

ATHLETIC FIELDS DRAINAGE IMPROVEMENTS

MT. HOPE HIGH SCHOOL

A.P. 117 Lots 4, 5, 6, & 10

199 Chestnut Street

BRISTOL, RHODE ISLAND

OWNER/APPLICANT:

Town of Bristol
10 Court Street
Bristol, RI 02809
(401) 253-7000

Bristol Warren Regional School District
151 State Street
Bristol, RI 02809
(401) 253-4000

CIVIL ENGINEER:



PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BUNGSTONE VALLEY PLACE
LINCOLN, RI 02865
401-254-1100

LANDSCAPE ARCHITECT:



150 Chestnut St, 4th Floor
Providence, RI 02903
401-383-4950

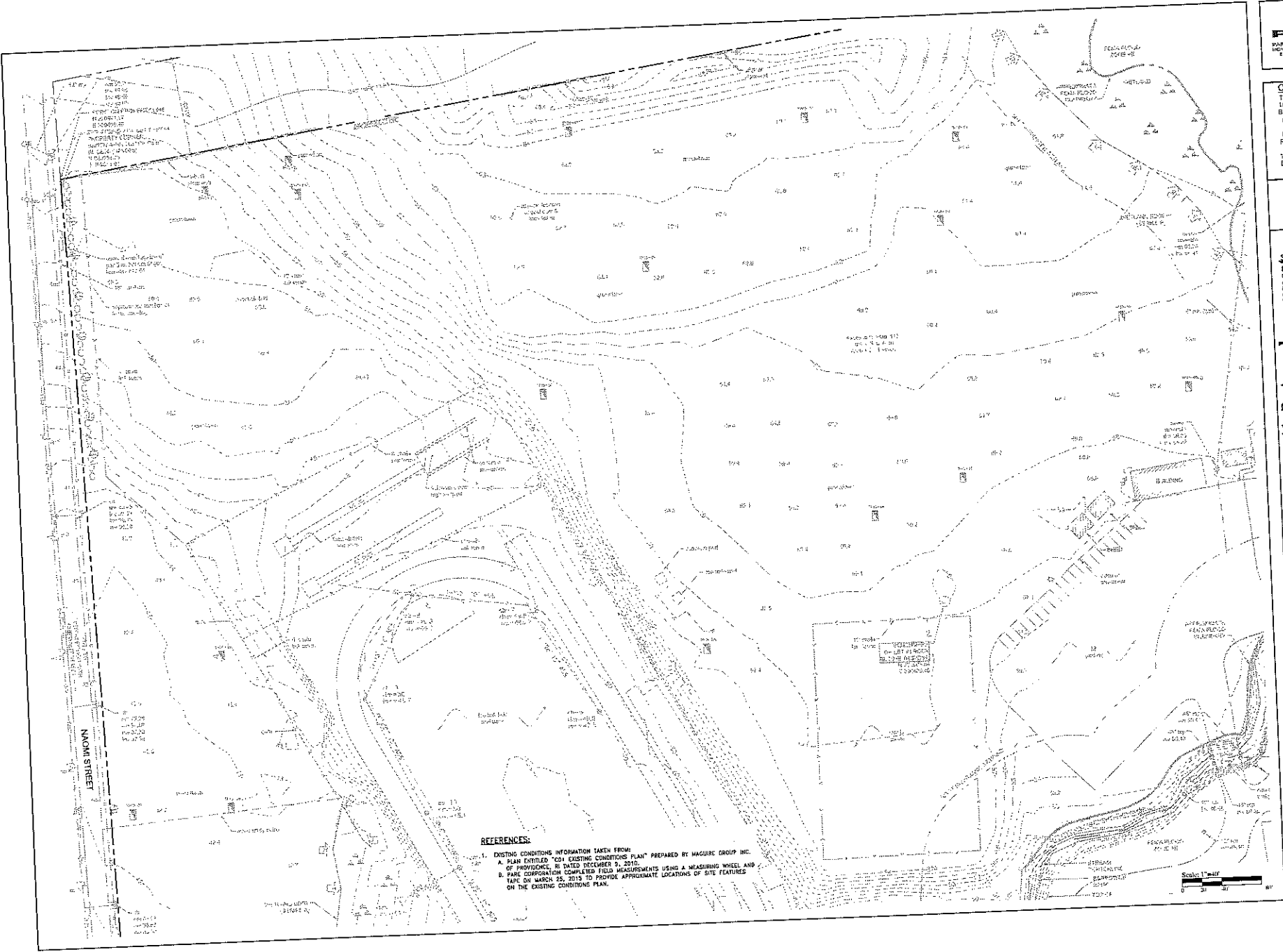


SCALE: N.T.S.

ISSUED FOR BID
APRIL 16, 2016

INDEX OF DRAWINGS

SHEET No.	DRAWING No.	DESCRIPTION
-	-	COVER SHEET
1	C0.1	EXISTING CONDITIONS PLAN
2	C1.1	NOTES & LEGEND
3	C2.1	DEMOLITION, EROSION & SEDIMENT CONTROL PLAN
4	C3.1	GENERAL PLAN
5	C4.1	GRADING PLAN
6	C5.1	DRAINAGE & UTILITY PLAN
7	C6.1	CIVIL DETAILS 1
8	C6.2	CIVIL DETAILS 2
9	L1.0	HARDSCAPE AND PLANTING PLAN
10	L2.0	LANDSCAPE DETAIL SHEET
11	L2.1	LANDSCAPE ATHLETIC AND PLANTING DETAILS



Owner/Applicant
TOWN OF BRISTOL
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DISTRICT
BRISTOL WARREN REGIONAL SCHOOL
 151 STATE STREET
 BRISTOL, RI 02809
 (401) 253-4000



Athletic Fields Drainage Improvements Mt. Hope High School

A.P. LOT 4, 5, 6, & 10
 199 Channet Street Bristol, Rhode Island

REVISIONS

NO.	DESCRIPTION	DATE

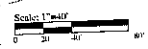
PROJECT NO.: 1056004
DATE: APRIL 16, 2018
SCALE: 1"=40'
DESIGNED BY: JHR
CHECKED BY: GJP
DRAWN BY: JMS
APPROVED BY: JPS
DRAWING TITLE:

**EXISTING
 CONDITIONS PLAN**

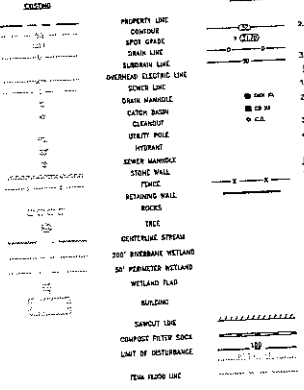
DRAWING NO.: C0.1
SHEET NO.: 1 OF 11

REFERENCES:

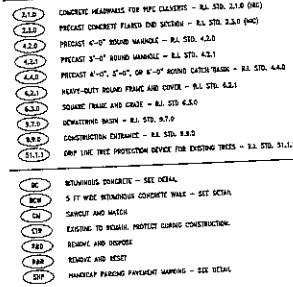
1. EXISTING CONDITIONS INFORMATION TAKEN FROM:
 A. PLAN ENTITLED "EXISTING CONDITIONS PLAN" PREPARED BY MAGUIRE GROUP INC. OF PROVIDENCE, RI DATED DECEMBER 9, 2010.
 B. PARE CORPORATION COMPLETED FIELD MEASUREMENTS USING A MEASURING WHEEL AND TAPE ON MARCH 25, 2015 TO PROVIDE APPROXIMATE LOCATIONS OF SITE FEATURES ON THE EXISTING CONDITIONS PLAN.



LEGEND



LEGEND



POST CONSTRUCTION MAINTENANCE REQUIREMENTS FOR THE DRAINAGE FACILITY

Table with columns for Component, Detail, and Maintenance Requirements. Rows include Catchment Basin, Culvert, Inlet, Outlet, and various pipe types.

GENERAL NOTES

- 1. INTERFERE IN PLACE TO THE ROAD WORK... 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR... 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR... 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR... 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR...

ABBREVIATIONS

Table of abbreviations for construction terms. Columns include Abbreviation, Full Name, and Notes. Includes terms like S&B, S&C, S&D, etc.

EROSION AND SEDIMENT CONTROL NOTES

- 1. EROSION CONTROL MEASURES SHALL BE... 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR... 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR... 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR...



PAPER CORPORATION WATER-CONTROL-MATERIALS DIVISION

Owner/Applicant: TOWN OF BRISTOL, 10 COURT STREET, BRISTOL, RI 02809

PROJECT: BRISTOL WARREN REGIONAL SCHOOL DISTRICT, 151 STATE STREET, BRISTOL, RI 02809

PROJECT: Mt. Hope High School, 109 Chestnut Street, Bristol, Rhode Island

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Owner/Applicant:
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BRISTOL, RI 02809
(401) 253-7000

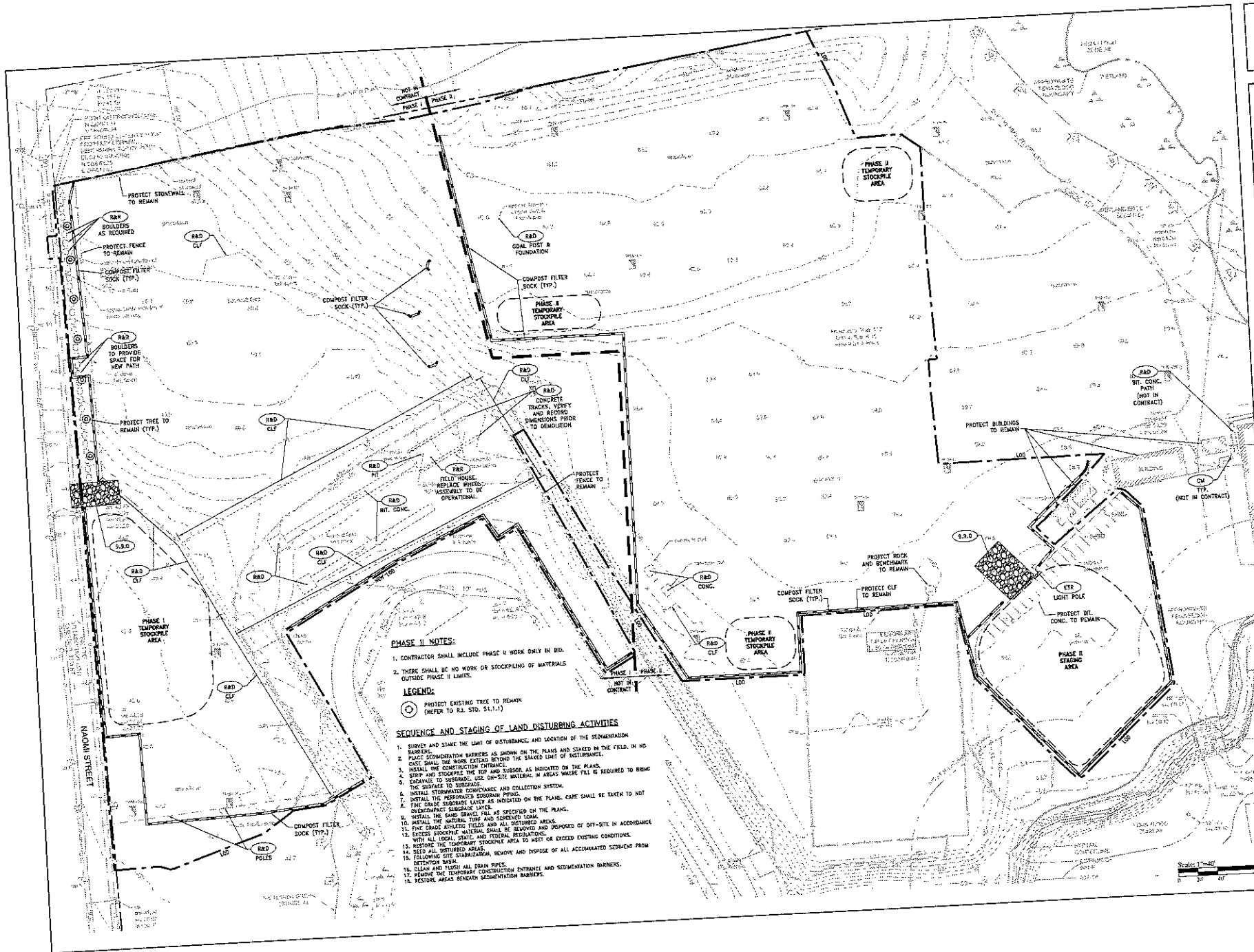
BRISTOL WARREN
REGIONAL SCHOOL
DISTRICT
151 STATE STREET
BRISTOL, RI 02809
(401) 253-4800



Athletic Fields Drainage Improvements
Mt. Hope High School
A.P. 117 Lots 4, 5, 6, & 10
199 Chatham Street Bristol, Rhode Island

REVISIONS	
NO.	DESCRIPTION

PROJECT NO:	142430
DATE:	APRIL 16, 2018
SCALE:	1"=40'
DESIGNED BY:	JRH
CHECKED BY:	DLF
DRAWN BY:	ANL
APPROVED BY:	JPS
DRAWING TITLE:	DEMOLITION, EROSION & SEDIMENT CONTROL PLAN
DRAWING NO.:	C2.1
SHEET NO.:	3 OF 11



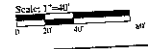
PHASE II NOTES:

- CONTRACTOR SHALL INCLUDE PHASE II WORK ONLY IN BID.
- THERE SHALL BE NO WORK OR STOCKPILES OF MATERIALS OUTSIDE PHASE II LIMITS.

LEGEND:

○ PROTECT EXISTING TREE TO REMAIN (REFER TO R.I. STD. 51.1-1)

- SEQUENCE AND STAGING OF LAND DISTURBING ACTIVITIES**
- SURVEY AND STAKE THE LIMIT OF DISTURBANCE AND LOCATION OF THE SEDIMENTATION BARRIERS.
 - PLACE SEDIMENTATION BARRIERS AS SHOWN ON THE PLANS AND STAKED IN THE FIELD, IN NO CASE SHALL THE WORK EXTEND BEYOND THE STAKED LIMIT OF DISTURBANCE.
 - INSTALL THE CONSTRUCTION ENTRANCE.
 - STRIP AND STOCKPILE THE TOP SOIL AND SUBSOIL AS INDICATED ON THE PLANS.
 - DEGRADE TO SUBGRADE; USE ON-SITE MATERIAL IN AREAS WHERE FILL IS REQUIRED TO BRING THE SURFACE TO SUBGRADE.
 - INSTALL STORMWATER CONFORMANCE AND COLLECTION SYSTEM.
 - INSTALL THE PERFORATED SUBGRADE PIPING.
 - INSTALL THE SUBGRADE LAYERS AS INDICATED ON THE PLANS. CARE SHALL BE TAKEN TO NOT OVERCOMPACT SUBGRADE LAYERS.
 - INSTALL THE SAND GRADES, FILL AS SPECIFIED ON THE PLANS.
 - INSTALL THE NATURAL TOPSOIL AND SCREENED LOAM.
 - INSTALL GRADE AND STAKE ALL DISTURBED AREAS.
 - FINE GRADE AND STAKE ALL DISTURBED AREAS.
 - SEED STOCKPILE MATERIAL SHALL BE REMOVED AND DEPOSITED OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
 - RESTORE THE TEMPORARY STOCKPILE AREA TO MEET OR BETTER EXISTING CONDITIONS.
 - SEED ALL DISTURBED AREAS.
 - RESTORE THE TEMPORARY STOCKPILE AREA TO MEET OR EXCEED EXISTING CONDITIONS.
 - FOLLOWING SITE STABILIZATION, REMOVE AND DISPOSE OF ALL ACCUMULATED SEDIMENT FROM DETENTION BASIN.
 - CLEAN AND TEST ALL DRAIN PIPES.
 - REMOVE THE TEMPORARY CONSTRUCTION ENTRANCE AND SEDIMENTATION BARRIERS.
 - RESTORE AREAS BEHIND SEDIMENTATION BARRIERS.





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BRISTOL, RI 02806
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Athletic Fields Drainage Improvements Mt. Hope High School

A.P. 107 Lots 4, 5, 6, & 10
199 Chatham Street Bristol, Rhode Island

REVISIONS:

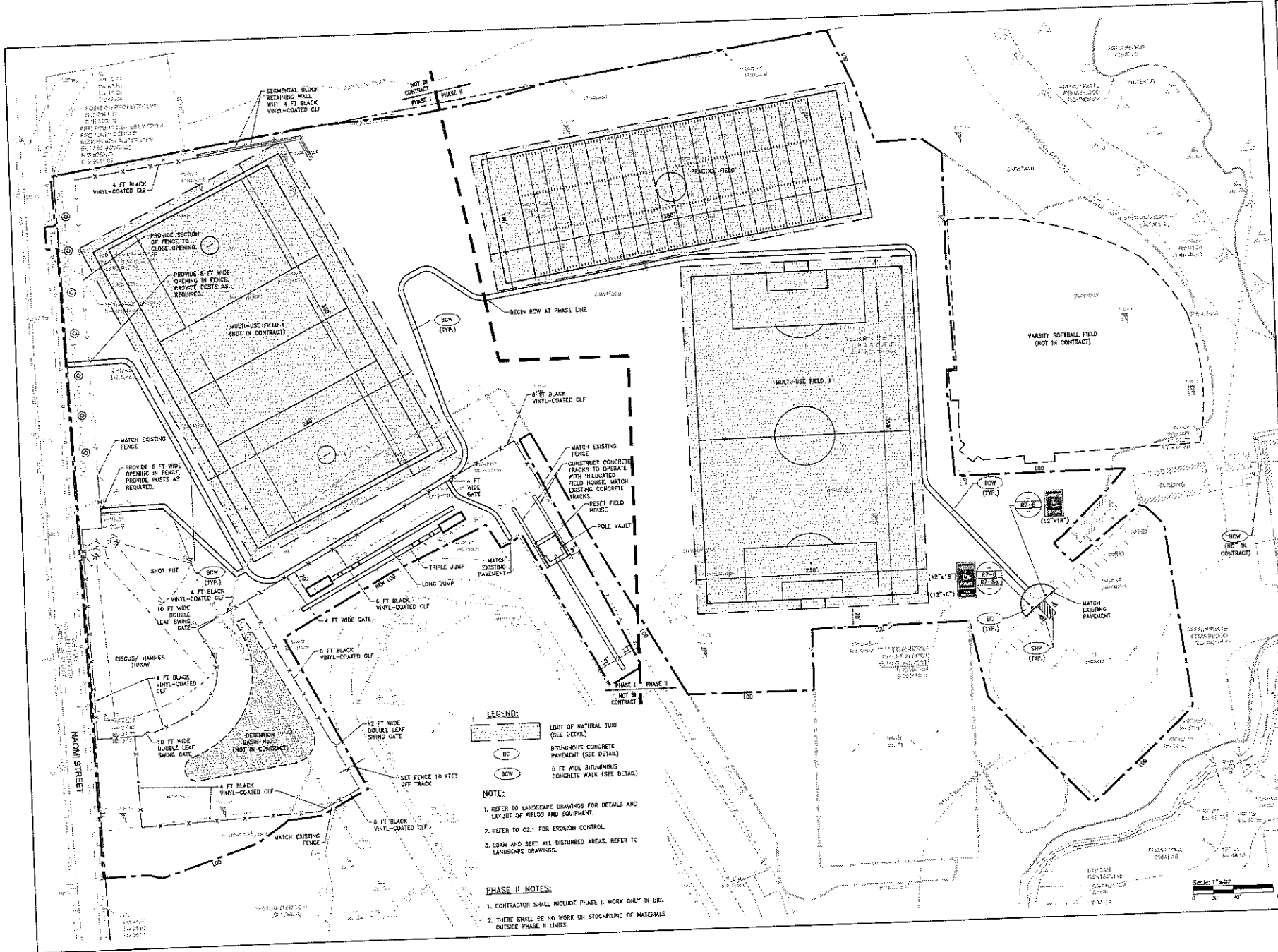
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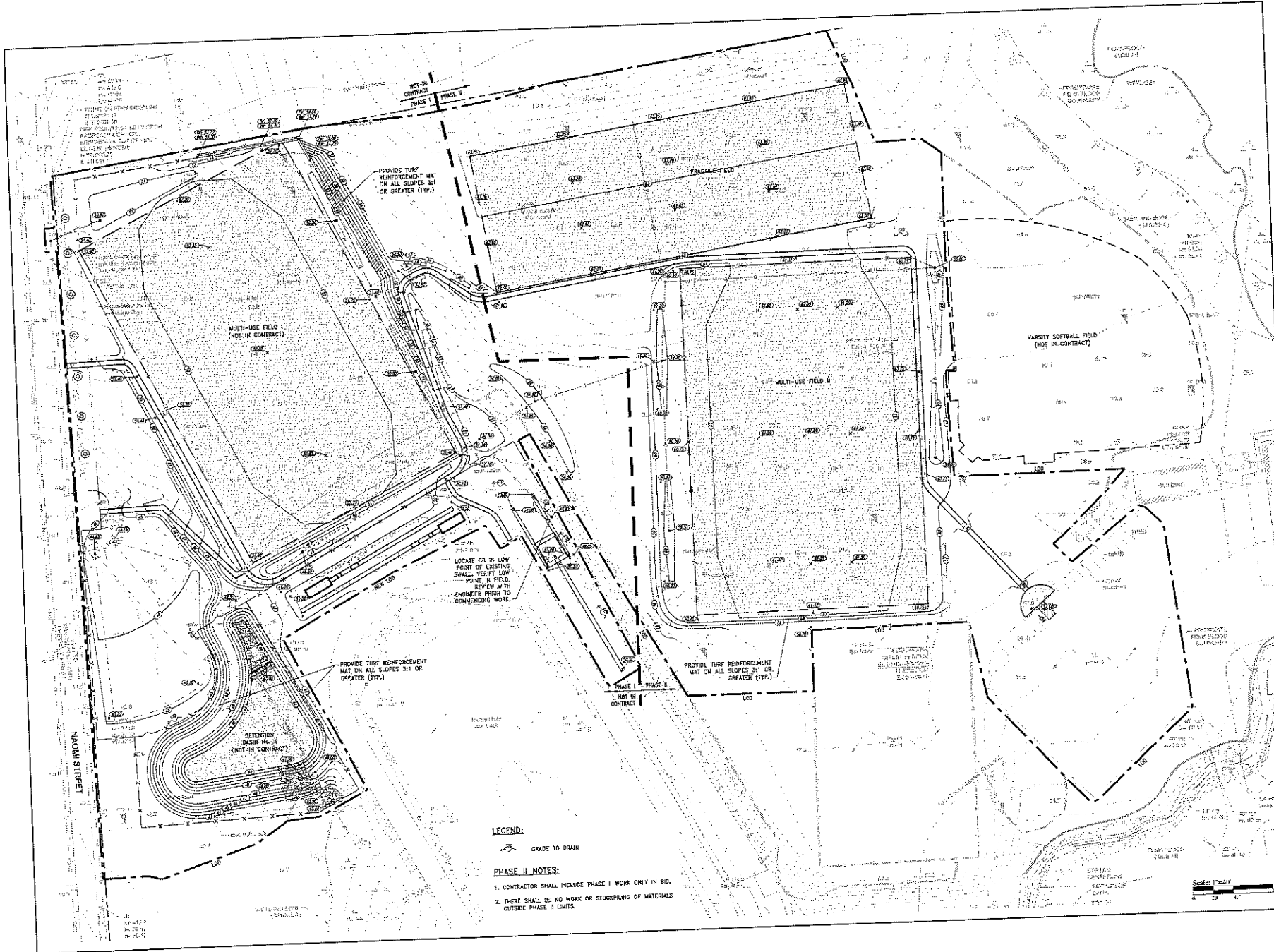
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DATE: APRIL 18, 2018
SCALE: 1"=40'
DESIGNED BY: SHL
CHECKED BY: DLP
DRAWN BY: ARL
APPROVED BY: JPS
DRAWING TITLE:

GENERAL PLAN

DRAWING NO.: **C3.1**

SHEET NO. 4 OF 13





LEGEND:
GRADE TO DRAIN

PHASE II NOTES:
1. CONTRACTOR SHALL INCLUDE PHASE II WORK ONLY IN BID.
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BRISTOL, RI 02806
(401) 253-4500



Athletic Fields Drainage Improvements Mt. Hope High School

A.P. 107 Len 4, 5, 6, & 10
109 Channah Street Bristol, Rhode Island

REVISIONS	

PROJECT NO.	14734.00
DATE	APRIL 18, 2018
SCALE	1"=40'
DESIGNED BY	BR
CHECKED BY	CLP
DRAWN BY	AAL
APPROVED BY	SPS
DRAWING TITLE	GRADING PLAN

DRAWING NO.	C4.1
SHEET NO.	6 OF 13



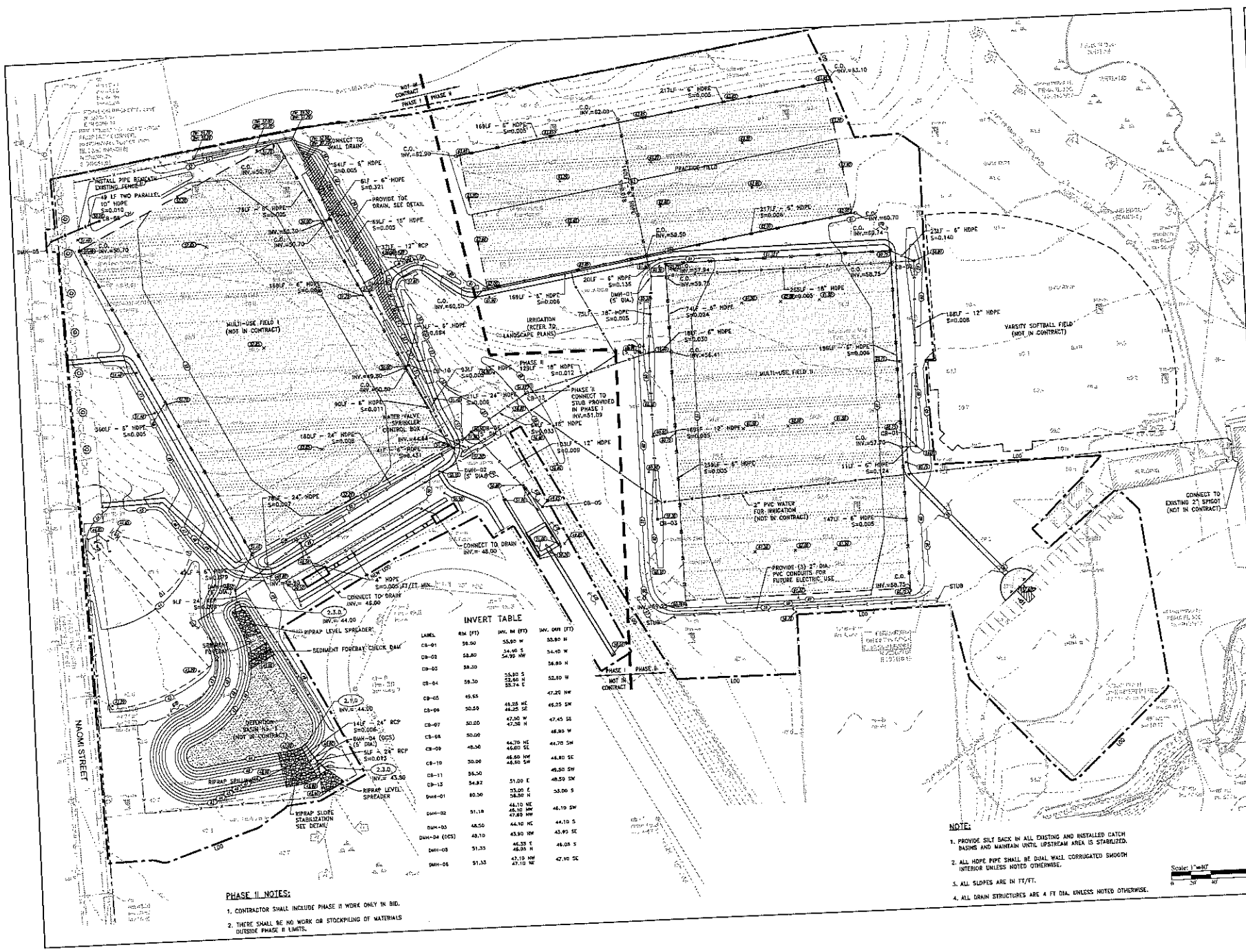
Athletic Fields Drainage Improvements Mt. Hope High School

A.P. 107 Lots 4, 5, 6 & 10
 199 Chelmut Street Bristol, Rhode Island

REVISIONS:	

PROJECT NO.:	14254.00
DATE:	APRIL 16, 2018
SCALE:	1"=40'
DESIGNED BY:	JHR
CHECKED BY:	DLP
DRAWN BY:	ANL
APPROVED BY:	JPS
DRAWING TITLE:	

DRAINAGE & UTILITY PLAN	
DRAWING NO.:	C5.1
SHEET NO.:	8 OF 13



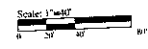
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CB-02	58.80	54.40 S	54.10 W
CB-03	58.30	54.90 SW	58.80 H
CB-04	59.30	55.80 S	52.80 W
CB-05	49.85	48.25 NE	47.20 NW
CB-06	50.55	46.25 SE	46.25 SW
CB-07	50.00	47.50 W	47.45 SE
CB-08	50.06	46.80 NW	46.80 W
CB-09	48.30	46.70 NE	44.70 SW
CB-10	50.06	46.80 NW	46.80 SE
CB-11	56.50	49.20 SW	49.20 SW
CB-13	54.82	51.00 E	48.50 SW
DWH-01	80.26	53.00 E	53.00 S
DWH-02	51.18	44.10 NE	44.10 SW
DWH-03	48.50	44.10 NW	44.10 SE
DWH-04 (DCS)	49.10	43.90 NW	43.90 SE
DWH-05	51.23	46.30 E	46.30 S
DWH-06	51.13	47.10 NW	47.10 SE

PHASE II NOTES:

- CONTRACTOR SHALL INCLUDE PHASE II WORK ONLY IN BID.
- THERE SHALL BE NO WORK OR STOCKPILING OF MATERIALS OUTSIDE PHASE II LIMITS.

NOTE:

- PROVIDE SILT BASK IN ALL EXISTING AND INSTALLED CATCH BASINS AND MAINTAIN UNTIL UPSTREAM AREA IS STABILIZED.
- ALL HOPE PIPE SHALL BE DUAL WALL CORRUGATED SMOOTH INTERIOR UNLESS NOTED OTHERWISE.
- ALL SLOPES ARE IN FT/FT.
- ALL DRAIN STRUCTURES ARE A FT DIA. UNLESS NOTED OTHERWISE.

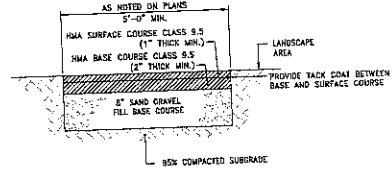
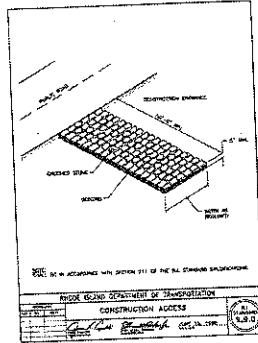
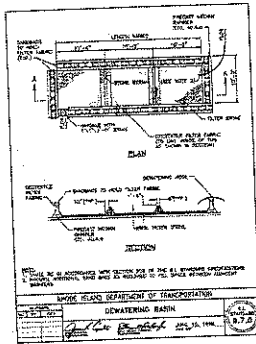
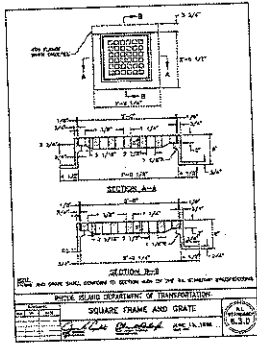
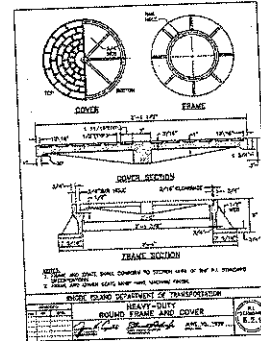
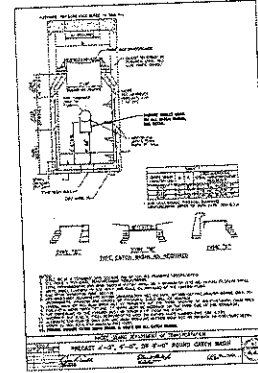
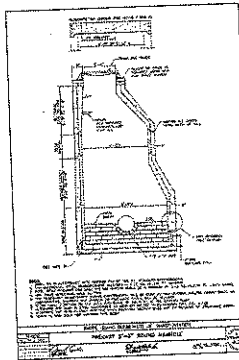
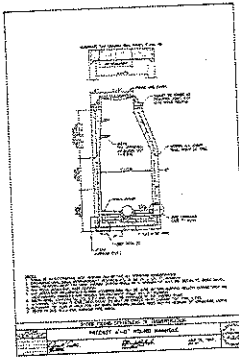




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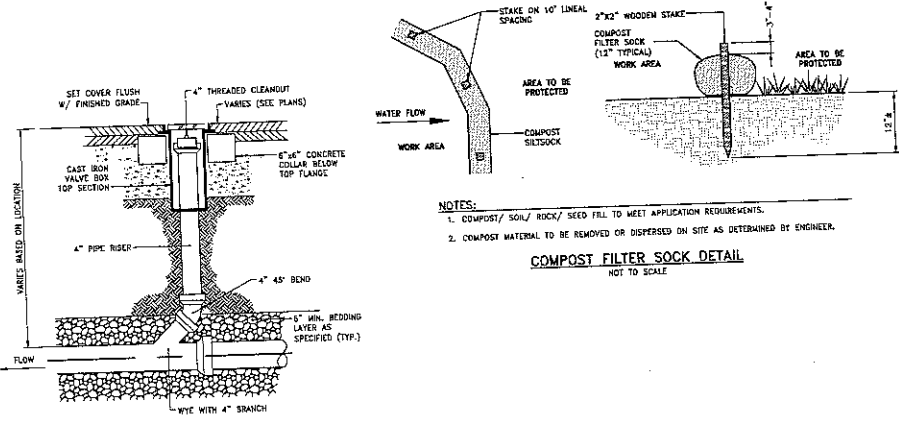
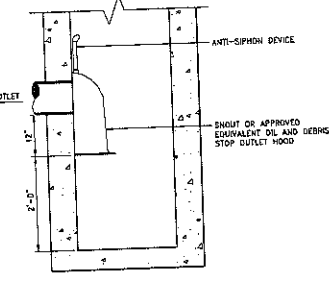
**BRISTOL WARREN
 REGIONAL SCHOOL
 DISTRICT**
 151 STATE STREET
 BRISTOL, RI 02809
 (401) 253-4000

Athletic Fields Drainage Improvements
Mt. Hope High School
 A.P. 071 Lots 4, 5, 6, & 10
 199 Channel Street Bristol, Rhode Island

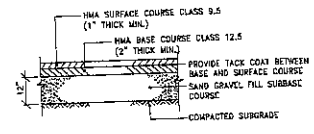


NOTE:
 1. BITUMINOUS CONCRETE SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 505 OF THE RHODE ISLAND STANDARD SPECIFICATIONS.

BCW TYPICAL BITUMINOUS CONCRETE SIDEWALK
 NOT TO SCALE



NOTES:
 1. COMPOST/ SOIL/ ROCK/ SEED FILL TO MEET APPLICATION REQUIREMENTS.
 2. COMPOST MATERIAL TO BE REMOVED OR DISPERSED ON SITE AS DETERMINED BY ENGINEER.



NOTES:
 1. SUBMIT JOB MIX FORMULAS TO ENGINEER FOR APPROVAL PRIOR TO PLACEMENT.

BC TYPICAL PAVEMENT DETAIL
 NOT TO SCALE

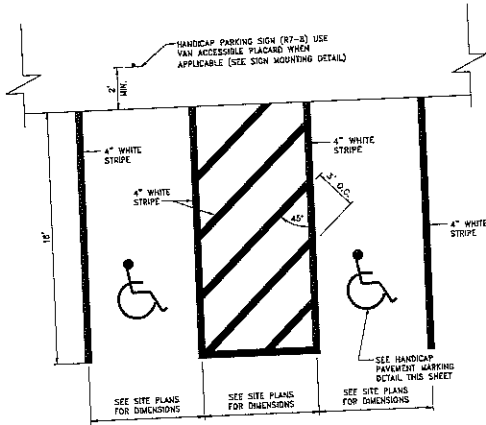
NO.	DATE	DESCRIPTION

PROJECT NO.: 1629460
 DATE: APRIL 16, 2018
 SCALE: NOT TO SCALE
 DESIGNED BY: JHR
 CHECKED BY: DLP
 DRAWN BY: ASL
 APPROVED BY: JPS
 DRAWING TITLE:

CIVIL DETAILS 1

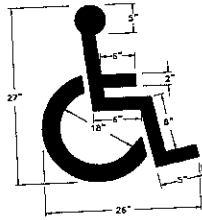
DRAWING NO. C6.1

SHEET NO. 7 OF 11



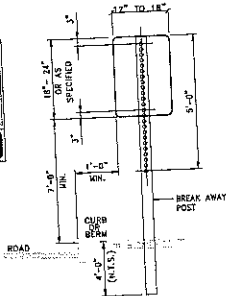
NOTE:
 1. ALL PAVEMENT MARKINGS SHALL BE EPOXY RESIN.

SHP HANDICAP PARKING STALLS @ 90°
 NOT TO SCALE



NOTE:
 ALL HANDICAP PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT.

HANDICAP PAVEMENT MARKING
 NOT TO SCALE



NOTE:
 5/16" x 2-1/2" GALVANIZED BOLTS & WASHERS
 STEEL SPECIFICATION - A.S.T.M. DESIGNATION A499-64 ZINC (HOT GALVANIZED) SPECIFIED BY - A.S.T.M. A 153
 WT./FT. 3.00 #
 Worn. by x 0.484in#
 See Mod x-x 0.589in#
 Worn. by y 0.889in#
 See Mod y-y 0.500in#

PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° WITH A LINE PARALLEL TO THE FLOW OF TRAFFIC.

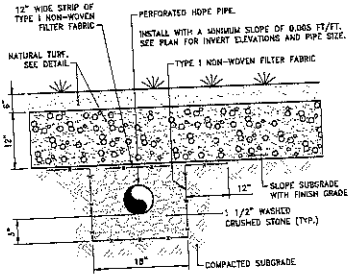
SIGN MOUNTING NOTES:

1. ALL LAG BOLTS, BOLTS AND WASHERS SHALL BE GALVANIZED 5/16"x 1/2" LONG UNLESS OTHERWISE NOTED.
2. WASHERS SHALL BE 0.07" THICK.
3. ALL SIGN COLORS, BOLD AND BORDERS AS SPECIFIED IN "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
4. SHALL BE IN ACCORDANCE WITH SECTION T.16 OF THE RHODE ISLAND STANDARD SPECIFICATIONS.
5. PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° WITH A LINE PARALLEL TO FLOW OF TRAFFIC.

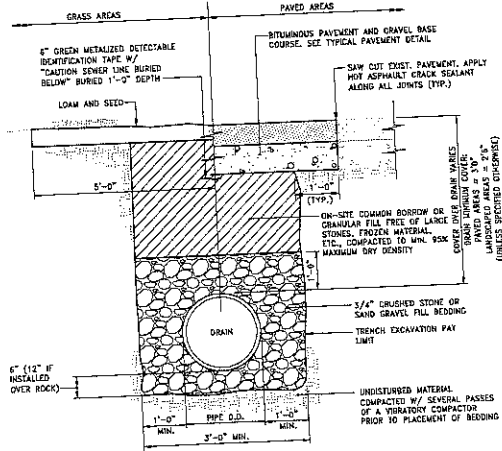
HANDICAP SIGN NOTES:

1. ALL HANDICAP PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS AS SPECIFIED BY THE AMERICANS DISABILITIES ACT (ADA).
2. SIGN(S) SHALL BE LOCATED SO THEY CANNOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.
3. FOR HANDICAPPED VAN SPACE USE SIGN AS DETAILED.
4. FOR HANDICAPPED SPACE FOR AUTOMOBILES USE ONLY HANDICAPPED PARKING SIGN.

SIGN MOUNTING
 NOT TO SCALE

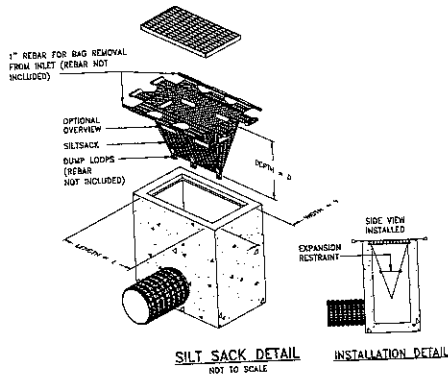


SUBDRAIN DETAIL
 NOT TO SCALE



- NOTES:
1. WHERE THE DISTANCE BETWEEN THE SAWCUT AND EDGE OF PAVEMENT IS 3" OR LESS, THE CONTRACTOR SHALL REPAIR THE PAVEMENT FROM THE TRENCH EDGE TO THE EXISTING EDGE OF PAVEMENT.
 2. 3/4" DIA. CRUSHED STONE SHALL BE USED AS BEDDING WHERE TRENCH IS BELOW THE GROUND WATER TABLE.

TYPICAL DRAIN TRENCH DETAIL
 NOT TO SCALE



SILT SACK DETAIL
 NOT TO SCALE

INSTALLATION DETAIL



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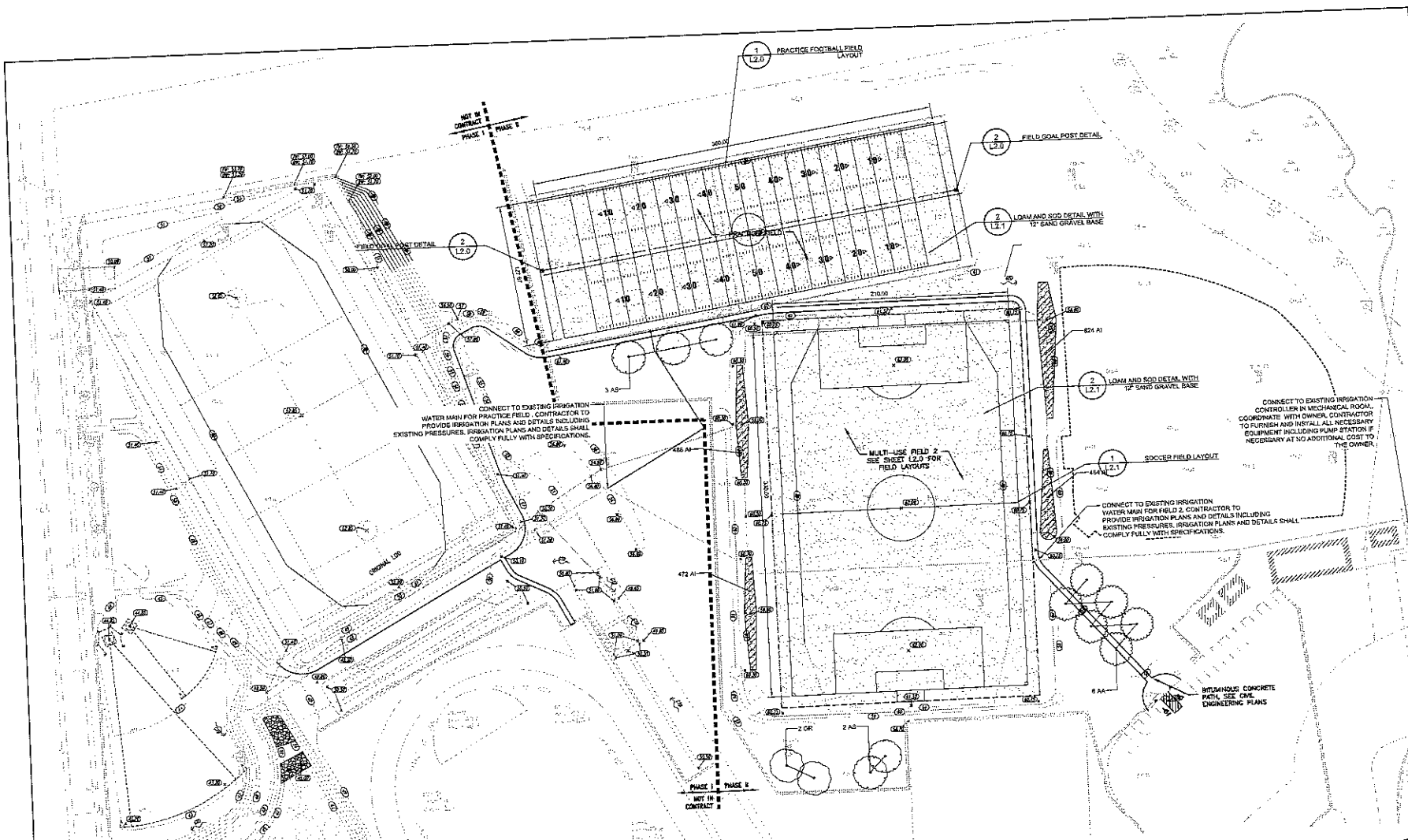
BRISTOL WARREN
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 BRISTOL, RI 02809
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Athletic Fields Drainage Improvements
Mt. Hope High School
 A.P. Lot 4, 5, 6, & 10
 198 Charlat Street, Bristol, Rhode Island




REVISIONS


PROJECT NO.: 14234.00
 DATE: APRIL 18, 2016
 SCALE: NOT TO SCALE
 DESIGNED BY: JHR
 CHECKED BY: DLP
 DRAWN BY: AXJ
 APPROVED BY: JPS
 DRAWING TITLE: CIVIL DETAILS 2


DRAWING NO.: C6.2
 SHEET NO. 8 OF 13



PLANT SCHEDULE

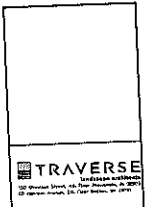
TREES		QNT	CITY
BOTANICAL NAME / COMMON NAME			
 Acer rubrum 'Autumn Blaze' / Autumn Blaze Red Maple	B & B	6	
 Acer saccharum / Sugar Maple	B & B	5	
 Quercus rubra / Red Oak	B & B	2	

SHOULDER AREAS		QNT	SPACING	CITY
BOTANICAL NAME / COMMON NAME				
 Andropogon gerardii 'Indian Warrior' / Indian Warrior Big Bluestem	Plug	18" o.c.	2,245	

GROUND COVERS		QNT	SPACING	CITY
BOTANICAL NAME / COMMON NAME				
 Sod Lawn	sod		12x, 60x ft	

NOTE:

- 1.0 ALL DISTURBED AREAS SHALL RECEIVE GENERAL LAWN AREA SEED MIX.
- 2.0 ALL EXISTING UNDISTURBED LAWN AREAS SHALL BE OVER SEED TO LIMIT OF DISTURBANCE (L.O.D) UNLESS OTHERWISE NOTED ON PLANS.
- 3.0 ALL ATHLETIC FIELDS SHALL RECEIVE ATHLETIC FIELD SOO TO LIMIT AS IDENTIFIED ON PLANS ALL OTHER AREAS SHALL BE ATHLETIC FIELD SEED MIX TO MATCH SOO.
- 4.0 CONTRACTOR TO PROVIDE WATER SUPPLY AND IRRIGATION PLANS FOR BOTH PRACTICE FOOTBALL AND COMPETITIVE MULTI-USE FIELDS. CONTRACTOR TO VERIFY PRESSURES AND SUITABLE IRRIGATION PLANS BASED ON EXISTING PRESSURES. CONTRACTOR TO PROVIDE IRRIGATION PUMP STATION BASED ON DESIGN FLOW. IF NECESSARY CONTRACTOR SHALL INCLUDE AT NO ADDITIONAL COST TO OWNER CONTRACTOR TO PROVIDE ALL NECESSARY INFORMATION TO THE LANDSCAPE ARCHITECT FOR EVALUATION AND APPROVAL.
- 5.0 FOR ALL ATHLETIC EQUIPMENT SEE SPECIFICATION 11 OR DD FOR ATHLETIC FIELD EQUIPMENT. BELOW IS EQUIPMENT FOR MULTI-USE FIELD 2:
MULTI-USE FIELD 2 (PHASE II):
PAIR OF SOCCER GOALS
FOUR SOCCER CORNER FLAGS
PAIR OF LAZZERGO GOALS
PAIR OF FIELD HOCKEY GOALS
PAIR OF FOOTBALL UPRIGHTS WITH PADS



Athletic Fields Drainage Improvements
Mt. Hope High School
199 Glensmit Street
Bristol, Rhode Island

REVISIONS	

PROJECT NO.:	A186A
DATE:	APR 16, 2018
SCALE:	1"=40'-0"
DESIGNED BY:	AE
CHECKED BY:	JR
DRAWN BY:	JR
APPROVED BY:	AE
DRAWING TITLE:	

HARDSCAPE AND PLANTING PLAN
DRAWING NO.: L1.0
SHEET NO. 4 OF 8

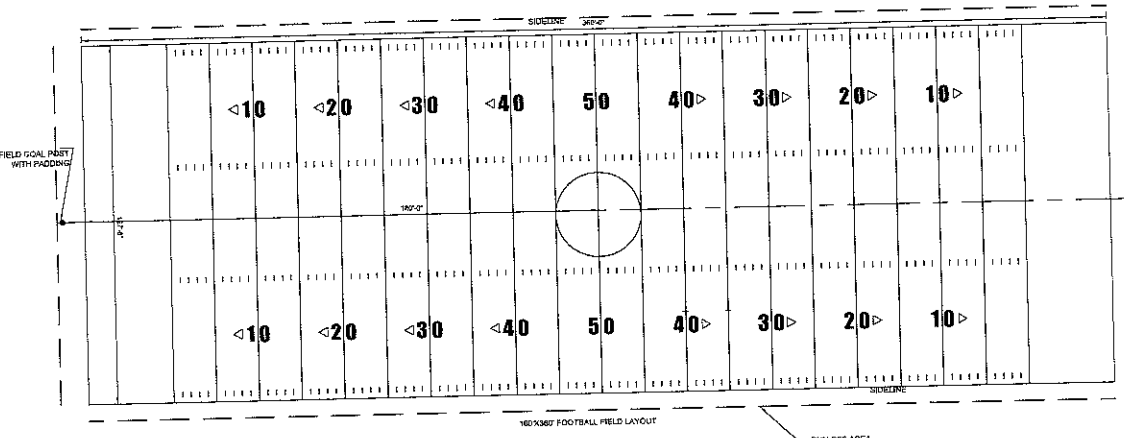


REVISIONS:

NO.	DATE	DESCRIPTION

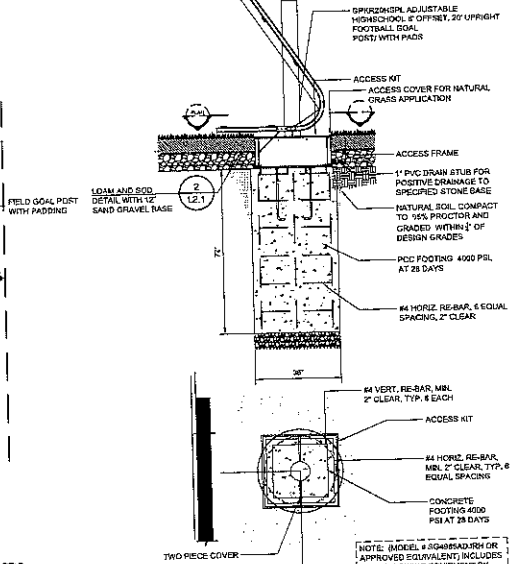
PROJECT NO.: 11604
 DATE: April 18, 2018
 SCALE: 1"=30'-0"
 DESIGNED BY: AE
 CHECKED BY: JH
 DRAWN BY: JH
 APPROVED BY: AE
 DRAWING TITLE:
 LANDSCAPE
 DETAIL SHEET

DRAWING NO.: L2.0
 SHEET NO.: 3 OF 4



NOTE: FIELD DOES NOT MEET NFHS REQUIREMENTS FOR FIELD SIZE AND IS NOT INTENDED FOR USE AS A COMPETITION FIELD.

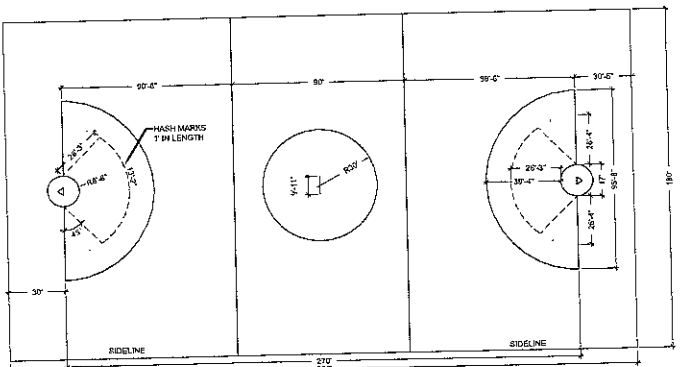
1 PRACTICE FOOTBALL FIELD LAYOUT
 1" = 30'



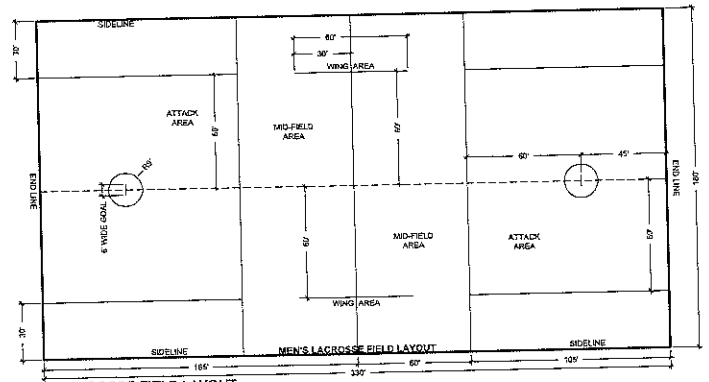
NOTE: (MODEL # 50496AD-RH OR APPROVED EQUIVALENT) INCLUDES THE FOLLOWING EQUIPMENT BY (SPORTS FIELD SPECIALTIES) (CONSUMER, Full Goal, SG56P, GoalPost Soccer Goal Safety System, 16568R Regulation Round Post-Support, Goal SG455 SG5636 Wheel Kit, SG29104 - Wheel Goal International Soccer Corner Caps, 627).

2 FIELD GOAL POST DETAIL
 1/2" = 1'-0"

NOTE:
 1.0 NOT A NFHS REGULATED FOOTBALL FIELD.
 2.0 FIELD DIMENSIONS FOR PRACTICE ONLY.
 3.0 CONTRACTOR TO PAINT FIELD MARKINGS FOR FALL SEASON.
 4.0 SEE SPECIFICATION 11 66 00 FOR UPRIGHTS AND GOAL POST PADS.

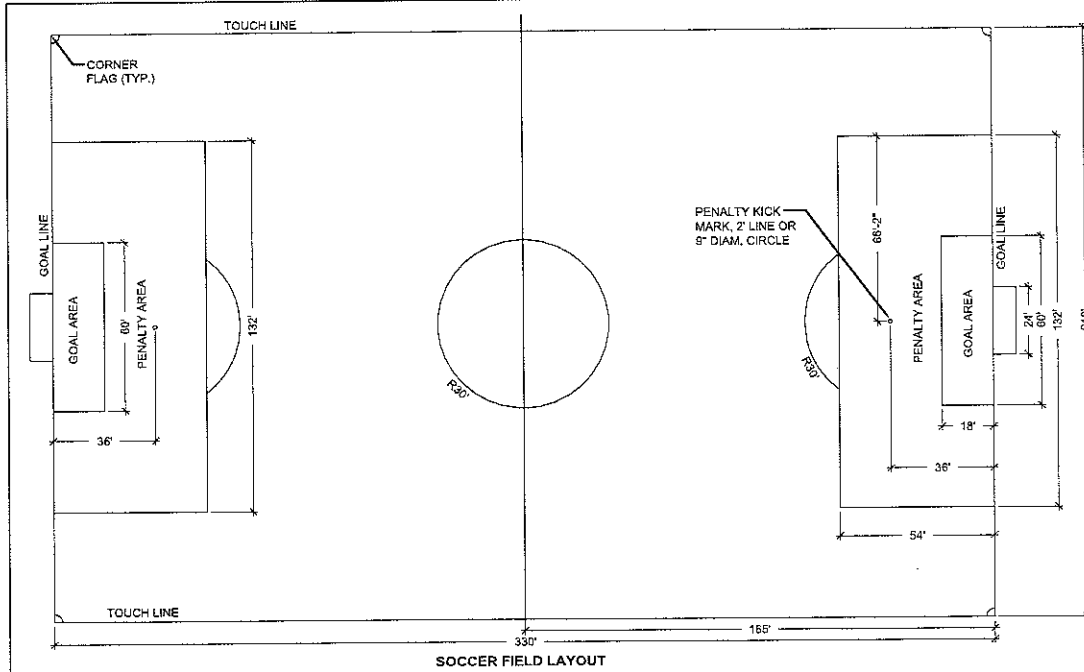


3 WOMEN'S LACROSSE FIELD LAYOUT
 1" = 30'



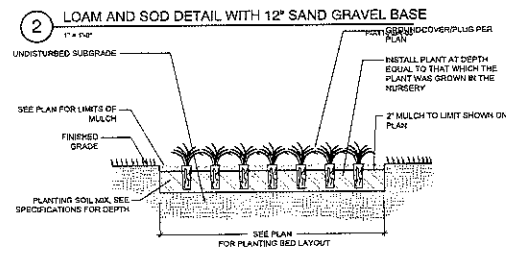
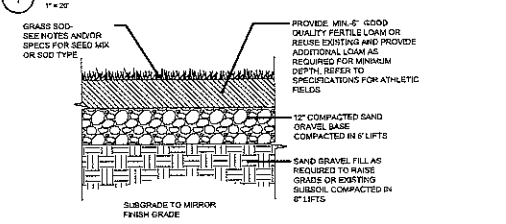
4 MENS LACROSSE FIELD LAYOUT
 1" = 30'

PAT-148R-08

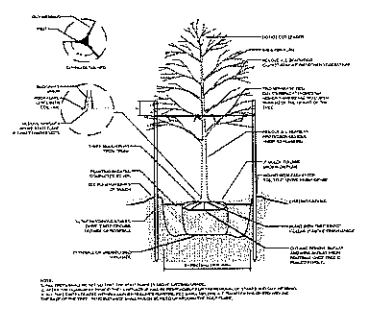


- NOTES:
 1. CENTERLINES OF SPORTS FIELDS SHALL BE LOCATED AT CENTERLINES OF TRACK.
 2. REFER TO SPECIFICATION SECTION 32 92 30 FOR FIELD MARKING INFORMATION.

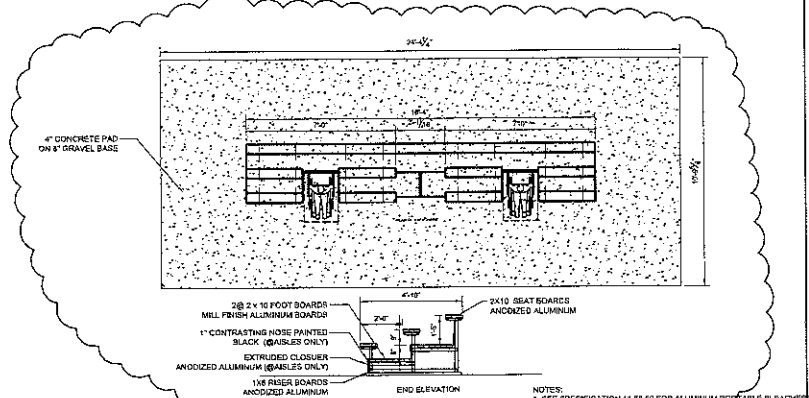
1 SOCCER FIELD LAYOUT



4 GROUNDCOVER & PLUG PLANTING



3 DECIDUOUS TREE PLANTING AND STAKING



5 PORTABLE BLEACHERS ALTERNATE

- GENERAL NOTES:
- All plant material must be tagged in the ground, at the nursery by the Landscape Architect. All plant material shall be commercially obtained and shall meet the American Association of Nurserymen standards for nursery stock, latest edition, and its amendments. Plant only during season normal to the particular variety. All plant inspections will be at the expense of the contractor. Permanent soils will be required.
 - Planting beds shall be excavated to a minimum depth of 12" and new loam and compost (50/50 mix) shall be incorporated into the planting bed to meet surrounding grades unless otherwise noted or detailed. Cover all planting beds with 3" shredded hardwood bark mulch within a seventy-two hour period after planting. See plan for bed layout.
 - All existing and proposed trees shown in loam area shall receive a 5' diameter mulch bed. Mulch shall be placed to a depth of 3". Remove all soil, roots, sticks and stones prior to placement of mulch.
 - All plant materials furnished by the contractor shall be guaranteed for a period of one year from final acceptance of landscape work.
 - Stake all trees over 5' as shown on details. Remove stakes at the end of the guarantee period.
 - The contractor is responsible for keeping the site clean of miscellaneous debris throughout the construction period. All waste material is to be disposed of immediately to an off-site location, unless otherwise indicated on the plans.
 - The contractor shall perform all work in accordance with all local, state, and federal regulations, and shall obtain all necessary permits for this project.
 - Loam: Loam moved during the course of construction shall be retained and distributed within the site in accordance with the landscape plan. Spoiled loam shall not be mixed with any subsoil, poisonous weeds or unsuitable materials. All excess loam shall remain on the property of the owner. New loam if required to provide the specified depth, shall be a fertile, friable medium textured sandy loam free of material toxic to healthy plant growth. Loam shall also be free of all stumps, roots, stones and other extraneous matter on both (1") or greater in diameter. The pH shall be between 6.5 and 7.5. Organic content shall be a minimum of 2%.
 - Loam Preparation: Remove all debris and other inorganic materials on the prepared subgrade, reshape and dress any damaged or eroded area prior to spreading the loam. Scarify and loosen subgrade in any areas where compaction may have occurred. Spread eroded and off-site loam on all disturbed areas to produce a depth of 6" unless otherwise noted on the plans. Fine grade loamed areas to produce a smooth and uniform finish grade to the required depth. Apply a starter fertilizer (10-20-10) at a rate of 20 lbs. per 1000 square feet and lime at a rate of 40 lbs. per 1000 square feet unless otherwise noted on the plans or in the specifications. Once spread, the fertilizer and lime shall be thoroughly incorporated into the loam. The loam shall be rolled, and depression shall be top dressed and rolled to create a smooth surface.
 - Seeding: Seeding shall take place between March 15 and May 31 or August 15 and October 15 only. Seed shall be pure, live, fresh seed from commercial sources meeting and labeled in accordance with State and Federal rules and regulations.
 - Protection of Existing Plantings: Maximum effort should be made to save tree or other plant specimens which are large for their species, rare to the area, or of special horticultural or landscape value. Contact owner/landscape architect before removing any specimen of this type unless otherwise noted on the plans. No material or temporary soil deposits shall be placed within the drip line of shrubs or trees designated on the landscape plan to be retained. Protective barriers are to be installed around each plant and/or group of plants that are to remain on the site. Barriers shall not be supported by the plants they are protecting, but shall be self supporting. They shall be of minimum of four feet (4') high and constructed of a durable material, such as snow or silt fence, that will last until construction is completed.
 - Pruning: The contractor shall employ a certified arborist to prune any existing roots or branches contrary to any pruning practices that are not approved by the owner/landscape architect before removing any specimen of this type unless otherwise noted on the plans. The use of axes for trimming or saws for trimming will not be permitted.
 - Existing Utilities: In accordance with Dig-Soft low (1-800-225-4277), the contractor shall conduct all applicable utility companies and verify utility line locations. The contractor shall be solely responsible for any/all utility damage. Record locations of Dig-Soft utility line markings on project record documents.
 - Disturbed Areas: Any areas disturbed during the course of construction are to be restored to original (or better) condition by contractor before completion of the project, and are subject to approval by landscape architect and owner. All grass areas disturbed during construction shall be yard raked to remove stones and loamed and seeded as per specifications.
 - Lays: All notes and dimensions are typical unless otherwise noted. All dimensions are square (parallel or perpendicular) unless otherwise noted. The contractor shall notify the owner/owner's representative immediately in the event of any discrepancies found in the contract documents and/or in the field, or of conditions uncovered in the work which are not reflected in the plans.
 - Drainage Systems: Contractor is responsible for general clean-out of all catch basins, manholes, and/or other drainage features on the site which have accumulated sediment as a result of construction activities.
 - Cleaning: Contractor is responsible for keeping site clean of miscellaneous debris throughout the construction period. All waste material is to be disposed of immediately to an off-site location, unless otherwise indicated on the plan.



Athletic Fields Drainage Improvements
 Mt. Hope High School
 199 Chestnut Street
 Bristol, Rhode Island

REVISIONS:	
NO.	DESCRIPTION

PROJECT NO.: A1004
 DATE: April 18, 2015
 SCALE: NTS
 DESIGNED BY: AE
 CHECKED BY: JR
 DRAWN BY: JR
 APPROVED BY: AE
 DRAWING TITLE:

LANDSCAPE ATHLETIC AND PLANTING DETAILS
 DRAWING NO.: L2.1
 SHEET NO. 6 OF 6