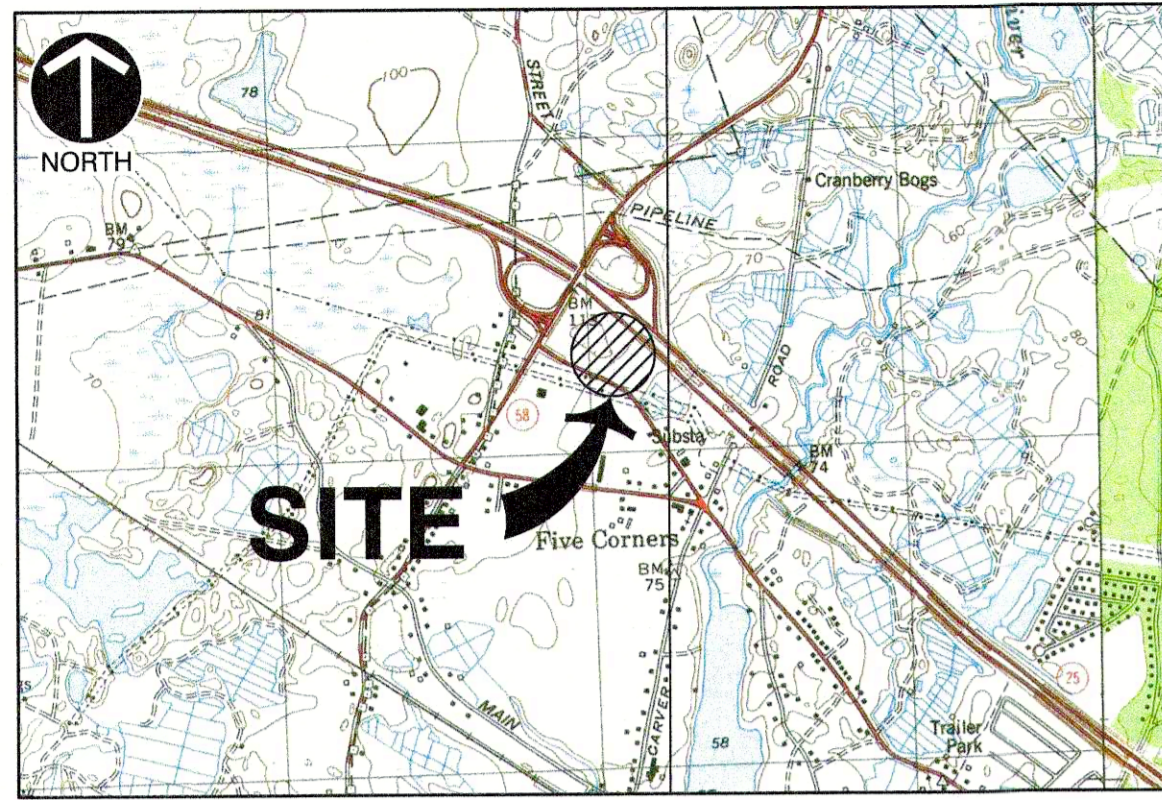


EVERSOURCE ENERGY

37 DOTY STREET
WAREHAM, MASSACHUSETTS

PERMITTING PLANS
OCTOBER 2023



VICINITY MAP
SCALE: 1"=2,000'±

DRAWING INDEX				
SHEET NUMBER	DRAWING NUMBER	SHEET TITLE	DATE ISSUED	DATE REVISED
1	C000	COVER SHEET	OCTOBER 11, 2023	
2	C001	GENERAL NOTES	OCTOBER 11, 2023	
3	C100	EXISTING CONDITIONS	OCTOBER 11, 2023	
4	C101	EROSION & SEDIMENTATION CONTROL/DEMOLITION PLAN	OCTOBER 11, 2023	
5	C200	SITE LAYOUT	OCTOBER 11, 2023	
6	C201	EMERGENCY RESPONSE OPERATIONS GRAPHIC	OCTOBER 11, 2023	
7	C300	GRADING/DRAINAGE PLAN	OCTOBER 11, 2023	
8	C500	UTILITIES PLAN	OCTOBER 11, 2023	
9	C700	LANDSCAPING PLAN	OCTOBER 11, 2023	
10	C701	LANDSCAPE DETAILS	OCTOBER 11, 2023	
11	C800	DETAIL SHEET 1	OCTOBER 11, 2023	
12	C801	DETAIL SHEET 2	OCTOBER 11, 2023	
13	C802	DETAIL SHEET 3	OCTOBER 11, 2023	



SITE MAP
SCALE: 1"=400'±

REFERENCE: ORTHOGRAPHIC AERIAL IMAGERY AND MAPS ARE BASED ON GIS DATA OBTAINED FROM MASSGIS PROVIDED BY THE BUREAU OF GEOGRAPHIC INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS, EXECUTIVE OFFICE OF TECHNOLOGY AND SECURITY SERVICES.

OWNER/TEAM INFORMATION

CIVIL ENGINEER
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
31 BELLOWS ROAD
RAYNHAM, MA 02767
PH: (774) 501-2176
CONTACT: KARLIS P. SKULTE, P.E.

OWNER/APPLICANT
NSTAR ELECTRIC COMPANY
dba EVERSOURCE ENERGY
247 STATION DRIVE
WESTWOOD, MA 02090

ARCHITECT
CHK ARCHITECTS
GREYSTONE COURT WEST
573 HOPMEADOW STREET
PO BOX 95
SIMSBURY, CT 06070
PH: (860) 651-3777
FX: (860) 651-7316
info@chkarch.com

SITE DATA

ADDRESS: 37 DOTY STREET
WAREHAM, MA 02576
PARCEL I.D.: 103-A1, 103-B1, 103-C1, 103-D1
DEED REFERENCE: BOOK 56129, PAGE 190
TOTAL AREA: 18.9 ACRES
ZONING DISTRICT: COMMERCIAL STRIP (CS)

REVISION RECORD

NO.	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
31 Bellows Road · Raynham, MA 02767
Ph: 774.501.2176 · Fax: 774.501.2669
www.cectic.com

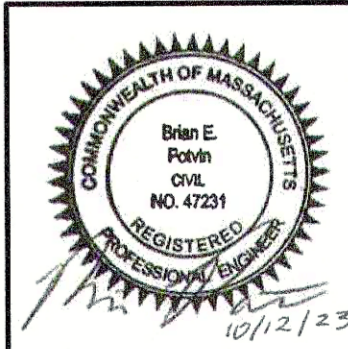
EVERSOURCE ENERGY
37 DOTY STREET
WAREHAM, MASSACHUSETTS

COVER SHEET

DATE: OCTOBER 11, 2023
DRAWN BY: KJ
DWG SCALE: AS SHOWN
PROJECT NO: 323-322
CHECKED BY: KJ
APPROVED BY: KJ

DRAWING NO.: **C000**

SHEET 1 OF 13



P:\120-000\123-1231-C000\Draw\101671\123122-C001-C000.dwg(0203) LS(10/12/2023 10:46 AM) - LP: 10/12/2023 10:46 AM

GENERAL NOTES

- 1. PROPERTY LINE INFORMATION TAKEN FROM PLAN TITLED "APPROVAL NOT REQUIRED PLAN OF LAND ON WAREHAM, MA" PREPARED FOR CLOVER LEAF GROUP... 2. EXISTING SITE TOPOGRAPHIC INFORMATION COMPILED FROM A FIELD SURVEY BY CIVIL AND ENVIRONMENTAL CONSULTANTS IN JULY AND AUGUST 2022... 3. VERTICAL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)...

DEMOLITION NOTES

- 1. NO TREES SHALL BE REMOVED, NOR VEGETATION DISTURBED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE... 2. TREE PROTECTION FENCING SHALL BE IN ACCORDANCE WITH THE DETAILED DRAWINGS... 3. PROTECTION OF EXISTING TREES AND VEGETATION: PROTECT EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS...

- 15. ALL UTILITY AND STRUCTURE REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED AND PROPERLY DOCUMENTED BY A CERTIFIED PROFESSIONAL... 16. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., WITHIN THE AREA TO BE DEMOLISHED SHALL BE REMOVED TO FULL DEPTH... 17. THE CONTRACTOR SHALL USE SUITABLE METHODS TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION ACTIVITIES.

LAYOUT NOTES

- 1. THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK... 2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES, AND SHALL TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN... 3. THE CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT...

GRADING NOTES

- 1. ALL PROPOSED GRADES SHOWN ARE FINAL GRADES, TOP OF GROUND LEVEL, TOP OF PAVEMENT, OR GRATE ELEVATION AT THE DRAWDOWN POINT UNLESS NOTED OTHERWISE... 2. REFER TO AND FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT... 3. ALL FILL UNDER PAVEMENT SHALL BE COMPACTED TO THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS...

STORM DRAINAGE NOTES

- 1. DISTANCES SHOWN ON PIPING ARE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE, UNLESS NOTED OTHERWISE... 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE INSTALLATION, INSPECTION, TESTING AND FINAL ACCEPTANCE OF ALL NEW STORMWATER MANAGEMENT FACILITIES... 3. ALL STORMWATER MANAGEMENT FACILITIES, INCLUDING COLLECTION AND CONVEYANCE STRUCTURES, SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS...

UTILITY NOTES

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD... 2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY (WATER, SEWER, GAS, ELECTRIC, TELEPHONE AND CABLE) LOCATIONS, INVERTS AND CONDITIONS PRIOR TO CONSTRUCTION... 3. ALL ELECTRIC LINES AND ASSOCIATED INFRASTRUCTURE SHOULD BE INSTALLED PER EVERSOURCE REQUIREMENTS.

- 4. ALL GAS LINES AND ASSOCIATED INFRASTRUCTURE SHOULD BE INSTALLED PER APPLICABLE NATURAL GAS COMPANY REQUIREMENTS... 5. ALL TELEPHONE LINES AND ASSOCIATED INFRASTRUCTURE SHOULD BE INSTALLED PER APPLICABLE UTILITY COMPANY REQUIREMENTS... 6. ALL UNDERGROUND UTILITIES MUST BE CLEARLY & PERMANENTLY MARKED WITH UNDERGROUND MARKING TAPE AND AS REQUIRED BY THE APPROPRIATE UTILITY COMPANY... 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES 48 HOURS PRIOR TO BEGINNING EXCAVATION...

TABLE OF ABBREVIATIONS

Table with 3 columns: General, Utilities, and a third column for additional abbreviations. Includes terms like ACB, ADA, APPROX, ARCH, BC, BCB, BCC, BIT, BLDG, BLSF, BOT, BS, BW, BWLL, CCB, CLF, CONC, DPW, DYCL, ECC, ELEV, EOP, EX, EXIST, FDN, FFE, GRAN, GTD, HP, LA, LOD, LOW, LP, MAX, MCC, ME, MIN, NDZ, NIC, NTS, PCC, PL, PROP, RA, R, REM, RET, ROW, R&D, R&R, R&S, SCE, SWEL, SWLL, TC, TR, TS, TW, TYP, VGC.

REVISION RECORD

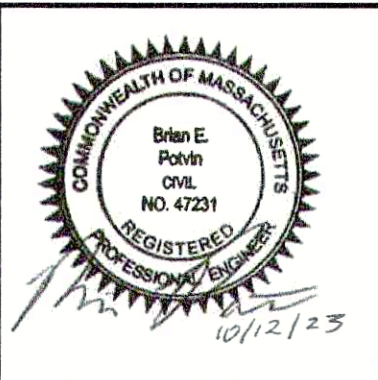
NO DATE

Civil & Environmental Consultants, Inc. 31 Bellows Road - Raynham, MA 02767 Ph: 774.501.2176 - 866.312.2024 - Fax: 774.501.2669 www.cecinc.com

EVERSOURCE ENERGY 37 DOTY STREET WAREHAM, MASSACHUSETTS

GENERAL NOTES

DATE: OCTOBER 11, 2023 DRAWN BY: KU DRAFT 323-322 PROJECT NO.: NOT TO SCALE CHECKED BY: DRAFT APPROVED BY:



DRAWING NO.: C001 SHEET 2 OF 13



NORTH

NOTES

- PROPERTY LINE INFORMATION TAKEN FROM PLAN TITLED "APPROVAL NOT REQUIRED PLAN OF LAND ON WAREHAM, MA" PREPARED FOR CLOVER LEAF GROUP NOMINEE TRUST, BY LAMONY R. HEALY LAND SURVEYORS, SCALE: 1"=80' DATED: MARCH 7, 1989 RECORDED IN THE PLYMOUTH COUNTY REGISTRY OF DEEDS AS BOOK 32 PAGE 204.
- EXISTING SITE TOPOGRAPHIC INFORMATION COMPILED FROM A FIELD SURVEY BY CIVIL AND ENVIRONMENTAL CONSULTANTS IN JULY AND AUGUST 2022. EXISTING CONDITIONS AS DEPICTED ON THESE PLANS ARE GENERAL AND ILLUSTRATIVE IN NATURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND TOWN OF WAREHAM IMMEDIATELY.
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- NO TREES SHALL BE REMOVED, NOR VEGETATION DISTURBED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
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- EROSION & SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH EROSION & SEDIMENT CONTROL PLAN. A STORMWATER POLLUTION PREVENTION CONTROL PLAN SHALL BE PREPARED.

LEGEND

	EXISTING SUBJECT PROPERTY LINE
	EXISTING EASEMENT
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING WETLAND LINE
	100'-FT WETLAND BUFFER ZONE LINE
	EXISTING CHAIN LINK FENCE LINE
	EXISTING FENCE LINE
	EXISTING CURB
	EXISTING EDGE OF PAVEMENT
	EXISTING ASPHALT PAVEMENT
	EXISTING STRUCTURE
	EXISTING STORM PIPE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD WIRE
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING SEWER MANHOLE
	EXISTING DRAIN MANHOLE
	EXISTING WATER SHUT OFF/WATER GATE
	EXISTING GAS SHUT OFF/GAS GATE
	EXISTING CATCH BASIN
	EXISTING UTILITY POLE
	EXISTING SIGN
	EXISTING DECIDUOUS TREE
	EXISTING TREELINE
	EXISTING CONCRETE
	EXISTING GUARDRAIL
	EXISTING ELECTRICAL MANHOLE
	EXISTING TELECOMMUNICATION MANHOLE
	EXISTING ENTRANCE

REVISION RECORD

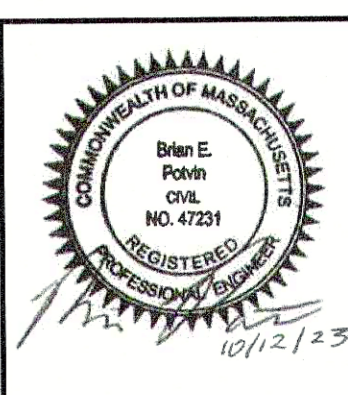
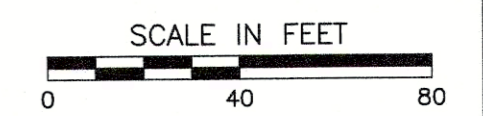
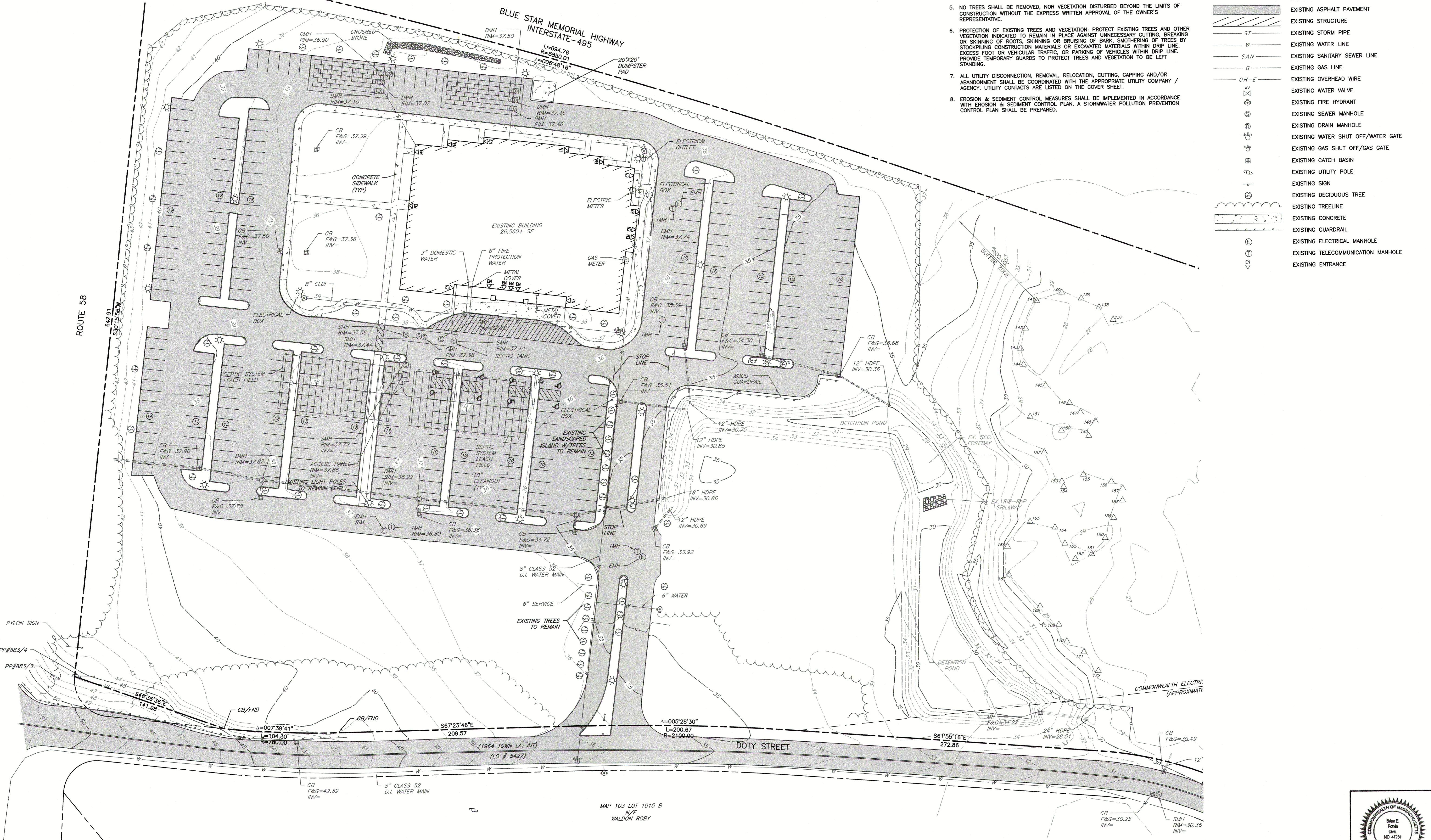
NO	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
31 Bellows Road · Raynham, MA 02767
Ph: 774.501.2176 · 866.312.2024 · Fax: 774.501.2669
www.ccec.com

EVERSOURCE ENERGY
37 DOTY STREET
WAREHAM, MASSACHUSETTS

DATE:	OCTOBER 11, 2023	DRAWN BY:	KJ
DWG SCALE:	1" = 40'	CHECKED BY:	DRAFT
PROJECT NO:	323-322	APPROVED BY:	DRAFT

DRAWING NO.: **C100**
SHEET 3 OF 13



P:\130-000\130-001-CAD\DWG\130-001-001-001.dwg (130-001-001-001.dwg) - LP: 10/12/2023 10:48 AM



NOTES

- PROPERTY LINE INFORMATION TAKEN FROM PLAN TITLED "APPROVAL NOT REQUIRED PLAN OF LAND ON WAREHAM, MA" PREPARED FOR CLOVER LEAF GROUP NOMINEE TRUST, BY LAMONY R. HEALY LAND SURVEYORS, SCALE: 1"=80' DATED: MARCH 7, 1989 RECORDED IN THE PLYMOUTH COUNTY REGISTRY OF DEEDS AS BOOK 32 PAGE 204.
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- NO TREES SHALL BE REMOVED, NOR VEGETATION DISTURBED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
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LEGEND

- EXISTING SUBJECT PROPERTY LINE
- EXISTING EASEMENT
- EXISTING INDEX (MAJOR) CONTOUR
- EXISTING INTERMEDIATE (MINOR) CONTOUR
- EXISTING WETLAND LINE
- 100-FT WETLAND BUFFER ZONE LINE
- EXISTING CHAIN LINK FENCE LINE
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- EXISTING STRUCTURE
- EXISTING STORM PIPE
- EXISTING WATER LINE
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- EXISTING SEWER MANHOLE
- EXISTING DRAIN MANHOLE
- EXISTING WATER SHUT OFF/WATER GATE
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- EXISTING CATCH BASIN
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING TREE LINE
- EXISTING CONCRETE
- EXISTING GUARDRAIL
- EXISTING ELECTRICAL MANHOLE
- EXISTING TELECOMMUNICATION MANHOLE
- EXISTING ENTRANCE
- LINEAR OBJECT TO BE REMOVED
- OBJECT TO BE REMOVED
- PROPOSED FILTER SOCK
- PROPOSED SILT FENCE
- PROPOSED CONSTRUCTION EXIT
- PAVEMENT TO BE MILLED
- LINEAR OBJECT TO BE REMOVED
- OBJECT TO BE REMOVED

REVISION RECORD

NO.	DATE	DESCRIPTION

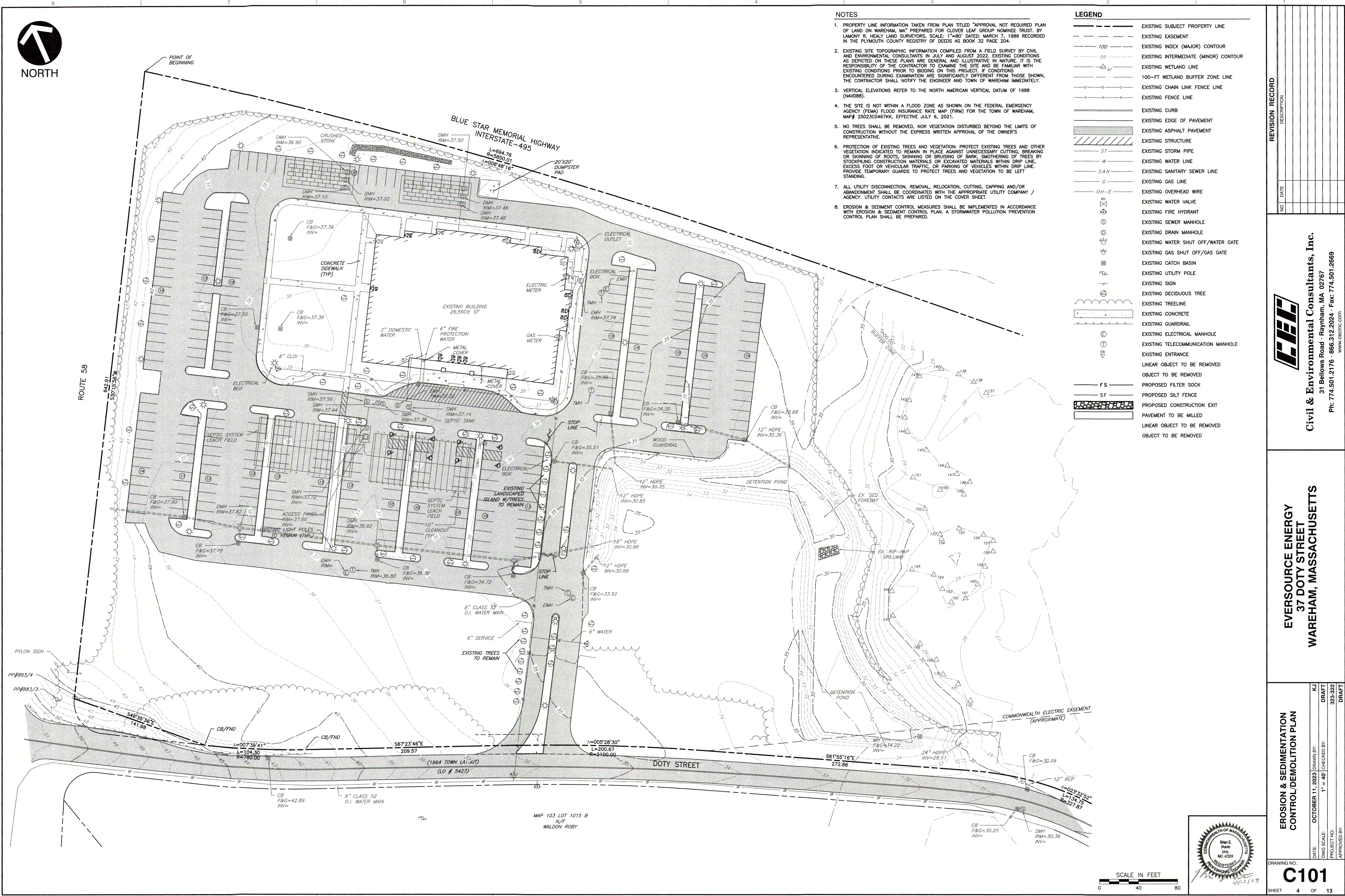
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EVERSOURCE ENERGY
37 DOTY STREET
WAREHAM, MASSACHUSETTS

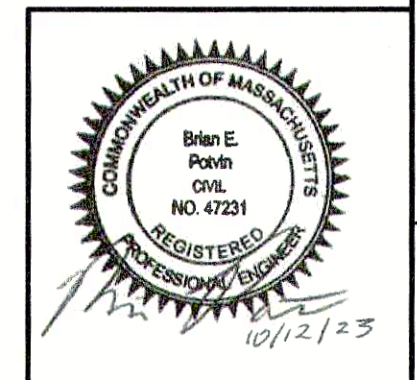
EROSION & SEDIMENTATION CONTROL/DEMOLITION PLAN

DRAWING NO. **C101**
 SHEET 4 OF 13

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SCALE IN FEET
 0 40 80



DATE: OCTOBER 11, 2023
 DRAWN BY: KJ
 DWG SCALE: 1" = 40'
 PROJECT NO: 323-322
 CHECKED BY:
 APPROVED BY:



PARKING SUMMARY:

- OFFICES (BUSINESS, PROFESSIONAL AND ADMINISTRATIVE) - 1 SPACE PER 250 SF GFA = 159 SPACES REQUIRED
226 SPACES PROVIDED + 8 HANDICAP SPACES = 234 TOTAL SPACES PROVIDED
- ALL PARKING SPACES SHALL BE 9.5'W X 19'L

SITE DATA

ADDRESS: 37 DOTY STREET
WAREHAM, MA 02576
PARCEL I.D.: 103-A1, 103-B1, 103-C1, 103-D1
DEED REFERENCE: BOOK 56129, PAGE 190
TOTAL AREA: 18.9 ACRES
ZONING DISTRICT: COMMERCIAL STRIP (CS)

ZONING TABLE

PRINCIPAL BUILDING		
	REQUIRED	PROVIDED
MINIMUM LOT AREA (SQUARE FEET)	30,000	823,984
MINIMUM FRONTAGE (FEET)	150	1,442.57
MINIMUM FRONT SETBACK (FEET)	20	367.27 (EXISTING)
MINIMUM SIDE/REAR SETBACK (FEET)	10	253.73/71.40 (EXISTING)
MAXIMUM HEIGHT (FEET)	40	N/A (EXISTING)
MAXIMUM BUILDING COVERAGE (%)	40	3.22 (EXISTING)
MAXIMUM IMPERVIOUS SURFACE (%)	65	38±
DISTANCE OF ANY STRUCTURE FROM A RESIDENTIAL DISTRICT (FEET)	40	71±

NOTES

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SITE LAYOUT NOTES

- SEE PLAN FOR EXTERIOR CAMERA LOCATION. ALL CAMERA SHALL BE ON POLE.
- PROVIDE 7'-0" HIGH CHAIN LINK FENCING AT THE PERIMETER OF EACH TRAINING YARD.
- PROVIDE AUTO OPENING GATE SYSTEM AT EACH TRAINING YARD WITH CARD READER ACCESS.
- PROVIDE AUTO OPENING GATE SYSTEM WITH CARD READER ACCESS AT THE ENTRANCE TO THE SITE. PROVIDE FOR EXIT AND ENTRANCE.
- PROVIDE 7'-0" HIGH CHAIN LINK FENCING AT PERIMETER OF MATERIAL STORAGE AREAS.
- RE-PAVED PARKING LOT SHALL BE RE-STRIPED AS SHOWN.

LEGEND

- EXISTING SUBJECT PROPERTY LINE
- EXISTING EASEMENT
- EXISTING WETLAND LINE
- 100-FT WETLAND BUFFER ZONE LINE
- EXISTING CHAIN LINK FENCE LINE
- EXISTING FENCE LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING STRUCTURE
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING CONCRETE
- EXISTING GUARDRAIL
- EXISTING ENTRANCE
- PROPOSED GRAVEL DRIVE
- PROPOSED 7' HIGH CHAIN LINK FENCE
- PROPOSED 7' HIGH CHAIN LINK PERIMETER FENCE W/ BARBED WIRE
- PROPOSED SLIDING GATE
- PROPOSED SWING GATE
- PROPOSED GRAVEL
- PROPOSED BIT. CONC. PAVEMENT OVERLAY
- PROPOSED STRIPING
- PROPOSED CONCRETE
- PROPOSED OVERHEAD DOOR
- PROPOSED ENTRANCE

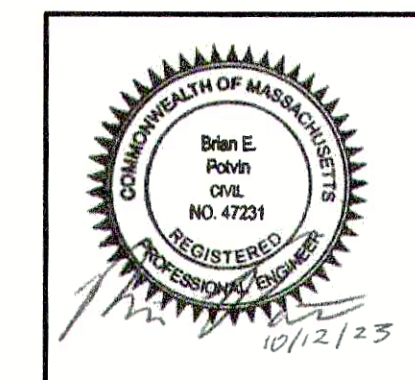
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NO.	DATE	DESCRIPTION

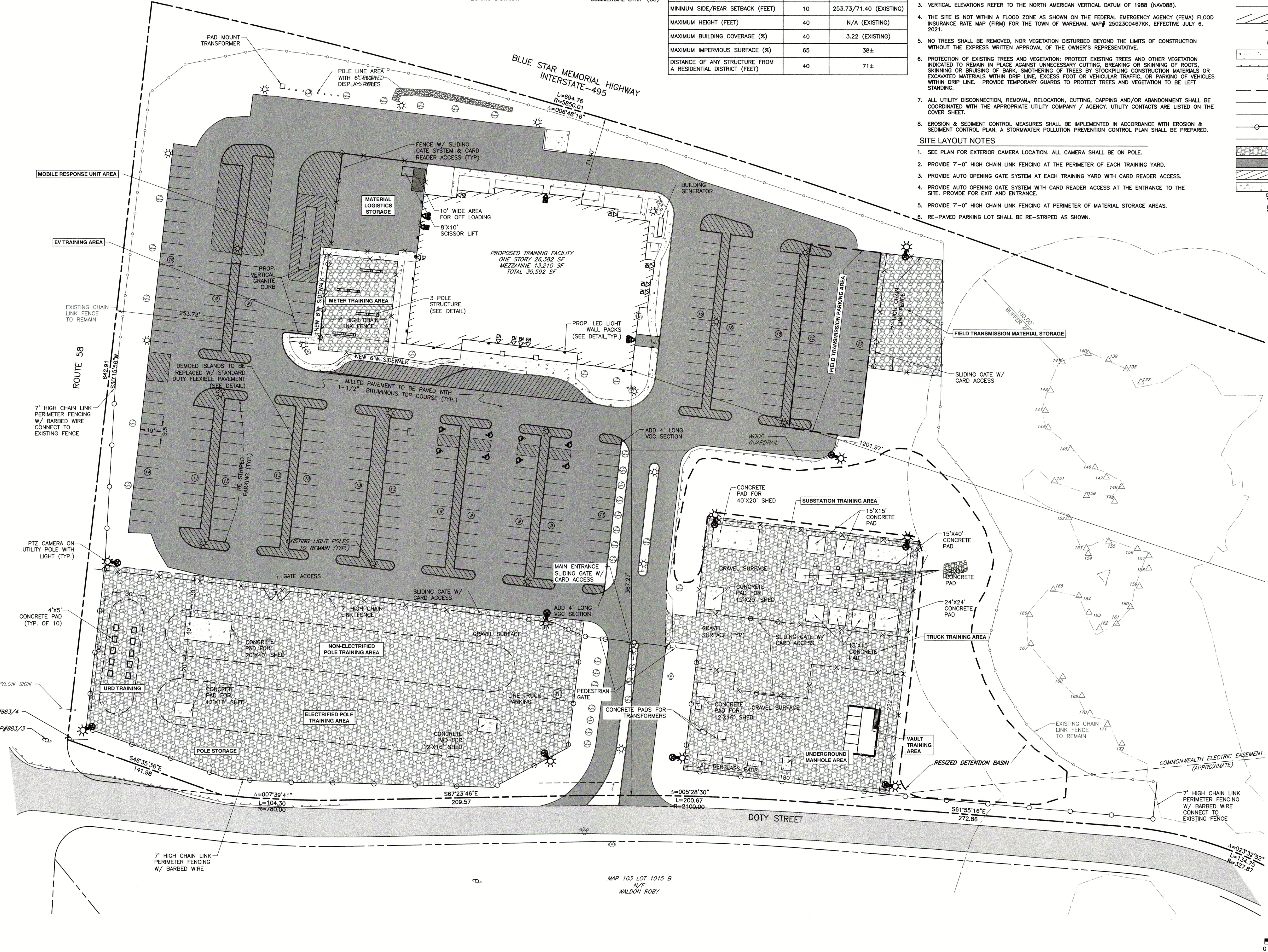
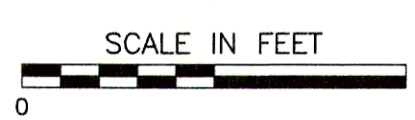
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EVERSOURCE ENERGY
37 DOTY STREET
WAREHAM, MASSACHUSETTS

SITE LAYOUT
DATE: OCTOBER 11, 2023 DRAWN BY: KJ
DWG SCALE: 1" = 40' CHECKED BY: DRAFT
PROJECT NO.: 323-332
APPROVED BY: DRAFT



DRAWING NO.: **C200**
SHEET 5 OF 13



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NOTES

- PROPERTY LINE INFORMATION TAKEN FROM PLAN TITLED "APPROVAL NOT REQUIRED PLAN OF LAND ON WAREHAM, MA" PREPARED FOR CLOVER LEAF GROUP NOMINEE TRUST, BY LAMONY R. HEALY LAND SURVEYORS, SCALE: 1"=80' DATED: MARCH 7, 1989 RECORDED IN THE PLYMOUTH COUNTY REGISTRY OF DEEDS AS BOOK 32 PAGE 204.
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- THE SITE IS NOT WITHIN A FLOOD ZONE AS SHOWN ON THE FEDERAL EMERGENCY AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR THE TOWN OF WAREHAM, MAP# 25023C0467KK, EFFECTIVE JULY 6, 2021.
- NO TREES SHALL BE REMOVED, NOR VEGETATION DISTURBED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
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- ALL UTILITY DISCONNECTION, REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY / AGENCY. UTILITY CONTACTS ARE LISTED ON THE COVER SHEET.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH EROSION & SEDIMENT CONTROL PLAN. A STORMWATER POLLUTION PREVENTION CONTROL PLAN SHALL BE PREPARED.

LEGEND

- EXISTING SUBJECT PROPERTY LINE
- EXISTING EASEMENT
- EXISTING WETLAND LINE
- 100-FT WETLAND BUFFER ZONE LINE
- EXISTING CHAIN LINK FENCE LINE
- EXISTING FENCE LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING STRUCTURE
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING CONCRETE
- EXISTING GUARDRAIL
- PROPOSED GRAVEL DRIVE
- PROPOSED 7' HIGH CHAIN LINK FENCE
- PROPOSED CONCRETE
- PROPOSED ENTRANCE
- PROPOSED OVERHEAD DOOR

NO.	DATE	DESCRIPTION

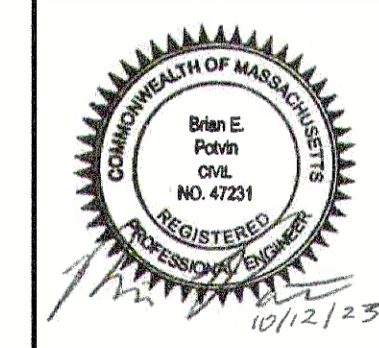
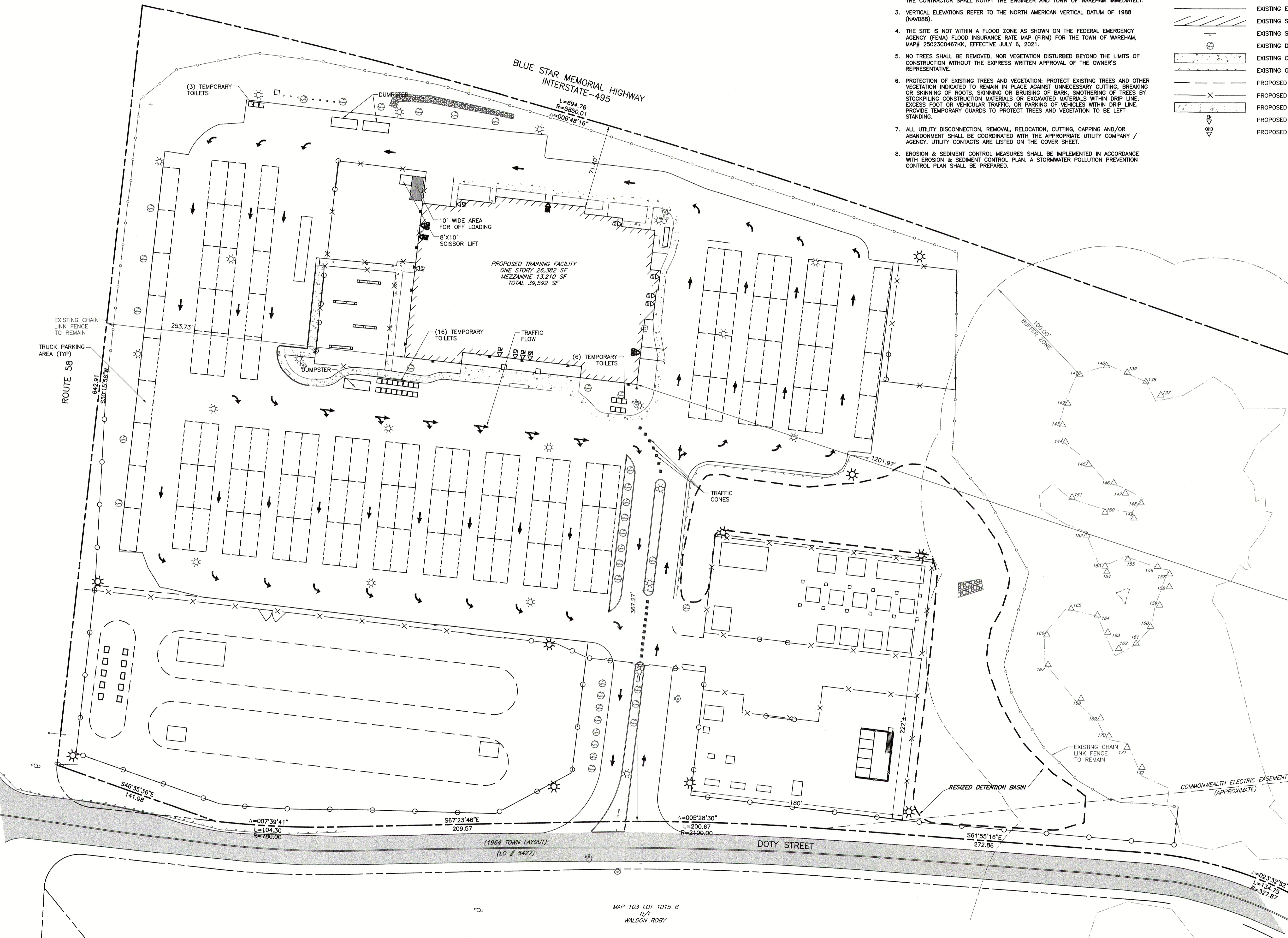
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EVERSOURCE ENERGY
37 DOTY STREET
WAREHAM, MASSACHUSETTS

EMERGENCY RESPONSE OPERATIONS GRAPHIC

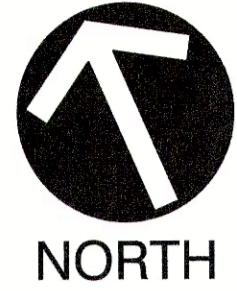
DATE:	OCTOBER 11, 2023	DRAWN BY:	KJ
DWG SCALE:	1" = 40'	CHECKED BY:	DRAFT
PROJECT NO.:	323-322	APPROVED BY:	DRAFT

DRAWING NO.: **C201**
 SHEET 6 OF 13



SCALE IN FEET
0 40 80

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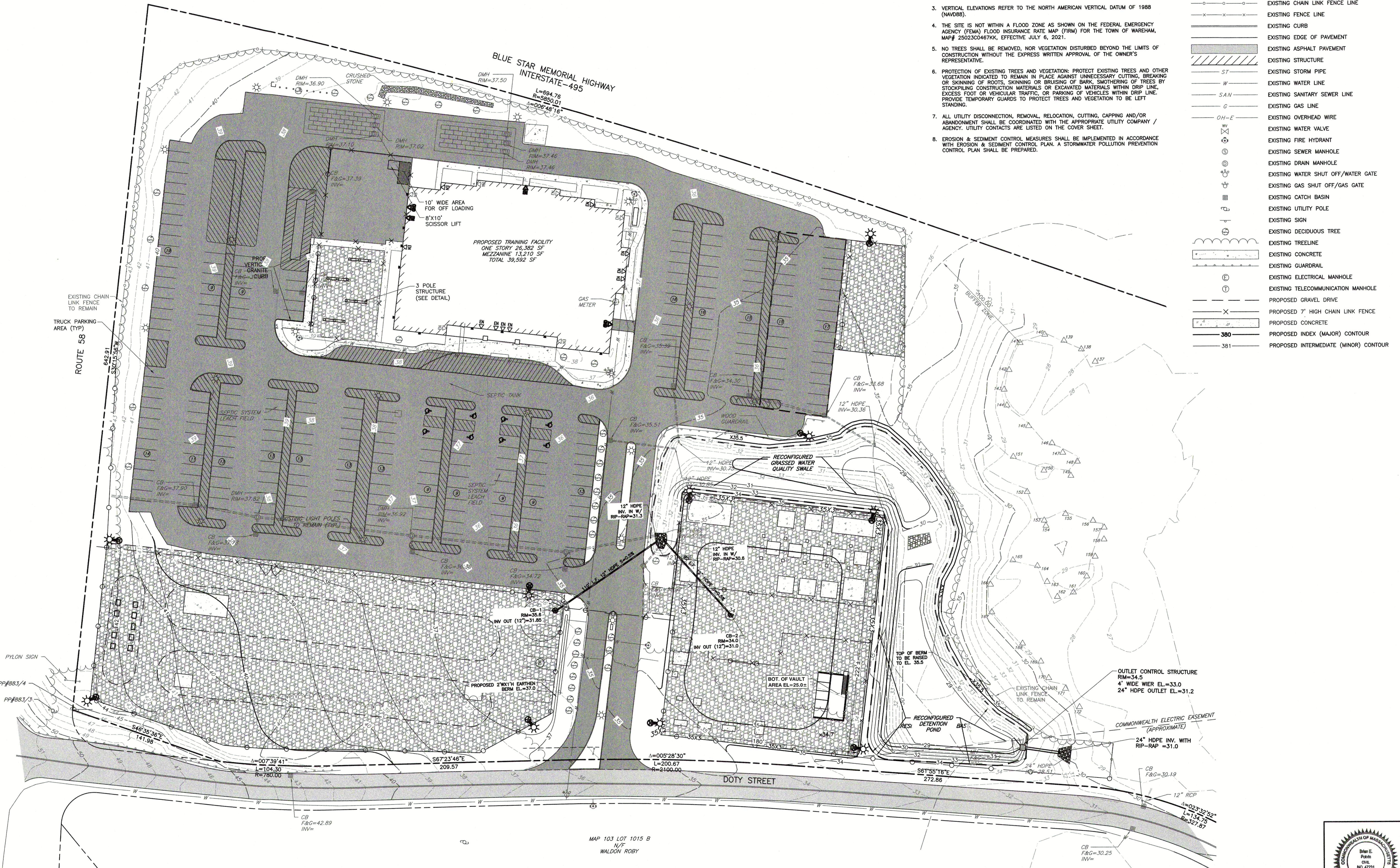


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LEGEND

- EXISTING SUBJECT PROPERTY LINE
- EXISTING EASEMENT
- EXISTING INDEX (MAJOR) CONTOUR
- EXISTING INTERMEDIATE (MINOR) CONTOUR
- EXISTING WETLAND LINE
- 100-FT WETLAND BUFFER ZONE LINE
- EXISTING CHAIN LINK FENCE LINE
- EXISTING FENCE LINE
- EXISTING CURB
- EXISTING EDGE OF PAVEMENT
- EXISTING ASPHALT PAVEMENT
- EXISTING STRUCTURE
- EXISTING STORM PIPE
- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING GAS LINE
- EXISTING OVERHEAD WIRE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING SEWER MANHOLE
- EXISTING DRAIN MANHOLE
- EXISTING WATER SHUT OFF/WATER GATE
- EXISTING GAS SHUT OFF/GAS GATE
- EXISTING CATCH BASIN
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING TREELINE
- EXISTING CONCRETE
- EXISTING GUARDRAIL
- EXISTING ELECTRICAL MANHOLE
- EXISTING TELECOMMUNICATION MANHOLE
- PROPOSED GRAVEL DRIVE
- PROPOSED 7' HIGH CHAIN LINK FENCE
- PROPOSED CONCRETE
- PROPOSED INDEX (MAJOR) CONTOUR
- PROPOSED INTERMEDIATE (MINOR) CONTOUR



NO.	DATE	DESCRIPTION

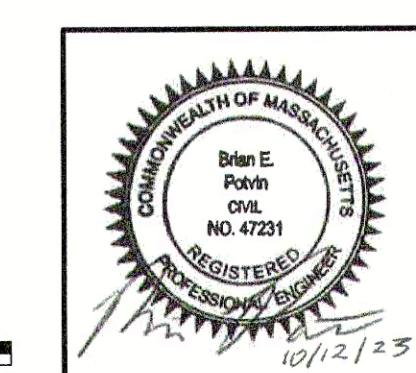
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EVERSOURCE ENERGY
 37 DOTY STREET
 WAREHAM, MASSACHUSETTS

GRADING/DRAINAGE PLAN

DRAWING NO.: **C300**

DATE: OCTOBER 11, 2023
 DRAWN BY: KU
 DWG SCALE: 1" = 40'
 CHECKED BY: 323-322
 PROJECT NO.:
 APPROVED BY: DRAFT



SCALE IN FEET
 0 40 80

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SEPTIC CALCULATIONS FROM 02/03/02 CINEMA DESIGN PLAN

DESIGN FLOW 1400 SEATS X 5 GPD/SEAT = 7,000 GPD

SYSTEM DESIGN
DESIGN PERC RATE: 2 MINUTES PER INCH USE LEACHING BED: 100' LONG, 100' WIDE BOTTOM: 100' X 100' X (0.74 G/SF)=7,400 GPD PROVIDED

SEPTIC TANK DESIGN
200% X 7,000 GPD=14,000 GPD USE 1, 23,000 GALLON 2 COMPARTMENT H-20 SEPTIC TANK

PUMP CHAMBER DESIGN
7,000 GPD / 4 DOSES PER DAY=1750 GAL. PER DOSE/2=875 GAL PER DOSE DOSING SHALL ALTERNATE FROM SYSTEM "A" TO SYSTEM "B"

1750 GALLONS + 7,000 GALLON STORAGE=8,750 GALLON TANK REQUIRED USE 9,000 GALLON PUMP CHAMBER

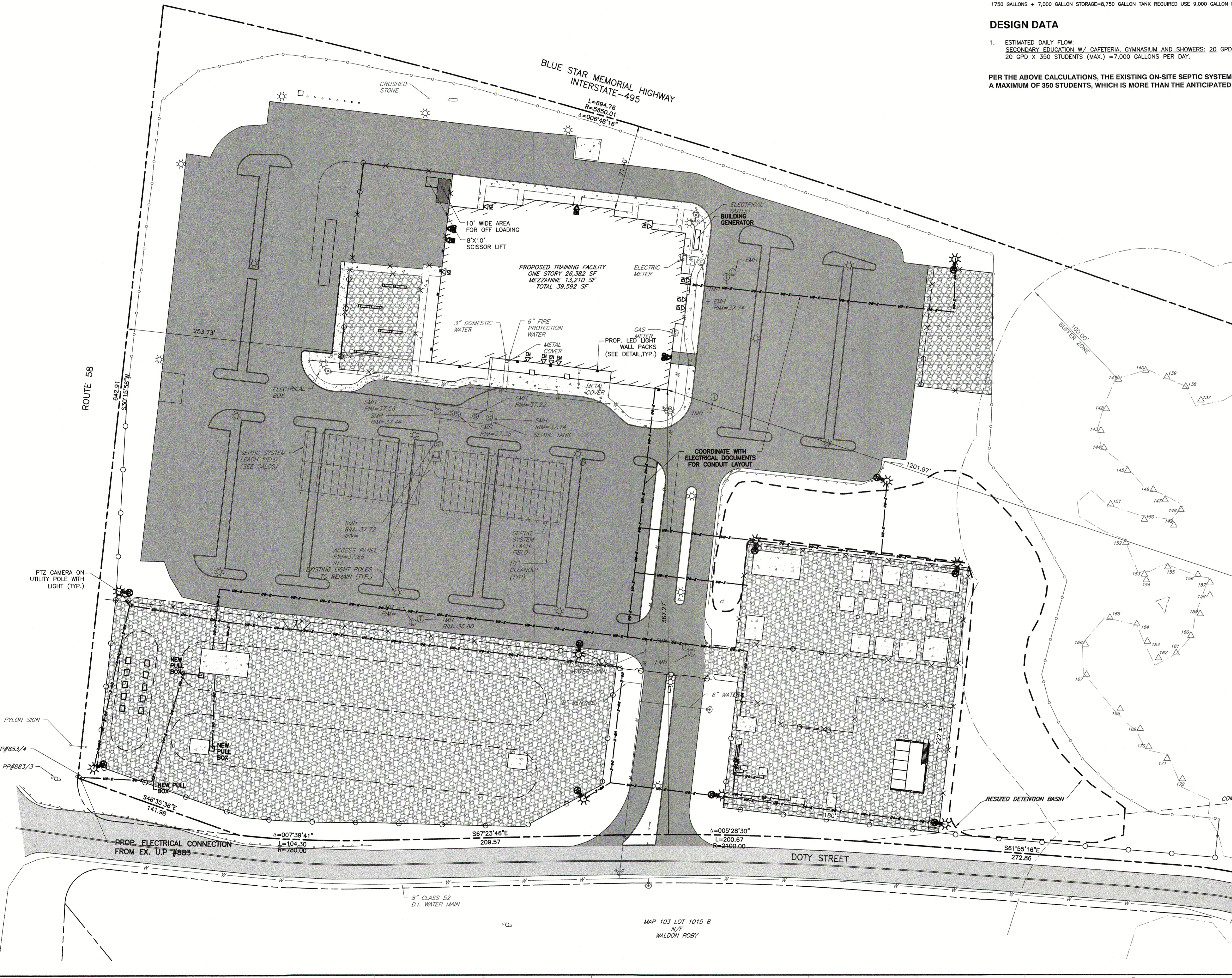
DESIGN DATA

- ESTIMATED DAILY FLOW:
SECONDARY EDUCATION W/ CAFETERIA, GYMNASIUM AND SHOWERS: 20 GPD/PERSON
20 GPD X 350 STUDENTS (MAX.) =7,000 GALLONS PER DAY.
- PER THE ABOVE CALCULATIONS, THE EXISTING ON-SITE SEPTIC SYSTEM CAN HANDLE A MAXIMUM OF 350 STUDENTS, WHICH IS MORE THAN THE ANTICIPATED AMOUNT.

LEGEND	
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	EXISTING TREE LINE
	EXISTING CONCRETE
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	EXISTING ELECTRICAL MANHOLE
	EXISTING TELECOMMUNICATION MANHOLE
	PROPOSED GRAVEL DRIVE
	PROPOSED 7' HIGH CHAIN LINK FENCE
	PROPOSED 7' HIGH CHAIN LINK PERIMETER FENCE W/ BARBED WIRE
	PROPOSED CONCRETE
	PROPOSED ENTRANCE
	PROPOSED OVERHEAD DOOR
	PROPOSED SLIDING GATE
	PROPOSED SWING GATE
	PROPOSED UTILITY POLE W/ LIGHT
	PROPOSED GRAVEL
	PROPOSED BIT. CONC. PAVEMENT OVERLAY
	PROPOSED STRIPING
	PROPOSED UNDERGROUND ELECTRIC

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- FINAL LOCATION(S) OF PROPOSED UNDERGROUND ELECTRICAL LINES AND INFRASTRUCTURE SHALL BE INSTALLED PER EVERSOURCE REQUIREMENTS AND SHALL BE COORDINATED WITH CONTRACTOR/DEVELOPER.
- SEE SHEET C001 FOR UTILITY NOTES.



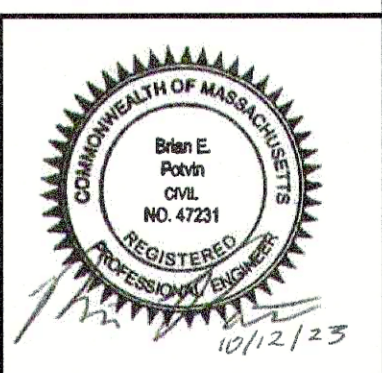
NO	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
31 Bellows Road · Raynham, MA 02767
Ph: 774.501.2176 · Fax: 774.501.2669
www.cecincc.com

EVERSOURCE ENERGY
37 DOTY STREET
WAREHAM, MASSACHUSETTS

UTILITIES PLAN

DATE: OCTOBER 11, 2023
DRAWN BY: KJ
PROJECT NO: 323-322
CHECKED BY:
APPROVED BY:



DRAWING NO: **C500**
SHEET 8 OF 13

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GENERAL LANDSCAPE NOTES:

1. ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY, OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
2. CONTRACTOR SHALL REQUEST UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK. VERIFY ALL EXISTING UTILITIES AND CONDITIONS PRIOR TO ANY EXCAVATION AT LEAST 72 HOURS PRIOR TO LANDSCAPE INSTALLATION.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND ELEVATIONS DURING THE ENTIRE CONSTRUCTION SCHEDULE. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD DIMENSIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
4. CONTRACTOR SHALL MAINTAIN ONE SET OF AS-BUILT/RECORD DRAWINGS ON THE JOB SITE DURING CONSTRUCTION FOR DISTRIBUTION TO THE OWNER AND/OR OWNER'S REPRESENTATIVE UPON COMPLETION.
5. NO CHANGES TO THE SITE LANDSCAPE LAYOUT ARE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
6. CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUALITY AND QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING AS SHOWN ON DRAWINGS. PLANT MATERIAL DELIVERED TO SITE SHALL BE STORED IN SECURE LOCATION NOT IN CONFLICT WITH OTHER CONSTRUCTION OPERATIONS AND MAINTAINED UNTIL TIME OF INSTALLATION.
7. ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT "AMERICAN ASSOCIATION OF NURSERY STOCK, ANSI Z60.1-2004", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
8. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND APPROVED.
9. ALL PLANTS SHALL BE PLANTED SO THAT THE ROOT CROWN IS PLANTED AT GRADE LEVEL.
10. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING. TWINE OR ROPE SHALL BE REMOVED FROM AROUND CROWN OF TRUNK TO PREVENT GIRDLING OF TREE OR SHRUB.
11. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
12. CONTRACTOR TO REMOVE ALL LANDSCAPE DEBRIS FROM PLANTING OPERATIONS FROM THE PROJECT SITE. NO OPEN BURNING SHALL BE PERMITTED ON SITE.
13. THE DAY PRIOR TO PLANTING, THE LOCATIONS OF ALL TREES AND SHRUBS SHALL BE STAKED AND PLANTING BEDLINE OUTLINES DEFINED FOR APPROVAL BY OWNER(S).
14. THE LANDSCAPE CONTRACTOR SHALL REFER TO CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
15. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE NEW PLANT MATERIAL THROUGH TWO (2) CALENDAR YEARS FROM THE TIME OF SUBSTANTIAL COMPLETION OF PROJECT. AT THE END OF THIS PERIOD, ANY PLANT MATERIAL DEEMED UNSATISFACTORY BY LANDSCAPE ARCHITECT SHALL BE REPLACED AT NO ADDITIONAL COST TO OWNER.
16. IF THERE IS A DISCREPANCY BETWEEN THE PLANS AND THE PLANT SCHEDULE, THE PLANS SHALL TAKE PRECEDENCE.
17. CONTRACTOR SHALL REPAIR ANY DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.
18. STAKES AND OR GUY WIRES SHALL BE REMOVED AFTER ONE (1) YEAR OF INSTALLATION.
19. ALL EXISTING LANDSCAPING SHALL BE MAINTAINED DURING CONSTRUCTION. ANY MATERIAL DEEMED DEAD OR UNSATISFACTORY BY LANDSCAPE ARCHITECT, WILL BE REPLACED EQUIVALENT IN SIZE AND SHAPE AT NO COST TO OWNER.
20. IF PLANT SPECIES SPECIFIED ARE FOUND TO BE UNAVAILABLE OR NOT IN SUFFICIENT QUANTITY AT TIME OF PLANTING, THE CONTRACTOR MAY SUBSTITUTE SPECIES UPON WRITTEN APPROVAL BY LANDSCAPE ARCHITECT.
21. LANDSCAPING SHALL BE SUBSTANTIALLY INSTALLED PRIOR TO THE ISSUANCE OF OCCUPANCY PERMIT FOR THE PRINCIPAL STRUCTURE ON LOT. WEATHER PERMITTING, OR, IN THE EVENT OF ADVERSE WEATHER CONDITIONS, WITHIN NINETY (90) DAYS FOLLOWING THE COMMENCEMENT OF THE NEXT SUCCESSIVE PLANTING SEASON FOLLOWING ISSUANCE OF OCCUPANCY PERMIT.
22. ALL LANDSCAPE PLANTINGS TO BE MAINTAINED BY CONTRACTOR FOR 60 DAYS FOLLOWING FINAL INSPECTION BY LANDSCAPE ARCHITECT.

PLANTING SOIL PREPARATION NOTES:

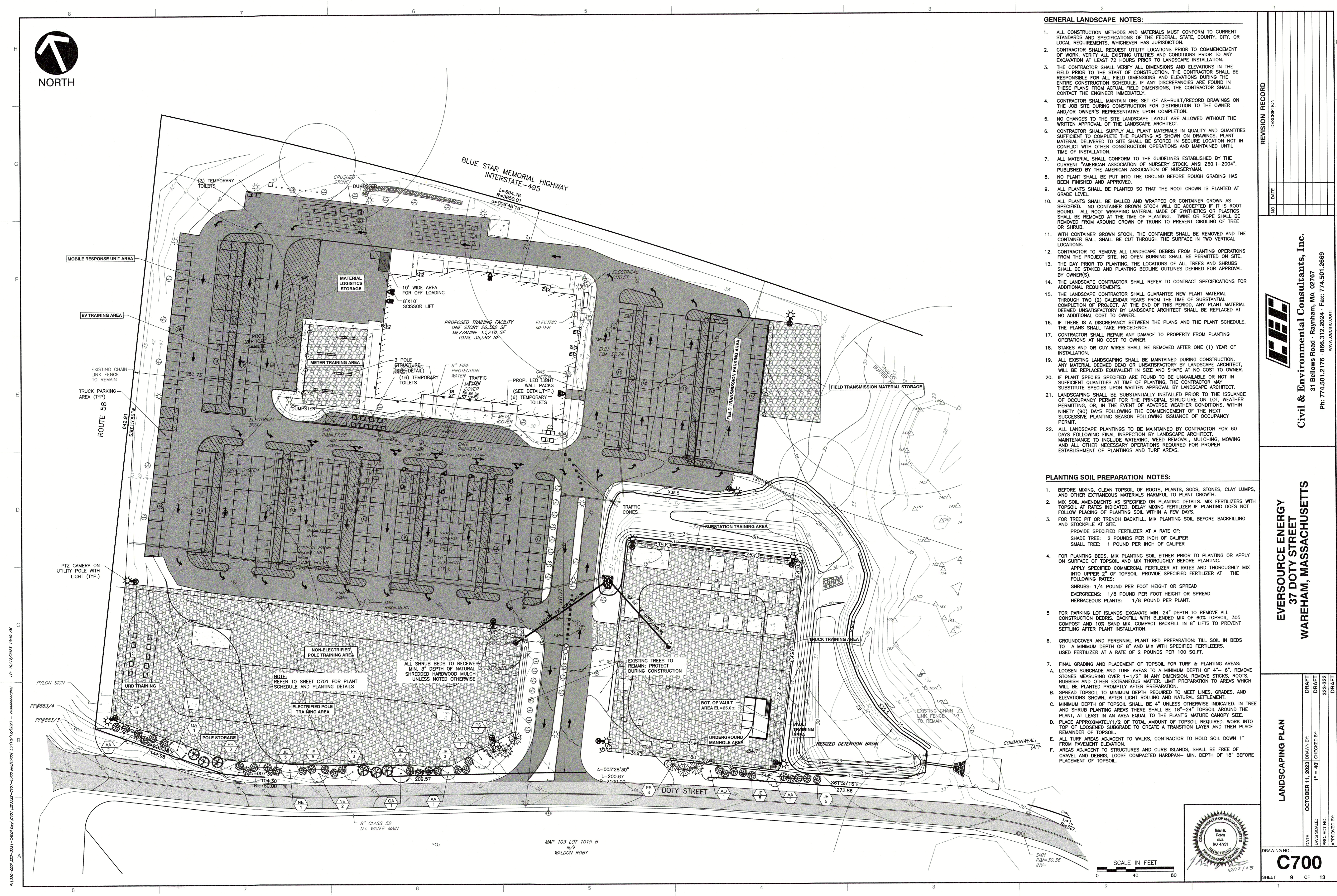
1. BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SODS, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH.
2. MIX SOIL AMENDMENTS AS SPECIFIED ON PLANTING DETAILS. MIX FERTILIZERS WITH TOPSOIL AT RATES INDICATED. DELAY MIXING FERTILIZER IF PLANTING DOES NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.
3. FOR TREE PIT OR TRENCH BACKFILL, MIX PLANTING SOIL BEFORE BACKFILLING AND STOCKPILE AT SITE.
PROVIDE SPECIFIED FERTILIZER AT A RATE OF:
SHADE TREE: 2 POUNDS PER INCH OF CALIPER
SMALL TREE: 1 POUND PER INCH OF CALIPER
4. FOR PLANTING BEDS, MIX PLANTING SOIL EITHER PRIOR TO PLANTING OR APPLY ON SURFACE OF TOPSOIL AND MIX THOROUGHLY BEFORE PLANTING.
APPLY SPECIFIED COMMERCIAL FERTILIZER AT RATES AND THOROUGHLY MIX INTO UPPER 2" OF TOPSOIL. PROVIDE SPECIFIED FERTILIZER AT THE FOLLOWING RATES:
SHRUBS: 1/4 POUND PER FOOT HEIGHT OR SPREAD
EVERGREENS: 1/8 POUND PER FOOT HEIGHT OR SPREAD
HERBACEOUS PLANTS: 1/8 POUND PER PLANT.
5. FOR PARKING LOT ISLANDS EXCAVATE MIN. 24" DEPTH TO REMOVE ALL CONSTRUCTION DEBRIS. BACKFILL WITH BLENDED MIX OF 60% TOPSOIL, 30% COMPOST AND 10% SAND MIX. COMPACT BACKFILL IN 8" LIFTS TO PREVENT SETTLING AFTER PLANT INSTALLATION.
6. GROUND COVER AND PERENNIAL PLANT BED PREPARATION: TILL SOIL IN BEDS TO A MINIMUM DEPTH OF 8" AND MIX WITH SPECIFIED FERTILIZERS. USED FERTILIZER AT A RATE OF 2 POUNDS PER 100 SQ.FT.
7. FINAL GRADING AND PLACEMENT OF TOPSOIL FOR TURF & PLANTING AREAS:
A. LOOSEN SUBGRADE AND TURF AREAS TO A MINIMUM DEPTH OF 4" - 6". REMOVE STONES MEASURING OVER 1-1/2" IN ANY DIMENSION. REMOVE STICKS, ROOTS, RUBBISH AND OTHER EXTRANEOUS MATTER. LIMIT PREPARATION TO AREAS WHICH WILL BE PLANTED PROMPTLY AFTER PREPARATION.
B. SPREAD TOPSOIL TO MINIMUM DEPTH REQUIRED TO MEET LINES, GRADES, AND ELEVATIONS SHOWN, AFTER LIGHT ROLLING AND NATURAL SETTLEMENT.
C. MINIMUM DEPTH OF TOPSOIL SHALL BE 4" UNLESS OTHERWISE INDICATED. IN TREE AND SHRUB PLANTING AREAS THERE SHALL BE 18"-24" TOPSOIL AROUND THE PLANT. AT LEAST IN AN AREA EQUAL TO THE PLANT'S MATURE CANOPY SIZE.
D. PLACE APPROXIMATELY 1/2 OF TOTAL AMOUNT OF TOPSOIL REQUIRED, WORK INTO TOP OF LOOSENED SUBGRADE TO CREATE A TRANSITION LAYER AND THEN PLACE REMAINDER OF TOPSOIL.
E. ALL TURF AREAS ADJACENT TO WALKS, CONTRACTOR TO HOLD SOIL DOWN 1" FROM FINISH ELEVATION.
F. AREAS ADJACENT TO STRUCTURES AND CURB ISLANDS, SHALL BE FREE OF GRAVEL AND DEBRIS. LOOSE COMPACTED HARDPAN - MIN. DEPTH OF 18" BEFORE PLACEMENT OF TOPSOIL.

NO.	DATE	DESCRIPTION

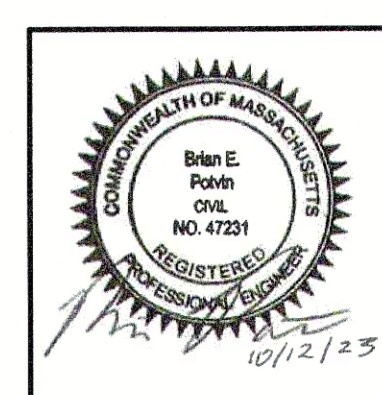
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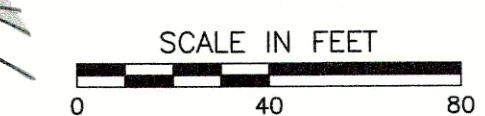
LANDSCAPING PLAN
OCTOBER 11, 2023 (DRAWN BY: [Signature])
DRAFT
DRAFT
DRAFT
1" = 40'
PROJECT NO.: 323-322
APPROVED BY: [Signature]
DRAWING NO.: **C700**
SHEET 9 OF 13



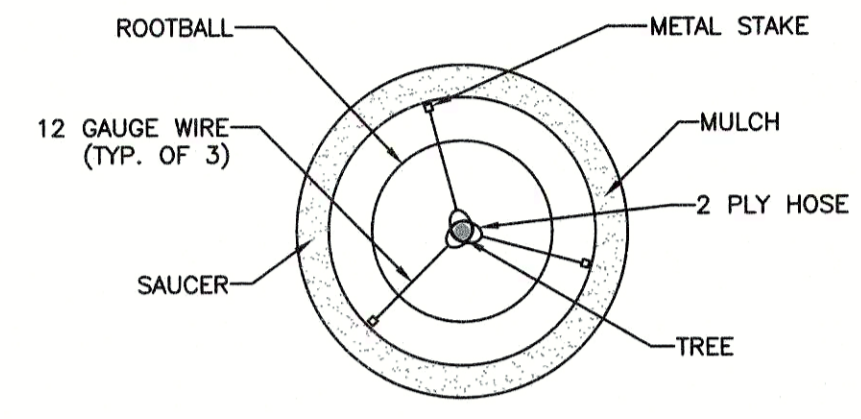
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MAP 103 LOT 1015 B
N/F
WALDON ROBY

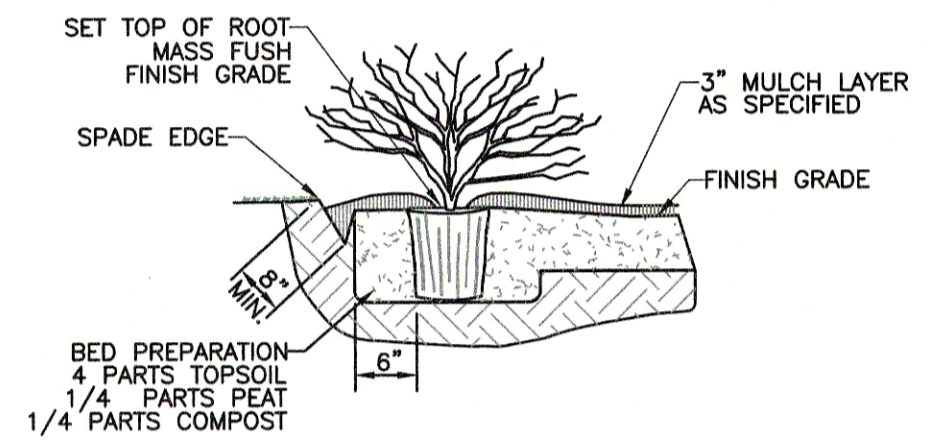


TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	CALIPER	SIZE
	AD	2	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY RED MAPLE	B&B	2.5" CAL.	
	AA	5	AMELANCHIER ARBOREA DOWNY SERVICEBERRY	B&B	2.5" CAL.	
	JE	33	JUNIPERUS VIRGINIANA EASTERN REDCEDAR	B&B		6'-7' HT.
	NE	3	NYSSA SYLVATICA 'JFS-RED' FIRESTARTER® TUPELO	B&B	2.5" CAL.	
	PR	6	PINUS RIGIDA PITCH PINE	B&B		6'-7' HT.
	PS	6	PINUS STROBUS WHITE PINE	B&B		6'-7' HT.
	QA	3	QUERCUS ALBA WHITE OAK	B&B	2.5" CAL.	

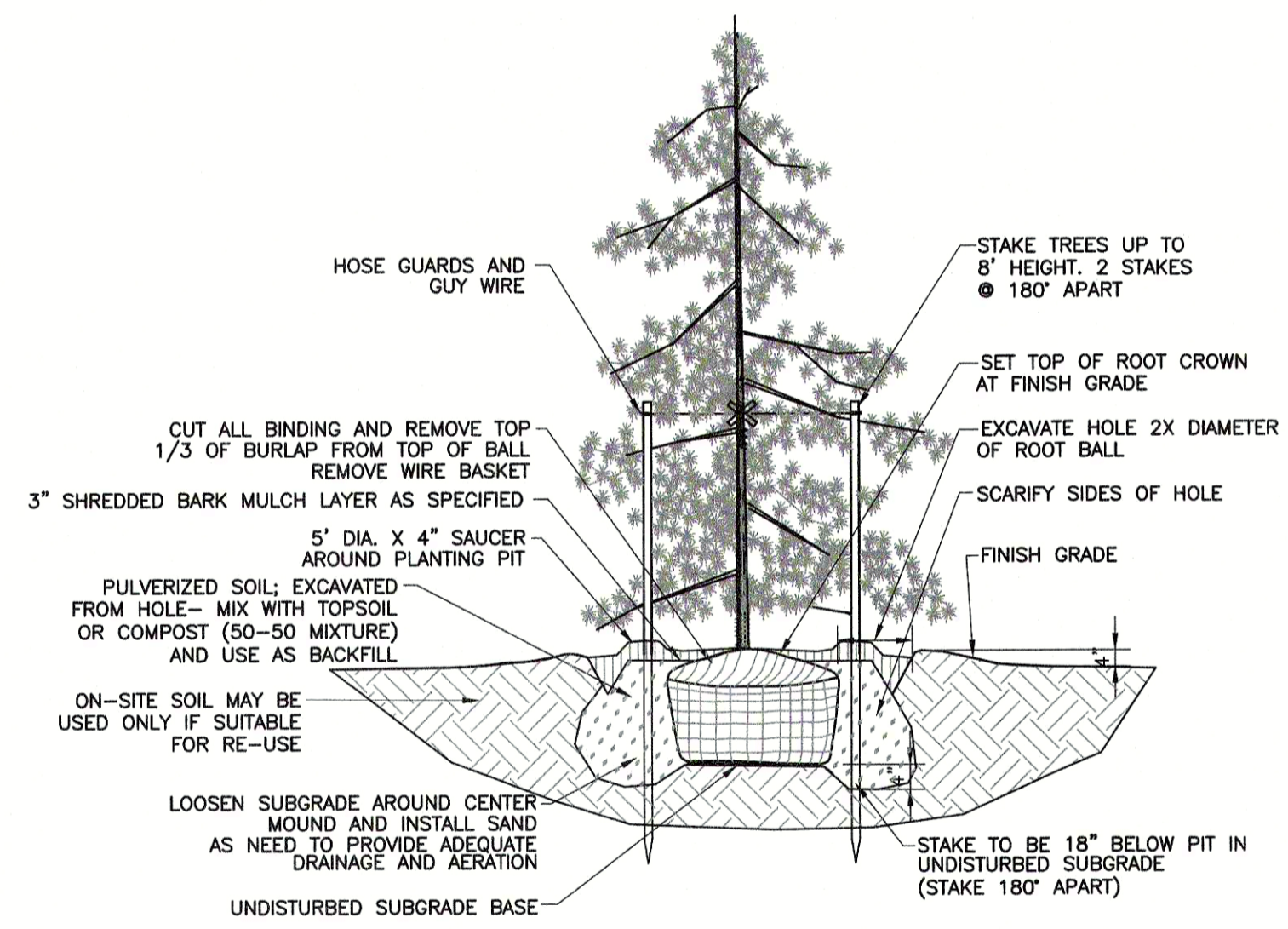


NOTE: LOCATE 1 STAKE DIRECTLY
SOUTHWEST OF TREE TRUNK

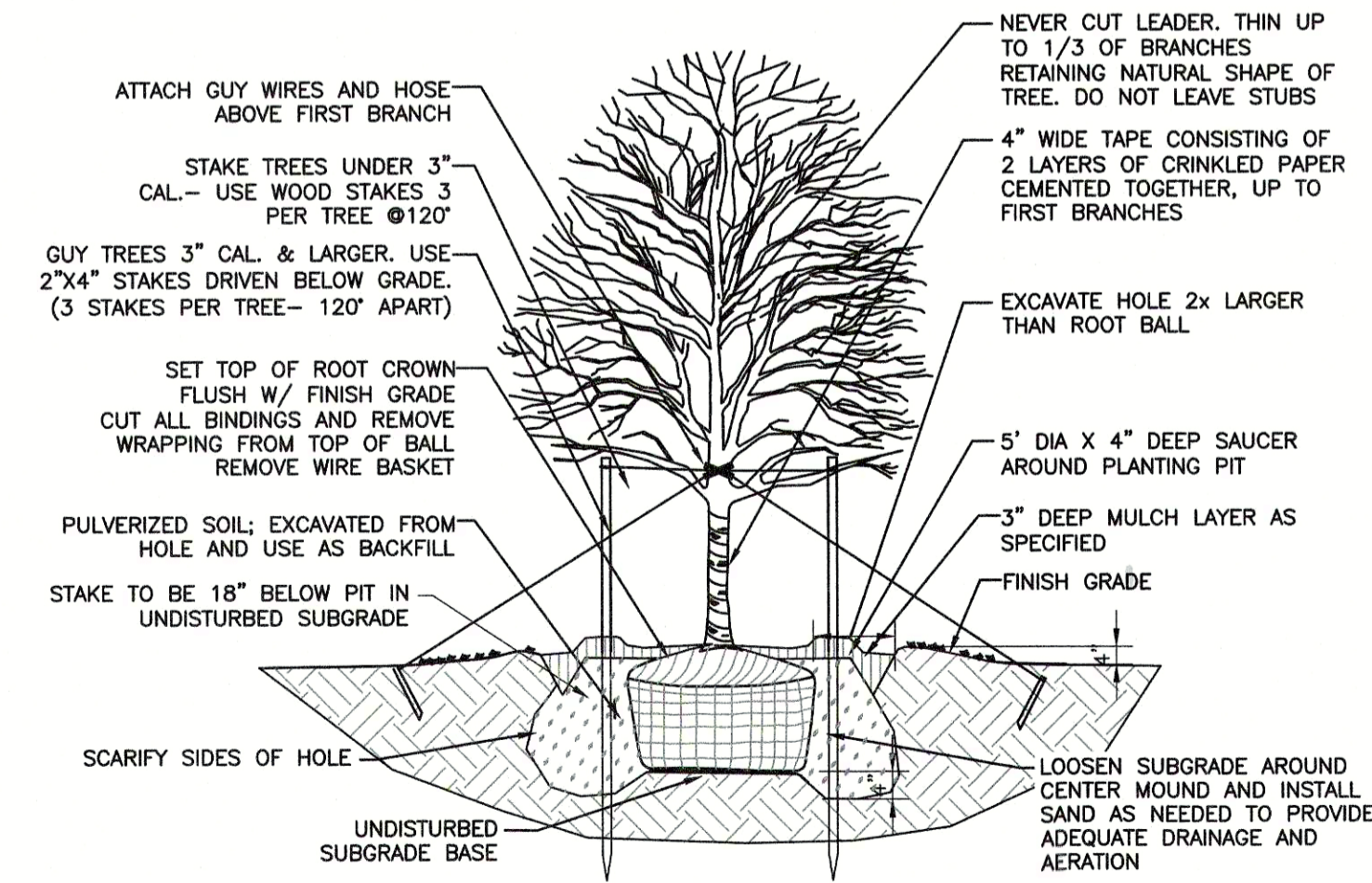
DETAIL 703 - TREE STAKING DETAIL
NOT TO SCALE



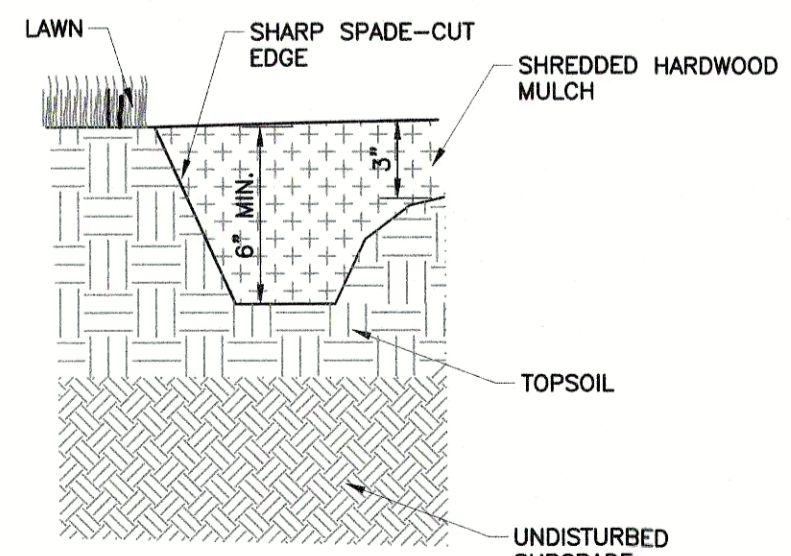
DETAIL 702 - SHRUB PLANTING DETAIL
NOT TO SCALE



DETAIL 701 - EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE



DETAIL 700 - SHADE TREE PLANTING DETAIL
NOT TO SCALE



DETAIL 704 - SPADE EDGING DETAIL
NOT TO SCALE

REVISION RECORD

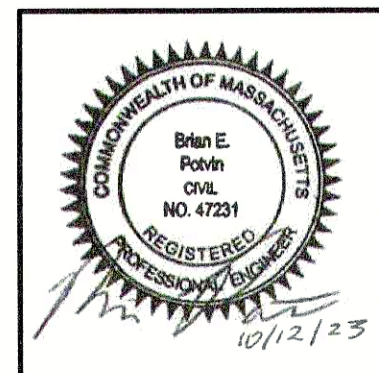
NO.	DATE	DESCRIPTION

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Civil & Environmental Consultants, Inc.
31 Bellows Road · Raynham, MA 02767
Ph: 774.501.2176 · 866.312.2024 · Fax: 774.501.2669
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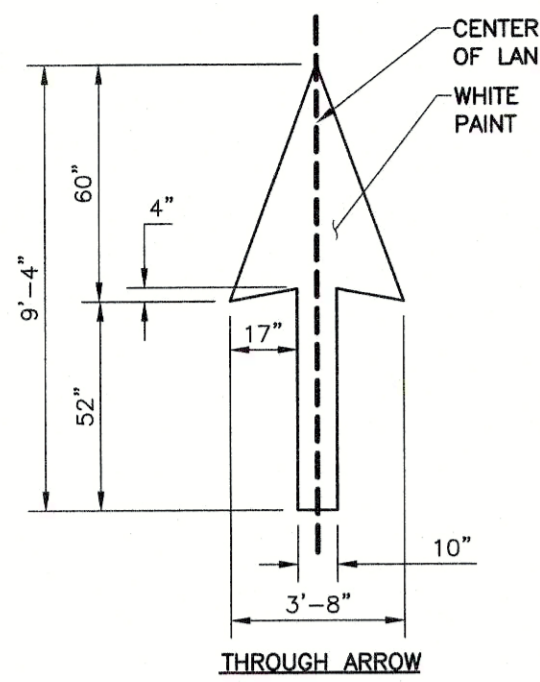
EVERSOURCE ENERGY
37 DOTY STREET
WAREHAM, MASSACHUSETTS

LANDSCAPE DETAILS

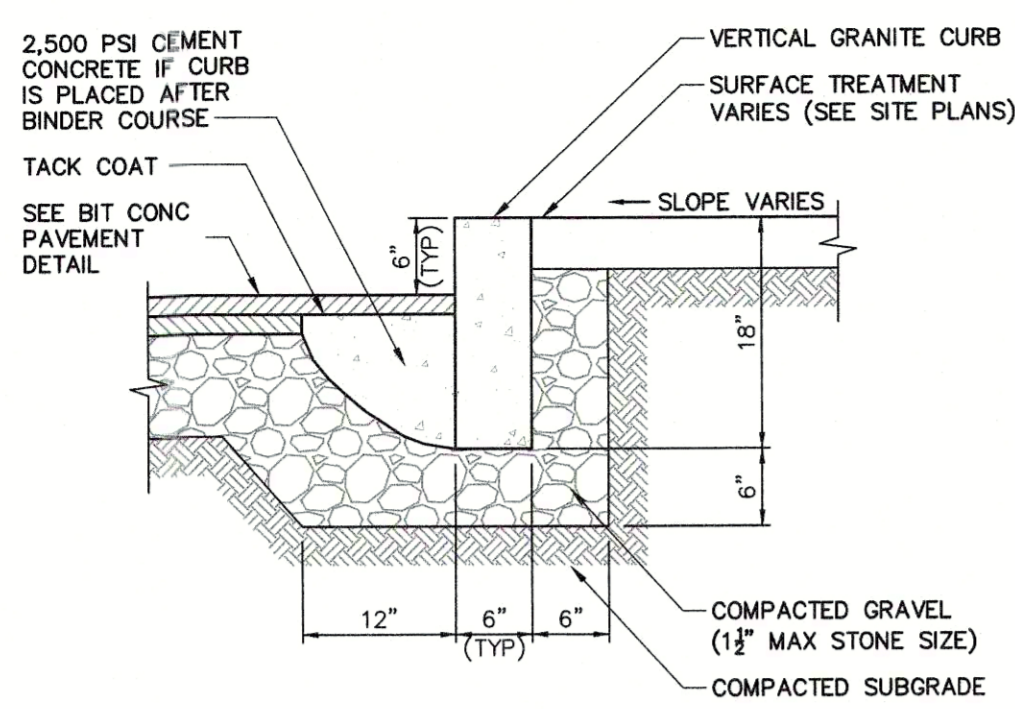
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PROJECT NO.:	323-932	DATE:	DRAFT
APPROVED BY:		DATE:	DRAFT



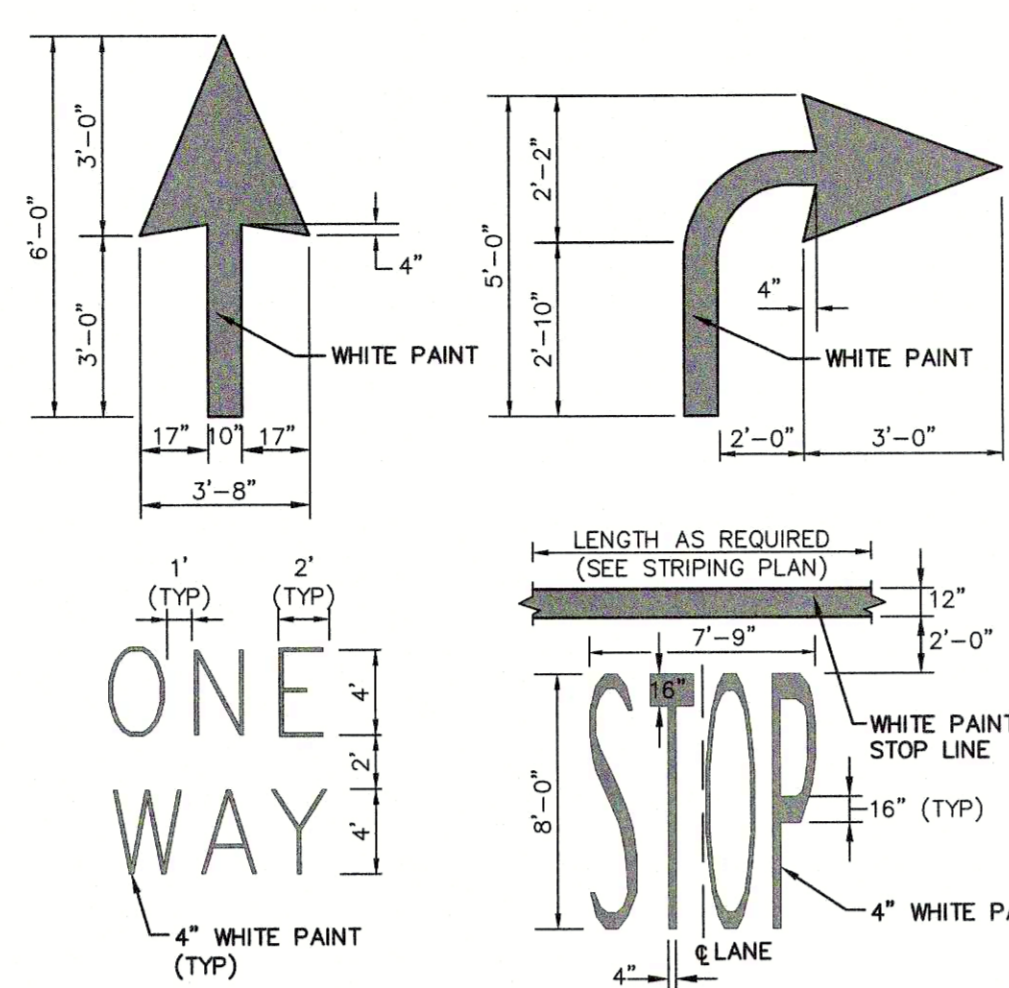
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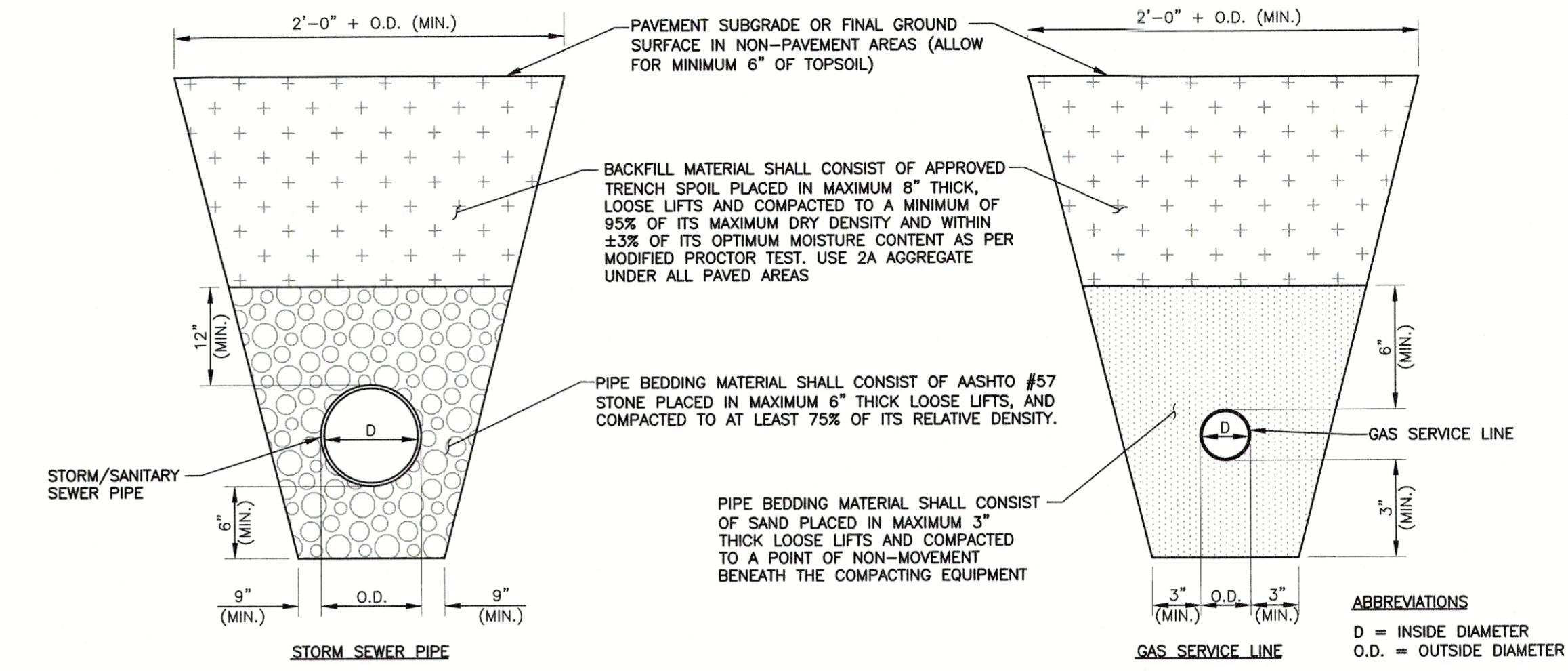
PAVEMENT STRIPING
N.T.S.



VERTICAL GRANITE CURB
N.T.S.



PAINTED PAVEMENT MARKINGS
N.T.S.

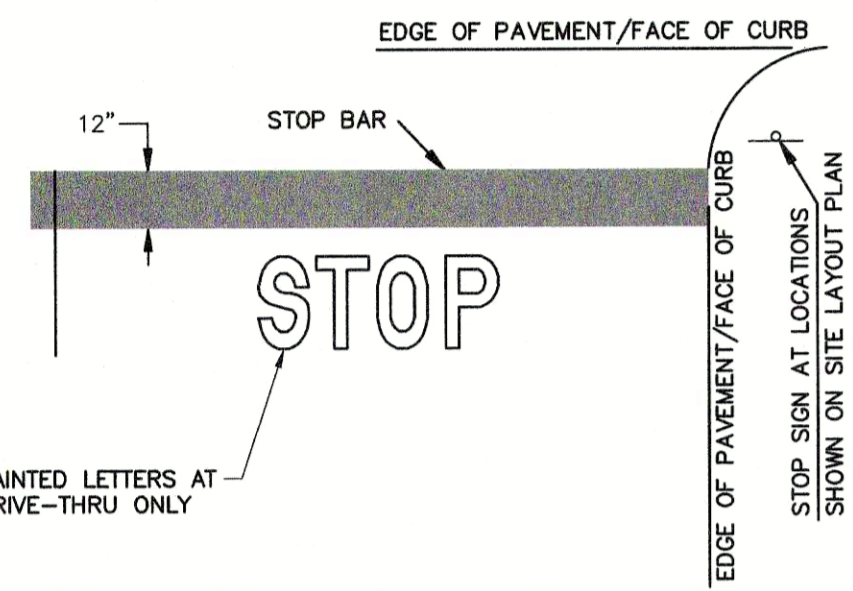


UTILITY TRENCH DETAILS
N.T.S.

COVER REQUIREMENTS	
UTILITY	MINIMUM COVER REQUIRED *
STORM SEWER	2.0 FT.
SANITARY SEWER	4.0 FT.
WATERLINE	4.0 FT.
GAS LINE	2.0 FT.
TELEPHONE LINE	2.5 FT.
ELECTRIC LINE	3.75 FT.

* AS MEASURED FROM TOP OF PIPE TO FINAL GROUND SURFACE VEGETATED AREA

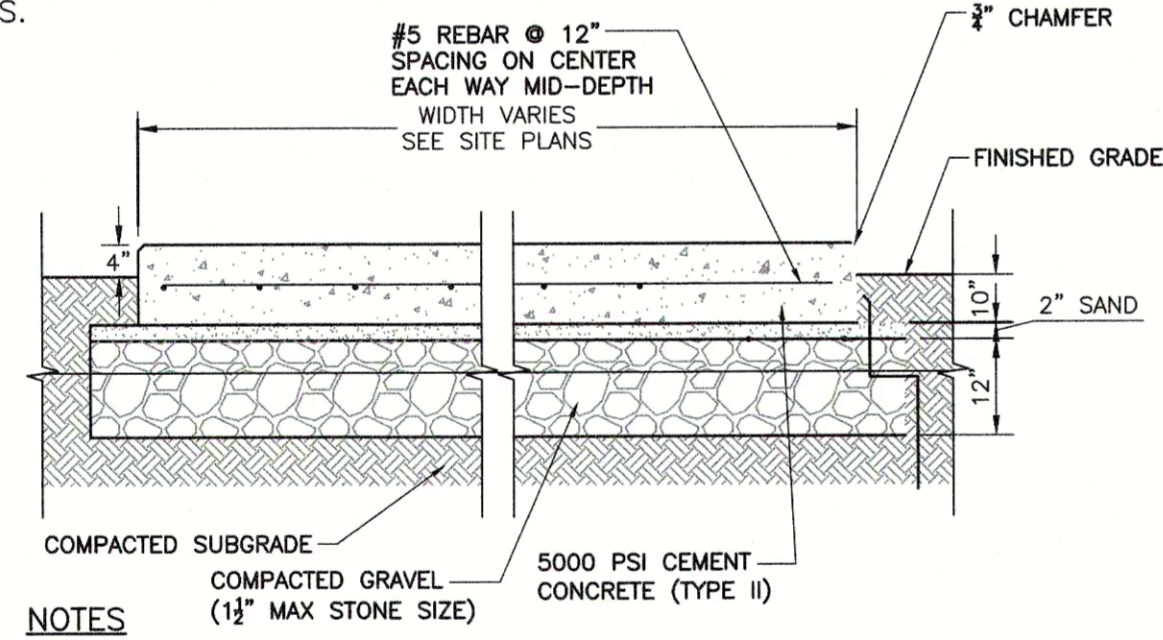
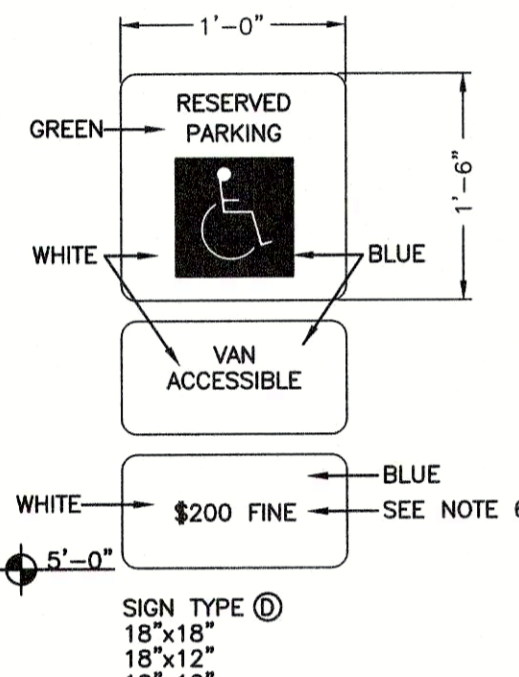
- CONSTRUCTION NOTES:**
- FINAL CONDUIT CONFIGURATION TO BE SPECIFIED BY THE TELEPHONE AND ELECTRIC COMPANY DESIGNS FOR SITE.
 - A 1/2" HIGH STRENGTH PULL ROPE SHALL BE INSTALLED FOR BOTH ELECTRIC AND TELEPHONE.
- ELECTRIC AND TELEPHONE LINES (TYP.)



CONSTRUCTION NOTES:

- SET POSTS IN CONCRETE TO A MINIMUM DEPTH OF 36". SIGN PANELS SHALL BE 0.100 ALUMINUM WITH RAISED OR SILKSCREEN COPY.
- FOR POST MOUNTING, USE NON-CORROSIVE 3/8" 2. MACHINE BOLTS W/ WASHERS, 2 PER SIGN; OR IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- FOR WALL MOUNTING, USE NON-CORROSIVE 3/8" LAG BOLTS W/ LEAD EXPANSION SHIELD, 4 PER SIGN.
- ALL ACCESSIBLE PARKING SIGNAGE IS TO BE INSTALLED WITH THE BOTTOM EDGE OF THE LOWEST SIGN AT LEAST 60" ABOVE FINISHED GRADE.
- FINE AMOUNT SHALL BE DISPLAYED IN ACCORDANCE WITH LOCAL LAW. THE AMOUNT SHOWN HEREON IS REPRESENTATIVE ONLY. COORDINATE POSTING OF FINE AMOUNT WITH LOCAL LAW ENFORCEMENT AGENCY.
- STOP BAR MUST BE PAINTED WHITE.
- FOR ACCESSIBLE SIGNAGE, DIMENSIONS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) RULES AND REGULATIONS (521 CMR).
- SIGNAGE SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).

SIGNS
N.T.S.



CONCRETE PAD GENERATOR
N.T.S.

- NOTES:**
- SIZE (LENGTH AND WIDTH) OF GENERATOR PAD TO BE AS INDICATED ON SITE PLANS.
 - ALL EXPOSED TOP SURFACE EDGES SHALL HAVE 3/4" CHAMFER.

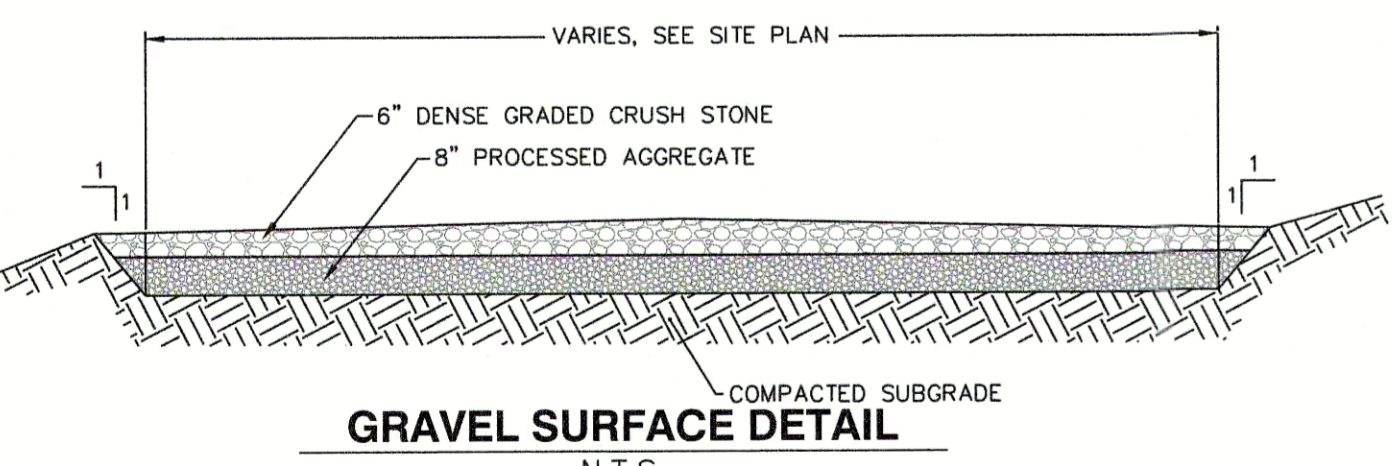


SIGN POST
N.T.S.

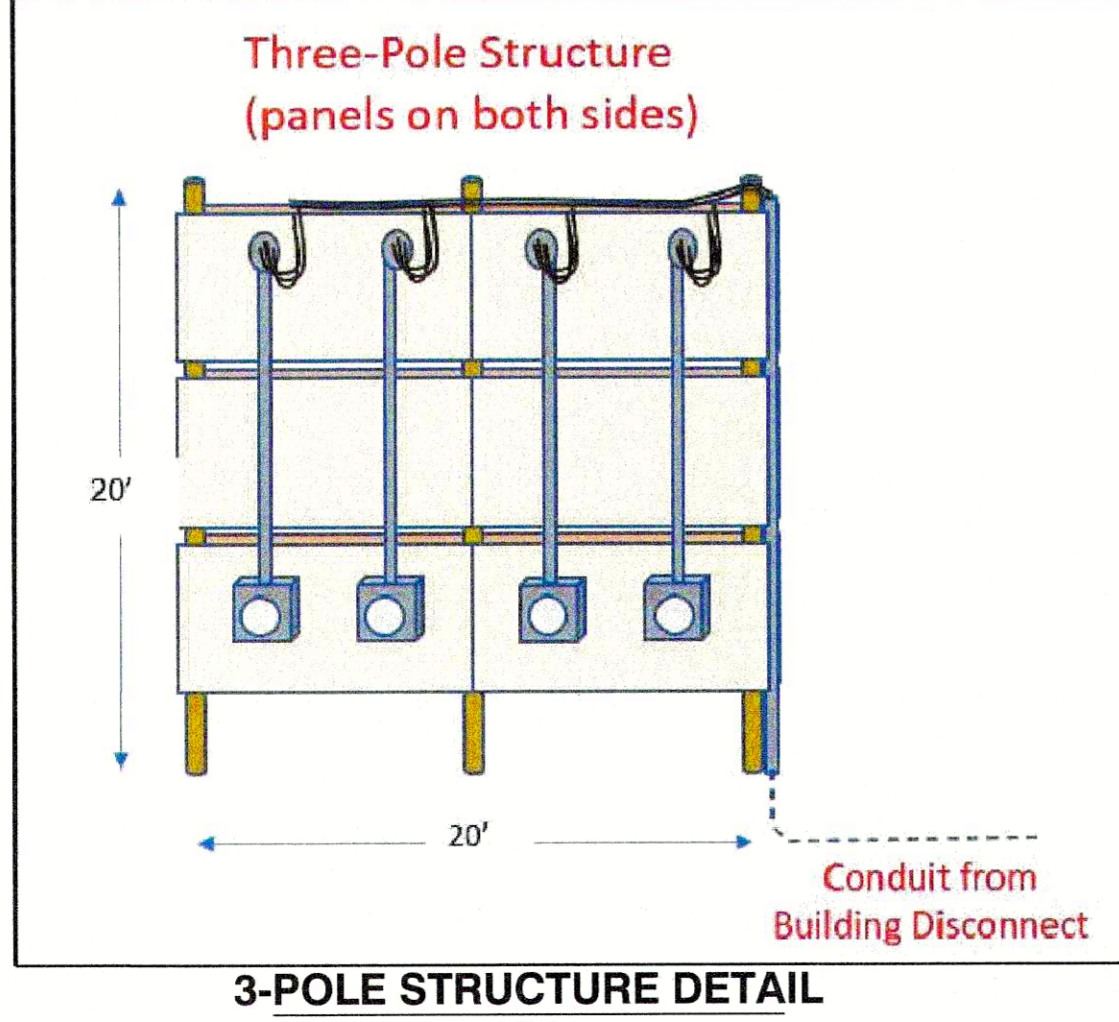
- CONSTRUCTION NOTES:**
- FOR ACCESSIBLE SIGNAGE, DIMENSION SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) RULES AND REGULATIONS (521 CMR).
 - SIGNS AND POSTS SHALL BE PER CITY OF QUINCY STANDARDS IF THE STANDARDS DIFFER FROM THE DETAIL DEPICTED HEREON.
 - SIGNAGE SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).



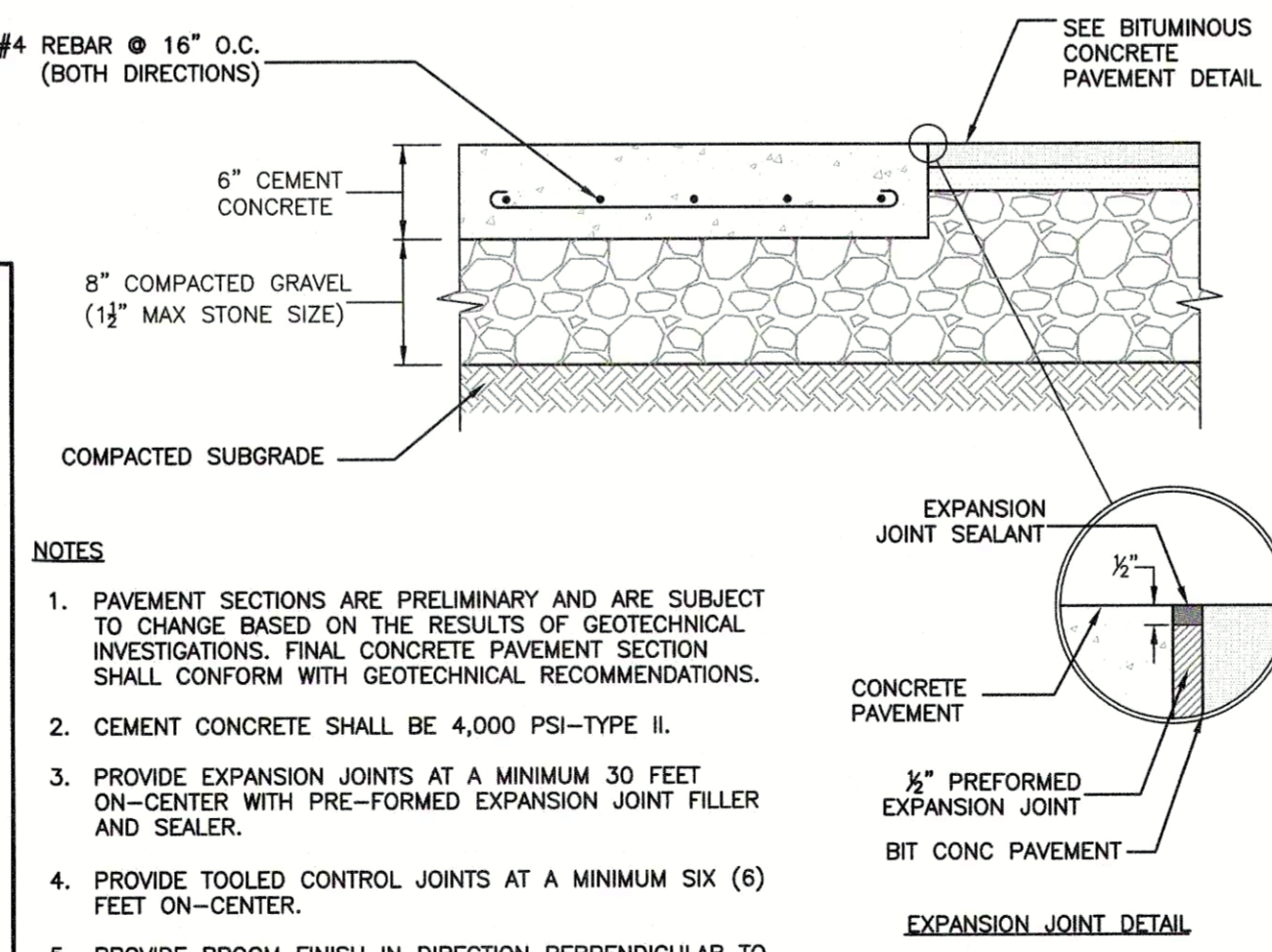
BITUMINOUS CONCRETE PAVEMENT
N.T.S.



GRAVEL SURFACE DETAIL
N.T.S.

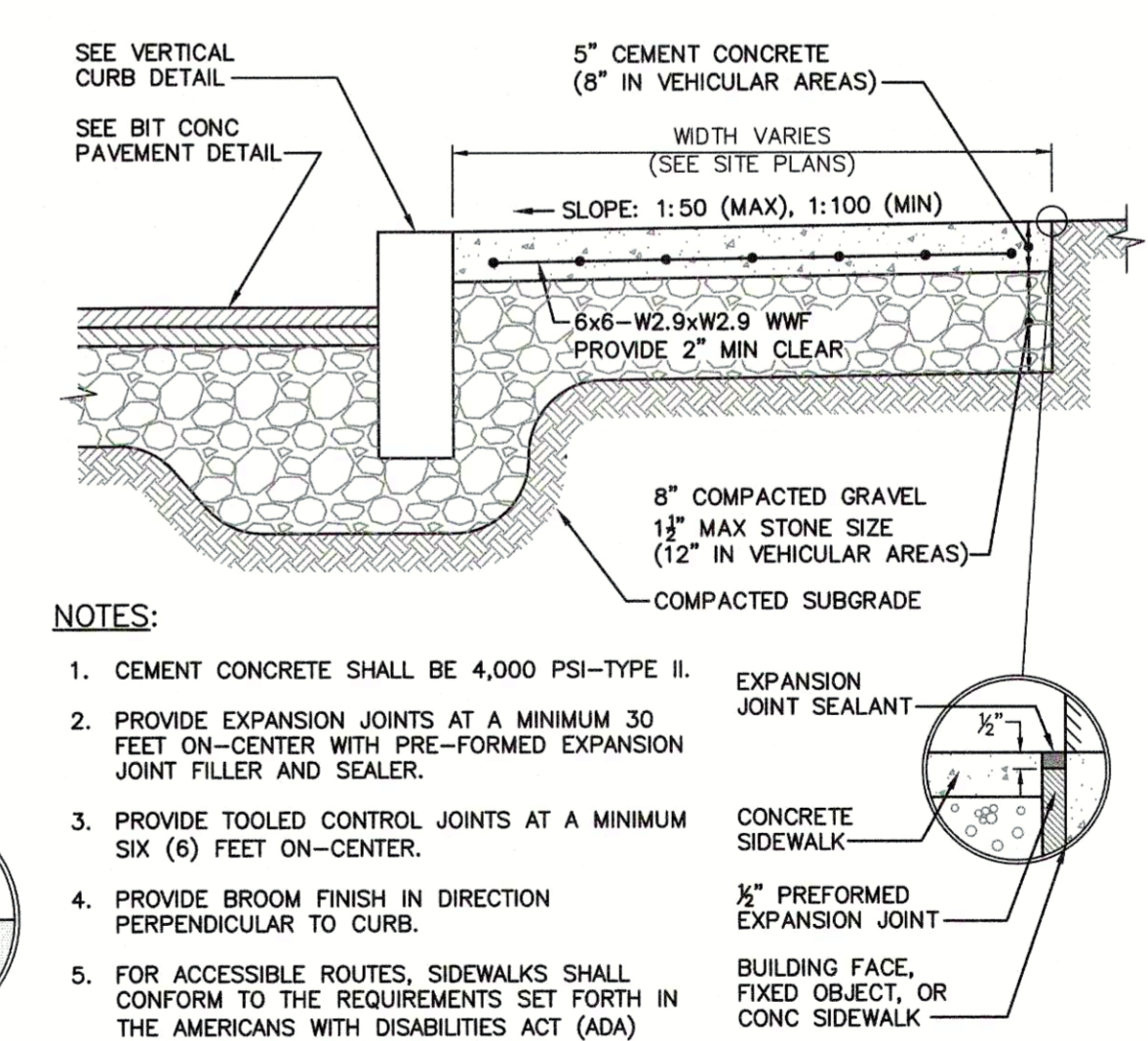


3-POLE STRUCTURE DETAIL
N.T.S.



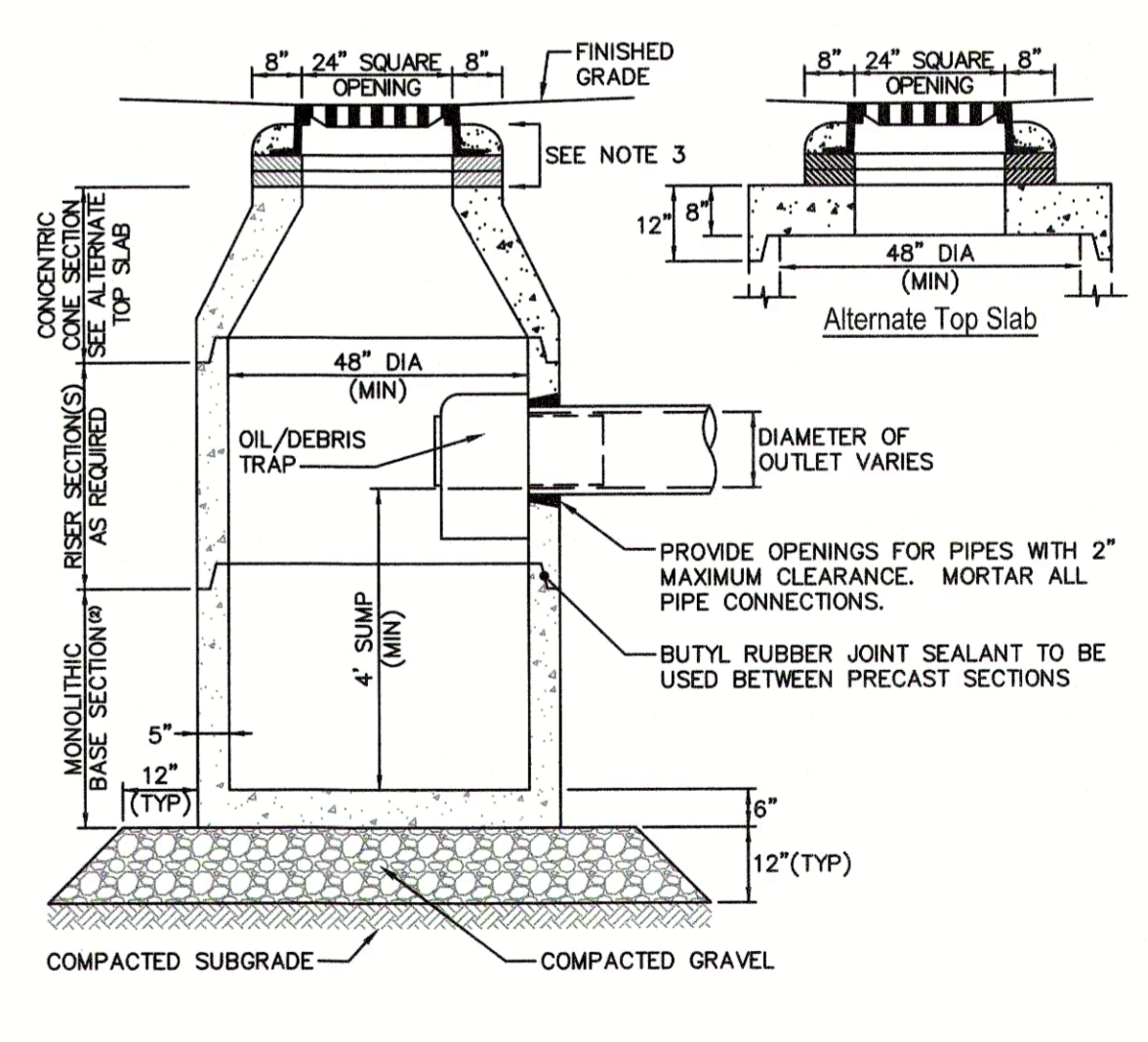
CONCRETE PAVEMENT
N.T.S.

- NOTES:**
- PAVEMENT SECTIONS ARE PRELIMINARY AND ARE SUBJECT TO CHANGE BASED ON THE RESULTS OF GEOTECHNICAL INVESTIGATIONS. FINAL CONCRETE PAVEMENT SECTION SHALL CONFORM WITH GEOTECHNICAL RECOMMENDATIONS.
 - CEMENT CONCRETE SHALL BE 4,000 PSI-TYPE II.
 - PROVIDE EXPANSION JOINTS AT A MINIMUM 30 FEET ON-CENTER WITH PRE-FORMED EXPANSION JOINT FILLER AND SEALER.
 - PROVIDE TOOLED CONTROL JOINTS AT A MINIMUM SIX (6) FEET ON-CENTER.
 - PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.



CONCRETE SIDEWALK
N.T.S.

- NOTES:**
- CEMENT CONCRETE SHALL BE 4,000 PSI-TYPE II.
 - PROVIDE EXPANSION JOINTS AT A MINIMUM 30 FEET ON-CENTER WITH PRE-FORMED EXPANSION JOINT FILLER AND SEALER.
 - PROVIDE TOOLED CONTROL JOINTS AT A MINIMUM SIX (6) FEET ON-CENTER.
 - PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
 - FOR ACCESSIBLE ROUTES, SIDEWALKS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN.
 - FOR ACCESSIBLE ROUTES, THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE GREATER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE GREATER THAN 1:50 OR LESS THAN 1:100.
 - FOR ACCESSIBLE ROUTES, WHERE THE SIDEWALK IS LESS THAN FIVE (5) FEET IN WIDTH, EXCLUDING CURBING, A 5' X 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
 - FOR ACCESSIBLE ROUTES, A MINIMUM CLEARANCE OF THREE (3) FEET SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE; HYDRANTS, UTILITY POLES, SIGN POSTS, ETC.



SINGLE CATCH BASIN (SCB) WITH OIL / DEBRIS TRAP
N.T.S.

- CONSTRUCTION NOTES:**
- STRUCTURE TO BE PRECAST CONCRETE, MINIMUM 4,000 PSI. ALL SECTIONS TO BE DESIGNED TO MEET OR EXCEED HS-20 LOADING.
 - BASE TO BE SINGLE POUR MONOLITHIC SECTION.
 - FRAME AND GRATE TO BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR. MAXIMUM OF FIVE BRICK COURSES.

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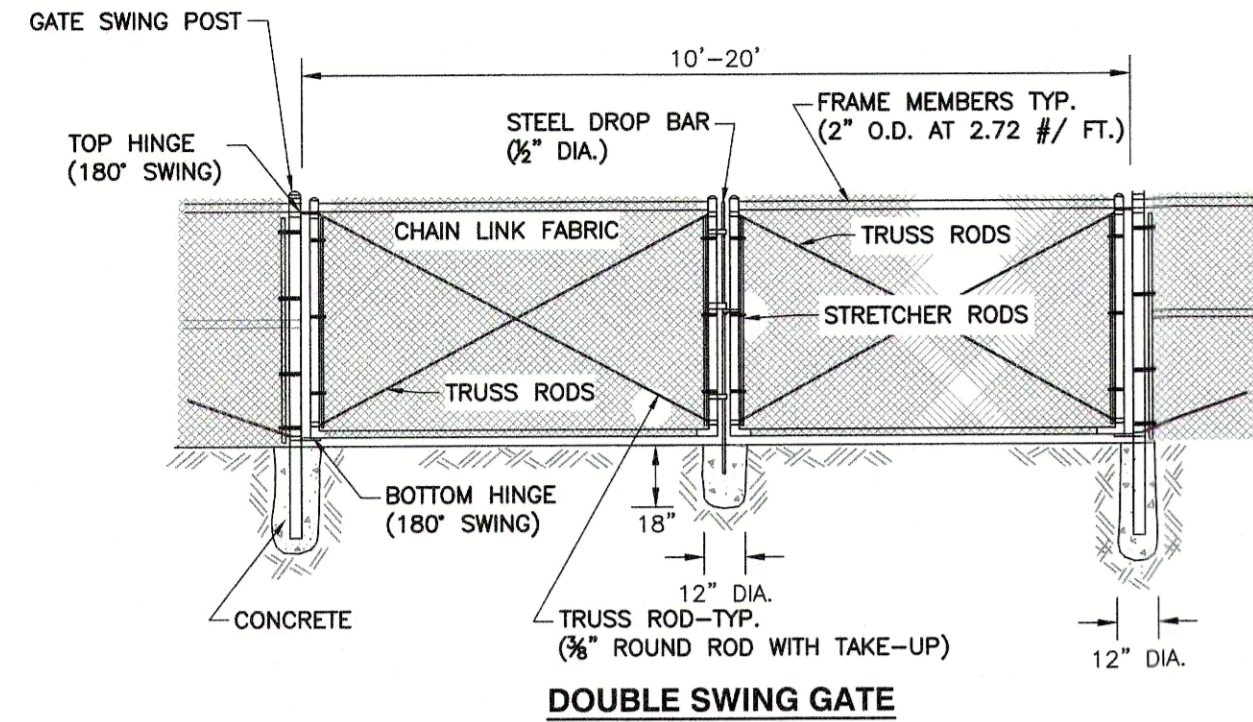
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DETAIL SHEET 1

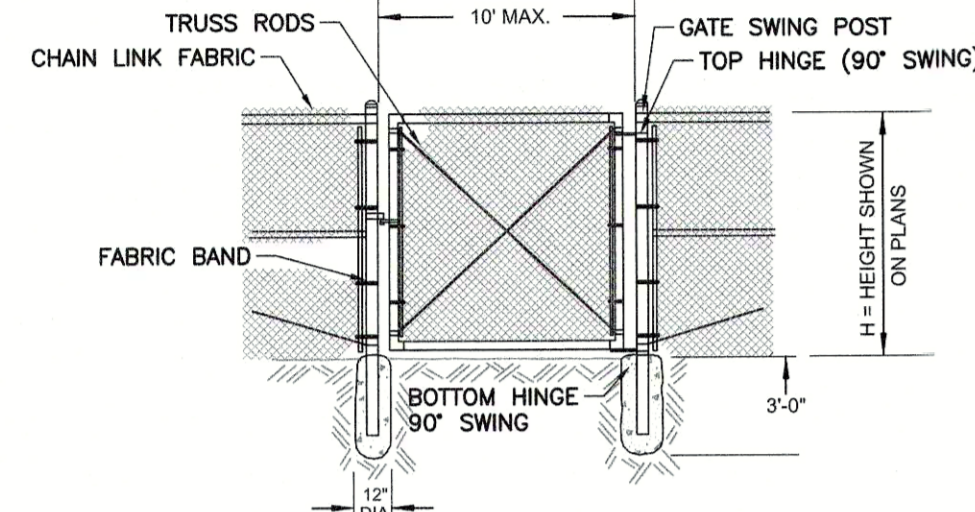
C800

SHEET 11 OF 13

DATE: OCTOBER 11, 2023
DRAWN BY: KJ
DWG SCALE: NOT TO SCALE
PROJECT NO.: 323-322
APPROVED BY: DRAFT



DOUBLE SWING GATE

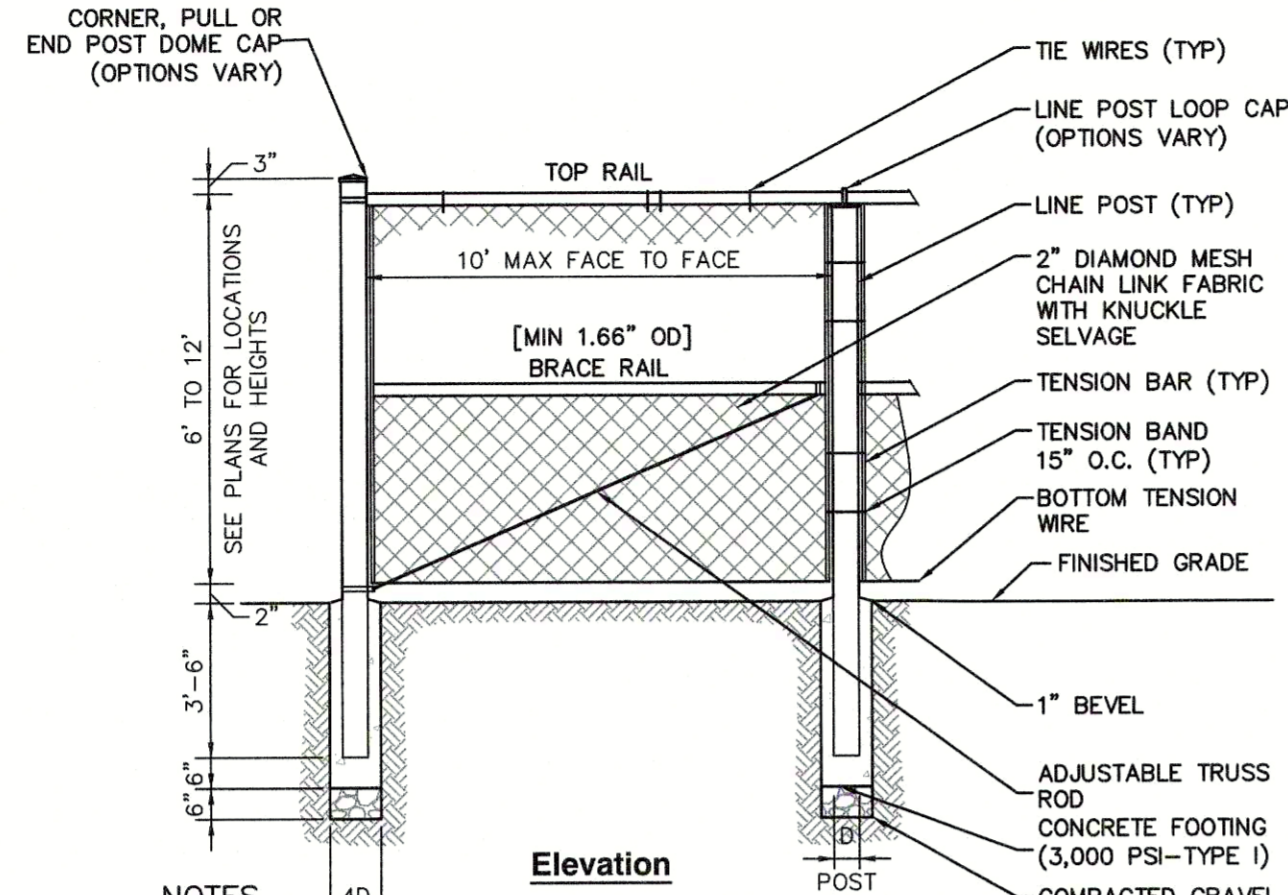


SINGLE GATE

GATE SWING POST DIA. GATE SIZE	PIPE DIA.
6' AND LESS	3" O.D. - 5.79 LBS./FT.
6' - 10'	4" O.D. - 9.10 LBS./FT.

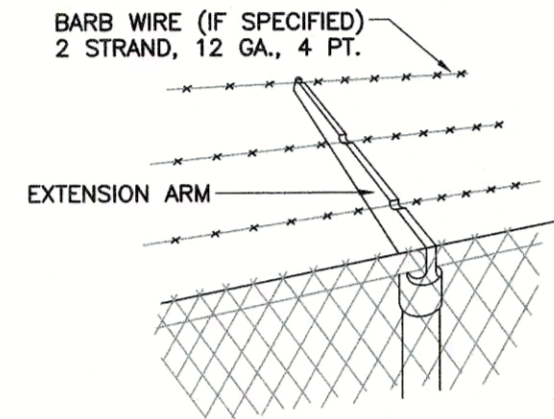
CHAIN LINK GATES

N.T.S.



Elevation

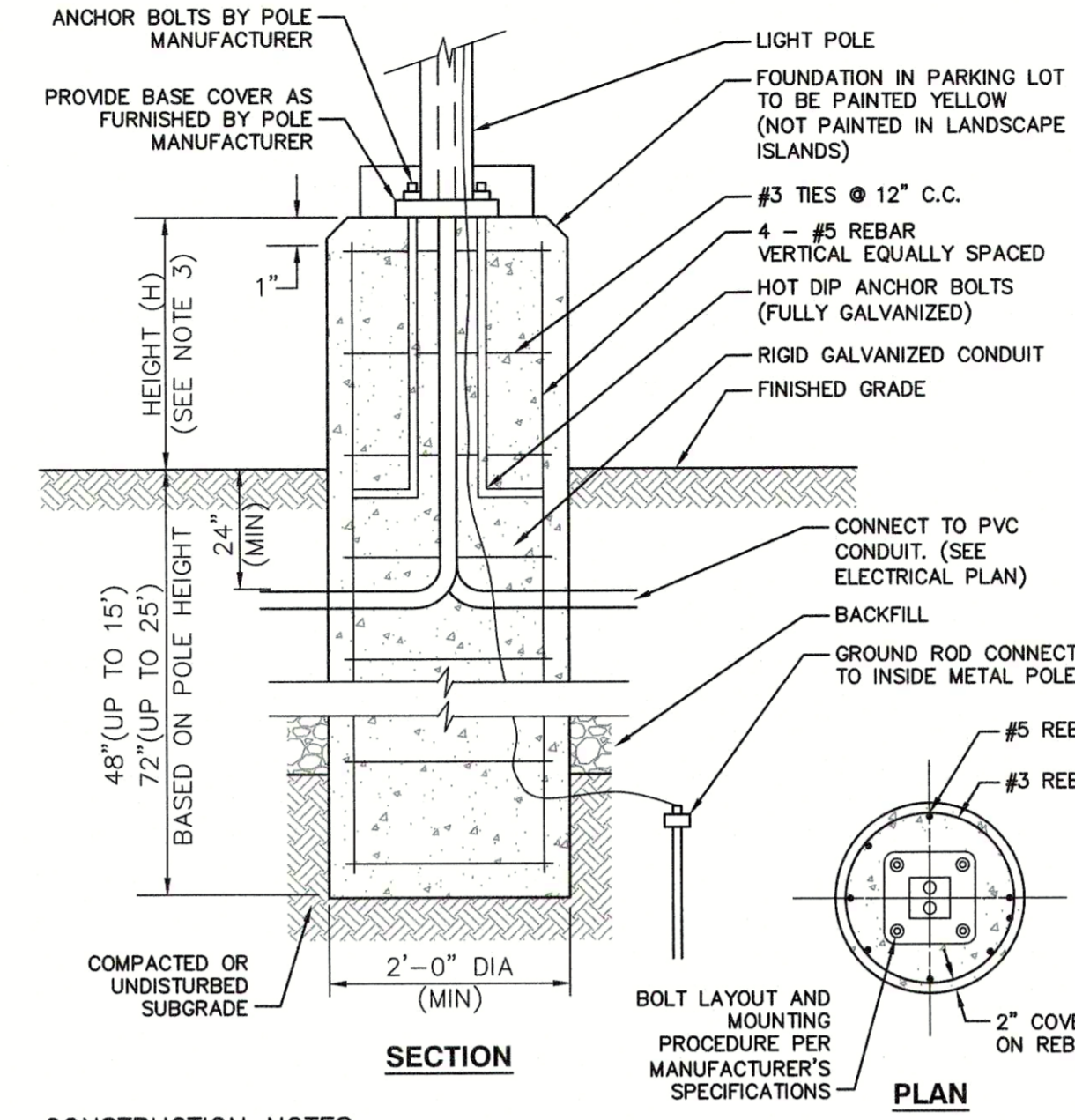
- NOTES**
- FENCE TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND THE CHAIN LINK FENCE MANUFACTURERS INSTITUTE PRODUCT MANUAL.
 - POSTS SHALL MAINTAIN A MINIMUM DEPTH OF 3'-6" IN GROUND AND SHALL NOT BE RACKED TO ACCOMMODATE CHANGES IN GRADE.
 - LINE OF FENCE, TOP AND BOTTOM, SHALL BE INSTALLED STRAIGHT AND TRUE. POSTS SHALL BE INSTALLED PARALLEL AND PLUMB. RAILS SHALL BE INSTALLED PARALLEL TO GROUND SURFACE AND EACH OTHER.



EXTENSION ARM & BARBED WIRE

6'-12' CHAIN LINK FENCE

N.T.S.



SECTION

PLAN

CONSTRUCTION NOTES

- LIGHT POLE FOUNDATION DESIGN IS SUBJECT TO CHANGE BASED ON FINAL POLE HEIGHT AND FIXTURE SELECTION AND GEOTECHNICAL SITE INVESTIGATIONS.
- LIGHT POLE FOUNDATION TO BE PRECAST CONCRETE, MINIMUM 4,000 PSI. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC.
- HEIGHT (H) OF FOUNDATION ABOVE FINISHED GRADE TO BE 6 INCHES IN LANDSCAPED AREAS, 30 INCHES IN VEHICULAR AREAS, AND FLUSH IN SIDEWALKS.

LIGHTPOLE FOUNDATION DETAIL

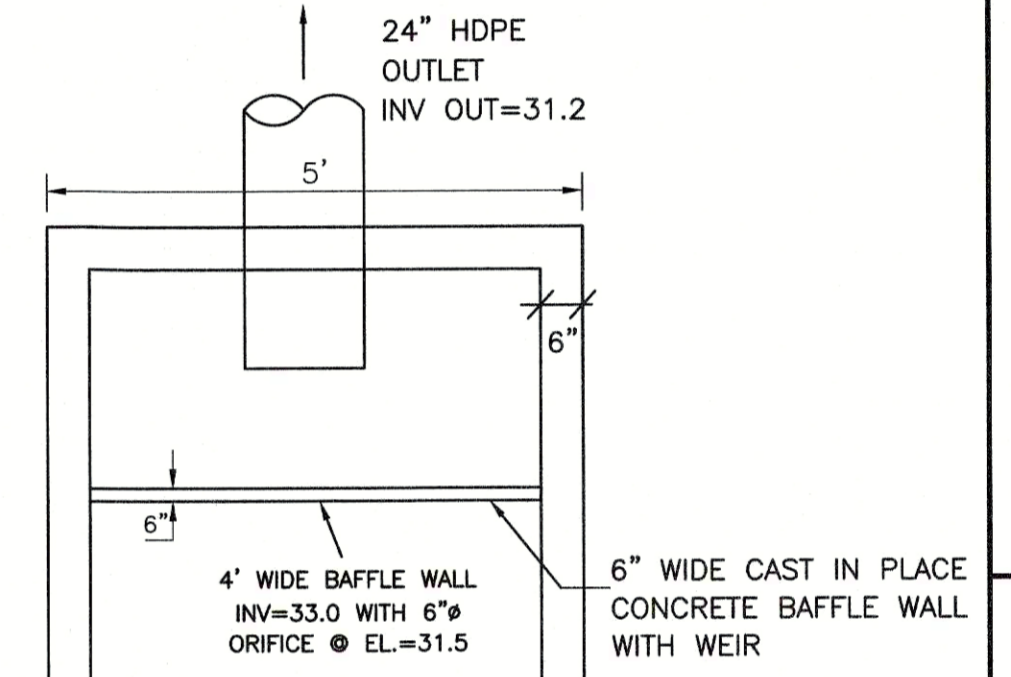
N.T.S.

NOTES:

- MODEL AND TYPE OF WALL PACKS TO DETERMINED APPROVED BY EVERSOURCE/ LOCAL APPROVAL AGENCY.
- WALL PACKS SHOWN AT FRONT OF BUILDING SHALL BE PLACE ABOVE FRONT ENTRANCE CANOPY AREA.

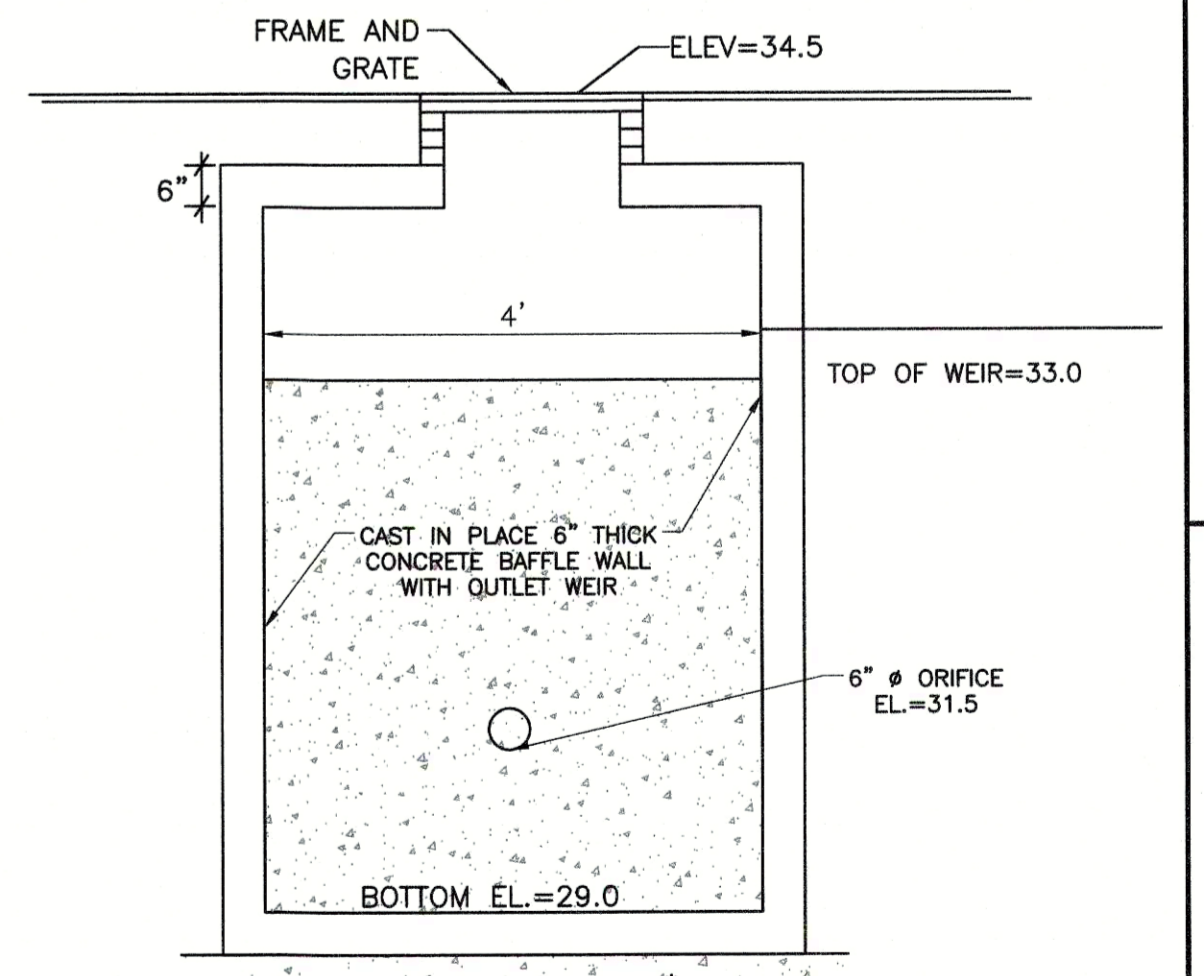
LED WALL PACK DETAIL

N.T.S.



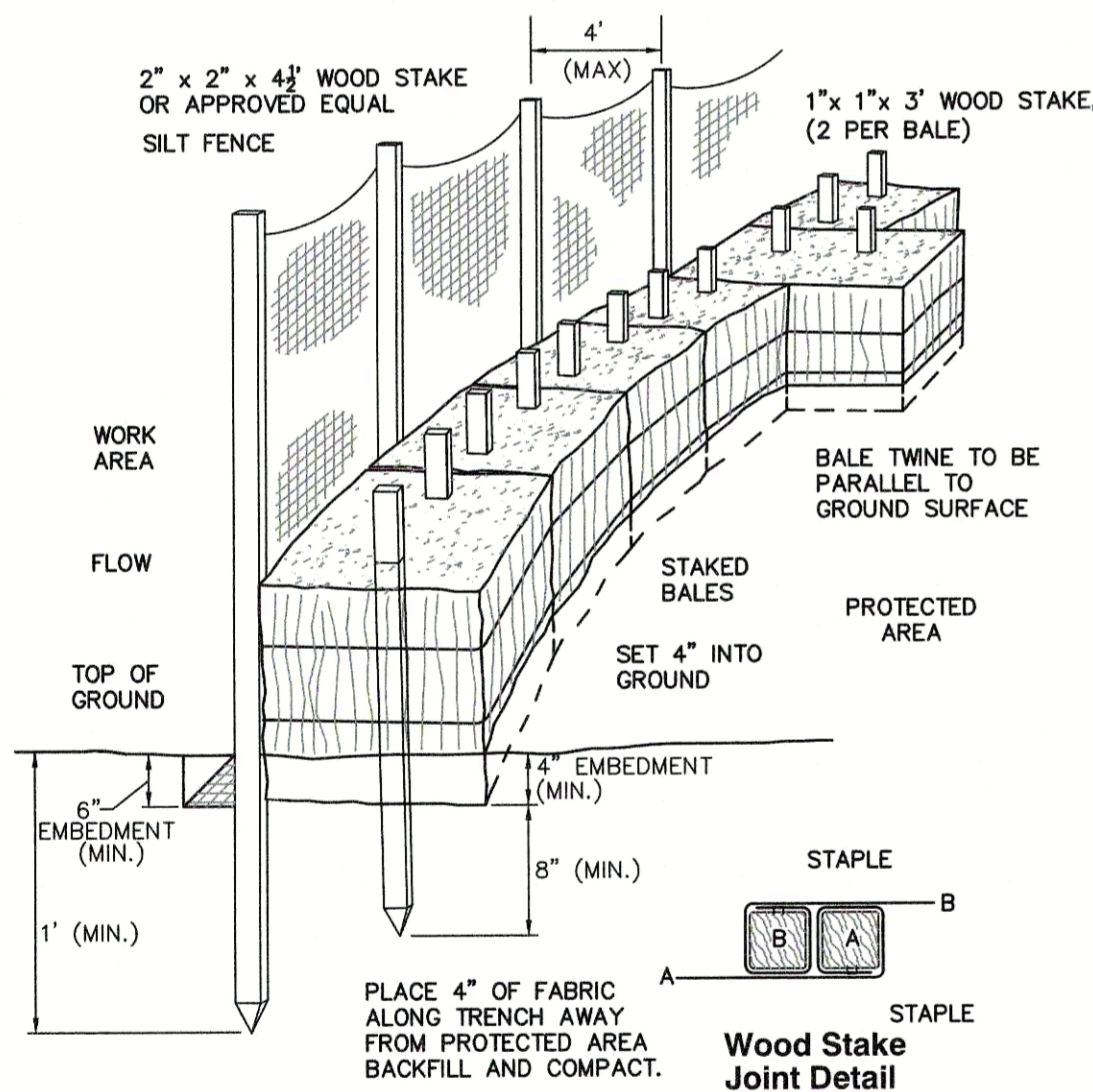
OUTLET CONTROL STRUCTURE PLAN VIEW

(NOT TO SCALE)



OUTLET CONTROL STRUCTURE

(NOT TO SCALE)

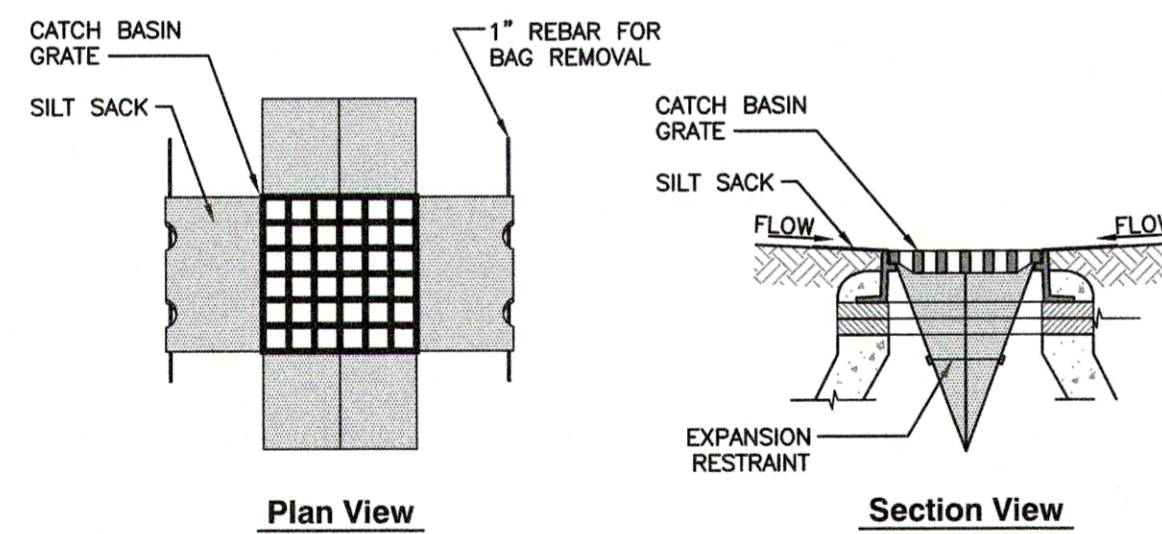


CONSTRUCTION NOTES

- PLACE ONE STRAW BALE PERPENDICULAR ALONG STRAW BALE BARRIER (100' O.C.)

SILT FENCE/STRAW BALE BARRIER

N.T.S.



Plan View

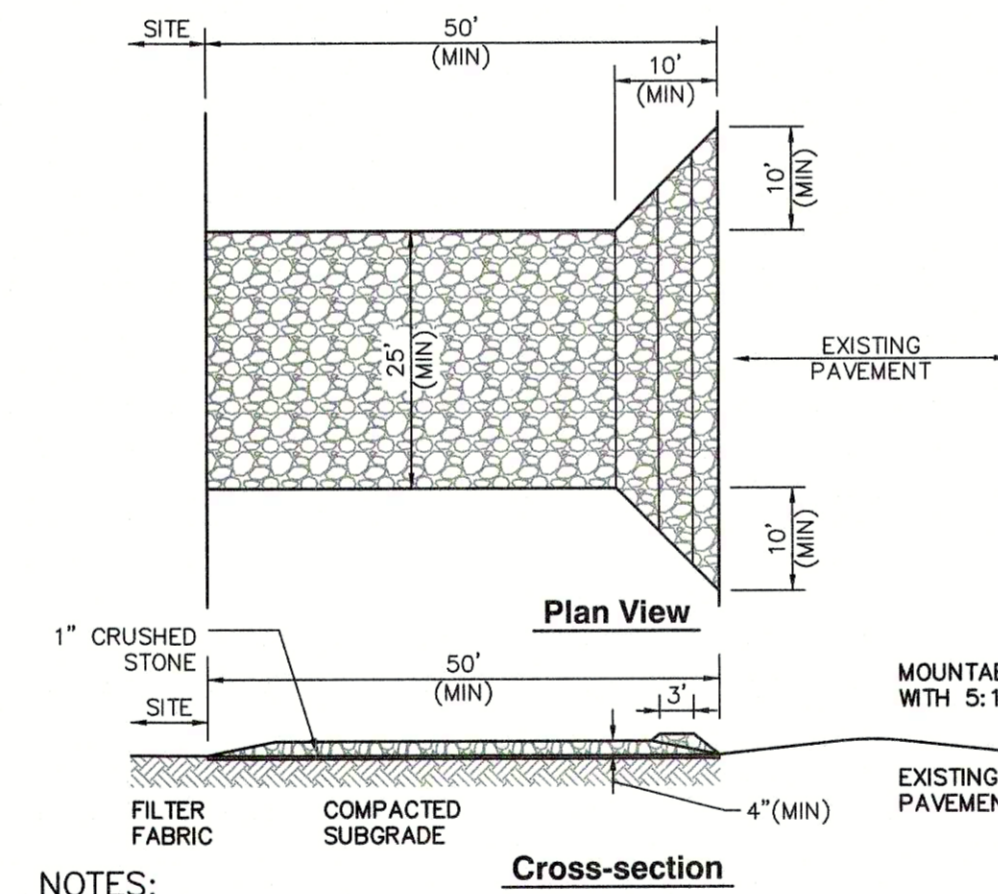
Section View

CONSTRUCTION NOTES

- INSTALL SILT SACKS IN ALL CATCH BASINS WHERE INDICATED ON THE SITE PLANS BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER THE BINDER COURSE IS PLACED AND EROSION CONTROL BARRIERS HAVE BEEN REMOVED.
- GRATE TO BE PLACED OVER SILT SACK.
- SILT SACKS SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS. CLEANING OR REPLACEMENT SHALL BE PERFORMED AS NEEDED. MAINTAIN SILT SACKS UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED.

SILT SACK INLET PROTECTION

N.T.S.



Plan View

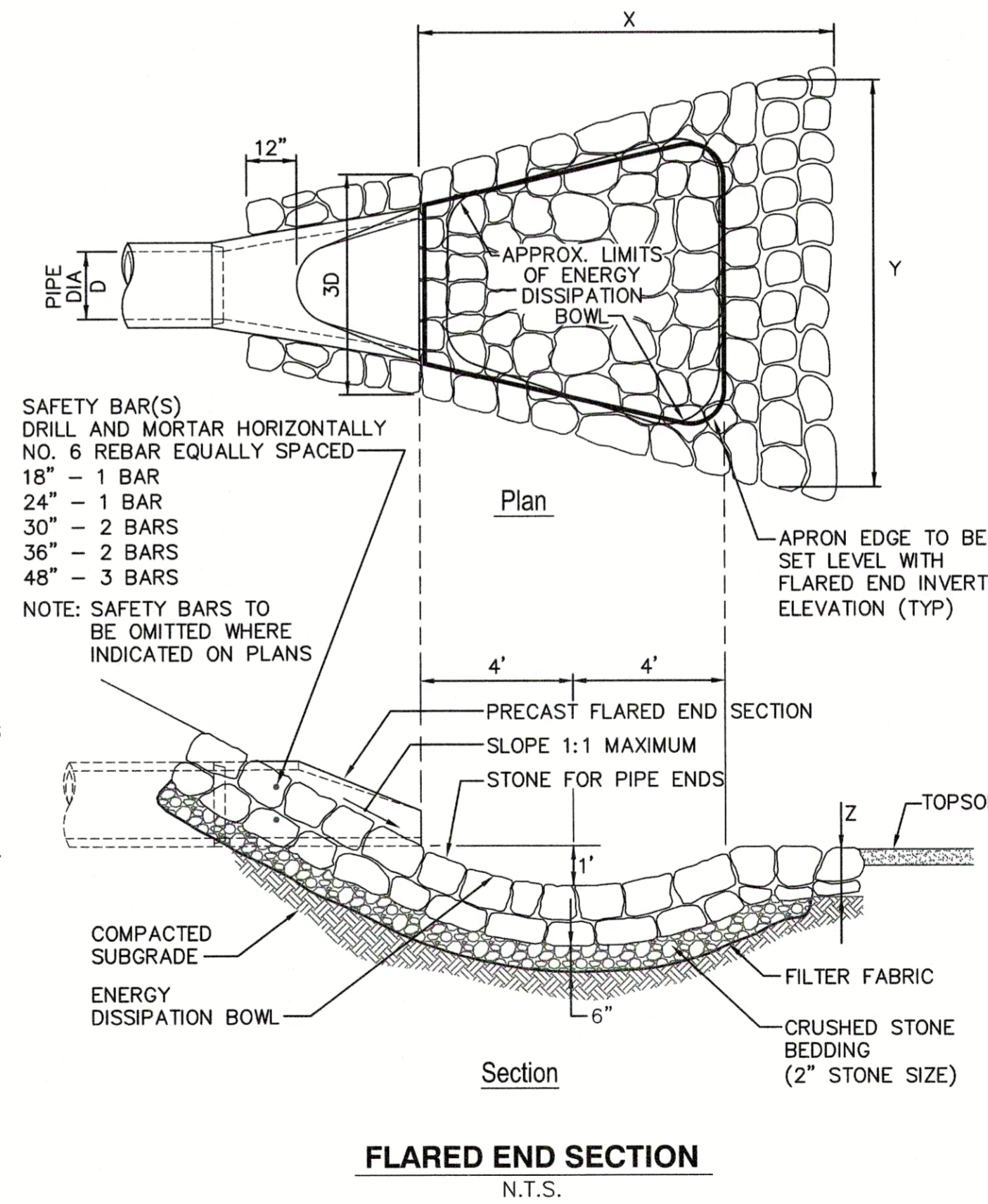
Cross-section

NOTES:

- ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
- STABILIZED CONSTRUCTION ENTRANCE SHALL BE REMOVED PRIOR TO FINAL FINISHED MATERIALS BEING INSTALLED.

STABILIZED CONSTRUCTION EXIT

N.T.S.

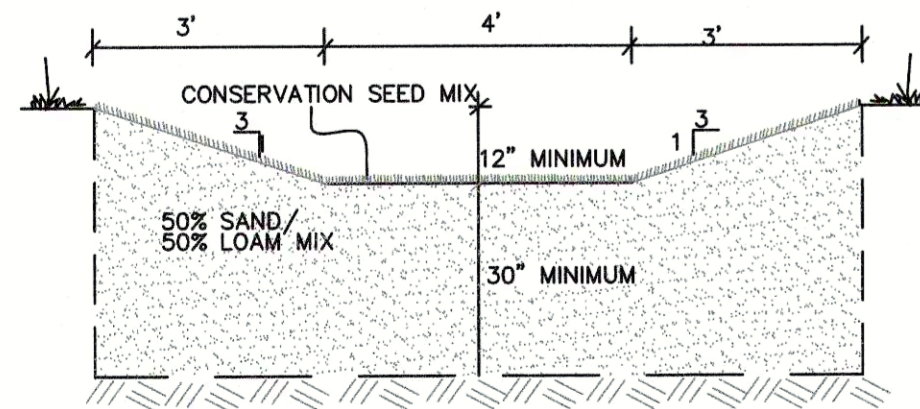


Plan

Section

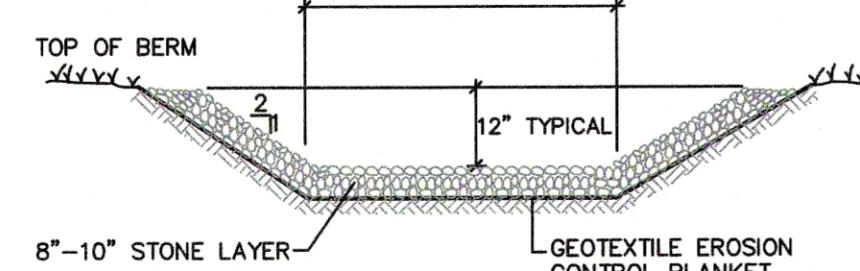
FLARED END SECTION

N.T.S.



GRASSED WATER QUALITY SWALE

NOT TO SCALE



SPILLWAY DETAIL

NOT TO SCALE

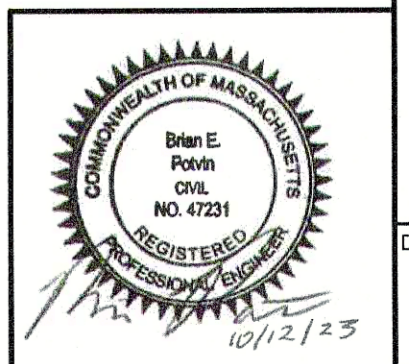
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WAREHAM, MASSACHUSETTS

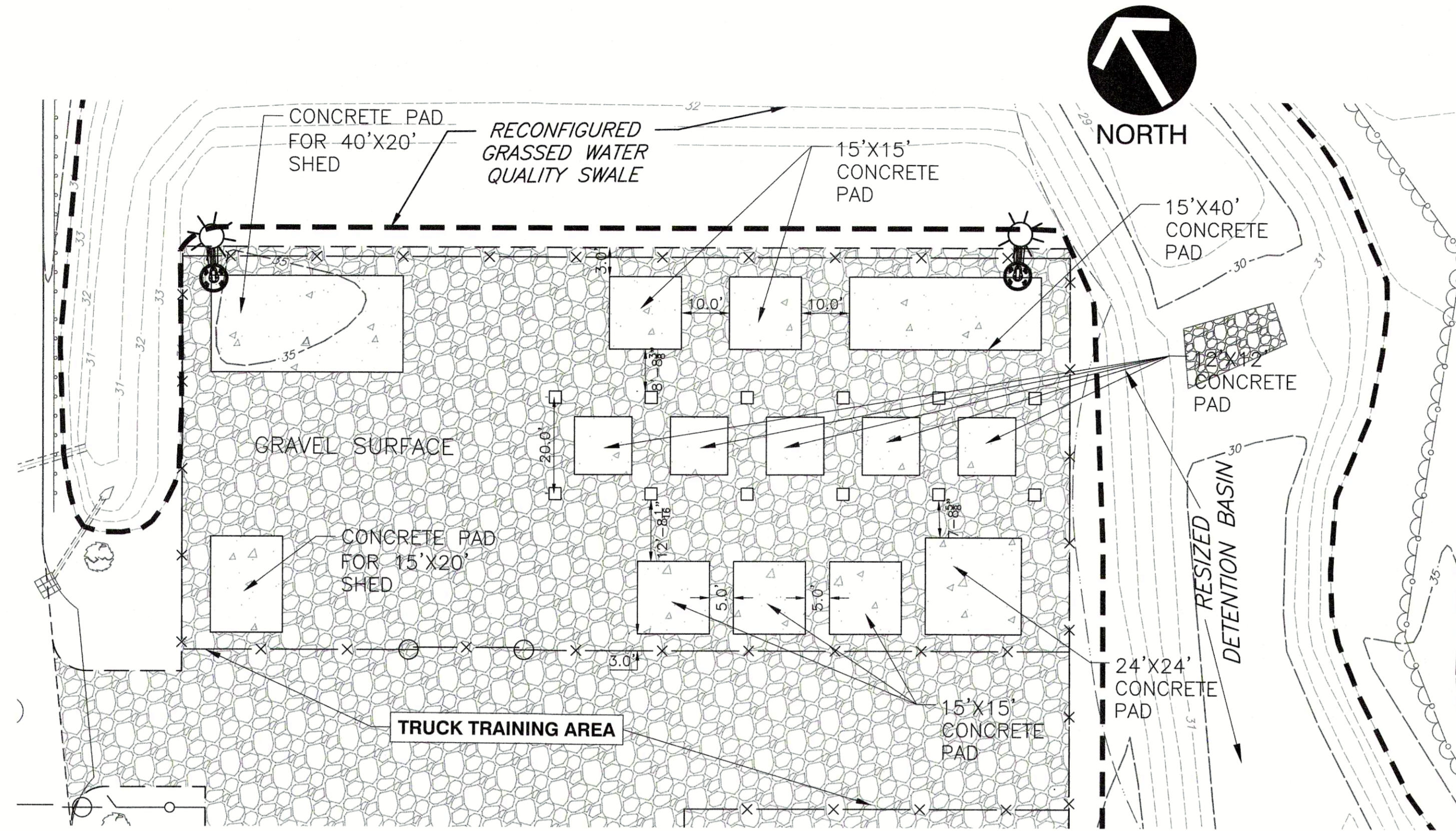
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DETAIL SHEET 2

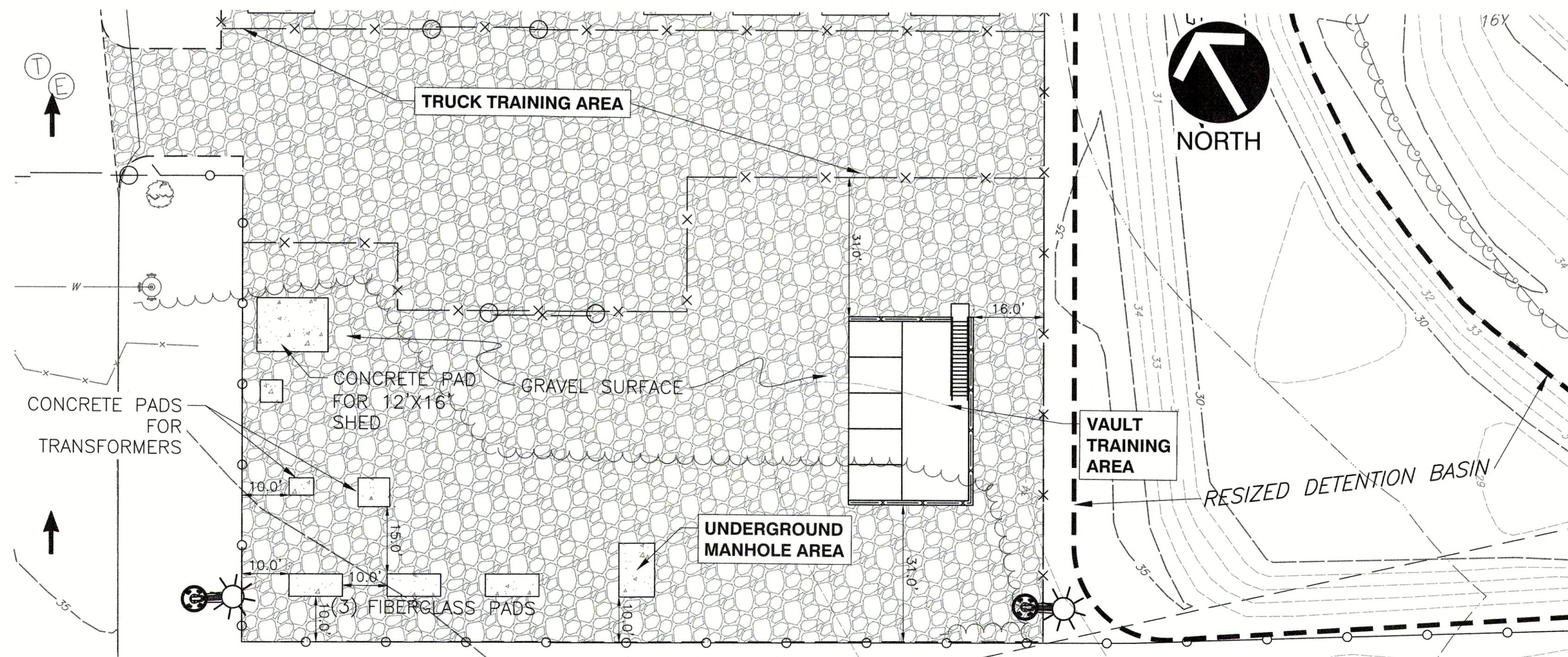
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PROJECT NO.:	323-322	APPROVED BY:	DRAFT



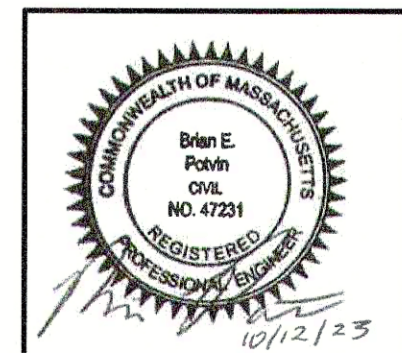
DRAWING NO.: **C801**



SUBSTATION TRAINING AREA DETAIL
SCALE: 1"=20'



UNDERGROUND TRAINING AREA DETAIL
SCALE: 1"=20'



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DETAIL SHEET 3

DATE: OCTOBER 11, 2023
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DWG SCALE: AS SHOWN
CHECKED BY: [Signature]
PROJECT NO: 323-322
APPROVED BY: [Signature]

DRAWING NO.: **C802**
SHEET 13 OF 13

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