

FUEL TANK REPAIR AND REPLACEMENT PROJECT CLYDE RIVER, NUNAVUT

DRAWING LIST:

V095 - RESIDENCE

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M1.1 CONSTRUCTION PLAN
M2.0 TANK ELEVATIONS
M2.1 2" FUEL LINE SUPPORT DETAIL
M3.0 SCHEMATIC

V116 - GARAGE

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M2.0 TANK ELEVATIONS
M2.1 2" FUEL LINE SUPPORT DETAILS
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V118 - FITNESS BUILDING

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M1.1 CONSTRUCTION PLAN
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M2.1 2" FUEL LINE SUPPORT DETAIL DOUBLE TANK
M3.0 SCHEMATIC
M3.1 SCHEMATIC - TANK DETAILS

V119 - FACILITY BUILDING

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M1.1 CONSTRUCTION PLAN
M2.0 TANK ELEVATIONS
M2.1 2" FUEL LINE SUPPORT DETAIL
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M3.1 SCHEMATIC

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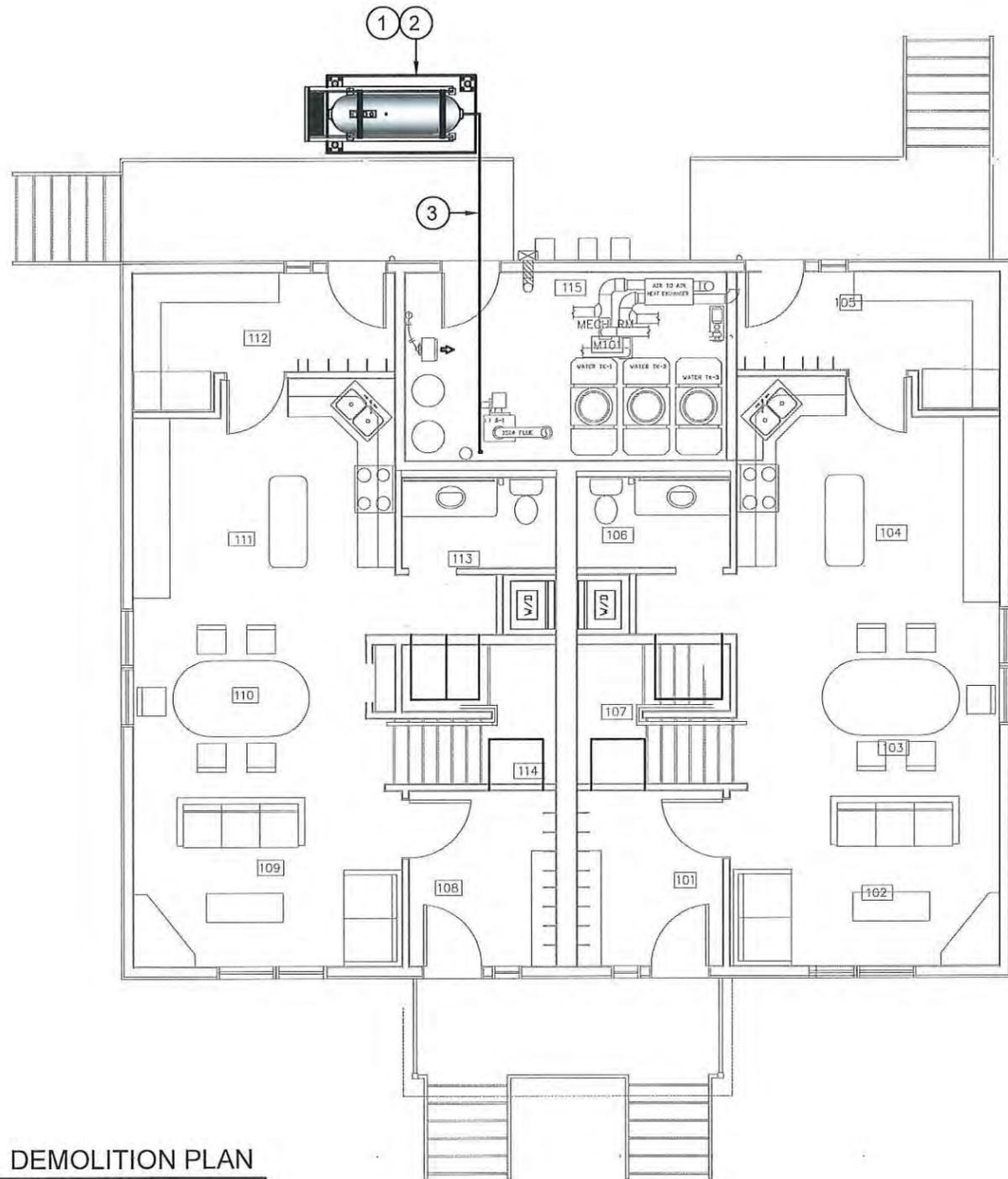
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
SHEET TITLE:
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PROJECT NUMBER:
16-028-14-30

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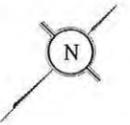
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DEMOLITION NOTES: #

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"

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Date *4.6.18*
PERMIT NUMBER: P 647
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PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V095 - DUPLEX RESIDENCE, CLYDE RIVER
SHEET TITLE:
DEMOLITION PLAN
PROJECT NUMBER:
16-028-14-30

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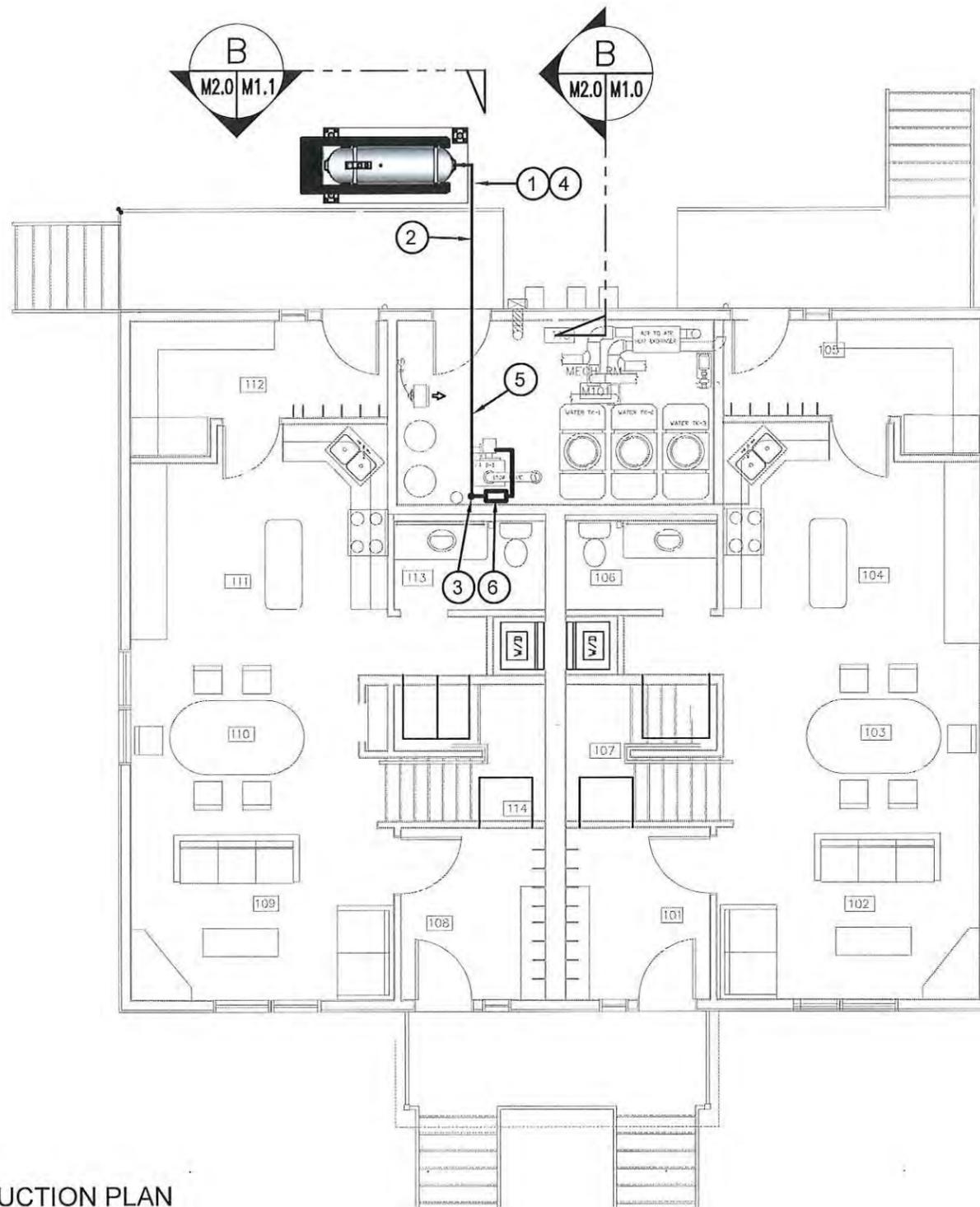
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M1.0

REVISION NUMBER:
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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. INSTALL PIPE HANGERS AS REQUIRED TO SUPPORT PIPING UNDER DUPLEX
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK #3 - SEE STRUCTURAL FOR DETAILS.
5. INSTALL NEW 2" DIA SCH 40 PIPE AND HANGERS AS PER SPECIFICATION
6. INSTALL NEW WARMING PIPE, FUEL FILTER, FUSIBLE LINK, TIGER LOOP AND DRIP TRAYS. AS PER SHEET M3.0.



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

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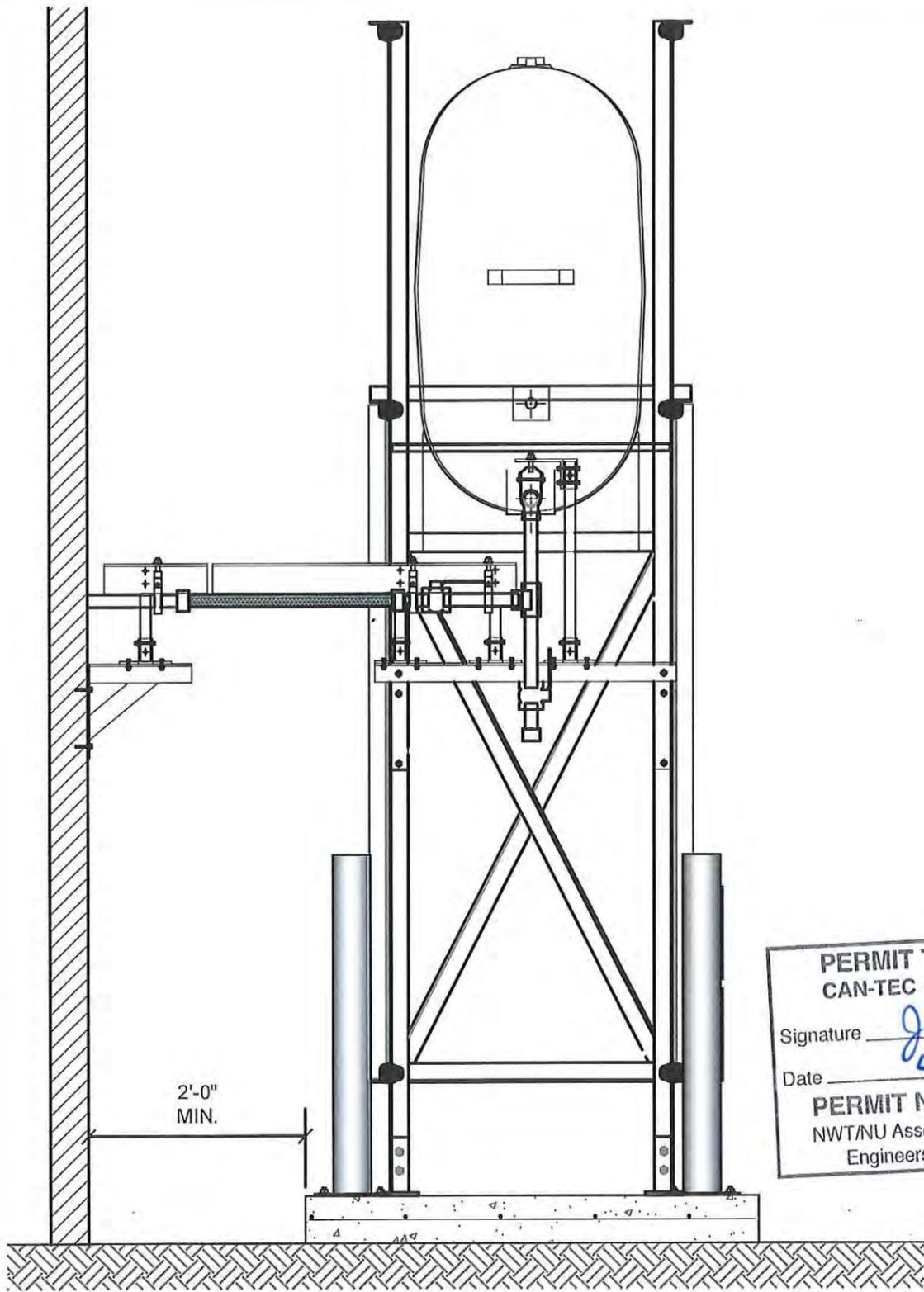
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V095 - DUPLEX RESIDENCE , CLYDE RIVER
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CONSTRUCTION PLAN
PROJECT NUMBER:
16-028-14-30

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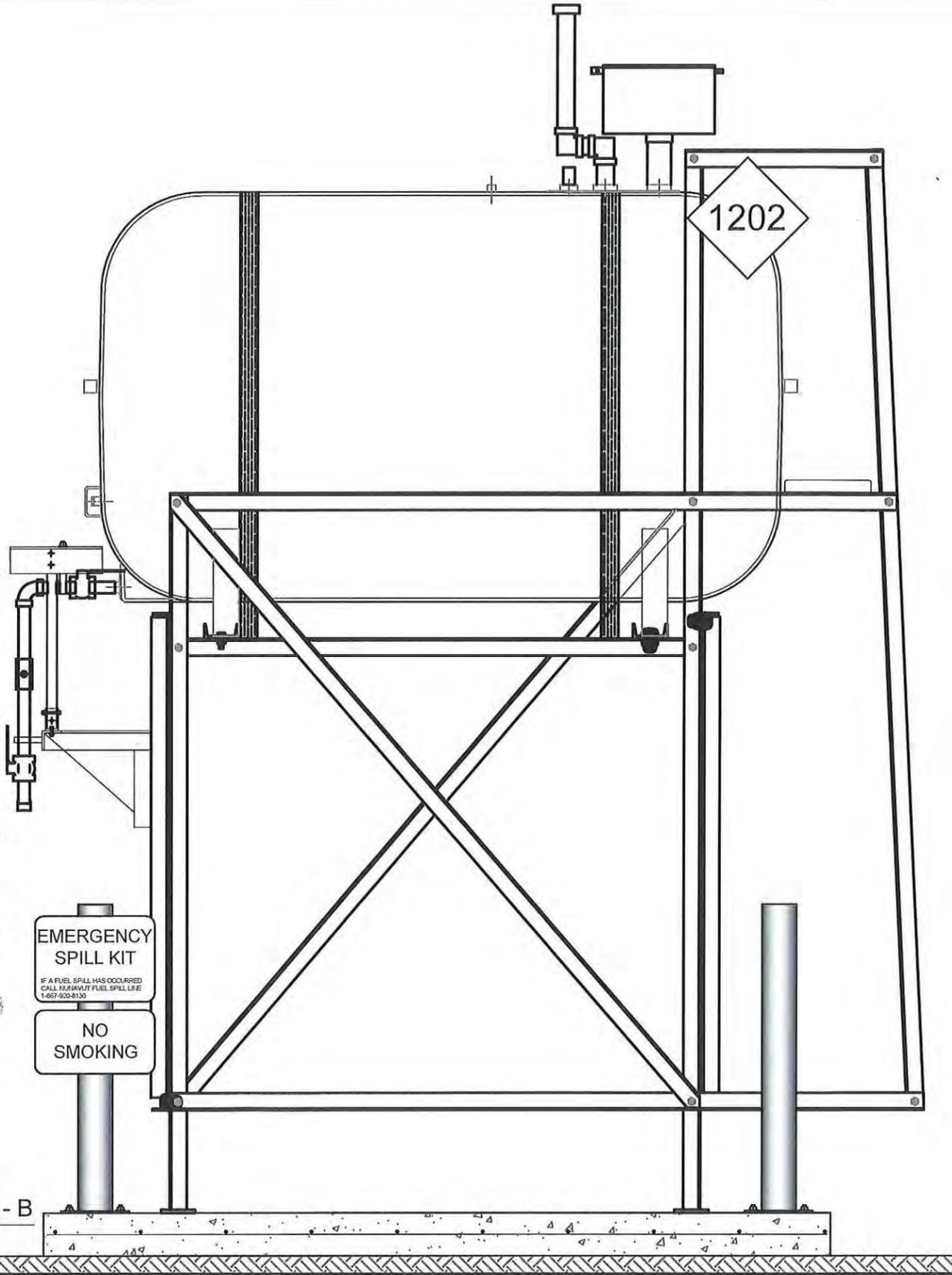
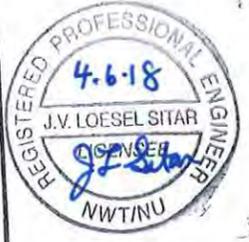
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DRAWING NUMBER:
M1.1
REVISION NUMBER:
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01 OIL TANK ELEVATION - A
M2.0 SCALE: 3/4"-1'-0"

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

**EMERGENCY
SPILL KIT**
IF A FUEL SPILL HAS OCCURRED
CALL NWT/NU FUEL SPILL LINE
1-667-920-8130
**NO
SMOKING**



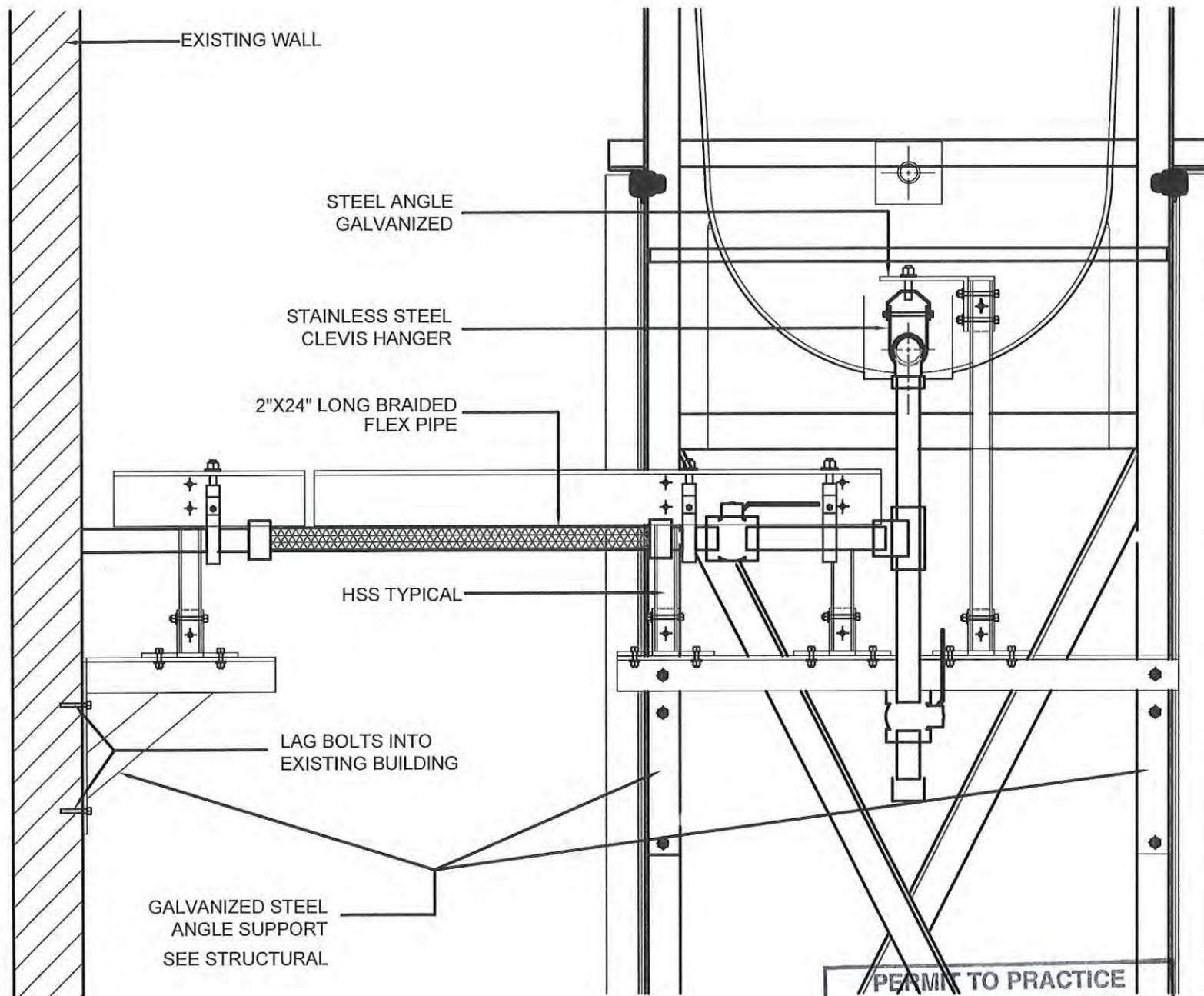
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V095 - DUPLEX RESIDENCE, CLYDE RIVER
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TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

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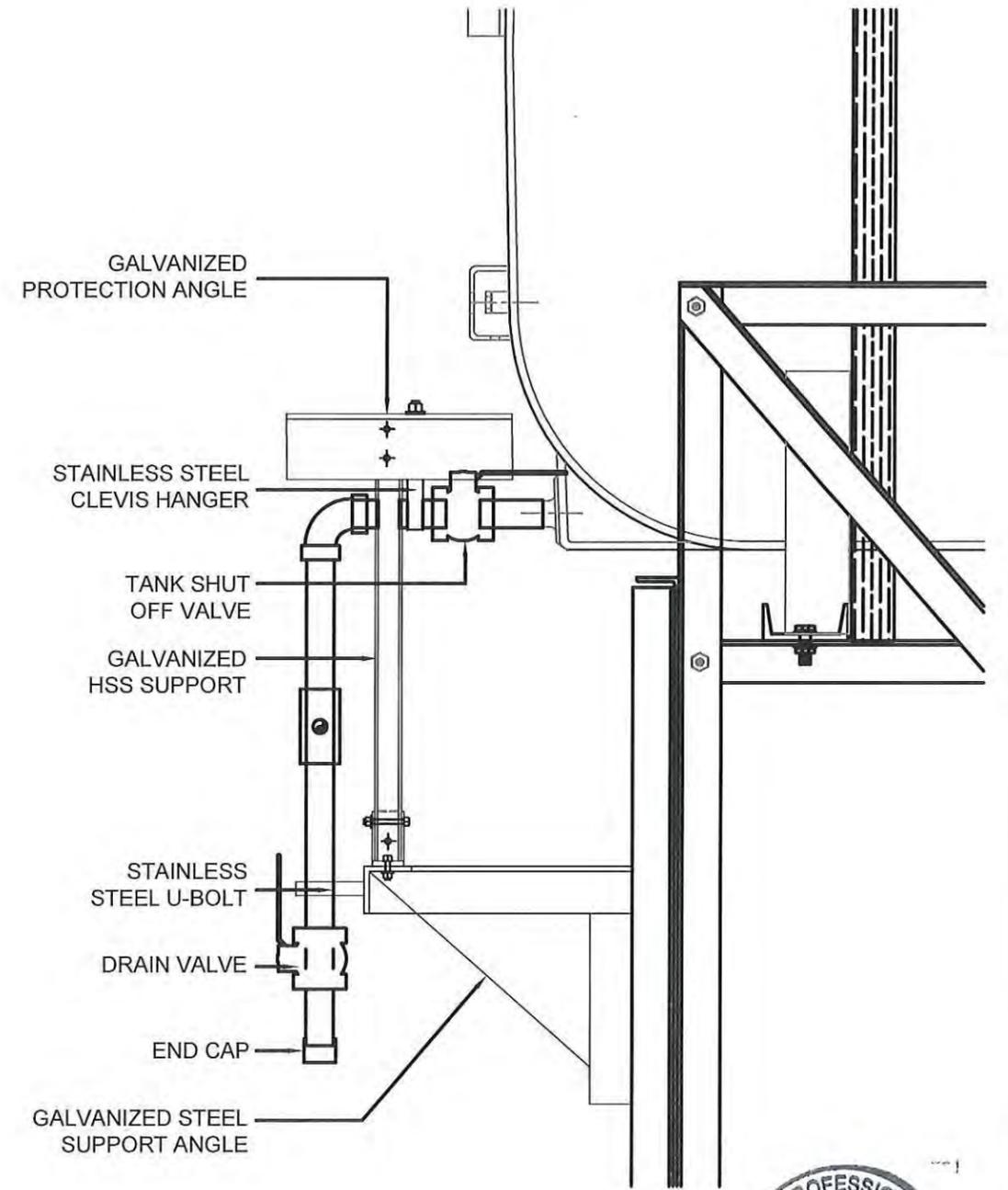
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DRAWING NUMBER:
M2.0
REVISION NUMBER:
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01 FRONT VIEW
M2.1 SCALE: 1 1/2"-1'-0"

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



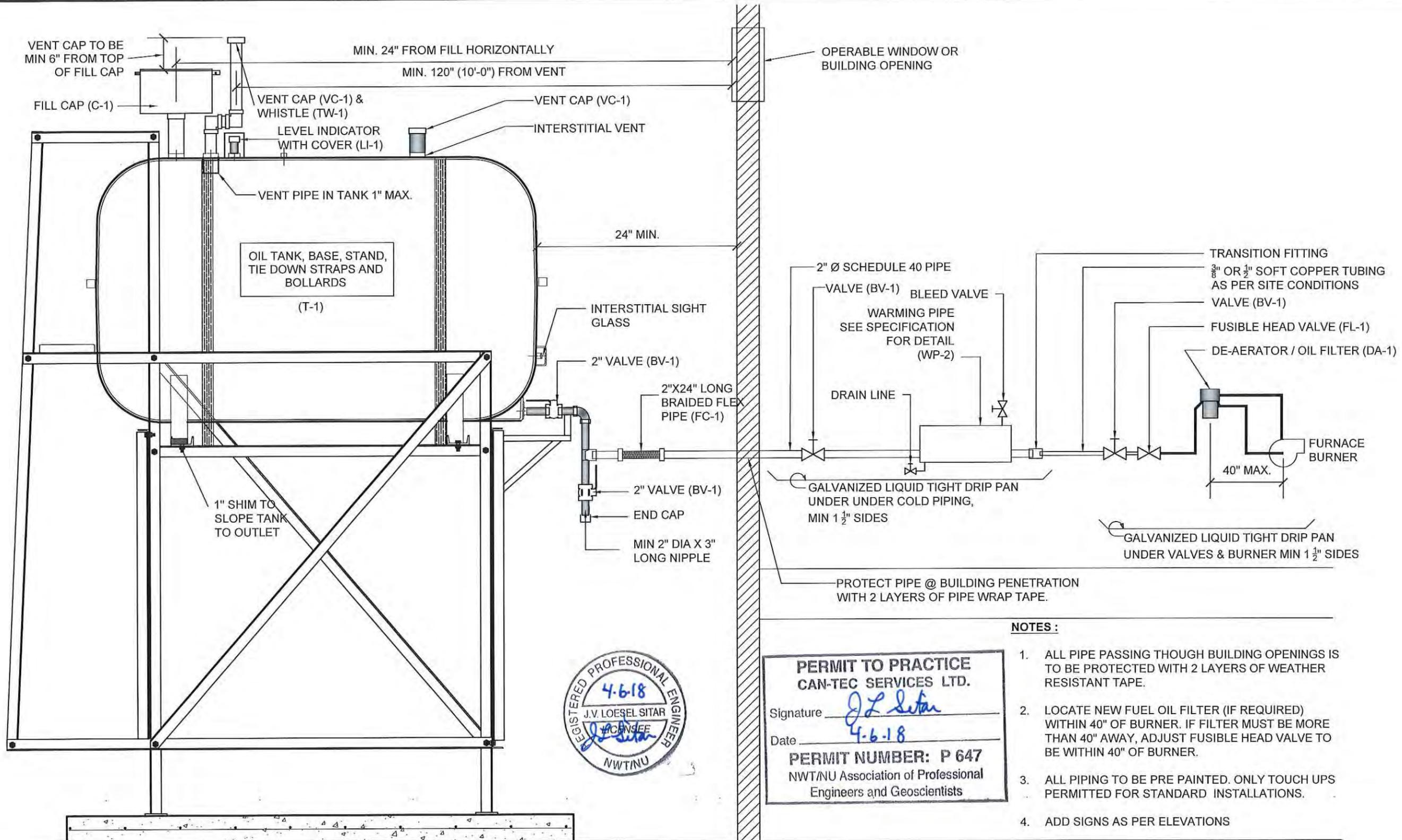
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V095 - DUPLEX RESIDENCE, CLYDE RIVER
SHEET TITLE:
2" FUEL LINE SUPPORT DETAILS
PROJECT NUMBER:
16-028-14-30

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SCALE:
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DATE (YY MM DD):
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DRAWING NUMBER:
M2.1
REVISION NUMBER:
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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 SIGNS AS PER ELEVATIONS

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



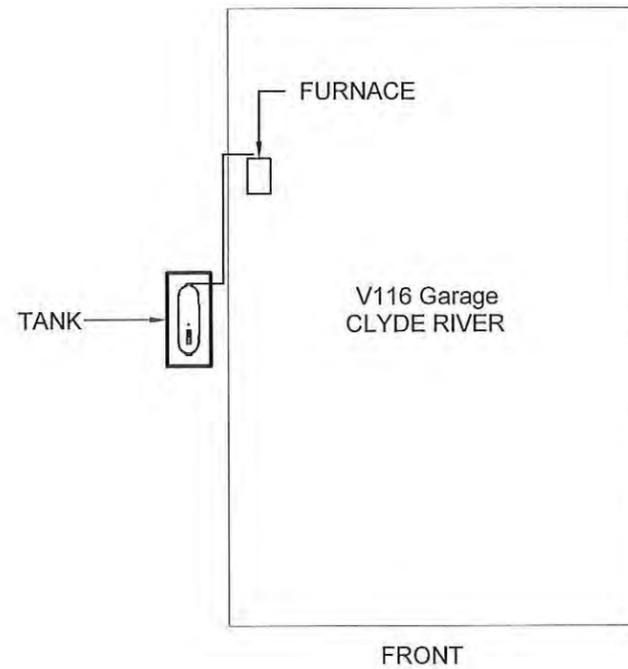
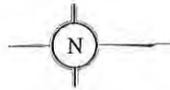
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 RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
 V095 - DUPLEX RESIDENCE , CLYDE RIVER
 SHEET TITLE:
 SCHEMATIC
 PROJECT NUMBER:
 16-028-14-30

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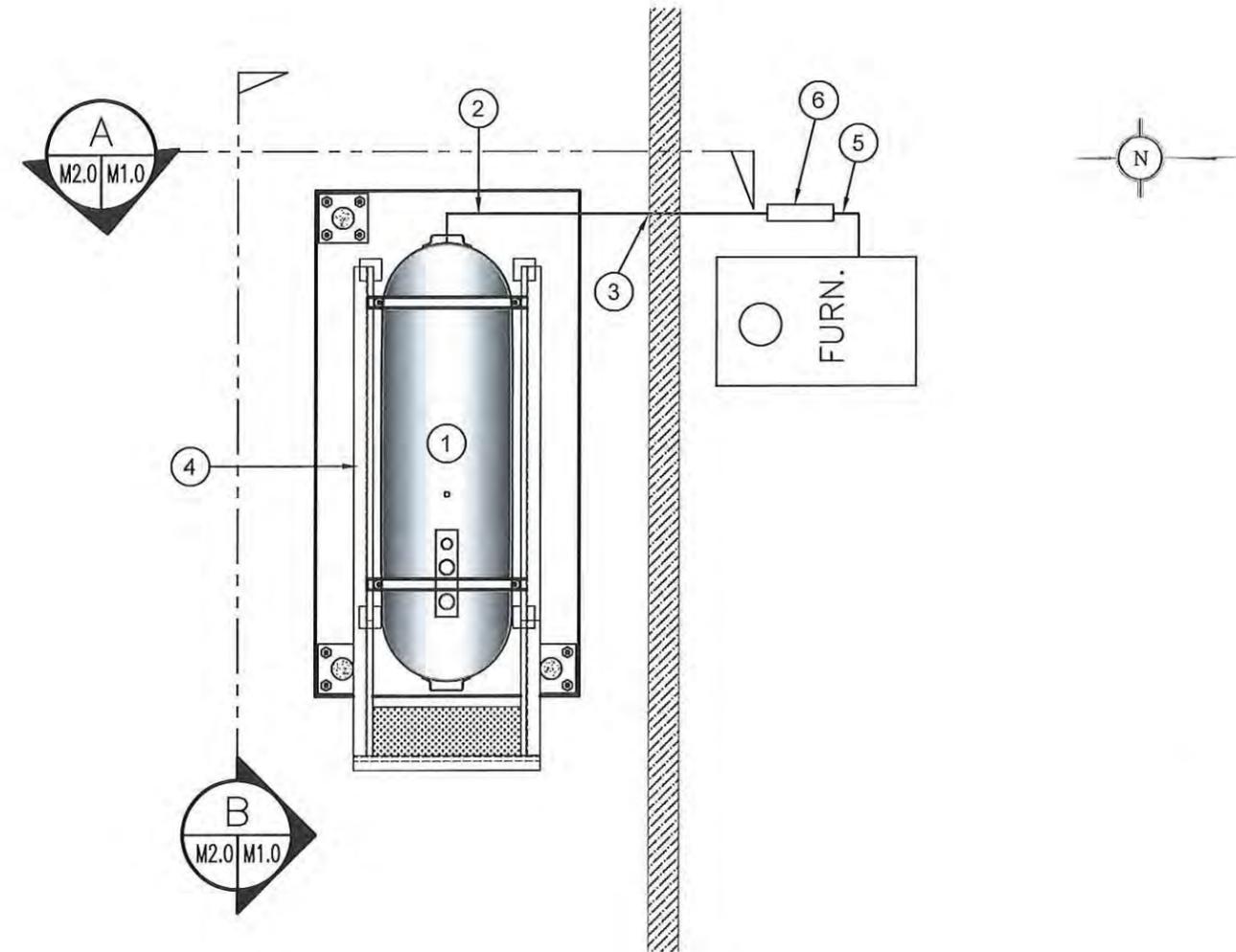
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M3.0
 REVISION NUMBER:
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01 DEMOLITION PLAN
M1.0 SCALE: NTS

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 M2.0.
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND #2 SEE STRUCTURAL FOR DETAILS
5. INSTALL NEW PIPING, FUSIBLE LINK, TIGER/LOOP DE-AREATOR AND VALVES TO EXISTING BURNER
6. INSTALL NEW WARMING TANK (WP-2)

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PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V116 - GARAGE, CLYDE RIVER
SHEET TITLE:
DEMOLITION AND CONSTRUCTION PLAN
PROJECT NUMBER:
16-028-14-30

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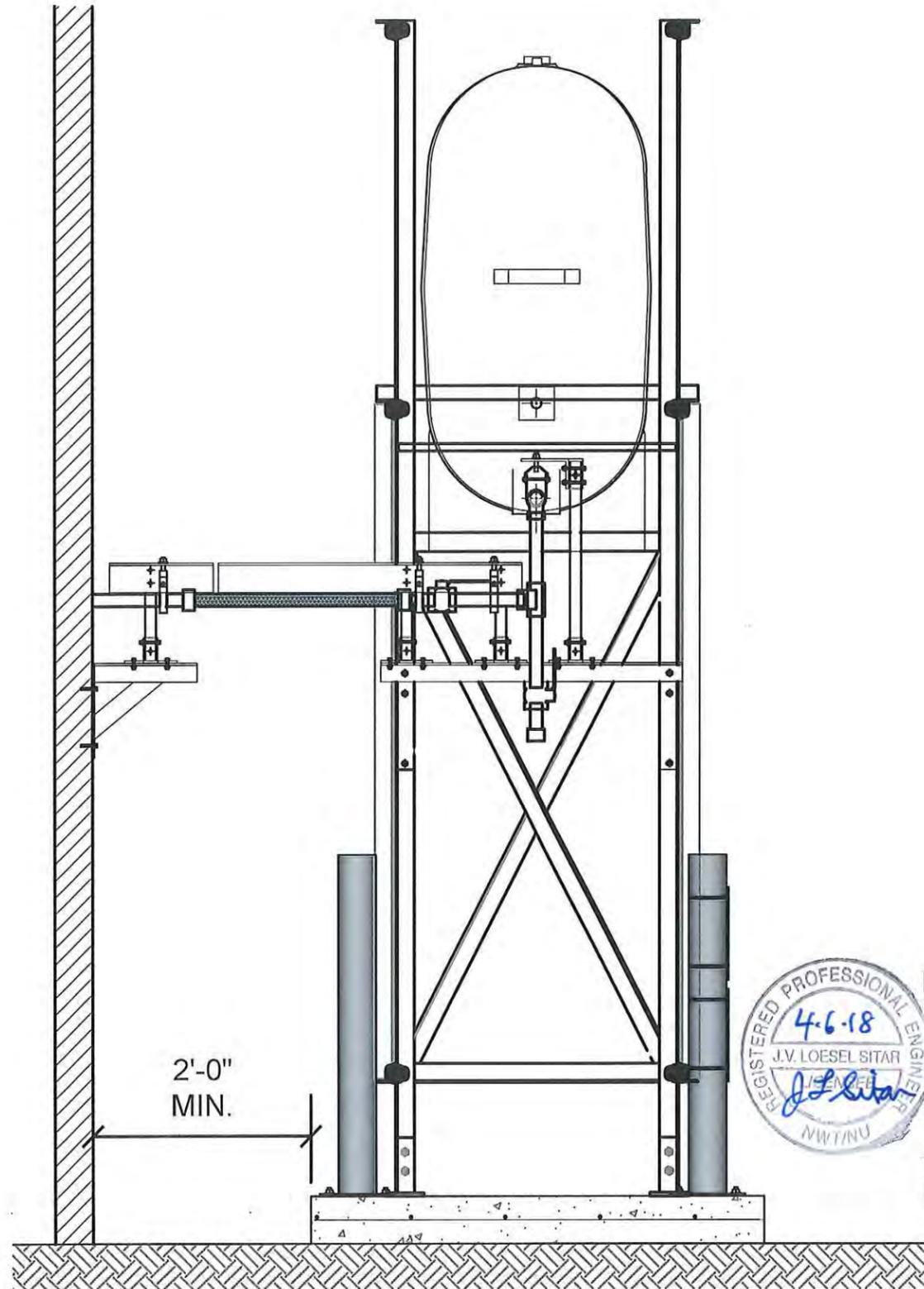
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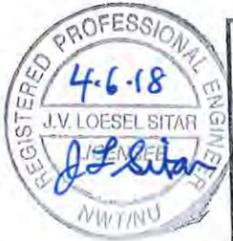
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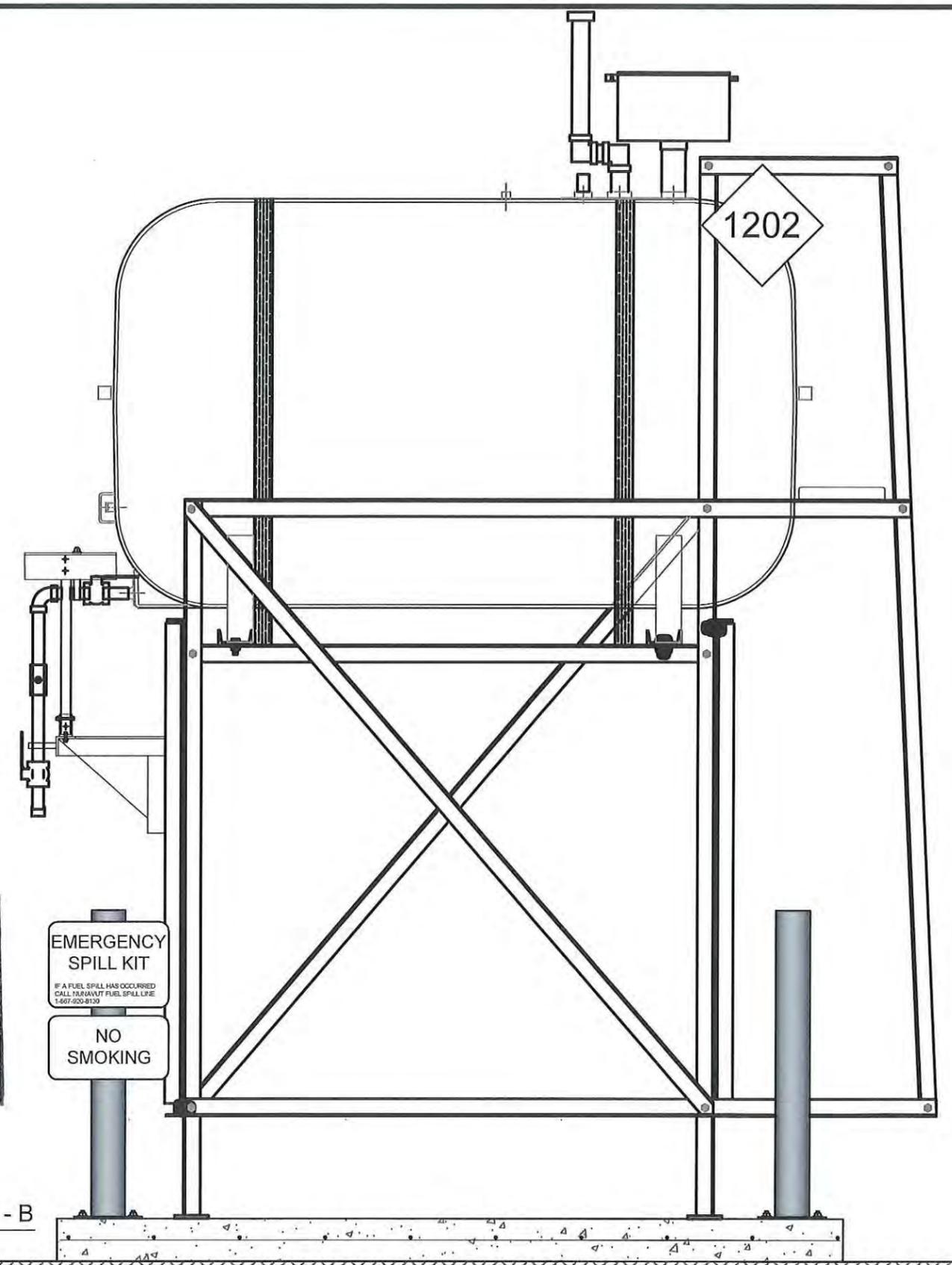


01 OIL TANK ELEVATION - A
M2.0 SCALE: 3/4"-1'-0"



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



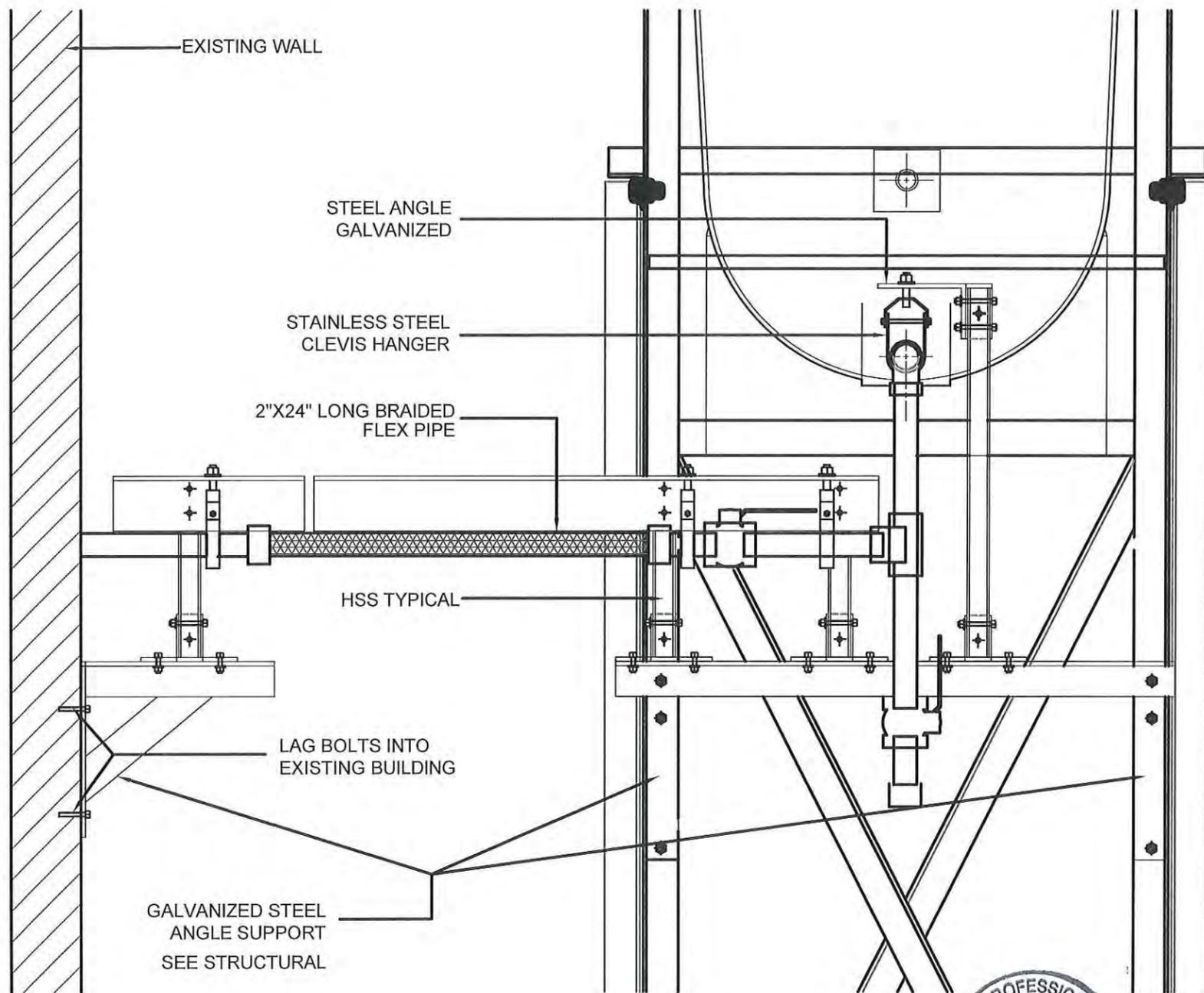
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V116 - GARAGE, CLYDE RIVER
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

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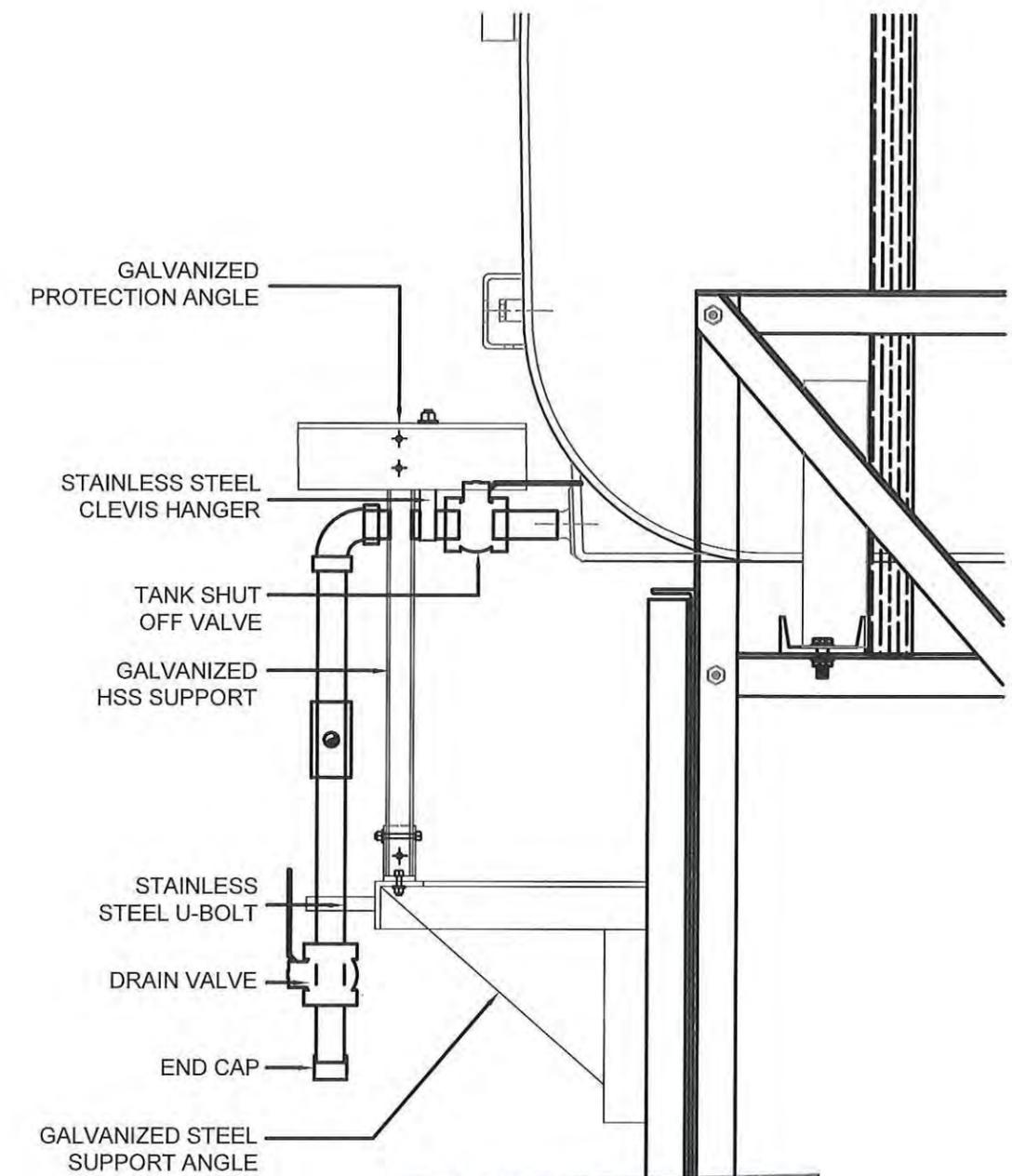
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:
AS NOTED
DATE (YY MM DD):
17 03 01

DRAWING NUMBER:
M2.0
REVISION NUMBER:
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01 FRONT VIEW
M2.1 SCALE: 1 1/2"=1'-0"



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

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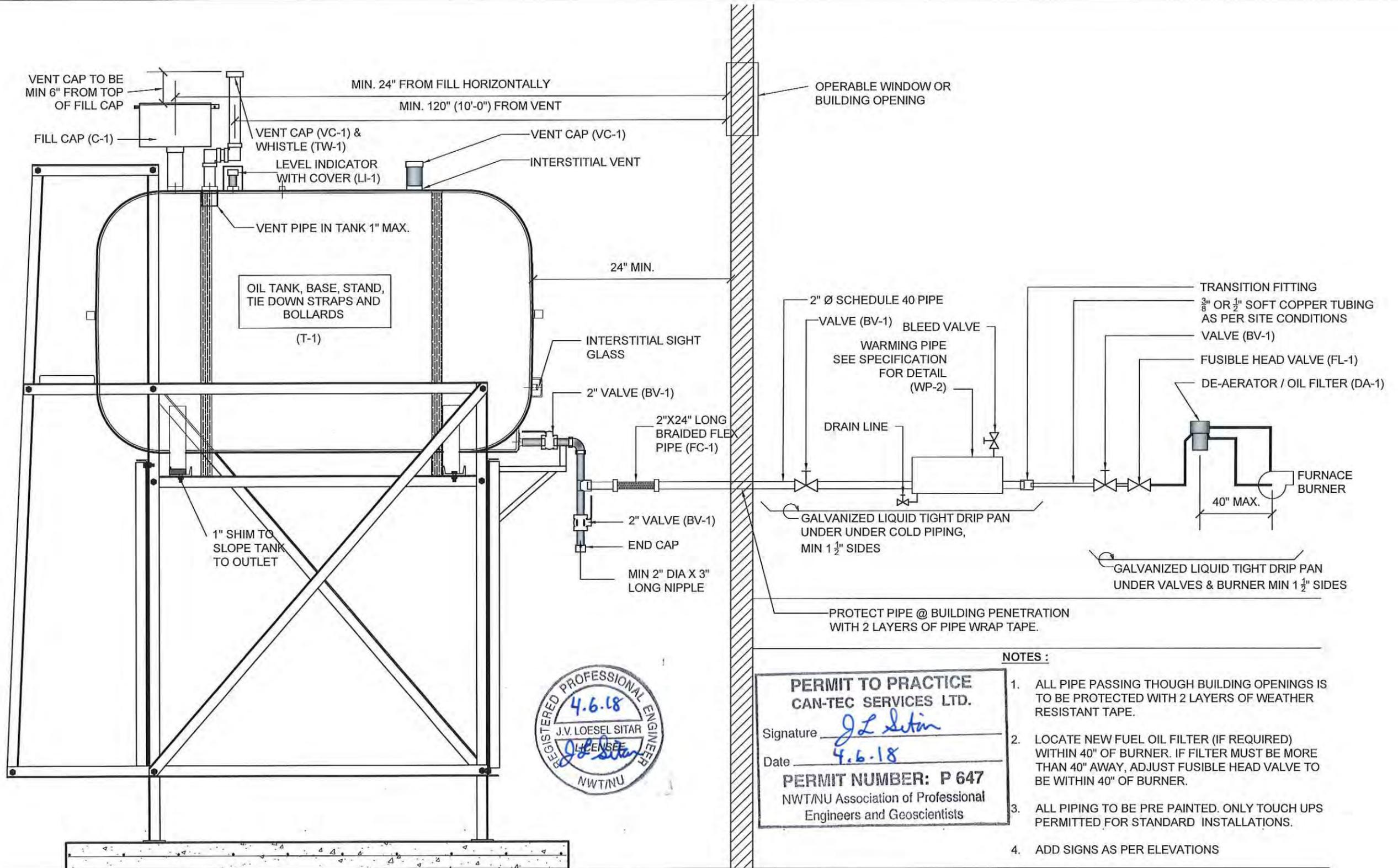
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V116 - GARAGE, CLYDE RIVER
SHEET TITLE:
2" FUEL LINE SUPPORT DETAIL
PROJECT NUMBER:
16-028-14-30

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SCALE:
AS NOTED
DATE (YY MM DD):
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DRAWING NUMBER:
M2.1
REVISION NUMBER:
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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 SIGNS AS PER ELEVATIONS

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



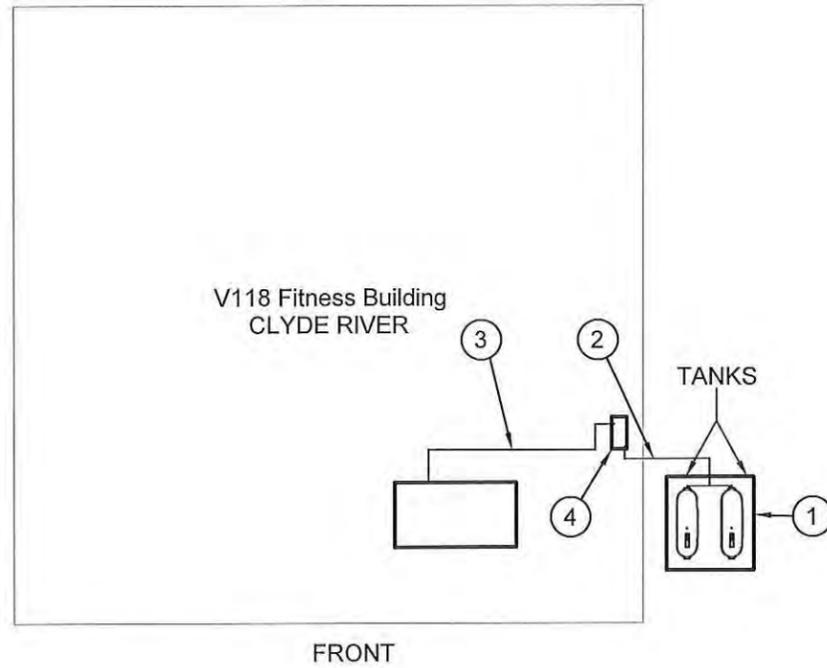
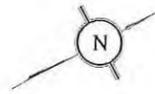
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 RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
 V116 - GARAGE , CLYDE RIVER
 SHEET TITLE:
 SCHEMATIC
 PROJECT NUMBER:
 16-028-14-30

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DRAWING NUMBER:
M3.0
 REVISION NUMBER:
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01 DEMOLITION PLAN
M1.0 SCALE: NTS

DRAWING NOTES: (#)

1. REMOVE EXISTING OIL TANK, STAND AND BASE
2. REMOVE EXISTING PIPING AND SUPPORTS INTO BUILDING
3. REMOVE ALL INTERIOR PIPING
4. REMOVE EXISTING DAY TANK

DEMOLITION NOTES:

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



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PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V118 - FITNESS BUILDING , CLYDE RIVER
SHEET TITLE:
DEMOLITION PLAN
PROJECT NUMBER:
16-028-14-30

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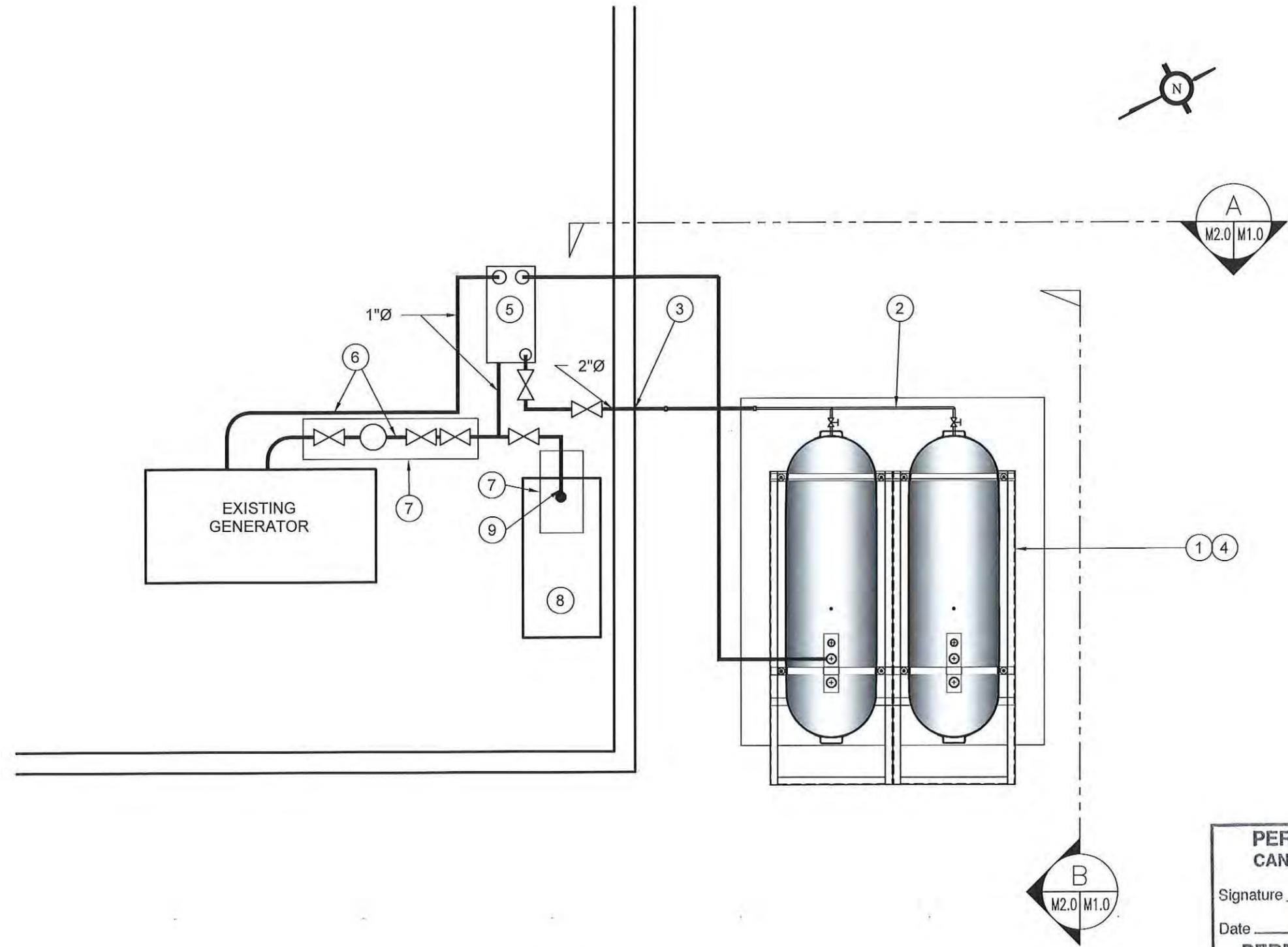
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DATE (YY MM DD):
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DRAWING NUMBER:
M1.0
REVISION NUMBER:
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CONSTRUCTION NOTES: #

1. INSTALL NEW OIL TANKS, STAND AND CONCRETE PAD. SEE SHEET M2.0.
2. INSTALL NEW PIPING SUPPORT AS PER SHEET M2.1
3. CAULK ENTRY INTO BUILDING.
4. INSTALL TANKS STAND #5 - SEE STRUCTURAL FOR DETAILS.
5. NEW DOUBLE WALL DAY TANK (T-2) 75L CAPACITY CW SUPPORTS.
6. SUPPORT PIPING FROM FLOOR.
7. NEW DRIP TRAY
8. EXISTING FURNACE LOCATED AT CEILING
9. NEW PIPING TO FURNACE



01 CONSTRUCTION PLAN
M1.1 SCALE: NTS

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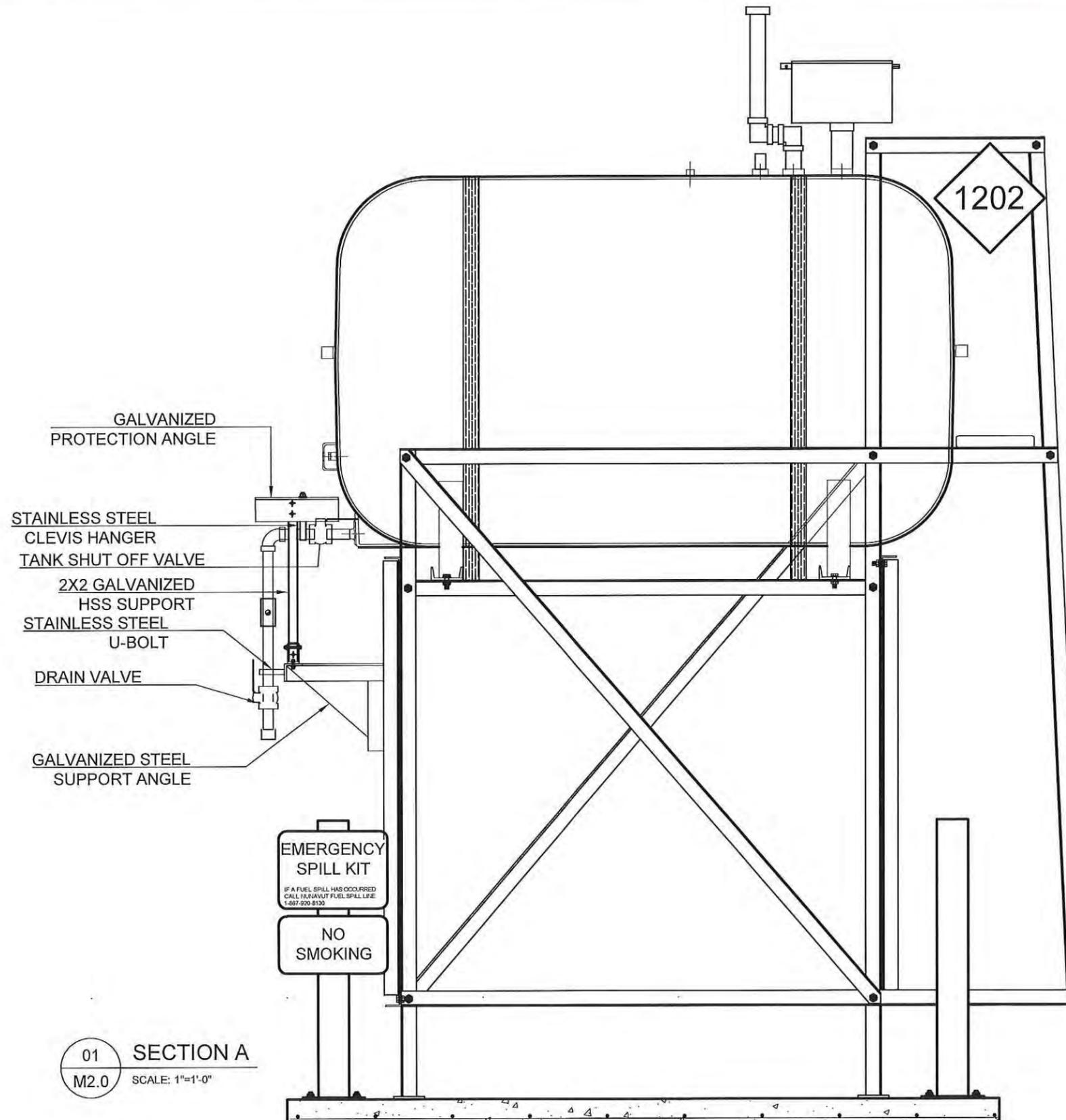
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V118 - FITNESS BUILDING , CLYDE RIVER
SHEET TITLE:
CONSTRUCTION PLAN
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SCALE:
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DRAWING NUMBER:
M1.1
REVISION NUMBER:
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01 SECTION A
 M2.0 SCALE: 1"=1'-0"

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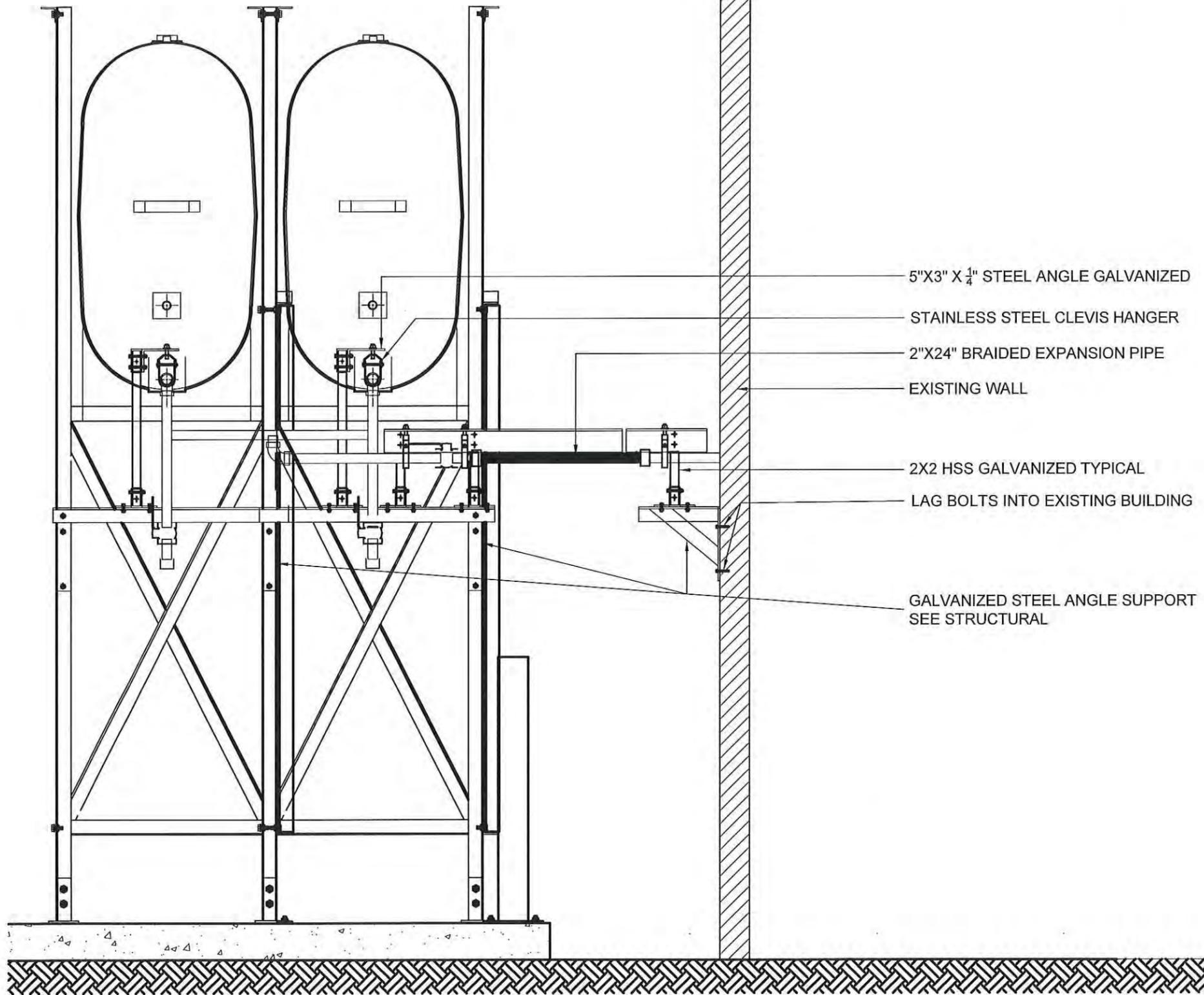
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 V118 - FITNESS BUILDING, CLYDE RIVER
 SHEET TITLE:
 TANK ELEVATIONS
 PROJECT NUMBER:
 16-028-14-30

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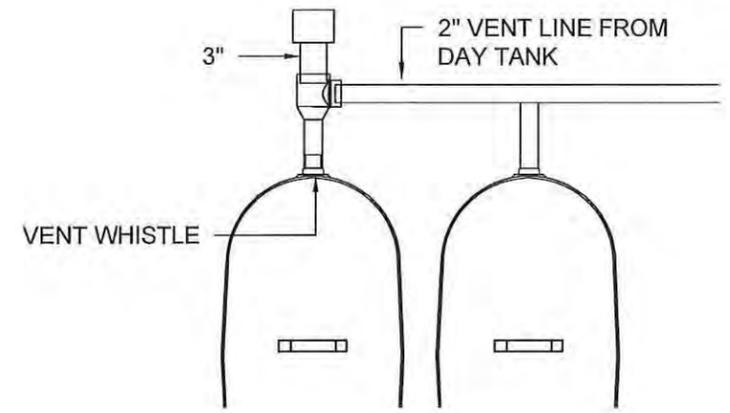
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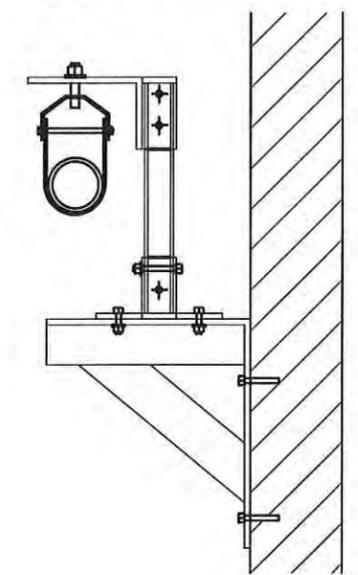
DRAWING NUMBER:
M2.0
 REVISION NUMBER:
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- 5"X3" X 1/4" STEEL ANGLE GALVANIZED
- STAINLESS STEEL CLEVIS HANGER
- 2"X24" BRAIDED EXPANSION PIPE
- EXISTING WALL
- 2X2 HSS GALVANIZED TYPICAL
- LAG BOLTS INTO EXISTING BUILDING
- GALVANIZED STEEL ANGLE SUPPORT SEE STRUCTURAL



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



03 WALL PIPE SUPPORT
M2.1 SCALE: 1/2"=1'-0"

01 SECTION B
M2.1 SCALE: 3/4"=1'-0"



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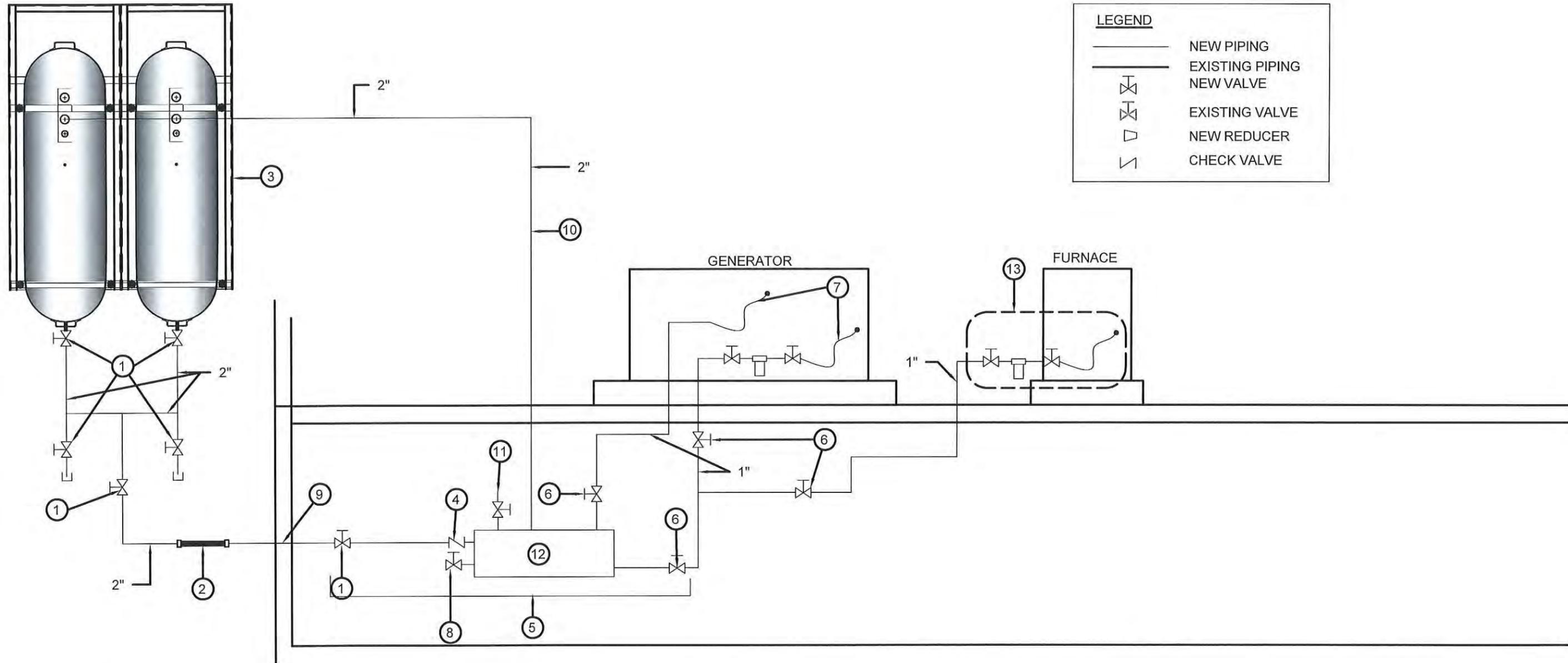
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V118 - FITNESS BUILDING, CLYDE RIVER
SHEET TITLE:
2" FUEL LINE SUPPORT DETAIL - DOUBLE TANK
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00	ISSUED FOR TENDER	18 05 18	JLS

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

DRAWING NUMBER:
M2.1
REVISION NUMBER:
00



LEGEND	
	NEW PIPING
	EXISTING PIPING
	NEW VALVE
	EXISTING VALVE
	NEW REDUCER
	CHECK VALVE

DRAWING NOTES: (#)

- | | |
|---|--|
| <ul style="list-style-type: none"> 1. NEW VALVE 2" (BV-1) 2. 2"X24" LONG BRAIDED FLEX PIPE (FC-1) 3. TWO - FIBERGLASS OIL TANKS, STANDS AND CONCRETE BASE. SEE DETAILS SHEET M2.1 AND M2.2 4. CHECK VALVE 5. NEW DRIP PAN. GALVANIZED STEEL, SIDES MIN 38MM HIGH, UNDER TANK AND VALVES 6. NEW VALVE (BV-1) 7. NEW FUEL LINE | <ul style="list-style-type: none"> 8. DRAIN VALVE 9. APPLY 2 LAYERS OF PIPE TAPE FOR PIPE GOING THROUGH EXTERIOR WALL 10. NEW VENT TO TANK SEE DETAIL M2.1 11. BLEED VALVE 12. NEW DOUBLE WALL DAY TANK T-2 75L VOLUME. TANK MUST FIT IN CRAWLSPACE. CONTRACTOR TO SITE VERIFY 13. SEE DETAIL 2 SHEET M3.1 |
|---|--|



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Date 4.6.18

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PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V118 - FITNESS BUILDING, CLYDE RIVER

SHEET TITLE:
SCHEMATIC - TANK, PIPING & ACCESSORIES

PROJECT NUMBER:
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	18 05 18	JLS

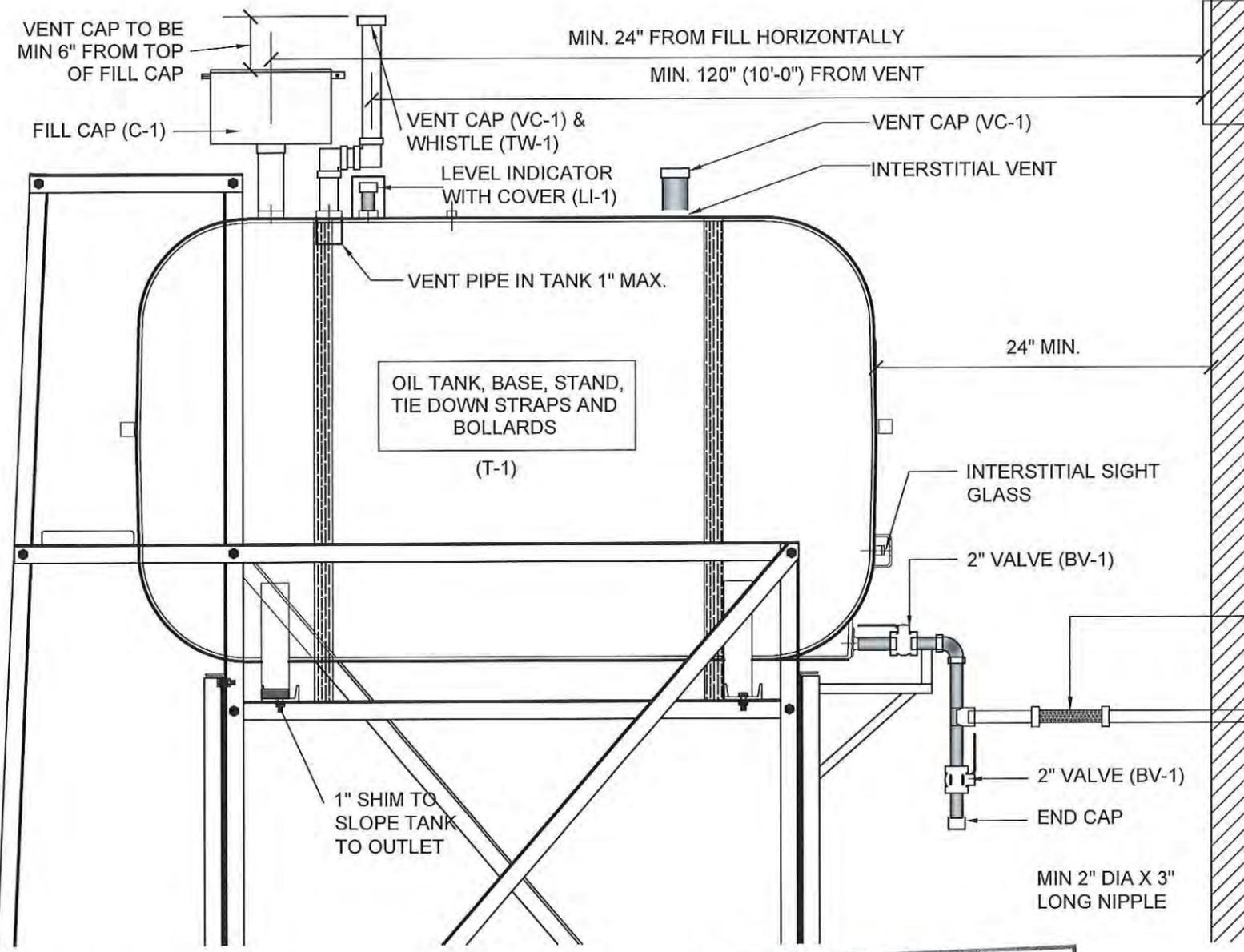
REV. #	REVISION	DATE (YY MM DD)	REV. BY

SCALE:
AS NOTED

DATE (YY MM DD):
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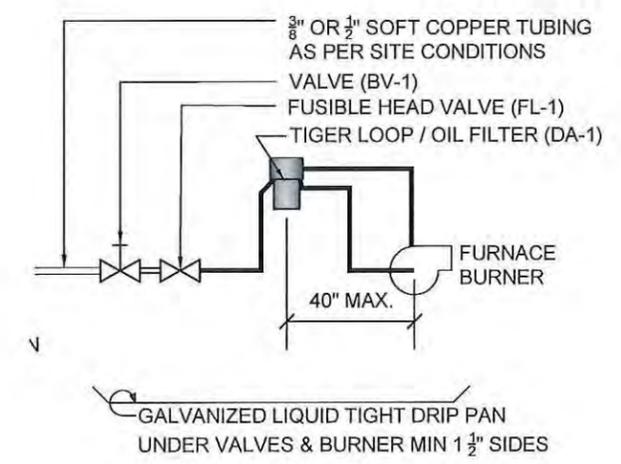
DRAWING NUMBER:
M3.0

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

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02 SCHEMATIC - PIPING TO APPLIANCE BURNER
M3.1 SCALE: NTS



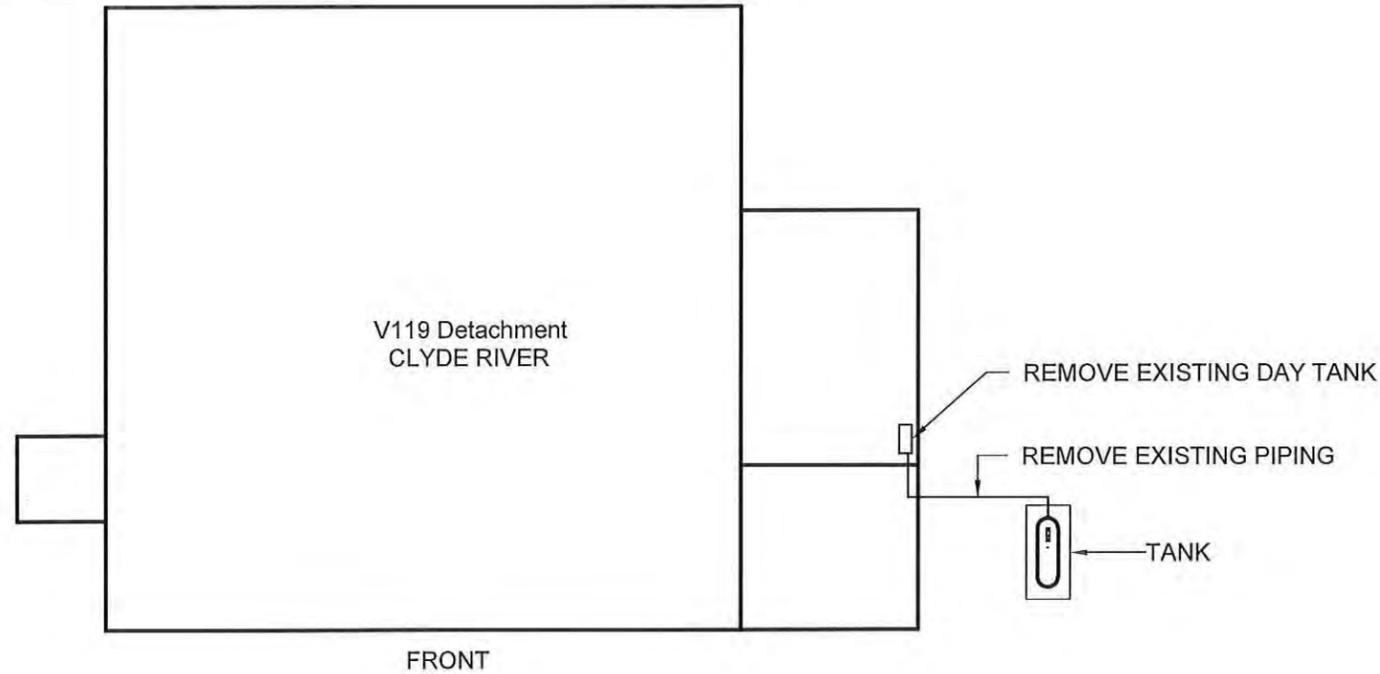
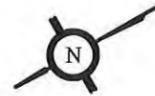
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V118 - FITNESS BUILDING , CLYDE RIVER
SHEET TITLE:
SCHEMATIC - TANK, PIPING & ACCESSORIES
PROJECT NUMBER:
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR REVIEW FOR TENDER	18 05 18	JLS

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

SCALE:
AS NOTED
DATE (YY MM DD):
17 05 09

DRAWING NUMBER:
M3.1
REVISION NUMBER:
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01 DEMOLITION PLAN
M1.0 SCALE: NTS

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Date 4.6.18
PERMIT NUMBER: P 647
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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 AND DAY TANK AND DISPOSE OF AS PER LOCAL REGULATIONS



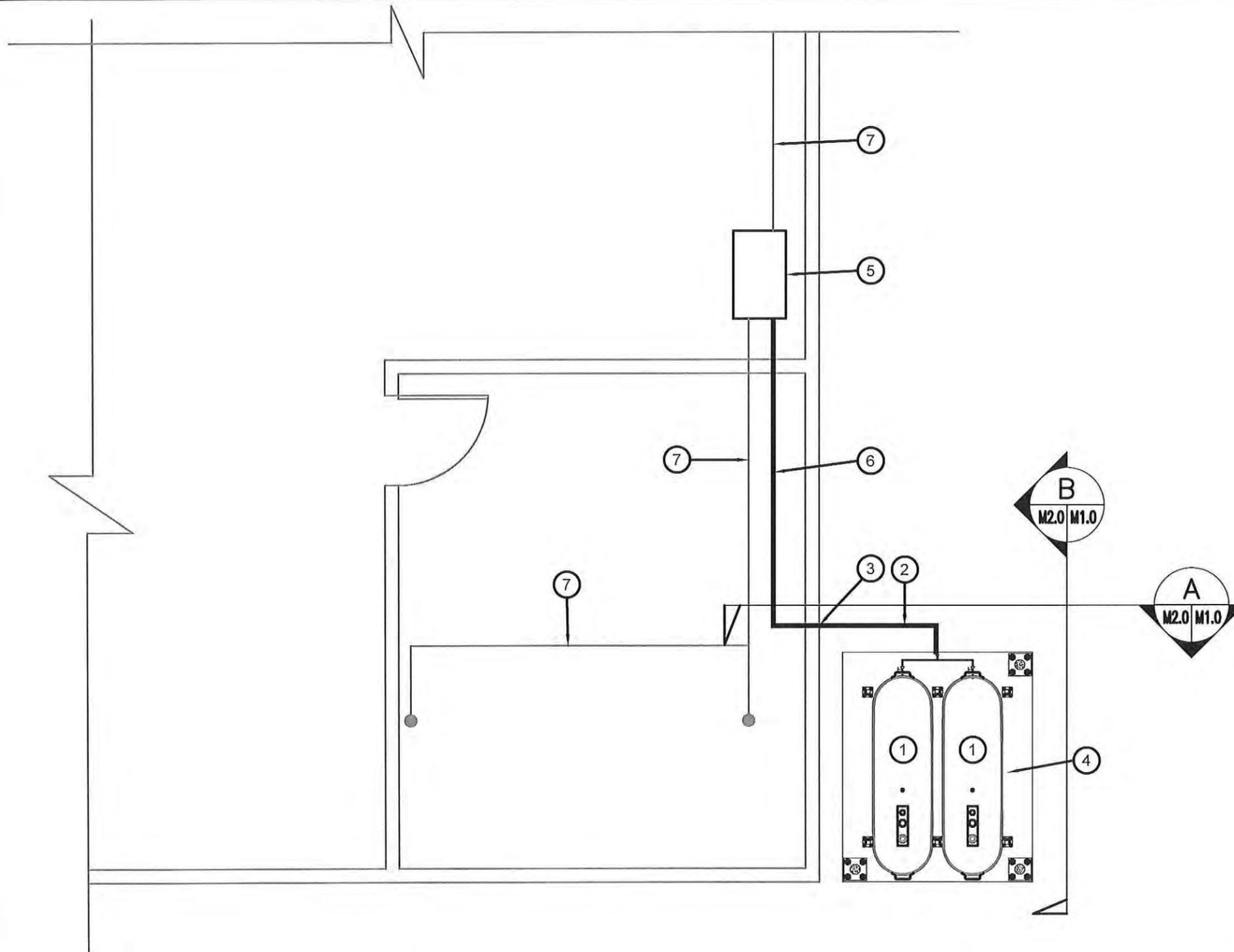
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V119 - DETACHMENT, CLYDE RIVER
SHEET TITLE:
DEMOLITION PLAN
PROJECT NUMBER:
16-028-14-30

00	ISSUED FOR TENDER	18 05 18	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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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
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND #5 SEE STRUCTURAL FOR DETAILS
5. INSTALL NEW DAY TANK (WP-1)
6. NEW 2" DIA PIPE TO NEW DAY TANK
7. EXISTING 1"Ø PIPE

01 CONSTRUCTION PLAN CRAWL SPACE
M1.1 SCALE: 1/4"=1'-0"



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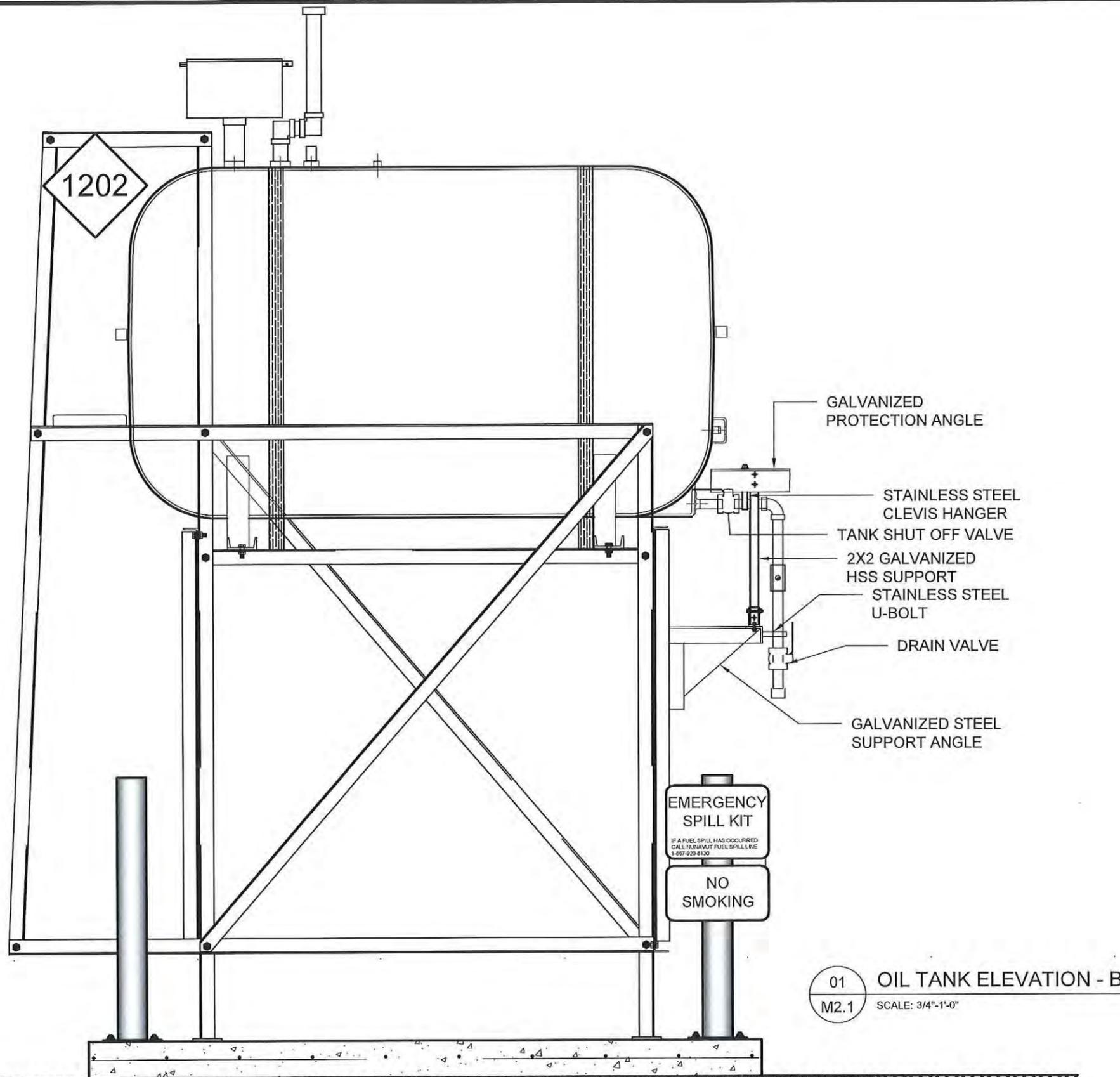
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V119 - DETACHMENT, CLYDE RIVER
SHEET TITLE:
CONSTRUCTION PLAN
PROJECT NUMBER:
16-028-14-30

00	ISSUED FOR TENDER	18 05 18	JLS
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REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
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DRAWING NUMBER:
M1.1
REVISION NUMBER:
00



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

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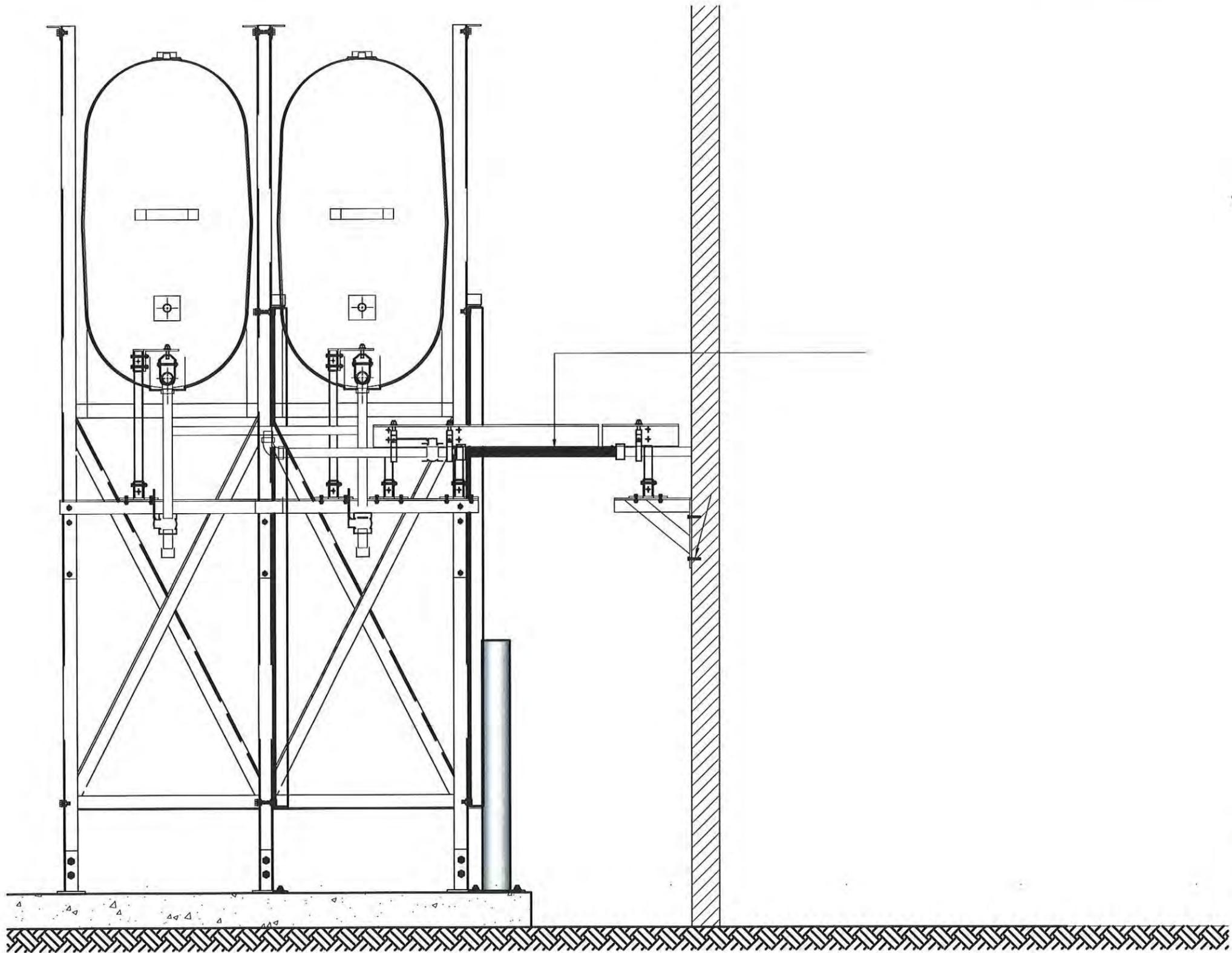
PROJECT TITLE:
 RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
 V119 - DETACHMENT, CLYDE RIVER
 SHEET TITLE:
 2" FUEL LINE SUPPORT DETAIL
 PROJECT NUMBER:
 16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	18 05 18	JLS

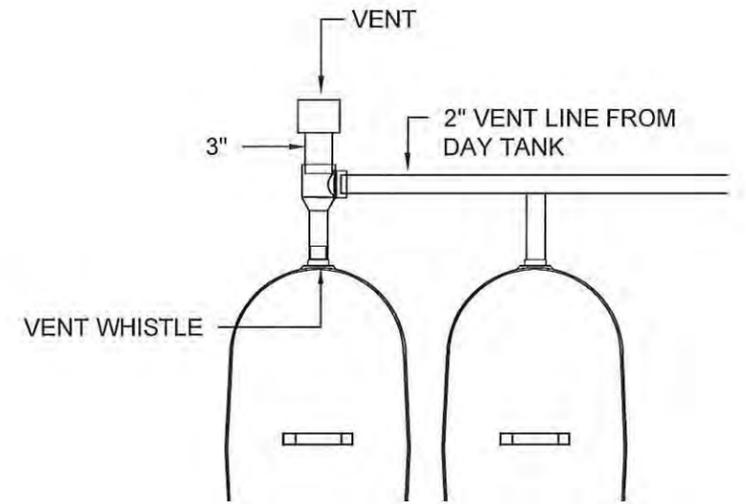
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SCALE:
 AS NOTED
 DATE (YY MM DD):
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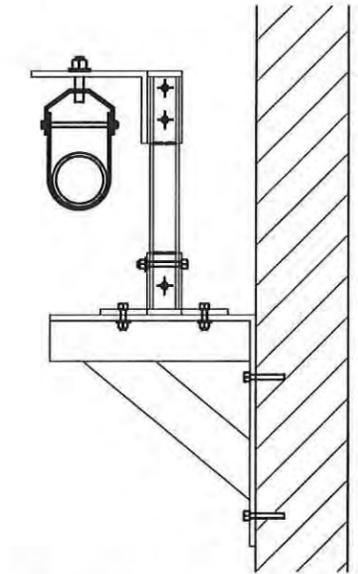
DRAWING NUMBER:
M2.0
 REVISION NUMBER:
 00



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



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



03 WALL PIPE SUPPORT
M2.1 SCALE: 1/2"=1'-0"

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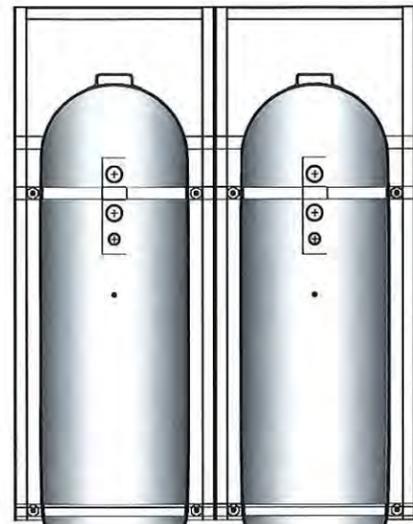
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V119 - DETACHMENT, CLYDE RIVER
SHEET TITLE
TANK ELEVATIONS
PROJECT NUMBER
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	18 05 18	JLS

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

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

DRAWING NUMBER:
M2.1
REVISION NUMBER:
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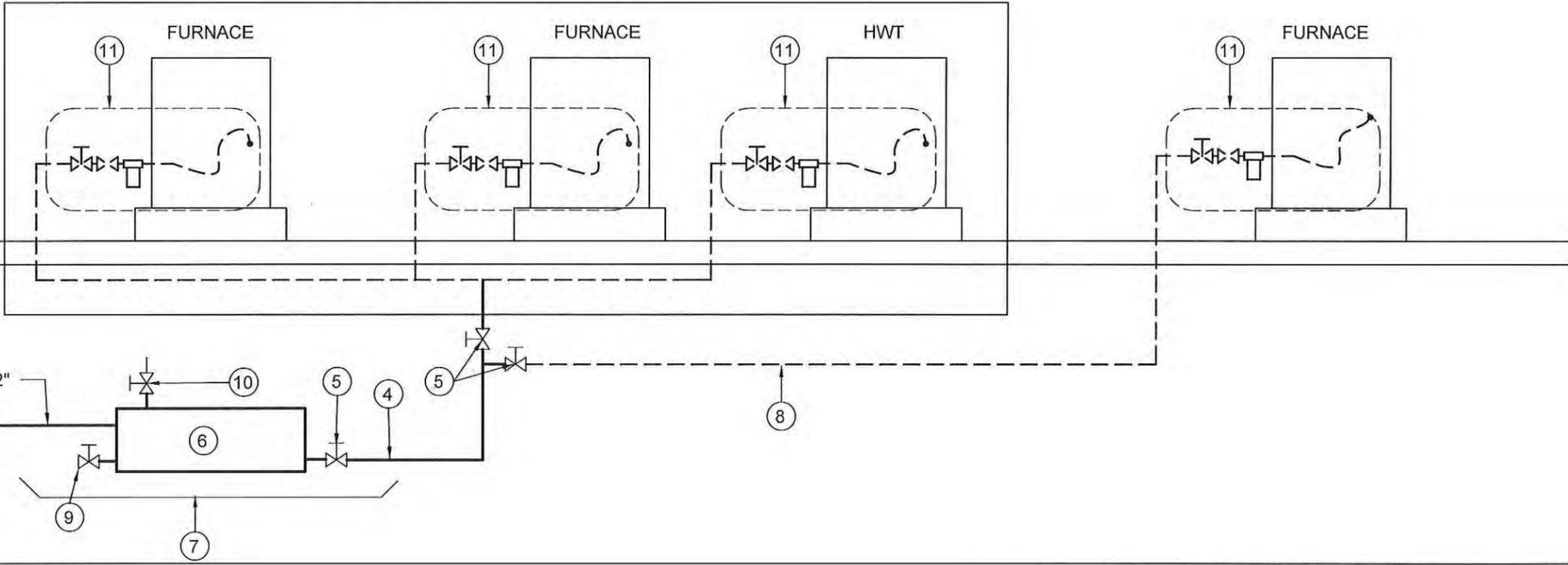


3

LEGEND

- NEW PIPING
- - - EXISTING PIPING
- ⊗ NEW VALVE
- ⊗ EXISTING VALVE
- ≡ NEW UNION
- ▷ NEW REDUCER

MECHANICAL ROOM



DRAWING NOTES: (#)

- 1. NEW VALVE 2" (BV-1)
- 2. 2"X24" LONG BRAIDED FLEX PIPE (FC-1)
- 3. 2 - FIBERGLASS OIL TANKS, STANDS AND CONCRETE BASE. SEE DETAILS SHEET M2.1 AND M2.2
- 4. SCHEDULE 40 FUEL LINE 1" DIA
- 5. NEW VALVE (BV-1)
- 6. NEW WARMING PIPE (WP-1) C/W SUPPORTS
- 7. NEW GALVANIZED DRIP PAN, MIN 1 1/2" SIDES

- 8. EXISTING FUEL LINE
- 9. TANK DRAIN VALVE, BV-1
- 10. BLEED VALVE, BV-1
- 11. NEW BURNER ACCESSORIES, SEE DETAIL 2 SHEET M3.1



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PROJECT TITLE:
 RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
 V119 - DETACHMENT, CLYDE RIVER

SHEET TITLE:
 SCHEMATIC - TANK, PIPING AND ACCESSORIES

PROJECT NUMBER:
 16-028-14-30

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

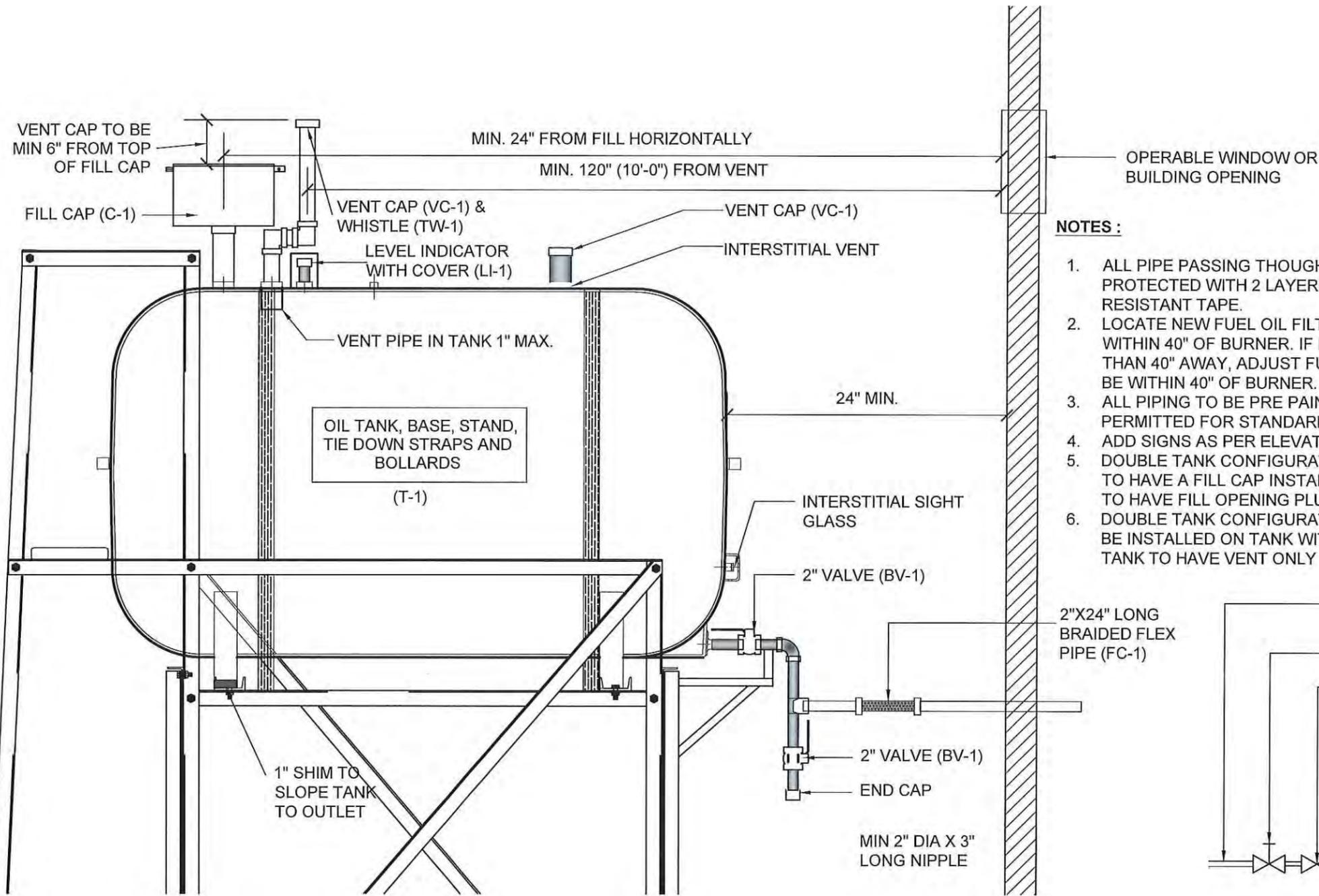
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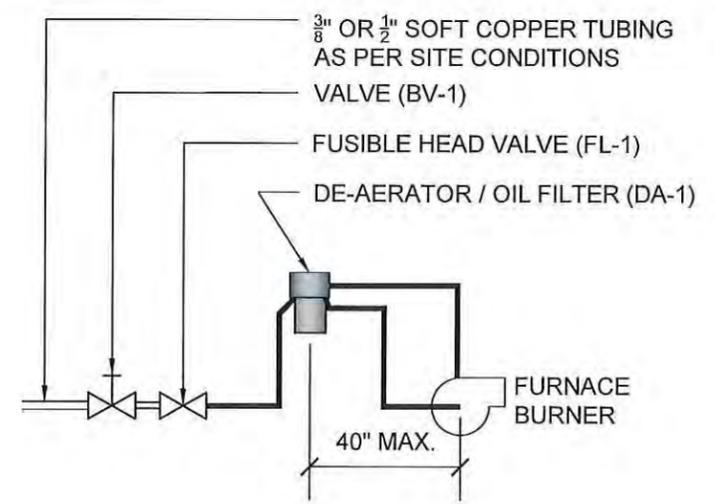
DRAWING NUMBER:
M3.0

REVISION NUMBER:
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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



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02 SCHEMATIC - BURNER ACCESSORIES
M3.1 SCALE: NTS



PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CLYDE RIVER
V119 - DETACHMENT, CLYDE RIVER
SHEET TITLE:
SCHEMATIC - TANK PIPING AND ACCESSORIES
PROJECT NUMBER:
16-028-14-30

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

DRAWING NUMBER:
M3.1
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 2" FUEL LINE SUPPORT DETAILS
M3.0 SCHEMATIC

V157 - RESIDENCE

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

V160 - RESIDENCE

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

V151 - GYM STORAGE

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

V153 - GARAGE/WORKSHOP

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

V156 - GARAGE

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

V148 - FACILITY BUILDING

M1.0 DEMOLITION PLAN
M1.1 CONSTRUCTION PLAN
M2.0 TANK ELEVATIONS
M2.1 TANK 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 CONNECTION #1 DETAILS
S3 CONNECTION #2 DETAILS
S4 TANK #1 - PLAN VIEW OF TANK ON SLAB
S5 TANK #1 - PLAN VIEW OF TANK ON SLAB
S6 TANK #2 - PLAN VIEW OF TANK ON LOW METAL STAND
S7 TANK #2 - ELEVATIONS OF LOW METAL STAND
S8 TANK #2 - ELEVATIONS OF LOW METAL STAND
S9 TANK #3 - PLAN VIEW OF TANK ON HIGH METAL STAND
S10 TANK #3 - ELEVATIONS OF HIGH METAL STAND
S11 TANK #3 - ELEVATIONS OF HIGH METAL STAND
S12 TANK #4 - PLAN VIEW OF TANK ON LOW DOUBLE METAL STAND
S13 TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND
S14 TANK #4 - ELEVATIONS OF LOW DOUBLE METAL STAND
S15 TANK #5 - PLAN VIEW OF TANK ON HIGH DOUBLE METAL STAND
S16 TANK #5 - ELEVATIONS OF 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

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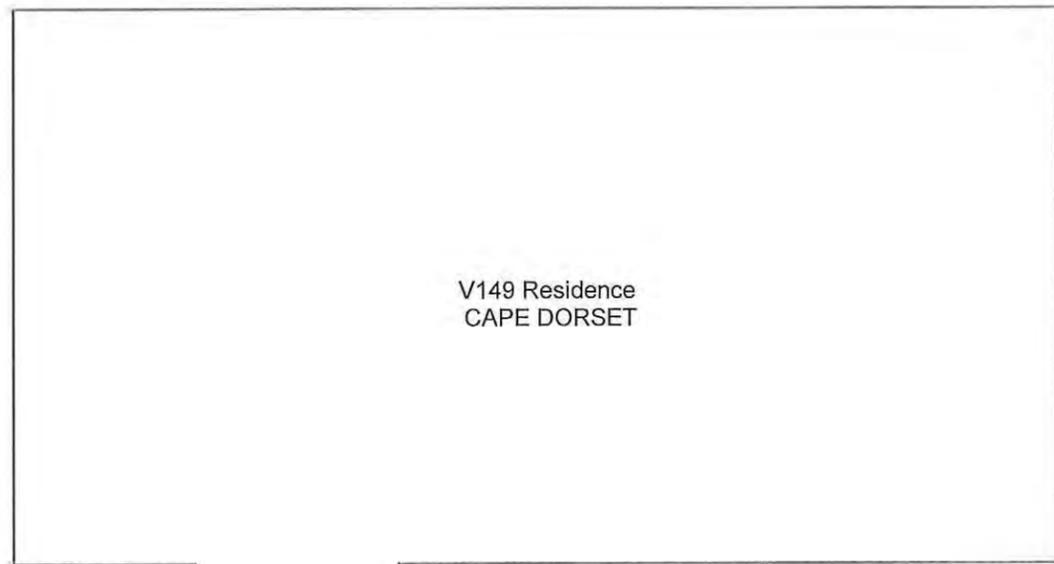
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SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

DRAWING NUMBER:

M0.0

REVISION NUMBER:
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V149 Residence
CAPE DORSET

TANK

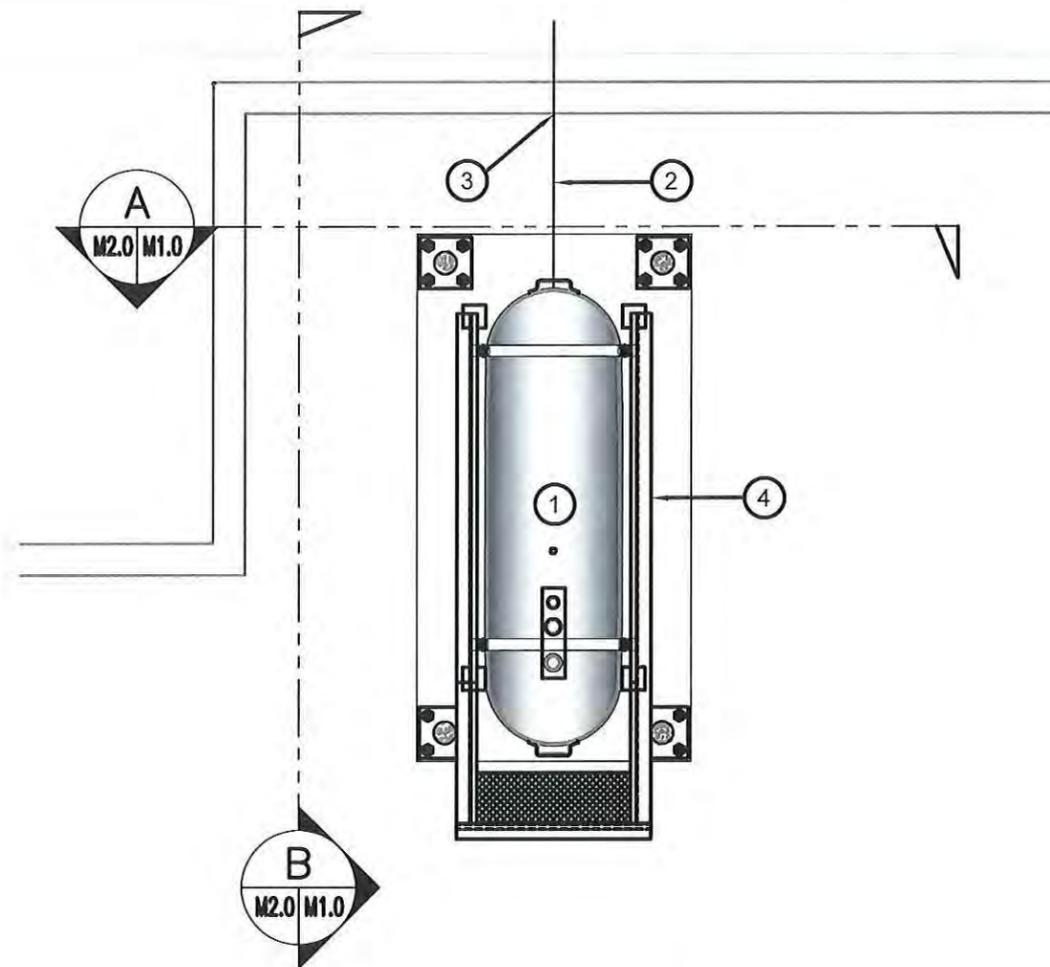
FRONT

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.

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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 M2.1.
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK STAND #3 SEE STRUCTURAL FOR DETAILS

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.
3. INSTALL ALL NEW ACCESSORIES TO FURNACE + HOT WATER TANK AND WARMING TANK (WP-2)



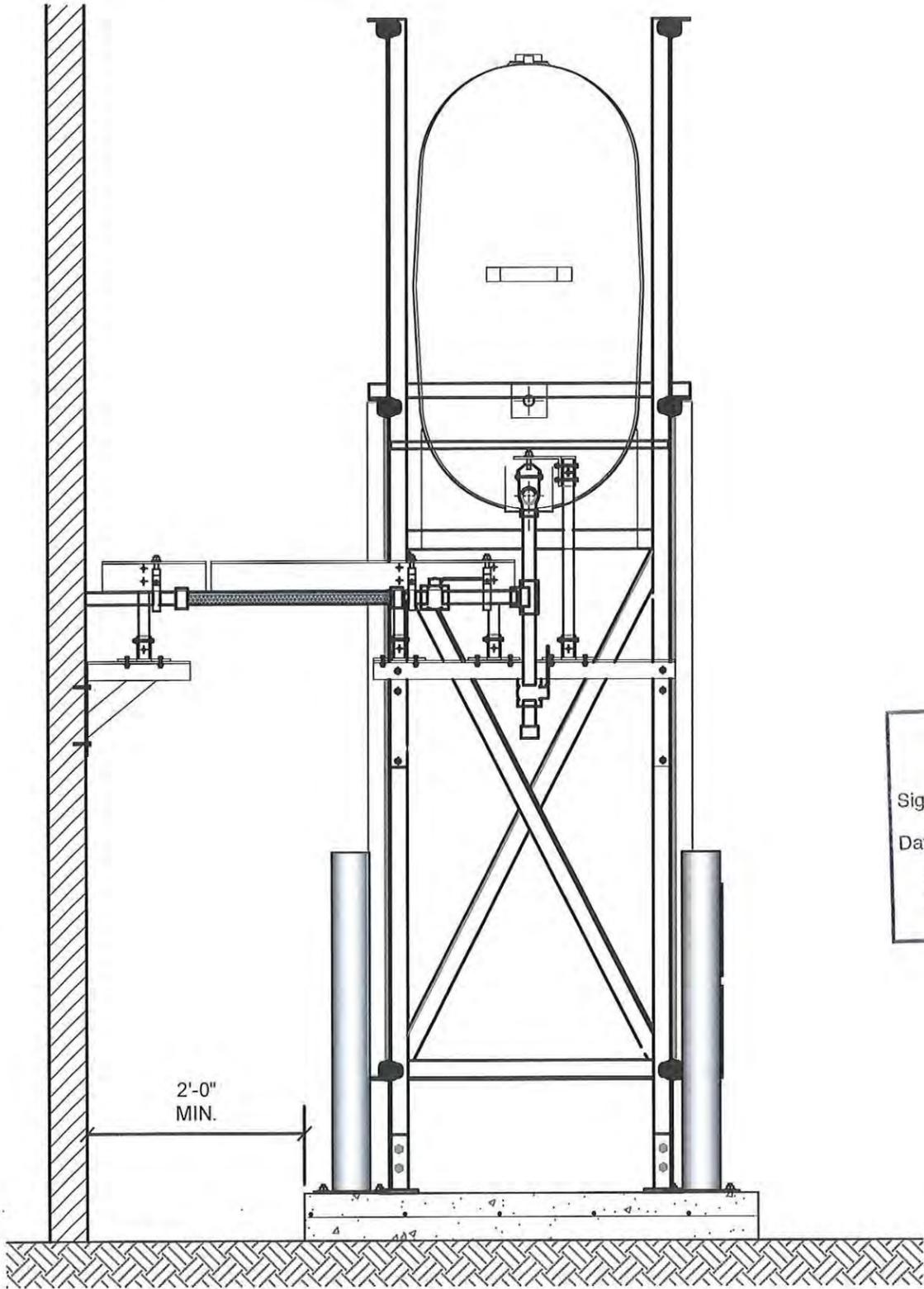
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V161 - RESIDENCE, CAPE DORSET
SHEET TITLE:
DEMOLITION AND CONSTRUCTION PLAN
PROJECT NUMBER:
16-028-14-30

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

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

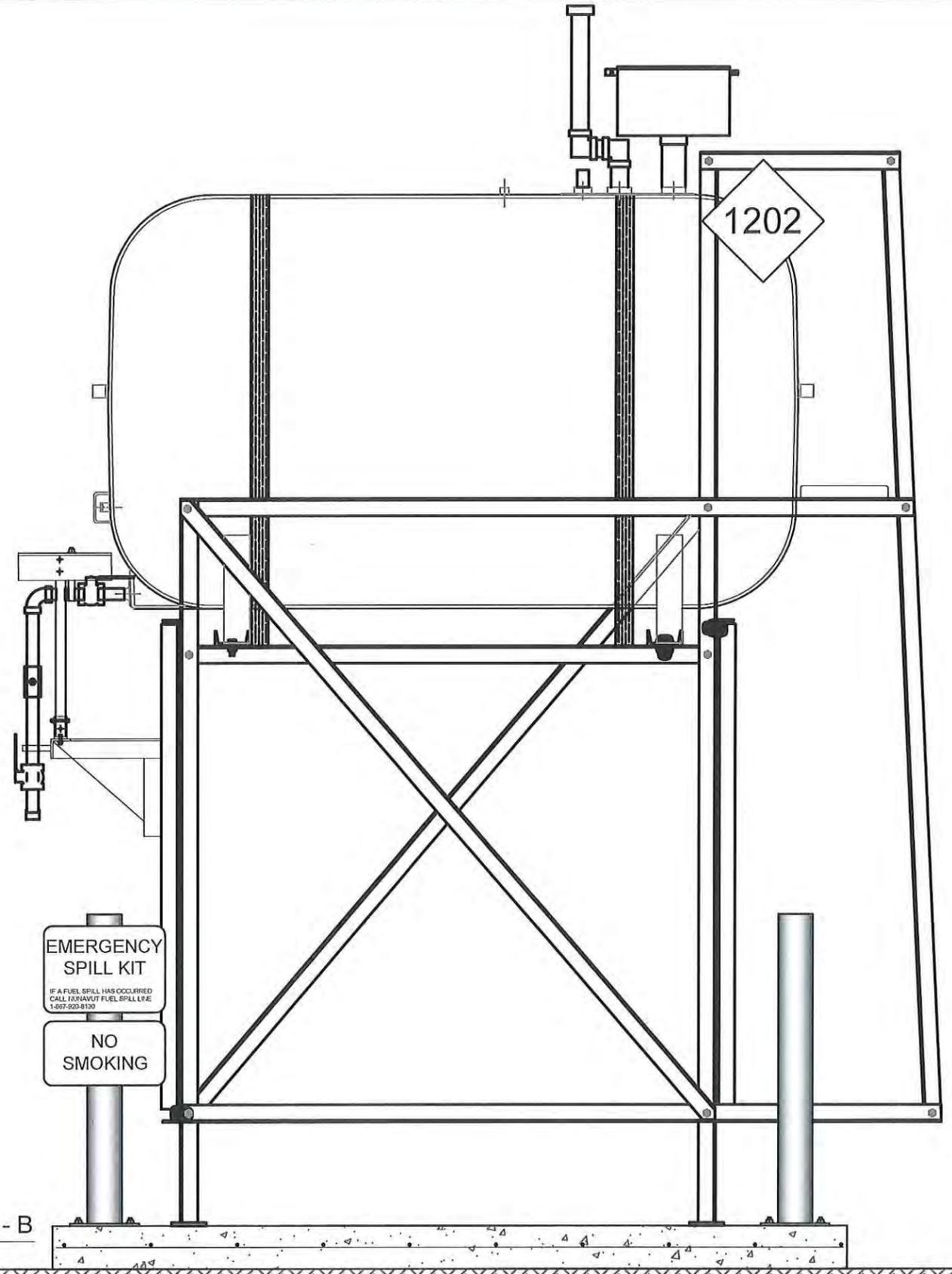
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

DRAWING NUMBER:
M1.0
REVISION NUMBER:
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01 OIL TANK ELEVATION - A
M2.0 SCALE: 3/4"-1'-0"

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



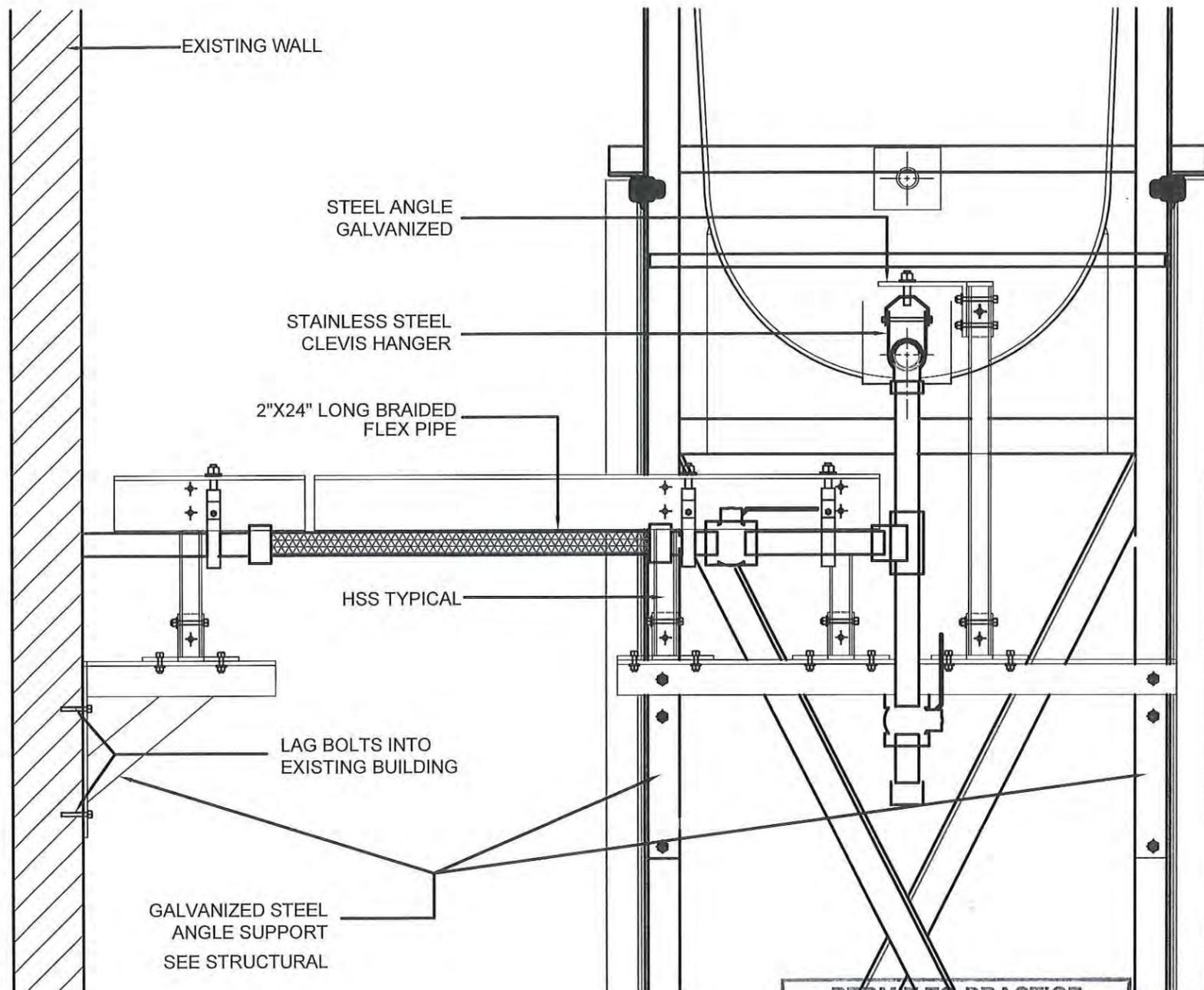
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V161 - RESIDENCE, CAPE DORSET
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

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

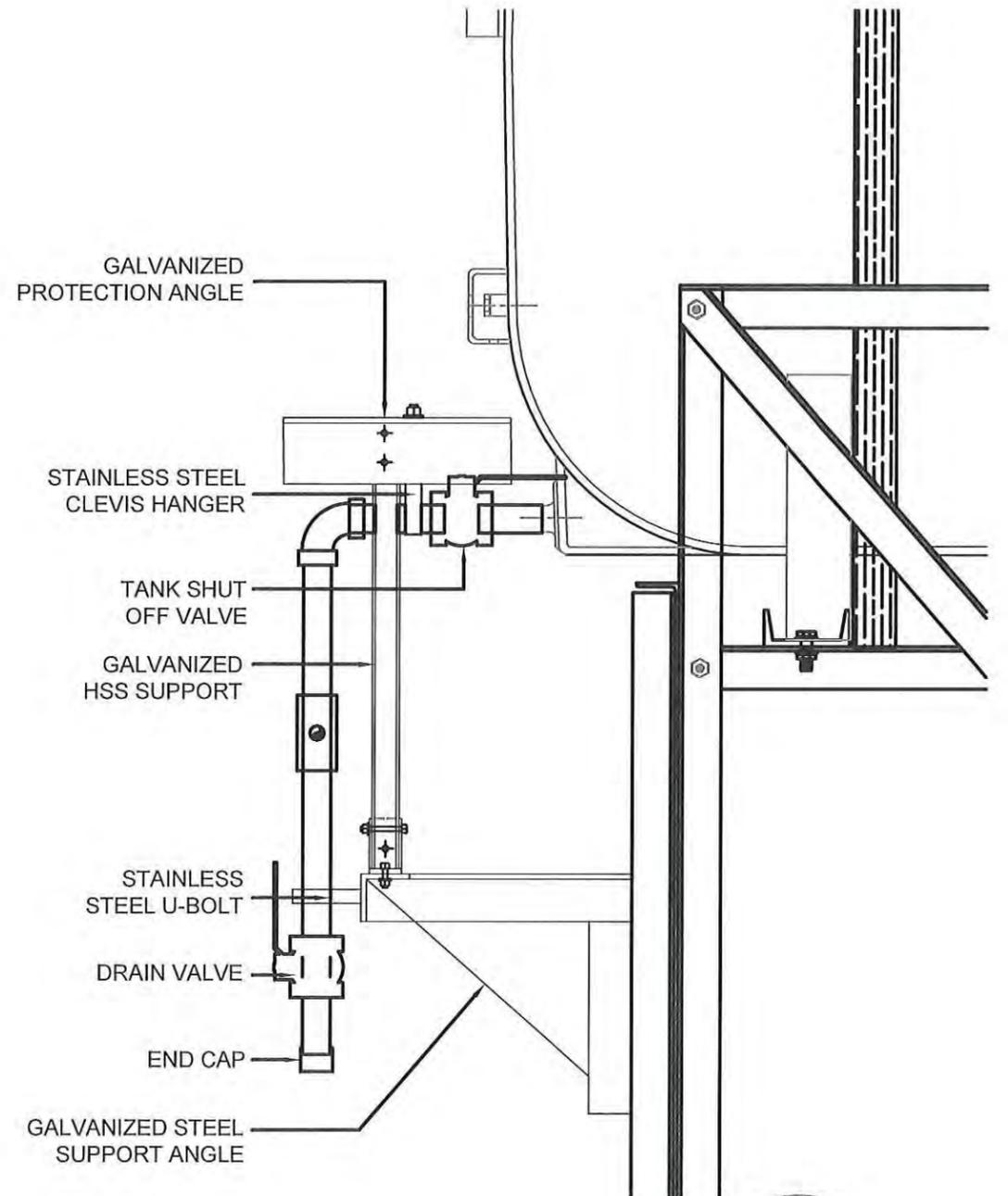
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

DRAWING NUMBER:
M2.0
REVISION NUMBER:
00



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

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



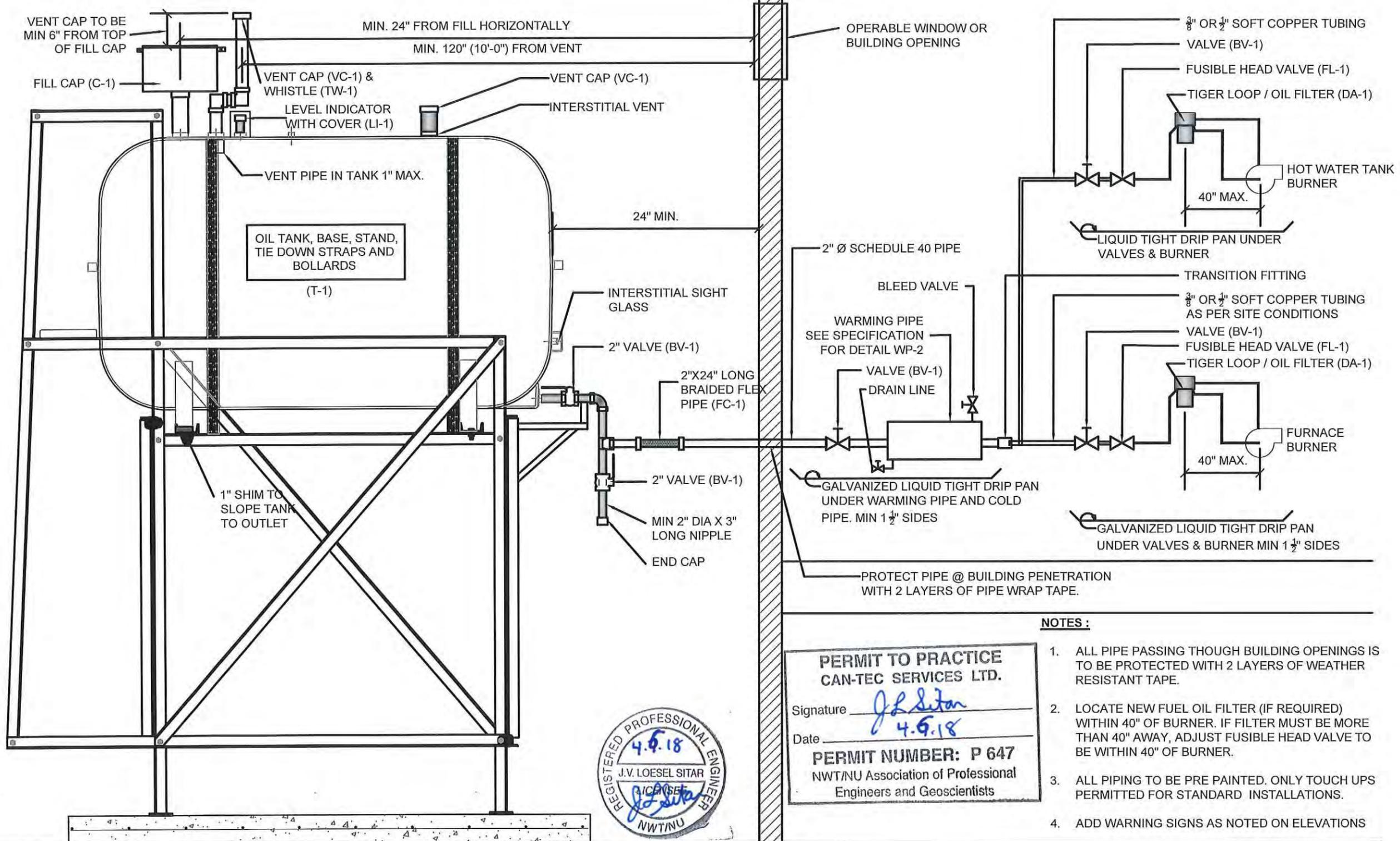
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V161 - RESIDENCE, CAPE DORSET
SHEET TITLE:
2" FUEL LINE SUPPORT DETAIL
PROJECT NUMBER:
16-028-14-30

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

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 Date *4.6.18*
PERMIT NUMBER: P 647
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01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON TANK
 M3.0 SCALE: NTS



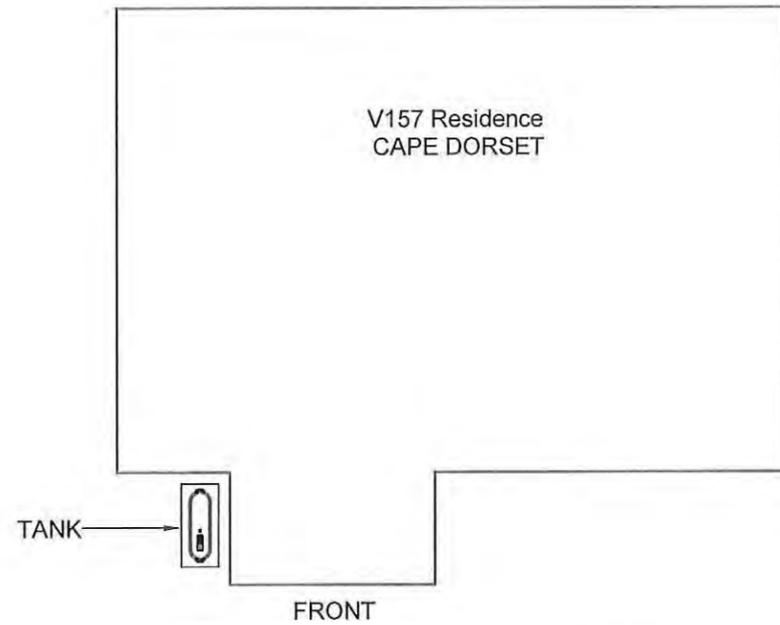
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 V161 - RESIDENCE , CAPE DORSET
 SHEET TITLE:
 SCHEMATIC
 PROJECT NUMBER:
 16-028-14-30

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

DRAWING NUMBER:
M3.0
 REVISION NUMBER:
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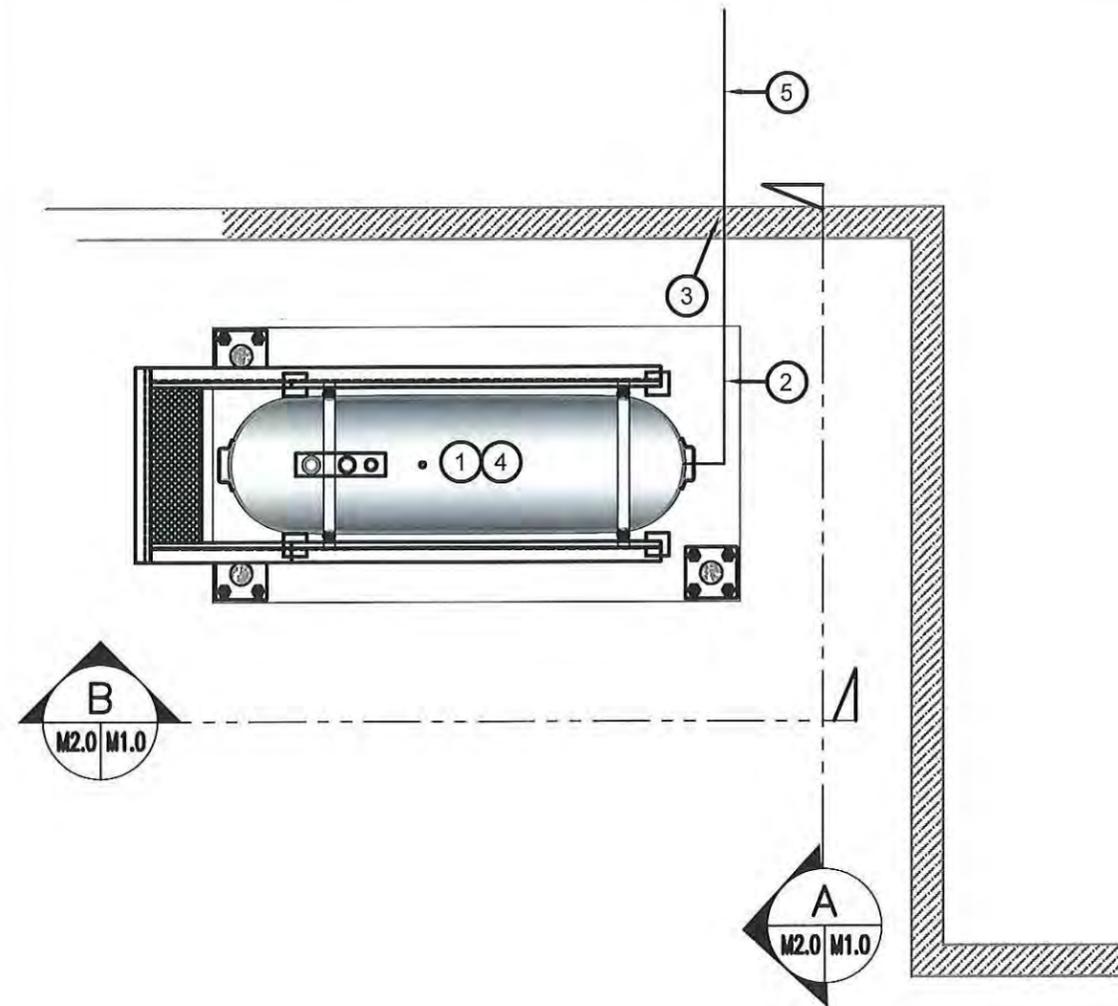
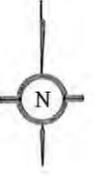
01 DEMOLITION PLAN
M1.0 SCALE: NTS

PERMIT TO PRACTICE
CAN-TEC SERVICES LTD.
Signature J.V. Loesel Sitar
Date 4.6.18
PERMIT NUMBER: P 647
NWT/NU Association of Professional
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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) SEE SHEET A3.0.
3. INSTALL NEW WARMING TANK (WP-2)



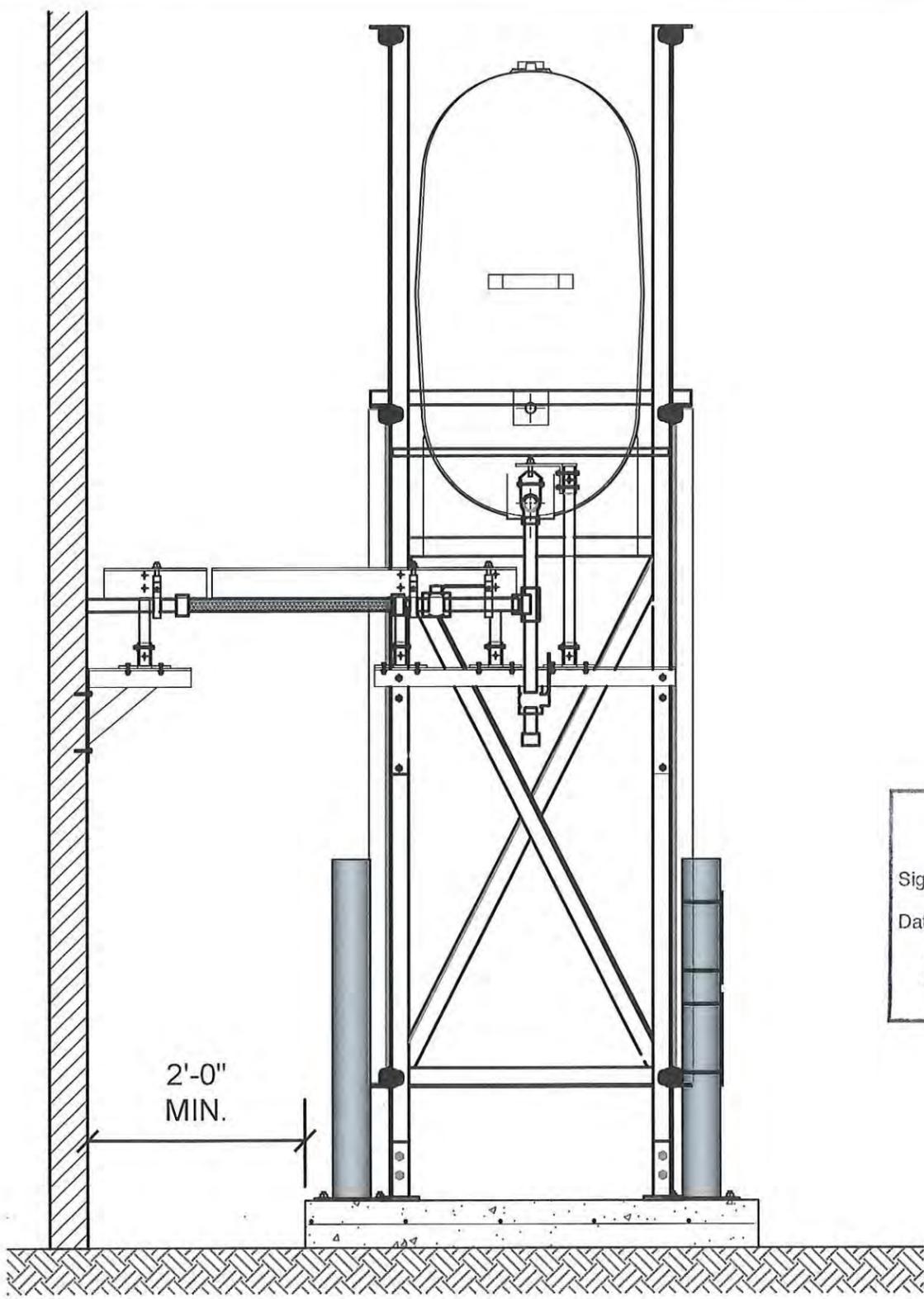
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V157 - RESIDENCE, CAPE DORSET
SHEET TITLE:
DEMOLITION AND CONSTRUCTION PLAN
PROJECT NUMBER:
16-028-14-30

00 ISSUED FOR TENDER 18 05 18 JLS
REV. # | REVISION | DATE (YY MM DD) | REV. BY

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

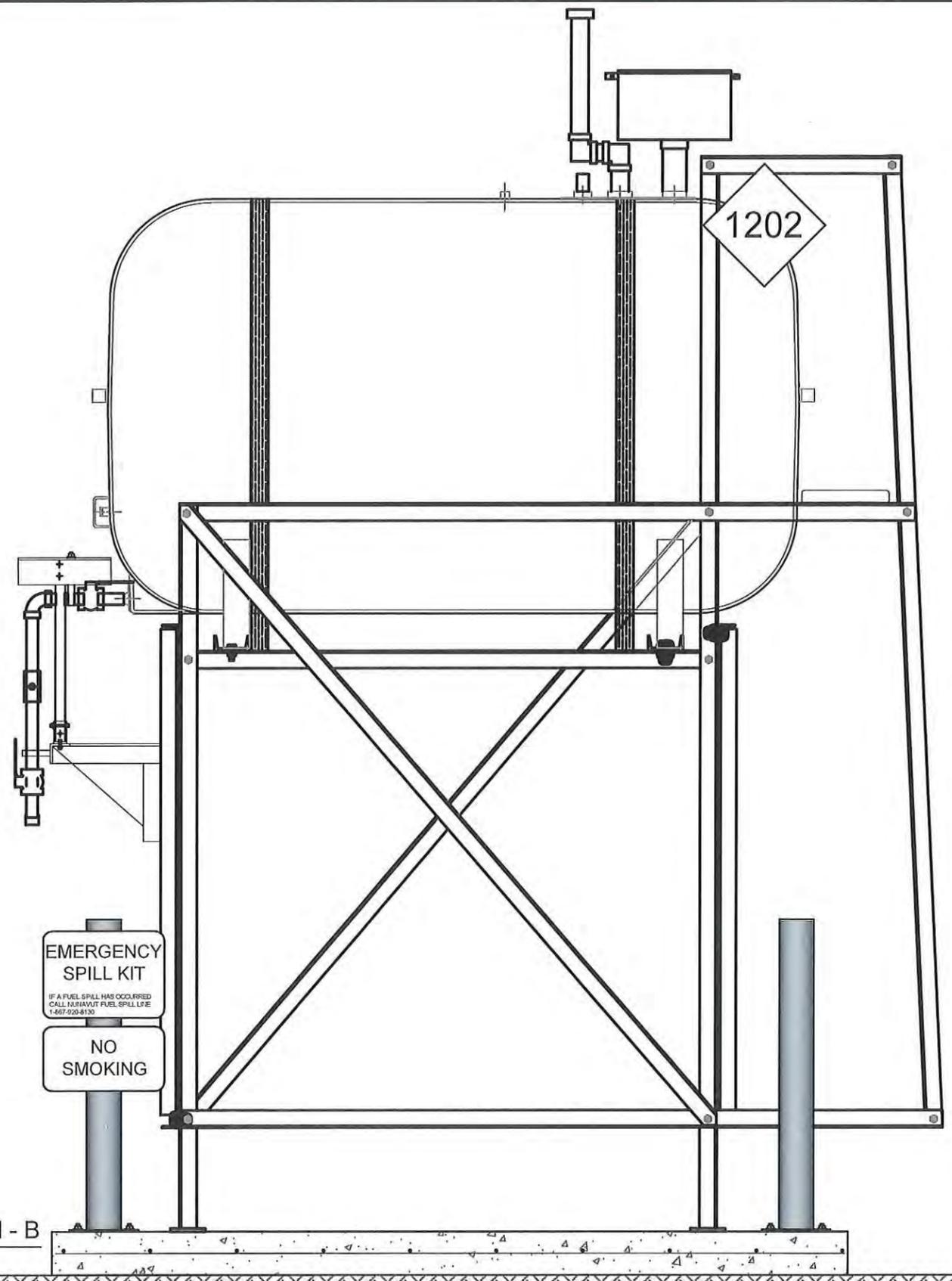
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DATE (YY MM DD):
17 06 09

DRAWING NUMBER:
M1.0
REVISION NUMBER:
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01 OIL TANK ELEVATION - A
M2.0 SCALE: 3/4"-1'-0"

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Date *4.6.18*
PERMIT NUMBER: P 647
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02 OIL TANK ELEVATION - B
M2.0 SCALE: 3/4"-1'-0"



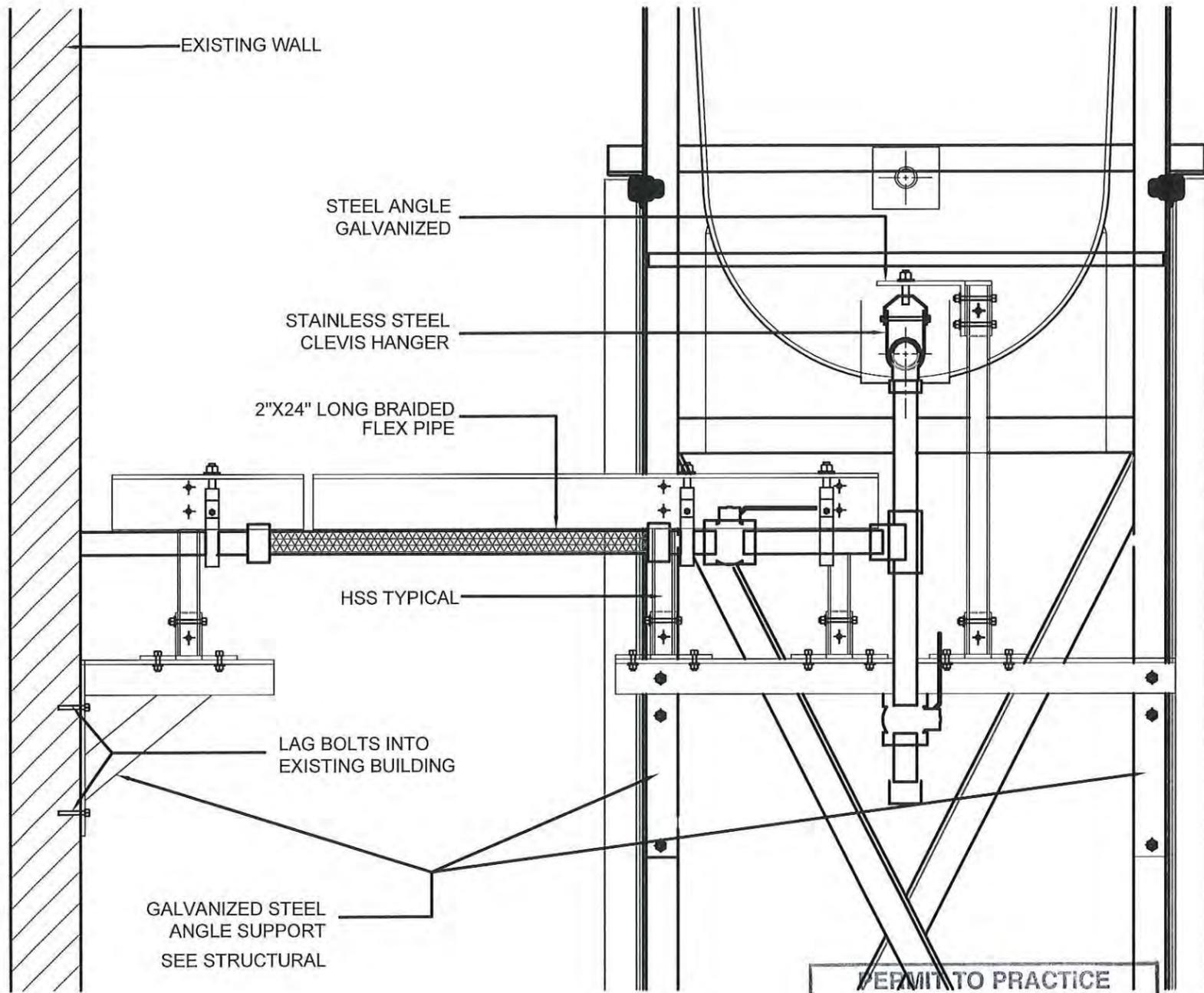
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V157 - RESIDENCE, CAPE DORSET
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

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

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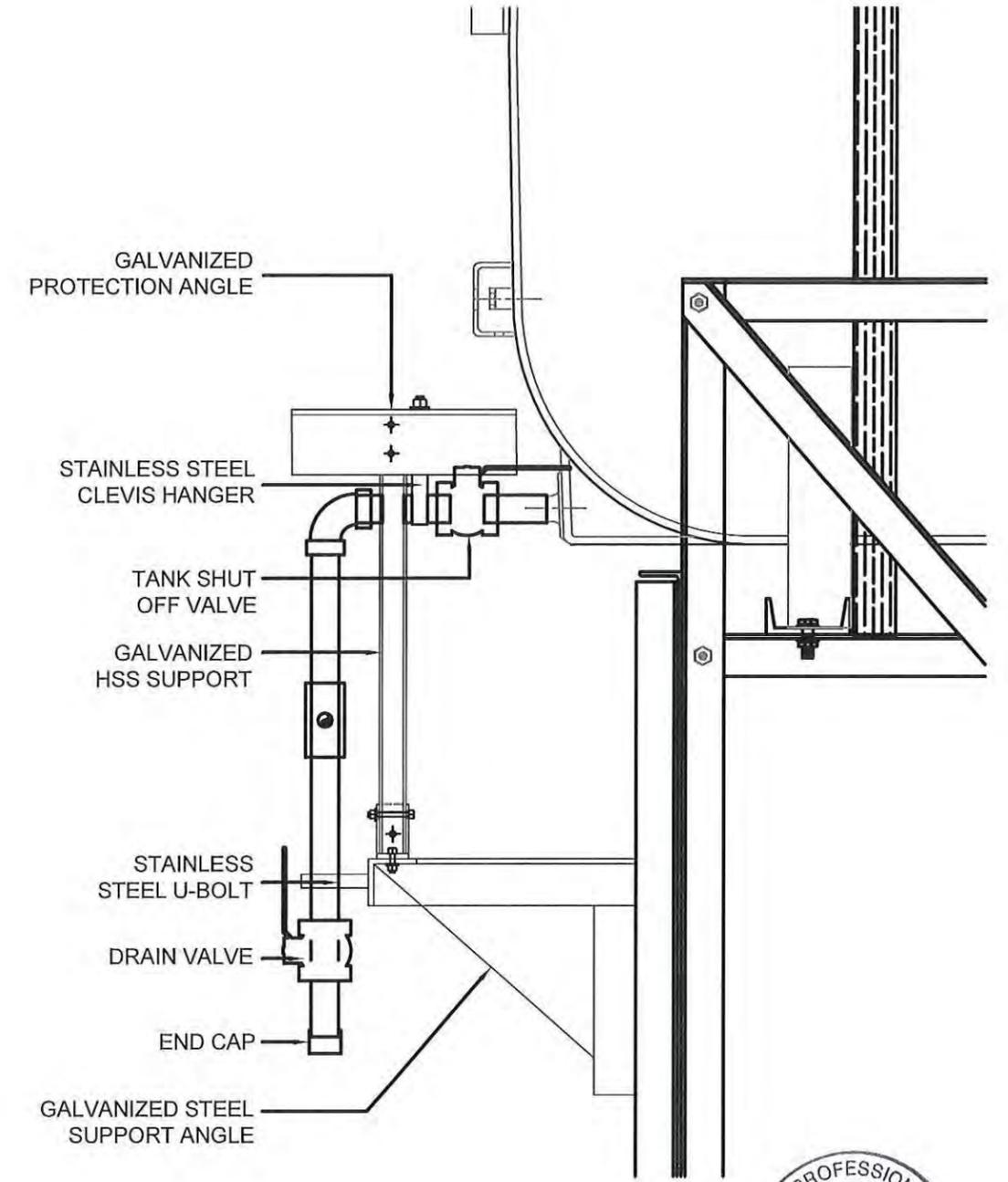
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

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

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Date *4.6.18*
PERMIT NUMBER: P 647
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02 SIDE VIEW
M2.1 SCALE: 1 1/2"-1'-0"

REGISTERED PROFESSIONAL ENGINEER
4.6.18
J.V. LOESEL SITAR
NWT/NU



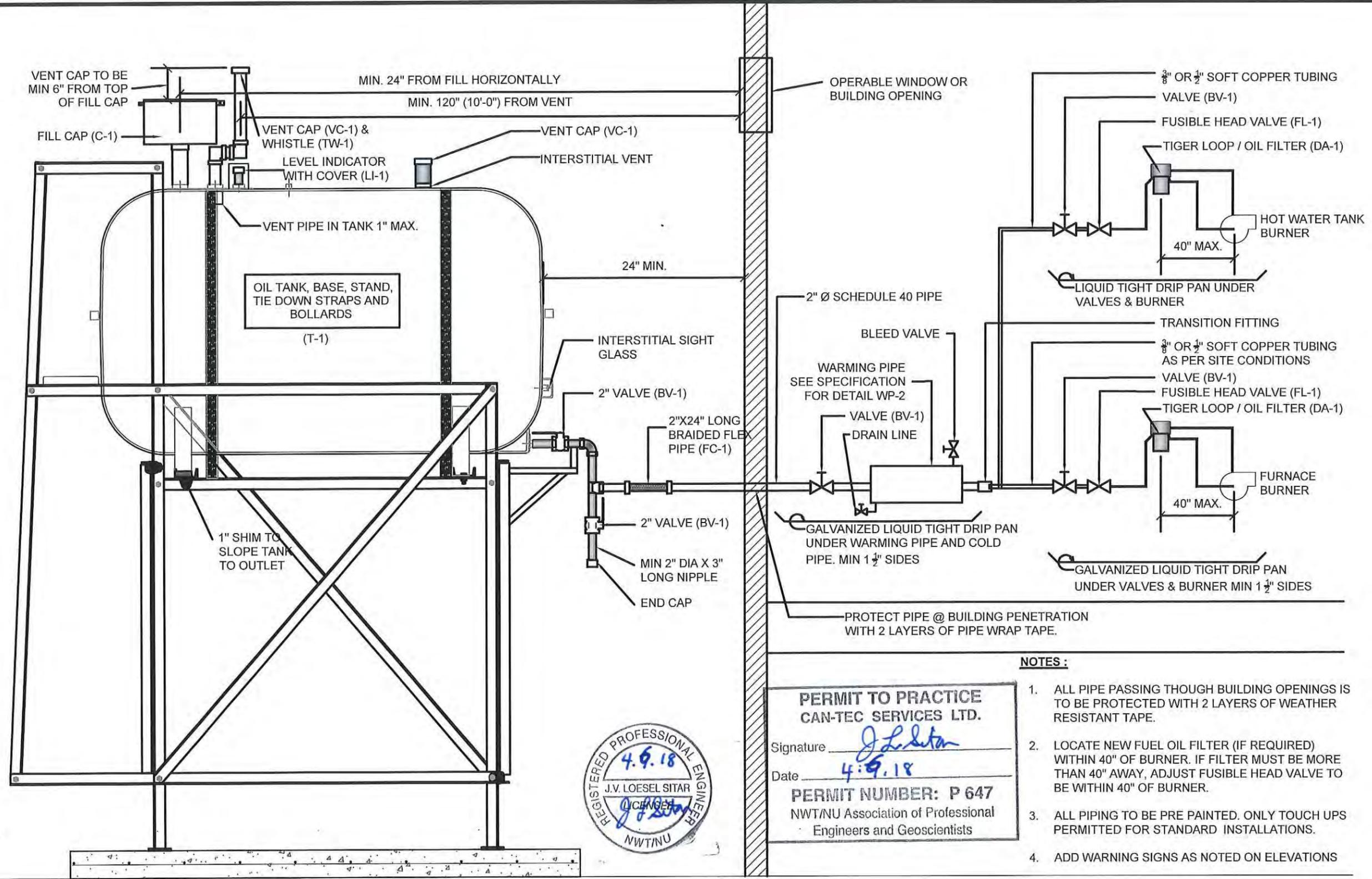
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V157 - RESIDENCE, CAPE DORSET
SHEET TITLE:
2" FUEL LINE SUPPORT DETAIL
PROJECT NUMBER:
16-028-14-30

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

SCALE:
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DATE (YY MM DD):
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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



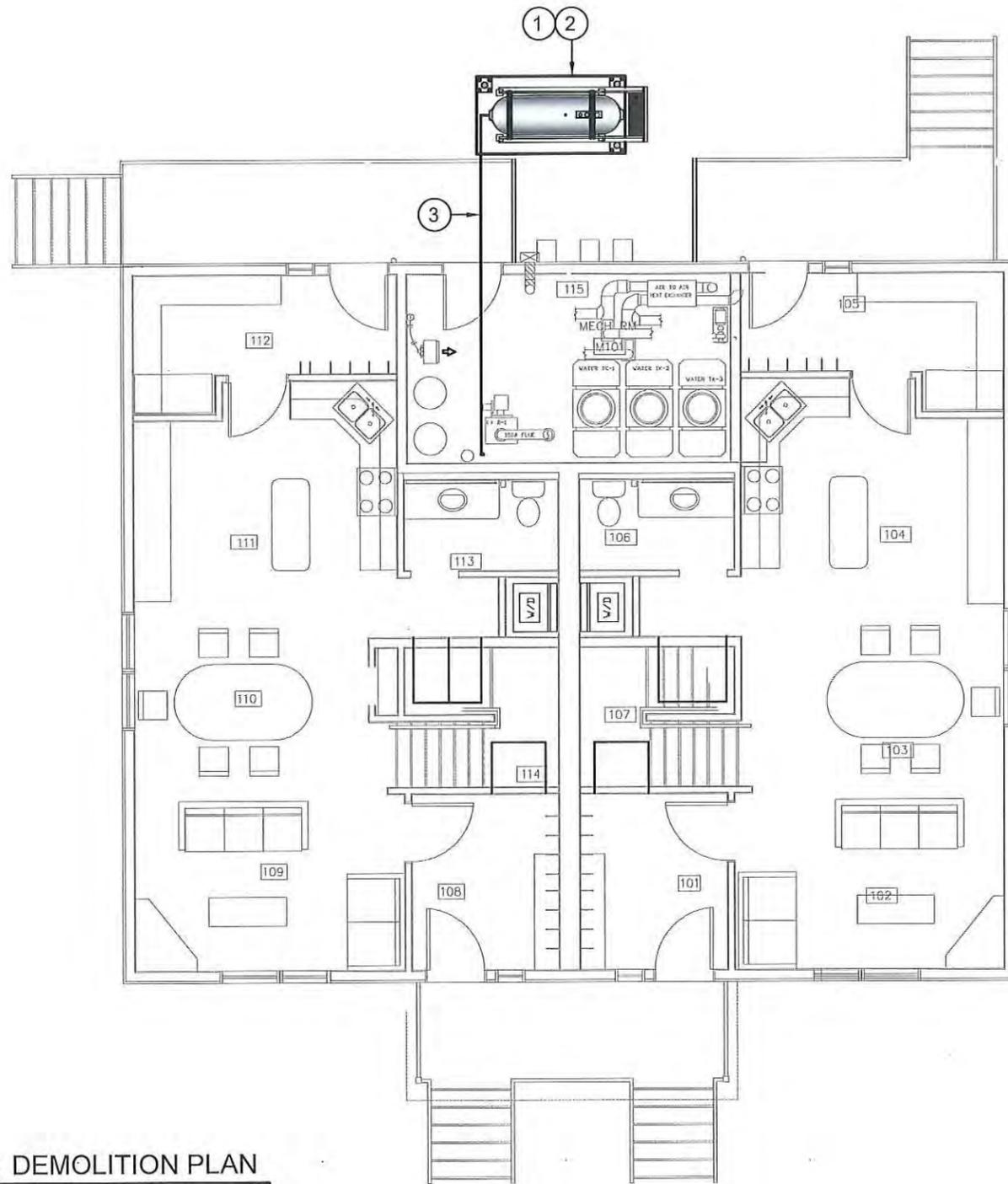
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V157 - RESIDENCE , CAPE DORSET
SHEET TITLE:
SCHEMATIC
PROJECT NUMBER:
16-028-14-30

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

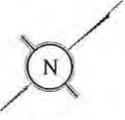
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

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"

PERMIT TO PRACTICE
CAN-TEC SERVICES LTD.
Signature *J. V. Loesel Sitar*
Date *4.6.18*
PERMIT NUMBER: P 647
NWT/NU Association of Professional
Engineers and Geoscientists



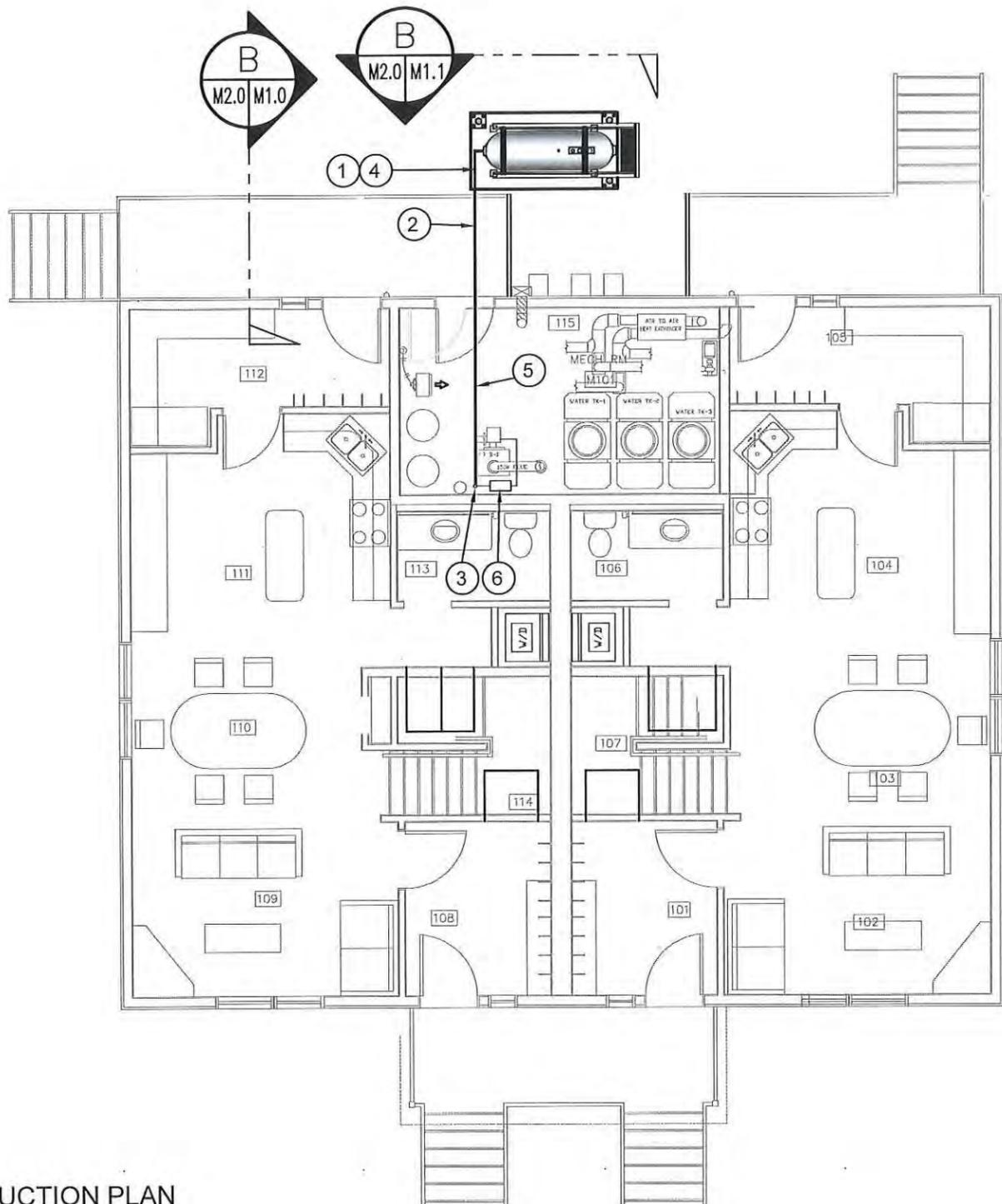
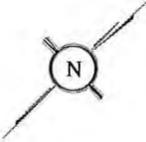
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V160 - RESIDENCE, CAPE DORSET
SHEET TITLE:
DEMOLITION PLAN
PROJECT NUMBER:
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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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.
3. CAULK ENTRY INTO BUILDING.
4. INSTALL NEW OIL TANK #3 - SEE STRUCTURAL FOR DETAILS.
5. INSTALL NEW 2" DIA SCH 40 PIPE AND HANGERS AS PER SPECIFICATION
6. INSTALL NEW WARMING TANK, FUEL FILTER, FUSIBLE LINK, TIGER LOOP AND DRIP TRAYS.

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

PERMIT TO PRACTICE
 CAN-TEC SERVICES LTD.
 Signature J.L. Sitar
 Date 4.9.18
 PERMIT NUMBER: P 647
 NWT/NU Association of Professional
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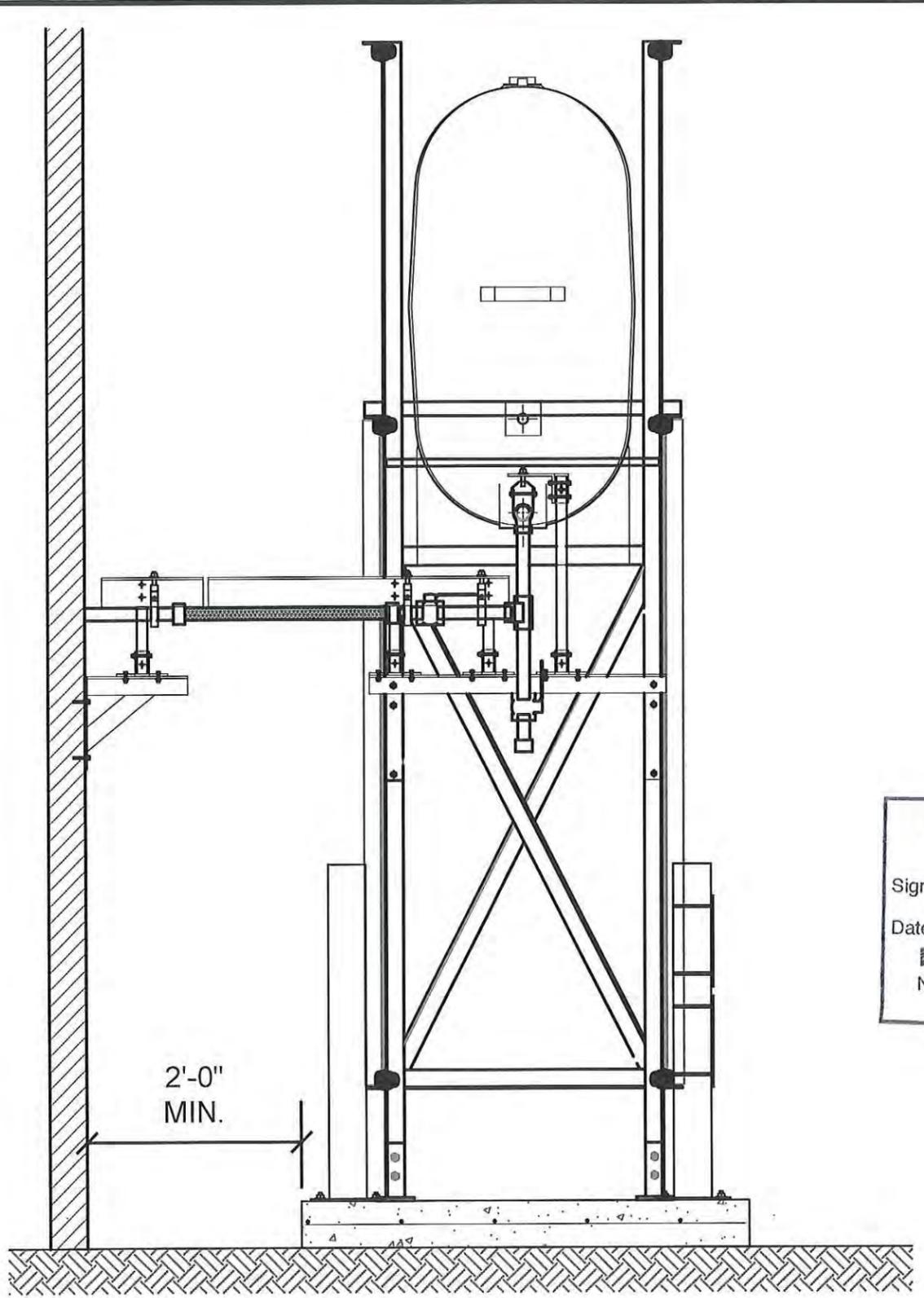
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 RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
 V160 - RESIDENCE, CAPE DORSET
 SHEET TITLE:
 CONSTRUCTION PLAN
 PROJECT NUMBER:
 16-028-14-30

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

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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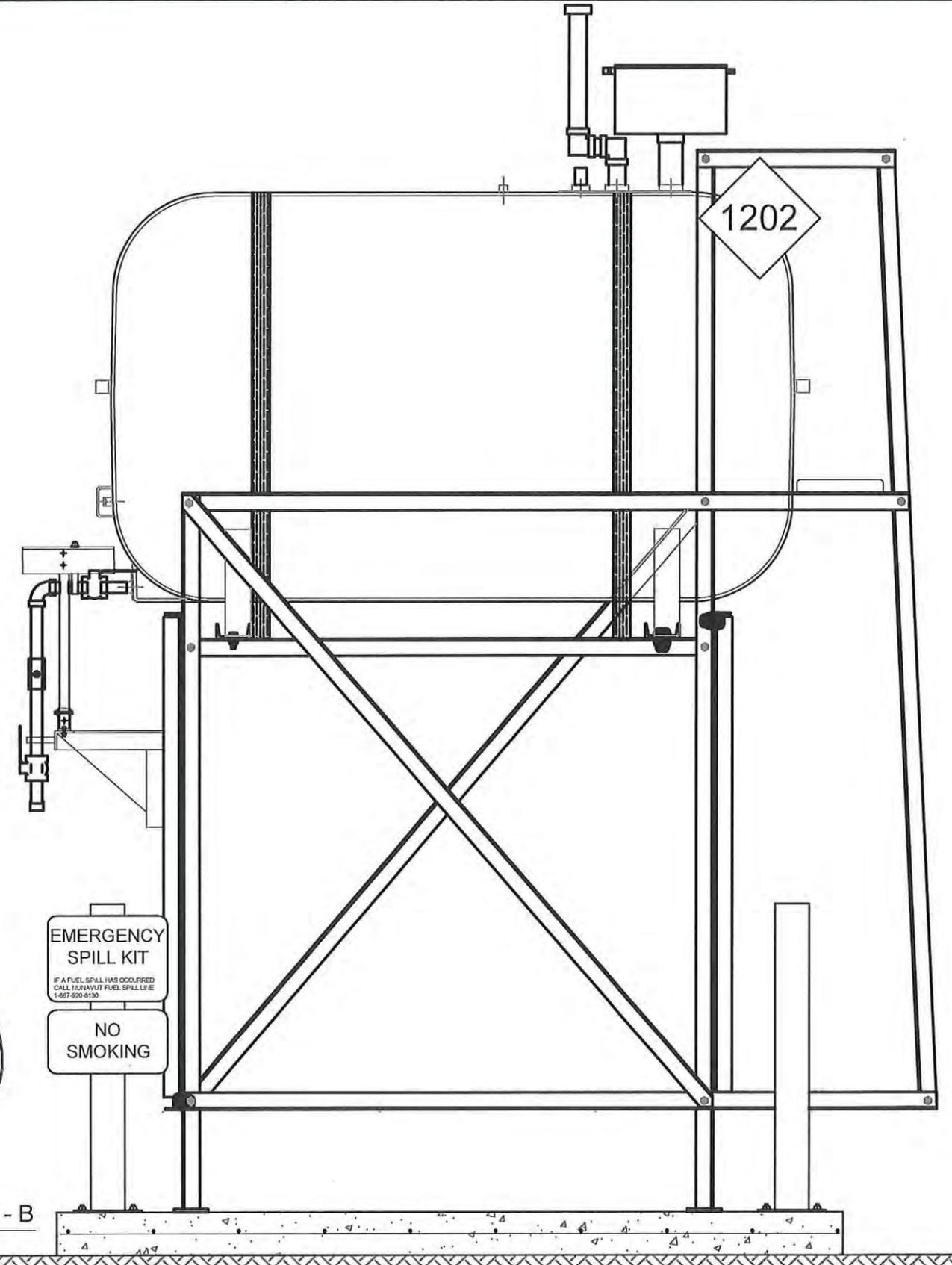
SCALE:
 AS NOTED
 DATE (YY MM DD):
 17 06 09

DRAWING NUMBER:
M1.1
 REVISION NUMBER:
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01 OIL TANK ELEVATION - A
M2.0 SCALE: 3/4"-1'-0"

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CAN-TEC SERVICES LTD.
Signature J.L. Sitar
Date 4.6.18
PERMIT NUMBER: P 647
NWT/NU Association of Professional
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02 OIL TANK ELEVATION - B
M2.0 SCALE: 3/4"-1'-0"



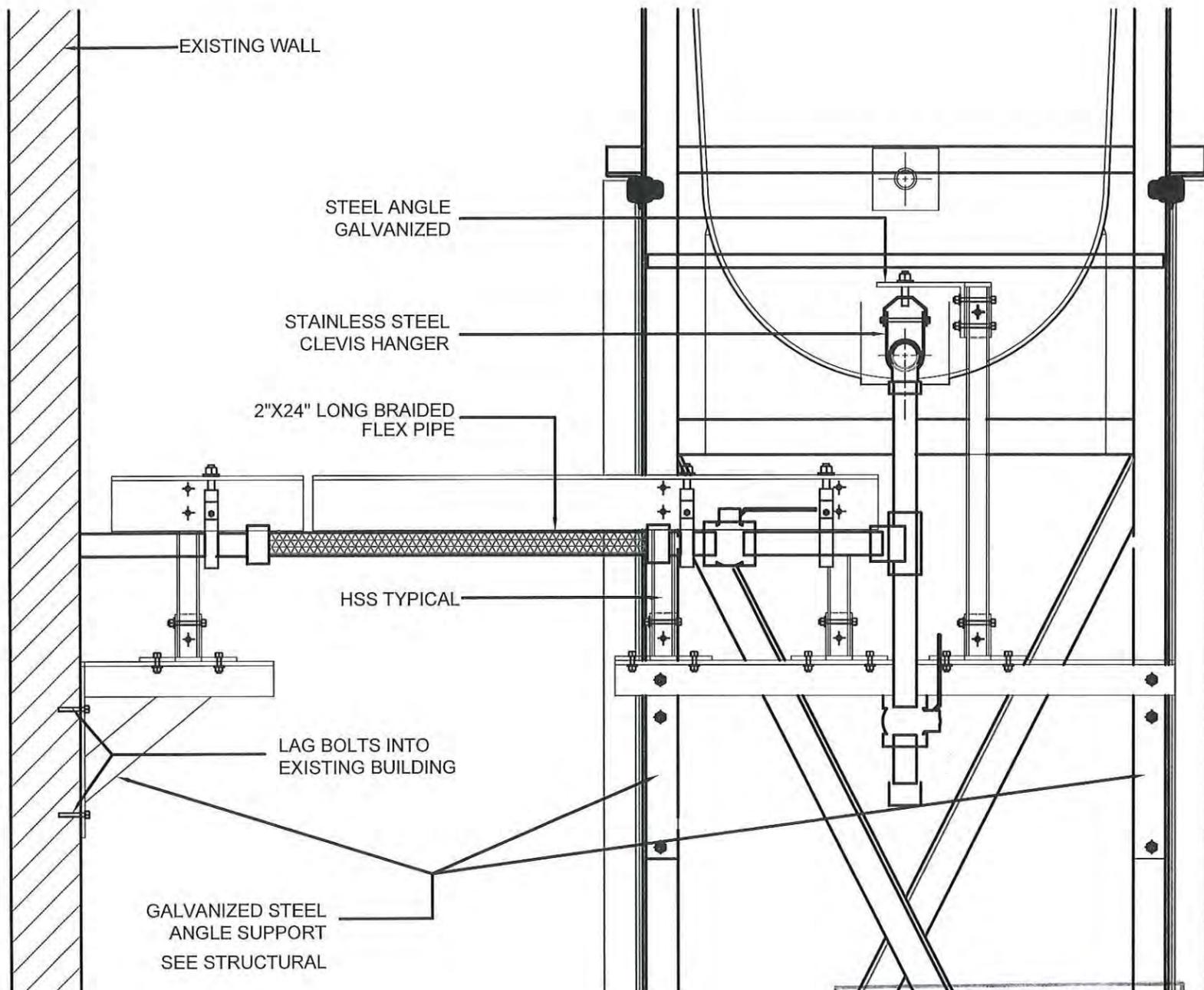
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V160 - RESIDENCE, CAPE DORSET
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

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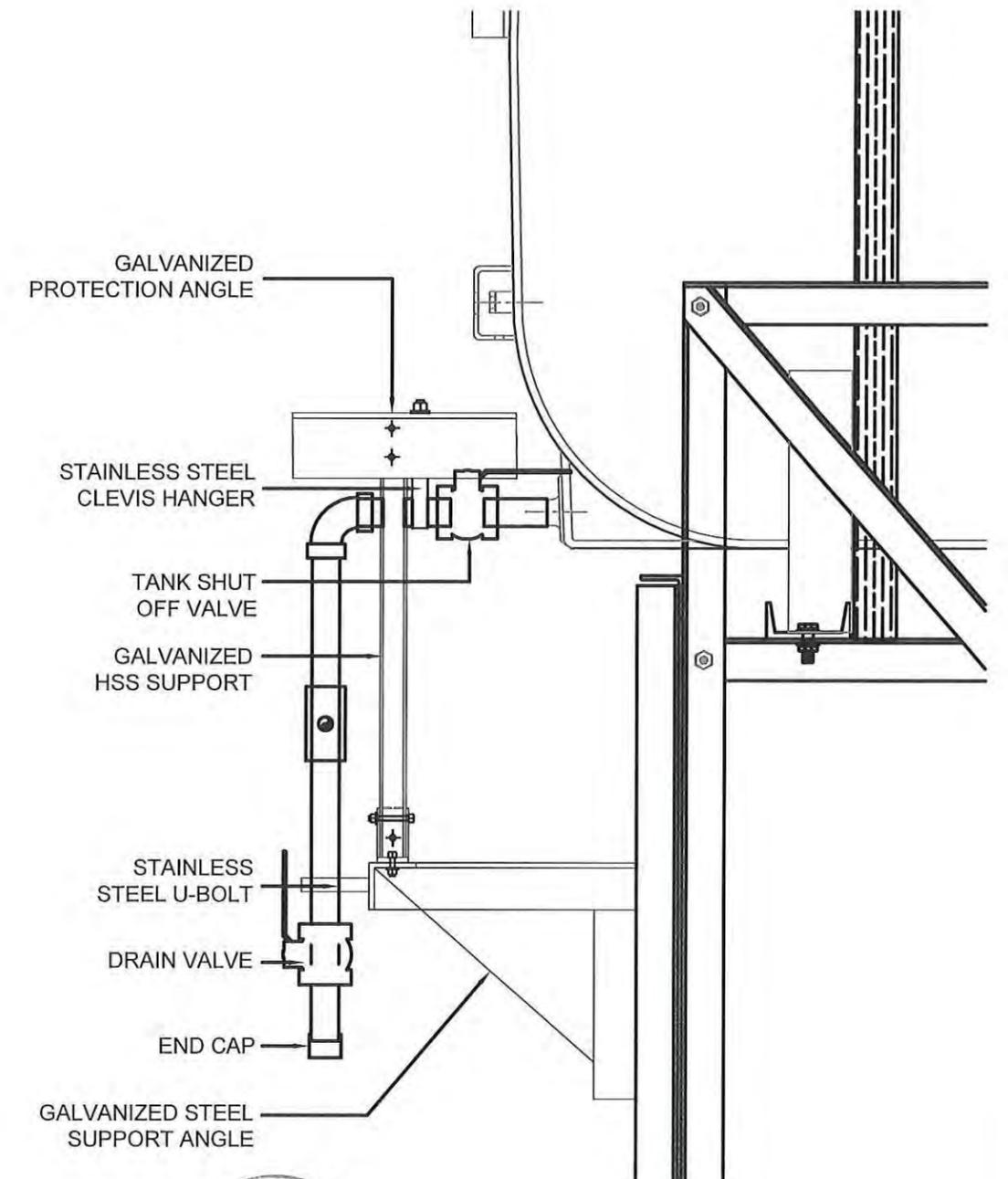
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

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

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Date *4.6.18*
PERMIT NUMBER: P 647
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02 SIDE VIEW
M2.1 SCALE: 1 1/2"-1'-0"



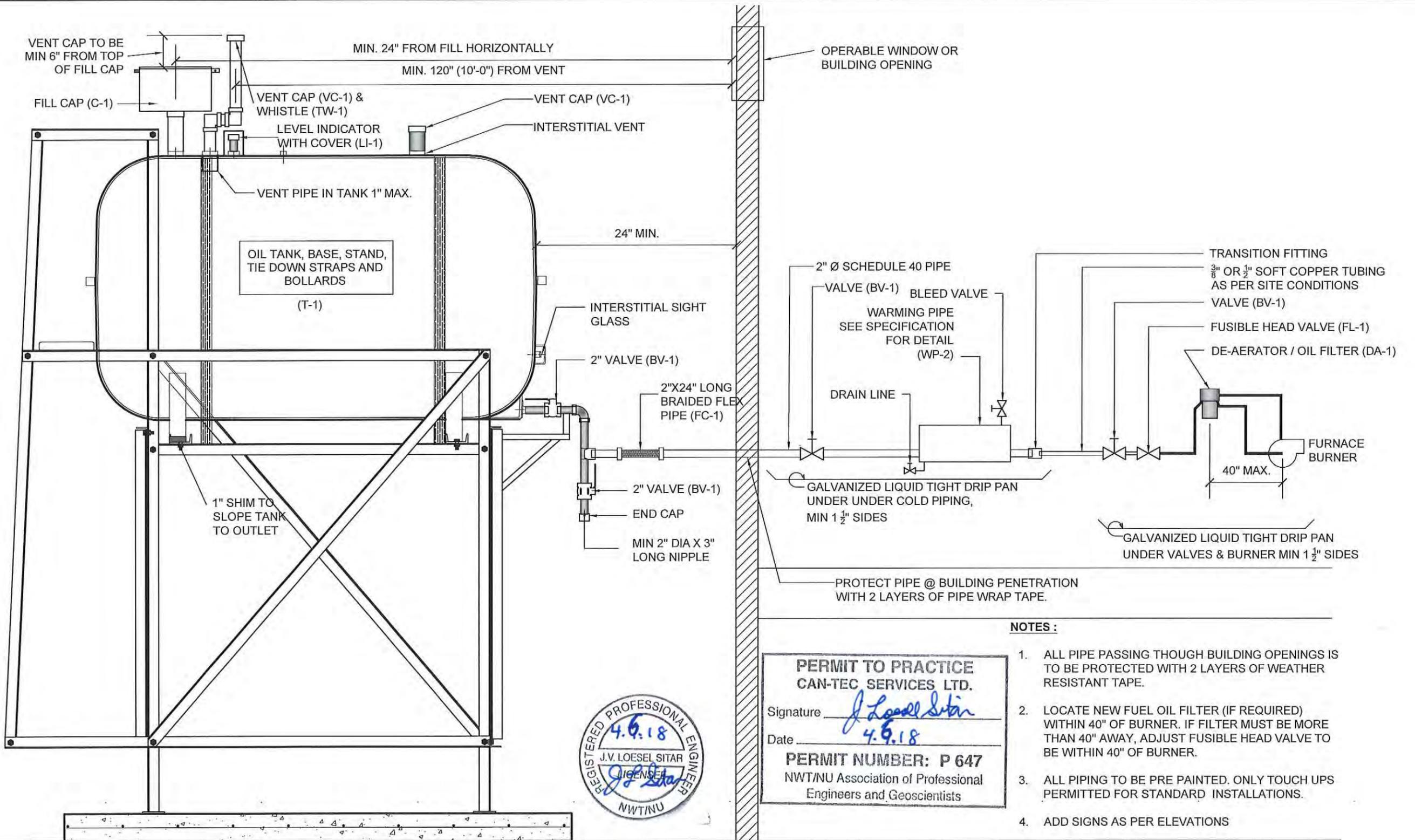
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V160 - RESIDENCE, CAPE DORSET
SHEET TITLE:
2" FUEL LINE SUPPORT DETAIL
PROJECT NUMBER:
16-028-14-30

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

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

DRAWING NUMBER:
M2.1
REVISION NUMBER:
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- 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 SIGNS AS PER ELEVATIONS

PERMIT TO PRACTICE
CAN-TEC SERVICES LTD.
 Signature *J. Loesel Sitar*
 Date *4.6.18*
PERMIT NUMBER: P 647
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01 SCHEMATIC - TANK, PIPING & ACCESSORIES : ON STAND
 M3.0 SCALE: NTS



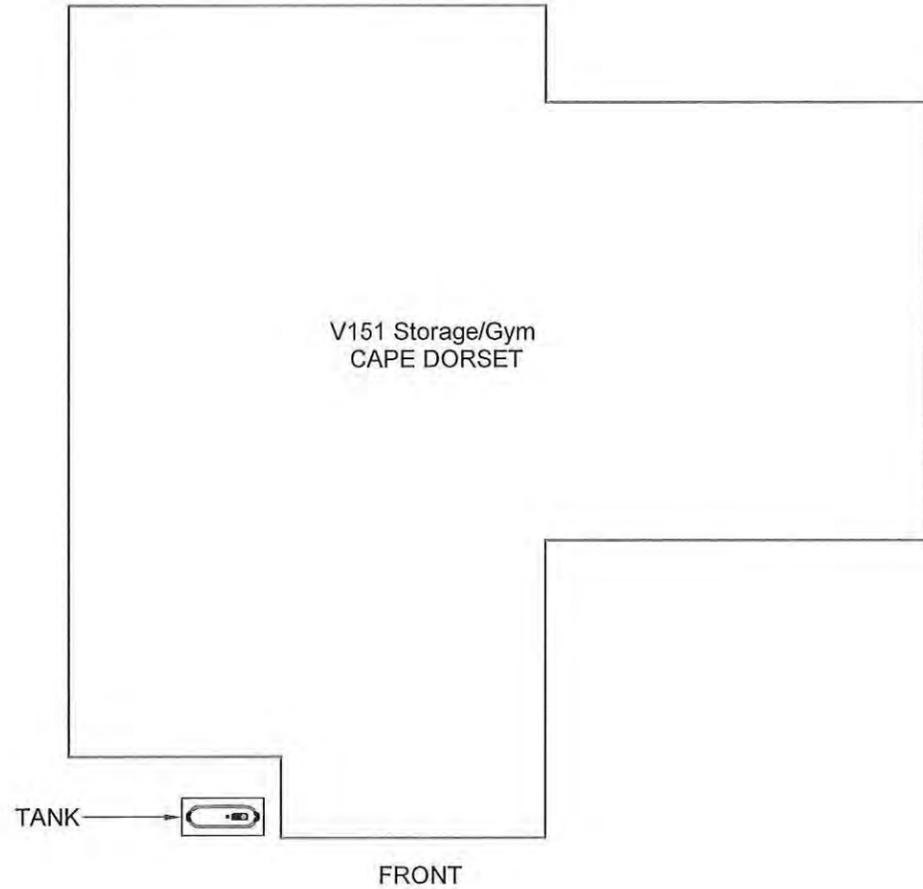
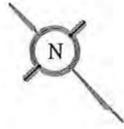
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 RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
 V160 - RESIDENCE , CAPE DORSET
 SHEET TITLE:
 SCHEMATIC
 PROJECT NUMBER:
 16-028-14-30

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

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

DRAWING NUMBER:
M3.0
 REVISION NUMBER:
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01 DEMOLITION PLAN
M1.0 SCALE: NTS

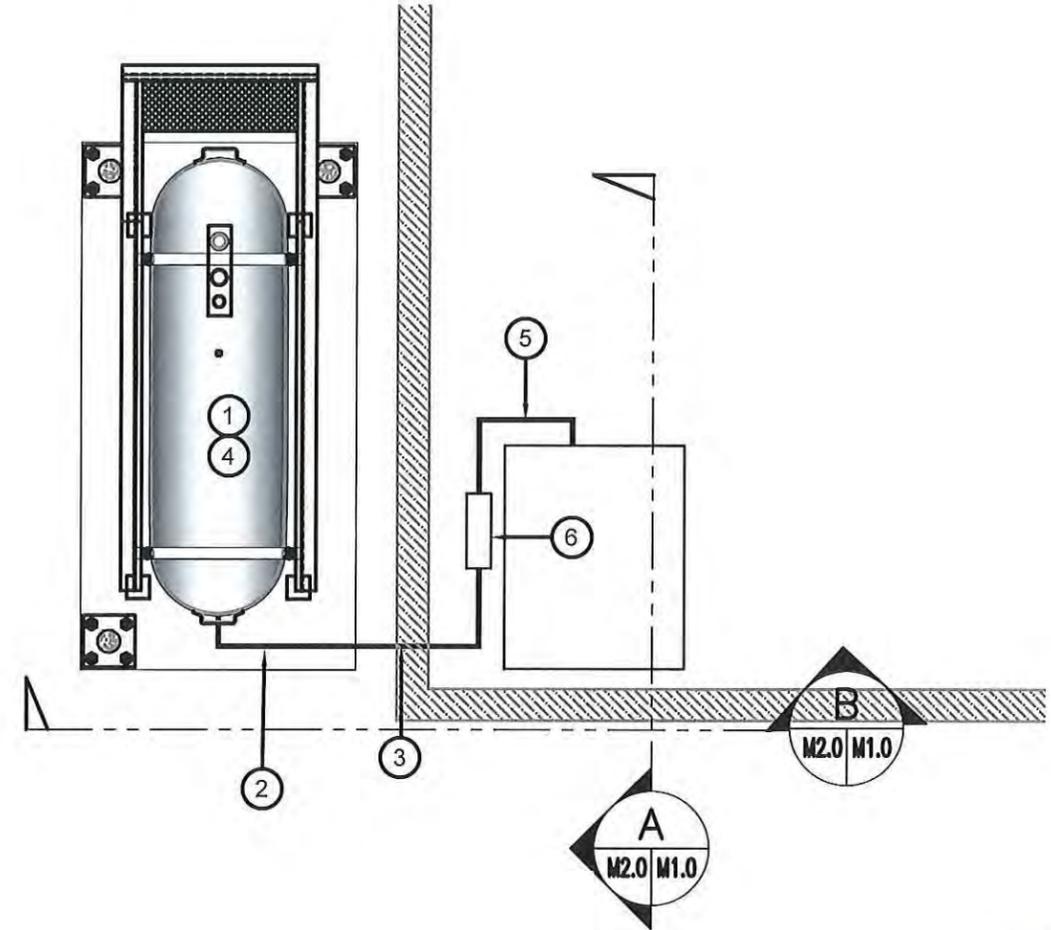
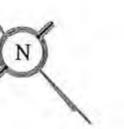
DEMOLITION NOTES:

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.

**PERMIT TO PRACTICE
CAN-TEC SERVICES LTD.**

Signature J.V. Loesel Sitar
Date 4.6.18

PERMIT NUMBER: P 647
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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
6. NEW WARMING TANK (WP-2)

INTERIOR REPAIR NOTES:

1. INSTALL APPROX 20' 0" PIPE TO MECHANICAL ROOM.
2. INSTALL NEW ACCESSORIES TO BURNER AS PER SHEET A3.0



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

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

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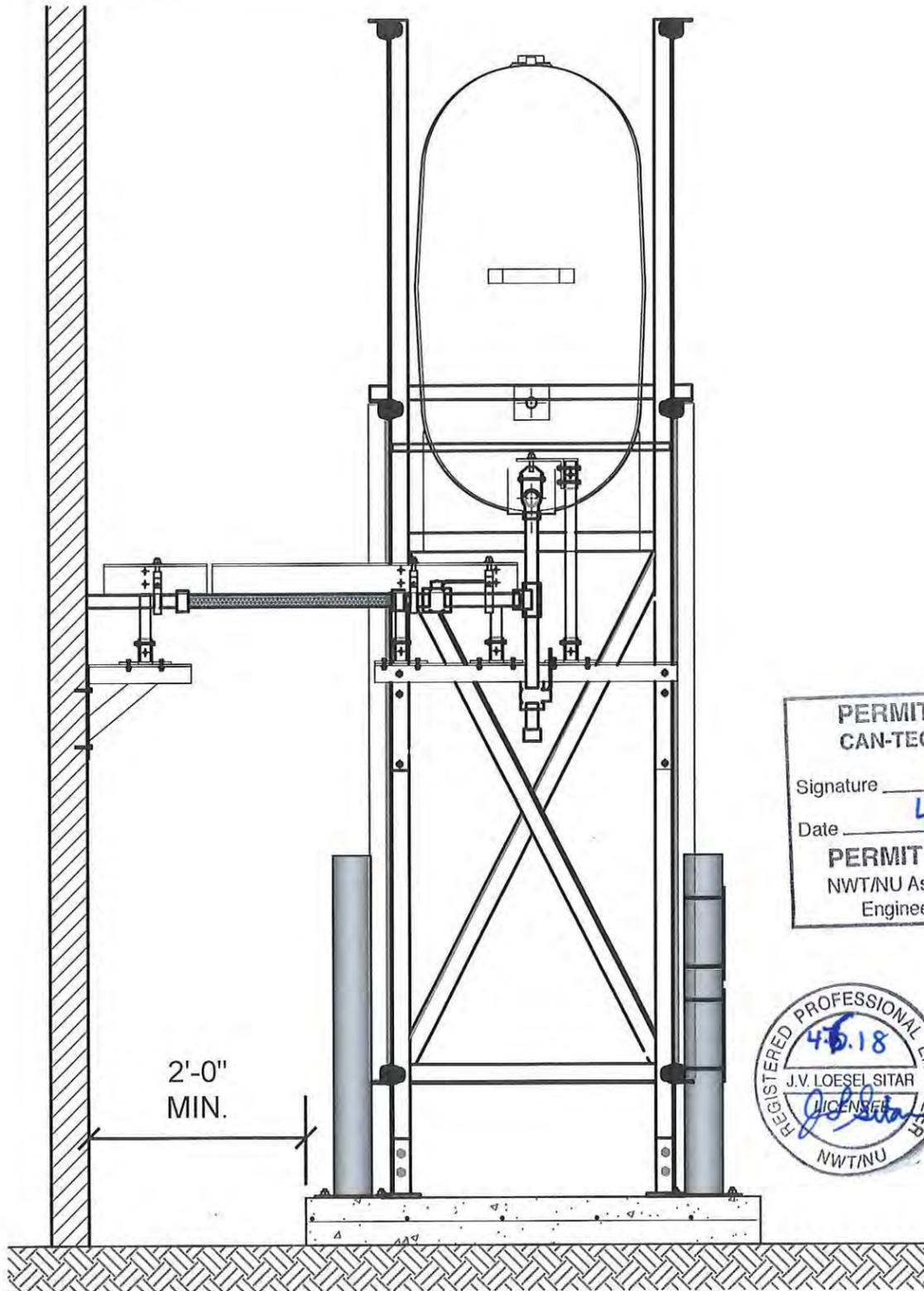
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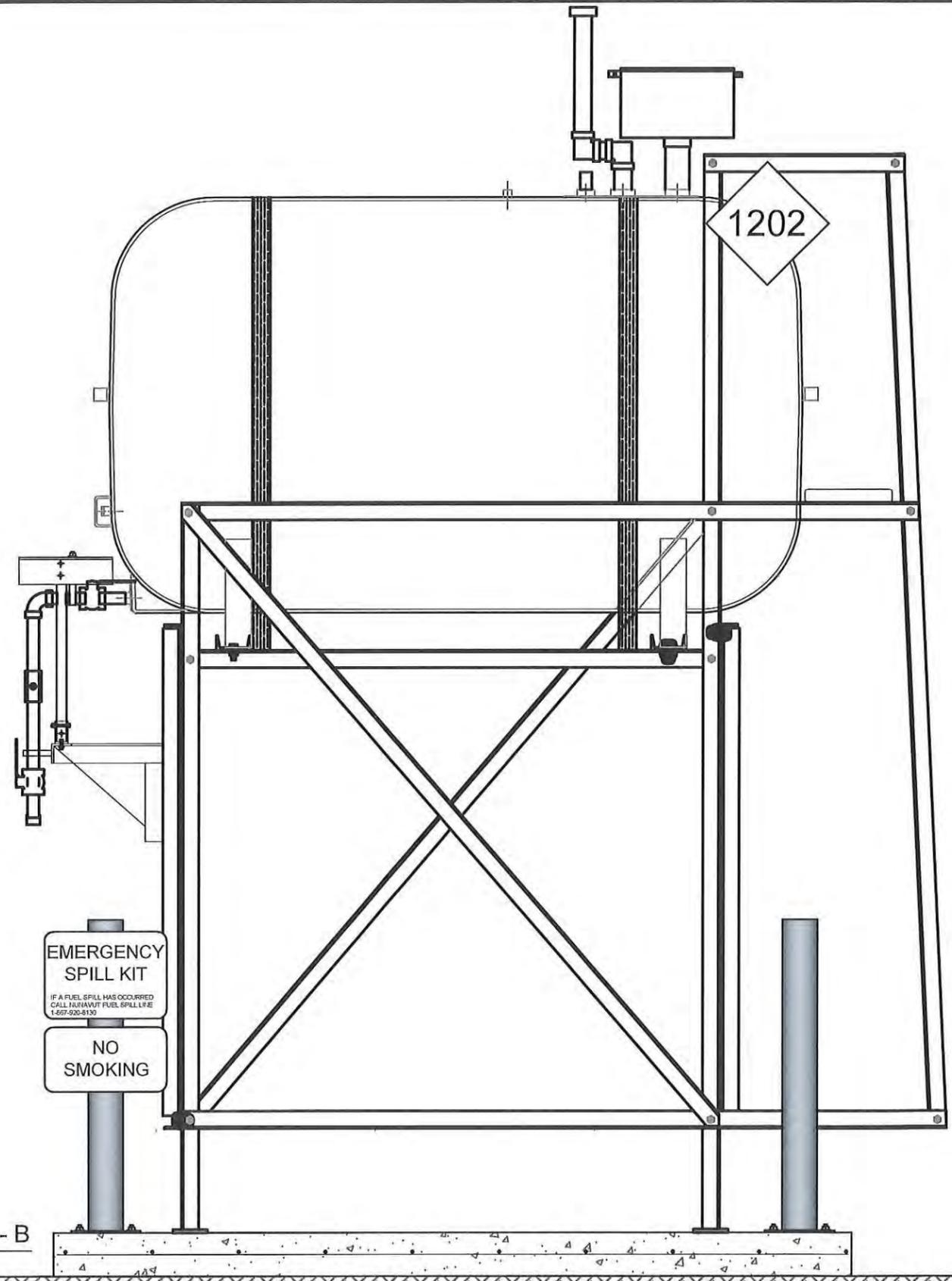
M1.0

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

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Date *4.5.18*
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02 OIL TANK ELEVATION - B
M2.0 SCALE: 3/4"=1'-0"



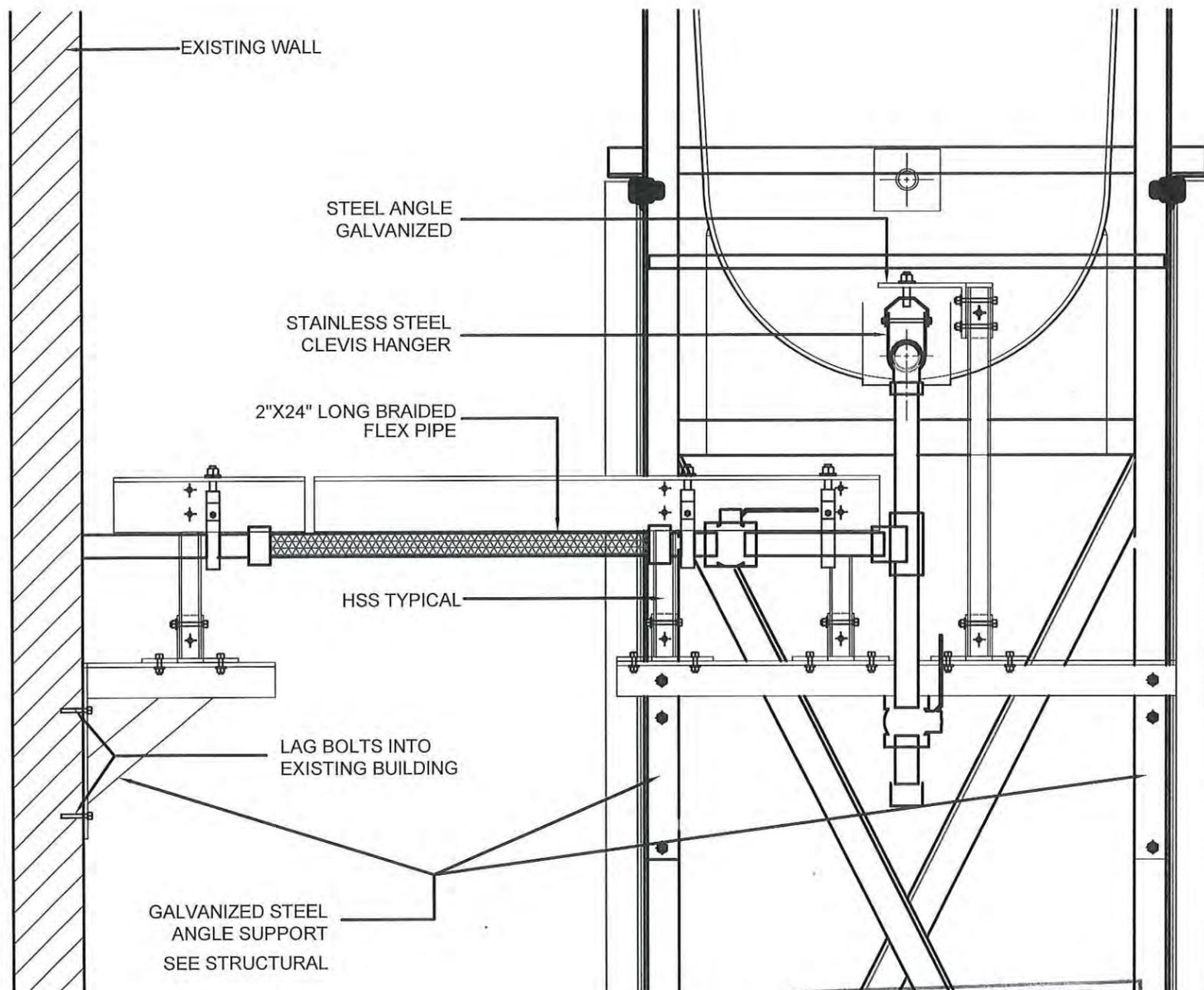
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V151 - STORAGE/GYM, CAPE DORSET
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

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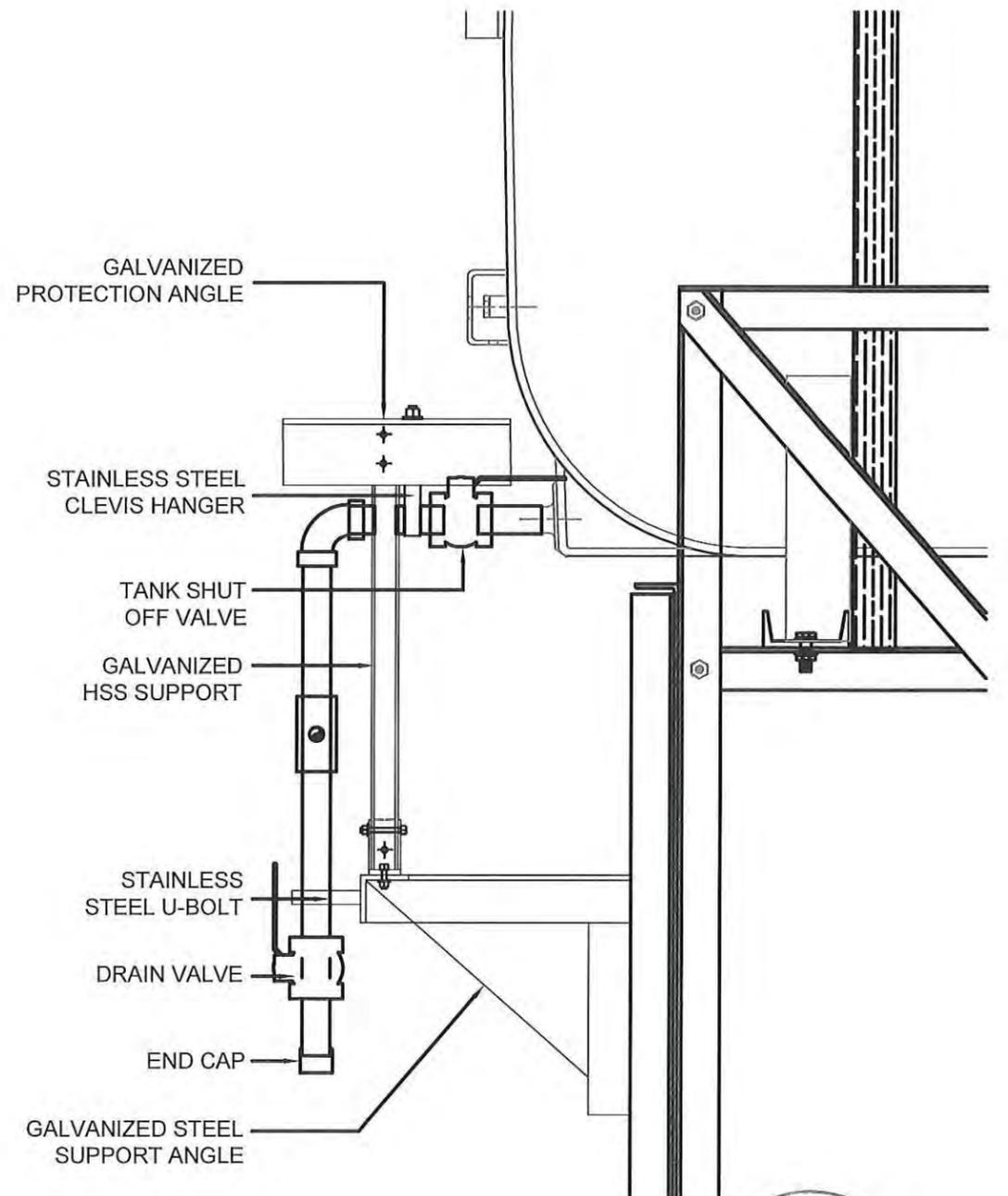
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

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

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Date *4.9.18*
PERMIT NUMBER: P 647
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02 SIDE VIEW
M2.1 SCALE: 1 1/2"-1'-0"



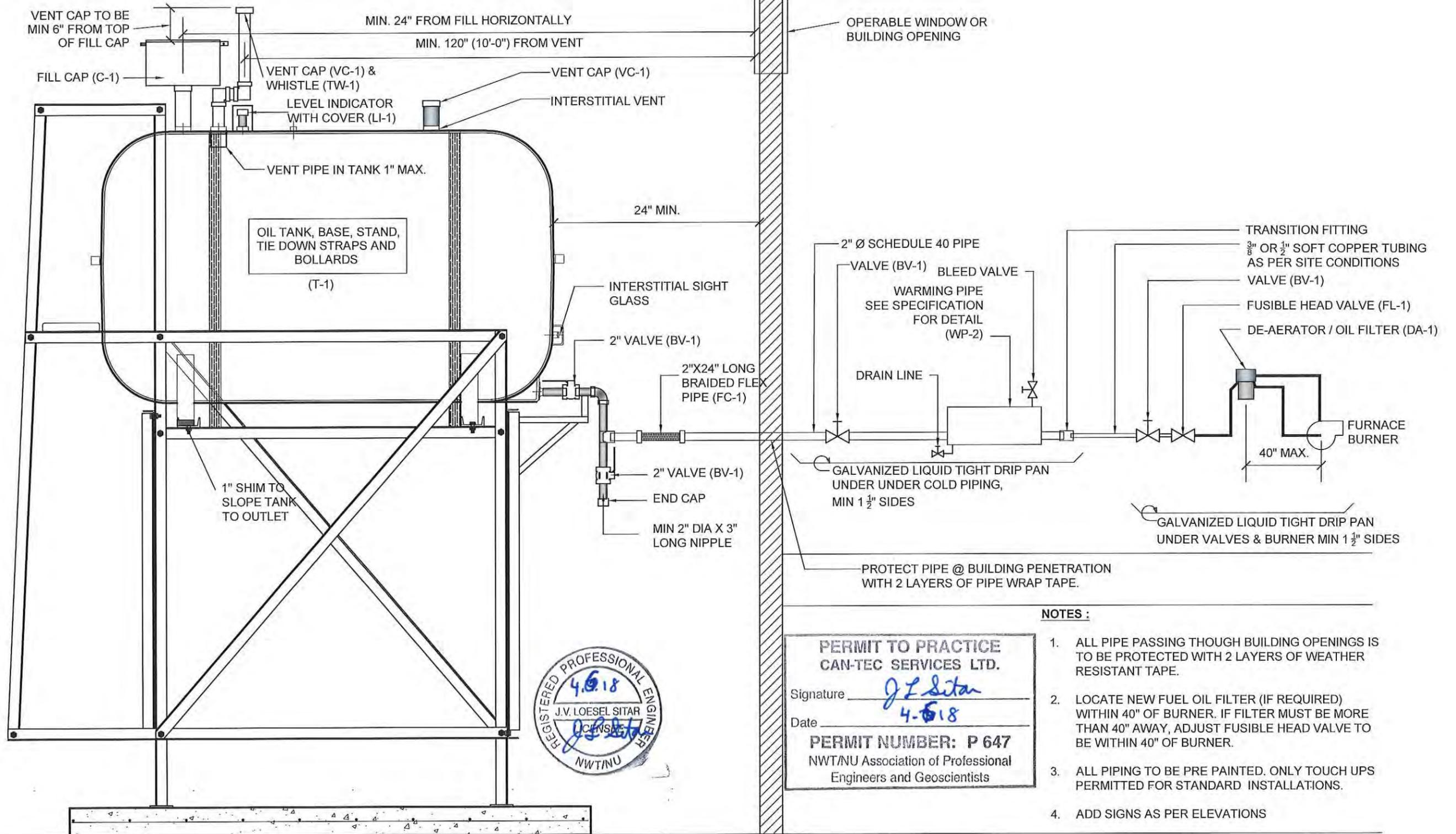
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V151 - STORAGE/GYM, CAPE DORSET
SHEET TITLE:
2" FUEL LINE SUPPORT DETAIL
PROJECT NUMBER:
16-028-14-30

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AS NOTED
DATE (YY MM DD):
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DRAWING NUMBER:
M2.1
REVISION NUMBER:
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PERMIT TO PRACTICE
CAN-TEC SERVICES LTD.
 Signature J.L. Sitar
 Date 4-6-18
PERMIT NUMBER: P 647
 NWT/NU Association of Professional
 Engineers and Geoscientists

- 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 SIGNS AS PER ELEVATIONS

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



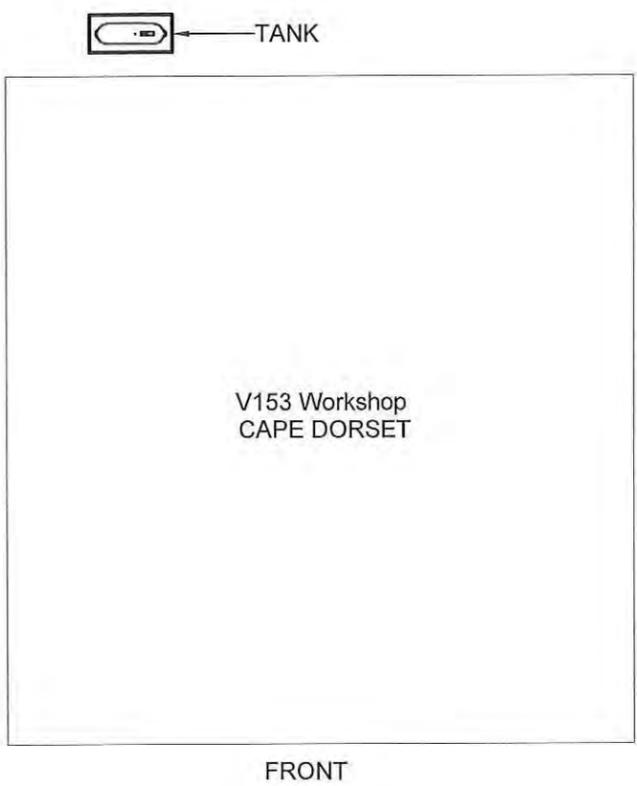
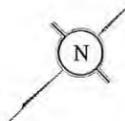
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 RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
 V151 - STORAGE/GYM, CAPE DORSET
 SHEET TITLE:
 SCHEMATIC
 PROJECT NUMBER:
 16-028-14-30

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 DATE (YY MM DD):
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DRAWING NUMBER:
M3.0
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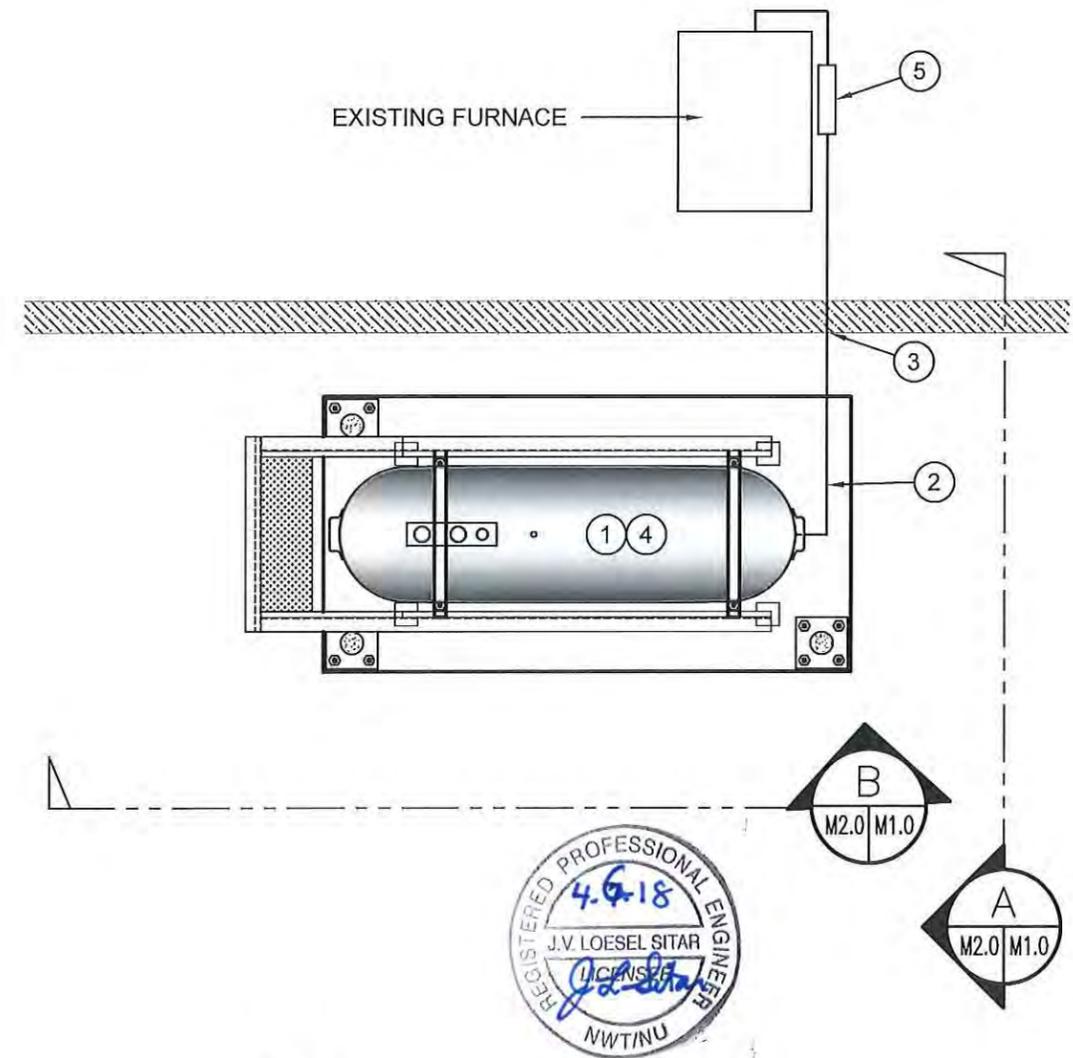
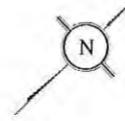


01 DEMOLITION PLAN
M1.0 SCALE: NTS

PERMIT TO PRACTICE
CAN-TEC SERVICES LTD.
Signature *J.L. Sitar*
Date *4.6.18*
PERMIT NUMBER: P 647
NWT/NU Association of Professional
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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 DETAIL
5. NEW ACCESSORIES AND WARMING TANK (WP-2)

INTERIOR REPAIR NOTES:

1. INSTALL NEW PIPING, FUSIBLE LINK, DE-AERATOR/FILTER, VALVES TO EXISTING FURNACE BURNER AS PER A3.0



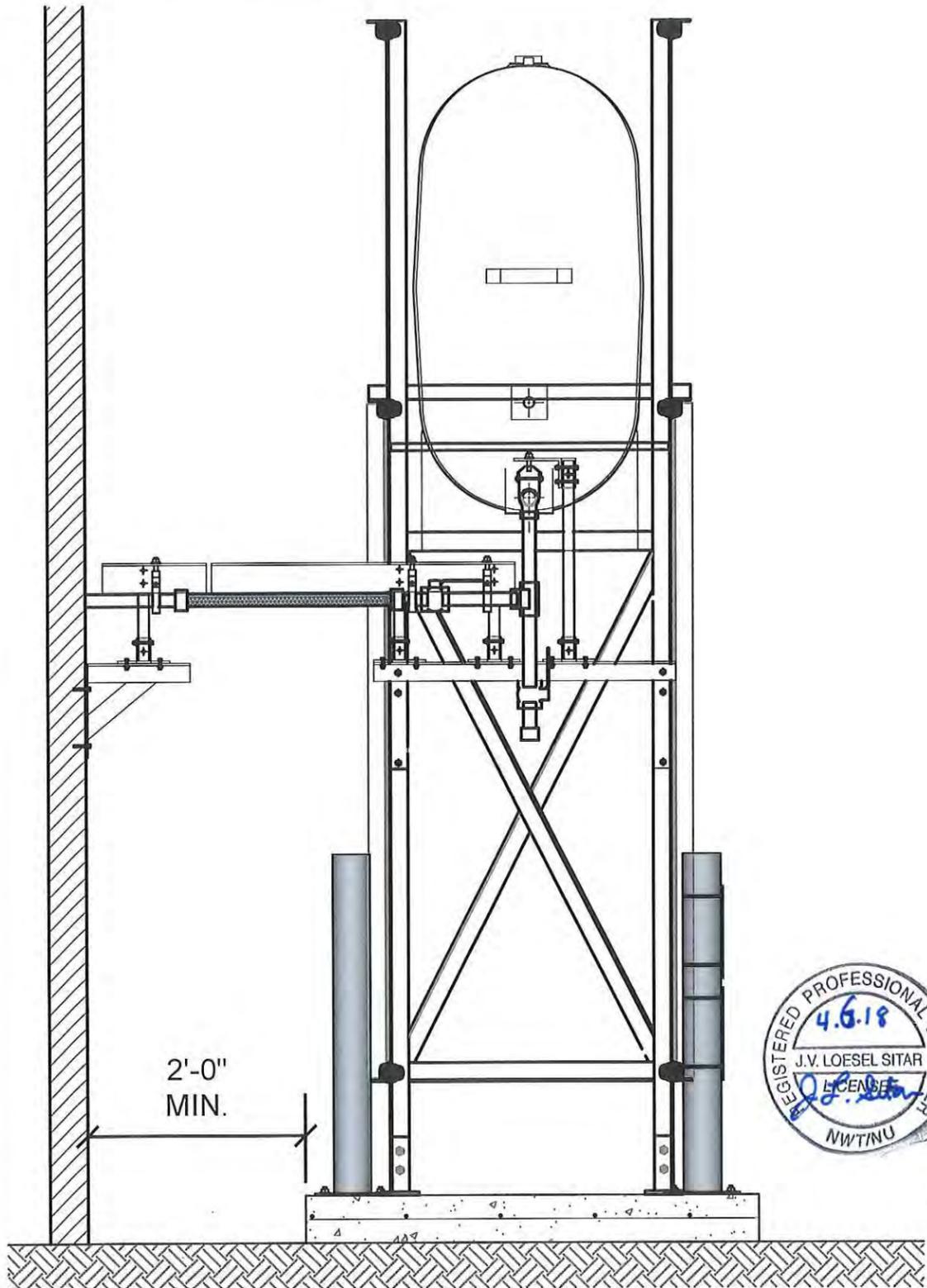
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RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V153 - WORKSHOP , CAPE DORSET
SHEET TITLE:
DEMOLITION AND CONSTRUCTION PLAN
PROJECT NUMBER:
16-028-14-30

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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

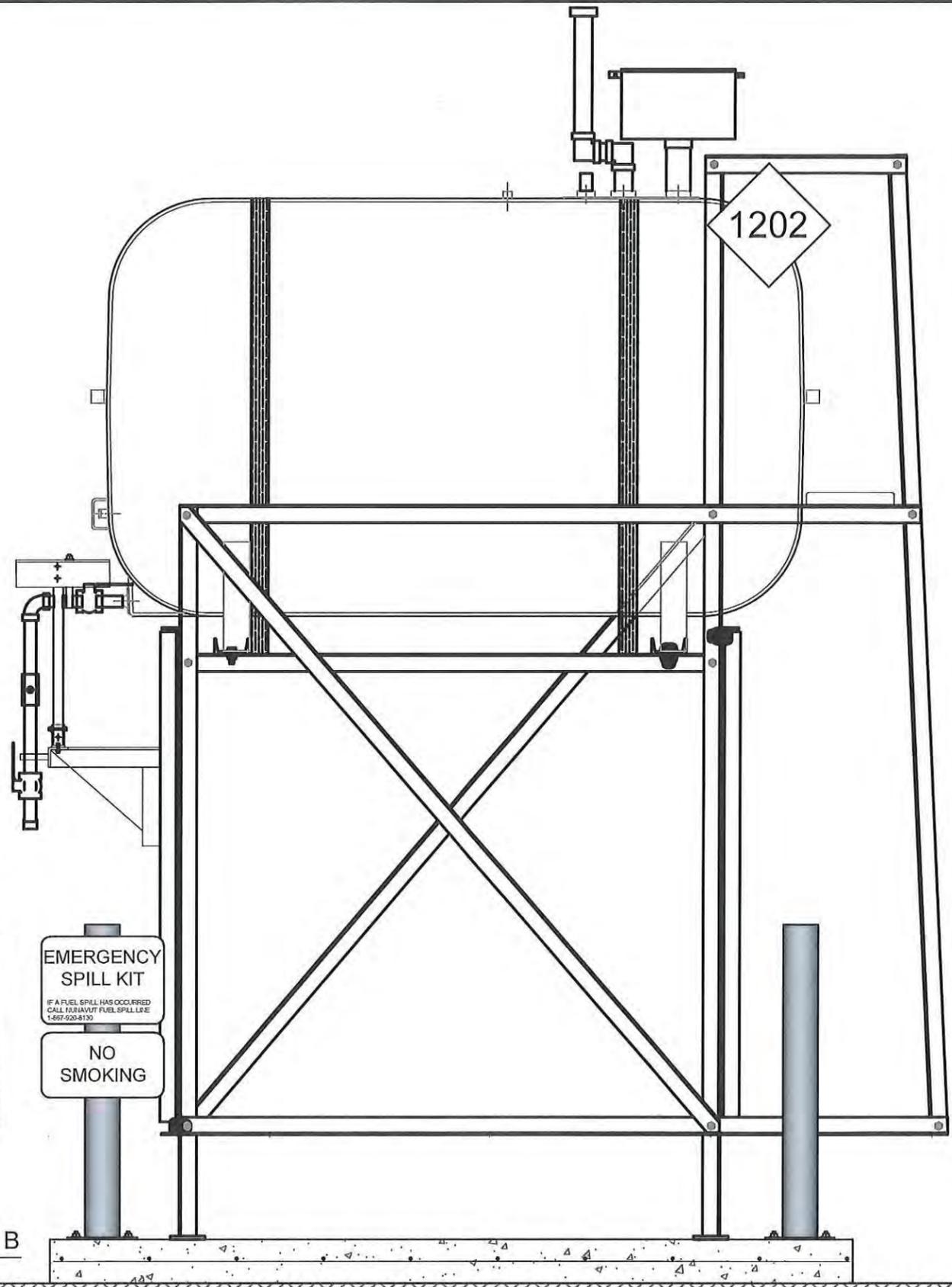


01 OIL TANK ELEVATION - A
M2.0 SCALE: 3/4"-1'-0"



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Date 4.6.18
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02 OIL TANK ELEVATION - B
M2.0 SCALE: 3/4"-1'-0"



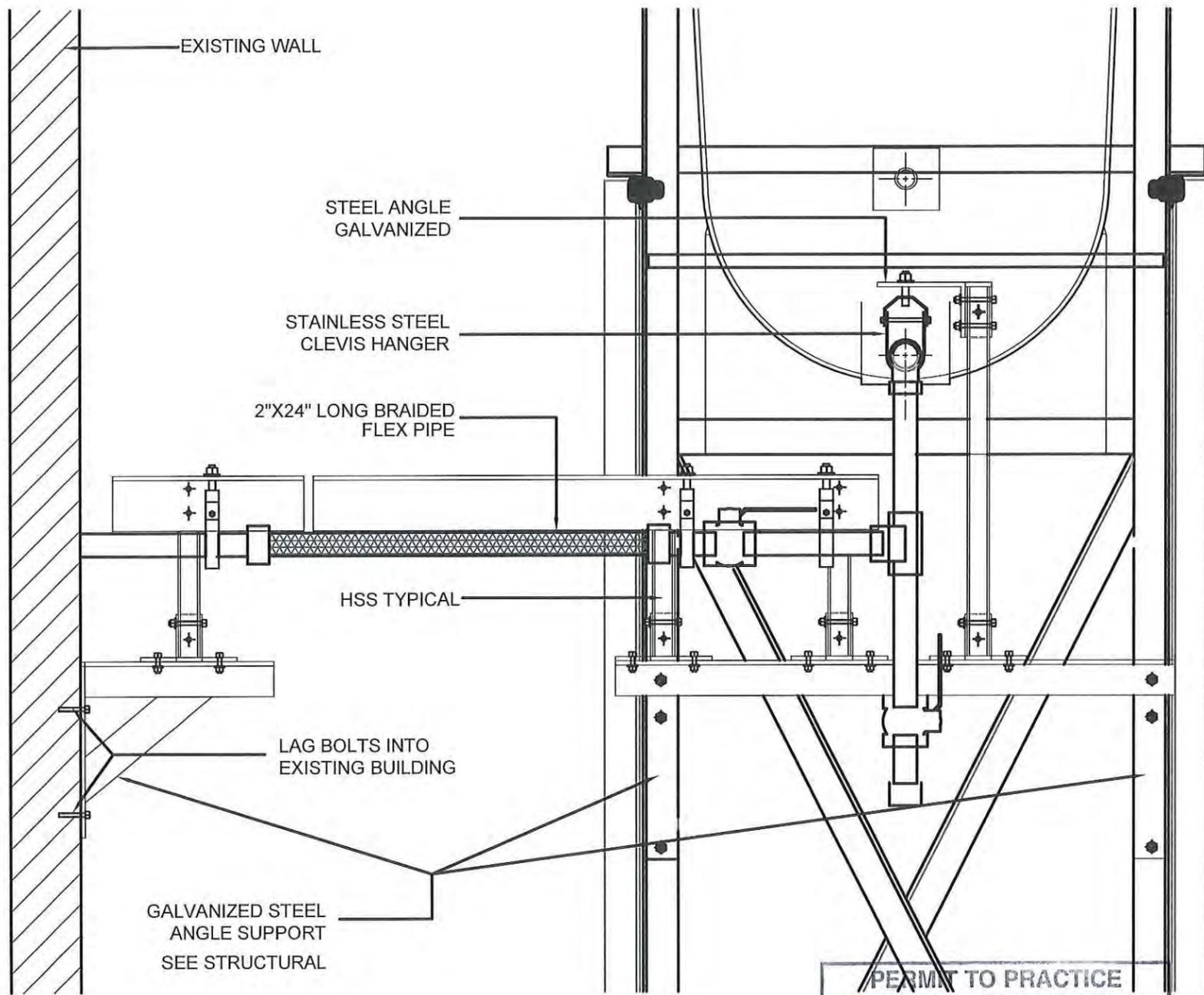
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V153 - WORKSHOP, CAPE DORSET
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

00	ISSUED FOR TENDER	18 05 18	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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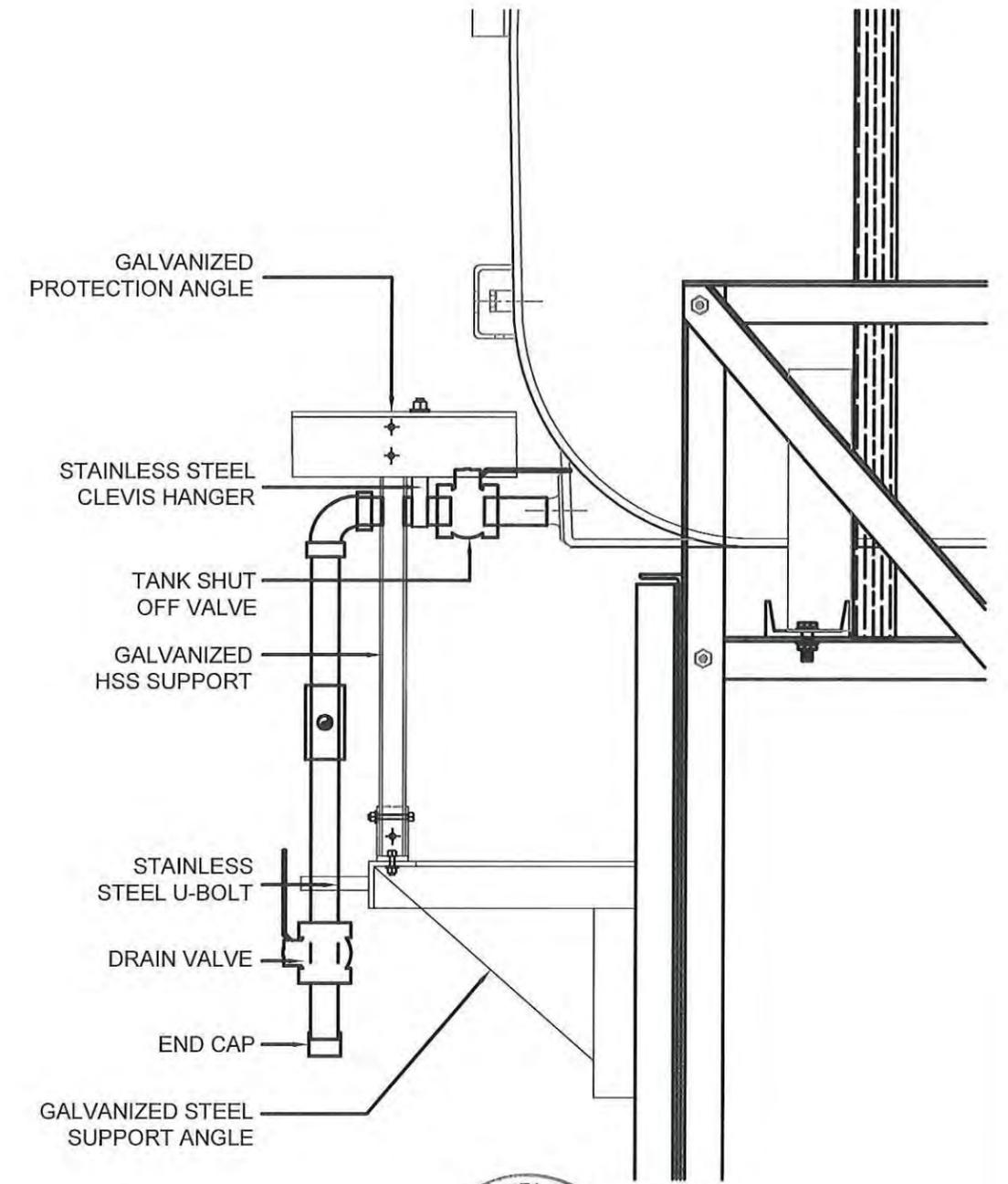
SCALE:
AS NOTED
DATE (YY MM DD):
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DRAWING NUMBER:
M2.0
REVISION NUMBER:
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01 FRONT VIEW
M2.1 SCALE: 1 1/2"-1'-0"

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

REGISTERED PROFESSIONAL ENGINEER
4.6.18
J.V. LOESEL SITAR
NWT/NU



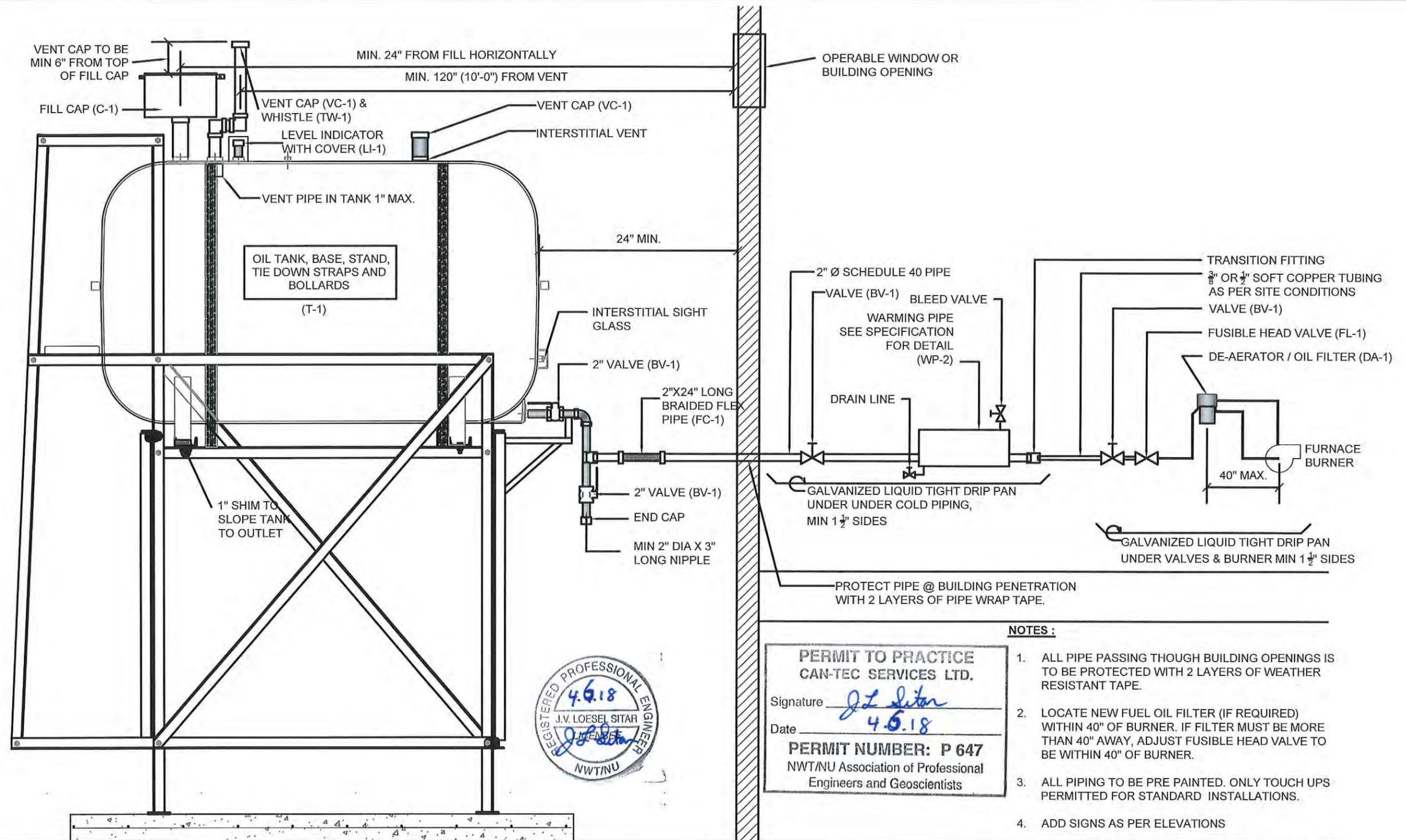
PROJECT TITLE
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V153 - WORKSHOP, CAPE DOUSET
SHEET TITLE
2" FUEL LINE SUPPORT DETAIL
PROJECT NUMBER:
16-028-14-30

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00	ISSUED FOR TENDER	18 05 18	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:
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 Date *4.6.18*
PERMIT NUMBER: P 647
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- 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 SIGNS AS PER ELEVATIONS

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



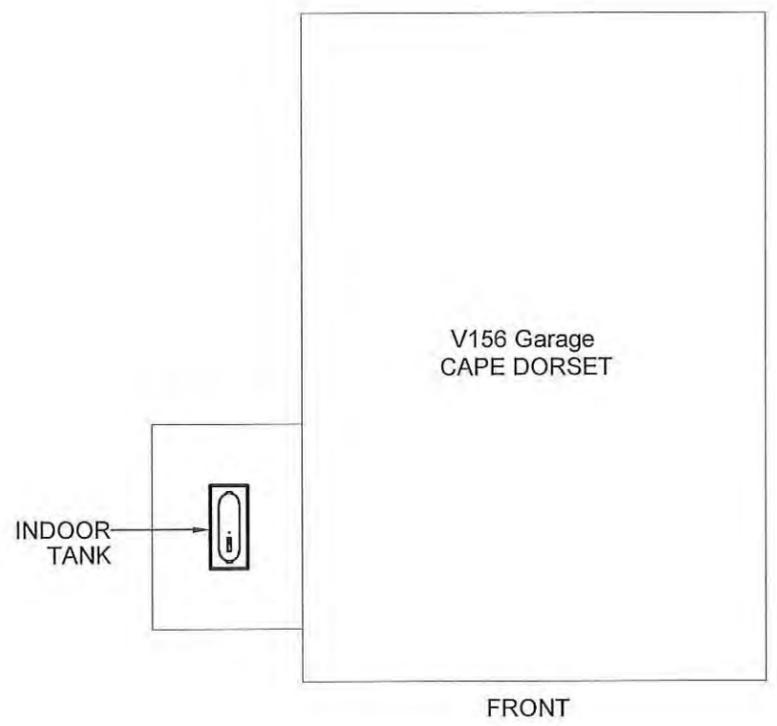
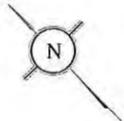
PROJECT TITLE:
 RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
 V153 - WORKSHOP , CAPE DORSET
 SHEET TITLE:
 SCHEMATIC
 PROJECT NUMBER:
 16-028-14-30

00	ISSUED FOR TENDER	18 05 18	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

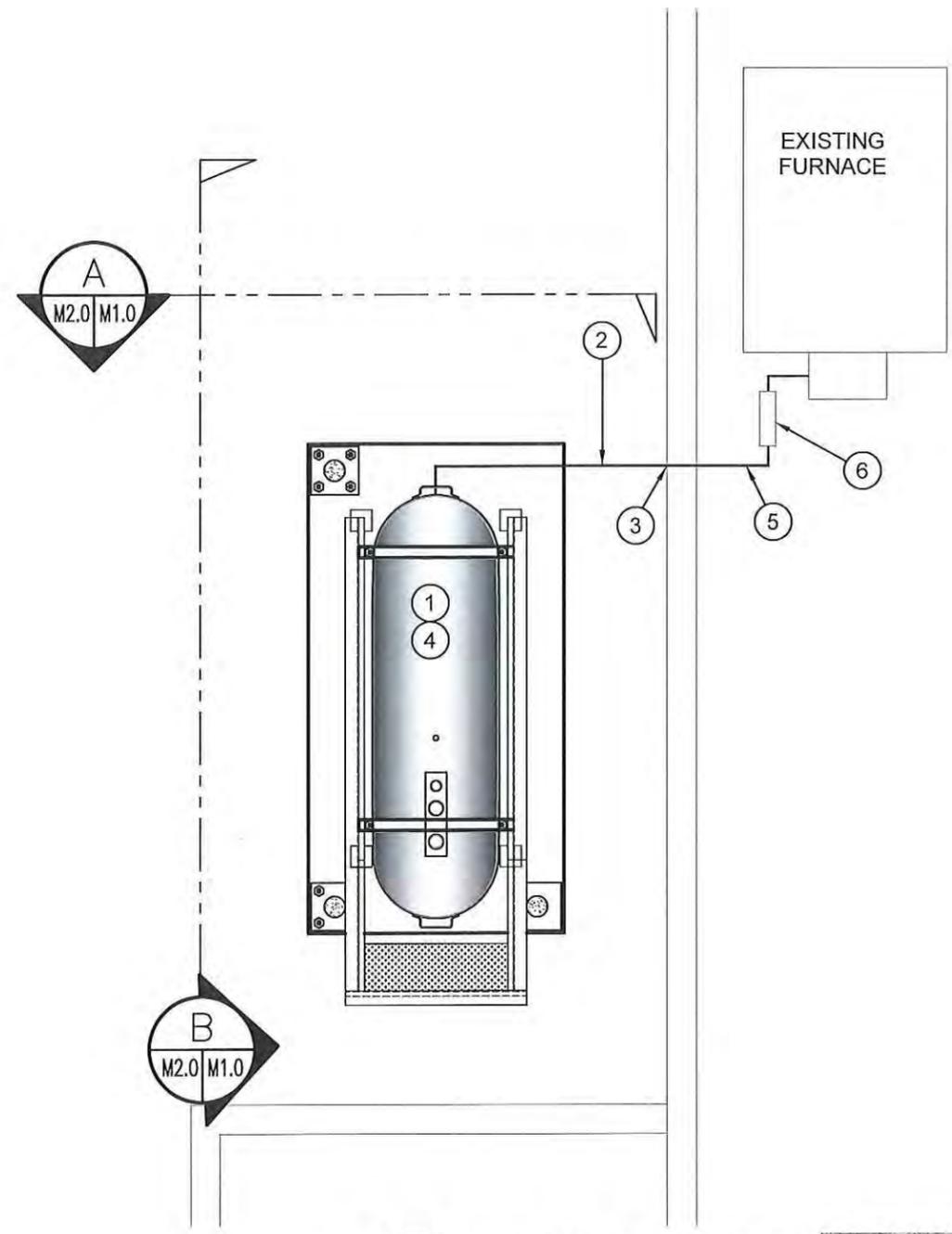
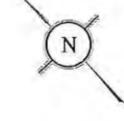
DRAWING NUMBER:
M3.0
 REVISION NUMBER:
 00



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 2"Ø PIPE TO FURNACE APPROXIMATELY 10'-0"
6. INSTALL NEW WARMING TANK (WP-2) AND ACCESSORIES SEE SHEET M3.0 FOR DETAILS

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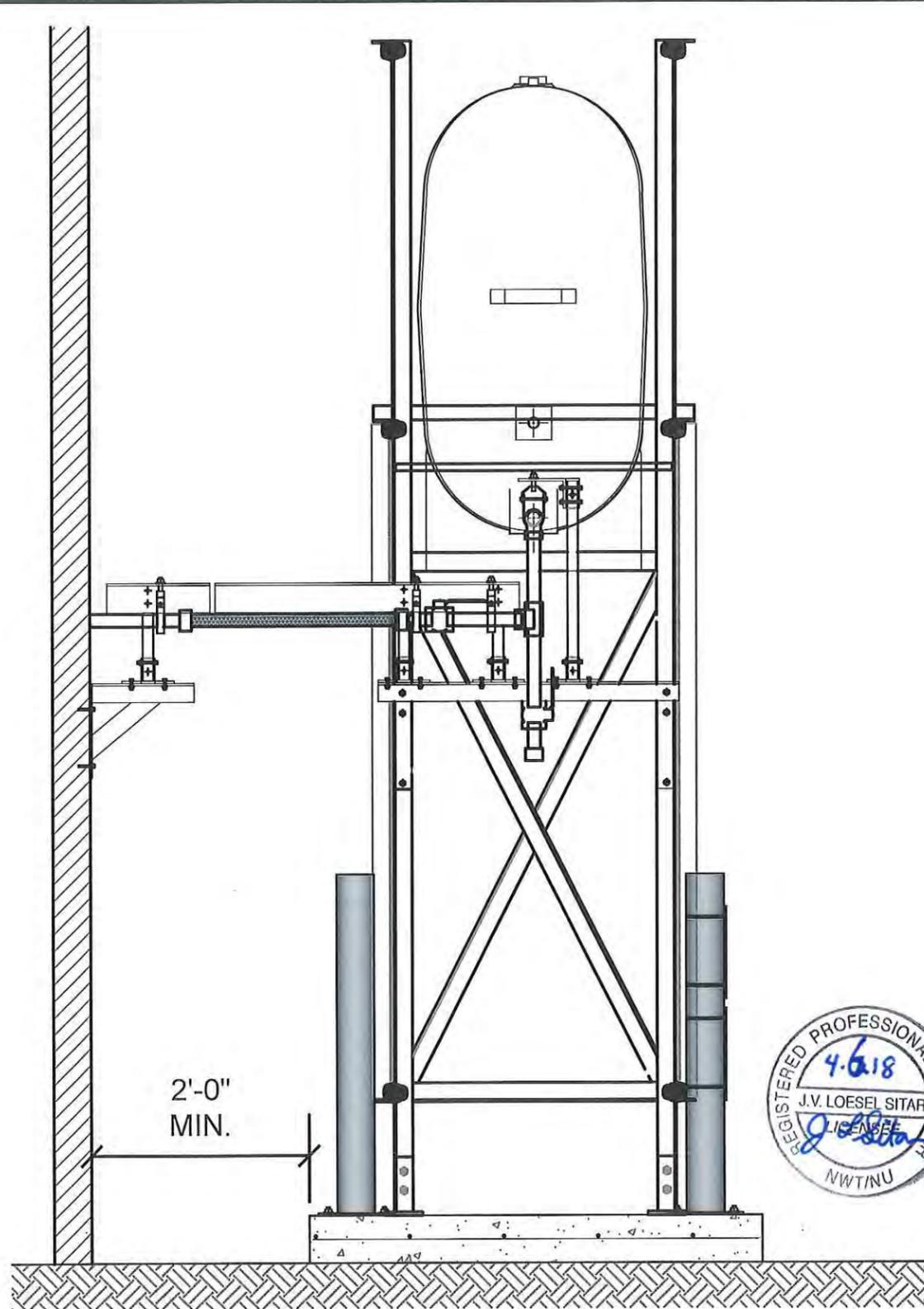
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V156 - GARAGE , CAPE DORSET
SHEET TITLE:
DEMOLITION AND CONSTRUCTION PLAN
PROJECT NUMBER:
16-028-14-30

00	ISSUED FOR TENDER	18 05 18	JLS
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REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
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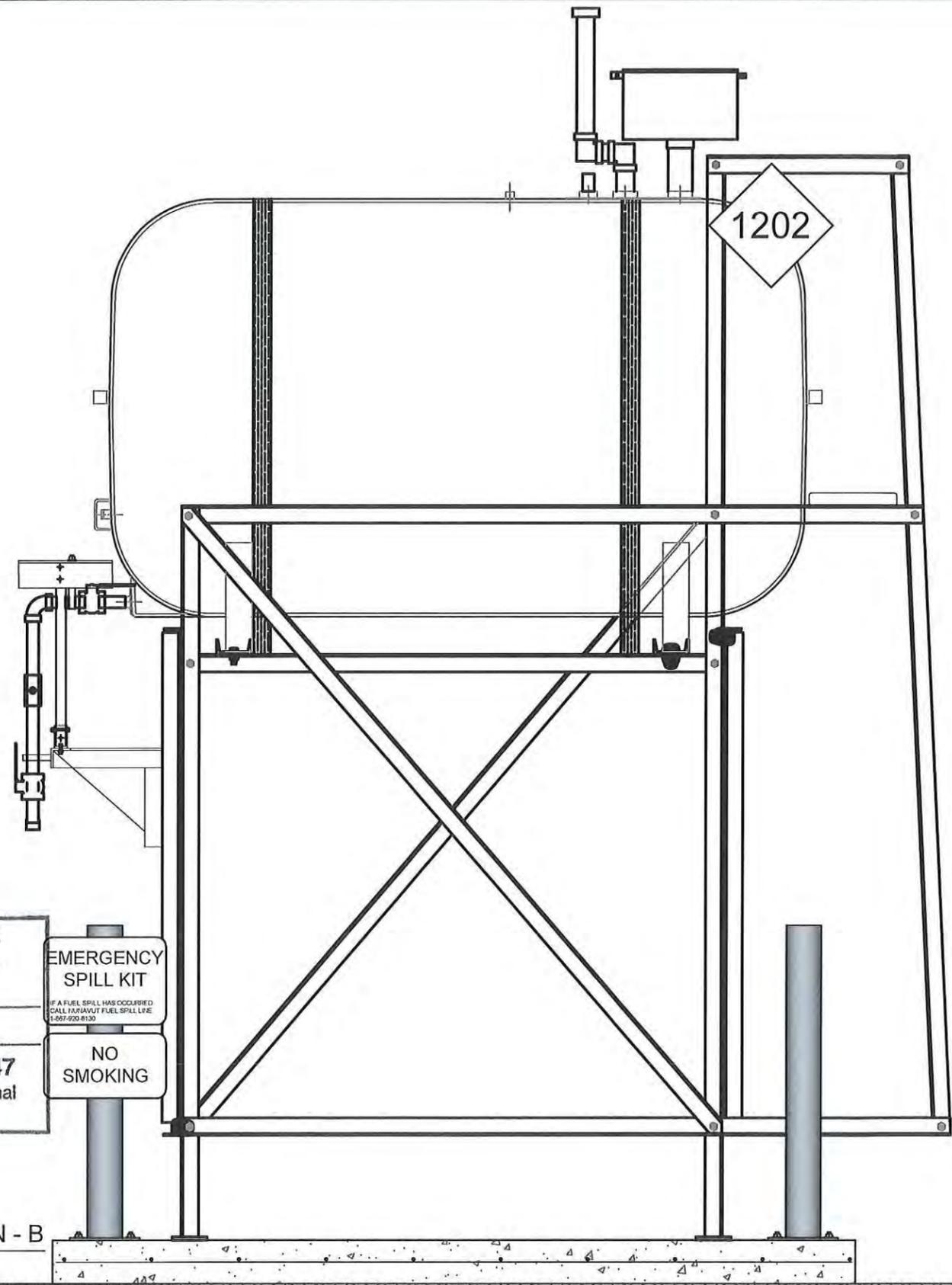
DRAWING NUMBER:
M1.0
REVISION NUMBER:
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01 OIL TANK ELEVATION - A
M2.0 SCALE: 3/4"-1'-0"



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



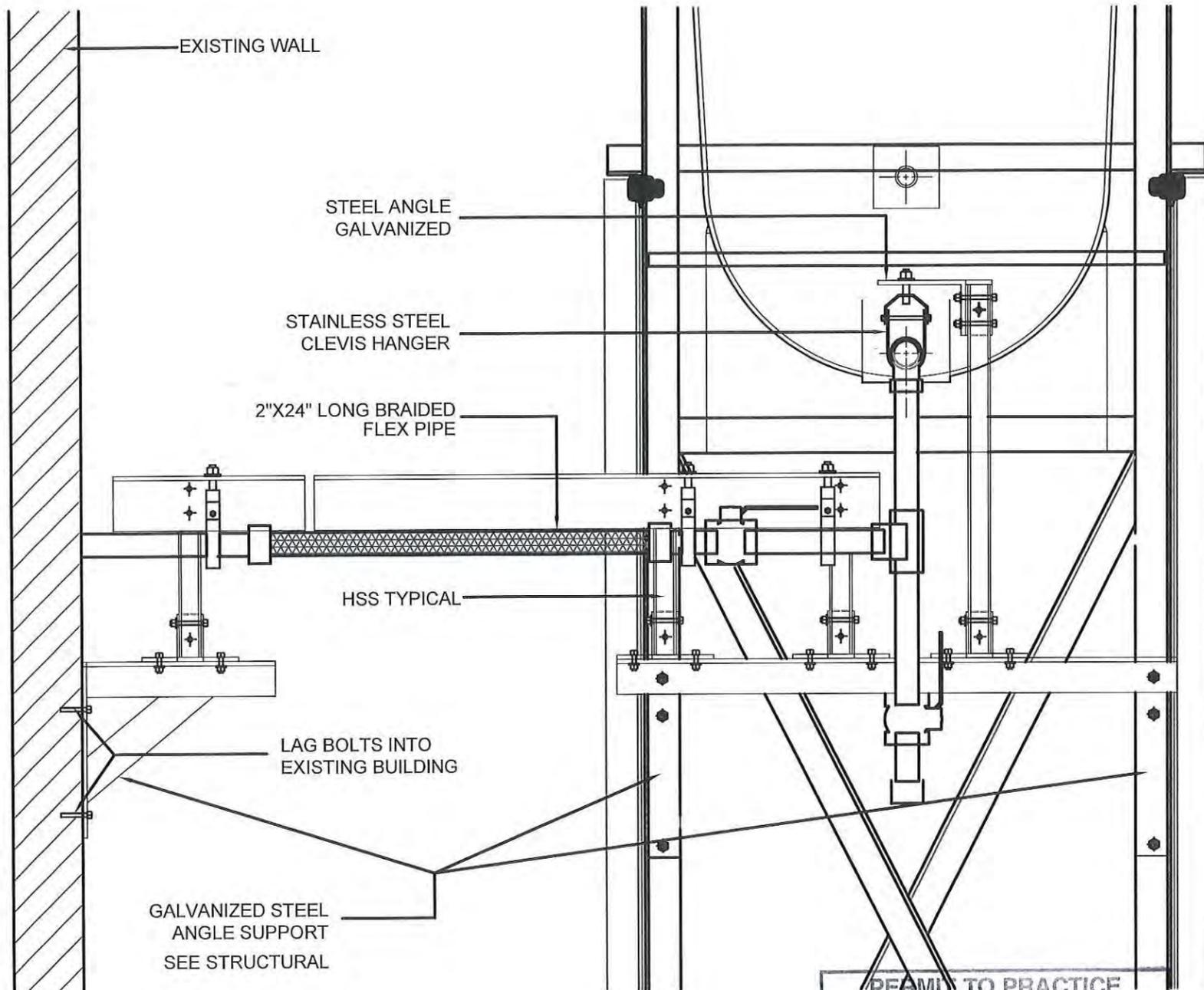
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V156 - GARAGE, CAPE DORSET
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR TENDER	18 05 18	JLS

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

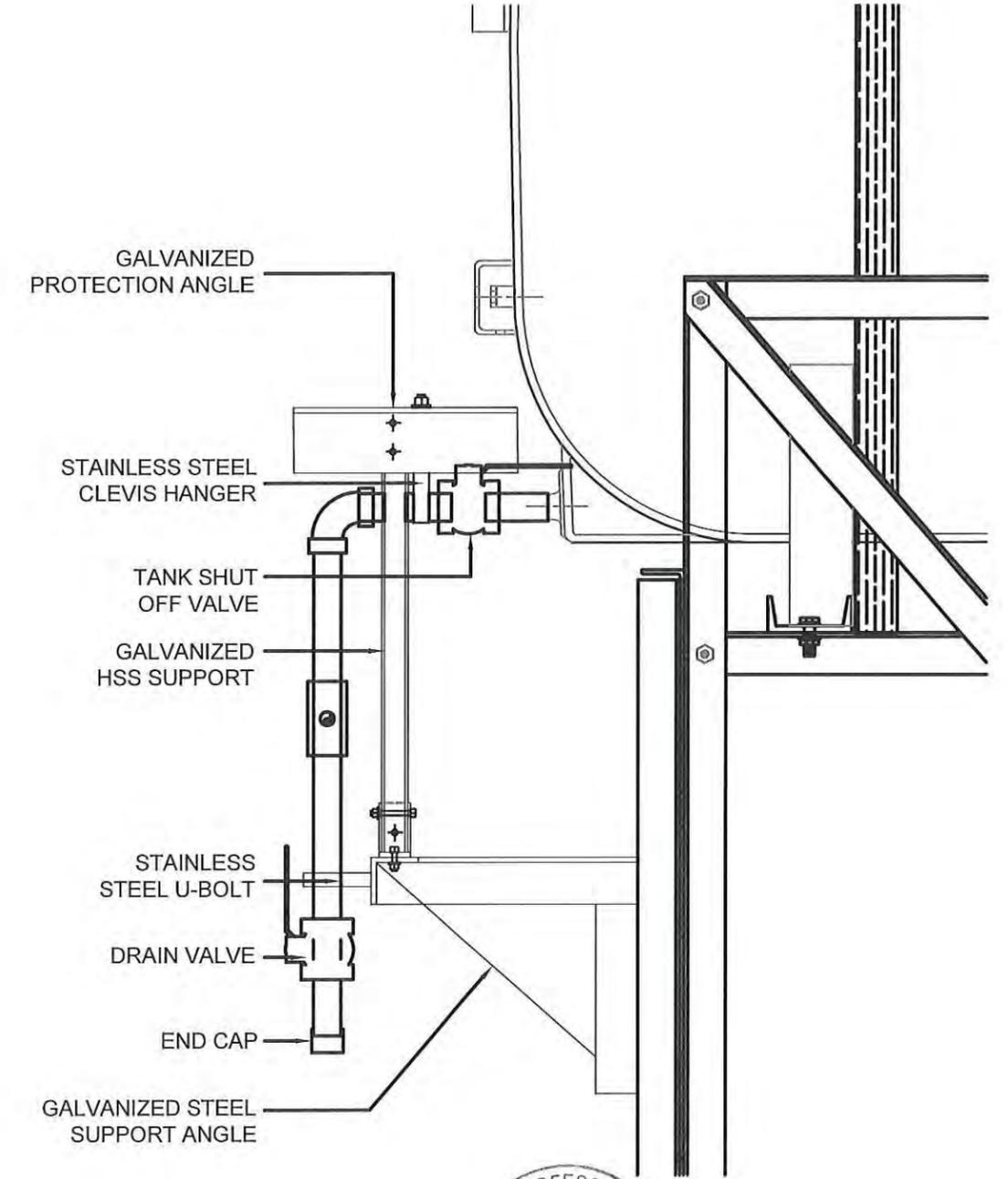
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

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

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



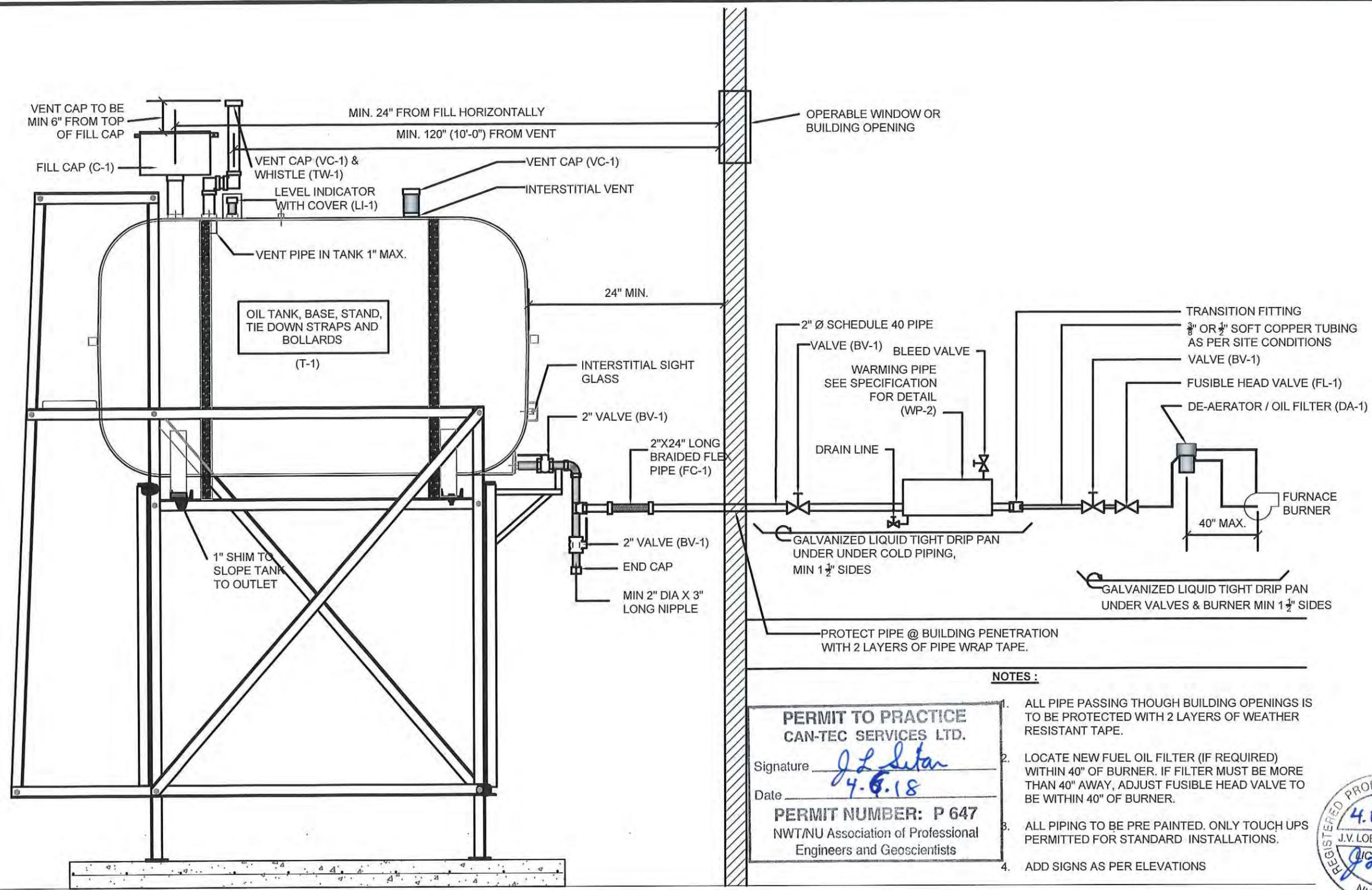
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V156 - GARAGE, CAPE DORSET
SHEET TITLE:
2" FUEL LINE SUPPORT DETAIL
PROJECT NUMBER:
16-028-14-30

00	ISSUED FOR TENDER	18 05 18	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

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

DRAWING NUMBER:
M2.1
REVISION NUMBER:
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NOTES :

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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 SIGNS AS PER ELEVATIONS



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



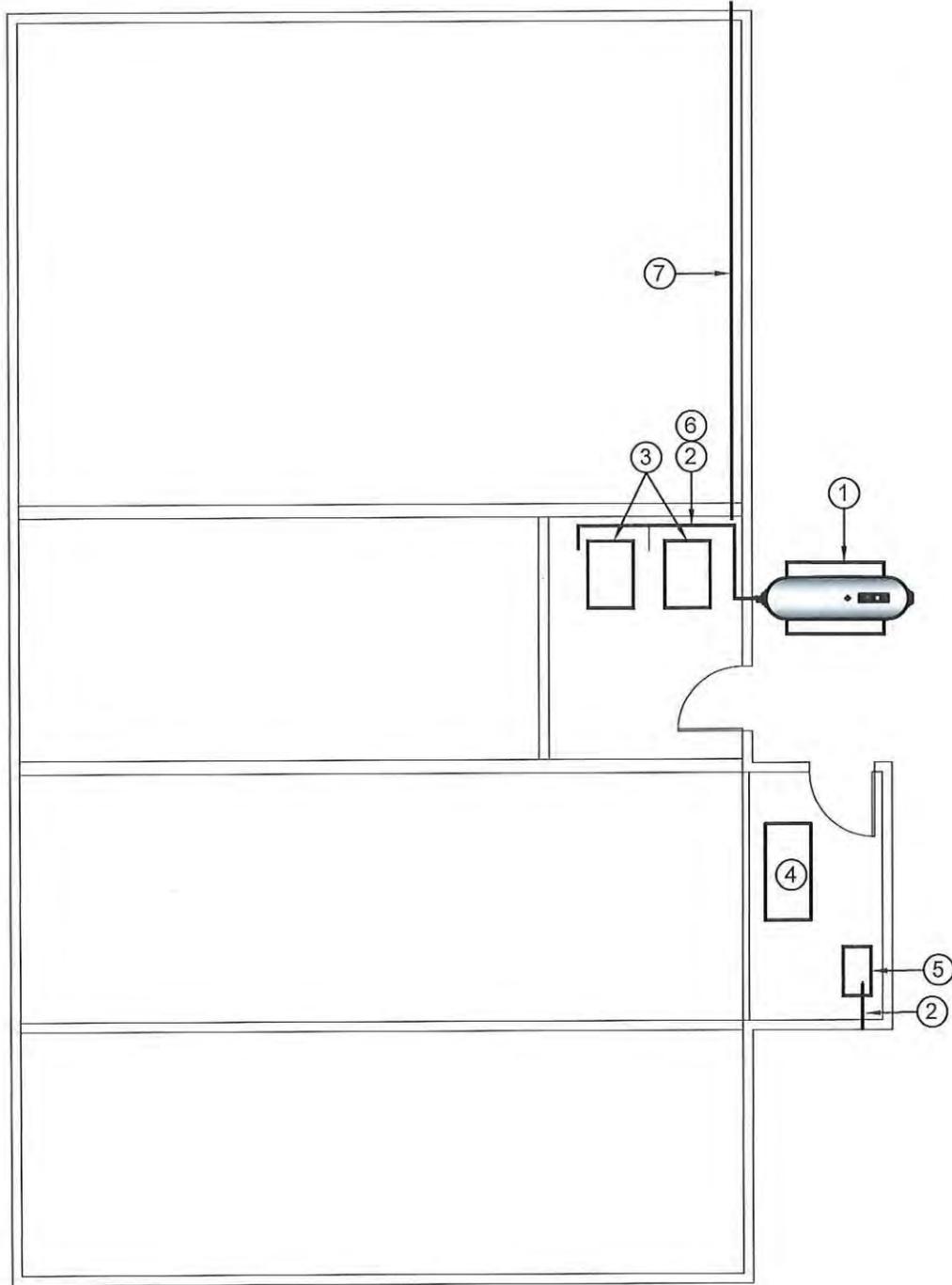
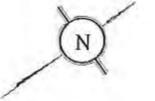
PROJECT TITLE:
 RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
 V156 - GARAGE , CAPE DORSET
 SHEET TITLE:
 SCHEMATIC
 PROJECT NUMBER:
 16-028-14-30

00 ISSUED FOR TENDER 18 05 18 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.

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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	18 05 18	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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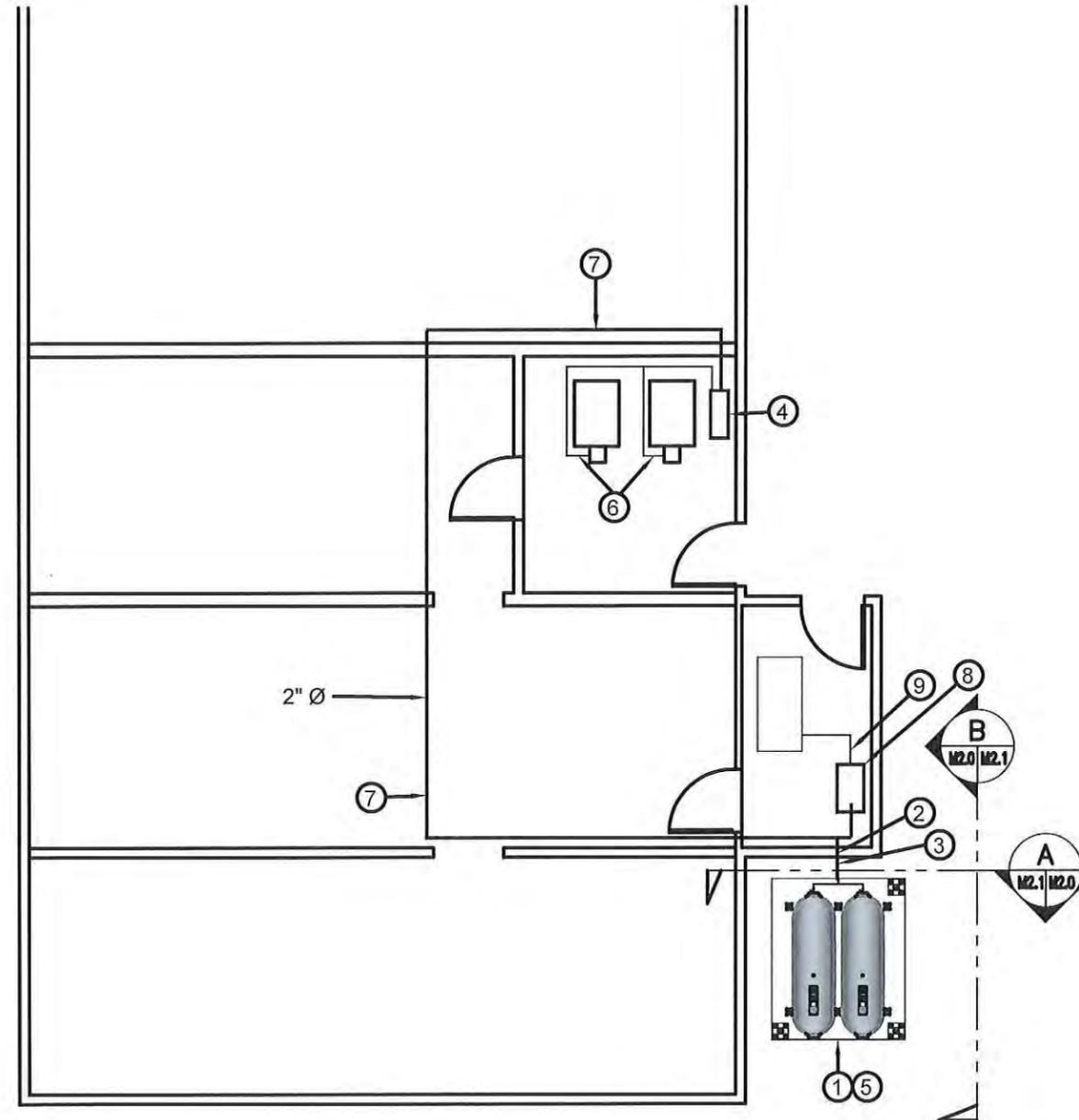
SCALE:
AS NOTED
DATE (YY MM DD):
17 06 09

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 M2.0 AND M2.1
4. INSTALL NEW WARMING PIPE (WP-1)
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 DAY TANK (T - 2) C/W SUPPORTS
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.



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

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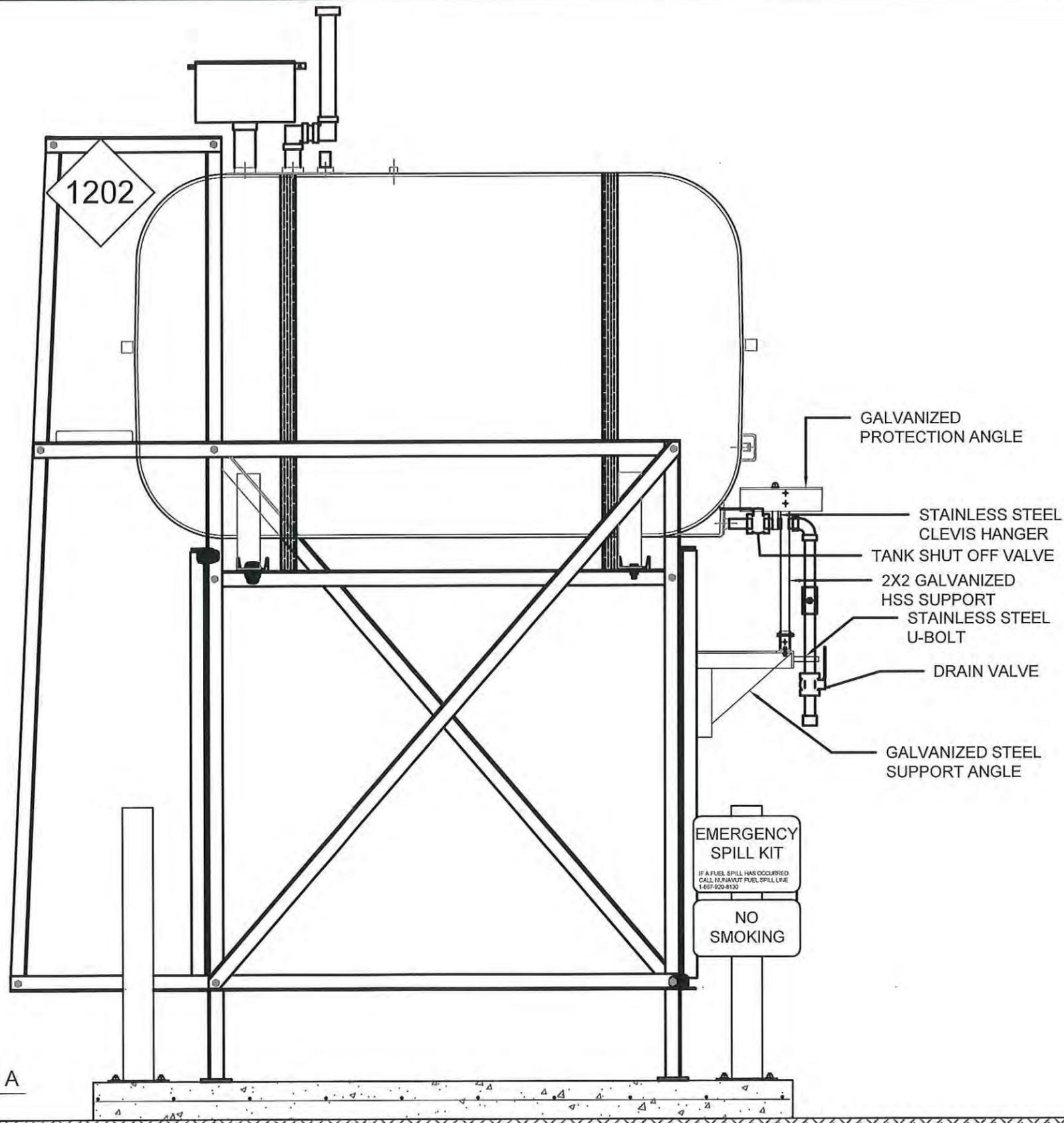
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V148 - DETACHMENT
SHEET TITLE:
CONSTRUCTION PLAN - CRAWL SPACE
PROJECT NUMBER:
16-028-14-30

00	ISSUED FOR TENDER	18 05 18	JLS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

REV. #	REVISION	DATE (YY MM DD)	REV. BY
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SCALE:
AS NOTED
DATE (YY MM DD):
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DRAWING NUMBER:
M1.1
REVISION NUMBER:
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- GALVANIZED PROTECTION ANGLE
- STAINLESS STEEL CLEVIS HANGER
- TANK SHUT OFF VALVE
- 2X2 GALVANIZED HSS SUPPORT
- STAINLESS STEEL U-BOLT
- DRAIN VALVE
- GALVANIZED STEEL SUPPORT ANGLE

EMERGENCY SPILL KIT
IF A FUEL SPILL HAS OCCURRED CALL NWT/NU FUEL SPILL URGE 1-667-920-8100

NO SMOKING

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



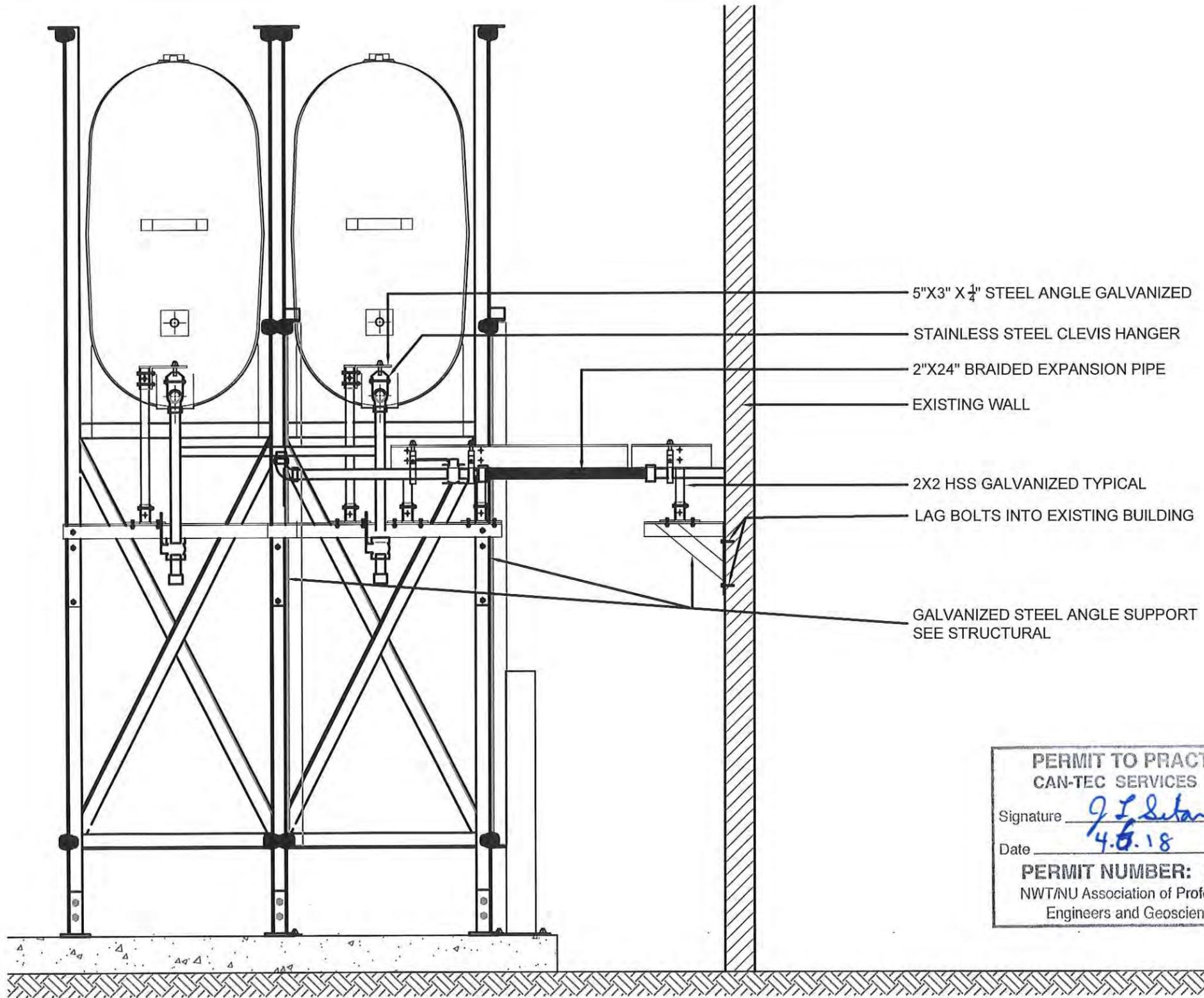
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 RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
 V148 - DETACHMENT
 SHEET TITLE:
 TANK ELEVATIONS
 PROJECT NUMBER:
 16-028-14-30

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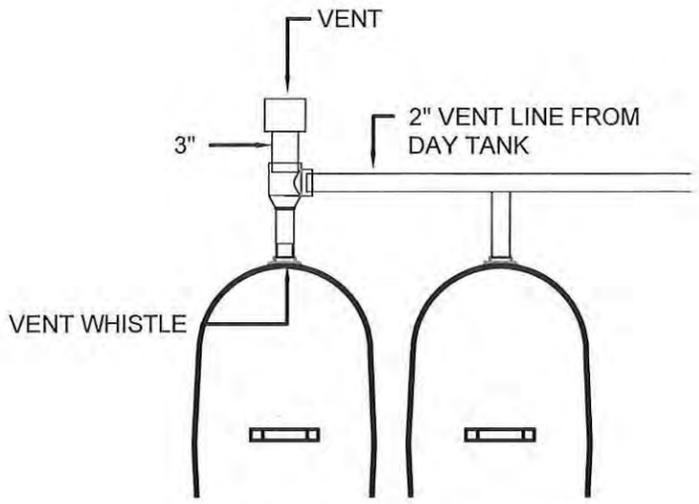
DRAWING NUMBER:
M2.0
 REVISION NUMBER:
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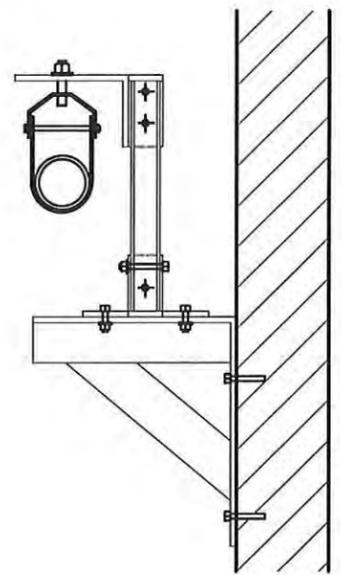
01 OIL TANK ELEVATION - B
M2.0 SCALE: 3/4"=1'-0"

- 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

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Date 4.6.18
PERMIT NUMBER: P 647
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02 TANK VENT DETAIL
M2.1 SCALE: 1/2"=1'-0"



03 WALL PIPE SUPPORT
M2.1 SCALE: 1/2"=1'-0"



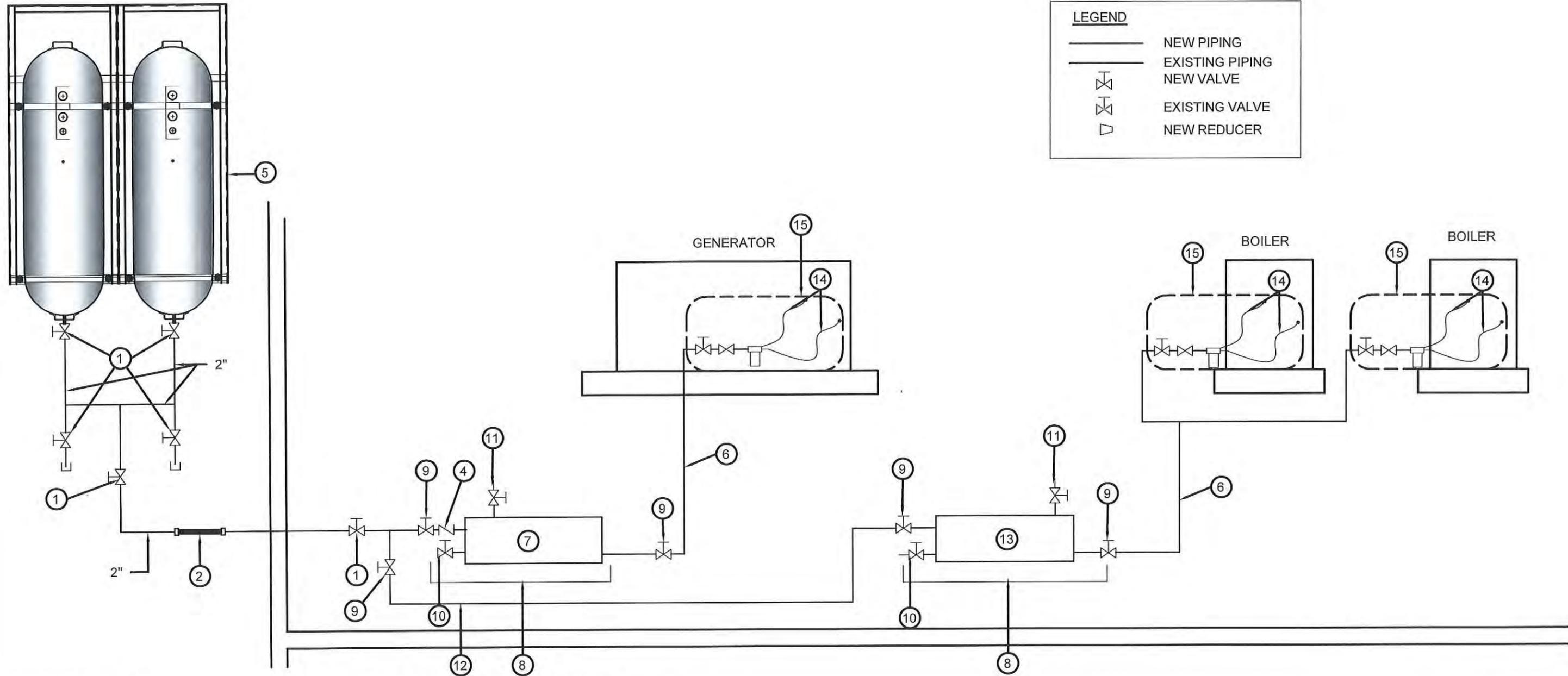
PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V148 - DETACHMENT
SHEET TITLE:
TANK ELEVATIONS
PROJECT NUMBER:
16-028-14-30

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DRAWING NUMBER:
M2.1
REVISION NUMBER:
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LEGEND

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

DRAWING NOTES: #

- | | |
|---|--|
| <ul style="list-style-type: none"> 1. NEW VALVE 2" (BV-1) 2. 2"X24" LONG BRAIDED FLEX PIPE (FC-1) 3. NOT USED 4. CHECK VALVE 5. 2 - FIBERGLASS OIL TANKS, STANDS AND CONCRETE BASE. SEE DETAILS SHEET M2.1 AND M2.2 6. NEW 1" FUEL LINE 7. NEW DOUBLE WALL DAY TANK T-2 C/W SUPPORTS. 75L CAPACITY | <ul style="list-style-type: none"> 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. NEW 2" FUEL LINE 13. NEW WARMING PIPE (WP-1) 30L 14. NEW BRAIDED FEEL LINES TO APPLIANCE 15. SEE DETAIL 2 SHEET M3.1 |
|---|--|

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Date: *4.6.18*

PERMIT NUMBER: P 647
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PROJECT TITLE:
RCMP "V" DIVISION OIL TANK REPLACEMENT - CAPE DORSET
V148 - DETACHMENT
SHEET TITLE:
SCHEMATIC
PROJECT NUMBER:
16-028-14-30

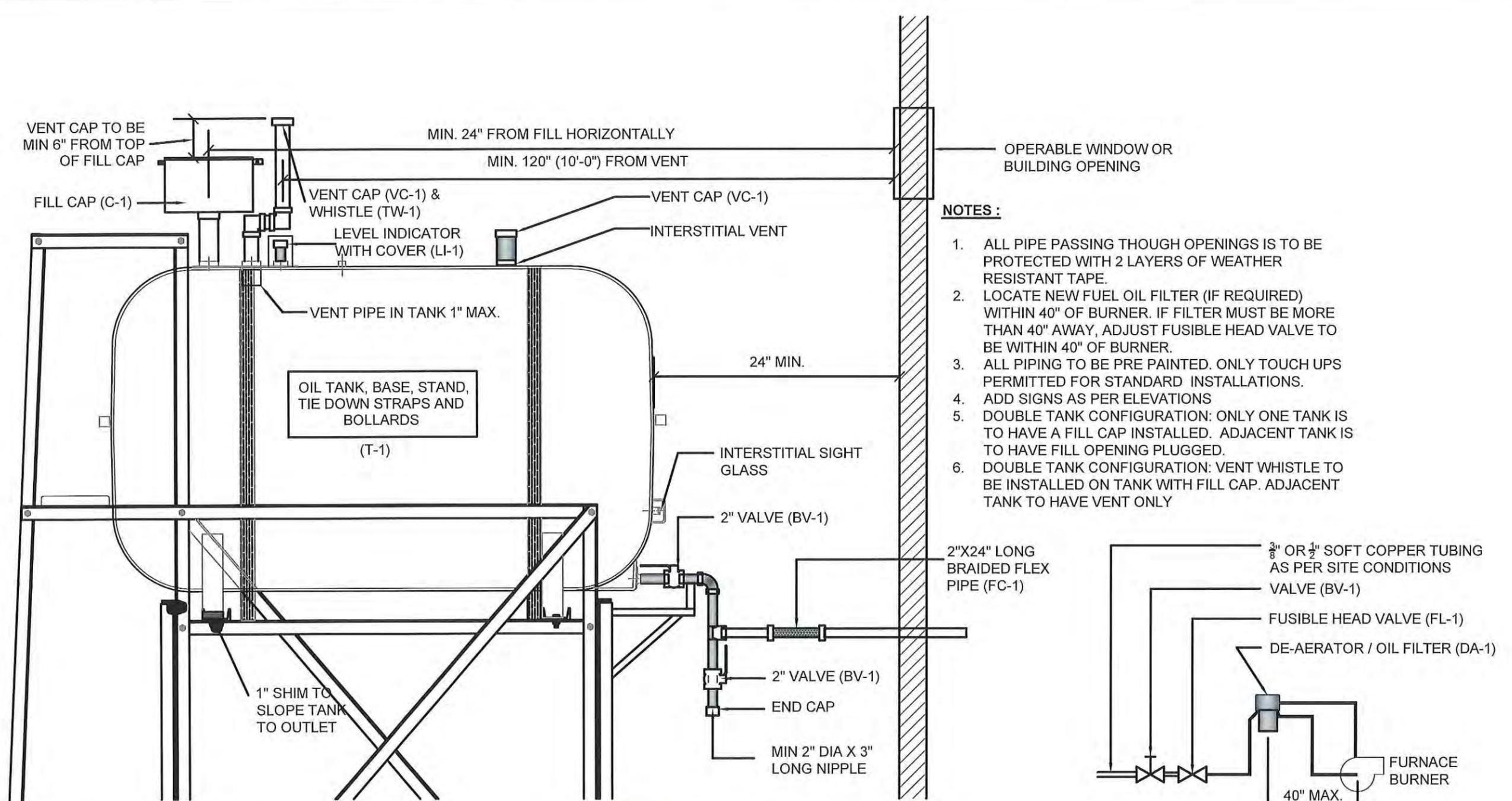
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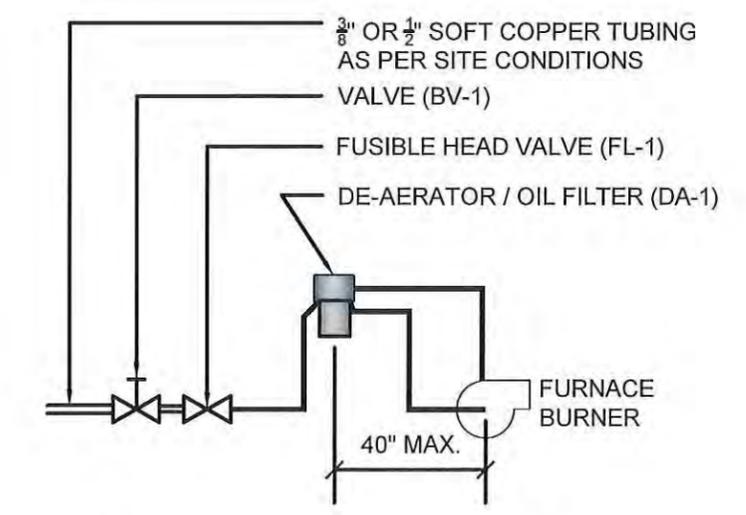
DRAWING NUMBER:
M3.0

REVISION NUMBER:
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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



GALVANIZED LIQUID TIGHT DRIP PAN UNDER VALVES & BURNER MIN 1 1/2" SIDES

01 TYPICAL TANK SCHEMATIC
M3.1 SCALE: NTS

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02 SCHEMATIC - BURNER ACCESSORIES
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	18 05 18	JLS
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SCALE:
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REVISION NUMBER:
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