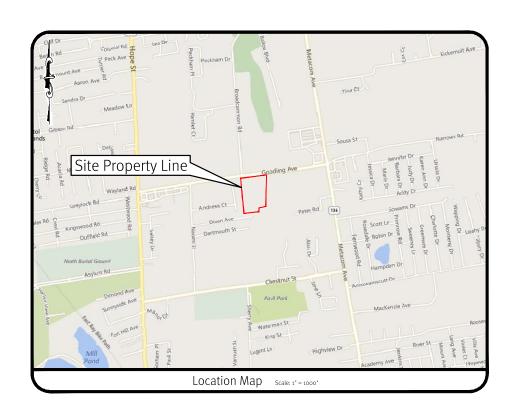
Permitting / Pre-Application Submission

Comfort Inn & Suites

Located on Gooding Avenue Bristol, Rhode Island

Assessor's Plat 111 Lot 1



Sheet List Table

- Cover Sheet
- Aerial Half Mile Radius
- General Notes and Legend
- Erosion & Sediment Control Plan
- Site Layout Plan
- **Grading Plan**
- Drainage and Utilities Plan
- **RIDOT ROW Improvements**
- Underground System A & Details
- Underground System B, Sand Filter B & Details
- 11 Detail Sheet

Plans by Others

Property Line Survey (Sheet 1 of 1) by Barker Land Surveying

The Soil Erosion and Sediment Control Plan (SESC) and Operations and Maintenance Plan (O&M) are required documents with this plan set and must be maintained

The Proposed Improvements Will Not Increase the Rate of Stormwater Runoff Onto the State Highway. All Work Within the State Right of Way Must Conform to the RI

DiPrete Engineering

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Cover Sheet Comfort Inn &

Site Property Line USGS Map Scale: 1"=1000'

Photo Obtained from the ARCGIS 2008 Orthophotography.

DiPrete Engineering

Aerial Half Mile Radius
Comfort Inn & Suites
AP 11 LOT IN THE SOUITES
OWNER AND CONTROL SHAND
D&M BOCK DEVELOPMENT, LLC

- THE SITE IS APPROXIMATELY 9.78 ACRES, IS ZONED GB, AND IS CURRENTLY WOODFD.
- THE APPLICANT OF AP 111 LOT 1 IS:

- THIS SITE IS LOCATED IN FEMA FLOOD ZONES X AND AE. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44001C0011H, MAP REVISED JULY 7, 2014.
- THIS PLAN IS SUBSTANTIALLY CORRECT IN ACCORDANCE WITH A CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. THIS PLAN IS NOT TO BE CONSTRUED AS ACCURATE BOUNDARY SURVEY AND MAY BE SUBJECT TO SUCH CHANGES AS AN ACCURATE BOUNDARY SURVEY MAY DISCLOSE.

THE SITE IS NOT WITHIN A: GROUNDWATER PROTECTION AREA NATURAL HERITAGE AREA GROUNDWATER PROTECTION OVERLAY DISTRICT

THE CONTRACTOR / OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET:

- SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC). THE SESC CONTAINS THE FOLLOWING:

 - FOLLOWING:

 SEQUENCE OF CONTROL MEASURES

 SHORT TERM MAINTENANCE

 ESTABLISHMENT OF VEGETATIVE COVER
 CONSTRUCTION POLIUTION PREVENTION

 SEQUENCE OF CONSTRUCTION
- . OPERATIONS AND MAINTENANCE PLAN (0&M). THE 0&M CONTAINS THE

 - LONG TERM MAINTENANCE LONG TERM POLLUTION PREVENTION
- THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT: HTTP://www.dot.ri.gov/business/contractorsandconsultants.php.
- THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PUBLIC SEWER
- THE SITE WILL FULLY COMPLY WITH ALL OF THE TOWN OF BRISTOL RULES AND RECOLATIONS INCLUDING THE SUBDIVISION AND DEVELOPMENT REVIEW REGULATIONS AND THE ZONING ORDINANCE. THE SITE DOES NOT REQUIRE ANY VARIANCES, SPECIAL USE PERMITS, OR WAIVERS.
- THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF BRISTOL SUBDIVISION THE DRAININGS STIEM IS DESIGNED IN MEET I'HE LOWN OF BRISTICE SOBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF CATCH BASINS, CULVERTS, AND UNDERGROUND DRAINAGE BASINS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
- THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.
- TEST PITS AND SOIL EVALUATIONS WERE COMPLETED BY SITEC, INC. ON

Soil Information:

(REFERENCE: USDA NATURAL RESOURCES CONSERVATION SERVICE) SOIL NAME DESCRIPTION

PITTSTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES PITTSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES STISSING SILT LOAM

Plan References:

PLAN ENTITLED "PROPERTY LINE SURBEY FOR KENDAN, LLC" BY BARKER LAND SURVEYING, INC. REVISED 9/30/14.

Lidar Note:

CONTOUR DATA SHOWN ON THIS PLAN CONFORMS TO A T-4 TOPOGRAPHICAL SURVEY STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS: SAID DATA IS BASED ON ELEVATION INFORMATION THAT WAS COLLECTED WITH AIRBORNE LIDAR TECHNOLOGY FOR THE ENTIRE AREA OF RHODE ISLAND BETWEEN APERL 22 AND MAY 6, 2011 AS PART OF THE NORTHEAST LIDAR PROJECT. THIS DATA'S POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED BY DIPRETE ENDINEERING AND IS SUBJECT TO CHANGES AN AUTHORITATIVE FIELD SURVEY MAY DISCLOSE.

Demolition Notes:

- ALL EXISTING UTILITIES SHOWN ARE FROM VISIBLE INFORMATION, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED TO DIPRETE ENGINEERING AND ARE SUBJECT TO CHANGE. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM AFOREMENTIONED PLANS OF RECORD AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE PROPER UTILITY PROINEERING DEPARTMENTS SHALL BE CONTACTED AND THE ACTUAL LOCATION OF SUBSURFACE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CALL THE DIG SAFE CENTER TOLL FREE AT 1—888—344—723.5 7.2 HOURS PRIOR TO EXCAVATION. ANY DAMAGE TO SIGN THE SECRAVATION, ANY DAMAGE TO JTILITIES WHICH ARE SHOWN ON THE PLANS OR DETAILED BY DIG SAFE SHALL BE THE SITE CONTRACTORS RESPONSIBILITY.
- CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION
- CONTRACTOR TO PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCE DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON GOODING AVENUE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING CARCHAROL SHILL BE RESPONDED FOR THE PLANS UNLESS SPECIFIED OTHERWISE HERE IN. R&D MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HERE IN. R&D MATERIALS TO INCLUDE BUT NOT LIMITED TO PAYEMENT, GRAVEL, CATCH BASIN, ANNHOLES, GARTES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
- IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, ALL DISTURBED AREAS INCLUDING THE CONTRACTOR'S STOCKPILE AND STAGING AREAS WITHIN THE LIMIT OF WORK SHALL BE RESTORED TO MATCH THE DESIGN PLANS.

- DURING CONSTRUCTION TRAFFIC CONES ARE TO BE USED FOR SEPARATION OF ACTIVE TRAFFIC FROM WORK ZONE.
- ALL SIGNS, FLAGGERS, TRAFFIC CONTROL DEVICES, AND TEMPORARY TRAFFIC ZONE ACTIVITIES SHALL MEET THE REQUIREMENTS OF THE MUTCD LATEST EDITION AND SUBSEQUENT ADDENDA.
- TEMPORARY CONSTRUCTION SIGNS SHALL BE MOUNTED ON RIDOT APPROVED SUPPORTS AND SHALL BE REMOVED OR COVERED WHEN NOT APPLICABLE.
- ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.

As-Built Notes:

ALL COMPONENTS OF THE DRAINAGE MUST BE ASBUILT PRIOR TO COVERING. ENGINEER TO BE NOTHED PRIOR TO COVERING SURVEY ASBUILT LOCATIONS. ENGINEER WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

RIDOT Notes:

- ALL WORK TO BE DONE WITHIN THE STATE RIGHT OF WAY MUST CONFORM TO RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AUGUST 2023 EDITION WITH ALL REVISIONS. STANDARD DETAILS FOR THIS WORK ARE R.I. STANDARD DETAILS 1998 EDITION (AMENDED OCTOBER 2022) WITH ALL REVISIONS.
- 2. CONTRACTOR MUST OBTAIN A UTILITY CONNECTION PERMIT FOR WORK WITHIN THE STATE RIGHT-OF-WAY (ROW) PRIOR TO CONSTRUCTION. THE PHYSICAL ALTERATION PERMIT (PAP) IS NOT A SUBSTITUTE FOR THE UTILITY PERMIT AND THE PAP DOES NOT CONSTITUTE AN APPROVAL OF ANY UTILITY WORK.
- 3. ALL TRAFFIC CONTROL MUST CONFORM TO THE MUTCD, LATEST EDITION, WITH ALL REVISIONS
- 4. NO LANE OR SHOULDER CLOSURES ARE ALLOWED TO BE PERFORMED WITHIN THE STATE ADA Notes: ROW DURING PEAK TRAFFIC HOURS.
- 5. SEWER AND WATER CONNECTIONS WITHIN THE STATE ROW WILL REQUIRE A SEPARATE RIDOT UTILITY PERMIT, WHICH CONTRACTOR MUST OBTAIN BEFORE CONSTRUCTION.
- 6. THE DRAINAGE SYSTEM IS DESIGNED TO DECREASE BOTH STORMWATER RUNDER RATE, AND STORMWATER RUNDER VOLUME TO THE STATE ROW FROM PRE-DEVELOPMENT TO POST-DEVELOPMENT. THERE SHALL BE NO INCREASE IN RUNDER TO THE STATE ROW FROM THE PROPOSED DEVELOPMENT.
- WORK WITHIN THE STATE'S ROW WILL CONFORM TO PROPOSED PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). WORK ONSITE WILL CONFORM TO AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) UNLESS THE WORK IS ON STATE OWNED LAND.
- B. AS-BUILTS ARE REQUIRED FOR ALL DRAINAGE CONNECTIONS WITHIN THE STATE ROW. AS-BUILTS MUST BE PROVIDED TO THE RIDOT STORMWATER OFFICE AND INCLUDE, INVERTS, MATERIALS, AND PIPE SIZES.

Layout and Materials:

- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
- CURB RADII ARE 5 FEET UNLESS OTHERWISE NOTED.
- CURBING SHALL BE PRECAST CONCRETE OR AS LABELED ON THE PLANS.
- SIDEWALK SHALL BE CONCRETE, STAMPED CONCRETE OR AS LABELED ON THE PLANS. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT INCESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWNOS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET
- DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIQUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
- CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERBEY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Grading and Utility Notes:

- THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTRO ONSITE. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER, THE DIRECTOR OF PUBLIC WORKS, THE TOWN ENGINEER, AND RI DEPT. OF ENVIRONMENTAL MANAGEMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONSTRUCTION TO COMMENCE SPRING 2025 OR UPON RECEIPT OF ALL NECESSARY
- SEQUENCE OF CONSTRUCTION PROVIDED IN SESC MAY BE MODIFIED AS FIELD
- THE CONTRACTOR SHALL COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS SHALL BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDING TO ENSURE SURFACE WATER AND/OR GROUND WATER ARE DIRECTED AWAY FROM THE STRUCTURE.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAGE TO STAND TO CONSTRUCTION, CONTRACTOR STAND.

 PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH APPLICANT, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
- CONTROL DEVICES, LATEST EDITION INCLUDING ALL REVISIONS
- L RETAINING WALLS AND STEEP SLOPES ARE SHOWN SCHEMATICALLY ONLY AND PRETE ENGINEERING IS NOT PROVIDING THE DESIGN OF THESE ITEMS. THE ACTUAL DIPPRE E ENGINEERING IS NOT PROVIDING THE DESIGN OF THESE LIEMS. THE ACTOR
 WALLS AND SLOPES ARE TO BE BUILT UNDER THE DIRECTION OF A GEOTECHNICAL
 ENGINEER AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE
 PROJECT. SHOP DRAWNOS TO BE SUBMITTED PRIOR TO CONSTRUCTION.
- ALL CUT AND FILL AREAS ARE TO BE DONE UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER WITH TESTING AND CERTIFICATION TO BE PROVIDED TO THE APPLICANT AT THE COMPLETION OF THE PROJECT, DIPPRETE ENGINEERING ASSOCIATES, INC. IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF
- ALL COMPONENTS OF THE DRAINAGE, SEWER AND WATER SYSTEMS MUST BE ASBUILT PRIOR TO COVERING TO SURVEY ASBUILT LOCATIONS. ENGINEER ONL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.
- NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
- ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
- ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER AT AN APPROVED LOCATION STUMPS SHALL BE GROUND ONSITE OR REMOVED.
- 17. NO STUMP DUMPS ARE PROPOSED ONSITE.
- IF CONCRETE TRUCKS ARE WASHED OUT ONSITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

- ALL IMPROVEMENTS SHALL COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)" BY THE DEPARTMENT OF JUSTICE.
- MAXIMUM RUNNING SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL B 4.5% OR 0.045 '/, AND MAXIMUM CROSS SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL BE 0.015' /...
- MAXIMUM SLOPE IN ALL DIRECTIONS FOR ALL ACCESSIBLE PARKING SPACES AND LOADING AREAS SHALL BE 0.015'/...
- A 5'x5' LANDING WITH A MAXIMUM SLOPE OF 1.5% OR 0.015'/, IN ALL DIRECTIONS SHALL BE PROVIDED IN FRONT OF ALL PUBLICLY ACCESSIBLE BUILDING ENTRANCES/EGRESSES.
- SIDEWALK CURB RAMPS SHALL COMPLY WITH DIPRETE ENGINEERING DETAILS THAT MEET OR EXCEEDING RIDOT STANDARDS 43.3.0, 43.3.1, & 43.4.1 AS SHOWN ON THE DETAIL SHEET.
- PLEASE NOTE THAT THE GRADING AND PLAN VIEWS AS WELL AS THE STANDARD DETAILS MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS AND RAMPS TO ADA STANDARDS. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS ADA STANDARDS. IN THE EVENT OF ANY CONFLICTS THE CONTRACTOR SHALL NOTIFY THE DESIGNER BEFORE CONSTRUCTION FOR ADVICE IN FINDING A RESOLUTION.

Soil Erosion and Sedimentation Control Notes:

- ALL EROSION CONTROL, TEMPORARY SWALES, TEMPORARY SEDIMENTATION TRAPS, ETC. SHALL BE INSTALLED PER THE RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL LATEST EDITION AND THE SOIL EROSION SEDIMENTATION CONTROL, PLAN
- (SESC).
 TEMPORARY SWALES SHALL BE USED TO CONTROL RUNGEF DURING CONSTRUCTION.
 TEMPORARY SWALES SHALL BE VECETATED AFTER CONSTRUCTION. FEOSION CONTROL
 MATS SHALL BE INSTALLED IN FACESSARY TO PREVENT FEOSION AND SUPPORT
 VECETATION. AFTER CONSTRUCTION IS COMPLETE AND TRIBUTARY ARES TO THE SWALES
 HAVE BEEN STABILIZED, THE TEMPORARY SWALES SHALL BE CLEASED AND FINAL
 DESIGN, MICLUDING INSTALLATION OF THE GRASS SWALE SHALL BE PET THE DESIGN.
- PLANS.

 ONCE THE SEDIMENTATION TRAP IS NO LONGER REQUIRED AND ALL TRIBUTARY AREAS HAVE BEEN STABILIZED, THE TEMPORARY SEDIMENTATION TRAP SHALL CLEANED AND BROUGHT TO FINAL DESIGN GRADES.

 INLET PROTECTION SHALL BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED.

 SEE SECTION 2.2 OF THE SESC FOR SEQUENCE OF CONSTRUCTION ACTIVITY.
- SEE SECTION 2.2 OF THE SESC FOR PROJECT PHASING.
- CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM DESIGN ENGINEER.
- 8. FOR CONSTRUCTION PHASING SEE SECTION 2.2 OF SOIL EROSION AND SEDIMENT CONTROL PLAN.

Abbreviations Legend

BBC BOTTOM OF CURBE BT BOTTOM OF TESTHOLE BT BOTTOM OF TESTHOLE BT BITMINIOUS (BERM) BIO BIORETENTION BIO BIORETENTION BW BOTTOM OF WALL) CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CALCULATED CONCRETE CONCRETE LINED DUCTILE IRON PIPE CONCRETE LINED DUCTILE IRON PIPE CONCRETE LINED CONCRETE	AP	ASSESSOR'S PLAT	OHW	OVERHEAD WIRE
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AT BOTTOM OF WAIL) CB CATCH BASIN RCP REINFORCED CONCRETE PIPE CC CATCH BASIN RCP REINFORCED CONCRETE PIPE RIPE E CENTERLINE CAN CHORD ANGLE CLOIP CONCRETE LINED DUCTILE IRON PIPE CO CLEAN OUT CO CLEAN OU	BIO	BIORETENTION	PVC	POLYVINYL CHLORIDE
CATCH BASIN RCP REINFORCED CONCRETE PIPE	BW	BOTTOM OF WALL (FINISHED GRADE	R	RADIUS
(C) CALCULATED RIHB RHODE ISLAND Q CENTERLINE Q CENTERLINE CA) CHORD ANGLE CA) CHORD ANGLE CLOIP CONCRETE LINED DUCTILE IRON PIPE COC CLEAN OUT COC CLEAN COC CLEAN COC CLEAN COC CLEAN COC CLEAN COC CLEAN COC		AT BOTTOM OF WALL)	R&D	REMOVE AND DISPOSE
CA) CENTERLINE (CA) CHORD ANGLE (CA) CHORD ANGLE COLEAN OUT COC CLEAN OUT COC CLEAN OUT COC COLEAN OUT COC CONCRETE SD SUBDRAIN SE SLOPE SED SEDIMENT FOREBAY DEED SED SEDIMENT FOREBAY SEMER FOOT MAINAGE MANHOLE SFL STATE FREEWAY LINE DP DETENTION POND SFM SEWER FORCE MAIN SEWER MANHOLE SFL STATE FREEWAY LINE SEWER MANHOLE SFM SEWER FORCE MAIN SEWER MANHOLE EX EXISTING SNDF SAND FILTER FES FLARED END SECTION SS SIDE SLOPE FEF FINISH FLOOR ELEVATION STA STATION GFE GARAGE FLOOR ELEVATION TO TOP OF CUPB GWT GROUND WATER TABLE TD TIRENCH DRAIN HW HEADWALL TRANS TRANSITION HW HEADWALL THOP OF FOUNDATION TO TOP OF FOUNDATION TO TOP OF FOUNDATION THENCH DRAIN TOP OF WALL (FINISHED TOP OF WALL (FINISHED UNDERGROUND INFILITATION POND LF LINEAR FEET LOD LIMIT OF DISTURBANCE LINEAR FEET UND WALKOUT WALKOUT WALKOUT	CB	CATCH BASIN	RCP	REINFORCED CONCRETE PIPE
(CA) CHORD ANGLE RL ROOF LEADER CLDIP CONCRETE LINED DUCTILE IRON PIPE ROW RIGHT OF WAY CO CLEAN OUT S LOPE CONC CONCRETE SD SUBDRAIN CONC CONCRETE SD SUBDRAIN CONC CONCRETE SD SEDIMENT FOREBAY DOB DOUBLE CATCH BASIN SE SELAB ELEVATION DI DROP INLET SF SQUARE FOOT DMH DRAINAGE MANHOLE SFL STATE FREEWAY LINE EOP EDETENTION POND SFM SEWER FORCE MAIN EOP EDCE OF PAVEMENT SHL STATE HIGHWAY LINE ESC EROSION AND SEDIMON SMH SEWER MANHOLE EX EXISTING SNIP SAND FILTER FES FLARED END SECTION STA STATION GFE FLARED END SECTION STA STATION GFE FINSH FLOOR ELEVATION TC TOP OF CURB GWT GRADE GLEVATION TC <t< td=""><td>(C)</td><td>CALCULATED</td><td>RIHB</td><td>RHODE ISLAND</td></t<>	(C)	CALCULATED	RIHB	RHODE ISLAND
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EOP EDGE OF PAVEMENT	DMH	DRAINAGE MANHOLE	SFL	STATE FREEWAY LINE
ESC	DP	DETENTION POND	SFM	SEWER FORCE MAIN
EX EXISTING SNDF SAND FILTER FES FLARED END SECTION SS SIDE SLOPE FFE FINISH FLOOR ELEVATION TC TOP OF CURB GFE GARAGE FLOOR ELEVATION TC TOP OF CURB GWT GROUND WATER TABLE TD THENCH DRAIN HC HANDICAPPED TF TOP OF FOUNDATION HW HEADWALL TRANS TRANSITION HC HIGH CAPACITY CATCH BASIN GRATE TW TOP OF WALL (FINISHED HDPE HIGH DENSITY POLYETHYLENE ID INLINE DRAIN TYP TYPICAL INV INVERT UDS UNDERGROUND INFILITATION POND LF LINEAR FEET LOD LIMIT OF DISTURBANCE LIMIT OF DISTURBANCE LIMIT OF DISTURBANCE WO WALKOUT WALKOUT WALKOUT WALKOUT WALKOUT WALKOUT WALKOUT WALKOUT WALKOUT	EOP	EDGE OF PAVEMENT	SHL	STATE HIGHWAY LINE
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FFE	EX	EXISTING	SNDF	SAND FILTER
GFE GARAGE FLOOR ELEVATION TC TOP OF CURB	FES	FLARED END SECTION	SS	SIDE SLOPE
GROUND WATER TABLE TO TRENCH DRAIN HC HANDICAPPED TF TOP OF FOUNDATION TRANSITION HC HIGH CAPACITY CATCH BASIN GRATE HDPE HIGH DENSITY POLYETHYLENE ID INLINE DRAIN TYP TYPICAL INV INVERT IP INFILTRATION POND LF LINEAR FEET LD LIMIT OF DISTURBANCE LP LIGHT POLE (M) MEASURED WALKOUT TRENCH DRAIN TRANSITION TOPO FOUNDATION TAPP OF FOUNDATION TYPICAL TYPIC	FFE	FINISH FLOOR ELEVATION	STA	STATION
HANDICAPPED	GFE	GARAGE FLOOR ELEVATION	TC	TOP OF CURB
HEADWALL	GWT	GROUND WATER TABLE	TD	TRENCH DRAIN
HICH CAPACITY CATCH BASIN GRATE	HC	HANDICAPPED	TF	TOP OF FOUNDATION
HDPE	HW	HEADWALL	TRANS	TRANSITION
ID INLINE DRAIN	HC	HIGH CAPACITY CATCH BASIN GRATE	TW	TOP OF WALL (FINISHED
INVERT	HDPE	HIGH DENSITY POLYETHYLENE		GRADE AT TOP OF WALL)
INFILTRATION POND DETENTION SYSTEM	ID	INLINE DRAIN	TYP	TYPICAL
LINEAR FEET	INV	INVERT	UDS	UNDERGROUND
LOD LIMIT OF DISTURBANCE INFILTRATION SYSTEM LP LIGHT POLE UP UTILITY POLE (M) MEASURED WO WALKOUT	IP	INFILTRATION POND		DETENTION SYSTEM
LP LIGHT POLE UP UTILITY POLE (M) MEASURED WO WALKOUT W/C NOW CONTROL OF CO	LF	LINEAR FEET	UIS	UNDERGROUND
(M) MEASURED WO WALKOUT	LOD	LIMIT OF DISTURBANCE		INFILTRATION SYSTEM
(M) MEASURED WO WALKOUT	LP	LIGHT POLE	UP	
N /F NOW OR FORMERLY	(M)	MEASURED	WO	
WQ WATER QUALITY	N/F	NOW OR FORMERLY	WQ	WATER QUALITY

Site Callouts Legend NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

- (7.2.4) RIDOT STD PRECAST CONCRETE CURB STOP (4W45) 4" WHITE STRIPING 2' ON CENTER AT 45"
- ADAS ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH ALL ADA AND MUTCD REGULATIONS AND REQUIREMENTS
- ADAR ADA CURB RAMP MUST COMPLY WITH ALL ADA REGULATIONS AND REQUIREMENTS.
- VAN ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH ALL ADA AND MUTCD REGULATIONS AND REQUIREMENTS.
- CROSSWALK PAVEMENT MARKINGS. SOLID 2' WHITE LINES SPACED 4' OC (REFERENCE MUTCD SECTION 3B.18)

Existing Legend (AS SHOWN ON PROPOSED PLANS)

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

	DO ADEDTY LIVE		NAME OF THE PARTY
	PROPERTY LINE	Δ/Δ	NAIL FOUND/SET
	ASSESSORS LINE	0 / 0	DRILL HOLE FOUND/SET
	BUILDING	0/®	
		■/□	BOUND FOUND/SET
	BRUSHLINE	A	SIGN
	TREELINE	•	BOLLARD
	GUARDRAIL	&	SOIL EVALUATION
	FENCE	⊚ CB	CATCH BASIN
	RETAINING WALL	O DCB	DOUBLE CATCH BASIN
0000000000000000	STONE WALL	O DMH	DRAINAGE MANHOLE
2	MINOR CONTOUR LINE	A FES	FLARED END SECTION
10	MAJOR CONTOUR LINE	-0	GUY POLE
	WATER LINE		ELECTRIC MANHOLE
s	SEWER LINE	O UP	UTILITY/POWER POLE
——————————————————————————————————————	SEWER FORCE MAIN		LIGHTPOST
	GAS LINE	SMH	SEWER/SEPTIC MANHOLE
	ELECTRIC LINE	SV	SEWER VALVE
OHW	OVERHEAD WIRES		CLEANOUT
HkC	DRAINAGE LINE	30(HYDRANT
— — CaD	SOILS LINES	8	IRRIGATION VALVE
	50' PERIMETER WETLAND	w	WATER VALVE
	100' RIVERBANK WETLAND	@	WELL
	200' RIVERBANK WETLAND	•	MONITORING WELL
	NATURAL HERITAGE AREA		UNKNOWN MANHOLE
701/5 1/		GV	GAS VALVE
ZONE X	FEMA BOUNDARY	•	BENCH MARK
ZONE X	STREAM	₹	STREAM FLOW DIRECTION
<u>A</u> B1 <u>A</u> B2	WETLAND LINE & FLAG		

Proposed Legend

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS PROPERTY LINE BUILDING SETBACKS \dots TREELINE CHAINLINK FENCE

(308) -(310)--

+(312)

STAMPED CONCRETE

GUARDRAIL (RIDOT STD 34.2.0, 34.4.0 OR APPROVED EQUAL) RETAINING WALL

____ DRAINAGE LINE ROOF LEADER GAS LINE WATER LINE HYDRANT ASSEMBLY WATER SHUT OFF WATER VALVE ____ SEWER LINE

MINOR CONTOUR LINE MAJOR CONTOUR LINE OHW-SPOT ELEVATION _____ ETC _____ EDGE OF PAVEMENT

CONCRETE CURB (RIDOT STD 7.1.0) BUILDING FOOTPRIN

-----BUILDING OVERHAND Δ BUILDING ENTRY ASPHALT PAVEMENT

Ŧ

SINGLE LIGHT DOUBLE LIGHT •₩ OVERHANGING LIGHT

1

Utility Note:

&/&

SAND FILTER SIGN (RIDOT STD 24.6.2 AS APPLICABLE) **(**

HHHHH

ACCESSIBLE PARKING SPACE SYMBOLS TRANSFORMER PAD WITH BOLLARDS (PER NATIONAL GRID STANDARD)

PARKING COUNT

SAWCUT LINE

CATCH BASIN DOUBLE CATCH BASIN MANHOLE FLARED END SECTION

RIP RAP

OVERHEAD WIRE

2:1 SLOPES

ELECTRIC, TELEPHONE, CABLE LINE

STRAW WATTLE, SILT FENCE (RIDOT STD 9.2.0) OR APPROVED EQUAL AT LIMIT OF DISTURBANCE

HEAD WALL (2) SHRUB TREE

IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND NOTIFY IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA. PER THE CODE OF FEDERAL REGULATIONS — TITLE 29, PART 1926 IT IS THE SITE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ACCURATE UNDERGROUND UTILITY LINE LOCATIONS FROM THE UTILITY COMPANIES, UTILITY OWNERS AND, OR YAI UNDERGROUND UTILITY LOCATION FOUNDMENT AS NEEDED TO ESTRAIGHSH ACCURATE LOCATIONS FOR TO ANY EXCAVATION. THE USE OF PROFESSIONAL UTILITY LOCATING COMPANIES PRIOR TO ANY EXCAVATION IS

DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITES, DEPICTED OR NOT, EITHER IN SERVICE OR ABANDONED. ANY SIZES, LOCATIONS, EXISTENCE, OF LACK OF EXISTENCE, OF UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNTIL VERIFIED BY A PROFESSIONAL UTILITY LOCATION COMPANY. DIPRETE ENGINEERING ASSUMES NO

THE PURPOSE OF THIS PLAN SET IS TO OBTAIN A PERMIT FROM THE REGULATORY AGENCY IT WAS SUBMITTED TO. THIS PLAN SET CONTRAINS THE REQUIRED INFORMATION NECESSARY FOR THERE REQULATORY AGENCIES THE SUBMITTED TO AND MAY NOT HAVE INFORMATION NECESSARY FOR OTHER REQULATORY AGENCIES. THIS PLAN SET MUST NOT BE CONSTRUED AS A FULL CONSTRUCTION OR BID SET, ADDITIONAL DETAIL IS REQUIRED FOR CONSTRUCTION AND BID DOCUMENTS, SUCH AS (BUT NOT LIMITED TO) FINE GRADING, GRADING BETWEEN THE CONTOUR INTERVAL, ADDITIONAL SURVEY, MAPPING, BULLDING SHAPE, LOCATION, ADA, UTILITY CONNECTIONS, INTILITY CROSSINGS, SURFACE AND GROUND WATER MITIGATION, SOIL STABILITY AND CONSISTENCY, SPECIFIC EN ISER NEEDS, CONSTRUCTABILITY ISSUES, ETC. ANY USER OF THESE PLANS SHOULD UNDERSTAND THIS LIMITATI

ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY, LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATION, BLASTING, UTILITY INSTALLATION, BACKFILLING, GRADING, PACWEMENT RESTORATION, AND ALL OTHER STE WORK. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING PHOSE IN CONTROL OF UTILITY SOMEWHATE, OF THE OFFICE OFFI nd L ites

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Engineering

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DEVELOPMENT, LLC

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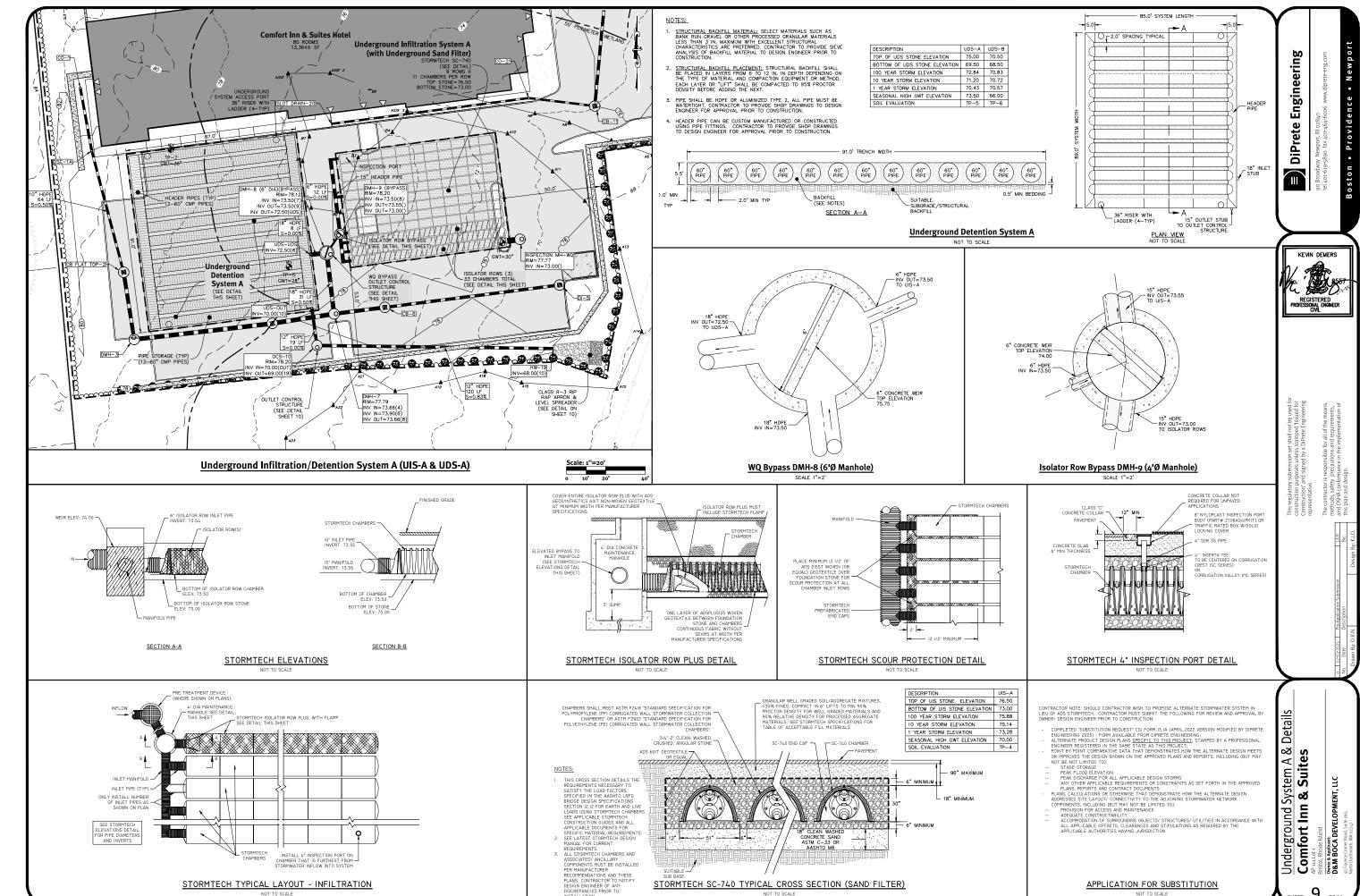
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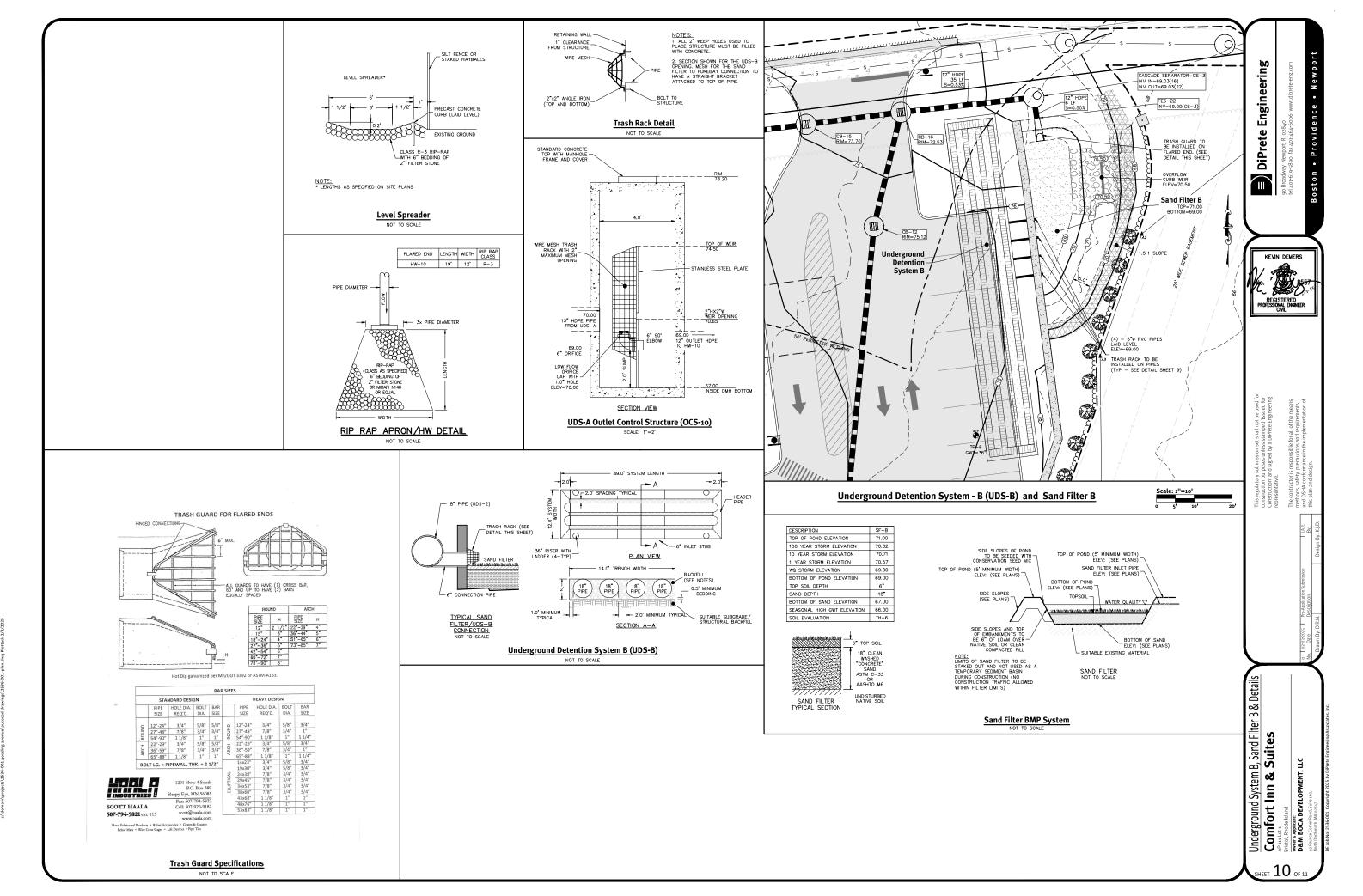
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PAVEMENT TIE IN DETAIL - RIDOT

8 OF 11



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2"X2"X36" WOODEN STAKES PLACED 10' O.C. FILTREXX(R) SOXX(TM) (12" TYPICAL) (OR APPROVED EQUAL) BLOWN/PLACED FILTER MEDIA WORK AREA AREA TO BE PROTECTED 2"X2"X36" WOODEN STAKES PLACED 10' O.C. NOTES: 1. ALL MATERIAL TO MEET FILTREXX(R) SPECIFICATIONS 2. FILTER MEDIA(TM) FILL TO MEET APPLICATION REQUIREMENTS. 3. COMPOST MATERIAL TO BE DISPERSED ON STE, AS DETERMINED BY ENGINEER 3. PAYMENTA AREAS. 5. SELF WEIGHT OF FILTREXX SYSTEM IS ADEQUATE TO PREVENT SYSTEM MOVEMENT ONCE POSITIONED ALONG AREA SHOWN ON THE PLANS 5. COMPOST OF THE PLANS 6. COMPOST ONCE APPROVED EQUAL AROUND ALL CURB INLET LOCATIONS AS SPECIFIED ON PLANS. AREA TO BE PROTECTED WATER FLOW WORK AREA FILTREXX(R) SOXX(TM) (12" TYPICAL) (OR APPROVED EQUAL) <u>PLAN</u>

Filtrexx Sediment Control (or Approved Equal)

NOT TO SCALE

GENERAL NOTES:

- THE TEMPORARY SEDIMENT TRAP SHALL MEET ALL REQUIREMENTS FOR TEMPORARY SEDIMENT TRAPS OUTLINED IN THE RHODE ISLAND SOIL BROSION AND SEDIMENT CONTROL MANDBOOK (LATEST REVISION) SECTION SIX: SEDIMENT CONTROL MEASURES
- THE TEMPORARY SEDIMENT TRAP SHALL HAVE AN INITIAL STORAGE VOLUME OF 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA.
- 3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER EXCEPT FOR THE EXCAVATED WET STORAGE AREA WHERE SLOPES SHALL NOT EXCEED 1.5:1.

 3. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
- THE OUTLET SHALL BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET. THE OUTLET CONSISTS OF A PERVIOUS STONE DIKE WITH A CORE OF MODIFIED RIPRAP AND FACED ON THE UPSTREAM SIDE WITH STONE.
- 6. TEMPORARY SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED GROUND.
- 7. MAXIMUM HEIGHT OF A TEMPORARY SEDIMENT TRAP EMBANKMENT IS LIMITED TO 5 FEET.
- 8. SIDE SLOPES OF THE EMBANKMENT SHALL BE 2:1 OR FLATTER.
- MODIFIED RIPRAP: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2.
- 10. FILTER STONE: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.01.03 TABLE 1, COLUMN V FILTER STONE.

SEDIMENT TRAP DIMENSIONS	TRAF	P 1
TRIBUTARY DRAINAGE AREA	1.15	ac
WET STORAGE DEPTH (Dw)	2.00	ft
DRY STORAGE DEPTH (Dd)	2.00	ft
TOTAL DEPTH (D)	4.00	ft
BOTTOM OF TRAP AREA (Ab)	850	sq.ft
WETTED SURFACE AREA (Aw)	1,400	sq.ft
SURFACE AREA AT OUTLET (Ad)	2,030	sq.ft

AREA ELEVATION (Aw)

Dd V DRY STORAGE VOLUME (Vd)

WET STORAGE VOLUME (Vw)

SECTION VIEW

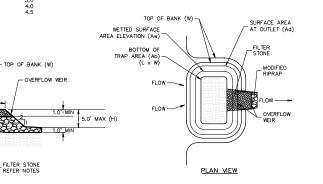
TOP WDTH VS HEIGHT H=HEIGHT OF EMBANKMENT W=TOP WIDTH OF EMBANKMENT W (ft) 2.0

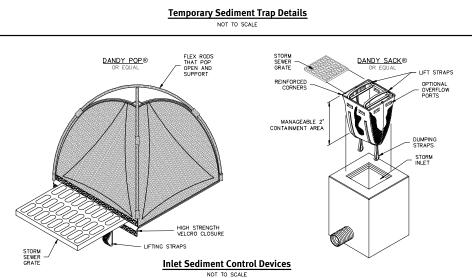
SURFACE AREA AT OUTLET (Ad)

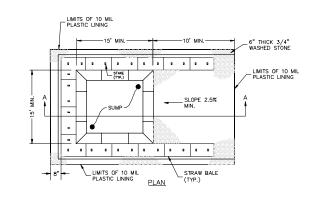
INSPECTION, MAINTENANCE, AND REMOVAL REQUIREMENTS:

- INSTALL "SEDIMENT STORAGE" STAKE WITH A MARKER AT ONE HALF OF THE WET STORAGE VOLUME.
- INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
- 4. CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE
- WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
- 6. DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA
- THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

- CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
- REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
- EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
- 4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARCE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED
- STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES, SEEDING FOR TEMPORARY VEGETATION COVER; SEEDING FOR PERMANENT VEGETATIVE COVER; OR SLOPE PROTECTION, IMMEDIATELY AFTER INSTALLATION







KEY IN REMOVABLE LINING SLOPE 2.5% MIN. - STRAW BALE _ 10 MIL PLASTIC ALTERNATE SECTION
USE WHERE MORE THAN ONE ACCESSIBLE SIDE IS NEEDED SECTION A-A

1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.

2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.

4. FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED

6. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE WATERS.

7. MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
2. FOR CURB SETTING DETAIL REFERENCE STD. 7.6.0.
3. MEETS OR EXCEEDS QUIDELINES OF RIDOT STANDARD DETAIL 43.1.0.

AS SPECIFIED ON THE PLANS

1:67 (1.5%) MAXIMUM

CONCRETE WASHOUT AREA (NOT TO SCALE)

ALL CONCRETE TRUCKS SHALL WASHOUT HERE

WASHOUT SIGN

SIGNAGE OTHER THAN ACCESSIBLE (PED XING, STOP, ETC.) OF THE BOTTOM OF THE LOWEST SIGN SHALL BE **Bollard Mounted Sign Detail**

4" WHITE STRIPING 2" O.C. AT 45 (REFERENCE MUTCD FIGURE 38-22 IN CONFORMANCE WITH ADA REGULATIONS) LENGTH OF PARKING SPACE AS SHOWN ON SITE PLAN TYPICAL VAN ACCESSIBLE
PARKING SPACE (REFERENCE MUTCE FIGURE 38-22 IN CONFORMANCE WITH ADA REGULATIONS LENGTH OF PARKING SPACE AS SHOWN ON SITE PLAN TYPICAL ACCESSIBLE PARKING SPACE

Typical Accessible Parking Spaces NOT TO SCALE

INSTALLATION NOTES:

ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS, LATEST ADDITION.

NOT TO SCALE

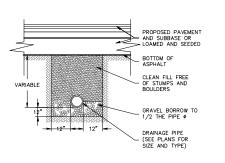
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.

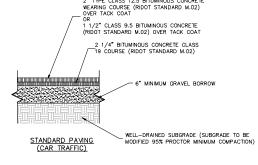
"U"-CHANNEL POST -(2 POUNDS PER FOOT)

USE 6" PIPE BOLLARD FILLED WITH CONCRETE AND PAINTE PAINTED YELLOW OR A SPECIFIED ON LANDSCAPE PLANS

SLOPE TOP

- 3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III, THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SECRETICATION TO ENGNEER. ONLESS OTHERWISE NOTED BY THE ENGINEER, MINMUM BEDDING THICKNESS SHALL BE 4" (100MM) FOR 4"-24" (100MM-600MM); 6" (150MM) FOR 30"-60"
 750MM-900MM).
- 5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6° ABOVE OROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
- 6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12° FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION, FOR ITAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12° UP TO 48° Ø PIPE, BAD 24° OF COVER FOR 54°-60° Ø PIPE. MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAYEMENT OR TO TOP OF RIGID PAYEMENT.





Typical Pavement Section

NOTE:
THIS PAYMENT SECTION DETAIL REFLECTS MINIMUM REQUIREMENTS.
ENGINEER TO DETERMINE DESIGN BASED ON GEOTECHNICAL DATA OF
SPECIFIC PROJECT AND DAILY TRAFFIC DESIGN REQUIREMENT. 2" TYPE CLASS 12.5 BITUMINOUS CONCRETE WEARING COURSE (RIDOT STANDARD M.O2) OVER TACK COAT

Suites Ø

Detail Sh Comfort I

EET 11 OF 11

Engineering

DiPrete

KEVIN DEMERS

_ 4" CEMENT CONCRETE SIDEWALK WITH 6x6-W1.4xW1.4 WWF

Cement Concrete Sidewalk NOT TO SCALE

DEVELOPMENT, LLC

NOT TO SCALE

HDPE Trench Detail

