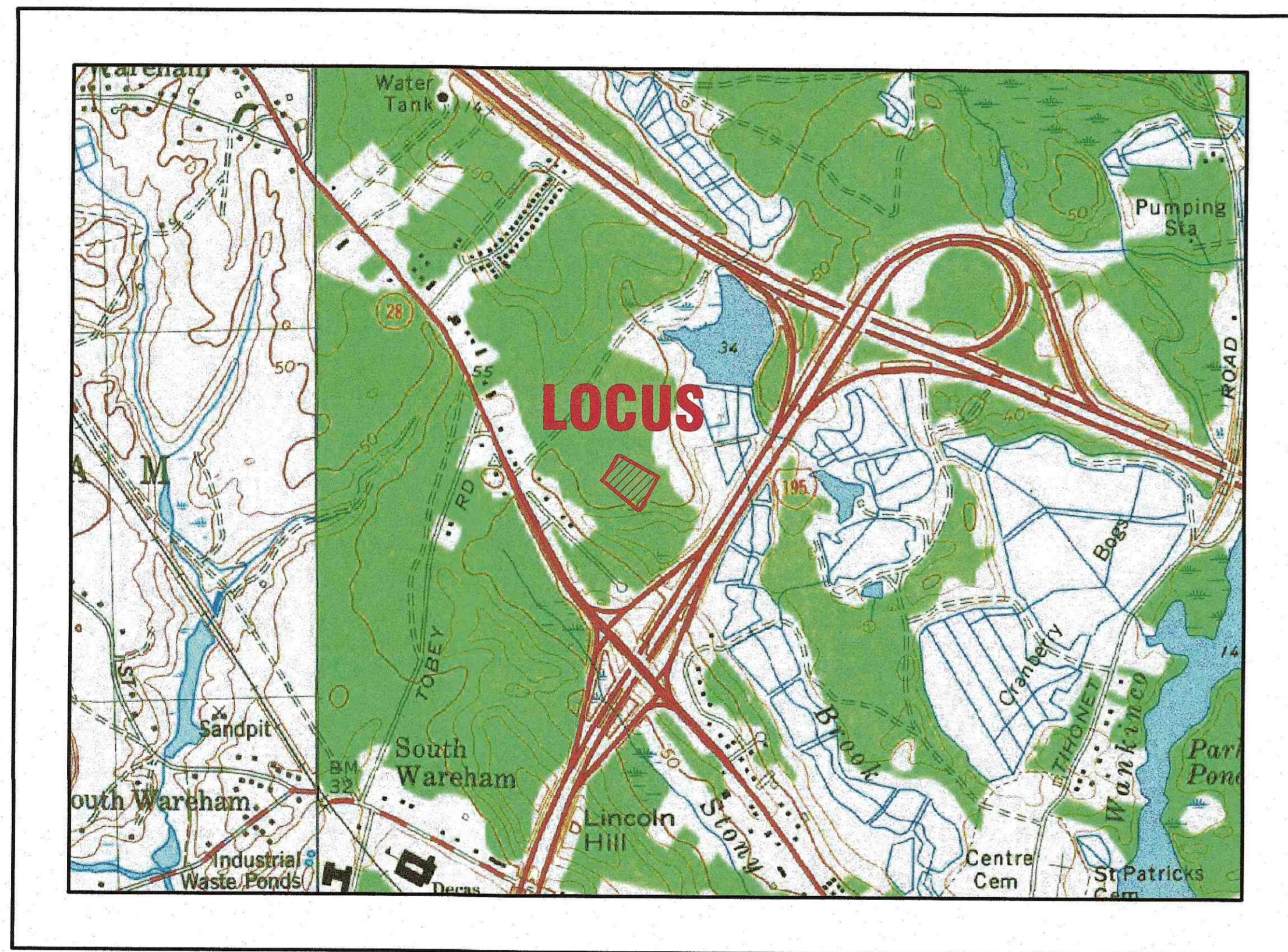


3 KENDRICK ROAD, LLC

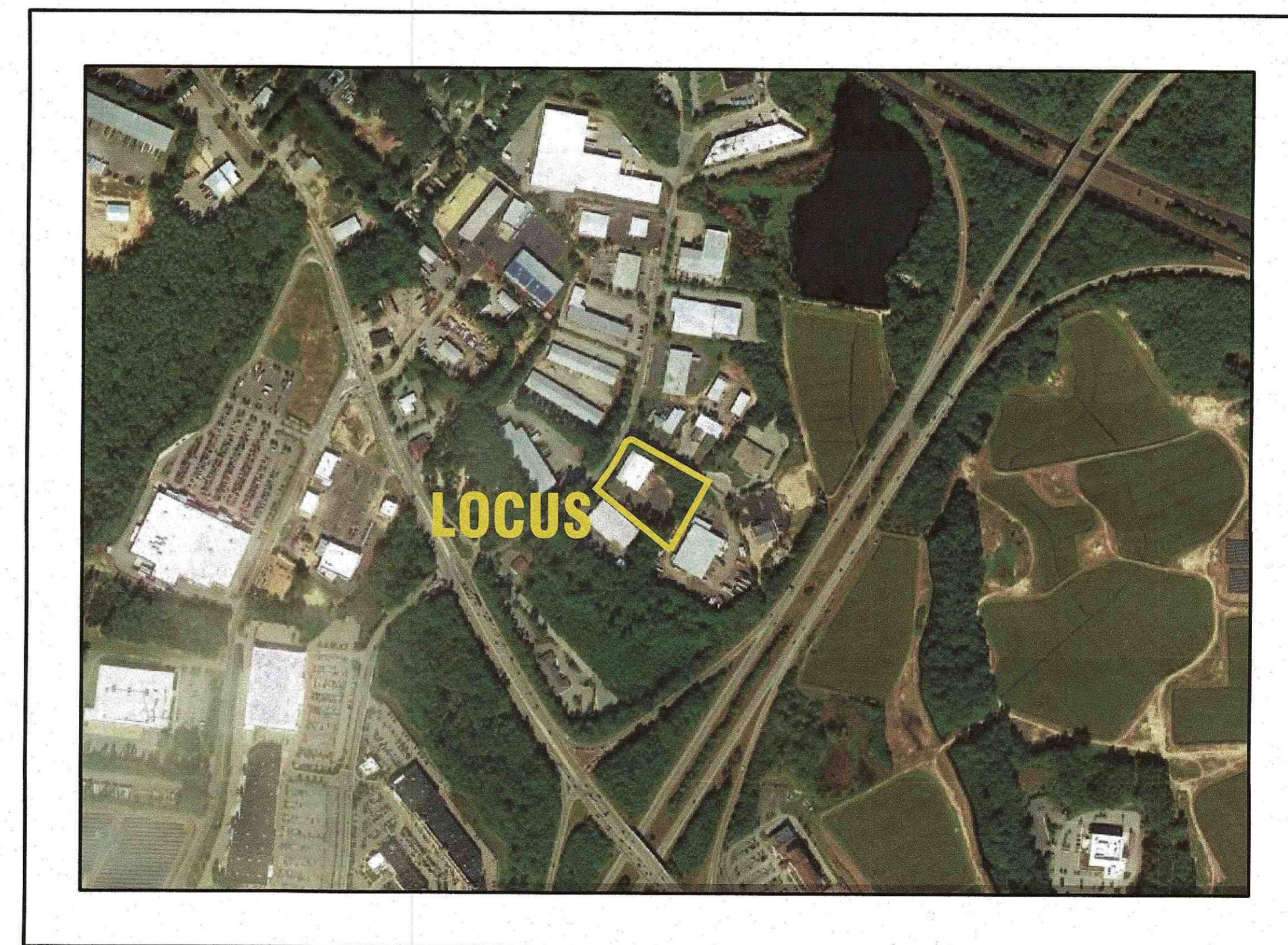
SITE IMPROVEMENTS PLAN 3 KENDRICK ROAD WAREHAM, MASSACHUSETTS

OWNER: 3 KENDRICK ROAD, LLC
P.O. BOX 1135
MARION, MA 02758

APPLICANT: 3 KENDRICK ROAD, LLC
P.O. BOX 1135
MARION, MA 02758



— U.S.G.S. LOCUS PLAN —
SCALE: 1"=1000'



— AERIAL OVERVIEW —
SCALE: 1"=500'

SITE DATA

ZONING DISTRICT: INDUSTRIAL
ASSESSOR'S MAP: 108
ASSESSOR'S LOT: 1006.C
REQUIRED LOT AREA: 30,000 S.F.
REQUIRED ROAD FRONTAGE: 150'
FRONT SETBACK: 20'
SIDE & REAR SETBACK: 10'
MAX. PRINCIPAL BUILDING HEIGHT: 50'
MAX. BUILDING COVERAGE: 50%
MAX. LOT COVERAGE: 70%
WATER SUPPLY: TOWN WATER
SANITARY SEWER: TOWN SEWER
LANDSCAPE BUFFER: 10'

ZONING DATA

ZONING TABLE	ALLOWED	EXISTING	PROVIDED
LOT AREA:	30,000 S.F.	120,294± S.F.	SAME AS EXISTING
FRONT SETBACK:	20'	48.9'	SAME AS EXISTING
SIDE SETBACK:	10'	49.6'	SAME AS EXISTING
REAR SETBACK:	10'	225.2'	125.3'
MAX. BUILDING COVERAGE:	50%	13.9%	22.0%
MAX. LOT COVERAGE:	70%	38.7%	50.1%

PARKING DATA:

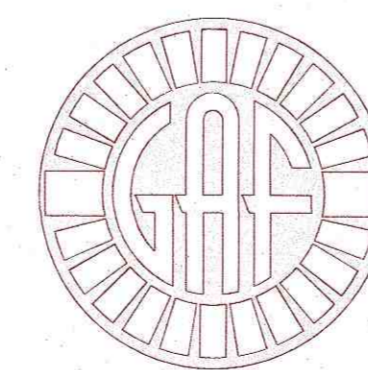
REQUIRED: 1 SPACE PER 250 S.F. G.F.A. (OFFICE)
5,500 S.F./250 S.F.= 22 SPACES
REQUIRED: 1 SPACE PER 1.5 EMPLOYEES ON LARGEST
SHIFT PLUS 1 PER VEHICLE STORED ON PREMISES.
PROPOSED NUMBER OF EMPLOYEES=20
NUMBER OF PARKING SPACES REQUIRED=14
TOTAL PARKING SPACES REQUIRED=36
TOTAL PROVIDED=40

PLAN INDEX:

SHEET NO.	DESCRIPTION:
1	COVER SHEET
2	GENERAL NOTES & LEGEND
3	EX. CONDITIONS & DEMOLITION PLAN
4	LAYOUT & UTILITIES
5	GRADING & DRAINAGE
6	EROSION CONTROL PLAN
7	LANDSCAPING PLAN
8	DETAIL SHEET 1
9	DETAIL SHEET 2
A-1	DETAIL SHEET 3
	ARCHITECTURAL ELEVATIONS

FLOOD ZONE DATA:

THE PROJECT IS WITHIN FLOOD ZONE X.
REFER TO THE F.E.M.A. FLOOD INSURANCE
RATE MAP PANEL NUMBER 25023C0488K,
DATED: JULY 6, 2021.



G.A.F. ENGINEERING, INC.
PROFESSIONAL ENGINEERS & LAND SURVEYORS
266 MAIN STREET, WAREHAM, MA 02571
TEL: (508) 295-6600 FAX: (508) 295-6634
E-MAIL: info@gafenginc.com

FEBRUARY 10, 2022

DATE: FEB. 10, 2022	DRAWN BY: JWP	CHECKED BY: WFM	JOB NO.: 21-9731	SCALE: AS NOTED	REV.	DATE	BY	DESCRIPTION
					1	4/28/22	JWP	WFM
								NO CHANGE THIS SHEET
								APPD
APPROVED BY:								
G.A.F. ENGINEERING, INC. PROFESSIONAL ENGINEERS & LAND SURVEYORS 266 MAIN STREET - WAREHAM, MA 02571 TEL: (508) 295-6600 FAX: (508) 295-6634 E-MAIL: info@gafenginc.com								
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SITE IMPROVEMENTS PLAN		WAREHAM, MA						
COVER SHEET		3 KENDRICK ROAD						
PREPARED FOR:		3 KENDRICK ROAD, LLC						
JOB NO.:		21-9731						
DWG.		1 OF 10						
PERMIT SET		(NOT FOR CONSTRUCTION)						

GENERAL NOTES:

- 1. ALL UNDERGROUND UTILITIES SHOWN OR NOT SHOWN WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS AND IN PART FROM FIELD SURVEY AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD. BEFORE EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION, OR REPAIRING, ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE MGL CHAPTER 370, ACTS OF 1963. CONTRACTORS MUST CALL DIG-SAFE AT (1-888-DIG-SAFE OR 811) G.A.F. ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.

CONSTRUCTION NOTES:

- 1. IN GENERAL, THE PLANS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EVERY FITTING, CHANGE IN DIRECTION OR DETAIL OF CONSTRUCTION.
- 2. THE LOCATION OF UTILITIES WERE OBTAINED FROM VARIOUS SOURCES OF INFORMATION. THE EXACT LOCATION AND COMPLETENESS IS NOT GUARANTEED. THE CONTRACTOR MUST NOTIFY DIG SAFE PRIOR TO THE START OF CONSTRUCTION (1-888-DIG-SAFE OR 811). G.A.F. ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.

EROSION CONTROL NOTES:

- 1. THE SITE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SUITABLE EROSION AND SEDIMENTATION CONTROL DEVICES ON SITE DURING CONSTRUCTION AS REQUIRED TO PREVENT SILT FROM LEAVING THE SITE. SILT WILL NOT BE ALLOWED BEYOND CONSTRUCTION LIMITS. ADDITIONAL PROTECTION: ON-SITE PROTECTION MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNFORESEEN CONDITIONS OR ACCIDENTS.
- 2. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE SUFFICIENT EROSION AND SEDIMENT CONTROL, ADDITIONAL CONTROL MEASURES SHALL BE IMPLEMENTED. CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING EROSION CONTROL DEVICES WHICH BECOME INEFFECTIVE.

PERMIT SET (NOT FOR CONSTRUCTION)

DRAINAGE OPERATION AND MAINTENANCE SCHEDULE:

- THE OPERATION AND MAINTENANCE (O&M) SCHEDULE DURING THE CONSTRUCTION PERIOD IS THE RESPONSIBILITY OF THE CONTRACTOR. THE OUTLINE BELOW SHALL BE FOLLOWED TO ENSURE THE PROPER CONSTRUCTION AND FUNCTION OF THE DRAINAGE FACILITIES.
- 1. IN CONJUNCTION WITH THE SITE CONSTRUCTION, ALL DRAINAGE STRUCTURES SHALL BE INSTALLED AND THE AFFECTED AREAS STABILIZED (LOAM AND SEED, HYDROSEED, PLANTED, RIP-RAP, ETC.). PERMANENT STABILIZATION OF THESE AREAS SHALL BE STARTED AS SOON AS POSSIBLE.

POST-CONSTRUCTION OPERATION AND MAINTENANCE PLAN:

- UPON THE COMPLETION OF CONSTRUCTION, MAINTENANCE SHALL BE CONDUCTED BY THE OWNER OR OWNER'S AGENT ON THE SITE. THE FOLLOWING SHALL BE CARRIED OUT BY THE RESPONSIBLE PARTY AND SHALL BE ADHERED TO ENSURE THE PROPER OPERATION OF THE DRAINAGE FACILITIES.
- 1. PARKING LOT SWEEPING IS AN EFFECTIVE NONSTRUCTURAL SOURCE CONTROL THAT WILL REMOVE SEDIMENT FROM PAVED SURFACES. PARKING LOT SWEEPING SHOULD BE DONE BY THE USE OF A HIGH EFFICIENCY VACUUM SWEEPER OR REGENERATIVE AIR SWEEPER. PARKING LOT SWEEPING SHALL BE DONE TWICE PER YEAR. ONCE REMOVED FROM PAVED SURFACES, THE SWEEPINGS MUST BE HANDLED AND DISPOSED OF PROPERLY IN ONE OF THE WAYS APPROVED BY MASSDEP (SEE POLICY # BAW-18-001: REUSE & DISPOSAL OF STREET SWEEPINGS).

DRAINAGE INSTALLATION NOTES:

- 1. ALL DRAINAGE PIPES, UNLESS OTHERWISE NOTED, ARE TO BE ADS N-12 PIPE WITH SOIL TIGHT JOINTS AND FITTINGS. REFER TO PLAN FOR LOCATION, SIZES AND SLOPES.
- 2. ALL ROOF DRAIN PIPES, UNLESS OTHERWISE NOTED, ARE TO BE 6" ADS N-12 PIPE WITH SOIL TIGHT JOINTS AND FITTINGS. MINIMUM SLOPE TO BE 1.00% REFER TO PLAN FOR LOCATIONS.
- 3. MINIMUM COVER ON PIPES SHALL NOT BE LESS THAN 1.5 FEET.

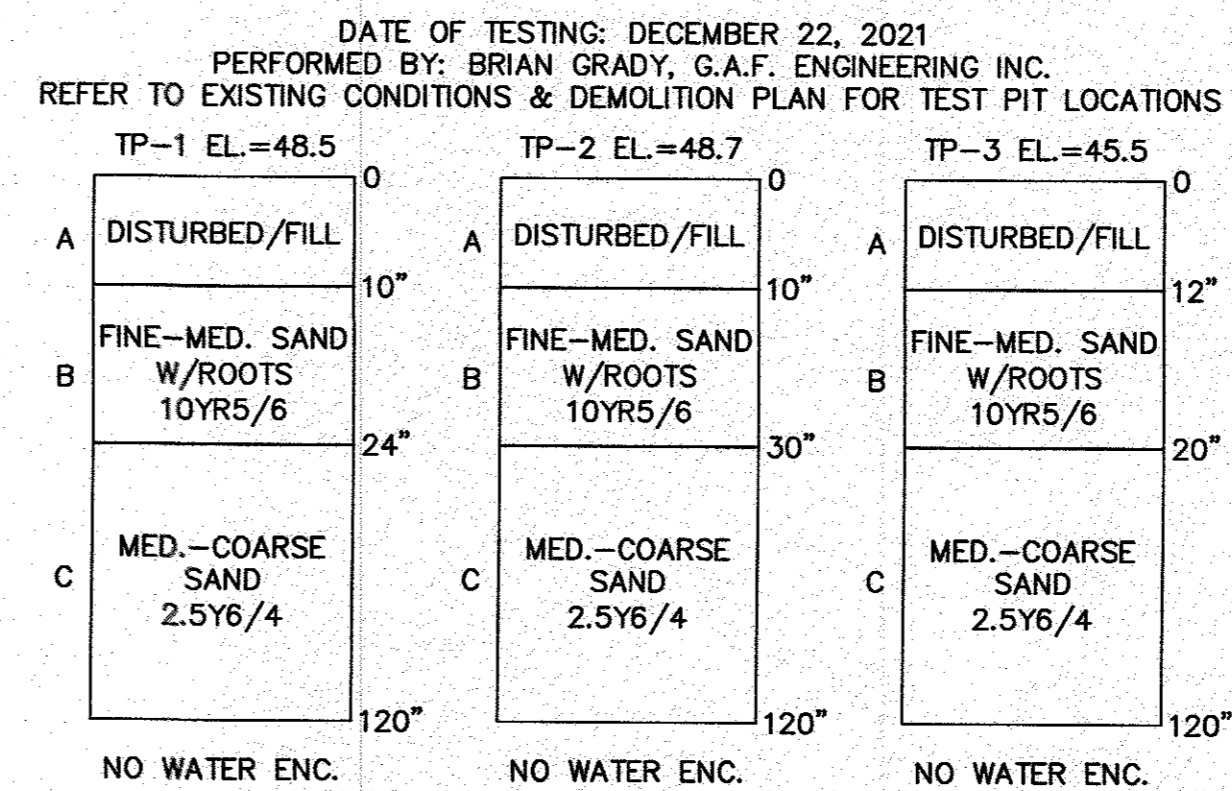
DEMOLITION NOTES:

- 1. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE HIS/HER OWN DETERMINATION OF SUBSURFACE CONDITIONS, INCLUDING THE LOCATION OF ROCK AND THE ACTUAL LOCATION OF UTILITIES OR OTHER FEATURES WHICH MAY AFFECT HIS/HER WORK. ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION WILL BE REPORTED TO THE ENGINEER OF RECORD FOR RESOLUTION AND CONSTRUCTION METHOD.
- 2. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND APPARATUS NECESSARY AND SHALL DO ALL WORK REQUIRED TO COMPLETE THE DEMOLITION, REMOVAL, AND ALTERATIONS OF EXISTING FACILITIES, INCLUDING PIPING SYSTEMS AND APPURTENANCES, DRAINAGE, PAVEMENT, LANDSCAPE AND SITE FEATURES ENCOUNTERED DURING THE INSTALLATION AS INDICATED ON THE DRAWINGS, AS HEREIN SPECIFIED, AND/OR AS DIRECTED BY THE DESIGN ENGINEER.

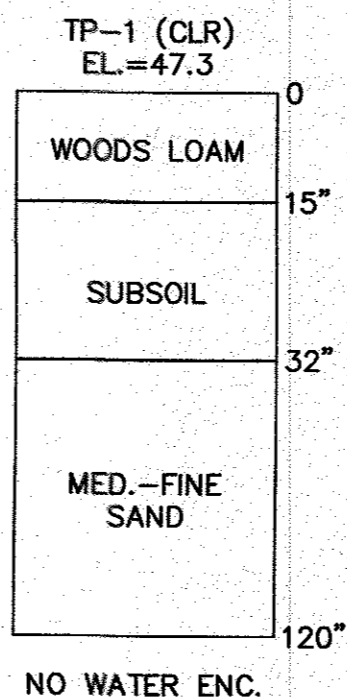
WATER INSTALLATION NOTES:

- 1. ALL WATER MAINS, SERVICES, GATE VALVES/GATE BOX, CURB STOPS, HYDRANTS, FITTINGS, ETC. & METHOD OF INSTALLATION SHALL CONFORM TO THE TOWN OF WAREHAM FIRE DISTRICT RULES & REGULATIONS.
- 2. WATER MAIN SHALL BE TESTED & DISINFECTED IN ACCORDANCE WITH THE TOWN OF WAREHAM FIRE DISTRICT REQUIREMENTS.
- 3. CONTRACTOR TO COORDINATE WITH THE TOWN OF WAREHAM FIRE DISTRICT FOR THE INSPECTIONS OF THE WATER MAIN INSTALLATION.

TEST PIT DATA



DATE OF TESTING: DECEMBER 6, 2000 PERFORMED BY: CHARLES L. ROWLEY, CHARLES L. ROWLEY & ASSOCIATES REFER TO EXISTING CONDITIONS & DEMOLITION PLAN FOR TEST PIT LOCATION



NO WATER ENC.

ABBREVIATIONS

AC	ASBESTIC CONCRETE
ADS	ADVANCED DRAINAGE SYSTEM
APPROX.	APPROXIMATE
BC	BOTTOM OF CURB
BIT. CONC.	BITUMINOUS CONCRETE
BOLDRS	BOLDERS
BW	BOTTOM OF WALL
BWV	BORDERING VEGETATED WETLANDS
CB	CATCH BASIN
CB/DH	CONCRETE BOUND/DRILL HOLE
CCB	CAPE COD BERM
CEM.	CEMENT
C.I.	CAST IRON
CONC.	CONCRETE
C.O.	CLEAN OUT
C.L.D.I.	CEMENT LINED DUCTILE IRON
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED PLASTIC PIPE
DIA	DIAMETER
DMH	DRAIN MANHOLE
D.I.	DUCTILE IRON
DCS	DRAINAGE CONTROL STRUCTURE
E	ELECTRIC
ELEV., EL.	ELEVATION
EOP	EDGE OF PAVEMENT
EX.	EXISTING
F.D.C.	FIRE DEPARTMENT CONNECTION
F.E.S.	FLARED END SECTION
F.F.E.	FINISHED FLOOR ELEVATION
FOUND.	FOUNDATION
FP	FIRE PROTECTION
G	GAS
GG, GV	GAS GATE, GAS VALVE
H.C.	HANDICAP PARKING
H.D.P.E.	HIGH DENSITY POLYETHYLENE
HYD	HYDRANT
INVT.	INVERT
MAX	MAXIMUM
MED	MEDIUM
MIN.	MINIMUM
N.T.S.	NOT TO SCALE
N/F	NOW OR FORMERLY
OHV	OVERHEAD WIRE
PCC	PRECAST CONCRETE CURBING
PVC	POLYVINYL CHLORIDE PIPE
PROP.	PROPOSED
RCP	REINFORCED CONCRETE PIPING
R	RADIUS
R&D	REMOVE AND DISPOSE
R&S	REMOVE AND STOCK
SB/DH	STONE BOUND/DRILL HOLE
S	SEWER
SGC	SLOPED GRANITE CURBING
SMH	SEWER MANHOLE
STA	STATION
TC	TOP OF CURB
TW	TOP OF WALL
TYP.	TYPICAL
T/O/F	TOP OF FOUNDATION
UP	UTILITY POLE
UE	UNDERGROUND ELECTRIC
VGC	VERTICAL GRANITE CURB
W	WATER
WG, WV	WATER GATE, WATER VALVE
WQS	WATER QUALITY STRUCTURE
WQ CB	WATER QUALITY CAYCH BASIN

APPROVED BY: [Signature]

DATE: FEB. 10, 2022

DRAWN BY: JWP

CHECKED BY: WFM

JOB NO.: 21-0731

SCALE: AS NOTED

NO CHANGE THIS SHEET

DATE

REV.

DATE

BY

APPD

DESCRIPTION

G.A.F. ENGINEERING, INC. PROFESSIONAL ENGINEERS & LAND SURVEYORS 266 MAIN STREET - WAREHAM, MA 02571 TEL: (508) 295-6800 FAX: (508) 295-6634 E-MAIL: info@gafenginc.com

PREPARED FOR: 3 KENDRICK ROAD, LLC WAREHAM, MA P.O. BOX 1135 MARION, MA

SITE IMPROVEMENTS PLAN GENERAL NOTES & LEGEND

DATE: FEB. 10, 2022

JOB NO.: 21-0731

SCALE: AS NOTED

NO CHANGE THIS SHEET

DATE

REV.

DATE

BY

APPD

DESCRIPTION

EXISTING	DESC.	PROPOSED
55	CONTOURS	55
53x5	SPOT GRADES	52x5 52x5
	WETLANDS	
	F.E.M.A. FLOOD ZONE	
D	DRAIN LINE	D
RD	PERFORATED DRAIN LINE	RD
	ROOF DRAIN LINE	
	CATCH BASIN (CB)	
	DRAIN MANHOLE (DMH)	
	CLEAN OUT (C.O.)	
	ELECTRIC MANHOLE (EMH)	
UE	UNDERGROUND UTILITIES	UE
OHV	OVERHEAD WIRES	OHV
	UTILITY POLE	
	GUY POLE	
	WATER GATE VALVE	
	WATER SHUTOFF/CURB STOP	
	HYDRANT	
	POST INDICATOR VALVE	
W	WATER LINE	W
FP	FIRE PROTECTION LINE	FP
S	SEWER MANHOLE (SMH)	S
FM	SEWER LINE	FM
	FORCE MAIN	
	TREELINE	
	LIGHT POST	
	GAS LINE	
	GAS GATE/VALVE	
	GAS SHUTOFF	
	GAS METER	
	SIGN	
	FENCE	
	BOUND	
	TEST PIT/PERC TEST	
	SILT FENCE	
	GUARD RAIL	
	FLARED END SECTION	
	STONE WALL	

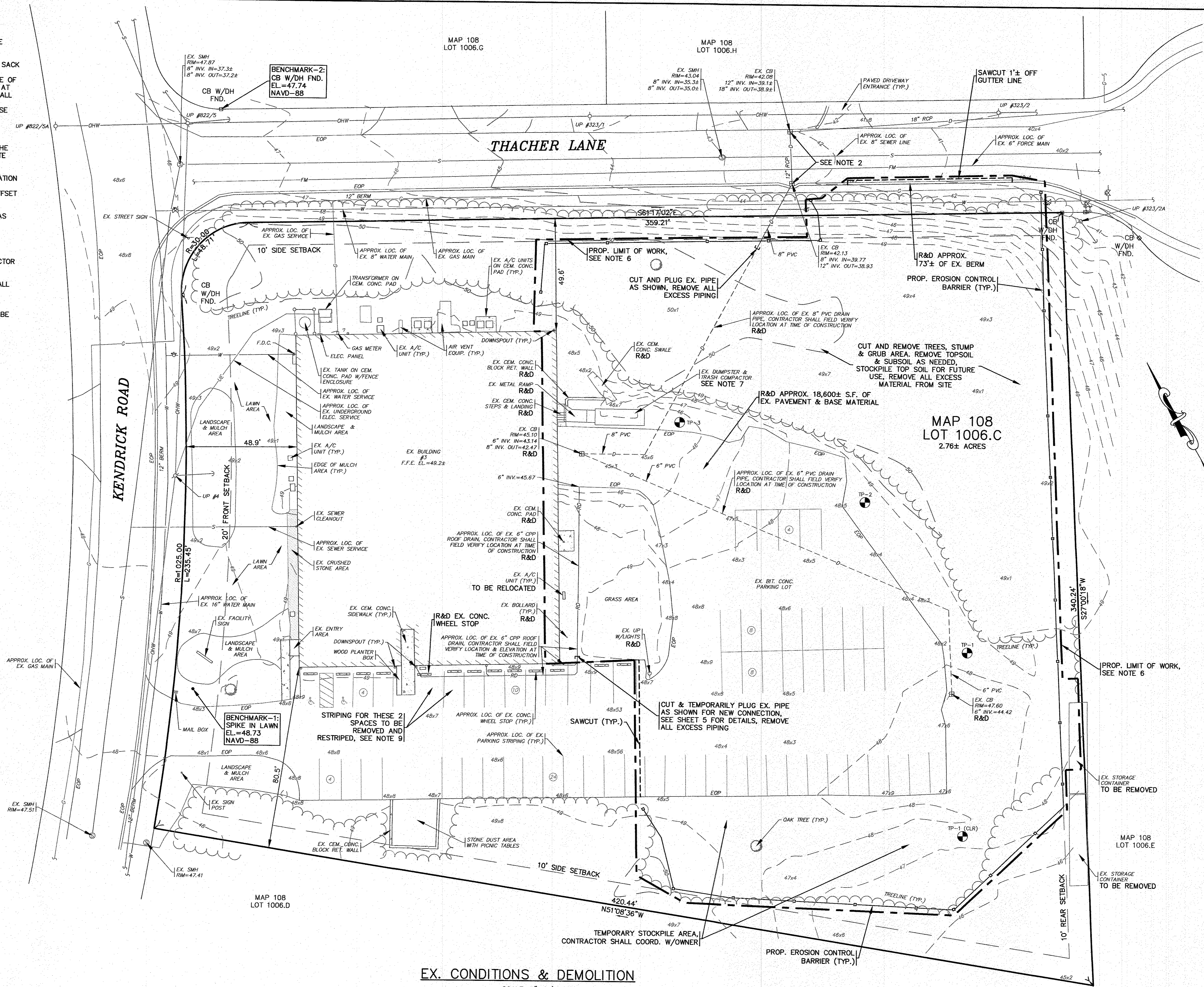
JOB NO.: 21-0731

DWG. 2 OF 10

H:\GAF DRAWINGS\2020 DRAWINGS\21-0731 (HENRY BEASLEY)\21-0731 SITE PLAN.dwg

NOTES:

1. ALL DEBRIS FROM DEMOLITION INCLUDING PIPE REMOVAL, PAVEMENT & STONE/GRAVEL REMOVAL, TREE CLEARING, STUMPING, GRUBBING, ETC. SHALL BE REMOVED FROM THE SITE AND NOT STOCKPILED.
2. EXISTING CATCH BASINS SHALL HAVE A TEMPORARY SILT SACK OR AN APPROVED EQUAL INSTALLED WITHIN PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REMOVE AND DISPOSE OF THE SILT SACKS AT THE COMPLETION OF CONSTRUCTION. AT THE COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL INSPECT THE EXISTING CATCH BASINS FOR EVIDENCE OF SEDIMENT OR DEBRIS ACCUMULATION. REMOVE AND DISPOSE OF ANY DEBRIS AND SEDIMENT AS REQUIRED.
3. PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
4. A PERMANENT SITE BENCHMARK WILL BE SET PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH ENGINEER.
5. CONTRACTOR SHALL PROVIDE AND MAINTAIN STAKED SILTATION FENCING EROSION CONTROL BARRIER. SEE PLAN FOR LOCATIONS. THE EROSION CONTROL BARRIER IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
6. THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
7. EXISTING DUMPSTER SHALL BE RELOCATED, CONTRACTOR SHALL COORDINATE WITH OWNER FOR LOCATION.
8. EXISTING STORAGE CONTAINERS TO BE REMOVED, CONTRACTOR SHALL COORDINATE WITH OWNER OF LOT 1006.E.
9. EXISTING PAVEMENT STRIPING SHOWN TO BE REMOVED SHALL BE PRESSURE WASHED AND SHALL NOT DAMAGE THE UNDERLYING PAVEMENT. SEE SHEET 4 FOR NEW STRIPING LAYOUT. ALL PAVEMENT STRIPING NOT CALLED OUT TO BE REMOVED THAT ARE DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.



EX. CONDITIONS & DEMOLITION

SCALE: 1"=20'



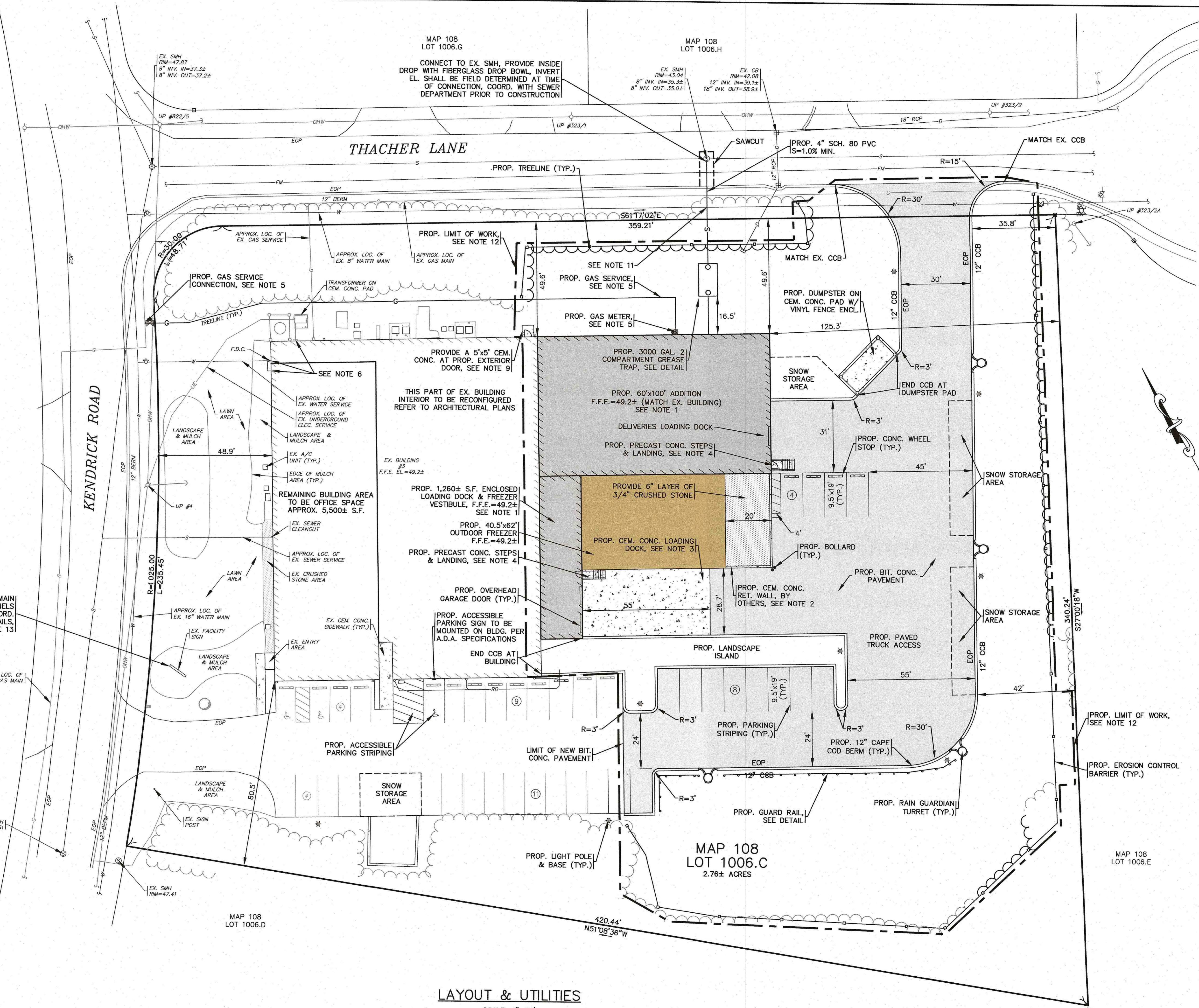
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(NOT FOR CONSTRUCTION)

DATE: FEB. 10, 2022	APPROVED BY:	
DRAWN BY: JMP	APPROVED BY: <i>[Signature]</i> WILLIAM HADLEY REGISTERED PROFESSIONAL ENGINEER NO. 2888	
CHECKED BY: WFM	G.A.F. ENGINEERING, INC. PROFESSIONAL ENGINEERS & LAND SURVEYORS 206 MAIN STREET - WAREHAM, MA 02571 TEL: (508) 295-6600 FAX: (508) 295-6634 E-MAIL: info@gafengrinc.com	
JOB NO.: 21-9731	PREPARED FOR:	3 KENDRICK ROAD, LLC MARION, MA P.O. BOX 1135
SCALE: 1" = 20'	3 KENDRICK ROAD WAREHAM, MA P.O. BOX 1135	
REV. DATE BY APP'D	NO CHANGE THIS SHEET	
1 4/28/22 JMP WFM		

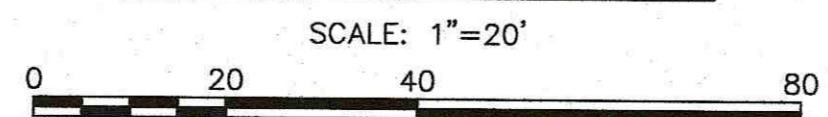
NOTES:

- FOR COMPLETE BUILDING ADDITION, FREEZER VESTIBULE, OUTDOOR FREEZER AND ENCLOSED LOADING DOCK DIMENSIONS, SPECIFICATIONS AND CONSTRUCTION DETAILS REFER TO PLANS BY CAPE BUILDING SYSTEMS, INC. CONTRACTOR SHALL CONFIRM THE BUILDING ADDITION, FREEZER VESTIBULE, OUTDOOR FREEZER AND ENCLOSED LOADING DOCK FINISHED FLOOR ELEVATION WITH OWNER AND ARCHITECT PRIOR TO CONSTRUCTION.
- PROPOSED CEMENT CONCRETE RETAINING WALLS DESIGNED BY OTHERS. CONTRACTOR SHALL COORDINATE WITH OWNER AND STRUCTURAL ENGINEER. RETAINING WALLS SHALL BE PROVIDED WITH SAFETY GUARDRAILS/HANDRAILS PER 780 CMR AND MOST CURRENT EDITIONS OF THE MASSACHUSETTS STATE BUILDING CODE REGULATIONS AND SPECIFICATIONS. CONTRACTOR SHALL SUBMIT STAMPED SHOP DRAWINGS FOR RETAINING WALL DESIGN & CONSTRUCTION TO BUILDING DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.
- PROPOSED CEMENT CONCRETE LOADING DOCK DESIGNED BY OTHERS. CONTRACTOR SHALL SUBMIT STAMPED SHOP DRAWINGS FOR RAMP CONSTRUCTION TO BUILDING DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.
- PROPOSED PRECAST CONCRETE STEPS AND LANDING SHALL BE PROVIDED WITH HANDRAILS. HANDRAILS SHALL CONFORM TO THE MOST CURRENT EDITIONS OF THE MASSACHUSETTS STATE BUILDING CODE AND ADA RULES & REGULATIONS. FINAL DESIGN BY OTHERS.
- THE FINAL LOCATION, SIZE, AND ALL CONSTRUCTION DETAILS OF THE PROPOSED GAS SERVICE AND GAS METER SHALL BE DETERMINED BY THE LOCAL GAS COMPANY. CONTRACTOR SHALL COORDINATE WITH LOCAL GAS COMPANY PRIOR TO CONSTRUCTION.
- CONNECT TO THE EXISTING WATER, SEWER AND ELECTRIC SERVICE INSIDE THE EXISTING BUILDING. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANIES.
- CONTRACTOR TO COORDINATE WITH THE FIRE PROTECTION CONTRACTOR FOR ALL DETAILS ON THE PROPOSED ADDITION FIRE PROTECTION SYSTEM.
- CONTRACTOR TO COORDINATE WITH PLUMBER FOR ALL DETAILS ON INTERIOR PLUMBING AND FLOOR DRAINS. SEE DESIGN PLANS BY OTHERS.
- REFER TO ARCHITECTURAL PLANS FOR THE FINAL PROPOSED EXTERIOR DOOR LOCATION.
- ALL SEWER WORK SHALL BE DONE IN ACCORDANCE WITH THE TOWN OF WAREHAM SEWER COMMISSIONERS RULES AND REGULATIONS.
- AT THE WATER AND SEWER LINE CROSSING ONE FULL LENGTH OF SEWER PIPE SHALL BE 200 PSI PRESSURE RATED PIPE CENTERED OVER WATER LINE MEETING LATEST AWWA STANDARDS AND SHALL BE PRESSURE TESTED TO ENSURE WATER TIGHTNESS. WATER AND SEWER LINES SHALL HAVE A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN PIPES.
- THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
- ALL CHANGES TO THE EXISTING SIGN WILL BE CONSISTENT WITH THE PROVISIONS OF ARTICLE 11: SIGNS, OF THE TOWN OF WAREHAM ZONING BYLAWS.
- LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.

EX. SIGN IS TO REMAIN AND THE EX. SIGN PANELS WILL BE REPLACED, COORD. WITH OWNER FOR DETAILS. SEE NOTE 13!



LAYOUT & UTILITIES



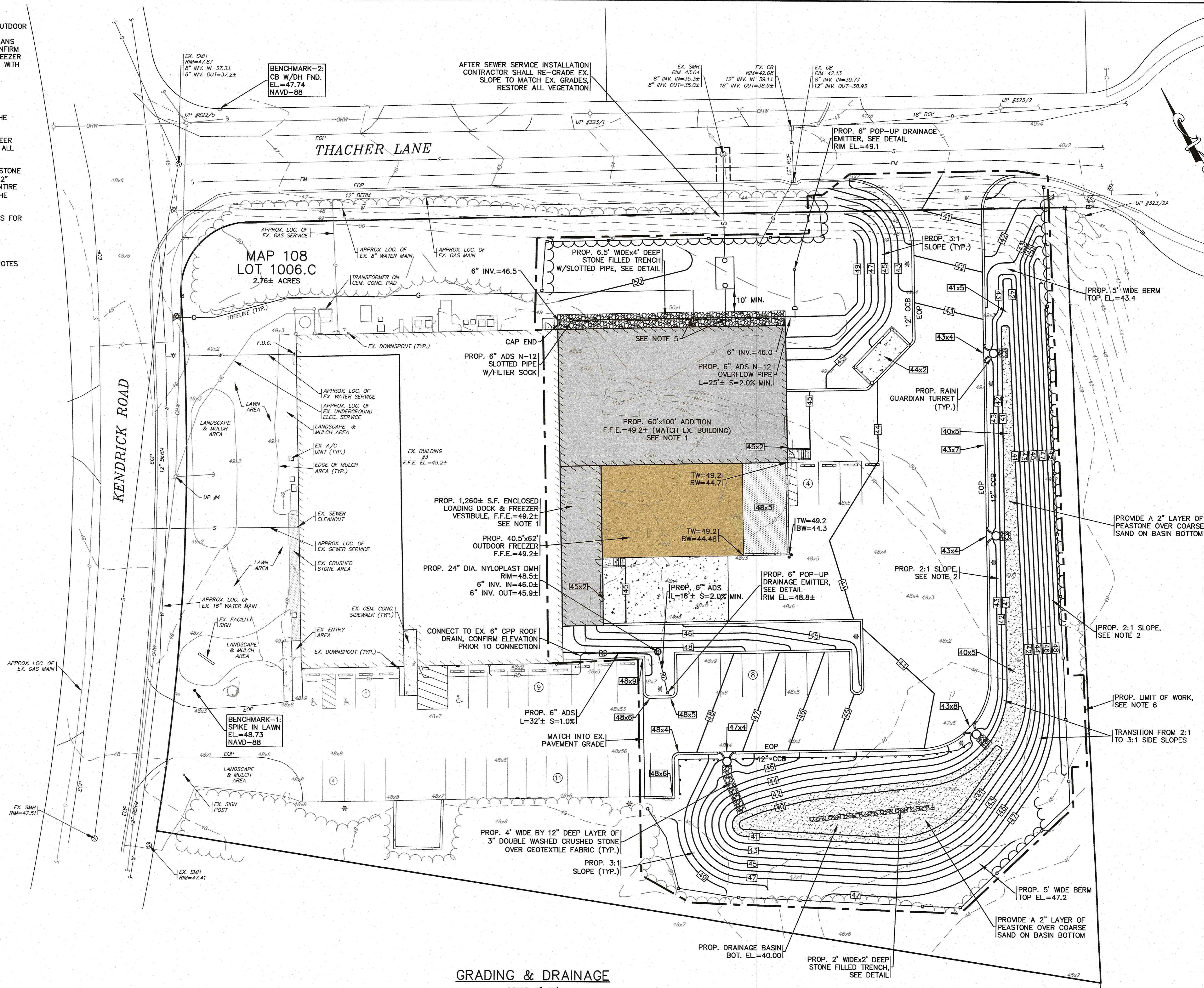
PERMIT SET
(NOT FOR CONSTRUCTION)

DATE: FEB. 10, 2022	APPROVED BY: <i>[Signature]</i>		G.A.F. ENGINEERING, INC. PROFESSIONAL ENGINEERS & LAND SURVEYORS 286 MAIN STREET - WAREHAM, MA 02571 TEL: (508) 295-6600 FAX: (508) 295-6634 E-MAIL: info@gafenginc.com
DRAWN BY: JMP	CHECKED BY: WFM		
JOB NO.: 21-9731	DATE: 4/28/22	REV. BY: WFM	PER PEER REVIEW COMMENTS
SCALE: 1" = 20'	DATE: 4/28/22	REV. BY: JMP	DESCRIPTION
SITE IMPROVEMENTS PLAN LAYOUT & UTILITIES		3 KENDRICK ROAD, LLC WAREHAM, MA	
PREPARED FOR:		P.O. BOX 1135 MARION, MA	
3 KENDRICK ROAD		DWG. NO.: 21-9731	
4 OF 10			

14:104P DRAWINGS 2021 DRAWINGS 01-9731 (BENNY DEE) 9/27/21 9/27/21 SITE PLAN_A1-2_REV-1.dwg

NOTES:

- 1. FOR COMPLETE BUILDING ADDITION, FREEZER VESTIBULE, OUTDOOR FREEZER AND ENCLOSED LOADING DOCK DIMENSIONS, SPECIFICATIONS AND CONSTRUCTION DETAILS REFER TO PLANS BY CAPE BUILDING SYSTEMS, INC. CONTRACTOR SHALL CONFIRM THE BUILDING ADDITION, FREEZER VESTIBULE, OUTDOOR FREEZER AND ENCLOSED LOADING DOCK FINISHED FLOOR ELEVATION WITH OWNER AND ARCHITECT PRIOR TO CONSTRUCTION.
- 2. 2:1 SIDE SLOPES SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET OVER THE PLANTED SEED BED.
- 3. COVER ALL PROPOSED STONE FILLED TRENCHES WITH AN ADDITIONAL TEMPORARY LAYER OF FILTER FABRIC UNTIL THE ABOVE GRADIENT SLOPE IS STABILIZED.
- 4. CONTRACTOR SHALL COORDINATE WITH STRUCTURAL ENGINEER FOR CEMENT CONCRETE RETAINING WALL ELEVATIONS AND ALL DESIGN DETAILS, SEE NOTE 2 ON SHEET 4.
- 5. WHERE THE PROPOSED SEWER AND GAS LINE CROSS THE STONE FILLED TRENCH CENTER AND ENCASE BOTH PIPES IN 12"x12" CEMENT CONCRETE. PIPES SHALL BE ENCASED FOR THE ENTIRE WIDTH OF THE TRENCH AND A MINIMUM OF 24" BEYOND THE EDGE OF THE TRENCH.
- 6. THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
- 7. LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.
- 8. FOR COMPLETE DRAINAGE OPERATION AND MAINTENANCE NOTES SEE SHEET 2.



GRADING & DRAINAGE
SCALE: 1"=20'
0 20 40 80

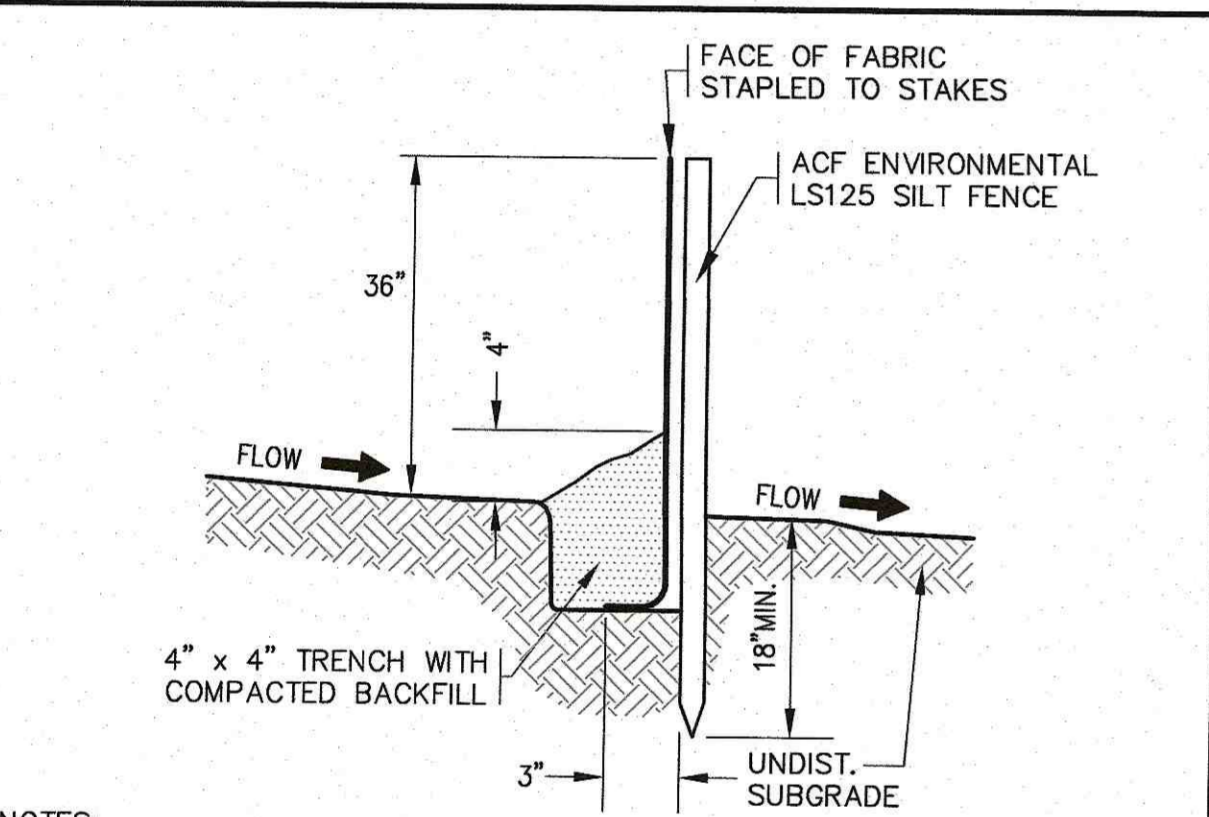
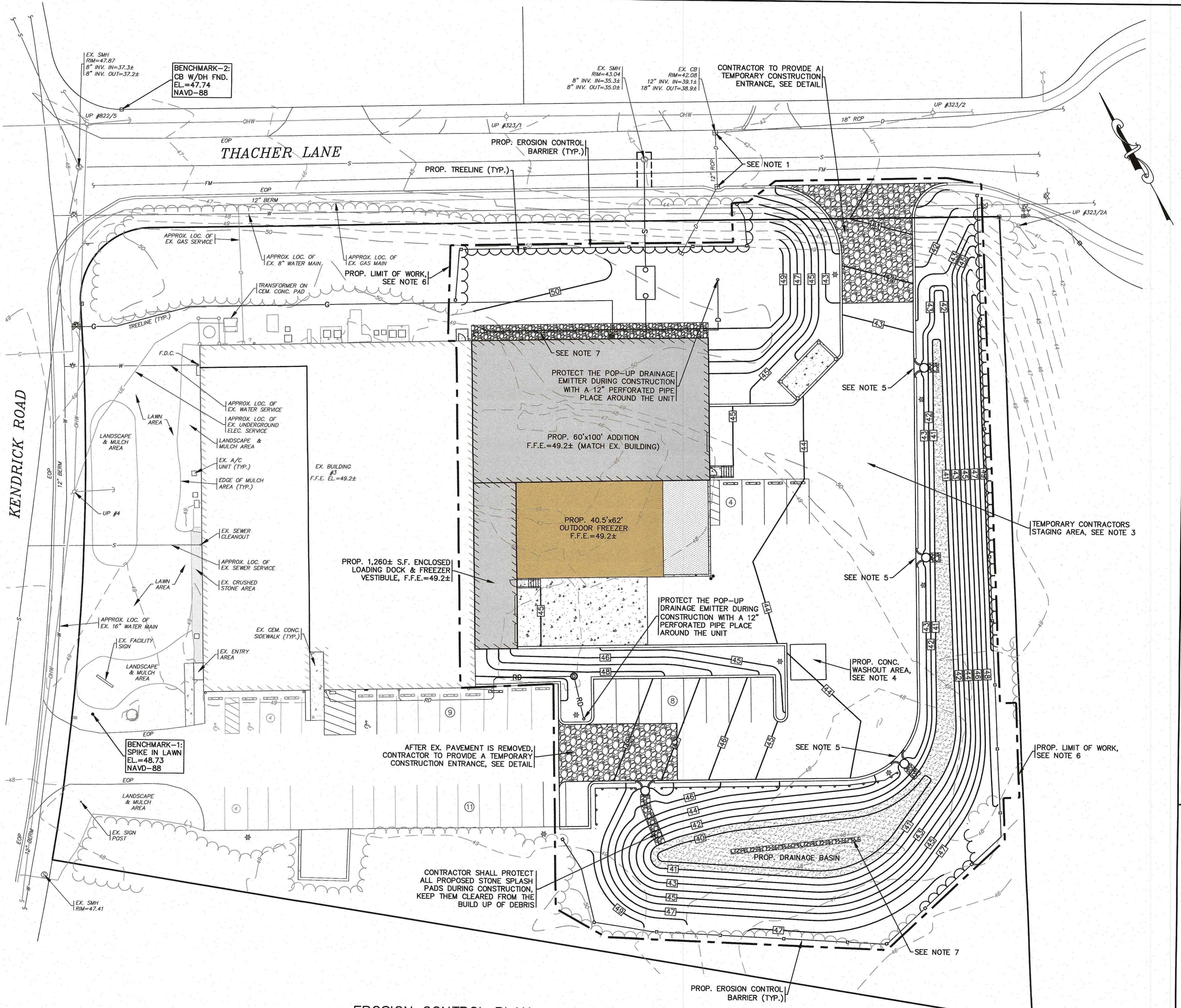
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(NOT FOR CONSTRUCTION)

H:\GAF DRAWINGS\2023 DRAWINGS\21-9731 (HENRY 16.635)\0710\0710 SITE PLAN_A1-2_REV-1.dwg

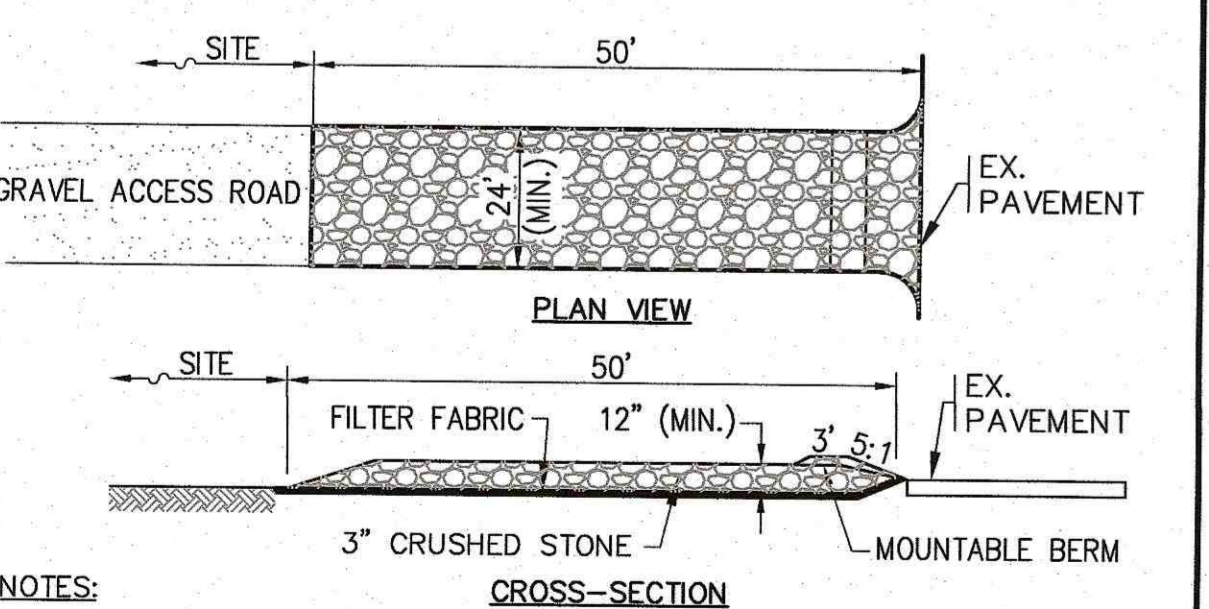
DATE: FEB. 10, 2022	DRAWN BY: JMP	CHECKED BY: WFM	JOB NO.: 21-9731	SCALE: 1" = 20'	REV.	DATE	BY	APP'D	PER PEER REVIEW COMMENTS
APPROVED BY: [Signature]									
APPROVED BY: [Signature]									
G.A.F. ENGINEERING, INC. PROFESSIONAL ENGINEERS & LAND SURVEYORS 266 MAIN STREET - WAREHAM, MA 02571 TEL: (508) 295-6600 FAX: (508) 295-6634 E-MAIL: info@gafeng.com					COPYRIGHT © 2022 G.A.F. ENGINEERING, INC. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED, OR TRANSMITTED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF G.A.F. ENGINEERING, INC. WITH THE EXCEPTION OF ANY REPRODUCTION FOR PERSONAL USE ONLY. ALL RIGHTS RESERVED. ANY UNAUTHORIZED REPRODUCTION OR USE OF THIS DOCUMENT IS STRICTLY PROHIBITED AND WILL BE PUNISHED TO THE FULL EXTENT OF THE LAW.				
PREPARED FOR: 3 KENDRICK ROAD WAREHAM, MA					3 KENDRICK ROAD, LLC MARION, MA				
JOB NO.: 21-9731					DWG. NO.: 5 OF 10				

NOTES:

1. ALL EXISTING CATCH BASINS SHALL HAVE A TEMPORARY SILT SACK INSTALLED IN THEM PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT SACKS AND PUMP CLEAN THE CATCH BASIN UPON COMPLETION OF CONSTRUCTION. ALL EXISTING CATCH BASINS SHALL BE INSPECTED WEEKLY DURING CONSTRUCTION. IF THERE IS ANY SEDIMENT BUILDUP, THE AFFECTED STRUCTURES SHALL BE CLEANED IMMEDIATELY, AND ALL MATERIAL REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
2. CONTRACTOR SHALL PROVIDE AND MAINTAIN STAKED SILTATION FENCING EROSION CONTROL BARRIER. SEE PLAN FOR LOCATIONS. THE EROSION CONTROL BARRIER IS SHOWN OFFSET IN SOME AREAS FOR CLARITY. EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL ALL VEGETATION IS ESTABLISHED.
3. FINAL LOCATION OF CONTRACTORS STAGING AREA SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT TIME OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH OWNER. NO ADDITIONAL TREE CLEARING SHALL BE DONE FOR STAGING AREA.
4. CEMENT CONCRETE WASHOUT AREA SHALL BE A SQUARE OF DOUBLE STAKED HAY BALES WITH SILTATION FENCE AND LINED WITH A 40 MIL POLYETHYLENE BARRIER. SEE DETAIL. FINAL WASHOUT SIZE AND LOCATION SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT TIME OF CONSTRUCTION.
5. CONTRACTOR SHALL PROVIDE AND MAINTAIN COMPOST WATTLES ACROSS THE FRONT OF THE INLET TO ALL RAIN GUARDIAN TURRET STRUCTURES. ALL PROPOSED RAIN GUARDIAN TURRET STRUCTURES SHALL BE INSPECTED WEEKLY DURING CONSTRUCTION. IF THERE IS ANY SEDIMENT BUILDUP, THE AFFECTED STRUCTURES SHALL BE CLEANED IMMEDIATELY, AND ALL MATERIAL REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
6. THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
7. COVER ALL PROPOSED STONE FILLED TRENCHES WITH AN ADDITIONAL TEMPORARY LAYER OF FILTER FABRIC UNTIL THE ABOVE GRADIENT SLOPE IS STABILIZED.
8. LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.



- NOTES:**
1. SILTATION FENCE SHALL BE ACF ENVIRONMENTAL LS125 SILT FENCE OR AN APPROVED EQUAL.
 2. SILTATION FENCING SHALL BE INSTALLED DOWNSLOPE OF ALL PROPOSED AND EXISTING DISTURBED AREAS, OR AS SHOWN ON THE PLANS.
 3. EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL VEGETATIVE OR STABILIZED COVER HAS BEEN FIRMLY ESTABLISHED.
 4. EROSION CONTROL MEASURES SHALL FOLLOW THE PERFORMANCE STANDARDS OF THE USDA SOIL CONSERVATION SERVICE, AND ANY APPLICABLE STATE/LOCAL CONSERVATION AUTHORITY.



- NOTES:**
1. ENTRANCE WIDTH SHALL BE 24 FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 2. 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 OR ONTO THE EXISTING PARKING LOT MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.

EROSION CONTROL PLAN

SCALE: 1"=20'
0 20 40 80

DATE: FEB. 10, 2022		DRAWN BY: JMP		CHECKED BY: WFM		JOB NO.: 21-9731		SCALE: 1" = 20'	
APPROVED BY:		APPROVED BY:		APPROVED BY:		APPROVED BY:		APPROVED BY:	
G.A.F. ENGINEERING, INC.		PROFESSIONAL ENGINEERS & LAND SURVEYORS		286 MAIN STREET - WARRENHAM, MA 02571		TEL: (508) 295-6600 FAX: (508) 295-6634		E-MAIL: info@gafeng.com	
SITE IMPROVEMENTS PLAN		EROSION CONTROL PLAN		3 KENDRICK ROAD		WAREHAM, MA		PREPARED FOR:	
3 KENDRICK ROAD		WAREHAM, MA		3 KENDRICK ROAD, LLC		MARION, MA		P.O. BOX 1135	
JOB NO.: 21-9731		DWG. 6 OF 10		PERMIT SET (NOT FOR CONSTRUCTION)		DATE: 4/28/22		BY: JMP	
REV. 1		DATE: 4/28/22		BY: JMP		DESCRIPTION: PER PEER REVIEW COMMENTS			

PLANTING STANDARDS:

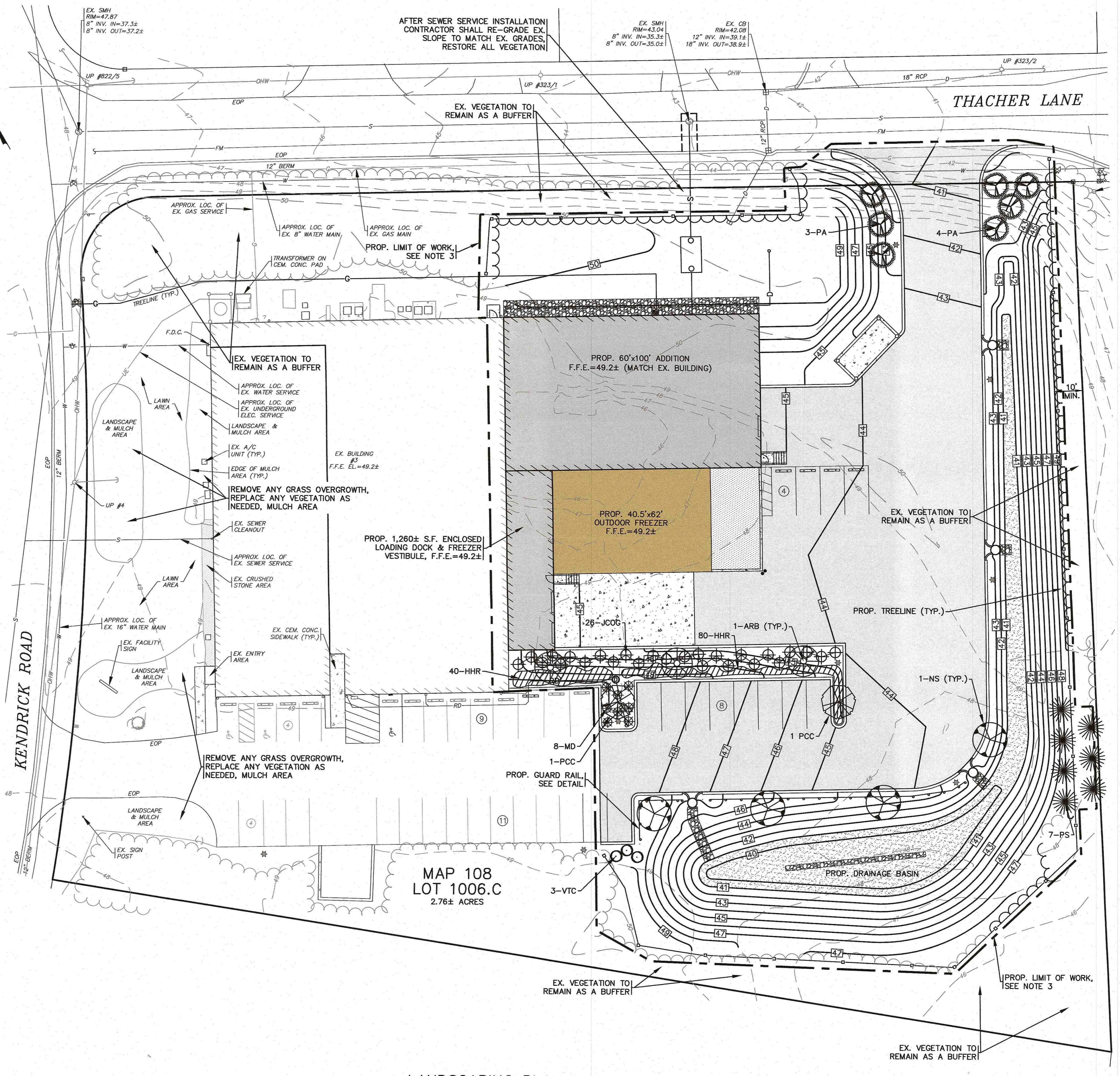
- THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL AND/OR DIG, BALL, BURLAP, AND TRANSPANT ALL PLANT MATERIALS LISTED ON THE PLANT SCHEDULE. BARE-ROOT IS TYPICALLY NOT PERMITTED FOR ANY TREE.
- PLANT MATERIALS SHALL CONFORM TO THE REQUIREMENTS DESCRIBED IN THE LATEST EDITION OF AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. PLANTS SHALL BE NURSERY GROWN.
- PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED IN THE PLANT SCHEDULE.
 - CALIPER MEASUREMENTS SHALL BE TAKEN SIX (6) INCHES ABOVE GRADE FOR TREES UNDER FOUR (4) INCHES IN DIAMETER AND TWELVE (12) INCHES ABOVE GRADE FOR TREES FOUR (4) INCHES IN DIAMETER AND LARGER.
 - MINIMUM BRANCHING HEIGHT FOR ALL SHADE TREES SHALL BE SIX (6) FEET.
 - MINIMUM SIZE FOR SHADE TREES SHALL BE TWO AND ONE HALF (2.5) INCHES IN DIAMETER AND TWELVE (12) FEET IN HEIGHT.
 - MINIMUM SIZE FOR EVERGREEN TREES SHALL BE BETWEEN SIX (6) AND EIGHT (8) FEET IN HEIGHT
 - MINIMUM SIZE FOR SHRUBS SHALL BE THREE (3) FEET IN HEIGHT
- A PROFESSIONAL HORTICULTURIST/NURSERYMAN SHALL BE CONSULTED TO DETERMINE THE PROPER TIME TO MOVE AND INSTALL PLANT MATERIAL SO THAT DISTRESS TO THE PLANT IS MINIMIZED. PLANTING OF DECIDUOUS MATERIAL MAY BE CONTINUED DURING WINTER MONTHS PROVIDED THERE IS NO FROST IN THE GROUND AND FROST-FREE TOPSOIL PLANTING MIXTURES ARE USED.
- A LANDSCAPE CONTRACTOR SHALL EXCAVATE ALL PLANT PITS, VINE PITS, HEDGE TRENCHES, AND SHRUB BEDS AS FOLLOWS:
 - ALL PITS SHALL BE GENERALLY CIRCULAR IN OUTLINE, WITH VERTICAL SIDES. THE TREE PIT SHALL BE DEEP ENOUGH TO ALLOW ONE-EIGHTH (1/8) OF THE BALL TO BE ABOVE THE EXISTING GRADE. PLANTS SHALL REST ON UNDISTURBED EXISTING SOIL OR WELL COMPACTED BACKFILL ON EVERY SIDE. THE TREE PITS MUST BE A MINIMUM OF 2 TIMES THE ROOT BALL DIAMETER.
 - IF AREAS ARE DESIGNATED AS SHRUB BEDS OR HEDGE TRENCHES, THEY SHALL BE CULTIVATED TO AT LEAST EIGHTEEN (18) INCHES IN DEPTH. AREAS DESIGNATED FOR GROUND COVERS AND VINES SHALL BE CULTIVATED TO AT LEAST TWELVE (12) INCHES IN DEPTH.
- EACH TREE, SHRUB, OR VINE SHALL BE PRUNED IN AN APPROPRIATE MANNER IN ACCORDANCE WITH ACCEPTED STANDARD PRACTICE.
- ALL TRENCHES AND SHRUB BEDS SHALL BE EDGED AND CULTIVATED TO THE LINES SHOWN ON THE DRAWING. THE AREAS AROUND ISOLATED PLANTS SHALL BE EDGED AND CULTIVATED TO THE FULL DIAMETER OF THE PIT. SOIL THAT HAS BEEN REMOVED AND STACKED SHALL BE USED TO TRIM THE EDGES OF ALL EXCAVATED AREAS TO THE NEAT LINES OF THE PLANT PIT SAUCERS, THE EDGE OF SHRUB AREAS, HEDGE TRENCHES AND VINE POCKETS.
- AFTER CULTIVATION, ALL PLANT MATERIALS SHALL BE MULCHED WITH A LAYER BETWEEN TWO (2) AND THREE (3) INCHES DEEP OF HEMLOCK / SPRUCE MULCH OVER THE ENTIRE AREA OF THE BED OR SAUCER.
- A TWO (2) YEAR GUARANTEE SHALL BE PROVIDED ON ALL NEW PLANT MATERIAL. IF ANY TREE OR SHRUB DIES WITHIN THIS PERIOD OF TIME, IT SHALL BE REPLACED.
- ALL AREAS THAT ARE NOT LANDSCAPED SHALL BE LOAMED AND SEEDED UNLESS OTHERWISE NOTED.
- EXISTING TREES & VEGETATION SHALL REMAIN TO THE GREATEST EXTENT POSSIBLE.

NOTES:

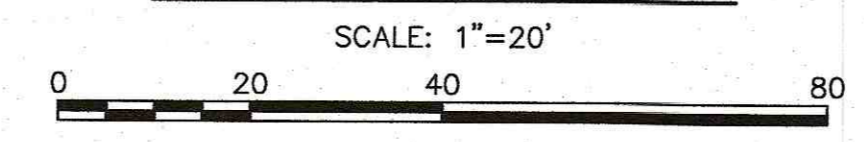
- LANDSCAPE DESIGN BY E.A. FULLER, LANDSCAPE ARCHITECT, 24 SCOTT DRIVE, PLYMOUTH, MA, 02360.
- THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
- LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS	REMARKS
SHRUBS						
JCOG	26	JUNIPERUS CHINENSIS 'OLD GOLD'	OLD GOLD PFITZER JUNIPER	24"-30" SPR.	5 GAL. OR B & B	PLANT 5' O.C.
MD	8	MICROBIOTA DECUSSATA	SIBERIAN CARPET CYPRESS	18"-24" SPR.	3 GAL.	PLANT 3' O.C.
VTC	3	VIBURNUM TRILOBUM COMPACTUM	COMPACT AMERICAN CRANBERRYBUSH VIBURNUM	36" HT.	5 GAL. OR B & B	PLANT 5' O.C.
SHADE & ORNAMENTAL TREES						
ARB	3	ACER RUBRUM 'BOWHALL'	BOWHALL COLUMNAR RED MAPLE	3" CAL.	B & B	PLANT AS SHOWN
PA	7	PICEA ABIES	NORWAY SPRUCE	7'-8' HT.	B & B	PLANT 12' O.C.
PCC	2	PYRUS CALLERYANA 'CHANTICLEER'	CLEVELAND SELECT CALLERY PEAR	3" CAL.	B & B	PLANT AS SHOWN
NS	4	NYSSA SYLVATICA	BLACK TUPELO	3" CAL.	B & B	PLANT 40' O.C.
PS	7	PINUS STROBUS	EASTERN WHITE PINE	7'-8' HT.	B & B	PLANT 15' O.C.
ORNAMENTAL GRASSES & PERENNIALS						
HHR	120	HEMEROCALIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL.	18" HT.	PLANT 12" O.C.

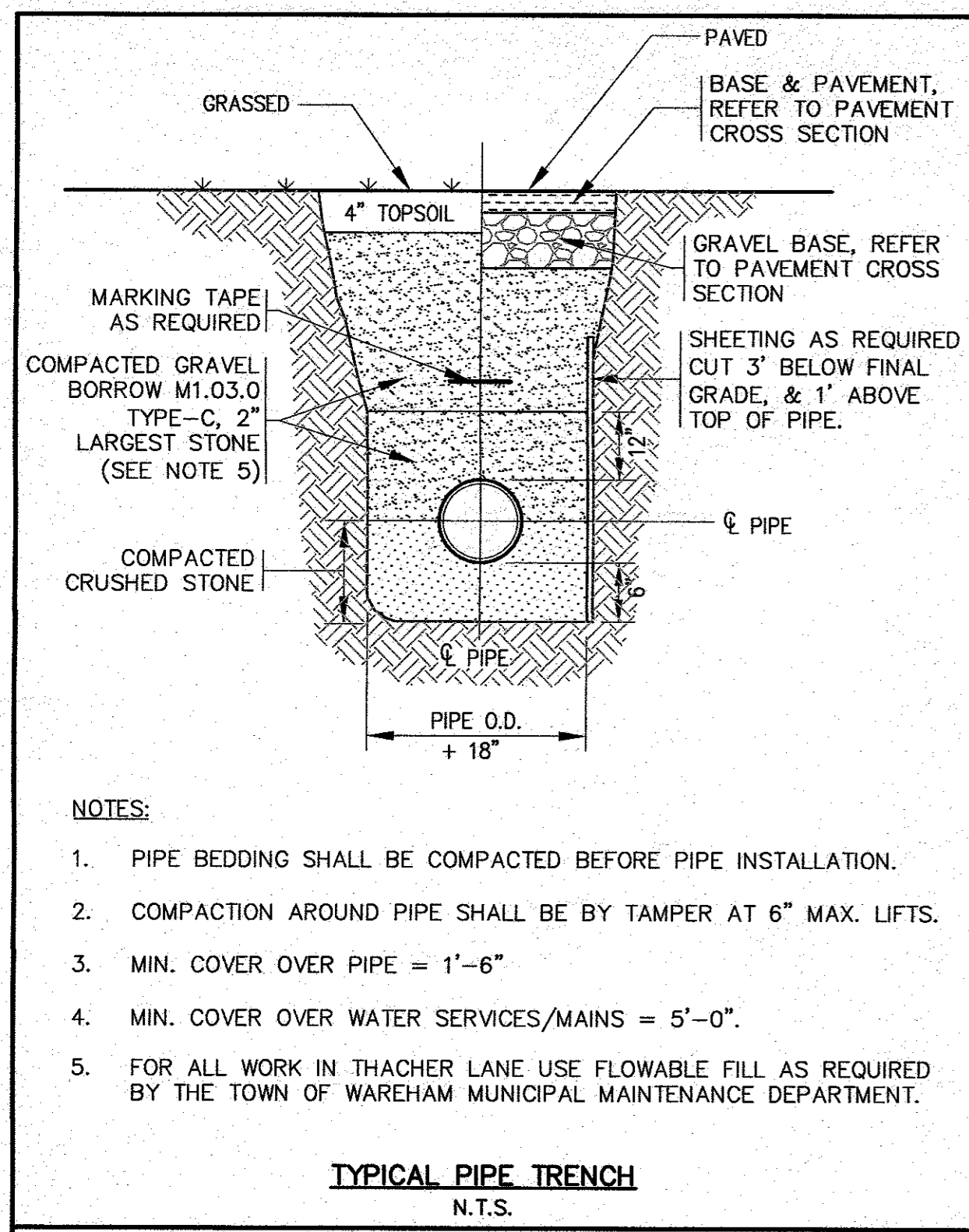


LANDSCAPING PLAN



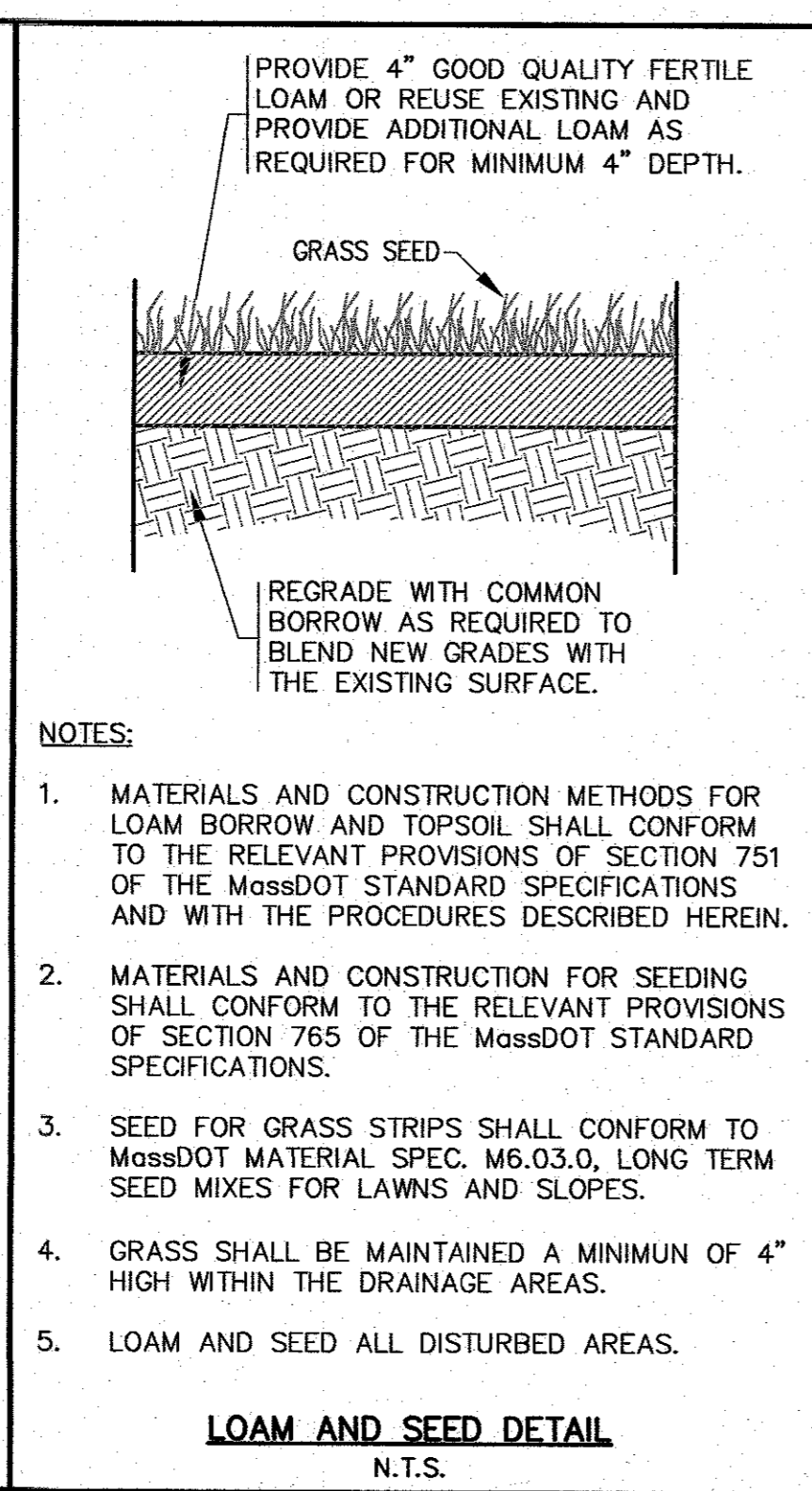
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APPROVED BY: [Signature]		APPROVED BY: [Signature]		APPROVED BY: [Signature]		APPROVED BY: [Signature]		APPROVED BY: [Signature]	
G.A.F. ENGINEERING, INC.		PROFESSIONAL ENGINEERS & LAND SURVEYORS		266 MAIN STREET - WAREHAM, MA 02571		TEL: (508) 295-6600 FAX: (508) 295-6634		E-MAIL: info@gafenginc.com	
SITE IMPROVEMENTS PLAN		LANDSCAPING PLAN		3 KENDRICK ROAD		WAREHAM, MA		PREPARED FOR: 3 KENDRICK ROAD, LLC	
P.O. BOX 1135		MARION, MA		JOB NO.: 21-9731		DWG. 7 OF 10		PERMIT SET (NOT FOR CONSTRUCTION)	

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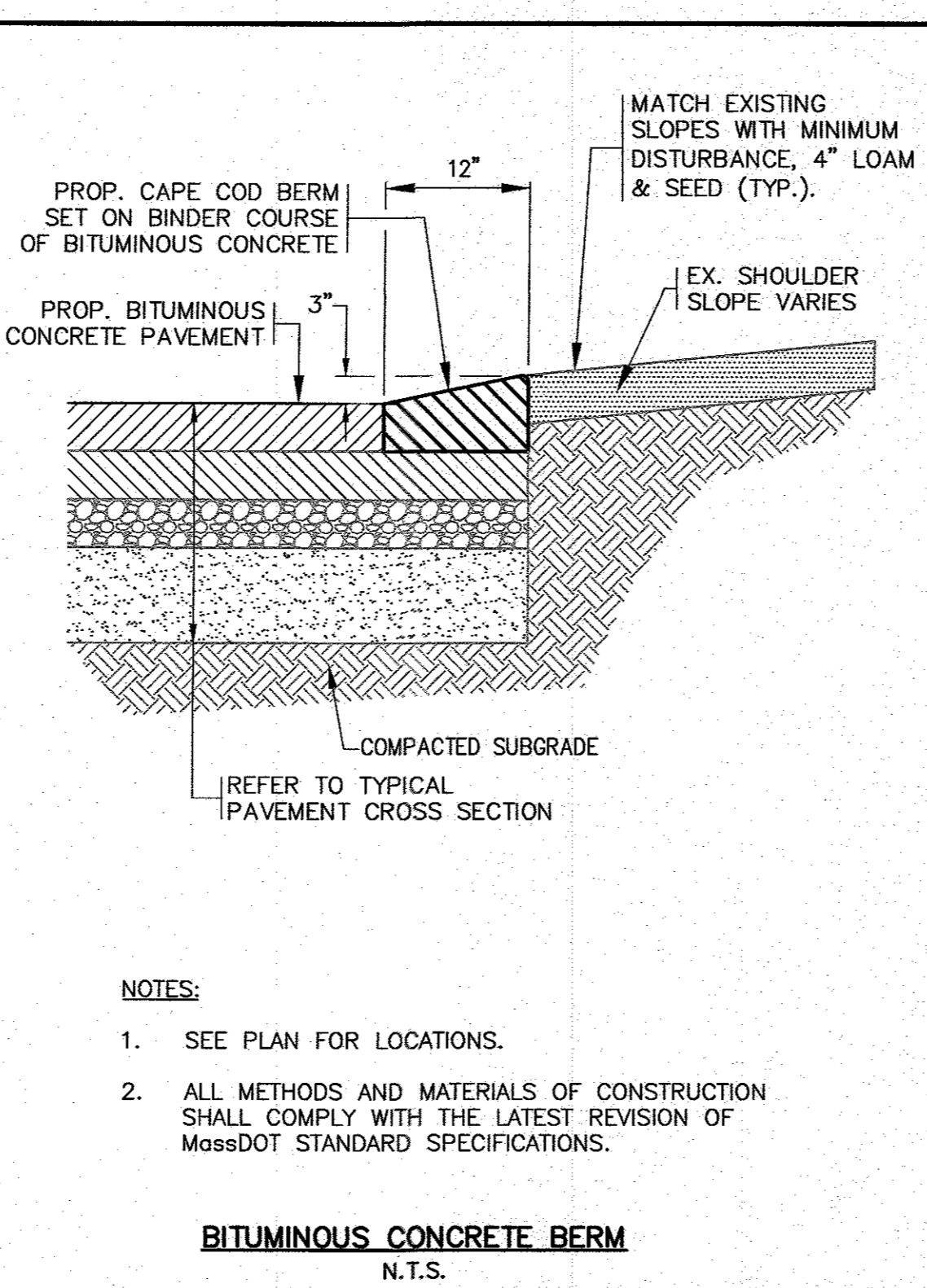
- NOTES:**
- PIPE BEDDING SHALL BE COMPACTED BEFORE PIPE INSTALLATION.
 - COMPACTION AROUND PIPE SHALL BE BY TAMPER AT 6" MAX. LIFTS.
 - MIN. COVER OVER PIPE = 1'-6"
 - MIN. COVER OVER WATER SERVICES/MAINS = 5'-0"
 - FOR ALL WORK IN THACHER LANE USE FLOWABLE FILL AS REQUIRED BY THE TOWN OF WAREHAM MUNICIPAL MAINTENANCE DEPARTMENT.

TYPICAL PIPE TRENCH
N.T.S.



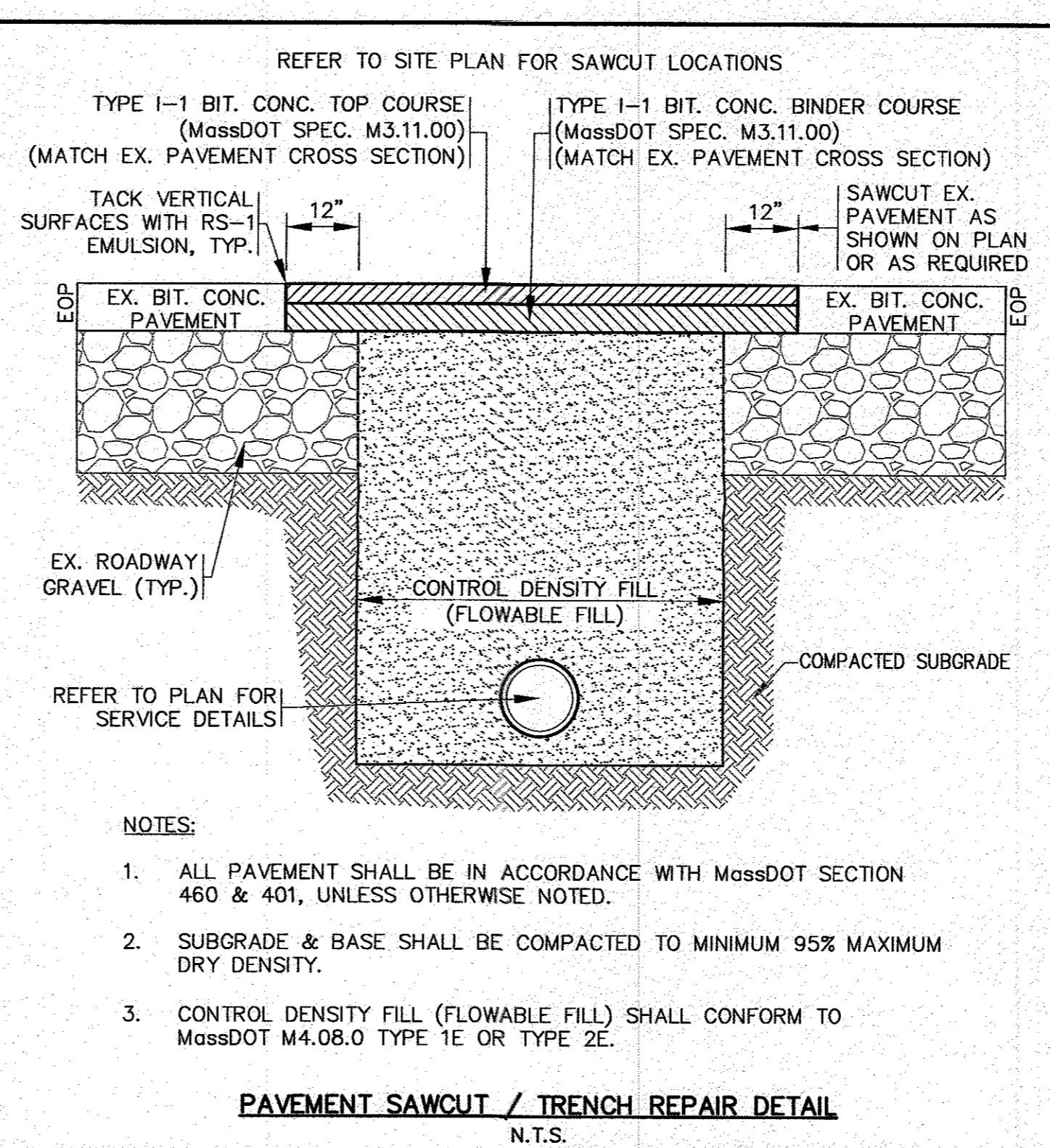
- NOTES:**
- MATERIALS AND CONSTRUCTION METHODS FOR LOAM BORROW AND TOPSOIL SHALL CONFORM TO THE RELEVANT PROVISIONS OF SECTION 751 OF THE MassDOT STANDARD SPECIFICATIONS AND WITH THE PROCEDURES DESCRIBED HEREIN.
 - MATERIALS AND CONSTRUCTION FOR SEEDING SHALL CONFORM TO THE RELEVANT PROVISIONS OF SECTION 765 OF THE MassDOT STANDARD SPECIFICATIONS.
 - SEED FOR GRASS STRIPS SHALL CONFORM TO MassDOT MATERIAL SPEC. M5.03.0, LONG TERM SEED MIXES FOR LAWNS AND SLOPES.
 - GRASS SHALL BE MAINTAINED A MINIMUM OF 4" HIGH WITHIN THE DRAINAGE AREAS.
 - LOAM AND SEED ALL DISTURBED AREAS.

LOAM AND SEED DETAIL
N.T.S.



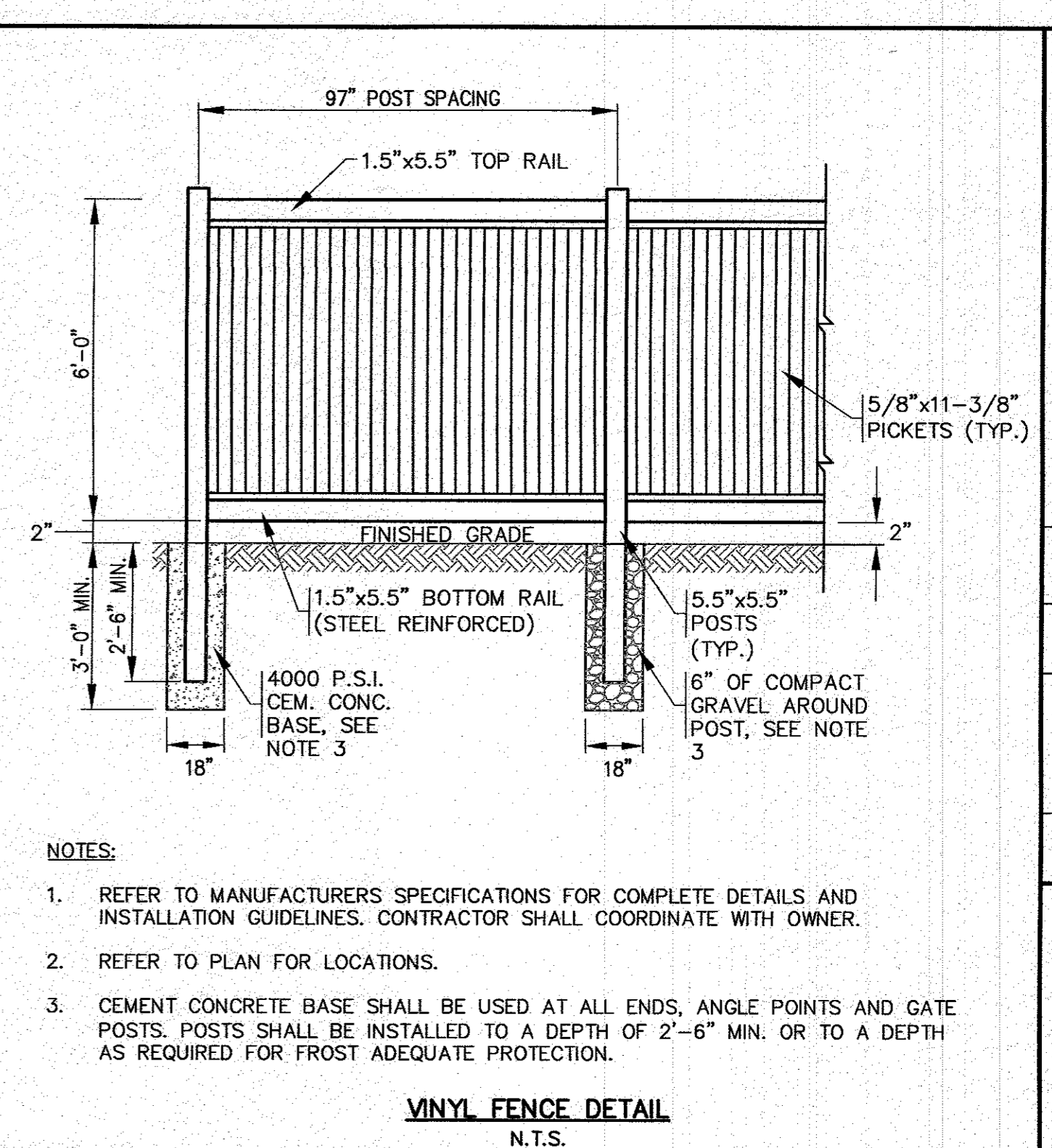
- NOTES:**
- SEE PLAN FOR LOCATIONS.
 - ALL METHODS AND MATERIALS OF CONSTRUCTION SHALL COMPLY WITH THE LATEST REVISION OF MassDOT STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE BERM
N.T.S.



- NOTES:**
- ALL PAVEMENT SHALL BE IN ACCORDANCE WITH MassDOT SECTION 460 & 401, UNLESS OTHERWISE NOTED.
 - SUBGRADE & BASE SHALL BE COMPACTED TO MINIMUM 95% MAXIMUM DRY DENSITY.
 - CONTROL DENSITY FILL (FLOWABLE FILL) SHALL CONFORM TO MassDOT M4.08.0 TYPE 1E OR TYPE 2E.

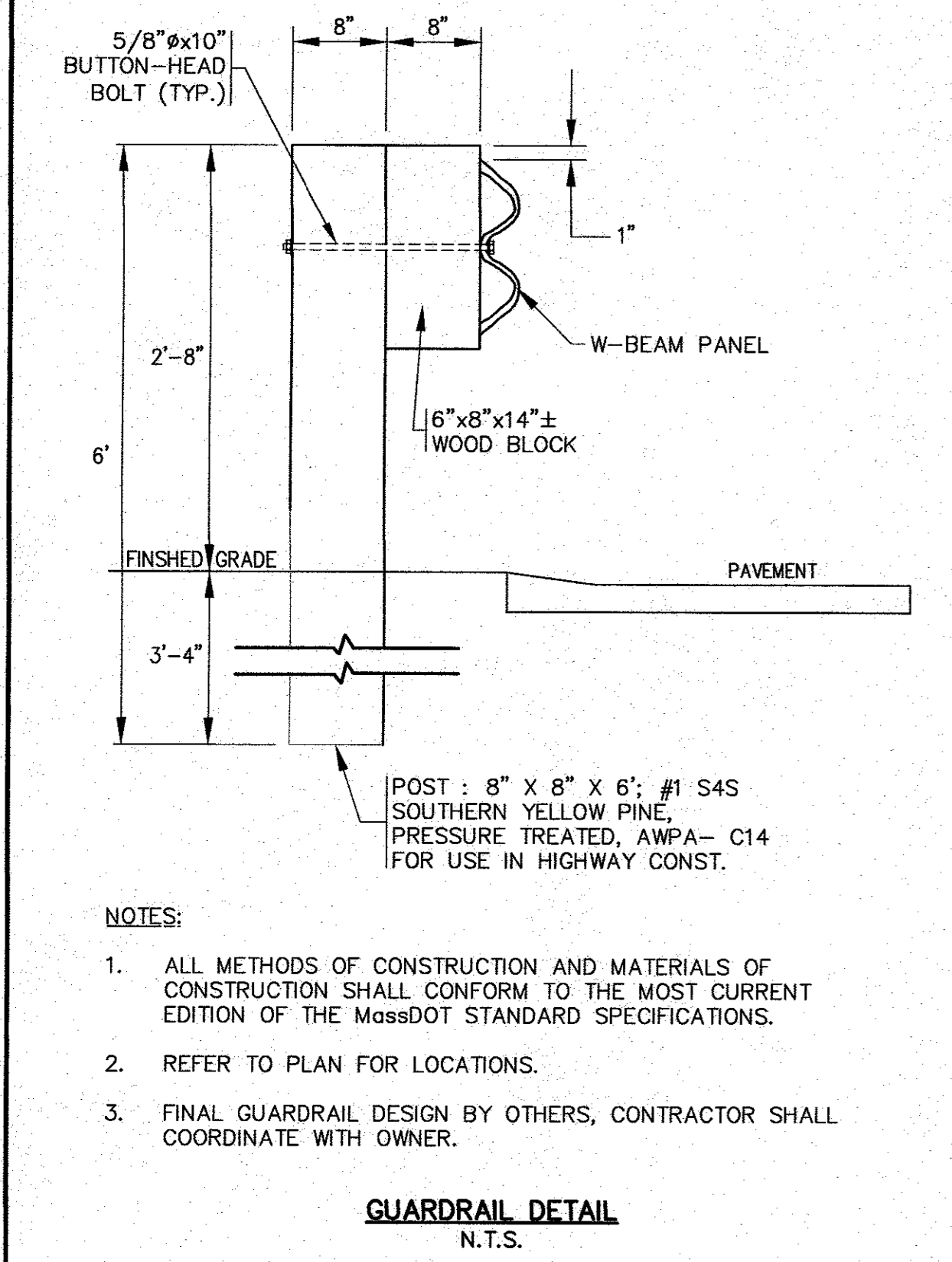
PAVEMENT SAWCUT / TRENCH REPAIR DETAIL
N.T.S.



- NOTES:**
- REFER TO MANUFACTURERS SPECIFICATIONS FOR COMPLETE DETAILS AND INSTALLATION GUIDELINES. CONTRACTOR SHALL COORDINATE WITH OWNER.
 - REFER TO PLAN FOR LOCATIONS.
 - CEMENT CONCRETE BASE SHALL BE USED AT ALL ENDS, ANGLE POINTS AND GATE POSTS. POSTS SHALL BE INSTALLED TO A DEPTH OF 2'-6" MIN. OR TO A DEPTH AS REQUIRED FOR FROST ADEQUATE PROTECTION.

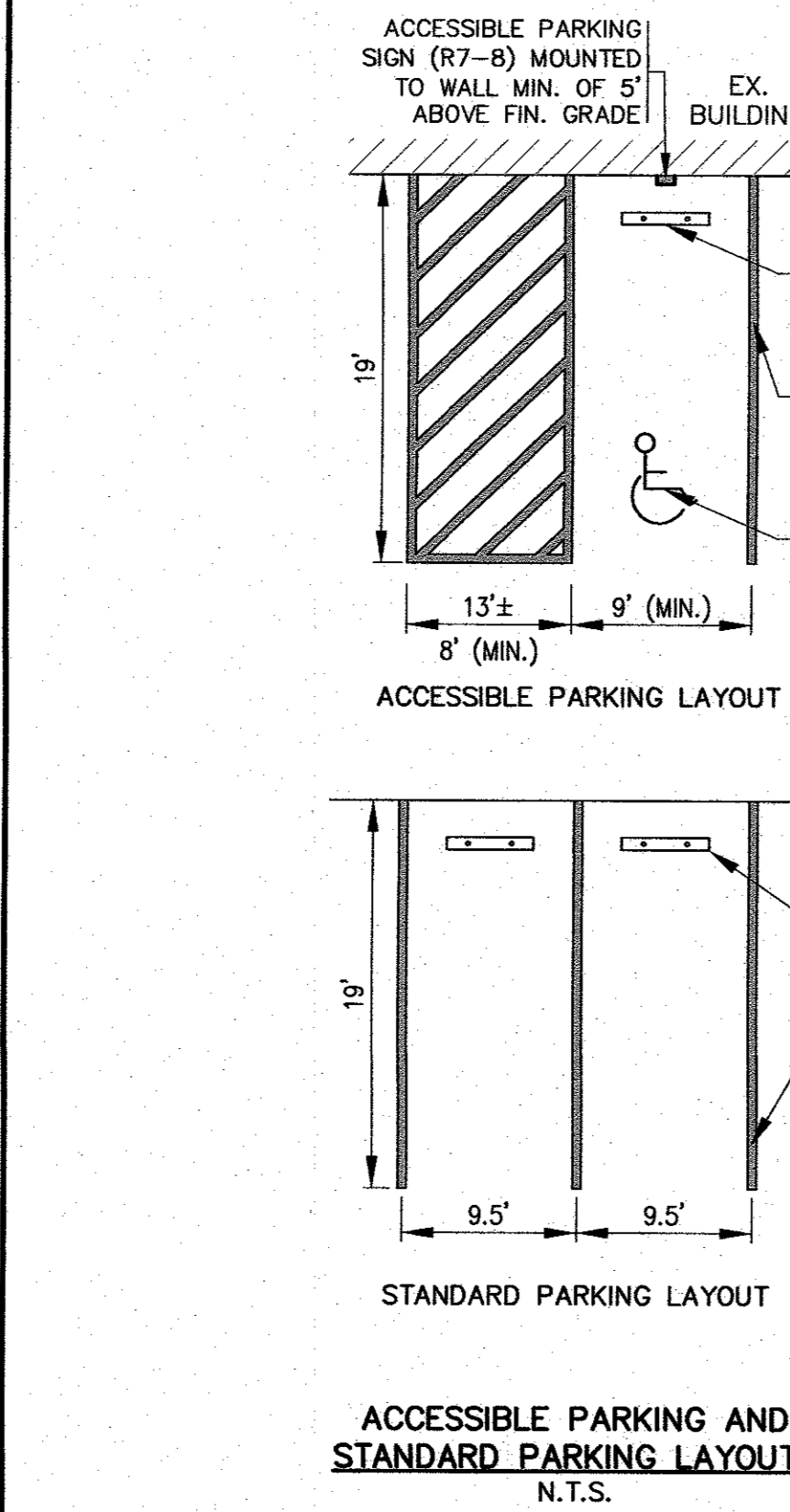
VINYL FENCE DETAIL
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CHECKED BY: WFM	JMP
JOB NO.: 21-9731	DATE: 4/28/22
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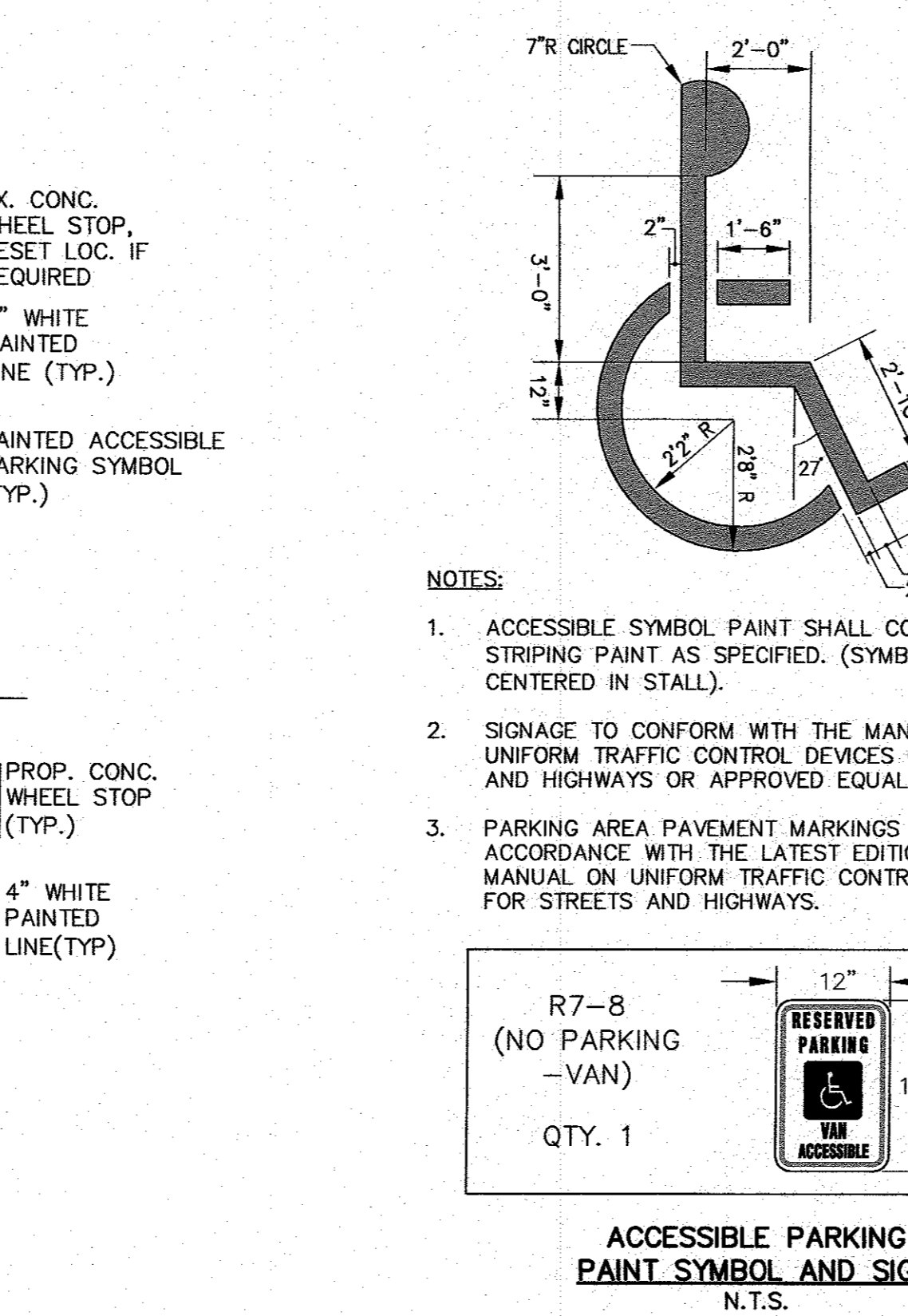
- NOTES:**
- ALL METHODS OF CONSTRUCTION AND MATERIALS OF CONSTRUCTION SHALL CONFORM TO THE MOST CURRENT EDITION OF THE MassDOT STANDARD SPECIFICATIONS.
 - REFER TO PLAN FOR LOCATIONS.
 - FINAL GUARDRAIL DESIGN BY OTHERS, CONTRACTOR SHALL COORDINATE WITH OWNER.

GUARDRAIL DETAIL
N.T.S.



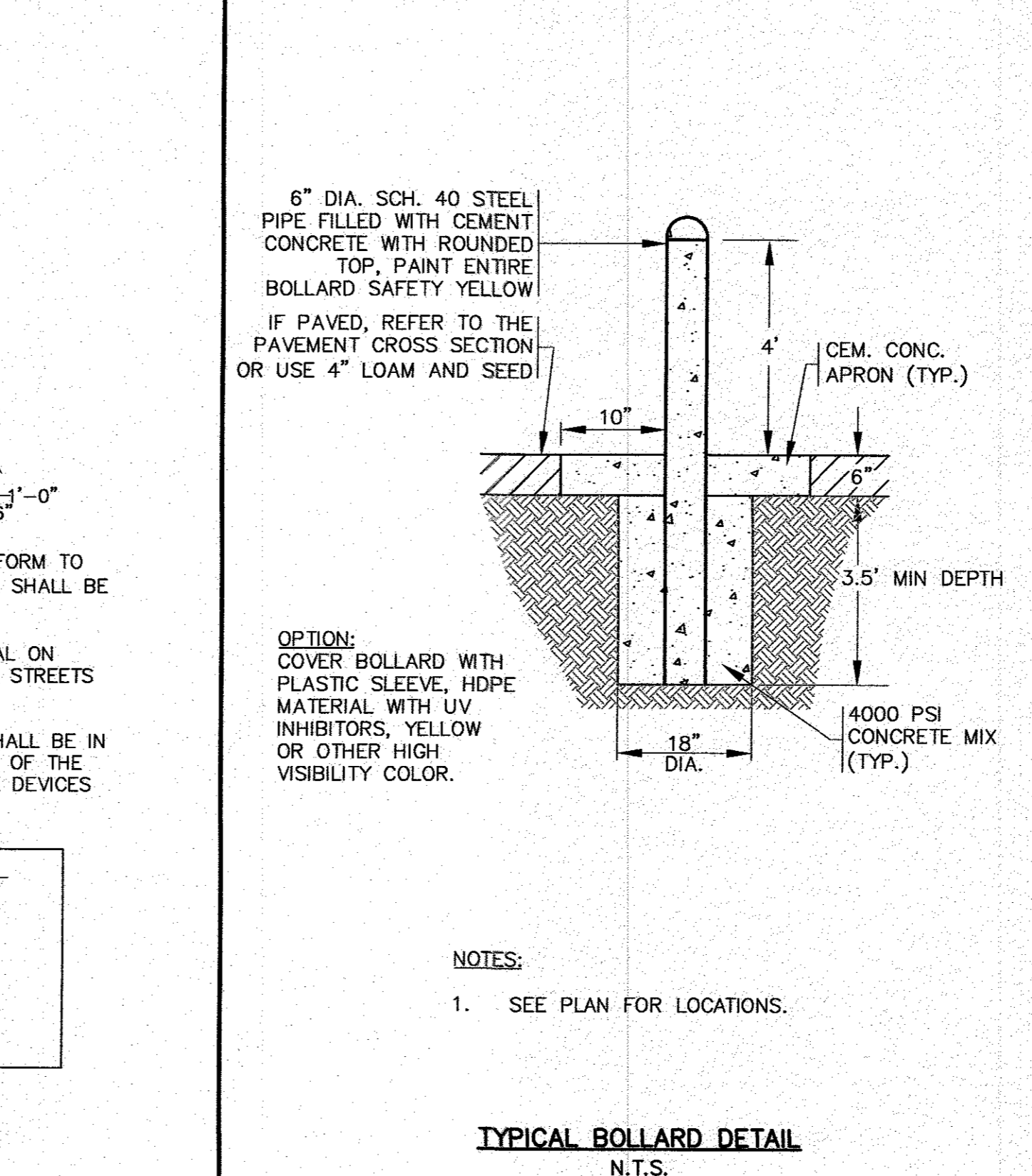
- NOTES:**
- ACCESSIBLE SYMBOL PAINT SHALL CONFORM TO STRIPING PAINT AS SPECIFIED. (SYMBOL SHALL BE CENTERED IN STALL).
 - SIGNAGE TO CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OF STREETS AND HIGHWAYS OR APPROVED EQUAL.
 - PARKING AREA PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.

ACCESSIBLE PARKING AND STANDARD PARKING LAYOUTS
N.T.S.



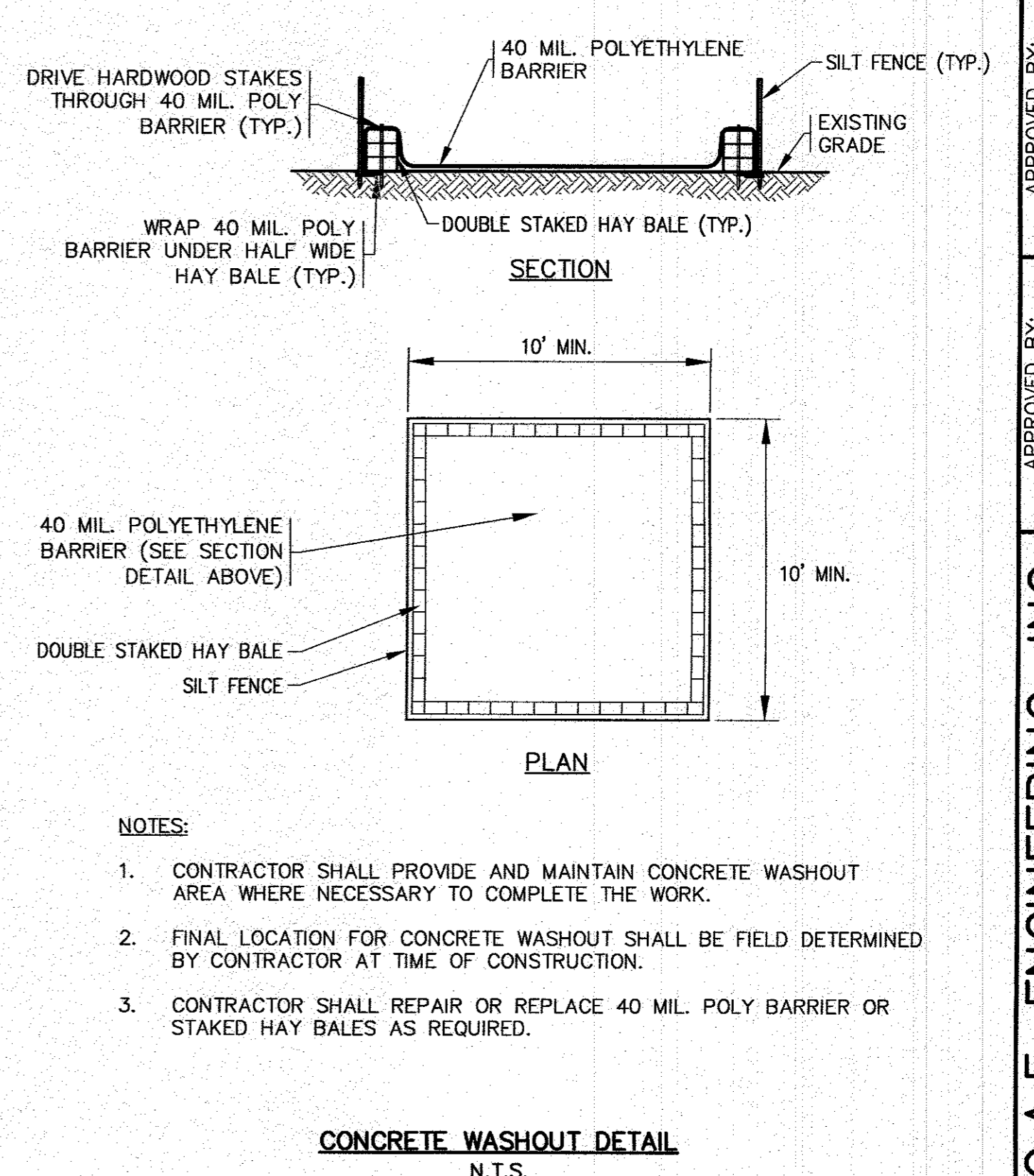
- NOTES:**
- ACCESSIBLE SYMBOL PAINT SHALL CONFORM TO STRIPING PAINT AS SPECIFIED. (SYMBOL SHALL BE CENTERED IN STALL).
 - SIGNAGE TO CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OF STREETS AND HIGHWAYS OR APPROVED EQUAL.
 - PARKING AREA PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.

ACCESSIBLE PARKING PAINT SYMBOL AND SIGN
N.T.S.



- NOTES:**
- SEE PLAN FOR LOCATIONS.

TYPICAL BOLLARD DETAIL
N.T.S.



- NOTES:**
- CONTRACTOR SHALL PROVIDE AND MAINTAIN CONCRETE WASHOUT AREA WHERE NECESSARY TO COMPLETE THE WORK.
 - FINAL LOCATION FOR CONCRETE WASHOUT SHALL BE FIELD DETERMINED BY CONTRACTOR AT TIME OF CONSTRUCTION.
 - CONTRACTOR SHALL REPAIR OR REPLACE 40 MIL. POLY BARRIER OR STAKED HAY BALES AS REQUIRED.

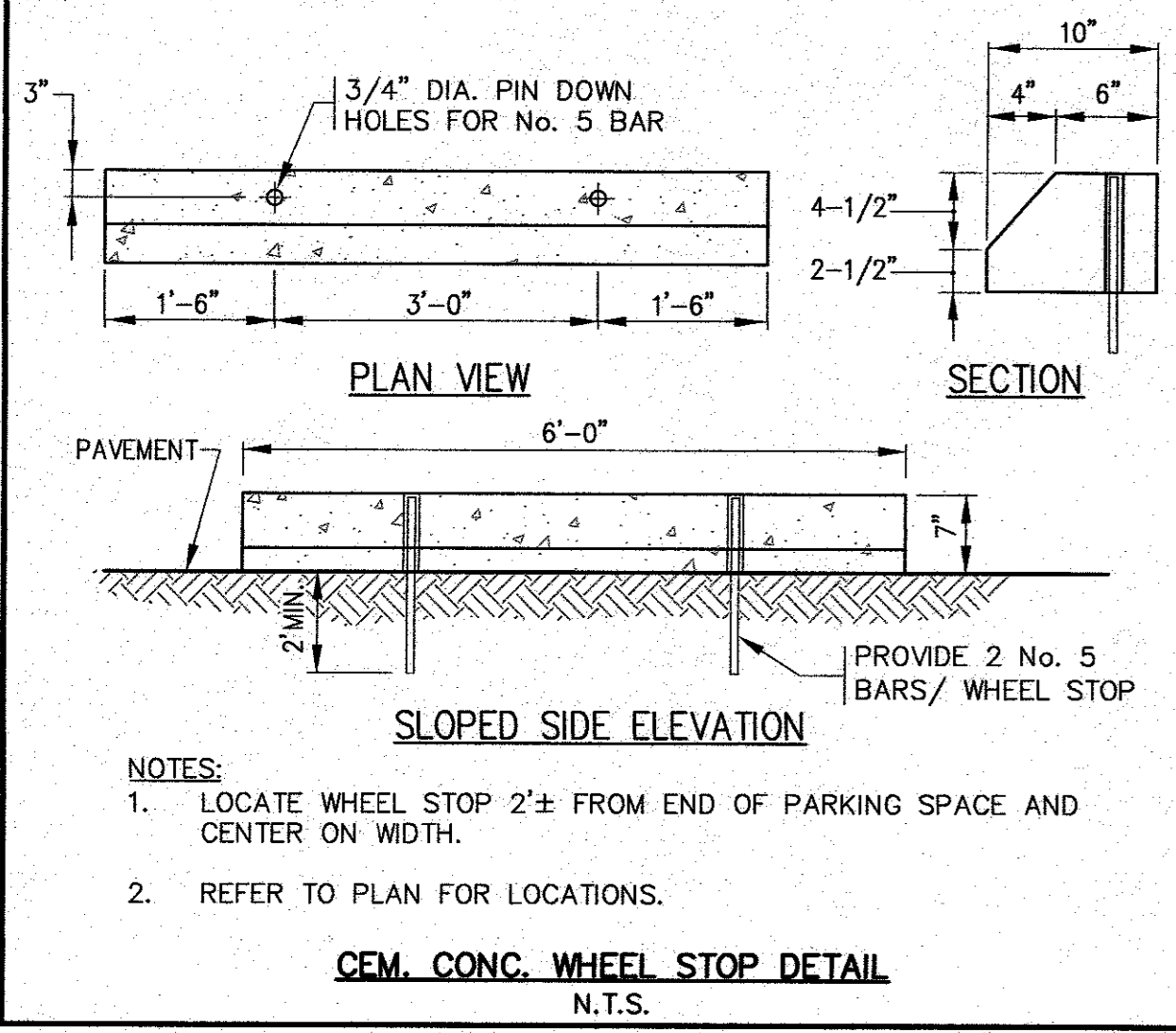
CONCRETE WASHOUT DETAIL
N.T.S.

APPROVED BY: *[Signature]*

4/28/22

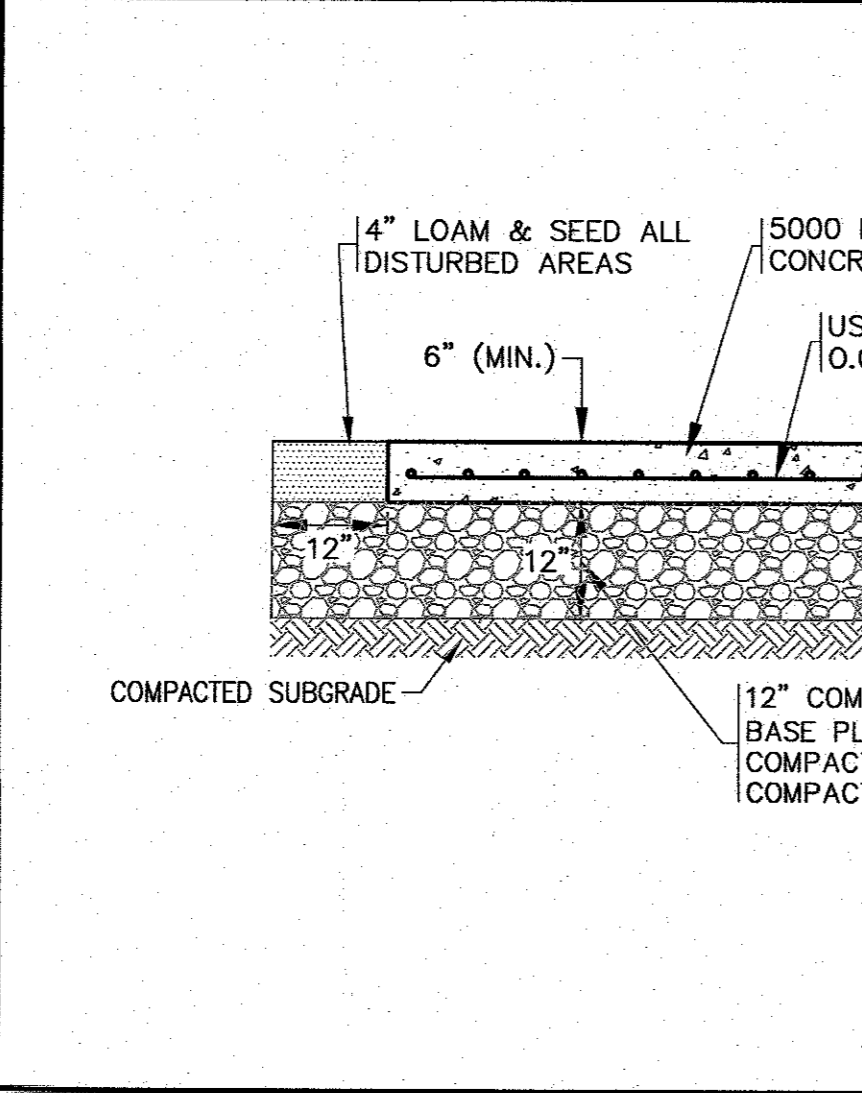
G.A.F. ENGINEERING, INC.
PROFESSIONAL ENGINEERS & LAND SURVEYORS
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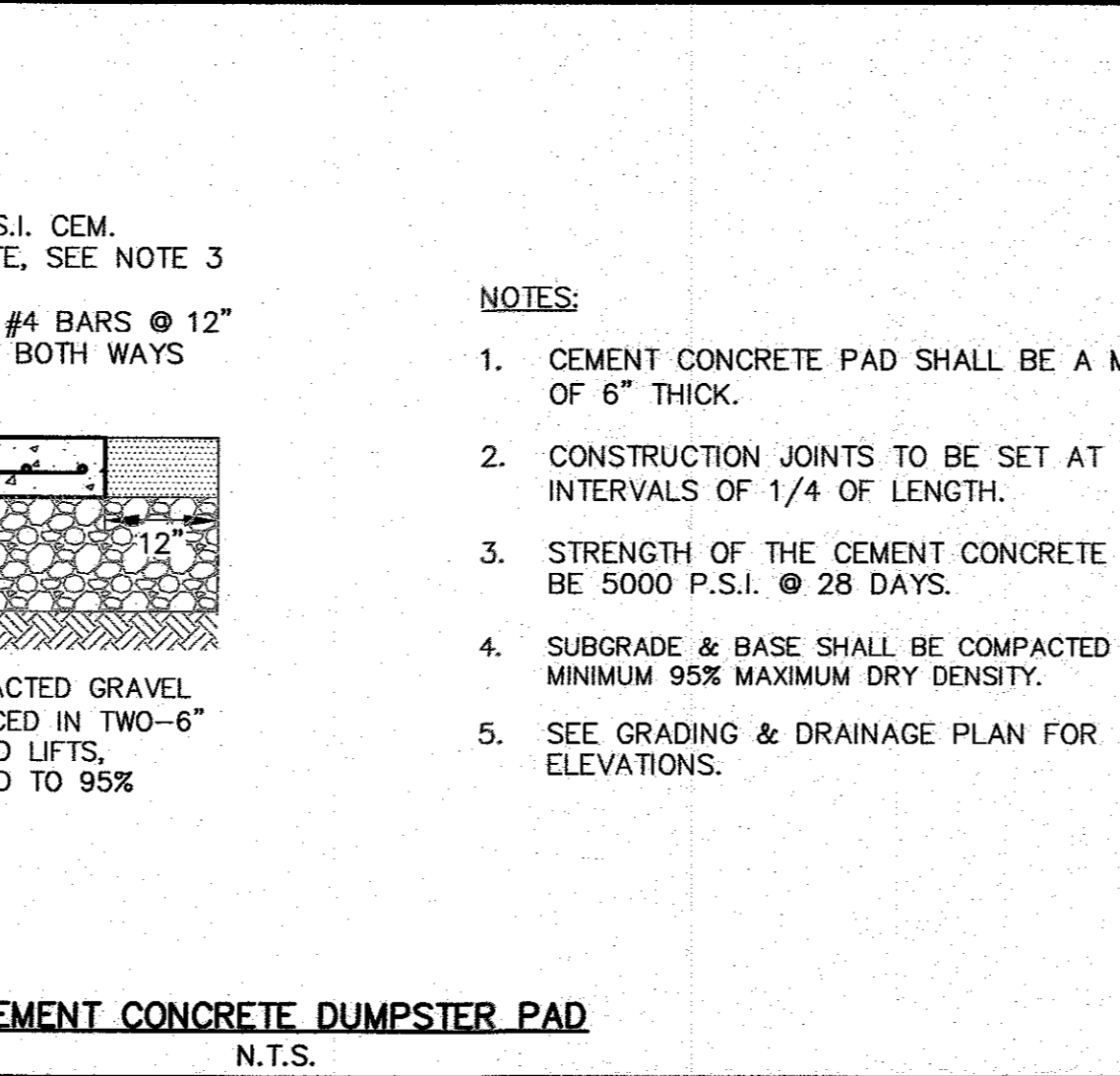
- NOTES:**
- LOCATE WHEEL STOP 2"± FROM END OF PARKING SPACE AND CENTER ON WIDTH.
 - REFER TO PLAN FOR LOCATIONS.

CEM. CONC. WHEEL STOP DETAIL
N.T.S.



- NOTES:**
- CEMENT CONCRETE PAD SHALL BE A MINIMUM OF 6" THICK.
 - CONSTRUCTION JOINTS TO BE SET AT INTERVALS OF 1/4 OF LENGTH.
 - STRENGTH OF THE CEMENT CONCRETE SHALL BE 5000 P.S.I. @ 28 DAYS.
 - SUBGRADE & BASE SHALL BE COMPACTED TO MINIMUM 95% MAXIMUM DRY DENSITY.
 - SEE GRADING & DRAINAGE PLAN FOR ELEVATIONS.

CEMENT CONCRETE DUMPSTER PAD
N.T.S.



- NOTES:**
- ALL PAVEMENT SHALL BE IN ACCORDANCE WITH MassDOT MATERIAL SPEC. SECTION 460 & 401, UNLESS OTHERWISE NOTED.
 - GRAVEL BASE SHALL CONFORM TO MassDOT MATERIAL SPEC. SECTION M1.03.0 TYPE C.
 - SUBGRADE & BASE SHALL BE COMPACTED TO MINIMUM 95% MAXIMUM DRY DENSITY.
 - FINE GRADE THE GRAVEL TO 9" BELOW FINISHED GRADE PRIOR TO PAVING OF DENSE GRADED CRUSHED STONE.

TYPICAL BITUMINOUS PAVING SECTION
N.T.S.

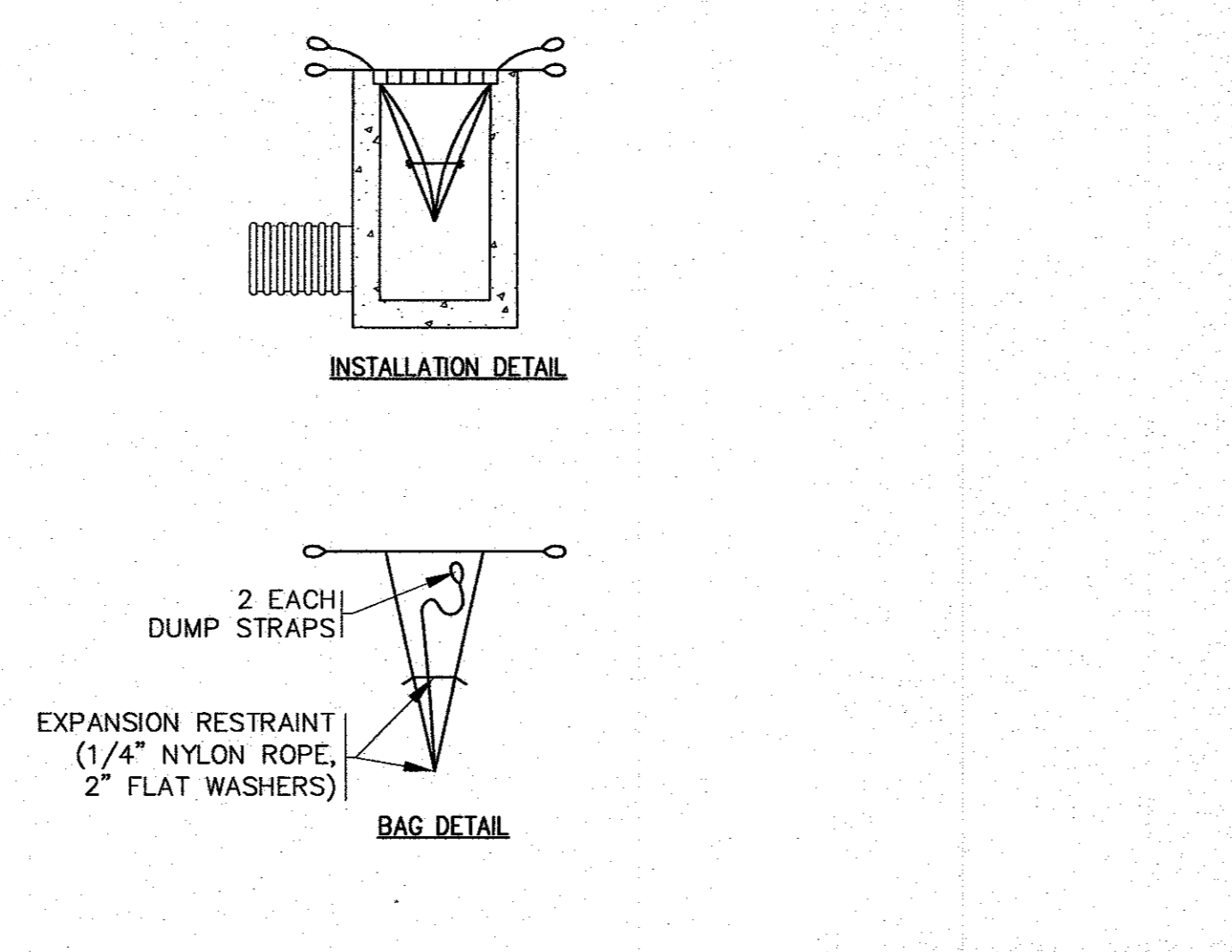
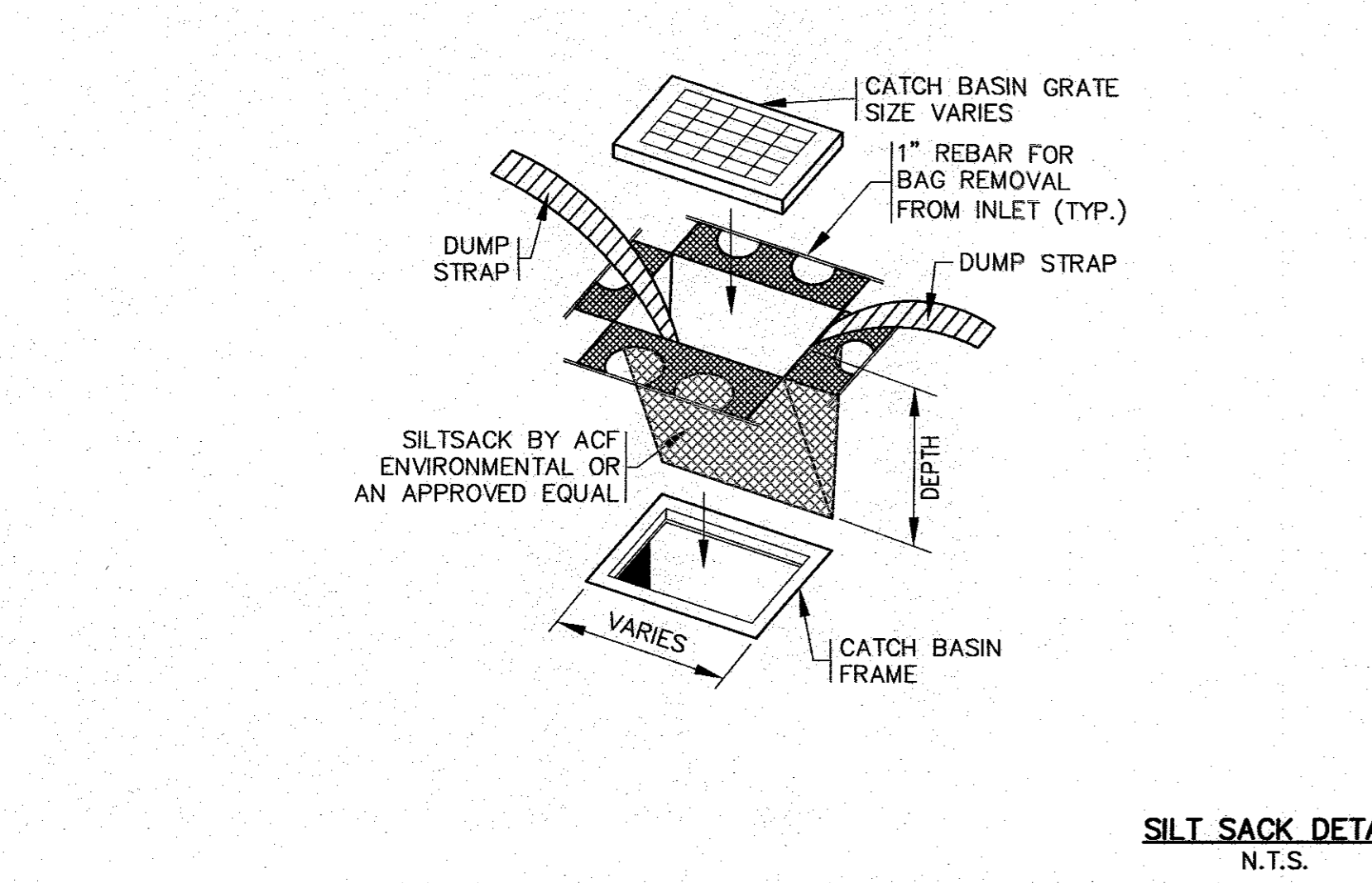
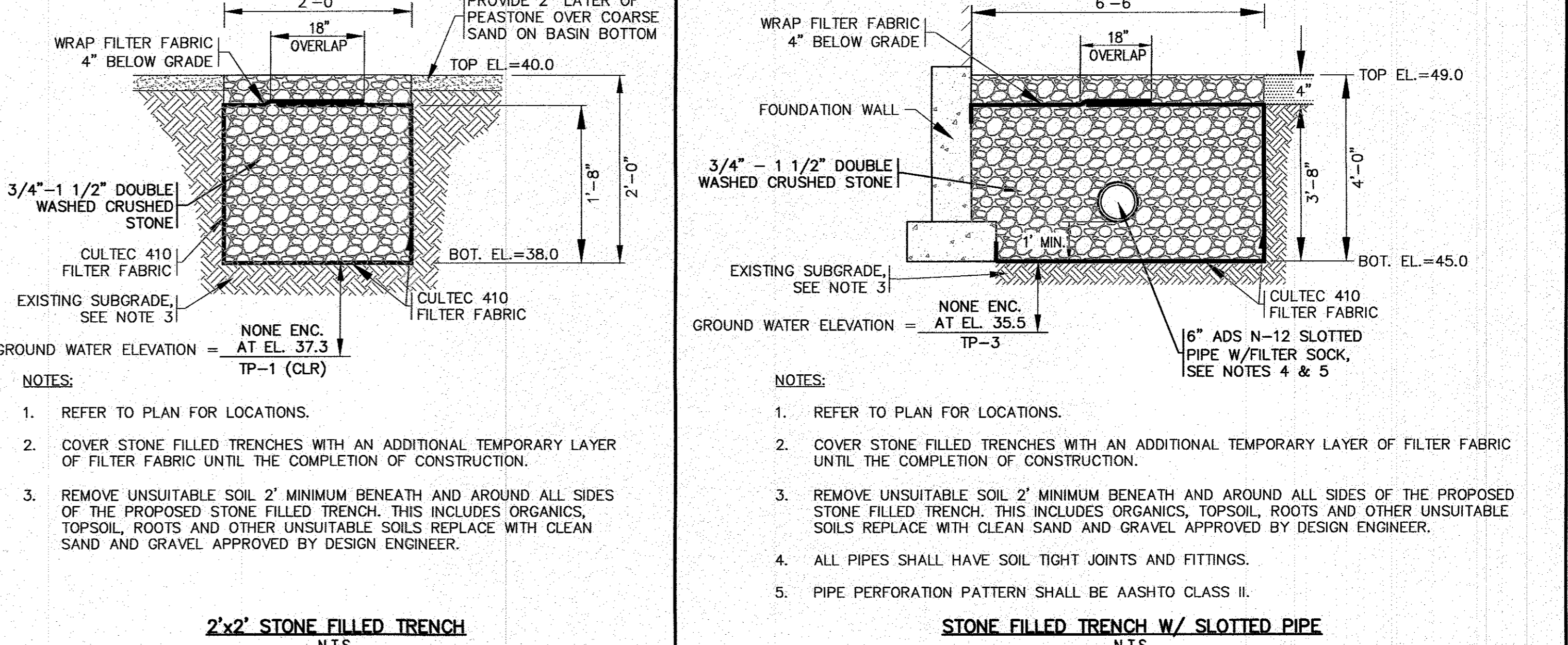
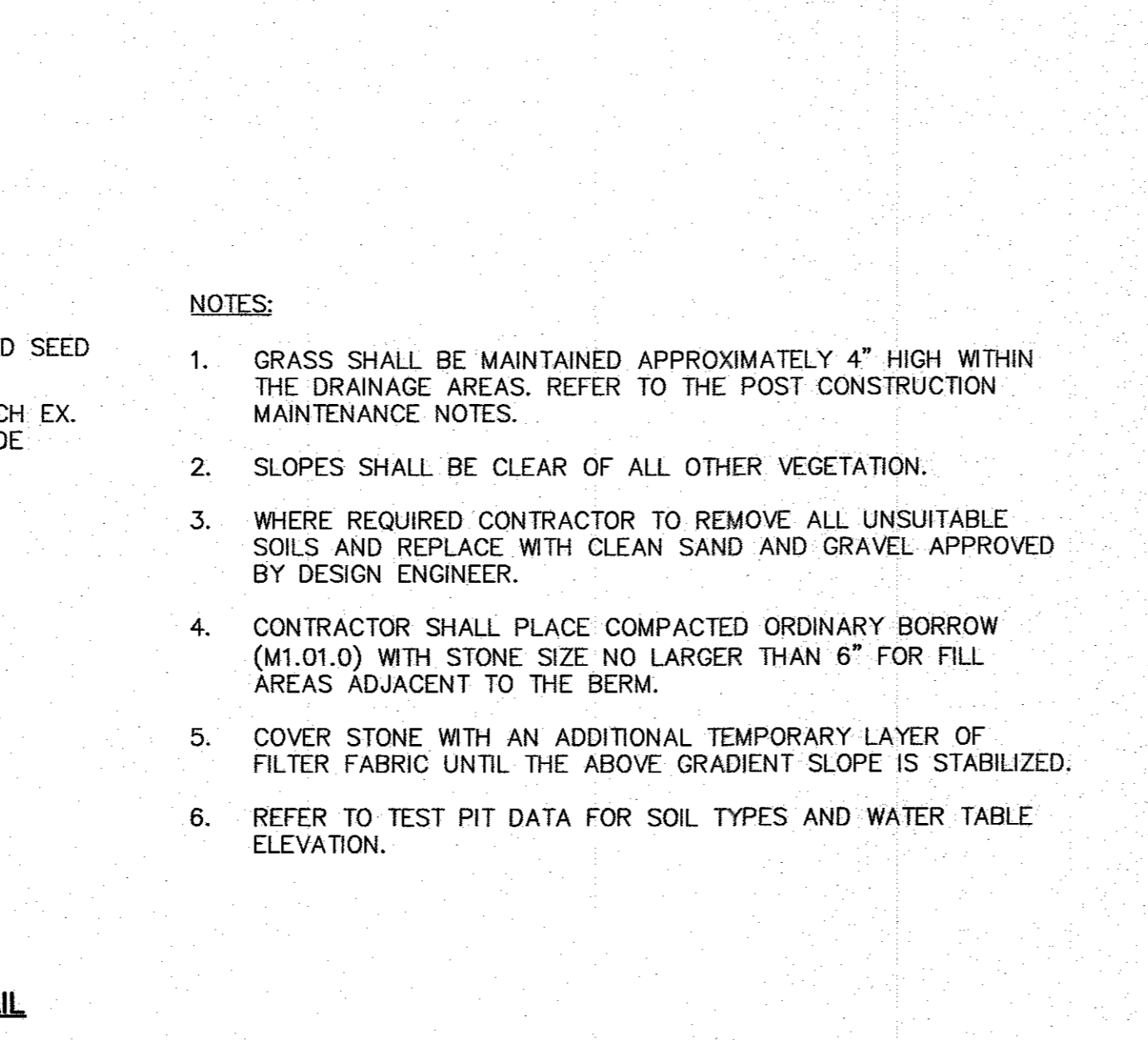
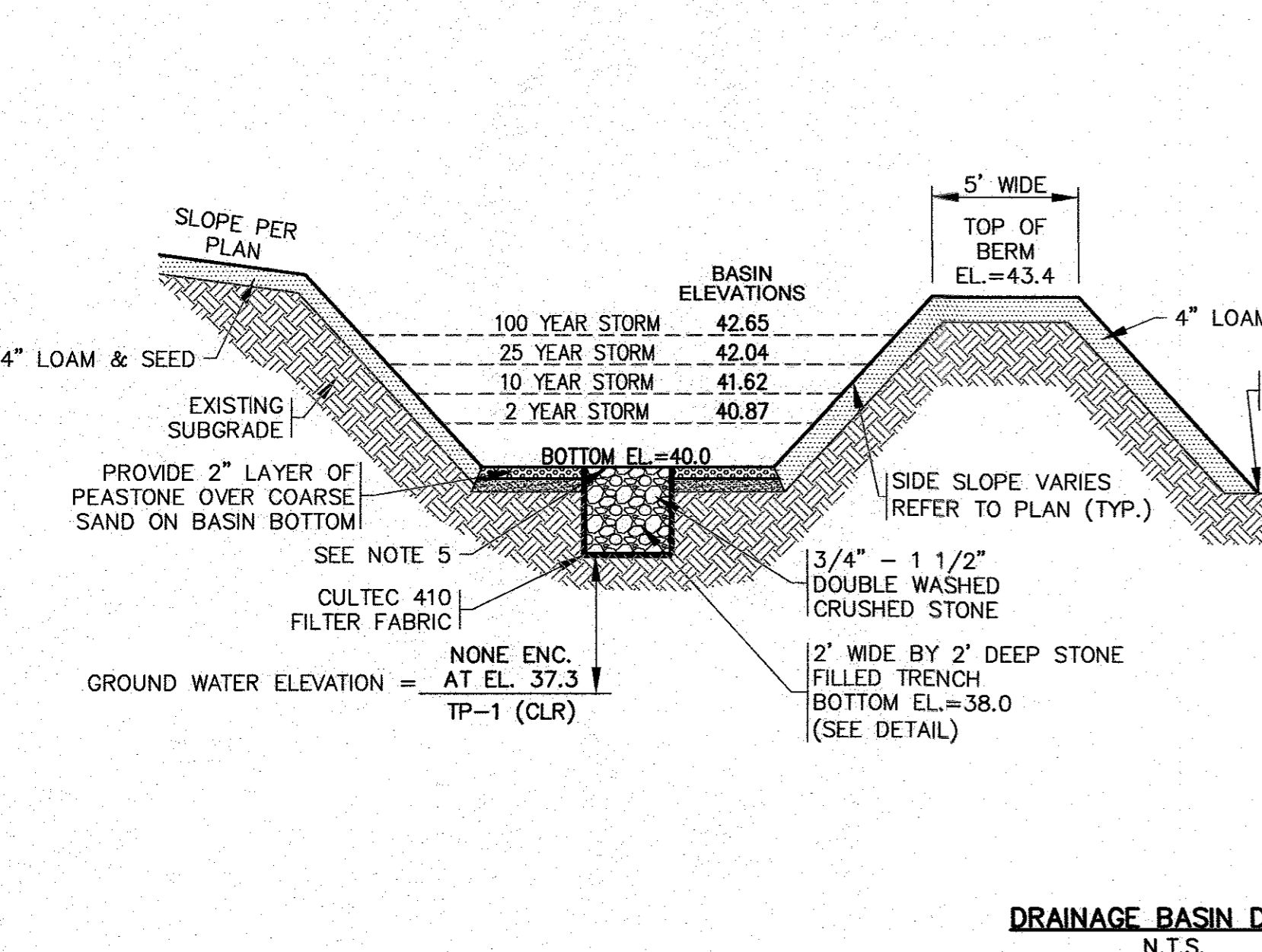
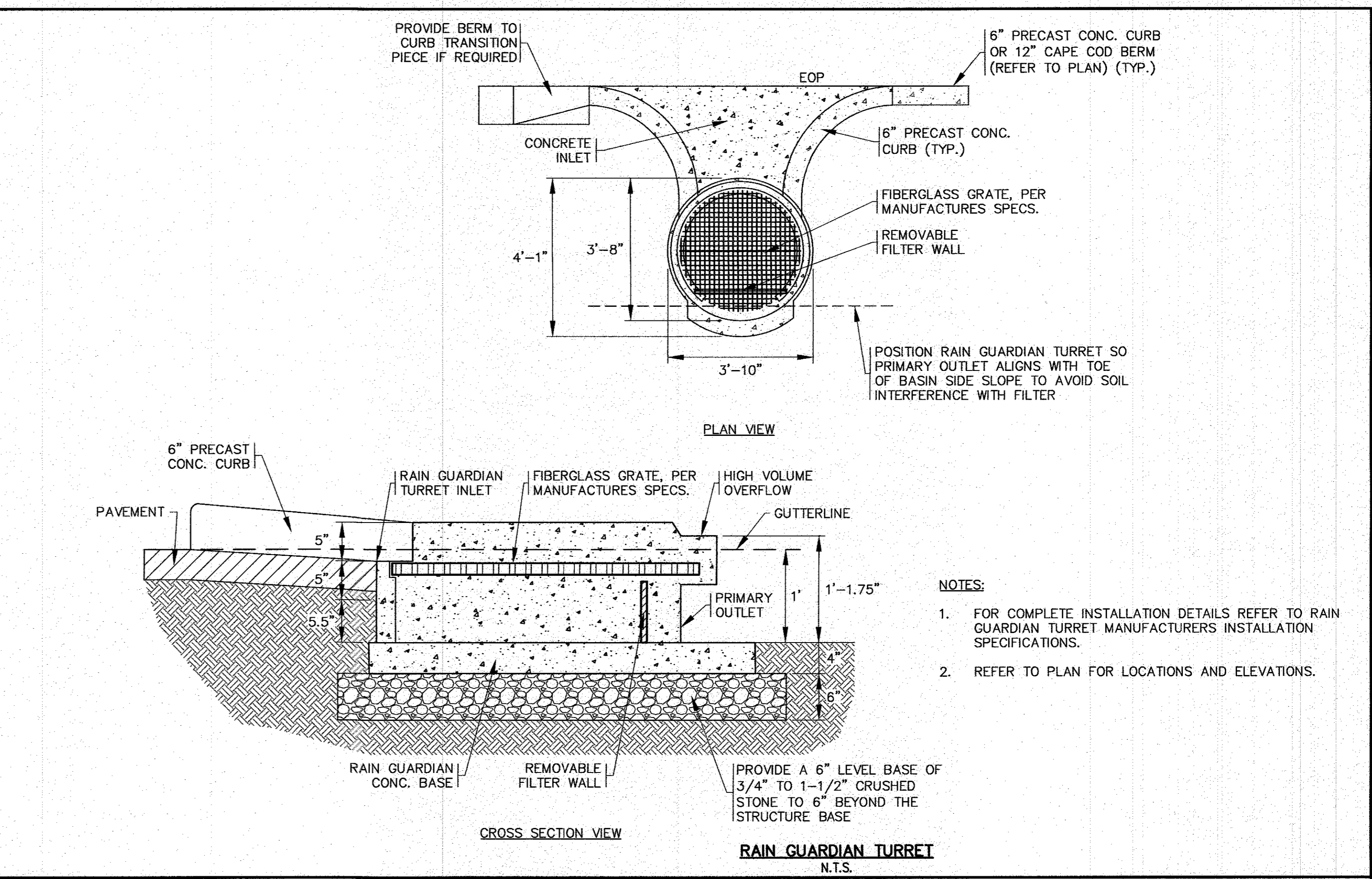
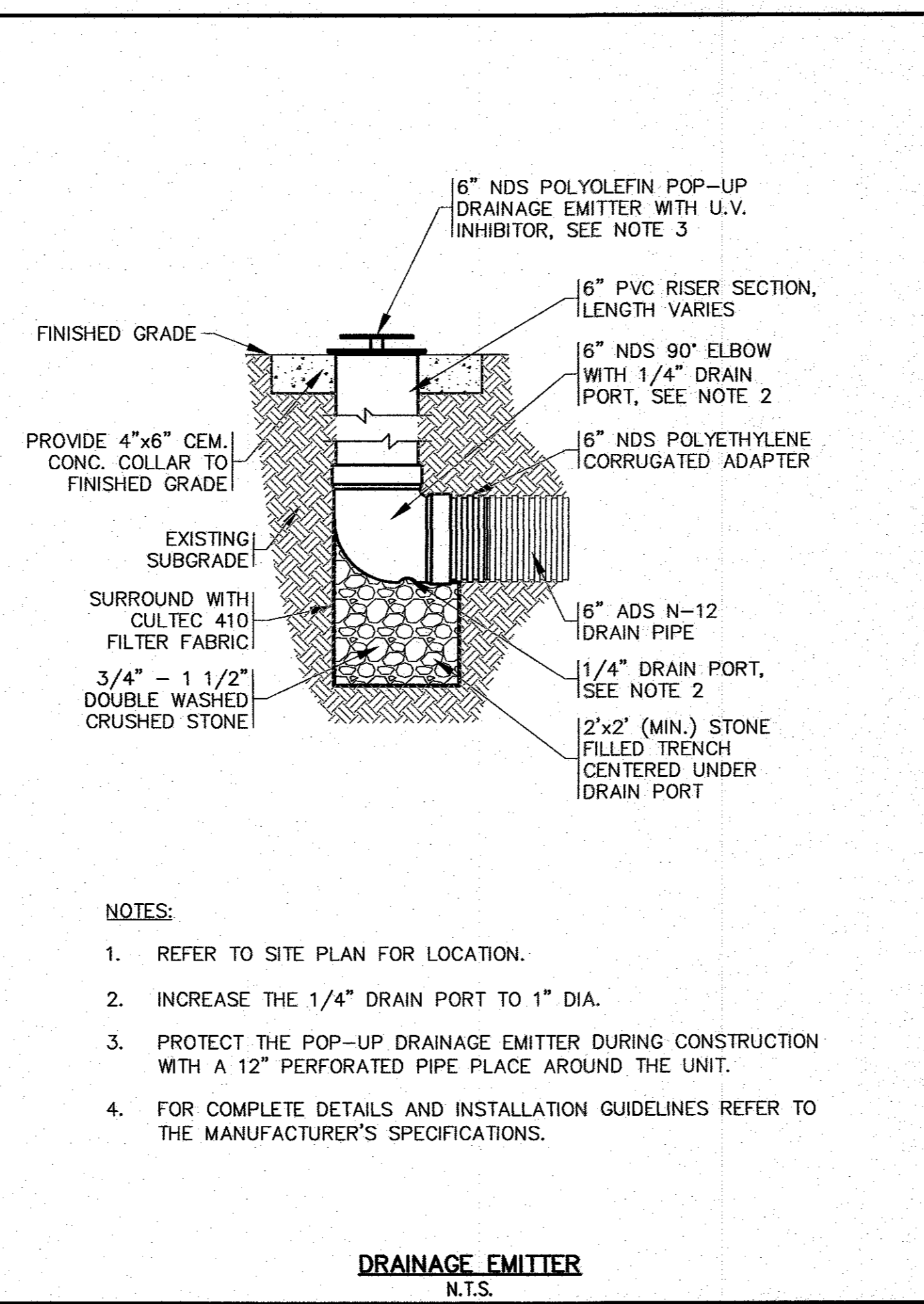
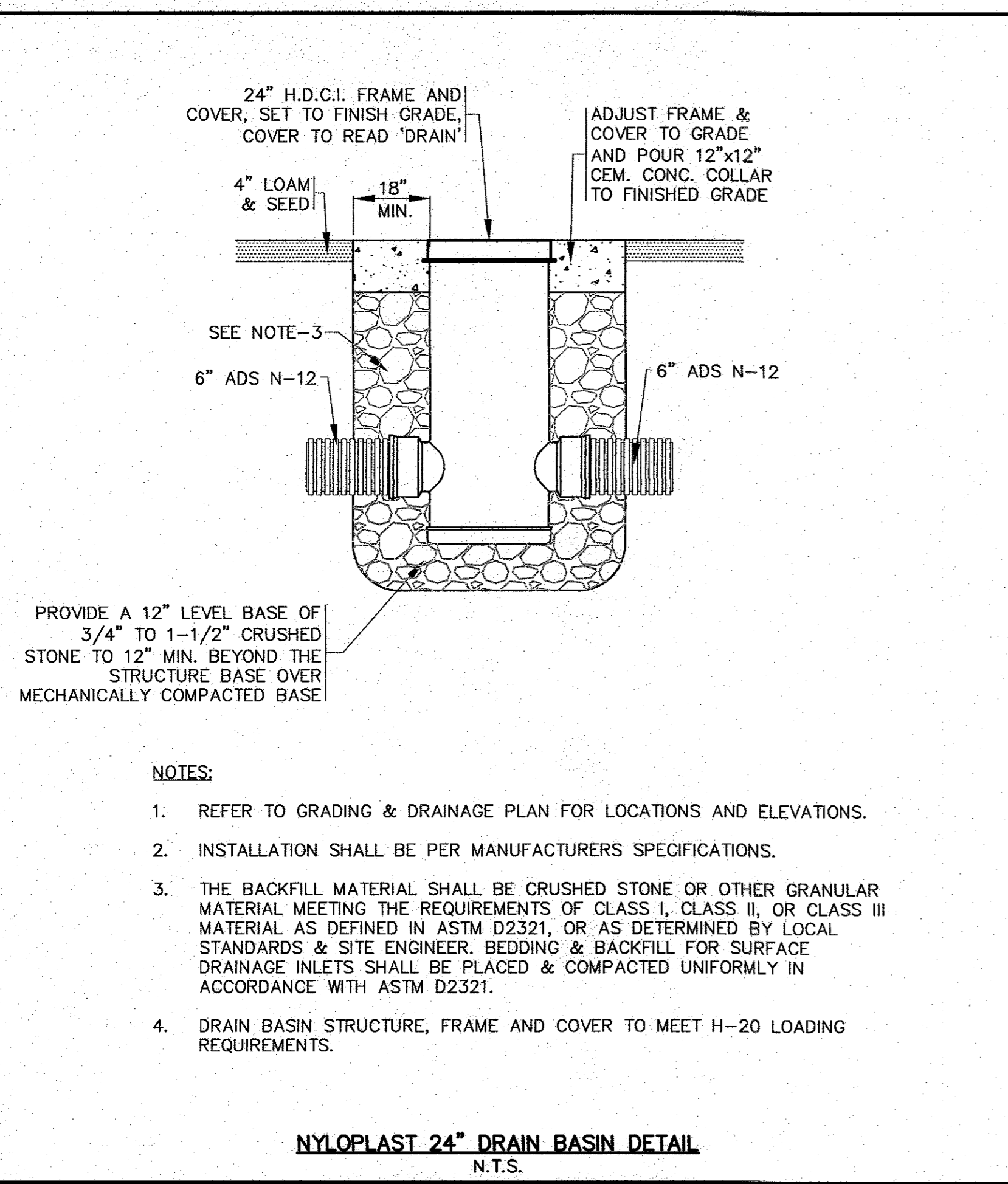
PERMIT SET
(NOT FOR CONSTRUCTION)

SITE IMPROVEMENTS PLAN
DETAIL SHEET 1

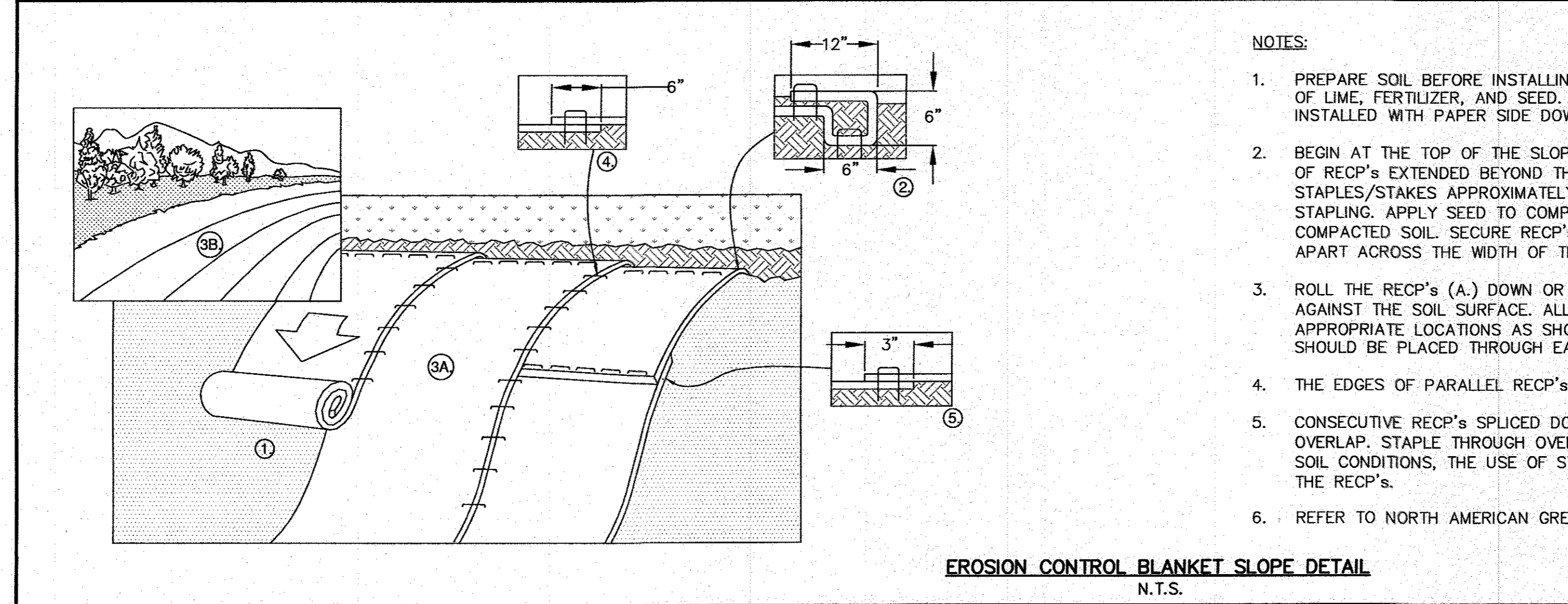
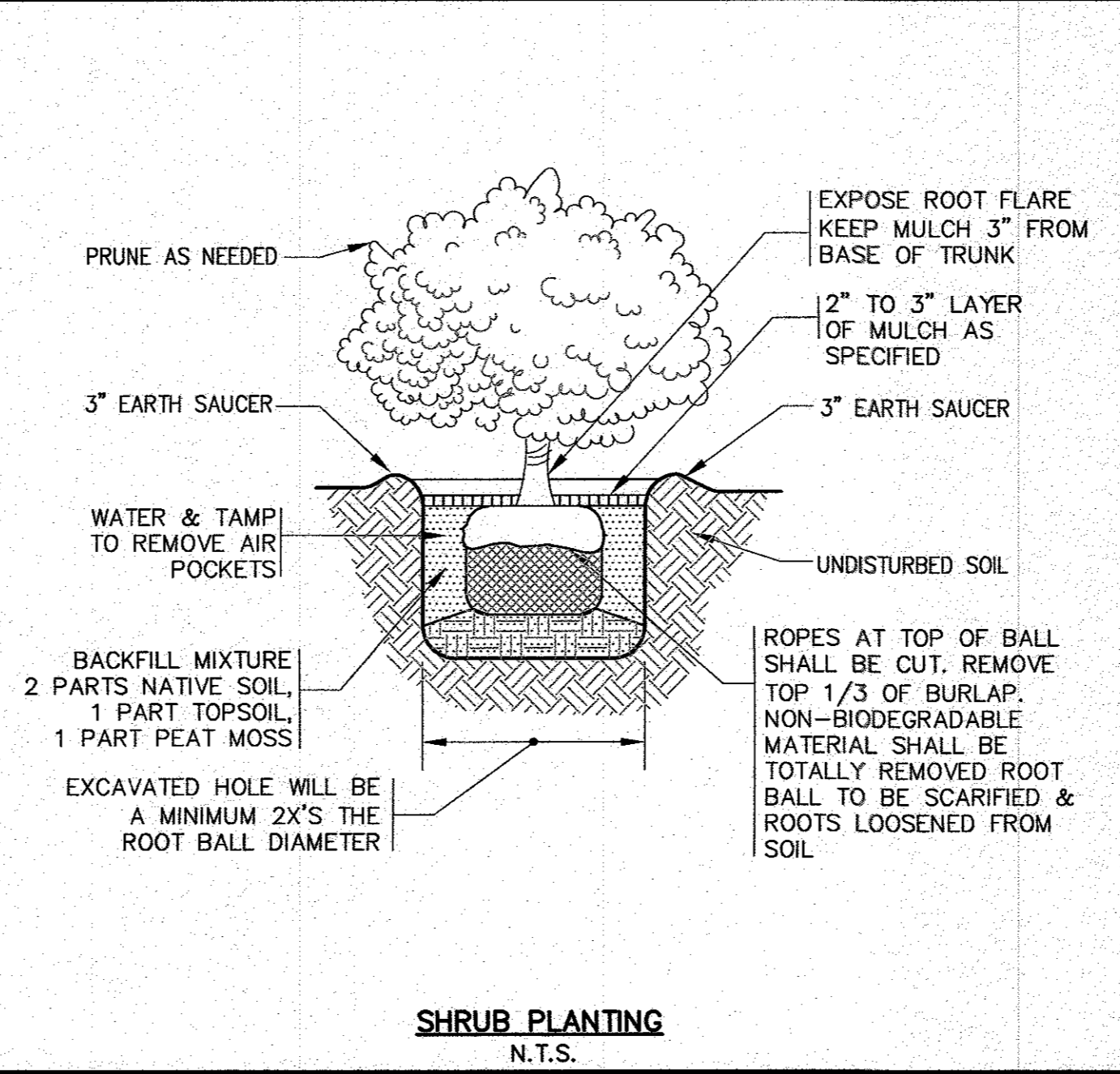
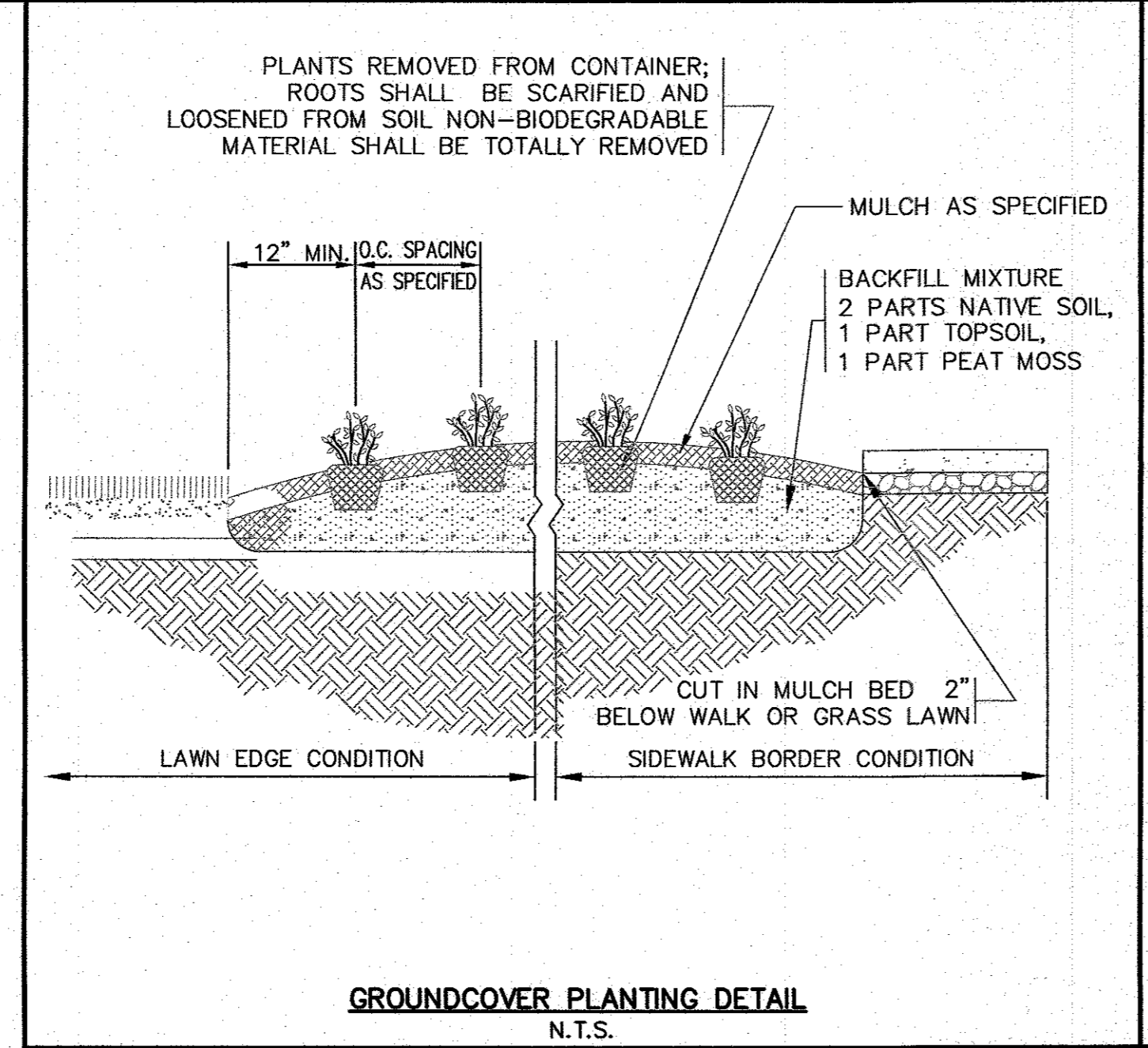
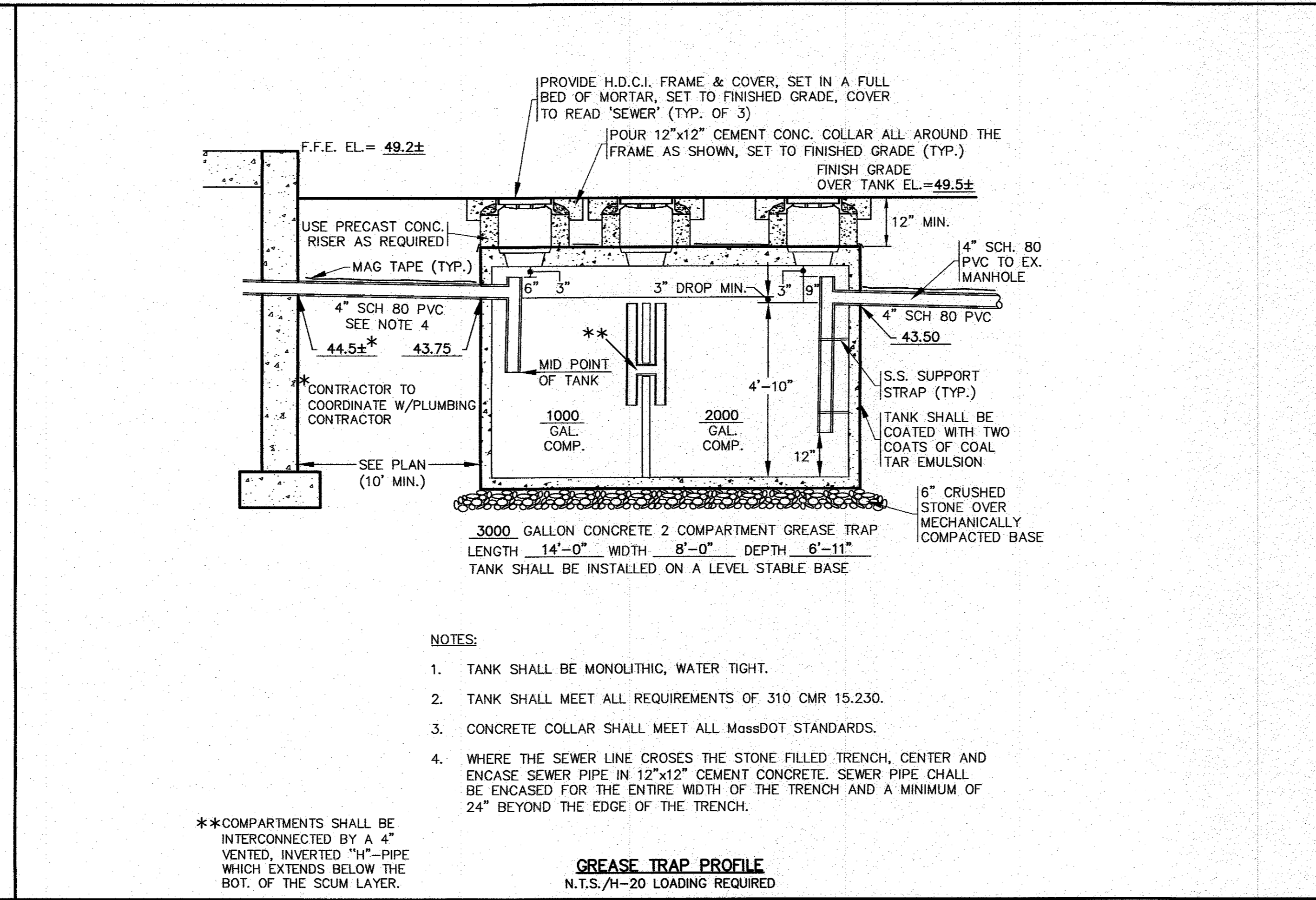
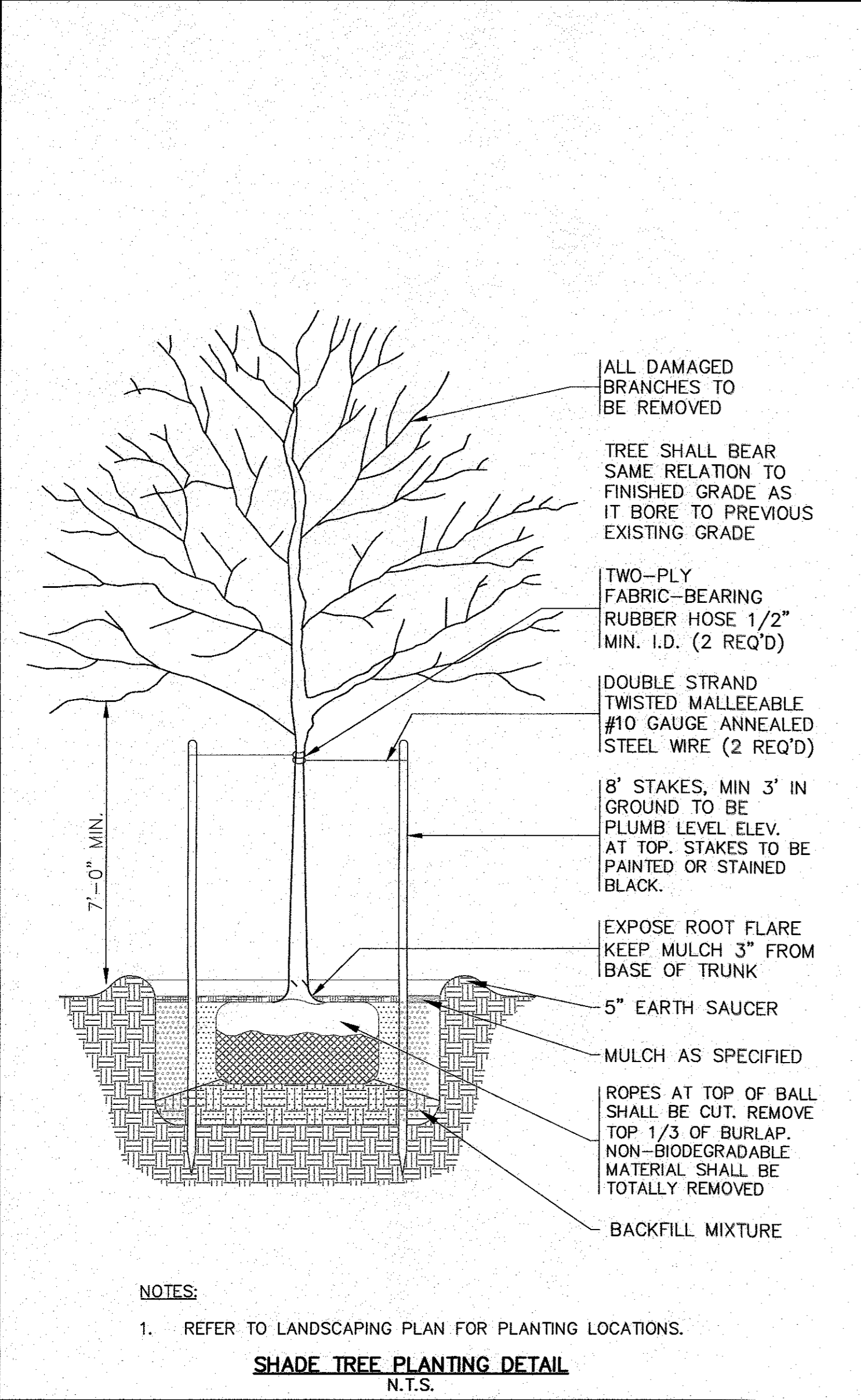
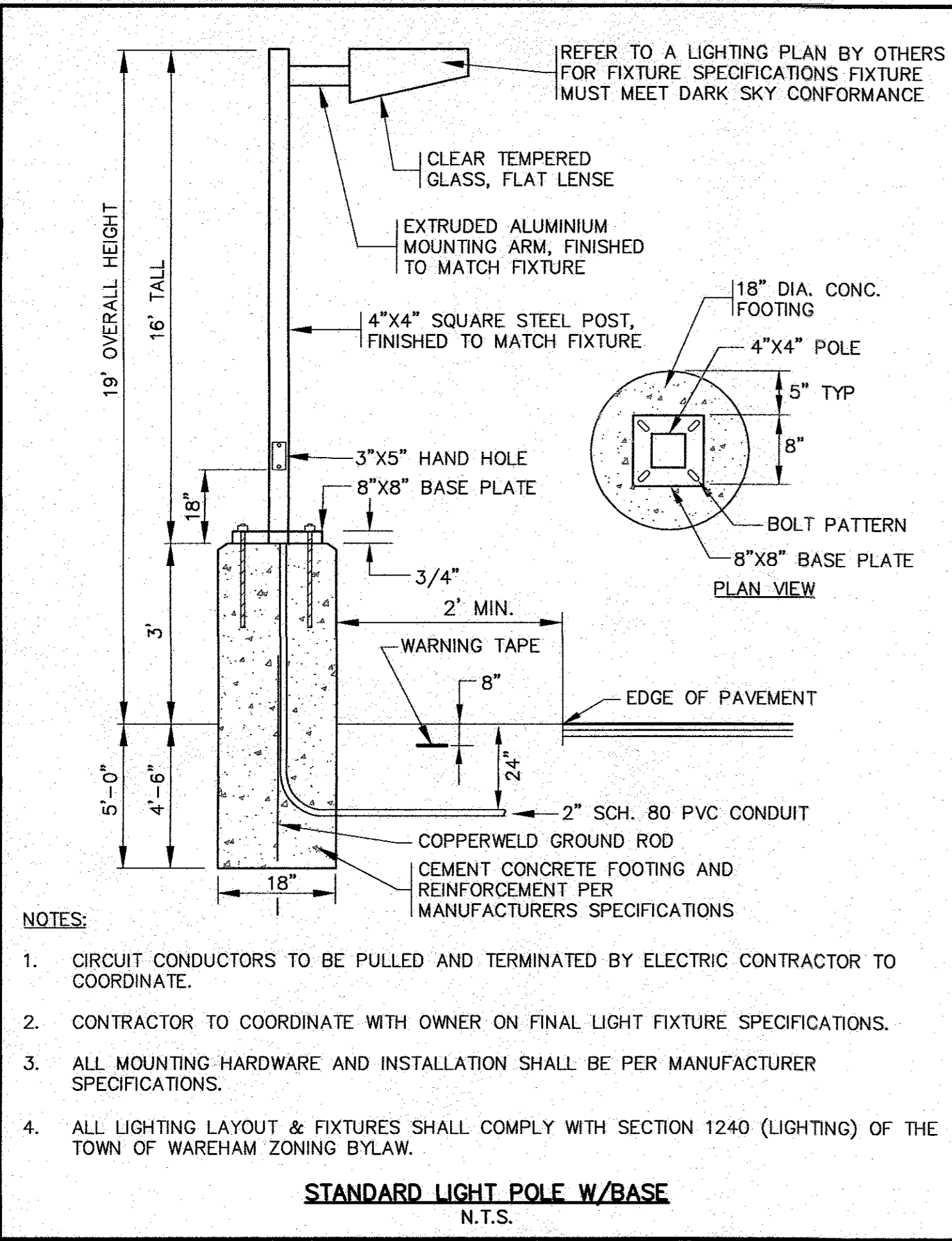
PREPARED FOR:
3 KENDRICK ROAD, LLC
3 KENDRICK ROAD
WAREHAM, MA
P.O. BOX 1135
MARION, MA

JOB NO.: 21-9731

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