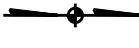


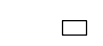





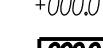
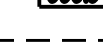
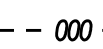
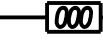
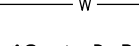

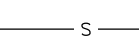

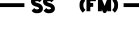
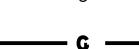
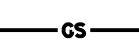
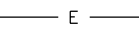
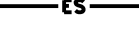





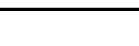





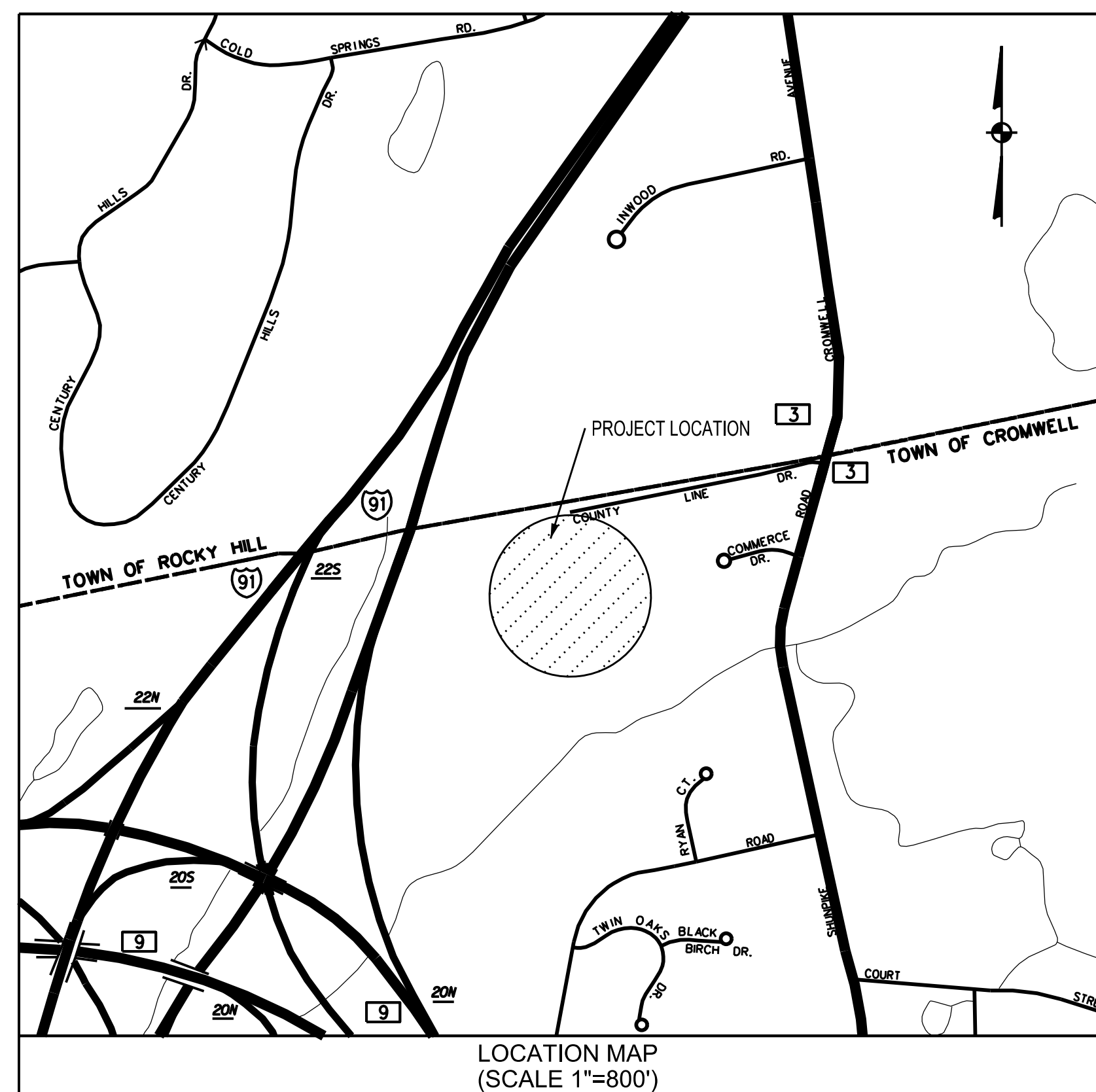
PROPOSED NEW FACILITY

TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS / WATER POLLUTION CONTROL AUTHORITY

100 COUNTY LINE DRIVE
CROMWELL, CONNECTICUT
JUNE 26, 2019

LIST OF REVISIONS		
1	7-3-19	STAFF REVIEW
REV.	DATE	REVISION DESCRIPTION

LEGEND	
	NORTH ARROW
	UTILITY POLE
	UTILITY POLE W/ LUMINAIRE
	MANHOLE
	CATCH BASIN
	SIGN
	GATE VALVE (TYPE AS NOTED)
	HYDRANT
	DECIDUOUS TREE
	EVERGREEN TREE
	SHRUB / BUSH
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	ZONING SETBACK LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	APPROX. LOCATION EXISTING WATER MAIN
	PROPOSED 4" D.I.P. WATER SERVICE
	PROPOSED 8" D.I.P. WATER SERVICE (FIRE)
	APPROX. LOCATION EXISTING SEWER MAIN
	PROPOSED 6" PVC (SDR-35) SEWER MAIN
	PROPOSED SANITARY SEWER FORCE MAIN
	APPROX. LOCATION EXISTING GAS MAIN
	PROPOSED GAS MAIN
	PROPOSED GAS SERVICE
	APPROX. LOC. EXISTING UNDERGROUND ELECTRIC
	PROPOSED UNDERGROUND ELECTRIC SERVICE
	PROPOSED ROOF LEADER CONNECTION
	PROPOSED TIMBER RAILING
	EXISTING TREE LINE
	PROPOSED TREE LINE
	CURBING (TYPE AS NOTED)
	SEDIMENTATION CONTROL FENCE



LIST OF DRAWINGS

- 1 COVER SHEET
- 2-3 PROPERTY AND TOPOGRAPHIC SURVEY
- 4 GENERAL NOTES
- 5 OVERALL SITE DEVELOPMENT
- 6-7 REMOVALS
- 8-9 LAYOUT, SIGNS AND PAVEMENT MARKINGS
- 10-11 DRAINAGE AND UTILITIES
- 12-13 GRADING
- 14-15 EROSION AND SEDIMENTATION CONTROL
- 16-20 MISCELLANEOUS NOTES AND DETAILS

Owner / Applicant:

Town of Cromwell
41 West Street
Cromwell, CT 06416
(860) 632-3420

Surveyor / Civil Engineer:

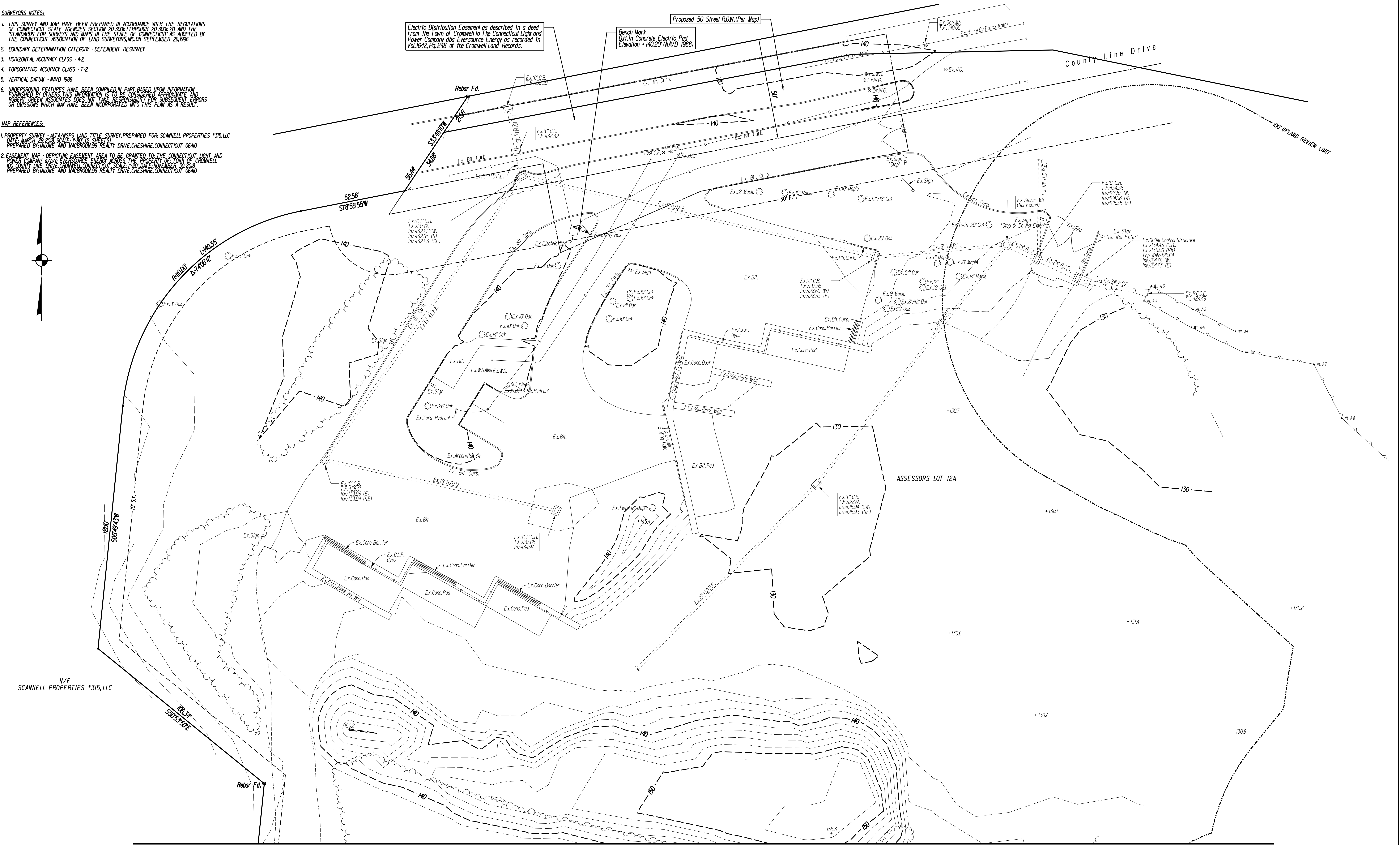
Robert Green Associates LLC
6 Old Waterbury Road
Terryville, Conn. 06786
(860) 589-0135







SURVEYOR'S NOTES:

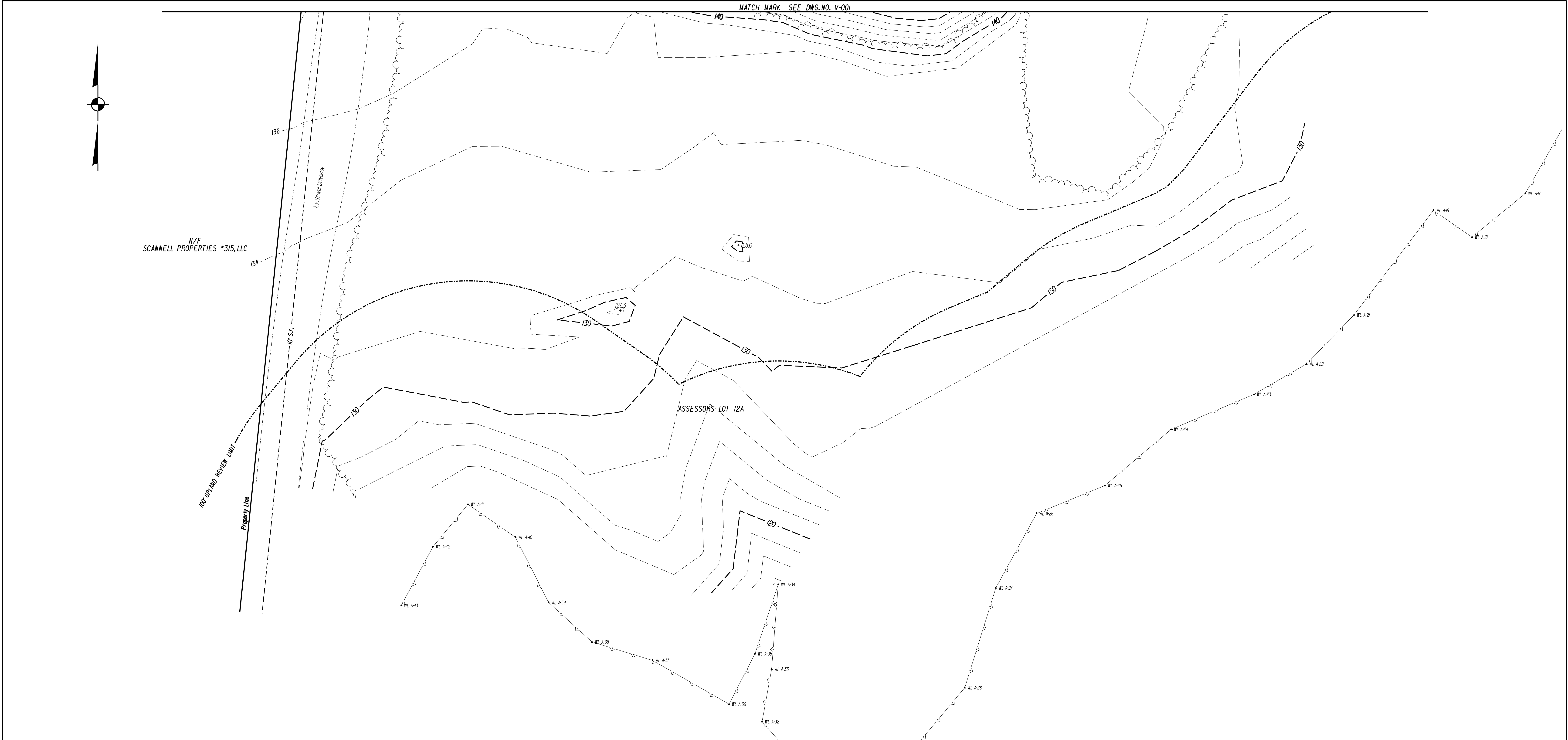
1. THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300d THROUGH 20-300d-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
2. BOUNDARY DETERMINATION CATEGORY - DEPENDENT RESURVEY
3. HORIZONTAL ACCURACY CLASS - A-2
4. TOPOGRAPHIC ACCURACY CLASS - T-2
5. VERTICAL DATUM - NAVD 1988
6. UNDERGROUND FEATURES HAVE BEEN COMPILED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. THIS INFORMATION IS TO BE CONSIDERED APPROXIMATE AND ROBERT GREEN ASSOCIATES DOES NOT TAKE RESPONSIBILITY FOR SUBSEQUENT ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THIS PLAN AS A RESULT.

MAP REFERENCES:

1. PROPERTY SURVEY - ALTA/NSPS (LAND TITLE) SURVEY, PREPARED FOR: SCANNELL PROPERTIES *315, LLC DATE: MARCH 28, 2018, SCALE: 1"=80' (2 SHEETS) PREPARED BY: WILONE AND MACBROOM, 99 REALTY DRIVE, CHESHIRE, CONNECTICUT 06410
2. EASEMENT MAP - DEPICTING EASEMENT AREA TO BE GRANTED TO THE CONNECTICUT LIGHT AND POWER COMPANY d/b/a EVERSOURCE ENERGY ACROSS THE PROPERTY OF: TOWN OF CROMWELL 100 COUNTY LINE DRIVE, CROMWELL, CONNECTICUT, SCALE: 1"=20' DATE: NOVEMBER 30, 2018 PREPARED BY: WILONE AND MACBROOM, 99 REALTY DRIVE, CHESHIRE, CONNECTICUT 06410



				DATE: JUNE 26, 2019	SURVEYOR SIGNATURE/BLOCK: TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. 				ENGINEER SIGNATURE/BLOCK: 	PROJECT TITLE: IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT	DRAWING NO. V-001
1	7-3-19	STAFF REVIEW		SCALE: SCALE IN FEET 						DRAWING TITLE: PROPERTY & TOPOGRAPHIC SURVEY	SHEET NO. 2
REV.	DATE	REVISION DESCRIPTION									


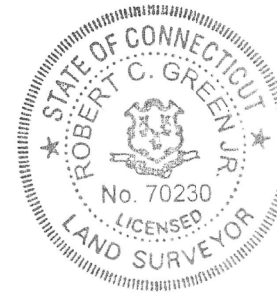
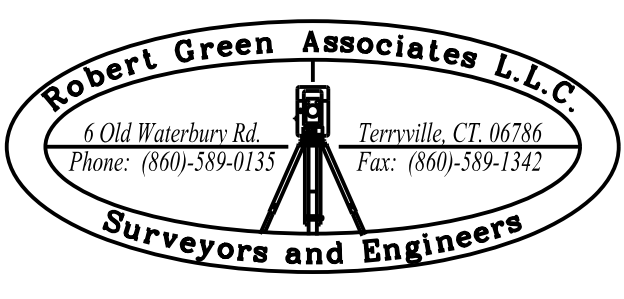

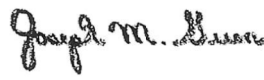


SURVEYORS NOTES:

1. THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300b-1 THROUGH 20-300b-20 AND THE STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
2. BOUNDARY DETERMINATION CATEGORY - DEPENDENT RESURVEY
3. HORIZONTAL ACCURACY CLASS - A-2
4. TOPOGRAPHIC ACCURACY CLASS - T-2
5. VERTICAL DATUM - NAD 1988
6. UNDERGROUND FEATURES HAVE BEEN COMPILED IN PART BASED UPON INFORMATION FURNISHED BY OTHERS. THIS INFORMATION IS TO BE CONSIDERED APPROXIMATE AND ROBERT GREEN ASSOCIATES DOES NOT TAKE RESPONSIBILITY FOR SUBSEQUENT ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THIS PLAN AS A RESULT.

MAP REFERENCES:

1. PROPERTY SURVEY - ALTA/NSPS LAND TITLE SURVEY, PREPARED FOR: SCANNELL PROPERTIES *315, LLC
DATE: MARCH 29, 2018 SCALE: 1"=80' (2 SHEETS)
PREPARED BY: WILONE AND MACBROOM, 99 REALTY DRIVE, CHESHIRE, CONNECTICUT 06410
2. EASEMENT MAP - DEPICTING EASEMENT AREA TO BE GRANTED TO THE CONNECTICUT LIGHT AND POWER COMPANY d/b/a EVERSOURCE ENERGY ACROSS THE PROPERTY OF TOWN OF CROMWELL 100 COUNTY LINE DRIVE CROMWELL CONNECTICUT SCALE: 1"=20' DATE: NOVEMBER 30, 2018
PREPARED BY: WILONE AND MACBROOM, 99 REALTY DRIVE, CHESHIRE, CONNECTICUT 06410

			DATE: JUNE 26, 2019	SURVEYOR SIGNATURE BLOCK: TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. 				ENGINEER SIGNATURE BLOCK: 	PROJECT TITLE: IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT	DRAWING NO. V-002
			SCALE: SCALE IN FEET 0 20 40 SCALE 1"=20'						DRAWING TITLE: PROPERTY & TOPOGRAPHIC SURVEY	SHEET NO. 3
1	7-3-19	STAFF REVIEW								
REV.	DATE			REVISION DESCRIPTION						

GENERAL NOTES:

3. ACCESSORS MAP: 26 LOT: 12A
2. PROPERTY ADDRESS: 100 COUNTY LINE DRIVE
3. RECORD OWNER: TOWN OF CROMWELL
4. LOT 12A AREA = 13.58 ACRES (PER PROPERTY RECORD CARD)
5. ZONE: IND (INDUSTRIAL)
6. AREA OF WETLANDS/WATERCOURSES TO BE DISTURBED: 0 ACRES
LINEAR FEET OF STREAM TO BE ALTERED: 0 FT
AREA OF WETLANDS/WATERCOURSES TO BE CREATED: 0 ACRES
AREA OF ACTIVITY WITHIN 100' BUFFER ZONE: 0.27 ACRES

ON-SITE SOIL INVESTIGATION & WETLAND DELINEATION PROVIDED BY:
REMA ECOLOGICAL SERVICES, LLC
164 EAST CENTRAL STREET, SUITE 8
MANCHESTER, CT 06040
7. BASED ON FLOOD INSURANCE RATE MAP, WOODSEX COUNTY, CONNECTICUT (ALL JURISDICTIONS),
PANEL 18 OF 450 MAP NUMBER 09007C0018G, EFFECTIVE DATE: AUGUST 28, 2008 THE
PARCEL LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN)
8. THE PROPERTY IS "NOT" LOCATED WITHIN A AQUIFER PROTECTION AREA
9. PROPERTY SERVED BY PUBLIC WATER AND SEWER.
10. EXISTING CONTOURS AT 2' INTERVALS
11. THE INDICATED EXISTING UTILITIES ARE BASED ON LIMITED INFORMATION.
THE LOCATIONS ARE APPROXIMATE, ALL UTILITIES MAY NOT BE SHOWN.
THE CONTRACTOR SHALL CONTACT "CALL-BEFORE-YOU-DIG AT 811"
PRIOR TO THE COMMENCEMENT OF ANY WORK.
12. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, QUANTITIES AND DETAILS PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
13. TECHNICAL SPECIFICATIONS ARE THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION (FORM 817) AND ALL LATEST SUPPLEMENTAL SPECIFICATIONS INCLUDING ANY SPECIAL PROVISIONS.

PARKING CALCULATION:

PROPOSED USE: INDUSTRIAL

PARKING REQUIREMENT: 1 SPACE FOR EVERY 4 EMPLOYEES ON ANY 1 SHIFT

TOTAL PARKING REQUIRED: 26 EMPLOYEES ON LARGEST SHIFT

PARKING PROVIDED: 30 SPACES

CONSTRUCTION SEQUENCE:

1. FLAG THE LIMITS OF CONSTRUCTION NECESSARY TO FACILITATE THE PRECONSTRUCTION MEETING.
2. HOLD PRECONSTRUCTION MEETING WITH THE OWNER, ENGINEER, CONTRACTOR AND APPROPRIATE TOWN STAFF. REVIEW FLAGGED CLEARING LIMITS AND DETERMINE TOPSOIL STOCKPILE AREA.
3. FLAG REMAINDER OF THE LIMITS OF CONSTRUCTION AND TREE PROTECTION ZONES IF REQUIRED.
4. INSTALL CONSTRUCTION ENTRANCE PAD.
5. INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH THE E&S PLAN.
6. CUT TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD CHIP BRUSH AND SLASH, STOCKPILE CHIPS FOR FUTURE USE OR REMOVE OFF SITE.
7. REMOVE ALL ITEMS PER REMOVALS PLAN.
8. STRIP AND STOCKPILE ALL TOPSOIL THAT IS WITHIN THE FOOTPRINT OF THE CONSTRUCTION SITE AND REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS. EITHER REMOVE TREE STUMPS TO AN APPROVED DISPOSAL SITE OR CHIP IN PLACE AS INDICATED ON THE PLANS.
9. MAKE ALL CUTS AND FILLS REQUIRED. ESTABLISH THE SUBGRADE FOR THE PARKING LOT AND DRIVEWAY AS REQUIRED AND BENCH THE BUILDING TO A SUBGRADE, ALLOW A REASONABLE AMOUNT OF AREA AROUND THE FOOT-PRINT OF THE BUILDING FOR THE CONSTRUCTION ACTIVITIES.
10. BEGIN CONSTRUCTION OF THE BUILDING.
11. PRIOR TO INSTALLING SURFACE WATER CONTROLS SUCH AS TEMPORARY DIVERSIONS AND STONE DIKES, INSPECT EXISTING CONDITIONS TO ENSURE DISCHARGE LOCATIONS ARE STABLE. IF NOT STABLE, REWORK DISCHARGE CONDITIONS WITH THE DESIGN ENGINEER AND IMPLEMENT ADDITIONAL STABILIZATION MEASURES PRIOR TO INSTALLING WATER SURFACE CONTROLS.
12. INSTALL ALL UTILITIES AND DRAINAGE SYSTEMS TO WITHIN 5 FEET OF THE BUILDING OR AS OTHERWISE MODIFIED BY THE DESIGN ENGINEER TO ADJUST FOR UNFORESEEN SITE CONDITIONS.
13. PREPARE SUB-BASE, SLOPES, PARKING AREAS, SHOULDER AREAS, ACCESS DRIVES AND ANY OTHER DISTURBANCE FOR FINAL GRADING.
14. INSTALL PROCESS AGGREGATE IN PARKING AREAS.
15. PLACE TOPSOIL WHERE REQUIRED, COMPLETE THE PERIMETER LANDSCAPE PLANTINGS.
16. FINE GRADE, RAKE, SEED AND MULCH TO WITHIN 2 FEET OF THE CURBING.
17. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS. INSTALL FIRST COURSE OF PAVING.
18. WHEN ALL OTHER WORK HAS BEEN COMPLETED, REPAIR AND SWEEP ALL PAVED AREAS FOR THE FINAL COURSE OF PAVING. INSPECT THE DRAINAGE SYSTEM AND CLEAN AS NEEDED.
19. INSTALL FINAL COURSE OF PAVEMENT.
20. AFTER THE SITE IS STABILIZED REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS.

OPERATION AND MAINTENANCE PLAN (POST-CONSTRUCTION)

1. ALL DRAINAGE SHOULD BE INSPECTED TWO TIMES PER YEAR AND SEDIMENT REMOVED WHEN IT EXTENDS TO WITHIN 12 INCHES OF THE OUTLET PIPE INVERT, NOT LESS THAN ONCE PER YEAR. THE SEDIMENT SHALL BE DISPOSED OF IN AN APPROVED LOCATION.
2. ALL PAVED AREAS SHALL BE SWEEPED TWICE ANNUALLY, TYPICALLY, SWEEPING SHOULD OCCUR IN THE SPRING, AFTER WINTER SANDING, AND IN THE FALL, AFTER ALL LEAVES HAVE FALLEN.
3. A VEGETATIVE OR IMPROVED COVER SHALL BE MAINTAINED ON ALL EARTH SURFACES TO MINIMIZE SOIL EROSION. USE OF FERTILIZER SHOULD BE MINIMIZED AND APPLIED USING PRUDENT APPLICATION PROCEDURES. (USE ONLY ORGANIC FERTILIZER)
4. DURING CONSTRUCTION AND FOR THREE MONTHS AFTER PROJECT COMPLETION INSPECTION OF SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MADE ON A WEEKLY BASIS AND AFTER RAINFALL EVENTS OF 1/2" OR GREATER. A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE.

REMOVAL NOTES:

1. ANY SITE FEATURE NOT LABELED AS BEING REMOVED, REPLACED, ETC. IS INTENDED TO REMAIN.
2. EXISTING ABOVE AND BELOW GROUND UTILITIES TO REMAIN SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.
3. DURING THE PRECONSTRUCTION MEETING, THE CONTRACTOR, ENGINEER AND TOWN STAFF SHALL DETERMINE A SUITABLE LOCATION FOR THE TOPSOIL STOCKPILE.

SIGNING AND PAVEMENT MARKING NOTES:

1. SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO MUTCD OR CONNDOT STANDARDS AS DEPICTED
2. SIGNS SHALL BE INSTALLED WITH A BREAKAWAY FEATURE.
3. HANDICAP PARKING SHALL BE MARKED USING YELLOW OR BLUE TRAFFIC PAVEMENT MARKING PAINT TO INDICATE INDIVIDUAL SPACES.
4. ALL PAVEMENT MARKINGS SHALL BE EPOXY RESIN.

ACCESSIBILITY NOTES:

1. ALL ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2% IN ANY DIRECTION.
2. ALL ACCESSIBLE EGRESS SHALL BE FLUSH WITH THE ADJOINING MATERIAL UNLESS OTHERWISE NOTED ON THE PLANS.
3. WALKWAYS ALONG ACCESSIBLE ROUTES ARE NOT TO EXCEED 5% RUNNING SLOPE OR 2% CROSS SLOPE UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.
4. ALL RAMPS SHALL NOT EXCEED 1:2 AND/OR 2% CROSS PITCH.

UTILITY AND DRAINAGE NOTES:

1. THE INDICATED EXISTING UTILITIES ARE BASED UPON LIMITED INFORMATION FURNISHED BY OTHERS. THE LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. THIS INFORMATION IS TO BE CONSIDERED APPROXIMATE AND ROBERT GREEN ASSOCIATES DOES NOT TAKE RESPONSIBILITY FOR SUBSEQUENT ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE PLANS.
2. THE CONTRACTOR SHALL CONTACT "CALL-BEFORE-YOU-DIG" AT 911 PRIOR TO THE COMMENCEMENT OF ANY WORK.
3. TOP OF FRAME ELEVATIONS SHOWN ON THESE PLANS REFLECT THE 2" STANDARD DEPRESSION FROM GUTTER LINE.
4. ALL CATCH BASINS SHALL HAVE A 2FT SUMP UNLESS OTHERWISE NOTED ON THE PLANS.
5. AS MAY BE REQUIRED, THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL APPROPRIATE UTILITY COMPANIES REGARDING A FINAL DESIGN, MEANS OF CONSTRUCTION AND AN EXACT LOCATION AND SIZE OF THE UTILITY PRIOR TO THE START OF CONSTRUCTION.
6. THE CONTRACTOR SHALL VERIFY ALL INVERTS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION AND BRING ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND TO THE ATTENTION OF THE ENGINEER.
7. ALL PROPOSED UTILITY SERVICES ARE TO BE UNDERGROUND.
8. SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "CROWNELL WATER POLLUTION CONTROL AUTHORITY BUILDING SEWER CONNECTION REQUIREMENTS."
9. WHEN SEWER AND WATER ARE WITHIN 10' HORIZONTALLY, THE WATER MAIN SHALL BE LOCATED IN A SEPARATE TRENCH OR ON AN UNDISTURBED SHELF AND AT LEAST 12" HORIZONTALLY (10' RECOMMENDED), MEASURED EDGE TO EDGE AND 10' ABOVE THE TOP OF THE SEWER, MEASURED FROM CROWN TO INVERT. FINAL LOCATIONS SHALL BE APPROVED BY THE APPROPRIATE UTILITY COMPANY.
10. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE 1000 GPD OIL/WATER SEPARATOR AND GRINDER PUMP FOR APPROVAL BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
11. IF THE CONTRACTOR ENCOUNTERS UNDERGROUND DRAINAGE AND/OR UTILITIES DURING CONSTRUCTION THAT ARE NOT SHOWN ON THE PLANS, HE/SHE SHALL CONTACT THE ENGINEER FOR EVALUATION AND AS-BUILT.
12. WATER MAIN AND WATER SERVICE CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE WATER DEPARTMENT SPECIFICATIONS FOR WATER MAINS AND SERVICES.
13. FINAL WATER SERVICE SIZES TO BE DETERMINED BY THE WATER DEPARTMENT UPON RECEIPT OF ALL PERTINENT WATER FIXTURE DATA.
14. FINAL FIRE HYDRANT LOCATION AND INSTALLATION SHALL BE DETERMINED BY THE WATER DEPARTMENT AND FIRE DEPARTMENT.

GRADING NOTES:

1. THE GRADING PLAN DEPICTS A 2" LIP FROM FINISH FLOOR TO FINISH PAVEMENT AT ALL OVERHEAD DOOR LOCATIONS. THE CONTRACTOR SHALL CONFIRM ALL THE LOCATIONS THAT REQUIRE THE 2" LIP AND REVIEW THE ARCHITECTURAL PLANS FOR THE CONSTRUCTION DETAILS.

GENERAL NOTES FOR EROSION AND SEDIMENTATION CONTROL

- THIS PLAN OF DEVELOPMENT PROPOSES EROSION CONTROL MEASURES WHICH WILL PERFORM ONE OR MORE OF THE FOLLOWING FUNCTIONS: MINIMIZATION OF SOIL EXPOSURE, CONTROL OF RUNOFF, SHIELDING OF THE SOILS AND BINDING OF THE SOILS. PROPER EROSION MANAGEMENT WILL MINIMIZE THE NEED FOR EXTENSIVE SEDIMENTATION CONTROLS.
2. ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
 3. ALL CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD AND FOR A PERIOD AFTERWARDS UNTIL ALL AREAS ARE STABILIZED. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROL MEASURES AFTER EACH STORM EVENT (1/2" OR MORE) OR ONCE A WEEK AND IMMEDIATELY MAKE ANY CORRECTIVE ACTION REQUIRED.
 4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE EROSION AND SEDIMENTATION CONTROL HANDBOOK.
 5. RUNOFF SHALL ALSO BE CONTROLLED BY THE STAGING OF CONSTRUCTION ACTIVITY AND THE PRESERVATION OF NATURAL VEGETATION WHENEVER POSSIBLE.
 6. LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM AND RESTABILIZATION SHALL BE SCHEDULED AS SOON AS POSSIBLE. THE AREAS WHICH ARE LEFT EXPOSED FOR MORE THAN 30 DAYS, TEMPORARY SEEDING FOR STABILIZATION SHALL BE UTILIZED OR AN APPROVED EQUAL.
 - A) SEED BED PREPARATION:
 - REMOVE STONES LARGER THAN 2"
 - APPLY LIMESTONE AT 90° / 1000 S.F.
 - WORK LIME AND FERTILIZER INTO SOIL.
 - B) SEED APPLICATION:
 - APPLY GRASS MIXTURE BY HAND OR CYCLONE SEEDER, LIGHTLY DRAG OR ROLL THE SEED SURFACE TO COVER SEED.
 - OPTIMAL SEEDING SEASON IS BETWEEN MARCH 15TH AND JUNE 30TH OR BETWEEN AUGUST 15TH AND OCTOBER 30TH.
 - IF SEEDING CAN NOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE STATED BELOW UNTIL SEEDING CAN TAKE PLACE.
 - C) SEED MIX:
 - CREEPING RED FESCUE 49% / ACRE
 - TALL FESCUE 20% / ACRE
 - D) MULCHING:
 - IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDBED SURFACE WITH STRAW OR HAY AT A RATE OF 1-1/2 TONS / ACRE
 - SPREAD MULCH BY HAND OR MULCH BLOWER.
 - PUNCH MULCH INTO SOIL SURFACE WITH TRACK MACHINE OR DISK HARROW STRAIGHT UP. MULCH MATERIAL SHOULD BE "TUCKED" APPROXIMATELY 2" - 3" INTO SOIL SURFACE.
 - E) TREE PROTECTION:
 - LIMIT CONSTRUCTION ACTIVITIES THAT MIGHT CAUSE DAMAGE TO TREES. THE AREA ADJACENT TO, AND TREES THAT ARE TO BE PROTECTED, WILL BE IDENTIFIED AND CLEARLY MARKED. EXCAVATION SHOULD NOT OCCUR WITHIN THE ROOT ZONE OF THE TREES THAT ARE TO REMAIN. IN ADDITION, RAISING OR LOWERING THE GRADE NEAR REMAINING TREES SHOULD NOT OCCUR.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY EROSION AND SEDIMENTATION CONTROL MEASURES DUE TO UNFORESEEN FIELD CONDITIONS. ADDITIONAL CONTROL MEASURES MAY ALSO BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE ENGINEER, ENVIRONMENTAL SUPERVISOR AND/OR TOWN ENGINEER.
 8. ANY CHANGE TO THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN BY THE CONTRACTOR SHALL BE SUBMITTED BY THE CONTRACTOR IN WRITING AND APPROVED BY THE ENGINEER.
 9. ANTI-TRACKING PADS SHALL BE INSTALLED WHERE CONSTRUCTION ACCESS MEETS A PAVED ACCESS POINT, OR AS DIRECTED BY THE ENGINEER.
 10. STOCKPILE LOCATIONS SHALL BE DETERMINED PRIOR TO THE START OF CONSTRUCTION AND IF A STOCKPILE IS LOCATED OFF-SITE, THE LOCATION SHALL HAVE EROSION CONTROL MEASURES IN PLACE AND MEET ALL LOCAL REQUIREMENTS.
 11. SLOPES SHALL BE RESTRICTED TO 2° HORIZONTAL TO 1° VERTICAL OR FLATTER THROUGH GRADING AND/OR RETAINING WALLS. WHERE LEDGE IS ENCOUNTERED, THE MAXIMUM CUT SLOPE MAY BE INCREASED TO 1 HORIZONTAL : 1 VERTICAL. A 4 FT HIGH PERMANENT SAFETY FENCE (e.g. CHAIN LINK FENCE) SHALL BE ADDED TO ALL ROCK CUTS GREATER THAN 4 FT HIGH.
 12. ALL SLOPES OR DISTURBED AREAS (EXCEPT PAVED AREAS) ARE TO BE STABILIZED WITH 4" OF TOPSOIL AND TURF MUST BE ESTABLISHED UNLESS OTHERWISE NOTED ON THE PLANS. STABILIZATION SHALL INCLUDE INSTALLATION OF EROSION CONTROL MATTING WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
 13. SEDIMENTATION BARRIERS TO BE FIBRETEX 150 GRADE, OR APPROVED EQUAL. ANY DAMAGED BARRIERS SHALL BE REPLACED AND/OR RESET IMMEDIATELY FOLLOWING DAMAGE.
 14. TEMPORARY PERVIOUS BARRIERS, USING SILT FENCE AND HAYBALES HELD IN PLACE WITH WOODEN STAKES, SHALL BE USED AT ALL AREAS WHERE STORM WATER CONTAINING SUSPENDED SEDIMENT COULD DRAIN OFF-SITE.
 15. PAUL GEDA WITH D'AMATO CONSTRUCTION OR HIS DULY AUTHORIZED AGENT (860) 583-3489 IS RESPONSIBLE FOR NOTIFYING THE MUNICIPAL PLANNING AND ENGINEERING DEPARTMENTS AT LEAST 24 HOURS IN ADVANCE TO THE START OF ANY CONSTRUCTION ACTIVITY.
 16. PAUL GEDA OR HIS DULY AUTHORIZED AGENT (860) 583-3489 IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PLANNING OFFICE OF ANY TRANSFER OF THIS RESPONSIBILITY AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENTATION CONTROL PLAN IF THE TITLE OF THE LAND IS TRANSFERRED.
 17. THESE PLANS WERE PREPARED IN ACCORDANCE WITH THE 2002 GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL, AS AMENDED. AN ADDITIONAL REFERENCE IS THE 1994 CONDOT PUBLICATION "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

EROSION AND SEDIMENTATION CONTROL MAINTENANCE REQUIREMENTS

TOPSOIL STOCKPILES:

THE SIDE SLOPES SHALL NOT EXCEED A SLOPE GREATER THAN 2:1. STOCKPILES THAT WILL NOT BE USED WITHIN 30 DAYS SHOULD BE SEEDED AND MULCHED. A SEDIMENTATION FENCE SHALL BE INSTALLED APPROX. 10 FT FROM THE TOE OF SLOPE

IF THE TOPSOIL STOCKPILE LOCATION IS RELOCATED, IT SHALL BE LOCATED SO AS NOT TO OBSTRUCT THE NATURAL DRAINAGE PATTERN OF THE SITE. IT SHALL BE LOCATED AS FAR AS PRACTICAL FROM ANY WETLANDS, WATER COURSES DRAINAGE WAYS AND STEEP SLOPES. IF THE LOCATION IS DOWNGRADIENT FROM A LONG SLOPE, DIVERT RUNOFF AROUND THE STOCKPILE.

CONSTRUCTION ENTRANCE PAD / ANTI-TRACKING PAD

THE CONSTRUCTION ENTRANCE SHALL BE KEPT CLEAN OF ANY DEBRIS OR CONSTRUCTION MATERIALS. A PERIODIC TOP DRESS OF STONE SHALL BE ADDED AS MAY BE REQUIRED TO KEEP THE ENTRANCE PAD WORKING EFFECTIVELY. IF A SEDIMENT S OCCURS ON THE ROAD, IT SHALL BE CLEANED UP IMMEDIATELY.

SEDIMENTATION CONTROL FENCE:


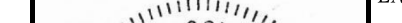

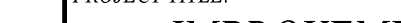

THE SEDIMENTATION CONTROL FENCE SHALL BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HRS OF A RAIN EVENT OF 0.5 INCHES OR MORE. IF A FAILURE OCCURS, REPAIR OR REPLACE THE FENCE WITHIN 24 HRS. ANY SEDIMENT DEPOSITS THAT REACH HALF THE HEIGHT OF THE FENCE SHALL BE REMOVED.

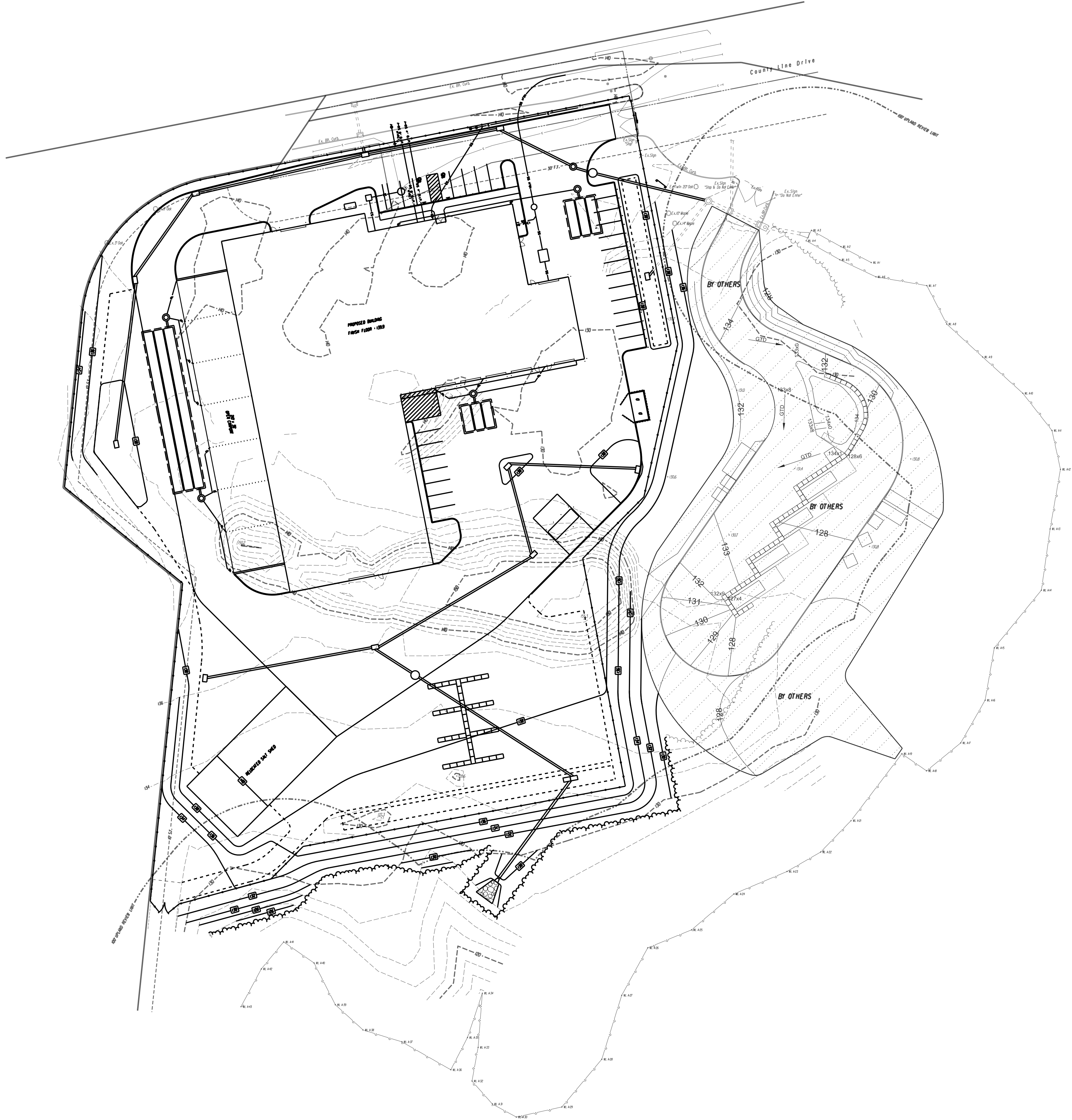
DUST CONTROL:

PERIODICALLY MOISTEN THE EXPOSED SOIL SURFACE TO KEEP TRAVELWAYS DAMP. AFTER THE TRAVELWAY HAS BEEN PAVED SWEEPING MAY BE REQUIRED TO REMOVE DUST AND FINE MATERIALS ACCUMULATED FROM TRUCK TRAFFIC.

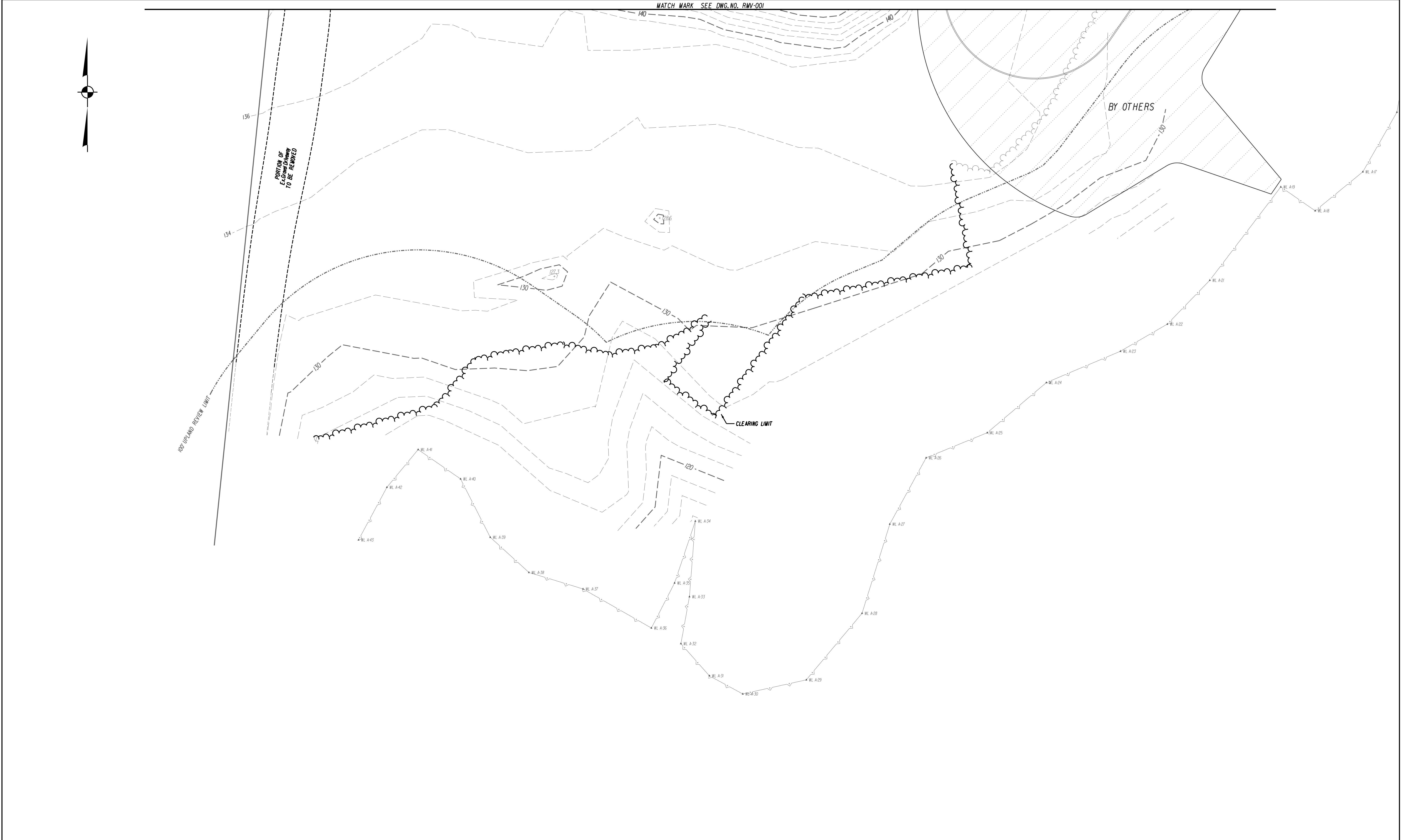
TREE PROTECTION:

TREES TO BE PROTECTED WILL BE IDENTIFIED AND CLEARLY MARKED. CONSTRUCTION ACTIVITIES WITHIN THE ADJACENT ARE CAUSE DAMAGE TO THE TREE SHALL BE LIMITED AND TRUNK ARMORING PROVIDED.

				DATE: JUNE 26, 2019	SURVEYOR SIGNATURE BLOCK: TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON 					ENGINEER SIGNATURE BLOCK: 	PROJECT TITLE: IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT	DRAWING NO. NOTES-001
1	7-3-19	STAFF REVIEW		NOT TO SCALE							DRAWING TITLE: GENERAL NOTES	SHEET NO. 4
REV.	DATE	REVISION DESCRIPTION										



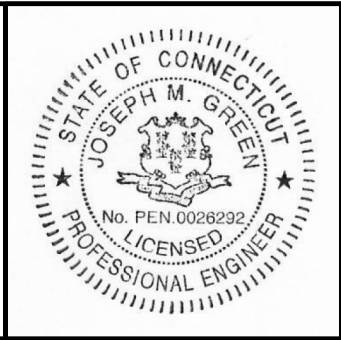
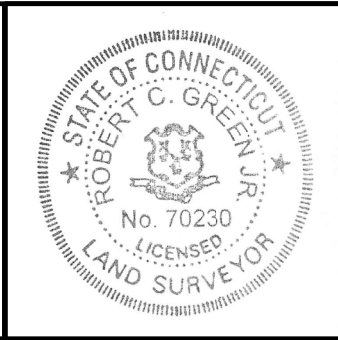
			DATE: JUNE 26, 2019	SURVEYOR SIGNATURE/BLOCK: TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. 			ENGINEER SIGNATURE/BLOCK: 	PROJECT TITLE: IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT	DRAWING NO. SD-001
1	7-3-19	STAFF REVIEW	SCALE: SCALE IN FEET 0 40 80 SCALE 1"=40'					DRAWING TITLE: OVERALL SITE DEVELOPMENT	SHEET NO. 5



1	7-3-19	STAFF REVIEW
REV.	DATE	REVISION DESCRIPTION

DATE:	JUNE 26, 2019
SCALE:	SCALE IN FEET SCALE 1"=20'
	0 20 40

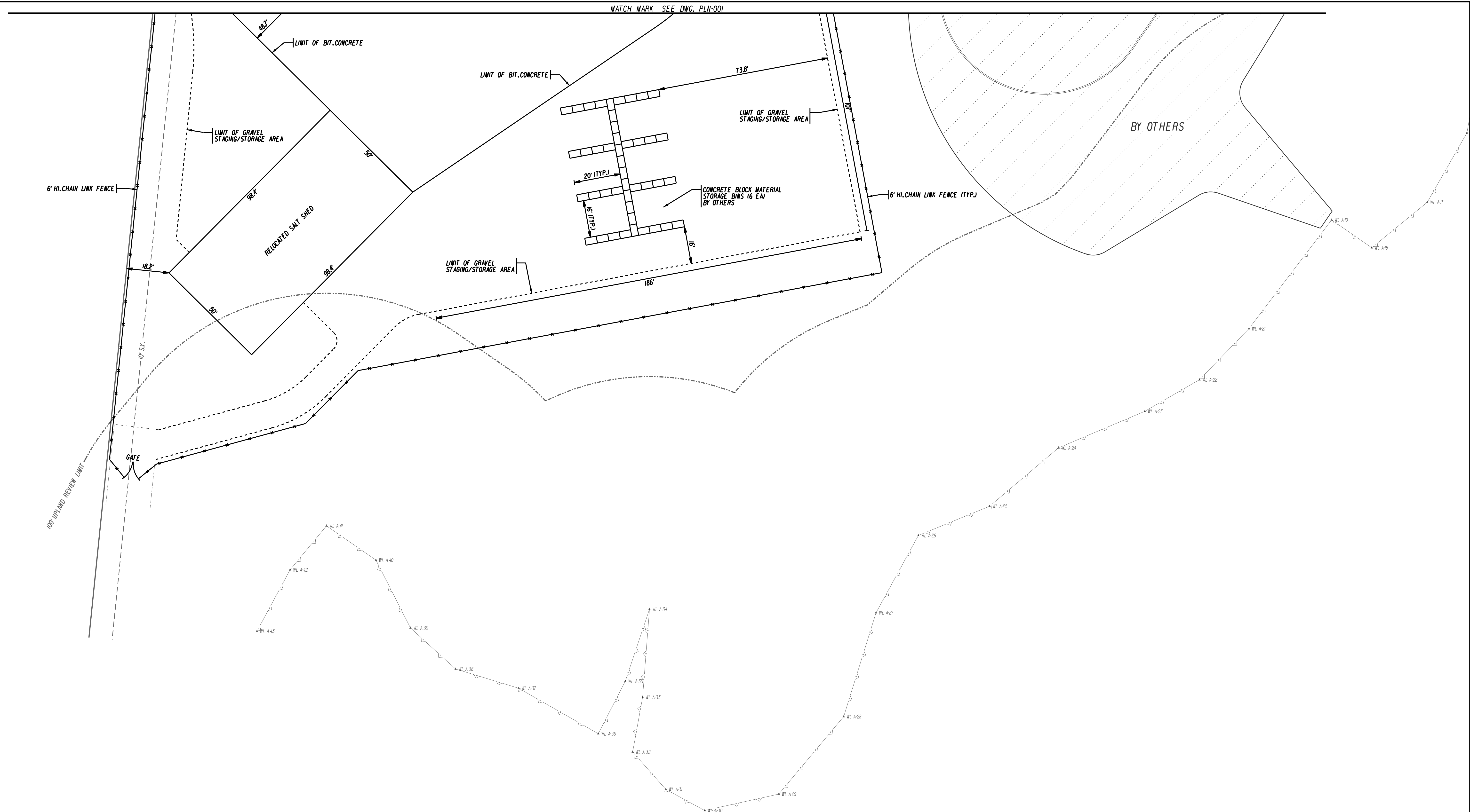
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RACB	

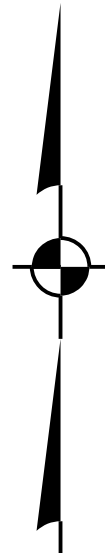


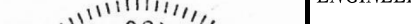




ENGINEER SIGNATURE/BLOCK:
Joseph M. Green

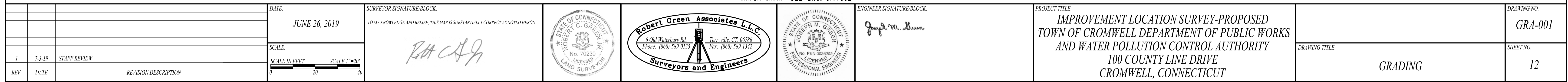
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IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT

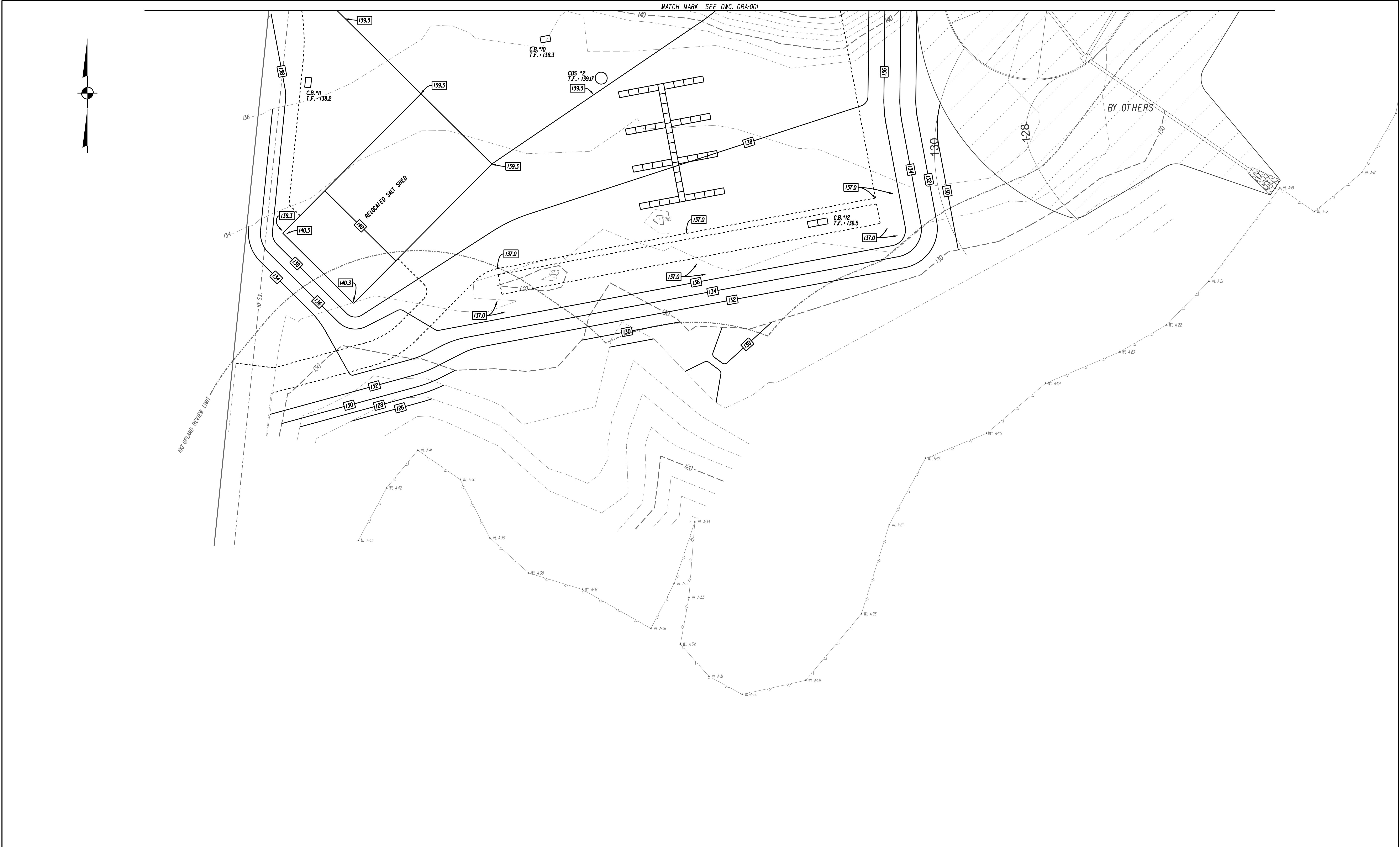
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DRAWING TITLE:	REMOVALS
SHEET NO.	7



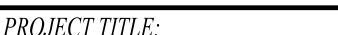



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			DATE: JUNE 26, 2019	SURVEYOR SIGNATURE/BLOCK: TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.				ENGINEER SIGNATURE/BLOCK: 	PROJECT TITLE: IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT	DRAWING NO. UTIL-002
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1	7-3-19	STAFF REVIEW								
REV.	DATE	REVISION DESCRIPTION								

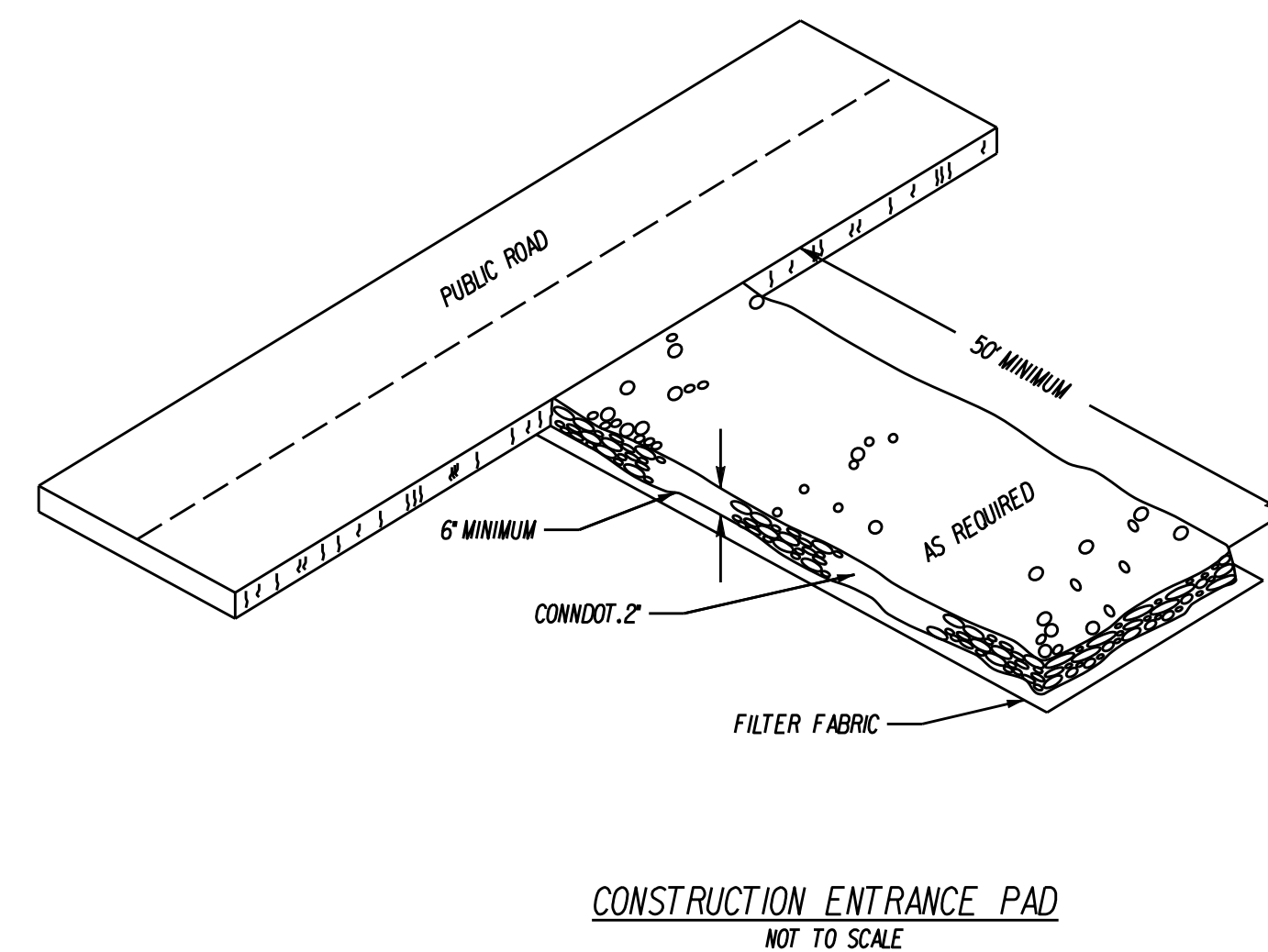
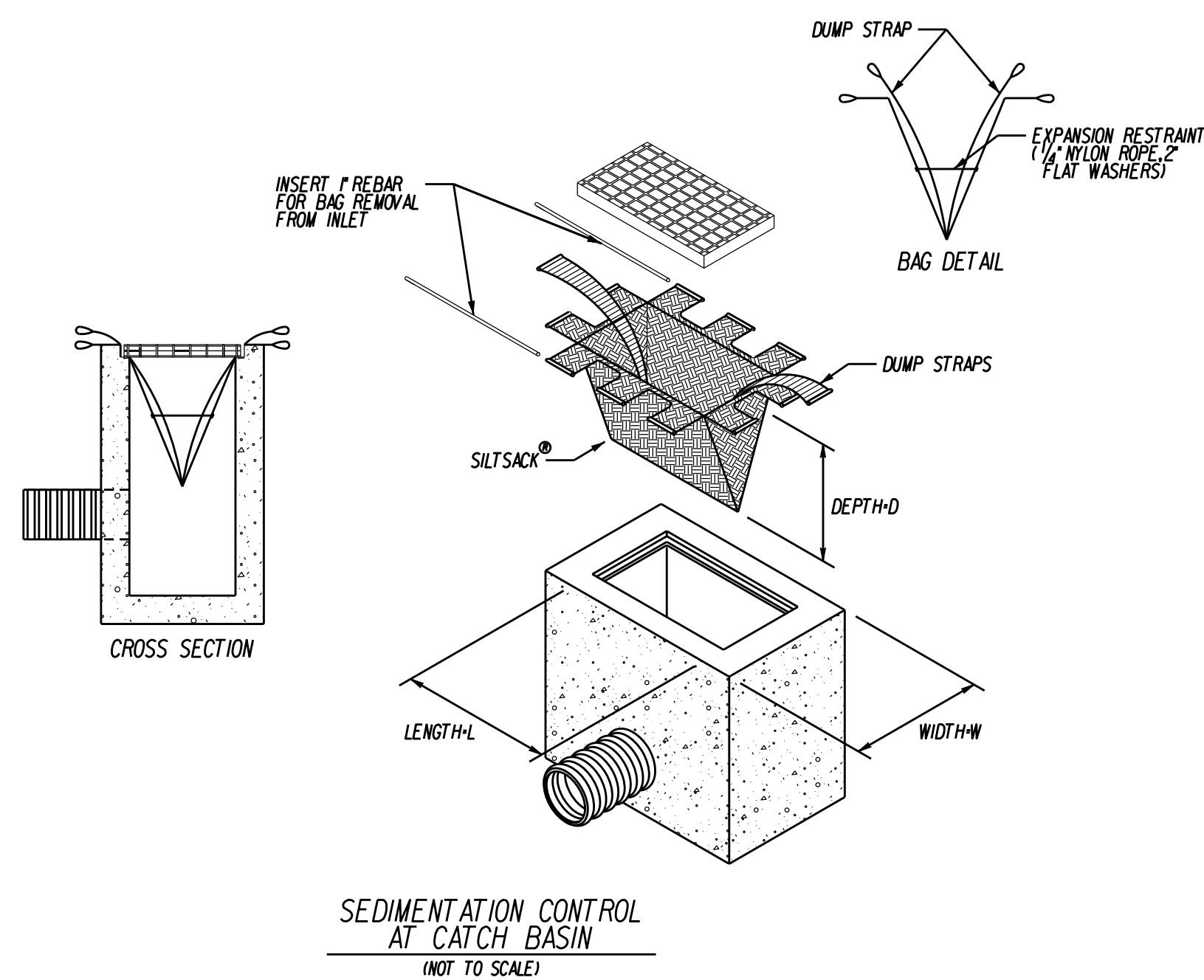
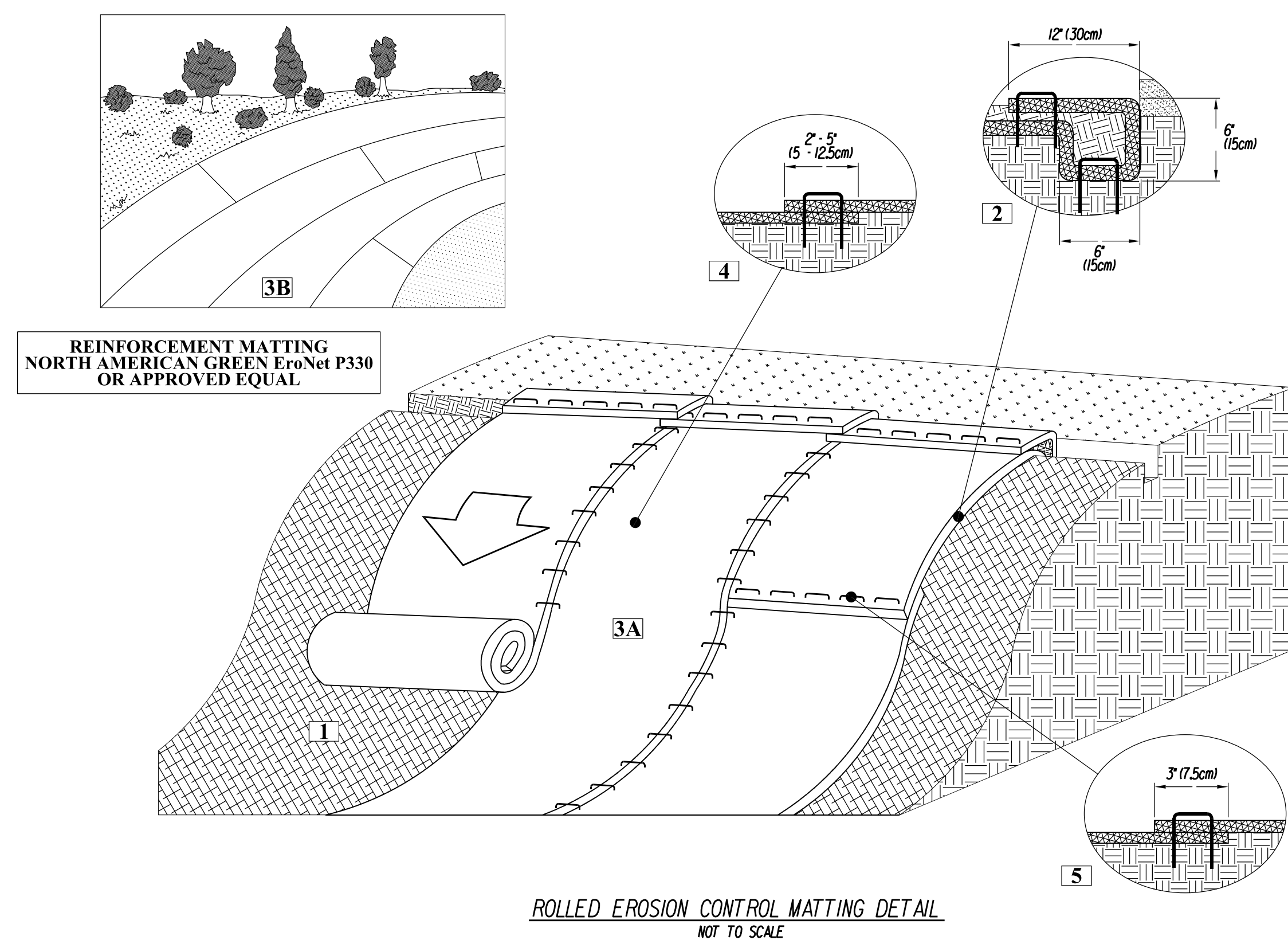
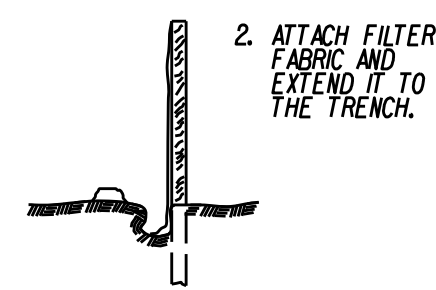





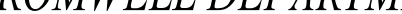


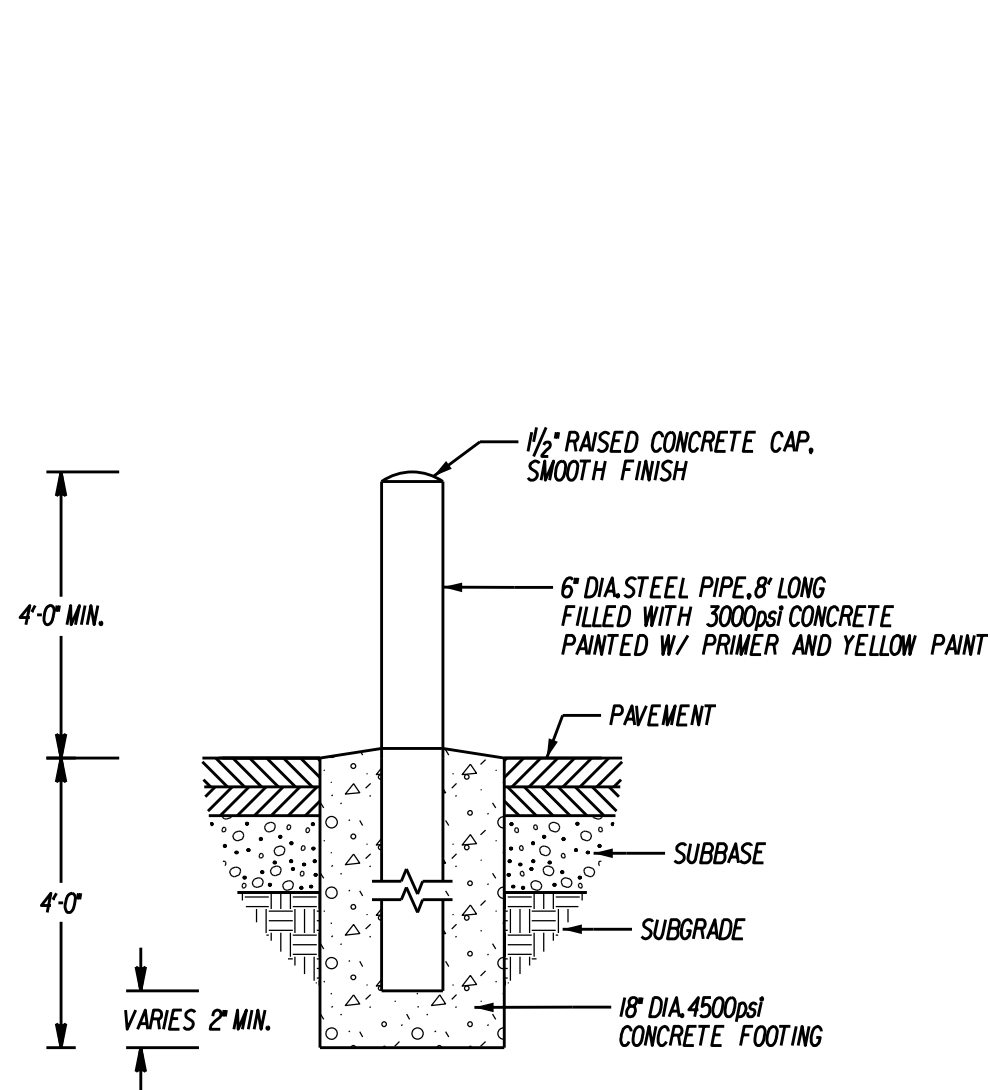
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1	7-3-19	STAFF REVIEW	SCALE: SCALE IN FEET 							DRAWING TITLE: GRADING
REV.	DATE	REVISION DESCRIPTION								



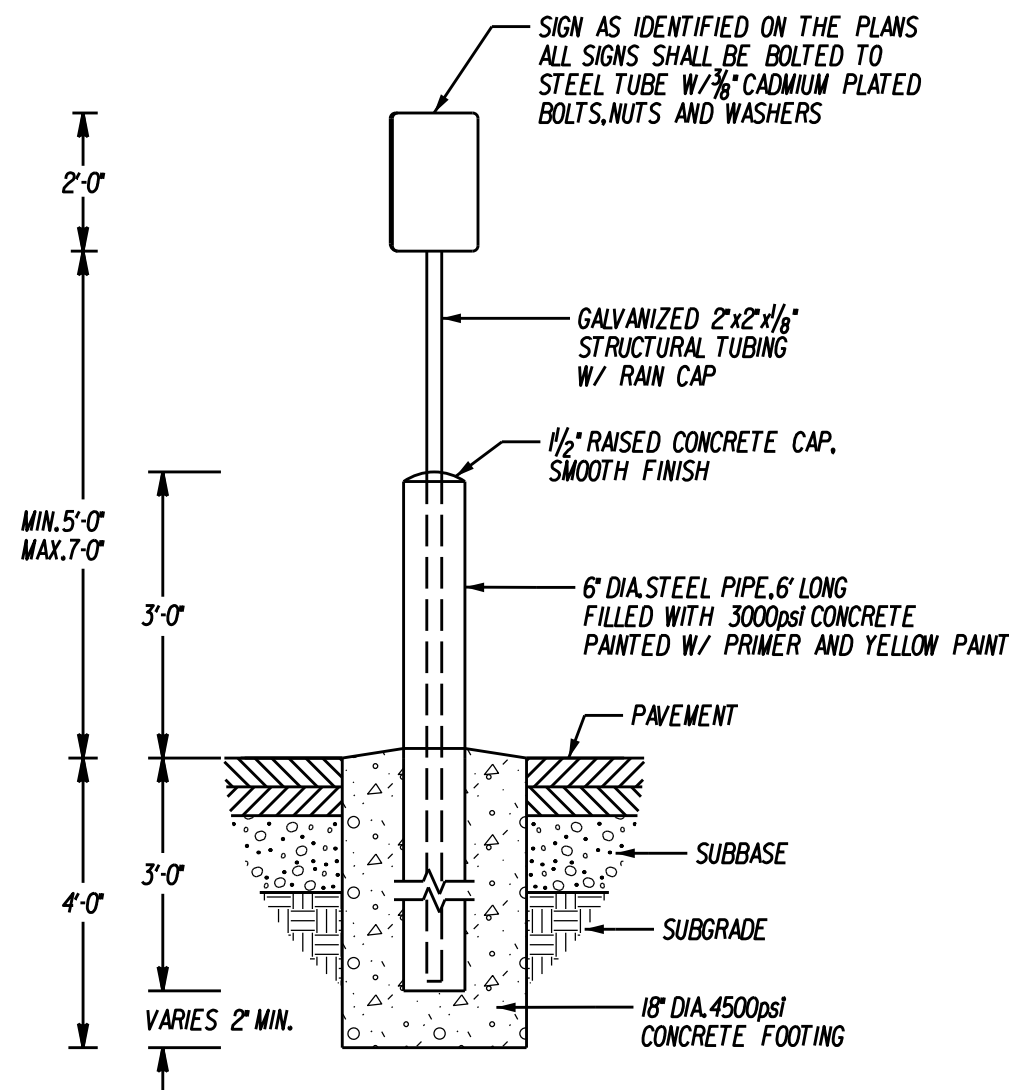
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			SCALE: SCALE IN FEET SCALE 1"=20' 						DRAWING TITLE:	SHEET NO.
1	7-3-19	STAFF REVIEW							EROSION AND SEDIMENTATION CONTROL	15
REV.	DATE	REVISION DESCRIPTION								



			DATE: JUNE 26, 2019	SURVEYOR SIGNATURE/BLOCK: TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. 			ENGINEER SIGNATURE/BLOCK: 	PROJECT TITLE: IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT	DRAWING NO. MISC-001
			SCALE: AS NOTED						
1	7-3-19	STAFF REVIEW							
REV.	DATE	REVISION DESCRIPTION							
								DRAWING TITLE: MISCELLANEOUS NOTES AND DETAILS	SHEET NO. 16



BOLLARD
NOT TO SCALE



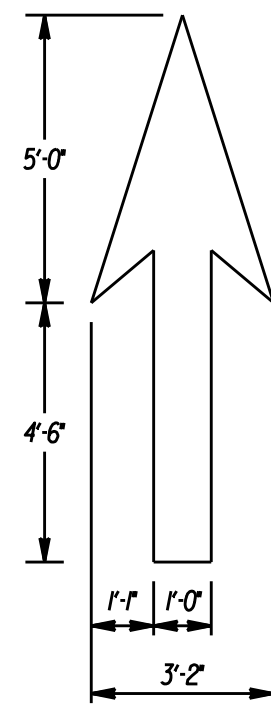
NOTES:

1. ALL STEEL POSTS AND BRACKETS SHALL BE CUT, BENT, AND HOLES PUNCHED AND DRILLED BEFORE GALVANIZING. GALVANIZING SHALL BE IN CONFORMANCE WITH CURRENT ASTM SPECIFICATION A23-78 (OR LATEST VERSION).
2. BOLTS SHALL NOT PROTRUDE MORE THAN 3/4\"/>

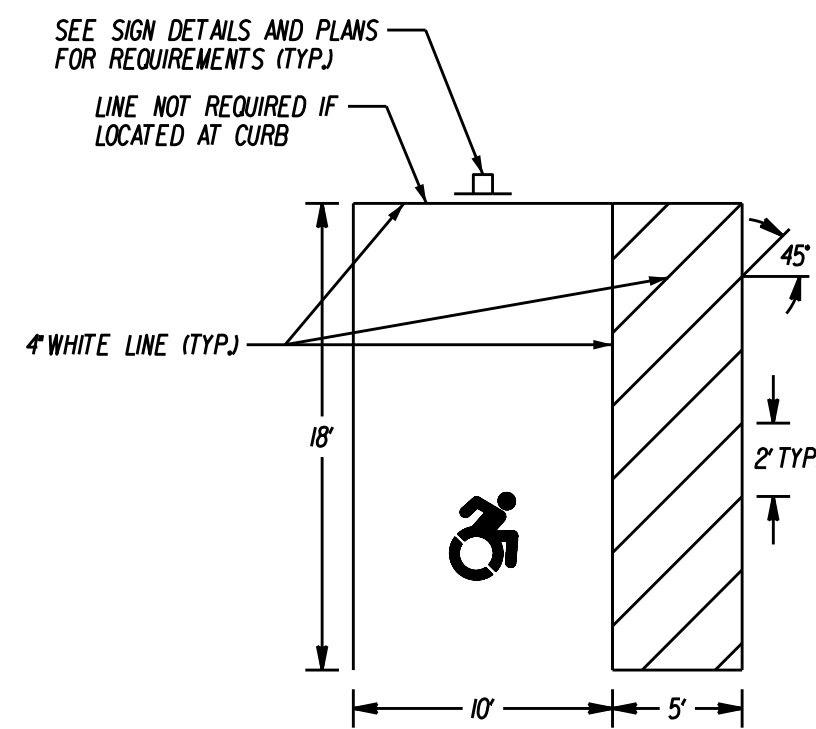
SIGN BOLLARD
NOT TO SCALE



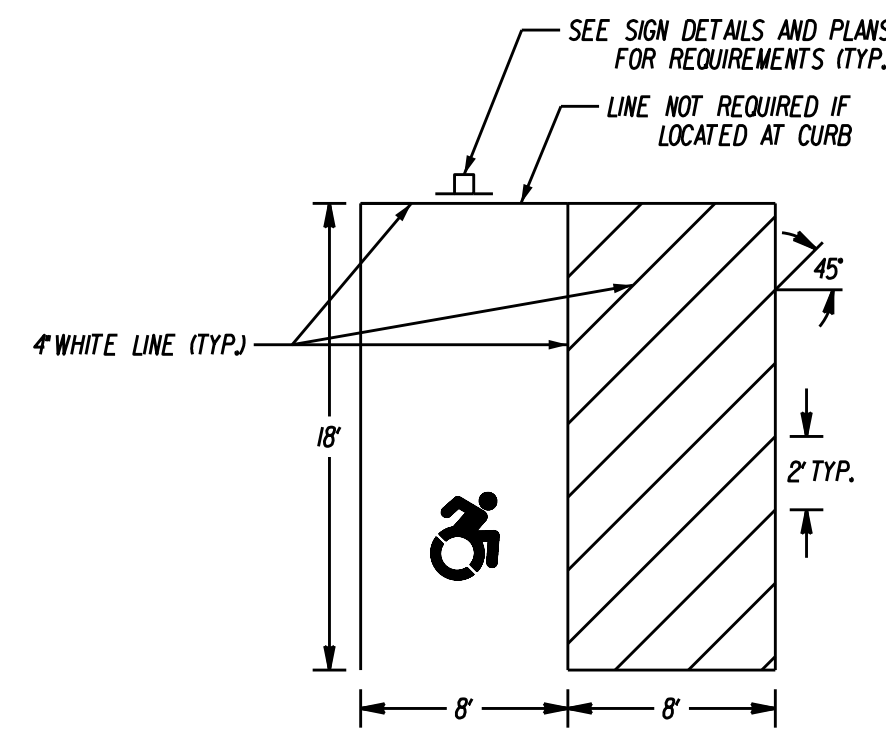
SYMBOL OF ACCESS PARKING SPACE MARKING
(TO COMPLY WITH CT.P.A.#16-78)
NOT TO SCALE



PAVEMENT ARROW DETAIL (WHITE)
NOT TO SCALE



NOTE: IF A CAR AND VAN SPACE SHARE A COMMON ACCESS AISLE, THAT AISLE SHALL BE 96 INCHES MINIMUM IN WIDTH



PARKING STALLS FOR HANDICAPPED
NOT TO SCALE

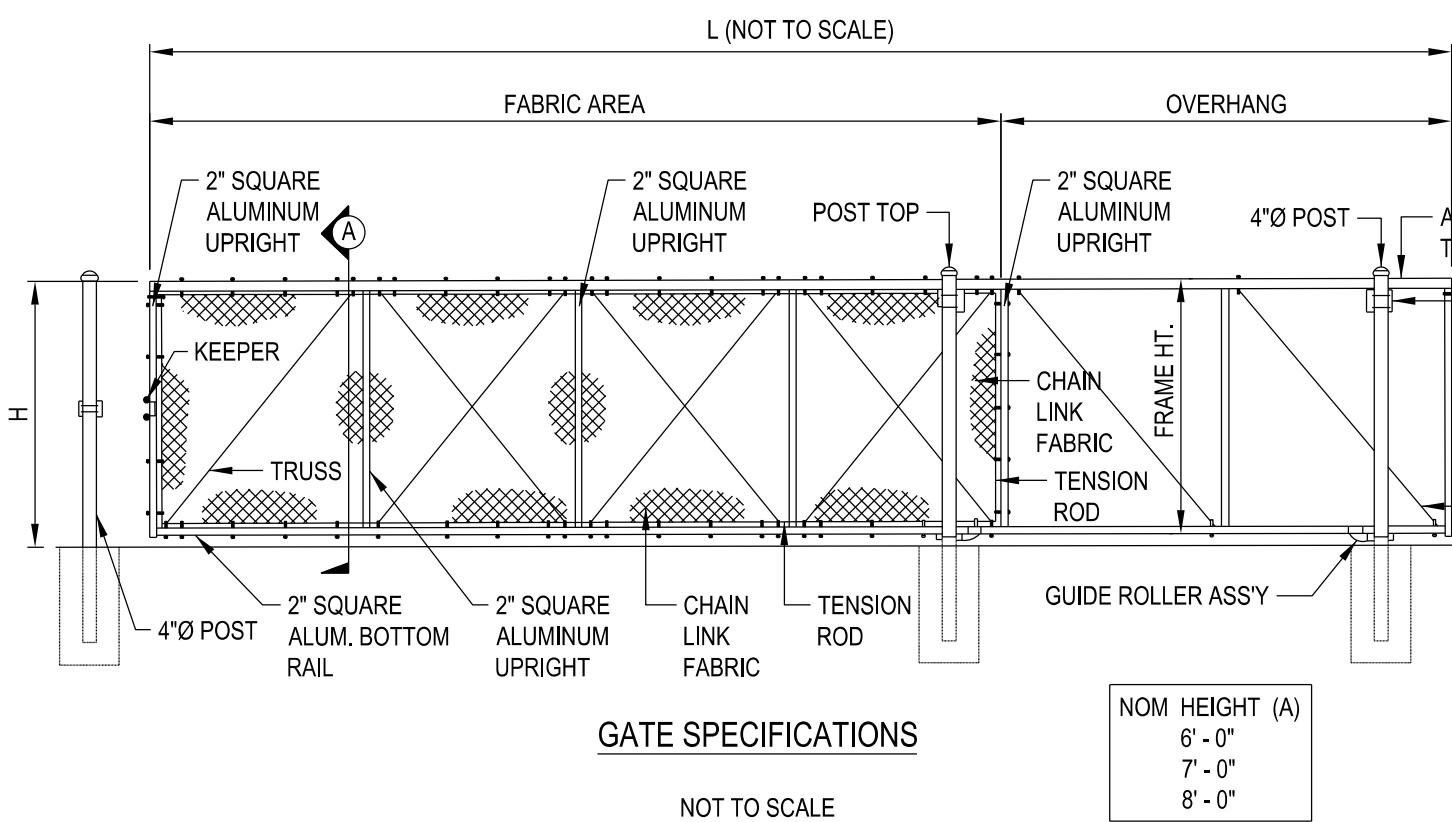
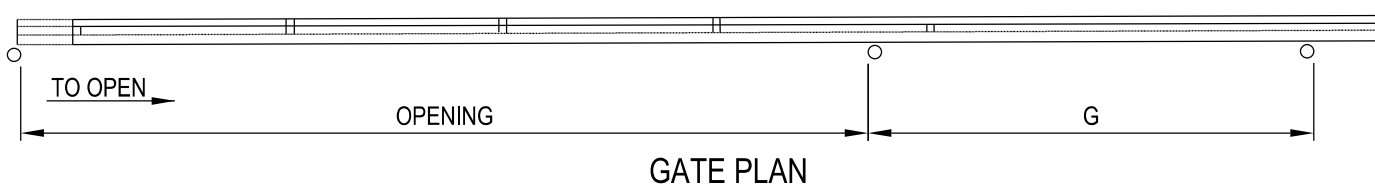
SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS

LEGEND - WHITE BACKGROUND - BLUE				
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	12X24		1	.080

AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
	12X6	31-0648		.080



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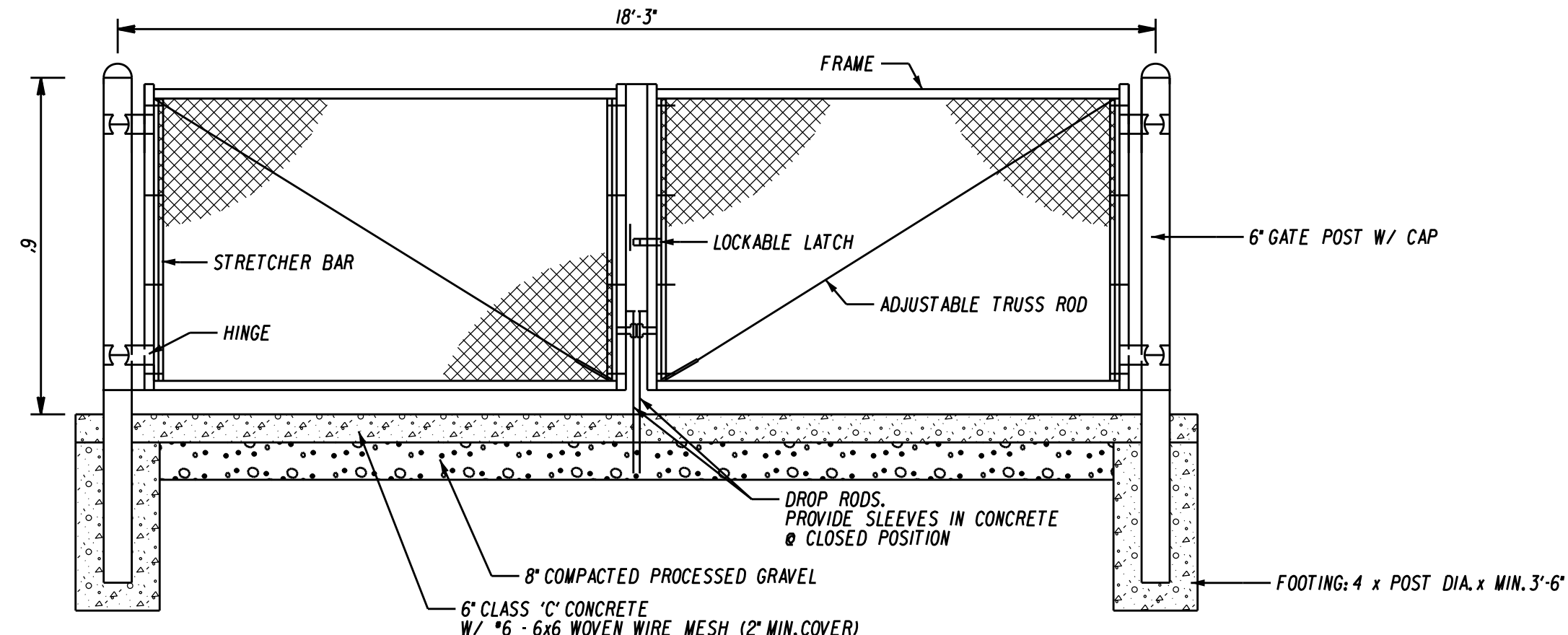
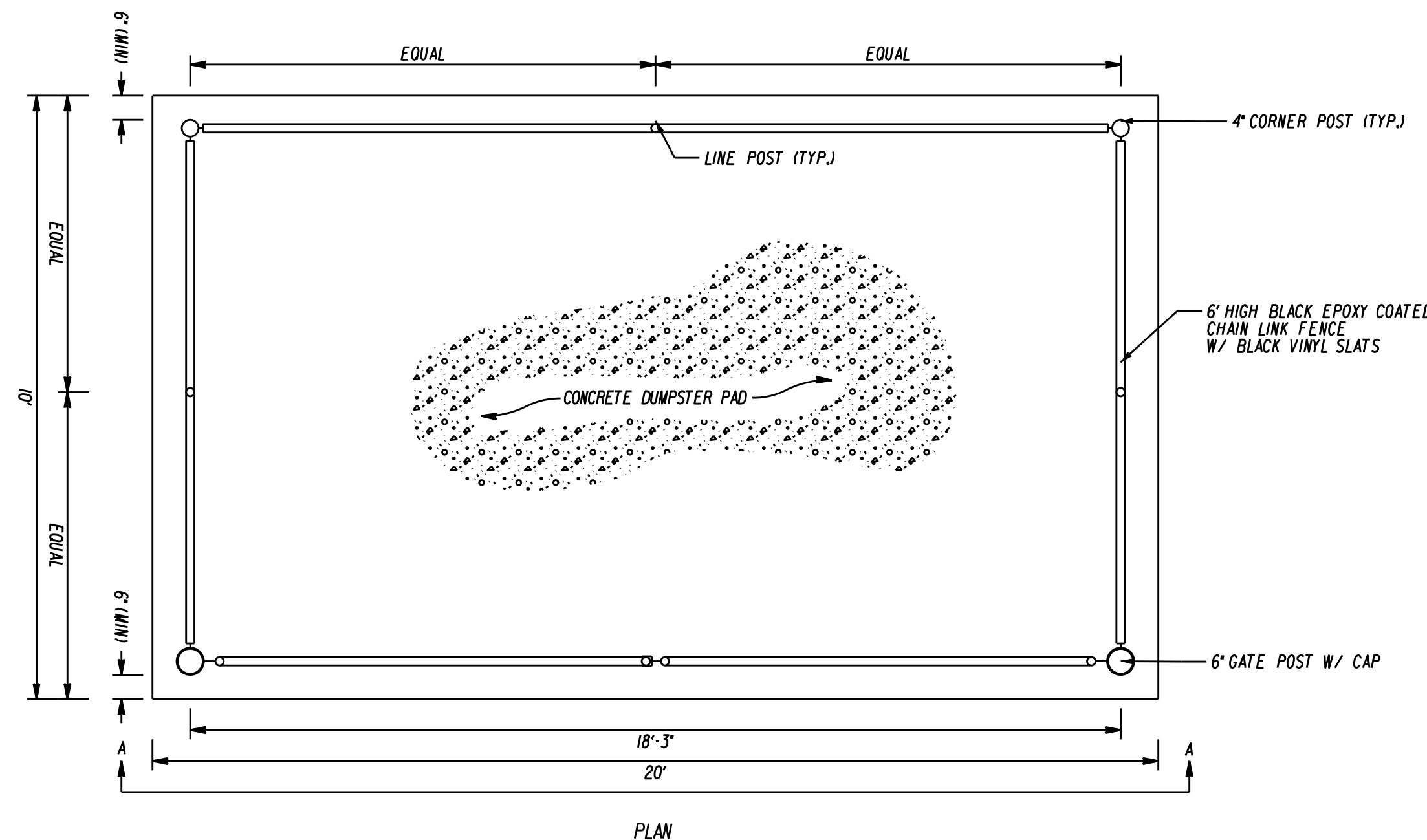
- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. SPECIFICATIONS SHOWN CAN BE CHANGED ONLY BY THE MANUFACTURER.
 4. FOOTING WIDTH TO BE (4) X POST WIDTH.
 5. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info REFERENCE NUMBER 2812-126.

CHAIN LINK FENCES & GATES
IRONWORLD EZ-SLIDER: CHAIN LINK, 23 FT. TO 30 FT. OPENING

2812-126

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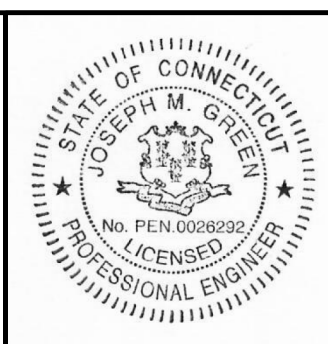
DUMPSTER PAD DETAIL
NOT TO SCALE

1	7-3-19	STAFF REVIEW	
REV.	DATE	REVISION DESCRIPTION	

DATE:	JUNE 26, 2019
SCALE:	AS NOTED

SURVEYOR SIGNATURE/BLOCK:
TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Robert Green



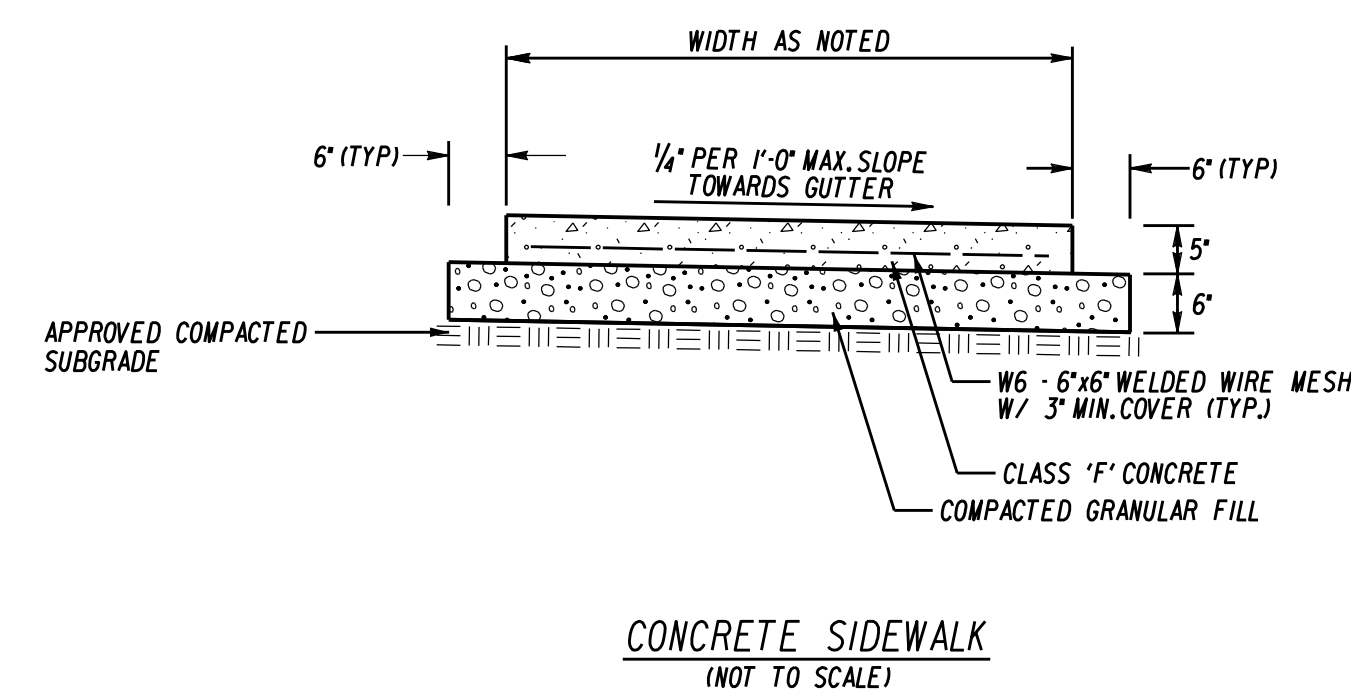
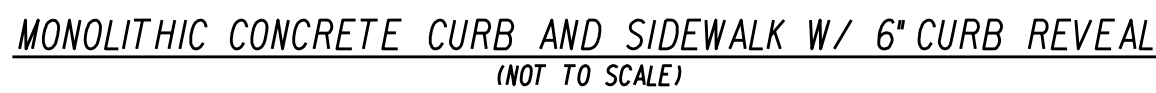
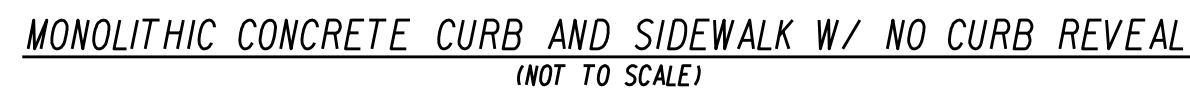
ENGINEER SIGNATURE/BLOCK:
Joseph M. Green

PROJECT TITLE:
IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT

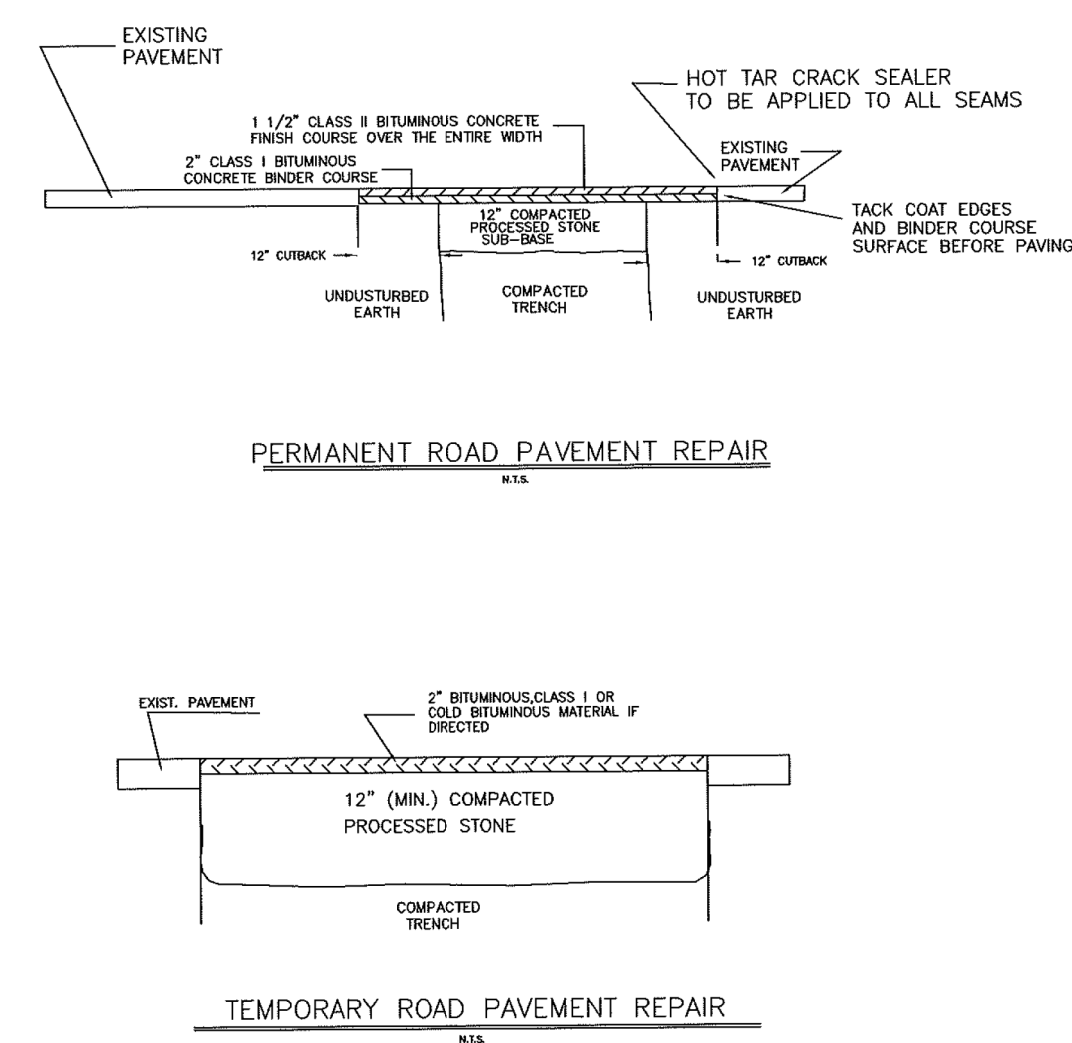
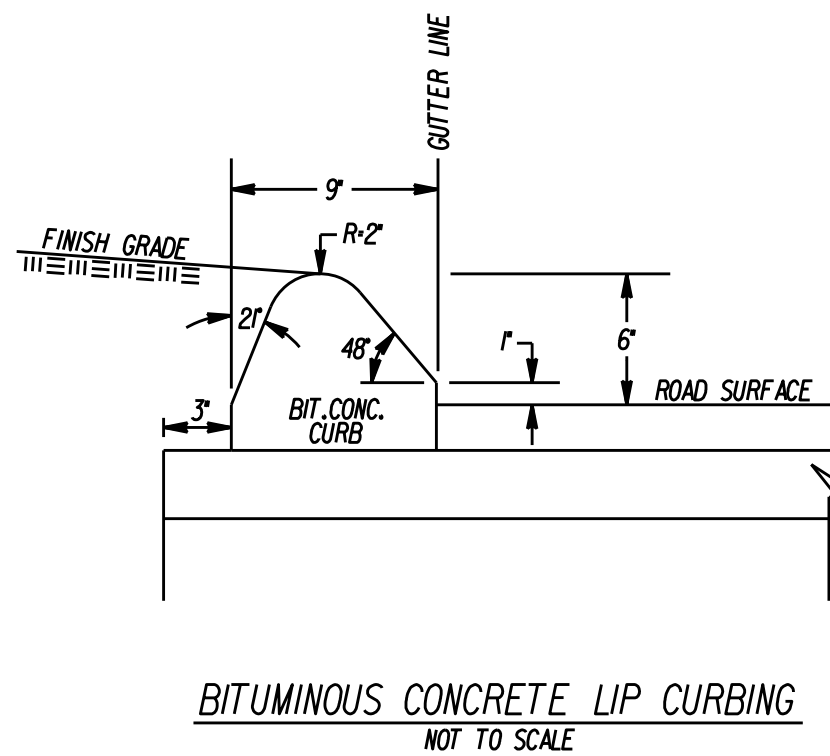
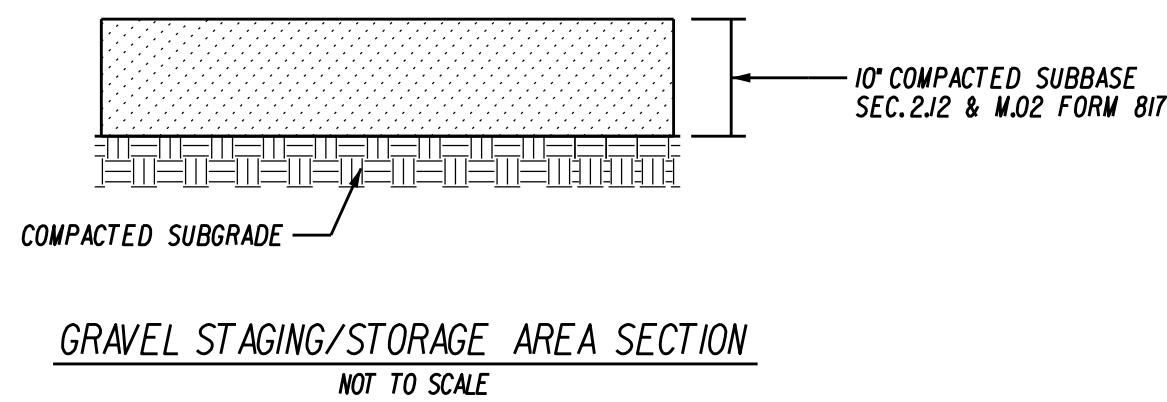
DRAWING TITLE:
MISCELLANEOUS NOTES AND DETAILS

DRAWING NO.
MISC-002

SHEET NO.
17



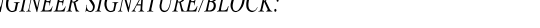



- NOTES:
1. PRELIMED WASTIC EXPANSION JOINTS SHALL BE PLACED AT MATCH JOINTS AND AT 20'-0" INTERVALS FOR CONTINUOUS POURS. JOINTS SHALL BE FULL DEPTH OF POUR AND 1 1/2" THICK.
 2. DUMMY JOINTS SHALL BE INSTALLED USING A JOINTING TOOL AS DIRECTED, PERPENDICULAR TO THE EDGE AT 5'-0" ON CENTER.
 3. CONCRETE SURFACE SHALL BE FINISHED WITH A WOOD FLOAT OR BY OTHER APPROVED MEANS AND A NON-SLIP LIGHT BROWN FINISH APPLIED PERPENDICULAR TO THE EDGE OF WALK.
 4. OUTSIDE EDGES AND ALL JOINTS SHALL BE EDGED WITH A 1/2" RADIUS EDGING TOOL.



- NOTES**
1. ALL EXISTING PAVEMENT TO BE SAW CUT.
 2. APPLY TACK COAT TO EDGES OF EXISTING PAVEMENT AND SURFACES OF PREVIOUSLY PLACED PAVEMENT, BEFORE LAYING NEW PAVEMENT.
 3. ALL SURFACE SEAMS ARE TO BE SEALED WITH HOT POURED TAR CRACK SEALER.
 4. 12" OF COMPACTED PROCESSED AGGREGATE SHALL BE PLACED IN TWO EQUAL LIFTS AND COMPACTED TO 95% MINIMUM COMPACTION FOR PERMANENT PAVEMENT REPAIR.
 5. PROCESSED AGGREGATE IS TO CONFORM TO SECTION M.05.01, COURSE AGGREGATE, OF CONNDOT FORM 814A.

		Scale: NTS	DEPARTMENT OF PUBLIC WORKS	TOWN ROADS PAVEMENT REPAIR DETAILS
		Sheet: PAVEREPR		
		Drawn By: REN		
No. Date	Description	Checked By: JSM		
	Revisions	Date: 3/1/2001		

			DATE:	SURVEYOR SIGNATURE BLOCK:			ENGINEER SIGNATURE BLOCK:			PROJECT TITLE:			DRAWING NO.		
			JUNE 26, 2019	TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. 			  			IMPROVEMENT LOCATION SURVEY-PROPOSED TOWN OF CROMWELL DEPARTMENT OF PUBLIC WORKS AND WATER POLLUTION CONTROL AUTHORITY 100 COUNTY LINE DRIVE CROMWELL, CONNECTICUT			MISC-003		
1	7-3-19	STAFF REVIEW	SCALE: AS NOTED												
REV.	DATE	REVISION DESCRIPTION													
										DRAWING TITLE:			SHEET NO.		
										MISCELLANEOUS NOTES AND DETAILS			18		

