



TOWNSHIP of HOPEWELL
MERCER COUNTY

201 WASHINGTON CROSSING – PENNINGTON ROAD
TITUSVILLE, NEW JERSEY 08560-1410

PROJECT / APPLICATION

BLOCK:

LOT:

ADDRESS:

PROJECT NAME:

PLANS

**PUMP STATION
CONTROL BUILDING
DETAILS**

PROPOS
RETAININ
(TYP.)

TW 190.00
B'Y 189.00
6" FORCE MAINS

TW 191.00
BW 186.00

TW	190.00
BW	189.50

TW 192.50
BW 179.50

TW 191.50
BW 179.50

SEE CIVIL SITE PLANS FOR
ALIGNMENT OF WATER LINES

- 12' MANUAL
HINGE GATE

ASPHALT PAVED SURFACE

EMERGENCY
GENERATOR O
CONCRETE PA

14'x14'-8" CONTROL
F.F. = 206.5

LA

[illegible]

1

A diagram of a chromosome consisting of two sister chromatids joined at a central point called the centromere. An arrow points to the centromere.

8' CHAIN LINK PERIMETER FENCE

PUMP STATION LOCATION
LINE TYPE

/

/

/

_____ / _____

/

/

PRELIMINARY AND FINAL MAJOR SUBDIVISION &
PRELIMINARY AND FINAL SITE PLAN FOR
VENUE AT HOPEWELL
PUMP STATION LAYOUT PLAN
BLOCK 93, LOTS 19, 20, 45-01, 46 & 60
TOWNSHIP OF HOPEWELL, MERCER COUNTY, NEW JERSEY

SHEET No.
21
A
OF

Phone: 732-665-5000
FAX: 732-665-5501
NJ Certificate of Authorization
No. 24C60222800

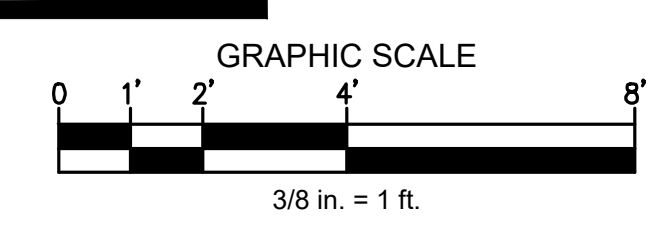
Bowman Consulting Group Ltd
303 W. Main Street
Freehold, New Jersey 07728
bowman.com
E-mail: info@bowman.com

Sam C. Delany

SEAN & DELANY N.J. Professional Engineers P.C. 24C60447100

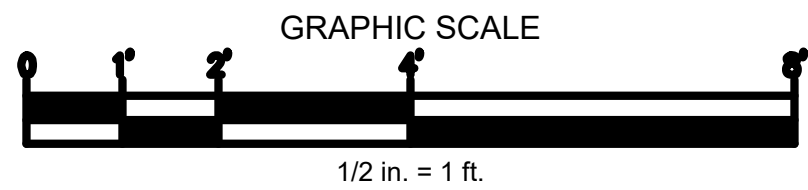
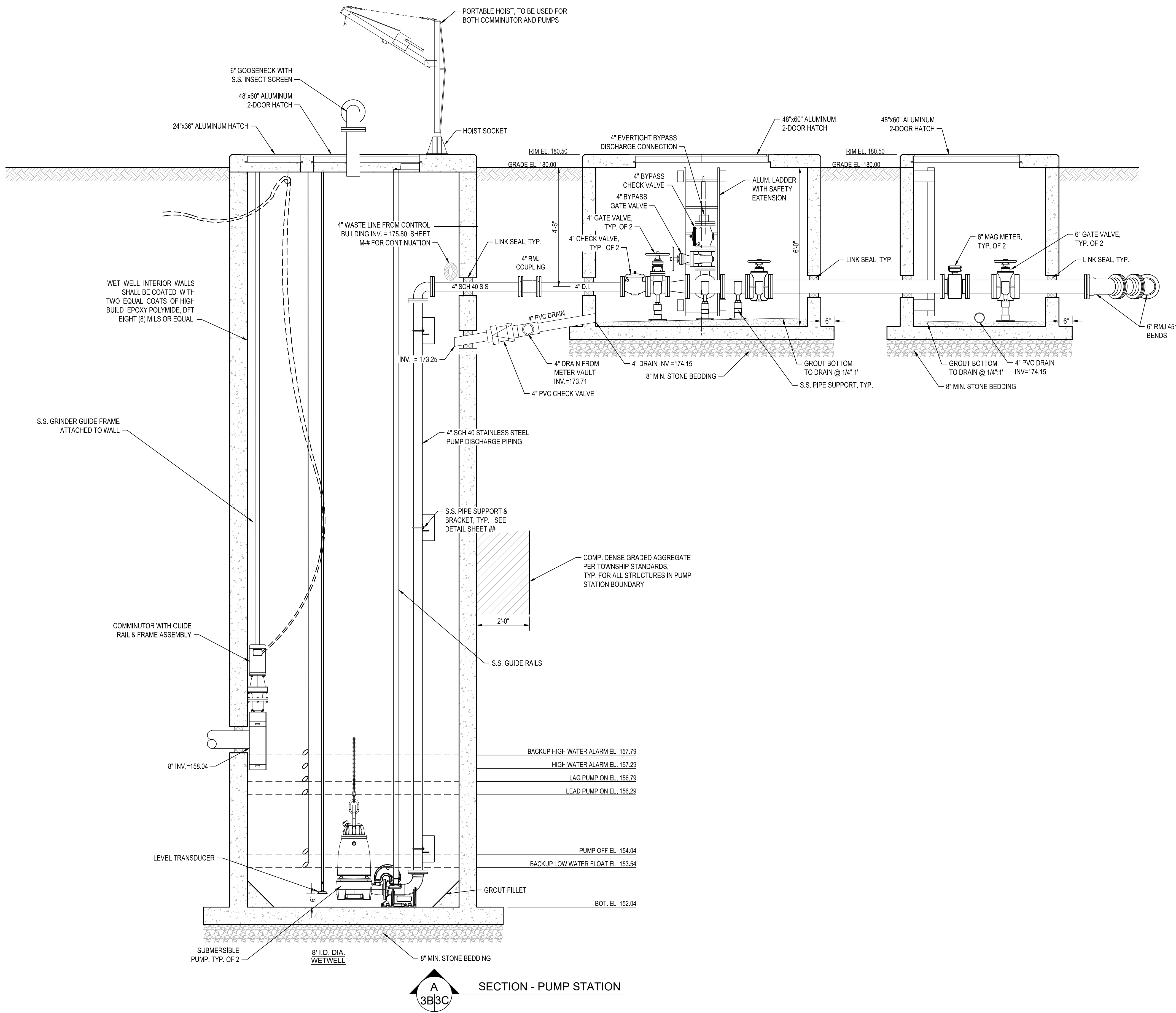
Bowman

[illegible]



HEET No.
21
B
OF

N:\081331 - Nursery Road-Hopewell\081331-01-001 (E02) - Venue at Hopewell -SP-Engineering\Engineering Plans\03 WW Pump Station\14-001-PSA.dwg 09/10/24 11:46:27AM Pds LAYOUT SECTION



PRELIMINARY AND FINAL MAPS SUPERVISION & PRELIMINARY AND FINAL SITE PLANS FOR
VENUE AT HOPEWELL
TOWNSHIP OF HOPEWELL, MERCER COUNTY, NEW JERSEY
BLOCK 83, LOTS 19, 20, 45, 61, 46 & 60

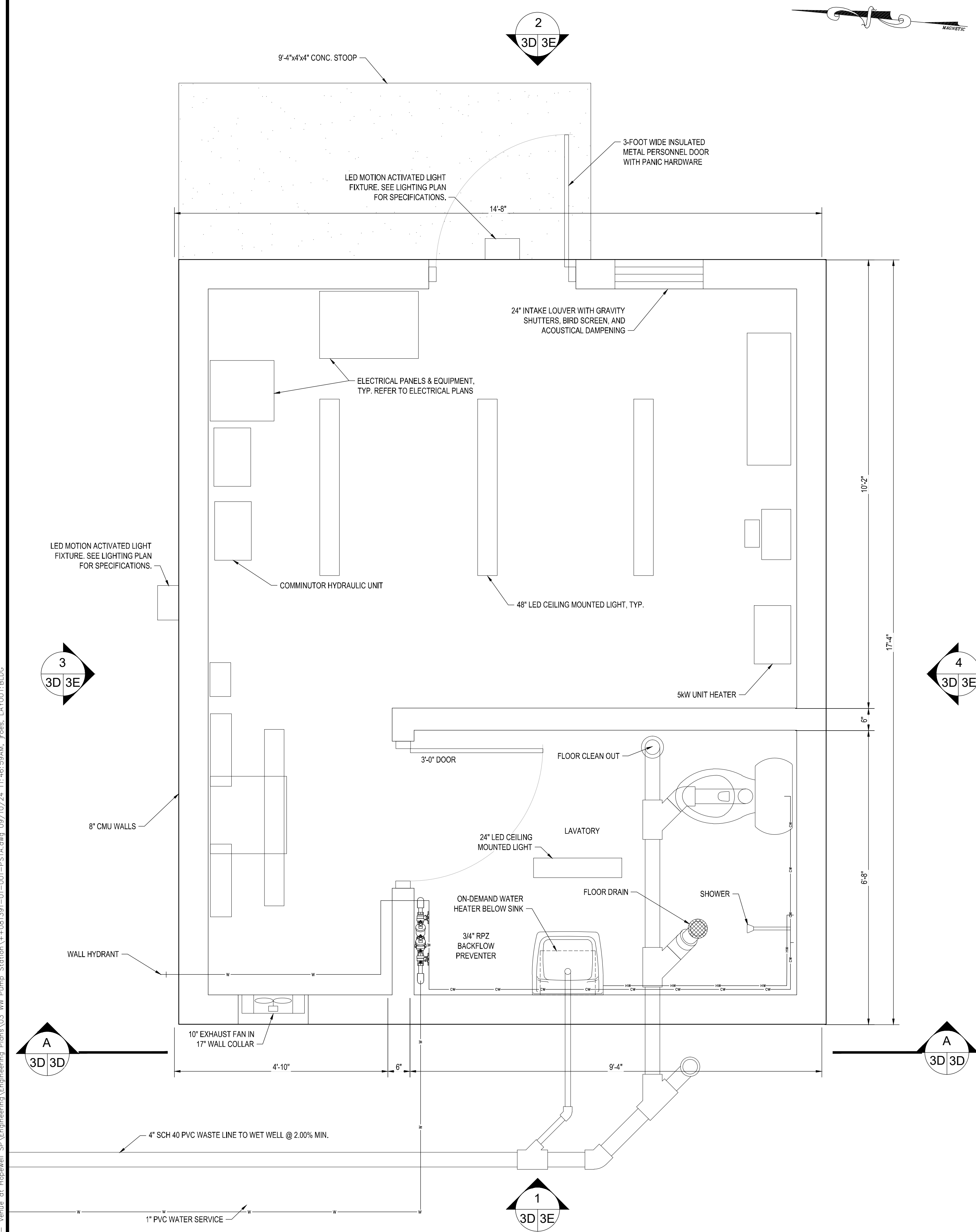
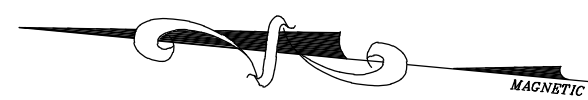
SHEET No.
21
OF
C

Bowman Consulting Group Ltd
350 W. Main Street
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Phone: 732-665-5500
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E-mail: NJ@Bowman.com
NJ Certificate of Authorization
No. 24GA0822900
SEAN A. DELANY, N.J. Professional Engineer, Lic. 24GE0447100

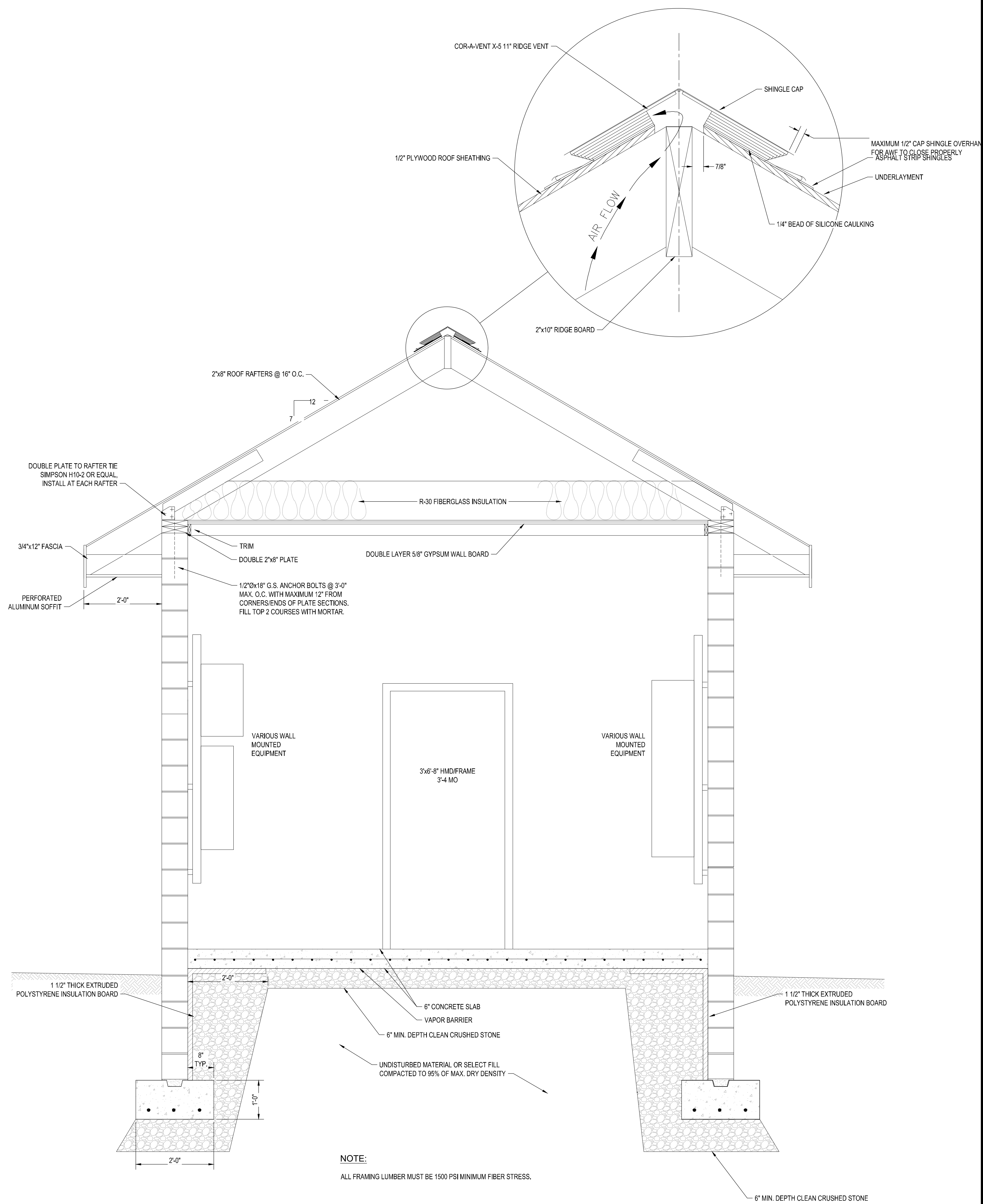
Bowman

PROJ. 081331-01-001
DATE: 06/25/2024
CHKD: SAD
DESIGNED BY: JLD
DRAWN BY: JLD
THE WORK WAS CONDUCTED TO THE BEST OF THE ENGINEER'S KNOWLEDGE AND BELIEF, AND IT IS NOT GUARANTEED THAT THE WORK WILL BE WITHOUT DEFECTS OR WITHOUT THE NECESSITY OF REVISIONS.
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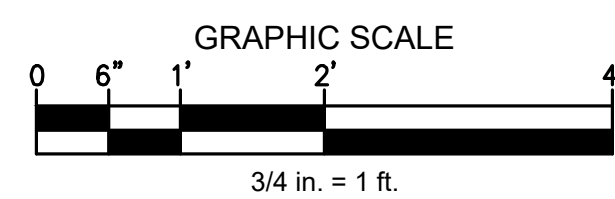
NO.	REVISION	DATE	BY	CHKD
1	REVISED PER PR COMPLETION REVIEW	08/09/24	JLD	SAD
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				



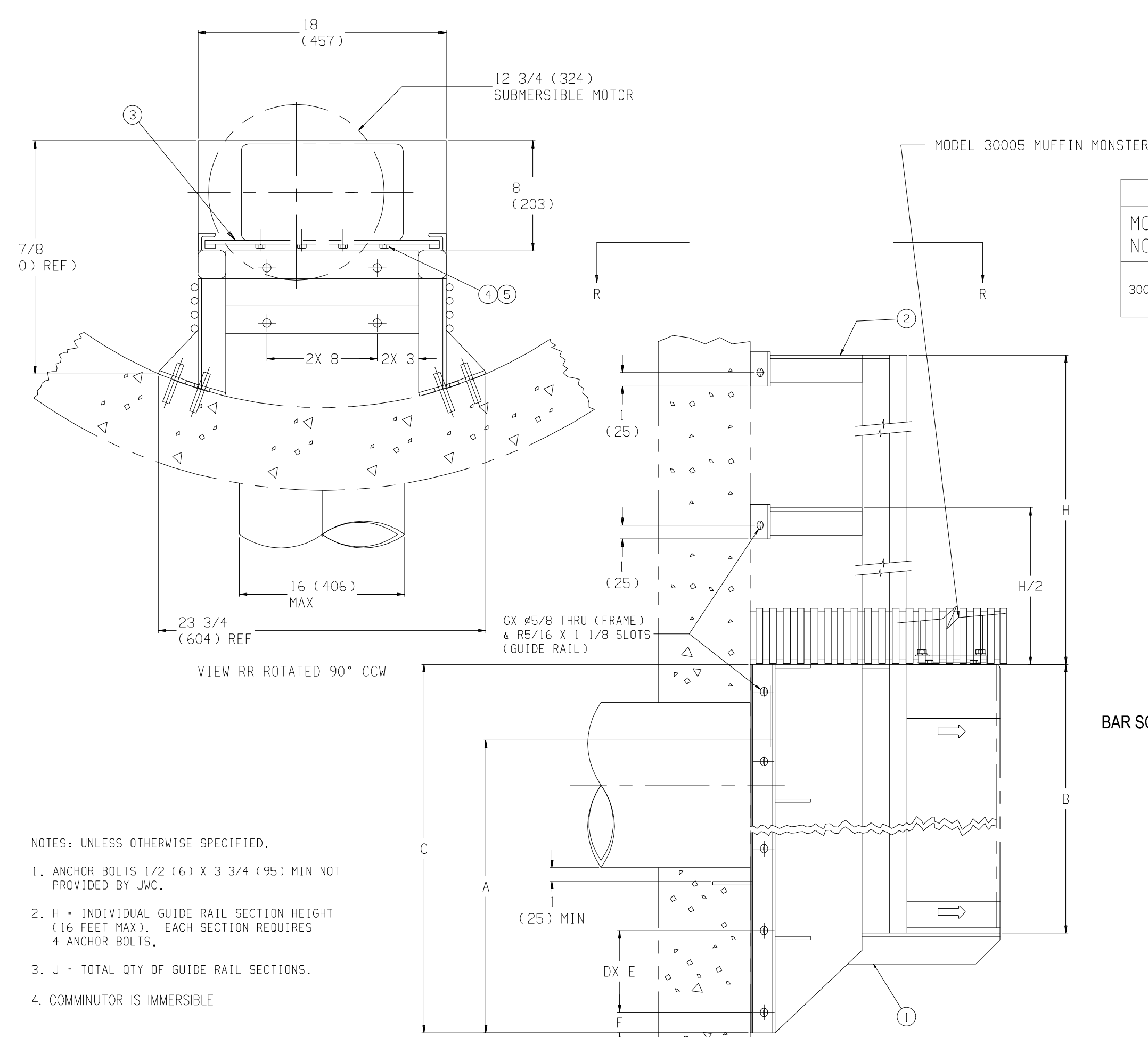
CONTROL BUILDING FLOOR PLAN
SCALE: 3/4 IN. = 1 FT.



SECTION A-A

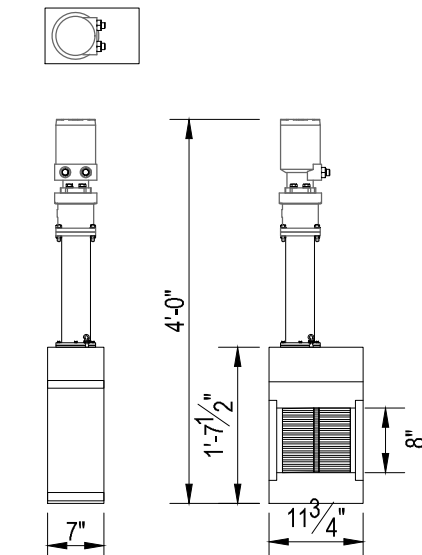
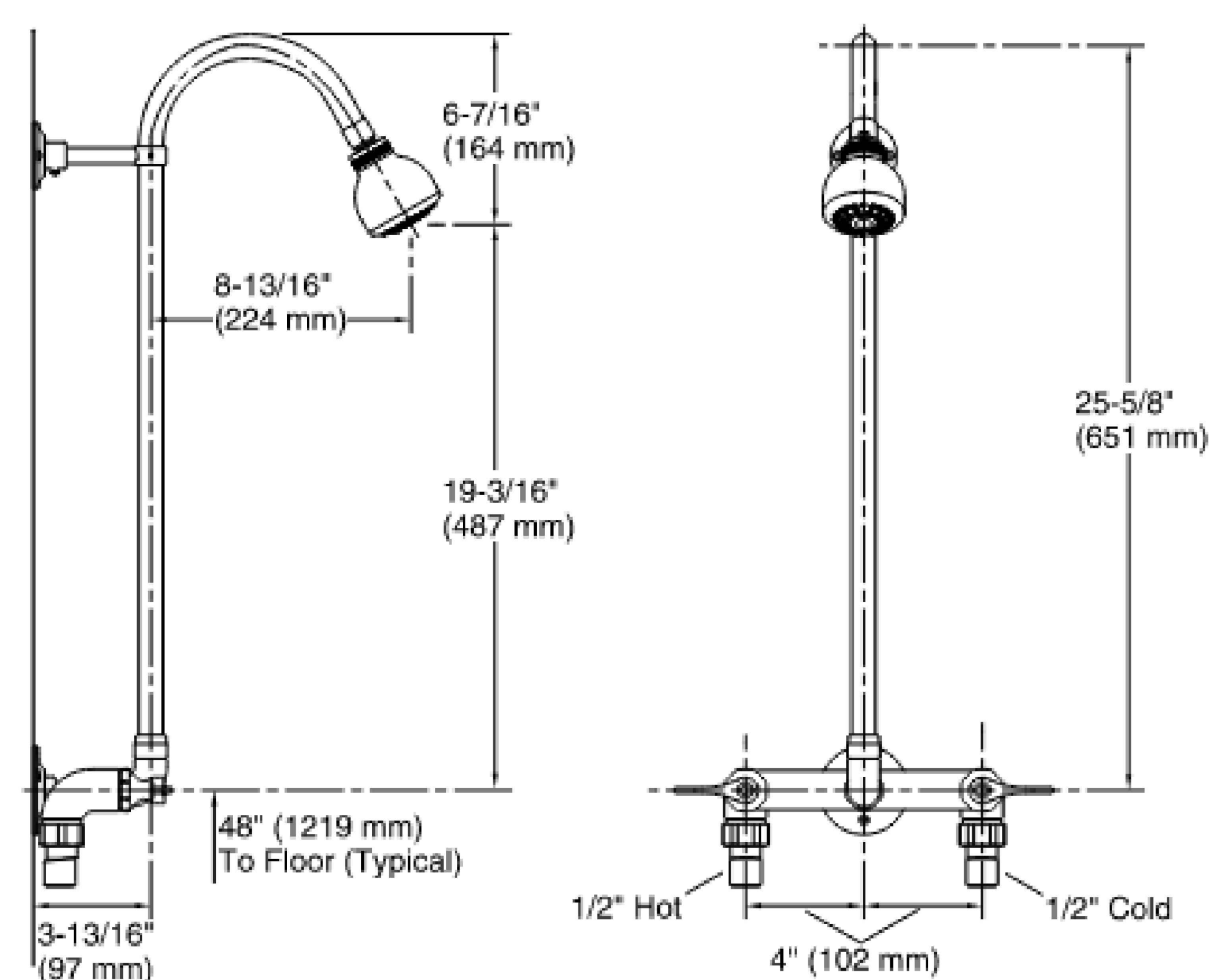






COMMINUTOR MOUNTING DETAIL

NOT TO SCALE



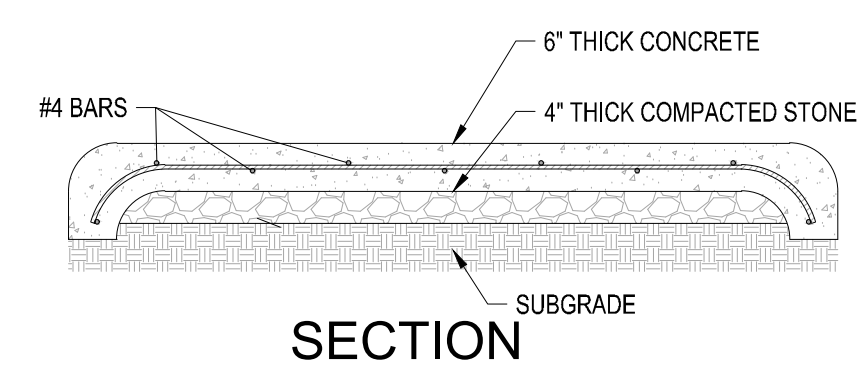
SUPPLIER TO PROVIDE:

1. FRAME TO FIT INLET CHANNEL 1'-6" WIDE X 2'-0" HIGH.
2. GUIDE RAIL ASSEMBLY.
3. HYDRAULIC HOSES.
4. DRIVE UNIT ENCLOSURE.

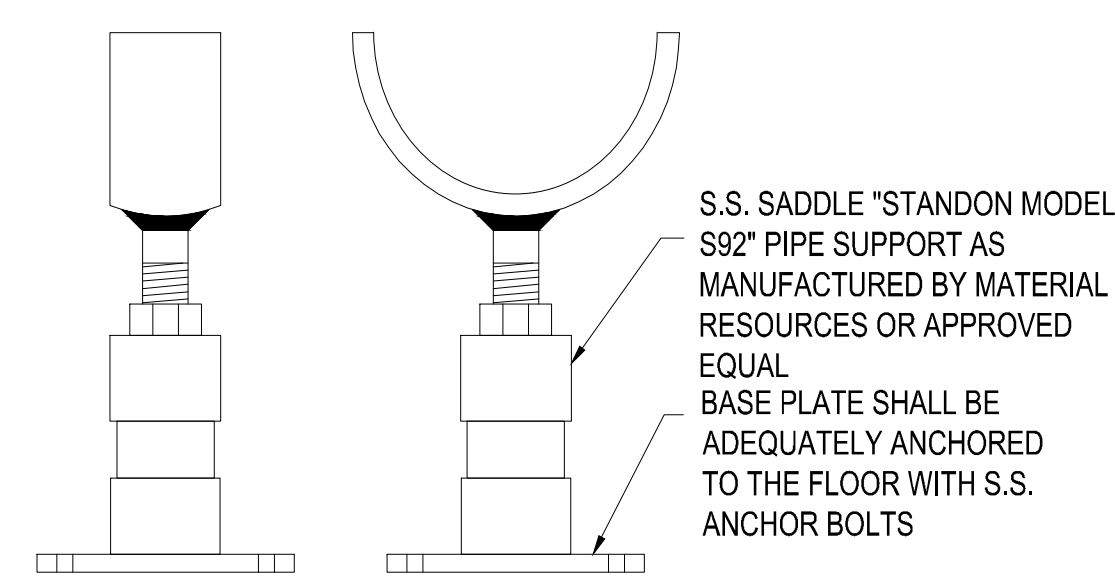
JWC MUFFIN MONSTER
MODEL 30005-0008

DETAIL

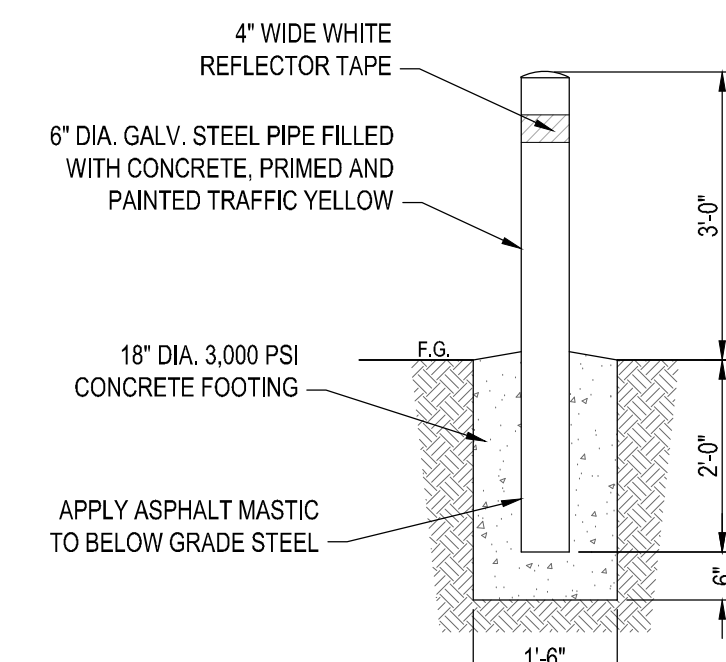
SCALE: 1/2" = 1'-0"



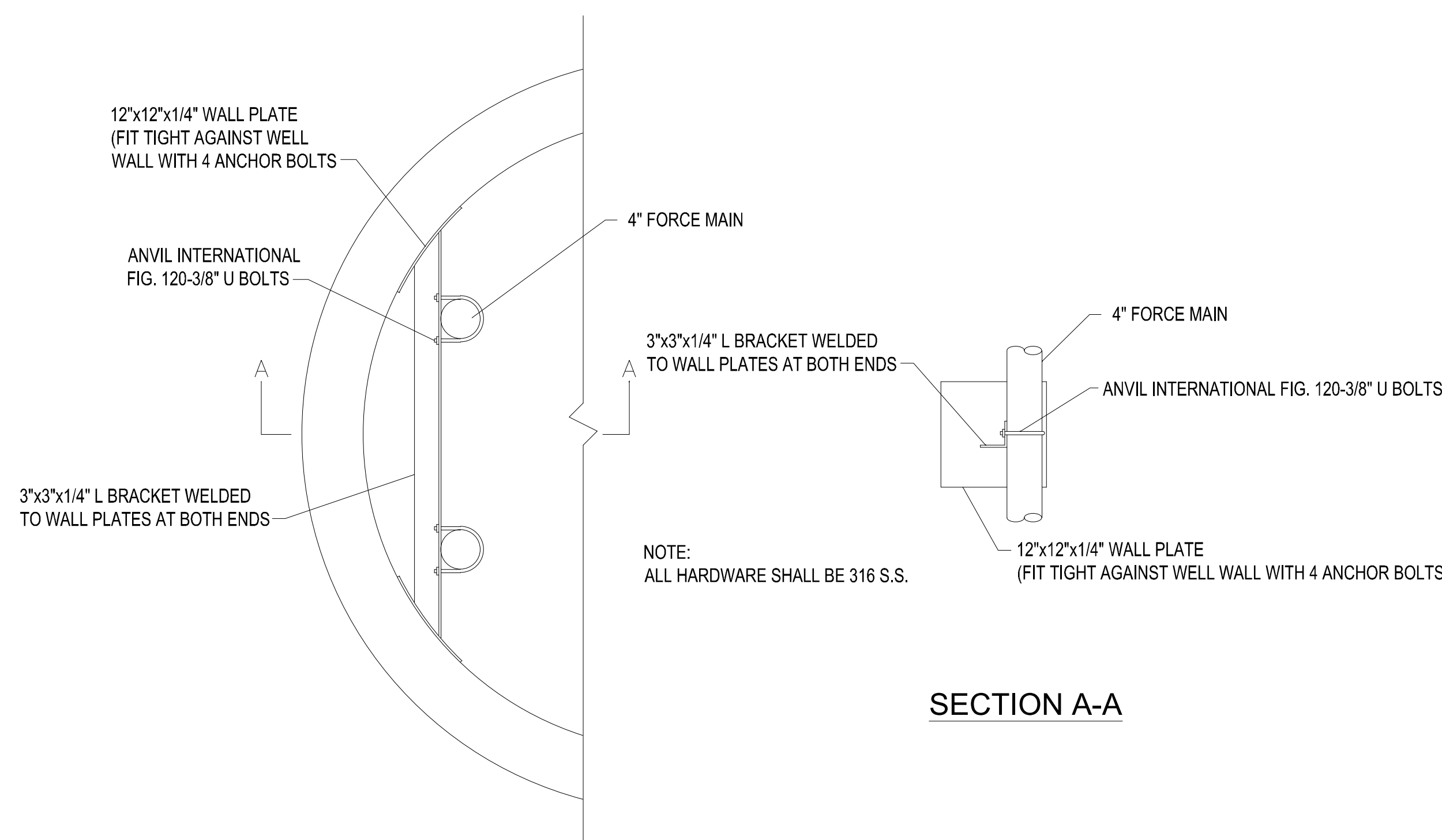
- NOTES:
1. #4 BARS SHALL BE SPACED 12" ON CENTER.
 2. CONCRETE SHALL BE 3000 PSI AND BE SLOPED TO DRAIN



TYPICAL PIPE SUPPORT DETAIL
NOT TO SCALE



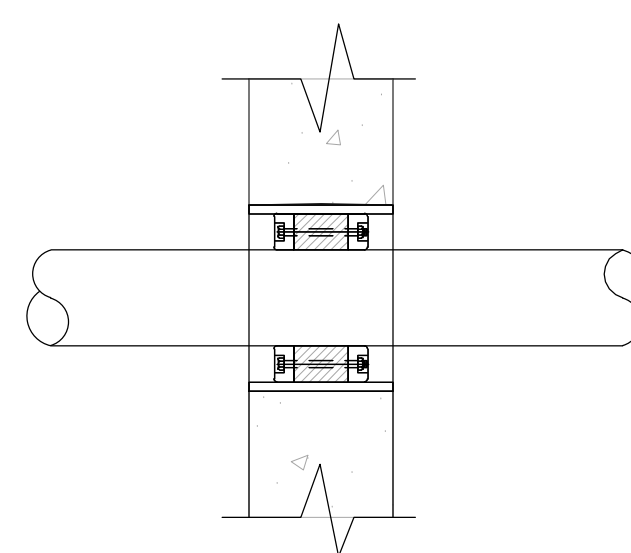
6" BOLLARD
DETAIL
SCALE: 1/2" = 1'-0"



PLAN VIEW

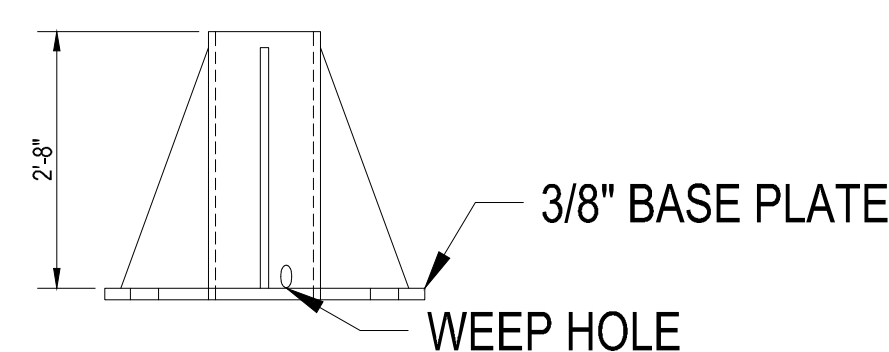
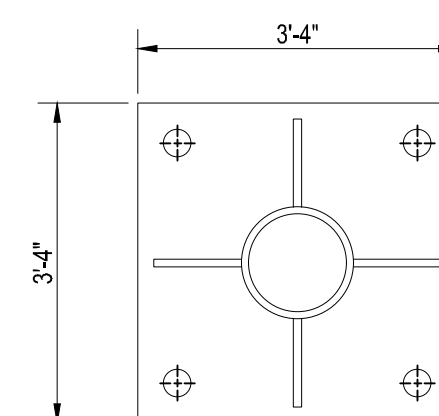
DISCHARGE PIPE SUPPORT DETAIL

NOT TO SCALE

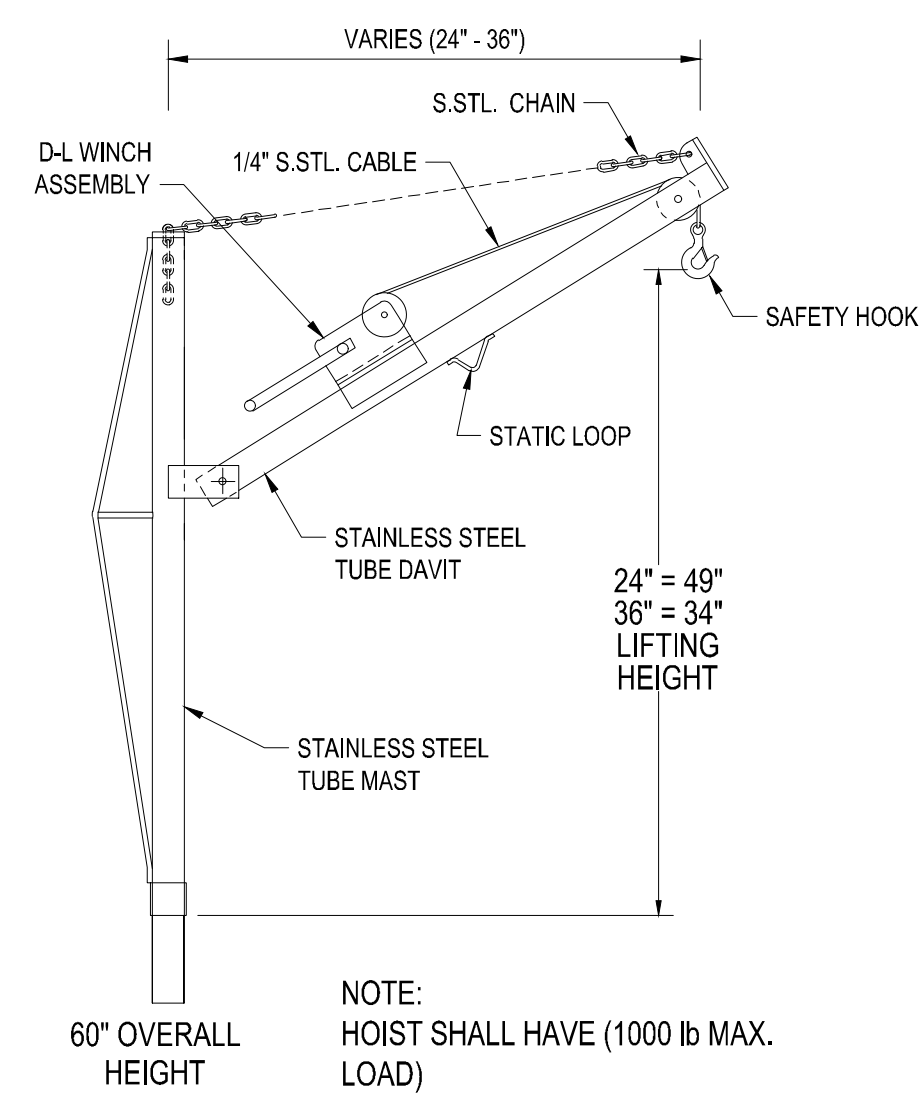


PIPE SIZE (NOM.)	ACTUAL O.D.	LINK SEAL SIZE	LINK PER SEAL	CORE HOLE DIA.
2"	2.375"	LS-300-***	6	4"
4"	4.5"	LS-300-***	10	6"

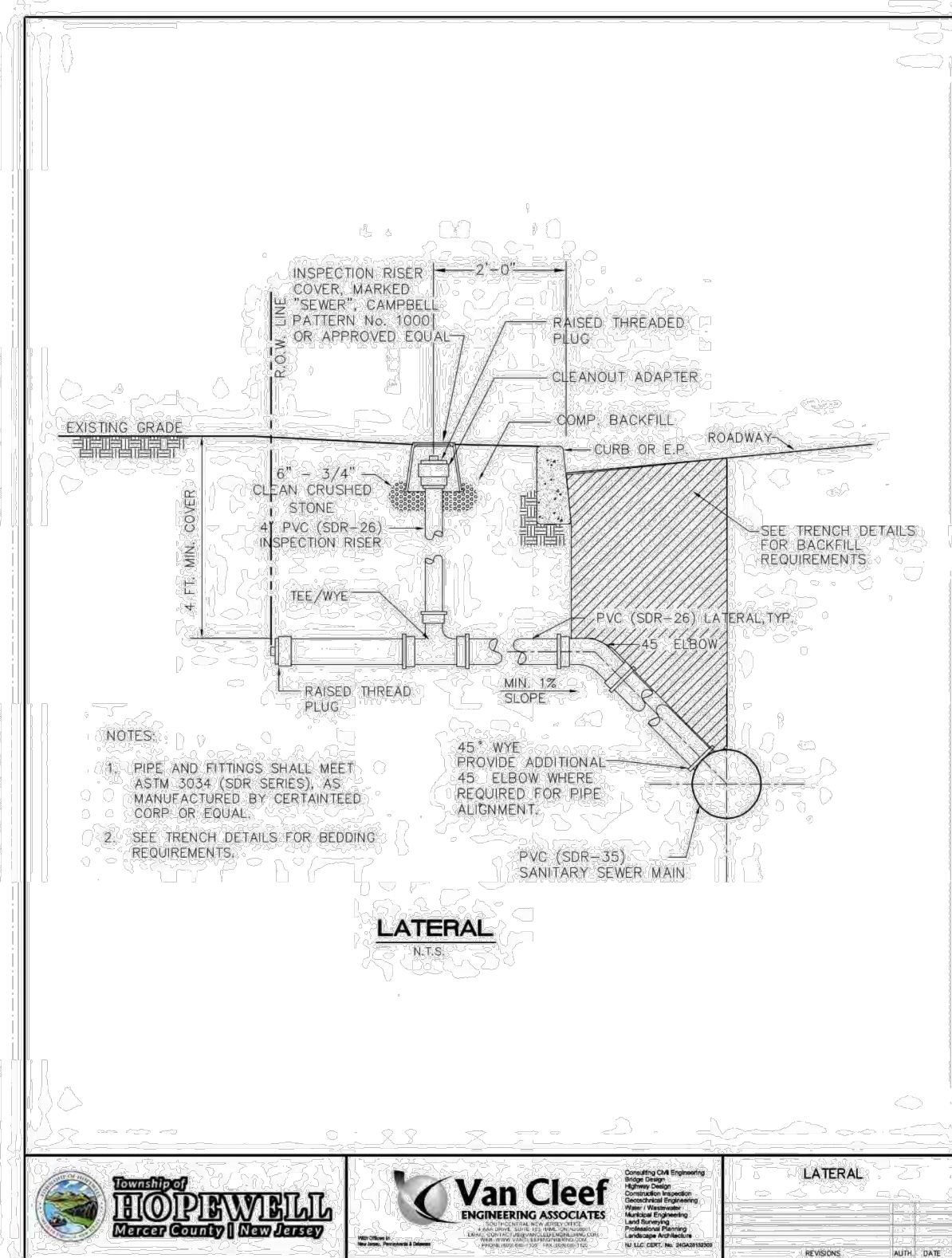
LINK SEAL
CONNECTION
DETAIL
SCALE: NONE



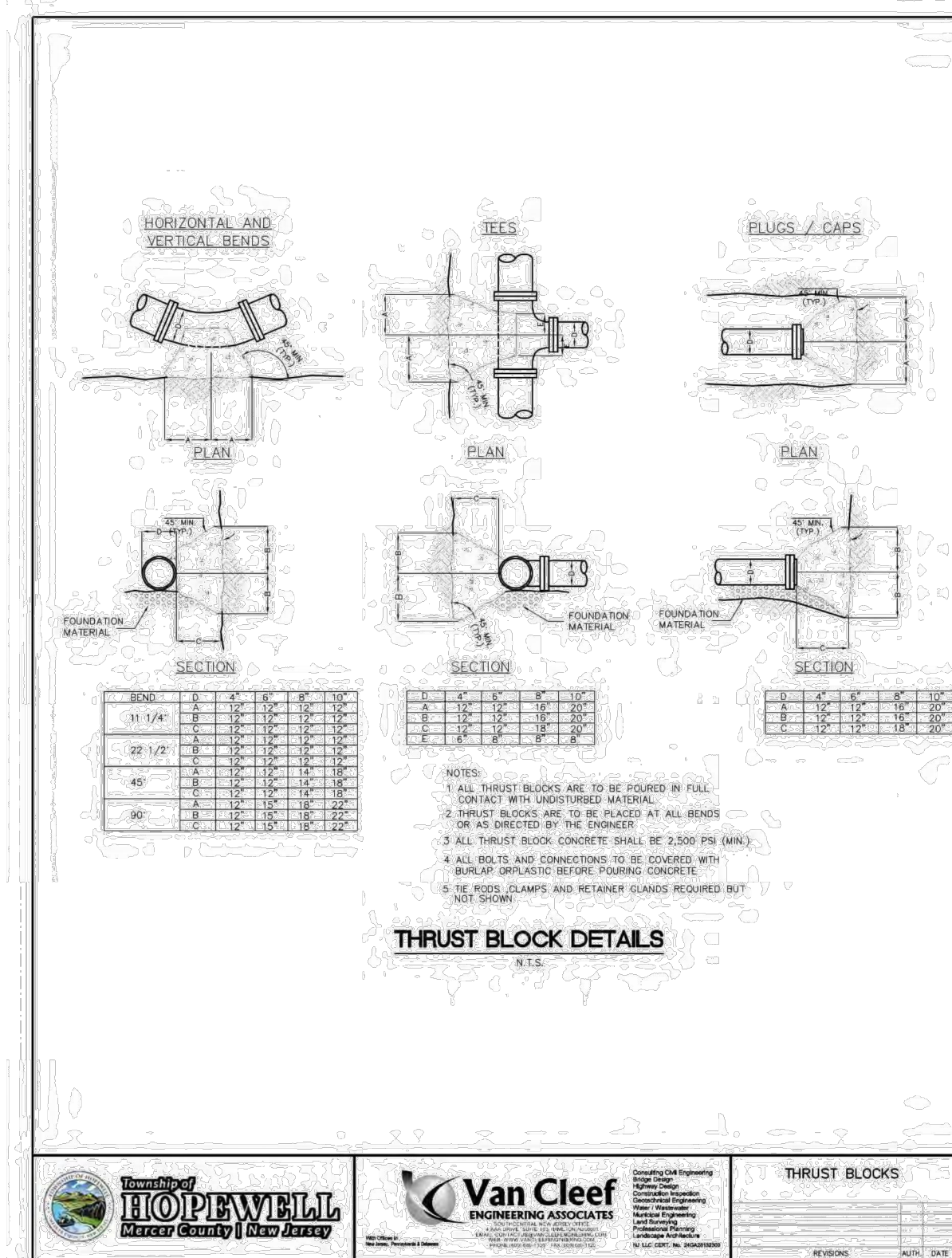
FLOOR MOUNTED
S.S. SOCKET DETAIL
SCALE: 1" = 1'-0"



ADJUSTABLE PORTABLE HOIST DETAIL SCALE: NONE



**HOPEWELL TOWNSHIP
SANITARY SEWER DESIGN STANDARDS**



**HOPEWELL TOWNSHIP
SANITARY SEWER DESIGN STANDARDS**

