

YARMOUTH WATER DISTRICT, MAINE

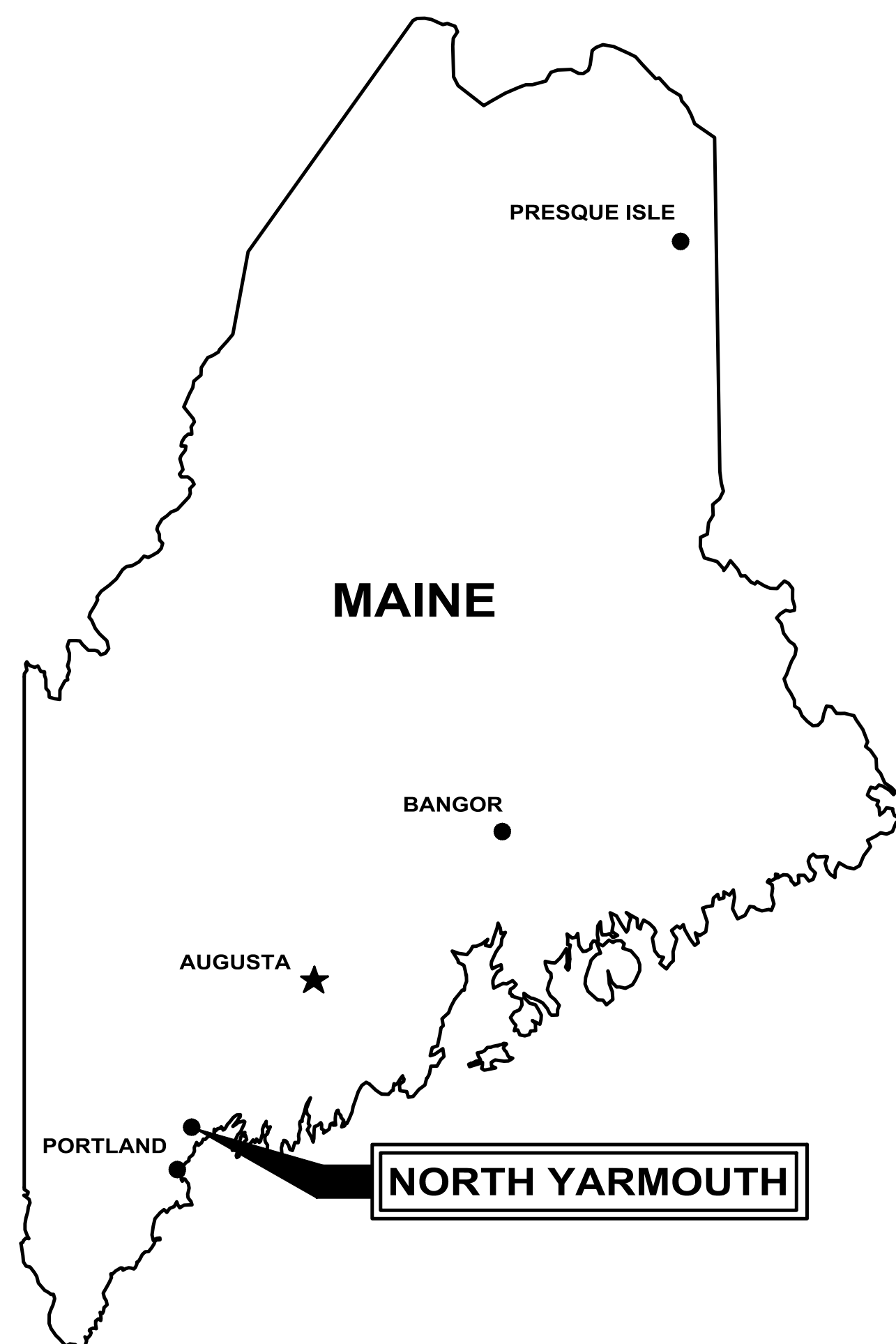
CONTRACT DRAWINGS FOR

NORTH YARMOUTH BOOSTER PUMP STATION

NORTH YARMOUTH, ME

FEBRUARY 2021

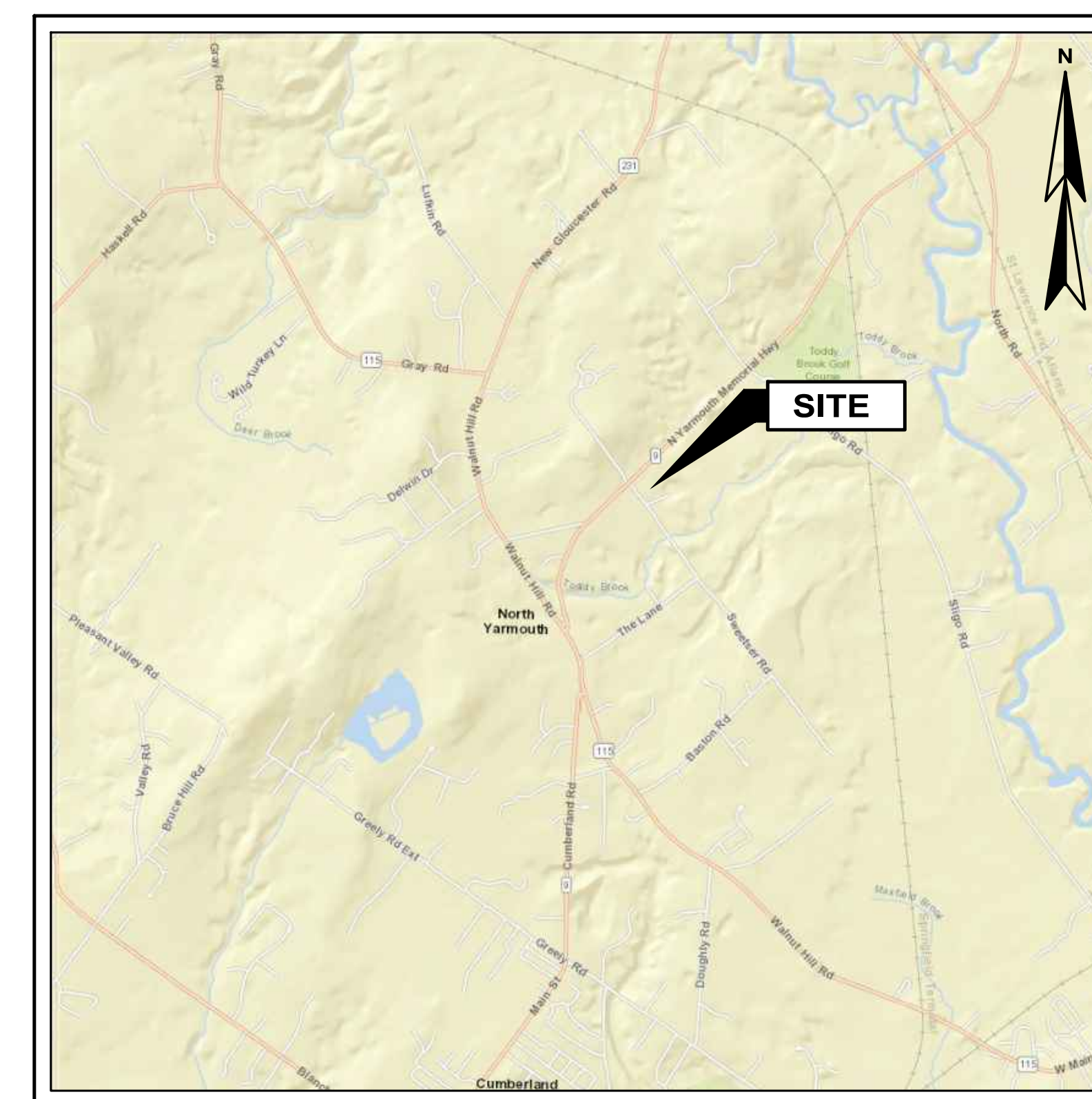
PLANNING BOARD SUBMITTAL



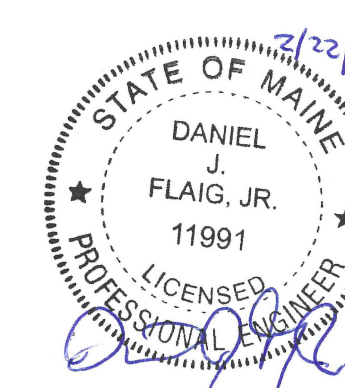
DRAWING INDEX

<u>GENERAL</u>	
---	COVER SHEET
<u>CIVIL</u>	
C-1	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
C-2	EXISTING CONDITIONS PLAN
C-3	SITE LAYOUT, GRADING, AND PIPING PLAN
C-4	BUILDING ELEVATIONS
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C-6	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

ISSUED FOR PERMITTING
FEBRUARY 22, 2021 REVISION



LOCATION PLAN



WRIGHT-PIERCE

Engineering a Better Environment

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FOR REVIEW _____

FOR BIDDING _____

WP PROJECT No. 20451

NORTH YARMOUTH BOOSTER PUMP STATION
SWEETSER ROAD, NORTH YARMOUTH
02/22/2021
MAP 008, LOT 28, 30, 31

UTILITY CONTACTS:

ENGINEER: WRIGHT-PIERCE 11 BOWDOIN MILL ISLAND, SUITE 140 TOPSHAM, ME 04086 PROJECT ENGINEER: DUSTIN LACOMBE TEL: 207-738-3716 FAX: 207-725-8414

OWNER: YARMOUTH WATER DISTRICT 181 SLIGO ROAD YARMOUTH, ME 04076 TEL: 207-846-5821

TELEPHONE: VERIZON 365 GORHAM RD SOUTH PORTLAND, ME 04106 TEL: 207-773-1033

TOWN: 10 VILLAGE SQUARE NORTH YARMOUTH, ME 04087 DIRECTOR: CLARK BASTON TEL: 207-825-3274

FIRE AND RESCUE: 463 WALNUT HILL ROAD NORTH YARMOUTH, ME 04087 CHIEF: GREGORY PAYSON TEL: 207-825-3025

ELECTRIC: CENTRAL MAINE POWER COMPANY 83 EDISON DRIVE AUGUSTA, ME 04336 TEL: 1-800-565-0121

TOWN-PUBLIC WORKS: 10 VILLAGE SQUARE NORTH YARMOUTH, ME 04087 DIRECTOR: CLARK BASTON CHIEF: 207-825-3274

CUMBERLAND COUNTY SHERIFF'S OFFICE: 36 COUNTY WAY PORTLAND, ME 04102 TEL: 207-774-1444

CABLE: SPECTRUM 118 JOHNSON RD PORTLAND, ME 04012 TEL: 207-253-2324

CIVIL SITE LAYOUT

- 1. ALL ELEVATIONS REFER TO THE NAVD 1988 DATUM. ORIENTATION IS GRID NORTH ON THE MAINE STATE PLANE COORDINATE SYSTEM. PROJECT BENCH MARK IS SHOWN ON THE DRAWINGS AND IS DERIVED FROM FALLA AND SONS LAND SURVEYS, INC. CONTRACTOR SHALL VERIFY BENCHMARK ELEVATIONS PRIOR TO USING IN CONSTRUCTION.
2. EXISTING CONDITIONS SITE PLAN DEVELOPED FROM SURVEY DRAWING PREPARED BY FALLA AND SONS LAND SURVEYS, INC. DATED 10/28/2020.

CIVIL ABBREVIATIONS

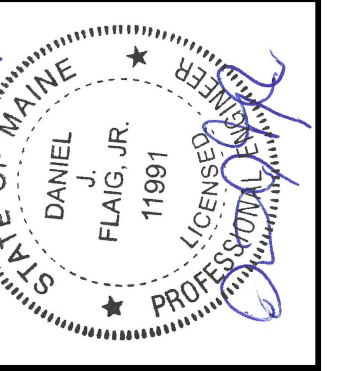
Table with 4 columns: Symbol, Abbreviation, Description, and Notes. Includes symbols for diameters, buildings, catch basins, manholes, etc.

LEGEND

Legend table with 3 columns: Existing, Proposed, and Description. Includes symbols for property lines, setback lines, easements, pavements, and various utilities.

Table with columns: APP'D, DATE, D.FLA, and SUBMISSIONS/REVISIONS. Includes a revision table with columns: NO, DESCRIPTION, DATE.

DESIGNED BY: D.LACOMBE CAD CORP.: D.METZ CHECKED BY: D.LACOMBE DATE: 02/22/2021 APPROVED BY: D.FLAIG DATE: 02/22/2021 PROJECT NO.: 20651



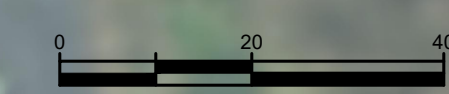
WRIGHT-PIERCE logo and contact information: Engineering a Better Environment, 888.621.8156 | www.wright-pierce.com

YARMOUTH WATER DISTRICT NORTH YARMOUTH BOOSTER PUMP STATION NORTH YARMOUTH, ME. DRAWING C-1. GENERAL NOTES, LEGEND, AND ABBREVIATIONS.

ISSUED FOR PERMITTING FEBRUARY 22, 2021 REVISION



EXISTING CONDITIONS PLAN
SCALE: 1"=20'

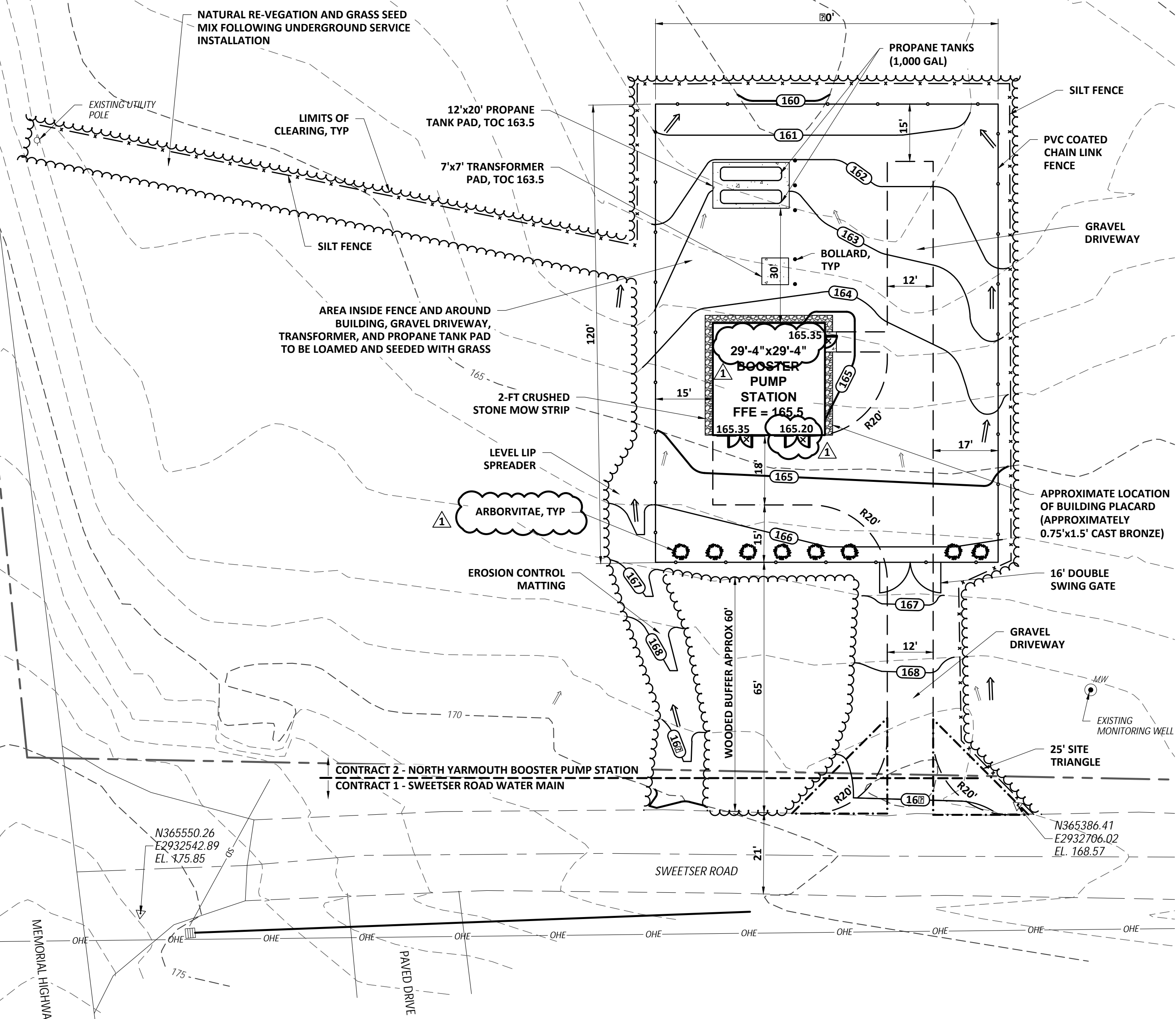


ISSUED FOR PERMITTING
FEBRUARY 22, 2021 REVISION

YARMOUTH WATER DISTRICT NORTH YARMOUTH BOOSTER PUMP STATION NORTH YARMOUTH, ME		EXISTING CONDITIONS PLAN	
DRAWING C-2			
WRIGHT-PIERCE Engineering a Better Environment 888.621.8156 www.wright-pierce.com		SUBMISSIONS/REVISIONS PLANNING BOARD SUBMITTAL PLANNING BOARD SUBMITTAL REVISION 1	

NO	DESIGNED BY	DATE
1	D. LACOMBE	03/21
2	D. METZ	02/21

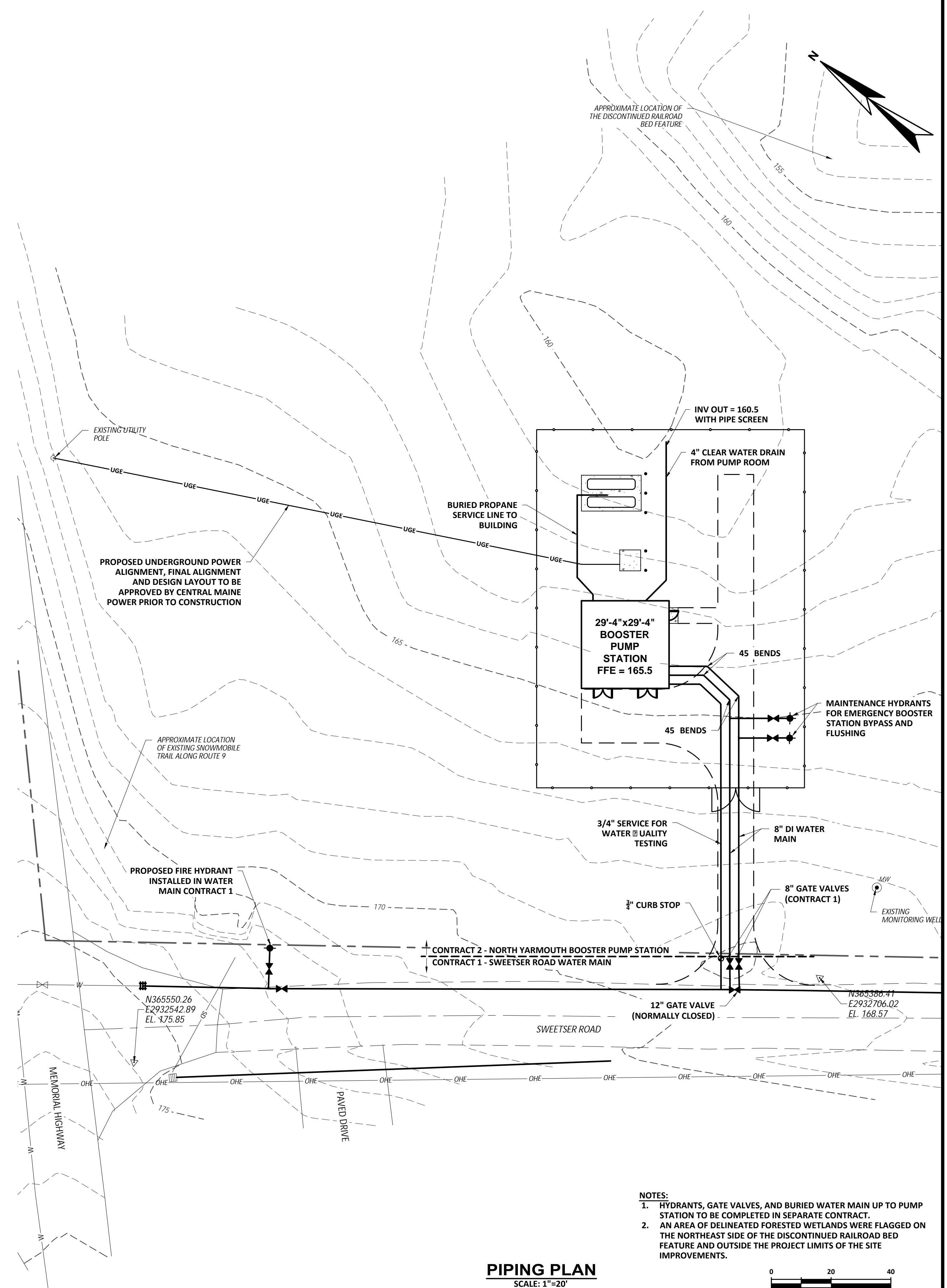
FARM AND FOREST DISTRICT	REQUIRED	PROVIDED
MINIMUM LOT AREA	3 ACRES	>3 ACRES
MAXIMUM RESIDENTIAL DENSITY	1 RESIDENTIAL UNIT PER 3 ACRES	N/A
MAXIMUM LOT COVERAGE	20%	<20%
MINIMUM STREET FRONTAGE	200 FT	>200 FT
MINIMUM FRONT SETBACK	50 FT	>50 FT
MINIMUM SIDE SETBACK	20 FT	>20 FT
MINIMUM REAR SETBACK	20 FT	>20 FT
MAXIMUM BUILDING HEIGHT	35 FT	<35 FT



APPROVED: TOWN OF NORTH YARMOUTH,
 NORTH YARMOUTH PLANNING BOARD

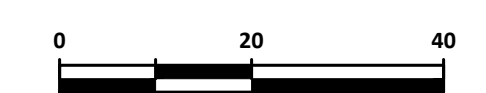
SIGNATURE _____ DATE _____

SITE LAYOUT AND GRADING PLAN
 SCALE: 1"=20'



- NOTES:
- HYDRANTS, GATE VALVES, AND BURIED WATER MAIN UP TO PUMP STATION TO BE COMPLETED IN SEPARATE CONTRACT.
 - AN AREA OF DELINEATED FORESTED WETLANDS WERE FLAGGED ON THE NORTHEAST SIDE OF THE DISCONTINUED RAILROAD BED FEATURE AND OUTSIDE THE PROJECT LIMITS OF THE SITE IMPROVEMENTS.

PIPING PLAN
 SCALE: 1"=20'



ISSUED FOR PERMITTING
 FEBRUARY 22, 2021 REVISION

NO	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	PROJECT NO.
1	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
2	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
3	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
4	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
5	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
6	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
7	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
8	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
9	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451
10	D. LACOMBE	D. METZ	D. METZ	02/22/2021	20451

DESIGNED BY: D. LACOMBE
 CAD CORP.: D. METZ
 CHECKED BY: D. LACOMBE
 DATE: 02/22/2021
 APPROVED BY: D. LACOMBE
 DATE: 02/22/2021
 PROJECT NO.: 20451

PLANNING BOARD SUBMITTAL
 PLANNING BOARD SUBMITTAL REVISION 1

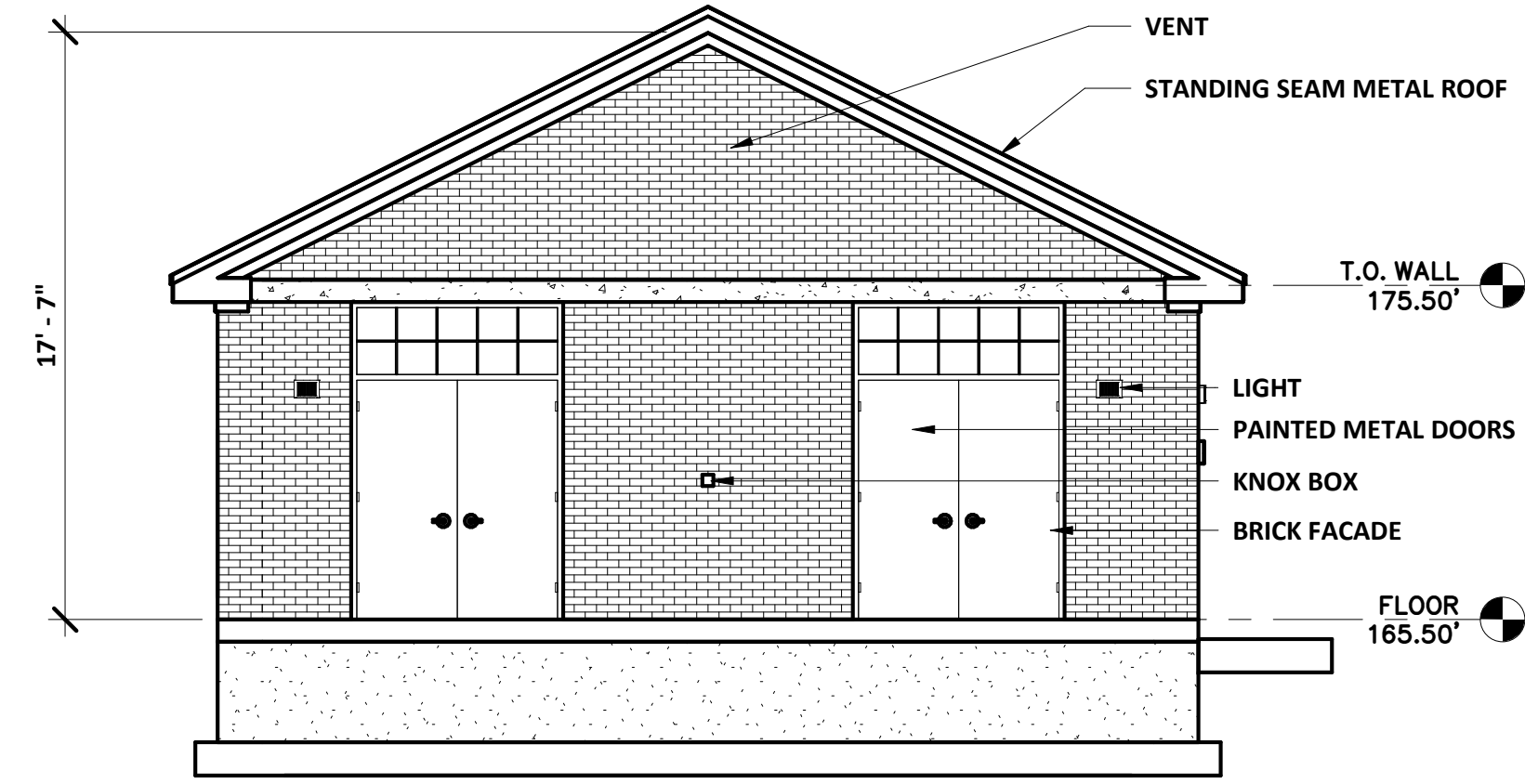
YARMOUTH WATER DISTRICT
 NORTH YARMOUTH
 BOOSTER PUMP STATION
 NORTH YARMOUTH, ME

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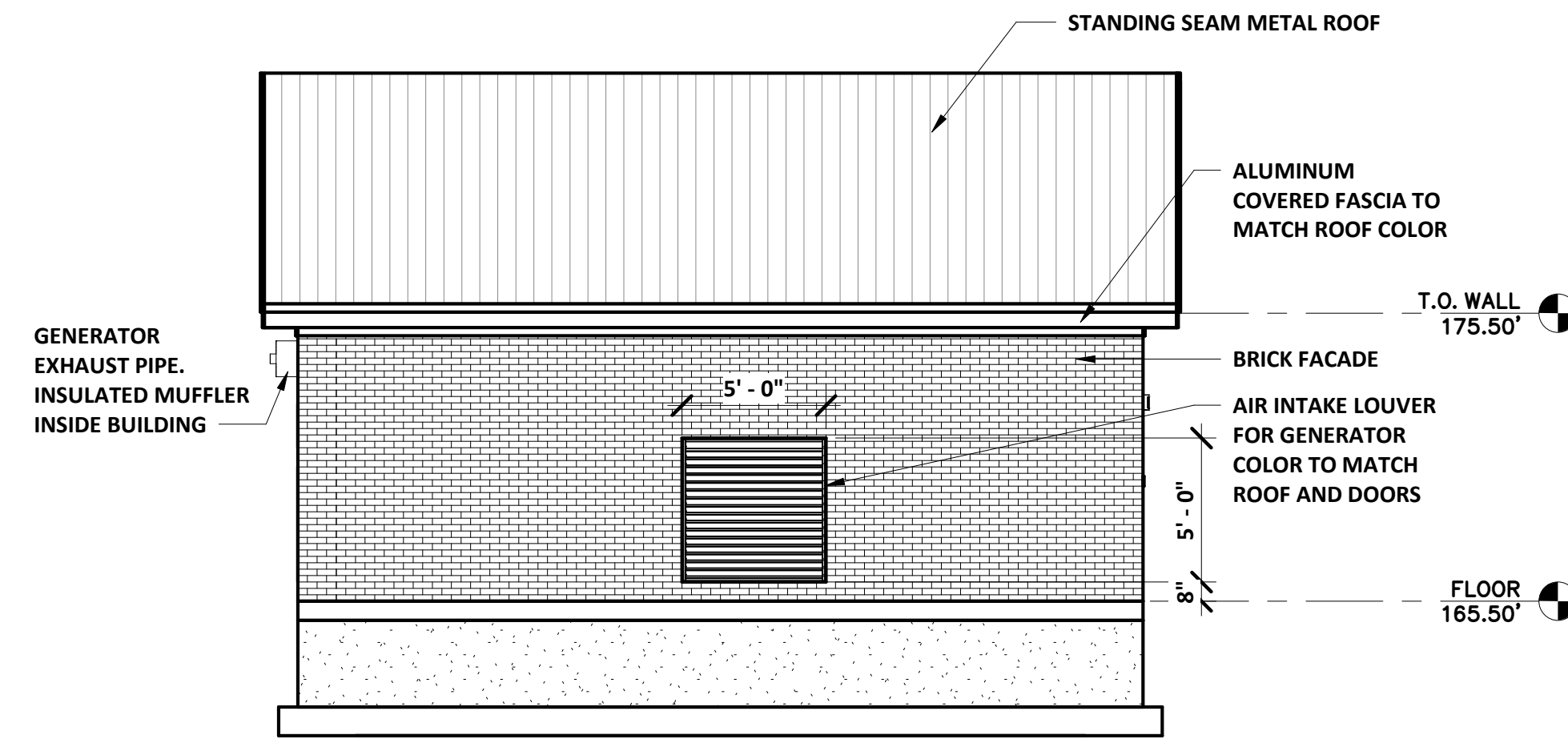
SITE LAYOUT, GRADING AND PIPING PLAN

DRAWING
 C-3

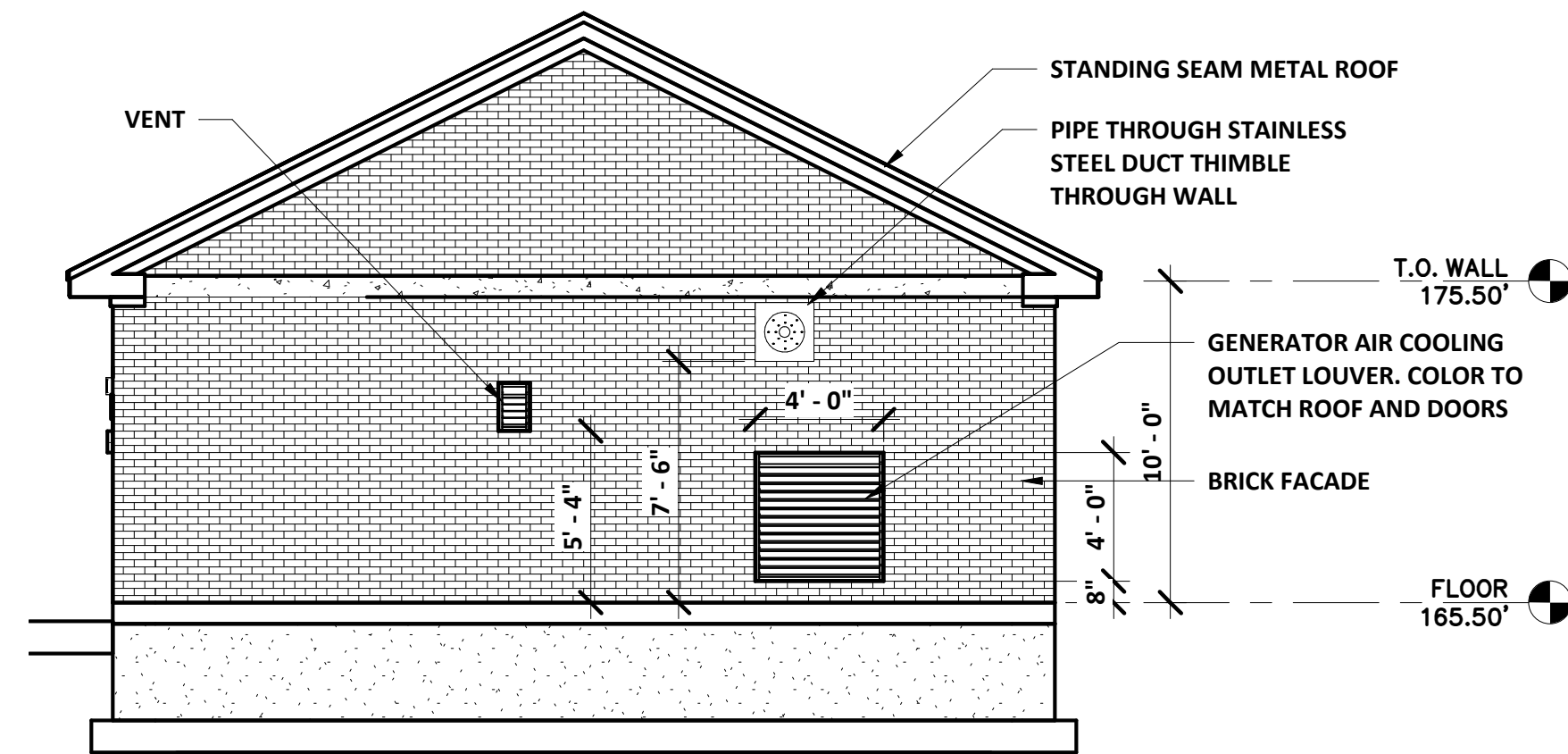
BOOSTER PUMP STATION
EXTERIOR ELEVATION = 29'-4" x 29'-4"



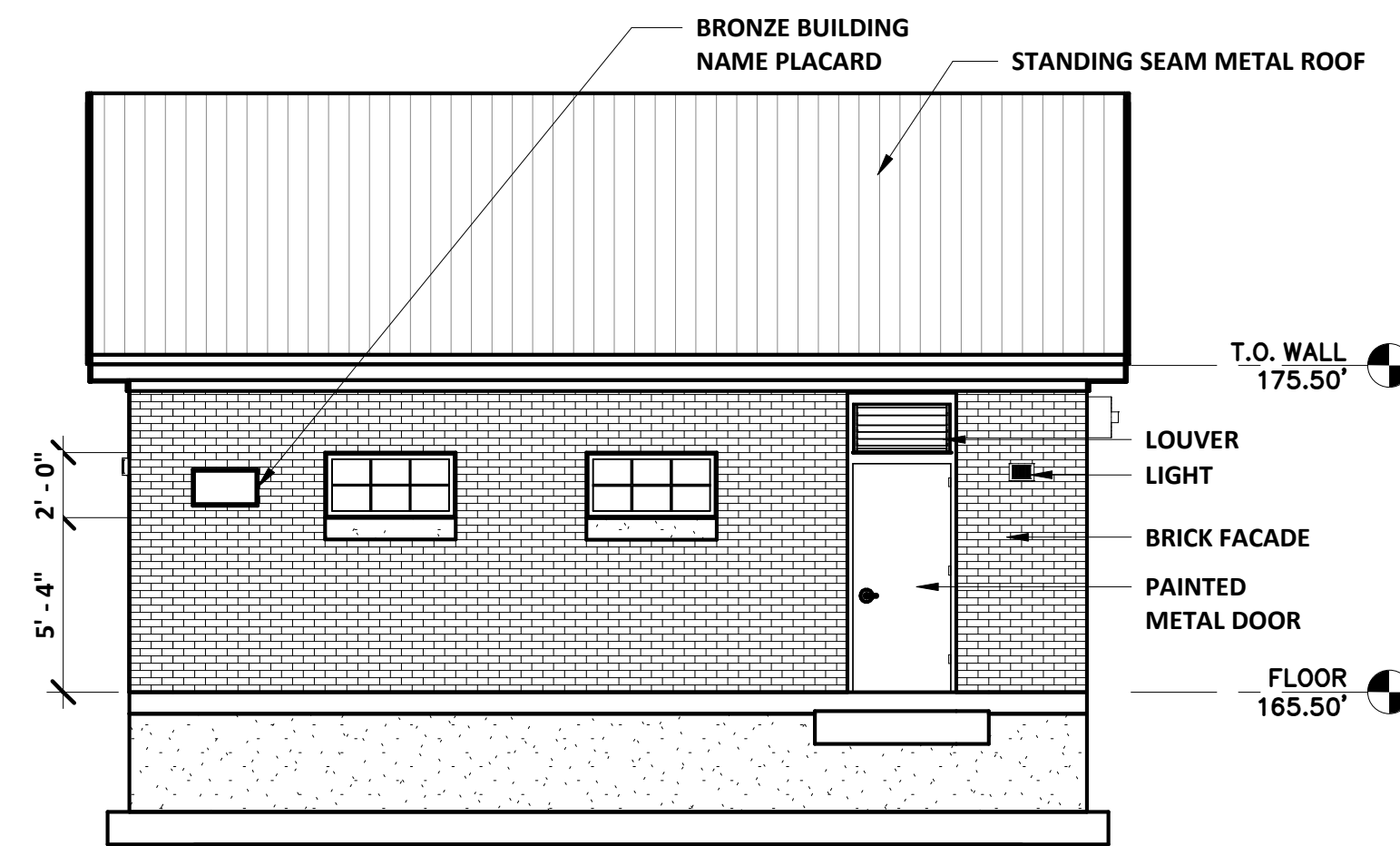
SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



WEST ELEVATION
SCALE: 3/16" = 1'-0"



NORTH ELEVATION
SCALE: 3/16" = 1'-0"



EAST ELEVATION
SCALE: 3/16" = 1'-0"

NO	SUBMISSIONS/REVISIONS	APP'D	DATE
	PLANNING BOARD SUBMITTAL	D.FLA	03/21
	PLANNING BOARD SUBMITTAL REVISION 1	D.FLA	02/21

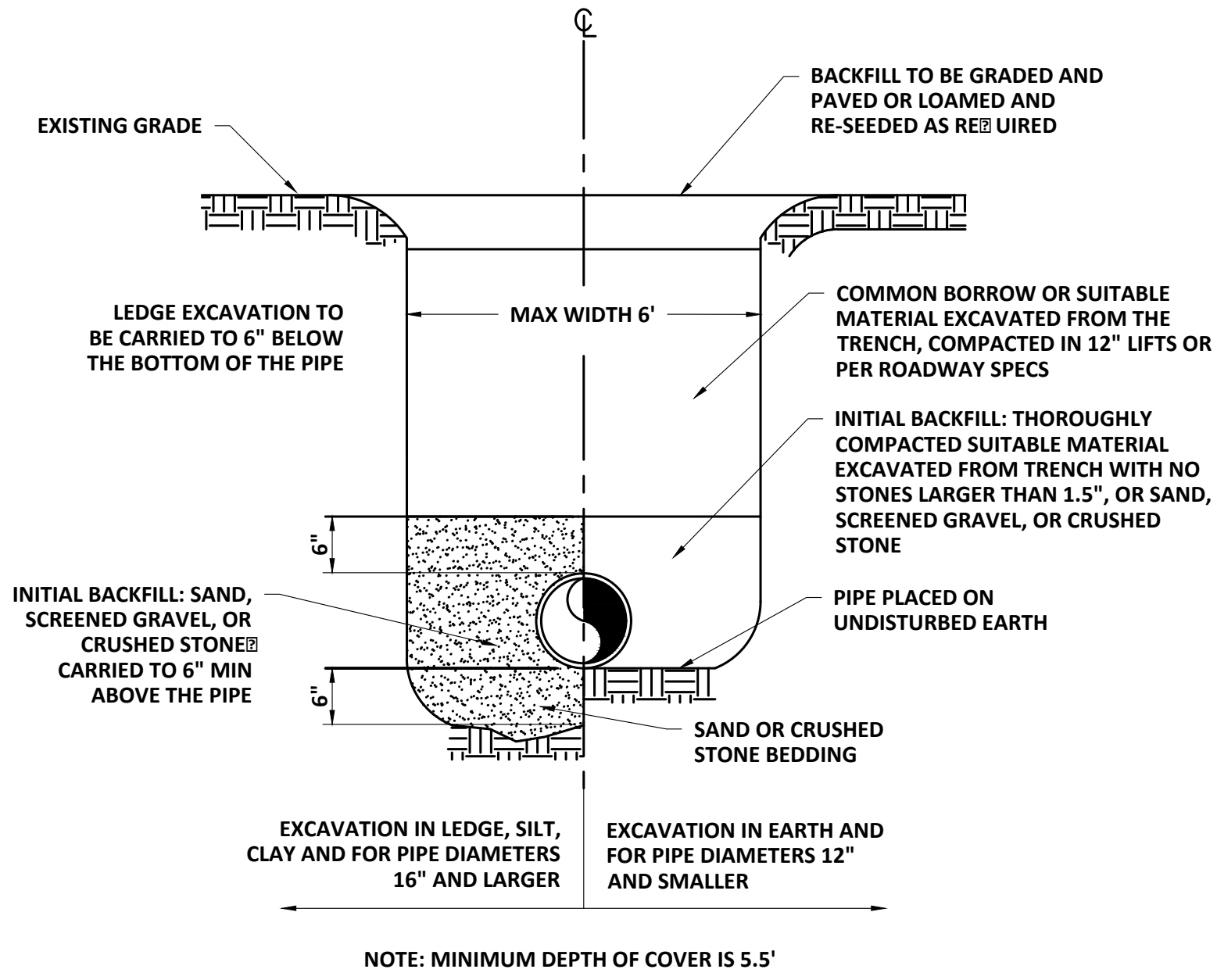
DESIGNED BY: E. SHIELDS
 CAD CORP.: D. METZ
 CDR: E. SHIELDS
 CREATED BY: E. SHIELDS
 DATE: 02/22/2021
 APPROVED BY: D. FLAIG
 DATE: 02/22/2021
 PROJECT NO.: 2051

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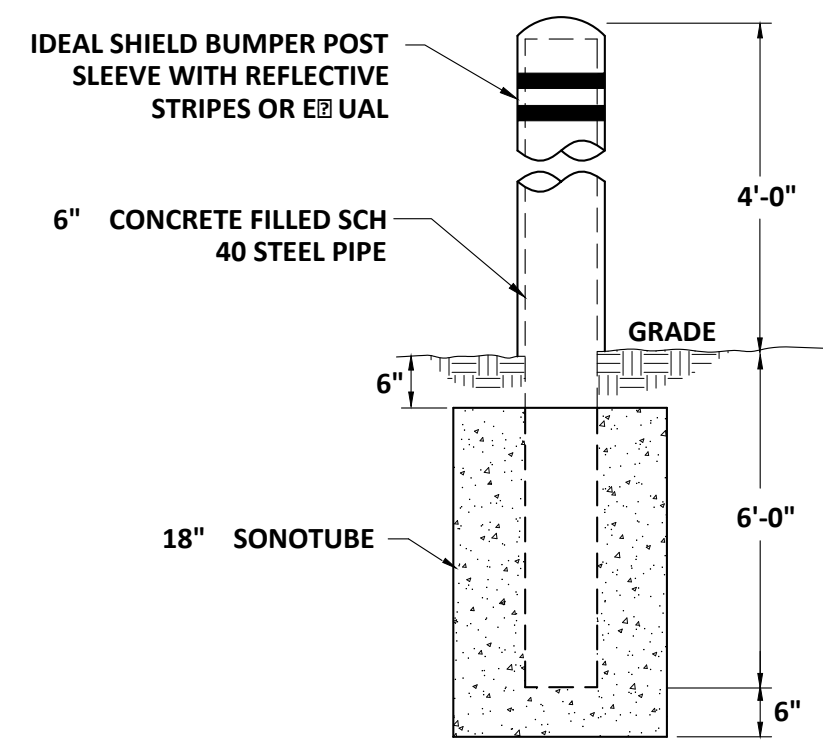
YARMOUTH WATER DISTRICT
 NORTH YARMOUTH
 BOOSTER PUMP STATION
 NORTH YARMOUTH, ME

BUILDING ELEVATIONS

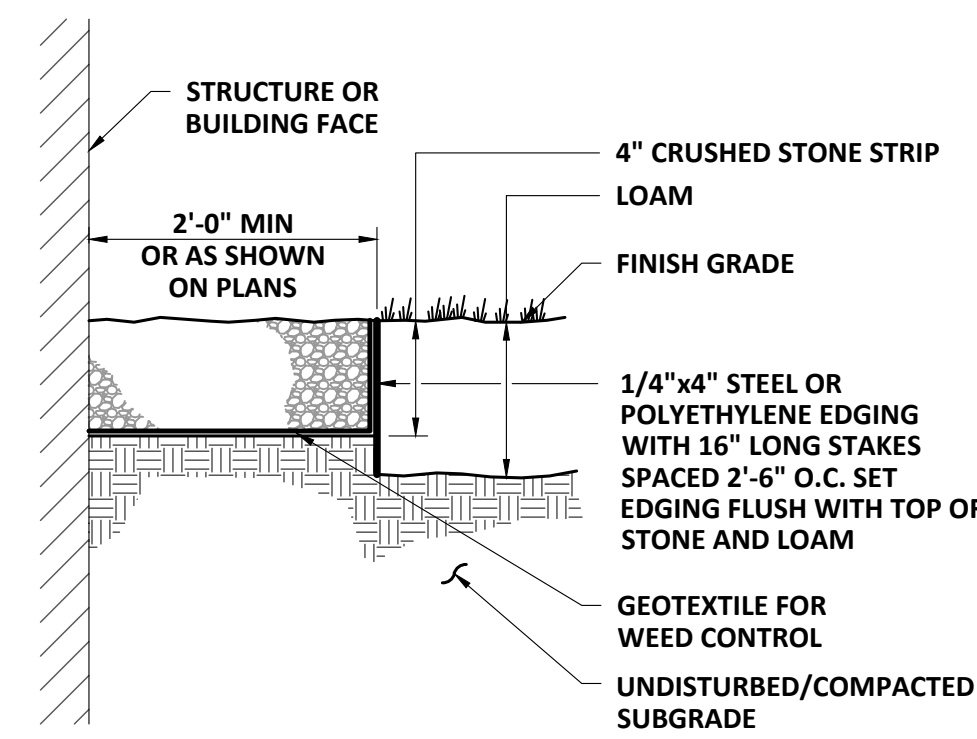
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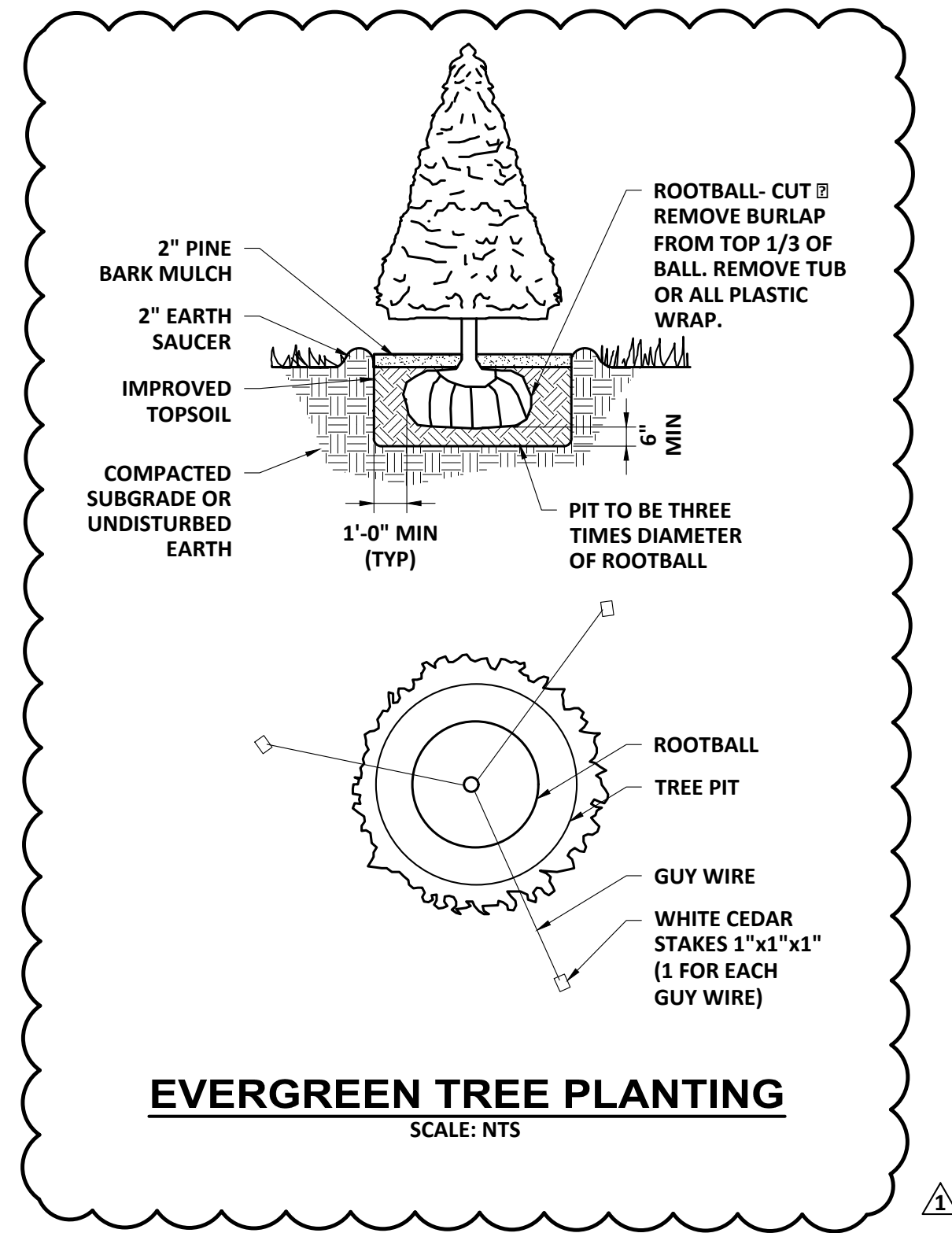
PIPE TRENCH
SCALE: "NTS"



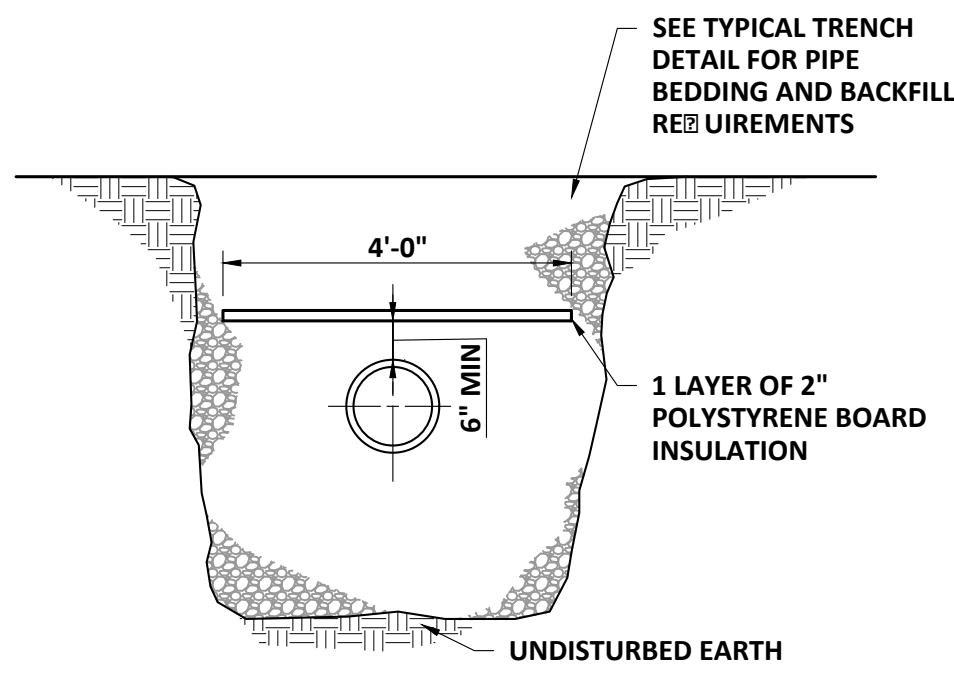
BOLLARD
SCALE: "NTS"



CRUSHED STONE MOWING STRIP
SCALE: "NTS"

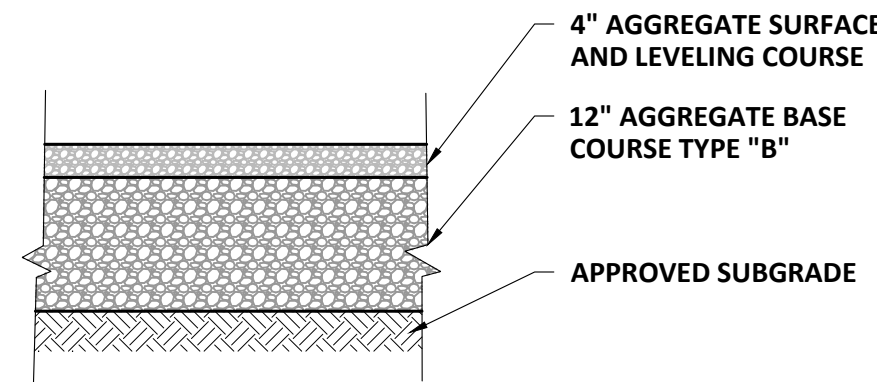


EVERGREEN TREE PLANTING
SCALE: "NTS"

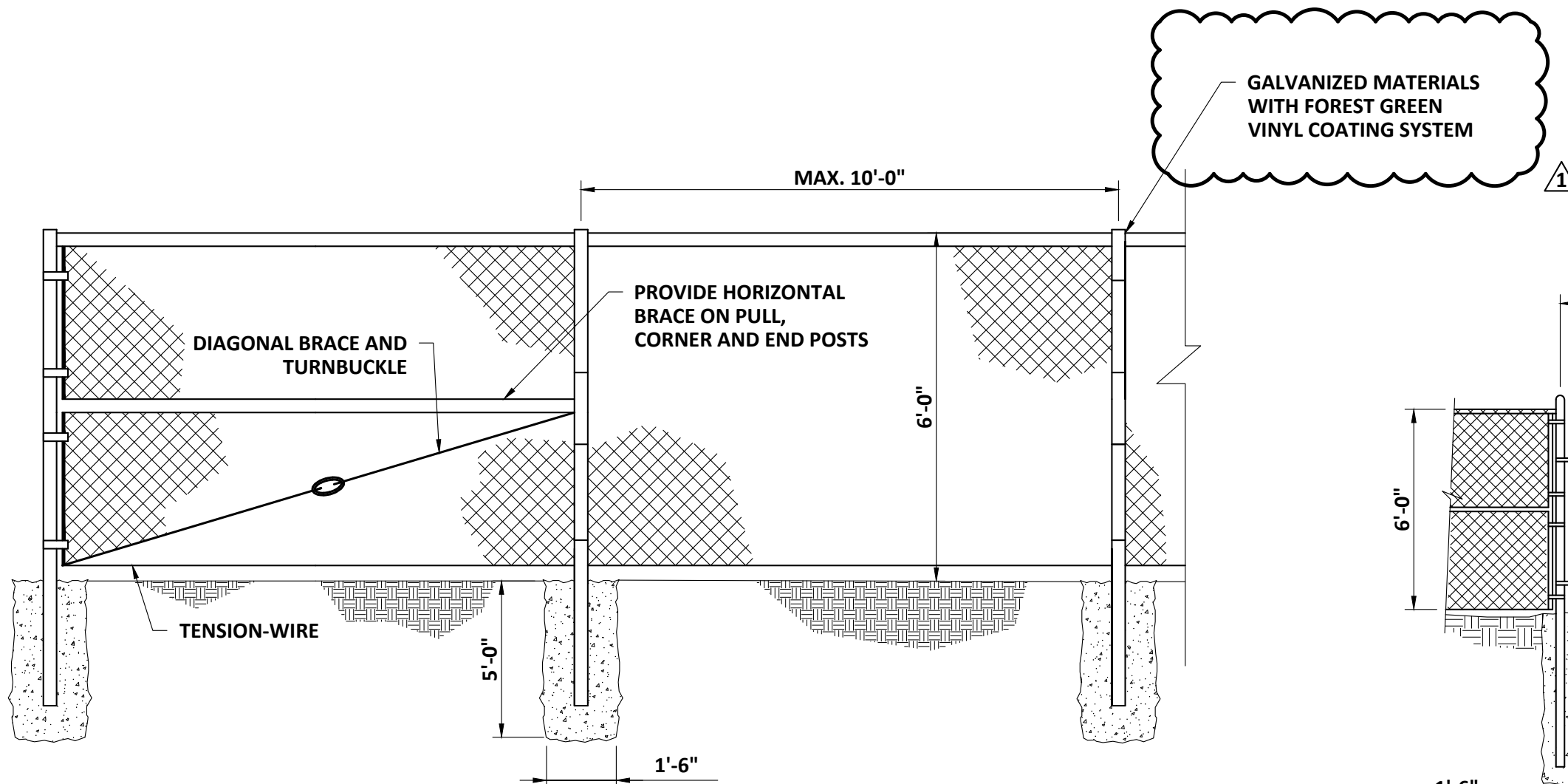


NOTE: TRENCH PIPE INSULATION TO BE USED WHERE DEPTH OF COVER IS LESS THAN 5 FEET OR AS DIRECTED BY THE ENGINEER

TRENCH PIPE INSULATION
SCALE: "NTS"

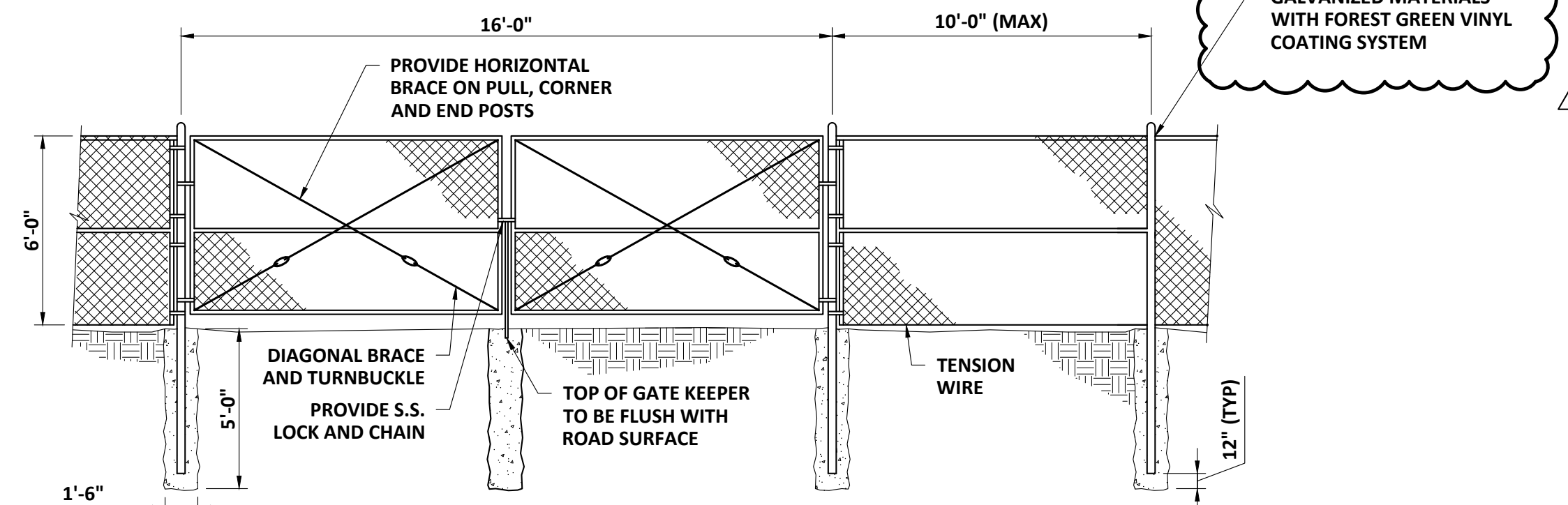


TYPICAL SECTION OF GRAVEL AREAS
SCALE: "NTS"



- NOTES:
1. SECURE POSTS IN CONCRETE AS SHOWN AT PULL, CORNER AND END POSTS (INCLUDING GATE POSTS)
 2. IF CHAINLINK FENCE IS INSTALLED IN UNFRACTURED LEDGE, POST SHALL PENETRATE 2'-0" INTO THE LEDGE AND SHALL BE GROUTED INTO 6" HOLE.
 3. ALL POSTS, RAILS AND WIRE MESH FABRIC SHALL BE PVC COATED.

CHAINLINK FENCE
SCALE: "NTS"



- NOTES:
1. SECURE POSTS IN CONCRETE AS SHOWN AT PULL, CORNER AND END POSTS (INCLUDING GATE POSTS)
 2. IF CHAINLINK FENCE IS INSTALLED IN UNFRACTURED LEDGE, POST SHALL PENETRATE 2'-0" INTO THE LEDGE AND SHALL BE GROUTED INTO 6" HOLE.
 3. ALL POSTS, RAILS AND WIRE MESH FABRIC SHALL BE PVC COATED.

CHAINLINK FENCE AND LOCKING DOUBLE GATE
SCALE: "NTS"

NO	DESCRIPTION	DATE
1	PLANNING BOARD SUBMITTAL	01/21/21
2	PLANNING BOARD SUBMITTAL REVISION 1	02/21/21

DESIGNED BY: D.LACOMBE
 CAD CORP.: D.METZ
 CHECKED BY: D.LACOMBE
 DATE: 02/22/2021
 APPROVED BY: D.FLAIG
 DATE: 02/22/2021
 PROJECT NO.: 20451

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YARMOUTH WATER DISTRICT
 NORTH YARMOUTH
 BOOSTER PUMP STATION
 NORTH YARMOUTH, ME

DETAILS

ISSUED FOR PERMITTING
 FEBRUARY 22, 2021 REVISION

DRAWING
 C-5

