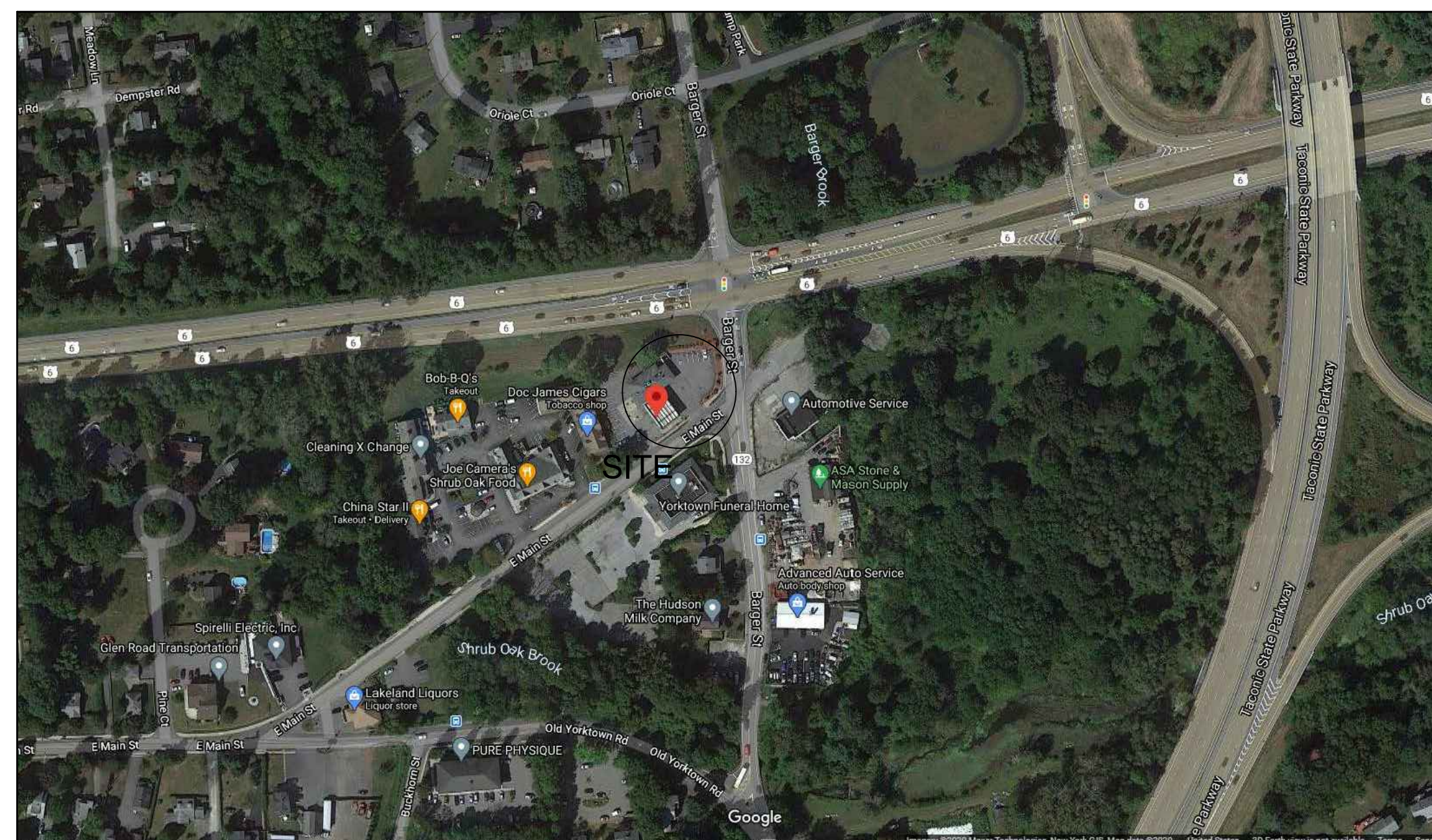


PROPOSED MOTOR FUEL DISPENSING MODIFICATIONS FOR EXISTING SHELL SERVICE STATION

930 EAST MAIN STREET
SHRUB OAK, NEW YORK

LIST OF DRAWINGS

| SHEET # | DRAWING # | TITLE |
|---------|-----------|---------------------------------|
| 1 | M-001.00 | COVER SHEET |
| 2 | M-002.00 | NOTES |
| 3 | M-100.00 | SITE PLAN |
| 4 | M-300.00 | TANK DETAILS |
| 5 | M-301.00 | TANK DETAILS |
| 6 | M-302.00 | TANK DETAILS |
| 7 | M-303.00 | DISPENSER DETAILS |
| 8 | M-304.00 | DETAILS |
| 9 | M-305.00 | FUEL OIL TANK DETAILS |
| 10 | A-300.00 | BUILDING AND SIGNAGE ELEVATIONS |



LOCATION PLAN
NOT TO SCALE

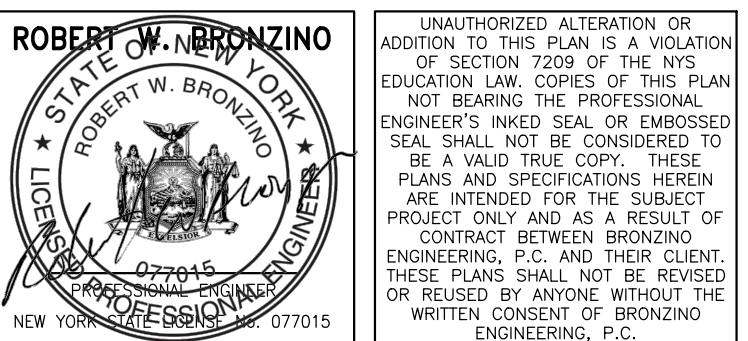
BRONZINO ENGINEERING, P.C.

100-3 SOUTH JERSEY AVE.
EAST SETAUKET, NY 11733
631-751-8299

CLIENT
NY DEALER STATIONS
235 MAMARONECK AVE.
WHITE PLAINS, NY 10605

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| No. | DESCRIPTION | DATE |
|-----|---------------------------------------|---------|
| 1 | REVISED NUMBER OF TANKS TO BE REMOVED | 2/14/22 |



DOB APPROVAL:

PROJECT:
EXISTING SHELL
SERVICE STATION
930 EAST MAIN
STREET
SHRUB OAK, NY

SECTION: BLOCK: 6
LOT: 6 MAP: 16.07

DRAWING TITLE:
PROPOSED MOTOR
FUEL DISPENSING
SYSTEM UPGRADES
COVER SHEET

PROJECT #: 200104

SCALE: AS NOTED

DATE: 11/30/20

DRAWING NO:

M-001.00

SHEET NO:

1 OF 10

BRONZINO ENGINEERING, P.C.
 100-3 SOUTH JERSEY AVE.
 EAST SETAUKET, NY 11733
 631-751-8299

CLIENT
NY DEALER STATIONS
 235 MAMARONECK AVE.
 WHITE PLAINS, NY 10605

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| NO. | REVISION NUMBER OF TANKS TO BE REMOVED | DATE |
|-----|--|---------|
| 1 | REVISED NUMBER OF TANKS TO BE REMOVED | 2/14/22 |

ROBERT W. BRONZINO
 STATE OF NEW YORK
 PROFESSIONAL ENGINEER
 LICENSE NO. 107715

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DOB APPROVAL:

PROJECT:
EXISTING SHELL SERVICE STATION
 930 EAST MAIN STREET
 SHRUB OAK, NY

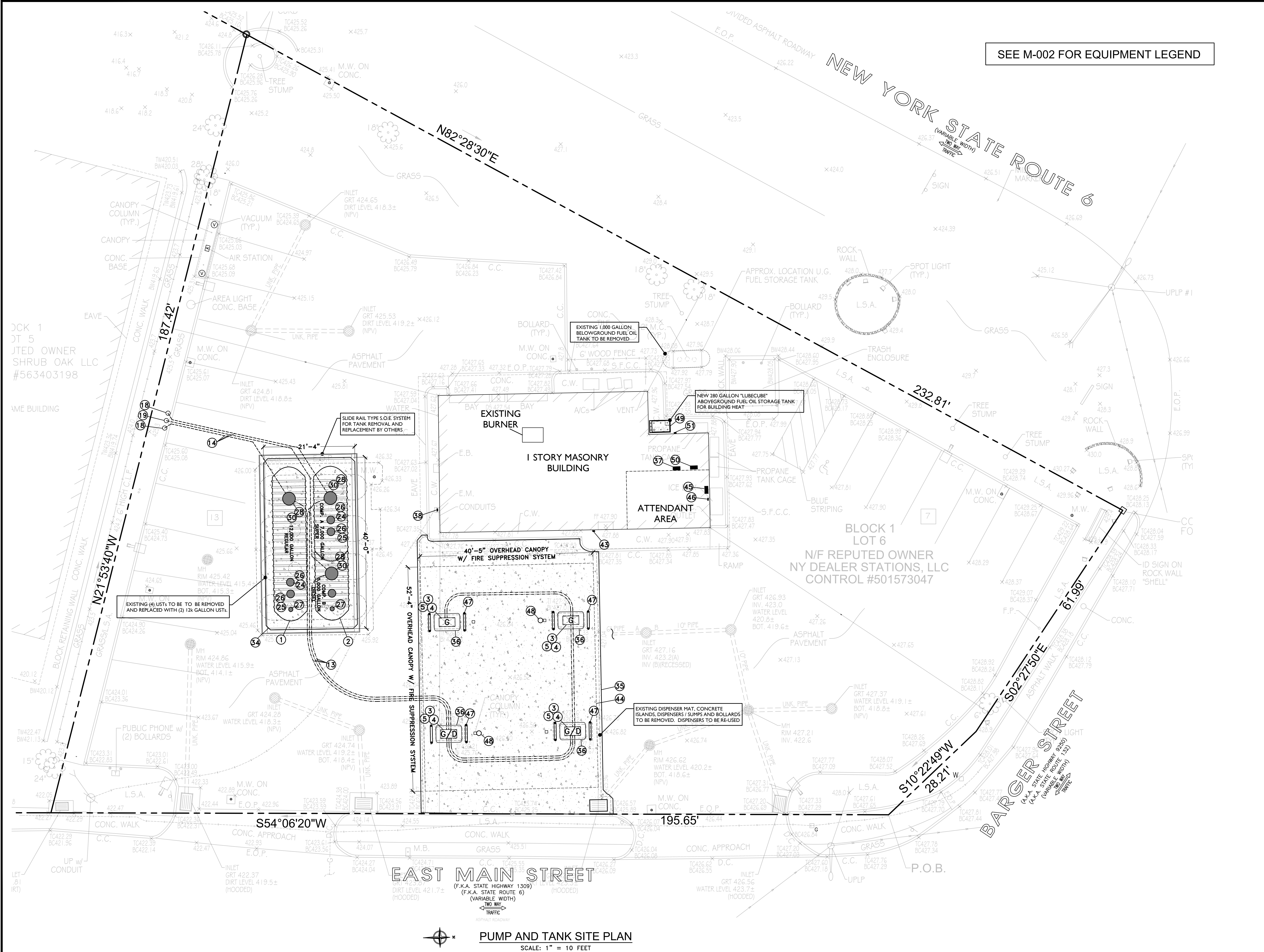
SECTION: BLOCK: 6
 LOT: 6 MAP: 16.07

DRAWING TITLE:
PROPOSED MOTOR FUEL DISPENSING SYSTEM UPGRADES SITE PLAN

PROJECT #: 200104
 SCALE: AS NOTED
 DATE: 11/30/20

DRAWING NO:
M-100.00
 SHEET NO:
3 OF 10

SEE M-002 FOR EQUIPMENT LEGEND



PUMP AND TANK SITE PLAN
 SCALE: 1" = 10 FEET

JOCK 1
 DT 5
 JTED OWNER
 SHRUB OAK LLC
 #563403198

ME BUILDING

UP w/
 CONDUIT

ALL DRAWINGS ARE TO BE
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| No. | DESCRIPTION | DATE |
|-----|---------------------------------------|---------|
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DOB APPROVAL:

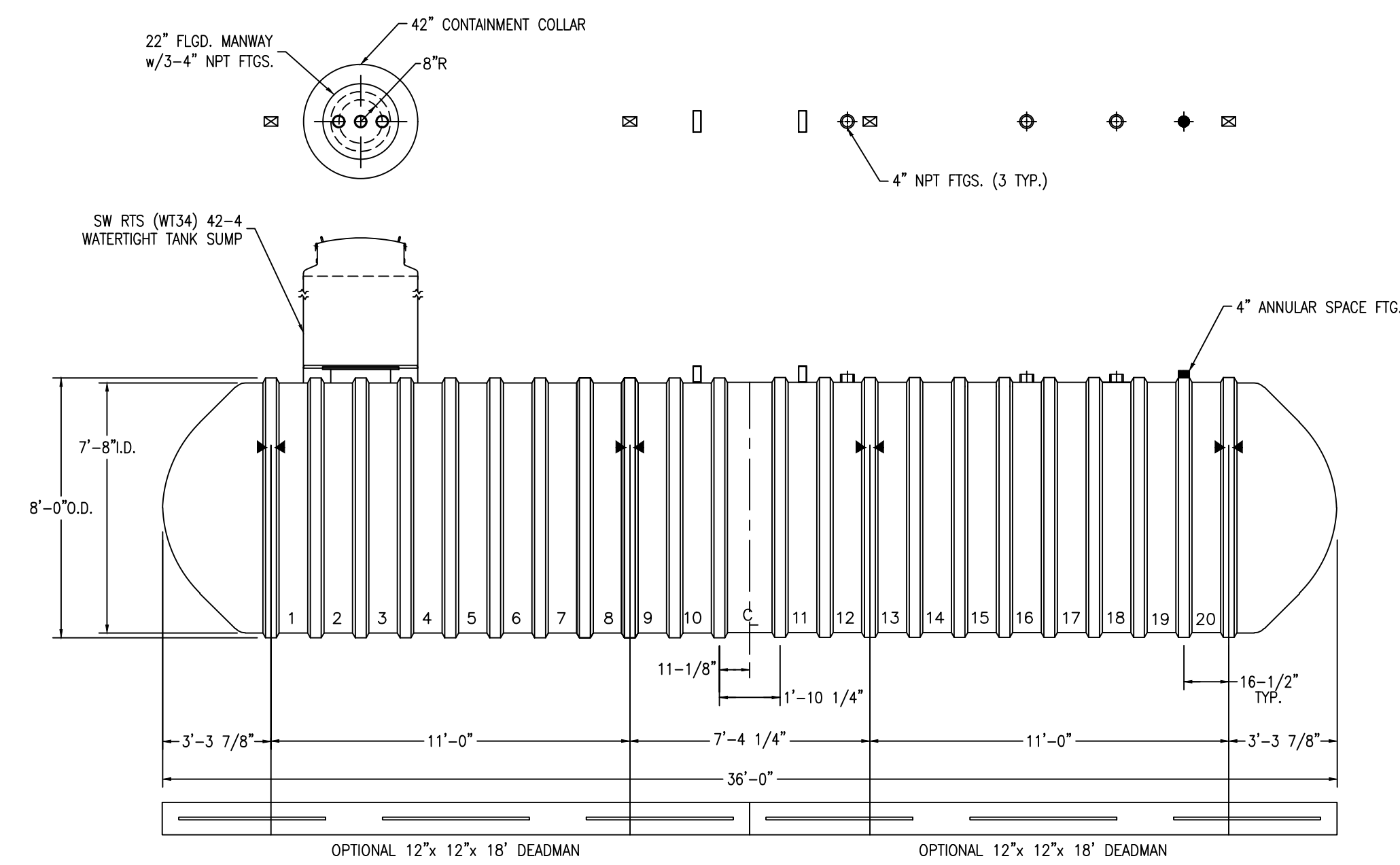
PROJECT:
EXISTING SHELL SERVICE STATION
 930 EAST MAIN STREET
 SHRUB OAK, NY

| | |
|----------|------------|
| SECTION: | BLOCK: 6 |
| LOT: 6 | MAP: 16.07 |

DRAWING TITLE:
PROPOSED MOTOR FUEL DISPENSING SYSTEM UPGRADES TANK DETAILS

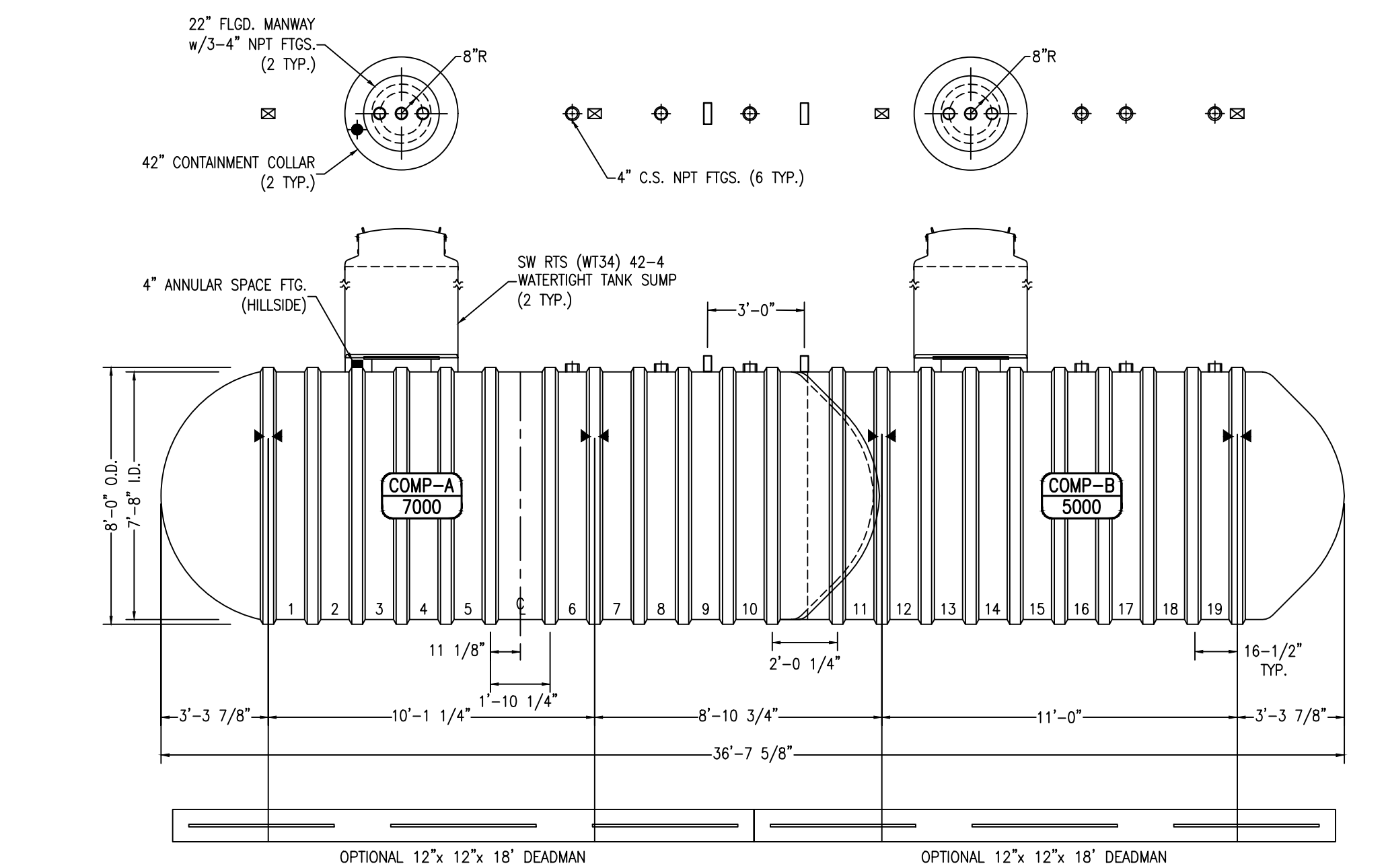
| | |
|------------|----------|
| PROJECT #: | 200104 |
| SCALE: | AS NOTED |
| DATE: | 11/30/20 |

DRAWING NO:
M-300.00
 SHEET NO:
4 OF 10



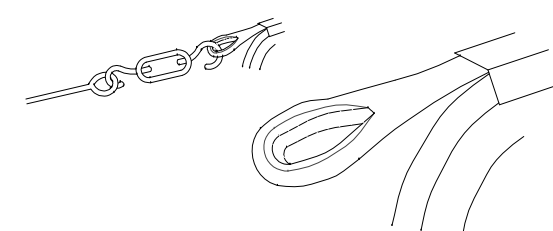
- NOTES:
- ☒ HOLD DOWN STRAP CLIP
 - ▶ HOLD DOWN STRAP LOCATION
 - TYPE "13" LIFT LUG - SD
 - TYPE "13" LIFT LUG - HD

12k GALLON SINGLE COMP. DOUBLE WALLED F.G. UST 1
 NOT TO SCALE M-300



- NOTES:
- ☒ HOLD DOWN STRAP CLIP
 - ▶ HOLD DOWN STRAP LOCATION
 - TYPE "13" LIFT LUG - SD
 - TYPE "13" LIFT LUG - HD

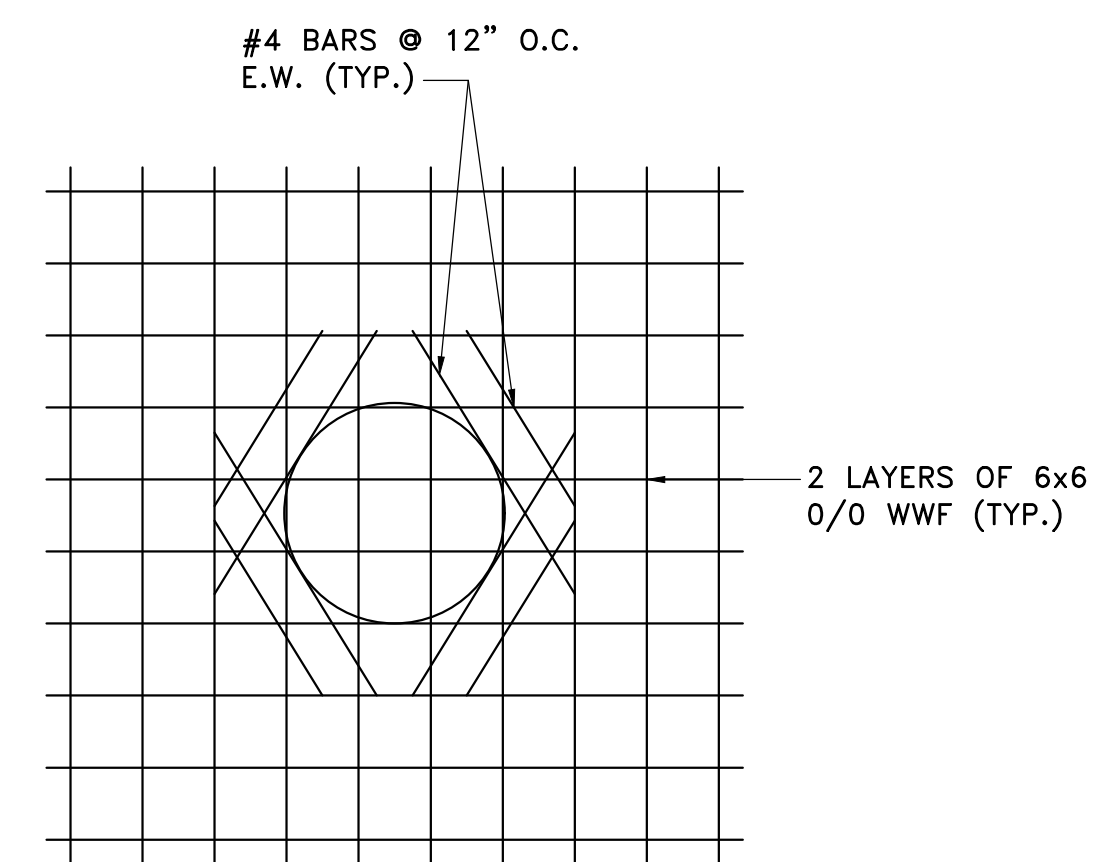
12k GALLON DUAL COMP. DOUBLE WALLED F.G. UST 2
 NOT TO SCALE M-300



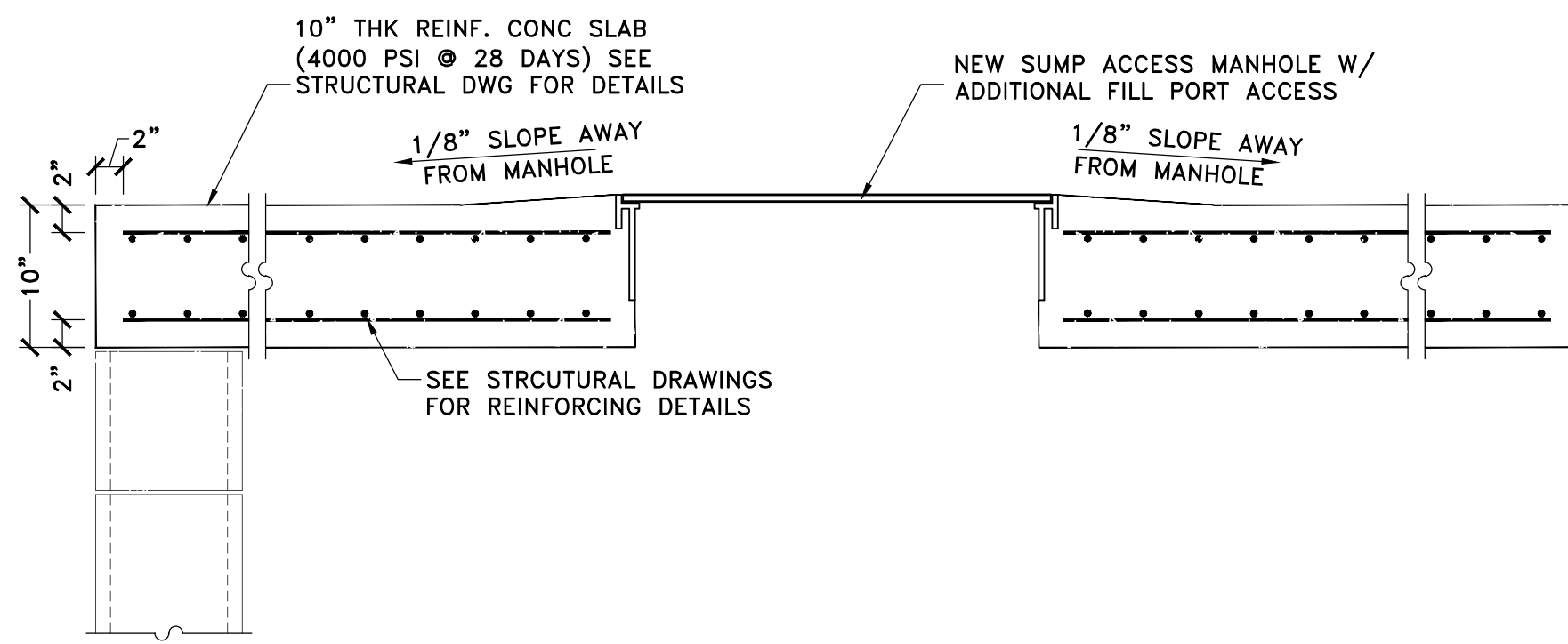
FIBERGLASS REINFORCED PLASTIC (FRP) HOLD-DOWN STRAPS. INSTALL AS PER MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS. 2-REQUIRED FOR EACH TANK.

FIBERGLASS REINFORCED PLASTIC (FRP) HOLD DOWN STRAP DETAIL 6
 NOT TO SCALE M-300

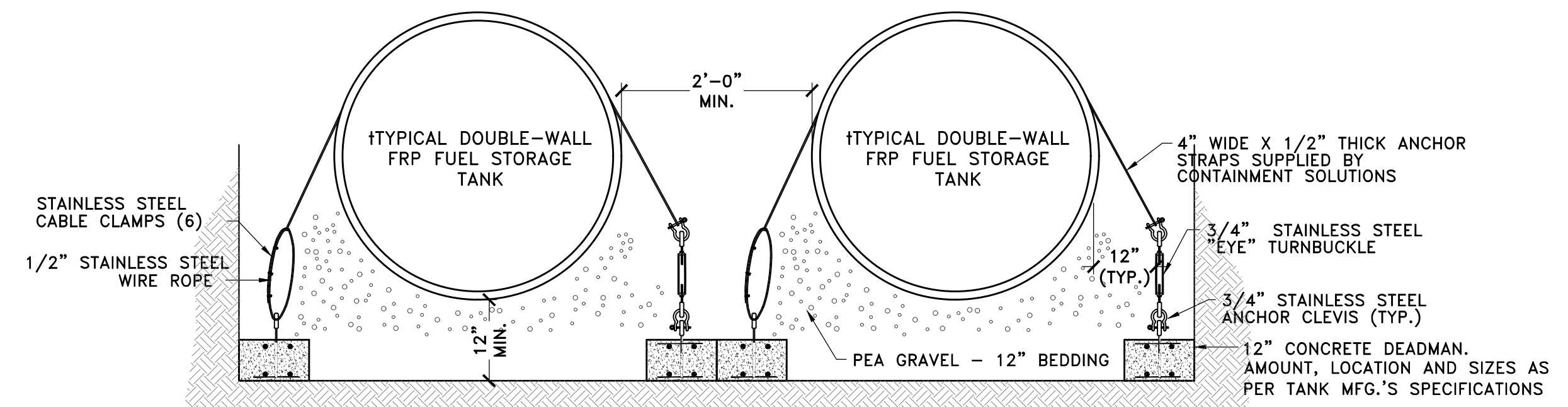
- NOTES:
- 1.0 PITCH CONCRETE AWAY FROM ALL MANHOLES
 - 2.0 TANK MAT TO BE 10" POURED CONC. W/ 2 LAYERS OF 6x6 O/O WWF. BROOM FINISH - PERPENDICULAR TO TRAFFIC FLOW.
 - 3.0 ISLANDS SHALL BE STAINLESS STEEL FORMS WITH POURED CONC. TROWEL FINISH.
 - 4.0 ISLAND MAT TO BE 6" POURED CONCRETE WITH 1 LAYER OF 6x6 O/O WWF. BROOM FINISH - PERPENDICULAR TO TRAFFIC FLOW.
 - 5.0 ALL CONCRETE TO BE MIN. OF 4,000 PSI.
 - 6.0 CONTRACTOR TO INSURE ALL STEEL REINFORCING IS EQUALLY SPACED.



MANWAY SLAB REINFORCING DETAIL 4
 NOT TO SCALE M-300



TOP SLAB DETAIL 3
 SCALE: 1"=1'-0" M-300



TYPICAL TANK ANCHORING SECTION 5
 NOT TO SCALE M-300

CLIENT
NY DEALER STATIONS
 235 MAMARONECK AVE.
 WHITE PLAINS, NY 10605

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ROBERT W. BRONZINO
 STATE OF NEW YORK
 PROFESSIONAL ENGINEER
 LICENSE NO. 1077015

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DOB APPROVAL:

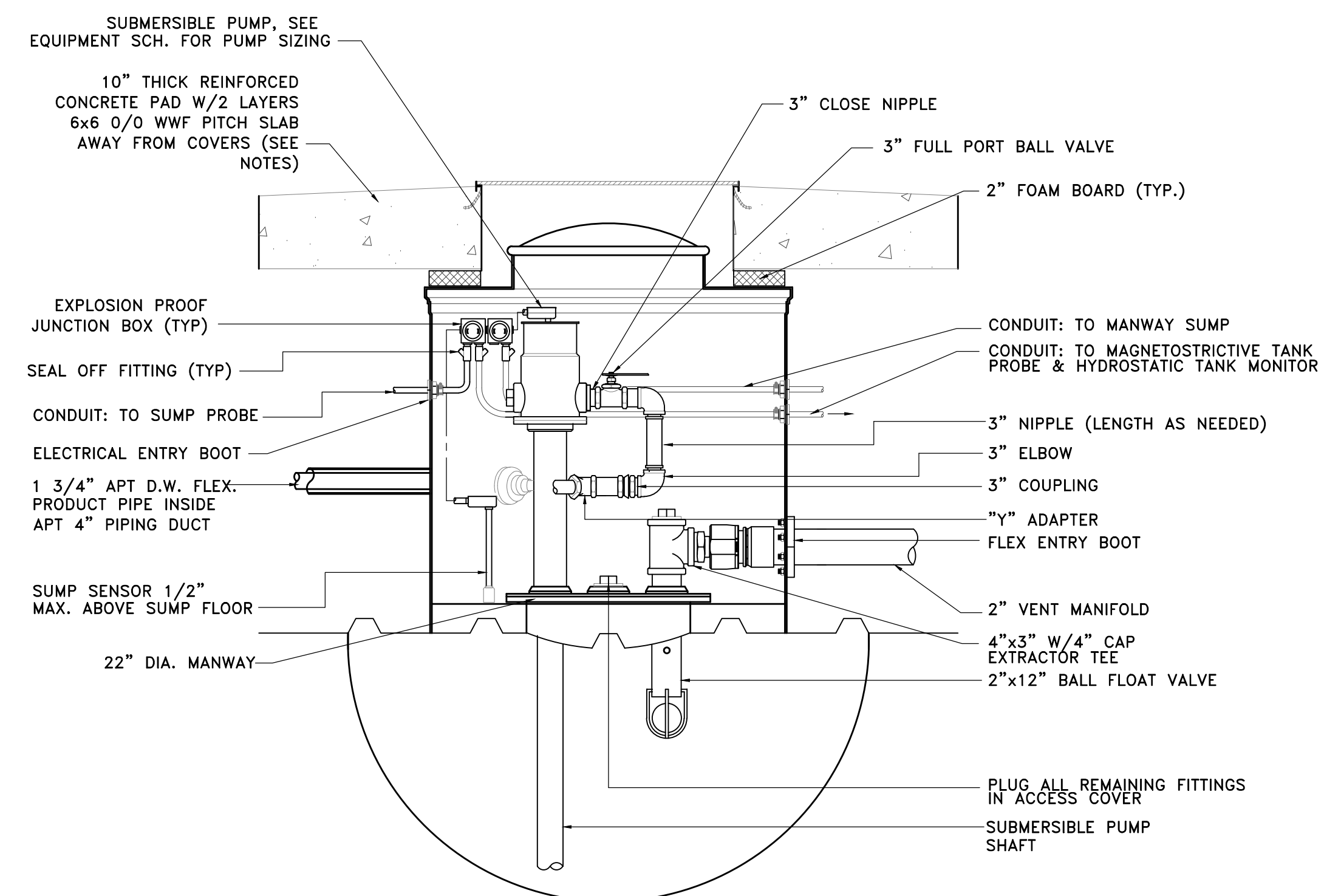
PROJECT:
EXISTING SHELL SERVICE STATION
 930 EAST MAIN STREET
 SHRUB OAK, NY

| | |
|----------|------------|
| SECTION: | BLOCK: 6 |
| LOT: 6 | MAP: 16.07 |

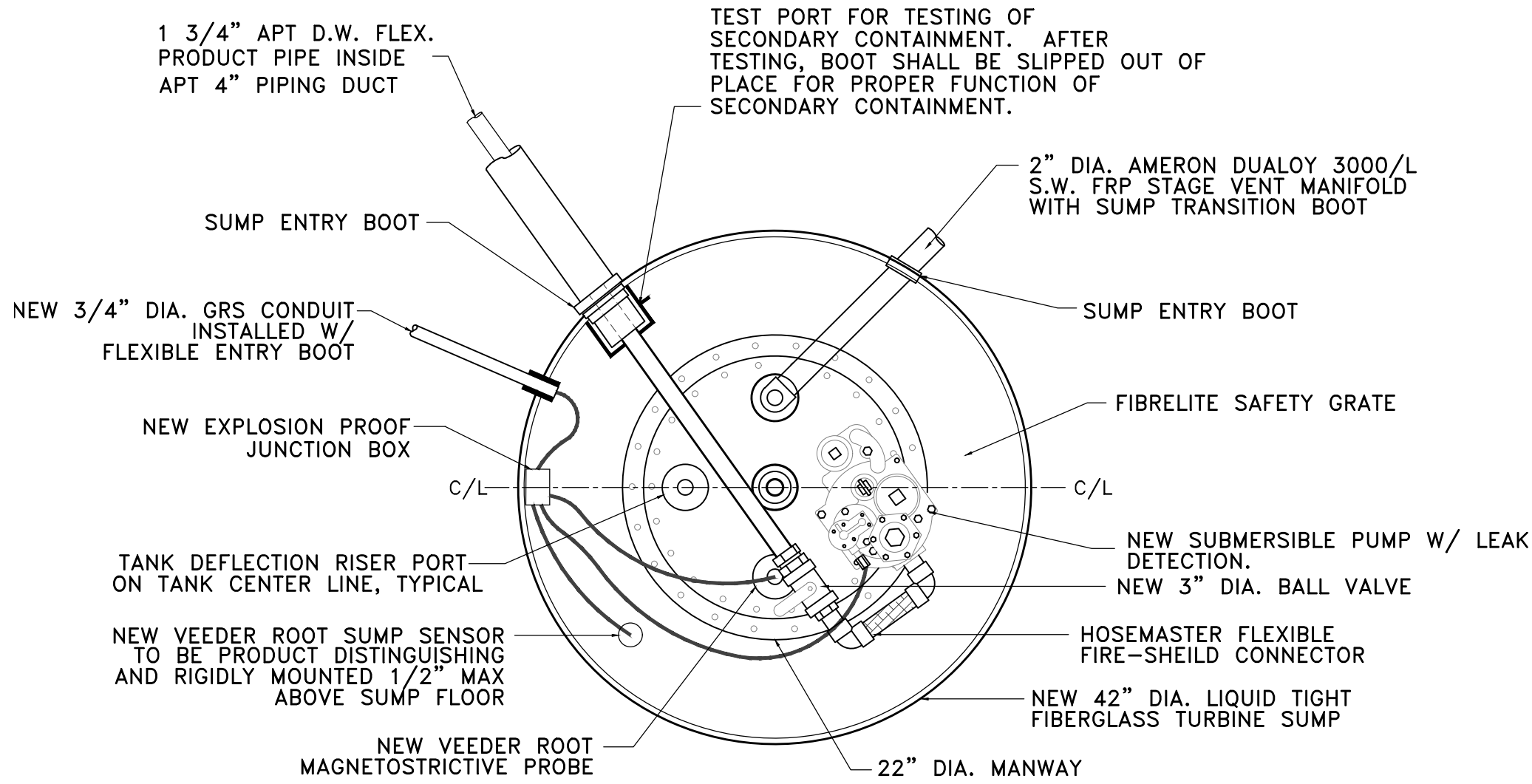
DRAWING TITLE:
PROPOSED MOTOR FUEL DISPENSING SYSTEM UPGRADES TANK DETAILS

| | |
|--------------|----------|
| PROJECT #: | 200104 |
| SCALE: | AS NOTED |
| DATE: | 11/30/20 |
| DRAWING NO.: | M-301.00 |

SHEET NO:
5 OF 10

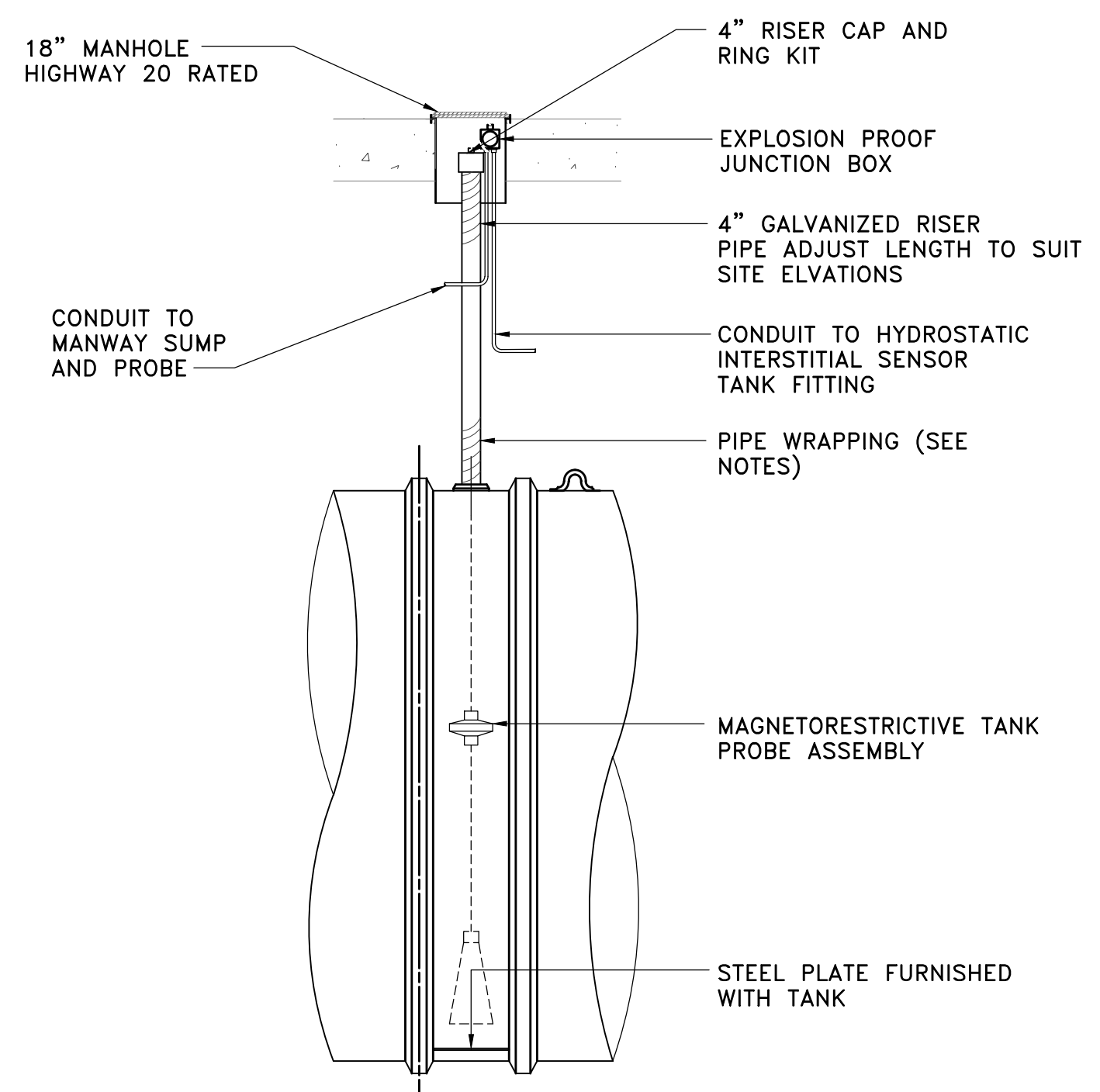


7
 M-301

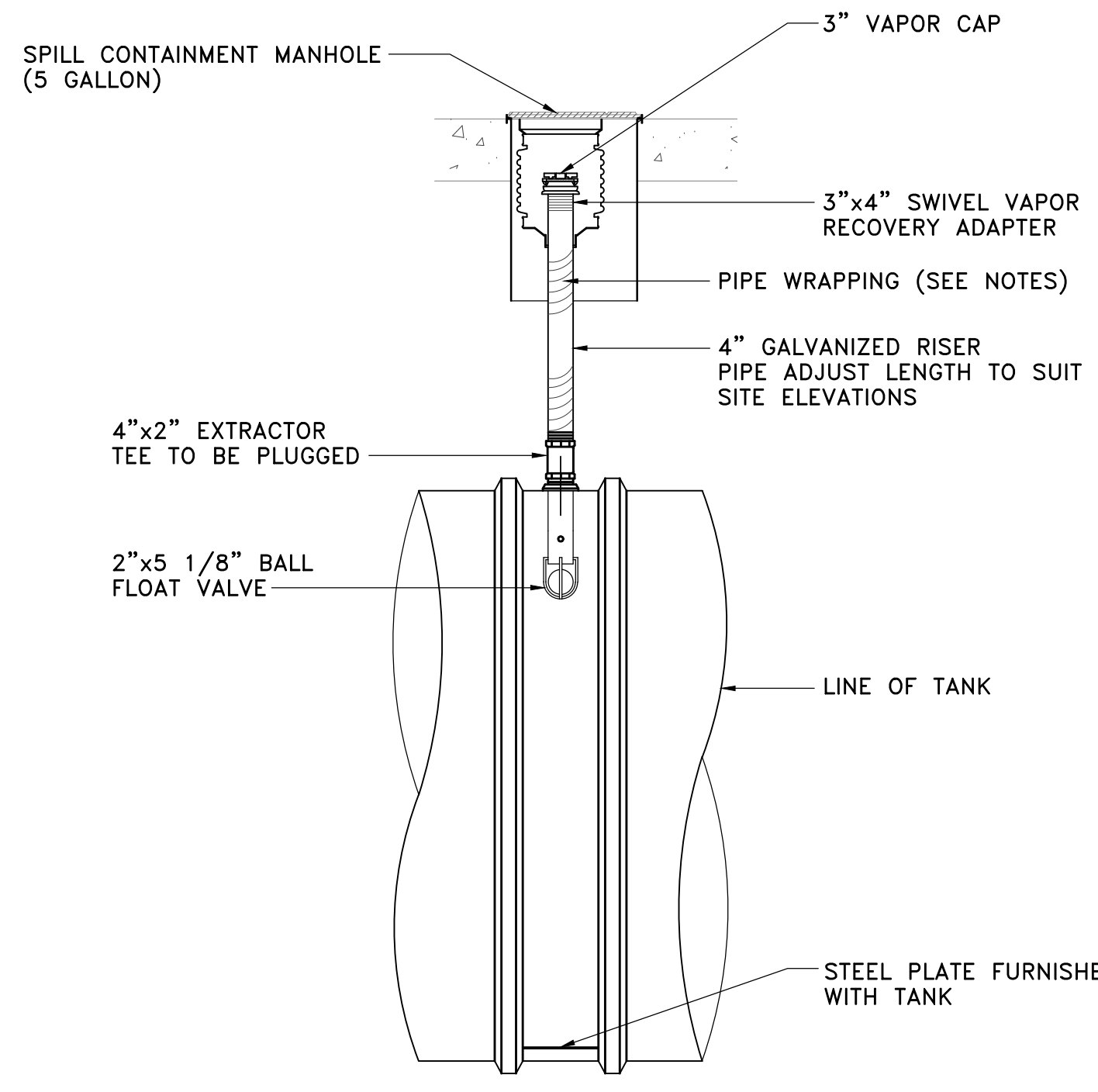


8
 M-301

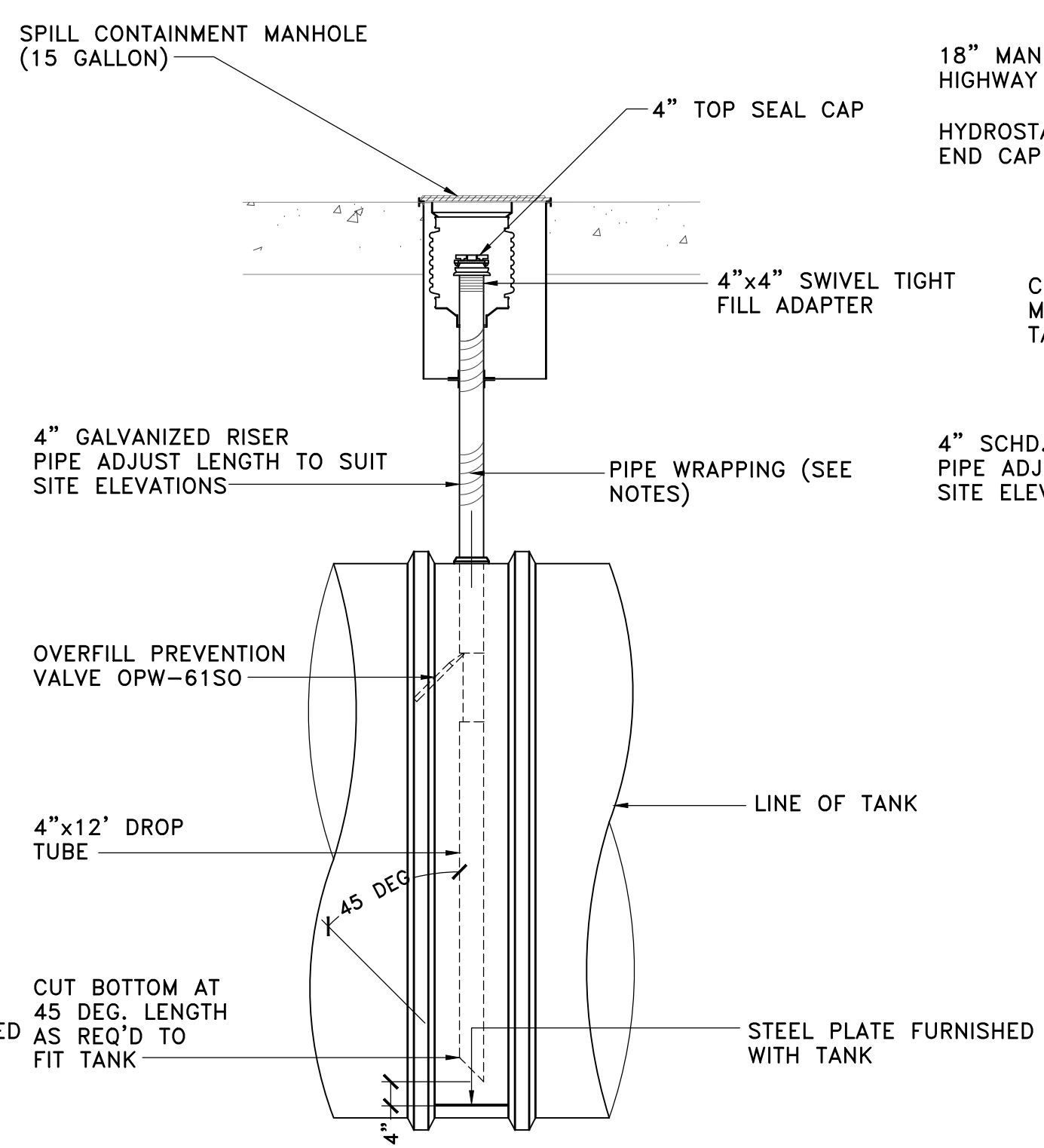
NOTE:
 AN APPROVED OVERFILL PREVENTION DEVICE SHALL BE PROVIDED TO PREVENT OVERFILLING. WHEN INSTALLED IN DIESEL FUEL TANKS, SUCH OVERFILL PREVENTION DEVICE SHALL BE DESIGNED TO WITHSTAND THE PRESSURE GENERATED BY THE CARGO TANK DISCHARGE PUMP AND SHALL AUTOMATICALLY SHUT OFF THE FLOW INTO THE TANK WHEN THE TANK IS NOT THAN 95% FULL.



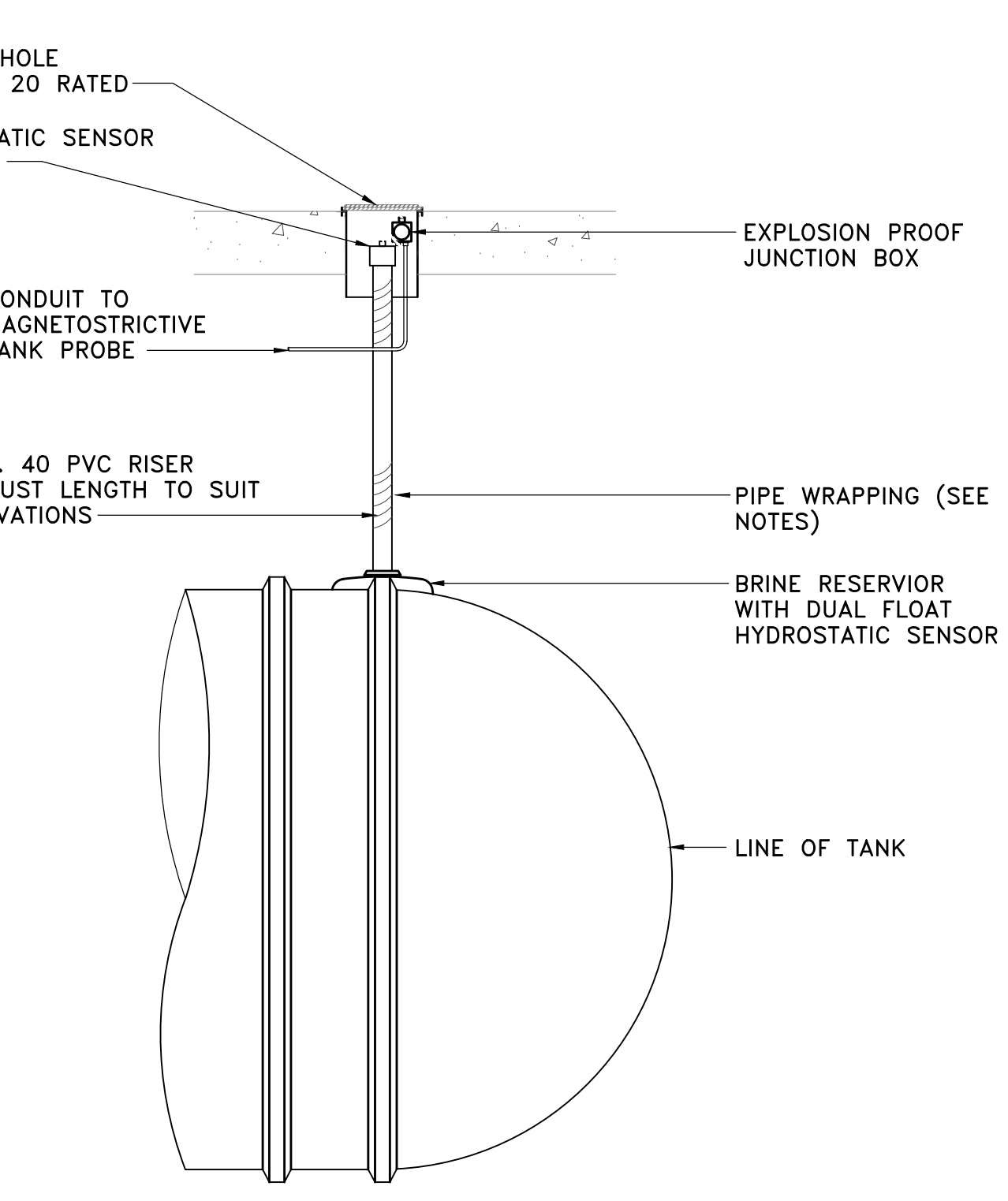
9
 M-301



10
 M-301



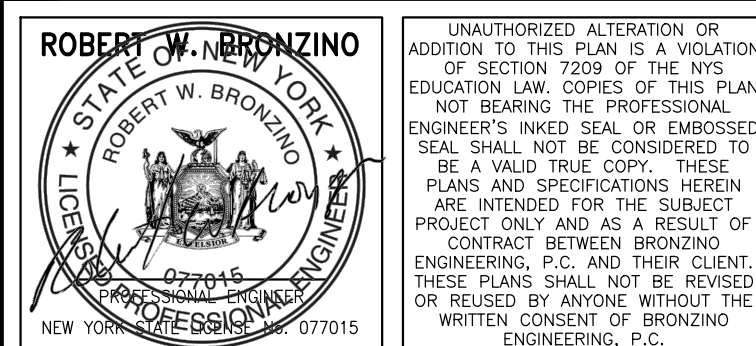
11
 M-301



12
 M-301

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|-----|---------------------------------------|---------|
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DOB APPROVAL:

PROJECT:
**EXISTING SHELL
 SERVICE STATION
 930 EAST MAIN
 STREET
 SHRUB OAK, NY**

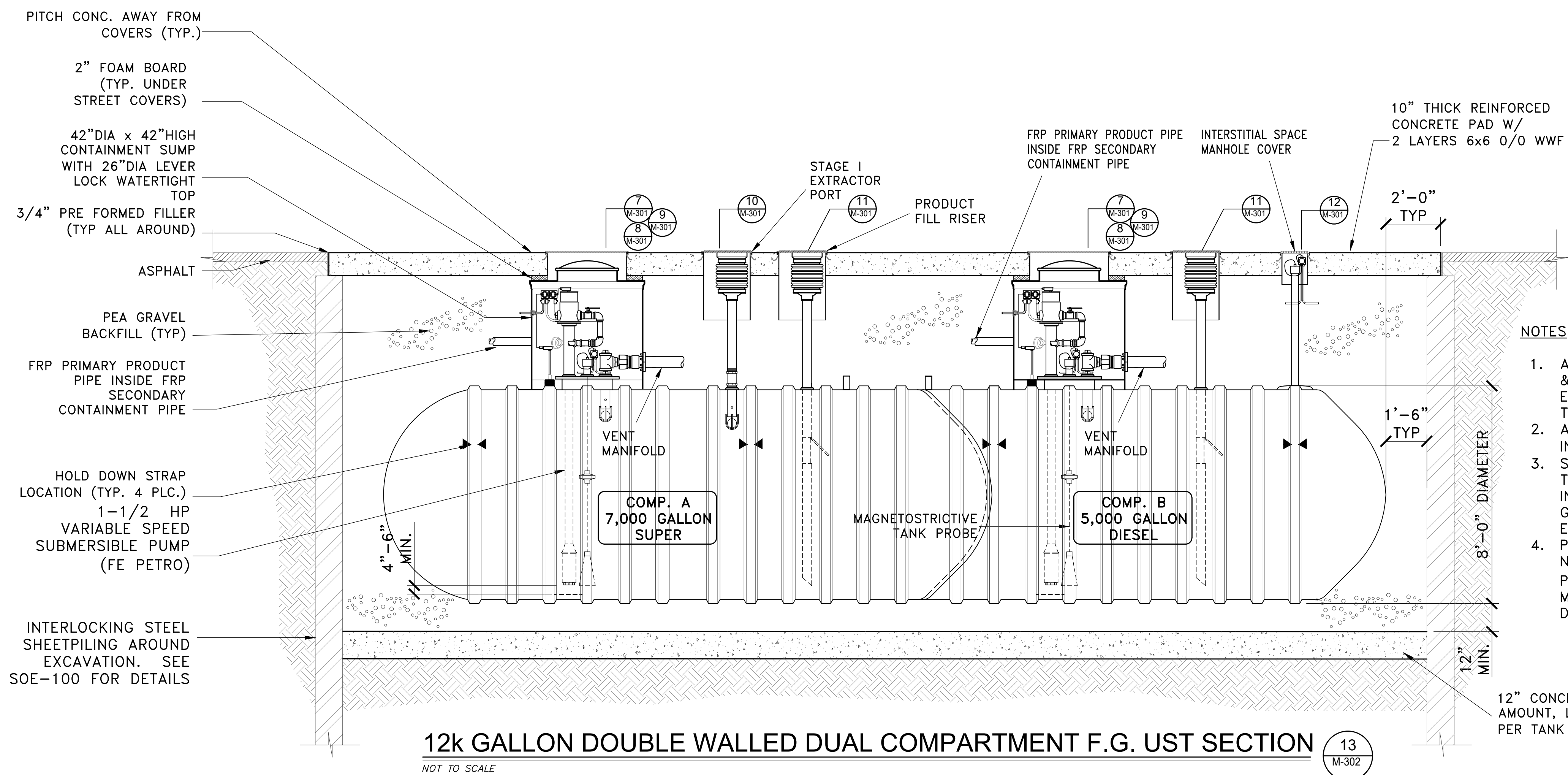
| | |
|----------|------------|
| SECTION: | BLOCK: 6 |
| LOT: 6 | MAP: 16.07 |

DRAWING TITLE:
**PROPOSED MOTOR
 FUEL DISPENSING
 SYSTEM UPGRADES
 TANK DETAILS**

| | |
|------------|----------|
| PROJECT #: | 200104 |
| SCALE: | AS NOTED |
| DATE: | 11/30/20 |

M-302.00

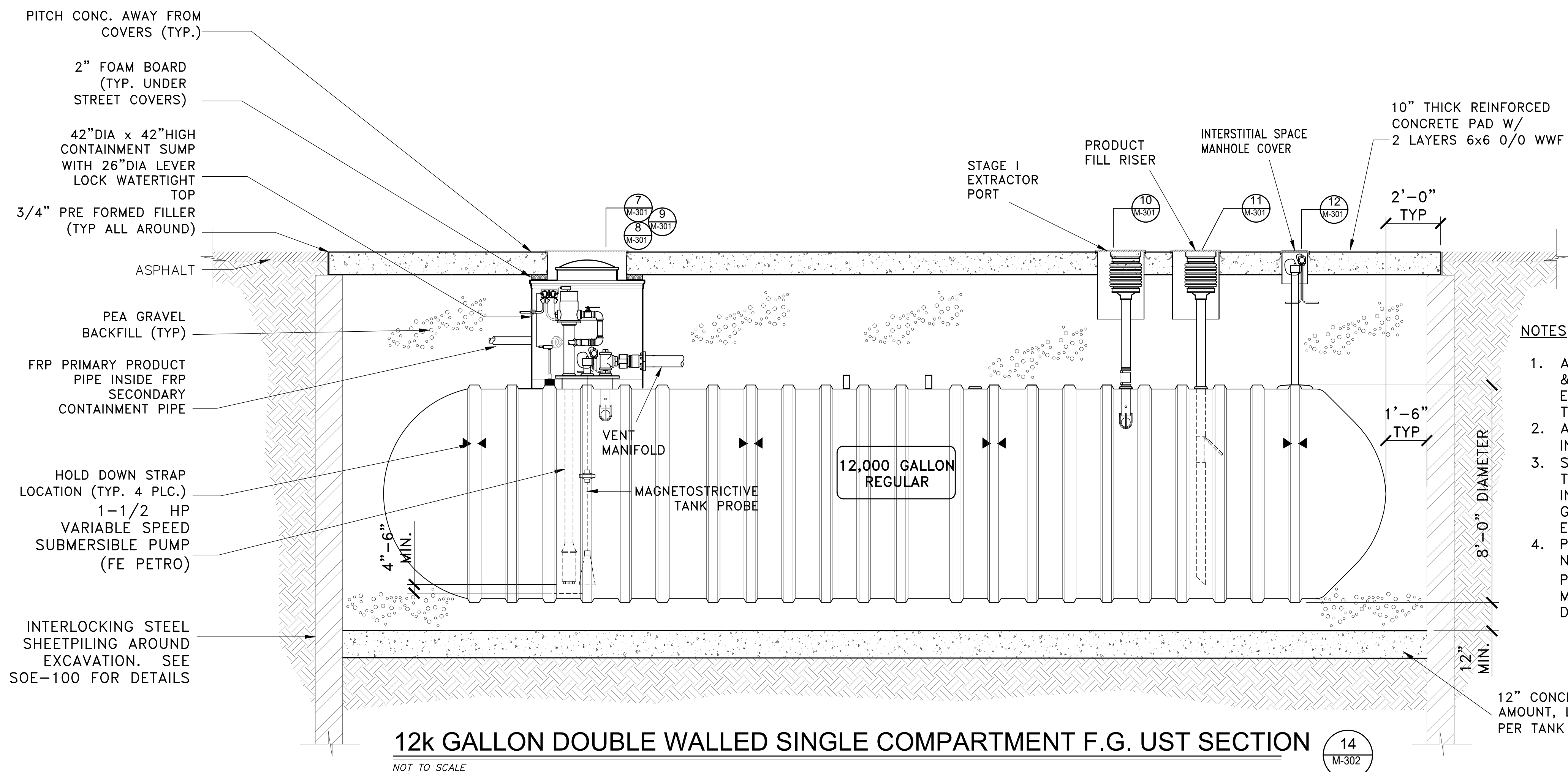
SHEET NO:
6 OF 10



NOTES:

1. ALL STEEL UNDERGROUND FILL, VAPOR RECOVERY & VENT LINES TO BE PAINTED WITH COAL TAR EPOXY OR DOUBLE WRAPPED WITH 10 MIL. THICK DIELECTRIC TAPE.
2. ALL NEW TANK FILL PORTS MUST BEAR PLATE IN ACCORDANCE WITH N.Y.C.R.R. PART 614.3(a).
3. SOIL AT THE LEVEL OF THE TANK FOUNDATIONS TO BE UNDISTURBED SOIL, SUBJECT TO INSPECTION AND VERIFICATION BY A GEOTECHNICAL ENGINEER AT THE TIME OF EXCAVATION AND BEFORE TANK IS SET.
4. PEA GRAVEL SPECIFICATIONS: CLEAN NATURALLY-ROUNDED AGGREGATE WITH A PARTICLE SIZE NO LONGER THAN 3/4" WITH NO MORE THAN 5% PASSING A #8 SIEVE. DRY DENSITY MUST BE A MINIMUM OF 95 pcf

12" CONCRETE DEADMAN.
 AMOUNT, LOCATION AND SIZES AS
 PER TANK MFG.'S SPECIFICATIONS



NOTES:

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12" CONCRETE DEADMAN.
 AMOUNT, LOCATION AND SIZES AS
 PER TANK MFG.'S SPECIFICATIONS

CLIENT
NY DEALER STATIONS
 235 MAMARONECK AVE.
 WHITE PLAINS, NY 10605

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1 REVISED NUMBER OF TANKS TO BE REMOVED 2/14/22
 No. DESCRIPTION DATE

ROBERT W. BRONZINO
 STATE OF NEW YORK
 PROFESSIONAL ENGINEER
 LICENSE NO. 077015

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DOB APPROVAL:

PROJECT:
**EXISTING SHELL
 SERVICE STATION
 930 EAST MAIN
 STREET
 SHRUB OAK, NY**

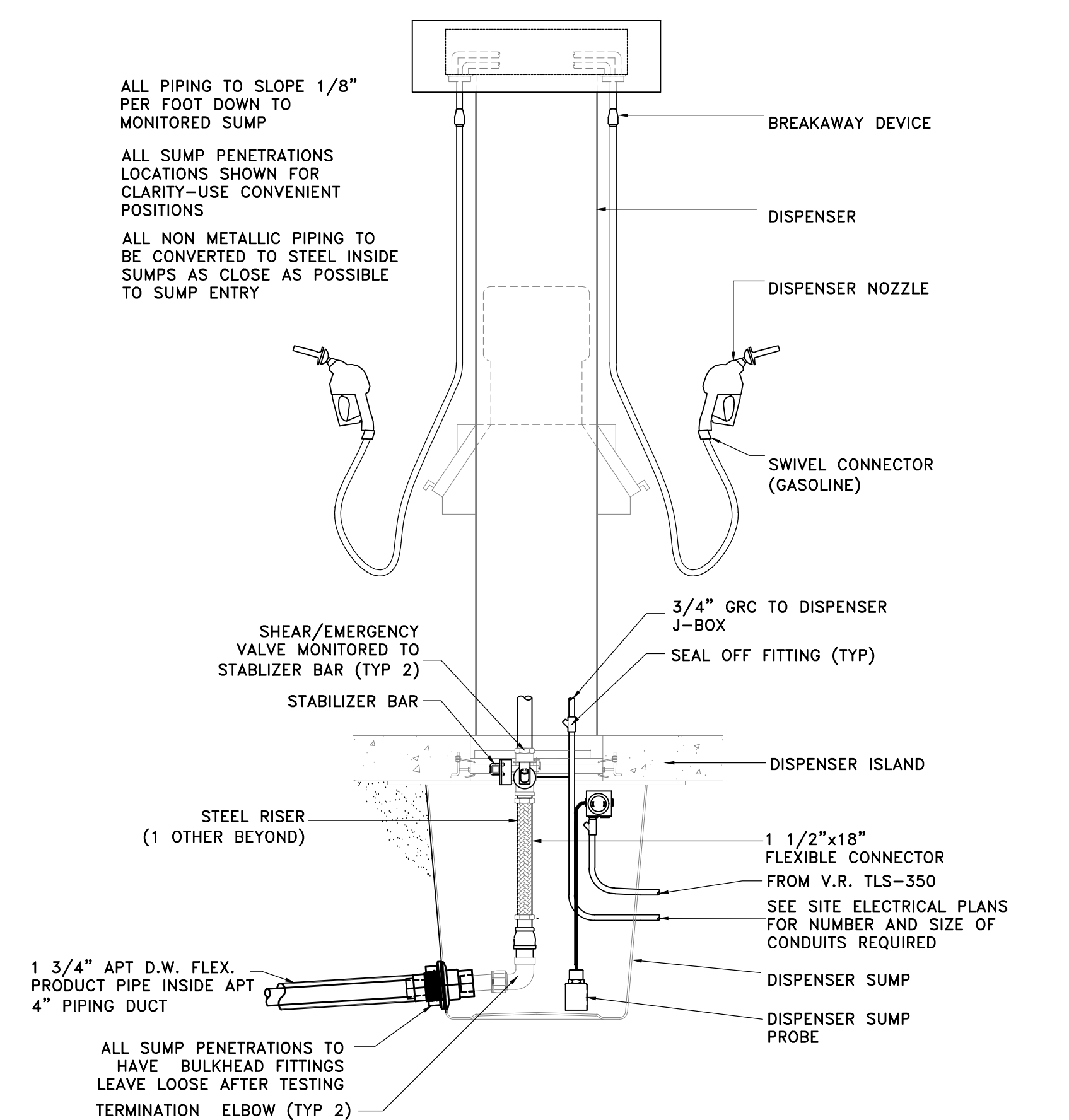
SECTION: BLOCK: 6
 LOT: 6 MAP: 16.07

DRAWING TITLE:
**PROPOSED MOTOR
 FUEL DISPENSING
 SYSTEM UPGRADES
 DISPENSER DETAILS**

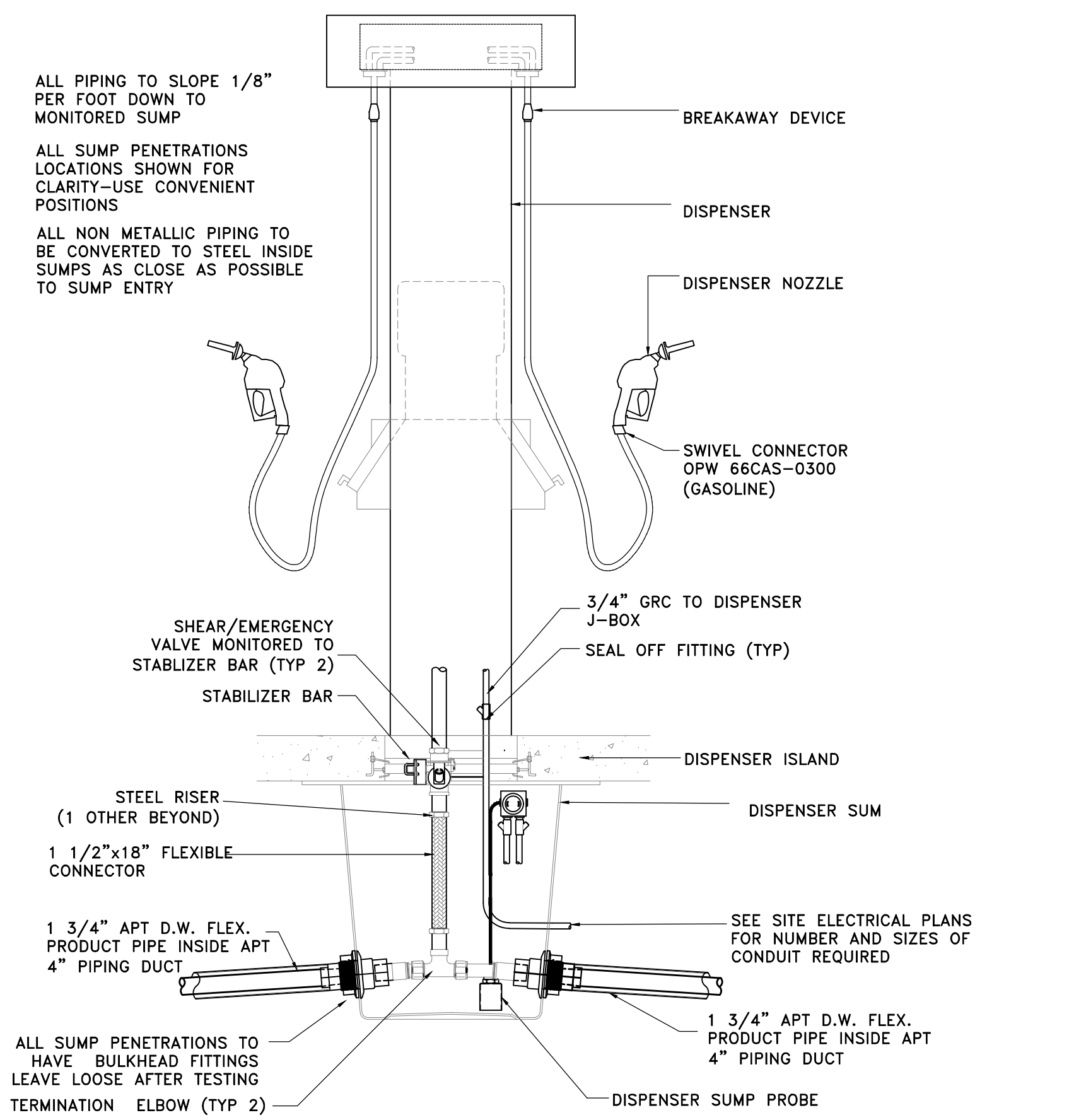
PROJECT #: 200104
 SCALE: AS NOTED
 DATE: 11/30/20
 DRAWING NO:

M-303.00

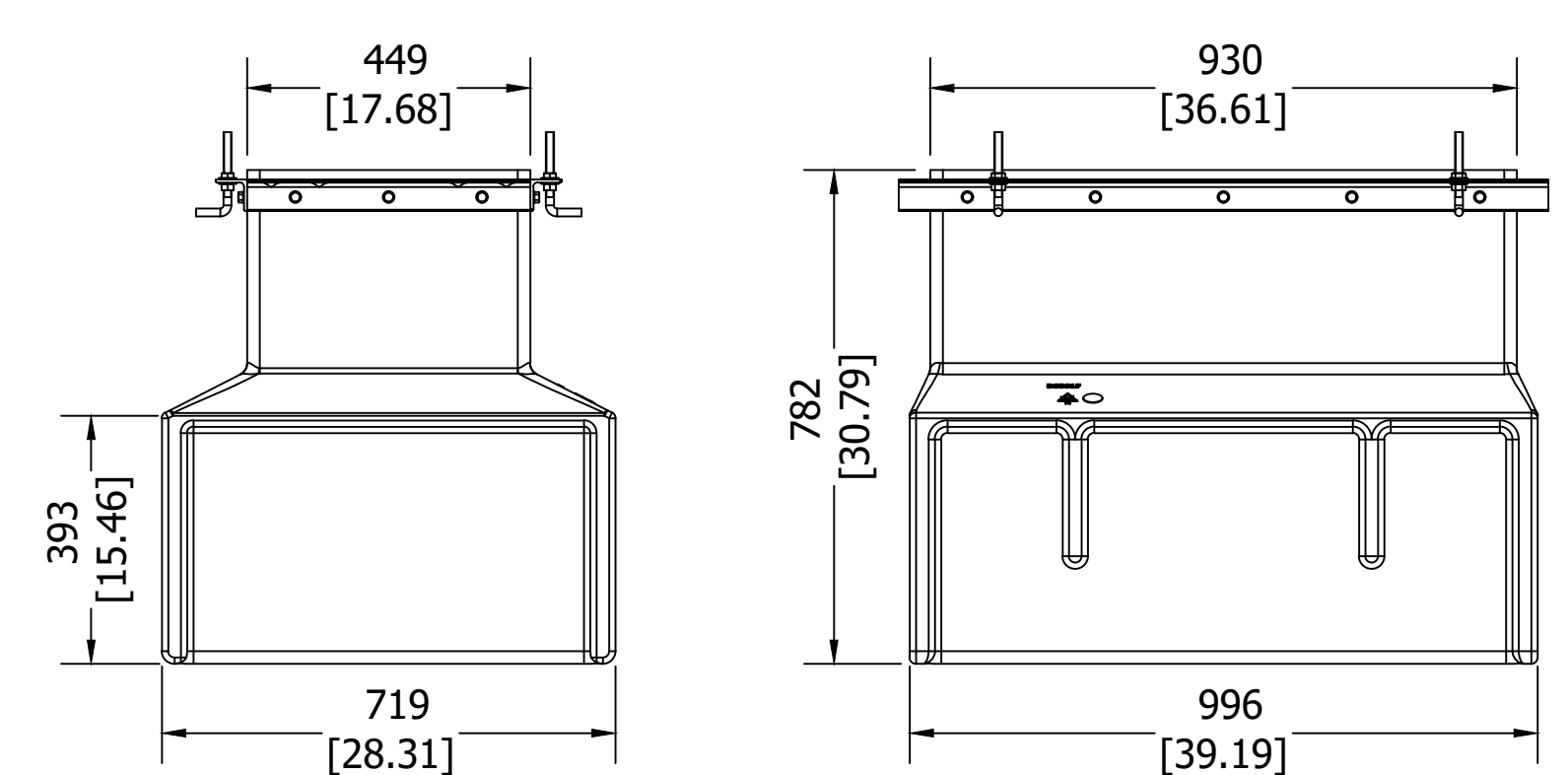
SHEET NO:
7 OF 10



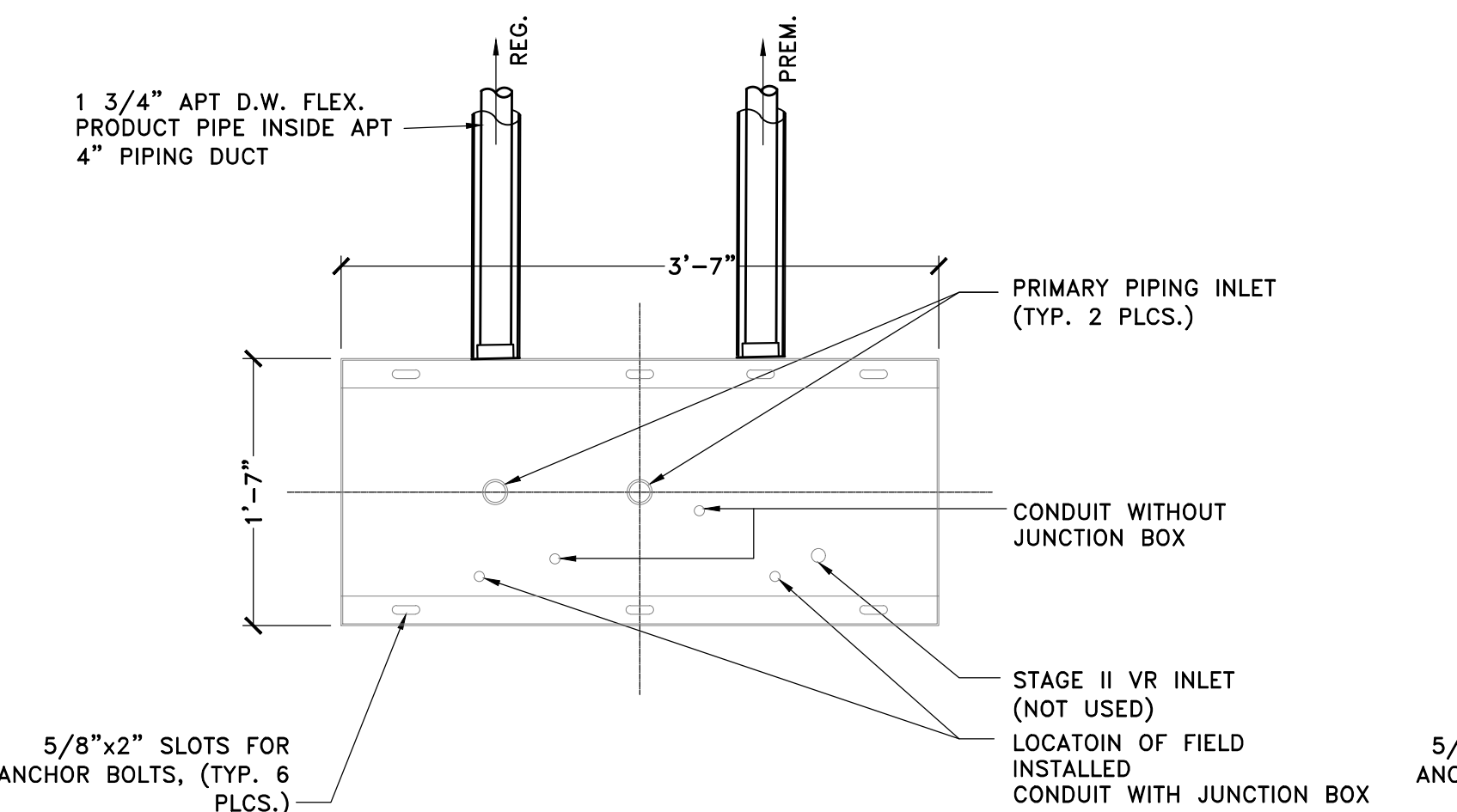
DISPENSER DETAIL (TERMINATION SUMP)
 SCALE : 3/4"=1'-0"
 15 M-303



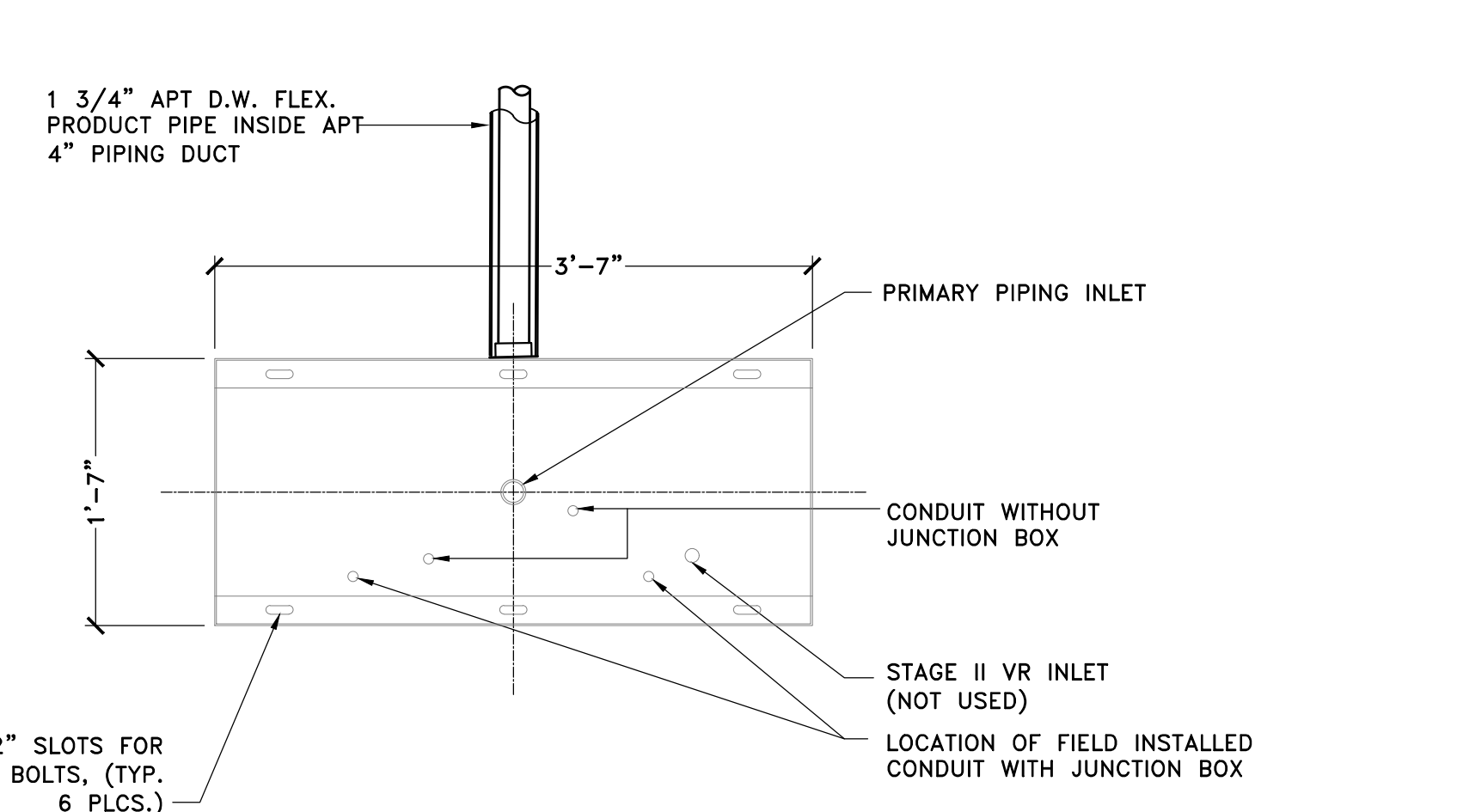
CONTRACTOR SHALL REVIEW & COORDINATE DISPENSER SUMPS W/ DISPENSERS PRIOR TO ORDERING OR INSTALLATION.



TYP. DISPENSER SUMP DETAIL
 NOT TO SCALE
 17 M-303



TYPICAL GASOLINE DISPENSER SUMP PLAN
 SCALE : 1"=1'-0"
 18 M-303



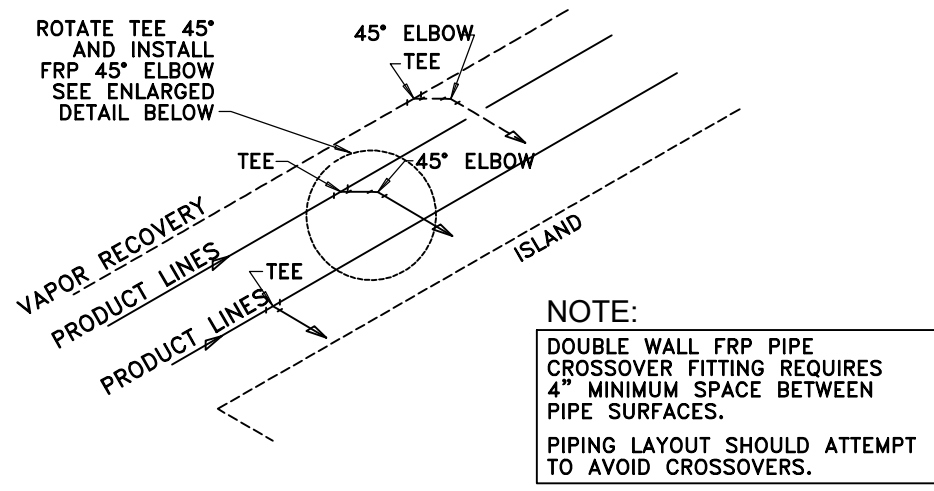
DIESEL DISPENSER PLAN
 SCALE : 1"=1'-0"
 19 M-303

MAXIMUM LENGTH OF ALL DISPENSER HOSES SHALL BE 18 FEET AS PER NYCFC 2008, SECTION 2206.7.5

EMERGENCY SHUTOFF VALVE SHALL BE INSTALLED SO THE SHEAR GROOVE IS FLUSH OR WITHIN 1/2" OF THE TOP OF THE CONCRETE DISPENSER ISLAND AS PER IFC SECTION 2206.7.4.

ALL SUBMERSIBLE PUMPS SHALL BE EQUIPPED WITH STANDARD SAFETY FEATURE TO PERMIT FUEL PUMP TO OPERATE ONLY WHEN FUEL NOZZLE IS REMOVED FROM ITS BRACKET, OR NORMAL POSITION WITH RESPECT TO THE DISPENSING DEVICE AND THE SWITCH ON THE DISPENSING DEVICE IS MANUALLY ACTUATED. THIS CONTROL SHALL ALSO STOP THE FUEL PUMP WHEN ALL NOZZLES HAVE BEEN RETURNED EITHER TO THEIR BRACKETS, OR TO THE NORMAL NON-DISPENSING POSITION.

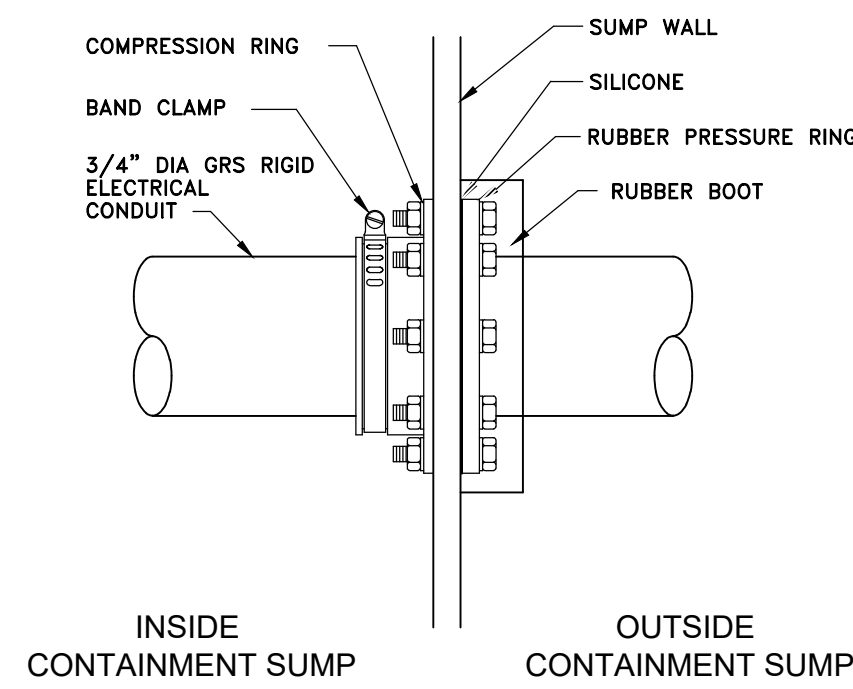
DISPENSER NOZZLE SHALL BE "LISTED" AUTOMATIC-CLOSING TYPE NOZZLE VALVE WITHOUT A LATCH-OPEN DEVICE, AS PER 2008 NYCFC, SECTION 2206.7.6.



ISOMETRIC DETAIL OF PRODUCT PIPING CROSSOVER ARRANGEMENT

NOT TO SCALE

20
M-304

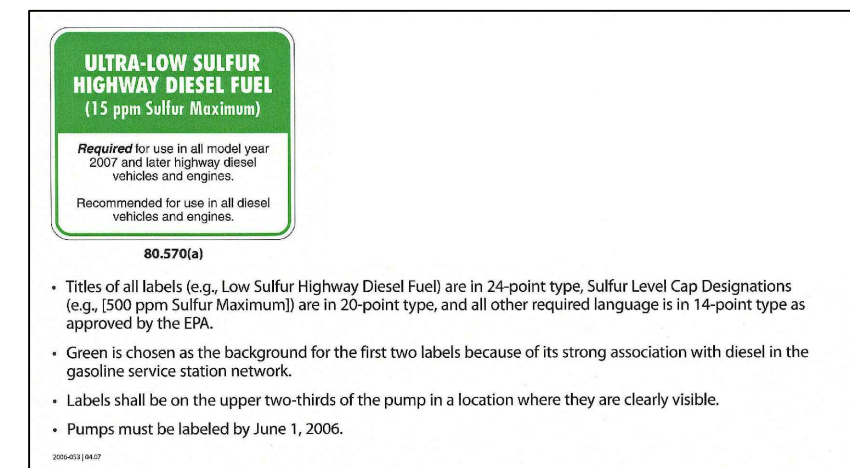


ENVIRON FEB-3075 FOR CONDUITS ENVIRON FEB-6200 FOR 2" FRP ENVIRON FEB-6300 FOR 3" FRP

BULKHEAD FITTING FLEXIBLE ENTRY BOOT FOR CONDUITS & SINGLE WALL PIPING

NOT TO SCALE

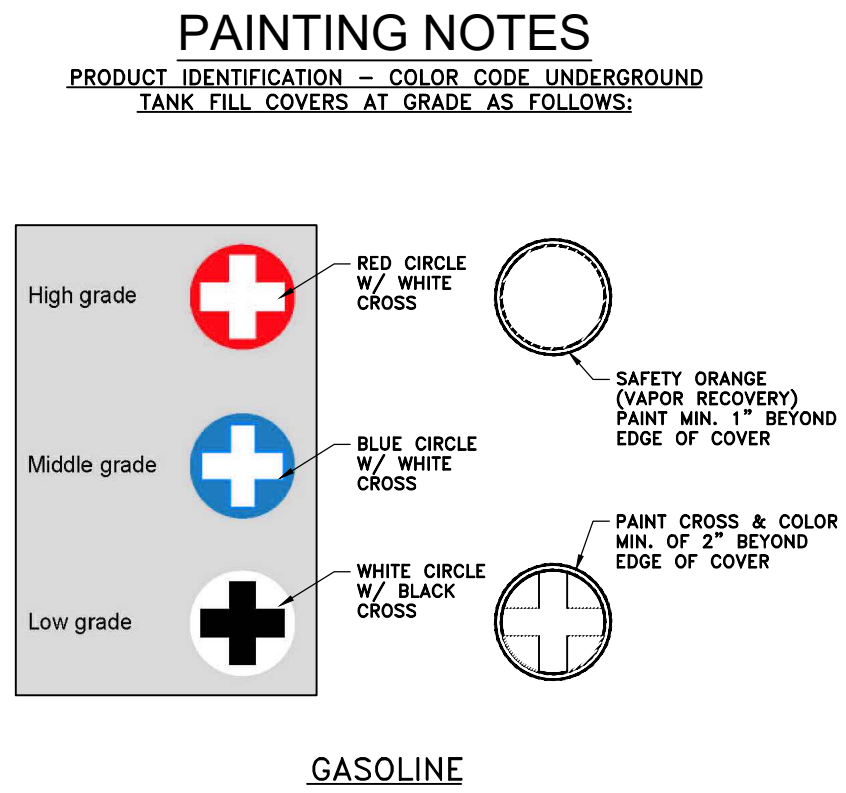
21
M-304



API SUGGESTED DIESEL PUMP LABELS

COMPLIANT W/ EPA 40 CFR 80.570

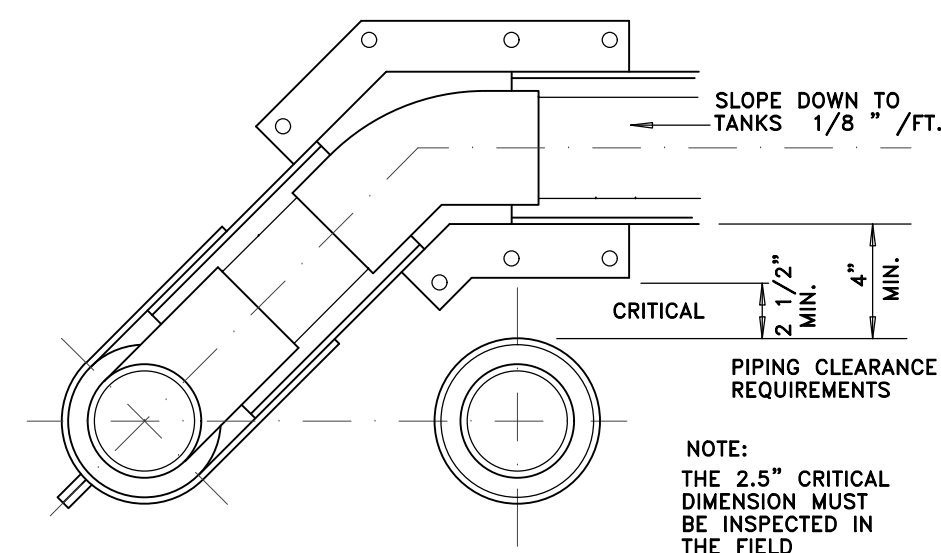
22
M-304



TANK PORT MARKING

NOT TO SCALE

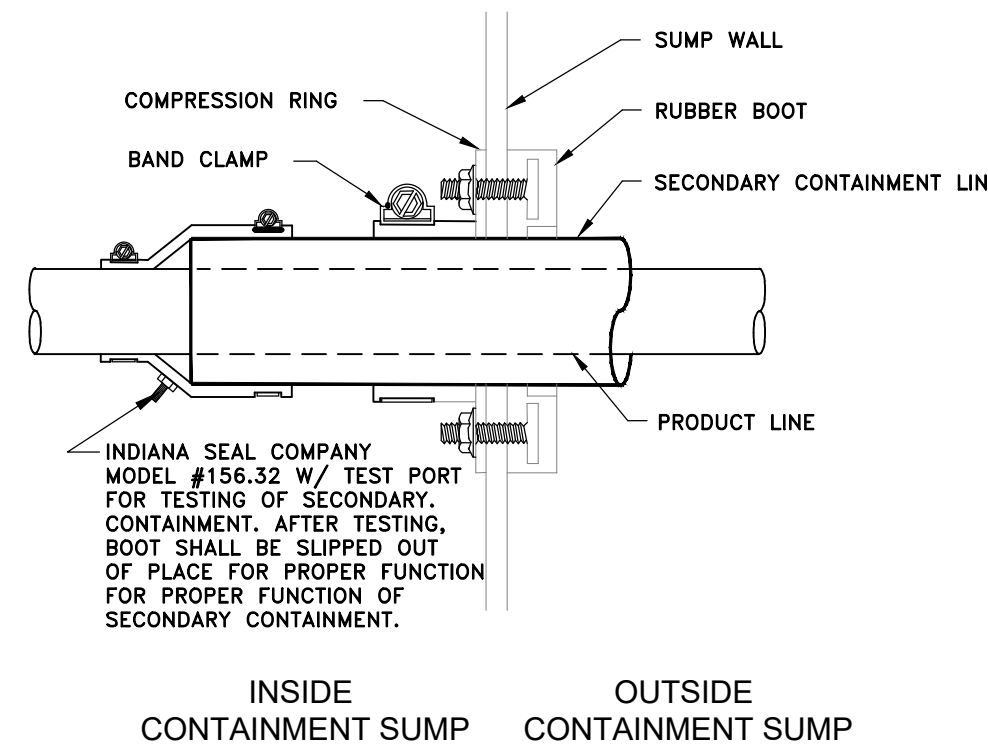
23
M-304



ENLARGED CROSSOVER DETAIL

NOT TO SCALE

24
M-304



ENVIRON FEB-6300 FOR 3" DOUBLE WALL PRODUCT PIPING

FLEXIBLE ENTRY BOOT FOR FIBERGLASS PIPING

NOT TO SCALE

25
M-304

NOTES

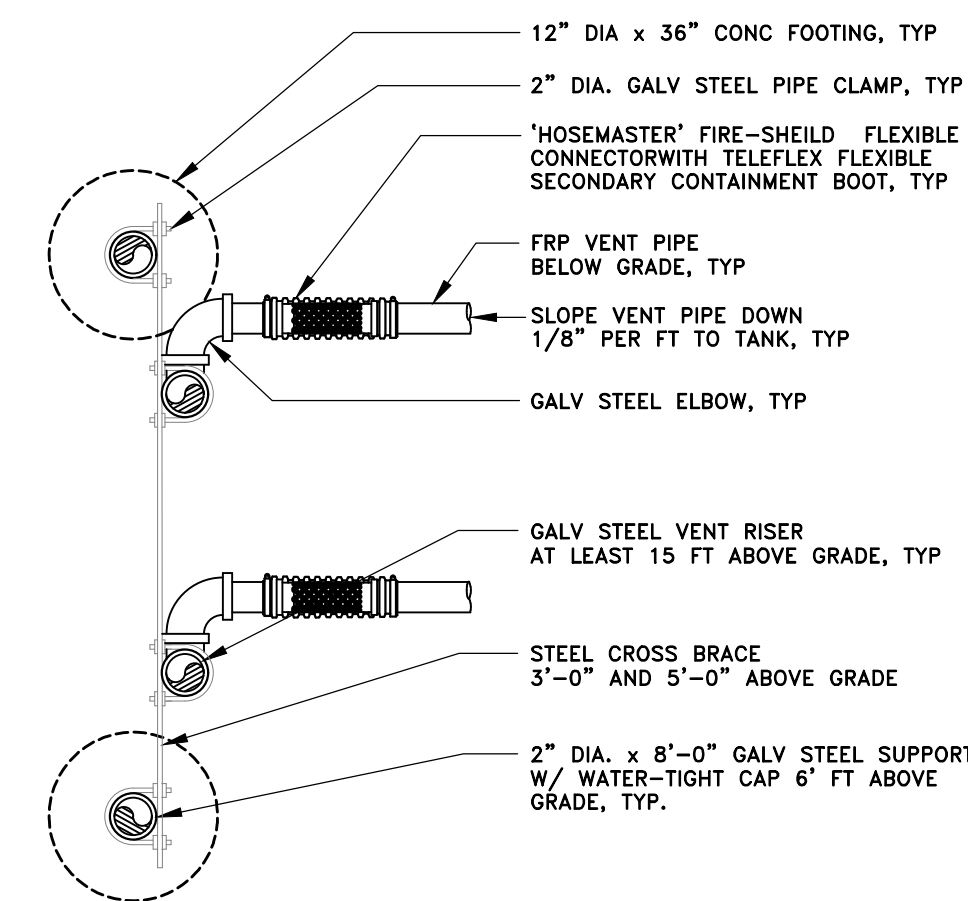
VENT RISERS SHALL BE A MIN OF 15'-0" ABOVE GRADE AND NOT LESS THAN 10'-0" AWAY FROM BUILDING OPENINGS.

SEE SITE PLAN FOR VENT RISER LOCATION AND NUMBER OF RISERS

VENT PIPING RUNS SHALL NOT EXCEED 200'-0" MAX

TANKS 10K AND OVER SHALL HAVE A 3" DIA. VENT LINE. UNDER 10K SHALL BE A 2" DIA. VENT LINE. SEE PLAN FOR LOCATION AND NUMBER OF RISERS.

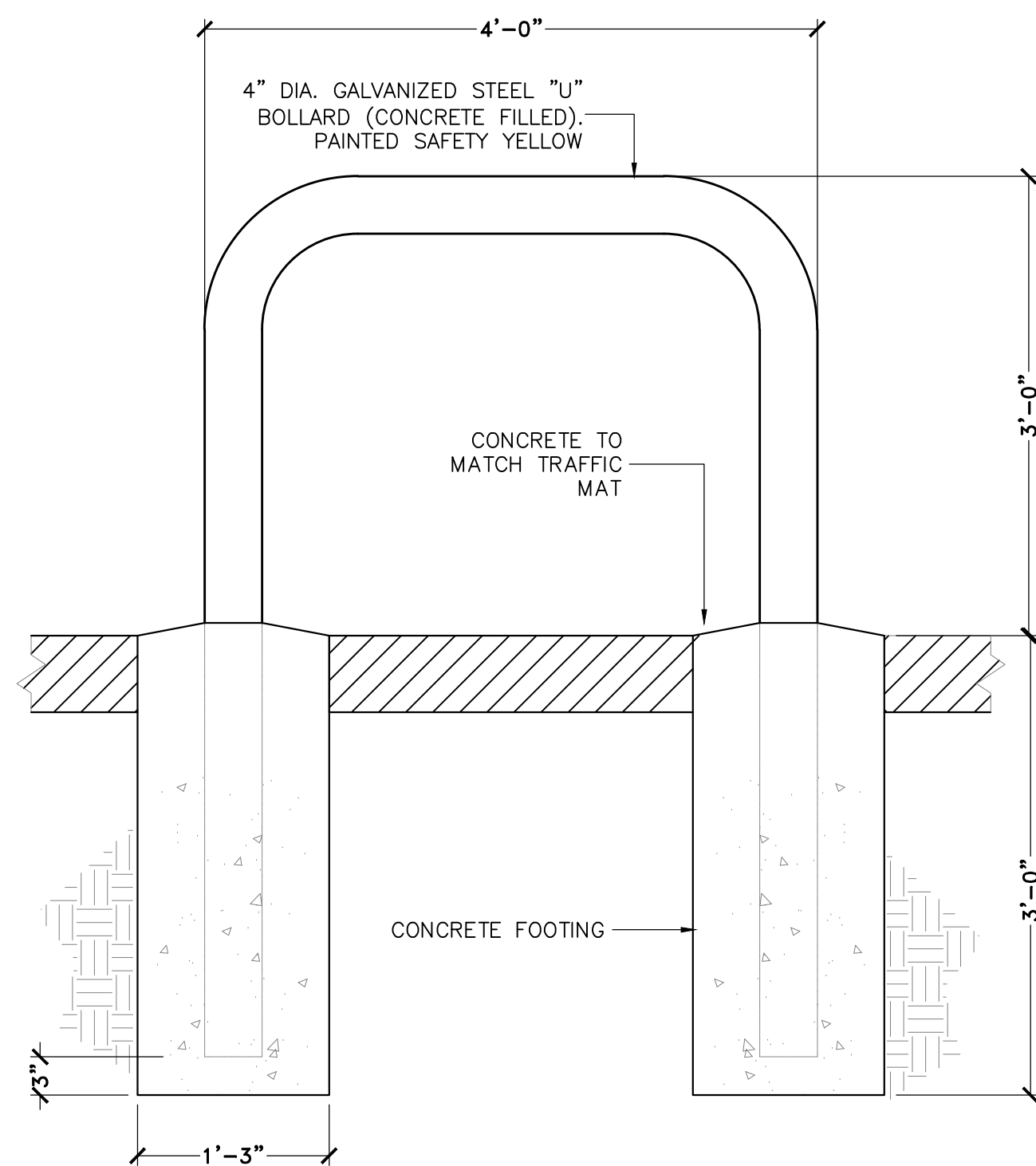
VENT PIPE SHALL BE TERMINATED SUFFICIENTLY ABOVE THE GROUND TO AVOID BEING OBSTRUCTED W/ SNOW & NOT MORE THAN 12' ABOVE THE FILL PIPE TERMINAL



TYPICAL VENT RISER DETAIL

NOT TO SCALE

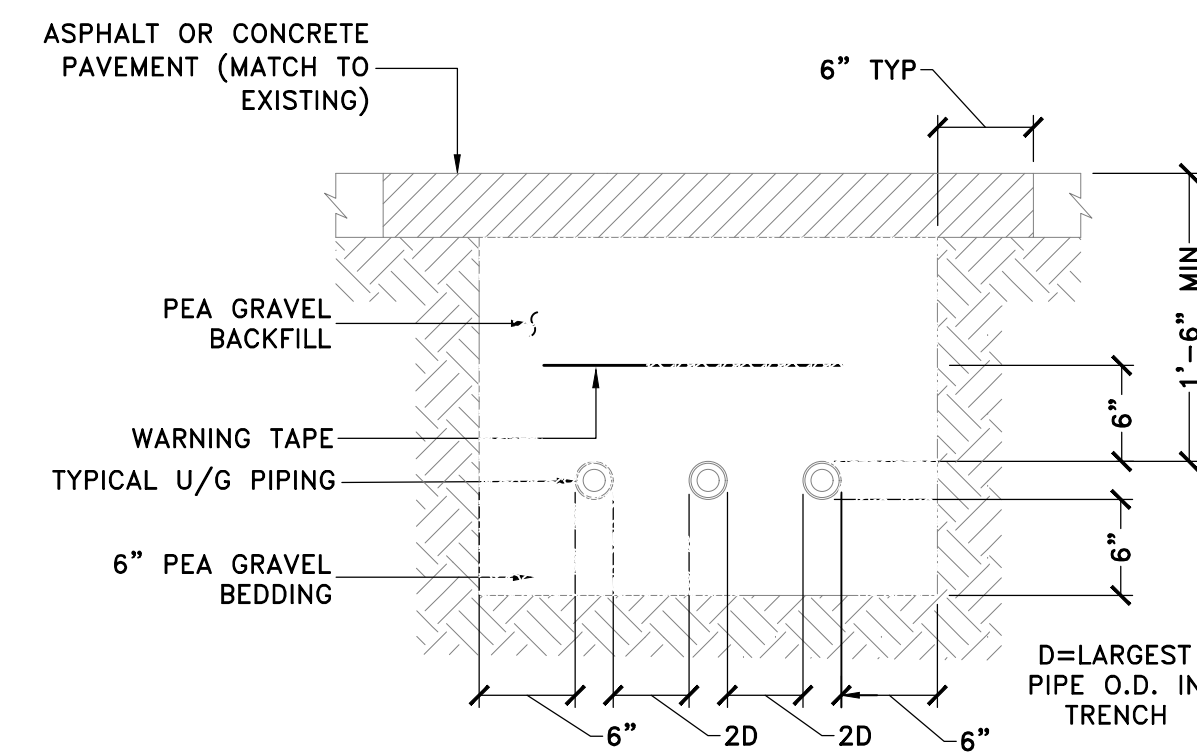
26
M-304



U - BUMPER DETAIL

SCALE : 1"=1'-0"

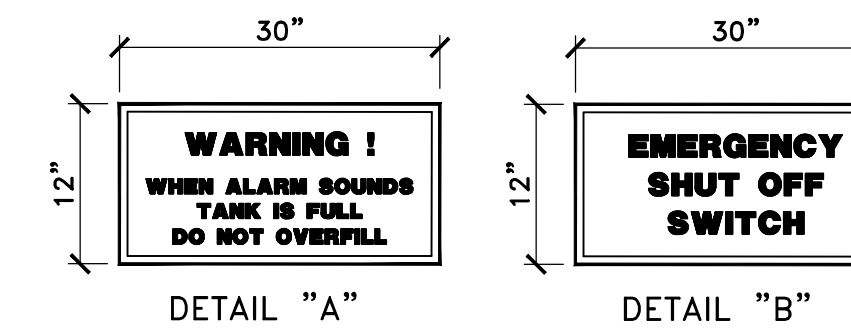
27
M-304



PIPING TRENCH DETAIL

SCALE : 1"=1'-0"

28
M-304



OVERFILL ALARM & EMERGENCY SHUT OFF SWITCH SIGNS

NOT TO SCALE

29
M-304

BRONZINO ENGINEERING, P.C.

100-3 SOUTH JERSEY AVE.
EAST SETAUKET, NY 11733
631-751-8299

CLIENT
NY DEALER STATIONS
235 MAMARONECK AVE.
WHITE PLAINS, NY 10605

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ROBERT W. BRONZINO
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
077015

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DOB APPROVAL:

PROJECT:
EXISTING SHELL SERVICE STATION
930 EAST MAIN STREET
SHRUB OAK, NY

| | |
|----------|------------|
| SECTION: | BLOCK: 6 |
| LOT: 6 | MAP: 16.07 |

DRAWING TITLE:
PROPOSED MOTOR FUEL DISPENSING SYSTEM UPGRADES MISC. DETAILS

| | |
|------------|----------|
| PROJECT #: | 200104 |
| SCALE: | AS NOTED |
| DATE: | 11/30/20 |

DRAWING NO:
M-304.00

SHEET NO:
8 OF 10

| No. | DESCRIPTION | DATE |
|-----|---------------------------------------|---------|
| 1 | REVISED NUMBER OF TANKS TO BE REMOVED | 2/14/22 |

ROBERT W. BRONZINO
 STATE OF NEW YORK
 PROFESSIONAL ENGINEER
 LICENSE NO. 077015

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DOB APPROVAL:

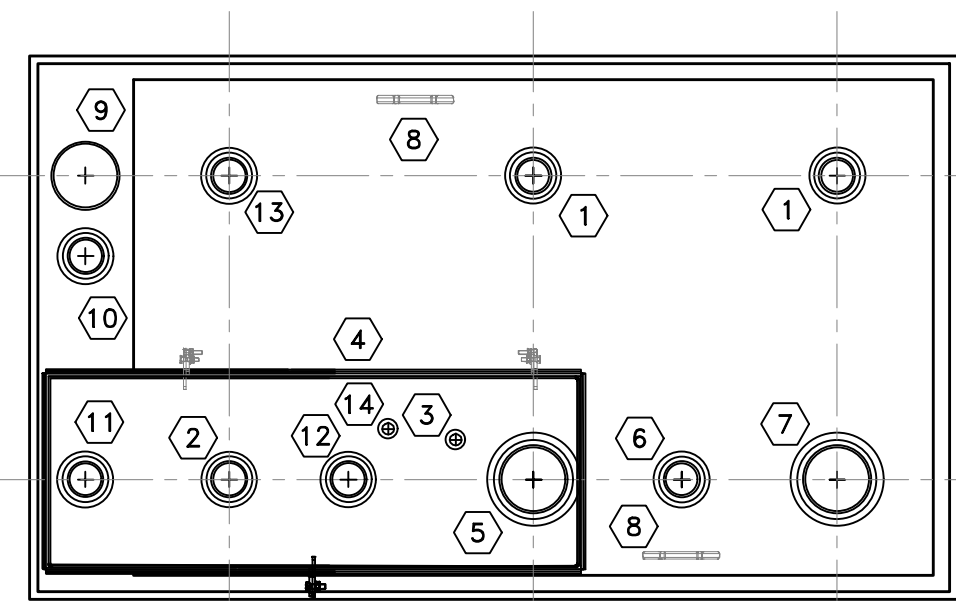
PROJECT:
EXISTING SHELL SERVICE STATION
 930 EAST MAIN STREET
 SHRUB OAK, NY

| | |
|----------|------------|
| SECTION: | BLOCK: 6 |
| LOT: 6 | MAP: 16.07 |

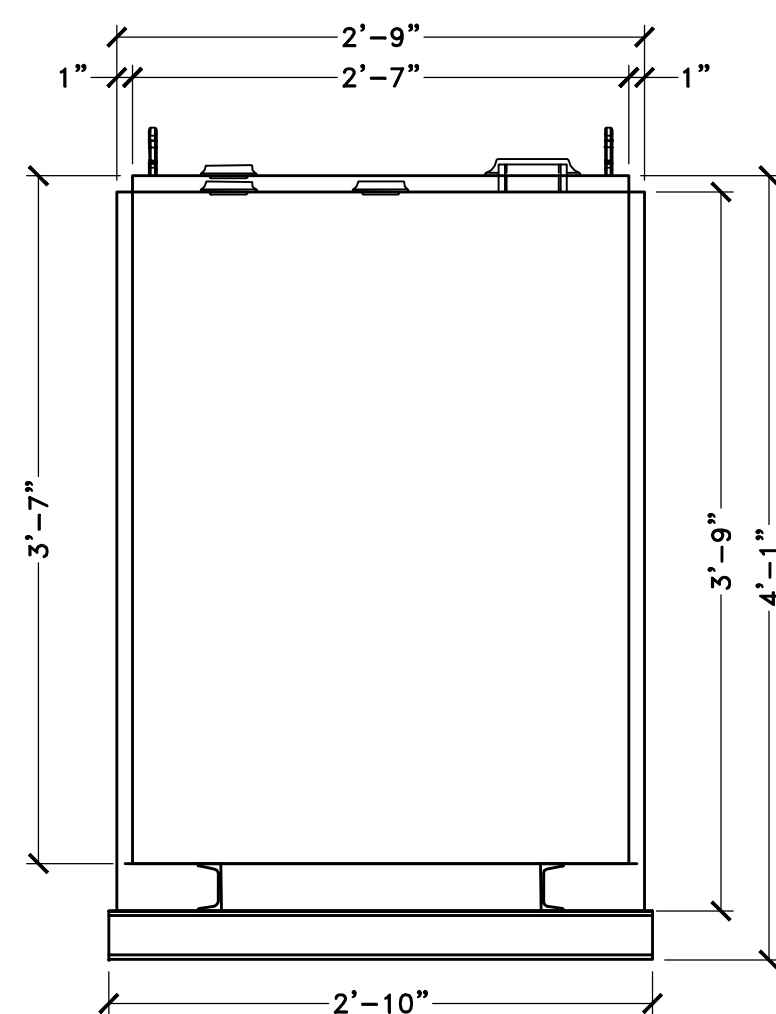
DRAWING TITLE:
PROPOSED MOTOR FUEL DISPENSING SYSTEM UPGRADES FUEL OIL TANK DETAILS

| | |
|------------|----------|
| PROJECT #: | 200104 |
| SCALE: | AS NOTED |
| DATE: | 11/30/20 |

DRAWING NO:
M-305.00
 SHEET NO:
9 OF 10



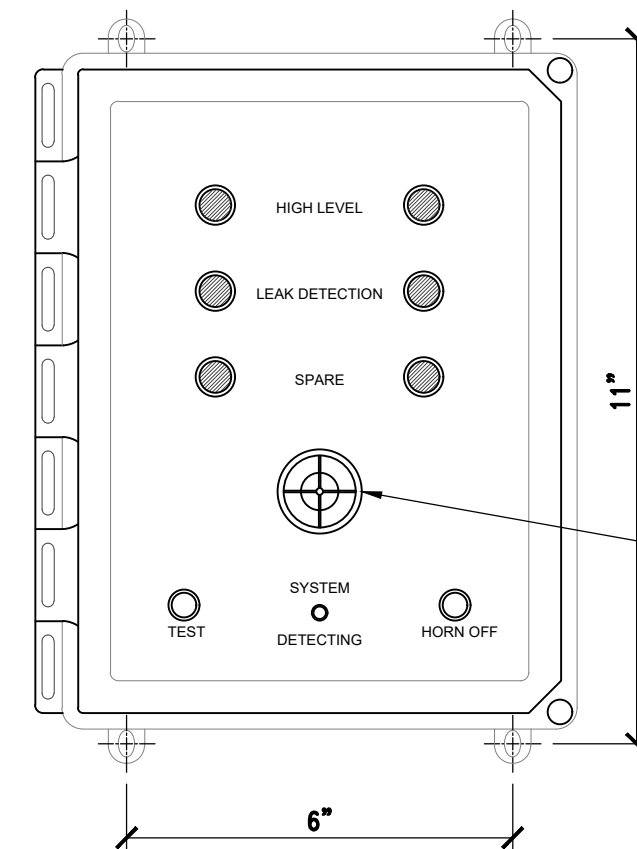
TOP VIEW



END VIEW

TANK HIGH LEVEL

1. THE OVERFILL PREVENTION VALVE SHALL BE SET TO LIMIT THE PRODUCT IN THE TANK TO 95% OF CAPACITY.
2. THE HIGH LEVEL SENSOR IS TO BE SET TO ALARM AT 90% OF TANK CAPACITY



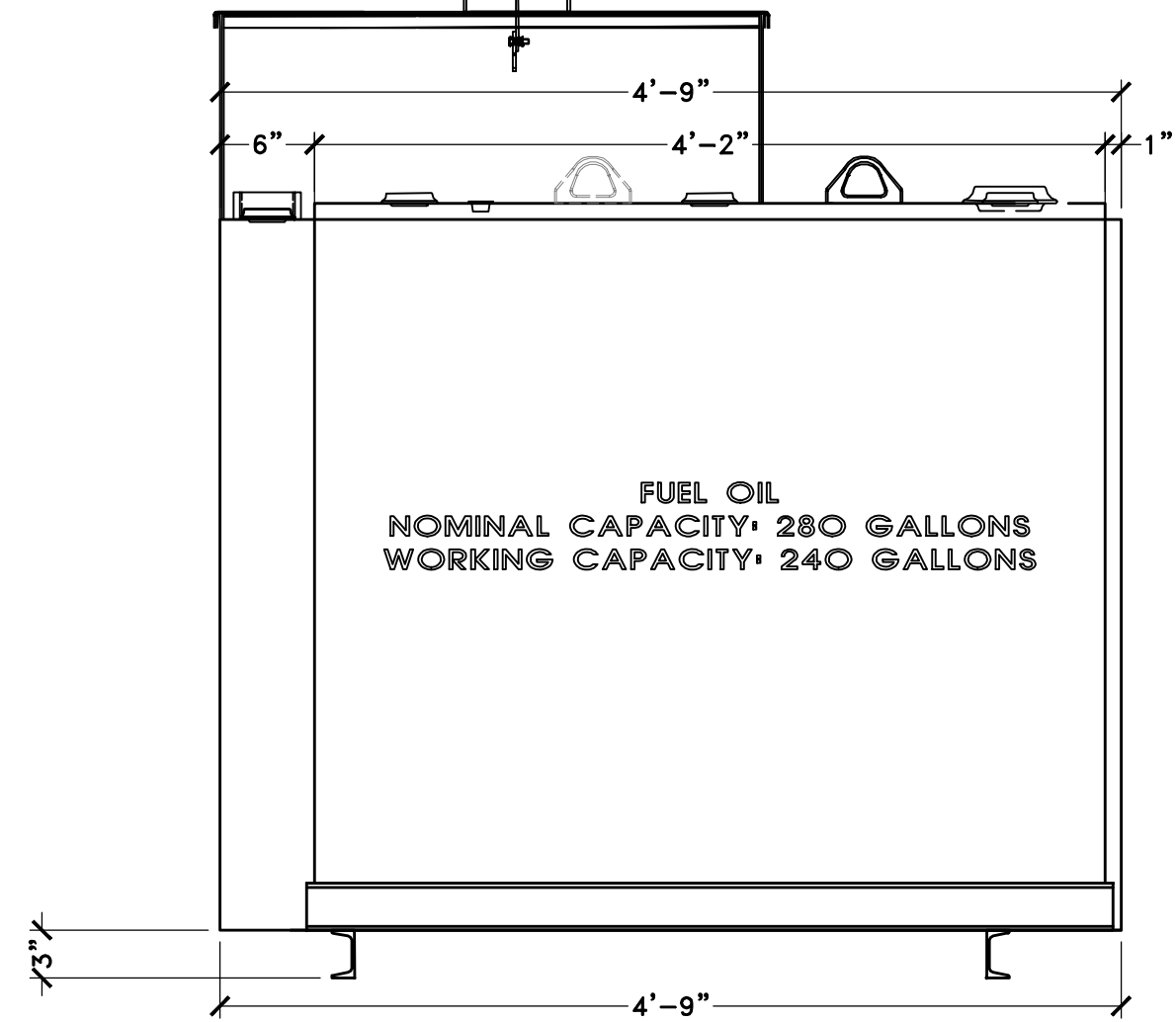
NOTE:
 MONITORING PANEL TO BE INSTALLED AND SUPPORTED AS PER MANUFACTURERS SPECIFICATIONS

AUDIO / VISUAL ALARM

OMNTEC L1PD2 MONITORING PANEL

NOT TO SCALE

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 M-305



SIDE VIEW

NOTE:
 OVERALL SHIPPING DIMENSION: 4'-10" L X 2'-10" W X 5'-2" H

TANK SPECIFICATIONS
 VENTING CAPACITY: PRIMARY TANK - 63,200 CUBIC FEET PER HOUR
 SECONDARY TANK - 73,700 CUBIC FEET PER HOUR

MATERIAL: PRIMARY TANK - 10 GA.
 SECONDARY TANK - 10 GA.

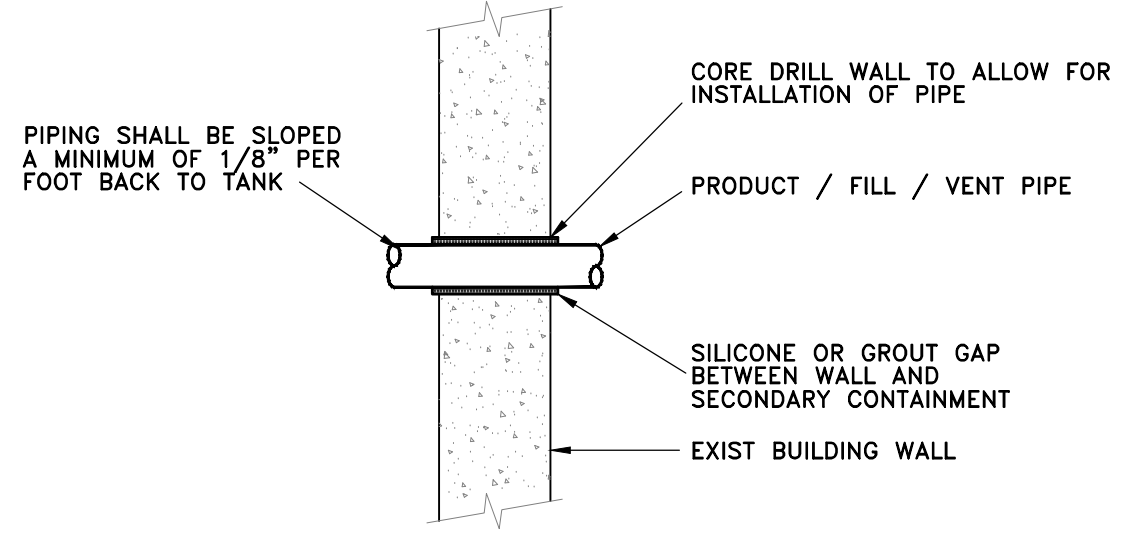
NOTE: PRIMARY TANK VENT TO TERMINATE A MIN. OF 8 FEET ABOVE TANK TOP

280 GALLON "LUBECUBE" TANK DETAILS

SCALE : 1"=1'-0"

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 M-305

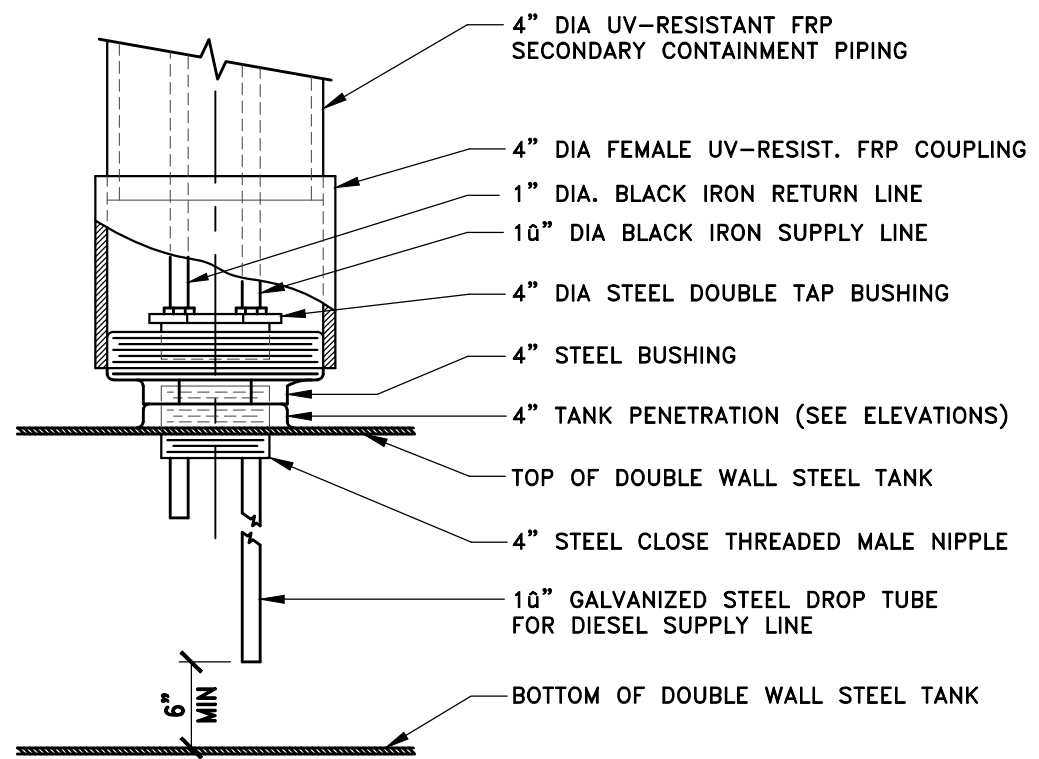
| ITEM | SIZE | DESCRIPTION |
|------|------|--|
| ① | 2" | SPARE |
| ② | 2" | FILL PORT (OPW ISTOP-1000) |
| ③ | 1/2" | DRAIN FOR SPILL BOX |
| ④ | N/A | 15 GALLON STEEL SPILL BOX |
| ⑤ | 4" | PRIMARY EMERGENCY VENT (OPW 202) |
| ⑥ | 2" | SITE GAUGE (SCULLY UNI-GAUGE) |
| ⑦ | 4" | SPARE |
| ⑧ | N/A | LIFTING LUG |
| ⑨ | 4" | SECONDARY EMERGENCY VENT (OPW 202) |
| ⑩ | 2" | SECONDARY TANK VENT (OEM 4025) |
| ⑪ | 4" | SECONDARY OVERFLOW PORT PORT (SET AT TANK TOP ELEV.) |
| ⑫ | 2" | HIGH LEVEL GAUGE (OMNTEC L-SERIES) |
| ⑬ | 2" | PRIMARY TANK VENT (OEM 4025) |
| ⑭ | N/A | SPILL BOX LEAK DETECTION (OMNTEC LS-ASC) |



WALL PENETRATION DETAIL

NOT TO SCALE

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 M-305



DOUBLE TAP BUSHING DETAIL

NOT TO SCALE

33
 M-305

BRONZINO ENGINEERING, P.C.
 100-3 SOUTH JERSEY AVE.
 EAST SETAUKET, NY 11733
 631-751-8299

CLIENT
NY DEALER STATIONS
 235 MAMARONECK AVE.
 WHITE PLAINS, NY 10605

ALL DRAWINGS ARE TO BE
 READ - NOT SCALED

| No. | DESCRIPTION | DATE |
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DOB APPROVAL:

PROJECT:
**EXISTING SHELL
 SERVICE STATION
 930 EAST MAIN
 STREET
 SHRUB OAK, NY**

| | |
|----------|------------|
| SECTION: | BLOCK: 6 |
| LOT: 6 | MAP: 16.07 |

DRAWING TITLE:
**PROPOSED MOTOR
 FUEL DISPENSING
 SYSTEM UPGRADES
 BUILDING & SIGNAGE
 ELEVATIONS**

| | |
|------------|----------|
| PROJECT #: | 200104 |
| SCALE: | AS NOTED |
| DATE: | 11/30/20 |

DRAWING NO:
A-300.00

SHEET NO:
9 OF 10