

FACILITIES MASTER PLAN - ENABLING PROJECTS

ELECTRIC BOAT CORPORATION, NORTH YARD · GROTON · CONNECTICUT
LUMBER STORES AND PROPANE TANK

JUNE 5, 2018

REVISED AUGUST 17, 2018



PREPARED BY
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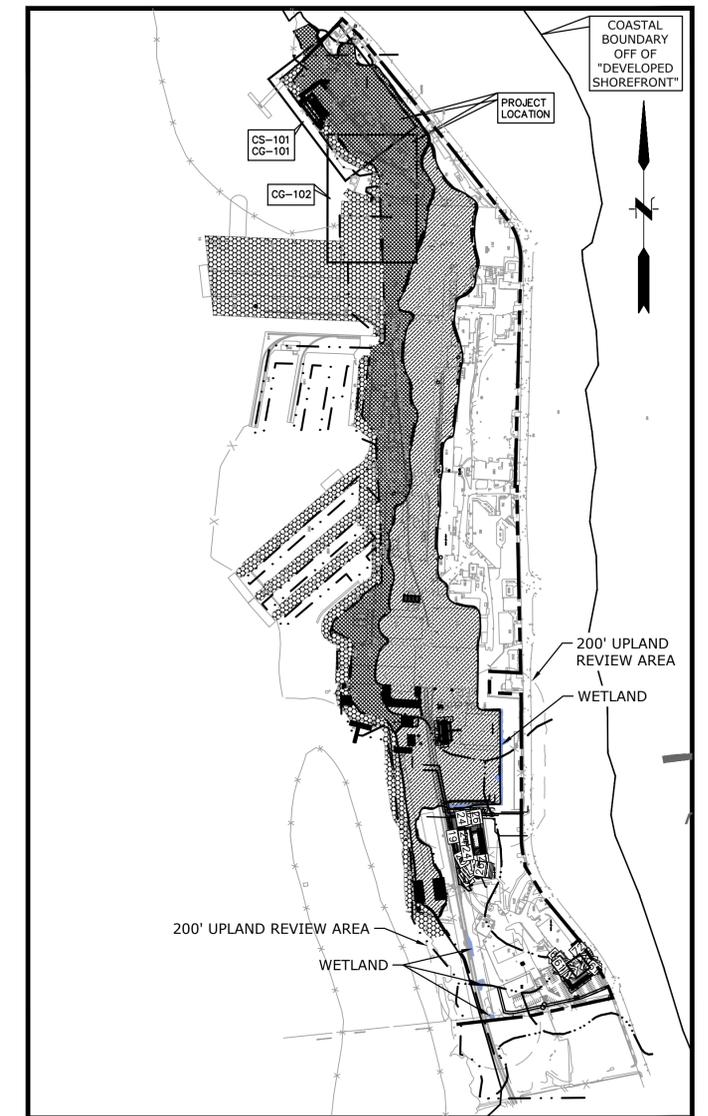
PREPARED FOR
ELECTRIC BOAT CORPORATION
 75 EASTERN POINT ROAD
 GROTON, CT

SHEET INDEX

SHEET No.	SHEET TITLE
GI-001	COVER SHEET
GEN-01	GENERAL NOTES
CS-101	SITE DEMOLITION AND LAYOUT PLAN LUMBER STORES
CG-101	SITE GRADING AND DRAINAGE PLAN LUMBER STORES
CG-102	SITE GRADING AND DRAINAGE PLAN PROPANE TANK
CD-501 TO CD-502	DETAILS



PROPERTY LOCATION MAP
 SCALE: 1" = 2500'

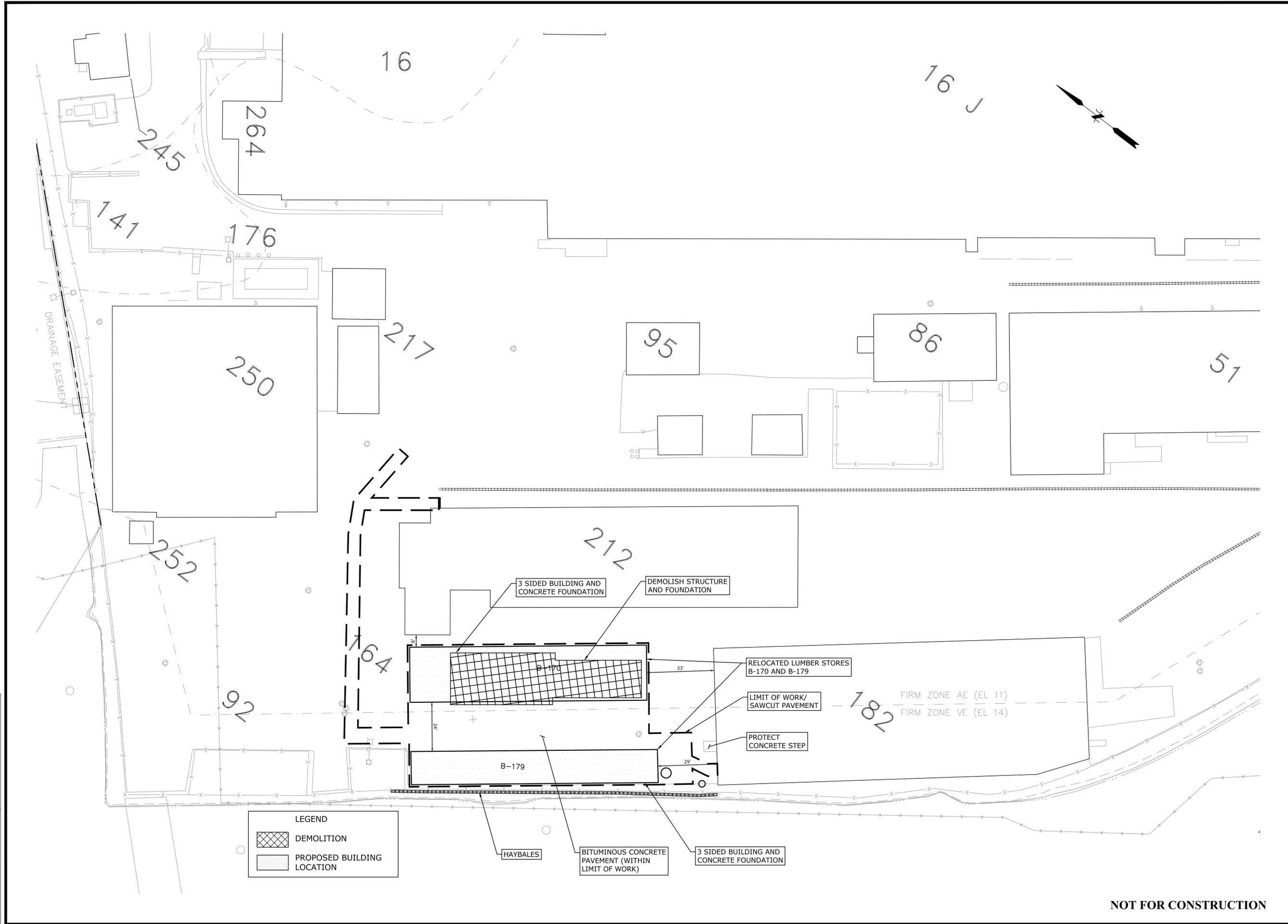


PROJECT LOCATION MAP
 SCALE: 1" = 400'

NOT FOR CONSTRUCTION

PROJ. No.: 1997570.A11
 DATE: JUNE 2018

GI-001



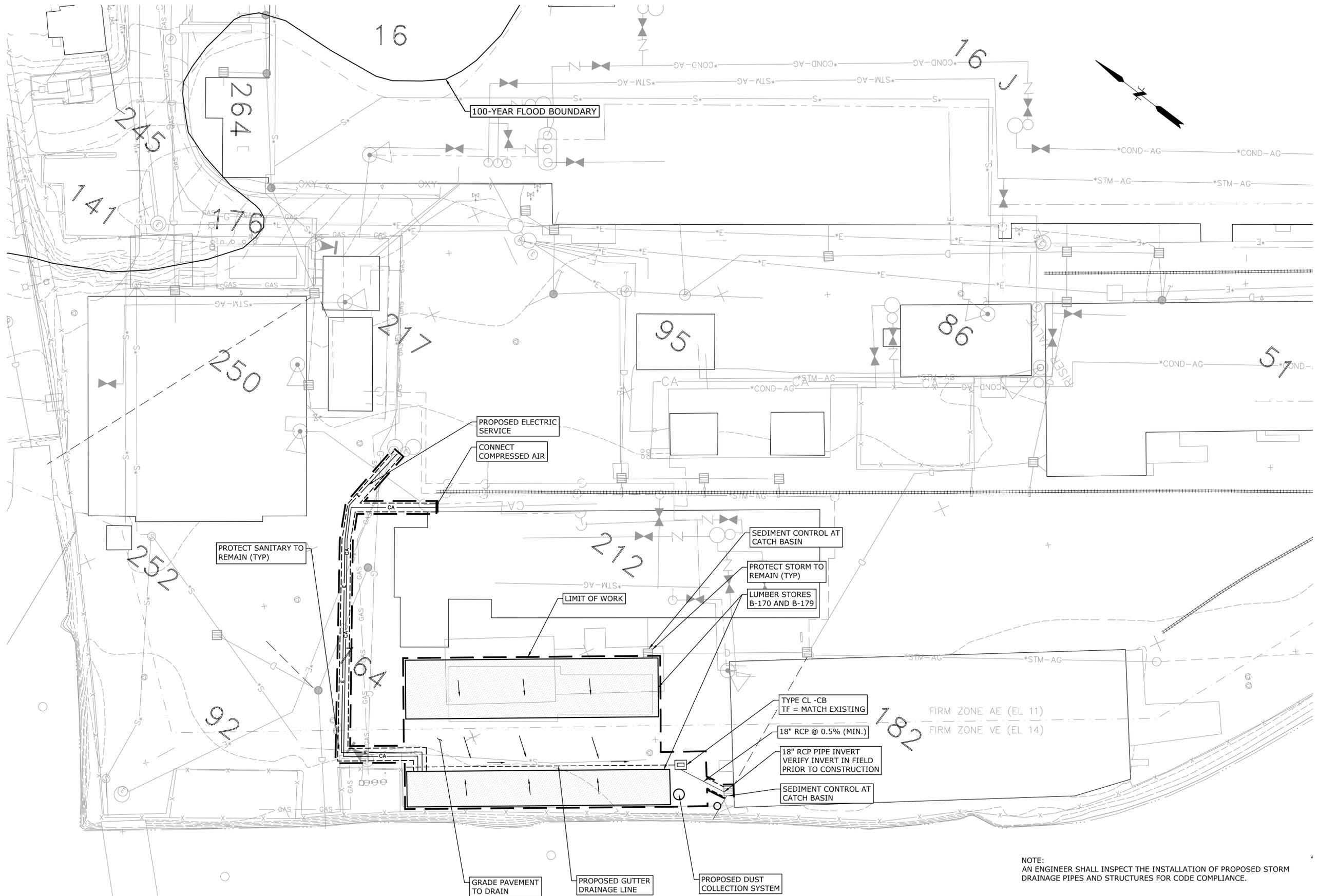
LEGEND

- DEMOLITION
- PROPOSED BUILDING LOCATION

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<p>SCALE: HORZ.: 1" = 20' VERT.: DATUM: HORZ.: VERT.: GRAPHIC SCALE</p>				<p>FUSS & O'NEILL 146 HARTFORD ROAD NORTH HAVEN, CONNECTICUT 06460 860.646.2460 www.fuss.com</p>			
<p>FACILITIES MASTER PLAN - ENABLING PROJECTS SITE DEMOLITION AND LAYOUT PLAN LUMBER STORES NORTH YARD ENABLING PROJECTS CONNECTICUT</p>							
<p>GROTON</p>							
<p>PROJ. No.: 1997570.A11 DATE: JUNE 5, 2018</p>							
<p>CS-101</p>							
				<p>No. 1. 8/17/2018 DATE</p>			
				<p>DESIGNER REVIEWER</p>			

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PROTECT SANITARY TO REMAIN (TYP)

PROPOSED ELECTRIC SERVICE
 CONNECT COMPRESSED AIR

LIMIT OF WORK

SEDIMENT CONTROL AT CATCH BASIN
 PROTECT STORM TO REMAIN (TYP)
 LUMBER STORES B-170 AND B-179

TYPE CL-CB TF = MATCH EXISTING
 18" RCP @ 0.5% (MIN.)
 18" RCP PIPE INVERT VERIFY INVERT IN FIELD PRIOR TO CONSTRUCTION
 SEDIMENT CONTROL AT CATCH BASIN

GRADE PAVEMENT TO DRAIN

PROPOSED GUTTER DRAINAGE LINE

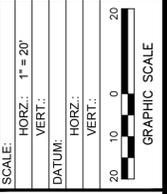
PROPOSED DUST COLLECTION SYSTEM

FIRM ZONE AE (EL 11)
 FIRM ZONE VE (EL 14)

NOTE:
 AN ENGINEER SHALL INSPECT THE INSTALLATION OF PROPOSED STORM DRAINAGE PIPES AND STRUCTURES FOR CODE COMPLIANCE.

NOT FOR CONSTRUCTION

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1.	8/17/2018			LMM	KS



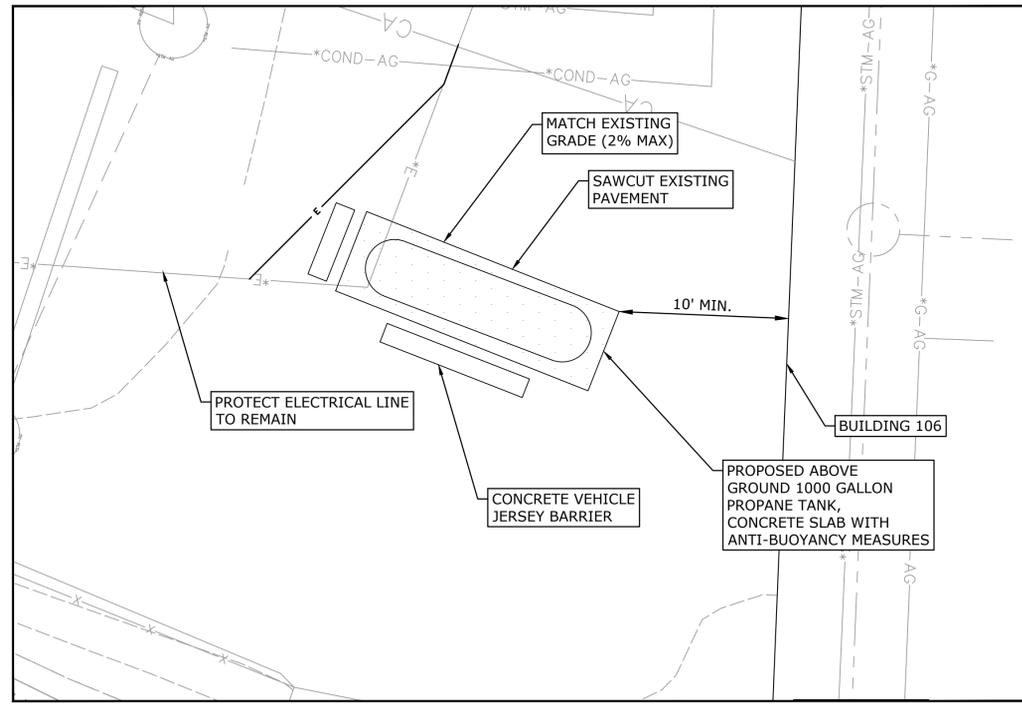
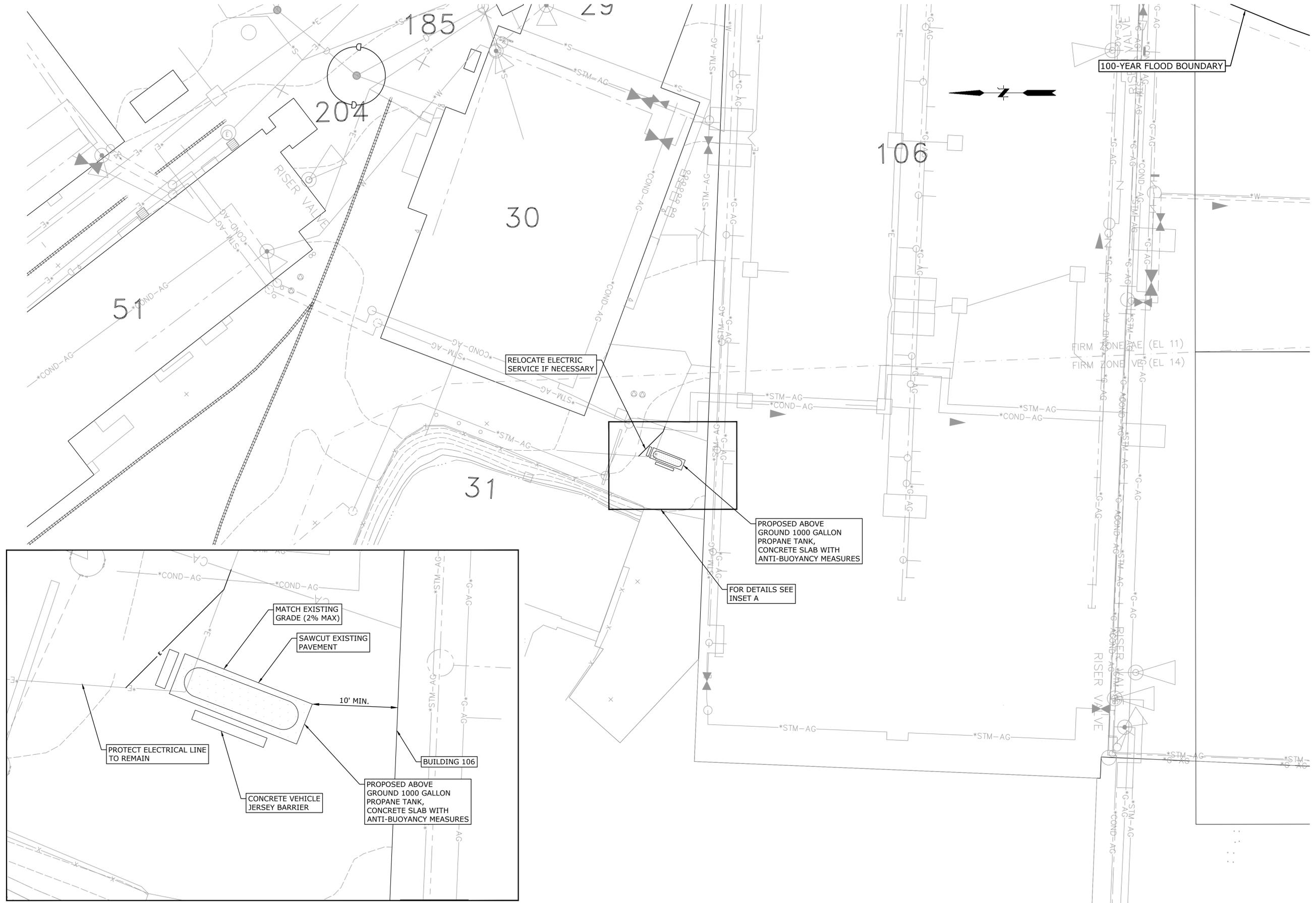
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 SITE GRADING AND DRAINAGE PLAN
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 NORTH YARD
 ENABLING PROJECTS
 GROTON, CONNECTICUT

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CG-101

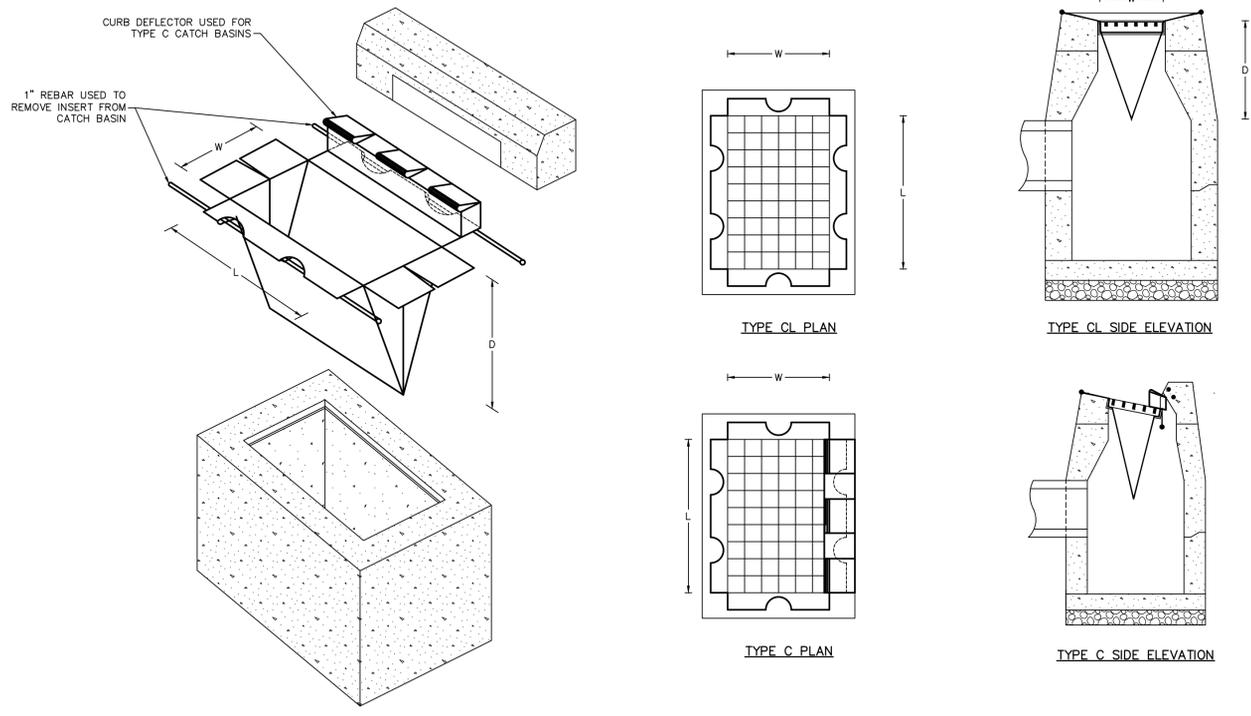
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INSERT A
 SCALE: 1" = 5'

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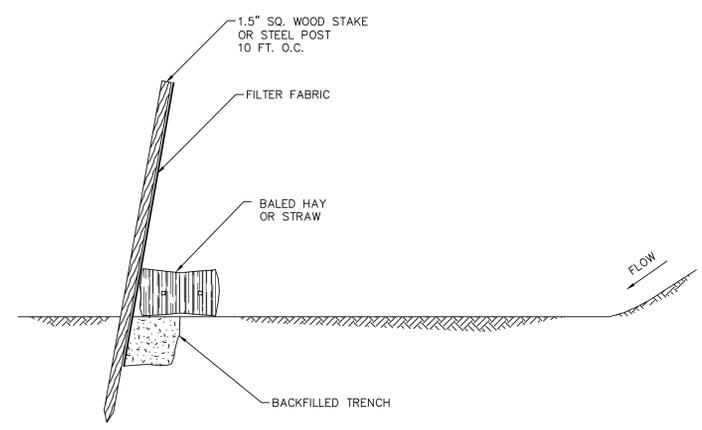
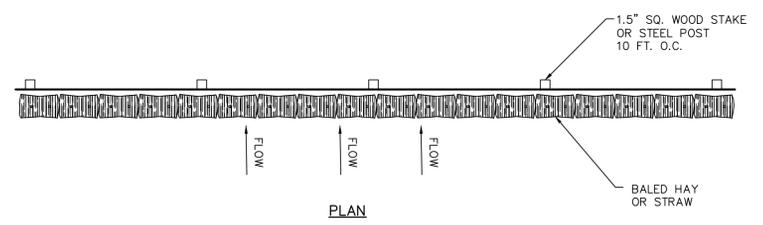
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<p>FACILITIES MASTER PLAN - ENABLING PROJECTS SITE GRADING AND DRAINAGE PLAN PROPANE TANK NORTH YARD ENABLING PROJECTS GROTON, CONNECTICUT</p>											
<p>SCALE: HORZ.: 1" = 20' VERT.: DATUM: HORZ.: VERT.: 20 10 0 10 20 GRAPHIC SCALE</p>	<table border="1"> <thead> <tr> <th>No.</th> <th>DATE</th> <th>STAFF COMMENTS</th> <th>DESIGNER</th> <th>REVIEWER</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>8/17/2018</td> <td></td> <td>LMM</td> <td>KS</td> </tr> </tbody> </table>	No.	DATE	STAFF COMMENTS	DESIGNER	REVIEWER	1.	8/17/2018		LMM	KS
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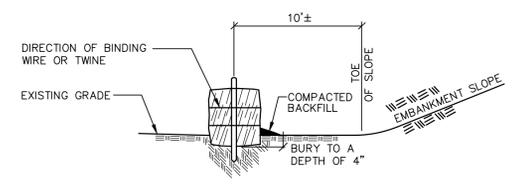
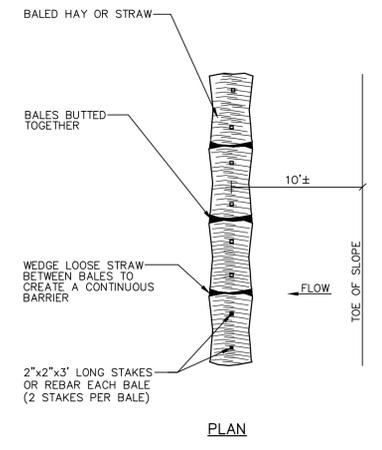
EROSION & SEDIMENT CONTROL NOTES

1. CONSTRUCTION STANDARDS— CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE MOST RECENT EDITION OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (CT DEP BULLETIN 34). ALL MEASURES SHALL BE MAINTAINED AND UPGRADED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
2. PLAN IMPLEMENTATION— IMPLEMENT THIS EROSION AND SEDIMENT CONTROL PLAN. THIS IMPLEMENTATION INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES UNTIL PERMANENT AND VEGETATIVE STABILIZATION IS ACHIEVED, INFORMING ALL SUBCONTRACTORS OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE PROPER MUNICIPAL AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY. THE OWNER SHALL BE RESPONSIBLE FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN TO THE NEW OWNER IF THE TITLE OF THE LAND IS TRANSFERRED PRIOR TO ACHIEVING PERMANENT STABILIZATION.
3. INSTALLATION SCHEDULE — INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO CONSTRUCTION. INSTALL ADDITIONAL CONTROL MEASURES DURING THE CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE OWNER, HIS AGENTS OR AGENTS OF THE MUNICIPALITY.
4. FUGITIVE DUST — CONTROL FUGITIVE DUST USING WATER SPRAYS ON SOIL SURFACES, SWEEPING PAVED AREAS, TEMPORARY WINDBREAKS OR NON-ASPHALTIC SOIL TACKIFIERS.
6. CATCH BASINS— PROTECT CATCH BASINS WITH PROPER CONTROLS THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
7. STOCKPILES— DO NOT STOCKPILE. DIRECT LOAD EXCESS MATERIAL, AS NECESSARY.
8. TOE OF SLOPE — ESTABLISH AN EROSION CONTROL BARRIER (SILT FENCE AND HAY BALE BARRIER) APPROXIMATELY 5 TO 10 FEET FROM THE PROPOSED TOE OF THE CUT OR FILL AREA PRIOR TO BEGINNING EARTHWORK.
9. SEDIMENT REMOVAL — SEDIMENT REACHING 1/2 THE HEIGHT OF THE EROSION CONTROL BARRIER SHALL BE REMOVED. REMOVE AND DISPOSE OF SEDIMENT IN A MANNER CONSISTENT WITH THE INTENT OF THE PLAN.
10. SOIL STABILIZATION SCHEDULE — APPLY PERMANENT SOIL STABILIZATION MEASURES TO ALL GRADED AREAS WITHIN 7 DAYS OF ESTABLISHING FINAL GRADE. APPLY TEMPORARY SOIL STABILIZATION MEASURES IF FINAL GRADING IS TO BE DELAYED MORE THAN 30 DAYS.
11. TEMPORARY SEEDING — TEMPORARILY SEED ERODIBLE SOILS THAT WILL BE EXPOSED GREATER THAN 1 BUT LESS THAN 12 MONTHS WITHIN THE FIRST 7 DAYS OF SUSPENDING GRADING OPERATIONS. APPLY LIME AT A RATE OF 90 LBS/1000 SQ. FT. APPLY 10-10-10 FERTILIZER AT A RATE OF 7 1/2 LBS/1000 SQ. FT. APPLY PERENNIAL RYE GRASS AT A RATE OF 2 LBS/1000 SQ. FT. TO A DEPTH OF 1/2 INCH. OPTIMUM SEEDING DATES ARE MARCH 15 TO JULY 1 AND AUGUST 1 TO OCTOBER 15. MULCH FOR SEED APPLIED WITHIN THE OPTIMUM SEEDING DATES SHALL BE APPLIED EVENLY SUCH THAT IT PROVIDES 80%-95% SOIL COVERAGE. MULCH FOR SEED APPLIED OUTSIDE OF THE OPTIMUM SEEDING DATES SHALL BE APPLIED EVENLY SUCH THAT IT PROVIDES 95%-100% COVERAGE.
12. INSPECTION — THE OWNER SHALL SECURE THE SERVICES OF A SOIL SCIENTIST OR PROFESSIONAL ENGINEER TO VERIFY IN THE FIELD THAT THE CONTROLS REQUIRED BY THIS PLAN ARE PROPERLY INSTALLED AND MAINTAINED. THESE INSPECTIONS SHALL NOT BE LESS FREQUENTLY THAN WEEKLY AND WITHIN 24 HOURS OF THE END OF A STORM HAVING A RAINFALL AMOUNT OF 1/2 INCH OR GREATER. MARIE MARTIN PROJECT MANAGER — ELECTRIC BOAT CORPORATION. 860-433-2710 SHALL BE CONTACTED FOR EROSION CONTROL INQUIRIES.

SEDIMENT CONTROL AT CATCH BASIN
NOT TO SCALE



SILT FENCE W/HAY BALE
NOT TO SCALE



HAY BALES
NOT TO SCALE

NOTE:
1. NO STAKE REQUIRED IN PAVEMENT AREAS.

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1.	8/17/2018		LMM	KS

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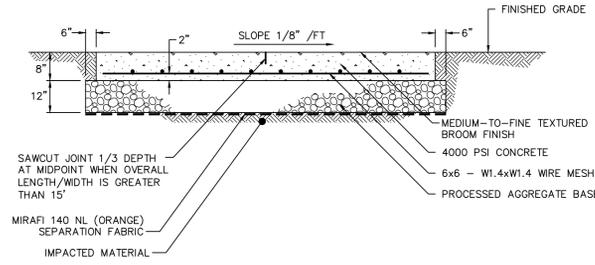
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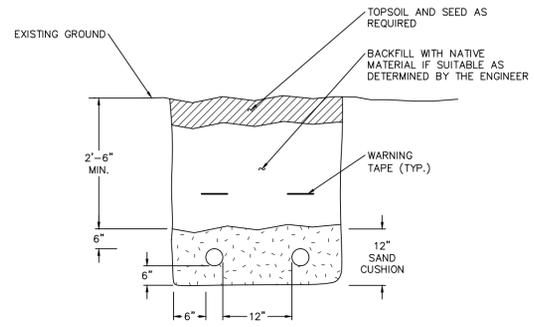
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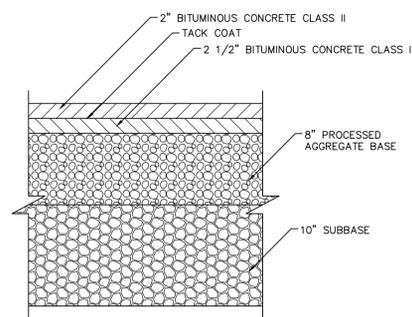


UTILITY CONCRETE PAD
 NOT TO SCALE



UNDERGROUND CONDUIT TRENCH NOTES
 1. INSTALL MARKING TAPE ABOVE THE ELECTRIC, TELEPHONE CONDUIT AND BURIED GAS LINE.

UNDERGROUND UTILITIES TRENCH
 NOT TO SCALE



BITUMINOUS CONCRETE PAVEMENT (HEAVY DUTY)
 NOT TO SCALE

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.			xx/xx	xx

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