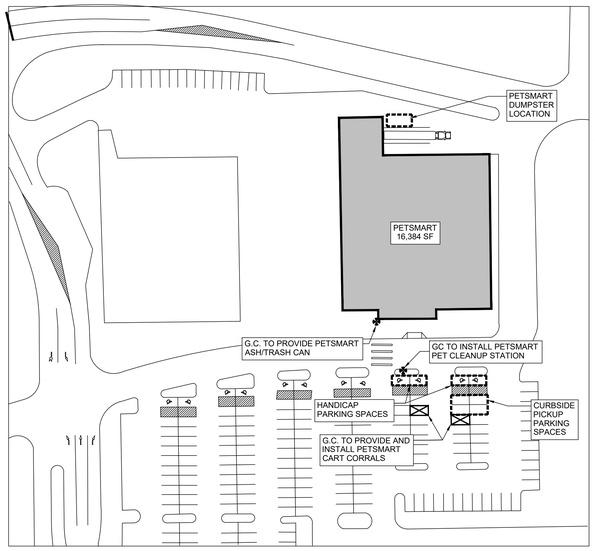


1 A0.0 PARTIAL SITE PLAN
SCALE: N.T.S.

DESIGNER NOTE: PARTIAL SITE PLAN SHALL INCLUDE THE FOLLOWING CONTEXTUAL SITE ELEMENTS: PARKING LOT LAYOUT/STRIPING, ADA PARKING, PROPOSED CART CORRALS, SIDEWALKS, PROPOSED DUMPSTER & RECYCLING BIN, PROPOSED PET CLEAN-UP STATION, ASH/TRASH CAN AT ENTRY.

NORTH

NOTE:
GENERAL CONTRACTOR TO PROVIDE AND INSTALL TWO CART CORRALS IN THE PARKING LOT. REFER TO MATERIAL & PRODUCT SCHEDULE ON SHEET F2.0 FOR PRODUCT AND VENDOR INFORMATION. PROPOSED LOCATION(S) SHOWN ON PARTIAL ARCHITECTURAL SITE PLAN - COORDINATE FINAL LOCATIONS WITH CIVIL PLANS.

PETSMART

16K 2026 U.S. INSTRUCTION SET

STORE #0000
STREET ADDRESS
CITY, STATE 00000

DOCUMENTS DEVELOPED USING 16K 2026 UNITED STATES INSTRUCTION SET. ADDITIONAL INSTRUCTION SET/PROTOTYPE UPDATES FOR THIS PROJECT ARE AS FOLLOWS:

THESE DOCUMENTS ARE THE PROPERTY OF PETSMART INC. AND REPRESENT A TYPICAL DESIGN AND ARE NOT ADAPTED TO ANY SPECIFIC LOCATION NOR ORIENTATION.

DESIGNER NOTE: WHEN EXTERIOR WALL CONSTRUCTION IS UTILIZED THAN CMU AS SHOWN ON PROTOTYPE IS UTILIZED (CEMENTITIOUS PANEL, ETC.) THE EXTERIOR WALL THICKNESS MAY VARY. ADJUST INTERIOR WALL CLEAR ROOM DIMENSIONS ACCORDINGLY. INSURE THAT THE EXTERIOR DIMENSIONS ARE MAINTAINED AS PER PROTOTYPE & INTERIOR AREA CONFIRMED BY PETSMART PROJECT MANAGER IS ALERTED FOR COORDINATION OF LAYOUT.

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS, DESIGNER TO ENSURE COMPLIANCE WITH ALL LOCAL & STATE ENERGY CODES & REGULATIONS. MAKE EVERY EFFORT TO COMPLY WITH THE PETSMART STANDARDS AND GUIDELINES INHERENT WITHIN THIS PETSMART INSTRUCTION SET OF DRAWINGS AND SPECIFICATIONS.

DESIGNER NOTE: WHEN TILT WALL CONSTRUCTION IS UTILIZED: INSURE TILL UP PANELS ARE INSULATED AS REQUIRED ON A PROJECT SPECIFIC BASIS AS PER TABLE 1 TO COMPLY WITH ENERGY CODE REQUIRED R-VALUE FOR INSULATION. INTERIOR FACE OF PANEL TO BE DIMENSIONAL FROM ADJACENT WALL MINIMUM DIMENSIONS. PETSMART DIMENSIONS ARE FOR FINISHED WALLS. INTERIOR DIMENSIONS SHOULD BE MAINTAINED AS PER PETSMART MINIMUM REQUIREMENTS. IF THE PETSMART MINIMUM DIMENSIONS CANNOT BE MAINTAINED, COORDINATION OF LAYOUT MUST BE ALERTED FOR PROMISED.

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS, WHEN REQUIRED BY CODE OR AHJ, DESIGNER SHALL INCORPORATE APPROPRIATE MEASURES TO COMPLY WITH SEISMIC REQUIREMENTS.

DESIGNER NOTE: DESIGNER TO UPDATE ON A PROJECT SPECIFIC BASIS

NOTE:
THIS SET OF DRAWINGS IS TO BE READ IN CONJUNCTION WITH THE PETSMART PROJECT MANUAL SPECIFICATIONS DATED JULY 17, 2026. IN CASE OF DISCREPANCY BETWEEN THE DRAWINGS AND THE MANUAL, THE MORE STRINGENT SHALL PRESIDE UNLESS OTHERWISE NOTIFIED DURING THE BID PROCESS.

PROJECT TEAM

TENANT:
PETSMART/CONSTRUCTION MANAGER
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
EMAIL: -
CONTACT: -

LANDLORD/OWNER:
COMPANY NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
EMAIL: -
CONTACT: -

CIVIL:
FIRM NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
EMAIL: -
CONTACT: -

GEOTECHNICAL:
FIRM NAME
STREET ADDRESS
CITY, STATE ZIP
- PHONE :
- FAX :
- EMAIL:
- CONTACT:

ARCHITECT:
FIRM NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
EMAIL: -
CONTACT: -

DESIGNER NOTE: DESIGNER TO VERIFY REQUIRED CODES FOR EACH PROJECT

STRUCTURAL:
FIRM NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
EMAIL: -
CONTACT: -

MECH / PLUMBING:
FIRM NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
EMAIL: -
CONTACT: -

ELECTRICAL:
FIRM NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
EMAIL: -
CONTACT: -

DESIGNER NOTE: DESIGNER TO CONFIRM THIS INFORMATION IS COMPLETE ON A PROJECT SPECIFIC BASIS

ABBREVIATIONS :

ADA	AMERICANS w/ DISABILITIES ACT	FLOUR	FLOURESCENT	OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
ADD	ADDENDUM	FTG	FOOTING		
ABC	AGGREGATE BASE COURSE	FND	FOUNDATION	OPNG	OPENING
AC	AIR CONDITIONING	FR	FRAME		
ADD'N	ADDITION	FRA	FIBERGLASS REINFORCED PANEL	d	PENNY
AFC	ABOVE FINISHED CEILING	FHC	FIRE HOSE CABINET	PERP	PERPENDICULAR
AFF	ABOVE FINISHED FLOOR	FRT	FIRE RETARDANT TREATED	PH, ϕ	PHASE
AFG	ABOVE FINISHED GRADE			PC	PRECAST
AFI	ADVANCED FIXTURES, INC.	G	GROUND	PIV	POST INDICATOR VALVE
AGG	AGGREGATE	GA	GAUGE	PL	PROPERTY LINE
AHJ	AUTHORITY HAVING JURISDICTION	GALV	GALVANIZED	PL	PLATE
		GC	GENERAL CONTRACTOR	PLBG	PLUMBING
ALT	ALTERNATE	GD	GRADE	PLYWD	PLYWOOD
ALUM	ALUMINUM	GI	GALVANIZED IRON	PNL	PANEL
AMP	AMPERE, AMPS	GL	GLASS	PR	PAIR
ARCH	ARCHITECT	GRIL	GRILLE	PSI	POUNDS PER SQUARE INCH
ASP	ASPHALT	GYP	GYPSUM	PSF	POUNDS PER SQUARE FOOT
AVG	AVERAGE			PTD	PAINTED
		HC	HANDICAPPED	PTN	PARTITION
BD	BOARD	HB	HOSE BIBB	PT	POINT
BLDG	BUILDING	HDAS	HEADED ANCHOR STUDS	PVC	POLYVINYL CHLORIDE
BLKG	BLOCKING	HD	HEAD		
BM	BEAM	HDN	HARDENER	QTY	QUANTITY
B.M.	BENCHMARK	HDW	HARDWARE		
BO	BOTTOM OF	HDWD	HARDWOOD	R	RADIUS
BOT	BOTTOM	HM	HOLLOW METAL	R/A	RETURN AIR
		HORIZ	HORIZONTAL	RCP	REFLECTED CEILING PLAN
CAB'T	CABINET	HP	HIGH POINT	RD	ROOF DRAIN
CB	CATCH BASIN	HR	HAND RAIL	REG	REGISTER
CEM	CEMENT	HTR	HEATER	RO	ROUGH OPENING
CF	CUBIC FEET	HT	HEIGHT	REINF	REINFORCED, REINFORCING
CFM	CUBIC FEET PER MINUTE	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	REQ'D	REQUIRED
CIP	CAST IN PLACE			REV	REVISION
CG	CORNER GUARD	HW	HOT WATER	RFG	ROOFING
CHAN	CHANNEL			RGH	ROUGH
CJ	CONTROL JOINT	IN	INCH	RM	ROOM
CJT	CONSTRUCTION JOINT	ID	INSIDE DIAMETER	RTU	ROOF TOP UNIT
CL	CENTER LINE	INSUL	INSULATION		
CLG	CEILING	INT	INTERIOR	SC	SITE CONTRACTOR
CLR	CLEAR	INV	INVERT	SCJ	STUCCO CONTROL JOINT
CM	CENTIMETER	IA	INVERT ELEVATION	SCR	SCREW
CMU	CONCRETE MASONRY UNIT			SECT	SECTION
CO	CLEAN OUT	JAN	JANITOR	SEL	SELECT
COL	COLUMN	J-BOX	JUNCTION BOX	SF	SQUARE FEET
CONC	CONCRETE	JT	JOINT	SHT	SHEET
CONN	CONNECTION	JST	JOIST	SMS	SHEET METAL SCREW
CONST	CONSTRUCTION			SDG	SIDING
CONT	CONTINUOUS	K	KIPS (1000LBS)	SIM	SIMILAR
CONTR	CONTRACTOR	KP	KICK PLATE	SLDG	SLIDING
COR'G	CORRUGATED	KV	KILOVOLT	SM	SMOOTH
CT	CERAMIC TILE	KVA	KILOVOLT-AMPS	SOV	SHUT OFF VALVE
CTR	COUNTER	KW	KILOWATT	SPEC	SPECIFICATION
CTSK	COUNTERSUNK	KWH	KILOWATT-HOUR	SPL	SPLASH
CV	CHECK VALVE			SQ	SQUARE
CW	COLD WATER	LAM	LAMINATED	S/S	STAINLESS STEEL
CWP	COLD WATER PIPE	LAV	LAVATORY	STC	SOUND TRANSMISSION CLASS
		LB	POUNDS	STD	STANDARD
DIA, Ø	DIAMETER	LDG	LANDING	STL	STEEL
DB	DECIBEL	LF	LINEAR FEET	STRUCT	STRUCTURE
DBL	DOUBLE	LG	LENGTH	SUSP	SUSPENDED
DC	DIRECT CURRENT	LL	LIVE LOAD	SW.BD.	SWITCHBOARD
DEG.°	DEGREE	LLH	LONG LEG HORIZONTAL	SYM	SYMMETRICAL
DET	DETAIL	LLV	LONG LEG VERTICAL		
DIAG	DIAGONAL	LOC	LOCATION	TC	TOP OF CURB
DIM	DIMENSION	LONGIT	LONGITUDINAL	TG	TEMPERED GLASS
DISP	DISPENSER	LT	LIGHT	THRU.	THROUGH
DL	DEADLOAD	LTH	LATH	TO	TOP OF
DN	DOWN	LVR	LOUVER	TOA	TOP OF STEEL DECK
DP	DAMP PROOFING	LWC	LIGHT WEIGHT CONCRETE	TSTAT	THERMOSTAT
DS	DOWNSPOUT			TYP	TYPICAL
DWG	DRAWING	M	METER		
DWGS	DRAWINGS	MAT'L	MATERIAL	UL	UNDERWRITERS LABORATORIES
DWL	DOWEL	MAX	MAXIMUM		
		MCJ	MASONRY CONTROL JOINT	UNO	UNLESS NOTED OTHERWISE
EC	ELECTRICAL CONTRACTOR	MECH	MECHANICAL	UPS	UNINTERRUPTIBLE POWER SUPPLY
EDF	ELECTRIC DRINKING FOUNTAIN	MTL	METAL		
		MFR	MANUFACTURER		
EE	EXHAUST FAN	MH	MAN HOLE	V	VENT
EIFS	EXTERIOR INSULATING FINISHING SYSTEM	MIN	MINIMUM	VA	VOLT-AMPRE
		ML	METAL LATH	VERT	VERTICAL
EJ	EXPANSION JOINT	MLDG	MOULDING	VG	VERTICAL GRAIN
EL	ELECTRIC	MO	MASONRY OPENING	VEST	VESTIBULE
ELEV	ELEVATION	MR	MOISTURE RESISTANT	VCA	VINYL COMPOSITION TILE
EMP	EMPLOYEE	MSW	MAIN SWITCHBOARD	VCP	VITREOUS CLAY PIPE
ENG	ENGINEER	MTD	MOUNTED	VTR	VENT THROUGH ROOF
EQ	EQUAL	MULL	MULLION		
EQUIP	EQUIPMENT			WB	WATER BASE
EXH	EXHAUST	N/A	NOT APPLICABLE	WC	WATER CLOSET
EXIST	EXISTING	NG	NATURAL GRADE	WCO	WALL CLEANOUT
EXP	EXPANSION	NIC	NOT IN CONTRACT	WD	WOOD
EXT	EXTERIOR	NL	NIGHT LIGHT	WDW	WINDOW
		NOM	NOMINAL	WF	WIDE FLANGE
FA	FIRE ALARM	NTS	NOT TO SCALE	WH	WATER HEATER
FACP	FIRE ALARM CONTROL PANEL	NO	NUMBER	W	WITH
FCO	FLOOR CLEANOUT	NPS	NATIONAL PIPE SIZE	W/O	WITHOUT
FD	FLOOR DRAIN			WO	WALL OPENING
FT	FEET	OA	OVERALL	WP	WEATHER PROOF
FIN	FINISH	OBS	OBSERVE	WW	WINDOW WALL
FO	FINISH OPENING	OC	ON CENTER	WWF	WELDED WIRE FABRIC
FIXT	FIXTURE	OD	OUTSIDE DIAMETER	WWM	WELDED WIRE MESH
FL	FLASHING	OFS	OVERFLOW SCUPPER	WL	WIND LOAD
FLR	FLOOR	OFD	OVERFLOW DRAIN		
FF	FINISHED FLOOR			XFMR	TRANSFORMER

GENERAL NOTES:

ALL PARTIES INVOLVED WITH THIS PROJECT SHALL BECOME FAMILIAR AND ARE REQUIRED TO UTILIZE PETSMART'S WEBSITE (www.petsmartstores.com) FOR ALL INFORMATION, CORRESPONDENCE AND COORDINATION THRU-OUT CONSTRUCTION PROCESS. ALL WEBSITE ACCESS/CONTROL WILL BE COORDINATED WITH PETSMART INC.

ALL WORK AND MATERIALS SHALL BE THE BEST OF THE RESPECTIVE KINDS SPECIFIED AND INDICATED. SHOULD ANY WORKMANSHIP OR MATERIALS BE REQUIRED WHICH ARE NOT DIRECTLY OR INDIRECTLY CALLED FOR IN THE PROJECT MANUAL AND/OR SHOWN ON THE DRAWINGS, BUT WHICH ARE NECESSARY FOR PROPER FULFILLMENT OF THE OBVIOUS INTENT THEREFORE, SAID WORKMANSHIP OR MATERIALS SHALL BE THE SAME AS SIMILAR PARTS THAT ARE DETAILED, INDICATED OR SPECIFIED, AND THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS SHALL UNDERSTAND THE SAME TO BE IMPLIED AND PROVIDE FOR IT IN HIS PROPOSAL AS FULLY AS IF IT WERE PARTICULARLY DESCRIBED OR DELINEATED.

NOTE:
THIS DESIGN CRITERIA IS PROVIDED FOR BUILDING OFFICIAL REVIEW CONVENIENCE ONLY AND IS NOT INTENDED FOR USE BY COMPONENT DESIGNERS OR MANUFACTURERS AS THEIR SOLE DESIGN CRITERIA WITHOUT VERIFICATION. EACH DESIGNER AND/OR MANUFACTURER MUST INDEPENDENTLY CONFIRM ALL CODE CRITERIA WITH WHICH RESPECTIVE ELEMENTS OR COMPONENTS MUST COMPLY, INCLUDING BUT NOT LIMITED TO LOADING, APPLICATION, FUNCTIONALITY, ETC. PERFORMANCE CRITERIA PROVIDED SHOULD BE REGARDED AS THE MINIMUM STANDARDS ACCEPTABLE TO THE CLIENT. EACH SUPPLIER MUST EVALUATE THESE MINIMUMS AGAINST SPECIFIC INDUSTRY STANDARDS AS WELL AS ALL APPLICABLE CODES, LAWS, ORDINANCES, AND UNDERWRITER REQUIREMENTS GOVERNING THE PRODUCT AS WELL AS OWNER INSURER REQUIREMENTS, AS APPLICABLE. THE MOST STRINGENT OF THESE CRITERIA SHALL GOVERN.

NOTES TO CONTRACTORS REGARDING MOLD AND MILDEW

1. THE FOLLOWING REQUIREMENTS SHALL APPLY TO ALL NEW AND REMODEL CONSTRUCTION PROJECTS.
2. IN THE EVENT THE CONTRACTOR DISCOVERS, AT ANY TIME DURING DEMOLITION, CONSTRUCTION, AND/OR REMODELING OPERATIONS, EXISTING CONDITIONS THAT COULD INCLUDE THE PRESENCE OF MOLD AND/OR MILDEW, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE AND THE ARCHITECT/ENGINEER OF RECORD, IN WRITING, OF THE CONCERNS AND/OR SUSPICIONS.
3. CONCURRENTLY, THE CONTRACTOR SHALL BE RESPONSIBLE TO RETAIN A MOLD AND MILDEW CERTIFIED TESTING AGENCY TO PERFORM AN INVESTIGATION AND TESTING AS REQUIRED TO EVALUATE THE NATURE AND EXTENT OF THE PROBLEM. IF THE TESTING AGENCY CONFIRMS HAZARDS, THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A MINIMUM OF TWO (2) BIDS FROM COMPANIES QUALIFIED AND LICENSED TO PERFORM ALL NECESSARY REMEDIATION WORK, COMPLYING WITH ALL LOCAL, STATE, AND FEDERAL ENVIRONMENTAL REGULATIONS, CODES, AND STATUTES.
4. ONCE DISCOVERY OR SUSPICION OF MOLD AND/OR MILDEW IS MADE, THE CONTRACTOR SHALL TAKE ALL REASONABLE AND PRACTICAL PRECAUTIONS TO PROTECT ALL CONSTRUCTION PERSONNEL AND THE PUBLIC FROM EXPOSURE TO MOLD AND/OR MILDEW, AND SUCH PRECAUTIONS SHALL REMAIN IN PLACE UNTIL SUCH TIME AS THE OWNER OR HEALTH AUTHORITY DIRECTS OTHERWISE. CONSTRUCTION OPERATIONS SHALL NOT BE STOPPED OR CURTAILED, EXCEPT IN THE AREA OF MOLD/MILDEW CONCERN, DUE TO THESE REQUIRED PRECAUTIONS.
5. THE CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID CONDITIONS FAVORABLE TO THE DEVELOPMENT OF MOLD AND MILDEW, ESPECIALLY IN VOIDS WHICH WILL BE CONCEALED AND NOT VENTILATED. IN ALL CASES, INTERIOR SPACES AND INTERIOR FINISHED CONSTRUCTION SHALL BE MAINTAINED IN DRY AND WELL-VENTILATED CONDITIONS.
6. THE CONTRACTOR SHALL COMPLY WITH FEDERAL ENVIRONMENTAL AND OSHA REGULATIONS AND ALL LOCAL AND STATE HEALTH DEPARTMENT REQUIREMENTS AND RECOMMENDATIONS REGARDING MOLD AND MILDEW.
7. ALL PENETRATIONS SHALL BE SEALED WATER-TIGHT TO PREVENT MOISTURE MIGRATION FROM ENTERING THE BUILDING OR WALL CAVITIES.
8. ALL CONDENSATE DRAIN PANS SHALL BE CLEANED AND KEPT FREE FROM DEBRIS UNTIL AND WHEN THE FACILITY IS TURNED OVER TO THE OWNER OR TENANT. INSURE POSITIVE DRAINAGE AT ALL DRAIN PANS. INSURE THAT ALL "COLD" SURFACES ARE INSULATED AND COVERED WITH A FULLY SEALED AND CONTINUOUS VAPOR BARRIER. ("COLD" SURFACES INCLUDE, BUT ARE NOT LIMITED TO, DOMESTIC COLD WATER PIPING, CHILLED WATER PIPING, INTERIOR RAIN LEADERS, OUTDOOR AIR INTAKES, AND DUCTWORK CARRYING AIR CONDITIONED SUPPLY AIR.)
9. INSURE THAT THERE ARE NO WATER LEAKS IN CONCEALED PLUMBING CHASES. RETURN AIR PATHS AND PLENUMS SHALL BE KEPT DRY. ALL EXISTING SUPPLY AIR PATHS AND ALL EXISTING DUCTWORK TO BE RE-USED SHALL BE CLEANED AND TREATED AS REQUIRED TO REMOVE THE POTENTIAL FOR MOLD AND MILDEW. ALL DAMP AREAS SHALL BE DRIED THOROUGHLY PRIOR TO ENCLOSURE.

THIS DRAWING SET IS TO BE VIEWED AS A WHOLE. ALL WORK PERTAINING TO A SPECIFIC CONTRACTOR MAY OR MAY NOT BE SHOWN ON SPECIFIC DRAWING SECTIONS. IT IS EACH SUBCONTRACTOR'S RESPONSIBILITY TO PREPARE THEIR BID FROM A COMPLETE SET OF CONSTRUCTION DOCUMENTS (PLANS AND SPECIFICATIONS). PLANS TO BE READ IN CONJUNCTION WITH SPECIFICATION MANUAL.

PROJECT INFORMATION:

PROJECT ADDRESS: STREET ADDRESS CITY, STATE 00000

PROJECT DESCRIPTION: RETAIL STORE

DESIGN CODES:
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL PLUMBING CODE
2018 NFPA 101 LIFE SAFETY CODE
2018 INTERNATIONAL FIRE CODE
2017 NATIONAL ELECTRICAL CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

LEASE AREA SQ. FOOTAGE: 16,384 SF
OCCUPANCY AREA SQ. FOOTAGE: 16,043 SF

OCCUPANCY: MERCANTILE
CONSTRUCTION TYPE: TYPE II-B, FULLY SPRINKLERED
SITE ZONING: COMMERCIAL (C)

DESIGNER NOTE: INDICATE SITE ZONING AHJ ASSIGNED DESCRIPTION FOR EACH PROJECT

SITE CLASS / RISK CATEGORY: (A - F) / II
SEISMIC DESIGN CATEGORY: (A - F)

DESIGNER NOTE: INDICATE SITE CLASS AND SEISMIC DESIGN CATEGORY FOR EACH PROJECT

SYMBOLS LEGEND :

ROOM NAME XXX - ROOM NAME (TOP) AND ROOM NUMBER (BOTTOM)

X XX - ELEVATION-ELEVATION NO. (OUTSIDE), SHEET NO. (INSIDE)

X XX - DETAIL REFERENCE-DETAIL NO. (TOP), SHEET NO. (BOTTOM)

X XX - BUILDING SECTION-SECTION NO. (TOP), SHEET NO. (BOTTOM)

X XX - WALL SECTION-SECTION NO. (TOP), SHEET NO. (BOTTOM)

X - BUILDING COLUMN GRID LINE

XXX - KEYED NOTE

XXX - BUILDING MATERIAL/FINISH - SEE EXTERIOR FINISH SCHEDULE ON SHEET A4.0 AND/OR ROOM FINISH SCHEDULE ON SHEET A7.0

XXX - FIXTURE REFERENCE - SEE EQUIPMENT COORDINATION SCHEDULE ON SHEET F1.0

X - PARTITION TYPE - SEE WALL TYPES ON SHEET A9.0

XXX - DOOR NUMBER - SEE SHEET A6.0

101 - WINDOW TYPE - SEE SHEET A6.1

DESIGNER NOTE: COORDINATE SQ.FT. W/ SHEET A1.0 FOR LEASE, SHEET A1.0 FOR OCCUPANCY AREA FOR EACH PROJECT

PROJECT DIRECTORY:

Planning & Zoning
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT: -

Building Safety
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT: -

Fire Safety
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT:

Telephone Company
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT:

Gas Company
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT: -

Water Company
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT: -

Sewer Company
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT: -

Electric Company
NAME
STREET ADDRESS
CITY, STATE ZIP
PHONE : -
FAX : -
CONTACT: -

VICINITY MAP:

DESIGNER NOTE: DESIGNER TO ENSURE THIS INFORMATION IS COMPLETE ON A PROJECT SPECIFIC BASIS

DESIGNER NOTE: DESIGNER TO REVIEW & VERIFY REQUIRED CODES FOR THE SUBMITTAL PACKAGE

NORTH

SHEET INDEX:

ARCHITECTURAL
A0.0 TITLE SHEET
F1.0 FIXTURE REFERENCE PLAN
F2.0 PRODUCT SCHEDULE
A0.1 ARCHITECTURAL KEY NOTES
A0.2 ACCESSIBILITY DETAILS
A1.0 LIFE SAFETY PLAN
A2.0 FLOOR FINISH PLAN
A2.1 ENLARGED FLOOR PLANS
A2.2 ENLARGED FLOOR PLANS
A3.0 ENLARGED REFLECTED CEILING PLAN
A3.1 ENLARGED REFLECTED CEILING PLAN
A4.0 EXTERIOR ELEVATIONS
A5.0 ROOF PLAN
A6.0 DOOR SCHEDULE AND DETAILS
A6.1 STOREFRONT ENTRY AND DETAILS
A7.0 ROOM FINISH SCHEDULE
A8.0 INTERIOR ELEVATIONS
A8.1 INTERIOR ELEVATIONS
A8.2 INTERIOR ELEVATIONS
A8.3 INTERIOR ELEVATIONS
A9.0 WALL TYPES
A10.0 WALL SECTIONS AND DETAILS
A11.0 WALL SECTIONS AND DETAILS
A12.0 DETAILS

STRUCTURAL
S1.0 GENERAL NOTES AND DETAILS
S2.0 FOUNDATION PLAN
S2.1 FOUNDATION DETAILS
S3.0 ROOF FRAMING PLAN
S3.1 ROOF FRAMING DETAILS

MECHANICAL
M1.0 MECHANICAL FLOOR PLAN
M1.1 ENLARGED SUPPLY FLOOR PLANS
M1.2 ENLARGED EXHAUST FLOOR PLANS
M2.0 MECHANICAL DETAILS & SYMBOLS

PLUMBING
P0.1 PLUMBING NOTES & SCHEDULE
P1.0 PLUMBING FLOOR PLAN
P1.1 ENLARGED FLOOR PLANS
P2.0 PLUMBING DETAILS
P3.0 SCHEMATICS AND SCHEDULES

ELECTRICAL
E0.1 ELECTRICAL NOTES AND ONE-LINE DIAGRAM
E0.2 PANEL LOAD SCHEDULES
E1.0 LIGHTING FLOOR PLAN
E2.0 ENLARGED POWER PLAN
E2.1 ENLARGED POWER PLAN
E3.0 ELECTRICAL POWER DETAILS
EM1 ENERGY MANAGEMENT
EM2 ENERGY MANAGEMENT
EDC DATA & CABLING PLAN

SCOPE OF WORK:

THE SCOPE OF THE PROJECT INCLUDES THE CONSTRUCTION OF THE EXTERIOR SHELL AND INTERIOR BUILD-OUT OF A 16,384 S.F. RETAIL SPACE LOCATED AT ***SHOPPING CENTER NAME*** AT ***STREET ADDRESS***. THE TENANT IS A RETAIL PET SUPPLY STORE WITH PET GROOMING SERVICES.

DEFERRED SUBMITTALS:

1. FIRE ALARM DRAWINGS: THE FIRE ALARM SYSTEM SHALL BE SUBMITTED UNDER A SEPARATE PERMIT AND COVER TO THE BUILDING DEPARTMENT BY PETSMART'S LICENSED NATIONAL ACCOUNT VENDOR.
2. FIRE SPRINKLER DRAWING: THE FIRE SPRINKLER SYSTEM SHALL BE SUBMITTED UNDER A SEPARATE PERMIT AND COVER TO THE BUILDING DEPARTMENT BY A LICENSED FIRE SPRINKLER CONTRACTOR.
3. EXTERIOR SIGNAGE: THE SIGNAGE SHALL BE SUBMITTED UNDER A SEPARATE PERMIT AND COVER TO THE BUILDING DEPARTMENT BY PETSMART'S LICENSED NATIONAL ACCOUNT VENDOR.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

DRAWN BY: XXX

CHECKED BY: XXX

PAGE #: 01 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

1"

DISCIPLINE: ARCHITECTURAL

TITLE: TITLE SHEET

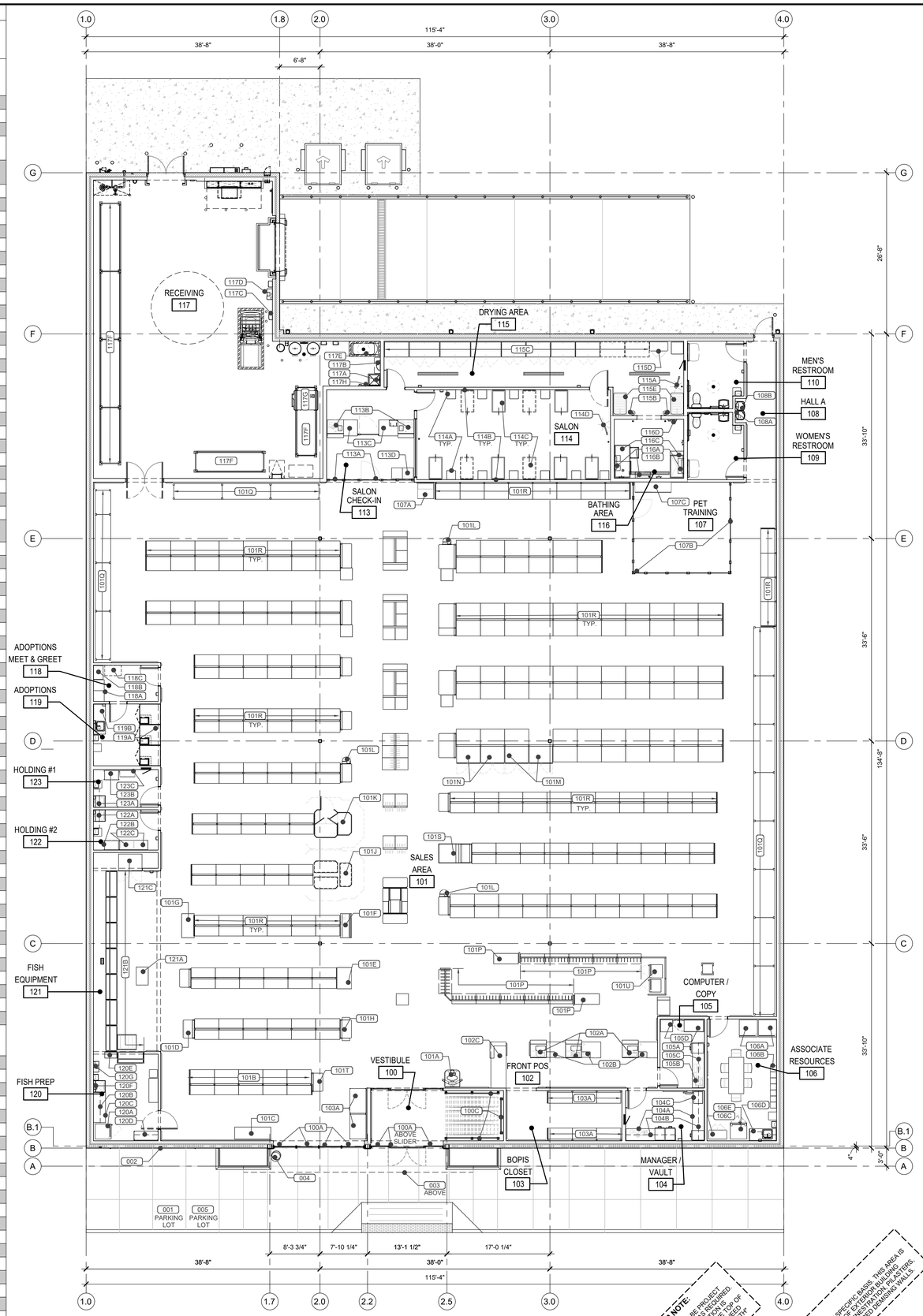
SHEET NUMBER: **A0.0**

EQUIPMENT COORDINATION SCHEDULE

GENERAL NOTES:

1. ALL ITEMS NOTED AS ***** ARE SUPPLIED AND INSTALLED IN THE MILLWORK PACKAGE BY THE NATIONAL ACCOUNT MILLWORK VENDOR AS PART OF THE G.C. SCOPE AND PRICE.
2. MILLWORK ITEMS NOTED AS (PAID FOR BY PETSMART) ARE NOT A PART OF THE G.C. PRICE BUT ARE STILL DELIVERED AND INSTALLED AS PART OF THE G.C. MILLWORK PACKAGE .
3. ALL MILLWORK IS TO RECEIVE RUBBER COVE BASE WHICH IS SUPPLIED AND INSTALLED BY THE G.C.
4. ALL BLOCKING AND BACKING IS SUPPLIED AND INSTALLED BY THE G.C.

ROOM NAME & NUMBER	FIXTURE REFERENCE NUMBER	ITEM	SUPPLIED AND INSTALLED BY OTHERS	SUPPLIED BY OTHERS INSTALLED BY G.C.	SUPPLIED AND INSTALLED BY G.C.	ELECTRICAL REQUIRED BY G.C.	PLUMBING REQUIRED BY G.C.	PLUMBING FINAL CONNECTION BY G.C.	REMARKS
BUILDING EXTERIOR	001	PET CLEANUP STATION (EXTERIOR)		●					ALLOW FOR 4 BOLT MOUNTS TO HARD LANDSCAPE.
	002	COMING SOON BANNER			●				SEE A0.1 FOR ORDER FORM.
	003	BIRD DETERRENT			●	●			SUPPLIED BY NATIONAL ACCOUNT LIGHTING VENDOR AS PART OF G.C. SCOPE.
	004	ASH/TRASH CAN			●				SEE F2.0 FOR SPEC AND REQUIRED VENDOR. (MATCH CENTER SPEC WHEN REQUIRED)
	005	CART CORRAL			●				INSTALL CART CORRAL(S) AT FRONT PARKING FIELD FOR PUNCH INSPECTION DATE. SEE SITE PLAN ON A0.0 FOR LOCATION. SEE F2.0 FOR SPEC AND REQUIRED VENDOR.
VESTIBULE 100	100A	WINDOW BLINDS			●				SEE F2.0 FOR SPEC AND REQUIRED VENDOR.
	100B	FIRE SAFETY PLAN (NOT USED)							NOT USED
	100C	CART BUMPER			●				SEE F2.0 FOR SPEC AND REQUIRED VENDOR.
SALES AREA 101	101A	TAG MACHINE	●			●			
	101B	LARGE AQUARIUMS DISPLAY	●			●			
	101C	6' TANK DISPLAY	●			●			
	101D	PLANT DISPLAY FIXTURE	●			●			
	101E	BETTA FIXTURE	●			●			
	101F	REPTILE HABITAT	●			●			
	101G	REPTILE FEEDER FIXTURE	●			●			
	101H	SHO3 FIXTURE	●			●			
	101J	SMALL ANIMAL HABITAT	●			●			
	101K	BIRD HABITAT	●			●			
	101L	PET CLEANUP STATION (INTERIOR)	●						
	101M	COOLER (NATURALS)	●			●			
	101N	FREEZER (NATURALS)	●			●			
	101P	QUEUE LINE SHELVING	●						
	101Q	MINI STEEL RACKING	●						
	101R	SHELVING	●			●			SEE ELECTRICAL DRAWINGS FOR POWER DROPS AND DETAILS.
	101S	DOG TOY BOX ENDCAP	●						
	101T	SHO1 FIXTURE	●			●			
	101U	QUEUE LINE FREEZER	●			●			SEE ELECTRICAL DRAWINGS FOR POWER POLE AND DETAILS.
FRONT POS 102	102A	TERMINAL CABINET			●	●			***** SEE GENERAL NOTES ABOVE
	102B	SERVICES CABINET			●	●			***** SEE GENERAL NOTES ABOVE
	102C	BOPIS CABINET			●	●			***** SEE GENERAL NOTES ABOVE
BOPIS CLOSET 103	103A	SHELVING	●						
MANAGER/ VAULT 104	104A	COUNTER			●				***** SEE GENERAL NOTES ABOVE
	104B	SHELVING			●				***** SEE GENERAL NOTES ABOVE
	104C	SAFE	●						
COMPUTER COPY 105	105A	IS RACK	●			●			
	105B	COUNTER			●				***** SEE GENERAL NOTES ABOVE
	105C	SHELVING			●				***** SEE GENERAL NOTES ABOVE
	105D	SHRED BIN	●						
ASSOCIATE RESOURCES 106	106A	VENDING MACHINE	●			●			
	106B	LOCKERS	●						
	106C	STORAGE CABINET	●						
	106D	SINK CABINET MILLWORK			●	●	●	●	***** SEE GENERAL NOTES ABOVE
	106E	REFRIGERATOR	●			●	●	●	PLUMBING REQUIRED FOR ICE/WATER DISPENSER IN ASSOCIATE RESOURCES ONLY.
PET TRAINING 107	107A	PET TRAINING PODIUM			●				***** SEE GENERAL NOTES ABOVE (PAID FOR BY PETSMART)
	107B	FENCE AND GATE			●				***** SEE GENERAL NOTES ABOVE
	107C	TRAINING CABINET			●				***** SEE GENERAL NOTES ABOVE (PAID FOR BY PETSMART)
HALL A 108	108A	STAINLESS STEEL SHELF			●				SUPPLIED BY NATIONAL ACCOUNT PLUMBING VENDOR AS PART OF G.C. SCOPE.
	108B	WATER FOUNTAIN			●	●	●	●	
SALON CHECK-IN 113	113A	FENCE AND GATE			●				***** SEE GENERAL NOTES ABOVE
	113B	TERMINAL CABINET			●	●			***** SEE GENERAL NOTES ABOVE
	113C	SERVICES CABINET			●	●			***** SEE GENERAL NOTES ABOVE
	113D	BENCH	●						
SALON 114	114A	CUTTING STATIONS			●				***** SEE GENERAL NOTES ABOVE
	114B	MIRRORS			●				***** SEE GENERAL NOTES ABOVE
	114C	CUTTING TABLES	●			●			
	114D	FLUFF DRYER	●			●			
DRYING AREA 115	115A	FLUFF DRYER	●			●			
	115B	MASTER BLASTER DRYER	●			●			
	115C	ROLLING CAGES	●						
	115D	STORAGE CABINET	●						
	115E	DRYING TABLES	●						
BATHING AREA 116	116A	PROPORTIONER			●		●	●	***** SEE GENERAL NOTES ABOVE
	116B	SHELVING			●				***** SEE GENERAL NOTES ABOVE
	116C	TUBS	●						G.C. RESPONSIBLE FOR HARD PIPE WASTE CONNECTION IF REQUIRED BY CODE.
	116D	BOTTLE EYE WASH	●						NO PLUMBING REQUIRED.
RECEIVING 117	117A	MOP SINK			●		●	●	SUPPLIED BY NATIONAL ACCOUNT PLUMBING VENDOR AS PART OF G.C. SCOPE.
	117B	CHEMICAL MIXING SYSTEM	●						G.C. RESPONSIBLE FOR BACKFLOW PREVENTER IF REQUIRED BY CODE.
	117C	BATTERY CHARGER		●		●			BATTERY CHARGER SUPPLIED BY PETSMART AND INSTALLED BY G.C. AND E.C. UNIT ARRIVES THE WEEK BEFORE THE MILLWORK DATE AND MUST BE INSTALLED IMMEDIATELY.
	117D	GRAVITY EYE WASH	●						NO PLUMBING REQUIRED.
	117E	FLOOR SCRUBBER	●			●	●		FLOOR DRAIN ONLY IS REQUIRED.
	117F	RECEIVING AREA RACKING	●						
	117G	SFS FIXTURE	●						
	117H	BOTTLE EYE WASH	●						
ADOPTIONS MEET & GREET 118	118A	BENCH	●						
	118B	WIRE SHELF	●						
	118C	ROLLING ADOPTIONS DESK			●				***** SEE GENERAL NOTES ABOVE (PAID FOR BY PETSMART)
ADOPTIONS 119	119A	ADOPTION CAGES			●				***** SEE GENERAL NOTES ABOVE
	119B	SINK CABINET			●		●	●	***** SEE GENERAL NOTES ABOVE
FISH PREP 120	120A	FISH REFRIGERATOR	●			●			
	120B	SHELVING			●				***** SEE GENERAL NOTES ABOVE
	120C	STANLESS STEEL TABLE			●				***** SEE GENERAL NOTES ABOVE
	120D	STAINLESS STEEL SHELF			●				***** SEE GENERAL NOTES ABOVE
	120E	WATER FILTRATION SYSTEM	●				●	●	
	120F	CHEMICAL MIXING SYSTEM	●						G.C. RESPONSIBLE FOR BACKFLOW PREVENTER IF REQUIRED BY CODE.
	120G	GRAVITY EYE WASH	●						NO PLUMBING REQUIRED.
FISH EQUIPMENT 121	121A	BAG STATION			●				***** SEE GENERAL NOTES ABOVE (PAID FOR BY PETSMART)
	121B	FISH TANK DISPLAY	●			●			ANCHORED BY FISH EQUIPMENT SUPPLIER.
	121C	FISH FREEZER	●			●			
HOLDING #2 122	122A	SHELVING			●				***** SEE GENERAL NOTES ABOVE
	122B	QUARANTINE CAGE			●				***** SEE GENERAL NOTES ABOVE (PAID FOR BY PETSMART)
	122C	HOLDING CAGE			●				***** SEE GENERAL NOTES ABOVE (PAID FOR BY PETSMART)
HOLDING #1 123	123A	SHELVING			●				***** SEE GENERAL NOTES ABOVE
	123B	QUARANTINE CAGE			●				***** SEE GENERAL NOTES ABOVE (PAID FOR BY PETSMART)
	123C	TANK	●						



1 / F1.0 FIXTURE REFERENCE PLAN
SCALE: 1/8"=1'-0"

NORTH

LEASE AREA SQUARE FOOTAGE: 16,384 SQ. FT.

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:

THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

1"

DRAWN BY: XXX

CHECKED BY: XXX

PAGE # 02 OF: 47

DISCIPLINE: ARCHITECTURAL

TITLE: FIXTURE REFERENCE PLAN

SHEET NUMBER: **F1.0**

(VERSION 58 UPDATED 05.27.26)

MATERIAL & PRODUCT & NATIONAL VENDOR SCHEDULE

SPEC. SECTION & TITLE	MATERIAL	PRODUCT(S)	MANUFACTURER(S) OR REQUIRED VENDOR (NO EXCEPTIONS)
03331 - **POLISHED CONCRETE FLOOR SYSTEM**	GRINDING, POLISHING, DENSIFIER, & STAIN GUARD	PER SPECIFICATIONS & SHEET A2.0	**PERFECT POLISH** 184 CEDAR PLACE NORRIS, TN 37828 **PRIMARY CONTACT: JOHN HEIDMANN** P. (865) 494-1832 C. (865) 207-1422 JOHN.HEIDMANN@PERFECTPOLISHONLINE.COM **SECONDARY CONTACT: KYLE TREPANIER** P. (877) 917-4463 EXT. 205 C. (865) 599-8573 KYLE.TREPANIER@PERFECTPOLISHONLINE.COM
			OR
			REBOUND RESOURCE, LLC 140 ISLAND WAY, #233 CLEARWATER, FL 33767 **PRIMARY CONTACT: SHANE SEXTON** C. (865) 755-9510 SHANE@REBOUNDRESOURCE.COM **SECONDARY CONTACT: JUSTIN MARION** C. (865) 850-1491 BIDDING-ESTIMATING@REBOUNDRESOURCE.COM
04810 - **REINFORCED CONCRETE MASONRY**	INTEGRAL WATER REPELLENT ADMIXTURE	DRY-BLOCK	W.R. GRACE & CO.
05210 - **STRUCTURAL STEEL** 05310 - **METAL ROOF DECK**		PER SPECIFICATIONS & STRUCTURAL SHEETS	**CANAM STEEL CORPORATION USA** 22253 WEST SOUTHERN AVE. BUCKEYE, AZ 85326 **PRIMARY CONTACT: MARC REID** P. (623) 386-1900 C. (480) 639-8788 MARC.REID@CSCSTEELUSA.COM **SECONDARY CONTACT: GRANT HEINRICH** P. (623) 386-1900 C. (480) 272-3426 GRANT.HEINRICH@CSCSTEELUSA.COM
06402 - **INTERIOR ARCHITECTURAL WOODWORK** 09721 - **WALL PANEL COVERING (FRP)**	ARCHITECTURAL WOODWORK & CASEWORK WALL PANEL COVERING SYSTEM	PER SPECIFICATIONS & ARCHITECTURAL SHEETS GC TO CONFIRM MANUFACTURERS INSTALLATION INSTRUCTIONS (NO EXCEPTIONS)	**ADVANCED FIXTURES INC. (AFI)** 2655 E. AUDIE MURPHY PKWY. FARMERSVILLE, TX 75442 **PRIMARY CONTACT: JACKSON BROOKS** P. (972) 784-8800 EXT. 235 C. (865) 696-4586 JBROOKS@ADVANCEDFIXTURES.COM PETSMARTPJM@ADVANCEDFIXTURES.COM
07210 - **BUILDING INSULATION**	PERIMETER INSULATION BLANKET INSULATION SAFING INSULATION SOUND ATTENUATION INSULATION ACOUSTICAL SEALANT	STYROFOAM SM FSK-25 FSK-25 THERMAFIBER THERMAFIBER MINERAL FIBER TYPE 1 ACOUSTICAL SEALANT	THE DOW CHEMICAL CO. JOHNS MANVILLE OWENS CORNING FIBERGLASS CO. OWENS CORNING FIBERGLASS CO. OWENS CORNING FIBERGLASS CO. U.S.G. INTERIORS U.S.G. INTERIORS
07240 - **EXTERIOR INSULATION AND FINISH SYSTEM**	EXTERIOR INSULATION FINISH SYSTEMS DRAINAGE SYSTEM	STO-THERM ESSENCE NEXT - 7 YEAR WARRANTY OUTSULATION PLUS MD SYSTEM - 7 YEAR WARRANTY PAREX STANDARD WATERMASTER SYSTEM - 7 YEAR WARRANTY	STO CORP. DRYVIT PAREX E.F.I.S.
07540 - **MEMBRANE ROOFING SYSTEM**	SINGLE PLY MEMBRANE ROOF SYSTEM	SURE WELD MECHANICALLY FASTENED	**CARLISLE SYNTEC INC.** PO BOX 7000 CARLISLE, PA 17013 **PRIMARY CONTACT: JANIAL MACK** P. (717) 245-7393 F. (404) 661-3917 JANIAL.MACK@SYNTEC.CARLISLE.COM
07842 - **FIRE RESISTIVE JOINT SYSTEM SEALANT**	FIRE RETARDANT SEALANT	FIRE BARRIER PENETRATING SEALING SYSTEM	3M (LOCAL DISTRIBUTOR IS CRB SUPPLY, INC.), PHOENIX, AZ P. (602) 271-0180
07920 - **JOINTS SEALANTS**	RESTROOM SEALANT WET AREAS (BATHING, DRYING, RECEIVING)	SILICONE BASE, TYPE II, CLASS A PREMIUM GRADE HIGH PERFORMANCE POLYURETHANE BASED SEALANT - SIKAFLEX 1A	DOW CORNING OR GE SIKA
08110 - **HOLLOW METAL DOORS AND FRAMES** 08111 - **PRE-FINISHED FRAMES** 08210 - **WOOD DOORS** 08710 - **FINISH HARDWARE**	HOLLOW METAL DOORS & FRAMES INTERIOR PRE-FORMED METAL DOOR FRAMES WOOD DOORS & RELATED ITEMS DOOR HARDWARE	PER SPECIFICATIONS & SHEET A6.0 PER SPECIFICATIONS & SHEET A6.0 PER SPECIFICATIONS & SHEET A6.0 PER SPECIFICATIONS & SHEET A6.0	**COOK AND BOARDMAN** 345 MASON RD. LA VERGNE, TN 37086 **PRIMARY CONTACT: TAMMYLYNN WILLIAMS** P. (615) 903-9036 PETSMART@COOKANDBOARDMAN.COM TWILLIAMS@COOKANDBOARDMAN.COM
	RODENT RESISTANT DOOR SWEEPS	PER SPECIFICATIONS & SHEET A6.0	**GMT / XCLUDER** 750 W. LAKE COOK RD., SUITE 480 BUFFALO GROVE, IL 60089 **PRIMARY CONTACT: BEN CHANNON** P. (847) 4957-4700 EXT. 1184 C. (847) 269-40057 BENC@GMT-INC.COM
08310 - **IMPACT DOORS**	IMPACT DOORS AND HARDWARE	PER SPECIFICATIONS & SHEET A6.0	**SENNECA HOLDINGS (ELIASON)** 11502 CENTURY BLVD. CINCINNATI, OH 45246 **PRIMARY CONTACT: GLEN OLTMANNS** P. (714) 402-6265 GOLTMANNS@SENNECA.COM
08311 - **ACCESS DOORS AND FRAMES**	METAL ACCESS DOOR & RELATED ITEMS	KRVB, KDW, DSC-214PL & DSC-214M	KARP ASSOCIATES, MASPETH, NY EQUAL BY BILCO
08363 - **SECTIONAL OVERHEAD DOORS** 11160 - **LOADING DOCK EQUIPMENT**	SECTIONAL OVERHEAD DOOR VERTICAL DOCK LEVELER - HYDRAULIC DOCK BUMPERS WHEEL CHOCK SAFETY KIT (CHOCK & SIGN) DOCK SEALS TRACK GUARDS PIT MOUNTED SCISSOR LIFT (AS APPLICABLE ONLY) SURFACE MOUNTED SCISSOR LIFT (AS APPLICABLE ONLY)	CLOPAY - MODEL #3200 (WITH XLCUDER RODENT RESISTANT SEALS) SERCO - MODEL #VSL5740 BLUE GIANT - MODEL #V7006H SERCO - MODEL #VB420-11FF BLUE GIANT - MODEL #DB412 APS - LAMINATED RUBBER BLUE GIANT - LAMINATED RUBBER 88-8 SERCO - SERIES #S-600 BLUE GIANT - SERIES #BG100-22 APS - MODEL #TS48SD BLUE GIANT - MODEL #70-0005-48-6 SERCO - MODEL #SDL68-8 BLUE GIANT - MODEL # DL-10-72X96-14 SERCO - MODEL #SDL68-8	**DH PACE** 1901 E. 119TH ST. OLATHE, KS 66061 **PRIMARY CONTACT: ASHLEY REYNOLDS** P. (913) 298.1734 C. (913) 603-8774 PETSMARTDOORS@DHPACE.COM ASHLEY.REYNOLDS@DHPACE.COM **SECONDARY CONTACT: KRISTI JANEWAY** P. (816) 480-2323 C. (816) 510-9220 KRISTI.JANEWAY@DHPACE.COM

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS, IF THE STORE DESIGN INCLUDES A PETBOOTH, OR IF SERVICES REQUEST PETSMART AND/OR PET DRIVEN SERVICES REQUEST, PETSMART WILL INCORPORATE APPLICABLE PRODUCTS AND VENDOR CONTACTS AS REQUIRED.

MATERIAL & PRODUCT & NATIONAL VENDOR SCHEDULE

SPEC. SECTION & TITLE	MATERIAL	PRODUCT(S)	MANUFACTURER(S) OR REQUIRED VENDOR (NO EXCEPTIONS)
08411 - **ALUMINUM FRAMED ENTRANCES AND STOREFRONTS**	EXTERIOR ALUMINUM STOREFRONT FRAMING	FG 3000	VISTAWALL
	INTERIOR ALUMINUM DOORS INTERIOR ALUMINUM DOORS INTERIOR ALUMINUM WINDOWS & DOOR FRAMES	35D SERIES MEDIUM STILE 500 SERIES WIDE STILE (USED ONLY WHEN DOORS REQUIRE KEYPAD PER HARDWARE GROUP) 300 SERIES CLEAR ANODIZED W/ KD FRAME & 304-1 TRIM	**UNIFIED DOOR AND HARDWARE** 14400 COLLEGE BLVD., SUITE 100 LENEXA, KS 66215 **PRIMARY CONTACT: TERRY SIEGRIST** P. (717) 522-7003 C. (717) 286-4023 TERRY.SIEGRIST@UDHGROUP.COM PETSMART@AMERICANDIRECTCO.COM **SECONDARY CONTACT: CHERILYN HOSTETLER** C. (717) 522-7008 CHERILYN.HOSTETLER@UDHGROUP.COM PETSMART@AMERICANDIRECTCO.COM
08461 - **SLIDING AUTOMATIC ENTRANCE DOORS**	AUTOMATIC SLIDING DOORS AND CONTROLS	(EXTERIOR) MODEL #SL500 EXTERIOR DOORS W/ TRANSOM & PREPPED FOR 1" INSULATED GLASS (INTERIOR) MODEL #SL500	**ASSA ABLOY ENTRANCE SYSTEMS INC** 300 HORIZON CENTER, SUITE 302 HAMILTON, NJ 08691 **PRIMARY CONTACT: ILANA HOWARD** P. (980) 525-7738 ILANA.HOWARD@ASSAABLOY.COM PETSMART.US.ENTRANCE@ASSAABLOY.COM **SECONDARY CONTACT: ROSS MERKLING** C. (704) 221-2068 ROSS.MERKLING@ASSAABLOY.COM
08800 - **GLAZING**	1" INSUL. EXT. TEMPERED PERFORMANCE GLASS 1/4" INT. GLASS (TEMPERED)	SOLARBAN ## (2) + CLEAR (60, 70 OR 90) SINGLE PANE	PPG INDUSTRIES PPG INDUSTRIES
09260 - **GYPSUM BOARD ASSEMBLIES**	GYPSUM WALLBOARD METAL STUD FRAMING SOUND ATTENUATION INSULATION WATER RESISTANT INTERIOR PANEL	 PER SHEET A9.0 TYPE 1 DENSARMOUR PLUS	U.S.G. INTERIORS OR GEORGIA PACIFIC U.S.G. INTERIORS OWENS CORNING FIBERGLASS CO. GEORGIA PACIFIC
09310 - **CERAMIC TILE**	WALL CERAMIC TILE MORTAR GROUT FINISHING & EDGE PROTECTION	PER SHEET A7.0 & ALL ELEVATION SHEETS PER SHEET A7.0 PER SHEET A7.0 PER SHEET A7.0	**DALTILE** 7834 C. F. HAWN FREEWAY DALLAS, TX 75217 **PRIMARY CONTACT: JEN SCHEFFLER** C. (952) 412-8331 JEN.SCHEFFLER@DALTILE.COM NATIONALACCOUNTS@DALTILE.COM
09651 - **WALL BASE**	RUBBER COVE BASE	PER SHEET A7.0	JOHNSONITE
09511 - **ACOUSTICAL PANEL CEILINGS**	LAY-IN CEILING PANEL VINYL COATED LAY-IN CEILING PANEL (BATHING AREA) FIBERGLASS LAY IN CEILING PANEL (DRYING AREA) SUSPENSION SYSTEM SUSPENSION SYSTEM (DRYING AREA)	PER SHEETS A3.0 & A3.1 PER SHEETS A3.0 & A3.1 PER SHEETS A3.0 & A3.1 SERIES DX 15/16" CLASSIC STAB	U.S.G. INTERIORS U.S.G. INTERIORS CERTAINTEED U.S.G. DONN BRAND CERTAINTEED
09910 - **PAINTING**	PAINTING	PER SHEETS A3.0, A3.1, A4.0, A7.0	**PPG PAINTS** 1100 ARLINGTON CT. INDIANAPOLIS, IN 46280 **PRIMARY CONTACT: RICK GARLIN** C. (317) 318-5800 GARLIN@PITTSBURGPAINTS.COM
10285 - **IMPACT RESISTANT WALL PROTECTION**	2" WALL SURFACE MOUNTED CART BUMPER AND END CAPS 2" X 2" WALL SURFACE MOUNTED OUTSIDE CORNER GUARD AND END CAPS 6" WALL SURFACE MOUNTED CRASH RAIL AND END CAPS	FR270 COLOR: #1744 BRUSHED PEWTER SSM20 COLOR: #1744 BRUSHED PEWTER SCR48 COLOR: #1744 BRUSHED PEWTER	**CONSTRUCTION SPECIALTIES** 4005 ROYAL DR., SUITE 300 KENNESAW, GA 30144 **PRIMARY CONTACT: BRYAN PETERSON** P. (303) 910-0331 BRPETERSON@C-SGROUP.COM NATIONALACCOUNTS@C-SGROUP.COM CUSTOMERCAREORDERS@C-SGROUP.COM
10800 - **TOILET AND BATH ACCESSORIES**	TOILET PAPER DISPENSER PAPER TOWEL DISPENSER CENTER PULL PAPER TOWEL DISPENSER TOILET SEAT COVER DISPENSER VET SERVICES: PAPER TOWEL DISPENSER (LOCATIONS PER PLANS)	ITEM NO. 850187 KLEENLINE UNIVERSAL JUMBO SINGLE ROLE TISSUE DISPENSER. CORE: 3" WITH ADAPTER CONE. COLOR: BLACK ITEM NO. 850185 KLEENLINE HANDS FREE UNIVERSAL ROLL DISPENSER. CORE: 1.5"-2". COLOR: BLACK. (ALL RESTROOMS, HOLDING ROOMS, FISH PREP, ADOPTIONS, ASSOCIATE RESOURCES) ITEM NO. 855164 GEORGIA PACIFIC CENTERPULL TOWEL DISPENSER. COLOR: BLACK (ALL PET CLEANUP STATIONS) ITEM NO. HG-1-2 HOSPECO WHITE ASI 10-0215 (STAINLESS STEEL, SURFACE MOUNTED)	**BRADY PLUS** 2400 SULLIVAN ROAD COLLEGE PARK, GA 30337 PRIMARY CONTACT: JENNIFER WATTS P. (800) 858-7230 EXT. 3907 JENNIFER.WATTS@BRADYPLUS.COM SECONDARY CONTACT: DEAN PARHAM C. (404) 862-9288 DEAN.PARHAM@BRADYPLUS.COM **ALL DISPENSERS FROM BRADY PLUS ARE PRE-PURCHASED BY PETSMART (EXCEPT FOR THE VET SERVICES PAPER TOWEL DISPENSER WHICH IS PURCHASED BY THE GC FROM BRADY PLUS). GC IS TO REQUEST AN ORDER FORM FROM BRADY PLUS, PROVIDE THE QUANTITIES NEEDED, AND PROVIDE THE DATE WHEN NEEDED.**
	SOAP DISPENSER HAND SANITIZER DISPENSER	ITEM NO. D1224700 (BLACK) FOAM DISPENSER 1250 ML (ALL RESTROOMS, HOLDING ROOMS, FISH PREP, ADOPTIONS, ASSOCIATE RESOURCES) ITEM NO. D1224700 (BLACK) (ALL RESTROOMS, HOLDING ROOMS, FISH PREP, ADOPTIONS, ASSOCIATE RESOURCES, SALON, DRYING AREA)	**ODP BUSINESS SOLUTIONS - US** 6600 N MILITARY TRAIL BOCA RATON, FL 33496 PRIMARY CONTACT: WOANA DAOUD C. (310) 694-4231 WOANA.DAOUD@ODPBUSINESS.COM SECONDARY CONTACT: SUE ESPLIN C. (562) 728-7436 SUE.ESPLIN@ODPBUSINESS.COM **ALL DISPENSERS FROM ODP ARE PRE-PURCHASED BY PETSMART. GC IS TO REQUEST AN ORDER FORM FROM ODP, PROVIDE THE QUANTITIES NEEDED, AND PROVIDE THE DATE WHEN NEEDED.**
	MIRROR SANITARY NAPKIN DISPOSAL GRAB BAR - HORIZONTAL (L-SHAPE) GRAB BAR - VERTICAL GRAB BAR ANCHORS BABY CHANGING SHELF CLOTHES HOOK AND BUMPER STAINLESS STEEL SHELF	B-293 BOBRICK 18" x 36" TILT MIRROR B-270 BOBRICK STAINLESS STEEL - (SURFACE MOUNTED) B-5897 BOBRICK 42" X 54" B-5806-18 BOBRICK 18" (SIDE WALL ABOVE WC) SERIES 256 E1 BOBRICK (SUIT FASTENERS TO WALL TYPE) KOALA BEAR KARE HORIZONTAL DESIGN MODEL #KB300-01 GREY B-212 BOBRICK ALUMINUM WITH MATTE FINISH B-295 BOBRICK 16" x 5" (ALL RESTROOMS AND ABOVE EWC)	**HAINES, JONES & CADBURY (HJC)** 2706 OTIS CORLEY DRIVE, SUITE 6 BENTONVILLE, AR 72712 PRIMARY CONTACT: SYSTRA CHILDERS P. (800) 459-7099 EXT. 5964 SYSTRA.CHILDERS@HJCINC.COM PS@HJCINC.COM SECONDARY CONTACT: ASHLEY MAY P. (479) 717-5426 ASHLEY.MAY@HJCINC.COM

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MATERIAL & PRODUCT & NATIONAL VENDOR SCHEDULE

SPEC. SECTION & TITLE	MATERIAL	PRODUCT(S)	MANUFACTURER(S) OR REQUIRED VENDOR (NO EXCEPTIONS)
12000 - **FURNISHINGS**	CART BUMPER (FLOOR MOUNTED SHOPPING CART GUARD) POST & RAIL (FLOOR MOUNTED SHOPPING CART QUEUING FENCE)	CB CART BUMPER ASSEMBLY - CHROME PLATED RAIL, ZINC PLATED SPRING POST. UNIT HEIGHT: 7-1/2" UNIT LENGTHS: 2', 3', 4', 5', 6' UNIT DEPTH: 4-3/4" VOGUE MODULAR POST & RAIL - CHROME PLATED POSTS AND RAILS. DOUBLE RAIL CONFIGURATION. POST HEIGHT: 35".	**ALVARADO MANUFACTURING CO.** **(CART BUMPERS)** 12660 COLONY ST. CHINO, CA 91710 **PRIMARY CONTACT: SUE THEISING** P. (909) 591-8431 EXT. 321 STHEISING@ALVARADOMFG.COM **SECONDARY CONTACT: DALE STATON** P. (909) 591-8431 EXT. 330 C. (760) 964-2586 DSTATON@ALVARADOMFG.COM
	PARKING LOT SHOPPING CART CONTAINMENT	GALVANIZED PIPE CART CORRAL(S) #600-10	**NATIONAL CART CO. INC.** **(CART CORRALS IN PARKING AREAS)** 3125 BOSCHERTOWN RD. ST. CHARLES, MO 63301 **PRIMARY CONTACT: DENISE MOORE** P. (636) 947-3800 EXT. 134 DENISE.MOORE@NATIONALCART.COM
	FIRE ALARM SAFETY PLAN BOX (WALL MOUNTED)	MODEL #FSPB-1 (VESTIBULE)	**ROHEN FIRE PROTECTION LTD.** **(FIRE SAFETY PLAN AND BOX)** 20 VENTURE DRIVE UNIT 8 SCARBOROUGH, ON M1B 3R7 **PRIMARY CONTACT: WES JASPER** P. (416) 291-8127 WESJASPER@ROHENFIRE.CA
	SOLAR WINDOW SHADES SOLAR WINDOW SHADES WITH GRAPHICS	PHIFER SHEERWEAVE STYLE 4100 (10% OPEN WEAVE) COLOR: U62 ECO/GRANITE. INTERNAL HEMBAR, WHITE STANDARD BRACKETS, WHITE CLUTCHES W/SS CHAIN, GREY COLORED CHILD SAFETY TENSION DEVICE SAME AS ABOVE, EXCEPT THE COLOR IS TO BE U58 CHALK (USED IN PETSHOTEL ONLY U.N.O.)	**ROLL-A-SHADE INC.** **(WINDOW SHADES: SOLAR & GRAPHIC)** 12101 MADERA WAY RIVERSIDE, CA 92503 **PRIMARY CONTACT: MATT MATA** P. (951) 946-5269 MATTHEW.MATA@ROLLASHADE.COM ESTIMATES@ROLLASHADE.COM
	BATTERY CHARGER	PER SHEET E2.2	SUPPLIED BY PETSMART
	ASH/TRASH CAN	BARLETTA DOME TOPS - WITH ASHTRAY GRAY (PRDT24GRAAT) BARLETTA DOME TOPS - WITH ASHTRAY BEIGE (PRDT24BEIAT)	**JANISAN INC.** PO BOX 160332 CLEARFIELD, UT 84016 **PRIMARY CONTACT: THUVAN ZIMMER** P. (888) 526-4726 TZIMMER@JANISAN.COM
15105 - **PLUMBING** 10155 - **TOILET COMPARTMENTS**	PLUMBING FIXTURES & EQUIPMENT TOILET COMPARTMENTS & URINAL SCREENS	PER SPECIFICATIONS & PLUMBING SHEETS HADRIAN PARTITIONS - STANDARD SERIES FLOOR MOUNTED, OVERHEAD BRACED FACTORY POWDER COATED COLOR 535 LIGHT GREY. URINAL SCREEN SUPPORT POST TO BE FULL HEIGHT FROM FLOOR TO CEILING.	**HAINES, JONES & CADBURY (HJC)** 2706 OTIS CORLEY DRIVE, SUITE 6 BENTONVILLE, AR 72712 **PRIMARY CONTACT: SYSTRA CHILDERS** P. (800) 459-7099 EXT. 5964 SYSTRA.CHILDERS@HJCINC.COM PS@HJCINC.COM **SECONDARY CONTACT: ASHLEY MAY** P. (479) 717-5426 ASHLEY.MAY@HJCINC.COM
15204 - **HEATING, VENTILATION, AIR CONDITIONING**	MECHANICAL EQUIPMENT	PER SPECIFICATIONS & MECHANICAL SHEETS	**LENNOX INTERNATIONAL** 2140 LAKE PARK BLVD. RICHARDSON, TX 75080-2254 **PRIMARY CONTACT: MATTHEW MORSE** P. (972) 497-6364 MATTHEW.MORSE@LENNOX.COM LENNOXNATIONALACCOUNTS@LENNOXIND.COM **SECONDARY CONTACT: JESSE BLACK** C. (909) 283-5142 JESSE.BLACK@LENNOX.COM TECHNICAL SUPPORT: (800) 367-6285 APPLICATION SUPPORT: (888) 595-4962
	HVAC TEST & BALANCE	PER SPECIFICATIONS & MECHANICAL SHEETS	**MELINK CORPORATION** 5140 RIVER VALLEY RD. MILFORD, OH 45150 **PRIMARY CONTACT: JON SAWYER** P. (513) 965-6077 JSAWYER@MELINKCORP.COM PETSMART@MELINKCORP.COM **SECONDARY CONTACT: STEVE SUBLETT JR.** P. (513) 965-7025 SSUBLETT@MELINKCORP.COM
16000 - **BUILDING AUTOMATION & AUTOMATIC TEMPERATURE CONTROL SYSTEMS**	AUTOMATION AND TEMPERATURE CONTROL SYSTEMS EQUIPMENT	PER SPECIFICATIONS & ELECTRICAL SHEETS	**NEXREV** 601 DEVELOPMENT DRIVE PLANO, TX 75074 **PRIMARY CONTACT: CRAIG DAVIS** P. (972) 303-8586 C. (720) 384-9698 CRAIGDAVIS@NEXREV.COM PETSMART@NEXREV.COM **TECHNICAL SUPPORT** P. (866) 601-5520
16400 - **SERVICE & DISTRIBUTION**	SERVICE EQUIPMENT & DISTRIBUTION SWITCHGEAR	PER SPECIFICATIONS & ELECTRICAL SHEETS **CONTRACTOR MAY RECEIVE QUOTES FROM ONE OR BOTH VENDORS.**	**VILLA LIGHTING** 2929 CHOTEAU AVE. ST. LOUIS, MO 63103 **PRIMARY CONTACT: MELISSA BERRY** P. (314) 633-0414 MELISSA.BERRY@VILLALIGHTING.COM PETSMART@VILLALIGHTING.COM **SECONDARY CONTACT: JEFF PLASKON** P. (216) 338-2396 JEFF.PLASKON@VILLALIGHTING.COM **DOVER FOOD RETAIL (HILL PHOENIX)** 2016 GEES MILL ROAD CONYERS, GA 30013 **PRIMARY CONTACT: KRISTY PITCHFORD** P. (770) 285-3218 KPITCHFORD@DOVERFOODRETAIL.COM DFR-EDP-PETSMART@DOVERFOODRETAIL.COM **SECONDARY CONTACT: SCOTTY MAY** C. (770) 285-3248 SMAY@DOVERFOODRETAIL.COM
16500 - **LIGHTING**	LIGHT FIXTURES, RECEPTACLES, DELIVERY BUZZERS AND HORNS, GENERATOR SLEEVE, COVER PLATES, BIRD DETERRENT SYSTEM, TIMER SWITCHES, & OTHER MISC. ELECTRICAL ITEMS	PER SPECIFICATIONS & ELECTRICAL SHEETS	**VILLA LIGHTING** 2929 CHOTEAU AVE. ST. LOUIS, MO 63103 **PRIMARY CONTACT: MELISSA BERRY** P. (314) 633-0414 MELISSA.BERRY@VILLALIGHTING.COM PETSMART@VILLALIGHTING.COM **SECONDARY CONTACT: JEFF PLASKON** P. (216) 338-2396 JEFF.PLASKON@VILLALIGHTING.COM
16720 - **ALARM SYSTEM**	FIRE ALARM & SECURITY ALARM EQUIPMENT.	PER SPECIFICATIONS & ELECTRICAL SHEETS	**EVERON** 105 YAMATO RD. BOCA RATON, FL 33431 **PRIMARY CONTACT: PETER CIAPPETTA** C. (954) 235-9411 PCIAPPETTA@EVERONSOLUTIONS.COM PETSMARTCONSTRUCTION@EVERONSOLUTIONS.COM **SECONDARY CONTACT: TREVOR FINCH** 744 MELROSE AVENUE NASHVILLE, TN 37211-2151 C. (336)250-0874 TFINCH@EVERONSOLUTIONS.COM

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS, IF LOCAL CODES AND AHJ DO NOT REQUIRE FIRE ALARM SAFETY PLAN, REMOVE.

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO:
16K 2026 US INSTRUCTION SET

ORIGINAL SCALE:
AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DRAWN BY:
XXX

CHECKED BY:
XXX

PAGE #: 03 OF: 47

DISCIPLINE:
ARCHITECTURAL

TITLE:

PRODUCT SCHEDULE

SHEET NUMBER:

F2.0

OPENING SOON BANNER ORDER FORM

THIS BANNER PACKAGE CONSISTS OF (1) "OPENING SOON" BANNER REQUIRED BY PETSMART

- 13 OZ BANNER MATERIAL
- DIGITAL PRINT
- GROMMETS, HEMS & WIND HOLES

PETSMART LOGO

JOB SITE:
PETSMART STORE #
NAME
STREET
CITY
ST. ZIP

CONTRACTOR: (PAID BY)
COMPANY
STREET
CITY
ST. ZIP
PHONE

SHIP TO:
CONTACT PERSON
NAME
STREET
CITY
ST. ZIP
PHONE

PAYMENT METHOD ☐ CHECK ☐ CREDIT CARD ☐ VISA ☐ MASTERCARD
PURCHASERS NAME (EXACTLY AS IT APPEARS ON CARD, IF APPLICABLE)
SIGNATURE
DATE

COST $ (INCLUDES 1 BANNER, SHIPPING AND HANDLING)
LOCAL SALES TAX $ (PLEASE CALCULATE TAX)
TOTAL ENCLOSED $

THE BANNER PACKAGE WILL BE SHIPPED FED EX GROUND SHIPPING WITHIN 3-5 BUSINESS DAYS. (REQUIRED FOR PROCESSING AND PRODUCTION)
ALL BANNER ORDERS MUST BE PRE-PAID.

COMPLETE THIS FORM FOR EACH SEPARATE PACKAGE.
ATTACH A CHECK FOR FULL PRICE OR
EMAIL FORM FOR CREDIT CARD PAYMENT TO:

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Image National, Inc. 16265 Star Road Nampa, Idaho USA 83687-8415 tel. 208.345.4020 imagenational.com

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Hollie Cegielski	208.982.7195	hollie.cegielski@imagenational.com
Beth Ludden	986.999.2123	beth.ludden@imagenational.com

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Beth Ludden	986.999.2123	beth.ludden@imagenational.com

DESIGNER NOTE:
DESIGNER TO CONFIRM WITH PETSMART WHICH BANNER IS TO BE USED ON A PROJECT SPECIFIC BASIS.

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PURCHASERS NAME (EXACTLY AS IT APPEARS ON CARD, IF APPLICABLE)
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GENERAL CONTRACTOR MILESTONE REQUIREMENTS: (PER LEASE)

CONSTRUCTION SCHEDULE AND COST BREAKDOWN

WITHIN 10 WORKING DAYS OF EXECUTION AND DELIVERY OF THE CONTRACT FOR CONSTRUCTION AND BEFORE THE FIRST PARTIAL PAYMENT IS MADE, THE GENERAL CONTRACTOR SHALL DELIVER TO THE OWNER AND PETSMART A CONSTRUCTION PROGRESS SCHEDULE VIA ONLINE POSTING, SHOWING, AT MINIMUM, THE PROPOSED DATES OF COMMENCEMENT AND COMPLETION OF EACH OF THE VARIOUS SUBDIVISIONS OF THE WORK REQUIRED UNDER THE CONSTRUCTION DOCUMENTS AS WELL AS CERTAIN MILESTONE DATES INCLUDING 50%, MILLWORK AND AQUARIUM INSTALLATION, PUNCH LIST AND TURNOVER (SETUP), WHICH ARE DESCRIBED BELOW.

PHONE LINE / SYSTEM INSTALLATION REQUIREMENTS.

LANDLORD WITH GENERAL CONTRACTOR'S ASSISTANCE SHALL COMPLETE THE FOLLOWING:
- LANDLORD TO CONFIRM BUILDING ADDRESS AT THE OUTSET OF BUILDING WORK.
- LANDLORD TO ORDER / RESERVE BROADBAND CABLE SERVICE FOR PETSMART IN SITE SPECIFIC UTILITY PACKAGE. ORDER IS TO BE PLACED NO LATER THAN THE OUTSET OF BUILDING WORK.
- LANDLORD / CONTRACTOR TO INSTALL 3" CONDUIT TO PETSMART PHONE BACKBOARD WITH PULL STRING TO D-MARK / PHONE PEDESTAL / PULL BOX FOR ROUTING OF CABLE….TWO WEEKS PRIOR TO MILLWORK DATE.
- LANDLORD / CONTRACTOR SHALL INSTALL AND PAINT PHONE BACKBOARD (MATCH ADJACENT WALL COLOR) AND INSTALL GROUND WIRE / POWER OUTLET FOR PHONE CABLE INSTALLATION….TWO WEEKS PRIOR TO MILLWORK DATE.
- LANDLORD / CONTRACTOR SHALL IDENTIFY AND RELAY LOCATION TO PETSMART OF TELEPHONE DEMARC FOR SPACE (EXTERIOR OF BUILDING / SHARED UTILITY ROOM). ADDITIONALLY, THEY SHALL PROVIDE APPROXIMATE DISTANCE OF CABLE RUN TO PETSMART INTERIOR PHONE BACKBOARD…TWO WEEKS PRIOR TO MILLWORK.
- LANDLORD / CONTRACTOR ARE TO ENSURE PERMANENT POWER IS IN PLACE NO LATER THAN ONE WEEK PRIOR TO MILLWORK INSTALLATION (WEEK OF PHONE LINE CABLING).
  NOTE: PERMANENT POWER WILL BE REQUIRED PRIOR TO THIS TO COMPLETE INTERIOR FINISH WORK.
- LANDLORD / CONTRACTOR ARE TO ENSURE CABLE IS PULLED IN AND PUNCHED DOWN (DIAL TONE IS OPERATIONAL)…ONE WEEK PRIOR TO MILLWORK INSTALLATION.
- LANDLORD / CONTRACTOR TO ENSURE ALL ELECTRICAL OUTLETS ARE WORKING AND MISC. PHONE J-BOXES ARE INSTALLED AT MILLWORK INSTALLATION DATE.
- LANDLORD / CONTRACTOR TO INSTALL POWER POLES IMMEDIATELY AFTER REGISTER LOCATIONS ARE SET DURING MILLWORK INSTALLATION…FOR COMPLETION OF FOLLOW ON WORK.

50% OBSERVATION (EIGHT WEEKS PRIOR TO BUILDING TURNOVER /SET-UP)

ARCHITECT OF RECORD AND PETSMART REPRESENTATIVE MUST CONDUCT A COURTESY "50% OBSERVATION" TO VERIFY PROJECT IS ON SCHEDULE AND IS BEING CONSTRUCTED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS. TIME AND DATE MUST BE COORDINATED WITH PETSMART CONSTRUCTION MANAGER A MINIMUM OF THREE WEEKS PRIOR TO REQUESTED OBSERVATION DATE.
AT MINIMUM, GENERAL CONTRACTOR MUST CAUSE ALL TRADES TO MEET THE FOLLOWING REQUIREMENTS.
- ROOFING MUST BE COMPLETE AND BUILDING "DRIED IN."
- ALL HVAC UNITS AND EXHAUST FANS TO BE SET ON ROOF CURBS.
- THE ELECTRICAL SERVICE EQUIPMENT MUST BE SET IN PLACE.
- ALL INTERIOR METAL STUD WALL FRAMING MUST BE COMPLETED.
- ALL IN-WALL " MECHANICAL / PLUMBING / ELECTRICAL ROUGH-INS MUST BE COMPLETED.
- ALL STUD WALLS MUST HAVE DRYWALL INSTALLED ON ONE SIDE.
- ALL BLOCKING FOR WALL MOUNTED FIXTURES, EQUIPMENT, ETC. MUST BE INSTALLED INSIDE WALLS PER THE BLOCKING SCHEDULES.
- ALL WALL INSULATION MUST BE INSTALLED PER SPECIFICATIONS.
- ALL IN-WALL WATER LINES MUST BE INSULATED PER SPECIFICATIONS.
- THE UNDERSIDE OF THE METAL DECK AND ROOF FRAMING MUST BE PAINTED.
- SALES AREA AND RECEIVING AREA LIGHT FIXTURES MUST BE INSTALLED.
- ALL EXTERIOR DOORS MUST BE INSTALLED AND THE BUILDING MUST BE SECURED.
- THE EXTERIOR CANOPY MUST BE STARTED.
- THE 'COMING SOON' BANNER MUST BE INSTALLED ON THE EXTERIOR OF THE BUILDING.
- A 4'X8' DRYWALL FINISH SAMPLE MUST BE PREPARED AND READY FOR SUBMITTAL ON SITE.
- INTERIOR BUILDING TEMPERATURE MUST BE HELD TO A HEATING TEMPERATURE OF NOT LESS THAN 65 °F AND A COOLING TEMPERATURE OF NOT MORE THAN 75 °F.
- TEMPORARY LIGHTING MUST BE INSTALLED IN ALL AREAS OF SPACE SUFFICIENT TO CONDUCT THE OBSERVATION.

MILLWORK AND AQUARIUM DELIVERY (FOUR WEEKS PRIOR TO BUILDING TURNOVER)

GENERAL CONTRACTOR MUST CAUSE SUBCONTRACTORS TO BE APPROXIMATELY 95% COMPLETE PRIOR TO MILLWORK AND AQUARIUM DELIVERY. MILLWORK PACKAGE IS CONTRACTED AND COORDINATED BY GENERAL CONTRACTOR THROUGH PETSMART'S REQUIRED VENDOR. MILLWORK PACKAGE WILL ARRIVE ON A MONDAY. AQUARIUM PACKAGE IS COORDINATED BY PETSMART. AQUARIUM EQUIPMENT WILL ARRIVE ON TUESDAY 2 WEEKS AFTER MILLWORK. COORDINATE VENDOR WITH PETSMART CONSTRUCTION MANAGER.
GENERAL CONTRACTOR MUST CAUSE THE FOLLOWING ITEMS TO OCCUR PRIOR TO MILLWORK AND AQUARIUM DELIVERY…
- ALL FLOOR FINISHES 100% COMPLETED
- ALL PAINTING (FINISH COAT) 100% COMPLETED.
- MINIMUM 75% OF THE SALES FLOOR MUST BE CLEAR INCLUDING THE AREA SURROUNDING THE CHECKSTANDS AND THE AREA AROUND THE FISH EQUIPMENT. THIS IS WHERE THE MILLWORK AND AQUARIUM INSTALLERS WILL WORK FROM DURING THE INSTALL.
- ALL EXTERIOR DOORS AND LOCKS MUST BE INSTALLED AND FUNCTIONING.
- ENTIRE BUILDING MUST HAVE CLEAR ACCESS INTO AND OUT OF THE BUILDING AND INTO AND OUT OF ALL ROOMS.
- ALL EXTERIOR ELEVATIONS RECEIVING SIGNAGE MUST BE READY FOR INSTALL.
- FORKLIFT, BATTERY CHARGER, AND PALLET JACKS WILL BE DELIVERED TO STORE THE THURSDAY (CONFIRMED BY G.C.) BEFORE DELIVERY OF MILLWORK AND AQUARIUMS. **CHARGER TO BE HOOKED UP AND PLUGGED INTO FORKLIFT IMMEDIATELY SO IT IS FULLY CHARGED WHEN THE MILLWORK AND AQUARIUMS ARRIVE MONDAY MORNING.**
- HAVE ALL STAINLESS STEEL SINKS ON SITE SO MILLWORK INSTALLER CAN CUT IN.
- UTILITY INFORMATION MUST BE POSTED ON WEB PAGE UNDER PROJECT INFO AREA
- **ALL PERMANENT UTILITIES MUST BE COMPLETED, CONNECTED, AND SERVICING THE BUILDING.**
- THE ENTIRE SPACE MUST HAVE CONDITIONED AIR. THE HVAC SYSTEM MUST HAVE BEEN STARTED UP AND SHOULD BE FUNCTIONING. (DOES NOT NEED TO BE RUNNING THROUGH THE EMS SYSTEM AT THIS TIME.)
- THE LIGHTING SYSTEM MUST BE INSTALLED 100% COMPLETE AND FUNCTIONING.
- ALL CEILING GRID AND TILE MUST BE INSTALLED WITH FUNCTIONING LIGHT FIXTURES AND HVAC DROPS INSTALLED.
- PHONE LINES FROM THE LOCAL EXCHANGE CARRIER MUST HAVE BEEN PULLED INTO THE BUILDING AND LANDED AT THE TELEPHONE DEMARC ON THE TELEPHONE BACKBOARD NEAR THE POWERWALL (IPC) ELECTRICAL SERVICE EQUIPMENT.
- THE ENTIRE BUILDING MUST BE BROOM CLEAN.
- THE MILLWORK INSTALLER SHOULD INSTALL THE CHECK STANDS AS ONE OF THEIR FIRST TASKS. ONCE THE CHECK STANDS HAVE BEEN SET IN PLACE THE ELECTRICAL CONTRACTOR SHOULD IMMEDIATELY INSTALL THE POWER / DATA.
- THE FINAL ELECTRICAL AND PLUMBING CONNECTIONS FOR THE AQUARIUM SYSTEM SHOULD BE MADE IMMEDIATELY FOLLOWING THE SYSTEMS INSTALLATION BUT NO LATER THAN THURSDAY OF THE INSTALLATION WEEK.

PUNCH LIST

THE ARCHITECT OF RECORD WILL PERFORM THE FINAL PUNCH LIST ALONG WITH THE PETSMART CONSTRUCTION MANAGER APPROXIMATELY TEN BUSINESS DAYS AFTER GENERAL CONTRACTOR'S RECEIPT OF THE MILLWORK PACKAGE. GENERAL CONTRACTOR SHALL COORDINATE EXACT DATE AND TIME WITH PETSMART CONSTRUCTION MANAGER. AT MINIMUM, THE FOLLOWING CRITERIA MUST BE MET PRIOR TO BUILDING PUNCH.
- ALL LIGHTING, HVAC, EMS, PLUMBING AND LIFE SAFETY SYSTEMS MUST BE 100% FUNCTIONAL.
- SUPERINTENDENT WILL HAVE COMPLETED THEIR OWN "PRE-PUNCH" AND REPORTED RESULTS TO PETSMART CONSTRUCTION MANAGER.
- ALL PAINT TOUCH-UPS MUST BE COMPLETE.
- BUILDING FINAL CLEANING MUST BE COMPLETE.
- PARKING LOT MUST BE 100% COMPLETE INCLUDING ALL STRIPING, SIGNAGE AND CART CORRALS.
- ANY LANDSCAPING MUST BE COMPLETED PER PLANS.
- ALL CONSTRUCTION TOOLS, EQUIPMENT AND MATERIALS MUST BE REMOVED.
- ATTIC STOCK MUST BE READY FOR VERIFICATION BY PETSMART CONSTRUCTION MANAGER. SEE SECTION 1700 FOR FULL LIST OF REQUIRED PARTS.
- PROVIDE A PHOTO OF THE FIRE SPRINKLER HYDRAULIC CALCULATION SYSTEM PLACARD INSTALLED AT THE FIRE RISER TO PETSMART CM.

BUILDING TURNOVER (SETUP)

BUILDING TURNOVER (ALSO KNOWN AS THE "SET-UP DATE") WILL OCCUR FOUR WEEKS AFTER RECEIPT OF THE MILLWORK PACKAGE. GENERAL CONTRACTOR WILL BE SUBSTANTIALLY COMPLETE WITH THE "PUNCH ITEMS" PRIOR TO THIS DATE. PETSMART'S FIXTURE VENDOR WILL ARRIVE ON MONDAY AT 8:00 AM, LOCAL TIME. GENERAL CONTRACTOR WILL MEET THE FIXTURE VENDOR ON SITE TO TURN THE KEYS OVER TO THE FIXTURE INSTALLATION FOREMAN. AT MINIMUM, THE FOLLOWING CRITERIA MUST BE MET PRIOR TO THE SETUP DATE.
- GOVERNMENTAL PERMISSION TO FIXTURE MUST BE OBTAINED.
- GOVERNMENTAL PERMISSION TO INTERVIEW POTENTIAL EMPLOYEES MUST BE GRANTED ONE WEEK PRIOR TO THE "SET-UP DATE."
- ANY CLEANING REQUIRED BY PUNCH LIST REPAIRS MUST BE COMPLETED.
- GENERAL CONTRACTOR WILL COORDINATE WITH THE FIXTURE INSTALLER AND THE ELECTRICIAN FOR FIXTURES REQUIRING POWER DROPS APPROXIMATELY 4 DAYS AFTER FIXTURES START.

DESIGNER NOTE:
DESIGNER TO REVISE TO 60" IF 2017 NEC/ANSI 117.1 IS TO BE USED.

ARCHITECTURAL G1 GENERAL KEY NOTES:

G1. HIGH POINT OF CONCRETE - SLOPE TOWARD TRENCH.
G2. 4" WIDE PAINTED OUTLINE FOR EQUIPMENT ON FLOOR. PAINT TRAFFIC YELLOW.
G3. TRENCH DRAIN.
G4. FLOOR DRAIN - SLOPE FLOOR 1/4" FOR A 2'-0" DIA. AREA CENTERED ON DRAIN. SEE PLUMBING DRAWINGS. TOP OF DRAIN COVER TO FINISH FLUSH W/ TOP OF ADJ. FLOOR FINISH MATERIAL.
G5. INTERIOR RAIN WATER LEADER.
G6. NOT USED.
G7. REQUIRED CLEAR ACCESS AREA AT DOOR.
G8. CONTINUOUS LIMESTONE COLORED SIKAFLEX SEALANT FOR TILE TRANSITION TO FLOOR.
G9. STORAGE CABINET (BY OTHERS).
G10. WASHER BOX FOR ICE MAKER - SEE PLUMBING DWGS.
G11. 2" x 2" PLASTIC CORNER GUARD - INSTALL PER MANUFACTURERS INSTRUCTIONS (SEE REQUIRED VENDOR LIST). BUTT WALL BASE TO CORNER GUARD. SEE DETAIL 11/A12.0.
G12. 2" x 2" ALUMINUM CORNER GUARD. WRAP JAMBS AND HEAD WHEN OCCURRING AT CASED OPENINGS - SEE DETAIL 12/A12.0. (FURNISHED AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR)
G13. WALL SURFACE MOUNTED CART BUMPER +2'-6" TO CENTERLINE - PROVIDE BLOCKING - SEE DETAIL 7/A12.0 (SEE REQUIRED VENDOR LIST).
G14. FLOOR MOUNTED CART BUMPER - POLISHED CHROME. (SEE REQUIRED VENDOR LIST.)
G15. WALL SURFACE MOUNTED CART BUMPER GUARD ABOVE AND SURFACE MOUNTED CRASH RAIL BELOW - PROVIDE BLOCKING - SEE DETAIL 7/A12.0. (SEE REQUIRED VENDOR LIST).
G16. 4' x 4' WALL MOUNTED TACKBOARD PROVIDED AND INSTALLED BY OTHERS.
G17. 4' x 6' WALL MOUNTED TACKBOARD PROVIDED AND INSTALLED BY OTHERS.
G18. DECORATIVE FENCE AND GATE (NATIONAL ACCOUNT MILLWORK VENDOR).
G19. CHEMICAL MIXING STATION (BY OTHERS).
G20. REFRIGERATOR / FREEZER (BY OTHERS).
G21. MILLWORK (NATIONAL ACCOUNT MILLWORK VENDOR)
G22. VENDING MACHINES (BY OTHERS).
G23. TAG MACHINE (BY OTHERS).
G24. ADOPTION FIXTURE / CAGES (NATIONAL ACCOUNT MILLWORK VENDOR).
G25. PET TRAINING FIXTURE (NATIONAL ACCOUNT MILLWORK VENDOR).
G26. SOAP DISPENSER.
G27. SOAP DISPENSER. ATTACH TO RIGHT HAND CORNER OF MIRROR OVER SINK.
G28. HAND SANITIZER.
G29. PAPER TOWEL DISPENSER. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G30. TOILET PAPER DISPENSER. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G31. TOILET SEAT COVER DISPENSER. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G32. SANITARY NAPKIN DISPOSAL. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G33. TILT MIRROR - CAULK PERIMETER TO WALL WITH CLEAR SILICONE.
G34. STAINLESS STEEL, 1-1/4" DIA. GRAB BAR. INSTALL HORIZ. WALL BLOCKING FOR SOLID MOUNTING, TYP. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G35. KOALA BEAR KARE BABY CHANGER MANUFACTURED BY KOALA CORPORATION, HORIZONTAL TYPE, MOUNTED AT ACCESSIBLE HEIGHT. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G36. OVERHEAD BRACED METAL TOILET PARTITION AND URINAL SCREEN WITH FLOOR TO CEILING POST. PROVIDE WALL BUMPERS AT ADA STALL DOORS.
G37. 3/8" GALVAVANIZED EYEBOLT EPOXY ANCHORED 2 1/2" (MIN) IN FLOOR 4" OFF THE FACE OF WALL UNLESS NOTED OTHERWISE. TOP OF EYEBOLT TO BE 3" AFF.
G38. INSULATED DRAIN AND HOT WATER LINE TYP. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G39. 5'-0" A.D.A. TURNING DIAMETER.
G40. 30" x 48" CLEAR ACCESS. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G41. LOW/HIGH DRINKING FOUNTAIN, MOUNT PER A.D.A. REQUIREMENTS - PROVIDE 2x6 BLOCKING AS REQUIRED. CAULK REAR OF DRINKING FOUNTAIN TO FRP W/ CLEAR SILICONE SEALANT.
G42. CLOTHES HOOK AND BUMPER. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G43. WALLBOARD, PAINT - SEE FINISH SCHEDULE.
G44. FRP WALL COVERING SYSTEM. INSTALL PER MFR. DETAILS & INSTRUCTIONS.
G45. 12" X 12" CERAMIC TILE, CONTINUE THE CERAMIC TILE BEHIND ALL FIXTURES.
G46. 6" X 24" CERAMIC TILE, CONTINUE THE CERAMIC TILE BEHIND ALL FIXTURES.
G47. PROVIDE CONTINUOUS LIMESTONE COLORED SIKAFLEX 1A AT JOINT OF PLYWOOD WALL FINISH AND FLOOR.
G48. 4" RUBBER BASE.
G49. 4" RUBBER BASE ON FRP. FRP INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR, RUBBER BASE INSTALLED BY GC.
G50. COMPOSITE BASE - TANGENT RESIN BOARD SUPPLIED AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR.
G51. RECESSED ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS.
G52. SALES AREA LIGHT FIXTURE IN FOREGROUND.
G53. UNFINISHED WALLBOARD, TAPE, MUD & SAND.
G54. FIRE ALARM PULL STATION.
G55. FIRE ALARM ANNUNCIATOR PANEL.
G56. SECURITY ALARM KEYPAD.
G57. DATA OUTLET.
G58. DUPLEX RECEPTACLE.
G59. QUADPLEX RECEPTACLE.
G60. DECORATIVE GRAPHICS LEDGE (BY OTHERS). GC TO PROVIDE 24" HIGH CONTINUOUS 3/4" PLYWOOD BLOCKING IN STUD WALL FOR DECORATIVE LEDGE ATTACHMENT.
G61. LIGHT SWITCH.
G62. JUNCTION BOX.
G63. DOORBELL / BUZZER FOR SALON CUTTING AREA. BUTTON IN MILLWORK PROVIDED BY NATIONAL ACCOUNT MILLWORK VENDOR, INSTALL BY E.C..
G64. VOLUME CONTROL.
G65. BUZZER.
G66. REMOTE TEMPERATURE SENSOR.
G67. REMOTE HUMIDITY/TEMPERATURE SENSOR.
G68. THERMOSTAT.
G69. DISCONNECT FOR WATER HEATER.
G70. RECIRCULATING PUMP SWITCH.

ARCHITECTURAL G1 GENERAL KEY NOTES:

G71. RECIRCULATING PUMP - SEE PLUMBING DWGS.
G72. WATER HEATER.
G73. BATTERY CHARGER - MOUNT AT 3'-0" A.F.F. W/ PROVIDED HARDWARE.
G74. MOP SINK - SEE DETAIL 3/A12.0.
G75. MOP HANGER W/ CLIPS AT +4'-6" A.F.F. PROVIDE 2X BLOCKING AS REQUIRED. RUBBER TIPS TO BE IN UP POSITION.
G76. ENERGY MANAGEMENT SYSTEM NATIONAL ACCOUNT VENDOR PUSH BUTTON OVERRIDE.
G77. 3/4" FIRE RETARDANT TREATED CDX PLYWOOD TO 16'-0" A.F.F. INSTALLED HORIZONTALLY WITH STAGGERED JOINTS. SCREW FASTENED INTO METAL STUDS. UNFINISHED, CONTINUOUS CAULK AT END OF RUN. PROVIDE 5/8" GYP. BD. ABOVE 16'-0" TO ROOF DECK.
G78. G.C. SHALL WRAP EXPOSED COLUMN WITH 18 GA., #4 BRUSHED STAINLESS STEEL TO 48" A.F.F. (TYP. OF ALL EXPOSED COLUMNS) CAULK ALL SEAMS W/ CLEAR SILICONE SEALANT. SEE DETAIL 2/A12.0.
G79. 4" DIA. INTERIOR CONCRETE FILLED PIPE BOLLARD. SEE DETAIL 4/A12.0.
G80. 48" HIGH STEEL TRACK GUARD BY LOADING DOCK EQUIPMENT VENDOR. SECURE TO FLOOR PER MANUFACTURERS RECOMMENDATIONS.
G81. 6" PVC TUBE W/ END CAPS FOR CONSTRUCTION DOCUMENT STORAGE. G.C. TO SUPPLY AND INSTALL. G.C. TO PLACE FULL SET OF RECORD DRAWINGS IN TUBE AT COMPLETION OF PROJECT. SUPPLIED AND INSTALLED BY G.C./E.C. SEE DETAIL 6/A12.0.
G82. ATTACH IPC POWER PANELS TO WALL PER MFR. INSTRUCTIONS. ATTACH XFMR SHELF TO VENDOR PROVIDED BRACKET. SECURE BRACKET TO WALL PER WALL TYPE DETAIL W13.
G83. MAXIMUM SPACE ALLOWED FOR FIRE PROTECTION & DOMESTIC WATER.
G84. SELF CONTAINED PORTABLE EYEWASH BY OTHERS.
G85. FIRE RISER/SPRINKLER SYSTEM SHUTOFF VALVE.
G86. MUSIC EQUIPMENT BOARD BY OTHERS.
G87. MECHANICAL GRILLE, FACTORY FINISH WHITE (DO NOT PAINT) - SEE MECHANICAL PLANS. LOCATED AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED.
G88. TIMER SWITCHES.
G89. GYPSUM BOARD CONTROL JOINT AT THIS LOCATION. INSTALL PER SPECIFICATIONS.
G90. CONCRETE BLOCK WALL
G91. SINGLEPLEX RECEPTACLE.
G92. PHONE BOARD.
G93. EXPOSED PIPING - DO NOT PAINT.
G94. PLUMBING VALVES (SURFACE MOUNTED).
G95. CONCRETE CURB INTEGRAL WITH SLAB ON GRADE.
G96. WATER HEATER EXPANSION TANK, WALL MOUNTED.
G97. TILE TO EXTEND TO EDGE OF TRAINING FIXTURE. INSTALL TILE AFTER TRAINING FIXTURE IS ON SITE AND EXACT LOCATION CAN BE FIELD VERIFIED.
G98. FRAMED MIRROR - SUPPLIED AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR - SEE INTERIOR ELEVATIONS.
G99. CAGES (BY OTHERS).
G100. BENCHES - FURNISHED AND INSTALLED BY OTHERS.
G101. LEASH BAR - FURNISHED AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR.
G102. SHELF FOR BATHING BUBBLER INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR FOR PETSMART.
G103. 5" x 16" STAINLESS STEEL SHELF FOR BATHROOM AND DRINKING FOUNTAIN. SEE MATERIAL AND PRODUCT SCHEDULE ON SHEET F2.0. PROVIDE BLOCKING IN WALL. SEE ADA ACCESSIBILITY NOTES ON SHEET A0.2.
G104. MASTER BLASTER HANGING CLIPS TO BE FURNISHED AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR.
G105. OUTLINE OF 3/4" PLYWOOD BLOCKING, SEE BLOCKING SCHEDULE.
G106. LIGHTING IN RECEIVING AREA MOUNTED ABOVE THE BOTTOM CHORD OF STEEL JOISTS.
G107. FORKLIFT TURNING RADIUS, 12' DIAMETER.
G108. SOLAR WINDOW SHADES - SEE MATERIAL & PRODUCT SCHEDULE. INSTALLED FROM TOP OF WINDOW TO TOP OF HORIZONTAL MULLION 7'-6" A.F.F. AT AUTO SLIDER TRANSOM AND FROM TOP OF WINDOW TO SILL AT FULL HEIGHT WINDOWS - SEE DETAIL 13/A6.1.
G109. LOCKERS PROVIDED AND INSTALLED BY OTHERS.
G110. BIRD DETERRENT SHOCK TRACK SYSTEM CHARGER BY NIXALITE OF AMERICA, INC. SUPPLIED BY NATIONAL ACCOUNT LIGHTING VENDOR (SEE MATERIAL & PRODUCT SCHEDULE). INSTALL PER MANUFACTURERS RECOMMENDATIONS. MOUNT TOP AT 7'-6" A.F.F.
G111. MECHANICAL DUCT DROP, PAINT TO MATCH C-1, HOLD TIGHT TO BOTTOM OF ROOF STRUCTURE - SEE MECHANICAL DRAWINGS.
G112. AREA TO REMAIN CLEAR FOR NATIONAL ACCOUNT DECOR GRAPHICS PROVIDED AND INSTALLED BY OTHERS.
G113. ROOM SIGNAGE - SEE HARDWARE SCHEDULE.
G114. DOOR STOP - SEE HARDWARE SCHEDULE.
G115. EMERGENCY BATTERY UNIT - SEE ELECTRICAL DRAWINGS.
G116. CAULK TOP AND VERTICAL EXPOSED EDGES OF CERAMIC TILE WITH LIMESTONE COLORED SIKAFLEX 1A.
G117. ROOF ACCESS LADDER - PAINT YELLOW - SEE 1/A12.0.
G118. WALL MOUNTED LIGHT FIXTURE - SEE ELECT. DWGS.
G119. VERTICAL STORING HYDRAULIC PIT LEVELER.
G120. DOCK LEVELER CONTROL BOX AND OVERHEAD PHOTOEYE.
G121. PROPORTIONER SOAP DISPENSER
G122. DOCK LEVELER OR SCISSOR LIFT PIT STEEL ANGLE - PAINT YELLOW
G123. STAINLESS STEEL SHELF FOR FISH PREP, PROVIDED BY NATIONAL ACCOUNT VENDOR. SEE MATERIAL AND PRODUCT SCHEDULE ON SHEET F2.0. PROVIDE BLOCKING IN WALL.
G124. FIRE SAFETY PLAN
G125. INSTALL SIGNAGE "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" ABOVE BOTH INTERIOR AND EXTERIOR SLIDERS.
G126. 3" PVC. NIPPLE THROUGH WALL. TOP OF NIPPLE/PIPE INSTALLED IN LINE WITH AND 1" BELOW BOTTOM CHORD OF BAR JOIST. PAINT TO MATCH WALL COLOR.
G127. PROVIDE 4" CONCRETE HOUSEKEEPING PAD FOR EQUIPMENT. SEE DETAIL 6/E3.0.
G128. WALL CLEAN OUT - SEE PLUMBING DRAWINGS.
G129. SURFACE MOUNTED CART BUMPER +6" AND +2'-6" TO CENTERLINE (FURNISHED AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR)

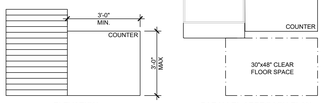
DESIGNER NOTE:
ON A PROJECT SPECIFIC BASIS AS NEEDED, G129 LOCKERS PROVIDED AND INSTALLED BY OTHERS. PROVIDE INTERMEDIATE POWER AT THE SHELL ON THE OPPOSITE SIDE OF ACCESSIBILITY.

ARCHITECTURAL X1 EXTERIOR KEY NOTES:

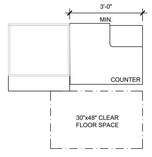
X1. SIDEWALK
X2. SIDEWALK CONTROL JOINT - 1/4" MAX. TOOLED JOINT. LOCATE WHERE INDICATED ON PLAN (6'-0" O.C. MAX.)
X3. SIDEWALK EXPANSION JOINT. LOCATE WHERE INDICATED ON PLAN (20'-0" O.C. MAX.) - SEE STRUCT. DWGS.
X4. 1/2" EXPANSION JO

NOTES:

1. ACCESSIBLE PORTION TO BE SAME DEPTH AS ADJACENT COUNTER AND 36" WIDE MINIMUM.
2. COUNTER HEIGHT TO BE LOCATED AT 36" MAXIMUM ABOVE FINISH FLOOR.
3. PROVIDE AT LEAST ONE ACCESSIBLE COUNTER OF EACH TYPE (IE ORDER, PICK-UP, EXPRESS, RETURNS AND DISPERSED, ETC.)



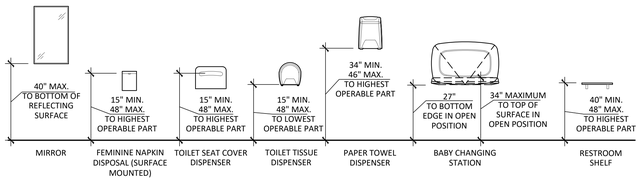
ELEVATION



PARALLEL APPROACH PLAN

14 A0.2 TYPICAL SALES & SERVICE COUNTERS

SCALE: 3/8"=1'-0"

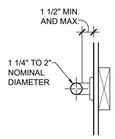


13 A0.2 TYPICAL ACCESSORY MOUNTING HEIGHTS

SCALE: 3/8"=1'-0"

GRAB BAR NOTES:

1. BENDING STRESS IN GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
2. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT. IF THE CONNECTION BETWEEN THE GRAB BAR OR SEAT AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL BE TOTALED FOR THE COMBINED SHEAR STRESS, WHICH SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
3. SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHATEVER IS THE SMALLER ALLOWABLE LOAD.
4. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250 LBF PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND THE SUPPORTING STRUCTURE.

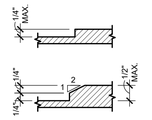


12 A0.2 GRAB BAR DETAIL

SCALE: 1-1/2" = 1'-0"

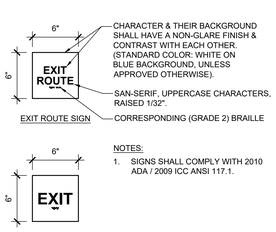
NOTES:

1. CHANGES IN LEVEL GREATER THAN 1/4" IN HEIGHT AND NOT MORE THAN 1/2" MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.



11 A0.2 FLOOR TRANSITION

SCALE: 6" = 1'-0"

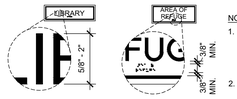


EXIT ROUTE SIGN

EXIT SIGN

NOTES:

1. SIGNS SHALL COMPLY WITH 2010 ADA / 2009 ICC ANSI 117.1.



HEIGHT OF RAISED CHARACTERS — POSITION OF BRAILLE

TACTILE CHARACTER HEIGHT A.F.F.

NOTES:

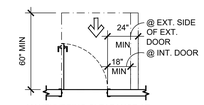
1. RAISED CHARACTERS SHALL COMPLY WITH 703.3 & SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.4. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 703.4.5.
2. BRAILLE SHALL BE CONTRACTED (GRADE 2) & COMPLY WITH 703.4 & 703.4.5.
3. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT PER 703.4.4
4. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" (150 MM) MINIMUM. CHARACTERS & BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD PER 703.5.2.
5. PICTOGRAMS & THEIR FIELD SHALL HAVE A NON GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD PER 703.5.3.

10 A0.2 EXIT SIGNAGE

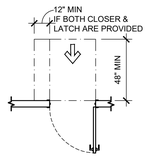
SCALE: 1-1/2" = 1'-0"

9 A0.2 TACTILE SIGNAGE

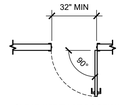
SCALE: N.T.S.



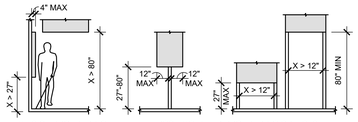
MANEUVERING CLEARANCE AT MANUAL SWING DOOR - FRONT APPROACH, PULL SIDE



MANEUVERING CLEARANCE AT MANUAL SWING DOOR - FRONT APPROACH, PUSH SIDE



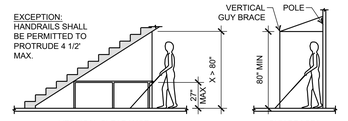
CLEAR WIDTH AT DOORWAY



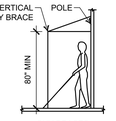
LIMITS OF PROTRUDING OBJECTS

POST-MOUNTED PROTRUDING OBJECTS

EXCEPTION: HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4 1/2" MAX.



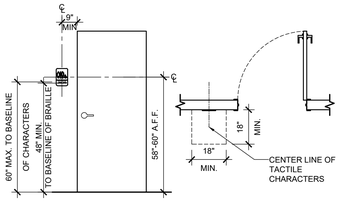
VERTICAL CLEARANCE



GUY BRACES

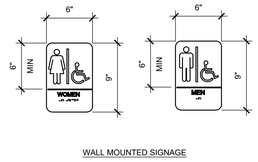
NOTES:

1. INSTALL SIGNS ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR.
2. ENSURE A CLEAR FLOOR SPACE 18" BY 18" CENTERED ON THE TACTILE CHARACTERS.



8 A0.2 TACTILE SIGNAGE

SCALE: 3/8"=1'-0"

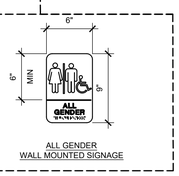


WALL MOUNTED SIGNAGE

7 A0.2 RESTROOM SIGNAGE

SCALE: 1 1/2"=1'-0"

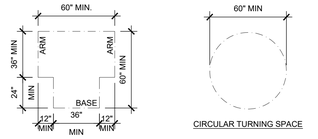
DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS IF FLOWABLE, COMMON CODES AND JURISDICTIONAL CODES REQUIRE, PROVIDE ALL GENDER RESTROOM SIGNAGE IN LIEU OF MEN AND WOMEN'S RESTROOM SIGNAGE.



ALL GENDER WALL MOUNTED SIGNAGE

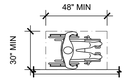
NOTES:

1. RESTROOM SIGNAGE SHALL COMPLY WITH 2010 ADA / 2009 ICC ANSI 117.1 REGULATIONS.

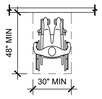


T-SHAPED TURNING SPACE

CIRCULAR TURNING SPACE



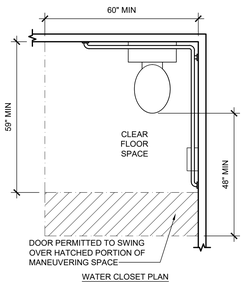
PARALLEL CLEAR FLOOR SPACE



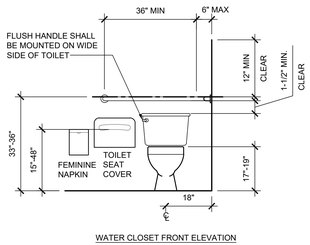
FORWARD CLEAR FLOOR SPACE

6 A0.2 ACCESSIBILITY CLEARANCES

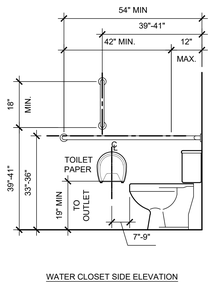
SCALE: 1/4"=1'-0"



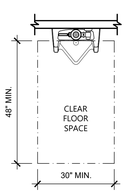
WATER CLOSET PLAN



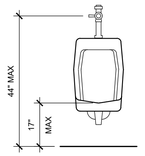
WATER CLOSET FRONT ELEVATION



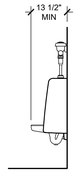
WATER CLOSET SIDE ELEVATION



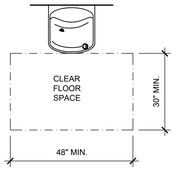
URINAL PLAN



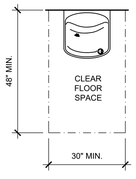
URINAL FRONT ELEVATION



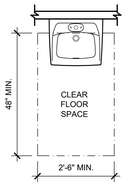
URINAL SIDE ELEVATION



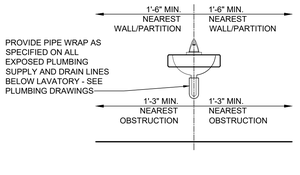
SIDE APPROACH PLAN AT DRINKING FOUNTAIN



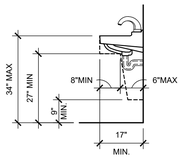
FRONT APPROACH PLAN AT DRINKING FOUNTAIN



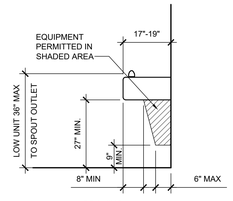
LAVATORY PLAN



LAVATORY FRONT ELEVATION



LAVATORY SIDE ELEVATION



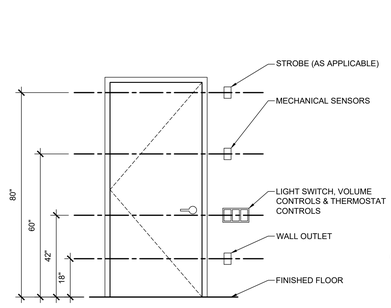
DRINKING FOUNTAIN SIDE ELEVATION

5 A0.2 DOOR & DOORWAY CLEARANCES

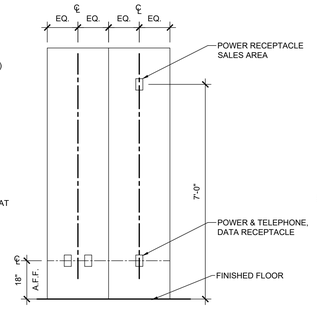
SCALE: 1/4"=1'-0"

4 A0.2 PROTRUDING OBJECTS

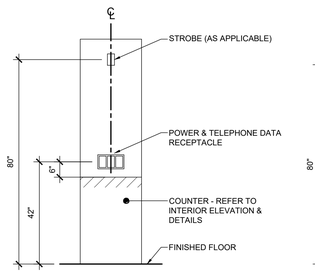
SCALE: 3/16"=1'-0"



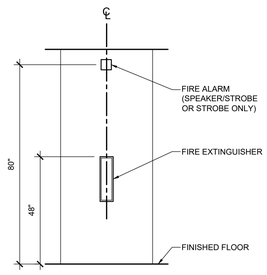
A — TYPICAL LOCATION OF LIGHT SWITCH, VOLUME CONTROLS, FIRE ALARM PULL STATIONS, THERMOSTAT, ETC.



B — TYPICAL LOCATION FOR POWER & TELEPHONE OUTLETS AT WALL OR COLUMN



C — TYPICAL LOCATION FOR OUTLET, SWITCH & THERMOSTAT, ETC. @ COUNTERTOP



D — TYPICAL LOCATION FOR ONE OR TWO MOUNTED FIRE ALARM DEVICES/VISUAL ALARM FEC

3 A0.2 TYPICAL DEVICE MOUNTING HEIGHTS

SCALE: 1/2"=1'-0"

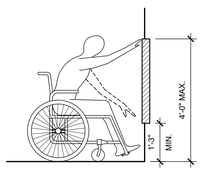
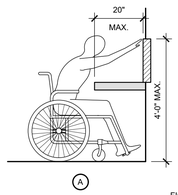


FIGURE 308.2.1 UNOBSTRUCTED FORWARD REACH



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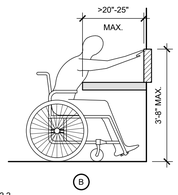


B

FIGURE 308.2.2 UNOBSTRUCTED HIGH FORWARD REACH

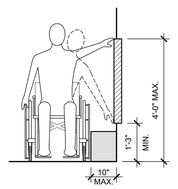
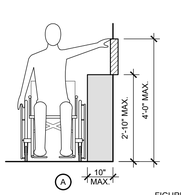


FIGURE 308.3.1 UNOBSTRUCTED SIDE REACH



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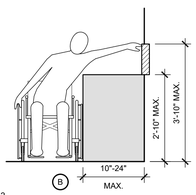


B

FIGURE 308.3.2 UNOBSTRUCTED SIDE REACH

2 A0.2 TYPICAL PLUMBING ELEMENTS & FACILITIES

SCALE: 1/2"=1'-0"

1 A0.2 TYPICAL ACCESSIBILITY REACH CLEARANCES

SCALE: 1/2"=1'-0"

GENERAL NOTES:

1. ALL CLEARANCES, MOUNTING HEIGHTS, PATHS OF TRAVEL ETC. SHALL BE PER 2010 ADA / 2009 ICC ANSI 117.1 ACCESSIBILITY STANDARDS.

A.D.A. ACCESSIBILITY:

1. H.C. ACCESS TO THESE FACILITIES ARE PROVIDED AT PRIMARY ENTRANCE.
2. THE SLOPE OF PUBLIC WALKS SHALL NOT EXCEED MAX., CROSS SLOPE 2% WALKING SURFACE SLOPING GREATER THAN 2% SHALL BE SLIP RETARDANT.
3. PROVIDE A 60" x 60" MIN. LANDING ON STRIKE SIDE OF DOOR WITH 44" MIN. WIDTH IN DIRECTION OF TRAVEL.
4. WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
5. RAMPS SHALL BE 48" WIDE MIN. AND HAVE A SLIP-RETARDANT SURFACE.
6. EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3 FT. WIDE BY NOT LESS THAN 6'-8" HIGH CAPABLE OF OPENING 90 DEGREES AND MNTD. SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MIN.
7. THRESHOLD TO BE A MAX. 1/4" ABOVE ADJACENT FINISH FLOOR.
8. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS.
9. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
10. PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH - PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (34" TO 44" A.F.F.)
11. ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL HAVE 32" CLEAR UNOBSTRUCTED OPENINGS.
12. LOCATE W.C. IN A 56" x 60" MIN. AREA, 18" FROM WALL TO CENTER LINE OF W.C.
13. PROVIDE 48" x 48" SPACE AT PUSH SIDE OF DOOR AND 54" x 60" DEEP SPACE AT PULL SIDE OF DOOR INTO TOILET ROOM AND W.C. STALL.
14. PROVIDE 1-1/4" MIN- 2" MAX. DIA. GRAB BARS AT 33" - 36" MAX. A.F.F. TO TOP OF GRIPPING SURFACE AT REAR AND SIDE OF W.C. WITH 1-1/2" CLR. FROM WALL. GRAB BAR AT SIDE TO BE MIN. 42" LONG AND EXTEND 54" FROM BACK WALL OF TOILET. REAR GRAB BAR TO BE MIN. 36" LONG AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12" MIN. ON ONE SIDE AND 24" MIN. ON THE OTHER SIDE. BAR FASTENERS AND MOUNTING SUPPORTS TO WITHSTAND A MIN. 250 LBS. PER FT. IN BENDING, SHEAR STRESS AND SHEAR FORCE.
15. WATER CLOSETS SHALL HAVE A SEAT HEIGHT OF 17" TO 19" A.F.F FLUSH VALVES TO HAVE MAX. 5 LBS. OPERATING FORCE.
16. URINAL TO HAVE AN ELONGATED RIM AT 17" A.F.F MAX. AND A CLEAR SPACE OF 30" x 48" IN FRONT. FLUSH VALVES TO BE MOUNTED 44" A.F.F. AND HAVE MAX. 5 LBS. OPERATING FORCE.
17. PROVIDE 30" x 48" CLEAR SPACE IN FRONT OF LAVATORY AND 29" CLEAR FROM FLOOR TO BOTTOM OF APRON FOR KNEE SPACE.
18. PROVIDE A CLEARANCE 27" HIGH x 8" DEEP BEHIND FRONT OF LAVATORY AND A TOE CLEARANCE OF 9" FROM THE FLOOR AND 17" DEEP FROM THE FRONT OF THE LAVATORY.
19. INSULATE HOT WATER AND DRAIN PIPES AT HAND SINKS.
20. FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE GRASPING, PINCHING, OR TWISTING. FAUCET TO HAVE MAX. 5 LBS. OPERATING FORCE.
21. LOCATE TOWEL, SANITARY NAPKIN, AND WASTE RECEPTACLES WITH ALL OPERABLE PARTS AS INDICATED BELOW:
    FOR FORWARD APPROACH:
    - MAXIMUM 44" A.F.F. IF 20"-25" WIDE OBSTRUCTION
    - MAXIMUM 48" A.F.F. IF 20" OR LESS WIDE OBSTRUCTION

    FOR SIDE APPROACH:
    - MAXIMUM 46" A.F.F. IF 10"-24" WIDE OBSTRUCTION
    - MAXIMUM 48" A.F.F. IF 10" OR LESS WIDE OBSTRUCTION
22. LOCATE TOILET PAPER DISPENSERS ON THE WALL 7" MINIMUM AND 9" MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED FROM THE FRONT EDGE OF THE TOILET SEAT TO THE CENTERLINE OF THE DISPENSER AND 19" A.F.F.

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

AUGUST 19, 2026

ARCHITECT:

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS EDIT ON A PROJECT SPECIFIC BASIS DESIGNER NOTE: USE THIS SHEET FOR 2010 ADA OR 2009 ANSI 117.1

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:

THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

DRAWN BY: XXX

CHECKED BY: XXX

PAGE # 05 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE — 1"

DISCIPLINE: ARCHITECTURAL

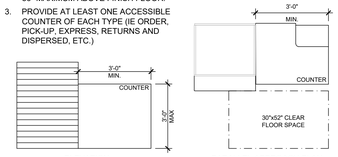
TITLE:

ACCESSIBILITY DETAILS

SHEET NUMBER:

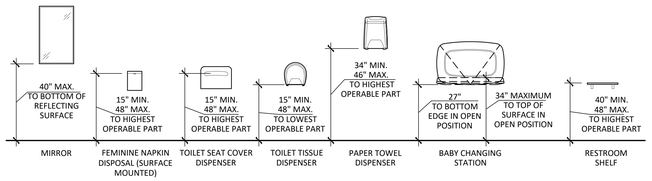
A0.2

NOTES:
1. ACCESSIBLE PORTION TO BE SAME DEPTH AS ADJACENT COUNTER AND 36" WIDE MINIMUM.
2. COUNTER HEIGHT TO BE LOCATED AT 36" MAXIMUM ABOVE FINISH FLOOR.
3. PROVIDE AT LEAST ONE ACCESSIBLE COUNTER OF EACH TYPE (IE ORDER, PICK-UP, EXPRESS, RETURNS AND DISPERSED, ETC.)



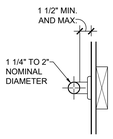
ELEVATION — PARALLEL APPROACH PLAN

14 A0.2 TYPICAL SALES & SERVICE COUNTERS
SCALE: 3/8"=1'-0"



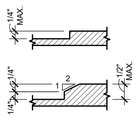
13 A0.2 TYPICAL ACCESSORY MOUNTING HEIGHTS
SCALE: 3/8"=1'-0"

GRAB BAR NOTES:
1. BENDING STRESS IN GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
2. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT. IF THE CONNECTION BETWEEN THE GRAB BAR OR SEAT AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL BE TOTALED FOR THE COMBINED SHEAR STRESS, WHICH SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
3. SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHATEVER IS THE SMALLER ALLOWABLE LOAD.
4. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250 LBF PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND THE SUPPORTING STRUCTURE.



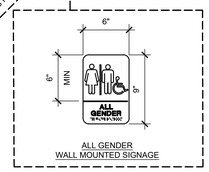
12 A0.2 GRAB BAR DETAIL
SCALE: 1-1/2" = 1'-0"

NOTES:
1. CHANGES IN LEVEL GREATER THAN 1/4" IN HEIGHT AND NOT MORE THAN 1/2" MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.



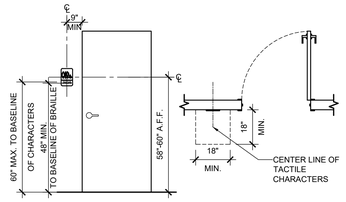
11 A0.2 FLOOR TRANSITION
SCALE: 6" = 1'-0"

DESIGNER NOTE:
ON A PROJECT SPECIFIC BASIS IF ALLOWABLE BY LOCAL JURISDICTIONAL CODES AND REGULATIONS, PROVIDE ALL GENDER RESTROOM SIGNAGE IN LIEU OF MEN'S AND WOMEN'S RESTROOM SIGNAGE.



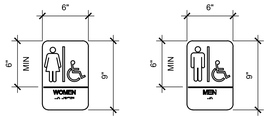
ALL GENDER WALL MOUNTED SIGNAGE

NOTES:
1. INSTALL SIGNS ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR.
2. ENSURE A CLEAR FLOOR SPACE 18" BY 18" CENTERED ON THE TACTILE CHARACTERS.



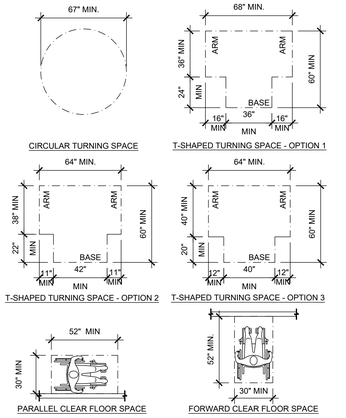
8 A0.2 TACTILE SIGNAGE
SCALE: 3/8"=1'-0"

NOTES:
1. RESTROOM SIGNAGE SHALL COMPLY WITH 2017 ICC ANSI 117.1 REGULATIONS.

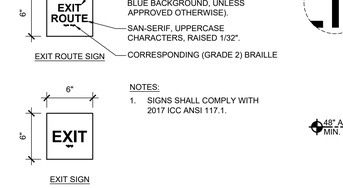


WALL MOUNTED SIGNAGE

7 A0.2 RESTROOM SIGNAGE
SCALE: 1 1/2"=1'-0"



6 A0.2 ACCESSIBILITY CLEARANCES
SCALE: 1/4"=1'-0"

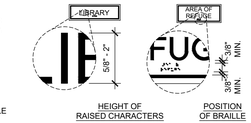


EXIT ROUTE SIGN

NOTES:
1. SIGNS SHALL COMPLY WITH 2017 ICC ANSI 117.1.

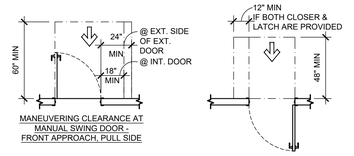
EXIT SIGN

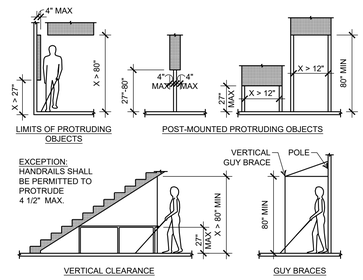
10 A0.2 EXIT SIGNAGE
SCALE: 1-1/2" = 1'-0"



NOTES:
1. VISUAL CHARACTERS SHALL COMPLY WITH 703.2 & SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.4. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 703.3.
2. BRAILLE SHALL BE CONTRACTED (GRADE 2) & COMPLY WITH 703.4.
3. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. 703.4.4.
4. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" (150 MM) MINIMUM. CHARACTERS & BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD PER 703.5.2.
5. PICTOGRAMS & THEIR FIELD SHALL HAVE A NON GLARE FINISH - 703.5.3.1. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD PER 703.5.3.2.

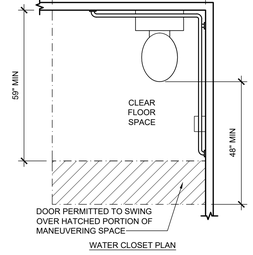
9 A0.2 TACTILE SIGNAGE
SCALE: N.T.S.



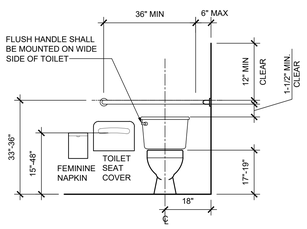


5 A0.2 DOOR & DOORWAY CLEARANCES
SCALE: 1/4"=1'-0"

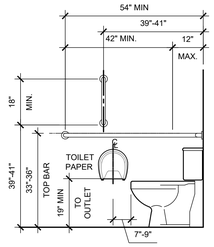
4 A0.2 PROTRUDING OBJECTS
SCALE: 3/16"=1'-0"



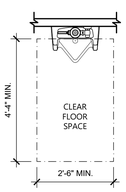
WATER CLOSET PLAN



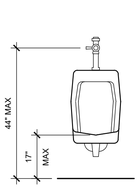
WATER CLOSET FRONT ELEVATION



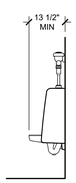
WATER CLOSET SIDE ELEVATION



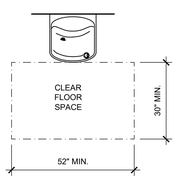
URINAL PLAN



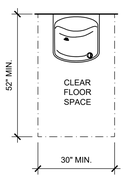
URINAL FRONT ELEVATION



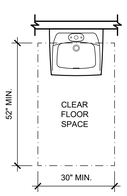
URINAL SIDE ELEVATION



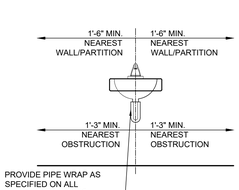
SIDE APPROACH PLAN AT DRINKING FOUNTAIN



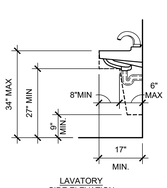
FRONT APPROACH PLAN AT DRINKING FOUNTAIN



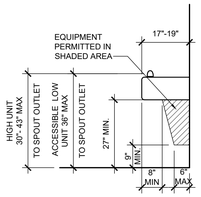
LAVATORY PLAN



LAVATORY FRONT ELEVATION



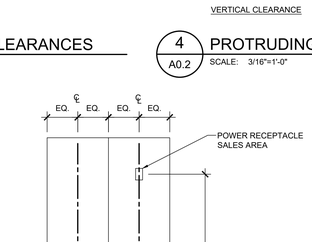
LAVATORY SIDE ELEVATION



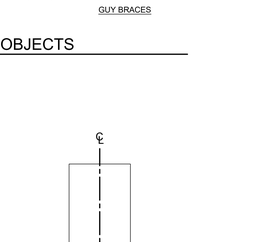
DRINKING FOUNTAIN SIDE ELEVATION

2 A0.2 TYPICAL PLUMBING ELEMENTS & FACILITIES
SCALE: 1/2"=1'-0"

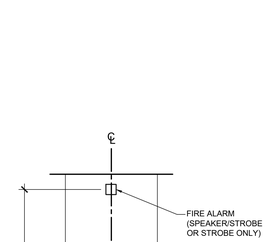
A — TYPICAL LOCATION OF LIGHT SWITCH, VOLUME CONTROLS, FIRE ALARM PULL STATIONS, THERMOSTAT, ETC.



B — TYPICAL LOCATION FOR POWER & TELEPHONE OUTLETS AT WALL OR COLUMN



C — TYPICAL LOCATION FOR OUTLET, TELEPHONE, DATA, ETC. @ COUNTERTOP



D — TYPICAL LOCATION FOR FIRE EXTINGUISHER

3 A0.2 TYPICAL DEVICE MOUNTING HEIGHTS
SCALE: 1/2"=1'-0"

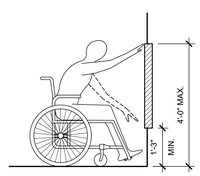
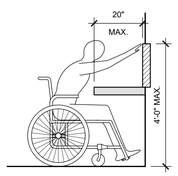


FIGURE 308.2.1 UNOBSTRUCTED FORWARD REACH



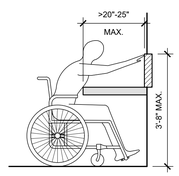


FIGURE 308.2.2 UNOBSTRUCTED HIGH FORWARD REACH

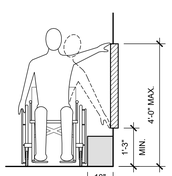
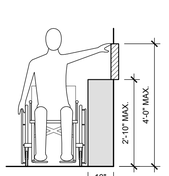


FIGURE 308.3.1 UNOBSTRUCTED SIDE REACH



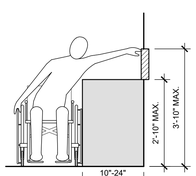


FIGURE 308.3.2 OBSTRUCTED HIGH SIDE REACH

1 A0.2 TYPICAL ACCESSIBILITY REACH CLEARANCES
SCALE: 1/2"=1'-0"

GENERAL NOTES:

1. ALL CLEARANCES, MOUNTING HEIGHTS, PATHS OF TRAVEL ETC. SHALL BE PER 2017 ICC ANSI 117.1 ACCESSIBILITY STANDARDS.

A.D.A. ACCESSIBILITY:

1. H.C. ACCESS TO THESE FACILITIES ARE PROVIDED AT PRIMARY ENTRANCE.
2. THE SLOPE OF PUBLIC WALKS SHALL NOT EXCEED MAX., CROSS SLOPE 2% WALKING SURFACE SLOPING GREATER THAN 2% SHALL BE SLIP RETARDANT.
3. PROVIDE A 60" x 60" MIN. LANDING ON STRIKE SIDE OF DOOR WITH 44" MIN. WIDTH IN DIRECTION OF TRAVEL.
4. WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
5. RAMPS SHALL BE 48" WIDE MIN. AND HAVE A SLIP-RETARDANT SURFACE.
6. EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3 FT. WIDE BY NOT LESS THAN 6'-8" HIGH CAPABLE OF OPENING 90 DEGREES AND MNTD. SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MIN.
7. THRESHOLD TO BE A MAX. 1/4" ABOVE ADJACENT FINISH FLOOR.
8. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS.
9. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
10. PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH - PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (34" TO 44" A.F.F.)
11. ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL HAVE 32" CLEAR UNOBSTRUCTED OPENINGS.
12. LOCATE W.C. IN A 56" x 60" MIN. AREA, 18" FROM WALL TO CENTER LINE OF W.C.
13. PROVIDE 48" x 48" SPACE AT PUSH SIDE OF DOOR AND 54" x 60" DEEP SPACE AT PULL SIDE OF DOOR INTO TOILET ROOM AND W.C. STALL.
14. PROVIDE 1-1/4" MIN- 2" MAX. DIA. GRAB BARS AT 33"- 36" MAX. A.F.F. TO TOP OF GRIPPING SURFACE AT REAR AND SIDE OF W.C. WITH 1-1/2" CLR. FROM WALL. GRAB BAR AT SIDE TO BE MIN. 42" LONG AND EXTEND 54" FROM BACK WALL OF TOILET. REAR GRAB BAR TO BE MIN. 36" LONG AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12" MIN. ON ONE SIDE AND 24" MIN. ON THE OTHER SIDE. BAR FASTENERS AND MOUNTING SUPPORTS TO WITHSTAND A MIN. 250 LBS. PER FT. IN BENDING, SHEAR STRESS AND SHEAR FORCE.
15. WATER CLOSETS SHALL HAVE A SEAT HEIGHT OF 17" TO 19" A.F.F FLUSH VALVES TO HAVE MAX. 5 LBS. OPERATING FORCE.
16. URINAL TO HAVE AN ELONGATED RIM AT 17" A.F.F MAX. AND A CLEAR SPACE OF 30" x 48" IN FRONT. FLUSH VALVES TO BE MOUNTED 44" A.F.F. AND HAVE MAX. 5 LBS. OPERATING FORCE.
17. PROVIDE 30" x 52" CLEAR SPACE IN FRONT OF LAVATORY AND 29" CLEAR FROM FLOOR TO BOTTOM OF APRON FOR KNEE SPACE.
18. PROVIDE A CLEARANCE 27" HIGH x 8" DEEP BEHIND FRONT OF LAVATORY AND A TOE CLEARANCE OF 9" FROM THE FLOOR AND 17" DEEP FROM THE FRONT OF THE LAVATORY.
19. INSULATE HOT WATER AND DRAIN PIPES AT HAND SINKS.
20. FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE GRASPING, PINCHING, OR TWISTING. FAUCET TO HAVE MAX. 5 LBS. OPERATING FORCE.
21. LOCATE TOWEL, SANITARY NAPKIN, AND WASTE RECEPTACLES WITH ALL OPERABLE PARTS AS INDICATED BELOW:
    FOR FORWARD APPROACH:
    - MAXIMUM 44" A.F.F. IF 20"-25" WIDE OBSTRUCTION
    - MAXIMUM 48" A.F.F. IF 20" OR LESS WIDE OBSTRUCTION

    FOR SIDE APPROACH:
    - MAXIMUM 46" A.F.F. IF 10"-24" WIDE OBSTRUCTION
    - MAXIMUM 48" A.F.F. IF 10" OR LESS WIDE OBSTRUCTION
22. LOCATE TOILET PAPER DISPENSERS ON THE WALL 7" MINIMUM AND 9" MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED FROM THE FRONT EDGE OF THE TOILET SEAT TO THE CENTERLINE OF THE DISPENSER AND 19" A.F.F.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:
DESIGNER NOTE: EDIT ON A PROJECT SPECIFIC BASIS
DESIGNER NOTE: USE THIS SHEET FOR 2017 ANSI 117.1

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE — 1"

DRAWN BY: XXX

CHECKED BY: XXX

PAGE #: 05 OF: 47

DISCIPLINE: ARCHITECTURAL

TITLE: ACCESSIBILITY DETAILS

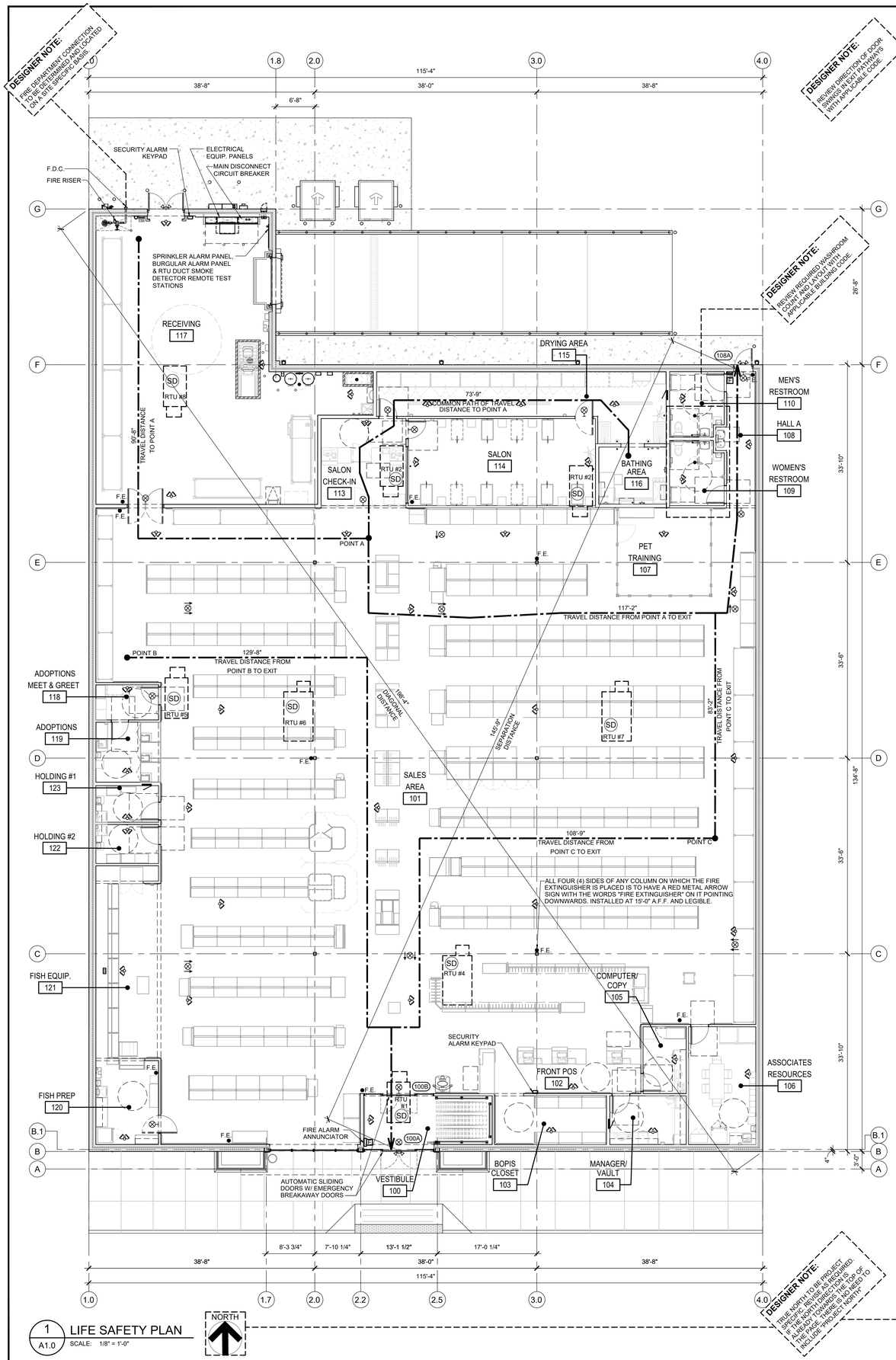
SHEET NUMBER: **A0.2A**

DESIGNER NOTE: FIRE DEPARTMENT CONNECTION TO BE DETERMINED AND LOCATED ON A SITE SPECIFIC BASIS.

DESIGNER NOTE: REVIEW DIRECTION OF DOOR SWING WITH FIELD CONDITIONS & WITH APPLICABLE CODES.

DESIGNER NOTE: COORD. PATH OF TRAVEL W/ FIXTURE PLAN LAYOUT ON A PROJECT SPECIFIC BASIS.

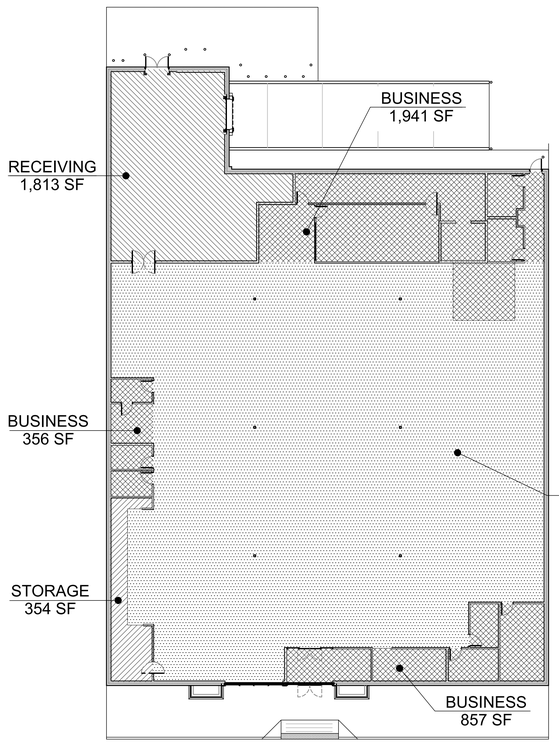
DESIGNER NOTE: REVIEW REQUIRED WASHROOM COUNT AND LAYOUT WITH APPLICABLE BUILDING CODE.



DESIGNER NOTE: TRUE NORTH TO BE PROJECT SPECIFIC. REVISE AS REQUIRED. IF THE ARROW DIRECTION IS THE SAME, THERE IS NO NEED TO INCLUDE "PROJECT NORTH"

1 A1.0 LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

NORTH



2 A1.0 FLOOR AREA KEY PLAN
SCALE: 1/16" = 1'-0"

NORTH

PLUMBING FIXTURE CALCULATIONS:

MIN. REQ'D. FIXTURES (PER 2018 IPC, CH. 4, TABLE 403.1)
NUMBER OF OCCUPANTS BY OCCUPANCY USE TYPE:

GROUP B:	**22**	x 50%	=	**11**	MALE, **11** FEMALE
GROUP M:	**179**	x 50%	=	**90**	MALE, **90** FEMALE
GROUP S:	**8**	x 50%	=	**4**	MALE, **4** FEMALE

	WATER CLOSETS REQUIRED		LAVATORIES REQUIRED		DRINKING FOUNTAINS REQUIRED	SERVICE SINK REQUIRED
	MALE	FEMALE	MALE	FEMALE		
GROUP B	1 : 25 (<50) 1 : 50 (>50)		1 : 40 (<80) 1 : 80 (>80)		1 : 100	1 SERVICE SINK
GROUP M	1 : 500		1 : 750		1 : 1,000	
GROUP S	1 : 100		1 : 100		1 : 1,000	

	WATER CLOSETS PROVIDED		LAVATORIES PROVIDED		DRINKING FOUNTAINS PROVIDED	SERVICE SINK PROVIDED
	MALE	FEMALE	MALE	FEMALE		
GROUP B	**11** ÷ 25 =	**11** ÷ 25 =	**11** ÷ 40 =	**11** ÷ 40 =	**22** ÷ 100 =	
	0.441	0.441	0.275	0.275	0.215	
GROUP M	**90** ÷ 500 =	**90** ÷ 500 =	**90** ÷ 750 =	**90** ÷ 750 =	**179** ÷ 1,000 =	1 SERVICE SINK
	0.180	0.180	0.120	0.120	0.179	
GROUP S	**4** ÷ 100 =	**4** ÷ 100 =	**4** ÷ 100 =	**4**÷ 100 =	**8** ÷ 1,000 =	
	0.039	0.039	0.039	0.039	0.008	
SUB-TOTAL :	0.659	0.659	0.434	0.434	0.402	1
TOTAL PROVIDED :	1 PROVIDED PER EACH SEX		1 PROVIDED PER EACH SEX		1 HI + 1 LOW	1 SERVICE SINK

DESIGNER NOTE: THIS INFORMATION IS BASED ON THE 2018 IPC. VERIFY APPLICABLE CODE ON A PROJECT SPECIFIC BASIS.

GENERAL-LIFE SAFETY NOTES:

1. ALLOWABLE TRAVEL DISTANCE IS 250'-0" MAX.
2. EXIT ACCESS DOORS SHALL BE PLACED SO THAT THE SEPARATION DISTANCE OF THE EXIT DOORS OR EXIT ACCESS DOORWAYS SHALL NOT BE LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.
3. BUILDING SHALL BE FULLY SPRINKLERED
4. GENERAL CONTRACTOR WILL FURNISH AND INSTALL UP TO A MINIMUM OF (1) 10 LB (4A 80BC) (SHOWN IN RECEIVING NEAR SALES FLOOR DOOR) AND (10) EACH 5LB MULTIPURPOSE DRY CHEMICAL (2A/ 10BC) RATED FIRE EXTINGUISHERS WITH MOUNTING BRACKETS AND ACCESSORIES AT 4'-0" A.F.F. AS REQUIRED BY GOVERNMENTAL AUTHORITIES. MAXIMUM TRAVEL DISTANCE OF 75'-0" FOR PLACEMENT. PROVIDE RED METAL ARROW SIGNAGE ATTACHED WITH SCREWS AT EACH EXTINGUISHER. A COLUMN ON WHICH THE FIRE EXTINGUISHER IS PLACED IS TO SIGNAGE WITH THE WORDS "FIRE EXTINGUISHER" ON IT POINTING DOWNWARDS ON ALL FOUR (4) SIDES. EXTINGUISHERS SHALL CARRY AN EXPIRATION DATE OF ONE YEAR BEYOND THE DATE OF BUILDING TURNOVER. LOCATION SHOWN ON DRAWINGS FOR GENERAL REPRESENTATION, COORDINATE ACTUAL PLACEMENT OF FIRE EXTINGUISHERS WITH PETSMART CONSTRUCTION MANAGER AND FIRE MARSHALL.

SPRINKLER DESIGN CRITERIA:

PROVIDE WET PIPE AUTOMATIC SPRINKLER SYSTEM CONFORMING TO THE FOLLOWING CRITERIA:

ALL AREAS EXCEPT RECEIVING:
N.F.P.A. 13
CLASS III COMMODITY
SHELF STORAGE, 12'-0" MAX. STORAGE
MINIMUM K-FACTOR = 5.6
ORDINARY HAZARD GROUP 2
DENSITY OF 0.20 G.P.M./S.F. OVER THE MOST REMOTE 1,500 S.F.
250 G.P.M. HOSE ALLOWANCE REQUIRED

RECEIVING AREA:
N.F.P.A. 13
CLASS IV COMMODITY (NON-ENCAPSULATED)
SINGLE ROW RACKS, 16'-0" MAX. STORAGE 8'-0" AISLE, HIGH TEMP.
SPRINKLERS MINIMUM K-FACTOR = 11.2
DENSITY OF 0.32 G.P.M./S.F. OVER THE MOST REMOTE 2,000 S.F.
500 G.P.M. HOSE ALLOWANCE REQUIRED

1. THE FIRE PROTECTION CONTRACTOR SHALL PERFORM, AS PART OF CONTRACT, A WATER FLOW TEST AT FIRE HYDRANTS NEAREST FIRE RISER SUPPLY LINE CONNECTION TO CITY WATER MAINS. TEST SHALL BE CONDUCTED PER MUNICIPALITY AND WATER DEPARTMENT REQUIREMENTS. TEST SHALL BE WITNESSED BY ALL AUTHORITIES HAVING JURISDICTION.
2. REFER TO FIRE SPRINKLER SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. SYSTEM SHALL MEET ANY ADDITIONAL APPLICABLE REQUIREMENTS OF N.F.P.A., LOCAL CODES, OWNER AND INSURANCE CARRIER.
4. INFORMATION STATED ABOVE DOES NOT RELIEVE FIRE PROTECTION CONTRACTOR FROM PROVIDING A COMPLETE AUTOMATIC SPRINKLER SYSTEM, INCLUDING ANY REQUIRED EQUIPMENT (FIRE PUMP, ETC.) TO COMPENSATE FOR INADEQUATE PRESSURE, AS REQUIRED BY CODE AND ALL PARTIES HAVING JURISDICTION.
5. THE USE OF SPRINKLER HEADS EQUIPPED WITH "O" RING SEAL SHALL BE PROHIBITED **(NO EXCEPTIONS)**.
6. CENTRAL STATION SUPERVISION DEVICE SHALL BE PROVIDED.
7. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE PLANS, SHOP DRAWINGS, AND HYDRAULIC CALCULATIONS, SIGNED AND SEALED BY THE FIRE PROTECTION (F.P.) PROFESSIONAL OF RECORD, TO ALL STATE AND LOCAL AUTHORITIES HAVING JURISDICTION, TO THE CITY, THE BUILDING OFFICIALS, THE FIRE DEPARTMENT, **THE ENGINEER/ARCHITECT PROFESSIONAL OF RECORD, AND TO THE PETSMART REPRESENTATIVE FOR REVIEW AS SOON AS POSSIBLE AFTER CONTRACT AWARD.** MINIMUM SAFETY MARGIN OF 10% OR 5 PSIG REQUIRED WATER PRESSURE VS. AVAILABLE WATER PRESSURE SHALL BE PROVIDED IN HYDRAULIC CALCULATIONS. THE FIRE PROTECTION PROFESSIONAL OF RECORD SHALL BE RETAINED AND PAID FOR BY THE FIRE SPRINKLER CONTRACTOR.
8. PROVIDE BACKFLOW PREVENTER TO MEET THE REQUIREMENTS LISTED ABOVE WHERE REQUIRED BY CODE.
9. FIRE RISER SHALL BE LOCATED AS INDICATED ON PLAN. PROVIDE VERTICALLY MOUNTED RISER ASSEMBLY UNLESS PROHIBITED BY CODE.
10. PROVIDE INSPECTOR TEST CONNECTION WHEN REQUIRED.
11. **LOCATE ALL SPRINKLER PIPING AS HIGH AS POSSIBLE. SPRINKLER PIPING SHALL NOT BE INSTALLED BELOW BOTTOM OF STEEL JOISTS AND GIRDERS. NO EXCEPTIONS.**
12. COORDINATE LOCATIONS OF FDC CONNECTIONS, INSPECTOR'S TEST VALVES AND SYSTEM DRAINS WITH FIXTURE PLAN. FINAL LOCATION APPROVAL BY PETSMART CONSTRUCTION MANAGER.
13. SPRINKLER HEADS TO BE LOCATED IN CENTER OF CEILING TILE.
14. CONTRACTOR TO INSTALL A HYDRAULIC SYSTEM PLACARD ON THE PETSMART FIRE RISER AT THE END OF THE PROJECT.

FIRE ALARM CRITERIA:

1. FIRE ALARM SYSTEM TO BE PROVIDED BY THE GENERAL CONTRACTOR THROUGH NATIONAL ACCOUNT FIRE ALARM VENDOR. SEE REQUIRED VENDOR LIST AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. ALL MATERIAL AND LABOR FOR LOW VOLTAGE SYSTEMS SHALL BE PROVIDED BY ALARM CONTRACTOR, EXCEPT GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY ELECTRICAL POWER AND ANY CONDUIT SHOWN ON THE ELECTRICAL DRAWINGS FOR FIRE ALARM EQUIPMENT. SMOKE DETECTORS IN RTU RETURN AIR DUCTS SHALL BE PROVIDED IN ALL RTU'S AS SHOWN (RTU REQUIRED VENDOR).
3. FIRE ALARM SYSTEM DESIGN IS THE RESPONSIBILITY OF THE LICENSED PETSMART NATIONAL ACCOUNT VENDOR AND SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL REQUIREMENTS.
4. FIRE ALARM SYSTEM SHALL INCLUDE, AS A MINIMUM, FIRE ALARM CONTROL CABINET, MANUAL PULL STATIONS AT ALL EGRESS DOORS, DUCT SMOKE DETECTORS IN ALL RTU'S AS INDICATED, DUCT SMOKE DETECTOR REMOTE TEST STATIONS AT TELEPHONE EQUIPMENT BOARD LOCATED IN RECEIVING OR LOCATED PER THE AHJ'S REQUEST, REMOTE ANNUNCIATOR AT FRONT ENTRANCE OR LOCATED PER THE AHJ'S REQUEST, AND RECHARGEABLE EMERGENCY BATTERY POWER.
5. GENERAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL ITEMS REQUIRED FOR A COMPLETE FIRE ALARM SYSTEM.

LEGEND:

INTERIOR EMERGENCY LIGHT WITH BATTERY PACK	F.E. FIRE EXTINGUISHER
EXTERIOR EMERGENCY LIGHT WITH REMOTE INTERIOR EMERGENCY BATTERY BACKUP	SD DUCT SMOKE DETECTOR
	F FIRE ALARM MANUAL PULL STATION
EXIT SIGN	K KNOX BOX

DESIGNER NOTE: IF PROVIDE KNOX BOX WHEN REQUIRED, BY LOCAL JURISDICTION, COORDINATE LOCATION WITH LOCAL AHJ

EXITING & ALLOWABLE AREA:

BUILDING SET BACKS:

BLDG. AREA - ALLOWABLE:

BASE:	**12,500 S.F.**
SPRINKLER (300% OF BASE):	**37,500 S.F.**
TOTAL ALLOWABLE:	**50,000 S.F.**

OCCUPANT SQUARE FOOTAGE BREAKDOWN
GROSS FLOOR AREA: (PER 2018 IBC) **16,043 SQ.FT**
(INSIDE FACE OF EXTERIOR PERIMETER WALLS)

BUSINESS	3,154
MERCANTILE (RETAIL)	10,722
STORAGE	354
STORAGE (RECEIVING)	1,813
OCCUPANCY SQ. FOOTAGE GRAND TOTAL	16,043

OCCUPANT LOAD BREAKDOWN

OCCUPANCY TYPE	AREA (SQ. FT.)	LOAD FACTOR	OCCUPANCY	
BUSINESS (GROUP B)	3,154	150	21.03	22
RETAIL (GROUP M)	10,722	60	178.70	179
RECEIVING/STORAGE (GROUP S)	2,167	300	7.22	8
OCCUPANT LOAD TOTAL:			206.95	209

EXITS: (PER TABLE 1006.3.2)

OCCUPANT LOAD PER STORY	MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS FROM STORY
1 - 500	**2**
501 - 1,000	3
> 1,000	4

EXITS REQUIRED: 2 **EXITS PROVIDED: 2**

EXIT WIDTH: (PER SECTION 1005.3.2)

209	OCCUPANTS X	.20	INCHES/ OCCUPANT	= 41.8	**3'-5 3/4"**

DOOR #100A = 4'-10" **REQUIRED: 3'-5 3/4"**
DOOR #100B = 4'-10" **PROVIDED: 7'-10"**
DOOR #108A = 2'-10" > 50% x **3'-5 3/4"** THEREFORE OK

DESIGNER NOTE: THIS INFORMATION IS BASED ON THE 2018 IBC. DESIGNER SHALL VERIFY APPLICABLE CODE ON A PROJECT SPECIFIC BASIS.

DESIGNER NOTE: UPDATE THESE TABLE CELLS ONLY WITH THE PROJECT SPECIFIC DATA. THE REMAINDER OF THE TABLES AND DATA LINKED TEXT WILL UPDATE AUTOMATICALLY.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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ORGINAL SCALE:
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1"

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XXX

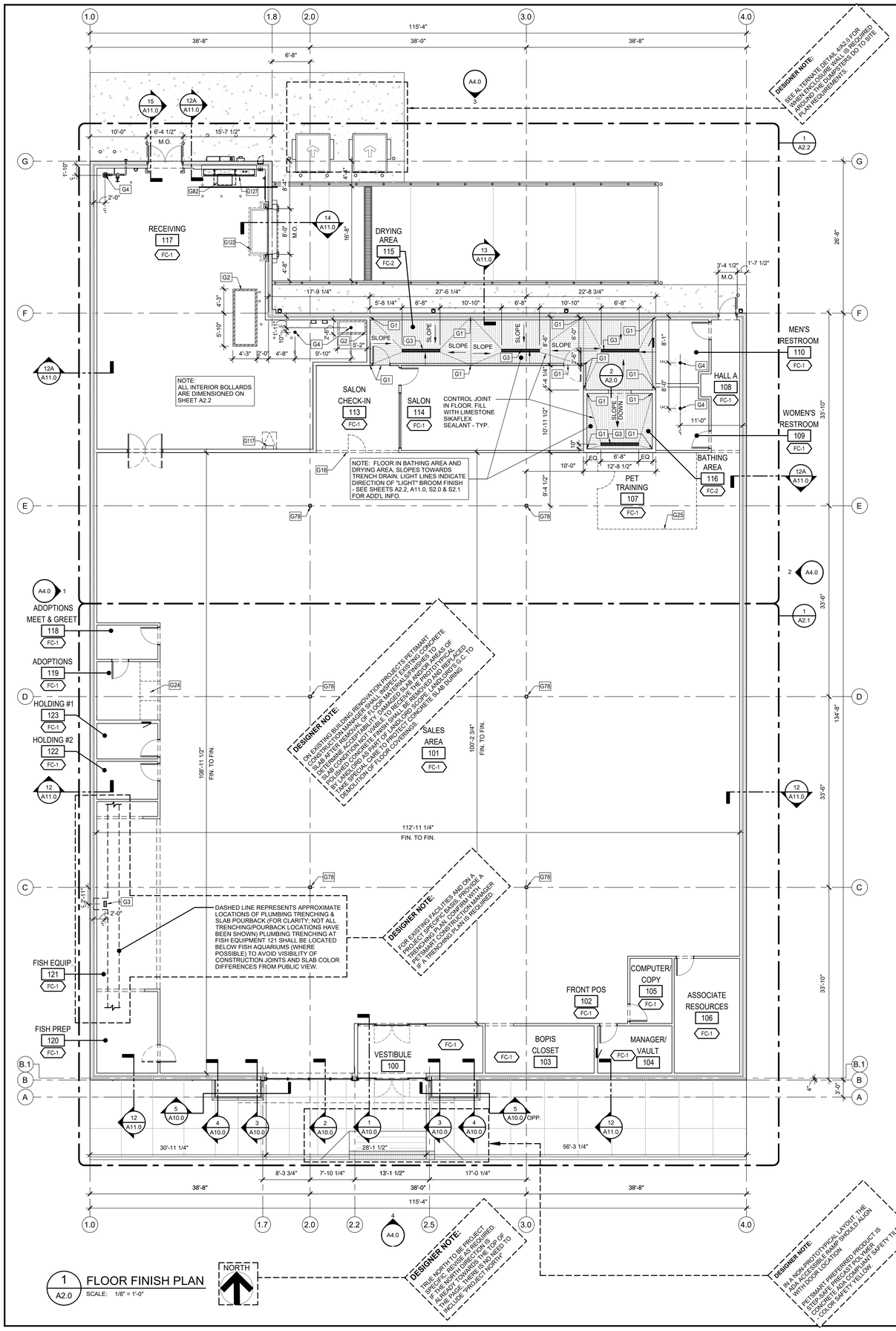
CHECKED BY:
XXX

PAGE #:
06 OF: 47

DISCIPLINE:
ARCHITECTURAL

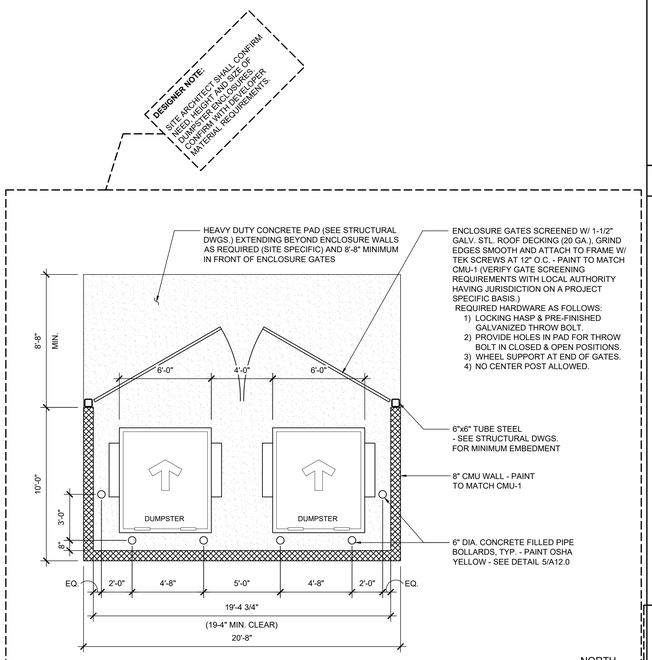
TITLE:
LIFE SAFETY PLAN

SHEET NUMBER:
A1.0

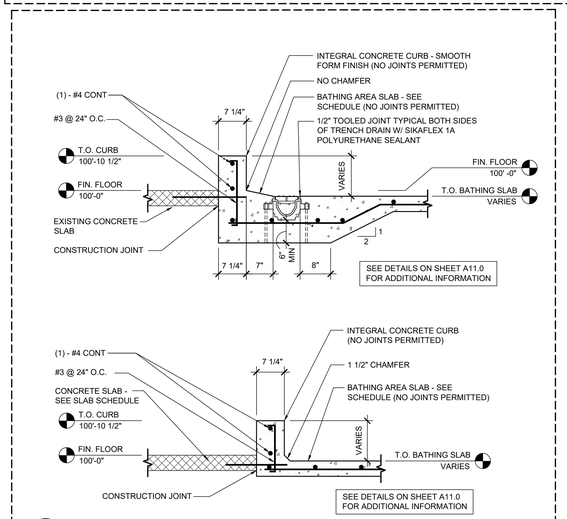


1 A2.0 FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"

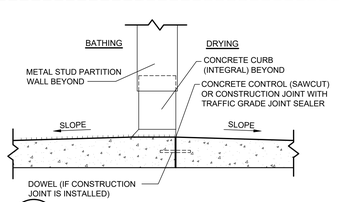
NORTH



4 A2.0 ALTERNATE DUMPSTER ENCLOSURE PLAN
SCALE: 1/4" = 1'-0"



3 A2.0 BATHING ROOM CURB
SCALE: 3/4" = 1'-0"



2 A2.0 TRANSITION DETAIL
SCALE: 1" = 1'-0"

DESIGNER NOTE:
ON REMODEL JOBS WHEN A TRENCHING PLAN IS REQUIRED, PROVIDE DETAILING / DOWELING AS REQUIRED. REINFORCEMENT AND
DESIGNER NOTE:
REMOVE WHEN STRUCTURAL DRAWINGS ARE USED.
DESIGNER NOTE:
ON REMODEL JOBS WHEN STRUCTURAL IS EXCLUDED, DETAIL 2/A2.0 IS TO BE INCLUDED WHERE APPLICABLE.

LEGEND:

- SLOPED CONCRETE SLAB.
- POLISHED OR EXPOSED CONCRETE FLOOR FINISH.
- EXISTING EXTERIOR WALLS BY BASE BUILDING.
- INDICATES DIRECTION OF SLOPE DOWN .

FLOOR FINISH LEGEND:

NOTE: SEE SHEET F2.0 FOR LIST OF REQUIRED POLISHED CONCRETE VENDORS.

FC-1 POLISHED CONCRETE - AMERIPOLISH SYSTEM (NO COLOR & POLISH TO #800 GRIT). FILL/SEAL ALL CONSTRUCTION AND CONTROL JOINTS (COLOR TO MATCH). SEE SPECIFICATIONS

FC-2 EXPOSED CONCRETE WITH (LIGHT) SOFT BROOM FINISH, HARD TROWELED SMOOTH AND FINISHED WITH A VERY SOFT HORSE HAIR BROOM (ERR ON THE SIDE OF SMOOTH) PETSMART CONSTRUCTION MANAGER TO HAVE FINAL APPROVAL OF FINISH, LIGHTLY STONE AS NEEDED TO MINIMIZE ROUGHNESS. APPLY (2) COATS OF "AQUAPEL PLUS" SEALER AS MANUFACTURED BY L & M CONSTRUCTION CHEMICAL. DIRECTION OF SLOPE AS INDICATED.

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.
2. NO VISIBLE FLOOR CUTS ACCEPTABLE AT ANY LOCATIONS OTHER THAN THOSE INDICATED IN THE DRAWINGS, UNLESS APPROVED BY PETSMART CONSTRUCTION MANAGER.
3. ALL FLOOR FINISH DIMENSIONS ON THIS SHEET ARE TO FINISH SURFACE UNLESS NOTED OTHERWISE.
4. ALL FLOORING FINISH MATERIAL SHALL BE INSTALLED PRIOR TO MILLWORK INSTALLATION.
5. ASSUMED FINISH FLOOR ELEVATION WITHIN THE ARCHITECTURAL DRAWINGS IS AT 100'-0".
6. G.C. TO CLEAN NON-POLISHED SLABS (LT. BROOM AREAS) WITH A HARD BRISTLE BRUSH. DO NOT DAMAGE THE FINISH.
7. G.C. TO SCHEDULE A "PRE-SLAB" MEETING WITH PETSMART CONSTRUCTION MANAGER AND ALL ASSOCIATED TRADES PRIOR TO ANY ORDERING, POURING OR INSTALLATION OF CONCRETE SLABS.
8. ALL EXPOSED, NON-POLISHED CONCRETE FLOOR SURFACES TO RECEIVE (2) COATS OF AQUAPEL PLUS SEALER BY L & M CONSTRUCTION CHEMICAL.
9. AT ALL AREAS OF EXPOSED CONCRETE FLOOR FINISH, EXTREME CAUTION MUST BE USED TO PROTECT THE FLOOR FROM CERAMIC TILE GROUT. CONTRACTOR IS TO BE RESPONSIBLE FOR THE REMOVAL AND REPAIR OF CONCRETE FLOOR, OR REPLACEMENT OF THE CONCRETE SLAB AND CONCRETE FINISHES OF THE AFFECTED AREAS.
10. G.C. TO PROTECT BATHING (116) FLOOR AFTER INSTALLATION. CONTRACTOR IS TO BE RESPONSIBLE FOR THE REMOVAL AND REPAIR OF CONCRETE FLOOR, OR REPLACEMENT OF THE CONCRETE SLAB AND CONCRETE FINISHES OF DAMAGED/ DEFECTIVE AREAS.
11. G.C. TO PROTECT POLISHED CONCRETE FLOOR SLABS FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR IS TO BE RESPONSIBLE FOR THE REMOVAL AND REPAIR OF CONCRETE FLOOR, OR REPLACEMENT OF THE CONCRETE SLAB AND CONCRETE FINISHES OF DAMAGED/DEFECTIVE AREAS.
12. G.C. TO SUBMIT 2' x 2' MIN. CONCRETE SLAB SAMPLES OF "LIGHT" BROOM CONCRETE FINISH TO PETSMART CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.
13. CONCRETE SLAB:
    - CONCRETE CONSTRUCTION JOINTS ALLOWED IN BATHING AND DRYING SLAB: WHERE SHOWN "C.J." INDICATES CONSTRUCTION JOINTS, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
    - ALL CONCRETE SLAB CONSTRUCTION JOINTS IN THE BATHING AND DRYING AREAS TO BE FILLED WITH SIKAFLEX 1A POLYURETHANE SEALANT, U.N.O.
    - CONTRACTOR TO PROVIDE PROTECTION OR COVER ALL TRENCH DRAINS DURING CONSTRUCTION TO PREVENT DEBRIS FROM ENTERING DRAINS. G.C. WILL BE RESPONSIBLE TO PROVIDE VIDEO OF ALL DRAIN LINES.
    - DIMENSIONS ON PLAN ARE TO THE EDGE OF CONCRETE. ENSURE TRANSITIONS THAT OCCUR AT CONSTRUCTION JOINTS OCCUR BELOW OR AT THE FACE OF WALLS TO AVOID VISIBILITY.
    - **THE LOCATIONS OF DRAINS AND CONCRETE SLAB DEPRESSED/SLOPED AREAS ARE CRITICAL. ANY DEVIATION FROM THE DIMENSIONS SHOWN ON PLANS IS NOT ACCEPTABLE AND CONCRETE SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S COST WITH NO EFFECT TO THE SCHEDULE.**

CONCRETE SLAB REPAIR NOTES:

AT EXISTING SLAB; FILL ALL HOLES PRIOR TO INSTALLATION OF POLISHED FLOOR SYSTEM.

CRACK REPAIR, SURFACE SPALLING, POP OUTS OR BOLT HOLES
- USE RAPID REFLOOR BY METZGER MCGUIRE OR APPROVED EQUAL

SURFACE REPAIR LARGER THAN 6" IN DIAMETER, INFILL 1/2" TO 2" IN DEPTH
- ARDEX PC'T - POLISHABLE CONCRETE TOPPING OR APPROVED EQUAL

SLAB SCHEDULE:

LOCATION	THICKNESS	REINFORCEMENT	SUB BASE
BATHING AREA DRYING AREA	4"	#4 AT 12" OC EACH WAY CENTER OF SLAB	10 MIL VAPOR RETARDER (ASTM D-2103) OVER 4" GRANULAR
6" INTERIOR SLAB (RECEIVING)	6"	NONE	10 MIL VAPOR RETARDER (ASTM D-2103) OVER 4" GRANULAR
4" INTERIOR SLAB	4"	NONE	10 MIL VAPOR RETARDER (ASTM D-2103) OVER 4" GRANULAR
SIDEWALK	4"	NONE	4" GRANULAR

SLAB CUTTING AND FILL:

THE CONTRACTOR IS REQUIRED TO PROVIDE ALL SLAB CUTTING, TRENCHING, REMOVAL AND PATCHING/INFILL TO ACCOMMODATE ALL REQUIRED NEW BELOW SLAB SANITARY PIPING. REFER AND COORDINATE WITH PLUMBING DRAWINGS P1.0, P1.1 AND MECHANICAL CONTRACTOR.

FOR SLAB INFILL:

1. CONTRACTOR TO ADD CLEAN SAND FILL MIN. 12" COVERAGE AROUND PIPING AND 3/4" GRANULAR FILL MATCHING EXISTING SUBBASE.
2. PROVIDE 12" LONG DOWELS AT 18" O.C. DOWELED AND EMBED 6" INTO EXISTING CONCRETE SLAB WITH HILTI HIT-HY 200 ADHESIVE.
3. AT UTILITY TRENCHES PROVIDE #5 CONTINUOUS AT 12" O.C. IN LONG DIRECTION CENTERED IN REPLACEMENT SLAB.

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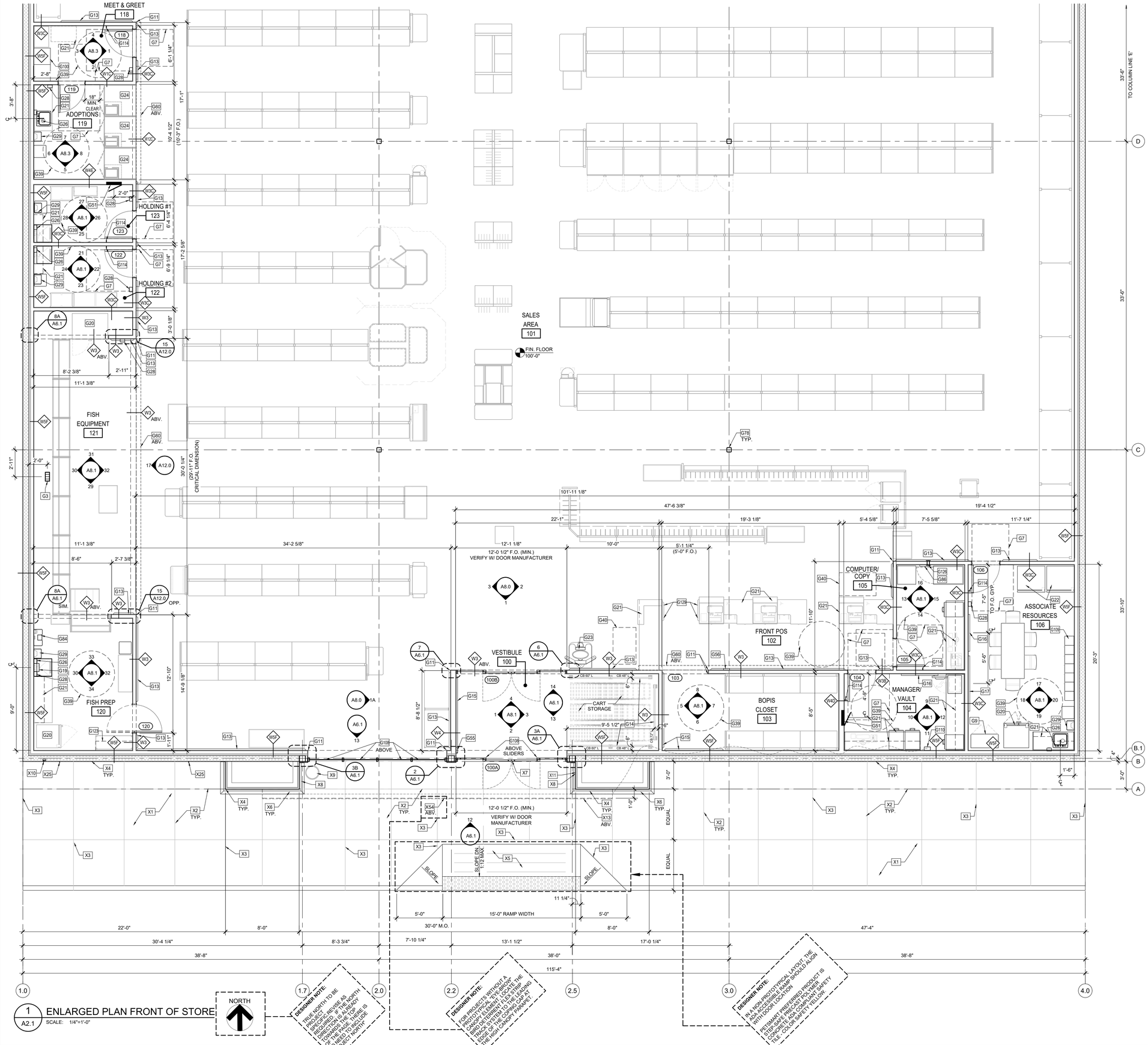
07 OF: 47

DISCIPLINE:
ARCHITECTURAL

TITLE:
FLOOR FINISH PLAN

SHEET NUMBER:
A2.0



1 / A2.1 ENLARGED PLAN FRONT OF STORE

SCALE: 1/4"=1'-0"

NORTH

DESIGNER NOTE: TRUE NORTH TO BE VERIFIED. REVISE AS REQUIRED IF THE NORTH DIRECTION IS ALREADY SHOWN ON THE PDF. THERE IS NO NEED TO INCLUDE TWO NORTH.

DESIGNER NOTE: FOR PROJECTS WITHOUT A PROTOTYPICAL CANOPY ELEMENT, ROTATE THE CANOPY ELEMENT ACCORDING TO DOOR SYSTEM LOCATIONS. REVISE THE LENGTH OF THE CANOPY TO FIT THE HIGH CANOPY PARAPET.

DESIGNER NOTE: IN A NON-PROTOTYPICAL LAYOUT, THE ADA ACCESSIBLE RAMP WITH DOOR LOCATION SHOULD ALIGN.

PETSMART PREFERRED PRODUCT IS ESCAPE PRECAST CONCRETE TEXTURE AND COLOR SAFETY YELLOW.

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.
2. NO VISIBLE FLOOR CUTS ACCEPTABLE AT ANY LOCATIONS, UNLESS APPROVED BY PETSMART CONSTRUCTION MANAGER.
3. ALL INTERIOR PARTITION DIMENSIONS ARE TO FACE OF STUD OR INTERIOR FACE OF EXTERIOR CMU/CONC. WALL UNLESS NOTED OTHERWISE.
4. ALL WALLS BEHIND MILLWORK SHALL HAVE FINAL FINISH PRIOR TO INSTALLATION. ALL FLOORING FINISH MATERIAL SHALL BE INSTALLED PRIOR TO MILLWORK INSTALLATION.
5. SEALANTS TO BE SAME COLOR AS ADJACENT SURFACE UNLESS NOTED OTHERWISE.
6. ASSUMED FINISH FLOOR ELEVATION WITH THE ARCHITECTURAL DRAWINGS IS SHOWN AS 100'-0".
7. FOR ALL DOORS REQUIRING WALL MOUNTED DOOR STOPS, PROVIDE PLYWOOD BLOCKING PER BLOCKING SCHEDULE.
8. SEALANT IN ALL WET AREAS TO BE SIKAFLEX 1A POLYURETHANE SEALANT (COLOR TO MATCH ADJACENT SURFACES)
9. PROVIDE RODENT CONTROL MESH SECURED WITH EXPANDING FOAM AROUND ALL PENETRATIONS. INSTALL IN A WORKMANLIKE MANNER, SEE SPECS.
10. FOR LOCATION OF DOOR JAMBS NOT SHOWN ON PLAN, SEE DETAIL 10/A6.0.
11. SEE SHEET A9.0 FOR WALL TYPES.
12. CONTRACTOR TO INSTALL PAPER TOWEL DISPENSER AND HAND SANITIZER IN ADOPTION CENTER ROOM W/ KENNELS, ON REPTILE HABITAT ON SIDE FACING AWAY FROM FRONT DOOR, ON DOOR OF BIRD HABITAT, AND ALL PET CLEANUP STATIONS AS DIRECTED BY PETSMART CONSTRUCTION MANAGER.
13. ALL MILLWORK IN THE SALON AREA IS SUPPLIED AND INSTALLED AS PART OF THE GENERAL CONTRACT BY THE G.C. THROUGH REQUIRED VENDOR PROGRAM WITH MILLWORK VENDOR.
14. CONTRACTOR IS TO PROVIDE ALL REQUESTED SITE MEASURED DIMENSIONS FOR DECOR CONTRACTOR.
15. SEE SHEET A6.0 FOR DOOR SCHEDULE AND SHEET A6.1 FOR STOREFRONT AND WINDOW ELEVATIONS.

WALL PARTITION INSULATION LEGEND:

WXY — W= WALL TYPE TAG. (SEE SHEET A9.0 FOR WALL TYPES); X= NUMBER IDENTIFYING WHICH WALL TYPE; Y= LETTER IDENTIFYING WHICH TYPE & EXTENT OF INSULATION

LABEL	INSULATION DESCRIPTION
"A"	2-1/2" RIGID INSULATION FULL HEIGHT
"B"	UNFACED 3-1/2" BATT. INSULATION FULL HEIGHT
"C"	UNFACED 3-1/2" BATT. INSULATION TO 6" ABOVE FINISHED CEILING
"D"	UNFACED 6" BATT. INSULATION FULL HEIGHT
"E"	UNFACED 6" BATT. INSULATION TO 6" ABOVE FINISHED CEILING
"F"	2-1/2" RIGID INSULATION FULL HEIGHT

DESIGNER NOTE: MODIFY INSULATION THICKNESS AS REQUIRED TO MEET LOCAL ENERGY CODE COMPLIANCE

DESIGNER NOTE: IF THERE IS A SHARED METAL STUD DEMISING WALL DRYWALL THE DEMISING WALL SHOULD BE FRAMED WITH METAL STUDS AT 16" O.C. WITH ACOUSTIC INSULATION AND 1 LAYER 5/8" TYPE 'X' FIRE RATED DRYWALL ON EACH SIDE.

DESIGNER NOTE: IF THERE IS A SHARED METAL STUD DEMISING WALL NEXT TO AN ADJACENT TENANT, INSTALL CHEKMATE WRAP BOARD BETWEEN STUDS AND DRYWALL ON THE TENANT SIDE OF WALL TO PROTECT THE PETSMART SIDE OF WALL. IF ADJACENT TENANT DEMISING WALL IS REQUIRED TO ACCOMMODATE (OUTLETS, PLUMBING, ETC.)

DESIGNER NOTE: CONSULT THE PETSMART CM IF REMOVAL OF EXISTING WINDOWS IS REQUIRED. REMOVED FRAMES WILL BE REQUIRED TO MATCH THE EXISTING WINDOW FRAMES. IF NOT, REMOVED WINDOW FRAMES WILL BE DISPOSED OF IN A NON-PHOTO OPTICAL WAY AS DIRECTED BY PETSMART. IF WINDOWS ARE TO BE RETAINED, VERIFY WITH PETSMART CM. ADDITIONAL WINDOW SHADES MAY BE REQUIRED.

TENANT:

PETSMART

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PROJECT:

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PAGE #: 08 OF: 47

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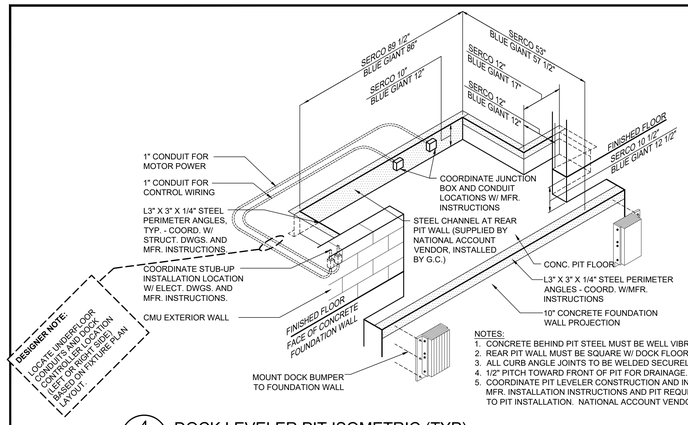
DISCIPLINE: ARCHITECTURAL

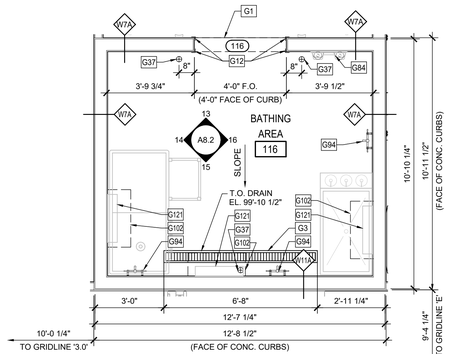
TITLE: ENLARGED FLOOR PLANS

SHEET NUMBER: **A2.1**

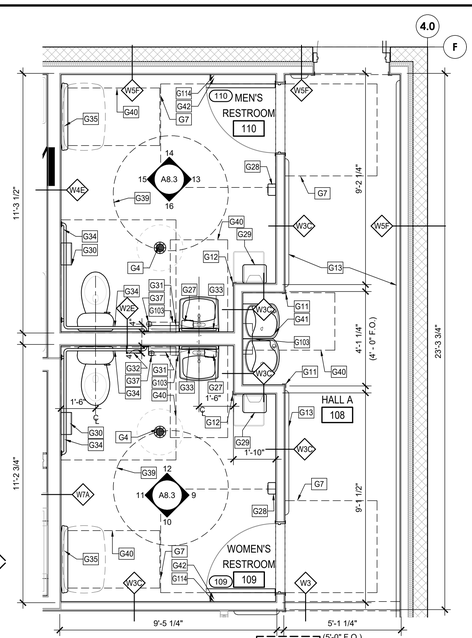


NOTES:
1. CONCRETE BEHIND PIT STEEL MUST BE WELL VIBRATED.
2. REAR PIT WALL MUST BE SQUARE W/ DOCK FLOOR.
3. ALL CURB ANGLE JOINTS TO BE WELDED SECURELY.
4. 1/2" PITCH TOWARD FRONT OF PIT FOR DRAINAGE.
5. COORDINATE PIT LEVELER CONSTRUCTION AND INSTALLATION W/ MFR. INSTALLATION INSTRUCTIONS AND PIT REQUIREMENTS - PRIOR TO PIT INSTALLATION. NATIONAL ACCOUNT VENDOR.

4 / A2.2 DOCK LEVELER PIT ISOMETRIC (TYP).
SCALE: 3/8"=1'-0"



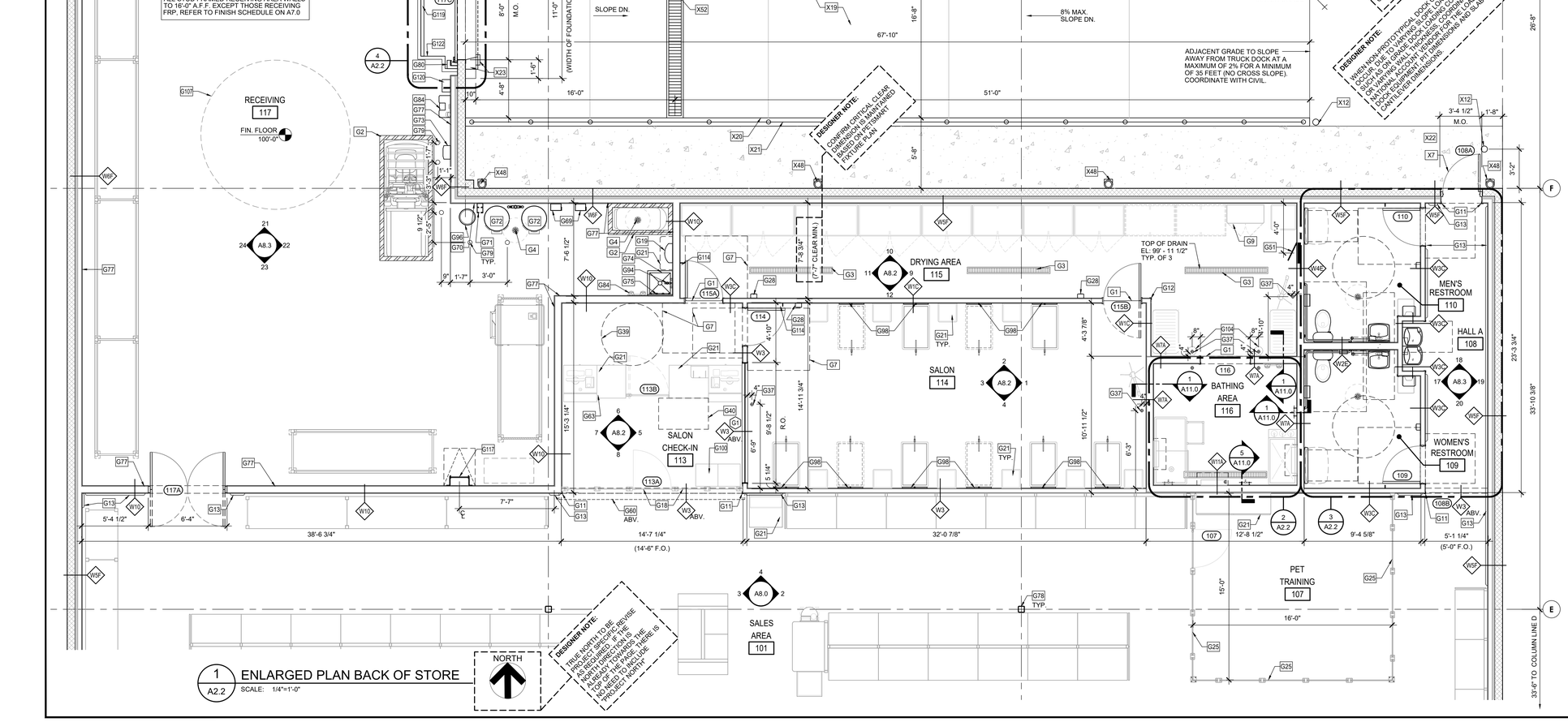
2 / A2.2 BATHING
SCALE: 3/8"=1'-0"

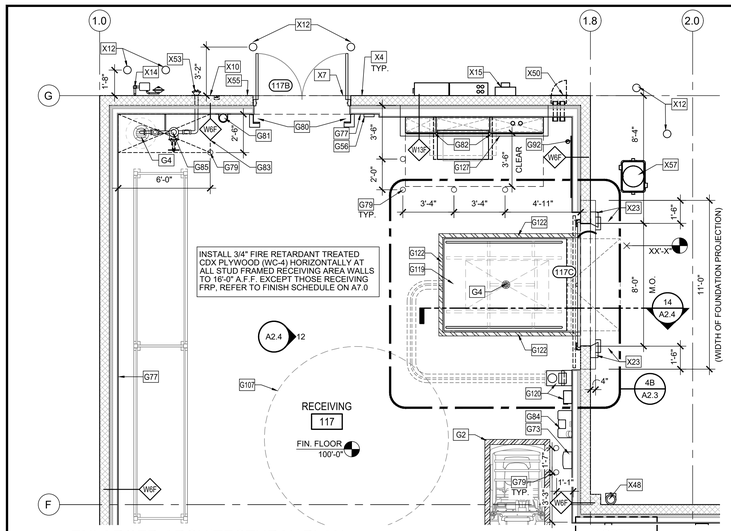


3 / A2.2 TOILET ROOMS
SCALE: 3/8"=1'-0"

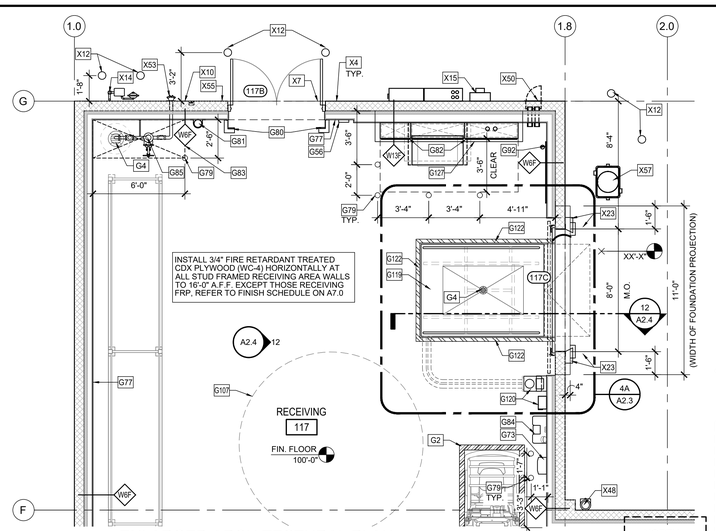
DESIGNER NOTE:
TRUE NORTH TO BE PROJECT SPECIFIC. REVISE AS REQUIRED. IF THE PROJECT DIRECTION IS NORTH DIRECTION AS REPORTED TOWARDS THE TOP OF THE PAGE, THERE IS NO NEED TO INCLUDE PROJECT NORTH.

DESIGNER NOTE:
WHERE MULTIPLE OCCUPANT RESTROOMS ARE REQUIRED, SEE FLOOR SHEET A2.2 FOR SIMILAR CONDITIONS.


1.0
1.8
2.0
3.0
4.0
38'-8"
32'-0"
6'-8"
38'-0"
15'-7"
11'-0"
10'-0"
6'-4 1/2"
M.O.
15'-7 1/2"
3'-0"
2'-0"
4'-8"
5'-0"
4'-8"
2'-0"
1'-9 3/4"
2'-6"
4'-3 1/2"
5'-0"
X12
X14
X53
X10
X55
117B
X7
X4 TYP.
3'-6" CLEAR
X15
4'-7"
X50
G80
G77
G56
G81
G4
G85
G79
G83
W6F
G92
W6E
G82
G122
6'-0"
3'-4"
3'-4"
4'-11"
G79 TYP.
INSTALL 3/4" FIRE RETARDANT TREATED CDX PLYWOOD (WC-4) HORIZONTALLY AT ALL STUD FRAMED RECEIVING AREA WALLS TO 16'-0" A.F.F. EXCEPT THOSE RECEIVING FRP, REFER TO FINISH SCHEDULE ON A7.0
X23
1'-6"
96'-0"
95'-10"
X52
X19
16'-8"
67'-10"
8% MAX. SLOPE DN.
SLOPE DN.
8'-0"
M.O.
11'-0"
(WIDTH OF FOUNDATION PROJECTION)
117C
G119
G122
G80
G120
X23
1'-6"
4'-8"
10"
16'-0"
51'-0"
4 / A2.2
RECEIVING
117
FIN. FLOOR 100'-0"
G107
G84
G77
G73
G75
G2
1'-1"
1'-1"
3'-3"
W6F
W6E
9 1/2"
2'-5"
G72
G72
G69
G96
G70
G71
G75 TYP.
9"
1'-7"
3'-0"
7'-6 1/2"
21
24
A8.3
22
23
W6F
G77
W10
G84
G4
G2
G19
G21
G74
G94
G75
W2C
G1
115A
G7
G114
G28
G3
7'-6 3/4"
(7'-7" CLEAR MIN.)
10
11
A8.2
9
12
DRYING AREA
115
W1C
G3
G28
G1
115B
W1C
G12
TOP OF DRAIN EL. 99' - 11 1/2" TYP. OF 3
G9
G51
4'-0"
W5F
G11
G13
W3C
MEN'S RESTROOM
110
W4E
W2E
HALL A
108
W3C
18
17
A8.3
19
20
W6F
WOMEN'S RESTROOM
109
108B
W3
ABV.
G13
G11
5'-1 1/4"
(5'-0" F.O.)
23'-3 3/4"
33'-10 3/8"
G114
G7
114
G28
4'-10"
W2
G98
G21 TYP.
SALON
114
2
3
A8.2
1
4
4'-3 7/8"
G39
G21
G7
113B
SALON CHECK-IN
113
G40
G3
W3 ABV.
G100
6
7
A8.2
5
8
6'-9"
9'-8 1/2"
R.O.
5 1/4"
14'-11 3/4"
G37
4"
G63
15'-3 1/4"
G117
W10
G77
117A
G13
5'-4 1/2"
6'-4"
W10
7'-7"
38'-6 3/4"
G11
G13
G60 ABV.
W3 ABV.
G18
14'-7 1/4"
(14'-6" F.O.)
G11
G13
W3
32'-0 7/8"
G21
G98
G21 TYP.
G98
G98
10'-11 1/2"
6'-3"
W1K
5
A11.0
107
12'-8 1/2"
2
A2.2
3
A2.2
9'-4 5/8"
W3C
G13
108A
X22
X7
X48
3'-2"
3'-4 1/2"
M.O.
1'-8"
X12
X20
X21
X48
5'-8"
X48
X48
X48
X12
X12
X12



1A A2.3 ENLARGED ARCHITECTURAL PLAN
BACK OF STORE - SERCO SCISSOR LIFT
SCALE: 1/4"=1'-0"



1B A2.3 ENLARGED ARCHITECTURAL PLAN
BACK OF STORE - BLUE GIANT SCISSOR LIFT
SCALE: 1/4"=1'-0"

WALL PARTITION INSULATION LEGEND:

WXY	W= WALL TYPE TAG. (SEE SHEET A9.0 FOR WALL TYPES) X= NUMBER IDENTIFYING WHICH WALL TYPE Y= LETTER IDENTIFYING WHICH TYPE & EXTENT OF INSULATION

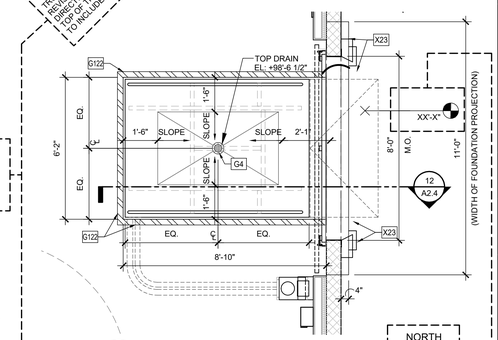
LABEL	INSULATION DESCRIPTION
"A"	2-1/2" RIGID INSULATION FULL HEIGHT
"B"	UNFACED 3-1/2" BATT. INSULATION FULL HEIGHT
"C"	UNFACED 3-1/2" BATT. INSULATION TO 6" ABOVE FINISHED CEILING
"D"	UNFACED 6" BATT. INSULATION FULL HEIGHT
"E"	UNFACED 6" BATT. INSULATION TO 6" ABOVE FINISHED CEILING
"F"	2-1/2" RIGID INSULATION FULL HEIGHT

DESIGNER NOTE: TRUE NORTH TO BE PROJECT SPECIFIC. REVISE AS REQUIRED. IF THE NORTH DIRECTION IS ALREADY TOWARDS THE TOP OF THE PAGE, THERE IS NO NEED TO INCLUDE "PROJECT NORTH" NOTE.

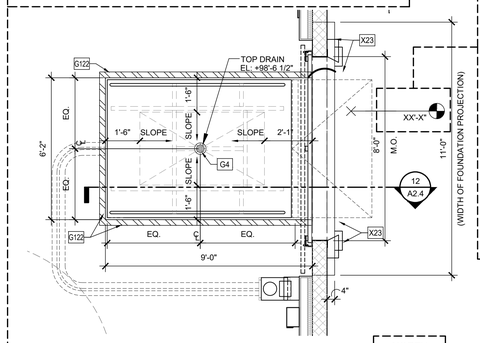
DESIGNER NOTE: I. MODIFY RIGID INSULATION TO MEET LOCAL ENERGY CODE COMPLIANCE.

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.
2. NO VISIBLE FLOOR CUTS ACCEPTABLE @ ANY LOCATIONS, UNLESS APPROVED BY PETSMART CONSTRUCTION MANAGER.
3. ALL INTERIOR PARTITION DIMENSIONS ARE TO FACE OF STUD OR INTERIOR FACE OF EXTERIOR CMU/CONC. WALL UNLESS NOTED OTHERWISE.
4. SEALANTS TO BE SAME COLOR AS ADJACENT SURFACE UNLESS NOTED OTHERWISE.
4. ASSUMED FINISH FLOOR ELEVATION WITH THE ARCHITECTURAL DRAWINGS IS SHOWN AS 100'-0".
5. SEALANT IN ALL WET AREAS TO BE SIKAFLEX 1A POLYURETHANE SEALANT (COLOR TO MATCH ADJACENT SURFACES)
6. PROVIDE RODENT CONTROL MESH SECURED WITH EXPANDING FOAM AROUND ALL PENETRATIONS. INSTALL IN A WORKMANLIKE MANNER, SEE SPECS.
7. FOR LOCATION OF DOOR JAMBS NOT SHOWN ON PLAN, SEE DETAIL 10/A6.0.
8. SEE SHEET A9.0 FOR WALL TYPES.
9. CONTRACTOR IS TO PROVIDE ALL REQUESTED SITE MEASURED DIMENSIONS FOR DECOR CONTRACTOR.
10. SEE SHEET A6.0 FOR DOOR SCHEDULE AND SHEET A6.1 FOR STOREFRONT AND WINDOW ELEVATIONS.



4A A2.3 SERCO SCISSOR LIFT
SCALE: 3/8"=1'-0"



4B A2.3 BLUE GIANT SCISSOR LIFT
SCALE: 3/8"=1'-0"

DESIGNER NOTE: ADJUST GRADES, ALL ELEVATION CONDITIONS AS REQUIRED FOR SPECIFIC SITE AND UNITED ELEVATIONS AS REQUIRED FOR JOB SPECIFIC CONDITIONS & MAINTAINING CODE REQUIREMENTS.

DESIGNER NOTE: WHEN NON-PROTOTYPICAL DOCK CONDITIONS OCCUR, DUE TO PARKING AT OPEN GRADE DOCKS, SLOPED AT OPEN GRADE DOCK DOORS, CHANGES IN GRADE DOCK DOOR OPENINGS, ACCOUNTING FOR THE LOADING DOCK EQUIPMENT PIT DIMENSIONS AND SLAB CANTILEVER DIMENSIONS.

G1 ARCHITECTURAL GENERAL KEY NOTES SCISSOR LIFT SPECIFIC: (REFER TO SHEET A0.1 FOR FULL LIST)

G119. PIT MOUNTED SCISSOR LIFT.

G120. SCISSOR LIFT CONTROL BOX WITH DISCONNECT AND OVERHEAD PHOTOEYE.. DISCONNECT TO BE PROVIDED SEPARATELY BY E.C. - SEE ELECTRICAL DWGS..

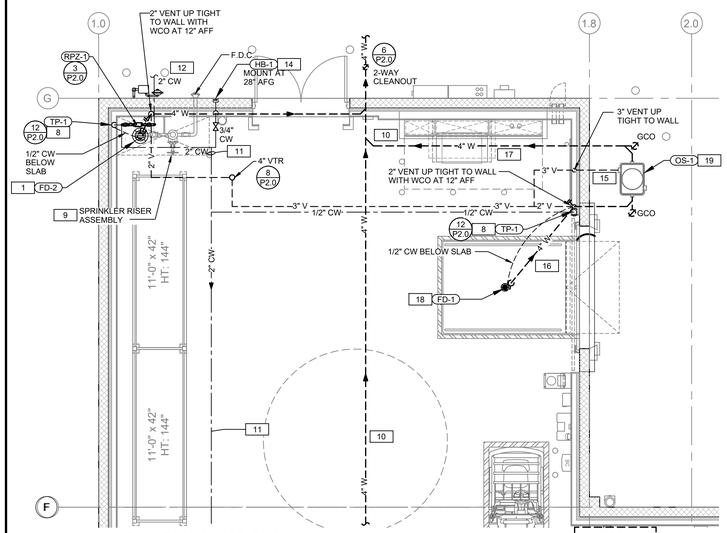
G122. SCISSOR LIFT PIT STEEL ANGLE - PAINT SAFETY YELLOW.

X1 ARCHITECTURAL EXTERIOR KEY NOTES SCISSOR LIFT SPECIFIC: (REFER TO SHEET A0.1 FOR FULL LIST)

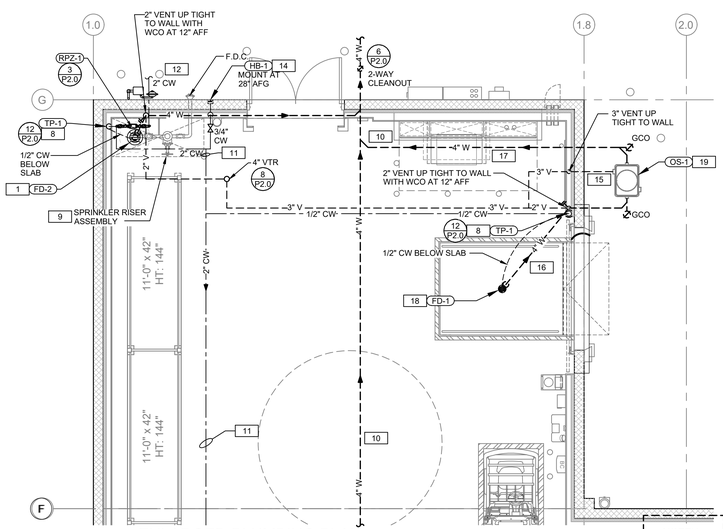
X57. OIL / WATER SEPARATOR WITH TRAFFIC RATED COVER - SEE PLUMBING DWGS.

PLUMBING KEY NOTES SCISSOR LIFT SPECIFIC: (REFER TO SHEET P1.1 FOR FULL LIST)

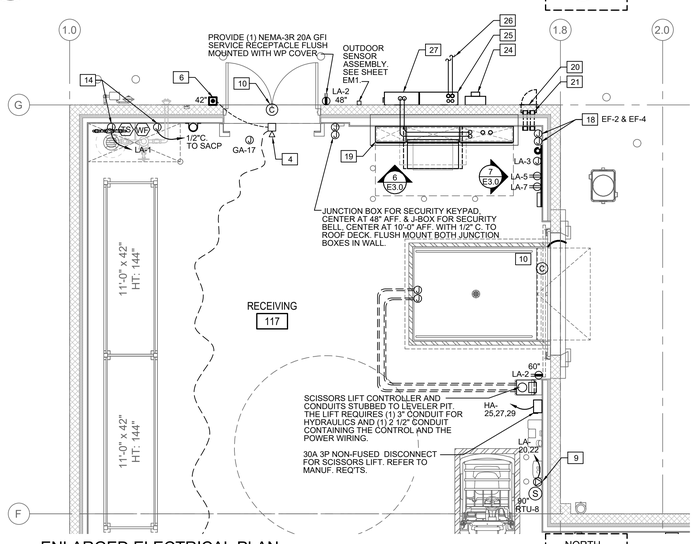
15. ROUTE 3" SANITARY VENT LINE INTO BUILDING BELOW FINISHED GRADE FROM OIL / WATER SEPARATOR WITH SLOPE 1% OR 1/8" PER FOOT MINIMUM. COORDINATE EXACT ROUTING WITH STRUCTURAL FOOTING.
16. ROUTE 4" WASTE LINE FROM PIT DRAIN TO OIL WATER SEPARATOR. INVERT ELEVATION IS AT XX'-XX" BFF AT POINT OF CONNECTION TO INTERCEPTOR. THIS IS BASED ON A 0 FFE AND A TOTAL DEVELOPED LENGTH OF XX.X FT. AT 1/4" SLOPE, AND A PIT DRAIN DEPTH OF XX.X".
17. ROUTE 4" WASTE LINE FROM OIL / WATER SEPARATOR TO MAIN SANITARY LINE. INVERT ELEVATION OF 4" GRAVITY WASTE IS AT XX'-XX" AT POINT OF CONNECTION. THIS IS BASED ON A 0 FFE AND A TOTAL DEVELOPED LENGTH OF XX.X FT. AT 1/4" SLOPE AND A STARTING DEPTH OF XX".
18. COORDINATE EXACT FLOOR DRAIN INSTALLATION WITH SCISSOR LIFT EQUIPMENT INSTALLATION.
19. COORDINATE EXACT OIL / WATER SEPARATOR LOCATION TO AVOID CONFLICT WITH WALL FOOTING.



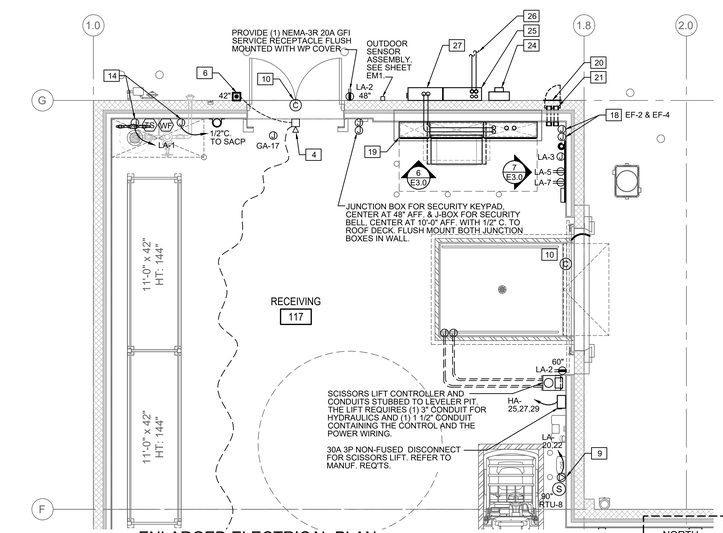
2A A2.3 ENLARGED PLUMBING PLAN
BACK OF STORE - SERCO SCISSOR LIFT
SCALE: 1/4"=1'-0"



2B A2.3 ENLARGED PLUMBING PLAN
BACK OF STORE - BLUE GIANT SCISSOR LIFT
SCALE: 1/4"=1'-0"



3A A2.3 ENLARGED ELECTRICAL PLAN
BACK OF STORE - SERCO SCISSOR LIFT
SCALE: 1/4"=1'-0"



3B A2.3 ENLARGED ELECTRICAL PLAN
BACK OF STORE - BLUE GIANT SCISSOR LIFT
SCALE: 1/4"=1'-0"

PLUMBING FIXTURE DATA

MARK	DESCRIPTION	LOCATION	MANUFACTURER	MODEL #	CONNECTION CW	HW	TRAP	WASTE	VENT	GAL.	PLUMBING FIXTURE SPECIFICATION
OS-1	OIL / WATER SEPARATOR	EXTERIOR WALL AT RECEIVING	STRIEM	OS-50	-	-	-	4"	3"	50	HIGH EFFICIENCY OIL / WATER SEPARATOR. IAPMO IGC 325 CERTIFIED. SEPARATOR FLOW RATE OF 50 GPM. PROVIDE AK1 ANCHOR KIT AND REINFORCED CONCRETE SLAB PER MFR. INSTRUCTIONS. PROVIDE H-20 TRAFFIC-RATED PICKABLE CAST IRON COVER.

NOTE: G.C. TO PURCHASE ALL PLUMBING FIXTURES BY NATIONAL VENDOR, NO SUBSTITUTIONS.

NOTES	MOUNT: INT, PWR CENTER				277/480		3-PHASE, 4W	PANEL		HA		CAPACITY: 100A			INT CAP: 65 KA			NOTES
	LOCATION: RECEIVING 117							LUGS:		MLO		DEMAND LOAD: 61 A			AC. FAULT: 16.1 KA			
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RCPT	HVAC	MISC	NP	CKT	
CL	1	2,556					LTG: SALES AREA	20	1	A	1	20	LTG: OFFICE/SUPPORT	868					2	CL
CL	3	2,045					LTG: SALES AREA	20	1	B	1	20	LTG: RESTROOM/SUPPORT	858					4	CL
CL	5	1,758					LTG: SALES AREA	20	1	C	1	20	LTG: EMERGENCY/NIGHT	234					6	L
CL	7	1,461					LTG: SALES AREA	20	1	A	1	20	LTG: ADOPTIONS	156					8	CL
C	9	666					LTG: RECEIVING	20	1	B	1	20	SPARE						10	
L	11	187					LTG: EMERGENCY/NIGHT	20	1	C	1	20	LTG: EXTERIOR	869					12	C
	13						SPARE	20	1	A	1	20	SPARE						14	
	15						SPARE	20	1	B	1	20	SPARE						16	
	17						SPARE	20	1	C	1	20	SPARE						18	
	19						SPARE	15	3	A	3	25	WATER HEATER: WH-1				4,487		20	
	21									B							4,487		22	
	23									C							4,487		24	
	25				3,000		PIT LEVELER	20	3	A	3	25	WATER HEATER: WH-2				4,487		26	
	27				3,000					B							4,487		28	
	29				3,000					C							4,487		30	

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	11.66	14.57	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	0.00	0.00	KVA	10 KVA + 50% REMAINDER NEC 220.44	47.58	KVA	50.49	KVA
A	17.02	KVA	35.8	HVAC	0.00	0.00	KVA	LOAD + 25% LARGEST MOTOR	57.26	A	60.76	A
B	15.54	KVA	32.7	MISC	35.92	35.92	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	15.02	KVA	31.6	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. ALL CIRCUITS WITH EMERGENCY LIGHTING INCLUDED, EC SHALL PROVIDE CONSTANT HOT WIRE FOR ASSOCIATED EM LIGHT FIXTURES
C. FURNISH WITH SERIES RATING LABEL

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO:
16K 2026 US INSTRUCTION SET

ORIGINAL SCALE:
AS INDICATED

DRAWN BY:
XXX

CHECKED BY:
XXX

PAGE #: 09 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DISCIPLINE:
ARCHITECTURAL

TITLE:
SUPPLIMENTAL PLANS & SCHEDULES

SHEET NUMBER:
A2.3

G1	ARCHITECTURAL GENERAL KEY NOTES SCISSOR LIFT SPECIFIC: (REFER TO SHEET A0.1 FOR FULL LIST)

G119. PIT MOUNTED SCISSOR LIFT.

G120. SCISSOR LIFT CONTROL BOX WITH DISCONNECT AND OVERHEAD PHOTOEYE.. DISCONNECT TO BE PROVIDED SEPARATELY BY E.C. - SEE ELECTRICAL DWGS..

G122. SCISSOR LIFT PIT STEEL ANGLE - PAINT SAFETY YELLOW.

WALL PARTITION INSULATION LEGEND:

WXY

W= WALL TYPE TAG. (SEE SHEET A9.0 FOR WALL TYPES)
X= NUMBER IDENTIFYING WHICH WALL TYPE
Y= LETTER IDENTIFYING WHICH TYPE & EXTENT OF INSULATION

LABEL	INSULATION DESCRIPTION
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"F"	2-1/2" RIGID INSULATION FULL HEIGHT

DESIGNER NOTE:
I. MODIFY RIGID INSULATION TO WHERE IS REQUIRED TO MEET LOCAL ENERGY CODE COMPLIANCE

GENERAL NOTES:

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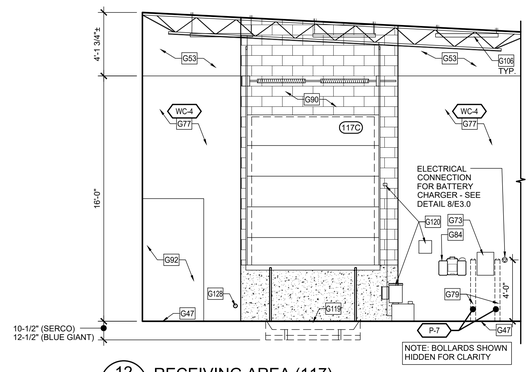
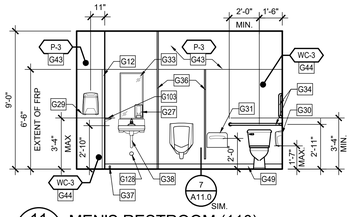
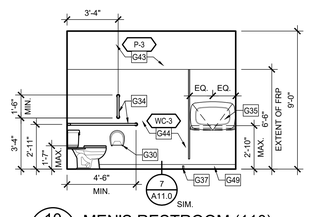


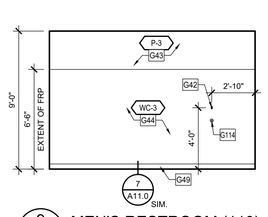
12 A2.4 RECEIVING AREA (117)
SCALE: 1/4"=1'-0"



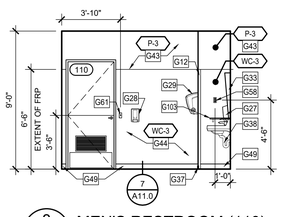
11 A2.4 MEN'S RESTROOM (110)
SCALE: 1/4"=1'-0"



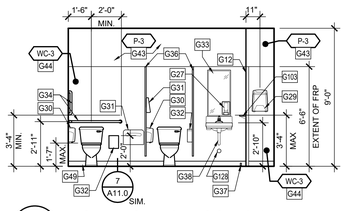
10 A2.4 MEN'S RESTROOM (110)
SCALE: 1/4"=1'-0"



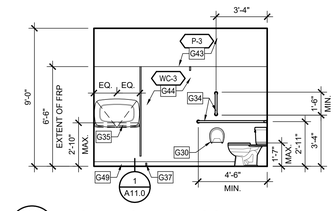
9 A2.4 MEN'S RESTROOM (110)
SCALE: 1/4"=1'-0"



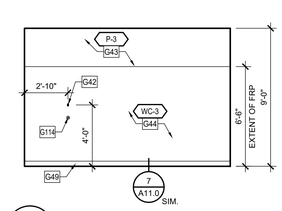
8 A2.4 MEN'S RESTROOM (110)
SCALE: 1/4"=1'-0"



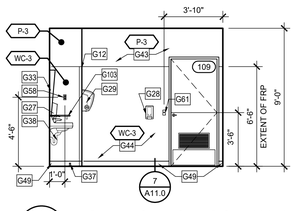
7 A2.4 WOMEN'S RESTROOM (109)
SCALE: 1/4"=1'-0"



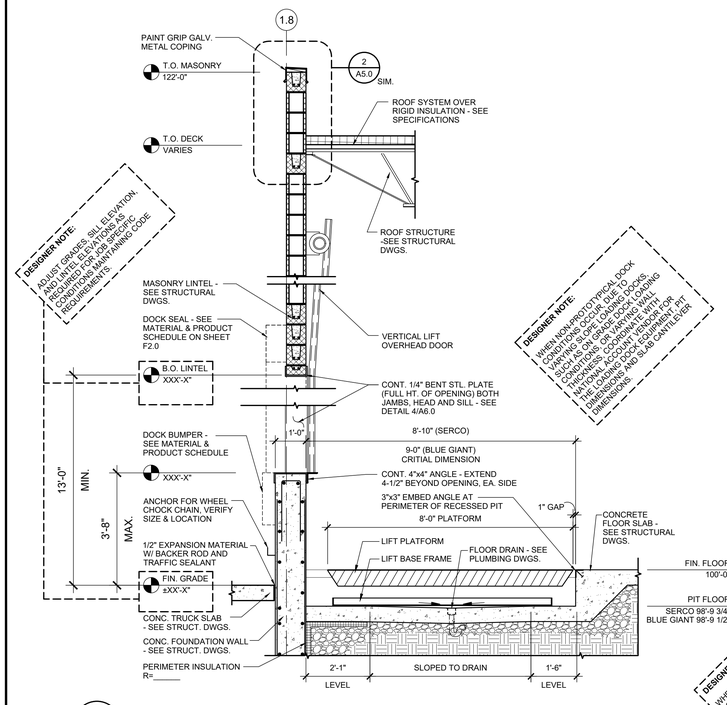
6 A2.4 WOMEN'S RESTROOM (109)
SCALE: 1/4"=1'-0"



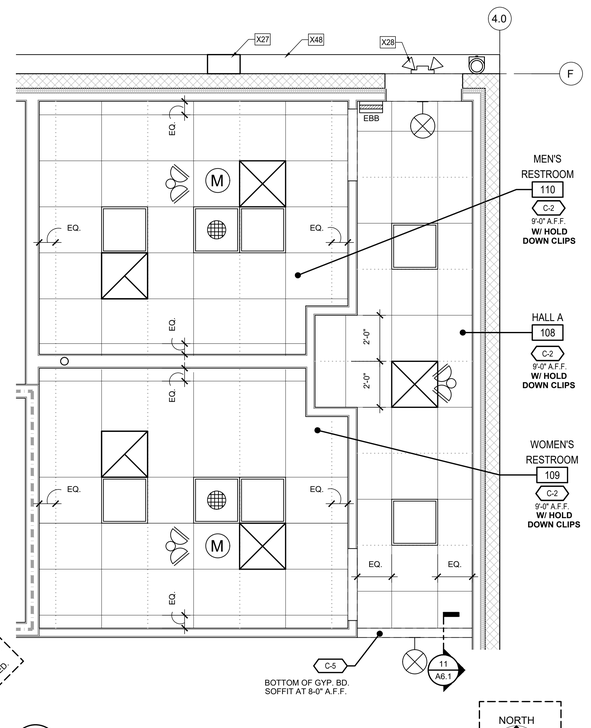
5 A2.4 WOMEN'S RESTROOM (109)
SCALE: 1/4"=1'-0"



4 A2.4 WOMEN'S RESTROOM (109)
SCALE: 1/4"=1'-0"



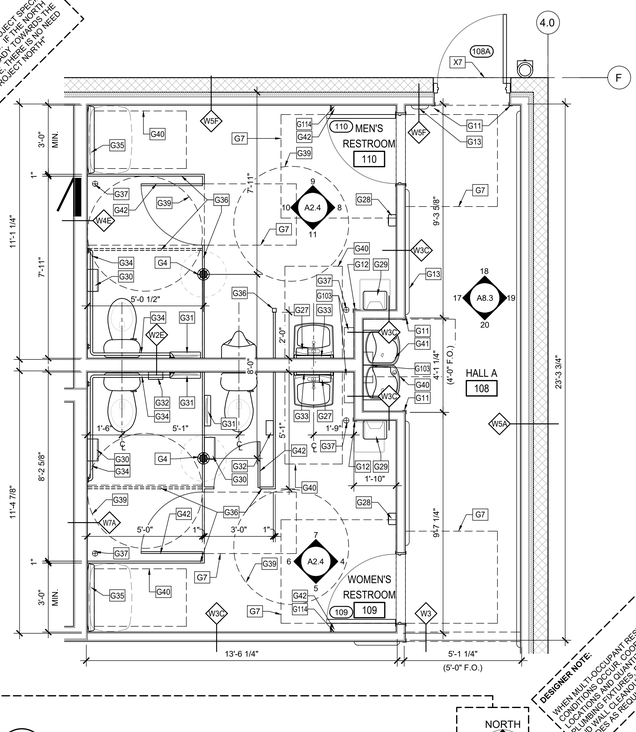
3 A2.4 WALL SECTION
SCALE: 1/2"=1'-0"



2 A2.4 TOILET ROOMS RCP
SCALE: 3/8"=1'-0"

NORTH

DESIGNER NOTE:
TRUE NORTH TO BE PROJECT SPECIFIC. DEVICES AS NEEDED. "NORTH" TO BE ADJUSTED TOWARDS THE TOP OF THE PAGE, THERE IS NO NEED TO INCLUDE "PROJECT NORTH"



1 A2.4 TOILET ROOMS
SCALE: 3/8"=1'-0"

NORTH

DESIGNER NOTE:
WHEN MULTI-OCCUPANT RESTROOM CONDITIONS OCCUR, COORDINATE LOCATIONS AND QUANTITIES OF DEMISING PARTITIONS, SEPARATORS AND MOUNTING BLOCKING WITH OTHER TRADES AS REQUIRED

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

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#	DESCRIPTION	DATE

PROJECT NO:
16K 2026 US INSTRUCTION SET

ORIGINAL SCALE:
AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DRAWN BY: XXX

CHECKED BY: XXX

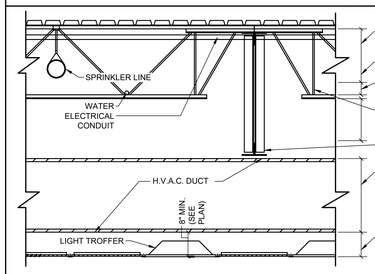
PAGE #: 09 OF: 47

DISCIPLINE:
ARCHITECTURAL

TITLE:
SUPPLIMENTAL PLANS & ELEVATIONS

SHEET NUMBER:
A2.4

TYP. CEILING SPACE LAYOUT



GENERAL NOTES:

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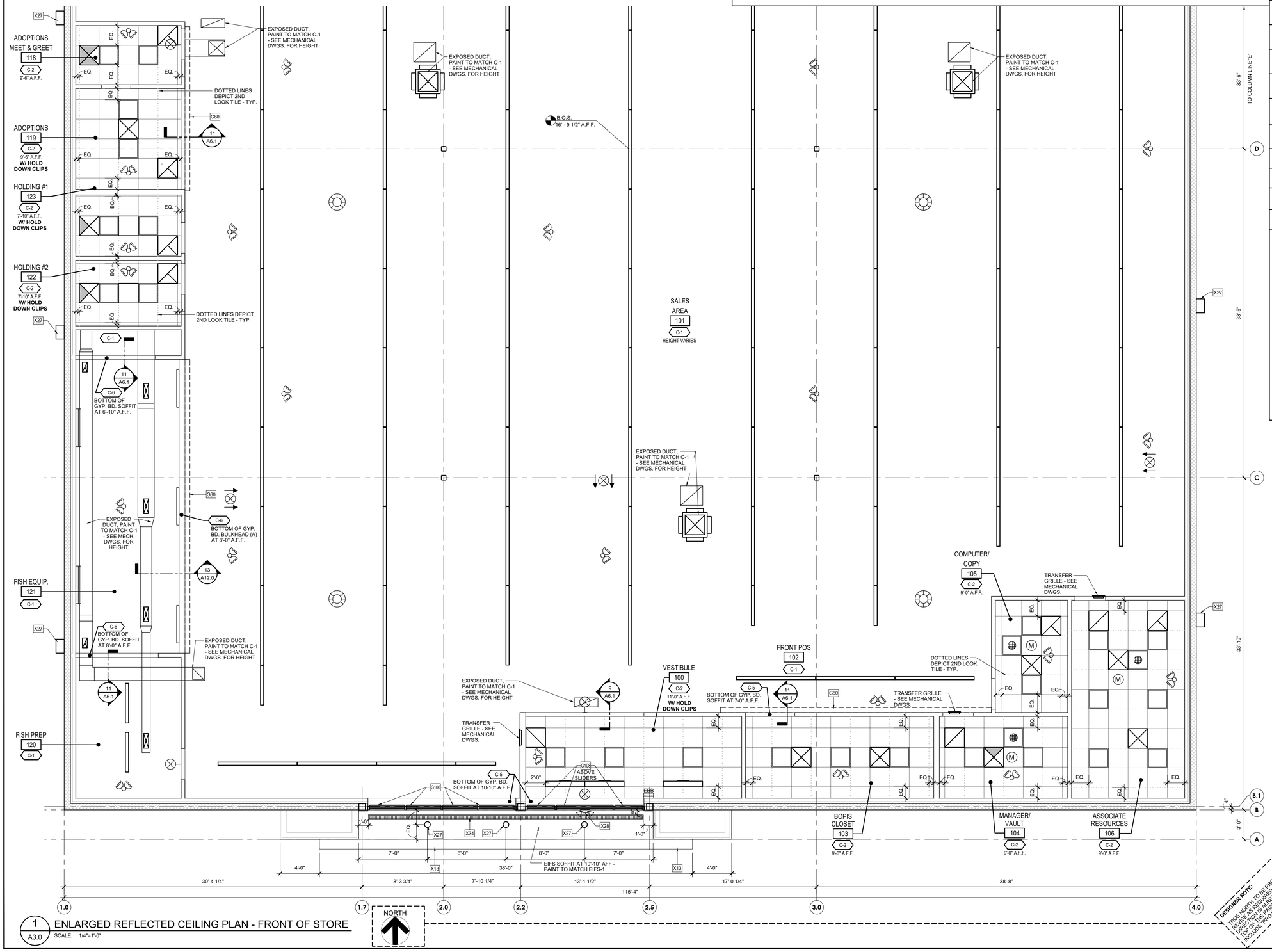
2. IT REMAINS EACH CONTRACTORS RESPONSIBILITY TO COORDINATE ROUTING OF LINES, DUCTS, CONDUIT WITH OTHER TRADES TO INSURE A COMPLETE INSTALLATION.
3. HOLD ELECTRICAL CONDUIT TIGHT AS POSSIBLE TO TOP CHORD OF JOISTS.
4. **ALL EQUIPMENT, WATER LINES, CEILING GRID, HVAC DUCTWORK, ROOF LEADER PIPING, CONDUITS, LIGHT FIXTURES, AND FIRE SPRINKLER LINES MUST BE SUSPENDED FROM THE JOISTS ONLY. DO NO LAY ALONG THE BOTTOM CHORD OF JOISTS OR SUSPEND FROM THE ROOF DECK.**
5. H.V.A.C. DUCTWORK TO BE INSTALLED IN JOIST SPACE ON CERTAIN PROJECTS. BOTTOM OF DUCTWORK TO BE ABOVE BOTTOM OF JOIST, VERIFY WITH MECHANICAL SHEETS ON EACH PROJECT FOR SPECIFIC REQUIREMENTS AND EXACT LOCATION OF DUCTWORK.
6. THIS DETAIL TO BE DISTRIBUTED TO ALL CONTRACTORS INSTALLING WORK LISTED.
7. PIPING AND OR CONDUIT PENETRATING WALLS, IN CUSTOMER AREAS, SHALL BE CONCEALED IN ADJACENT METAL STUD WALLS OR BOXED OUT, TO BE HIDDEN FROM CUSTOMERS VIEW. ALL BOX OUT AREAS ARE TO BE AS SMALL AS POSSIBLE AND BE APPROVED BY ARCHITECT AND OWNER PRIOR TO INSTALLATION.

CEILING SYMBOLS:

	SUSPENDED 8' LED LIGHT @14'-0" OR 12'-0" AFF (REFER TO ELECTRICAL)
	WALL MOUNTED 4' LED LIGHT @96" OR 108" AFF (REFER TO ELECTRICAL)
	2X2 LED LIGHT IN T-BAR CEILING
M	CEILING MOTION SENSOR
	CANOPY POT LIGHTS
	EXTERIOR WALL MOUNTED FIXTURE
	EMERGENCY EXIT SIGNAGE - LOCATE AND MOUNT PER CITY AND FIRE MARSHALL REQUIREMENTS. COORDINATE WITH ELECTRICAL, WALL MOUNT AT DOORS.
	EMERGENCY LIGHT HEADS - CEILING MOUNTED
EBB	DC BATTERY UNIT, SEE ELECTRICAL DRAWINGS
	CEILING MOUNTED SPEAKER
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXHAUST DIFFUSER
	2' x 4' RETURN DIFFUSER
	LINEAR SLOT DIFFUSER
	LOUDSPEAKER
	PENDANT MOUNTED SPEAKER

CEILING LEGEND:

C-1	EXPOSED CONSTRUCTION - PAINT (P-1) EXPOSED DUCTWORK, EXPOSED GRILLS, PIPING, STRUCTURE, ETC. UP TO & INCLUDING BOTTOM OF ROOF DECK "DOVER GRAY" PPG 1001-5 (DRYFALL)
C-2	2X4 LAY-IN ACOUSTICAL CEILING PANEL USG INTERIORS, INC. PATTERN: RADAR CLIMAPLUS ILLUSION TWO/24 NO. 2842 FINISH: FACTORY PREFINISHED WHITE
C-3	2X4 VINYL COATED LAY-IN ACOUSTICAL CEILING PANEL USG INTERIORS, INC. PATTERN: SHEETROCK CLIMAPLUS #3270 FINISH: WHITE VINYL FACING IN STIPPLE PATTERN
C-4	2X4 REINFORCED FIBERGLASS LAY-IN ACOUSTICAL CEILING PANEL CERTAINTEED. PATTERN: SYMPHONY F 1340-IOF-1 FINISH: WHITE OVERTONE
C-5	EXPOSED GYPSUM BOARD-PAINT (P-2). "COMMERCIAL WHITE" #PPG1025-1.
C-6	BULKHEAD PAINT (P-3). DOVER GRAY #PPG1001-5 PPG PAINTS.
C-7	FRP FINISH TO MATCH ROOM FINISH, REFER TO INTERIOR ELEVATIONS



1 A3.0 ENLARGED REFLECTED CEILING PLAN - FRONT OF STORE

SCALE: 1/4"=1'-0"

DESIGNER NOTE:
TRUE NORTH, TO BE PROJECT SPECIFIC/ REVISE AS REQUIRED. THIS NORTH DIRECTION IS PURPOSELY ROTATED TO INCLUDE ALL ITEMS SHOWN AND NEED TO INCLUDE "PROJECT NORTH"

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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CHECKED BY: XXX

PAGE # 10 OF: 47

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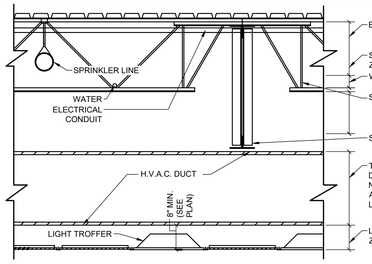
1"

DISCIPLINE: ARCHITECTURAL

TITLE:
ENLARGED REFLECTED CEILING PLAN

SHEET NUMBER:
A3.0

TYP. CEILING SPACE LAYOUT



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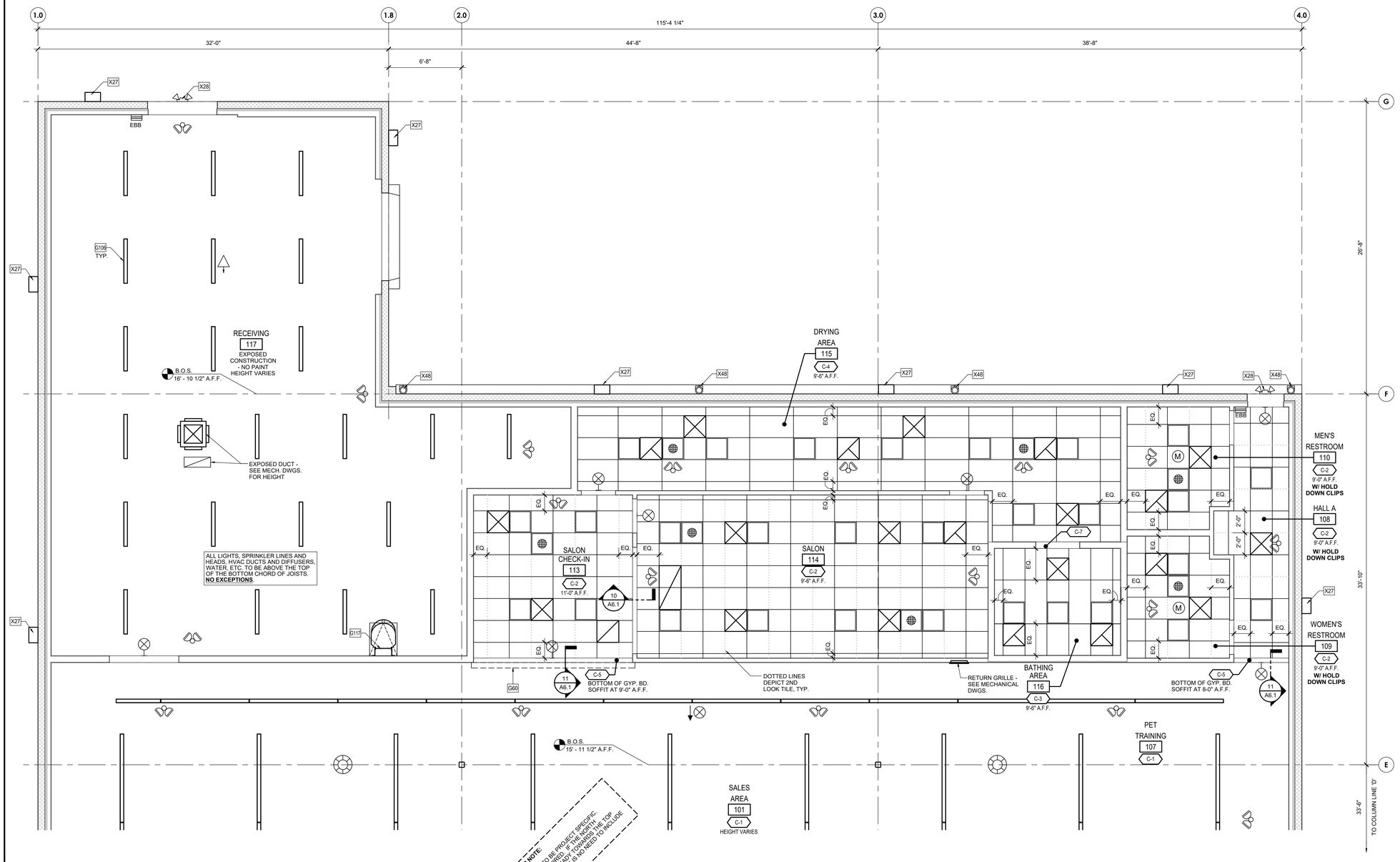

1 / A3.1 ENLARGED REFLECTED CEILING PLAN - BACK OF STORE

SCALE: 1/4"=1'-0"

NORTH

DESIGNER NOTE:
TRUE NORTH TO BE PROJECT SPECIFIC. IF DIRECTION IS NOT THE NORTH OF THE PAGE, THERE IS NO NEED TO INCLUDE "PROJECT NORTH". THERE IS NO NEED TO INCLUDE

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TENANT:

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PAGE # 11 OF: 47

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1"

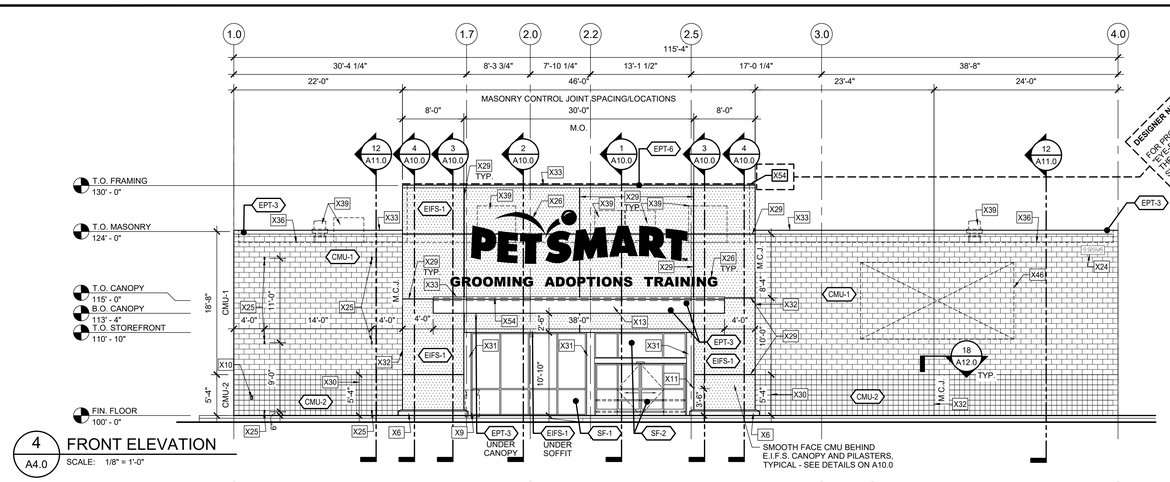
DISCIPLINE: ARCHITECTURAL

TITLE:

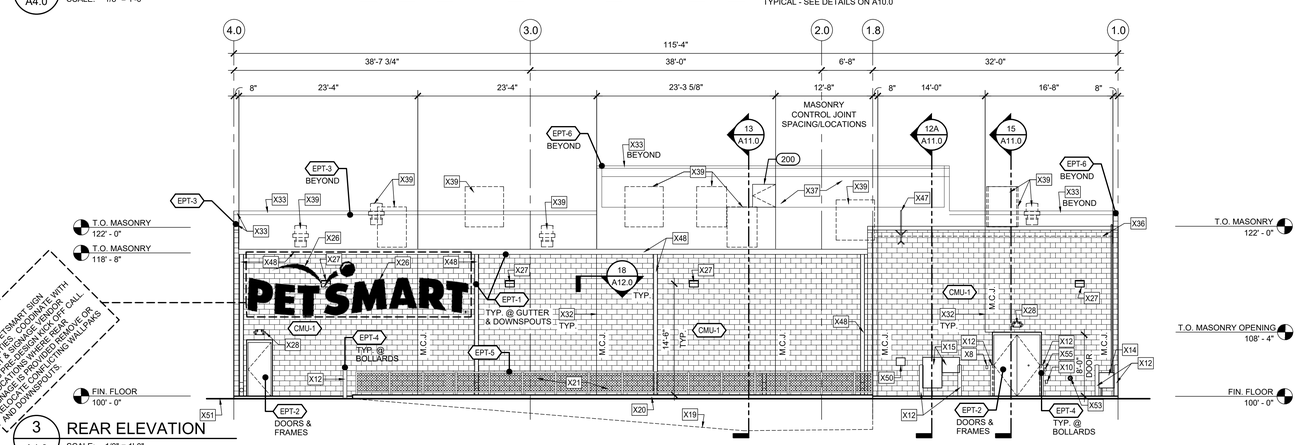
ENLARGED REFLECTED CEILING PLAN

SHEET NUMBER:

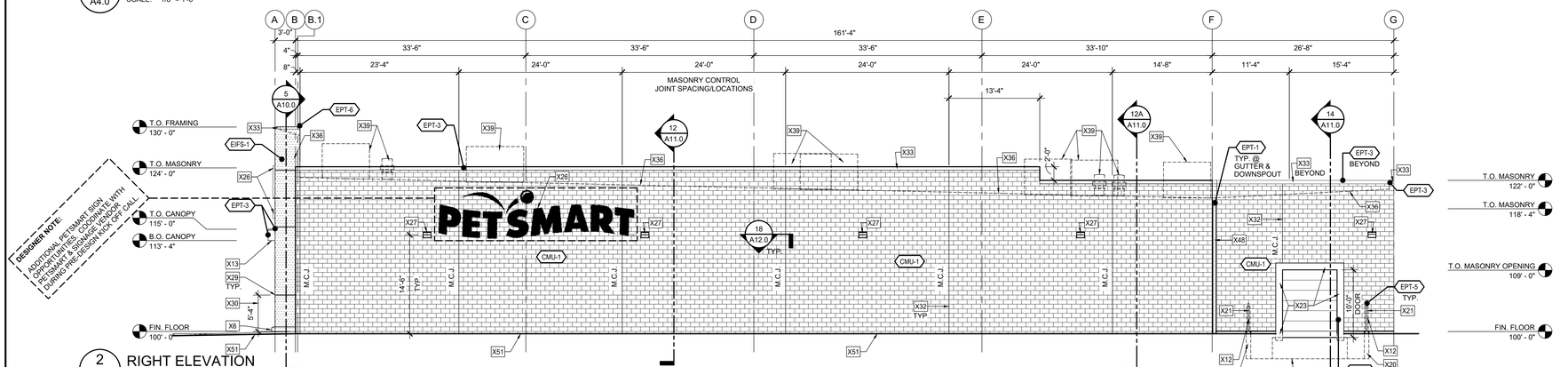
A3.1



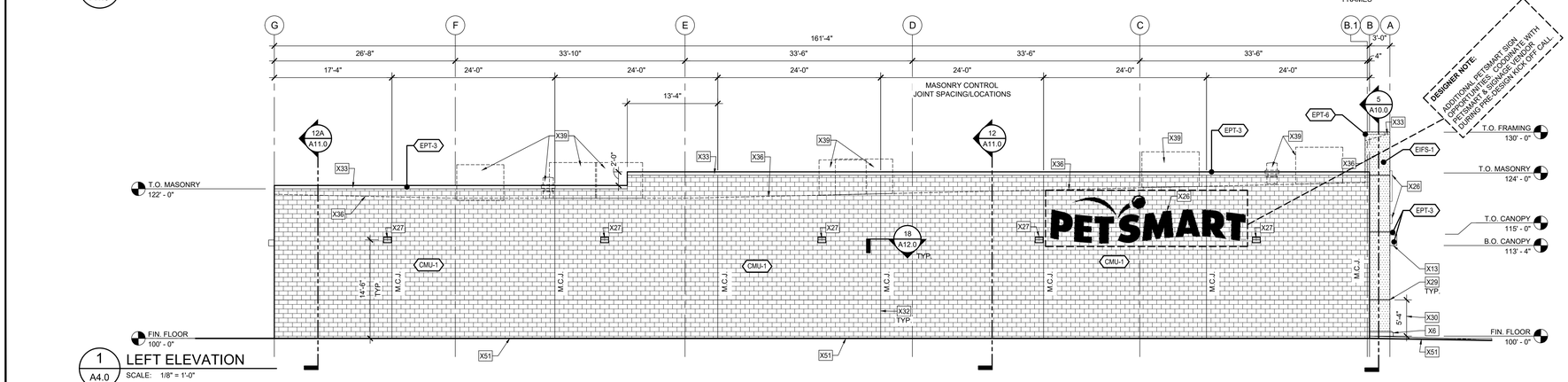
4 A4.0 FRONT ELEVATION
SCALE: 1/8" = 1'-0"



3 A4.0 REAR ELEVATION
SCALE: 1/8" = 1'-0"



2 A4.0 RIGHT ELEVATION
SCALE: 1/8" = 1'-0"



1 A4.0 LEFT ELEVATION
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.

MATERIAL/FINISH SCHEDULE (EXTERIOR)

	MATERIAL	FINISH COAT(S)	COLOR
CMU-1	SMOOTH FACE CMU	2 COATS SPEEDHIDE ACRYLIC EXTERIOR FLAT - 6-610XI	PAINT PPG PAINTS #PPG1007-5 "LAZY AFTERNOON"
CMU-2	SINGLE SCORE CMU	2 COATS SPEEDHIDE ACRYLIC EXTERIOR FLAT - 6-610XI	PAINT PPG PAINTS #PPG1007-6 "COOL CHARCOAL"
EIFS-1	E.I.F.S.	2 COATS SPEEDHIDE ACRYLIC EXTERIOR FLAT - 6-610XI	PAINT PPG PAINTS #PPG1002-2 "ARCTIC COTTON" SAND FINISH
EIFS-2	E.I.F.S.	2 COATS SPEEDHIDE ACRYLIC EXTERIOR FLAT - 6-610XI	PAINT PPG PAINTS #PPG1007-5 "LAZY AFTERNOON" SAND FINISH
EPT-1	GUTTERS & DOWNSPOUTS	PAINT GRIP GALVANIZED 2 COATS PITT-TECH DIRECT-TO-METAL SEMI-GLOSS 90-1210	PAINT PPG PAINTS #PPG1007-5 "LAZY AFTERNOON"
EPT-2	DOORS & FRAMES	PAINT GRIP GALVANIZED 2 COATS PITT-TECH DIRECT-TO-METAL SEMI-GLOSS 90-1210	PAINT PPG PAINTS MATCH EXTERIOR WALL COLOR
EPT-3	COPING / STEEL PLATE	PAINT GRIP GALVANIZED 2 COATS PITT-TECH DIRECT-TO-METAL SEMI-GLOSS 90-1210	PAINT PPG PAINTS #PPG1007-5 "LAZY AFTERNOON"
EPT-4	PIPE BOLLARD	2 COATS PITT-TECH DIRECT-TO-METAL SEMI-GLOSS 90-1210	PAINT PPG PAINTS TRAFFIC YELLOW
EPT-5	CHAIN LINK FENCE	PREFINISHED GALVANIZED (NO PAINT)	GALVANIZED
EPT-6	COPING	PAINT GRIP GALVANIZED 2 COATS PITT-TECH DIRECT-TO-METAL SEMI-GLOSS 90-1210	PAINT PPG PAINTS #PPG1002-2 "ARCTIC COTTON"
SF-1	STOREFRONT	ANODIZED FINISH (NO PAINT)	PREFINISHED CLEAR ANODIZED ALUMINUM FRAMING FINISH W/ 1" LOW-E INSULATING TEMPERED GLASS, PPG INDUSTRIES SOLARBAN ## (2) + CLEAR (OR APPROVED EQUAL).
SF-2	AUTOMATIC SLIDING ENTRANCE DOOR W/ TRANSOM	ANODIZED FINISH (NO PAINT)	PREFINISHED CLEAR ANODIZED ALUMINUM FRAMING FINISH W/ 1" LOW-E INSULATING GLASS, PPG INDUSTRIES SOLARBAN ## (2) + CLEAR (OR APPROVED EQUAL). PROVIDE TEMPERED GLASS IN SLIDING DOOR AND SIDE LIGHTS AND HEAT STRENGTHENED AT TRANSOM.

MATERIAL/PRIMER SCHEDULE (EXTERIOR)

MATERIAL	PRIMERS
EXTERIOR GALVANIZED METAL	1 COAT PITT-TECH DIRECT-TO-METAL PRIMER 90-712
EXTERIOR FERROUS METAL	1 COAT PITT-TECH DIRECT-TO-METAL PRIMER 90-712
EXTERIOR CMU	1 COAT SPEEDHIDE ACRYLIC BLOCK FILLER 6-15XI
E.I.F.S.	1 COAT PPG SEAL GRIP PRIMER SEALER 17-912
PIPE BOLLARDS	1 COAT PITT-TECH DIRECT-TO-METAL PRIMER 90-712

"U" GROOVE REVEAL

"V" GROOVE REVEAL

VERTICAL CONTROL JOINT

HORIZONTAL CONTROL JOINT

5 A4.0 TYPICAL EIFS CONTROL & REVEAL JOINTS
SCALE: 1" = 1'-0"

TENANT:
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PAGE #: 12 OF: 47
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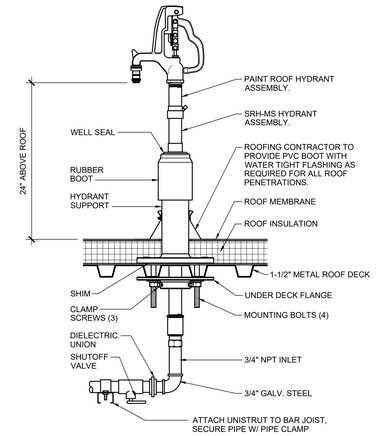
DISCIPLINE: ARCHITECTURAL

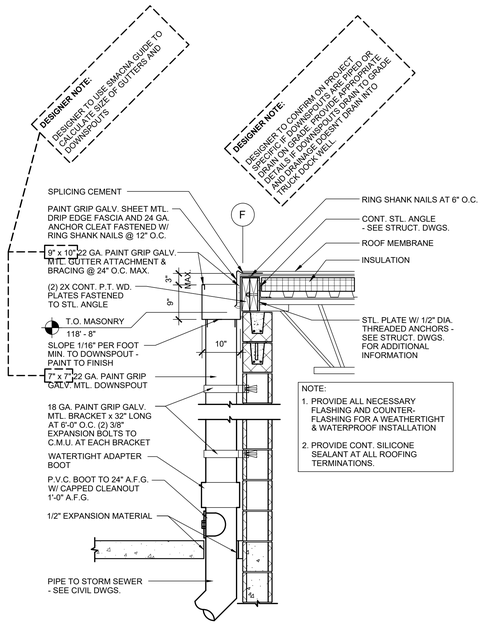
TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A4.0



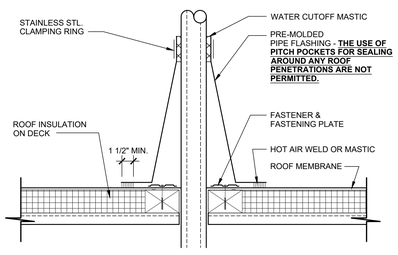
7 A5.0 ROOF HYDRANT INSTALLATION

SCALE: 1 1/2" = 1'-0"



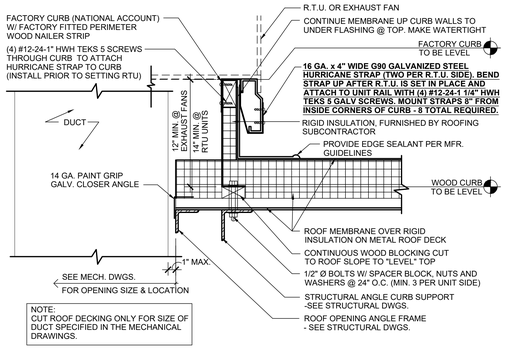
6 A5.0 TYPICAL GUTTER / DOWNSPOUT

SCALE: 3/4" = 1'-0"



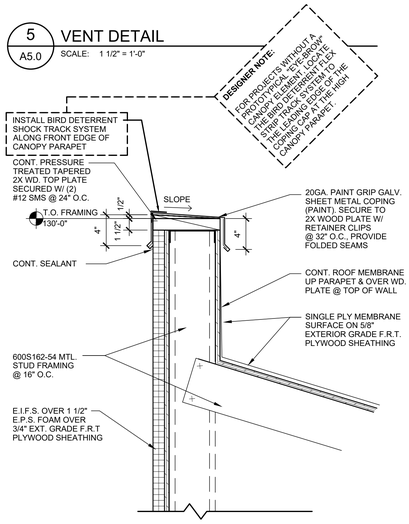
5 A5.0 VENT DETAIL

SCALE: 1 1/2" = 1'-0"



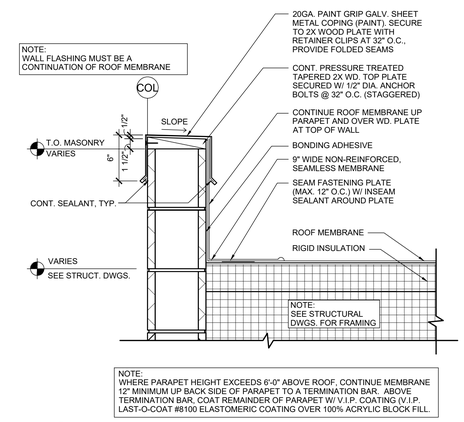
4 A5.0 TYP. CURB AT RTU & EXHAUST FANS

SCALE: 1 1/2" = 1'-0"



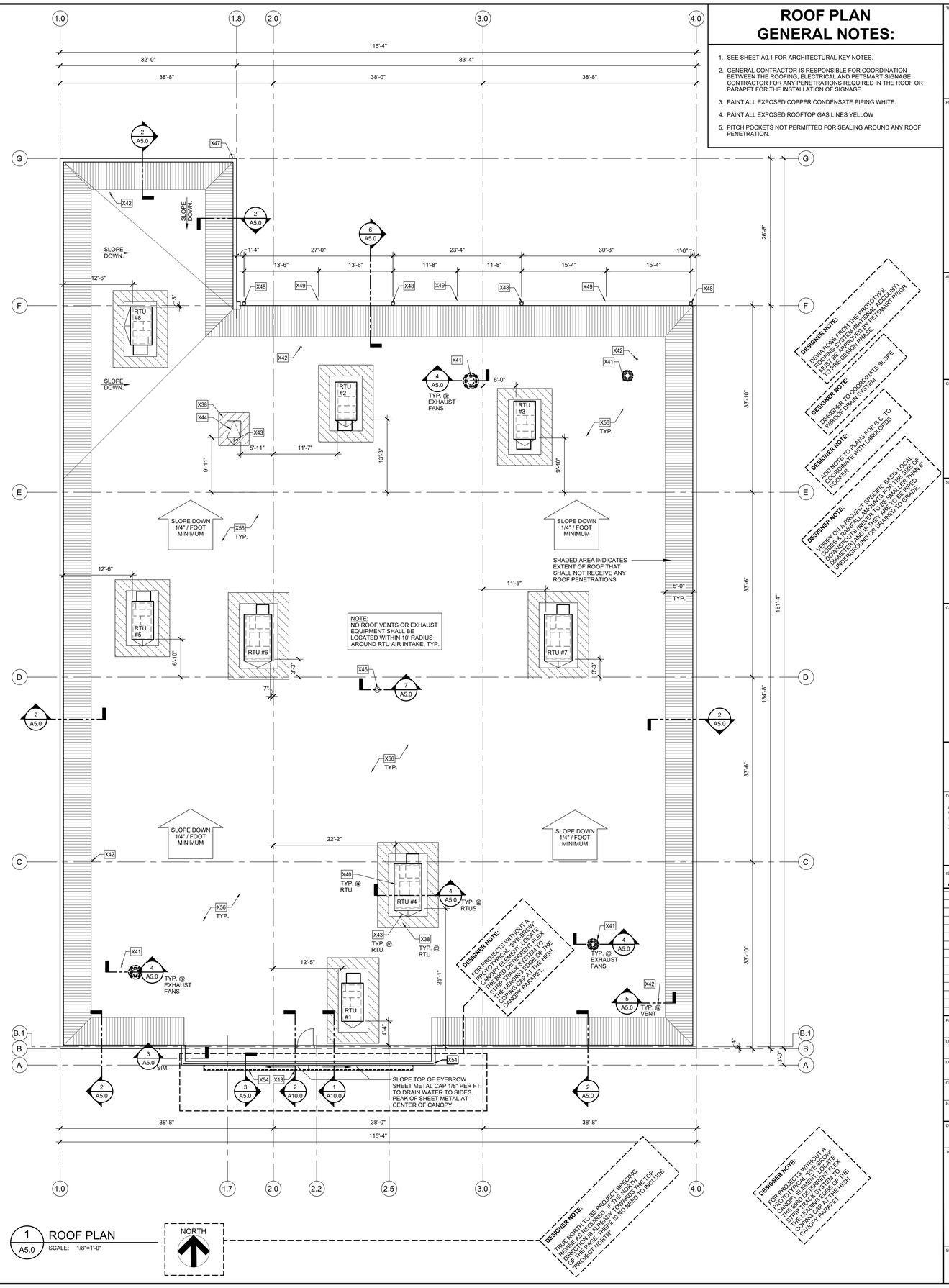
3 A5.0 PARAPET AT ENTRY

SCALE: 1 1/2"=1'-0"



2 A5.0 DETAIL AT PARAPET

SCALE: 1 1/2" = 1'-0"



1 A5.0 ROOF PLAN

SCALE: 1/8"=1'-0"

NORTH

ROOF PLAN GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.
2. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION BETWEEN THE ROOFING, ELECTRICAL AND PETSMART SIGNAGE CONTRACTOR FOR ANY PENETRATIONS REQUIRED IN THE ROOF OR PARAPET FOR THE INSTALLATION OF SIGNAGE.
3. PAINT ALL EXPOSED COPPER CONDENSATE PIPING WHITE.
4. PAINT ALL EXPOSED ROOFTOP GAS LINES YELLOW
5. PITCH POCKETS NOT PERMITTED FOR SEALING AROUND ANY ROOF PENETRATION.

TENANT:

PETSMART

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CHECKED BY: XXX

PAGE #: 13 OF: 47

1"

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TITLE:

ROOF PLAN

SHEET NUMBER:

A5.0

DOOR SCHEDULE

	DOORS							FRAME					HARDWARE GROUP	DETAILS			MARK	LOCATION	REMARKS
	WIDTH	SIZE HEIGHT	THKN.	TYPE	MATERIAL	FINISH	COLOR	PROFILE HEAD	JAMB	MATERIAL	FINISH	COLOR		HEAD	JAMB	SILL			
100A	12'-0"	7'-6" (10'-10")	--	1A	ALUM./GLASS	PREFINISHED	CLEAR	--	--	ALUM.	ANODIZED	CLEAR	1	5/A6.1	2 & 3/A6.1 SIM.	11/A6.0	**100A**	VESTIBULE	7" CLEAR ANODIZED ALUMINUM THRESHOLD ACROSS ENTIRE WIDTH OF DOOR.
100B	12'-0"	7'-6"	--	1B	ALUM./GLASS	PREFINISHED	CLEAR	--	--	ALUM.	ANODIZED	CLEAR	1	9/A6.1	6 & 7/A6.1 SIM.	--	**100B**	VESTIBULE	NO THRESHOLD - NO BRUSHES ON ACTIVE PANELS
102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**102**	--	NOT USED
103	5'-0" OPN.	7'-0" OPN.	--	--	--	--	--	--	--	--	--	--	--	11/A6.1	9B/A6.0	--	**103**	BOPIS	
104	3'-0"	7'-0"	1 3/4"	6A	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	3	2A/A6.0	2B/A6.0	--	**104**	MGR./VAULT	1" UNDERCUT DOOR
105	3'-0"	7'-0"	1 3/4"	6B	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	8	2A/A6.0	2B/A6.0	--	**105**	COMP./COPY	1" UNDERCUT DOOR
106	3'-0"	7'-0"	1 3/4"	6D	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	15	2A/A6.0	2B/A6.0	--	**106**	ASSOC. RES.	
107	3'-0"	3'-6"	--	--	--	--	--	--	--	--	--	--	2	--	--	--	**107**	PET TRAINING	DECORATIVE GATE SUPPLIED WITH FENCE AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR
108A	3'-0"	7'-0"	1 3/4"	3	INS. H.M.	PAINT	P-6 COMMERCIAL WHITE	4"	2"	H.M.	PAINT	MATCH WALL	13	7A/A6.0	7B/A6.0	8/A6.0	**108A**	HALL A	INSTALL "XCLUDER" SILL & JAMB SEALS. OBTAIN FROM XCLUDER NATIONAL VENDOR. EXTERIOR SIDE PAINTED TO MATCH EXTERIOR WALL.
108B	5'-0" OPN.	8'-0" OPN.	--	--	--	--	--	--	--	--	--	--	--	11/A6.1	9B/A6.0	--	**108B**	HALL A	
109	3'-0"	7'-0"	1 3/4"	6D	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	10	2A/A6.0	2B/A6.0	--	**109**	WOMEN'S RESTROOM	--
110	3'-0"	7'-0"	1 3/4"	6D	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	10	2A/A6.0	2B/A6.0	--	**110**	MEN'S RESTROOM	--
111	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**111**	--	NOT USED
112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**112**	--	NOT USED
113A	3'-0"	3'-6"	--	--	--	--	--	--	--	--	--	--	2	--	--	--	**113A**	SALON CHECK-IN	DECORATIVE GATE SUPPLIED WITH FENCE AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR
113B	3'-0"	3'-6"	--	--	--	--	--	--	--	--	--	--	2	--	--	--	**113B**	SALON COUNTER	MILLWORK GATE SUPPLIED AND INSTALLED BY NATIONAL ACCOUNT MILLWORK VENDOR
114	3'-0"	7'-0"	1 3/4"	5	ALUM./GLASS	PREFINISHED	CLEAR	1-1/2"	1-1/2"	ALUM.	ANODIZED	CLEAR	5	3A/A6.0	3B/A6.0	--	**114**	SALON	NO THRESHOLD, LOCATE CLOSER ON ROOM SIDE OF DOOR.
115A	3'-0"	7'-0"	1 3/4"	5	ALUM./GLASS	PREFINISHED	CLEAR	1-1/2"	1-1/2"	ALUM.	ANODIZED	CLEAR	5	3A/A6.0	3B/A6.0	--	**115A**	DRYING AREA	NO THRESHOLD, LOCATE CLOSER ON ROOM SIDE OF DOOR.
115B	3'-0"	7'-0"	1 1/2"	4A	ABS-PLASTIC	PREFINISHED	CLOUD GRAY	--	--	METAL	PREFINISHED	GRAY	2	6/A6.0 SIM.	6/A6.0	--	**115B**	DRYING AREA	IMPACT DOOR (CHANNEL FRAME)
116	4'-0" OPN.	7'-0" OPN.	--	--	--	--	--	--	--	--	--	--	--	9A/A6.0	9B/A6.0	--	**116**	BATHING	WRAP PLASTIC PANELS AT HEAD & JAMB -SEE INTERIOR ELEVATIONS
117A	PR. 3'-0"	8'-0"	1 1/2"	4B	ABS-PLASTIC	PREFINISHED	CLOUD GRAY	--	--	METAL	PREFINISHED	GRAY	2	5/A6.0	5/A6.0 SIM.		**117A**	RECEIVING	IMPACT DOOR WITH BUMPER (TUBE STEEL FRAME)
117B	PR. 3'-0"	8'-0"	1 3/4"	3	INS. H.M.	PAINT	P-5 DOVER GRAY	4"	2"	H.M.	PAINT	MATCH WALL	7	7A/A6.0	7B/A6.0	8/A6.0	**117B**	RECEIVING	INSTALL "XCLUDER" SILL, JAMB & ASTRAGAL SEALS. OBTAIN FROM XCLUDER NATIONAL VENDOR. EXTERIOR SIDE PAINTED TO MATCH EXTERIOR WALL.
117C	8'-0"	10'-0"	--	2	INSUL. METAL	PREFINISHED	WHITE	--	--	STEEL	PAINT	MATCH WALL	11	14/A11.0	4/A6.0	--	**117C**	RECEIVING	VERTICAL LIFT. CHAIN PULL TO BE LOCATED ON RIGHT SIDE, INSTALL "XCLUDER" SILL & JAMB SEALS. OBTAIN FROM XCLUDER NATIONAL VENDOR.
118	3'-0"	7'-0"	1 3/4"	5	ALUM./GLASS	PREFINISHED	CLEAR	1-1/2"	1-1/2"	ALUM.	ANODIZED	CLEAR	6	3A/A6.0	3B/A6.0	--	**118**	MEET & GREET	1" UNDERCUT DOOR, NO THRESHOLD, LOCATE CLOSER ON ROOM SIDE OF DOOR.
119	3'-0"	7'-0"	1 3/4"	6C	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	9	2A/A6.0	2B/A6.0	--	**119**	ADOPTIONS	1" UNDERCUT DOOR, LOCATE CLOSER ON ROOM SIDE OF DOOR.
120	3'-0"	7'-0"	1 1/2"	4A	ABS-PLASTIC	PREFINISHED	CLOUD GRAY	--	--	METAL	PREFINISHED	GRAY	2	6/A6.0 SIM.	6/A6.0	--	**120**	FISH PREP.	IMPACT DOOR HINGE MOUNTED TO SIDEWALL (CHANNEL FRAME)
121	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**121**	--	NOT USED
122	3'-0"	7'-0"	1 3/4"	6E	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	14	2A/A6.0	2B/A6.0	--	**122**	HOLDING #2	PROVIDE DOOR LOUVER WITH MESH INSECT SCREEN ON HOLDING ROOM SIDE OF DOOR
123	3'-0"	7'-0"	1 3/4"	6E	S.C. WOOD	PREFINISHED	WHITE BIRCH 0-95	1-1/2"	1-1/2"	STEEL	PREFINISHED	ALUMATONE	14	2A/A6.0	2B/A6.0	--	**123**	HOLDING #1	PROVIDE DOOR LOUVER WITH MESH INSECT SCREEN ON HOLDING ROOM SIDE OF DOOR
200	3'-0"	3'-0"	1 3/4"	7	METAL	PAINT	MATCH WALL	2"	2"	H.M.	PREFINISHED	MATCH WALL	16	7B/A6.0 SIM.	7B/A6.0 SIM.	--	**200**	ROOF PARAPET	EXTERIOR PAINT COLOR TO MATCH ADJACENT WALL COLOR

DESIGNER NOTE: TOP OF UNIT WITHIN TEMPERED OPENING IN PARENTHESIS

HARDWARE SCHEDULE

HARDWARE GROUP 1

1 EACH	HAGER	MORTISE CYLINDER 3902 IC 1 3/8" AR CAM x US26D W/ THUMBTURN (4066 x 628)
1 EACH	SCHLAGE	CONSTRUCTION CORE 80-035 x GRN
1 EACH	SCHLAGE	CYLINDER CORE 80-036 x 626 B123 (IHK)
2 EACH	HAGER	DOOR SWEEP 750S N 36" x CLR
1 EACH	HAGER	WEATHERSTRIP 891S N 1 x 36", 2 x 84"
1 EACH	ADAMS RITE	SIGN "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" (BLACK) 20-0255-IP

BALANCE OF DOOR HARDWARE BY DOOR MANUFACTURER

HARDWARE GROUP 2

ALL HARDWARE BY NATIONAL ACCOUNT MILLWORK VENDOR

HARDWARE GROUP 3

3 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 x US26D
1 EACH	HAGER	LOCKSET 3480 WTN 2 3/4" BACKSET SFIC x US26D
1 EACH	SCHLAGE	CONSTRUCTION CORE 80-035 x GRN
1 EACH	SCHLAGE	CYLINDER CORE 80-036 x 626 B123 (IHK)
1 EACH	HAGER	CLOSER 5300 14 MLT x ALM
1 EACH	HAGER	PROTECTION PLATE 190S 12" x 34" x US32D
1 EACH	DOOR SCOPE	DS1000 MG @ 5'-0" A.F.F. @ DOOR 104
1 EACH	DON JO	LATCH PROTECTOR ILP-206 x SL
1 EACH	KESTLER	SIGN "EMPLOYEES ONLY" (BLACK)

HARDWARE GROUP 4

NOT USED

HARDWARE GROUP 5

1 EACH	HAGER	MORTISE CYLINDER 3902 IC 1 3/8" AR CAM x US26D
1 EACH	SCHLAGE	CYLINDER CORE 80-036 x 626 B123 (IHK)
1 EACH	SCHLAGE	CONSTRUCTION CORE 80-035 x GRN
1 EACH	ADAMS RITE	THUMB-TURN CYLINDER 4066 x 626
1 EACH	HAGER	CLOSER 5100 14 MLT x US26D
1 EACH	HAGER	DROP PLATE 5110 x US26D
1 EACH	HAGER	WALL STOP 236W x US32D
1 EACH	SCHLAGE	BLOCKING RING 36-079 037 x 626

THUMB CYLINDER OCCURS AT THE ROOM SIDE (114 & 115A) OF THE LOCKSET. LOCK CYLINDER SHALL ACCEPT BEST CORE. REMAINDER OF HARDWARE BY DOOR MANUFACTURER.

HARDWARE GROUP 6

1 EACH	HAGER	CLOSER 5100 14 MLT X US26D
1 EACH	HAGER	DROP PLATE 5110 x US26D
1 EACH	HAGER	WALL STOP 236W x US32D

REMAINDER OF HARDWARE BY DOOR MANUFACTURER

HARDWARE GROUP 7

8 EACH	HAGER	BUTTS ECBB1100 4 1/2 X 4 1/2 NRP x US26D
1 EACH	HAGER	EXIT SET 3525 WTN 2 3/4 BACKSET x US26D
1 EACH	HAGER	AUTO FLUSHBOLT w/24" TOP ROD 292D X US32D w/ 1-269-3900 X US32D (IN-ACTIVE LEAF)
1 EACH	HAGER	COORDINATING DEVICE 297D 72" X BLACK
1 EACH	HAGER	MOUNTING BRACKET 297B X BLACK
2 EACH	HAGER	CLOSER 5100 26 5105 x ALM
2 EACH	ROCKWOOD	DOOR HOLDER 460 x ALM
1 EACH	DOOR SCOPE	DS1000 MG @ 5'-0" A.F.F. (ACTIVE LEAF)
1 EACH	DON JO	ANGLE LATCH PROTECTOR ALP-206 SL
1 EACH	HAGER	DUST PROOF STRIKE 280X x US26D
1 EACH	HAGER	DRIP CAP 810S 76" x MIL
1 SET	XCLUDER	ASTRAGAL DOOR SEAL #162924
2 EACH	XCLUDER	SWEEP (1) 36" #162602
2 EACH	HAGER	THRESHOLD 410S 72" x MIL

HARDWARE GROUP 8

3 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 x US26D
1 EACH	HAGER	PASSAGE SET 3410 WTN 2 3/4 BACKSET x US26D
1 EACH	HAGER	CLOSER 5300 14 MLT X ALM
1 EACH	HAGER	PROTECTION PLATE 190S 12" x 34" x US32D
1 EACH	NAT'L GRD.	LOUVER L-700-RX 24 X 12 ALS
1 EACH	NAT'L GRD.	LITE KIT L-GLF100-134 (17-1/2" X 31-1/2") ASL
1 EACH	KESTLER	SIGN "EMPLOYEES ONLY" (BLACK)

HARDWARE GROUP 9

3 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 x US26D
1 EACH	HAGER	LOCKSET 3480 WTN 2 3/4" BACKSET SFIC X US26D
1 EACH	SCHLAGE	CONSTRUCTION CORE 80-035 x GRN
1 EACH	SCHLAGE	CYLINDER CORE 80-036 X 626 B123 (IHK)
1 EACH	HAGER	CLOSER 5300 14 MLT X ALM
1 EACH	HAGER	PROTECTION PLATE 190S 12" x 34" x US32D
1 EACH	ROCKWOOD	DOOR HOLDER 460 X ALM
1 EACH	NAT'L GRD.	LITE KIT L-GLF100-134 (17-1/2" X 31-1/2") ASL
1 EACH	KESTLER	SIGN "EMPLOYEES ONLY" (BLACK)

HARDWARE GROUP 10

3 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 x US26D
1 EACH	HAGER	PRIVACY SET 3440 WTN 2 3/4" BACKSET x US26D
1 EACH	HAGER	CLOSER 5300 14 MLT x ALM
1 EACH	HAGER	PROTECTION PLATE 190S 12" x 34" x US32D
1 EACH	HAGER	SIGN ADA "MEN" 368M-W2 (BLACK) OR "WOMEN" 368W-W2 (BLACK)
1 EACH	ROCKWOOD	DOOR HOLDER 460 x ALM
1 EACH	HAGER	WALL STOP 236W x US32D
1 EACH	NAT'L GRD.	LOUVER L-700-RX 24X12 ASL

HARDWARE GROUP 11

1 EACH	HAGER	DRIP CAP 810S 100" x MIL

REMAINDER OF HARDWARE BY DOOR MANUFACTURER

HARDWARE GROUP 12 - NOT USED

HARDWARE GROUP 13

3 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 NRP x US26D
1 EACH	HAGER	EXIT DEVICE 4701 RIM 36" 4910 x US26D
1 EACH	HAGER	CLOSER 5100 26 5105 x ALM
1 EACH	DON JO	ANGLE LATCH PROTECTOR ALP-206 SL
1 EACH	HAGER	WEATHERSTRIP 891S N 1 x 36", 2 x 84" x MIL
1 EACH	HAGER	DRIP CAP 810S 40" x MIL
1 EACH	XCLUDER	SWEEP (1) 36" #162602
1 EACH	HAGER	THRESHOLD 412S 36" x MIL

HARDWARE GROUP 14

3 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 x US26D
1 EACH	HAGER	LOCKSET 3480 WTN 2 3/4 BACKSET SFIC x US26D
1 EACH	SCHLAGE	CONSTRUCTION CORE 80-035 x GRN
1 EACH	SCHLAGE	CYLINDER CORE 80-036 x 626 B123 (IHK)
1 EACH	HAGER	CLOSER 5300 14 MLT x ALM
1 EACH	HAGER	PROTECTION PLATE 190S 12" x 34" x US32D
1 EACH	ROCKWOOD	DOOR HOLDER 460 x ALM
1 EACH	HAGER	DOOR SWEEP BRUSH W/S 801S B X 36" x MIL (MOUNTED ON HOLDING ROOM SIDE OF DOOR)
1 EACH	NAT'L GRD.	LOUVER L-700-RX 24 X12 ASL W/ INSECT SCREEN
1 EACH	KESTLER	SIGN "EMPLOYEES ONLY" (BLACK)

HARDWARE GROUP 15

3 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 x US26D
1 EACH	ILCO	SIMPLEX LOCK 5021 B WL 26D 41 (ITIC) x 26D
1 EACH	SCHLAGE	CONSTRUCTION CORE 80-035 x GRN
1 EACH	SCHLAGE	CYLINDER CORE 80-036 x 626 B123 (IHK)
1 EACH	HAGER	CLOSER 5300 14 MLT x ALM
1 EACH	HAGER	PROTECTION PLATE 190S 12" x 34" x US32D
1 EACH	HAGER	WALL STOP 236W x US32D
1 EACH	ROCKWOOD	DOOR HOLDER 460 x ALM
1 EACH	NAT'L GRD.	LOUVER L-700-RX 24X12 ASL
1 EACH	KESTLER	SIGN "EMPLOYEES ONLY" (BLACK)

HARDWARE GROUP 16

2 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 NRP x US26D
1 EACH	HAGER	DOOR PULL 8N x 628
1 EACH	HAGER	DEADBOLT W/ THUMBTURN 3215 2 3/4" BACKSET SFIC x US26D
1 EACH	SCHLAGE	CYLINDER CORE 80-036 x 626 B123 (IHK)
1 EACH	SCHLAGE	CONSTRUCTION CORE 80-8035 x GRN
1 EACH	HAGER	DRIP CAP 810S 40" x MIL
1 EACH	HAGER	WEATHERSTRIP 4 x 36" x MIL

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS IF ALLOWABLE PER LOCAL JURISDICTIONAL CODES AND UNDER DIRECTION PROVIDE ALL GENDER RESTROOM SIGNAGE. IN LIEU OF MEN AND WOMEN'S RESTROOM SIGNAGE:

1 EACH HEADLINE SIGN ADA "ALL GENDER" 9486 (BLACK)

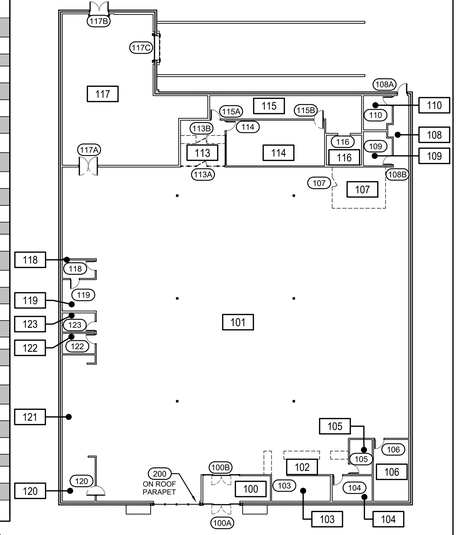
DESIGNER NOTE: HARDWARE GROUP 10 WHEN DOORS WILL USE A PUSH/PULL PLATE.

1 EACH	HAGER	BUTTS ECBB1100 4 1/2 x 4 1/2 x US26D
1 EACH	HAGER	PUSH PLATE 70 8" x 16" x US32D
1 EACH	HAGER	PULL PLATE 108 8" x 16" x US32D
1 EACH	HAGER	CLOSER 5300 14 MLT x ALM
1 EACH	HAGER	PROTECTION PLATE 190S 12" x 34" x US32D
1 EACH	ROCKWOOD	PUSH PLATE 70 8" x 16" x US32D
1 EACH	HAGER	SIGN ADA "MEN" 368M-W2 (BLACK) OR "WOMEN" 368W-W2 (BLACK) OR
1 EACH	ROCKWOOD	DOOR HOLDER 460 x ALM
1 EACH	HAGER	WALL STOP 236W x US32D
1 EACH	NAT'L GRD.	LOUVER L-700-RX 24X12 ASL

DESIGNER NOTE: REVISE HARDWARE FOR RESTROOM TO CLOSELY WITH SINGLE RESTROOM FACILITIES OR WILL USE FACILITIES

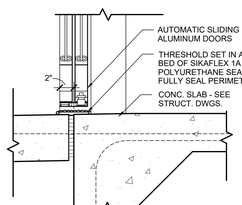
DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS PROVIDE AND COORDINATE CORING FOR DOOR HARDWARE & KEY PLANS & SCHEDULES.

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS PROVIDE ALL EXTERIOR DOORS AND WINDOWS TO COMPLY WITH LOCAL CODE AND REQUIREMENTS. WINDLOAD REQUIREMENTS VARY EACH INDIVIDUALLY

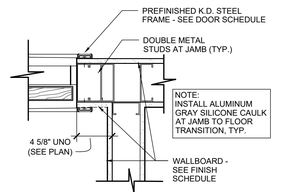


1 A6.0 KEY PLAN — SCALE: 1" = 20' - 0" — NORTH

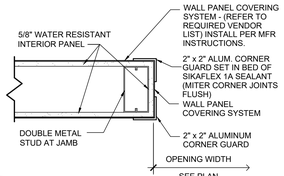
DESIGNER NOTE: TRUE NORTH TO BE PROJECT SPECIFIC REVISE AS REQUIRED. IF THE NORTH DIRECTION IS ALREADY TOWARDS THE TOP OF THE PAGE, THERE IS NO NEED TO INCLUDE "PROJECT NORTH"



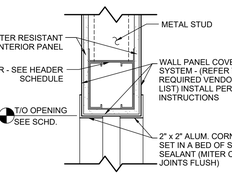
11 A6.0 DETAIL - DOOR SILL — SCALE: 1 1/2" = 1'-0"



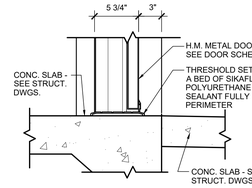
10 A6.0 TYP. JAMB DETAIL, U.N.O. — SCALE: 1 1/2" = 1'-0"



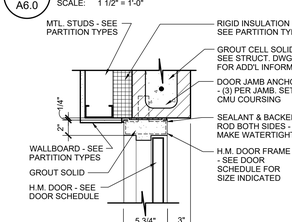
9B A6.0 DETAIL - DOOR JAMB — SCALE: 1 1/2" = 1'-0"



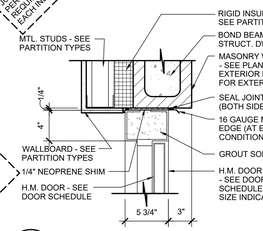
9A A6.0 DETAIL - DOOR HEAD — SCALE: 1 1/2" = 1'-0"



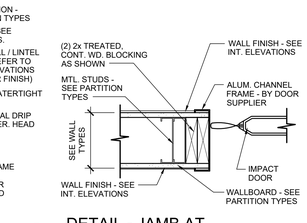
8 A6.0 DETAIL - DOOR SILL — SCALE: 1 1/2" = 1'-0"



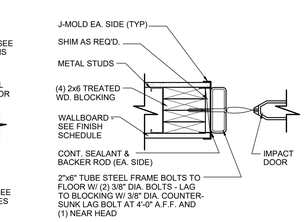
7B A6.0 DETAIL - DOOR JAMB — SCALE: 1 1/2" = 1'-0"



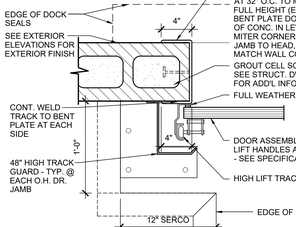
7A A6.0 DETAIL - DOOR HEAD — SCALE: 1 1/2" = 1'-0"



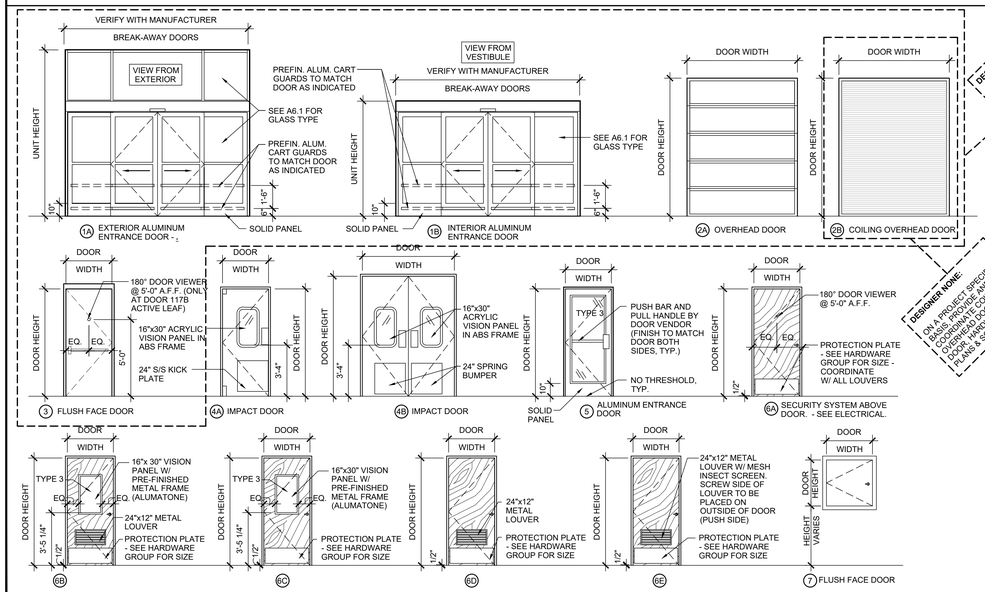
6 A6.0 DETAIL - JAMB AT DRYING & FISH PREP. — SCALE: 1 1/2" = 1'-0"



5 A6.0 DETAIL - JAMB @ RECEIVING — SCALE: 1 1/2" = 1'-0"

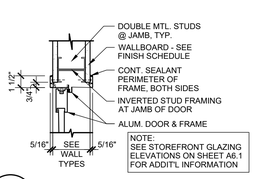


4 A6.0 DETAIL - JAMB AT O.H. DOOR — SCALE: 1 1/2" = 1'-0"



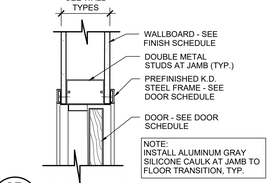
DOOR TYPES

SCALE = 1/4" = 1'-0"

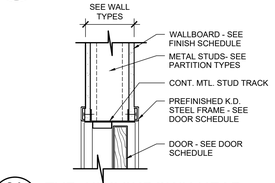


3B A6.0 DETAIL - DOOR JAMB — SCALE: 1 1/2" = 1'-0"

3A A6.0 DETAIL - DOOR HEAD — SCALE: 1 1/2" = 1'-0"



2B A6.0 TYP. KNOCKDOWN JAMB — SCALE: 1 1/2" = 1'-0"



2A A6.0 TYP. KNOCKDOWN HEAD — SCALE: 1 1/2" = 1'-0"

DOOR

WINDOW SCHEDULE:

MARK	WINDOW SIZE		ROUGH OPENING		WINDOW TYPE	DETAIL			FINISH	REMARKS
	WIDTH	HEIGHT	WIDTH	HEIGHT		HEAD	JAMB	SILL		
G1	10' - 4 1/2"	2' - 10 3/4"	10' - 6"	3' - 0 1/4"	ALUM./GLASS	10/A6.1	10/A6.1 SIM.	10/A6.1	CLEAR ANODIZED	- INT. ALUMINUM WINDOW FRAMES BY NATIONAL ACCOUNT VENDOR.

GLASS TYPES

TYPE	DESCRIPTION
1	1" TEMPERED LOW-E INSULATING GLASS, PPG INDUSTRIES SOLARBAN ## (2) + CLEAR UP TO DOOR HEAD
2	1" HEAT STRENGTHENED LOW-E INSULATING GLASS, PPG INDUSTRIES SOLARBAN ## (2) + CLEAR AT TRANSOM ABOVE DOOR HEAD
3	1/4" CLEAR TEMPERED GLASS UP TO 60" ABOVE FINISH FLOOR

STOREFRONT GENERAL NOTES:

1. ALL STOREFRONT DIMENSIONS SHOWN IN ELEVATION ARE ACTUAL WINDOW FRAME SIZES. BOTH THE FINISH OPENING & WINDOW FRAME SIZES ARE SHOWN IN WINDOW SCHEDULE.
2. REFER TO STOREFRONT SPECIFICATIONS.
3. ALL EXTERIOR EXPOSED ALUMINUM SURFACES TO BE CLEAR ANODIZED FINISH.
4. ALL INTERIOR EXPOSED ALUMINUM SURFACES TO BE CLEAR ANODIZED FINISH, U.N.O.
5. THE EXTERIOR STOREFRONT SYSTEM DESIGN IS BASED ON VISTAWALL FG-3000 SYSTEM (2 x 4 1/2" FRAME).
6. THE INTERIOR ALUMINUM WINDOW SYSTEM (1 1/2" x 5 1/4") IS BASED ON WESTERN INTEGRATED MATERIALS 300 SERIES FRAMES W/ 304-1 FLUSH TRIM, SUPPLIED THRU NATIONAL ACCOUNT VENDOR.
7. FIELD VERIFY ACTUAL OPENING PRIOR TO FABRICATION.
8. ALL GLAZING WITHIN 24" OF A DOOR AND / OR LESS THAN 60" ABOVE THE WALKING SURFACE SHALL BE SAFETY GLAZING.

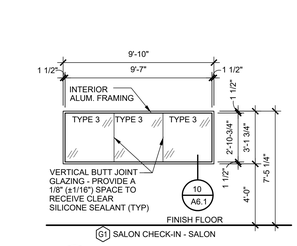
C402.4 Fenestration (Prescriptive)
Fenestration shall comply with Sections C402.4.1 through C402.4.5 and Table C402.4. Daylight responsive controls shall comply with this section and Section C405.2.3.1.

TABLE C402.4
BUILDING ENVELOPE FENESTRATION MAXIMUM *U*-FACTOR AND SHGC REQUIREMENTS

CLIMATE ZONE	1	2	3	4 EXCEPT MARINE	5 AND MARINE 4	6	7	8
Vertical fenestration								
U-factor								
Fixed fenestration	0.50	0.50	0.46	0.38	0.38	0.36	0.29	0.29
Operable fenestration	0.65	0.65	0.60	0.45	0.45	0.43	0.37	0.37
Entrance doors	1.10	0.83	0.77	0.77	0.77	0.77	0.77	0.77
SHGC								
Orientation[a]	SEW N	SEW N	SEW N	SEW N	SEW N	SEW N	SEW N	SEW N
PF < 0.2	0.25 0.33	0.25 0.33	0.25 0.33	0.36 0.48	0.38 0.51	0.40 0.53	0.45 NR	0.45 N
0.2 ≤ PF < 0.5	0.30 0.37	0.30 0.37	0.30 0.37	0.43 0.53	0.46 0.56	0.48 0.58	NR NR	NR NR
PF ≥ 0.5	0.40 0.40	0.40 0.40	0.40 0.40	0.58 0.58	0.61 0.61	0.64 0.64	NR NR	NR NR
Skylights								
U-factor	0.75	0.65	0.55	0.50	0.50	0.50	0.50	0.50
SHGC	0.35	0.35	0.35	0.40	0.40	0.40	NR	NR

NR = No Requirement, PF = Projection Factor.
a. "N" indicates vertical fenestration oriented within 45 degrees of true north. "SEW" indicates orientations other than "N." For buildings in the southern hemisphere, reverse south and north. Buildings located at less than 23.5 degrees latitude shall use SEW for all orientations.

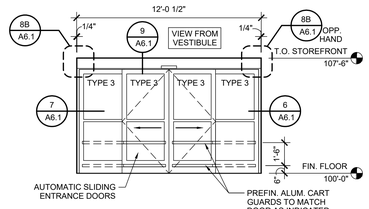
DESIGNER NOTE:
ON A PROJECT SPECIFIC BASIS, LOW-E INSULATED GLASS SPECIFICATION SHALL BE REVISED TO MEET REGIONAL ECC REQUIREMENTS.
EXCEL SOLARBAN OPTIONS:
SOLARBAN 70 (2) + CLEAR - VLT=0.70 - U-VALUE=0.29 SHGC=0.39
SOLARBAN 90 (2) + CLEAR - VLT=0.84 - U-VALUE=0.28 SHGC=0.47
SOLARBAN 60 (2) + CLEAR - VLT=0.61 - U-VALUE=0.29 SHGC=0.23



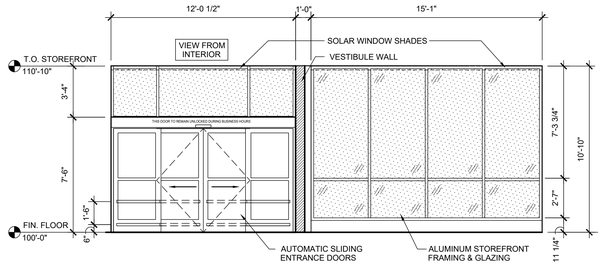
15 A6.1 INTERIOR GLAZING
SCALE: 1/4" = 1'-0"

HEADER SCHEDULE		
	'W' OPENING	HEADER
A	W < 6'-0"	NO HEADER
B	6'-0" < W < 10'-0"	(2)362S162-54
C	10'-0" < W < 14'-0"	(2)600S162-43
D	14'-0" < W < 18'-0"	(2)800S162-43 (1)
E	18'-0" < W < 24'-0"	(2)800S162-54
F	24'-0" < W < 32'-0"	(2)1200S162-68
G	32'-0" < W < 40'-0"	(2)1200S350-68
(1) ALTERNATIVE TO 800S-43, USE 600S-54		

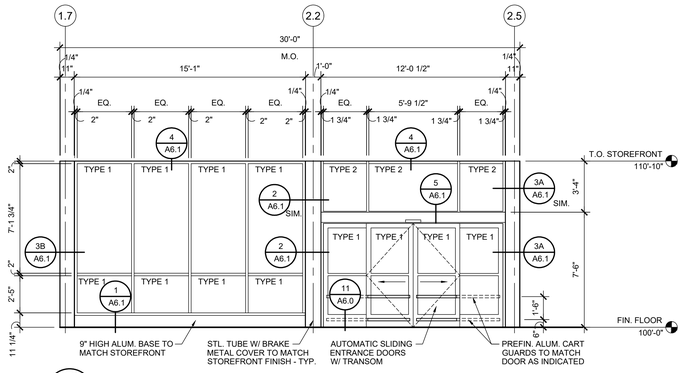
JAMB SCHEDULE		
	'W' OPENING	JAMB
A	W < 6'-0"	NO BOX JAMB
B	W > 6'-0"	BOX JAMB



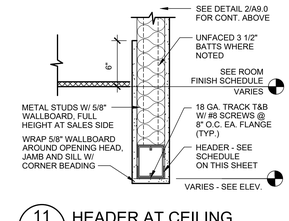
14 A6.1 INTERIOR GLAZING ELEVATION
SCALE: 1/4" = 1'-0"



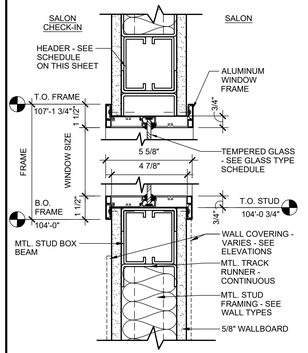
13 A6.1 INTERIOR WINDOW SHADE ELEVATION
SCALE: 1/4" = 1'-0"



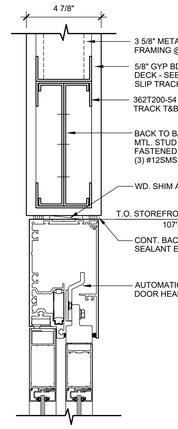
12 A6.1 EXTERIOR GLAZING ELEVATION
SCALE: 1/4" = 1'-0"



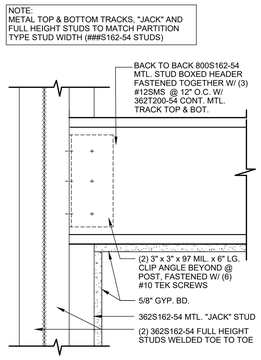
11 A6.1 HEADER AT CEILING
SCALE: 1 1/2" = 1'-0"



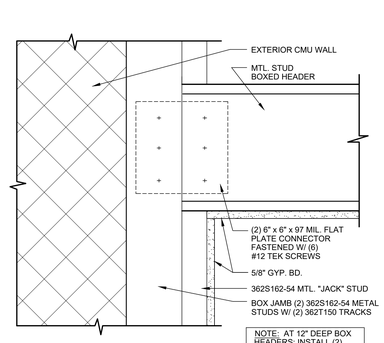
10 A6.1 WINDOW FRAME
SCALE: 3" = 1'-0"



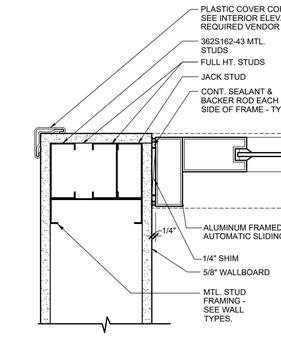
9 A6.1 DETAIL
SCALE: 3" = 1'-0"



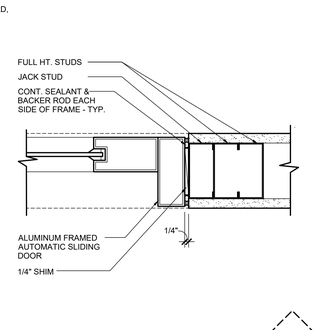
8B A6.1 BOX HEADER END SUPPORT
SCALE: 3" = 1'-0"



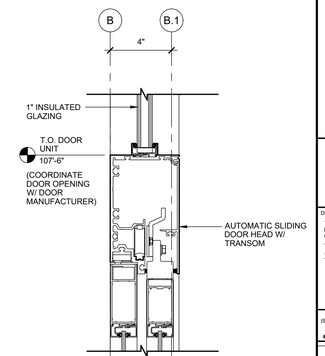
8A A6.1 BOX HEADER END SUPPORT
SCALE: 3" = 1'-0"



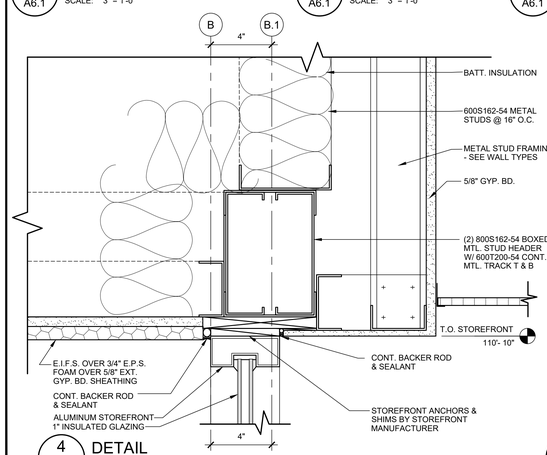
7 A6.1 DETAIL
SCALE: 3" = 1'-0"



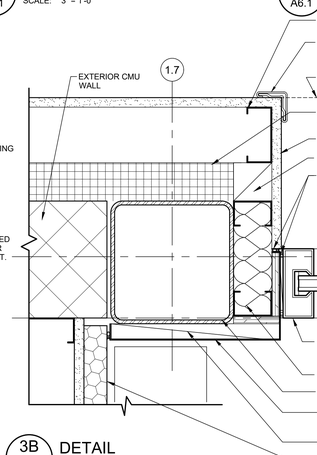
6 A6.1 DETAIL
SCALE: 3" = 1'-0"



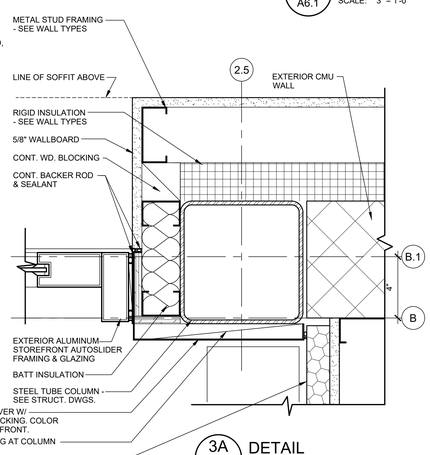
5 A6.1 DETAIL
SCALE: 3" = 1'-0"



4 DETAIL
A6.1 SCALE: 3" = 1'-0"

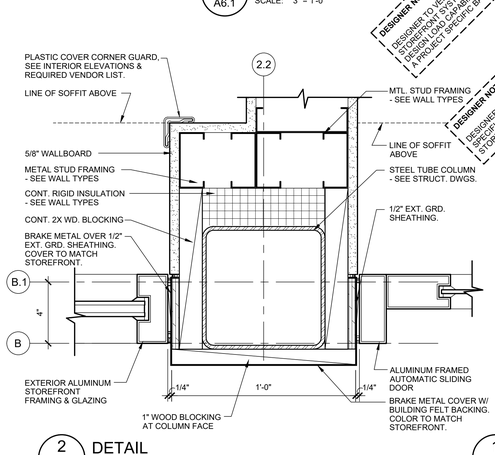


3B A6.1 DETAIL
SCALE: 3" = 1'-0"



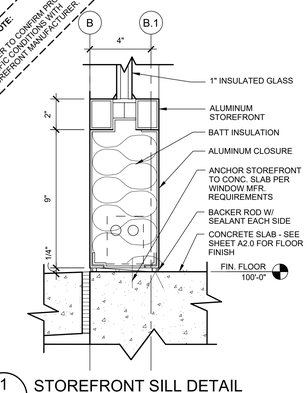
3A A6.1 DETAIL
SCALE: 3" = 1'-0"

DESIGNER NOTE:
DESIGNER TO VERIFY STOREFRONT SYSTEMS PROVIDED COMPATIBLES ON PROJECT SPECIFIC BASIS



2 DETAIL
A6.1 SCALE: 3" = 1'-0"

DESIGNER NOTE:
DESIGNER TO CONFIRM PROJECT SPECIFIC CONDITIONS W/ STOREFRONT MANUFACTURER.



1 A6.1 STOREFRONT SILL DETAIL
SCALE: 3" = 1'-0"

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET
ORIGINAL SCALE: AS INDICATED
IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
DRAWN BY: XXX
CHECKED BY: XXX
PAGE #: 15 OF: 47
1"
DISCIPLINE: ARCHITECTURAL

TITLE:
STOREFRONT ENTRY AND DETAILS

SHEET NUMBER:
A6.1

ROOM FINISH SCHEDULE

ROOMS		FLOOR BASE					WALL #1					WALL #2					WALL #3					WALL #4					ROOMS		NOTE: SEE REQUIRED VENDOR LIST, WALL TYPE GENERAL NOTES ON SHEET A9.0, INTERIOR ELEVATIONS ON SHEETS A8.0, A8.1, A8.2, A8.3, AND BASE DETAILS ON SHEET A11.0 FOR EXTENT AND ADDITIONAL INFORMATION. SEE KEY PLAN (1/A7.0) FOR WALL NUMBERS AND PAINT COLORS.
		MATERIALS					MATERIALS					MATERIALS					MATERIALS					MATERIALS							
RM #	NAME	RUBBER	COMPOSITE	CONCRETE	CERAMIC TILE	OTHER	PAINT	GLAZING	WALL COVERING	CERAMIC TILE	WALLBOARD	PAINT	GLAZING	WALL COVERING	CERAMIC TILE	WALLBOARD	PAINT	GLAZING	WALL COVERING	CERAMIC TILE	WALLBOARD	PAINT	GLAZING	WALL COVERING	CERAMIC TILE	WALLBOARD	RM #	NAME	REMARKS
100	VESTIBULE	FB-1					•	WC-5			WB-1	•				WB-1	•	WC-5			WB-1	•				WB-1	100	VESTIBULE	
101	SALES AREA	FB-1					•	WC-5			WB-1	•				WB-1	•				WB-1	•				WB-1	101	SALES AREA	PAINT SALES AREA COLUMNS AND COLUMN CONDUIT DROPS P-2 FULL HEIGHT. (COLUMNS MUST HAVE A SMOOTH FINISH) PAINT ALL RIGID POWER DROPS P-2 FULL HEIGHT. FB-1 ONLY ON WALLBOARD SURFACES.
102	FRONT POS	FB-1**					•				WB-1	•				WB-1											102	FRONT POS	**FB-1 ON WALLBOARD SURFACES AND AT BASE OF MILLWORK.
103	BOPIS CLOSET	FB-1					•				WB-1	•				WB-1	•				WB-1	•				WB-1	103	BOPIS CLOSET	
104	MANAGER / VAULT	FB-1					•				WB-1	•				WB-1	•				WB-1	•				WB-1	104	MANAGER / VAULT	
105	COMPUTER / COPY	FB-1					•				WB-1	•				WB-1	•				WB-1	•				WB-1	105	COMPUTER / COPY	
106	ASSOCIATE RESOURCES	FB-1					•				WB-2 (FIN. FLR. TO 4'-0")*** WB-1 (4'-0" AND ABOVE)	•				WB-2 (FIN. FLR. TO 4'-0")*** WB-1 (4'-0" AND ABOVE)	•				WB-1	•				WB-1	106	ASSOCIATE RESOURCES	*** AT AREAS WITHIN 24" OF WATER SOURCE.
107	PET TRAINING					FB-4											•			CT-1	WB-1						107	PET TRAINING	
108	HALL A	FB-1					•				WB-1	•				WB-1	•				WB-1	•		WC-3		WB-2 (FIN. FLR. TO 4'-0")*** WB-1 (4'-0" AND ABOVE)	108	HALL A	*** AT ALL THREE (3) ALCOVE WALLS AT WATER COOLER - SEE INTERIOR ELEVATIONS.
109	WOMEN'S RESTROOM	FB-1					•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	109	WOMEN'S RESTROOM	
110	MEN'S RESTROOM	FB-1					•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	•		WC-3		WB-2 (FIN. FLR. TO 6'-0") WB-1 (6'-0" AND ABOVE)	110	MEN'S RESTROOM	
111	NOT USED																										111	NOT USED	
112	NOT USED																										112	NOT USED	
113	SALON CHECK-IN	FB-1**				FB-4	•				WB-1	•	WC-5		CT-1	WB-1	•			CT-1	WB-1	•			CT-1	WB-1	113	SALON CHECK-IN	** AT BASE OF MILLWORK
114	SALON	FB-1					•		WC-3		WB-1	•		WC-3		WB-1	•		WC-3		WB-1	•	WC-5	WC-3		WB-1	114	SALON	WALL #2 WILL HAVE GRAPHICS SUPPLIED AND INSTALLED BY OTHERS ABOVE THE WC-3. .
115	DRYING AREA	FB-1							WC-1		WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)			WC-1		WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)			WC-1		WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)			WC-1		WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)	115	DRYING AREA	
116	BATHING AREA			FB-3						CT-3	WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)				CT-3	WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)				CT-3	WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)				CT-3	WB-3 (FIN. FLR. TO 10'-0") WB-2 (10'-0" AND ABOVE)	116	BATHING AREA	
117	RECEIVING		FB-2*			FB-5*			WC-4** WC-1***		WB-1 (ABOVE PLYWOOD) WB-3 (SEE ELEV. A8.3)***			WC-4** WC-1***		WB-1 (ABOVE PLYWOOD) WB-3 (SEE ELEV. A8.3)****			WC-4** WC-1***		WB-1 (ABOVE PLYWOOD) WB-3 (SEE ELEV. A8.3)***			WC-4**		WB-1 (ABOVE PLYWOOD)	117	RECEIVING	* FB-2 AT ALL FRP WALL PANELS. * FB-5 AT ALL PLYWOOD. ** WC-4 PLYWOOD (FIN. FLR. TO 16'-0"). *** WC-1 AND WB-3 AT JANITOR'S SINK AND HOT WATER HEATERS.
118	ADOPTIONS MEET & GREET	FB-1					•				WB-1	•				WB-1	•				WB-1	•				WB-1	118	ADOPTIONS MEET & GREET	
119	ADOPTIONS	FB-1**							WC-3		WB-1			WC-3		WB-1			WC-3		WB-1			WC-3		WB-2 (FIN. FLR. TO 4'-0")*** WB-1 (4'-0" AND ABOVE)	119	ADOPTIONS	**FB-1 BASE AT FRP WALL PANELS AND AT BASE OF MILLWORK. *** AT AREAS WITHIN 24" OF WATER SOURCE.
120	FISH PREP	FB-1					•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	120	FISH PREP	
121	FISH EQUIPMENT	FB-1					•		WC-1		WB-2 (FIN. FLR. TO 4'-0" WB-1 (4'-0" AND ABOVE)	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	121	FISH EQUIPMENT	
122	HOLDING #2	FB-1					•				WB-1	•				WB-1	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	122	HOLDING #2	
123	HOLDING #1	FB-1					•		WC-1		WB-2 (FIN. FLR. TO 4'-0" WB-1 (4'-0" AND ABOVE)	•				WB-1	•				WB-1	•		WC-1		WB-2 (FIN. FLR. TO 4'-0") WB-1 (4'-0" AND ABOVE)	123	HOLDING #1	

FINISHES

FLOOR BASES:

FB-1 4" RUBBER COVE BASE

JOHNSONITE "CHARCOAL" #20

FB-2 4" COMPOSITE BASE

TANGENT RESIN BOARD SMOOTH FINISH (GREY)

FB-3 CONCRETE CURB - SMOOTH FINISH

APPLY (2) COATS OF AQUAPEL PLUS AS MANUFACTURED BY L&M CONSTRUCTION CHEMICAL.

FB-4 CERAMIC TILE TRANSITION

PROVIDE CONTINUOUS SIKAFLEX 1A SEALANT AT JOINT OF CERAMIC WALL TILE AND FLOOR.

FB-5 PLYWOOD TRANSITION

PROVIDE CONTINUOUS SIKAFLEX 1A SEALANT AT JOINT OF PLYWOOD WALL FINISH AND FLOOR.

FLOOR BASE GENERAL NOTES:

1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL RUBBER BASE AFTER MILLWORK IS INSTALLED. ALL MILLWORK AND THE TRAINING PODIUM ARE TO RECEIVE RUBBER BASE.
2. **NO EXCEPTIONS.** RUBBER BASE TO BE FROM ROLL STOCK IN MINIMUM 20'-0" LENGTHS AND FROM SAME DYE LOT. PRE-FORMED CORNERS ARE NOT PERMITTED.
3. GENERAL CONTRACTOR TO PROVIDE AND INSTALL RUBBER BASE AT ALL WALLBOARD WALLS THROUGHOUT THE STORE UNLESS NOTED OTHERWISE.
4. COMPOSITE BASE SHALL BE INSTALLED WITH SMOOTH SIDE OUT.

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS REVISE AND REQUIRE GENERAL CONTRACTOR TO CONTRACT/COMPANY TO PREPARE AND PAINT DECK BASED ON NEW/EXISTING DECK INSTALLED.

WALL COVERINGS:

WC-1 PANOLAM GRAY FRP

SMOOTH TEXTURE - .090" - CLASS C (NON-CUSTOMER AREAS). INSTALL FINISH PLASTIC TRIMS AT ALL EXPOSED EDGES GC TO PROVIDE AND INSTALL RUBBER COVE BASE ON THE FRP.

MEMBRANE: MAPEI HPG OR REDGUARD WATER-PROOF MEMBRANE INSTALLED BY G.C. SEE MATERIAL & PRODUCT SCHEDULE AND REQUIRED VENDOR LIST.

WC-2 NOT USED

WC-3 KAL-LITE WHITE HEXPIN FRP

WHITE HEXPIN TEXTURE - .090" - (CUSTOMER AREAS). INSTALL FINISH PLASTIC TRIMS AT ALL EXPOSED EDGES GC TO PROVIDE AND INSTALL RUBBER COVE BASE ON THE FRP. PROVIDE CLEAR SILICONE SEALANT WHERE DRINKING FOUNTAIN ATTACHES TO THE WALL.

MEMBRANE: MAPEI HPG OR REDGUARD WATER-PROOF MEMBRANE INSTALLED BY G.C. SEE MATERIAL & PRODUCT SCHEDULE AND REQUIRED VENDOR LIST.

WC-4 3/4" FIRE RETARDANT TREATED PLYWOOD

ALL PLYWOOD MUST BE INSTALLED HORIZONTALLY.

WC-5 ALUMINUM / GLASS WINDOW

SEE DETAILS AND ELEVATIONS FOR SIZES, LOCATIONS, AND TYPES.

WALL COVERING GENERAL NOTES:

1. NATIONAL ACCOUNT MILLWORK VENDOR (REQUIRED VENDOR) HIRED BY GC MUST FURNISH AND INSTALL THE FRP SYSTEM. IT IS THE GC RESPONSIBILITY TO INCLUDE THEIR PRICE IN HIS BID.
2. **THERE WILL BE NO EXCEPTIONS.** THE AREAS THAT RECEIVE THE FRP WALL PANELS MUST BE PROPERLY PREPPED. IF THE AREAS ARE NOT CLEAN, PROPERLY PREPARED, AND PROPERLY LIGHTED ANY DELAYS IN INSTALLATION WILL REQUIRE THE GC TO PAY THE NATIONAL ACCOUNT MILLWORK VENDOR FOR EACH ADDITIONAL DAY THAT THE INSTALL TAKES TO COMPLETE AS WELL AS THE COST TO PREPARE THE AREAS CORRECTLY. THE COST FOR DELAYS WILL BE PAID DIRECTLY TO THE NATIONAL ACCOUNT MILLWORK VENDOR.
3. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING MATERIAL TAKE-OFFS FOR ORDERING OF THE FRP WALL PANELS, TRIM, AND AND BASE. NATIONAL ACCOUNT MILLWORK VENDOR WILL PROVIDE MATERIALS AND INSTALLATION.
4. TYPICAL LEAD TIME FOR FRP WALL PANEL MATERIALS IS TO BE COORDINATED BETWEEN THE GC AND THE NATIONAL ACCOUNT MILLWORK VENDOR

CERAMIC TILE:

CT-1 DALTILE EDGEWOOD

EDGEWOOD EW01 STONE, 6" X 24", (1/3 OFFSET STAGGERED PLANK PATTERN).

GROUT: MAPEI KERAPOXY "SILVER" (5027) - 3/16" GROUT JOINT.

GROUT FINISH ALL TOP AND EXPOSED EDGES. SIKAFLEX 1A SEALANT AT BASE TO FLOOR. SEE MATERIAL & PRODUCT SCHEDULE AND REQUIRED VENDOR LIST.

CT-2 NOT USED

CT-3 DALTILE SIERRA

SIERRA 12" X 12" - COLOR: RAINIER 1500 (STACKED PATTERN).

GROUT: CUSTOM BUILDING PRODUCTS FUSION PRO SINGLE COMPONENT GROUT #09 NATURAL GRAY. 1/8" GROUT JOINT.

MORTAR: SPEEDSET TM FORTIFIED THINSET MORTAR, VERSABOND FORTIFIED THINSET MORTAR.

MEMBRANE: MAPEI HPG OR REDGUARD WATER-PROOF MEMBRANE INSTALLED BY G.C. SEE MATERIAL & PRODUCT SCHEDULE AND REQUIRED VENDOR LIST.

RUBBER SEAL: HENRY BLUESKIN 6" OR 9" WEATHER BARRIER OR GRACE VYCOR PLUS ALONG THE PERIMETER OF DENSARMOR AND CONCRETE CURB. ALUMINUM J-CHANNEL AT BASE OVER RUBBER SEAL, TO BE FASTENED INTO BASE PLATE OF FRAMING WITH ZINC SCREWS EVERY 12" O.C.

GROUT FINISH ALL TOP AND EXPOSED VERTICAL EDGES. 1/4" MAX ALL JOINTS. USE SIKAFLEX 1A SEALANT AT BASE OF DENSARMOR TO CONCRETE CURB. SEE MATERIAL & PRODUCT SCHEDULE AND REQUIRED VENDOR LIST

TILE TRANSITION GENERAL NOTES:

1. TYPICAL TOP EDGE OF CERAMIC TILE TRANSITION TO WALL (HORIZONTAL): GROUT EDGE TO WALL.
2. TYPICAL BOTTOM OF CERAMIC TILE TRANSITION TO FLOOR: GROUT EDGE TO FLOOR.
3. TYPICAL OUTSIDE CORNER TRANSITION: SEAL CORNERGUARD TO TILE PER DETAIL 11/A12.0 AND 12/A12.0.
4. TYPICAL END OF RUN TRANSITION TO WALL (VERTICAL): GROUT EDGE TO WALL.

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS WHEN THE INTERIOR LAYOUT VARIES FROM PROTOTYPE COORDINATE THE WALLBOARD TYPES WITH THE WALL LEGEND/ELEVATIONS. TYPES MAY INCLUDE: WB-1 THROUGHOUT, WB-2 GENERALLY THROUGHOUT, WB-3 AT SHOWER AREAS AT LOCATIONS OF PANELS AND ABOVE, WB-4 AT LOCATIONS OF PANELS AND SHEET AREAS AT BACK OF TRAINING PODIUM, WB-5 AT MEN'S & WOMENS RESTROOMS HOLDING ROOMS) WB-3 TO BE USED BEHIND CERAMIC TILE AND FRP PANELS IN BATHING, DRYING, AND PREP SINK & WATER HEATERS IN RECEIVING.

WALL BOARD:

WB-1 5/8" GYPSUM WALLBOARD

WB-2 5/8" MOISTURE RESISTANT WALLBOARD

WB-3 5/8" DENS ARMOR PLUS

NO SUBSTITUTIONS PERMITTED. WATER RESISTANT DENS ARMOR PLUS WALLBOARD BY GEORGIA PACIFIC ONLY.

WALLBOARD GENERAL NOTES:

1. ALL WALLBOARD MUST BE INSTALLED HORIZONTALLY.
2. ALL WALLS WITHIN 2'-0" OF A WATER SOURCE MUST RECEIVE WB-2 MOISTURE RESISTANT WALLBOARD TO 4'-0" A.F.F. UNLESS THE WALL IS SCHEDULED TO RECEIVE WB-3 WATER RESISTANT WALLBOARD.

PAINT (INTERIOR):

	PPG PAINT COLOR	FINISH COATS AND PPG MATERIAL
P-1	DOVER GRAY #PPG1001-5	1 COAT PPG SPEEDHIDE SUPER TECH WATER BASE DRY-FALL 6-726XI MATTE FINISH
P-2	COMMERCIAL WHITE #PPG1025-1	2 COATS PPG SPEEDHIDE 0 VOC 6-411ZV EGGSHELL ENAMEL FINISH
P-3	DOVER GRAY #PPG1001-5	2 COATS PPG SPEEDHIDE 0 VOC 6-411ZV EGGSHELL ENAMEL FINISH
P-4	DARTMOOR MIST #PPG1154-3	2 COATS PPG SPEEDHIDE 0 VOC 6-411ZV EGGSHELL ENAMEL FINISH
P-5	DOVER GRAY #PPG1001-5	2 COATS PPG SPEEDHIDE 0 VOC 6-500ZV SEMI-GLOSS ENAMEL FINISH
P-6	COMMERCIAL WHITE #PPG1025-1	2 COATS PPG SPEEDHIDE 0 VOC 6-500ZV SEMI-GLOSS ENAMEL FINISH
P-7	SAFETY YELLOW #PPG7306	2 COATS PPG SPEEDHIDE 0 VOC 6-500ZV SEMI-GLOSS ENAMEL FINISH
P-8	MATCH EXTERIOR BUILDING COLOR	

PRIMERS (INTERIOR):

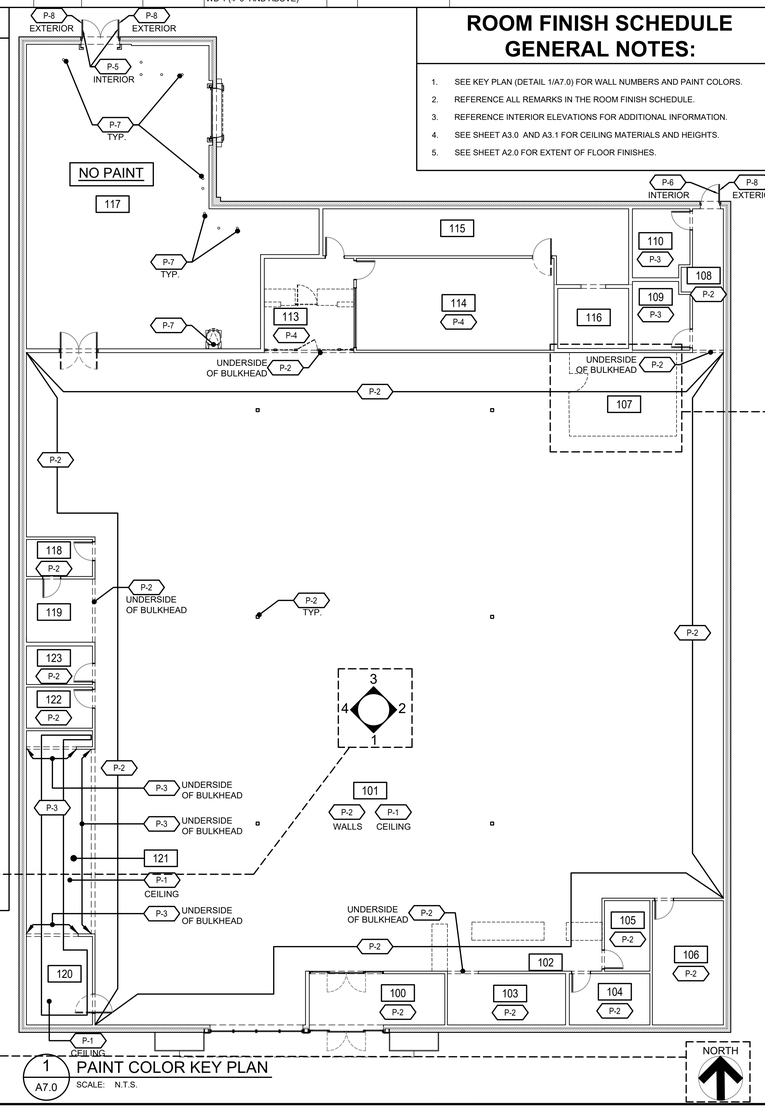
MATERIALS	PRIMERS
EXTERIOR / INTERIOR GALVANIZED METAL	1 COAT PITT-TECH PLUS EP DIRECT-TO-METAL PRIMER #90-1912
INTERIOR GYPSUM BOARD	1 COAT PPG SPEEDHIDE PRIMER SEALER #6-2
WOOD	1 COAT PPG SEAL GRIP PRIMER SEALER #17-921XI
INTERIOR FERROUS METAL (UNDERSIDE OF ROOF DECK, DUCTWORK, PIPING, STRUCTURE , ETC.)	1 COAT PITT-TECH PLUS EP DIRECT - TO - METAL PRIMER #90-1912
CMU (INTERIOR FACE OF EXTERIOR CMU)	2 COAT PITT-TECH SPEEDHIDE ACRYLIC BLOCK FILLER #6-15XI

PAINT (INTERIOR) GENERAL NOTES:

1. ALL PAINT TO BE PPG PAINTS. GENERAL CONTRACTOR TO CONFIRM USE OF APPROPRIATE MANUFACTURER PAINT SYSTEM PRIOR TO APPLICATION.
2. CONTRACTOR TO SUBMIT PAINT DRAWDOWNS TO PETSMART CM FOR APPROVAL.
3. PROVIDE PRIMER AS SCHEDULED.
4. SMOOTH FINISH ON ALL PAINTED SURFACES.
5. PAINT CONDUIT DROPS P-2 "COMMERCIAL WHITE" TO MATCH COLUMN.
6. NUMBER OF COATS SHOWN IS MINIMUM REQUIRED. PAINT AS NECESSARY TO ACHIEVE FULL COVERAGE.
7. DO NOT PAINT MECHANICAL GRILLES (FACTORY FINISHED ONLY), UNLESS NOTED OTHERWISE.
8. PAINT ON CMU WALLS TO BE SMOOTH FINISH (WHERE OCCURS).
9. GENERAL CONTRACTOR / PAINT SUBCONTRACTOR TO PREPARE AND PAINT ROOF DECK BASED ON NEW / EXISTING DECKING INSTALLED.
10. PAINT BEHIND ALL MILLWORK.
11. SIKAFLEX 1A TO BE USED AT ALL ROOMS WITH WET CONDITIONS UNLESS NOTED OTHERWISE.

DESIGNER NOTE: WALL NUMBERING ALWAYS COUNTER CLOCKWISE. NUMBERING DOES NOT FLIP OR MIRRORED ON OUT PLANS.

DESIGNER NOTE: TRUE NORTH TO BE PROJECT SPECIFIC DEPENDING ON HOW THE BUILDING IS DIRECTED ON THE PLOT. NOTE ON PLAN TO INCLUDE "PROJECT NORTH"



1 A7.0 PAINT COLOR KEY PLAN

SCALE: N.T.S.

ROOM FINISH SCHEDULE GENERAL NOTES:

1. SEE KEY PLAN (DETAIL 1/A7.0) FOR WALL NUMBERS AND PAINT COLORS.
2. REFERENCE ALL REMARKS IN THE ROOM FINISH SCHEDULE.
3. REFERENCE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
4. SEE SHEET A3.0 AND A3.1 FOR CEILING MATERIALS AND HEIGHTS.
5. SEE SHEET A2.0 FOR EXTENT OF FLOOR FINISHES.

SEALANT COLOR/LOCATION SCHEDULE

(SIKA - SIKAFLEX 1A FOR ALL DEFINED "WET AREAS")

COLOR	LOCATIONS
ALUMINUM GREY	AT ALL CLEAR ANODIZED ALUMINUM WINDOW AND DOOR FRAMING
LIMESTONE	AT LOCATIONS WHERE SEALANT IS SPECIFIED AT CERAMIC TILE TRANSITIONS INCLUDING CERAMIC WALL TILE TO FLOOR.
LIMESTONE	AT COMPOSITE BASE (TANGENT COLOR GREY) LOCATIONS, AND WHERE FRP PANEL AND COMPOSITE BASE MEET
STANDARD COLOR	ALL OTHER LOCATIONS SHALL RECEIVE A STANDARD SIKA - SIKAFLEX 1A COLOR NEAREST TO COLOR OF THE ADJACENT SURFACE.

TENANT: PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT: 16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS WHEN THE STORE HAS FLEXIBLE TRAINING OMNI FINISHED FROM A PERCENTAGE OF MILLWORK SCHEDULE AND FENCE/GATE, FROM THE PLANS.

CONSULTANT:

SEAL:

CITY SEAL:

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THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

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CHECKED BY: XXX

PAGE #: 16 OF: 47

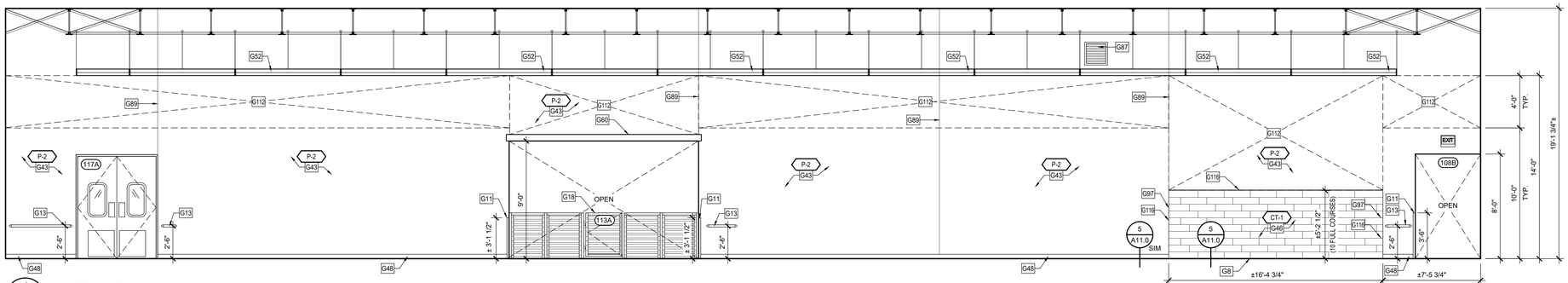
IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

1"

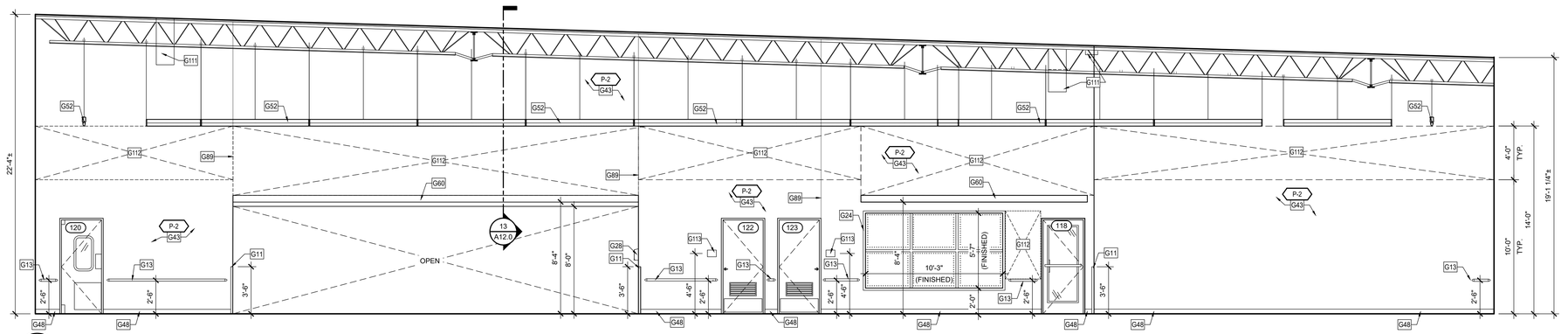
DISCIPLINE: ARCHITECTURAL

TITLE: ROOM FINISH SCHEDULE

SHEET NUMBER: **A7.0**



4 A8.0 SALES AREA (101)
SCALE: 1/4"=1'-0"



3 A8.0 SALES AREA (101)
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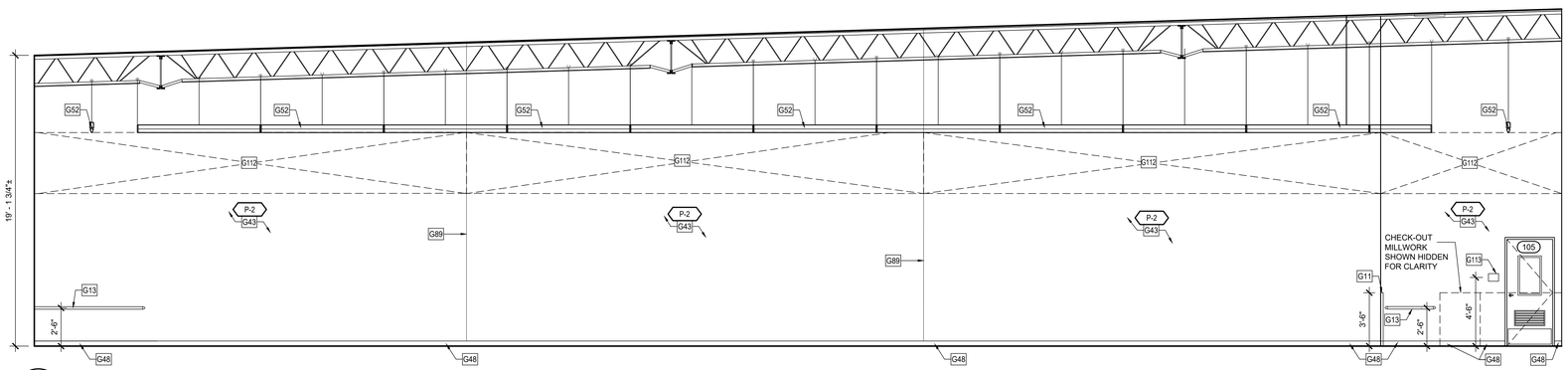
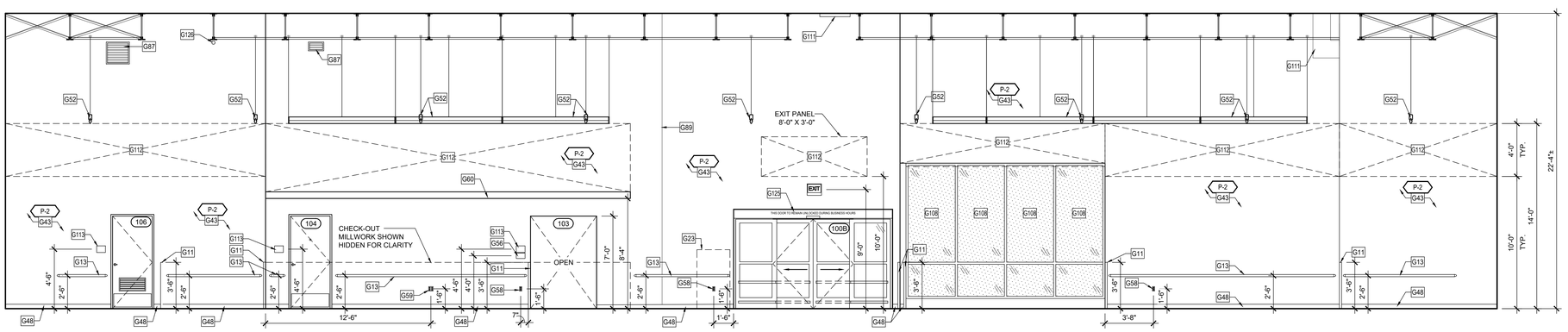


2 A8.0 SALES AREA (101)
SCALE: 1/4"=1'-0"

1A A8.0 SALES AREA (101)
SCALE: 1/4"=1'-0"



1 A8.0 SALES AREA (101)
SCALE: 1/4"=1'-0"

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.

FRP GENERAL NOTES:

1. MILLWORK VENDOR HIRED BY G.C. SHALL PROVIDE AND INSTALL FRP SYSTEM. IT IS THE G.C. RESPONSIBILITY TO INCLUDE THEIR PRICE IN HIS BID.
2. THERE WILL BE NO EXCEPTIONS: THE AREAS THAT RECEIVE THE FRP MUST BE PROPERLY PREPPED. IF THE AREAS ARE NOT CLEAN, PROPERLY PREPARED AND PROPERLY LIGHTED CAUSING A DELAY IN INSTALLATION, THE GC WILL BE REQUIRED TO PAY MILLWORK VENDOR FOR EACH DAY LONGER THAT THE INSTALL TAKES AS WELL AS THE COST TO PREPARE THE AREAS CORRECTLY. THE COST FOR DELAY WILL BE PAID DIRECTLY TO MILLWORK VENDOR.
3. GENERAL CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL TAKE-OFF FOR ORDERING OF THE FRP, TRIM AND BASE (MILLWORK VENDOR TO SUPPLY AND INSTALL).
4. TYPICAL LEAD TIME FOR FRP MATERIALS IS TO BE COORDINATED WITH MILLWORK VENDOR.

TILE INSTALLATION CRITERIA:

1. EXPOSED OR SHARP EDGES ARE NOT PERMITTED. FACTORY FINISHED EDGES (NOT FIELD CUT EDGES) MAY BE EXPOSED ONLY WHERE INDICATED IN THE DRAWINGS.
2. THE LAYOUT OF THE TILE WAINSCOT, SHOWN ON THE INTERIOR ELEVATIONS, IS TO BE LAID OUT SUCH THAT THE FIELD IS EQUAL, CENTERED, FROM END OF THE WALL TO THE OPPOSITE END UNLESS NOTED OTHERWISE. THERE WILL TYPICALLY BE CUT TILES ON BOTH ENDS AND THERE SHALL NEVER BE LESS THAN 1/2 OF ONE TILE USED IN THE FIELD OF THE WAINSCOT, UNLESS SPECIFIED START POINT OR ROOM CONFIGURATION DICTATES TILE TO BE LESS THAN 1/2 OF ONE TILE.
3. IN ALL ROOMS WITH FLOOR TILE AND MATCHING WALL TILE WAINSCOT AND TILE BASE, THE JOINTS OF THE FLOOR AND WALL TILES ARE TO ALIGN.

MISC. BLOCKING SCHEDULE:

ROOM NAME	ROOM NUMBER	BLOCKING FOR	MATERIAL
VESTIBULE	100	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		CRASH RAIL	12" METAL STRAP (SEE DETAIL 12/A12.0)
SALES AREA	101	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		DÉCOR LEDGES	3/4" X 24" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
FRONT P.O.S.	102	DÉCOR LEDGE	3/4" X 24" PLYWOOD
BOPIS CLOSET	103	DOOR STOP	3/4" PLYWOOD
MANAGER/ VAULT	104	DOOR STOP	3/4" PLYWOOD
ASSOCIATES RESOURCES	106	PAPER TOWEL DISPENSER	3/4" PLYWOOD
		HAND SANITIZER	
		DOOR STOP	3/4" PLYWOOD
HALL A	108	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		STAINLESS STEEL SHELF	3/4" PLYWOOD
		DRINKING FOUNTAINS	2X6
WOMENS RESTROOM	109	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		SANITARY NAPKIN DISPOSAL	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
		DOOR STOP	3/4" PLYWOOD
MENS RESTROOM	110	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
SALON	114	DOOR STOP	3/4" PLYWOOD
DRYING AREA	115	MASTER BLASTER DRYERS	2 X 8
		HAND SANITIZER	3/4" PLYWOOD
		IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
BATHING AREA	116	SURFACE MOUNTED PIPING & FAUCETS	2 X 6
		LEASH HOLDERS	3/4" PLYWOOD
		HYDROSURGE	3/4" PLYWOOD (SEE INT. ELEVATIONS)
		EYEWASH	
RECEIVING	117	IMPACT DOOR	2 X 6 (SEE DETAIL 5/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		MOP HOLDER	2 X 6
		EYEWASH	3/4" PLYWOOD
		ROOF LADDER	4X (SEE DETAIL 3/A12.0)
ADOPTIONS MEET & GREET	118	HAND SANITIZER	3/4" PLYWOOD
		DOOR STOP	3/4" PLYWOOD
ADOPTIONS	119	HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
FISH PREP	120	IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		EYEWASH	3/4" PLYWOOD
		HAND SANITIZER	
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #2	122	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #1	123	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	

MILLWORK BLOCKING SCHEDULE:

ELEV.	ROOM NAME	ROOM NUMBER	APPROX TOTAL FEET	MATERIAL	HEIGHT A.F.F.
9,10, 11 & 12/A8.1	MANAGER/ VAULT	104	22'-0"	2 X 6	27"
11 & 12 /A8.1	MANAGER/ VAULT	104	16'-0"	3/4" X 36" PLYWD	48"
11 & 12/A8.1	MANAGER/ VAULT	104	6'-0"	3/4" X 27" PLYWD	0"
14 & 15/A8.1	COMPUTER/ COPY	105	9'-6"	2 X 6	27"
15/A8.1	COMPUTER/ COPY	105	7'-6"	3/4" X 36" PLYWD	48"
15/A8.1	COMPUTER/ COPY	105	4'-0"	3/4" X 27" PLYWD	0"
19 & 20/A8.1	ASSOCIATE RESOURCES	106	16'-0"	2 X 6	27", 54", 79"
18 & 19/A8.1	ASSOCIATE RESOURCES	106	16'-0"	3/4" X 48" PLYWD	0"
2 & 4/A8.2	SALON	114	60'-0"	2 X 6	36", 70-1/2"
23/A8.3	RECEIVING	117	3'-0"	3/4"X 36" PLYWD	48"
6 & 7/A 8.3	ADOPTIONS	119	7'-0"	2 X 6	27"
6/A8.3	ADOPTIONS	119	2'-0"	3/4"X 27" PLYWD	0"
30/A8.1	FISH PREP	120	5'-0"	3/4"X 36" PLYWD	52"
34/A8.1	FISH PREP	120	8'-6"	2 X 6	49"
28/A8.1	HOLDING #2	122	3'-0"	3/4"X 36" PLYWD	48"
24/A8.1	HOLDING #1	123	3'-0"	3/4"X 36" PLYWD	48"

CONTRACTOR SHALL VERIFY MILWORK BLOCKING LOCATIONS & EXTENT WITH NATIONAL ACCOUNT MILLWORK VENDOR

NOTE: ALL MILLWORK IS SUPPLIED AND INSTALLED BY G.C. AS PART OF G.C. SCOPE THRU NATIONAL ACCOUNT MILLWORK VENDOR (SEE SHEET F2.0). ALL BLOCKING/ BACKING IS SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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ORIGINAL SCALE: AS INDICATED
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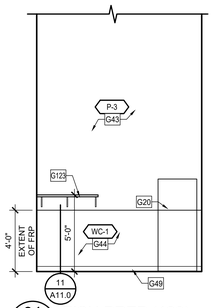
PAGE #: 17 OF: 47
DISCIPLINE: ARCHITECTURAL

TITLE:
INTERIOR ELEVATIONS

SHEET NUMBER:
A8.0



34 A8.1 FISH PREP (120)
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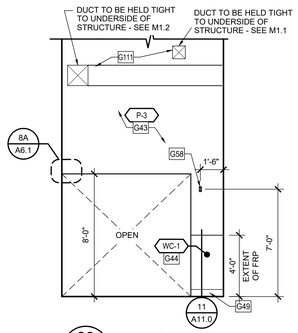
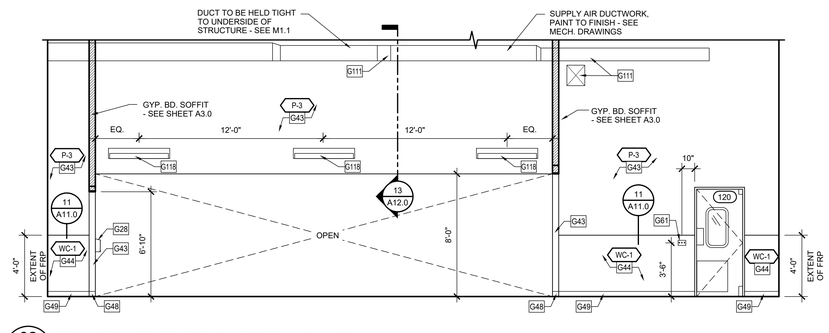
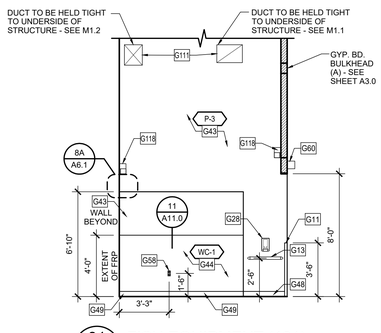


33 A8.1 FISH PREP (120)
SCALE: 1/4"=1'-0"



32 A8.1 FISH EQUIPMENT/FISH PREP (121/120)
SCALE: 1/4"=1'-0"



31 A8.1 FISH EQUIPMENT (121)
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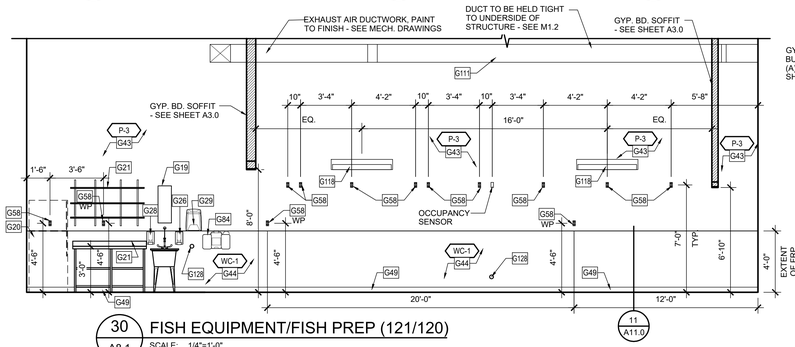
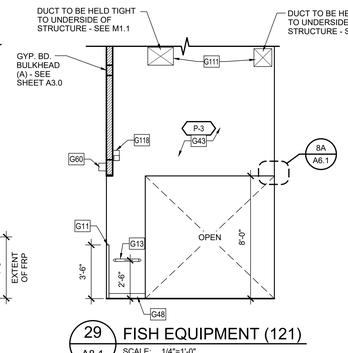


30 A8.1 FISH EQUIPMENT/FISH PREP (121/120)
SCALE: 1/4"=1'-0"



29 A8.1 FISH EQUIPMENT (121)
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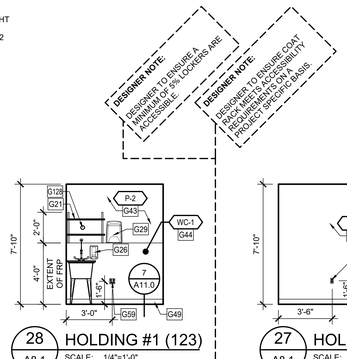

28 A8.1 HOLDING #1 (123)
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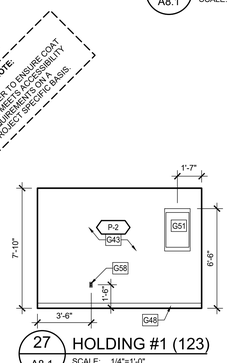

27 A8.1 HOLDING #1 (123)
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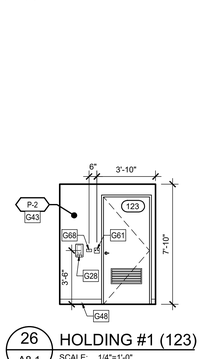

26 A8.1 HOLDING #1 (123)
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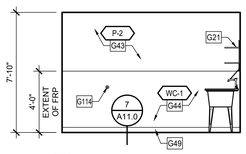

25 A8.1 HOLDING #1 (123)
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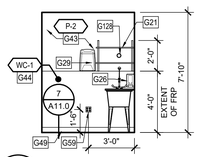

24 A8.1 HOLDING #2 (122)
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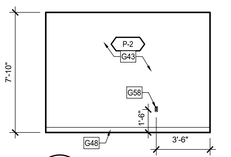

23 A8.1 HOLDING #2 (122)
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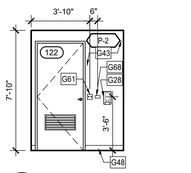

22 A8.1 HOLDING #2 (122)
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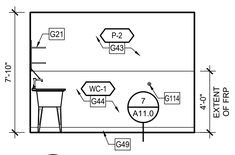

21 A8.1 HOLDING #2 (122)
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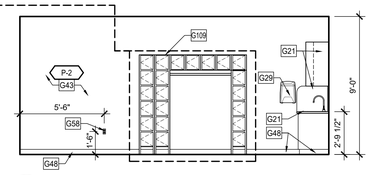
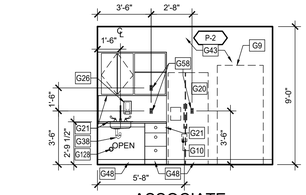


20 A8.1 ASSOCIATE RESOURCES (106)
SCALE: 1/4"=1'-0"



19 A8.1 ASSOCIATE RESOURCES (106)
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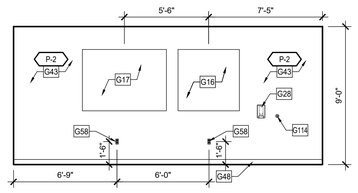
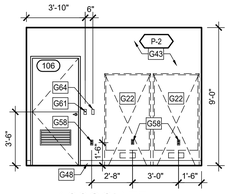
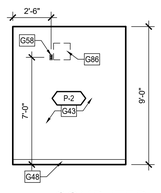


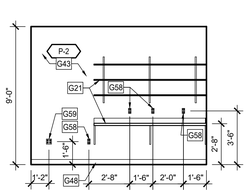
18 A8.1 ASSOCIATE RESOURCES (106)
SCALE: 1/4"=1'-0"



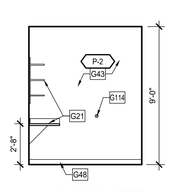
17 A8.1 ASSOCIATE RESOURCES (106)
SCALE: 1/4"=1'-0"



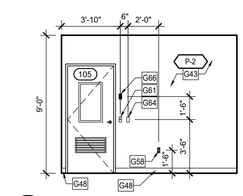
16 A8.1 COMPUTER COPY (105)
SCALE: 1/4"=1'-0"



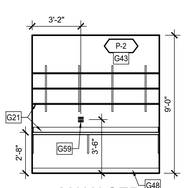
15 A8.1 COMPUTER / COPY (105)
SCALE: 1/4"=1'-0"



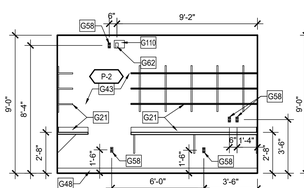
14 A8.1 COMPUTER COPY (105)
SCALE: 1/4"=1'-0"



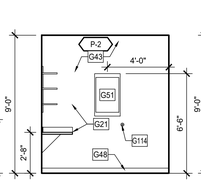
13 A8.1 COMPUTER / COPY (105)
SCALE: 1/4"=1'-0"



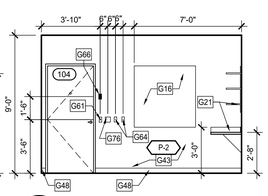
12 A8.1 MANAGER VAULT (104)
SCALE: 1/4"=1'-0"



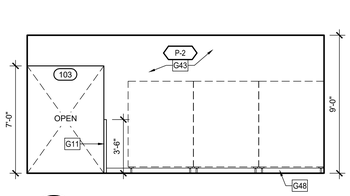
11 A8.1 MANAGER / VAULT (104)
SCALE: 1/4"=1'-0"



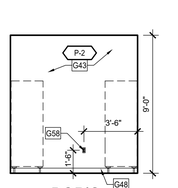
10 A8.1 MANAGER VAULT (104)
SCALE: 1/4"=1'-0"



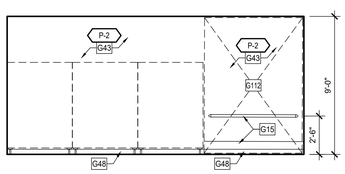
9 A8.1 MANAGER / VAULT (104)
SCALE: 1/4"=1'-0"



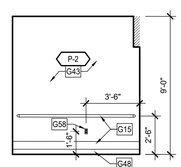
8 A8.1 BOPIS CLOSET (103)
SCALE: 1/4" = 1'-0"



7 A8.1 BOPIS CLOSET (103)
SCALE: 1/4" = 1'-0"



6 A8.1 BOPIS CLOSET (103)
SCALE: 1/4" = 1'-0"



5 A8.1 BOPIS CLOSET (103)
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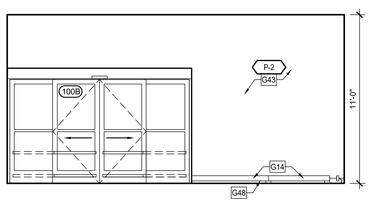
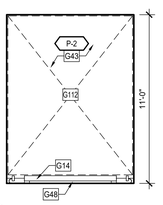


4 A8.1 VESTIBULE (100)
SCALE: 1/4" = 1'-0"



3 A8.1 VESTIBULE (100)
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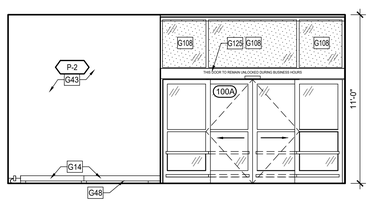
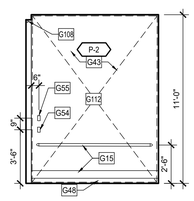


2 A8.1 VESTIBULE (100)
SCALE: 1/4" = 1'-0"



1 A8.1 VESTIBULE (100)
SCALE: 1/4" = 1'-0"

DESIGNER NOTE:
DESIGNER TO ENSURE A MINIMUM OF 5% LOCKERS ARE ACCESSIBLE.

DESIGNER NOTE:
DESIGNER TO ENSURE COAT RACK MEETS ACCESSIBILITY REQUIREMENTS ON A PROJECT SPECIFIC BASIS.

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.

FRP GENERAL NOTES:

1. MILLWORK VENDOR HIRED BY G.C. SHALL PROVIDE AND INSTALL FRP SYSTEM. IT IS THE G.C. RESPONSIBILITY TO INCLUDE THEIR PRICE IN HIS BID.
2. THERE WILL BE NO EXCEPTIONS: THE AREAS THAT RECEIVE THE FRP MUST BE PROPERLY PREPPED, IF THE AREAS ARE NOT CLEAN, PROPERLY PREPARED AND PROPERLY LIGHTED CAUSING A DELAY IN INSTALLATION, THE GC WILL BE REQUIRED TO PAY MILLWORK VENDOR FOR EACH DAY LONGER THAT THE INSTALL TAKES AS WELL AS THE COST TO PREPARE THE AREAS CORRECTLY. THE COST FOR DELAY WILL BE PAID DIRECTLY TO MILLWORK VENDOR.
3. GENERAL CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL TAKE-OFF FOR ORDERING OF THE FRP, TRIM AND BASE (MILLWORK VENDOR TO SUPPLY AND INSTALL).
4. TYPICAL LEAD TIME FOR FRP MATERIALS IS TO BE COORDINATED WITH MILLWORK VENDOR.

TILE INSTALLATION CRITERIA:

1. EXPOSED OR SHARP EDGES ARE NOT PERMITTED. FACTORY FINISHED EDGES (NOT FIELD CUT EDGES) MAY BE EXPOSED ONLY WHERE INDICATED IN THE DRAWINGS.
2. THE LAYOUT OF THE TILE WAINSCOT, SHOWN ON THE INTERIOR ELEVATIONS, IS TO BE LAID OUT SUCH THAT THE FIELD IS EQUAL, CENTERED, FROM END OF THE WALL TO THE OPPOSITE END UNLESS NOTED OTHERWISE. THERE WILL TYPICALLY BE CUT TILES ON BOTH ENDS AND THERE SHALL NEVER BE LESS THAN 1/2 OF ONE TILE USED IN THE FIELD OF THE WAINSCOT, UNLESS SPECIFIED START POINT OR ROOM CONFIGURATION DICTATES TILE TO BE LESS THAN 1/2 OF ONE TILE.
3. IN ALL ROOMS WITH FLOOR TILE AND MATCHING WALL TILE WAINSCOT AND TILE BASE, THE JOINTS OF THE FLOOR AND WALL TILES ARE TO ALIGN.

MISC. BLOCKING SCHEDULE:

ROOM NAME	ROOM NUMBER	BLOCKING FOR	MATERIAL
VESTIBULE	100	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		CRASH RAIL	12" METAL STRAP (SEE DETAIL 12/A12.0)
SALES AREA	101	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		DÉCOR LEDGES	3/4" X 24" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
FRONT P.O.S.	102	DÉCOR LEDGE	3/4" X 24" PLYWOOD
BOPIS CLOSET	103	DOOR STOP	3/4" PLYWOOD
MANAGER/ VAULT	104	DOOR STOP	3/4" PLYWOOD
ASSOCIATES RESOURCES	106	PAPER TOWEL DISPENSER	3/4" PLYWOOD
		HAND SANITIZER	
		DOOR STOP	3/4" PLYWOOD
HALL A	108	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		STAINLESS STEEL SHELF	3/4" PLYWOOD
		DRINKING FOUNTAINS	2X6
WOMENS RESTROOM	109	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		SANITARY NAPKIN DISPOSAL	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
		DOOR STOP	3/4" PLYWOOD
MENS RESTROOM	110	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
		DOOR STOP	3/4" PLYWOOD
SALON	114	DOOR STOP	3/4" PLYWOOD
DRYING AREA	115	MASTER BLASTER DRYERS	2 X 8
		HAND SANITIZER	3/4" PLYWOOD
		IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
BATHING AREA	116	SURFACE MOUNTED PIPING & FAUCETS	2 X 6
		LEASH HOLDERS	3/4" PLYWOOD
		HYDROSURGE	3/4" PLYWOOD (SEE INT. ELEVATIONS)
		EYEWASH	
RECEIVING	117	IMPACT DOOR	2 X 6 (SEE DETAIL 5/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		MOP HOLDER	2 X 6
		EYEWASH	3/4" PLYWOOD
		ROOF LADDER	4X (SEE DETAIL 3/A12.0)
ADOPTIONS MEET & GREET	118	HAND SANITIZER	3/4" PLYWOOD
		DOOR STOP	3/4" PLYWOOD
ADOPTIONS	119	HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
FISH PREP	120	IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		EYEWASH	3/4" PLYWOOD
		HAND SANITIZER	
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #2	122	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #1	123	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	

MILLWORK BLOCKING SCHEDULE:

ELEV.	ROOM NAME	ROOM NUMBER	APPROX TOTAL FEET	MATERIAL	HEIGHT A.F.F.
9,10, 11 & 12/A8.1	MANAGER/ VAULT	104	22'-0"	2 X 6	27"
11 & 12 /A8.1	MANAGER/ VAULT	104	16'-0"	3/4" X 36" PLYWD	48"
11 & 12/A8.1	MANAGER/ VAULT	104	6'-0"	3/4" X 27" PLYWD	0"
14 & 15/A8.1	COMPUTER/ COPY	105	9'-6"	2 X 6	27"
15/A8.1	COMPUTER/ COPY	105	7'-6"	3/4" X 36" PLYWD	48"
15/A8.1	COMPUTER/ COPY	105	4'-0"	3/4" X 27" PLYWD	0"
19 & 20/A8.1	ASSOCIATE RESOURCES	106	16'-0"	2 X 6	27", 54", 79"
18 & 19/A8.1	ASSOCIATE RESOURCES	106	16'-0"	3/4" X 48" PLYWD	0"
2 & 4/A8.2	SALON	114	60'-0"	2 X 6	36", 70-1/2"
23/A8.3	RECEIVING	117	3'-0"	3/4"X 36" PLYWD	48"
6 & 7/A 8.3	ADOPTIONS	119	7'-0"	2 X 6	27"
6/A8.3	ADOPTIONS	119	2'-0"	3/4"X 27" PLYWD	0"
30/A8.1	FISH PREP	120	5'-0"	3/4"X 36" PLYWD	52"
34/A8.1	FISH PREP	120	8'-6"	2 X 6	49"
28/A8.1	HOLDING #2	122	3'-0"	3/4"X 36" PLYWD	48"
24/A8.1	HOLDING #1	123	3'-0"	3/4"X 36" PLYWD	48"

CONTRACTOR SHALL VERIFY MILWORK BLOCKING LOCATIONS & EXTENT WITH NATIONAL ACCOUNT MILLWORK VENDOR

NOTE: ALL MILLWORK IS SUPPLIED AND INSTALLED BY G.C. AS PART OF G.C. SCOPE THRU NATIONAL ACCOUNT MILLWORK VENDOR (SEE SHEET F2.0). ALL BLOCKING/ BACKING IS SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
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THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO:
16K 2026 US INSTRUCTION SET

ORIGINAL SCALE:
AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DRAWN BY:
XXX

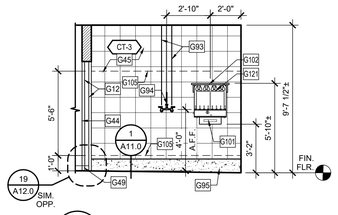
CHECKED BY:
XXX

PAGE #: 18 OF: 47

DISCIPLINE:
ARCHITECTURAL

TITLE:
INTERIOR ELEVATIONS

SHEET NUMBER:
A8.1



16 A8.2 BATHING AREA (116)
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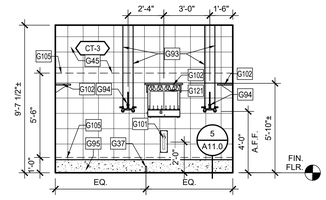

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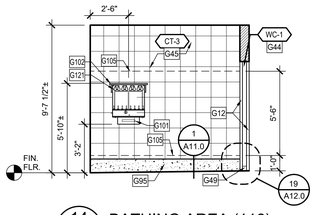

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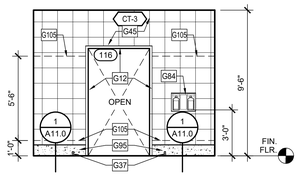

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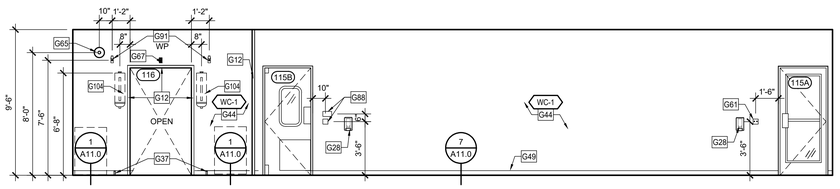

12 A8.2 DRYING AREA (115)
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11 A8.2 DRYING AREA (115)
SCALE: 1/4"=1'-0"

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SCALE: 1/4"=1'-0"

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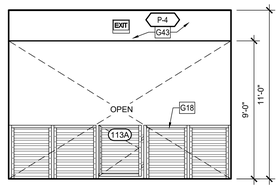

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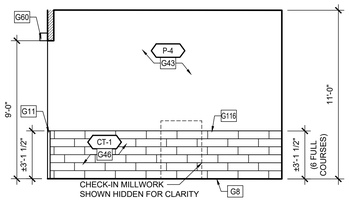

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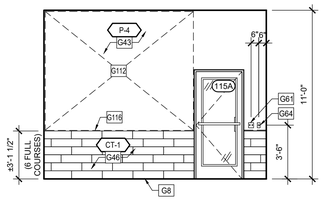

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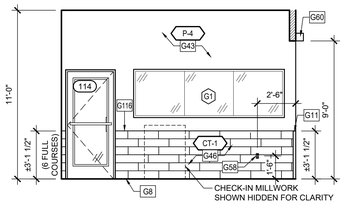

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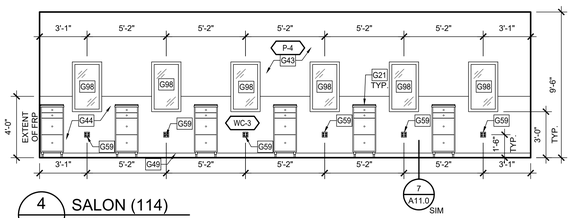

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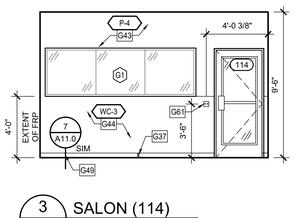

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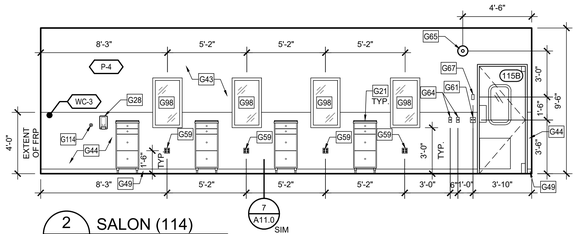

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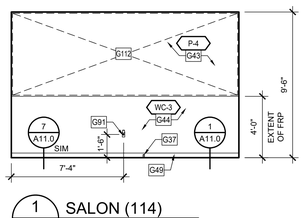

1 A8.2 SALON (114)
SCALE: 1/4"=1'-0"

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.

FRP GENERAL NOTES:

1. MILLWORK VENDOR HIRED BY G.C. SHALL PROVIDE AND INSTALL FRP SYSTEM. IT IS THE G.C. RESPONSIBILITY TO INCLUDE THEIR PRICE IN HIS BID.
2. THERE WILL BE NO EXCEPTIONS: THE AREAS THAT RECEIVE THE FRP MUST BE PROPERLY PREPPED. IF THE AREAS ARE NOT CLEAN, PROPERLY PREPARED AND PROPERLY LIGHTED CAUSING A DELAY IN INSTALLATION, THE GC WILL BE REQUIRED TO PAY MILLWORK VENDOR FOR EACH DAY LONGER THAT THE INSTALL TAKES AS WELL AS THE COST TO PREPARE THE AREAS CORRECTLY. THE COST FOR DELAY WILL BE PAID DIRECTLY TO MILLWORK VENDOR.
3. GENERAL CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL TAKE-OFF FOR ORDERING OF THE FRP, TRIM AND BASE (MILLWORK VENDOR TO SUPPLY AND INSTALL).
4. TYPICAL LEAD TIME FOR FRP MATERIALS IS TO BE COORDINATED WITH MILLWORK VENDOR.

TILE INSTALLATION CRITERIA:

1. EXPOSED OR SHARP EDGES ARE NOT PERMITTED. FACTORY FINISHED EDGES (NOT FIELD CUT EDGES) MAY BE EXPOSED ONLY WHERE INDICATED IN THE DRAWINGS.
2. THE LAYOUT OF THE TILE WAINSCOT, SHOWN ON THE INTERIOR ELEVATIONS, IS TO BE LAID OUT SUCH THAT THE FIELD IS EQUAL, CENTERED, FROM END OF THE WALL TO THE OPPOSITE END UNLESS NOTED OTHERWISE. THERE WILL TYPICALLY BE CUT TILES ON BOTH ENDS AND THERE SHALL NEVER BE LESS THAN 1/2 OF ONE TILE USED IN THE FIELD OF THE WAINSCOT, UNLESS SPECIFIED START POINT OR ROOM CONFIGURATION DICTATES TILE TO BE LESS THAN 1/2 OF ONE TILE.
3. IN ALL ROOMS WITH FLOOR TILE AND MATCHING WALL TILE WAINSCOT AND TILE BASE, THE JOINTS OF THE FLOOR AND WALL TILES ARE TO ALIGN.

MISC. BLOCKING SCHEDULE:

ROOM NAME	ROOM NUMBER	BLOCKING FOR	MATERIAL
VESTIBULE	100	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		CRASH RAIL	12" METAL STRAP (SEE DETAIL 12/A12.0)
SALES AREA	101	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		DÉCOR LEDGES	3/4" X 24" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
FRONT P.O.S.	102	DÉCOR LEDGE	3/4" X 24" PLYWOOD
BOPIS CLOSET	103	DOOR STOP	3/4" PLYWOOD
MANAGER/ VAULT	104	DOOR STOP	3/4" PLYWOOD
ASSOCIATES RESOURCES	106	PAPER TOWEL DISPENSER	3/4" PLYWOOD
		HAND SANITIZER	
		DOOR STOP	3/4" PLYWOOD
HALL A	108	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		STAINLESS STEEL SHELF	3/4" PLYWOOD
		DRINKING FOUNTAINS	2X6
WOMENS RESTROOM	109	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		SANITARY NAPKIN DISPOSAL	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
		DOOR STOP	3/4" PLYWOOD
MENS RESTROOM	110	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
		DOOR STOP	3/4" PLYWOOD
SALON	114	DOOR STOP	3/4" PLYWOOD
DRYING AREA	115	MASTER BLASTER DRYERS	2 X 8
		HAND SANITIZER	3/4" PLYWOOD
		IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
BATHING AREA	116	SURFACE MOUNTED PIPING & FAUCETS	2 X 6
		LEASH HOLDERS	3/4" PLYWOOD
		HYDROSURGE	3/4" PLYWOOD (SEE INT. ELEVATIONS)
		EYEWASH	
RECEIVING	117	IMPACT DOOR	2 X 6 (SEE DETAIL 5/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		MOP HOLDER	2 X 6
		EYEWASH	3/4" PLYWOOD
		ROOF LADDER	4X (SEE DETAIL 3/A12.0)
ADOPTIONS MEET & GREET	118	HAND SANITIZER	3/4" PLYWOOD
		DOOR STOP	3/4" PLYWOOD
ADOPTIONS	119	HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
FISH PREP	120	IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		EYEWASH	3/4" PLYWOOD
		HAND SANITIZER	
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #2	122	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #1	123	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	

MILLWORK BLOCKING SCHEDULE:

ELEV.	ROOM NAME	ROOM NUMBER	APPROX TOTAL FEET	MATERIAL	HEIGHT A.F.F.
9,10, 11 & 12/A8.1	MANAGER/ VAULT	104	22'-0"	2 X 6	27"
11 & 12 /A8.1	MANAGER/ VAULT	104	16'-0"	3/4" X 36" PLYWD	48"
11 & 12/A8.1	MANAGER/ VAULT	104	6'-0"	3/4" X 27" PLYWD	0"
14 & 15/A8.1	COMPUTER/ COPY	105	9'-6"	2 X 6	27"
15/A8.1	COMPUTER/ COPY	105	7'-6"	3/4" X 36" PLYWD	48"
15/A8.1	COMPUTER/ COPY	105	4'-0"	3/4" X 27" PLYWD	0"
19 & 20/A8.1	ASSOCIATE RESOURCES	106	16'-0"	2 X 6	27", 54", 79"
18 & 19/A8.1	ASSOCIATE RESOURCES	106	16'-0"	3/4" X 48" PLYWD	0"
2 & 4/A8.2	SALON	114	60'-0"	2 X 6	36", 70-1/2"
23/A8.3	RECEIVING	117	3'-0"	3/4"X 36" PLYWD	48"
6 & 7/A 8.3	ADOPTIONS	119	7'-0"	2 X 6	27"
6/A8.3	ADOPTIONS	119	2'-0"	3/4"X 27" PLYWD	0"
30/A8.1	FISH PREP	120	5'-0"	3/4"X 36" PLYWD	52"
34/A8.1	FISH PREP	120	8'-6"	2 X 6	49"
28/A8.1	HOLDING #2	122	3'-0"	3/4"X 36" PLYWD	48"
24/A8.1	HOLDING #1	123	3'-0"	3/4"X 36" PLYWD	48"

CONTRACTOR SHALL VERIFY MILWORK BLOCKING LOCATIONS & EXTENT WITH NATIONAL ACCOUNT MILLWORK VENDOR

NOTE: ALL MILLWORK IS SUPPLIED AND INSTALLED BY G.C. AS PART OF G.C. SCOPE THRU NATIONAL ACCOUNT MILLWORK VENDOR (SEE SHEET F2.0). ALL BLOCKING/ BACKING IS SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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16K 2026 US INSTRUCTION SET

ORIGINAL SCALE:
AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

DRAWN BY: XXX

CHECKED BY: XXX

PAGE #: 19 OF: 47

1"

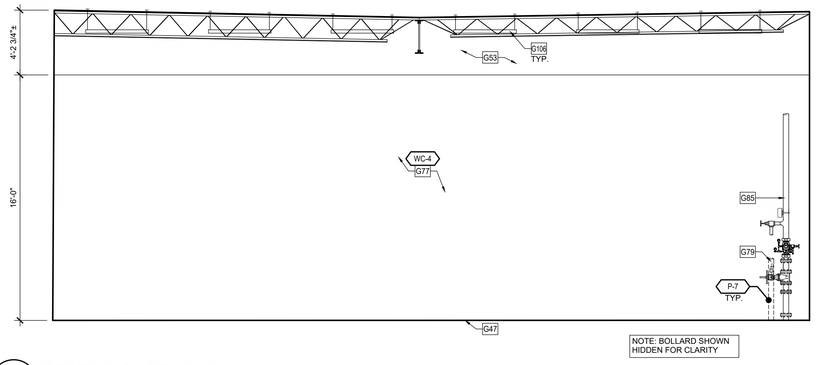
DISCIPLINE:
ARCHITECTURAL

TITLE:

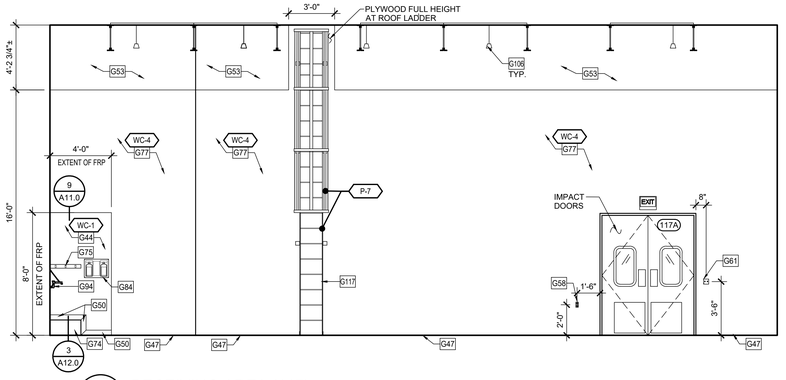
INTERIOR ELEVATIONS

SHEET NUMBER:

A8.2



24 A8.3 RECEIVING AREA (117)
SCALE: 1/4"=1'-0"



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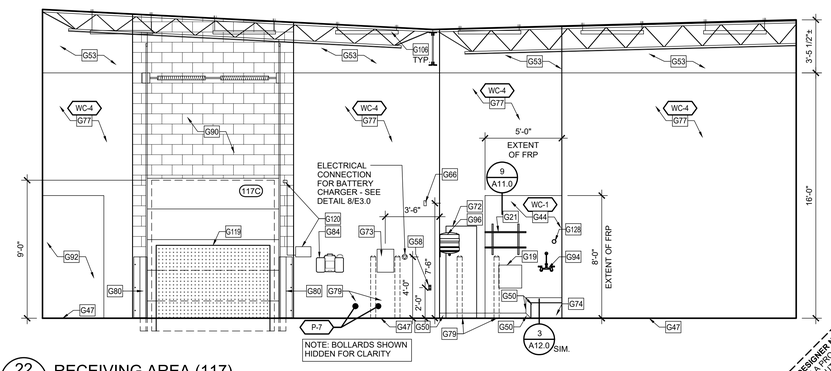

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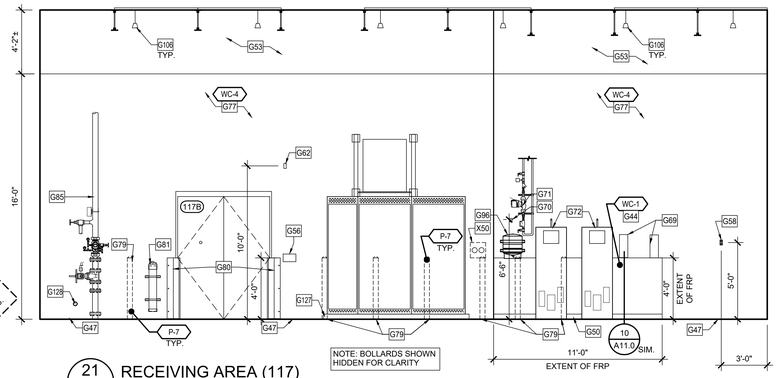
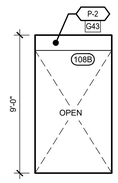


21 A8.3 RECEIVING AREA (117)
SCALE: 1/4"=1'-0"

DESIGNER NOTE: ELECTRICAL SPECIFIC BASIS WHEN WALL A ON A PROJECT SPECIFIC BASIS WHEN WALL A LAYOUT IS MIRRORED FROM PHOTO TO THE ELECTRICAL WILL BE INSTALLED ON THE LEFT ELECTRICAL WILL BE INSTALLED ON THE LEFT OF MILLWORK. IF THE AREAS ARE NOT MIRRORED, THE MILLWORK. IF THE AREAS ARE NOT MIRRORED, THE ELECTRICAL BE INSTALLED ON THE RIGHT OF FROM THE LEFT AS SHOWN ON THE ELECTRICAL FROM THE LEFT AS SHOWN ON THE ELECTRICAL AND SHALL BE LOCATED 1'-0" MINIMUM AWAY AND SHALL BE LOCATED 1'-0" MINIMUM AWAY RECEPTACLE WILL ALWAYS BE SHOWN HORIZONTALLY RECEPTACLE WILL ALWAYS BE SHOWN HORIZONTALLY ASSOCIATED WITH THE LEFT LINE OF PLUMBING ASSOCIATED WITH THE LEFT LINE OF PLUMBING MANUFACTURERS INSTALLATION INSTRUCTIONS. MANUFACTURERS INSTALLATION INSTRUCTIONS.



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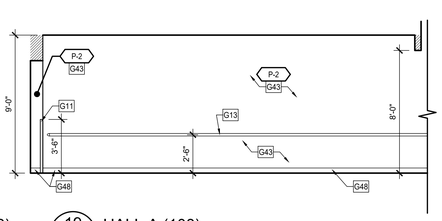

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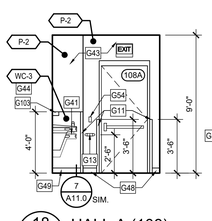

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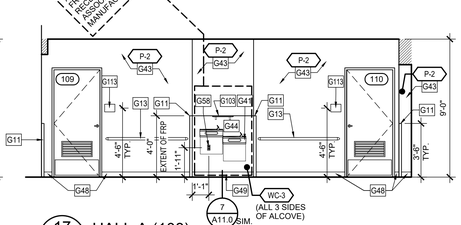

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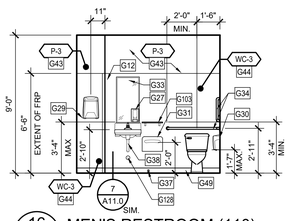

16 A8.3 MEN'S RESTROOM (110)
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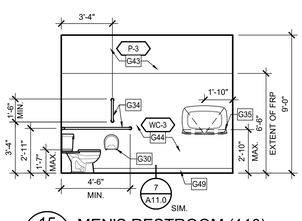

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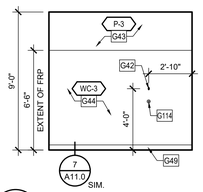

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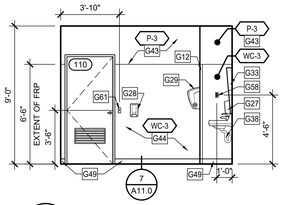

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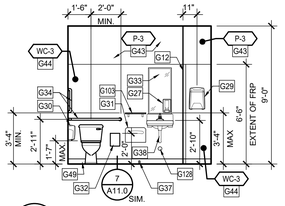

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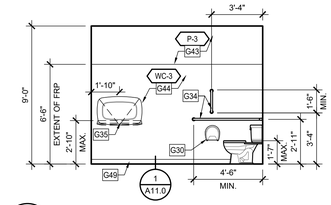

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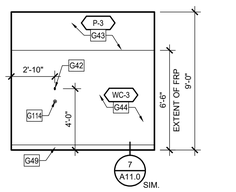
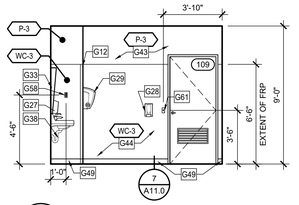
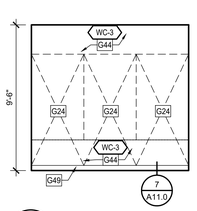


10 A8.3 WOMEN'S RESTROOM (109)
SCALE: 1/4"=1'-0"



9 A8.3 WOMEN'S RESTROOM (109)
SCALE: 1/4"=1'-0"



8 A8.3 ADOPTIONS (119)
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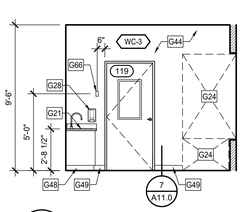

7 A8.3 ADOPTIONS (119)
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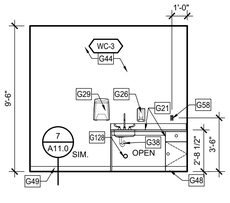

6 A8.3 ADOPTIONS (119)
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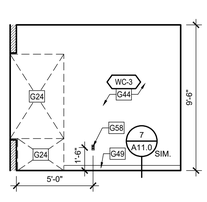
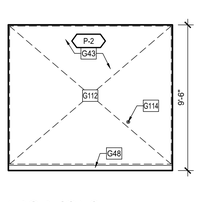


5 A8.3 ADOPTIONS (119)
SCALE: 1/4"=1'-0"



4 A8.3 ADOPTIONS MEET & GREET (118)
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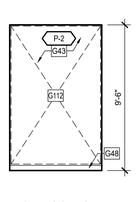

3 A8.3 ADOPTIONS MEET & GREET (118)
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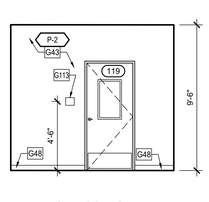

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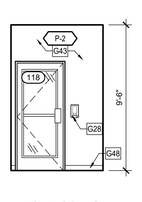


1 A8.3 ADOPTIONS MEET & GREET (118)
SCALE: 1/4"=1'-0"

GENERAL NOTES:

1. SEE SHEET A0.1 FOR ARCHITECTURAL KEY NOTES.

FRP GENERAL NOTES:

1. MILLWORK VENDOR HIRED BY G.C. SHALL PROVIDE AND INSTALL FRP SYSTEM. IT IS THE G.C. RESPONSIBILITY TO INCLUDE THEIR PRICE IN HIS BID.
2. THERE WILL BE NO EXCEPTIONS: THE AREAS THAT RECEIVE THE FRP MUST BE PROPERLY PREPPED. IF THE AREAS ARE NOT CLEAN, PROPERLY PREPARED AND PROPERLY LIGHTED CAUSING A DELAY IN INSTALLATION, THE GC WILL BE REQUIRED TO PAY MILLWORK VENDOR FOR EACH DAY LONGER THAT THE INSTALL TAKES AS WELL AS THE COST TO PREPARE THE AREAS CORRECTLY. THE COST FOR DELAY WILL BE PAID DIRECTLY TO MILLWORK VENDOR.
3. GENERAL CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL TAKE-OFF FOR ORDERING OF THE FRP, TRIM AND BASE (MILLWORK VENDOR TO SUPPLY AND INSTALL).
4. TYPICAL LEAD TIME FOR FRP MATERIALS IS TO BE COORDINATED WITH MILLWORK VENDOR.

TILE INSTALLATION CRITERIA:

1. EXPOSED OR SHARP EDGES ARE NOT PERMITTED. FACTORY FINISHED EDGES (NOT FIELD CUT EDGES) MAY BE EXPOSED ONLY WHERE INDICATED IN THE DRAWINGS.
2. THE LAYOUT OF THE TILE WAINSCOT, SHOWN ON THE INTERIOR ELEVATIONS, IS TO BE LAID OUT SUCH THAT THE FIELD IS EQUAL, CENTERED, FROM END OF THE WALL TO THE OPPOSITE END UNLESS NOTED OTHERWISE. THERE WILL TYPICALLY BE CUT TILES ON BOTH ENDS AND THERE SHALL NEVER BE LESS THAN 1/2 OF ONE TILE USED IN THE FIELD OF THE WAINSCOT, UNLESS SPECIFIED START POINT OR ROOM CONFIGURATION DICTATES TILE TO BE LESS THAN 1/2 OF ONE TILE.
3. IN ALL ROOMS WITH FLOOR TILE AND MATCHING WALL TILE WAINSCOT AND TILE BASE, THE JOINTS OF THE FLOOR AND WALL TILES ARE TO ALIGN.

MISC. BLOCKING SCHEDULE:

ROOM NAME	ROOM NUMBER	BLOCKING FOR	MATERIAL
VESTIBULE	100	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		CRASH RAIL	12" METAL STRAP (SEE DETAIL 12/A12.0)
SALES AREA	101	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		DÉCOR LEDGES	3/4" X 24" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
FRONT P.O.S.	102	DÉCOR LEDGE	3/4" X 24" PLYWOOD
BOPIS CLOSET	103	DOOR STOP	3/4" PLYWOOD
MANAGER/ VAULT	104	DOOR STOP	3/4" PLYWOOD
ASSOCIATES RESOURCES	106	PAPER TOWEL DISPENSER	3/4" PLYWOOD
		HAND SANITIZER	
		DOOR STOP	3/4" PLYWOOD
HALL A	108	WALL BUMPER GUARDS	8" METAL STRAP (SEE DETAIL 12/A12.0)
		STAINLESS STEEL SHELF	3/4" PLYWOOD
		DRINKING FOUNTAINS	2X6
WOMENS RESTROOM	109	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		SANITARY NAPKIN DISPOSAL	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
		DOOR STOP	3/4" PLYWOOD
MENS RESTROOM	110	GRAB BARS	3/4" PLYWOOD
		TOILET PAPER DISPENSER	
		TOWEL DISPENSER	
		HAND SANITIZER	
		TOILET SEAT COVER DISPENSER	
		MIRROR	
		BABY CHANGING SHELF	
		STAINLESS STEEL SHELF	
		CLOTHES HOOK	2 X 6
		DOOR STOP	3/4" PLYWOOD
SALON	114	DOOR STOP	3/4" PLYWOOD
DRYING AREA	115	MASTER BLASTER DRYERS	2 X 8
		HAND SANITIZER	3/4" PLYWOOD
		IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
BATHING AREA	116	SURFACE MOUNTED PIPING & FAUCETS	2 X 6
		LEASH HOLDERS	3/4" PLYWOOD
		HYDROSURGE	3/4" PLYWOOD (SEE INT. ELEVATIONS)
		EYEWASH	
RECEIVING	117	IMPACT DOOR	2 X 6 (SEE DETAIL 5/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		MOP HOLDER	2 X 6
		EYEWASH	3/4" PLYWOOD
		ROOF LADDER	4X (SEE DETAIL 3/A12.0)
ADOPTIONS MEET & GREET	118	HAND SANITIZER	3/4" PLYWOOD
		DOOR STOP	3/4" PLYWOOD
ADOPTIONS	119	HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
FISH PREP	120	IMPACT DOOR	2 X 6 (SEE DETAIL 6/A6.0)
		CHEMICAL MIXING SYSTEM	2 X 6
		EYEWASH	3/4" PLYWOOD
		HAND SANITIZER	
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #2	122	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	
HOLDING ROOM #1	123	DOOR STOP	3/4" PLYWOOD
		HAND SANITIZER	3/4" PLYWOOD
		SOAP DISPENSER	
		PAPER TOWEL DISPENSER	

MILLWORK BLOCKING SCHEDULE:

ELEV.	ROOM NAME	ROOM NUMBER	APPROX TOTAL FEET	MATERIAL	HEIGHT A.F.F.
9,10, 11 & 12/A8.1	MANAGER/ VAULT	104	22'-0"	2 X 6	27"
11 & 12 /A8.1	MANAGER/ VAULT	104	16'-0"	3/4" X 36" PLYWD	48"
11 & 12/A8.1	MANAGER/ VAULT	104	6'-0"	3/4" X 27" PLYWD	0"
14 & 15/A8.1	COMPUTER/ COPY	105	9'-6"	2 X 6	27"
15/A8.1	COMPUTER/ COPY	105	7'-6"	3/4" X 36" PLYWD	48"
15/A8.1	COMPUTER/ COPY	105	4'-0"	3/4" X 27" PLYWD	0"
19 & 20/A8.1	ASSOCIATE RESOURCES	106	16'-0"	2 X 6	27", 54", 79"
18 & 19/A8.1	ASSOCIATE RESOURCES	106	16'-0"	3/4" X 48" PLYWD	0"
2 & 4/A8.2	SALON	114	60'-0"	2 X 6	36", 70-1/2"
23/A8.3	RECEIVING	117	3'-0"	3/4"X 36" PLYWD	48"
6 & 7/A 8.3	ADOPTIONS	119	7'-0"	2 X 6	27"
6/A8.3	ADOPTIONS	119	2'-0"	3/4"X 27" PLYWD	0"
30/A8.1	FISH PREP	120	5'-0"	3/4"X 36" PLYWD	52"
34/A8.1	FISH PREP	120	8'-6"	2 X 6	49"
28/A8.1	HOLDING #2	122	3'-0"	3/4"X 36" PLYWD	48"
24/A8.1	HOLDING #1	123	3'-0"	3/4"X 36" PLYWD	48"

CONTRACTOR SHALL VERIFY MILLWORK BLOCKING LOCATIONS & EXTENT WITH NATIONAL ACCOUNT MILLWORK VENDOR

NOTE: ALL MILLWORK IS SUPPLIED AND INSTALLED BY G.C. AS PART OF G.C. SCOPE THRU NATIONAL ACCOUNT MILLWORK VENDOR (SEE SHEET F2.0). ALL BLOCKING/ BACKING IS SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

TENANT: PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

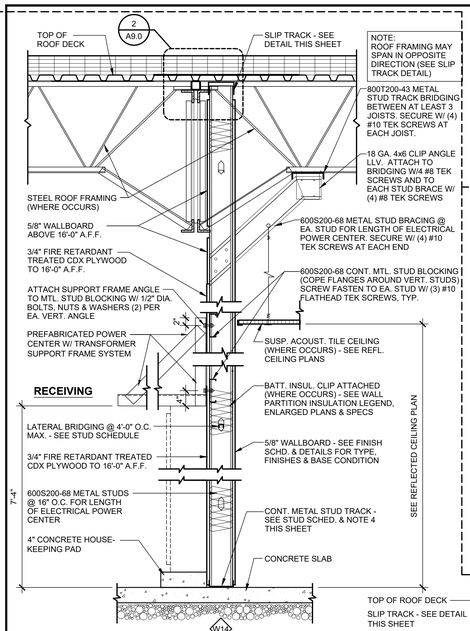
#	DESCRIPTION	DATE

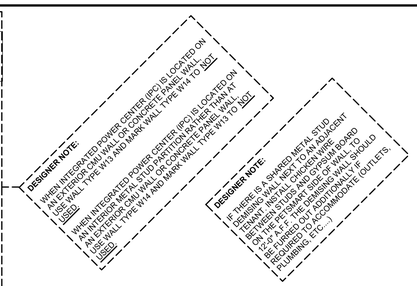
PROJECT NO: 16K 2026 US INSTRUCTION SET
ORIGINAL SCALE: AS INDICATED
DRAWN BY: XXX
CHECKED BY: XXX
PAGE #: 20 OF: 47
DISCIPLINE: ARCHITECTURAL

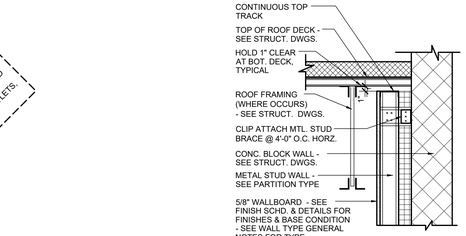
IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

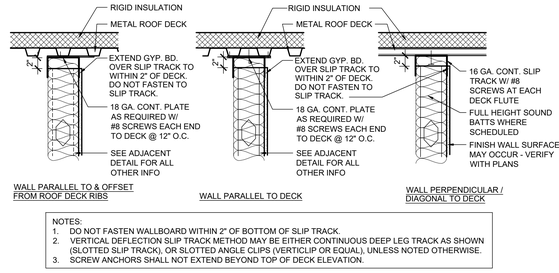
TITLE:
INTERIOR ELEVATIONS

SHEET NUMBER:
A8.3





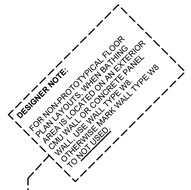


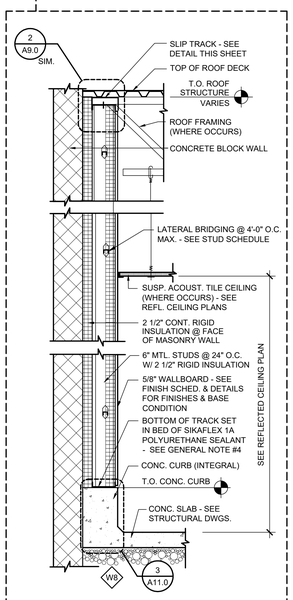


NOTES:
1. DO NOT FASTEN WALLBOARD WITHIN 2" OF BOTTOM OF SLIP TRACK.
2. VERTICAL DEFLECTION SLIP TRACK METHOD MAY BE EITHER CONTINUOUS DEEP LEG TRACK AS SHOWN (SLOTTED SLIP TRACK), OR SLOTTED ANGLE CLIPS (VERTICLIP OR EQUAL), UNLESS NOTED OTHERWISE.
3. SCREW ANCHORS SHALL NOT EXTEND BEYOND TOP OF DECK ELEVATION.

3 A9.0 — GYP. BOARD TERMINATION AT DECK DETAIL
SCALE: 1"=1'-0"

2 A9.0 — SLIP TRACK DETAILS
SCALE: 1"=1'-0"





WALL TYPE GENERAL NOTES:

1. ALL INTERIOR PARTITION DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
2. DEFINED "WET AREAS":
   A. BATHING AREAS
   B. DRYING AREAS
   C. RESTROOMS
   D. WATER COOLER ALCOVE
   E. FISH EQUIPMENT
   F. HOLDING ROOMS (WALLS ADJACENT TO SINK)
   G. RECEIVING (WALLS ADJACENT TO MOP SINK)
3. ALL SEALANT IN WET AREAS SHALL BE SIKA, SIKAFLEX 1A POLYURETHANE SEALANT, UNLESS NOTED OTHERWISE. FOR COLORS & LOCATIONS, SEE SCHEDULE ON SHEET A7.0.
4. BOTTOM TRACK AT ALL WET LOCATIONS TO BE SET IN TWO (2) CONTINUOUS BEADS OF SIKAFLEX 1A POLYURETHANE SEALANT WITH A CONTINUOUS BEAD ALONG BOTH EDGES OF THE TRACK (OVER SIKAFLEX CONCRETE PRIMER).
5. FOR ALL LOCATIONS OF WATER RESISTANT WALLBOARD (DENS ARMOR PLUS BY GEORGIA PACIFIC) REFER TO DETAILS ON SHEET A11.0. PANEL TO BE HELD 3/8" ABOVE FLOOR.
6. SEE ROOM FINISH SCHEDULE ON SHEET A7.0 AND INTERIOR ELEVATIONS FOR WALLBOARD TYPES AND FINISHES.
7. REFER TO FINISH SCHEDULE, INTERIOR ELEVATIONS, AND DETAILS FOR BASE TYPE AND DETAILS.
8. REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
9. ALL WALLS BEHIND MILLWORK SHALL HAVE FINAL FINISH PRIOR TO INSTALLATION. ALL FLOORING MATERIAL SHALL BE INSTALLED PRIOR TO MILLWORK INSTALLATION. INSTALL VINYL OR CERAMIC BASE AS APPLICABLE AFTER MILLWORK IS INSTALLED.
10. ENSURE BLOCKING IS INSTALLED FOR ALL WALL MOUNTED ITEMS AND MILLWORK. SEE BLOCKING SCHEDULES ON A8.0 SHEETS FOR ADDITIONAL INFORMATION.

COLD FORMED STEEL IDENTIFICATION LEGEND

STUD SCHEDULE:

TYPE	GAUGE	MAXIMUM CLEAR HEIGHT (1) (2)
250S162-33	20	10'-8"
362S162-33	20	15'-2"
362S162-43	18	16'-5"
362S162-54	16	17'-8"
400S162-33	20	16'-4"
400S162-43	18	17'-9"
400S162-54	16	19'-0"
600S162-33	20	22'-6"
600S162-43	18	24'-5"

(1) CLEAR HEIGHT IS THE DISTANCE FROM FLOOR TO TOP OF WALL OR TO BRACE LOCATION (HORIZ. OR DIAGONAL KNEE BRACE).

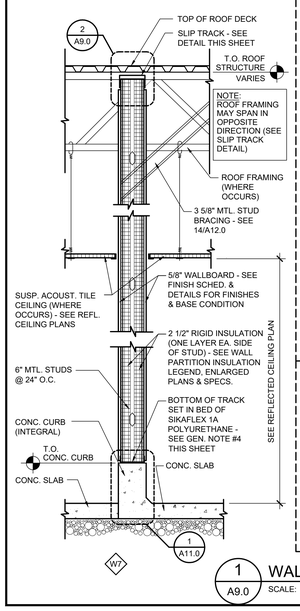
(2) SEE DETAIL 14/A12.0 FOR BRACING REQUIREMENTS.

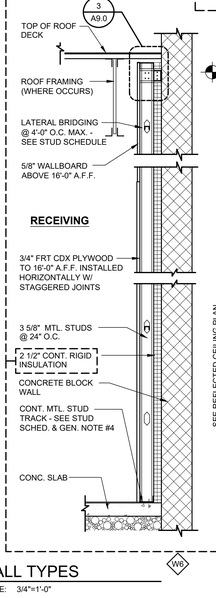
(3) ALL METAL STUD MEMBERS SHALL BE FORMED FROM CORROSION RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A653-94 AND SHALL BE ZINC COATED MEETING ASTM A924. MINIMUM YIELD STRENGTH SHALL BE 33,000 PSI FOR ALL RUNNERS AND ALL 33 MILS AND 43 MILS MEMBERS; AND 50,000 PSI FOR ALL 54 MILS, 68 MILS, AND 97 MILS. STUDS PROPERTIES SHALL BE AS MANUFACTURED BY METAL STUD MANUFACTURERS ASSOCIATIONS PER I.C.C.-E.S.R. #3064P OR APPROVED EQUAL. STUDS SHALL BE A MINIMUM 33 MILS "C" SHAPE, 1.625" WIDE (U.O.N.), OF THE DEPTHS AND SPACING SHOWN ON DRAWINGS. TRACKS SHALL BE 54 MILS, WITH A MINIMUM FLANGE OF 1.25". BRIDGING SHALL BE COLD ROLLED CHANNEL, MINIMUM 1.5" DEEP WITH 0.5625" FLANGE WIDTH. SPACE BRIDGING AT 4'-0" MAXIMUM O.C. VERTICALLY. DOUBLE UP STUDS AT ALL JAMBS. ALL CONNECTIONS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. SPLICE IN FRAMING MEMBERS, OTHER THAN RUNNER TRACK SHALL NOT BE PERMITTED. ANCHOR RUNNER TRACK TO CONCRETE WITH .157ø x1.5" HILTI FASTENERS PER I.C.C.-E.S.R. #2269 AT 32" O.C. MAX.

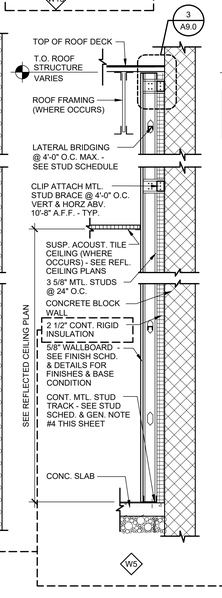
WALL PARTITION INSULATION LEGEND

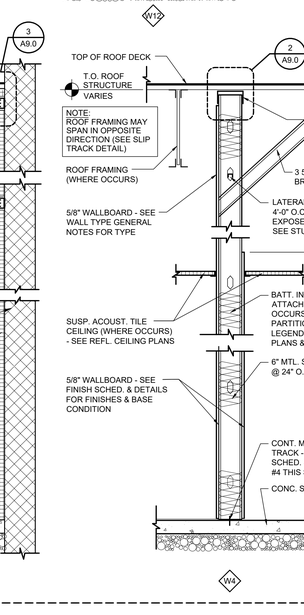
WXY — W= WALL TYPE TAG. (SEE SHEET A9.0 FOR WALL TYPES) X= NUMBER IDENTIFYING WHICH WALL TYPE Y= LETTER IDENTIFYING WHICH TYPE & EXTENT OF INSULATION

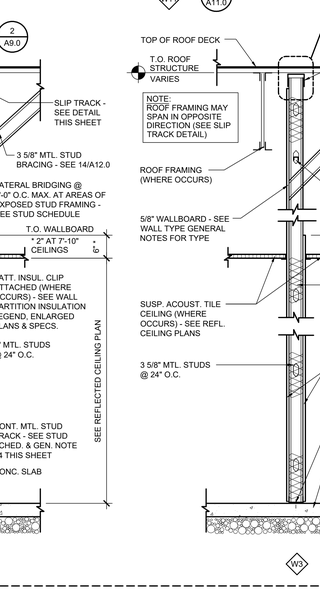
LABEL	INSULATION DESCRIPTION
"A"	2-1/2" RIGID INSULATION FULL HEIGHT
"B"	UNFACED 3-1/2" BATT. INSULATION FULL HEIGHT
"C"	UNFACED 3-1/2" BATT. INSULATION TO 6" ABOVE FINISHED CEILING
"D"	UNFACED 6" BATT. INSULATION FULL HEIGHT
"E"	UNFACED 6" BATT. INSULATION TO 6" ABOVE FINISHED CEILING
"F"	2-1/2" RIGID INSULATION FULL HEIGHT



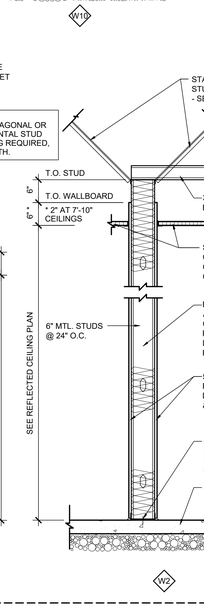




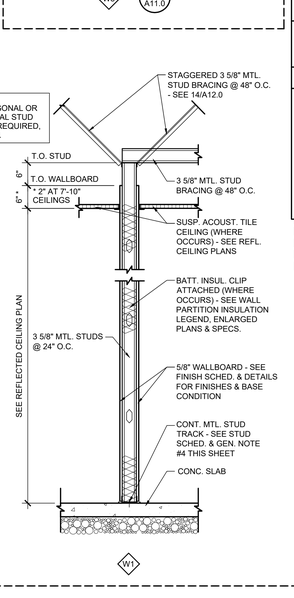


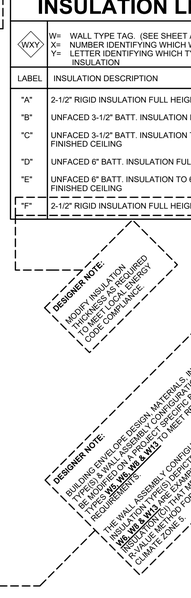


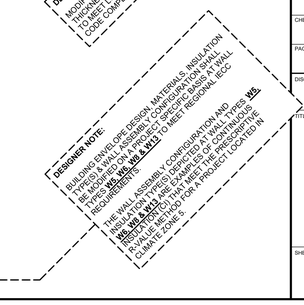
NOTE: ONLY DIAGONAL OR HORIZONTAL STUD BRACING REQUIRED, NOT BOTH.



NOT USED
W9







1 A9.0 — WALL TYPES
SCALE: 3/4"=1'-0"

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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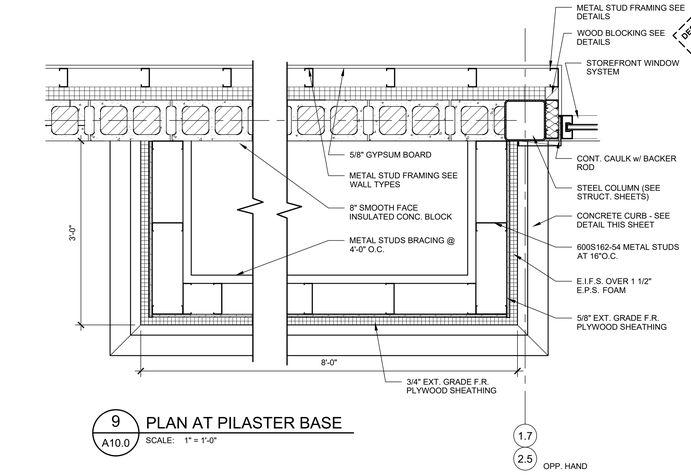
XXX

PAGE #:
21 OF: 47

DISCIPLINE:
ARCHITECTURAL

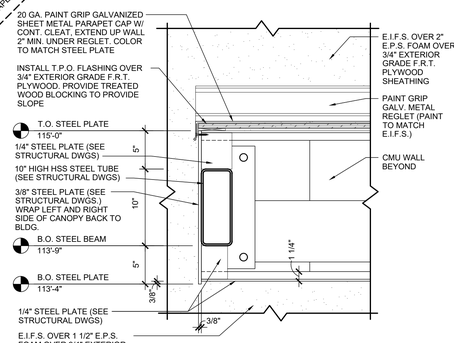
TITLE:
WALL TYPES

SHEET NUMBER:
A9.0

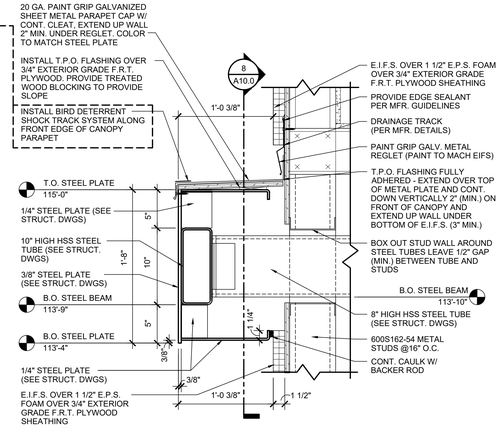


9 A10.0 PLAN AT PILASTER BASE
SCALE: 1" = 1'-0"

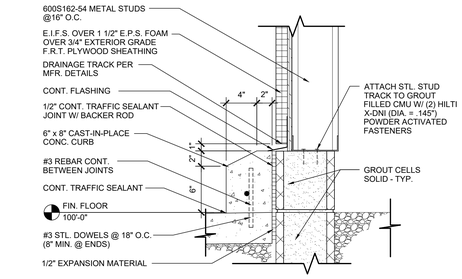
DESIGNER NOTE:
FOR PROJECTS WITHOUT A PARAPET, PLEASE DELETE "ONE PIECE FLEXIBLE FLASHING" & "STRIP TRACK SYSTEM" FROM THE LEADING EDGE OF THE COPING CAP IN THE HIGH CANOPY PARAPET.



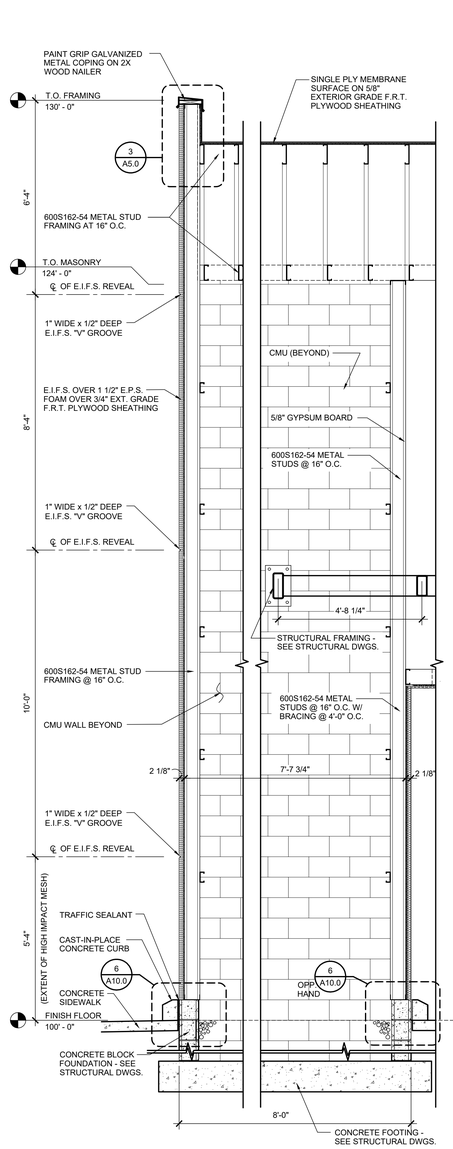
8 A10.0 DETAIL AT CANOPY
SCALE: 1 1/2" = 1'-0"



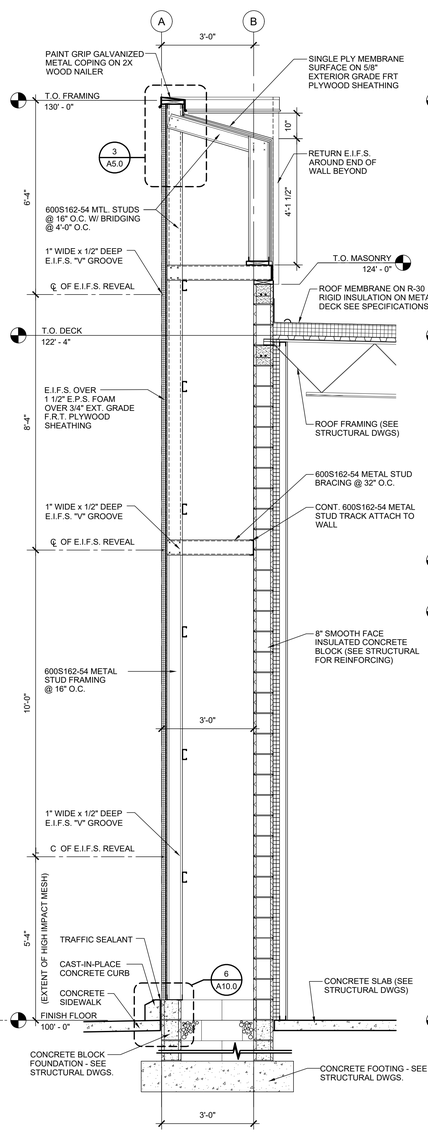
7 A10.0 DETAIL AT CANOPY
SCALE: 1 1/2" = 1'-0"



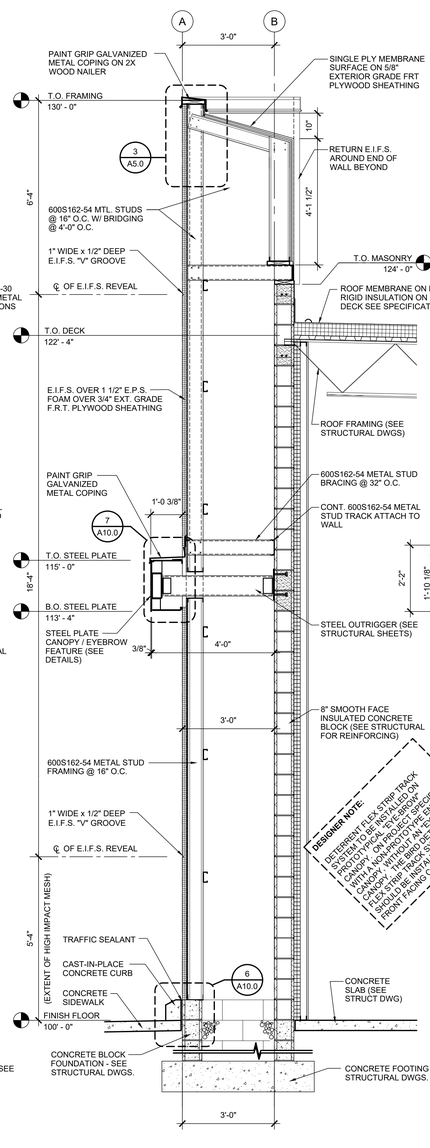
6 A10.0 DETAIL AT CURB
SCALE: 1 1/2" = 1'-0"



5 A10.0 WALL SECTION THRU PILASTER
SCALE: 1/2"=1'-0"

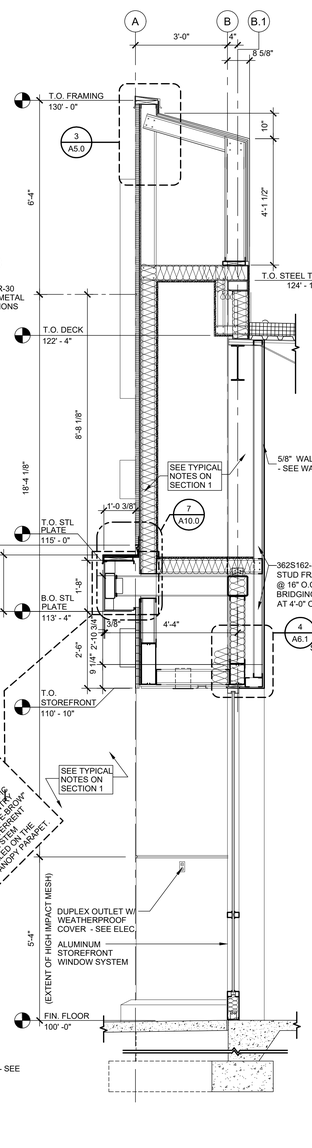


4 A10.0 WALL SECTION THRU PILASTER
SCALE: 1/2"=1'-0"

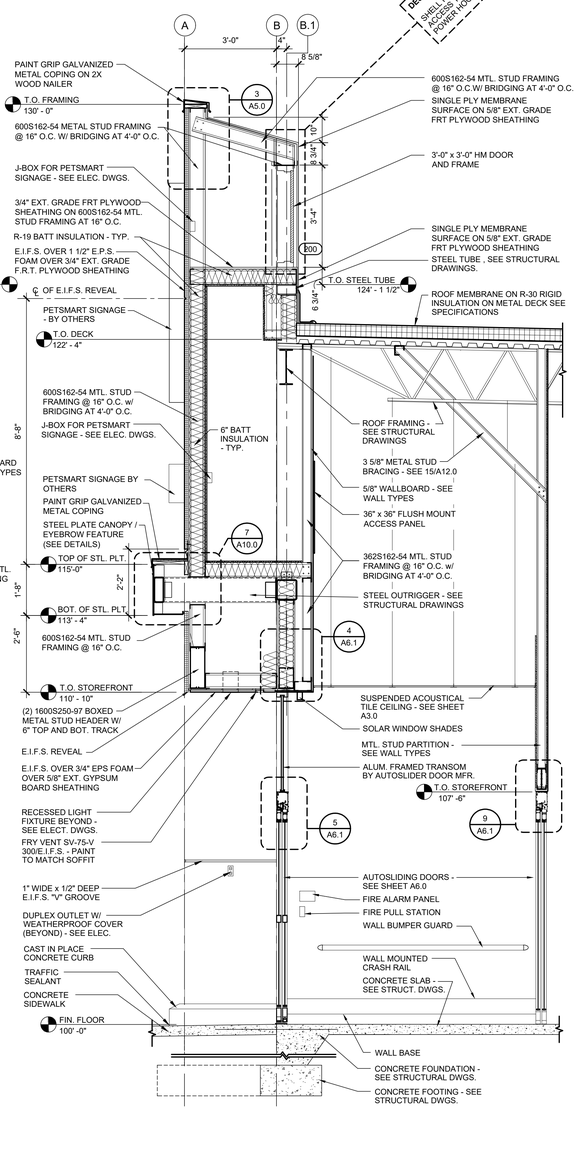


DESIGNER NOTE:
DETERRENT FLEX STRIP TRACK SYSTEM IS NOT REQUIRED ON PROTOTYPICAL STYLE BROWN CANOPY. WITH CUT IN "EYE BROW" WITH A NON-PROTOTYPICAL SPECIFIC FLEX STRIP TRACK SYSTEM IN THE "EYE BROW" CANOPY, THE BIRD DETERRENT SHOULD BE INSTALLED ON THE FRONT FACIA OF THE CANOPY PARAPET.

3 A10.0 WALL SECTION THRU PILASTER
SCALE: 1/2"=1'-0"



2 A10.0 WALL SECTION THRU STOREFRONT
SCALE: 1/2"=1'-0"



DESIGNER NOTE:
SHELF PLANS MUST PROVIDE ACCESS TO REAR POWER HOOK UP

1 A10.0 WALL SECTION THRU VESTIBULE
SCALE: 1/2"=1'-0"

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

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CHECKED BY: XXX
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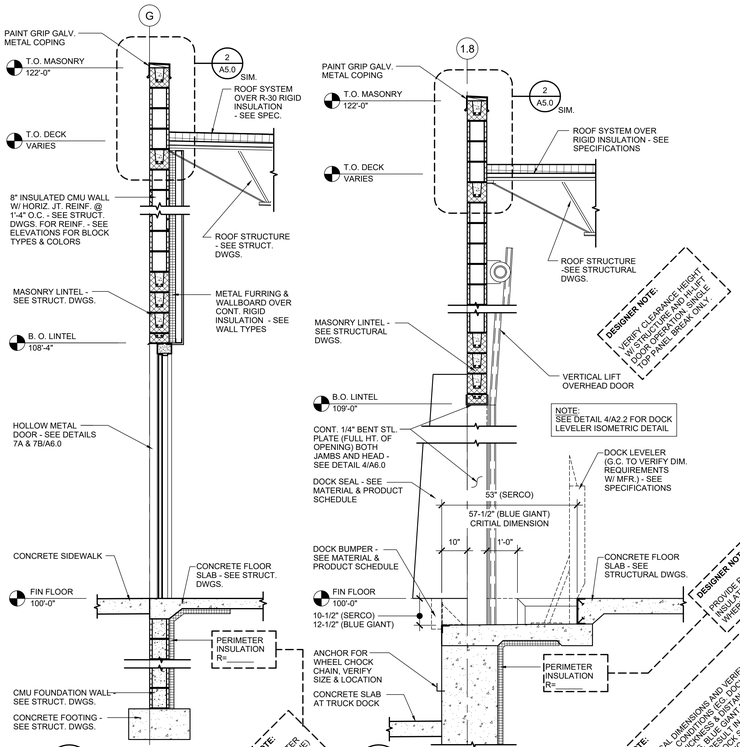
1"
DISCIPLINE: ARCHITECTURAL

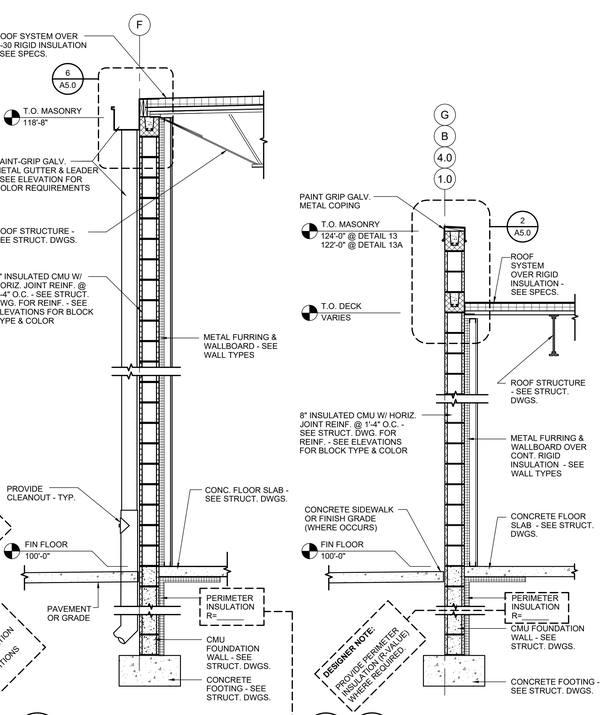
TITLE:
WALL SECTIONS AND DETAILS

SHEET NUMBER:
A10.0



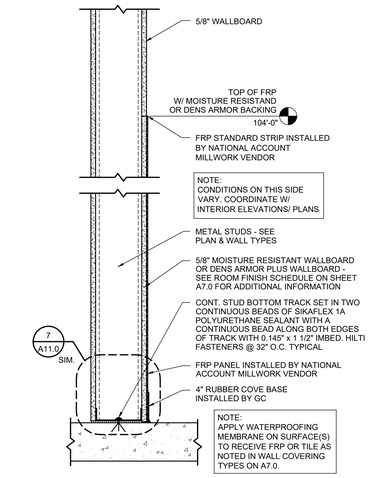
15 A11.0 WALL SECTION
SCALE: 1/2"=1'-0"

14 A11.0 WALL SECTION
SCALE: 1/2"=1'-0"

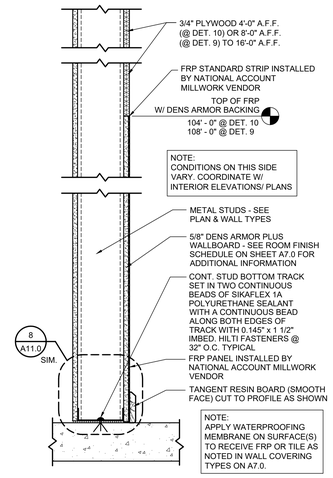


13 A11.0 WALL SECTION
SCALE: 1/2"=1'-0"

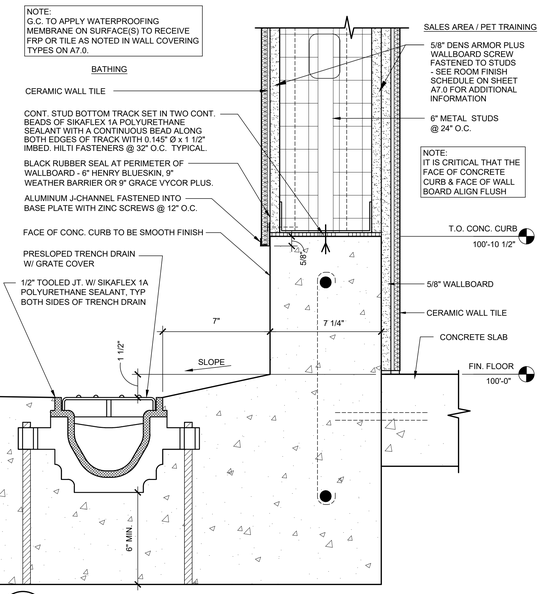
12A A11.0 12 A11.0 WALL SECTION
SCALE: 1/2"=1'-0"



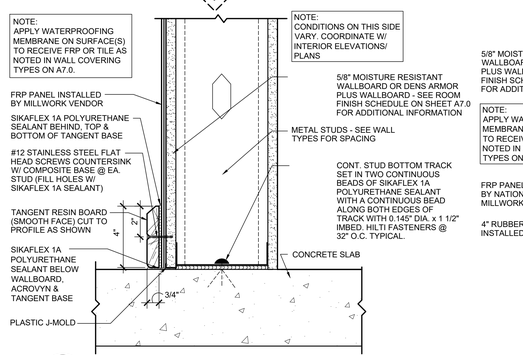
11 A11.0 BASE / TRIM DETAIL
SCALE: 1 1/2" = 1'-0"



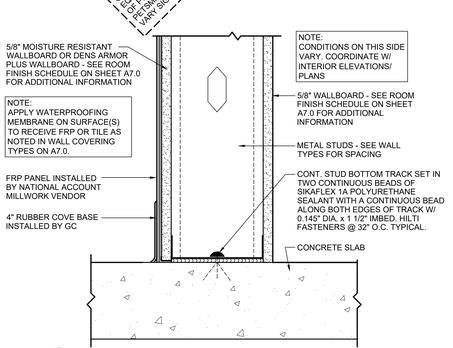
10 A11.0 9 A11.0 BASE / TRIM DETAIL
SCALE: 1 1/2" = 1'-0"



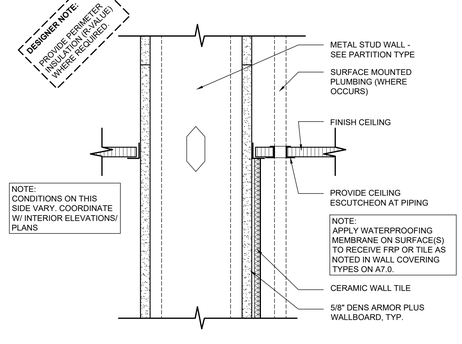
5 A11.0 TRENCH DRAIN @ BATHING
SCALE: 3" = 1'-0"



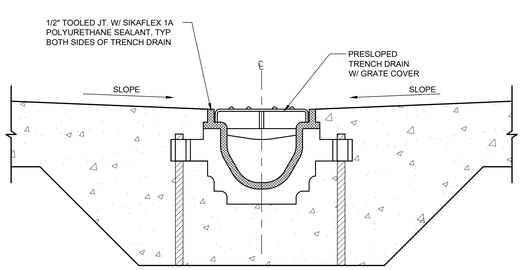
8 A11.0 DETAIL - BASE @ STUD WALL
SCALE: 3" = 1'-0"



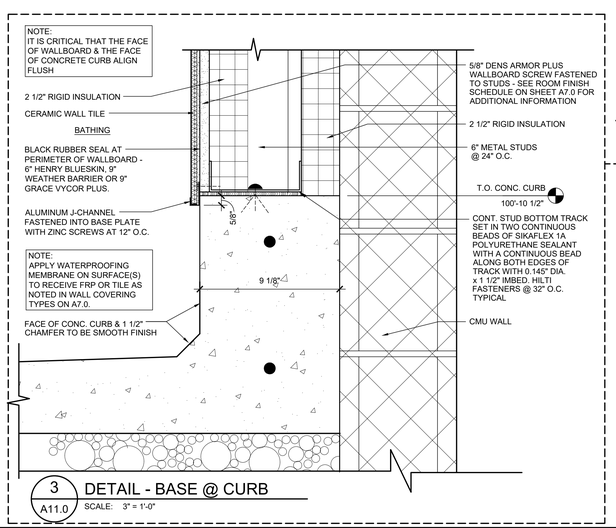
7 A11.0 DETAIL - BASE @ STUD WALL
SCALE: 3" = 1'-0"



6 A11.0 DETAIL - CEILING PENETRATION
SCALE: 3" = 1'-0"



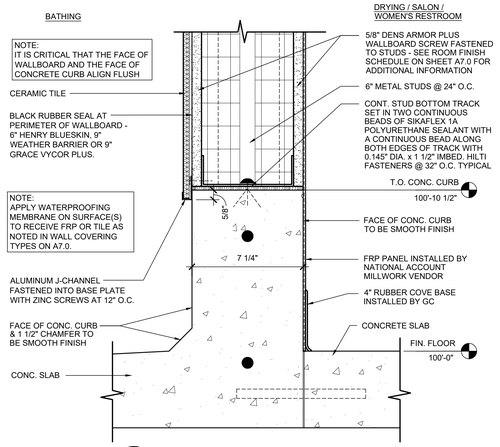
4 A11.0 TRENCH DRAIN @ DRYING
SCALE: 3" = 1'-0"



3 A11.0 DETAIL - BASE @ CURB
SCALE: 3" = 1'-0"

DESIGNER NOTE: FOR NON-PROTOTYPICAL FLOOR PLAN LOCATIONS WITH BATHING AREA WALL OR CONCRETE PANEL WALL, USE DETAIL 3 OTHERWISE MARK DETAIL 3 TO NOT USED

2 A11.0 NOT USED
SCALE: 3"=1'-0"



1 A11.0 DETAIL - BASE @ CURB
SCALE: 3" = 1'-0"

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

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PAGE #: 23 OF: 47
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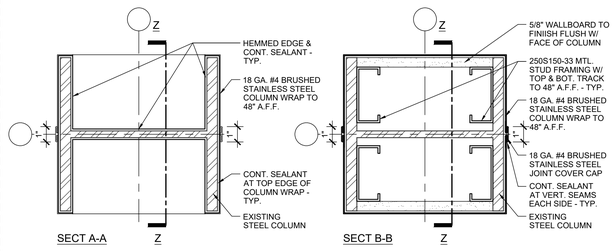
DISCIPLINE: ARCHITECTURAL

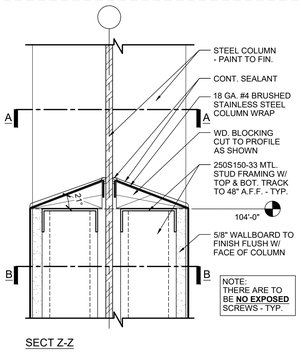
TITLE:
WALL SECTIONS AND DETAILS

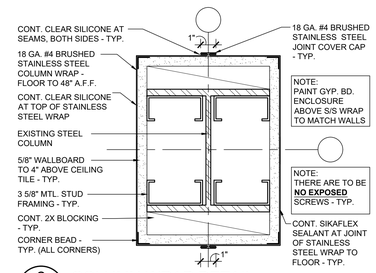
SHEET NUMBER:
A11.0



2 A12.0 COLUMN WRAP DETAIL

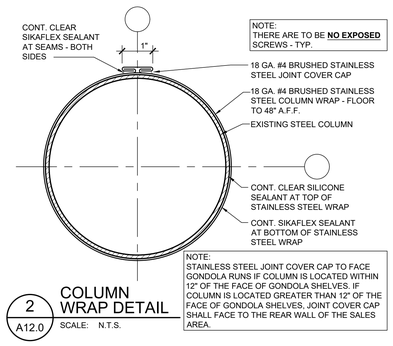
SCALE: N.T.S.





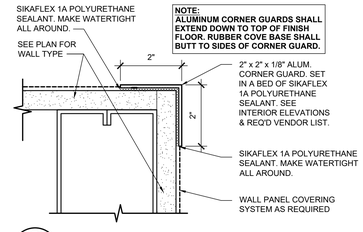
2 A12.0 COLUMN WRAP DETAIL

SCALE: N.T.S.



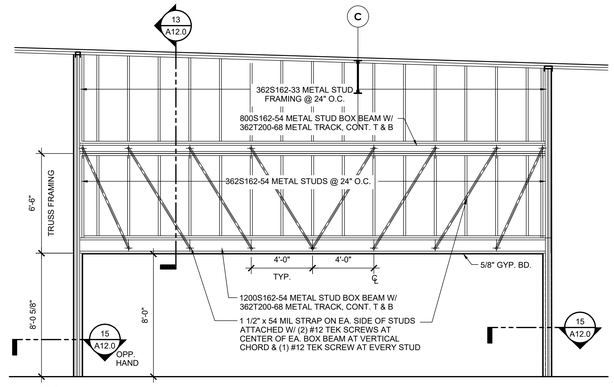
2 A12.0 COLUMN WRAP DETAIL

SCALE: N.T.S.



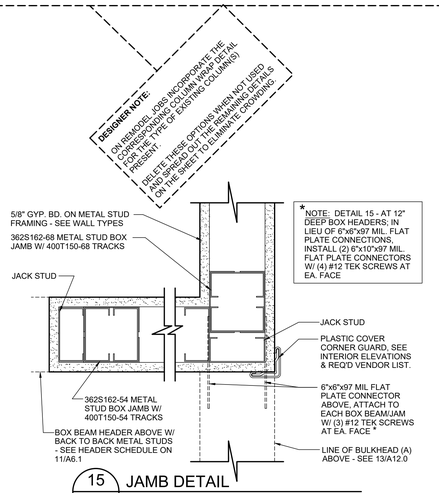
12 A12.0 ALUM. CORNER GUARD DETAIL

SCALE: 6" - 1'-0"



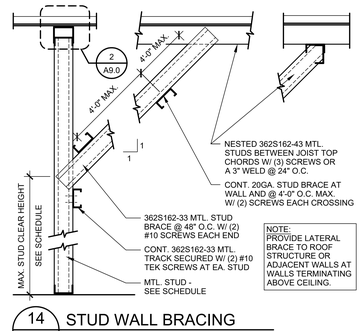
16 A12.0 FISH EQUIPMENT SOFFIT TRUSS

SCALE: 1/4" = 1'-0"



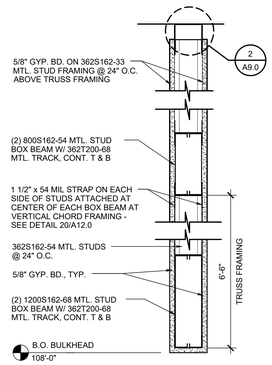
15 A12.0 JAMB DETAIL

SCALE: 3" = 1'-0" @ FISH EQUIPMENT



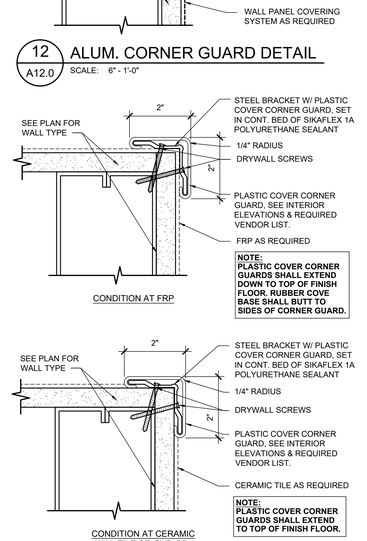
14 A12.0 STUD WALL BRACING

SCALE: 1" = 1'-0"



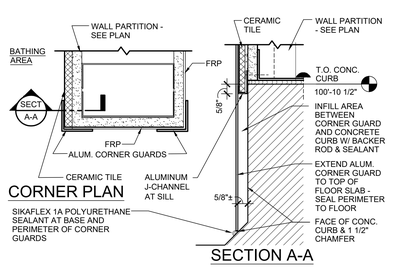
13 A12.0 FISH EQUIPMENT BULKHEAD - A

SCALE: 1 1/2" = 1'-0"



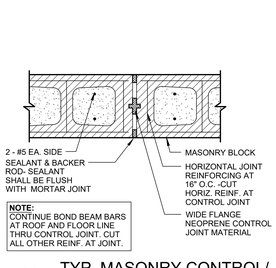
11 A12.0 PLASTIC CORNER GUARD DETAILS

SCALE: 6" - 1'-0"



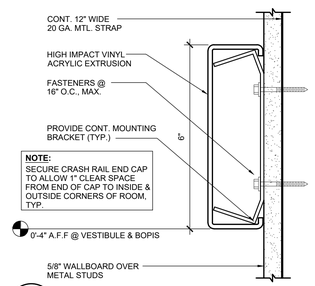
10 A12.0 CORNER DETAIL AT BATHING ENTRY

SCALE: N.T.S.



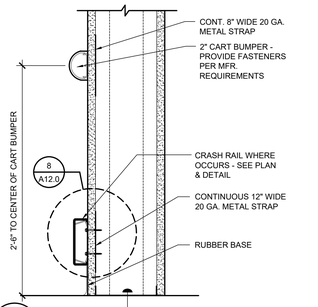
9 A12.0 TYP. MASONRY CONTROL/ EXPANSION JOINT

SCALE: N.T.S.



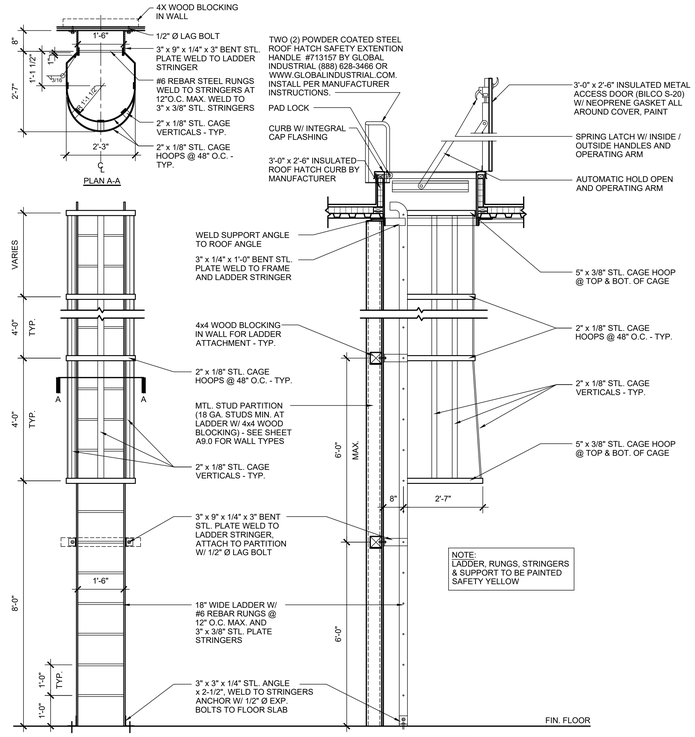
8 A12.0 CRASH RAIL DETAIL

SCALE: 6" - 1'-0"



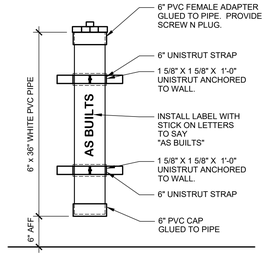
7 A12.0 WALL BUMPER GUARD

SCALE: 1 1/2" = 1'-0"



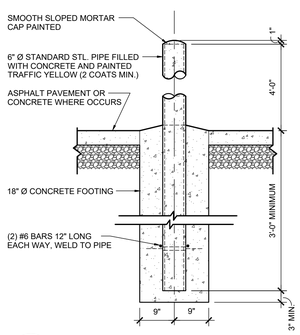
1 A12.0 ROOF LADDER SECTION / PLAN

SCALE: 1/2" = 1'-0"



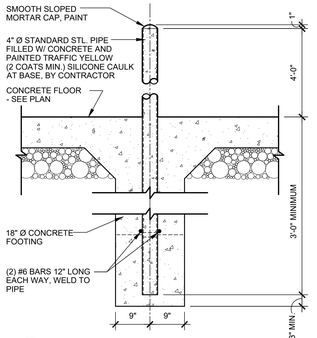
6 A12.0 AS-BUILT PLAN TUBE

SCALE: 1" = 1'-0"



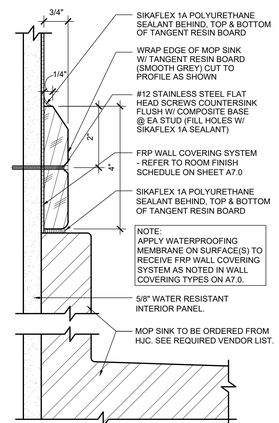
5 A12.0 EXTERIOR PIPE BOLLARD

SCALE: 3/4" = 1'-0"



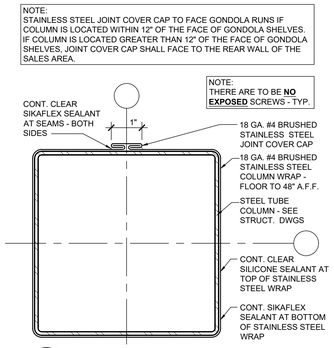
4 A12.0 INTERIOR PIPE BOLLARD

SCALE: 3/4" = 1'-0"



3 A12.0 WALL PANEL @ MOP SINK

SCALE: 6" = 1'-0"



2 A12.0 COLUMN WRAP DETAILS

SCALE: 6" - 1'-0"

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

DRAWN BY: XXX

CHECKED BY: XXX

PAGE #: 24 OF: 47

1"

DISCIPLINE: ARCHITECTURAL

TITLE:

DETAILS

SHEET NUMBER:

A12.0

DESIGN:

1. BUILDING CODE - 2018 INTERNATIONAL BUILDING CODE
2. ROOF DEAD, ROOF LIVE AND RAIN LOADS - REFER TO DRAWING S3.0
3. SNOW LOADS:
   - GROUND SNOW LOAD, Pg = 5 PSF
   - SNOW EXPOSURE FACTOR, Ce = 1.0
   - SNOW LOAD IMPORTANCE FACTOR, Is = 1.0
   - THERMAL FACTOR, Ct = 1.0
4. WIND LOADS:
   - ULTIMATE WIND SPEED = 115 MPH
   - NOMINAL WIND SPEED = 90 MPH
   - RISK CATEGORY = II
   - OVERALL EXPOSURE CATEGORY = C
   - BUILDING CATEGORY = ENCLOSED
5. COMPONENTS AND CLADDING WIND DESIGN PRESSURES (GROSS): PER TABLE BELOW.

COMPONENTS AND CLADDING (ULTIMATE) WIND DESIGN PRESSURES (PSF)

	ZONE*	EFFECTIVE WIND AREA (SF)	WINDWARD PRESSURE	LEEWARD PRESSURE
ROOF	1	10	16.0	-30.7
		20	16.0	-29.9
		50	16.0	-28.9
		100	16.0	-28.1
	2	10	16.0	-51.5
		20	16.0	-46.1
		50	16.0	-38.8
		100	16.0	-33.3
	3	10	16.0	-77.5
		20	16.0	-64.2
		50	16.0	-46.6
		100	16.0	-33.3
WALLS	4	10	30.7	-33.3
		20	29.3	-31.9
		50	27.5	-30.1
		100	26.1	-28.6
	5	500	22.8	-25.5
		10	30.7	-41.2
		20	29.3	-38.3
		50	27.5	-34.7
		100	26.1	-31.9
		500	22.8	-25.5

6. SEISMIC LOADS:
   - RISK CATEGORY = II
   - SEISMIC IMPORTANCE FACTOR, Ie = 1.0
   - MAPPED SPECTRAL RESPONSE COEFFICIENTS:
     - Ss = 0.217
     - S1 = 0.084
   - SITE CLASS = D
   - SPECTRAL RESPONSE COEFFICIENTS:
     - Sds = 0.231
     - Sd1 = 0.134
   - SEISMIC DESIGN CATEGORY = C
   - BASIC SEISMIC-FORCE-RESISTING SYSTEM = INTERMEDIATE REINFORCED MASONRY SHEAR WALLS
   - RESPONSE MODIFICATION COEFFICIENT, R = 3.5
   - ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE
   - SEISMIC RESPONSE COEFFICIENT, Cs = 0.047
   - BASE SHEAR, V = 37.3K

FOUNDATIONS:

1. THE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE "SOILS AND FOUNDATION INVESTIGATION" PREPARED BY _____.
2. SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING A NET ALLOWABLE BEARING PRESSURE OF ____ PSF FOR INDIVIDUAL COLUMN FOOTINGS AND ____ PSF FOR CONTINUOUS WALL FOOTINGS UNDER FULL SERVICE LIVE AND DEAD LOAD.
3. FOOTINGS MAY BE POURED INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
4. ALL BEARING MATERIAL SHALL BE INSPECTED BY THE INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED.
5. BOTTOM OF EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF ____" BELOW FINAL EXTERIOR GRADE FOR FROST PROTECTION.
6. FOUNDATION WALLS THAT RETAIN EARTH SHALL BE BRACED AGAINST BACKFILLING PRESSURES UNTIL FLOOR SLABS AT TOP AND BOTTOM ARE IN PLACE.
7. WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL.
8. VERIFY USE AND EXTENT OF PERIMETER INSULATION WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION OF FOUNDATIONS. INSTALL PERIMETER INSULATION AS REQUIRED.

CONCRETE:

1. CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH AND DENSITY, IN ACCORDANCE WITH THE FOLLOWING:

	STRENGTH (PSI)	DENSITY (PCF)
INTERIOR SLABS	4000	145
ALL CONCRETE EXPOSED TO WEATHER	4000	145
ALL OTHER CONCRETE (U.N.O.)	3000	145

2. SLUMP OF CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED. THE SLUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SLUMP OF CONCRETE CONTAINING A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 10".
3. CONCRETE EXPOSED TO WEATHER, IN AREAS SUBJECT TO FROST, SHALL BE AIR-ENTRAINED. AIR CONTENT SHALL BE BETWEEN 4 AND 8 PERCENT.
4. THE COARSE AGGREGATE SIZE SHALL BE # 57 OR LARGER. SEE CONCRETE SPECIFICATION FOR MAXIMUM AGGREGATE SIZE ALLOWED (3/4" MAXIMUM AT INTERIOR SLABS).
5. THE MINIMUM PORTLAND CEMENT (TYPE I OR II) CONTENT (ASTM C150) OF ALL CONCRETE SHALL CONFORM TO THE FOLLOWING TABLE. (FLY ASH NOT PERMITTED)

SPECIFIED COMPRESSIVE STRENGTH (PSI)	MINIMUM CEMENT CONTENT (POUNDS PER CUBIC YARD)	
	NON AIR-ENTRAINED CONCRETE	AIR-ENTRAINED CONCRETE
3000	470	517
4000	564	611

6. REINFORCING SHALL CONFORM TO ASTM A615, GR60 UNLESS NOTED OTHERWISE.
7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
8. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED, IN ACCORDANCE WITH ACI DETAILING MANUAL 2004.
9. ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER, IN ACCORDANCE WITH CRSI "MANUAL OF STANDARD PRACTICE" (2009).
10. MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE:
    - UNFORMED SURFACE IN CONTACT WITH THE GROUND: 3"
    - FORMED SURFACES EXPOSED TO EARTH OR WEATHER:
      - #6 BARS AND LARGER: 2"
      - #5 BARS AND SMALLER: 1 1/2"
    - FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:
      - BEAMS, GIRDERS, AND COLUMNS: 1 1/2"
      - SLABS, WALLS, AND JOISTS
      - #11 BARS AND SMALLER: 3/4"
      - #14 AND #18 BARS: 1 1/2"
11. LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE. WHERE CLASSES ARE NOT CALLED OUT ON DRAWINGS, USE CLASS "B" SPLICES:

BAR SIZE	TENSION SPLICES (INCHES)				COMPRESSION SPLICES (INCHES)
	TOP BARS		OTHER BARS		
	A	B	A	B	
#3	22	28	17	22	12
#4	29	37	22	29	15
#5	36	47	28	36	19
#6	43	56	33	43	23
#7	63	81	48	63	26
#8	72	93	55	72	30
#9	81	105	62	81	34
#10	91	116	70	91	38
#11	101	131	76	101	42

COMPRESSION DOWEL EMBEDMENT: 22 BAR DIAMETERS
LAP WELDED WIRE FABRIC ONE SPACING OF CROSS WIRES PLUS 2"

12. BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC. BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.

REINFORCED MASONRY:

1. THE REINFORCED MASONRY FOR THIS PROJECT HAS BEEN DESIGNED AND DETAILED IN ACCORDANCE WITH THE STRENGTH DESIGN METHOD.
2. REINFORCED MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH, f'm, OF 1500 PSI. MASONRY UNITS SHALL BE NORMAL WEIGHT BLOCK CONFORMING TO ASTM C90, AND SHALL HAVE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI. MORTAR SHALL CONFORM TO ASTM C270, TYPE S. GROUT SHALL CONFORM TO ASTM C476.
3. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
4. CONTINUOUS WIRE REINFORCING (JOINT REINFORCING) SHALL BE GALVANIZED TRUSS OR LADDER TYPE FORMED FROM 9 GAUGE COLD - DRAWN STEEL WIRE COMPLYING WITH ASTM A82.
5. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF VERTICAL CONTROL JOINTS. HORIZONTAL BOND BEAM AND LINTEL REINFORCING SHALL BE CONTINUOUS ACROSS VERTICAL CONTROL JOINTS. JOINT REINFORCING SHALL BE STOPPED EITHER SIDE OF VERTICAL CONTROL JOINTS.
6. ALL REINFORCED CELLS, ALL CELLS BELOW GRADE AND ALL CELLS BELOW FINISH FLOOR SHALL BE GROUTED SOLID.
7. WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL BLOCK CORE, IT SHALL NOT BE SLOPED MORE THAN ONE HORIZONTAL IN 6 VERTICAL. DOWELS MAY BE GROUTED INTO A CELL IN VERTICAL ALIGNMENT, EVEN THOUGH IT IS IN AN ADJACENT CELL TO THE VERTICAL WALL REINFORCING.
8. VERTICAL BARS SHALL BE SECURED IN PLACE PRIOR TO GROUTING.
9. VERTICAL REINFORCING BARS SHALL HAVE A MINIMUM GROUT COVER OF 1/2 OF AN INCH TO THE INSIDE FACE OF MASONRY UNIT AND A MINIMUM TOTAL MASONRY COVER NOT LESS THAN TWO INCHES.
10. PARALLEL ADJACENT VERTICAL REINFORCING BARS SHALL HAVE A MINIMUM CLEAR DISTANCE NOT LESS THAN 1 1/2 BAR DIAMETERS NOR 1 1/2 INCHES.
11. VERTICAL CELLS THAT WILL BE GROUTED SHALL HAVE A VERTICAL ALIGNMENT TO MAINTAIN A CONTINUOUS UNOBSTRUCTED CELL AREA NOT LESS THAN 3"x4".
12. GROUTING SHALL BE STOPPED 1-1/2" BELOW THE TOP OF A COURSE SO AS TO FORM A KEY AT THE POUR JOINT.
13. GROUTING OF MASONRY BEAMS OVER OPENINGS SHALL BE DONE IN ONE CONTINUOUS OPERATION.
14. ALL BOLTS, ANCHORS, ETC., INSERTED IN THE WALLS, SHALL BE GROUTED SOLID INTO POSITION.
15. REINFORCING BARS SHALL BE LAP SPLICED PER THE SCHEDULE ON SHEET S2.0.

STRUCTURAL STEEL:

1. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING GRADES:

WIDE FLANGE SHAPES	A992 (Fy = 50)
CHANNELS, ANGLES, PLATES, ETC. (UNO)	A36 (Fy = 36)
STRUCTURAL TUBE	A500 (Fy = 46)
STEEL PIPE	A53 (Fy = 35)
ANCHOR RODS	F1554, A36 OR A307
BOLTS	A325
WELDING ELECTRODES	E70XX

2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (2005), EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.
3. THE STEEL STRUCTURE IS A NON-SELF-SUPPORTING STEEL FRAME AND IS DEPENDENT UPON DIAPHRAGM ACTION OF THE METAL ROOF DECK AND ATTACHMENT TO THE MASONRY WALLS FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES. PROVIDE ALL TEMPORARY SUPPORTS REQUIRED FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES UNTIL THESE ELEMENTS ARE COMPLETE AND ARE CAPABLE OF PROVIDING THIS SUPPORT.
4. SPLICING OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS, IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE PROFESSIONAL OF RECORD.
5. UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR 8" MINIMUM ON CONCRETE OR MASONRY. UNLESS NOTED OTHERWISE, ANCHOR BEAMS TO MASONRY WITH TWO (2) 3/4" DIAMETER ANCHOR BOLTS WITH 1'-4" EMBEDMENT.

STEEL JOISTS: (REQUIRED VENDOR)

1. STEEL JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR OPEN WEB STEEL JOISTS, "K-SERIES" (2005) OF THE STEEL JOIST INSTITUTE (SJI).
2. STEEL JOISTS SHALL BE DESIGNED BY THE MANUFACTURER. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN ADEQUACY AND SAFETY OF ALL STEEL JOISTS.
3. UNLESS OTHERWISE NOTED, STEEL JOISTS SHALL BE DESIGNED AS SIMPLY SUPPORTED. UNIFORMLY LOADED TRUSSES WITH THE TOP CHORD BRACED AGAINST LATERAL BUCKLING. THE UNIFORM DESIGN LOAD SHALL BE THE TOTAL SAFE UNIFORM LOAD AS SHOWN IN THE SJI STANDARD LOAD TABLE.
4. WHEN NET UPLIFT FORCES DUE TO WIND ARE SHOWN ON THE DRAWINGS, THE MANUFACTURER SHALL DESIGN THE JOISTS, BRIDGING AND CONNECTIONS TO THE SUPPORTING STRUCTURE FOR THE NET UPLIFT. A SINGLE LINE OF BOTTOM CHORD BRIDGING MUST BE PROVIDED NEAR THE FIRST BOTTOM CHORD PANEL POINTS WHENEVER NET UPLIFT DUE TO WIND FORCES IS SHOWN ON THE DESIGN DRAWINGS.
5. WHEN NONUNIFORM OR CONCENTRATED LOADS ARE SHOWN ON THE DRAWINGS, THE MANUFACTURER SHALL DESIGN THE JOISTS IN ACCORDANCE WITH PARAGRAPH 4.1 OF THE STANDARD SPECIFICATION FOR OPEN WEB STEEL JOISTS, K-SERIES.
6. STEEL JOIST BRIDGING SHALL BE PROVIDED IN ACCORDANCE WITH THE SJI SPECIFICATION. ALL BRIDGING AND BRIDGING ANCHORS SHALL BE PLACED AND STEEL JOIST ENDS FIXED PRIOR TO THE APPLICATION OF ANY LOADS. BRIDGING THAT TERMINATES AT, OR IS INTERRUPTED BY, STRUCTURAL STEEL BEAMS, MASONRY WALLS OR CONCRETE WALLS SHALL BE ATTACHED THERETO. COORDINATE BRIDGING LOCATIONS TO AVOID INTERFERENCE WITH ALL MECHANICAL, ELECTRICAL AND FIRE PROTECTION EQUIPMENT.
7. MINIMUM BEARING REQUIREMENTS, UNLESS NOTED OTHERWISE:
   2-1/2" ON STRUCTURAL STEEL
   4" ON STEEL BEARING PLATES OVER MASONRY OR CONCRETE
8. UNLESS NOTED OTHERWISE, STEEL JOISTS SHALL BE ATTACHED TO SUPPORTING STEEL WORK OR STEEL BEARING PLATES WITH TWO (2) 1/8" FILLET WELDS (ONE EACH SIDE) 2" LONG, OR WITH A 1/2" DIAMETER BOLT.
9. STEEL JOISTS AT COLUMN CENTER LINES SHALL BE BOLTED TO STRUCTURAL STEEL WITH TWO (2) 1/2" DIAMETER BOLTS. WHERE STEEL JOISTS DO NOT SPACE TO COLUMN CENTER LINES, USE BOLTED CONNECTIONS FOR THE STEEL JOIST CLOSEST TO THE CENTER LINE.
10. HOLES IN STEEL JOIST CHORDS WILL NOT BE PERMITTED, EXCEPT FOR BOLTED CONNECTIONS AT THE BEARING END OF THE STEEL JOIST.
11. ALL ITEMS SUCH AS MECHANICAL EQUIPMENT, DUCT WORK, PIPES, CEILING, FIXTURES, ETC. THAT ARE TO BE SUPPORTED OR HUNG FROM THE STEEL JOIST SHALL BE FRAMED WITH AUXILIARY FRAMING TO THE PANEL POINTS OF THE STEEL JOIST. METHODS OF FRAMING THAT INDUCE BENDING TO THE STEEL JOIST CHORDS OR WEB MEMBERS WILL NOT BE PERMITTED.
12. REPAIR OR REPLACE ALL DAMAGED STEEL JOISTS.
13. STEEL JOISTS LOCATED NEAREST TO COLUMN CENTERLINES SHALL HAVE BOTTOM CHORD EXTENSIONS INSTALLED PER OSHA REQUIREMENTS.
14. ALL JOISTS IN BAYS 40 FEET OR LONGER SHALL HAVE THE ENDS CONNECTED TO THE SUPPORTING STEEL STRUCTURE WITH ERECTION BOLTS PER OSHA REQUIREMENTS.

STEEL JOIST GIRDERS: (REQUIRED VENDOR)

1. STEEL JOIST GIRDERS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR JOIST GIRDERS (2005) OF THE STEEL JOIST INSTITUTE (SJI).
2. STEEL JOIST GIRDERS SHALL BE DESIGNED BY THE MANUFACTURER. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN, ADEQUACY AND SAFETY OF ALL STEEL JOIST GIRDERS.
3. EXCEPT WHERE ADDITIONAL DESIGN LOADS ARE SHOWN ON THE STRUCTURAL DRAWINGS, STEEL JOIST GIRDERS SHALL BE DESIGNED AS SIMPLY SUPPORTED MEMBERS WITH ALL LOADS EQUAL IN MAGNITUDE AND EVENLY SPACED ALONG JOIST GIRDER TOP CHORD.
4. ADDITIONAL DESIGN LOADS FROM ROOF TOP EQUIPMENT OR OTHER CONCENTRATED LOADS SHOWN ON THE DRAWINGS SHALL BE CONSIDERED AS COLLATERAL LOADS. THESE LOADS SHALL BE CONSIDERED IN THE DESIGN OF THE STEEL JOIST GIRDERS. REFER TO THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND WEIGHT OF EQUIPMENT. WHERE SUCH LOADS DO NOT OCCUR AT THE PANEL POINTS OF THE STEEL JOIST GIRDER, AUXILIARY FRAMING SHALL BE ADDED OR THE TOP CHORD SHALL BE DESIGNED FOR THE EFFECTS OF THE LOAD.
5. STEEL JOIST GIRDERS SHALL BE DESIGNED TO SUPPORT THE DESIGN ROOF LIVE OR SNOW LOAD WITHOUT EXCEEDING A DEFLECTION OF L/240.
6. WHEN NET UPLIFT FORCES DUE TO WIND ARE SHOWN ON THE DRAWINGS, THE MANUFACTURER SHALL DESIGN THE STEEL JOIST GIRDERS AND CONNECTIONS TO THE SUPPORTING STRUCTURE FOR THE NET UPLIFT.
7. STEEL JOIST GIRDERS SHALL BE PROPORTIONED SUCH THAT THEY CAN BE ERECTED WITHOUT BRIDGING.
8. MINIMUM BEARING REQUIREMENT, UNLESS NOTED OTHERWISE:
   4" ON STRUCTURAL STEEL
   6" ON STEEL BEARING PLATES OVER MASONRY OR CONCRETE
9. UNLESS NOTED OTHERWISE, STEEL JOIST GIRDERS SHALL BE ATTACHED TO SUPPORTING STEEL WORK OR STEEL BEARING PLATES WITH TWO (2) 1/4" FILLET WELDS (ONE EACH SIDE), 2" LONG OR TWO (2) 3/4" DIAMETER BOLTS.
10. STEEL JOIST GIRDERS AT COLUMN CENTERLINES SHALL BE BOLTED TO STRUCTURAL STEEL WITH TWO (2) 3/4" DIAMETER BOLTS.
11. NO OTHER LOADS SHALL BE PLACED ON THE STEEL JOIST GIRDER UNTIL THE STEEL JOISTS BEARING ON THIS GIRDER ARE IN PLACE AND ATTACHED THERETO.
12. REPAIR OR REPLACE ALL DAMAGED STEEL JOIST GIRDERS.

METAL ROOF DECK: (REQUIRED VENDOR)

1. METAL ROOF DECK SHALL COMPLY WITH THE REQUIREMENTS OF THE STEEL DECK INSTITUTE STANDARDS FOR STEEL ROOF DECK (2006).
2. METAL ROOF DECK SHALL BE CONFIGURATION, DEPTH AND MINIMUM GAGE AS SHOWN ON THE DRAWINGS. ATTACHMENT TO THE SUPPORTING STRUCTURE SHALL BE AS SHOWN ON THE DRAWINGS AS A MINIMUM. SEE ROOF FRAMING PLAN NOTES.
3. DO NOT HANG OR SUPPORT ANY LOADS FROM METAL ROOF DECK.
4. METAL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS.

SPECIAL INSPECTIONS:

1. THE OWNER WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE THE REQUIRED SPECIAL INSPECTIONS DURING CONSTRUCTION.
2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
3. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
   A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE OR WAIVE ANY OF THE REQUIREMENTS OF THE DOCUMENTS.
   B. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE PROFESSIONAL-OF-RECORD, AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, SUBMIT A COMPLETE LIST OF ALL OUTSTANDING DISCREPANCIES ON A WEEKLY BASIS TO THE OWNER, THE BUILDING OFFICIAL, AND THE PROFESSIONAL-OF-RECORD, UNTIL ALL CORRECTIONS HAVE BEEN COMPLETED.
   C. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE BUILDING CODE.
4. WHERE SPECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMENTS OF OTHER SPECIFIED TESTING, DUPLICATE INSPECTIONS SHALL NOT BE REQUIRED.
5. STRUCTURAL OBSERVATION (AS DEFINED IN CHAPTER 17 OF THE BUILDING CODE) IS NOT REQUIRED, UNLESS SPECIFICALLY REQUIRED BY THE BUILDING OFFICIAL.
6. SPECIAL INSPECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING TABLES:

SOILS (IBC 1704.7)

VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	PERIODIC	GEOTECHNICAL ENGINEERING REPORT
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	PERIODIC	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	PERIODIC	
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	CONTINUOUS	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	PERIODIC	

CONCRETE CONSTRUCTION (IBC1704.4)

VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD
1. INSPECTION OF REINFORCING STEEL AND PLACEMENT	PERIODIC	IBC1913.4; ACI 318: 3.5, 7.1-7.7
2. INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE.	CONTINUOUS	IBC1911.5, 1912.1; ACI 318: 8.1.3, 21.2.8
3. INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE.	PERIODIC	IBC1912.1; ACI 318: 3.8.6, 8.1.3, 21.2.8
4. VERIFYING USE OF REQUIRED DESIGN MIX	PERIODIC	IBC:1904.2.2, 1913.2, 1913.3; ACI 318: Ch. 4, 5.2-5.4
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	CONTINUOUS	IBC1913.10; ASTM C172; ASTM C31; ACI 318: 5.6, 5.8
6. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	CONTINUOUS	IBC:1913.6, 1913.7, 1913.8; ACI 318: 5.9, 5.10
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	IBC1913.9; ACI 318: 5.11-5.13
8. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	ACI 318: 6.1.1

MASONRY CONSTRUCTION (TMS 402 LEVEL B)

VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD	
		TMS 402/ACI 530/ASCE 5	TMS 602/ACI 530.1/ASCE 6
1. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	PERIODIC		ART. 1.5
2. VERIFICATION OF f'm PRIOR TO CONSTRUCTION	PERIODIC		ART. 1.4B
3. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:			
a. PROPORTIONS OF SITE-PREPARED MORTAR.	PERIODIC		ART. 2.6A
b. CONSTRUCTION OF MORTAR JOINTS.	PERIODIC		ART. 3.3B
c. LOCATION OF REINFORCEMENT AND CONNECTORS.	PERIODIC		ART. 3.4, 3.6A
4. DURING CONSTRUCTION THE INSPECTION PROGRAM SHALL VERIFY:			
a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	PERIODIC		ART. 3.3F
b. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.	PERIODIC	SEC. 1.2.2(e), 1.16.1	
c. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT AND ANCHOR BOLTS.	PERIODIC	SEC. 1.15	ART. 2.4, 3.4
d. WELDING OF REINFORCING BARS.	CONTINUOUS	SEC. 2.1.9.7.2, 3.3.3.4(b)	
e. PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F.) OR HOT WEATHER (TEMPERATURE ABOVE 90°F.).	PERIODIC	IBC: 2104.3, 2104.4	ART. 1.8C, 1.8D
5. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:			
a. GROUT SPACE IS CLEAN.	PERIODIC		ART. 3.2D
b. PLACEMENT OF REINFORCEMENT AND CONNECTORS.	PERIODIC	SEC. 1.13	ART. 3.4
c. PROPORTIONS OF SITE-PREPARED GROUT.	PERIODIC		ART. 2.6B
d. CONSTRUCTION OF MORTAR JOINTS.	PERIODIC		ART. 3.3B
6. GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE.	CONTINUOUS		ART. 3.5

STEEL CONSTRUCTION (IBC 1704.3)

VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS:		
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	PERIODIC	AISC 360, SECTION A3.3 AND APPLICABLE ASTM MATERIAL STANDARDS
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	PERIODIC	
2. INSPECTION OF HIGH-STRENGTH BOLTING:		
a. SNUG-TIGHT JOINTS.	PERIODIC	IBC1704.3.3; AISC 360, SECTION M2.5
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:		
a. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.	PERIODIC	AISC 360, SECTION M5.5
b. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	PERIODIC	APPLICABLE ASTM MATERIAL STANDARDS
C. MANUFACTURER'S CERTIFIED TEST REPORTS.	PERIODIC	
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:		
a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS	PERIODIC	AISC 360, SECTION A3.5 AND APPLICABLE AWS AS DOCUMENTS
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	PERIODIC	
TABLE CONTINUED ...		

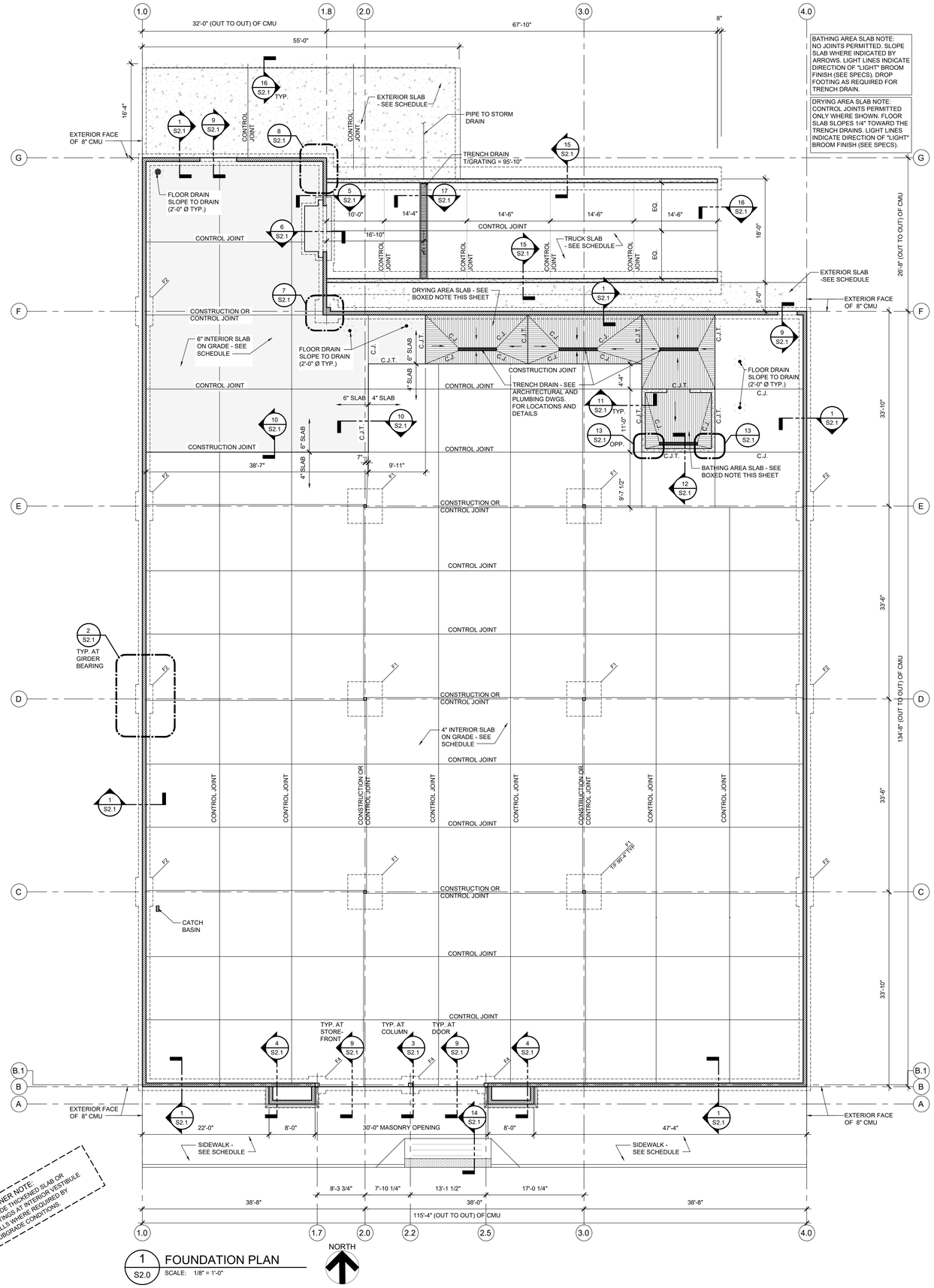
STEEL CONSTRUCTION (IBC 1704.3)

TABLE CONTINUED ...

VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARD
5. INSPECTION OF WELDING:		
a. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:		
1) COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS	CONTINUOUS	IBC1704.3.1; AWS D1.1
2) MULTI-PASS FILLET WELDS	CONTINUOUS	
3) SINGLE-PASS FILLET WELDS > 5/16"	CONTINUOUS	
4) PLUG AND SLOT WELDS.	CONTINUOUS	
5) SINGLE-PASS FILLET WELDS ≤ 5/16"	PERIODIC	
6) FLOOR AND ROOF DECK WELDS	PERIODIC	AWS D1.3
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:	PERIODIC	IBC1704.3.2
a. DETAILS SUCH AS BRACING AND STIFFENING		
b. MEMBER LOCATIONS		
c. APPLICATION OF JOINT DETAILS AT EACH CONNECTION		

INSPECTION OF FABRICATOR(S) (IBC 1704.2)

1. APPLICABLE ELEMENT (FABRICATOR CERTIFICATION REQUIREMENTS):
a. STRUCTURAL STEEL (AISC CERTIFIED FOR CONVENTIONAL STEEL BUILDING)
b. STEEL JOISTS/JOIST GIRDERS (SJI MEMBER)
c. STEEL ROOF DECK (SDI MEMBER)
2. WHEN SPECIAL INSPECTIONS ARE REQUIRED BY BUILDING OFFICIAL:
FABRICATION AND IMPLEMENTATION PROCEDURES: THE SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION, CONTROL OF THE WORKMANSHIP, AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. THE SPECIAL INS



1 S2.0 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

NORTH

DESIGNER NOTE:
PROVIDE THICKENED SLAB OR FOOTINGS AT INTERIOR VESTIBULE WALLS WHERE REQUIRED BY SUBGRADE CONDITIONS.

DESIGNER NOTE:
FOOTING SIZES ARE BASED ON 3,000 PSF ALLOWABLE BEARING PRESSURE. REVISE PER SITE SPECIFIC SOIL CONDITIONS.

FOUNDATION PLAN NOTES

1. SEE SHEET S1.0 FOR STRUCTURAL NOTES AND TYPICAL DETAILS.
2. ALL ELEVATIONS BASED ON FINISH FLOOR ELEVATION OF 100'-0" FOR REFERENCE ONLY. SEE CIVIL FOR ACTUAL FINISH FLOOR ELEVATION.
3. TOP OF FOOTING ELEVATIONS AND BOTTOM OF FOOTING ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR TO CONFORM TO THE CRITERIA LISTED BELOW. STEP FOOTINGS WHERE REQUIRED BY SITE CONDITIONS (SEE "TYPICAL STEPPED FOOTING DETAIL").
4. THE TOP OF EXTERIOR FOOTINGS SHALL BE NO HIGHER THAN THE FOLLOWING:
   A. A MINIMUM OF 8" BELOW FINISH FLOOR
   B. A MINIMUM OF 6" BELOW LOWEST EXTERIOR GRADE (COORDINATE WITH SITE GRADING PLAN)
   C. AT DEPTH REQUIRED TO AVOID INTERFERENCE WITH ANY OTHER CONSTRUCTION (PIPES, DRAINS, CONDUITS, ETC.) SEE "PIPE AT FOUNDATION DETAIL"
   D. AS REQUIRED TO PLACE THE BOTTOM OF FOOTING BELOW FROST DEPTH (SEE GENERAL NOTES)
   E. AS REQUIRED FOR TRENCH DRAIN CLEARANCE (SEE NOTE ON PLAN)
5. LOCATE TOP OF INTERIOR FOOTINGS 8" BELOW FINISH FLOOR UNLESS NOTED OTHERWISE. WHERE PILASTERS ARE USED TO SUPPORT COLUMNS, LOCATE TOP OF PILASTER 8" BELOW FINISH FLOOR UNLESS NOTED OTHERWISE.
6. ALL FOOTINGS SHALL BEAR AT DEPTH NECESSARY TO ACHIEVE THE ALLOWABLE BEARING PRESSURE (AS DETERMINED BY THE GEOTECHNICAL ENGINEER) AND FOR EXTERIOR FOOTINGS, AS REQUIRED TO PLACE THE BOTTOM OF FOOTING BELOW FROST DEPTH (SEE GENERAL NOTES). FOOTING THICKNESS SHOWN IS THE MINIMUM REQUIRED. FOOTINGS MAY BE THICKENED WHERE REQUIRED.
7. WHERE FOOTINGS ARE TO BEAR IN CLOSE PROXIMITY TO EXISTING OR PROPOSED FOOTINGS FOR ADJACENT CONSTRUCTION, COORDINATE WITH ADJACENT CONSTRUCTION SO THAT ALL FOOTINGS BEAR AT THE SAME ELEVATION. ADVISE PROFESSIONAL OF RECORD WHERE BEARING ELEVATION OF ADJACENT CONSTRUCTION DOES NOT PERMIT COMPLIANCE WITH THE SIZES AND DETAILS SHOWN, OR WHEN THE REQUIRED ALLOWABLE BEARING PRESSURE CANNOT BE ACHIEVED (AS DETERMINED BY THE GEOTECHNICAL ENGINEER).

FOOTING SCHEDULE

MARK	SIZE	REINFORCEMENT
F1	6'-0" x 6'-0" x 1'-6"	(7) #5 EACH WAY TOP AND BOTTOM
F2	3'-0" x 5'-0" x 1'-0"	(3) #5 LONG WAY AND (5) #5 SHORT WAY BOTTOM
F3	4'-0"x4'-0"x1'-0"	(4) #5 EACH WAY BOTTOM
F4	3'-6"x3'-6"x1'-0"	(4) #5 EACH WAY BOTTOM

SLAB SCHEDULE

LOCATION	THICKNESS	REINFORCEMENT	SUBBASE
4 " INTERIOR SLAB	4"	NONE	10 MIL VAPOR RETARDER (ASTM D-2103) OVER 4" GRANULAR
6" INTERIOR SLAB	6"	NONE	10 MIL VAPOR RETARDER (ASTM D-2103) OVER 4" GRANULAR
BATHING AREA AND DRYING AREA SLAB	4"	#4 AT 12" OC EACH WAY CENTER OF SLAB	10 MIL VAPOR RETARDER (ASTM D-2103) OVER 4" GRANULAR
TRUCK SLAB	6"	#3 AT 12" OC EACH WAY CENTER OF SLAB	4" GRANULAR
SIDEWALK	4"	NONE	4" GRANULAR
EXTERIOR SLAB	6"	#3 AT 12" OC EACH WAY CENTER OF SLAB	4" GRANULAR

MASONRY REINFORCING SCHEDULE

LOCATION	NOMINAL BLOCK THICKNESS	VERTICAL REINFORCING	BOND BEAM REINFORCING	REMARKS
GRID LINE B	8"	(1) #5 AT 48" OC	SEE NOTE BELOW	
GRID LINE 1.0	8"	(1) #5 AT 48" OC	SEE NOTE BELOW	SEE 2/S2.1 AT GIRDER BEARING
GRID LINE 4.0	8"	(1) #5 AT 48" OC	SEE NOTE BELOW	SEE 2/S2.1 AT GIRDER BEARING
GRID LINE F	8"	(1) #5 AT 48" OC	SEE NOTE BELOW	SEE 7/S2.1 AT GIRDER BEARING
GRID LINE 1.7	8"	(1) #5 AT 16" OC	SEE NOTE BELOW	SEE 7/S2.1 AT GIRDER BEARING
GRID LINE G	8"	(1) #5 AT 48" OC	SEE NOTE BELOW	

NOTES

1. REINFORCING SHOWN IS THE MINIMUM REQUIRED. SEE PLANS, DETAILS, NOTES, AND SPECIFICATIONS FOR ADDITIONAL REINFORCING REQUIRED.
2. LOCATE VERTICAL REINFORCING AT CORNERS, AT EACH SIDE OF OPENINGS, WITHIN 8 INCHES OF EACH SIDE OF MASONRY CONTROL JOINTS AND WITHIN 8 INCHES OF THE END OF WALLS.
3. ALL WALLS SHALL BE REINFORCED WITH HORIZONTAL JOINT REINFORCING AT 16" ON CENTER.
4. WALLS SHALL BE GROUTED AT ALL CELLS CONTAINING HORIZONTAL AND VERTICAL REINFORCING, ALL BOND BEAMS, ALL CELLS BELOW FINISHED FLOOR OR GRADE, ALL CELLS AT PARAPET ABOVE ROOF LINE, ALL CELLS TO RECEIVE ANCHOR BOLTS OR EMBEDDED PLATES, AND ALL OTHER LOCATIONS NOTED ON THE DRAWINGS TO BE GROUTED SOLID.
5. BOND BEAM REINFORCING SHALL BE AS SHOWN IN WALL DETAILS.
6. REFER TO ARCHITECTURAL ELEVATIONS FOR MASONRY CONTROL JOINT LOCATIONS.
7. IF CMU REQUIRES ONLY (1) LAYER OF REINFORCEMENT, CENTER REBAR IN CELL. IF (2) LAYERS ARE REQUIRED, PROVIDE 2" CLEARANCE FROM EACH EXTERIOR FACE OF CMU TO REBAR SURFACE, U.N.O.

MASONRY LAP SPLICE SCHEDULE

NUMBER OF BARS PER CELL	#3 BAR	#4 BAR	#5 BAR	#6 BAR	#7 BAR
1	15"	20"	25"	43"	59"
2	15"	25"	39"	54"	63"

NOTES:

1. VALUES FOR 1 BAR PER CELL ONLY APPLY WHEN REINFORCING IS PLACED IN CENTER OF WALL.
2. VALUES FOR 2 BARS PER CELL APPLY WHEN REINFORCING IS PLACED WITH A MINIMUM OF 1/2" CLEAR BETWEEN REINFORCING AND MASONRY.

NOTE TO CONTRACTOR

CONCRETE SLABS ARE TO BE KEPT CLEAN. THE CONTRACTOR IS RESPONSIBLE FOR A CLEAN CONCRETE FLOOR WHERE EXPOSED. SEE SPECIFICATIONS.

SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR POLISHED CONCRETE SLAB LOCATIONS AND REQUIREMENTS.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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CHECKED BY: XXX
PAGE #: 01 OF: 47
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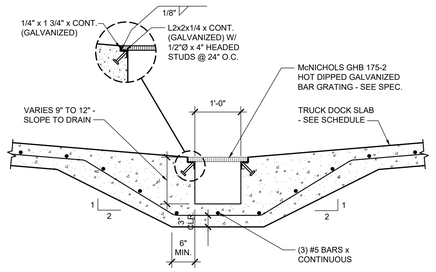
TITLE: FOUNDATION PLAN
SHEET NUMBER: **S2.0**



17 S2.1 TRENCH DRAIN
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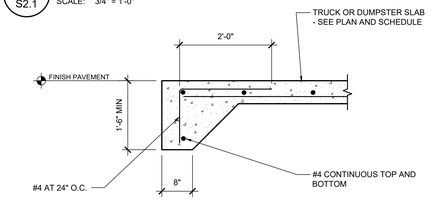

16 S2.1 TURN DOWN SLAB DETAIL
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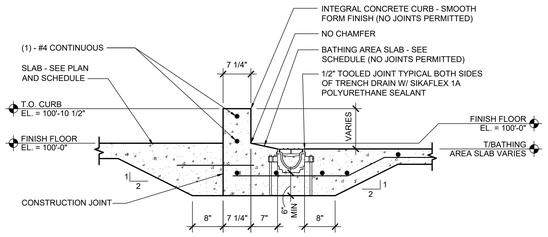

12 S2.1 CURB DETAIL AT TRENCH DRAIN
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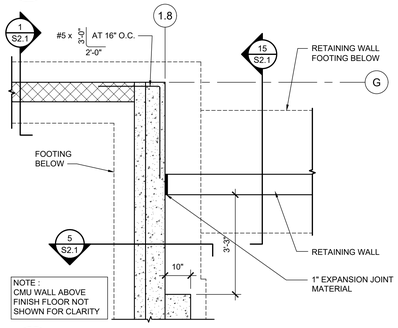

8 S2.1 TRUCK DOCK TRANSITION DETAIL
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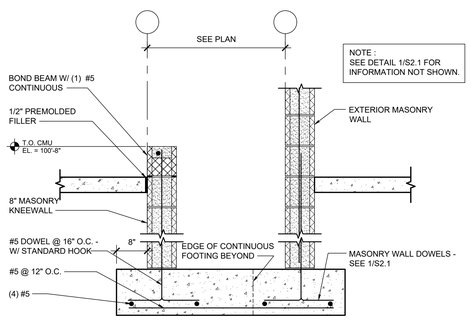

4 S2.1 FOUNDATION DETAIL
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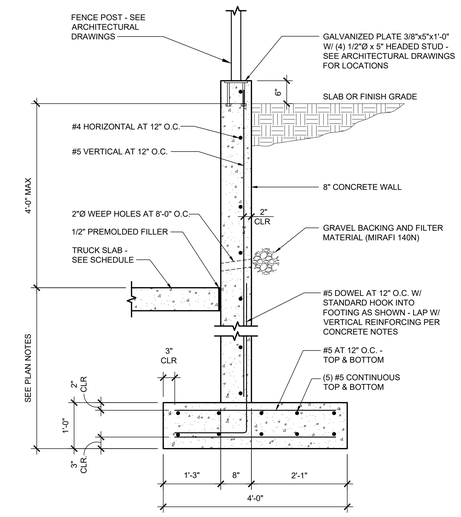

15 S2.1 CONCRETE RETAINING WALL DETAIL
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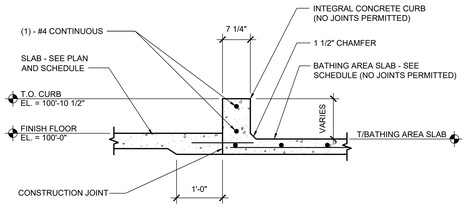

11 S2.1 CURB DETAIL AT BATHING
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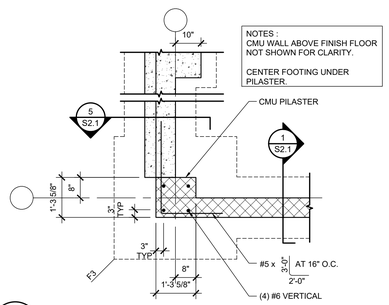

7 S2.1 PLASTER PLAN DETAIL
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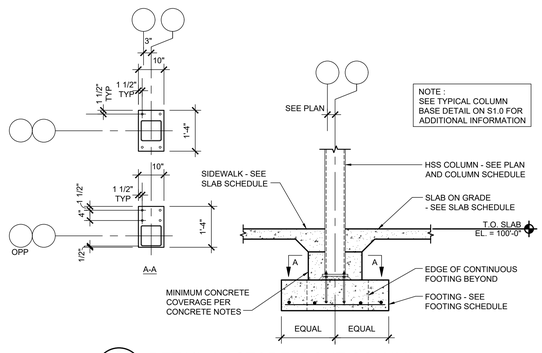

3 S2.1 DETAIL AT STOREFRONT COLUMN
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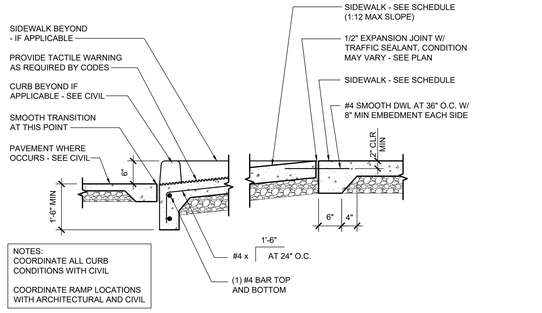

14 S2.1 TYPICAL RAMP SECTION
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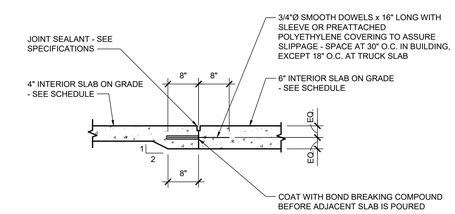

10 S2.1 CONSTRUCTION JOINT AT THICKENED SLAB
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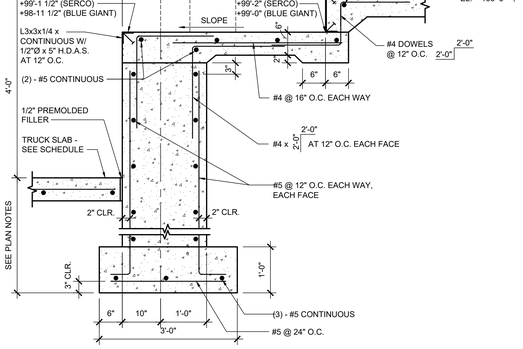

6 S2.1 DOCK OPENING DETAIL
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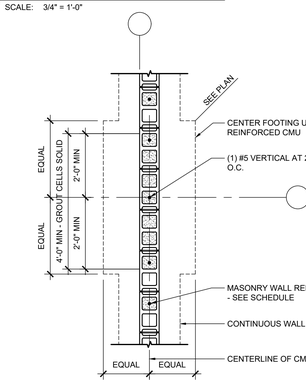

2 S2.1 CMU PLAN AT GIRDERS
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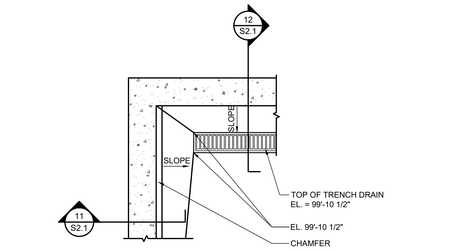

13 S2.1 PLAN AT TRENCH DRAIN
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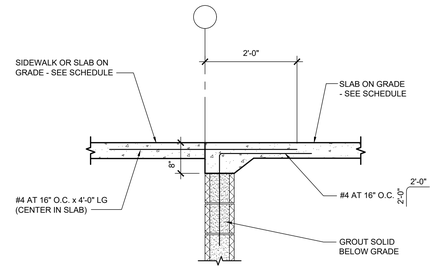

9 S2.1 WALL DETAIL AT DOOR OPENING
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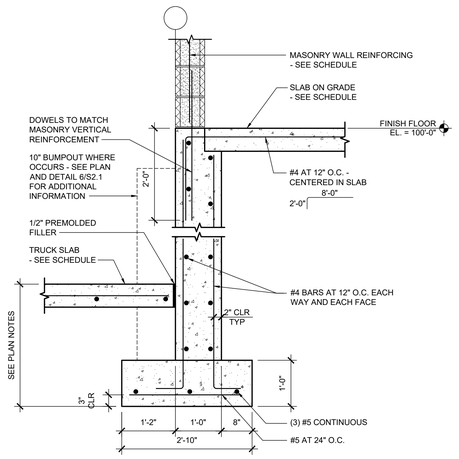

5 S2.1 WALL DETAIL AT TRUCK DOCK
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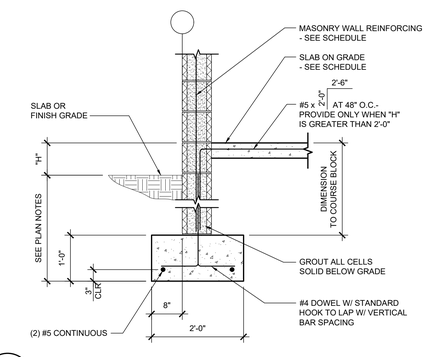

1 S2.1 PERIMETER FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

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1"

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PAGE #:
01 OF: 47

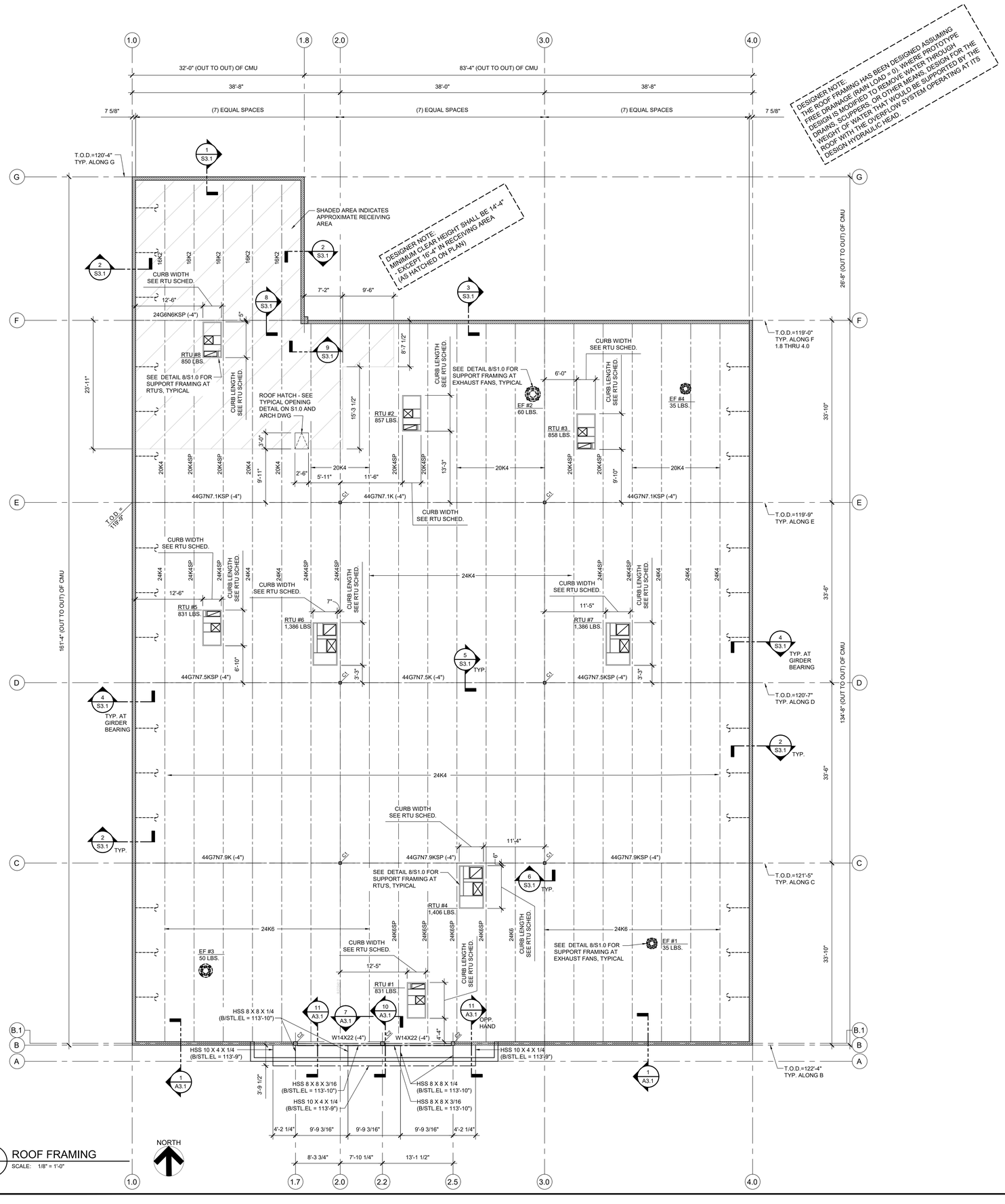
DISCIPLINE:
STRUCTURAL

TITLE:

FOUNDATION DETAILS

SHEET NUMBER:

S2.1



1 S3.0 ROOF FRAMING
SCALE: 1/8" = 1'-0"

ROOF FRAMING NOTES

1. SEE SHEET S1.0 FOR STRUCTURAL NOTES AND TYPICAL DETAILS.
2. T.O.D. = TOP OF DECK. BEAMS AND JOIST GIRDERS REFERENCED ± FROM TOP OF DECK (U.N.O.).
3. METAL ROOF DECK SHALL BE 22 GAGE, 36" WIDE, 1 1/2" DEEP, WIDE RIB ROOF DECK AND SHALL BE CONNECTED TO FRAMING MEMBERS AS FOLLOWS: (DIAPHRAGM SHEAR = 152 PLF)
   A. TO ALL TRANSVERSE SUPPORTS, 5/8" Ø PUDDLE WELDS, 3 PER SHEET.
   B. TO ALL SUPPORTS PARALLEL TO FLUTES, 5/8" Ø PUDDLE WELDS, AT 12" O.C.
   C. SIDE SEAMS, #10 SCREWS (BUILDEX), 2 PER SPAN.
4. STEEL JOISTS IDENTIFIED ON PLAN AS "SP" SHALL BE DESIGNED FOR THE UNIFORM LOAD CAPACITY (AS SPECIFIED IN THE SJI STANDARD LOAD TABLES) IN ADDITION TO THE CONCENTRATED LOADS SHOWN ON THE PLAN. STEEL JOIST GIRDERS IDENTIFIED ON PLAN AS "SP" SHALL BE DESIGNED FOR THE UNIFORM PANEL POINT LOADS SHOWN ON THE DRAWINGS IN ADDITION TO THE CONCENTRATED LOADS SHOWN ON PLAN. ALL ITEMS SUCH AS MECHANICAL EQUIPMENT, DUCT WORK, PIPES, CEILINGS, FIXTURES, ETC. THAT ARE TO BE SUPPORTED OR HUNG FROM THE STEEL JOIST SHALL BE FRAMED WITH AUXILIARY FRAMING TO THE PANEL POINTS OF THE JOIST (SEE TYPICAL JOIST LOAD STRUT - SHEET S1.0). METHODS OF FRAMING THAT INDUCE BENDING TO THE JOIST CHORD OR WEB MEMBERS WILL NOT BE PERMITTED. COORDINATE BRIDGING LOCATIONS SO AS NOT TO INTERFERE WITH ANY MECHANICAL EQUIPMENT.

ROOF DEAD LOADS:

ROOF MEMBRANE AND INSULATION	=	1.0	PSF
METAL DECK	=	2.0	PSF
JOISTS	=	2.0	PSF
GIRDERS	=	2.0	PSF
MECHANICAL/ELECTRICAL/PLUMBING/FIRE PROTECTION	=	2.0	PSF
COLLATERAL	=	7.0	PSF
TOTAL DEAD LOAD	=	16.0	PSF

ROOF LIVE LOADS:

METAL DECK/JOISTS	=	20.0	PSF
JOIST GIRDERS/BEAMS/COLUMNS/FOOTINGS			
TRIBUTARY AREA 0 TO 200 SQ. FT.	=	20.0	PSF
TRIBUTARY AREA 201 TO 600 SQ. FT.	=	20(1.2-0.001At)	PSF
TRIBUTARY AREA OVER 600 SQ. FT.	=	12.0	PSF

FLAT ROOF SNOW LOADS: (INCLUDES RAIN ON SNOW SURCHARGE)

METAL DECK/JOISTS	=	8.5	PSF + DRIFT
JOIST GIRDERS/BEAMS/COLUMNS/FOOTINGS	=	8.5	PSF + DRIFT

UPLIFT DUE TO WIND:

GROSS UPLIFT:

JOIST GIRDERS/BEAMS/COLUMNS/FOOTINGS	=	13.6	PSF
METAL DECK/JOISTS (TYPICAL)	=	16.9	PSF
METAL DECK/JOISTS (WITHIN 10' OF ROOF EDGE)	=	20.1	PSF

NET UPLIFT: (0.6D - 0.6W)

JOIST GIRDERS	=	8.2	PSF
JOISTS (TYPICAL)	=	12.7	PSF
JOISTS (WITHIN 10' OF ROOF EDGE)	=	15.9	PSF

COLUMN SCHEDULE

MARK	SIZE	BASEPLATE	ANCHOR RODS	EMBEDMENT
C1	HSS6x6x1/4	14x14x3/4	(4) 3/4 Ø	12"
C2	HSS8x8x1/4	10x16x3/4*	(4) 3/4 Ø	8"

NOTE: SEE SHEET S1.0 FOR TYPICAL COLUMN BASE DETAIL.

* SEE DETAIL 3/S2.1 FOR BASEPLATE INFORMATION.

RTU SCHEDULE

RTU#	CURB WIDTH	CURB LENGTH	TOTAL WEIGHT (LBS)	RTU JOIST LOAD * (LBS)
1	3'-5 1/2"	6'-7 3/4"	831	300
2	3'-5 1/2"	6'-7 3/4"	857	300
3	3'-5 1/2"	6'-7 3/4"	858	300
4	4'-6 1/4"	7'-11 3/8"	1406	450
5	3'-5 1/2"	6'-7 3/4"	831	300
6	4'-6 1/4"	7'-11 3/8"	1386	450
7	4'-6 1/4"	7'-11 3/8"	1386	450
8	3'-5 1/2"	6'-7 3/4"	850	300

NOTE: VERIFY ALL LOADS, LOCATIONS, CURB SIZES AND OPENING SIZES WITH MECHANICAL CONTRACTOR PRIOR TO FABRICATION. SEE TYPICAL RTU SUPPORT ON S1.0 FOR FRAMING.

* RTU JOIST LOAD: CONCENTRATED JOIST LOADS SHALL BE APPLIED TO EACH SPECIAL JOIST AT THE RTU CURB CORNER LOCATIONS IDENTIFIED ON PLAN.

* * ADD CONCENTRATED LOAD OF 1.5 TIMES THE RTU JOIST LOAD TO EACH JOIST GIRDER AT EACH JOIST SUPPORTING AN RTU IDENTIFIED ON PLAN.

NOTE

ALL JOISTS, JOIST GIRDERS, AND DECKING ARE TO BE PURCHASED THROUGH THE REQUIRED VENDOR. SEE REQUIRED VENDOR LIST ON F2.0.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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PAGE # 01 OF: 47

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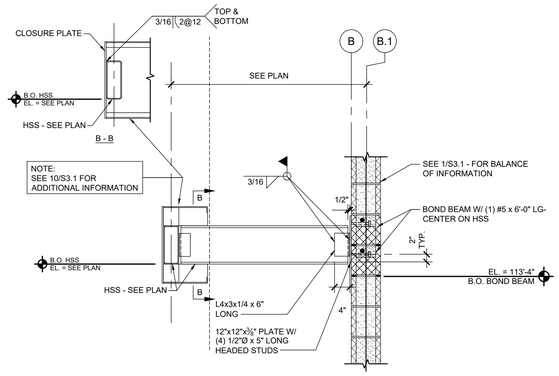
1"

DISCIPLINE: STRUCTURAL

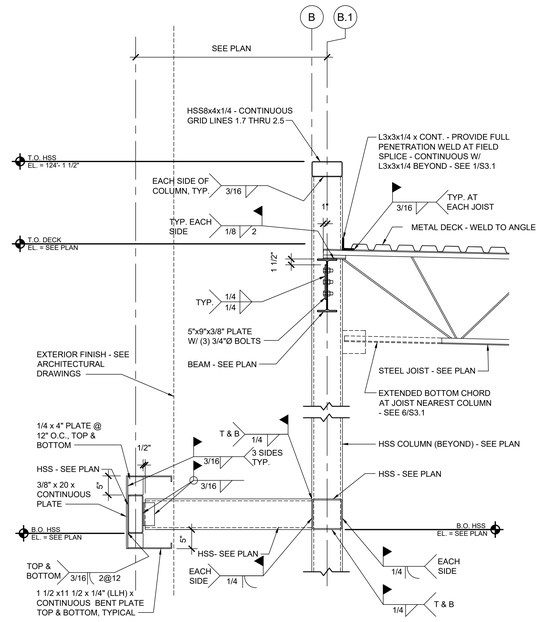
TITLE: ROOF FRAMING PLAN

SHEET NUMBER: **S3.0**



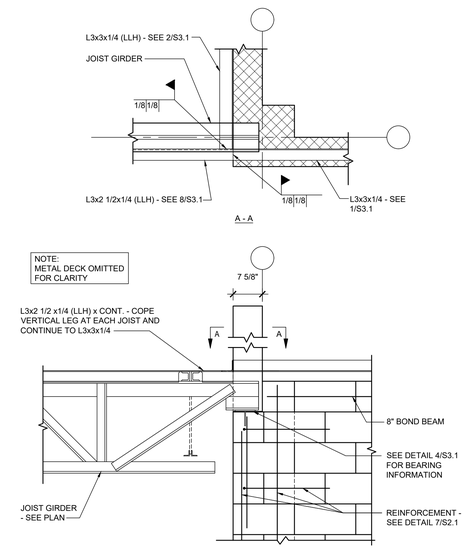
11 S3.1 DETAIL AT FRONT CANOPY

SCALE: 3/4" = 1'-0"



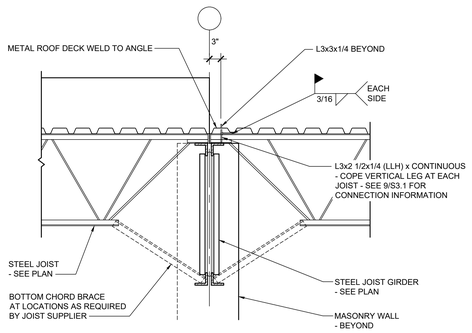
10 S3.1 DETAIL AT FRONT CANOPY

SCALE: 3/4" = 1'-0"



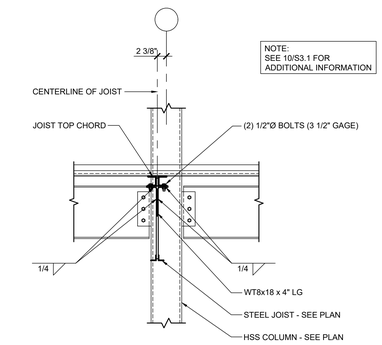
9 S3.1 DRAG STRUT AT RECEIVING

SCALE: 3/4" = 1'-0"



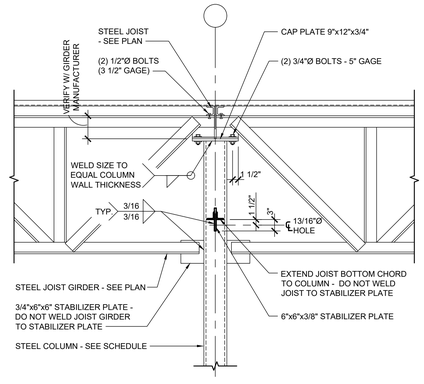
8 S3.1 DRAG STRUT AT RECEIVING

SCALE: 3/4" = 1'-0"



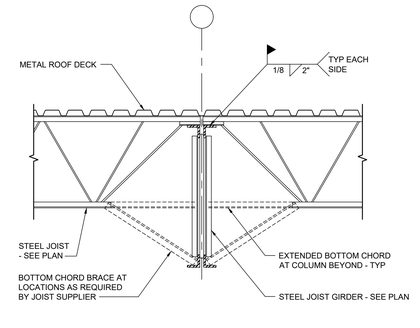
7 S3.1 JOIST BEARING SECTION

SCALE: 3/4" = 1'-0"



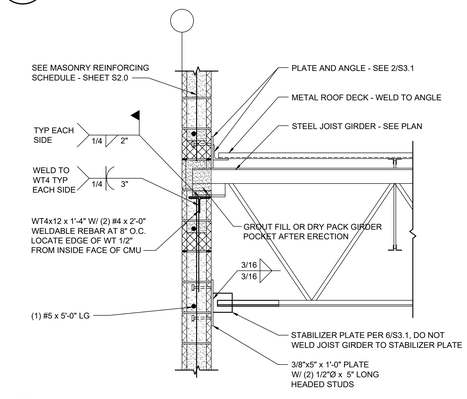
6 S3.1 GIRDER TO COLUMN CONNECTION

SCALE: 3/4" = 1'-0"



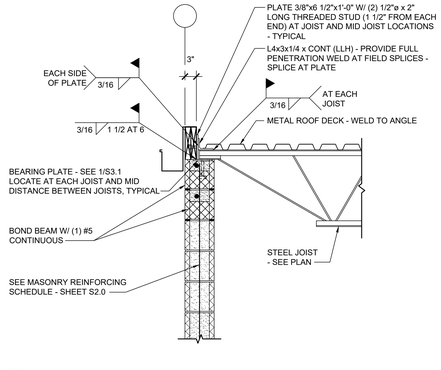
5 S3.1 JOIST BEARING AT GIRDER

SCALE: 3/4" = 1'-0"



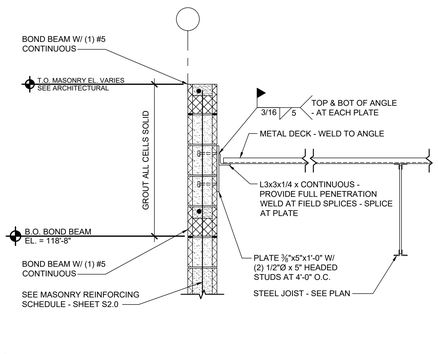
4 S3.1 GIRDER BEARING AT CMU WALL

SCALE: 3/4" = 1'-0"



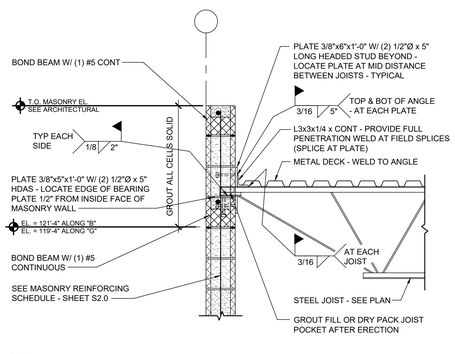
3 S3.1 JOIST BEARING AT GUTTER

SCALE: 3/4" = 1'-0"



2 S3.1 METAL DECK TO CMU WALL

SCALE: 3/4" = 1'-0"



1 S3.1 JOIST BEARING AT PARAPET

SCALE: 3/4" = 1'-0"

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

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PAGE #: 01 OF: 47

DISCIPLINE: STRUCTURAL

TITLE: ROOF FRAMING DETAILS

SHEET NUMBER: **S3.1**

MECHANICAL GENERAL NOTES

A. THIS PROJECT WAS DESIGNED PER THE 2018 INTERNATIONAL MECHANICAL CODE AND ALL APPLICABLE LOCAL AMENDMENTS.

B. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING THE TESTING, ADJUSTMENT AND BALANCING. SEE SHEET F2.0 FOR BALANCING CONTRACTOR'S CONTACT INFORMATION.

C. ONCE POWER IS APPLIED TO THE ROOFTOP HVAC UNITS, AND THE HVAC TECHNICIAN HAS COMPLETED THE RTU STARTUP PROCEDURE, THE ROOFTOP UNITS WILL RUN IN A DEFAULT MODE FROM THE RETURN AIR SENSOR CONTROLLING A 74 DEGREE COOLING SETPOINT AND A 70 DEGREE HEATING SETPOINT WITH AN INTERMITTENT FAN.

D. ALL SUPPLY AND RETURN AIR DUCTWORK SHALL BE ROUND OR RECTANGULAR/SQUARE AS SHOWN AND WHERE SPECIFIED. SUPPLY AND RETURN DUCT DUCT DROPS FROM THE RTU SHALL BE RECTANGULAR, HORIZONTAL SUPPLY AND RETURN TRUNK DUCTS AND BRANCHES CONCEALED ABOVE HUNG CEILINGS MAY BE ROUND. ALL ROUND ELBOWS SHALL BE LONG SWEEP ELBOWS. ALL RECTANGULAR/SQUARE ELBOWS SHALL HAVE TURNING VANES. INSTALL ALL DUCTWORK WITH THE MINIMUM NUMBER OF TURNS AND OFFSETS TO PERMIT MINIMUM STATIC PRESSURE RESISTANCE TO AIRFLOW. DUCTWORK INSTALLED WITH UNNECESSARY TURNS OR OFFSETS WILL BE CORRECTED AT NO COST TO PETSMART.

E. THE CONTRACTOR SHALL INSTALL THE SUPPLY DIFFUSER PACKAGE ON SALES FLOOR RTU'S SO THAT THE TOP OF THE DIFFUSER IS TIGHT TO THE BOTTOM OF THE ROOF STRUCTURE. SEE DETAIL ON SHEET M2.0.

F. DURING BIDDING, THE HVAC SUB CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL OFFICIALS AND DETERMINE IF THE NUMBER AND LOCATION OF SMOKE DETECTORS ARE IN COMPLIANCE WITH LOCAL CODES AND PRACTICES. IF THE NUMBER OR LOCATION OF THE SMOKE DETECTORS ARE NOT IN COMPLIANCE, THE HVAC SUBCONTRACTOR SHALL CONTACT THE TENANT FINISH ARCHITECT / ENGINEER IMMEDIATELY FOR DIRECTION. THE HVAC SUB CONTRACTOR SHALL BE RESPONSIBLE TO INCLUDE IN HIS BASE BID WORK THE COST TO REMOVE, RELOCATE, AND REWIRE THE SMOKE DETECTORS IN THE LOCATIONS AND ARRANGEMENTS ACCEPTABLE TO AND AS REQUIRED BY LOCAL CODES AND OFFICIALS.

G. THE HVAC CONTRACTOR SHALL ENSURE THAT NO SENSOR OR THERMOSTAT IS INSTALLED DIRECTLY IN THE PATH OF ANY SUPPLY AIR GRILLE OR DIFFUSER.

H. SUPPLY AND RETURN DROPS FROM THE RTU SHALL BE INSULATED WITH INTERNAL DUCT LINER PER THE SPECIFICATIONS. HORIZONTAL RECTANGULAR/SQUARE SUPPLY AND RETURN DUCTWORK EXPOSED TO THE CONDITIONED AREA SHALL BE INSULATED WITH INTERNAL DUCT LINER PER THE SPECIFICATIONS. ALL SUPPLY AND RETURN AIR DUCTWORK NOT EXPOSED TO THE CONDITIONED AREA (CONCEALED ABOVE HUNG CEILINGS) SHALL BE INSULATED WITH DUCT WRAP PER THE SPECIFICATIONS.

I. ALL ROOF TOP UNITS ARE SUPPLIED WITH RETURN AIR DUCT SMOKE DETECTORS. PROVIDE REMOTE TEST STATIONS AND COORDINATE INSTALLATION AND WIRING CONNECTIONS WITH THE ELECTRICAL CONTRACTOR AND THE FIRE ALARM CONTRACTOR AS REQUIRED.

J. CONSTRUCTION TRADES MUST USE THE ARCHITECTURAL PLANS FOR WORK INSTALLATION. THIS INCLUDES ALL APPLICABLE DETAILS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

K. REFER TO THE PLUMBING DRAWINGS FOR ALL CONDENSATE DRAIN AND GAS PIPING REQUIREMENTS.

DESIGN CRITERIA

BUILDING ENVELOPE U-FACTORS:
ROOF: 0.03 — INSIDE DESIGN TEMP: SEE CHART ON SHEET M1.0 AT 50% R.H.
WALL: 0.09 — FOR BOTH SUMMER AND WINTER
GLASS: 0.38 (ASSUMED SOUTH FACING FOR PROTOTYPE)
1" INSULATED LOW "E" GLASS IS TYPICAL. USE 1" INSULATED LOW "E" GLASS IN GEOGRAPHICAL LOCATIONS FACING BETWEEN SOUTH AND SOUTHWEST AND NORTHWEST (VERIFY WITH PETSMART).

WEATHER:
PROTOTYPE IS DESIGNED USING INDIANAPOLIS, IN WEATHER CONDITIONS OF THE 2018 ASHRAE WEATHER DATA: 1% COLUMN FOR COOLING, 99% COLUMN FOR HEATING.

HEATING:
INTERNAL LOADS:
GENERAL HEAT GAIN FROM PEOPLE - 250 BTUH SENSIBLE, 200 BTUH LATENT.
GENERAL HEAT GAIN FROM ANIMALS -104.8 / 56.4 SM. DOGS 230.7 / 124.2 LG. DOGS
PEOPLE DENSITY - 1 PERSON PER 100 SQUARE FEET EXCEPT AS LISTED BELOW.
LIGHTS - COUNT PER ELECTRICAL LIGHTING PLAN. VALUES AS PER LIGHT SCHEDULE.
EQUIPMENT - SEE LIST BELOW FOR VALUES USED PER ZONE.
VENTILATION - VALUES LISTED BELOW BASED ON 2018 IMC.

DESIGN CRITERIA

ZONE	PEOPLE	EQUIPMENT	VENTILATION (OUTDOOR AIR)	EXHAUST
SALES	-	3500 WATTS	7.5 / 0.12 PEOPLE / AREA CFM	-
TOILETS	-	-	50 CFM / WATER CLOSET/URINAL	-
ASSOC. RESOURCE	8	2500 WATTS	5.0 / 0.06 PEOPLE / AREA CFM	-
BATHING	4		7.5 / 0.18 PEOPLE / AREA CFM	0.9 CFM/SF
DRYING	4	400 WATTS	7.5 / 0.18 PEOPLE / AREA CFM	0.9 CFM/SF
SALON	8	1250 WATTS	7.5 / 0.18 PEOPLE / AREA CFM	-
OFFICE	1	1200 WATTS	5.0 / 0.06 PEOPLE / AREA CFM	-
VESTIBULE	-	-	0.06 CFM/SF AREA CFM	-
COMPUTER/COPY	2	2000 WATTS	20 CFM / PERSON	350 CFM
VAULT	1	-	5.0 / 0.06 PEOPLE / AREA CFM	-
HALL	-	-	0.06 CFM / SQ. FT	-
RECEIVING (STORAGE)	3	6750 WATTS	0.12 CFM / SQ. FT	-
HOLDING	-	-	7.5 / 0.18 PEOPLE / AREA CFM	0.9 CFM/SF
ISOLATION	-	-	7.5 / 0.18 PEOPLE / AREA CFM	0.9 CFM/SF
FISH EQUIPMENT	-	2500 WATTS	0.12 CFM / SQ.FT	
ADOPTIONS	2	-	7.5 / 0.18 PEOPLE / AREA CFM	0.9 CFM/SF

ANIMALS

LOAD CRITERIA	DOGS	LOAD (SENSIBLE / LATENT) PER DOG
BATHING / DRYING	32	16 SMALL (104.8 / 56.4) 16 LARGE (230.7 / 124.2)
SALON	8	2 SMALL (104.8 / 56.4) 6 LARGE (230.7 / 124.2)
CAT ADOPTION	8	5 (104.8 / 56.4)

THESE VALUES ARE SUBJECT TO REVIEW AND REVISION, AND SHOULD BE MODIFIED AS REQUIRED FOR EACH PROJECT. IT IS THE RESPONSIBILITY OF THE DESIGNER TO CALCULATE THE HEAT GAINS/LOSSES FOR EACH PROJECT AND REVIEW EQUIPMENT SIZES. PET AREAS ARE REQUIRED BY CODE TO VENTILATE 1 CFM/SF.

SPECIFY SEISMIC RESTRAINT SYSTEMS FOR ALL PIPING, DUCTWORK AND EQUIPMENT AS REQUIRED IN ACCORDANCE WITH APPLICABLE CODES.

ROOFTOP UNIT SCHEDULE

MARK	MODEL #	NOMINAL TONS	FAN DATA S.A. CFM	MIN. O.A. CFM	TOTAL S.P.	H.P.	DRIVE KIT	COOLING DATA TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	ENTERING DB / WB	AMBIENT	HEATING DATA GAS HTG. INPUT (MBH)	GAS HTG. OUTPUT (MBH)	ELECTRICAL DATA VOLTAGE / PHASE / Hz	MCA	MOCP	EER / IEER / SEER	HUMIDITROL	WEIGHT (LBS.)	AREA SERVED
RTU-1	LGT072H5EQ1G	6	2150	500	0.76	1.5	MSAV	69.1 / 72.6	50.1 / 53.5	80.0 / 67.0	95.0	81.0 / 108.0	66.0 / 87.0	460 / 3 / 60	15.0	20	12.2 / 17.0 / -	NO	831	OFFICES / VESTIBULE
RTU-2	LGT048H5EB1G	4	1600	400	0.70	1.0	ECM	47.7 / 50.4	34.5 / 37.2	80.0 / 67.0	95.0	53.0 / 65.0	43.0 / 52.0	460 / 3 / 60	13.0	15	12.8 / - / 17.0	YES	857	SALON
RTU-3	LGT060H5EB1G	5	1850	450	0.79	1.5	MSAV	59.7 / 63.8	45.4 / 49.5	80.0 / 67.0	95.0	53.0 / 65.0	43.0 / 52.0	460 / 3 / 60	14.0	15	12.7 / - / 17.0	YES	858	BATHING / DRYING / RESTROOMS
RTU-4	LGT120H5EM1G	10	4000	800	1.06	3.75	ECM	114.1 /121.9	81.2 / 89.0	80.0 / 67.0	95.0	117.0 / 180.0	95.0 / 146.0	460 / 3 / 60	25.0	30	12.1 / 15.5 / -	YES	1406	SALES AREA FRONT FISH / ADOPTIONS / HOLDING
RTU-5	LGT060H5EB1G	5	2150	500	0.68	1.0	ECM	59.7 / 63.8	45.4 / 49.5	80.0 / 67.0	95.0	53.0 / 65.0	43.0 / 52.0	460 / 3 / 60	14.0	15	12.7 / - / 17.0	NO	831	SALES AREA LEFT REAR
RTU-6	LGT120H5EM1G	10	4000	800	1.01	3.75	ECM	114.1 / 121.9	81.2 / 89.0	80.0 / 67.0	95.0	117.0 / 180.0	95.0 / 146.0	460 / 3 / 60	25.0	30	12.1 / 15.5 / -	NO	1386	SALES AREA RIGHT REAR
RTU-7	LGT120H5EM1G	10	4000	800	1.01	3.75	ECM	114.1 / 121.9	81.2 / 89.0	80.0 / 67.0	95.0	117.0 / 180.0	95.0 / 146.0	460 / 3 / 60	25.0	30	12.1 / 15.5 / -	NO	1386	RECEIVING
RTU-8	LGT072H5EQ1G	6	2400	500	0.73	1.5	MSAV	69.2 / 73.2	50.9 / 54.9	80.0 / 67.0	95.0	81.0 / 108.0	66.0 / 87.0	460 / 3 / 60	15.0	20	12.2 / 17.0 / -	NO	850	ADOPTIONS
TOTAL			4,750		-3,950 EXHAUST AIR = +800															

- **EQUIPMENT PROVIDED BY LENNOX NATIONAL ACCOUNTS, NO SUBSTITUTES ALLOWED. CONTACT LENNOX NATIONAL ACCOUNTS FOR PRICING OR SEE SHEET F2.0 FOR ADDITIONAL INFORMATION: JANE GUNTER PHONE: 1-972-497-6869 OR CONTACT ADRIAN SOSA PHONE: 1-949-439-7847, TECHNICAL SUPPORT: 1-800-367-6285, APPLICATION SUPPORT: 1-888-595-4962.**
- ALL RTU'S SHALL BE FURNISHED WITH FACTORY INSTALLED RETURN AIR SMOKE DETECTOR.
- FIELD ADJUST FAN RPM TO PROVIDE AIR QUANTITIES AS SCHEDULED ABOVE.
- LENNOX WILL FURNISH CURBS PLUS DLPD 2010-10/12.5 DIFFUSER ASSEMBLY FOR RTU-4, 6, AND 7 AND CURBS PLUS DLPD 1806-5/6 DIFFUSER ASSEMBLY FOR RTU-8. SEE DETAIL 1/M2.0.
- ALL FANS THAT ARE BELT DRIVEN WILL RECEIVE BELT AUTO-TENSIONER.
- ALL RTU'S TO BE FURNISHED WITH FIELD INSTALLED NON-FUSED DISCONNECT SWITCH.
- ALL RTU'S TO BE FURNISHED WITH FIELD INSTALLED 120V GFCI CONVENIENCE OUTLET, FIELD WIRED.
- ALL RTU'S TO BE FURNISHED WITH FACTORY INSTALLED VARIABLE FREQUENCY DRIVE FOR MSAV BLOWER CONTROL.
- ALL RTU'S TO BE FURNISHED WITH FACTORY INSTALLED DRAIN PAN OVERFLOW SWITCH.
- ALL RTU'S TO BE PROVIDED WITH FACTORY FURNISHED AND FIELD INSTALLED HAIL GUARDS.
- COORDINATE RTU PLACEMENT WITH STRUCTURAL FRAMING.
- ALL RTU'S TO BE INSTALLED WITH FULL SIZE SUPPLY AND RETURN DROPS.
- ALL RTU'S TO BE INSTALLED WITH HYBRID 14" ROOF CURBS.
- ALL RTUS WITH HUMIDITROL SHALL BE SUPPLIED WITH DUAL HUMIDITY/TEMPERATURE SENSOR LENNOX PART NUMBER (21W06).
- ALL RTUS WITHOUT HUMIDITROL SHALL BE SUPPLIED WITH TEMPERATURE SENSOR LENNOX PART NUMBER (94L60).
- ALL RTU'S SHALL BE FURNISHED WITH FACTORY INSTALLED GLOBAL ECONOMIZER AND BAROMETRIC RELIEF.
- ALL RTU'S TO BE PROVIDED WITH LENNOX COASTAL COATING ON EVAPORATOR AND CONDENSING COILS IN AREAS WITHIN 25MILES OF BRACKISH WATER (FRESHWATER/SALT WATER MIX).
- ALL RTU'S TO BE INSTALLED WITH (6) HURRICANE STRAPS. (SEE DETAIL 3/M2.0)

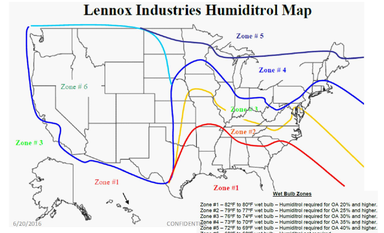
HVAC OPERATING TEMPERATURES

RTU #	STORE AREA	COOLING SETPOINTS 7 AM TO 9 PM	COOLING SETPOINTS 9 PM TO 7 AM	HEATING SETPOINTS 7 AM TO 9 PM	HEATING SETPOINTS 9 PM TO 7 AM
1	OFFICES / VESTIBULE	73°F	78°F	68°F	64°F
2	SALON	73°F	75°F	68°F	64°F
3	BATHING / DRYING / RESTROOMS	73°F	75°F	68°F	64°F
4, 6 & 7	SALES AREA	73°F	78°F	69°F	64°F
5	ADOPTIONS, FISH, HOLDING	73°F	75°F	68°F	64°F
8	STOCK ROOM	73°F	78°F	68°F	64°F

PETSMART HUMIDITROL MAP

Humidtrol

Lennox Industries Humiditrol Map



Zone #1 – 82°F to 80°F wet bulb – Humiditrol required for OA 20% and higher.
Zone #2 – 79°F to 77°F wet bulb – Humiditrol required for OA 25% and higher.
Zone #3 – 76°F to 74°F wet bulb – Humiditrol required for OA 35% and higher.
Zone #4 – 73°F to 71°F wet bulb – Humiditrol required for OA 40% and higher.
Zone #5 – 72°F to 69°F wet bulb – Humiditrol required for OA 40% and higher.
Zone #6 – 68°F to 60°F wet bulb – Humiditrol not required.

HUMIDITY CONTROL

THE SALON (RTU-2), BATHING/DRYING (RTU-3) AND FRONT SALES AREA (RTU-4) ROOFTOP UNITS ARE PROVIDED WITH LENNOX HUMIDITROL DEHUMIDIFICATION SYSTEM. USING THE PRODIGY CONTROL SYSTEM, SET THE RELATIVE HUMIDITY AT 55% AND ENABLE THE HUMIDITROL TO RUN DURING OCCUPIED AND UNOCCUPIED HOURS. CONTACT LENNOX NATIONAL ACCOUNT TECHNICAL SUPPORT AT 1-800-367-6285 FOR ASSISTANCE WITH PROPER SETUP.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL #	FAN DATA CFM	EXT. S.P.	H.P. or KW	DRIVE PKG.	VOLTAGE / PHASE	AREA SERVED	OPERATION
EF-1	CAPTIVEAIRE	DR12HFA	500	0.50"	0.18	DIRECT	120 / 1	ASSOCIATES / COMPUTER/COPY	CONTROLLED BY EMS
EF-2	CAPTIVEAIRE	DR50HFA	1850	0.50"	0.50	DIRECT	120 / 1	BATHING / DRYING	CONTROLLED BY EMS
EF-3	CAPTIVEAIRE	DR50HFA	1300	0.50"	0.50	DIRECT	120 / 1	FISH EQ. / ADOPTIONS / HOLDING	CONTROLLED BY EMS
EF-4	CAPTIVEAIRE	DR12HFA	300	0.50"	0.18	DIRECT	120 / 1	RESTROOMS	CONTROLLED BY EMS

- **ALL CAPTIVEAIRE FANS SHALL BE PART OF THE LENNOX EQUIPMENT PACKAGE.**
- OPTIONS: GRAVITY BACKDRAFT DAMPER (SLEEVE TYPE), BIRD SCREEN, CURB, EC MOTOR WITH POTENTIOMETER DIAL, AND UNIT MOUNTED DISCONNECT SWITCH.
- ROOF MOUNTED FAN PLACEMENT MUST BE AT LEAST 10'-0" FROM RTU OUTSIDE AIR HOOD, 5'-0" MINIMUM FROM PARAPET WALL TALLER THAN 42" ABOVE ROOF, AND 10'-0" MINIMUM FROM ROOF EDGE OR PARAPET LESS THAN 42" ABOVE ROOF.
- ALL FANS TO BE MONITORED BY EMS.

NOTE

TRADE MUST USE ARCHITECTURAL PLANS FOR WORK INSTALLATION. THIS INCLUDES ALL APPLICABLE DETAILS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

AIR DISTRIBUTION DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL #	FACE	STYLE	BORDER TYPE	FINISH	DESCRIPTION
E-1	KRUEGER	6690	24x24	PERFORATED	(F23) LAY-IN	WHITE ENAMEL	STEEL, ROUND NECK. SEE PLAN FOR NECK SIZE.
E-2	KRUEGER	56690	24x24	PERFORATED	(F23) LAY-IN	WHITE ENAMEL	ALUMINUM, ROUND NECK. SEE PLAN FOR NECK SIZE.
E-3	KRUEGER	880	12x6	LOUVERED	(F22) SURFACE MOUNT	FIELD PAINT DOVER GRAY	DUCT MOUNTED, DOUBLE DEFLECTION, OPPOSED BLADE VOLUME DAMPER.
E-4	KRUEGER	S580HZ	24x24	LOUVERED	(F23) LAY-IN	WHITE ENAMEL	ALUMINUM, TOP HINGED FACE WITH KNURLED KNOBS. NO SCREW HOLES. PROVIDE 1" FILTER FRAME. SEE PLAN FOR NECK SIZE.
R-1	KRUEGER	S80P	48x24	PERFORATED	(F23) LAY-IN	WHITE ENAMEL	STEEL, TOP HINGE FACE WITH KNURLED KNOBS. PROVIDE 1" FILTER FRAME. SEE PLAN FOR NECK SIZE.
R-2	KRUEGER	6690	24x24	PERFORATED	(F23) LAY-IN	WHITE ENAMEL	STEEL, ROUND NECK. SEE PLAN FOR NECK SIZE.
R-3	KRUEGER	S80H	SEE PLAN	LOUVERED	(F22) SURFACE MOUNT	WHITE ENAMEL	STEEL, RECTANGULAR NECK. 35 DEG. DEFLECTION.
S-1	KRUEGER	SH	24x24	LOUVERED	(F23) LAY-IN	WHITE ENAMEL	STEEL, ROUND NECK. SEE PLAN FOR NECK SIZE.
S-3	CURBS PLUS	**SALES AREA:** DLPD-2010-10/12.5 **RECEIVING:** DLPD 1806-5/6	30x30 28X28	DRUM LOUVER	DUCT MOUNTED	CUSTOM COLOR TO MATCH COLOR P-1 (SEE A7.0)	4-WAY DRUM DIFFUSER SHALL BE PART OF THE LENNOX EQUIPMENT PACKAGE.
S-4	KRUEGER	880HOBD	SEE PLAN	LOUVERED	(F22) SURFACE MOUNT	FIELD PAINT DOVER GRAY	DUCT MOUNTED, DOUBLE DEFLECTION, OPPOSED BLADE VOLUME DAMPER
S-5	KRUEGER	PTBS	48x6	LINEAR SLOT	(F23) LAY-IN	WHITE ENAMEL	(3) 1" SLOTS, ALUMINUM BLADES, INSULATED PLENUM BOX, CENTER NOTCH (CN) FOR T-BAR
S-6	KRUEGER	SSH	24x24	LOUVERED	(F23) LAY-IN	WHITE ENAMEL	PROVIDE ALUMINUM ACCESSORIES FOR WET AREAS (BATHING AREA, DRYING AREA)
TR-1	KRUEGER	6490	24x24	PERFORATED	(F23) LAY-IN	WHITE ENAMEL	STEEL, SQUARE NECK.
TR-2	KRUEGER	S80H	SEE PLAN	LOUVERED	(F22) SURFACE MOUNT	WHITE ENAMEL	STEEL, SQUARE NECK. 35 DEG. DEFLECTION.

- **AIR DEVICES SHALL BE KRUEGER UNLESS OTHERWISE SPECIFIED IN SCHEDULE. NO SUBSTITUTIONS.**
- ALL AIR DISTRIBUTION DEVICES LOCATED IN BATHING/DRYING AREA SHALL BE ALUMINUM CONSTRUCTION.
- ROUND CONNECTION TO MATCH ROUND DUCT DIMENSION AS SHOWN ON FLOOR PLAN. REFER TO 2/M2.0. MANUFACTURER SUPPLIED TRANSITIONS ARE NOT ACCEPTABLE.
- FOR R-1 GRILLE THE CONTRACTOR IS TO PROVIDE TWO (2) 20"x18" PLEATED FILTERS AND FOUR (4) SETS OF KNURLED KNOBS TAPED TO THE INSIDE OF THE GRILLE. PROVIDE TWO (2) ADDITIONAL FILTERS FOR ATTIC STOCK.
- PROVIDE R-6 RIGID INSULATION BLANKET, WITH VAPOR BARRIER, ON THE BACK OF ALL CEILING MOUNTED AIR DEVICES.
- FOR E-4 THE CONTRACTOR IS TO PROVIDE ONE (1) 22"x22" WASHABLE SYNTHETIC HORSE HAIR POLYESTER FILTER. PROVIDE ONE (1) ADDITIONAL FILTER PER GRILLE FOR ATTIC STOCK AND PROVIDE ONE (1) ADDITIONAL SET OF KNURLED KNOBS TAPED TO THE INSIDE OF THE GRILLE.

PETSMART HAIL GUARD MAP

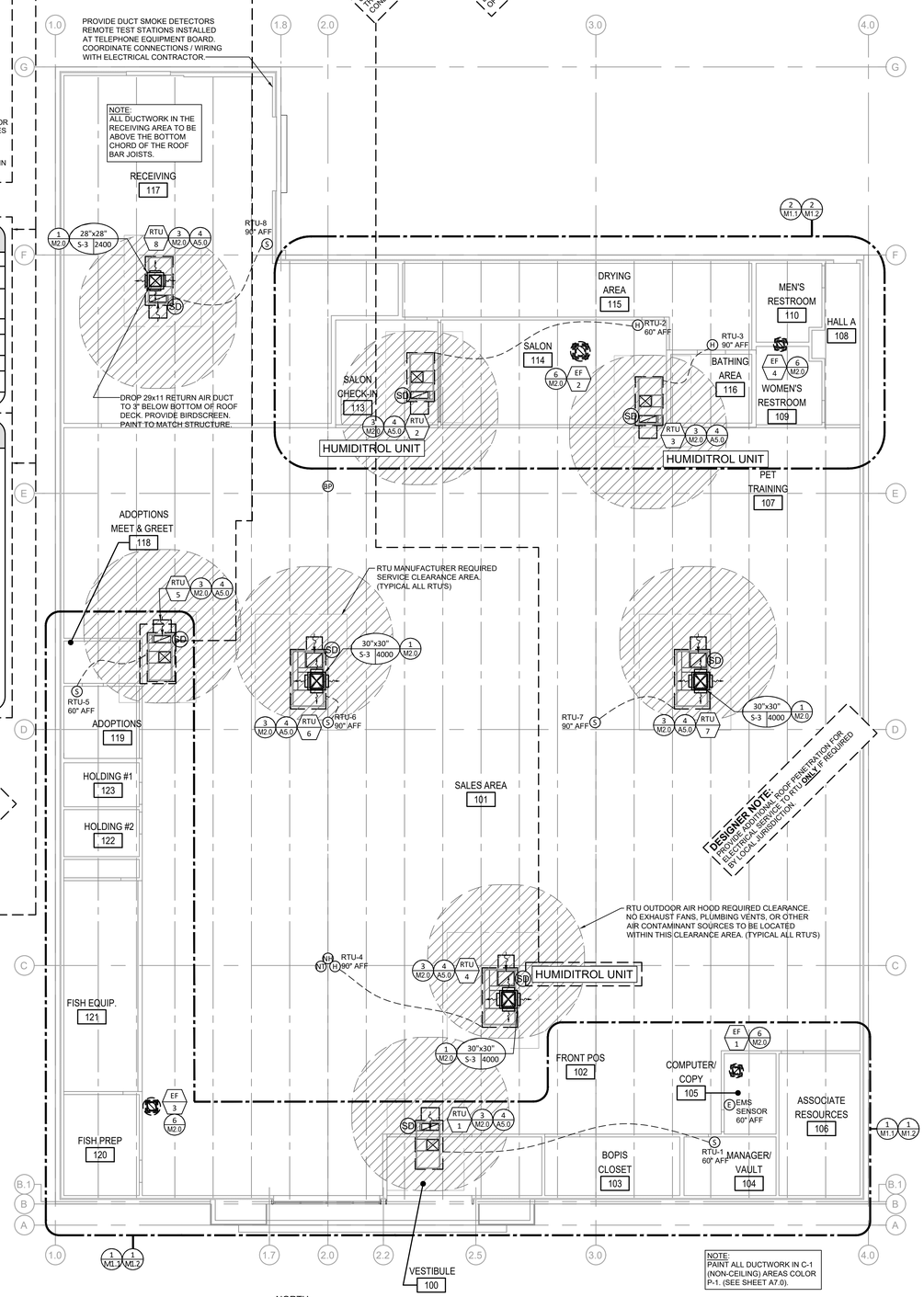
PetSmart Hail Guard Map

MOTORIZED DAMPER SCHEDULE

MARK	MANUFACTURER	MODEL #	CFM MIN.	CFM MAX.	WATTS / VOLTAGE	AREA SERVED	OPERATION
MD-1	APRILAIRE	6608 (8" DIA. DAMPER)	60	125	6W @ 24 VAC	HOLDING ROOM	THERMOSTAT CONTROLLED
MD-2	APRILAIRE	6608 (8" DIA. DAMPER)	60	125	6W @ 24 VAC	HOLDING ROOM	THERMOSTAT CONTROLLED

- **ALL MOTORIZED DAMPERS SHALL BE PART OF THE LENNOX EQUIPMENT PACKAGE.**
- DAMPER SHALL BE DIRECTLY CONNECTED TO THE DIFFUSER NECK.
- FULLY INSULATE DIFFUSER AND DAMPER. SEE DETAIL ON SHEET M2.0.
- SEE WIRING DIAGRAM ON SHEET M2.0 FOR ADDITIONAL INFORMATION ABOUT CONTROLLING DAMPER AND HEATER.
- MECHANICAL CONTRACTOR SHALL PROVIDE A 24VAC TRANSFORMER, DUCT THERMOSTAT WITH TEMPERATURE PROBE AND TWO (2) CONTROL RELAYS FOR EACH DAMPER.

DESIGNER NOTE: REMOVE NOTE IF NOT REQUIRED. REVIEW COST IF INCLUDED.
DESIGNER NOTE: CONFIRM IF HAIL GUARDS ARE NOT REQUIRED.
DESIGNER NOTE: REVIEW IF HAIL GUARDS ARE NOT REQUIRED.
DESIGNER NOTE: UPDATE ON A PROJECT SPECIFIC BASIS.
RTU SCHEDULE DESIGNER NOTES: INSERT INTO THE SCHEDULE THE MODEL NUMBER IN THE SCHEDULE FOR EACH RTU. METHOD OF DESIGNATION MAY BE DIFFERENT DEPENDING ON THE MANUFACTURER. CONFIRM THE CORRECT DESIGNATION FOR THE UNIT SELECTED. CONFIRM TYPE OF HEAT (LG, GAS, ELECTRIC) WITH ENGINEERING DATA FOR THE UNIT SELECTED
INFORMATION SHOWN IN RTU SCHEDULE IS CATALOG SPECIFIC. 100° CONDITIONS ARE SPECIFIC TO ADJUST INFORMATION ACCORDING TO PROJECT SPECIFIC DESIGN CONDITIONS.
IF GLOBAL ECONOMIZERS ARE NOT REQUIRED PER CODE IN SOME HIGH HUMIDITY/COASTAL AREAS, EDIT SCHEDULE TO DELETE ECONOMIZERS. CHANGE NOTES AND COORDINATE WITH LENNOX AND PETSMART CONSTRUCTION MANAGER.
UNITS IN THE SOUTH AND MIDWEST REQUIRE HAIL GUARDS. SEE MAP ON THIS SHEET.
DESIGNER NOTE: CHECK LOCAL CODES FOR SMOKE DETECTOR LOCATION REQUIREMENTS. REVISE SCHEDULE AS REQUIRED.
DESIGNER NOTE: IF A PROJECT DOES NOT HAVE A HUMIDITROL MAP SHALL BE INCORPORATED INTO THE DRAWING SET. REVIEW DETAILS, NOTES AND OTHER APPROPRIATE INFORMATION AS REQUIRED TO COMPLY WITH SEISMIC REQUIREMENTS AND/OR SPECIAL INSPECTIONS.
DESIGNER NOTE: SNOW LOAD IN HIGH SNOW LOAD AREAS.
DESIGNER NOTE: IF PROJECT IS IN A HUMIDITROL MAP AREA CONSIDER USING LENNOX RTU'S THAT HAVE THE HOT GAS REHEAT OPTION TO BE EQUIPPED. SEE SCHEDULE NOTES. POSSIBLE HUMIDITROL ALTERNATE. RTU-7). CONSULT WITH HUMIDITROL PRIOR TO MAKING FINAL SELECTION. IF MORE ARE REQUIRED, REVISE SCHEDULE NOTES ACCORDINGLY.
DESIGNER NOTE: DESIGNED TO USE HUMIDITROL MAP AND CONSULT WITH LENNOX REP IN AREA TO DETERMINE IF SALES AREA IS TO BE EQUIPPED WITH HUMIDITROL. SPECIFY HUMIDITROL ON RTU'S AND PROVIDE SENSOR. REVISE NOTES AS REQUIRED. IF NOT REQUIRED, EDIT SCHEDULE AND NOTES AS REQUIRED.
DESIGNER NOTE: DESIGNED TO USE HUMIDITROL MAP TO DETERMINE WHEN TO SPECIFY HAIL GUARDS. AFTER THE ROOFTOP UNITS ARE SELECTED, CONFIRM IF THE GUARDS ARE NEEDED EDIT SCHEDULE IF THEY ARE NOT REQUIRED.
DESIGNER NOTE: REMOVE NOTE IF NOT REQUIRED. REVIEW COST IF INCLUDED.
DESIGNER NOTE: REMOVE NOTE IF NOT REQUIRED. REVIEW COST IF INCLUDED.
DESIGNER NOTE: REMOVE NOTE IF NOT REQUIRED. ALWAYS BE EQUIPPED WITH HUMIDITROL. OTHER UNITS ON SALES FLOOR SHALL BE EVALUATED PER CONDITIONS. MAP AND METER BUILT ZONE
DESIGNER NOTE: WHEN ADJACENT TENANT ROOF TOP UNITS ARE LOCATED ON THE SAME ROOF AS PETSMART RTU'S WE MAY ADDITIONAL EQUIPMENT AND GREET SPACE.
DESIGNER NOTE: REMOVE NOTE IF NOT REQUIRED. REVIEW COST IF INCLUDED. DESIGN CRITERIA - INSIDE DESIGN TEMP. 2018 INTERNATIONAL MECHANICAL CODE
DESIGNER NOTE: REMOVE NOTE IF NOT REQUIRED. REVIEW COST IF INCLUDED. DESIGN CRITERIA - REMOVE FROM DRAWINGS PRIOR TO ISSUING.



1 / M1.0 MECHANICAL FLOOR PLAN
SCALE: 1/8" = 1'-0"
NORTH

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
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THIS DRAWING IS NOT TO BE SCALED.

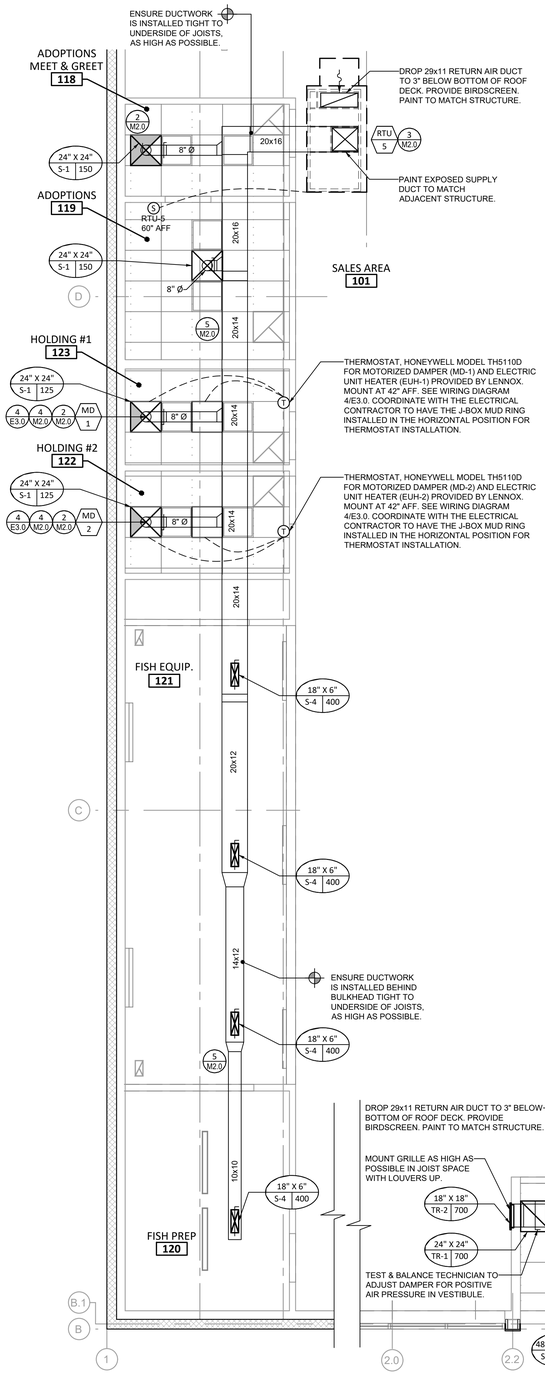
ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET
ORIGINAL SCALE: AS INDICATED
DRAWN BY: XXX
CHECKED BY: XXX
PAGE # 01 OF: 47
IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE 1"
DISCIPLINE: MECHANICAL

TITLE:
MECHANICAL FLOOR PLAN

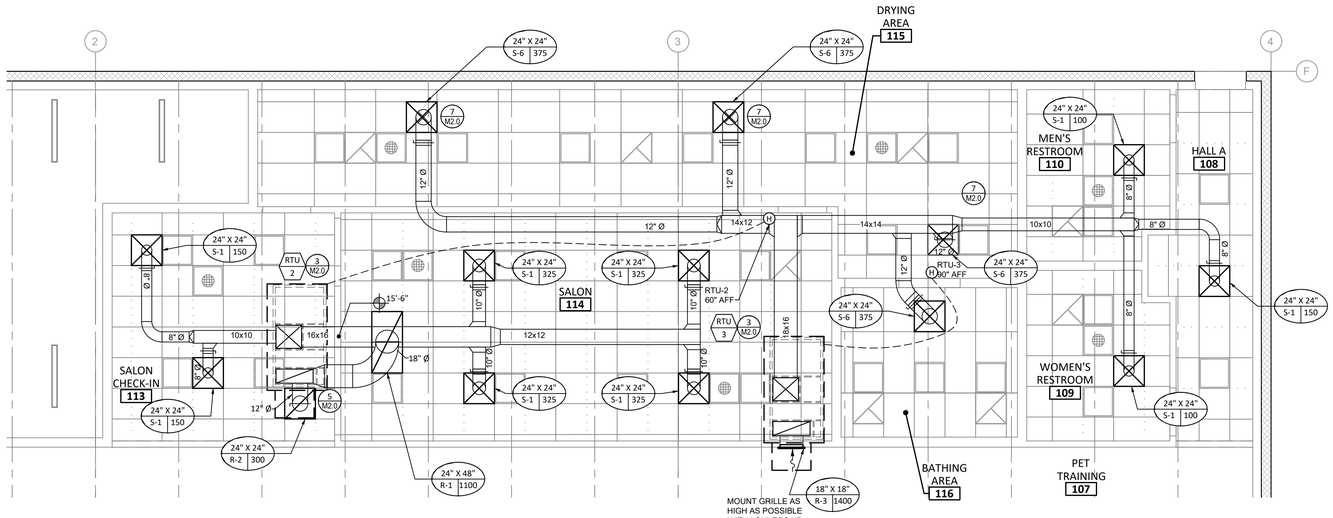
SHEET NUMBER:
M1.0



1 M1.1 ENLARGED MECHANICAL FISH EQUIP./ ADOPTIONS/ HOLDING & OFFICE HVAC PLAN

SCALE: 1/4" = 1'-0"

NORTH



2 M1.1 ENLARGED MECHANICAL SALON / BATHING / RESTROOMS HVAC PLAN

SCALE: 1/4" = 1'-0"

NORTH

NOTES TYPICAL FOR ALL DUCTWORK

A. EXPOSED SUPPLY/RETURN DUCTWORK SHALL BE INTERNALLY LINED (NO DUCT WRAP INSULATION FOR EXPOSED DUCTWORK).

B. ALL CONCEALED SUPPLY AIR DUCTWORK (ABOVE T-BAR CEILINGS) IS TO BE THERMALLY INSULATED, INCLUDING FLEXIBLE SPIRAL DUCTING.

C. ALL VERTICAL SUPPLY AIR DUCTWORK DROPS FROM THE ROOF TOP UNITS SHALL HAVE A SMOOTH RADIUS BEND TRANSITION TO THE HORIZONTAL DISTRIBUTION.

D. ALL VOLUME DAMPERS FOR AIR DEVICES SHALL BE INSTALLED TO BE ACCESSIBLE FOR BALANCING. LOCATE WITHIN 24" OF CEILING.

E. VOLUME DAMPERS SHALL HAVE 1" STAND-OFFS FOR INSULATION THICKNESS.

F. ALL VOLUME DAMPERS MUST HAVE FLUORESCENT TAPE FLAGGING TO IDENTIFY LOCATIONS FOR BALANCER.

G. **ALL EQUIPMENT, WATER LINES, CEILING GRID, HVAC DUCTWORK, ROOF LEADER PIPING, CONDUITS, LIGHTING FIXTURES, AND FIRE SPRINKLER LINES MUST BE SUSPENDED FROM THE JOISTS ONLY. DO NOT LAY ALONG THE BOTTOM CHORD OF JOISTS OR SUSPEND FROM THE ROOF DECK.**

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

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THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

DRAWN BY: XXX

CHECKED BY: XXX

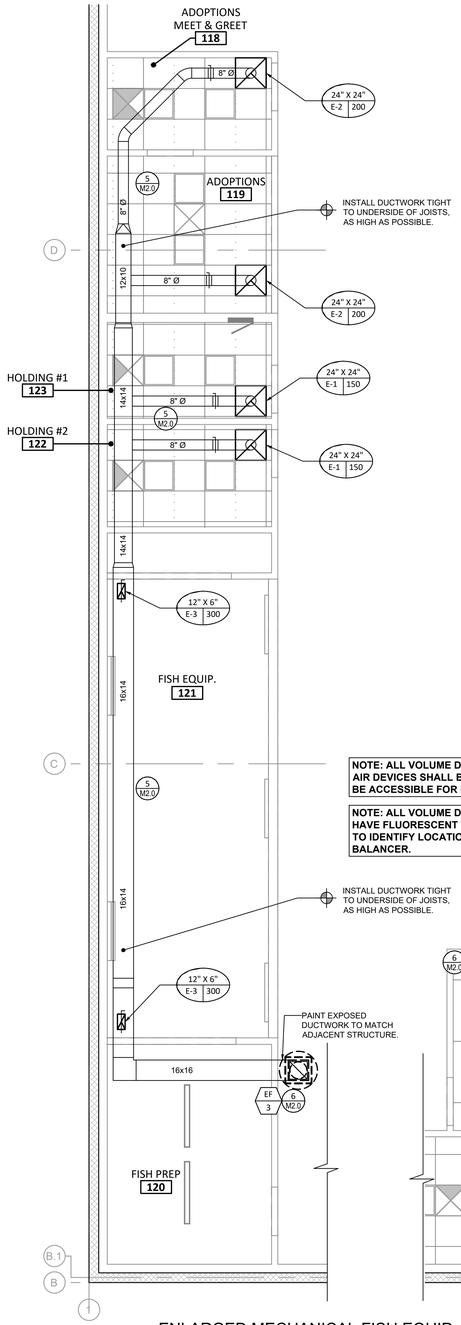
PAGE #: 01 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE — 1"

DISCIPLINE: MECHANICAL

TITLE: ENLARGED SUPPLY FLOOR PLANS

SHEET NUMBER: **M1.1**

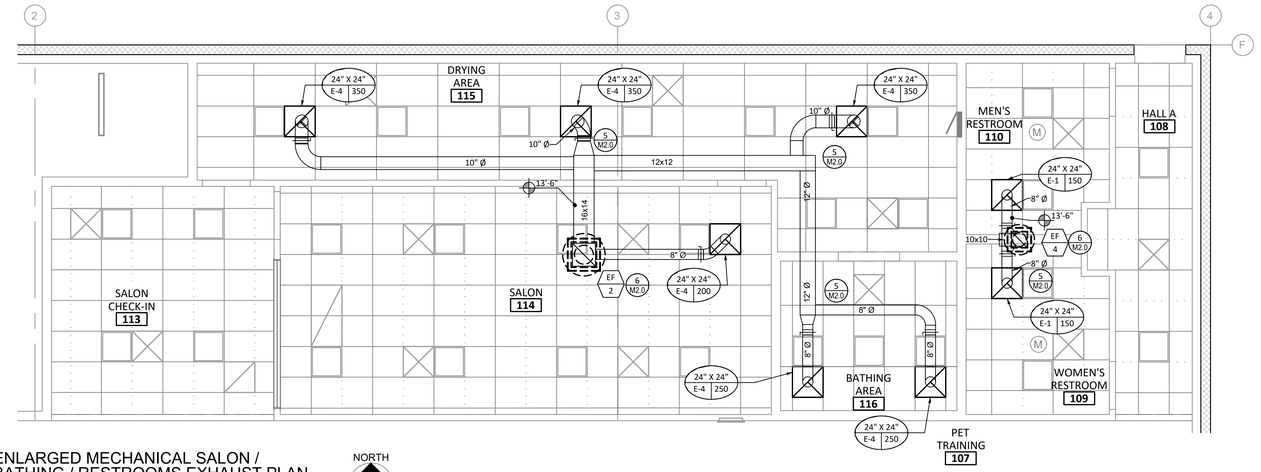


1 M1.2 ENLARGED MECHANICAL FISH EQUIP. / ADOPTIONS / HOLDING & OFFICE EXHAUST PLAN

SCALE: 1/4" = 1'-0"

NORTH

DESIGNER NOTE:
ADJUST OUTDOOR AIR CALCULATION TO MATCH SQFT OF EACH PROJECT



2 M1.2 ENLARGED MECHANICAL SALON / BATHING / RESTROOMS EXHAUST PLAN

SCALE: 1/4" = 1'-0"

NORTH

DESIGNER NOTE:
1. EXHAUST FAN AIR DEVICE MUST BE LOCATED ABOVE THE VENDING MACHINES (NOMINAL LOCATION WITH THE FIXTURE PLAN

DESIGNER NOTE:
MAINTAIN AT LEAST 100 CFM POSITIVE BUILDING PRESSURE

RTU-1	
SYSTEM VENTILATION EFFICIENCY (Ev)	1.0
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	8
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	113
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	113

RTU-2	
SYSTEM VENTILATION EFFICIENCY (Ev)	0.9
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	9
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	219
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	243

RTU-3	
SYSTEM VENTILATION EFFICIENCY (Ev)	1.0
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	8
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	204
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	204

RTU-4	
SYSTEM VENTILATION EFFICIENCY (Ev)	1.0
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	44
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	680
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	680

RTU-5	
SYSTEM VENTILATION EFFICIENCY (Ev)	0.9
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	10
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	222
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	247

RTU-6	
SYSTEM VENTILATION EFFICIENCY (Ev)	1.0
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	44
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	679
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	679

RTU-7	
SYSTEM VENTILATION EFFICIENCY (Ev)	1.0
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	44
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	681
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	681

RTU-8	
SYSTEM VENTILATION EFFICIENCY (Ev)	1.0
SYSTEM OCCUPANT DIVERSITY (D)	1.0
SYSTEM POPULATION (Ps)	0
SYSTEM UNCORRECTED OUTSIDE AIR INTAKE (Vou)	217
REQUIRED MINIMUM SYSTEM OUTSIDE AIR INTAKE FLOW (Vot)	217

BUILDING AIR BALANCE CALCULATIONS

TOTAL MIN. OA PROVIDED (RTU1- THRU RTU-8)	4750 CFM
TOTAL EXHAUST (EF-1 THRU EF-4)	3950 CFM
POSITIVE BUILDING PRESSURE CFM	800 CFM

OUTDOOR VENTILATION AIR CALCULATIONS

SPACE	AREA SQ. FT. (Az)	DEFAULT OCCUPANT DENSITY # / 1000 SQ. FT.	# OF PEOPLE (URINAL OR WC FOR RESTROOMS) (Pz)	OCCUPANCY CLASSIFICATION (TABLE 403.3)	REQUIRED CFM PER SQ. FT. (Ra)	REQUIRED CFM PER PERSON / URINAL / WC (Rp)	REQUIRED BREATHING ZONE OUTDOOR AIR FLOW (Vbz)	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIR FLOW (Voz)	ZONE PRIMARY OUTDOOR AIR FRACTION (Zp)	ZONE SUPPLY AIR FLOW (Vpz)	SYSTEM(S) PROVIDING OUTDOOR AIR (UNIT MARK)
ADOPTIONS	120	10	2	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	37	1.0	37	0.24	150	RTU-5 AND EF-3
ADOPTIONS - MEET & GREET	70	10	1	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	20	1.0	20	0.13	150	RTU-5 AND EF-3
ASSOCIATE RESOURCES	246	5	2	OFFICES (OFFICE SPACES)	0.06	5	25	1.0	25	0.03	900	RTU-1 AND EF-1
BATHING	113	10	1	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	28	1.0	28	0.07	375	RTU-3 AND EF-2
COMPUTER / COPY	83	5	1	OFFICES (OFFICE SPACES)	0.06	5	10	1.0	10	0.02	450	RTU-1 AND EF-1
DRYING	454	10	5	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	119	1.0	119	0.11	1127	RTU-3 AND EF-2
FISH EQUIPMENT/PREP	444	10	5	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	117	1.0	117	0.08	1450	RTU-5 AND EF-3
HALL A	128	N/A	N/A	PUBLIC SPACES (CORRIDORS)	0.06	N/A	8	1.0	8	0.04	200	RTU-3
HOLDING ROOM #1	83	10	1	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	22	1.0	22	0.18	125	RTU-5 AND EF-3
HOLDING ROOM #2	81	10	1	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	22	1.0	22	0.18	125	RTU-5 AND EF-3
BOPIS CLOSET	141	5	2	OFFICES (OFFICE SPACES)	0.06	5	18	1.0	18	0.09	200	RTU-1
MEN'S RESTROOM	75	N/A	2	PUBLIC SPACES (TOILET ROOMS)	N/A	150 (EXH.)*	N/A	N/A	N/A	N/A	100	RTU-3 AND EF-4
MANAGER / OFFICE	95	5	1	OFFICES (OFFICE SPACES)	0.06	5	11	1.0	11	0.04	250	RTU-1
P.O.S.	200	15	3	RETAIL STORES, SALES FLOORS, AND SHOWROOM FLOORS (SALES AREA)	0.12	7.5	46	1.0	46	0.07	700	RTU-1
RECEIVING	1745	N/A	N/A	RETAIL STORES, SALES FLOORS, AND SHOWROOM FLOORS (SHIPPING AND RECEIVING)	0.12	N/A	209	1.0	209	0.09	2400	RTU-8
SALES FRONT	3520	15	44	RETAIL STORES, SALES FLOORS, AND SHOWROOM FLOORS (SALES AREA)	0.12	7.5	752	1.0	752	0.19	4000	RTU-4
SALES LEFT REAR	3510	15	44	RETAIL STORES, SALES FLOORS, AND SHOWROOM FLOORS (SALES AREA)	0.12	7.5	751	1.0	751	0.19	4000	RTU-6
SALES RIGHT REAR	3510	15	44	RETAIL STORES, SALES FLOORS, AND SHOWROOM FLOORS (SALES AREA)	0.12	7.5	751	1.0	751	0.19	4000	RTU-7
SALON	520	10	5	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	131	1.0	131	0.09	1400	RTU-2 AND EF-2
SALON CHECK-IN	317	10	4	SPECIALTY SHOPS (PET SHOPS - ANIMAL AREAS)	0.18	7.5	87	1.0	87	0.25	350	RTU-2
VESTIBULE	160	N/A	N/A	PUBLIC SPACES (CORRIDORS)	0.06	N/A	10	1.0	10	0.01	900	RTU-1
WOMEN'S RESTROOM	75	N/A	2	PUBLIC SPACES (TOILET ROOMS)	N/A	150 (EXH.)*	N/A	N/A	N/A	N/A	100	RTU-3 AND EF-4
TOTAL AREA	15690.0	* = REQUIRED MINIMUM EXHAUST AIR IS 140 CFM PER TABLE 403.3, 150 CFM EXHAUST AIR IS PROVIDED										

FORMULAS / VALUES USED:

Az = GROSS SPACE AREA
Pz = DEFAULT OCCUPANT DENSITY PER 1000 S.F. (TABLE 403.3) x Az / 1000
Ra = VALUE FROM TABLE 403.3
Rp = VALUE FROM TABLE 403.3
Vbz = RpPz + RaAz
Ez = VALUE FROM TABLE 403.3.1.2
Voz = Vbz / Ez
Zp = Voz / Vpz
Vpz = VALUE FROM PLAN
Ev = VALUE FROM TABLE 403.3.2.3.2
D = Ps / the sum of all zones Pz
Ps = SYSTEM POPULATION
Vou = D x the sum of all zones RpPz + the sum of all zones RaAz
Vot = Vou / Ev

OUTSIDE AIR PROVIDED
RTU-1 = 500 CFM
RTU-2 = 400 CFM
RTU-3 = 450 CFM
RTU-4 = 800 CFM
RTU-5 = 500 CFM
RTU-6 = 900 CFM
RTU-7 = 800 CFM
RTU-8 = 500 CFM
TOTAL = 4750 CFM

NOTE: CALCULATION OF THE REQUIRED MINIMUM OUTDOOR VENTILATION AIR QUANTITY IS PER 2018 INTERNATIONAL MECHANICAL CODE, SECTION 403.

NOTES TYPICAL FOR ALL DUCTWORK

A. ALL VOLUME DAMPERS FOR AIR DEVICES SHALL BE INSTALLED TO BE ACCESSIBLE FOR BALANCING.

B. ALL VOLUME DAMPERS MUST HAVE FLUORESCENT TAPE FLAGGING TO IDENTIFY LOCATIONS FOR BALANCER.

C. **ALL EQUIPMENT, WATER LINES, CEILING GRID, HVAC DUCTWORK, ROOF LEADER PIPING, CONDUITS, LIGHTING FIXTURES, AND FIRE SPRINKLER LINES MUST BE SUSPENDED FROM THE JOISTS ONLY. DO NOT LAY ALONG THE BOTTOM CHORD OF JOISTS OR SUSPEND FROM THE ROOF DECK.**

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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ORIGINAL SCALE:
AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

1"

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XXX

PAGE #: 01 OF: 47

DISCIPLINE:
MECHANICAL

TITLE:

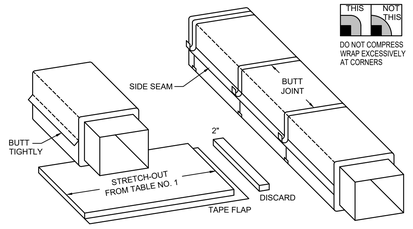
ENLARGED EXHAUST FLOOR PLANS

SHEET NUMBER:

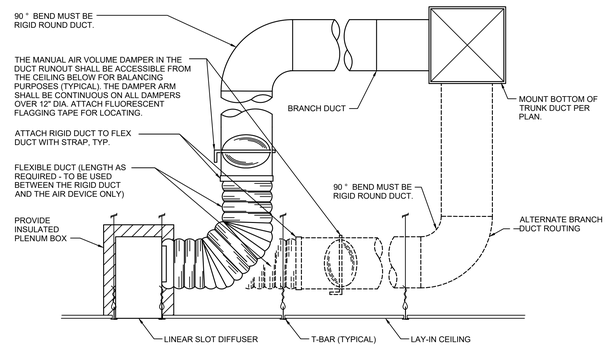
M1.2

MECHANICAL SYMBOLS LEGEND

ITEM	ABBR.	DESCRIPTION
	-	RECTANGULAR DUCT
	-	ROUND DUCT
	-	45 ° TAP - USE AT BRANCH DUCTS ONLY
	-	CURVED (LONG SWEEP) DUCT ELBOW MINIMUM RADIUS R=1.5 x WIDTH
	-	90 ° RECTANGULAR DUCT ELBOW WITH SINGLE RADIUS TURNING VANES
FD	FD	FIRE DAMPER - COMBO FIRE / SMOKE DAMPER
OBD	OBD	BALANCING DAMPER (USE O.B.D. UNLESS NOTED OTHERWISE)
SD	-	SPIN-IN DUCT TAKE-OFF W/ DAMPER
	SA	SUPPLY AIR DUCT
	EXH	EXHAUST AIR DUCT
	RA	RETURN AIR DUCT
T	TSTAT	THERMOSTAT
S	RTS	REMOTE TEMPERATURE SENSOR
H	HS	REMOTE HUMIDITY/TEMPERATURE SENSOR
NH	NH	NEXREV EMS HUMIDITY SENSOR
NT	NT	NEXREV EMS TEMPERATURE SENSOR
BP	BP	BUILDING PRESSURE SENSOR
SD	SD	DUCT MOUNTED SMOKE DETECTOR
OED	-	OPEN-ENDED DUCT
	-	1-WAY THROW SUPPLY AIR DIFFUSER
	-	2-WAY THROW SUPPLY AIR DIFFUSER
	-	2-WAY THROW SUPPLY AIR DIFFUSER
	-	3-WAY THROW SUPPLY AIR DIFFUSER
	-	4-WAY THROW SUPPLY AIR DIFFUSER
	-	RETURN AIR GRILLE
	-	EXHAUST GRILLE
AIR DEVICE DESIGNATION	-	AIR DEVICE FACE SIZE / AIR DEVICE CFM
	-	MECHANICAL/PLUMBING EQUIPMENT DESIGNATION / MARK (DESIGNATION FOR SPECIFICATION OR MARK FOR SCHEDULE ON DRAWING)
XX'-X"	-	SPOT ELEVATION, MEASURED FROM BOTTOM OF DUCT



8 M2.0 DUCT INSULATION WRAP DETAIL
SCALE: N.T.S.



7 M2.0 CEILING LINEAR DIFFUSER CONNECTION
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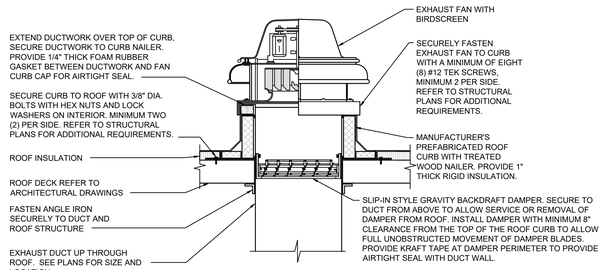
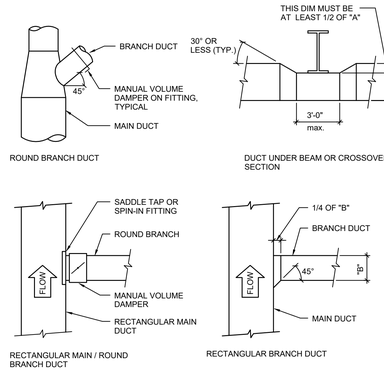
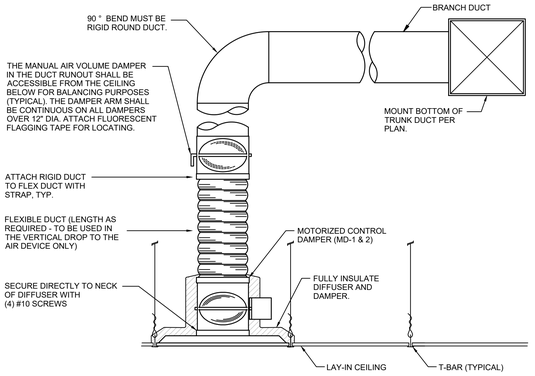


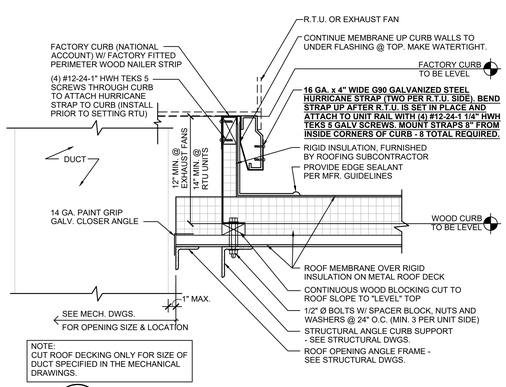
6 M2.0 ROOF MOUNTED EXHAUST FAN
SCALE: N.T.S.



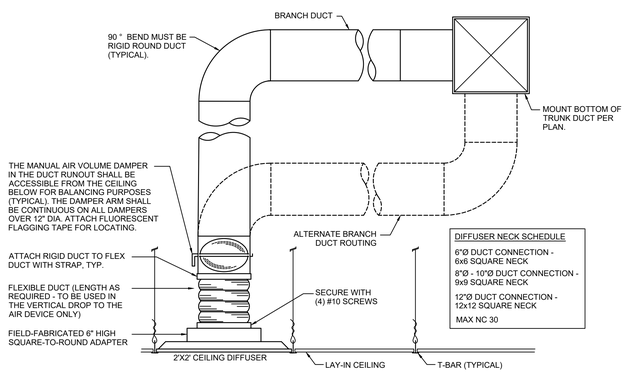
5 M2.0 TYPICAL DUCT CONNECTIONS
SCALE: N.T.S.



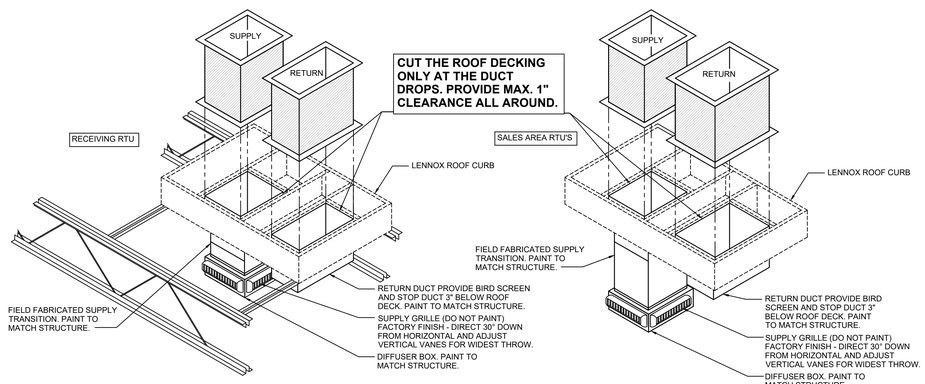
4 M2.0 MOTOR DAMPER CONNECTION
SCALE: N.T.S.



3 M2.0 RTU CURB DETAIL
SCALE: N.T.S.



2 M2.0 CEILING DIFFUSER CONNECTION
SCALE: N.T.S.



NOTES:
1. **CURBS PLUS FOUR WAY DRUM LOUVER SUPPLY DIFFUSER SUPPLIED BY LENNOX WITH UNIT. SEE "AIR DISTRIBUTION DEVICE SCHEDULE" FOR CLARIFICATION. THE MECHANICAL CONTRACTOR SHALL FIELD FABRICATE THE SUPPLY AND RETURN DUCT DROPS AND THE SUPPLY DUCT TRANSITION TO THE FOUR WAY DRUM LOUVER SUPPLY DIFFUSER. IN THE SALES AREA THE SUPPLY DIFFUSER BOX SHALL BE INSTALLED TIGHT TO THE BOTTOM OF THE ROOF STRUCTURE. IN THE RECEIVING AREA THE SUPPLY DIFFUSER SHALL BE INSTALLED WITH THE BOTTOM OF THE SUPPLY DIFFUSER BOX ABOVE THE BOTTOM CHORD OF THE ROOF JOISTS.**
2. **THE BOTTOM OF THE DIFFUSER BOX SHALL BE MOUNTED ABOVE THE BOTTOM CHORD OF THE ADJACENT ROOF BAR JOISTS IN THE RECEIVING AREA. IN THE SALES AREA MOUNT THE TOP OF THE DIFFUSER BOX FLUSH WITH THE BOTTOM OF THE ADJACENT ROOF JOISTS.**

1 M2.0 SALES / RECEIVING SUPPLY DIFFUSER
SCALE: N.T.S.

TENANT:
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TITLE:
MECHANICAL DETAILS AND SYMBOLS

SHEET NUMBER:
M2.0

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	LOCATION	MANUFACTURER	MODEL #	CONNECTION CW	CONNECTION HW	CONNECTION TRAP	CONNECTION WASTE	CONNECTION VENT	CONNECTION GAL.	PLUMBING FIXTURE SPECIFICATION
DBP-1	DOMESTIC WATER BOOSTER PUMP	RECEIVING	TOWLE WHITNEY	TW1000-20W-40	1-1/2"	-	-	-	-	-	FLOOR MOUNT ADJACENT TO THE RPZ BACKFLOW PREVENTER ASSEMBLY WHERE SHOWN. BOOSTER PUMP ASSEMBLY PIPING CONNECTIONS TO THE 1-1/2" DOMESTIC WATER RISER SHALL INCLUDE A 1-1/2" QUARTER TURN BALL VALVE BY-PASS. ASSEMBLY SHALL OPERATE AT 480V/3 PHASE AND SHALL BE A FACTORY ASSEMBLED, WIRED, AND TESTED PACKAGE PRESSURE BOOSTING SYSTEM. THE BOOSTER SYSTEM SHALL BE A FLAG FRAME MOUNTED PACKAGE CONSISTING OF PUMP, ELECTRICAL CONTROL PANEL, VARIABLE FREQUENCY DRIVE WITH TRANSDUCER, A PRE-PIPED 5 GALLON HYDRO-PNEUMATIC STORAGE TANK, PRESSURE GAUGE, RELIEF AND CHECK VALVES, TANK TEE, BRASS NIPPLE AND COPPER FITTINGS. THE SYSTEM SHALL BE SHIPPED WITH ALL COMPONENTS, SOME ASSEMBLY MAY BE REQUIRED. FOLLOW THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER ASSEMBLY. THE SYSTEM SHALL BE UL AND NSF61 LISTED. THE PUMP SHALL BE SIZED FOR 30 GPM WITH A 30 PSI BOOST. ELECTRICAL DESIGN IS BASED ON A SINGLE 3/4 HP PUMP. COORDINATE WITH THE ELECTRICAL CONTRACTOR IF PUMP HORSEPOWER IS DIFFERENT. PUMP PRESSURE TO BE SET AT 60 PSI.
EWC-1	ELECTRIC WATER COOLER	HALL A	OASIS	PG8ACSL-U	1/2"	-	1-1/4"	2"	1-1/2"	-	TWO STATION WALL MOUNT WATER COOLER, ADA, FRONT ONLY EASY TOUCH CONTROL HIGH UNIT ON LEFT.
ET-1	EXPANSION TANK	RECEIVING	AMTROL	ST-25V	3/4"	--	-	-	-	-	WALL MOUNTED THERMAL EXPANSION TANK. INSTALL PER MANUFACTURER'S INSTRUCTIONS. FOR TWO TANK WATER HEATER SYSTEM.
FD-1	FLOOR DRAIN	RECEIVING, RESTROOMS	ZURN	ZN415B-3NH-P	-	-	3"	3"	1-1/2"	-	CAST IRON BODY WITH 3" NO-HUB BOTTOM OUTLET, COMBINATION CLAMP AND COLLAR WITH SEEPAGE SLOTS, 5" DIA. ADJUSTABLE NICKEL BRONZE STRAINER AND 1/2" TRAP PRIMER CONNECTION. PROVIDE WITH DEEP SEAL P-TRAP.
FD-2	FLOOR DRAIN	RECEIVING	ZURN	Z505-4NH-HP-P-VP	-	-	4"	4"	2"	-	CAST IRON BODY WITH 4" NO-HUB BOTTOM OUTLET, 12" DIA. CAST IRON TOP, SEEPAGE PAN AND COMBINATION MEMBRANE FLASHING CLAMP AND FRAME FOR HEAVY DUTY DEEP FLANGE SLOTTED GRATE, HEEL-PROOF GRATE, 1/2" TRAP PRIMER CONNECTION AND VANDAL-PROOF SECURED TOP. PROVIDE WITH DEEP SEAL P-TRAP.
HB-1	HOSE BIBB	EXTERIOR OF BUILDING	ZURN	Z1321	3/4"	-	-	-	-	-	EXPOSED ECOLOTROL "ANTI-SIPHON" AUTOMATIC DRAINING WALL HYDRANT WITH INTEGRAL BACKFLOW PREVENTER, COPPER CASING, ALL BRONZE INTERIOR PARTS WITH 1/2 TURN CERAMIC DISC CARTRIDGE AND COMBINATION 3/4" FEMALE SOLDER AND 3/4" MALE PIPE THREAD INLET, STAINLESS STEEL FACE WITH OPERATING KEY LOCK. ALL SOLDER CONNECTIONS ARE LEAD FREE.
HT-1	HAIR INTERCEPTOR	BATHING AREA	J.R. SMITH	8790	-	-	-	4"	-	-	HAIR INTERCEPTOR WITH YOKE TYPE COVER, TO BE INSTALLED IN MINIMUM 12X16 VAULT WITH NON-SLIP FLOOR FASTENED COVER.
L-1	LAVATORY	MEN'S/WOMEN'S RESTROOMS	KOHLER	K-2032 GREENWICH	-	-	-	2"	1-1/2"	-	20"x18" WALL MOUNT ADA COMPLIANT VITREOUS CHINA LAVATORY WITH FRONT OVERFLOW AND FAUCET HOLES ON 4" CENTERS. PROVIDE ZURN Z1231-EZ BACK-TO-BACK FLOOR MOUNTED IN-WALL FIXTURE CARRIER TO SUPPORT BOTH L-1 FIXTURES WITH ONE CARRIER.
LF-1	LAVATORY FAUCET	MEN'S/WOMEN'S RESTROOMS	ZURN	Z744-XL SIERRA	1/2"	1/2"					PROVIDE WITH LEAD-FREE POLISHED CHROME PLATED BRASS CENTERSET SINGLE CONTROL LEVER FAUCET W/ INTEGRAL SPOUT, CERAMIC DISC CARTRIDGE, AND 0.5 GPM VANDAL-RESISTANT SPRAY OUTLET.
LTW-1	LAVATORY TRAP WRAP	MEN'S/WOMEN'S RESTROOMS	TRUEBRO	LAV GUARD KIT #102							
MPS-1	MULTIPURPOSE SINK	HOLDING #1 HOLDING #2 FISH PREP	MUSTEE	15F UTILATUB	-	-	1-1/2"	1-1/2"	1-1/2"	-	SINGLE COMPARTMENT 19 GALLON SINK ONE-PIECE MOLDED CONSTRUCTION. ACCOMODATES DUEL HANDLE FAUCET WITH 4" CENTER, HEAVY GAUGE STEEL LEGS WITH BUILT-IN LEVELERS. SECURE LEGS TO FLOOR.
MPSF-1	MULTIPURPOSE SINK FAUCET	HOLDING #1 HOLDING #2 FISH PREP	ZURN	Z-812M4	1/2"	1/2"					PROVIDE FAUCET WITH INTEGRAL VACUUM BREAKER, 3/4" THREADED OUTLET, PAIL HOOK AND WALL BRACE.
MS-1	MOP SINK	RECEIVING	ZURN	Z1996-24	-	-	-	3"	1-1/2"	-	MOP SERVICE BASIN 24"x24"x12" DEEP, MOLDED HIGH DENSITY COMPOSITE BASIN, PVC DRAIN BODY, STAINLESS STEEL STRAINER AND GASKETED OUTLET CONNECTION. PROVIDE 3 POSITION MOP BASIN HOSE HANGER, 3" WIDE x 26" LONG S.S. MOP HANGER WITH 3 RUBBER TOOL GRIP FITTINGS (ZURN MODEL Z1996-MH).
MSF-1	MOP SINK FAUCET	RECEIVING	ZURN	Z843M1-XL	3/4"	3/4"					PROVIDE FAUCET WITH INTEGRAL VACUUM BREAKER, 3/4" THREADED OUTLET, PAIL HOOK AND ADJUSTABLE WALL BRACE. INSTALL FAUCET AT 40" AFF.
MV-1	MIXING VALVE	RECEIVING	POWERS	HYDROGUARD LFMM434-1	1-1/4"	1-1/4"	-	-	-	-	LEAD FREE THERMOSTATIC MIXING VALVE WITH ROUGH BRONZE BODY, STANDARD TEMPERATURE RANGE, PARRAFIN-BASED THERMAL ACTUATION, DIRT AND LIME RESISTANT POPPETS AND SEATS, VIRTUAL SHUT-OFF ON LOSS OF INCOMING PRESSURE, VANDAL-RESISTANT LOCKING MECHANISM, ROTATABLE UNION TRIPLE DUTY CHECKSTOPS, 1-1/4" INLETS AND 1-1/2" OUTLET. SET DISCHARGE TEMPERATURE AT 110 DEG. F. INSTALL MIXING VALVE PIPING CONNECTIONS TO THE WATER HEATERS PER THE PLANS FOR A TWO TANK WATER HEATER SYSTEM.
RH-1	ROOF HYDRANT	ROOF	WOODFORD	SRH-MS	3/4"	-	-	-	-	-	NON-FREEZE ROOF HYDRANT WITH 3/4" NPT INLET, WELL SEAL, RUBBER BOOT, AND MOUNTING SYSTEM CONSISTING OF: CAST IRON HYDRANT SUPPORT, CAST IRON SHIM, CAST IRON UNDER DECK FLANGE, AND MOUNTING BOLTS, NUTS, AND WASHERS. PROVIDE WITH MODEL 50HF ASSE 1052 DUAL CHECK - AUTO DRAIN BACKFLOW PREVENTER. SEE DETAIL ON SHEET P2.0.
RP-1	RECIRCULATION PUMP	RECEIVING	BELL & GOSSETT	NBF 22U	-	3/4"	-	-	-	-	DOMESTIC HOT WATER RECIRCULATION PUMP WITH BRONZE BODY, SYSTEM LUBRICATED CIRCULATOR, 92 WATTS, 115 V, 1 PHASE, 3000 RPM,AND 4 GPM @ 12 F.O.W.
RPA-1	RECIRCULATION PUMP AQUASTAT	RECEIVING	BELL & GOSSETT	AQS-3/4		3/4"					
RPZ-1	BACKFLOW PREVENTOR	RECEIVING	WATTS	LF009M2QT	1-1/2"	-	-	-	-	-	REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSEMBLY WITH BRONZE BODY CONSTRUCTION, QUARTER-TURN BALL VALVES, AND REPLACEABLE SEATS. MOUNT IN HORIZONTAL POSITION. PROVIDE WITH WATTS MODEL 909AGC AIR GAP FITTING. EXTEND DISCHARGE PIPING FULL SIZE AND WITHOUT TRAP TO DISCHARGE INTO FLOOR DRAIN.
S-1	SINK	SEE LOCATIONS ON DRAWINGS	ELKAY	PSRADQ191955L-3	-	-	1-1/2"	2"	1-1/2"	-	20 GAUGE 19-1/2" x 19" SINGLE COMPARTMENT 304 S.S. SINK WITH 16"x13-1/2" x 5-1/4" DEEP BOWL AND 3 HOLES. PROVIDE LK-35 STRAINER. PROVIDE P-TRAP WITH CLEANOUT PLUG.
SF-1	SINK FAUCET	SEE LOCATIONS ON DRAWINGS	ZURN	Z831C4-XL-2F	1/2"	1/2"					PROVIDE FAUCET WITH SWING SPOUT & 2.2 GPM VANDAL-RESISTANT PRESSURE COMPENSATING FEMALE AERATOR.
SST-1	WALL FAUCET	BATHING AREA	ZURN	Z843L1-90-YJ	3/4"	3/4"	-	-	-	-	POLISHED CHROME 8" WASH DOWN FAUCET W/ VACUUM BREAKER SPOUT, INTEGRAL HOSE THREADED SPOUT, VANDAL RESISTANT COLOR CODED LEVER HANDLES AND SPLIT RING WALL BRACE.
TD-1	TRENCH DRAIN	DRYING AREA / BATHING AREA	ZURN	PERMA-TRENCH Z-886-HPP-GL-(2) E1-U4-DB	-	-	4"	4"	2"	-	6" WIDE PRE-SLOPED TRENCH DRAIN WITH INTEGRAL TOP FRAME, INTERLOCKING ENDS AND RADIUSED BOTTOM, PM886HPP HEEL-PROOF POLYETHYLENE GRATE, 4" NO-HUB BOTTOM OUTLET. LENGTH OF DRAIN PER DIMENSIONS ON A-2.0 SHEET. PROVIDE WITH BOTTOM DOME STRAINER.
TD-2	TRENCH DRAIN	FISH EQUIPMENT	ZURN	PERMA-TRENCH Z-886-(2) E1-U3-SPECIAL	-	-	3"	3"	1-1/2"	-	8606N SECTION 10" W/ REBAR CLIPS @ CENTER WITHOUT GRATE. 6"x10"x8" DEEP. GRATE TO BE FLUSH WITH FIN. FLOOR. NO-LIP.
TG-1	TEMPERATURE GAUGE	RECEIVING	MILJOCO	B259951-2W	-	1/4"	-	-	-	-	TEMPERATURE GAUGE, 2-1/2" DIAMETER DIAL, STEEL CASE, ACRYLIC LENS, WHITE ALUMINUM DIAL WITH BLACK MARKINGS, BRASS MOVEMENT WITH PRECISION-MILLED TEETH, 1/4" NPT BOTTOM OUTLET, +/-3-2-3% ACCURACY, -40 TO 150 DEG. F PROCESS TEMPERATURE. INSTALL ACCESSIBLE.
TP-1	TRAP PRIMER	SEE LOCATIONS ON DRAWINGS	PPP	P1-500 W/ TAPPED P-TRAP ADAPTER	1/2"	-	-	-	-	-	TRAP PRIMER VALVE WITH INTEGRAL BACKFLOW PREVENTER & VACUUM BREAKER PORT. PROVIDE DISTRIBUTION UNIT AS REQUIRED. ROUTE 1/2" PEX POLYETHYLENE TUBING DOWN IN WALL AND BELOW SLAB TO P-TRAP. PLUG UNUSED DISTRIBUTION UNIT PORTS.
U-1	URINAL	MEN'S RESTROOM	ZURN	Z5755-U	3/4"	-	2"	2"	2"	-	VITREOUS CHINA, WALL HUNG, INTEGRAL TRAP, WASH DOWN URINAL COMPLETE WITH 3/4" TOP SPUD CONNECTION, CONCEALED UNIVERSAL RETROFIT WALL BRACKET, 2" OUTLET CONNECTION AND VANDAL RESISTANT OUTLET STRAINER.
UF-1	URINAL FLUSH VALVE	MEN'S RESTROOM	ZURN	Z6003-WS1-YB	3/4"						PROVIDE WITH URINAL FLUSH VALVE - ZURN MODEL Z-6003-WS1-YB.
WB-1	ICE MAKER OUTLET BOX	ASSOCIATE RESOURCES	SIOUX CHIEF	696 SERIES "OX" BOX	1/2"	-	-	-	-	-	ABS OUTLET BOX WITH FRAME AND BRACKET. PROVIDE BALL VALVE WITH WATER HAMMER ARRESTOR AND 1/4" OUTLET. PROVIDE WATTS SERIES 7 DUAL CHECK VALVE AND BALL VALVE SHUT-OFF IN 1/2" CW SUPPLY LINE.
WC-1	WATER CLOSET	WOMEN'S RESTROOMS	MANSFIELD	148-123RH - ADA	1/2"	-	-	4"	2"	-	FLOOR MOUNTED VITREOUS CHINA 1.6 GALLON FLUSH, WITH POLISHED CHROME LEVER HANLE ACTUATOR, SMARTHEIGHT ELONGATED FRONT TWO PIECE, PRESSURE-ASSIST WATER CLOSET, 12" ROUGH-IN, WITH VANDAL RESISTANT KIT. PROVIDE CHURCH OPEN FRONT SEAT. LOW CONSUMPTION FIXTURE. (RIGHT HAND FLUSH LEVER)
WC-2	WATER CLOSET	MEN'S RESTROOMS	MANSFIELD	148-123 - ADA	1/2"	-	-	4"	2"	-	FLOOR MOUNTED VITREOUS CHINA 1.6 GALLON FLUSH, WITH POLISHED CHROME LEVER HANLE ACTUATOR, SMARTHEIGHT ELONGATED FRONT TWO PIECE, PRESSURE-ASSIST WATER CLOSET, 12" ROUGH-IN, WITH VANDAL RESISTANT KIT. PROVIDE CHURCH OPEN FRONT SEAT. LOW CONSUMPTION FIXTURE. (LEFT HAND FLUSH LEVER)
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3H135	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 4.5KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 13.5KW, 208 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 56 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3L135	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 4.5KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 13.5KW, 208 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 56 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3H18	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 6KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 18KW, 480 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 74 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.
WH-1 WH-2	WATER HEATER	RECEIVING	BRADFORD WHITE	E32-80R-3-3L18	1-1/4"	1-1/4"	-	-	-	80	80 GALLON ELECTRIC WATER HEATER WITH THREE (3) 6KW ELEMENTS CAPABLE OF SIMULTANEOUS OPERATION FOR TOTAL INPUT OF 18KW, 208 VOLT/3 PHASE AND A MINIMUM RECOVERY OF 74 GPH @ 100°F TEMPERATURE RISE. THE WATER HEATER TANK SHALL BE HEAVY GAUGE ROLLED, FORMED, AND WELDED STEEL WITH VITRAGLAS ENAMEL LINING, 1-1/4" NPT FACTORY INSTALLED TRUE DIELECTRIC FITTINGS AND LOW RESTRICTION BRASS DRAIN VALVE, INSULATED WITH 2" NON-CFC FOAM INSULATION. PROVIDE UNIT WITH FACTORY INSTALLED HEAT TRAPS, FACTORY INSTALLED HYDROJET TOTAL PERFORMANCE SYSTEM, FULLY AUTOMATIC CONTROLS, PROTECTIVE MAGNESIUM ANODE ROD AND AN ASME RATED T & P RELIEF VALVE. THE ENTIRE INSTALLATION SHALL BE MADE IN COMPLIANCE WITH STATE AND LOCAL CODES AND ORDINANCES. THE T&P RELIEF LINE SHALL BE TERMINATED OVER THE FLOOR DRAIN (FD-1) FLOOD RIM WITH A MINIMUM 2" AIR GAP. SET WATER HEATER TEMPERATURE CONTROL AT 160 DEG. F.

NOTE: G.C. TO PURCHASE ALL PLUMBING FIXTURES BY NATIONAL VENDOR, NO SUBSTITUTIONS.

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	W	DRAIN OR WASTE
	V	VENT PIPING
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN
	RWL	RAIN WATER LEADER
	S.O.V.	SHUT-OFF VALVE
	C.V.	CHECK VALVE
	VTR	VENT THRU ROOF
	-	UNION
	HB	HOSE BIBB W/ VACUUM BREAKER
F	F	FIRE SPRINKLER LINE
	FD	FLOOR DRAIN
⌀	FCO	FLOOR CLEANOUT
⌀	GCO	GRADE CLEANOUT
	WCO	WALL CLEANOUT
	C/O	STORM PIPE CLEANOUT
CD	CD	CONDENSATE DRAIN PIPING
R	R	GAS REGULATOR
⌀	BV	CALIBRATED BALANCING VALVE
G	G	GAS PIPING
	-	GAS SHUT-OFF/COCK VALVE (AT RTU)
XXX (E)	XXX (E)	EXISTING PIPING (I.E. CW (E), G (E), W (E) ETC.)
	A.H.J.	AUTHORITY HAVING JURISDICTION
	F.D.C.	FIRE DEPARTMENT CONNECTION
	N.P.T.	NATIONAL PIPE THREAD
	N.S.T.	NATIONAL STANDARD THREADS
	N.T.S.	NOT TO SCALE
XX-X	XX-X	PLUMBING FIXTURE DESIGNATION
XXX X	XXX-X	HVAC EQUIPMENT DESIGNATION (FOR REFERENCE ONLY)
	-	CONN. TO EXISTING PIPING / ELEVATION
X	-	PLUMBING KEYED NOTE

NOTE: NOT ALL PLUMBING SYMBOLS AND ABBREVIATIONS ARE NECESSARILY USED IN THE PROJECT.

NOTE:
CONSTRUCTION TRADES MUST USE THE ARCHITECTURAL PLANS FOR WORK INSTALLATION. THIS INCLUDES ALL APPLICABLE DETAILS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

PLUMBING GENERAL NOTES:
(FOR ALL PLUMBING SHEETS)

A. THIS PROJECT WAS DESIGNED UNDER 2018 INTERNATIONAL PLUMBING CODE AND ALL APPLICABLE LOCAL AMENDMENTS.

B. PLUMBING CONTRACTOR SHALL FIELD COORDINATE EXACT PIPE ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION.

C. UTILITIES NOTES:

C.a CONTRACTOR SHALL VERIFY POINT OF CONNECTION TO SITE UTILITY SERVICE PRIOR TO STARTING ANY NEW WORK.

C.b CONTRACTOR SHALL ADJUST LOCATION AND DEPTH OF SITE SERVICES AS REQUIRED TO PETSMART UTILITY LOCATIONS.

C.c CONTRACTOR SHALL MAKE FINAL CONNECTION TO SITE UTILITY SERVICES UNLESS OTHER PROVISIONS HAVE BEEN MADE.

C.d CONTRACTOR'S FAILURE TO PROPERLY COORDINATE SERVICES SHALL NOT BE JUSTIFICATION FOR ANY EXTRA CHARGES.

D. ALL FLOOR CLEANOUTS AT MAIN SALES FLOOR ARE TO BE LOCATED A MINIMUM OF 4" FROM FACE OF PALLET RACKS BUT NOT BENEATH - SEE FIXTURE PLAN F1.0 FOR COORDINATION WITH RACKING.

E. ALL FIRE AND DOMESTIC WATER PIPING SHALL BE INSTALLED ABOVE THE BOTTOM CHORD OF JOIST THROUGHOUT THE STORE WHERE CEILING DOES NOT EXIST. ALL PLUMBING FIXTURES SHALL HAVE A SHUT OFF VALVE AT ALL SUPPLY BRANCHES. BRANCH SHUT-OFF VALVES SHALL BE INSTALLED NO HIGHER THAN 12 INCHES ABOVE THE CEILING TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. PROVIDE ACCESS PANELS AS NEEDED.

F. COORDINATE WATER LINES WITH ELECTRICAL CONTRACTOR. PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANELS OR EQUIPMENT OR CLEAR WORKING SPACE.

G. PLUMBING CONTRACTOR SHALL INSTALL ALL NECESSARY WALL AND/OR FLOOR CLEANOUTS TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. CLEANOUTS TO BE FLUSH WITH FINISHED SURFACE OF WALL OR FLOOR. SEE PLUMBING DRAWINGS AND ARCHITECTURAL ELEVATIONS FOR LOCATION. NO CLEANOUTS ALLOWED IN CERAMIC TILE.

H. ALL FAUCETS CAPABLE SHALL RECEIVE PLASTIC SLEEVES/INSERT TO ALLOW FAUCET SWIVEL.

I. PRIOR TO SUBMITTING A BID THE PLUMBING CONTRACTOR SHALL VERIFY WITH LOCAL CODE OFFICIALS THAT PEX PIPING IS APPROVED FOR WATER DISTRIBUTION SYSTEMS. IF PEX PIPING IS APPROVED; ALL WATER PIPING 2" AND SMALLER (U.O.N.) SHALL BE PEX POLYETHYLENE TUBING, LARGER WATER PIPING SIZES SHALL BE COPPER. INSTALL PEX TUBING PER MANUFACTURERS INSTRUCTIONS. DO NOT STORE PEX TUBING AND FITTINGS IN DIRECT OR INDIRECT SUNLIGHT.

J. REFER TO SCHEMATIC GAS, WATER AND WASTE PIPING DIAGRAMS ON SHEETS P3.0 FOR ALL PIPE SIZE INFORMATION.

K. PLUMBING CONTRACTOR SHALL FLUSH ALL SANITARY LINES AT THE END OF THE PROJECT TO ENSURE A FREE FLOWING SYSTEM AND VIDEO ALL LINES AND PROVIDE FINAL VIDEO TO PETSMART CM AT TURNOVER.

L. IF THE STATIC WATER PRESSURE IS BELOW 60 PSI, AN ALTERNATE BOOSTER PUMP BID IS REQUIRED. IF THE STATIC WATER PRESSURE IS ABOVE 80 PSI, A PRESSURE REDUCING VALVE IS REQUIRED AND SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DOMESTIC WATER METER AND REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER ASSEMBLIES ON THE INCOMING BUILDING DOMESTIC WATER SERVICE LINE. SEE THE PLUMBING FIXTURE SCHEDULE ON SHEET P0.1 AND DETAIL 3/P2.0 FOR CLARIFICATION.

M. ALL PEX ROUGH-IN STUBS THRU WALL SHALL TRANSITION TO COPPER AT WALL PENETRATION AND CONTINUE TO THE FIXTURE AS COPPER.

N. EXPOSED PIPING AND SHUT-OFF VALVES ON WALLS IN BATHING AREA SHALL BE COPPER AND UN-INSULATED UP TO CEILING.

O. ALL PIPING, FITTINGS AND VALVES FOR WATER HEATERS CONNECTIONS SHALL BE COPPER.

P. ALL FIXTURES SHALL HAVE A BALL VALVE SHUTOFF AT THE FIXTURE CONNECTIONS.

Q. UNDERSLAB HORIZONTAL CONNECTIONS OF VENT PIPING TO WASTE SEWER SYSTEM PIPELINE SHALL NOT BE ALLOWED, CONTRACTOR SHALL INSTALL WASTE AND VENT PIPING AS REQUIRED PER APPLICABLE CODES. REFER TO DETAIL ON DETAILS SHEET P2.0 FOR MORE INFORMATION. THE USE OF DOUBLE CONNECTION FITTINGS IS PROHIBITED IN SANITARY SEWER LINES.

R. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF VENTS THROUGH ROOF WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATIONS.

S. ALL SINK P-TRAPS TO BE SUPPLIED WITH CLEANOUT PLUG.

T. ALL PIPING IN AREAS WITH NO CEILINGS / OPEN TO DECK, CEILING TYPE C1 AND C6 SHALL BE HUNG NO LOWER THAN 8' BELOW THE ROOF DECK TO THE TOP OF THE PIPING INSULATION.

U. CONSTRUCTION TRADES MUST USE THE ARCHITECTURAL PLANS FOR WORK INSTALLATION. THIS INCLUDES ALL APPLICABLE DETAILS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

V. INSULATE HOT AND COLD LINES IN WALL AND CEILING.

W. ALL EQUIPMENT, WATER LINES, CEILING GRID, HVAC DUCTWORK, ROOF LEADER PIPING, CONDUITS, LIGHTING FIXTURES, AND FIRE SPRINKLER LINES MUST BE SUSPENDED FROM THE JOISTS ONLY. DO NOT LAY ALONG THE BOTTOM CHORD OF JOISTS OR SUSPEND FROM THE ROOF DECK.

DESIGNER NOTE:
1. REMOVE WHEN WATER PRESSURE IS 60 PSI OR HIGHER OR ENGINEER WILL SPECIFY WHEN A BOOSTER PUMP IS REQUIRED.
2. PROVIDE DOMESTIC WATER SYSTEM SHALL BE DESIGNED AND SIZED WHEN PRESSURE IS BELOW 60 PSI.
3. RPZ BACKFLOW PREVENTER ASSEMBLY SPACE IS UNAVAILABLE WHEN FLOOR

DESIGNER NOTE:
1. REMOVE URINAL FOR PROJECTS WITHOUT URINALS.

DESIGNER NOTE:
1. DELETE IF NOT REQUIRED BY LOCAL CODE.
2. OPEN DUAL CAVITY WALL CONDITION ON PETSMART PROTOTYPE. ADD A 3/4" TRAP PRIMER TO COOLER PER SCHEDULE IF NOT REQUESTED.

DESIGNER NOTE:
1. ON A PROJECT WITH RPZ BASIS WHEN HALL A LAVATORY IS MIRRORED FROM PROTOTYPE THE ELECTRIC WATER COOLER ON THE OPPOSITE WALL MUST BE MIRRORED TO LEFT HAND AS WELL TO KEEP THE HIGH UNIT ON THE

DESIGNER NOTE:
1. REMOVE WHEN WATER PRESSURE IS 60 PSI OR HIGHER OR ENGINEER WILL SPECIFY WHEN A BOOSTER PUMP IS REQUIRED.
2. PROVIDE DOMESTIC WATER SYSTEM SHALL BE DESIGNED AND SIZED WHEN PRESSURE IS BELOW 60 PSI.
3. RPZ BACKFLOW PREVENTER ASSEMBLY SPACE IS UNAVAILABLE WHEN FLOOR

DESIGNER NOTE:
1. DELETE PROJECT SPECIFIC BASIS IF THE STORE DESIGN INCLUDES A PETSMART PROTOTYPE. REQUEST PETSMART INCORPORATE PETSMART AND PETSMART APPLICABLE EQUIPMENT SPECIFICATIONS AS REQUIRED

DESIGNER NOTE:
1. DO NOT DEVIATE FROM THE ORDER NOTES AND CONTENT OF THE VETTED NOTES. ADD NEW NOTES TO BEFORE THE NOTES THAT DO NOT APPLY TO THE PARTICULAR PROJECT SHALL BE CHANGED TO NO LONG

DESIGNER NOTE:
1. ON A PROJECT WITH RPZ BASIS WHEN MEN'S AND WOMEN'S RESTROOM LAYOUTS ARE MIRRORED FROM PROTOTYPE, THE DRINKING FOUNTAIN MUST BE MIRRORED. IF RESTROOM LAYOUT PROVIDED IN THE FIXTURE PLAN

1. 148-123-ADA FOR LEFT HAND TRIP LEVER
2. 148-123RH-ADA FOR RIGHT HAND TRIP LEVER

DESIGNER NOTE:
1. DELETE IF NOT REQUIRED BY LOCAL CODE.
2. GENERALLY NOT REQUIRED IN PROJECTS WITHOUT HOT WATER.

DESIGNER NOTE:
1. THREE (3) 6KW ELEMENTS.
2. TOTAL INPUT OF 18KW, 208 VOLT/3 PHASE POWER SUPPLY.
3. PHASE MODEL E32-80R-3-3L18

DESIGNER NOTE:
1. THREE (3) 4.5KW ELEMENTS.
2. TOTAL INPUT OF 13.5KW, 208 VOLT/3 PHASE POWER SUPPLY.
3. PHASE MODEL E32-80R-3-3H135

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

DESIGNER NOTE:
UPDATE CODE REFERENCE ON PER PROJECT BASIS

CITY SEAL:

DESIGNER NOTE:
FOR REMODEL BUILDING EXISTING PIPING ABOVE CEILING SHALL BE RAISED TO THE BOTTOM CHORD OF JOIST THROUGHOUT THE STORE.

DISCLAIMER:

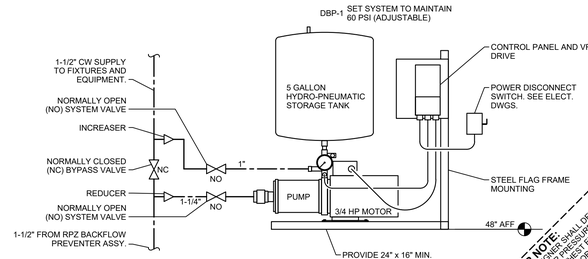
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO:
16K 2026 US INSTRUCTION S



BOOSTER PUMP DETAIL

IF THE INCOMING WATER STATIC PRESSURE IS BELOW 60 PSI, PROVIDE PROVIDE LINE ITEM PRICING FOR LABOR AND MATERIALS FOR THE PROVISION OF A PRESSURE BOOSTER PUMP SYSTEM INSTALLED PER ALL APPLICABLE CODES AND STANDARDS.

THE PRESSURE BOOSTER PUMP ASSEMBLY SHALL BE EQUAL TO TOWLE WHITNEY MODEL #TW1000-20W-40, WITH STAINLESS STEEL GRUNDFOS PUMP, AND SHALL BE MOUNTED WHERE SHOWN NEAR THE RPZ BACKFLOW PREVENTER ASSEMBLY.

BOOSTER PUMP ASSEMBLY PIPING CONNECTIONS TO THE 1-1/2" DOMESTIC WATER RISER SHALL INCLUDE A 1-1/2" QUARTER TURN BALL VALVE BY-PASS.

THE BOOSTER PUMP ASSEMBLY SHALL OPERATE AT 480V/3 PHASE AND SHALL BE A FACTORY ASSEMBLED, WIRED, AND TESTED PACKAGE PRESSURE BOOSTING SYSTEM. THE BOOSTER SYSTEM SHALL BE A FLAG FRAME MOUNTED PACKAGE CONSISTING OF PUMP, ELECTRICAL CONTROL PANEL, VARIABLE FREQUENCY DRIVE WITH TRANSDUCER, A PRE-PIPED 5 GALLON HYDRO-PNEUMATIC STORAGE TANK, PRESSURE GAUGE, RELIEF AND CHECK VALVES, TANK TEE, BRASS NIPPLE AND COPPER FITTINGS. THE SYSTEM SHALL BE SHIPPED WITH ALL COMPONENTS, SOME ASSEMBLY MAY BE REQUIRED. FOLLOW THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER ASSEMBLY. PROVIDE WITH VIBRATION ISOLATION.

THE SYSTEM SHALL BE UL AND NSF61 LISTED. THE PUMP SHALL BE SIZED FOR 30 GPM WITH A 30 PSI BOOST. ELECTRICAL DESIGN IS BASED ON A SINGLE 3/4 HP PUMP. COORDINATE WITH THE ELECTRICAL CONTRACTOR IF PUMP HORSEPOWER IS DIFFERENT.

PRESSURE BOOSTER PUMP ASSEMBLIES MANUFACTURED BY GRUNDFOS, SYNCROFLO, AND BELL & GOSSETT ARE ACCEPTABLE FOR BID.

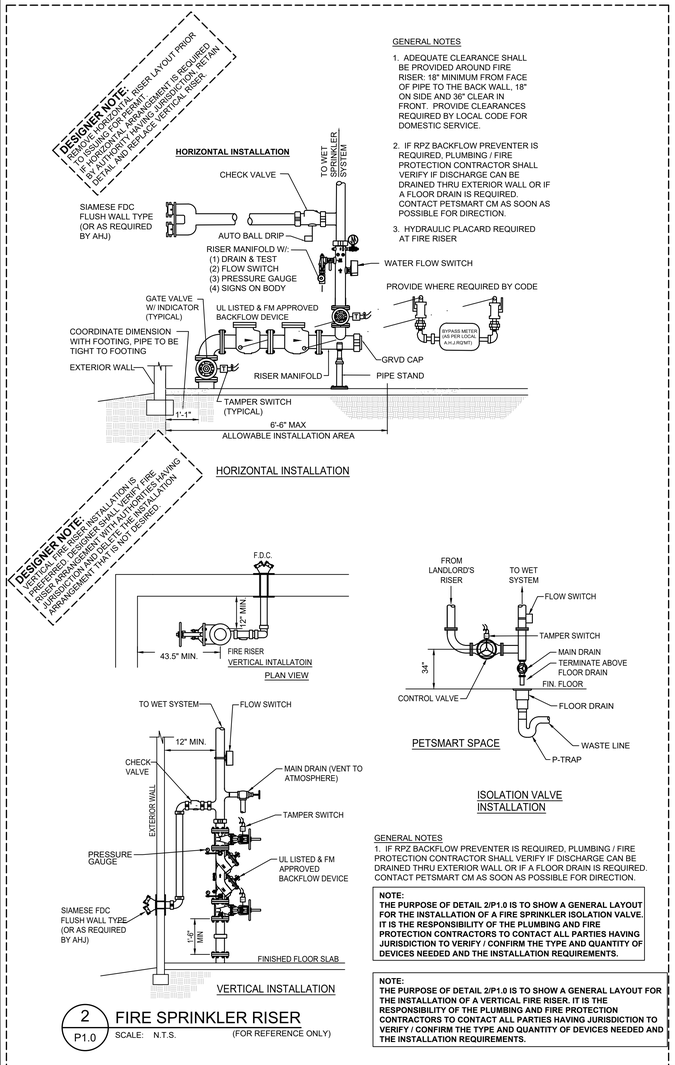
NOTE:
SHOP DRAWING SUBMITTAL IS REQUIRED FOR THE WATER PRESSURE BOOSTER PUMP SYSTEM.

3 / P1.0 DOMESTIC WATER PRESSURE BOOSTER PUMP DETAIL
SCALE: N.T.S.

DESIGNER NOTE: PLUMBING DESIGNER SHALL DETERMINE AVAILABLE WATER PRESSURE AND CALCULATE PRESSURE AT FARTHEST FIXTURE UNDER PEAK FLOW CONDITIONS. IF THE PRESSURE IS UNDER PEAK FLOW CONDITIONS. IF THE PRESSURE IS LESS THAN 40 PSI, THEN A WATER BOOSTER PUMP SHALL BE PROVIDED. IF THE AVAILABLE PRESSURE AT ANY FIXTURE IS LESS THAN 30 PSI, THEN A WATER BOOSTER PUMP SHALL BE PROVIDED. IF THE INCOMING WATER PRESSURE IS NOT KNOWN AT THE TIME OF BID, THE PRICE SHALL INCLUDE THE DETAIL ON THE ISSUED DRAWINGS.

DESIGNER NOTE: WHEN AVAILABLE (PREFERRED) WHERE LOOP SPACE IS AVAILABLE, PROVIDE LOOP MOUNT DETAIL. WHERE LOOP SPACE UNAVAILABLE, PROVIDE WALL MOUNT DETAIL.

DESIGNER NOTE: REPLACE LOWER FIRE RISER DETAIL WHERE RISER BROUGHT TO SPACE FROM LANDLORD'S ROOM. REMOVE IF LOWER DETAILS ARE USED.



GENERAL NOTES

1. ADEQUATE CLEARANCE SHALL BE PROVIDED AROUND FIRE RISER: 18" MINIMUM FROM FACE OF PIPE TO THE BACK WALL, 18" ON SIDE AND 36" CLEAR IN FRONT. PROVIDE CLEARANCES REQUIRED BY LOCAL CODE FOR DOMESTIC SERVICE.
2. IF RPZ BACKFLOW PREVENTER IS REQUIRED, PLUMBING / FIRE PROTECTION CONTRACTOR SHALL VERIFY IF DISCHARGE CAN BE DRAINED THRU EXTERIOR WALL OR IF A FLOOR DRAIN IS REQUIRED. CONTACT PETSMART CM AS SOON AS POSSIBLE FOR DIRECTION.
3. HYDRAULIC PLACARD REQUIRED AT FIRE RISER

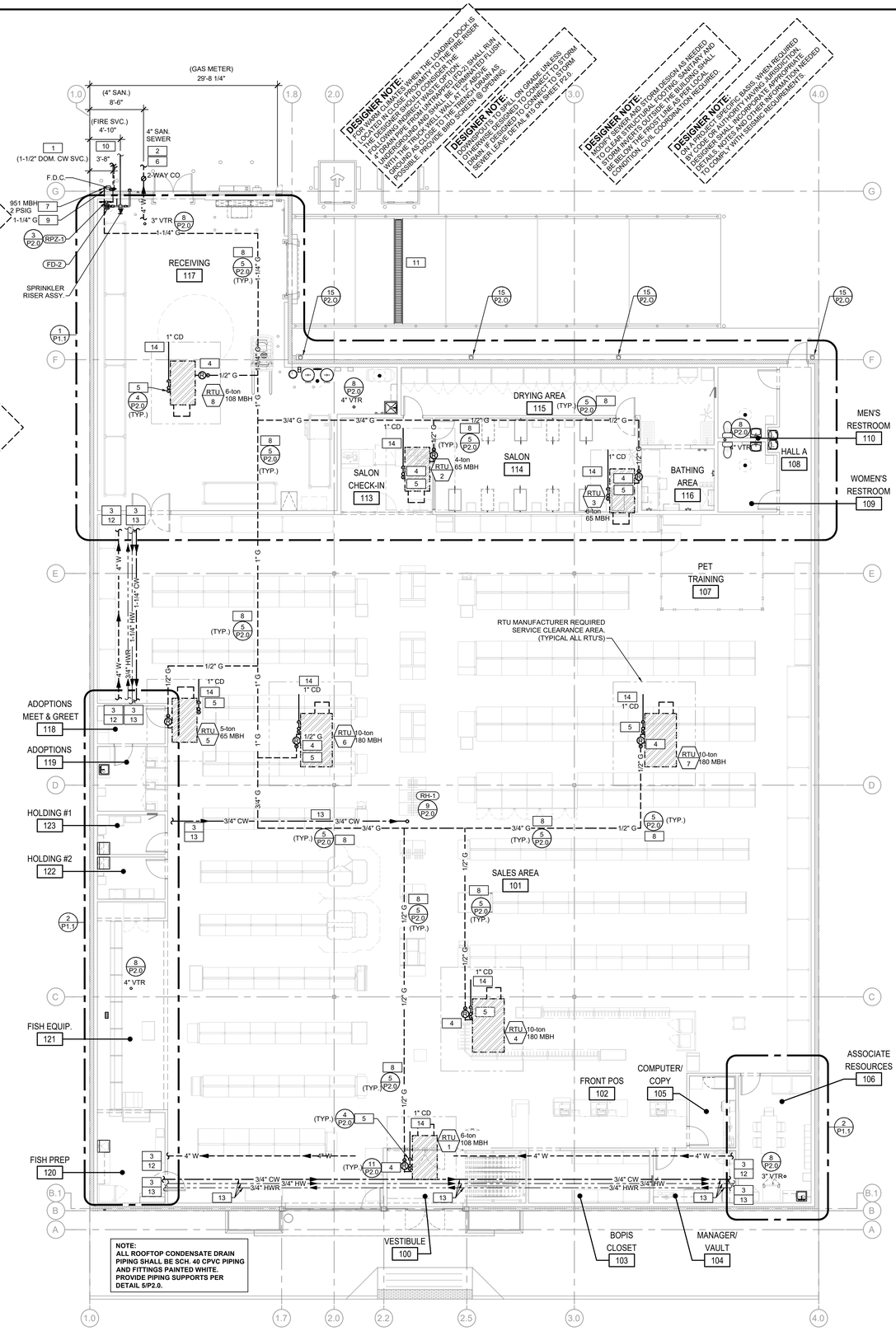
GENERAL NOTES

1. IF RPZ-BACKFLOW PREVENTER IS REQUIRED, PLUMBING / FIRE PROTECTION CONTRACTOR SHALL VERIFY IF DISCHARGE CAN BE DRAINED THRU EXTERIOR WALL OR IF A FLOOR DRAIN IS REQUIRED. CONTACT PETSMART CM AS SOON AS POSSIBLE FOR DIRECTION.

NOTE:
THE PURPOSE OF DETAIL 2/P1.0 IS TO SHOW A GENERAL LAYOUT FOR THE INSTALLATION OF A FIRE SPRINKLER ISOLATION VALVE. IT IS THE RESPONSIBILITY OF THE PLUMBING AND FIRE PROTECTION CONTRACTORS TO CONTACT ALL PARTIES HAVING JURISDICTION TO VERIFY / CONFIRM THE TYPE AND QUANTITY OF DEVICES NEEDED AND THE INSTALLATION REQUIREMENTS.

NOTE:
THE PURPOSE OF DETAIL 2/P1.0 IS TO SHOW A GENERAL LAYOUT FOR THE INSTALLATION OF A VERTICAL FIRE RISER. IT IS THE RESPONSIBILITY OF THE PLUMBING AND FIRE PROTECTION CONTRACTORS TO CONTACT ALL PARTIES HAVING JURISDICTION TO VERIFY / CONFIRM THE TYPE AND QUANTITY OF DEVICES NEEDED AND THE INSTALLATION REQUIREMENTS.

2 / P1.0 FIRE SPRINKLER RISER
SCALE: N.T.S. (FOR REFERENCE ONLY)



1 / P1.0 PLUMBING FLOOR PLAN
SCALE: 1/8" = 1'-0"

NORTH

PLUMBING KEY NOTES:

1. 1-1/2" UNDERGROUND DOMESTIC WATER SERVICE FROM THE DOMESTIC WATER METER. REFER TO CIVIL DWGS. BY OTHERS FOR CONTINUATION. FIELD VERIFY THE EXACT LOCATION, SIZE, AND BURY DEPTH OF THE CONNECTION POINT PRIOR TO ROUGH-IN OF NEW WATER PIPING.
2. EXTEND WASTE LINE 5'-0" OUTSIDE OF BUILDING. COORDINATE WITH CIVIL PLANS. INVERT ELEVATION IS ---' AT EXIT POINT OF BUILDING. THIS IS BASED ON A --- F.F.E. AND TOTAL DEVELOPED LENGTH OF --- FT. AT 1/4" SLOPE, AND A STARTING INVERT OF ---
3. SEE ENLARGED AREA PLANS ON SHEET P1.1 FOR PIPING CONTINUATION.
4. GAS LINE WITH REGULATOR TO RTU - SEE GAS PIPING DETAIL 11/P2.0.
5. CPVC CONDENSATE DRAINS SHALL MATCH UNIT DRAIN CONNECTION. PROVIDE DRAIN PIPING WITH 6" DEEP TRAP AND VENT PER DETAIL 4/P2.0. EXTEND CPVC CONDENSATE DRAIN PIPING ABOVE THE ROOF AS SHOWN AT 1% MIN. SLOPE. SEE DETAIL 5/P2.0 FOR PIPING SUPPORT. PROVIDE COPPER CONDENSATE DRAIN PIPING IF REQUIRED BY CODE OR LOCAL OFFICIAL. PAINT ALL CONDENSATE DRAIN PIPING WHITE.
6. EXTERIOR GRADE TWO-WAY GRADE CLEANOUT. SEE DETAIL 6/P2.0.
7. GAS METER, PRIMARY REGULATOR AND UNDERGROUND SERVICE PIPING BY GAS UTILITY COMPANY (FIELD VERIFY). SEE 2/P3.0 FOR SIZING CRITERIA AND LOADS. SEE DETAIL 1/P2.0 FOR MORE INFORMATION.
8. PAINT GAS PIPING ON ROOF TRAFFIC YELLOW, SUPPORT PIPING PER DETAIL 5/P2.0.
9. 1" GAS RISER, ROUTE EXPOSED AND TIGHT TO THE EXTERIOR WALL TO THE ROOF. PROVIDE SYSTEM HOUSE VALVE AT GAS METER OUTLET. PAINT HOUSE VALVE AND RISER TO MATCH BLDG. COLOR OR PER GAS UTILITY COMPANY DIRECTION.
10. 6" UNDERGROUND FIRE SERVICE. REFER TO CIVIL DWGS. BY OTHERS FOR CONTINUATION. COORDINATE FINAL CONNECTION WITH THE SITE UTILITIES CONTRACTOR AND THE LOCAL WATER AUTHORITY AS APPLICABLE. FIELD VERIFY THE EXACT LOCATION, SIZE, AND BURY DEPTH OF THE CONNECTION POINT PRIOR TO ROUGH-IN OF NEW WATER PIPING. THE FIRE RISER SHALL BE SIZED IN ACCORDANCE WITH THE INSURANCE CARRIER AND HYDRAULIC CALCULATION REQUIREMENTS. REFER TO SPRINKLER SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
11. CONNECT TO STORM DRAIN - FIELD VERIFY LOCATION AND INVERT. COORDINATE WITH CIVIL PLAN.
12. INSTALL SANITARY PIPING WITH 2% SLOPE. COORDINATE EXACT ROUTING WITH STRUCTURAL FOOTING AND ALL CONSTRUCTION TRADES PRIOR TO ROUGH-IN. THE USE OF DOUBLE CONNECTION FITTINGS IS PROHIBITED IN SANITARY SEWER LINES.
13. INSTALL PIPING AS HIGH AS POSSIBLE ABOVE THE BOTTOM CHORD OF ROOF JOISTS THROUGHOUT THE STORE WHERE OPEN TO STRUCTURE. COORDINATE EXACT ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION. **ALL EQUIPMENT, WATER LINES, CEILING GRID, HVAC DUCTWORK, ROOF LEADER PIPING, CONDUITS, LIGHTING FIXTURES, AND FIRE SPRINKLER LINES MUST BE SUSPENDED FROM THE JOISTS ONLY. DO NOT LAY ALONG THE BOTTOM CHORD OF JOISTS OR SUSPEND FROM THE ROOF DECK.**
14. CONDENSATE DRAIN TO DISCHARGE ON ROOF MINIMUM 3'-0" FROM LOW SIDE OF ROOFTOP UNIT ONTO SPLASH BLOCK OR WALK MAT.

DESIGNER NOTE: REQUIRES A WHERE H-U RECURRES A CONDENSATE TO BE PIPED TO ROOF DRAIN. CONDENSATE PIPE TO WET SINK WHERE ALLOWED. PROVIDE PATH FOR CONDENSATE PIPING WHERE REQUIRED. CONDENSATE DRAIN PIPING ROOF PENETRATION SHALL BE FLAT ROOF. CONDENSATE DRAIN PIPING SHALL BE INSTALLED WITH A CONTINUOUS DOWNWARD SLOPE TO THE TERMINATION POINT. VERIFY EXACT LOCATION OF ROOF DRAIN. PROVIDE 1" MIN. AIR GAP BETWEEN DRAIN AND MFR. RECOMMENDATIONS. PROVIDE 1" MIN. AIR GAP ABOVE THE MOP SINK FLOOD RIM.

TENANT:
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AUGUST 10, 2026

ARCHITECT:

DESIGNER NOTE: ARCHITECT TO REVISE TITLE BLOCK AS REQUIRED TO AS SUITABLE FOR EXISTING BUILDING IF THAN WHAT IS REQUIRED FOR NEW CONSTRUCTION. ON A PROJECT SPECIFIC BASIS, DESIGNER IN ACCORDANCE WITH LOCAL REQUIREMENTS AND LIFT PUMP TO BE SPECIFIED BY DESIGNER.

CONSULTANT:

DESIGNER NOTE: REVISE TITLE BLOCK IN THE ORDER AND BASIS CRITERIA OF THE PROJECT. KEYED NOTES TO BOTTOM AND ADD NEW NOTES TO APPLY TO THE PARTICULAR PROJECT. NOT USED SHALL BE CHANGED TO

SEAL:

CITY SEAL:

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ISSUED FOR:

#	DESCRIPTION	DATE

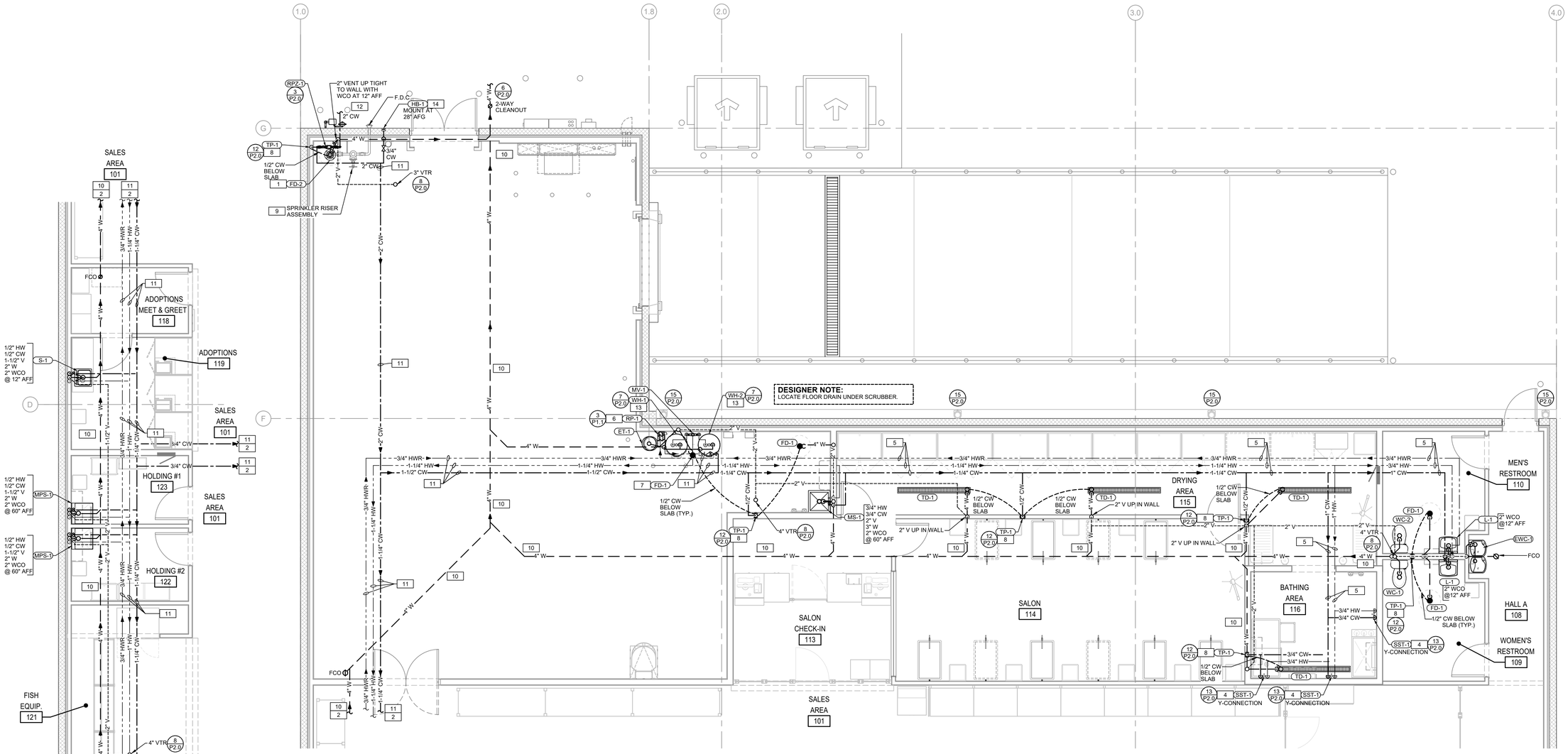
PROJECT NO.: 16K 2026 US INSTRUCTION SET
ORGINAL SCALE: AS INDICATED
DRAWN BY: XXX
CHECKED BY: XXX
PAGE #: 01 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DISCIPLINE: PLUMBING

TITLE:
PLUMBING FLOOR PLAN

SHEET NUMBER:
P1.0

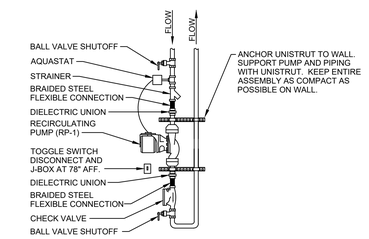


1 P1.1 ENLARGED SALON/BATHING/RESTROOMS/RECEIVING PLUMBING PLAN

SCALE: 1/4" = 1'-0"

2 P1.1 PLUMBING FLOOR PLAN - FISH EQUIPMENT, ADOPTIONS AND ASSOCIATE RESOURCE AREAS

SCALE: 1/4" = 1'-0"



NOTES:
1. PROVIDE ALL VALVES, EQUIPMENT AND PIPING INSTALLED ON THE WALL TO BE ACCESSIBLE AND ARRANGED AS SHOWN.
2. IMPROPERLY ARRANGED INSTALLATIONS AND INSTALLATIONS MISSING COMPONENTS SHOWN HERE ARE UNACCEPTABLE AND SHALL BE CORRECTED AT NO ADDITIONAL COST.
3. COORDINATE THE EXACT LOCATION AND INSTALLATION WITH THE WORK OF THE OTHER TRADES AND THE PETSMART CM PRIOR TO ROUGH-IN.
4. ALL PIPING, FITTINGS AND VALVES SHOWN ARE 3/4" SIZE.

3 P1.1 RECIRCULATING PUMP INSTALLATION (RP-1)

SCALE: N.T.S.

PLUMBING GENERAL NOTES:

A. REFER TO ARCHITECTURAL DRAWINGS AND FIXTURE PLAN TO COORDINATE THE FLOOR CLEANOUT LOCATIONS AND ENSURE THE CLEANOUTS ARE FULLY ACCESSIBLE.

B. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF FLOOR DRAINS AND TRENCH DRAINS.

C. SINK CLEANOUT TO BE INSTALLED UNDER SINK.

D. REFER TO PLUMBING SHEET P3.0 AND DETAIL 7/P2.0 FOR PIPING SIZES.

E. SHUTOFFS TO BE INSTALLED 12" MAX ABOVE FINISH CEILINGS. AT FISH PREP 120, LOCATE SHUTOFFS AT 10'-0" AFF.

F. THE USE OF DOUBLE CONNECTION FITTINGS IS PROHIBITED IN SANITARY SEWER LINES.

PLUMBING KEY NOTES:

#	
1	COORDINATE EXACT FLOOR DRAIN (FD-2) INSTALLATION WITH THE SPRINKLER RISER AND DOMESTIC CW RISER INSTALLATIONS. TERMINATE RPZ BACKFLOW PREVENTER RELIEF DRAIN PIPE AS REQUIRED OVER DRAIN.
2	SEE SHEET P1.0 FOR PIPING CONTINUATION.
3	OVERHEAD COLD WATER STUB TO FEED AQUARIUM EQUIPMENT. PROVIDE SHUT-OFF VALVE IN DROP, FINAL CONNECTION TO AQUARIUM EQUIPMENT BY FISH SYSTEM SUPPLIER. ROUTE WATER LINE DOWN FISH PREP BULKHEAD. BRACE VERTICAL DROP TO BULKHEAD, AS REQUIRED. FISH SYSTEM SUPPLIER SHALL PROVIDE WILKINS SERIES 975XL-3/4" REDUCED PRESSURE ZONE BACKFLOW PREVENTER W/BLOW OFF STRAINER AND WILKINS MODEL 600G-3/4" REGULAR TAPPED AND ASSEMBLED REGULATOR WITH 92-25A GAUGE (25-75) PSI (ADJUSTABLE). ROUTE BACKFLOW PREVENTER BLOW-OFF PIPING BEHIND THE TANKS AS REQUIRED TO SPILL INTO TRENCH DRAIN TD-2 WITH THE APPROPRIATE AIR GAP.
4	3/4" COLD / HOT WATER SURFACE MOUNTED TO WALL, MOUNT ZURN FAUCET 48" A.F.F. SEE DETAIL 13/P2.0. NO UNISTRUT IS ALLOWED TO MOUNT PIPING IN THE BATHING AREA. EXPOSED WATER SUPPLY PIPING IN BATHING AREA SHALL BE COPPER (INCLUDING VALVES AND FITTINGS). PROVIDE SHUT-OFF VALVES AT 12" ABOVE FIN. CEILING.
5	INSTALL PIPING ABOVE CEILING, COORDINATE EXACT ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION. ALL SHUT-OFF VALVES, WHERE APPLICABLE, SHALL BE INSTALLED @ 12" MAXIMUM IN CEILING SPACE (IN VERTICAL PIPING DROPS IF NECESSARY) TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES.
6	INSTALL COMPLETE RECIRCULATING PUMP (RP-1) ASSEMBLY VERTICALLY ON THE WALL WITH THE PUMP AT 7'-0" A.F.F. TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES, PROVIDE WALL MOUNTED SUPPORT AS REQUIRED. REFER TO DETAIL 3/P1.1. SET AQUASTAT AT 120 DEG. F.
7	TERMINATE THE TEMPERATURE AND PRESSURE (T&P) RELIEF VALVE DISCHARGE PIPING FROM THE WATER HEATERS OVER THE FLOOR DRAIN GRATE WITH THE REQUIRED AIR GAP PER ALL APPLICABLE CODES AND/OR A.H.J.
8	RUN TRAP PRIMER (TP-1) 1/2" PEX POLYETHYLENE PIPING IN WALL AND BELOW THE FLOOR AS REQUIRED TO CONNECT TO THE FLOOR OR TRENCH DRAIN TRAP. SLOPE UNDERFLOOR PIPING AT 1% MIN. IN THE DIRECTION OF FLOW. SEE DETAIL 12/P2.0.
9	PROVIDE 2'-6" X 6'-0" AREA FREE OF ANY OBSTRUCTIONS FOR FIRE SPRINKLER RISER SYSTEM AND DOMESTIC WATER SERVICE EQUIPMENT. PROVIDE AUTOMATIC FIRE SPRINKLER RISER WITH ALARM CHECK VALVE AND TRIM. PROVIDE 4" X 2-1/2" X 2-1/2" F.D.C. WITH CHECK VALVE, NATIONAL STANDARD THREADS (VERIFY CONNECTION TYPE WITH LOCAL FIRE MARSHAL), AND ELECTRIC ALARM BELL AS REQUIRED BY CODE AND/OR A.H.J.
10	INSTALL SANITARY PIPING WITH SLOPE 2% OR 1/4" PER FOOT MINIMUM. COORDINATE EXACT ROUTING WITH STRUCTURAL FOOTING AND ALL CONSTRUCTION TRADES PRIOR TO ROUGH-IN.
11	INSTALL PIPING AS HIGH AS POSSIBLE ABOVE THE BOTTOM CHORD OF ROOF JOISTS THROUGHOUT THE STORE WHERE OPEN TO STRUCTURE. COORDINATE EXACT ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION.
12	1-1/2" UNDERGROUND DOMESTIC WATER SERVICE FROM THE DOMESTIC WATER METER. REFER TO CIVIL DWGS. BY OTHERS FOR CONTINUATION. FIELD VERIFY THE EXACT LOCATION, SIZE, AND BURY DEPTH OF THE CONNECTION POINT PRIOR TO ROUGH-IN OF NEW WATER PIPING.
13	PIPE THE HOT AND COLD WATER FOR EVEN FLOW THROUGH THE WATER HEATERS. LOCATE THE HOT WATER CONNECTION FOR THE SUPPLY TO THE MIXING VALVE EQUIDISTANT IN THE HEADER BETWEEN THE WATER HEATER DISCHARGE CONNECTIONS AND LOCATE THE COLD WATER SUPPLY TO THE WATER HEATERS EQUIDISTANT IN THE HEADER BETWEEN THE WATER HEATER INLET CONNECTIONS. PROVIDE PIPING AND/OR FITTINGS REQUIRED TO MAKE CONNECTIONS AS DESCRIBED. NON-COMPLIANT PIPING INSTALLATIONS SHALL BE CORRECTED AT NO ADDITIONAL COST. SEE DETAIL 7/P2.0 FOR CLARIFICATION.
14	3/4" COLD WATER DOWN WALL TO (HB-1) WITH SHUT-OFF VALVE AND Y CONNECTION.

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

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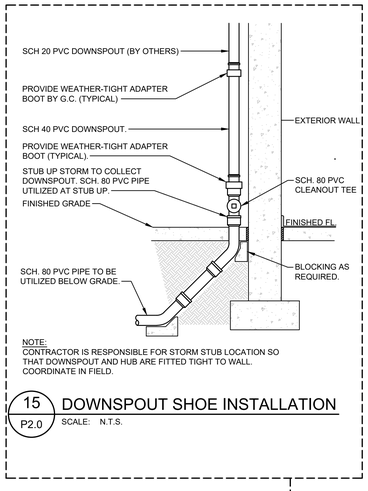
PLUMBING

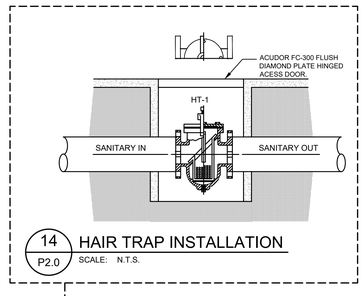
TITLE:
ENLARGED FLOOR PLANS

SHEET NUMBER:
P1.1

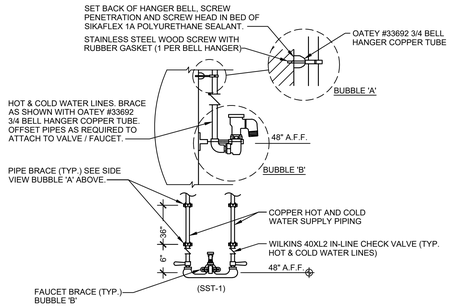


NOTE:
CONTRACTOR IS RESPONSIBLE FOR STORM STUB LOCATION SO THAT DOWNSPOUT AND HUB ARE FITTED TIGHT TO WALL. COORDINATE IN FIELD.

15 P2.0 DOWNSPOUT SHOE INSTALLATION
SCALE: N.T.S.

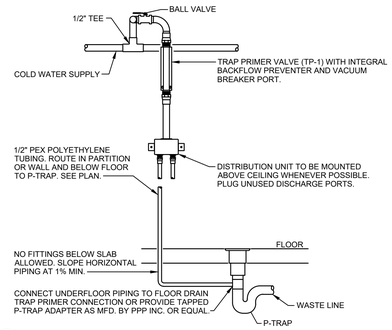


14 P2.0 HAIR TRAP INSTALLATION
SCALE: N.T.S.

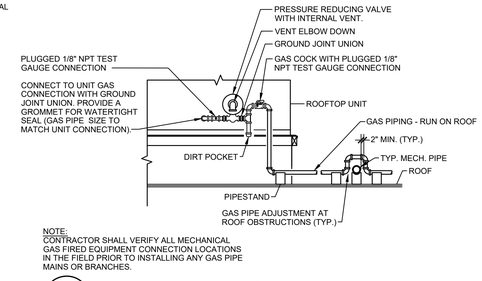


NOTE:
NO UNISTRUT IS ALLOWED TO MOUNT PLUMBING IN BATHING AREA.

13 P2.0 BATHING FAUCET INSTALLATION (SST-1)
SCALE: N.T.S.



12 P2.0 TRAP PRIMER INSTALLATION (TP-1)
SCALE: N.T.S.

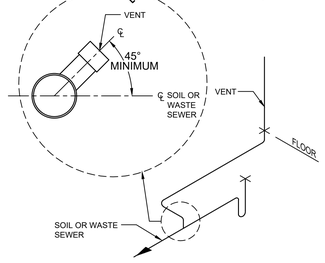


NOTE:
CONTRACTOR SHALL VERIFY ALL MECHANICAL GAS FIRED EQUIPMENT CONNECTION LOCATIONS IN THE FIELD PRIOR TO INSTALLING ANY GAS PIPE MAINS OR BRANCHES.

11 P2.0 TYPICAL RTU GAS PIPING CONNECTION
SCALE: N.T.S.

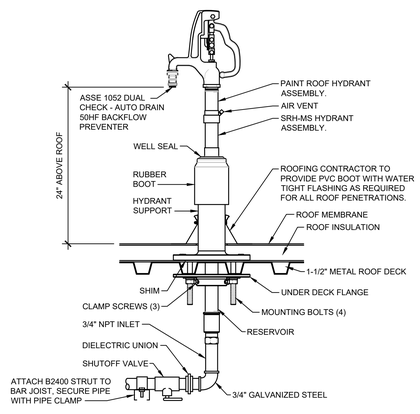
DESIGNER NOTE:
REMOVE IF ROOF DOWNSPOUT SPILLS ON GRADE OR ROOF DRAINS ARE USED

DESIGNER NOTE:
ONLY USE WHEN LOCAL CODE OFFICIAL CALLS FOR A VENT ABOVE TRAP. EDIT DETAIL TO NOT USE IF NOT REQUIRED

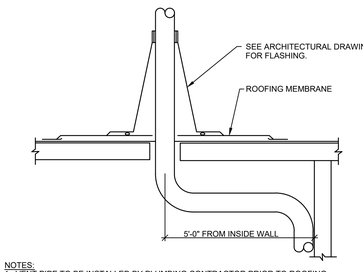


NOTE:
CONNECT VENT TO SOIL OR WASTE PIPING ABOVE CENTERLINE. UNDERSLAB HORIZONTAL CONNECTIONS OF VENT PIPING TO WASTE SEWER SYSTEM PIPELINE SHALL NOT BE ALLOWED.

10 P2.0 VENT PIPING INSTALLATION
SCALE: N.T.S.

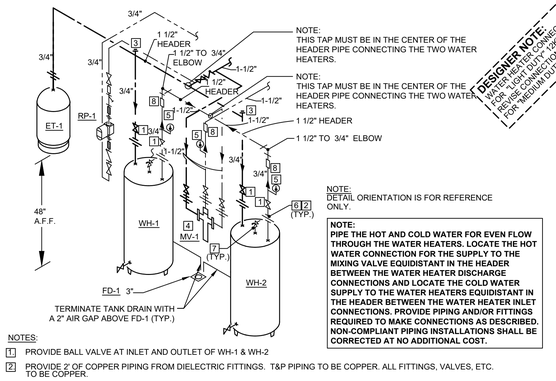


9 P2.0 ROOF HYDRANT INSTALLATION (RH-1)
SCALE: N.T.S.



NOTES:
1. VENT PIPE TO BE INSTALLED BY PLUMBING CONTRACTOR PRIOR TO ROOFING APPLICATION.
2. COORDINATE EXACT VENTS THRU ROOF LOCATION WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION.
3. NO VENTS THRU ROOF SHALL BE INSTALLED WITHIN 10'-0" OF ANY BUILDING FRESH AIR INTAKE, CONTRACTOR TO ENSURE PRIOR TO INSTALLATION.
4. PITCH POCKETS NOT PERMITTED FOR SEALING AROUND ANY ROOF PENETRATION.

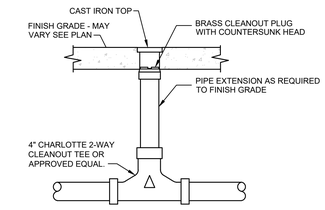
8 P2.0 TYPICAL VENT THRU ROOF
SCALE: N.T.S.



NOTES:
1. PROVIDE BALL VALVE AT INLET AND OUTLET OF WH-1 & WH-2
2. PROVIDE 2' OF COPPER PIPING FROM DIELECTRIC FITTINGS. T&P PIPING TO BE COPPER. ALL FITTINGS, VALVES, ETC. TO BE COPPER.
3. PROVIDE VACUUM RELIEF VALVE AT EACH CW SUPPLY CONNECTION TO WATER HEATER (WATTS MODEL LFN36-M1)
4. MIXING VALVE (MV-1), SET @ 110°F
5. THERMOMETER (TG-1). INSTALL 6'-0" MAX. AFF.
6. DIELECTRIC UNION
7. TEMPERATURE / PRESSURE RELIEF VALVE.
8. EMS STRAP-ON TEMPERATURE SENSOR, SUPPLIED AND INSTALLED BY EMS VENDOR. WIRING AND CONDUIT BY E.C. COORDINATE WITH EC AND EMS VENDOR. PROVIDE INSULATION OVER PIPE AND SENSOR.

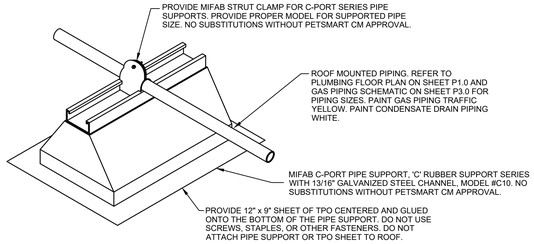
7 P2.0 WATER HEATER INSTALLATION (WH-1 & 2)
SCALE: N.T.S.

DESIGNER NOTE:
FOR HEATERS IN CONNECTION 3/4" SIZES SHOWN FOR LIGHT DUTY 12KW MODELS. FOR CONNECTION TO LARGER SIZES FOR MEDIUM DUTY 18KW MODELS



NOTE:
ALL CLEANOUT LOCATIONS SHALL BE VERIFIED WITH PETSMART CM PRIOR TO INSTALLATION.

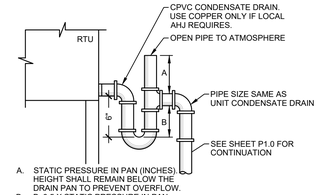
6 P2.0 TYPICAL TWO-WAY CLEANOUT
SCALE: N.T.S.



NOTE: ROOF MOUNTED PIPING SUPPORTS SHALL BE SPACED AT 6'-0" MAXIMUM O.C., AT THE BASE OF ALL RISERS, AND AT ALL ELBOWS AND CHANGES IN DIRECTION.

5 P2.0 TYPICAL ROOF MOUNTED PIPING SUPPORT
SCALE: N.T.S.

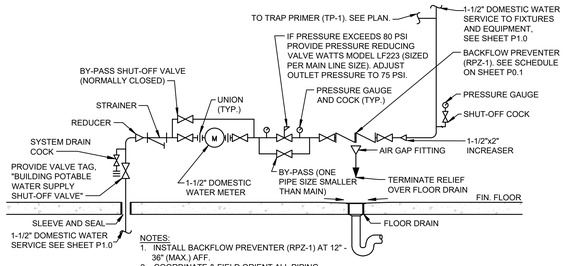
DESIGNER NOTE:
SHALL CONDENSATE TO ROOF UNLESS REQUIRED TO BE PIPED TO AN APPROVED RECEPTACLE.



A. STATIC PRESSURE IN PAN (INCHES) HEIGHT SHALL REMAIN BELOW THE DRAIN PAN TO PREVENT OVERFLOW.
B. B. 0.5 X STATIC PRESSURE IN PAN (INCHES)

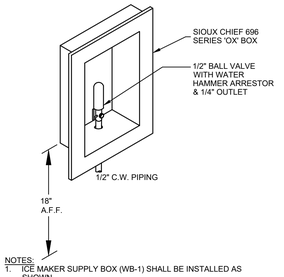
NOTE:
ALL PIPES FULL SIZE OF UNIT OUTLET. IF COPPER PIPING IS USED, IT MUST BE PAINTED WHITE.

4 P2.0 TYPICAL RTU CONDENSATE PIPING
SCALE: N.T.S.



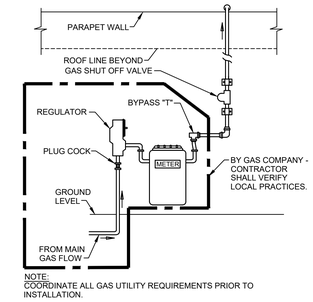
NOTES:
1. INSTALL BACKFLOW PREVENTER (RPZ-1) AT 12" - 36" (MAX.) AFF.
2. COORDINATE & FIELD ORIENT ALL PIPING SO AS NOT TO INTERFERE WITH SPRINKLER PIPING AND/OR ASSOCIATED DEVICES.
3. ALL VALVES SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE PURPOSES.

3 P2.0 DOMESTIC WATER SERVICE ENTRANCE
SCALE: N.T.S.



NOTES:
1. ICE MAKER SUPPLY BOX (WB-1) SHALL BE INSTALLED AS SHOWN.
2. PROVIDE WATTS SERIES 7 LEAD FREE BRONZE DUAL CHECK VALVE AND BALL VALVE SHUT-OFF IN 1/2" SUPPLY LINE.

2 P2.0 ICE MAKER SUPPLY BOX (WB-1)
SCALE: N.T.S.



NOTE:
COORDINATE ALL GAS UTILITY REQUIREMENTS PRIOR TO INSTALLATION.

1 P2.0 TYPICAL GAS METER PIPING
SCALE: N.T.S.

TENANT:
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DISCIPLINE: PLUMBING

TITLE:
PLUMBING DETAILS

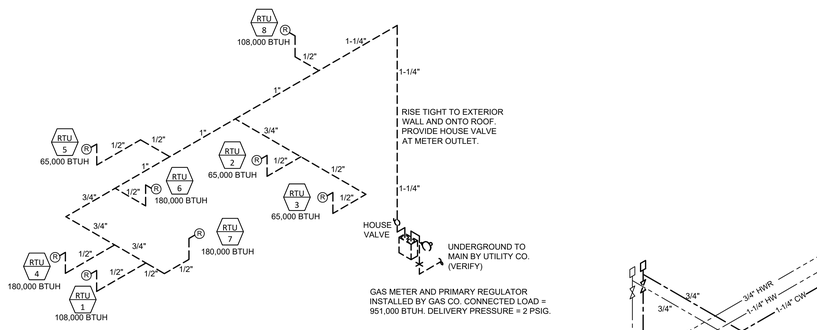
SHEET NUMBER:
P2.0

GAS PRESSURE REGULATOR SPECIFICATIONS

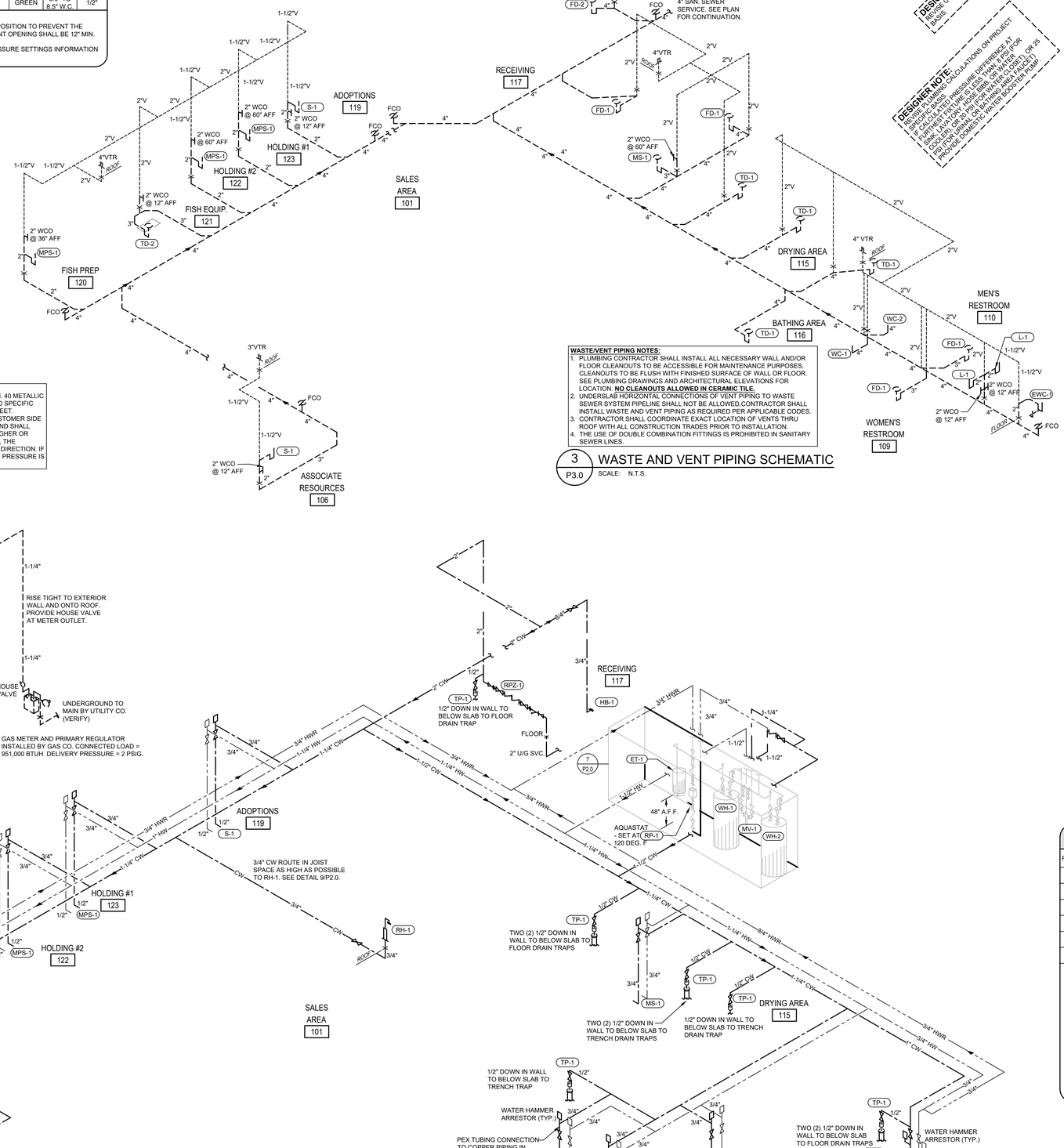
MANUFACTURER	MODEL #	SIZE	CFH CAPACITY	INLET PRESSURE	OUTLET PRESSURE	SPRING COLOR	SPRING RANGE	ORIFICE SIZE
ACTARIS	B-31R	3/4"x3/4"	UP TO 150	2 PSIG	7" W.C.	LIGHT GREEN	5.5" TO 8.0" W.C.	1/8"
ACTARIS	B-31R	3/4"x1"	150 TO 400	2 PSIG	7" W.C.	LIGHT GREEN	5.5" TO 8.0" W.C.	1/4"
ACTARIS	B-31R	1"x1"	400 TO 800	2 PSIG	7" W.C.	LIGHT GREEN	5.5" TO 8.0" W.C.	3/8"
ACTARIS	B-31R	1"x1-1/4"	800 TO 1100	2 PSIG	7" W.C.	LIGHT GREEN	5.5" TO 8.0" W.C.	1/2"
ACTARIS	B-34R	1-1/4"x1-1/4"	1100 TO 1900	2 PSIG	7" W.C.	GREEN	5.0" TO 8.5" W.C.	1/2"

1. REGULATORS ARE FULL CAPACITY INTERNAL RELIEF TYPE.
2. REGULATORS SHALL BE INSTALLED WITH THE RELIEF VENT IN THE DOWN FACING POSITION TO PREVENT THE ENTRANCE OF WATER. PROVIDE A SCREENED VENT ELBOW AS REQUIRED. THE VENT OPENING SHALL BE 12" MIN. ABOVE THE ROOF LEVEL.
3. PROVIDE A TAG ON THE REGULATOR THAT PROVIDES THE INLET AND OUTLET PRESSURE SETTINGS INFORMATION AND STATES "DO NOT REMOVE".

GAS PIPING NOTES:
1. PIPING IS SIZED PER THE 2018 INTERNATIONAL FUEL GAS CODE, TABLE 402.4(5), SCH. 40 METALLIC PIPE, NATURAL GAS, 2.0 PSI INLET PRESSURE, 1.0 PSI SYSTEM PRESSURE DROP, 0.60 SPECIFIC GRAVITY. TOTAL GAS DEMAND = 951,000 BTUH & TOTAL DEVELOPED LENGTH = 300 FEET.
2. THE CONTRACTOR SHALL VERIFY THE EXACT GAS DELIVERY PRESSURE AT THE CUSTOMER SIDE OF THE METER PRIOR TO BID. THE CONTRACTOR SHALL APPLY FOR GAS SERVICE AND SHALL COORDINATE GAS SERVICE IN A TIMELY MANNER. IF THE DELIVERY PRESSURE IS HIGHER OR LOWER THAN THE GAS PRESSURE USED TO SIZE THE GAS PIPING AS NOTED ABOVE, THE CONTRACTOR SHALL CONTACT THE PROFESSIONAL OF RECORD IMMEDIATELY FOR DIRECTION. IF THE PROFESSIONAL OF RECORD IS NOT CONTACTED, IT IS ASSUMED THAT THE GAS PRESSURE IS VERIFIED AND IS ADEQUATE FOR THE SYSTEM DESIGNED ON THE DRAWINGS.



2 P3.0 GAS PIPING SCHEMATIC
SCALE: N.T.S.



WASTE/VENT PIPING NOTES:
1. PLUMBING CONTRACTOR SHALL INSTALL ALL NECESSARY WALL AND/OR FLOOR CLEANOUTS TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. CLEANOUTS TO BE FLUSH WITH FINISHED SURFACE OF WALL OR FLOOR. SEE PLUMBING DRAWINGS AND ARCHITECTURAL ELEVATIONS FOR LOCATION. **NO CLEANOUTS ALLOWED IN CERAMIC TILE.**
2. UNDERSLAB HORIZONTAL CONNECTIONS OF VENT PIPING TO WASTE SEWER SYSTEM PIPELINE SHALL NOT BE ALLOWED,CONTRACTOR SHALL INSTALL WASTE AND VENT PIPING AS REQUIRED PER APPLICABLE CODES.
3. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF VENTS THRU ROOF WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION.
4. THE USE OF DOUBLE COMBINATION FITTINGS IS PROHIBITED IN SANITARY SEWER LINES.

3 P3.0 WASTE AND VENT PIPING SCHEMATIC
SCALE: N.T.S.

WATER PIPING NOTES:
1. PRIOR TO SUBMITTING THE BID PLUMBING CONTRACTOR SHALL VERIFY WITH LOCAL CODE OFFICIAL THAT PEX PIPING IS APPROVED FOR WATER DISTRIBUTION SYSTEMS. IF PEX PIPING IS APPROVED, ALL WATER PIPING 2" AND SMALLER SHALL BE ZURN PEX POLYETHYLENE TUBING. INSTALL TUBING PER MANUFACTURERS INSTRUCTIONS. DO NOT STORE PEX TUBING AND FITTINGS IN DIRECT OR INDIRECT SUN LIGHT.
2. EXPOSED PIPING AND SHUT-OFF VALVES IN CEILING IN BATHING AREA SHALL BE COPPER.
3. ALL PIPING, FITTINGS AND VALVES FOR WATER HEATERS CONNECTIONS SHALL BE COPPER.

1 P3.0 WATER PIPING SCHEMATIC
SCALE: N.T.S.

DESIGNER NOTE:
REVISE SOURCE REFERENCE ON PROJECT SPECIFIC BASIS.

DESIGNER NOTE:
REVISE PLUMBING CALCULATIONS ON PROJECT SPECIFIC BASIS.
IF CALCULATED PRESSURE DIFFERENCE AT FARTHEST LAVATORY IS LESS THAN 8 PSI FOR SINK, LAVATORY, OR BIBB OR LESS THAN 15 PSI FOR 25 PSI FOR BATHTUB OR SHOWER, PROVIDE DOMESTIC WATER BOOSTER PUMP.

PLUMBING CALCULATIONS BASED ON 2018 IPC:

WATER		WASTE
SPRAY HOSE	5 x 1.4 WSFU = 7 WSFU	———
WATER CLOSET (FT)	2 x 5 WSFU = 10 WSFU	2 x 4 DFU = 8 DFU
DRINKING FOUNTAIN	2 x .25 WSFU = 0.5 WSFU	2 x 0.5 DFU = 1 DFU
LAVATORY	2 x 2 WSFU = 4 WSFU	2 x 1 DFU = 2 DFU
URINAL	0 x 5 WSFU = 0 WSFU	0 x 2 DFU = 0 DFU
SINK	2 x 2 WSFU = 4 WSFU	2 x 2 DFU = 4 DFU
MOP/SERVICE SINK	4 x 3 WSFU = 12 WSFU	4 x 2 DFU = 8 DFU
HOSE BIBB (FIRST)	1 x 3 WSFU = 3 WSFU	———
HOSE BIBB (EACH ADDITIONAL)	2 x 1 WSFU = 2 WSFU	———
FLOOR OR TRENCH DRAIN, 3"	———	2 x 4 DFU = 8 DFU
FLOOR OR TRENCH DRAIN, 4"	———	8 x 6 DFU = 48 DFU
TOTAL FIXTURE UNITS	= 42.5 WSFU	TOTAL = 79 DFU

42.5 FIXTURE UNITS — 27.0 GPM

HIGHEST ELEVATION — 18 FEET

(18 FT.) x 0.43 = 7.74 PSI STATIC LOSS

HORIZ. PIPE LENGTH METER TO BUILDING (PRV) * — 10 FEET
HORIZ. PIPE LENGTH BLDG. (PRV) TO LAST FIXTURE — 270 FEET
VERT. PIPE LENGTH BLDG. RISE TO HIGHEST FIXTURE — 18 FEET
TOTAL PIPE LENGTH (FROM PRV TO LAST FIXTURE) — 360 FEET

(360 FT.) x 1.25 (FITTING LOSS) = 450 FEET TOTAL DEVELOPED LENGTH

SIZE	DEVICE	PSI LOSS
1-1/2"	BACKFLOW PREVENTOR	10.0
1-1/2"	METER	5.0
	STATIC	7.74
	FIXTURE	25.00
	TOTAL BUILDING LOSS	47.74 PSI

PRESSURE AT BLDG — 65.00 PSI
PRESSURE REGULATOR SETTING — NA
BUILDING LOSS — 47.74 PSI
DIFFERENCE — 17.26 PSI

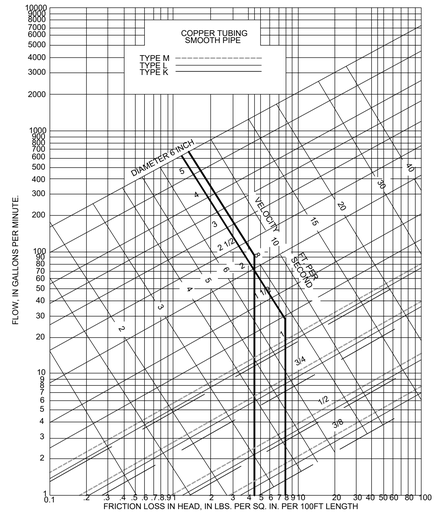
(27.26/360) x 100 = 7.6 — **MAX. PSI DROP ALLOWABLE PER 100 FT. PIPE LENGTH**

BRANCH PIPE SIZING CHART - PSI LOSS

PIPE SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	3	8.5	18	30	45	78
FU (F.T.)	1	4	16	55	110	260

* THIS PIPE LENGTH SHALL NOT BE INCLUDED WHEN/IF PRESSURE REGULATOR IS PROVIDED/REQUIRED.

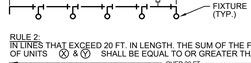
** METER LOSSES SHALL NOT BE INCLUDED WHEN/IF PRESSURE REGULATOR IS PROVIDED/REQUIRED AND METER IS INSTALLED OUTSIDE THE BUILDING.



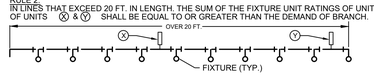
WATER HAMMER ARRESTOR SCHEDULE

P.D.I. SYMBOL	MANUFACTURER	MODEL NO.	CONNECTION SIZE	FIXTURE UNIT RATING	REMARKS
"A"	J.R. SMITH	5005	3/4"	1-11	THREADED NIPPLE CONNECTION
"B"	J.R. SMITH	5010	1"	12-32	THREADED NIPPLE CONNECTION
"C"	J.R. SMITH	5020	1"	33-60	THREADED NIPPLE CONNECTION
"D"	J.R. SMITH	5030	1"	61-113	THREADED NIPPLE CONNECTION
"E"	J.R. SMITH	5040	1"	114-154	THREADED NIPPLE CONNECTION
"F"	J.R. SMITH	5050	1"	155-330	THREADED NIPPLE CONNECTION

RULE 1:
THE PREFERRED PLACEMENT LOCATION IS AT THE END OF THE BRANCH LINE BETWEEN THE LAST TWO FIXTURES IN A BRANCH LESS THEN 20 FEET.



RULE 2:
IN LINES THAT EXCEED 20 FT. IN LENGTH, THE SUM OF THE FIXTURE UNIT RATINGS OF UNITS OF UNITS X & Y SHALL BE EQUAL TO OR GREATER THAN THE DEMAND OF BRANCH.



TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO.: 16K 2026 US INSTRUCTION SET
ORIGINAL SCALE: AS INDICATED
DRAWN BY: XXX
CHECKED BY: XXX
PAGE #: 01 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DISCIPLINE: PLUMBING

TITLE:
SCHEMATICS AND SCHEDULES

SHEET NUMBER:
P3.0

ELECTRICAL SYMBOLS LIST
ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT

- SINGLE RECEPTACLE: 20A HUBBELL HBL5361W 18" TO CENTER UNO
- DUPLEX RECEPTACLE: 20A HUBBELL HBL5362W (NEMA 5-20R) 18" TO CENTER UNO, WHITE
- DUPLEX GFI RECEPTACLE: 20A HUBBELL GFSGS362W 18" TO CENTER UNO, WHITE
- FOURPLEX RECEPTACLE - (2) 20A DUPLEX 18" TO CENTER UNO
- FOURPLEX GFI RECEPTACLE - (2) 20A GFI DUPLEX 18" TO CENTER UNO
- FOURPLEX IG RECEPTACLE - (2) 20A IG DUPLEX 18" TO CENTER UNO
- WEATHERPROOF COVERS:
  WP FOR SINGLE RECEPTACLES, 'TAYMAC' MODEL NO. MM410C
  WP FOR DUPLEX RECEPTACLES, 'HUBBELL' MODEL NO. WP826MP
- IG COMPUTER RECEPTACLE AT 18" AFF TO CENTER UNO, HUBBELL #IG5362 ORANGE
- SPECIAL RECEPTACLE AS NOTED ON DRAWINGS 18" TO CENTER UNO
- DATA/TELEPHONE BOX & WHITE COVER PLATE AT 18" AFF TO CENTER UNO. PROVIDE 3/4" CONDUIT WITH PULL STRING TO 6" A.F.C.
- JUNCTION BOX IN ACCESSIBLE LOCATION
- JUNCTION BOX MTD. IN JOIST AREA. CONDUITS CONNECTED BETWEEN SUCH BOXES SHALL BE ROUTED IN JOIST AREA
- INDICATES CIRCUIT IN CONDUIT RUN BELOW SLAB
- INDICATES CIRCUIT IN CONDUIT CONCEALED IN WALLS OR ABOVE CEILING
- INDICATES HOMERUN TO PANELBOARD OR AS NOTED
- EMS NATIONAL ACCOUNTS VENDOR PUSH-BUTTON OVERRIDE - FURNISHED BY EMS NATIONAL ACCOUNTS VENDOR, INSTALLED & WIRED BY EC
- LAY-IN SPEAKER - REFER TO 1/EDC AND EDC SYMBOLS LISTS FOR FURTHER INFORMATION. NO CONDUIT STUB NEEDED
- ONE-WAY FLEX HORN - REFER TO 1/EDC AND EDC SYMBOLS LISTS FOR FURTHER INFORMATION. NO CONDUIT STUB NEEDED
- PENDANT MOUNTED SPEAKER - REFER TO 1/EDC AND EDC SYMBOLS LISTS FOR FURTHER INFORMATION. NO CONDUIT STUB NEEDED
- DOOR BUZZER EDWARDS #1065-G5, 24V, 6 WATT, WITH LOUVERED COVER PLATE
- DOOR HORN EDWARDS #867AQ, 24V, 4.8 WATT
- PUSH-BUTTON - LOW VOLTAGE (24VOLT, 10.0 AMP AC, 4.0 AMP DC)
  AT VESTIBULE PROVIDE - EDWARDS #690-W - FLUSH MOUNT WITH SNAP FIT MOUNTING, INSTALLED AT 42" A.F.F.
  AT RECEIVING PROVIDE - EDWARDS #691-W - FLUSH MOUNT WITH LOCKNUT FIT MOUNTING, INSTALLED AT 42" A.F.F.
- VOLUME CONTROL, BY OTHERS - PROVIDE SINGLE GANG BOX AT 42" AFF UNO & 1/2" CONDUIT TO CEILING SPACE
- MOTOR - SIZE AS INDICATED ON DRAWINGS
- DISCONNECT SWITCH - SIZE AND FUSES AS PER MANUFACTURER'S RECOMMENDATIONS (WP WHERE OUTSIDE)

- CONDUIT TURNING DOWN
- CONDUIT TURNING UP
- PANELBOARD - MOUNT AT 6'-6" TO TOP
- S_M H.P. RATED MANUAL MOTOR STARTER (WP WHERE OUTSIDE)
- MD MOTORIZED DAMPER
- S_P SINGLE POLE SWITCH W/PILOT LIGHT AT 44" AFF OR AS NOTED. 20A, HUBBELL 1221- PLC/1221-PLC C7
- WF WATER FLOW SWITCH
- TS TAMPER SWITCH
- C DOOR CONTACT, SEE DETAIL 5/E3.0
- AFC ABOVE FINISHED CEILING
- TMB 3/4" PLYWOOD TELEPHONE MOUNTING BOARD WITH #6 CU. GROUND AND DEDICATED DUPLEX CONVENIENCE RECEPTACLES AS SHOWN ON PLANS. FURNISH IN ACCORDANCE WITH TELCO REQUIREMENTS. SIZE AS NOTED
- WP WEATHERPROOF (RAIN TIGHT)
- SES SERVICE ENTRANCE SECTION
- EWC ELECTRIC WATER COOLER
- UNO UNLESS NOTED OTHERWISE
- C CONDUIT
- EF EXHAUST FAN - 120V. UNLESS OTHERWISE NOTED
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
- IG ISOLATED GROUND
- SACP SPRINKLER ALARM CONTROL PANEL
- S SENSOR - SEE MECHANICAL & ELECTRICAL SHEETS FOR EXACT LOCATIONS. SENSORS (GENERAL) AT 90" AFF TO CENTER UNO.
- H COMBINATION TEMPERATURE / HUMIDITY SENSOR - SEE MECHANICAL PLANS. SENSORS (GENERAL) AT 90" AFF - UNO.
- T ADJUSTABLE THERMOSTAT - SEE MECHANICAL PLAN FOR EXACT LOCATIONS. SENSORS (GENERAL) AT 90" AFF TO CENTER UNO.
- E EMS TEMPERATURE SENSOR
- CO_2 CO2 SENSOR - SEE MECHANICAL & ELECTRICAL SHEETS FOR EXACT LOCATIONS - AT 54" AFF TO CENTER UNO.
- NH EMS NATIONAL ACCOUNTS VENDOR HUMIDITY SENSOR - SEE MECHANICAL PLAN FOR EXACT LOCATION. SENSORS (GENERAL) AT 90" AFF TO CENTER UNO.
- NT EMS NATIONAL ACCOUNTS VENDOR TEMPERATURE SENSOR - SEE MECHANICAL PLAN FOR EXACT LOCATION. SENSORS (GENERAL) AT 90" AFF - UNO.
- DSD DUCT SMOKE DETECTOR
- MOTOR CONTROLLER - PROVIDED BY EC - SIZE AS NOTED
- MOTOR CONTROLLER - FURNISHED WITH MOTOR
- BP EMS BUILDING PRESSURE SENSOR AT 14'-6" A.F.F.

LIGHTING SYMBOLS
ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT

- 4 1/2" x 49" TYPE 'A4' LED LIGHT.
- 4 1/2" x 97" TYPE 'A8' LED LIGHT.
- 24" x 24" LED LIGHT.
- 24" x 24" NIGHT LED LIGHT.
- 48" LINEAR WALL MOUNTED LED LIGHT.
- EXTERIOR RECESSED LED DOWN LIGHT.
- EXTERIOR WALL MOUNTED FIXTURE.
- EXIT SIGNS (PENDANT MOUNTED).
- EXIT SIGNS (WALL / BULKHEAD MOUNTED).
- TWO-HEAD EMERGENCY FIXTURE.
  MOUNT TO STRUCTURE (UNDERSIDE OF JOIST) IN SALES & RECEIVING. CEILING MOUNT IN ROOMS WITH LAY-IN CEILINGS.
- TWO-HEADED EMERGENCY EGRESS FIXTURE.
- EMERGENCY EGRESS FIXTURE BATTERY UNIT.
- $ SINGLE POLE TOGGLE SWITCH MOUNTED AT 42" A.F.F. TO CENTER OR AS NOTED HUBBELL #1221, 20A, 120/277V, (WHITE).
- $D SINGLE POLE DIMMER SWITCH MOUNTED AT 42" A.F.F. TO CENTER OR AS NOTED LUTRON #DVSTV-WH, 8A, 120/277V, (WHITE). PROVIDE PURPLE AND GRAY WIRES TO LIGHTS CONTROLLED.
- $3 THREE WAY TOGGLE SWITCH MOUNTED AT 42" A.F.F. TO CENTER OR AS NOTED HUBBELL #1223, 20A, 120/277V, (WHITE).
- M CEILING MOTION SENSOR - 'SENSOR SWITCH' MODEL #OAC-DT, LINE VOLTAGE - MICROSET DUAL TECH
- NL NIGHT LIGHT WIRED TO AN UNSWITCHED CIRCUIT.
- EM EMERGENCY LIGHT WIRED TO AN UNSWITCHED CIRCUIT.

WALL DEVICES & COVER PLATE FINISHES

ALL WALL DEVICES (RECEPTACLES, SWITCHES, DATA OUTLETS, ETC) AND COVER PLATES TO BE WHITE, EXCEPT:

- RECEIVING - ROOM 117, MECHANICAL ROOMS, AND SIMILAR AREAS WITH EXPOSED CONDUIT TO HAVE GALVANIZED STEEL COVER PLATES.
- IG RECEPTACLES TO BE ORANGE.

INTERGRATED POWER CENTER (IPC)
GENERAL NOTES AND CRITICAL DESIGN REQUIREMENTS

1. THE INTEGRATED POWER CENTER (IPC) SHALL BE DELIVERED IN TWO (2) SHIPPING SPLITS. SEE ELEVATION 6/E3.0 FOR ADDITIONAL INFORMATION. INSURE THAT ALL INTERNAL CONDUCTORS ARE TERMINATED PROPERLY. CONNECT CABINET SECTIONS FOR A COMPLETE INSTALLATION. SEE NOTE 11 BELOW.
2. PROVIDE A MAXIMUM OF 10'-0" PRODUCT WIDTH TO MEET THE FOOTPRINT REQUIREMENTS (INCLUDES N.E.C. CODE CLEARANCE).
3. TOP LIFT PROVISIONS FOR EASE OF LIFTING AND SETTING THE INTEGRATED POWER CENTER (IPC) AGAINST BUILDING WALL. THE ESTIMATED INTEGRATED POWER CENTER (IPC) WEIGHT IS 1800 LBS.
4. THE INTEGRATED POWER CENTER (IPC) WILL BE DELIVERED WITH THE TRANSFORMER LOOSE.
5. E.C. SHALL BE RESPONSIBLE FOR THE PURCHASE OF NATIONAL ACCOUNTS VENDOR'S INTEGRATED POWER CENTER (IPC) AND LOOSE PANELS INDICATED. E.C. SHALL PROVIDE PURCHASE ORDER TO NATIONAL ACCOUNTS VENDOR A MINIMUM OF 8 WEEKS PRIOR TO DELIVERY REQUIREMENTS (TO GUARANTEE A MANUFACTURING SLOT IN THE SCHEDULE TO MEET REQUESTED DELIVER DATE). CONTACT NATIONAL ACCOUNTS VENDORS FOR PURCHASING, DELIVERY, AND PRODUCT COORDINATION REQUIREMENTS. SEE SHEET P2.0 FOR NATIONAL ACCOUNT VENDORS CONTACT INFORMATION. NOTE: CONTACT NATIONAL ACCOUNTS VENDOR 2 WEEKS PRIOR TO DELIVERY TO CONFIRM DELIVERY AND OBTAIN SITE SPECIFIC PRODUCT DRAWINGS (FINAL EQUIPMENT LOCATIONS - STUB-UP COORDINATION).
6. E.C. RESPONSIBLE TO RE-TORQUE ALL PRE- WIRED FEEDER/ BRANCH CIRCUIT TERMINATIONS UPON DELIVERY OF THE INTEGRATED POWER CENTER (IPC).
7. E.C. RESPONSIBLE FOR OFF LOADING AND SETTING THE PREFABRICATED INTEGRATED POWER CENTER (IPC) WHEN IT ARRIVES ON SITE.
8. IT IS THE E.C.'S RESPONSIBILITY TO OBTAIN QUOTES FROM NATIONAL ACCOUNT VENDOR(S).
9. E.C. IS RESPONSIBLE TO GIVE NATIONAL ACCOUNTS VENDOR A 6 WEEK WRITTEN REQUEST OF THE REQUIRED ON-SITE DATE. SEE CONTACT INFORMATION FURNISHED IN #5 ABOVE.
10. E.C. IS TO CONTACT NATIONAL ACCOUNTS VENDOR TO OBTAIN SITE SPECIFIC DRAWINGS. DRAWINGS IN THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. NATIONAL ACCOUNTS VENDOR WILL PROVIDE A SET OF "AS-BUILT" DRAWINGS TO THE SUCCESSFUL E.C. SO ACCURATE ROUGH-IN COORDINATION CAN BE COMPLETED.
11. IT THE THE RESPONSIBILITY OF THE E.C. TO DETERMINE IF AN EXTERIOR MEANS OF DISCONNECT IS REQUIRED. IF SO, PLEASE REFER TO THE OPTIONS SECTION IN THE NATIONAL ACCOUNTS VENDOR PROPOSAL TO CHOOSE THE PRICE ADDER FOR A SHUNT TRIP OR FUSIBLE DISCONNECT.

ELECTRICAL GENERAL NOTES

1. ALL LED AND/OR FLUORESCENT LAMPS NOT INCLUDED WITH FIXTURES ARE FURNISHED BY THE GENERAL CONTRACTOR THROUGH NATIONAL ACCOUNT VENDOR.
2. PROVIDE FIXTURE SAFETY CHAINS WHERE REQUIRED.
3. ALL LAY-IN FIXTURES SHALL BE FURNISHED WITH "FIXTURE SUPPORT CLIPS" PER NEC SECTION 410.
4. OFFSET LIGHT FIXTURES AS NEEDED TO CLEAR STRUCTURAL BRIDGING ACROSS STORE.
5. ALL LIGHT SWITCHES SHALL BE LOCATED AS CLOSE AS POSSIBLE TO ADJACENT DOOR FRAMES AT A.D.A. HEIGHTS. COORDINATE LOCATIONS WITH ALL FIXTURES/EQUIPMENT.
6. ALL LIGHTING SHALL BE CIRCUITED AS SHOWN TO ALLOW MULTI-LEVEL SWITCHING FOR ENERGY MANAGEMENT CONTROL, SEE SHEET EM2.
7. CONDUIT AND PIPING SHALL BE ROUTED PARALLEL WITH WALLS IN MAIN SALES AND RECEIVING. RUNS SHALL BE GROUPED TOGETHER WHERE PRACTICAL & HOLD AS HIGH AS POSSIBLE AND SUSPEND TIGHT TO UNDERSIDE OF THE TOP CORD OF JOIST. ENTIRE INSTALLATION SHALL BE INSTALLED PER THE NEC.
8. PROVIDE ZERO DEGREE BALLASTS FOR FIXTURES LOCATED OUTSIDE.
9. ALL ELECTRICAL CONDUITS/WIRING MUST RUN OVERHEAD (UNO) UNLESS REQUIRED TO RUN UNDERGROUND. ANY EXCEPTIONS MUST BE APPROVED BY PETSMART CONSTRUCTION MANAGER.
10. SNAP SWITCHES THAT ARE GROUPED OR GANGED IN AN ENCLOSURE WITH OTHER SNAP SWITCHES OR SIMILAR DEVICES THAT THE VOLTAGE BETWEEN THE ADJACENT DEVICES EXCEEDS 300 VOLTS, MUST HAVE A PERMANENT BARRIER INSTALLED BETWEEN THE ADJACENT DEVICES PER THE N.E.C.
11. GENERAL CONTRACTORS SHALL CONTACT NATIONAL ACCOUNT VENDOR FOR BID PRICING ON FIRE AND BURGLAR ALARM SYSTEMS - SEE SPECIFICATIONS.
12. PROVIDE (2) PULL STRINGS IN EACH EMPTY CONDUIT FOR DATA & PHONE BOXES. PROVIDE PLASTIC BUSHINGS AT OPEN ENDS OF CONDUITS.
13. REFER TO ENERGY MANAGEMENT SHEETS EM1 & EM2 FOR SENSOR MOUNTING.
14. SEE ARCHITECTURAL ELEVATION DRAWINGS FOR EXACT PLACEMENT OF OUTLETS.
15. E.C. TO VERIFY EXACT CONDUIT SIZE PRIOR TO ROUGH-IN OF BOXES FOR PHONE AND DATA.
16. WHERE CONDUITS, DEVICE BOXES, ETC. ARE SURFACE MOUNTED, SEAL ALL PENETRATIONS WITH SIKA, SIKAFLEX 1A POLYURETHANE SEALANT.
17. ALL LIGHT FIXTURES DESIGNATED 'EM' OR 'NL' TO BE UNSWITCHED, UNO.
18. SEE SHEET E0.1 FOR ONE LINE DIAGRAM KEYED NOTES.
19. PROVIDE CONDUIT FOR LOW VOLTAGE WIRING WHEN REQUIRED BY CODE. TERMINATE PHONE & DATA WIRING AT PETSMART SERVER LOCATION.
20. ALARM PACKAGE: THE ALARM PACKAGE WILL REQUIRE AN AVERAGE OF 15 CONDUIT DROPS WITH BOXES, AND 35 BACK BOXES (ONLY) FOR CEILING MOUNTED DEVICES - THIS IS SUBJECT TO CHANGE BASED ON LOCAL REQUIREMENTS AND FINAL STORE DESIGN. ALL CEILING MOUNTED ALARM & INTRUSION DEVICES WILL REQUIRE A BACK BOX PROVIDED BY THE E.C. ANY QUESTIONS, CONTACT NATIONAL ACCOUNT VENDOR - EVERON (954) 235-9411. SEE ARCHITECTURAL DRAWING F2.0 PRODUCT SCHEDULE.
21. LED CIRCUIT: WHEN USING MULTI-BRANCH WIRE CIRCUITS WITH A SHARED NEUTRAL, DO NOT OPERATE ANY CIRCUIT WITH THE NEUTRAL OPEN. ALSO ENSURE ALL NEUTRAL CONNECTIONS ARE SECURE BEFORE ENERGIZING THE CIRCUIT. AN OPEN NEUTRAL CAN CAUSE AN OVERVOLTAGE CONDITION AT THE LUMINAIRE POWER SUPPLY.
22. E.C. IS RESPONSIBLE TO OBTAIN QUOTES FROM NATIONAL ACCOUNTS VENDOR.
23. **ALL EQUIPMENT, WATER LINES, CEILING GRID, HVAC DUCT WORK, ROOF LEADER PIPING, CONDUITS, LIGHT FIXTURES, AND FIRE SPRINKLER LINES MUST BE SUSPENDED FROM THE JOISTS ONLY, DO NOT LAY ALONG THE BOTTOM CHORD OF JOISTS OR SUSPEND FROM THE ROOF DECK.**

MINIMUM WIRE & CONDUIT SIZES
FOR CIRCUIT BREAKERS AND FUSES

AMPS	FEEDER	GROUND	CONDUIT
15	#12	#12	3/4"
20	#12	#12	3/4"
25	#10	#10	3/4"
30	#10	#10	3/4"
35	#8	#10	3/4"
40	#8	#10	3/4"
45	#8	#10	3/4"
50	#8	#10	3/4"
60	#6	#10	3/4"
70	#4	#8	1"
80	#4	#8	1"
90	#3	#8	1-1/4"
100	#3	#8	1-1/4"

PROVIDE THE FOLLOWING QUANTITIES:
- 1 POLE CIRCUIT - 1 HOT, 1 NEUTRAL, 1 GROUND
- 2 POLE CIRCUIT - 2 HOT, 1 GROUND
- 3 POLE CIRCUIT - 3 HOT, 1 GROUND
- 1 POLE IG CIRCUIT - 1 HOT, 1 NEUTRAL, 1 GROUND, 1 ISOLATED GROUND.

FAULT CURRENT SUMMARY

UTILITY X.F.M.R. SECONDARY:	20,056 A.I.C.
FUSED DISCONNECT SWITCH:	17,955 A.I.C.
MAIN DISTRIBUTION PANEL:	17,800 A.I.C.
PANEL "HA":	16,070 A.I.C.
PANEL "LDP":	7,187 A.I.C.
LIGHTING CONTACTORS:	9,171 A.I.C.
PANEL "LA":	6,6,40 A.I.C.
PANEL "LB":	1,776 A.I.C.
PANEL "FC":	4,479 A.I.C.
PANEL "GA":	2,848 A.I.C.
RTU-8 (NEAREST RTU/HIGHEST AVAILABLE FAULT CURRENT)	3,610 A.I.C.

CALCULATION BASED ON BUSSMANN 'POINT-TO-POINT' METHOD USING A 500kVA XFMR WITH 3% IMPENDENCE AND 833 A MOTOR CONTRIBUTION

ONE LINE DIAGRAM SYMBOL LEGEND

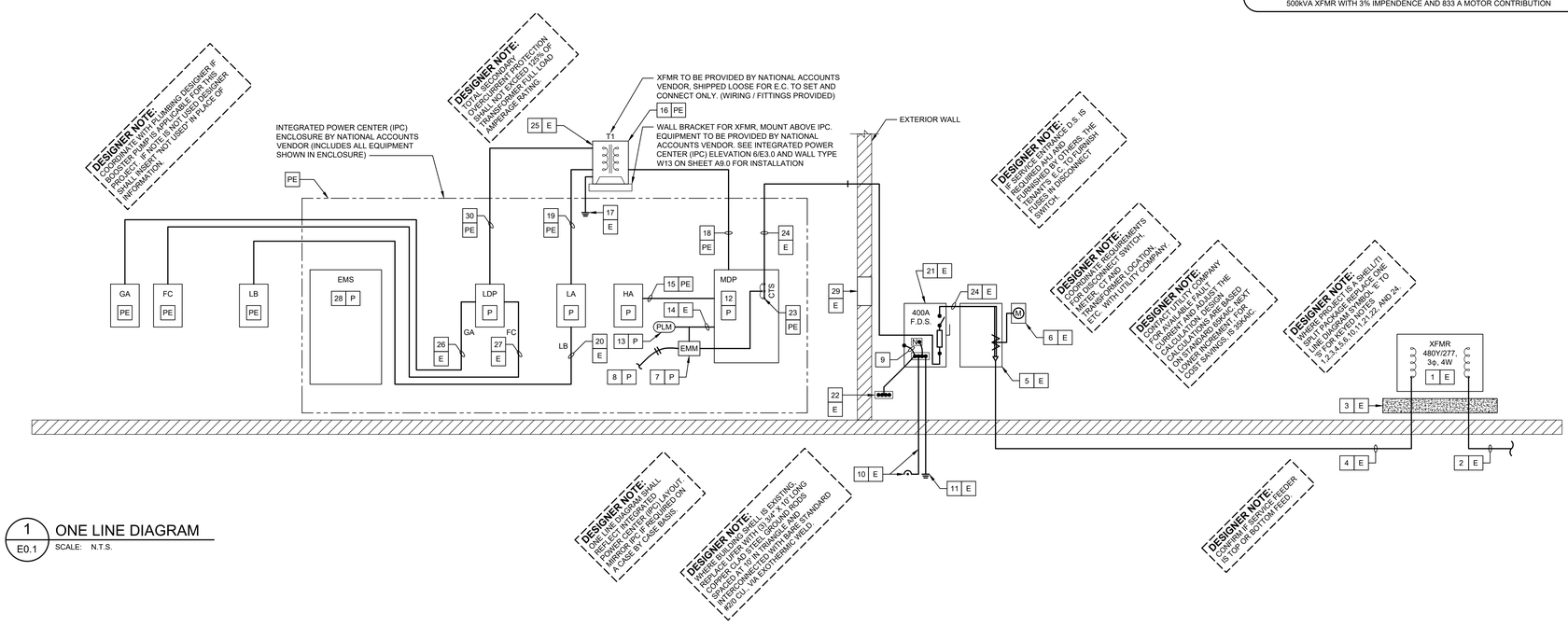
- P FURNISHED BY NATIONAL ACCOUNTS VENDOR WITHIN THE INTEGRATED POWER CENTER WITH EQUIPMENT INSTALLED AND FACTORY WIRED. E.C. SHALL WALL MOUNT AND RE-TORQUE ALL CONNECTIONS.
- E PROVIDED BY ELECTRICAL CONTRACTOR.
- PE FURNISHED BY NATIONAL ACCOUNTS VENDOR, INSTALLED BY ELECTRICAL CONTRACTOR.
- EX EXISTING TO REMAIN.
- S INSTALLED UNDER SHELL PORTION OF CONTRACT BY LANDLORD'S ELECTRICAL CONTRACTOR.

ONE LINE DIAGRAM KEYED NOTES

1. POWER COMPANY TRANSFORMER: ELECTRICAL CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY COMPANY. VERIFY SERIES RATING OF FUSE AND MAIN CIRCUIT BREAKER SUCH THAT THEIR A.I.C. RATING IS GREATER THAN AVAILABLE FAULT. SEE FAULT CALCULATION THIS SHEET.
2. PRIMARY SERVICE: CONDUIT SIZE PER UTILITY COMPANY PRIMARY FEED.
3. TRANSFORMER PAD: 6" MINIMUM CONCRETE, PER UTILITY COMPANY REQUIREMENTS.
4. 400A ELECTRICAL SERVICE: TWO (2) SETS OF 3" C. WITH (4) 3/0 CU (XHHW) PER UTILITY COMPANY REQUIREMENTS.
5. EXTERIOR C/T CABINET: PER UTILITY COMPANY REQUIREMENTS.
6. UTILITY COMPANY METER: PER UTILITY COMPANY REQUIREMENTS.
7. ENERGY MONITORING METER: SMARTCELL PHASE LOSS MONITOR KW PULSE METER PROVIDED, INSTALLED, & WIRED BY NATIONAL ACCOUNTS VENDOR IN INTEGRATED POWER CENTER (IPC) ENCLOSURE.
8. E.M.S. CONTROLLER: TO (E.M.S.) CONTROLLER. CONTRACTOR TO COORDINATE REQUIREMENTS WITH NATIONAL ACCOUNTS VENDOR.
9. MAIN BONDING JUMPER: #2/0 CU (VERIFY).
10. GROUND BOND: #2/0 CU. BOND TO COLD WATER MAIN AND BUILDING STEEL, EXTEND SYSTEM GROUND TO SPRINKLER.
11. GROUND ROD: THREE (3) 3/4" X 10' LONG COPPER CLAD STEEL RODS 10'-0" APART, PER N.E.C. 250.52 (3).
12. MDP: SEE MDP SCHEDULE.
13. PHASE LOSS MONITOR: PROVIDED BY NATIONAL ACCOUNTS VENDOR - INSTALLED WITHIN THE INTEGRATED POWER CENTER (IPC). (1) 2 CONDUCTOR 18 GA. TO EMS NATIONAL ACCOUNTS VENDOR CONTROLLER.
14. PHASE LOSS FEEDER: PROVIDE (3)#12 THHN CU, 1/2"C TO PHASE LOSS MONITOR - SEE SHEET EM2 FOR CONNECTION REQUIREMENT. CONDUCTOR LENGTH SHALL BE 12' MINIMUM.
15. 100A "HA" FEEDER: (4) #3 (XHHW) CU., (1) #8 CU. GROUND.
16. DISTRIBUTION TRANSFORMER: 150 KVA TP-1 ENERGY EFFICIENT XFMR. PRI: 480V DELTA, SEC: 120/208 WYE, 150°C RISE.
17. TRANSFORMER GROUND: PROVIDE #2/0 CU. GROUND TO BUILDING STEEL.
18. TRANSFORMER FEEDER: (3) #4/0 KCMIL (XHHW) CU., (1) #4 CU. GROUND, (IN 2 1/2" C. OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE).
19. 200A "LA" FEEDER: (4)#3/0 (XHHW) CU., (1) #6 CU. GROUND, (1) #6 ISOLATED GROUND, (IN 2 1/2" C. OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE).
20. 60A "LB" FEEDER: PROVIDE (4) #6 (XHHW) CU, (1) #8 CU GROUND, (1) #8 ISOLATED GROUND, (IN 1 1/2" CONDUIT OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE).
21. SERVICE ENTRANCE DISCONNECT: PROVIDE SERVICE ENTRANCE RATED 400A 3 PHASE - 480V WP DISCONNECT WITH 400A LPS OR LPJ FUSES.
22. INTERSYSTEM GROUND BAR: PROVIDE INTERSYSTEM GROUND BAR. PROVIDE #6 CU TO SERVICE GROUND PER NEC.
23. METER WIRING: SERVICE FEEDERS ROUTED THRU CT'S FOR SMARTCELL ENERGY MONITORING METER READINGS.
24. 400A ELECTRICAL SERVICE FEEDER WITH GROUND: TWO (2) SETS OF (4) #3/0 CU (XHHW), ONE (1) #3 CU. GROUND, IN TWO (2) 3" C. EACH.
25. ISOLATED GROUND: TERMINATE ISOLATED GROUND CONDUCTORS AT TRANSFORMER GROUND TAP.
26. 125A "GA" FEEDER: (4) #1 (XHHW) CU., (1) #6 CU. GROUND, (1) #6 ISOLATED GROUND, (IN 2" CONDUIT OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE).
27. 200A "FC" FEEDER: (4) #3/0 (XHHW) CU., (1) #6 CU. GROUND, (1) #6 ISOLATED GROUND (IN 2 1/2" CONDUIT OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE).
28. EMS: EMS/MISC CONTROL EQUIPMENT FURNISHED, INSTALLED AND WIRED BY NATIONAL ACCOUNTS VENDOR INTERNAL TO INTEGRATED POWER CENTER (IPC). EQUIPMENT TO INCLUDE: E.M.S., LIGHTING CONTACTORS, CONTROL POWER TRANSFORMERS, RELAYS/BASES & COMPUTER SHELF. REFER TO ENERGY MANAGEMENT SYSTEM DRAWINGS EM1, EM2, & E2.1 FOR ADDITIONAL INFORMATION.
29. ACCESS BOX FOR FUTURE TEMPORARY GENERATOR: FOR TEMPORARY CONNECTION TO GENERATOR (CONNECTION NOT IN CONTRACT). BOTTOM OF BOX AT 48" AFF. SEE DETAIL 11/E3.0.
30. 350A "LDP" FEEDER: TWO (2) SETS OF (4)#2/0 (XHHW) CU., (1) #3 CU. GROUND, (1) #6 ISOLATED GROUND, (IN 2 1/2" C. OUTSIDE OF NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) ENCLOSURE).

GENERAL UTILITIES NOTES

A. TEMPORARY POWER TO BE SUPPLIED AND PAID FOR BY THIS CONTRACTOR.
B. THE CONTRACTOR IS TO PAY FOR ALL THE UTILITIES USED IN THEIR SCOPE OF WORK.
C. PROVIDE TEMPORARY 480V POWER FOR FLOOR POLISHER, AND IF REQUIRED 208V TO 460V STEP-UP TRANSFORMER.



1 / E0.1 ONE LINE DIAGRAM
SCALE: N.T.S.

TENANT: PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

DRAWN BY: XXX

CHECKED BY: XXX

PAGE #: 01 OF: 47

DISCIPLINE: ELECTRICAL

TITLE: ELECTRICAL NOTES AND ONE-LINE DIAGRAM

SHEET NUMBER: **E0.1**

NOTES	MOUNT: INT. PWR CENTER			120/208			3-PHASE, 4W	PANEL		LA		CAPACITY: 200A			INT CAP: 10 KA				NOTES
	LOCATION: RECEIVING 117							LUGS: 200A MCB				DEMAND LOAD: 109 A			AC. FAULT: 6.6 KA				
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RCPT	HVAC	MISC	NP	CKT	
L	1		180				SPRINKLER RISER BELL	20	1	A	1	20	RCPT: RECEIVING		540				2	
L	3		900				RCPT: SPRINKLER ALARM	20	1	B	1	20	RCPT: SCRUBBER				1,200		4	
L	5		360				RCPT: PHONE BOARD	20	1	C	1	20	RCPT: AT COLUMN		540				6	
L	7		360				RCPT: PHONE BOARD	20	1	A	1	20	RCPT: RTU		720				8	
L	9		400				DRINKING FOUNTAIN: EWC-1	20	1	B	1	20	RCPT: FUTURE FREEZ./FRIDGE		180				10	
	11		360				RCPT: RESTROOMS	20	1	C	1	20	SPARE						12	
	13						SPARE	20	1	A	1	20	SPARE						14	
L	15				180		EMS ELECTRONICS CP-1	20	1	B	1	20	SPARE						16	
L	17				980		EMS OUTPUTS CP-1	20	1	C	1	20	CONTACTOR COILS				180		18	E
C	19			528			EXHAUST FAN: EF-4	20	1	A	2	30	BATTERY CHARGER				2,288		20	
C	21	360					LTG: AQUARIUMS	20	1	B							2,288		22	
C	23	960					LTG: FISH TANKS	20	1	C	1	20	SPARE		180				24	
	25				800		COOLER	20	1	A	1	20	EXHAUST FAN: EF-2			1,656			26	C
	27				800		COOLER	20	1	B	1	20	PUMP: RP-1				92		28	
	29				1,000		FREEZER	20	1	C	1	20	SPARE						30	
	31				1,000		FREEZER	20	1	A	1	20	SPARE						32	
	33						SPARE	20	1	B	1	20	SIGNS: SIDE - PETSMART	1,200					34	C
	35						SPARE	20	1	C	1	20	SIGNS: SIDE - PETSMART	1,200					36	C
	37					5,370	PANEL 'LB'	60	3	A	1	20	SIGNS: REAR - PETSMART	1,200					38	C
	39					4,600				B	1	20	SIGNS: FRONT - PETSMART	1,200					40	C
	41					4,408				C	1	20	SIGNS: ILLUMINATED LETTER	600					42	C

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	6.72	8.40	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	13.54	11.77	KVA	10 KVA + 50% REMAINDER NEC 220.44	38.63	KVA	39.22	KVA
A	14.64	KVA	37.9	HVAC	2.71	3.39	KVA	LOAD + 25% LARGEST MOTOR	107.31	A	108.94	A
B	13.40	KVA	34.7	MISC	15.66	15.66	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	10.59	KVA	27.4	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS WHEN THE PETSMART FIXTURE PLAN INCORPORATES A POWERED PALLET JACK AND/OR WALKIE POWERED LIFT, PROVIDE A DEDICATED DUPLEX RECEPTACLE AND LABEL CIRCUIT 1A-24 RCPT: PALLET JACK. UPDATE PANEL SCHEDULE LOADS AS REQUIRED.

NOTES	MOUNT: FLUSH			120/208			3-PHASE, 4W	PANEL		GA		CAPACITY: 125A			INT CAP: 10 KA				NOTES
	LOCATION: DRYING AREA 115							LUGS:		MLO		DEMAND LOAD: 39 A			AC. FAULT: 2.8 KA				
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RCPT	HVAC	MISC	NP	CKT	
G	1		1,260				RCPT: DRYER	20	1	A	1	20	RCPT: SALON		720				2	
G	3		1,260				RCPT: DRYER	20	1	B	1	20	RCPT: SALON		720				4	
G	5		1,260				RCPT: DRYER	20	1	C	1	20	RCPT: SALON		720				6	
G	7		1,260				RCPT: DRYER	20	1	A	1	20	RCPT: SALON		720				8	
G	9		1,260				RCPT: DRYER	20	1	B	1	20	RCPT: SALON		720				10	
G	11		360				RCPT: STAND DRYER	20	1	C	1	20	RCPT: SALON		720				12	
G	13		1,260				MASTER BLASTER DRYER	30	1	A	1	20	RCPT: SALON		720				14	
G	15		1,260				MASTER BLASTER DRYER	30	1	B	1	20	RCPT: SALON		720				16	
	17		120				BUZZER/HORN	20	1	C	1	20	RCPT: SALON		720				18	
	19						SPARE	20	1	A	1	20	RCPT: SALON		720				20	
	21						SPARE	20	1	B	1	20	IG RCPT: SALON CHECK-IN		360				22	
	23						SPARE	20	1	C	1	20	IG RCPT: SALON CHECK-IN		360				24	
	25						SPARE	20	1	A	1	20	IG RCPT: SALON CHECK-IN		360				26	
	27						SPARE	20	1	B	1	20	RCPT: SALON CHECK-IN		720				28	
	29						SPARE	20	1	C	1	20	SPARE						30	

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	0.00	0.00	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	18.30	14.15	KVA	10 KVA + 50% REMAINDER NEC 220.44	18.30	KVA	14.15	KVA
A	7.02	KVA	38.4	HVAC	0.00	0.00	KVA	LOAD + 25% LARGEST MOTOR	50.83	A	39.31	A
B	7.02	KVA	38.4	MISC	0.00	0.00	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	4.26	KVA	23.3	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

NOTES	MOUNT: INT. PWR CENTER			277/480			3-PHASE, 4W	PANEL		HA		CAPACITY: 100A			INT CAP: 65 KA				NOTES
	LOCATION: RECEIVING 117							LUGS:		MLO		DEMAND LOAD: 52 A			AC. FAULT: 16.1 KA				
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RCPT	HVAC	MISC	NP	CKT	
CL	1	2,556					LTG: SALES AREA	20	1	A	1	20	LTG: OFFICE/SUPPORT	868					2	CL
CL	3	2,045					LTG: SALES AREA	20	1	B	1	20	LTG: RESTROOM/SUPPORT	858					4	CL
CL	5	1,758					LTG: SALES AREA	20	1	C	1	20	LTG: EMERGENCY/NIGHT	234					6	L
CL	7	1,461					LTG: SALES AREA	20	1	A	1	20	LTG: ADOPTIONS	158					8	CL
C	9	666					LTG: RECEIVING	20	1	B	1	20	SPARE						10	
L	11	187					LTG: EMERGENCY/NIGHT	20	1	C	1	20	LTG: EXTERIOR	869					12	C
	13						SPARE	20	1	A	1	20	SPARE						14	
	15						SPARE	20	1	B	1	20	SPARE						16	
	17						SPARE	20	1	C	1	20	SPARE						18	
	19						SPARE	15	3	A	3	25	WATER HEATER: WH-1				4,487		20	
	21									B									22	
	23									C							4,487		24	
	25					700	DOCK LEVELER	15	3	A	3	25	WATER HEATER: WH-2				4,487		26	
	27					700				B							4,487		28	
	29					700				C							4,487		30	

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	11.66	14.57	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	0.00	0.00	KVA	10 KVA + 50% REMAINDER NEC 220.44	40.68	KVA	43.59	KVA
A	14.72	KVA	36.2	HVAC	0.00	0.00	KVA	LOAD + 25% LARGEST MOTOR	48.95	A	52.46	A
B	13.24	KVA	32.6	MISC	29.02	29.02	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	12.72	KVA	31.3	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. ALL CIRCUITS WITH EMERGENCY LIGHTING INCLUDED, EC SHALL PROVIDE CONSTANT HOT WIRE FOR ASSOCIATED EM LIGHT FIXTURES
C. FURNISH WITH SERIES RATING LABEL

DESIGNER NOTE: LOCATION FOR 15A/3P BREAKER (480V/3P) & APPROX. LOAD OF 3.2 AMPS FOR BOOSTER PUMP WHEN PLUMBING DETERMINES THE PUMP IS REQUIRED FOR LOCATIONS WITH LOW WATER PRESSURE. COORDINATE W/ PLUMBING DWGS.

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS, VERIFY IF BOOSTER PUMP IS REQUIRED. IF NEEDED, PROVIDE ELECTRICAL CONNECTION AND CIRCUITING AS REQUIRED. COORDINATE WITH PLUMBING CONTRACTOR.

DESIGNER NOTE: PERFORM FAULT CURRENT CALCULATIONS AND VERIFY IF SERIES RATING CAN BE ELIMINATED FOR PANEL HA.

DESIGNER NOTE: ADD NOTIFICATION FOR CONTRACTOR TO CONFIRM EXACT POWER REQUIREMENTS WITH MECH EQUIP. SHOP DRAWINGS AND/OR NAMEPLATE DATA PRIOR TO ORDERING NATIONAL ACCOUNTS VENDOR ELECTRICAL DISTRIBUTION EQUIPMENT.

NOTES	MOUNT: FLUSH			120/208			3-PHASE, 4W	PANEL		LB		CAPACITY: 60A			INT CAP: 10 KA				NOTES
	LOCATION: MANAGER/VAULT 104							LUGS:		MLO		DEMAND LOAD: 40 A			AC. FAULT: 1.8 KA				
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RCPT	HVAC	MISC	NP	CKT	
L	1		180				IG RCPT: CHECK-OUT #1	1	20	A	1	20	RCPT: CHECK-OUTS		900				2	
L	3		180				IG RCPT: CHECK-OUT #2	1	20	B	1	20	RCPT: CHECK-OUT AREA		360				4	
L	5		180				IG RCPT: CHECK-OUT #3	1	20	C	1	20	RCPT: TAG MACHINE		180				6	
	7				1,200		AUTOMATIC DOOR	1	20	A	1	20	RCPT: BIRD DETERRENT		500				8	
L	9		180				RCPT: SECURITY CIRCUIT	1	20	B	1	20	SODA COOLER					540	10	
L	11		720				IG: SERVER COMP/COPY	1	20	C	1	20	QUEUE LINE FREEZER					540	12	
L	13		400				RCPT: MUSIC EQUIP. RACK	1	20	A	1	20	RCPT: RTU		720				14	
	15		1,080				RPT: COM/COPY,MGR/VAULT	1	20	B	1	20	RCPT: EXTERIOR BUILDING		360				16	
	17		540				IG: COMP/COPY,MGR/VAULT	1	20	C	1	20	SPARE						18	
	19		360				IG QUAD: MANAGER/VAULT	1	20	A	1	20	SPARE						20	
	21		360				RCPT: BOPIS CLOSET	1	20	B	1	20	SPARE						22	
	23		180				RCPT: ASSOC. RESOURCE	1	20	C	1	20	EXHAUST FAN: EF-1			528			24	C
	25		540				RCPT: ASSOC. RESOURCE	1	20	A	1	20	RCPT: ASSOC.RES. FRIDGE				570		26	
	27		540				RCPT: ASSOC. RESOURCE	1	20	B	1	20	RCPT: ASSOC.RES. VENDING				1,000		28	G
	29		540				RCPT: ASSOC. RESOURCE	1	20	C	1	20	RCPT: ASSOC.RES. VENDING				1,000		30	G

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	0.00	0.00	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	9.00	9.00	KVA	10 KVA + 50% REMAINDER NEC 220.44	14.38	KVA	14.51	KVA
A	5.37	KVA	37.3	HVAC	0.53	0.66	KVA	LOAD + 25% LARGEST MOTOR	39.94	A	40.31	A
B	4.60	KVA	32.0	MISC	4.85	4.85	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	4.41	KVA	30.7	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

NOTES	MOUNT: INT. PWR CENTER			277/480			3-PHASE, 4W	PANEL		MDP		CAPACITY: 400A			INT CAP: 65 KA				NOTES
	LOCATION: RECEIVING 117							LUGS: 400A MCB				DEMAND LOAD: 257 A			AC. FAULT: 17.8 KA				
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RECP	HVAC	MISC	NP	CKT	
				3,379						A						2,992				
H	1			3,379			RTU-1 (6 TONS)	20	3	B	3	15	RTU-2 (4 TONS)			2,992			2	H
				3,379						C						2,992				
				3,213						A						6,260				
H	3			3,213			RTU-3 (5 TONS)	20	3	B	3	30	RTU-4 (10 TONS)			6,260			4	H
				3,213						C						6,260				
				3,213						A						6,260				
H	5			3,213			RTU-5 (5 TONS)	15	3	B	3	30	RTU-6 (10 TONS)			6,260			6	H
				3,213						C						6,260				
				6,260						A						3,379				
H	7			6,260			RTU-7 (10 TONS)	30	3	B	3	20	RTU-8 (6 TONS)			3,379			8	H
				6,260						C						3,379				
										A										
	9						SPACE	--	--	B	--	--	SPACE						10	
										C										
										A								14715		
	11						SPACE	--	--	B	3	100	PANEL 'HA'					13243	12	
										C								12722		
						28,592	XFMR:T1-LA, LDP			A								50		
	13					28,880	RELATED 150 KVA	225	3	B	3	15	VERIS WATT TRANSDUCER (VWT)/ PHASE LOSS MON (PLM)					50	14	
						22,378	LOAD 80 KVA			C								50		
							400A FRAME MOBILE			A										
	15						GEN BREAKER W/ MECH	400	3	B	3	--	DEDICATED SPACE						16	
							INTERLOCK & AUX. SW			C										

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	18.38	22.97	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	45.32	27.66	KVA	10 KVA + 50% REMAINDER NEC 220.44	225.50	KVA	213.96	KVA
A	78.31	KVA	34.7	HVAC	111.76	113.28	KVA	LOAD + 25% LARGEST MOTOR	271.36	A	257.48	A
B	77.13	KVA	34.2	MISC	50.05	50.05	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	70.11	KVA	31.1	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. SERVICE ENTRANCE RATED
C. M.C.B. TO BE PROVIDED WITH MECHANICAL KIRK-KEY INTERLOCKED WITH MOBILE GENERATOR BREAKER
D. BREAKERS FOR RTU'S ARE TO BE 'HACR' RATED. CONFIRM POWER REQUIREMENTS W/ MECHANICAL EQUIPMENT SHOP DRAWINGS PRIOR TO ORDERING INTEGRATED POWER CENTER

NOTES	MOUNT: INT. PWR CENTER			120/208			3-PHASE, 4W	PANEL		LDP		CAPACITY: 350A			INT CAP: 10 KA				NOTES
	LOCATION: RECEIVING 117							LUGS: 350A MCB				DEMAND LOAD: 87 A			AC. FAULT: 7.2 KA				
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RCPT	HVAC	MISC	NP	CKT	
	1					7020				A								6930	2	
	3					7020	PANEL 'GA'	125	3	B	3	200	PANEL 'FC'					8460	4	
	5					4260				C								7530	6	
	7						SPACE	--	1	A	1	--	SPACE						8	
	9						SPACE	--	1	B	1	--	SPACE						10	
	11						SPACE	--	1	C	1	--	SPACE						12	
	13						SPACE	--	1	A	1	--	SPACE						14	
	15						SPACE	--	1	B	1	--	SPACE						16	
	17						SPACE	--	1	C	1	--	SPACE						18	
	19						SPACE	--	1	A	1	--	SPACE						20	
	21						SPACE	--	1	B	1	--	SPACE						22	
	23						SPACE	--	1	C	1	--	SPACE						24	
	25						SPACE	--	1	A	1	--	SPACE						26	
	27						SPACE	--	1	B	1	--	SPACE						28	
	29						SPACE	--	1	C	1	--	SPACE						30	

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	0.00	0.00	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	31.78	20.89	KVA	10 KVA + 50% REMAINDER NEC 220.44	41.18	KVA	31.33	KVA
A	13.95	KVA	33.9	HVAC	4.18	5.22	KVA	LOAD + 25% LARGEST MOTOR	114.38	A	87.03	A
B	15.48	KVA	37.6	MISC	5.22	5.22	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	11.79	KVA	28.6	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS
C. PROVIDE WITH SUB-FEED BREAKER

NOTES	MOUNT: FLUSH			120/208			3-PHASE, 4W	PANEL		FC		CAPACITY: 200A			INT CAP: 10 KA				NOTES
	LOCATION: HOLDING ROOM 122							LUGS:		MLO		DEMAND LOAD: 66 A			AC. FAULT: 4.5 KA				
	CKT	LTG	RCPT	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	POLE	AMP	DESCRIPTION	LTG	RECP	HVAC	MISC	NP	CKT	
	1		180				RCPT: FISH PREP	20	1	A	1	20	SPARE						2	
	3				540		RCPT: FISH PREP - FRIDGE	20	1	B	1	20	SPARE						4	
	5		360				RCPT: FISH EQUIPMENT	20	1	C	1	20	EXHAUST FAN: EF-3			1,176			6	C
	7				1,200		RCPT: FISH EQUIP - FREEZER	20	1	A	1	20	SPARE						8	
	9				1,920		PD: LARGE AQUARIUMS	20	1	B	1	20	SPARE						10	
	11				360		PD: HABITAT - RIGID	20	1	C	1	20	SPARE						12	
	13				480		PD: HABITAT - RIGID	20	1	A	1	20	SPARE						14	
	15				360		PD: HABITAT - RIGID	20	1	B	2	20	ELECTRIC UNIT HEATER EUH-1			750			16	
	17				180		PD: HABITAT - RIGID	20	1	C						750			18	
	19				180		PD: HABITAT - RIGID	20	1	A	2	20	ELECTRIC UNIT HEATER EUH-2			750			20	
	21						SPARE	20	1	B						750			22	
G	23		1,200				RCPT: FISH EQUIPMENT	20	1	C	1	20	SPARE						24	
G	25		1,200				RCPT: FISH EQUIPMENT	20	1	A	1	20	SPARE						26	
G	27		1,200				RCPT: FISH EQUIPMENT	20	1	B	1	20	SPARE						28	
G	29		1,200				RCPT: FISH EQUIPMENT	20	1	C	1	20	RCPT: ADOPTION		360				30	
G	31		1,200				RCPT: FISH EQUIPMENT	20	1	A	1	20	RCPT: HOLDING ROOM #1		540				32	
G	33		1,200				RCPT: FISH EQUIPMENT	20	1	B	1	20	RCPT: HOLDING ROOM #2		540				34	
G	35		1,200				RCPT: FISH EQUIPMENT	20	1	C	1	20	MOTOR DAMPERS MD-1,2			44			36	
G	37		1,200				RCPT: FISH EQUIPMENT	20	1	A	1	--	SPACE						38	
G	39		1,200				RCPT: FISH EQUIPMENT	20	1	B	1	--	SPACE						40	
G	41		700				RCPT: TURTLE EQUIPMENT	20	1	C	1	--	SPACE						42	

PHASE BALANCE				LOAD TYPE	CONNECTED (KVA)	DEMAND		DEMAND FORMULA	TOTAL LOAD			
				LIGHTING	0.00	0.00	KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED		DEMAND	
Φ	LOAD		%	RECEPTACLE	13.48	13.48	KVA	10 KVA + 50% REMAINDER NEC 220.44	22.88	KVA	23.92	KVA
A	6.93	KVA	30.3	HVAC	4.18	5.22	KVA	LOAD + 25% LARGEST MOTOR	63.54	A	66.44	A
B	8.46	KVA	37.0	MISC	5.22	5.22	KVA	LOAD X 100% NEC 210.19 NON-CONT.				
C	7.53	KVA	32.9	NP	0.00	0.00	KVA	0 NONCOINCIDENTAL LOADS NEC 220.60				

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

PANEL BREAKER NOTES

L	PROVIDE BREAKER WITH HANDLE "LOCK-ON" DEVICE
C	CIRCUIT THRU CONTACTOR PANEL FOR ENERGY MANAGEMENT CONTROL - SEE SHEET EM2
G	G.F.C.I. CIRCUIT BREAKER
E	EMS LIGHTING CONTACTOR COIL POWER
H	CIRCUIT BREAKER SHALL BE HACR RATED
GF	30ma GFP CIRCUIT BREAKER

GENERAL NOTE

ELECTRICAL CONTRACTOR SHALL EITHER PROVIDE MULTI-POLE CIRCUIT BREAKERS OR UL LISTED HANDLE TIES FOR ALL CIRCUIT BREAKERS IN PANELBOARDS WITH MULTI-WIRE CIRCUITS, PER SECTION 210.4(B), IN ACCORDANCE WITH 2008 N.E.C. & LATER. ELECTRICAL CONTRACTOR SHALL EXECUTE MEANS & METHODS IN ACCORDANCE WITH APPLICABLE SECTION(S) OF N.E.C. & THE LOCAL AUTHORITY HAVING JURISDICTION.

EQUIPMENT SCHEDULE

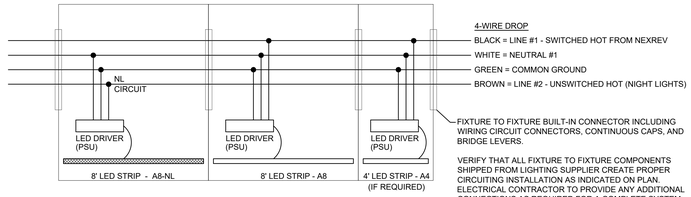
MARK	DESCRIPTION	LOAD	VOLT/ PHASE	FEED	FLA	MCA	PANEL MDCP	LOCAL NFS	DUCT SMOKE DETECTOR
RTU-1	ROOF TOP UNIT	10,138	480/3	MDP	12.2	15.0	20	30	REQUIRED - NOTE 1
RTU-2	ROOF TOP UNIT	8,975	480/3	MDP	10.8	13.0	15	30	REQUIRED - NOTE 1
RTU-3	ROOF TOP UNIT	9,640	480/3	MDP	11.6	14.0	15	30	REQUIRED - NOTE 1
RTU-4	ROOF TOP UNIT	18,781	480/3	MDP	22.6	25.0	30	30	REQUIRED - NOTE 1
RTU-5	ROOF TOP UNIT	9,640	480/3	MDP	11.6	14.0	15	30	REQUIRED - NOTE 1
RTU-6	ROOF TOP UNIT	18,781	480/3	MDP	22.6	25.0	30	30	REQUIRED - NOTE 1
RTU-7	ROOF TOP UNIT	18,781	480/3	MDP	22.6	25.0	30	30	REQUIRED - NOTE 1
RTU-8	ROOF TOP UNIT	10,138	480/3	MDP	12.2	15.0	20	30	REQUIRED - NOTE 1
WH-1	WATER HEATER	13,462	480/3	HA	16.2	20.3	25	30	NOT APPLICABLE
WH-2	WATER HEATER	13,462	480/3	HA	16.2	20.3	25	30	NOT APPLICABLE

MECHANICAL EQUIPMENT GENERAL NOTES:
1. PROVIDE NON-FUSED LOCAL DISCONNECT SWITCH RATED AT 14 kAIC. CONDUIT SHALL PENETRATE ROOF INSIDE CURB. ALL CONDUITS FOR POWER AND CONTROL WIRING MUST BE RUN INSIDE THE ROOF CURB TO ALL EQUIPMENT. DO NOT PENETRATE THE ROOF OUTSIDE THE ROOF

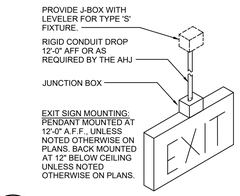
LIGHT FIXTURE SCHEDULE

TYPE	MANUFAC.	CATALOG#	VOLT.	LAMP TYPE	WATTS	DESCRIPTION / REMARKS	QTY.
A4	GE LIGHTING	LUS-C4-A-0-52-V1-T-35-VQ-CS -WHTE-BC	MVOLT	LED	37	4 1/2" WIDE X 8" HIGH X4' LONG LED LINEAR LIGHT FIXTURE, 3500K. FIXTURE SUSPENDED AT 14'-0" A.F.F. IN SALES AREA 101. REFER TO MOUNTING DETAIL 3/E1.0. SEE NOTE 2,4,6,7.	8
A8	GE LIGHTING	LUS-C8-A-0-A0-V1-T-35-VQ-CS -WHTE-BC	MVOLT	LED	73	4 1/2" WIDE X 8" HIGH X 8' LONG LED LINEAR LIGHT FIXTURE, 3500K. FIXTURE SUSPENDED AT 14'-0" A.F.F. IN SALES AREA 101. REFER TO MOUNTING DETAIL 3/E1.0. SEE NOTE 2,4,6,7.	91
A8NL	GE LIGHTING	LUS-C8-A-0-A0-V1-T-35-VQ-CS -WHTE-BC	MVOLT	LED	73	4 1/2" WIDE X 8" HIGH X 8' LONG LED LINEAR LIGHT FIXTURE, 3500K. FIXTURE SUSPENDED AT 14'-0" A.F.F. IN SALES AREA 101. CIRCUIT SECOND LINE FOR NIGHT LIGHT FIXTURE. REFER TO DETAIL 5/E1.0. SEE NOTE 2,4,6,7.	11
BA	METALUX	22FP4235C	MVOLT	LED	39	2'X2' LED FLAT DIFFUSED LENS LAY-IN LIGHT FIXTURE, 3500K. 4300 LUMENS	49
CA	LITHONIA	WL4-40L-EZ1-LP835	MVOLT	LED	40	5" WIDE X 4" HIGH X 4' LONG LED LENSED WALL BRACKET LIGHT FIXTURE, 3500K. MOUNT FIXTURE AT 8'-0" AFF, UNO.	2
CB	COOPER	S122DW-C-1005D-8-30-4FO-1-U-DD-F-W	MVOLT	LED	43	2.4" WIDE X 4" HIGH X 4' LONG LED LENSED WALL MOUNTED LIGHT FIXTURE , 3000K. MOUNT FIXTURE AT 9'-0" AFF, UNO.	3
EM	LITHONIA	ELM6L-UVOLT-LTP-SDRT	MVOLT	LED	11	EMERGENCY BATTERY UNIT WITH 2-LAMP HEADS. EMERGENCY LIGHT FIXTURES IN MAIN SALES & AREAS TO ROOF DECK SHALL BE MOUNTED TO UNDERSIDE OF JOIST. EMERGENCY LIGHT FIXTURES IN AREAS WITH CEILINGS SHALL BE SURFACE MOUNTED ON CEILING. EMERGENCY LIGHT FIXTURES IN FISH PREP 120 & FISH EQUIPMENT121 SHALL BE AT 12'-0" AFF TO BOTTOM OF UNIT. MOUNT FIXTURE TO ENSURE TEST BUTTON ON THE FIXTURE FACES AWAY FROM THE CLOSEST WALL.	41
G4	GE LIGHTING	LUS-I4-A-0-52-V1-T-35-VQ-CS-WHTE	MVOLT	LED	37	4 1/2" WIDE X 8" HIGH X 4' LONG LED LINEAR LIGHT FIXTURE, 3500K. IN RECEIVING 117 MOUNT LIGHTS IN BETWEEN JOISTS, ABOVE BOTTOM CHORD OF BAR JOISTS. IN FISH PREP. 120 MOUNT LIGHT AT 10'-0" AFF.	24
L	LUMARK	XTOR6BRL	MVOLT	LED	58	LED WALL PACK. MOUNT AT 14'-6" A.F.F. TO CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE. DARK BRONZE FINISH. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.	14
M	GE LIGHTING	LRC-6R-0-15-NR-SD-CL-MR-8-35-LQ	MVOLT	LED	19	6" LED OPEN DOWN LIGHT WITH GE #93025091 - FRAMER KIT. UL LISTED FOR DAMP LOCATIONS	3
S	LITHONIA	LQM-S-W-R-MVOLT-EL-HO	MVOLT	LED	1	EXIT SIGN, RED LETTERS, WITH BATTERY PACK. SEE DETAIL 4/E1.0. PENDANT MOUNTED EXIT SIGN(S) IN MAIN SALES AND/OR AREAS OPEN TO ROOF DECK. SHALL BE AT 12'-0" AFF TO BOTTOM OF SIGN.	18
W	LITHONIA	ELM6L-UVOLT-LTP-SDRT-LLH	MVOLT	LED	-	EMERGENCY BATTERY UNIT W/O LAMP HEADS TO PROVIDE BATTERY POWER FOR EXTERIOR REMOTE HEADS.	3
X	LITHONIA	ELMRW-SP640L-DWHXD-T	6 (LOW VOLT.)	(2) 1.5W LAMPS, FURNISHED W/FIXTURE	3	REMOTE LAMP HEADS FOR EXTERIOR EMERGENCY LIGHTING. CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED WIRE SIZE BETWEEN BATTERY POWER PACK AND REMOTE HEADS FOR VOLTAGE DROP. MOUNT 1'-0" ABOVE DOOR HEADER UNLESS NOTED OTHERWISE.	3

1. CONTRACTOR SHALL CONTACT LIGHTING DISTRIBUTOR FOR ORDERING INFORMATION. THIS IS A REQUIRED VENDOR, SEE REQUIRED VENDOR LIST ON F2.0
2. SEE PLAN FOR LENGTH AND QUANTITY OF LINEAR FIXTURES PER ROW FOR TYPES 'A4', 'A8' AND 'A8NL'. (37 WATTS PER 4 FOOT LENGTH)
3. ELECTRICAL CONTRACTOR TO VERIFY ALL QUANTITIES OF LIGHT FIXTURES PRIOR TO ORDERING FIXTURES.
4. FURNISH FIXTURE WITH ALL NECESSARY STARTER KITS, JOINERS, CONNECTIONS, ENDCAPS, ETC. FOR A COMPLETE AND CONTINUOUS FIXTURE LENGTH RUN.
5. **ALL LIGHT FIXTURES IN THIS SCHEDULE MAY NOT BE APPLICABLE TO THIS PROJECT.**
6. LIGHT FIXTURES TO BE SUPPLIED WITH 21' MOUNTING CABLES, POWER FEED CABLE, AND MOUNTING BRACKETS WITH SUSPENSION KIT.
7. GE STARTER KIT (10 ROW) #93046696-WH FOR CONTINUOUS ROW FIXTURES. PROVIDE (1) STARTER KIT PER CONTINUOUS ROW.

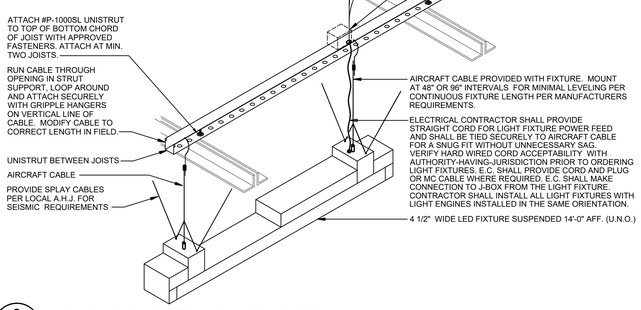


5 SALES AREA LIGHTING FIXTURE WIRING DETAIL
E1.0 SCALE: N.T.S.



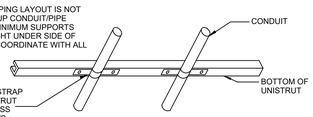
4 PENDANT MOUNT EXIT SIGN
E1.0 SCALE: N.T.S.

NOTES:
1. CONTRACTOR TO PROVIDE ALL NECESSARY HARDWARE FOR INSTALLATION.
2. LIGHT FIXTURES THAT RUN PARALLEL WITH THE JOISTS SHALL REQUIRE TWO (2) SEPARATE PIECES OF UNISTRUT, ONE (1) AT EACH END OF LIGHT FIXTURE FOR THE AIRCRAFT CABLE HANGERS.
3. AIR CRAFT CABLE TO BE TRIMMED AFTER FIXTURE INSTALLATION.
4. VERIFY LIGHT FIXTURE AND INSTALLATION WITH PETSMART PROJECT REPRESENTATIVE(CONFIGURATION VARIES PER PROJECT).
5. CONTRACTOR TO BID GREATER THAN 10 FEET AIR CRAFT CABLE BASED ON SITE SPECIFIC CONDITIONS.
6. PROVIDE AND INSTALL SEISMIC RESTRAINT FOR LIGHT FIXTURES AS REQUIRED BY LOCAL BUILDING CODE
7. **ALL EQUIPMENT, WATER LINES, CEILING GRID, HVAC DUCT WORK, ROOF LEADER PIPING, CONDUITS, LIGHT FIXTURES, AND FIRE SPRINKLER LINES MUST BE SUSPENDED FROM THE JOISTS ONLY, DO NOT LAY ALONG THE BOTTOM CHORD OF JOISTS OR SUSPEND FROM THE ROOF DECK.**



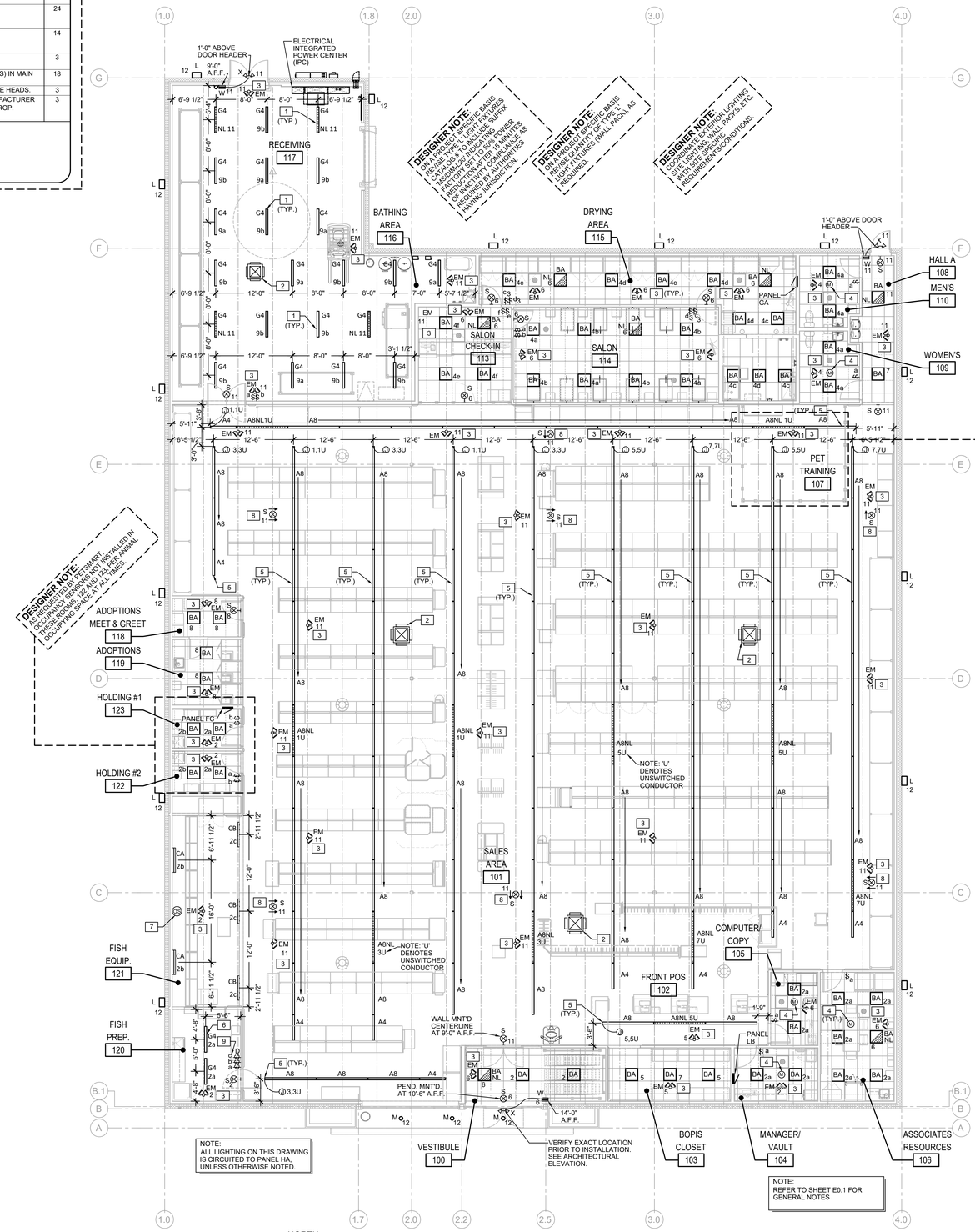
3 LIGHTING FIXTURE MOUNTING DETAIL
E1.0 SCALE: N.T.S.

NOTE:
IF CONDUIT PIPING LAYOUT IS NOT SHOWN, GROUP CONDUIT/PIPE ROUTE FOR MINIMUM SUPPORTS AND HOLD TIGHT UNDER SIDE OF ROOF DECK. COORDINATE WITH ALL TRADES.



MINIMUM SPACING BETWEEN SUPPORTS:
CONDUIT --------- 1/2" THRU 1-1/4" ---------- 3' EMT
OR ---------- 1-1/2" THRU 2" ------------ 8'

2 CONDUIT/PIPE SUPPORT
E1.0 SCALE: N.T.S.



1 LIGHTING FLOOR PLAN
E1.0 SCALE: 1/8" = 1' - 0"

NORTH

DESIGNER NOTE: DESIGNER TO SPECIFY IN LIGHT FIXTURE SCHEDULE IF ON DRAWING IF A LIGHT FIXTURE IS SUPPLIED BY ANOTHER SOURCE (OTHER THAN LOCAL ACCESS, ELECTRICIAN, OWNER PERFORMED, ETC.) REMOVED, ETC. REVISED NOTE IS APPROPRIATE. CONTACT INFORMATION

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS REVISE TYPE 'L' LIGHT FIXTURES CATALOG # TO INCLUDE SUFFIX 'MEDIUM' INDICATING SUFFIX FACTORY SET TO 50% POWER OR FACTORY SET TO 35% POWER. CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED WIRE SIZE BETWEEN BATTERY POWER PACK AND REMOTE HEADS FOR VOLTAGE DROP. MOUNT 1'-0" ABOVE DOOR HEADER UNLESS NOTED OTHERWISE. REQUIRED FOR 15 MINUTES OF INSTANTANEOUS EMERGENCY ILLUMINANCE AS REQUIRED BY AUTHORITY HAVING JURISDICTION

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS REVISE QUANTITY OF TYPE 'L' LIGHT FIXTURES (WALL PACK), AS REQUIRED

DESIGNER NOTE: SITE LIGHTING, EXTERIOR LIGHTING WITH SITE SPECIFIC PACKS, ETC. REQUIREMENTS/CONDITIONS

DESIGNER NOTE: DESIGNER TO CONFIRM WITH MANUFACTURER IF CERTAIN AT LEAST TWO (2) LIGHTS MAINTAINED IN THE MAIN LOCATIONS AS CLOSE TO CENTER AS POSSIBLE) TRAINING AREA WHERE PRESENTATIONS WILL BE GIVEN TO ENSURE PRESENTERS ARE ILLUMINATED AS THEY FACE THE AUDIENCE. TRAINING AREA FIXTURE, AS POSSIBLE)

DESIGNER NOTE: DESIGNER TO CONFIRM WITH MANUFACTURER IF CERTAIN AT LEAST TWO (2) LIGHTS MAINTAINED IN THE MAIN LOCATIONS AS CLOSE AS POSSIBLE TO CENTER AS POSSIBLE) TWO (2) ROWS ON LINEAR PENDANT LIGHTS DOWN MAIN AISLE

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS WHEN REQUIRED BY CODE OF A.H.J. DESIGNER SHALL INCORPORATE APPROPRIATE LIGHTING NOTES AND REQUIREMENTS TO COMPLY WITH SEISMIC REQUIREMENTS

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS REVISE LIGHT FIXTURE SPACING FROM 12'-0" (LEVEL) TO 9'-0" (LEVEL) AS REQUIRED FROM CODE DIMENSIONS. 3) FOR WIDER STORE

DESIGNER NOTE: ENSURE THAT PROTOTYPE FOOT CANDLE LEVELS ARE MAINTAINED IN THE MAIN SALES AREA AND TO 50 FOOT CANDLE AVERAGES AND 25 FOOT CANDLE AVERAGES IN BACK ROOM AND 30 FOOT CANDLE AVERAGES WHEN WORKING ON A PROTOTYPE BUILDING IS BEING USED

DESIGNER NOTE: DESIGNER TO ENSURE THAT LIGHTING COMPLIES WITH APPLICABLE ENERGY CODE AND ADD ADDITIONAL SWITCHES AS REQUIRED

LIGHTING KEY NOTES

1. RECEIVING LIGHTS: MOUNT IN BETWEEN JOISTS ABOVE BOTTOM CHORD OF BAR JOISTS.
2. SUPPLY AIR DROP BOX: OUTLINE OF RTU SUPPLY AIR DROP BOX SHOWN HERE TO AVOID INTERFERENCE WITH SALES/RECEIVING AREA LIGHT FIXTURES.
3. EMERGENCY FIXTURE: MOUNTED TO UNDERSIDE OF JOISTS IN OPEN CEILING AREAS TO CREATE A PATH OF EGRESS. PROVIDE UNSWITCHED HOT WIRE TO BATTERY BACK-UP SYSTEM.
4. SENSOR/SWITCH SEQUENCE WIRING: ROUTE LIGHTING CIRCUIT WIRING THRU (1) CEILING MOUNTED OCCUPANCY SENSOR, (2) THRU TO WALL SWITCH, (3) THEN TO LIGHT FIXTURE FOR A COMPLETE OPERABLE LIGHTING CONTROL SYSTEM.
5. SALES FIXTURE MOUNTING: PENDANT FIXTURES MOUNTED AT 14'-0" AFF.
6. FISH AREA FIXTURE MOUNTING: PENDANT FIXTURE MOUNTED AT 10'-0" AFF.
7. FISH AREA OCCUPANCY SENSOR: PROVIDE OCCUPANCY SENSOR FOR SECONDARY CONTROL OF LIGHT FIXTURES BEHIND FISH TANKS. **MOUNT SENSOR ON WALL BEHIND TANKS AT 84" AFF.**
8. EXIT SIGN: EXIT SIGN TO BE PENDANT MOUNTED AT 12'-0" AFF, REFER TO DETAIL 4/E1.0.
9. DIMMER SWITCH: PROVIDE LUTRON DVSTV-WH (OR APPROVED EQUAL), 8A, 120/277V (WHITE). CONNECT DIMMER SWITCH TO TYPE CB LIGHT FIXTURES AT FISH AREA. DIMMER WIRES SHALL BE GRAY/VIOLET. DO NOT RUN LOW-VOLTAGE DIMMING WIRES WITH LINE VOLTAGE WIRES.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:
THIS DRAWING AND DESIGN IN COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE

1"

DRAWN BY: XXX

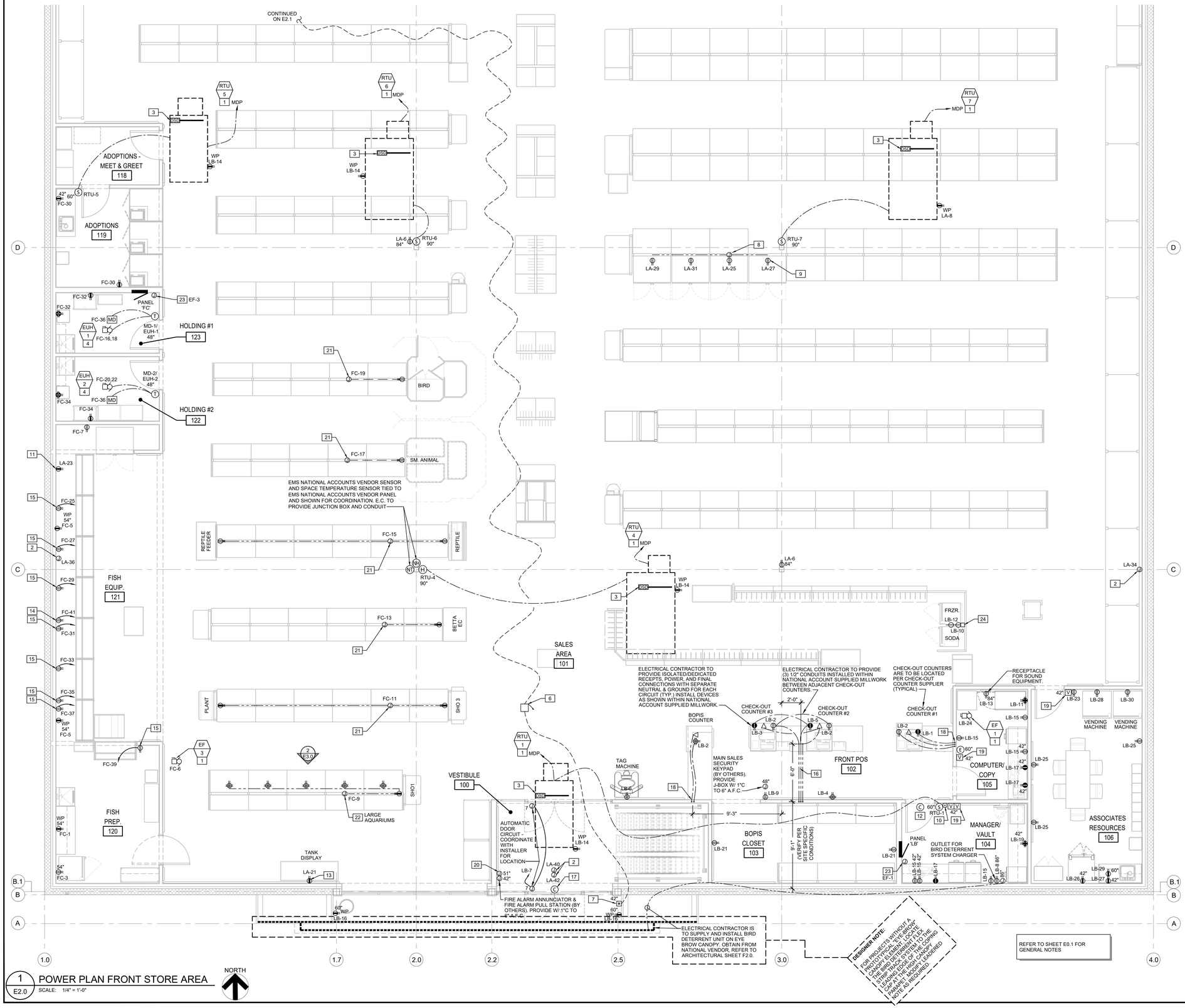
CHECKED BY: XXX

PAGE #: 01 OF: 47

DISCIPLINE: ELECTRICAL

TITLE:
LIGHTING FLOOR PLAN

SHEET NUMBER:
E1.0

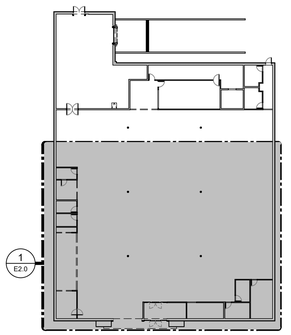


1 E2.0 POWER PLAN FRONT STORE AREA
SCALE: 1/4" = 1'-0"

NORTH

ELECTRICAL KEYNOTES

#	
1	RTU'S & EXHAUST FAN'S: CONDUITS FOR POWER AND ANY CONTROL WIRING TO EQUIPMENT ON THE ROOF MUST BE RUN INSIDE THE ROOF CURB. DO NOT PENETRATE THE ROOF WITH ANY CONDUITS. SEE MECHANICAL EQUIPMENT SCHEDULE ON E0.2.
2	EXTERIOR SIGNS: PROVIDE WEATHERPROOF J-BOXES AND CONNECTIONS. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SIGN MANUFACTURER AND PETSMART CONSTRUCTION MANAGER. CONTRACTOR TO PROVIDE AND COORDINATE ACCESS FOR POWER TO SIGN.
3	DUCT SMOKE DETECTOR: CONNECT/WIRE DUCT SMOKE DETECTOR IN ROOFTOP UNIT MAIN RETURN AIR DUCT TO FIRE ALARM SYSTEM AND REMOTE TEST STATIONS AT TELEPHONE EQUIPMENT BOARD (7E3.0), AND ENSURE PROPER FUNCTION OF RELAY TO SHUTDOWN ROOFTOP UNIT.
4	ELECTRIC HEATER: PROVIDE POWER CONNECTION, THERMOSTAT AND ALL WIRING CONNECTIONS TO HEATER AND MOTORIZED DAMPER. REFER TO DETAIL 4/E3.0 FOR FURTHER INFORMATION.
5	DOOR HORN: PROVIDE HORN. CEILING MOUNT TO BOTTOM CHORD OF JOIST IN SALES AREA. WALL MOUNT OTHER AREAS AT HEIGHT INDICATED ON DRAWINGS. VERIFY LOCATION WITH PETSMART. CONNECT TO REAR PUSHBUTTON AS SHOWN ON DRAWINGS (SEE KEY NOTE 7).
6	DOOR BUZZER: PROVIDE BUZZER, CEILING MOUNT TO BOTTOM CHORD OF JOIST IN SALES AREA. WALL MOUNT OTHER AREAS AT HEIGHT INDICATED ON DRAWINGS. VERIFY LOCATION WITH PETSMART. CONNECT TO FRONT PUSHBUTTON AS SHOWN ON DRAWINGS (SEE KEY NOTE 7).
7	(EXTERIOR) DOOR PUSH-BUTTON: PROVIDE PUSH-BUTTON. CONNECT TO APPROPRIATE BUZZERS OR HORNS AS SHOWN ON DRAWINGS (SEE KEY NOTES 5 AND 6). PROVIDE LAMACOID LABEL ABOVE BUTTON, "PETSMART".
8	RIGID DROP FOR COOLERS/FREEZERS: PROVIDE A 1 1/2" RIGID CONDUIT TO JUNCTION BOX AT TOP OF FIXTURE (COORDINATE EXACT HEIGHT ON SITE). ELECTRICAL CONTRACTOR TO WIRE WITH 3/4" FLEXIBLE CONDUIT TO FREEZER/COOLER OUTLETS (TYP. 4), CIRCUIT AS INDICATED. REFER TO DETAIL 1/E3.0.
9	FREEZER/COOLER OUTLET: PROVIDE NEMA 5-20P, 20A (3-PRONG), 120V SINGLE PHASE RECEPTACLE SURFACE MOUNTED ON EITHER MILLWORK SHROUD OR PEGBOARD OF GONDOLA FIXTURE @72" AFF FOR COOLER/FREEZERS. CONTRACTOR TO VERIFY THAT OUTLET IS COMPATIBLE WITH PLUG/CORD. REFER TO DETAIL 1/E3.0.
10	EMS PUSH-BUTTON OVERRIDE: INSTALL MANAGER'S EMS PUSH-BUTTON OVERRIDE, FURNISHED BY EMS NATIONAL ACCOUNTS VENDOR. PROVIDE J-BOX, 1/2" CONDUIT TO 6" AFC WITH 1x 9 CONDUCTOR 18 GA CABLE TO EMS CONTROLLER.
11	FISH RACK LIGHTING: PROVIDE A WP GFCI PROTECTED OUTLET C/W WEATHERPROOF COVER AND CIRCUITRY @84" AFF FOR FISH RACK LIGHTING. PROVIDE FINAL CONNECTION AND CONTROLS VIA EMS SYSTEM. COORDINATE ALL REQUIREMENTS/PLUG-CORD LENGTH WITH FISH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN AND MAKE FINAL CONNECTION.
12	DOOR SECURITY: SEE DETAIL 5/E3.0.
13	AQUARIUM TANK DISPLAY: PROVIDE 120V GFCI OUTLET AND CIRCUITRY FOR AQUARIUM EQUIPMENT PROVIDED BY OTHERS. VERIFY LOCATION AND HEIGHT.
14	TURTLE TANK OUTLET: PROVIDE 120V, 20A GFCI BREAKER IN PANEL FOR TURTLE TANK OUTLET @84" AFF. MAKE FINAL CONNECTION WHEN EQUIPMENT IS LOCATED. COORDINATE ALL REQUIREMENTS/PLUG-CORD LENGTH WITH FISH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN AND MAKE FINAL CONNECTION. PROVIDE LABEL ON OUTLET TO INDICATE OUTLET IS PROTECTED BY A GFCI CIRCUIT BREAKER.
15	TROPICAL & COLD WATER FILTRATION SYSTEM: PROVIDE 120V, 20A GFCI PROTECTED BREAKER FOR FILTRATION RECEPTACLES @84" AFF. COORDINATE ALL REQUIREMENTS/PLUG-CORD LENGTH WITH FISH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN AND MAKE FINAL CONNECTION. PROVIDE LABEL ON OUTLET TO INDICATE OUTLET IS PROTECTED BY A GFCI CIRCUIT BREAKER.
16	ROUTE 2x 1"C FOR POWER AND 1x 1"C FOR TELECOM BELOW SLAB ACROSS TO CASH. CONDUITS TO TERMINATE 3" AFF IN FLOOR MOUNTED JUNCTION BOXES FOR POWER, DATA CONDUIT. PROVIDE END BUSHINGS AND PULLSTRINGS. EXTEND FLEX CONDUIT FROM JUNCTION BOX TO SURFACE MOUNTED DEVICES IN CASEWORK. PROVIDE FINAL CONNECTION WITH SEPARATE NEUTRAL AND GROUND FOR EACH CIRCUIT (TYPICAL).
17	DOOR CONTACT IS PRE-INSTALLED BY DOOR SUPPLIER. E.C. TO ENSURE CONDUIT FOR SECURITY TO DOOR FOLLOWS THE SAME PATH AS DOOR POWER AND TERMINATES IN DOOR HEADER FRAME. SEE DETAIL 5/E3.0.
18	PROVIDE RIGID CONDUITS DOWN IN WALL TO 2" AFF AND WITHIN KICKSPACE OF MILLWORK FOR POWER AND DATA OUTLETS IN MILLWORK, C/W PULLSTRING.
19	VOLUME CONTROL BY OTHERS. ELECTRICAL CONTRACTOR TO ROUGH-IN BOX AT 42" A.F.F. (U.N.O.), TYPICAL.
20	FIRE ALARM ANNUNCIATOR PANEL: THIS CONTRACTOR IS TO MOUNT. RECESSED IN VESTIBULE WALL. NO SURFACE CONDUITS PERMITTED. LOCATE PANEL AS CLOSE TO EXTERIOR WALL AS POSSIBLE.
21	RIGID POWER DROP (AT GONDOLAS): COORDINATE WITH FIXTURE PLAN. VERIFY WITH PETSMART CONSTRUCTION MANAGER AND INSTALL. SEE DETAIL 3/E3.0.
22	RIGID POWER DROP (FOR LARGE AQUARIUMS): COORDINATE WITH FIXTURE PLAN. SEE DETAIL 2/E3.0.
23	J-BOX FOR RELAY SERVING EXHAUST FANS: PROVIDE 8"x8"x4" J-BOX ON WALL 12" ABOVE CEILING FOR EXHAUST FAN CONTROL RELAY. SEE 2/EM2 FOR WIRING. LABEL CIRCUIT NUMBER AND EXHAUST FAN NUMBER ON BOX COVER.
24	POWER POLE: PROVIDE POWER POLE PER ELEVATION 14/E3.0



1 E2.0

2 KEY PLAN
E2.0 SCALE: N.T.S.

NORTH

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
16K 2026 U.S. INSTRUCTION SET

AUGUST 10, 2026

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

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ISSUED FOR:

#	DESCRIPTION	DATE

PROJECT NO: 16K 2026 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED

DRAWN BY: XXX

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PAGE #: 01 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DISCIPLINE: ELECTRICAL

TITLE:
ENLARGED POWER PLAN

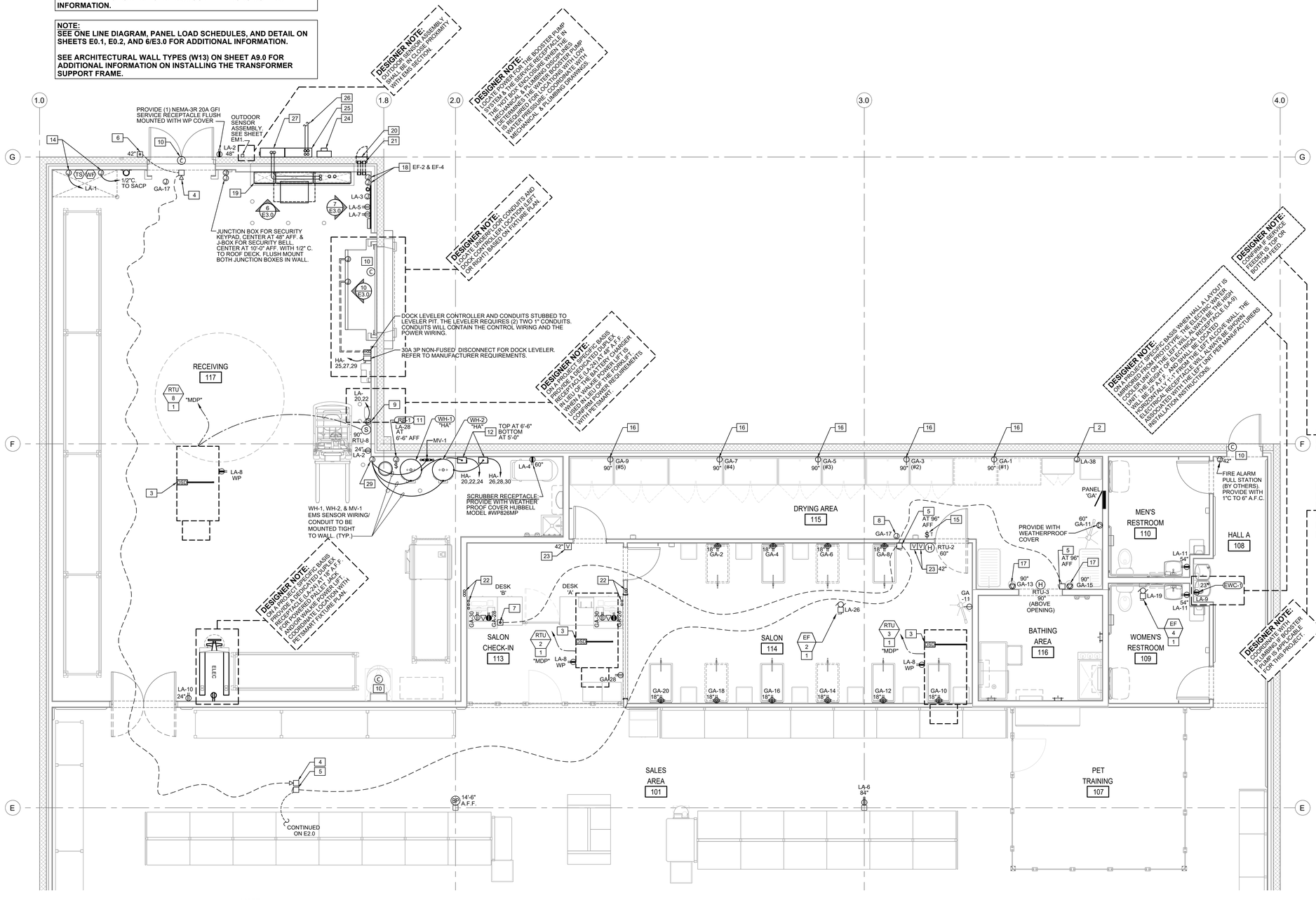
SHEET NUMBER:
E2.0

NOTE:
FOR INTEGRATED POWER CENTER (IPC) PLEASE CONTACT NATIONAL ACCOUNT VENDORS FOR SITE SPECIFIC PRODUCT DRAWINGS, EQUIPMENT LAYOUT, AND STUB UP LOCATIONS.

SEE SHEET F2.0 FOR NATIONAL ACCOUNT VENDORS CONTACT INFORMATION.

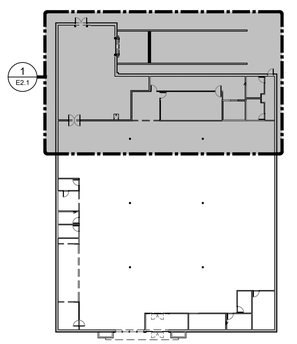
NOTE:
SEE ONE LINE DIAGRAM, PANEL LOAD SCHEDULES, AND DETAIL ON SHEETS E0.1, E0.2, AND 6/E3.0 FOR ADDITIONAL INFORMATION.

SEE ARCHITECTURAL WALL TYPES (W13) ON SHEET A9.0 FOR ADDITIONAL INFORMATION ON INSTALLING THE TRANSFORMER SUPPORT FRAME.



1 / E2.1 POWER PLAN REAR STORE AREA
SCALE: 1/4" = 1' - 0"

NORTH



2 / E2.1 KEY PLAN
SCALE: N.T.S.

NORTH

ELECTRICAL KEYNOTES

1. RTU'S & EXHAUST FAN'S: CONDUITS FOR POWER AND ANY CONTROL WIRING TO EQUIPMENT ON THE ROOF MUST BE RUN INSIDE THE ROOF CURB. DO NOT PENETRATE THE ROOF WITH ANY CONDUITS. SEE MECHANICAL EQUIPMENT SCHEDULE ON E0.2.
2. EXTERIOR SIGNS: PROVIDE WEATHERPROOF J-BOXES AND CONNECTIONS. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SIGN MANUFACTURER AND PETSMART CONSTRUCTION MANAGER. CONTRACTOR TO PROVIDE AND COORDINATE ACCESS FOR POWER TO SIGN.
3. DUCT SMOKE DETECTOR: CONNECT/WIRE DUCT SMOKE DETECTOR IN ROOFTOP UNIT MAIN RETURN AIR DUCT TO FIRE ALARM SYSTEM AND REMOTE TEST STATIONS AT TELEPHONE EQUIPMENT BOARD (7/E3.0), AND ENSURE PROPER FUNCTION OF RELAY TO SHUTDOWN ROOFTOP UNIT.
4. DOOR HORN: PROVIDE HORN. CEILING MOUNT TO BOTTOM CHORD OF JOIST IN SALES AREA. WALL MOUNT OTHER AREAS AT HEIGHT INDICATED ON DRAWINGS. VERIFY LOCATION WITH PETSMART. CONNECT TO REAR PUSHBUTTON AS SHOWN ON DRAWINGS (SEE KEY NOTE 6).
5. DOOR BUZZER: PROVIDE BUZZER. CEILING MOUNT TO BOTTOM CHORD OF JOIST IN SALES AREA. WALL MOUNT OTHER AREAS AT HEIGHT INDICATED ON DRAWINGS. VERIFY LOCATION WITH PETSMART. CONNECT TO FRONT PUSHBUTTON AS SHOWN ON DRAWINGS (SEE KEY NOTE 6).
6. (EXTERIOR) DOOR PUSH-BUTTON: PROVIDE PUSH-BUTTON. CONNECT TO APPROPRIATE BUZZERS OR HORNS AS SHOWN ON DRAWINGS (SEE KEY NOTES 4 AND 5). PROVIDE LAMACOID LABEL ABOVE BUTTON, "PETSMART".
7. SALON CHECK-IN PUSH-BUTTON: INSTALL NEW PUSHBUTTON SURFACE MOUNTED ON TOP OF MILLWORK COUNTER, LOCATED IN FRONT CORNER ADJACENT TO CASH DESK. BUTTON PROVIDED BY NATIONAL MILLWORK VENDOR. CONNECT TO APPROPRIATE BUZZERS OR HORNS AS SHOWN ON DRAWINGS (SEE KEY NOTES 4 & 5).
8. LOW VOLTAGE TRANSFORMER: EDWARDS EDW592 LOW VOLTAGE (12V) TRANSFORMER FOR DOOR BUZZER. LOCATE ABOVE CEILING.
9. BATTERY CHARGER: SEE DETAIL 8/E3.0.
10. DOOR SECURITY: SEE DETAIL 5/E3.0.
11. RECIRCULATING PUMP (RP-1): PROVIDE TOGGLE DISCONNECT SWITCH FOR PUMP. LABEL SWITCH "PUMP". WALL MOUNT SWITCH ADJACENT TO PUMP. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
12. WATER HEATER DISCONNECTS: PROVIDE 30A/3P DISCONNECTS AND 3/4" FLEXIBLE SEAL TIGHT CONNECTIONS TO WATER HEATER.
13. NOT USED.
14. SPRINKLER VALVE: APPROXIMATE LOCATION OF SPRINKLER VALVE AREA FOR PETSMART SPACE. PROVIDE FLOW SWITCH AND SUPERVISORY FIRE ALARM CONNECTIONS TO SPRINKLER VALVE.
15. TIMER SWITCH: SEE DETAIL 9/E3.0.
16. DRYER RECEPTACLE: SEE DETAIL 9/E3.0.
17. MASTER BLASTER DRYER RECEPTACLE: PROVIDE A 30A NEMA L5-30R SINGLE RECEPTACLE, COLOR WHITE, PROVIDE WITH WEATHERPROOF COVER. MOUNT AT HEIGHT INDICATED.
18. J-BOX FOR RELAY SERVING EXHAUST FANS: PROVIDE 8"x8"x4" J-BOX ON WALL AT 80" A.F.F. FOR EXHAUST FAN CONTROL RELAY. SEE 2/EM2 FOR WIRING. LABEL CIRCUIT NUMBER AND EXHAUST FAN NUMBER ON BOX COVER.
19. ELECTRICAL SERVICE EQUIPMENT: NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) PREFAB ELECTRICAL SERVICE EQUIPMENT. REFER TO DETAIL 1/ED.1 (PANELS MDP, HA, LDP, LA, TRANSFORMER T1 AND EMS NATIONAL ACCOUNTS VENDOR EQUIPMENT). INTEGRATED POWER CENTER (IPC) SHALL CONTAIN ALL EQUIPMENT AS INDICATED PER THE ONE LINE DIAGRAM. ALL EQUIPMENT SHALL BE FACTORY WIRED AS INDICATED (UNO). PROVIDE 4" CONCRETE HOUSEKEEPING PAD, REFER TO ARCHITECTURAL.
20. ACCESS BOX: MOBILE GENERATOR ACCESS BOX, NEMA 4, 12"x12"x6" FLUSH MOUNT ENCLOSURE. HUBBELL-WIEGMAN MODEL N412-SD-12X12X6-ULTIMATE. IF SPACE IS UNAVAILABLE BETWEEN INTEGRATED POWER CENTER (IPC) AND DOCK DOOR, LOCATE ACCESS BOX IN OPEN AREA ABOVE THE RIGHT SIDE OF THE INTEGRATED POWER CENTER (IPC). COORDINATE EXACT LOCATION WITH PETSMART. ACCESS BOX SUPPLIED BY NATIONAL ACCOUNTS VENDOR. SEE DETAIL 11/E3.0.
21. CHASE NIPPLES: 4" CHASE NIPPLES W/ INSIDE CAPS AND LOCKNUTS INSULATED BUSHINGS, (TYPICAL 2 EA.)
22. MILLWORK: AT DESK 'A' PROVIDE 2x 1" RIGID CONDUITS DOWN IN WALL TO 2" AFF AND ACROSS IN WALL BELOW WINDOW (APPROX. 2'-0" FROM WINDOW FRAME) TO LOCATIONS OF POWER AND DATA OUTLETS IN MILLWORK. PROVIDE WITH PULLSTRING. AT DESK 'B' PROVIDE 3x 1" RIGID CONDUITS IN WALL TO 2" AFF AND ACROSS IN WALL TO LOCATIONS OF POWER OUTLETS, DATA OUTLETS, AND BUZZER PUSH-BUTTON IN MILLWORK, PROVIDE WITH PULLSTRING.
23. VOLUME CONTROL: VOLUME CONTROL BY OTHERS. ELECTRICAL CONTRACTOR TO ROUGH-IN BOX AT 42" A.F.F. (U.N.O.), TYPICAL.
24. METER: UTILITY COMPANY METER INSTALLED. SEE ONE LINE DIAGRAM ON SHEET E0.1.
25. CT CABINET: UTILITY COMPANY CT CABINET. SEE ONE LINE DIAGRAM ON SHEET E0.1.
26. ELECTRICAL SERVICE: INCOMING UNDERGROUND ELECTRICAL SERVICE. SEE ONE LINE DIAGRAM ON SHEET E0.1.
27. SERVICE ENTRANCE DISCONNECT SWITCH: 480/277V 3 PHASE - 400AMP SERVICE ENTRANCE DISCONNECT SWITCH WITH 400 AMP FUSES. SEE ONE LINE DIAGRAM ON SHEET E0.1.
28. DOMESTIC WATER BOOSTER PUMP: PROVIDE A 30A COMBINATION MOTOR STARTER AND ALL FINAL CONNECTIONS TO BOOSTER PUMP SYSTEM AND CONTROL PANEL. PROVIDE ALL EQUIPMENT NECESSARY FOR A COMPLETE INSTALLATION PER MANUFACTURER'S SPECIFICATIONS. THE BOOSTER PUMP SYSTEM IS FACTORY WIRED INCLUDING (1 13/4 HP 480V 3Ø MOTOR AND VSD DRIVE. COORDINATE WITH PLUMBING CONTRACTOR AND PLUMBING DRAWINGS. FED FROM PANEL 'HA'.
29. JUNCTION BOX FOR EMS TEMPERATURE SENSORS: PROVIDE 4X4 JUNCTION BOX AT 6'-6" AFF WITH 3/4" CONDUIT UP TO JOIST SPACE. PROVIDE 1/2: LIQUID TIGHT FLEX CONDUITS FOR HOT WATER TEMPERATURE SENSORS AT WATER HEATERS AND MIXING VALVE. COORDINATE WITH PLUMBER, EMS, AND INSULATION CONTRACTORS.

TENANT: PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

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PAGE #: 01 OF: 47

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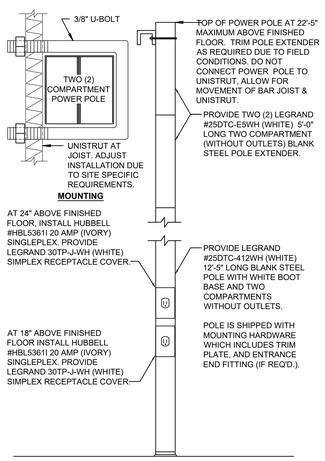
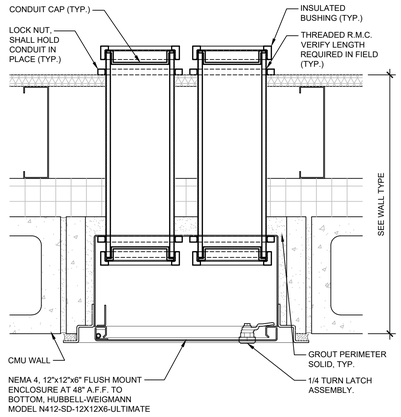
DISCIPLINE: ELECTRICAL

TITLE:
ENLARGED POWER PLAN

SHEET NUMBER:
E2.1

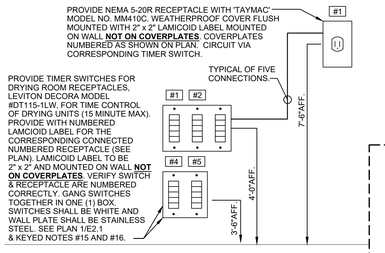


14 E3.0 POWER POLE ELEVATION
SCALE: N.T.S.

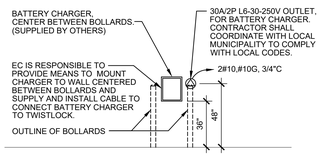


NOTE:
REFERENCE ONE LINE DIAGRAM (1/E0.1). SEE KEYNOTES 20 & 21 ON SHEET E2.1 FOR CONDUIT ASSEMBLY SIZE AND QUANTITIES. ACCESS BOX SUPPLIED BY NATIONAL ACCOUNT VENDOR.

11 E3.0 MOBILE GENERATOR ACCESS BOX
SCALE: N.T.S.



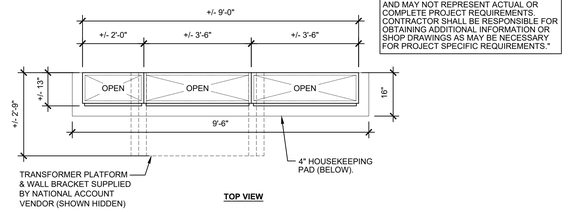
9 E3.0 DRYING TIMER SWITCHES ELEVATION
SCALE: N.T.S.



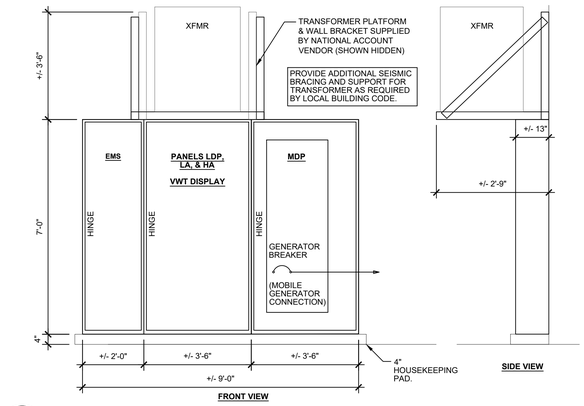
8 E3.0 BATTERY CHARGER ELEVATION
SCALE: N.T.S.

DESIGNER NOTE:
ON A PROJECT SPECIFIC BASIS, MIRROR DETAIL AS REQUIRED TO MATCH FIXTURE PLAN.

"MANUFACTURER'S PROPRIETARY DETAILS AND SCHEMATICS ARE INCLUDED ON THESE DOCUMENTS FOR INFORMATION ONLY. CONTRACTOR SHALL BE AWARE THAT SUCH INFORMATION MAY BE GENERIC AND MAY NOT REPRESENT ACTUAL OR COMPLETE PROJECT REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ADDITIONAL INFORMATION OR SHOP DRAWINGS AS MAY BE NECESSARY FOR PROJECT SPECIFIC REQUIREMENTS."



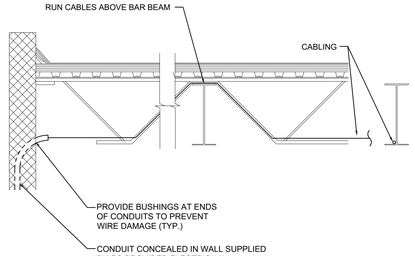
TOP VIEW



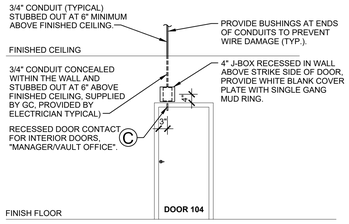
FRONT VIEW
SIDE VIEW

6 E3.0 INTEGRATED POWER CENTER PLAN VIEW & ELEVATION
SCALE: N.T.S.

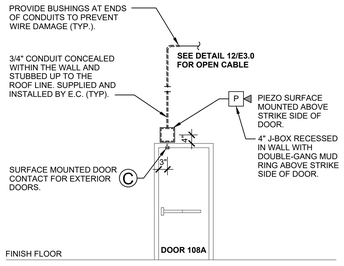
NOTE:
ALL OPEN CABLE SHALL BE CONCEALED FROM PUBLIC VIEW.



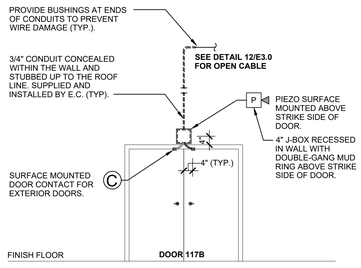
12 E3.0 OPEN CABLE
SCALE: N.T.S.



VIEW: INSIDE

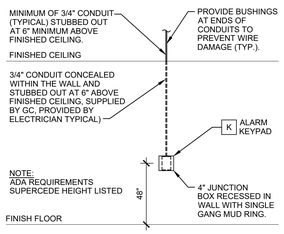


VIEW: INSIDE

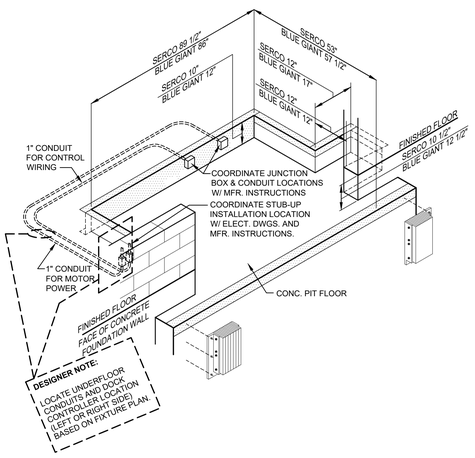


VIEW: INSIDE

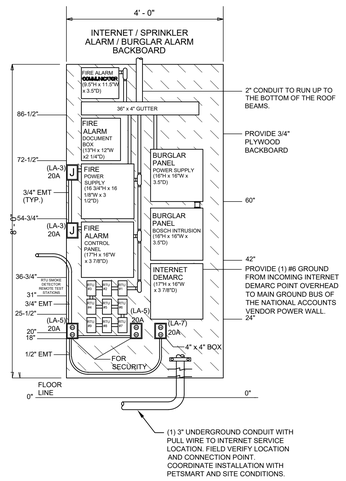
5 E3.0 SECURITY CONNECTIONS AT DOOR
SCALE: N.T.S.



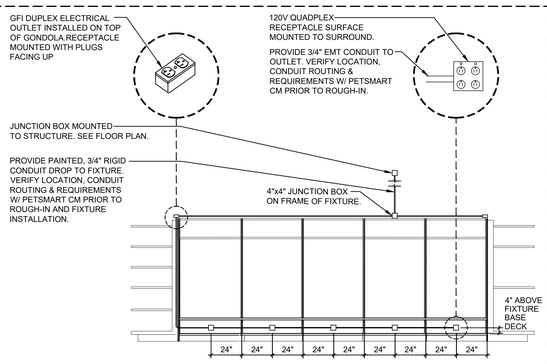
13 E3.0 FRONT POS SECURITY ALARM KEYPAD
SCALE: N.T.S.



10 E3.0 DOCK LEVELER PIT ISOMETRIC
SCALE: N.T.S.



7 E3.0 PHONE BOARD ELEVATION
SCALE: N.T.S.



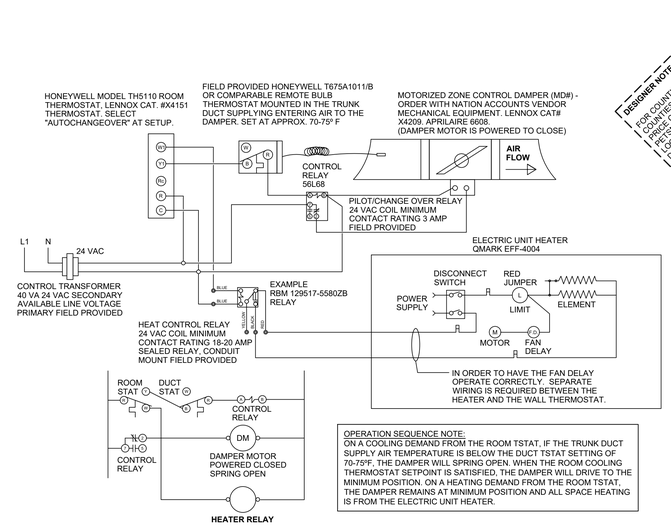
2A E3.0 RIGID POWER DROP AT LARGE AQUARIUMS
SCALE: N.T.S.

DESIGNER NOTE:
USE THIS FOR DETAIL 2 ONLY WHEN THERE IS AN END CAP FIXTURE OTHERWISE USE DETAIL 2 BELOW.

2 E3.0 RIGID POWER DROP AT LARGE AQUARIUMS
SCALE: N.T.S.

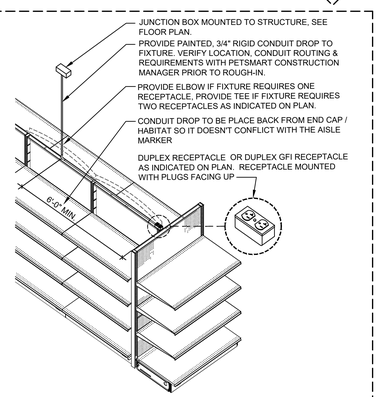
DESIGNER NOTE:
ON A PROJECT SPECIFIC BASIS, MIRROR DETAIL AS REQUIRED TO MATCH FIXTURE PLAN

1 E3.0 RIGID POWER DROP AT FREEZERS/COOLERS
SCALE: N.T.S.



4 E3.0 WIRING DIAGRAM FOR MOTORIZED DAMPER
SCALE: N.T.S.

DESIGNER NOTE:
FOR COUNTIES (CT, MA, CERTAIN COUNTIES IN NY) THAT REQUIRE PETSMART FIXTURE PLAN FOR LOCATIONS, REFER TO DETAIL 3/E3.0 FOR DROP/POWER REQUIRING CONDUIT



3 E3.0 RIGID POWER DROP AT GONDOLAS
SCALE: N.T.S.

TENANT:
PETSMART
19601 North 27th Avenue
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AS INDICATED

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XXX

CHECKED BY:
XXX

PAGE # 01 OF: 47

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE
1"

DISCIPLINE:
ELECTRICAL

TITLE:
ELECTRICAL POWER DETAILS

SHEET NUMBER:
E3.0

KEYED NOTES

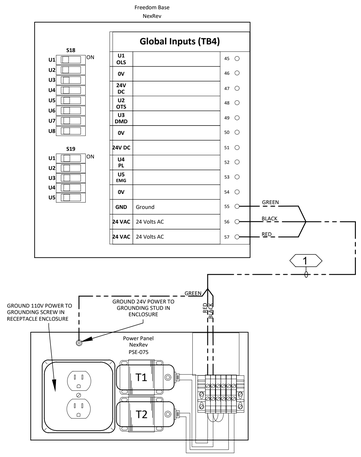
#	
1	(1) 2C 22 GA. TWISTED SHIELDED WIRE, USE PLENUM RATED WIRE IN CONCEALED SPACE ABOVE CEILINGS.
2	WTS-2051 SENSOR SUPPLIED BY LENNOX
3	SUPPLIED, WIRED AND ASSEMBLED BY NATIONAL ACCOUNTS VENDOR.
4	(1) 2C 22 GA. TWISTED SHIELDED PAIR (SENSOR MOUNTED ON VERTICAL SINGLE GANG BOX).
5	(1) 2C 22 GA. TWISTED SHIELDED PAIR
6	(2) 2C 18 GA. TWISTED SHIELDED PAIR
7	(1) 4C 18 GA. TWISTED SHIELDED PAIR
8	EMS CONTROLLER (INTERNAL TO NATIONAL ACCOUNTS VENDOR'S INTEGRATED POWER CENTER).
9	COMMUNICATION LINK
10	(2) 10C 18 GA.
11	(1) 4C 18 GA.
12	COMBINATION TEMPERATURE/HUMIDITY SENSOR SUPPLIED BY NATIONAL ACCOUNTS MECHANICAL VENDOR, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR. SEE SHEET M1.0.

GENERAL NOTES

1. ALL EMS EQUIPMENT (WITH EXCEPTION TO THE EQUIPMENT INTERNAL TO NATIONAL ACCOUNTS VENDOR'S INTEGRATED POWER CENTER) SHALL BE PURCHASED BY GENERAL CONTRACTOR OR ELECTRICAL CONTRACTOR FROM EMS NATIONAL ACCOUNTS VENDOR. (NO EXCEPTIONS). CONTACT NEXREV NATIONAL ACCOUNTS FOR PRICING (972) 578-0505.
2. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL CONDUIT, WIRE, PULL BOXES, AND JUNCTION BOXES REQUIRED FOR A COMPLETE INSTALLATION. ALL CABLE FOR INSTALLATION SHALL BE WHITE IN COLOR.
3. ALL WORK SHALL CONFORM WITH THE LOCAL STATE AND NATIONAL ELECTRICAL CODES. ELECTRICAL CONTRACTOR SHALL PAY FOR ALL INSPECTIONS AND PERMITS.
4. WHEN LOCAL CODES PERMIT, WIRING SHALL BE RUN OPEN, SECURED AT REGULAR INTERVALS.
5. ALL WIRING AND/OR CONDUIT SHALL BE CONCEALED U.N.O.
6. ELECTRICAL CONTRACTOR SHALL FURNISH ALL POWER WIRING TO EMS EQUIPMENT.
7. ALL POWER WIRING SHALL BE FIRST GRADE COPPER WITH 600 VOLT INSULATION AND SHALL BE 14 GA.THWN.
8. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO MOUNT AND WIRE ALL ENERGY MANAGEMENT EQUIPMENT AS PER DRAWINGS.
9. ALL EMS TERMINATIONS SHALL BE DONE BY ELECTRICAL CONTRACTOR AS SHOWN.
10. ELECTRICAL CONTRACTOR SHALL LABEL ALL WIRES AND CABLES ON BOTH ENDS AS SHOWN ON PLANS.
11. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING A TRUE EARTH GROUND TO ALL EMS EQUIPMENT AS SHOWN ON THESE DRAWINGS.
12. ELECTRICAL CONTRACTOR SHALL CONTACT EMS NATIONAL ACCOUNTS VENDOR FOR ANY QUESTIONS ON EMS SYSTEM DRAWINGS OR INSTALLATION.
13. WHEN THE ELECTRICAL CONTRACTOR HAS COMPLETED INSTALLATION OF THE EMS SYSTEM, AND COMPLETED THE INSTALLATION CHECKLIST THEY SHALL BE RESPONSIBLE FOR COORDINATION WITH EMS NATIONAL ACCOUNTS VENDOR TO ESTABLISH START-UP DATE FOR EMS SYSTEM CONTACT (972) 578-0505. SEE SPECIFICATION SECTION 01010 PAGES 3 & 4 OF 18.

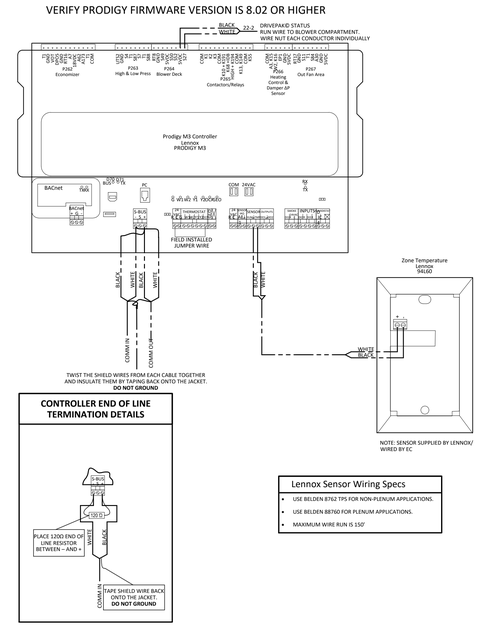
ABBREVIATIONS

OHS	OUTDOOR HUMIDITY SENSOR
OLS	OUTDOOR LIGHT SENSOR
OTS	OUTDOOR TEMPERATURE SENSOR
OVR	OVERRIDE
PLM	PHASE LOSS MONITOR
EMM	ENERGY MONITORING METER
ZHS	ZONE HUMIDITY SENSOR
ZTS	ZONE TEMPERATURE SENSOR
BP	BUILDING PRESSURE SENSOR
SP	SECURITY PANEL
FP	FIRE PANEL
RLY	RELAY
EF	EXHAUST FAN
BPS	BUILDING PRESSURE SENSOR
WHT	WATER HEATER TEMPERATURE SENSOR
MVT	MIXING VALVE TEMPERATURE



5 EM1 CONTROL POWER WIRING DIAGRAM

SCALE: N.T.S.

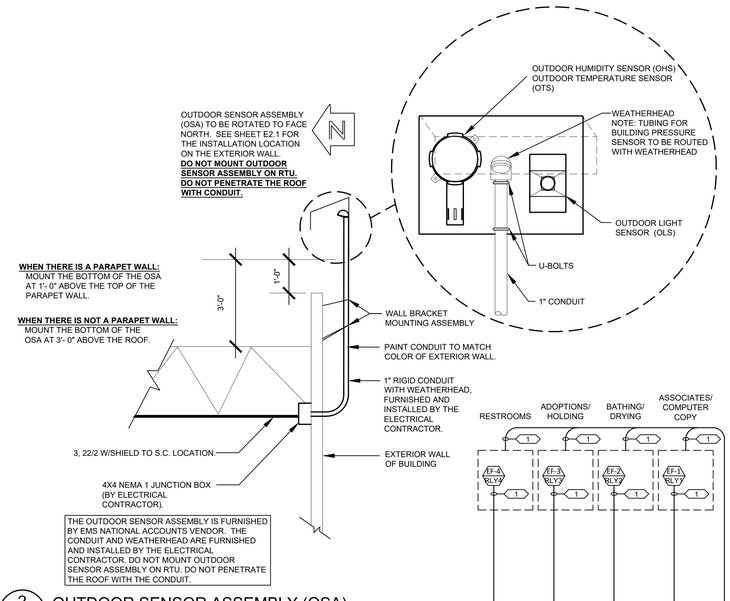


4 EM1 FIELD WIRING FOR LENNOX W/ TEMPERATURE SENSOR

SCALE: N.T.S.

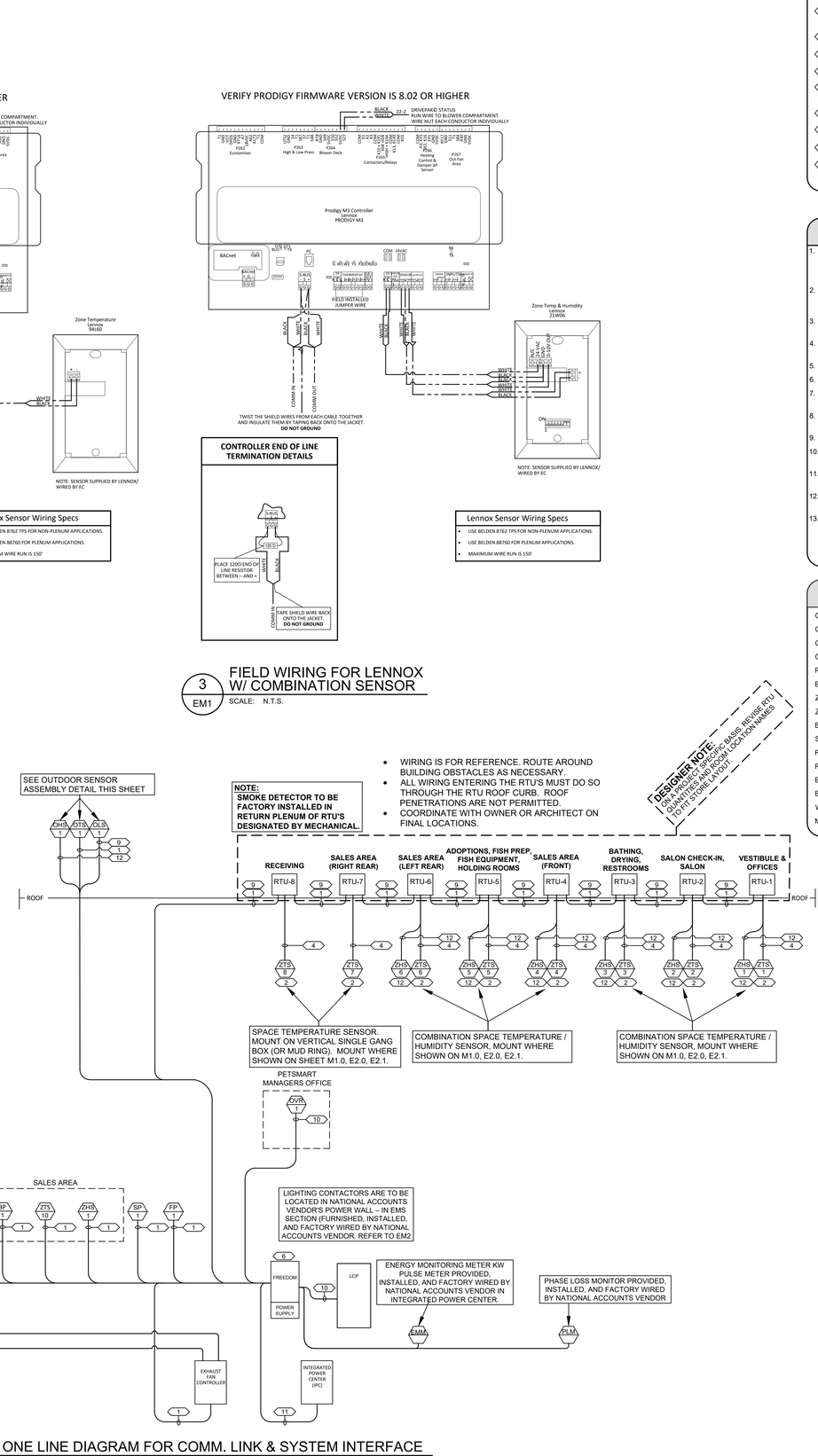
3 EM1 FIELD WIRING FOR LENNOX W/ COMBINATION SENSOR

SCALE: N.T.S.



2 EM1 OUTDOOR SENSOR ASSEMBLY (OSA)

SCALE: N.T.S.



SYMBOL LEGEND

XXX DEVICE TAG:
REFER TO WIRE WIRING 7 DEVICE CHART.

1 EM1 ONE LINE DIAGRAM FOR COMM. LINK & SYSTEM INTERFACE

SCALE: N.T.S.

NOTE FOR ELECTRICAL CONTRACTOR:

ALL WALL PLATE SENSORS IN THE SALES AREA SHALL BE MOUNTED AT 7'-6" ABOVE FINISHED FLOOR ON THE BACK OF ALL COLUMNS. ALL OTHER SENSORS & T'STATS SHALL BE MOUNTED AS SHOWN ON MECHANICAL DRAWINGS.

NOTE FOR MECHANICAL CONTRACTOR:

IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO FULLY CHECK, TEST, AND START ROOF-TOP EQUIPMENT. CHECK ALL SUPPLY AND DISCHARGE PRESSURE IN REFRIGERANT LINES.SEE START-UP CHECKLIST IN SPECIFICATIONS.

NOTE:

EMS EQUIPMENT INTERNAL TO NATIONAL ACCOUNTS VENDOR'S POWER WALL WILL BE FURNISHED BY NATIONAL ACCOUNTS VENDOR.

NOTE:

ONCE POWER IS APPLIED TO THE ROOFTOP HVAC UNIT, AND THE HVAC TECHNICIAN HAS COMPLETED THE ROOFTOP UNIT STARTUP PROCEDURE. THE ROOFTOP UNITS WILL RUN IN A DEFAULT MODE FROM THE RETURN AIR SENSOR CONTROLLING TO A 74° COOLING SET POINT AND A 70° HEATING SET POINT WITH AN INTERMITTENT FAN.

NOTE:

FOR EMS EQUIPMENT PRICING. GENERAL CONTRACTOR OR ELECTRICAL CONTRACTOR SHALL CONTACT:

CRAIG DAVIS
NATIONAL ACCOUNTS PETSMART QUOTES
NEXREV CORPORATION
601 DEVELOPMENT DRIVE
PLANO, TX 75074
PH: (972) 303-8586 CELL: (720) 384-9698

(SEE REQUIRED VENDOR LIST ON SHEET F2.0 FOR ADDITIONAL INFORMATION)

NOTE:

EMS NATIONAL ACCOUNTS VENDOR TO FURNISH SITE SPECIFIC DRAWINGS TO CONTRACTOR. VERIFY FINAL WIRING REQUIREMENTS WITH EMS NATIONAL ACCOUNTS VENDOR SITE-SPECIFIC DRAWINGS.

TENANT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:

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PAGE #
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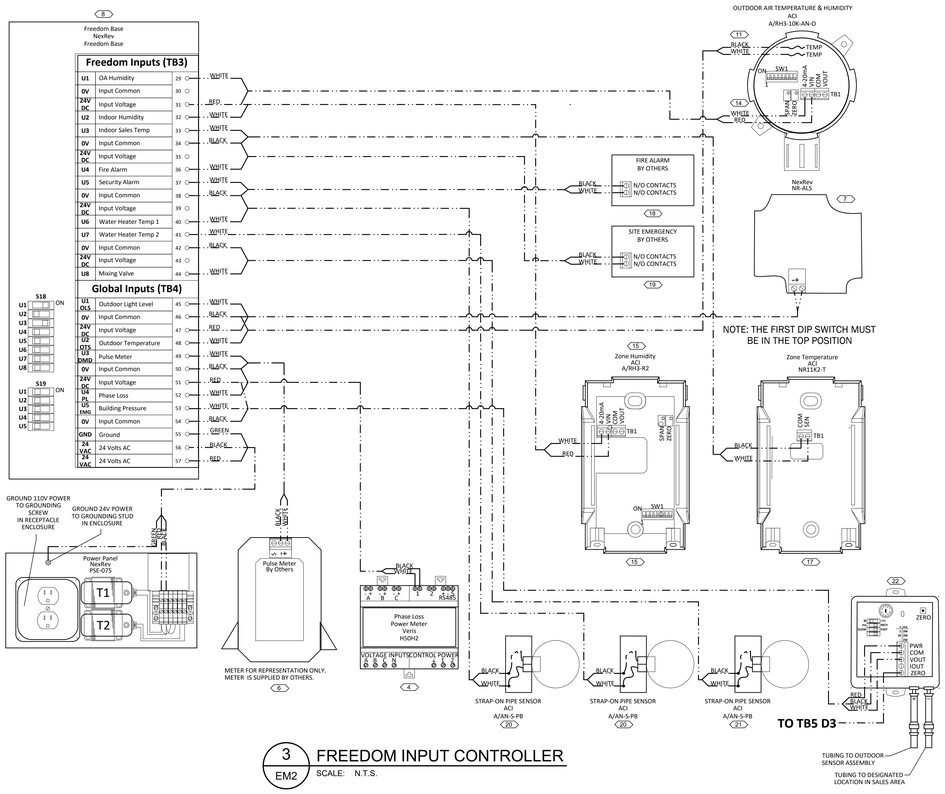
DISCIPLINE:
ELECTRICAL

TITLE:

ENERGY MANAGEMENT

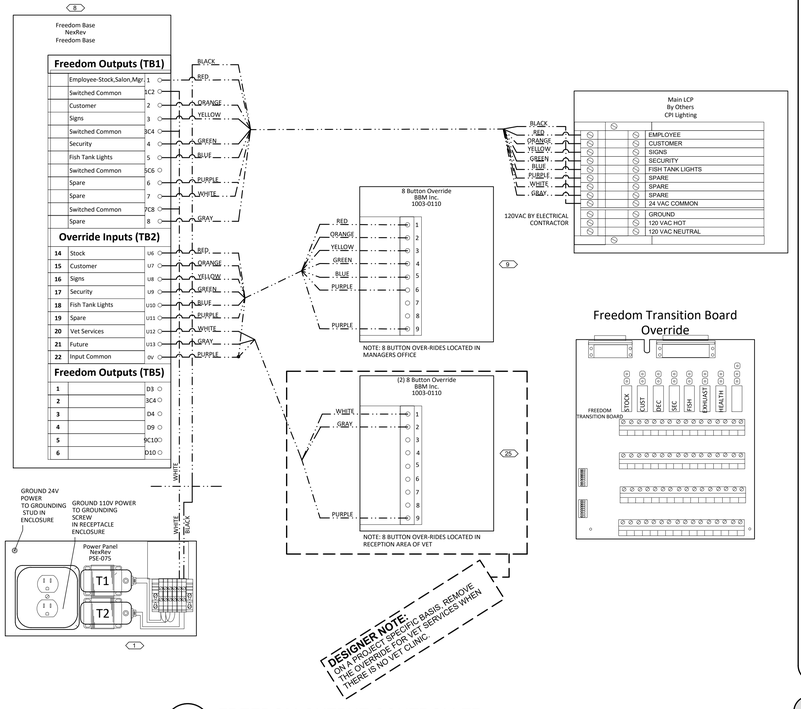
SHEET NUMBER:

EM1



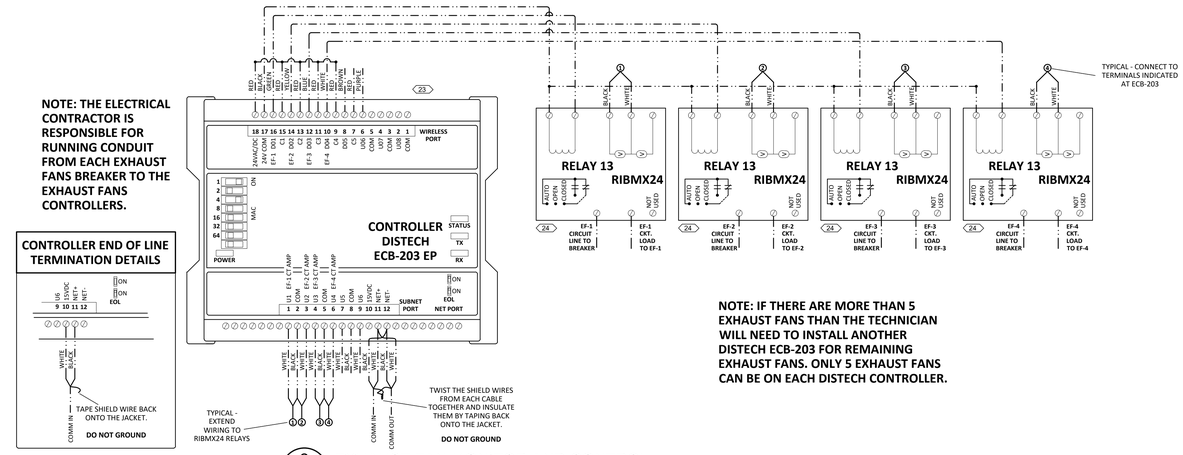
3 EM2 FREEDOM INPUT CONTROLLER

SCALE: N.T.S.



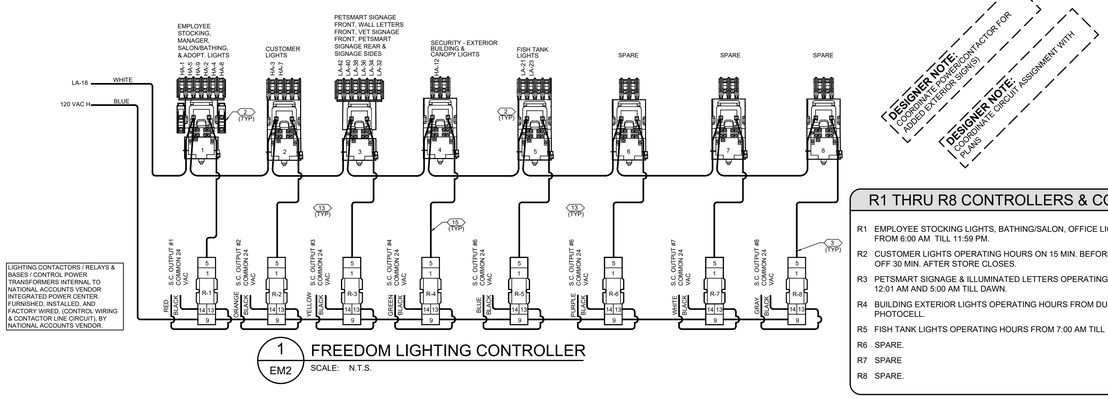
4 EM2 FREEDOM OUTPUT CONTROLLER

SCALE: N.T.S.



2 EM2 EXHAUST FAN MONITOR AND CONTROL

SCALE: N.T.S.

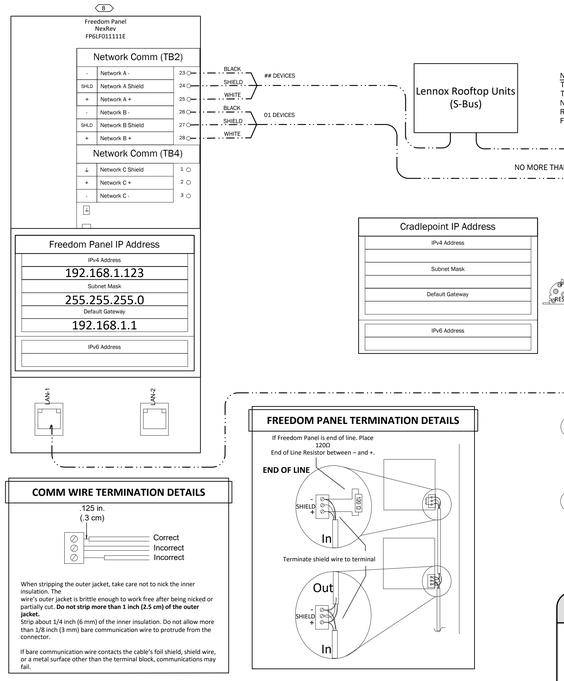


1 EM2 FREEDOM LIGHTING CONTROLLER

SCALE: N.T.S.

R1 THRU R8 CONTROLLERS & CONTROL TIMES

- R1 EMPLOYEE STOCKING LIGHTS, BATHING/SALON, OFFICE LIGHTS OPERATING HOURS FROM 6:00 AM TILL 11:59 PM.
- R2 CUSTOMER LIGHTS OPERATING HOURS ON 15 MIN. BEFORE STORES OPENING AND OFF 30 MIN. AFTER STORE CLOSES.
- R3 PETSMART SIGNAGE & ILLUMINATED LETTERS OPERATING HOURS FROM DUSK TILL 12:01 AM AND 5:00 AM TILL DAWN.
- R4 BUILDING EXTERIOR LIGHTS OPERATING HOURS FROM DUSK TILL DAWN, FROM PHOTOCELL.
- R5 FISH TANK LIGHTS OPERATING HOURS FROM 7:00 AM TILL 10:00 PM.
- R6 SPARE.
- R7 SPARE
- R8 SPARE.



5 EM2 FREEDOM COMMUNICATION CONTROLLER

SCALE: N.T.S.

KEYED NOTES

#	
1	40 VA TRANSFORMER TO SUPPLY POWER TO CONTROL RELAYS LOCATED IN NATIONAL ACCOUNTS EMS VENDOR INTEGRATED POWER CENTER (IPC) - EMS SELECTION.
2	CONTACTOR BY NATIONAL ACCOUNTS EMS VENDOR, NUMBER OF POLES NORMALLY CLOSED AS DETAILED PER LIGHTING CONTACTOR ONE-LINE (TYP.).
3	IDEC SPDT 24 VAC RELAY AND BASE MOUNTING BY NATIONAL ACCOUNTS VENDOR.
4	VERIS WATT TRANSDUCER METER MODEL H8153 PROVIDED AND INSTALLED BY EMS NATIONAL ACCOUNTS VENDOR.
5	EMS NATIONAL ACCOUNTS VENDOR TO PROVIDE CIRCUIT BREAKER IN PANEL 'MDP' FOR PHASE LOSS MONITOR.
6	PHASE LOSS MONITOR PROVIDED, INSTALLED AND FACTORY WIRED IN.
7	OLS, OUTDOOR LIGHT SENSOR- SEE SHEET EM2.
8	FREEDOM BASE AND CONTROL POWER EQUIPMENT PRODUCT PROVIDED, - SEE EM2 FOR LAYOUT.
9	(8) BUTTON OVERRIDE PANEL LOCATED IN MANAGERS OFFICE 104, SEE E2.0.
10	FURNISHED BY ROOFTOP UNIT MANUFACTURER, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
11	OTS, OUTDOOR TEMPERATURE SENSOR - SEE SHEET EM2.
12	S.A.C.P./F.A.C.P., NO RTU SHUT DOWN TO BE SOFTWARE DRIVEN ON SMOKE DETECTION - UNITS MUST HAVE HARD WIRED SMOKE DETECTORS. CHECKPOINT IS TO PROVIDE A SPDT RELAY MODULE MOUNTED NEXT TO THE S.A.C.P./F.A.C.P. ON A DOUBLE - GANG BOX FOR CONNECTION TO THE EMS SYSTEM BY THE E.C. THIS RELAY MODULE WILL BE LABELED EMS TO PREVENT CONFUSION WITH OTHER MODULES THAT MAY BE MOUNTED NEARBY. THE E.C. WILL BE RESPONSIBLE FOR INSTALLING CONDUIT & TWO CONDUCTORS BETWEEN THE MODULE (COM& N'O) AND THE EMS SYSTEM EMERGENCY STATUS INPUT.
13	ALL CONTACTORS, RELAYS & LOW VOLTAGE WIRING PROVIDED, INSTALLED AND FACTORY WIRED BY NATIONAL ACCOUNTS VENDOR IN THE INTEGRATED POWER CENTER (IPC).
14	OHS, OUTDOOR HUMIDITY SENSOR- SEE SHEET EM2.
15	ALL INTERNAL CONTROL WIRING SHALL BE RUN IN NEAT - AND - WORKMAN - LIKE MANNER, LABEL ALL WIRES WITH NUMBERS.
16	ZONE HUMIDITY SENSOR - SEE SHEET EM2.
17	INDOOR TEMPERATURE SENSOR - COORDINATE WITH EMS NATIONAL VENDOR.
18	SECURITY PANEL: ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING CONDUIT & TWO CONDUCTORS BETWEEN THE MODULE AND THE NATIONAL ACCOUNTS EMS VENDOR STATUS INPUT.
19	FIRE PANEL: ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING CONDUIT & TWO CONDUCTORS BETWEEN THE MODULE AND THE EMS NATIONAL ACCOUNTS VENDOR STATUS INPUT.
20	WATER HEATER OUTLET - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR.
21	MIXING VALVE SENSOR - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR.
22	BUILDING PRESSURE SENSOR - COORDINATE WITH NATIONAL ACCOUNTS VENDOR.
23	DISTECH CONTROLLER - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR.
24	RELAY CONTROLLER - COORDINATE WITH EMS NATIONAL ACCOUNTS VENDOR.
25	(8) BUTTON OVERRIDE PANEL LOCATED IN VET SERVICES CHECK-IN, SEE E2.1.

GENERAL NOTES

1. ENERGY MANAGEMENT COMPONENTS ARE FURNISHED BY EMS NATIONAL ACCOUNTS VENDOR CONTROLS (WITH THE EXCEPTION OF EQUIPMENT INTERNAL TO NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC).
2. ALL WIRING AND TERMINATIONS SHOWN ARE BY THE ELECTRICAL CONTRACTOR.
3. ALL LOW VOLTAGE WIRING EXTERNAL TO THE ENCLOSURE MAY BE OPEN CABLE (PLENUM CABLE WHEN REQUIRED) IF LOCAL CODES PERMIT.
4. ALL COMPONENTS SHOWN EXTERNAL TO "FREEDOM PANEL" ENCLOSURE ARE MOUNTED AND WIRED BY THE ELECTRICAL CONTRACTOR (WITH THE EXCEPTION OF EQUIPMENT INTERNAL TO NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC).
5. ALL COMPONENTS SHOWN EXTERNAL TO NATIONAL ACCOUNTS VENDOR INTEGRATED POWER CENTER (IPC) - EMS SECTION IS MOUNTED AND WIRED BY NATIONAL ACCOUNTS VENDOR.
6. LOW VOLTAGE CONDUCTORS SHALL MAINTAIN A MINIMUM 1/4" CLEARANCE FROM POWER CONDUCTORS.

NOTE:
EMS NATIONAL ACCOUNTS VENDOR TO FURNISH SITE SPECIFIC DRAWINGS TO CONTRACTOR. VERIFY FINAL WIRING REQUIREMENTS WITH EMS NATIONAL ACCOUNTS VENDOR SITE-SPECIFIC DRAWINGS.

WIRE LEGEND

LOW VOLTAGE (<25 VAC)

- MINIMUM 22GA. TWISTED SHIELDED PAIR (PLENUM RATED AS REQUIRED BY CODE)
- 18 GA.
- 18 GA. 9C CONDUCTOR
- LINE VOLTAGE (>25 VAC):

TENANT:

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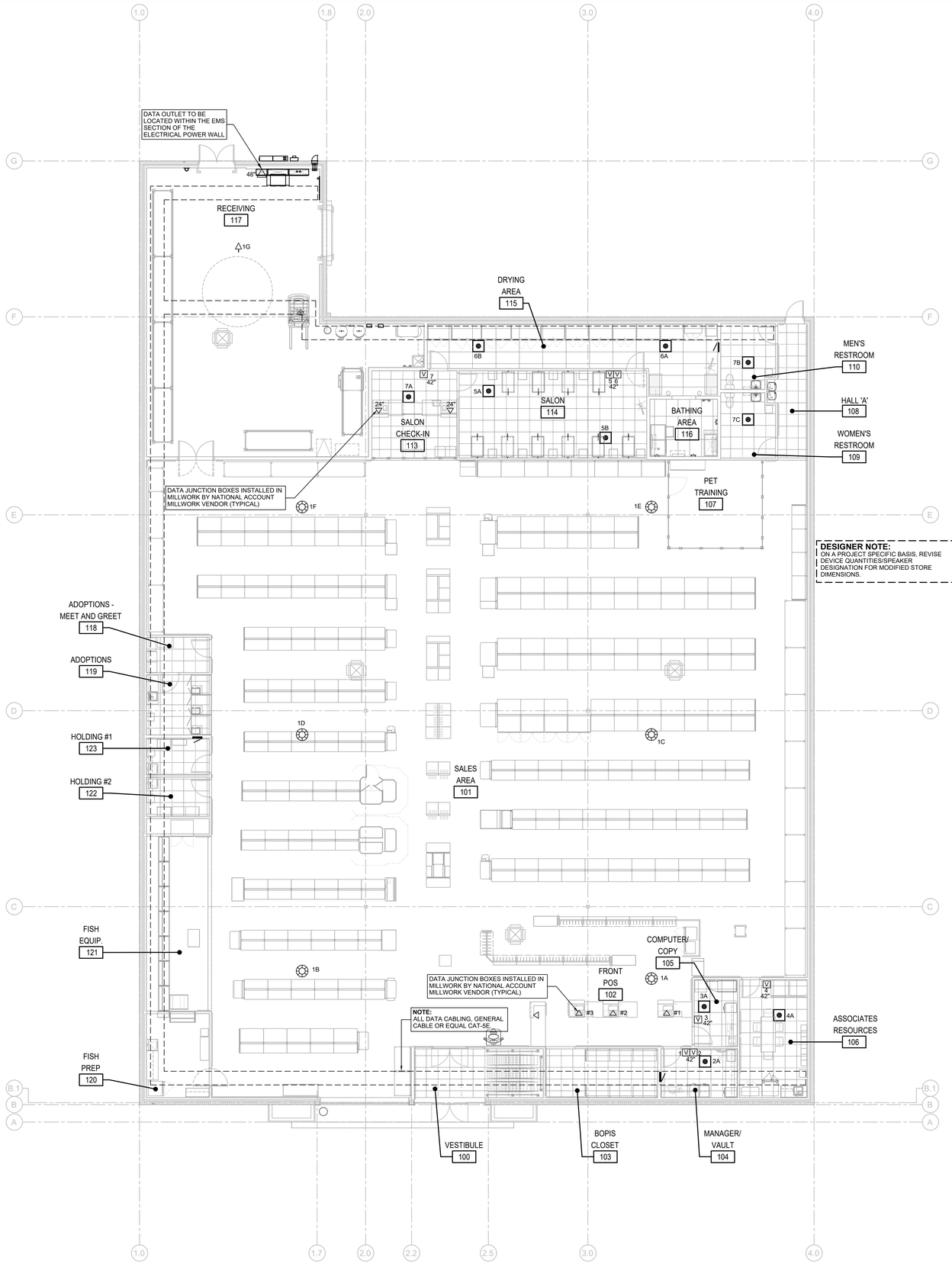

1 EDC DATA & CABLING PLAN
SCALE: 1/8" = 1' - 0"

NORTH

SYMBOL LEGEND

▽ +X'-X"	DATA JUNCTION BOX MOUNTED AS NOTED
V	VOLUME CONTROL AT 42" A.F.F. (U.N.O.)
	2'x2' LAY-IN CEILING SPEAKER
	ONE-WAY FLEX HORN
	PENDANT MOUNTED SPEAKER
	ALLOWABLE AREA OF ALL CONDUIT RUNS OVERHEAD

CABLING OUTLINE

TOTAL NUMBER OF CABLING LOOPS:
- (1) ONE WAY FLEX HORN/PENDANT MOUNTED SPEAKER LOOP
- (6) 2' X 2' LAY-IN SPEAKER LOOPS
- (7) VOLUME CONTROL LOOPS
- (TBD) DATA LOOPS

CABLING INSTALLATION REQUIREMENTS:
1. ALL SPEAKER CABLING TO BE GREY.
2. ALL CABLES ARE TO BE RUN AND CONCEALED IN THE ANGLE OF THE BAR JOIST AND NEATLY CABLE-TIED TO THE BAR JOIST. DO NOT DRAPE ALONG OR BETWEEN BAR JOISTS. SAGGING WIRES ARE NOT PERMITTED.
3. ALL DATA CABLING MUST BE TESTED FOR CONTINUITY.
4. THE ONE WAY FLEX HORN IN RECEIVING MUST BE MOUNTED ABOVE THE BOTTOM CHORD OF THE BAR JOIST SO THAT IT DOES NOT INTERFERE WITH FORKLIFT OPERATION.
5. THE PENDANT MOUNTED SPEAKERS IN THE SALES AREA MUST BE INSTALLED NO LOWER THAN THE ELEVATION OF THE LIGHT FIXTURES.

PAGING OUTLINE

PAGING EQUIPMENT LIST:

ALL EQUIPMENT BY "VALCOM" 24 VOLT
- (7) WALL MOUNTED VOLUME CONTROL - MODEL #V-1092
- (1) ZONE PAGE CONTROLLER - MODEL #V-IP 201A PAGE PRO IP
- (1) ONE WAY FLEX HORN - MODEL #V-1080W
- (6) PENDANT MOUNTED SPEAKERS - MODEL #V1015B-WW
- (10) 2' X 2' LAY-IN CEILING SPEAKER

LOCATION OF VOLUME CONTROLS & CABLING LOOPS:

MANAGER OFFICE:
TWO VOLUME CONTROLS MOUNTED SIDE BY SIDE
- CONTROLS (6) PENDANT MOUNTED SPEAKERS IN SALES AREA 1A-1F & (1) ONE WAY FLEX HORN IN RECEIVING 1G.
- CONTROLS (1) 2' X 2' LAY-IN SPEAKER IN MANAGER'S OFFICE 2A.

COMPUTER COPY:
ONE VOLUME CONTROL
- CONTROLS (1) 2' X 2' LAY-IN SPEAKER IN COMPUTER COPY 3A.

ASSOCIATE RESOURCES:
ONE VOLUME CONTROL
- CONTROLS (1) 2' X 2' LAY-IN SPEAKER IN ASSOCIATE RESOURCES 4A.

SALON
TWO VOLUME CONTROLS MOUNTED SIDE BY SIDE
- CONTROLS (2) 2' X 2' LAY-IN SPEAKERS IN SALON 5A-5B
- CONTROLS (2) 2' X 2' LAY-IN SPEAKERS IN DRYING 6A-6B

SALON CHECK-IN:
ONE VOLUME CONTROL
- CONTROLS (1) 2' X 2' LAY-IN SPEAKER IN SALON CHECK-IN 7A, CONTROLS (1) 2' X 2' LAY-IN SPEAKER IN MEN'S RESTROOM 7B & (1) 2' X 2' LAY-IN SPEAKER IN WOMEN'S RESTROOM 7C.

PAGING INSTALLATION REQUIREMENTS:
1. USE ONLY GRAY JACKETED SPEAKER CABLE/CHAINS.
2. ALL CABLES ARE TO BE RUN AND CONCEALED IN THE ANGLE OF THE BAR JOIST AND NEATLY CABLE-TIED TO BAR JOIST. DO NOT DRAPE ALONG OR BETWEEN BAR JOISTS. SAGGING WIRES ARE NOT PERMITTED.
3. THE ONE WAY FLEX HORN IN RECEIVING MUST BE MOUNTED ABOVE THE BOTTOM CHORD OF THE BAR JOIST SO THAT IT DOES NOT INTERFERE WITH FORKLIFT OPERATION.
4. THE PENDANT MOUNTED SPEAKERS IN THE SALES AREA MUST BE INSTALLED NO LOWER THAN THE ELEVATION OF THE LIGHT FIXTURES.

GENERAL NOTES:

1. PROVIDE PLENUM CABLE WHERE REQUIRED BY CODE.
2. EQUIPMENT FOR ALL STORE MUSIC, DATA, & PAGING IS SUPPLIED AND INSTALLED BY PETSMART.
3. CABLING FOR ALL STORE MUSIC, DATA, & PAGING IS SUPPLIED & INSTALLED BY PETSMART.
4. PETSMART IT DEPARTMENT TO COORDINATE NETWORK INSTALLATION AND SET-UP.

TENANT:
PETSMART
19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

PROJECT:
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TITLE: DATA & CABLING PLAN

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