

REVISIONS		
DATE	DESCRIPTION	INITIALS

**City of Fort Walton Beach**  
 107 MIRACLE STRIP PKWY SW - FORT WALTON BEACH, FL 32548  
**FORT WALTON HOUSING AUTHORITY**  
**ELEANOR JOHNSON**  
**ADA BATHROOM FACILITIES**  
 FY 2015-2016

**PROJECT XXXXX**

**UTILITIES NOTE**

FIELD VERIFY LOCATION OF EXISTING UTILITIES AND COORDINATE WITH UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION.

**UTILITY COMPANIES**

CONTRACTOR SHALL HAVE ALL EXISTING BURIED UTILITIES LOCATED BY CALLING 1-800-432-4770 "CALL SUNSHINE" OR BY CONTACTING LOCAL UTILITY COMPANIES.

**WATER & SEWER:** CITY OF FORT WALTON BEACH  
CONTACT: DANIEL PAYNE  
PHONE: (850) 833-9615

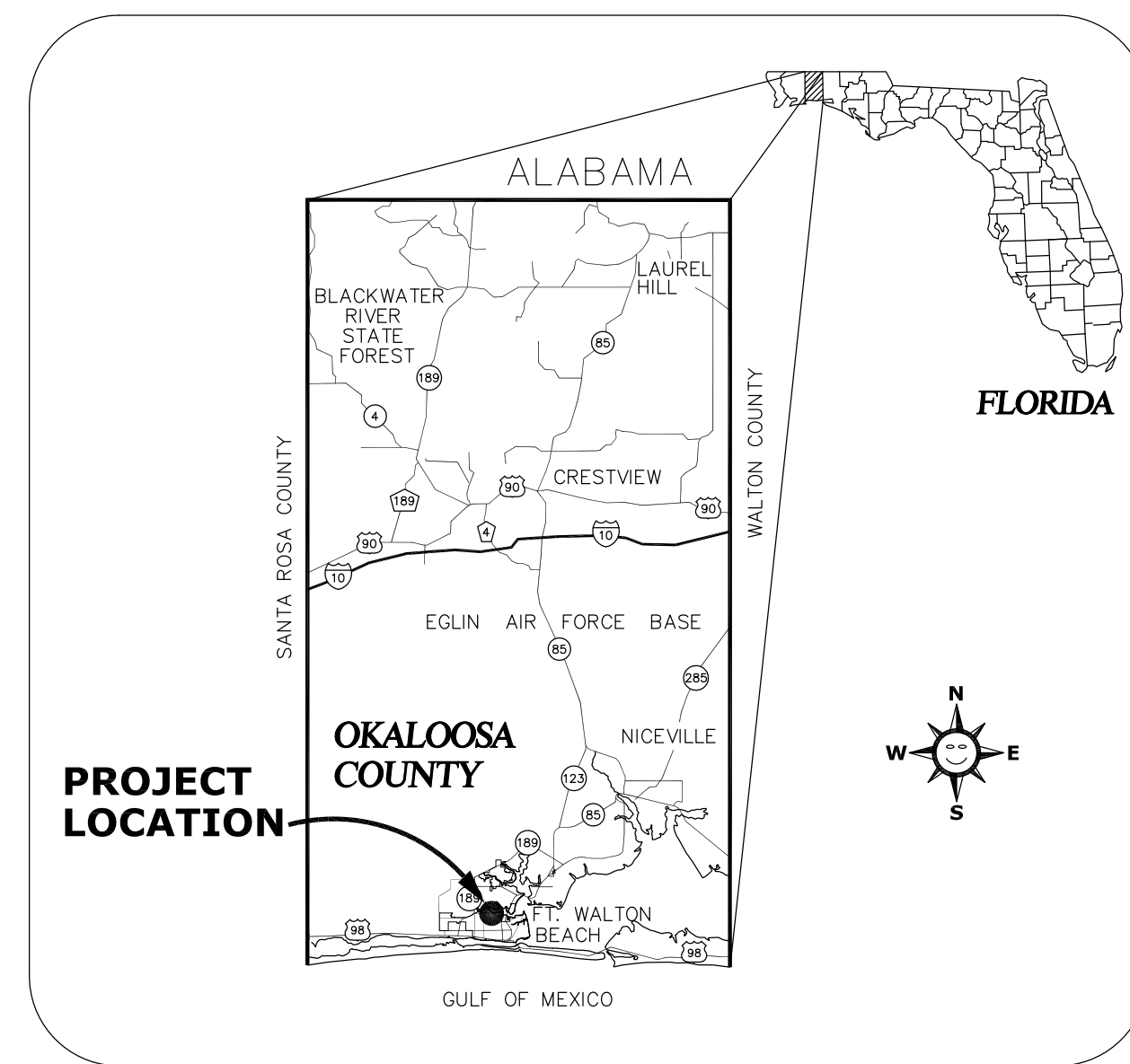
OKALOOSA COUNTY  
CONTACT: JOSH LUKE  
PHONE: (850) 651-7176

**ELECTRIC:** GULF POWER  
CONTACT: MARK REEVES  
PHONE: (850) 689-4618

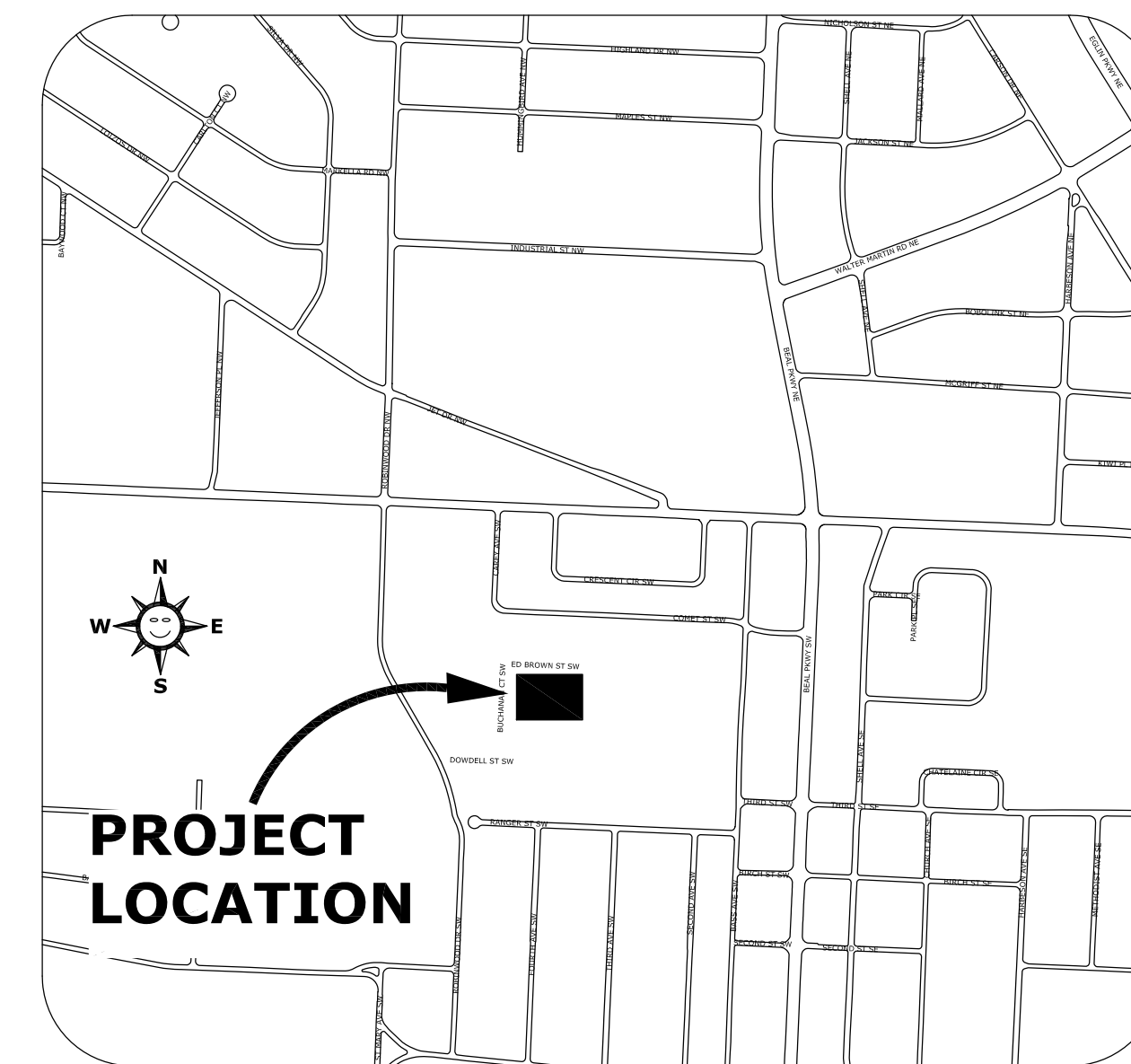
**GAS:** OKALOOSA GAS DISTRICT  
CONTACT: ESSA RHEBI  
PHONE: (850) 729-4864  
LINE SPOT: (850) 729-4880

**CABLE T.V.:** COX COMMUNICATION  
CONTACT: RODGER DIXON  
PHONE: (850) 314-8163  
LINE SPOT: (850) 862-4144

**TELEPHONE/FIBER** CENTURY LINK  
CONTACT: MIKE BELL  
PHONE: (850) 664-3608  
LINE SPOT: (850) 742-6062



*VICINITY MAP*  
NOT TO SCALE



*LOCATION MAP*  
NOT TO SCALE

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OPTION 2 - CINDER BLOCK CONSTRUCTION

48 HOURS BEFORE YOU DIG  
CALL SUNSHINE  
1-800-432-4770



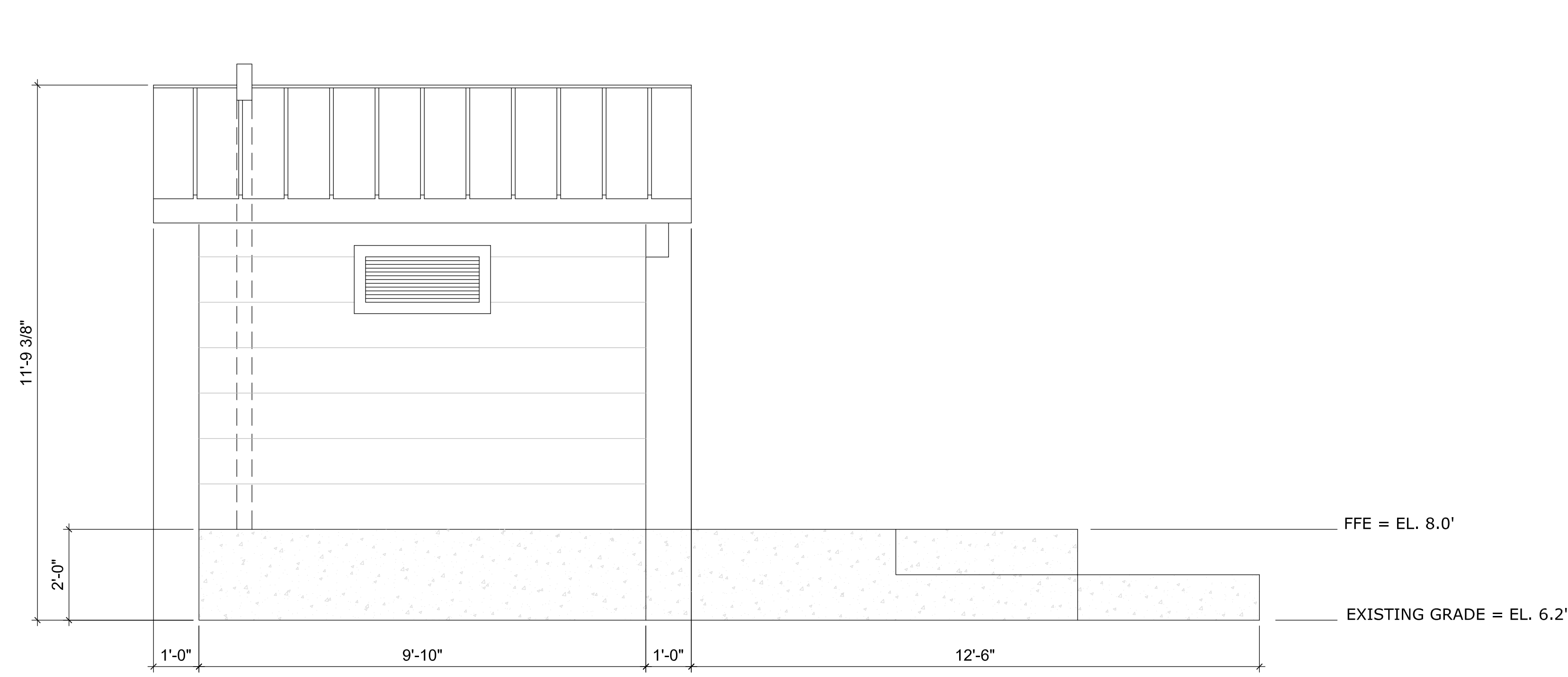
**MAYOR & CITY COUNCIL MEMBERS**

MIKE ANDERSON	MAYOR
SCOTT SMITH	COUNCIL SEAT 1
DIANE KELLER	COUNCIL SEAT 2
JOHN MEAD	COUNCIL SEAT 3
MIKE HOLMES	COUNCIL SEAT 4
AMY JAMIESON	COUNCIL SEAT 5
MG MORAN	COUNCIL SEAT 6
DICK RYNEARSON	COUNCIL SEAT 7
MICHAEL BEEDIE	CITY MANAGER

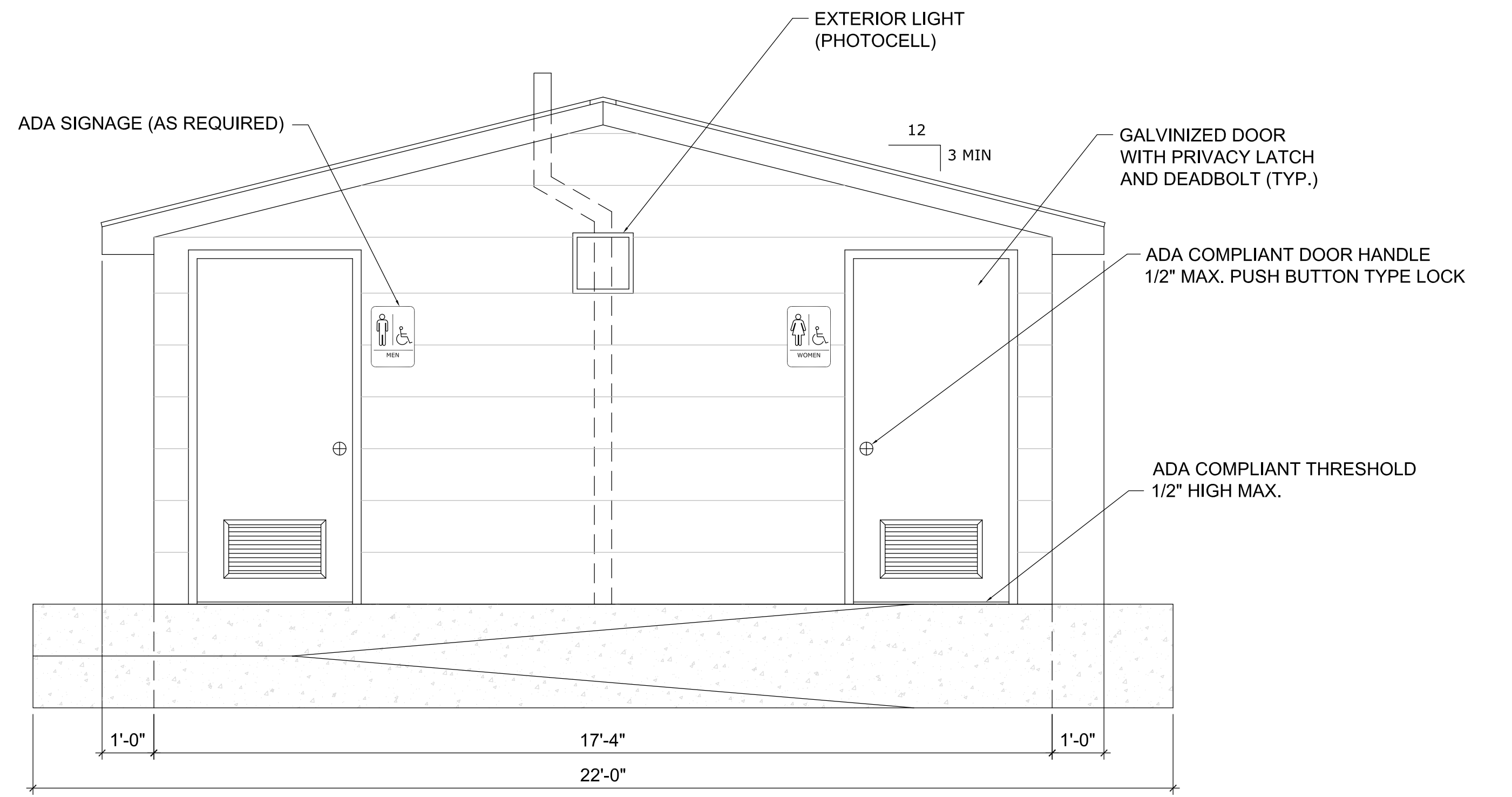
<b>City of Fort Walton Beach</b>		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES COVER PAGE		CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\SW\27A-ADA BATHROOMS.DWG		EASEMENTS:	
DATE: 4/11/2016	SCALE: NTS	PROJECT NO.: XXXXX	FIELD BOOK NO. SHEET 1 OF 13
DRAWN BY: SLH	CHECKED BY: DJP	DRAWING NO. <b>6-49</b>	

REVISIONS		
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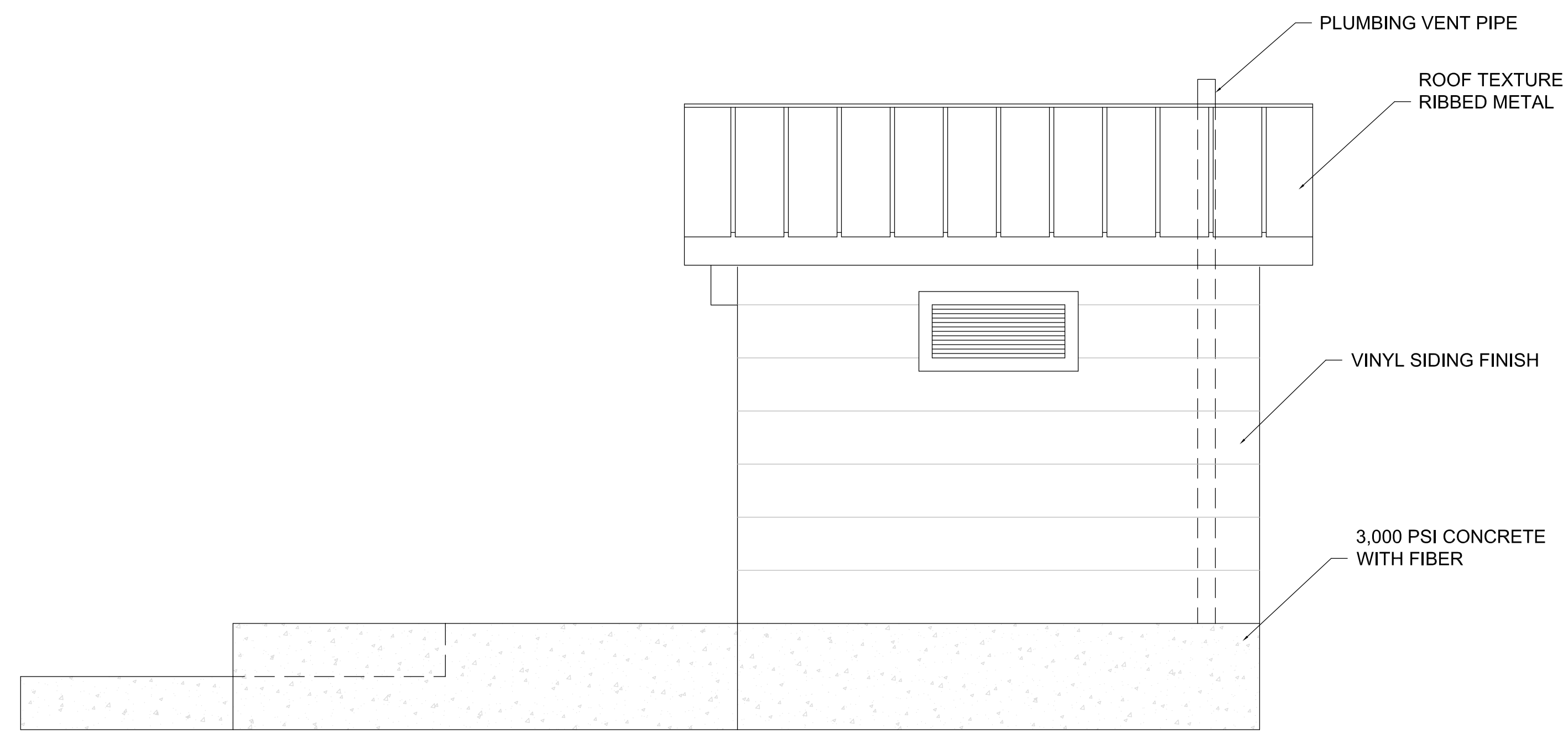
## ELEANOR JOHNSON - ADA BATHROOM FACILITIES BUILDING ELEVATIONS OPTION 1 - WOOD FRAME CONSTRUCTION



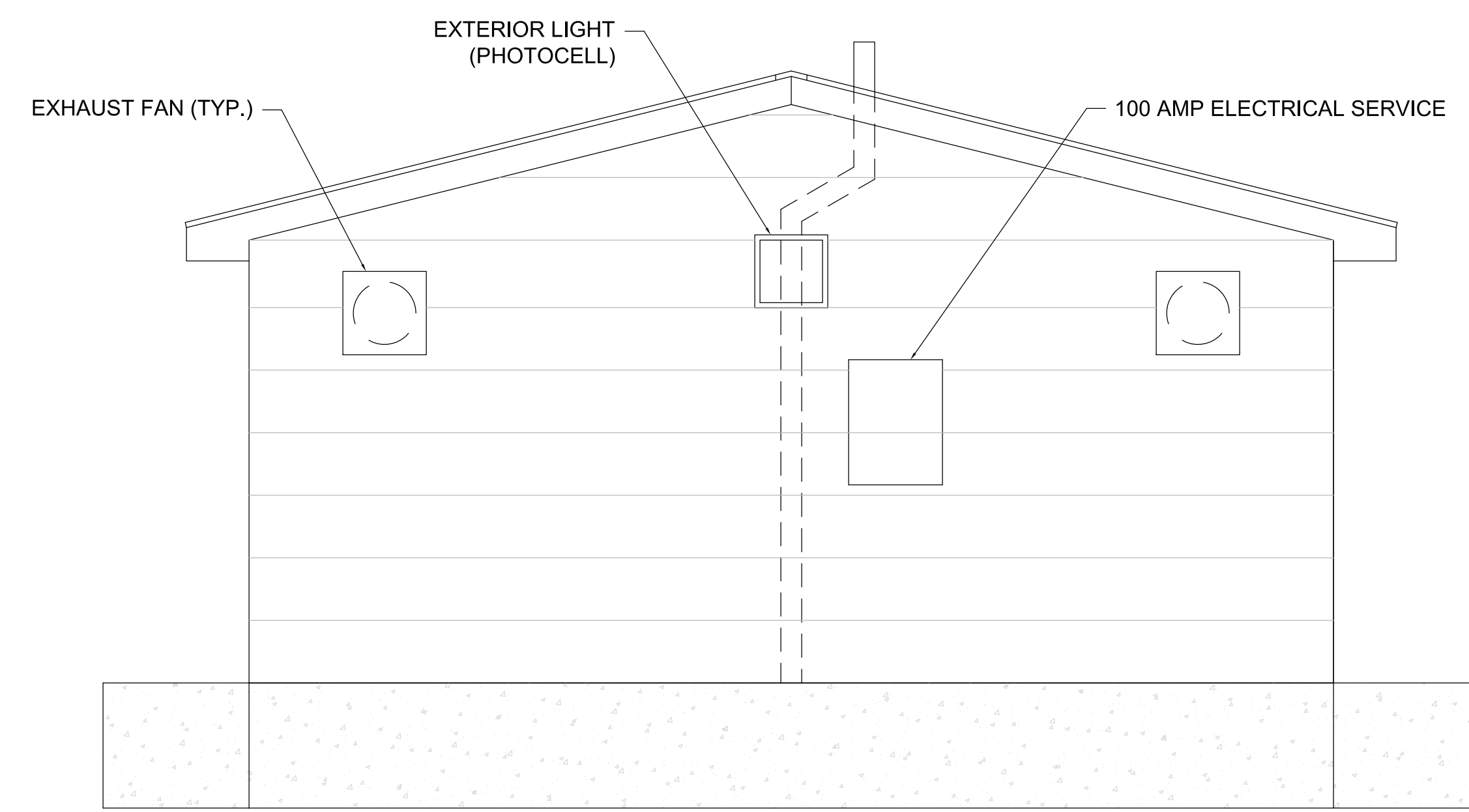
**1** EAST ELEVATION  
1/2" = 1'



**2** NORTH ELEVATION  
1/2" = 1'



**3** WEST ELEVATION  
1/2" = 1'

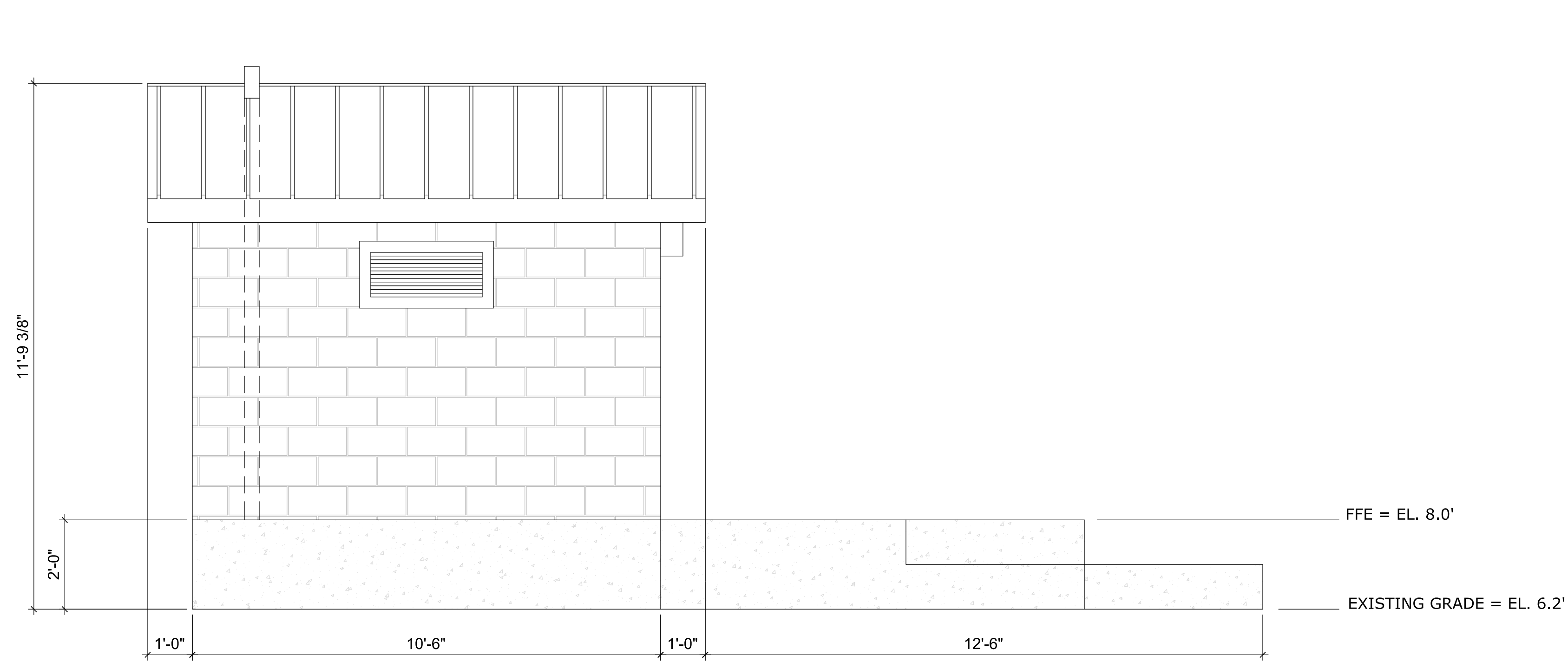


**4** SOUTH ELEVATION  
1/2" = 1'

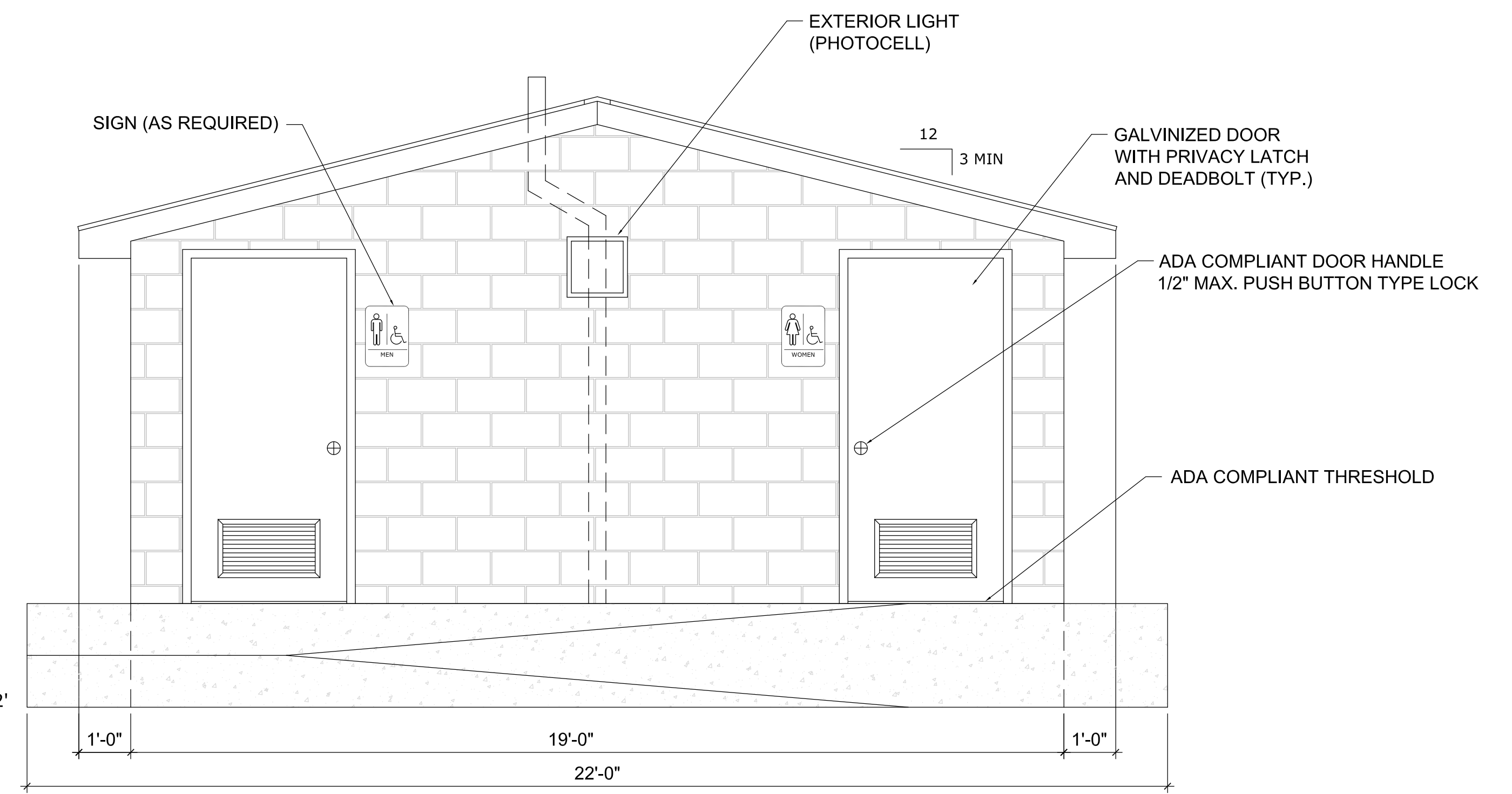
<b>City of Fort Walton Beach</b>		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
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DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.:	FIELD BOOK NO.
DRAWN BY: SLH	CHECKED BY: DJP	XXXXXX	SHEET 2 OF 13
		DRAWING NO. <b>6-49</b>	

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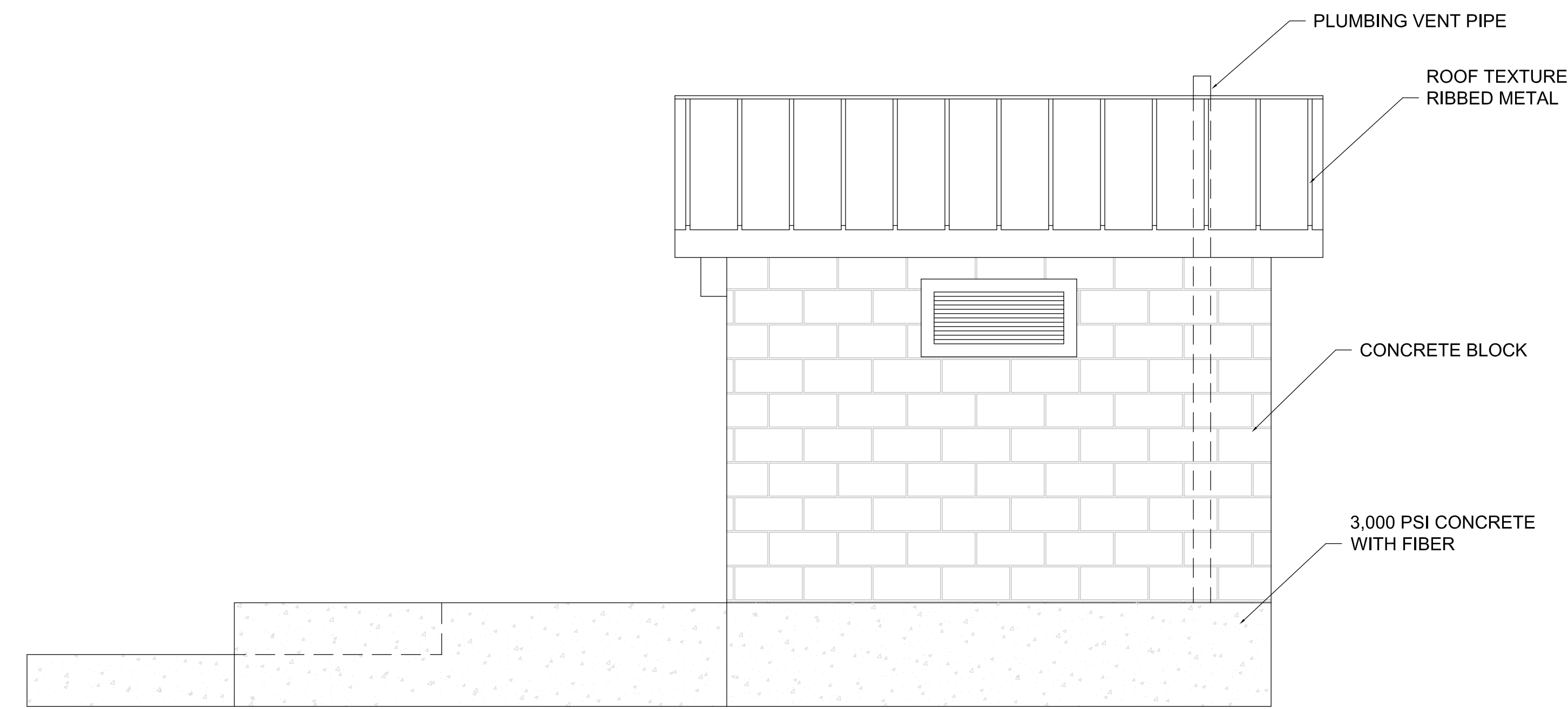
# ELEANOR JOHNSON - ADA BATHROOM FACILITIES BUILDING ELEVATIONS OPTION 2 - CINDER BLOCK CONSTRUCTION



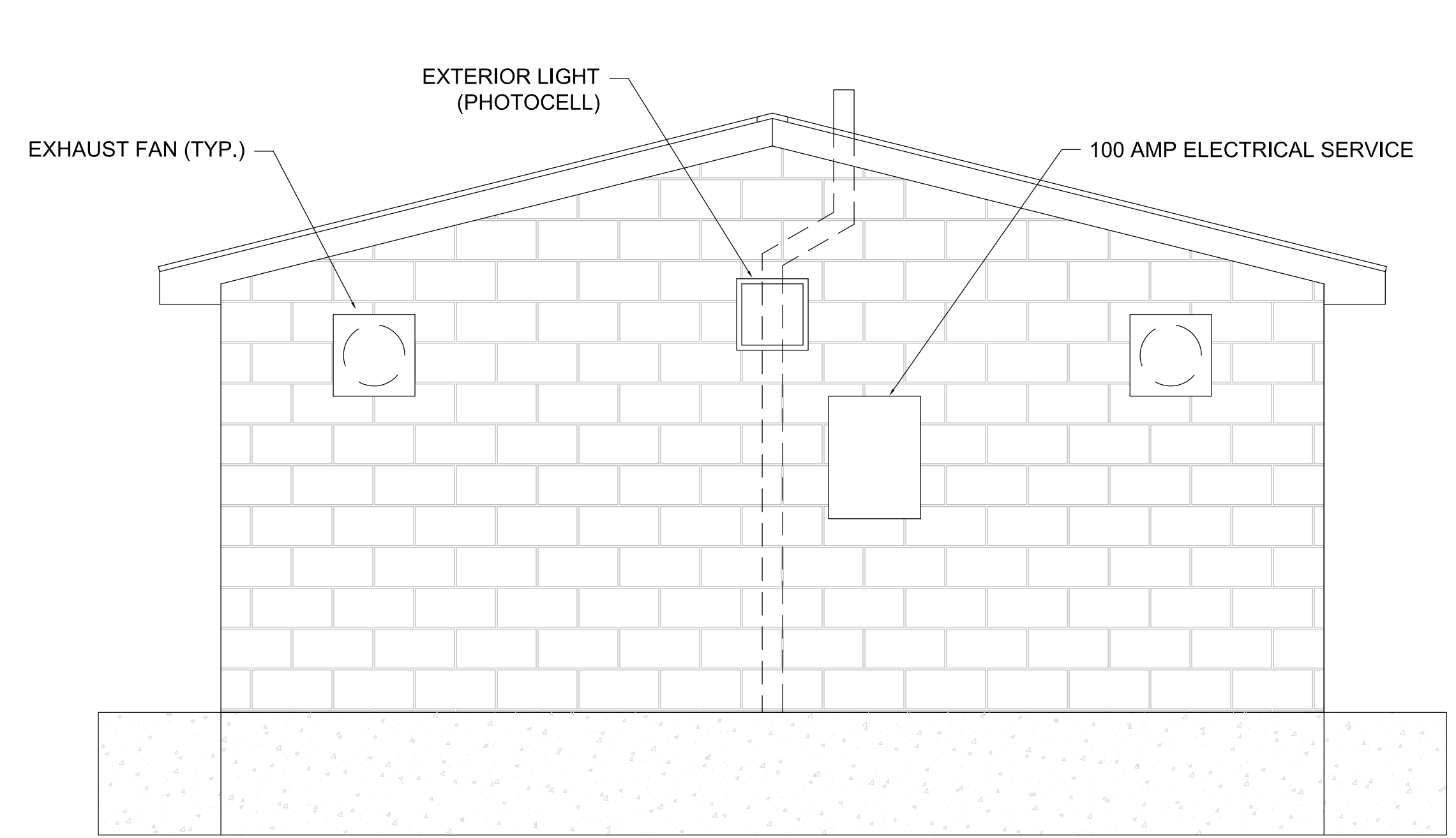
**1** EAST ELEVATION  
1/2" = 1'



**2** NORTH ELEVATION  
1/2" = 1'



**3** WEST ELEVATION  
1/2" = 1'

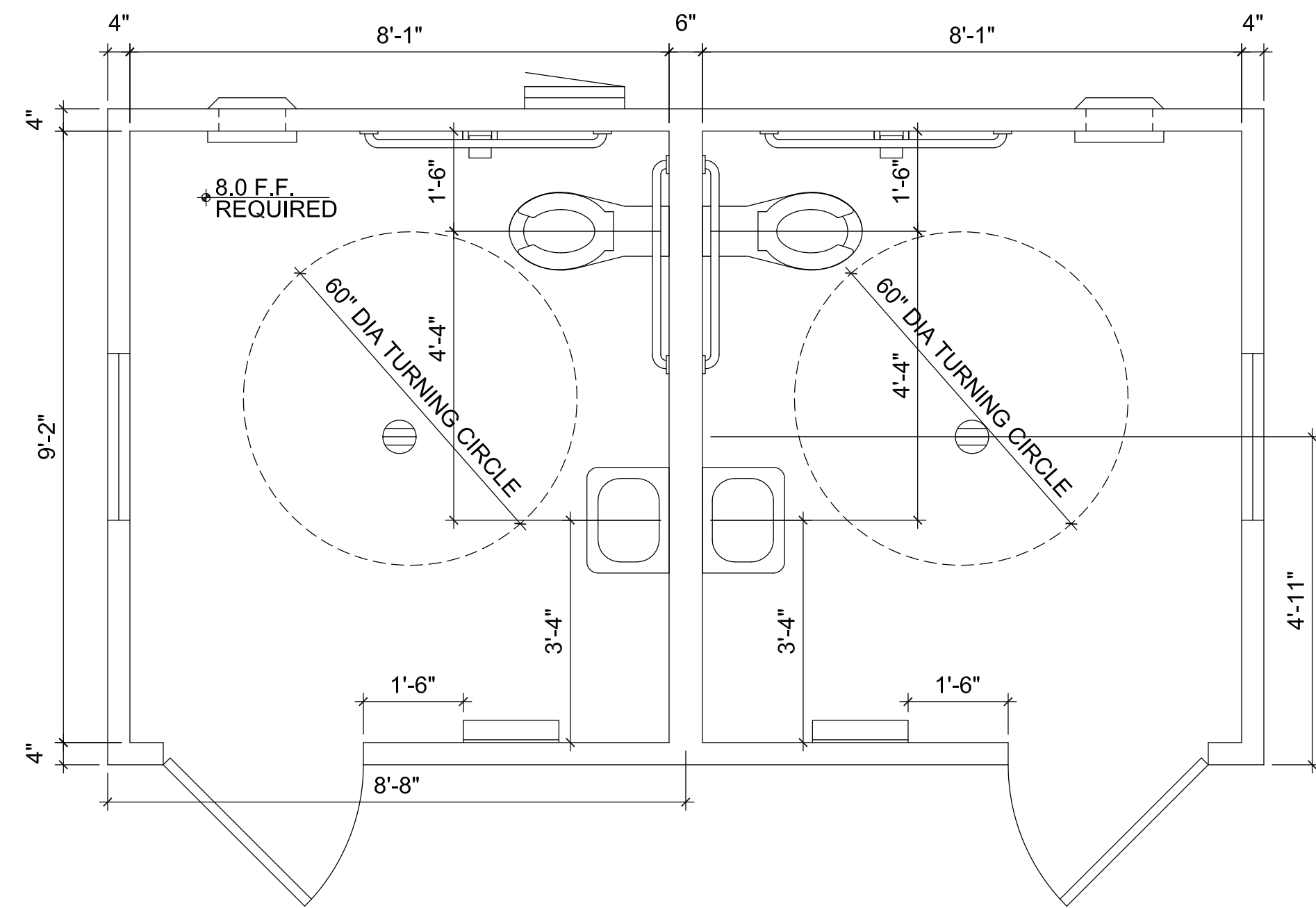


**4** SOUTH ELEVATION  
1/2" = 1'

<b>City of Fort Walton Beach</b>		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
		CONSTRUCTION DATE:	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES BUILDING ELEVATIONS - OPTION 2		EASEMENTS:	
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DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.:	SHEET 3 OF 13
DRAWN BY: SLH	CHECKED BY: DJP	XXXXX	DRAWING NO. <b>6-49</b>
			<b>2A</b>

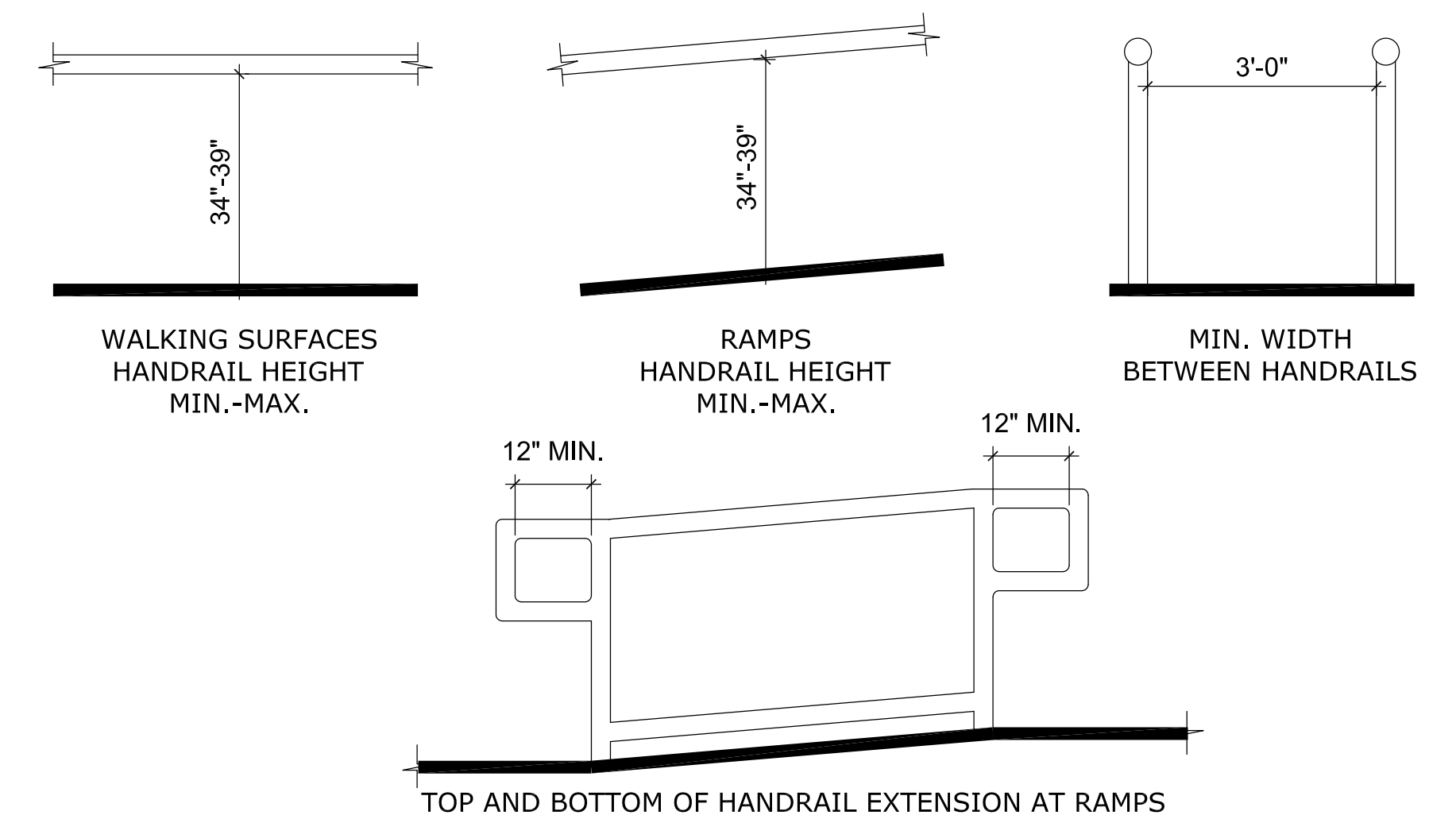
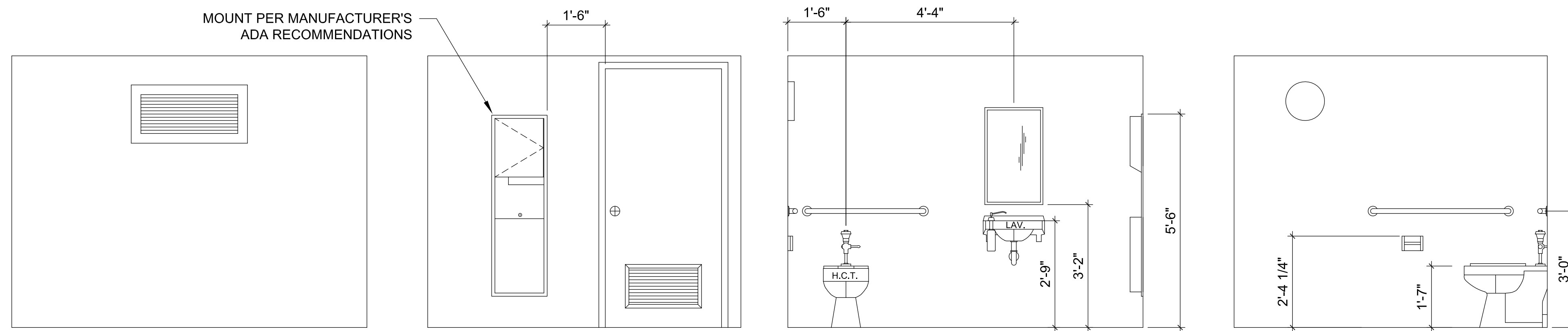
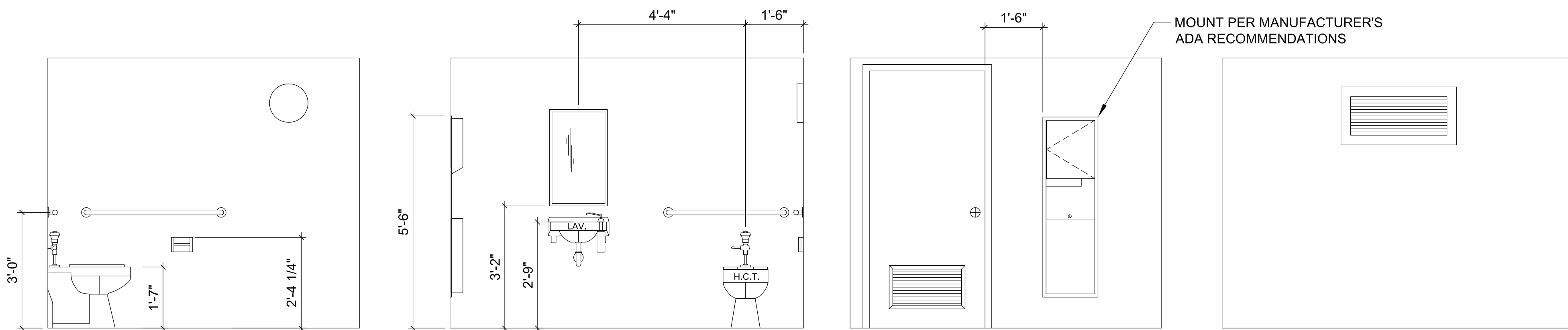
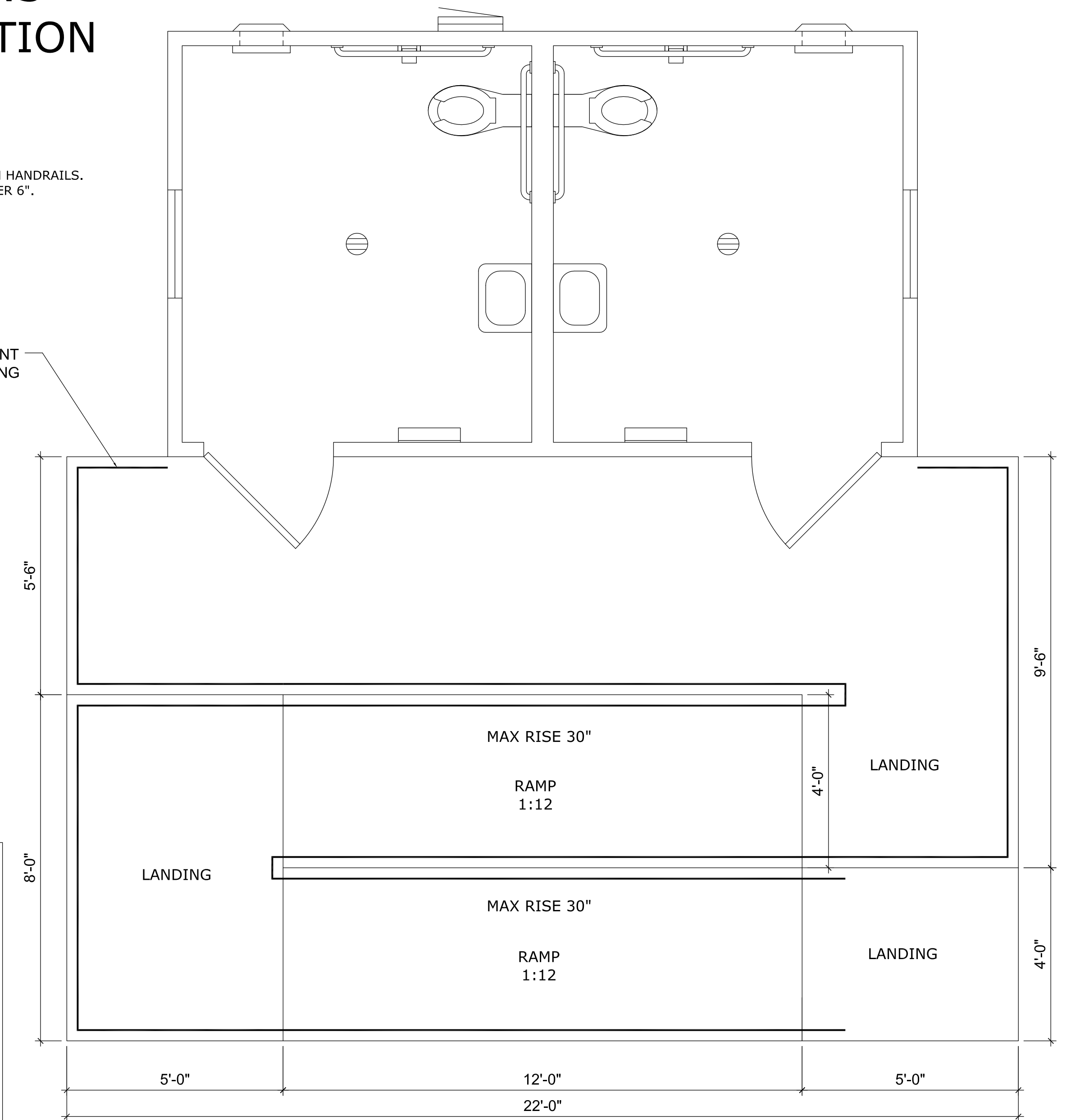
REVISIONS		
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# ELEANOR JOHNSON - ADA BATHROOM FACILITIES FLOOR PLAN / INTERIOR ELEVATIONS OPTION 1 - WOOD FRAME CONSTRUCTION



- NOTES:
1. CLEAR WIDTH OF 36" MIN. ON RAMP RUN BETWEEN HANDRAILS.
  2. HANDRAILS REQUIRED BOTH SIDES WITH RISE OVER 6".
  3. EDGE PROTECTION ON RAILING.
  4. RISE OF ANY RAMP RUN 30" MAX.

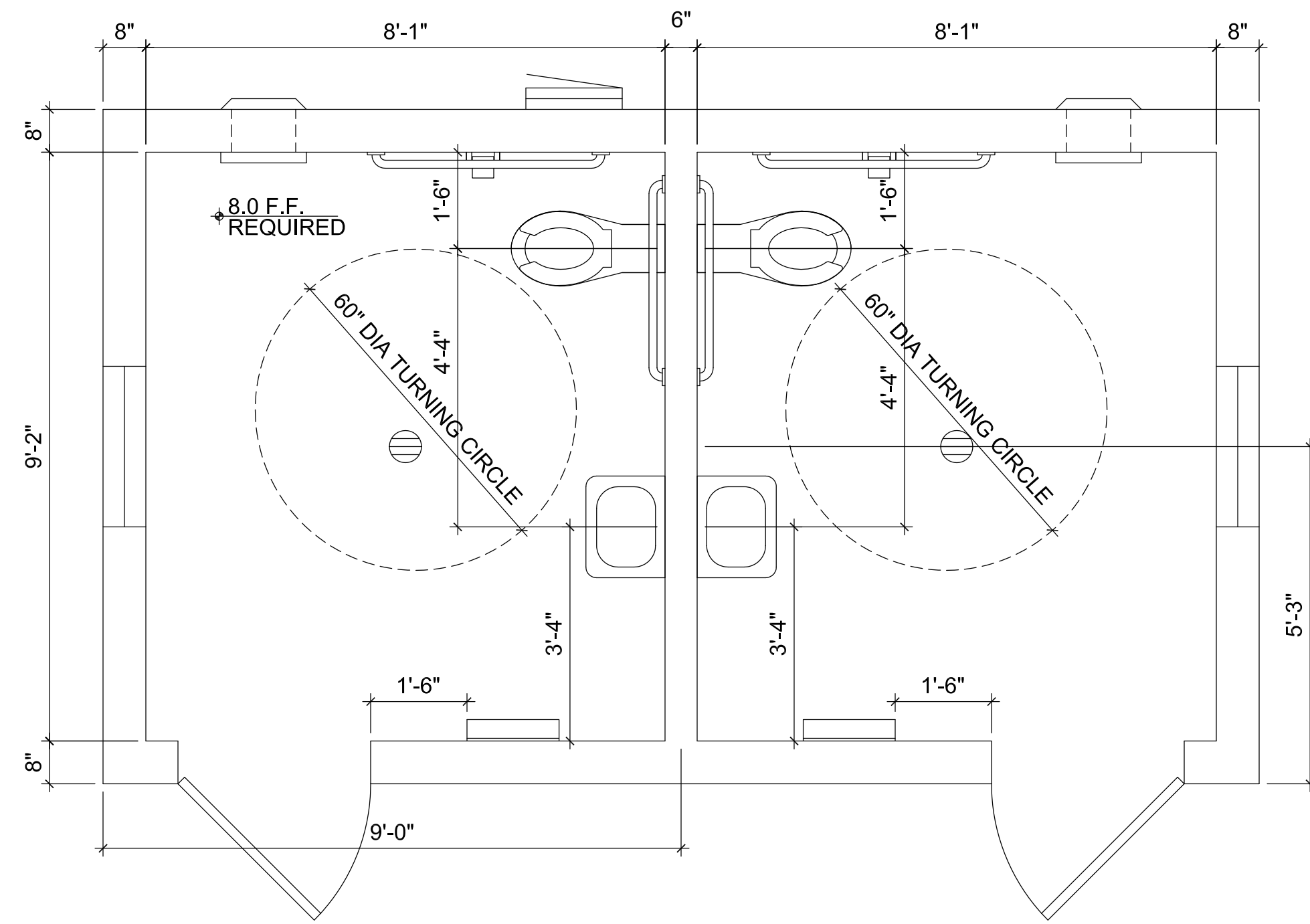
ADA COMPLIANT  
HAND RAILING



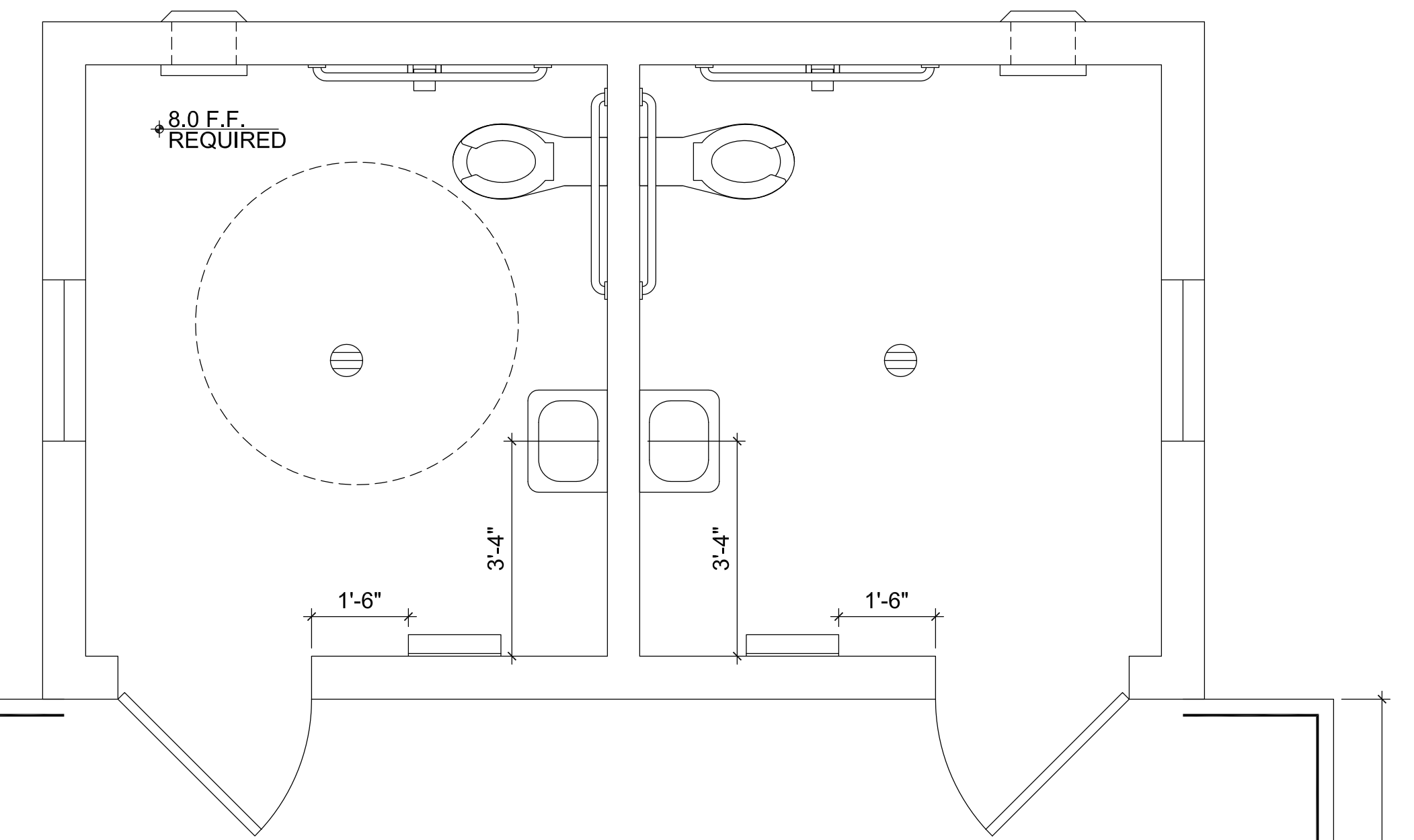
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DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.:	FIELD BOOK NO.
DRAWN BY: SLH	CHECKED BY: DJP	SHEET 4 OF 13	DRAWING NO. 6-49
		<b>3</b>	

REVISIONS		
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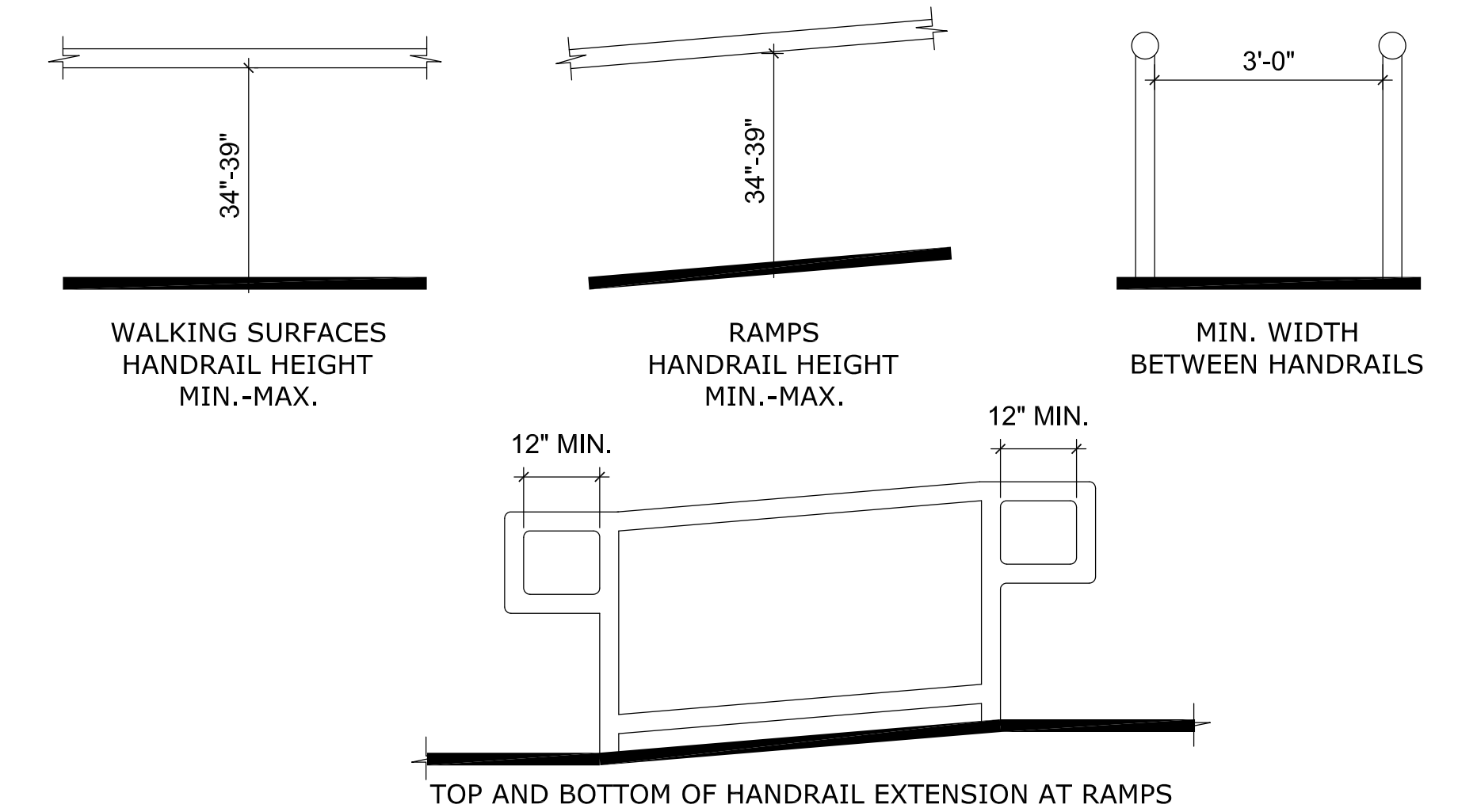
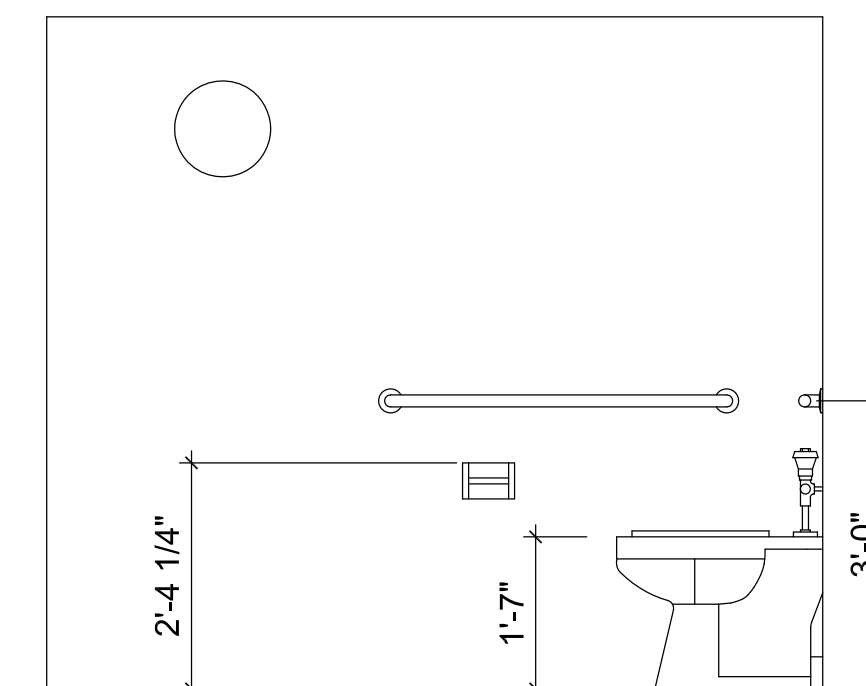
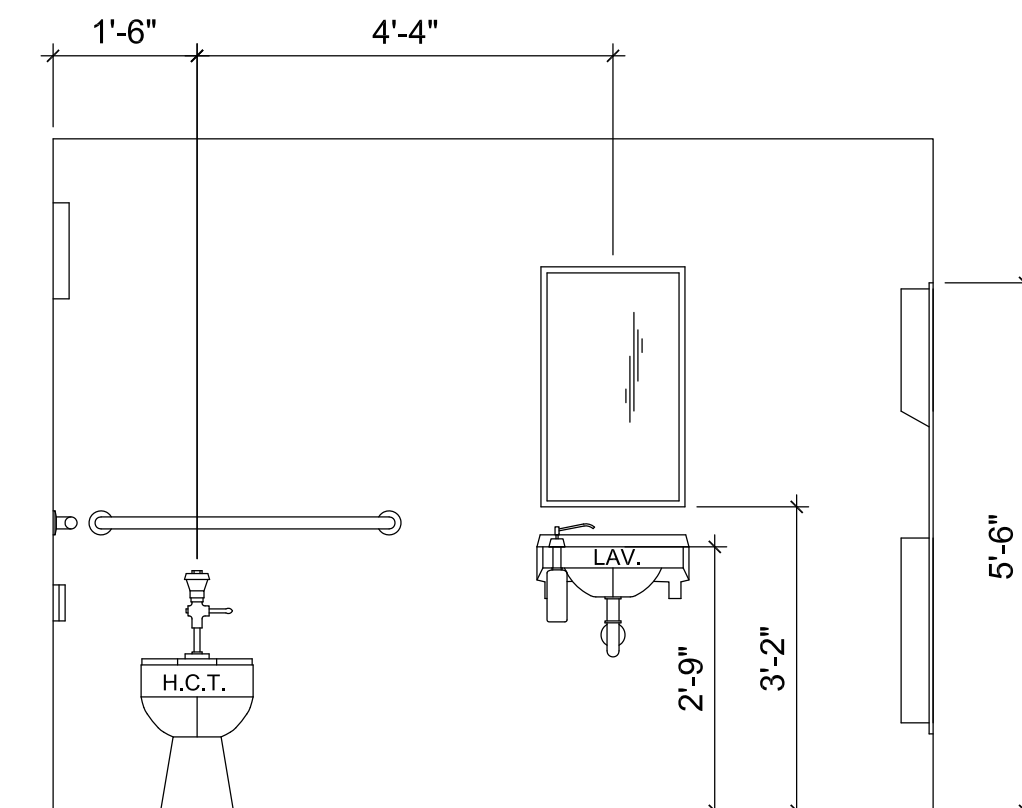
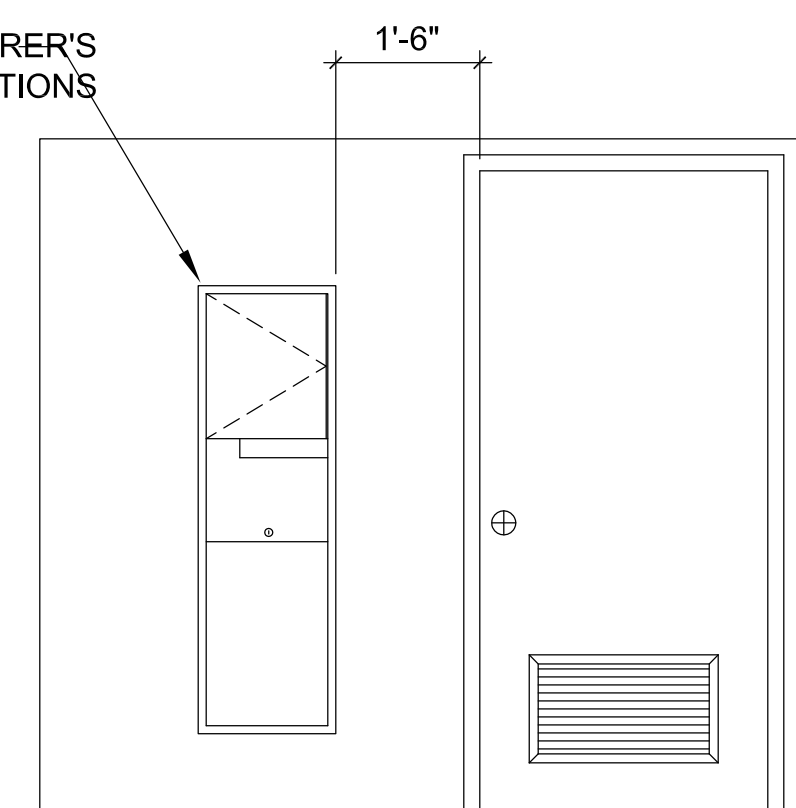
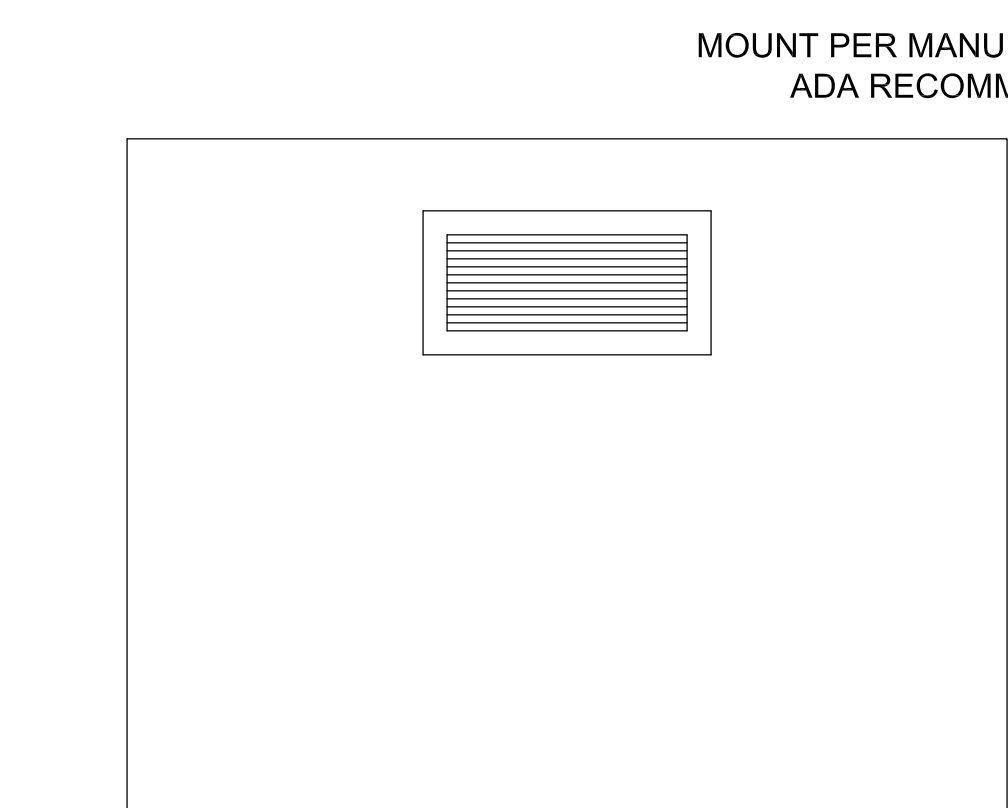
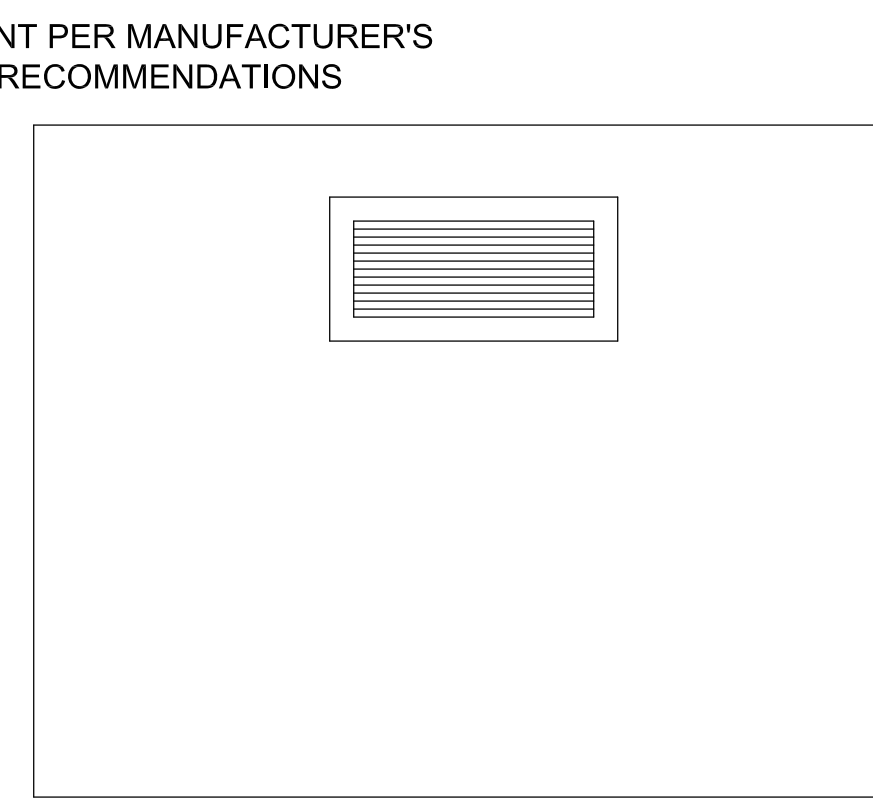
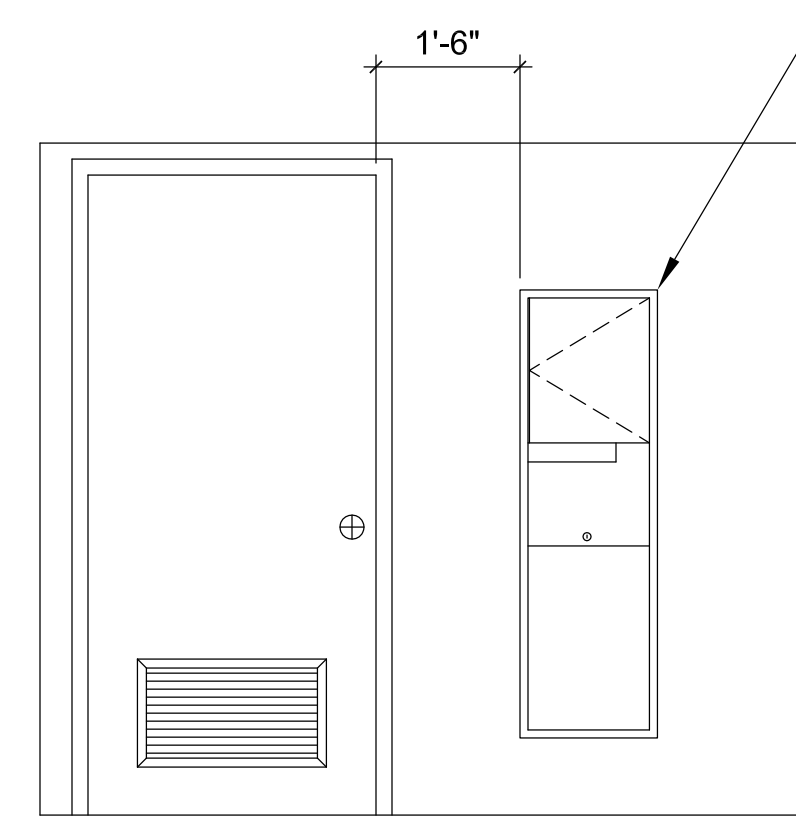
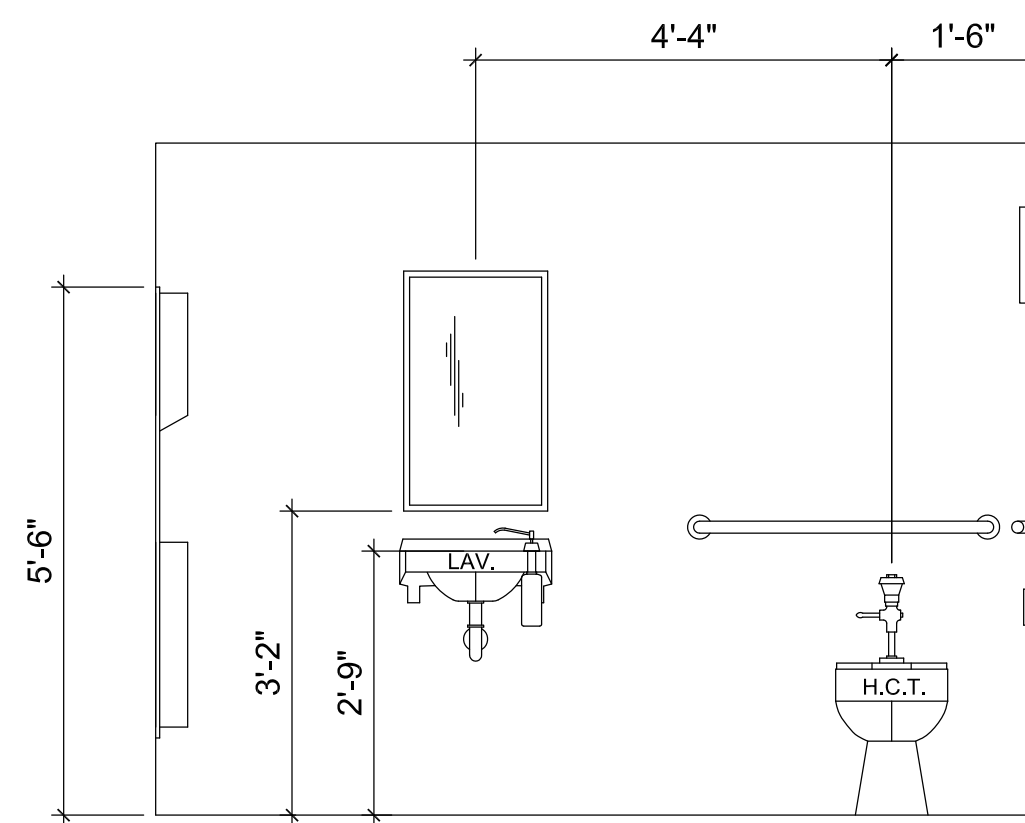
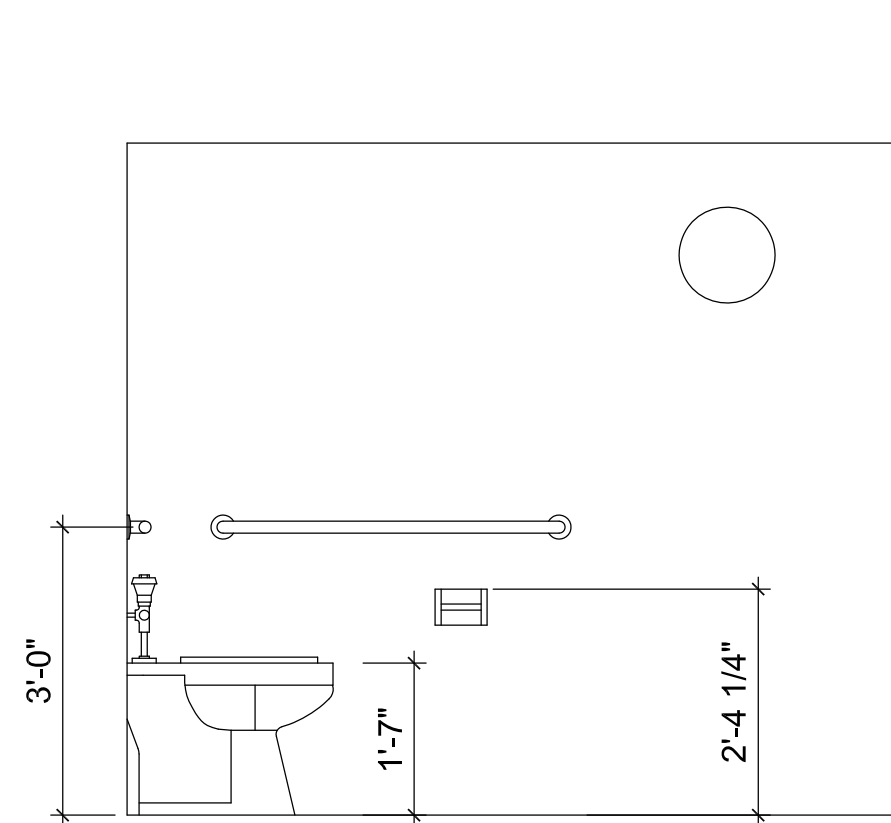
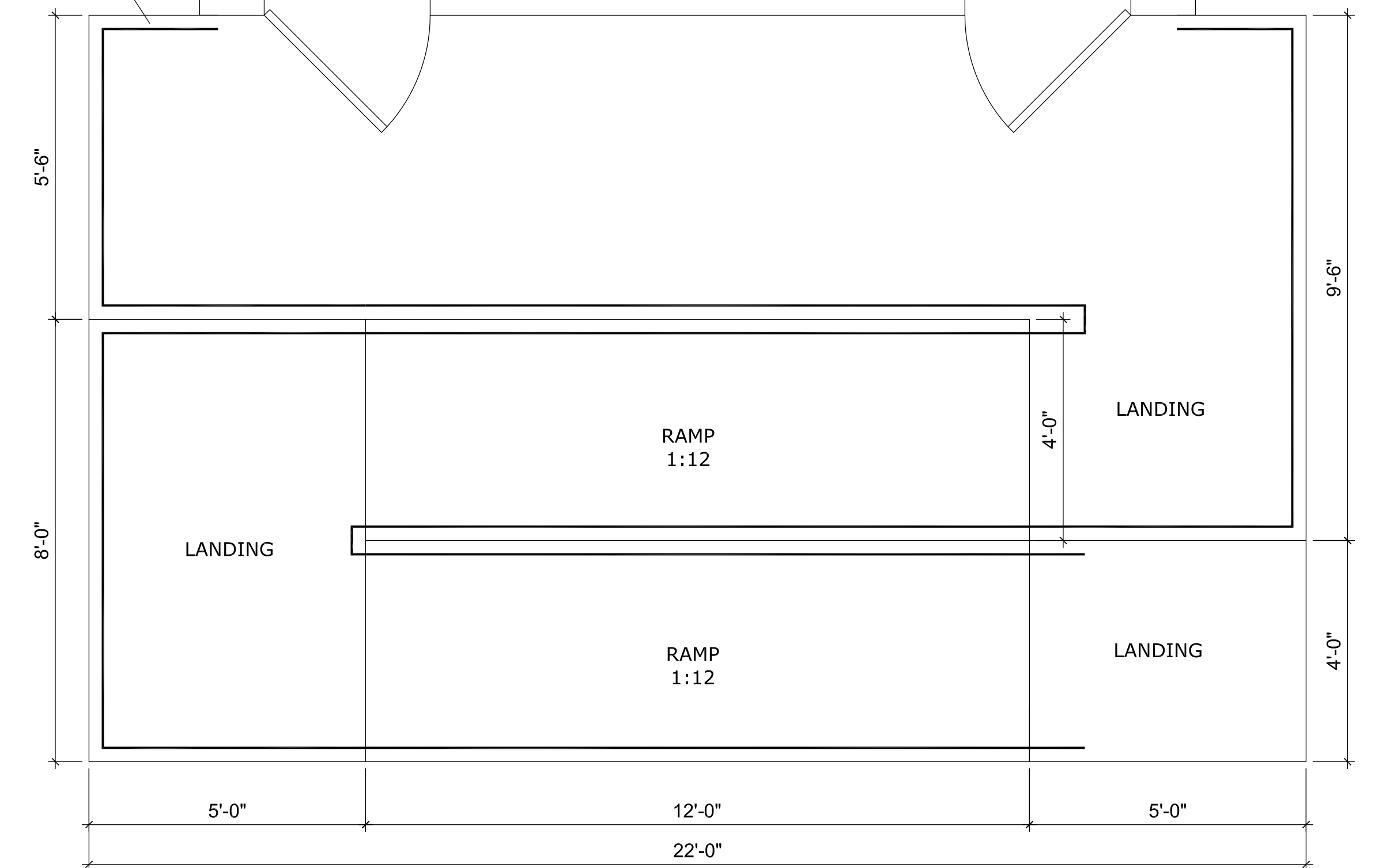
## ELEANOR JOHNSON - ADA BATHROOM FACILITIES FLOOR PLAN / INTERIOR ELEVATIONS OPTION 2 - CINDER BLOCK CONSTRUCTION



- NOTES:
1. CLEAR WIDTH OF 36" MIN. ON RAMP RUN BETWEEN HANDRAILS.
  2. HANDRAILS REQUIRED BOTH SIDES WITH RISE OVER 6".
  3. EDGE PROTECTION ON RAILING.
  4. RISE OF ANY RAMP RUN 30" MAX.



ADA COMPLIANT  
HAND RAILING



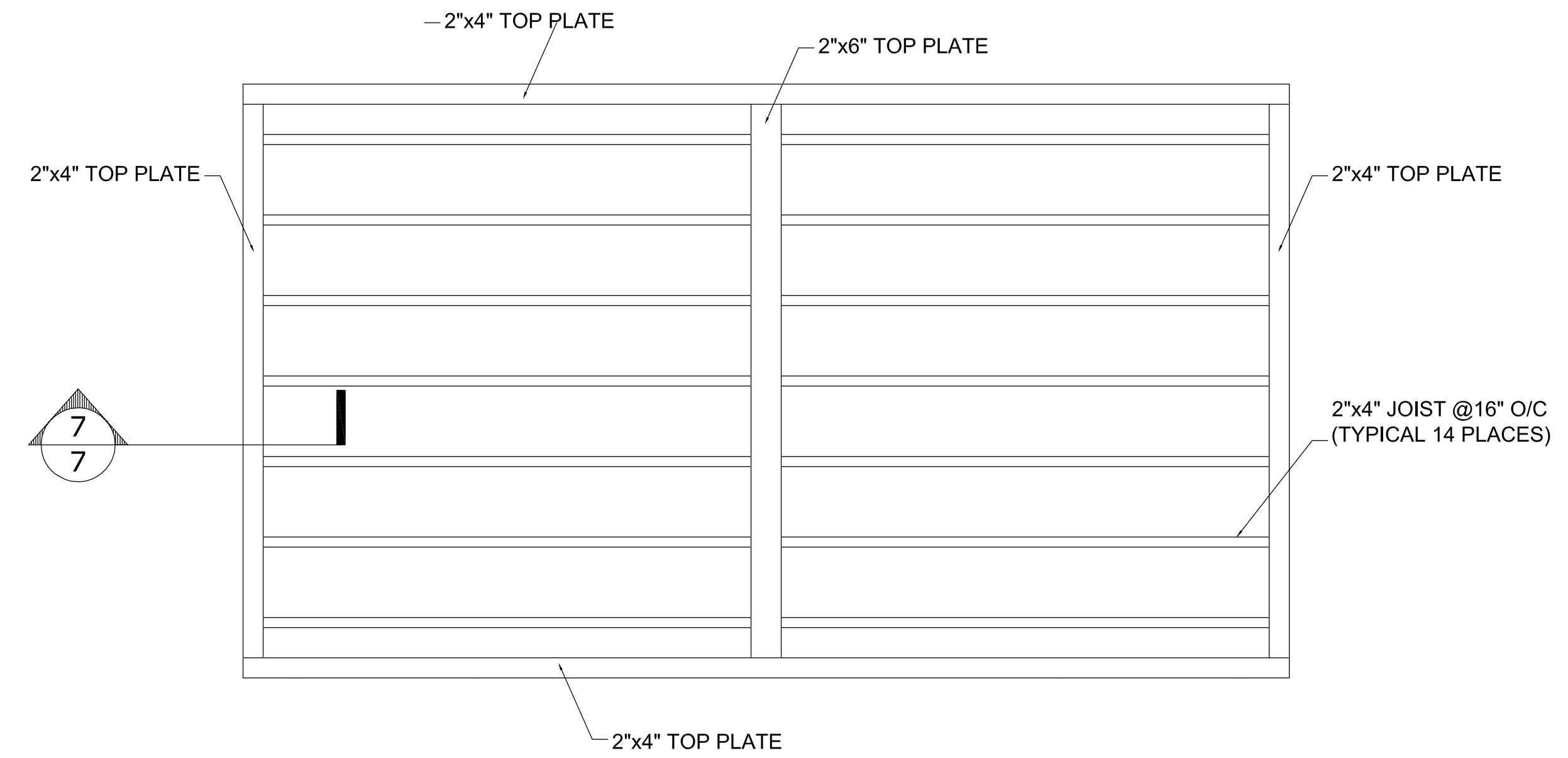
<b>City of Fort Walton Beach</b>		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES FLOOR PLAN / INTERIOR ELEVATIONS - OPTION 2		CONSTRUCTION DATE:	
AUTOCAD FILE: \\ENGINEERING-CD\SW\27A-ADA BATHROOM.DWG		EASEMENTS:	
DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.: XXXXX	FIELD BOOK NO. SHEET 5 OF 13
DRAWN BY: SLH	CHECKED BY: DJP	DRAWING NO. <b>6-49</b>	
		<b>3A</b>	

REVISIONS		
DATE	DESCRIPTION	INITIALS

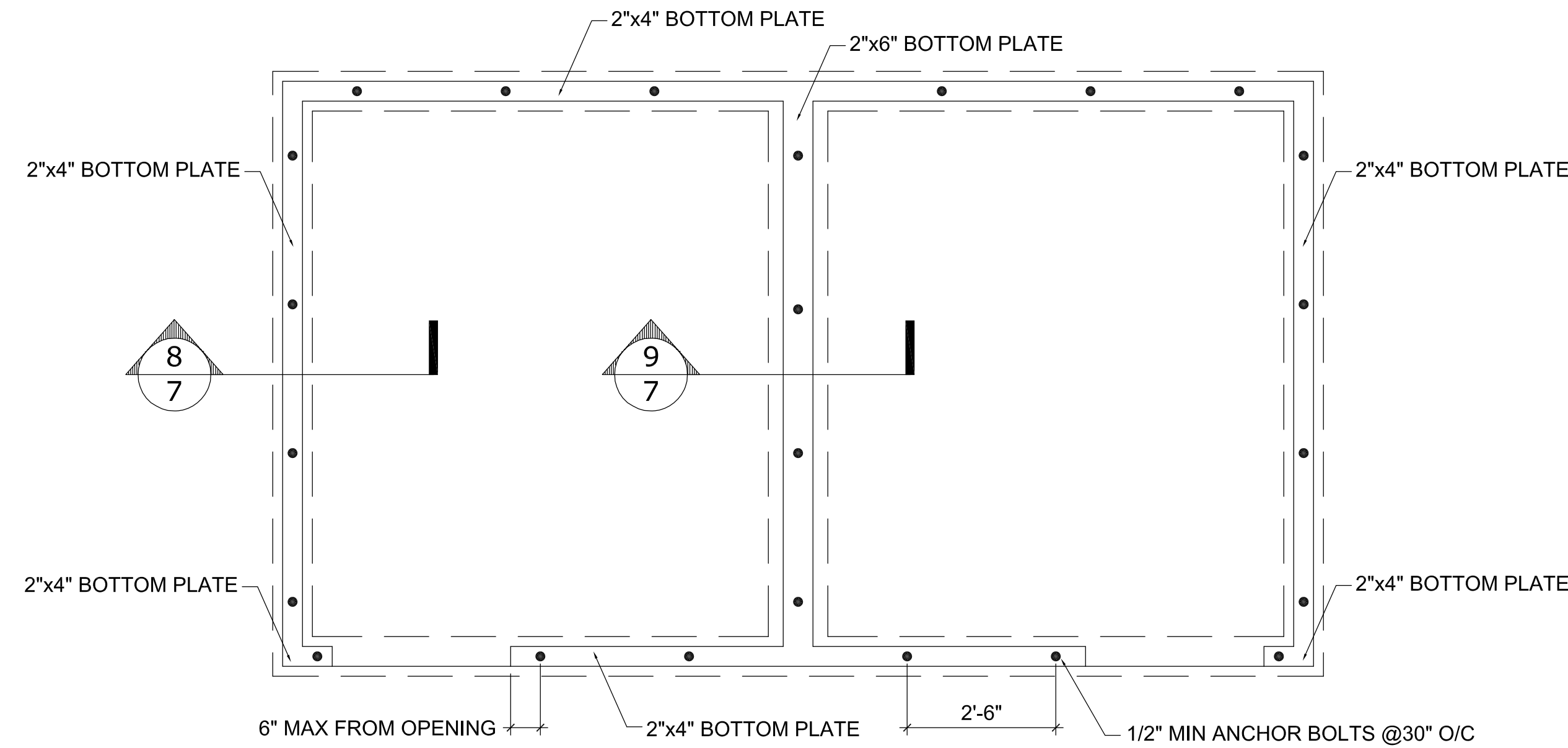
# ELEANOR JOHNSON - ADA BATHROOM FACILITIES FOUNDATION / HEADER / ROOF RAFTER PLAN OPTION 1 - WOOD FRAME CONSTRUCTION

**NOTES:**

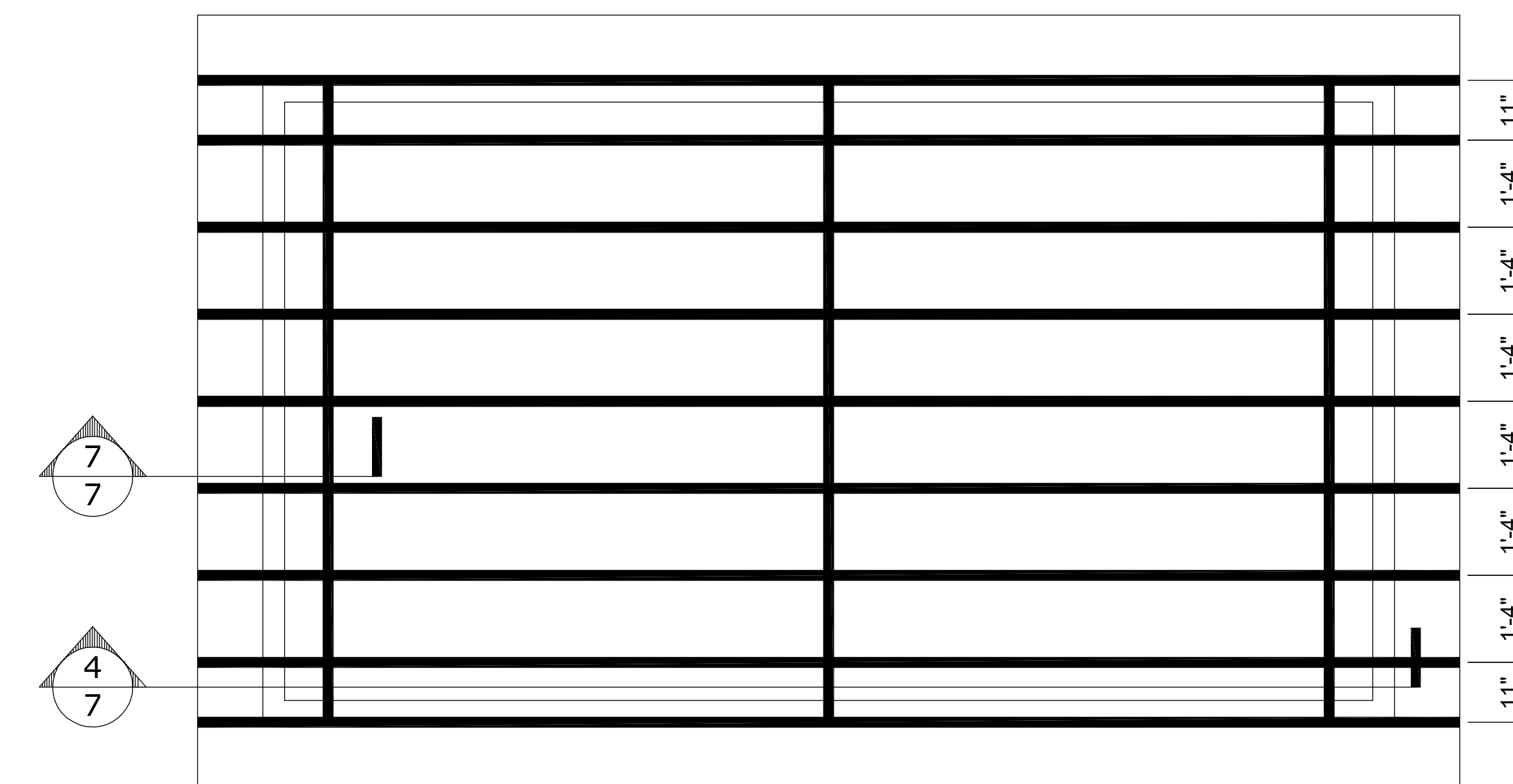
1. ALL CONCRETE SHALL BE 3000 PSI WITH FIBER.
2. ALL CONCRETE WORK TO CONFORM TO ACI 301.
3. ALL EXTERIOR AND INTERIOR WALLS SHALL BE 2x4 OR 2x6 #2 SOUTHERN YELLOW PINE.
4. WOOD TO WOOD FRAMING CONNECTIONS ARE TO BE MADE WITH BOLTS AND/OR JOISE HANGERS. TOE-NAILING IS NOT ALLOWED.
5. ALL EARTH/GROUND AND CONCRETE CONTACTED EXTERIOR AND INTERIOR FRAMING MEMBERS SHALL BE PRESSURE TREATED TIMBERS.



HEADER / JOIST PLAN



FOOTER PLAN



ROOF RAFTER PLAN

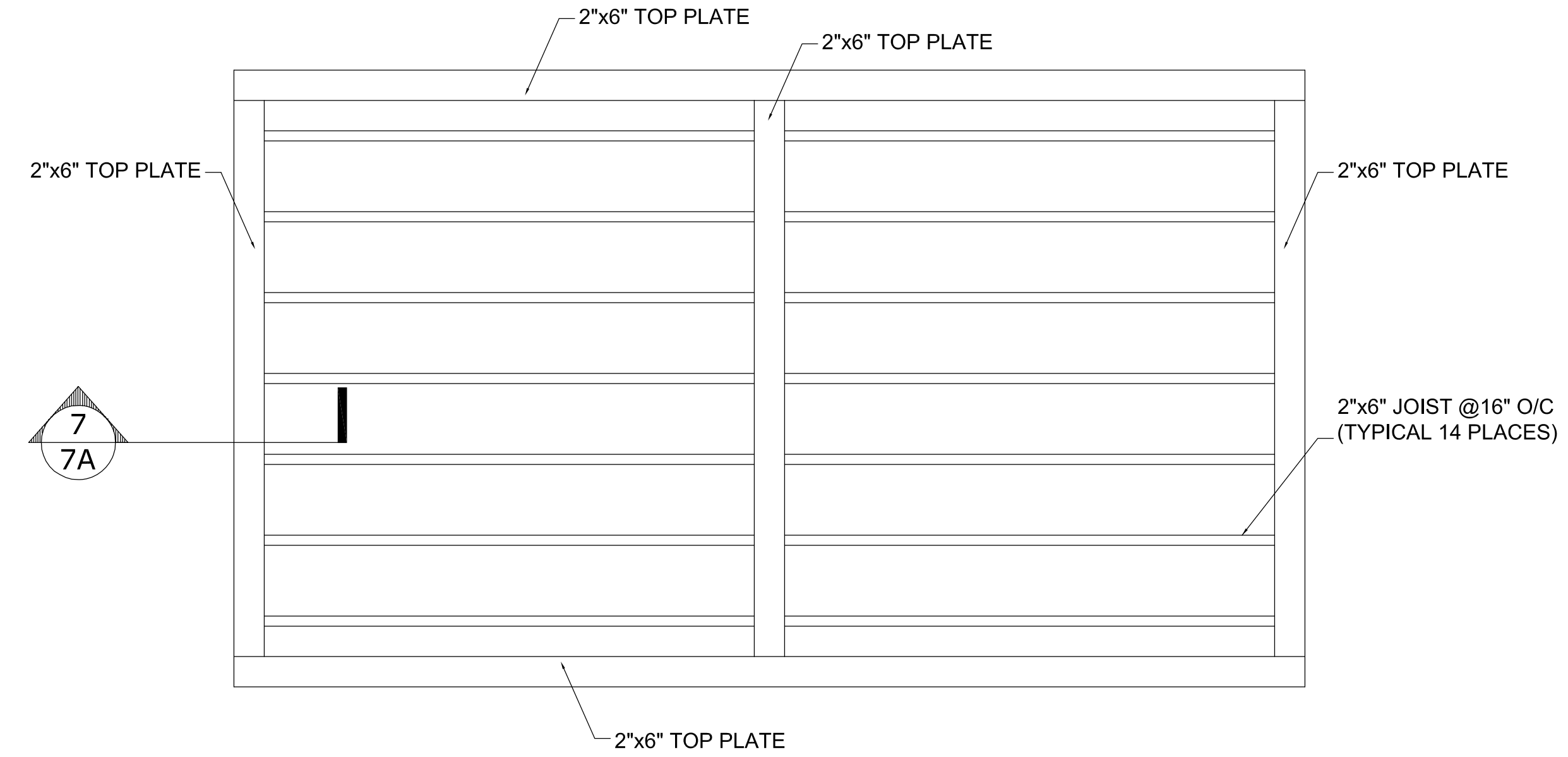
<b>City of Fort Walton Beach</b>			SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES FOUNDATION / HEADER / ROOF RAFTER PLAN - OPTION 1			CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\SW\27A-ADA BATHROOM.DWG			EASEMENTS:	
DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.: XXXXX	FIELD BOOK NO. SHEET 6 OF 13	DRAWING NO. 6-49
DRAWN BY: SLH	CHECKED BY: DJP		<b>4</b>	

REVISIONS		
DATE	DESCRIPTION	INITIALS

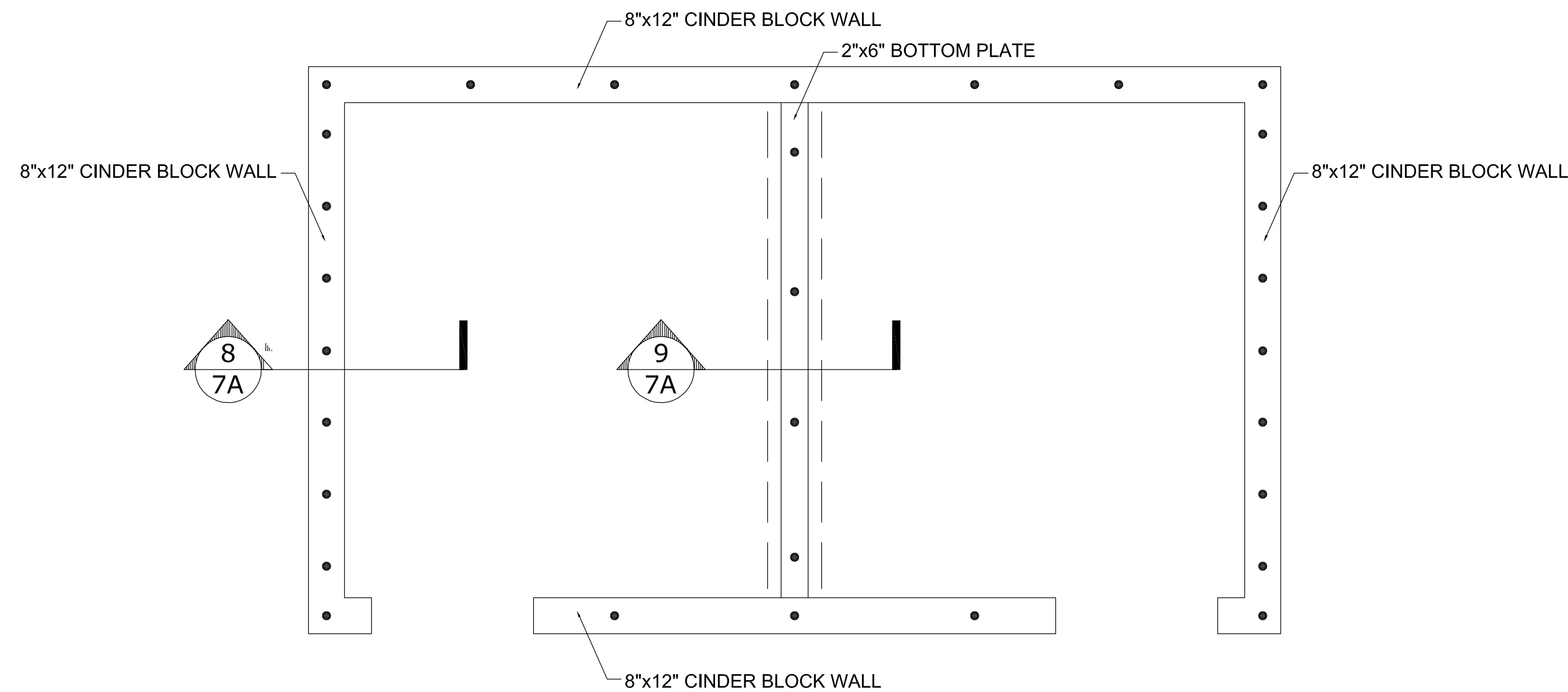
# ELEANOR JOHNSON - ADA BATHROOM FACILITIES FOUNDATION / HEADER / ROOF RAFTER PLAN OPTION 2 - CINDER BLOCK CONSTRUCTION

**NOTES:**

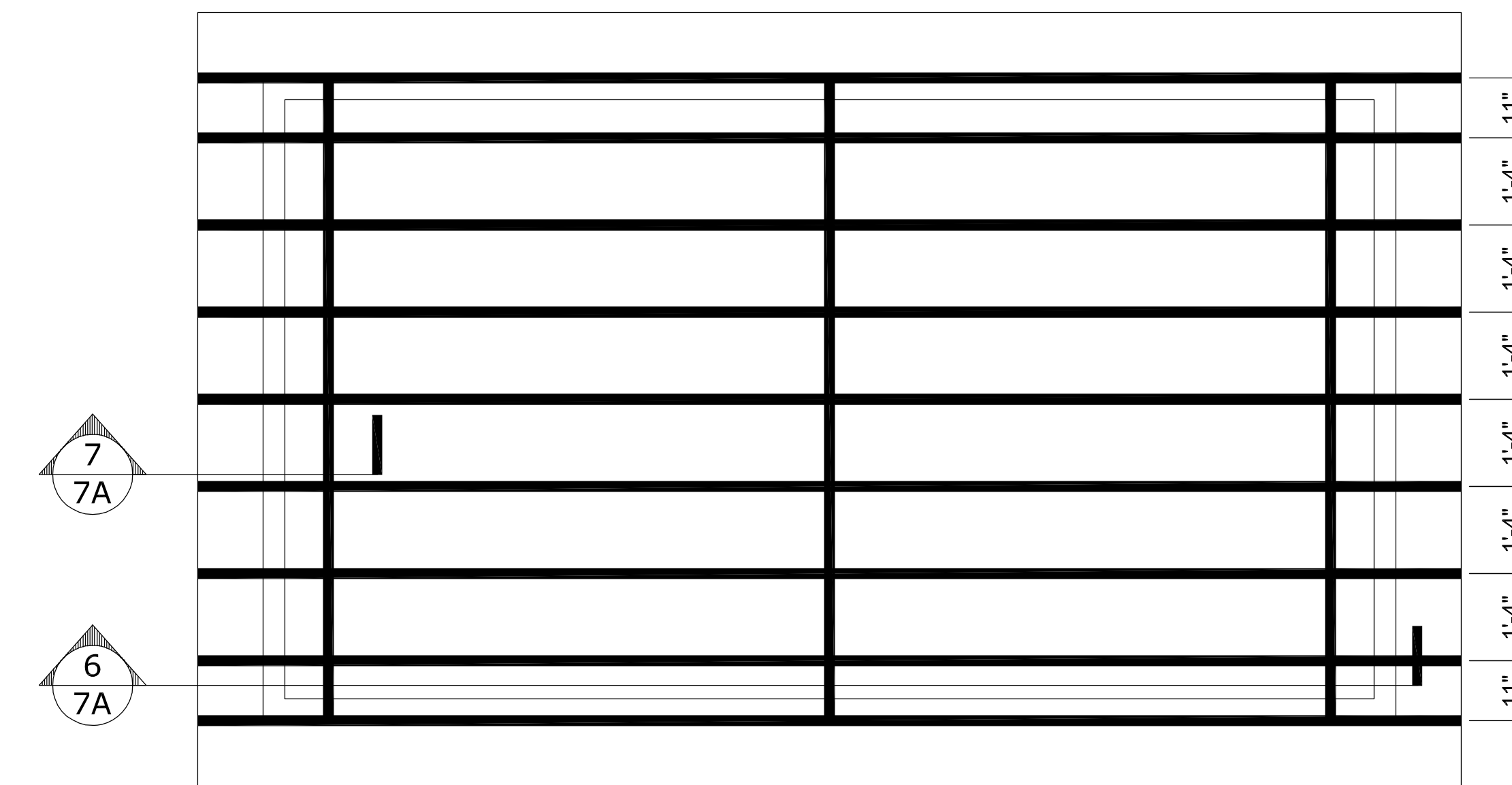
1. ALL CONCRETE SHALL BE 3000 PSI WITH FIBER.
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3. ALL EXTERIOR AND INTERIOR WALLS SHALL BE 2x4 OR 2x6 #2 SOUTHERN YELLOW PINE.
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5. ALL EARTH/GROUND AND CONCRETE CONTACTED EXTERIOR AND INTERIOR FRAMING MEMBERS SHALL BE PRESSURE TREATED TIMBERS.



HEADER / JOIST PLAN



FOOTER PLAN

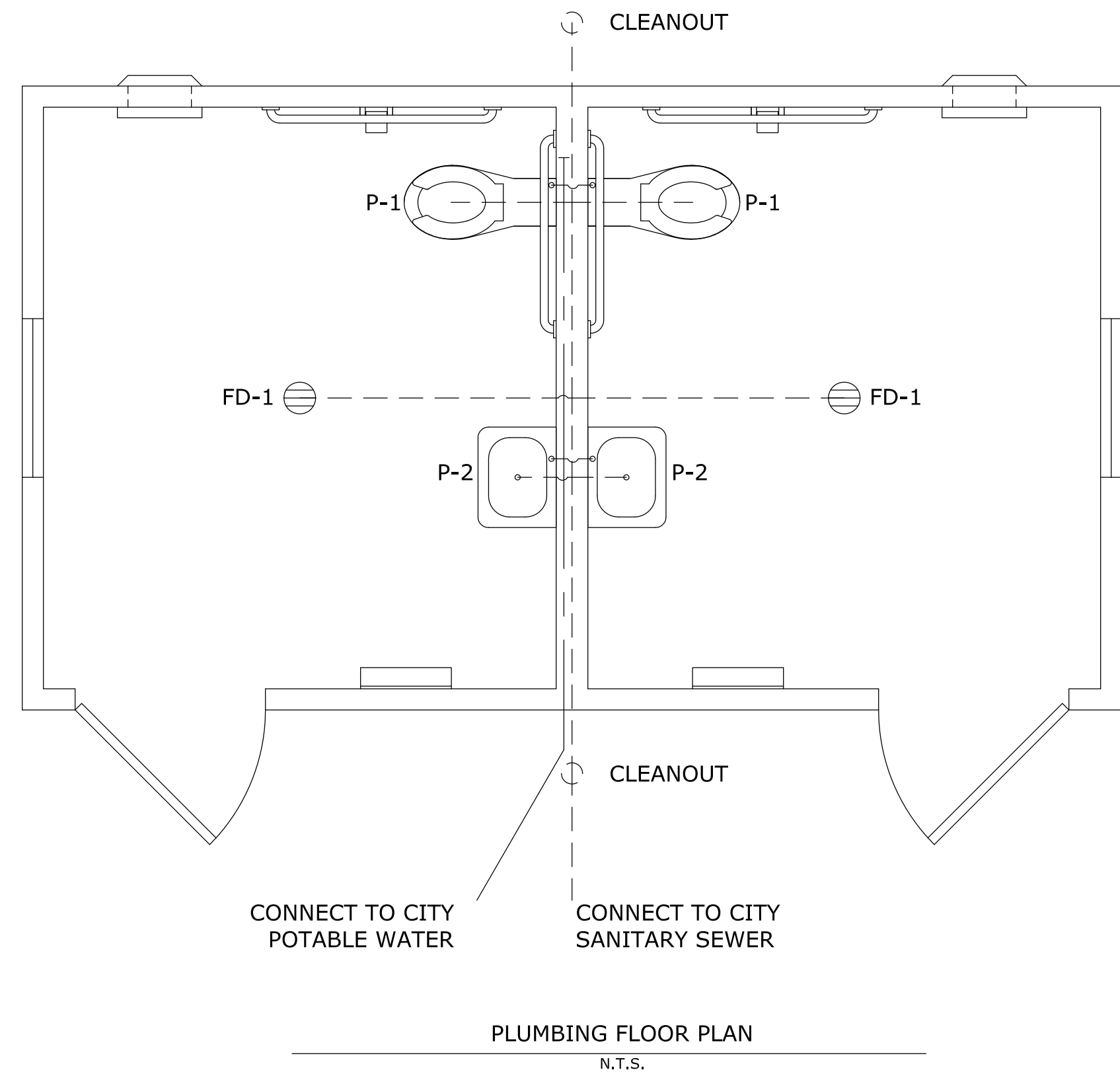
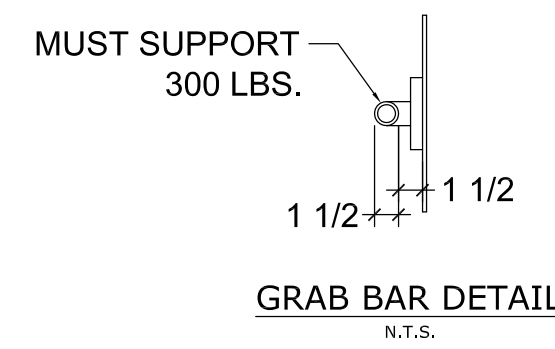


ROOF RAFTER PLAN

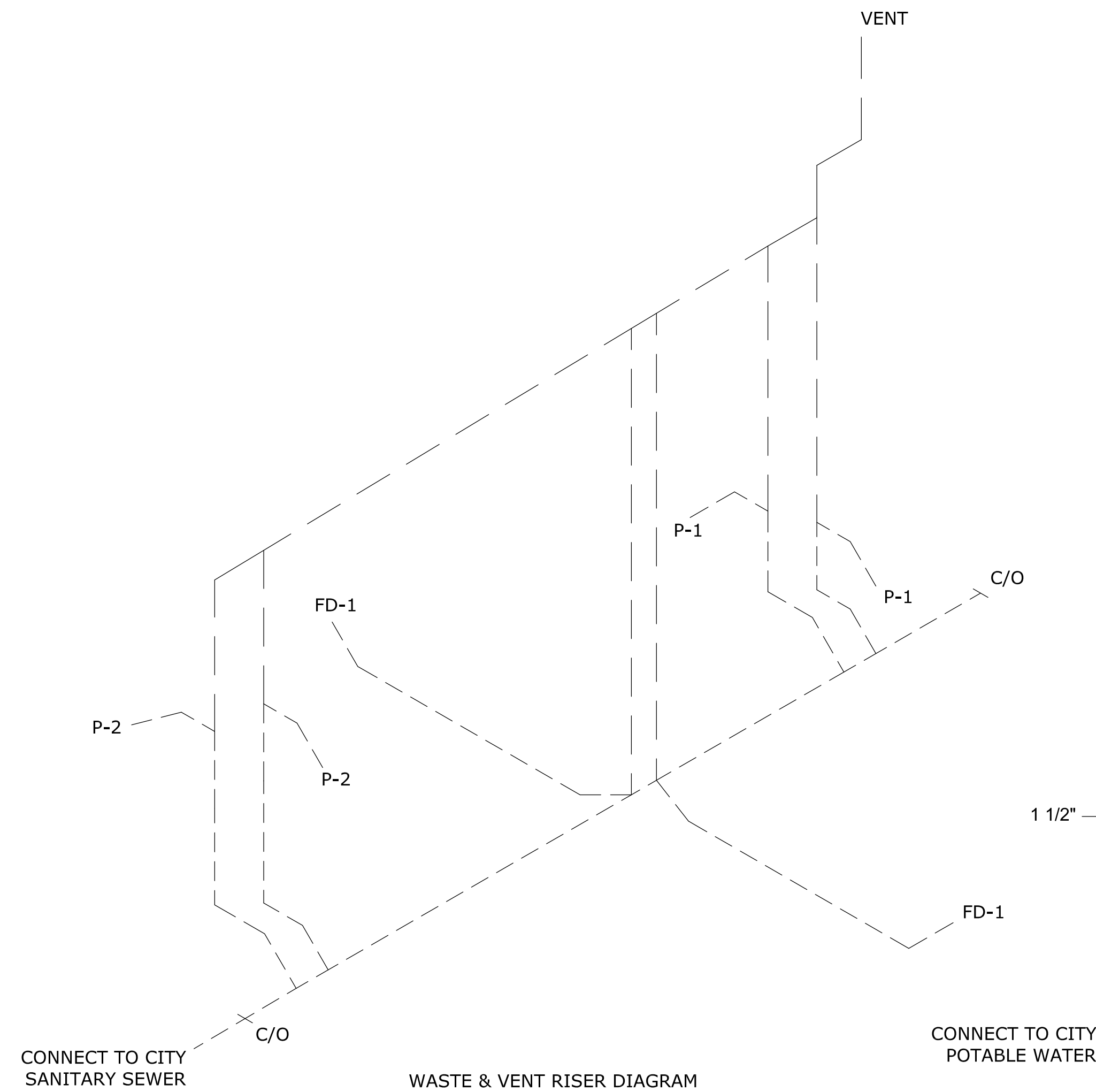
<b>City of Fort Walton Beach</b>			SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES FOUNDATION / HEADER / ROOF RAFTER PLAN - OPTION 2			CONSTRUCTION DATE:	
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DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.: XXXXX	FIELD BOOK NO.	
DRAWN BY: SLH	CHECKED BY: DJP	SHEET 7 OF 13	DRAWING NO. 4A	6-49

REVISIONS		
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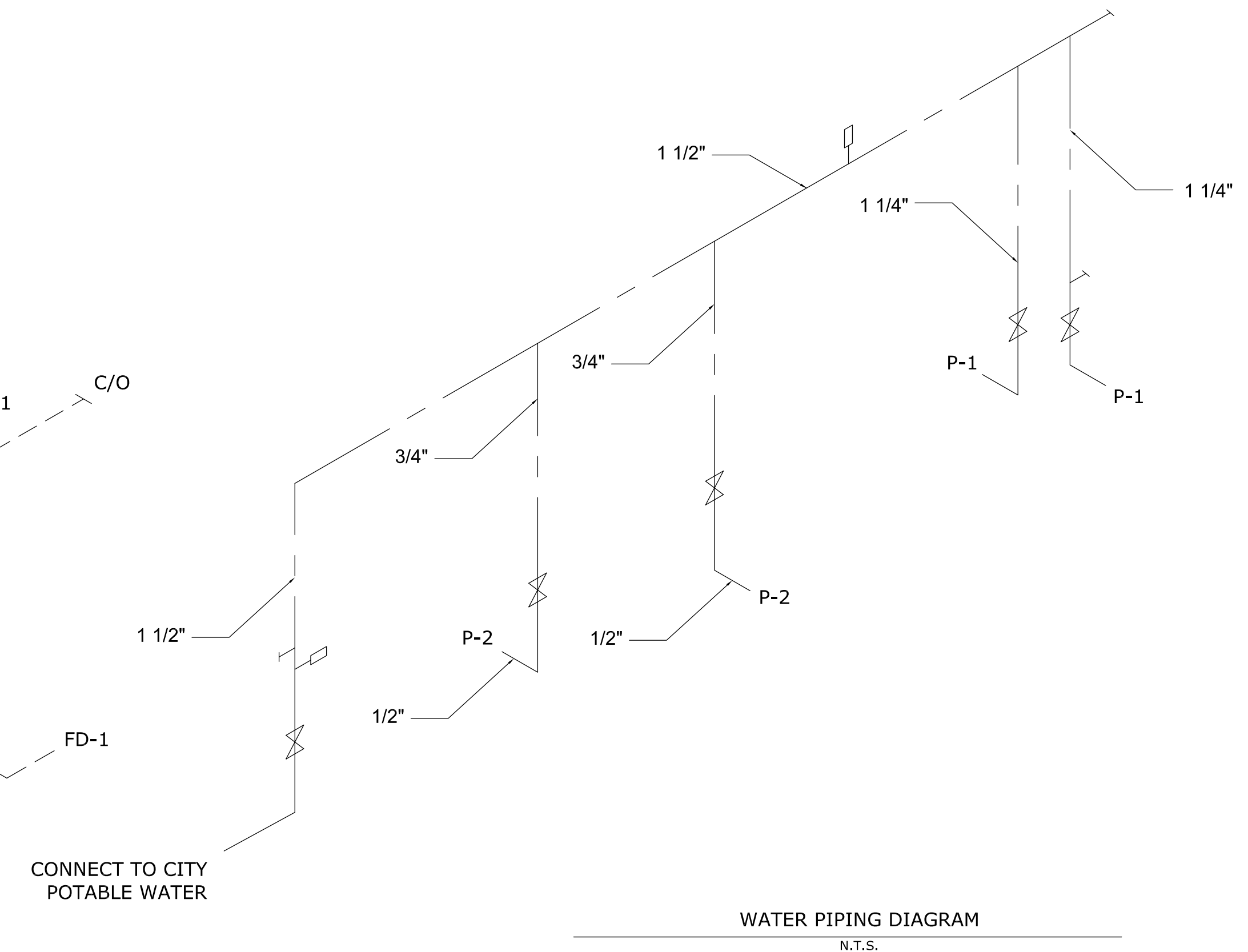
# ELEANOR JOHNSON - ADA BATHROOM FACILITIES PLUMBING OPTION 1 - WOOD FRAME CONSTRUCTION



PLUMBING FLOOR PLAN  
N.T.S.



WASTE & VENT RISER DIAGRAM  
N.T.S.



WATER PIPING DIAGRAM  
N.T.S.

PLUMBING FIXTURE SCHEDULE														
SYM	DESCRIPTION	MANUFACTURER	MODEL#	CARRIER	FLUSH VALVE/FAUCET	SEAT	TRAP	SUPPLIES	DRAIN	HW	CW	WASTE	VENT	NOTES
P-1	WATER CLOSET	KOHLER	K-4323-O	210-R/L-Y	SLOAN "ROYAL" #952-1.6-FW L-3 W=4"			HY33A			1 1/4"	3"	2"	1,3,6
P-2	LAVATORY	KOHLER	K-2007-0		SLOAN "ROYAL" #SL-0805		OFFSET 1.25"X17GA.CP		CHROME STRAINER		1/2"	1 1/2"	1 1/2"	2,4,7

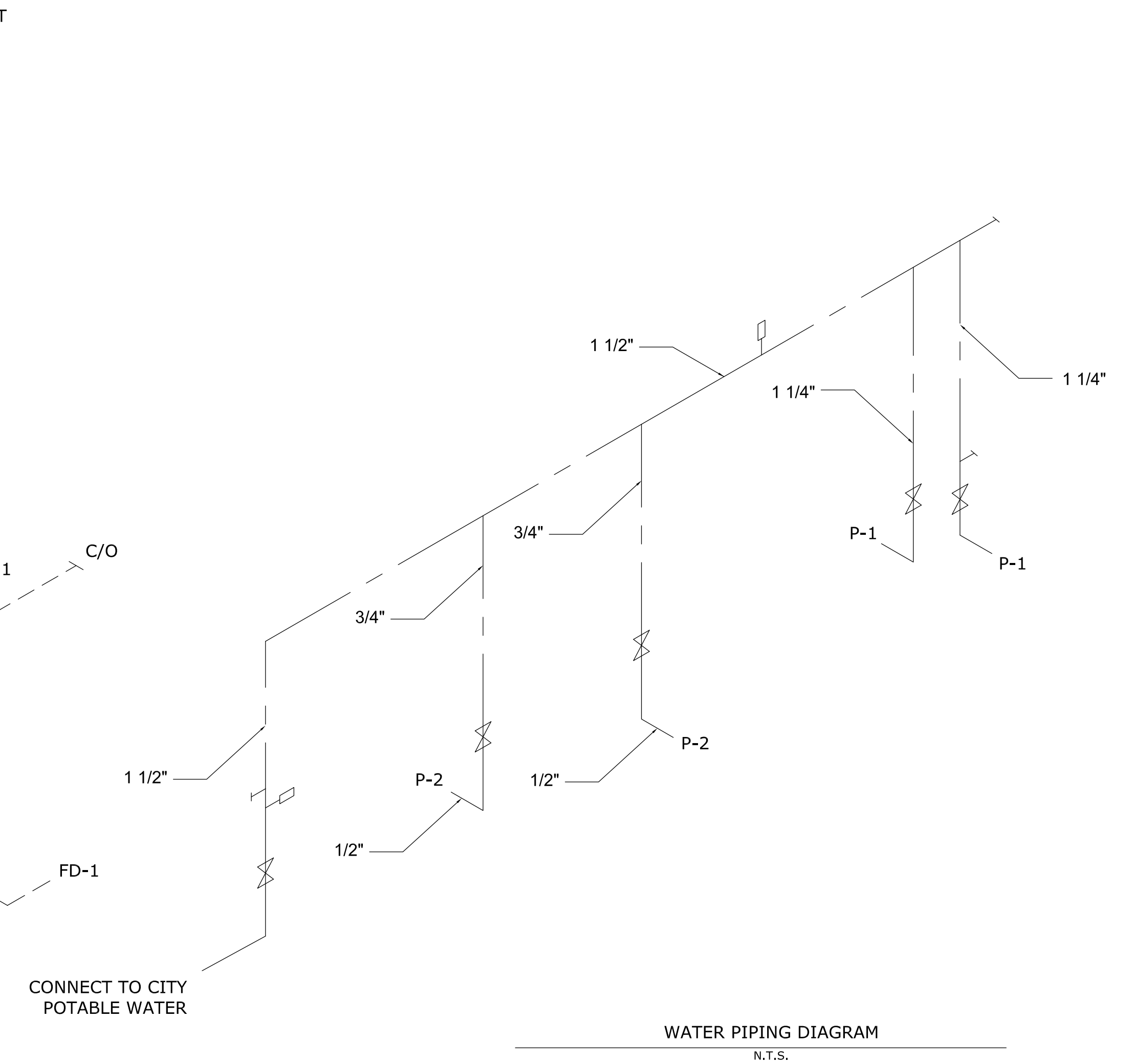
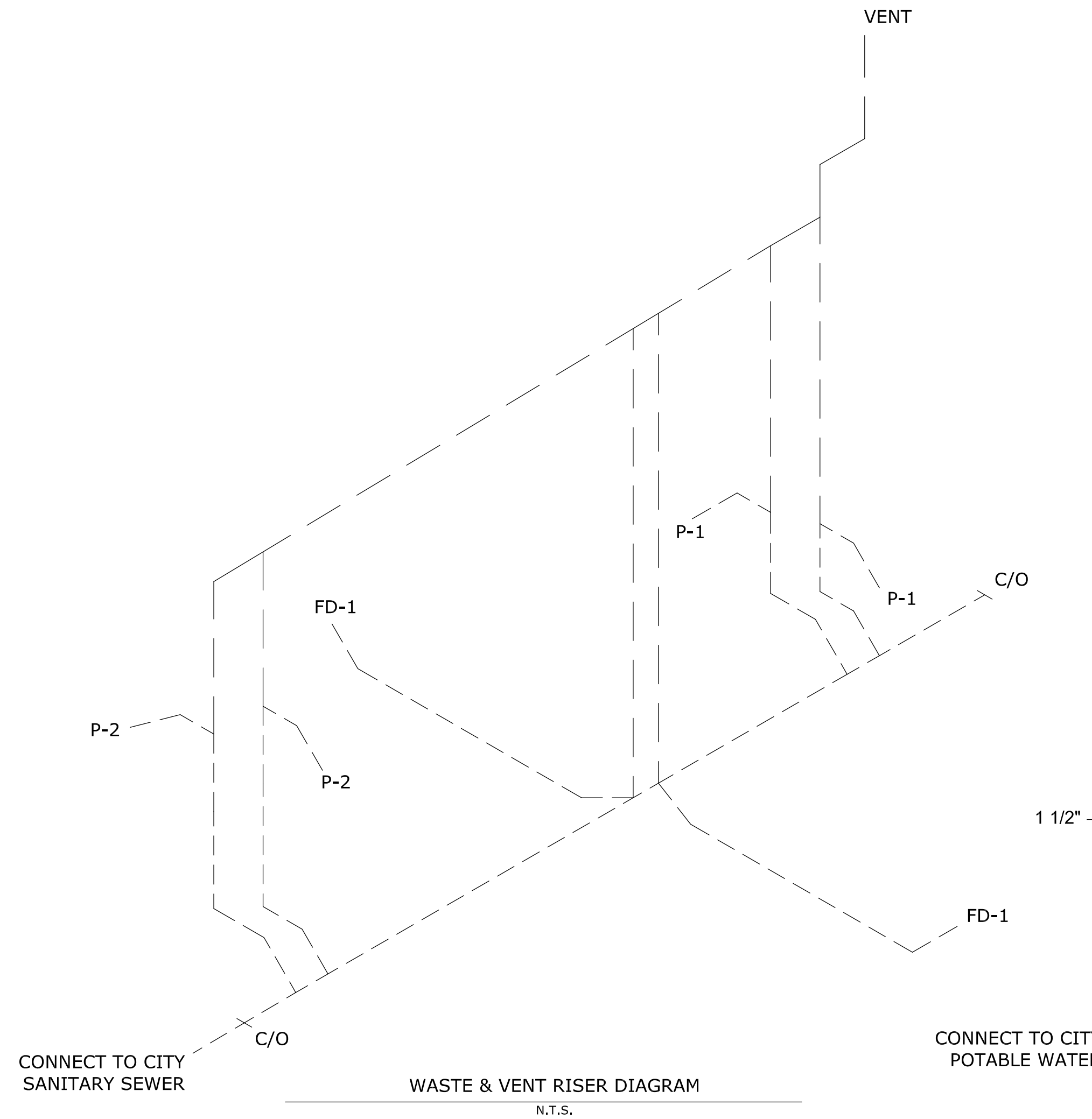
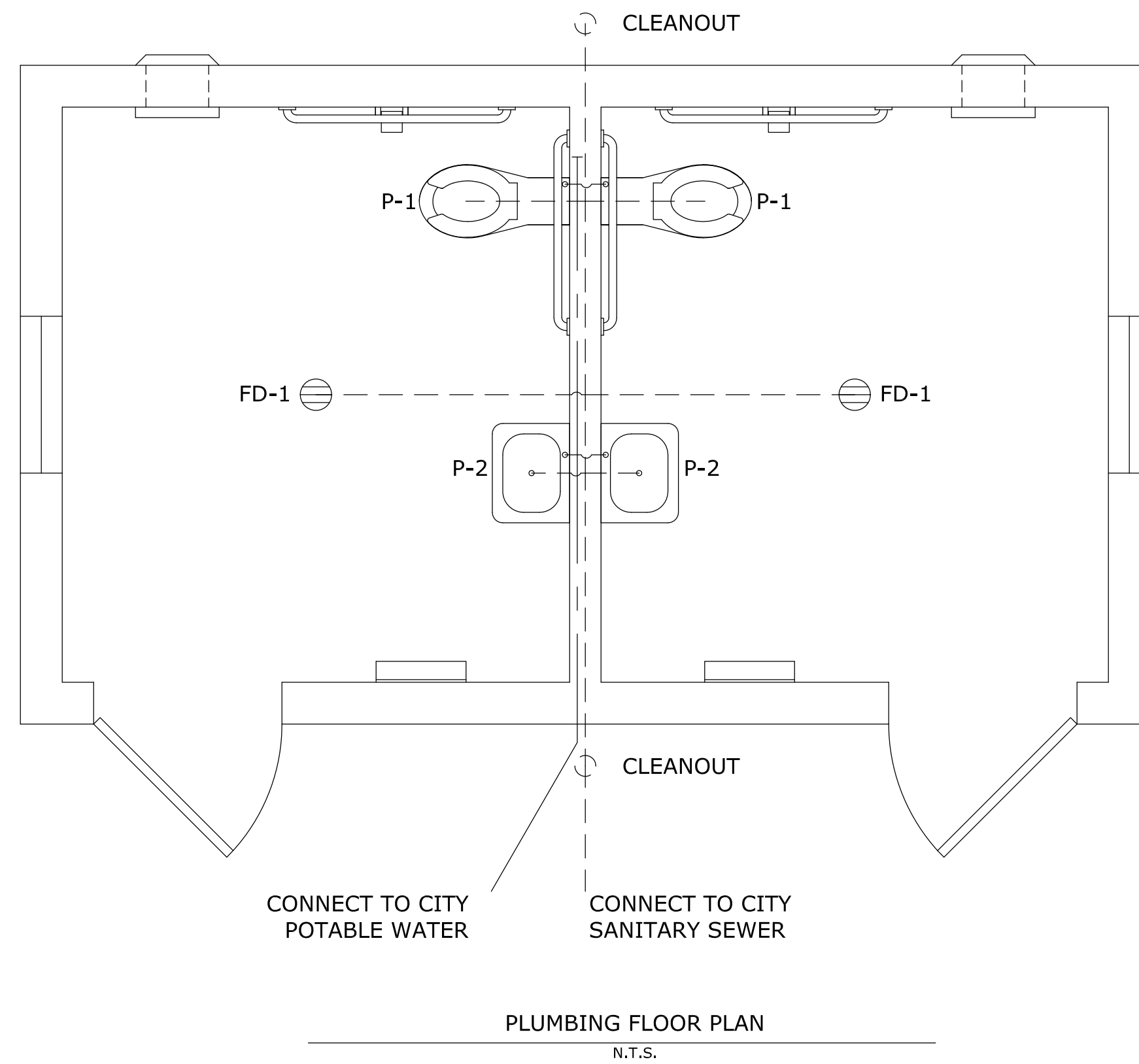
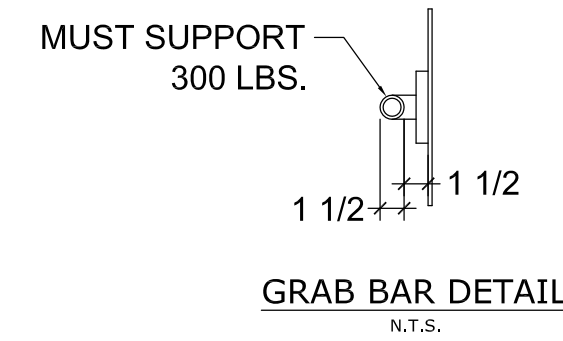
**NOTES:**

1. OFFSET FLUSH VALVE TAILPIECE PER ADA, RIGHT OR LEFT HAND, AS REQUIRED. PROVIDE FLUSH VALVE FOR 3" WALL THICKNES.
2. HAMMER ARRESTOR JRS520-T-C, FLOOR DRAIN S2005A025NBLP, TRAP PRIMER- MIFAB MM500, DISTR UNIT- MIFAB.
3. MOUNT RIM OF P-1 AT 17" ABOVE FLOOR.
4. 1/2X15 COMP ANG LAV BSCR1915AC.
5. DUAL HEIGHT COMBINATION.
6. USE CLOSET GASKET JG13534 AND Z203 FINISH KIT.
7. 3 PC COVER SET PF202WH.
8. 1-1/4" GRID DRAIN W/TLPC PF1551, 1.25" OD BX ESC PFE40.

<b>City of Fort Walton Beach</b>		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES PLUMBING - OPTION 1		CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\SW\27A-ADA BATHROOM.DWG		EASEMENTS:	
DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.: XXXXX	FIELD BOOK NO.
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# ELEANOR JOHNSON - ADA BATHROOM FACILITIES PLUMBING OPTION 2 - CINDER BLOCK CONSTRUCTION



PLUMBING FIXTURE SCHEDULE														
SYM	DESCRIPTION	MANUFACTURER	MODEL#	CARRIER	FLUSH VALVE/FAUCET	SEAT	TRAP	SUPPLIES	DRAIN	HW	CW	WASTE	VENT	NOTES
P-1	WATER CLOSET	KOHLER	K-4323-O	210-R/L-Y	SLOAN "ROYAL" #952-1.6-FW L-3 W=4"			HY33A			1 1/4"	3"	2"	1,3,6
P-2	LAVATORY	KOHLER	K-2007-0		SLOAN "ROYAL" #SL-0805		OFFSET 1.25"X17GA.CP		CHROME STRAINER		1/2"	1 1/2"	1 1/2"	2,4,7

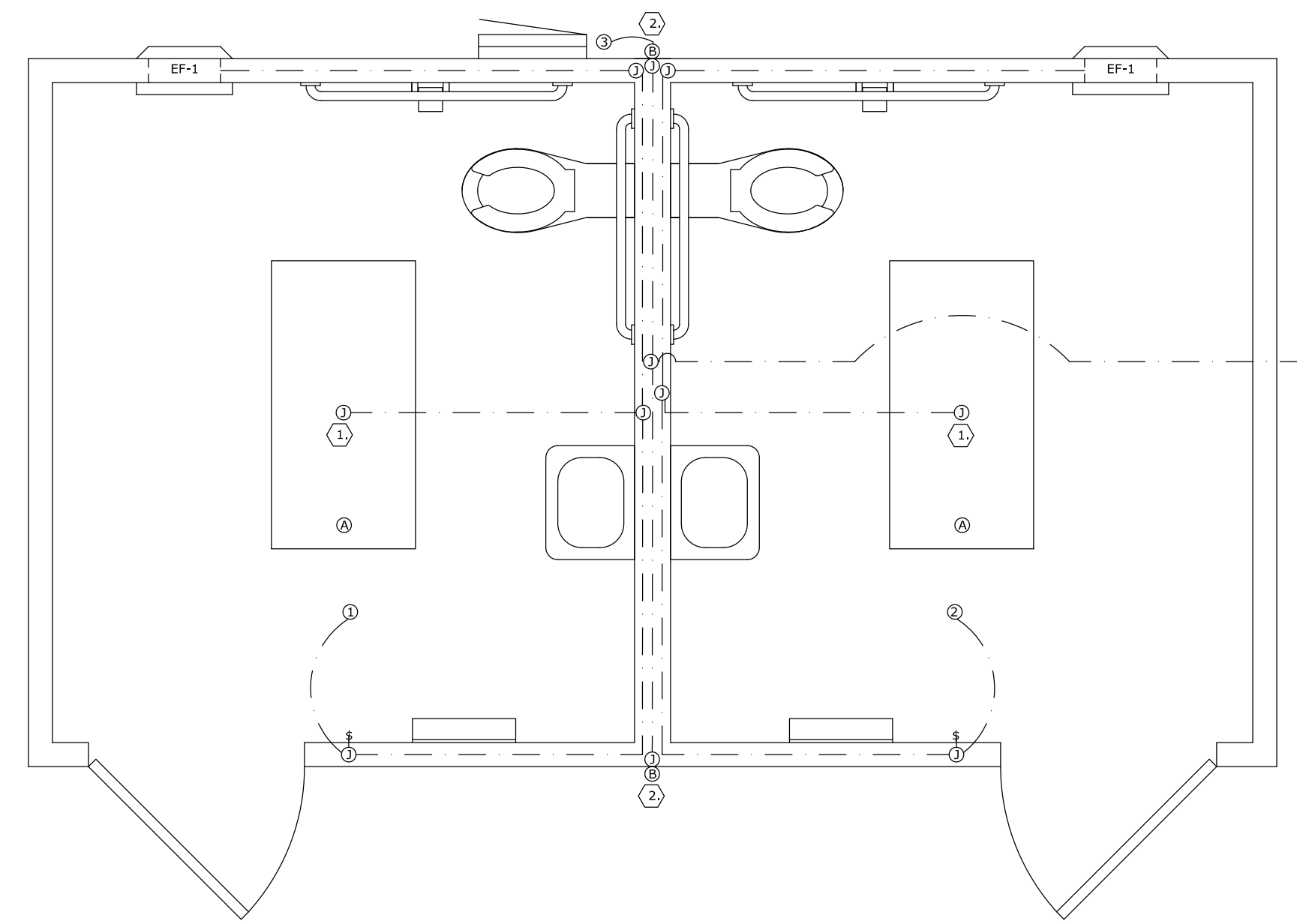
**NOTES:**

1. OFFSET FLUSH VALVE TAILPIECE PER ADA, RIGHT OR LEFT HAND, AS REQUIRED. PROVIDE FLUSH VALVE FOR 3" WALL THICKNES.
2. HAMMER ARRESTOR JR5520-T-C, FLOOR DRAIN S2005A025NBLP, TRAP PRIMER- MIFAB MM500, DISTR UNIT- MIFAB.
3. MOUNT RIM OF P-1 AT 17" ABOVE FLOOR.
4. 1/2X15 COMP ANG LAV BSCR1915AC.
5. DUAL HEIGHT COMBINATION.
6. USE CLOSET GASKET JG13534 AND Z203 FINISH KIT.
7. 3 PC COVER SET PF202WH.
8. 1-1/4" GRID DRAIN W/TLPC PF1551, 1.25" OD BX ESC PFE40.

<b>City of Fort Walton Beach</b>		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
		CONSTRUCTION DATE:	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES PLUMBING - OPTION 2		EASEMENTS:	
AUTOCAD FILE: \ENGINEERING-CD\SW\27A-ADA BATHROOM.DWG		FIELD BOOK NO.	
DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.:	SHEET 9 OF 13
DRAWN BY: SLH	CHECKED BY: DJP	XXXXXX	DRAWING NO. <b>5A</b>
			<b>6-49</b>

REVISIONS		
DATE	DESCRIPTION	INITIALS

# ELEANOR JOHNSON - ADA BATHROOM FACILITIES ELECTRICAL OPTION 1 - WOOD FRAME CONSTRUCTION



ELECTRICAL PLAN  
N.T.S.

**KEY NOTES**

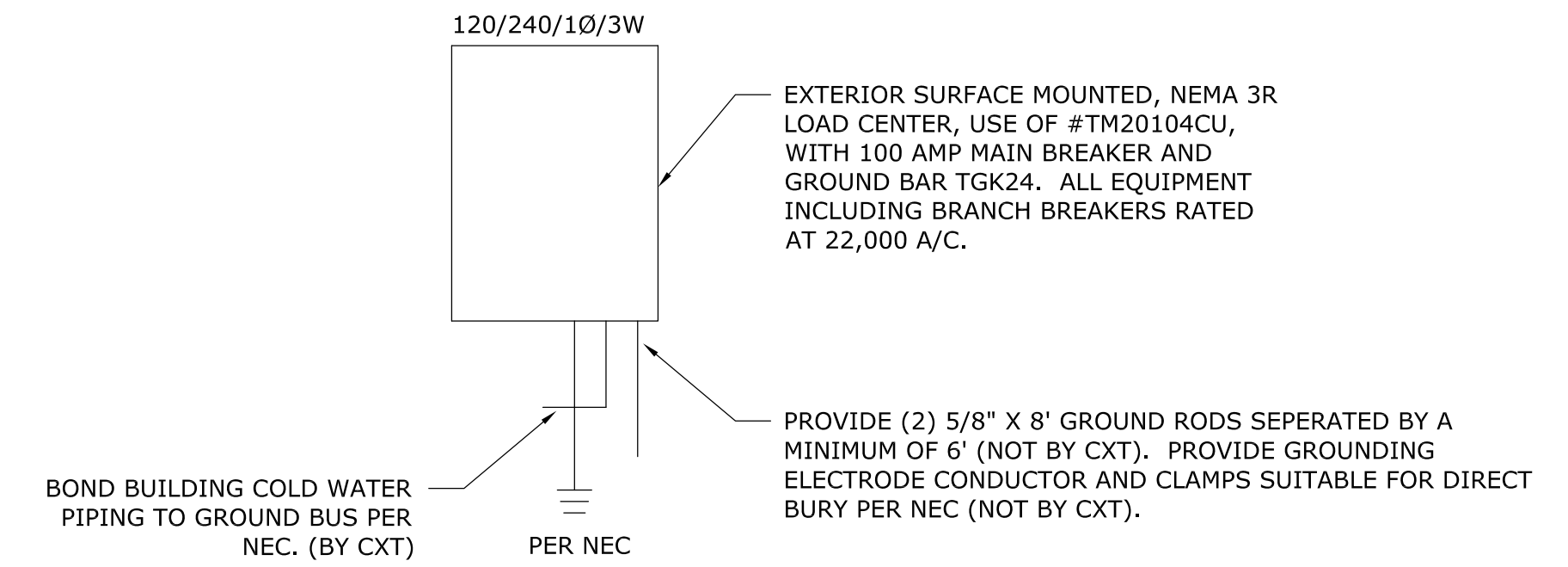
1. MOTION SENSOR SHALL BE PROVIDED WITH A 120V/20A CONTACT. WIRE MOTION SENSOR CONTACTS AND SWITCH IN PARALLEL SO THAT ANY MOTION SENSOR OR WALL SWITCH MAY OPERATE LIGHTS. PROVIDE AN ADDITIONAL 120V/20A ISOLATED CONTACT FOR EXHAUST FAN CONTROL.
2. LIGHT FIXTURE TO BE CONTROLLED BY PHOTOCELL LOCATED APART FROM FIXTURE. ROUTE WIRING IN CONCEALED CONDUIT.

**GENERAL NOTES**

1. RECESSED JUNCTION BOXES FOR SINGLE DEVICES SHALL HAVE SINGLE GANG MUD RINGS CAST IN CONCRETE WALLS.
2. ALL CONDUIT SHALL BE SIZED PER NEC. (SEE REF TABLE) EXPOSED CONDUIT SHALL BE EMT/FMC, RECESSED SHALL BE PVC.

1/2" EMT			3/4" EMT			1/2" ENT			3/4" ENT			1/2" FMC			3/4" FMC		
WIRE SIZE	TYPE	MAX	WIRE SIZE	TYPE	MAX	WIRE SIZE	TYPE	MAX	WIRE SIZE	TYPE	MAX	WIRE SIZE	TYPE	MAX	WIRE SIZE	TYPE	MAX
14	TYPE THHN	12 MAX	14	TYPE THHN	10 MAX	14	TYPE THHN	13 MAX	14	TYPE THHN	18 MAX	14	TYPE THHN	9 MAX	14	TYPE THHN	22 MAX
12	TYPE THHN	9 MAX	12	TYPE THHN	7 MAX	12	TYPE THHN	7 MAX	12	TYPE THHN	13 MAX	12	TYPE THHN	9 MAX	12	TYPE THHN	16 MAX
10	TYPE THHN	5 MAX	10	TYPE THHN	4 MAX	10	TYPE THHN	4 MAX	10	TYPE THHN	8 MAX	10	TYPE THHN	6 MAX	10	TYPE THHN	10 MAX

3. INSTALL ALL WIRING IN CONDUIT OR RELATED ENCLOSURES.
4. ALL ELECTRICAL INSTALLATIONS SHALL MEET THE 1008 VERSION OF THE NATIONAL ELECTRICAL CODE.
5. MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER, THHN INSULATION UNLESS NOTED OTHERWISE.
6. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW EXACT LOCATIONS OF DEVICES. REFER TO WALL PANEL AND OTHER DRAWINGS FOR EXACT LOCATIONS OF J-BOXES, ETC.
7. WIRE SWITCH FOR INTERIOR LIGHTS IN PARALLEL W/ OCCUPANCY SENSOR CONTACTS SO SWITCH CAN OVERRIDE OCCUPANCY SENSOR TO TURN LIGHTS ON.



**ONE-LINE POWER DIAGRAM**

N.T.S.

LOAD CENTER/PANEL-C -- SCHEDULE 120/240 VOLT-100 AMP SURFACE MOUNTED					
NUMBER	BREAKER NUMBER	VOLTAGE	POLES	AMPS	DESCRIPTION
1	1	120	1	20	INSIDE LIGHT / EXHAUST FAN - MEN'S
2	2	120	1	20	INSIDE LIGHT / EXHAUST FAN - WOMEN'S
3	3	120	1	20	OUTSIDE LIGHTS
4	4	120	1	20	EXTRA

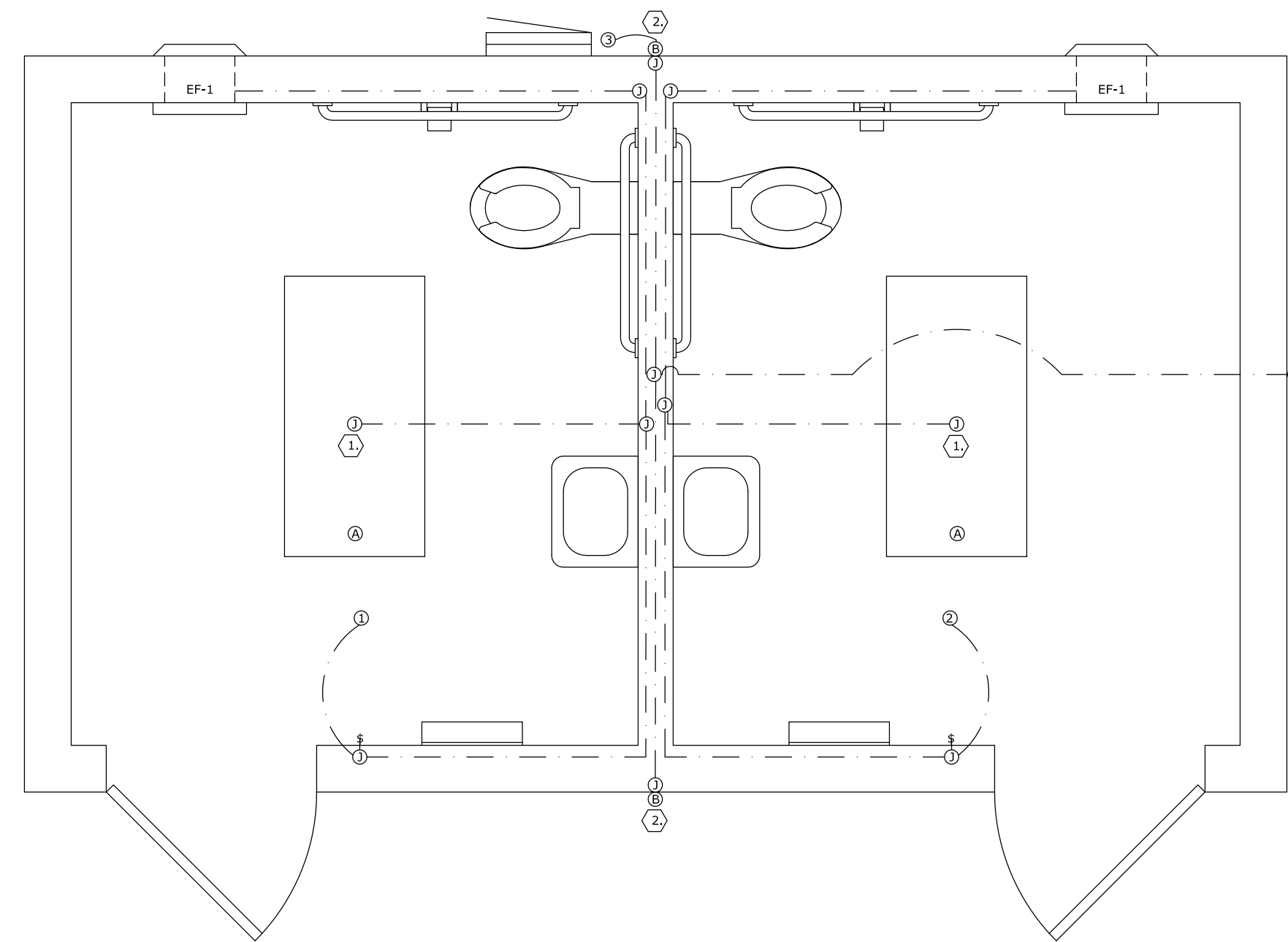
LIGHTING FIXTURE SCHEDULE			
FIXTURE NUMBER	VOLTAGE	WATTS	DESCRIPTION
A	120	88	SURFACE MOUNTED, THREE 32 WATT, 4' FLUORESCENT LAMPS, WRAP AROUND LENS, COLD WEATHER BALLAST
B	120	43	EXTERIOR, VANDAL RESISTANT, WALL MOUNTED, 35 WATT, HIGH PRESSURE SODIUM, ALUMINUM REFLECTOR, BRONZE FINISH, REMOTE PHOTOELECTRIC CONTROL

EXHAUST FAN SCHEDULE							
SYM	MFR	MODEL#	CFM	SONES	VOLTS	AMP	NTS.
EF-1	BROAN	509MG	180	5.0	120	1.5	1

<b>City of Fort Walton Beach</b>				SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES ELECTRICAL - OPTION 1				CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\SW\27A-ADA BATHROOM.DWG				EASEMENTS:	
DATE: 4/11/2016				FIELD BOOK NO.	
DRAWN BY: SLH				SHEET 10 OF 13	
CHECKED BY: DJP				DRAWING NO.	
SCALE: 1/2" = 1'				PROJECT NO.: XXXXX	
				<b>6-49</b>	

REVISIONS		
DATE	DESCRIPTION	INITIALS

# ELEANOR JOHNSON - ADA BATHROOM FACILITIES ELECTRICAL OPTION 2 - CINDER BLOCK CONSTRUCTION



ELECTRICAL PLAN  
N.T.S.

**KEY NOTES**

- ①. MOTION SENSOR SHALL BE PROVIDED WITH A 120V/20A CONTACT. WIRE MOTION SENSOR CONTACTS AND SWITCH IN PARALLEL SO THAT ANY MOTION SENSOR OR WALL SWITCH MAY OPERATE LIGHTS. PROVIDE AN ADDITIONAL 120V/20A ISOLATED CONTACT FOR EXHAUST FAN CONTROL.
- ②. LIGHT FIXTURE TO BE CONTROLLED BY PHOTOCELL LOCATED APART FROM FIXTURE. ROUTE WIRING IN CONCEALED CONDUIT.

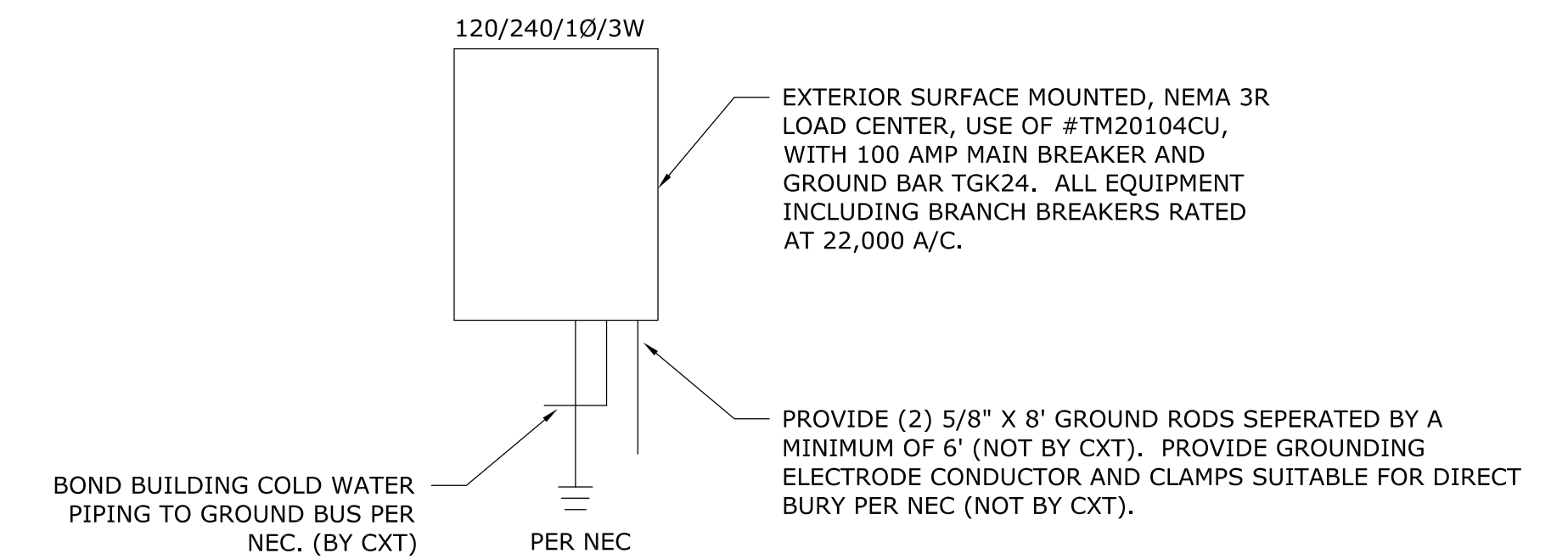
**GENERAL NOTES**

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2. ALL CONDUIT SHALL BE SIZED PER NEC. (SEE REF TABLE) EXPOSED CONDUIT SHALL BE EMT/FMC, RECESSED SHALL BE PVC.
3. INSTALL ALL WIRING IN CONDUIT OR RELATED ENCLOSURES.
4. ALL ELECTRICAL INSTALLATIONS SHALL MEET THE 1008 VERSION OF THE NATIONAL ELECTRICAL CODE.
5. MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER, THHN INSULATION UNLESS NOTED OTHERWISE.
6. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW EXACT LOCATIONS OF DEVICES. REFER TO WALL PANEL AND OTHER DRAWINGS FOR EXACT LOCATIONS OF J-BOXES, ETC.
7. WIRE SWITCH FOR INTERIOR LIGHTS IN PARALLEL W/ OCCUPANCY SENSOR CONTACTS SO SWITCH CAN OVERRIDE OCCUPANCY SENSOR TO TURN LIGHTS ON.

WIRE SIZE	1/2" EMT	3/4" EMT
14	TYPE THHN 12 MAX	TYPE THHN 22 MAX
12	TYPE THHN 9 MAX	TYPE THHN 16 MAX
10	TYPE THHN 5 MAX	TYPE THHN 10 MAX

WIRE SIZE	1/2" ENT	3/4" ENT
14	TYPE THHN 10 MAX	TYPE THHN 18 MAX
12	TYPE THHN 7 MAX	TYPE THHN 13 MAX
10	TYPE THHN 4 MAX	TYPE THHN 8 MAX

WIRE SIZE	1/2" FMC	3/4" FMC
14	TYPE THHN 13 MAX	TYPE THHN 22 MAX
12	TYPE THHN 9 MAX	TYPE THHN 16 MAX
10	TYPE THHN 6 MAX	TYPE THHN 10 MAX



**ONE-LINE POWER DIAGRAM**

N.T.S.

LOAD CENTER/PANEL-C -- SCHEDULE 120/240 VOLT-100 AMP SURFACE MOUNTED					
NUMBER	BREAKER NUMBER	VOLTAGE	POLES	AMPS	DESCRIPTION
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2	2	120	1	20	INSIDE LIGHT / EXHAUST FAN - WOMEN'S
3	3	120	1	20	OUTSIDE LIGHTS
4	4	120	1	20	EXTRA

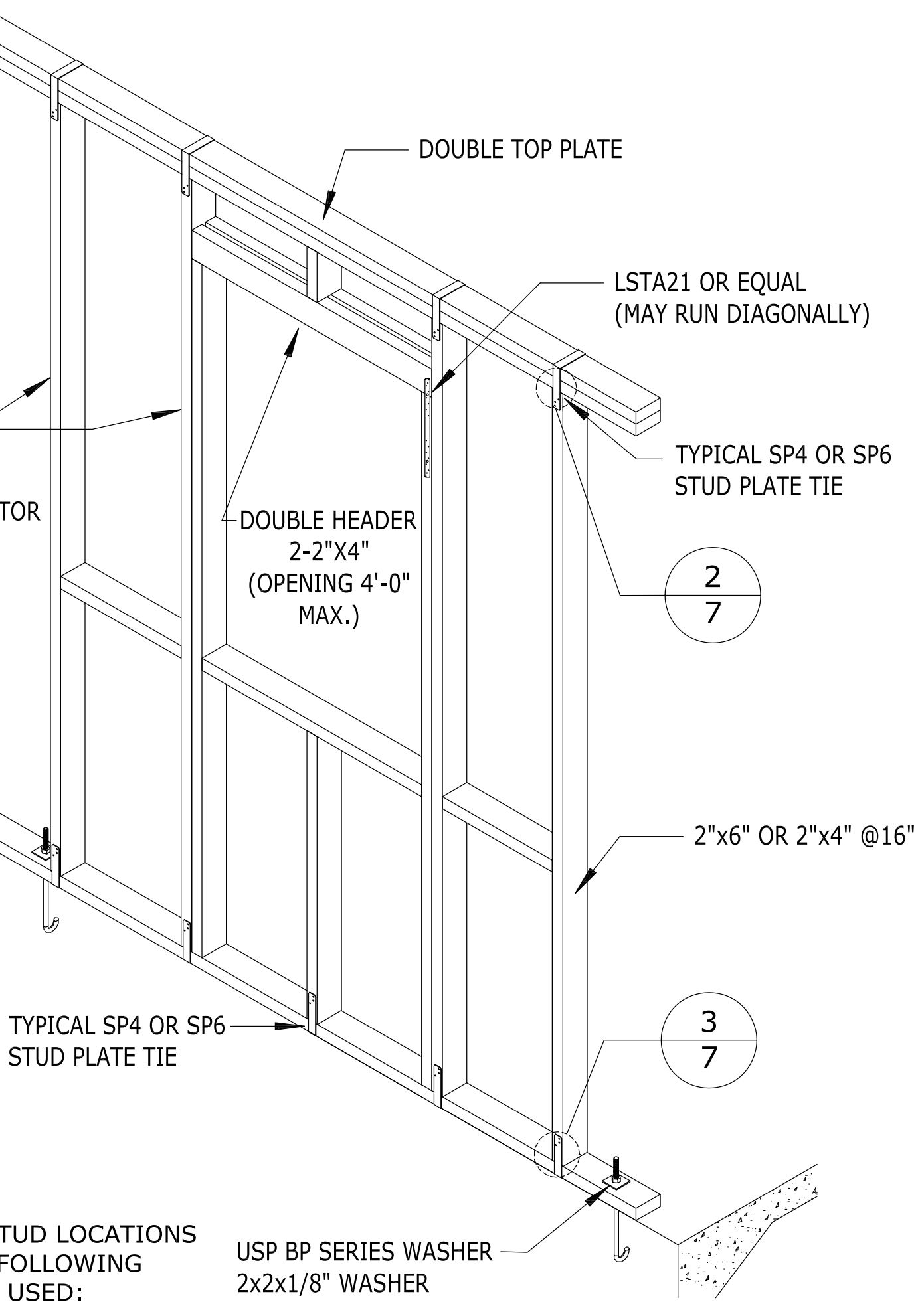
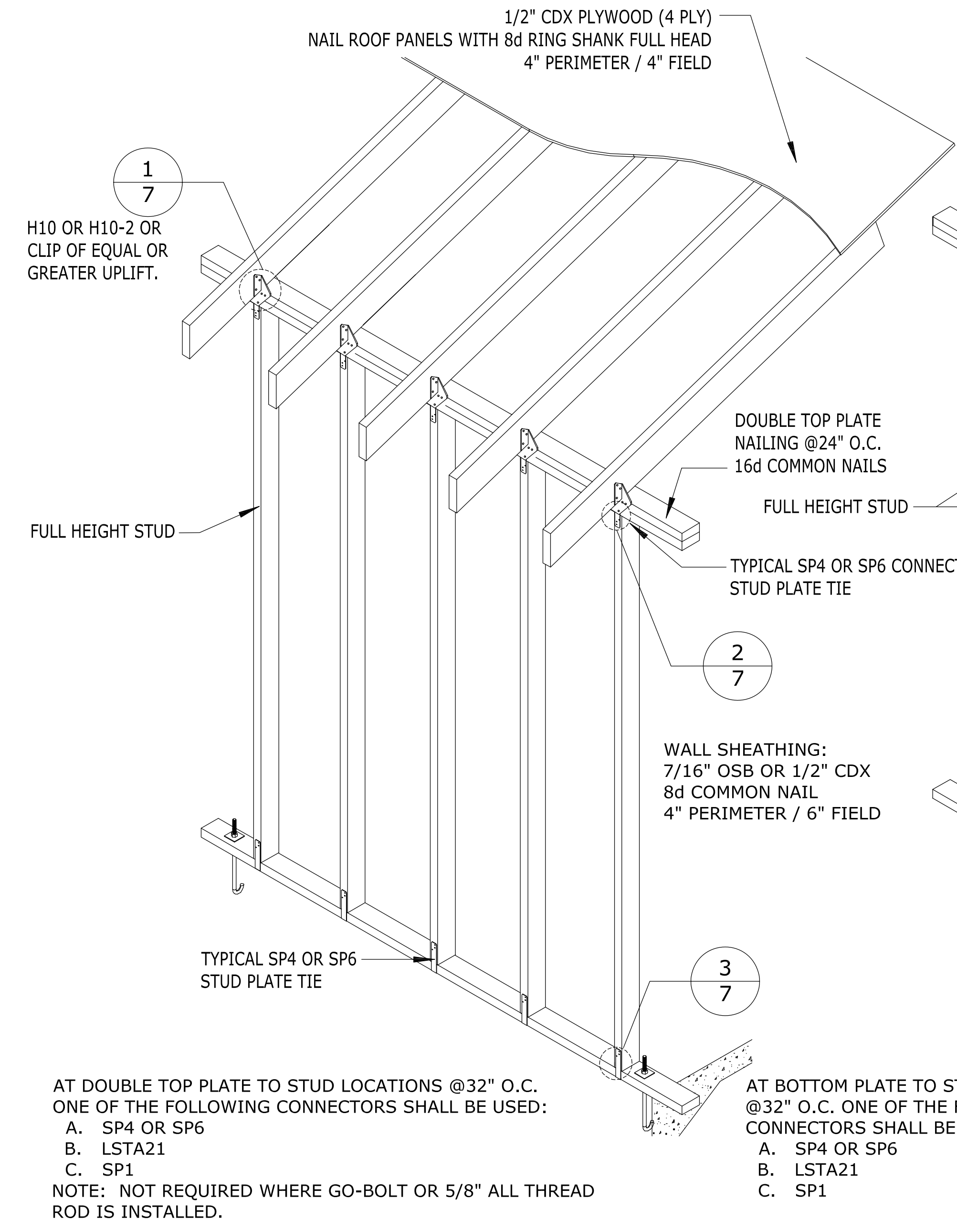
LIGHTING FIXTURE SCHEDULE			
FIXTURE NUMBER	VOLTAGE	WATTS	DESCRIPTION
A	120	88	SURFACE MOUNTED, THREE 32 WATT, 4' FLUORESCENT LAMPS, WRAP AROUND LENS, COLD WEATHER BALLAST
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EXHAUST FAN SCHEDULE							
SYM	MFR	MODEL#	CFM	SONES	VOLTS	AMP	NTS.
EF-1	BROAN	509MG	180	5.0	120	1.5	1

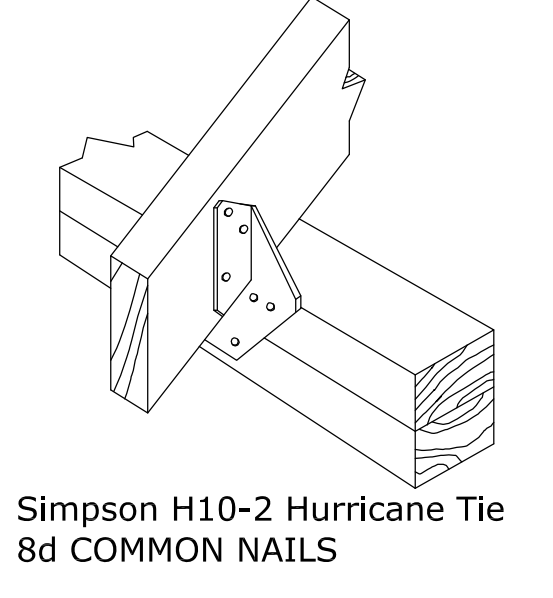
<b>City of Fort Walton Beach</b>			SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES ELECTRICAL - OPTION 2			CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\SW\27A-ADA BATHROOM.DWG			EASEMENTS:	
DATE: 4/11/2016	SCALE: 1/2" = 1'	PROJECT NO.: XXXXX	FIELD BOOK NO.	
DRAWN BY: SLH	CHECKED BY: DJP	SHEET 11 OF 13	DRAWING NO.	
			<b>6A</b>	<b>6-49</b>

REVISIONS		
DATE	DESCRIPTION	INITIALS

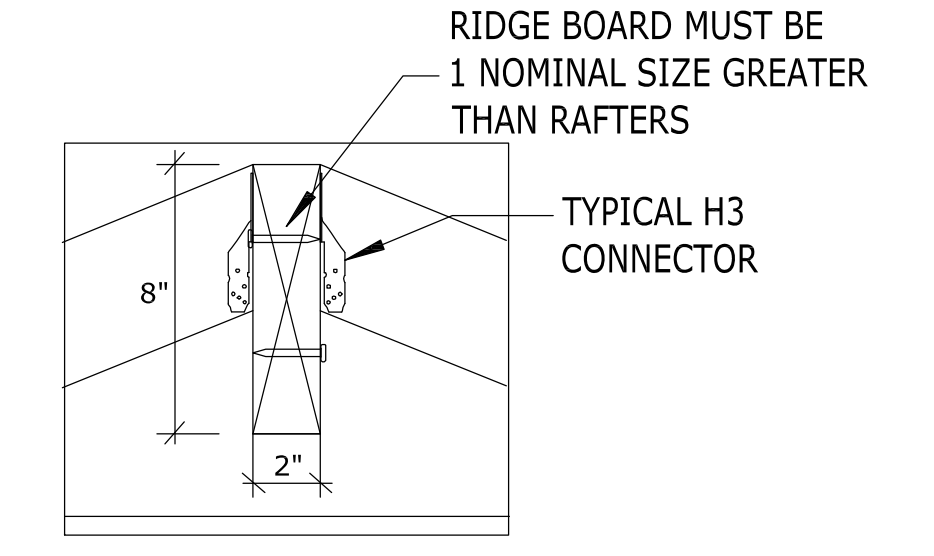
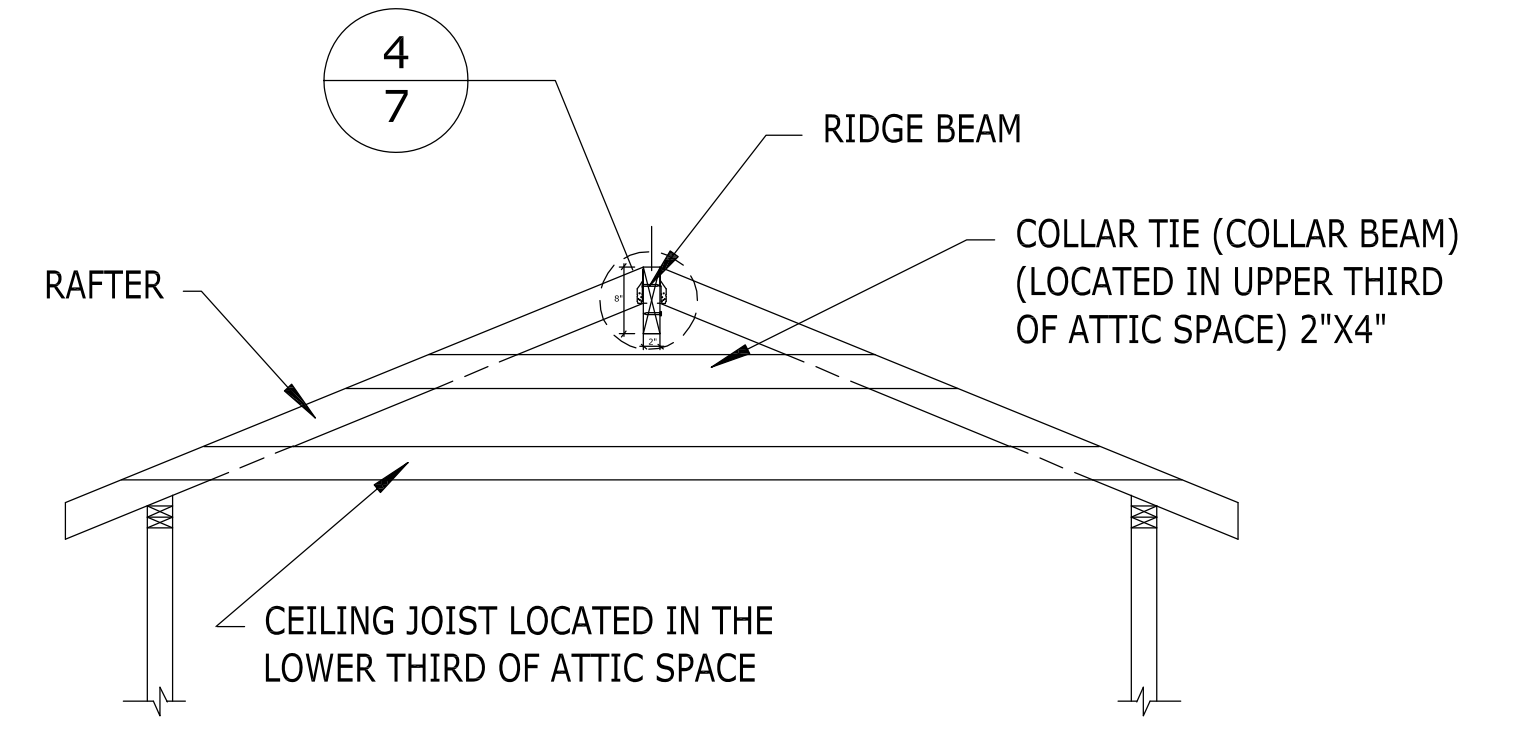
# ELEANOR JOHNSON - ADA BATHROOM FACILITIES DETAILS OPTION 1 - WOOD FRAME CONSTRUCTION



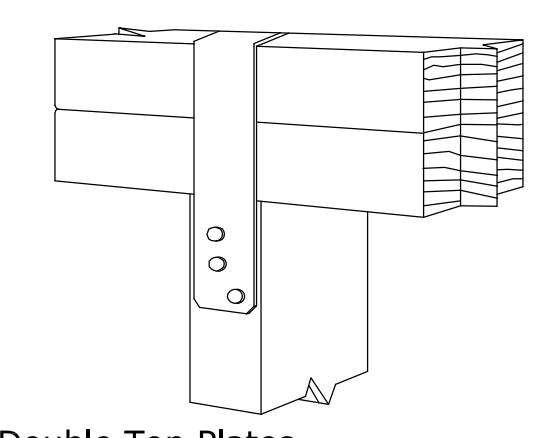
**NOTE:**  
IF USED, RUN 5/8" ALL-THREADED RODS ON 64" CENTERS. PLACE ALL THREADED RODS ON EACH SIDE OF BEARING OPENINGS GREATER THAN 4'-0". TWO (2) ALL-THREADED RODS REQUIRED AT EACH CORNER. ALL-THREADED ARE AN ACCEPTABLE ALTERNATIVE FOR ALL HOLDDOWNS. IF WIND STORM PANELS ARE USED, ONLY ONE (1) 5/8" ALL-THREAD CORNER HOLDOWN IS REQUIRED. SEE WIND STORM PANEL FASTENER DETAIL.



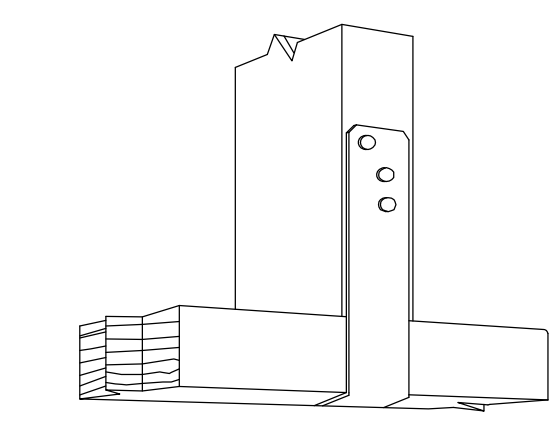
1/7 (H10-2) ROOF DETAIL NOT TO SCALE



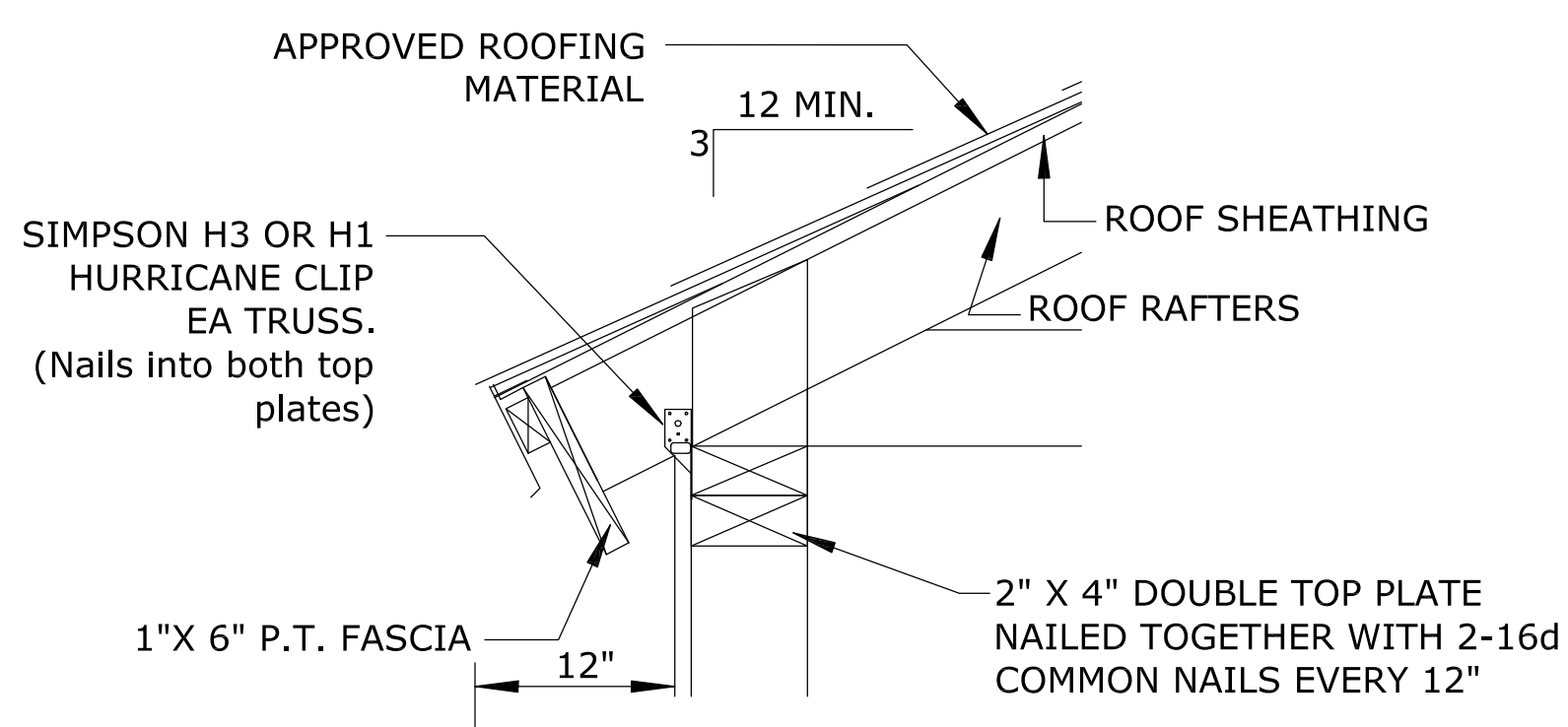
4/7 RIDGE BEAM (NOMINAL SIZES) NOT TO SCALE



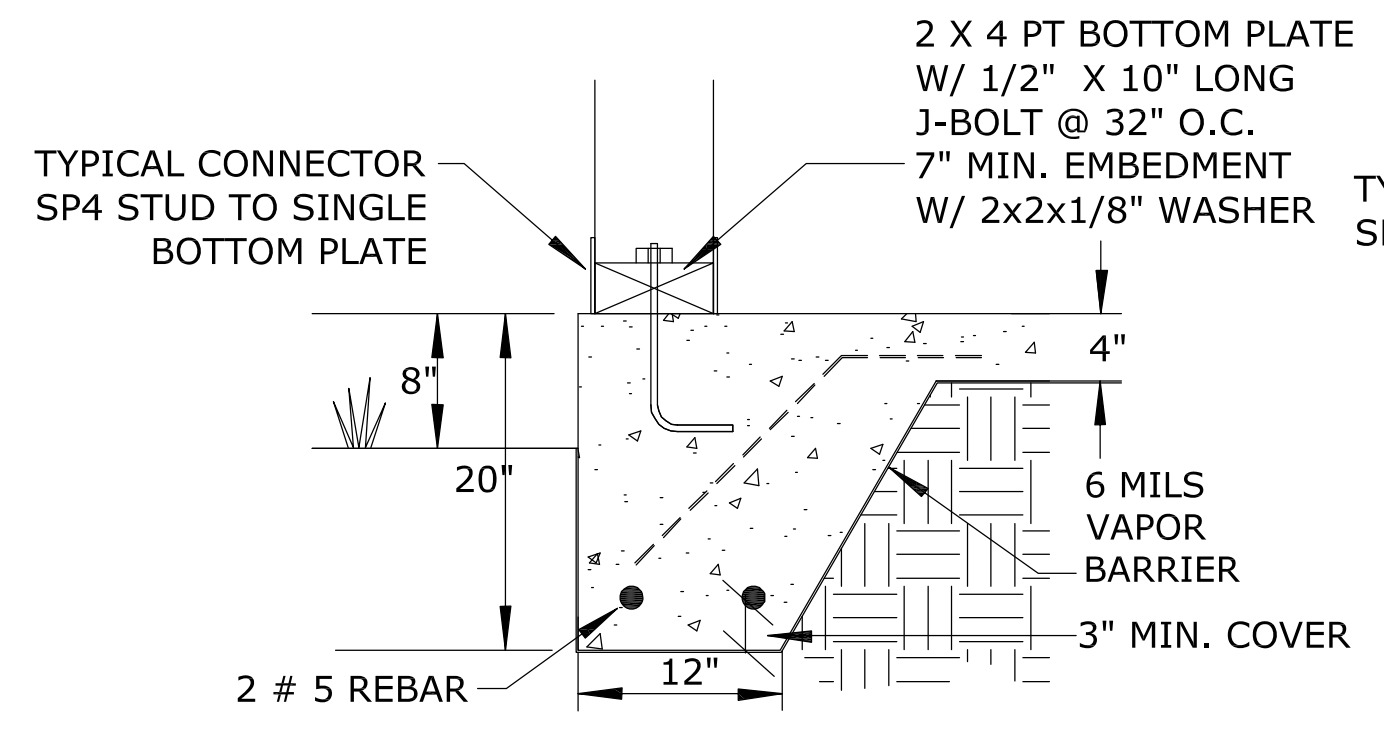
2/7 (1) TYPICAL SP4 OR SP6 STUD PLATE TIE TO TOP PLATE NOT TO SCALE



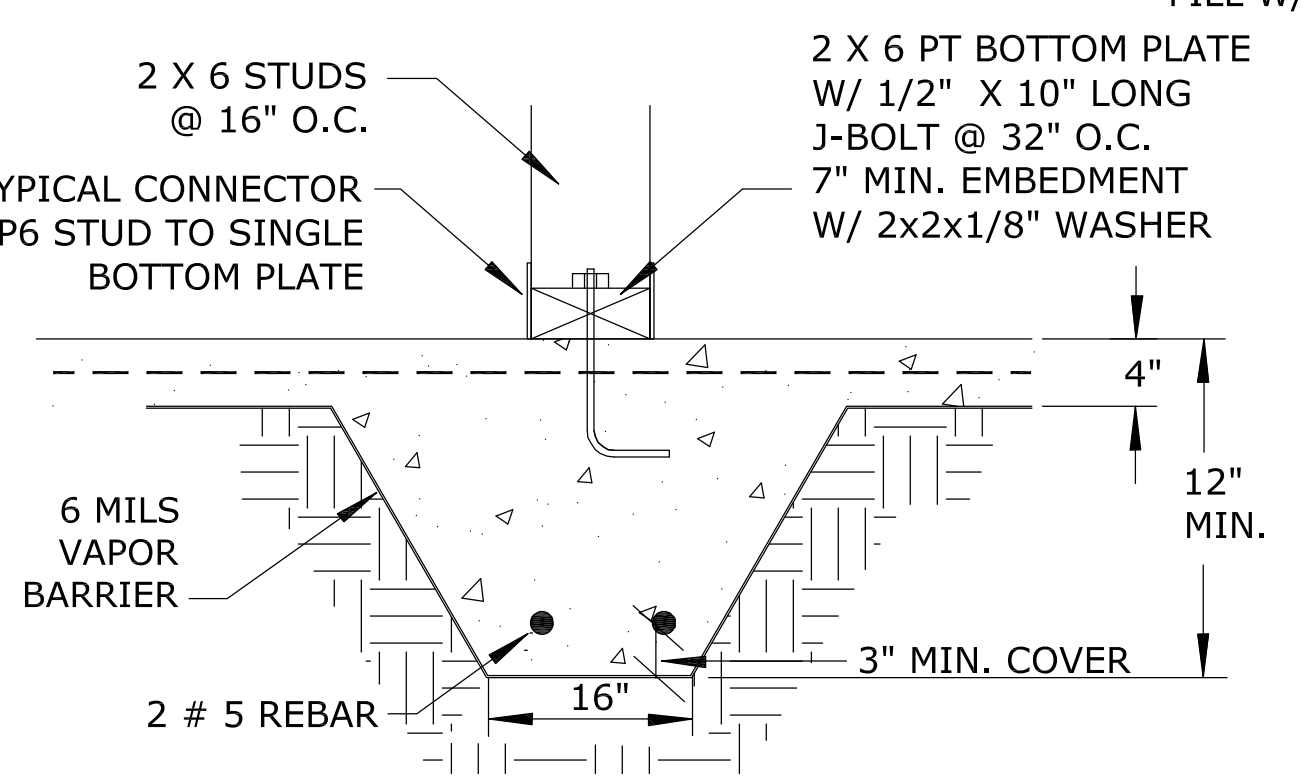
3/7 (1) TYPICAL SP4 OR SP6 STUD PLATE TIE TO BOTTOM PLATE NOT TO SCALE



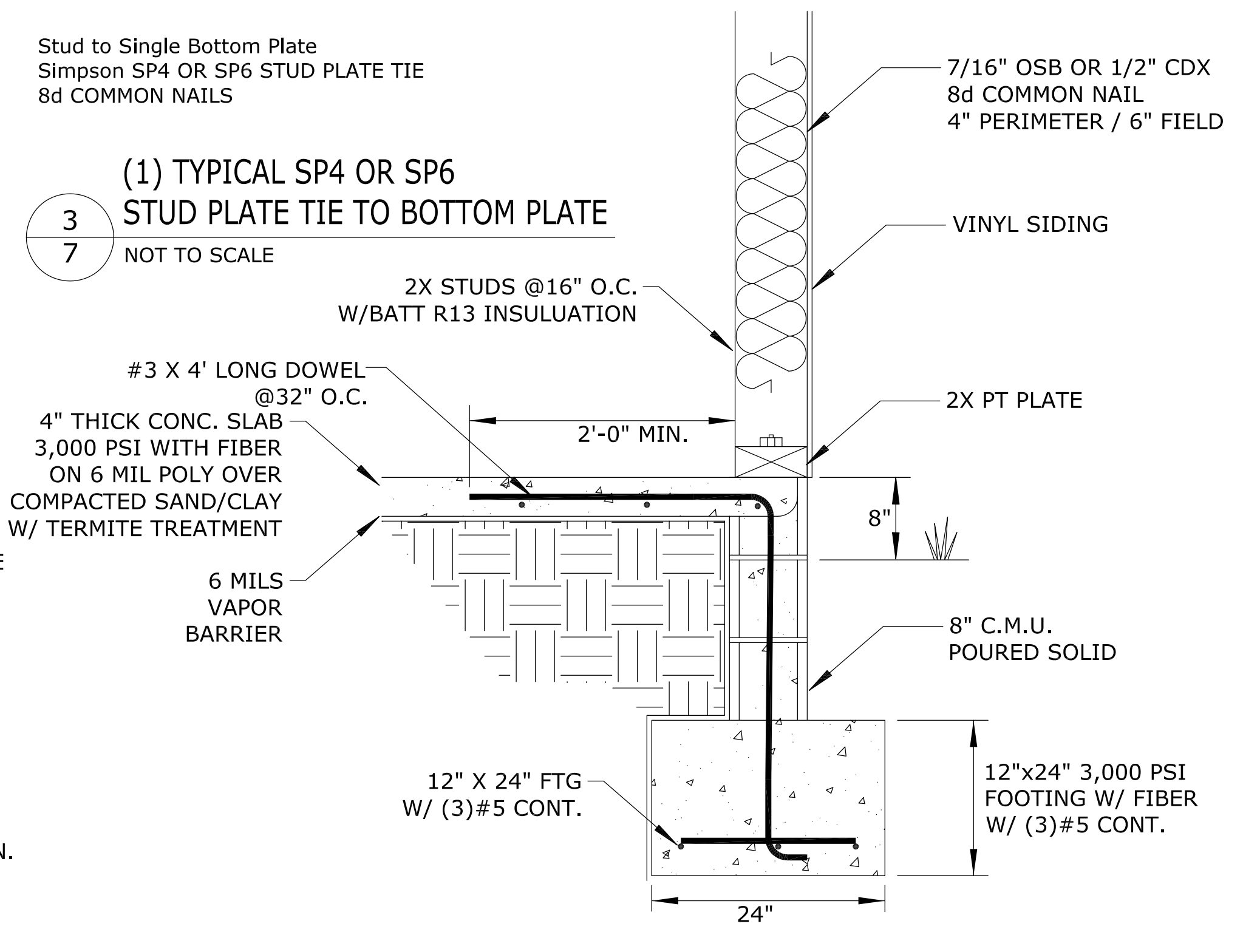
7/7 WALL TO ROOF DETAIL NOT TO SCALE



8/7 FOUNDATION DETAIL NOT TO SCALE



9/7 BEARING WALL FOUNDATION DETAIL NOT TO SCALE

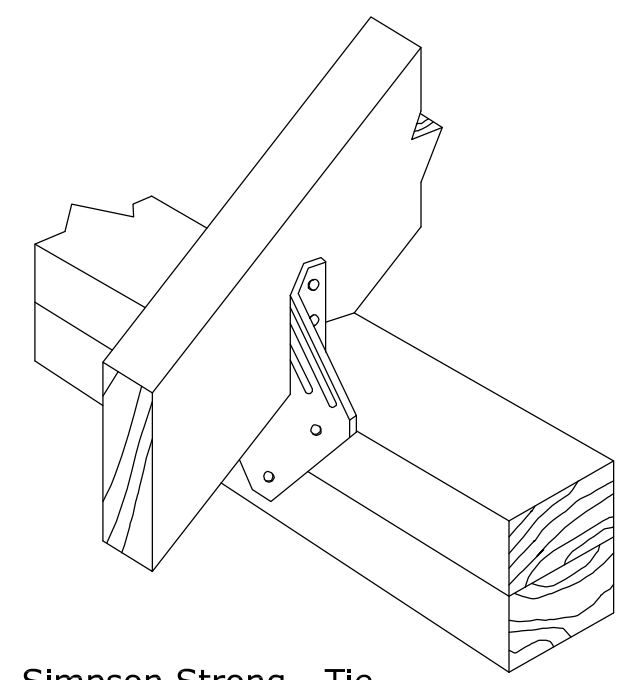


5/7 WALL SECTION STEMWALL DETAIL NOT TO SCALE

City of Fort Walton Beach		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES DETAILS - OPTION 1		CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\SW27A-ADA BATHROOM.DWG		EASEMENTS:	
DATE: 4/11/2016	SCALE: 1/4" = 1'	PROJECT NO.:	DRAWING NO.
DRAWN BY: SLH	CHECKED BY: DJP	XXXXXX	7
		6-49	

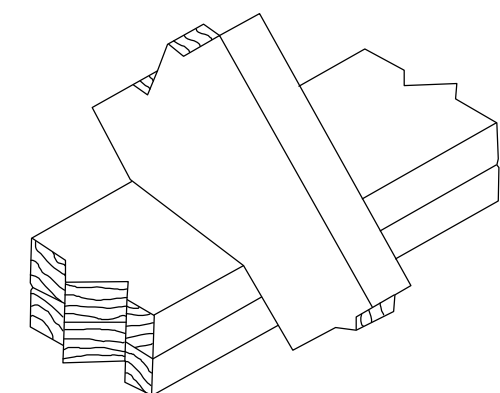
REVISIONS		
DATE	DESCRIPTION	INITIALS

# ELEANOR JOHNSON - ADA BATHROOM FACILITIES DETAILS OPTION 2 - CINDER BLOCK CONSTRUCTION

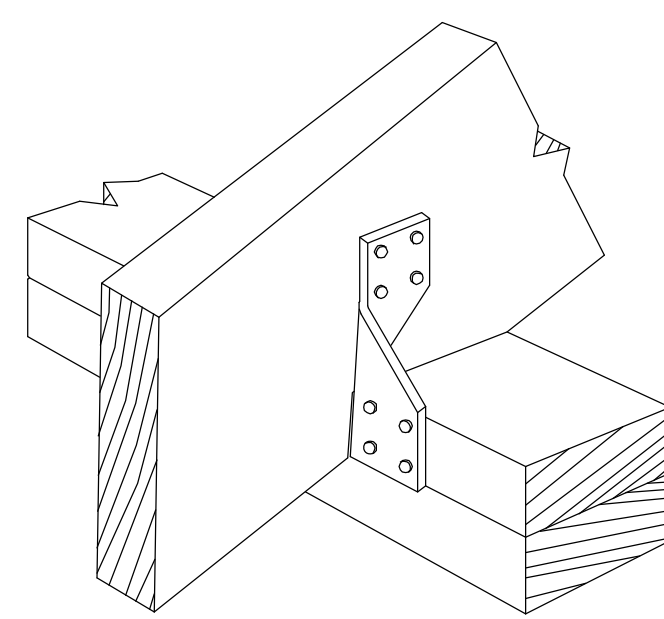


Simpson Strong - Tie  
H1  
10 FASTENERS 8d COMMON NAILS

**1 (H1) ROOF DETAIL**  
7A NOT TO SCALE

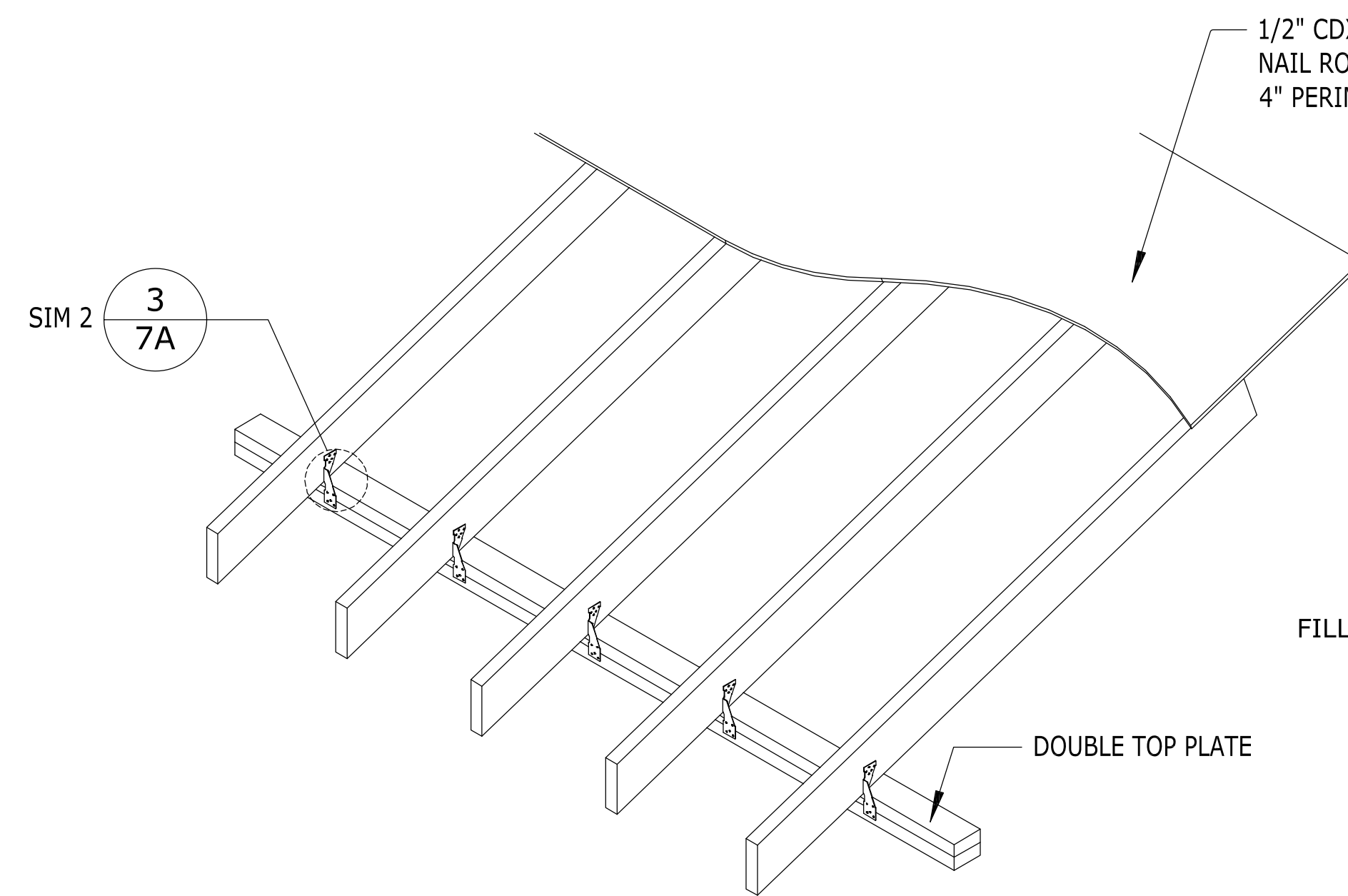


**2 RAFTERS NOTCHED AT TOP PLATE (BIRD MOUTH CUT)**  
7A NOT TO SCALE



Simpson Strong - Tie  
H3  
8 FASTENERS 8d COMMON NAILS

**3 (H3) ROOF DETAIL**  
7A NOT TO SCALE



1/2" CDX PLYWOOD (4 PLY)  
NAIL ROOF PANELS WITH 8D RING SHANK FULL HEAD  
4" PERIMETER / 4" FIELD

DOUBLE TOP PLATE

**3 7A**

#3 X 4' LONG DOWEL  
@32" O.C.

4" THICK CONC. SLAB  
3,000 PSI WITH FIBER  
ON 6 MIL POLY OVER  
COMPACTED SAND/CLAY  
FILL W/ TERMITE TREATMENT

2X STUDS @16" O.C.  
W/BATT R13 INSULATION

7/16" OSB OR 1/2" CDX

VINYL SIDING

2X PT PLATE

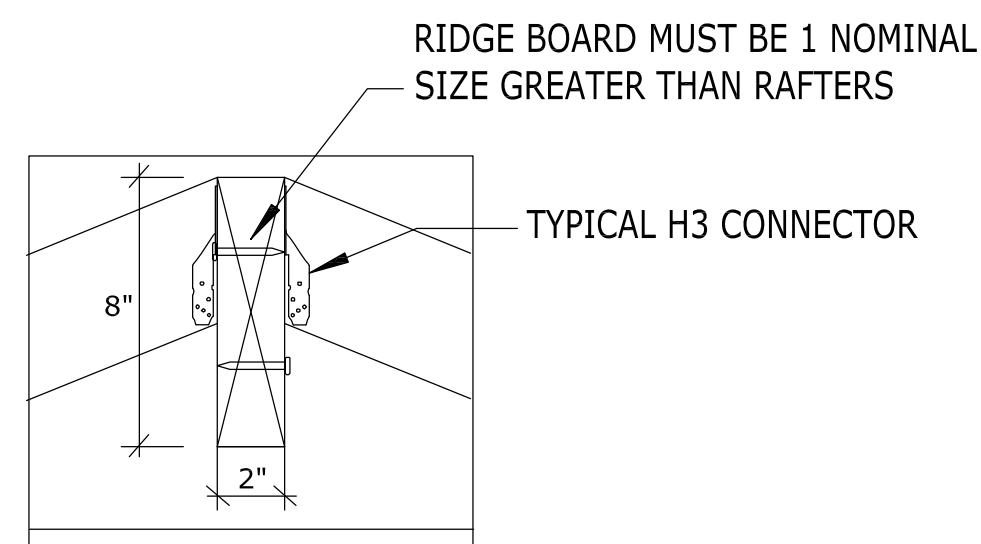
8" C.M.U. POURED SOLID

12" X 24" FTG  
W/ (3)#5 CONT.

12"x24" 3,000 PSI  
FOOTING W/ FIBER  
W/ (3)#5 CONT.

\*COMPACTION TEST REQUIRED

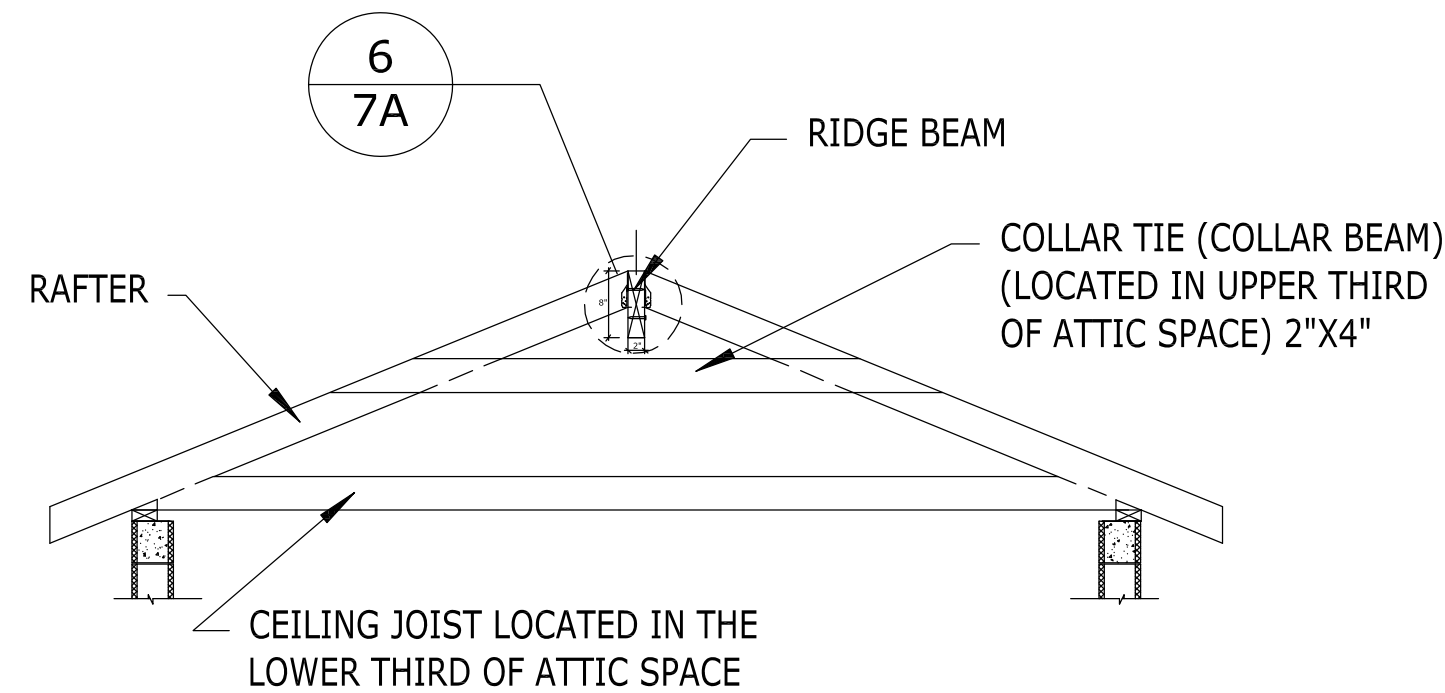
**4 WALL SECTION STEMWALL DETAIL**  
7A NOT TO SCALE



RIDGE BOARD MUST BE 1 NOMINAL  
SIZE GREATER THAN RAFTERS

TYPICAL H3 CONNECTOR

**6 RIDGE BEAM (NOMINAL SIZES)**  
7A NOT TO SCALE

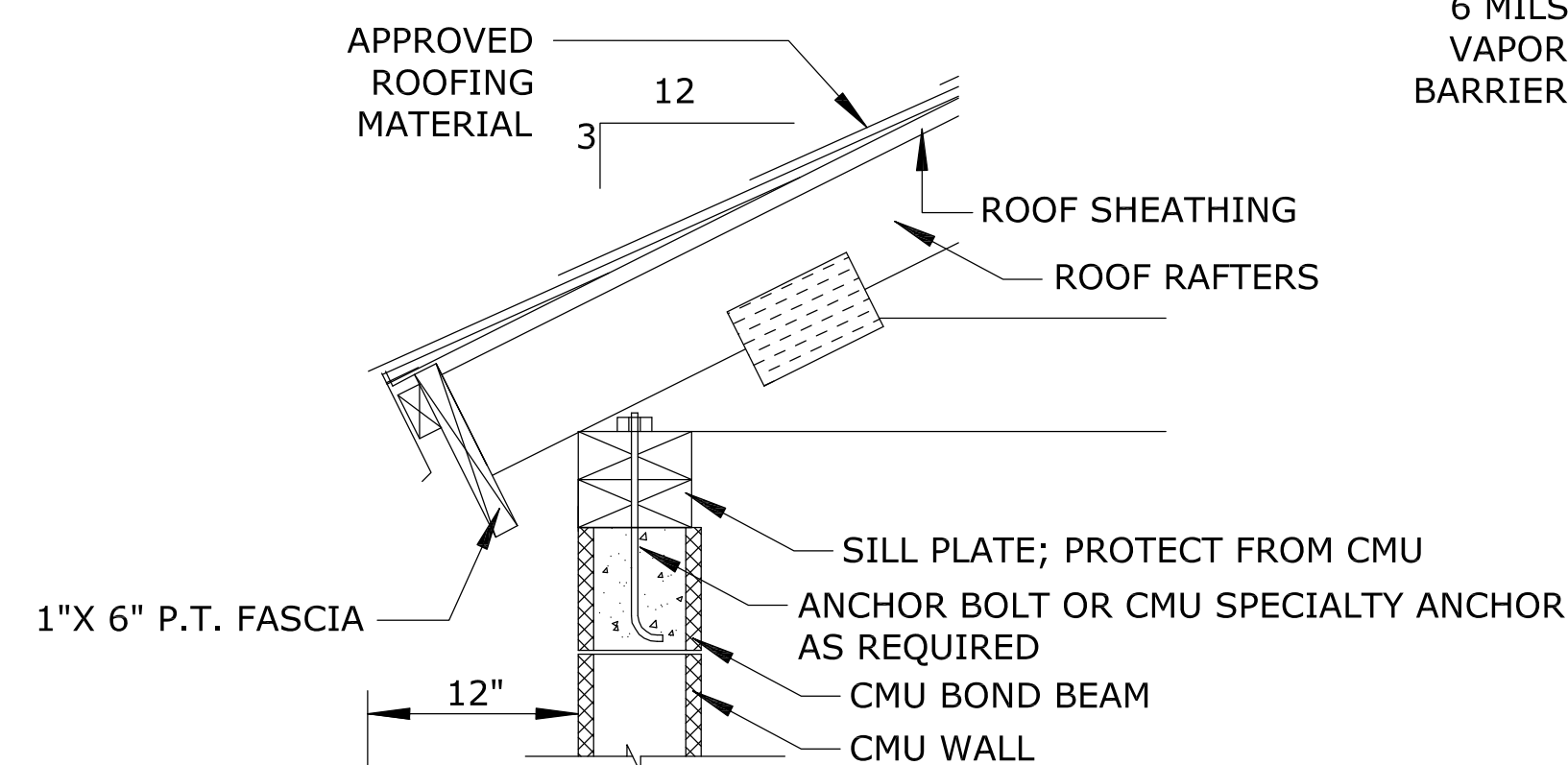


RIDGE BEAM

COLLAR TIE (COLLAR BEAM)  
(LOCATED IN UPPER THIRD  
OF ATTIC SPACE) 2"X4"

CEILING JOIST LOCATED IN THE  
LOWER THIRD OF ATTIC SPACE

**6 7A**



APPROVED  
ROOFING  
MATERIAL

ROOF SHEATHING  
ROOF RAFTERS

1"X 6" P.T. FASCIA  
SILL PLATE; PROTECT FROM CMU  
ANCHOR BOLT OR CMU SPECIALTY ANCHOR  
AS REQUIRED  
CMU BOND BEAM  
CMU WALL

**7 WALL TO ROOF DETAIL**  
7A NOT TO SCALE

#3 X 4' LONG  
BENT DOWEL @32" O.C.

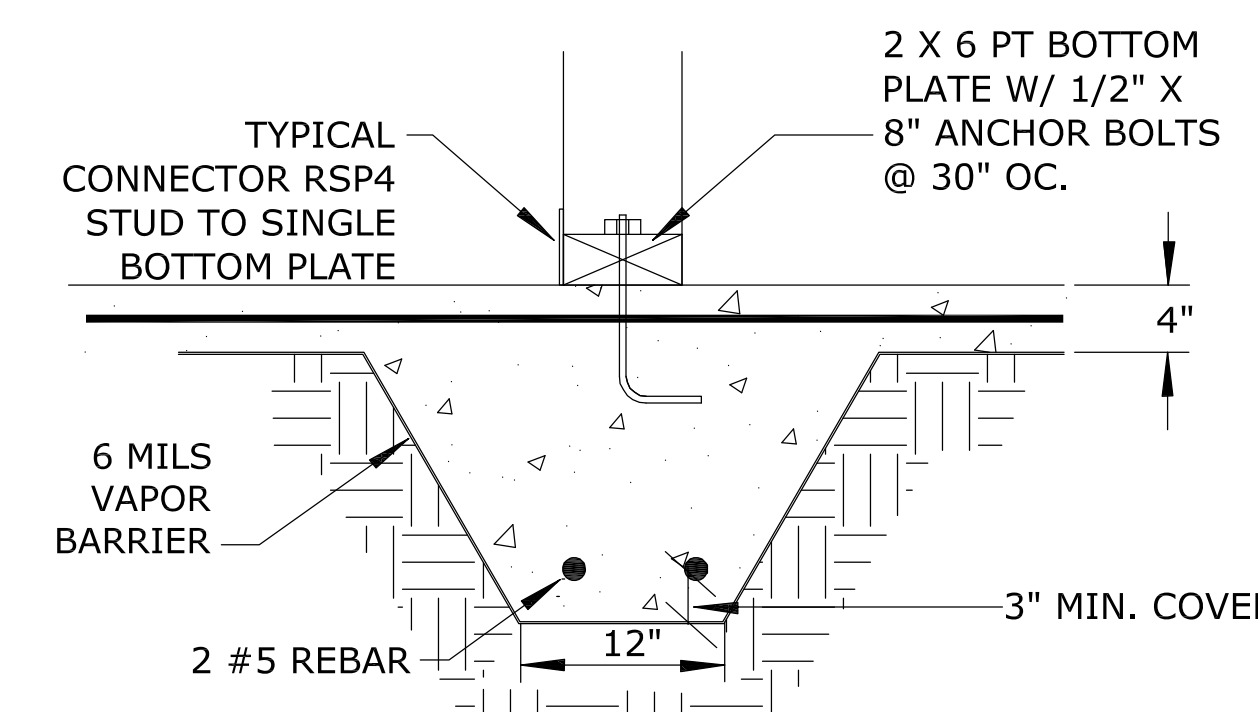
6 MILS  
VAPOR  
BARRIER

12" X 24" FTG  
W/ (3)#5 CONT.

VERTICAL  
REINFORCEMENT  
WIRED TO STARTER  
BARS

8" C.M.U.  
POURED SOLID

**8 FOUNDATION DETAIL**  
7A NOT TO SCALE



2 X 6 PT BOTTOM  
PLATE W/ 1/2" X  
8" ANCHOR BOLTS  
@ 30" OC.

6 MILS  
VAPOR  
BARRIER

2 #5 REBAR

**9 BEARING WALL FOUNDATION DETAIL**  
7A NOT TO SCALE

City of Fort Walton Beach		SUBDIVISION NAME: METES & BOUNDS - FORT WALTON HOUSING AUTHORITY	
TITLE: ELEANOR JOHNSON - ADA BATHROOM FACILITIES DETAILS - OPTION 2		CONSTRUCTION DATE:	
AUTOCAD FILE: \ENGINEERING-CD\SW\27A-ADA BATHROOM.DWG		EASEMENTS:	
DATE: 4/11/2016	SCALE: 1/4" = 1'	PROJECT NO.:	FIELD BOOK NO.
DRAWN BY: SLH	CHECKED BY: DJP	XXXXX	13 OF 13
		SHEET	DRAWING NO.
		7A	6-49