

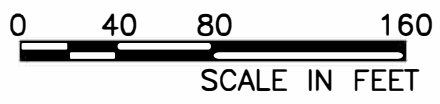
TEST PITS AND BORINGS				
POINT #	DESCRIPTION	NORTHING	EASTING	GROUND
2078 boring 1		492693.73	1352196.36	112.26
2151 boring 2		492604.92	1351939.43	126.07
2174 boring 3		492259.41	1351787.01	127.64
2160 boring 4		492449.05	1352058.52	117.08
2164 boring 5		492299.26	1352382.48	95.71
2172 surface Sample 2		492548.14	1351677.66	128.69
2170 surface Sample 3		492334.71	1351630.69	131.31
2178 surface Sample 4		492039.99	1351920.89	115.82
2153 surface Sample 5		492584.79	1351888.95	129.09
2154 surface Sample 6		492613.05	1351872.89	129.24
2143 surface Sample 7		492745.62	1351913.62	123.04
2144 surface Sample 8		492750.81	1351973.71	122.41
2166 surface Sample 9		492299.78	1352300.31	100.22
2159 surface Sample 10		492530.07	1351976.95	123.40
2070 test-pit 1		492633.07	1352278.25	104.62
2071 test-pit 2		492606.57	1352208.04	108.49
2072 test-pit 3		492593.45	1352160.10	112.02
2073 test-pit 4		492561.89	1352065.64	119.03
2074 test-pit 5		492511.72	1352009.38	120.90
2168 test-pit 6		492425.23	1351932.36	125.08
2175 test-pit 7		492289.53	1351866.83	124.68
2186 test-pit 8		492239.26	1351693.50	131.07

2176 test-pit 9	492144.91	1351966.45	116.78
2179 test-pit 10	492063.30	1351880.72	119.32
2182 test-pit 11	492338.18	1351967.58	119.78
2180 test-pit 12	492164.97	1352082.97	110.77
2162 test-pit 13	492508.49	1352322.26	102.04
2163 test-pit 14	492350.44	1352403.74	95.56
2161 test-pit 15	492463.55	1352206.13	109.48
2165 test-pit 16	492296.16	1352319.50	99.02
2169 test-pit 17	492374.68	1351704.47	129.88
2181 test-pit 18	492109.74	1352170.28	103.64
2183 test-pit 19	492255.23	1352161.50	102.83
2177 test-pit 20	492071.95	1352057.07	111.41
2171 test-pit 21	492500.83	1351687.88	130.08
2077 test-pit 22	492719.13	1352228.00	109.56
2101 test-pit 23	492706.37	1352114.68	117.47
2152 test-pit 24	492610.34	1351915.42	127.42

TEST PITS AND BORINGS POINT #	DESCRIPTION	NORTHING	EASTING	PVC	CASING	GROUND
2220	Monitoring Well 1	492426.77	1352208.41	111.16	111.24	109.42
2221	Monitoring Well 2	492356.82	1351969.09	122.77	122.78	121.10
2224	Monitoring Well 3	492264.86	1351687.31	132.81		131.27
1239	concrete well cover	492696.71	1352080.47	120.73		
1240	well casing	492678.95	1352124.06	118.34		
1375	well casing	492551.20	1351858.62	130.84		

NOTE:

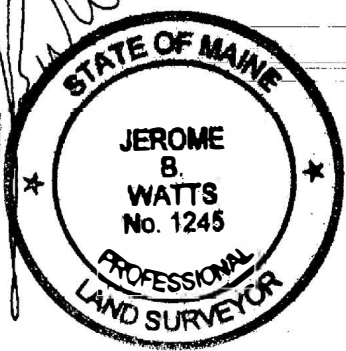
1. SEE SHEET G-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.



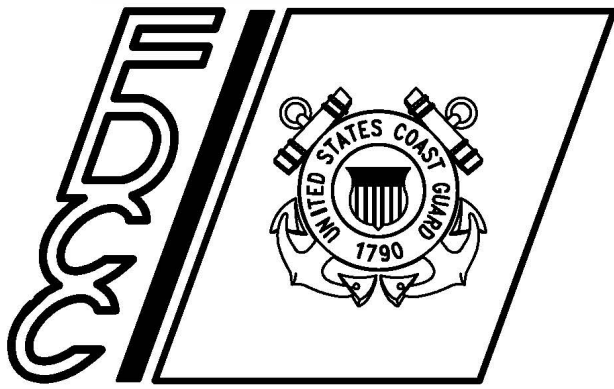
AMEC Foster Wheeler HDR.
JOINT VENTURE

CONSULTANTS

FINAL SUBMITTAL
8/09/2019



FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE

MARK	DATE	DESCRIPTION
B	8/09/19	FINAL SUBMISSION
A	7/12/19	DRAFT SUBMISSION

A/E PROJECT NO: 335000007
CAD FILE NAME: 6841069C103.DWG
DESIGNED BY: GL
DRAWN BY: WJW
EDITED BY:
CHECKED BY: JBW

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

SITE DEVELOPMENT EVALUATION
EASTPORT, MAINE
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
SURVEY
EXISTING CONDITIONS-1

REVIEWED BY: REVIEWED BY: REVIEWED BY:

PROJECT ENG. BRANCH CHIEF TECH. DIRECTOR

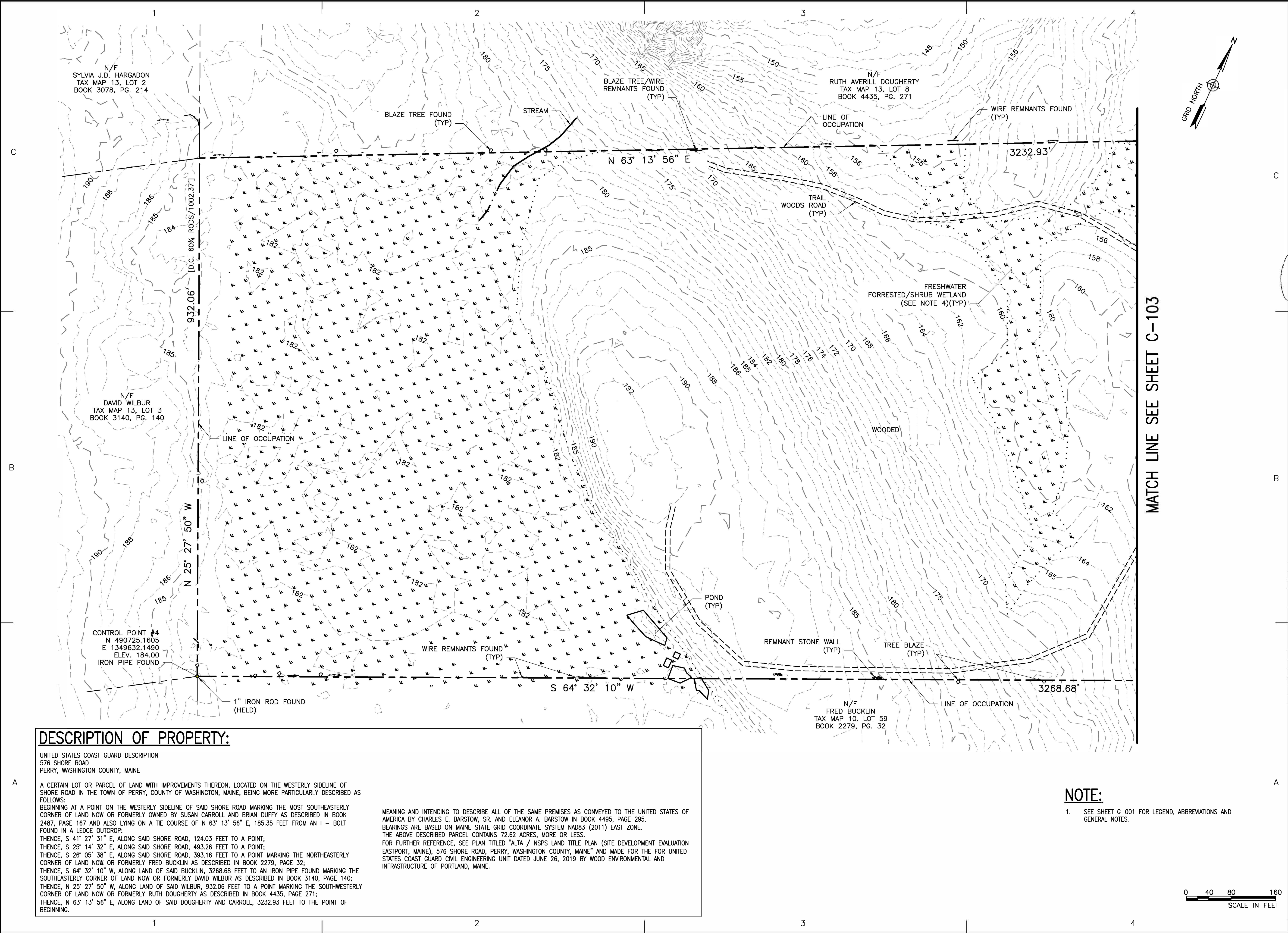
APPROVING OFFICER DATE

PROJECT NUMBER DRAWING NUMBER

01-6841069 6841069C101

DISCIPLINE/SHT NO

C101 SHEET 05 OF 112



MATCH LINE SEE SHEET C-103

DESCRIPTION OF PROPERTY:

UNITED STATES COAST GUARD DESCRIPTION
576 SHORE ROAD
PERRY, WASHINGTON COUNTY, MAINE

A CERTAIN LOT OR PARCEL OF LAND WITH IMPROVEMENTS THEREON, LOCATED ON THE WESTERLY SIDELINE OF SHORE ROAD IN THE TOWN OF PERRY, COUNTY OF WASHINGTON, MAINE, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT ON THE WESTERLY SIDELINE OF SAID SHORE ROAD MARKING THE MOST SOUTHEASTERLY CORNER OF LAND NOW OR FORMERLY OWNED BY SUSAN CARROLL AND BRIAN DUFFY AS DESCRIBED IN BOOK 2487, PAGE 167 AND ALSO LYING ON A TIE COURSE OF N 63° 13' 56" E, 185.35 FEET FROM AN I - BOLT FOUND IN A LEDGE OUTCROP;
THENCE, S 41° 27' 31" E, ALONG SAID SHORE ROAD, 124.03 FEET TO A POINT;
THENCE, S 25° 14' 32" E, ALONG SAID SHORE ROAD, 493.26 FEET TO A POINT;
THENCE, S 26° 05' 38" E, ALONG SAID SHORE ROAD, 393.16 FEET TO A POINT MARKING THE NORTHEASTERLY CORNER OF LAND NOW OR FORMERLY FRED BUCKLIN AS DESCRIBED IN BOOK 2279, PAGE 32;
THENCE, S 64° 32' 10" W, ALONG LAND OF SAID BUCKLIN, 3268.68 FEET TO AN IRON PIPE FOUND MARKING THE SOUTHEASTERLY CORNER OF LAND NOW OR FORMERLY DAVID WILBUR AS DESCRIBED IN BOOK 3140, PAGE 140;
THENCE, N 25° 27' 50" W, ALONG LAND OF SAID WILBUR, 932.06 FEET TO A POINT MARKING THE SOUTHWESTERLY CORNER OF LAND NOW OR FORMERLY RUTH DOUGHERTY AS DESCRIBED IN BOOK 4435, PAGE 271;
THENCE, N 63° 13' 56" E, ALONG LAND OF SAID DOUGHERTY AND CARROLL, 3232.93 FEET TO THE POINT OF BEGINNING.

MEANING AND INTENDING TO DESCRIBE ALL OF THE SAME PREMISES AS CONVEYED TO THE UNITED STATES OF AMERICA BY CHARLES E. BARSTOW, SR. AND ELEANOR A. BARSTOW IN BOOK 4495, PAGE 295. BEARINGS ARE BASED ON MAINE STATE GRID COORDINATE SYSTEM NAD83 (2011) EAST ZONE. THE ABOVE DESCRIBED PARCEL CONTAINS 72.62 ACRES, MORE OR LESS. FOR FURTHER REFERENCE, SEE PLAN TITLED "ALTA / NSPS LAND TITLE PLAN (SITE DEVELOPMENT EVALUATION EASTPORT, MAINE), 576 SHORE ROAD, PERRY, WASHINGTON COUNTY, MAINE" AND MADE FOR THE FOR UNITED STATES COAST GUARD CIVIL ENGINEERING UNIT DATED JUNE 26, 2019 BY WOOD ENVIRONMENTAL AND INFRASTRUCTURE OF PORTLAND, MAINE.

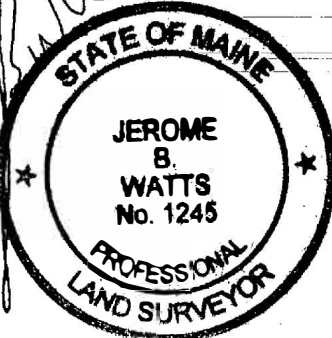
NOTE:

1. SEE SHEET G-001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.

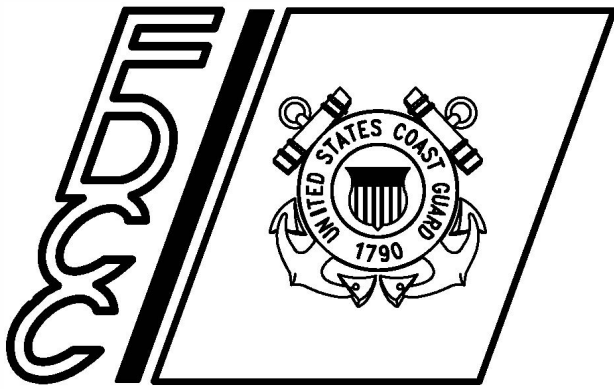
AMEC Foster Wheeler HDR.
JOINT VENTURE

CONSULTANTS

FINAL SUBMITTAL
8/09/2019



FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
B	8/09/19	FINAL SUBMISSION
A	7/12/19	DRAFT SUBMISSION
MARK	DATE	DESCRIPTION

A/E PROJECT NO: 335000007
CAD FILE NAME: 6841069C104.DWG
DESIGNED BY: GL
DRAWN BY: WJW
EDITED BY:
CHECKED BY: JBW

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

SITE DEVELOPMENT EVALUATION
EASTPORT, MAINE
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
SURVEY
EXISTING CONDITIONS-2

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR

APPROVING OFFICER DATE

PROJECT NUMBER DRAWING NUMBER
01-6841069 6841069C102

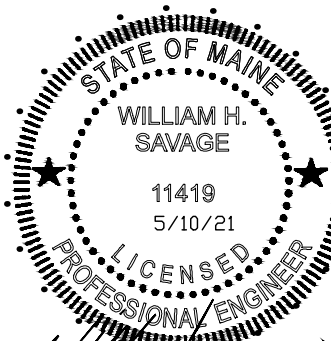
DISCIPLINE/SHT NO SHEET 06 OF 112
C102

- GENERAL NOTES:
1. EXISTING ASPHALT TO BE REMOVED SHALL BE STRIPPED AND PROPERLY DISPOSED OF OFFSITE.
 2. ALL DISPOSAL OF DEMOLITION DEBRIS OR WASTE SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, & FEDERAL REGULATIONS. CONTRACTOR SHALL PROVIDE OWNER WITH APPROPRIATE "BILLS OF LADING" TO DEMONSTRATE PROPER DISPOSAL OF ALL MATERIALS.
 3. SITE DEMOLITION SHALL NOT OCCUR UNTIL PROPER ABATEMENT PROCEDURES HAVE OCCURRED. ABATEMENT, IF NECESSARY, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 4. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND DIG SAFE AT LEAST 72 HOURS PRIOR TO EXCAVATION TO REQUEST EXACT FIELD LOCATION FOR UTILITIES. OTHERWISE IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF UNDERGROUND UTILITIES AND LOCATE POTENTIAL CONFLICT WITH THE APPROVED PLANS PRIOR TO CONSTRUCTION.
 5. ALL CONSTRUCTION SIGNAGE IS TEMPORARY AND WILL BE REMOVED AT PROJECT COMPLETION. FINAL SIGNAGE WORDING AND PLACEMENT LOCATION TO BE ACCEPTED BY THE TOWN.
 6. SEDIMENT BARRIERS TO BE PLACED DIRECTLY ON THE FRONT AND SIDE PROPERTY LINES, DOWN GRADIENT OF THE PROPOSED PROJECT WORK PER DETAIL; FENCES ARE OFFSET OF THE PROPERTY LINES AS SHOWN ON THE PLAN FOR CLARITY PURPOSES AND DO NOT NECESSARILY DEPICT THE PHYSICAL LOCATION.
 7. DEMOLITION PLAN IS NOT INCLUSIVE OF ALL EXISTING ITEMS TO BE REMOVED AS PART OF SITE CONSTRUCTION INCLUDING BUT NOT LIMITED TO LANDSCAPING, UTILITIES, WORK WITHIN THE ROW, ETC. ALL DEMOLITION WORK SHALL BE IN ACCORDANCE WITH RFP SPECIFICATION SECTION 01800, PARAGRAPH 1.9.
 8. CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW REMOVAL.

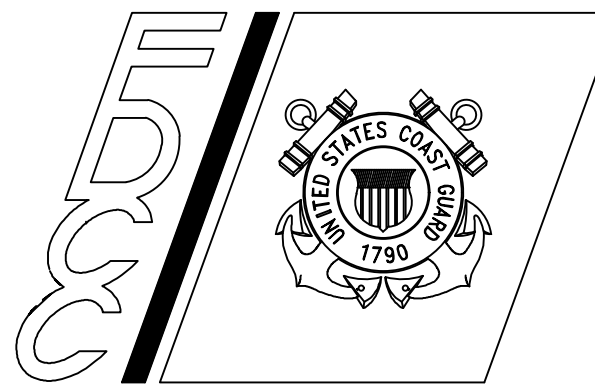
ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
	5/10/21	CORRECTED FINAL
	4/30/21	STORMWATER SUBMISSION
	4/7/21	100% SUBMISSION
	12/21/20	65%/PRELIMINARY SUBMITTAL
MARK	DATE	DESCRIPTION

A/E PROJECT NO: 1146
CAD FILE NAME: 6841069G001.DWG
DESIGNED BY: SJL
DRAWN BY: KRB
EDITED BY: KRB
CHECKED BY: WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL

CONSTRUCTION MGMT PLAN

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR

APPROVING OFFICER DATE

PROJECT NUMBER	DRAWING NUMBER
6841069	6841069C103
DISCIPLINE/SHT NO	
C103	SHEET 7 OF 112

SPACE AND BULK STANDARDS		
LIMITED RESIDENTIAL ZONE AND SHORELAND ZONE	REQUIRED	PROPOSED
MINIMUM LOT SIZE	40,000	> 40,000
FRONT SETBACK	25'	> 25'
REAR SETBACK	15'	> 15'
SIDE SETBACK	15'	> 15'
STREET FRONTAGE	150'	> 150'
TOTAL PARCEL SIZE IS 72.62 AC		

CENTERLINE CURVE TABLE				
CURVE	LENGTH	RADIUS	CRD. BEARING	CRD. DISTANCE
CLC1	128.49'	250.00'	S 79°35'44" W	127.08'
CLC2	213.24'	250.00'	S 69°53'01" W	206.83'
CLC3	68.97'	250.00'	S 53°21'07" W	68.75'

CENTERLINE TABLE		
LINE	DIRECTION	DISTANCE
CLL1	S 64°52'20" W	24.21'
CLL2	S 64°52'20" W	65.31'
CLL3	N 85°40'51" W	171.15'
CLL4	S 45°26'54" W	120.67'
CLL5	S 61°15'30" W	24.72'

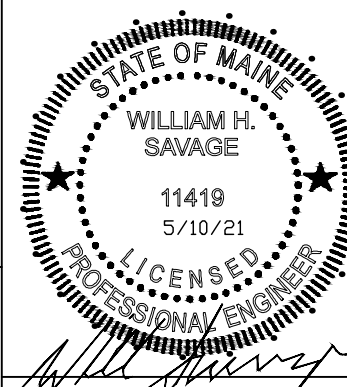
- GENERAL NOTES:
1. ALL RAMP TO CONFORM TO ADA GUIDELINES. SLOPE SHALL NOT EXCEED 1 INCH PER FOOT.
 2. ALL SITE SIGNAGE TO COMPLY WITH MUTCD STANDARDS. CONTRACTOR TO COORDINATE AND INSTALL.
 3. FOLLOWING COMPLETION OF CONSTRUCTION, THE OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND MANAGEMENT OF DRIVEWAYS, SITE LIGHTING, TRASH REMOVAL AND SNOW REMOVAL.
 4. FINAL PLAN SUBJECT TO STORMWATER LAW AND/OR PERMIT-BY-RULE WITH THE MAINE DEP.
 5. REFER TO SUBDIVISION PLAT, DEVELOPED BY ROBERT COSTA, PLS FOR PROPOSED PROPERTY BOUNDARIES AND ANY EASEMENTS.

N/F SUSAN D. CARROLL
& BRIAN M. DUFFY
TAX MAP 13, LOT 7
BOOK 2487, PAGE 167

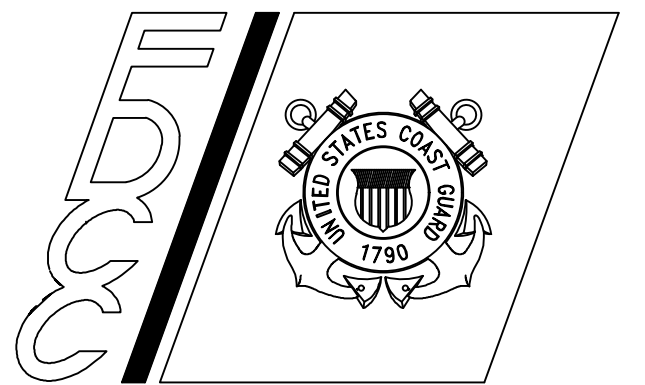
ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
5/10/21	CORRECTED FINAL	
4/30/21	STORMWATER SUBMISSION	
4/7/21	100% SUBMISSION	
12/21/20	65%/PRELIMINARY SUBMITTAL	
MARK	DATE	DESCRIPTION

A/E PROJECT NO: 1146
CAD FILE NAME: 6841069G001.DWG
DESIGNED BY: SJL
DRAWN BY: KRB
EDITED BY: KRB
CHECKED BY: WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
SITE PLAN

REVIEWED BY: REVIEWED BY: REVIEWED BY:
PROJECT ENG. BRANCH CHIEF TECH. DIRECTOR

APPROVING OFFICER DATE

PROJECT NUMBER DRAWING NUMBER

6841069 6841069C104

DISCIPLINE/SHT NO

C104 SHEET 8 OF 112

NOT ISSUED FOR
CONSTRUCTION

N/F FRED BUCKLIN
TAX MAP 10, LOT 59
BOOK 2279, PAGE 32

60 0 60 120

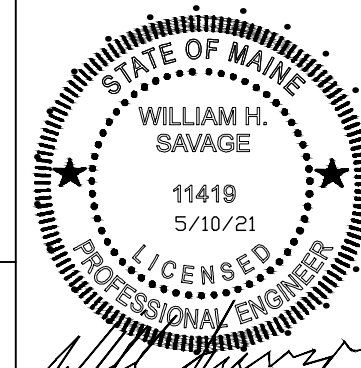
SCALE: 1"=60'

- GENERAL NOTES:
1. LOCATION OF PROPOSED CONNECTIONS ARE APPROXIMATE. CONTRACTOR TO CONTACT ENGINEER IF FIELD INFORMATION VARIES FROM INFORMATION ON PLANS.
 2. CONTRACTOR IS TO BE CAUTIONED THAT CERTAIN LOCATIONS AND/OR ELEVATIONS OF EXISTING UTILITIES HAVE BEEN PROVIDED THROUGH UTILITY COORDINATION OR OTHER OBSERVATIONS. INFORMATION IS NOT TO BE RELIED UPON AS EXACT OR COMPLETE. CONTRACTOR TO FIELD VERIFY AND COORDINATE WITH UTILITY COMPANY AND DIG SAFE NO LESS THAN 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF ALL UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS INDICATED IN THE CONTRACT DOCUMENTS. CONTRACTOR TO NOTIFY ENGINEER OF ANY DIFFERENTIATIONS FROM EXISTING CONDITIONS, INCLUDING UTILITY INFORMATION, PRIOR TO ANY CHANGES.
 3. FOR ALL UTILITIES, ACORN ENGINEERING DESIGN LIMITS END AT EXTERIOR WALL OF BUILDING. METERING OF UTILITIES TO BE COMPLETED BY M.E.P. UNLESS SPECIFIED OTHERWISE.
 4. CONTRACTOR TO COORDINATE WITH ARCHITECT ON FINAL UTILITY CONNECTIONS WITHIN THE BUILDING.
 5. SEWER UTILITIES: CONTRACTOR TO COORDINATE WITH ARCHITECT FOR FINAL SERVICE CONNECTION. REFER TO HHE-200 FORMS FROM SEPTIC DESIGNER FOR ADDITIONAL INFORMATION.
 6. WATER UTILITIES: FINAL PIPE SIZING PROVIDED BY M.E.P. ENGINEER, WELL DRILLER, AND FIRE PROTECTION DESIGNER. INTERNAL METERING, BACKFLOW PREVENTION, AND PRESSURE REDUCERS TO BE COMPLETED BY M.E.P. ENGINEER.
 7. ELECTRIC UTILITIES: ELECTRIC DESIGN TO BE FINALIZED BY M.E.P. ENGINEER. ELECTRICAL LOAD TO BE DETERMINED BY M.E.P. ENGINEER. METER LOCATION AND TRANSFORMER SIZE, IF NECESSARY, DEFINED BY M.E.P. M.E.P. TO FINALIZE SERVICE CONNECTION TO BUILDING. ALL ELECTRIC CONSTRUCTION SHALL CONFORM TO VERSANT STANDARDS. DESIGN SUBJECT TO FINAL APPROVAL FROM VERSANT.
 8. CABLE AND TELEPHONE PULLBOXES AND PEDESTAL LOCATIONS TO BE DETERMINED BY M.E.P. CONTRACTOR TO COORDINATE INSTALLATION OF UNDERGROUND UTILITIES WITH ALL UTILITY COMPANIES INVOLVED.
 9. WELL DEPTH AND PUMPING REQUIREMENTS TO BE DETERMINED IN FIELD BY DRILLER AND MECHANICAL ENGINEER.

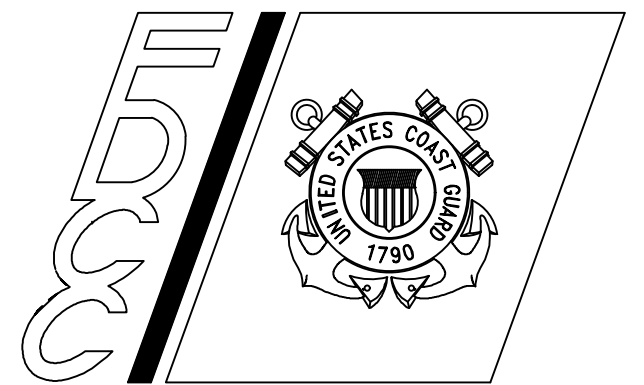
ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
	5/10/21	CORRECTED FINAL
	4/30/21	STORMWATER SUBMISSION
	4/7/21	100% SUBMISSION
	12/21/20	65%/PRELIMINARY SUBMITTAL
MARK	DATE	DESCRIPTION

A/E PROJECT NO: 1146
CAD FILE NAME: 6841069G001.DWG
DESIGNED BY: SJL
DRAWN BY: KRB
EDITED BY: KRB
CHECKED BY: WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

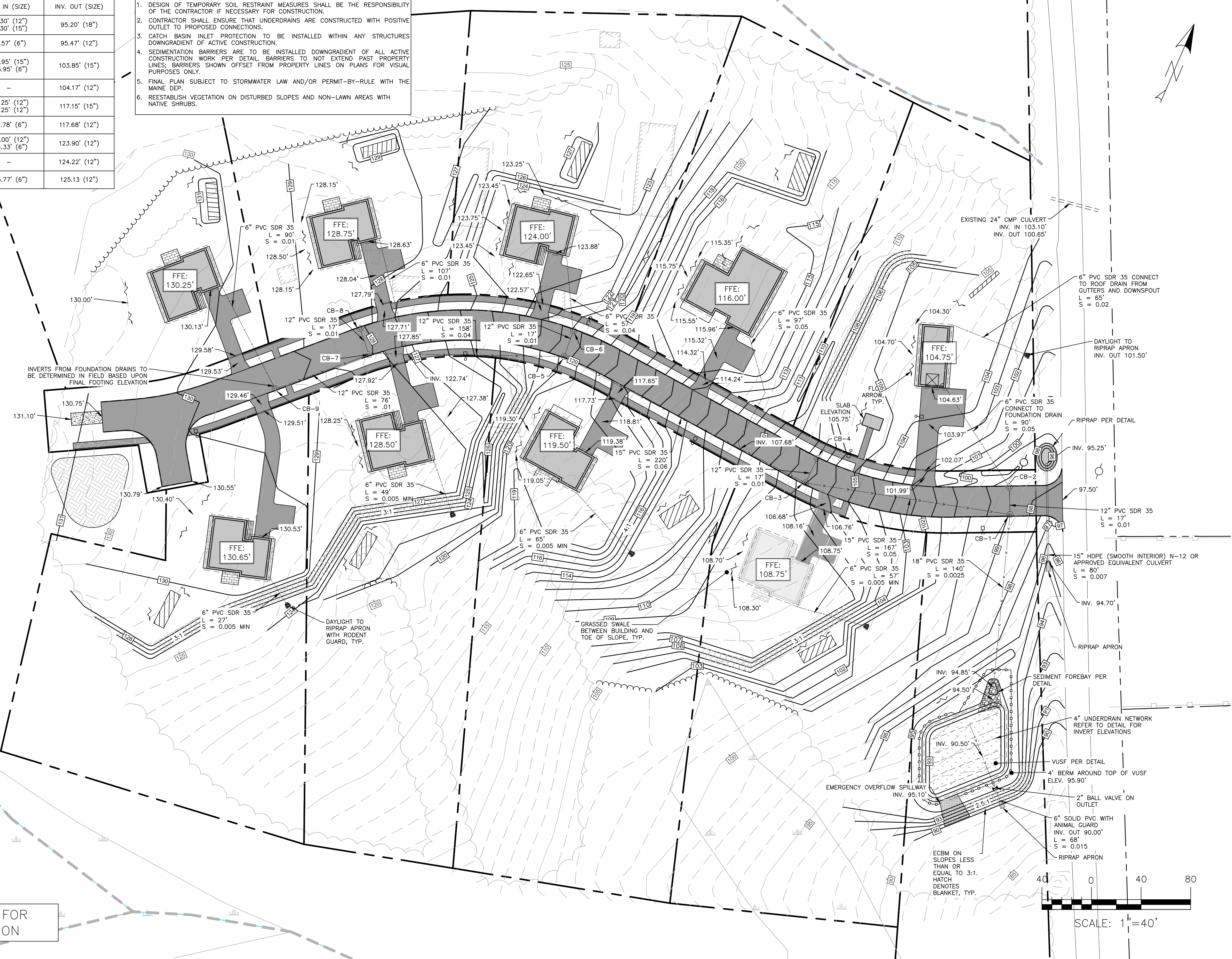
STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
UTILITY PLAN

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR

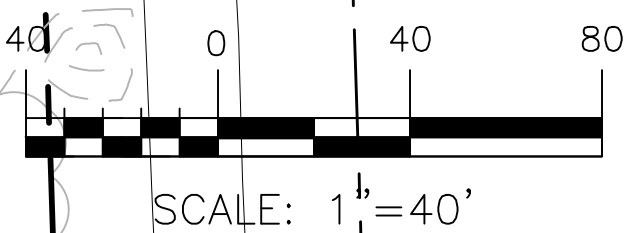
APPROVING OFFICER		DATE
PROJECT NUMBER		DRAWING NUMBER
6841069		6841069C105
DISCIPLINE/SHT NO		
C105		SHEET 9 OF 112

PROPOSED STRUCTURE TABLE				
NAME	DIA	RIM	INV. IN (SIZE)	INV. OUT (SIZE)
CB-1	48"	98.50'	95.30' (12") 95.30' (15")	95.20' (18")
CB-2	48"	98.68'	95.57' (6")	95.47' (12")
CB-3	48"	107.00'	103.95' (15") 103.95' (6")	103.85' (15")
CB-4	48"	107.00'	-	104.17' (12")
CB-5	48"	120.27'	117.25' (12") 117.25' (12")	117.15' (15")
CB-6	48"	120.27'	117.78' (6")	117.68' (12")
CB-7	48"	128.10'	124.00' (12") 124.33' (6")	123.90' (12")
CB-8	48"	128.10'	-	124.22' (12")
CB-9	48"	129.25'	125.77' (6")	125.13' (12")

- GENERAL NOTES:
1. DESIGN OF TEMPORARY SOIL RESTRAINT MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR IF NECESSARY FOR CONSTRUCTION.
 2. CONTRACTOR SHALL ENSURE THAT UNDERDRAINS ARE CONSTRUCTED WITH POSITIVE OUTLET TO PROPOSED CONNECTIONS.
 3. CATCH BASIN INLET PROTECTION TO BE INSTALLED WITHIN ANY STRUCTURES DOWNGRADIENT OF ACTIVE CONSTRUCTION.
 4. SEDIMENTATION BARRIERS ARE TO BE INSTALLED DOWNGRADIENT OF ALL ACTIVE CONSTRUCTION WORK PER DETAIL. BARRIERS TO NOT EXTEND PAST PROPERTY LINES; BARRIERS SHOWN OFFSET FROM PROPERTY LINES ON PLANS FOR VISUAL PURPOSES ONLY.
 5. FINAL PLAN SUBJECT TO STORMWATER LAW AND/OR PERMIT-BY-RULE WITH THE MAINE DEP.
 6. REESTABLISH VEGETATION ON DISTURBED SLOPES AND NON-LAWN AREAS WITH NATIVE SHRUBS.



NOT ISSUED FOR
CONSTRUCTION



ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021

U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER

5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
	5/10/21	CORRECTED FINAL
	4/30/21	STORMWATER SUBMITTAL
	4/7/21	100% SUBMITTAL
	12/21/20	65%/PRELIMINARY SUBMITTAL
MARK	DATE	DESCRIPTION

A/E PROJECT NO: 1146
CAD FILE NAME: 6841069G001.DWG
DESIGNED BY: SJL
DRAWN BY: KRB
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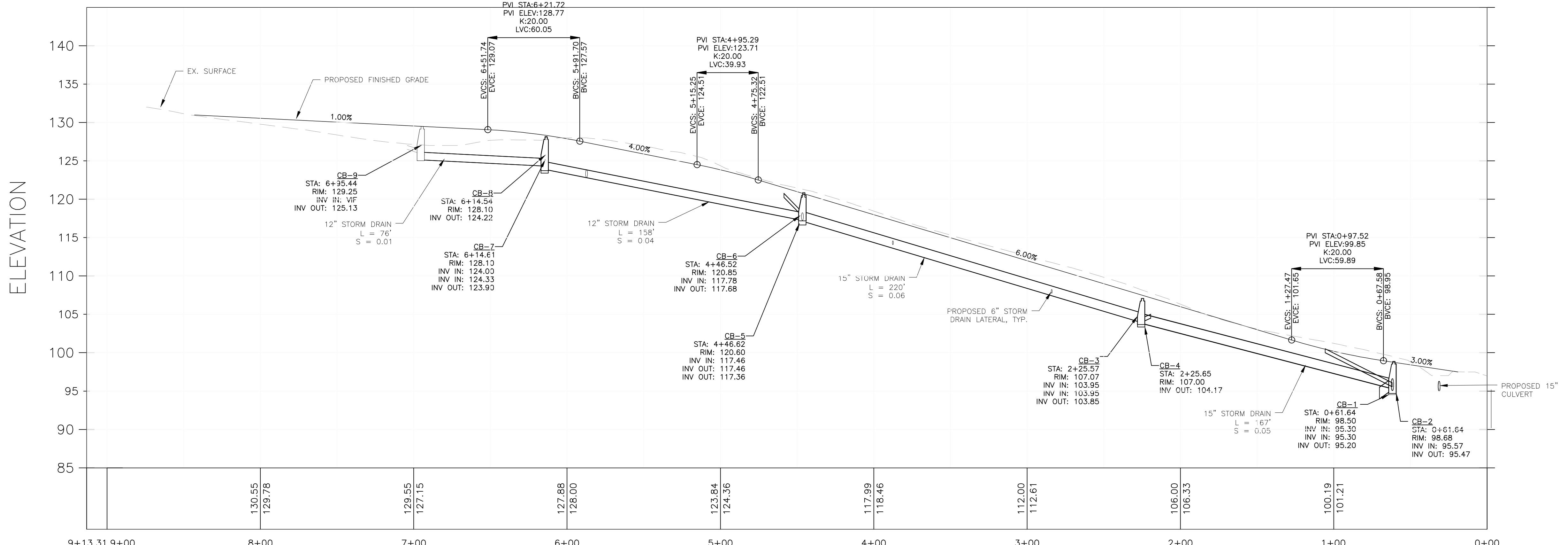
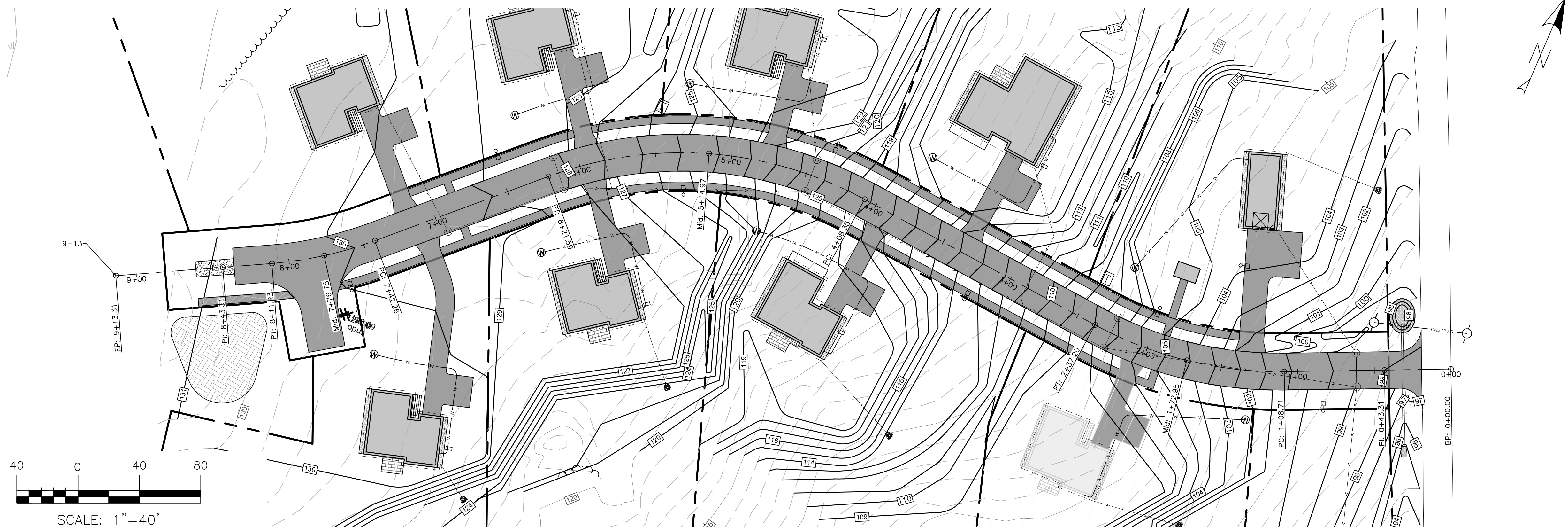
SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
GRADING/DRAINAGE PLAN

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR

APPROVING OFFICER	DATE
PROJECT NUMBER	DRAWING NUMBER
6841069	6841069C106
DISCIPLINE/SHT NO	
C106	SHEET 10 OF 112



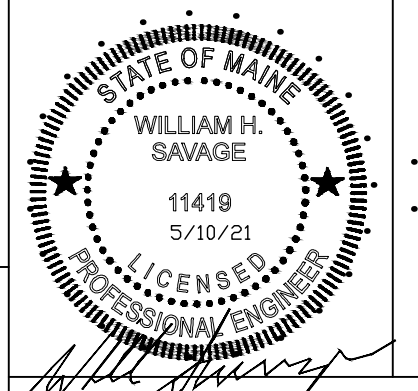
NOT ISSUED FOR
CONSTRUCTION

ROADWAY PROFILE
HORIZONTAL SCALE 1"=40'
VERTICAL SCALE 1"=8'

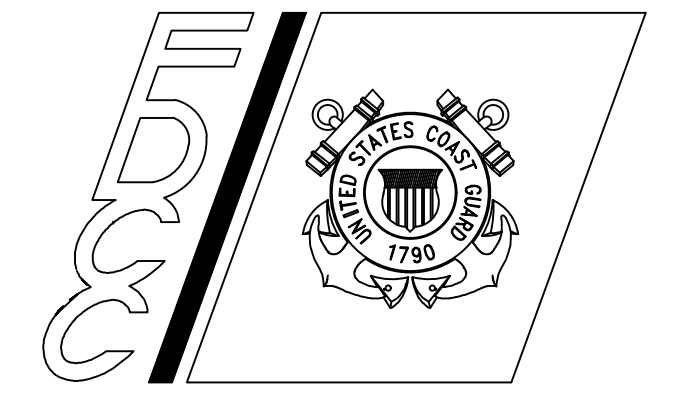
ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
MARK	DATE	DESCRIPTION
	5/10/21	CORRECTED FINAL
	4/30/21	STORMWATER SUBMISSION
	4/7/2021	100% SUBMITTAL
	12/21/20	65%/PRELIMINARY SUBMITTAL

A/E PROJECT NO: 1146		
CAD FILE NAME: 6841069G001.DWG		
DESIGNED BY: SJL		
DRAWN BY: KRB		
EDITED BY: KRB		
CHECKED BY: WHS		

SCALE: AS SHOWN PLOT SCALE: 1 : 1

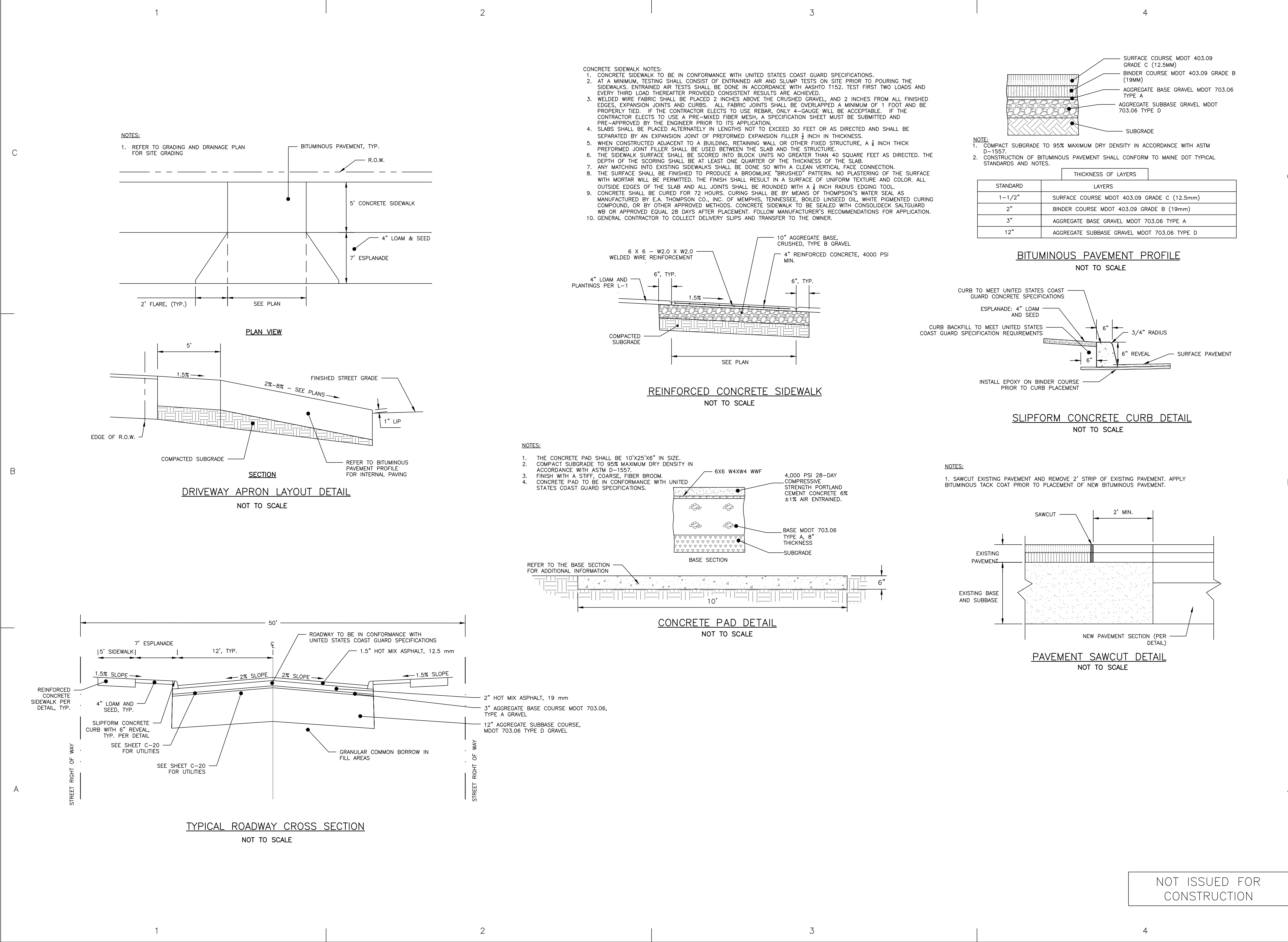
SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
ROAD PROFILE

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR

APPROVING OFFICER	DATE
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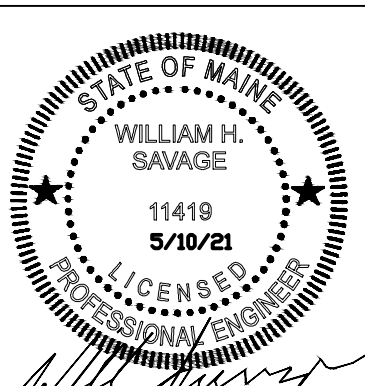
PROJECT NUMBER	DRAWING NUMBER
6841069	6841069C301
DISCIPLINE/SHR NO	
C301	SHEET 11 OF 112



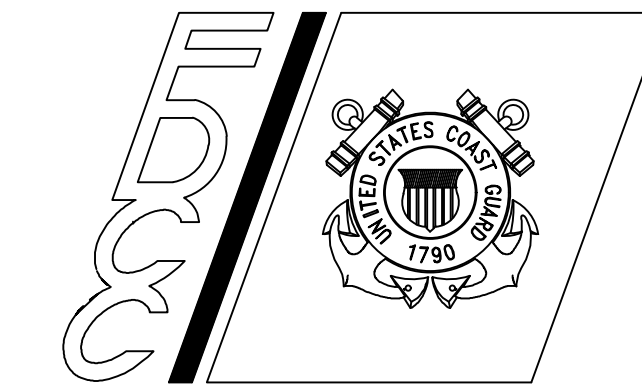
ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

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	4/7/21	100% SUBMISSION
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MARK	DATE	DESCRIPTION

A/E PROJECT NO: 1146
CAD FILE NAME: 6841069G001.DWG
DESIGNED BY: SJL
DRAWN BY: KRB
EDITED BY: NPH
CHECKED BY: WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

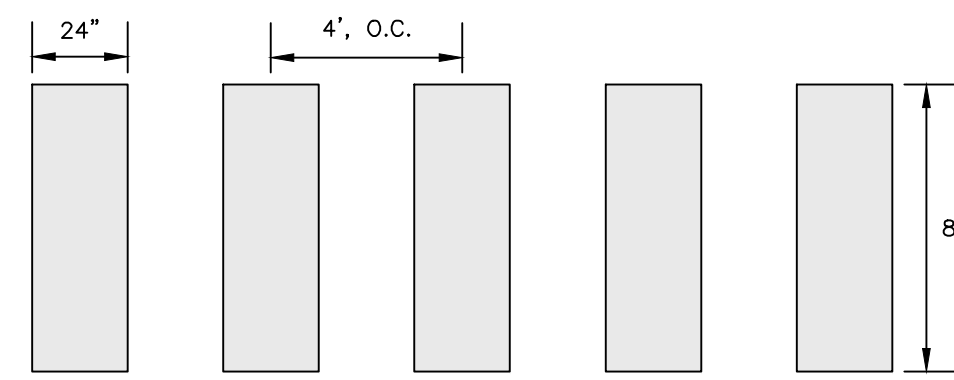
STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL

SITE DETAILS - 1

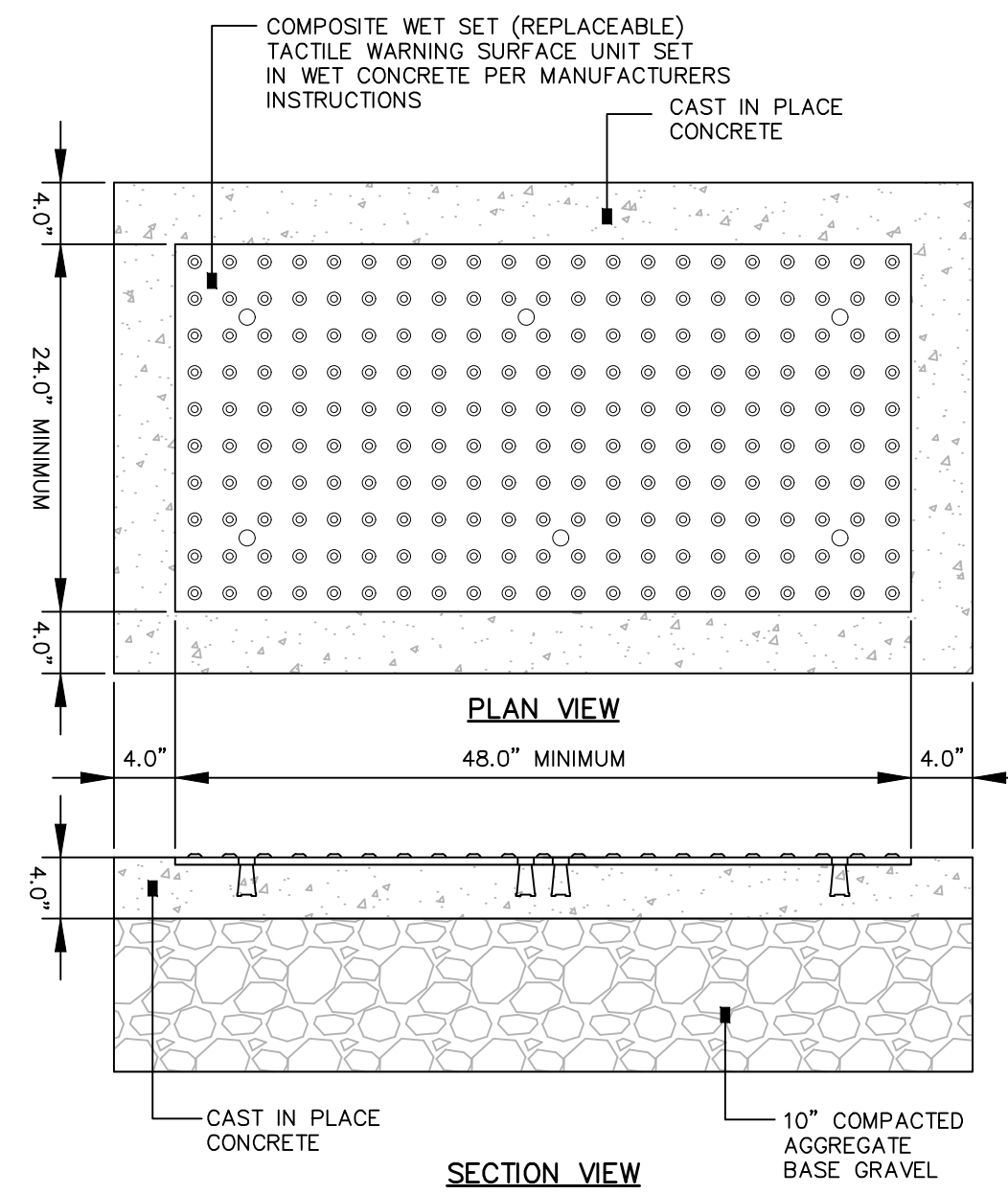
REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR

APPROVING OFFICER	DATE
PROJECT NUMBER	DRAWING NUMBER
6841069	6841069C501
DISCIPLINE/SHT NO	
C501	SHEET 12 OF 112

1. CROSSWALKS TO BE BUILT IN CONFORMANCE WITH MUTCD STANDARDS, LATEST EDITION.
2. CROSSWALKS ARE TO BE PAINTED WHITE MEETING MAINE DOT SPECIFICATIONS.
3. BLOCKS TO BE PARALLEL TO THE DIRECTION OF CAR TRAFFIC.



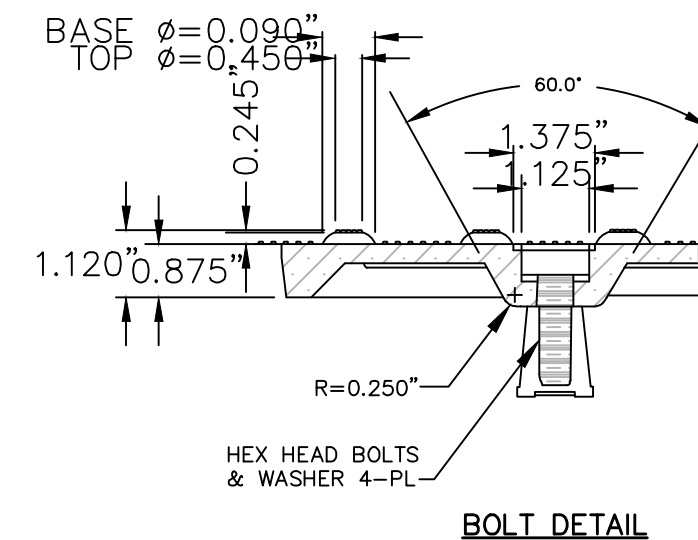
BLOCK CROSSWALK
NOT TO SCALE



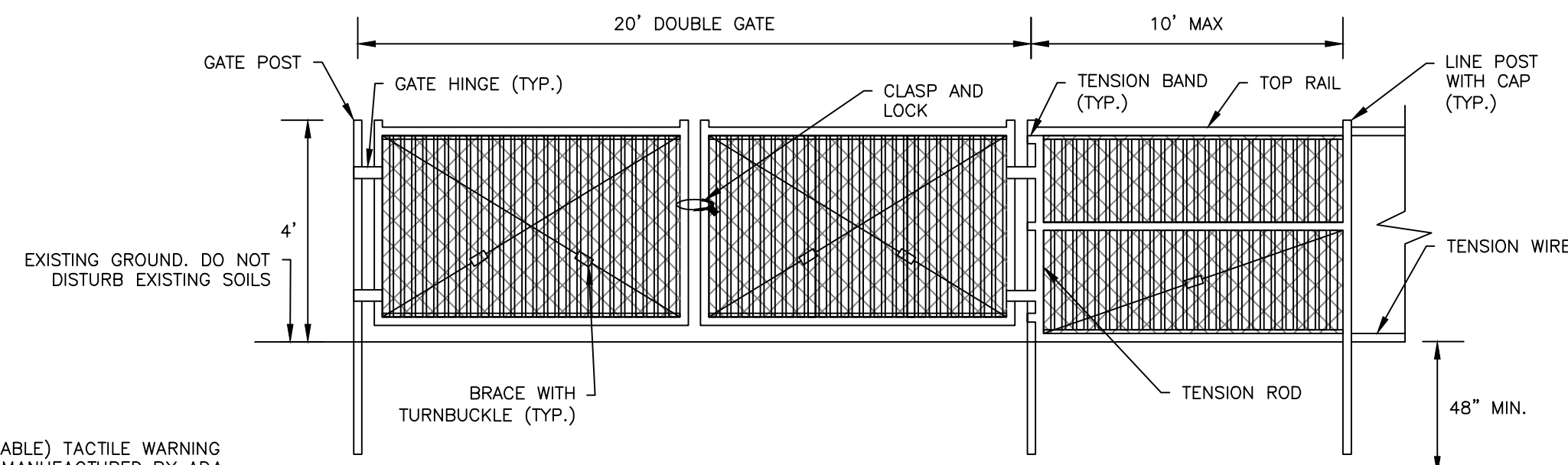
SIDEWALK RAMP DETECTABLE WARNING TILE
NOT TO SCALE

NOTES:

1. COMPOSITE WET SET (REPLACEABLE) TACTILE WARNING SURFACE UNITS SHALL BE AS MANUFACTURED BY ADA SOLUTIONS, INC. (WWW.ADATILE.COM), OR APPROVED EQUAL.
2. CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MOIST CURE A STRUCTURAL CONCRETE. MINIMUM COMPRESSIVE STRENGTH SHALL BE 4000 PSI. ALL CONCRETE CANNOT GUARD SPECIFICATIONS, THE CONCRETE SHALL BE SEALED PRIOR TO SETTING PANELS. THE EXPOSED CONCRETE BORDER SHALL RECEIVE A GROOVED EDGE BETWEEN THE TILES AND CONCRETE. ALONG WITH A UNIFORM 8" BROOM FINISH PERPENDICULAR TO THE FLOW OF PEDESTRIAN TRAFFIC.
3. TRUNCATED DOMES SHALL BE ALIGNED IN ROWS, PARALLEL AND PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAFFIC. TRUNCATED DOME BRICKS AND GRANITE PAVES ARE NOT ALLOWED.
4. FOR ALL SIDEWALK RAMPS, FEDERAL YELLOW COLORED (#335358) TILES SHALL BE USED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.



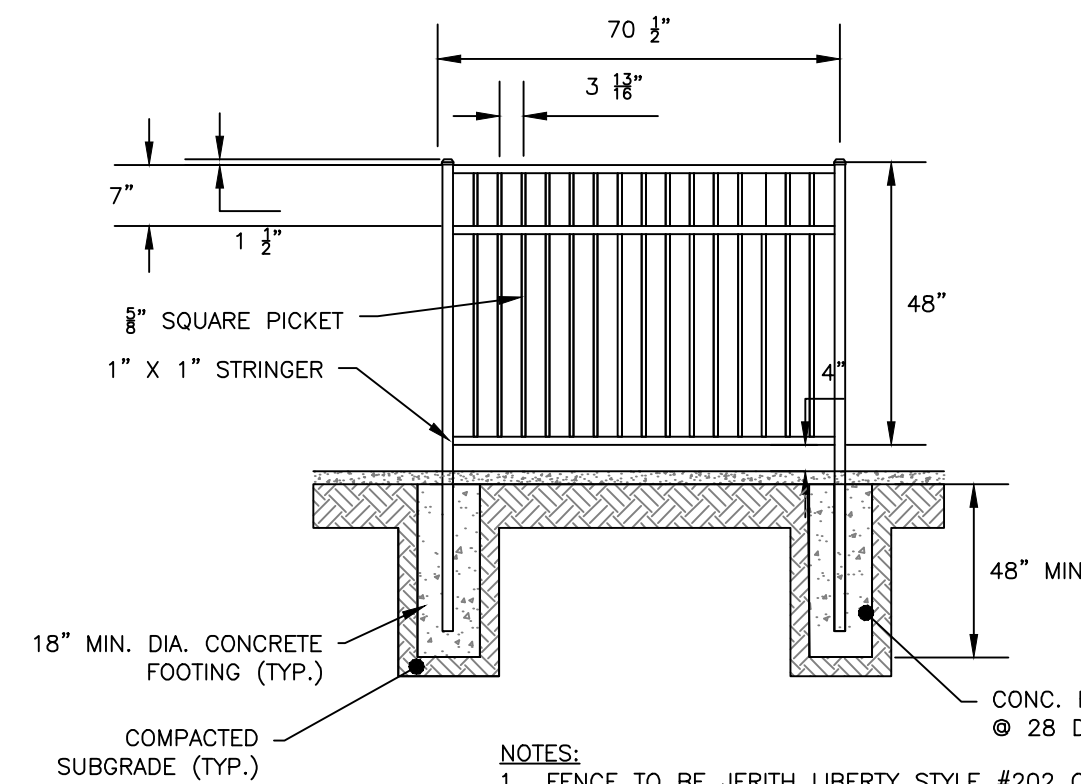
BOLT DETAIL



NOTES:

1. ALL FENCING AND HARDWARE TO BE LIST MATERIAL.
2. INSTALL ALL FENCING AND HARDWARE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

4' TALL GALVANIZED CHAINLINK FENCE
NOT TO SCALE



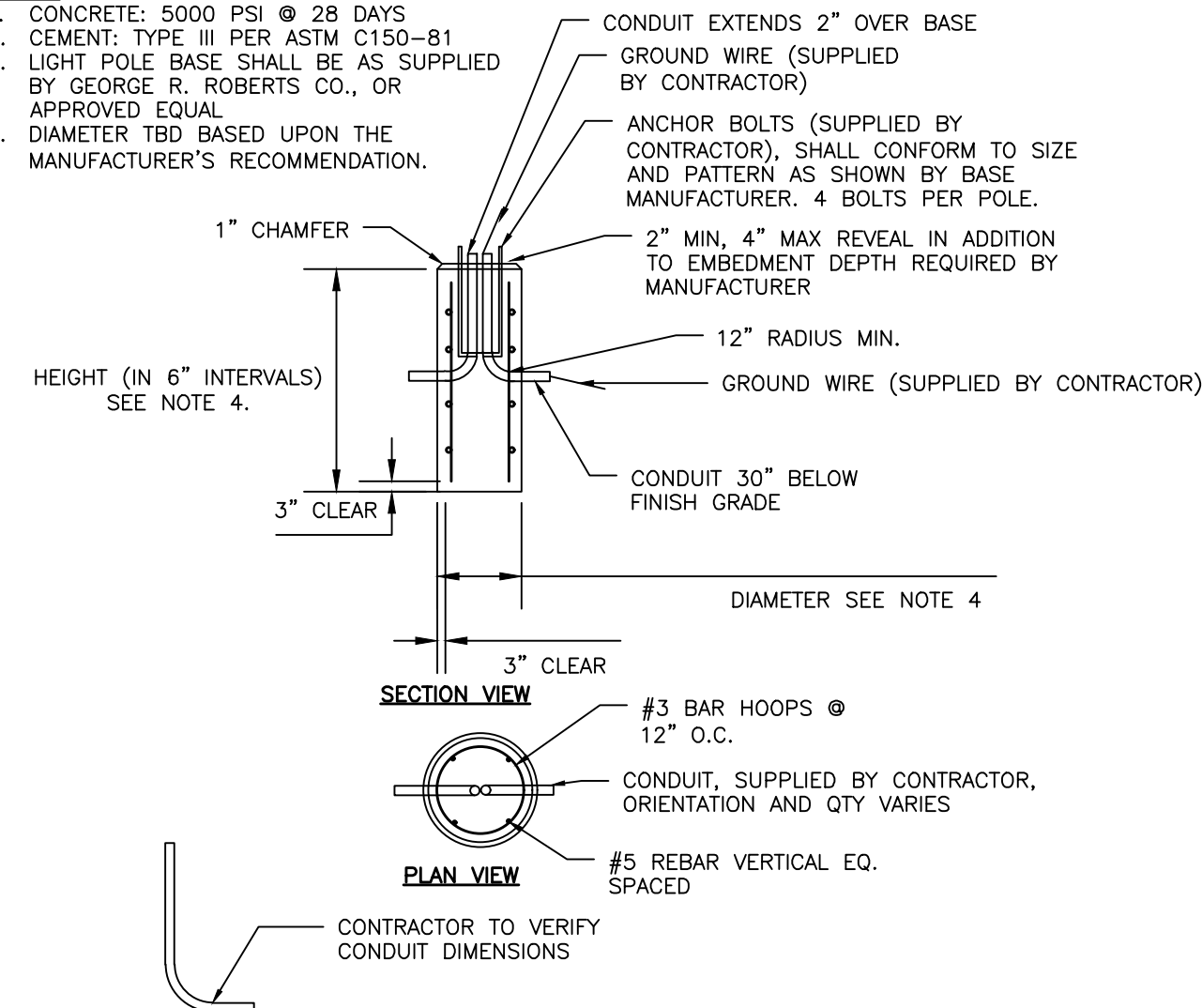
NOTES:

1. FENCE TO BE JERITH LIBERTY STYLE #202 OR APPROVED EQUIVALENT

DECORATIVE FENCE
NOT TO SCALE

NOTES:

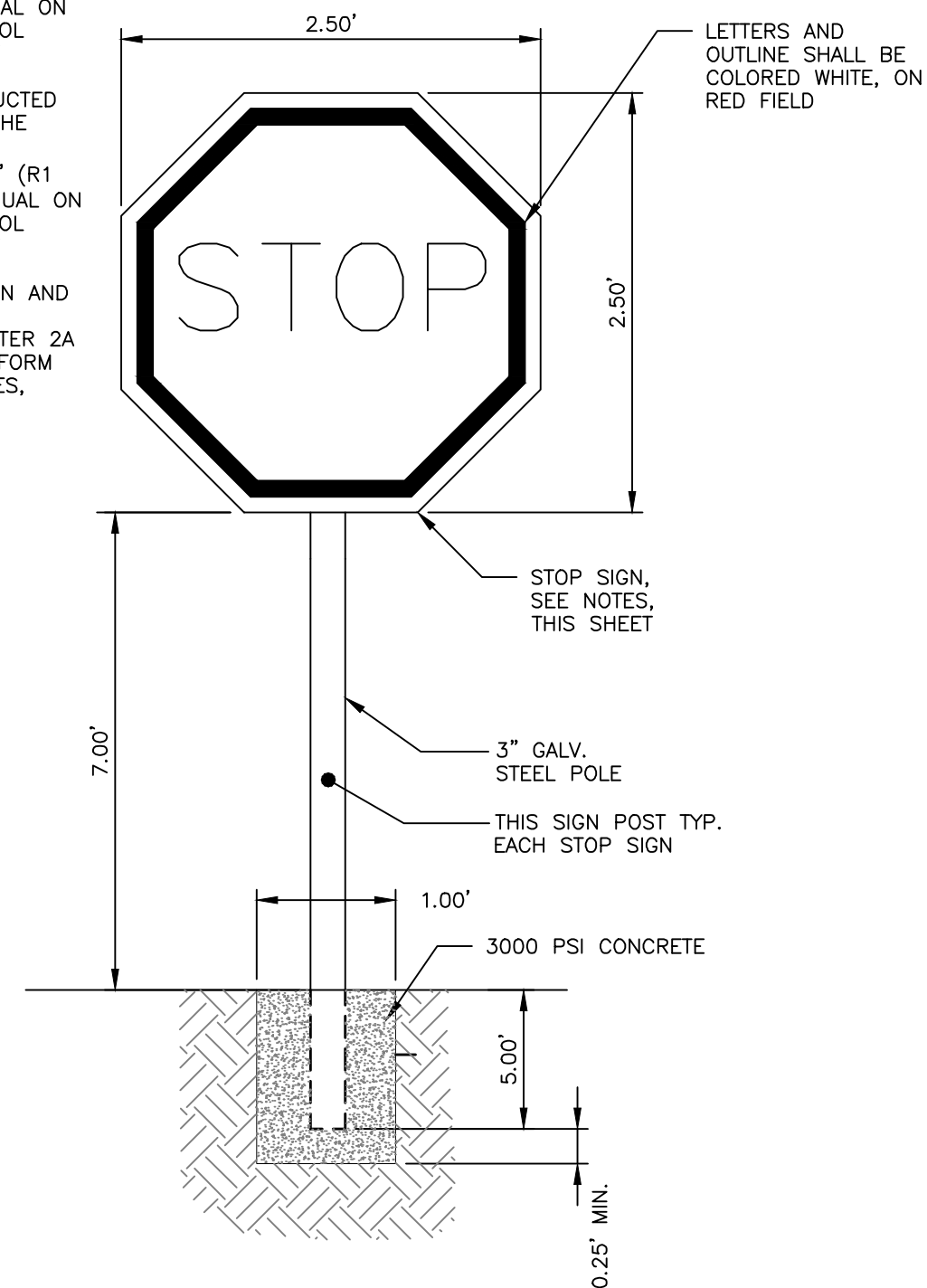
1. CONCRETE: 5000 PSI @ 28 DAYS
2. CEMENT: TYPE III PER ASTM C150-81
3. LIGHT POLYMER BASE SHALL BE AS SUPPLIED BY GEORGE R. ROBERTS CO., OR APPROVED EQUAL
4. DIAMETER TBD BASED UPON THE MANUFACTURER'S RECOMMENDATION.



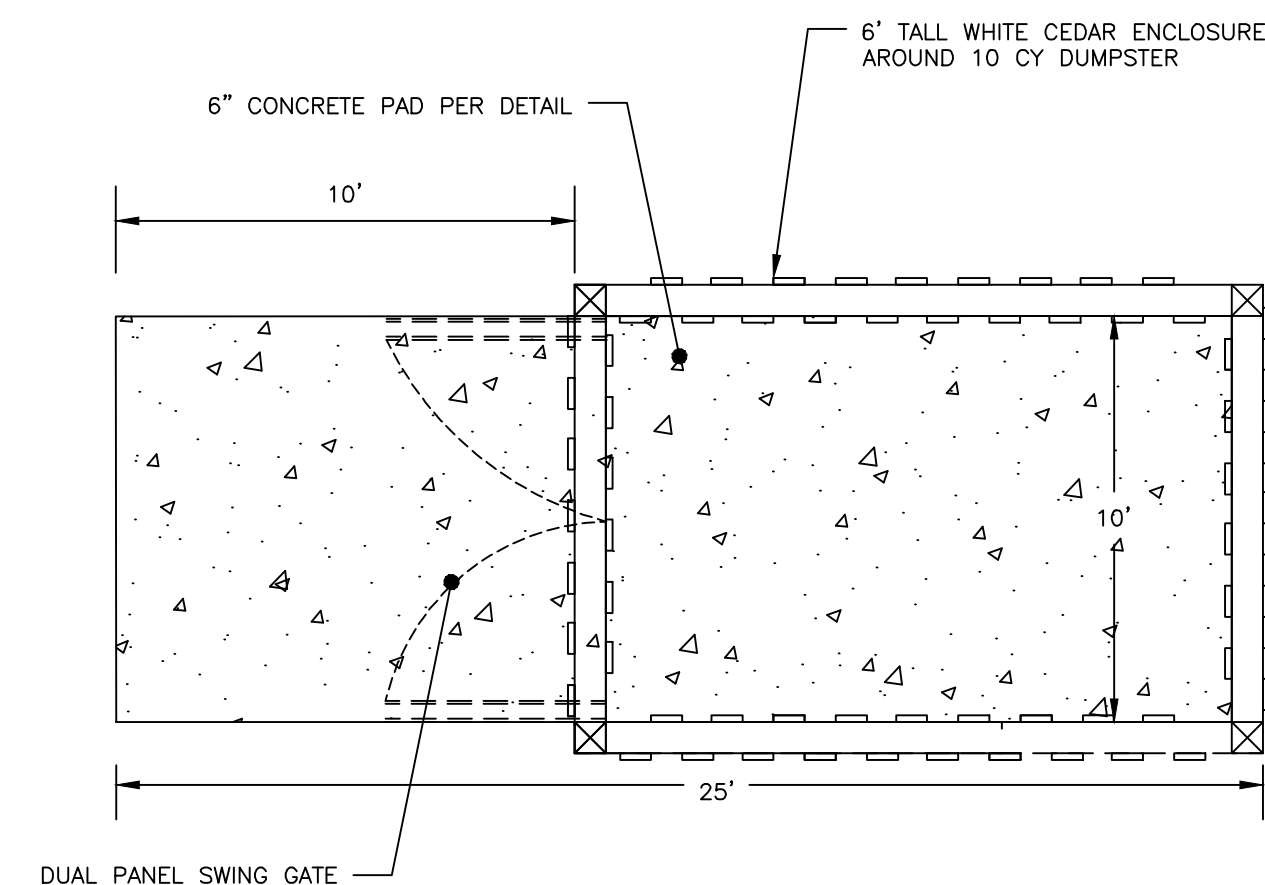
LIGHT POLE BASE
NOT TO SCALE

NOTES:

1. ALL ASPECTS OF STOP SIGN CONSTRUCTION SHALL BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 OR MOST RECENT EDITION.
2. SIGN SHALL BE CONSTRUCTED AS SIGN R1-1 UNDER THE "REGULATORY SIGNS, BARRICADES, AND GATES" (R1 SERIES) WITHIN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 OR MOST RECENT EDITION.
3. SIGN POST CONSTRUCTION AND MOUNTING SHALL BE IN ACCORDANCE WITH CHAPTER 2A OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 OR MOST RECENT EDITION.



STOP SIGN DETAIL
NOT TO SCALE



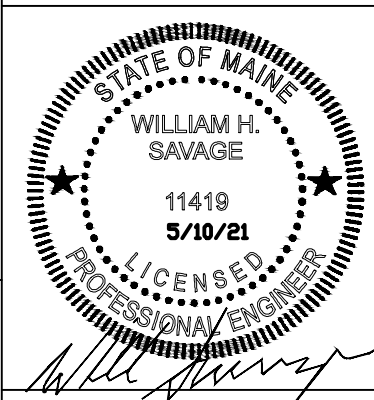
SOLID WASTE ENCLOSURE
NOT TO SCALE

NOT ISSUED FOR
CONSTRUCTION

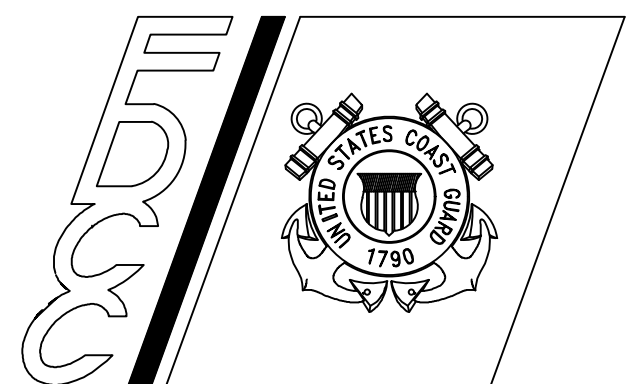
ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
	5/10/21	CORRECTED FINAL
	4/30/21	STORMWATER SUBMISSION
	4/7/21	100% SUBMISSION
	12/21/20	65%/PRELIMINARY SUBMITTAL
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	1146
CAD FILE NAME:	6841069G001.DWG
DESIGNED BY:	SJL
DRAWN BY:	KRB
EDITED BY:	NPH
CHECKED BY:	WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL

SITE DETAILS - 2

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR

APPROVING OFFICER

DATE _____

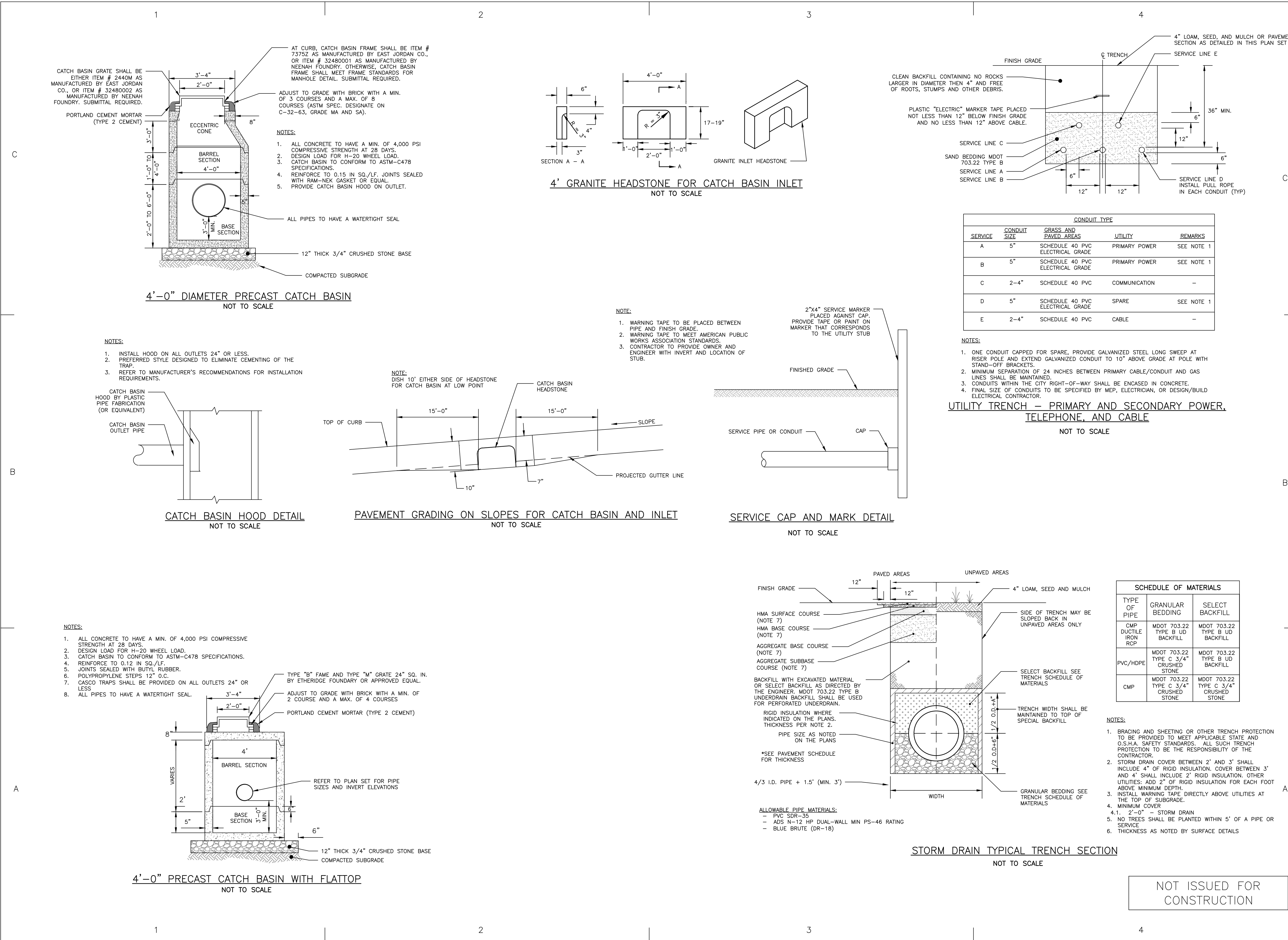
PROJECT NUMBER	DRAWING NUMBER
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6841060

6841069C502

	DISCIPLINE/SHT NO
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SHEET 13 OF 112



ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

STATE OF MAINE
WILLIAM H. SAVAGE
11419
5/10/21
LICENSED PROFESSIONAL ENGINEER

U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER

5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE

	5/10/21	CORRECTED FINAL
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	4/7/21	100% SUBMISSION
	12/21/20	65%/PRELIMINARY SUBMITTAL
MARK	DATE	DESCRIPTION

A/E PROJECT NO: 1146
CAD FILE NAME: 6841069G001.DWG
DESIGNED BY: S.J.L
DRAWN BY: KRB
EDITED BY: NPH
CHECKED BY: WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
UTILITY DETAILS

REVIEWED BY:

REVIEWED BY:

REVIEWED BY:

PROJECT ENG.

BRANCH CHIEF

TECH. DIRECTOR

APPROVING OFFICER

DATE

PROJECT NUMBER

DRAWING NUMBER

6841069

6841069C503

DISCIPLINE/SHT NO

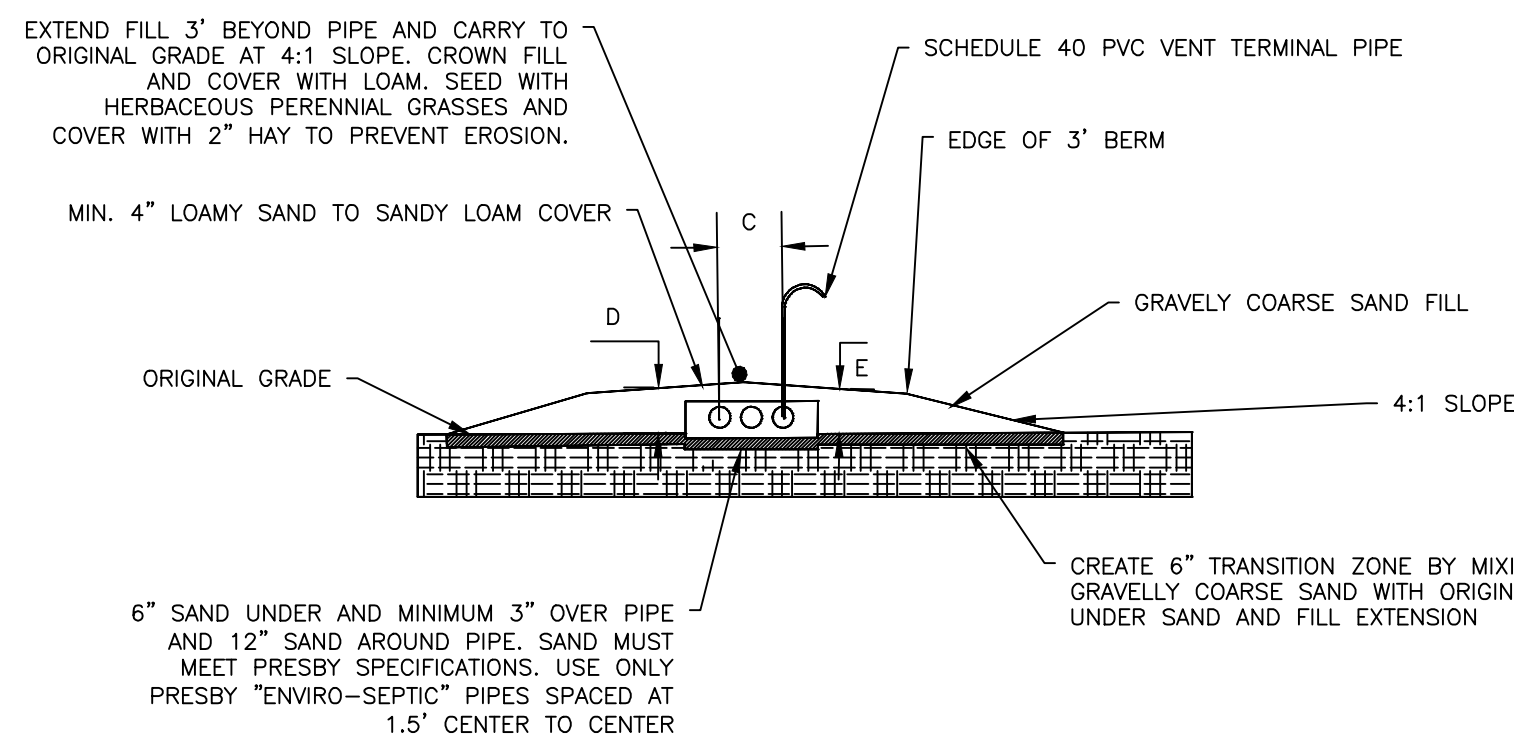
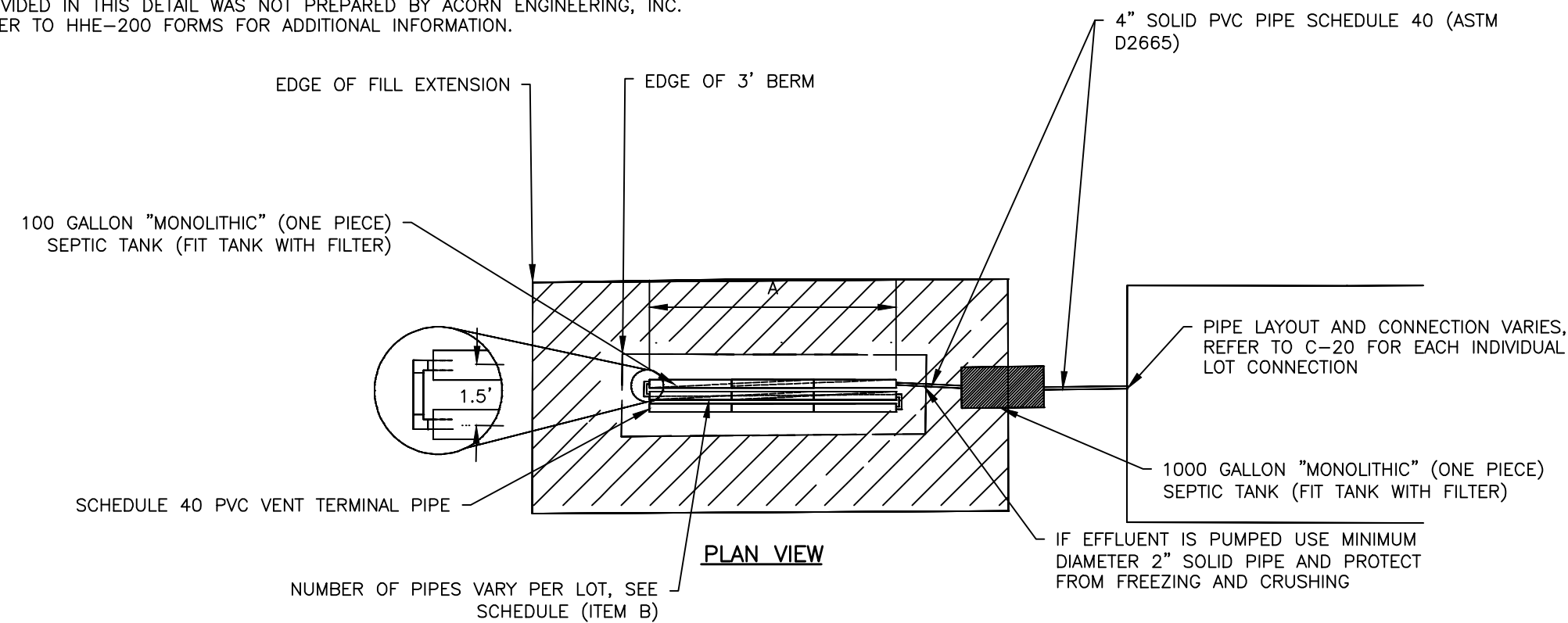
SHEET 14 OF 112

C503

CORRECTED FINAL
5/10/2021

NOT ISSUED FOR
CONSTRUCTION

- NOTES:
1. DO NOT INSTALL WHEN GROUND IS FROZEN OR DET.
 2. THE SEPTIC SYSTEM MUST BE INSTALLED PER MANUAL.
 3. ANY EXISTING DRILLED WELL FOUND WITHIN 100' OF LEACH FIELD OR 50' OF SEPTIC TANK MUST BE FILLED WITH CONCRETE.
 4. TO OBTAIN THE BEST CONSTRUCTION RESULT.
 5. SYSTEM MUST BE VENTED ACCORDING TO PRESBY "DESIGN AND INSTALLATION MANUAL" IF EFFLUENT IS PUMPED. CONTRACTOR TO COORDINATE WITH ENGINEER ON VENTING.
 6. PLACE UNIT AS APPROPRIATE FOR DWELLING UNIT.
 7. SCARIFY AREA UNDER ENTIRE LEACH FIELD; INCLUDING FILL EXPOSED.
 8. DESIGN AND SPECIFICATIONS PREPARED BY ROBERT COSTA, LISC INFORMATION PROVIDED. THIS PROJECT WAS PREPARED BY CORN ENGINEERING, INC.
 9. REFER TO HSE-200 FORMS FOR ADDITIONAL INFORMATION.



SUBSURFACE WASTEWATER DISPOSAL SYSTEM
NOT TO SCALE

PROFILE VIEW SCHEDULE					
	LOT 2 SYSTEM	LOT 3 SYSTEM	LOT 4 SYSTEM	LOT 5 SYSTEM	LOT 6 SYSTEM
A	30'	30'	30'	30'	30'
B	3	7	10	10	7
C	3'	9'	13.5'	13.5'	9'
D	22"+	17"+	19"+	19"+	17"+
E	22"+	18"-21"+	22"+	19"+	21"-24"+
FILL EXTENSION	12'-14'	12'-15'	13'-16'	12'-15'	12'-15'
FINISHED GRADE ELEVATION	-27"	-47"	-70"	-135"	-44"
TOP OF PIPE	-34"	-54"	-77"	-142"	-51"
BOTTOM OF PIPE	-46"	-66"	-89"	-154"	-63"
REFERENCE ELEVATION	0" ¹	0" ²	0" ³	0" ⁴	0" ⁵

¹ ELEVATION REFERENCE POINT: FLAGGED NAIL IN UTILITY POLE ON SHORE ROAD

² ELEVATION REFERENCE POINT: FLAGGED NAIL IN UTILITY POLE ON SHORE ROAD

³ ELEVATION REFERENCE POINT: 2 FLAGGED NAILS IN DWELLING GARAGE DOOR TRIM

⁴ ELEVATION REFERENCE POINT: 2 FLAGGED NAILS IN DWELLING GARAGE DOOR TRIM

⁵ ELEVATION REFERENCE POINT: FLAGGED NAILS IN BARN AND UTILITY POLE

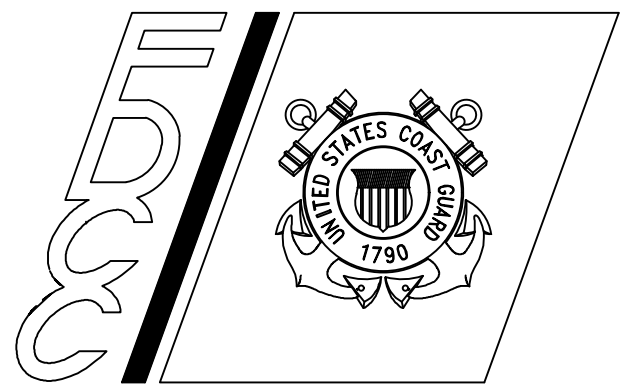
NOT ISSUED FOR
CONSTRUCTION

ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021

U. S. COAST GUARD
FACILITIES DESIGN &
CONSTRUCTION CENTER



5505 ROBIN HOOD ROAD SUITE K
NORFOLK, VIRGINIA 23513-2431

ISSUE		
	5/10/21	CORRECTED FINAL
	4/30/21	STORMWATER SUBMISSION
	4/7/21	100% SUBMISSION
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MARK	DATE	DESCRIPTION

A/E PROJECT NO:	1146
CAD FILE NAME:	6841069G001.DWG
DESIGNED BY:	SJL
DRAWN BY:	KRB
EDITED BY:	NPH
CHECKED BY:	WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
SEPTIC DETAILS

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
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PROJECT ENG.	BRANCH CHIEF	TECH. DIRECTOR
--------------	--------------	----------------

APPROVING OFFICER

DATE _____

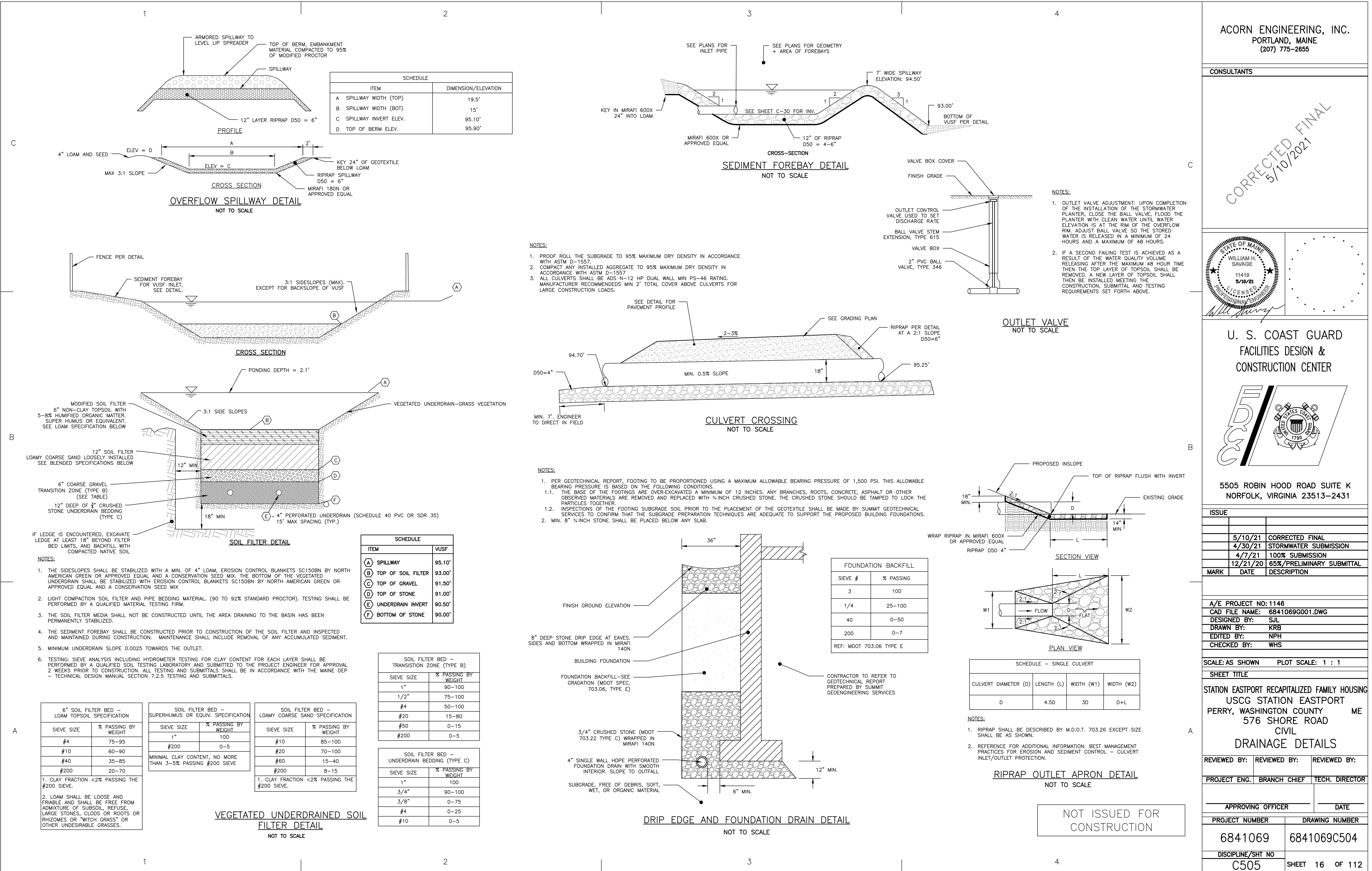
PROJECT NUMBER		DRAWING NUMBER	
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6841069

6841069C503

DISCIPLINE/SHT NO

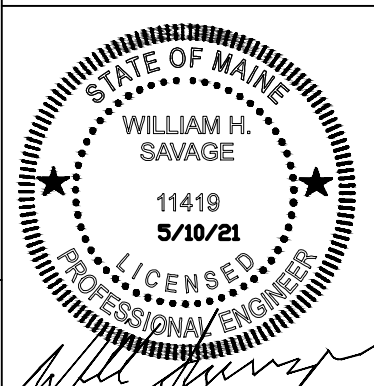
SHEET 15 OF 112



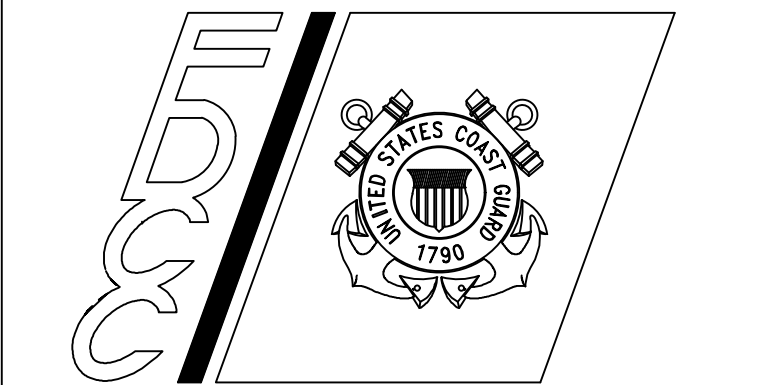
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PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
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NORFOLK, VIRGINIA 23513-2431

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A/E PROJECT NO: 1146
CAD FILE NAME: 6841069G001.DWG
DESIGNED BY: SJL
DRAWN BY: KRB
EDITED BY: NPH
CHECKED BY: WHS

SCALE: AS SHOWN PLOT SCALE: 1 : 1

SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
DRAINAGE DETAILS

REVIEWED BY: REVIEWED BY: REVIEWED BY:
PROJECT ENG. BRANCH CHIEF TECH. DIRECTOR

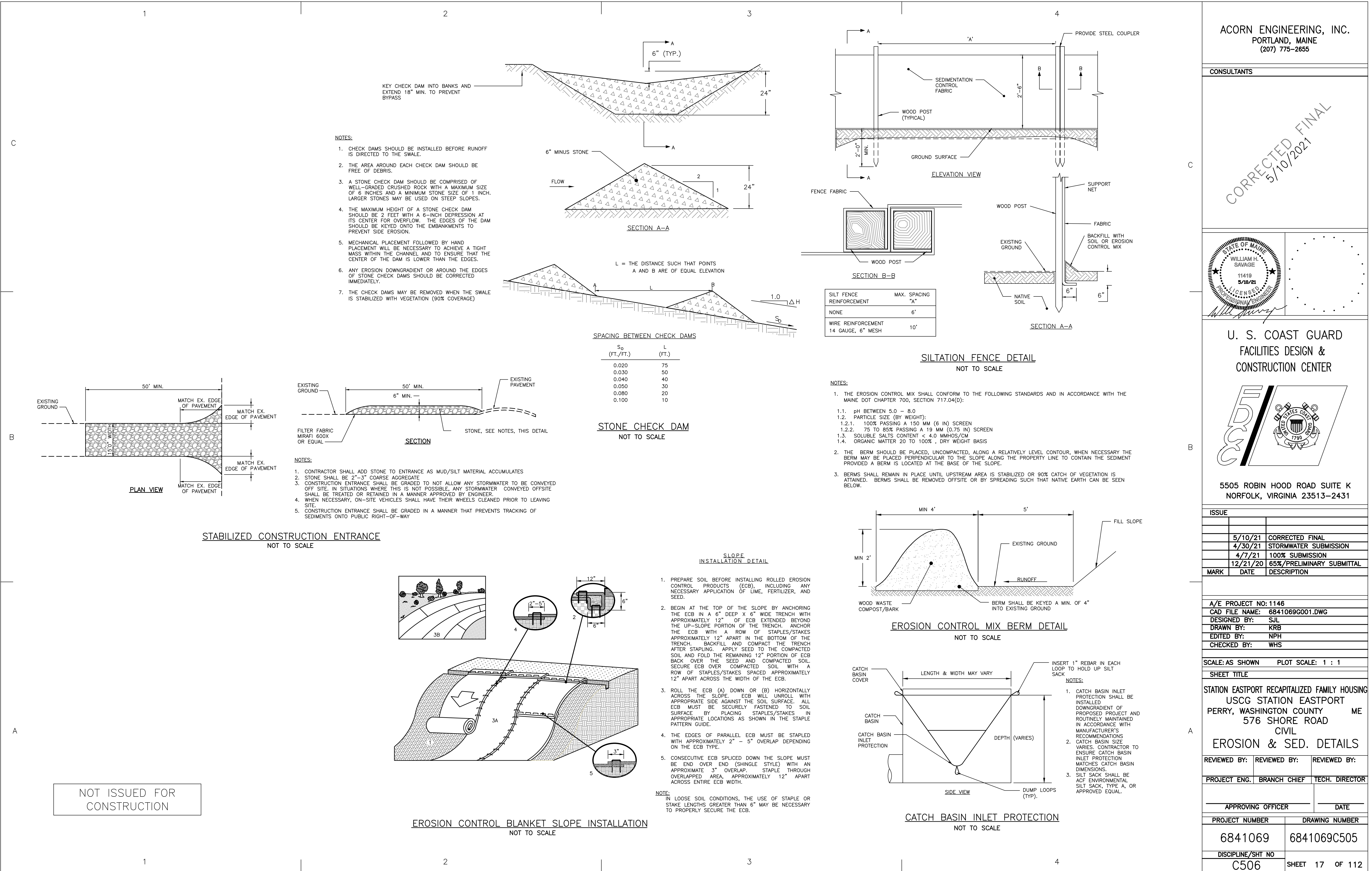
APPROVING OFFICER DATE

PROJECT NUMBER DRAWING NUMBER

6841069 6841069C504

DISCIPLINE/SHT NO

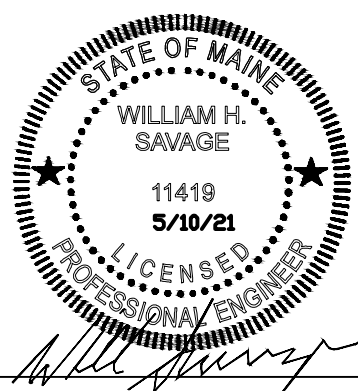
C505 SHEET 16 OF 112



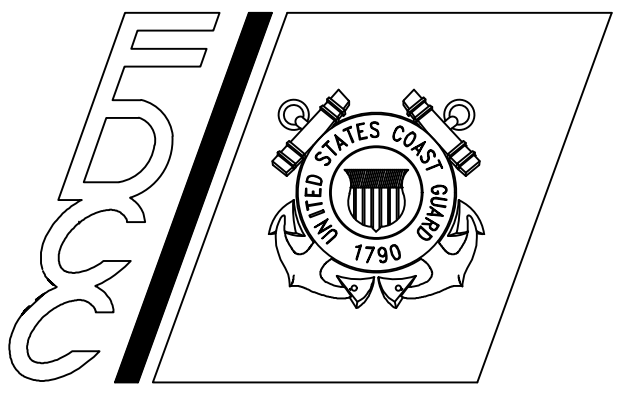
ACORN ENGINEERING, INC.
PORTLAND, MAINE
(207) 775-2655

CONSULTANTS

CORRECTED FINAL
5/10/2021



U. S. COAST GUARD
FACILITIES DESIGN &
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SHEET TITLE

STATION EASTPORT RECAPITALIZED FAMILY HOUSING
USCG STATION EASTPORT
PERRY, WASHINGTON COUNTY ME
576 SHORE ROAD
CIVIL
EROSION & SED. DETAILS

REVIEWED BY: REVIEWED BY: REVIEWED BY:
PROJECT ENG. BRANCH CHIEF TECH. DIRECTOR

APPROVING OFFICER		DATE
PROJECT NUMBER		DRAWING NUMBER
6841069		6841069C505
DISCIPLINE/SHT NO		
C506		SHEET 17 OF 112