FOWN OF BRISIO. COMMUNITY DEV.

674 Metacom Avenue Narrative Summary

Existing Property Conditions:

- 0.72 acres along Metacom Avenue. Previously cleared and currently in use for parking and storage of materials/machinery.
 - o Compacted gravel parking area takes up a large portion of the site.
 - Wetlands are present and flagged along the Southern and Eastern property lines.
 - Street access is achieved by a shared driveway with 670 Metacom Ave along the north property line.
- Current structures and use
 - o Box trailer, for storage, with concrete access steps.
 - o Two (2) unused concrete leaching chambers.
 - o Some materials and machinery temporarily stored on the property.
 - Located in GB zone.
- Land has been previously cleared apart from a tree line and vegetation along the Southern and Eastern property lines, where wetlands are present.
- Utilities at property
 - Public Sewer (not in current use)
 - o Public Water (not in current use)
 - o Electric (currently used by Lionel Ramos will be transferred to applicant)

Proposed Property Conditions:

- 0.72 acres
 - Maintain current property lines, shared driveway, gravel parking area, and current treeline/wetland buffer to South and East.
- Remove existing box trailer, concrete steps, and (2) concrete leaching chambers.
- Add a 4,800 sf garage for mechanical equipment repair / office space use.
- Add the following to the existing gravel parking lot:
 - Addition of about 2,311 sf of ¾" dia. crushed stone.
 - o Area for required thirteen (13) parking spaces and one (1) loading spaces.
 - Accessible area for dumpster.
- Existing gravel areas to be replaced with loam and seed:
 - o 372 sf to east
 - o 315.5 sf to south
- Add 3' wide planting strip with 4 shade trees placed every 40' along front property line.
- Add 6' wide concrete sidewalk along front property line.
- Proposed bioretention basin for stormwater management.
- Maintain 47.55' (25' minimum) from residential zone
- Maintain 50' from Metacom Avenue.
- Utilities:
 - o Bristol County Water
 - o Town Sewer
 - o Electric







APPLICANT: DAVID J. RAMOS 12 RUTH AVENUE BRISTOL, RI 02809

OWNER: LIONEL J. RAMOS 9 SCOTT LANE BRISTOL, RI 02809

PREPARED BY: PRINCIPE COMPANY, INC.

ENGINEERING DIVISION

27 SAKONNET RIDGE DRIVE TIVERTON, RHODE ISLAND 02878 401.816.5385 INFO@PRINCIPECOMPANY.COM WWW.PRINCIPECOMPANY.COM

JULY 01, 2024

DRAWING ISSUE:

CUSTOMER APPROVAL PERMITTING ☐ CONSTRUCTION

AS-BUILT OTHER:

ONLY PLANS ISSUED FOR CONTRUCTO SHALL BE USED FOR CONSTRUCTION

LIST OF DRAWINGS

- 1) TITLE SHEET
- 2) EXISTING CONDITIONS PLAN
- 3) PROPOSED LAYOUT PLAN
- 4) DRAINAGE & GRADING PLAN
- 5) CONSTRUCTION DETAILS 1

APPROVED BY THE TOWN OF BRISTOL PLANNING BOARD

TOWN OF BRISTOL PLANNING CHAIR OR DESIGNEE

STREET INDEX METACOM AVENUE

(PUBLIC- STATE HIGHWAY)

SOIL REFERENCE:

NRCS WEB SOIL SURVEY:

PmA - PITTSTOWN SILT LOAM (0-3% SLOPES) [27" GWT]

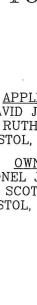
Sf - STISSING VERY STORY SILT LOAM [8" GWT]

CGC - CANTON-CHARLTON-ROCK OUTCROP COMPLEX (3-15% SLOPES)

DATE ACCESSED: 03/25/24

PLAN REFERENCE:

1.) EXISTING CONDITIONS TAKEN FROM CLASS I SURVEY PLAN ENTITLED: "EXISTING CONDITIONS PLAN FOR DAVID J. RAMOS & LIONEL J. RAMOS" AP 128 LOT 15 & 16 IN BRISTOL, RI DATE: 03/27/2024 DATE: 05/21/2024
PREPARED BY: PRINCIPE COMPANY, INC. — SURVEYING DIVISION
SIGNED BY: STEPHEN T. LONG, PLS NO. 1930





ZONING — GB
ROUTE 136 (METACOM AVENUE) OVERLAY
DIMENSIONAL REQUIREMENTS
MIN. LOT MODITH: 100 FT
MIN. FRONT YARD: 25 FT
MIN. REARY YARD: 30 FT
MIN. SIDE YARD: 10 FT
MIN. BIST. FROM FES. ZONE: 25 FT
MAX. FLOOR AREA RATIO: 0.5

GENERAL NOTES:

1. THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATE AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY MOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH DVERHEAD AND UNDERGROUND, AND "DIG-SAFE" HU BE UTILITIES, BOTH DVERHEAD AND UNDERGROUND, AND "DIG-SAFE" HU BE THE RESPONSIBILITY CONSTRUCTION PERATION. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UTIL NO ADDITIONAL CO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR TOWN VHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEA 72 HOURS IN ADVANCE.

3. THERE ARE NO KNOWN EASEMENTS OR RIGHTS OF WAY WITHIN OR ADJACENT TO THIS PARCEL UNLESS OTHERWISE SHOWN.

4. THE CONTOURS SHOWN HEREIN ARE BASED UPON THE NAVDOO DATUM. 5. THERE ARE UNDERGROUND UTILITIES LOCATED WITHIN METACOM AVENUE ALONG THIS PARCELS FRONTAGE.

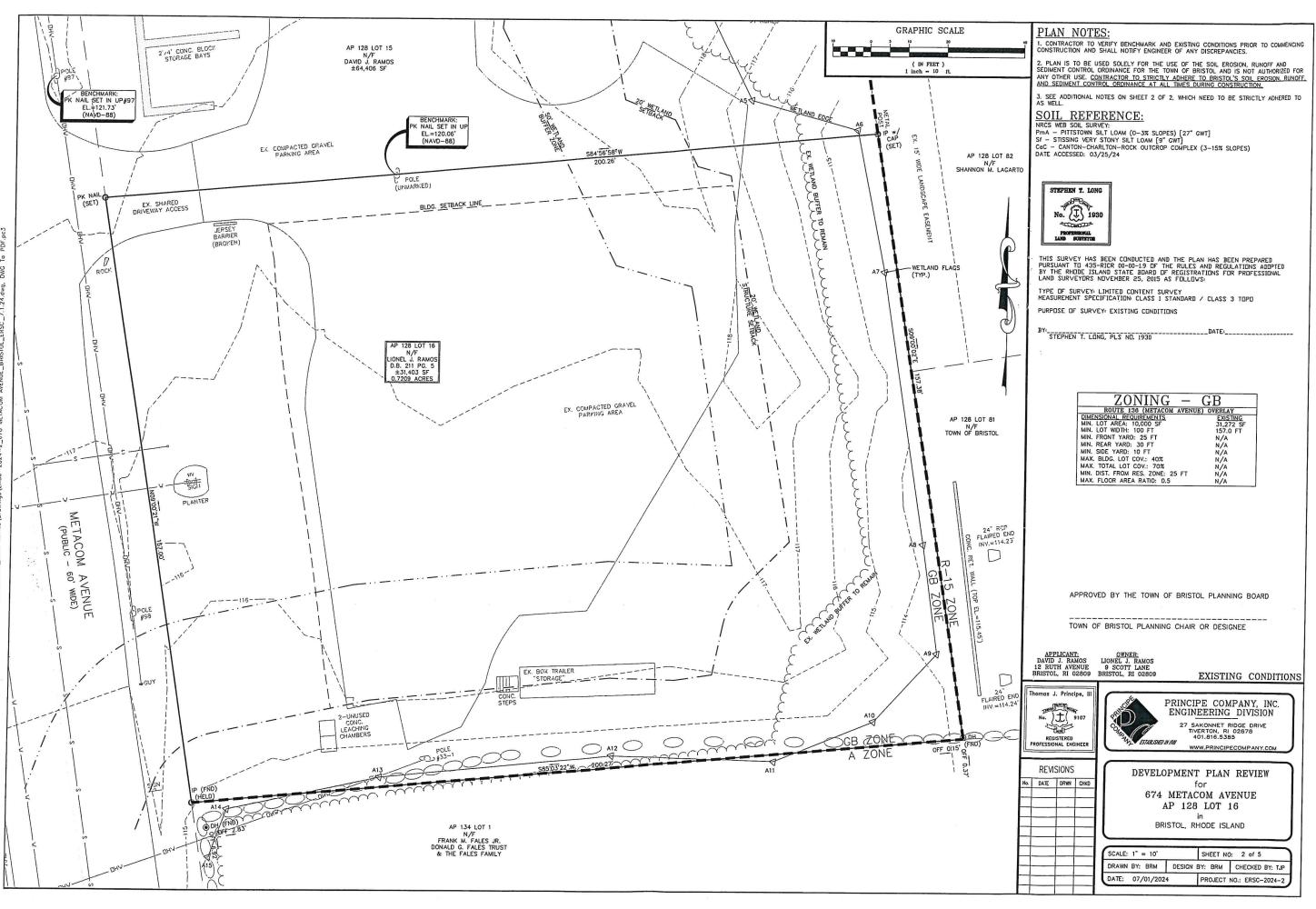
LEGEND **EXISTING** PROPOSED PERIMETER LINE ABUTTER LINE EDGE OF PAVEMENT FENCE EASEMENT 87 CONTOUR -----87----UTILITY POLE 9 TEST HOLE SAWCUT BUILDING SETRACK OVERHEAD WIRE CATCH BASIN DRAIN MANHOLE DRAIN LINE WATER LINE N. × WATER GATE VALVE WELL 9 SEWER LINE WETLAND FLAG Α DOWNSPOUT LIGHT POST Ċ STONEWALL COMPOST FILTER SOCK RIDOT STD 9.9.0 CONSTRUCTION ACCESS

SITE LOCUS

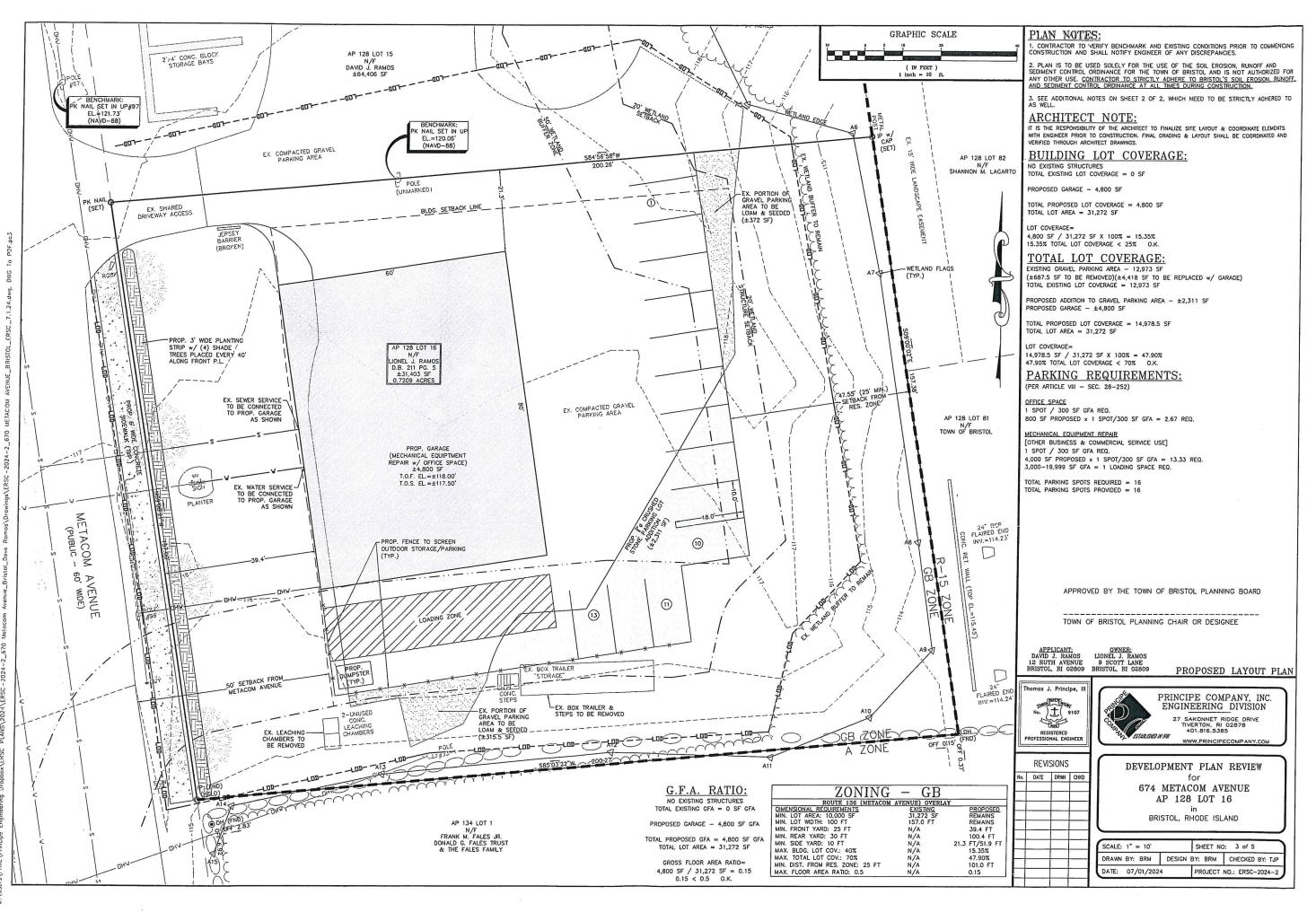
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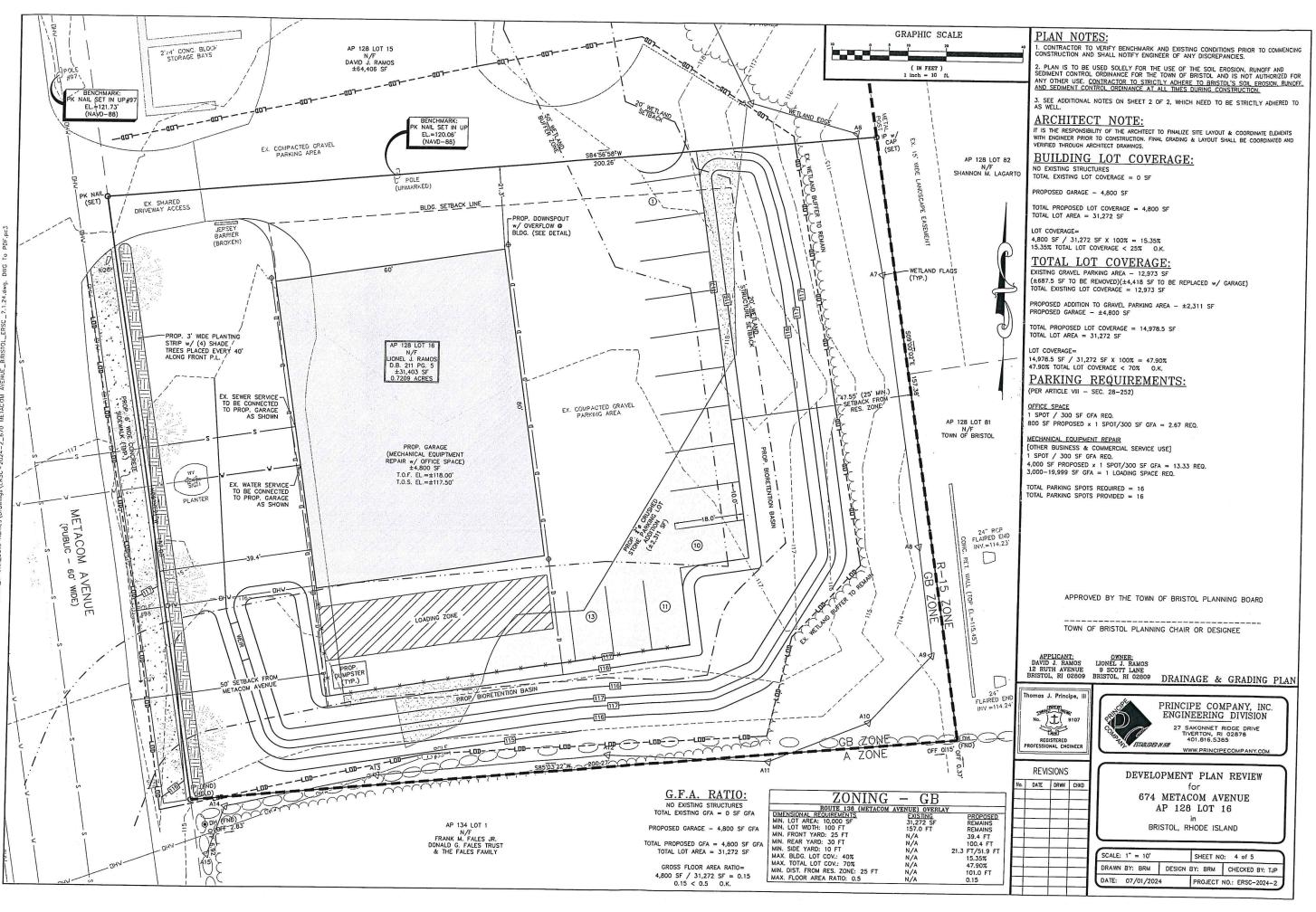
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incipe Engineering Dropbox/ERSC PLANS/2024/ERSC-2024-2_670 Metacom Avenue. Bristal. Dave Romas/Drowings/EPSC-2024



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- IT SHALL ALSO BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF ALL EXISTING UTILITIES, STRUCTURES, AND ABUTHING PROPERTIES. THE COST OF ANY REPAIR OR REPLACEMENT OF DAMAGED ITEMS SHALL BE BORNE BY THE CONTRACTOR. BEFORE STRUCTION THE CONTRACTOR SHALL CORONIATE INSTALLATION OF ANY HYDRANTS, WAITER MAINS, BLOWGFF ASSEMBLES, FITTINGS, AND VALVES WITH THE LOCAL WAITER DEPARTMENT AS TO TYPE AND MAINFACTURER.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE MUNICIPAL ENGINEERING DEPARTMENT AND ALL UTILITY INSTALLATIONS AND INSPECTIONS WITH THE APPROPRIATE UTILITY COMPANY. A 48 HOUR ADVANCE NOTICE IS REQUIRED BEFORE WORK
- ALL WORK PERFORUED HEREN SHALL BE COVERIED BY THE "R.I. STANDARD SPECEFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (REVISION OF 1997)" WITH ALL CORRECTIONS AND ADDITION AND THE 1997 R.I. STANDARD DETAILS WITH ALL CORRECTIONS AND ADDITION AND THE TOWN OF WARREN STANDARD SPECIALATIONS AND DETAILS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR QUANTITY TAKE-OFF IN COMPUTING ANY ESTIMATES.
- EMBANKMENT SLOPES AND ALL DISTURBED AREAS ARE TO RECEIVE 4" OF TOPSOIL AND SEEDED, SEE EROSION CONTROL PROGRAM. UNLESS OTHERWISE SPECIFIED, ALL STORM DRAINS SHALL BE REINFORCED CONCRETE CLASS III PIPE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION INDICATED ON THESE PLANS. THAT INCLUDES ANY CONSTRUCTION TO BRING UTLITIES TO 31%, MAY REPARS, ANY TRENCHING REQUIRED, HYDRANTS, ANY AND ALL CONSTRUCTION FOR ACCEPTANCE OF ROADS AND EASOLUDITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION CONTROLS.
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR. "DIG SAFE" SHALL BE CONTACTED BY THE CONTRACTOR AS PART OF THIS VERIFICATION.
- IN ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- ALL WATER MAINS SHALL BE DEFLECTED ALONG A CURVE WITH A MINIMUM RADRIS OF 250' AT ANY LOCATION WHERE THIS IS NOT POSSIBLE, PROPER BENDS AND FITTINGS SHALL BE USED.
- ALL EXCESS SOL, STUMPS, TREES, ROCKS, BOULDERS, AND OTHER REFUSE SHALL BE DISCARDED OFF SITE, IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

EROSION CONTROL & SOIL STABILIZATION PROGRAM

- DEHUDED 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 SEEDED OR PROTECTED BY THAT DATE, FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
- THE TOPSOIL 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. STD SPECIFICATION IN 18.
- THE SEED MIX SHALL BE INOCULATED WITHIN 24 HOURS, BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCOLUM FOR EACH VARIETY.
- THE DESIGN MIX SHALL BE COMPRISED OF THE FOLLOWING PERMANENT SEEDING MIXTURES:

. MUNEU AREA (ALL FLAIS OR	SLOPES LESS THAN 3:1)	
MIXTURE:	Z BY WEIGHT:	SEEDING DATES:
RED FESCUE	75	APRIL 1 - JUNE 15
KENTUCKY BLUECRASS	15	AUGUST 15 - OCTOBER
COLONIAL BENTGRASS	5	

100 lbs/Ac. TOTAL:

DIAMONED AREA OR INFREQUE	WILT MOSED (ALL STO)	PES GREATER THAN 3:1)
MIXTURE:	% BY WEIGHT:	SEEDING DATES:
RED FESCUE	75	APRIL 1 - JUNE 15
COLONIAL BENTGRASS	5	AUGUST 15 - OCTOBER 15
PERENNIAL RYEGRASS	5	
BIRDSFOOT TREFOIL	15	
TOTAL.	100 lbs /As	

- TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW, OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINNIG (BURLAP, JUTE, FIBERCASS NETTING, EXCELSIOR BLANKETS) THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANIED OR AS DROERED BY THE ENGINEER.
- HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 3,000 4,000 lbs/Ac.
- ALL HAYBALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF CRASS OR APPROVED GROUND COVER IS ESTABUSHED. IF NEEDED, TEMPORARY SEEDING CAN HELP MINIMIZE THE EROSON. A TEMPORARY SEEDING GUIDE MUST BE INCLUDED AS A REFERENCE. THE FOLLOWING SPECIES ARE RECOMMENDED:

IIXTURE:	lbs./1.000 S.F.	lbs/Ac.	SEEDING DATES:
NNUAL 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 - 8/15
AILLET	0.7 - 1.0	30 - 40	5/15 - 8/15
MNTER RYE	3.0	120	4/15 - 6/15
DATS	0.5 - 5.0	86 - 120	3/1 - 6/15
NEEPING COVER GRASS	0.5 - 5.0	5 - 20	5/1 - 7/1

- 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.
- ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE R.J.O.P.W. STD SPECIFICATIONS SECTION 202.
- STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 15 DAYS OF FINAL GRADING.
- STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS, THEY SHALL HAVE SDE SLOPES NO GREATER THAN 30% AND STOCKPILES SHALL ALSO BE SEEDED AND/OR STABILIZED.
- ON BOTH STEEP AND LONG SLOPES CONSIDERATION SHALL BE GIVEN TO "CRIMPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS. REFERENCE THE SEDIMENTATION CONTROL PROGRAM AND ORDER OF PROCEDURE FOR PROPER COORDINATION
- . THE DRAINAGE SYSTEM SHALL RECOVE ONE FINAL CLEANING PRIOR TO ACCEPTANCE TO THE OVERALL PROJECT BY THE OWNER SEDIMENTS SHALL BE DISPOSED OF IN A PROPER MAINNER.

ORDER OF PROCEDURE:

- IDAD VE FRYEDWIND.

 PRIOR TO ANY LEARNING AND GRUBBING OR ANY ROUGH GRADING, TEMPORARY HAYBLES AND SAIDBAGS SHALL BE PLACED CUTSOE THE LIMITS OF CONSTRUCTION AS PER THE PLANS (I.E. ALONG ROADWAYS, STREAM BANKS, CRITICAL AREAS, ETC.).
- ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE PERIODICALLY MAINTAINED AS PER THE RESPECTIVE PROGRAMS FOR TEMPORARY CONTROL
- IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROL TEMPORARY HAYBALES AND SANDBAGS ALDING AND AT THE ENDS OF ROADWAYS MAY ALSO BE REMOVED AFTER FINAL SOIL STABILIZATION HAS BEEN ACHIEVED AND APPROVED.
- HAYBALES LOCATED AT DRAINAGE OUTLETS MUST RELIAIN UNTIL SUCH TIME THAT A DESRABLE STAID OF GRASS OR COVER HAS BEEN ESTABLISHED AND THE PROJECT RECEIVES A FAVORABLE APPROVAL FOR FINAL ACCEPTANCE FROM THE ENGINEER.

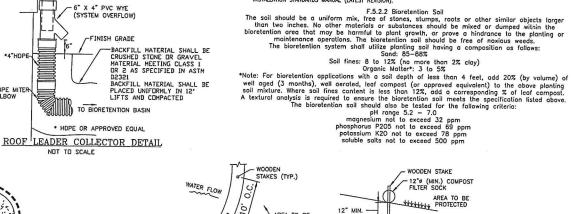
- RIP RAP SPLASH PADS SHALL BE INSTALLED AT THE OUTLETS FOR ALL CULVERTS DISCHARGING INTO A WATERWAY. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL ENTERING THE WETLANDS.
- all disturbed areas subject to erosive tendencies whether they be newly filled or excavated shall be seeded and protected with a fiber mulch.
- DURING CONSTRUCTION, THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNGFF FLOW DURING STORMS AND PERCOS OF RAINFALL.
- SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL
- CARE SHOULD BE TAKEN SO AS NOT TO PLACE "REMOVED SEDIMENTS" WITHIN THE PAITH OF EXISTING, NEMLY CREATED (BOTH TEMPORARY AND PERMANENT) OR PROPOSED WATERCOURSES OR THOSE AREAS SUBJECTED TO STORM WATER FLOW. ADDITIONAL HAYBALES OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT.
- ALL SEDIMENTS SHALL BE REMOVED FROM THE DRAINAGE AND DETENTION FACULTIES AS SCHEDULED FOR EACH FACULTY (SEE DETENTION BASIN MAINTENANCE, THIS SHEET).
- REFERENCE THE "R.J. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, AS A GUIDE.

- FLUSH CURBING TOP ELE=117.00 TOP FIF=117 00 WEIR ELE=116.66 6" LOAM & SEED 85% COMPACTED NATIVE SOIL BIORETENTION SOIL MI (ALL HTM TO BE REMOVED & REPLACED) F.5.2.3 Mulch Layer Specifications.

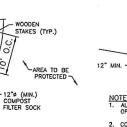
A finely shredded, well-aged organic hardwood mulch is the preferred accepted mulch; a finely shredded, well-aged organic dark pine mulch may be accepted on a case-by-case basis. Bark dust mulches and wood chips will float and move to the perimeter of the bioretention area during a storm event and are not acceptable. Shredded mulch must be well aged (6-12 months) for acceptance.

Mix approximately ½ the specified mulch layer into the planting soil to a depth of approximately 4 inches to help foster a highly organic surface layer. BIORETENTION AREA DETAIL NOT TO SCALE ESTIMATED SEASONAL HIGH GROUNDWATER TABLE =112.00" (based on adjacent ponded area (1) BIORETENTION AREA TO BE PROTECTED FROM CONSTRUCTION TO PREVENT COMPACTION AND SURROUNDED BY COMPOST FILTER SOCK UNTIL UPSLOPE AREAS ARE STABILIZED.

ROOF LEADER (4") (SEE STRUCTURE PLANS FOR BUILDING ANCHORAGE) MATERIALS SIZE SOUARE MESH 2"CRUSHED STONE SIEVES OR GRAVEL BUILDING-ASTM C-33 NO. 3 % FINER (SYSTEM OVERFLOW) % FINER 2-1/2 INCHES 2 INCHES 1-1/2 INCHES 1-1/4 INCHES -FINISH GRADE BACKFILL MATERIAL SHALL BE CRUSHED STONE DE GRAVEL MATERIAL HEETING CLASS I UR 2 AS SPECIFIED IN ASTM D2321 BACKFILL MATERIAL SHALL BE PLACED UNIFICENTLY IN 12' LIFTS AND COMPACTED 0-15 4"HDPE 0-5 *4"HDPE MITER STABILZATION PAD TO BE IN CONFORMANCE WITH STANDARDS SET FORTH IN THE "RHODE ISLAND" GUIDELINES FOR SOIL & SEDIMENT CONTROL". TO BIORETENTION BASIN RIP-RAP STABILIZATION PAD @



PLAN



INSTALLATION STANDARDS MANUAL (LATEST REVISION).

WOODEN STAKE 12" (MIN.) COMPOST FILTER SOCK AREA TO BE PROTECTED ALL MATERIAL TO MEET REQUIREMENTS OF SECTION 206
OF RI STANDARD SPECIFICATIONS.

(2) BIORETENTION DESIGN AND INSTALLATION SHALL CONFORM TO THE STATE OF RHODE ISLAND STORMWATER DESIGN AND

COMPOST MATERIAL MUST BE ACCEPTED BY THE ENGINEER PRIOR TO PLACEMENT. COMPOST FILTER SOCK PERIMETER EROSION CONTROLS
NOT TO SCALE

EROSION CONTROL, SOIL STABILIZATION AND SEDIMENT CONTROL PLAN

CONSTRUCTION ENTRANCE

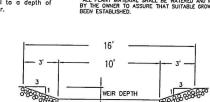
STOCKPILE DETAIL
NOT TO SCALE

COMPOST FILTER

3/4 INCH 1/2 INCH

3/8 INCH

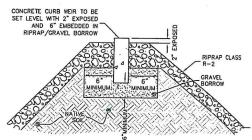
- 1. PRIOR TO THE COMMENCEMENT OF ANY CLEARING, GRUBBING, DEMOLITION OR EARTHWORK ACTIVITY, TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE PLANS ARE TO BE INSTALLED BY THE CONTRACTOR.
- 2. CONSTRUCTION ACCESS STABILIZATION ENTRANCE PADS ARE TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF SITE GRUBBING OR EARTHWORK ACTIVITY.
- 3. EXISTING CATCH BASINS ARE TO BE PROTECTED WITH HAY BALES AND/OR SILT SACS PRIOR TO THE START OF SITE GRUBBING, EARTHWORK OR UNDERGROUND UTILITY AND DRAINAGE INFRASTRUCTURE INSTALLATION TO SERVE THE DEVELOPMENT SITE.
- 4. THE PROJECT CONSTRUCTION SEQUENCE, TO THE EXTENT PRACTICAL, SHOULD REQUIRE THE INSTALLATION OF DOWN GRADE AND OFF SITE STORM DRAINAGE SYSTEM IMPROVEMENTS BEFORE THE START OF SITE GRUBBING AND EARTHWORK ACTIVITY.
- 5. TEMPORARY SITE SLOPE TREATMENTS FOR SOIL STABILIZATION SHALL CONSIST OF HAY, STRAW, FIBER MULCH, RIP RAP OR PROTECTIVE COVERS SUCH AS MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, AND EXCELSIOR OR EQUAL PRODUCTS). THESE AND OTHER ACCEPTABLE MEASURES SHALL BE INCORPORATED INTO THE SITE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER.
- 6. CONSTRUCTION SITES ARE DYNAMIC, THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND OR MOVEMENT AND MAINTENANCE OF EROSION CONTROLS, SOIL STABILIZATION AND SEDIMENT CONTROL MEASURES AS NEEDED TO MAXIMIZE THE INTENT OF THE PLAN FOR ALL SITE CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERIODIC INSPECTION, MAINTENANCE, REPAIR, AND REPLACEMENT OF EROSION CONTROLS, SOIL STABILIZATION AND SEDIMENT CONTROL DEVICES UNTIL AN ACCEPTABLE PERMANENT VEGETATIVE GROWTH IS ESTABLISHED. THE CONTRACTOR SHALL MAINTAIN A DETAIL LOG OF ALL EROSION CONTROL INSPECTIONS, COMPLAINTS RELATED TO EROSION OR SEDIMENT, AND CORRECTIVE REMEDIAL MEASURES TAKEN THROUGHOUT THE COURSE OF THE PROJECT CONSTRUCTION.
- 8. SOIL EROSION AND SEDIMENT CONTROL IS NOT LIMITED TO DAMAGES CAUSED BY WATER BUT ALSO INCLUDES EROSION AND SEDIMENT RESULTING FROM WINDS. MEASURES, SUCH AS TEMPORARY GROUND COVERS, WATER AND CALCIUM APPLICATIONS ARE TO BE UNDERTAKEN AS NEEDED TO MINIMIZE WIND RELATED SOIL AND DUST CONTROL.
- 9. STOCK PILES OF EARTH MATERIALS SHALL NOT BE LOCATED NEAR WATERWAYS OR WETLANDS. STOCK PILES SHALL HAVE SIDE SLOPES NO GREATER THAN THIRTY PERCENT (30%). STOCK PILES SHALL BE SURROUNDED ON THE DOWN GRADIENT OF THE EXISTING GROUND SURFACE BY HAY BALES OR SILT FENCE. THE STOCK PILES SHALL ALSO BE SEEDED OR STABILIZED IN SOME MANOR TO PREVENT SOIL EROSION.
- 10. THE SMALLEST POSSIBLE SITE AREAS SHALL BE DISTURBED OR EXPOSED AT ONE TIME AND DENUDED SLOPES OR WORK AREAS SHALL NOT BE LEFT EXPOSED FOR EXCESSIVE PERIODS OF TIME, SUCH AS INACTIVE PERIODS OR SITE WORK SHUT DOWNS.
- 11. TO THE EXTENT POSSIBLE, ALL DISTURBED AREAS MUST BE SEEDED OR STABILIZED WITHIN THE CONSTRUCTION SEASON. STABILIZATION OF ONE FORM OR ANOTHER SHALL BE ACHIEVED WITHIN FIFTEEN (15) DAYS OF FINAL GRADING. 12. EXPOSED STEEP OR LONG SLOPES SHOULD BE TREATED WITH "CRIMPING" OR "TRACKING" TO REDUCE EROSION AND SEDIMENT AND TO TACK DOWN SEEDING OR MULCH APPLICATIONS.
- 13. IF CONCRETE IS TO BE USED ON SITE, THE CONTRACTOR MUST ESTABLISH AND MAINTAIN SPECIFIC WASHOUT AREAS FOR THE CONCRETE TRUCKS WITH APPROPRIATE PROTECTION CONTROLS.
- 14. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING COLLECTION AND STORAGE LOCATIONS ON-SITE FOR ALL CONSTRUCTION DEBRIS AND TRASH SO THAT THIS MATERIAL DOES NOT BECOME A NEIGHBORHOOD NUISANCE.
- 15. EXISTING TREES AND VEGETATION WILL BE RETAINED WHENEVER FEASIBLE
- 16. SITE SOIL EROSION AND SOIL STABILIZATION AND SEDIMENT CONTROLS MUST CONFORM TO ALL REQUIREMENTS OF THE APPLICABLE LOCAL COMMUNITY ORDINANCES AND STATE REGULATIONS.



Emergency Spillway / Overflow Weir Detail

- CONCRETE CURE

NOT TO SCALE



Curb Outlet Weir Cross Section NOT TO SCALE

AS SPECIFIED ON THE PLANS 5'-0" MIN. -4" CEMENT CONCRETE SIDEWAL -8" GRAVEL BORROW

1. SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
2. FOR CURB SETTING DETAIL REFERENCE STD. 7.6.0.

		R	HODE ISLAND DEPARTMENT OF TRANSPORTATION	
REVISIONS		SICNS		
NQ.	51	DATE	CEMENT CONCRETE SIDEWALK	1
1	MIP	3/1/05	SEMENT SONGKETE SIDEMALK	//_ R.I.
3	WLP	05/01/10	1110	- III STAND
			JUNE 15, 1998	143.1
_			CHEF DESIGNATION CHAPTER COMPLETE COMPL	11

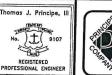
12 RUTH AVENUE

REVISIONS

DATE DRWN CHKE

OWNER: LIONEL J. RAMOS 9 SCOTT LANE

CONSTRUCTION DETAILS





PRINCIPE COMPANY, INC. ENGINEERING DIVISION 27 SAKONNET RIDGE DRIVE TIVERTON, RI 02878 401.816.5385

WWW.PRINCIPECOMPANY.

674 METACOM AVENUE AP 128 LOT 16

BRISTOL, RHODE ISLAND

DRAWN BY: BRM DESIGN BY: BRM CHECKED BY: TJP

BMP REQUIRED MAINTENANCE:

PLANT SPECIES TO BE USED

*PLANT SPECIES IN ONE GALLON CONTAINERS TO BE INSTALLED AT 2' O.C. IN GROUPS OF THREE WITHIN THE BIORETENTION AREA.

COMMON NAME

BLUE FLAG IRIS

WHITE WOOD ASTER

CARDINAL FLOWER

MULCH- SPRING, AS NEEDED
REPLACE ANY DEAD VEGETATION-SPRING
REMOVE DEAD VEGETATION-FALL OR SPRING
PRUNE-SPRING

REPLACE SOIL MEDIA AND PLANTS WHEN PONDING DOES NOT SUBSIDE WITHIN 72 HRS (CAREFUL MAINTENANCE SHOULD PROLONG THIS REQUIREMENT)

"ALL PLANT MATERIAL SHALL BE WATERED AND MAINTAINED BY THE OWNER TO ASSURE THAT SUITABLE GROWTH HAS BEEN ESTABLISHED.

MONTHLY: INSPECT AND REMOVE ANY TRASH REMOVE ANY INVASIVE SPECIES PLANTS ANNUALLY: AS NEEDED:

BOTANICAL NAME

IRIS VERSICOLOR

LOBELIA CARDINALIS

ASTER DIVARICATUS

ALL BACKFILL SHALL BE FREE FROM ORGANIC OR HTM

DEVELOPMENT PLAN REVIEW

SHEET NO: 5 of 5

SCALE: AS NOTED DATE: 07/01/2024 PROJECT NO.: ERSC-2024-2