

TOP GUARD SHALL BE USED IN A VERTICAL — POSITION AT GATES AND OTHER CONDITIONS WHERE NECESSARY TO AVOID INTERFERENCE.

2. GATE FABRIC TO MATCH FENCE FABRIC. PROVIDE MATCHING POST CAPS WHERE REQUIRED.

3. NOTCH CURBS TO MAINTAIN 4" HEIGHT BETWEEN BOTTOM OF GATE AND PAVING.

_4" OUTSIDE

DIA. POSTS

/-WHEELS (A)

(A) SECTION

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

REGISTERED ARCHITECT

STEVEN A. BARNES

STATE OF WASHINGTON

— 2" O.D. SCHED. 40

GATE ROLLER (4/SIDE)

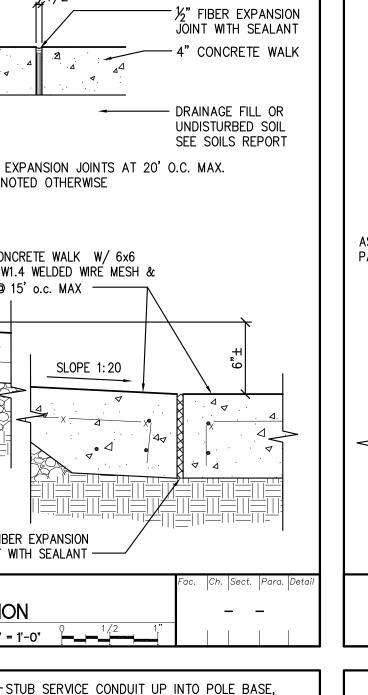
SLIDING CANTILEVER GATE

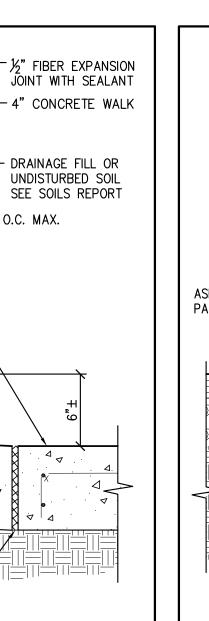
└ 2 1/2" O.D. SCHED. 80

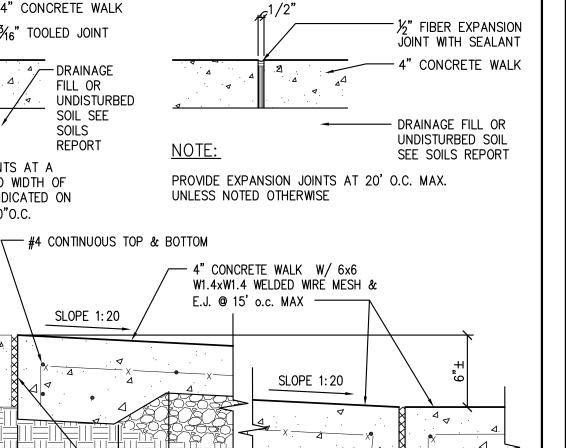
— LOCK KEEPER

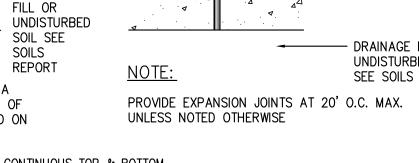
1. WELD ALL PIPE CONNECTIONS.

1 5/8" O.D. SCHED 40









SOILS SPACE TOOLED JOINTS AT A DISTANCE EQUAL TO WIDTH OF SIDEWALK OR AS INDICATED ON PLANS - TYP. 5'-0"0.C.

C2203.dwg 1-1/2" = 1'-0"

— 4" CONCRETE WALK

 $-\frac{3}{6}$ " tooled joint

NOTE:

(E) CONCRETE

ŠIĎEWALK —

| ELECTRICAL

GRADE -

8' WIDE GEOGRID WHERE-

WALL IS TALLER THAN 4'

UNIT DRAINAGE

FILL $(\frac{3}{4})$ CRUSHED

ROCK OR STONE) -

4" PERFORATED PVC

IN FILTER FABRIC ----

DRAINAGE TILE WRAPPED

△ / DRAINAGE

SLOPE 1:20

CONCRETE WALK TRANSITION

- ₩- ₩ -

LIGHT STANDARD BASE

-CHAIN LINK FENCE PER PLAN

WALL (CAP UNIT)

- MODULAR BLOCK RETAINING

- MODULAR BLOCK RETAINING

UNREINFORCED CONCRETE OR

CRUSHED STONE LEVELING PAD

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

WALL (STANDARD UNIT)

WIRING CAVITY AND BASE, SEE ELECTRICAL

-FOLLOWING INSTALLATION AND LEVELING OF POLE/LUMINAIRE MANUFACTURER. USE

SHRINKAGE-RESISTANT GROUT UNDER BASE

PROVIDE A 45 DEGREE CHAMFER.

PLATE AND COVERPLATE OVER BASE ASSEMBLY

-(6) #5 BARS (VERTICALLY SPACED EQUALLY IN A

CIRCLE) W/ #3 TIES @ 18" o.c. HORIZONTALLY.

'人' FIBER EXPANSION JOINT WITH SEALANT

CONCRETE PAVING TO CONCRETE POLE BASE

FRONT OF CURB OR EDGE OF SIDEWALK

CONDUIT, RE: SITE ELECTRICAL PLAN.

SACK FINISH EXPOSED SURFACE.

TWO (2) COATS YELLOW

REPORT.

C2206.dwg 300 1/2" = 1'-0" -------

¬ 3" CLEAR TYP.

CONCRETE BASE, FORM WITH "SONOTUBE" FORM

1. PAINT EXPOSED SURFACES OF POLE BASE WITH

SOIL OR APPROVED COMPACTED FILL PER SOILS

_ _

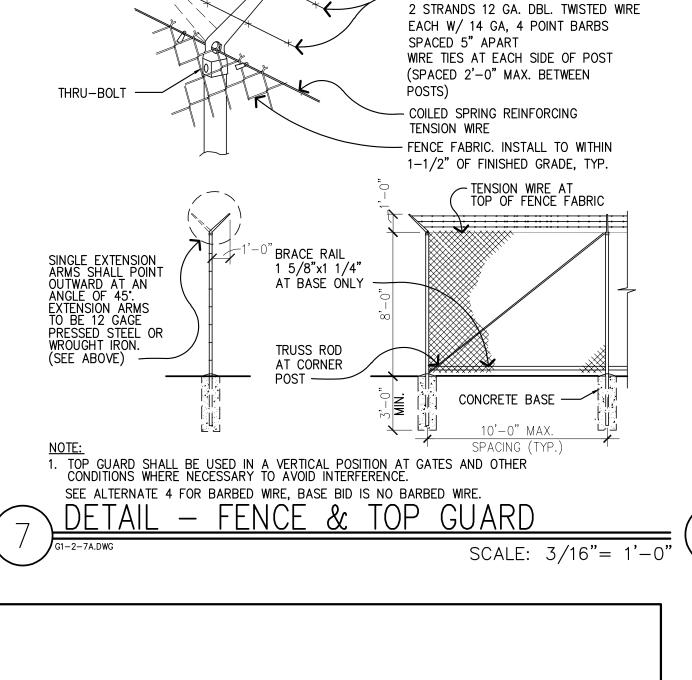
2. INSTALL POLE BASE IN NATURAL UNDISTURBED

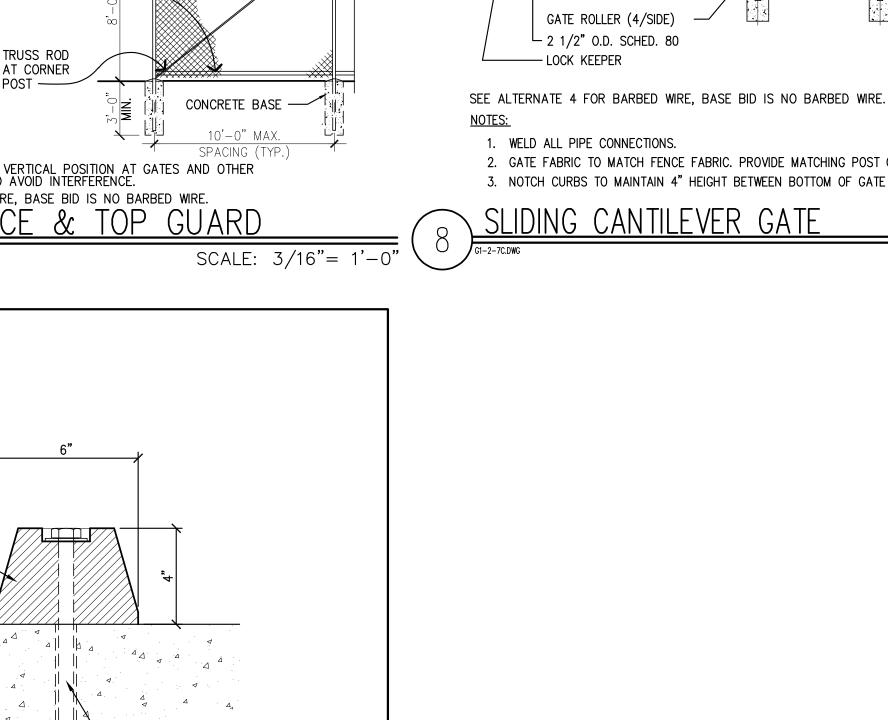
SERVICE CONDUIT CONNECT TO UNDERGROUND

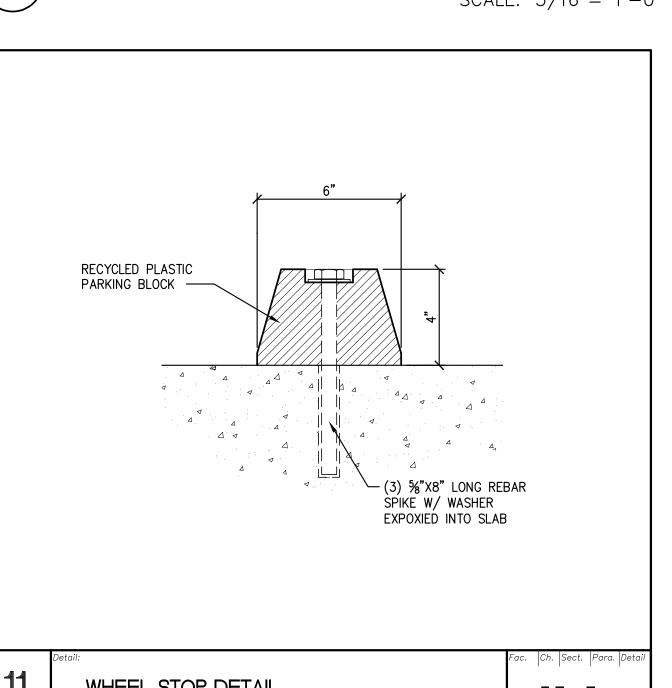
— ½" FIBER EXPANSION JOINT WITH SEALANT —

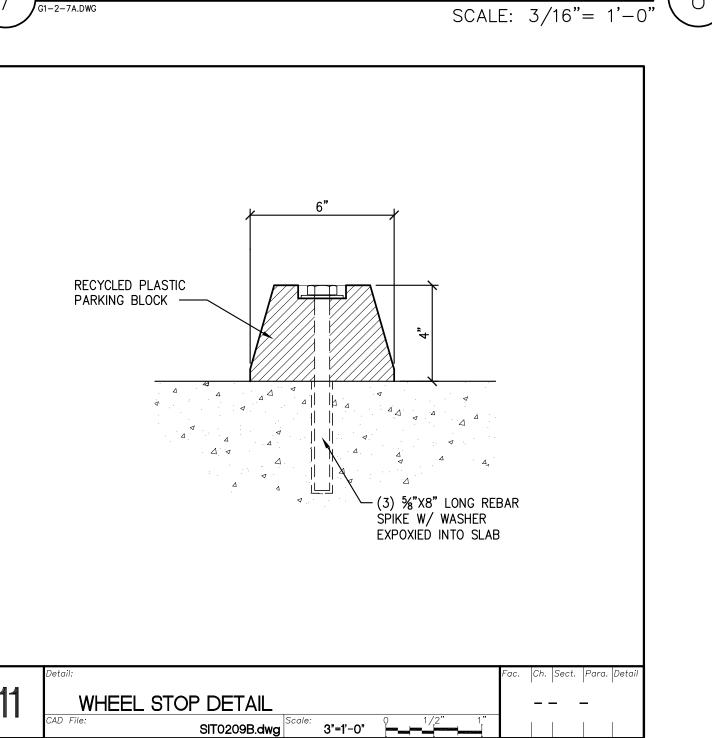
ALTERNATE FOR 6 STRANDS OF BARBED WIRE — THRU-BOLT SINGLE EXTENSION
ARMS SHALL POINT
OUTWARD AT AN
ANGLE OF 45°.
EXTENSION ARMS
TO BE 12 GAGE
PRESSED STEEL OR
WROUGHT IRON.
(SEE ABOVE) '-0" BRACE RAIL 1 5/8"x1 1/4" AT BASE ONLY TRUSS ROD AT CORNER

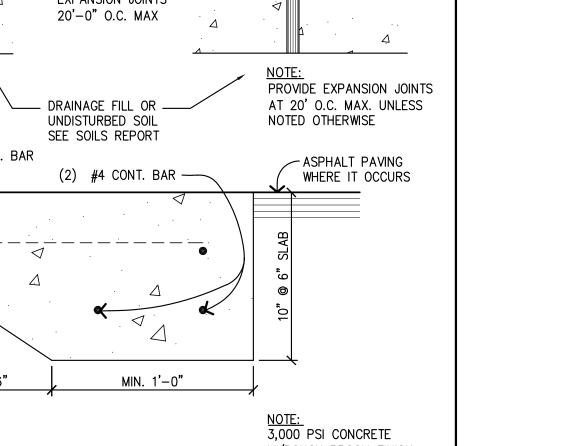
- 3 LINES BARBED WIRE CONSISTING OF 2 STRANDS 12 GA. DBL. TWISTED WIRE EACH W/ 14 GA, 4 POINT BARBS SPACED 5" APART WIRE TIES AT EACH SIDE OF POST (SPACED 2'-0" MAX. BETWEEN COILED SPRING REINFORCING TENSION WIRE FENCE FABRIC. INSTALL TO WITHIN 1-1/2" OF FINISHED GRADE, TYP. TENSION WIRE AT TOP OF FENCE FABRIC CONCRETE BASE SPACING (TYP.) 1. TOP GUARD SHALL BE USED IN A VERTICAL POSITION AT GATES AND OTHER CONDITIONS WHERE NECESSARY TO AVOID INTERFERENCE. - FENCE & TOP GUARD





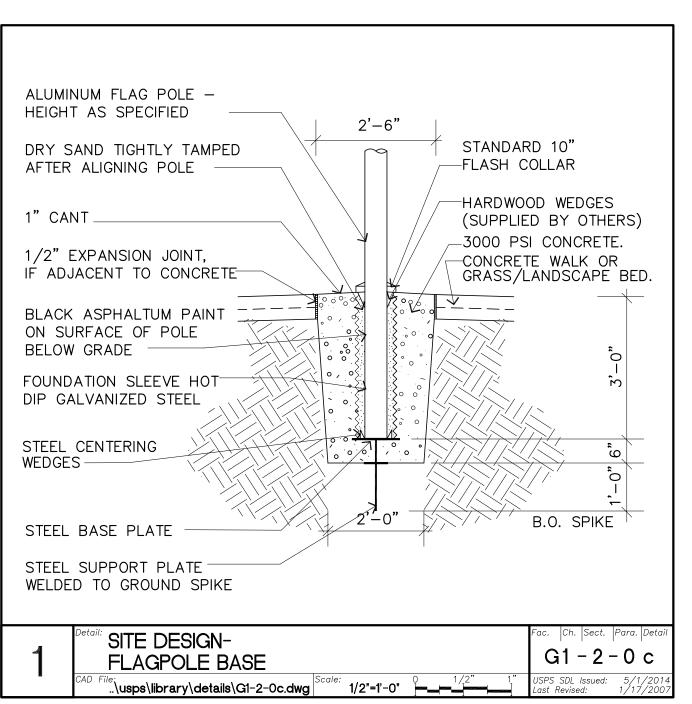


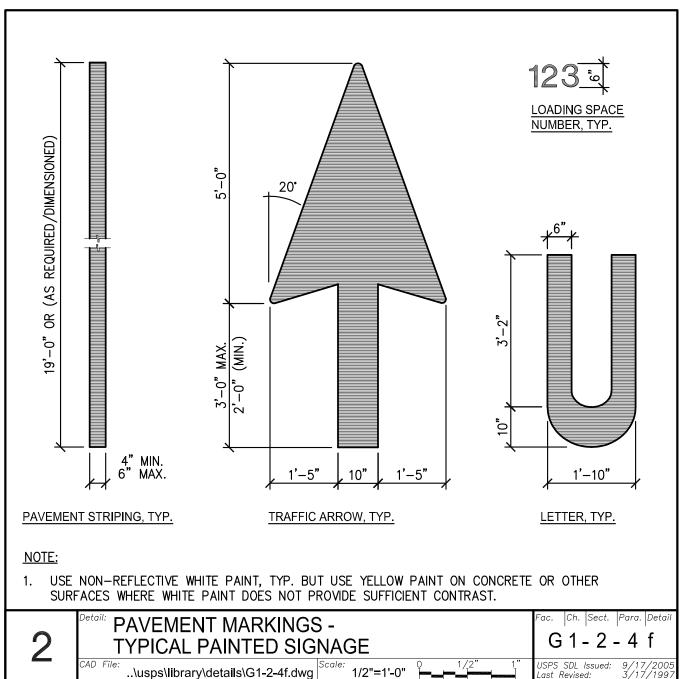


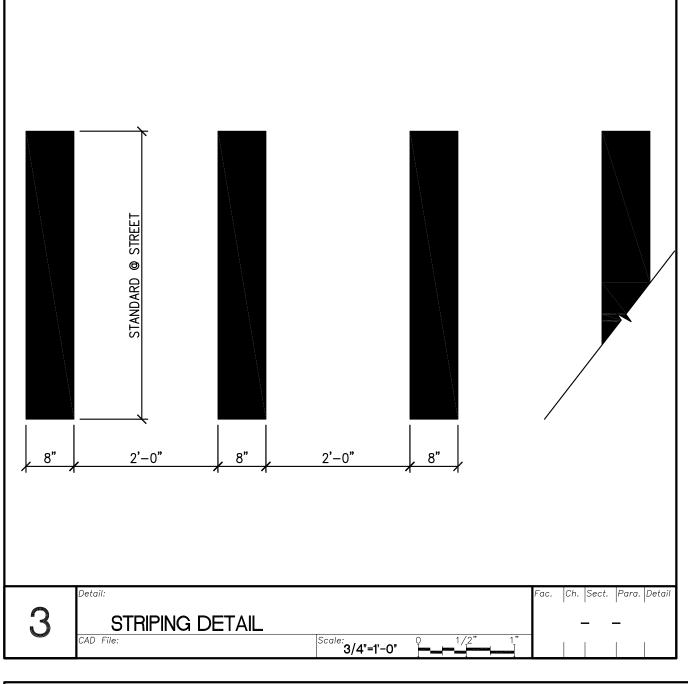


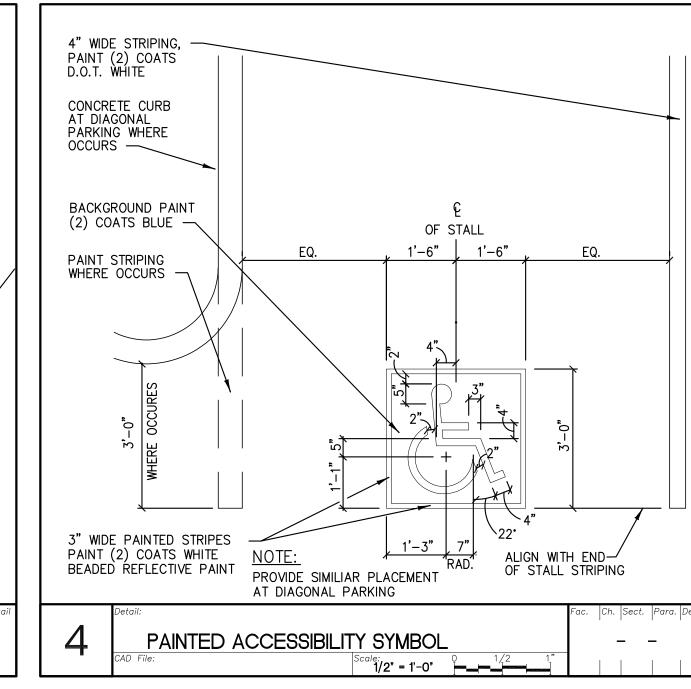


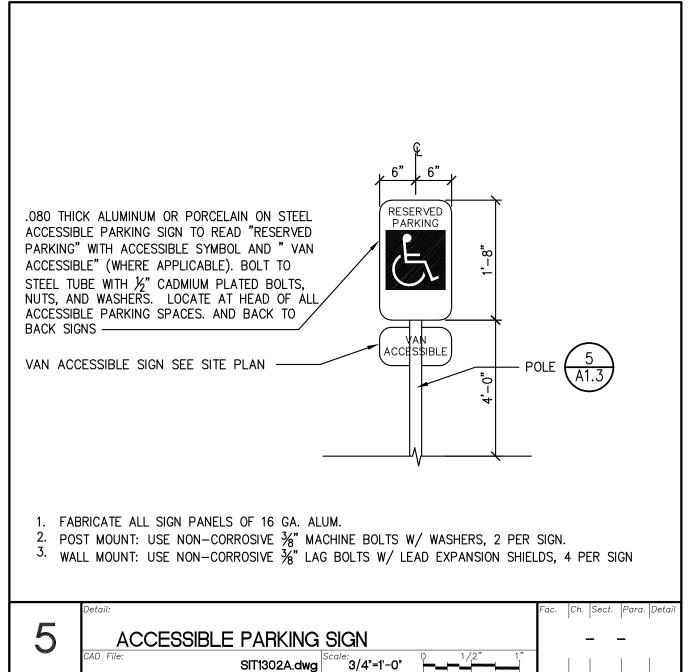


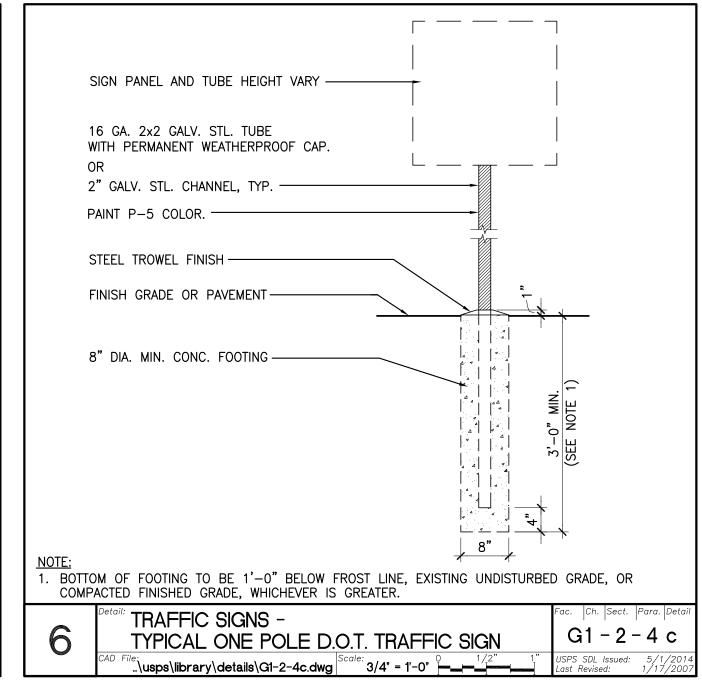


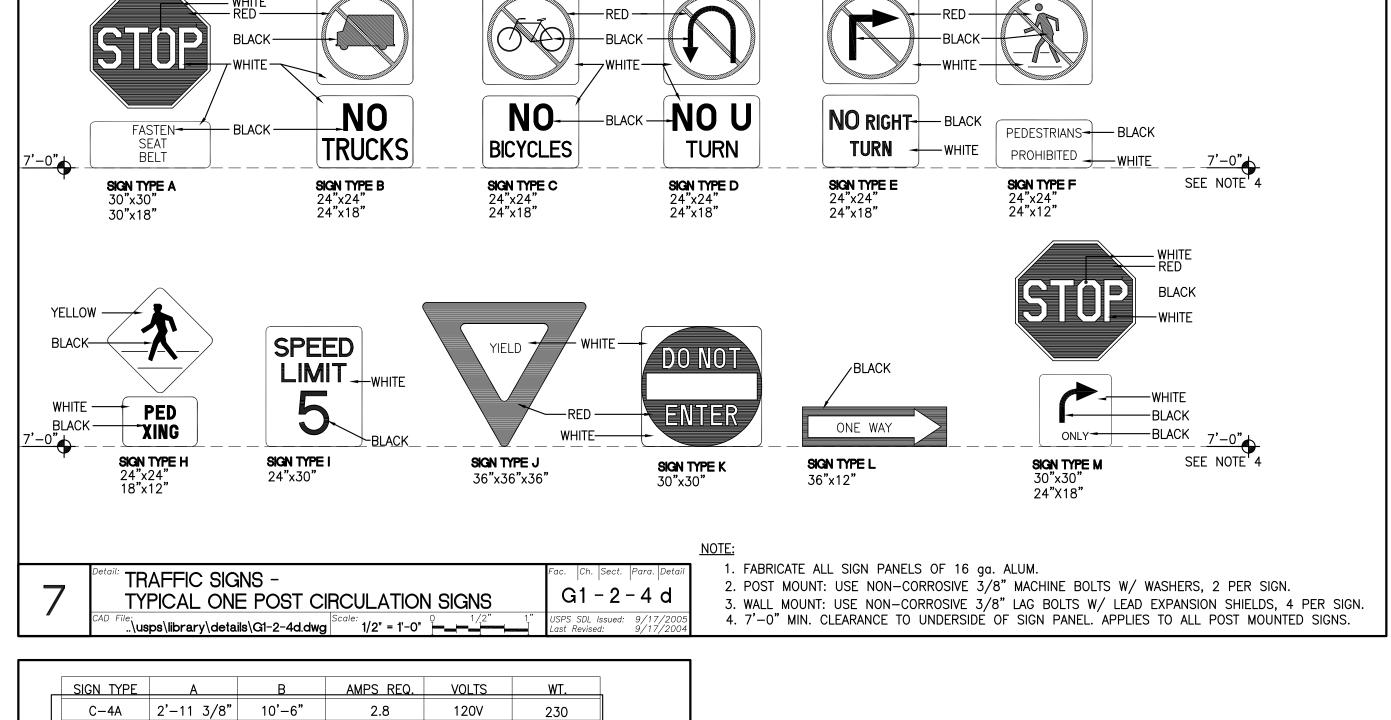


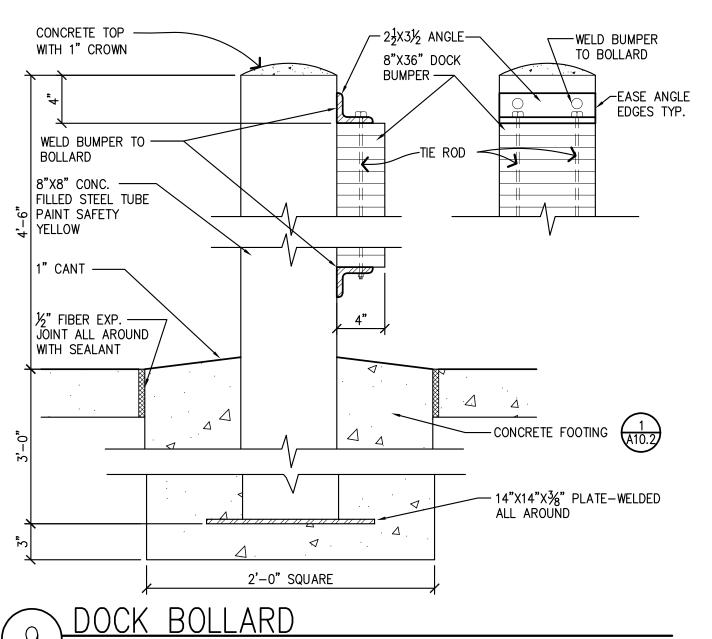




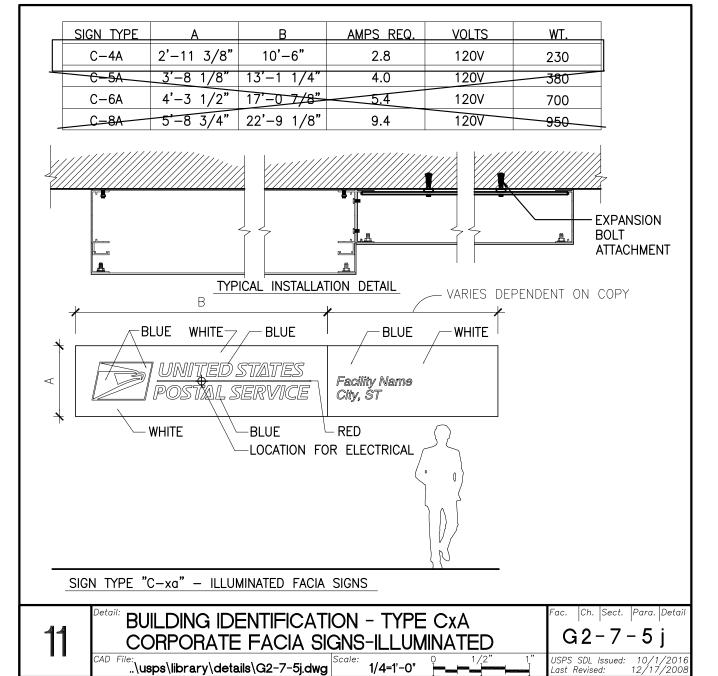


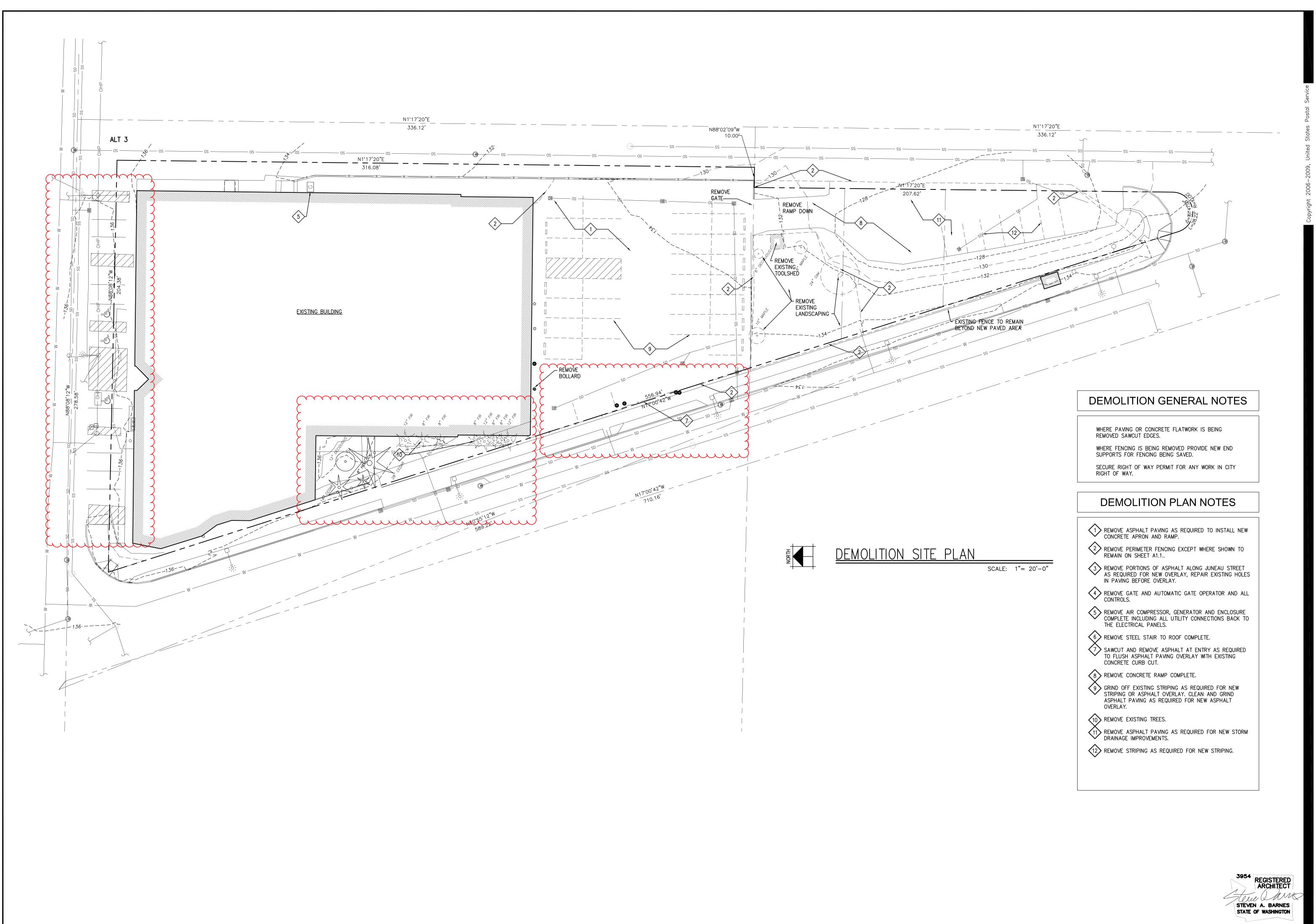




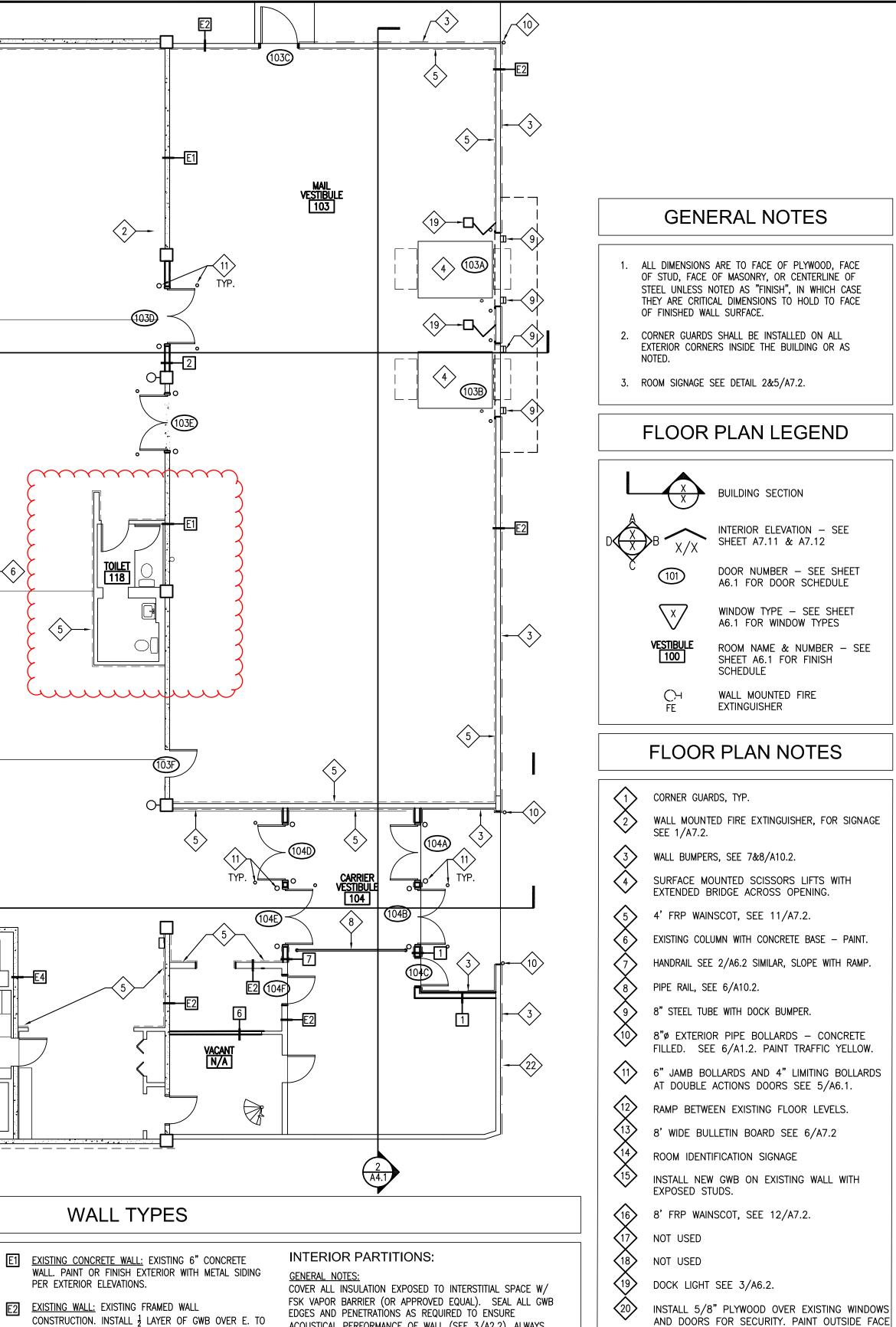


SCALE: $1 \frac{1}{2} = 1' - 0''$









CONSTRUCTION. INSTALL $\frac{1}{2}$ LAYER OF GWB OVER E. TO CREATE SMOOTH FINISH ON WORKROOM SIDE OF

E3 EXISTING FURRED WALL: 2x6 STUDS @ 24" O.C. WITH %" GWB OVER R-19 BLANKET INSULATION & VAPOR BARRIER FROM FLOOR TO ROOF DECK. REPAIR WALL WHERE DAMAGED.

E4 EXISTING CMU WALL: 8" CMU WALL

FLOOR PLAN

HALL N/A

1.21

SHADED AREA SHOWS

THAT WILL BE

PORTION OF BUILDING

PARTITIONED OFF AND

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

NO WORK IN THIS

1 EXTERIOR WALL: 2x6 WOOD STUDS @ 16" ON CENTER WITH GWB OVER VAPOR BARRIER AND R-21 BLANKET INSULATION FROM FLOOR TO ROOF DECK. FINISH EXTERIOR WITH METAL OR CONCRETE BOARD SIDING PER EXTERIOR ELEVATIONS OVER 1x FURRING FOR RAINSCREEN OVER VAPOR BARRIER SECURED TO 1/2" PLYWOOD SHEATHING. USE FSK VAPOR BARRIER WHERE INSULATION IS EXPOSED TO INTERSTITIAL

2 <u>INFILL WALL</u>: STUD SIZES TO MATCH ADJACENT WITH R-21 BLANKET INSULATION.

FURRED WALL: 2x6 STUDS @ 24" O.C. WITH 1/8" GWB OVER R-21 BLANKET INSULATION & VAPOR BARRIER FROM FLOOR TO ROOF DECK. USE FSK VAPOR BARRIER WHERE INSULATION IS EXPOSED TO INTERSTITIAL SPACE.

ACOUSTICAL PERFORMANCE OF WALL (SEE 3/A2.2). ALWAYS RUN GWB UP AT LEAST ONE SIDE OF WALL TO UNDERSIDE OF ROOF FRAMING OR ROOF INSULATION FRAMING FOR SOUND ISOLATION AND DRAFTSTOP. SEAL ALL GWB EDGES AND PENETRATIONS AS REQUIRED TO ENSURE FIRE RATING AT

5 2x6 STUDS AT 16"o.c. WITH GWB BOTH SIDES FROM FLOOR TO ROOF DECK OR UNDERSIDE OF GWB CEILING OR INTERMEDIATED FRAMING ABOVE. SOUND INSULATION FULL HEIGHT. SEE SCHEDULE FOR FINISH. SEE 2/A10.1.

RATED WALLS.

- 6 2x4 STUDS AT 16"o.c. WITH GWB BOTH SIDES FROM FLOOR TO ROOF DECK OR INTERMEDIATED FRAMING ABOVE. SOUND INSULATION FULL HEIGHT. SEE SCHEDULE FOR FINISH. SEE 1/A10.1.
- 7 SECURITY WALL: 2x6 STUDS AT 16"o.c. WITH GWB BOTH SIDES FROM FLOOR TO ROOF DECK OR UNDERSIDE OF INTERMEDIATED FRAMING ABOVE. R-21 BLANKET INSULATION. SEE SCHEDULE FOR FINISH. SEE 3/A10.1.

LEGEND

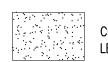
OF PLYWOOD FLAT BLACK.

HAVE BEEN REMOVED.

USPS NON-ILLUMINATED SIGN TYPE D-5NI.

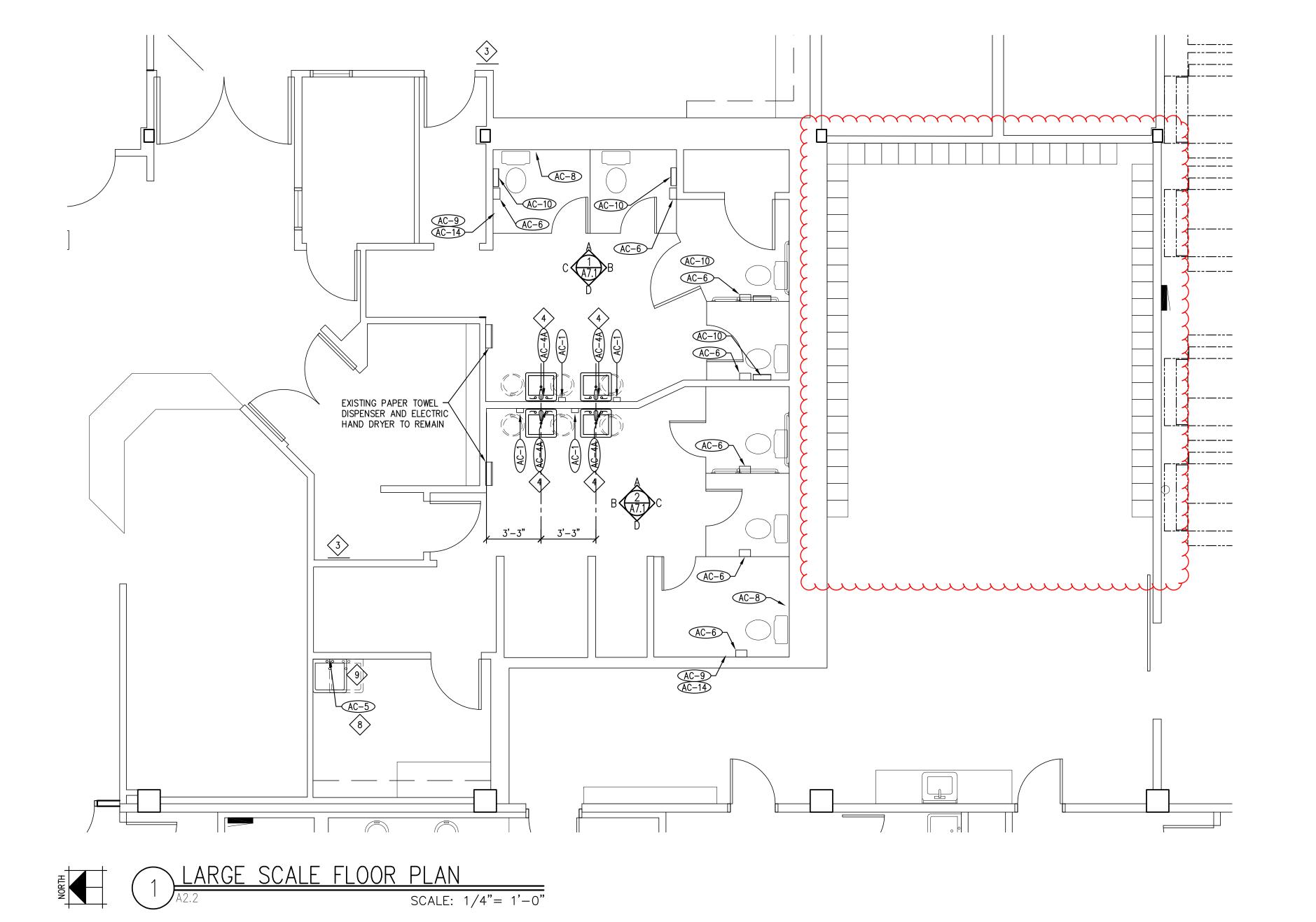
USPS LIGHTED SIGN TYPE C-4A SEE 11/A1.3.

REPAIR WALLS WHERE GWB AND INSULATION



CONCRETE RAMP BETWEEN DIFFERENT FLOOR LEVELS (4"± LEVEL CHANGE).

> REGISTERED ARCHITECT STEVEN A. BARNES STATE OF WASHINGTON



TOILET ACCESSORIES

PRODUCTS PER SPECIFICATION SECTION 102813.

- AC-1 SURFACE MOUNTED LIQUID SOAP DISPENSER
- (AC-4A) MIRROR WITH SS CHANNEL FRAME, 18" X 36"
- AC-5 MOP & BROOM HOLDER
- AC-6 SURFACE MOUNTED MULTI-ROLL TISSUE DISPENSER
- AC-7 PAPER TOWEL DISPENSER FOIC

NOTES: 1. SEE 5/A2.2 (G2-4-2a) FOR STANDARD FIXTURE MOUNTING HEIGHTS. 2. SEE 1/A2.2 FOR GRAB BAR MOUNTING.

- 2 NOT USED
- 2" TRIM MIRROR W/ STAINLESS STEEL FRAME
- AC-8 36" GRAB BAR
- AC-9 42" GRAB BAR
- AC-10 RECESSED SANITARY NAPKIN DISPOSAL
- AC-14) VERTICAL GRAB BAR

KEY NOTES

1) FRP WAINSCOT - SEE 11/A7.2

3 PICTOGRAPH – SEE 7/A7.2

5 GRAB BAR

6 PAPER TOWEL DISP./RECEP. 7 TOILET TISSUE DISPENSER

8 MOP/BROOM HOLDER 9 MOP SINK

DOUBLE TIER LOCKERS W/ SLOPED TOP — SEE 10/A7.2

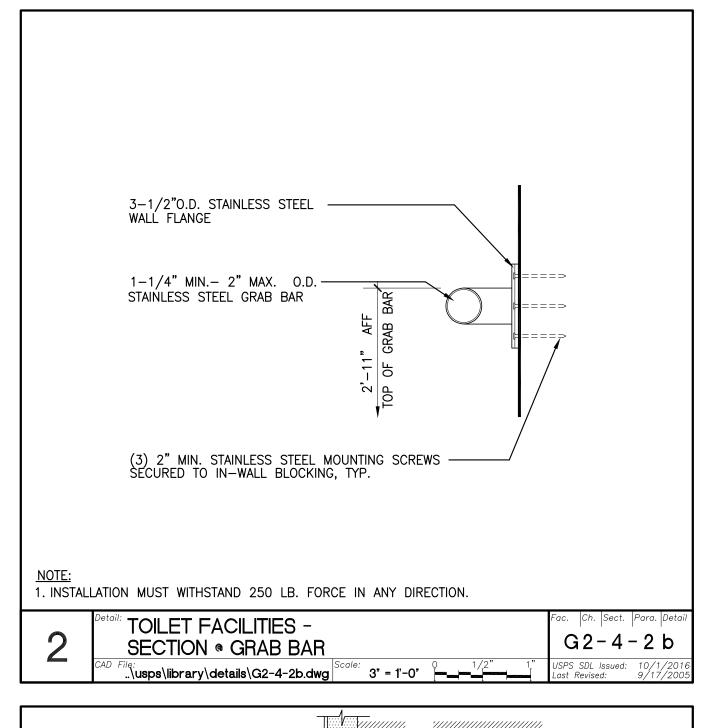
REGISTERED ARCHITECT

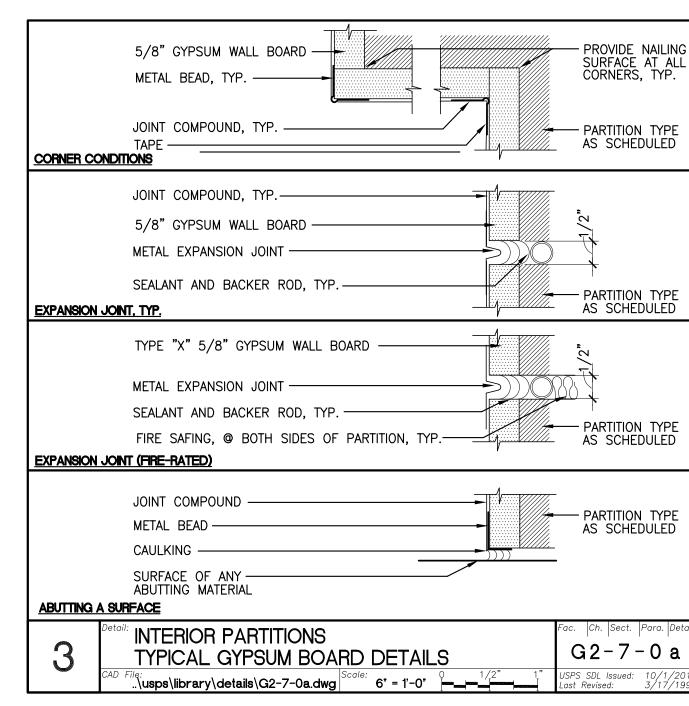
STEVEN A. BARNES
STATE OF WASHINGTON

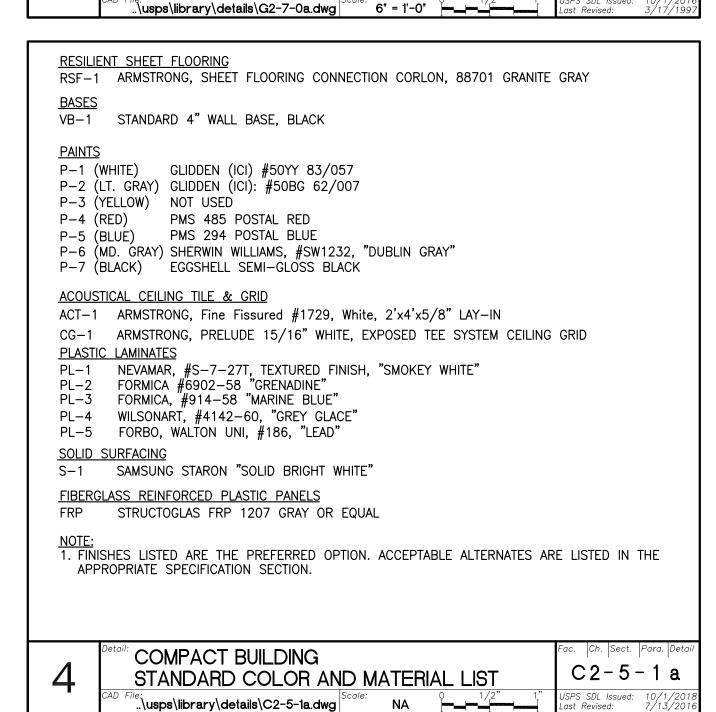
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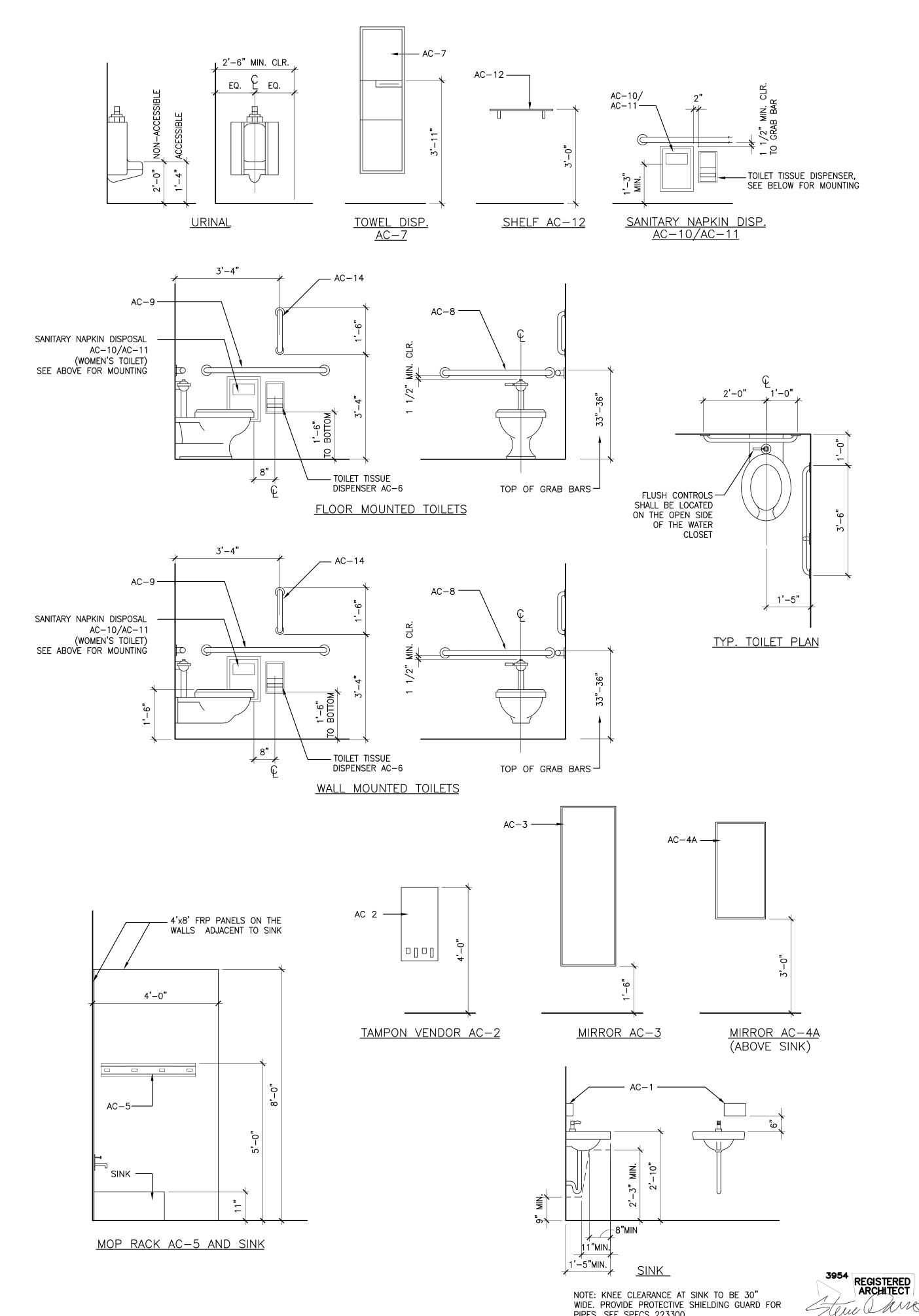
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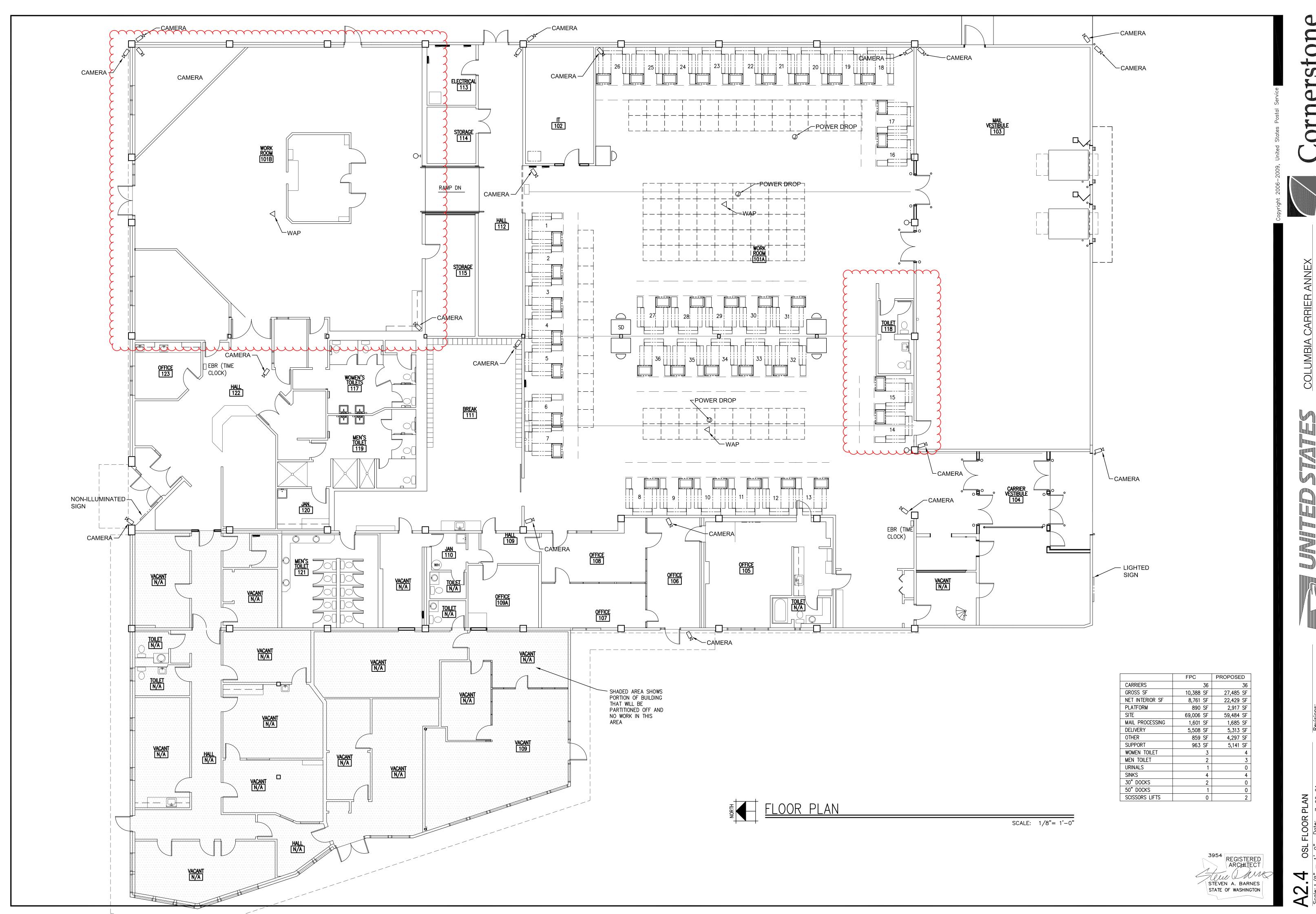








PIPES, SEE SPECS 223300.



STEVEN A. BARNES
STATE OF WASHINGTON

COLUMBIA CARRIER ANNEX
3613 SOUTH JUNEAU STREET
SEATTLE, WA 98118

Revisions:

BUILDING SECTIONS

8" = 1'-0" Date: 7-26-21

COLUMBIA STATION AQ CAX

STEVEN A. BARNES

STATE OF WASHINGTON

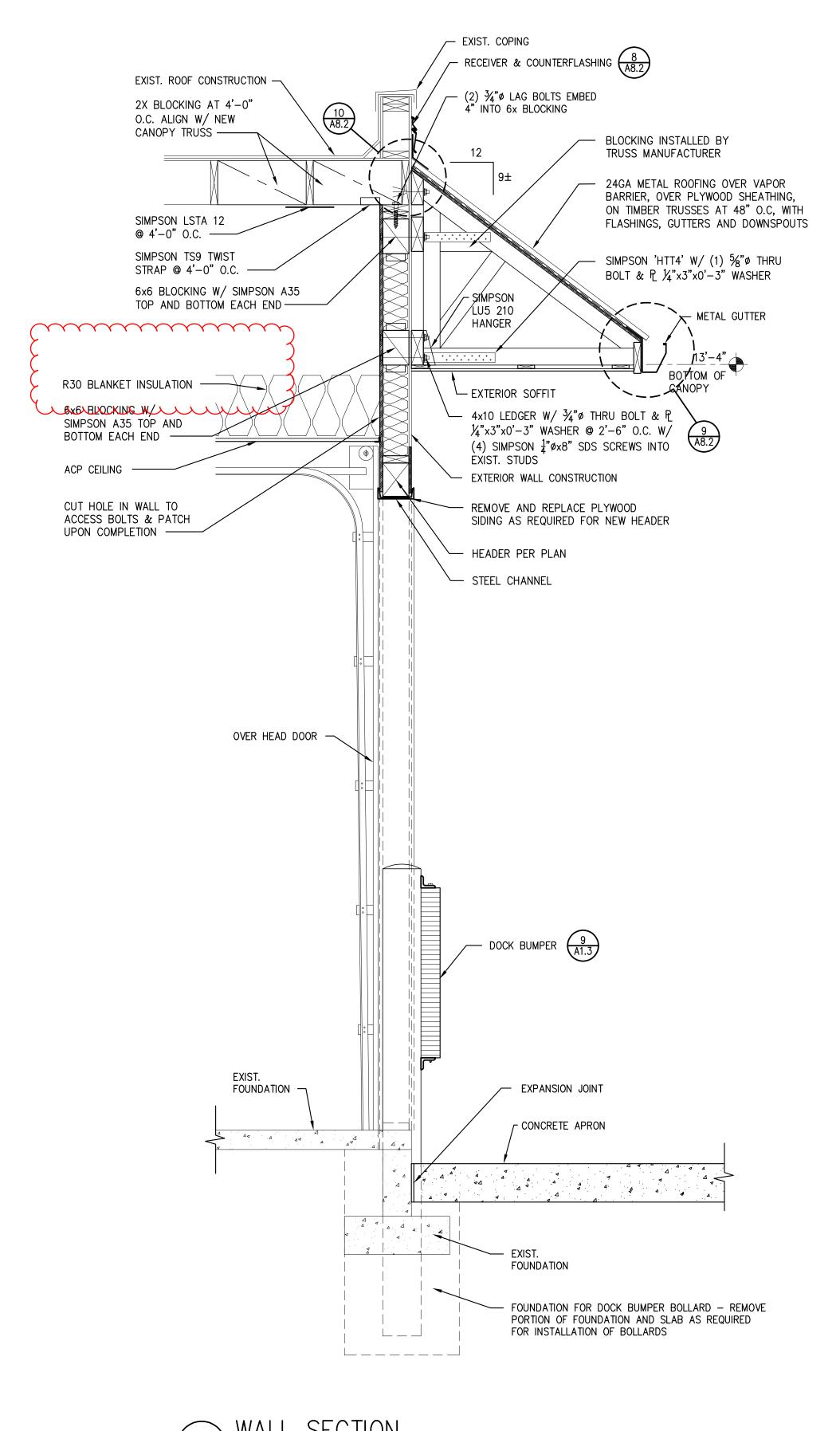
THROUGH FASTENED METAL ROOFING ATTACHED TO STEEL TUBES AND CHANNELS,

COLUMNS AND BRACES PER STRUCTURAL. ALL EXPOSED STEEL SHALL BE

POWDER COATED.

CANOPY

CONSTRUCTION:



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

TYPICAL CONSTRUCTION NOTES

4" DIAMETER PERFORATED PIPE IN WASHED GRAVEL. TIE INTO STORM DRAIN FOUNDATION DRAIN: SYSTEM PER CIVIL DRAWINGS.

CONCRETE WALK: 4" CONCRETE SLAB-ON-GRADE REINFORCED WITH 6X6 W/1.4 X W/1.4 WELDED

WIRE FABRIC AT CENTERLINE OVER 2" COARSE SAND BED.

EXISTING FLOOR EXISTING 4" & 6" CONCRETE SLAB-ON-GRADE. EXISTING EXTERIOR EXISTING 8" CMU WALL. PATCH, REPAIR AND PAINT,

CMU WALL: 8" MASONRY SCREEN WALL WITH GROUND FACE, SMOOTH FACE FINISHES CMU SCREEN WALL:

FURRED WALL: 2X6 WOOD STUDS @ 24"O.C. W/ R-21 INSULATION AND GWB INTERIOR FINISH OR (2X4 STUDS FLAT WITH RIGID INSULATION)

INTEGRALLY COLORED, GROUT SOLID & SEAL ALL WALLS.

GWB EACH SIDE OF 2X WOOD STUDS @ 16"O.C. WITH SOUND INSULATION. WALLS INTERIOR PARTITION CONSTRUCTION: CONTINUE FULL HEIGHT TO UNDERSIDE OF ROOF DECK FOR FIRE SEPARATION.

SOME WALLS HAVE PLYWOOD SHEATHING ONE OR BOTH SIDES PER STRUCT. 2X4 SUSPENDED ACOUSTICAL PANEL CEILING. TYPE PER CEILING PLAN & ACOUSTICAL CEILING

(ACP): GWB CEILING: GWB ON 2X4 OR 2X6 CEILING JOISTS @ 16"O.C. PROVIDE (2) LAYERS UNDER MEZZ. FLOOR & OTHER AREAS AS SHOWN.

5/8" PLYWOOD SHEATHING ON 2X4 CEILING JOISTS @ 16" O.C. SECURITY CEILING: EXTERIOR SOFFIT: $\frac{1}{4}$ " FIBER CEMENT CONCRETE BOARD SMOOTH ON UNDERSIDE OF ROOF JOISTS OR

SOFFIT FRAMING. 2X6 OR AS NOTED W/ FRAMING ANCHORS WELDED TO STEEL STRUCTURES @ STRONGBACK: 48"O.C. OR EA. END AS REQUIRED. NAIL TO WOOD FRAMING.

3-PLY SBS MODIFIED BITUMEN ROOF MEMBRANE OVER COVERBOARD AND R-30 MEMBRANE RIGID POLY-ISO INSULATION OVER EXISTING PLYWOOD SHEATHING & TRUSSES. ROOF

CONSTRUCTION: VAPOR BARRIER: PROVIDE VAPOR BARRIER SCRIM OVER UNFACED BATTS IN ALL ATTIC AREAS WHERE INSULATION IS EXPOSED TO ATTIC. INSTALL OVER INSULATION ON WALLS (BOTH THERMAL AND SOUND INSULATION) AND UNDERSIDE OF CEILING

CANOPY THROUGH FASTENED METAL ROOFING ATTACHED TO STEEL TUBES AND CHANNELS, CONSTRUCTION: COLUMNS AND BRACES PER STRUCTURAL. ALL EXPOSED STEEL SHALL BE POWDER COATED.

INSULATION. TAPE ALL JOINTS.

REMARKS / NOTES

X IMPACT DOOR — INTERIOR. SEE NOTES B & C

ENTRANCE/EXIT DOOR - NOTE H

EMPLOYEE ENTRY/EXIT - NOTE H

NOTES

GWB ALL WALLS,

| ● | NOTE 4

WORKROOM/EXIT DOOR.

12 & 23 X WORKROOM - VACANT SPACE - NOTE G

CLG. HGT.

•

A6



ALUM

НМ

EXIST

P-6

P-6

P-6

P-6

P-6

ROOM #

101A | WORK ROOM

101B | WORK ROOM

103 | MAIL VESTIBULE

105 OFFICE 106 OFFICE

107 OFFICE 108 OFFICE

109 | HALL 109A OFFICE

110 JAN

111 BREAK

112 HALL

113 | ELECTRICAL

114 STORAGE

115 STORAGE

117 WOMEN

118 | TOILET

119 MEN 120 JAN 121 MEN

122 HALL 123 OFFICE

CARRIER VESTIBULE

11/A6.1

6/A6.2

6/A6.2

ROOM NAME

11/A6.1

6/A6.2

6/A6.2

11/A6.3

FLOOR / BASE

•

1 | X

ROOM FINISH SCHEDULE

WALLS | CLG. MATL.

SEE SPECS. FOR DOOR AND FRAME PAINT FINISH. RELOCATE EXISTING DOUBLE ACTION DOOR & FRAME.

PROVIDE DOOR LIMITING OVERHEAD BRACKET. SEE DETAIL 11/A6.2. FOR SIGNAGE SEE 2/A6/1. ROOM OR EXIT DOOR SIGNAGE REQUIRED. SEE DETAILS 2 & 7/A7.2.

106 3'-0" 7'-0" 1 3/4" EXIST ALUM/GLASS FF EXIST

| 122B | 3'-0" | 7'-0" | 1 3/4" | A | HM | P-6 | A |

1 3/4" EXIST

1 3/4"

EXIST | SEE SPECS.

7'-0" 1 3/4" EXIST ALUM/GLASS FF EXIST

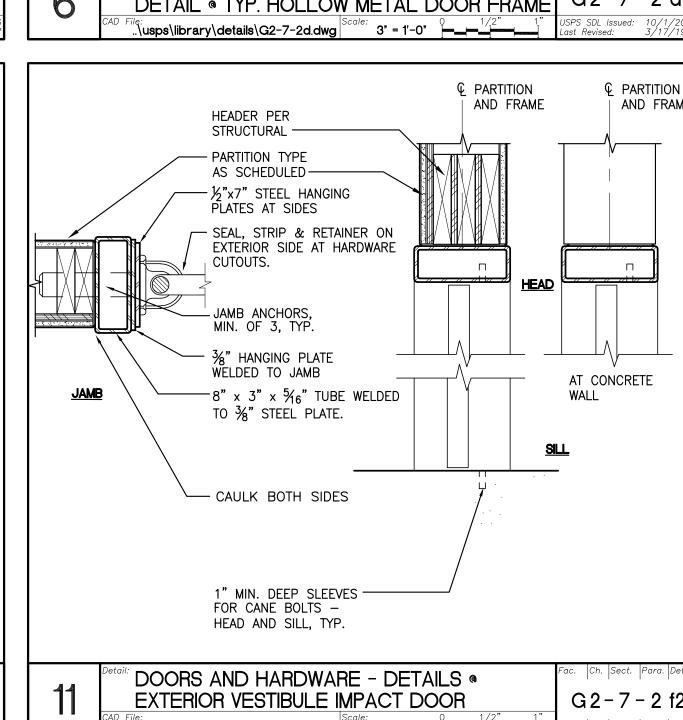
НМ

INSTALL NEW DOOR & HARDWARE IN EXISTING FRAME. INSTALL NEW HARDWARE ON EXISTING STOREFRONT DOORS. C: COCKSET/SHALL BE KEYED FROM BOTH SIDES, VALWAYS LOCKED.

INSTALL NEW ADAMS RIGHT DEADLOCK MS-1850 ALL OTHER DOOR HARDWARE TO REMAIN.

BUILDING IDENTIFICATION - IMPACT DOOR PICTOGRAPHS Fac. Ch. Sect. Para. Detail	Jummunumm
D File:\usps\library\details\G2-7-5z3.dwg	(
6" JAMB BOLLARD (SEE G2-7-4A)	A A
	PARTITION TYPE AS SCHEDULED
	JAMB ANCHOR— TYP. OF 3, MIN. CAULKING— TYP.
4 1/2" 4" DOOR LIMITING BOLLARD (SEE G2-7-4A)	
EDGE OF DOOR EDGE OF DOOR	HOLLOW METAL— DOOR FRAME, TYP. AS SCHEDULED
DOOR EDGE BOLLARD, TYP. (SEE G2-7-4A) SEE NOTE 2.	

	6	DOORS AND HARDWARE - DETAIL • TYP. HOLLOW METAL DOOR FRAME	Fac. Ch. Sect.	1 1
Į		CAD File:\usps\library\details\G2-7-2d.dwg	USPS SDL Issued: Last Revised:	10/1/201 3/17/199
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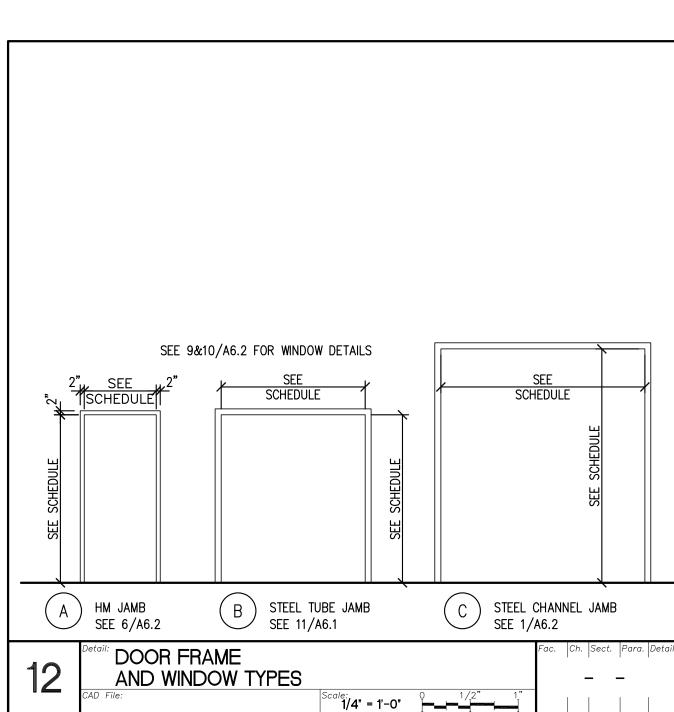


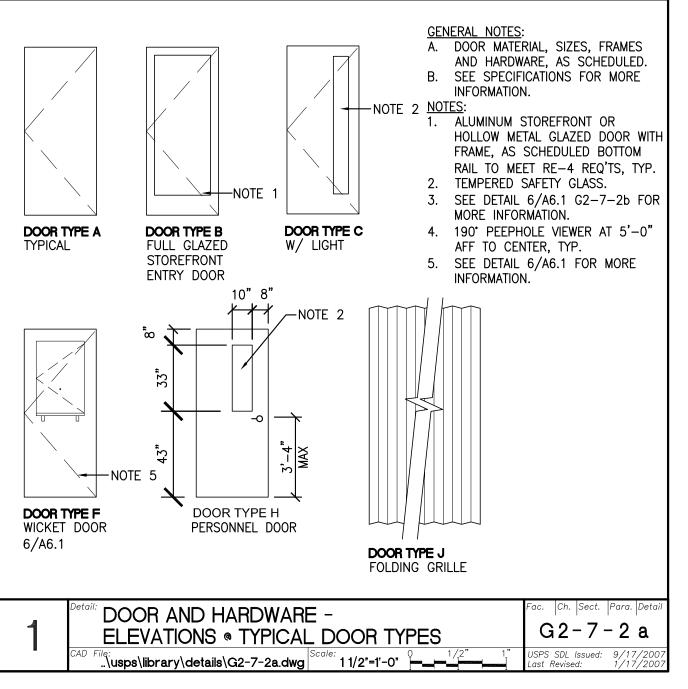
0,7	SEE 9&10/A6.2 FOR WINDOW DETAILS		CLL	
2" SEE SCHEDULE	SEE SCHEDULE	S	SEE CHEDULE	
			IEDULE	
SCHEDULE		HEDOLE	SEE SCHEDULE	
SEE SC		SEE SCHEDULE	δ	
A HM JAMB	B STEEL TUBE JAMB	C STEEL	L CHANNEL JAMB	

2. SEE DOOR SCHEDULE FOR ADDITIONAL FINISH INFORMATION.

3. SEE 4/A6.1 FOR STANDARD COLOR AND MATERIAL LIST.

4. FIRE TAPE WALLS AND CEILINGS ONLY.

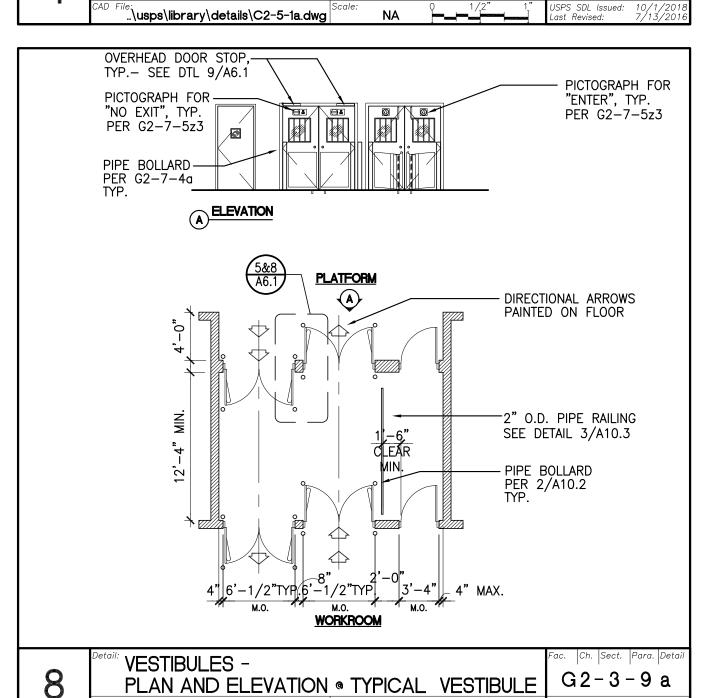




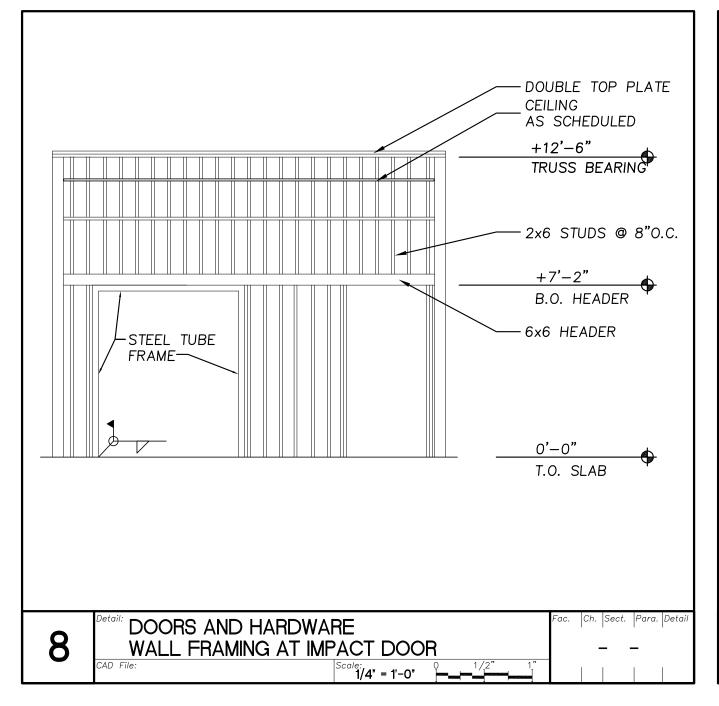
<u>RESILIEN</u> RSF-1	T SHEET FLOORING ARMSTRONG, SHEET FLOORING CONNECTION CORLON, 88701 GRANITE GRAY
<u>BASES</u> VB-1	STANDARD 4" WALL BASE, BLACK
P-2 (LT P-3 (YE P-4 (RE P-5 (BL P-6 (MI	HITE) GLIDDEN (ICI) #50YY 83/057 C. GRAY) GLIDDEN (ICI): #50BG 62/007 CLLOW) NOT USED ED) PMS 485 POSTAL RED LUE) PMS 294 POSTAL BLUE D. GRAY) SHERWIN WILLIAMS, #SW1232, "DUBLIN GRAY" LACK) EGGSHELL SEMI-GLOSS BLACK
ACT-1 CG-1 <u>PLASTIC</u> PL-1 PL-2	ARMSTRONG, PRELUDE 15/16" WHITE, EXPOSED TEE SYSTEM CEILING GRID LAMINATES NEVAMAR, #S-7-27T, TEXTURED FINISH, "SMOKEY WHITE" FORMICA #6902-58 "GRENADINE" FORMICA, #914-58 "MARINE BLUE" WILSONART, #4142-60, "GREY GLACE"
<u>SOLID SI</u> S—1	<u>URFACING</u> SAMSUNG STARON "SOLID BRIGHT WHITE"
<u>FIBERGLA</u> FRP	ASS REINFORCED PLASTIC PANELS STRUCTOGLAS FRP 1207 GRAY OR EQUAL
	HES LISTED ARE THE PREFERRED OPTION. ACCEPTABLE ALTERNATES ARE LISTED IN THE OPRIATE SPECIFICATION SECTION.

COMPACT BUILDING

STANDARD COLOR AND MATERIAL LIST



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AN ARROW "ENTER" SIGN SHALL BE MOUNTED ON THE APPROACH SIDE OF VESTIBULE IMPACT DOORS @ 6'-6" AFF. $(\pm\ 5\ IN)$ TO CENTERLINE OF SIGN.

"ENTER" SIGN SHALL BE 6" MIN. DIAMETER HAVING A GREEN CIRCLE SURROUNDING A BLACK ARROW ON A WHITE BACKGROUND, TYP.

A "NO ENTRY" OR "NO EXIT" SIGN SHALL BE MOUNTED ON THE APPROACH SIDE OF VESTIBULE IMPACT DOORS THAT SWING TOWARD PEDESTRIANS ATTEMPTING TO

"NO ENTRY" OR "NO EXIT" SIGNS SHALL BE 6" MIN. DIA. WITH WORDING IN 2" MIN. WHITE LETTERS ON RED BACKGROUND, TYP.

TRAVEL IN THE WRONG DIRECTION. MOUNT @ 6'-6"

(±5 IN) TO CENTERLINE OF SIGN.

100 HOURT

λ |----WHITE

"NO ENTRY" OR "NO EXIT" SIGNS

. PROVIDE 5" SPACING AT INTERIOR DOORS (4" BOLLARDS), AND 6" AT EXTERIOR DOORS

LOCATION OF IMPACT DOOR BOLLARDS

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PROTECTIVE BARRIERS -

C2-5-1 a

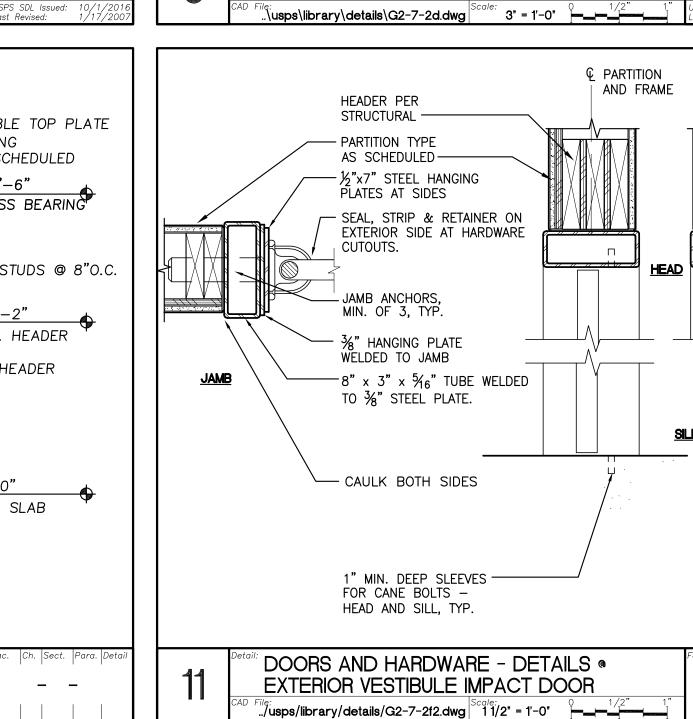
. PROVIDE 4" DOOR LIMITING BOLLARD WHEN LOCATED INSIDE VESTIBULE AND 6" BOLLARDS OUTSIDE OF VESTIBULE.

G2-7-4 a2

GREEN

"ENTER" SIGN

200 MODILA







PLYWOOD SHEATHING

- MOISTURE BARRIER

 $-\frac{3}{4}$ " Furring Strips

- ALUM. VERT. F TRIM

- FIBER CEMENT

SIDING

EXTRUSION

SEALANT &

BACKER ROD

JAMB FLASHING

- ALUMINUM WINDOW

WEEPS. DO NOT SEAL

— SS SILL PAN, EXTEND UNDER JAMB TRIM

HORIZONTAL ALUM.

 $--\frac{3}{4}$ " furring strips

- MOISTURE BARRIER

- PLYWOOD SHEATHING

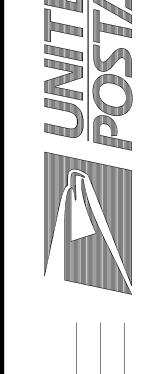
_ _

EDGE TRIM

SIDING

- FIBER CEMENT

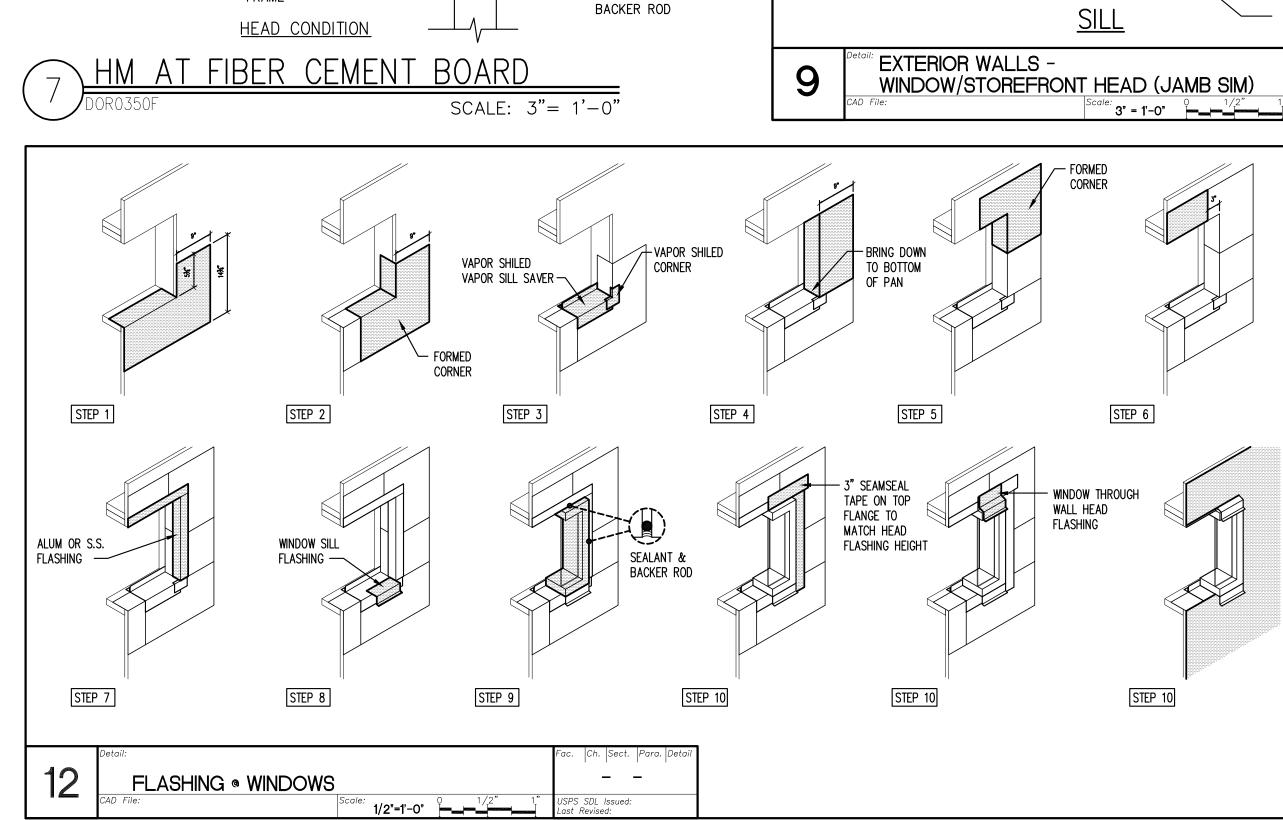
OR BLOCK WEEPS





A6

STEVEN A. BARNES
STATE OF WASHINGTON



- PLYWOOD SHEATHING

- FURRING STRIPS

W/ EPDM

— FIBER CEMENT BOARD

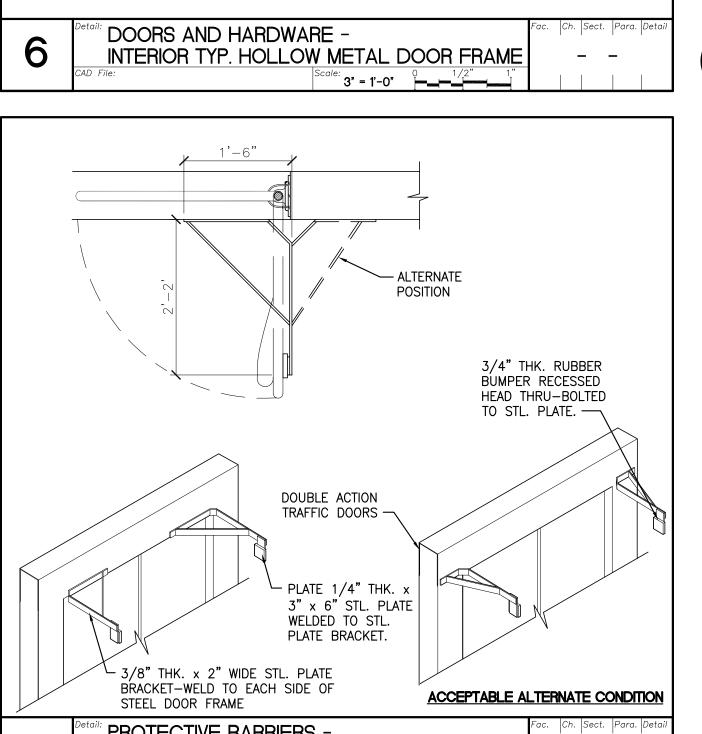
- VENT STRIP

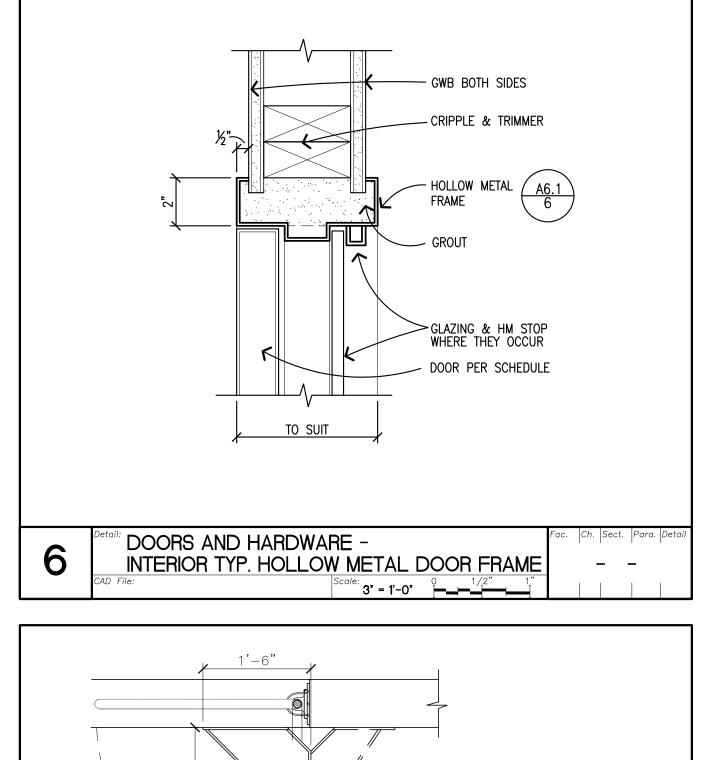
DRAINAGE FLASHING

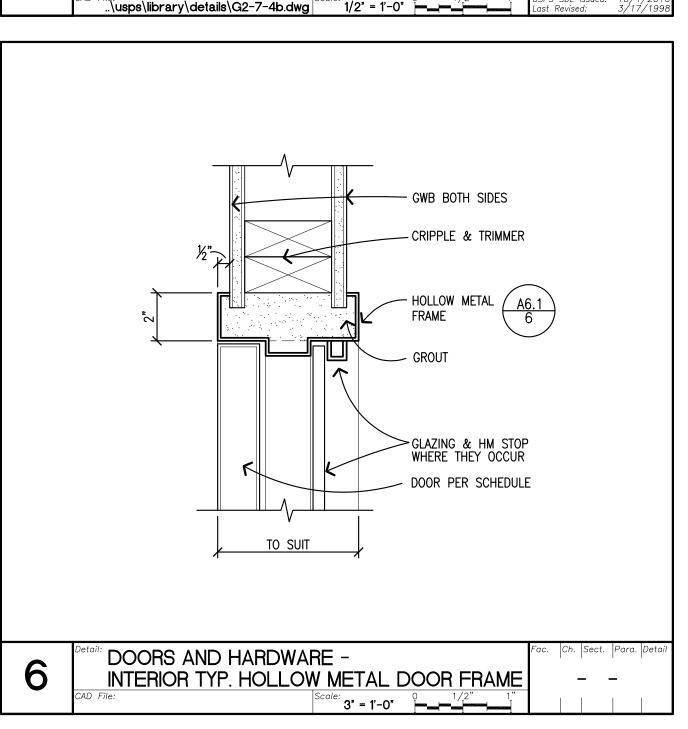
(DRIP) EXTEND ENDS

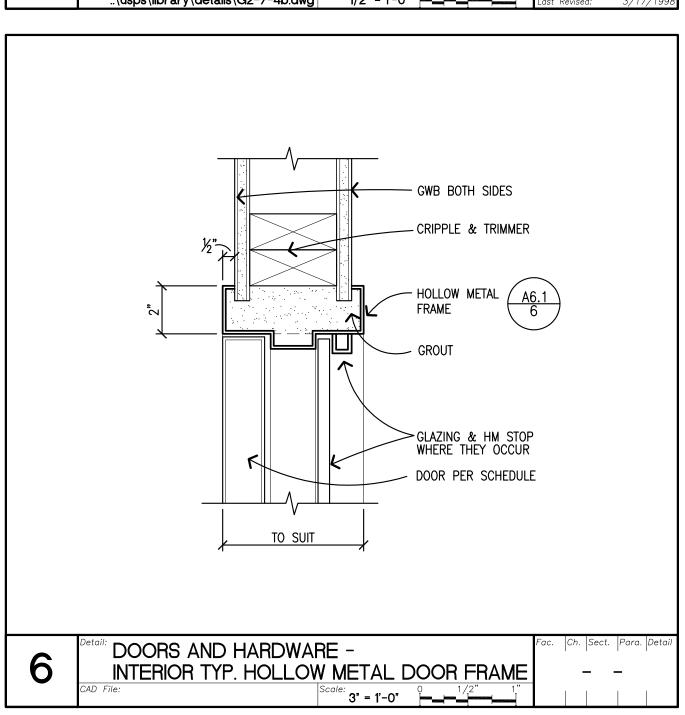
ÒVER JAMB TRIM

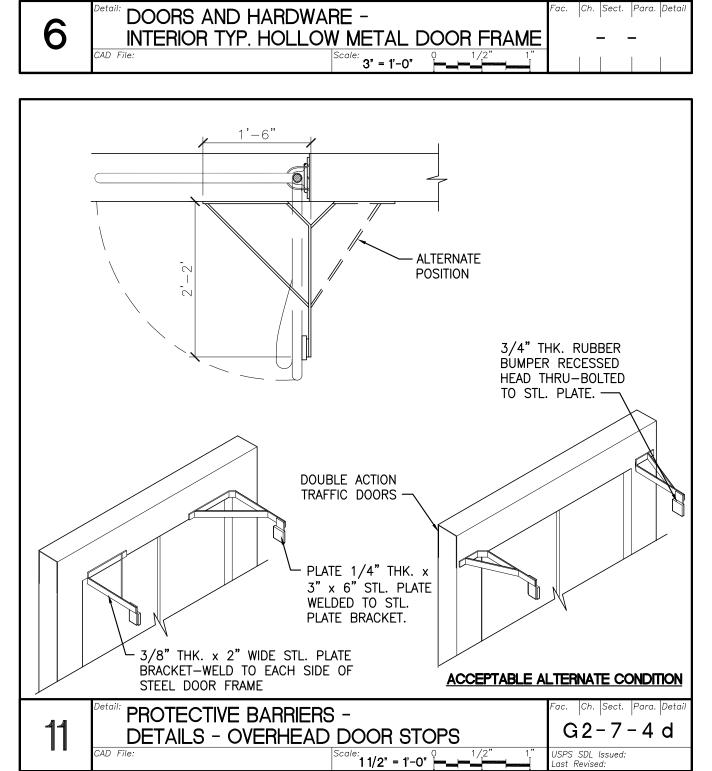
SEALANT &

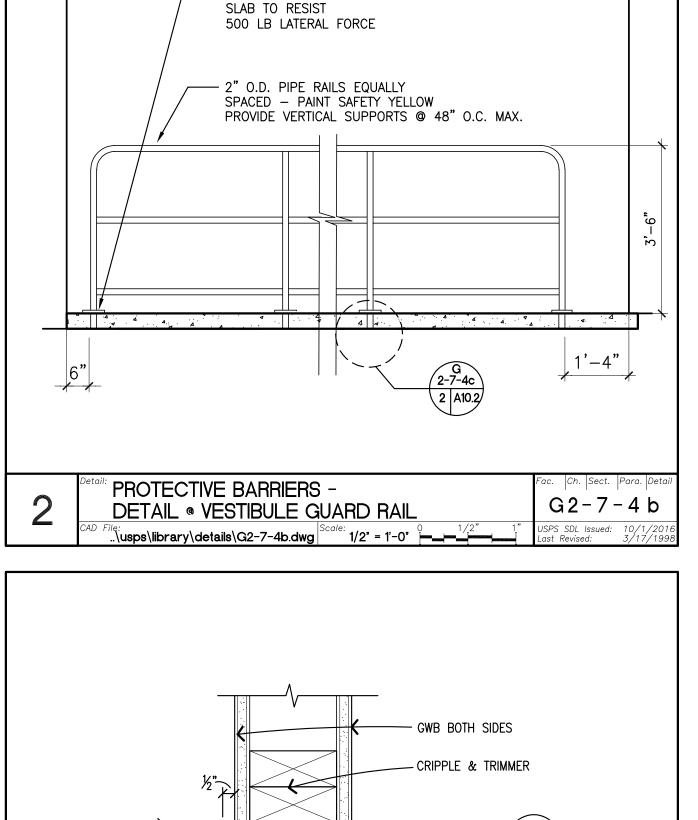




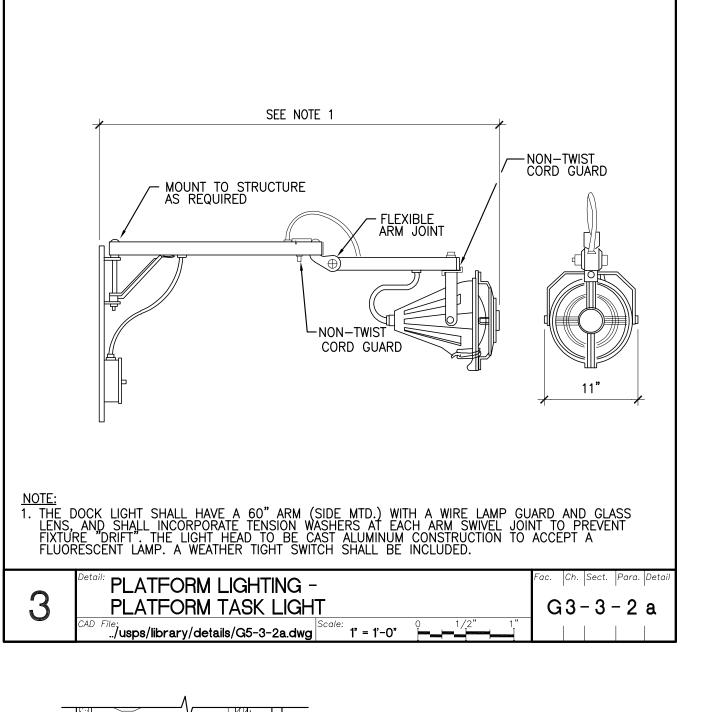








- 6" SQUARE BASE PLATE — ANCHOR TO FLOOR



- FIBER CEMENT

F-TRIM

BOARD

GROUTED HM

JAMB CONDITION

GROUTED HM

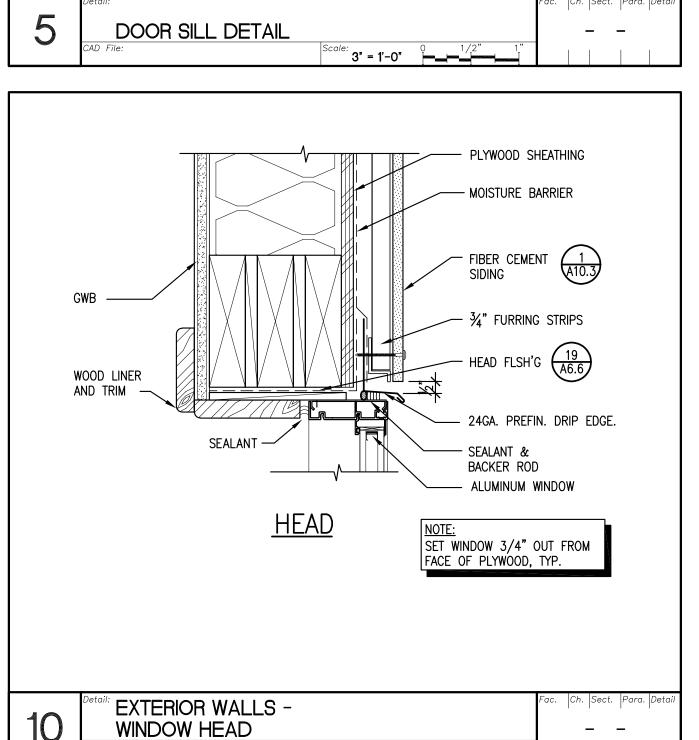
FRAME ----

FRAME ——

SEALANT

BOARD W/ VERT

── ¾ x 3½" SMOOTH FIBERCEMENT TRIM



Scale: 3" = 1'-0"

FIBER CEMENT BOARD W/ VERT

- SEALANT & BACKER ROD

HEAD CONDITION

STEEL CHANNEL AT FIBER CEMENT BOARD

HM FRAME OR — STOREFRONT

GRADE OR PAVING -

BEYOND

DOOR BOTTOM >

SCHEDULE

SCHEDULE

PER HARDWARE

PER HARDWARE

METAL THRESHOLD >

EXP JOINT

- PLYWOOD SHEATHING

DRAINAGE FLASHING

(DRIP) EXTEND ENDS

ÒVER JAMB TRIM

- SEALANT & BACKER ROD

SCALE: 3" = 1' - 0"

— FURRING STRIPS

FIBER CEMENT

W/ EPDM

BOARD

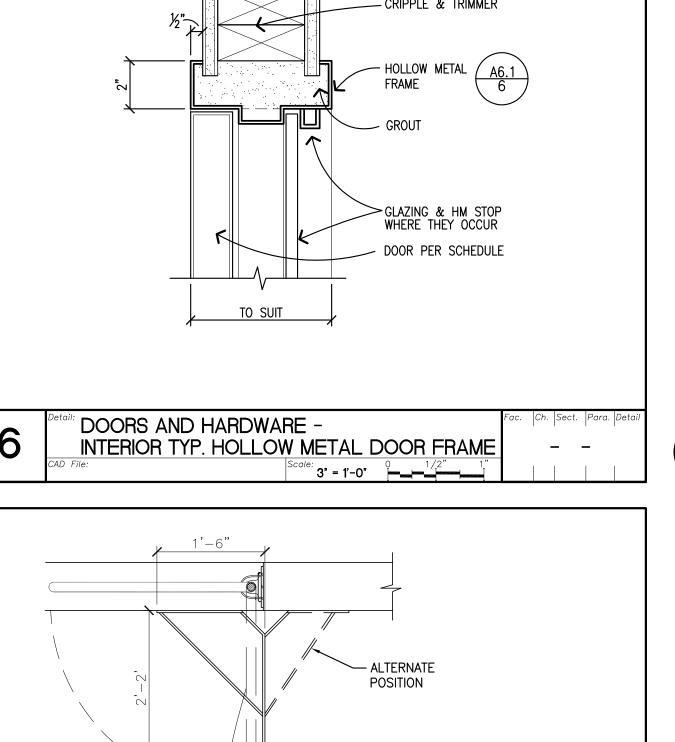
- VENT STRIP

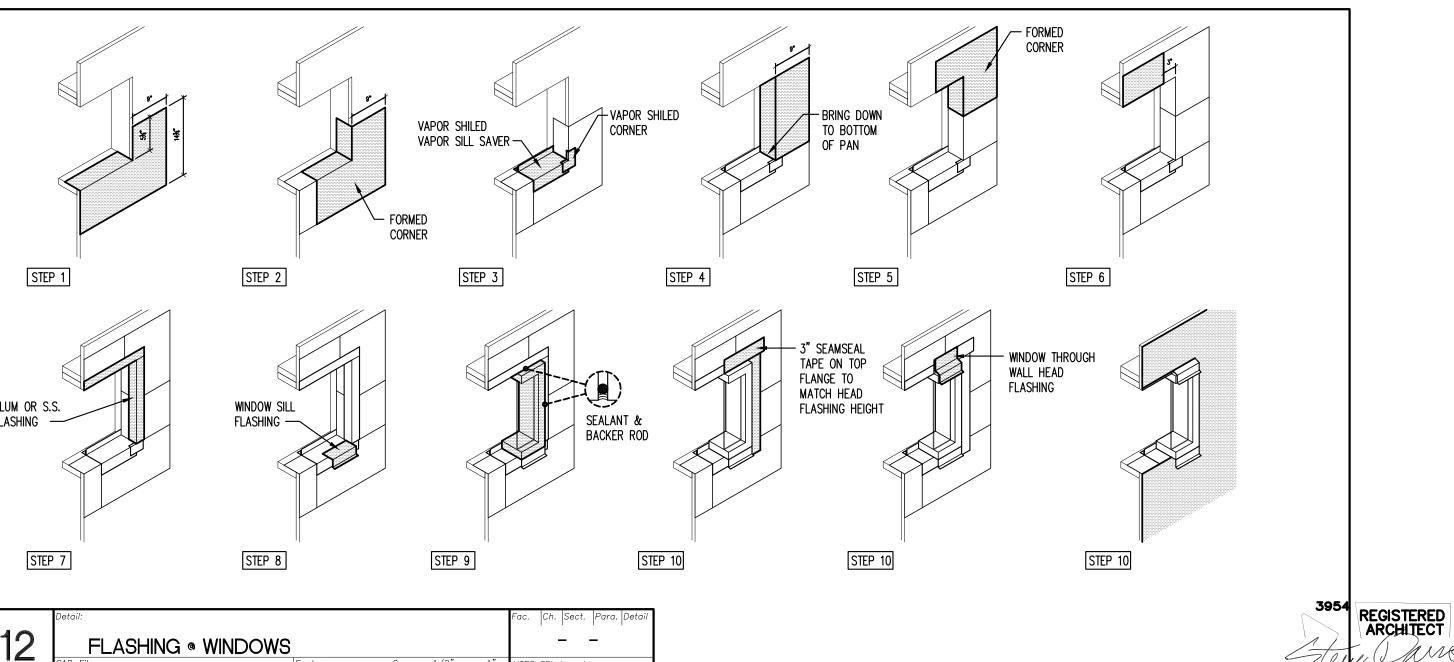
F-TRIM

STEEL CHANNEL 9X13.5— WITH JAMB ANCHORS MIN. OF 3, TYP.

JAMB CONDITION

SEAL INSIDE EDGE OF JAMB-





WOOD LINER

AND TRIM

WOOD STOOL

AND TRIM

SELF-ADHESIVE MEMBRANE -EXTEND INTO ROUGH

OPENING & LAPPING

UNDERLAYMENT

NOTE: SET WINDOW 3/4" OUT FROM FACE OF PLYWOOD, TYP.

TOILET ACCESSORIES

PRODUCTS PER SPECIFICATION SECTION 102813.

AC-1 SURFACE MOUNTED LIQUID SOAP DISPENSER

AC-4A MIRROR WITH SS CHANNEL FRAME, 18" X 36"

AC-5 MOP & BROOM HOLDER

AC-6 SURFACE MOUNTED MULTI-ROLL TISSUE DISPENSER

AC-7 PAPER TOWEL DISPENSER FOIC

AC-8 36" GRAB BAR

AC-9 42" GRAB BAR

AC-10 RECESSED SANITARY NAPKIN DISPOSAL

AC-14) VERTICAL GRAB BAR

1. SEE 5/A2.2 (G2-4-2a) FOR STANDARD FIXTURE MOUNTING HEIGHTS. 2. SEE 1/A2.2 FOR GRAB BAR MOUNTING.

KEY NOTES

FRP WAINSCOT - SEE 11/A7.2 2 NOT USED

3 PICTOGRAPH – SEE 7/A7.2

2" TRIM MIRROR W/ STAINLESS
STEEL FRAME

5 GRAB BAR

6 PAPER TOWEL DISP./RECEP. 7) TOILET TISSUE DISPENSER

8 MOP/BROOM HOLDER

9 MOP SINK

REGISTERED ARCHITECT STEVEN A. BARNES
STATE OF WASHINGTON

COLUMBIA CARRIER ANNEX 3613 SOUTH JUNEAU STREET SEATTLE, WA 98118

— IN WORKROOM PAINT COLUMNS TO HEIGHT OF 12'—0" FROM FLOOR OR TO CEILING HEIGHT WHICHEVER IS LESS (ALL SIDES).

NOTE: SEE DETAIL G2-7-4b2 FOR PROTECTIVE RAILS AT WALL-MT. LOCATIONS.

RED -

FIRE EXITINGUISHER, ——\
TYP. (IN CABINET
OR BRACKET—MOUNTED.)

FIRE EXTINGUISHERS -G2-8-2 a EXTINGUISHER IDENTIFICATION ile: ...\usps\library\details\G2-8-2a.dwg | Scale: 3/16" = 1'-0" | 1/2" | 1

NOTES: 1. TYPE FACE SHALL BE HELVETICA MEDIUM UPPER AND LOWER CASE.

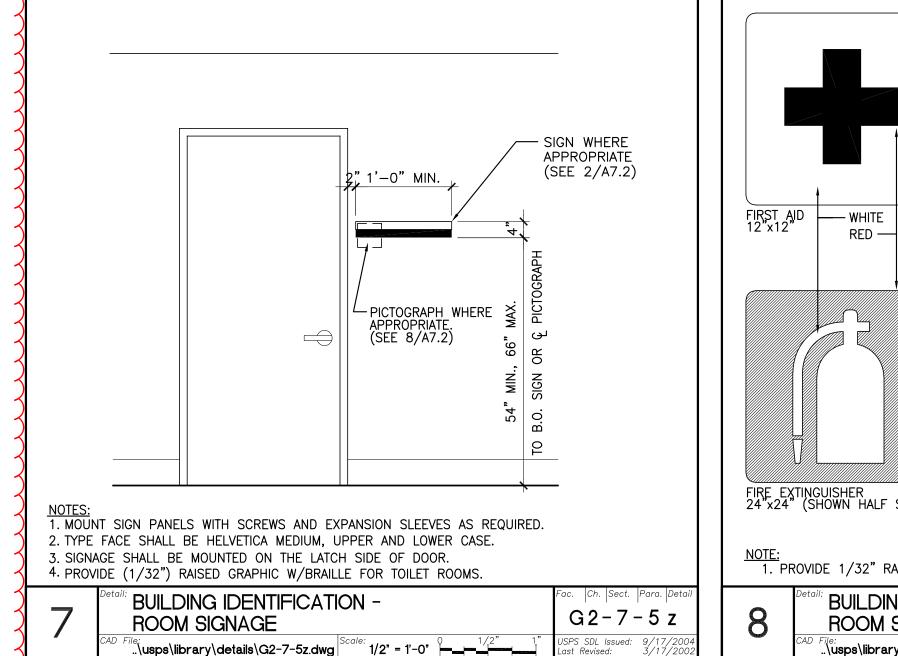
2. PROVIDE 1/32" RAISED LETTERING W/BRAILLE. 3. SEE 7/A7.2 FOR SIGN MOUNTING LOCATION.

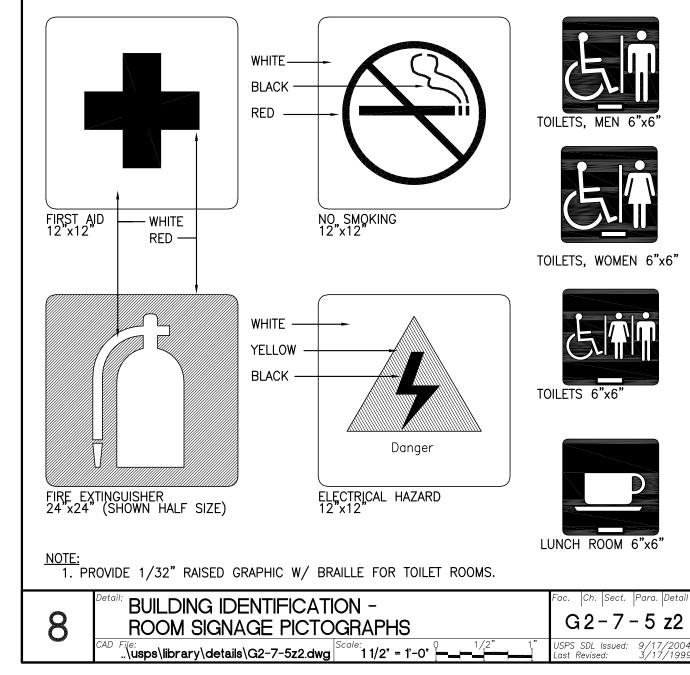
LUNCHROOM

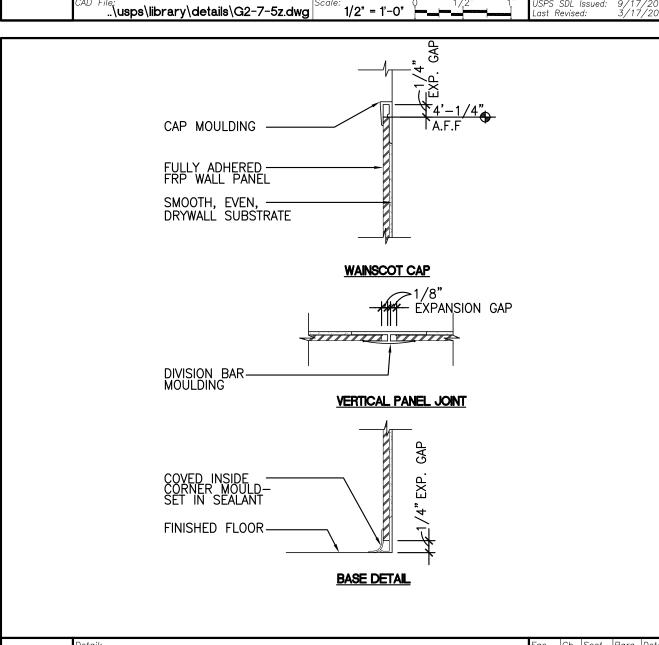
WORKROOM

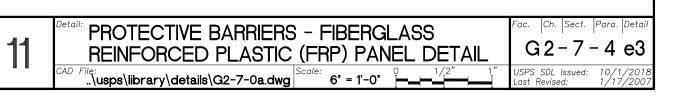
BUILDING IDENTIFICATION -G2-7-5 z1 2 TYPICAL SIGNAGE CONFIGURATIONS JSPS SDL Issued: 9/17/200 ast Revised: 9/17/200

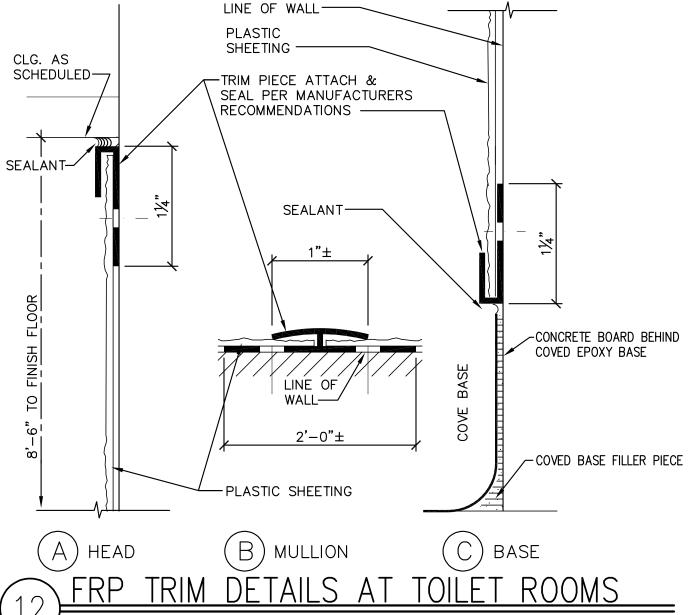
TYPICAL EXAMPLES







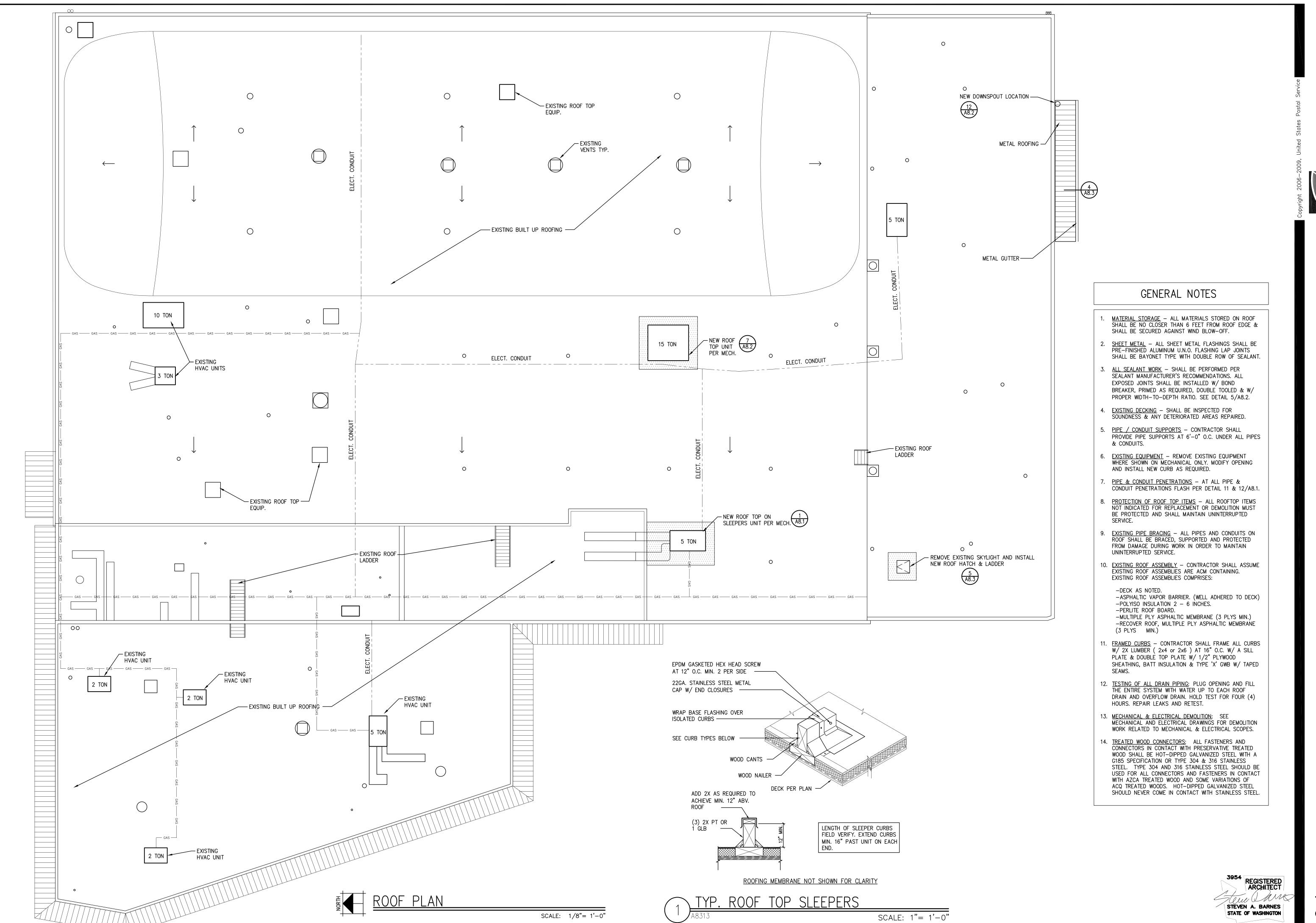




SCALE: N.T.S.



COLUMBIA CARRIER ANNEX
3613 SOUTH JUNEAU STREET
SEATTLE, WA 98118



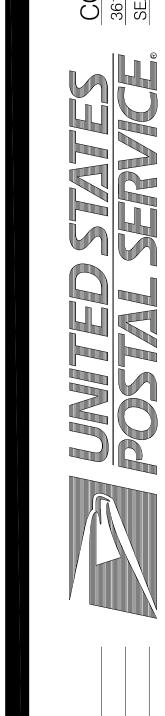
A8.1 ROOF PI
Scale: 1/8" = 1'-0" Do
Project: COLUMBIA STATIO
USPS File Number: Q5909

ANNE

STEVEN A. BARNES STATE OF WASHINGTON

SCALE: 3'' = 1' - 0''



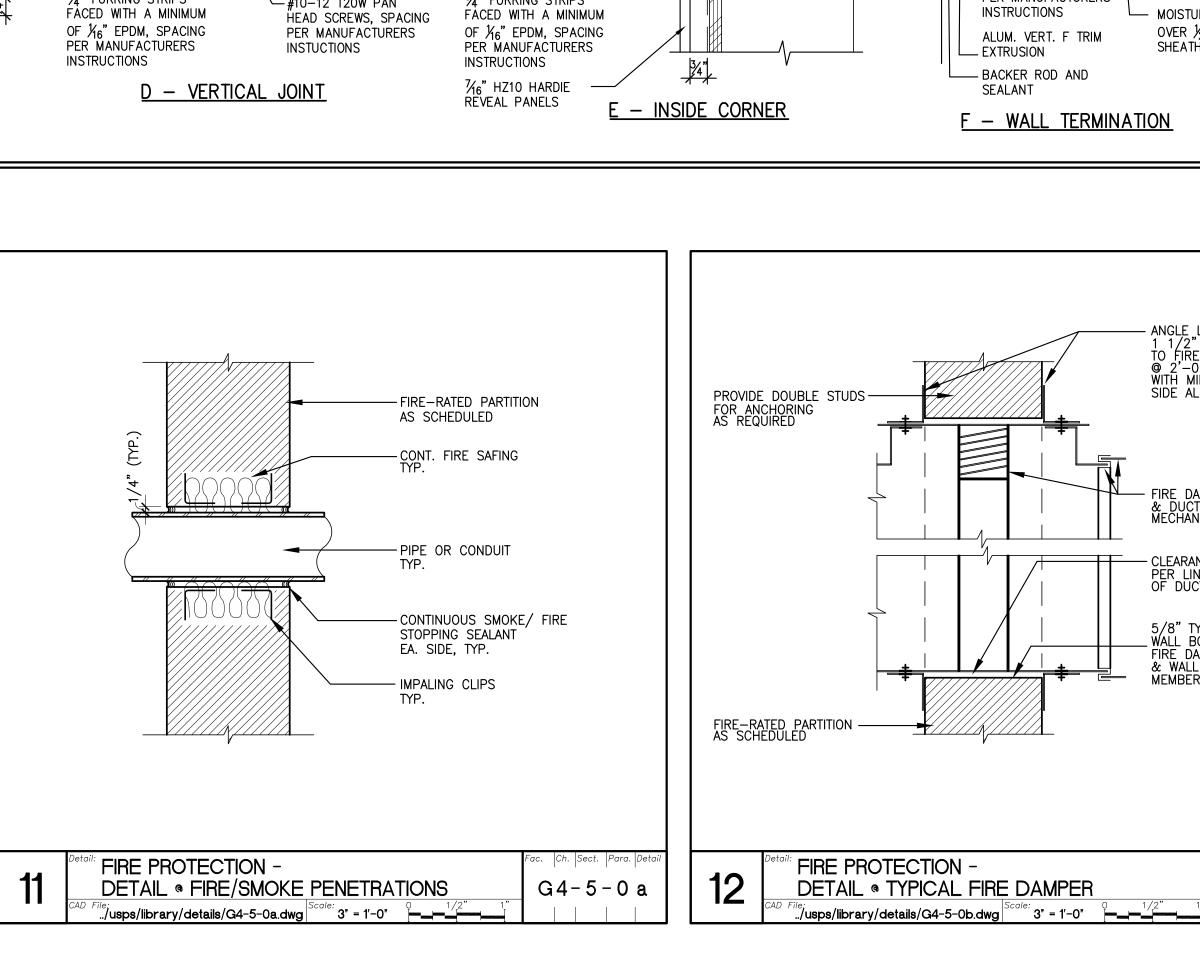


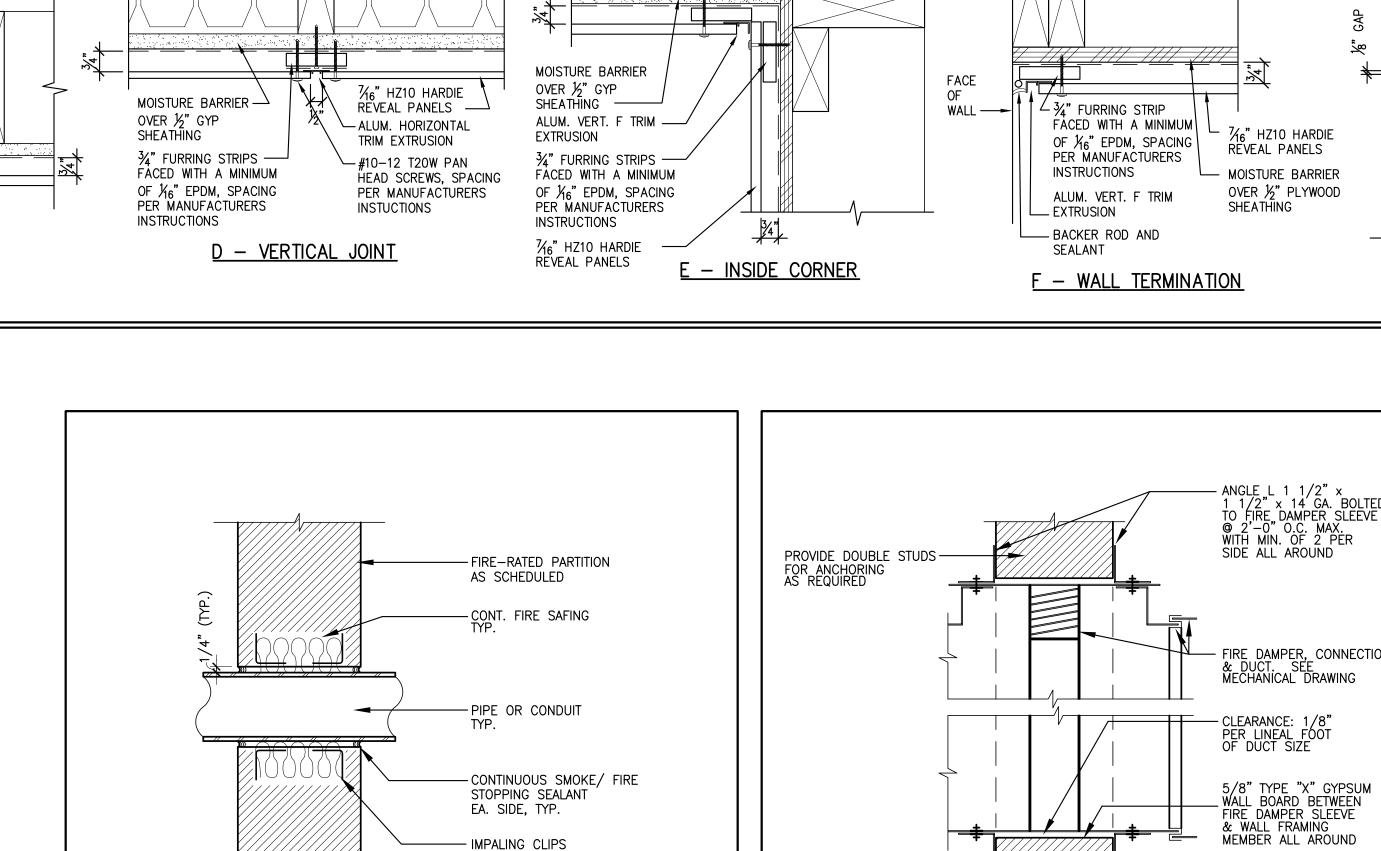
PARTITION DETAILS

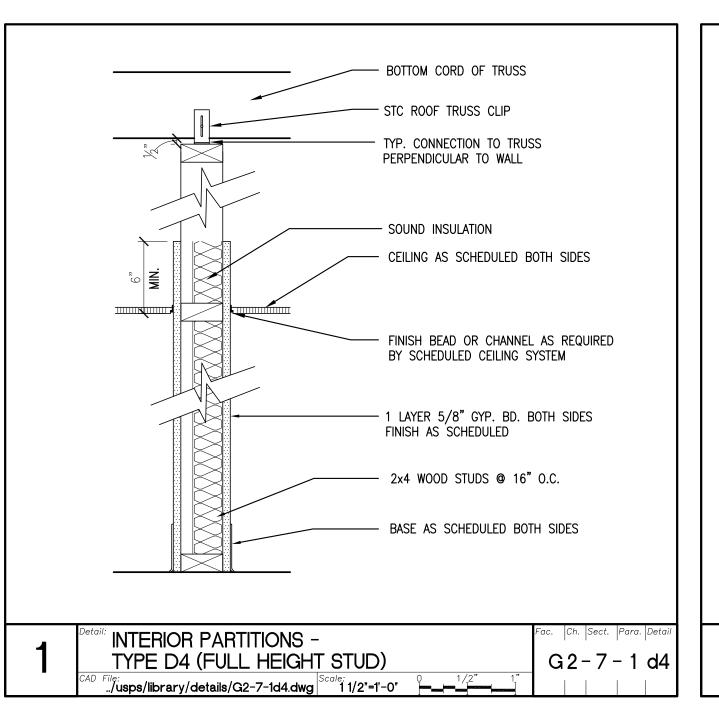
Date: 1-4-21
BIA STATION AQ CAX
er: Q59098

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4







34" FURRING STRIPS FACED

INSTRUCTIONS -

 $\frac{7}{6}$ " HZ10 HARDIE

REVEAL PANELS ---

#10-12 T20W PAN HEAD

SCREWS, SPACING PER

WITH A MINIMUM OF $\frac{1}{16}$ " EPDM,

SPACING PER MANUFACTURERS

MANUFACTURERS INSTRUCTIONS -

24GA. PREFINISHED

DRIP FLASHING - STRIP

IN W/ SELF-ADHESIVE

TREATED 2x6 —

VENT STRIP

FLASHING ---

CONT. CLEAT -

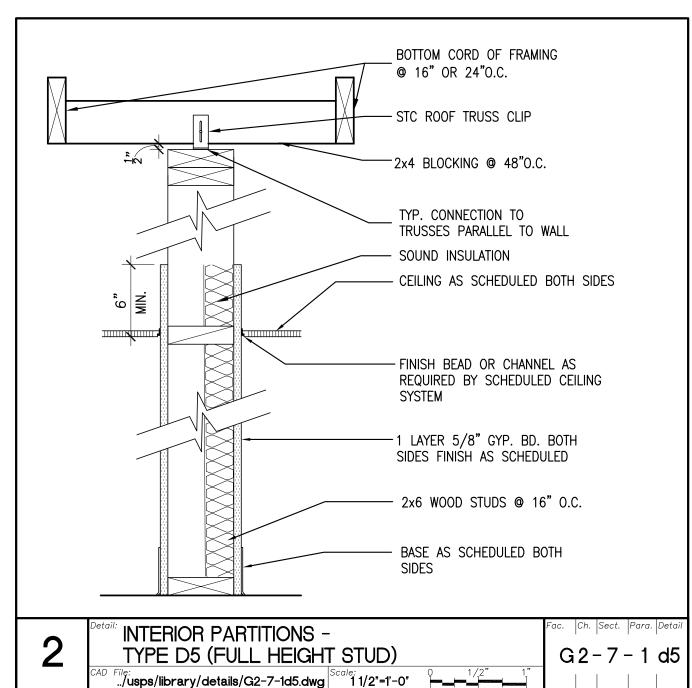
SELF ADHESIVE -

WHERE OCCURS -

PRESSURE

FLASHING

CONC. WALK



 $\frac{7}{16}$ " HZ10 HARDIE

MOISTURE BARRIER

3/4" FURRING STRIPS —

FACED WITH A MINIMUM

OF 1/6" EPDM, SPACING

PER MANUFACTURERS

#10-12 T20W PAN

PER MANUFACTURERS

HEAD SCREWS, SPACING

<u>C - OUTSIDE CORNER</u>

INSTRUCTIONS

INSTUCTIONS

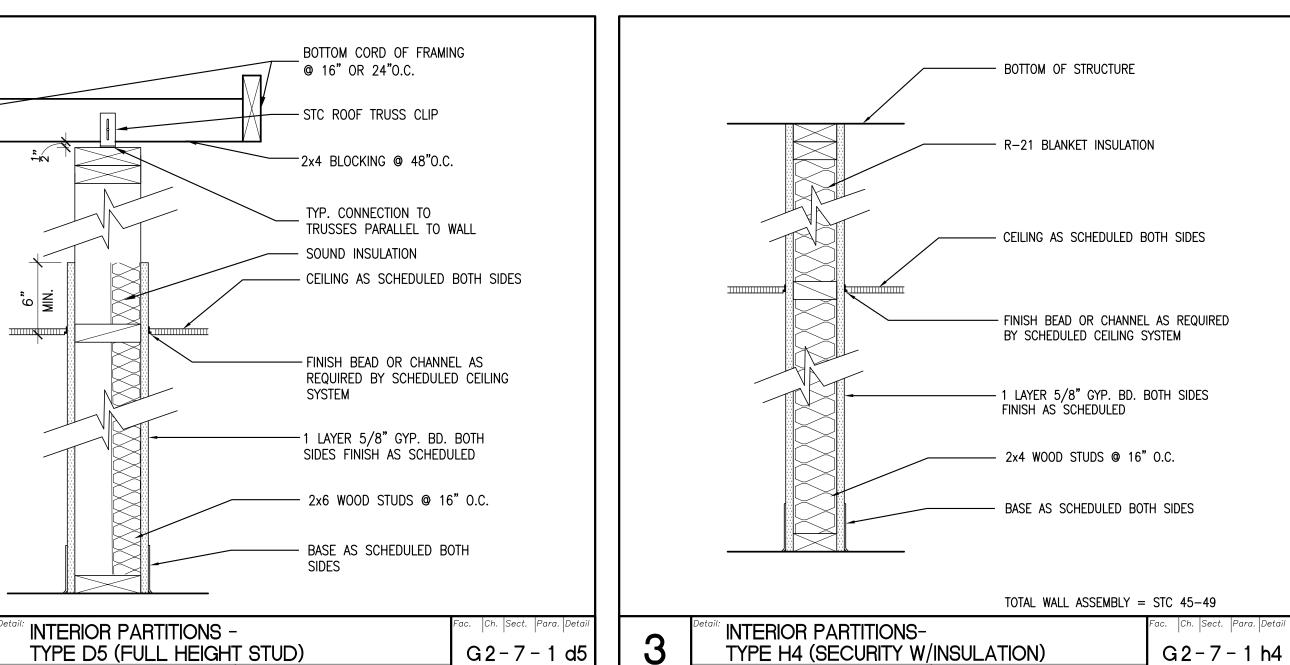
ALUM. VERT.

OUTSIDE CORNER

TRIM EXTRUSION

OVER ½" GYP SHEATHING ——

REVEAL PANELS





<u>A – HORIZONTAL JOINT</u>

MOISTURE BARRIER

34" FURRING STRIPS —

FACED WITH A MINIMUM

OF 1/16" EPDM, SPACING

PER MANUFACTURERS

ALUM. HORIZONTAL

#10-12 T20W PAN

7∕₁₆" HZ10 HARDIE REVEAL PANELS

INSTUCTIONS

HEAD SCREWS, SPACING PER MANUFACTURERS

TRIM EXTRUSION

OVER ½" GYP.
SHEATHING —

INSTRUCTIONS

SCALE: 3"= 1'-0"

<u>G - @ SOFFIT</u>

SOFFIT—

─1x4 CEDAR

7∕16" HZ10 HARDIE REVEAL PANELS

REGISTERED ARCHITECT

STEVEN A. BARNES STATE OF WASHINGTON

TRIM

SEALANT

- VENT STRIP

 $^{-}$ $\%_{6}$ " HZ10 HARDIE REVEAL PANELS

- MOISTURE BARRIER

OVER ½" PLYWOOD SHEATHING

- ANGLE L 1 1/2" x 1 1/2" x 14 GA. BOLTED TO FIRE DAMPER SLEEVE @ 2'-0" O.C. MAX. WITH MIN. OF 2 PER SIDE ALL AROUND

- FIRE DAMPER, CONNECTION, & DUCT. SEE MECHANICAL DRAWING

G4-5-0 b

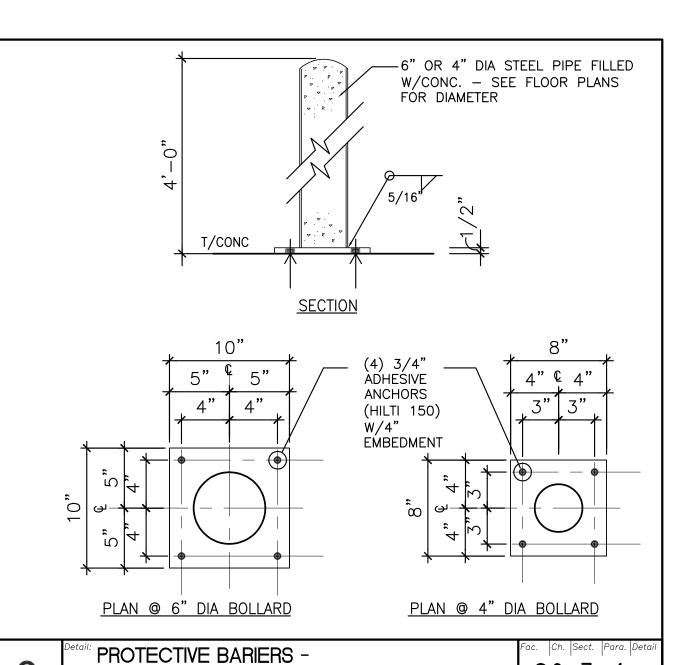
– CLEARANCE: 1/8" PER LINEAL FOOT OF DUCT SIZE

A10.2

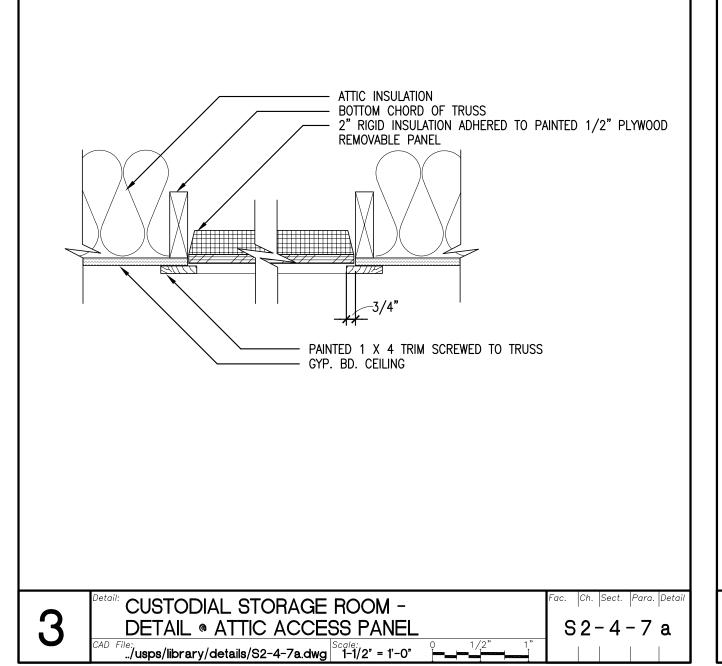
REGISTERED ARCHITECT

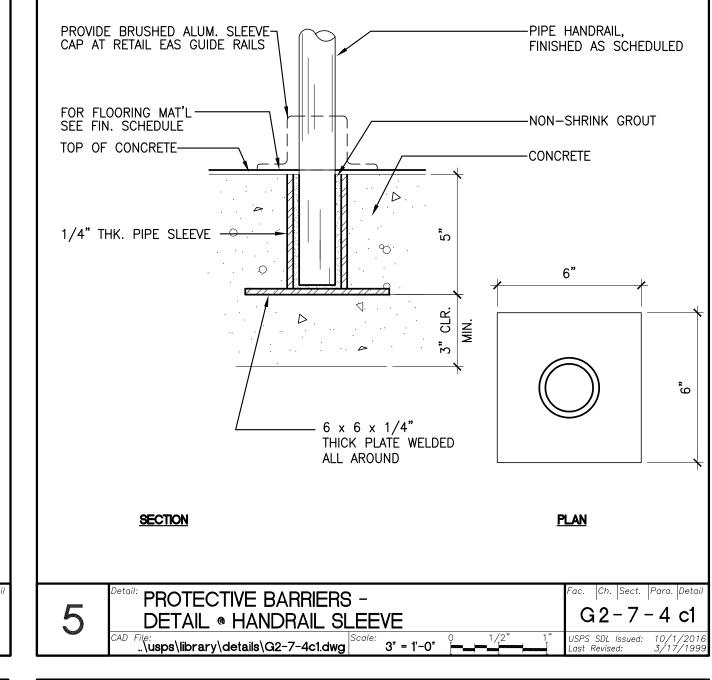
STEVEN A. BARNES

STATE OF WASHINGTON



PIPE BOLLARDS (SURFACE MOUNTED)





3'-2½" A.F.F.

1'-6" A.F.F. ___

-SOLID BLOCK BEHIND FIBER CEMENT BOARDS

@ BUMPER FASTENERS

-4x4 P.T. WOOD SPACER

- 2x10 PLASTIC LUMBER

- FIBER CEMENT PANEL RAINSCREEN SIDING

__ DOWNSPOUT WHERE

METAL FLASHING

- -

CONC. WALK

- 2x10 BLOCKING

-¾"x5" BOLT

ŤIT OCCURS

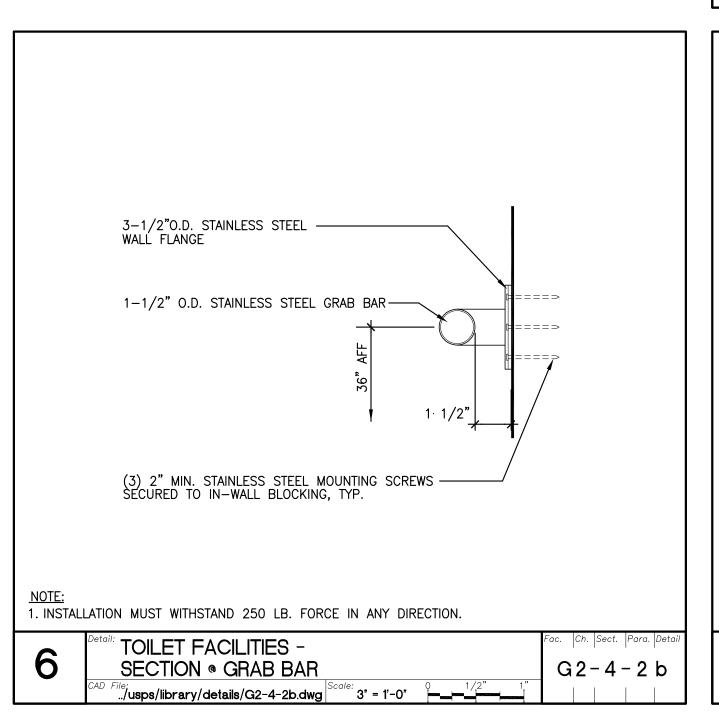
SEE 7/A10.2 FOR ATTACHMENT AT MASONRY OR CONCRETE WALLS

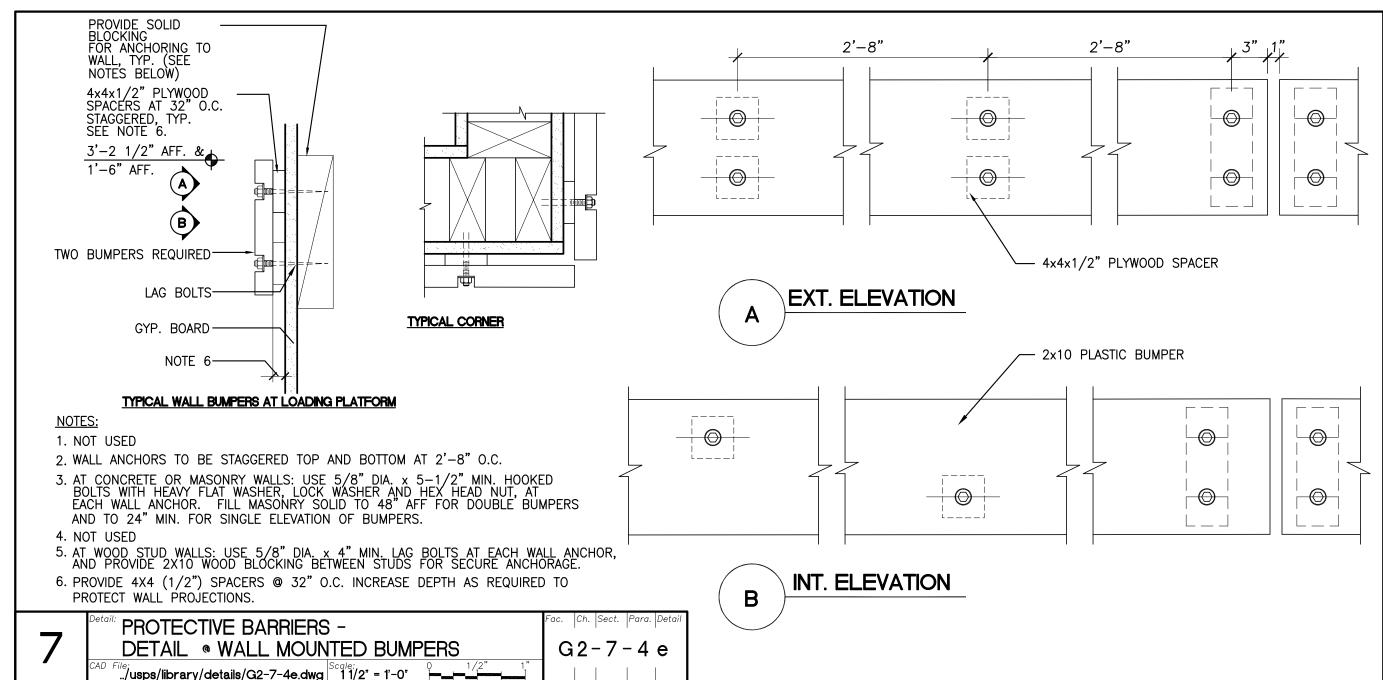
J:\118398\dwg\cd\panel2-dtl.dwg | 11/2" = 1'-0"

PROTECTIVE BARRIERS -

EXTERIOR WALL BUMPER DETAIL

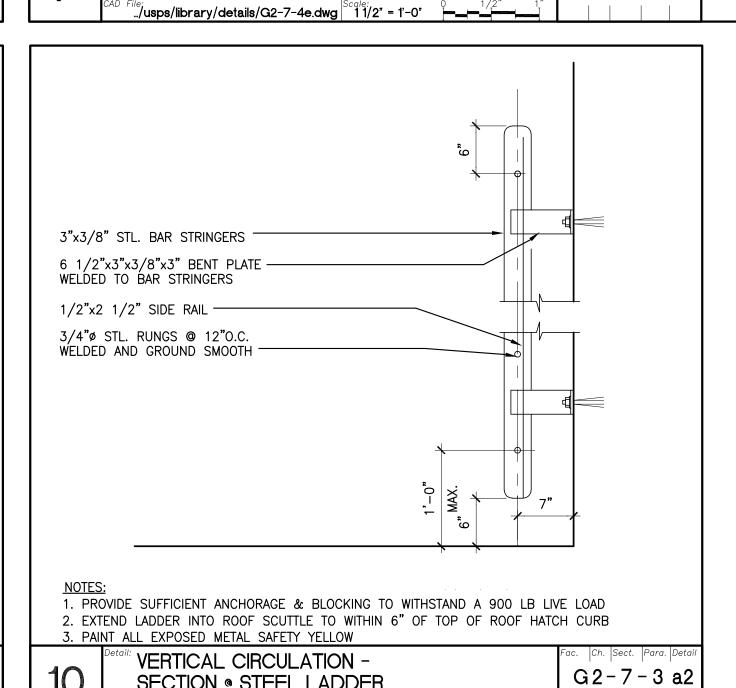
- 5%"x4" LAG BOLT

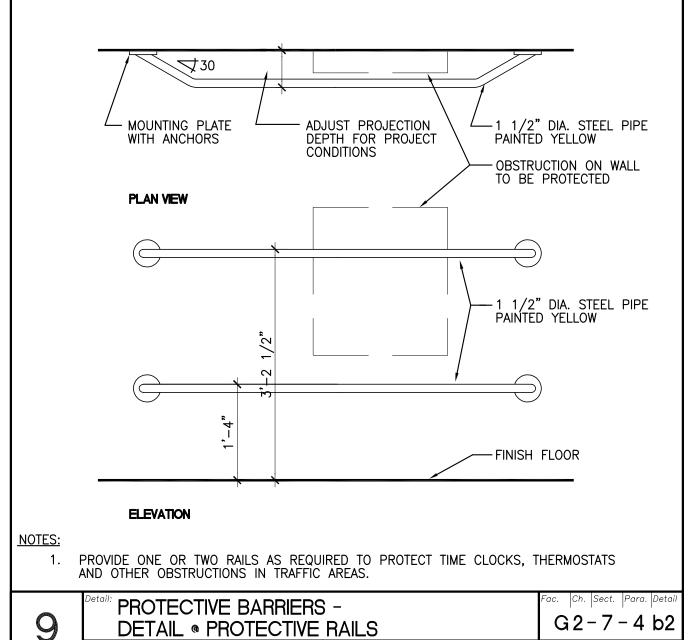




G2-7-4 a

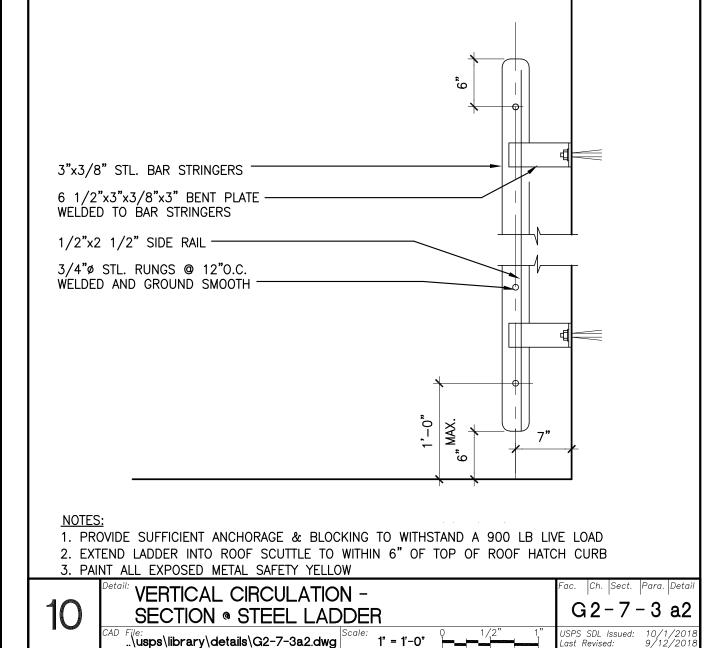
PS SDL Issued: 10/1/2 st Revised: 6/28/2

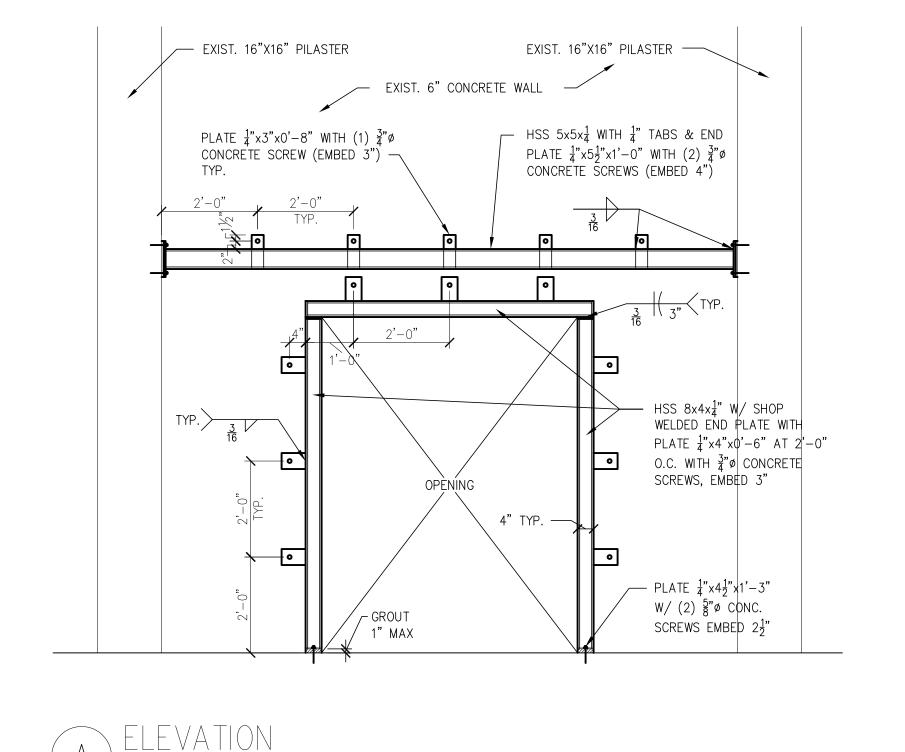




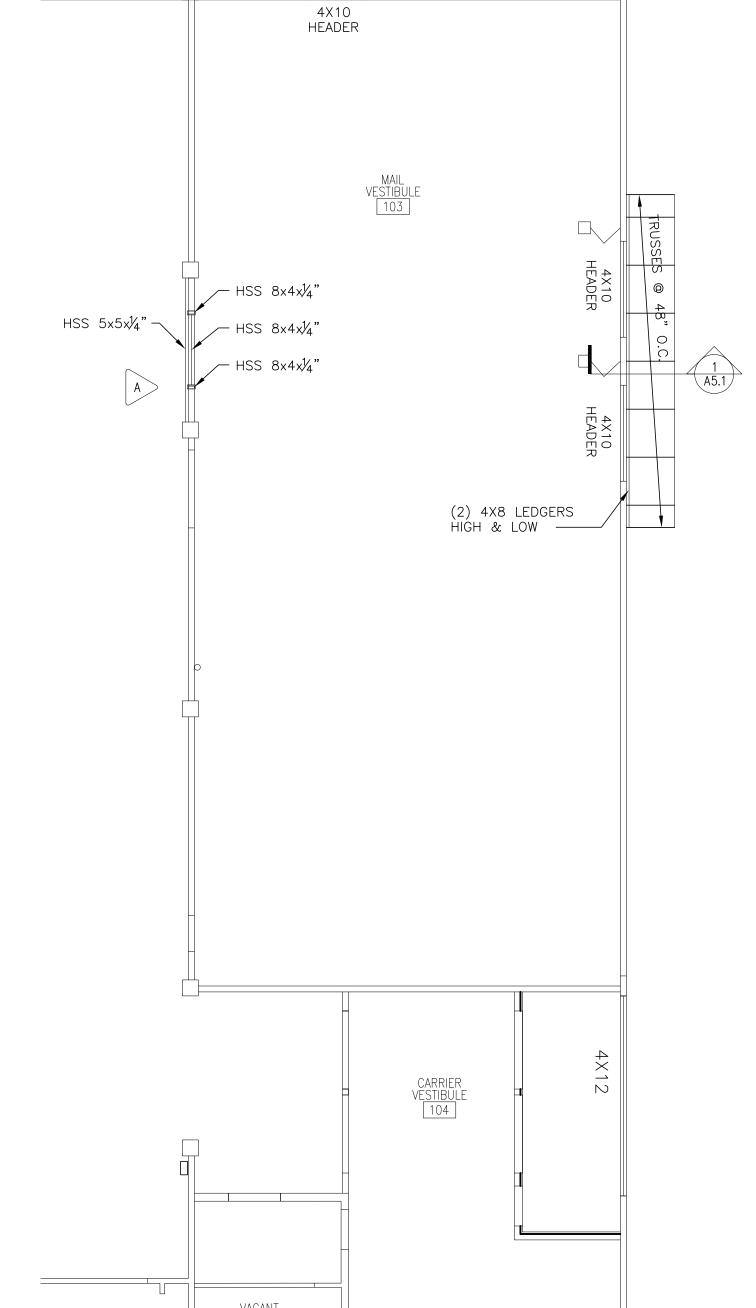
\usps\library\details\G2-7-4b2.dwg|\upper 3/4" = 1'-0" \upper ------------------

PS SDL Issued: 10/ st Revised: 3/1





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



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

GENERAL DEMOLITION NOTES

- SEE ARCHITECTURAL FLOOR PLANS FOR DEMOLITION WORK. COORDINATE W/ GC FOR DEMO TO BE PERFORMED BY PLUMBING/ HVAC TRADES.
- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW SITE CONDITIONS AND TO IDENTIFY ALL DEMOLITION WORK, AND INCLUDE IN HIS BID ALL COSTS FOR DEMOLITION &
- 3. ALL EXISTING ITEMS NOT BEING REUSED SHALL BE REMOVED.
- 4. ABANDONED ITEMS, ANCHORS, INSERTS, PIPE STUBS, AND OTHER PROJECTIONS NOT BEING CONCEALED BY NEW CONSTRUCTION SHALL BE REMOVED TO 1" BELOW THE ADJACENT FINISHED SURFACE, AND THE DISTURBED AREA PATCHED.
- 5. PATCH ALL WALL/FLOOR/CEILING OPENINGS LEFT BY REMOVAL OF EXISTING ITEMS. PATCH SO AS TO MATCH FINISH OF ADJACENT UNDISTURBED AREA.
- 6. WHERE EXISTING PLUMBING FIXTURES ARE REMOVED, CAP OFF CW, HW, VENT & WASTE PIPING AT A CONCEALED LOCATION (I.E. ABOVE CEILING OR INSIDE WALL OR BELOW FLOOR)
- 7. VERIFY SIZE & LOCATION OF ALL EXISTING ITEMS SHOWN TO BE DEMO'D. LOCATIONS SHOWN ON ARCHITECTURAL DEMO PLANS ARE APPROXIMATE AND ARE BASED ON OWNER'S AS-BUILTS.

MECHANICAL GENERAL NOTES

- 1. ALL DUCT WALL & ATTIC PENETRATIONS SHALL BE PROVIDED WITH CLOSURE COLLARS AND BE TIGHTLY SEALED TO PREVENT THE TRANSMISSION OF NOISE OR SMOKE.
- 2. CONTRACTOR SHALL CAREFULLY COORDINATE WORK W/ ALL OTHER TRADES, ESPECIALLY IN CEILING SPACES WHERE SPACE IS TIGHT. SHEET METAL CONTRACTOR SHALL HAVE PRIORITY OVER OTHER MECHANICAL TRADES IN CEILING SPACE WHERE CONFLICTS OCCUR.
- 3. ALL DUCTWORK SHOWN IS SCHEMATIC, CONTRACTOR SHALL PROVIDE ALL OFFSETS/ELBOWS AS REQ'D TO ALLOW ROUTING AROUND STRUCTURE, ELECTRICAL, & OTHER INTERFERENCES.
- 4. FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 8 FEET, AND MAY ONLY BE USED WHERE SPECIFICALLY SHOWN ON THE PLANS.
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE & SELECT FINAL LOCATIONS OF ALL AIR INLETS/OUTLETS. SHIFT AIR INLETS/OUTLETS FROM LOCATIONS SHOWN AS REQ'D TO AVOID CONFLICTS W/ STRUCTURE, LIGHTS, & OTHER ITEMS. SUCH SHIFTS SHALL MAINTAIN SYMMETRY OF AIR TERMINALS & SHALL HAVE PRIOR APPROVAL OF ARCHITECT/ENGINEER.
- 6. VARIOUS CEILING AIR INLET/OUTLET CONN'S REQUIRE SIDE INLET PLENUM. PROVIDE WHERE REQ'D DUE TO SPACE LIMITATIONS TO PREVENT KINKS IN FLEX. DUCT AND ALLOW PROPER CONN.
- 7. VERIFY LOCATIONS OF ITEMS INSTALLED IN CEILINGS WITH ARCHITECTURAL REFLECTED CEILING PLANS PRIOR TO BEGINNING WORK. NOTIFY ARCHITECT OF DISCREPANCIES.
- 8. MECHANICAL EQUIPMENT 1/2 HP AND LESS SHALL HAVE ANY REQUIRED STARTER/CONTROL RELAY PROVIDED BY THE CONTROL CONTRACTOR (EXCEPT WHERE SPECIFICALLY SHOWN OR SPECIFIED OTHERWISE).
- 9. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS AND SPLITS IN MAIN DUCTS AND WHERE REQ'D BY BALANCERS; ONLY SOME OF THE REQ'D DAMPERS ARE SHOWN ON THE PLANS.
- 10. UNSIZED DUCTS SHALL MATCH THE SIZE OF THE LARGEST ADJACENT DUCT THAT IS SIZED. WHERE THE ADJACENT DUCT SIZE IS NOT SHOWN, PROVIDE SA, OA, & EA DUCTS SIZED AT 0.08" PD PER 100 FEET; PROVIDE RA & RELIEF AIR DUCTS SIZED AT 0.07" PD PER 100 FEET (OR LARGER AS FAN SP OR NOISE CONSIDERATIONS REQUIRE).
- 11. UNSIZED PIPING SHALL MATCH THE SIZE OF THE LARGEST ADJACENT PIPE THAT IS SIZED. WHERE THE ADJACENT PIPE SIZE IS NOT SHOWN OR UNCLEAR, PROVIDE PLUMBING PIPE SIZES PER THE UPC. SIZE HW/CW PIPING ON CONNECTED WATER SUPPLY FIXTURE UNITS AND MAX HW PIPE VELOCITY OF 5 FPS, AND MAX CW PIPE VELOCITY OF 8 FPS. SIZE WASTE/VENT PIPING PER THE UPC FOR DFU'S. SIZE GAS PIPING PER CODE.
- 12. WHERE RETURN GRILLE CFM'S ARE NOT INDICATED, BALANCER SHALL CALCULATE & SUBMIT FOR ENGINEER REVIEW. RA = SA-OA.
- 13. DRAWINGS SCALES APPLY TO FULL SIZE SHEET ONLY. USE CAUTION IN OBTAINING DIMENSIONS AND QUANTITIES FROM DRAWINGS THAT ARE NOT FULL SIZE; USE DIMENSIONS CALCULATED FROM DIMENSIONS ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS OVER OTHER METHODS OF OBTAINING DIMENSIONS.
- 14. VERIFY ALL POWER REQUIREMENTS & STARTERS, DISCONNECTS, RELAYS & LOCATIONS (& WHO PROVIDES) W/ EC.
- 15. VERIFY FIRE & SMOKE RATED ELEMENTS W/ ARCHITECT. PROVIDE FIRE/SMOKE DAMPERS & FIRE DAMPERS TO MAINTAIN SEPARATION/FIRE RATING PER CODE. PROVIDE FIRE STOP SEALS AT PENETRATION OF RATED ELEMENTS PER CODE.
- 16. PROVIDE MOTORIZED DAMPERS ON EXHAUST OUTLETS & OA INTAKES AS REQUIRED BY
- 17. EXISTING ITEMS ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION. NO AS-BUILTS

	MECHANICAL LEGE	ND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WASTE OR SOIL (W)	AFF APPROX	ABOVE FINISHED FLOOR APPROXIMATELY
	VENT (V)	ARCH	ARCHITECTURAL
	COLD WATER (CW)	BFF B.O.D.	BELOW FINISHED FLOOR BOTTOM OF DUCT
	HOT WATER (HW)	BTU BTUH BLDG	BRITISH THERMAL UNIT BRITISH THERMAL UNIT/HOUR BUILDING
	HOT WATER CIRCULATING (HWC)	CAP CFH	CAPACITY CUBIC FEET PER HOUR
	PIPE UP	CFM CLG	CUBIC FEET PER MINUTE CEILING
——— Э	PIPE DOWN	COP	COEFFICIENT OF PERFORMANCE COMPRESSOR
	PIPE TEE IN LINE, BRANCH PIPE DOWN	CONN	CONNECTION CONTINUE, CONTINUATION
RG	REFRIGERANT GAS	CO2 CW	CARBON DIOXIDE COLD WATER
RL	REFRIGERANT LIQUID	DEG F, F DFU	DEGREE FAHRENHEIT DRAINAGE FIXTURE UNITS
— c —	CONDENSATE LINE	DIA, Ø DOAS	DIAMETER DEDICATED OUTSIDE AIR SYSTEM
	ISOLATION VALVE	DN DWG	DOWN DRAWING
	CHECK VALVE	DB EA	DRY BULB EACH
	UNION	EC ELEC	ELECTRICAL CONTRACTOR ELECTRICAL, ELECTRIC
A	RELIEF VALVE OR SAFETY VALVE	(E), EXIST	ENERGY EFFICIENCY RATIO
	STRAINER WITH BLOW-OFF VALVE	EAT EWB	ENTERING AIR TEMPERATURE ENTERING WET BULB
	CONCENTRIC REDUCER	EDB EOL EXH	ENTERING DRY BULB END OF LINING
	PRESSURE REDUCING VALVE	ESP FV	EXHAUST EXTERNAL STATIC PRESSURE FACE VELOCITY
\bigcirc	PRESSURE GAUGE	FOB FOT	FLAT ON BOTTOM FLAT ON TOP
	THERMOMETER	FPM FPS	FEET PER MINUTE FEET PER SECOND
•	CLEANOUT	FLEX FLA	FLEXIBLE FULL LOAD AMPS
<u></u>	FLOOR DRAIN	FLR G	FLOOR GAS
20/12	DUCT (FIRST FIGURE, SIDE SHOWN)	GAL GALV. GC	GALLON GALVANIZED GENERAL CONTRACTOR
20/12L	LINED DUCT (DIM. FOR NET FREE AREA) EOL= END OF LINING L= LINED	GPH HW	GALLON PER HOUR HOT WATER
R (D)	RISE (R) OR DROP (D) ARROW IN DIRECTION OF FLOW	HWC HP	HOT WATER CIRCULATION HORSE POWER
	VOLUME DAMPER (MANUAL)	IN KW	INCH KILOWATT
M	MOTORIZED DAMPER	LAT LDB	LEAVING AIR TEMPERATURE LEAVING DRY BULB
	FLEXIBLE CONNECTION	LWB MFR	LEAVING WET BULB MANUFACTURER
	FLEXIBLE DUCT	MAX MFS	MAXIMUM FUSE SIZE
SIZE,SYMBOL CFM	CEILING OUTLET	MBH MECH MIN	THOUSAND BTUH MECHANICAL MINIMUM
SIZE,SYMBOL CFM	CEILING INLET	MCA MOP	MINIMUM CIRCUIT AMPS MAXIMUM OVERCURRENT PROTECTION
SIZE,SYMBOL CFM	WALL OUTLET (OR INLET)	NO. NTS	NUMBER NOT TO SCALE
T	THERMOSTAT	OBD OA	OPPOSED BLADE DAMPER OUTSIDE AIR
IT	INTERVAL TIMER	OC PH	ON CENTER PHASE
		PD RLA	PRESSURE DROP RATED LOAD AMPS
		REF REQ'D	REFERENCE REQUIRED
		RA RPM RM	RETURN AIR REVOLUTIONS PER MINUTE
		RG RL	ROOM REFRIGERANT GAS REFRIGERANT LIQUID
		SA SS	SUPPLY AIR SANITARY SEWER
		TEMP TD	TEMPERATURE TRANSFER DUCT
		TG TSP	TRANSFER DOCT TRANSFER GRILLE TOTAL STATIC PRESSURE
		TYP UNO	TYPICAL UNLESS NOTED OTHERWISE
		UPC V	UNIFORM PLUMBING CODE VOLTS, VOLTAGE
2	DETAIL IDENTIFICATION NUMBER	VFD W	VARIABLE FREQUENCY DRIVE WATT
M3	SHEET ON WHICH DETAIL IS SHOWN	WB W/	WET BULB WITH
A M3	SECTION IDENTIFICATION LETTER SHEET ON WHICH SECTION IS SHOWN	WSEC ZD	WASHINGTON STATE ENERGY CODE ZONE DAMPER



1111 Fawcett Ave Suite 100 Tacoma, WA 98402
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11 0 MEC

HEAT	PUMP	SCHEI	DULE

																_										
BASIS OF DESIGN	APEA SERVED	•	COOLING CA	P *	HE	ATING CAP **	IN	IDOOR FA	.N	OUTDO	OOR FAN	POWER	EXHAUS	T FAN	СОМР	RESSOR	SUPPLEMI	ENTARY HEATER		ELECTRIC	CAL	FILT	ΓERS		MAX	REMARKS
SERIES NO.		TOTAL MBH	SENS MBH	EFFICIENCY	МВН	EFFICIENCY	CFM	ESP	НР	QTY	HP (EA)	HP F	LA VC	DLTS / PH	QTY	RLA (EA)	KW	STAGES	MCA	МОР	VOLTS / PH	TYPE	MIN. SF	CFM	LBS	REWARKS
TRANE WSD150	MAIN WORK ROOM 01	147	115	13.5 IEER	91	3.2 COP	5000	1"	3	2	.5	.75 3	3.3	460/1	2	10.6	36	2	87	90	460/3	2" PTA MERV 8	MFR'S STD	1100	3000	
	MANUFACTURER AND SERIES NO. TRANE	MANUFACTURER AND SERIES NO. TRANE MAIN WORK BOOM 04	MANUFACTURER AND SERIES NO. TOTAL MBH TRANE MAINI WORK BOOM 04	MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH TRANE MAIN WORK BOOM 01 147 145	MANUFACTURER AND SERIES NO. TOTAL MBH SENS MBH EFFICIENCY TRANE MAIN WORK BOOM 01 147 145 145 155 155 BEER	MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH TRANE MAIN WORK BOOM 01 147 145 145 155 155 155 155 155 155 155 155	MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY TRANE MAIN WORK BOOM 01 147 145 145 145 155 155 150 150 150 150 150 150 150 15	MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM TRANE MAIN WORK BOOM 01 147 145 145 155 155 15 15 15 15 15 15 15 15 15 15	MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP TRANE MAIN WORK BOOM 01 147 145 135 IEEE 01 23 COR 5000 1500	MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP TRANE MAINLWORK BOOM 04 147 145 145 145 15 15 15 15 15 15 15 15 15 15 15 15 15	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP** INDOOR FAN OUTDO TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY TRANE MAIN WORK BOOM 04 147 145 145 145 145 145 145 145 145 145 145	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP** INDOOR FAN OUTDOOR FAN TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA)	BASIS OF DESIGN MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP F TRANE MAIN WORK BOOM 01 147 145 145 15 15 15 15 16 75 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP** INDOOR FAN OUTDOOR FAN POWER EXHAUS TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VC TRANE MAIN WORK ROOM 04 147 145 145 145 145 145 145 14	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP** INDOOR FAN OUTDOOR FAN POWER EXHAUST FAN TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH TRANE MAINLWORK BOOM 01 147 145 135 IEER 04 33 COR 5000 15 000	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP** INDOOR FAN OUTDOOR FAN POWER EXHAUST FAN COMPLETED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH QTY AROUA AROUA	MANUFACTURER AND SERIES NO. AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH QTY RLA (EA) TRANE MAIN WORK BOOM 04 147 145 145 IEEE 04 3 3 COR 5000 1 8	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP ** INDOOR FAN OUTDOOR FAN POWER EXHAUST FAN COMPRESSOR SUPPLEM FLA VOLTS / PH QTY RLA (EA) KW TRANE MAIN WORK BOOM 04 147 145 145 145	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP** INDOOR FAN OUTDOOR FAN POWER EXHAUST FAN COMPRESSOR SUPPLEMENTARY HEATER MAIN WORK BOOM 04 AREA SERVED TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH QTY RLA (EA) KW STAGES AND TRANE MAIN WORK BOOM 04 AND AND AND AND AND AND AND AN	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP ** INDOOR FAN OUTDOOR FAN POWER EXHAUST FAN COMPRESSOR SUPPLEMENTARY HEATER MAIN WORK BOOM 04 147 145 145 145 145 145 145 14	BASIS OF DESIGN MANUFACTURER AND SERIES NO. AREA SERVED COOLING CAP* HEATING CAP** INDOOR FAN OUTDOOR FAN OUTDOOR FAN POWER EXHAUST FAN COMPRESSOR SUPPLEMENTARY HEATER ELECTRIC TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH QTY RLA (EA) KW STAGES MCA MOP TRANE MAIN WORK POOM 04 147 145 145 145 145 145 145 14	BASIS OF DESIGN MANUFACTURER AND SERIES NO. TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH QTY RLA (EA) KW STAGES MCA MOP VOLTS / PH TRANE MAIN WORK BOOM 01 147 145 145 [IEER 04 2.2 COR 5000 4" 2.	BASIS OF DESIGN MANUFACTURER AND SERIES NO. AREA SERVED COOLING CAP* HEATING CAP** INDOOR FAN OUTDOOR FAN POWER EXHAUST FAN COMPRESSOR SUPPLEMENTARY HEATER ELECTRICAL FILT TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH QTY RLA (EA) KW STAGES MCA MOP VOLTS / PH TYPE	BASIS OF DESIGN MANUFACTURER AND SERIES NO. COOLING CAP* HEATING CAP** HEATING CAP** HEATING CAP** INDOOR FAN OUTDOOR FAN POWER EXHAUST FAN COMPRESSOR SUPPLEMENTARY HEATER ELECTRICAL FILTERS TOTAL MBH SENS MBH EFFICIENCY MBH EFFICIENCY MBH EFFICIENCY MBH EFFICIENCY CFM ESP HP QTY HP (EA) HP FLA VOLTS / PH QTY RLA (EA) KW STAGES MCA MOP VOLTS / PH TYPE MIN. SF TRANE MAIN WORK ROOM 04 147 148 148 148 148 148 148 14	BASIS OF DESIGN MANUFACTURER AND SERIES NO. AREA SERVED	BASIS OF DESIGN MANUFACTURER AND SERIES NO. AREA SERVED

- * COOLING CAPACITY IS AHRI RATING: AT 80°F DB; 67°F WB INDOOR COIL EAT AND 95°F OUTDOOR COIL EAT.
- ** HEATING CAPACITY IS AHRI HI-TEMP RATING: AT 47°F; 43°F WB INDOOR COIL EAT AND 68°F OUTDOOR COIL EAT.
- NOTES: 1. PROVIDE UNIT WITH 0-100% OA ECONOMIZER, W/ RELIEF AIR CAPABILITY, DISCONNECT, CURB, HINGED ACCESS DOORS, SINGLE POINT POWER CONNECTION, & SMOKE DETECTOR.
 - 2. UNIT SHALL USE R410A OR R407C REFRIGERANT (UNO).
 - 3. UNIT CAPACITIES SHALL BE WITHIN 5% OF THOSE SCHEDULED.

- 4. WEIGHT INCLUDES UNIT CURB & ACCESSORIES & SHALL NOT BE EXCEEDED.
- 5. CONFIGURED FOR VERTICAL DISCHARGE.
- 6. FIELD VERIFY EXISTING UNIT'S ELECTRICAL CHARACTERISTICS AND ELECTRICAL PANEL SERVING UNIT PRIOR TO ORDERING NEW EQUIPMENT. PROVIDE UNIT W/ VOLTAGE/PH TO MATCH EXISTING.
- 7. PROVIDE UNIT WITH POWER EXHAUST; POWER EXHAUST RECEIVES POWER FROM UNIT.

GAS HEAT/ELECTRIC COOLING UNIT SCHEDULE

SYMBOL	BASIS OF DESIGN MANUFACTURER AND	AREA SERVED	C	OOLING CAI	o <u>.</u> **	ŀ	EATING CA	νP **		SUPPLY FA	۸N	СОМЕ	PRESSOR	COI	ND. FAN	CON	IB. FAN	POWER	EXHAUS	ST FAN	FILTI	ERS	MAX WEIGHT	MIN	U	NIT ELEC	TRICAL	DEMADKS
STWIBOL	SERIES NO.	AREA SERVED	TOTAL MBH	SENSIBL MBH	EFF	INPUT MBH	OUTPUT MBH	AFUE	CFM	ESP	HP	QTY	RLA (EA)	QTY	FLA (EA)	QTY	HP (EA)	CFM	ESP	HP	TYPE	MIN SIZE	LBS	OA	MCA	MFS	VOLTS/PH	REMARKS
RTU-02	TRANE YSC060	WEST OFFICES	57	51	12 EER	150 / 105	121.5 / 85	81	2000	1"	1.5	1	7.1	1	.7	1	-	-	-	ı	2" PTA MERV	MFR'S STD	800	350	14	20	460/3	

- * COOLING CAPACITY IS AHRI RATING: AT 80° F DB; 67° F WB INDOOR COIL EAT, 95° F OUTDOOR COIL EAT, AND ARI NOMINAL CFM
- ** RATED IN ACCORDANCE WITH ANSI AND DOE STANDARDS.
- NOTES: 1. PROVIDE ALL UNITS WITH 0-100% OA ECONOMIZER, DISCONNECT, CURB, RELIEF AIR CAPABILITY, TWO STAGE GAS HEAT, HINGED ACCESS DOORS, & SMOKE DETECTOR.
 - 2. ALL UNITS SHALL USE R410A OR R407C REFRIGERANT (UNO).
 - 3. UNIT CAPACITIES SHALL BE WITHIN 5% OF THOSE SCHEDULED.
- 4. WEIGHT INCLUDES UNIT CURB & ACCESSORIES & SHALL NOT BE EXCEEDED.
- 5. CONFIGURED FOR HORIZONTAL DISCHARGE.

MODULAR CORE

- 6. FIELD VERIFY EXISTING UNIT'S ELECTRICAL CHARACTERISTICS AND ELECTRICAL PANEL SERVING UNIT PRIOR TO ORDERING NEW EQUIPMENT. PROVIDE UNIT W/ VOLTAGE/PH TO MATCH EXISTING.
- AIR INLET & OUTLET SCHEDULE BASIS OF DESIGN MANUFACTURER AND **TYPE** REMARKS SERIES NO. CEILING RETURN TITUS 50F 1/2"x1/2"x1/2" CUBE CORE GRILLE

TITUS MCD

SYMBOL

CRG

CEILING DIFFUSER

- 1. ALL INDOOR AIR TERMINALS SHALL HAVE FACTORY FINISH, COLOR WHITE.
- 2. SEE LEGEND FOR TERMINOLOGY USED IN AIR TERMINAL CALL-OUTS ON DRAWINGS.

	PLUMBING	FI)	KTU	IRE	SC	HEDULE
SYMBOL	DESCRIPTION	w	v	cw	HW	REMARKS
P-1A	WATER CLOSET SEAT ONLY	-	-	-	-	-
P-3A	LAVATORY - WALL MOUNTED	2"	2"	1/2"	1/2"	ADA ACCESSIBLE
P-6A	SERVICE SINK	3"	2"	1/2"	1/2"	FLOOR MOUNT

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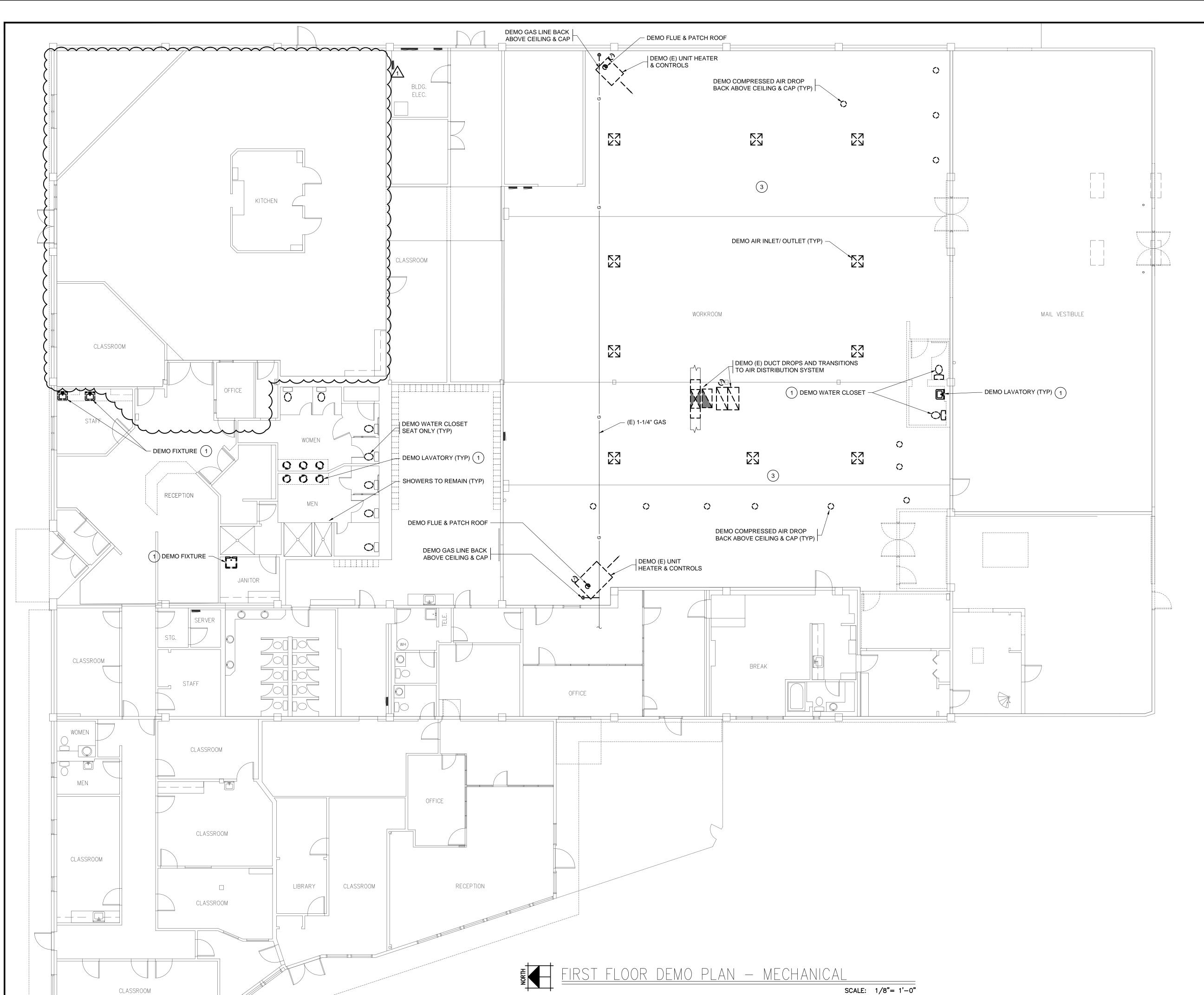
- 1. SEE DEMOLITION NOTES & MECHANICAL GENERAL NOTES SHEET M1.0.
- 2. AT DEMO'D HVAC UNITS AND UNIT HEATERS, REMOVE (E) VALVES, SUPPORTS CONDENSATE DRAINS, CONTROLS & ACCESSORIES.
- 3. NOT ALL THERMOSTATS ARE SHOWN ON PLANS. FIELD VERIFY THERMOSTATS THAT SERVE EQUIPMENT TO BE DEMO'D AND
- 4. EXISTING ITEMS SHOWN ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION. NO AS-BUILTS EXIST.
- 5. EXISTING INSULATION IS RESTING ON ACOUSTIC CEILING TILE.

KEYED NOTES:

- 1 DEMO PLUMBING FIXTURE & CAP W, V, CW & HW PIPES BACK TO A CONCEALED LOCATION.
- 2 SALVAGE FOR RELOCATION.
- (3) TAKE DOWN AND STORE (E) DUCTWORK SERVING SPACE TO BE RE-USED AND RE-INSTALLED.

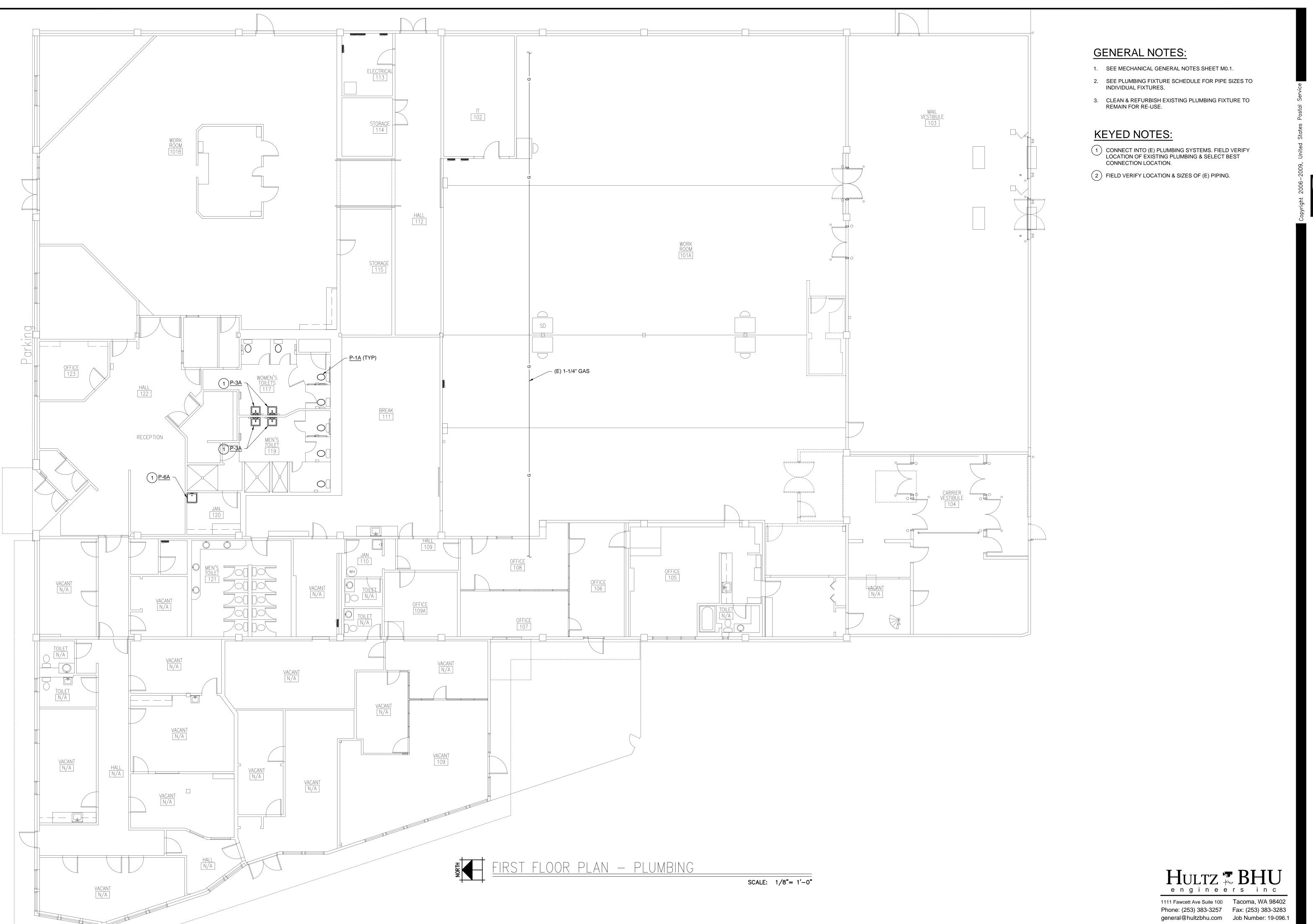
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Scale: 1, Project: USPS Fi



- 1. SEE DEMOLITION NOTES & MECHANICAL GENERAL NOTES
- 2. AT DEMO'D HVAC UNITS REMOVE (E) VALVES, SUPPORTS CONDENSATE DRAINS, CONTROLS & ACCESSORIES.
- 3. NOT ALL THERMOSTATS ARE SHOWN ON PLANS. FIELD VERIFY THERMOSTATS THAT SERVE EQUIPMENT TO BE DEMO'D AND
- 4. EXISTING ITEMS SHOWN ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION. NO AS-BUILTS EXIST.
- 5. DEMO ALL ROOF CURBS AND SLEEPERS FOR EXISTING

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Scale: 1/Project:

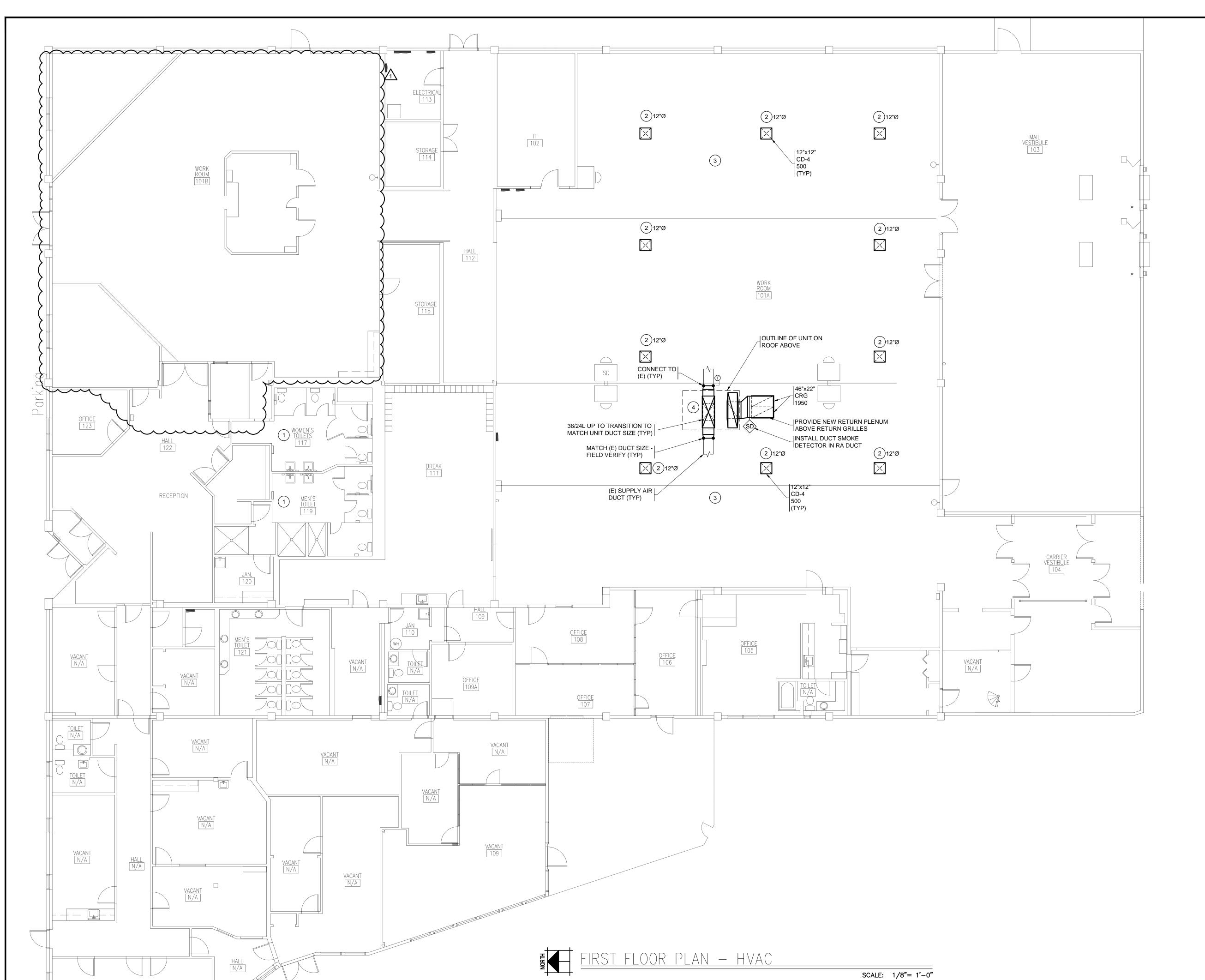
Scale: 1/Project: USPS Fil



- 1. SEE MECHANICAL GENERAL NOTES SHEET M1.0.
- 2. CONFIRM FIRE RATINGS WITH ARCHITECT; PROVIDE FIRE DAMPERS AT RATED ELEMENTS.
- 3. LINE FIRST 6' OF SA & RA DUCT OFF UNITS WITH 1" INTERNAL
- 4. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- 5. CONNECT THERMOSTATS TO UNITS THAT SERVE THE SPACE THE THERMOSTAT IS LOCATED IN.
- 6. FIELD VERIFY EXISTING DUCTWORK SIZE AND LOCATION AS NEEDED TO CONNECT NEW AIR INLETS/OUTLETS TO EXISTING AIR DISTRIBUTION SYSTEM; PROVIDE VOLUME DAMPERS IN BRANCH DUCTS FOR NEW DIFFUSER LAYOUT.
- 7. CAP ALL UN-USED DUCT TAKEOFFS.

KEYED NOTES:

- 1) RESTROOM EXHAUST SYSTEMS ARE TO REMAIN AS FOUND.
- 2 CONNECT NEW CD TO (E) DUCTWORK; ASSUME 10' RIGID DUCT & 5' FLEX DUCT PER CONNECTION FOR BIDDING PURPOSES; DUCT SIZE SHOWN NEXT TO KEY NOTE CALL OUT.
- (3) CLEAN & RE-INSTALL (E) DUCTWORK SERVING SPACE.
- 4 PROVIDE NEW FRAMED IN ROOF OPENING TO ACCOMMODATE NEW UNIT DUCT SIZES/ LOCATIONS. TRANSITION FROM UNIT SIZE TO DUCT INDICATED IN CURB SPACE TO EXTENT POSSIBLE.



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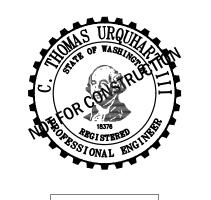
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(SOME ABB	ABBREVIATIONS REVIATIONS MAY NOT BE USED ON DRAWINGS)		ELECTRICA (SOME SYMBOLS MAY NO				(MEASURE	OUTLET MOUN E TO CENTER OF BOX, UNLE	TING HEIGHTS SS OTHERWISE INDICATED)	
ABBREV	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION					
A or AMP	AMPERES		DISTRIBUTION	J TWIBOL	POWER	COUNT	ER HEIGHT (*)	+48"AFF TO TOP	FIRE ALARM	
AIC	AMPERE INTERRUPTING CAPACITY		PANELBOARD - SURFACE	 	DUPLEX RECEPTACLE (NEMA 5-20R)		VORK OUTLETS HES & DIMMERS	AS DIRECTED 48 INCHES	MANUAL STATIONS SIGNALING DEVICES	48 INCHES TO TOP 80 INCHES TO BOTTOM
ARCH	ARCHITECTURAL		PANELBOARD - SURFACE PANEL SHOWN)	 \	SUBSCRIPT: FRZ FREEZER		TACLES	18 INCHES	REMOTE ALARM LIGHTS	80 INCHES TO BOTTOM
AWG	AMERICAN WIRE GAUGE	<u></u>	PANELBOARD - EXISTING (SURFACE PAINEL SHOWN) PANELBOARD - FLUSH		WC WATER COOLER		OSTATS PANCY SENSORS	48 INCHES 12 FEET MAXIMUM	REMOTE ANNUNCIATOR	60 INCHES TO BOTTOM
С	CONDUIT				REF REFRIGERATOR COP COPIER		(TELEPHONE)	18 INCHES		
СВ	CIRCUIT BREAKER		SWITCHBOARD OR MCC (DRAWN TO SCALE) DISCONNECT SWITCH		HWD HOT WATER DISPENSER	,	COMPUTER)	18 INCHES		
CKT	CIRCUIT				MWO MICROWAVE OVEN P PEDESTAL	WALL F	PHONE LEVISION)	48 INCHES 18 INCHES		
CT	CURRENT TRANSFORMER		FUSED DISCONNECT SWITCH		WP WEATHERPROOF	,	LL MOUNTED	CENTER OF TV BRACKET		
CU	COPPER		MAGNETIC MOTOR STARTER OR OTHER MOTOR CONTROL DEVICE AS SCHEDULED		C CEILING HT HEAT TAPE					
DIA	DIAMETER	CE _{ST}	ENCLOSED CIRCUIT BREAKER WITH		T TAMPER RESISTANT					
DIV	DIVISION	ST .	SHUNT TRIP		TV VIDEO DISPLAY OUTLET. REFEI ARCHITECTURAL DETAILS FOR					
DRC	DIGITAL ROOM CONTROLLER	-H/	CROSS LINES INDICATE NUMBER OF CONDUCTORS IF MORE THAN TWO WIRE CIRCUIT. LONG DENOTES		MOUNTING HEIGHT			GENERAL ELE	CTRICAL NOTES	5 :
DWG	DRAWING		NEUTRAL. DOT DENOTES GROUND. DOTTED HASH	*	ASTERISK INDICATES COUNTER HEIGHT OUTLET					
ELEC	ELECTRIC		MARK INDICATES ISOLATED GROUND. CONDUIT IS		(DUPLEX RECEPTACLE SHOWN)	<u>GE</u>	NERAL ELECTRIC	CAL NOTES:		
EMT	ELECTRICAL METALLIC TUBING		1/2" AND CONDUCTOR IS #12 AWG UNLESS OTHERWISE NOTED OR SCHEDULED. ONLY BRANCH		FOURPLEX RECEPTACLE (NEMA 5-20R)	1.	SEE ARCHITE	ECTURAL PLANS FOR LOCAT	TION OF FIRE RATED CONSTR	RUCTION.
EXST or (E)	EXISTING		CIRCUIT HOMERUNS ARE INDICATED WITH	 	GFCI DUPLEX RECEPTACLE (NEMA 5-20R)			0.UT.N.0TT.0		
FA	FIRE ALARM		CONDUCTOR COUNT. SEE GENERAL ELECTRICAL NOTES.	₽D	DRYER RECEPTACLE (NEMA 14-30R)	2.	BRANCH CIRC	CUIT NOTES:		
FLA	FULL LOAD AMPS		WIRING CONCEALED IN CEILING OR WALL	Ю	SPECIAL PURPOSE OUTLET (AS NOTED)				OUNT BEFORE PULLING C	
FLEX	FLEXIBLE CONDUIT		WIRING CONCEALED IN CEILING ON WALL WIRING CONCEALED UNDERGROUND OR BELOW FLOOR	0	JUNCTION BOX - CEILING OR EXPOSED				OUTLET AND DEVICE FOR RCUIT DESIGNATIONS SHOV	•
GND	GROUND		WIRING EXPOSED	1	SPLIT WIRED RECEPTACLE, 1/2 OF OUTLET IS			ED ON PLANS OR NOTE BELO		
GND HP	HORSEPOWER		WIRING HOMERUN		CONTROLLED BY OCCUPANCY SENSOR		B FOR SWI	TCHED OUTLETS PROVIDE	ADDITIONAL CONDUCTOR	COUNT REQUIRED FOR
nr HZ	HERTZ		CONDUIT UP, DOWN	 	DESCRITA SI E SONTROLLED DV SOCIEDANOV SENSOD		SWITCH	LEGS TO ACCOMMODA	ATE SWITCH CONTROL	INDICATED. MAINTAIN
пz J-BOX	JUNCTION BOX		FLEXIBLE WIRING CONNECTION		RECEPTACLE CONTROLLED BY OCCUPANCY SENSOR OR TIME SWITCH		UNSWITC SHOWN.	CHED LEG IN LIGHTING BRAI	NCH CIRCUITS TO EXIT AND	EMERGENCY LIGHTING
				 	TAMPER RESISTANT DUPLEX RECEPTACLE (NEMA 5-15)	5R)				
KVA	KILOVOLT AMPERES	_	<u>LIGHTING</u>	 	TAMER PROOF RECEPTACLE WITH BLANK FACE				T OF CONDUCTOR LENGTH PROVIDE LARGER SIZE FEEI	_
KW	KILOWATTS	0	LIGHTING OUTLET - CEILING	 	GFCI IN DOUBLE GANG OUTLET			ENT MCA EXCEEDS 30 AMPS		DER FER CODE WHERE
LTG	LIGHTING		LUMINAIRE (TO SCALE ON DRAWINGS)	 ⊙~⊕	CEILING MOUNT POWER DROP - RECEPTACLE AS NOTE	ΓED		S SEDADATE NEUTDAL (CONDUCTOR FOR BRANCI	A CIDCUITS SEDVING
MAX	MAXIMUM		LAY-IN LUMINAIRE		(J-BOX INDICATES MOUNTING LOCATION)			ACLE OUTLETS UNLESS OTH		1 CIRCUITS SERVING
MCA	MINIMUM CIRCUIT AMPS	0	SURFACE MOUNT LUMINAIRE	(D)	FLUSH MOUNT FLOOR BOX			NDUIT SIZE FOR HOMERUNS		
MCM or KCM	THOUSAND CIRCULAR MILS		LUMINAIRE WITH EMERGENCY LIGHTING UNIT	매	DOOR OPENER	٥.		NDUIT SIZE FOR HOMERUNS	STALL DE 3/4 INCH.	
MDP	MAIN DISTRIBUTION PANELBOARD		(N) SUBSCRIPT BY FIXTURE INDICATES NIGHT LIGHT	<u>TTB</u>	TELECOMMUNICATIONS TERMINAL BOARD	4.	•		QUIPMENT CONDUCTORS SHA	ALL NOT BE COMBINED
MDS	MAIN DISTRIBUTION SWITCHBOARD	(N)	(ON CONTINUOUSLY)		SUBSCRIPT INDICATES NUMBER OF DROPS		IN THE SAME	RACEWAY UNLESS NOTED	OTHERWISE.	
MIN	MINIMUM	EM	STRIP LUMINAIRE WITH EMERGENCY	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	WIRELESS ACCESS POINT	5.			RE INDICATED, PROVIDE QUA	
MOP or MOCP	MAXIMUM OVERCURRENT PROTECTION	EM	LIGHTING UNIT	\ \ \	FIDE ALADM			PER MANUFACTURER'S REC MIZE FALSE ACTIVATION THI	COMMENDATION FOR COMPL RU OPEN DOORS.	ETE ROOM COVERAGE
N or NEUT	NEUTRAL			F40	FIRE ALARM		DEEED TO 4.D		LIQUET ENVELIDE L'OCATIONIC	AND FOR MOUNTING
NTS	NOT TO SCALE	Δ μ α	SURFACE FIXTURE - WALL	<u>FAC</u>	SYMBOL FOR FIRE ALARM CONTROL PANEL	б.			LIGHT FIXTURE LOCATIONS / NTED LIGHT FIXTURES. REFE	
Ø or PH	PHASE	8	EXIT FIXTURE - CEILING	-5	MANUAL STATION			, - ,	EXTERIOR ELEVATIONS, ROC	,
PNL	PANEL	⊢⊗	EXIT FIXTURE - WALL	-E ■	HORN WITH VISUAL SIGNAL (STROBE)			IVN ON ARCHITECTURAL CO IFLICTS TO ARCHITECT/ENG	ONTRACT DOCUMENTS PRIO SINEER FOR RESOLUTION.	R TO ROUGH-IN.
RM	ROOM	t⊗t	EXIT FIXTURE WITH DIRECTION ARROWS	⊕	HEAT DETECTOR					
SP	SINGLE POLE	~	EMERGENCY FIXTURE - TWIN HEAD	\ \\$	SMOKE DETECTOR	7.			FOR LOCATION AND MOUNT O ARCHITECT/ENGINEER FO	
STD	STANDARD		LIGHTING CONTROL		CALLOUTS					
SW	SWITCH	S	SINGLE POLE TOGGLE SWITCH	XXX	FIXTURE SYMBOL	8.		CT LOCATION OF OUTLETS LA APPROVAL PRIOR TO ROUGH	OCATED IN KNEE SPACES AI H-IN.	ND CASEWORK. OBTAIN
SWBD	SWITCHBOARD	\$	DIGITAL SWITCH STATION	#	BUBBLE NOTE TAG SYMBOL: # - IDENTIFYING NUMBER					
TYP	TYPICAL	\$ _{WP} , S ₃	SWITCH SUBSCRIPTS:	_	# - IDENTIFYING NUMBER DRAWING REVISION SYMBOL:	9.	_	(BOX REQUIREMENTS OF E	QUIPMENT FURNISHED UNDI FURNISHED BY OWNER	ER OTHER THAN
TTB	TELEPHONE TERMINATION BOARD		2 DOUBLE POLE 3 THREE WAY		# - IDENTIFYING NUMBER					
UL	UNDERWRITERS LABORATORY		4 FOUR WAY		SCHEDULED EQUIPMENT CONNECTION (INCLUDE	10			VISIT THE SITE TO DETERMI AND RELATED ASPECTS OF	
V	VOLTS		D DIMMER EP EXPLOSION PROOF		ALL WIRING, DISCONNECTING MEANS, CONTROL		DONE	DOILDING GOINGI RUCHUN	MAD INCLATED MOREGIO UF	THE WORK TO DE
VA	VOLT AMPERES		K KEY OPERATED		AND OTHER REQUIREMENTS SCHEDULED)	DE	MODEL ELECTRI	ICAL NOTES:		
W	WATTS		LV LOW VOLTAGE		REMODEL I	KEI	INIODEL ELECTRI	ICAL NOTES.		
W/	WITH		LVM LOW VOLTAGE MASTER M MANUAL MOTOR STARTER		HEAVY LINE WEIGHT = NEW WORK (2 X 4 LAY-IN SHOWN)		EIDE ALADAA	SVOTEM IS BIDDED DESIGN	TWO COMPLETE PLANS AND) SDECIEICATIONS FOR
WP	WEATHER PROOF		W/OVERLOADS		STANDARD LINE WEIGHT = EXISTING TO REMAIN			_	SHALL BE SUBMITTED TO A	
			MC MOMENTARY CONTACT P SWITCH W/PILOT LIGHT	H	(RECEPTACLE SHOWN)		JURISDICTION	N FOR REVIEW AND APPRO\	AL PRIOR TO SYSTEM INSTA	
			T LV DIGITAL TIMER (4 HRS.)	<i>H</i> /,	CROSS HATCH LINE WORK = ELECTRICAL		INIODIFICATIO	NS. BUILDING IS SPRINKLEF	NLU.	
			WP WEATHERPROOF a, b, c MULTIGANG SWITCH STATION		DEMOLITION (RECEPTACLE SHOWN)	2.		`	CCTV) IS BIDDER DESIGN. CC	
				⊨ (N)	STANDARD LINE WEIGHT WITH (N) = EXISTING				I AS REQUIRED TO NEW DEV USED. COORDINATE EXACT	
		(3)	OCCUPANCY SENSOR - CEILING MOUNT		TO BE REPLACED OR MODIFIED (SEE REMODEL NOTES) (RECEPTACLE SHOWN)				OSTAL SERVICE (USPS) PRO	
		● D	DAYLIGHT SENSOR - DUAL ZONE			3	INTRUSION S	YSTEM IS BIDDER DESIGN 1	NTRUSION SYSTEM IS EXIST	ING. MODIFY AND
		Sos	OCCUPANCY SENSOR - WALL SWITCH			3.	EXTEND EXIS	TING SYSTEM AS REQUIRED	TO NEW DEVICES. PORTIO	NS OF EXISTING
			ACCESS CONTROL					'STEM MAY BE REUSED. CO ONS AND USPS PROJECT MA	ORDINATE EXACT EQUIPMEN ANAGER.	NI WIIH
		SAC	SYMBOL FOR SECURITY ALARM CONTROL PANEL							
		\bigcirc	MOTION SENSOR							
			CARD READER							
		DS	DOOR CONTACT SWITCH							

CLOSED CIRCUIT TELEVISION CAMERA

KEY PAD



.	ROIR OH	ELECTRICAL SCHEDULE
IONE	Date:	1-4-21
COLUMBIA	COLUMBIA STATION AQ CAX	CAX
le Nimher 059098	0.59098	

ornerst	et, Suite 101 Phone:	
Cori	ARCHI Street, Suite 101	ington 08038
	6161 NE 175th Street, Suite 101	Kenmore Weehington 08028

COLI	6161 NE 175th Street, Suite 101
	6161 NE 175th

ANNEX

	evisions:	

	EXTERI	OR LUM	INAI	RE S	СН	EDUL	E
TYPE	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE	INPUT WATTS	BALLAST/ DRIVER	REMARKS
PL1	LED OUTDOOR SURFACE MOUNT CANOPY LIGHT, FINISH AS SELECTED. (NOTE 4)	LITHONIA DSXSC LED SERIES	LED 4000K 6300 LUMEN	120-277	53		
SP1B	LED OUTDOOR AREA POLE MOUNTED LIGHT, TYPE 4 DISTRIBUTION, WITH 20 FOOT STRAIGHT SQUARE ALUMINUM ANCHOR BASE POLE, FINISH AS SELECTED. PROVIDE WITH 50% BI- LEVEL MOTION/AMBIENT SENSOR. (NOTE 4)	LITHONIA DSX1 LED SERIES WITH POLE	LED 4000K 12000 LUMEN	120-277	102	LOW VOLTAGE DIMMING DRIVER	SITE PARKING PROVIDED WITH BACKLIGHT CONTROL
SF1	BUILDING MOUNTED SPOTLIGHT TO ILLUMINATE FLAGPOLE	LITHONIA OR APPROVED EQUAL	LED	277	-	-	CONTRACTOR TO SELECT SUITABLE BUILDING MOUNTED FLAGPOLE IN ACCORDANCE WITH USPS STANDARDS

NOTES:

- 1. LED LUMENS ARE BASED ON TOTAL ILLUMINATION OUTPUT OF THE LUMINAIRE UNLESS OTHERWISE INDICATED.
- 2. VERIFY STEM, CHAIN, OR CABLE LENGTH WITH FIXTURE VENDOR AS REQUIRED TO ACCOMMODATE THE INDICATED MOUNTING HEIGHT MEASURED TO BOTTOM OF FIXTURE.
- 3. LED DRIVERS FOR LOW VOLTAGE DIMMING SHALL BE 0-10 VOLTS UNLESS OTHERWIS INDICATED.
- 4. SEE SPECIFICATIONS FOR ADDITIONAL LUMINAIRE DESCRIPTION BY TYPE.

TYPE

DESCRIPTION

2X4 LED LAYIN STATIC TROFFER

(NOTE 4)

5"W x 4'L x 3 7/8" D SURFACE MOUNTED

LED LUMINAIRE

(NOTE 4)

4FT LONG LED STRIP WITH

PROTECTIVE LENS/DIFFUSER.

(NOTE 4)

FLEXIBLE/ROTATABLE, SHOCK AND VIBRATION RESISTANT LED DOCK

LIGHT WITH PROTECTIVE LAMP SHIELD

' x 4' LED RELIGHT RETROFIT KIT FOR

(NOTE 4)

2' x 4' LED RELIGHT RETROFIT KIT FOR

(NOTE 4)

EMERGENCY LED EXIT SIGN, SINGLE

FACE, WHITE HOUSING, GREEN

LETTERS (NOTE 4)

EMERGENCYLED EXIT SIGN, DOUBLE 🖡 FACE, WHITE HOUSING , GREEN

LETTERS (NOTE 4)

RK1A EXISTING FLUORESCENT TROFFER LITHONIA 2VTL4R SERIES LED 4000K 4000 LUMEN

RK1B EXISTING FLUORESCENT TROFFER LITHONIA 2VTL4R SERIES LED 4000K 4800 LUMEN

NOTES: 1. LED LUMENS ARE BASED ON TOTAL ILLUMINATION OUTPUT OF THE LUMINAIRE UNLESS OTHERWISE INDICATED.

LITHONIA LQM SERIES

LITHONIA LQM SERIES

2. VERIFY STEM, CHAIN, OR CABLE LENGTH WITH FIXTURE VENDOR AS REQUIRED TO ACCOMMODATE THE INDICATED MOUNTING HEIGHT MEASURED TO

INTERIOR LUMINAIRE SCHEDULE

LAMP

LED 4000K

3000 LUMEN

LED 4000K

3000 LUMEN

LED

LED

MANUFACTURER

LITHONIA WL4 SERIES

LITHONIA ZL1N SERIES

VERSA-LIGHT MODEL #450 LED 3000K

LIITHOINIA 2BLT4 SERIES LED 4000K 4000 LUMEN

INPUT WATTS

35

28

25

57

33

39

<5

<5

VOLTAGE

120-277

120-277

120-277

120

120-277

120-277

120-277

120-277

BALLAST/

DRIVER

LOW VOLTAGE

DIMMING DRIVER

LOW VOLTAGE

DIMMING DRIVER

LOW VOLTAGE

DIMMING DRIVER

REMARKS

- 3. LED DRIVERS FOR LOW VOLTAGE DIMMING SHALL BE 0-10 VOLTS UNLESS OTHERWIS INDICATED.
- 4. SEE SPECIFICATIONS FOR ADDITIONAL LUMINAIRE DESCRIPTION BY TYPE.

	MECHANICAL EQUIPMENT CONNECTION SCHEDULE														
				MAX	(IMUM R	ATINGS			(CU) FEEDER	DIS	CONNECT	REMARKS			
NAME	DESCRIPTION	LOCATION	HP	KVA	FLA	MCA	MOCP	VOLT/PH	#12 EACH PHASE,						
									NEUTRAL, PLUS GROUND	BY	DESCRIPTION				
									UNO.						
RTU-01	TRANE WSD150	ROOF	5 3/5	65.35	78.6	86.0	90	480 3	1"C, 3#2, 1#2G	•	TOGGLE				
RTU-02	TRANE GBC060	ROOF	1.5	9.81	11.8	14	20	480 3		•	TOGGLE				

EQUIPMENT CONNECTION SCHEDULE NOTES:

- 1. VERIFY VOLTAGE, PHASE, FLA/MCA OF EACH CONNECTION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. NOTIFY ARCHITECT/ENGINEER WHEN SCHEDULED SUPPLY WILL NOT MEET NEC REQUIREMENTS.
- 2. OUTLETS, DISCONNECTS, CONTROLLERS, AND EQUIPMENT CONNECTIONS FOR ROOF TOP AND OTHER OUTDOOR EQUIPMENT SHALL BE WEATHER PROOF.

65.35

- 3. LOCATION OF OUTLETS, DISCONNECTS, CONTROL DEVICES, AND EQUIPMENT CONNECTIONS ARE DIAGRAMMATIC AND TO BE LOCATED IN FIELD BY THE CONTRATCOR AS APPROVED BY THE ENGINEER. UNLESS OTHERWISE CONTROL DEVICES IN SIGHT OF EQUIPMENT. ARRANGE WIRING AND EUQPMENT TO AVOID INTERFERENCE WITH OTHER WORK AND TO MAXMIZE ACCESSIBILITY FOR MAINTENANCE AND REPAIRS.
- 4. COORDINATE WITH THE OTHER INSTALLING CONTRACTORS TO ENSURE NEC REQURIED ACCESS TO DISCONNECTS IS PROVIDED FOR EACH PIECE OF EQUIPMENT. 5. PROVIDE SMOKE DUCT DETECTORS IN HEATING AND COOLING SYSTMS PER INTERNATIONAL MECHANICAL CODE. SEE DIVISION 25 EQUIPMENT SCHEDULES FOR ADDITIONAL UNITS RATED OVER 2000 CFM AND PROVIDE DUCT
- 6. WIRING BETWEEN EQUIPMENT DISCONNECT AND POINT OF CONNECTION SHALL COMPLY WITH NEC BASED ON EQUIPMENT NAMEPLATE RATING EXCEPT MINIMUM BRANCH CIRCUIT RATING SHALL BE 20 AMPERES.
- 7. SIZE OF DISCONNECT SWITCH AND MOTOR STARTER SHALL BE SIZED TO COMPLY WITH NEC REQUIREMENTS. WHERE INDICATED MOTOR CONTROL IS NOT LOCATED IN SIDGHT OF MOTOR AS DEFINED BY NEC, PROVIDE
- 8. WIRING SIZES ARE BASED ON 60 DEGREE C. FOR AMPACITIES 100 AMPERES AND LESS. FOR FEEDERS LESS THAN 100 FEET IN LENGTH, CONDUCTOR SIZES MAY BE SELECTED BASED ON 75 DEGREE C. WHERE EQUIPMENT
- 9. SCHEDULE LEGEND: = FURNISH AND INSTALL NEW UNDER DIVISION 26 O = INSTALL UNDER DIVISION 26; FURNISHED WITH EQUIPMENT OR BY OTHERS.
 - X = FURNISH AND INSTALL BY OTHERS (NOT DIVISION 26)
 - * = EXISTING, RELOCATED EQUIPMENT

EVISED		LOCATION:	ELEC RM				_	480/277	VOLT	200 AMF	MAIN LUGS	ONLY SCCR:	35,000 A	
HVAC	、	SERVING:	3PHASE L	DADS				3	PHASE			AFC:		
пужс		FED FROM:	PANEL H1					4	WIRE			MOUNTING:	SURFACE	
кт	LOAD	DESCRIPTIO	N	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	L	OAD DESCRIPTION	l	СК
1 EXIST	TING LOAD			М	0.000	20/3	Α	20/3	0.000	М	EXISTING L	_OAD		2
-				-	-	-	В	-	-	-	-			4
j -				-	-	-	С	-	-	-	-			6
RTU-	02			М	9.806	20/3	А	90/3	65.317	M	RTU-01			8
1-1/2	HP			-	-	-	В	-	-	-	5-3/5 HP			10
1 REPL	ACES EXIS	TING LOAD		-	-	-	С	-	-	-	REPLACES	EXISTING LOAD		12
3 SPAR	₹E			S	-	20/1	Α	20/1	-	S	SPARE			14
5 SPAR	₹E			S	-	20/1	В	20/1	-	s	SPARE			16
7 SPAR	₹E			S	-	20/1	С	20/1	-	S	SPARE			18
SPAR	₹E			s	-	20/1	Α	20/1	-	s	SPARE			20
SPAR	RE			s	-	20/1	В	20/1	-	s	SPARE			22
SPAR	₹E			s	-	20/1	С	20/1	-	s	SPARE			24
SPAR	₹E			S	-	20/1	Α	20/1	-	S	SPARE			26
SPAR	₹E			s	-	20/1	В	20/1	-	s	SPARE			28
SPAR	₹E			S	-	20/1	С	20/1	-	s	SPARE			30
SPAR	₹E			S	-	20/1	А	20/1	-	S	SPARE			32
SPAR	₹E			S	-	20/1	В	20/1	-	S	SPARE	***************************************		34
SPAR	۹E			S	-	20/1	С	20/1	-	S	SPARE			36
7 SPAR	₹E			S	-	20/1	А	20/1	-	s	SPARE			38
SPAR	₹E			S	-	20/1	В	20/1	-	s	SPARE			40
1 SPAR	₹E			S	-	20/1	С	20/1	-	S	SPARE			42
PHASE	LOAD	PHASE A=	25.04	KVA	PHASE B=	25.04	_KVA	PHASE C=	25.04	KVA				
LOAD	TYPE	L	R	М	Н	WH		D	А	К	LM	TOTAL I	OADS	
CONN.	. LOAD			75.12							65.32	75.12 KVA	90.36	AM
CALC.	LOAD			75.12							16.33	91.45 KVA	110.00	AM
REQUIF OPTIO		FEED-THRU	LUGS											

PAN	E)E	LOCATION: SERVING: FED FROM:	3PHASE L	OADS					VOLT PHASE WIRE		BUS RATING MAIN BREAKE	•	
СКТ	ļ	DESCRIPTIO	N	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE		AD DESCRIPTION	CK.
1	SPARE			S	-	20/1	A	20/1	-	S	SPARE		2
3	SPARE			S	-	20/1	В	20/1	-	S	SPARE		4
5	SPARE			S		20/1	С	20/1	-	S	SPARE		6
7	SPARE			s	-	20/1	Α	20/1	-	S	SPARE		8
9	SPARE			s	-	20/1	В	20/1	-	S	SPARE		10
11	SPARE			s	-	20/1	С	20/1	-	S	SPARE		12
13	SPARE			S	_	20/1	Α	20/1	-	S	SPARE		14
15	SPARE			s	-	20/1	В	20/1	-	s	SPARE		16
17	SPARE			s	-	20/1	С	20/1	-	S	SPARE		18
19	SPARE		. ,	s		20/1	А	20/1	-	S	SPARE		20
21	SPARE			s	-	20/1	В	20/1	-	S	SPARE		22
23	SPARE			s	-	20/1	С	20/1	-	S	SPARE		24
25	SPARE			s	-	20/1	A	20/1	-	S	SPARE		26
27	SPARE		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	s	-	20/1	В	20/1	-	s	SPARE		28
29	SPARE			s	-	20/1	С	20/1	-	s	SPARE		30
31	SPARE			s	-	20/1	T _A	20/1	-	s	SPARE		32
33	SPARE			s	_	20/1	В	20/1	_	S	SPARE		34
35	SPARE		***************	s	_	20/1	С	20/1	-	s	SPARE		36
37	SPARE			s	_	20/1	A	20/1	_	S	SPARE		38
39	SPARE			s	_	20/1	В	20/1		S	SPARE		40
41	SPARE			S	-	20/1	c	20/1	-	S	SPARE		42
I	PHASELOAD	PHASE A=		_KVA	PHASE B=		_KVA	PHASE C=		_KVA			
	LOAD TYPE	L	R	М	Н	WH		D	А	К	LM	TOTAL LOAI	DS
	CONN. LOAD											KVA	AMI
	CALC. LOAD											KVA	AMI
	EQUIRED OPTIONS:	FEED-THRU	<u>LUGS</u>										
	NOTES: BOL	D INDICATES I	NEW WORK	<									

PAN	E)F	LOCATION: SERVING: FED FROM:	3PHASE I	LOADS					VOLT PHASE WIRE		P BUS RATIN P MAIN BREA			
СКТ	LO	AD DESCRIPTION	ON	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	L	OAD DESCRIPTIO	V	СКТ
1	EXISTING EC	UIPMENT		D	0.001	/2	Α	30/2	0.001	D	EXISTING E	QUIPMENT		2
3	-			_	-	-	В		-	-	-			4
5	EXISTING EC	UIPMENT		D	0.001	/2	С	60/3	0.001	D	EXISTING E	QUIPMENT		6
7				_	-	-	Α	-	-	_	-			8
9	EXISTING EC	UIPMENT		D	0.001	/2	В	-	-	-	-			10
11	-			-	-	-	С	-	-	s	SPACE			12
13	SPACE			s	_	-	Α	-	_	S	SPACE			14
15	SPACE			S	-	-	В	-	-	S	SPACE			16
17	SPACE			S	-	-	С	-	-	S	SPACE			18
19	SPACE			S	-	-	Α	-	-	S	SPACE			20
21	SPACE		~~~	S	-	-	В	-	-	S	SPACE			22
23	SPACE			s	-	-	С	-	-	S	SPACE			24
F	PHASE LOAD	PHASE A=	0.00	KVA	PHASE B=	0.00	_KVA	PHASE C=	0.00	KVA				<u> </u>
	LOAD TYPE	L	R	М	Н	WH		D	Α	К	LM	TOTAL	LOADS	
(CONN. LOAD							0.01				0.01 KVA	0.01	AMF
(CALC. LOAD							0.01				0.01 KVA	0.01	AMF
	EQUIRED OPTIONS:	FEED-THRI	J LUGS											

	H2		ELEC RM EDITION STREET	OADS					VOLT PHASE WIRE		BUS RATIN	-	10,000 A 9,500 A SURFACE	
СКТ	1	OAD DESCRIPT		TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	+	OAD DESCRIPTION		
1		K ROOM 101A/1		L .	0.770	20/1	A	20/1	-	S	SPARE			
3		K ROOM 101A/1	03	L L	0.910	20/1	В	20/1	-	S	SPARE			
5	LTG - HALL	112		L -	0.275	20/1	С	20/1	-	S	SPARE			
7	SPARE			S	-	20/1	A	20/1	-	S	SPARE			
9		102, 117, 119		L	0.867	20/1	В	20/1	-	S	SPARE			
11		105, 106, 107, 1 		L	1.138	20/1	С	20/1	-	S	SPARE			
13	_	RIOR SIGNAGE		L	1.000	20/1	Α	20/1	-	S	SPARE			
15	SPARE	DIOD AMA DO T	O (IN I) A	S	-	20/1	В	20/1	-	S	SPARE	EVILODI/DOOM		
		RIOR (MAPC/T		L	0.250	20/1	С	20/1	0.360	R	-	EXWORKROOM		
19		RIOR SITE (MA		L L	0.306	20/1	Α	20/1	0.360	R		EXWORKROOM		
21		RIOR FLAG (MA	APC/IC)	L .	0.100	20/1	В	20/1	0.360	R	REC - 4PLI			
23	_	AINVERTER		L	0.875	20/1	C	20/1	0.360	R	REC - 4PLI			
25		AINVERTER		L	0.230	20/1	A	20/1	0.360	R		EXWORKROOM		
27	SCISSOR L	IF I		М	1.435	20/2	В	20/1	0.360	R		EXWORKROOM		
29	-			-	-	-	С	20/1	0.360	R	ļ	EX WORKROOM		
31	SCISSOR L	IF I		М	1.435	20/2	Α	20/1	0.360	R		EXWORKROOM		
33	-	TDIO 0.7== :-		-	-	-	В	20/1	0.360	R		EXWORKROOM		
35	SITE ELEC	TRIC GATE OPE	NER	M	1.435	20/2	С	20/1	0.360	R	ļ	REC - 4PLEX WORKROOM REC - 4PLEX WORKROOM		
37	-			-	-	-	A	20/1	0.360	R		REC - 4PLEX WORKROOM CCTV SYSTEM		
39	TIME CLOC			D	0.500	20/1	В	20/1	1.500	D				
41	1 LIGHTING INVERTER PHASE LOAD PHASE A= 9.0			D	1.105	20/1	C	20/1	1.500	D	FACP - PR	OMDE WITH LOCK	301	
	PANEL H2 SEC 2 CONN. LOAD CALC. LOAD		3.96 12.49 16.45	4.31				4.61			1.44	19.59 KVA 12.49 KVA 32.08 KVA	54.38 34.67	
		1 0.10	13.23	4.31				4.61			0.36	30.90 KVA	89.05 85.76	
	SEC 2	LOCATION	ELEC RM: 3PHASE L: SECTION	OADS				4.61 208/120 3	VOLT PHASE WIRE	225 AMF		30.90 KVA	85.76 10,000 A 9,500 A	
S	SEC 2	LOCATION SERVING FED FROM	ELEC RM 3PHASE L SECTION	OADS 1 TYPE	KVA	A/P	PHASE	4.61 208/120 3 4 A/P	PHASE WIRE	TYPE	0.36 MAIN LUGS	30.90 KVA S ONLY MOUNTING:	85.76 10,000 A 9,500 A SURFACE	
S CKT 43	REC - POW	LOCATION SERVING FED FROM OAD DESCRIPTI	ELEC RM 3PHASE L SECTION 01A	OADS 1 TYPE R	0.360	20/1	A	4.61 208/120 3 4 A/P 20/1	WIRE KVA 0.360	TYPE R	0.36 MAIN LUGS L REC - 4PLI	30.90 KVA S ONLY MOUNTING: OAD DESCRIPTION EX WORKROOM	85.76 10,000 A 9,500 A SURFACE	
CKT 43 45	REC - POW	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R	 		A B	4.61 208/120 3 4 A/P 20/1 20/1	WIRE KVA 0.360 0.360	TYPE	0.36 MAIN LUGS L REC - 4PLI	30.90 KVA S ONLY MOUNTING: OAD DESCRIPTION EX WORKROOM EX WORKROOM	85.76 10,000 A 9,500 A SURFACE	
CKT 43 45 47	REC - POW	LOCATION SERVING FED FROM OAD DESCRIPTI	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R	0.360	20/1 20/1 20/1	A B C	4.61 208/120 3 4 A/P 20/1 20/1	WIRE KVA 0.360 0.360 0.360	TYPE R R R	0.36 MAIN LUGS L REC - 4PLI REC - 4PLI REC - 4PLI	30.90 KVA MOUNTING: OAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM	85.76 10,000 A 9,500 A SURFACE	
CKT 43 45 47 49	REC - POW REC - POW REC - POW SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R S	0.360 0.360	20/1 20/1 20/1 20/1	A B C	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.720	TYPE R R R R	0.36 MAIN LUGS L REC - 4PLI REC - 4PLI REC - 4PLI REC - 5TO	MOUNTING: OAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROOM RAGE 114	85.76 10,000 A 9,500 A SURFACE	
CKT 43 45 47 49 51	REC - POW REC - POW REC - POW SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R S S	0.360 0.360 0.360	20/1 20/1 20/1 20/1 20/1	A B C A B B	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.720 0.540	TYPE R R R R	0.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 5TO REC - HAL	MOUNTING: OAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROOM RAGE 114 L 112 / IT 102	85.76 10,000 A 9,500 A SURFACE	
S CKT 43 45 47 49 51 53	REC - POW REC - POW REC - POW SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R S S S	0.360 0.360 0.360	20/1 20/1 20/1 20/1 20/1 20/1	A B C C	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.360 0.720 0.540 0.360	TYPE R R R R R	0.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 5TO REC - HAL REC - 1T R.	MOUNTING: MOUNTING: OAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM RAGE 114 L 112 / IT 102 ACK	85.76 10,000 A 9,500 A SURFACE	
S CKT 43 45 47 49 51 53 55	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R S S S S	0.360 0.360 0.360 - - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.720 0.540 0.360 0.360	TYPE R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 5TO REC - HAL REC - IT R. REC - IT R.	MOUNTING: MOUNTING: COAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM RAGE 114 L 112 / IT 102 ACK ACK	85.76 10,000 A 9,500 A SURFACE	
CKT 43 45 47 49 51 53 55	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R S S S S	0.360 0.360 0.360 - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A B C A B B	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.360 0.720 0.540 0.360	TYPE R R R R R	0.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 5TO REC - HAL REC - 1T R.	MOUNTING: MOUNTING: COAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM RAGE 114 L 112 / IT 102 ACK ACK	85.76 10,000 A 9,500 A SURFACE	
CKT 43 45 47 49 51 53 55 57	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S	0.360 0.360 0.360 - - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A B C C	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.720 0.540 0.360 0.360	TYPE R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - HAL REC - IT R. REC - IT R. REC - UPS -	MOUNTING:	85.76 10,000 A 9,500 A SURFACE	
CKT 43 45 47 49 51 53 55 57 59 61	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S	0.360 0.360 0.360 - - - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A A A A A A A A A A A A A A	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	HASE WIRE KVA 0.360 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360	TYPE R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 5TO REC - HAL REC - IT R. REC - UPS - REC - IT R.	30.90 KVA MOUNTING: MOUNTING: COAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM RAGE 114 L 112 / IT 102 ACK C C N C T ACK	85.76 10,000 A 9,500 A SURFACE	
S CKT 43 45 47 49 51 53 55 57 59 61 63	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S	0.360 0.360 0.360 - - - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A B C C	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.360 0.540 0.360 0.360 0.540 0.360 0.360 0.360	TYPE R R R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - HAL REC - IT R. REC - IT R. REC - UPS -	30.90 KVA MOUNTING: MOUNTING: COAD DESCRIPTION EX WORKROOM EX WORKROOM EX WORKROOM RAGE 114 L 112 / IT 102 ACK C C N C T ACK	85.76 10,000 A 9,500 A SURFACE	
\$\frac{\text{CKT}}{43}\\ 45\\ 47\\ 49\\ 51\\ 53\\ 55\\ 57\\ 59\\ 61\\ 63\\ 65\\	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S	0.360 0.360 0.360 - - - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A A A A A A A A A A A A A A	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	HASE WIRE KVA 0.360 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360	TYPE R R R R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 5TO REC - HAL REC - IT R. REC - UPS - REC - IT R.	MOUNTING: MOUNTING: MOUNTING: COAD DESCRIPTION EX WORKROOM EX WORD EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROO	85.76 10,000 A 9,500 A SURFACE	
\$\frac{\text{CKT}}{43}\$ 45 47 49 51 53 55 57 61 63 65 67	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S S S S S	0.360 0.360 0.360 - - - - - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A A B C C A A B C C A	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/2 - 20/1 20/1	KVA 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360 0.360	TYPE R R R R R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - IT R.	MOUNTING:	85.76 10,000 A 9,500 A SURFACE	
\$\frac{\text{CKT}}{43}\$ 45 47 49 51 53 55 57 61 63 65 67	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S S S S S	0.360 0.360 0.360 - - - - - - -	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C C A B C C C C C C C C C C C	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	KVA 0.360 0.360 0.540 0.360 0.360 0.360 0.360 0.360 0.360 2.000 - 0.360 0.360 0.360	TYPE R R R R R R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - IT R.	MOUNTING: MOUNTING: MOUNTING: COAD DESCRIPTION EX WORKROOM EX WORD EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROO	85.76 10,000 A 9,500 A SURFACE	
\$\frac{\text{CKT}}{43}\$ 45 47 49 51 53 55 57 59 61 63 65 67 69	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S S S S S	0.360 0.360	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C A B C A A B C C A A B C C A	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 - 20/1 20/1 - 20/1 - 20/1 - 20/1 - - - - - - - - - - - - -	HASE WIRE KVA 0.360 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360 2.000 - 0.360 2.000 -	TYPE R R R R R R R R R	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - 1T R. REC - IT R. REC - UPS - REC - UPS	MOUNTING:	85.76 10,000 A 9,500 A SURFACE	
\$\frac{\text{CKT}}{43}\$ 45 47 49 51 53 55 57 59 61 63 65 67 69	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S S S S S	0.360 0.360	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C C A B C C A B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C C A B B C C C A B B C C C A B B C C C A B B C C C C	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	HASE WIRE KVA 0.360 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360 2.000 - 1.080	TYPE R R R R R R R R R	D.36 MAIN LUGS MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - 1T R. REC - IT R.	MOUNTING: MOUNTING: MOUNTING: COAD DESCRIPTION EX WORKROOM EX WORD EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROOM EX WORKROO	85.76 10,000 A 9,500 A SURFACE	
S CKT 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R S S S S S S S S S S	0.360 0.360	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C C A B C C A B C C A B C C C C C C	4.61 208/120 3 4 A/P 20/1	HASE WIRE KVA 0.360 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360 2.000 - 1.080 0.750	TYPE	D.36 MAIN LUGS MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - 1T R. REC - IT R.	MOUNTING:	85.76 10,000 A 9,500 A SURFACE	
\$\frac{\text{CKT}}{43}\$ 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75	REC - POW REC - POW REC - POW SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S S S S S	0.360 0.360	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C C A B C C A B C C A A B C C A A B C C A A B C C A A B C C A A B C C A A C C A C C A C C A C C C A C C C C A C	4.61 208/120 3 4 A/P 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	HASE WIRE KVA 0.360 0.360 0.360 0.540 0.360 2.000 - 0.360 2.000 - 1.080 0.750 0.720	TYPE	D.36 MAIN LUGS MAIN LUGS REC - 4PLI REC - 4PLI REC - 5TO REC - IT R. REC -	MOUNTING:	85.76 10,000 A 9,500 A SURFACE	
\$\frac{\text{CKT}}{43}\$ 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75	REC - POW REC - POW REC - POW SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS TYPE R R R S S S S S S S S S S	0.360 0.360	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C C A B C C A B C C A B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C B C C A B B B C C B C C A B B B C C B C C C A B B B C C C A B B B C C C A B B B C C C A B B B C C C C	4.61 208/120 3 4 A/P 20/1	HASE WIRE KVA 0.360 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360 2.000 - 1.080 0.720 0.720 0.720 0.720	TYPE	D.36 MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - 1T R. REC - IT R. REC - UPS - REC - IT R. REC - UPS - REC - UPS - REC - UPS - REC - WOF REC - RM	MOUNTING:	85.76 10,000 A 9,500 A SURFACE	
S CKT 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77	REC - POW REC - POW REC - POW SPARE	LOCATION SERVING FED FROM OAD DESCRIPTI FER DROP RM 1	ELEC RM 3PHASE L SECTION ON 01A	OADS 1 TYPE R R R S S S S S S S S S S S S S S S S	0.360 0.360	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	A B C C A B C C A B C C A B C C A C C C C	4.61 208/120 3 4 A/P 20/1	HASE WIRE KVA 0.360 0.360 0.360 0.720 0.540 0.360 2.000 - 0.360 2.000 - 1.080 0.750 0.720 0.360 0.720	TYPE	D.36 MAIN LUGS MAIN LUGS REC - 4PLI REC - 4PLI REC - 4PLI REC - 1T R. REC - IT R. REC - UPS - REC - WOF REC - RM: REC - HAL RM'S 117 8	MOUNTING:	85.76 10,000 A 9,500 A SURFACE	

CONN. LOAD

CALC. LOAD

REQUIRED OPTIONS:

12.49

11 25

PAN	JEL	LOCATION:	ELEC RM					208/120	VOLT	600 AMP	BUS RATIN	G SCCR:	65,000 A
	ЦИ	SERVING:	3PHASE L	OADS			_	3	PHASE	600 AMP	MAIN BREA	KER AFC:	
	H1	FED FROM:	225kVATF	RANSFORME	ER		-	4	WIRE			MOUNTING:	SURFACE
СКТ	Lo	AD DESCRIPTION)N	TYPE	KVA	A/P	PHASE	A/P	KVA	TYPE	L	OAD DESCRIPTION	1
1	SPARE			S	-	20/1	А	20/1	-	S	SPARE		
3	SPARE			S	-	20/1	В	20/1	-	S	SPARE		
5	SPARE			S	-	20/1	С	20/1	-	S	SPARE		
7	SPARE			S	-	20/1	А	20/1	-	S	SPARE		
9	SPARE			s	-	20/1	В	20/1	-	S	SPARE		
11	SPARE			s	-	20/1	С	20/1	-	S	SPARE		
13	SPARE			s	-	20/1	Α	20/1	-	S	SPARE		
15	SPARE			s	-	20/1	В	20/1	-	s	SPARE		
17	SPARE			s	-	20/1	С	20/1	-	s	SPARE		
19	SPARE			s	-	20/1	Α	20/1	-	s	SPARE		
21	SPARE			s	-	20/1	В	20/1	-	s	SPARE		
23	SPARE			s	-	20/1	С	20/1	-	s	SPARE		
25	SPARE			s	-	20/1	Α	/3		Р	PANEL E		
27	SPARE			s	-	20/1	В	-	-	-	-		
29	SPARE			s	-	20/1	С	-	-	-	-		
31	SPARE			S	-	20/1	Α	/3	0.005	Р	PANEL F		
33	SPARE			s	-	20/1	В	-	-	-	-		
35	SPARE			S	-	20/1	С	-	-	-	-		
37	SPARE			S	-	20/1	Α	200/3	32.081	Р	PANEL H2		
39	SPARE			S	-	20/1	В	-	-	-	-		
41	SPARE			s	-	20/1	С	-	-	-	-		
F	PHASE LOAD	PHASE A=	9.06	_KVA	PHASE B=	10.45	KVA	PHASE C=	12.57	KVA	<u>I</u>		···
	LOAD TYPE	L	R	М	Н	WH		D	А	К	LM	TOTAL	LOADS
	PANEL H1											KVA	
	PANEL H2	6.72	16.45	4.31				4.61			1.44	32.08 KVA	89.05
	PANEL E											KVA	
	PANEL F							0.01				0.01 KVA	0.01
(CONN. LOAD	6.72	16.45	4.31				4.61			1.44	32.09 KVA	89.06
	CALC. LOAD	8.40	13.23	4.31				4.61			0.36	30.90 KVA	85.77

NOTES: PROVIDE SURGE PROTECTIVE DEVICE.

TOTAL LOADS

12.49 KVA 34.67 AMP

12.49 KVA 34.67 AMP

11.25 KVA 31.21 AMP

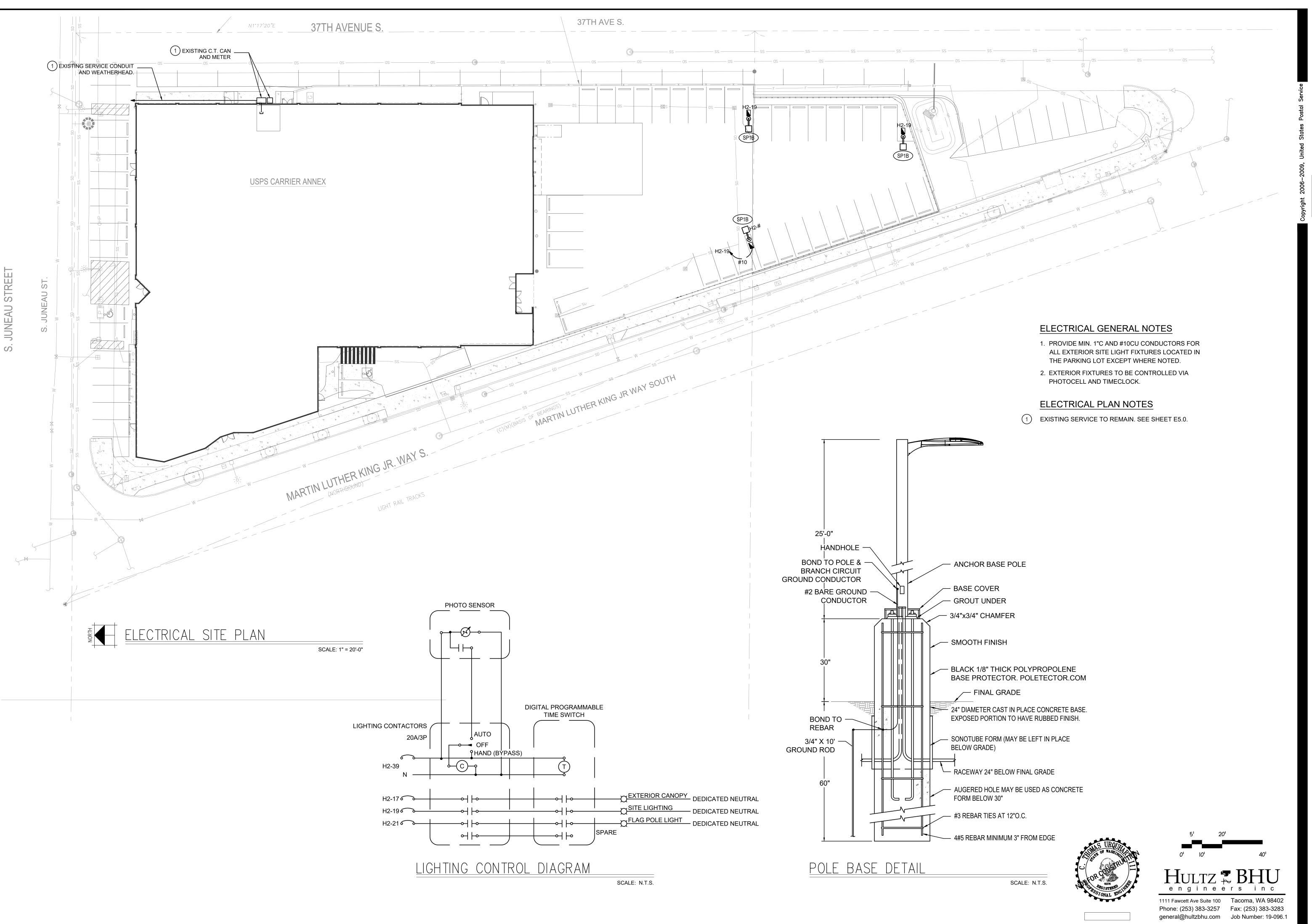
ELECTRICAL GENERAL NOTES

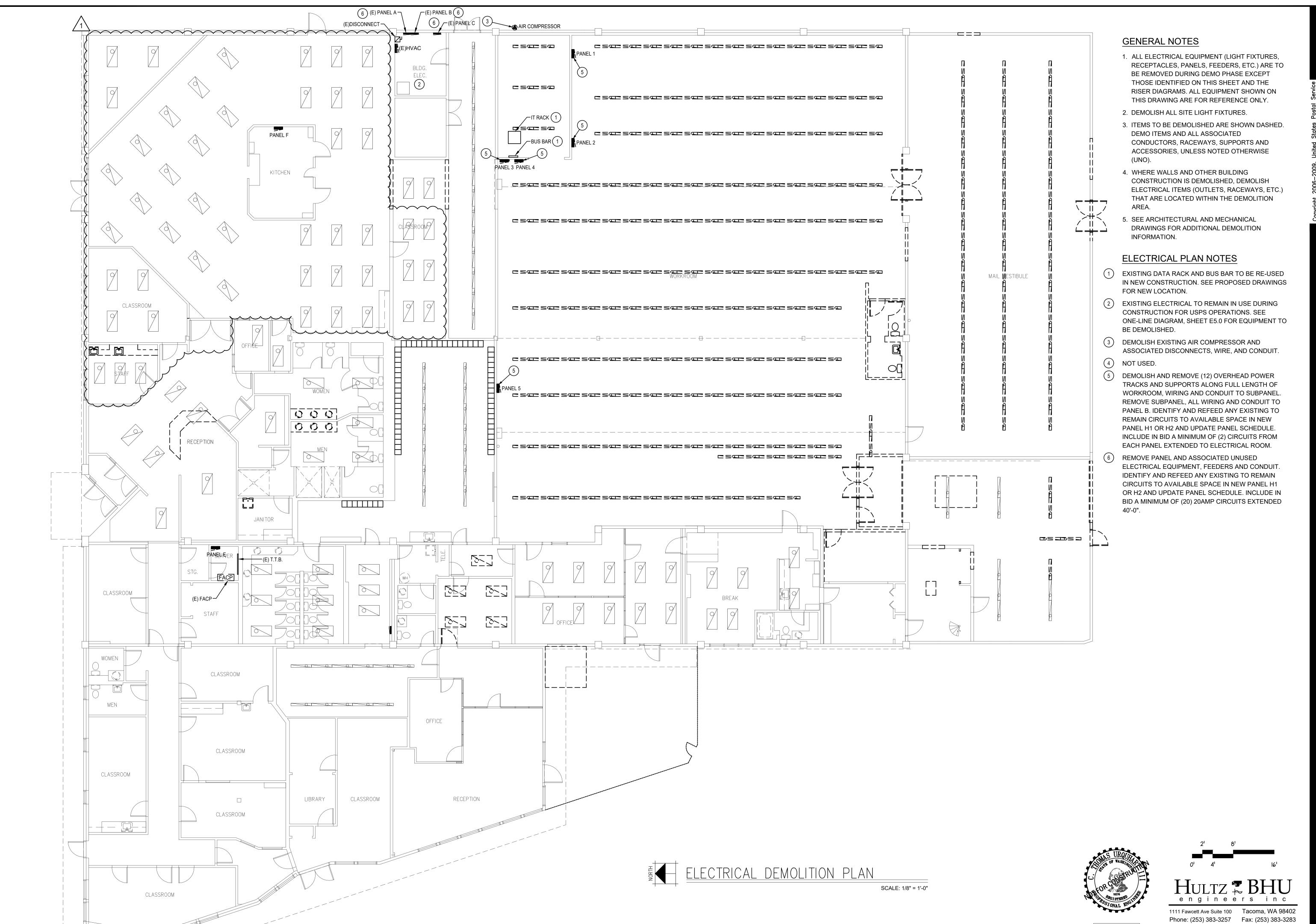
1. CONTRACTOR TO VERIFY EXISTING PANEL CIRCUITING AND EXISTING TO-REMAIN CIRCUITS. ADJUST CIRCUIT NUMBERING AS NECESSARY TO ACCOMMODATE NEW CIRCUITS AND PROVIDE UPDATED PANEL SCHEDULE.



1111 Fawcett Ave Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 19-096.1

EO.3



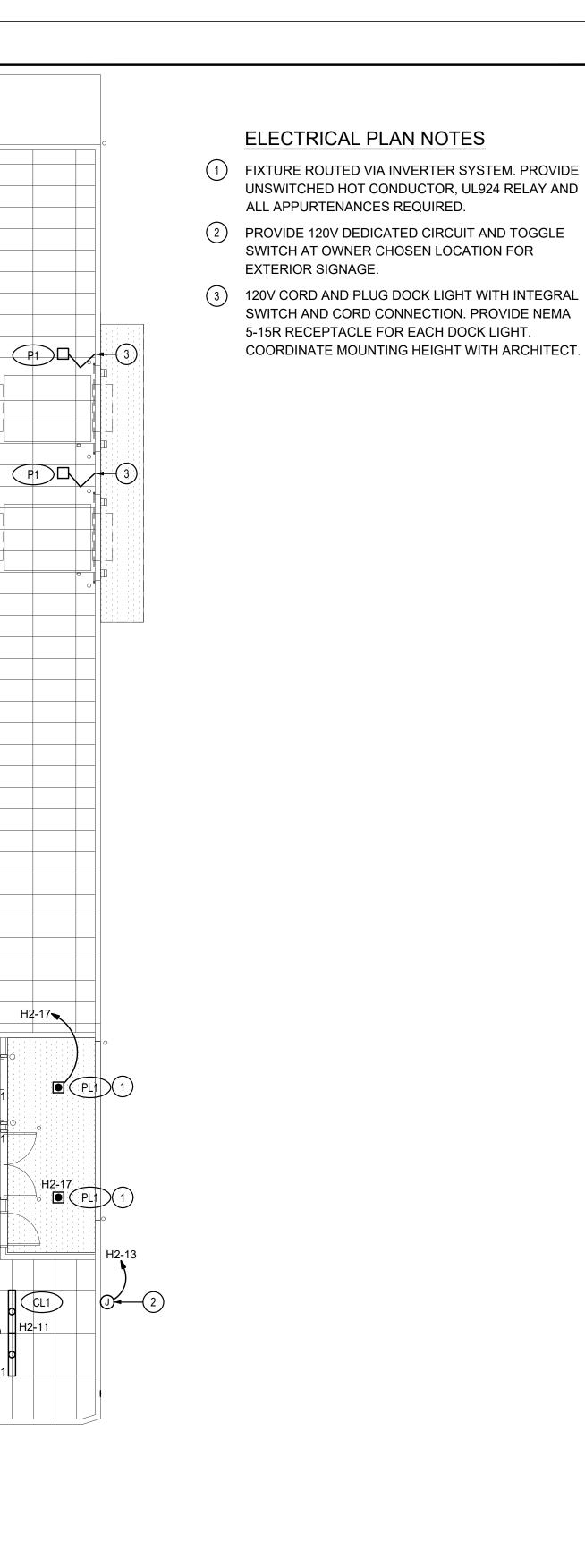


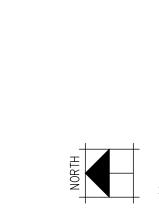
general@hultzbhu.com Job Number: 19-096.1



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O. ∞





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a 101A

A1

(TYP.) H2-1

H2-3

H2-3

H2-23

X1

(3)

<u>(3)</u>

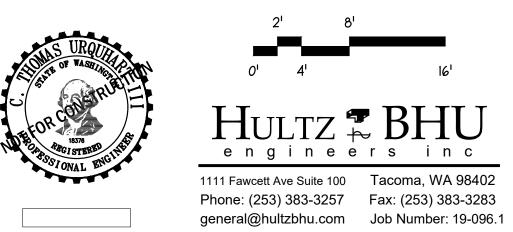
A1

(TYP.)

ELECTRICAL LIGHTING PLAN

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







WORK ROOM 101B

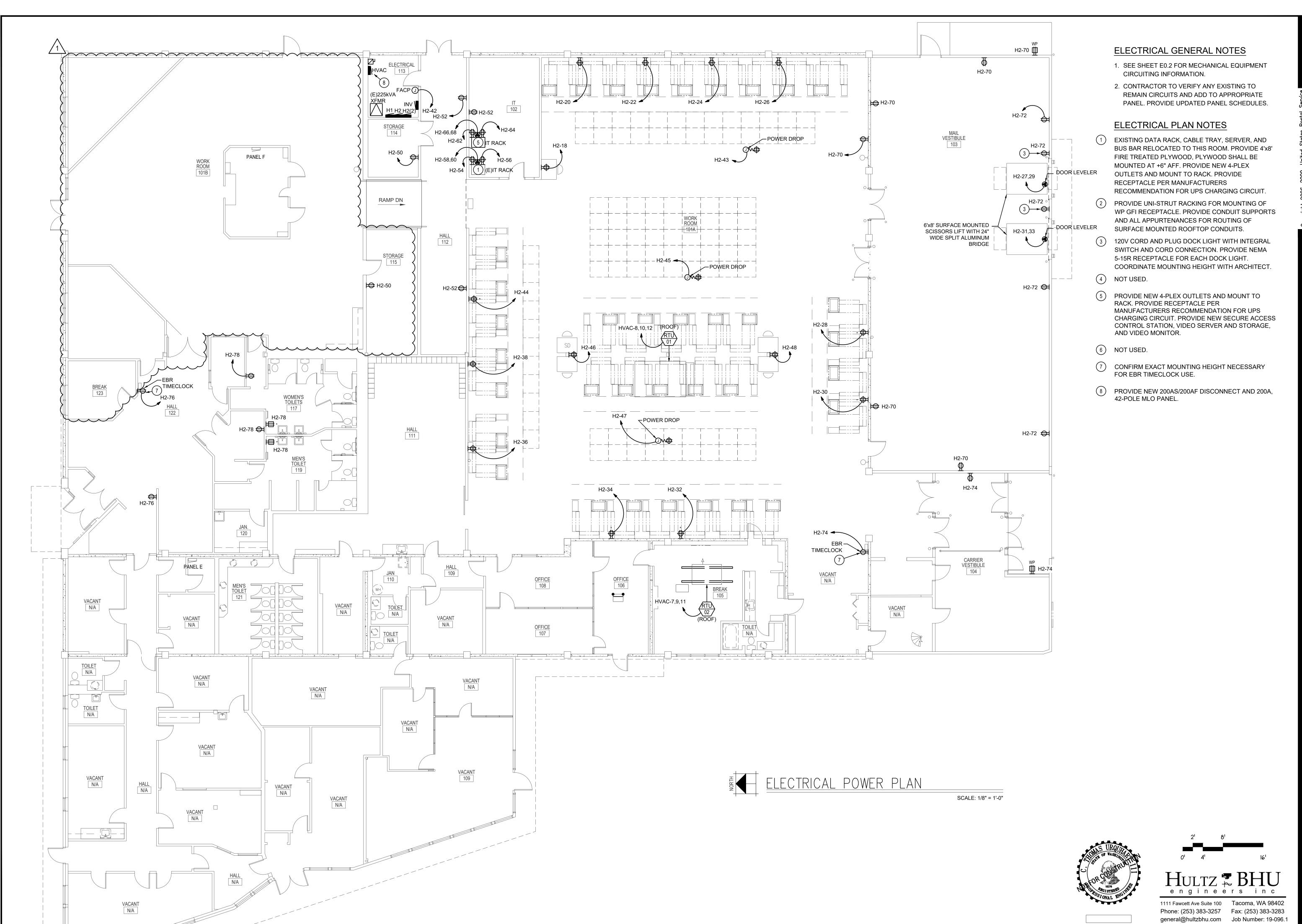
225kVA

f X2

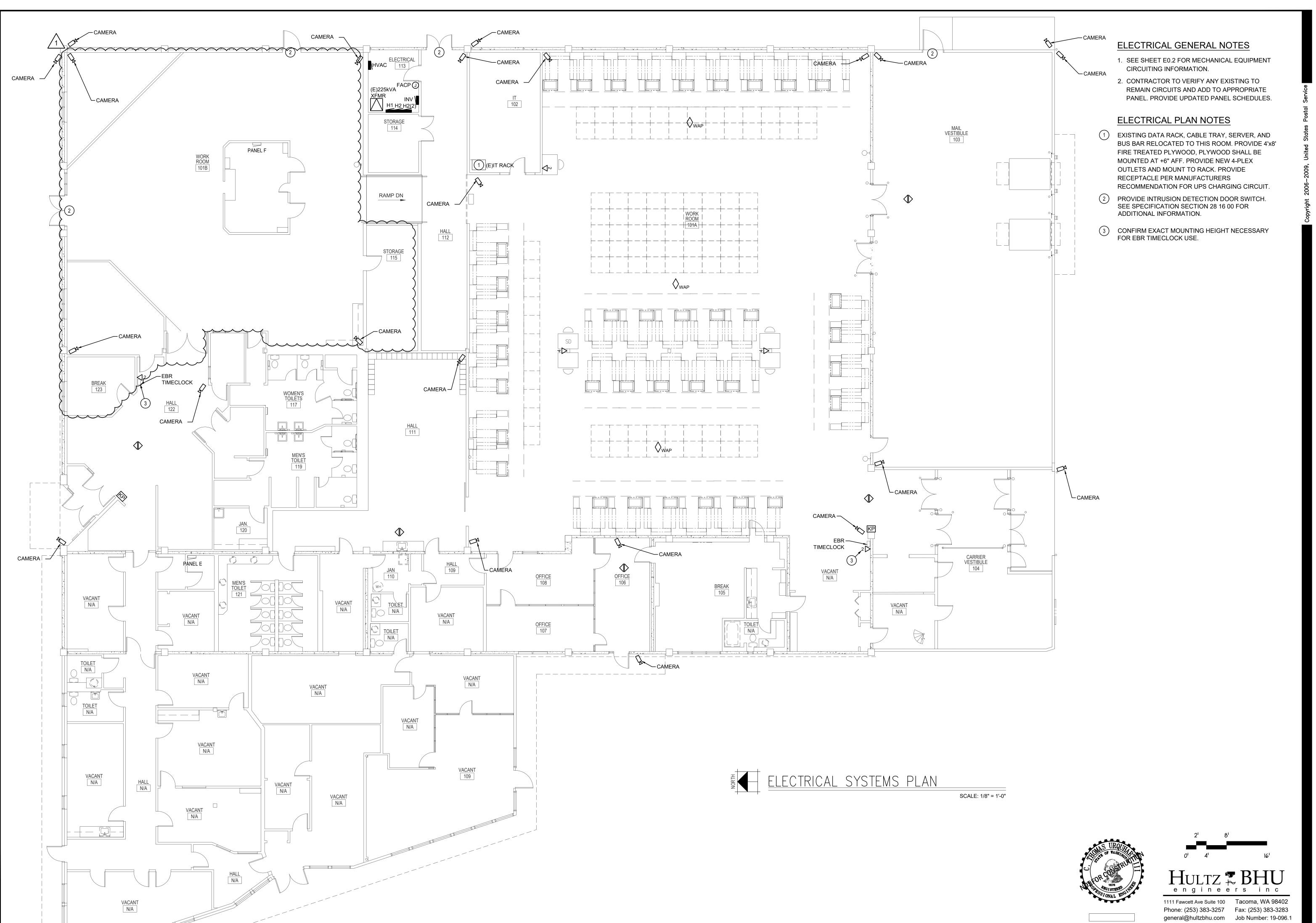
INV-1

.|♦⊗∳

H2-5







0.1 **E**4

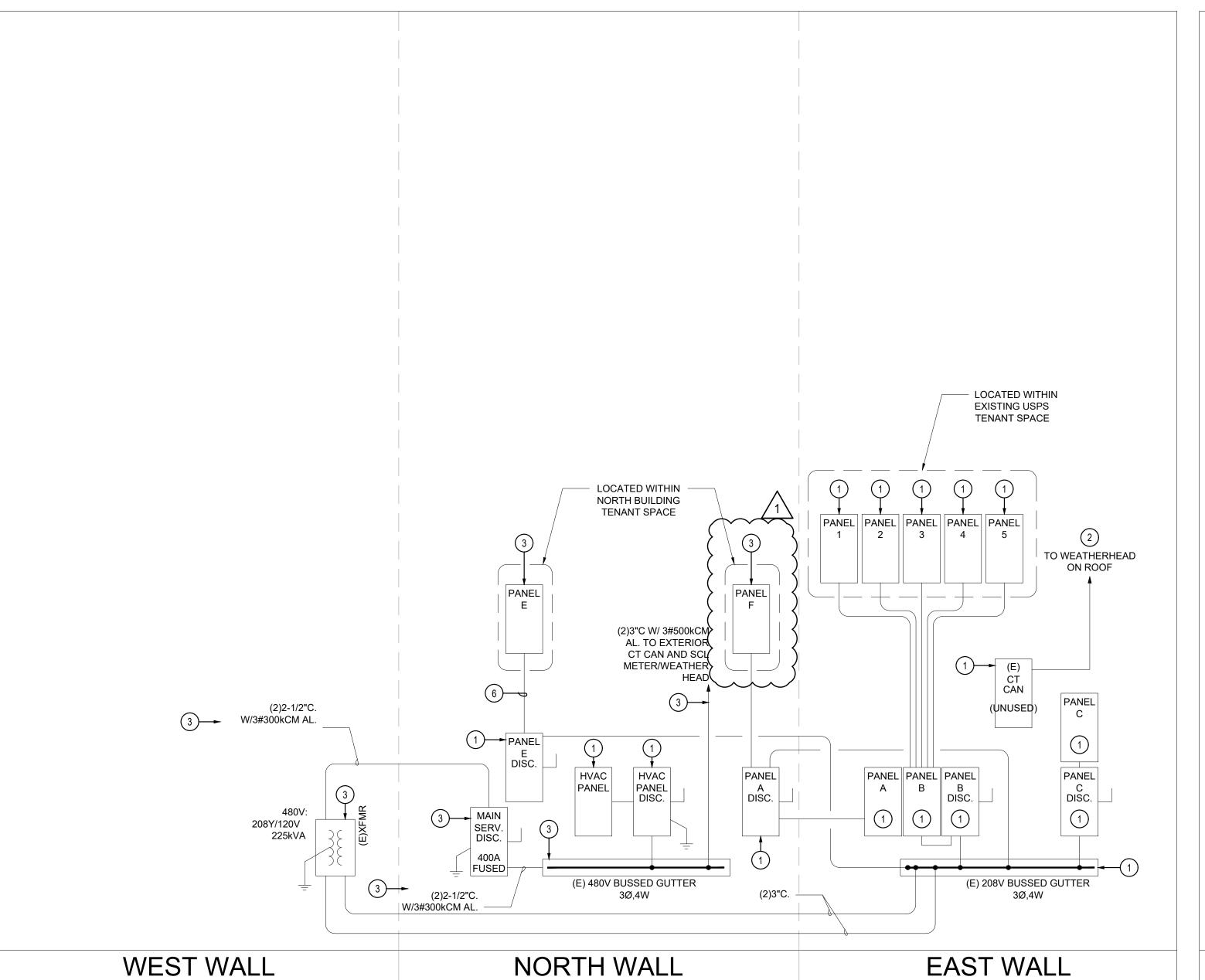
5.0 Electrica

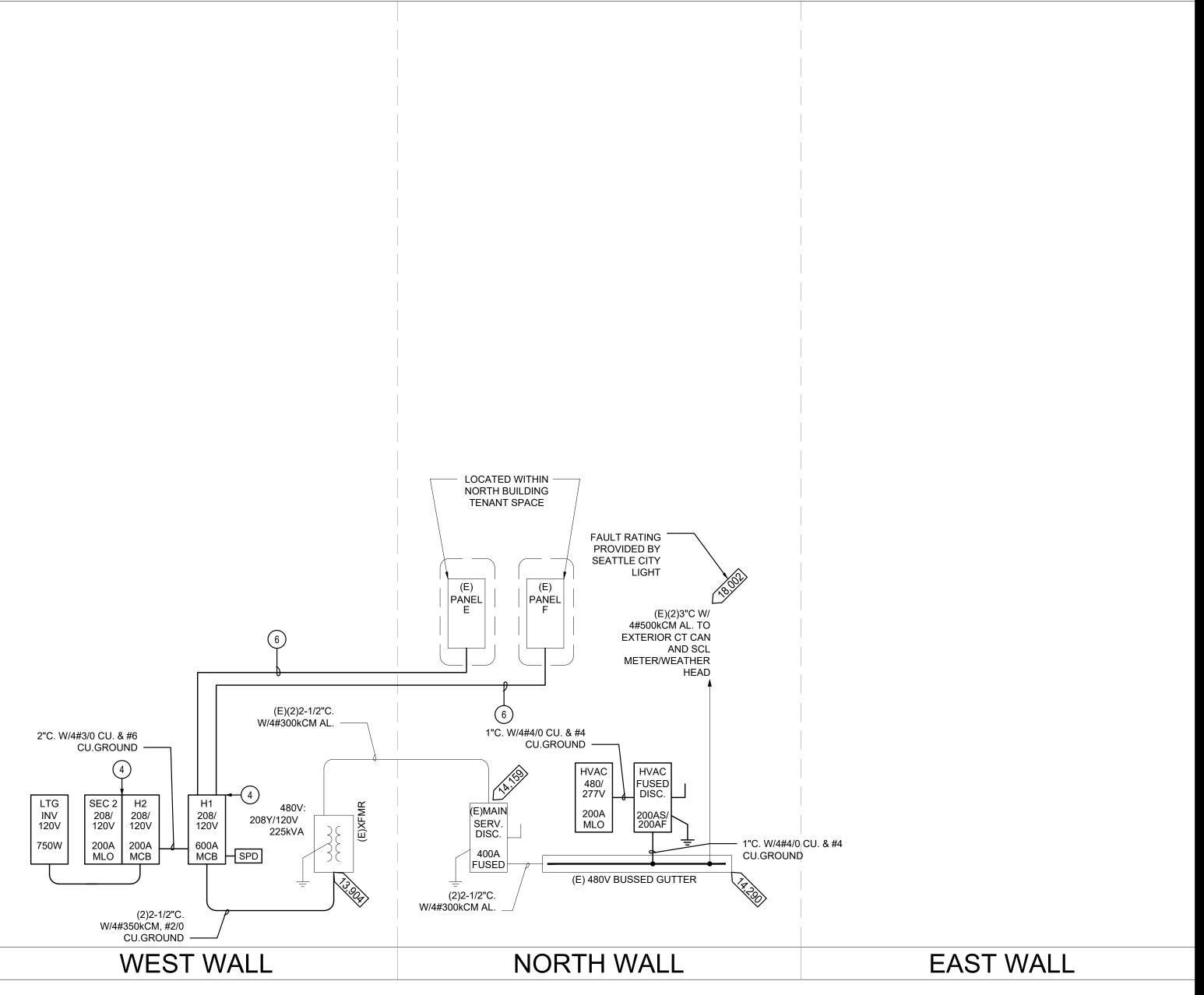
GENERAL SHEET NOTES:

- 1. EXISTING SERVICE WIRE IS ALUMINUM.
- 2. PARTS OF BUILDING TO REMAIN OPERATIONAL DURING CONSTRUCTION. COORDINATE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT.
- 3. SHORT CIRCUIT CURRENT RATINGS BELOW 10,000, NOT SHOWN.

SHEET BUBBLE NOTES:

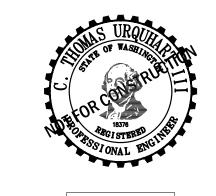
- 1 DEMOLISH AND REMOVE EXISTING ELECTRICAL EQUIPMENT AND ASSOCIATED FEEDERS.
- 2 PATCH AND REPAIR HOLE IN ROOF FROM REMOVED WEATHER HEAD
- (3) EXISTING EQUIPMENT TO REMAIN.
- 4 PROVIDE NEW PANEL AND ASSOCIATED FEEDERS.
- 5 NOT USED.
- 6) RE-FEED FROM NEW PANEL H1.





(E) ELECTRICAL DISTRIBUTION DIAGRAM

(N) ELECTRICAL DISTRIBUTION DIAGRAM



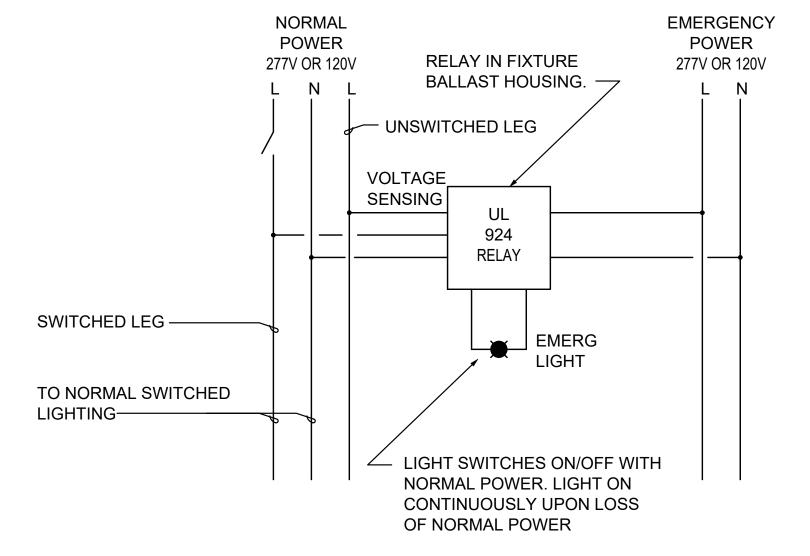
INTERIOR LIGHTING AND RECEPTACLE CONTROL SCHEDULE

			MANU	AL CO	NTRO	L			Al	JTOMA	ATIC C	ONTRO	DL			¥	
ROOM#	ROOM NAME	LINE VOLTAGE SW	LOW VOLTAGE SW	DIMMING	SCENE SW	50% TIME SW REDUCTION	MANUAL ON	AUTO ON	WALL SW SENSOR	CEILING SENSOR	LT FIXTURE SENSOR	RELAY CONTROL PNL	WALL BOX TIME SWITCH	DAYLIGHT SENSOR	50% RECPT LOAD CNTRL	EMERGENCY TRANSFER RELAY	REMARK
101A	WORK ROOM		х			Х				Х						Х	NOTE 2
102	Π	х						Х		Х							
103	MAIL VESTIBULE		х			х				Х						Х	NOTE 2
104	CARRIER VESTIBULE		х					Х		Х						Х	
105	BREAK		х	Х				Х		х				Х		Х	
106	OFFICE		х	Х				Х		Х							
107	OFFICE		х	Х				Х		Х				Х			
108	OFFICE		х	Х				Х		Х							
109	HALL	х						Х		Х							
-	VACANT N/A		х					Х		Х							
-	VACANT N/A	х						х		Х							
_	VACANT N/A	х						Х		Х							
111	HALL		Х					Х		Х						х	
112	HALL		Х					Х		Х							
113	ELECTRICAL	Х					Х										
114	STORAGE	х						Х	х								
117	WOMEN'S TOILET	х						Х	х	Х							
119	MEN'S TOILET	х						х	х	Х							
121	MEN'S TOILET	х						Х	х	Х							
122	HALL		X					X		х						Х	

1 PROVIDE AUTOMATIC ON CONTROL UNDER WSEC C405.2.1.1 EXCEPTION (NO WINDOWS). 2 LOW VOLTAGE DIGITAL TIMER SWITCH CONTROLS ALTERNATATING LIGHT FIXTURES FOR HIGH ILLUMINATION OPTION

SURFACE MOUNTED J-BOXES, MOUNT PER CODE STAINLESS STEEL CABLE TWIST LOCK 20A 120V RECEPTACLE AND STAINLESS STEEL SPRING STAINLESS STEEL MESH STRAIN RELIEF PER CODE - SO CORD WITH 6" SLACK - STAINLESS STEEL MESH STRAIN RELIEF PER CODE RECEPTACLE AS SHOWN ON PLANS

CORD DROP DETAIL



EMERGENCY LIGHTING POWER TRANSFER RELAY DIAGRAM

