

RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION

RIDGEFIELD, CONNECTICUT

CONTRACT DRAWING

GENERAL NOTES:

1. BASE MAPPING WAS PREPARED FROM FIELD WORK CONDUCTED BY SNYDER CIVIL ENGINEERING, LLC IN JUNE OF 2022 AND SUPPLEMENTED WITH INFORMATION FROM THE FOLLOWING MAPS:
 - A. USGS HIGH-RESOLUTION ORTHO IMAGERY
 - B. "WATER MAIN REPLACEMENT PROJECTS 2020 - BID GROUP 24 CRAIGMOOR ROAD WATER MAIN REPLACEMENT, RIDGEFIELD, CONNECTICUT, CONTRACT DRAWING, MARCH 2020, REVISED 04-17-2020. PREPARED FOR: AQUARIAN WATER COMPANY OF CT, PREPARED BY: SNYDER CIVIL ENGINEERING, LLC"
2. REFERENCE FOR THE LOCATION OF SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THE DRAWINGS IS BASED ON INFORMATION PROVIDED BY THE FOLLOWING:

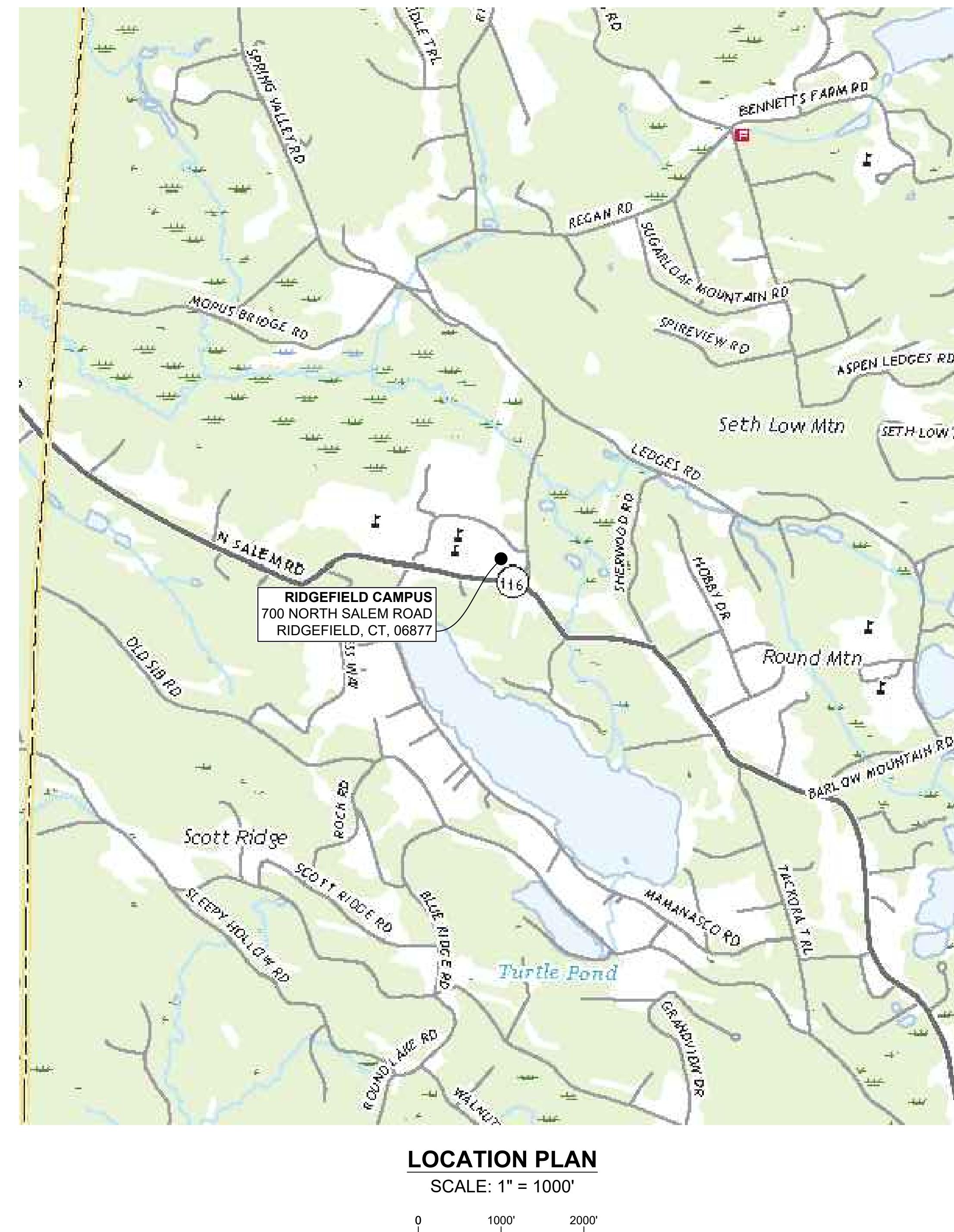
ELECTRIC - NONE
STORM DRAINAGE - FIELD LOCATION AND MAPPING PROVIDED BY THE TOWN OF RIDGEFIELD
WATER - FIELD LOCATION AND MAPPING PROVIDED BY AWC
SANITARY SEWER - MAPPING PROVIDED BY THE TOWN OF RIDGEFIELD
COMMUNICATIONS - FIELD LOCATION
GAS - NONE
3. THE LOCATION OF ALL SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURES INCLUDING BUT NOT LIMITED TO PIPES, CABLES AND CONDUITS ARE NOT GUARANTEED TO BE EXACT, NOR IS IT GUARANTEED THAT ALL UNDERGROUND OR SUBSURFACE ITEMS ARE SHOWN.
4. THE EXACT TYPE, SIZE, LOCATION AND DEPTH OF EXISTING WATER MAINS IS UNKNOWN. THE EXISTING WATER MAINS ON THIS PLAN ARE SHOWN FOR SCHEMATIC PURPOSES ONLY BASED ON THE BEST AVAILABLE INFORMATION OBTAINED BY FIELD LOCATION AND MAPPING AND INFORMATION PROVIDED BY AQUARIAN WATER COMPANY.
5. MINIMUM WATER MAIN SANITARY INSTALLATION CLEARANCES ARE LISTED AS FOLLOWS:

FOR WATER MAINS INSTALLED BELOW SANITARY SEWERS OR STORM DRAINS - 18" VERTICAL CLEARANCE
FOR WATER MAINS INSTALLED ABOVE SANITARY SEWERS OR STORM DRAINS - 12" VERTICAL CLEARANCE

IF MINIMUM INSTALLATION CLEARANCES CANNOT BE MET, THE CONTRACTOR SHALL

 - NOTIFY THE ENGINEER
 - PROVIDE A WATER TIGHT SEAL AT JOINTS WITHIN 10' OF THE CROSSING USING A PIPE JOINT REPAIR CLAMP OR MECHANICAL JOINT
 - INSTALL A 2" RIGID INSULATION PROTECTIVE BARRIER BETWEEN THE WATER MAIN AND SEWER OR STORM DRAIN
6. ALL SURFACE RESTORATION INCLUDING PAVEMENT, CURBING, LANDSCAPING, PLANTING AND TREE REPLACEMENT SHALL BE COORDINATED WITH THE PROPERTY OWNERS AND THE TOWN OF RIDGEFIELD.
7. ALL VALVES OUTSIDE THE VAULT SHALL BE OPEN RIGHT (OTR).

*ELEVATION DATUM - NAVD 88 (IN FEET)



| SHEET DIRECTORY | |
|-----------------|--|
| SHEET NO. | SHEET CONTENTS |
| 1 | SITE PLAN |
| 2 | METER VAULT PLAN, SECTION AND DETAILS |
| 3 | EXISTING WATER TREATMENT BUILDING LAYOUT AND DISCONNECTION PLAN AND EXISTING SECTION A-A PIPING ELEVATION VIEW |
| 4 | EXISTING FIRE PUMP HOUSE AND CONNECTION PLAN, SECTION A-A VIEW, AND LIMITED ONE LINE DIAGRAM |
| 5 | SITE DETAILS |

PREPARED FOR:



TOWN OF RIDGEFIELD
400 MAIN STREET
RIDGEFIELD, CT 06877

PREPARED BY:



SNYDER CIVIL ENGINEERING, LLC
150 MARLBOROUGH STREET
PORTLAND, CT 06480

| | | | | |
|-------------|--------------------------|---------------------|----------------------|-----------------------|
| CATCH BASIN | ROCK/BOULDER | STONE WALL | VALVE | TEE |
| STREET SIGN | SURVEY CONTROL POINT | COMM. LINE | HYDRANT | VERTICAL BEND |
| MAILBOX | SPOT ELEVATION | ELEC. LINE | CURB BOX | 90° ELBOW |
| SHRUB/BUSH | IRON PIN/PIPE | SANITARY SEWER MAIN | WATER METER | 45° ELBOW |
| VALVE | CONIFEROUS TREE | WATER MAIN | REDUCER | 22-1/2° ELBOW |
| HYDRANT | DECIDUOUS TREE | GAS MAIN | COUPLING OR SLEEVE | THRUST BLOCK / COLLAR |
| CURB VALVE | TREE STUMP | TRAFFIC CTRL LINE | ENDCAP | INSERTION VALVE |
| WATER METER | UTILITY POLE W/ GUY WIRE | TREELINE/BRUSHLINE | BLOW-OFF OR AIR VENT | 11-1/4° ELBOW |
| LIGHT POST | GARDEN | PROPERTY LINE | | |
| MANHOLE | TRAFFIC LOOP | STORM DRAIN PIPE | | |
| FENCE | CROSS WALK | RETAINING WALL | | |
| | | SHRUB ROW | | |
| | | | WATER MAIN | |
| | | | SERVICE LINE | |

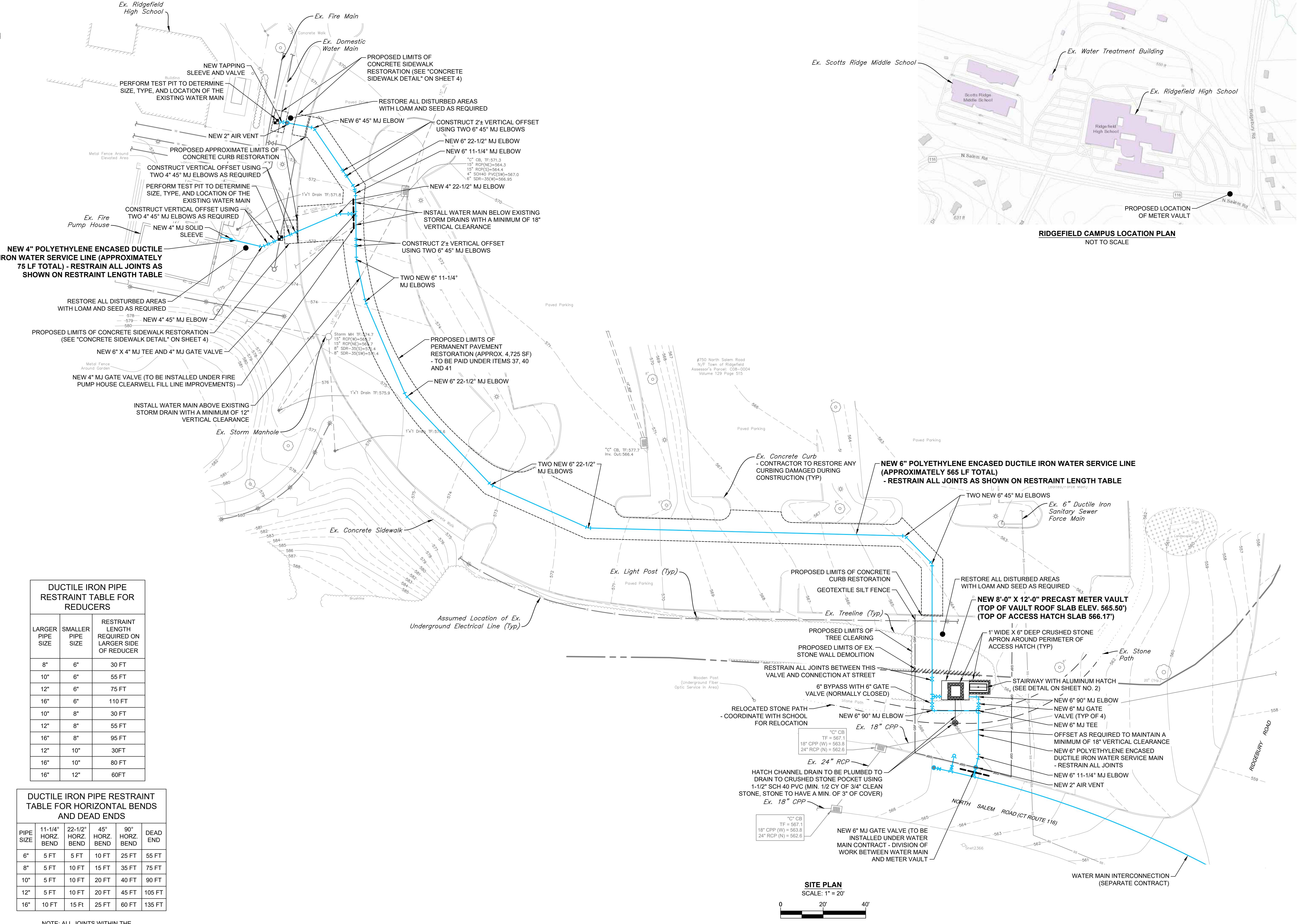
NOTE:
 • EXISTING FEATURES ARE DRAWN IN THIN LIGHT GREY. PROPOSED FEATURES ARE DRAWN BOLD AND LIGHT BLUE AND BLACK.
 • ALL DRAIN PIPE AND SANITARY SEWER ELEVATIONS SHOWN WITH MULTILEADERS ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED

CONTRACT
DRAWING

| SITE PLAN | | DRAWN | | | REVIEWED | | |
|-----------|--|----------------|-------|-----|----------|-----|-----|
| | | DESIGNED | DRAWN | YER | CHECKED | ZAK | YER |
| | | SCALE AS NOTED | | | | | |

PREPARED FOR:
TOWN OF
RIDGEFIELD
Ridgefield, Connecticut

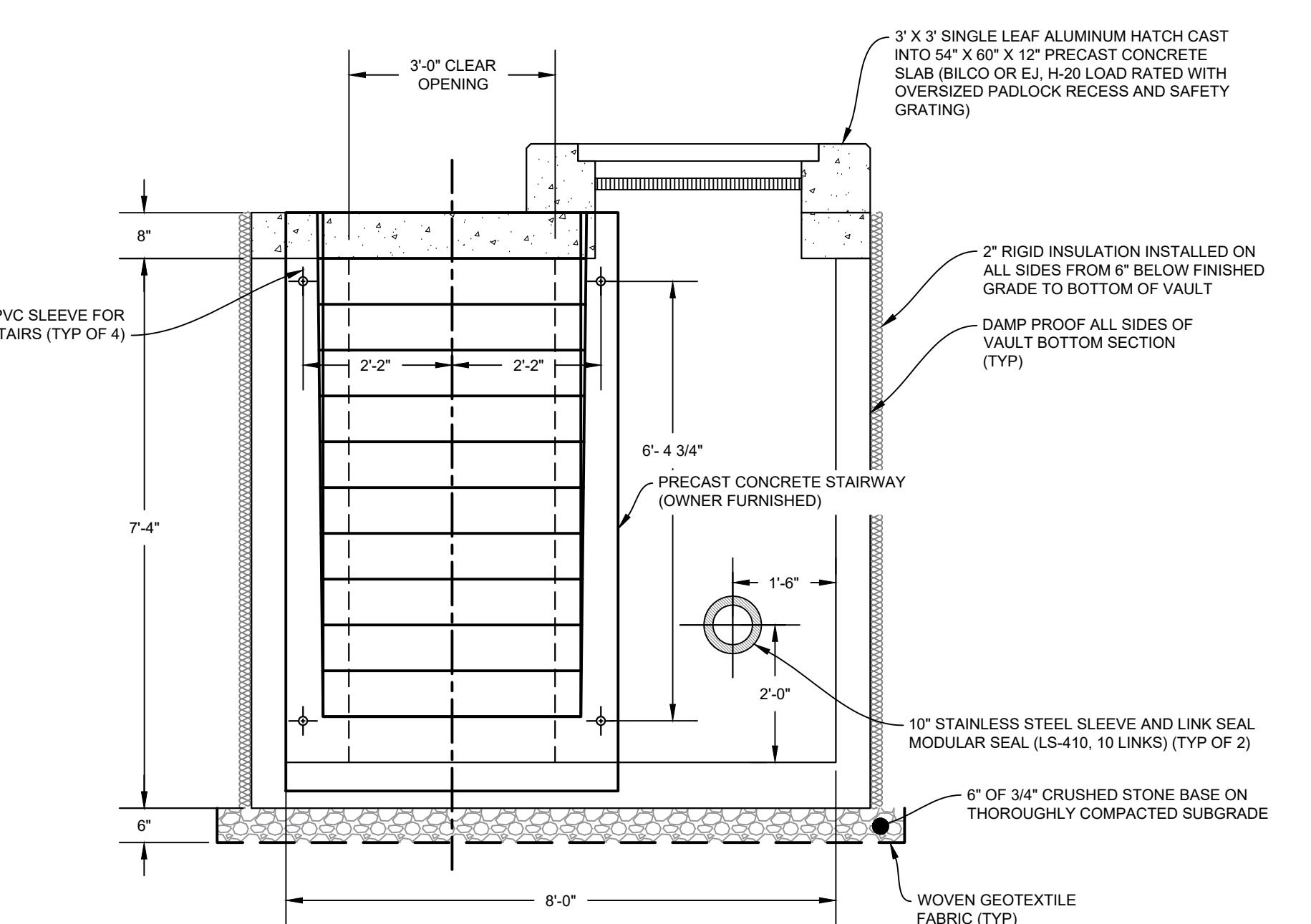
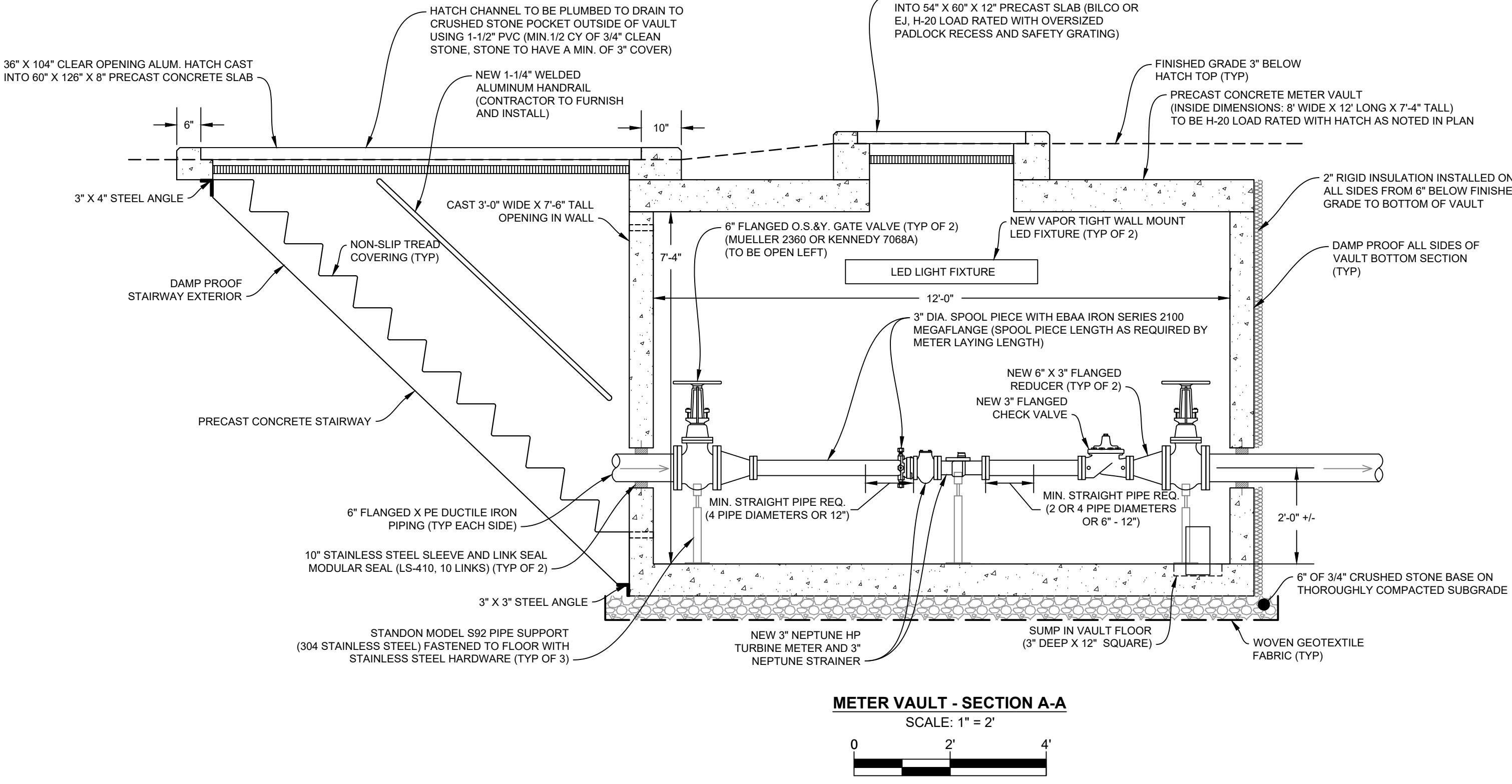
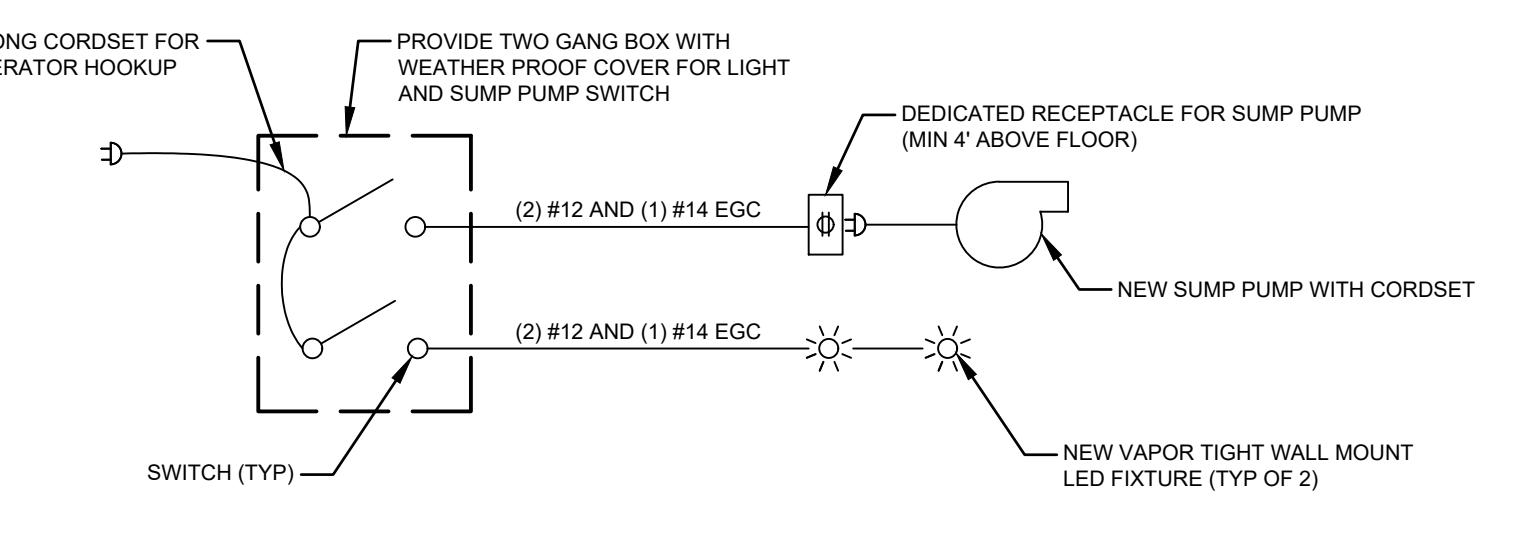
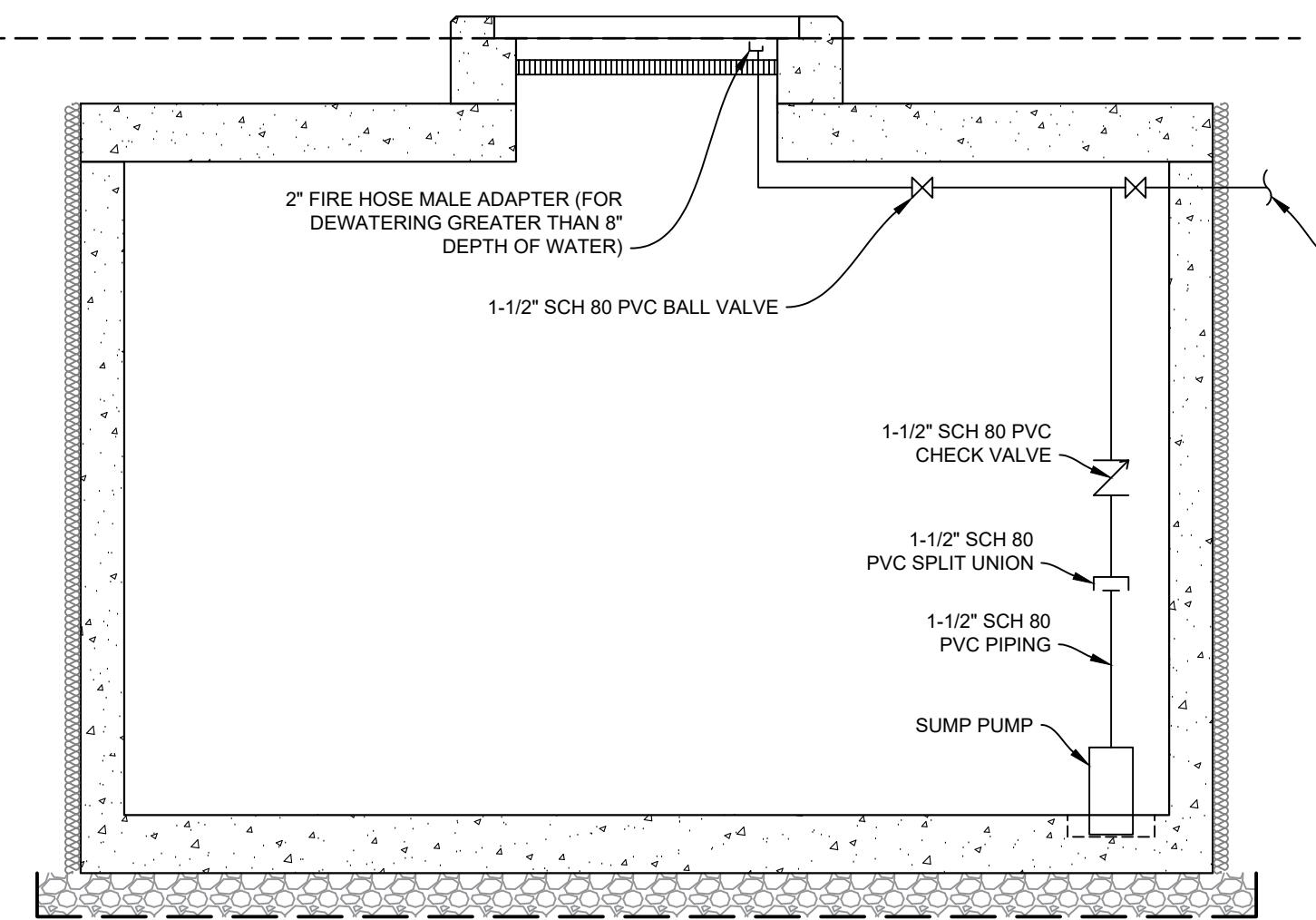
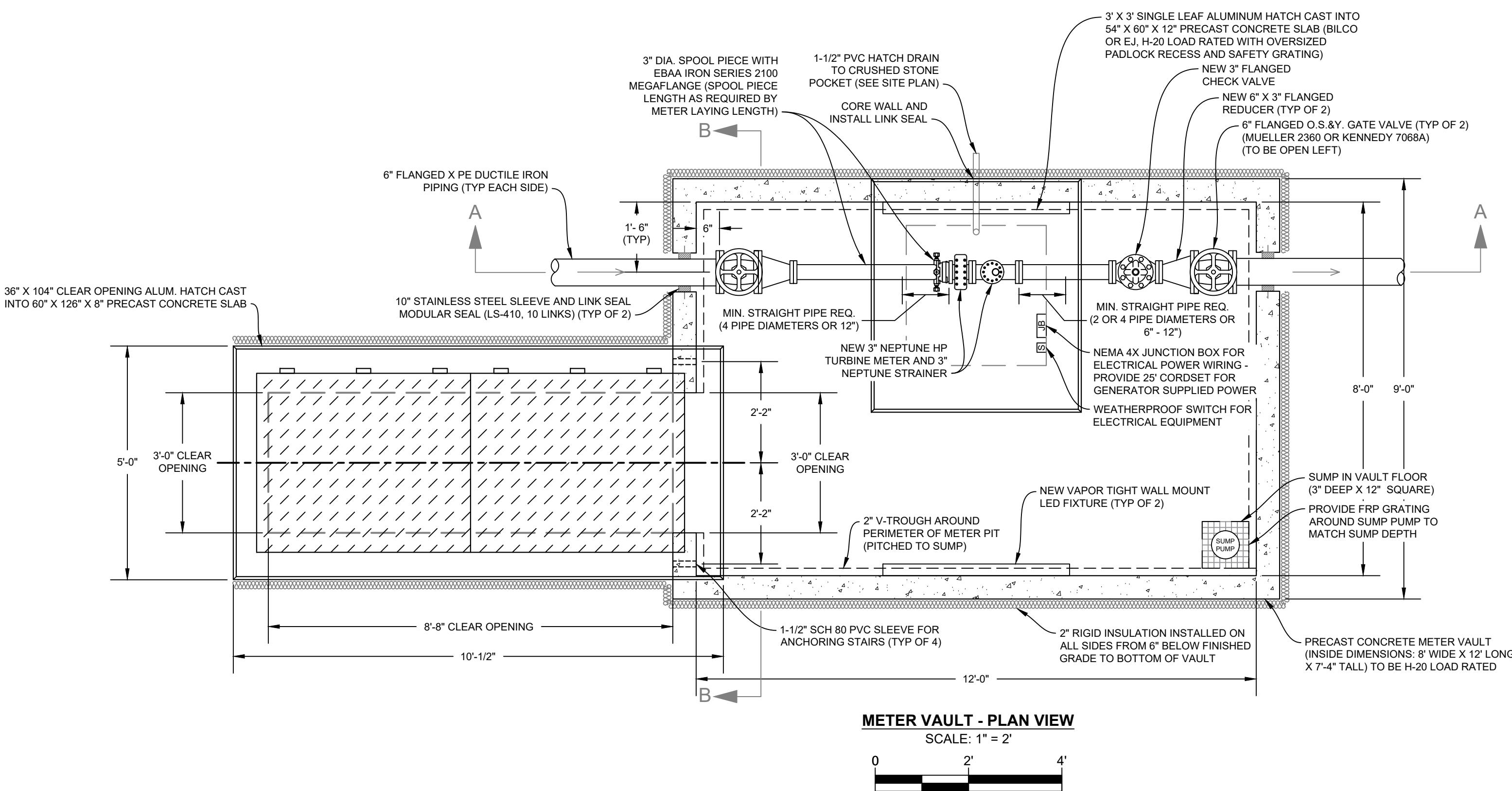
RIDGEFIELD HIGH AND MIDDLE
SCHOOL INTERCONNECTION

SHEET NO. 1 OF 5
JOB NO. R.F.D - 0 0 1

SITE PLAN
SCALE: 1" = 20'

CONTRACT DRAWING

CONTRACT
DRAWING
METER VAULT PLAN, SECTION, AND DETAILS

SCALE AS NOTED

DRAWN
REVIEWEDCHECKED
REvisedZAK
YER
RIDGEFIELD HIGH AND MIDDLE
SCHOOL INTERCONNECTION

PREPARED FOR:
TOWN OF
RIDGEFIELD

 Ridgefield, Connecticut
Ridgefield, Connecticut

 SHEET NO. 2 OF 5
JOB NO. RFD - 001

CONTRACT DRAWING

GENERAL:

BASE MAPPING WAS PREPARED FROM FIELD WORK CONDUCTED BY SNYDER CIVIL ENGINEERING, LLC IN MAY OF 2025 AND SUPPLEMENTED WITH INFORMATION FROM THE FOLLOWING DRAWINGS:

1. "THE RIDGEFIELD MIDDLE SCHOOL NORTH SALEM ROAD (ROUTE 116) RIDGEFIELD, SITE PLAN AND DETAILS, SHEET 4 OF 6" PREPARED BY M.J. DALY AND SONS, INC. DATED SEPTEMBER 26, 2001.

SHEET NO. 4



PORTLAND, CONNECTICUT

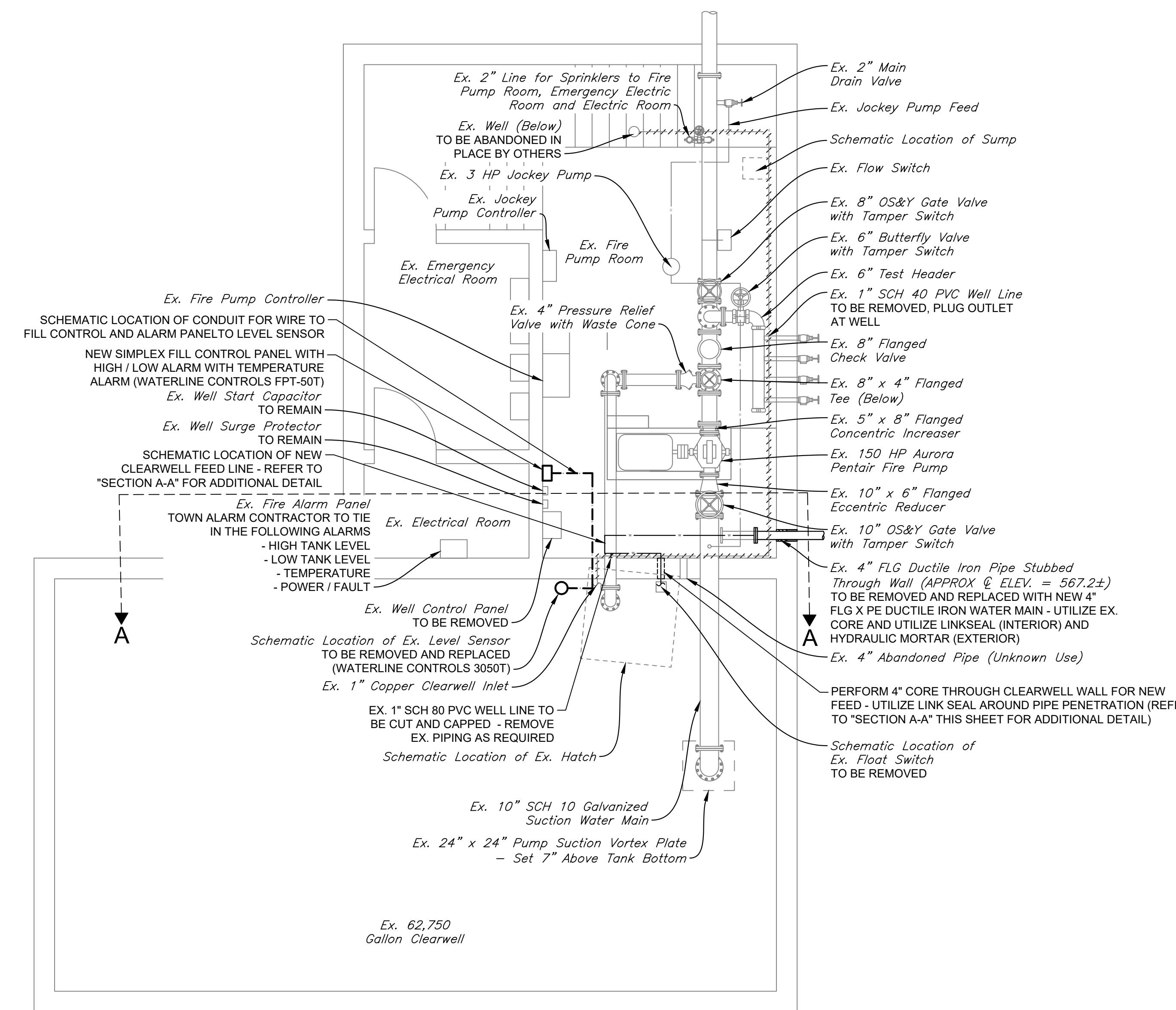
CONTRACT DRAWING

EXISTING FIRE PUMP HOUSE AND CONNECTION PLAN, SECTION A-A VIEW, AND LIMITED ONE LINE DIAGRAM

| DESIGNED | DRAWN | REVIEWED |
|------------|-------|------------|
| ZAK YER | YER | ZAK YER |

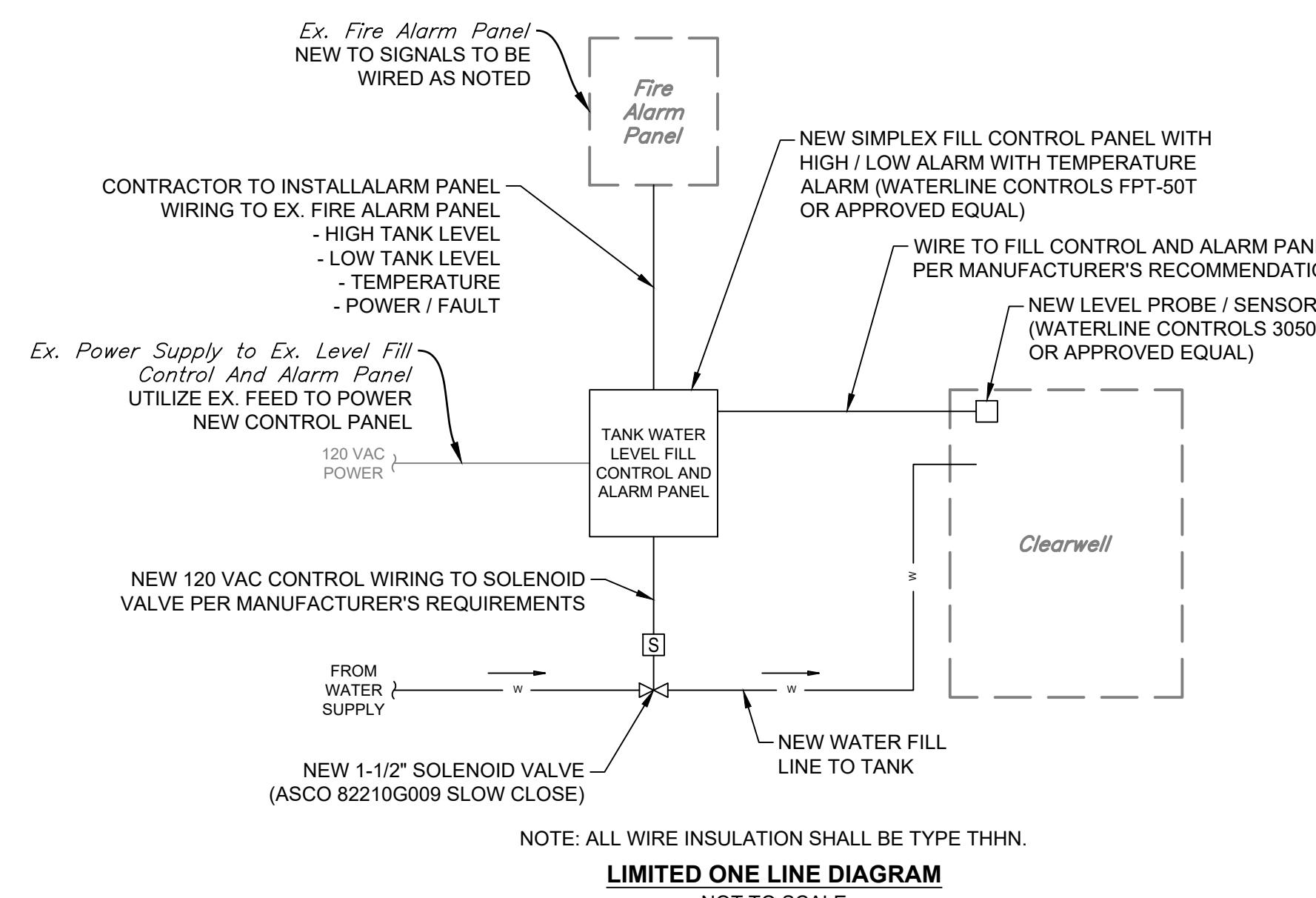
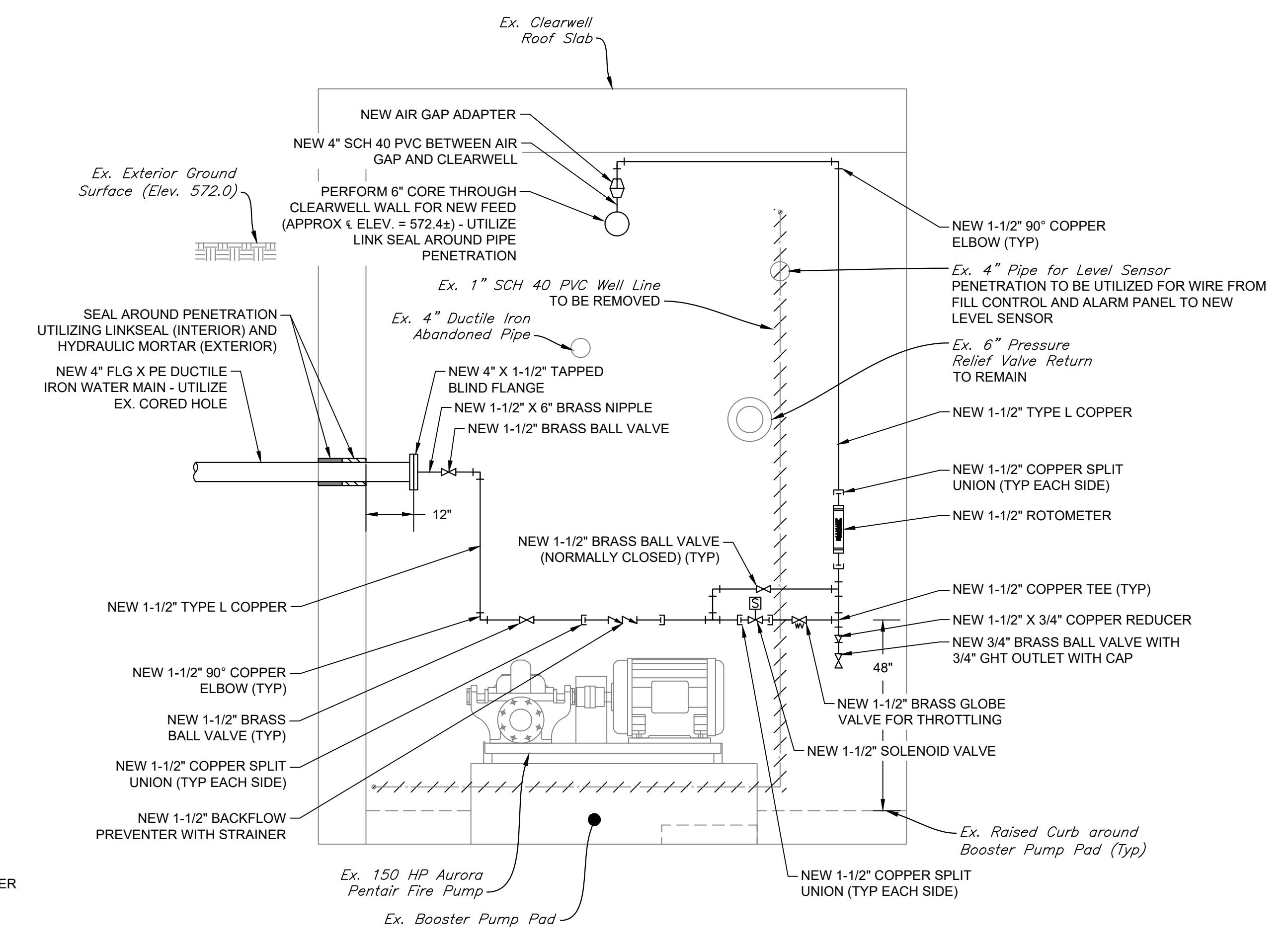
RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION

| JUN E 2025 | SHEET NO. 4 OF 5 | CONTRACT DRAWING |
|------------|------------------|-------------------|
| | | JOB NO. RFD - 001 |



EXISTING FIRE PUMP HOUSE AND CONNECTION PLAN

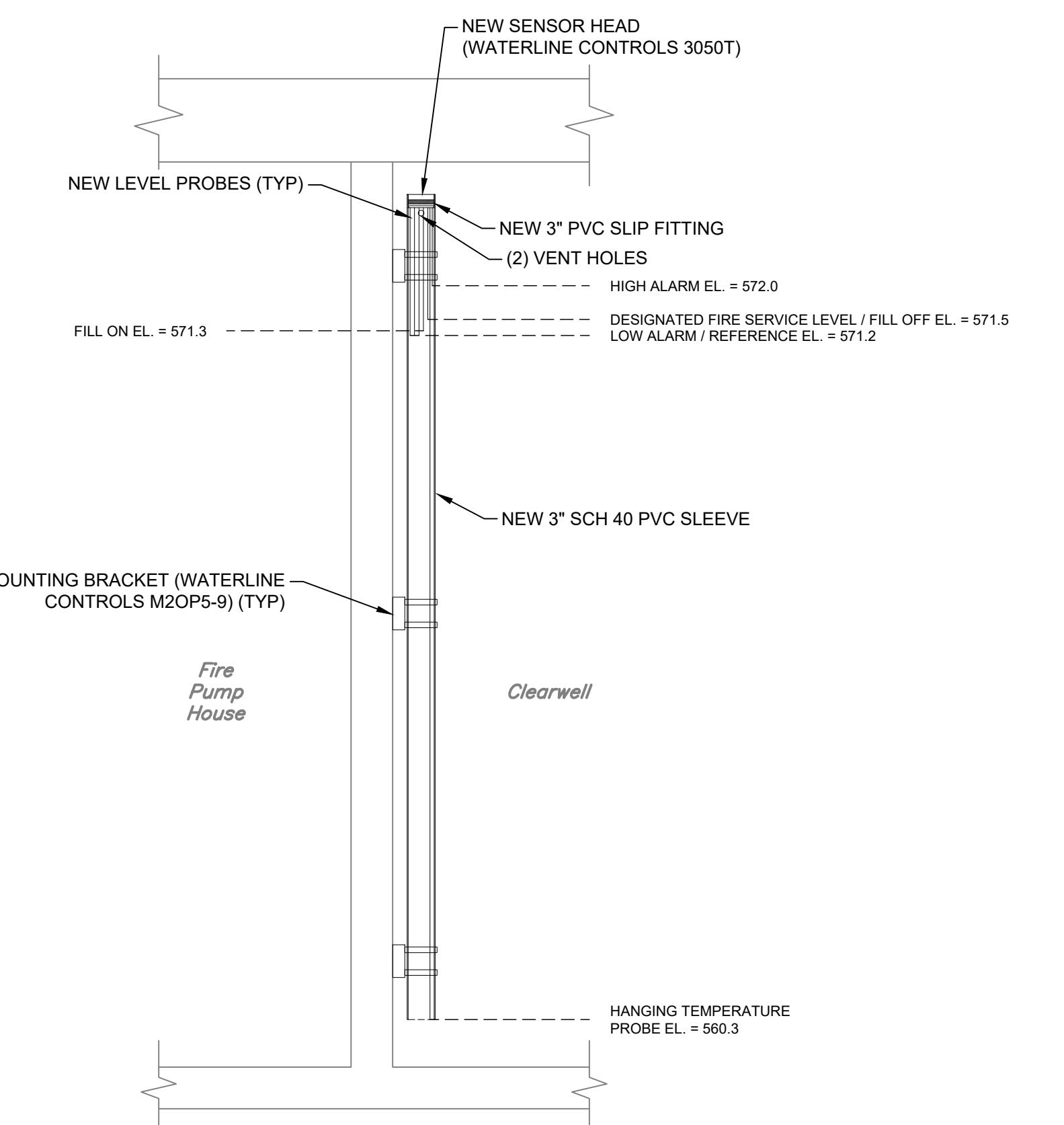
SCALE: 1/4" = 1'-0"

LIMITED ONE LINE DIAGRAM
NOT TO SCALE

NOTE: ALL COPPER PIPING SHALL UTILIZE THREADED OR SOLDERED JOINTS

SECTION A-A VIEW

SCALE: 1" = 2'
0 2' 4'



NEW LEVEL SENSOR DETAIL

SCALE: 1" = 2'
0 2' 4'

CONTRACT
DRAWING

| SITE DETAILS | |
|-----------------|--------------|
| DESIGNED ZAK | DRAWN YER |

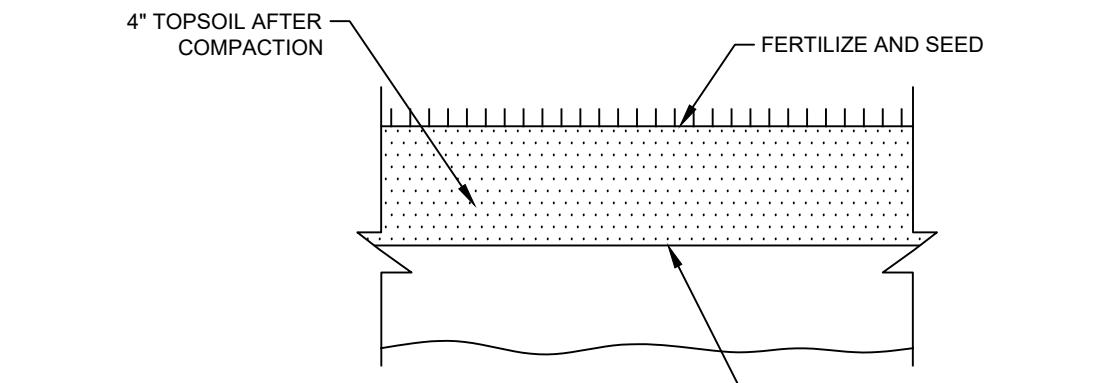
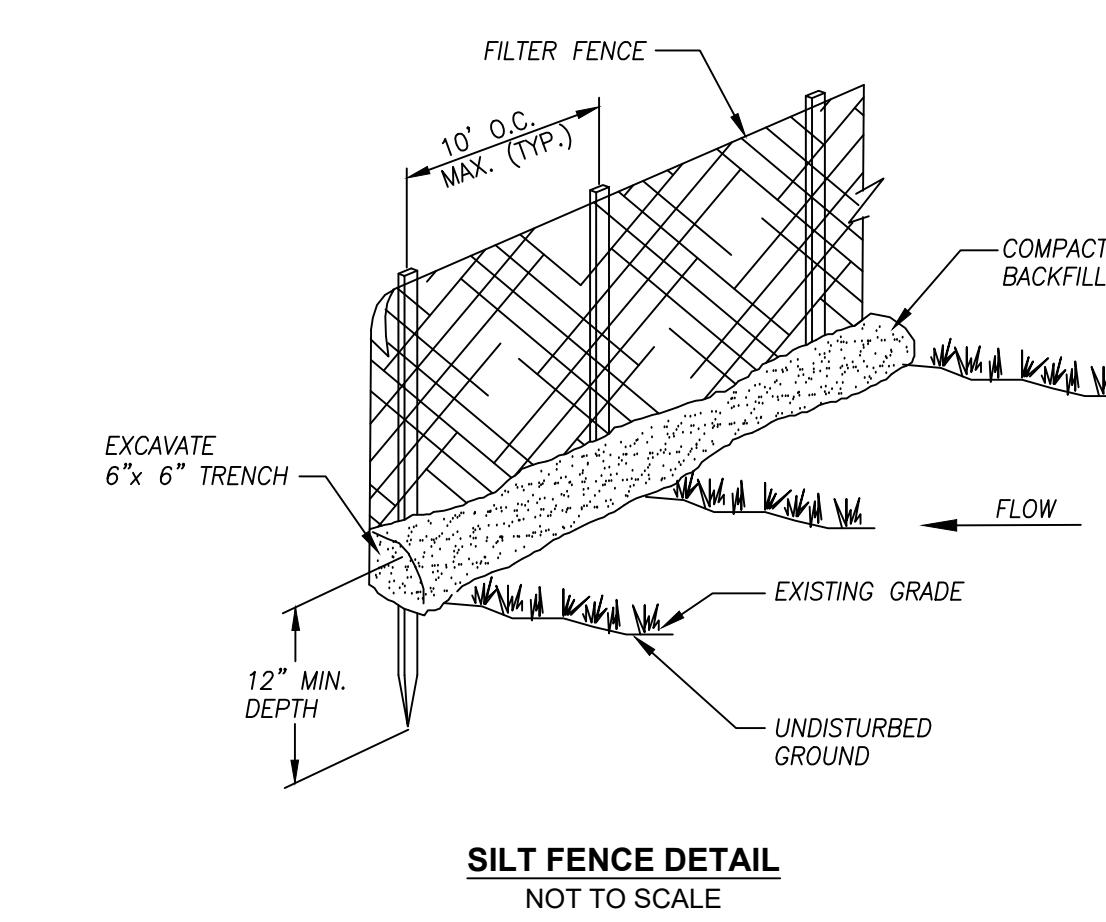
SCALE AS NOTED
CHECKED
ZAK
YER
REVISED

| PREPARED FOR: | |
|---------------------------------|-------------------------|
| AQUARIAN WATER COMPANY OF CT | Bridgeport, Connecticut |

| RIDGEFIELD HIGH AND MIDDLE SCHOOL INTERCONNECTION | |
|--|-------------------------|
| Ridgefield, Connecticut | Ridgefield, Connecticut |

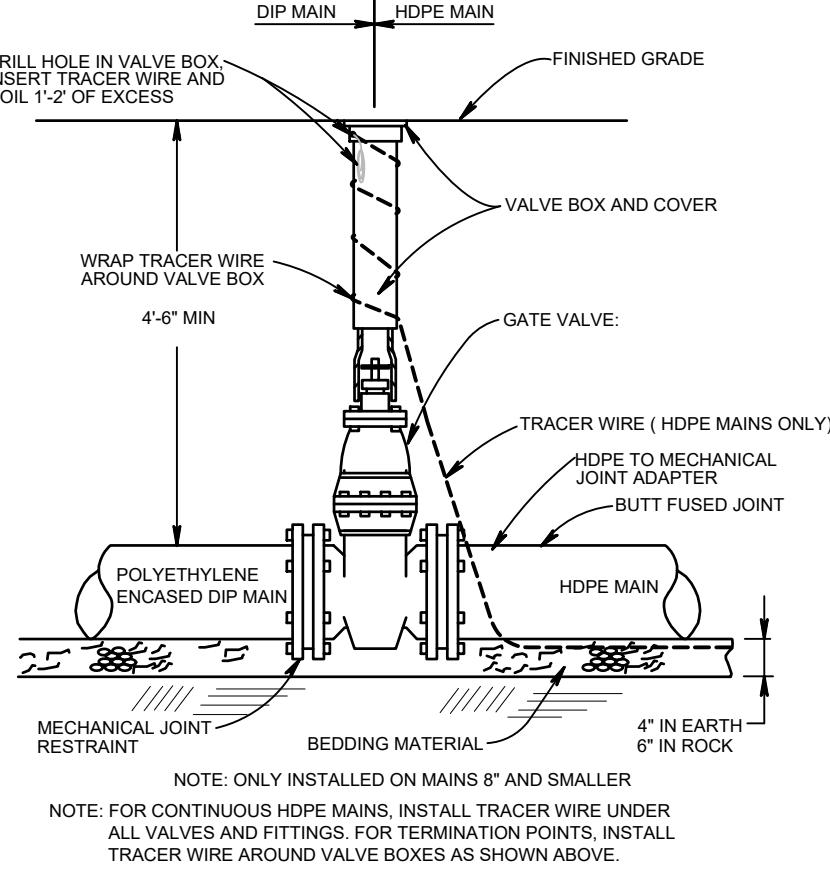
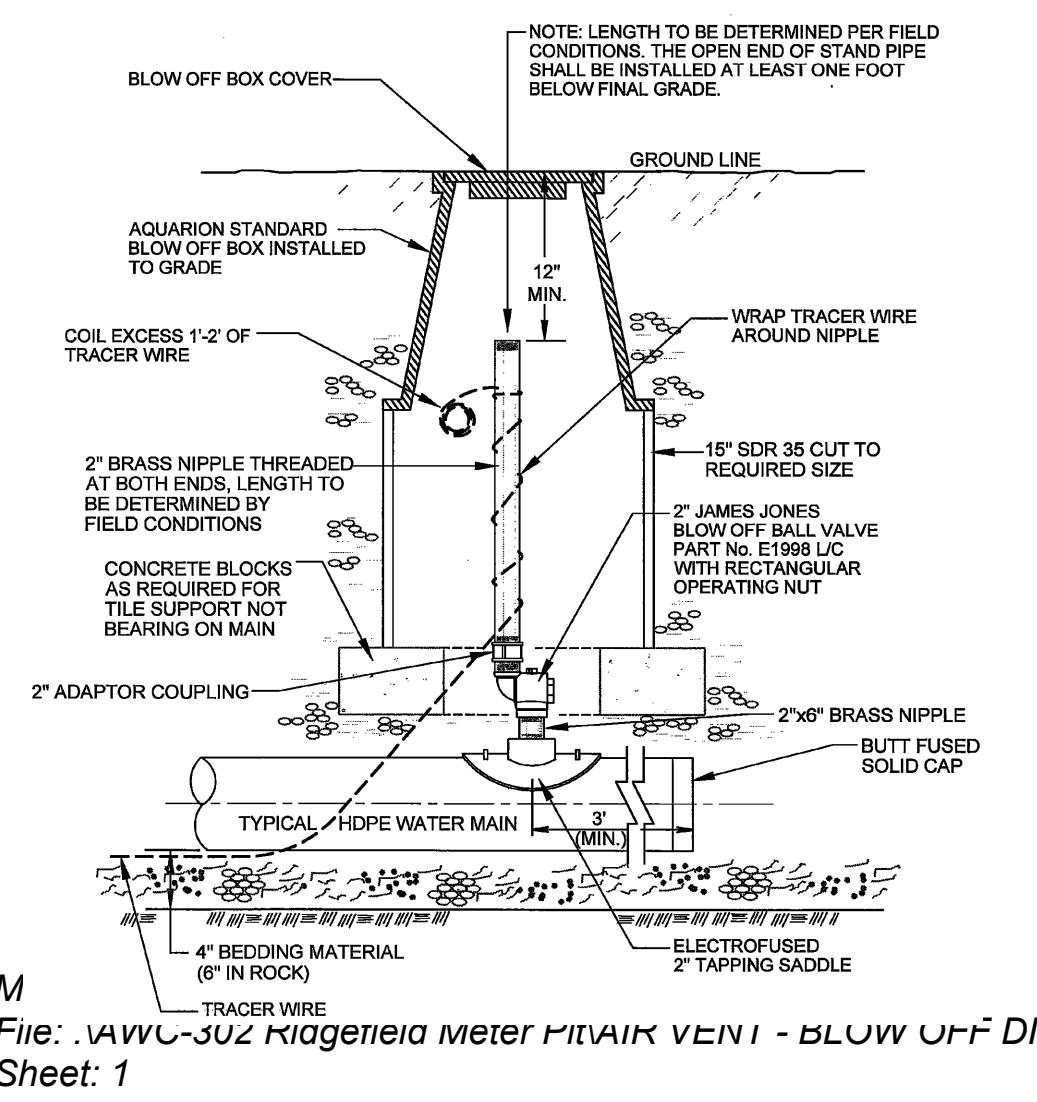
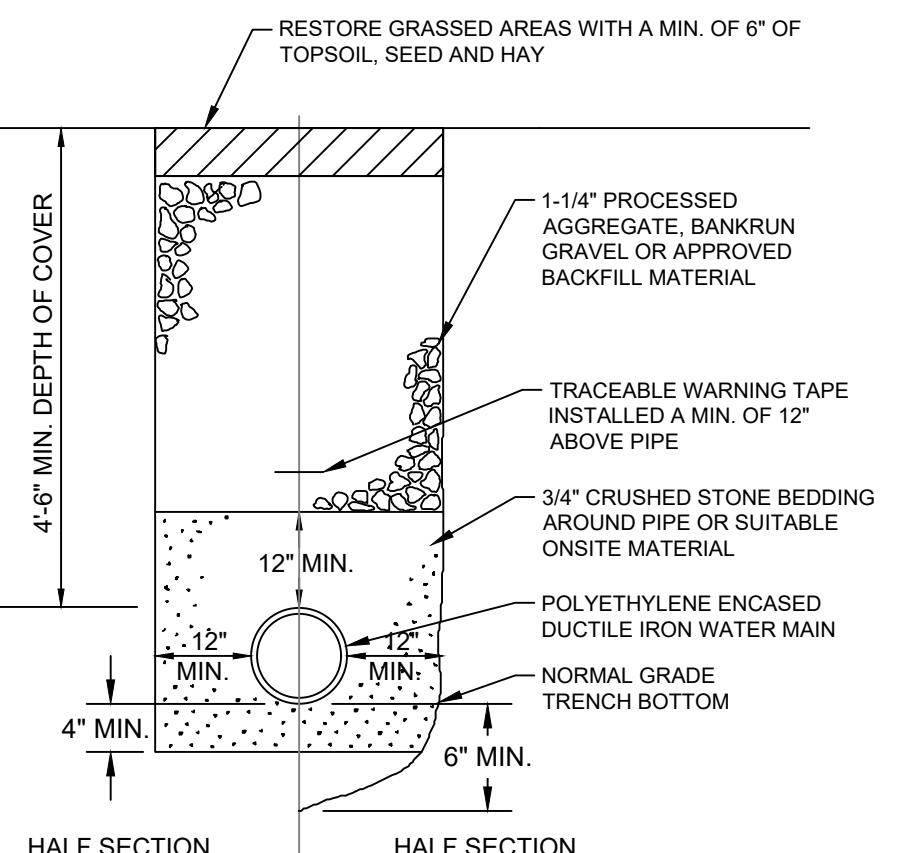
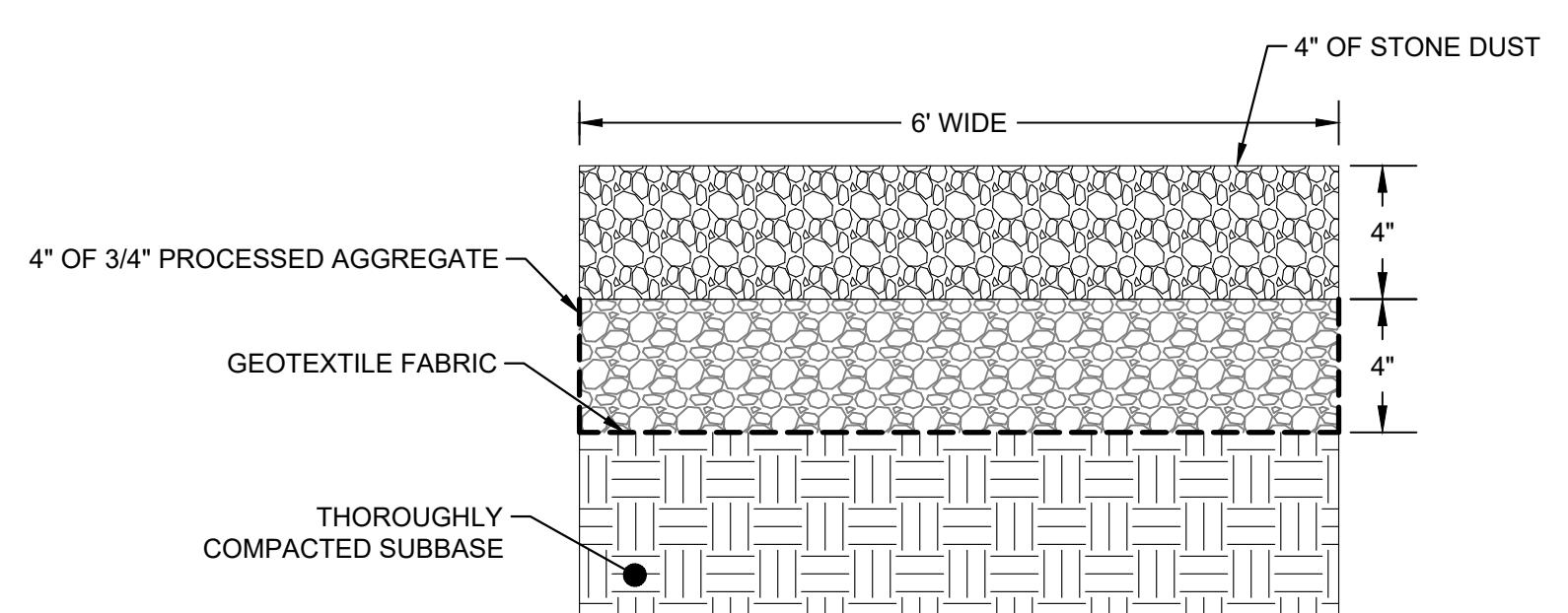
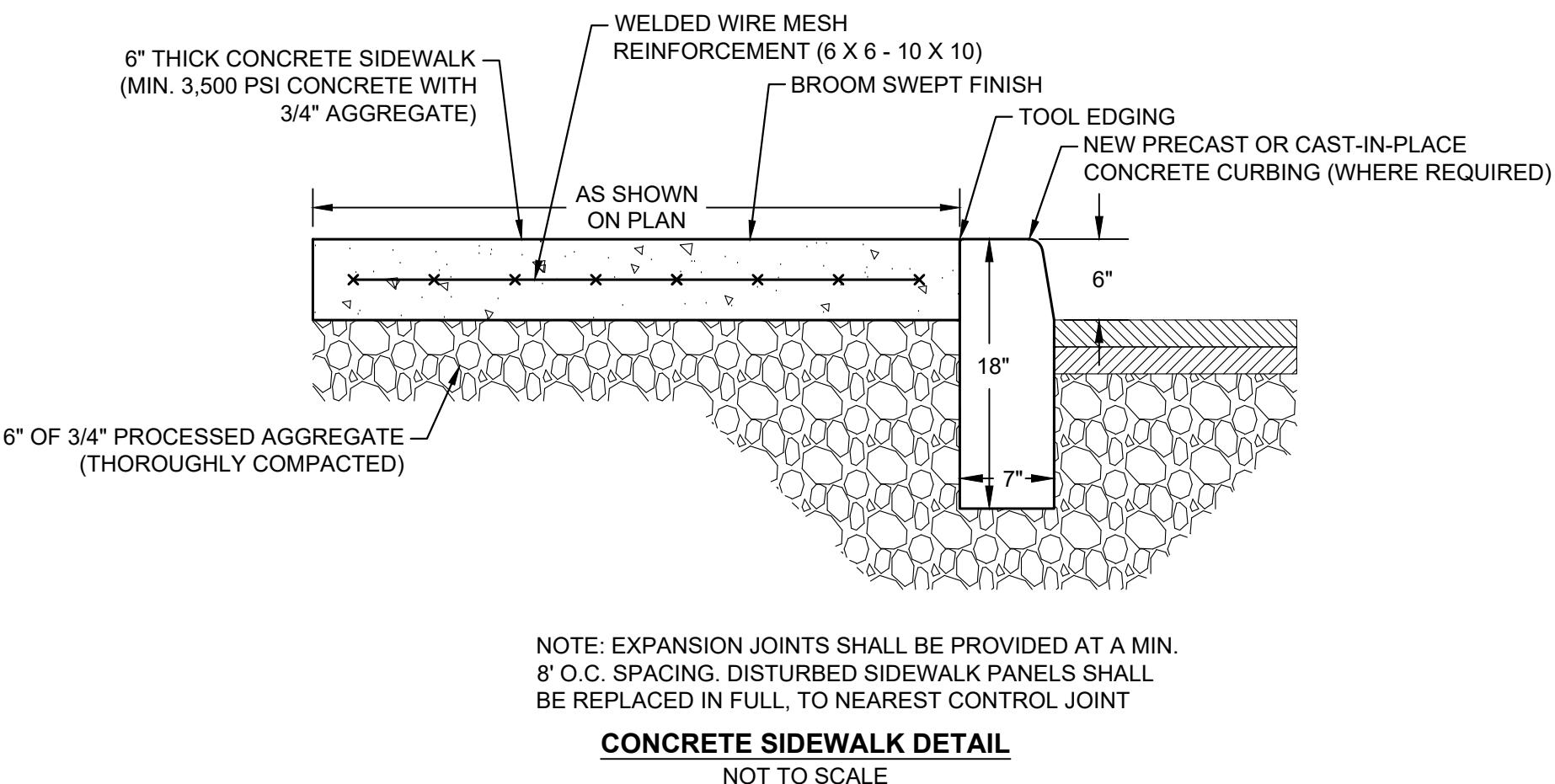
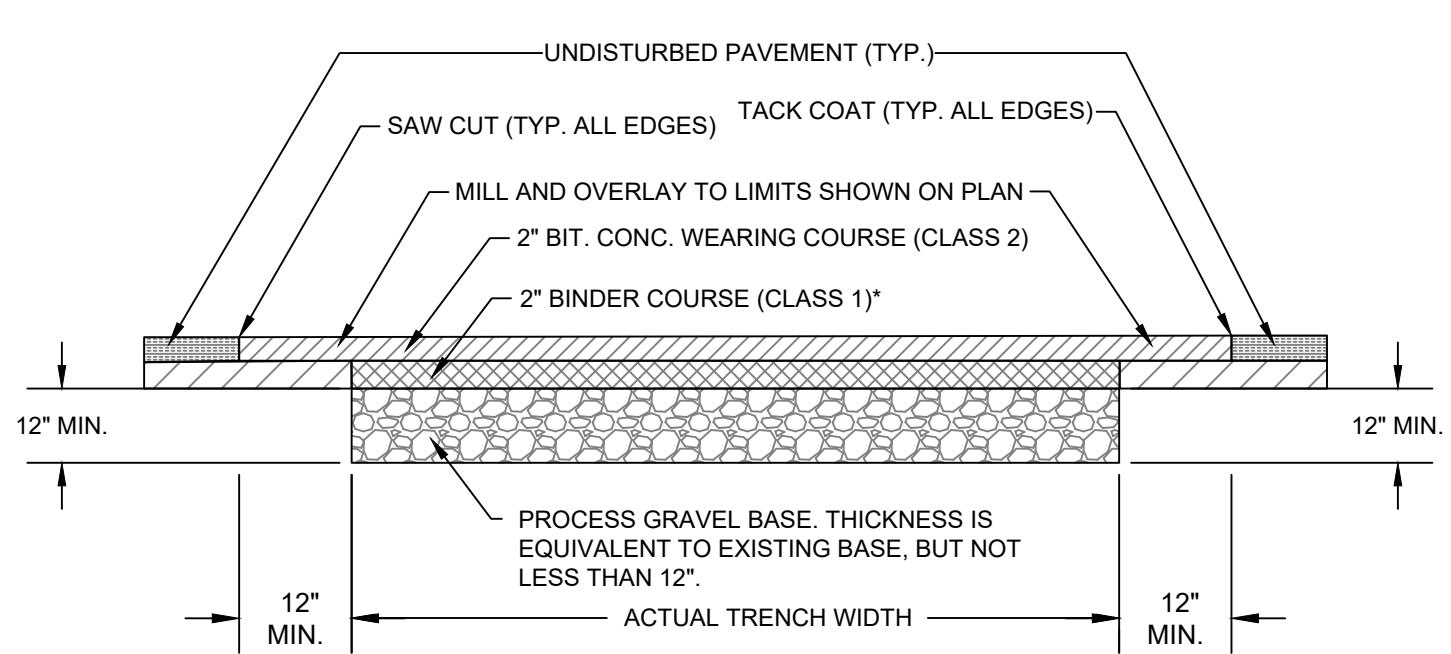
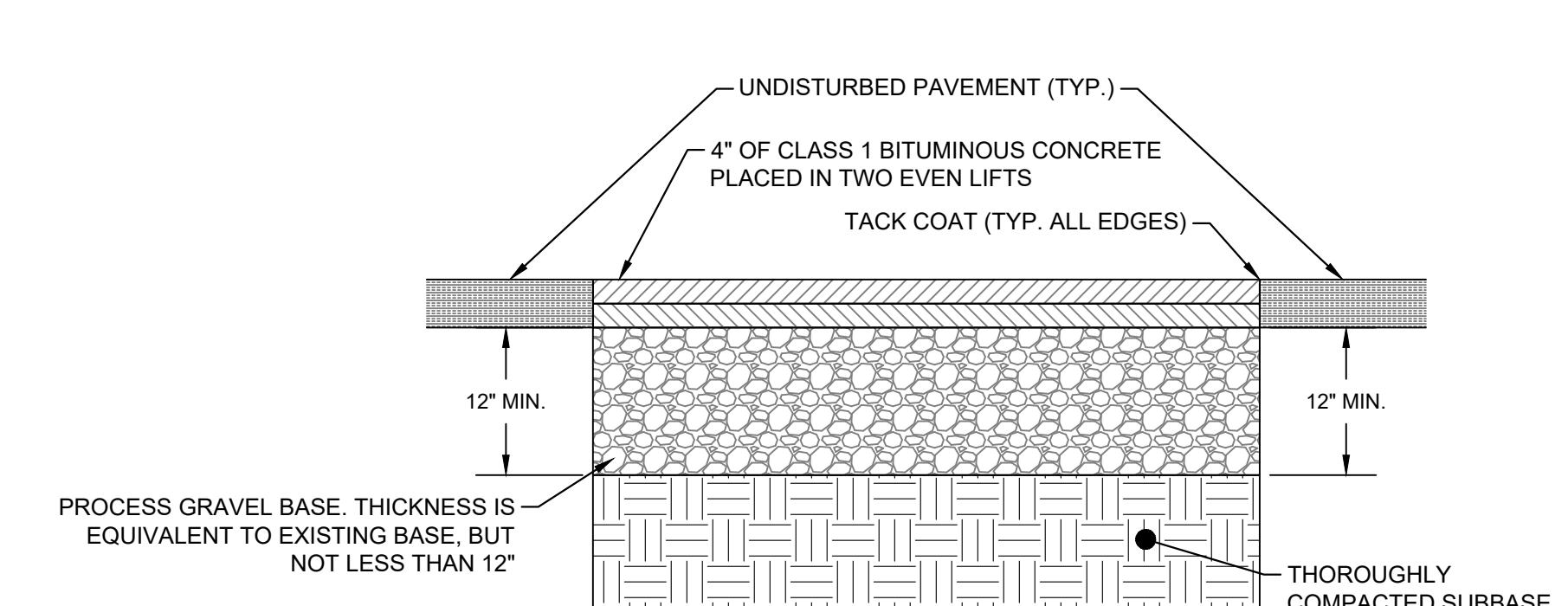
| CONTRACT DRAWING | |
|------------------|------------------|
| JUN E 2025 | SHEET NO. 5 OF 5 |

JOB NO. RFD - 001



1. THE PERMANENT SEED MIX FOR TURF ESTABLISHMENT IS AS FOLLOWS:

| NAME | MINIMUM PROPORTION BY WEIGHT |
|---------------------|------------------------------|
| KENTUCKY BLUEGRASS | 45% |
| CREEPING RED FESCUE | 10% |
| PERENNIAL RYE GRASS | 45% |
2. SEED SHALL BE APPLIED AT A RATE OF 2 POUNDS PER 1000 SQUARE FEET. THE SEDED AREA SHALL BE MULCHED WITH A LAYER OF GRASS, HAY OR STRAW AT A RATE OF 10 POUNDS PER 100 SQUARE FEET. THE SEDED AREAS SHALL BE THOROUGHLY WATERED UNTIL SATISFACTORY STAND OF GRASS HAS BEEN ESTABLISHED.

TURF ESTABLISHMENT
NOT TO SCALE

GATE VALVE DETAIL (AWC SD-2)
NOT TO SCALE

ON-LINE AIR VENT DETAIL (AWC SD-7)
NOT TO SCALE

TYPICAL WATER MAIN TRENCH DETAIL
NOT TO SCALE

COMPACTED STONE PATHWAY DETAIL
NOT TO SCALE

CONCRETE SIDEWALK DETAIL
NOT TO SCALE

PERMANENT PAVEMENT RESTORATION DETAIL
NOT TO SCALE

TEMPORARY PAVEMENT RESTORATION DETAIL
NOT TO SCALE