

- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE 1.2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS

SEE DETAIL 3/S2 FOR ALL CONCRETE SLAB REINFORCING AND PREPARATION DETAILS

**1 LEFT ELEVATION - TANK #3**  
S12 SCALE: 3/4"=1'-0"

**2 RIGHT ELEVATION - TANK #3**  
S12 SCALE: 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #3 - ELEVATIONS  
PROJECT NUMBER:  
17-122-CG-39

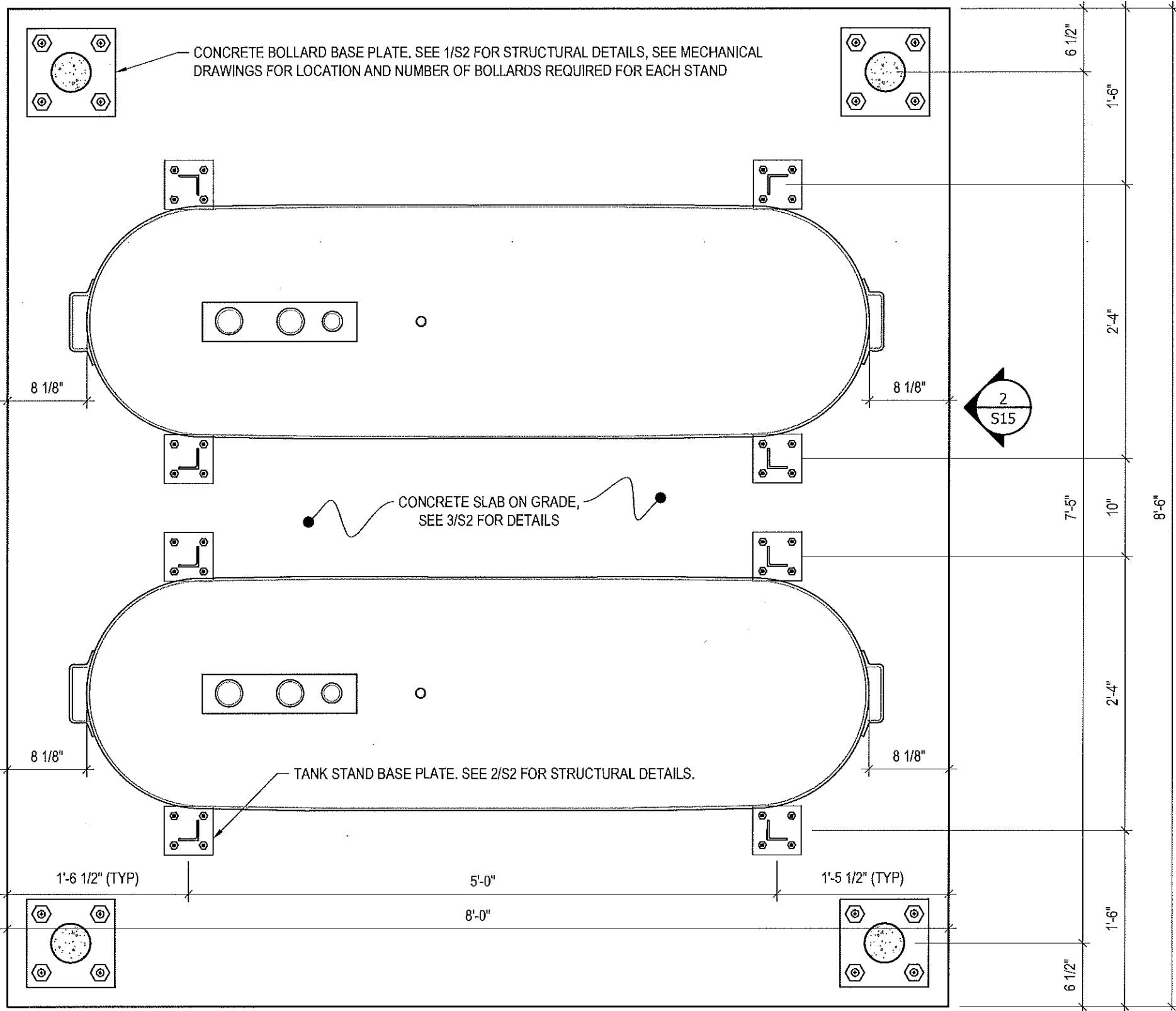


03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

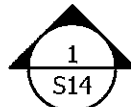
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S12**  
REVISION NUMBER:  
00



1 PLAN VIEW - TANK #4  
S13 SCALE: 1"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #4 - PLAN VIEW  
PROJECT NUMBER:  
17-122-CG-39



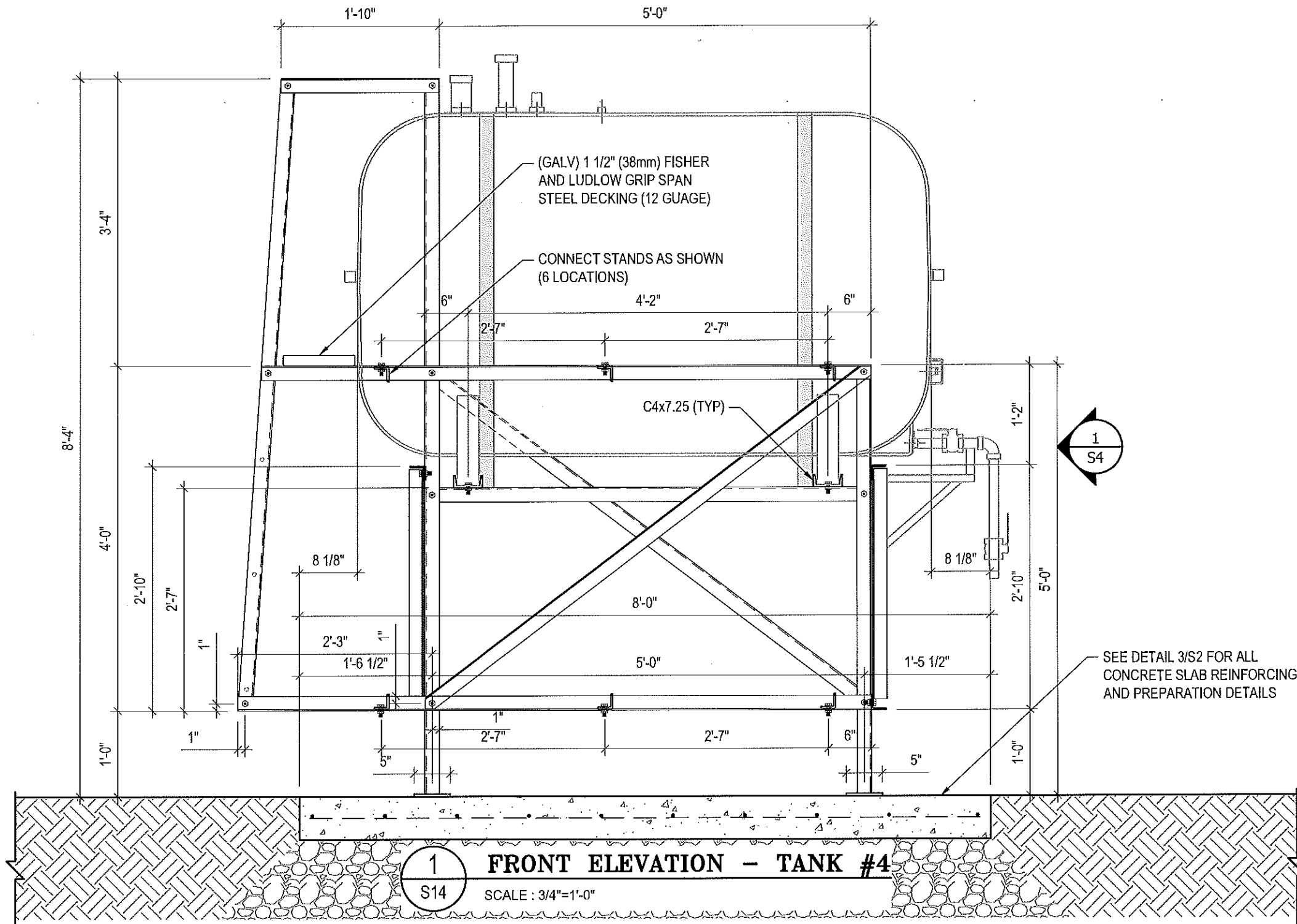
REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S13**  
REVISION NUMBER:  
00

- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #4 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

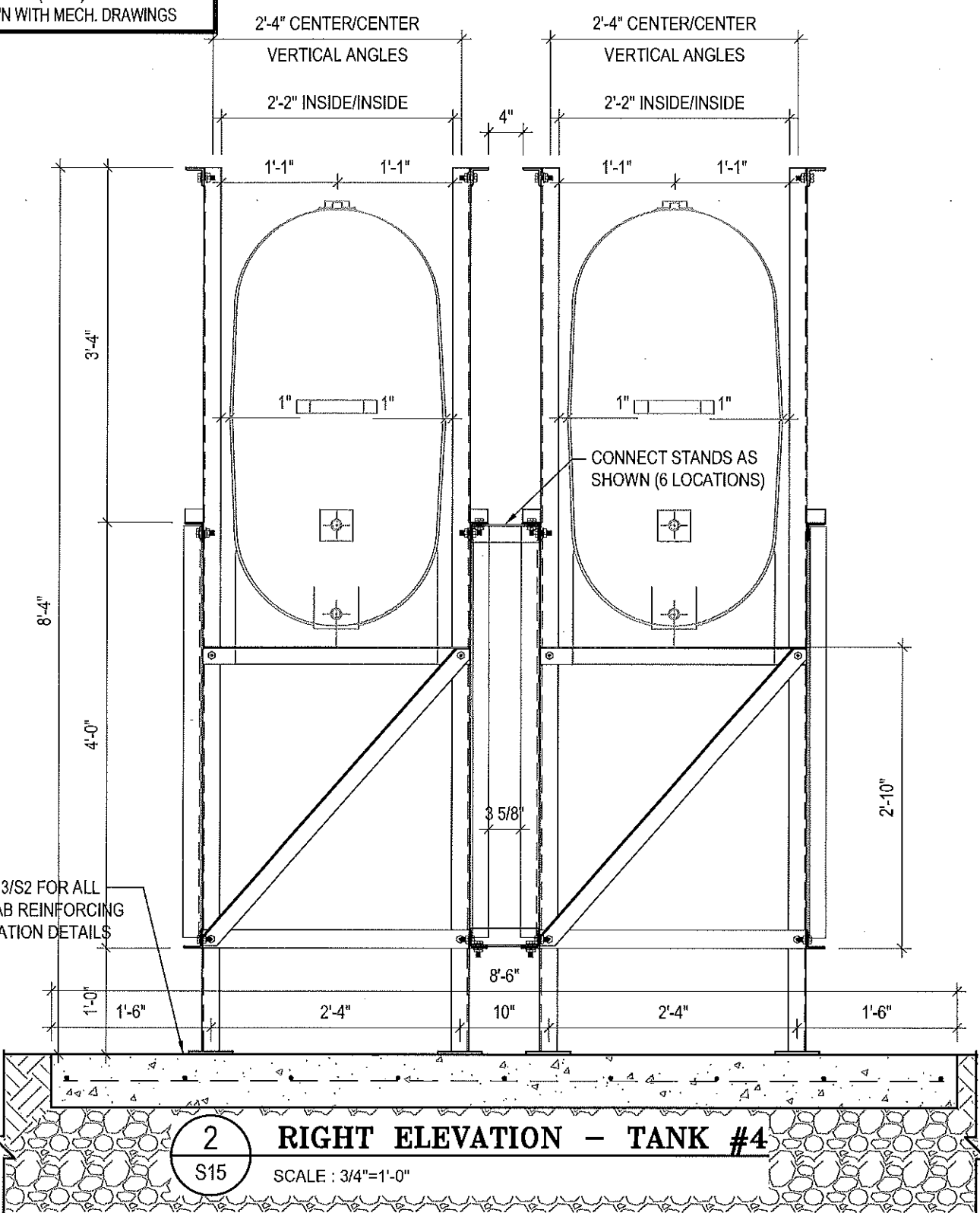
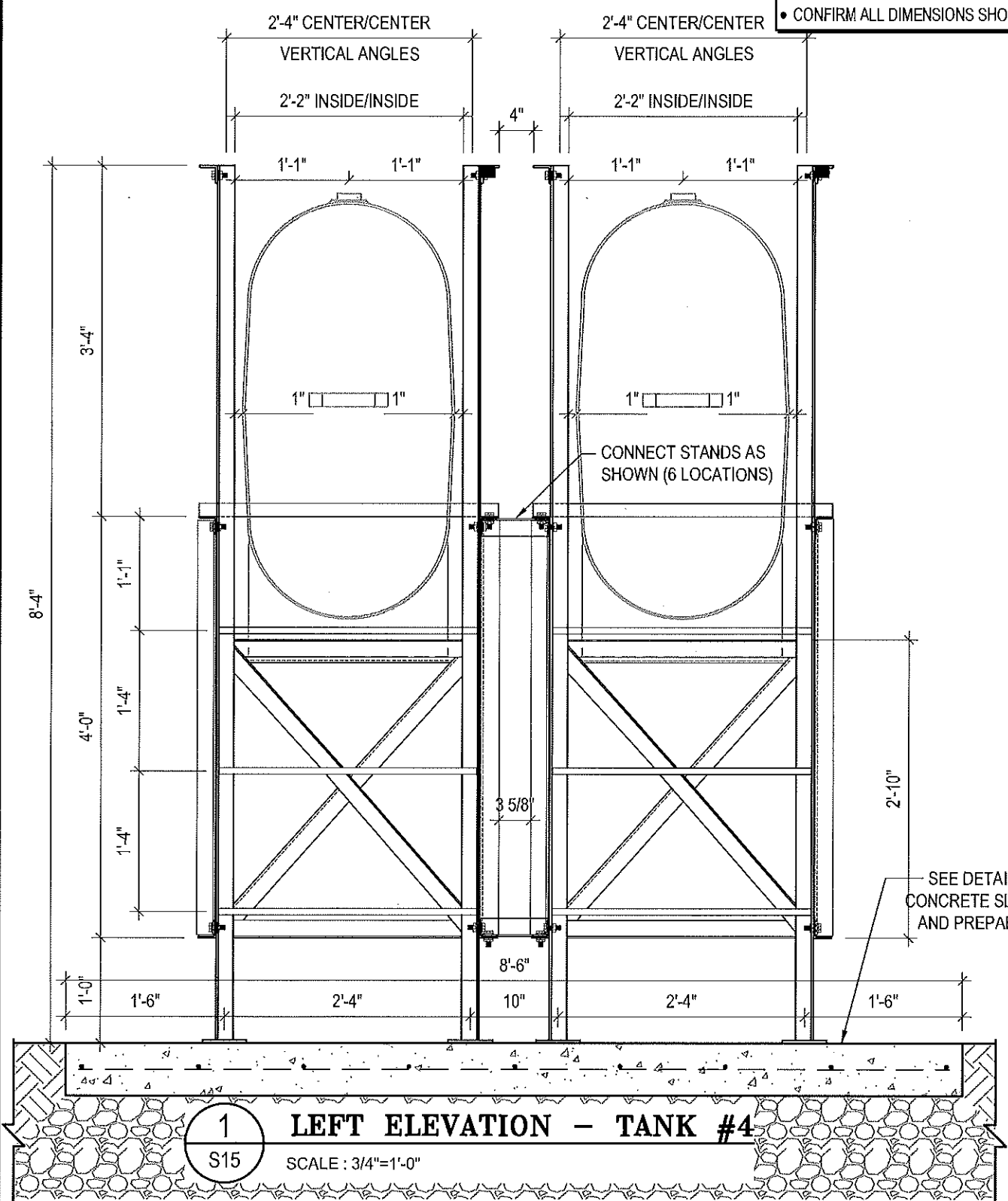
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S14**

REVISION NUMBER:  
00

**NOTES:**

- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
- ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
- ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
- CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #4 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

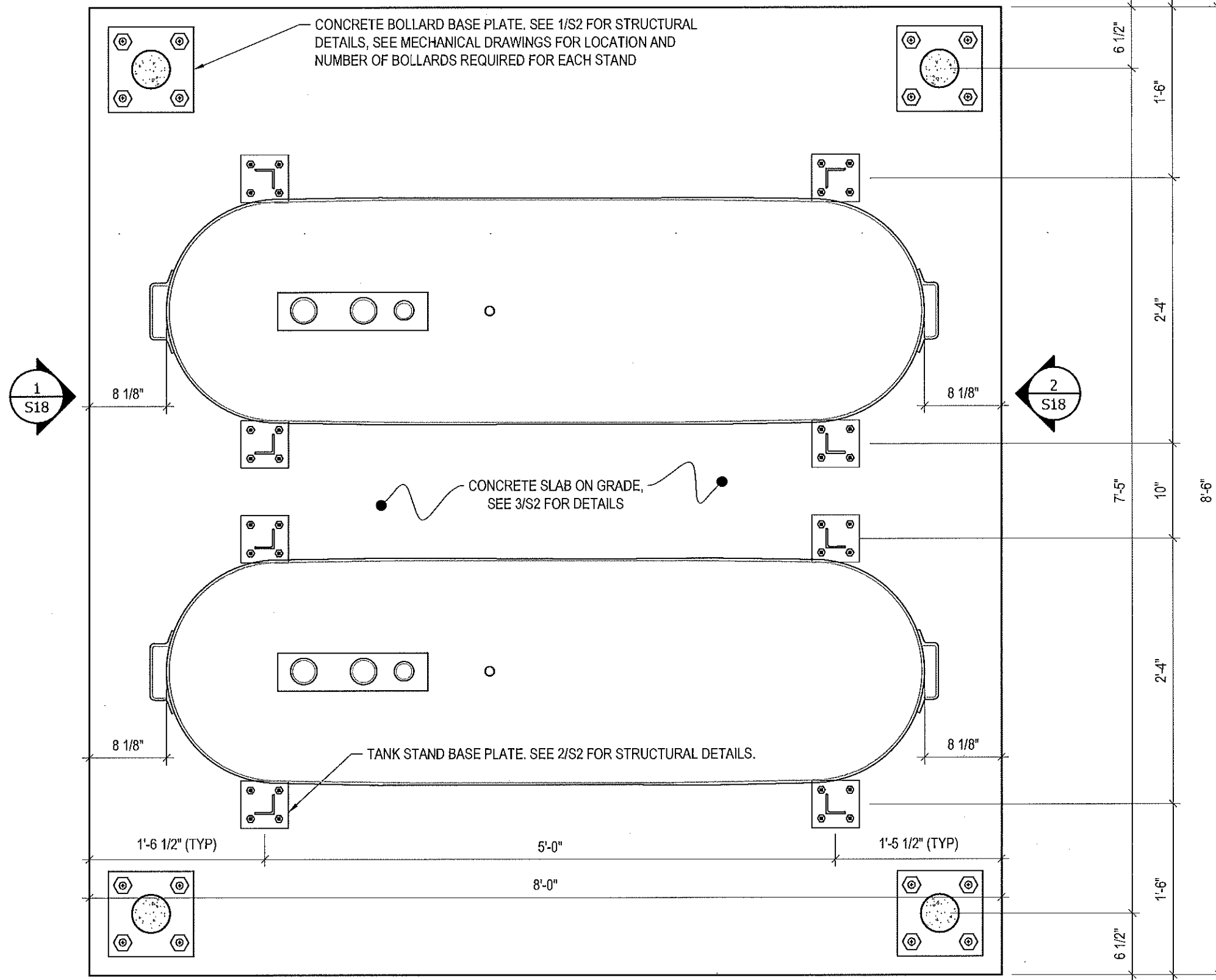
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

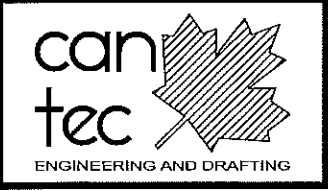
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S15**

REVISION NUMBER:  
OD



1 PLAN VIEW - TANK #5  
 S16 SCALE: 1"=1'-0" 1 S17



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #5 - PLAN VIEW

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

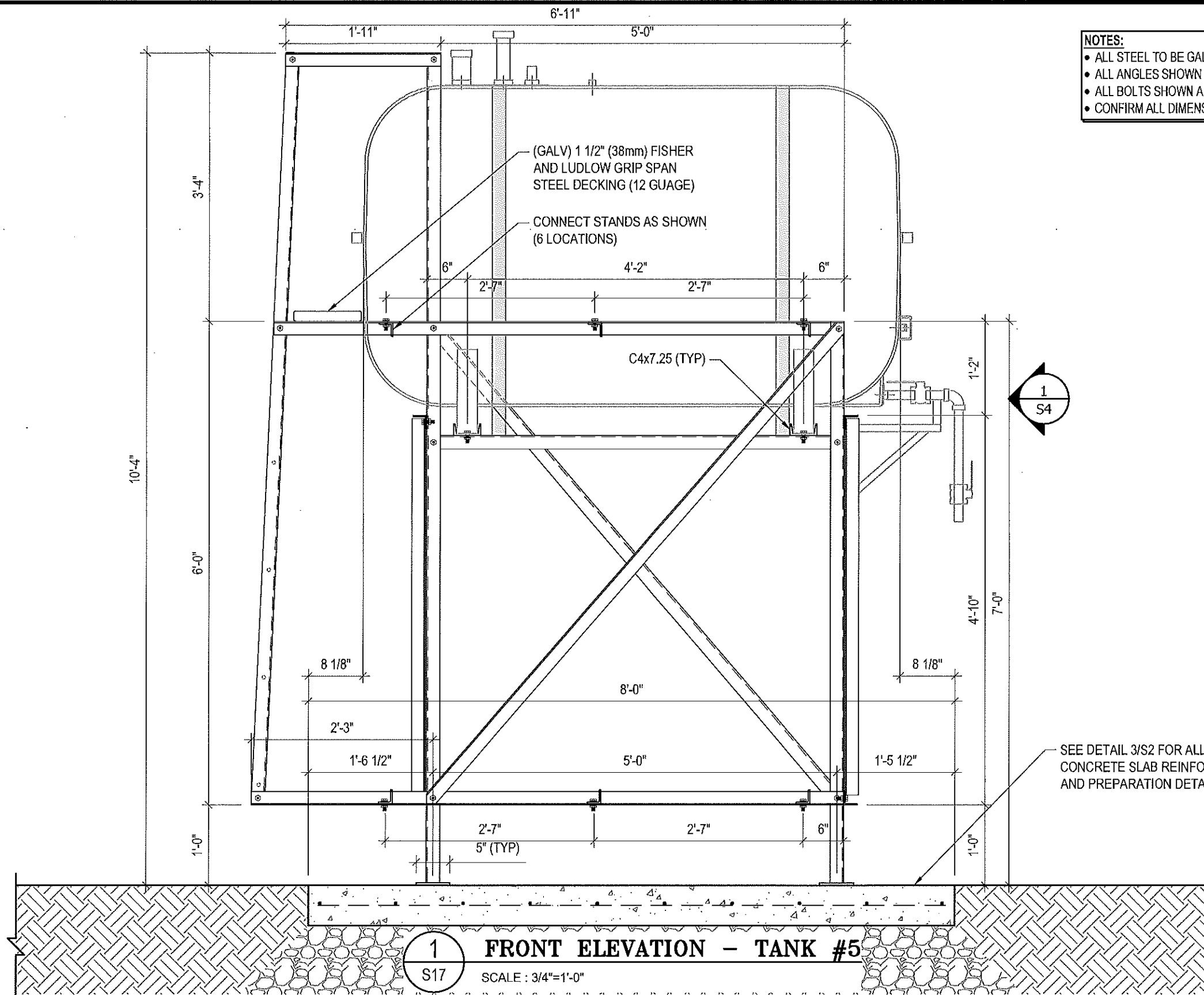
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S16**

REVISION NUMBER:  
00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"x2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS

**1**  
S17  
**FRONT ELEVATION - TANK #5**  
SCALE : 3/4"=1'-0"

SEE DETAIL 3/S2 FOR ALL  
CONCRETE SLAB REINFORCING  
AND PREPARATION DETAILS



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #5 - ELEVATIONS  
PROJECT NUMBER:  
17-122-CG-39

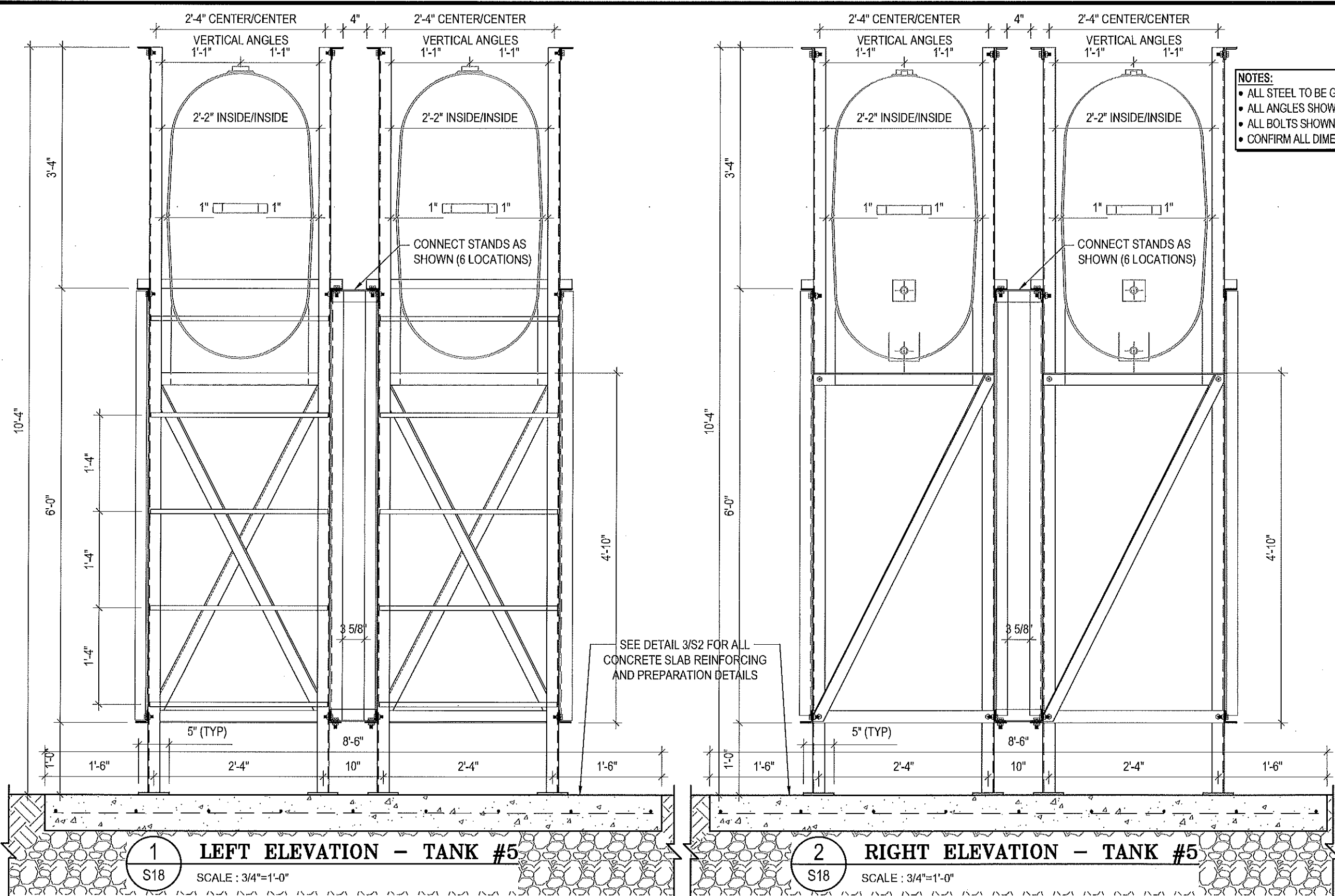
**Beach Rocke**  
ENGINEERING LTD.  
Professional Engineering Services  
1029 St. Mary's Road, St. John's, Alberta R0M 2S9  
Telephone: (403) 252-7251 Fax: (403) 257-7239  
Website: www.beachrocke.ca

03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S17**  
REVISION NUMBER:  
00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"x2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS

**1 LEFT ELEVATION - TANK #5**  
S18 SCALE: 3/4"=1'-0"

**2 RIGHT ELEVATION - TANK #5**  
S18 SCALE: 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #5 - ELEVATIONS  
PROJECT NUMBER:  
17-122-CG-39



03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S18**  
REVISION NUMBER:  
00

# FUEL TANK REPAIR AND REPLACEMENT PROJECT HALL BEACH, NUNAVUT

## DRAWING LIST:

### V054 - GARAGE

M1.0 SITE PLAN AND CONSTRUCTION PLAN  
M1.1 ELEVATIONS

### V053 - RESIDENCE

M1.0 SITE PLAN AND CONSTRUCTION PLAN  
M2.0 FUEL LINE SUPPORT DETAIL  
M2.1 2" FUEL LINE SUPPORT DETAIL

### V055 - RESIDENCE

M1.0 DEMOLITION AND CONSTRUCTION PLAN  
M2.0 TANK ELEVATIONS  
M2.1 FUEL LINE SUPPORT DETAIL  
M3.0 SCHEMATIC

### V058 - FACILITY BUILDING

M1.0 CONSTRUCTION PLAN  
M2.0 SECTION DETAILS  
M2.1 2" FUEL LINE SUPPORT DETAIL

### STRUCTURAL DRAWING LIST

S1 STRUCTURAL PROJECT NOTES  
S2 TYP TANK SLAB, BOLLARD AND BASE PLATE DETAILS AND ISOMETRIC VIEW OF METAL STAND  
S3 CONNECTION #1 DETAILS  
S4 CONNECTION #2 DETAILS  
S5 TANK #1 - PLAN VIEW OF TANK ON SLAB  
S6 TANK #1 - PLAN VIEW OF TANK ON SLAB  
S7 TANK #2 - PLAN VIEW OF TANK ON LOW METAL STAND  
S8 TANK #2 - ELEVATIONS OF LOW METAL STAND  
S9 TANK #2 - ELEVATIONS OF LOW METAL STAND  
S10 TANK #3 - PLAN VIEW OF TANK ON HIGH METAL STAND  
S11 TANK #3 - ELEVATIONS OF HIGH METAL STAND  
S12 TANK #3 - ELEVATIONS OF HIGH METAL STAND  
S13 TANK #4 - PLAN VIEW OF TANK ON LOW DOUBLE METAL STAND  
S14 TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND  
S15 TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND  
S16 TANK #5 - PLAN VIEW OF TANK ON HIGH DOUBLE METAL STAND  
S17 TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND  
S18 TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
SHEET TITLE:  
TITLE PAGE  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # REVISION DATE (YY MM DD) REV. BY

REV. # REVISION DATE (YY MM DD) REV. BY

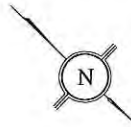
SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:

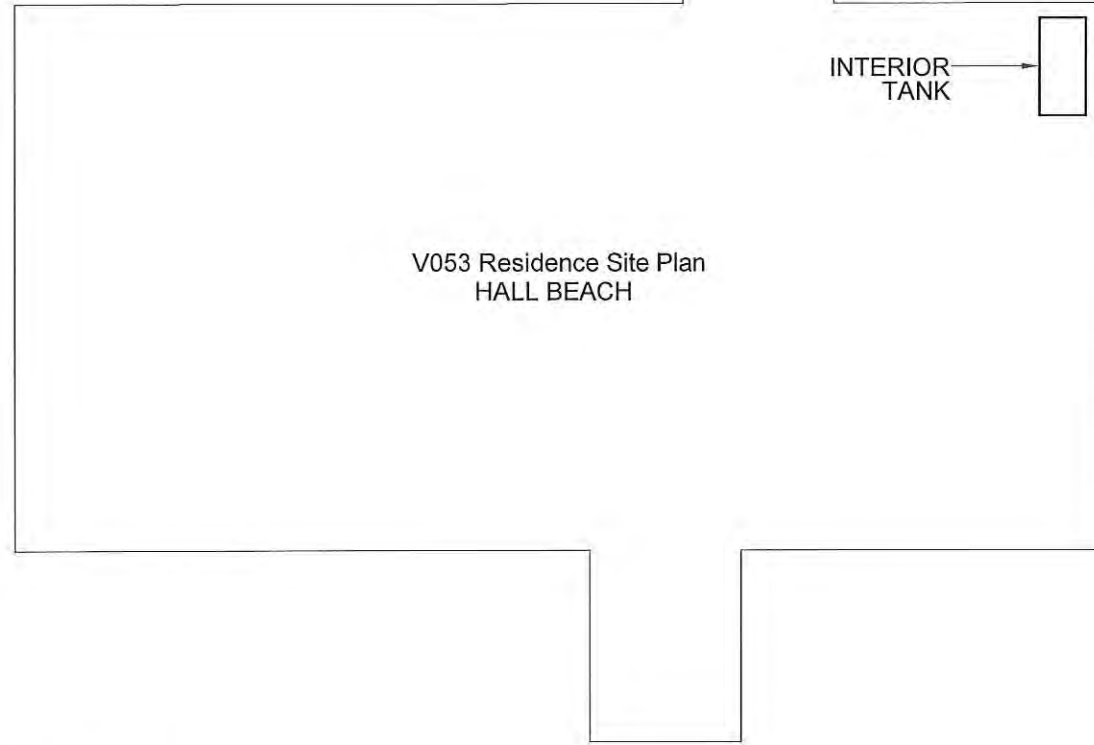
M0.0

REVISION NUMBER:  
00





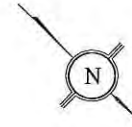
FRONT



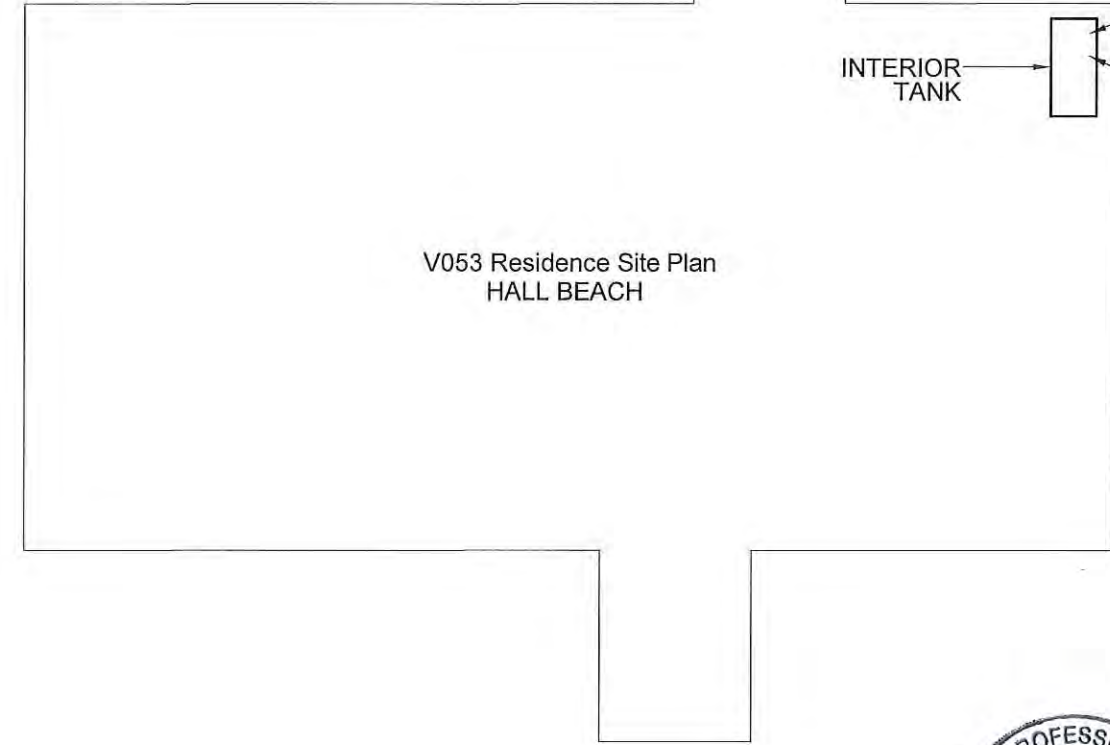
V053 Residence Site Plan  
HALL BEACH

INTERIOR  
TANK

01 SITE PLAN  
M1.0 SCALE: NTS



FRONT



V053 Residence Site Plan  
HALL BEACH

INTERIOR  
TANK

02 CONSTRUCTION PLAN  
M1.0 SCALE: NTS



INTERIOR REPAIR NOTES: #

1. INSTALL NEW WEATHER TIGHT COVER ON FILL LINE AND SPILL CONTAINMENT COVER
2. INSTALL NEW TANK WHISTLE



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V053 - RESIDENCE  
SHEET TITLE:  
SITE PLAN CONSTRUCTION PLAN  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.0**  
REVISION NUMBER:  
00

REMOVED EXISTING FILL  
AND INSTALL NEW FILL LINE



01 EXTERIOR ELEVATION  
M1.1 SCALE: NTS

INSTALL NEW VENT WHISTLE  
ON VENT LINE



02 INTERIOR ELEVATION  
M1.1 SCALE: NTS



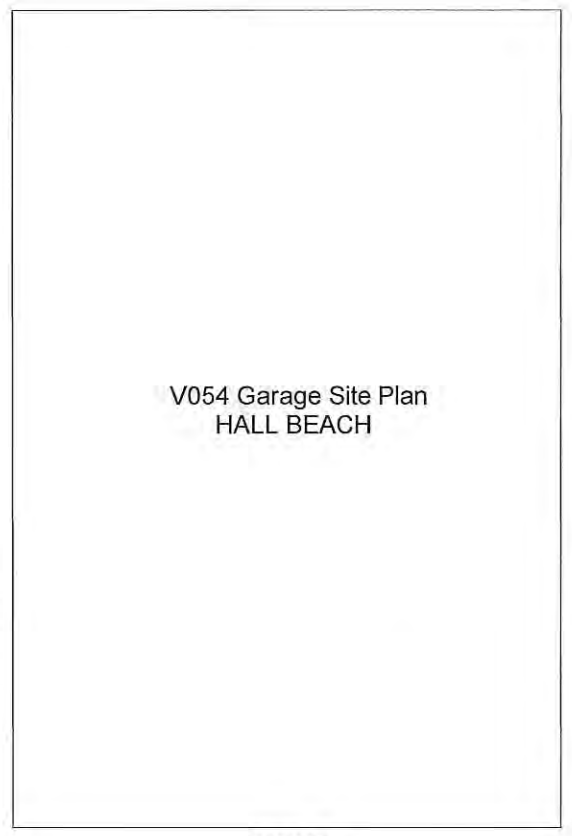
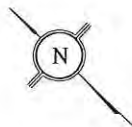
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V053 - RESIDENCE  
SHEET TITLE:  
ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

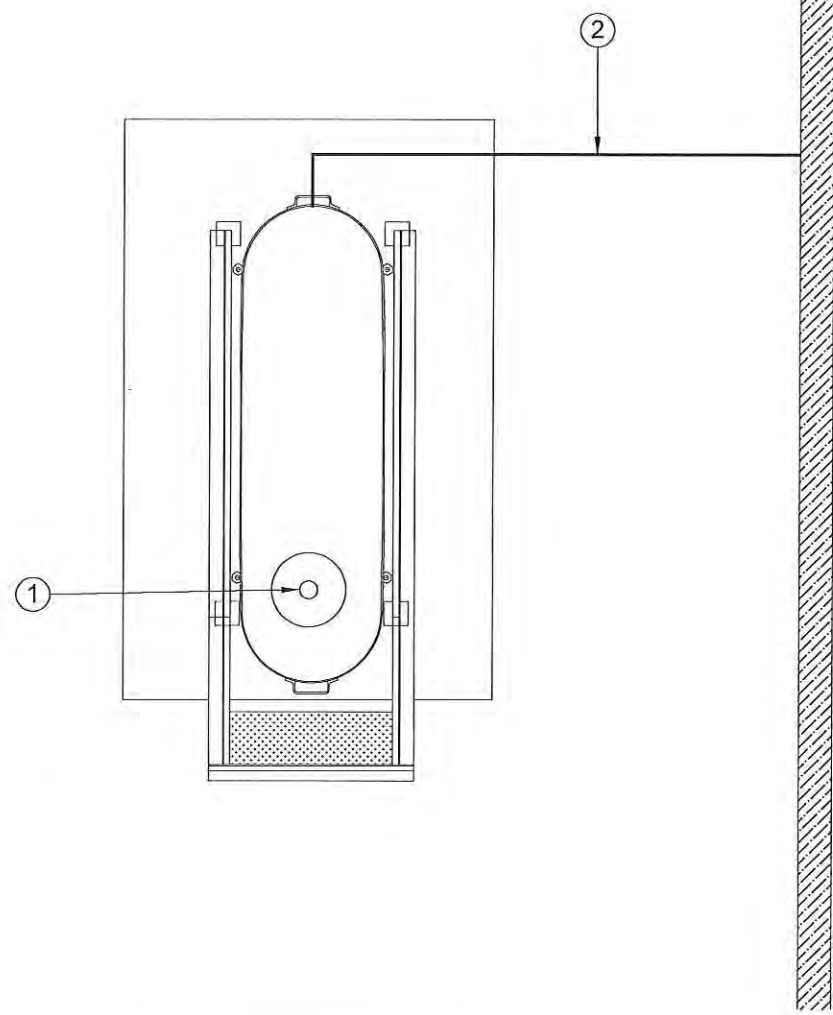
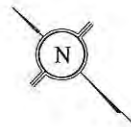
SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.1**  
REVISION NUMBER:  
00



FRONT

01 SITE PLAN  
M1.0 SCALE: NTS



01 CONSTRUCTION PLAN  
M1.0 SCALE: NTS



CONSTRUCTION NOTES: #

1. INSTALL NEW FILL CAP
2. MODIFY EXISTING STAND TO SUPPORT NEW STEEL ANGLE PIPING PROTECTION SYSTEM. SEE PAGES M2.0 AND M2.1 FOR DETAILS. EXISTING SUPPLY PIPE TO BUILDING TO REMAIN

INTERIOR REPAIR NOTES:

1. PAINT ALL PIPING AT OUTSIDE OF BUILDING.



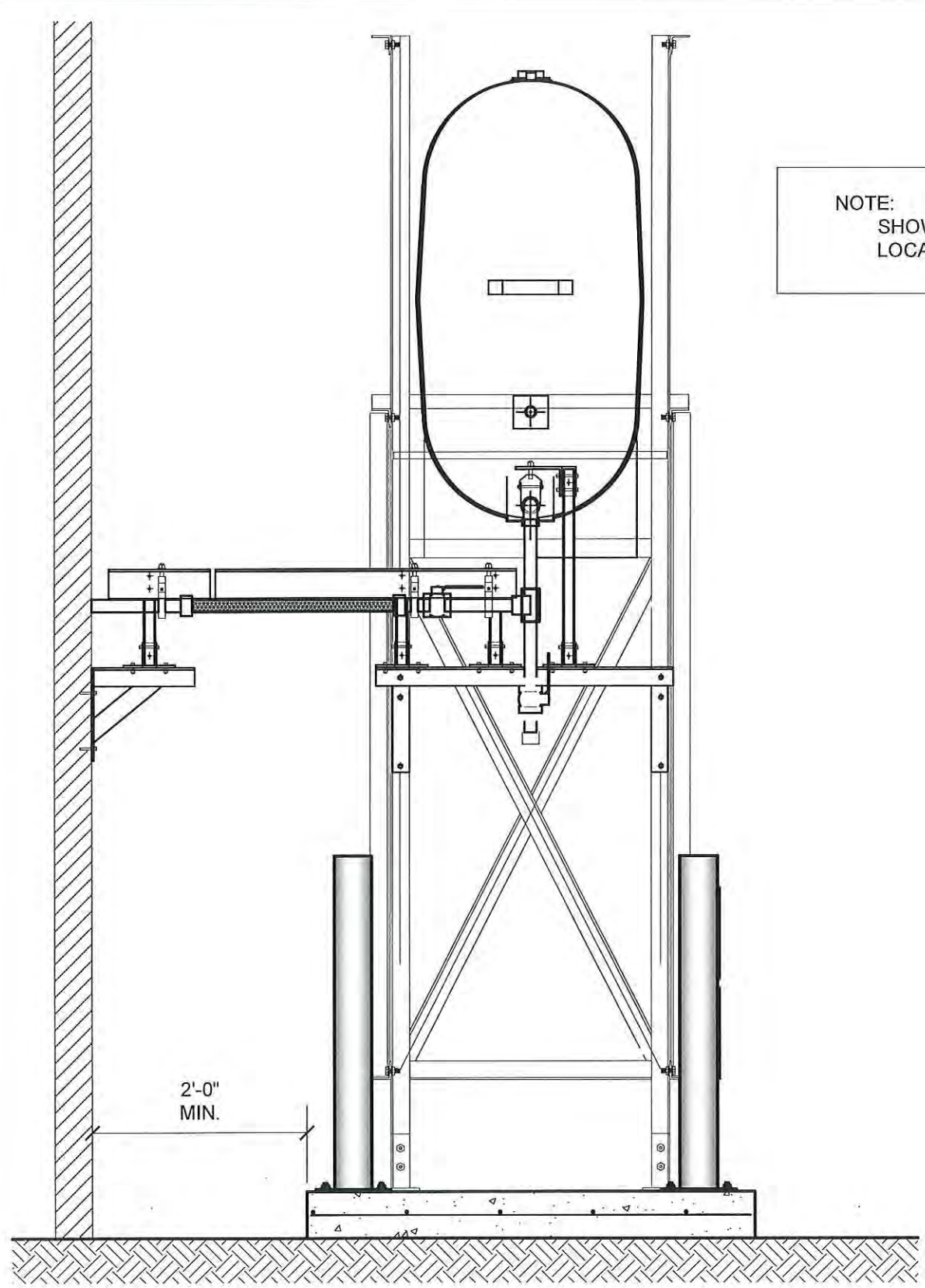
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V054 - GARAGE, HALL BEACH  
SHEET TITLE:  
SITE PLAN AND CONSTRUCTION PLAN  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

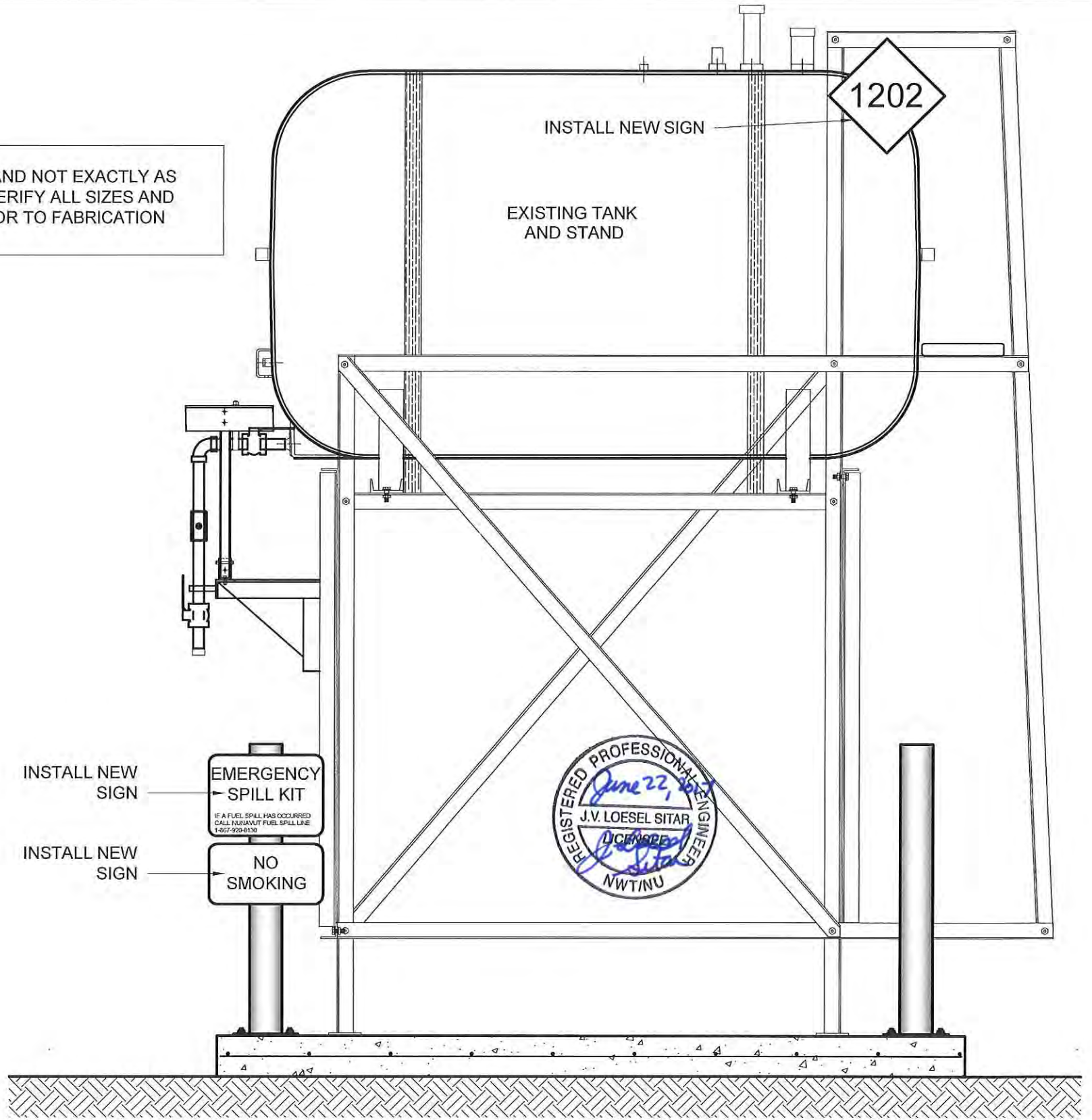
SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.0**  
REVISION NUMBER:  
00



01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"

NOTE: STEEL STAND NOT EXACTLY AS SHOWN. SITE VERIFY ALL SIZES AND LOCATIONS PRIOR TO FABRICATION



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



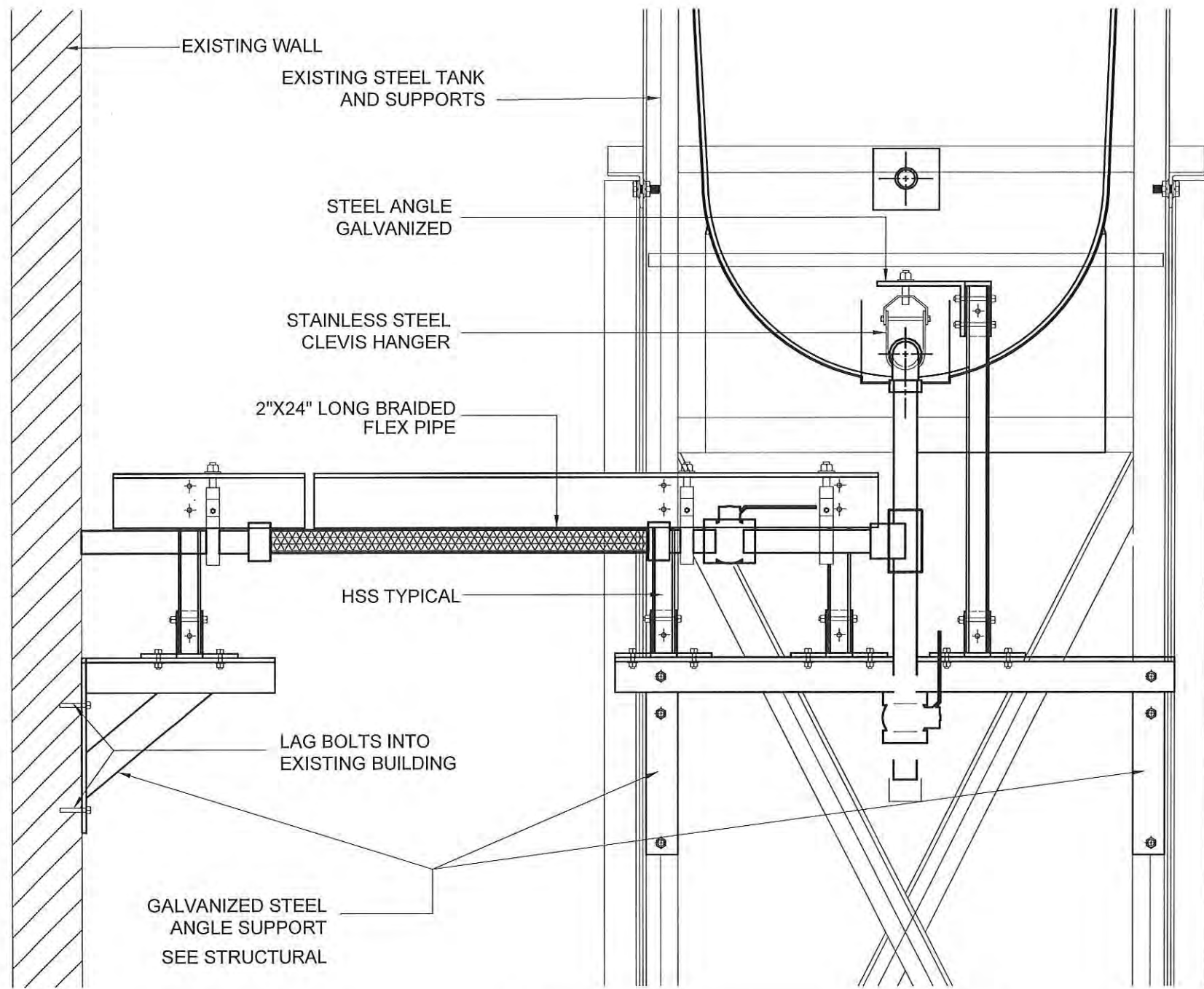
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V054 - GARAGE, HALL BEACH  
SHEET TITLE:  
TANK ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # REVISION DATE (YY MM DD) REV. BY

REV. # REVISION DATE (YY MM DD) REV. BY

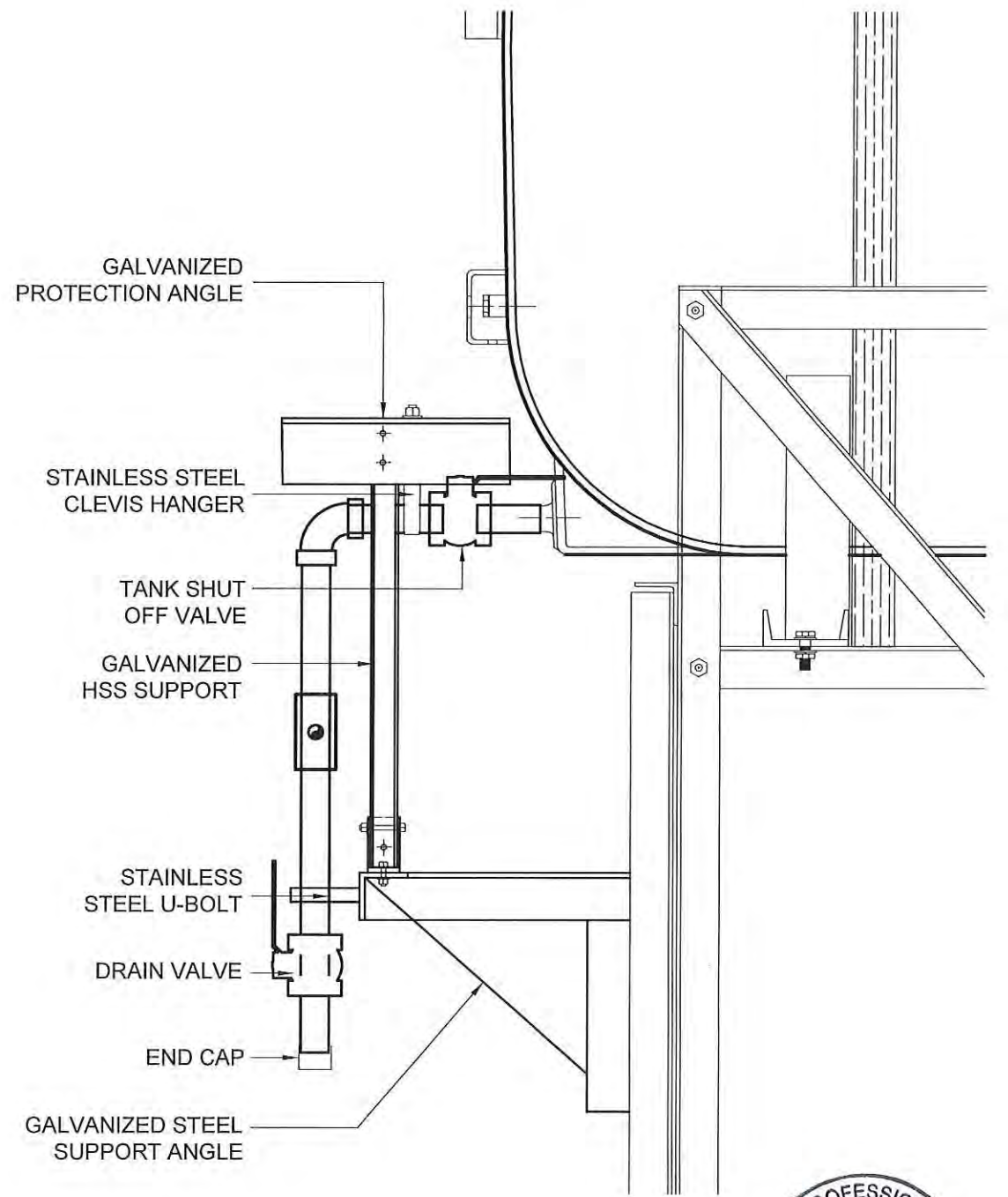
SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
M2.0  
REVISION NUMBER:  
00



01 FRONT VIEW  
M2.1 SCALE: 1 1/2"-1'-0"

NOTE: STEEL STAND NOT EXACTLY AS SHOWN. SITE VERIFY ALL SIZES AND LOCATIONS PRIOR TO FABRICATION



02 SIDE VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



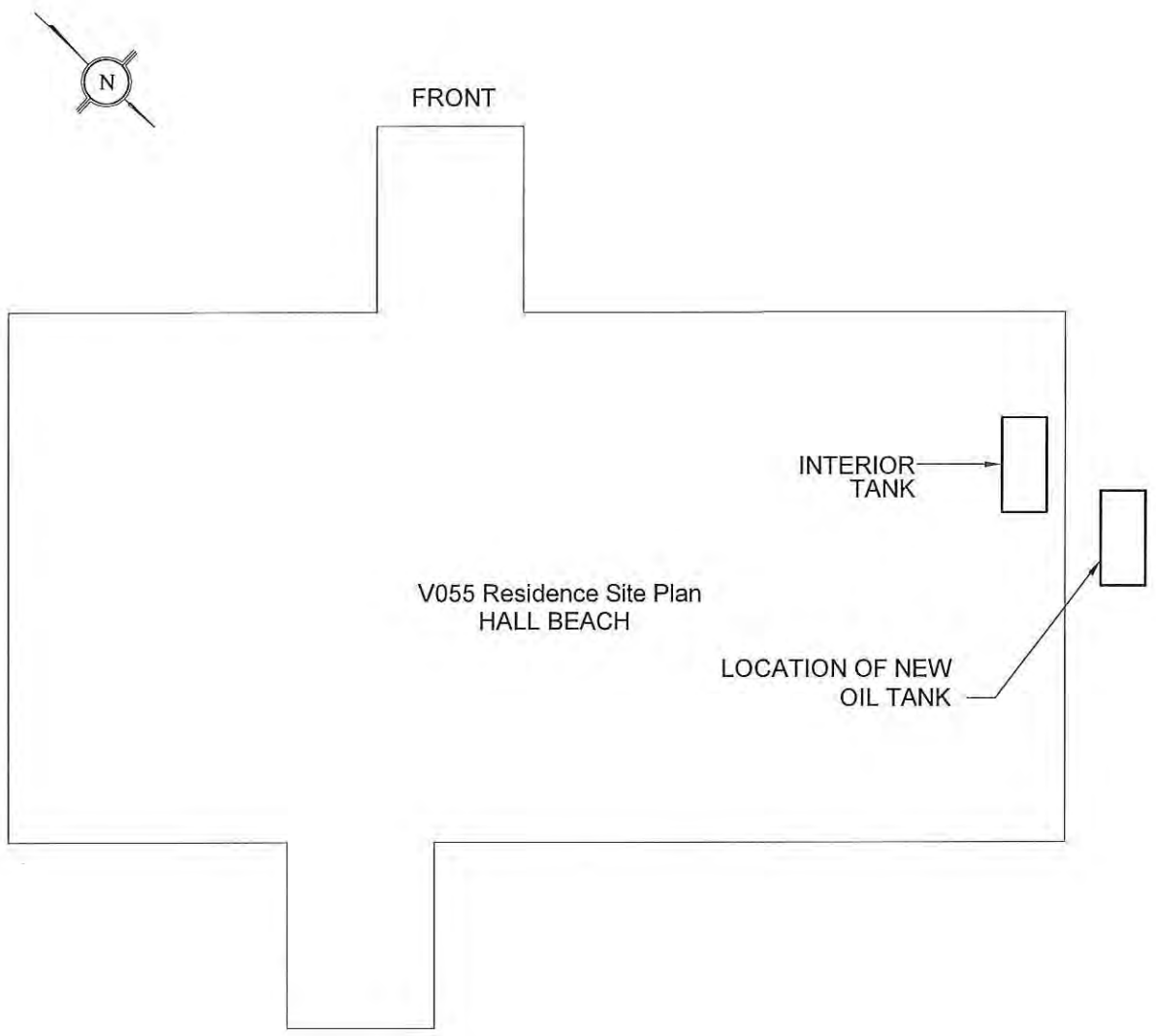
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V054 - GARAGE, HALL BEACH  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

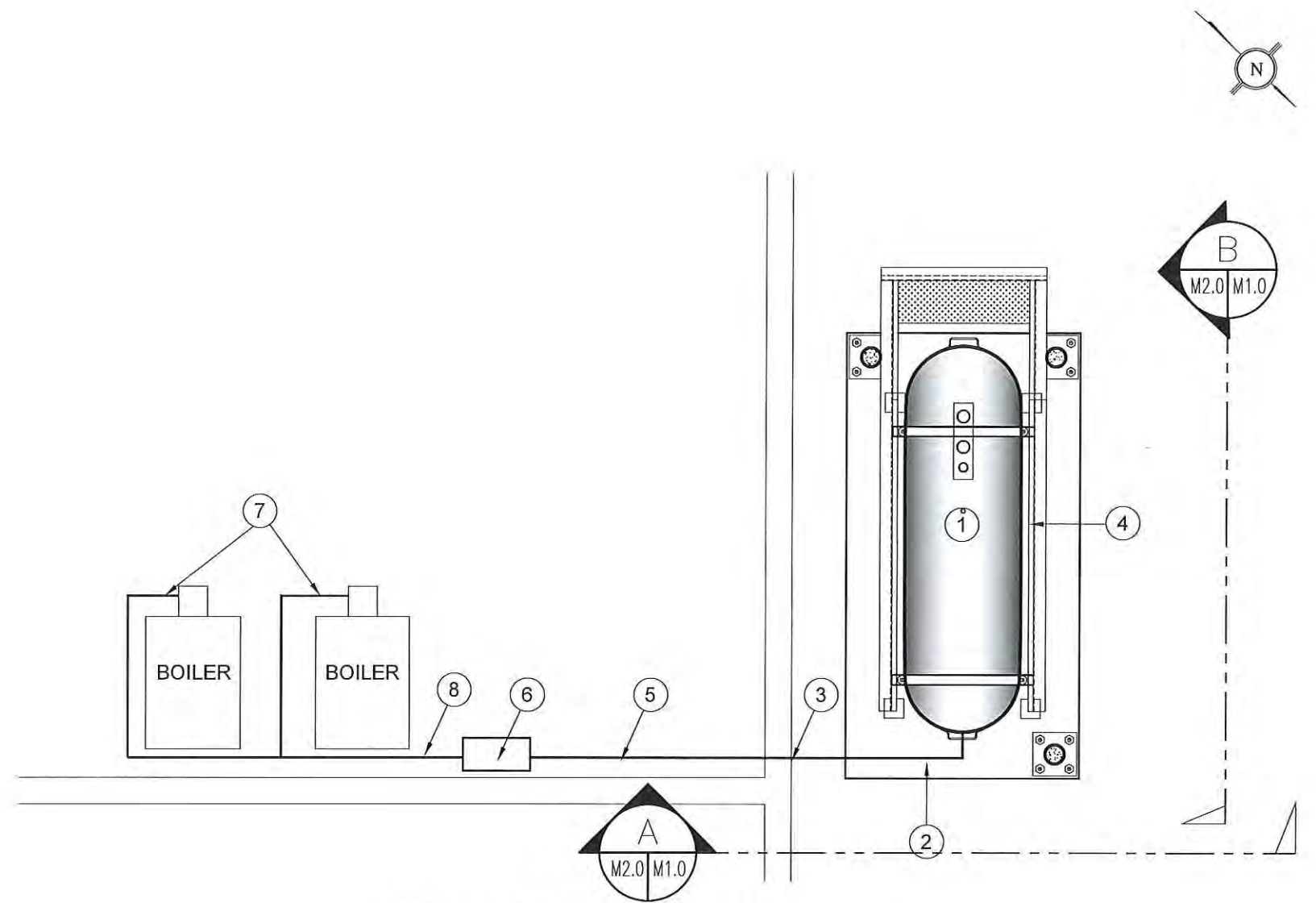
DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
00



01 DEMOLITION PLAN  
M1.0 SCALE: NTS

DEMOLITION NOTES:

1. REMOVE ALL FUEL FROM THE TANK AND DISPOSE OF AS PER LOCAL REGULATIONS.
2. REMOVE EXISTING OIL TANK AND DISPOSE OF AS PER LOCAL REGULATIONS.
3. SEAL ALL HOLES LEFT BY THE REMOVAL OF THE FUEL PIPING. MAKE GOOD.



02 CONSTRUCTION PLAN  
M1.0 SCALE: 3/8"=1'-0"

CONSTRUCTION NOTES: #

1. INSTALL NEW OIL TANK AND CONCRETE PAD. SEE SHEET M2.0.
2. INSTALL NEW BOLLARDS - SEE SHEET M3.0.
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK #2 - SEE STRUCTURAL FOR DETAILS.
5. INSTALL NEW 2"Ø PIPING
6. NEW WARMING PIPE
7. NEW ACCESSORIES FOR BOILER SEE SHEET M3.0 FOR DETAILS
8. NEW 1"Ø PIPE



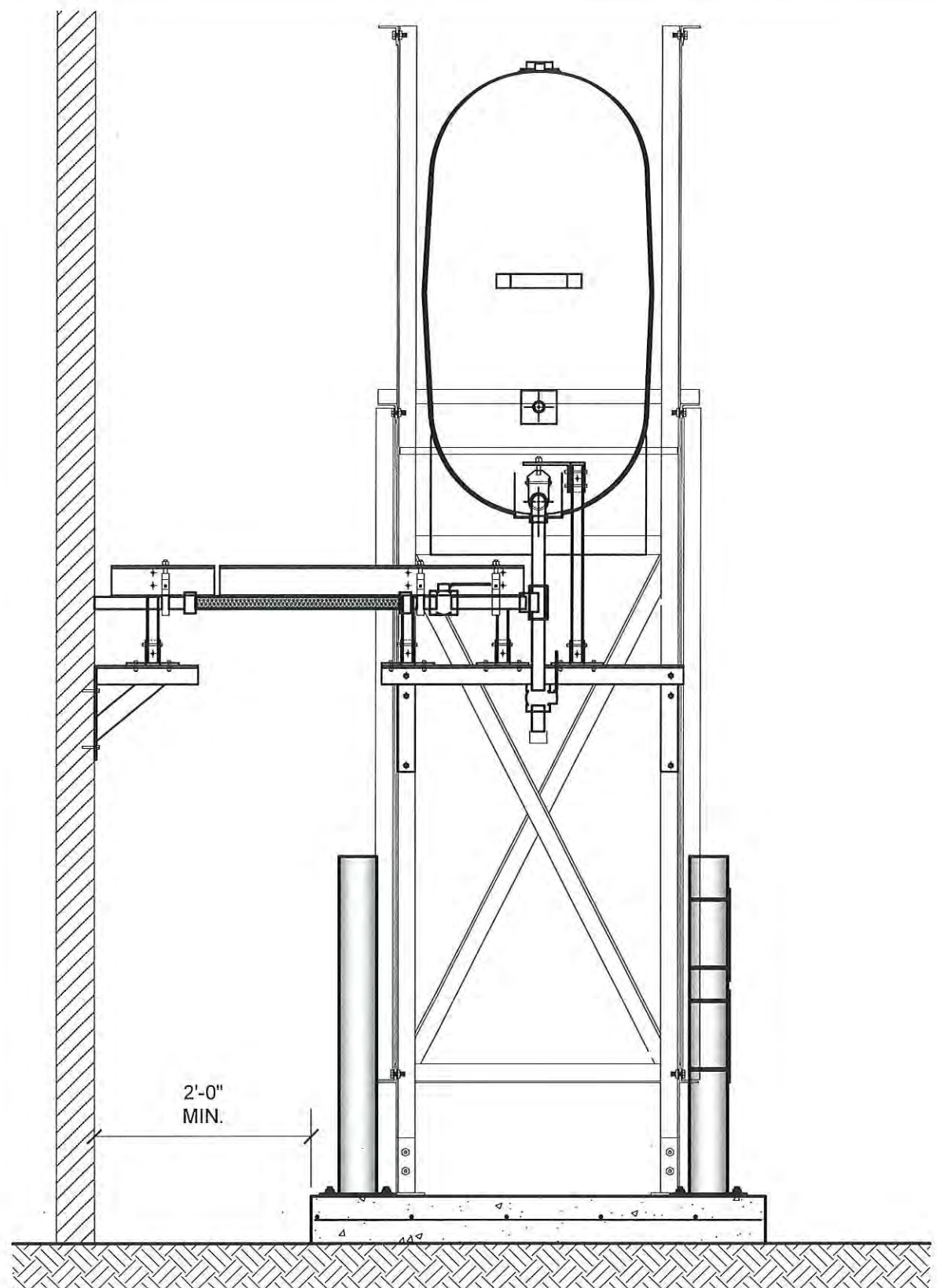
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V055 - RESIDENCE  
SHEET TITLE:  
DEMOLITION AND CONSTRUCTION PLAN  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

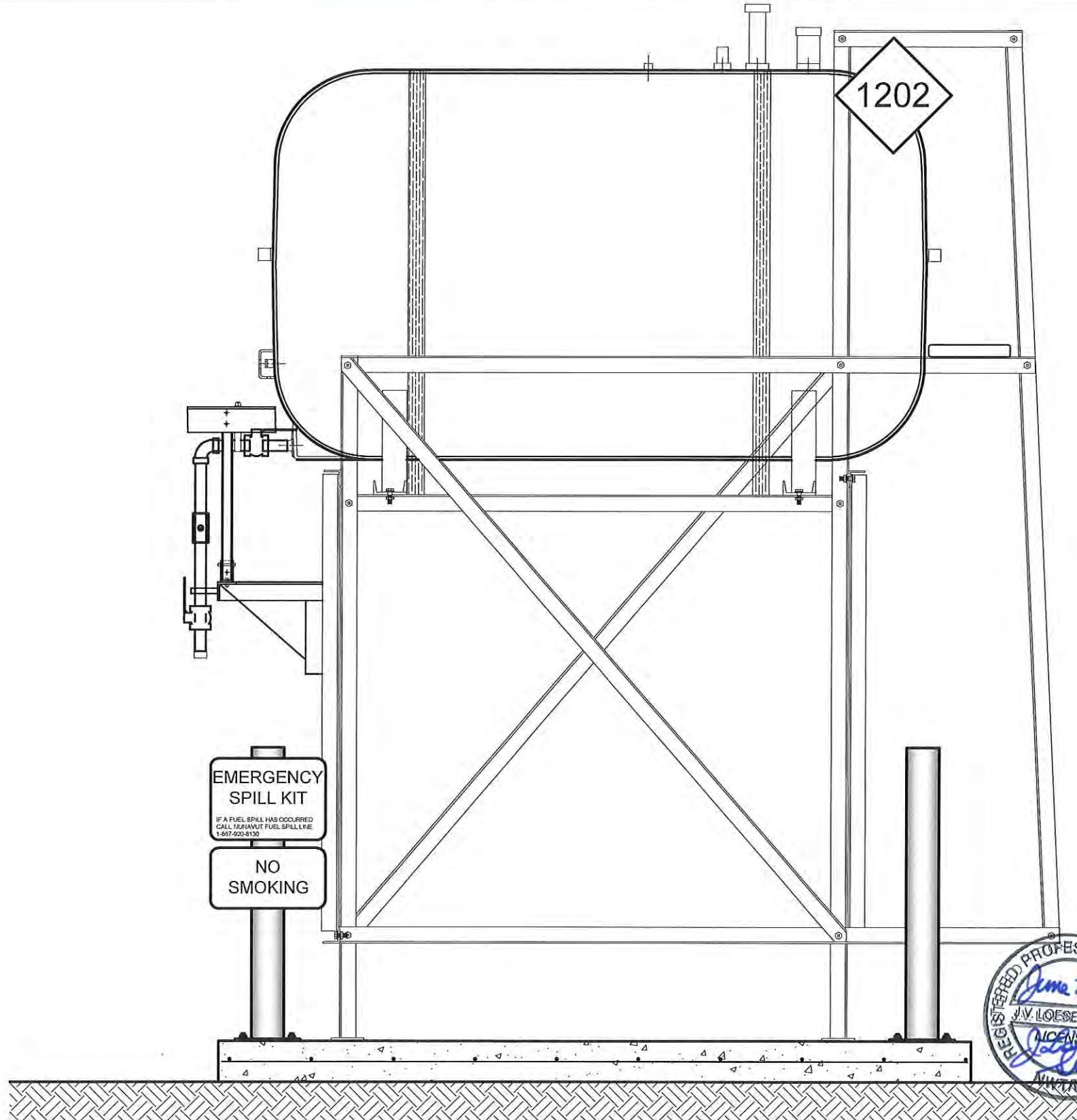
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.0**  
REVISION NUMBER:  
00



01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



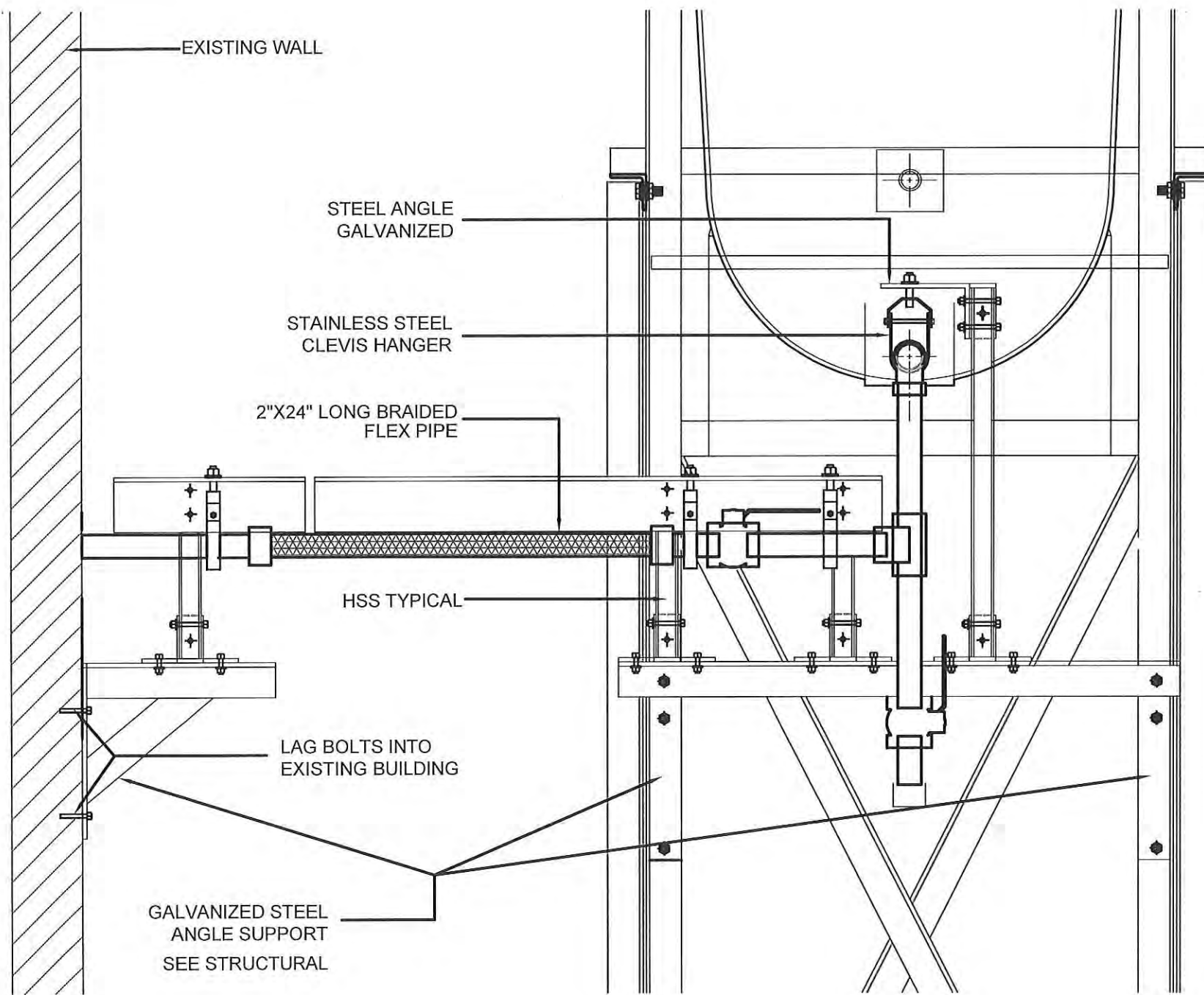
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V055 - RESIDENCE, HALL BEACH  
SHEET TITLE:  
TANK ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

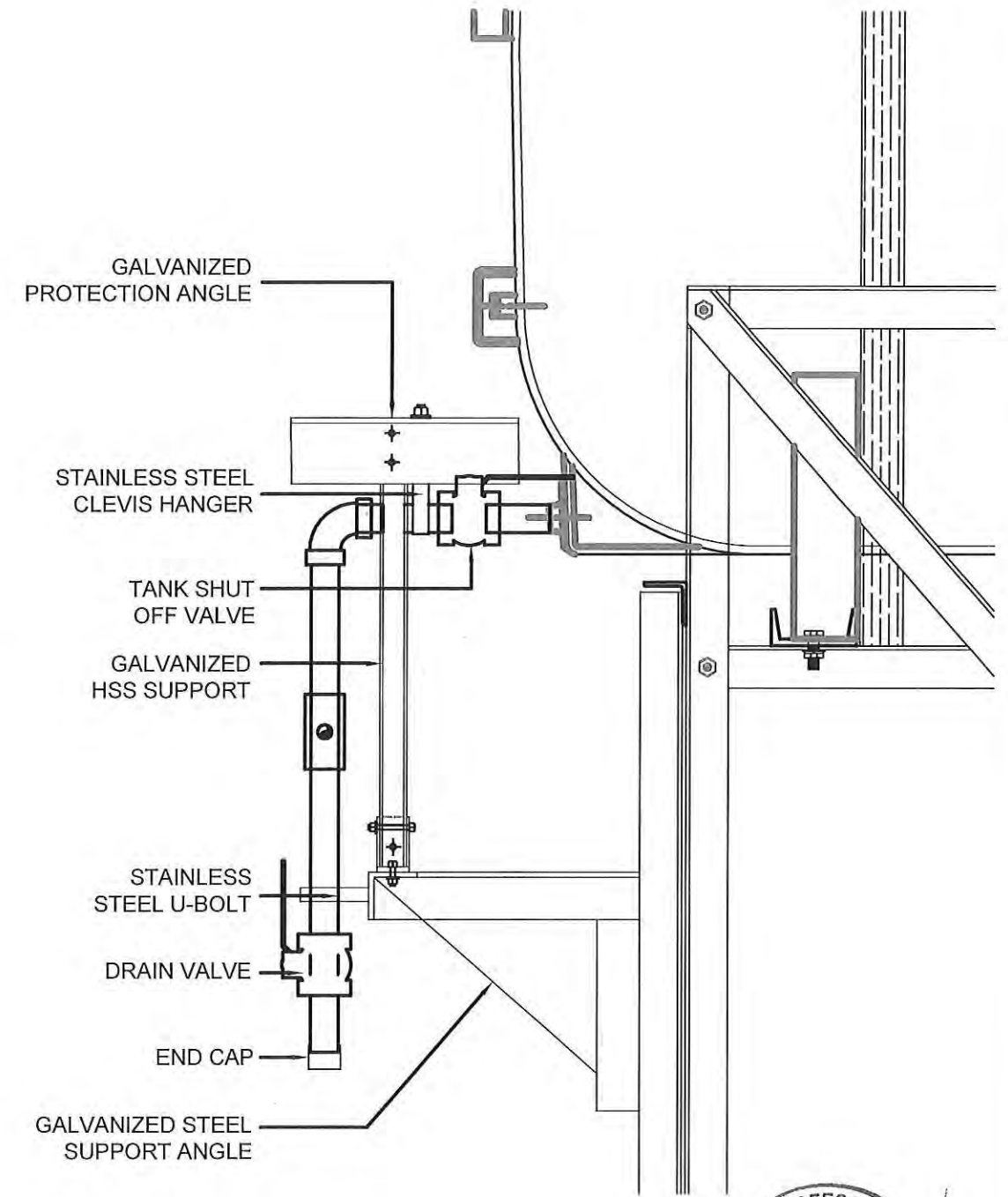
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.0**  
REVISION NUMBER:  
00



01 FRONT VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



02 SIDE VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
V055 - RESIDENCE, HALL BEACH  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

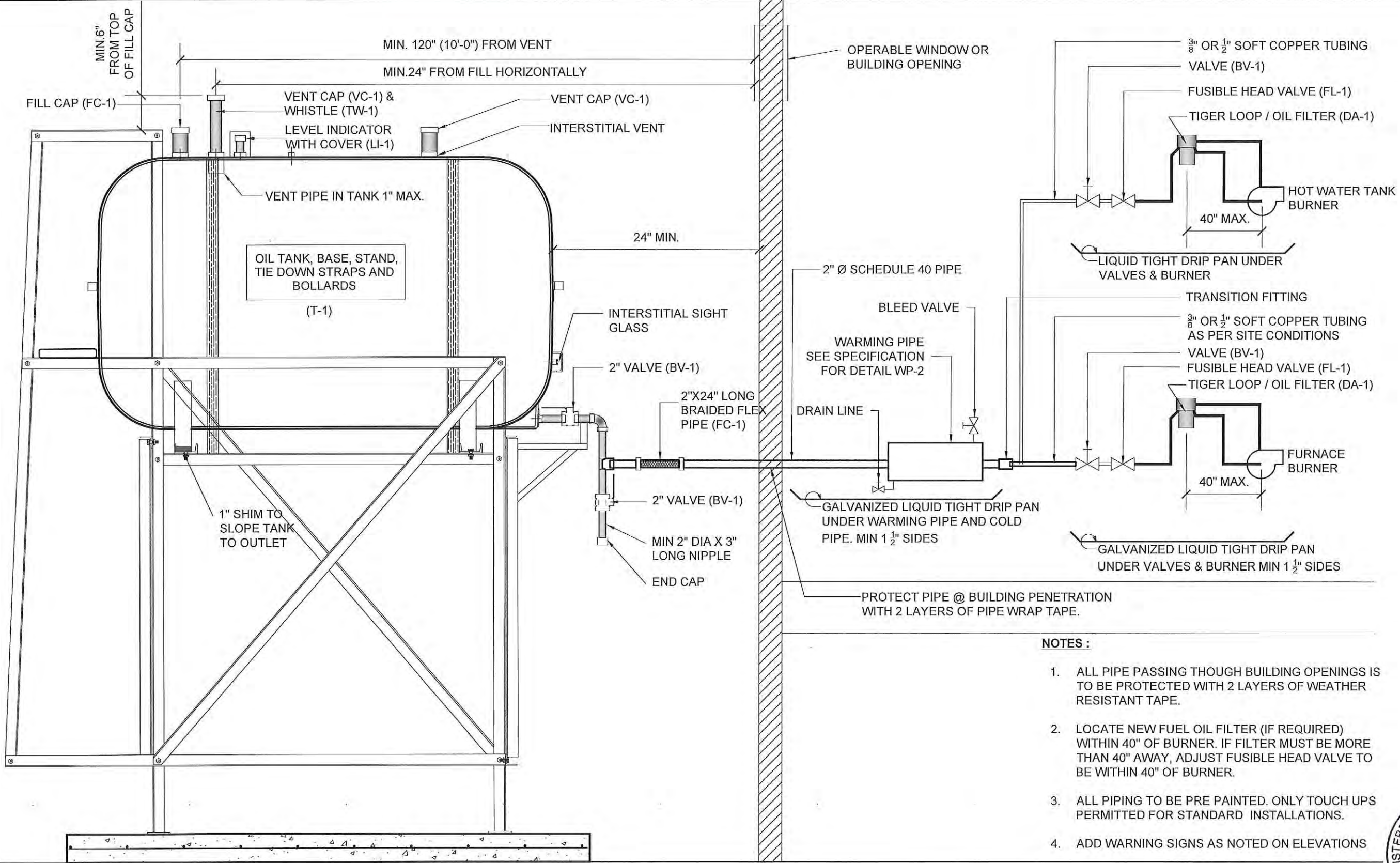
SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:

M2.1

REVISION NUMBER:  
00





**NOTES :**

1. ALL PIPE PASSING THOUGH BUILDING OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
4. ADD WARNING SIGNS AS NOTED ON ELEVATIONS



**1** SCHEMATIC - TANK PIPING & ACCESSORIES : ON STAND  
M3.0 SCALE: NTS



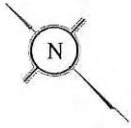
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V055 - RESIDENCE, HALL BEACH  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # REVISION DATE (YY MM DD) REV. BY

REV. # REVISION DATE (YY MM DD) REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



INSTALL NEW PIPE SUPPORT

INSTALL NEW PIPE SUPPORT

INSTALL NEW PIPE SUPPORT

01 TANK - ELEVATION  
M1.0 SCALE: NTS

CONSTRUCTION NOTES:

1. REMOVE EXISTING FILL CAP AND INSTALL NEW WEATHER TIGHT FILL CAP
2. ADJUST PIPING TO INSTALL NEW PIPE SUPPORTS AND PROTECTION TO MATCH SUPPORTS AND PROTECTION SHOWN ON SHEETS M2.0 AND M2.1



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
V058 - DETACHMENT, HALL BEACH

SHEET TITLE:  
CONSTRUCTION PLAN

PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 19	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

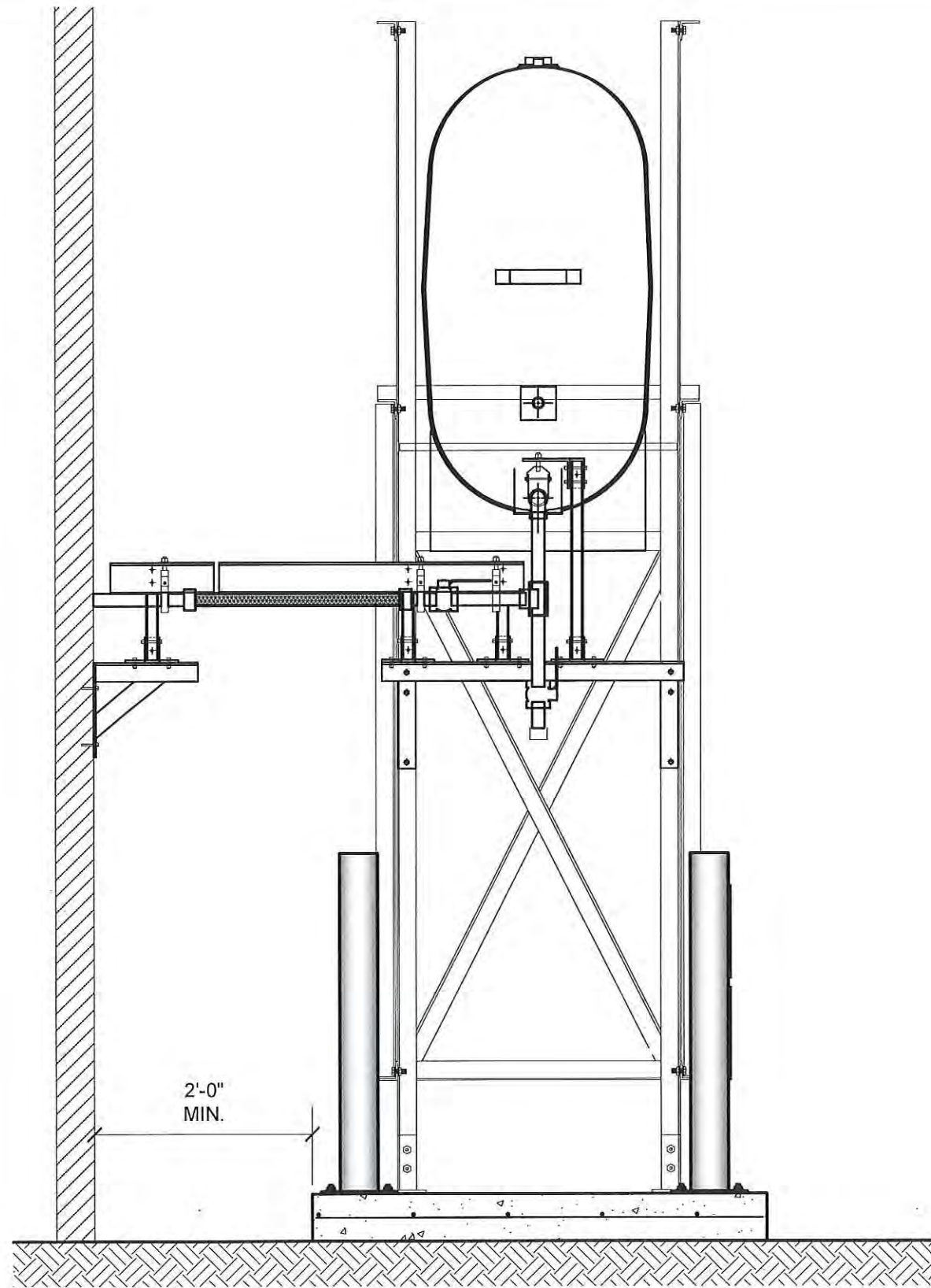
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED

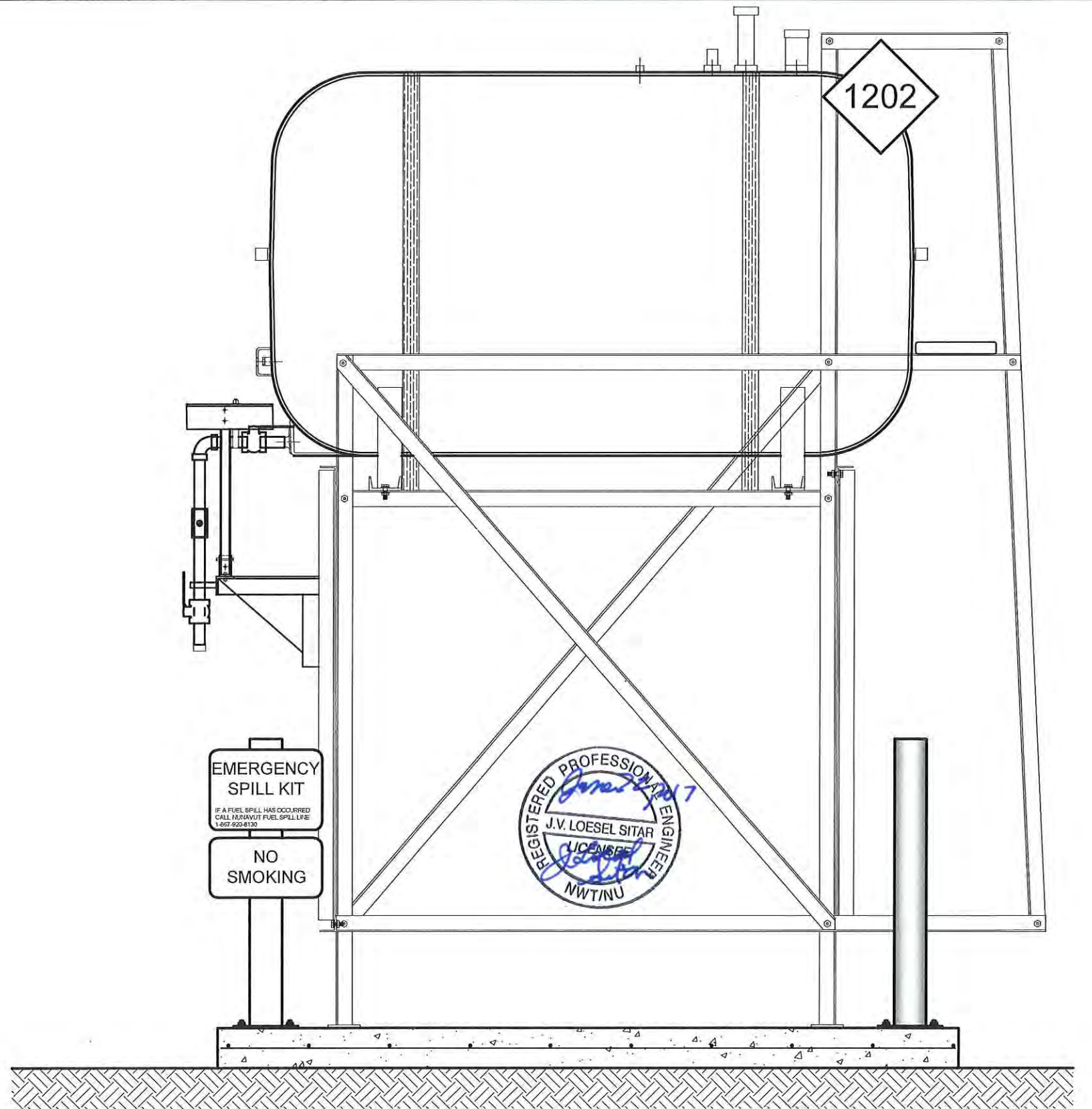
DATE (YY MM DD):  
17 03 03

DRAWING NUMBER:  
**M1.0**

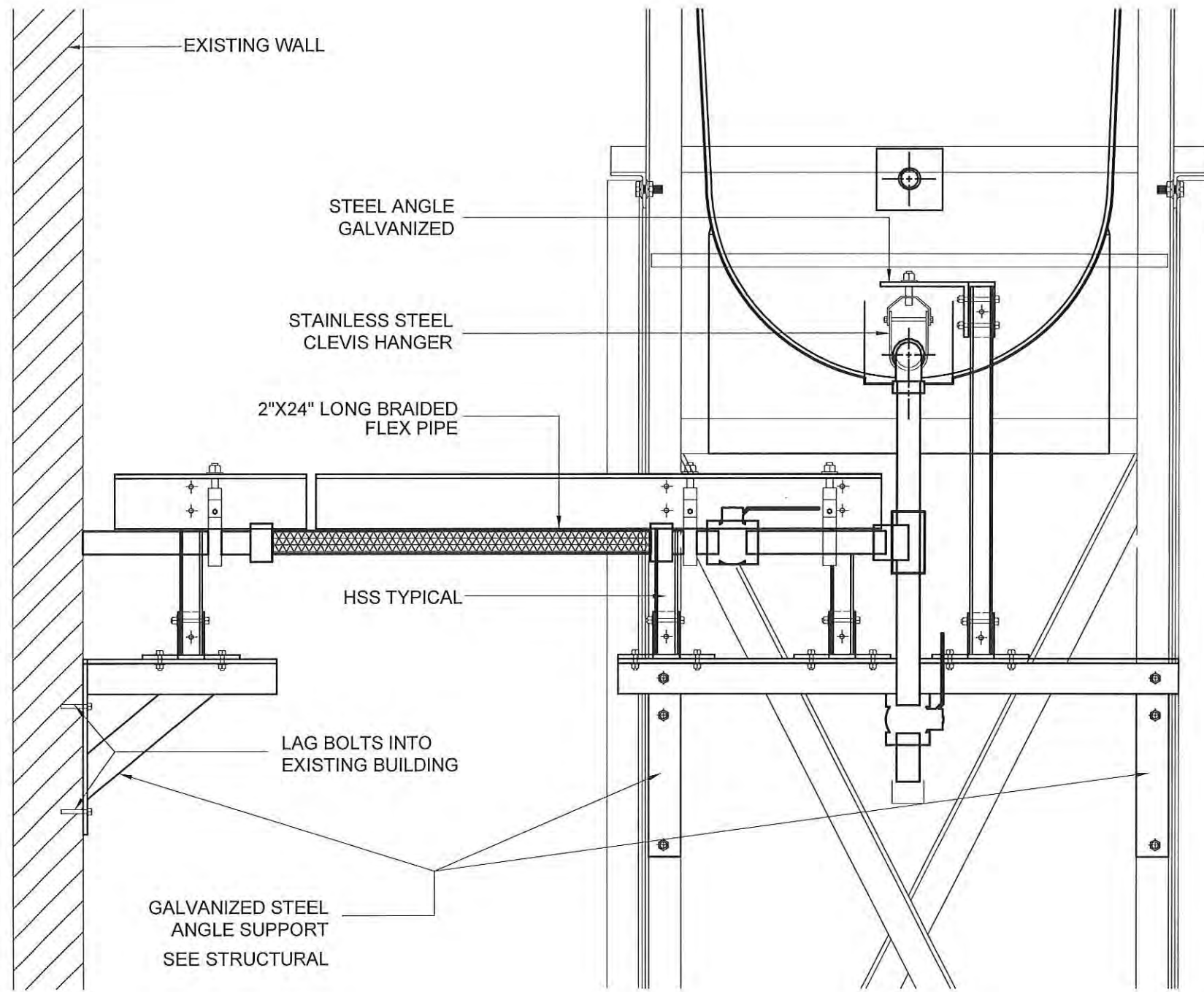
REVISION NUMBER:  
00



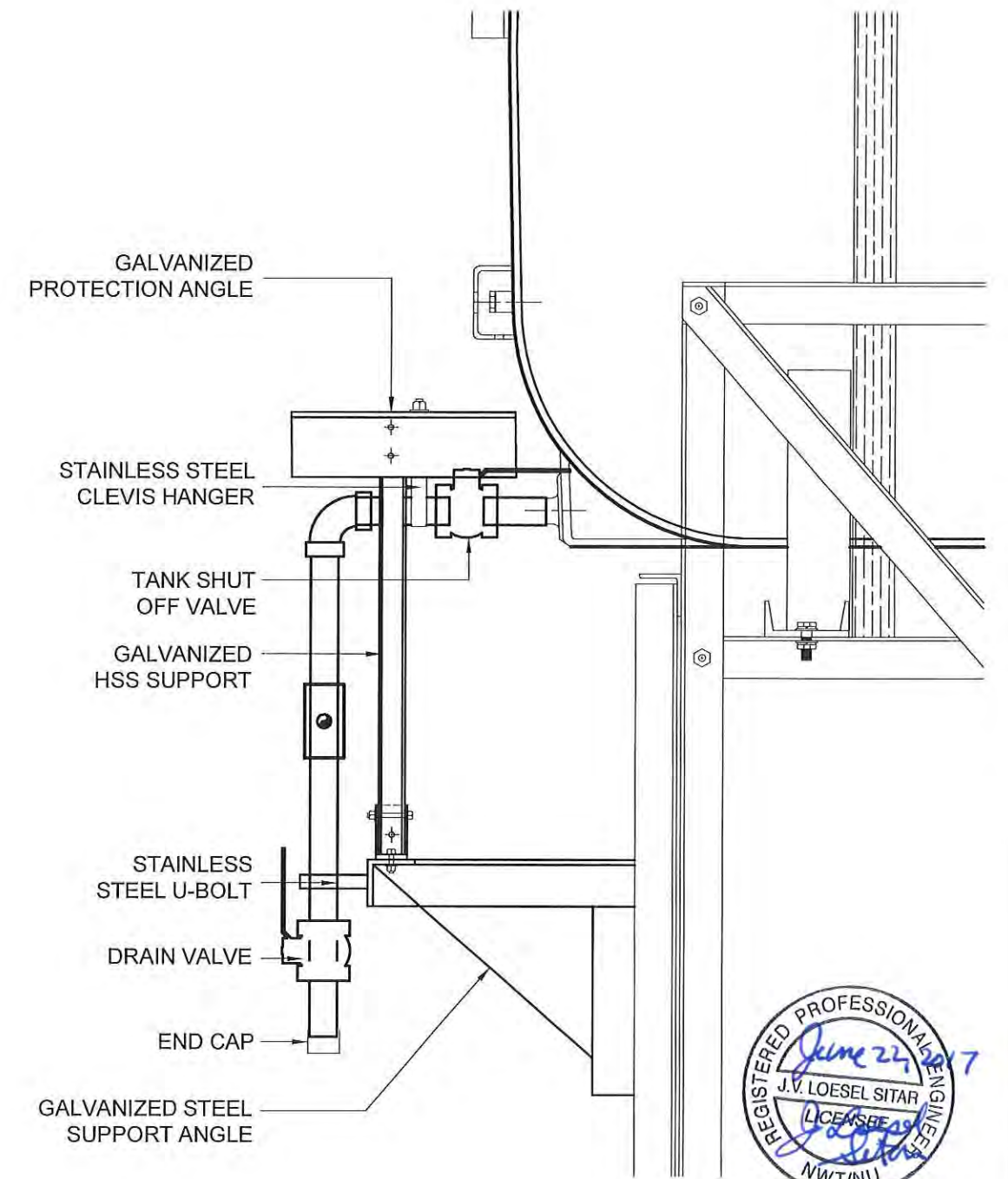
01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



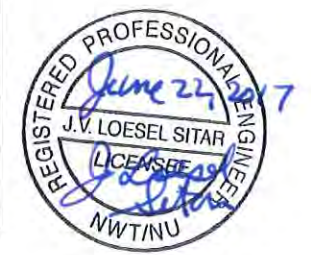
02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



01 2" FUEL LINE SUPPORT AND PROTECTION DETAIL TANK STAND  
 M2.0 SCALE: 1 1/2"-1'-0"



02 2" FUEL LINE SUPPORT AND PROTECTION DETAIL HORIZONTAL SECTION  
 M2.0 SCALE: 1 1/2"-1'-0"



PROJECT TITLE:  
 RCMP "V" DIVISION OIL TANK REPLACEMENT - HALL BEACH  
 V058 - DETACHMENT SITE PLAN, HALL BEACH  
 SHEET TITLE:  
 2" FUEL LINE SUPPORT DETAIL  
 PROJECT NUMBER:  
 16-028-14-30

00 ISSUED FOR REVIEW 17 03 03 JLS  
 REV. # REVISION DATE (YY MM DD) REV. BY

REV. # REVISION DATE (YY MM DD) REV. BY

SCALE:  
 AS NOTED  
 DATE (YY MM DD):  
 17 03 03

DRAWING NUMBER:

M2.1

REVISION NUMBER:  
 00

## GENERAL NOTES:

- DO NOT SCALE DRAWINGS.
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO COMMENCING CONSTRUCTION.
- SEE ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, ROUGH OPENING DIMENSIONS FOR WINDOWS, DOORS, ETC.
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENINGS IN FLOORS, ROOF, WALLS, ETC.
- DO NOT CUT OR DRILL OPENINGS IN ANY STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD.
- BEACH ROCKE ENGINEERING LTD. SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF REQUIRED SITE INSPECTIONS. (TEL: 1-204-255-7251, FAX: 1-204-257-7239).
- STRUCTURAL DRAWINGS SHOW THE COMPLETED STRUCTURE. THEY DO NOT SHOW COMPONENTS WHICH MAY BE NECESSARY FOR SAFETY DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SITE SAFETY AND TO ENSURE THAT ALL SUBTRADES CONFORM TO THE LATEST REGULATIONS OF THE PROVINCIAL "BUILDING PROTECTION ACT", TO PROVIDE ALL NECESSARY SAFETY EQUIPMENT AS REQUIRED THEREIN AND TO NOTIFY LOCAL AUTHORITIES AS REQUIRED BY LAW.
- THE CONTRACTOR SHALL CONFORM TO THE COLD WEATHER REQUIREMENTS OF THE CSA STANDARD A23.1/A23.2 AND THE NATIONAL BUILDING CODE.
- IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO LOCATE ALL SITE SERVICES PRIOR TO CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL DESIGN ALL SHORING, FORM WORK, AND BRACING TO ENSURE PROPER CONSTRUCTION AND ERECTION.
- THE CONTRACTOR SHALL VISIT THE SITE, AND NOTE ALL CHARACTERISTICS AND IRREGULARITIES AFFECTING THE WORK OF THIS SECTION.
- SHOP DRAWINGS NOT STAMPED, SIGNED, AND DATED BY THE CONTRACTOR WILL BE RETURNED AND SHALL BE CONSIDERED REJECTED. SHOP DRAWINGS FOR WORK DESIGNED BY THE CONTRACTOR SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER IN THE PROJECTS PROVINCE.
- THE CONTRACTOR SHALL SUBMIT AT LEAST 3 COPIES OF STAMPED SHOP DRAWINGS FOR ALL PRE-FABRICATED STRUCTURAL ASSEMBLIES, INCLUDING REINFORCING STEEL TO BEACH ROCKE ENGINEERING LTD. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. ALL SHOP DRAWINGS, EXCEPT REINFORCING STEEL, SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE PROJECTS PROVINCE.

## SLAB-ON-GRADE NOTES:

- ALL SLAB-ON-GRADE WILL EXPERIENCE MOVEMENT AND CRACKING DUE TO HEAVING AND SOIL EXPANSION RESULTING FROM THE NATURE OF THE CLAY SOIL, PREVIOUS AND PRESENT LEVEL OF VEGETATION AT THE SITE, SOIL MOISTURE LEVEL AND CONSTRUCTION PRACTICES. BEACH ROCKE ENGINEERING LTD. ACCEPTS NO LIABILITY FOR THIS CRACKING AND /OR MOVEMENT.

## CONCRETE NOTES:

- CONCRETE SHALL BE MANUFACTURED AND PLACED IN ACCORDANCE WITH THE CSA STANDARDS A23.1-09/A23.2-09.
- THE CONTRACTOR SHALL PROVIDE ONE SET OF STANDARD CONCRETE CYLINDER TEST RESULTS CONDUCTED BY AN INDEPENDENT TESTING FIRM FOR EACH DAYS POUR AND AN ADDITIONAL SET OF CYLINDERS FOR EVERY 50 CUBIC METERS POURED AT NO EXTRA COST TO THE OWNER. TEST RESULTS ARE TO BE FORWARDED TO BEACH ROCKE ENGINEERING LTD. IMMEDIATELY UPON RECEIPT FROM THE TESTING FIRM.
- PROVIDE A MINIMUM 150mm (6") VOID UNDER ALL BEAMS, WALLS AND STRUCTURAL SLABS. VOID TO BE SHEARMAT OR APPROVED CARDBOARD VOIDFORM.
- VIBRATE ALL CONCRETE TO ENSURE COMPLETE CONSOLIDATION.
- THE LOCATIONS OF CONSTRUCTION JOINTS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE APPROVED BY BEACH ROCKE ENGINEERING LTD.
- WHEN THE OUTSIDE TEMPERATURE FALLS BELOW 5 DEGREES CENTIGRADE, THE CONTRACTOR SHALL CONFORM TO CSA STANDARD A23.1-09/A23.2-09 AND THE NATIONAL BUILDING CODE FOR COLD WEATHER CONCRETING PROCEDURES, AND SHALL RECIEVE WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD. PRIOR TO COMMENCING CONCRETE CONSTRUCTION.
- PROVIDE  $\frac{3}{8}$ " x 1" SAW CUTS AT 20' O.C. BOTH WAYS IN FLOOR SLABS UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONCRETE SHALL CONFORM TO THE FOLLOWING:

NAME	CONC. TYPE	STRENGTH	MAX. AGG.	SLUMP(MAX) AIR	EXPOSURE CLASS
SLABS	TYPE 10	32MPA @ 28 DAYS	20mm	120mm 5-8%	C-2

## REINFORCING STEEL NOTES:

- REINFORCING STEEL SHALL BE NEW BILLET DEFORMED BARS MANUFACTURED AND DETAILED IN ACCORDANCE WITH CAN/CSA-G30.18-M92, WITH MINIMUM YIELD STRENGTH AS FOLLOWS: 10M BARS-300MPA, 15M BARS & LARGER - 400MPA.
- REINFORCING STEEL SHALL BE FREE FROM LOOSE RUST, MUD, OIL OR OTHER COATINGS WHICH MAY REDUCE THE BOND OR HARM THE CONCRETE.
- REINFORCING STEEL SHALL BE HELD IN PLACE AND TIED WITH PROPER ACCESSORIES SUCH AS HI-CHAIRS, SPACERS, TIES, ETC. SUPPLIED BY THE REINFORCING STEEL PROVIDER. APPROPRIATE SUPPORT SHALL BE PROVIDED UNDER ALL SUPPORT ACCESSORIES TO ENSURE THAT THE REINFORCING STEEL IS ACCURATELY POSITIONED.
- LAP TOP BARS AT MID-SPAN AND BOTTOM BARS OVER SUPPORTS.
- BEND ALL HORIZONTAL STEEL 18" AROUND CORNERS, OR USE EXTRA 36"x36" CORNER BARS TO MATCH HORIZONTALS.
- PROVIDE 2-15M AROUND ALL SLAB, WALL, & BEAM OPENINGS, UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS.
- CONCRETE COVER TO REINFORCING STEEL SHALL BE AS FOLLOWS:
  - CONCRETE CAST IN DIRECT CONTACT WITH SOIL - 75mm (3")
  - FORMED CONCRETE IN CONTACT WITH SOIL 15M OR SMALLER - 50mm (2")
  - FORMED CONCRETE IN CONTACT WITH SOIL 20M OR LARGER - 40mm (1 1/2")
  - FORMED CONCRETE NOT IN CONTACT WITH SOIL (BEAMS AND COLUMNS) - 40mm (1 1/2")
  - FORMED CONCRETE NOT IN CONTACT WITH SOIL (SLABS AND WALLS) - 20mm (3/4")
- MISCELLANEOUS CONCRETE HOUSEKEEPING PADS AND CURBS SHALL BE REINFORCED WITH A MINIMUM 10M AT 18" O.C. EACH WAY UNLESS NOTED. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

## STRUCTURAL STEEL NOTES:

- STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE CAN/CSA-S16-09 BY FULLY CERTIFIED MEMBERS OF THE CANADIAN INSTITUTE OF STEEL CONSTRUCTION.
- ALL STRUCTURAL STEEL SHALL CONFORM TO THE CAN/CSA G40.21-350W CLASS C TO SIZES AND SHAPES INDICATED ON THE DRAWINGS. NO SUBSTITUTIONS IN GRADES OR SIZES ARE PERMITTED WITHOUT WRITTEN APPROVAL OF BEACH ROCKE ENGINEERING LTD. ALL ANGLES AND PLATES TO BE G40.21-300W.
- ALL FABRICATION SHALL BE CARRIED OUT IN PLANT FACILITIES CERTIFIED BY THE CANADIAN WELDING BUREAU TO CSA S16-09 AND S136. SITE FABRICATION IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM BEACH ROCKE ENGINEERING LTD.
- ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE CSA W59 BY WELDERS FULLY CERTIFIED FOR STRUCTURAL WELDING BY THE CANADIAN BUREAU TO CSA W47.1. ALL BASE AND CAP PLATES SHALL BE FULLY WELDED TO COLUMNS.
- STRUCTURAL FASTENERS SHALL BE A325 BOLTS. ANCHOR BOLTS SHALL BE 18" LG. C/W 3"HOOK (A307) UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS. BASE AND CAP PLATES TO BE 3/4" THICK. CAP PLATES TO HAVE MIN. 4 BOLT (A325) CONNECTION UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.
- PROVIDE TEMPORARY GUYING AND BRACING AS NECESSARY TO PROVIDE STABILITY FOR THE WHOLE STRUCTURE UNTIL DECKING AND PERMANENT BRACING ARE SECURED IN PLACE.
- PROVIDE 3/8" STIFFENER PLATES IN ALL BEAMS CONTINUOUS OVER SUPPORTS. HOLES ARE NOT PERMITTED IN THE TOP FLANGES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- CLEAN ALL FIELD WELDS AND TOUCH UP WITH PRIMER TO MATCH SHOP COAT - ZINC PAINT
- DESIGN AND FABRICATE CONNECTIONS FOR THE FULL STRENGTH OF THE MEMBER. SPLICING OF MEMBERS IS NOT PERMITTED UNLESS WRITTEN APPROVAL FROM THE DESIGN ENGINEER HAS BEEN PROVIDED.
- ALL STEEL SHALL BE GALVANIZED.**
- STRUCTURAL STEEL SUPPLIER SHALL PROVIDE STAMPED SHOP DRAWINGS TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

## STRUCTURAL DRAWING LIST:

- S1 - STRUCTURAL PROJECT NOTES
- S2 - TYP TANK SLAB, BOLLARD AND BASE PLATE DETAILS & ISOMETRIC VIEW OF METAL STAND
- S3 - CONNECTION #1 DETAILS
- S4 - CONNECTION #2 DETAILS
- S5 - TANK #1 - PLAN VIEW OF TANK ON SLAB
- S6 - TANK #1 - ELEVATIONS OF TANK ON SLAB
- S7 - TANK #2 - PLAN VIEW OF TANK ON LOW METAL STAND
- S8 - TANK #2 - ELEVATIONS OF LOW METAL STAND
- S9 - TANK #2 - ELEVATIONS OF LOW METAL STAND
- S10 - TANK #3 - PLAN VIEW OF TANK ON HIGH METAL STAND
- S11 - TANK #3 - ELEVATIONS OF HIGH METAL STAND
- S12 - TANK #3 - ELEVATIONS OF HIGH METAL STAND
- S13 - TANK #4 - PLAN VIEW OF TANK ON LOW DOUBLE METAL STAND
- S14 - TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND
- S15 - TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND
- S16 - TANK #5 - PLAN VIEW OF TANK ON HIGH DOUBLE METAL STAND
- S17 - TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND
- S18 - TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
PROJECT NOTES

PROJECT NUMBER:  
17-122-CG-39



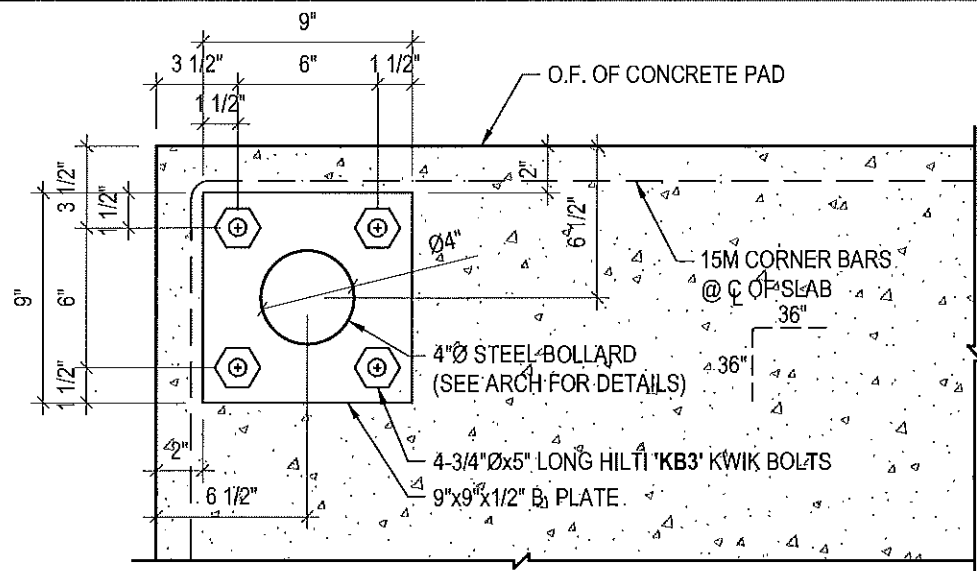
REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

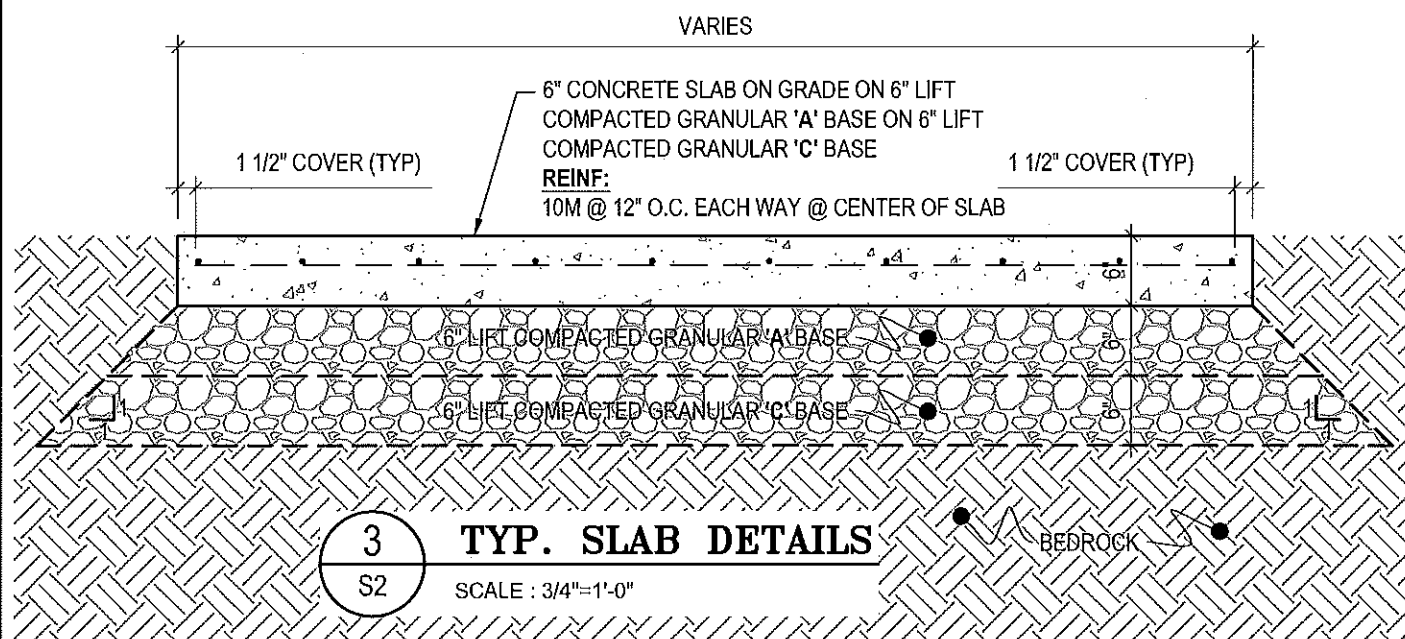
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:
S1
REVISION NUMBER:
00

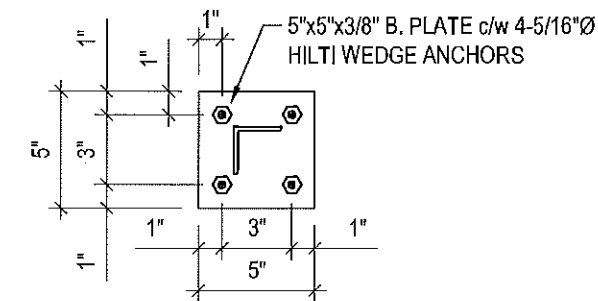


**1 TYP BOLLARD BASE PLATE DETAILS**  
S2 SCALE : 1 1/2"=1'-0"

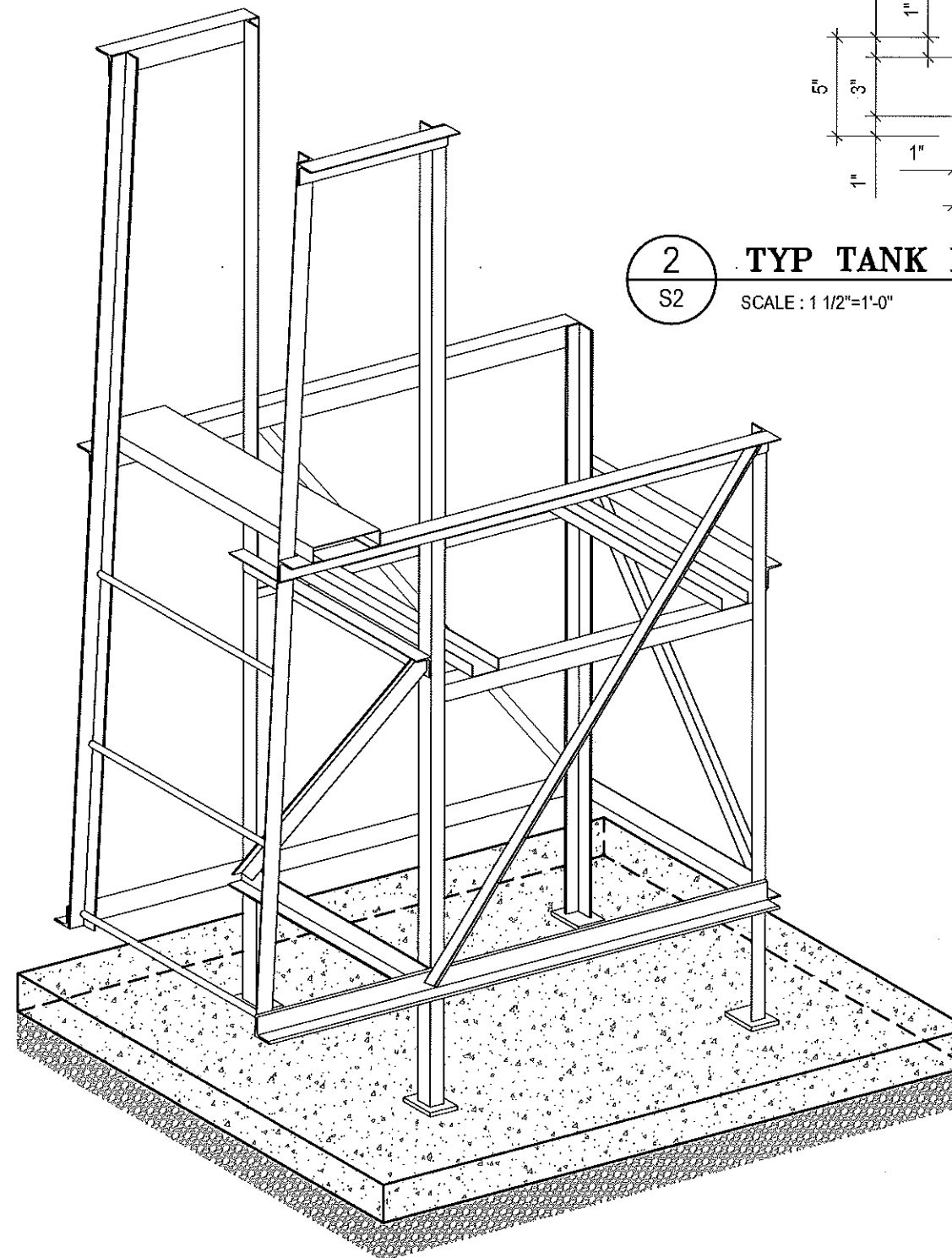
**NOTES:**  
 • ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)  
 • CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



**3 TYP. SLAB DETAILS**  
S2 SCALE : 3/4"=1'-0"



**2 TYP TANK BASE PLATE DETAIL**  
S2 SCALE : 1 1/2"=1'-0"



**4 TYP. ISOMETRIC VIEW OF METAL STANDS**  
S2 NOT TO SCALE



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TYPICAL PROJECT DETAILS  
PROJECT NUMBER:  
17-122-CG-39

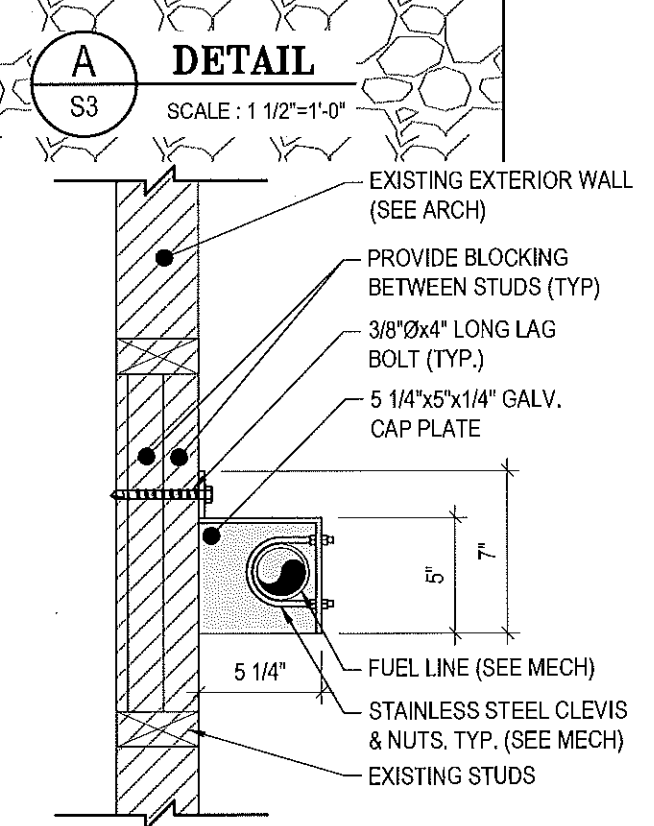
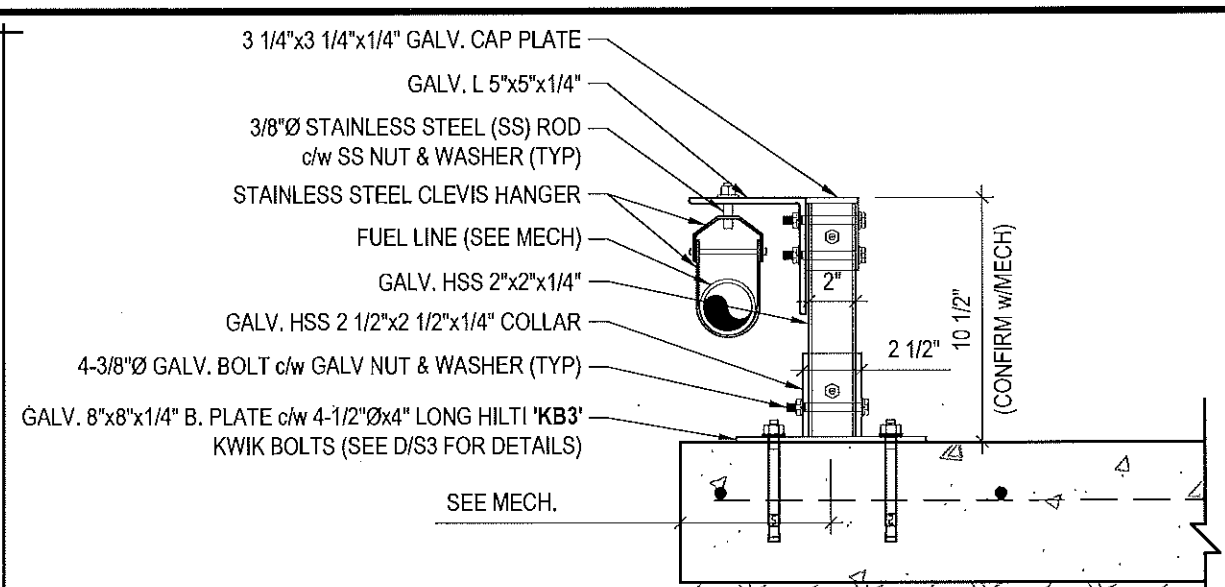
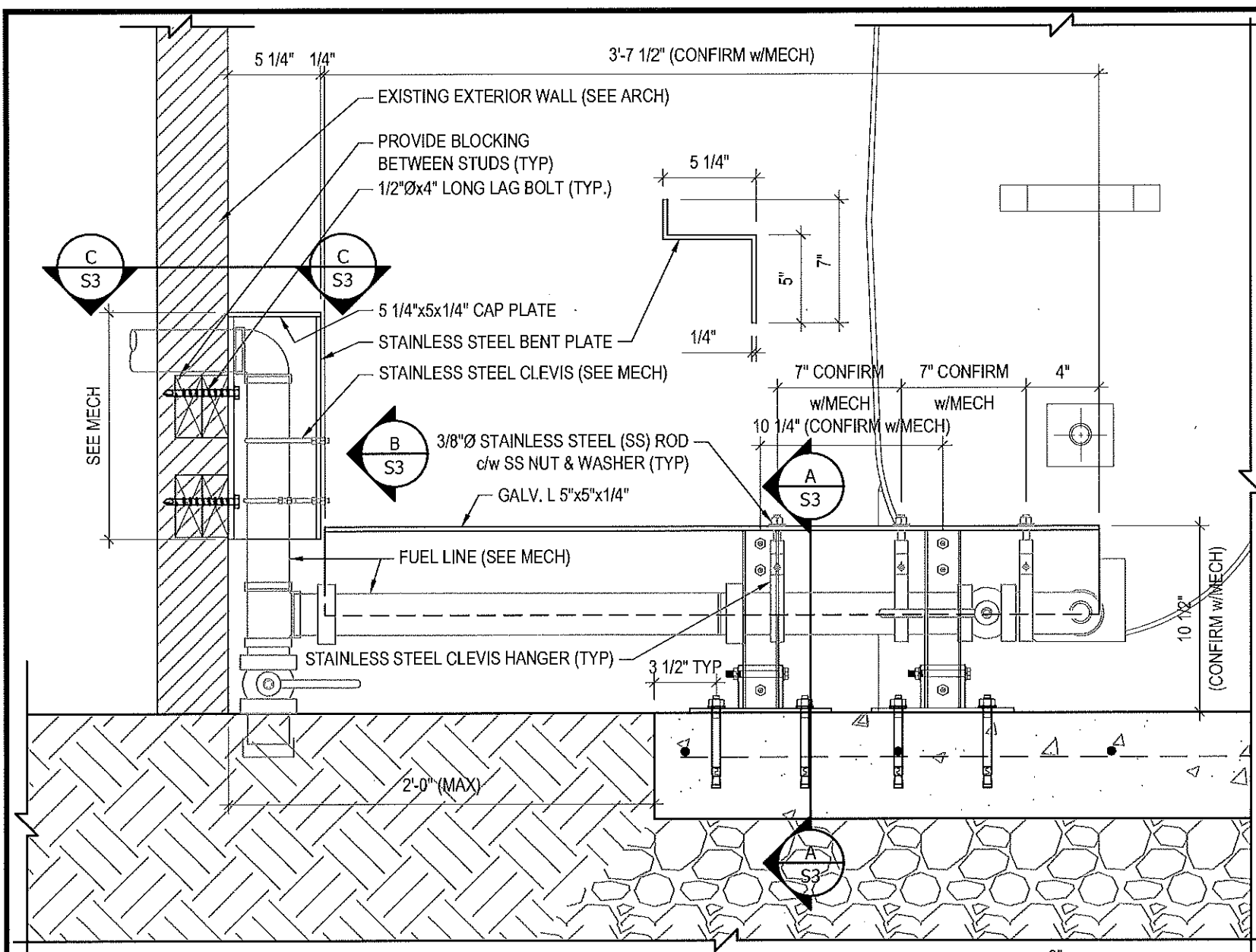


REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

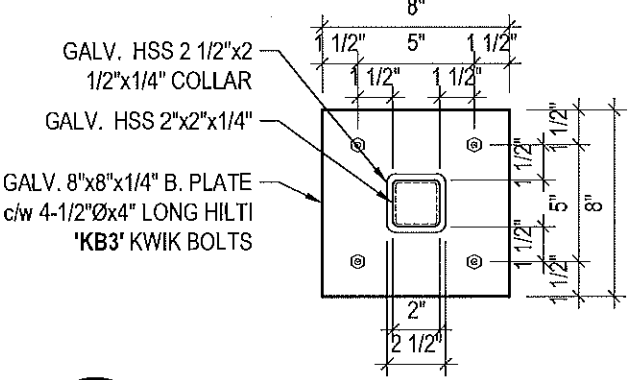
SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S2**  
REVISION NUMBER:  
00

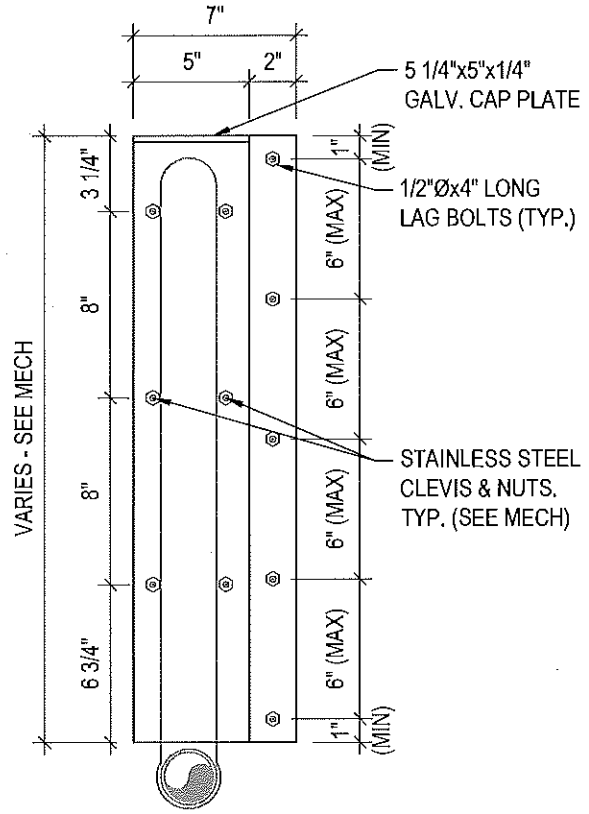


**1 CONNECTION #1 DETAILS**  
S3 SCALE: 1 1/2"=1'-0"

**NOTES:**  
 • ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)  
 • CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



**D BASE PLATE DETAILS**  
S3 SCALE: 1 1/2"=1'-0"



**B BENT PLATE DETAILS**  
S3 SCALE: 1 1/2"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
 SHEET TITLE:  
CONNECTION #1 DETAILS  
 PROJECT NUMBER:  
17-122-CG-39

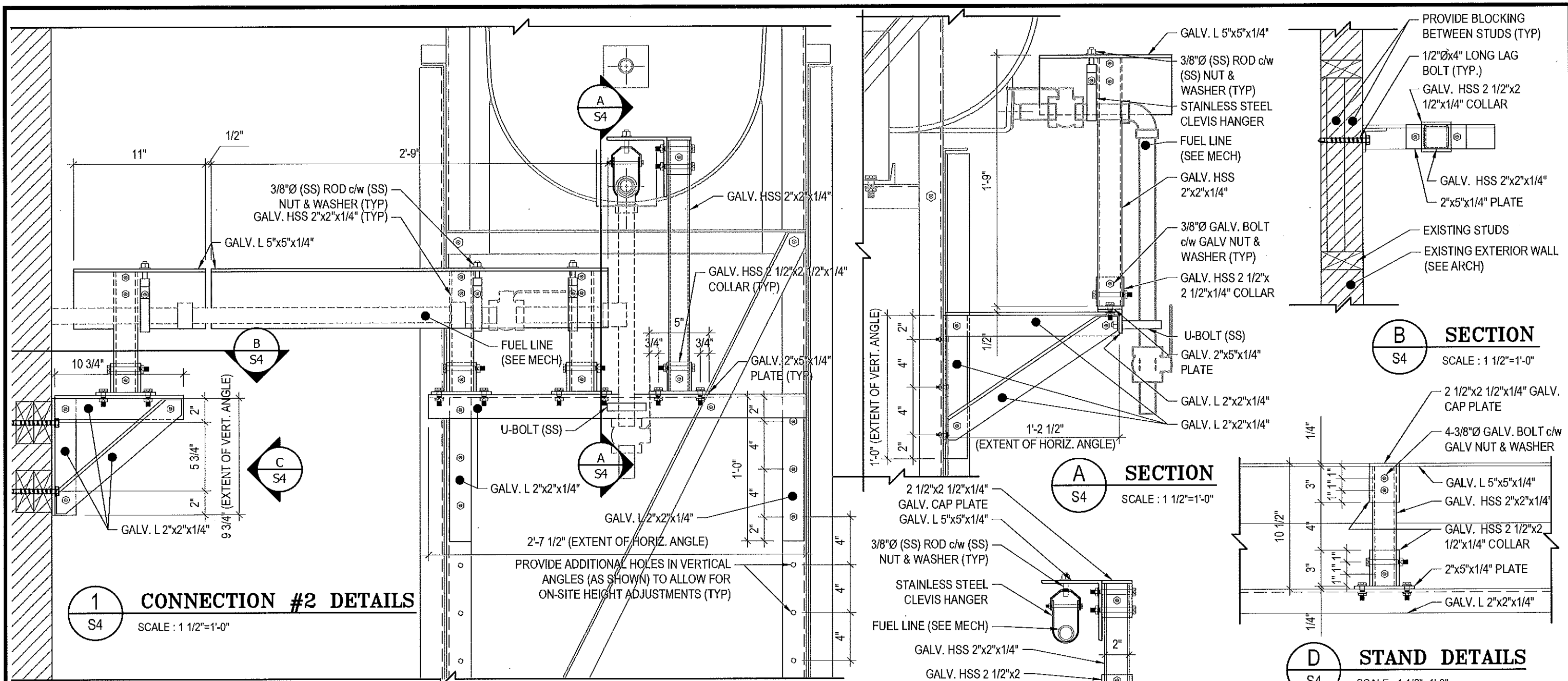


03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
 DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S3**  
 REVISION NUMBER:  
00



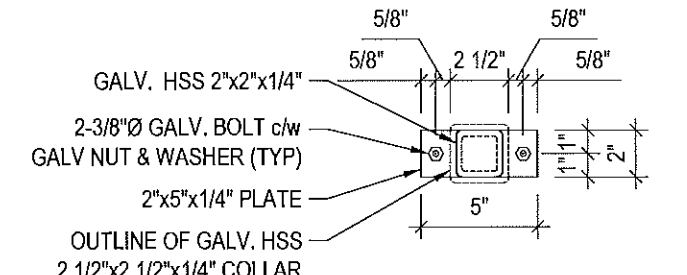
**1 CONNECTION #2 DETAILS**  
 S4 SCALE: 1 1/2"=1'-0"

**B SECTION**  
 S4 SCALE: 1 1/2"=1'-0"

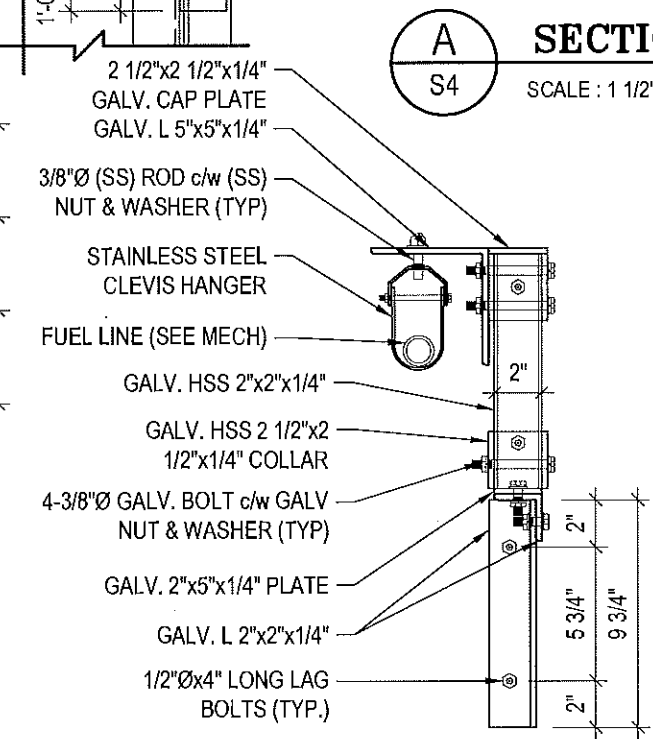
**A SECTION**  
 S4 SCALE: 1 1/2"=1'-0"

**D STAND DETAILS**  
 S4 SCALE: 1 1/2"=1'-0"

**NOTES:**  
 • ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)  
 • CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



**E STAND PLATE DETAILS**  
 S4 SCALE: 1 1/2"=1'-0"



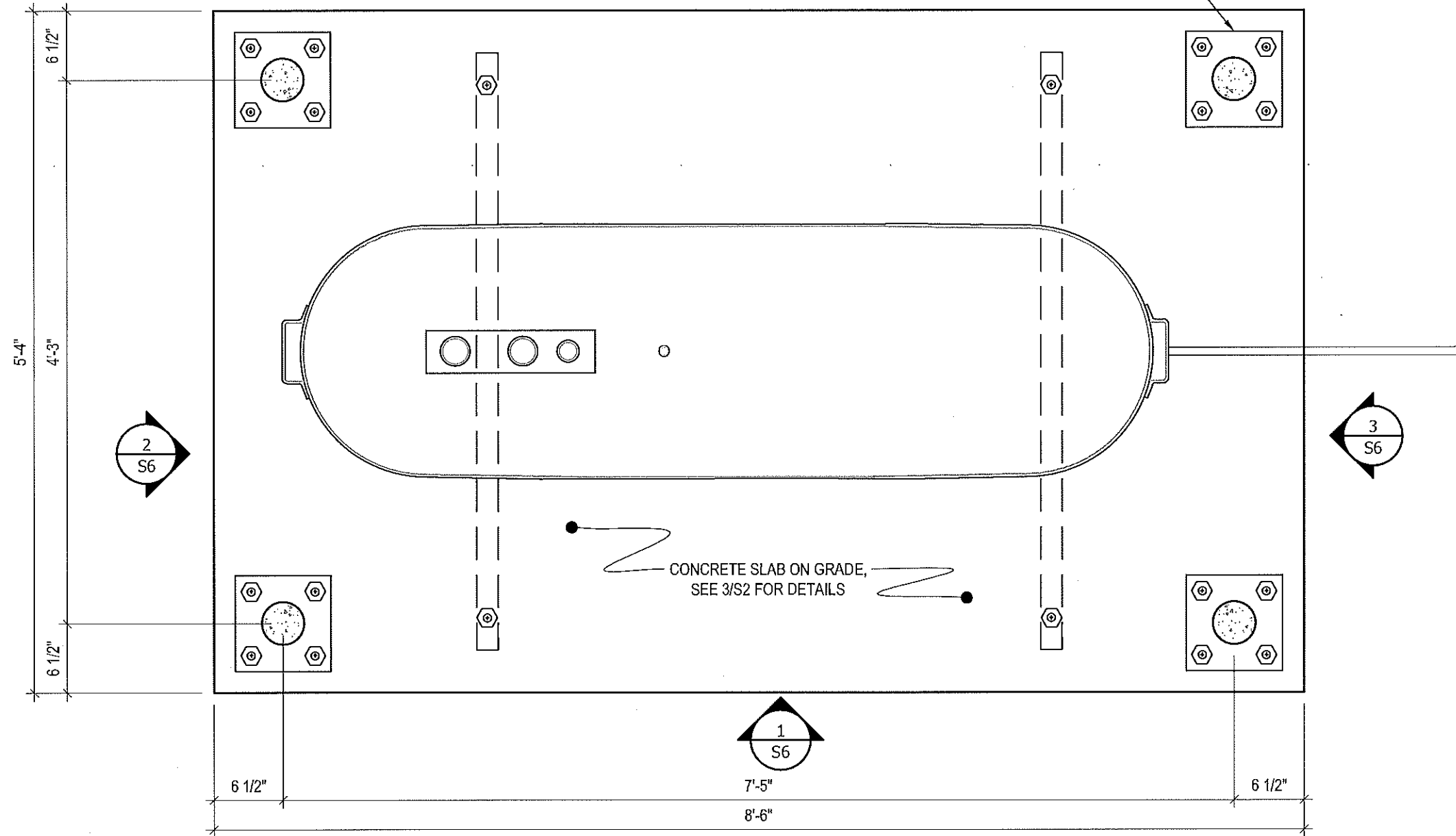
**C ELEVATION**  
 S4 SCALE: 1 1/2"=1'-0"



	PROJECT TITLE: <b>RCMP "V" DIVISION OIL TANK REPLACEMENT</b>	<b>Beach Rocks</b> ENGINEERING LTD. <small>Professional Engineering Services          1059 St. Mary's Road, Westport, 1st Floor R2M 3S9          Telephone: (204) 555-7281 Fax: (204) 257-7237          Website: www.beachrocks.ca</small>	03 ISSUED FOR TENDER 17 06 12 RH	DRAWING NUMBER: <b>S4</b>																	
	SHEET TITLE: <b>CONNECTION #2 DETAILS</b>		02 ISSUED FOR 99% REVIEW 17 05 30 RH																		
PROJECT NUMBER: <b>17-122-CG-39</b>	01 ISSUED FOR REVIEW 17 03 31 RH	SCALE: <b>AS NOTED</b>	DATE (YY MM DD): <b>17 06 12</b>	REVISION NUMBER: <b>00</b>																	
		<table border="1"> <thead> <tr> <th>REV. #</th> <th>REVISION</th> <th>DATE (YY MM DD)</th> <th>REV. BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REV. #	REVISION	DATE (YY MM DD)	REV. BY					<table border="1"> <thead> <tr> <th>REV. #</th> <th>REVISION</th> <th>DATE (YY MM DD)</th> <th>REV. BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REV. #	REVISION	DATE (YY MM DD)	REV. BY				
REV. #	REVISION	DATE (YY MM DD)	REV. BY																		
REV. #	REVISION	DATE (YY MM DD)	REV. BY																		



CONCRETE BOLLARD BASE PLATE. SEE 1/2 FOR STRUCTURAL DETAILS, SEE MECHANICAL DRAWINGS FOR LOCATION AND NUMBER OF BOLLARDS REQUIRED FOR EACH CONCRETE PAD BASE



1 PLAN VIEW - TANK #1  
S5 SCALE : 1"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #1 - PLAN VIEW  
PROJECT NUMBER:  
17-122-CG-39

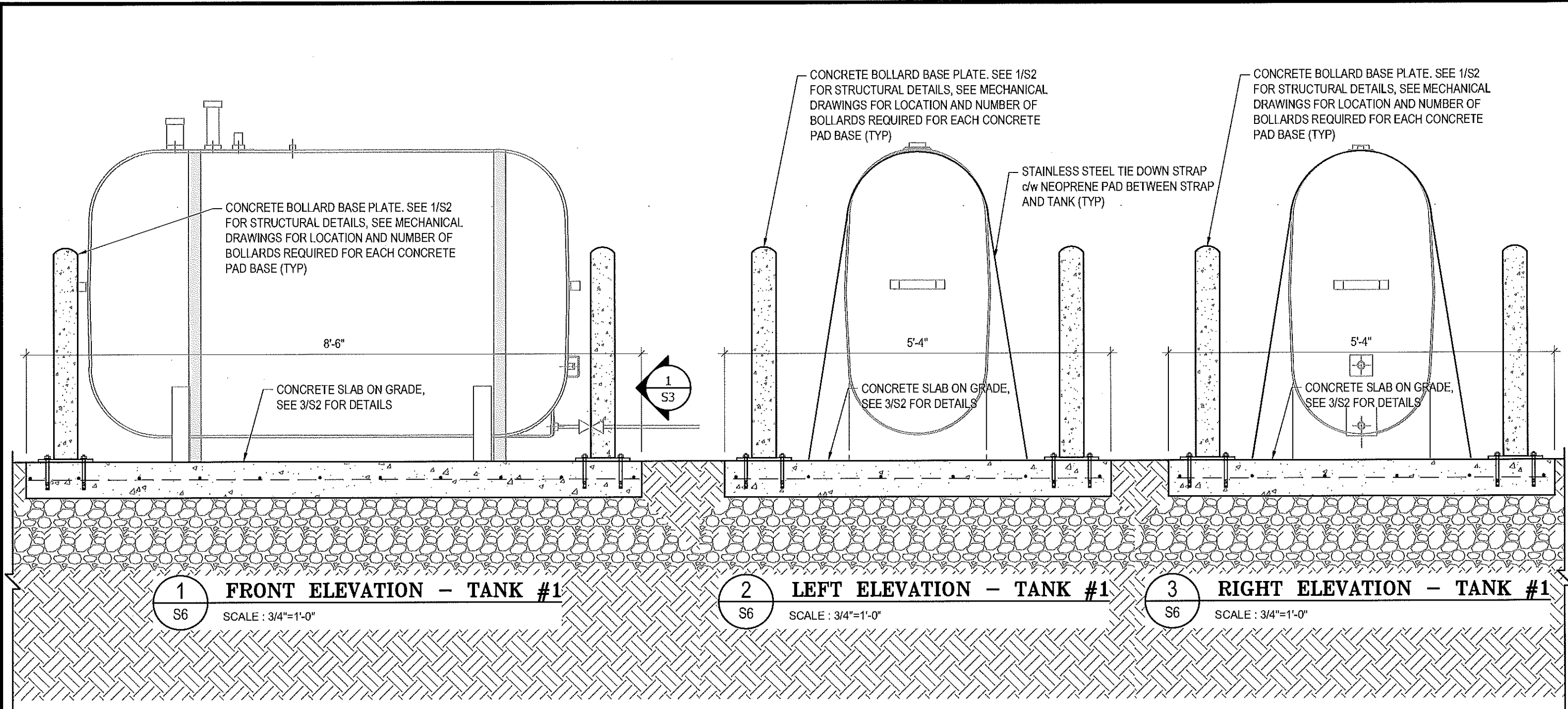
**Beach Rocke**  
ENGINEERING LTD.  
Professional Engineering Services  
1050 St. Mary's Road, Winnipeg, Manitoba R2M 3S9  
Telephone: (204) 255 7781 Fax: (204) 257 7239  
Website: www.beachrocke.ca

REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S5**  
REVISION NUMBER:  
00



**1 FRONT ELEVATION - TANK #1**  
S6 SCALE : 3/4"=1'-0"

**2 LEFT ELEVATION - TANK #1**  
S6 SCALE : 3/4"=1'-0"

**3 RIGHT ELEVATION - TANK #1**  
S6 SCALE : 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #1 - ELEVATIONS  
PROJECT NUMBER:  
17-122-CG-39

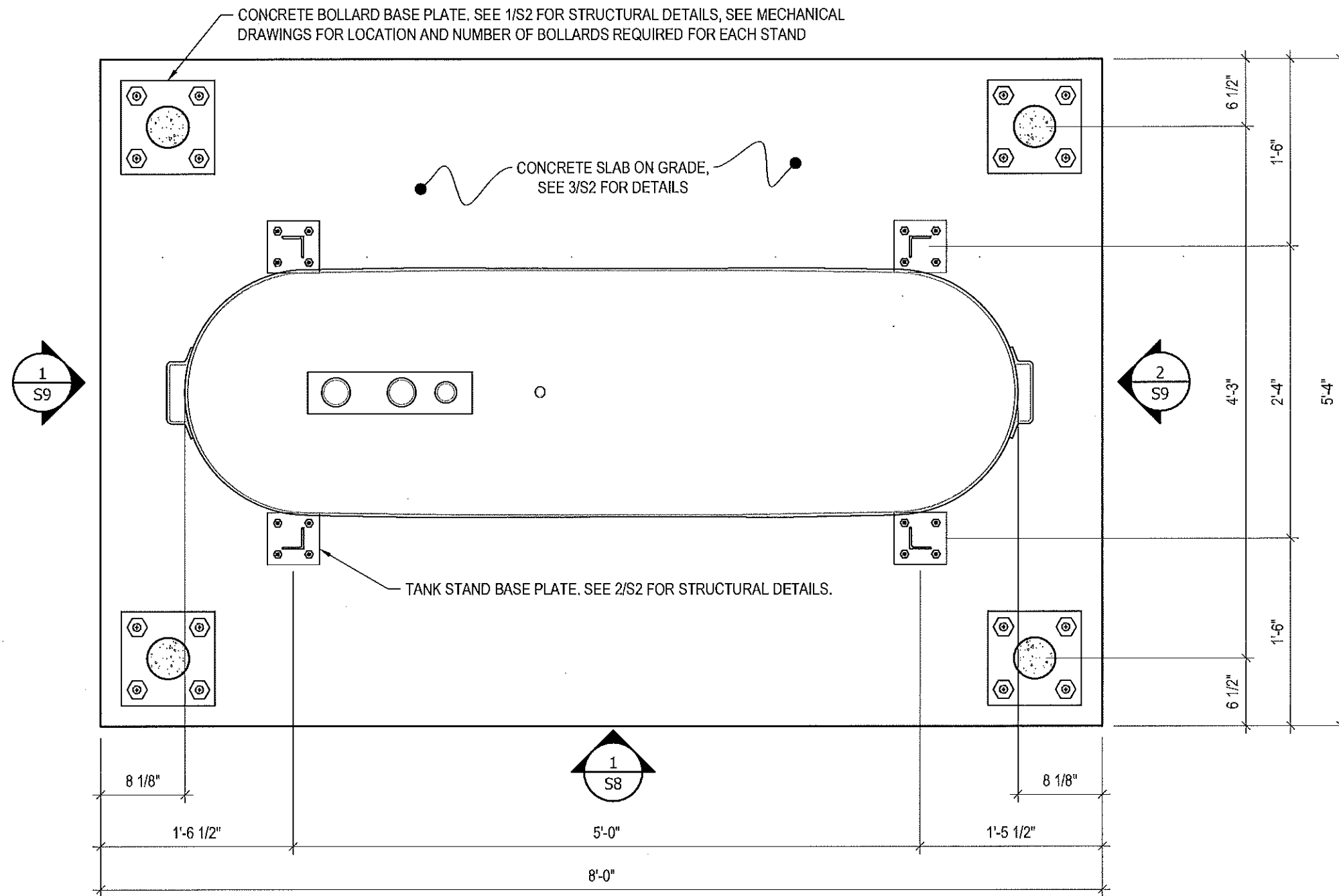


REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S6**  
REVISION NUMBER:  
00



1 PLAN VIEW - TANK #2  
S7 SCALE : 1"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #2 - PLAN VIEW  
PROJECT NUMBER:  
17-122-CG-39

**Beach Rocke**  
ENGINEERING LTD.  
Professional Engineering Services  
1690 St. Mary's Road, Winnipeg, Manitoba R2M 3S9  
Telephone: (204) 253 7251 Fax: (204) 259 7239  
Website: www.beachrocke.ca

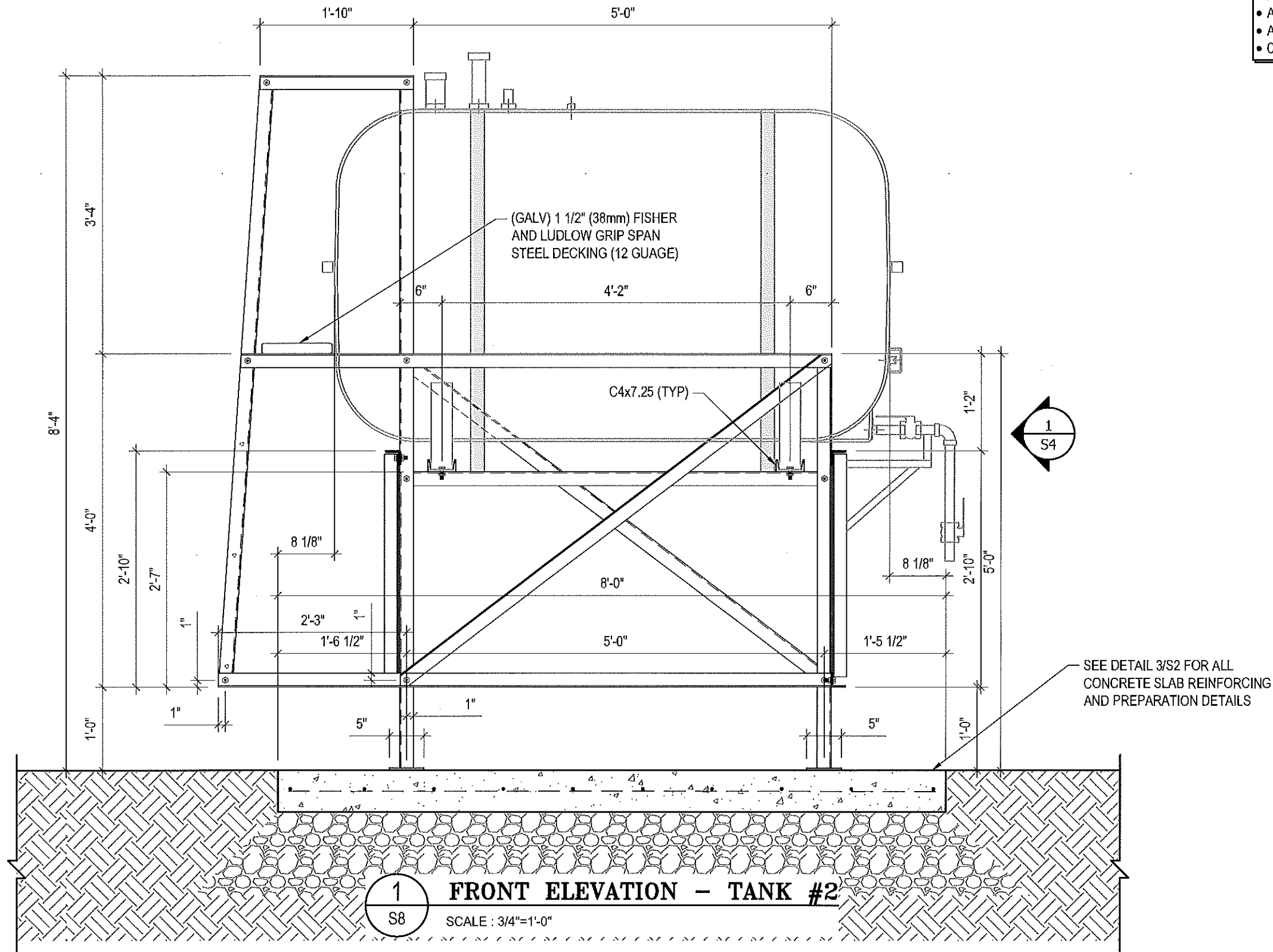
REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S7**  
REVISION NUMBER:  
00

- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



1  
S8 FRONT ELEVATION - TANK #2  
SCALE : 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #2 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39

**Beach Rocke**  
ENGINEERING LTD.  
Professional Engineering Services  
1029 St. Mary's Road, Windsor, Ontario N2M 3S9  
Tel: (519) 253-7251 Fax: (519) 253-7239  
Web: www.beachrocke.ca

03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

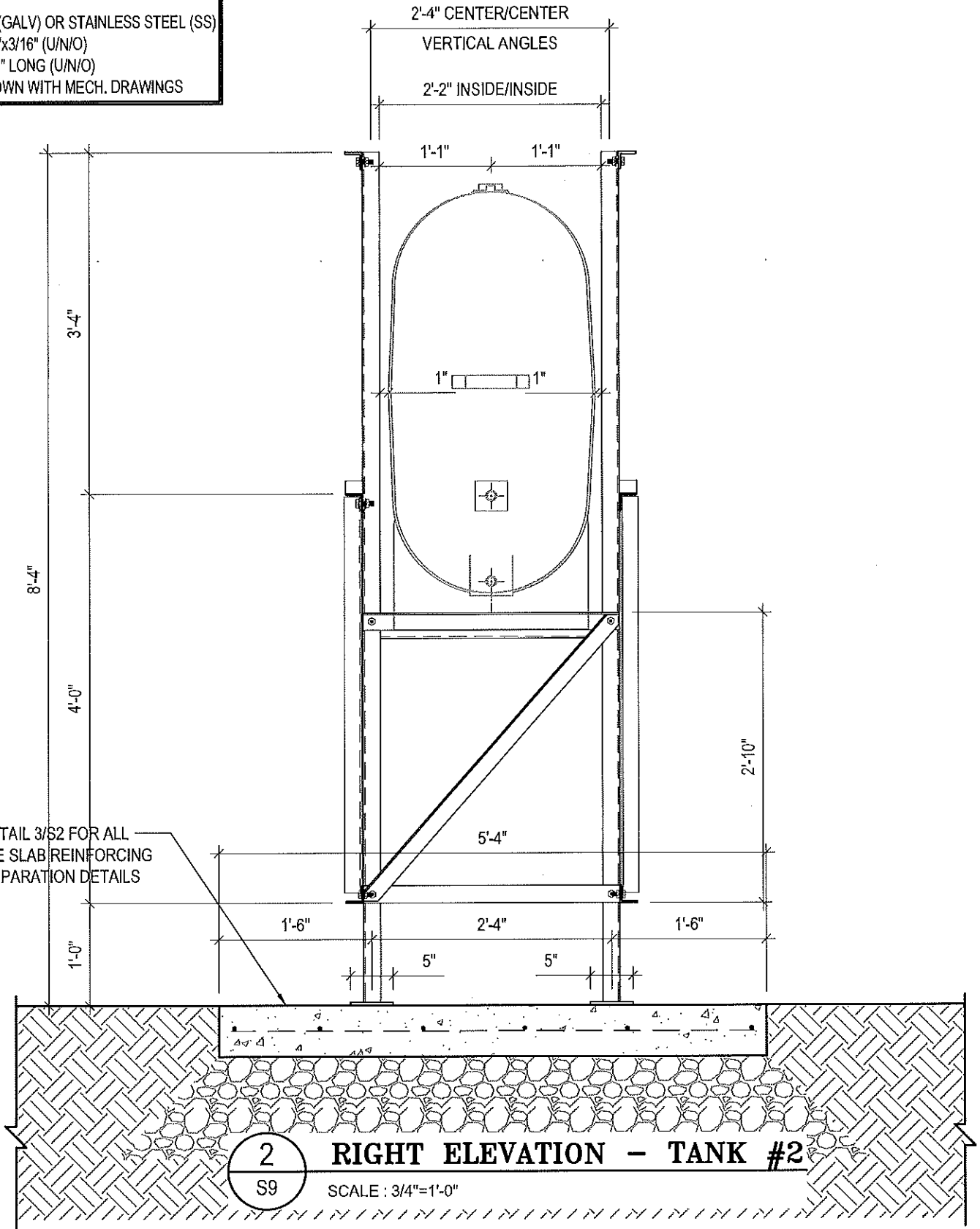
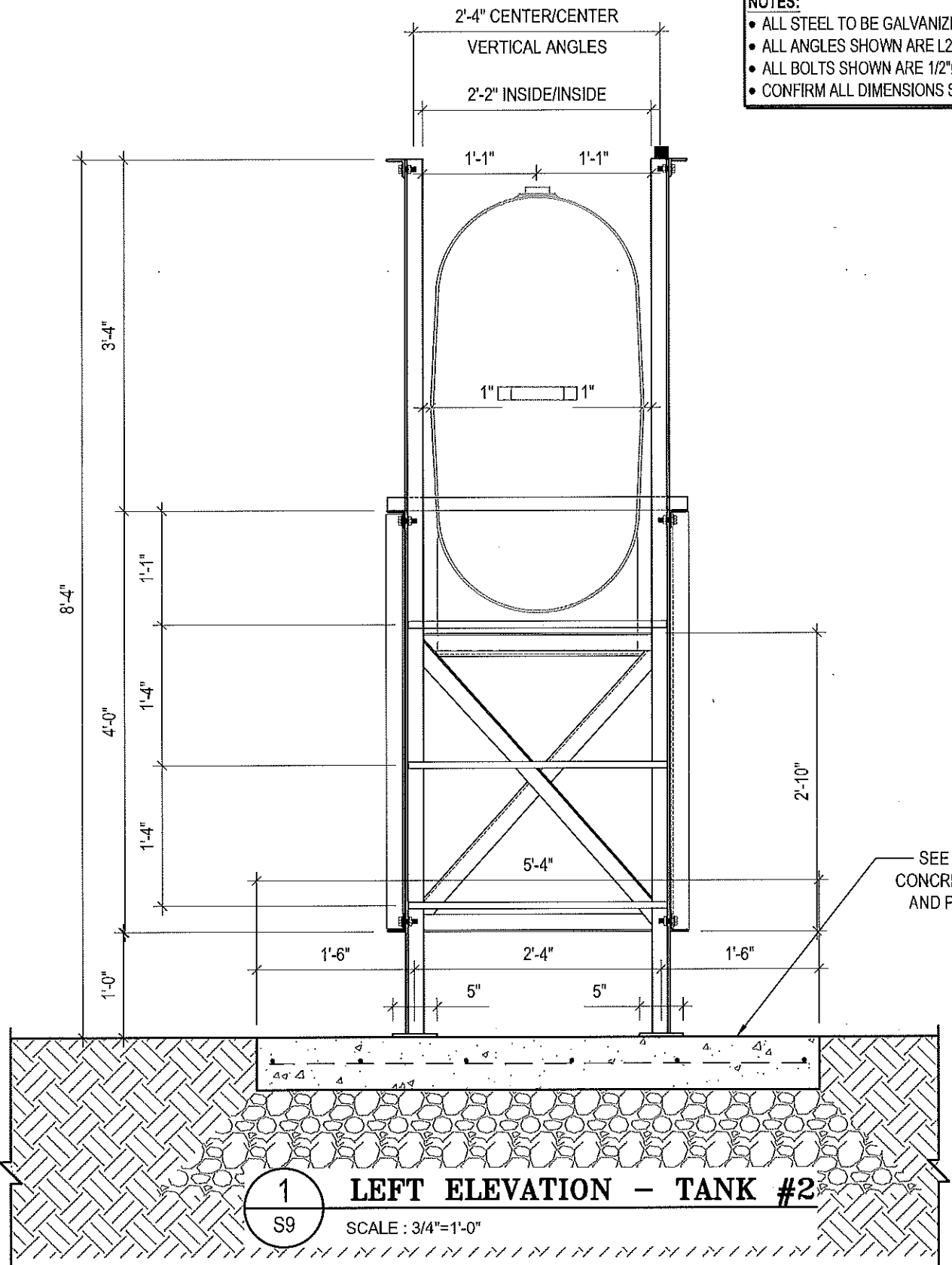
SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S8**

REVISION NUMBER:  
00

- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #2 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39

**Beach Rocke**  
ENGINEERING LTD.

Professional Engineering Services  
1653 St Mary's Road, Winnipeg, Manitoba R2M 3S9  
Telephone: (204) 255-7251 Fax: (204) 267-7239  
Website: www.beachrocke.ca

REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

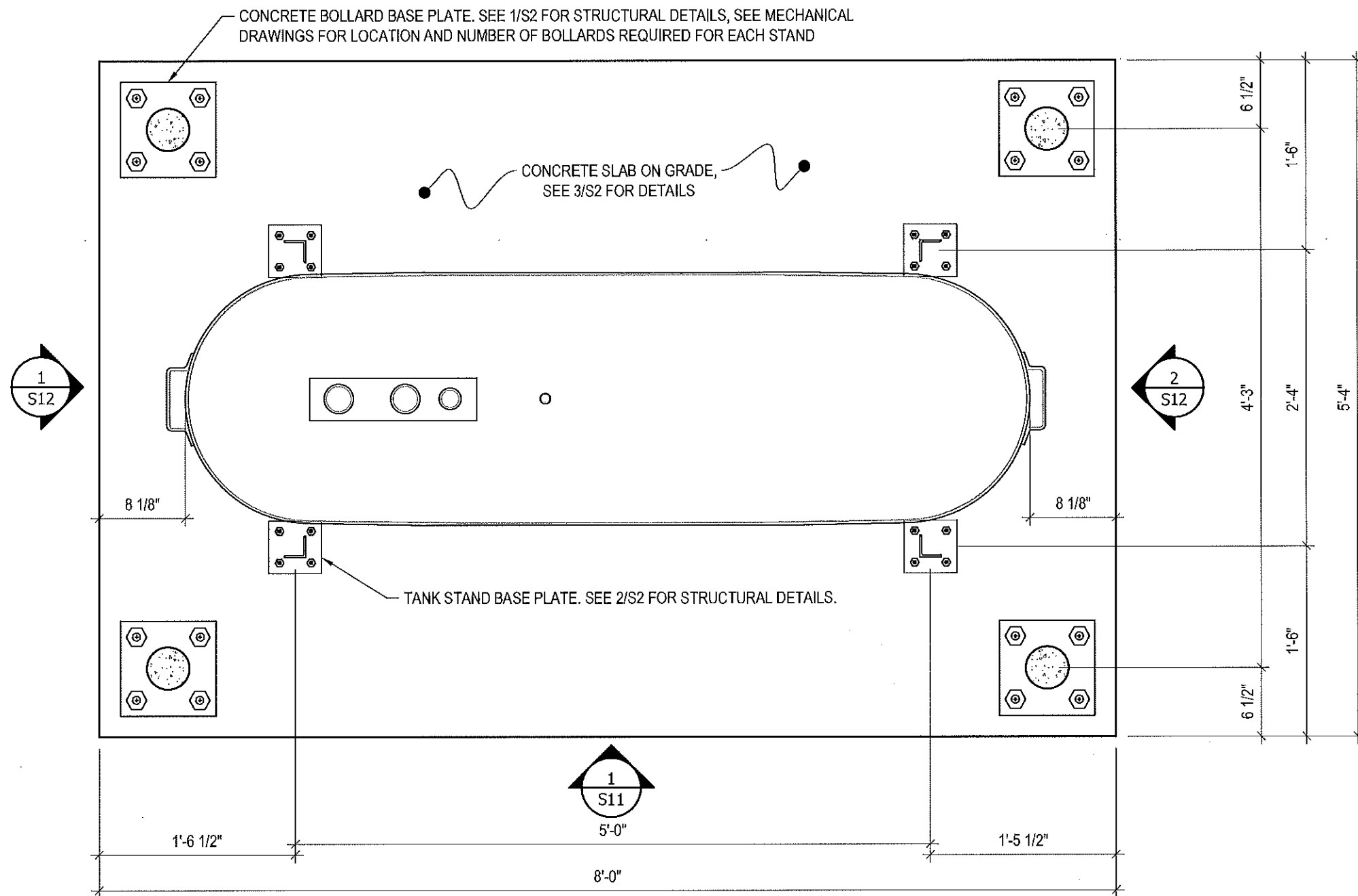
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S9**

REVISION NUMBER:  
00



1 PLAN VIEW - TANK #3  
 S10 SCALE : 1"=1'-0"



PROJECT TITLE:  
 RCMP "V" DIVISION OIL TANK REPLACEMENT  
 SHEET TITLE:  
 TANK #3 - PLAN VIEW  
 PROJECT NUMBER:  
 17-122-CG-39

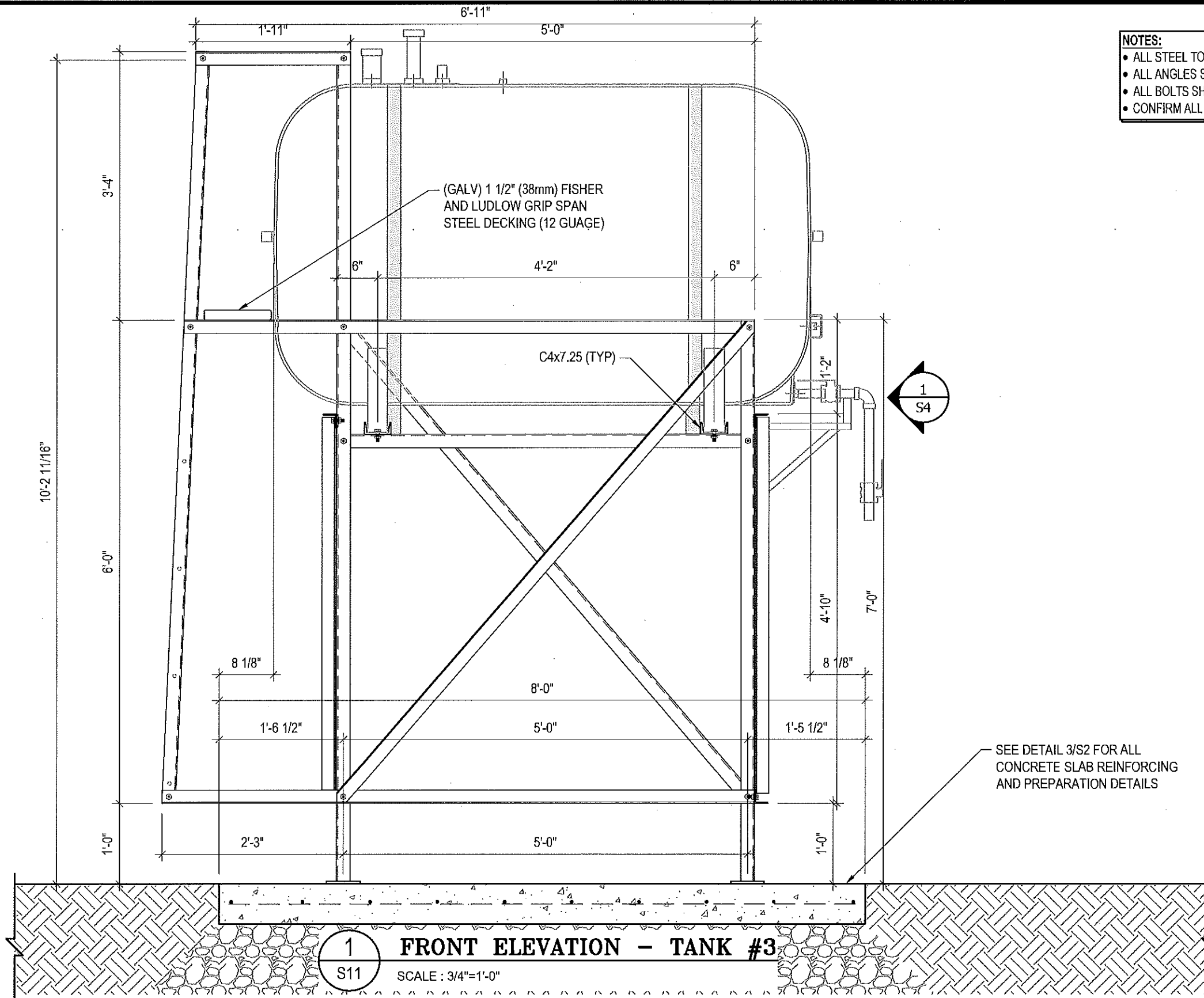
**Beach Rocke**  
 ENGINEERING LTD.  
 Professional Engineering Services  
 1050 St. Mary's Road, Winnipeg, Manitoba R3M 3S9  
 Telephone: (204) 255-7261 Fax: (204) 257-7239  
 Website: www.beachrocke.ca

REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
 AS NOTED  
 DATE (YY MM DD):  
 17 06 12

DRAWING NUMBER:  
**S10**  
 REVISION NUMBER:  
 00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS

**1**  
S11 **FRONT ELEVATION - TANK #3**  
SCALE : 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #3 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

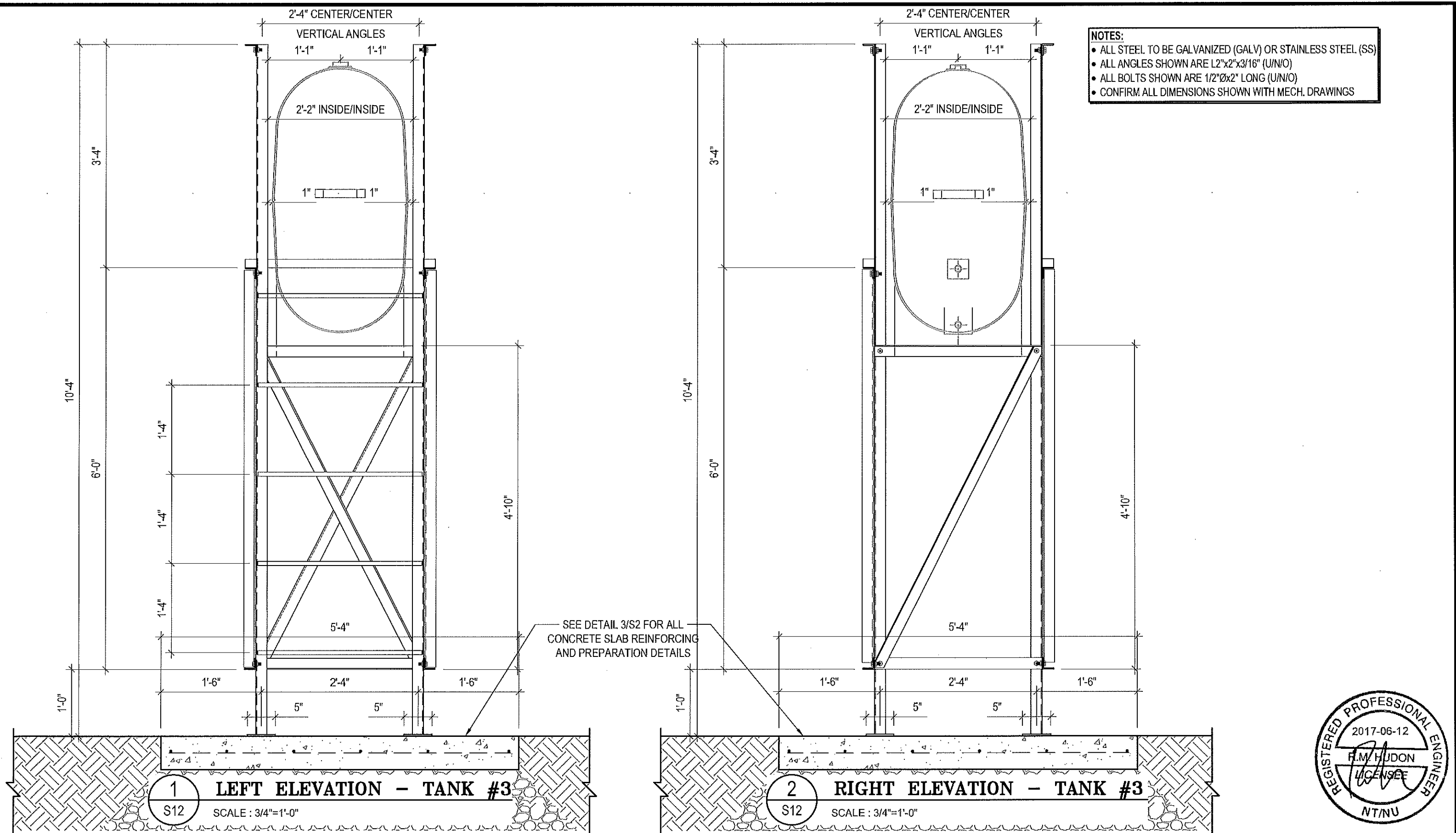
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S11**

REVISION NUMBER:  
00



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #3 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

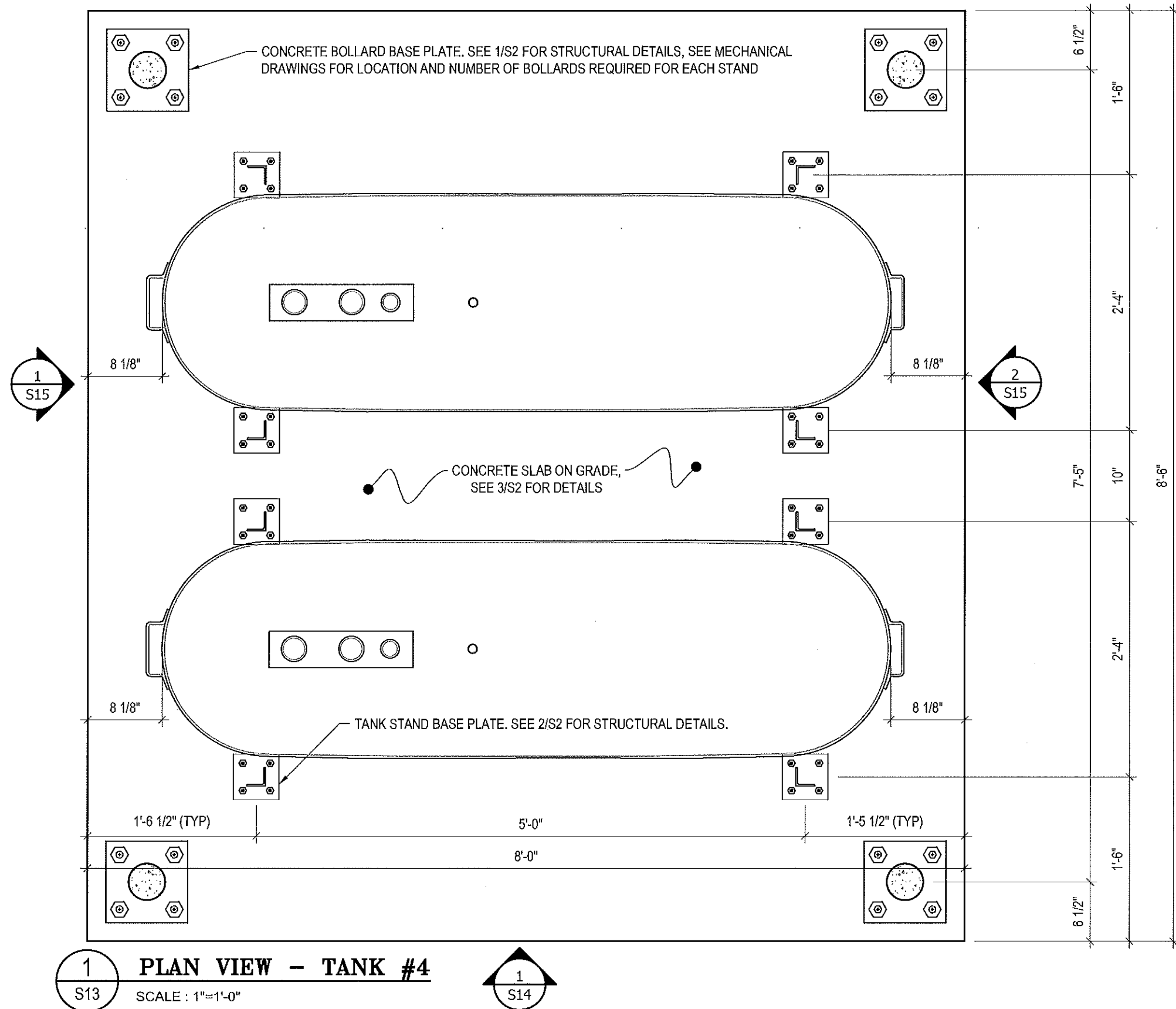
SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S12**

REVISION NUMBER:  
00





PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #4 - PLAN VIEW

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

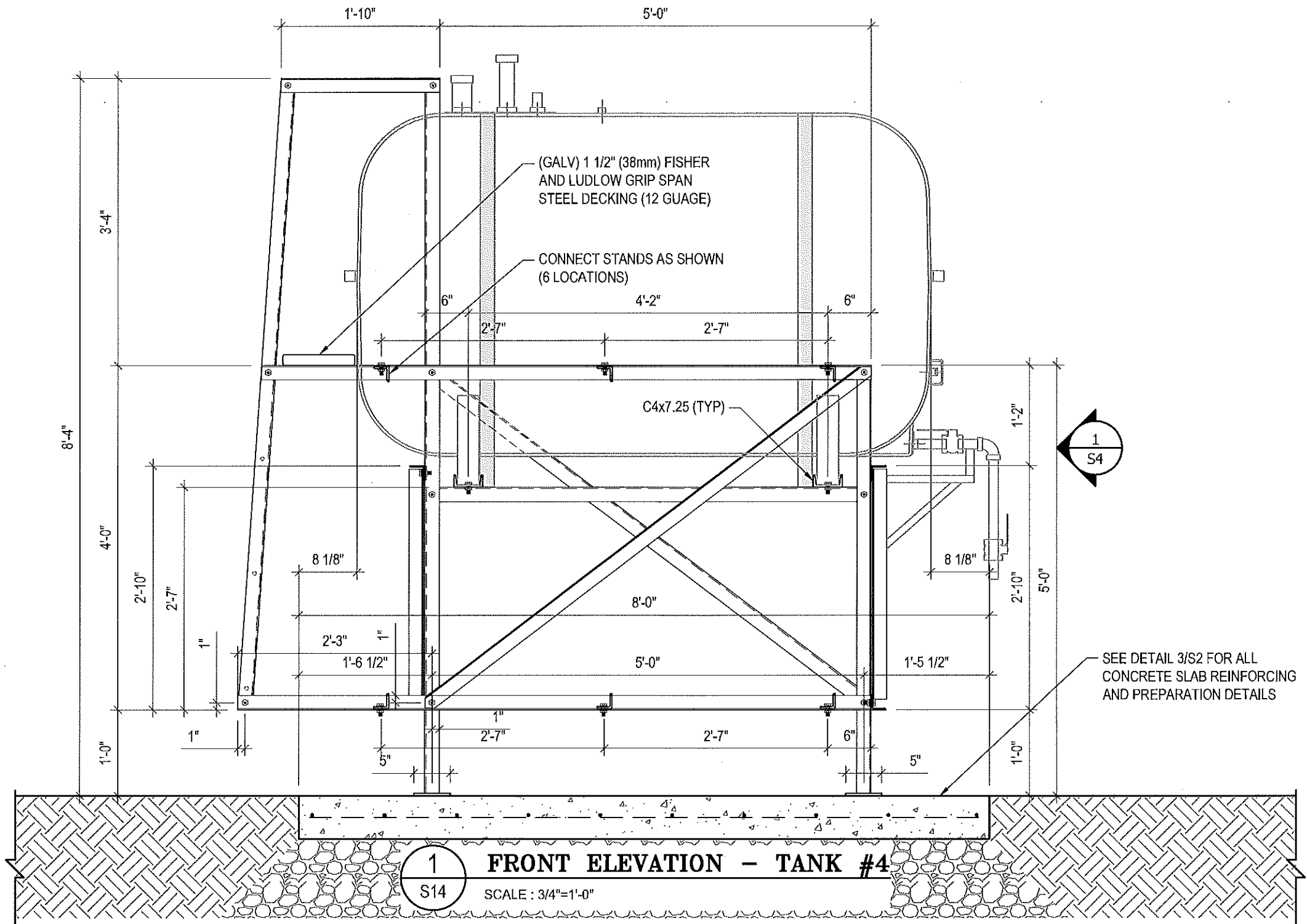
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:

**S13**

REVISION NUMBER:  
00

- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



**1**  
S14  
**FRONT ELEVATION - TANK #4**  
SCALE : 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #4 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

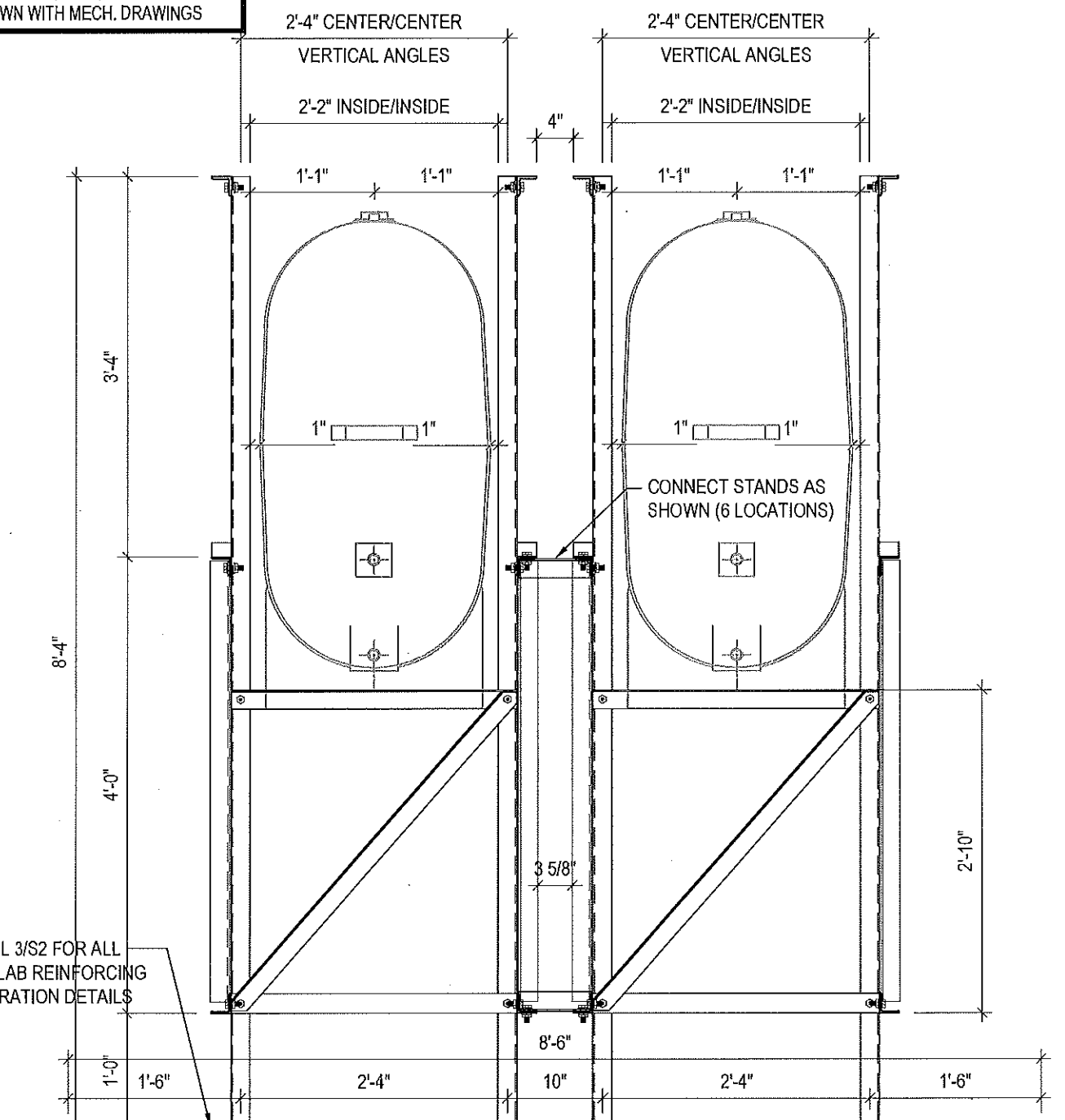
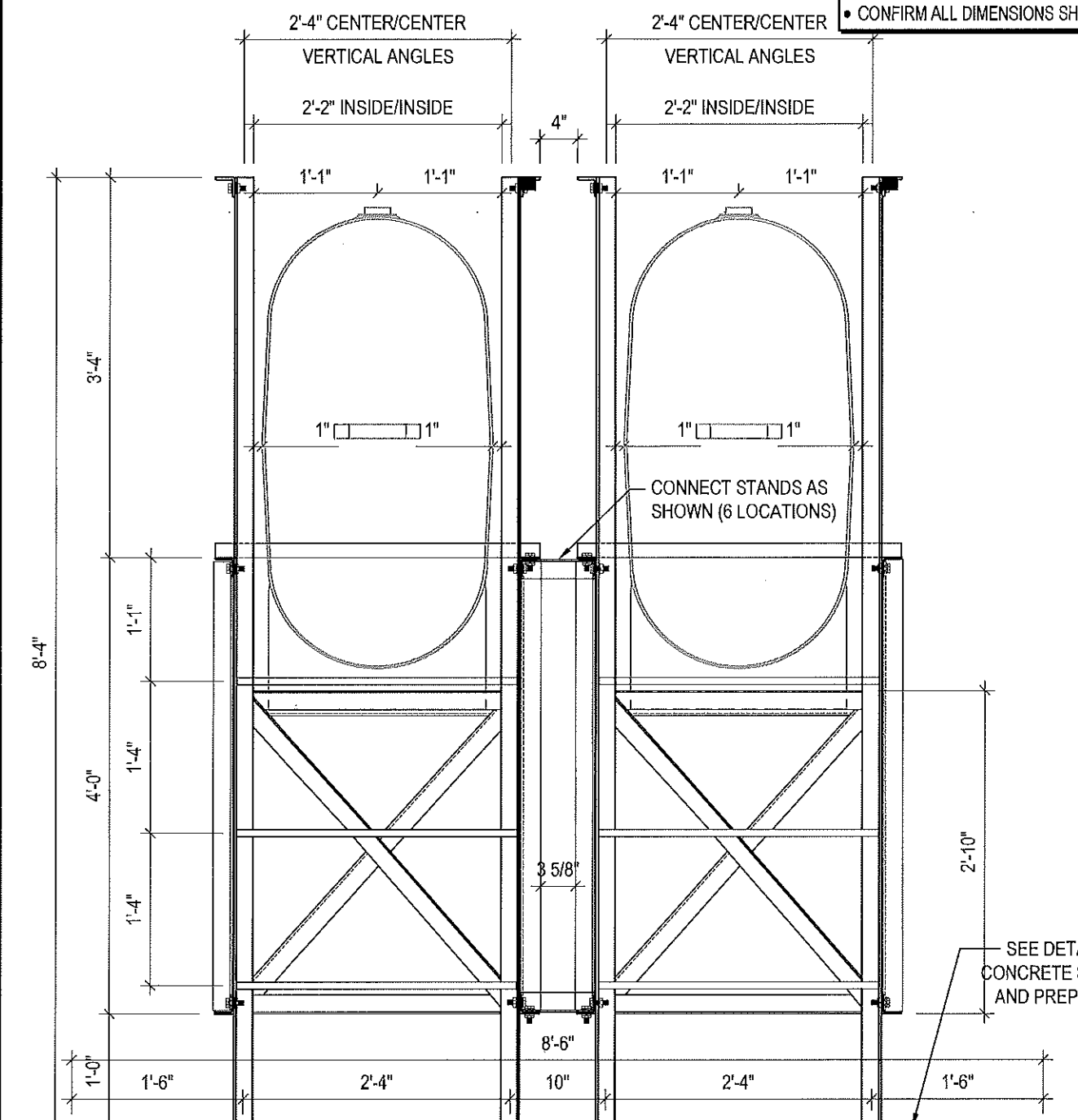
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S14**

REVISION NUMBER:  
00

**NOTES:**

- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
- ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
- ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
- CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



**1 LEFT ELEVATION - TANK #4**  
S15 SCALE: 3/4"=1'-0"

**2 RIGHT ELEVATION - TANK #4**  
S15 SCALE: 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #4 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

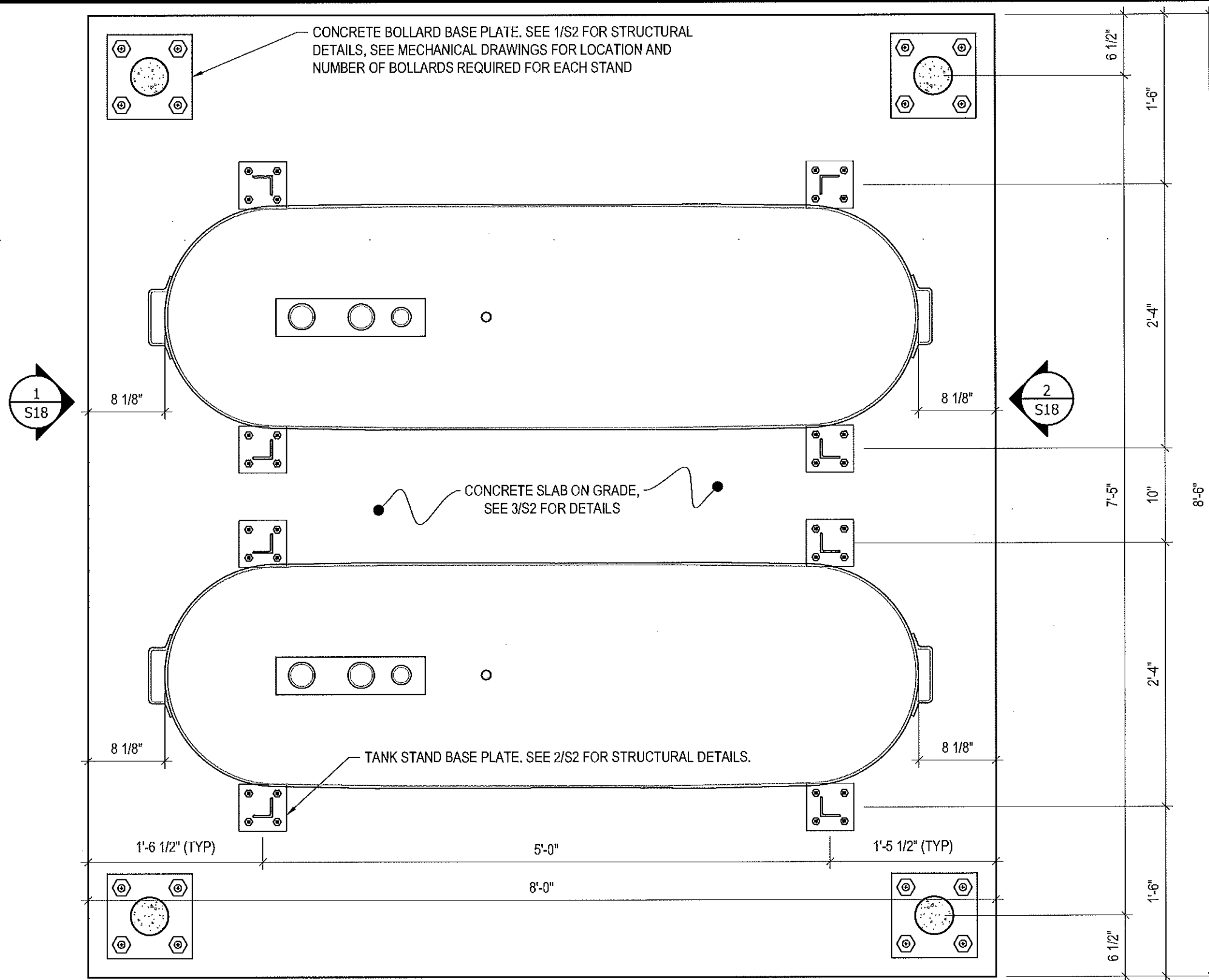
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S15**

REVISION NUMBER:  
00



1 PLAN VIEW - TANK #5  
 S16 SCALE : 1"=1'-0"



PROJECT TITLE:  
 RCMP "V" DIVISION OIL TANK REPLACEMENT  
 SHEET TITLE:  
 TANK #5 - PLAN VIEW  
 PROJECT NUMBER:  
 17-122-CG-39

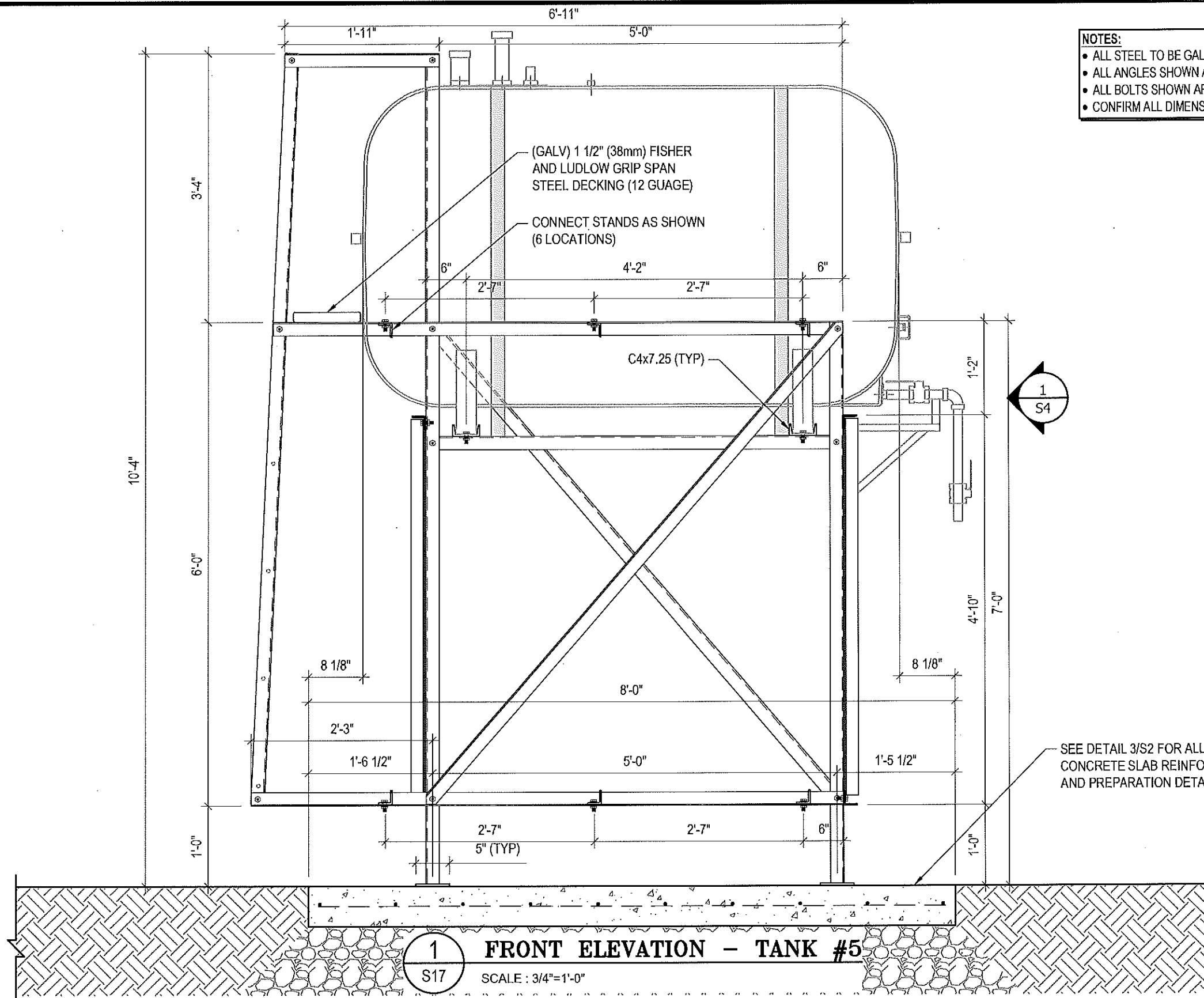
**Beach Rocke**  
 ENGINEERING LTD.  
 Professional Engineering Services  
 1650 St. Mary's Road, Winnipeg, Manitoba R2M 3S9  
 Telephone: (204) 255 7251 Fax: (204) 257 7239  
 Website: www.beachrocke.ca

REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
 AS NOTED  
 DATE (YY MM DD):  
 17 06 12

DRAWING NUMBER:  
**S16**  
 REVISION NUMBER:  
 00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"x2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT

SHEET TITLE:  
TANK #5 - ELEVATIONS

PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

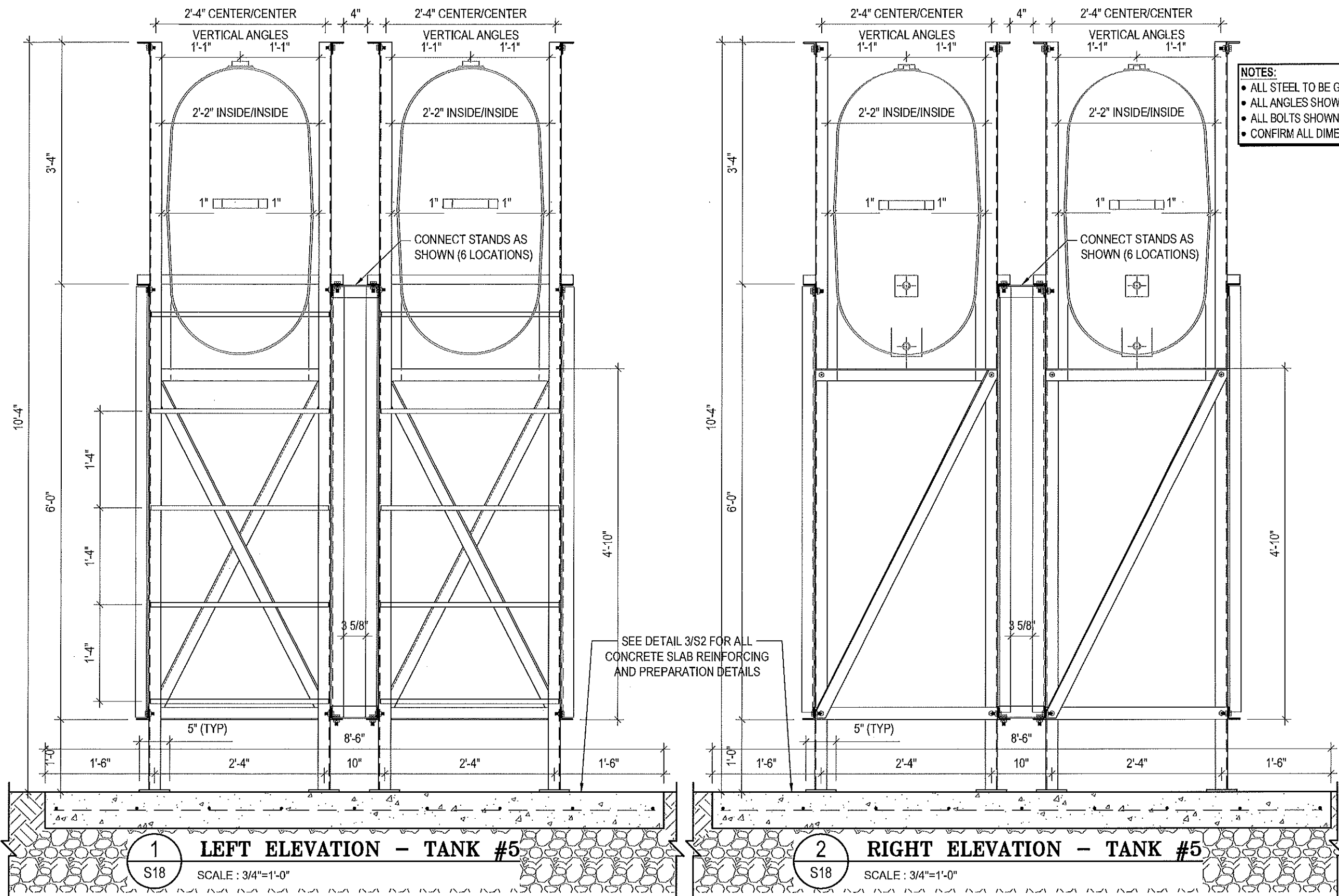
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S17**

REVISION NUMBER:  
00



- NOTES:**
- ALL STEEL TO BE GALVANIZED (GALV) OR STAINLESS STEEL (SS)
  - ALL ANGLES SHOWN ARE L2"x2"x3/16" (U/N/O)
  - ALL BOLTS SHOWN ARE 1/2"Øx2" LONG (U/N/O)
  - CONFIRM ALL DIMENSIONS SHOWN WITH MECH. DRAWINGS

**1 LEFT ELEVATION - TANK #5**  
S18 SCALE: 3/4"=1'-0"

**2 RIGHT ELEVATION - TANK #5**  
S18 SCALE: 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT  
SHEET TITLE:  
TANK #5 - ELEVATIONS  
PROJECT NUMBER:  
17-122-CG-39



REV. #	REVISION	DATE (YY MM DD)	REV. BY
03	ISSUED FOR TENDER	17 06 12	RH
02	ISSUED FOR 99% REVIEW	17 05 30	RH
01	ISSUED FOR REVIEW	17 03 31	RH

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 12

DRAWING NUMBER:  
**S18**  
REVISION NUMBER:  
00

# FUEL TANK REPAIR AND REPLACEMENT PROJECT CAPE DORSET, NUNAVUT

## DRAWING LIST:

### V161 - RESIDENCE

M1.0 DEMOLITION AND CONSTRUCTION PLAN  
M2.0 TANK ELEVATIONS  
M2.1 PIPE SUPPORT DETAILS  
M3.0 SCHEMATIC

### V149 - RESIDENCE

M1.0 DEMOLITION AND CONSTRUCTION PLAN  
M2.0 TANK ELEVATIONS  
M2.1 FUEL LINE SUPPORT DETAIL  
M4.0 SCHEMATIC

### V151 - GYM STORAGE

M1.0 DEMOLITION AND CONSTRUCTION PLAN  
M2.0 TANK ELEVATIONS  
M2.1 PIPE SUPPORT DETAILS  
M3.0 SCHEMATIC

### V153 - GARAGE/WORKSHOP

M1.0 DEMOLITION AND CONSTRUCTION PLAN  
M2.0 TANK ELEVATIONS  
M2.1 PIPE SUPPORT DETAILS  
M3.0 SCHEMATIC

### V156 - GARAGE

M1.0 DEMOLITION AND CONSTRUCTION PLAN  
M2.0 TANK ELEVATIONS  
M2.1 PIPE SUPPORT DETAILS  
M3.0 SCHEMATIC

### V160 - RESIDENCE

M1.0 DEMOLITION PLAN  
M1.1 CONSTRUCTION PLAN  
M2.0 TANK ELEVATIONS  
M2.1 2" PIPE SUPPORT DETAILS  
M3.0 SCHEMATIC

### V148 - FACILITY BUILDING

M1.0 DEMOLITION PLAN  
M2.0 CONSTRUCTION PLAN  
M2.1 ELEVATIONS  
M2.2 ELEVATIONS  
M3.0 SCHEMATIC  
M3.1 SCHEMATIC

### STRUCTURAL DRAWING LIST

S1 STRUCTURAL PROJECT NOTES  
S2 TYP TANK SLAB, BOLLARD AND BASE PLATE DETAILS AND ISOMETRIC VIEW OF METAL STAND  
S3 CONNECTION #1 DETAILS  
S4 CONNECTION #2 DETAILS  
S5 TANK #1 - PLAN VIEW OF TANK ON SLAB  
S6 TANK #1 - PLAN VIEW OF TANK ON SLAB  
S7 TANK #2 - PLAN VIEW OF TANK ON LOW METAL STAND  
S8 TANK #2 - ELEVATIONS OF LOW METAL STAND  
S9 TANK #2 - ELEVATIONS OF LOW METAL STAND  
S10 TANK #3 - PLAN VIEW OF TANK ON HIGH METAL STAND  
S11 TANK #3 - ELEVATIONS OF HIGH METAL STAND  
S12 TANK #3 - ELEVATIONS OF HIGH METAL STAND  
S13 TANK #4 - PLAN VIEW OF TANK ON LOW DOUBLE METAL STAND  
S14 TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND  
S15 TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND  
S16 TANK #5 - PLAN VIEW OF TANK ON HIGH DOUBLE METAL STAND  
S17 TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND  
S18 TANK #5 - ELEVATIONS OF HIGH DOUBLE METAL STAND



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT, CAPE DORSET  
SHEET TITLE:  
TITLE PAGE  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # | REVISION | DATE (YY MM DD) | REV. BY

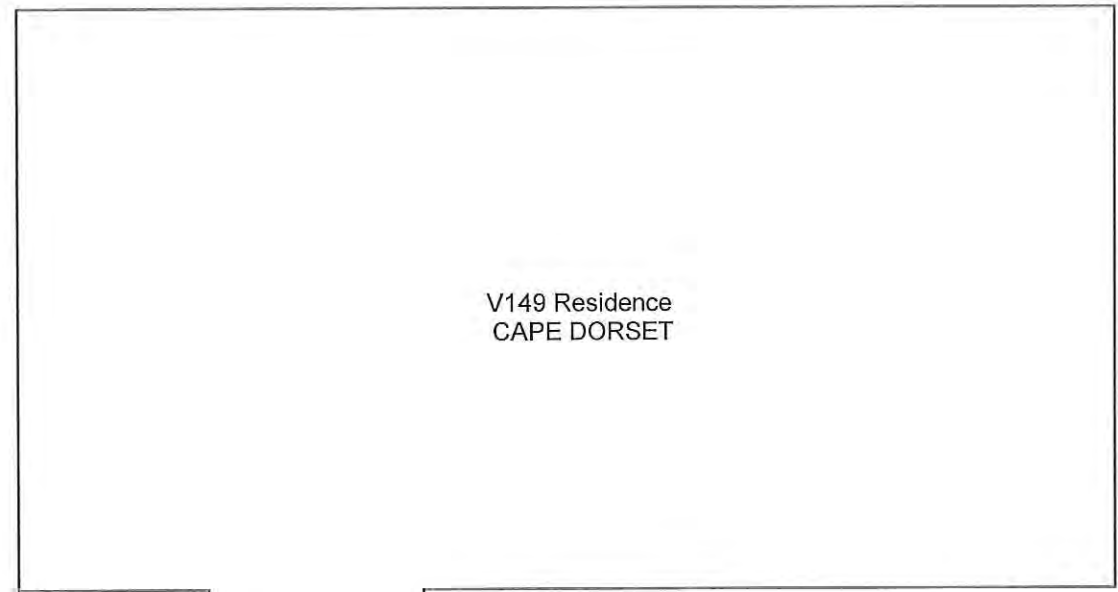
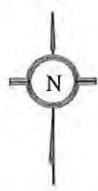
REV. # | REVISION | DATE (YY MM DD) | REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:

M0.0

REVISION NUMBER:  
00



V149 Residence  
CAPE DORSET

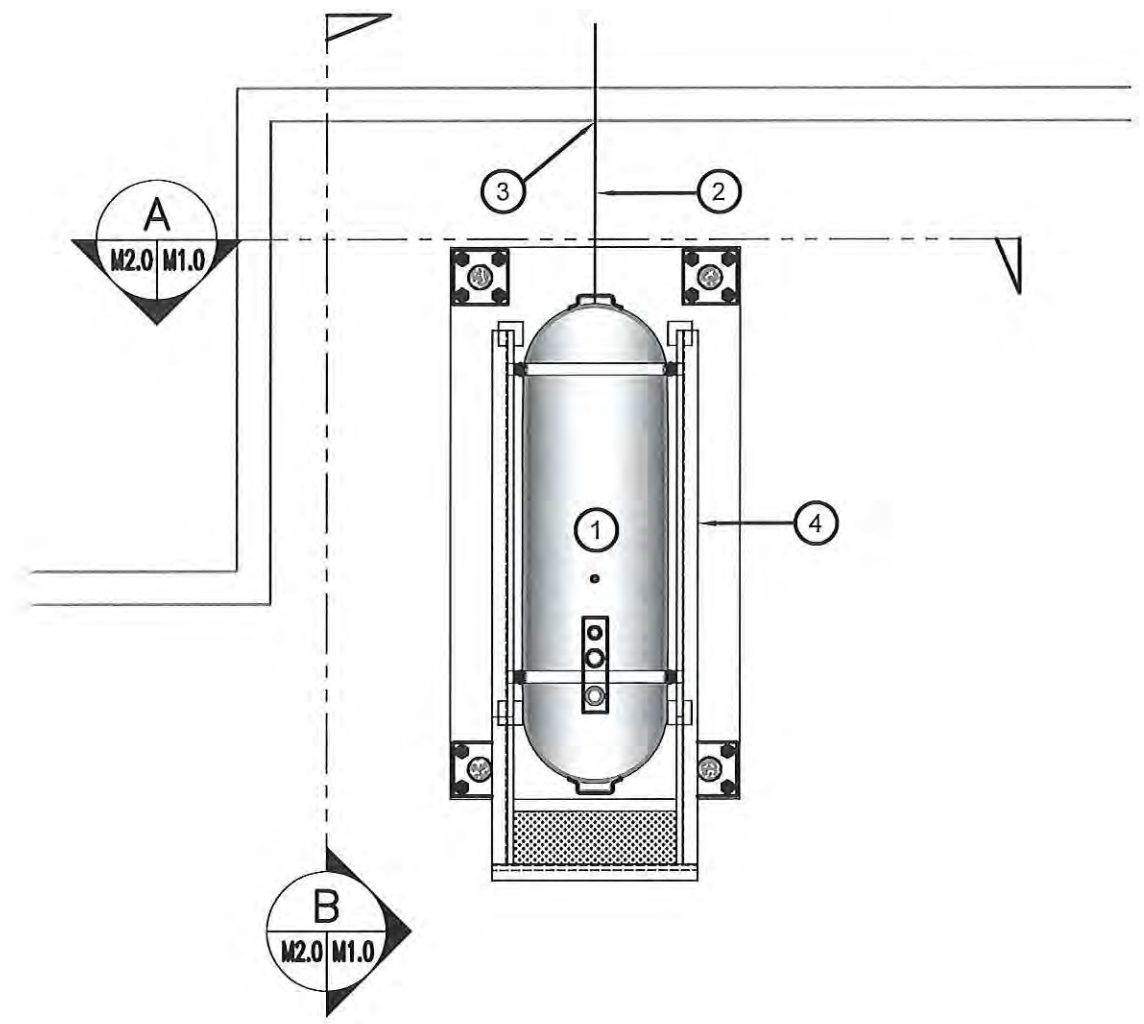
TANK

FRONT

01 DEMOLITION PLAN  
M1.0 SCALE: NTS

DEMOLITION NOTES:

1. REMOVE ALL FUEL FROM THE TANK AND DISPOSE OF AS PER LOCAL REGULATIONS.
2. REMOVE EXISTING OIL TANK STAND AND PAD DISPOSE OF AS PER LOCAL REGULATIONS.



02 CONSTRUCTION PLAN  
M1.0 SCALE: NTS

CONSTRUCTION NOTES: #

1. INSTALL NEW OIL TANK AND CONCRETE PAD. SEE SHEET M2.0
2. INSTALL NEW PIPE AND SUPPORT AS PER M2.0.
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND #3.

INTERIOR REPAIR NOTES:

1. INSTALL DE-AERATOR/FILTER, SHUT OFF VALVES, AND FUSIBLE LINKS TO THE EXISTING FURNACE AND HOT WATER TANK.
2. INSTALL NEW 2"Ø PIPE TO EXISTING MECHANICAL ROOM THROUGH CRAWL SPACE. 30'-0 APPROXIMATE DISTANCE FROM EXTERIOR WALL.



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V161 - RESIDENCE , CAPE DORSET

SHEET TITLE:  
DEMOLITION AND CONSTRUCTION PLAN

PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

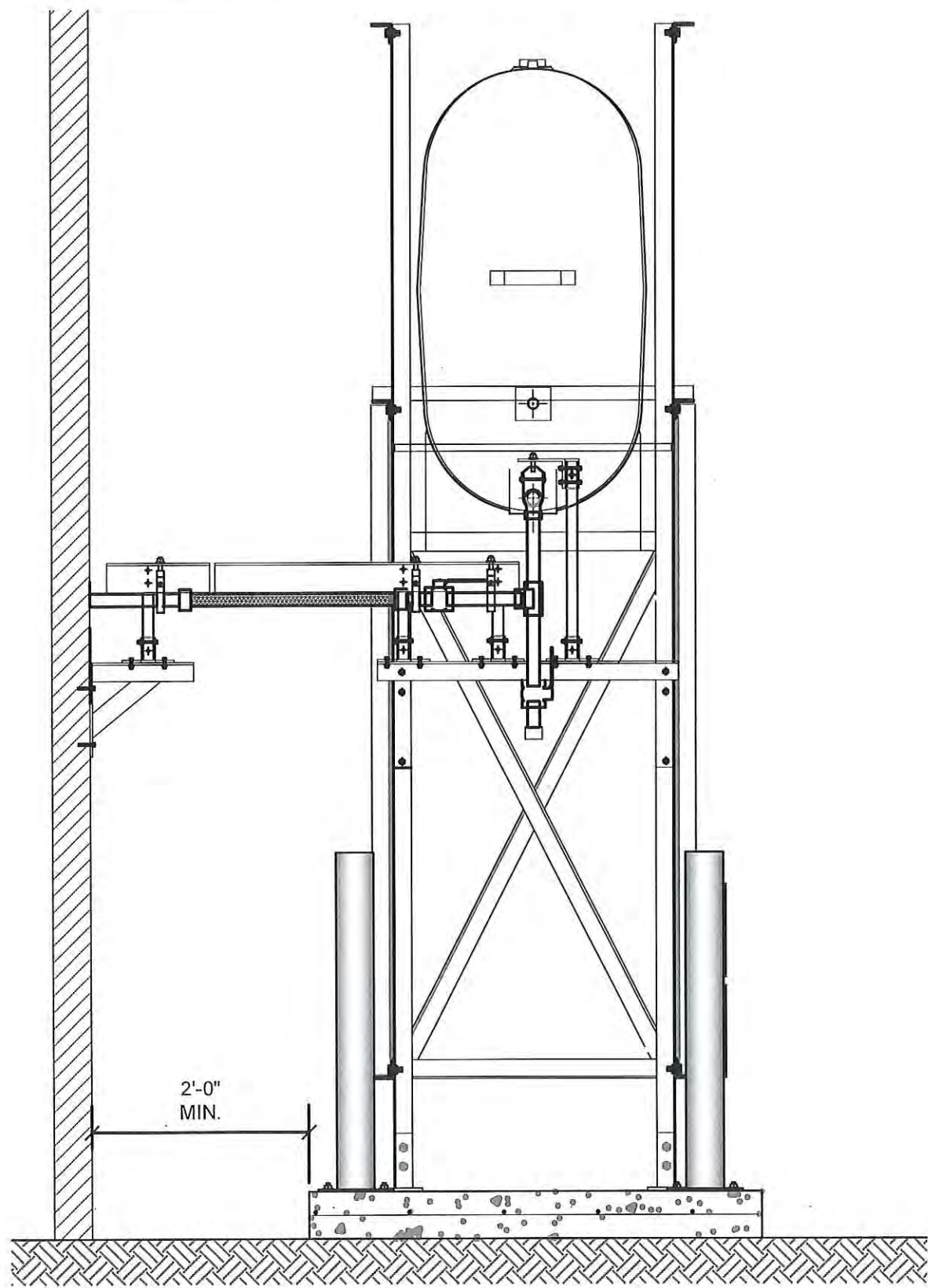
SCALE:  
AS NOTED

DATE (YY MM DD):  
17 06 09

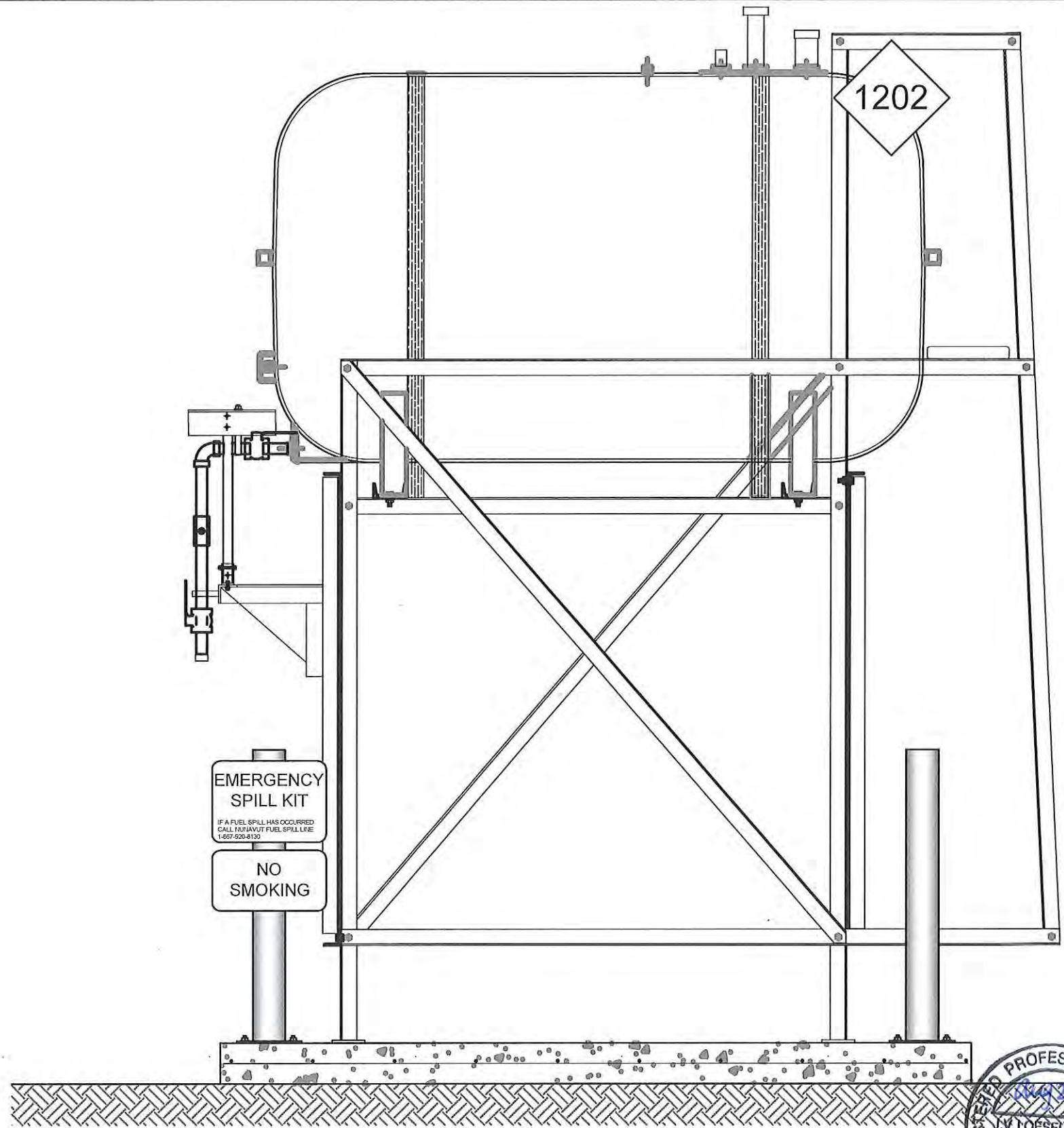
DRAWING NUMBER:  
**M1.0**

REVISION NUMBER:  
00





01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



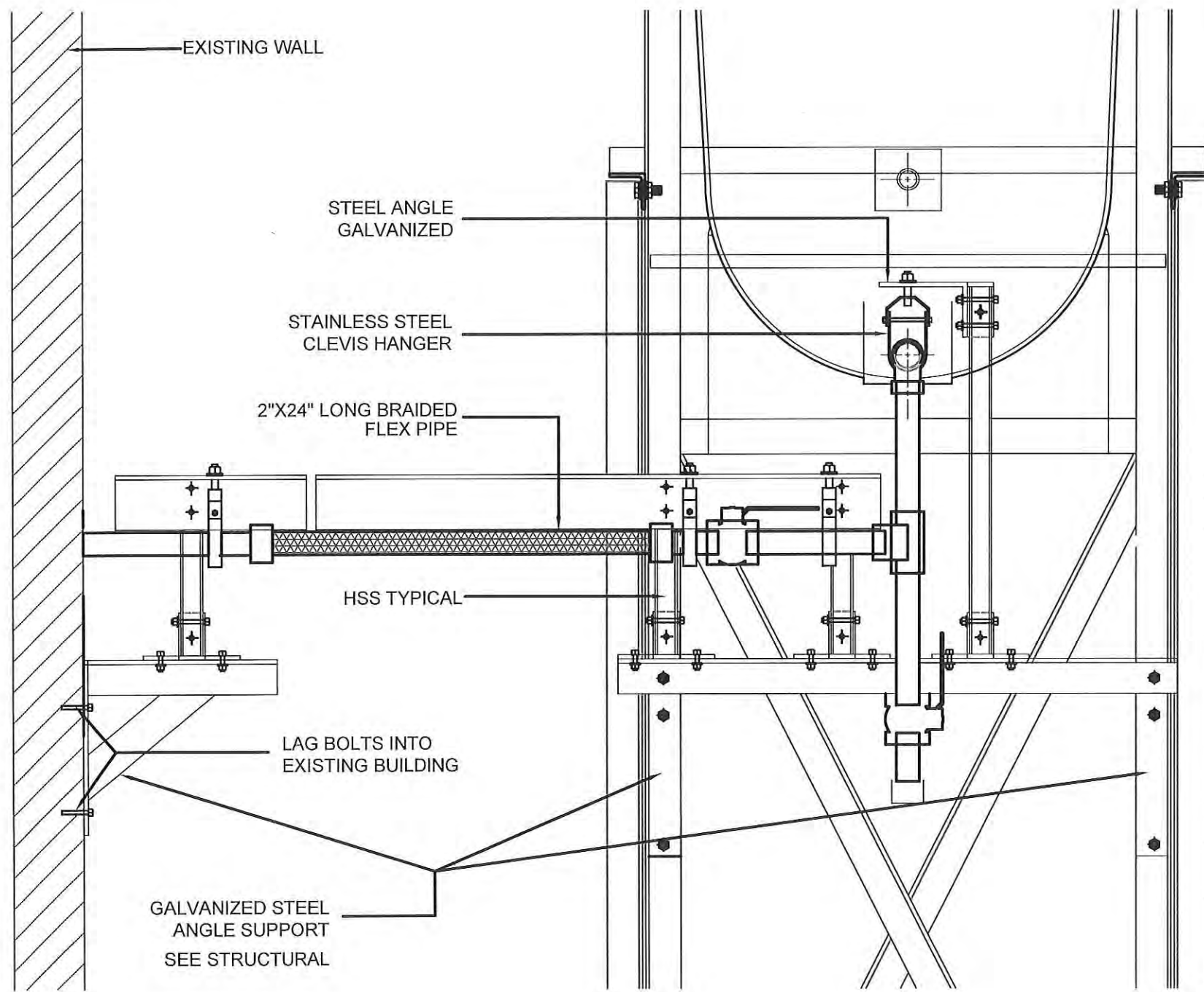
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V161 - RESIDENCE, CAPE DORSET  
SHEET TITLE:  
TANK ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

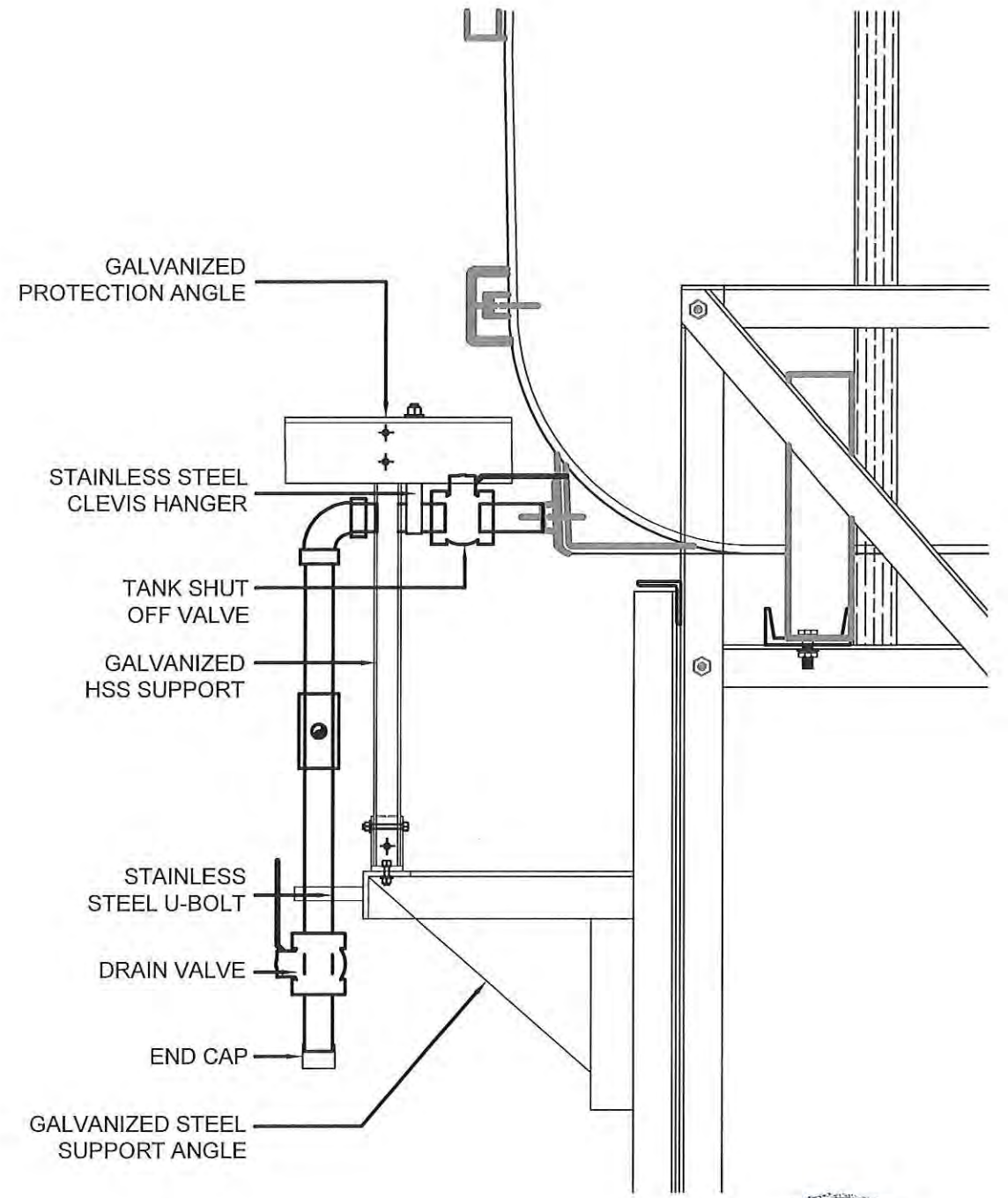
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.0**  
REVISION NUMBER:  
00



01 FRONT VIEW  
M2.1 SCALE: 1 1/2\"-1'-0"



02 SIDE VIEW  
M2.1 SCALE: 1 1/2\"-1'-0"



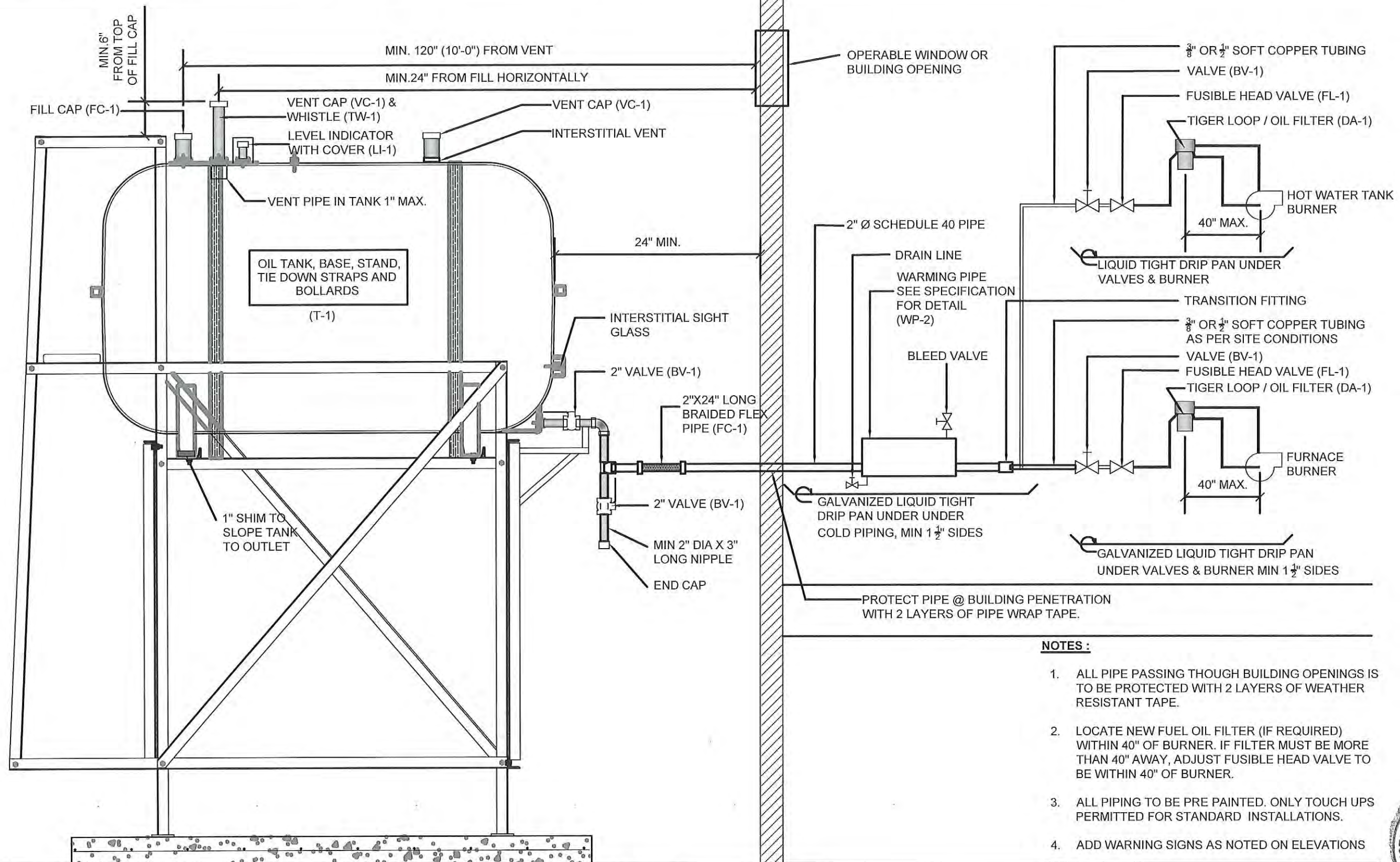
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V161 - RESIDENCE, CAPE DORSET  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
00



**NOTES:**

1. ALL PIPE PASSING THOUGH BUILDING OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
4. ADD WARNING SIGNS AS NOTED ON ELEVATIONS



01 SCHEMATIC - TANL, PIPING & ACCESSORIES : ON TANK  
M3.0 SCALE: NTS



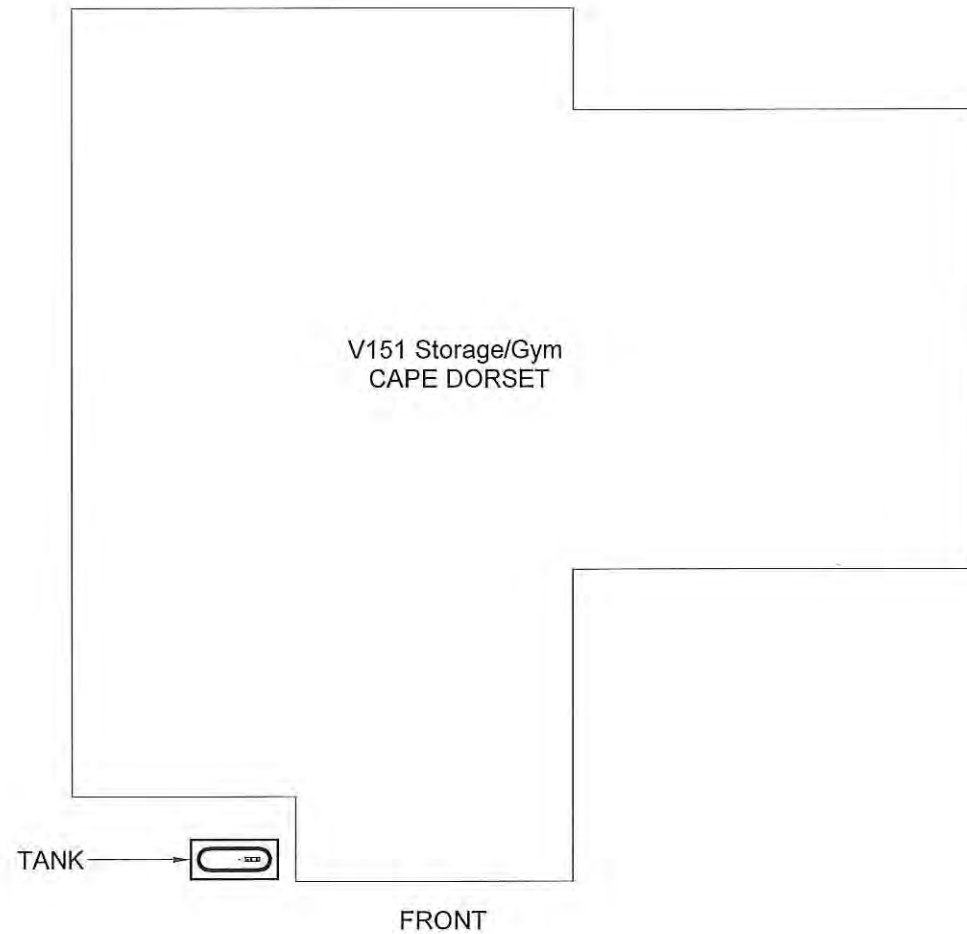
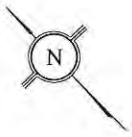
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V161 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV.# REVISION DATE (YY MM DD) REV. BY

REV.# REVISION DATE (YY MM DD) REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

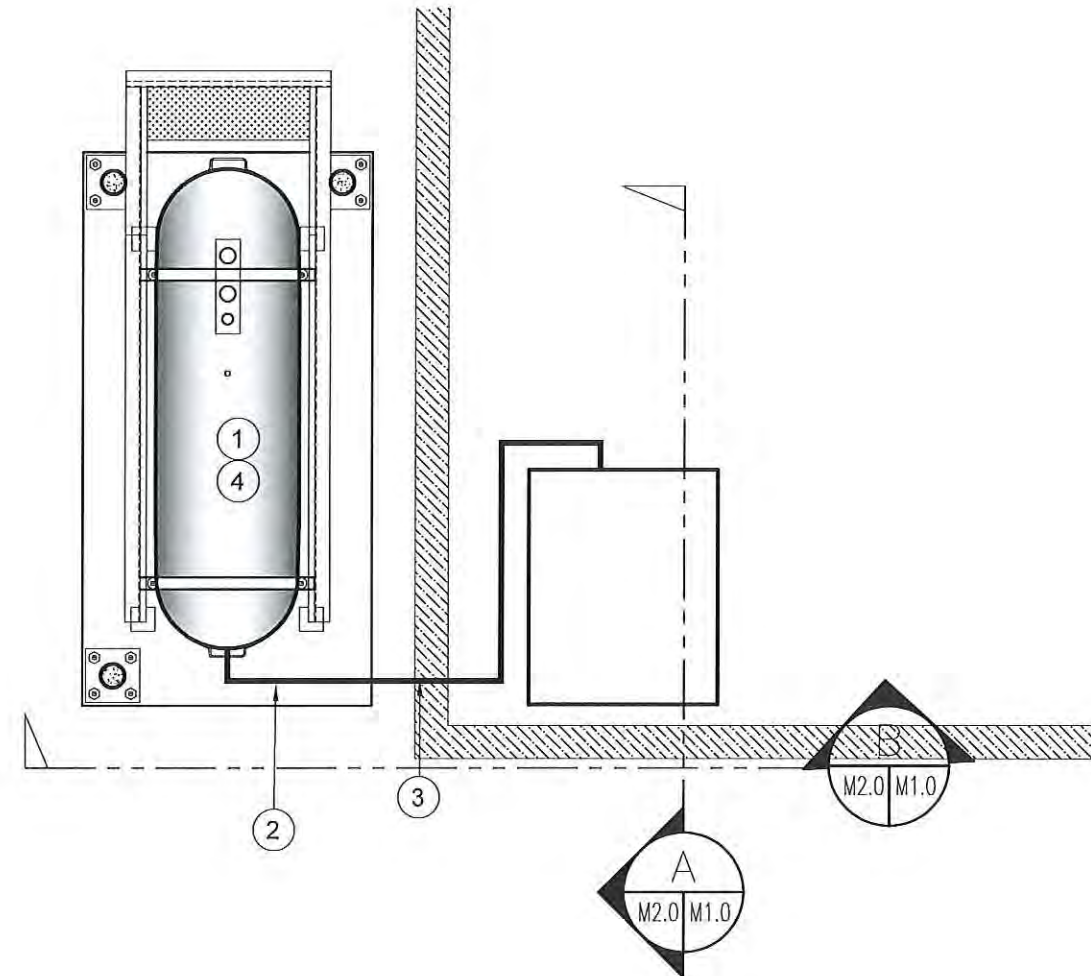
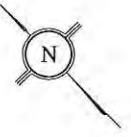
DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



01 DEMOLITION PLAN  
M1.0 SCALE: NTS

DEMOLITION NOTES:

1. REMOVE ALL FUEL FROM THE TANK AND DISPOSE OF AS PER LOCAL REGULATIONS.
2. REMOVE EXISTING ROTH 1000L OIL TANK AND PAD DISPOSE OF AS PER LOCAL REGULATIONS.



02 CONSTRUCTION PLAN  
M1.0 SCALE: NTS

CONSTRUCTION NOTES: #

1. INSTALL NEW OIL TANK AND CONCRETE PAD. SEE SHEET M2.0
2. INSTALL NEW PIPING SUPPORT AS PER SHEET M2.1
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND TYPE #2 SEE STRUCTURAL FOR DETAILS.
5. INSTALL ALL NEW ACCESSORIES TO FURNACE

INTERIOR REPAIR NOTES:

1. INSTALL 20'-0" PIPE TO MECHANICAL ROOM.
2. INSTALL NEW DE-AERATOR/FILTER FUSIBLE LINK AND SHUT OFF VALVE.



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V151 - STORAGE/GYM, CAPE DORSET  
SHEET TITLE:  
DEMOLITION AND CONSTRUCTION PLAN  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

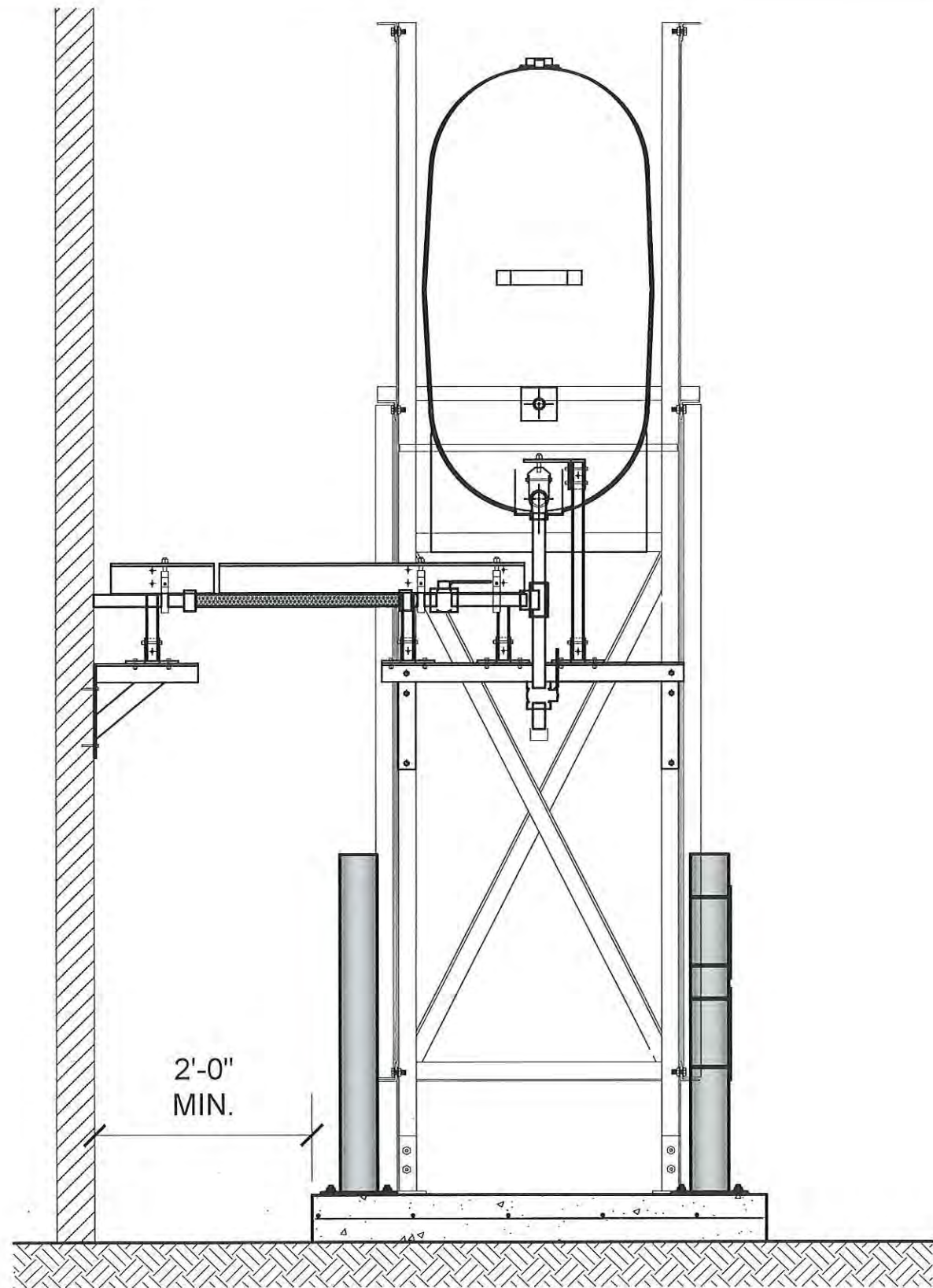
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

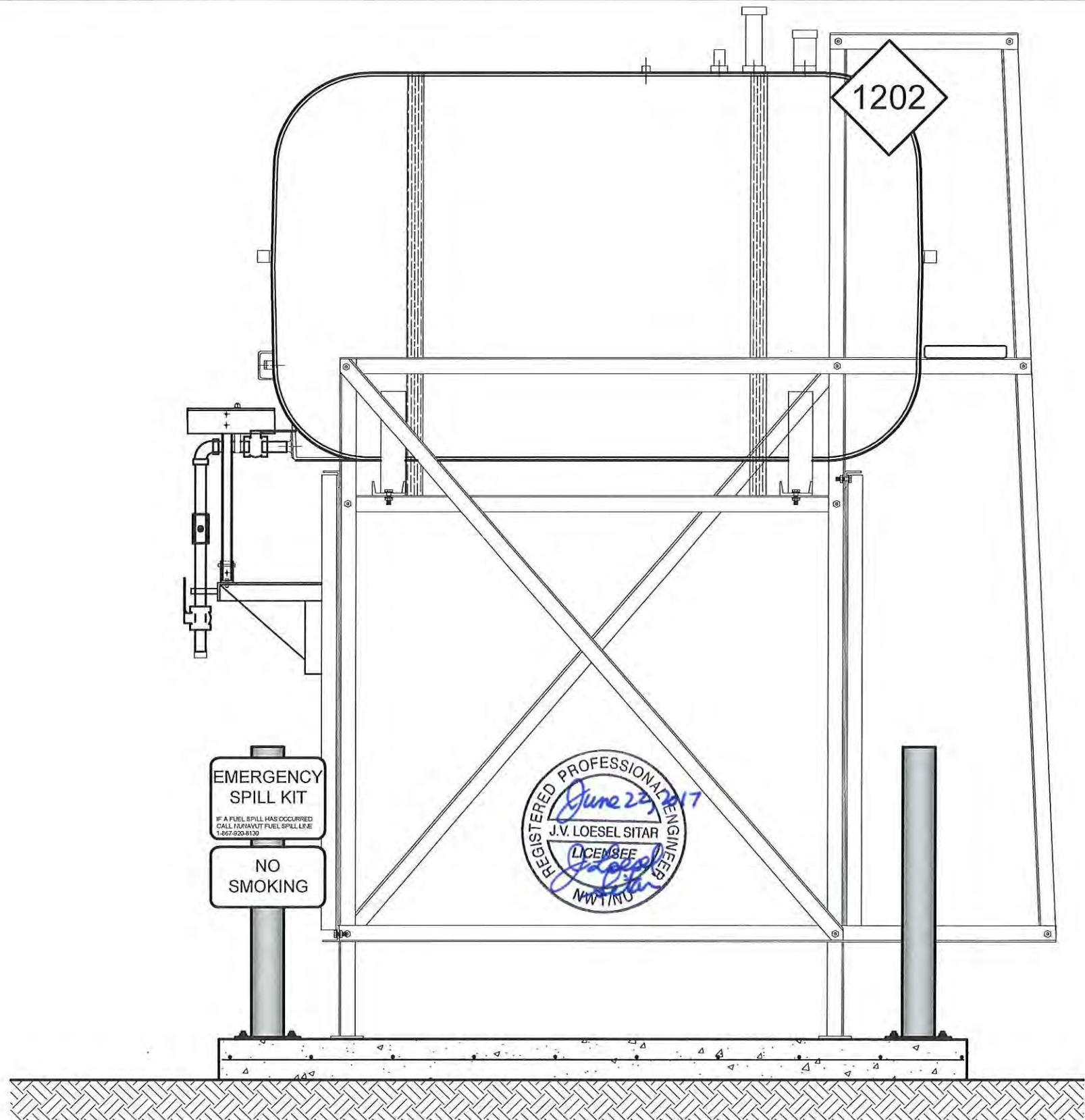
DRAWING NUMBER:

M1.0

REVISION NUMBER:  
00



01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



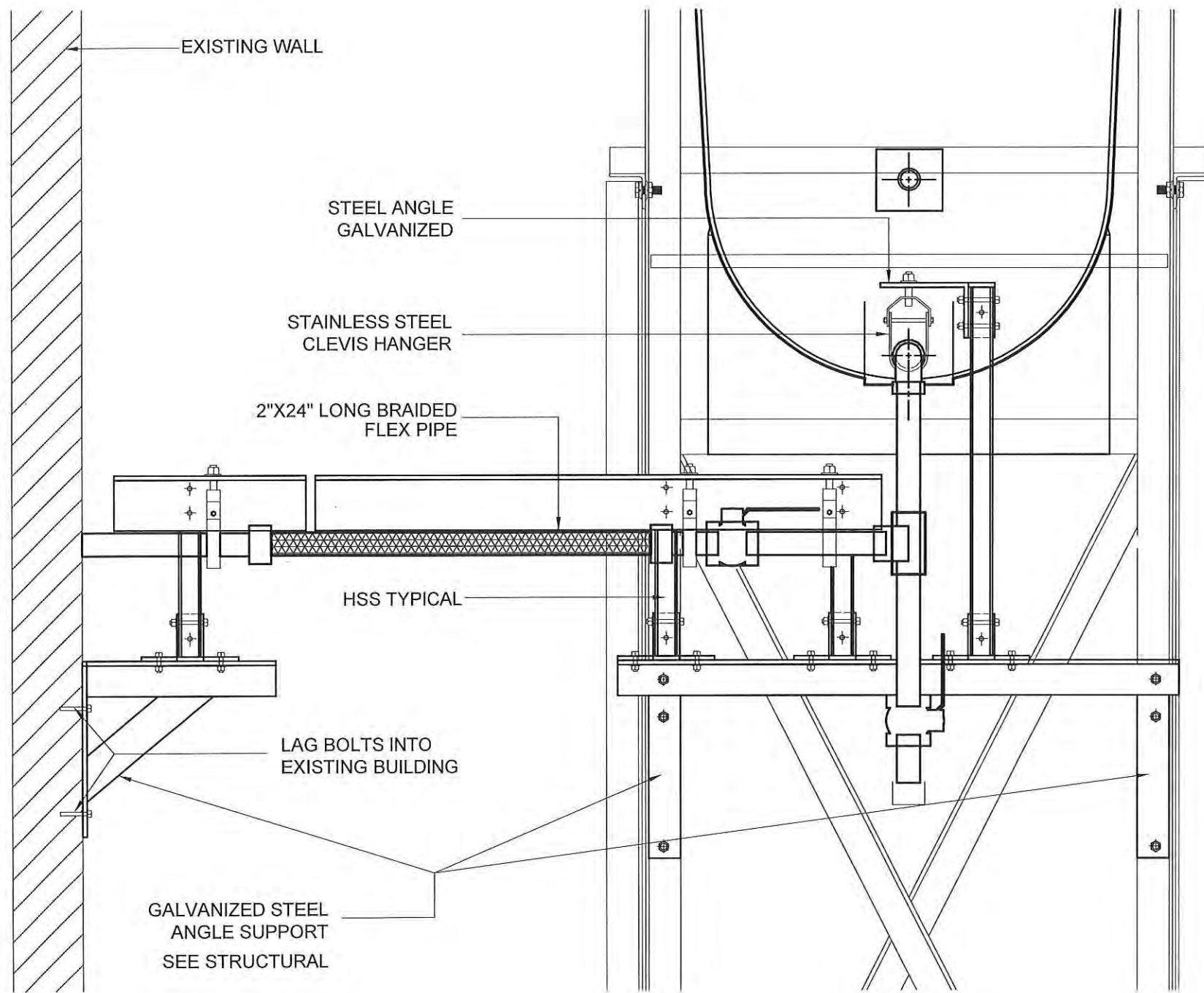
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V151 - STORAGE/GYM, CAPE DORSET  
SHEET TITLE:  
TANK ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

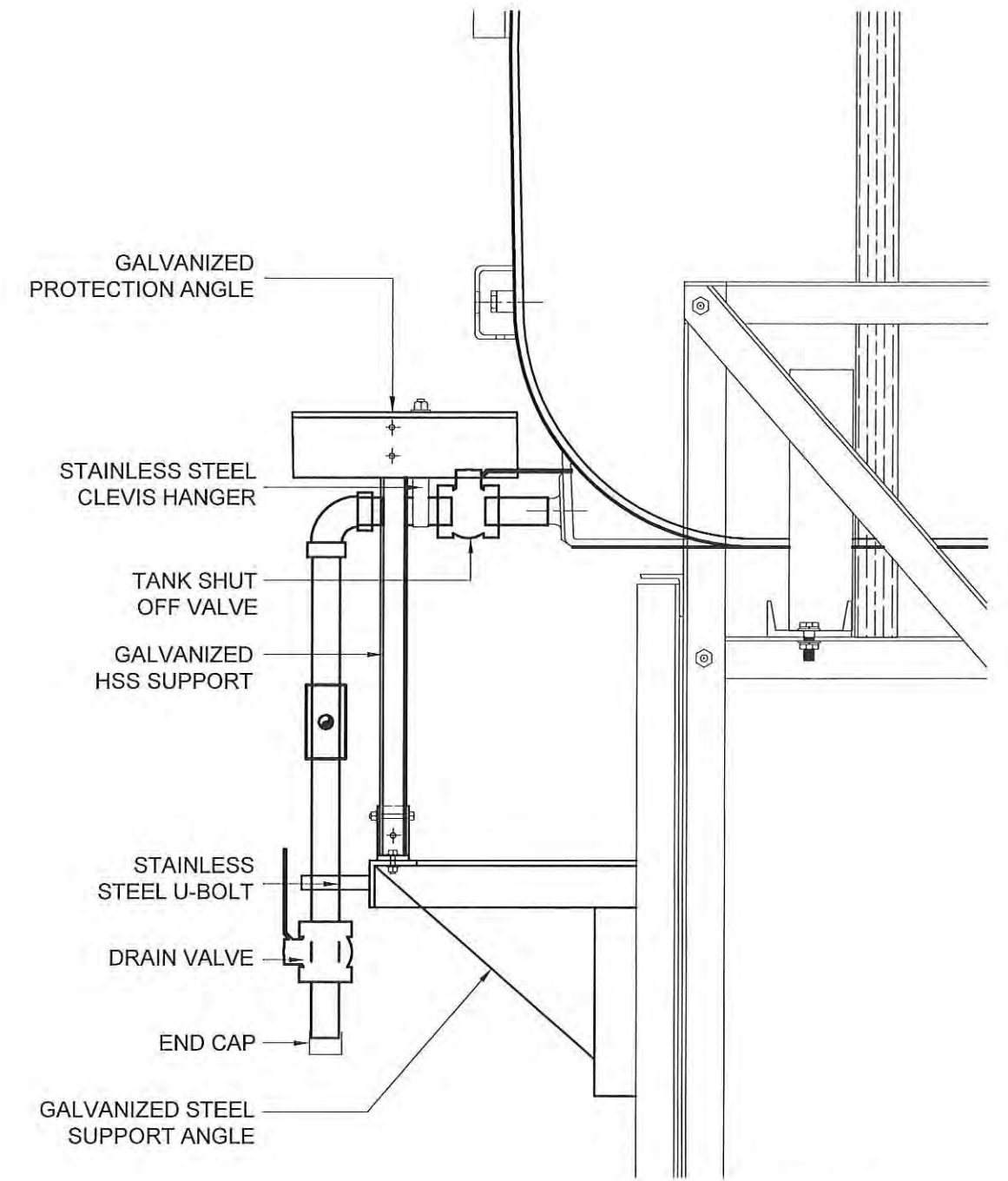
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.0**  
REVISION NUMBER:  
00



01 FRONT VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



02 SIDE VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



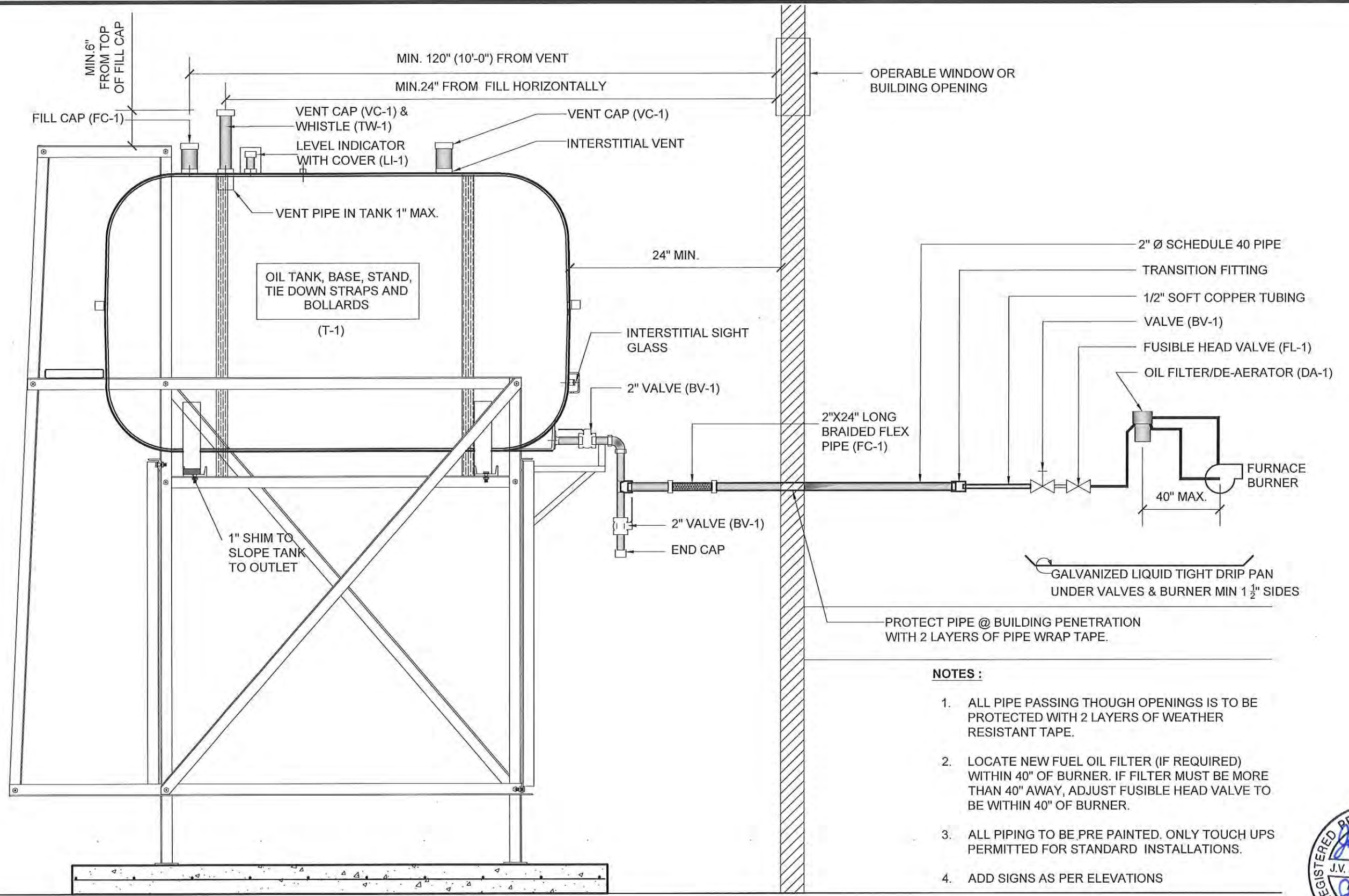
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V151 - STORAGE/GYM , CAPE DORSET  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # REVISION DATE (YY MM DD) REV. BY

REV. # REVISION DATE (YY MM DD) REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
00



**NOTES :**

1. ALL PIPE PASSING THOUGH OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
4. ADD SIGNS AS PER ELEVATIONS



01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON STAND  
M3.0 SCALE: NTS



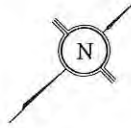
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V151 - STORAGE/GYM , CAPE DORSET  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

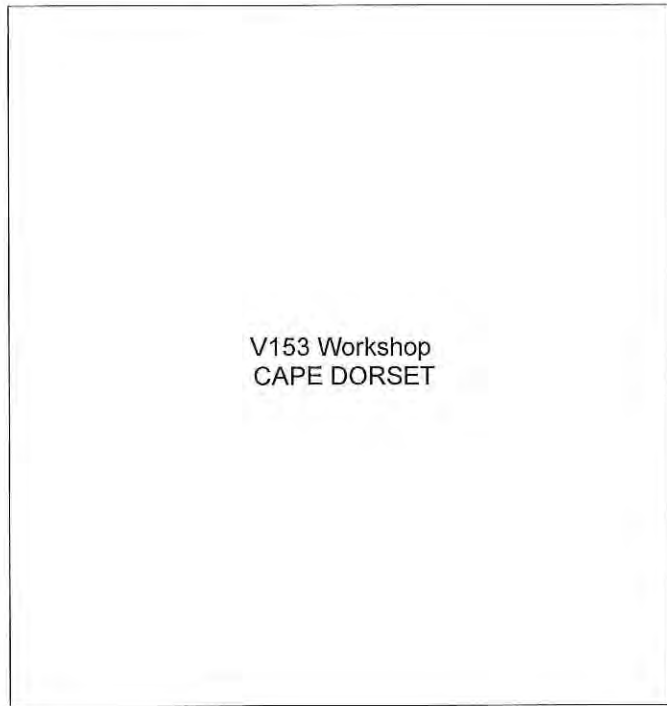
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



TANK



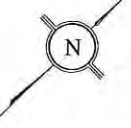
V153 Workshop  
CAPE DORSET

FRONT

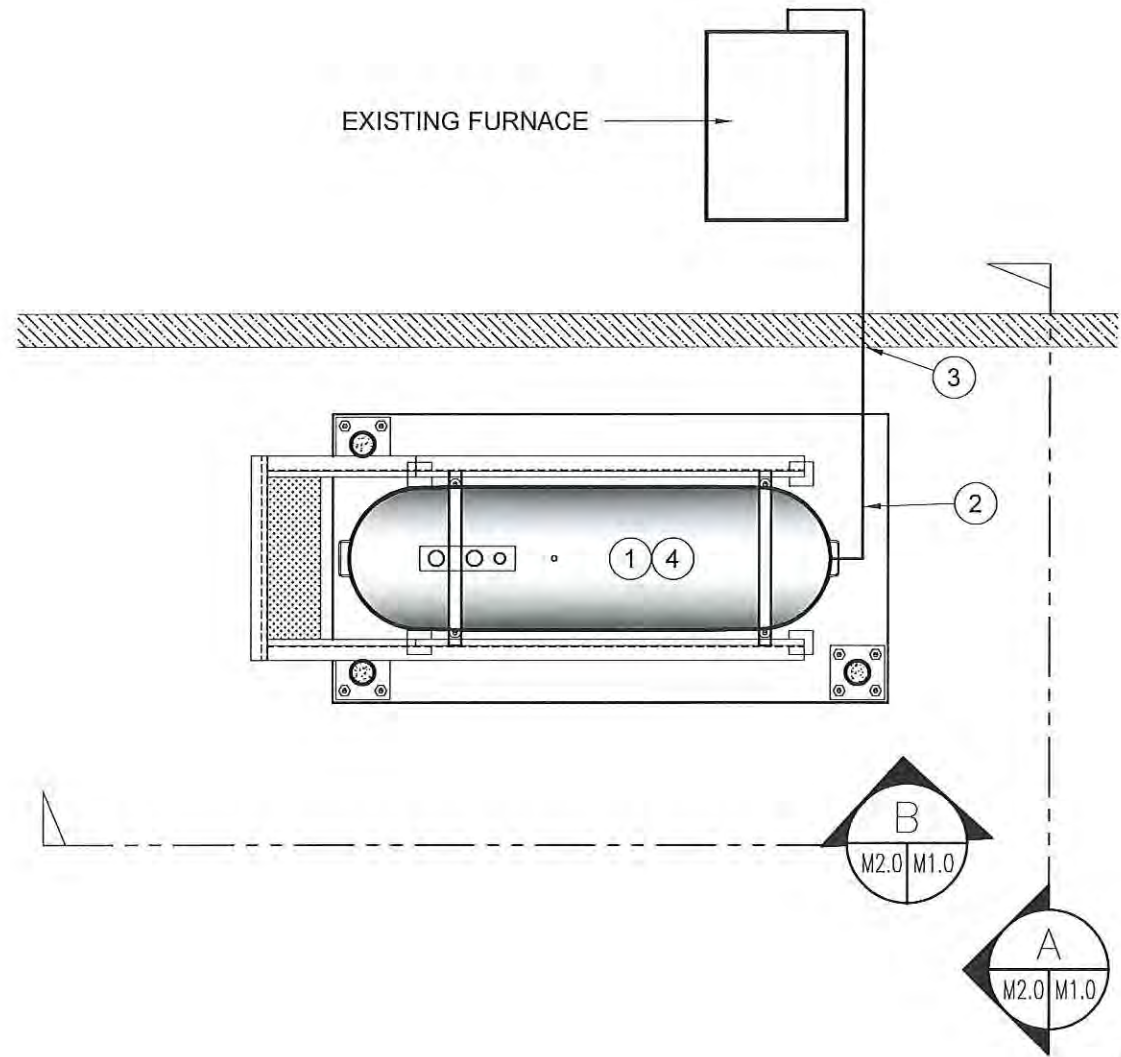
01 DEMOLITION PLAN  
M1.0 SCALE: NTS

DEMOLITION NOTES:

1. REMOVE ALL FUEL FROM THE TANK AND DISPOSE OF AS PER LOCAL REGULATIONS
2. REMOVE EXISTING ROTH 1000L OIL TANK AND PAD DISPOSE OF AS PER LOCAL REGULATIONS



EXISTING FURNACE



02 CONSTRUCTION PLAN  
M1.0 SCALE: NTS

CONSTRUCTION NOTES: #

1. INSTALL NEW OIL TANK AND CONCRETE PAD. SEE SHEET M2.0
2. INSTALL NEW PIPING SUPPORT AS PER SHEET M2.1
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND TYPE #2. SEE STRUCTURAL FOR DETAIL

INTERIOR REPAIR NOTES:

1. INSTALL NEW PIPING, FUSIBLE LINK, DE-AERATOR/FILTER, VALVES TO EXISTING FURNACE BURNER



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V153 - WORKSHOP, CAPE DORSET

SHEET TITLE:  
DEMOLITION AND CONSTRUCTION PLAN

PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED

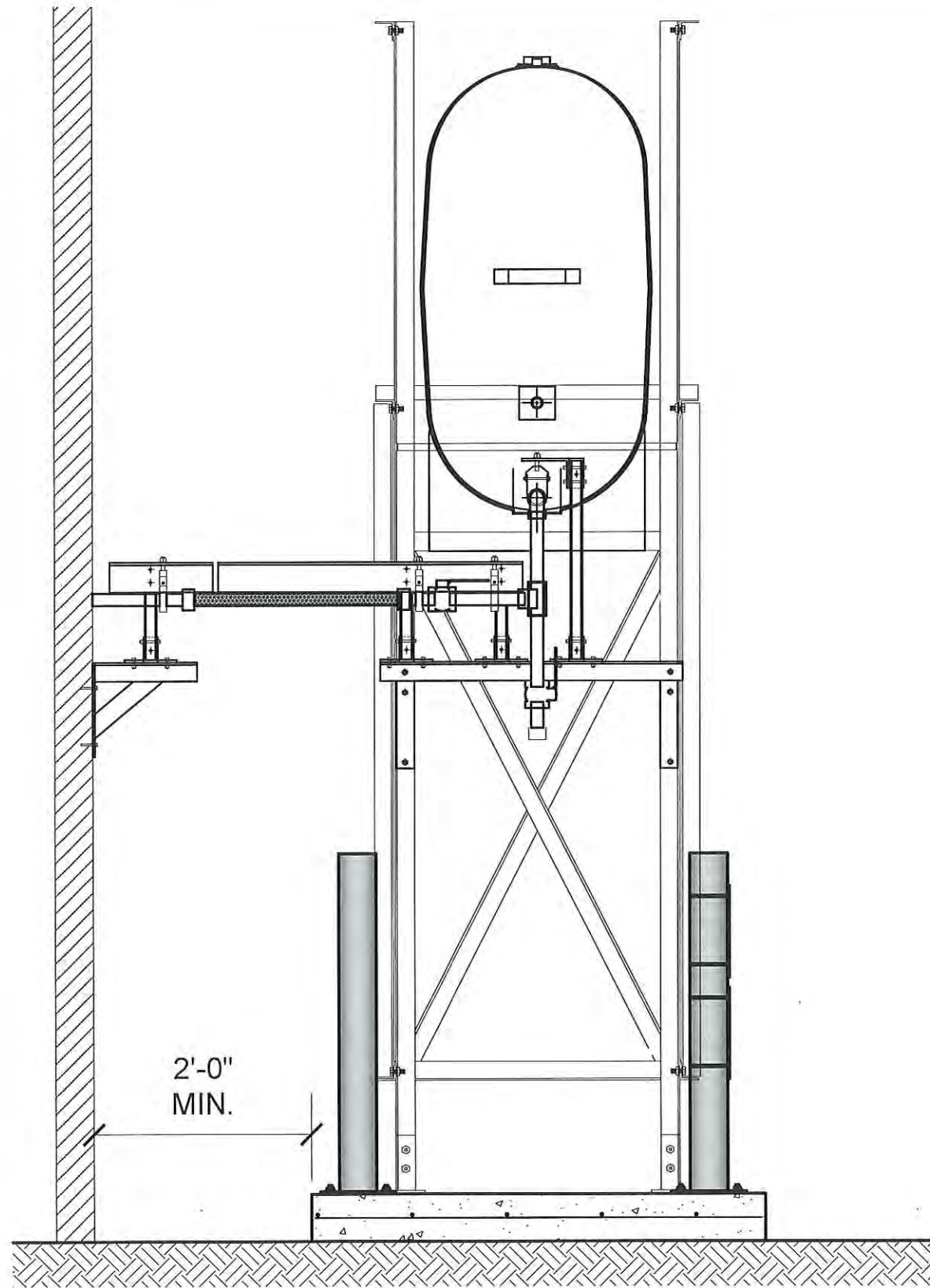
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:

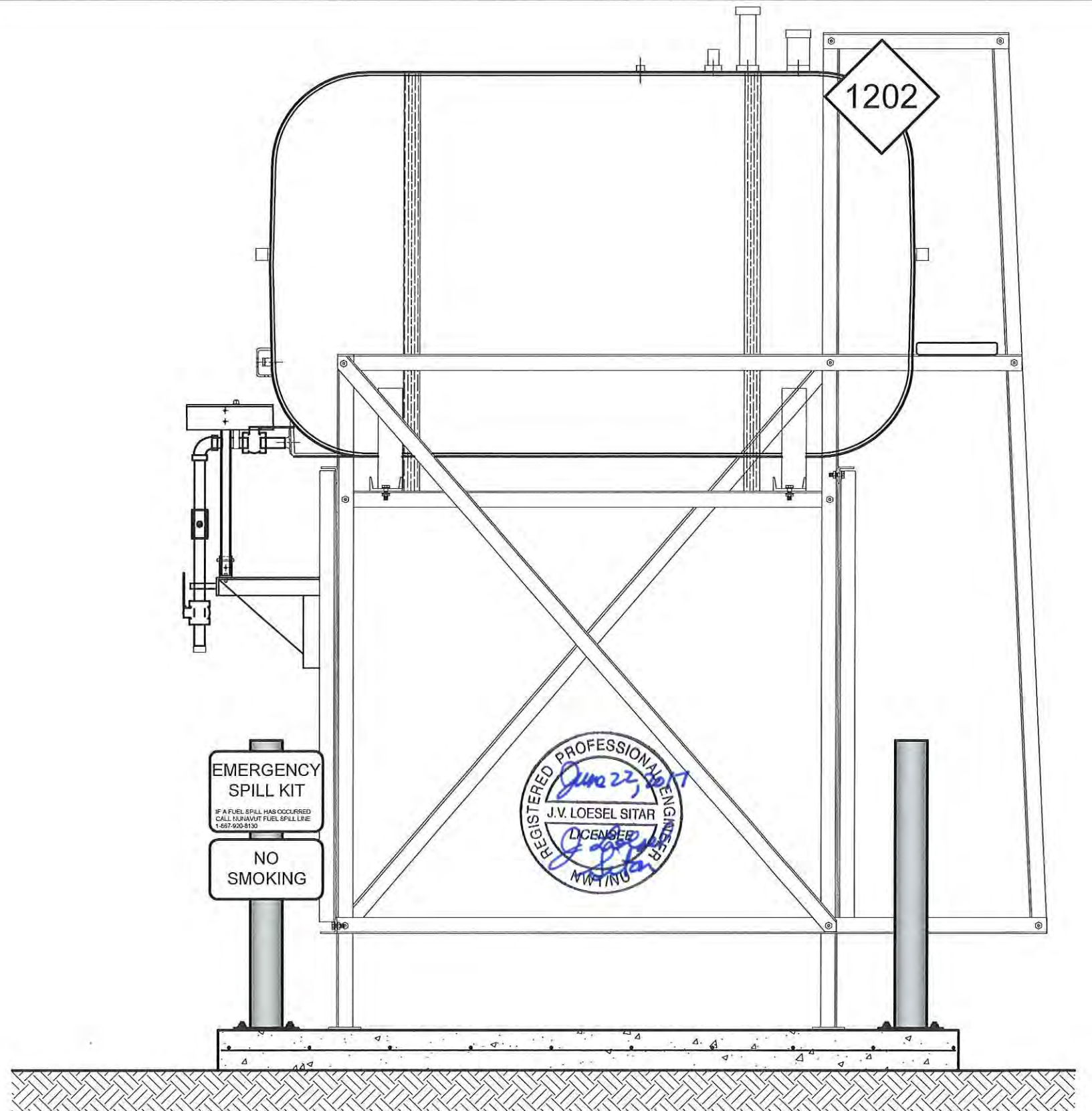
M1.0

REVISION NUMBER:  
00

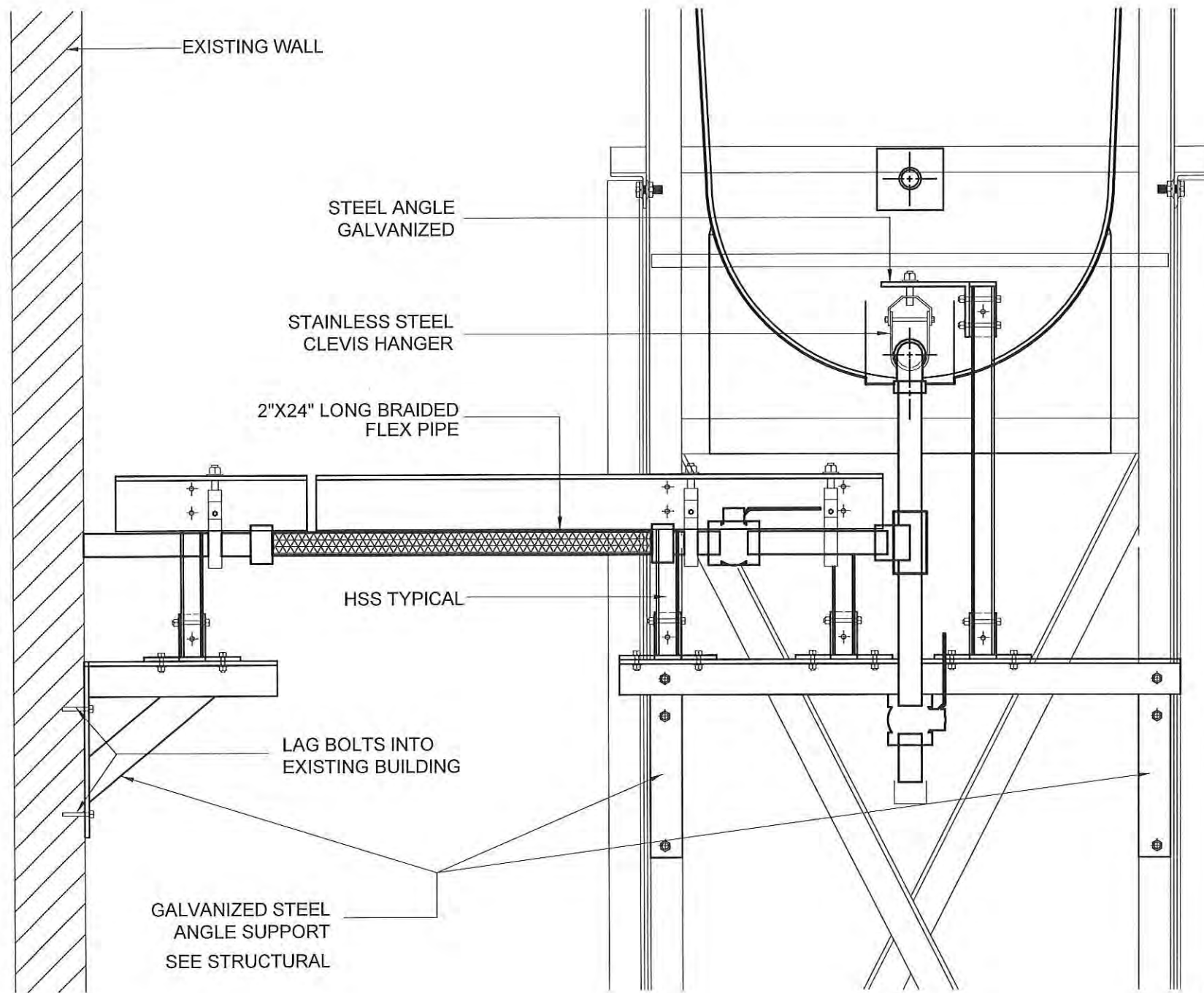




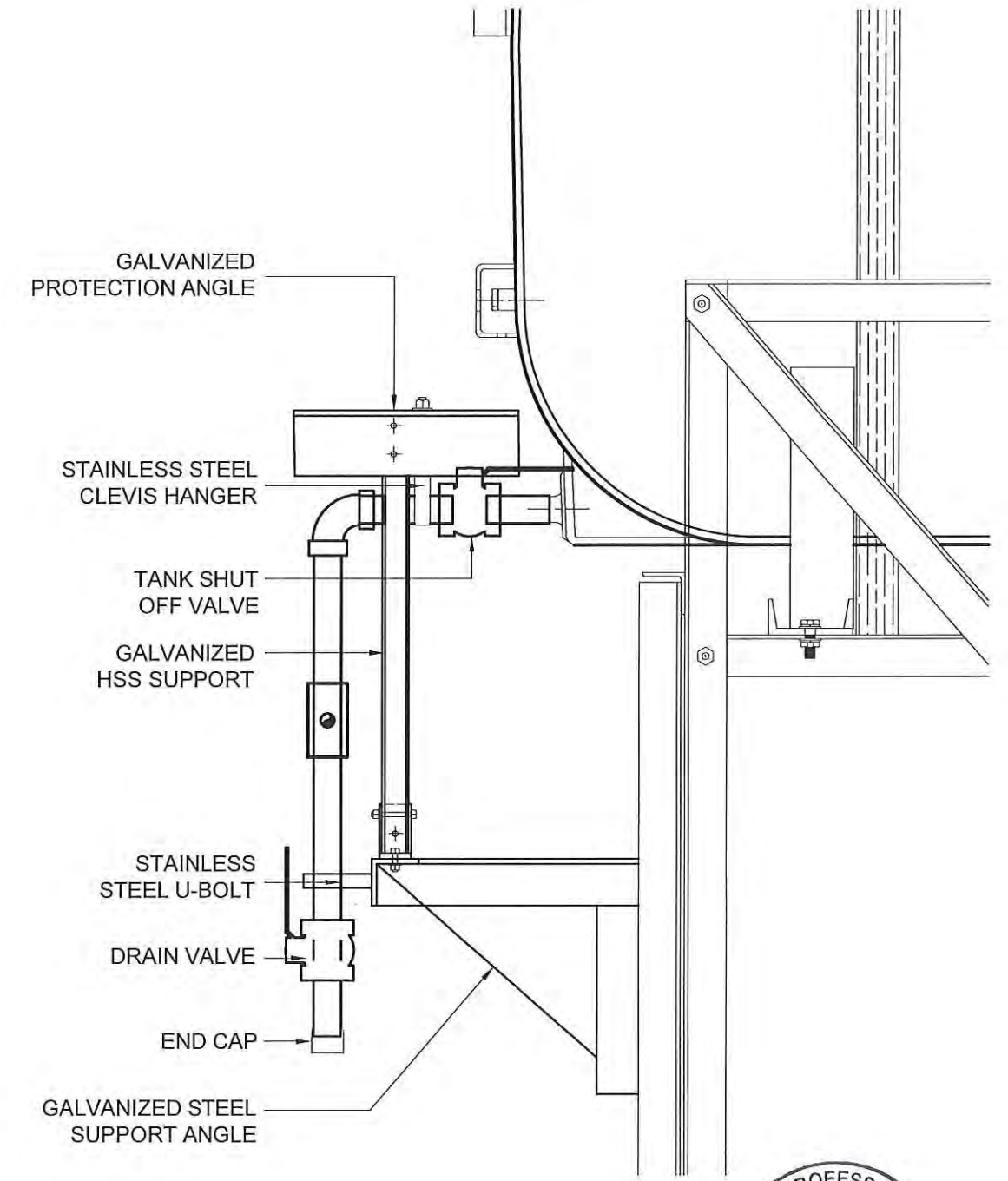
01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



01 FRONT VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



02 SIDE VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



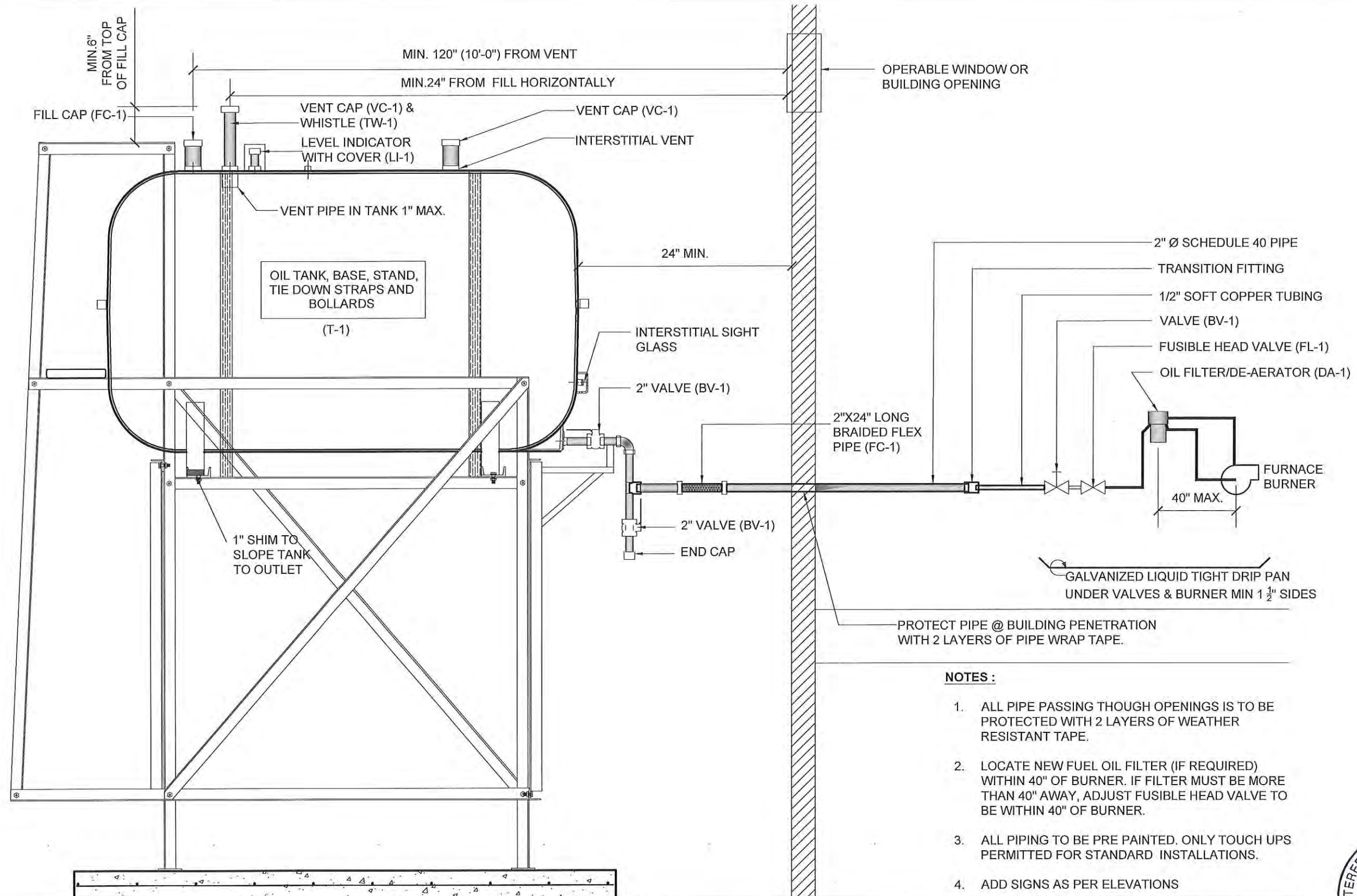
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V153 - WORKSHOP, CAPE DOUSET  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
00



**NOTES :**

1. ALL PIPE PASSING THOUGH OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
4. ADD SIGNS AS PER ELEVATIONS



01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON STAND  
M3.0 SCALE: NTS



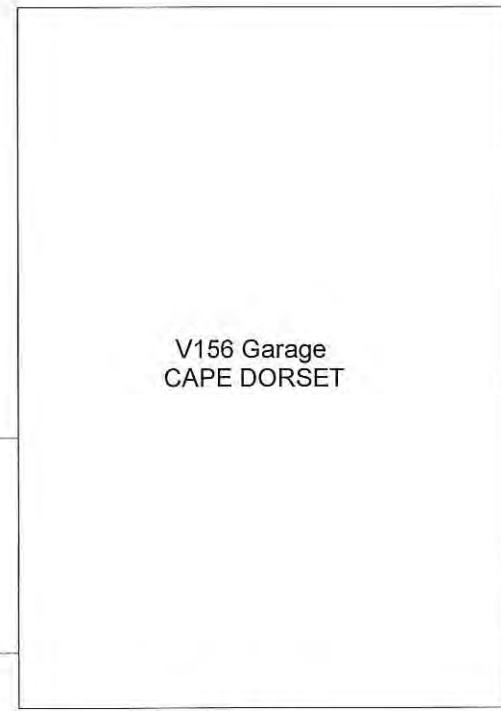
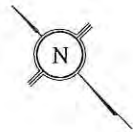
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V153 - WORKSHOP , CAPE DORSET  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



INDOOR TANK

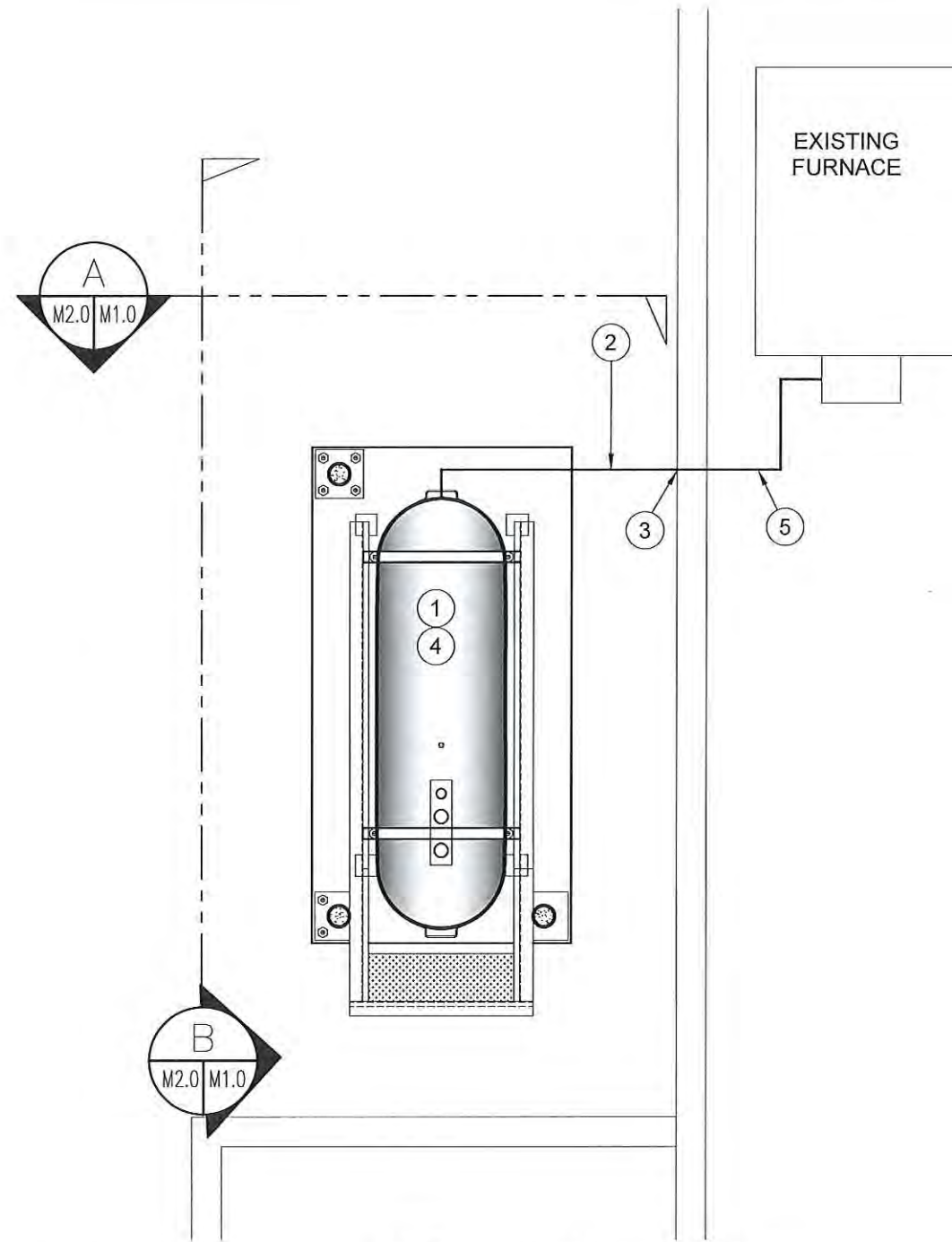
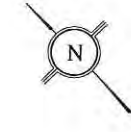
V156 Garage  
CAPE DORSET

FRONT

01 DEMOLITION PLAN  
M1.0 SCALE: NTS

DEMOLITION NOTES:

1. REMOVE ALL FUEL FROM THE TANK AND DISPOSE OF AS PER LOCAL REGULATIONS
2. REMOVE EXISTING ROTH 1000L OIL TANK AND PAD DISPOSE OF AS PER LOCAL REGULATIONS



02 CONSTRUCTION PLAN  
M1.0 SCALE: NTS

CONSTRUCTION NOTES: #

1. INSTALL NEW OIL TANK AND CONCRETE PAD. SEE SHEET M2.0
2. INSTALL NEW PIPING SUPPORT AS PER SHEET M2.1
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND TYPE #2 SEE STRUCTURAL FOR DETAILS.
5. INSTALL 2"Ø PIPE TO FURNACE APPROXIMATELY 10'-0".



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V156 - GARAGE , CAPE DORSET

SHEET TITLE:  
DEMOLITION AND CONSTRUCTION PLAN

PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

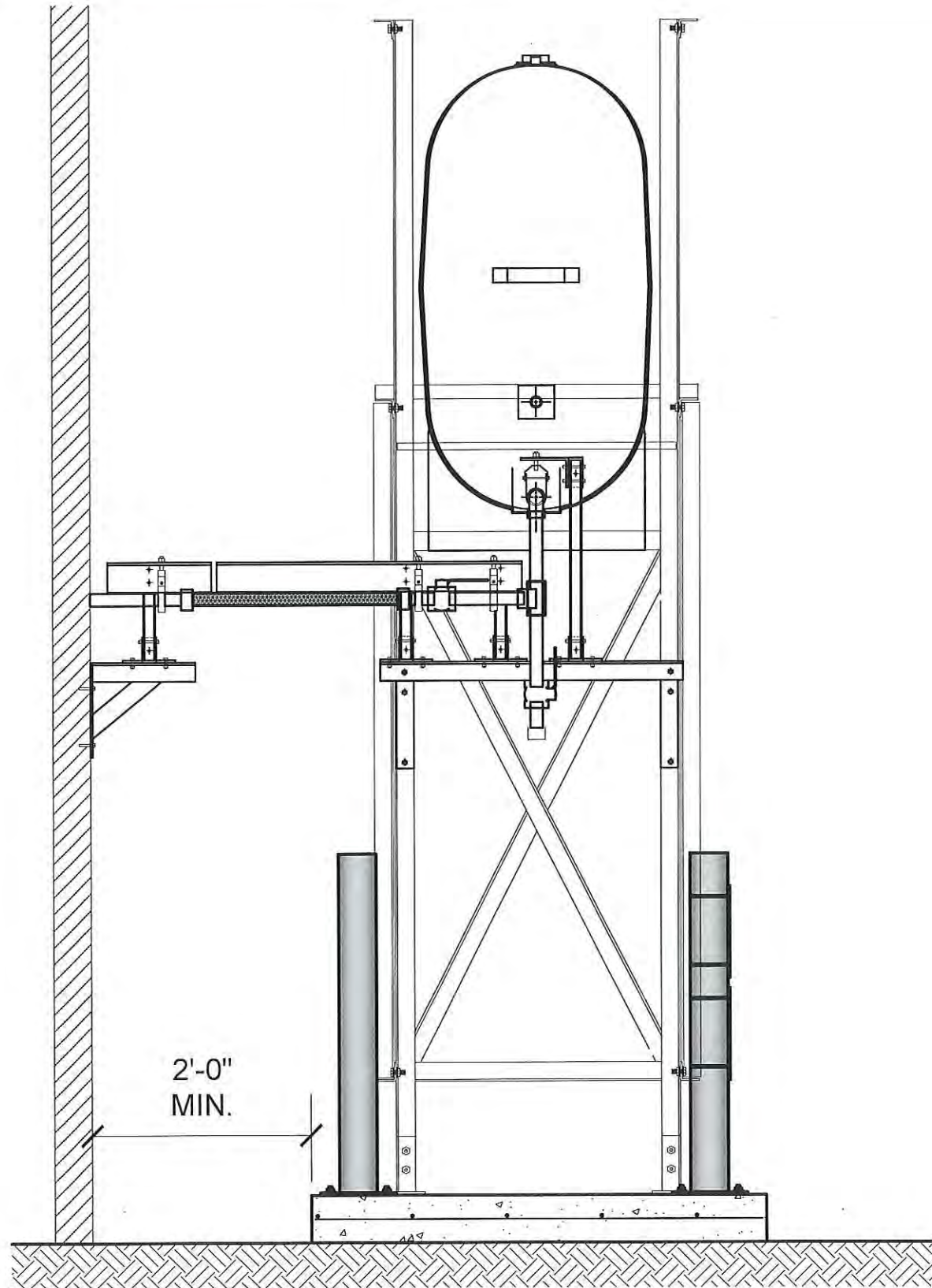
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED

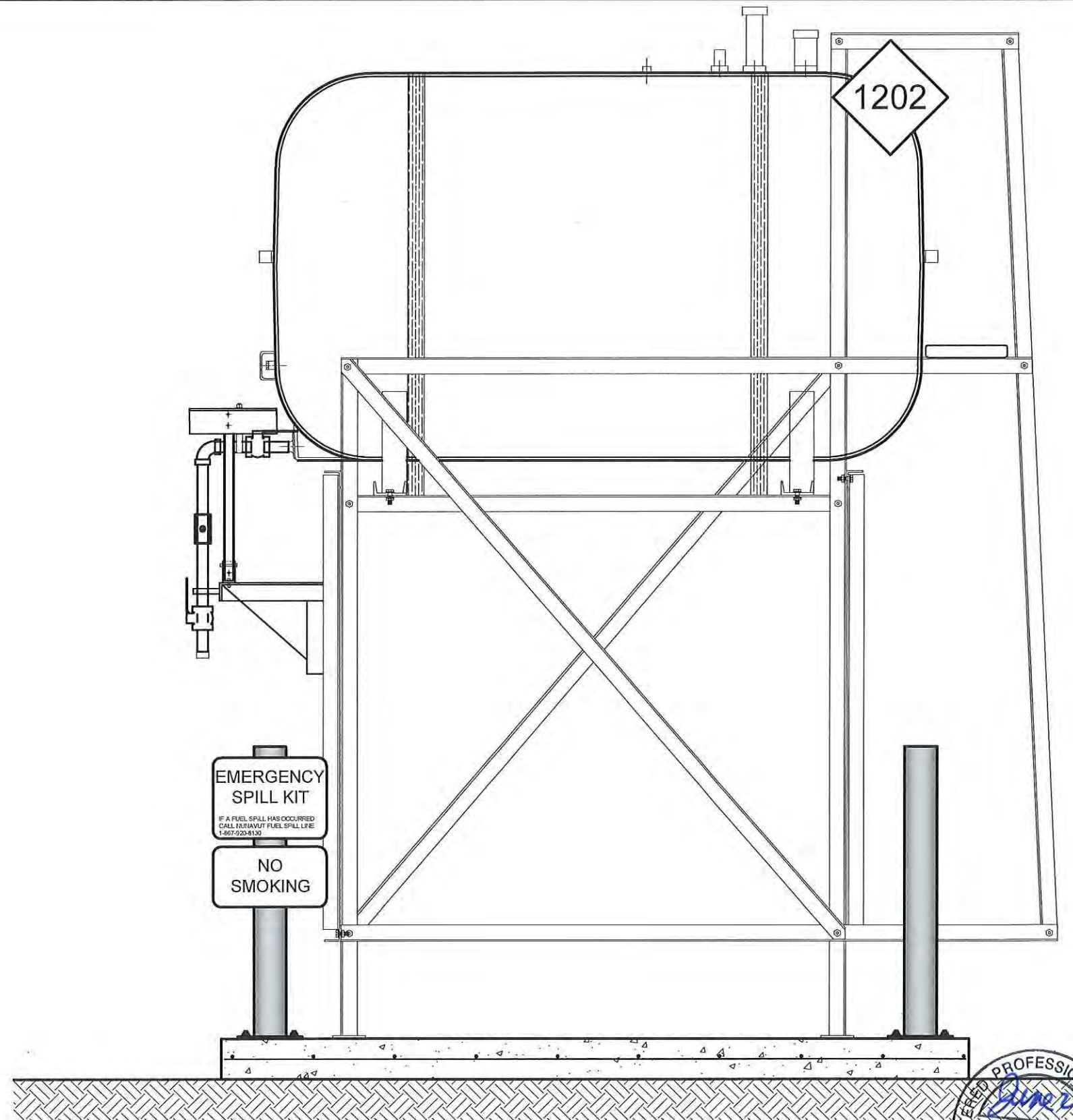
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.0**

REVISION NUMBER:  
00



01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V156 - GARAGE, CAPE DORSET  
SHEET TITLE:  
TANK ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

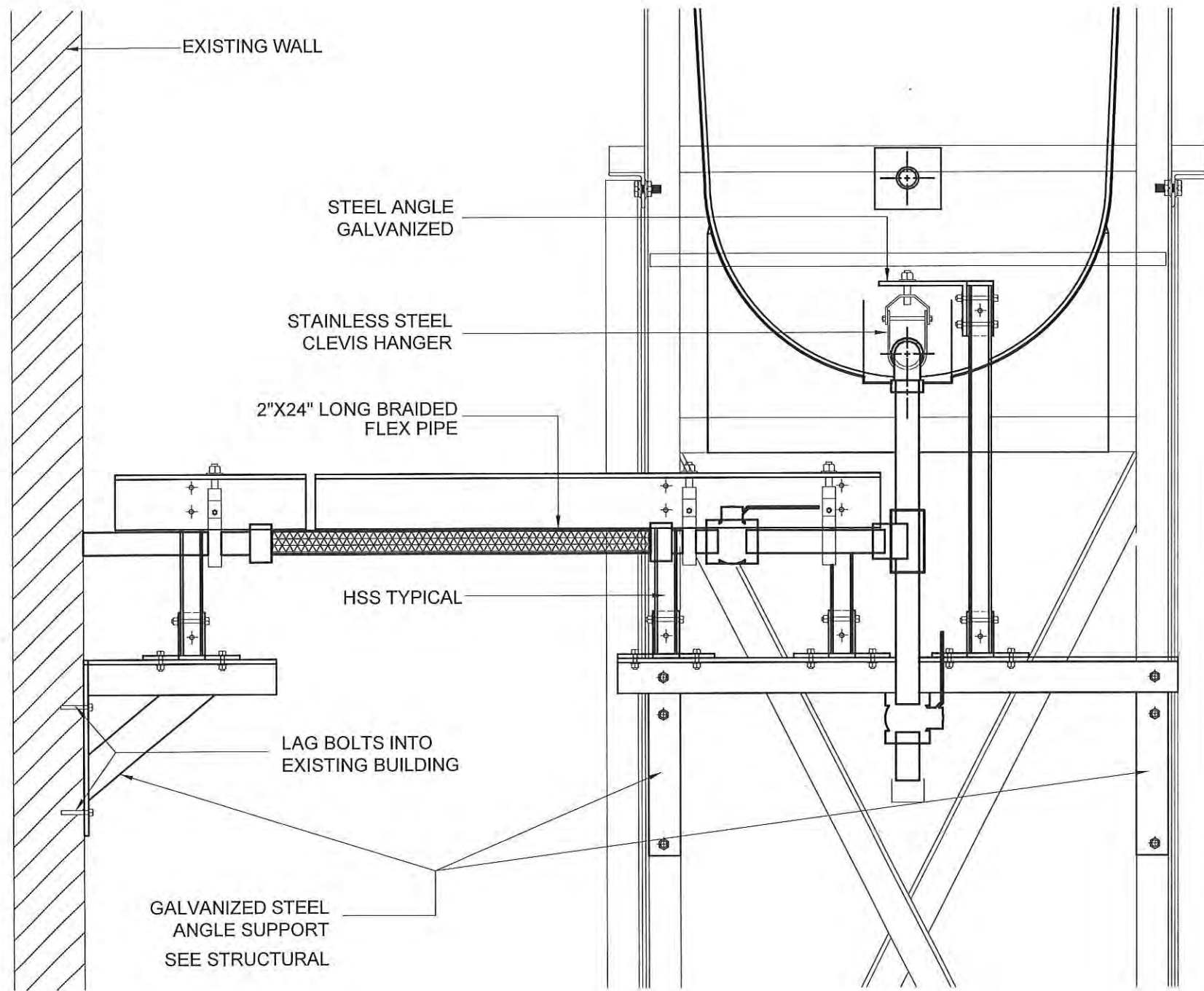
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

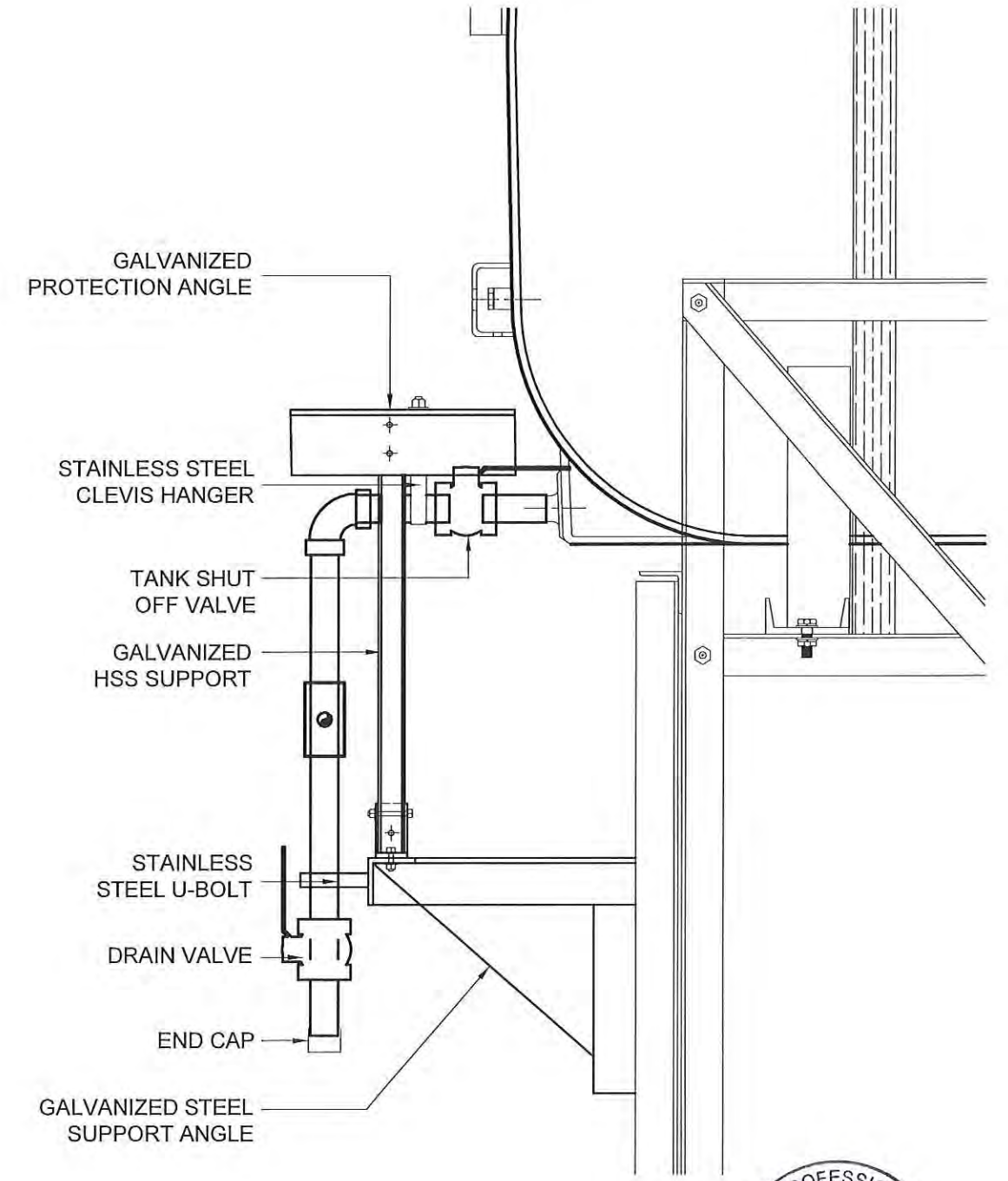
DRAWING NUMBER:

M2.0

REVISION NUMBER:  
00



01 FRONT VIEW  
M2.1 SCALE: 1 1/2\"/>



02 SIDE VIEW  
M2.1 SCALE: 1 1/2\"/>



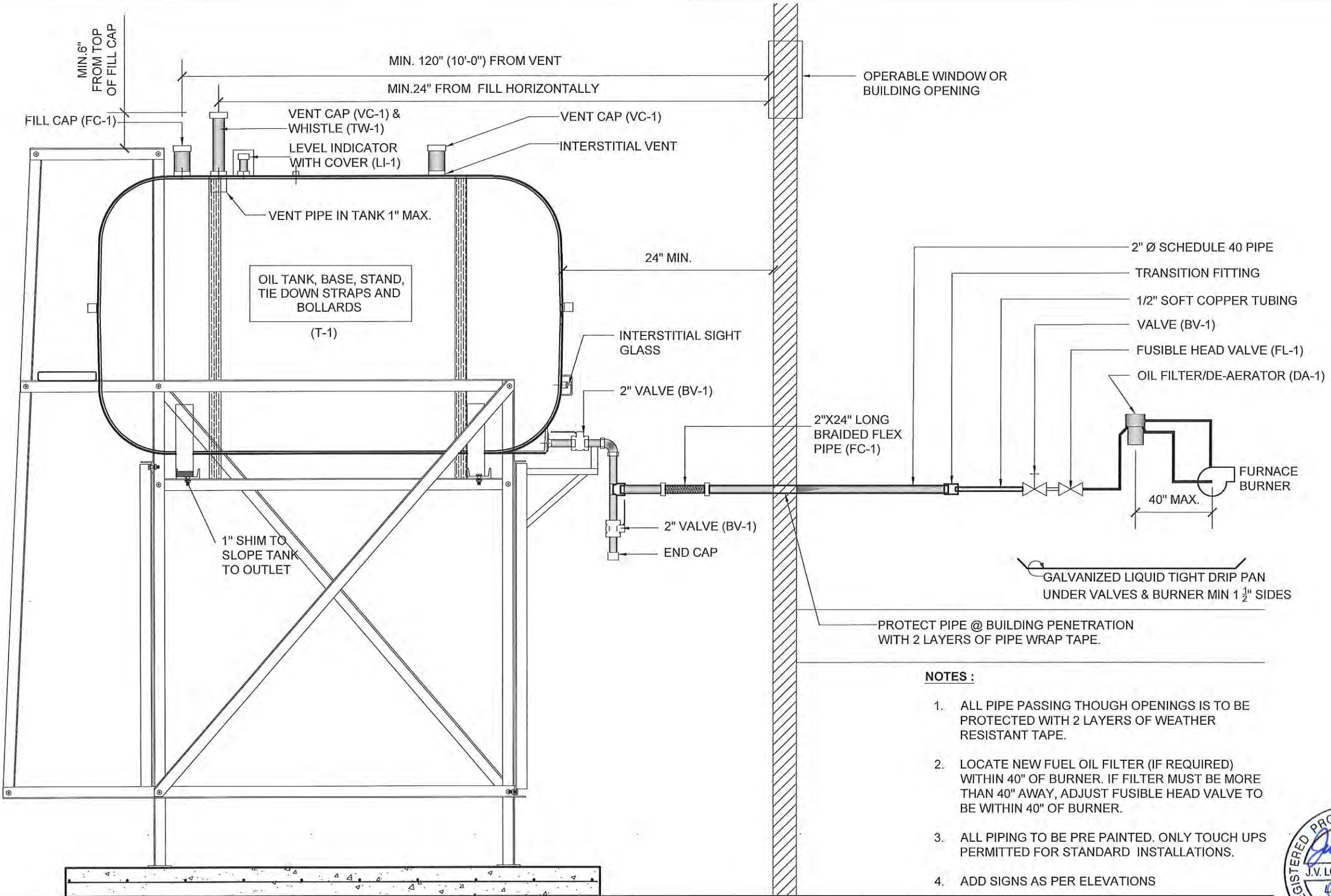
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V156 - GARAGE , CAPE DORSET  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
00



- NOTES :**
1. ALL PIPE PASSING THOUGH OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
  2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
  3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
  4. ADD SIGNS AS PER ELEVATIONS



01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON STAND  
M3.0 SCALE: NTS



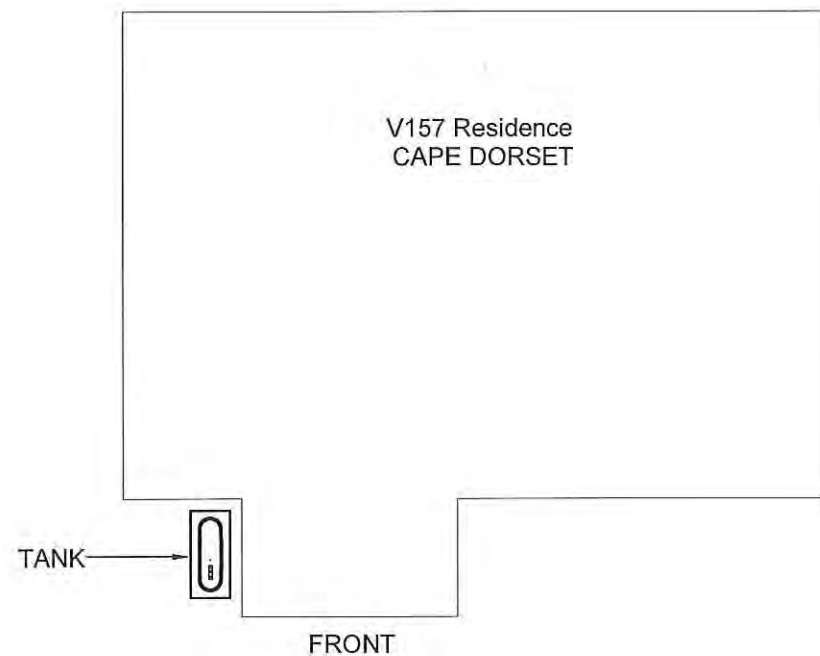
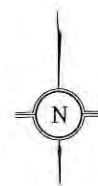
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V156 - GARAGE , CAPE DORSET  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

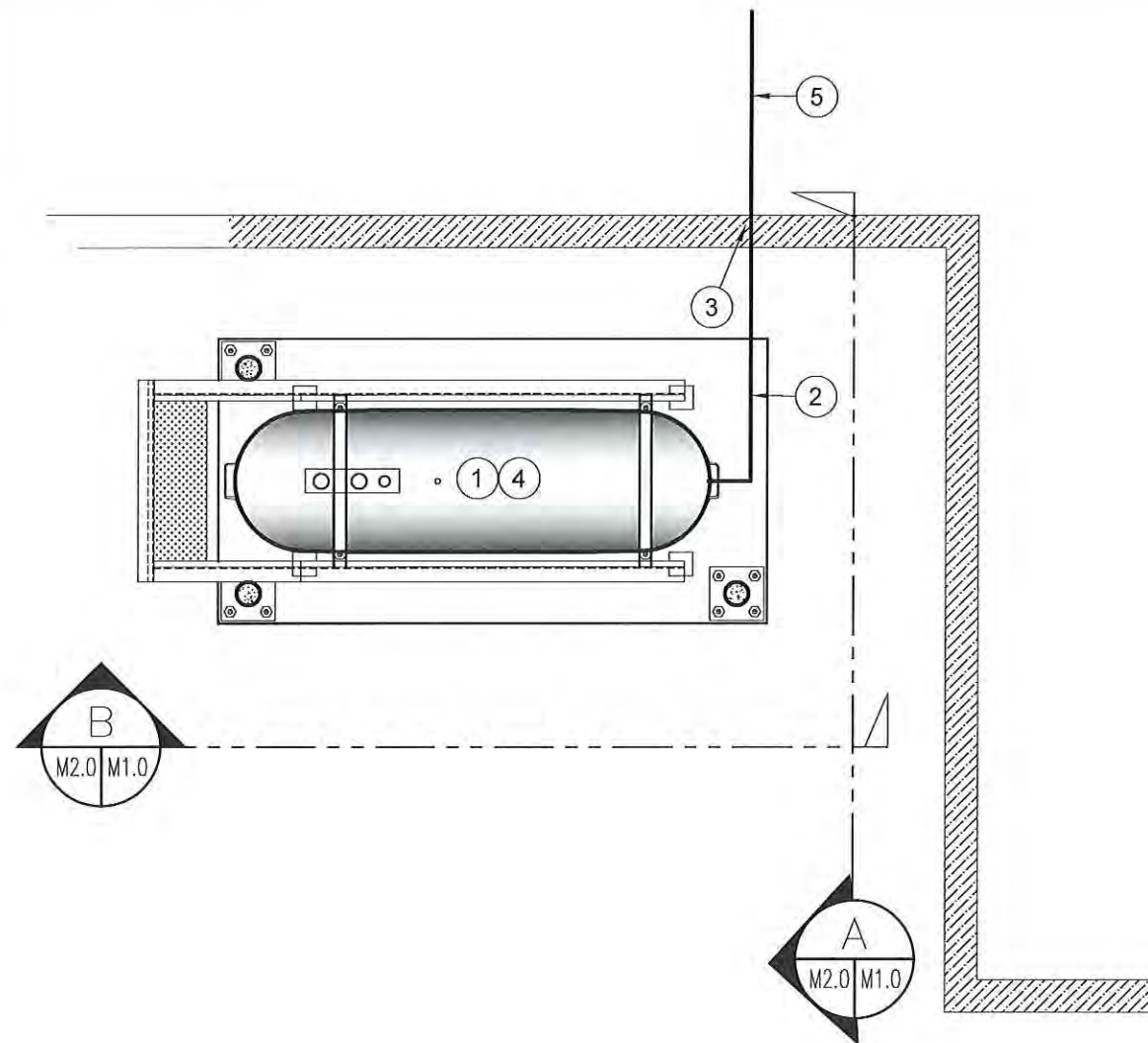
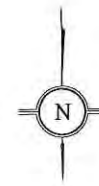
DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



01 DEMOLITION PLAN  
M1.0 SCALE: NTS

DEMOLITION NOTES:

1. REMOVE ALL FUEL FROM THE TANK AND DISPOSE OF AS PER LOCAL REGULATIONS.
2. REMOVE EXISTING ROTH 1000L OIL TANK AND PAD DISPOSE OF AS PER LOCAL REGULATIONS.



02 CONSTRUCTION PLAN  
M1.0 SCALE: NTS

CONSTRUCTION NOTES: #

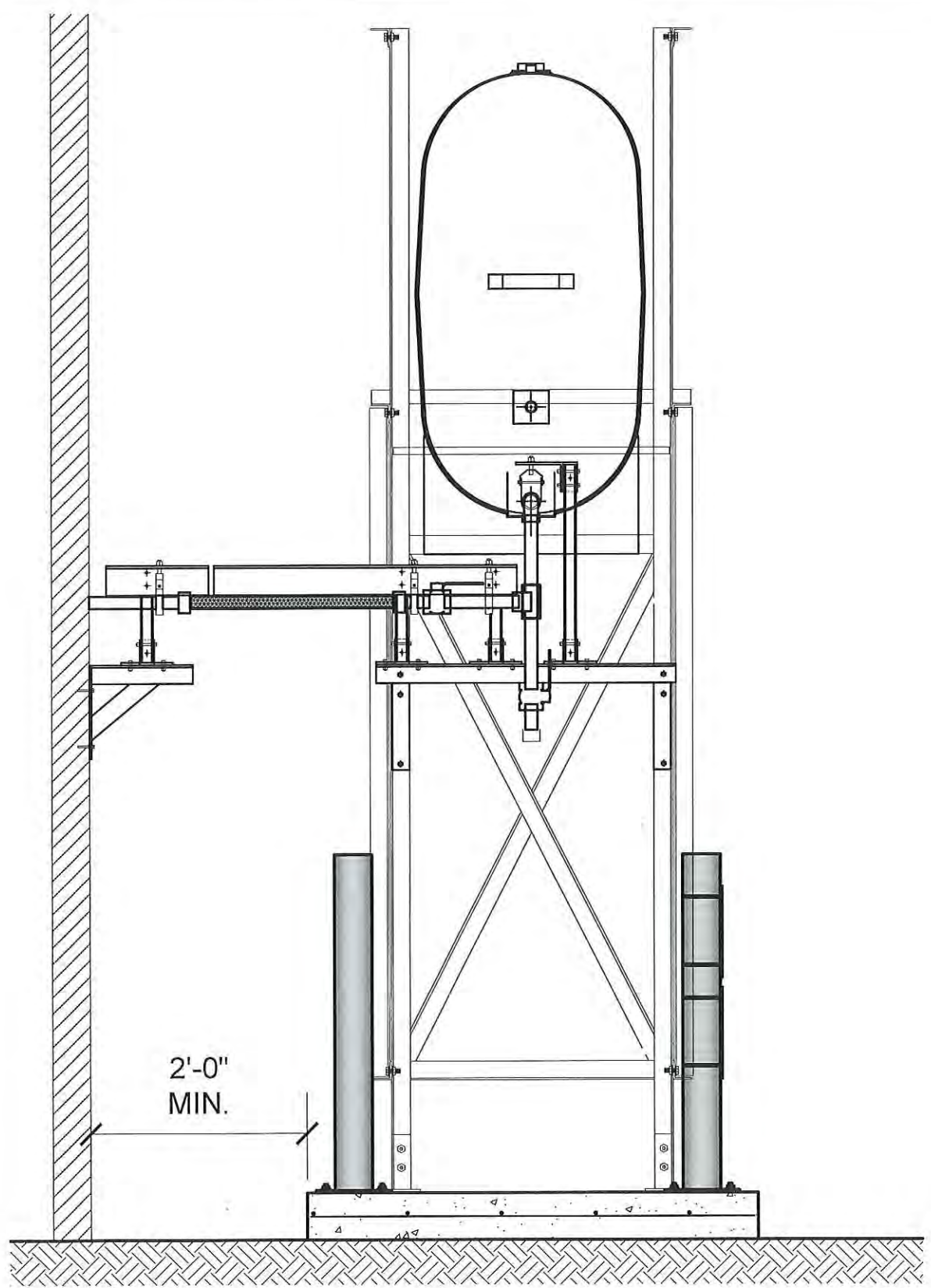
1. INSTALL NEW OIL TANK AND CONCRETE PAD. SEE SHEET M2.0
2. INSTALL NEW PIPE AND SUPPORTS AS PER SHEET M2.0
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND TYPE # 2 STRUCTURAL FOR DETAILS
5. INSTALL NEW PIPING TO MECHANICAL ROOM APPROXIMATELY 30'-0"

INTERIOR REPAIR NOTES:

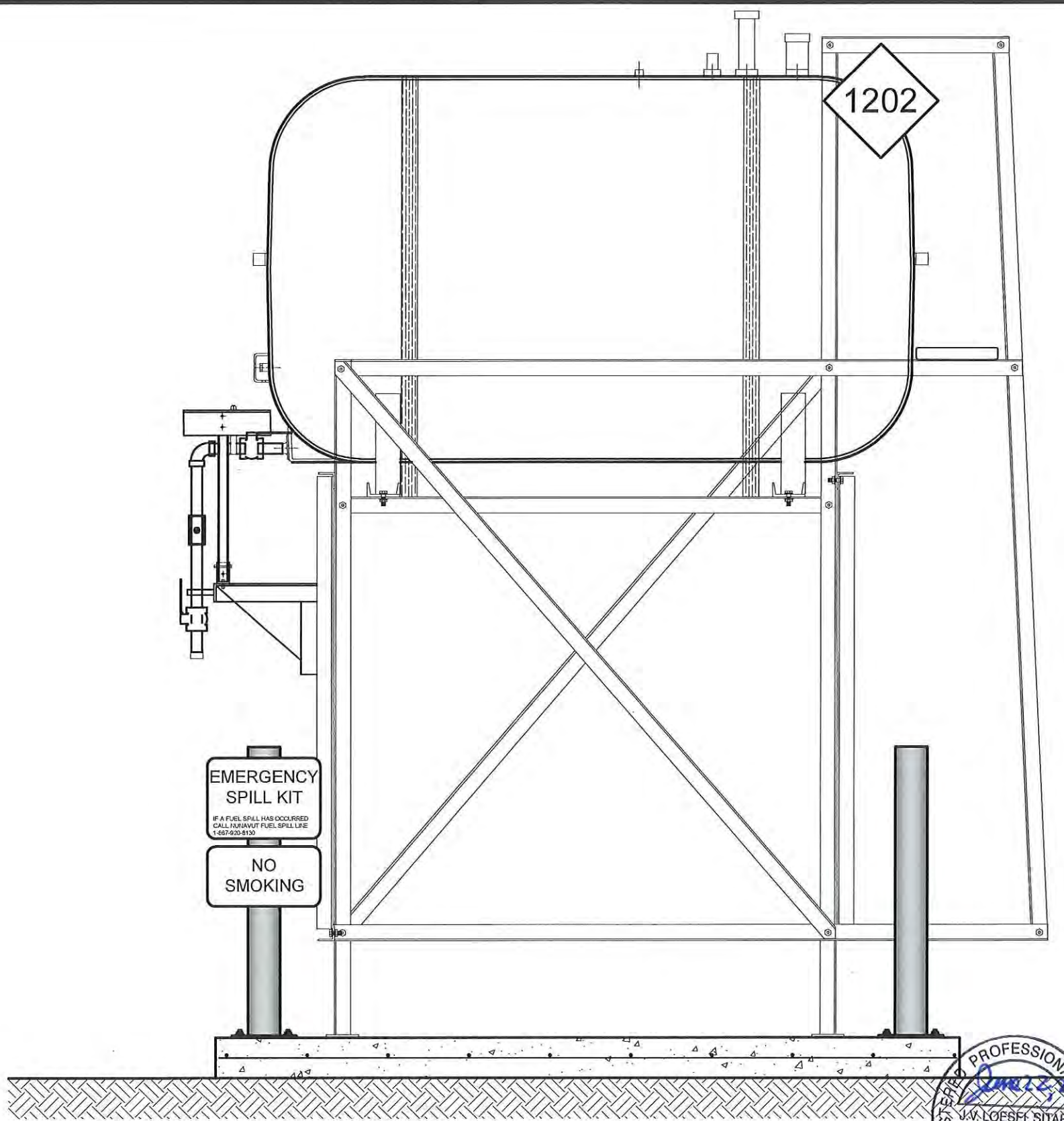
1. INSTALL 2" Ø PIPE TO FURNACE ROOM, 30'-0" UNDER HOUSE.
2. INSTALL NEW PIPE, DE-AERATOR, FUSIBLE LINK, SHUT OFF VALVE TO EACH EXISTING BURNER. (FURNACE AND HOT WATER TANK)







01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



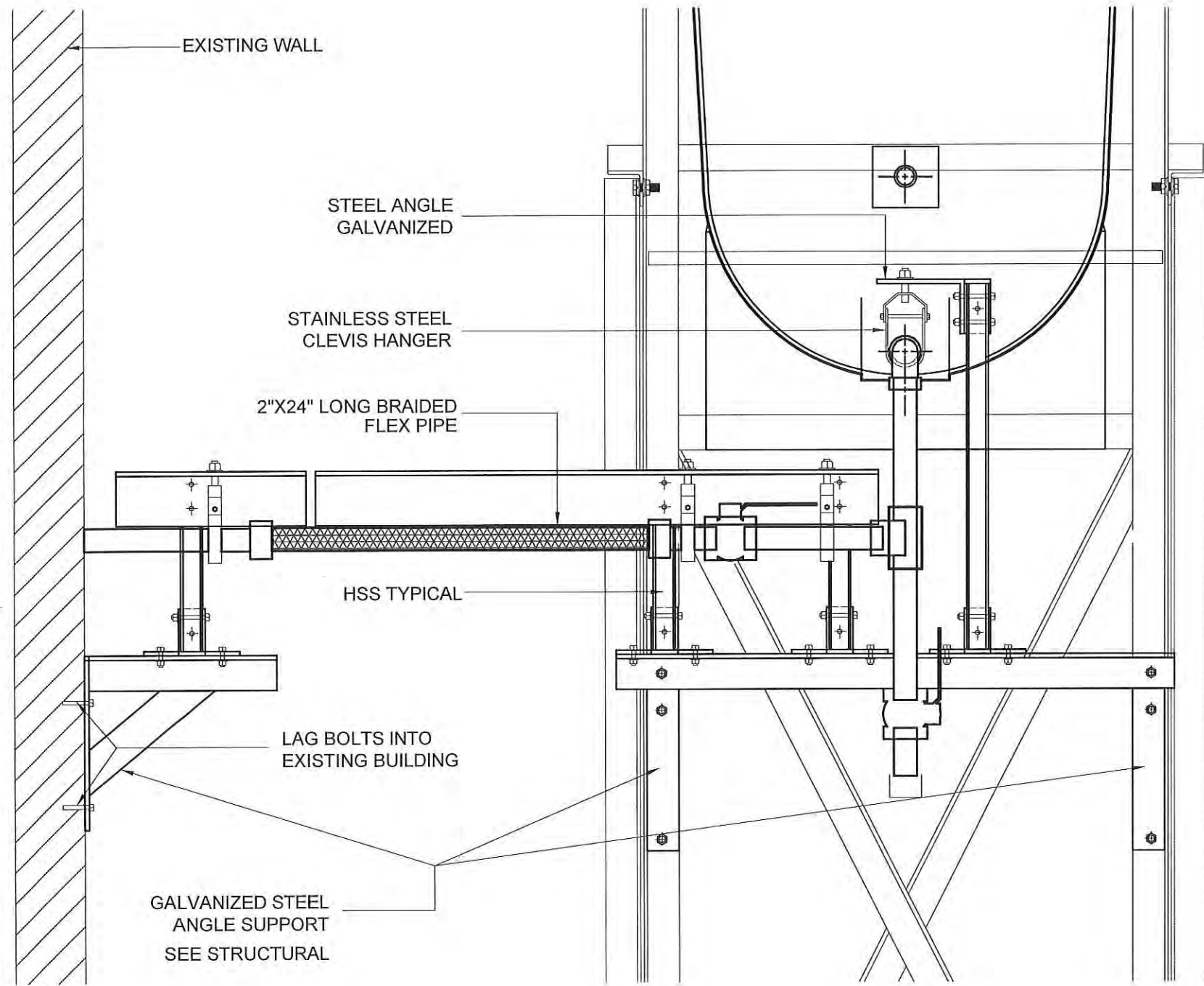
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V157 - RESIDENCE, CAPE DORSET  
SHEET TITLE:  
TANK ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

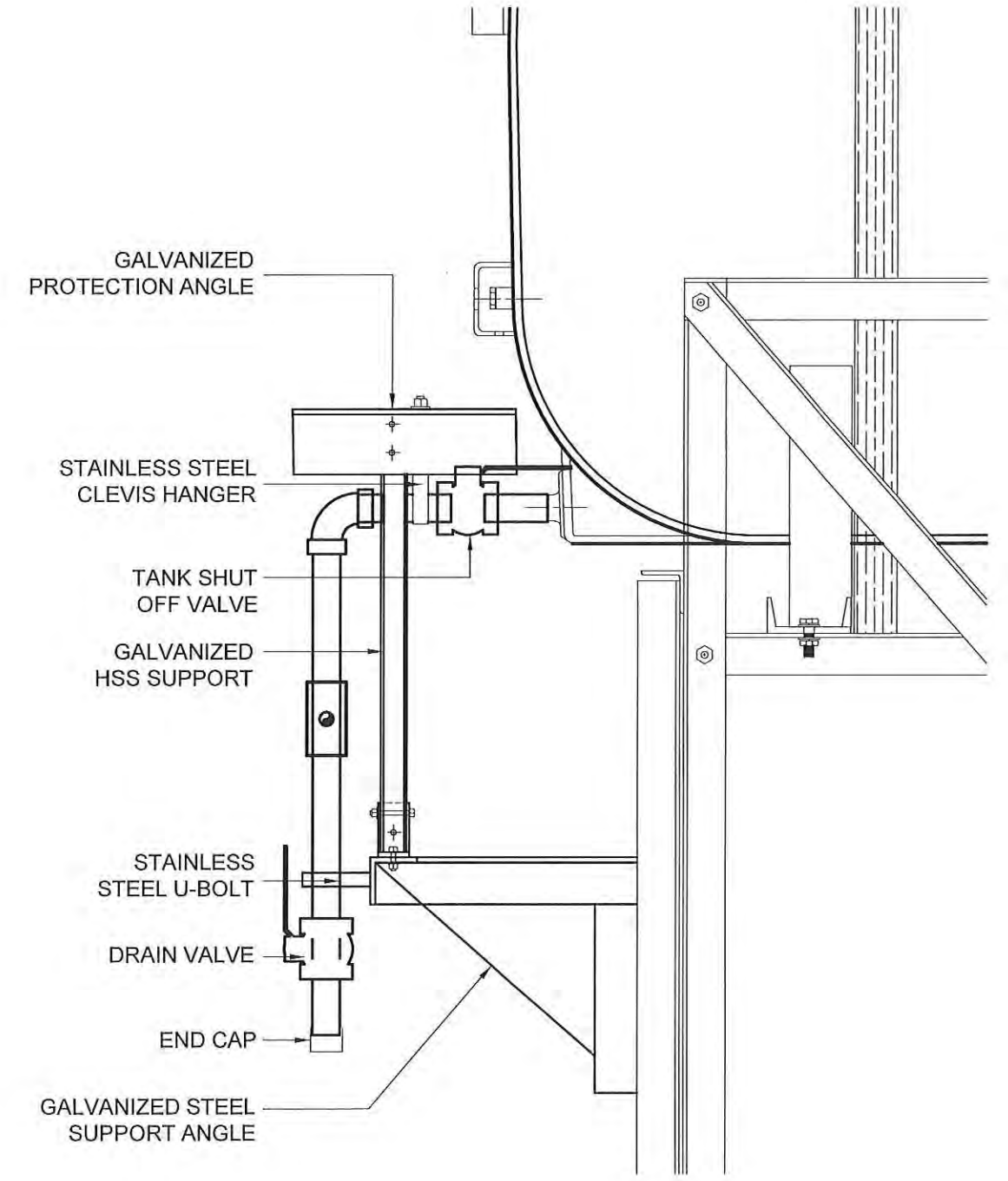
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.0**  
REVISION NUMBER:  
00



01 FRONT VIEW  
M2.1 SCALE: 1 1/2\"/>



02 SIDE VIEW  
M2.1 SCALE: 1 1/2\"/>



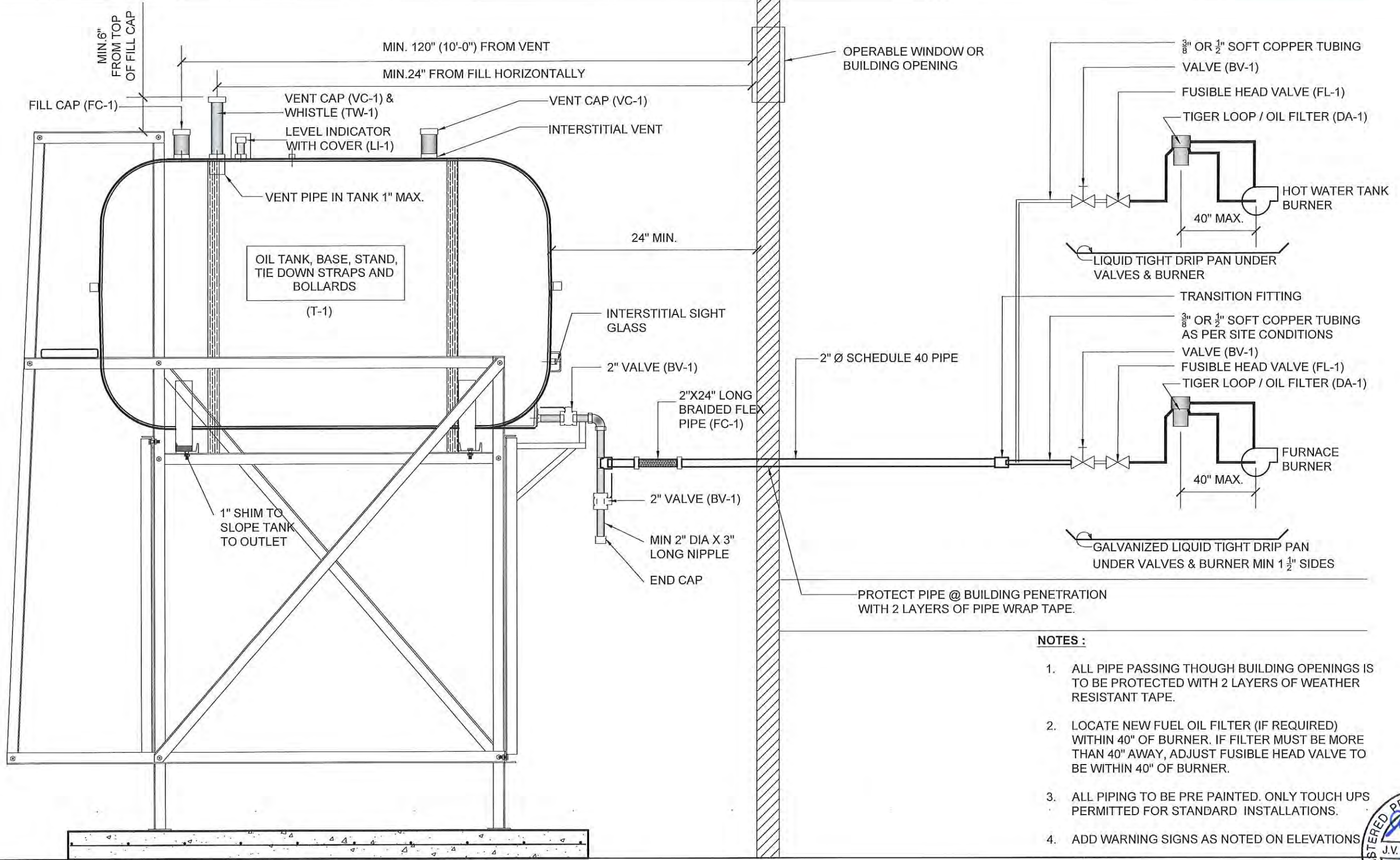
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V157 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

03		17 05 30	
		17/04/07	
00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 02 28

DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
03



**NOTES :**

1. ALL PIPE PASSING THOUGH BUILDING OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
4. ADD WARNING SIGNS AS NOTED ON ELEVATIONS



01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON STAND  
M3.0 SCALE: NTS



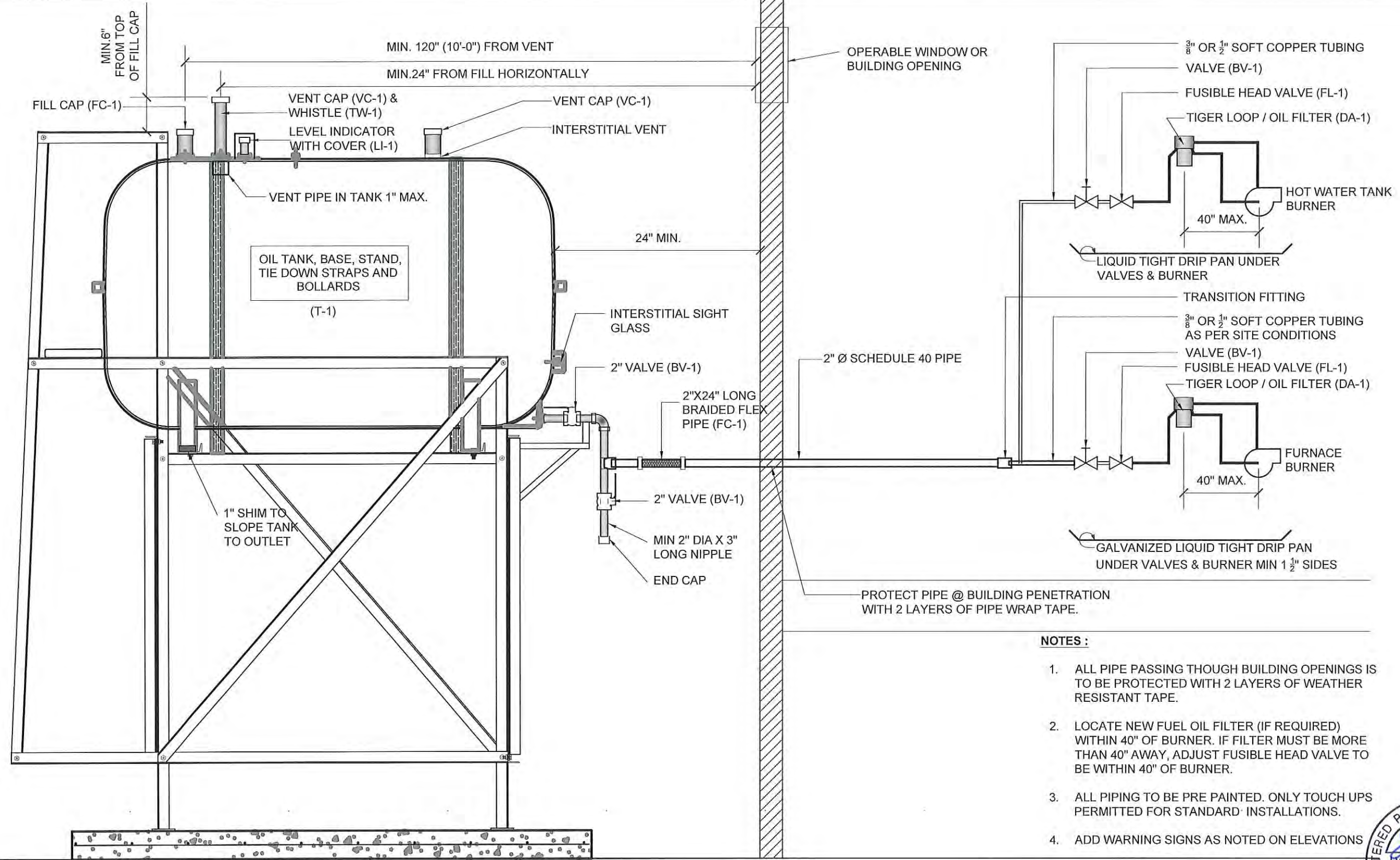
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V157 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



**NOTES :**

1. ALL PIPE PASSING THOUGH BUILDING OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
4. ADD WARNING SIGNS AS NOTED ON ELEVATIONS



01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON STAND  
M3.0 SCALE: NTS



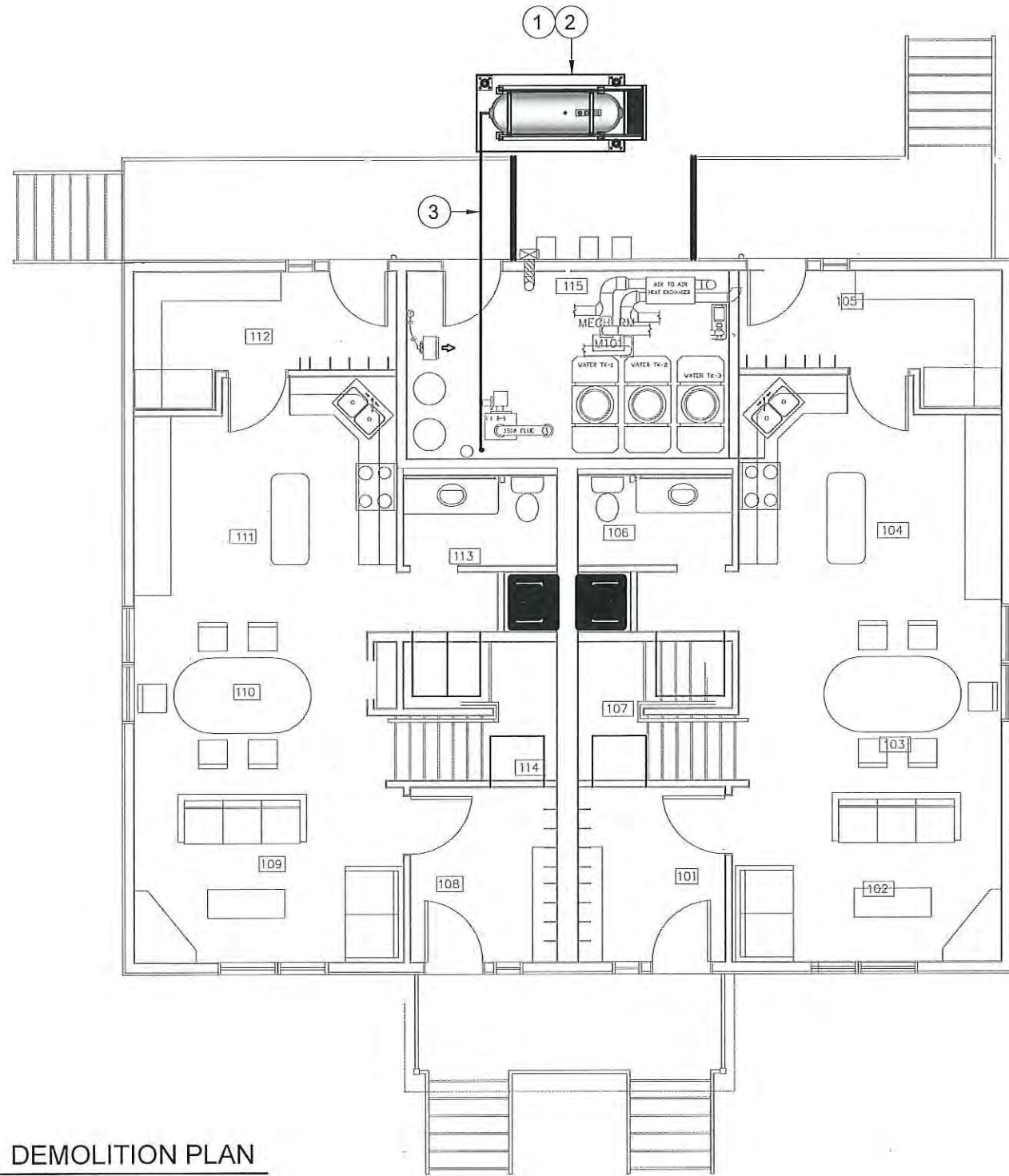
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V157 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # REVISION DATE (YY MM DD) REV. BY

REV. # REVISION DATE (YY MM DD) REV. BY

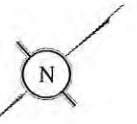
SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



DEMOLITION NOTES: #

1. REMOVE ALL FUEL FROM THE TANK AND DISPOSE OF AS PER LOCAL REGULATIONS.
2. REMOVE EXISTING OIL TANK, STAND AND PAD DISPOSE OF AS PER LOCAL REGULATIONS.
3. REMOVE ALL PIPING UNDER DUPLEX TO EXISTING BOILER.



01 DEMOLITION PLAN  
M1.0 SCALE: 1/8"=1'-0"



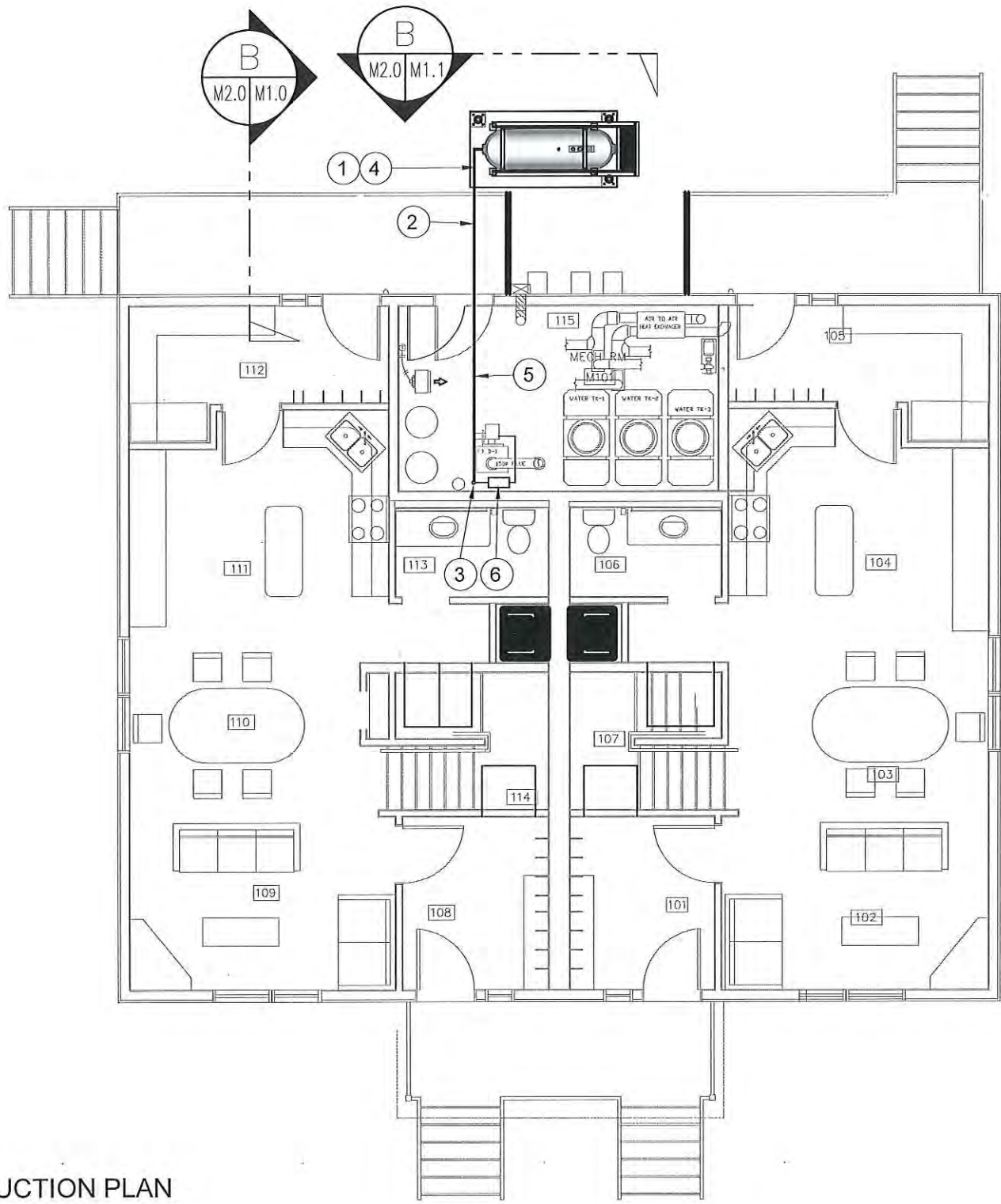
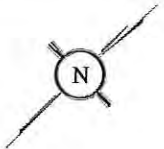
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V160 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
DEMOLITION PLAN  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.0**  
REVISION NUMBER:  
00



CONSTRUCTION NOTES: #

1. INSTALL NEW OIL TANK, STAND AND CONCRETE PAD. SEE SHEET M2.0
2. INSTALL NEW PIPING SUPPORT AS PER SHEET M2.1. CAULK ENTRY INTO BUILDING.
3. INSTALL NEW OIL TANK #3 - SEE STRUCTURAL FOR DETAILS.
4. INSTALL NEW 2" DIA SCH 40 PIPE AND HANGERS AS PER SPECIFICATION
5. INSTALL NEW WARMING TANK, FUEL FILTER, FUSIBLE LINK, TIGER LOOP AND DRIP TRAYS.

01 CONSTRUCTION PLAN  
M1.1 SCALE: 1/8"=1'-0"



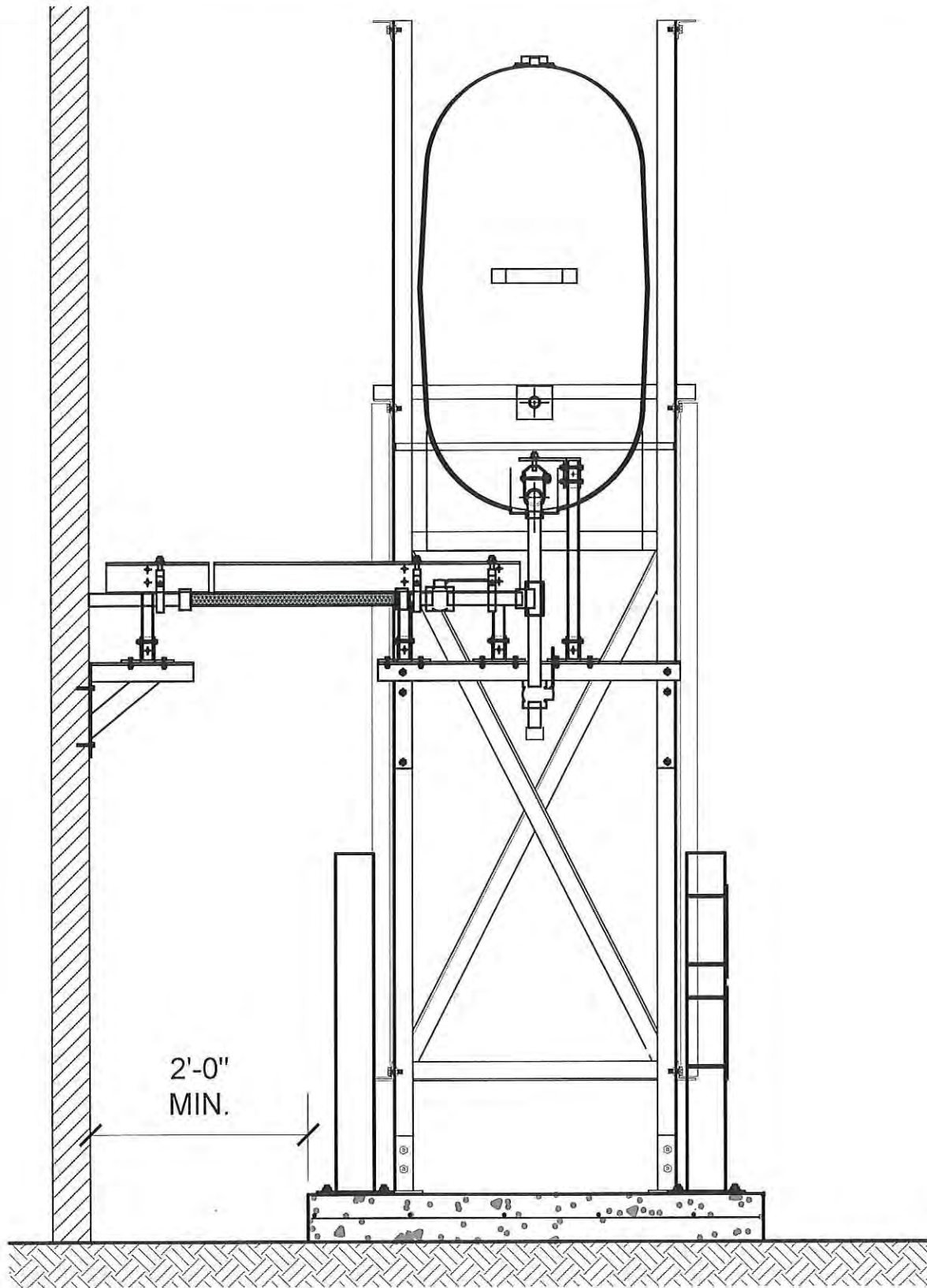
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V160 - RESIDENCE, CAPE DORSET  
SHEET TITLE:  
CONSTRUCTION PLAN  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

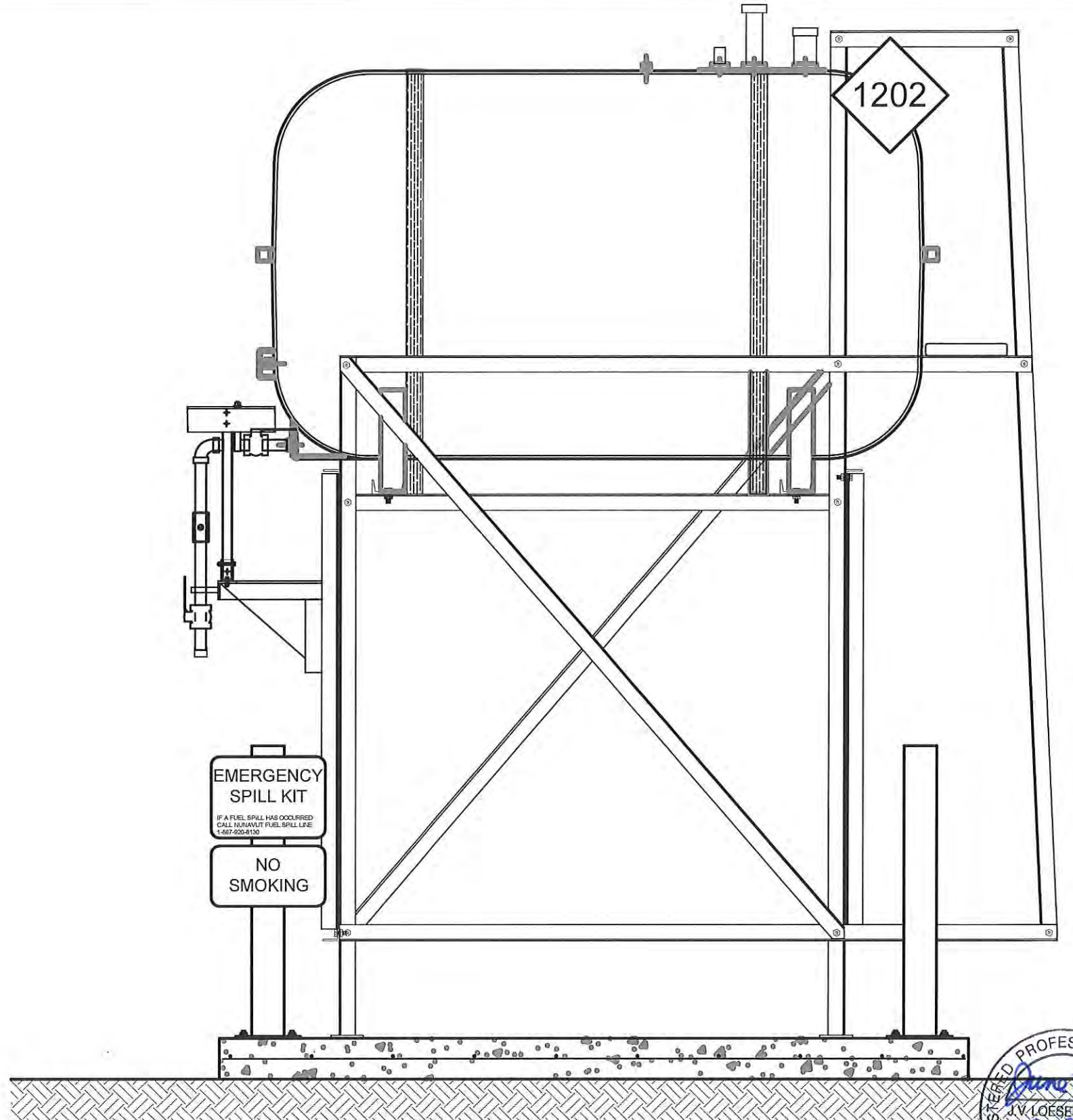
REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.1**  
REVISION NUMBER:  
00



01 OIL TANK ELEVATION - A  
M2.0 SCALE: 3/4"-1'-0"



02 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"-1'-0"



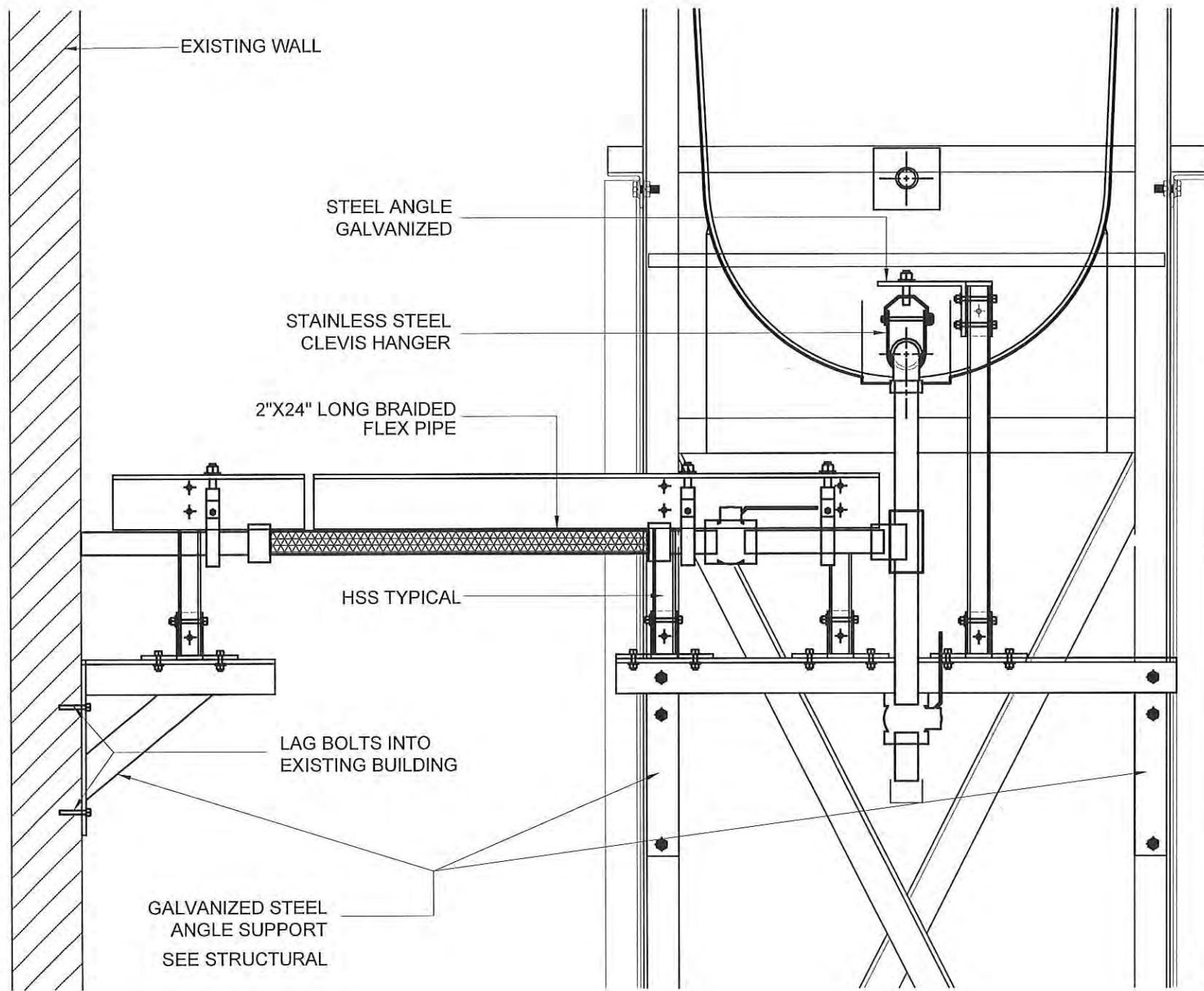
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V160 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
TANK ELEVATIONS  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # REVISION DATE (YY MM DD) REV. BY

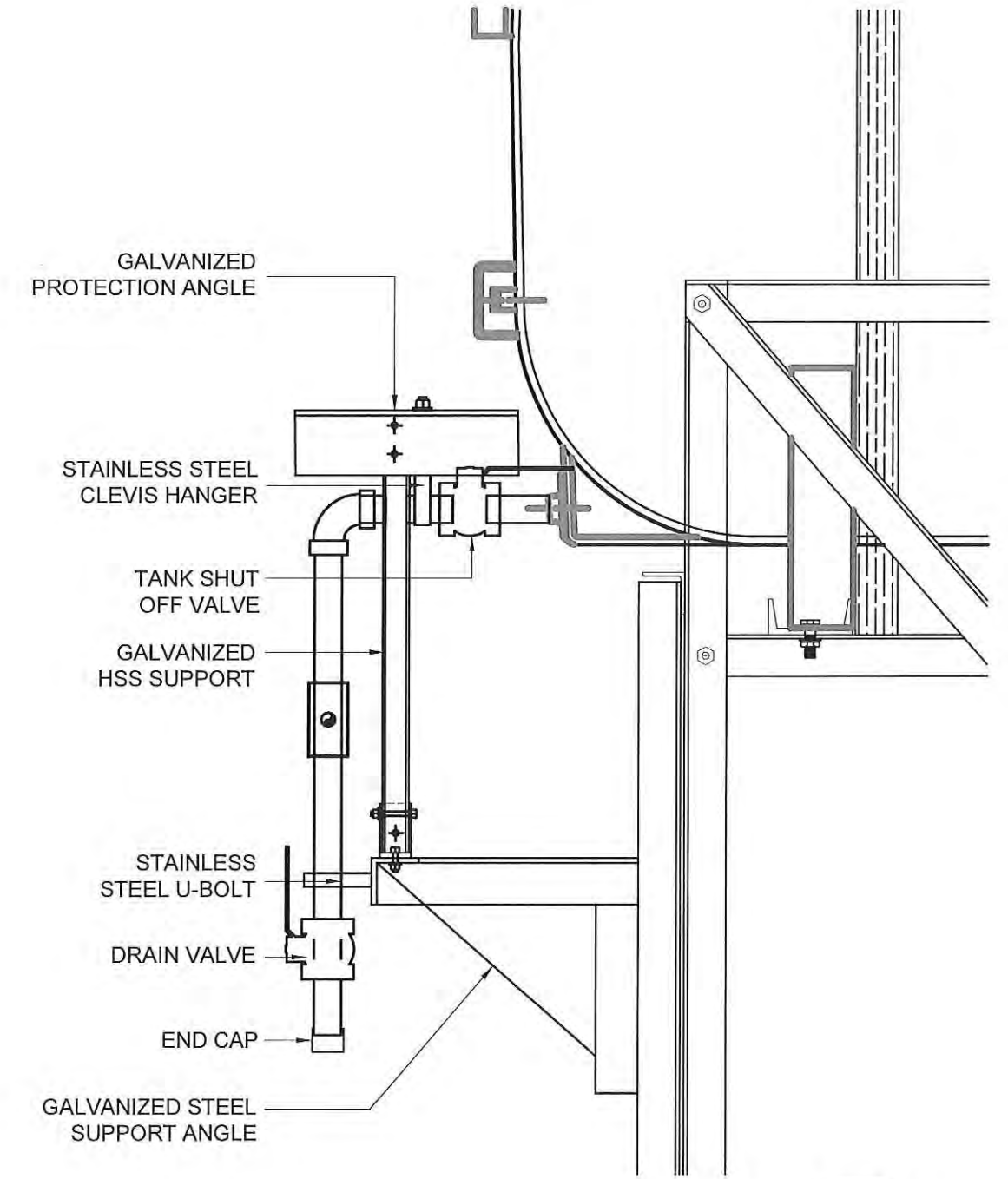
REV. # REVISION DATE (YY MM DD) REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
M2.0  
REVISION NUMBER:  
00



01 FRONT VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



02 SIDE VIEW  
M2.1 SCALE: 1 1/2"-1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V160 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
2" FUEL LINE SUPPORT DETAIL  
PROJECT NUMBER:  
16-028-14-30

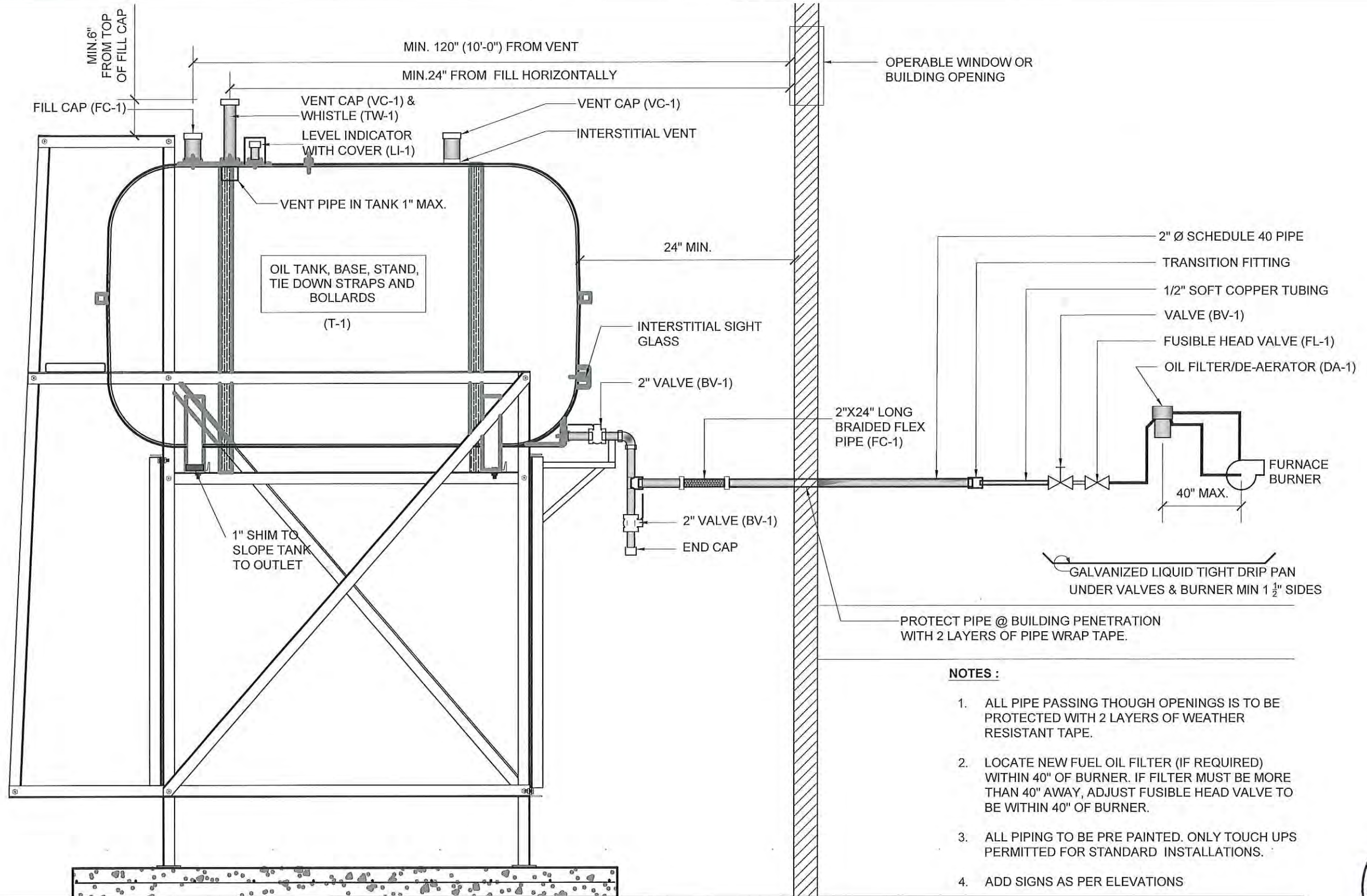
REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
00





- NOTES :**
1. ALL PIPE PASSING THOUGH OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
  2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
  3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
  4. ADD SIGNS AS PER ELEVATIONS



01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON STAND  
M3.0 SCALE: NTS



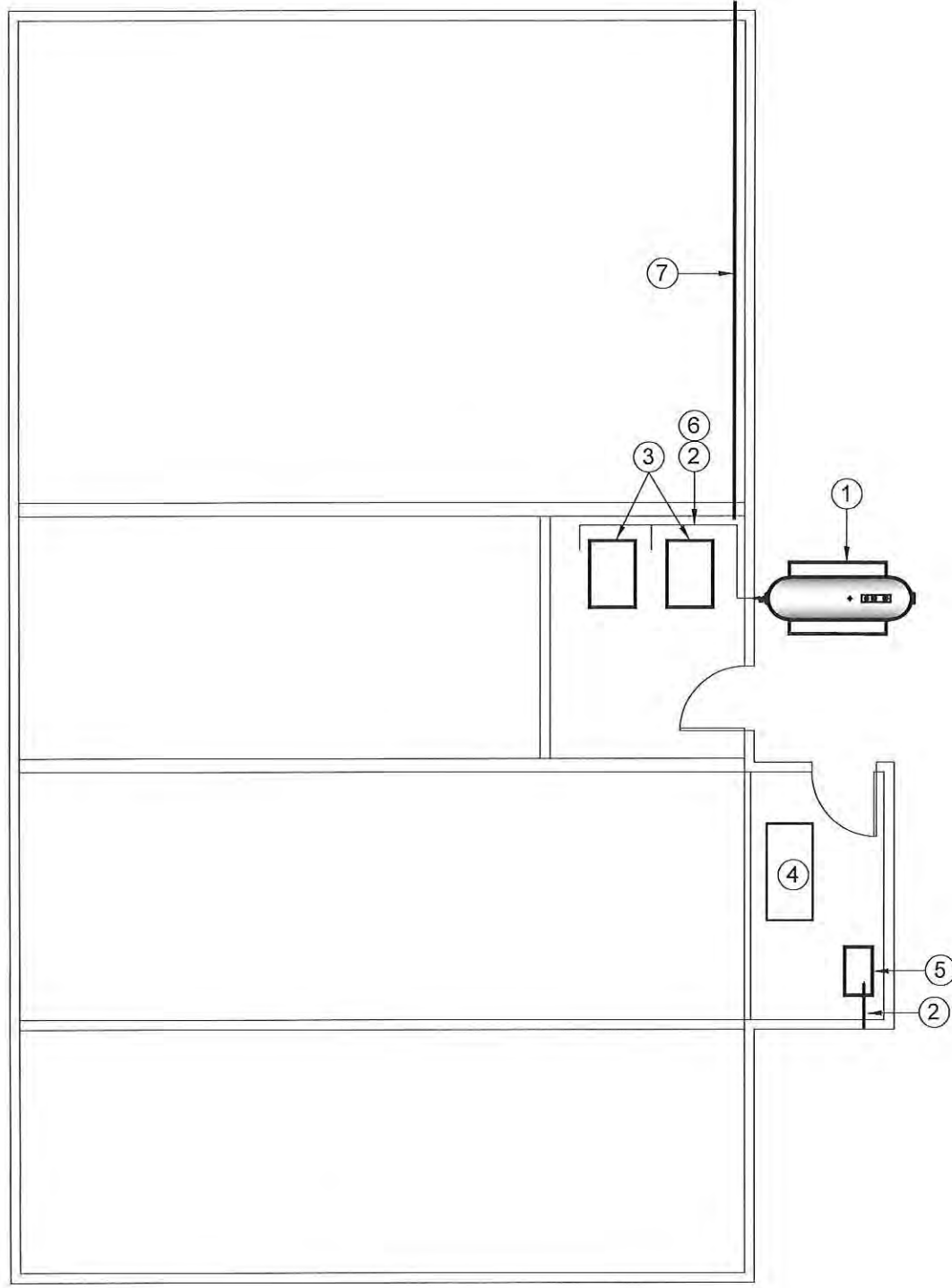
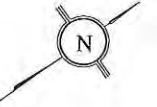
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V160 - RESIDENCE , CAPE DORSET  
SHEET TITLE:  
SCHEMATIC - TANK, PIPING & ACCESSORIES  
PROJECT NUMBER:  
16-028-14-30

00 ISSUED FOR TENDER 17 06 09 JLS  
REV. # REVISION DATE (YY MM DD) REV. BY

REV. # REVISION DATE (YY MM DD) REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
M3.0  
REVISION NUMBER:  
00



DRAWING NOTES: (#)

- 1. REMOVE EXISTING OIL TANK AND BASE
- 2. REMOVE ALL SUPPLY AND VENT PIPING. SEAL HOLE IN EXTERIOR WALL.
- 3. EXISTING BOILER
- 4. EXISTING GENERATOR
- 5. DAY TANK - TO BE REMOVED
- 6. REMOVE FILTER, FUSIBLE LINE. (ALL ACCESSORIES)
- 7. ABANDONED OIL LINE TO BE REMOVED FROM CRAWL SPACE

DEMOLITION NOTES:

- 1. REMOVE ALL FUEL FROM THE EXISTING TANK AND DISPOSE OF AS PER LOCAL REGULATIONS, DISPOSE OF TANKS, PIPING AND ACCESSORIES AS PER LOCAL REGULATIONS.

01 DEMOLITION PLAN CRAWL SPACE  
M1.0 SCALE: 1/8"=1'-0"



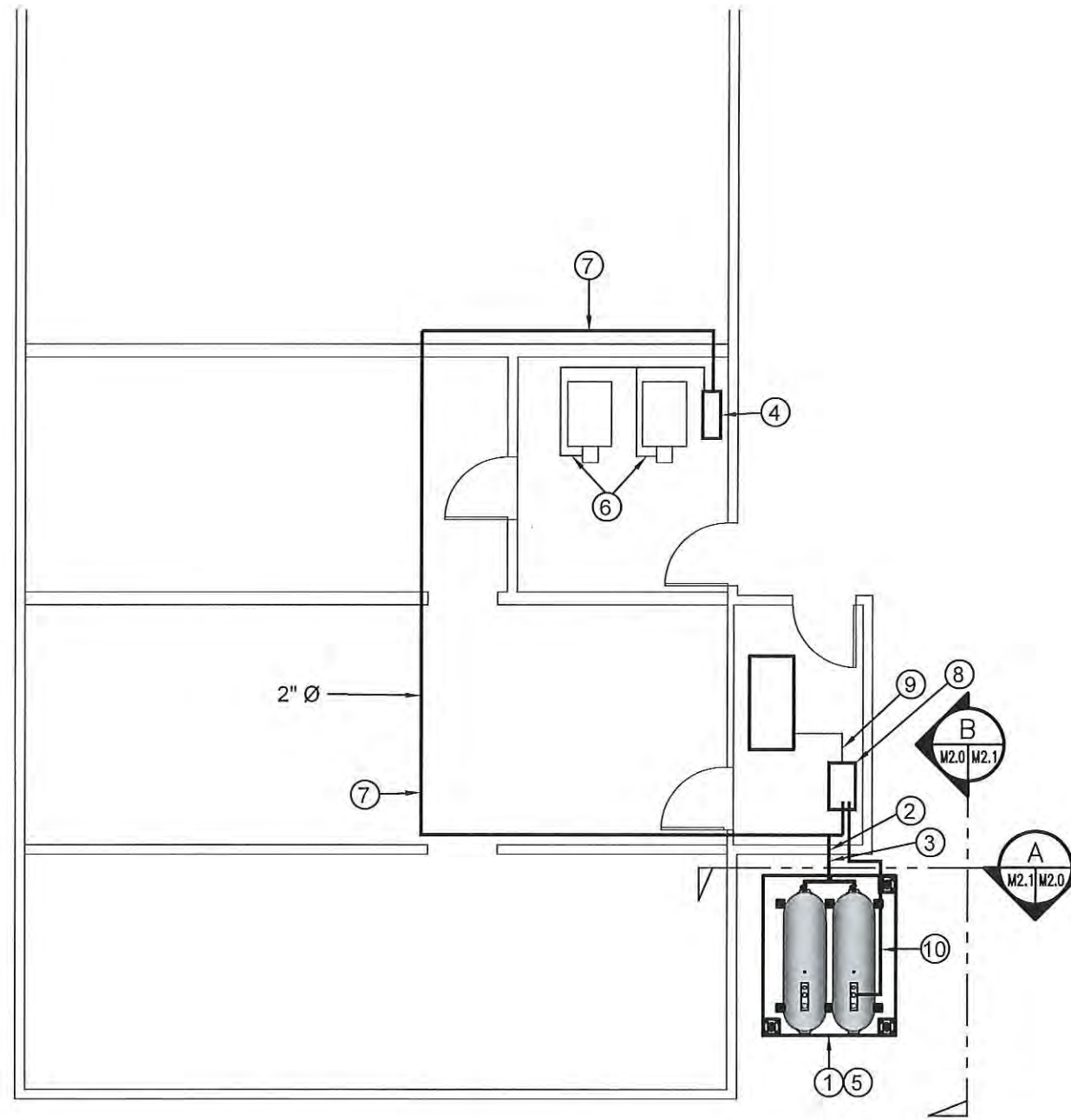
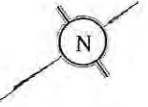
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V148 - DETACHMENT  
SHEET TITLE:  
DEMOLITION PLAN  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M1.0**  
REVISION NUMBER:  
00



DRAWING NOTES: #

1. INSTALL NEW DOUBLE OIL TANK, STAND AND CONCRETE PAD
2. CAULK ENTRY INTO BUILDING
3. INSTALL NEW PIPING SUPPORTS. SEE DETAIL C SHEET M2.1
4. INSTALL NEW WARMING PIPE
5. NEW TANK STAND TO BE #5 SEE STRUCTURAL FOR DETAILS
6. INSTALL NEW ACCESSORIES TO BOILERS SEE SCHEMATIC
7. NEW FUEL PIPING TO BE INSTALLED IN CRAWL SPACE HANG FROM UNDERSIDE OF MAIN FLOOR JOIST SYSTEM.
8. INSTALL NEW WARMING PIPE FOR GENERATOR
9. INSTALL NEW FUEL PIPING TO GENERATOR. COVER PIPING MOUNTED ON FLOOR WITH 10 GA GALVANIZED HAT CHANNEL. HAT CHANNEL TO BE SECURED TO FLOOR WITH SCREWS.
10. VENT TO TANK 2"Ø

01 CRAWL SPACE PLAN  
M2.0 SCALE: 1/8"=1'-0"



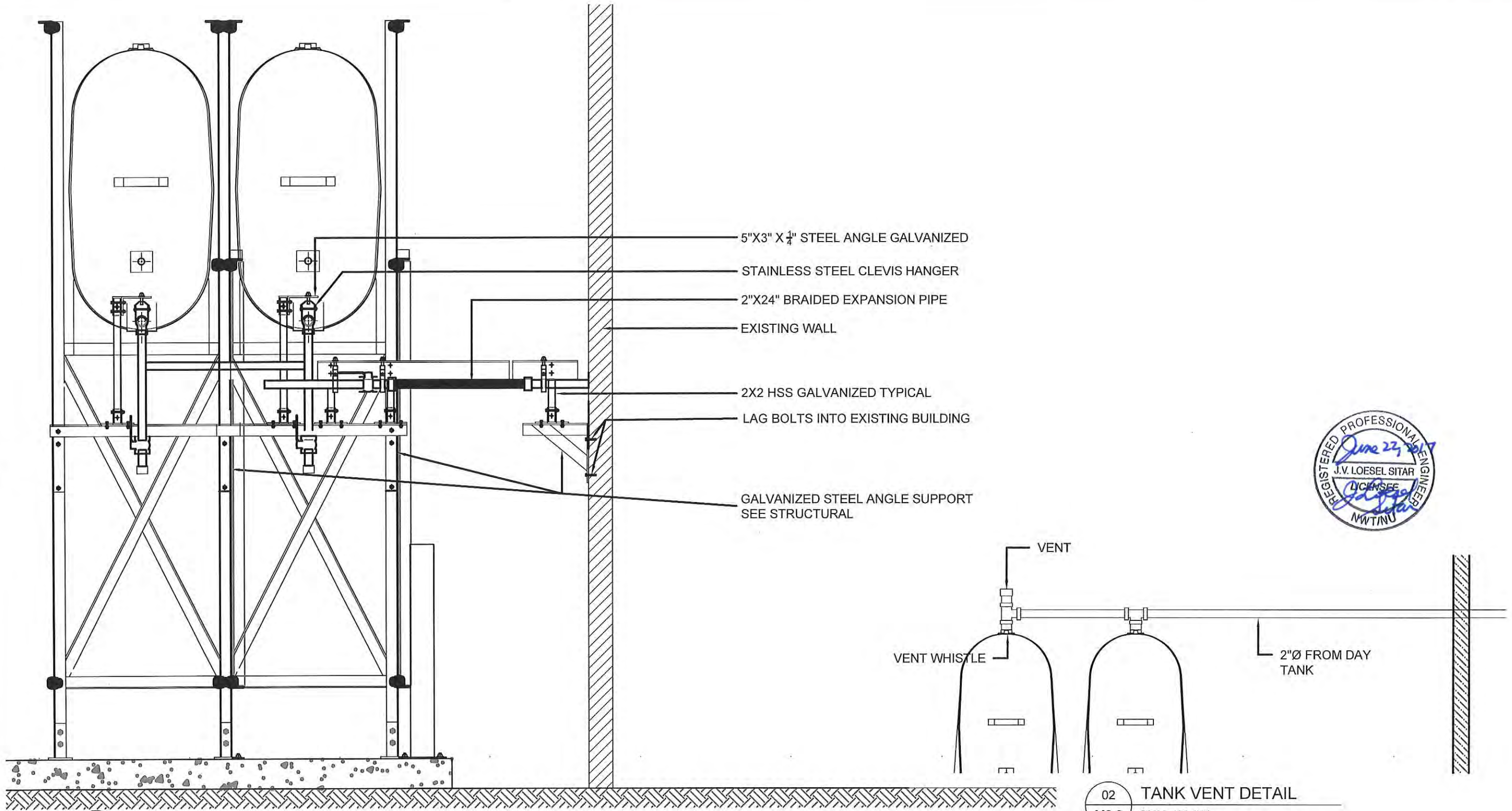
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V148 - DETACHMENT  
SHEET TITLE:  
CONSTRUCTION PLAN  
PROJECT NUMBER:  
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	17 06 09	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.0**  
REVISION NUMBER:  
00



- 5"X3" X 1/4" STEEL ANGLE GALVANIZED
- STAINLESS STEEL CLEVIS HANGER
- 2"X24" BRAIDED EXPANSION PIPE
- EXISTING WALL
- 2X2 HSS GALVANIZED TYPICAL
- LAG BOLTS INTO EXISTING BUILDING
- GALVANIZED STEEL ANGLE SUPPORT  
SEE STRUCTURAL



01 OIL TANK ELEVATION - B  
M2.0 SCALE: 3/4"=1'-0"

02 TANK VENT DETAIL  
M2.0 SCALE: 1/2"=1'-0"



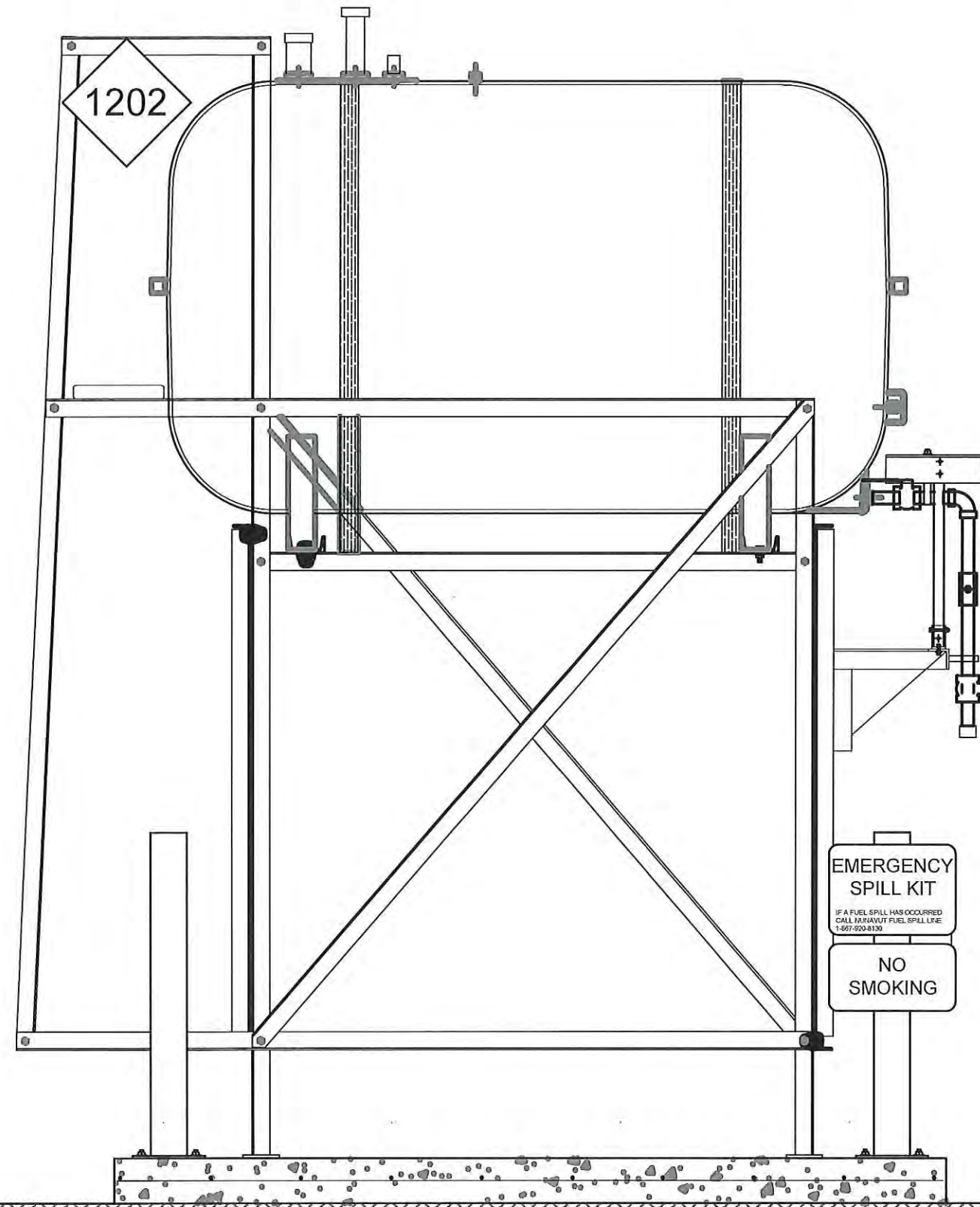
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V148 - DETACHMENT  
SHEET TITLE:  
ELEVATION  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M2.1**  
REVISION NUMBER:  
00



01 ELEVATION A  
M2.2 SCALE: 3/4"=1'-0"



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V148 - DETACHMENT  
SHEET TITLE:  
ELEVATION  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION
--------	----------

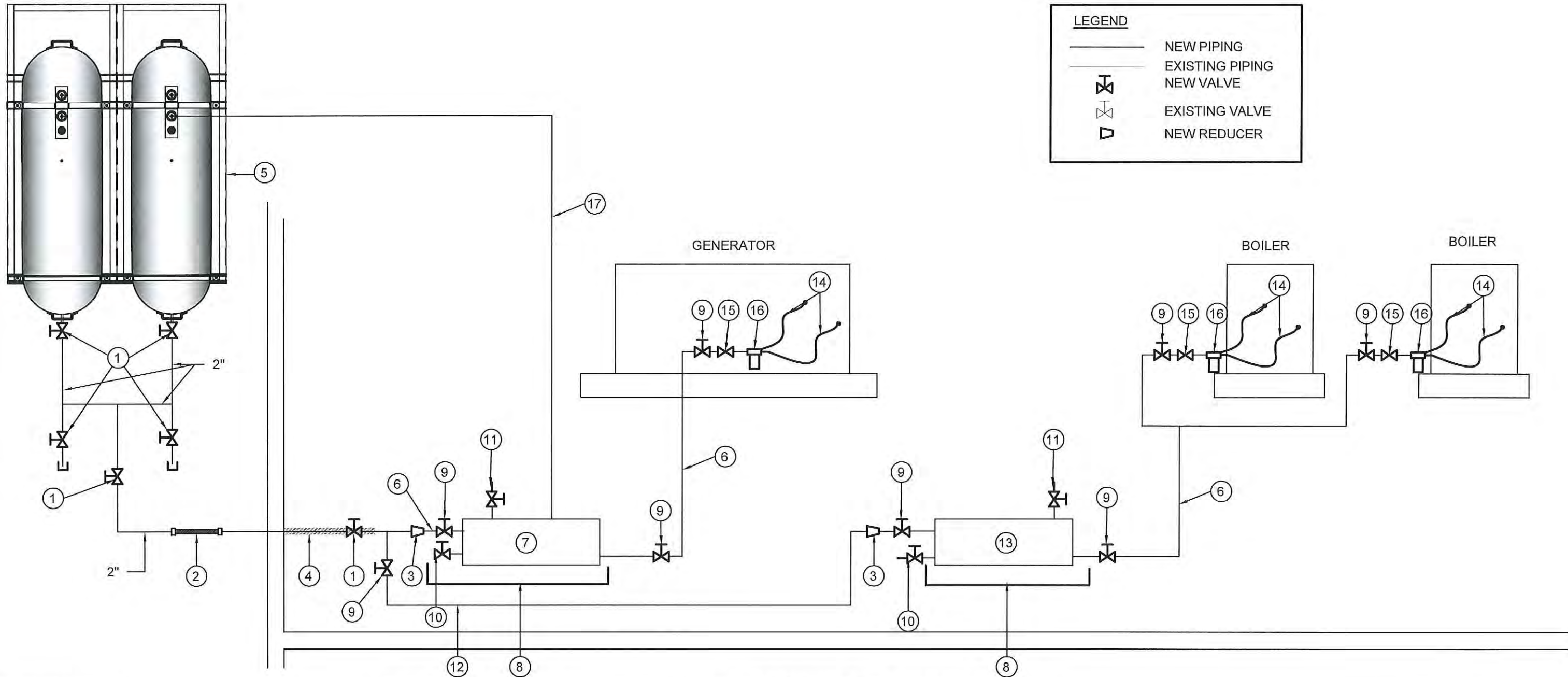
DATE (YY MM DD)	REV. BY
-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:

M2.2

REVISION NUMBER:  
00



**LEGEND**

- NEW PIPING
- - - EXISTING PIPING
- ⊕ NEW VALVE
- ⊗ EXISTING VALVE
- ▽ NEW REDUCER

**DRAWING NOTES: (#)**

1. NEW VALVE 2" (BV-1)
2. 2"X24" LONG BRAIDED FLEX PIPE (FC-1)
3. NEW REDUCER 2" TO 1"
4. INSULATE 2" PIPE FROM EXTERIOR WALL TO MIN 24"
5. 2 - FIBERGLASS OIL TANKS, STANDS AND CONCRETE BASE. SEE DETAILS SHEET M2.1 AND M2.2
6. 1" FUEL LINE
7. NEW DOUBLE WALL DAY TANK T-2 CW

- SUPPORTS**
8. NEW DRIP PAN. GALVANIZED STEEL, SIDES MIN 38MM HIGH UNDER TANK AND VALVES
  9. NEW VALVE (BV-1)
  10. DRAIN VALVE
  11. BLEED VALVE
  12. 2" FUEL LINE
  13. NEW WARMING PIPE (WP-1)
  14. NEW BRAIDED FEEL LINES TO APPLIANCE
  15. NEW FUSIBLE LINK
  16. NEW DE-AERATOR/FILTER

17. VENT TO TANK SEE OIL TANK ELEVATION B SHEET M2.1



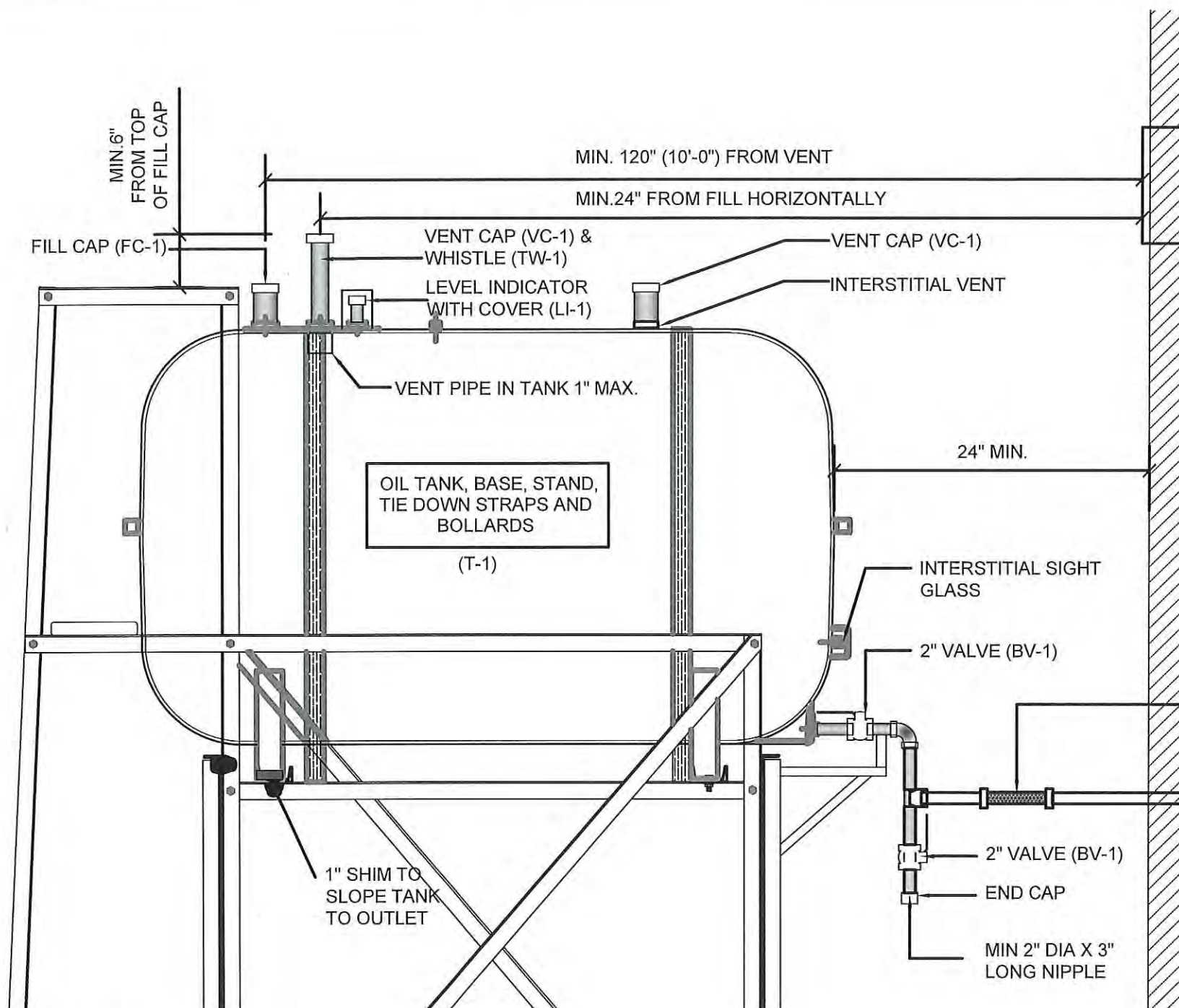
PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V148 - DETACHMENT  
SHEET TITLE:  
SCHEMATIC  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M3.0**  
REVISION NUMBER:  
00



**NOTES :**

1. ALL PIPE PASSING THOUGH OPENINGS IS TO BE PROTECTED WITH 2 LAYERS OF WEATHER RESISTANT TAPE.
2. LOCATE NEW FUEL OIL FILTER (IF REQUIRED) WITHIN 40" OF BURNER. IF FILTER MUST BE MORE THAN 40" AWAY, ADJUST FUSIBLE HEAD VALVE TO BE WITHIN 40" OF BURNER.
3. ALL PIPING TO BE PRE PAINTED. ONLY TOUCH UPS PERMITTED FOR STANDARD INSTALLATIONS.
4. ADD SIGNS AS PER ELEVATIONS
5. DOUBLE TANK CONFIGURATION: ONLY ONE TANK IS TO HAVE A FILL CAP INSTALLED. ADJACENT TANK IS TO HAVE FILL OPENING PLUGGED.
6. DOUBLE TANK CONFIGURATION: VENT WHISTLE TO BE INSTALLED ON TANK WITH FILL CAP. ADJACENT TANK TO HAVE VENT ONLY

01 TYPICAL TANK SCHEMATIC  
M3.1 SCALE: NTS



PROJECT TITLE:  
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET  
V148 - DETACHMENT  
SHEET TITLE:  
SCHEMATIC  
PROJECT NUMBER:  
16-028-14-30

00	ISSUED FOR TENDER	17 06 09	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
--------	----------	-----------------	---------

SCALE:  
AS NOTED  
DATE (YY MM DD):  
17 06 09

DRAWING NUMBER:  
**M3.1**  
REVISION NUMBER:  
00