

DUMPSTER NOTES

1. STOCKADE FENCE SHALL BE 6' HIGH WOOD PICKET OR BOARD PANELS WITH 4" DIA. PRESSURE TREATED POSTS STAINED OR SEALED PER OWNER'S CHOICE.
2. DUMPSTER GATES SHALL BE WELDED GALV. STEEL PIPE WITH ATTACHED WOOD PICKETS OR BOARDS TO MATCH FENCE.
3. DUMPSTER GATES SHALL BE MOUNTED ON 3" DIA. CONC. FILLED STEEL POSTS WITH WELDED PIVOT HINGES. POSTS SHALL BE SET IN 12" DIA. CONC. FOOTINGS 30" DEEP. POSTS SHALL BE GALVANIZED AND PAINTED TO MATCH FENCE.
4. ALL GATES SHALL BE FITTED WITH PADLOCK LOCKABLE HARDWARE.
5. FENCE AND HARDWARE SHALL BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS.

PARKING REQUIREMENTS

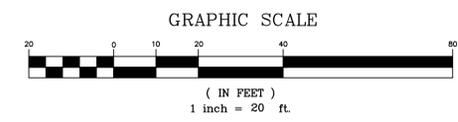
RESIDENTIAL USE: 2 P.S. PER DWELLING UNIT
 REQUIRED PARKING = 26 SPACES
 ON SITE PARKING SPACES = 18 SPACES
 ON SITE GARAGE SPACES = 8 SPACES
 ON STREET PARKING SPACES = 12 SPACES
 PROVIDED PARKING = 38 SPACES
 PARKING SPACES TO BE 9'X18' TYPICAL
 COMPACT CAR SPACES TO BE 9'X16' TYPICAL
 HANDICAP SPACE TO BE 8'X18' WITH 5' WIDE ACCESS AISLE

LOT COVERAGE

BUILDINGS	7,096 S.F.	35.4%
BIT. PAVEMENT	7,786 S.F.	38.8%
CONC. WALKS/PADS	902 S.F.	4.5%
PAVER PATIOS	291 S.F.	1.5%
LANDSCAPED	3,966 S.F.	19.8%
TOTAL	20,041 S.F.	

CIVIL SHEET INDEX

- C1 SITE LAYOUT PLAN
- C2 SITE DEMO & EROSION CONTROL PLAN
- C3 SITE GRADING & DRAINAGE PLAN
- C4 SITE UTILITY PLAN
- C5 SITE DRAINAGE DETAILS
- C6 SITE CONSTRUCTION DETAILS



- GENERAL NOTES**
1. PROPERTY LINE AND TOPOGRAPHIC INFORMATION FROM PLANS PREPARED BY DOUGLAS DESIGN GROUP. ELEVATION DATUM IS NAVD88.
 2. PROPERTY CORNERS SHALL BE SET BY THE PROJECT SURVEYOR AFTER THE COMPLETION OF SITE CONSTRUCTION.
 3. THE SITE IS IN AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AREA OF MINIMAL FLOOD HAZARD AS DEPICTED ON FEMA FIRM NO. 44007C0309K DATED OCT. 2, 2015.
 4. LOCATION OF EXISTING UTILITIES IS APPROXIMATE ONLY. DIG SAFE AND APPROPRIATE UTILITY AUTHORITIES SHALL BE NOTIFIED PRIOR TO CONSTRUCTION.
 5. THE PROJECT SHALL BE SERVICED BY EXISTING UTILITIES LOCATED IN IVY PLACE AND TAUNTON AVENUE. SERVICES SHALL BE UPGRADED AS REQUIRED.
 6. ALL SITE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE DEM RIDDES PERMIT XXXXXX.
 7. SEE LANDSCAPE PLANS FOR DETAILS OF YARD FENCES AND PLANTINGS.
 8. SEE SHEET C3 FOR SITE DRAINAGE AND GRADING.
 9. SEE SHEET C4 FOR SITE UTILITIES.

DEVELOPMENT DATA

UNITS 1 TO 8 ARE THREE BEDROOM RESIDENTIAL TOWNHOMES WITH A ONE CAR GARAGE
 UNIT 9 IS A THREE BEDROOM HANDICAP ACCESSIBLE TOWNHOME
 UNITS 10 TO 13 ARE TWO BEDROOM WORK/LIVE UNITS

LEGEND:

- RE-BAR IRON ROD
- DH DRILL HOLE
- P-2 EXIST. UTILITY POLE
- EXIST. LIGHT POLE
- CB EX. DRAINAGE CATCH BASIN
- DMH EX. DRAINAGE MANHOLE
- SMH EX. SEWER MANHOLE
- TMH EX. TELEPHONE MANHOLE
- EXIST. TREE TO REMAIN
- PROP. STREET TREE
- PROP. CATCH BASIN
- PROP. LIGHT POLE
- PROP. WOOD STOCKADE FENCE
- PROP. VINYL FENCE
- PROP. CHAIN LINK FENCE
- PROP. SAND FILTER

ZONING DATA

ZONE: TAUNTON AVENUE TA
 WATERFRONT SPECIAL DEVELOPMENT DISTRICT
 HIGH DENSITY RESIDENTIAL
 MIN. LOT SIZE: N/A
 MIN. YARDS: FRONT 5'
 SIDE ZERO OR 5' **
 REAR N/A
 MAX. HEIGHT: 4 STORIES
 MAX. BUILDING COVERAGE: 70%
 ** WAIVERS ARE NEEDED FOR SIDE YARDS
 4.2' ON IVY STREET WHERE 5' IS REQUIRED
 4.0' ON TAUNTON AVE. WHERE 5' IS REQUIRED

I DO HEREBY CERTIFY THIS RECORD PLAT HAS MET THE REQUIREMENTS OF THE EAST PROVIDENCE LAND DEVELOPMENT AND SUBDIVISION REVIEW RULES AND REGULATIONS AND IS NOW ELIGIBLE FOR RECORDING
 ADMINISTRATIVE OFFICER DATE

I DO HEREBY CERTIFY THAT THE LOTS SHOWN ON SUBDIVISION PLAT MEET THE SCHEDULE OF AREA AND OTHER DIMENSIONAL PROVISIONS OF CHAPTER 19 ZONING, OF THE REVISED ORDINANCES OF EAST PROVIDENCE
 ZONING OFFICER DATE

CITY CLERK'S OFFICE

OWNER

WOONSOCKET NEIGHBORHOOD DEVELOPMENT CORP.
 719 FRONT STREET SUITE 103
 WOONSOCKET, RI 02895
 401-762-0993

REVISION	DATE	EPWC REVIEW COMMENTS
	10-27-20	

SCOTT F. MOOREHEAD
 REGISTERED PROFESSIONAL ENGINEER
 NO. 02896

APPLICANT & DEVELOPER
 NEIGHBORWORKS BLACKSTONE RIVER VALLEY AND DEMETER, LLC.
 719 FRONT STREET SUITE 103
 WOONSOCKET, RI 02895
 401-762-0993

IVY PLACE REDEVELOPMENT
 NEIGHBORWORKS BLACKSTONE RIVER VALLEY
 MAP 106, BLOCK 7, LOT 12
 15 IVY STREET & TAUNTON AVENUE
 EAST PROVIDENCE, RHODE ISLAND

S.F.M. ENGINEERING ASSOCIATES
 410 TOGUE AVENUE
 COVENTRY, RI 02816
 PHONE: 401-826-3736
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 SCOTT.SFM@LANVICBB.NET

SFM

DRN. BY: SFM
 CHK. BY: JZL
 SCALE: 1"= 20'
 DATE: OCT. 5, 2020
 DWG: SFM884-SF-C
 SHEET 1 OF 6
 PRELIMINARY EPWC SUBMISSION

4" (MIN.) OF CRUSHED STONE

SQUARE MESH SIEVES	RIDOT 2" CRUSHED STONE OR GRAVEL	% FINER
2 1/2"		100
2"		95-100
1 1/2"		30-55
1 1/4"		0-25
1"		0-5

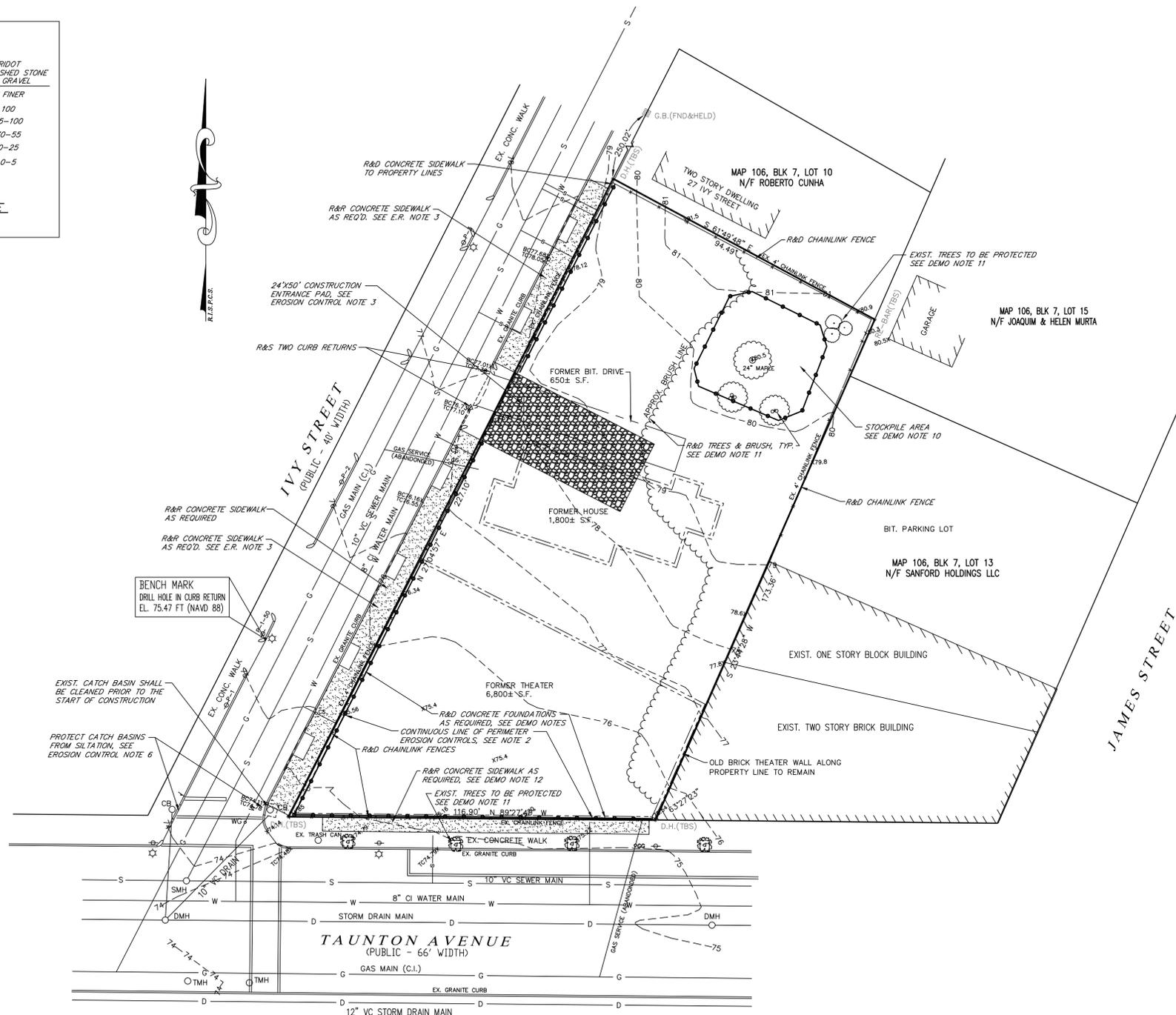
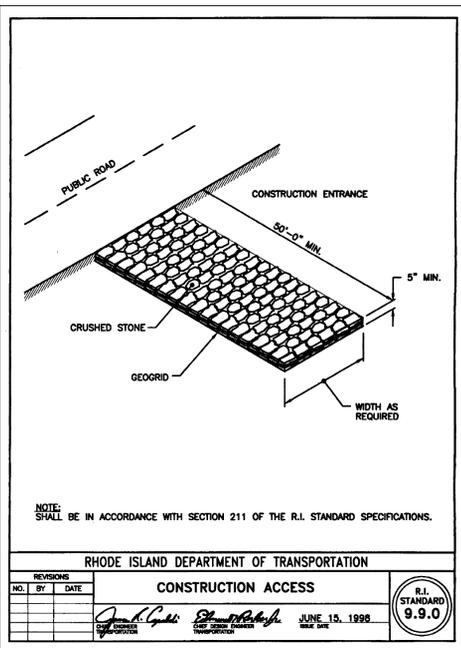
6" GRAVEL BASE OR FILTER FABRIC

REFERENCE R.I. SOIL EROSION & SEDIMENT CONTROL HANDBOOK SECTION 6

INSTALL PER R.I. STD. DETAIL 9.9.0

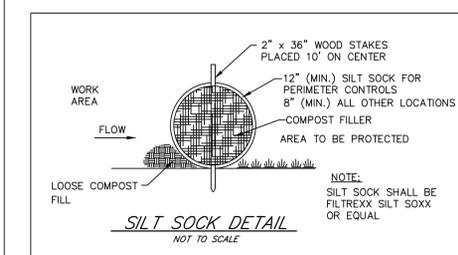
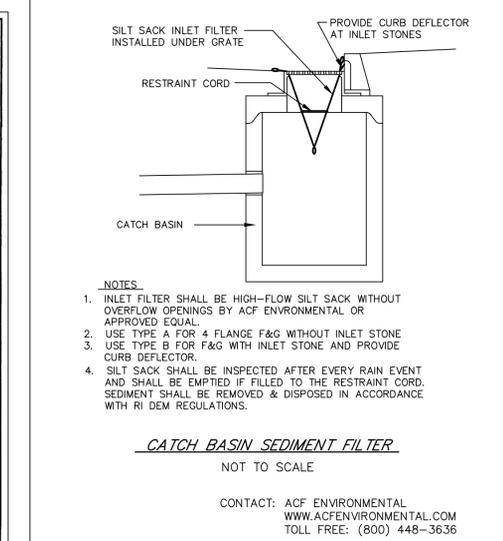
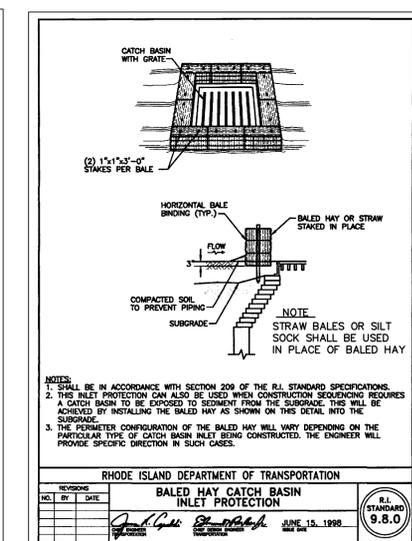
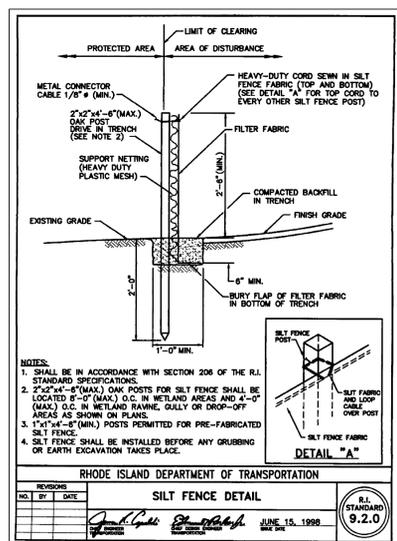
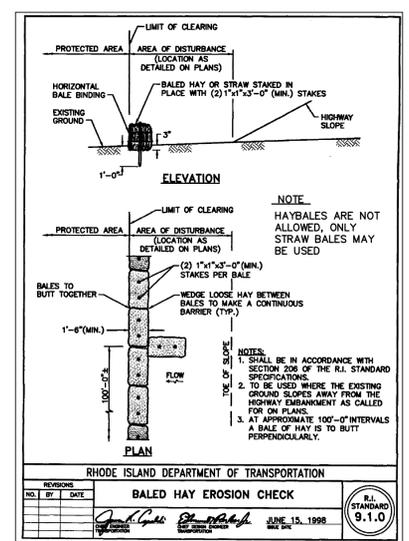
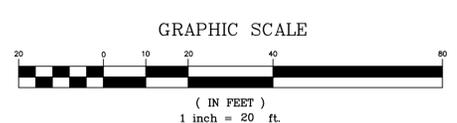
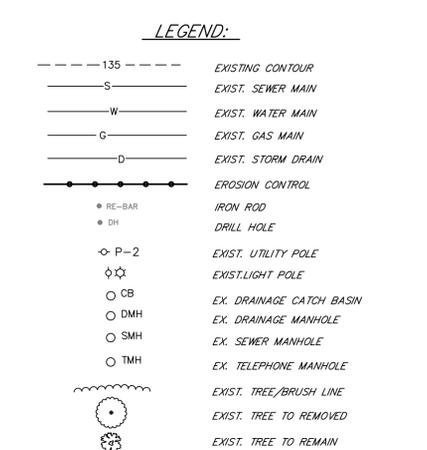
ROCK STABILIZATION PAD AT CONSTRUCTION ENTRANCE

NOT TO SCALE

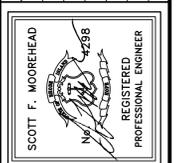


- EROSION CONTROL NOTES:**
- INSTALLATION OF EROSION CONTROL MEASURES SHALL BE THE FIRST ITEM OF WORK AND SHALL BE MAINTAINED BY THE SITE CONTRACTOR UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
 - STRAW BALE, SILT SOCK OR SILT FENCE EROSION CHECKS SHALL BE INSTALLED AT ALL DOWNGRADIENT LIMITS OF DISTURBANCE FOR DRIVEWAY AND SITE DEVELOPMENT PRIOR TO CONSTRUCTION.
 - CRUSHED STONE CONSTRUCTION ENTRANCES FROM IVY STREET SHALL BE INSTALLED PRIOR TO OTHER EARTH DISTURBING ACTIVITIES AND SHALL BE MAINTAINED AS CONSTRUCTION ENTRANCES UNTIL PARKING LOTS ARE READY FOR PAVING. EXISTING CONCRETE WALKS AND DRIVEWAY ENTRANCES SHALL NOT BE REMOVED UNTIL JUST PRIOR TO INSTALLATION OF NEW CONCRETE WALKS AND DRIVEWAYS.
 - ALL DISTURBED AREAS NOT PAVED SHALL BE STABILIZED WITH 4" LOAM & SEED/SOD, RIP-RAP OR MULCHED LANDSCAPE BEDS IN ACCORDANCE WITH THE LANDSCAPE PLANS.
 - ALL WORK SHALL BE ACCURATELY LOCATED AND CONSTRUCTION STAKED PRIOR TO ANY CLEARING OR EARTH DISTURBANCE.
 - SEDIMENT BARRIERS OR SILT SOCKS SHALL BE INSTALLED AT ALL CATCH BASINS ADJACENT TO THE SITE PRIOR TO THE START OF SITE DEMOLITION OR EXCAVATION AND SHALL BE MAINTAINED UNTIL THE SITE IS FULLY STABILIZED.
 - SEE SHEET C6 FOR EROSION CONTROL NOTES AND ADDITIONAL DETAILS.

- DEMOLITION NOTES:**
- ONLY MAJOR ITEMS OF DEMOLITION ARE NOTED ON THE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT THE SITE AND REVIEW THE PROJECT PLANS AND DOCUMENTS TO DETERMINE THE EXTENT OF STRUCTURES, UTILITIES, DRAINS AND APPURTENANCES THAT NEED TO BE DEMOLISHED, REMOVED OR MODIFIED.
 - ALL ITEMS, MATERIALS, SOIL AND STRUCTURES DEMOLISHED OR REMOVED SHALL BE HANDLED & DISPOSED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.
 - THE CONTRACTOR IS RESPONSIBLE TO CONFIRM ACTUAL SITE CONDITIONS. SFM ENGINEERING, DOUGLAS DESIGN GROUP AND UNION STUDIO ARCHITECTS ACCEPT NO RESPONSIBILITY FOR UNKNOWN SITE AND SUBSURFACE CONDITIONS.
 - THE LOCATION, SIZE AND MATERIAL OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES SHOWN ARE FROM BEST AVAILABLE INFORMATION AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF UTILITIES AND STRUCTURES AND SHALL EXCAVATE TEST PITS AS REQUIRED. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT DAMAGE TO ABOVE GROUND AND SUBSURFACE UTILITIES AND STRUCTURES. DAMAGE CAUSED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT NO COST TO THE OWNER. RESTORATION OR REPLACEMENT SHALL BE TO CONDITIONS AT LEAST EQUAL TO THAT PRIOR TO THE DAMAGE AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL OF THE UTILITY AUTHORITY.
 - ALL WORK WITHIN THE CITY RIGHT OF WAY OR ON CITY PROPERTY SHALL BE DONE IN CONFORMANCE WITH CITY STANDARDS. DAMAGE TO ANY CITY PROPERTY SHALL BE RESTORED TO THE CITY'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER.
 - ALL ITEMS DESIGNATED AS REMOVE AND DISPOSE (R&D) SHALL BE TAKEN FROM THE SITE AND LEGALLY DISPOSED IN ACCORDANCE WITH ALL STATE AND FEDERAL REGULATIONS UNLESS THEY ARE SUITABLE FOR RE-USE ON SITE.
 - ALL ITEMS DESIGNATED AS REMOVE AND SALVAGE (R&S) SHALL BE REMOVED CAREFULLY AND STOCKPILED FOR RE-USE. ANY R&S ITEMS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE. EXCESS STOCKPILED MATERIALS SHALL BE REMOVED, SEE DEMO NOTE 6.
 - DEBRIS OF ANY NATURE SHALL NOT BE ALLOWED TO ACCUMULATE ON ADJUTING PROPERTIES. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD AND SHALL REMOVE WASTE MATERIAL WEEKLY.
 - DURING THE DEMOLITION AND EXCAVATION PROCESS THE CONTRACTOR SHALL USE SUFFICIENT WATER OR OTHER METHODS TO PREVENT EXCESSIVE SPREADING OF DUST.
 - STOCKPILE AREAS FOR SOILS & OTHER ERODIBLE MATERIALS SHALL BE SURROUNDED BY A CONTINUOUS LINE OF EROSION CONTROLS.
 - EXISTING STREET TREES AND HEALTHY TREES WITHIN PROPOSED LANDSCAPE AREAS SHALL REMAIN & BE PROTECTED AS SPECIFIED ON THE LANDSCAPE ARCHITECTS PLANS.
 - SIDEWALKS TO BE REMOVED SHALL BE NEATLY CUT AT EXISTING CONSTRUCTION JOINTS WHERE POSSIBLE. NEW SIDEWALKS SHALL BE CONSTRUCTED TO CITY STANDARDS AND SHALL MATCH ADJOINING SIDEWALK SURFACE FINISH.



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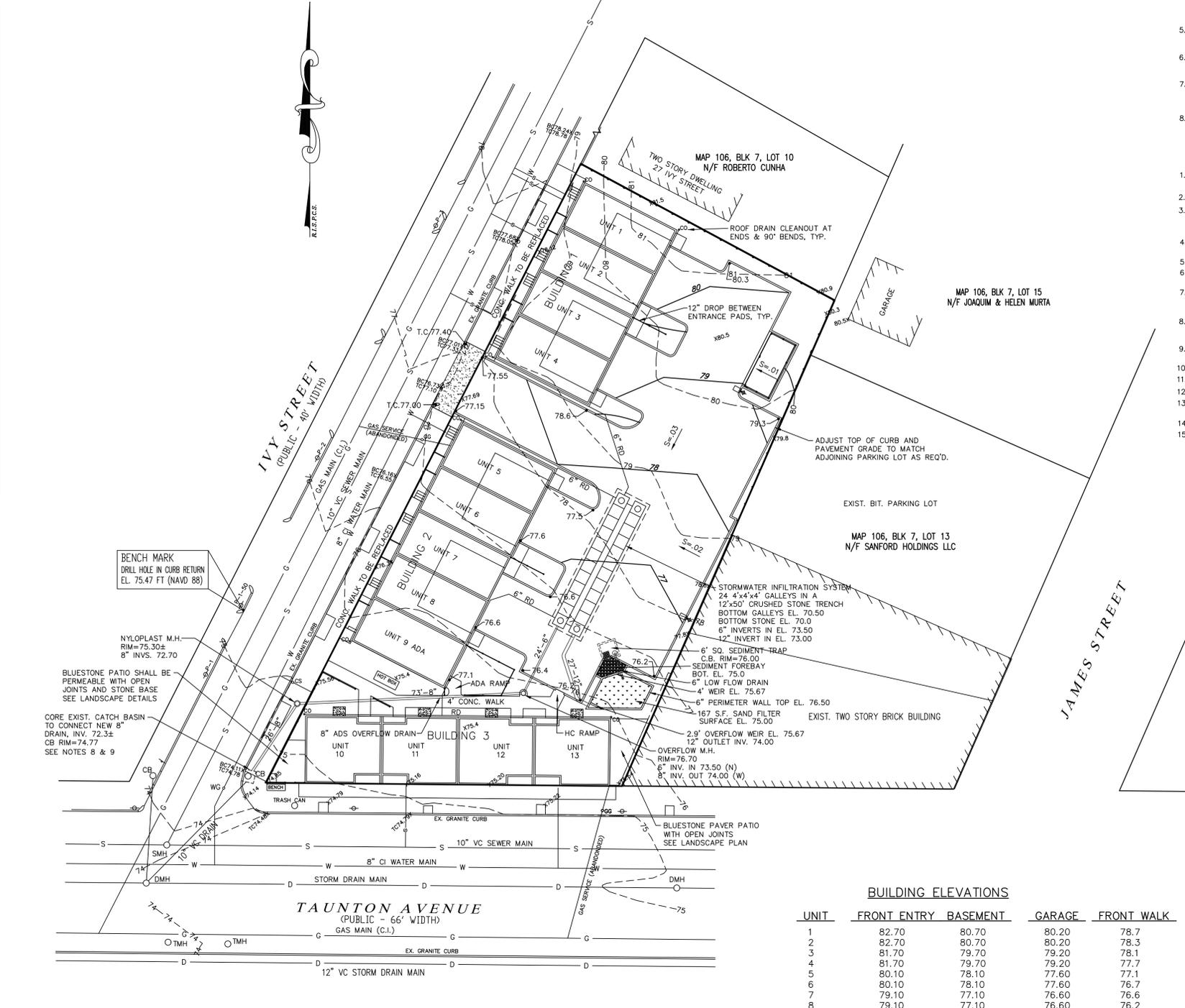
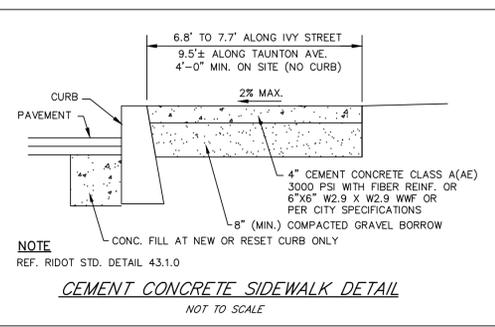
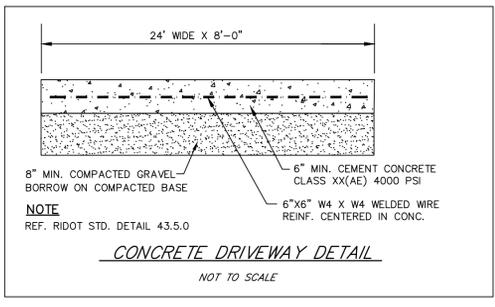
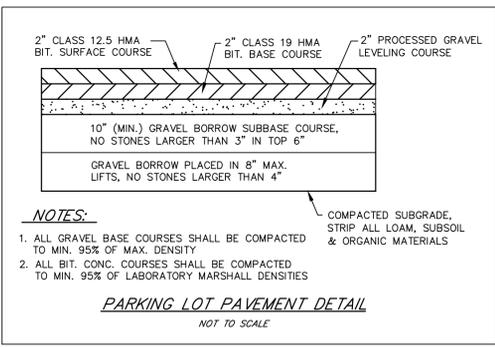
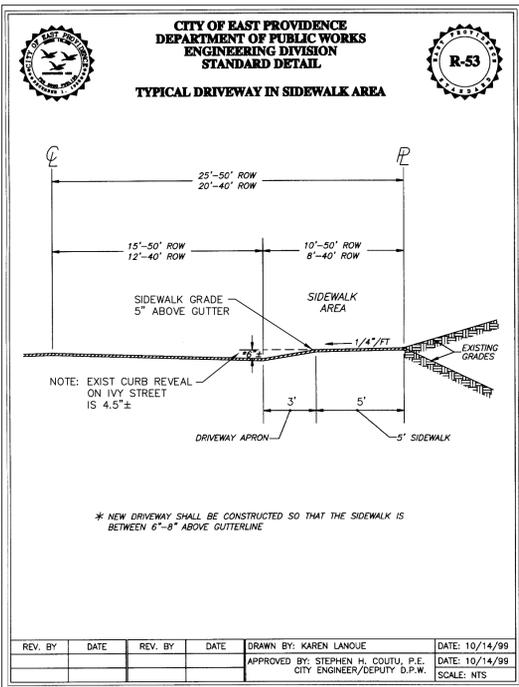
IVY PLACE REDEVELOPMENT
 NEIGHBORWORKS BLACKSTONE RIVER VALLEY
 MAP 106, BLOCK 7, LOT 12
 15 IVY STREET & TAUNTON AVENUE
 EAST PROVIDENCE, RHODE ISLAND

SITE DEMO & EROSION CONTROL

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SFM

DRN. BY: SFM
 CHK. BY: JZL
 SCALE: 1" = 20'
 DATE: OCT. 5, 2020
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 SHEET 2 OF 6
 PRELIMINARY EPWC SUBMISSION



BUILDING ELEVATIONS

UNIT	FRONT ENTRY	BASEMENT	GARAGE	FRONT WALK
1	82.70	80.70	80.20	78.7
2	82.70	80.70	80.20	78.3
3	81.70	79.70	79.20	78.1
4	81.70	79.70	79.20	77.7
5	80.10	78.10	77.60	77.1
6	80.10	78.10	77.60	76.7
7	79.10	77.10	76.60	76.6
8	79.10	77.10	76.60	76.2
9 ADA	77.10	-	-	75.9

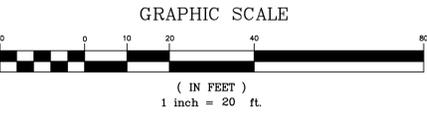
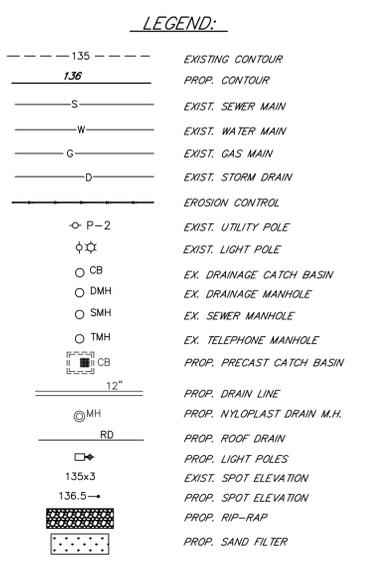
**ENTRY HALL ELEVATIONS (UNITS 1-8) 24\"/>

UNIT	FRONT ENTRY	FRONT WALK	REAR ENTRY	REAR WALK
10	75.20	75.1	77.00	76.6
11	75.20	75.1	77.00	76.6
12	75.50	75.4	77.30	76.6
13	75.50	75.4	77.30	76.4

FRONT ENTRY WALKS OF UNITS 10-13 SHALL COMPLY WITH ADA REQUIREMENTS
TOP OF FOUNDATION VARIES, SEE ARCHITECTURAL PLANS**

- STORMWATER SYSTEM MAINTENANCE PLAN**
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE STORMWATER SYSTEM FACILITY PROTECTION, INSPECTION AND MAINTENANCE PRIOR TO, DURING AND POST CONSTRUCTION UNTIL FINAL ACCEPTANCE OF CONSTRUCTION BY THE OWNER.
 - SAND FILTER AREA AND GALLEY SYSTEM AREA SHALL BE PROTECTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO PREVENT BOTTOM AREA COMPACTION.
 - SAND FILTER & SEDIMENT FOREBAY SHALL BE MAINTAINED ACCORDING TO THE SAND FILTER MAINTENANCE SCHEDULE.
 - THE CATCH BASIN SHALL BE CLEANED & MAINTAINED A MINIMUM OF TWICE PER YEAR (SPRING & FALL). ACCUMULATED SILT, SAND & DEBRIS SHALL BE REMOVED AND DISPOSED. OIL SHALL BE TAKEN TO A LICENSED WASTE FACILITY.
 - THE GALLEY INFILTRATION SYSTEM SHALL BE MAINTAINED ACCORDING TO THE INFILTRATION SYSTEM MAINTENANCE SCHEDULE.
 - ALL PAVED AREAS SHALL BE SWEEP AS NEEDED. ACCUMULATED SILT, SAND & DEBRIS SHALL BE REMOVED AND DISPOSED.
 - UPON FINAL ACCEPTANCE OF THE CONSTRUCTION, THE OWNER SHALL BE RESPONSIBLE FOR INSPECTION & MAINTENANCE OF THE PAVEMENT, CATCH BASIN, MANHOLES, SEDIMENT FOREBAY, SAND FILTER AREA, INFILTRATION GALLEYS AND ROOF DRAINS.
 - SEE SHEET C5 FOR DETAILS AND MAINTENANCE NOTES.

- DRAINAGE & GRADING NOTES**
- CATCH BASIN SHALL BE 6' SQUARE PRECAST CONC. WITH 5' SUMP RI STD. 4.3.0 OR EQUIVALENT VOLUME WITH FRAME & GRATE RI STD. 6.3.2
 - DRAINAGE PIPING SHALL BE HDPE ADS N-12 ST (SOIL TIGHT) OR SDR-35 PVC.
 - ALL CATCH BASINS, DRAINAGE INLETS AND OUTLETS SHALL HAVE STAKED STRAW BALE OR SILT SOCK PERIMETER EROSION CHECKS WHICH SHALL BE MAINTAINED AND REPLACED AS REQUIRED UNTIL THE SITE IS FULLY STABILIZED.
 - EXISTING UTILITY AND DRAINAGE STRUCTURES, COVERS, VALVE BOXES, ETC SHALL BE ADJUSTED TO MATCH NEW FINISH SURFACES.
 - PROP. ELEVATIONS AT CURB ARE BOTTOM OF CURB UNLESS NOTED T.C. (TOP OF CURB)
 - GRADING AT ALL SIDEWALK RAMPS SHALL COMPLY WITH RI STD. 433.0 OR 433.1 ALL WALKS AND RAMPS SHALL HAVE A MAXIMUM SLOPE OF 5%.
 - SIDEWALK GRADES AT DOORWAYS ARE INTENDED TO MATCH THRESHOLDS. WALK GRADING SHALL BE COORDINATED WITH THE ARCHITECTURAL PLANS. SIDEWALK GRADING SHALL COMPLY WITH ADA STANDARDS.
 - ALL SITE WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE REQUIREMENTS OF RIOT AND EAST PROVIDENCE STANDARD SPECIFICATIONS AND STANDARD DETAILS UNLESS SPECIFICALLY NOTED OTHERWISE.
 - ALL DRAINAGE WORK WITHIN THE CITY STREET SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY EAST PROVIDENCE DPW.
 - PROP. GRANITE AND CONCRETE CURBS TO HAVE 6" CURB REVEAL.
 - EXIST. GRANITE CURB ALONG IVY STREET HAS A 4.5"± CURB REVEAL.
 - STORM DRAINS AND STRUCTURES SHALL BE PROTECTED FROM SILTATION AT ALL TIMES.
 - SEE ARCHITECT'S PLANS FOR LOCATION OF ROOF DOWNSPOUTS & DRAIN CONNECTIONS. ROOF DRAIN LAYOUT SHALL BE MODIFIED AS REQUIRED TO PICK UP ALL DOWNSPOUTS.
 - SEE SHEET C5 FOR SITE & ROOF DRAINAGE DETAILS.
 - SEE SHEET C4 FOR LOCATION OF PROPOSED SITE UTILITIES.



REVISION
DATE 10-27-20
EPWC REVIEW COMMENTS

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NEIGHBORWORKS BLACKSTONE RIVER VALLEY AND DEMETER, LLC.
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SITE GRADING & DRAINAGE PLAN

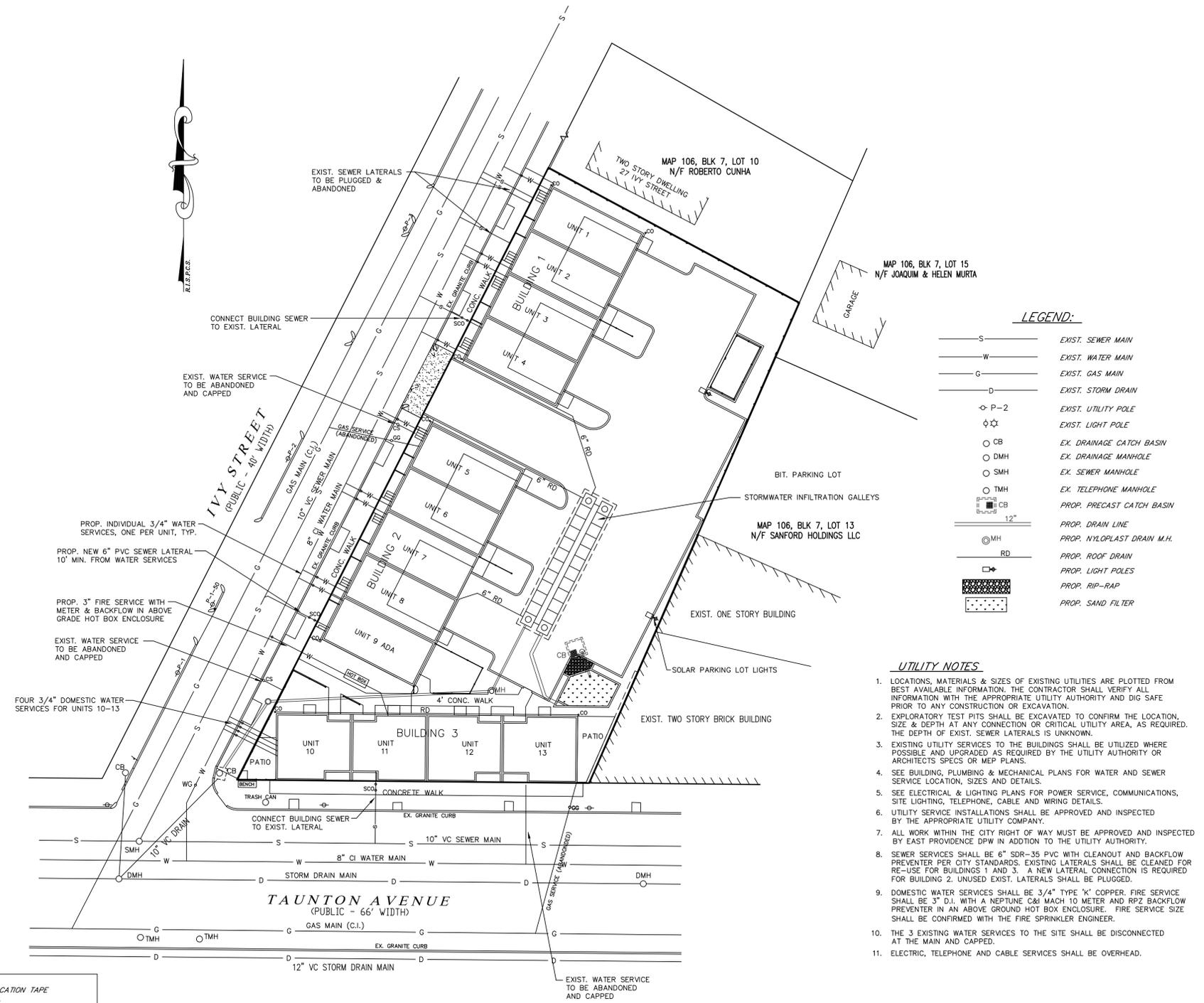
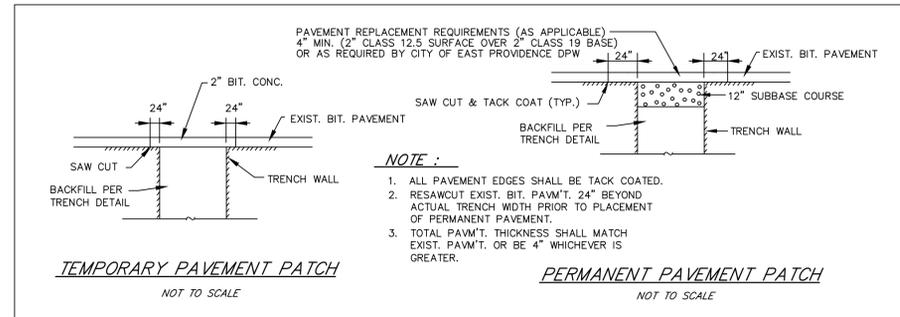
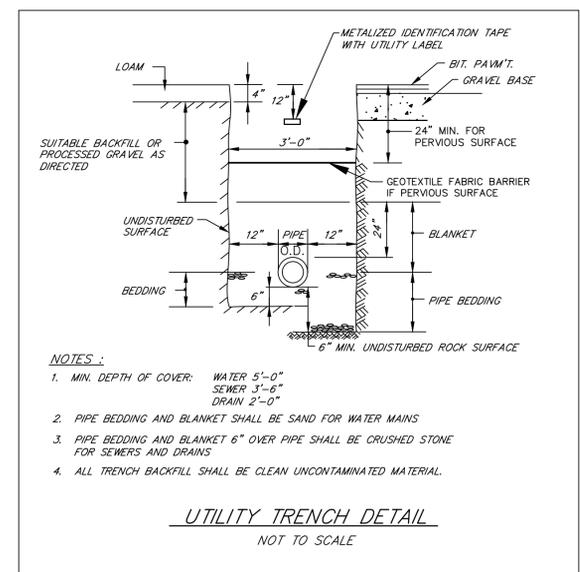
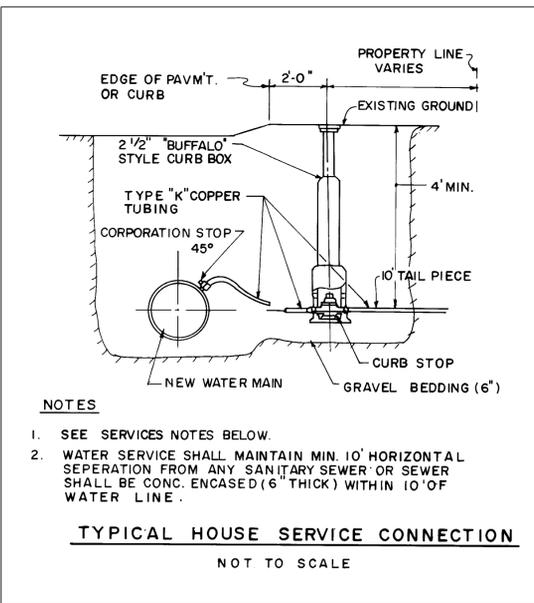
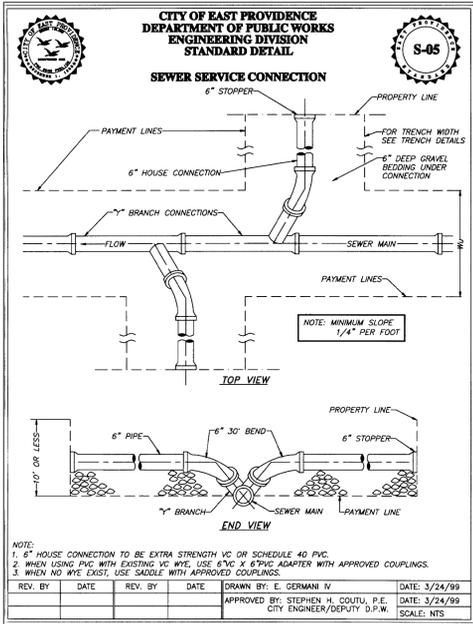
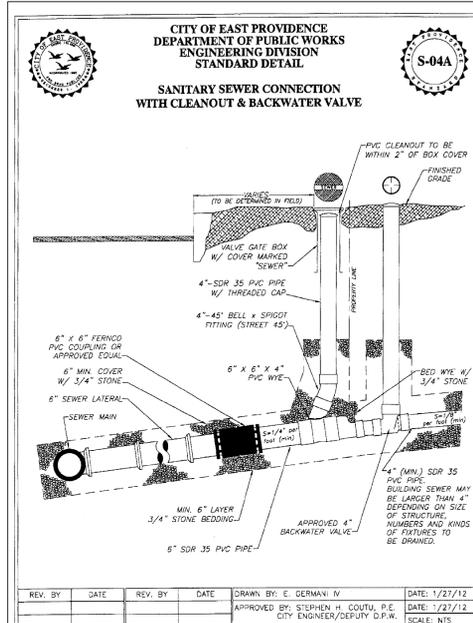
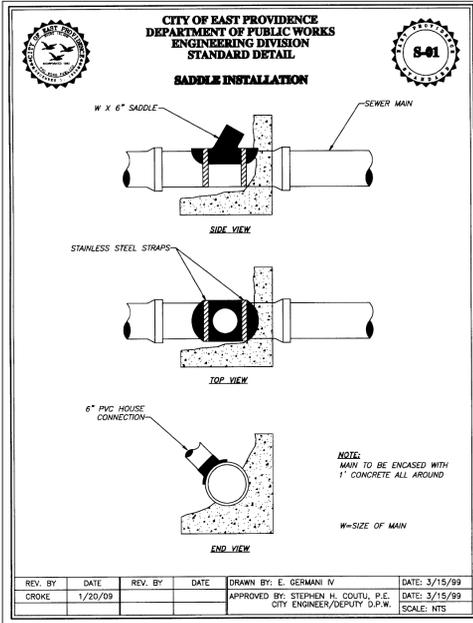
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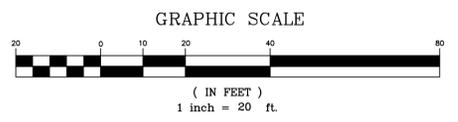
C3



LEGEND:

S	EXIST. SEWER MAIN
W	EXIST. WATER MAIN
G	EXIST. GAS MAIN
D	EXIST. STORM DRAIN
○ P-2	EXIST. UTILITY POLE
○	EXIST. LIGHT POLE
○ CB	EX. DRAINAGE CATCH BASIN
○ DMH	EX. DRAINAGE MANHOLE
○ SMH	EX. SEWER MANHOLE
○ TMH	EX. TELEPHONE MANHOLE
○ CB	PROP. PRECAST CATCH BASIN
○	PROP. DRAIN LINE
○ MH	PROP. NYLOPLAST DRAIN M.H.
RD	PROP. ROOF DRAIN
○	PROP. LIGHT POLES
○	PROP. RIP-RAP
○	PROP. SAND FILTER

- UTILITY NOTES**
- LOCATIONS, MATERIALS & SIZES OF EXISTING UTILITIES ARE PLOTTED FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY ALL INFORMATION WITH THE APPROPRIATE UTILITY AUTHORITY AND DIG SAFE PRIOR TO ANY CONSTRUCTION OR EXCAVATION.
 - EXPLORATORY TEST PITS SHALL BE EXCAVATED TO CONFIRM THE LOCATION, SIZE & DEPTH AT ANY CONNECTION OR CRITICAL UTILITY AREA, AS REQUIRED. THE DEPTH OF EXIST. SEWER LATERALS IS UNKNOWN.
 - EXISTING UTILITY SERVICES TO THE BUILDINGS SHALL BE UTILIZED WHERE POSSIBLE AND UPGRADED AS REQUIRED BY THE UTILITY AUTHORITY OR ARCHITECTS SPECS OR MEP PLANS.
 - SEE BUILDING, PLUMBING & MECHANICAL PLANS FOR WATER AND SEWER SERVICE LOCATION, SIZES AND DETAILS.
 - SEE ELECTRICAL & LIGHTING PLANS FOR POWER SERVICE, COMMUNICATIONS, SITE LIGHTING, TELEPHONE, CABLE AND WIRING DETAILS.
 - UTILITY SERVICE INSTALLATIONS SHALL BE APPROVED AND INSPECTED BY THE APPROPRIATE UTILITY COMPANY.
 - ALL WORK WITHIN THE CITY RIGHT OF WAY MUST BE APPROVED AND INSPECTED BY EAST PROVIDENCE DPW IN ADDITION TO THE UTILITY AUTHORITY.
 - SEWER SERVICES SHALL BE 6" SDR-35 PVC WITH CLEANOUT AND BACKFLOW PREVENTER PER CITY STANDARDS. EXISTING LATERALS SHALL BE CLEANED FOR RE-USE FOR BUILDINGS 1 AND 3. A NEW LATERAL CONNECTION IS REQUIRED FOR BUILDING 2. UNUSED EXIST. LATERALS SHALL BE PLUGGED.
 - DOMESTIC WATER SERVICES SHALL BE 3/4" TYPE "K" COPPER. FIRE SERVICE SHALL BE 3" D.I. WITH A NEPTUNE C&I MACH 10 METER AND RPZ BACKFLOW PREVENTER IN AN ABOVE GROUND HOT BOX ENCLOSURE. FIRE SERVICE SIZE SHALL BE CONFIRMED WITH THE FIRE SPRINKLER ENGINEER.
 - THE 3 EXISTING WATER SERVICES TO THE SITE SHALL BE DISCONNECTED AT THE MAIN AND CAPPED.
 - ELECTRIC, TELEPHONE AND CABLE SERVICES SHALL BE OVERHEAD.



REVISION

DATE 10-27-20 EPWC REVIEW COMMENTS

SCOTT F. MOOREHEAD
REGISTERED PROFESSIONAL ENGINEER
No. 4296

APPLICANT & DEVELOPER
NEIGHBORHOODS BLACKSTONE RIVER VALLEY AND DEMETER, LLC.
719 FRONT STREET SUITE 103
WOONSOCKET, RI 02895
401-762-0993

IIVY PLACE REDEVELOPMENT
NEIGHBORHOODS BLACKSTONE RIVER VALLEY
MAP 106, BLOCK 7, LOT 12
15 IIVY STREET & TAUNTON AVENUE
EAST PROVIDENCE, RHODE ISLAND
SITE UTILITY PLAN

S.F.M. ENGINEERING ASSOCIATES
410 TOGUE AVENUE
COVENTRY, RI 02816
PHONE: 401-826-3736
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SCOTT.SFM@LANVICBB.NET

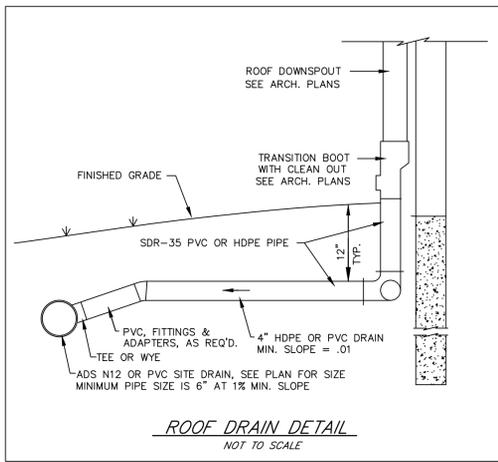
DRN. BY: SFM
CHK. BY: JZL
SCALE: 1" = 20'
DATE: OCT. 5, 2020
DWG: SFM884-UP-C
SHEET 4 OF 6
PRELIMINARY EPWC SUBMISSION

SFM

WOONSOCKET NEIGHBORHOOD DEVELOPMENT CORP.
719 FRONT STREET SUITE 103
WOONSOCKET, RI 02895
401-762-0993

OWNER

C4

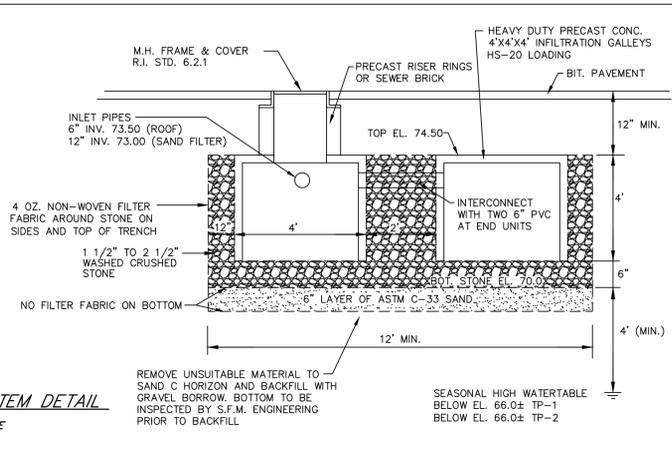


INFILTRATION SYSTEM INSTALLATION NOTES

1. THE GALLEY SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURERS SPECIFICATIONS.
2. THE INFILTRATION SYSTEM SHALL BE PROTECTED FROM SILTATION AT ALL TIMES. OPEN INLET PIPES SHALL BE FITTED WITH TEMPORARY WATER TIGHT CAPS.
3. THE SYSTEM SHALL BE COVERED WITH GRAVEL IMMEDIATELY AFTER INSTALLATION.
4. THE SYSTEM SHALL BE PROTECTED FROM CONSTRUCTION EQUIPMENT UNTIL PAVEMENT IS INSTALLED.
5. FILTER FABRIC LINER SHALL BE MIRAFI 180N OR AMOCO 4552 OR EQUAL.
6. RISERS & COVERS SHALL BE INSTALLED AS SHOWN ON PLANS.
7. STONE AROUND GALLEYS SHALL BE 1 1/2" TO 2 1/2" WASHED, CRUSHED STONE.
8. GALLEY SYSTEM INSTALLATION MUST BE INSPECTED BY THE PROJECT ENGINEER.

INFILTRATION SYSTEM DETAIL

NOT TO SCALE



DRAINAGE NOTES

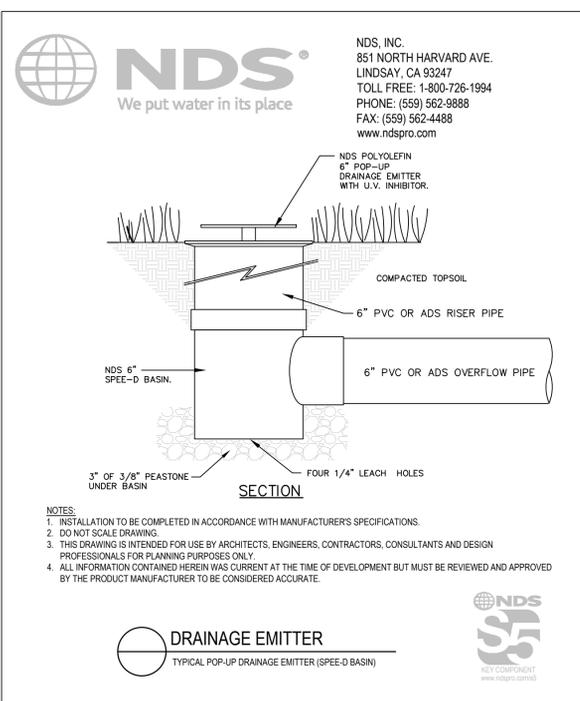
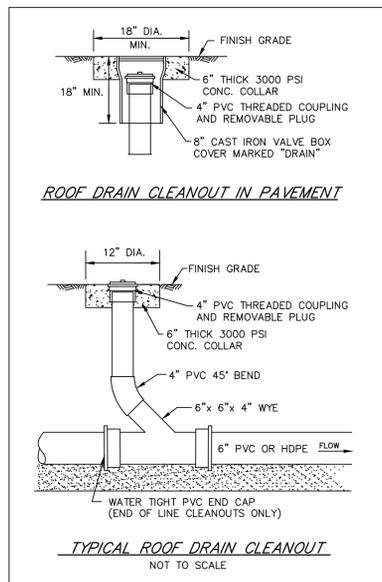
1. CATCH BASIN SHALL BE 6' SQUARE PRECAST CONC. WITH 5' SUMP RI STD. 4.3.0 OR EQUIVALENT VOLUME WITH FRAME & GRATE RI STD. 6.3.0 OR 6.3.2
2. ALL CATCH BASINS, DRAINAGE INLETS AND OUTLETS SHALL HAVE STAKED STRAW BALE OR SILT SOCK PERIMETER EROSION CHECKS WHICH SHALL BE MAINTAINED UNTIL THE SITE IS FULLY STABILIZED.
3. ON-SITE DRAINAGE PIPING SHALL BE SDR-35 PVC OR HDPE ADS-N-12 ST.
4. INFILTRATION GALLEYS AND SAND FILTER AREAS SHALL BE CONSTRUCTION STAKED BY THE PROJECT SURVEYOR TO INSURE ACCURATE LOCATION AND ELEVATION.
5. SEE ADDITIONAL DRAINAGE DETAILS ON SHEET C6.

GALLEY ELEVATION DATA

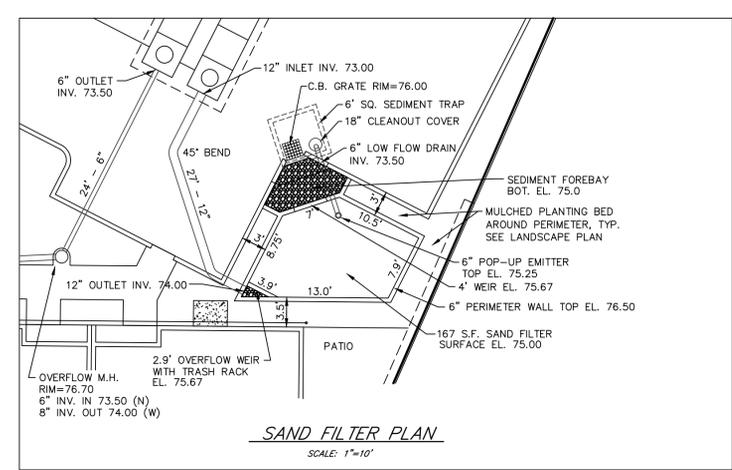
STORM Q	WATER EL.
WQv	70.09
Q1	70.69
Q10	71.52
Q25	72.01
Q100	73.11

STORMWATER SYSTEM MAINTENANCE PLAN

1. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE STORMWATER SYSTEM PROTECTION, INSPECTION AND MAINTENANCE PRIOR TO, DURING AND POST CONSTRUCTION UNTIL FINAL ACCEPTANCE OF CONSTRUCTION BY THE OWNER.
2. THE SAND FILTER AND GALLEY AREAS SHALL BE PROTECTED PRIOR TO AND DURING SITE CONSTRUCTION TO PREVENT COMPACTION OF THE BOTTOM AREAS.
3. THE SEDIMENT FOREBAY SHALL BE MAINTAINED ACCORDING TO THE FOLLOWING SCHEDULE:
 - A. THE INLET & OUTLET STRUCTURES TO THE FOREBAYS SHALL BE KEPT CLEAR OF SILT AND DEBRIS. THE PIPES SHALL BE CLEANED AT THE TIME OF THE SAND FILTER MOWINGS AND ONCE DURING THE WINTER MONTHS.
 - B. SILT & DEBRIS SHALL BE REMOVED FROM THE SEDIMENT FOREBAY EVERY YEAR OR WHEN THE ACCUMULATION EXCEEDS 6 INCHES IN DEPTH.
4. CATCH BASINS SHALL BE CLEANED & MAINTAINED AS NEEDED BY THE SITE CONTRACTOR DURING SITE CONSTRUCTION AND ANNUALLY BY THE OWNER AFTER ACCEPTANCE. ACCUMULATED SILT, SAND, DEBRIS & OIL SHALL BE REMOVED AND DISPOSED OFF SITE. OIL SHALL BE DISPOSED OF AT A LICENSED WASTE FACILITY.
5. ALL PAVED AREAS SHALL BE SWEEP AS NEEDED. ACCUMULATED SILT, SAND & DEBRIS SHALL BE REMOVED AND DISPOSED OFF SITE.
6. THE SAND FILTER AREA SHALL BE MAINTAINED ACCORDING TO THE FOLLOWING SCHEDULE:
 - A. THE SAND FILTER AREA SHALL BE INSPECTED AT LEAST TWICE PER YEAR.
 - B. SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
 - C. THE GRASS IN THE SAND FILTER AREA BOTTOM & SLOPES SHALL BE MOWED AT LEAST THREE (3) TIMES BETWEEN THE MONTHS OF MAY AND OCTOBER. MOWED HEIGHT OF VEGETATION SHALL NOT BE LESS THAN TWO INCHES. THE MAXIMUM HEIGHT OF VEGETATION SHALL BE 12" INCHES.
 - D. DEBRIS AND GRASS CLIPPINGS SHALL BE REMOVED FROM THE SAND FILTER AREA. FERTILIZER SHALL NOT BE APPLIED TO THE SAND FILTER EXCEPT FOR STARTER FERTILIZER FOR SEEDING OR RESEEDING.
 - E. SILT AND DEBRIS SHALL BE REMOVED WHEN THE ACCUMULATION EXCEEDS ONE INCH.
7. SHOULD THE INFILTRATION CAPACITY OF THE SAND FILTER AREA DECREASE OVER TIME SUCH THAT STANDING WATER REMAINS FOR MORE THAN 72 HOURS AFTER A RAINFALL EVENT, REMEDIATION SHALL BE REQUIRED. REMEDIATION SHALL INCLUDE AT A MINIMUM, SEDIMENT REMOVAL, HARROWING AND RESEEDING OF THE FILTER BOTTOM. AFTER REMEDIATION A QUALIFIED TESTING LABORATORY SHALL PERFORM INFILTRATION TESTS TO INSURE DESIGN INFILTRATION RATES ARE RESTORED.
8. THE INFILTRATION SYSTEM SHALL BE MAINTAINED ACCORDING TO THE FOLLOWING SCHEDULE:
 - A. THE GALLEYS SHALL BE INSPECTED VIA THE INSPECTION MANHOLES. IN THE EVENT THAT THE SYSTEM HAS STANDING WATER FOR MORE THAN 72 HOURS AFTER A RAINFALL EVENT, THE SYSTEM SHALL BE CONSIDERED FAILED. A FAILED SYSTEM MUST BE REPLACED BY THE RESPONSIBLE PARTY.
 - B. THE GALLEYS SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF TWICE PER YEAR (SPRING AND FALL) UPON COMPLETION OF CONSTRUCTION. DEBRIS AND SEDIMENT SHALL BE REMOVED AS NECESSARY AND DISPOSED OF AT A LICENSED FACILITY.
9. DURING CONSTRUCTION AND THE FIRST 6 MONTHS OF OPERATION, THE SEDIMENT FOREBAY, SAND FILTER AND GALLEYS SHALL BE INSPECTED WITHIN 24 HOURS OF EACH RAINFALL EVENT THAT GENERATES .25 INCHES OF RAIN IN A 24 HOUR PERIOD. AFTER THE FIRST SIX MONTHS OF OPERATION, THE SAND FILTER AND GALLEYS SHALL BE INSPECTED AFTER ANY RAINFALL EVENT THAT GENERATES MORE THAN 2 INCHES OF RAIN IN A 24 HOUR PERIOD.
10. ANY UNDESIRABLE OR DELIBERATE DISCHARGE OF WASTE OIL OR ANY OTHER POLLUTANT TO THE STORMWATER DISPOSAL SYSTEM REQUIRES IMMEDIATE NOTIFICATION OF RI DEM.
11. ANY INCIDENT OF GROUNDWATER CONTAMINATION RESULTING FROM THE IMPROPER DISCHARGE OF CONTAMINANTS TO THE DISPOSAL SYSTEM SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE RIDEM WILL REQUIRE THE PROPERTY OWNER TO REMEDIATE ANY INCIDENTS THAT MAY ADVERSELY IMPACT GROUNDWATER QUALITY.
12. UPON FINAL ACCEPTANCE OF THE CONSTRUCTION, THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR INSPECTION & MAINTENANCE OF THE PAVEMENT, DRAIN PIPES, OUTLET STRUCTURES, CATCH BASINS, ROOF DRAINS, INFILTRATION GALLEYS, SEDIMENT FOREBAY AND SAND FILTER AREA WITHIN THE SITE.

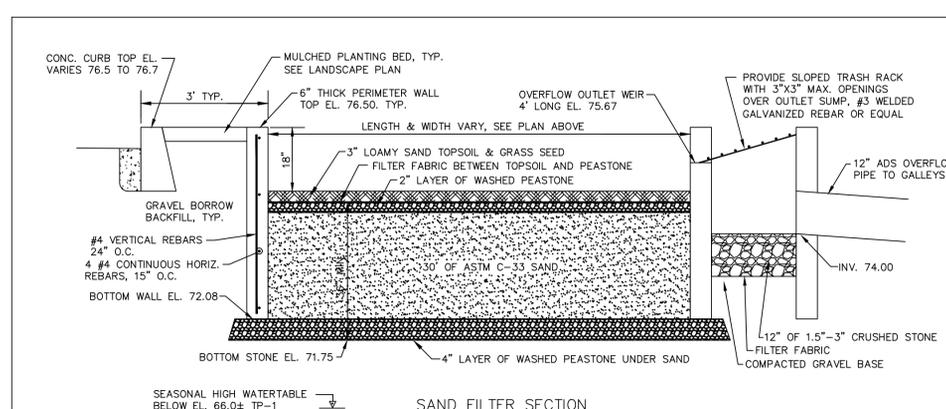


- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
 4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.



SAND FILTER ELEVATION DATA

STORM Q	WATER EL.
WQv	72.49
Q1	75.71
Q10	75.84
Q25	75.88
Q100	75.96



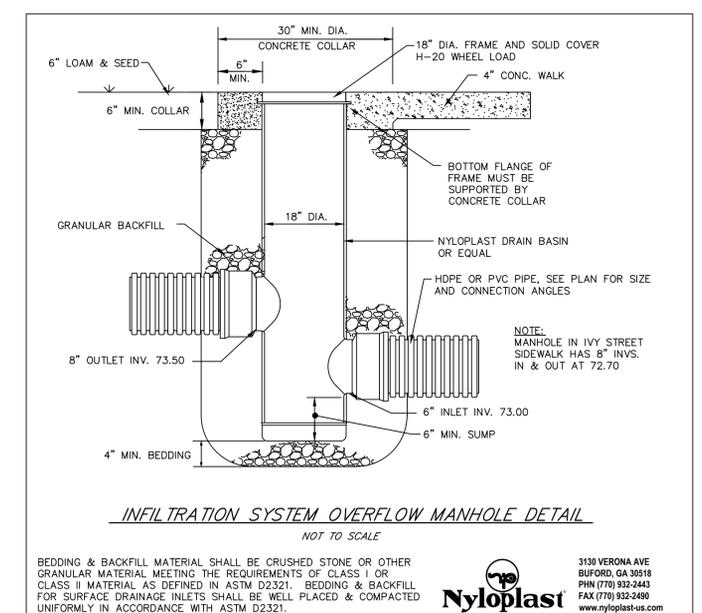
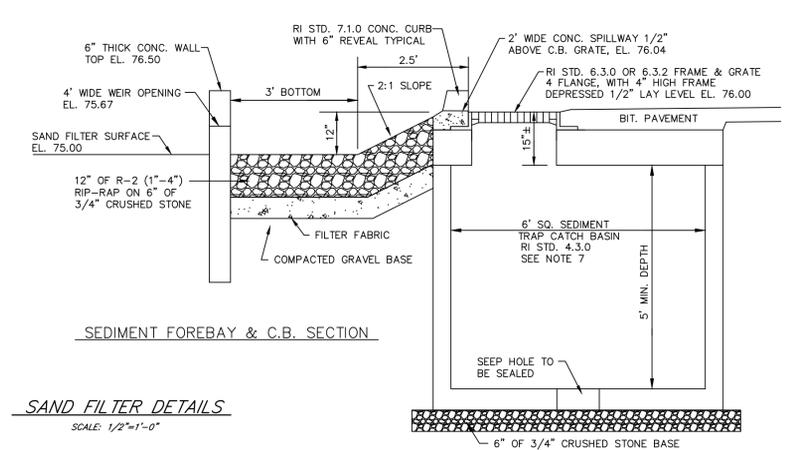
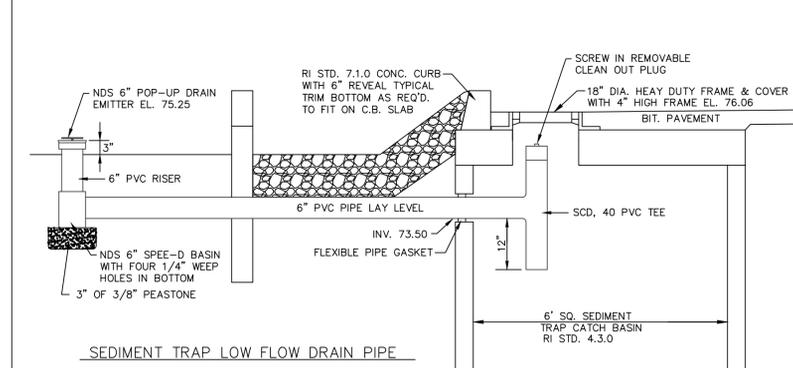
SOIL TEXTURE NOTE:

SANDY LOAM PER USDA TEXTURE CLASS:
 > 50% SAND
 > 30% <50% SILT & CLAY
 < 20% CLAY

LOAMY SAND PER USDA TEXTURE CLASS:
 > 70% SAND
 > 10% <30% SILT & CLAY
 < 15% CLAY

CONC. WALL NOTES:

1. WALLS SHALL BE 6" MIN. THICKNESS CAST IN PLACE CONCRETE, 4000 PSI WITH 1/2" AGGREGATE, RIOT CLASS XX.
2. REINFORCING STEEL SHALL BE GRADE 60.



BEDDING & BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I OR CLASS II MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE WELL PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

Nyloplast
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 BUFORD, GA 30518
 PHN (770) 932-2443
 FAX (770) 932-2480
 www.nyloplast-us.com

REVISION

DATE: 10-27-20

EPWC REVIEW COMMENTS

SCOTT F. MOOREHEAD
 REGISTERED PROFESSIONAL ENGINEER

APPLICANT & DEVELOPER
 NEIGHBORWORKS BLACKSTONE RIVER VALLEY AND DEMETER, LLC.
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 WOODSOKET, RI 02895
 401-762-0993

IVY PLACE REDEVELOPMENT
 NEIGHBORWORKS BLACKSTONE RIVER VALLEY
 MAP 106, BLOCK 7, LOT 12
 15 IVY STREET & TAUNTON AVENUE
 EAST PROVIDENCE, RHODE ISLAND

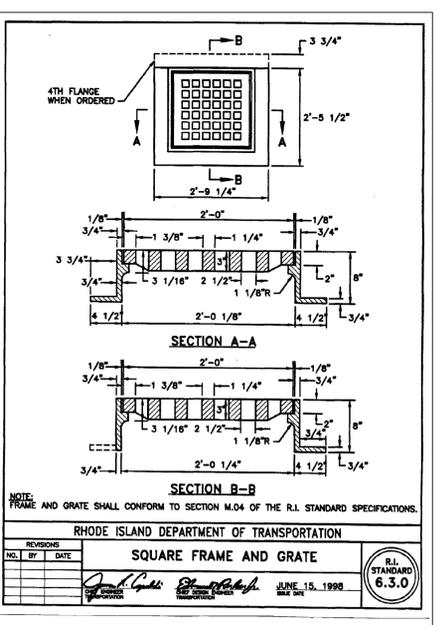
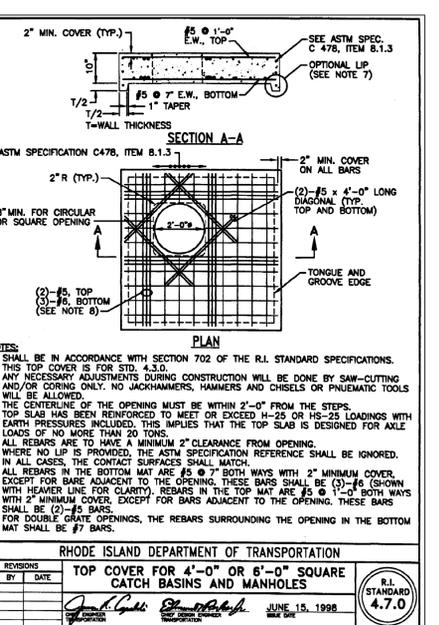
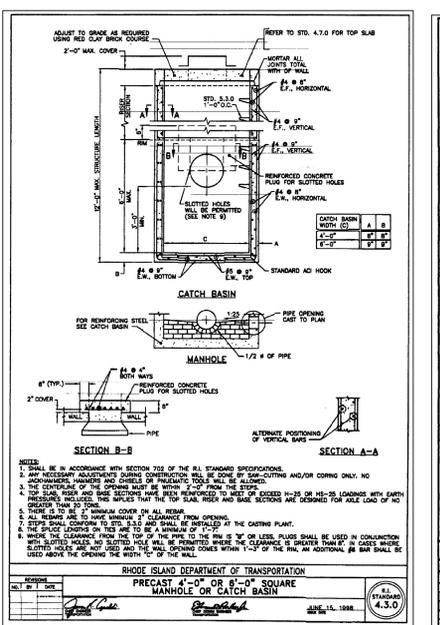
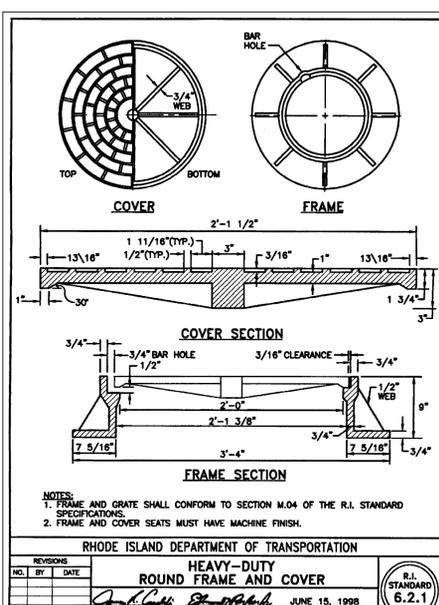
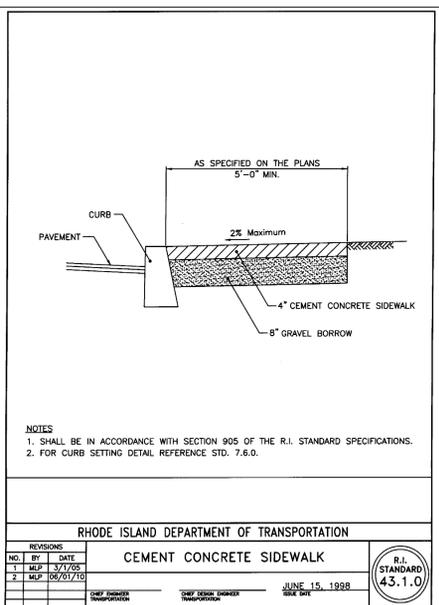
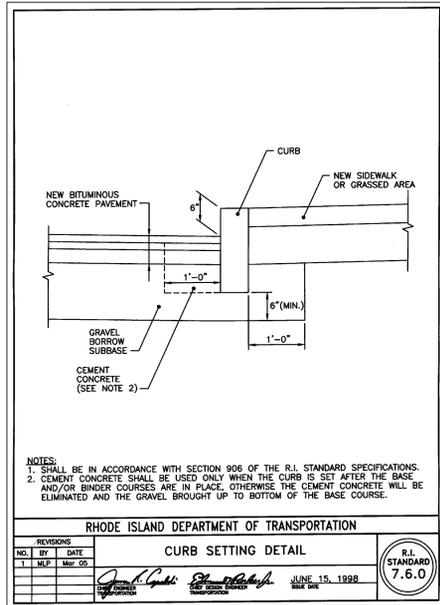
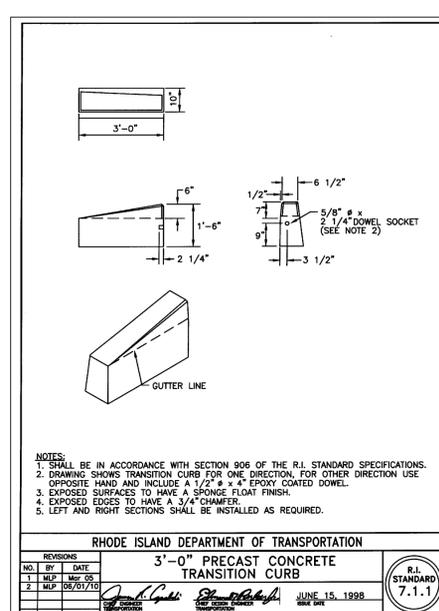
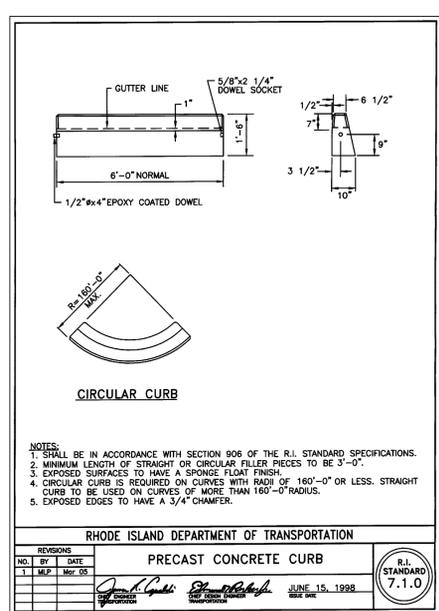
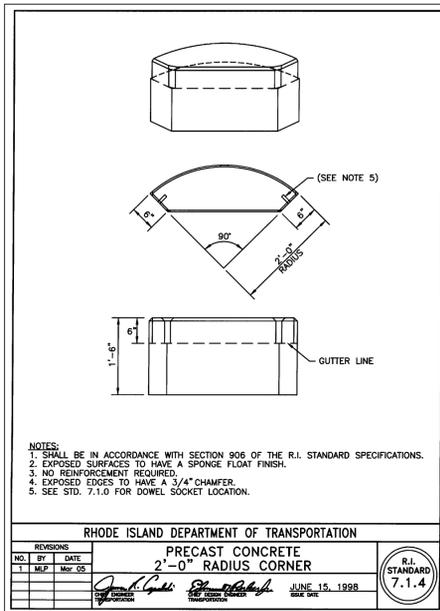
SITE DRAINAGE DETAILS

S.F.M. ENGINEERING ASSOCIATES
 410 TOGUE AVENUE
 COVENTRY, RI 02816
 PHONE: 401-826-3736
 FAX: 401-826-1711
 SCOTT.SFM@TLANTICBB.NET

SFM

DRN. BY: SFM
 CHK. BY: JZL
 SCALE: AS NOTED
 DATE: OCT. 5, 2020
 DWG: SFM884-DD-C
 SHEET 5 OF 6

PRELIMINARY EPWC SUBMISSION



GENERAL NOTES

- ALL WORK PERFORMED HEREIN SHALL BE GOVERNED BY THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (REVISION OF 12-2010) WITH ALL CORRECTIONS AND ADDENDA AND THE 12-1-2010 R.I. STANDARD DETAILS WITH ALL CORRECTIONS AND ADDENDA.
- EMBANKMENT SLOPES AND ALL DISTURBED AREAS ARE TO RECEIVE 4" OF TOPSOIL AND SEED. SEE EROSION CONTROL PROGRAM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION CONTROLS.
- IN ALL EXCAVATION AND REPLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- ALL EXCESS SOIL, STUMPS, TREES, ROCKS, BOULDERS AND OTHER REFUSE SHALL BE DISCARDED OFF SITE OUTSIDE OF ALL WETLANDS AND WETLANDS SETBACK AREAS UNLESS OTHERWISE SPECIFIED.
- CONSTRUCTION WASTE SHALL BE COLLECTED, REMOVED AND DISPOSED OFF-SITE IN ACCORDANCE WITH ALL STATE AND CITY REQUIREMENTS. TRASH SHALL BE COLLECTED ROUTINELY AND REMOVED FROM SITE FOR DISPOSAL.
- A SOIL AND EROSION CONTROL PERMIT WILL BE REQUIRED FROM THE CITY OF EAST PROVIDENCE. INSPECTIONS SHALL BE SCHEDULED AS REQUIRED.
- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF ALL RI DEM AND CITY REGULATIONS AND PERMITS.

SEDIMENTATION CONTROL PROGRAM

- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY SEDIMENTS FROM ENTERING THE WETLANDS OR ADJOINING PROPERTIES.
- BANKS OR SLOPES OVER 5 PERCENT SHALL BE SEED AS SOON AS POSSIBLE AND SHALL BE PROTECTED WITH A HAY, STRAW OR FIBER MULCH.
- DURING THE SITE CONSTRUCTION PERIOD, THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.
- SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL.
- CARE SHALL BE TAKEN SO NOT TO PLACE "REMOVED SEDIMENTS" WITHIN THE PATH OF EXISTING, NEWLY CREATED OR APPROVED GROUND COVER IS ESTABLISHED, IF NEEDED, TEMPORARY SEEDING CAN HELP TO MINIMIZE EROSION. A TEMPORARY SEEDING GUIDE MUST BE INCLUDED AS A REFERENCE. THE FOLLOWING SPECIES ARE RECOMMENDED:
- ADDITIONAL STRAW BALES, SILT FENCE OR SILT SOCKS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
- REFERENCE THE "R.I. EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE RI STATE CONSERVATION COMMITTEE, ISSUED 1998 REVISED 2014, AS A GUIDE.

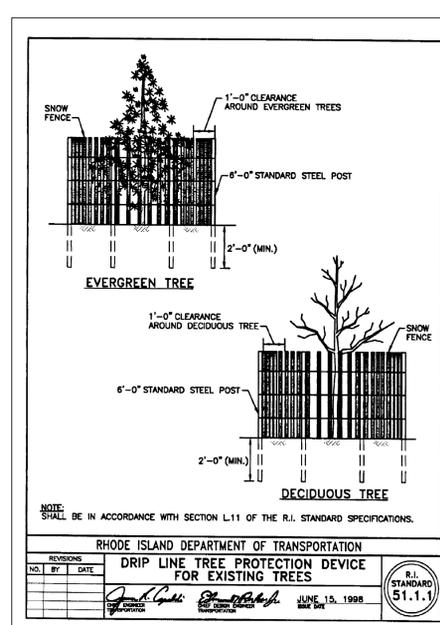
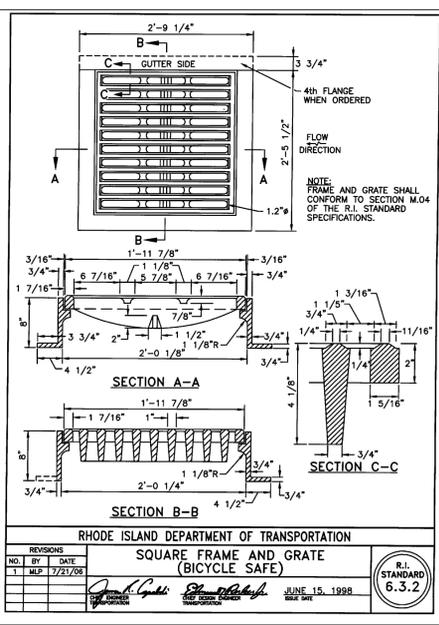
ORDER OF PROCEDURE

- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR EXCAVATION, THE SITE CONTRACTOR SHALL PHYSICALLY MARK THE ENTIRE LIMIT OF DISTURBANCE. EROSION CHECKS SHALL BE ESTABLISHED AT ALL DOWN GRADIENT LIMITS OF DISTURBANCE AND AS DEPICTED ON THE SITE PLANS. TEMPORARY EROSION CHECKS SHALL BE INSTALLED AT LIMIT OF WORK ACTIVITY IF CONSTRUCTION IS TO BE DONE IN PHASES. EROSION CHECKS CONSIST OF STRAW BALES, SILT FENCE OR SILT SOCKS.
- SITE CONTRACTOR SHALL PROVIDE A BARRIER AROUND THE SAND FILTER AREAS & THE INFILTRATION BASIN TO PROTECT THEM FROM SOIL COMPACTION.
- ONLY AREAS THAT CAN BE REASONABLY EXPECTED TO HAVE ACTIVE CONSTRUCTION WORK BEING PERFORMED WITHIN 14 DAYS OF DISTURBANCE SHALL BE CLEARED AND GRUBBED AT ONE TIME. IF CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED FOR MORE THAN 14 DAYS, STABILIZATION PRACTICES SHALL BE INITIATED. REFERENCE THE EROSION CONTROL & SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROLS.
- ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE PERIODICALLY MAINTAINED AS PER THE RESPECTIVE PROGRAMS FOR TEMPORARY CONTROL.
- EROSION CHECKS ALONG AND AT THE ENDS OF ROADWAYS MAY ALSO BE REMOVED AFTER FINAL SOIL STABILIZATION HAS BEEN ACHIEVED AND APPROVED.
- EROSION CHECKS LOCATED AT DRAINAGE INLETS OR OUTLETS MUST REMAIN UNTIL SUCH TIME THAT A DESIRABLE STAND OF GRASS OR GROUND COVER HAS BEEN ESTABLISHED AND THE PROJECT RECEIVES A FAVORABLE APPROVAL FOR FINAL ACCEPTANCE FROM THE ENGINEER.

EROSION CONTROL & SOIL STABILIZATION PROGRAM

- DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
- ALL DISTURBED SLOPES, EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15, SHALL BE SEED OR PROTECTED BY THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
- THE TOP SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM WITH R.I. STANDARD SPECIFICATION M. 20.
- THE SEED MIX SHALL BE INOCULATED WITHIN 24 HOURS BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY.
- SEEDING SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE LANDSCAPE ARCHITECT'S PLANS. FOR AREAS NOT DESIGNATED BY THE L.A., THE DESIGN MIX SHALL COMPLY WITH THE FOLLOWING:
 A. MOWED AREA (ALL FLATS OR SLOPES LESS THAN 3:1)
 MIXTURE % BY WT. SEEDING DATES
 CREEPING RED FESCUE 70 APRIL 1-MAY 31
 KENTUCKY BLUEGRASS 15 APRIL 1-MAY 31
 COLONIAL BENTGRASS 5 AUG. 15-OCT. 15
 PERENNIAL RYEGRASS 10
 TOTAL 150 LBS/AC
 B. UNMOWED AREA OR INFREQUENTLY MOWED (FLAT OR SLOPES GREATER THAN 3:1)
 MIXTURE % BY WT. SEEDING DATES
 CREEPING RED FESCUE 60 APRIL 1-MAY 31
 COLONIAL BENTGRASS 5 AUG. 15-OCT. 15
 PERENNIAL RYEGRASS 10
 BIROSOF TREFLOIL 15
 TOTAL 150 LBS/AC
 OR NEW ENGLAND EROSION CONTROL/RESTORATION MIX (FOR DRY OR WET SITES AS APPROPRIATE) BY NEW ENGLAND WETLAND PLANTS, INC.
 C. CONSERVATION SEEDING AREAS
 MIXTURE % BY WT. SEEDING DATES
 SWITCH GRASS 20 APRIL 1-MAY 31
 LITTLE BLUE STEM 20 APRIL 1-MAY 31
 PERENNIAL RYEGRASS 20 AUG. 15-OCT. 15
 WILDFLOWER MIX 20
 HARD FESCUE 20
 TOTAL 60 LBS/AC
 OR NEW ENGLAND CONSERVATION/WILDLIFE MIX BY NEW ENGLAND WETLAND PLANTS, INC.
 D. TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW, OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCISOR BLANKETS) THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER.
 E. HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 3,000-4,000 LBS/AC.
 F. ALL STRAW BALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED. IF NEEDED, TEMPORARY SEEDING CAN HELP TO MINIMIZE EROSION. A TEMPORARY SEEDING GUIDE MUST BE INCLUDED AS A REFERENCE. THE FOLLOWING SPECIES ARE RECOMMENDED:
 SPECIES LBS./1,000 S.F. LBS./Ac. SEEDING DATES
 ANNUAL RYEGRASS 1.0 - 1.5 40 - 60 3/1 - 6/1
 PERENNIAL RYEGRASS 1.0 - 1.5 40 - 60 3/1 - 6/1
 SUDAN GRASS 0.7 - 1.0 30 - 40 5/15 - 6/15
 MILLET 0.7 - 1.0 30 - 40 5/15 - 6/15
 WINTER RYE 3.0 120 4/15 - 6/15
 OR RIDOT TEMPORARY SEED MIX AT 75 LBS/AC
 G. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE.
 H. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1 - OCTOBER 15.
 I. ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE R.I.D.P.W. STD. SPECIFICATIONS SECTION 202.
 J. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 15 DAYS OF FINAL GRADING.
 K. STOCKPILES OF TOPSOILS SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND STOCKPILES SHALL ALSO BE SEED AND/OR STABILIZED.
 L. ON BOTH STEEP AND LONG SLOPES, CONSIDERATION SHOULD BE GIVEN TO "CRIMPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS.
 M. REFERENCE THE SEDIMENTATION CONTROL PROGRAM AND ORDER OF PROCEDURE FOR PROPER COORDINATION.

NOTE
 BALED HAY SHALL ONLY BE USED FOR SHORT TERM EROSION CONTROL OF THREE MONTHS OR LESS. PERIMETER EROSION CONTROLS SHALL BE STRAW BALE, SILT FENCE, SILT SOCK OR COMBINATION THEREOF.



REVISION
 DATE
 10-27-20
 EPWC REVIEW COMMENTS

SCOTT F. MOOREHEAD
 REGISTERED PROFESSIONAL ENGINEER

APPLICANT & DEVELOPER
 NEIGHBORWORKS & BLACKSTONE RIVER VALLEY AND DEMETER, LLC.
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SFM

DRN. BY: SFM
 CHK. BY: JZL
 SCALE: AS NOTED
 DATE: OCT. 5, 2020
 DWG: SFM884-CD-C
 SHEET 6 OF 6

PRELIMINARY
 EPWC SUBMISSION

SITE CONSTRUCTION DETAILS