

3 KENDRICK ROAD, LLC

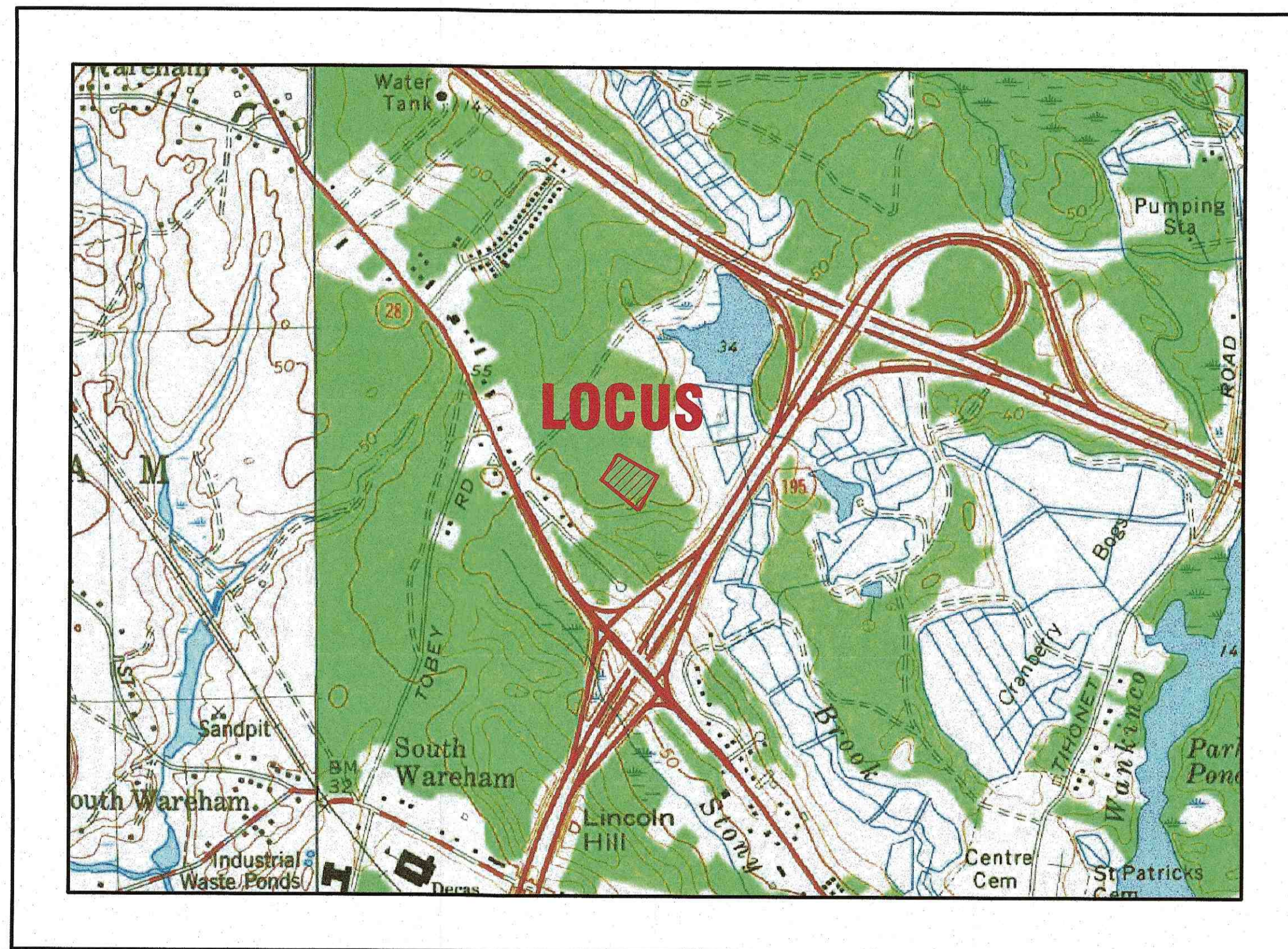
SITE IMPROVEMENTS PLAN

3 KENDRICK ROAD

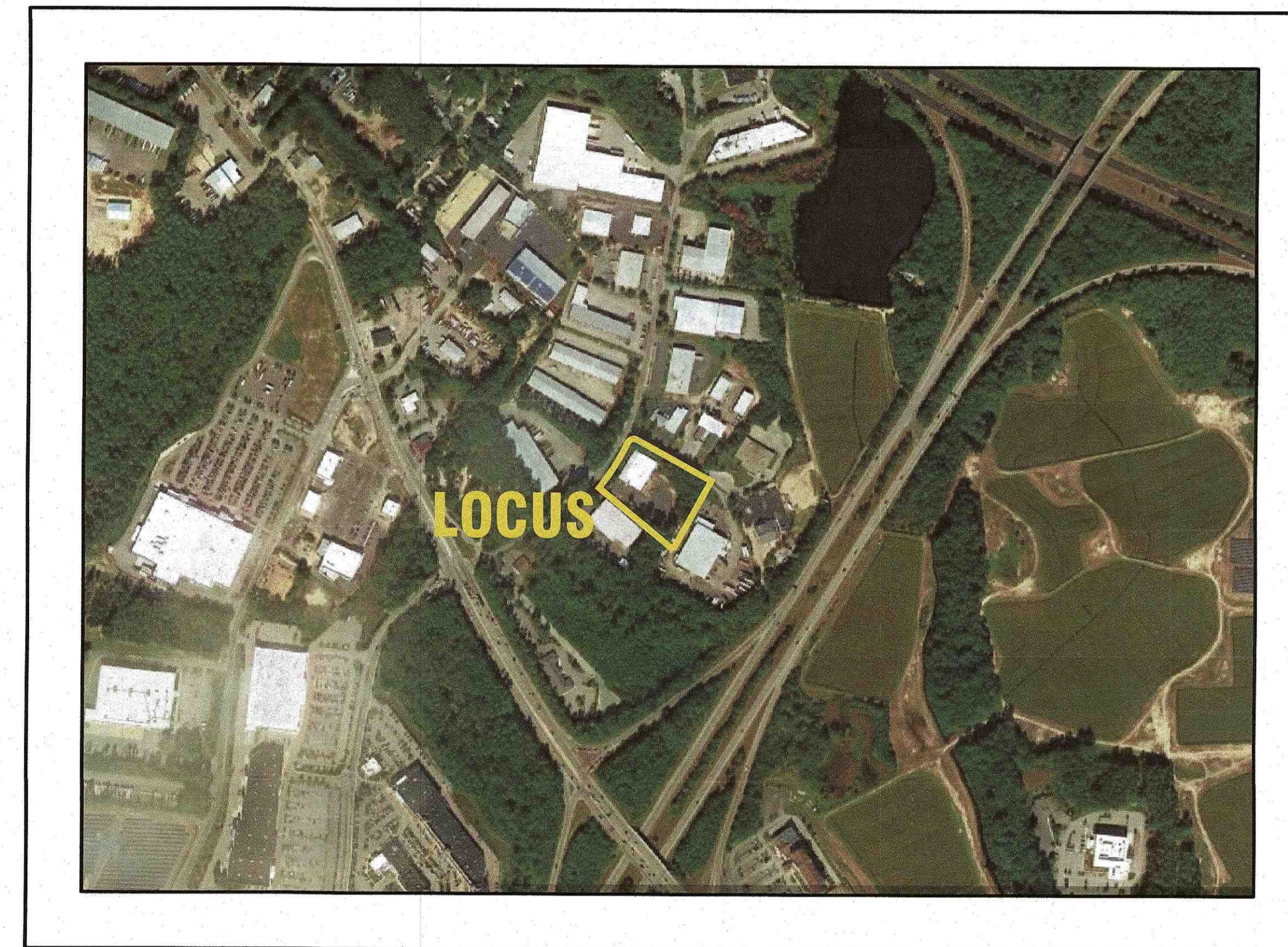
WAREHAM, MASSACHUSETTS

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

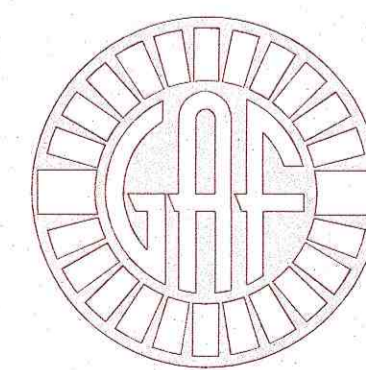
ZONING DISTRICT: INDUSTRIAL
 ASSESSOR'S MAP: 108
 ASSESSOR'S LOT: 1006.C
 REQUIRED LOT AREA: 30,000 S.F.
 REQUIRED ROAD FRONTAGE: 150'
 FRONT SETBACK: 20'
 SIDE & REAR SETBACK: 10'
 MAX. PRINCIPAL BUILDING HEIGHT: 50'
 MAX. BUILDING COVERAGE: 50%
 MAX. LOT COVERAGE: 70%
 WATER SUPPLY: TOWN WATER
 SANITARY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



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

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
10	DETAIL SHEET 3
A-1	ARCHITECTURAL ELEVATIONS

FLOOD ZONE DATA:

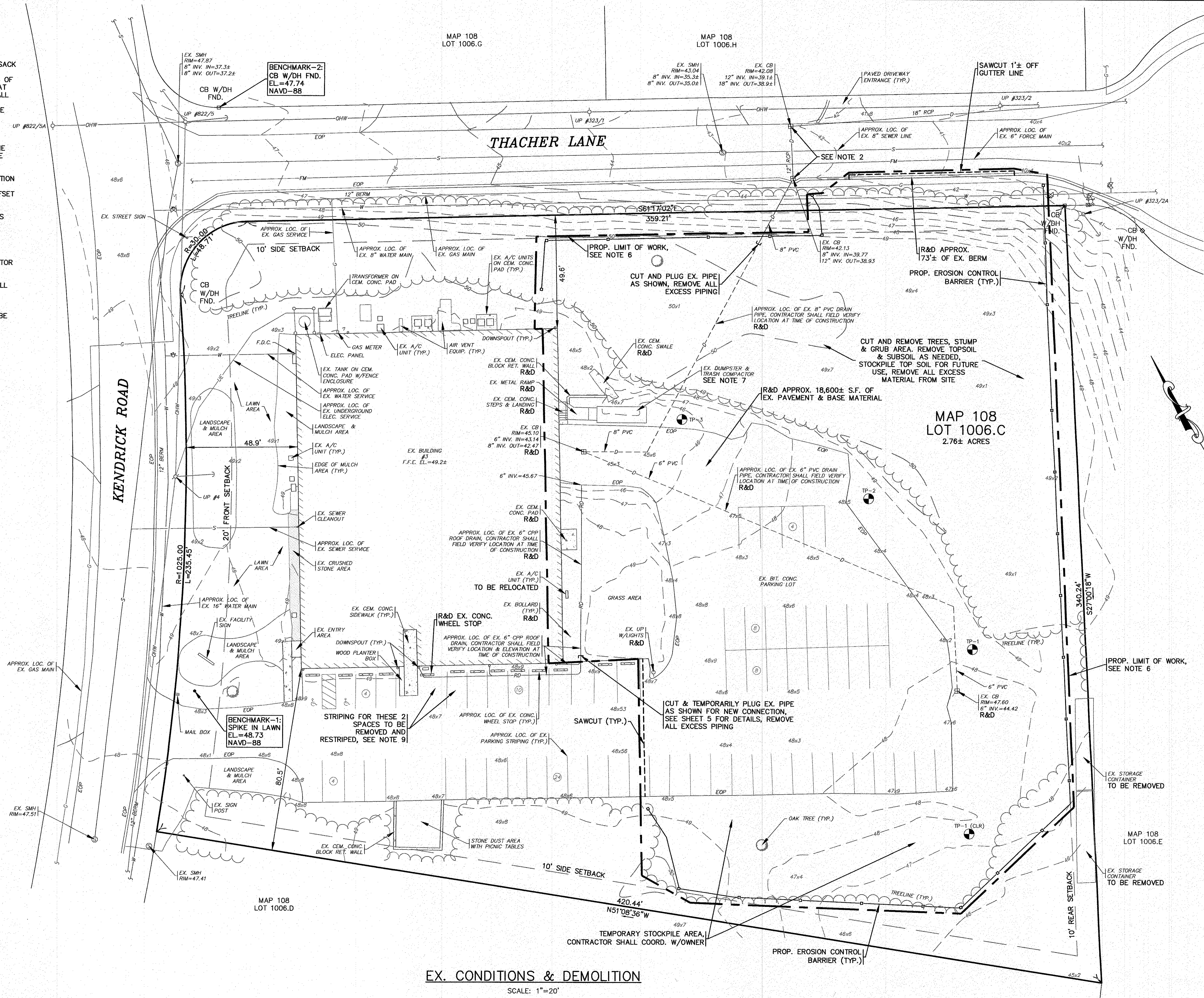
THE PROJECT IS WITHIN FLOOD ZONE X.
 REFER TO THE F.E.M.A. FLOOD INSURANCE
 RATE MAP PANEL NUMBER 25023C0488K,
 DATED: JULY 6, 2021.

DATE: FEB. 10, 2022	DRAWN BY: JMP	CHECKED BY: WFM	JOB NO.: 21-9731	SCALE: AS NOTED
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 <small>COPYRIGHT © 2022 G.A.F. ENGINEERING, INC. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED, OR TRANSMITTED BY ANY MEANS, ELECTRONIC AND/OR MECHANICAL, PHOTOCOPYING, WHAT-SOEVER, WITHOUT THE WRITTEN CONSENT OF G.A.F. ENGINEERING, INC. WITH THE EXCEPTION OF ANY REPRODUCTION BY THE BUSINESS UNDER ITS JURISDICTION. ANY MODIFICATIONS MADE TO THIS DOCUMENT WITHOUT THE OFFICIAL BUSINESS UNDER G.A.F. ENGINEERING, INC. SHALL BE DEEMED UNLAWFUL.</small>				
SITE IMPROVEMENTS PLAN	WAREHAM, MA	PREPARED FOR:		
COVER SHEET		3 KENDRICK ROAD, LLC		
		P.O. BOX 1135		
		MARION, MA		
JOB NO.: 21-9731	REV.	DATE	BY	APP'D
DWG. 1 OF 10				

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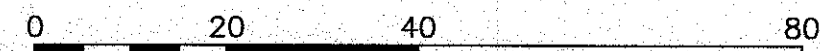
NOTES:

- 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.
- 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.
- PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
- A PERMANENT SITE BENCHMARK WILL BE SET PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH ENGINEER.
- 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.
- THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
- EXISTING DUMPSTER SHALL BE RELOCATED, CONTRACTOR SHALL COORDINATE WITH OWNER FOR LOCATION.
- EXISTING STORAGE CONTAINERS TO BE REMOVED, CONTRACTOR SHALL COORDINATE WITH OWNER OF LOT 1006.E.
- 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'



**PERMIT SET
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14 OF DRAWINGS 2020 DRAWINGS 21-413 (HENRY DESIGN) 01/11/21 SITE PLAN SET 2.dwg

DATE: FEB. 10, 2022	APPROVED BY:	
DRAWN BY: JMP	APPROVED BY: 2/11/22	
CHECKED BY: WFM		
JOB NO.: 21-9731		
SCALE: 1" = 20'		
G.A.F. ENGINEERING, INC. PROFESSIONAL ENGINEERS & LAND SURVEYORS 266 MAIN STREET - WAREHAM, MA 02571 TEL: (508) 295-6600 FAX: (508) (508) 295-6634 E-MAIL: info@gafeng.com		
PREPARED FOR: 3 KENDRICK ROAD, LLC 3 KENDRICK ROAD WAREHAM, MA P.O. BOX 1135 MARION, MA		
SITE IMPROVEMENTS PLAN EX. CONDITIONS & DEMOLITION		
JOB NO.: 21-9731 DWG. 3 OF 10		

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.
- LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.

EX. SIGN IS TO REMAIN AND THE EX. SIGN PANNELS WILL BE REPLACED, COORD. WITH OWNER FOR DETAILS!

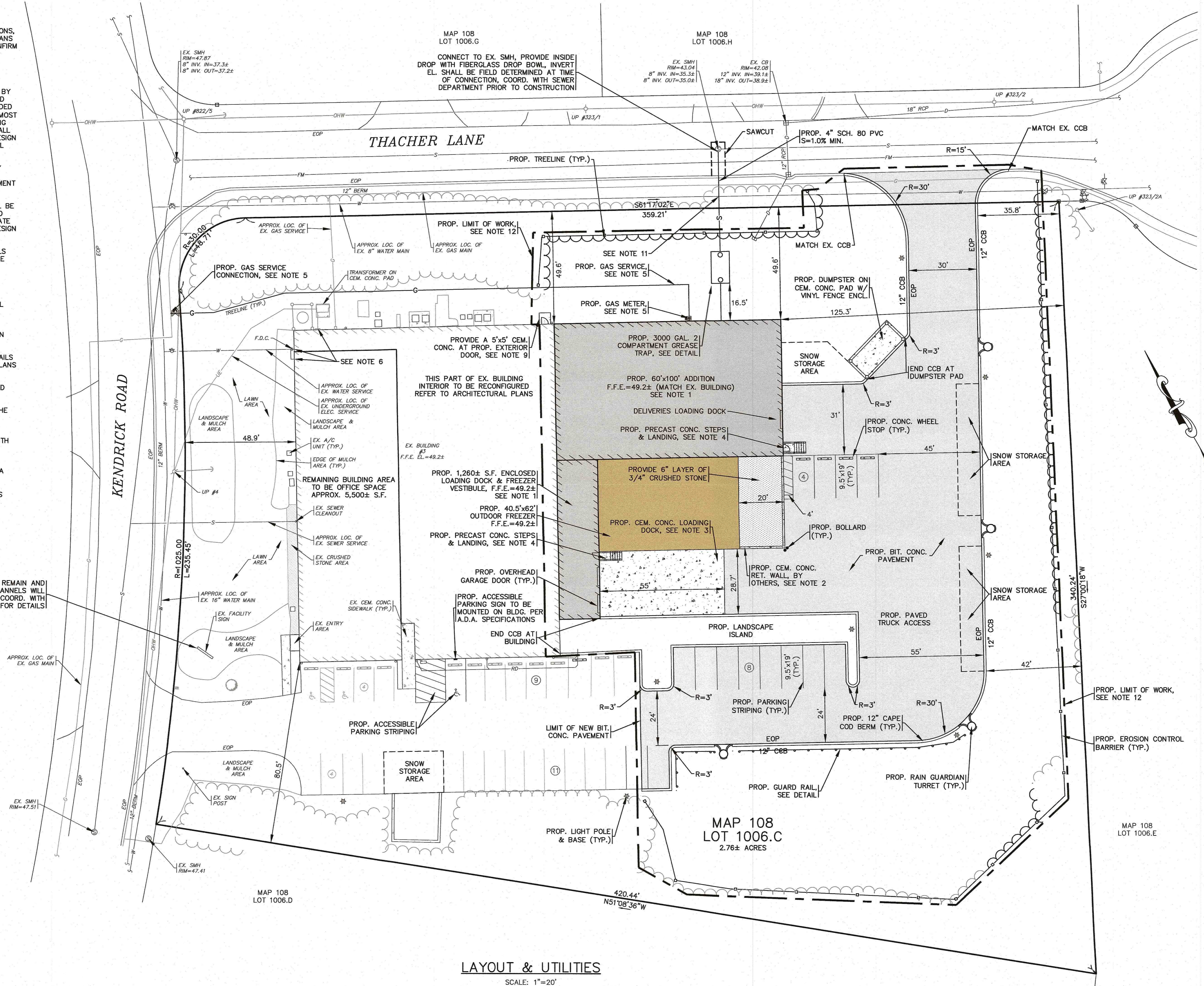
APPROX. LOC. OF EX. GAS MAIN

EX. SMH RIM=47.51

EX. SMH RIM=47.41

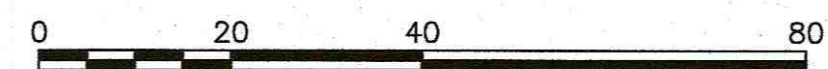
MAP 108 LOT 1006.G
CONNECT TO EX. SMH, PROVIDE INSIDE DROP WITH FIBERGLASS DROP BOWL. INVERT EL. SHALL BE FIELD DETERMINED AT TIME OF CONNECTION, COORD. WITH SEWER DEPARTMENT PRIOR TO CONSTRUCTION

MAP 108 LOT 1006.H
EX. SMH RIM=43.04
8" INV. IN=35.34
8" INV. OUT=35.02
EX. CB RIM=42.08
12" INV. IN=39.12
18" INV. OUT=38.92



LAYOUT & UTILITIES

SCALE: 1"=20'



REV.	DATE	BY	APP'D	DESCRIPTION

DATE: FEB. 10, 2022
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JOB NO.: 21-9731
SCALE: 1" = 20'

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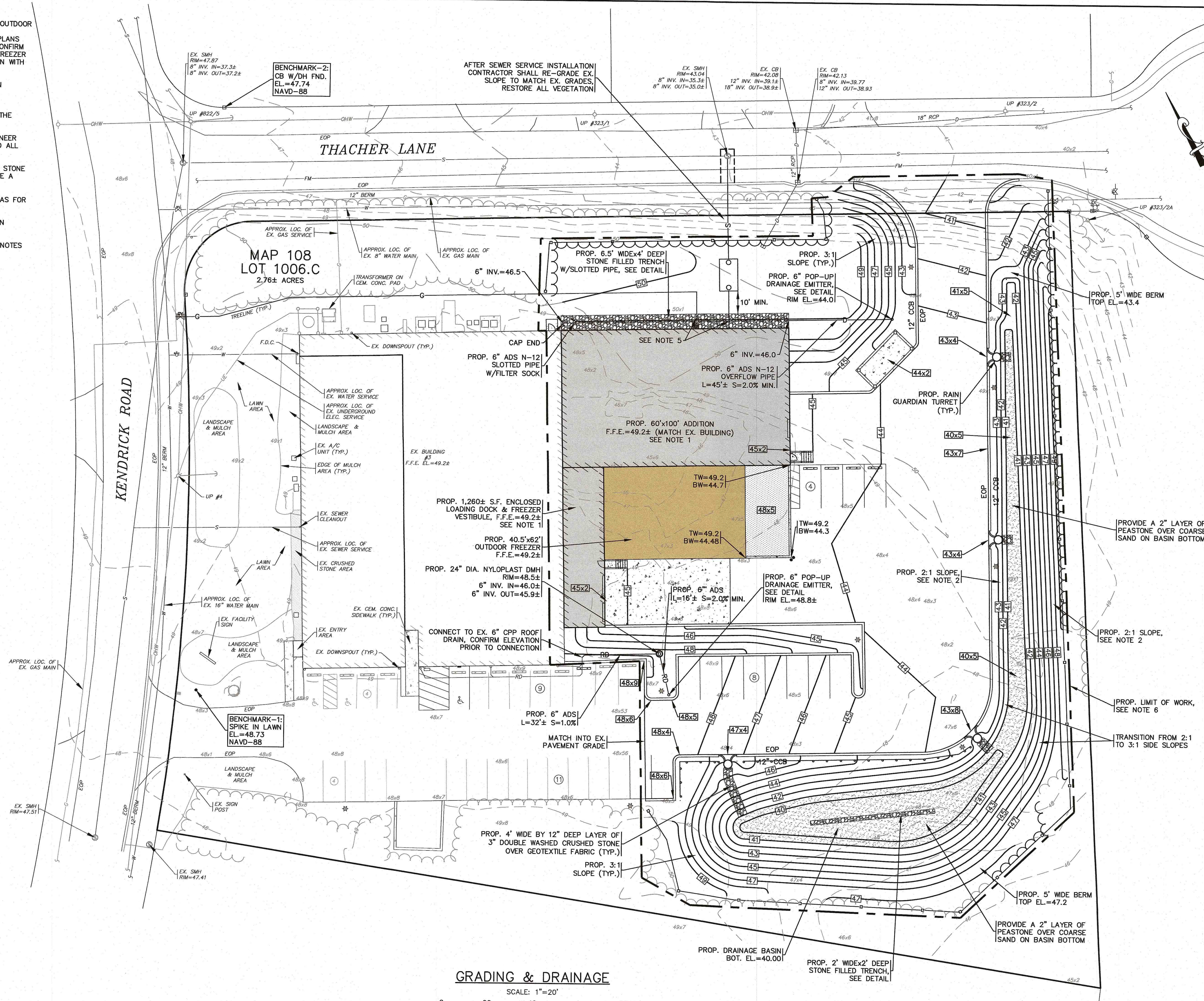
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<small>CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF ANY REGULATORY AUTHORITY WHICH MAY BE REQUIRED IN CONNECTION WITH THE PERFORMANCE OF ANY WORK UNDER THIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES UNDERGROUND OR ABOVE GROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES AND STRUCTURES.</small>

SITE IMPROVEMENTS PLAN LAYOUT & UTILITIES	WAREHAM, MA
3 KENDRICK ROAD	PREPARED FOR:
	3 KENDRICK ROAD, LLC
	MARION, MA
	P.O. BOX 1135

JOB NO.: 21-9731
DWG. 4 OF 10

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.
- 2:1 SIDE SLOPES SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET OVER THE PLANTED SEED BED.
- COVER ALL PROPOSED STONE FILLED TRENCHES WITH AN ADDITIONAL TEMPORARY LAYER OF FILTER FABRIC UNTIL THE ABOVE GRADIENT SLOPE IS STABILIZED.
- CONTRACTOR SHALL COORDINATE WITH STRUCTURAL ENGINEER FOR CEMENT CONCRETE RETAINING WALL ELEVATIONS AND ALL DESIGN DETAILS, SEE NOTE 2 ON SHEET 4.
- WHERE THE PROPOSED SEWER AND GAS LINE CROSS THE STONE FILLED TRENCH ENCASE BOTH PIPES IN CEMENT CONCRETE A MINIMUM OF 24" IN EACH DIRECTION.
- THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
- LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.
- FOR COMPLETE DRAINAGE OPERATION AND MAINTENANCE NOTES SEE SHEET 2.



GRADING & DRAINAGE

SCALE: 1"=20'

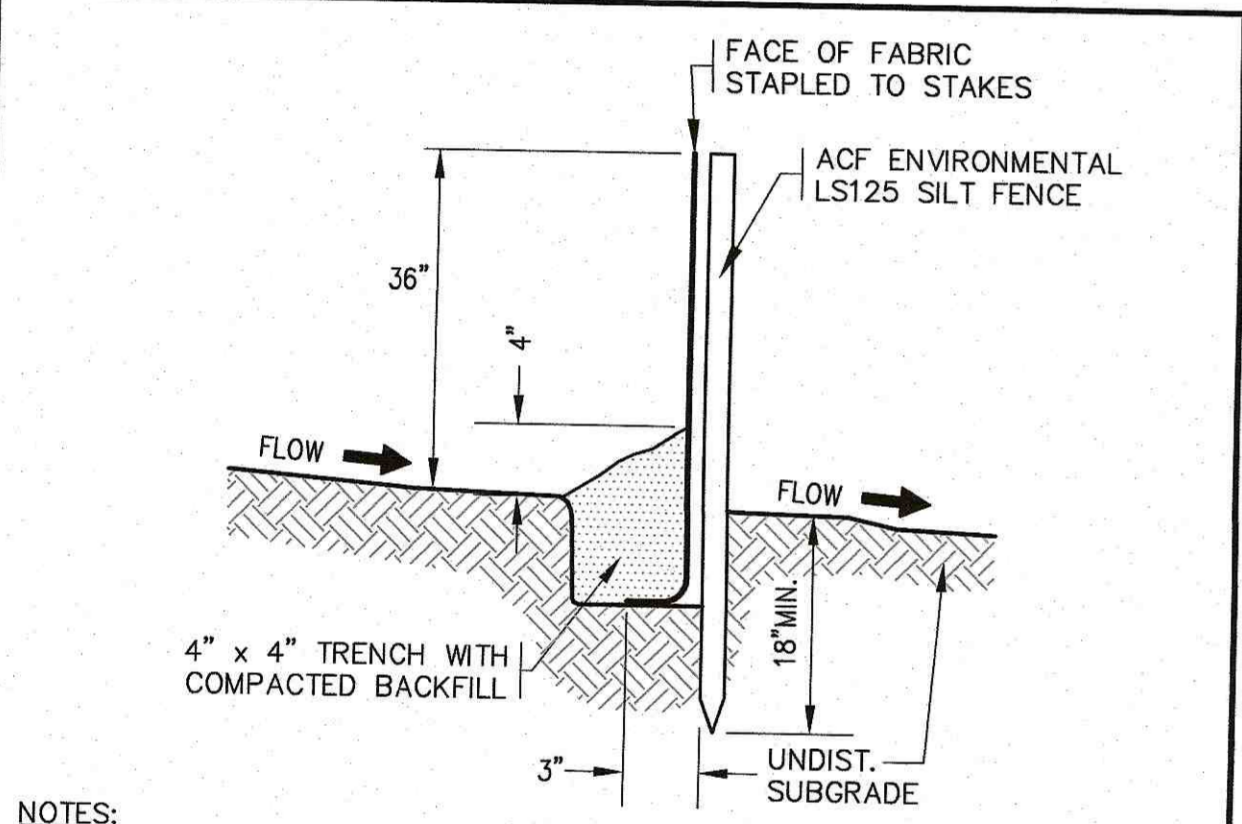
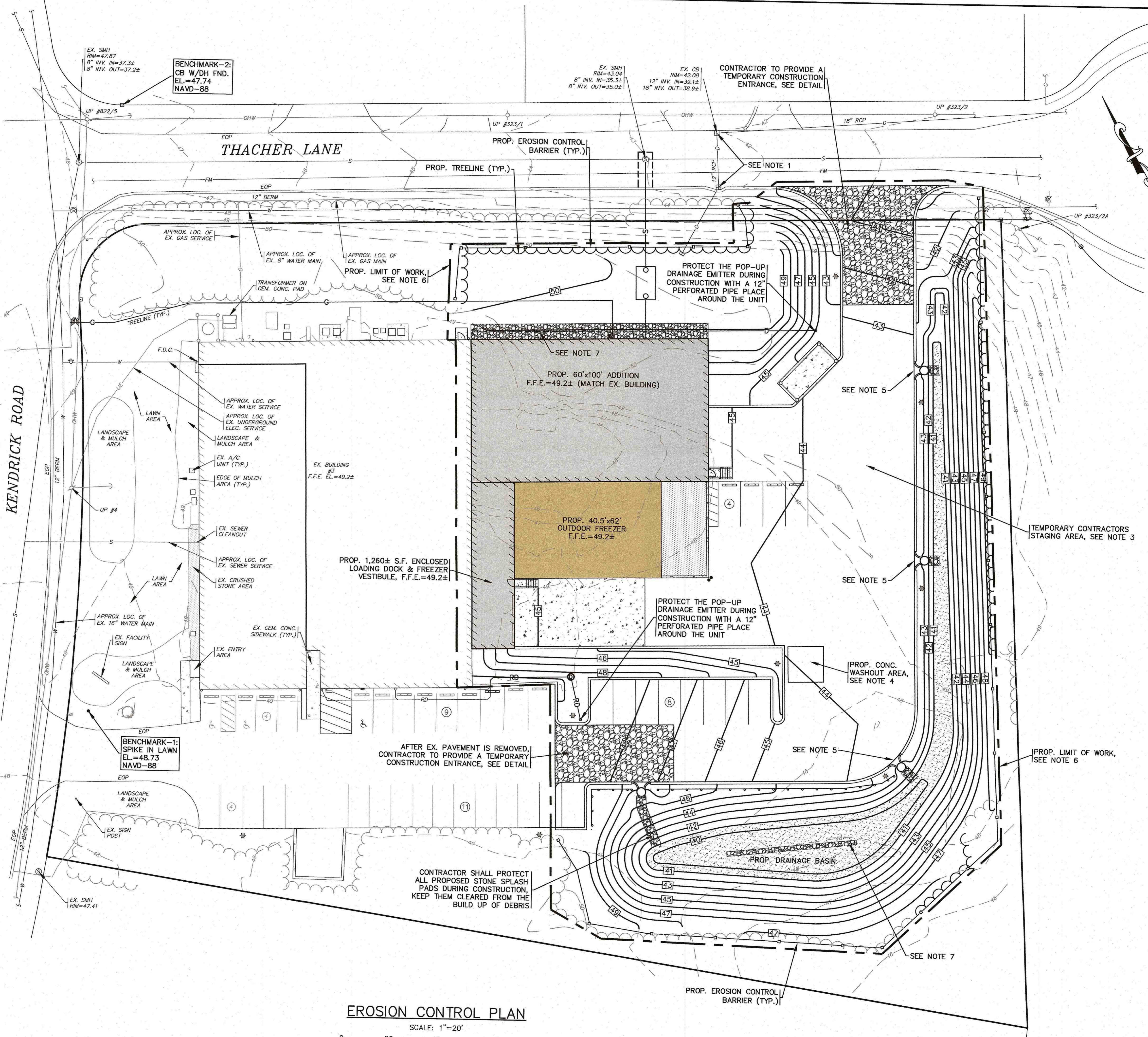


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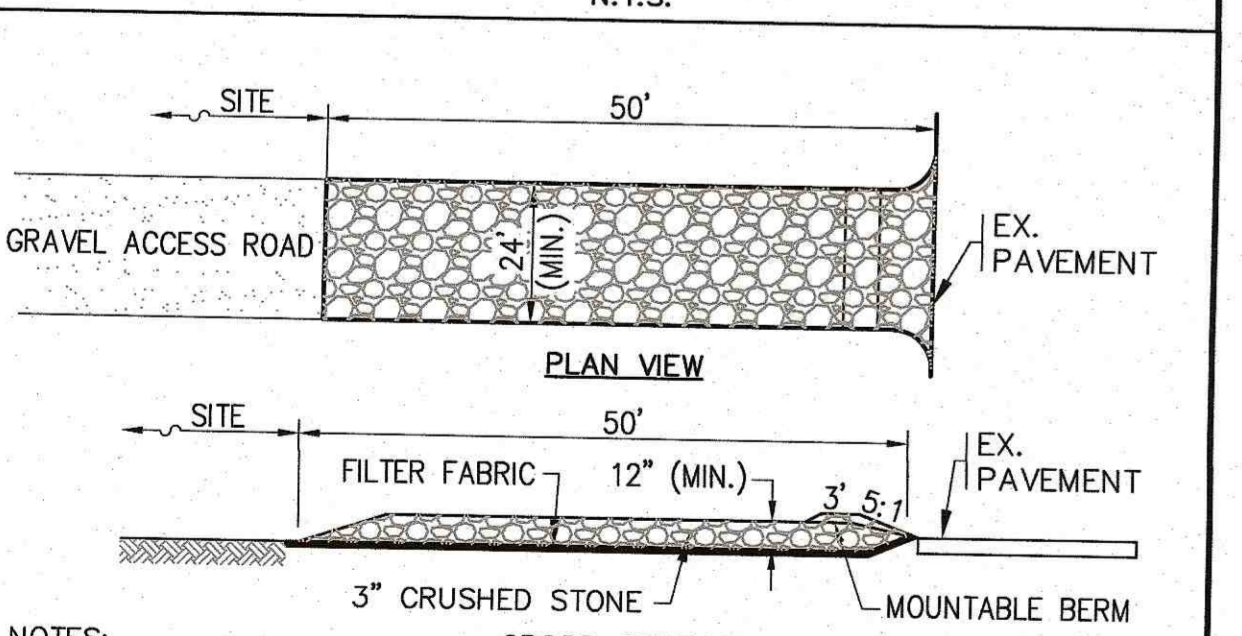
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JOB NO.: 21-9731	SITE IMPROVEMENTS PLAN GRADING & DRAINAGE	
SCALE: 1" = 20'	DWG. 5 OF 10	APPROVED BY: G.A.F. ENGINEERING, INC.

NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.
- THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
- COVER ALL PROPOSED STONE FILLED TRENCHES WITH AN ADDITIONAL TEMPORARY LAYER OF FILTER FABRIC UNTIL THE ABOVE GRADIENT SLOPE IS STABILIZED.
- LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.



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



- NOTES:**
- ENTRANCE WIDTH SHALL BE 24 FEET 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 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'



DATE: FEB. 10, 2022	APPROVED BY:	DATE:	BY:	DESCRIPTION:
DRAWN BY: JMP		REV.	DATE	
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SCALE: 1" = 20'				

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PROFESSIONAL ENGINEERS & LAND SURVEYORS
266 MAIN STREET WAREHAM, 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, LLC
P.O. BOX 1135 MARRION, MA

JOB NO.: 21-9731
DWG. 6 OF 10

PERMIT SET
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16:\GAF DRAWINGS\2021 DRAWINGS\21-9731 (HENRY DESSIS)\0731\0731_SITE_PLAN_1-2.dwg

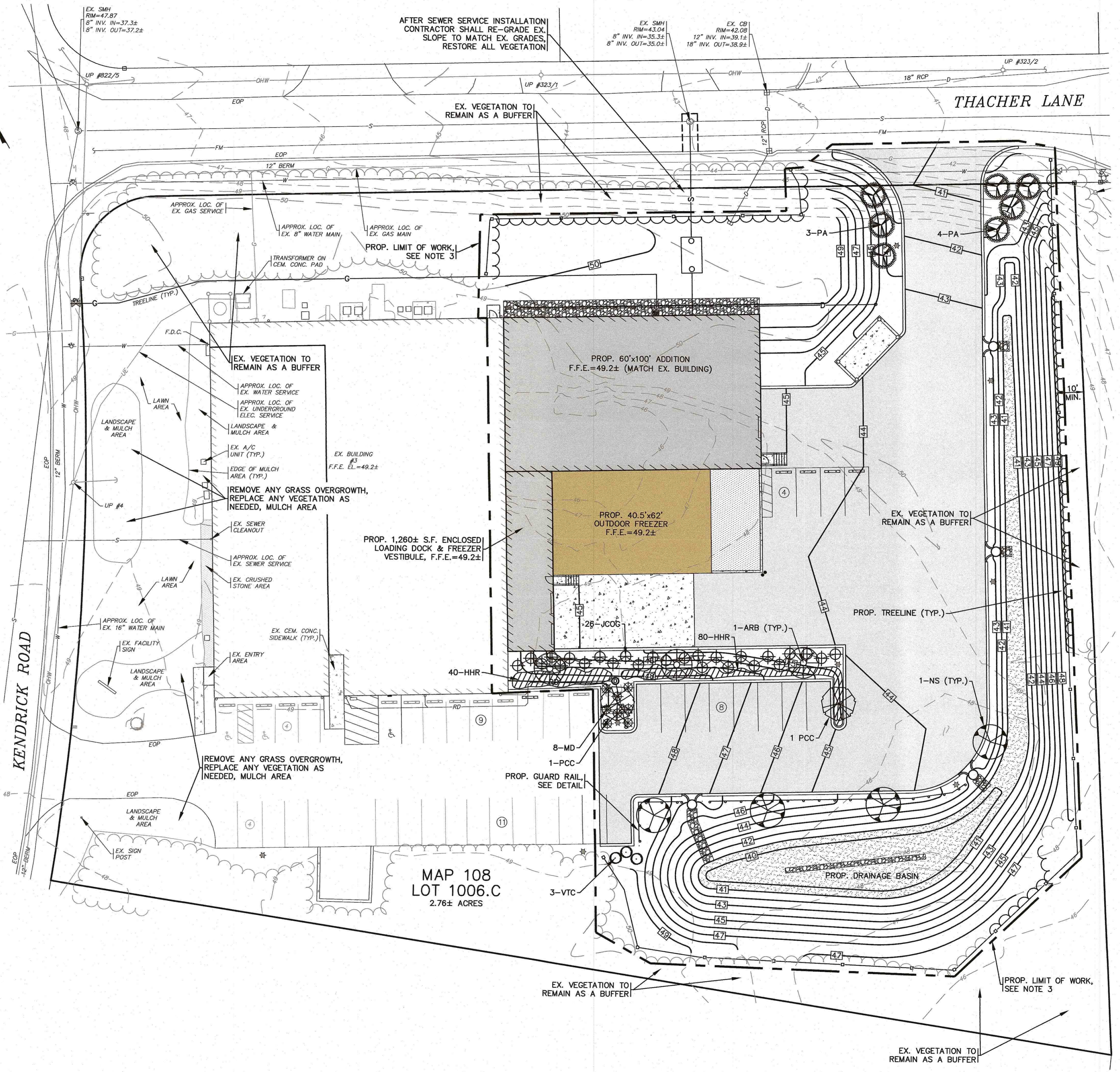
PLANTING STANDARDS:

- THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL AND/OR DIG, BALL, BURLAP, AND TRANSPLANT 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. SOD 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:

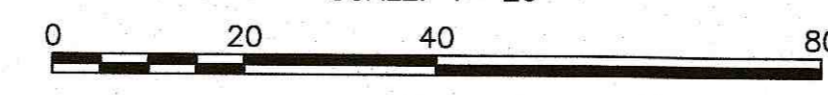
- LANDSCAPE DESIGN BY E.A. FULLER, LANDSCAPE ARCHITECT, 24 SCOTT DRIVE, PLYMOUTH, MA, 02360.
- THE LIMIT OF WORK LINE IS SHOWN OFFSET IN SOME AREAS FOR CLARITY.
- LOAM AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY.

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.
ORNAMENTAL GRASSES & PERENNIALS						
HHR	120	HEMEROCALIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL.	18" HT.	PLANT 12" O.C.



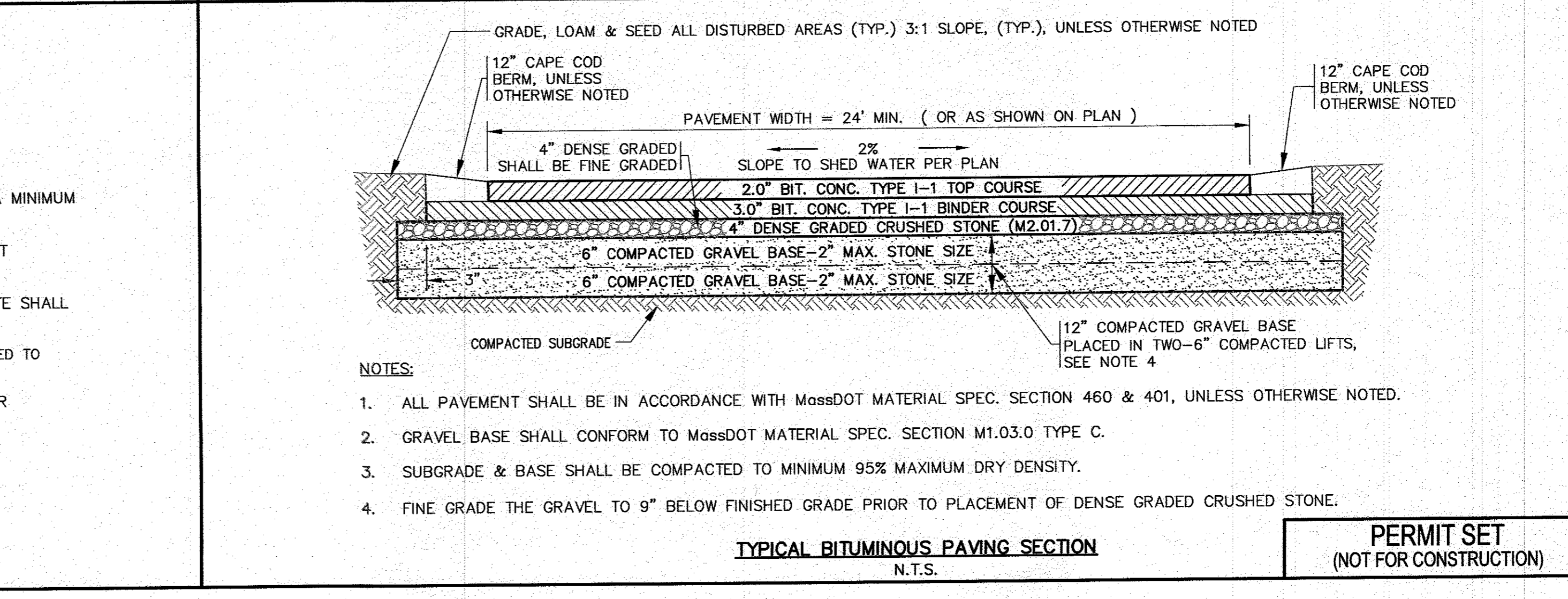
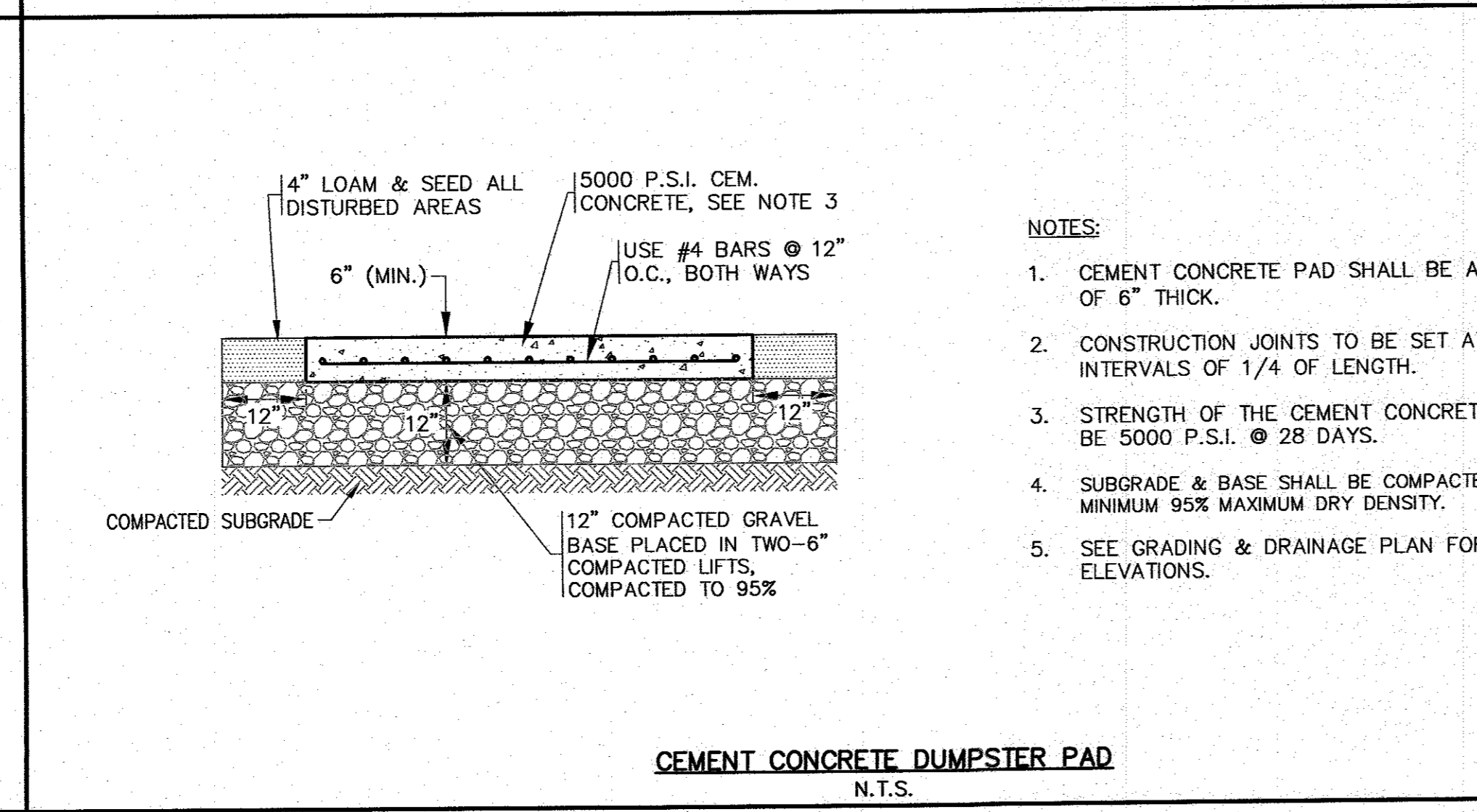
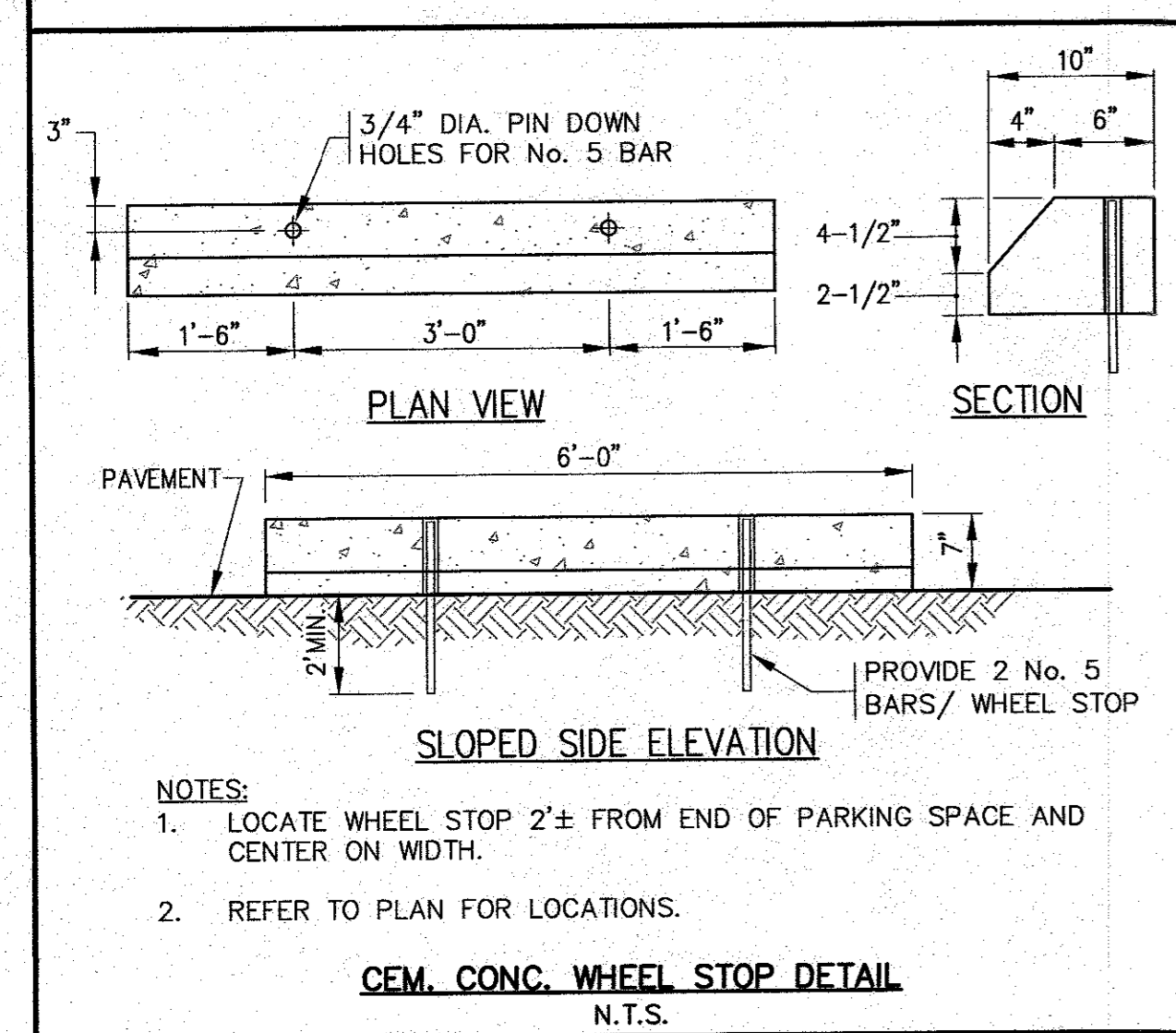
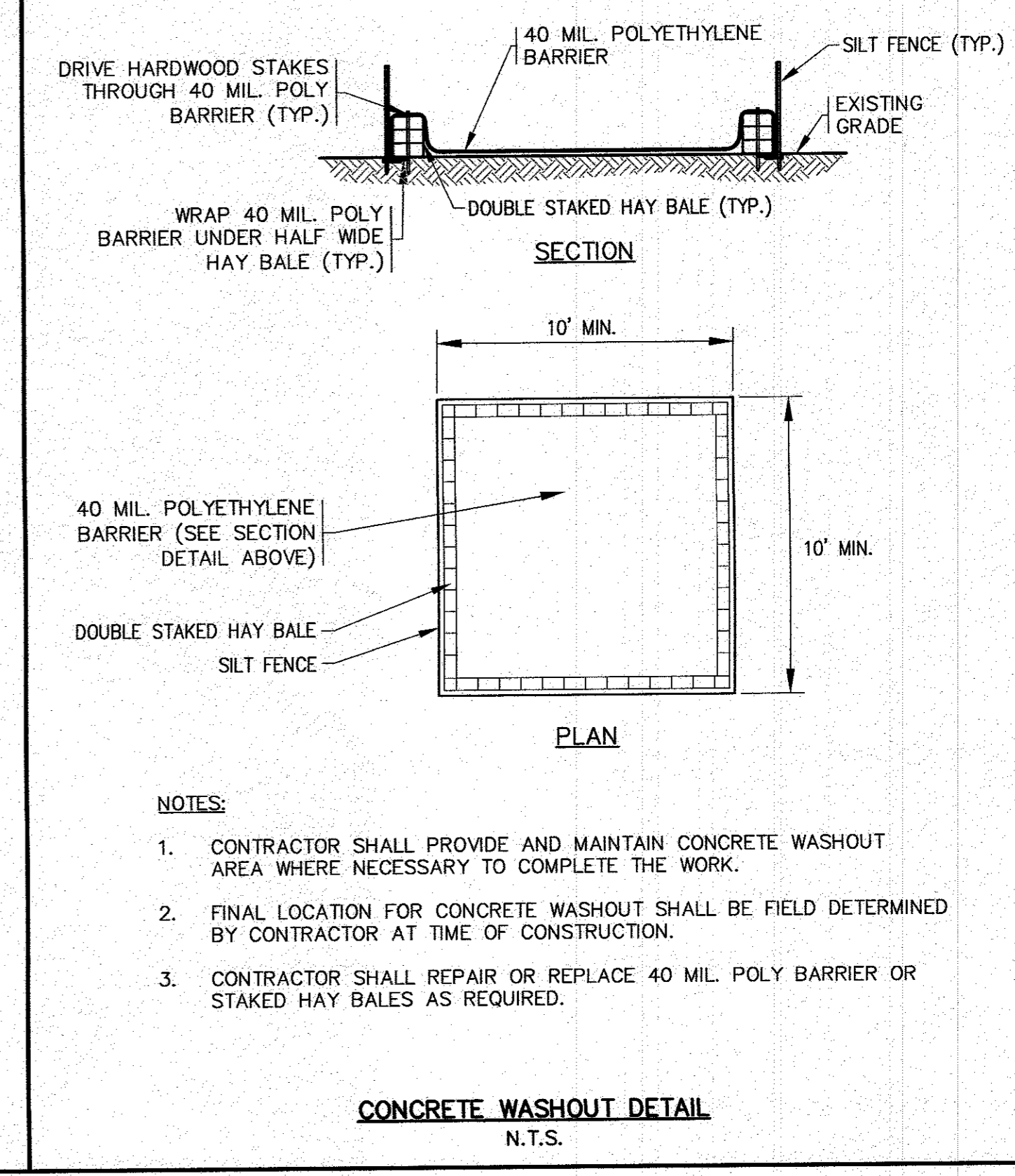
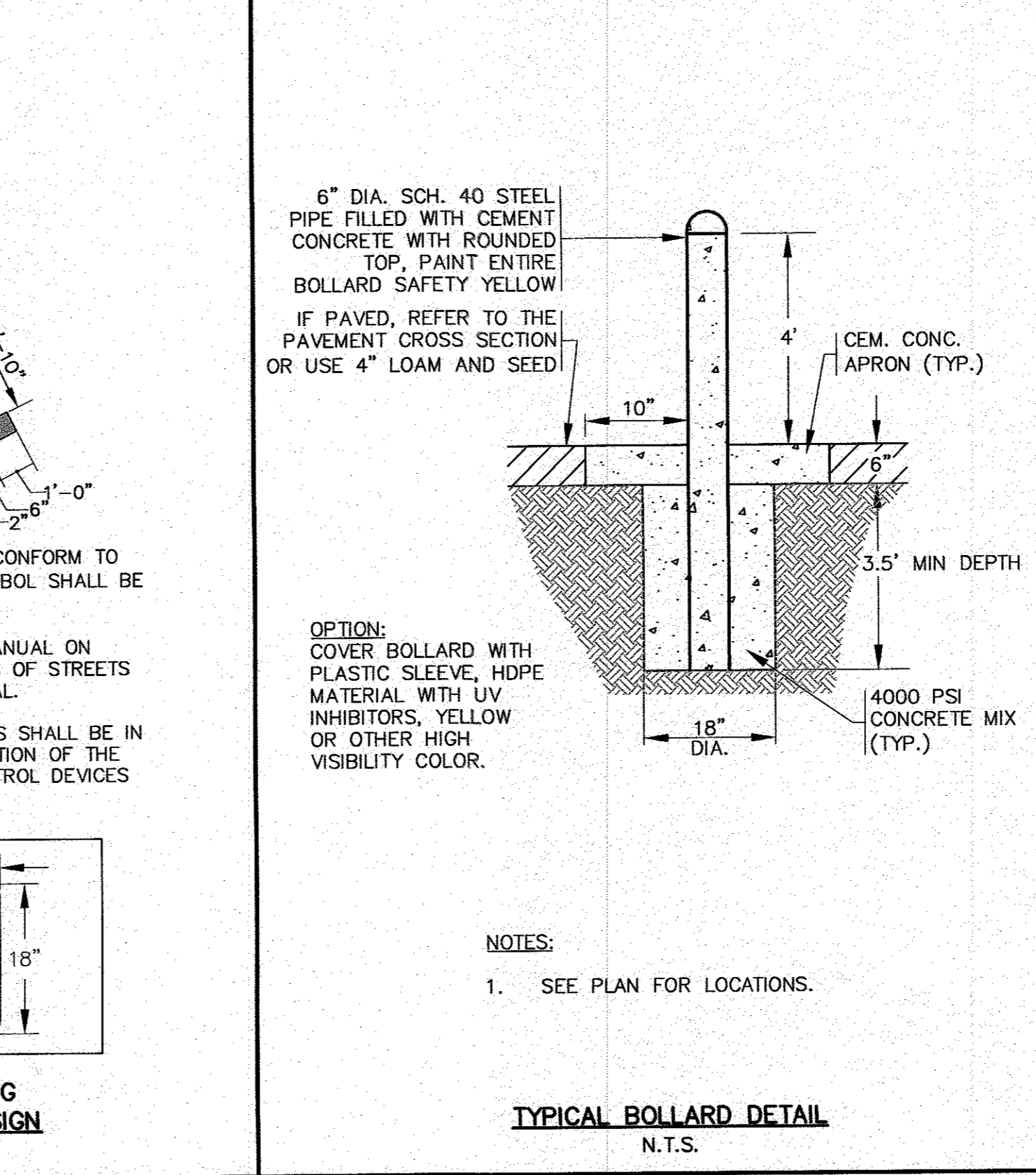
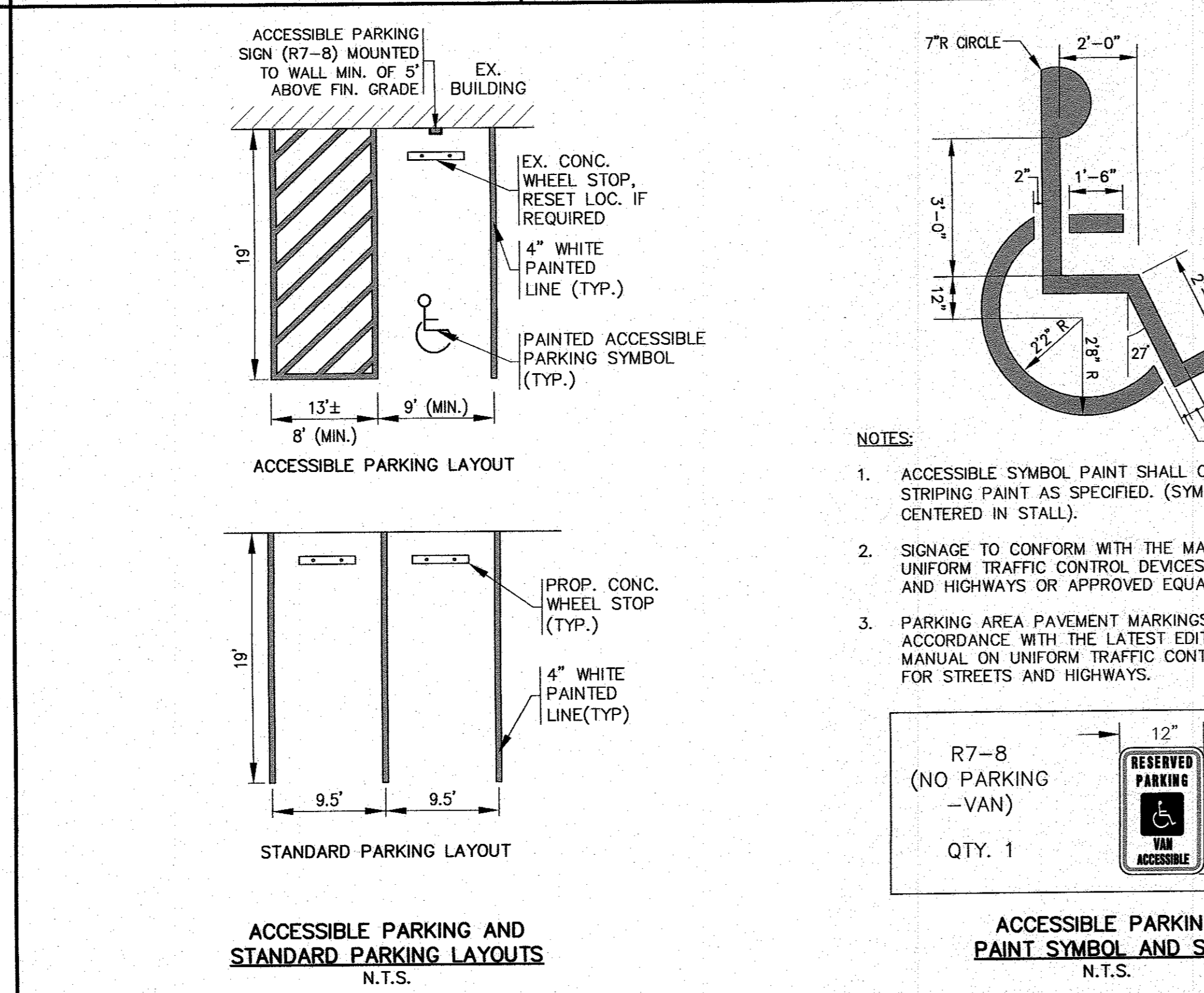
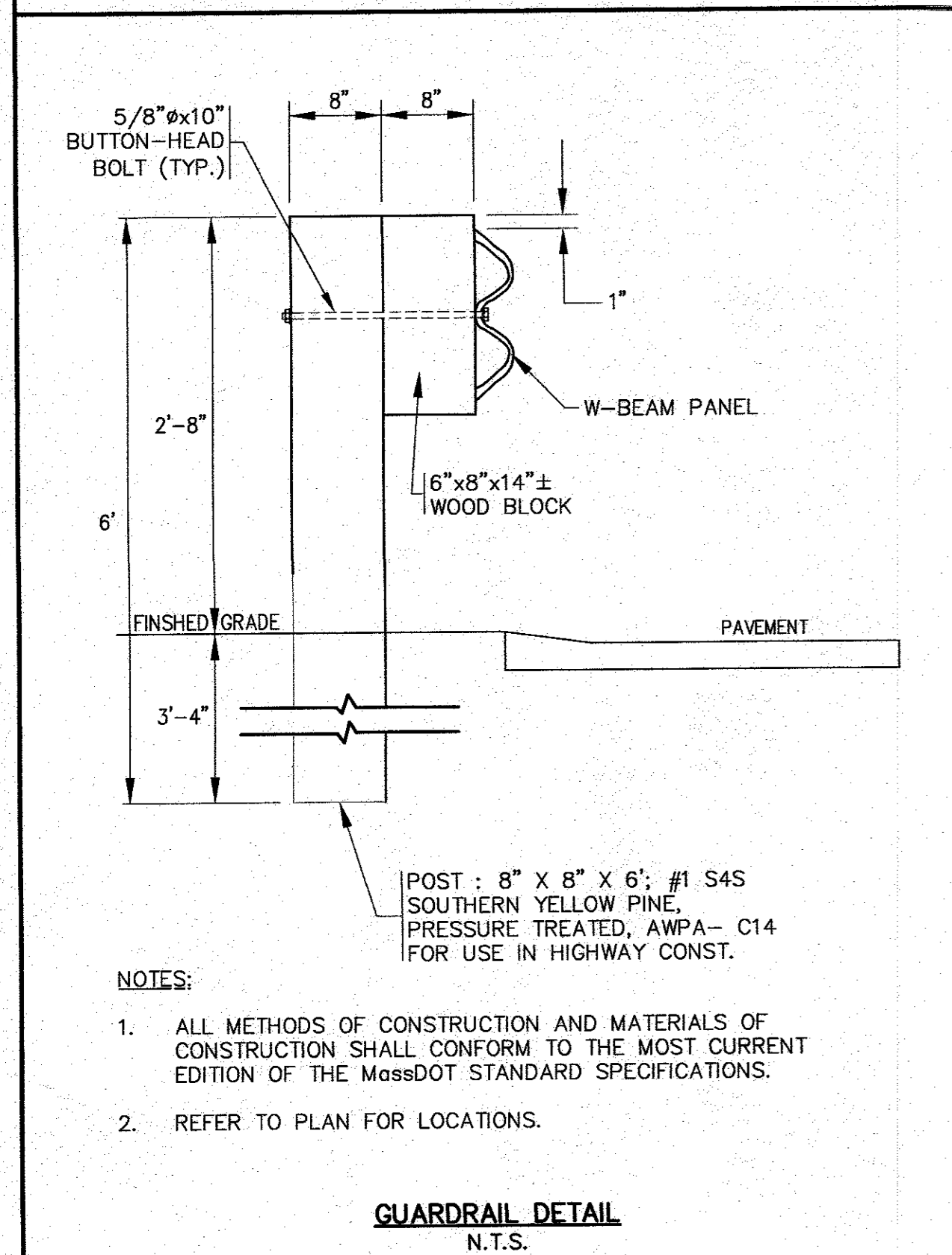
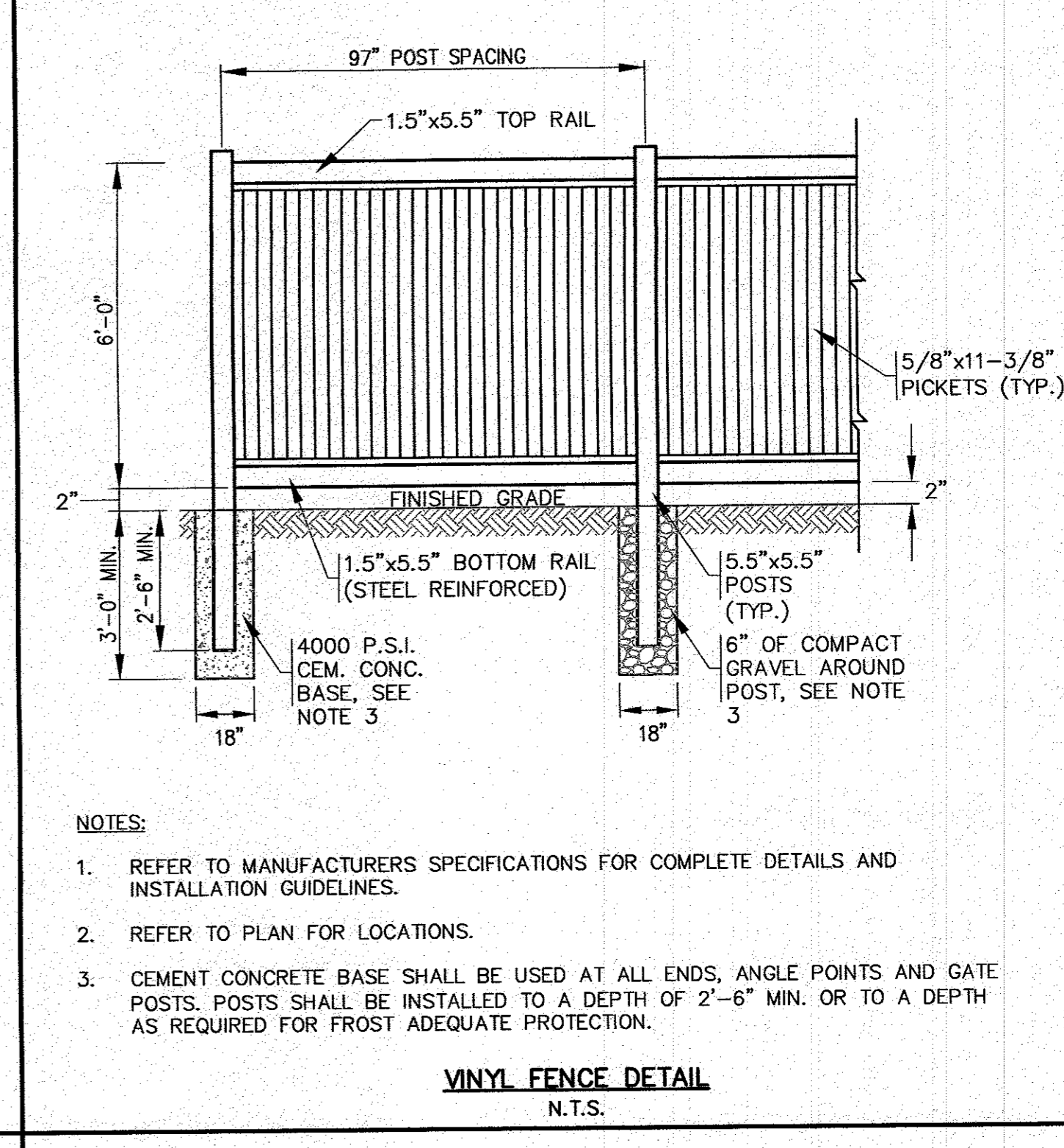
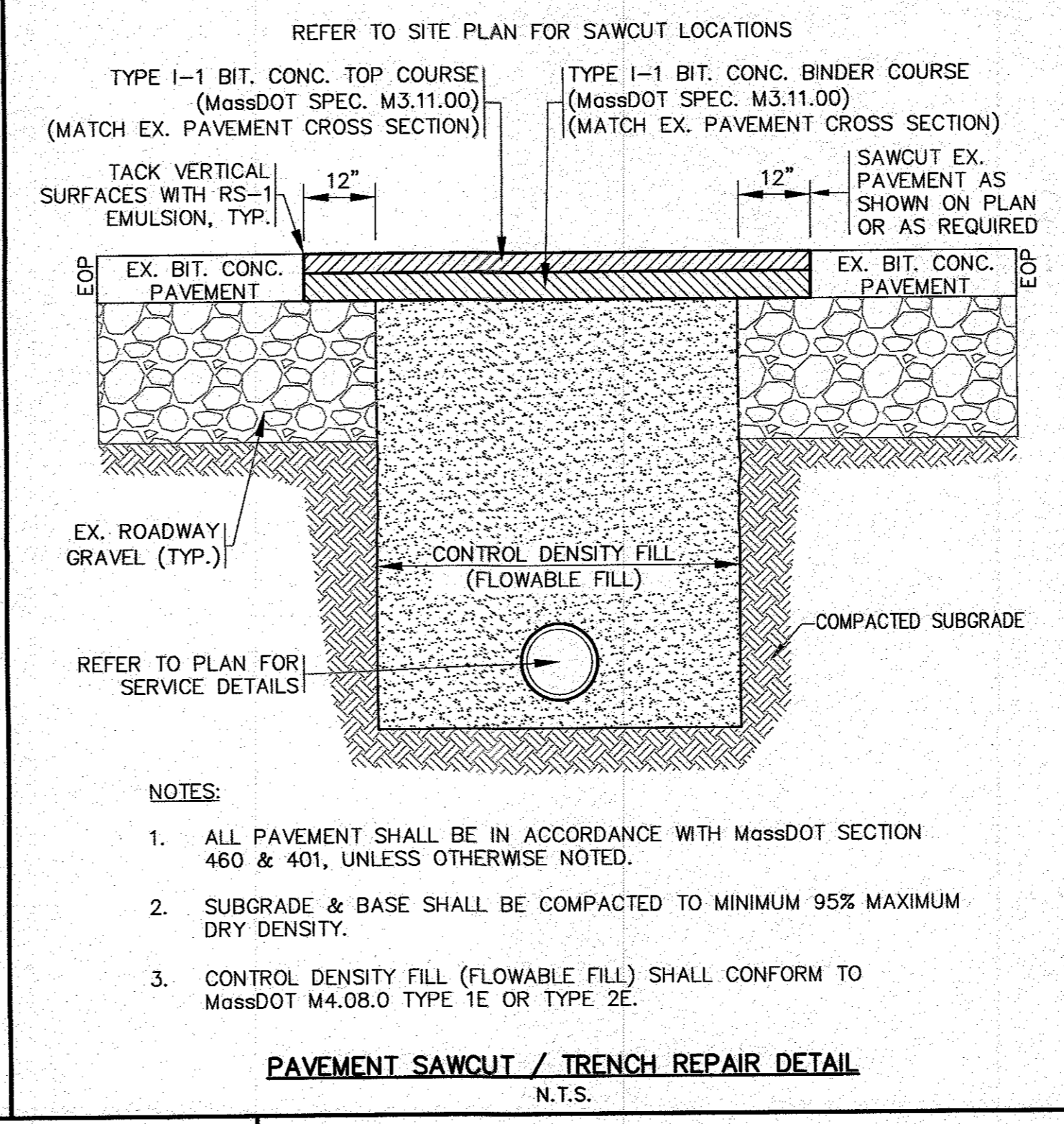
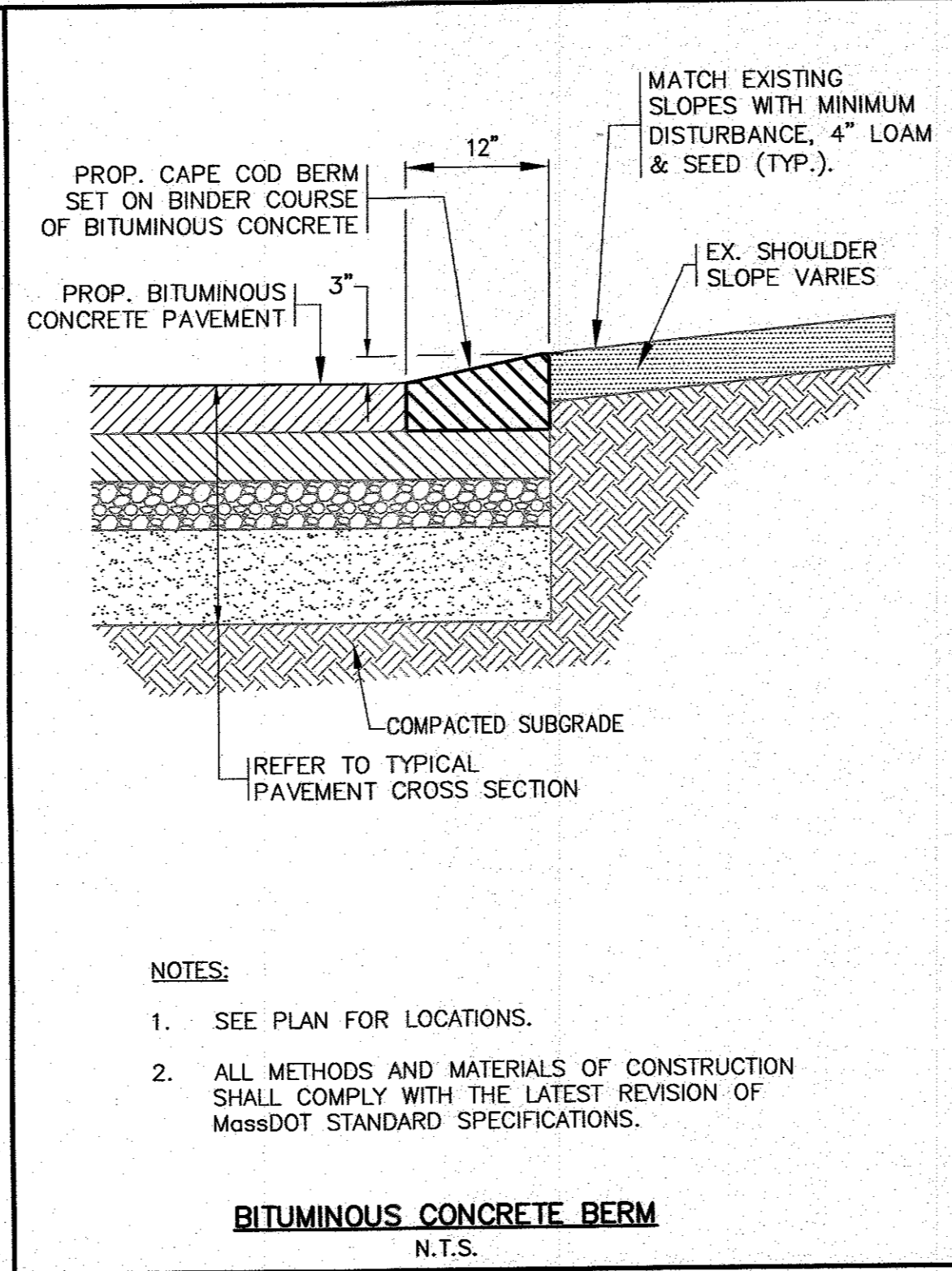
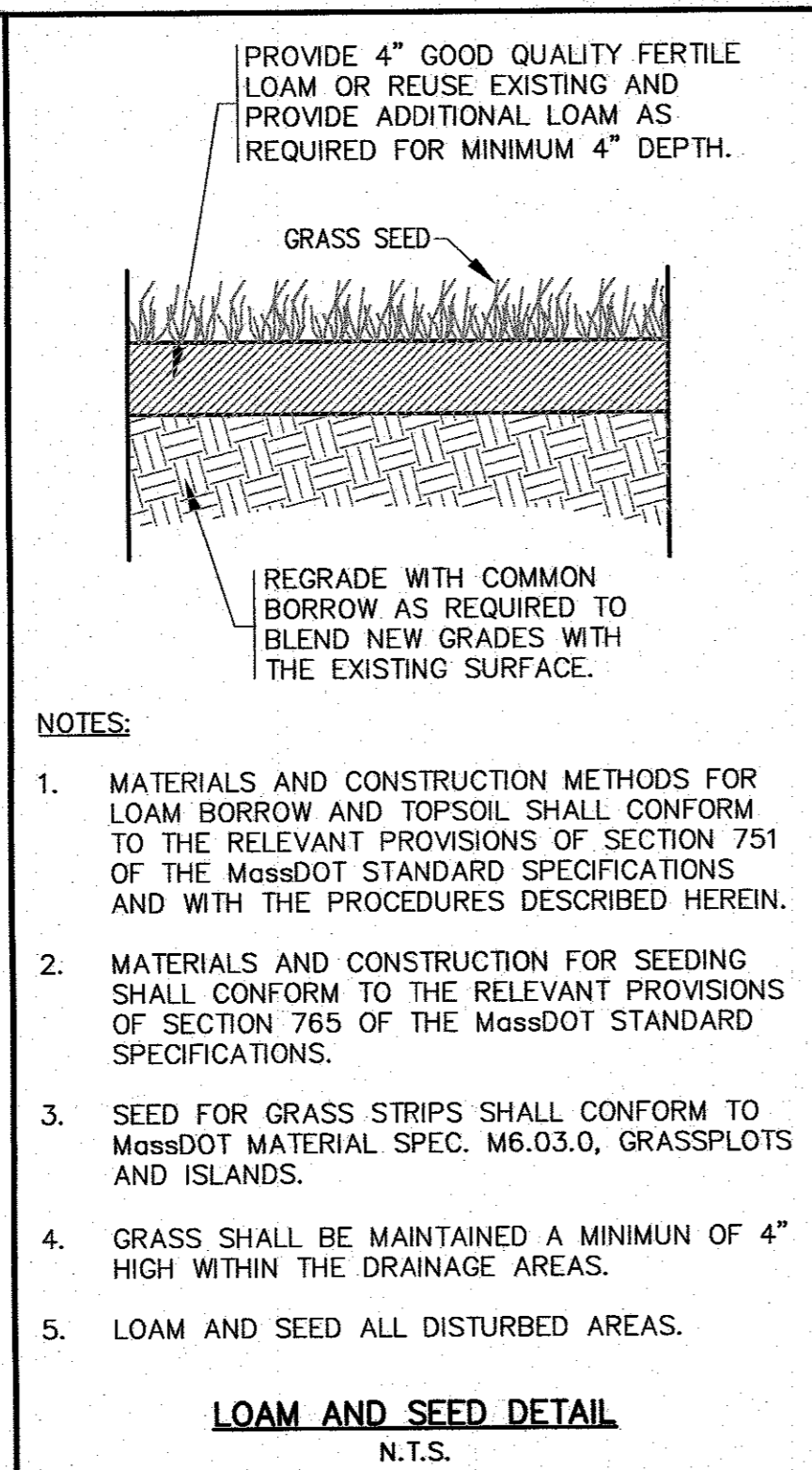
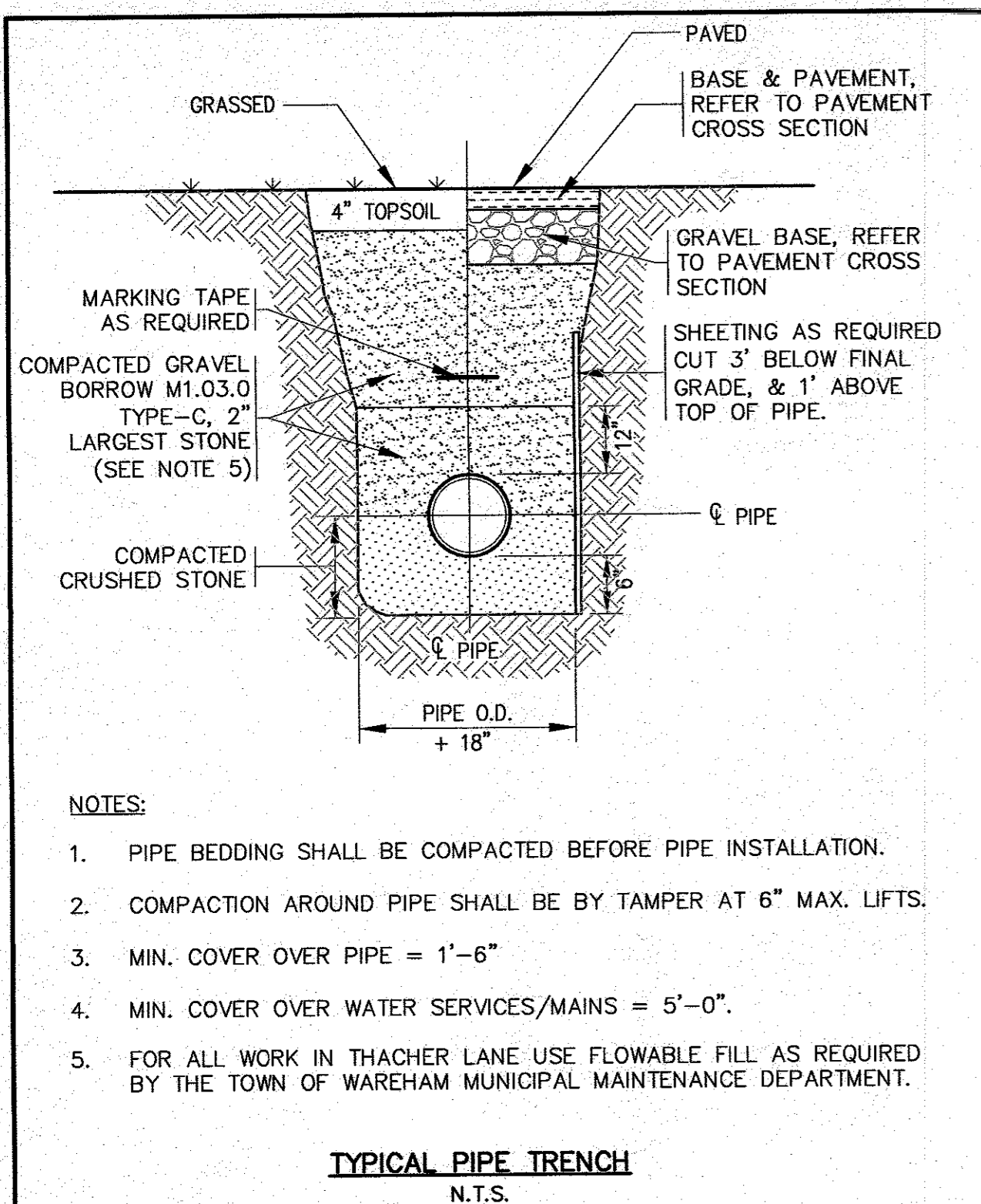
LANDSCAPING PLAN

SCALE: 1"=20'

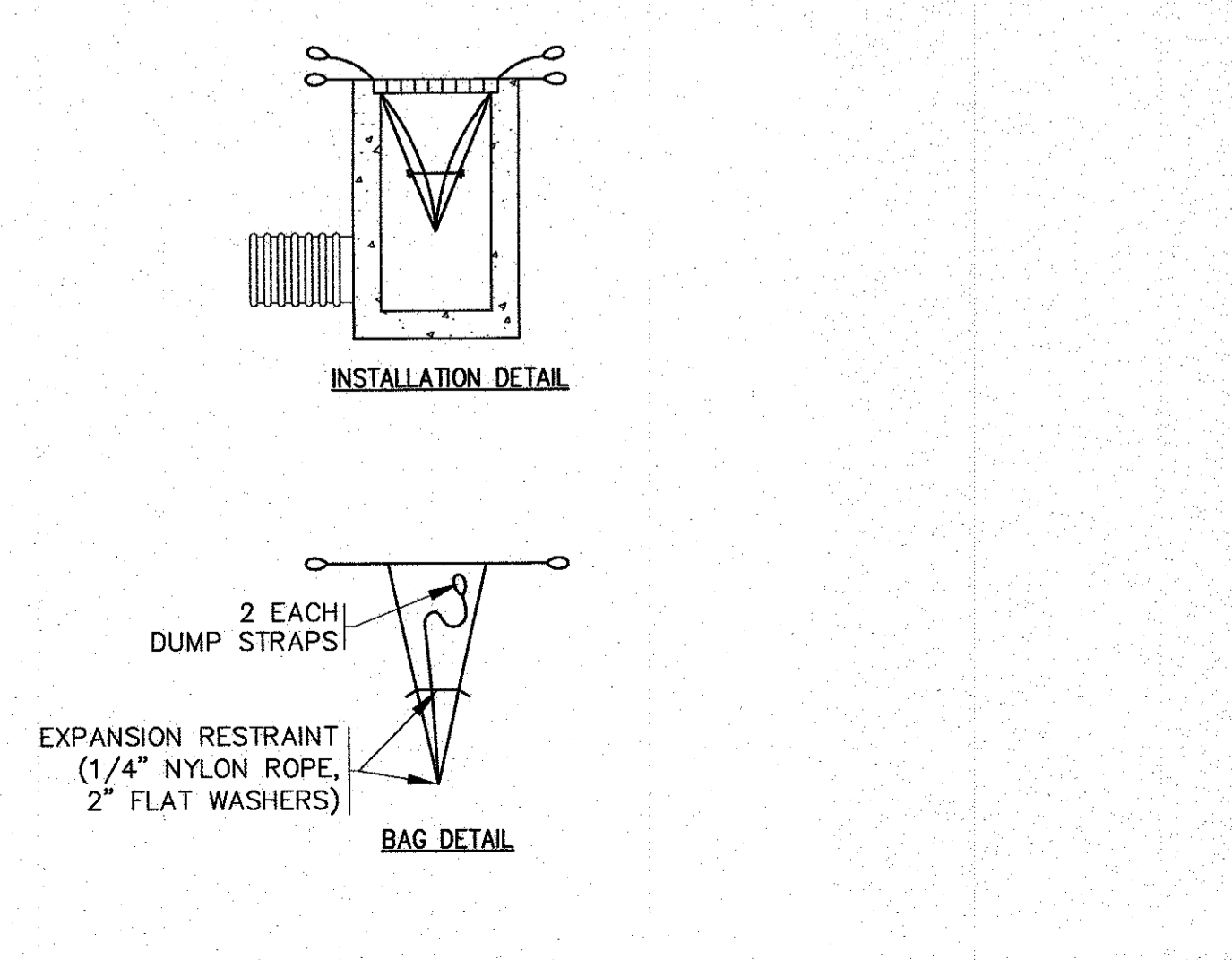
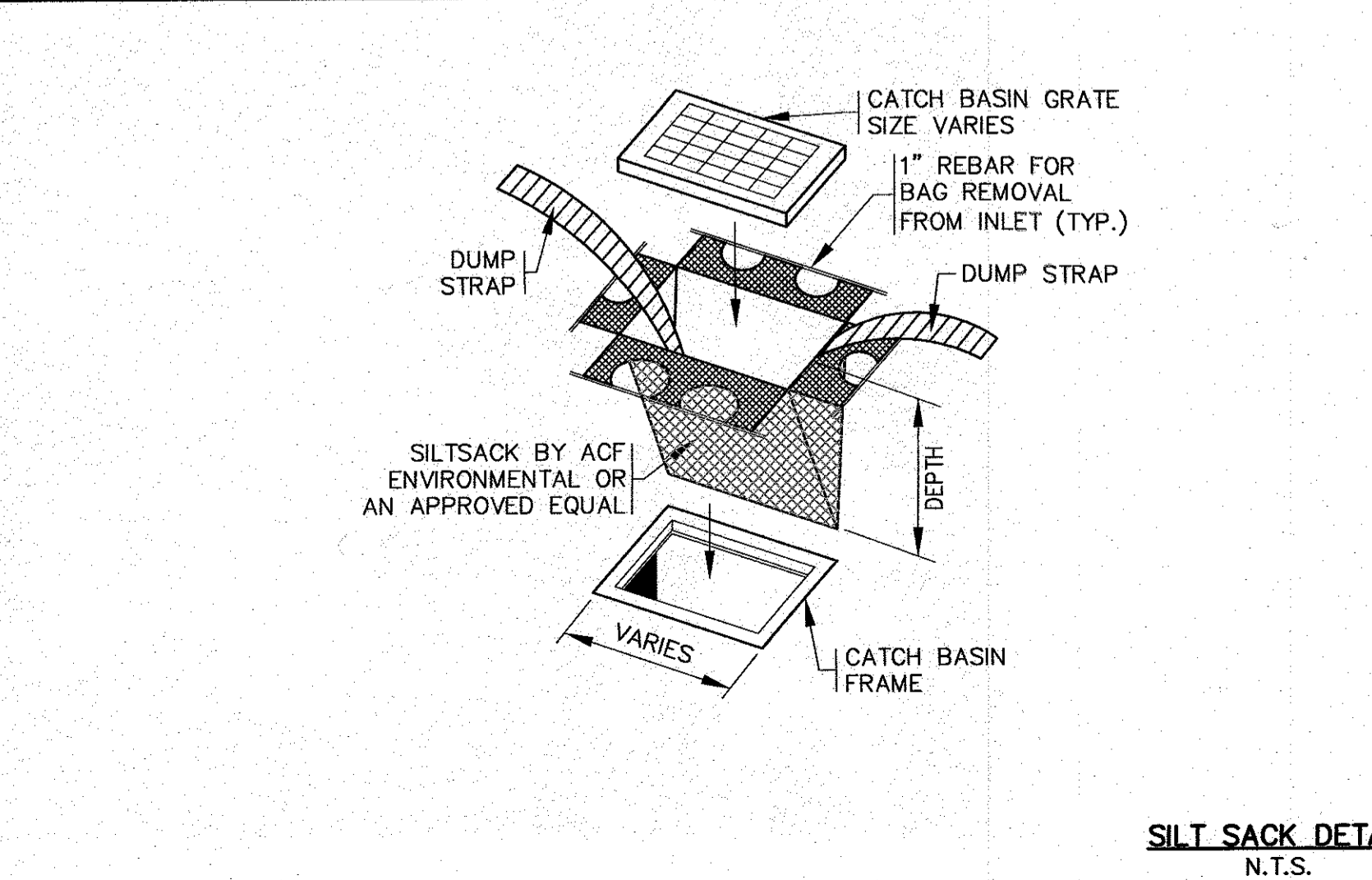
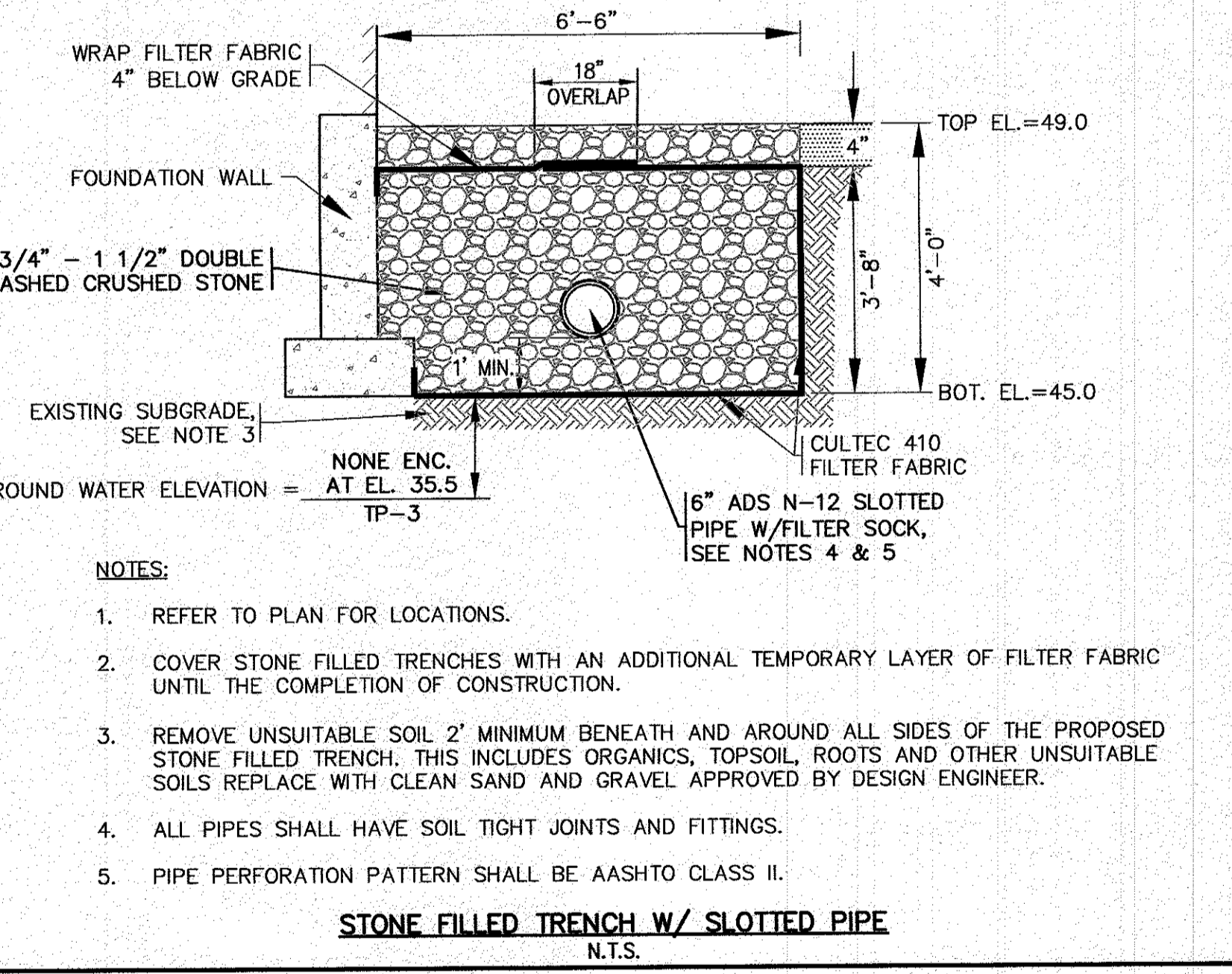
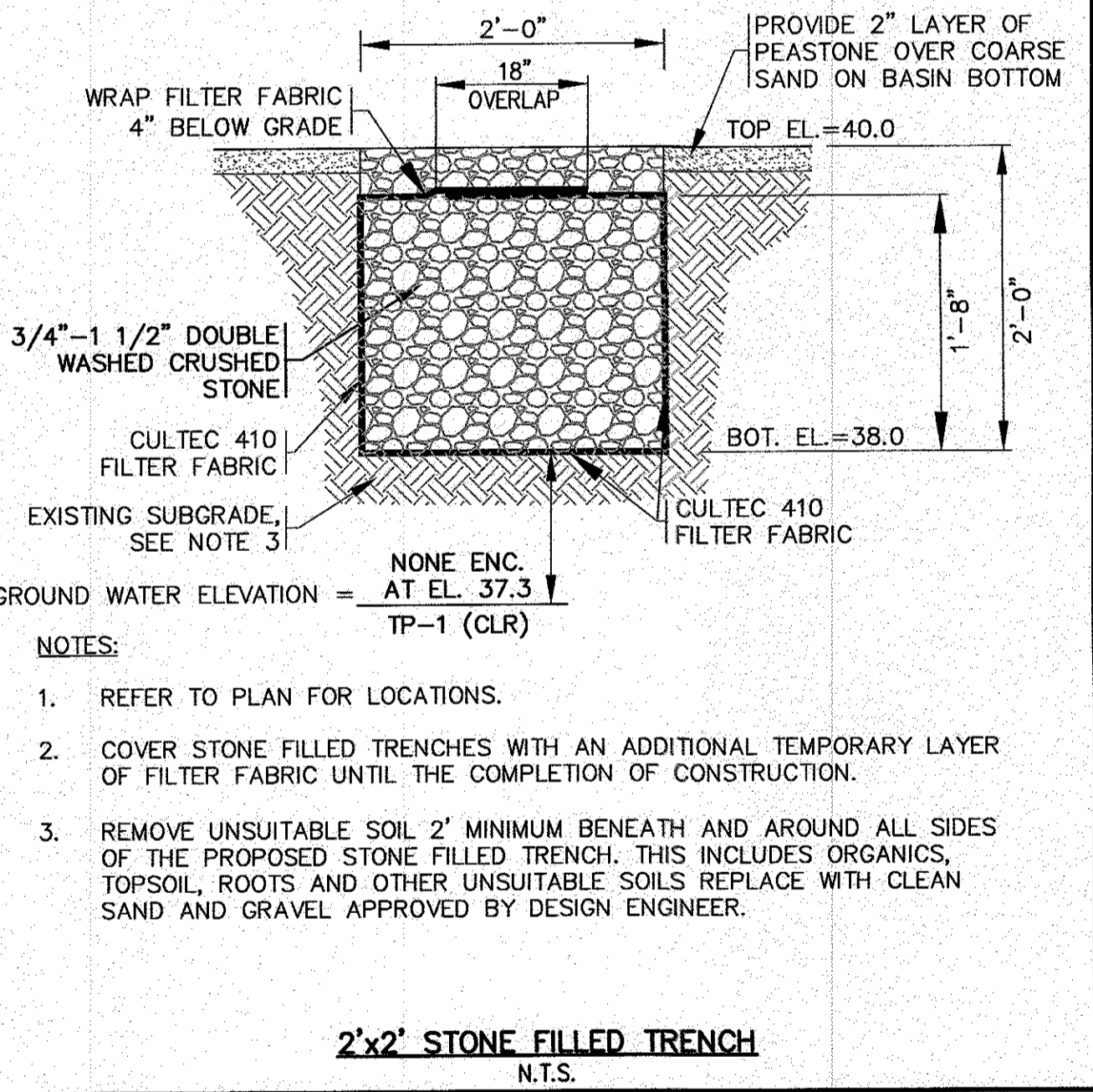
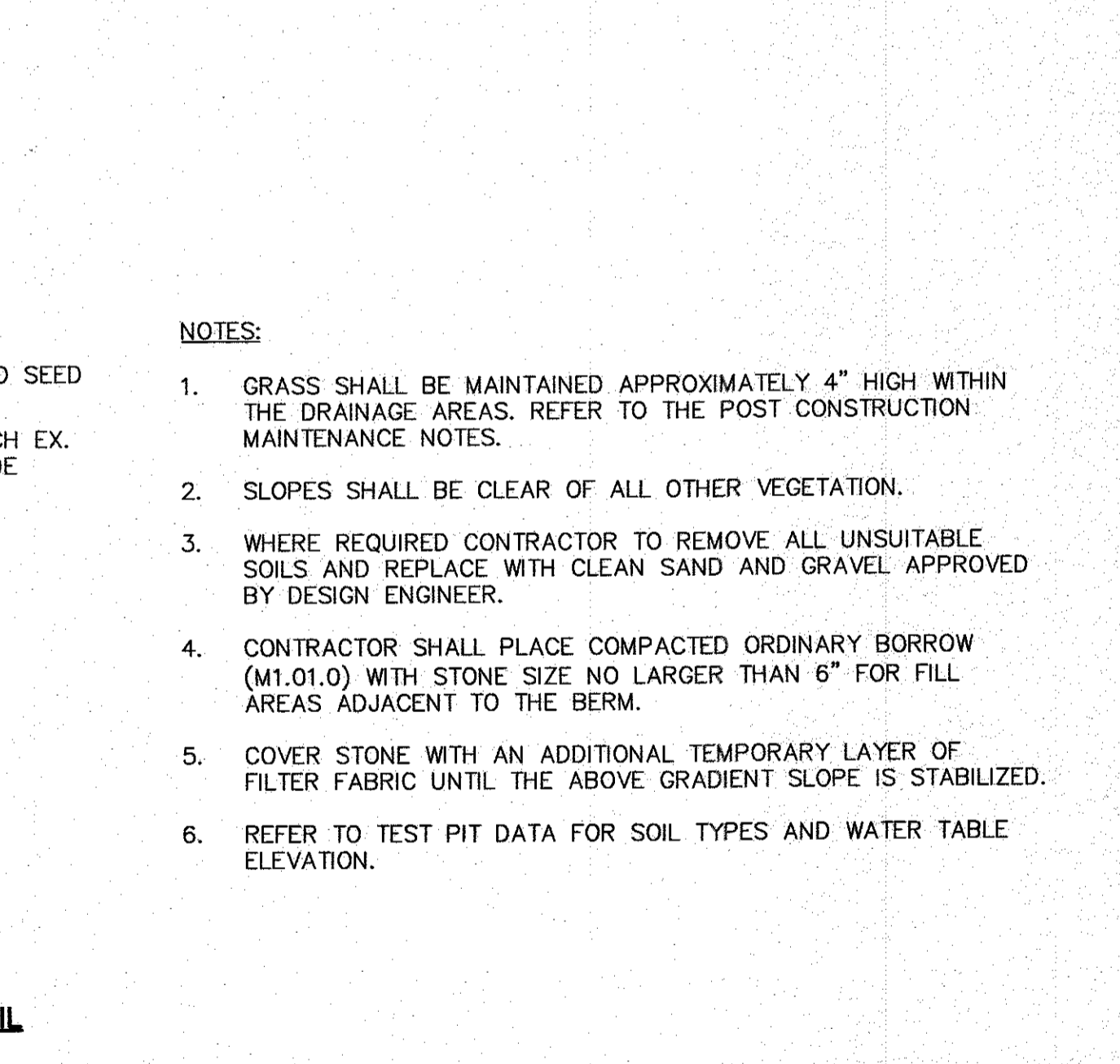
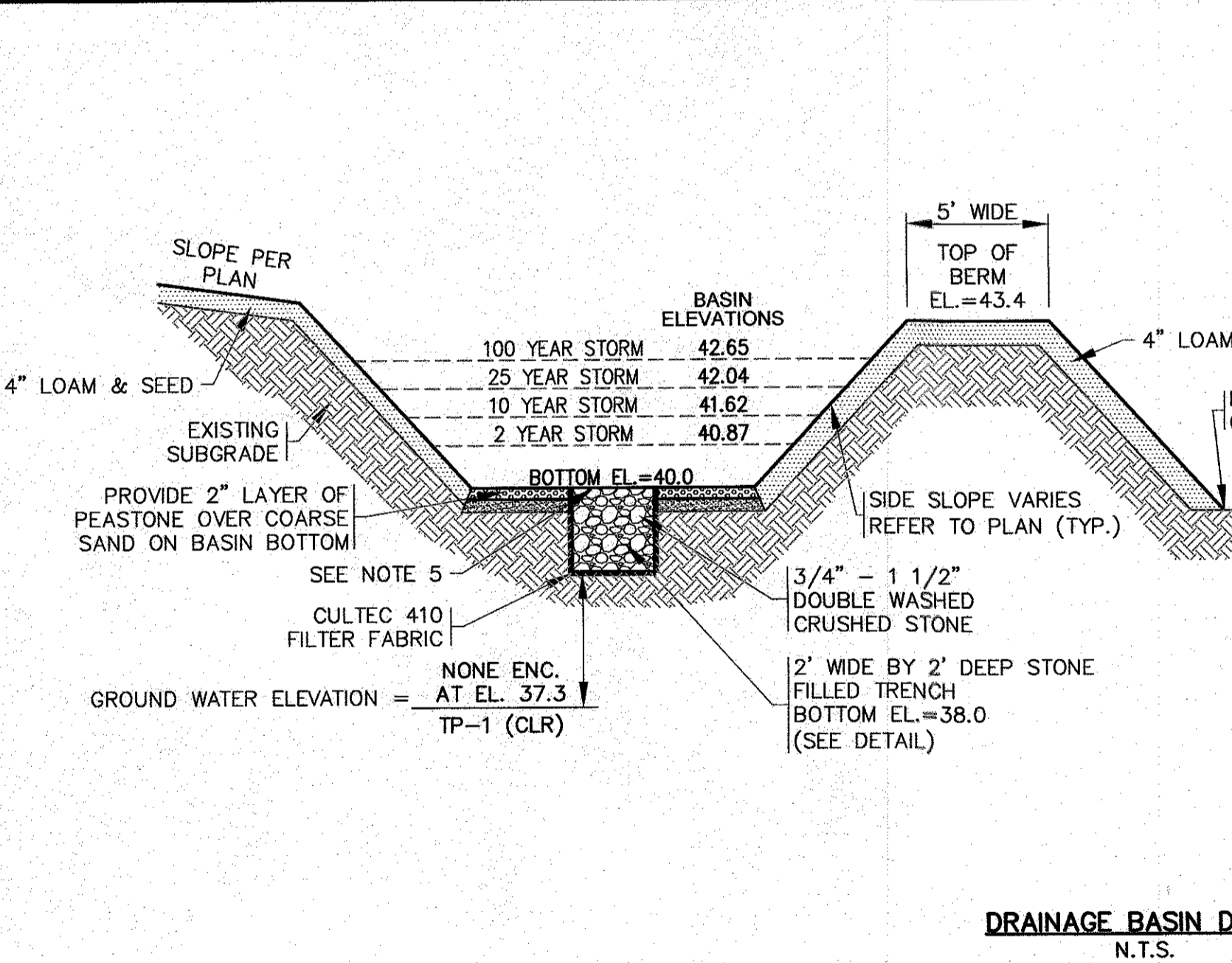
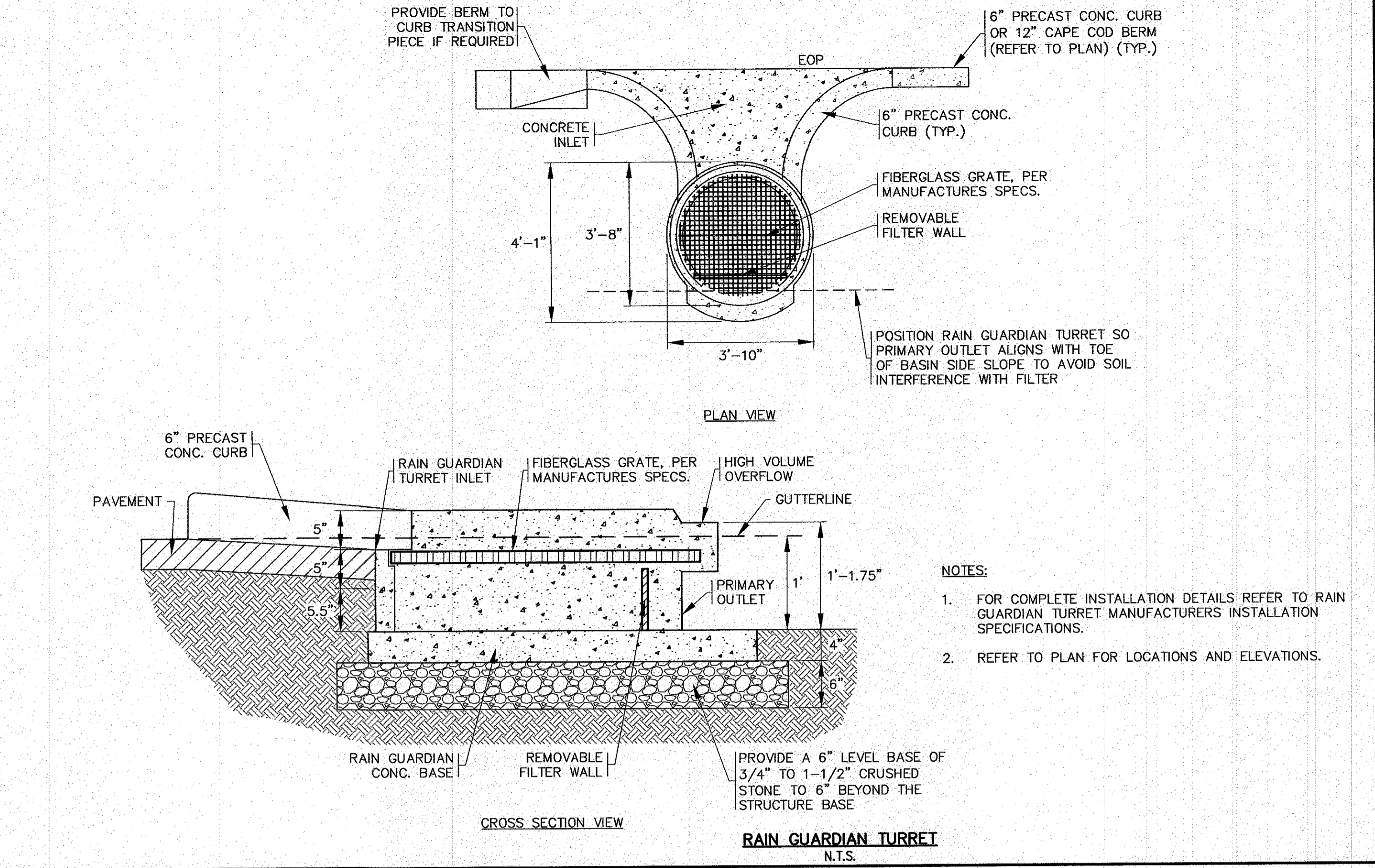
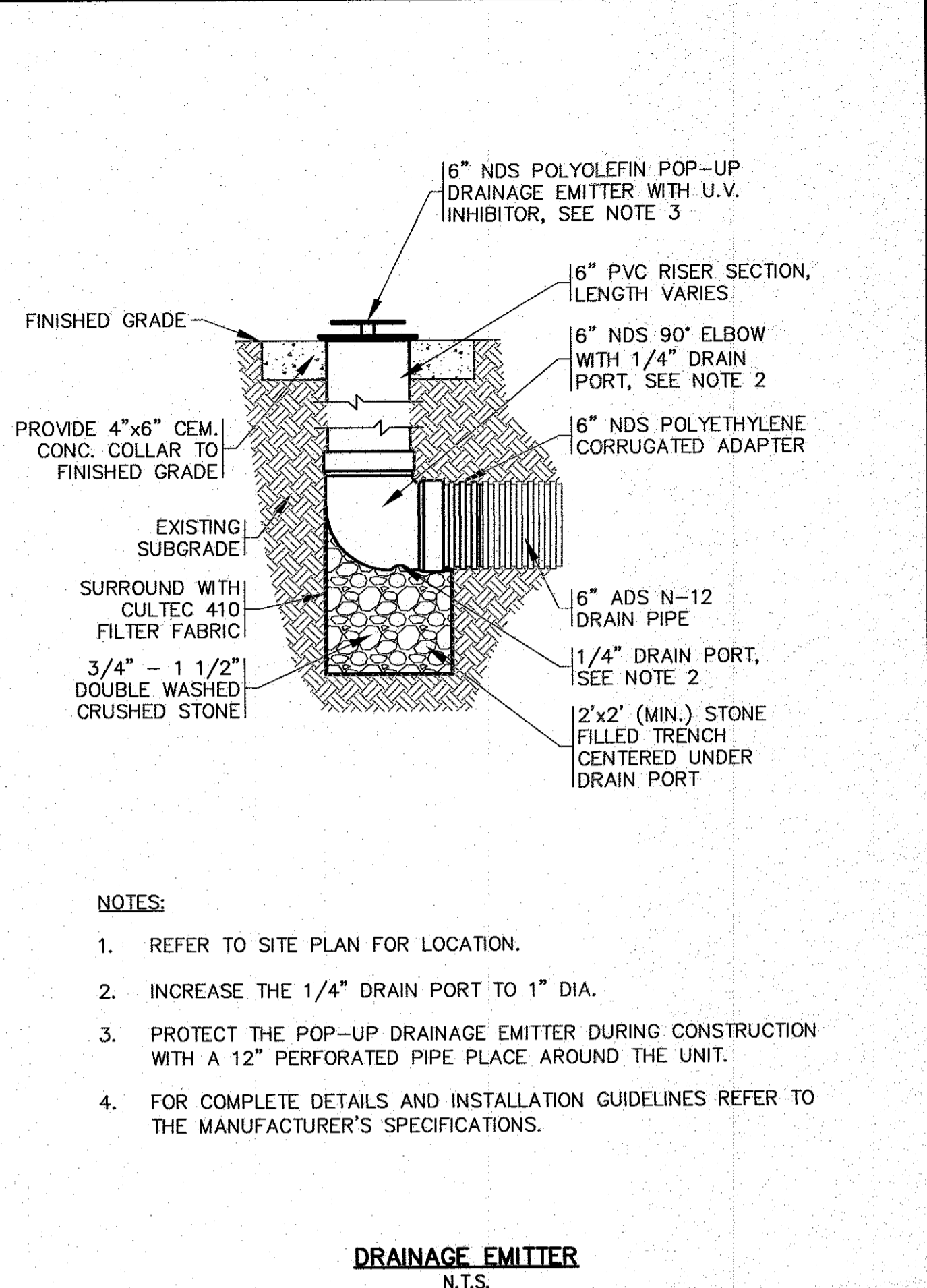
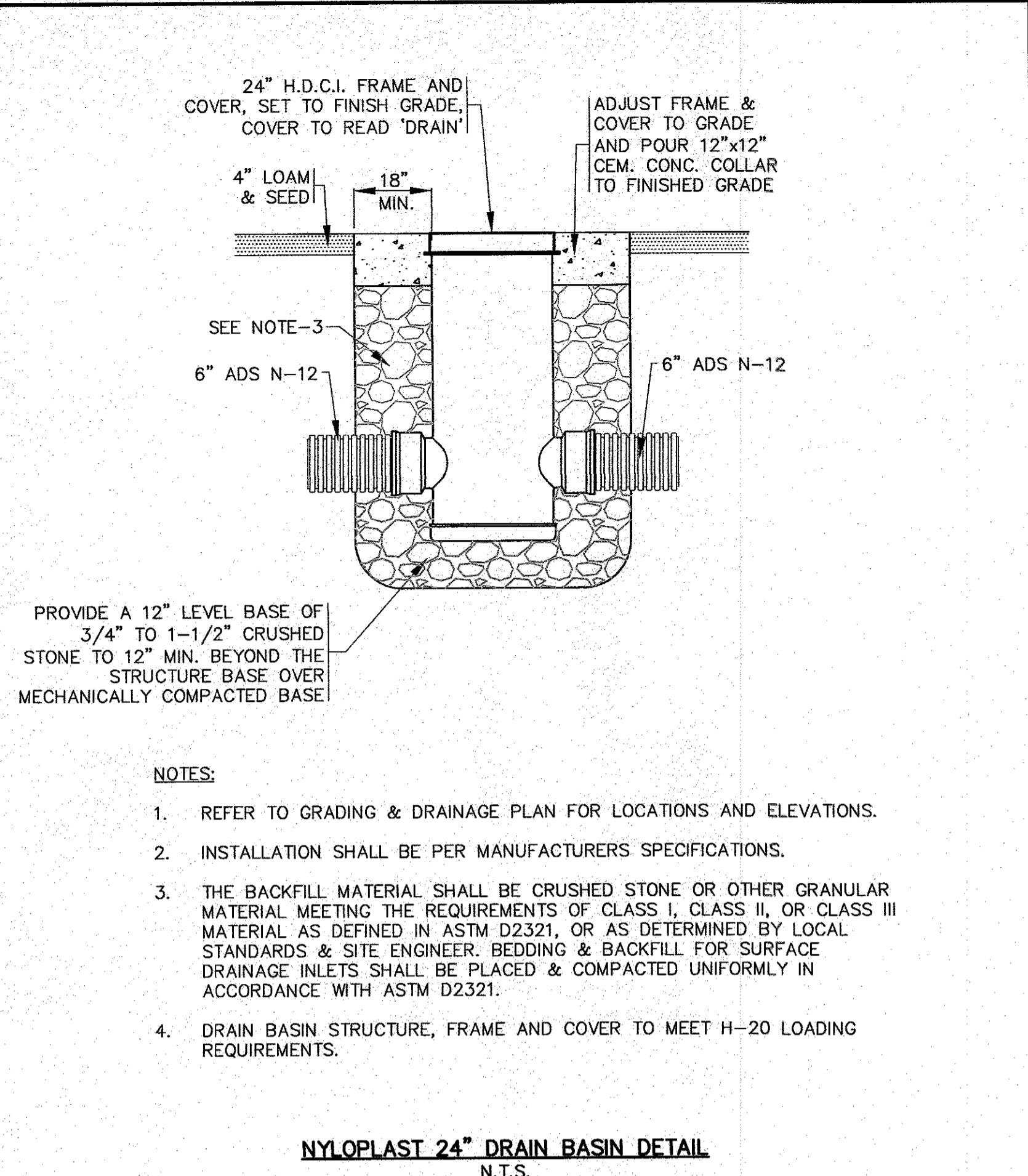


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DRAWN BY: JMP	APPROVED BY:		BY
CHECKED BY: EAF	APPROVED BY:		DATE
JOB NO.: 21-9731	SCALE: 1" = 20'		REV.
G.A.F. ENGINEERING, INC. PROFESSIONAL ENGINEERS & LAND SURVEYORS 266 MAIN STREET - WAREHAM, MA 02571 TEL: (508) 295-6600 FAX: (508) 295-6634 E-MAIL: 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	
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PERMIT SET
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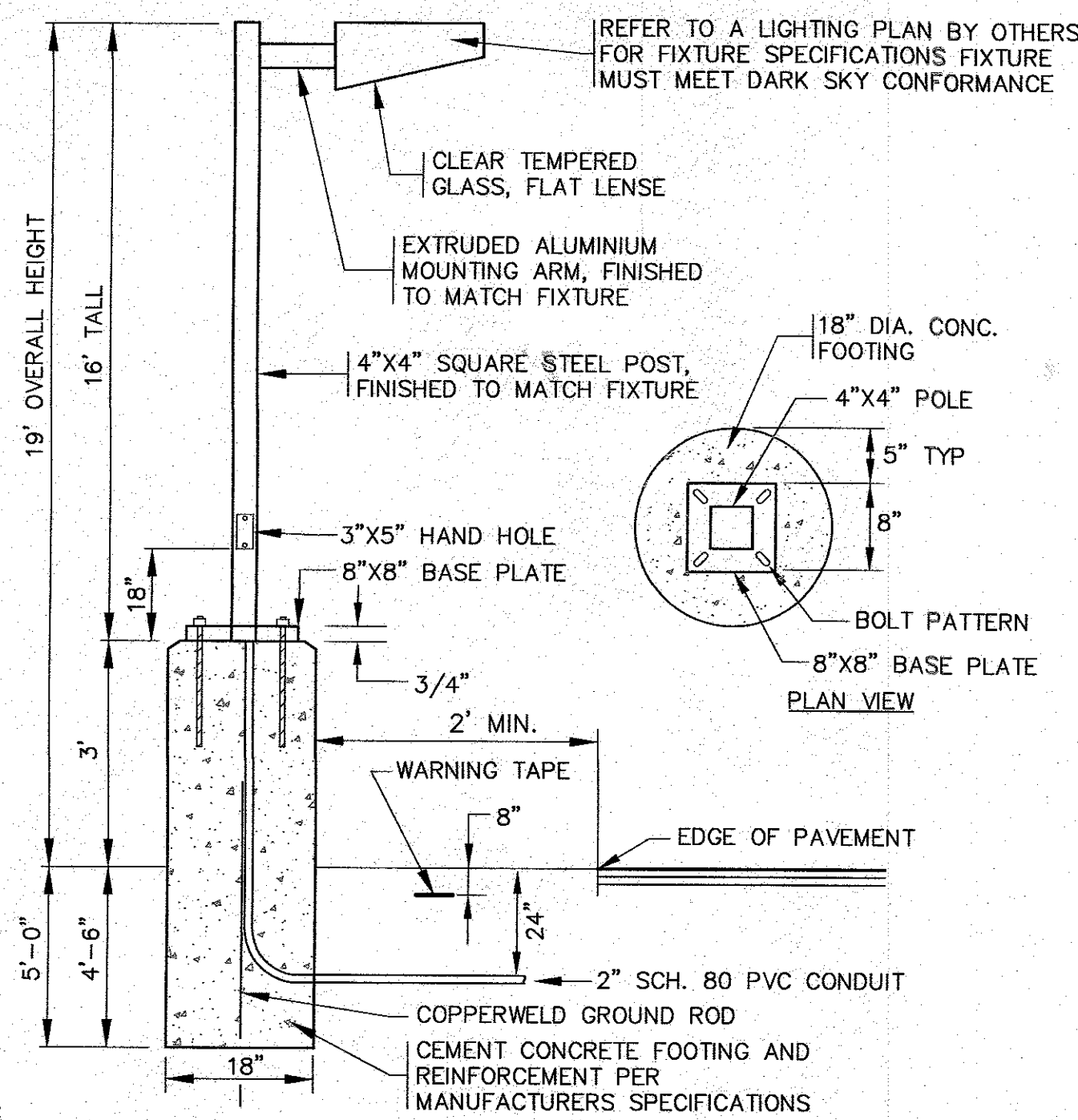
DATE: FEB. 10, 2022	DRAWN BY: J.M.P.	CHECKED BY: W.F.M.	JOB NO.: 21-9731	SCALE: N.T.S.	REV.	DATE	BY	APPD	DESCRIPTION
APPROVED BY: <i>[Signature]</i>									
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SITE IMPROVEMENTS PLAN DETAIL SHEET 1 PREPARED FOR: WAREHAM, MA 3 KENDRICK ROAD, LLC 3 KENDRICK ROAD MARION, MA P.O. BOX 1135									
JOB NO.: 21-9731 PERMIT SET (NOT FOR CONSTRUCTION) DWG. 8 OF 10									



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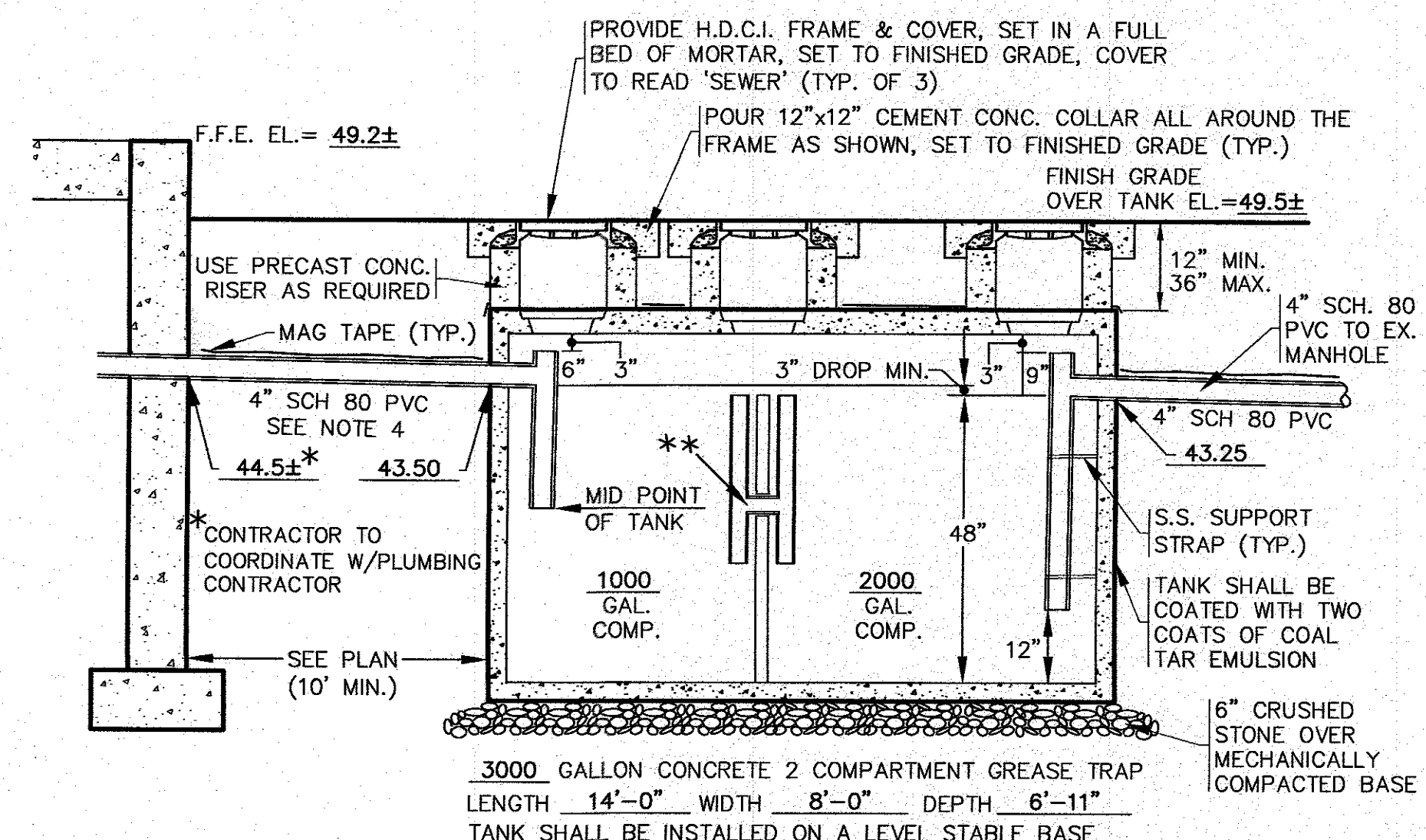
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<p>SITE IMPROVEMENTS PLAN DETAIL SHEET 2</p>	<p>PREPARED FOR: 3 KENDRICK ROAD, LLC 3 KENDRICK ROAD, MARION, MA P.O. BOX 1135</p>
<p>JOB NO.: 21-9731</p>	<p>PERMIT SET (NOT FOR CONSTRUCTION)</p>
<p>DWG. 9 OF 10</p>	



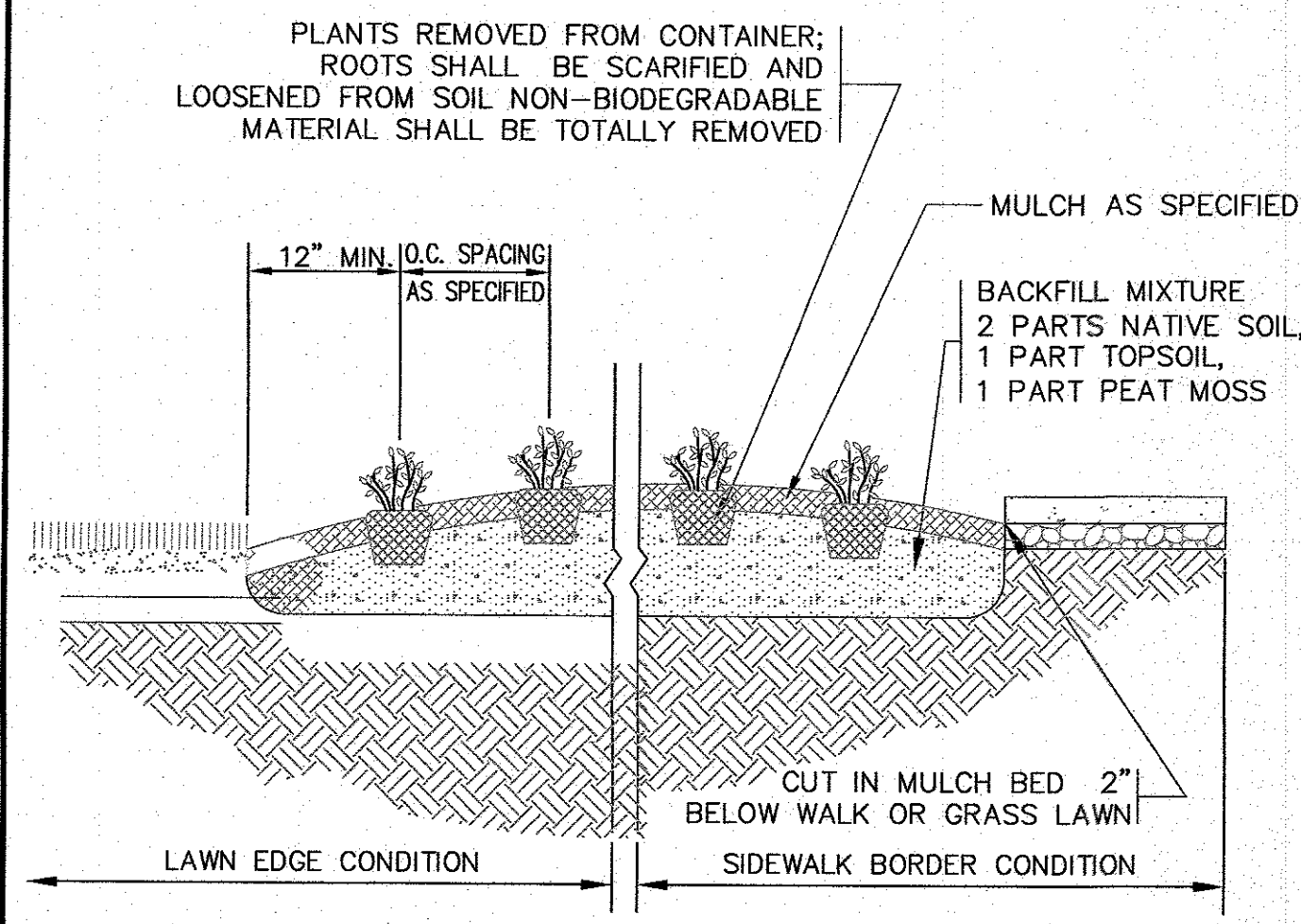
- NOTES:**
- CIRCUIT CONDUCTORS TO BE PULLED AND TERMINATED BY ELECTRIC CONTRACTOR TO COORDINATE.
 - CONTRACTOR TO COORDINATE WITH OWNER ON FINAL LIGHT FIXTURE SPECIFICATIONS.
 - ALL MOUNTING HARDWARE AND INSTALLATION SHALL BE PER MANUFACTURER SPECIFICATIONS.
 - ALL LIGHTING LAYOUT & FIXTURES SHALL COMPLY WITH SECTION 1240 (LIGHTING) OF THE TOWN OF WAREHAM ZONING BYLAW.

STANDARD LIGHT POLE W/BASE
N.T.S.

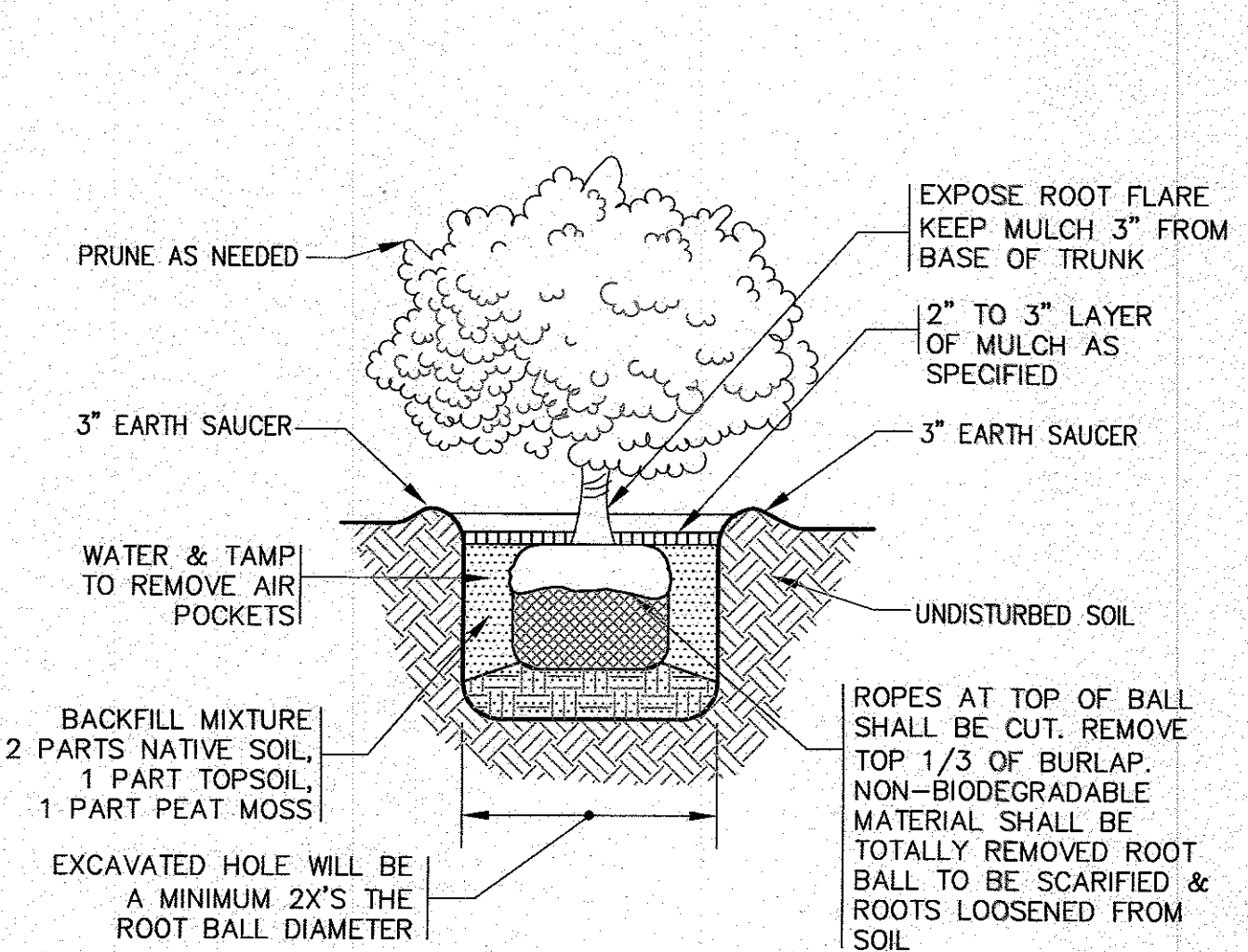


- NOTES:**
- TANK SHALL BE MONOLITHIC, WATER TIGHT.
 - TANK SHALL MEET ALL REQUIREMENTS OF 310 CMR 15.230.
 - CONCRETE COLLAR SHALL MEET ALL MassDOT STANDARDS.
 - WHERE THE SEWER LINE CROSSES THE STONE FILLED TRENCH, ENCASE SEWER PIPE IN CEMENT CONCRETE A MINIMUM OF 24" IN EACH DIRECTION.

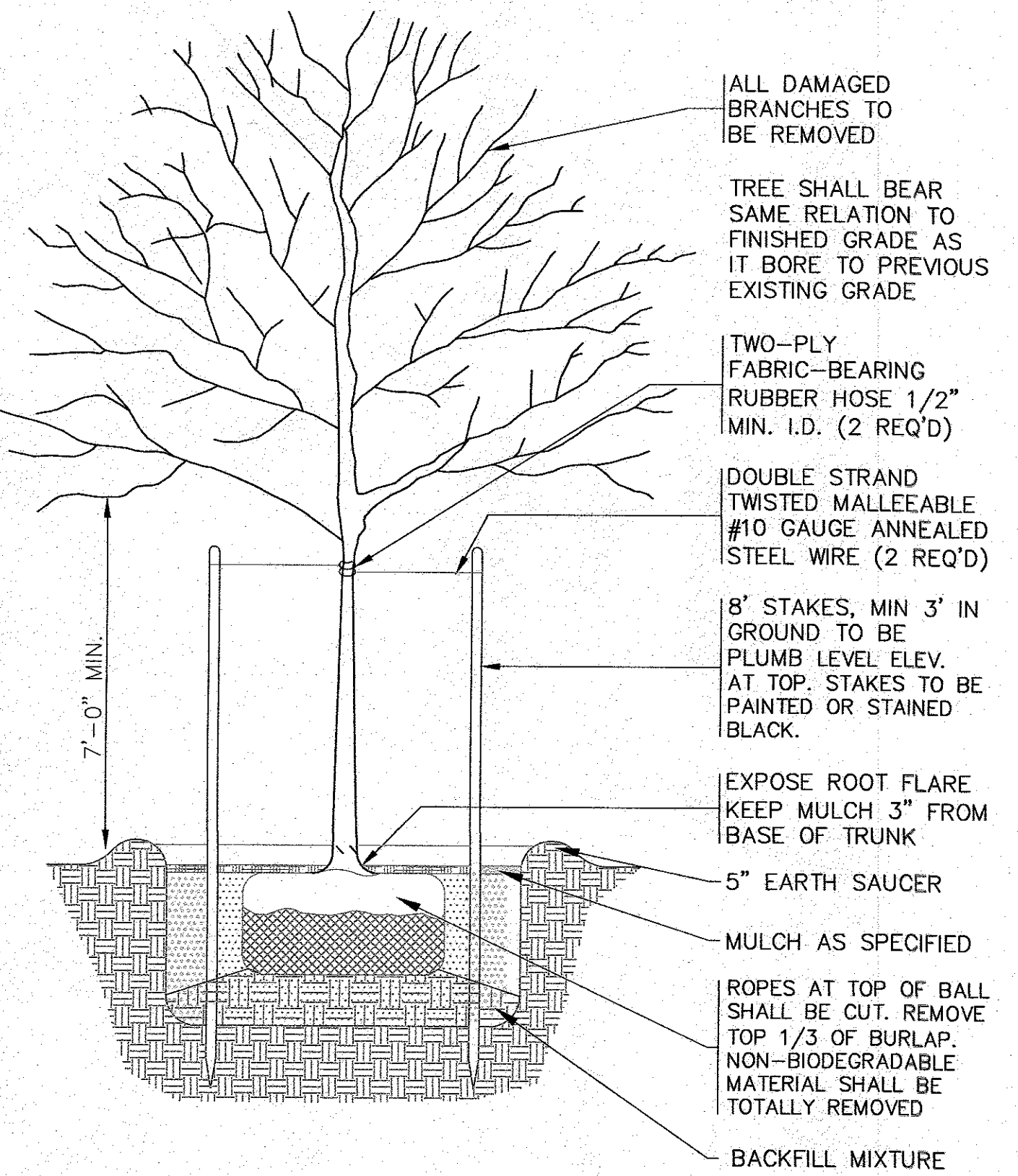
GREASE TRAP PROFILE
N.T.S./H-20 LOADING REQUIRED



GROUNDCOVER PLANTING DETAIL
N.T.S.

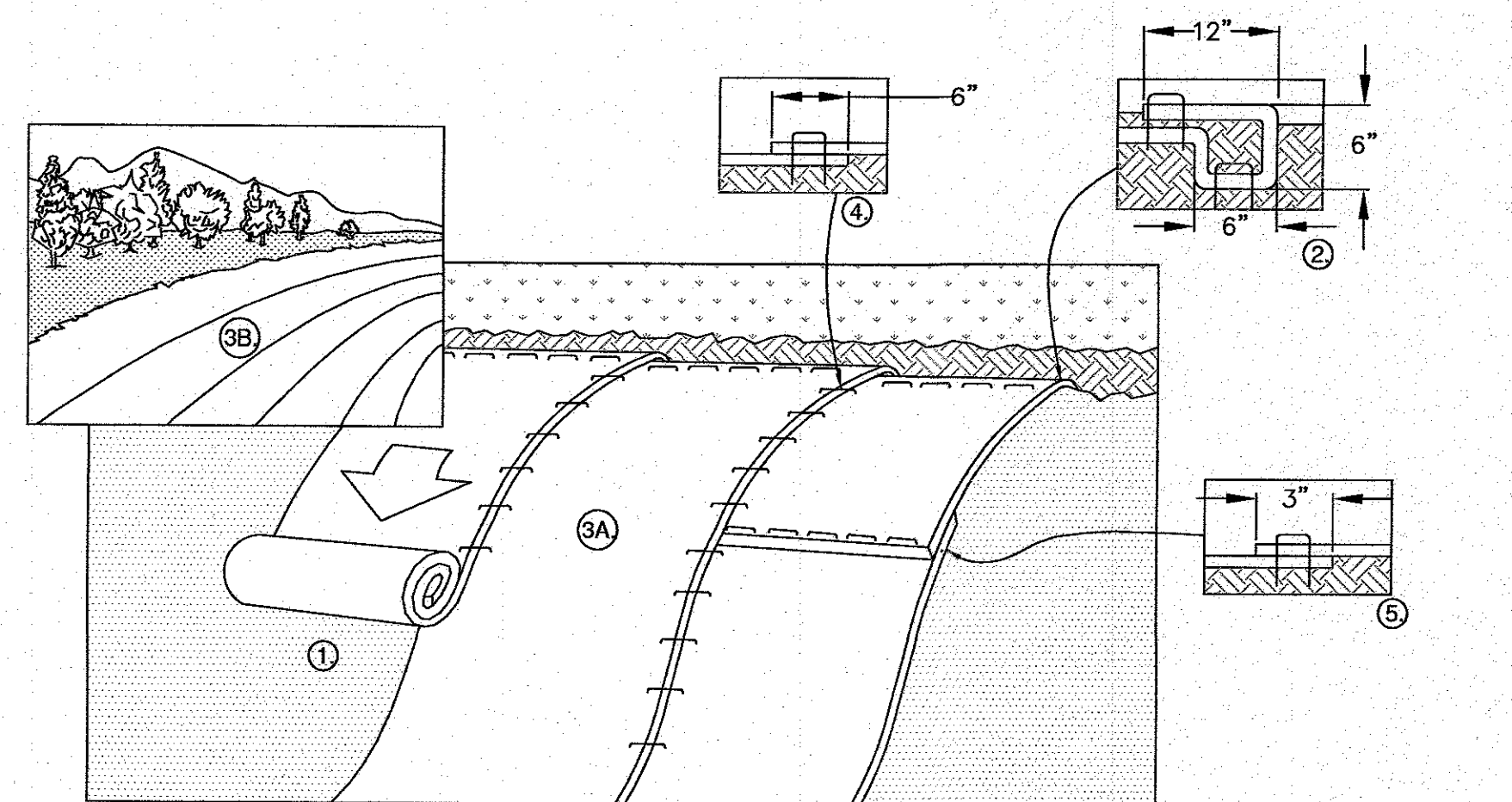


SHRUB PLANTING
N.T.S.



- NOTES:**
- REFER TO LANDSCAPING PLAN FOR PLANTING LOCATIONS.

SHADE TREE PLANTING DETAIL
N.T.S.



- NOTES:**
- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPS), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-0-SEED DO NOT SEED PREPARED AREA. CELL-0-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPS IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECPS EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPS WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECPS BACK OVER SEED AND COMPACTED SOIL. SECURE RECPS OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECPS.
 - ROLL THE RECPS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECPS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
 - THE EDGES OF PARALLEL RECPS MUST BE STAPLED WITH APPROXIMATELY 6" OVERLAP.
 - CONSECUTIVE RECPS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE RECPS WIDTH. NOTE: *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE RECPS.
 - REFER TO NORTH AMERICAN GREEN FOR INSTALLATION METHODS AND STAPLE CONFIGURATION FOR PRODUCT #C125BN.

EROSION CONTROL BLANKET SLOPE DETAIL
N.T.S.

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JOB NO.: 21-9731		PERMIT SET (NOT FOR CONSTRUCTION) DWG. 10 OF 10		