Invenergy

November 2, 2016

Transmittal No: CREC - 002

Joseph Raymond 144 Harrisville Main Street Harrisville, RI 02830

Subject: Clear River Energy Center (CREC) - Building Drawing Package

Dear Mr. Raymond,

To supplement our October 17, 2016 transmittal of building drawings for the CREC, enclosed you will find the drawing plans for the preliminary Soil Erosion and Sedimentation Control SESC) Plan for your review. A list of the drawings included in this package is enclosed.

Please feel free to reach out me via email should you have any questions or concerns at jniland@Invenergyllc.com.

Regards,

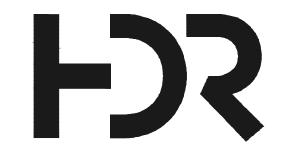
John Niland

CC: Amit Nadkarni Alan Shoer (APS)

Information Provided for Building Inspector Review

SESC Permit Package

Drawing Number	Drawing Title
01C900	SESC Permit Package Cover
01C901	Legend
01C902	SESC Notes
01C903	SESC Existing Conditions and Constraints Map
01C904	SESC Plan Phase I
01C905	SESC plan Phase II
01C906	SESC Plan Phase III
01C907	SESC Plan Phase IV
01C908	SESC Details
01C909	SESC Details
01C910	SESC Details
01C911	SESC Details





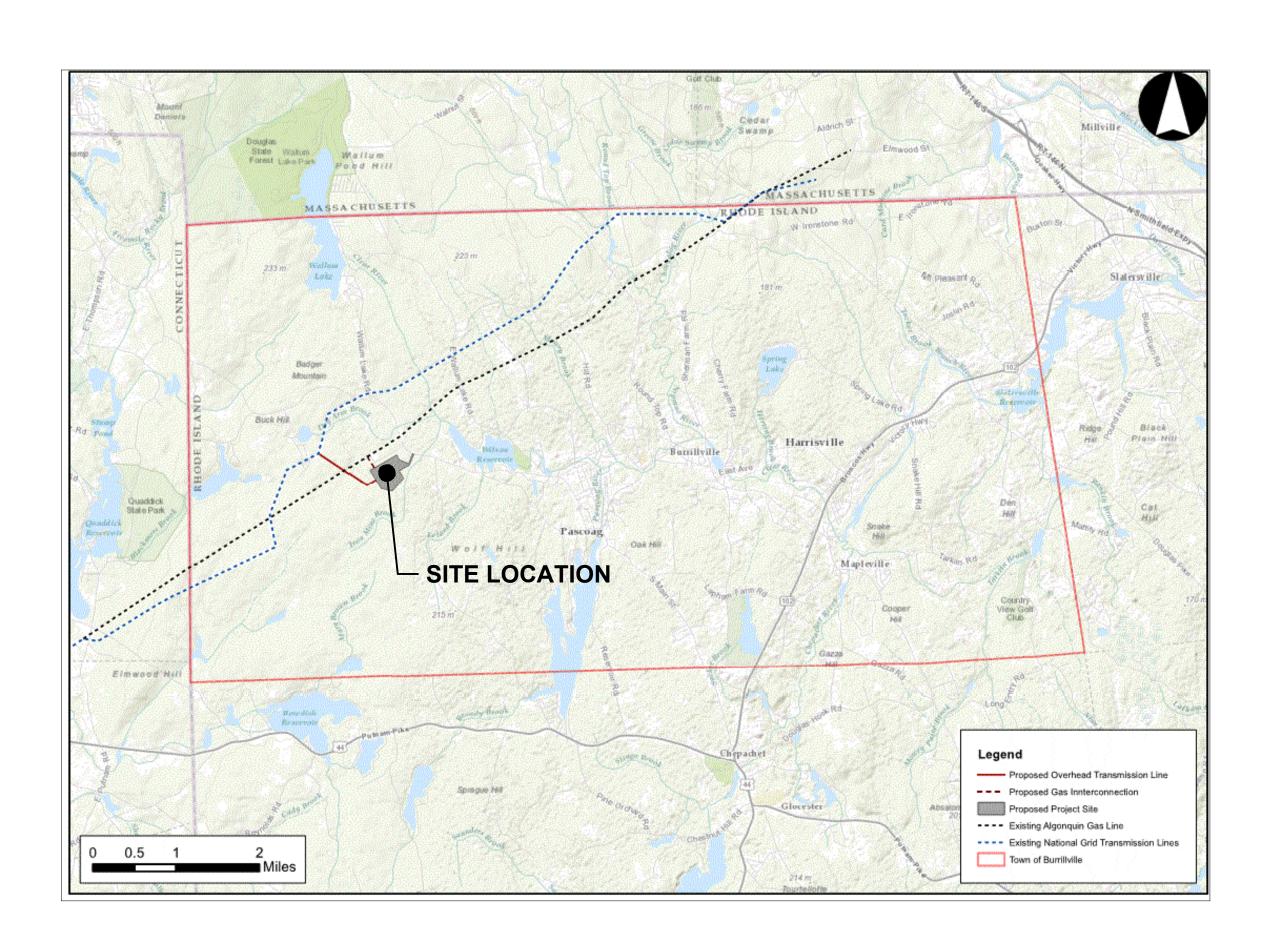
Drawing Package For

SESC Permit Package

Clear River Energy LLC

Project No. 000000000238926

Burrillville, Rhode Island September, 2016



INDEX OF DRAWINGS

EROSION CONTROL 01C900 COVER 01C901 LEGEND 01C902 SESC NOTES 01C903 SESC EXISTING CONDITIONS AND CONSTRAINTS MAP 01C904 SESC PLAN PHASE I

 01C904
 SESC PLAN PHASE I

 01C905
 SESC PLAN PHASE I

 01C906
 SESC PLAN PHASE I

 01C907
 SESC PLAN PHASE I

 01C908
 SESC DETAILS

 01C909
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 01C910
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 01C911
 SESC DETAILS

UTILITY/CIVIL LINE SYMBOLOGY CIVIL MAPPING SYMBOLOGY ---- PROPERTY LINE SETBACK SILT FENCE INLET PROTECTION DIRECTION OF OVERLAND FLOW ---500-- Existing contour elevations DURING & AFTER MASS GRADING ----- LOD ------ LIMITS OF DISTURBANCE DIRECTION OF OVERLAND FLOW W/ GRADE (SILT FENCE INSTALLATION, SEE NOTE ABOVE) SB SEDIMENT BASIN WETLAND CE TEMPORARY STONE CONSTRUCTION EXIT - WETLAND BUFFER DB TEMPORARY DIVERSION DITCH/BERM ---- EXISTING STREAM EXISTING STREAM BANK OP1 OUTLET PROTECTION RIP-RAP PAD (FOR SIZE SEE DETAIL) — — 100' STREAM BUFFER 200' STREAM BUFFER HYDROCAD REFERENCE NODE FOR CALCS --- --- RIGHT OF WAY WETLAND DRAINAGE AREAS ---- > ---- DRAINAGE PATHS SPECIAL AQUATIC SITE TREELINE PROPOSED STORM STRUCTURE EXISTING POINT OF DISCHARGE PROPOSED POINT OF DISCHARGE LIMITS OF DRAINAGE SUB-BASIN EXISTING LIGHT POLE EXISTING SIGN **GENERAL NOTES:** 1. THIS IS A STANDARD CIVIL SYMBOLOGY SHEET. ALL SYMBOLS ARE NOT NECESSARILY USED ON THIS PROJECT. 2. SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS OR TO DE-EMPHASIZE PROPOSED IMPROVEMENTS TO HIGHLIGHT SELECTED TRADE WORK. REFER TO CONTEXT OF EACH SHEET FOR USAGE.

	PROJECT MANAGER	C. JACOBS
8/17/2016 SOIL EROSION SEDIMENT CONTROL PLAN		
ISSUE DATE DESCRIPTION	PROJECT NUMBER	000000000238926

CLEAR RIVER ENERGY CENTER TOWN OF BURRILLVILLE, PROVIDENCE COUNTY, RHODE ISLAND



01C901

LEGEND

- 1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS
- 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- 4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- 5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT
- TEMPORARY SEDIMENT BASINS SHALL HAVE SEDIMENT REMOVED SEMI-ANNUALLY (TWICE A YEAR) OR IF SEDIMENT REACHES THE TOP OF THE STONE RESTING PAD FOR THE FAIRCLOTH SKIMMERS.

SEQUENCE OF CONSTRUCTION

PHASE I SHEET 01C904

- 1. INSTALL TEMPORARY STONE CONSTRUCTION EXIT.
- 2. INSTALL ORANGE CONSTRUCTION SAFETY FENCING ALONG THE LIMITS OF DISTURBANCE TO DEFINE CONSTRUCTION ZONE AND PROTECT ADJACENT VEGETATION/WETLANDS.
- 3. INSTALL THE SILT FENCES AND CONCRETE WASHOUT PIT.
- 4. PREPARE TEMPORARY PARKING AND STORAGE AREA.

<u>"HALT"</u>

PERFORM INSPECTION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

5. CONSTRUCT TEMPORARY SEDIMENT/DETENTION BASIN "A", DIVERSION DITCHES, OUTLET STRUCTURES, OUTLET PROTECTIONS AND SEED BASIN.

PHASE II SHEET 01C905

- 1. CLEAR AND GRUB THE SITE.
- 2. STRIP TOPSOIL AND STOCKPILE IN LOCATION SHOWN ON PLANS. INSTALL TEMPORARY SEEDING ON STOCKPILE AT END OF TOPSOIL STRIPPING ACTIVITIES.
- 3. CONSTRUCT SEDIMENT/DETENTION BASIN "B". OUTLET STRUCTURE AND OUTLET PROTECTION. SEED BASIN. CONSTRUCT DIVERSION DITCH/CONTAINMENT BERM. STORM RUNOFF WILL BE DIVERTED TO BASIN B AS THE SITE GRADING PROGRESSES TO FACILITATE THE EVENTUAL REMOVAL OF BASIN "A".
- 4. BEGIN GRADING THE SITE. TEMPORARY SEDIMENT BASIN "A" SIZE WILL BE REDUCED AS GRADING DIVERTS RUNOFF TO BASIN B THROUGH THE NEW DIVERSION DITCH. MOVE DITCH TO THE EAST AS NEEDED TO FACILITATE MASS GRADING. ONCE RUNOFF FROM AREAS THAT WERE ENTERING SEDIMENT BASIN A HAVE BEEN DIVERTED TO BASIN B, BASIN A CAN BE REMOVED TO FACILITATE FINAL MASS GRADING OF THE SITE.
- 5. BEGIN CONSTRUCTION OF RETAINING WALLS AND ENTRANCE ROAD CONSTRUCTION.

PHASE III SHEET 01C906

- INSTALL STORM DRAINAGE SYSTEM. INSTALL INLET PROTECTIONS AROUND ALL STORM SEWER STRUCTURES AS THEY ARE INSTALLED.
- 2. INSTALL UTILITIES AND BEGIN BUILDING PAD CONSTRUCTION.
- 3. PERFORM FINISH GRADING.
- 4. INSTALL PERMANENT SEEDING ON ALL PERIMETER AREAS.
- 5. INSTALL GRAVEL STABILIZATION TO ALL AREAS AS FINISH GRADING IS COMPLETED IN PREPARATION FOR PAVING.

PHASE IV SHEET 01C907

- PAVE SITE.
- 2. INSTALL INLET PROTECTION DEVICES IN PAVED AREAS. USE INLET FILTERS FOR ALL INLETS.
- 3. COMPLETE FINISH GRADING AND INSTALL PERMANENT SEEDING, SODDING AND PLANTING.
- 4. CONVERT BASIN "B" INTO FINAL WATER QUALITY/DETENTION BASIN.
- REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED AND APPROVED BY CONSTRUCTION MANAGER AND GOVERNING
- DISTRIBUTE REMAINING TOPSOIL STOCK PILE OVER STAGING AREAS NOT TO REMAIN. INSTALL PERMANENT SEEDING.
- 7. CLEAN UP CONSTRUCTION STAGING AREA TO REMAIN FOR FUTURE USE AND TOP DRESS WITH GRAVEL WHERE NEEDED.

GENERAL EROSION NOTES

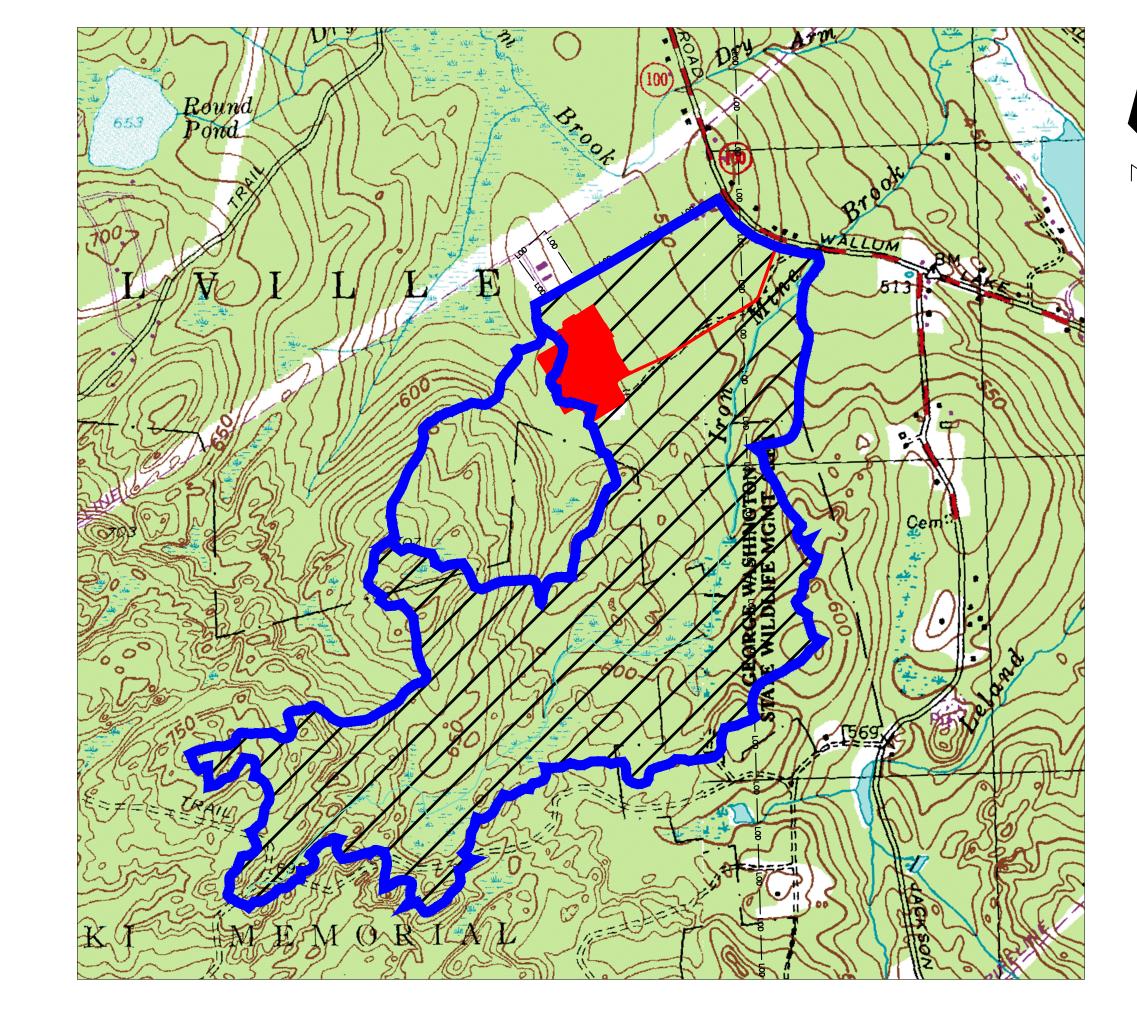
- A. THE STORM WATER POLLUTION PREVENTION PLAN IS COMPRISED OF SHEETS SESC 1 "EXISTING CONDITIONS AND CONTRAINT MAP", SESC 2 "PHASE I EROSION AND SEDIMENT CONTROL PLAN/SITE MAP", SESC 3 " PHASE II EROSION AND SEDIMENT CONTROL SITE MAP", SESC 4 " PHASE III EROSION AND SEDIMENT CONTROL SITE MAP", SESC 5 " PHASE IVI EROSION AND SEDIMENT CONTROL SITE MAP", SESC 6 "EROSION AND SEDIMENTATION CONTROL DETAILS", THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE WRITTEN STORM WATER POLLUTION PREVENTION PLAN ("SWPPP"), PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF RHODE ISLAND NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY SITE CONDITIONS ENCOUNTERED AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES
- D. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- E. SEE SITE MAP FOR DELINEATION OF ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT. ALL WORK SHALL REMAIN WITHIN THE LIMITS OF DISTURBED SHOWN ON THE PLANS. ANY WORK OUTSIDE THE LIMIT OF DISTURBANCE MUST BE APPROVED BY THE APPROPRIATE GOVERNING AGENCIES BEFORE ANY DISTURBANCE OUTSIDE THE LIMITS OF DISTURBANCE OCCURS.
- G.) GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- H. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED ONSITE AND PROPERLY TREATED OR DISPOSED OF IN ACCORDANCE WITH THE APPROPRIATE GOVERNING REGULATIONS.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- K. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- L. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 21 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN FOR DETAILS.
- O. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- P. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- Q. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE TEMPORARY SEDIMENT BASIN, THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- R. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- S. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- T. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, DIVERSION DITCHES, ETC.) TO PREVENT EROSION.
- U. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

CAUTION NOTICE TO CONTRACTOR

IF PROPERLY IMPLEMENTED, THIS PLAN WILL PROVIDE AN EFFECTIVE MEANS FOR CONTROLLING EROSION. HOWEVER, IT IS ACKNOWLEDGED THAT NO ONE PLAN CAN BE PREPARED THAT WILL DEPICT ALL POSSIBLE CONTROL MEASURES NECESSARY FOR VARIOUS STAGES OF CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE IN THE BASE BID ADEQUATE FUNDS TO PROVIDE ALL EROSION CONTROL MEASURES NECESSARY TO COMPLY WITH CODES FOR THE DURATION OF THE CONSTRUCTION PROJECT.

SPECIFICATION REQUIREMENTS

THE REQUIREMENTS SHOWN ON THIS PLAN ARE SUPPLEMENTED BY THE SWPPP CONTAINED WITHIN THE PROJECT SPECIFICATIONS. IN CASE OF CONFLICTS BETWEEN THE PLANS, SWPPP SPECIFICATIONS AND THE ACTUAL GENERAL PERMIT, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.



SOIL EROSION/SEE	IME	NTA	TIOI	N C	ON.	TRO	L C	PER	RATI	ON	TIM	1E :	SCH	IEDU	JLE			
NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE																		
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
INSTALL TEMP. CONSTRUCTION ENTRANCE																		
INSTALL CONSTRUCTION LIMIT OF DISTURBANCE FENCING																		
INSTALL SILT FENCES AND CONCRETE WASHOUT PIT																		
INSPECTION BY GOVERNING AGENCY (IF REQ'D)																		
CONSTRUCT CONSTRUCTION STAGING AREA																		
CONSTRUCT TEMP. SEDIMENT BASIN "A" AND OUTLET																		
STRIP & STOCKPILE TOPSOIL, BEGIN MASS GRADING																		
CONSTRUCT TEMP. SEDIMENT BASIN "B" AND OUTLET																		
REMOVE SEDIMENTATION POND "A"																		
BEGIN CONSTRUCTION OF RETAINING WALLS																		
BEGIN CONSTRUCTION OF ENTRANCE ROAD																		
INSTALL UTILITIES AND STORM SEWER SYSTEM																		
BEGIN BUILDING PAD CONSTRUCTION																		
INSTALL RETAINING WALLS																		
INSTALL RIP RAP ON OUTLETS AND INLET PROTECTION																		
PREPARE SITE FOR PAVING																		
FINISH GRADING OF SITE																		
LANDSCAPING/SEED/SOD/FINAL STABILIZATION																		
CONVERT BASIN "B" INTO WATER QUAL/DETENTION BASIN																		
REMOVE TEMP. EROSION AND SED. CONTROL DEVICES																		

ACREAGE SUMMARY in ACRES

IMPERV. AREA 17.18 AC± SEEDED AREA 17.96 AC± 35.14 AC± TOTAL DISTURBED

TEMPORARY SEEDING SEED: MIXTURE 70% RYEGRASS/ 30% WINTER WHEAT - 4 LBS/

PERMANENT SEEDING SEED: KY 31 FESCUE @ 6 LBS./

1000 S.F.

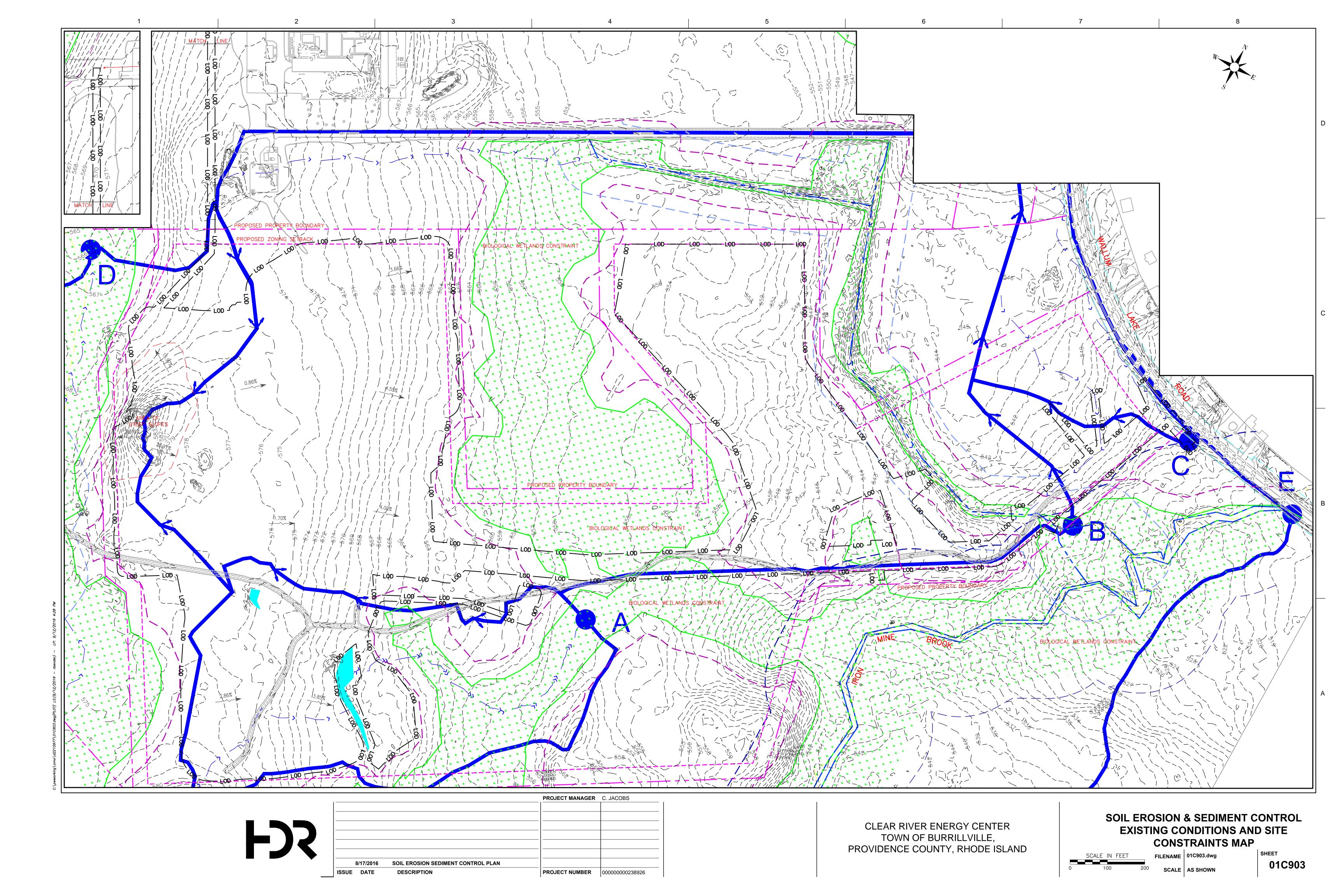
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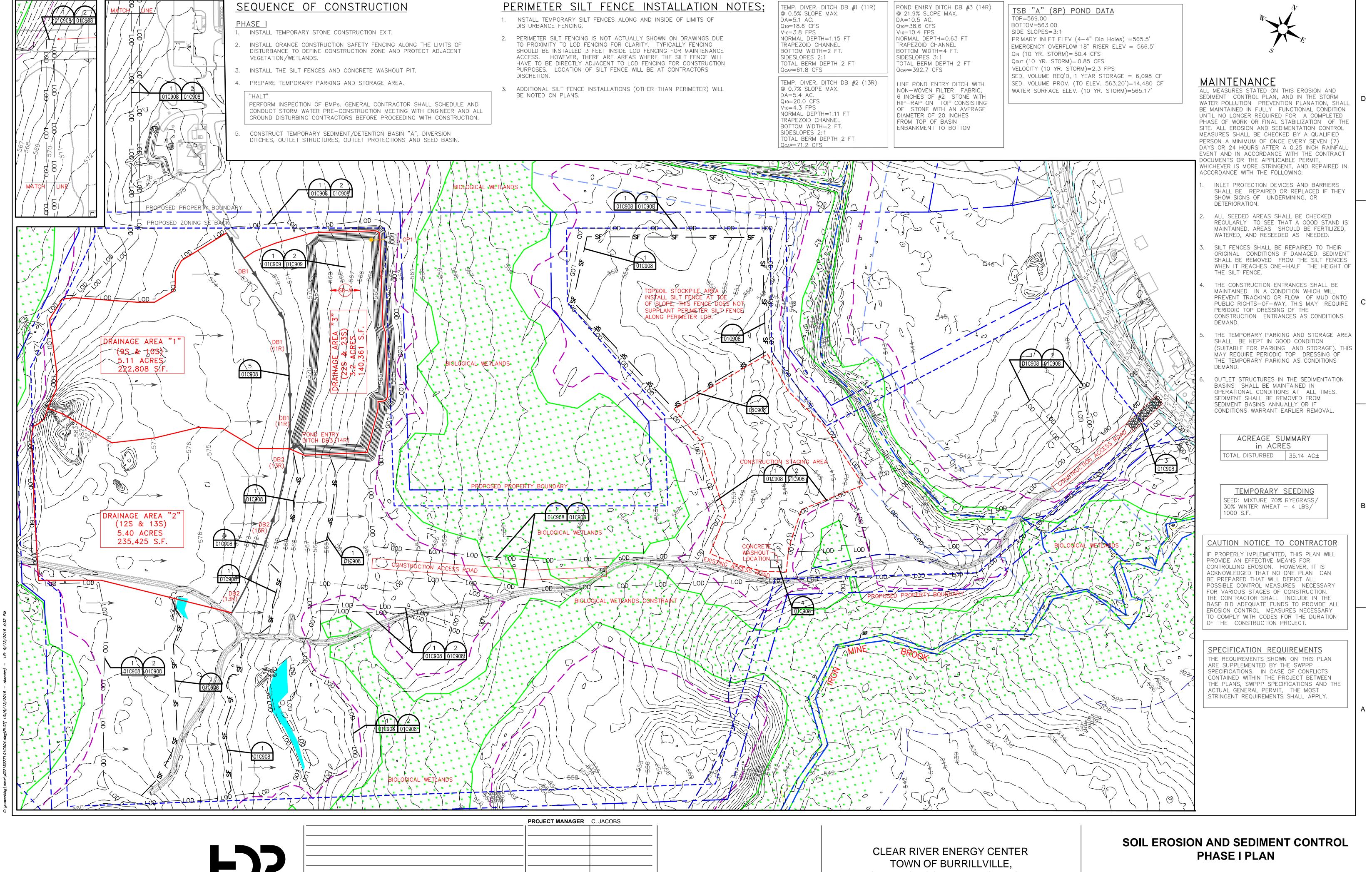
	PROJECT MANAGER	C. JACOBS
8/17/2016 SOIL EROSION SEDIMENT CONTROL PLAN		
ISSUE DATE DESCRIPTION	PROJECT NUMBER	00000000238926

CLEAR RIVER ENERGY CENTER TOWN OF BURRILLVILLE, PROVIDENCE COUNTY, RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL NOTES

FILENAME | 01C902.dwg SCALE IN FEET SCALE | NONE

SHEET 01C902





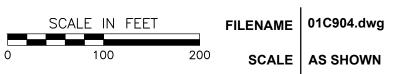
SOIL EROSION SEDIMENT CONTROL PLAN

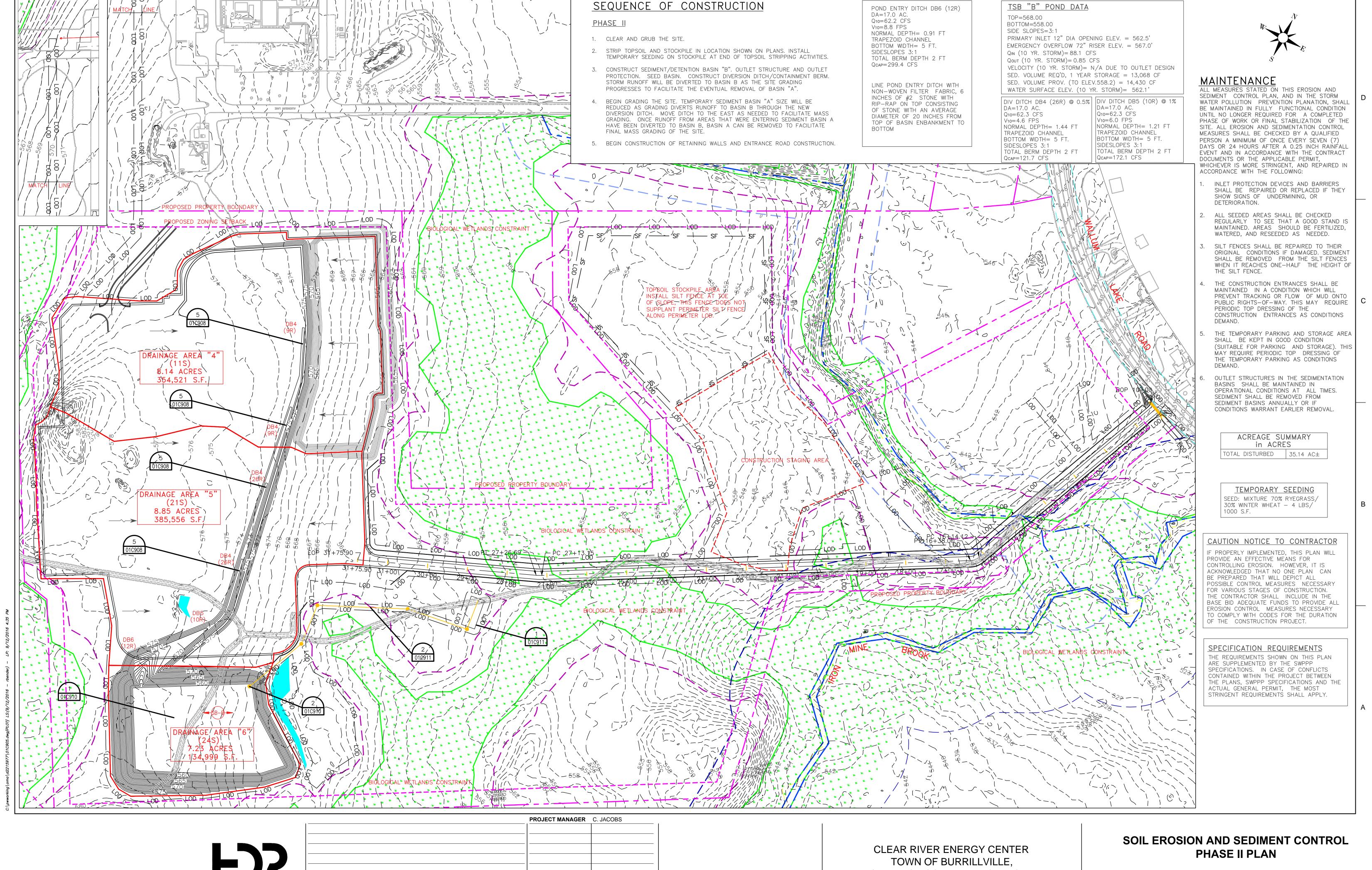
DESCRIPTION

PROJECT NUMBER 000000000238926

ISSUE DATE

PROVIDENCE COUNTY, RHODE ISLAND

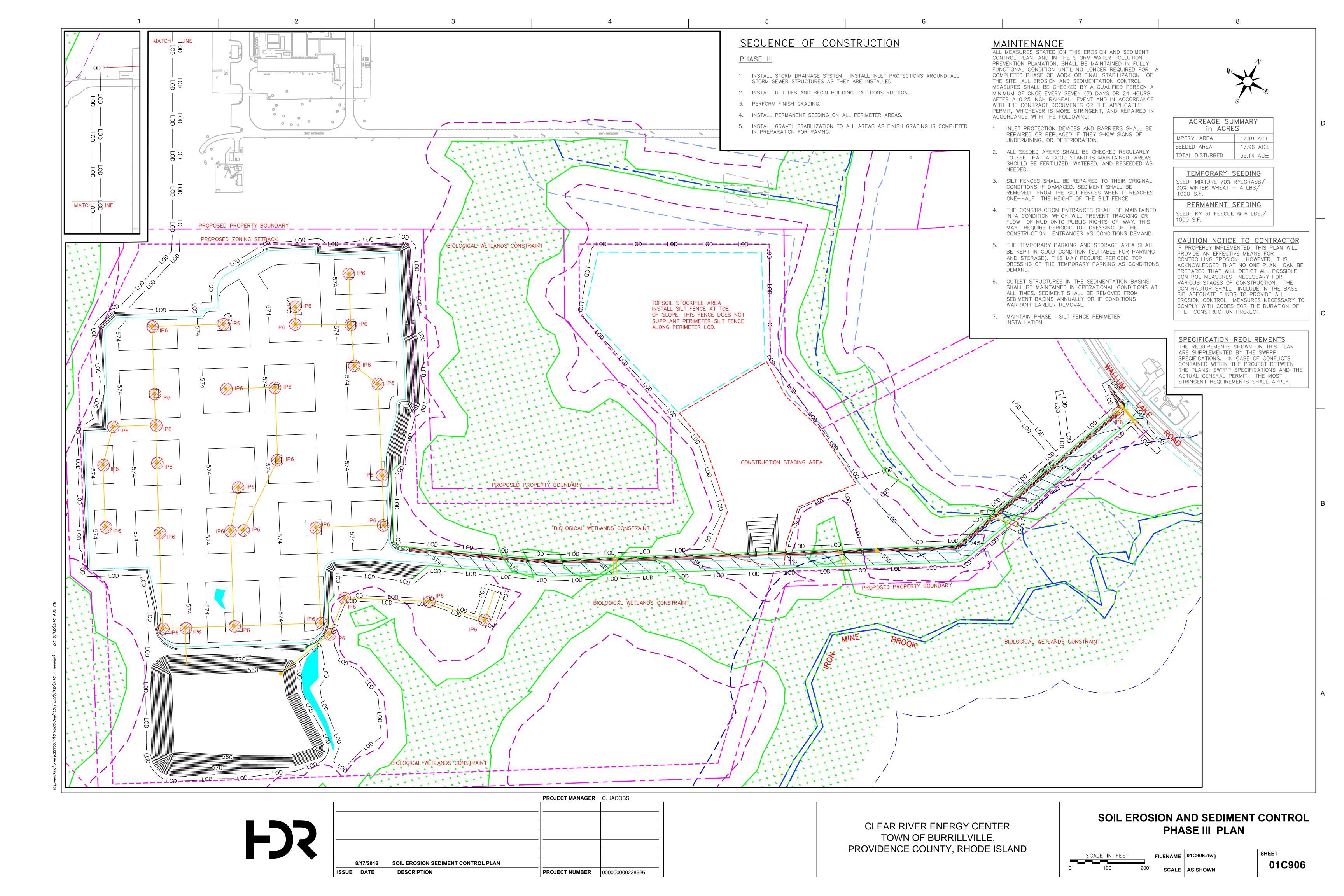


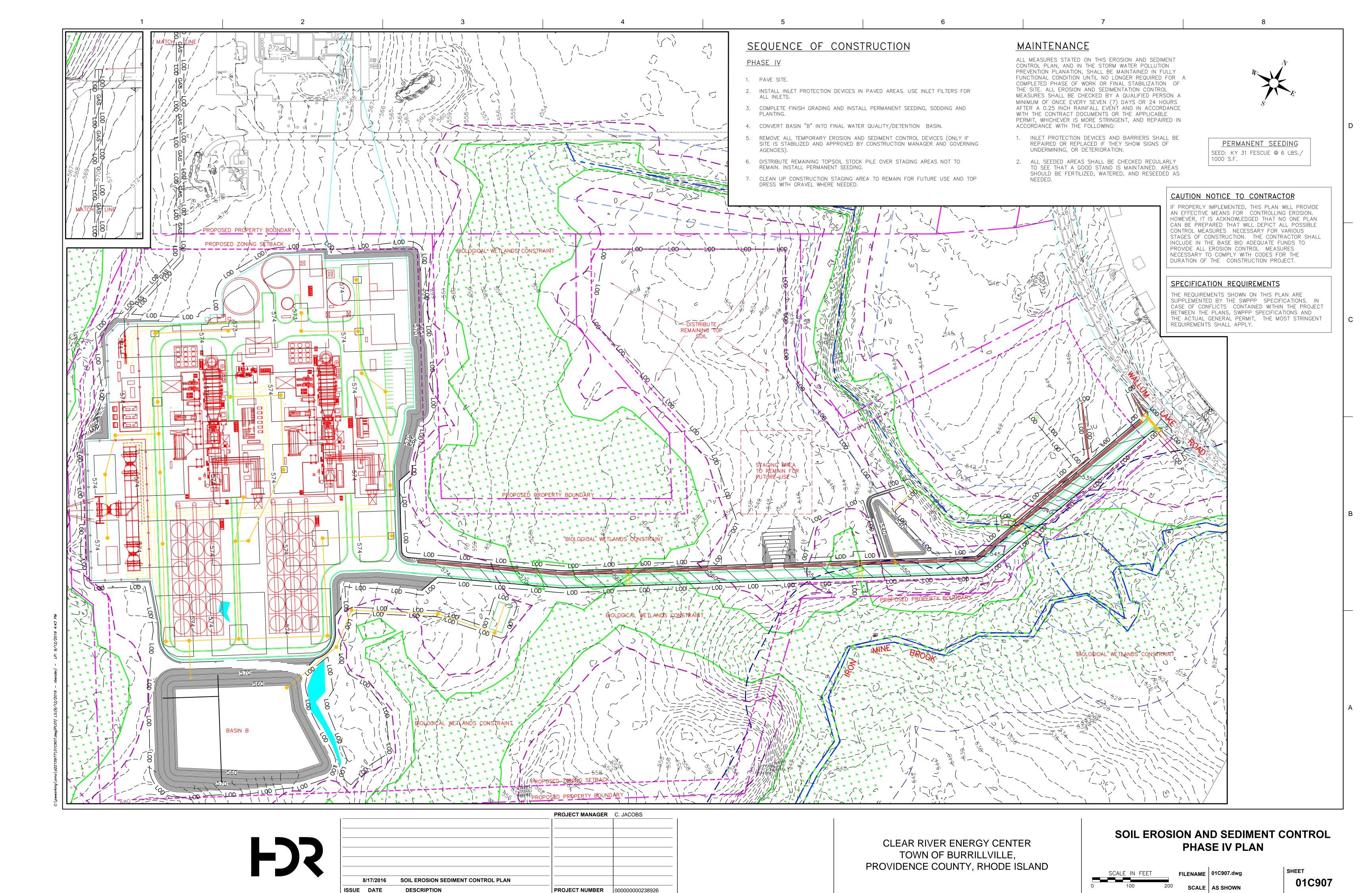


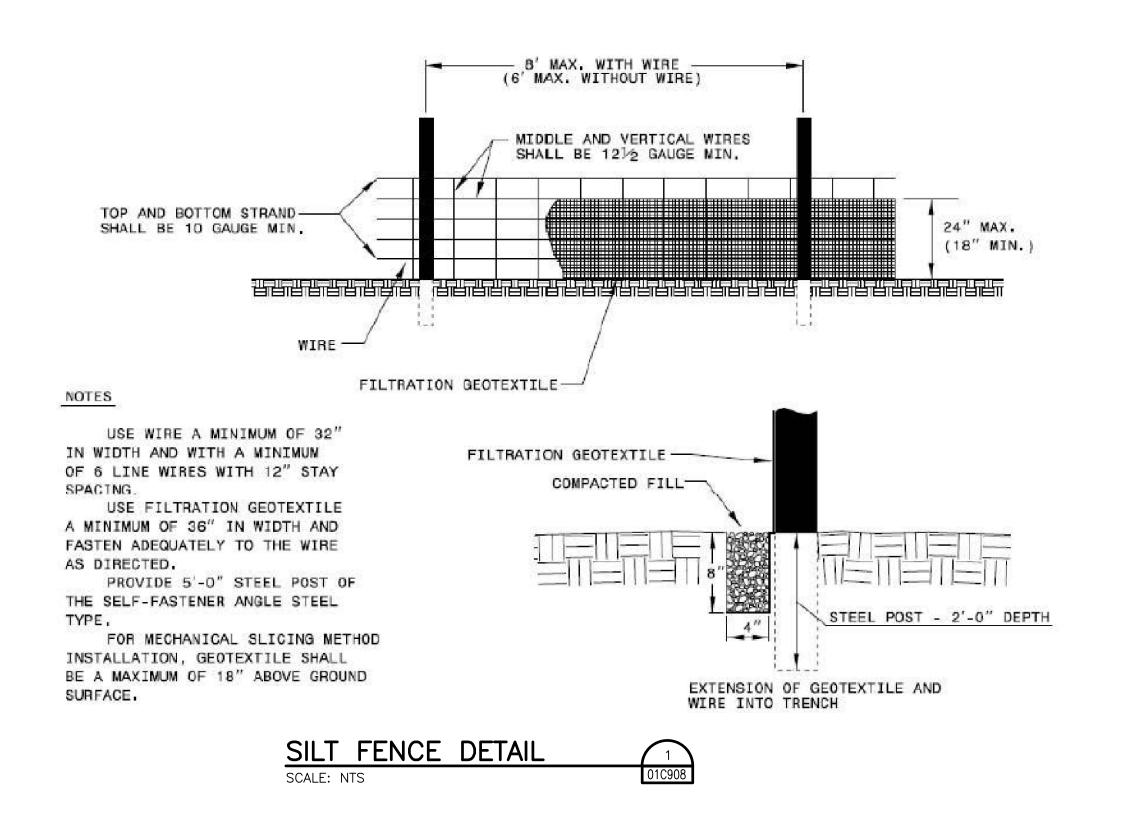
SOIL EROSION SEDIMENT CONTROL PLAN ISSUE DATE PROJECT NUMBER 000000000238926

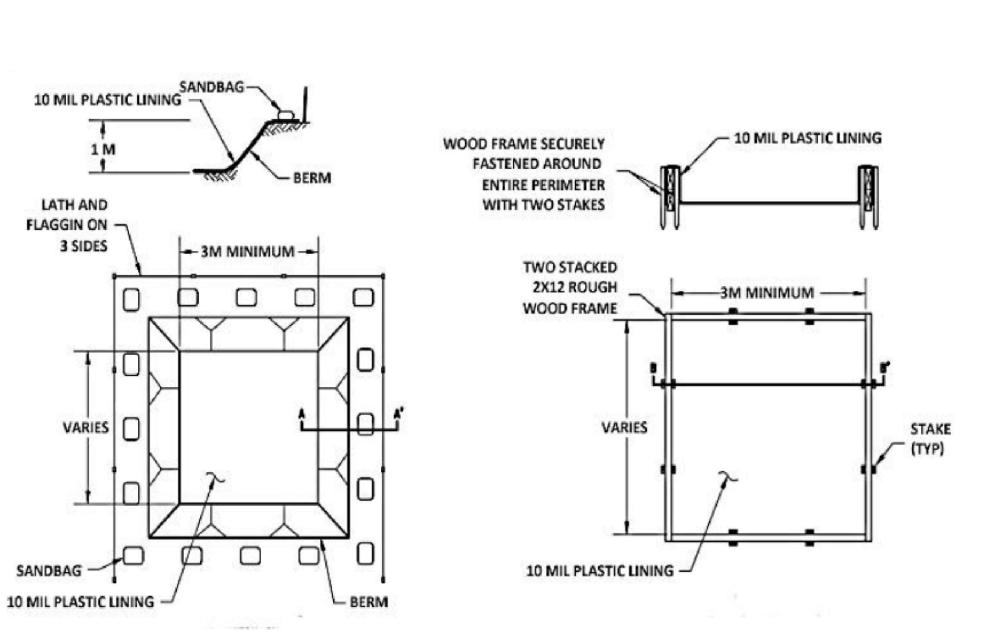
PROVIDENCE COUNTY, RHODE ISLAND

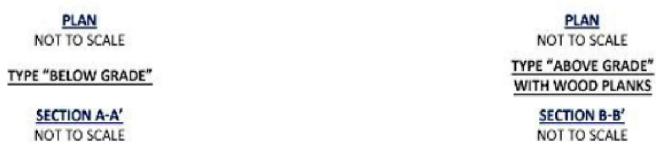










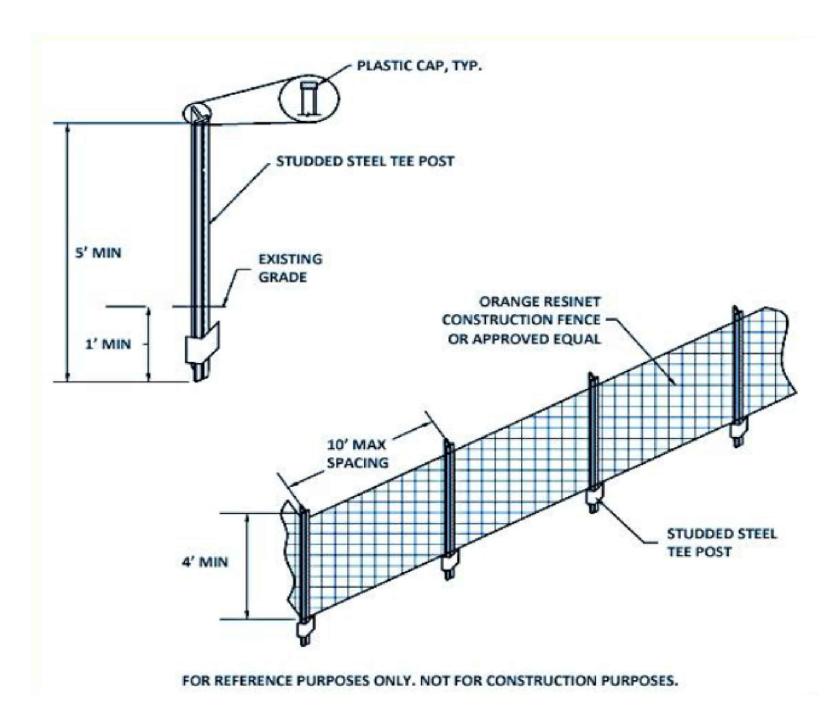


ACTUAL LAYOUT DETERMINED IN THE FIELD.
 FOR REFERENCE PURPOSES ONLY. NOT FOR CONSTRUCTION PURPOSES.

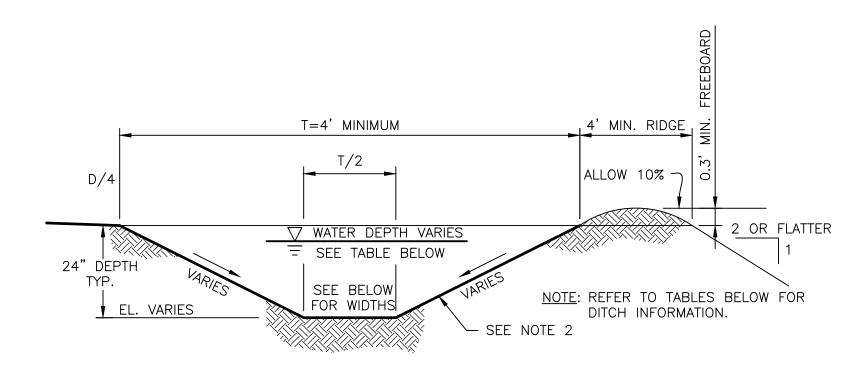
CONCRETE WASHOUT DETAIL

SCALE: NTS

01C908







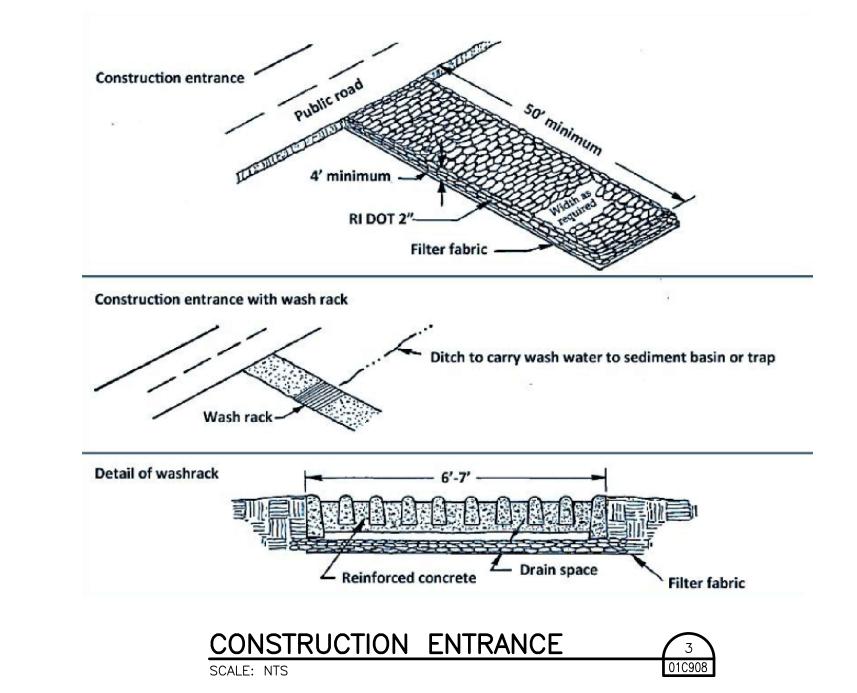
NOTES:

1. MINIMUM DESIGN CAPACITY SHALL CONVEY A 10 YR.—24 HR.
PEAK FLOW WITHOUT EROSION.

2. INSTALL EROSION CONTROL BLANKETS OR TURF REINFORCEMENT
MATS AS NEEDED FOR EROSION RESISTANCE.

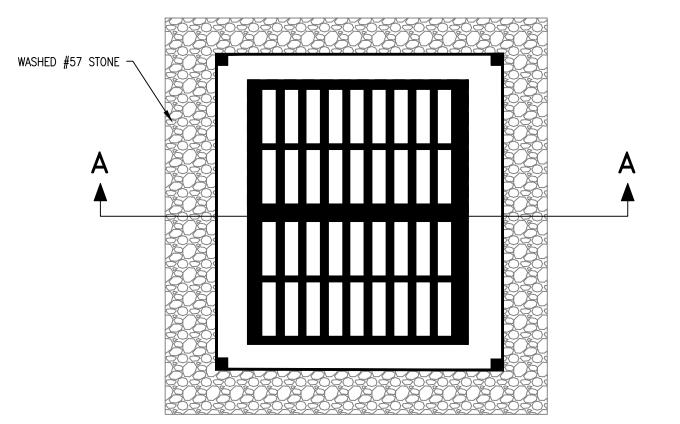
DIVERSION DITCH INFORMATION												
DITCH NO.	BOTTOM WIDTH (FT.)	SIDE SLOPES	HEIGHT (FT.)	DITCH SLOPE	LINING	WATER DEPTH 10 YR. STORM	WATER DEPTH 100 YR. STORM					
DB1	2	2 TO 1	2	0.5%	NONE	1.15'	1.53'					
DB2	2	2 TO 1	2	0.7%	NONE	1.11'	1.48'					
DB3	4	3 TO 1	2	21.9%	RIP-RAP	0.63'	0.87					
DB4	5	3 TO 1	2	0.5%	NONE	1.44'	1.95'					
DB5	5	3 TO 1	2	1.0%	NONE	1.21'	1.65'					
DB6	5	3 TO 1	2	10.0%	RIP-RAP	0.91'	1.25'					

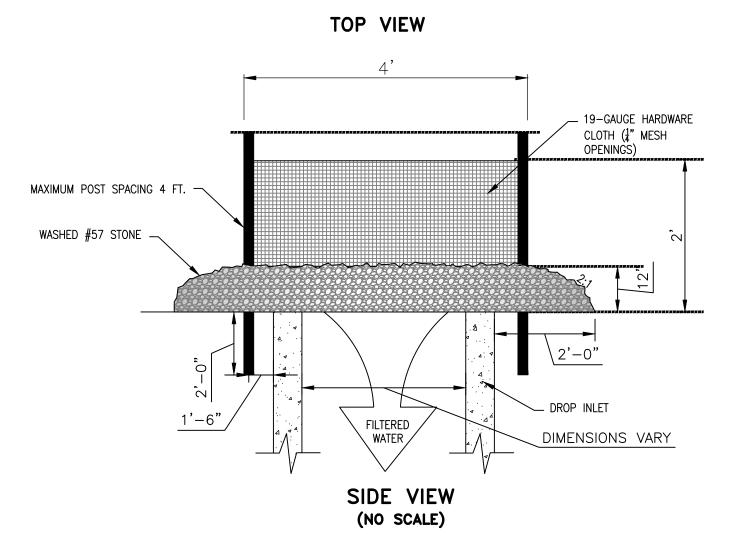




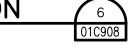


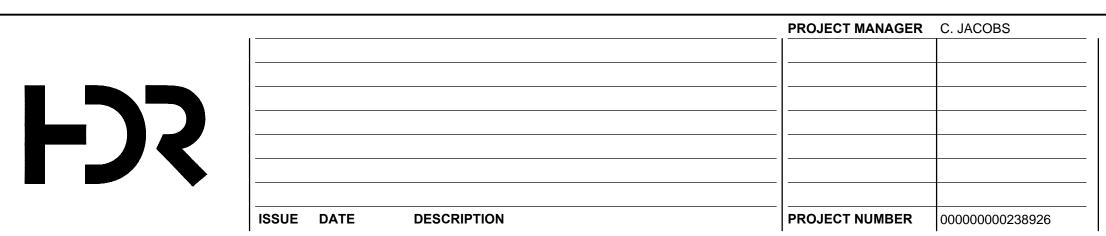
- 1. UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE
- 2. LAND SLOPE IMMEDIATELY SURROUNDING THIS DEVICE SHOULD NOT EXCEED 1 PERCENT.
- 3. SUPPORT STAKES FOR FABRIC SHALL BE A MINIMUM OF 3 FEET LONG, SPACED A MAXIMUM OF 4 FEET APART. THEY SHOULD BE DRIVEN CLOSE TO THE INLET SO ANY OVERFLOW DROPS INTO THE INLET AND NOT ON UNPROTECTED
- 4. SURROUND THE POSTS WITH REINFORCED FILTER FABRIC. SECURE THE FABRIC TO THE POSTS AT THE TOP, MIDDLE, AND
- 5. PLACE CLEAN GRAVEL, #57 STONE
 ON A 2:1 SLOPE WITH A HEIGHT
 OF 12 INCHES AROUND THE FABRIC,
 AND SMOOTH TO AN EVEN GRADE.
- 6. □NCE THE C□NTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REM□VE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATI□NS.





FABRIC DROP INLET PROTECTION
SCALE: NTS



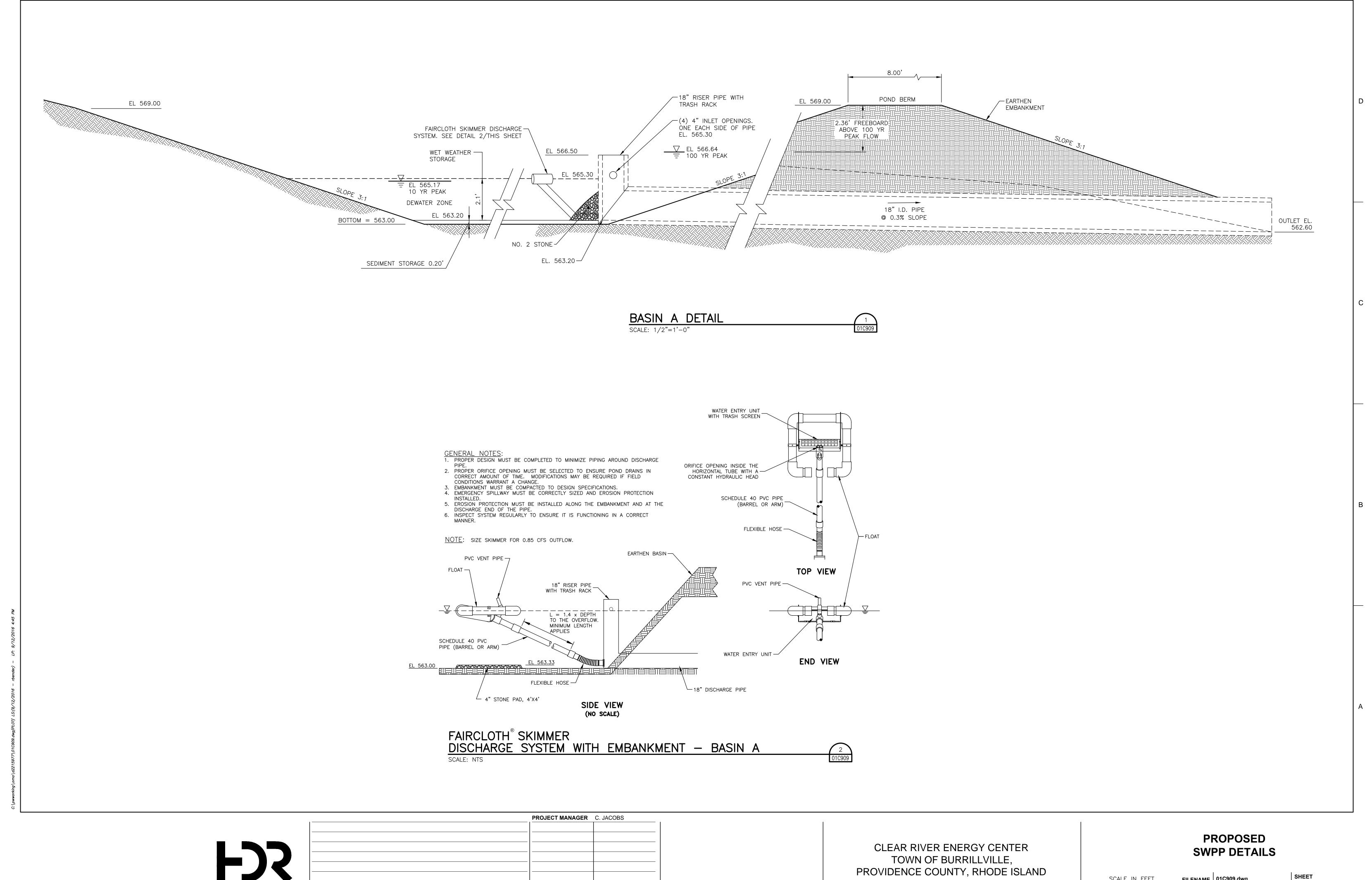


CLEAR RIVER ENERGY CENTER
TOWN OF BURRILLVILLE,
PROVIDENCE COUNTY, RHODE ISLAND

SOIL EROSION AND SEDIMENT CONTROL DETAILS

SCALE IN FEET FILENAME 01C908.dwg

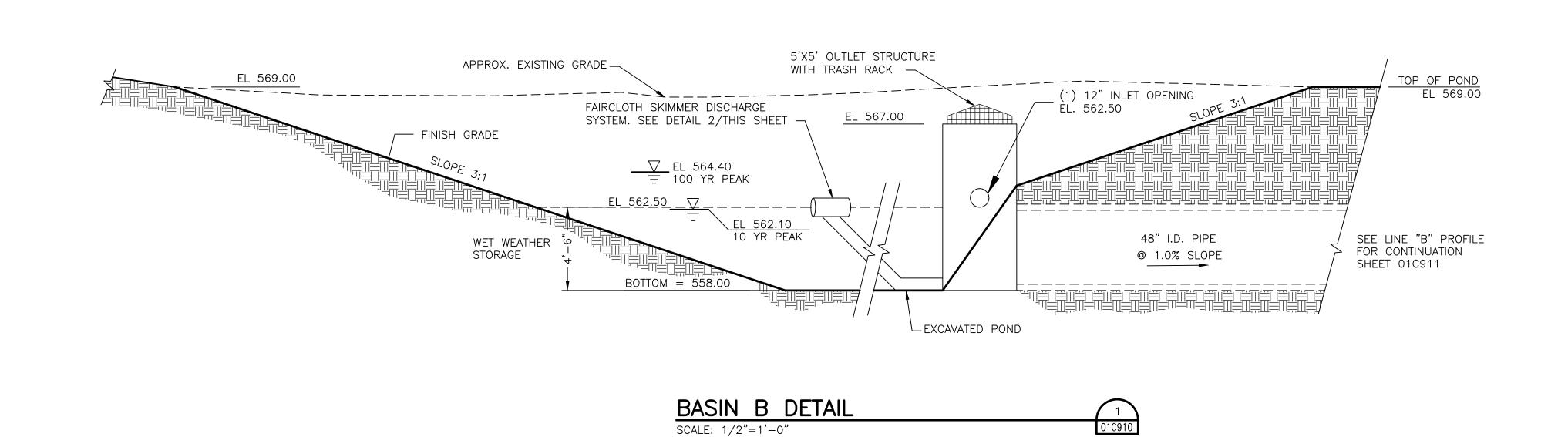
1000 2000 SCALE AS SHOWN

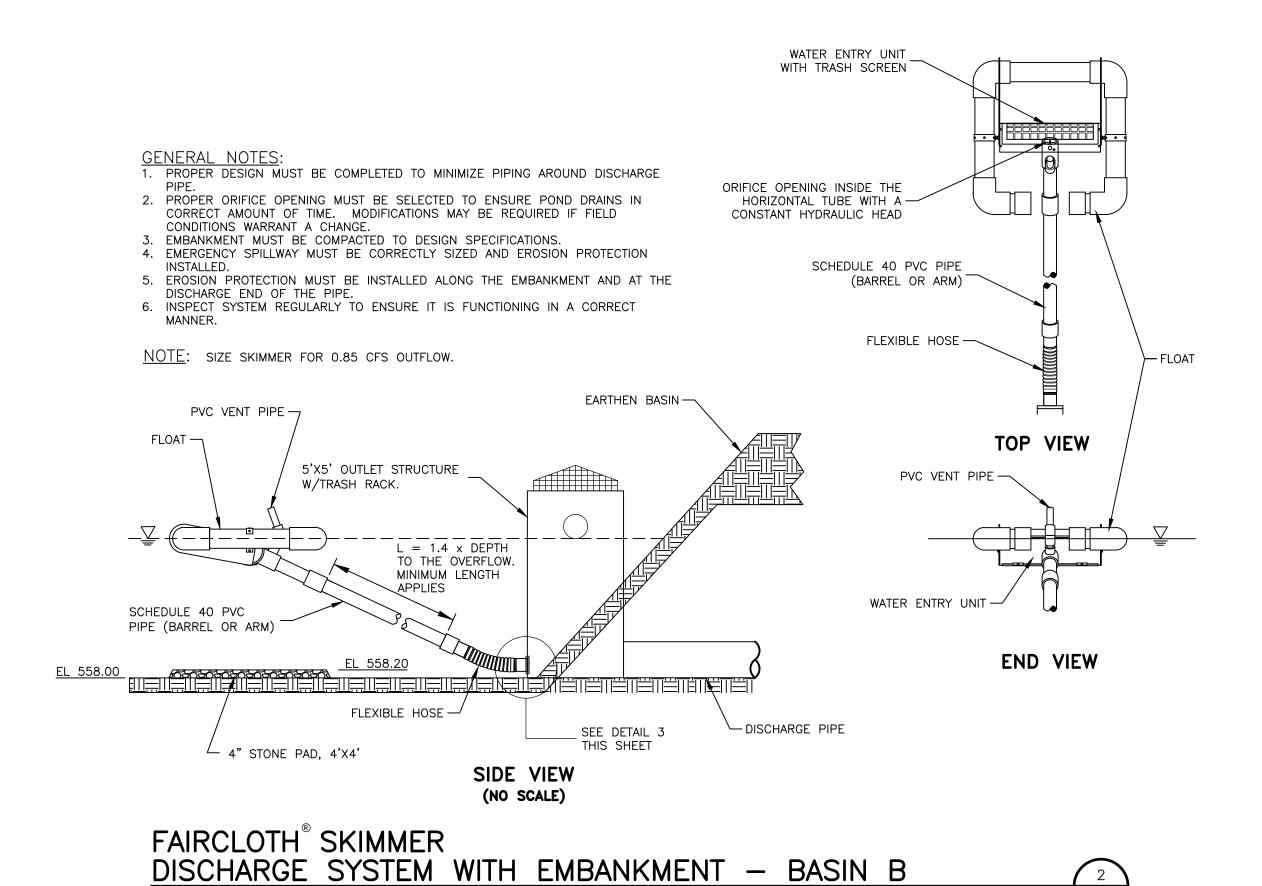


DESCRIPTION **PROJECT NUMBER** 000000000238926 ISSUE DATE

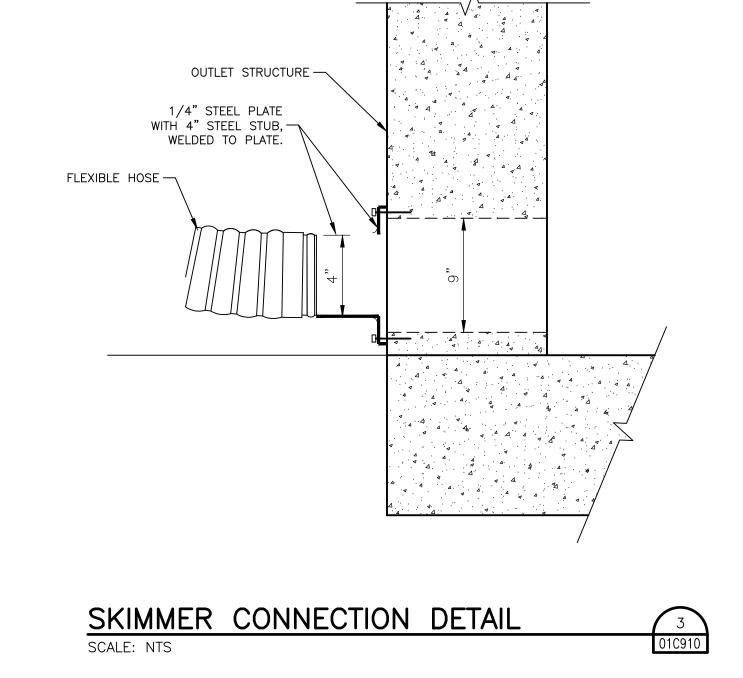
PROVIDENCE COUNTY, RHODE ISLAND







SCALE: NTS



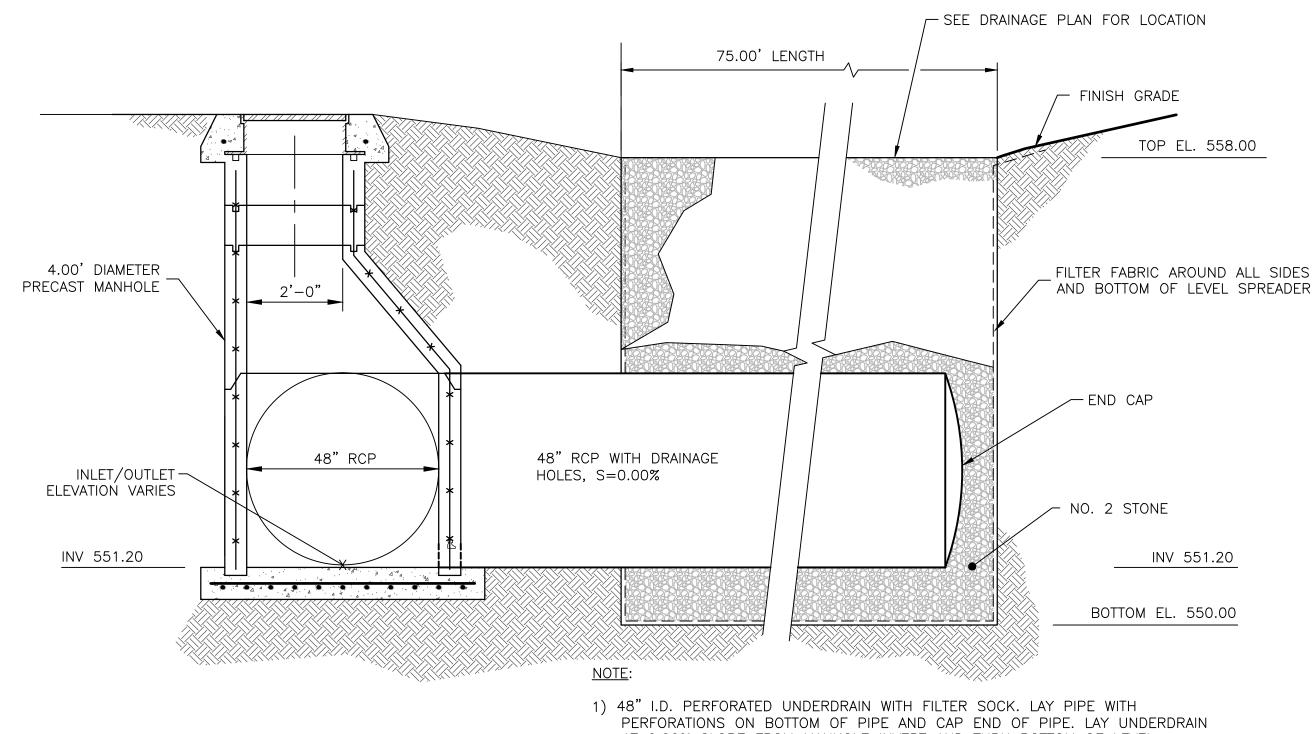
CLEAR RIVER ENERGY CENTER
TOWN OF BURRILLVILLE,
PROVIDENCE COUNTY, RHODE ISLAND

PROPOSED SWPP DETAILS



FILENAME 01C910.dwg

SCALE AS SHOWN

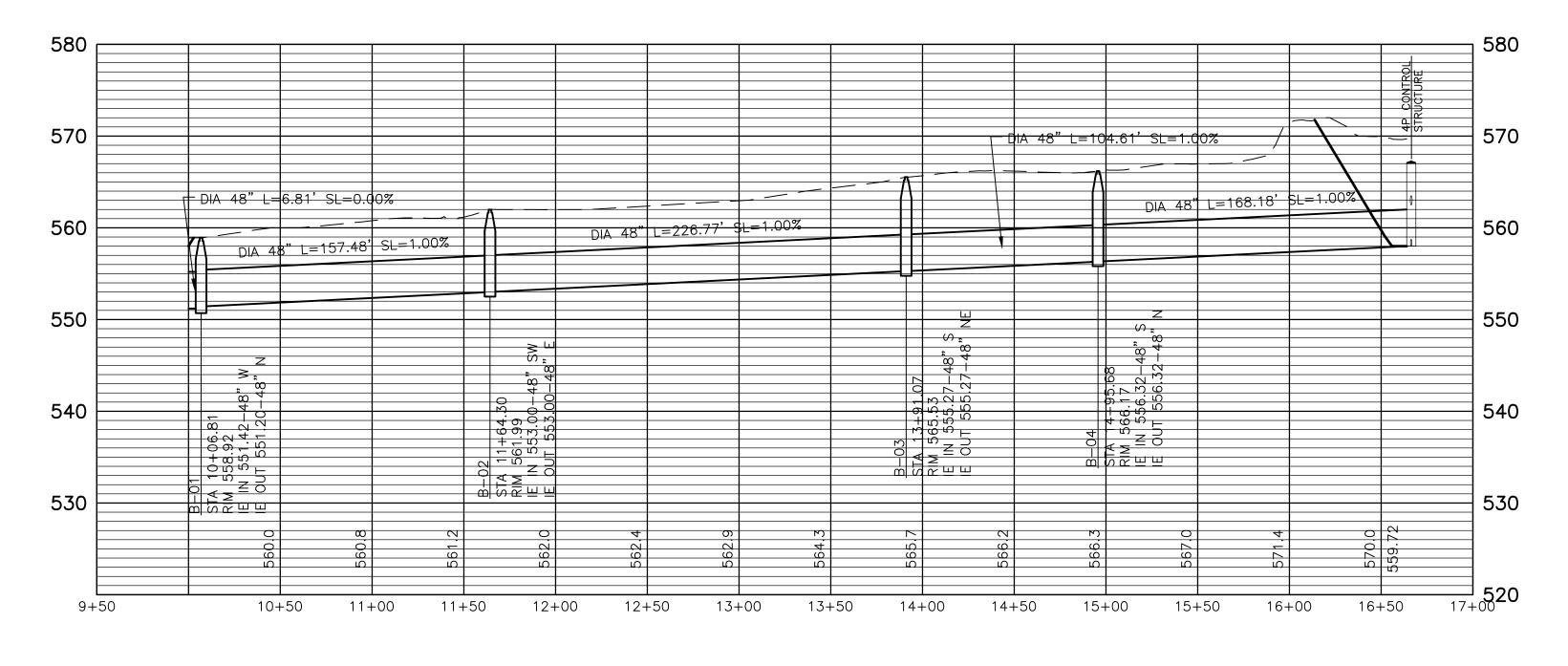


1) 48" I.D. PERFORATED UNDERDRAIN WITH FILTER SOCK. LAY PIPE WITH PERFORATIONS ON BOTTOM OF PIPE AND CAP END OF PIPE. LAY UNDERDRAIN AT 0.00% SLOPE FROM MANHOLE INVERT AND THRU BOTTOM OF LEVEL SPREADER.

2) WATER DEPTH MEASURED FROM TOP OF LEVEL SPREADER = EL 558.00.

LEVEL SPREADER DETAIL (18P)

PROJECT NUMBER 000000000238926



PROFILE OF LINE B SCALE: HOR- 1"=50' VER- 1" = 5'

2 01C911

PROJECT MANAGER C. JACOBS

DESCRIPTION

ISSUE DATE

CLEAR RIVER ENERGY CENTER TOWN OF BURRILLVILLE, PROVIDENCE COUNTY, RHODE ISLAND

PROPOSED SITE **DRAINAGE DETAILS**

FILENAME 01C911.dwg SCALE AS SHOWN

SHEET 01C911