

SITE PLAN SET

FOR



PLAT 195, LOT 2

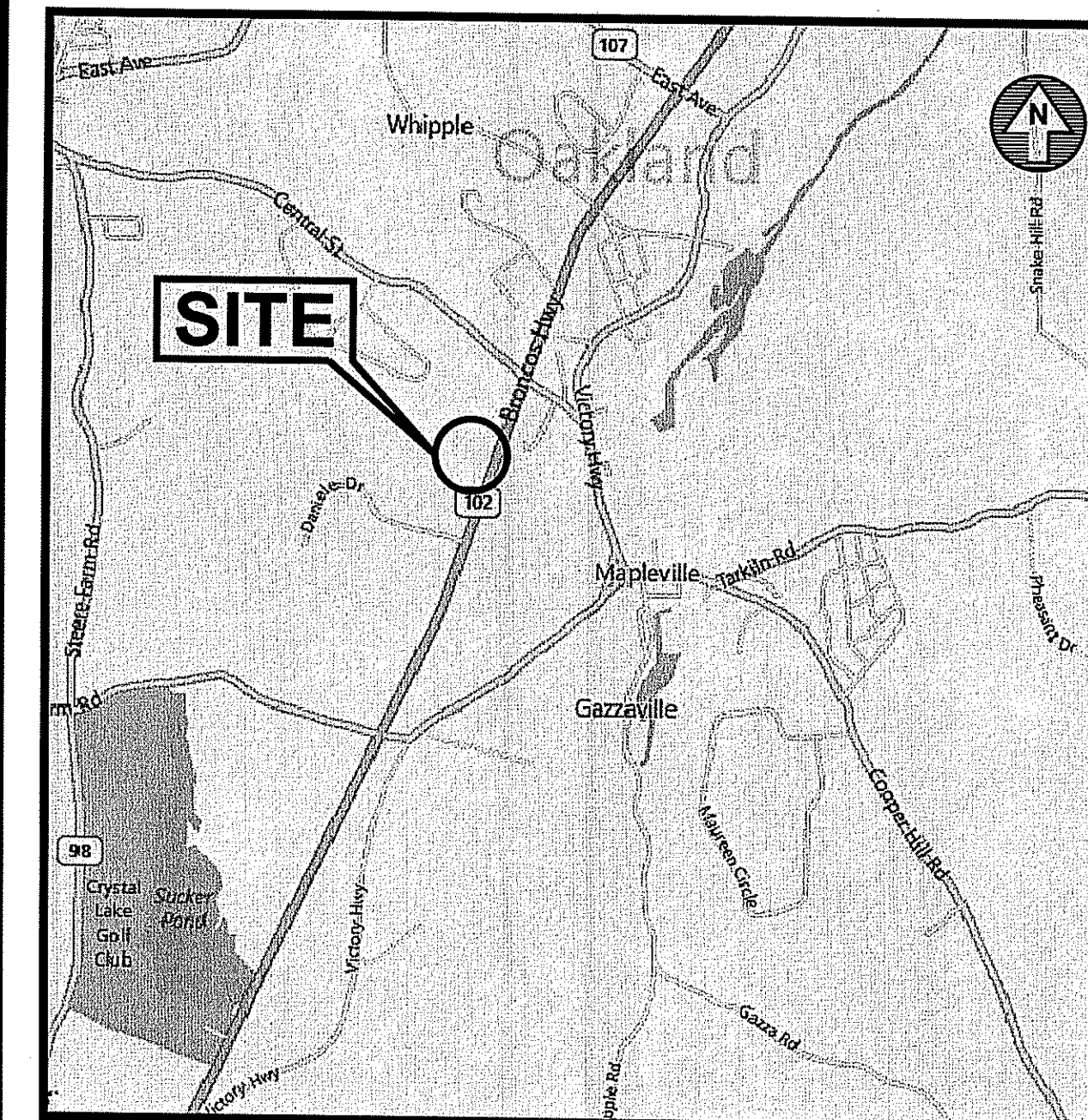
BURRILLVILLE COMMERCE PARK

BRONCO HIGHWAY

BURRILLVILLE, RHODE ISLAND

ZONING DISTRICTS: GI (GENERAL INDUSTRIAL)

ROUTE 102 DEVELOPMENT MANAGEMENT OVERLAY ZONE



LOCATION MAP
SCALE: 1"=2000'

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OWNER/APPLICANT

The Industrial Foundation Of Burrillville
 Kevin P. Menard - President
 c/o Scott A. Gibbs
 The Economic Development Foundation
 of Rhode Island
 1300 Highland Corporate Drive
 Suite 202
 Cumberland, RI 02864

ENGINEERS and LAND SURVEYORS



- Civil
- Transportation
- Environmental
- Site Planning
- Landscape Architecture
- Land Surveying

CROSSMAN ENGINEERING

151 Centerville Road | Warwick, Rhode Island 02886
 Phone: (401) 738-5660 | Fax: (401) 738-8157
 Email: cel@crossmaneng.com

ARCHITECT

Ed Wojcik

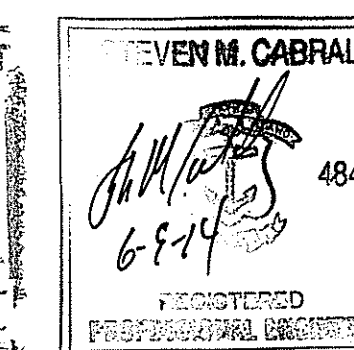
architect, ltd

One Richmond Square
 Providence, RI 02906
 401 • 861 • 7139
 Fax: 401 • 861 • 7165

BUILDER

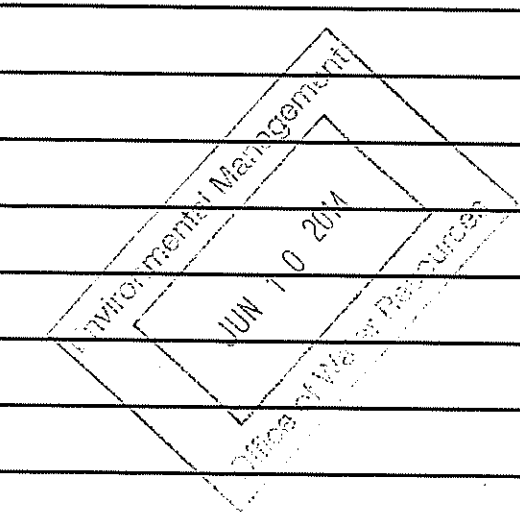
Bowerman Associates, Inc.
 1 Richmond Square, Suite 220E
 Providence, Rhode Island 02906
 Tel: (401) 454-4300
 Fax: (401)454-4600

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUN 20 2014 FILE # 14-0092
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.



REVISIONS

No.:	DATE:	DESCRIPTION:
1	05/20/14	VALUE ENGINEERING
2	06/09/14	R.I.D.E.M. COMMENTS



APRIL 2014
 SHEET 1 of 18

GENERAL NOTES

- ALL EXISTING UTILITIES HAVE BEEN PLOTTED BASED UPON BEST AVAILABLE INFORMATION AND REPRESENT APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE AND UTILITIES, BOTH UNDERGROUND AND OVERHEAD, BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH "DIG SAFE PROGRAM LAW" ENACTED BY THE R.I. LEGISLATURE AND BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY CITY, STATE OR FEDERAL AGENCY THAT MAY APPLY. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- SPECIFICATIONS TO GOVERN THIS PROJECT ARE R.I.D.O.T. STANDARD SPECIFICATIONS. FOR ALL EXCAVATION, PLACEMENT OF FILL, PIPE INSTALLATION, BITUMINOUS PAVEMENT, CUTTING INTO CATCHBASIN/MANHOLES, CONCRETE AND SAWCUTTING, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010 EDITION, WITH LATEST REVISIONS UNLESS OTHERWISE SHOWN ON PLANS. THE "METHOD OF MEASUREMENT" AND "BASIS OF PAYMENT" ARE NOT APPLICABLE. THESE SPECIFICATIONS CAN BE OBTAINED ON-LINE AT:
 HTTP://WWW.DOT.STATE.RI.US/ENGINEERING/STANDARDS/INDEX.ASP
- FOR ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- RHODE ISLAND STANDARDS REFERENCED ARE ACCORDING TO THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS "RHODE ISLAND STANDARD DETAILS" DATED OCTOBER 12, 2012, WITH ALL REVISIONS AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR MUST VERIFY PRIOR TO CONSTRUCTION THAT ALL REQUIRED AUTHORIZATION TO PERFORM WORK HAS BEEN OBTAINED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION OPERATIONS INCLUDING ALL ACTIONS OR OMISSIONS OF ANY SUBCONTRACTORS, AGENTS OR EMPLOYEES. THE CONTRACTOR MUST ENSURE THAT THE CONDITIONS OF ALL PERMITS, SPECIFICATIONS AND FEDERAL, STATE AND LOCAL REGULATIONS ARE STRICTLY ENFORCED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ASPECTS OF ON-SITE SAFETY INCLUDING ANY DAMAGE TO EXISTING STRUCTURES.
- WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING THE WORK. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS AND PLANS AND INSPECT THE SITE, AND THE BID PRICE SHALL INCLUDE ALL SERVICES AND MATERIALS NECESSARY TO COMPLETE THE PROJECT. ANY CHANGES TO THE PROJECT OR THE INSTALLATION OF AN ITEM FOR WHICH NO PARTICULAR DETAIL OR SPECIFICATION WAS PROVIDED MUST BE REVIEWED BY AND MUST BE ACCEPTABLE TO THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ANY WORK.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT PRIOR TO THE INITIATION OF WORK. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS, RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.
- ALL DISTURBED AREAS SHALL BE REPLACED IN KIND UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL OBTAIN COPIES OF PERMITS FOR THIS SITE AND SHALL ADHERE TO ANY PERMIT CONDITIONS THESE PERMITS INCLUDE: BURRILLVILLE MAJOR LAND DEVELOPMENT, RIDEM WETLANDS, RIDEM RIPPLES AND LOCAL WATER AND SEWER APPROVALS.

LAYOUT NOTE

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE TO SET AND VERIFY ALL LINES AND GRADES. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY ITEM FOUND WHICH DOES NOT MATCH THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW. NO WORK SHALL PROCEED UNTIL AUTHORIZED BY THE ENGINEER.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION AS TO NOT INTERFERE WITH BUSINESS OPERATIONS FOR MAP 195 LOT 3.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY CONSTRUCTION SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)
- TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
- THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS WILL NOT BE PARKED IN THE ROADWAY RIGHT-OF-WAY.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS, CHANNELING DEVICES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 1988 EDITION, INCLUDING REVISION 3, SEPTEMBER 3, 1993, AND SUBSEQUENT ADDENDA.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE STATE D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

CONSTRUCTION NOTES

- THE CONTRACTOR IS REQUIRED TO OBTAIN AND REVIEW ALL ENGINEERING DOCUMENTS COMPLETED FOR FINAL DESIGN INCLUDING BUT NOT LIMITED TO GEOTECHNICAL REPORTS. THE GEOTECHNICAL REPORTS SPECIFY SOIL COMPACTION METHODS AND OTHER CONSTRUCTION RELATED REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO INSTALLATION OF UTILITIES ON SITE. THE COORDINATION IS NECESSARY FOR THE ENGINEER TO SCHEDULE SITE INSPECTIONS. INSTALLATIONS PERFORMED WITHOUT INSPECTIONS BY THE ENGINEER MAY WARRANT COMPLETE REMOVAL AND REINSTALLATION AT THE CONTRACTOR'S SOLE EXPENSE.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN DETAILED AS-BUILT INFORMATION FOR ALL UTILITY INSTALLATIONS. AS-BUILT INFORMATION MUST INCLUDE MATERIAL LIST, PIPE DEPTH AND SWING THE LOCATIONS (2 MINIMUM) FROM NEW PIPE TO BUILDING CORNERS. ALL PIPE BEND/ELBOW LOCATIONS SHALL BE DIMENSIONED. FINAL PAYMENT WILL NOT BE MADE UNTIL SUITABLE AS-BUILT DATA IS PROVIDED.

MAP REFERENCES

- PLANS ENTITLED "FINAL PLANS FOR ROUTE 102 COMMERCE PARK, ASSESSOR'S PLAT 212, LOT 1, BRONCO HIGHWAY - (ROUTE 102), BURRILLVILLE, RHODE ISLAND", BY CROSSMAN ENGINEERING, INC., JUNE 2003.
- PLANS ENTITLED "SUBDIVISION OF LAND, ASSESSOR'S MAP 212, LOT 1, AND ASSESSOR'S MAP 213, LOTS 8 AND 10, SITUATED ON BRONCO HIGHWAY - ROUTE 102, BURRILLVILLE, RHODE ISLAND, SCALE: 1"=200', DATE: MARCH 2005, OWNER/APPLICANT: TOWN OF BURRILLVILLE, A.P. 12, LOT 1, 105 HARRISVILLE MAIN STREET, HARRISVILLE, RHODE ISLAND 02830", PREPARED BY: CROSSMAN ENGINEERING, INC.

FLOOD ZONE NOTE

THE SITE IS LOCATED IN ZONE 'X', AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE FLOOD INSURANCE MAP FOR PROVIDENCE COUNTY, RHODE ISLAND (ALL JURISDICTIONS), PANEL 135 OF 451, MAP NUMBER 44007C0135G, EFFECTIVE DATE: MARCH 2, 2009.

ENVIRONMENTAL NOTES

THE FOLLOWING INFORMATION HAS BEEN TAKEN FROM THE R.I.D.E.M. ENVIRONMENTAL RESOURCE GIS MAP:

- THE SITE IS LOCATED WITHIN A NON-COMMUNITY WELLHEAD PROTECTION AREA (NON-COMMUNITY WATER SUPPLY 2980125)
- THE SITE IS LOCATED WITHIN THE LOWER BLACKSTONE RIVER WATERSHED
- THE SITE GROUNDWATER CLASSIFICATION IS GAA (GROUNDWATER RESOURCES KNOWN OR PRESUMED TO BE SUITABLE FOR DRINKING WITHOUT TREATMENT)
- THERE ARE NO STATE GREENSPACE PRIORITIES OR GREENWAYS LOCATED ON SITE
- THE SITE IS NOT DESIGNATED AS A NATURAL HERITAGE SITE

SOILS NOTES

SOILS IDENTIFIED ON SITE ACCORDING TO THE SOIL SURVEY OF RHODE ISLAND ARE AS FOLLOWS:
 CdB - CANTON AND CHARLTON FINE SANDY LOAMS, 3 TO 8 PERCENT SLOPES (HSG - B)
 ChB - CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS, 3 TO 15 PERCENT SLOPES (HSG - B)

BURRILLVILLE ZONING/OVERLAY DISTRICTS

THE FOLLOWING INFORMATION HAS BEEN OBTAINED FROM THE TOWN OF BURRILLVILLE DATABASE:

A.P. 195 LOT 2
 GI - GENERAL INDUSTRIAL ZONE
 ROUTE 102 DEVELOPMENT MANAGEMENT OVERLAY ZONE
 THE SITE IS WITHIN THE OAKLAND-MAPLEWOOD FIRE DISTRICT
 THE SITE IS NOT WITHIN THE VILLAGE PLANNED LAND DEVELOPMENT PROJECT OVERLAY ZONE

UTILITY NOTE

EXISTING UTILITIES WITHIN ROUTE 102 BRONCO HIGHWAY ARE LISTED BELOW:

- 8" SANITARY SEWER
- 12"-18" CULVERTS
- ELECTRIC AND TELEPHONE/COMMUNICATIONS

STORMWATER MANAGEMENT SYSTEM DESIGN INFILTRATION RATES

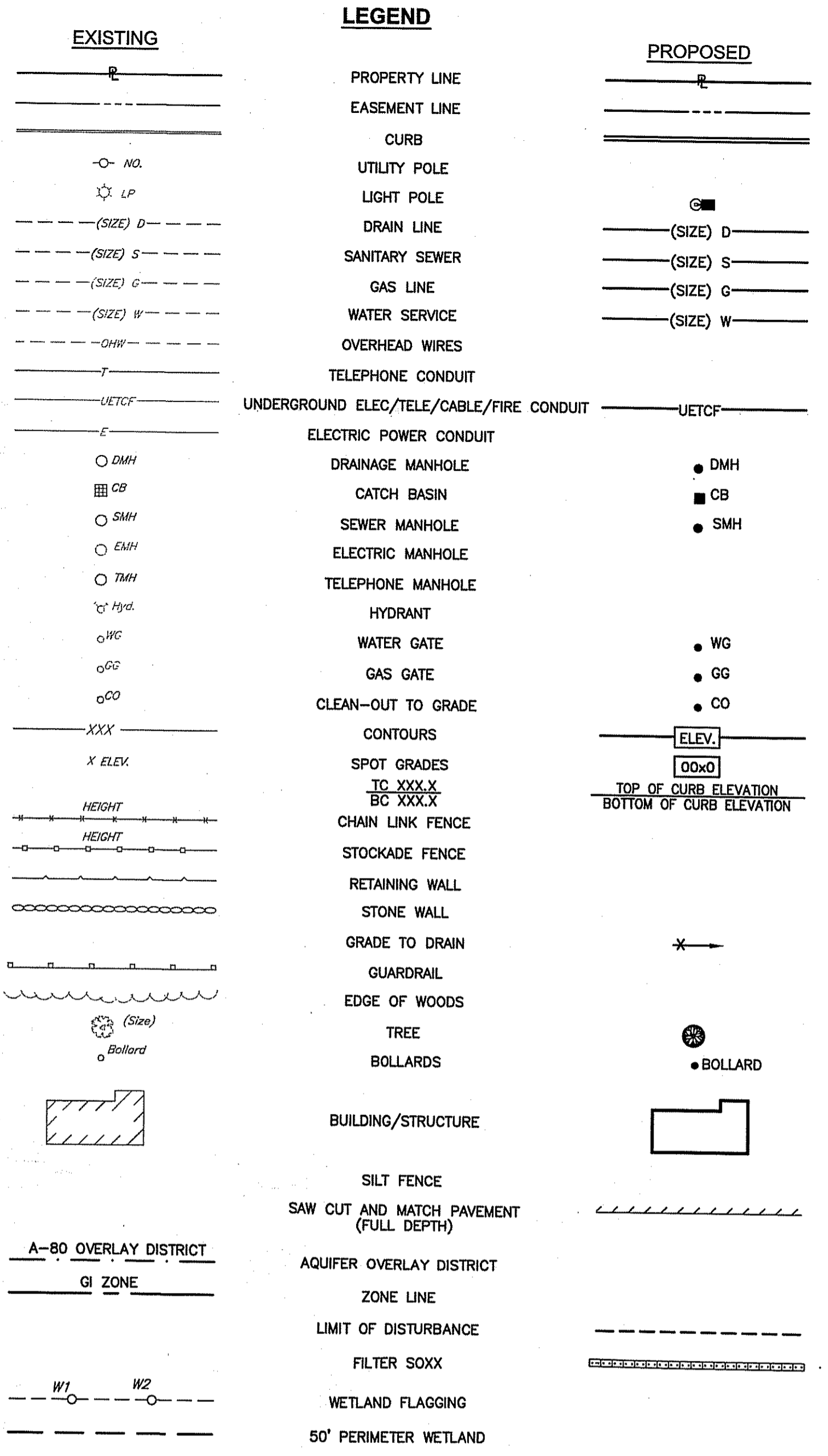
THE DESIGN INFILTRATION RATES USED FOR THE PROPOSED STORMWATER MANAGEMENT SYSTEM HAS BEEN ESTABLISHED BY USING THE SOIL EVALUATION SOIL TEXTURES FOR THE C HORIZON (LOAMY SAND) IN REFERENCE TO TABLE 5-3 IN THE RHODE ISLAND STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL, DECEMBER 2010. THE DESIGN INFILTRATION RATE IS 2.41 in/hr.

PROPOSED PAVEMENT STRUCTURE

- 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE
- 3" BITUMINOUS CONCRETE BASE COURSE
- 8" GRAVEL BORROW SUBBASE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
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 DATED JUN 20 2011 FILE # 14-0082
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Jonathan D. Wenzel



SOIL EVALUATION DATA
 SOIL EVALUATIONS WERE CONDUCTED BY CROSSMAN ENGINEERING ON MARCH 28, 2014.

TEST PIT 1	TEST PIT 2	TEST PIT 3	TEST PIT 4
0" - Dark Yellowish Brown Sandy Loam (HTM-A Very Friable)	0" - Dark Yellowish Brown Sandy Loam (HTM-A Very Friable)	0" - Dark Yellowish Brown Sandy Loam (HTM-A Very Friable)	0" - Dark Yellowish Brown Sandy Loam (HTM-A Very Friable)
3" - Olive Brown Loamy Fine Sand (HTM Very Friable)	4" - Olive Brown Sand/Loamy Sand (HTM Very Friable/Loose)	4" - Olive Brown Cobbley Loamy Very Fine Sand (HTM Very Friable)	3" - Olive Brown Loamy Fine Sand (HTM Very Friable)
34" - Olive Brown Sandy Loam (HTM Friable)	26" - Olive Brown Stony Loamy Sand/Very Fine Sand (HTM Friable/Friable)	120" - Olive Brown Loamy Very Fine Sand (C1 Friable)	46" - Olive Brown Sandy Loam (HTM Friable)
94" - Olive Brown Loamy Very Fine Sand (C Friable)	54" - Olive Grey Loamy Very Fine Sand (C1 Friable)	124" - Yellowish Brown Sandy Loam (Bw Friable)	68" - Light Olive Brown Loamy Sand (C Very Friable)
138" - (C Friable)	142" - Dark Grey Loamy Sand (C2 Very Friable)		120" - (C Very Friable)

GROUNDWATER MONITORING 4-4-14

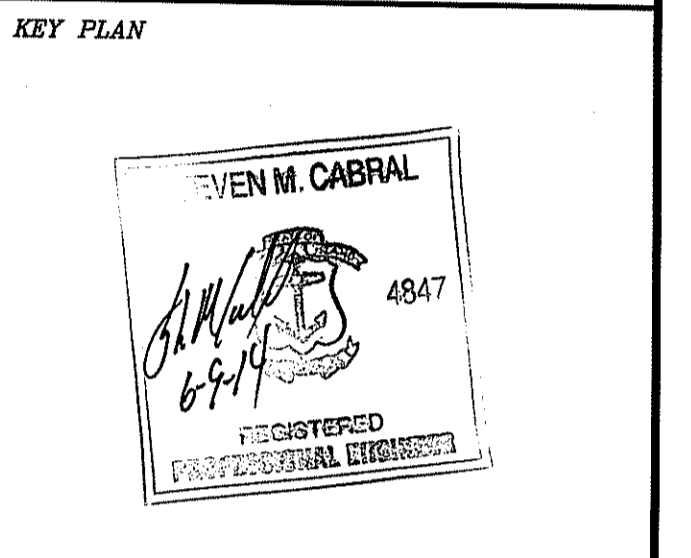
TEST PIT	DEPTH TO WATER
1	DRY @ 103"
2	91"
3	69"
4	DRY @ 98"

NOTE
 ON 4-4-14 MONITORING WAS CONDUCTED FOR PIPES INSTALLED IN TEST PITS. THE ESTIMATED SEASONAL HIGH GROUNDWATER TABLE (ESHWT) HAS BEEN ESTABLISHED BY USING THE R.I.D.E.M. ADJUSTMENT FACTOR OF 5" FOR GLACIAL TILL (4-3-14). FACTOR WAS APPLIED TO 4-4-14 MONITORING RESULTS.

CROSSMAN ENGINEERING
 151 Centerville Road | Warwick, Rhode Island 02886
 Phone: (401) 738-5660 | Fax: (401) 738-8157
 Email: ce@crossmaneng.com

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SITE PLAN SET



PROJECT TITLE:
ALASHAN CASHMERE
 PLAT MAP 195, LOT 2
 BURRILLVILLE COMMERCE PARK
 BURRILLVILLE, RHODE ISLAND
 ZONING DISTRICT:
 GI - GENERAL INDUSTRIAL
 ROUTE 102 DEVELOPMENT
 MANAGEMENT OVERLAY DISTRICT

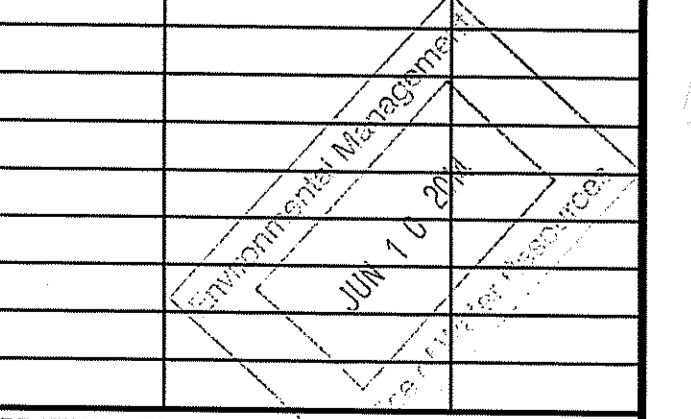
PREPARED FOR:
THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
 KEVIN P. MENARD - PRESIDENT
 c/o SCOTT A. GIBBS
 THE ECONOMIC DEVELOPMENT
 FOUNDATION OF RHODE ISLAND
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

GENERAL NOTES and LEGEND

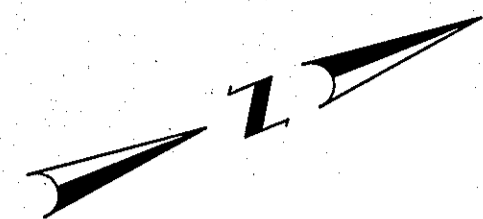
DATE: APRIL 2014 **SCALE:** NO SCALE
DWG. NAME: 1991-C01-NOTE.dwg

REVISIONS

NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14



DRAWING NUMBER
C1
 SHEET: 2 OF 18

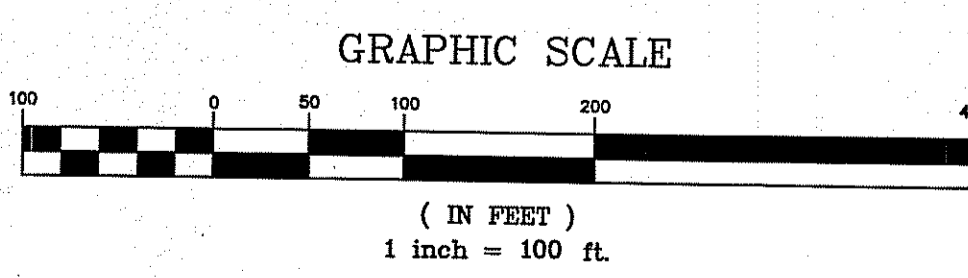


ABUTTERS WITHIN 200'

- Map 195 Lot 3
MAC Realty Trust, LLC
5 Cushing Drive
Wrentham, MA 02093
- Map 195 Lot 4
Robert E. and Dorothy E. Sandberg
P.O. Box 779
Chepachet, RI 02814
- Map 195 Lot 15
Town of Burrillville
105 Harrisville Main St
Harrisville, RI 02830
- Map 196 Lot 33
Hm and Ann M. Nhem
900 Broncos Highway
Mapleville, RI 02839
- Map 196 Lot 34
Coxcom Inc., Tax Department
31400 Lake Hearn Drive
Atlanta, GA 30319
- Map 196 Lot 42
Joseph G. and Etvelina M. Miller
P.O. Box 376
Mapleville, RI 02839
- Map 196 Lot 44
Townsmen Club
66 Townsmen Way
Mapleville, RI 02839
- Map 196 Lot 46
Richard L. and Doris E. Gagnon Trustees
P.O. Box 300
Mapleville, RI 02839

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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Martin D. Wenzel



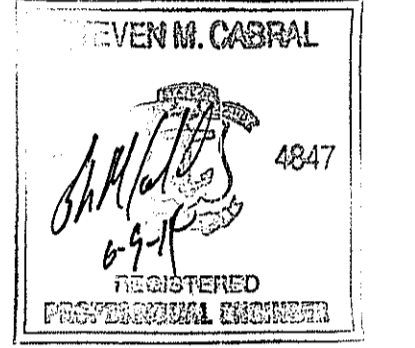
CROSSMAN ENGINEERING
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- Civil
- Transportation
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- Landscape Architecture
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SITE PLAN SET

KEY PLAN



PROJECT TITLE:
ALASHAN CASHMERE
PLAT MAP 195, LOT2
BURRILLVILLE COMMERCE PARK
BURRILLVILLE, RHODE ISLAND
ZONING DISTRICT:
GI - GENERAL INDUSTRIAL
ROUTE 102 DEVELOPMENT
MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:
THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
KEVIN P. MENARD - PRESIDENT
c/o SCOTT A. GIBBS - PRESIDENT
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
200' RADIUS MAP

DATE: APRIL 2014 SCALE: 1"=100'
DWG. NAME: 1991-C02-RADIUS.dwg

REVISIONS		
NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14

DRAWING NUMBER:
C2
SHEET: 3 OF 18



1



2



3



4



Crossman Engineering
 151 Cantanville Road | Warwick, Rhode Island 02886
 Phone: (401) 738-5660 | Fax: (401) 738-8157
 Email: cel@crossmaneng.com

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SITE PLAN
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF SET RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUN 20 2014 FILE # 14-0012
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

KEY PLAN
 Signature: *Matthew D. Wenzel*
 Signature: *Kevin M. Cabral*
 REGISTERED PROFESSIONAL ENGINEER
 4847

PROJECT TITLE:
ALASHAN CASHMERE
 PLAT MAP 195, LOT 2
 BURRILLVILLE COMMERCE PARK
 BURRILLVILLE, RHODE ISLAND
 ZONING DISTRICT:
 GI - GENERAL INDUSTRIAL
 ROUTE 102 DEVELOPMENT
 MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:
THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
 KEVIN P. MENARD - PRESIDENT
 c/o SCOTT A. GIBBS - PRESIDENT
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
AERIAL MAP

DATE: APRIL 2014 SCALE: 1"=40'
 DWG. NAME: 1991-C04-AERIAL.dwg

REVISIONS		
NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14

DRAWING NUMBER
C4
 SHEET: 5 OF 18

WETLAND NOTE

THE WETLAND DELINEATION WAS PERFORMED BY "NATURAL RESOURCE SERVICES INC". DURING MAY 2002 AND FEBRUARY 2014.

FLOOD ZONE NOTES

1. SITE IS LOCATED IN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FLOOD INSURANCE RATE MAP, PROVIDENCE COUNTY, RHODE ISLAND (ALL JURISDICTIONS), PANEL 135 OF 451, MAP NUMBER 44007C0135G, EFFECTIVE DATE MARCH 2, 2009.

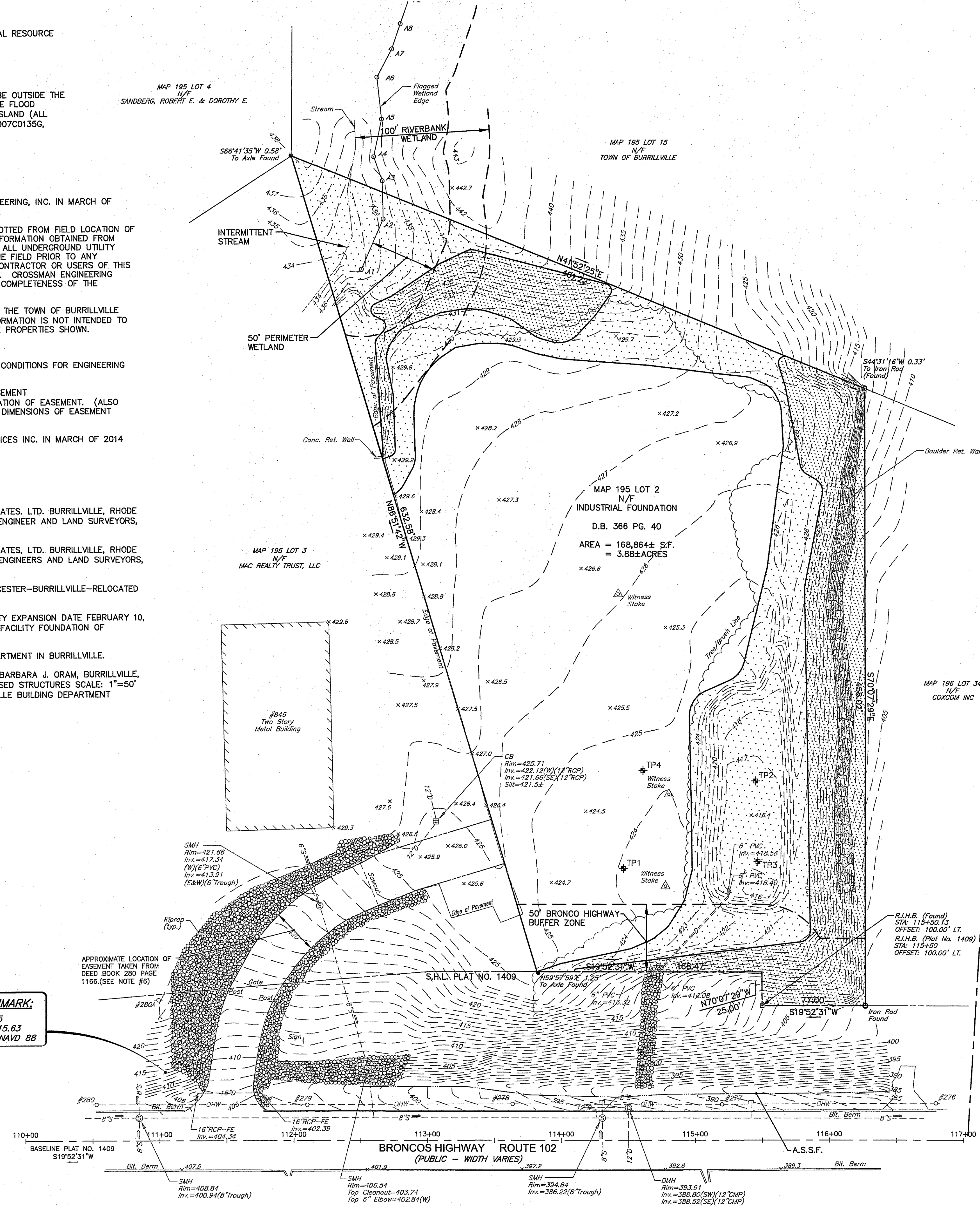
NOTES

1. FIELD SURVEY WORK PERFORMED BY CROSSMAN ENGINEERING, INC. IN MARCH OF 2014.
2. UTILITY NOTE: THE UTILITIES SHOWN HEREON ARE PLOTTED FROM FIELD LOCATION OF VISIBLE ABOVE GROUND STRUCTURES, INVERTS AND INFORMATION OBTAINED FROM VARIOUS MUNICIPAL AND PRIVATE UTILITY COMPANIES. ALL UNDERGROUND UTILITY INFORMATION SHOWN HEREON MUST BE VERIFIED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ON THIS SITE. THE CONTRACTOR OR USER OF THIS PLAN SHOULD CONTACT DIGSAFE PRIOR TO ANY WORK. CROSSMAN ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
3. OWNERS AND ABUTTERS INFORMATION OBTAINED FROM THE TOWN OF BURRILLVILLE TAX ASSESSOR'S RECORDS IN APRIL, 2014. THIS INFORMATION IS NOT INTENDED TO BE A CERTIFICATION TO OWNERSHIP OR TITLE FOR THE PROPERTIES SHOWN.
4. VERTICAL DATUM SHOWN IS NAVD 88.
5. THE PURPOSE OF THIS PLAN IS TO PROVIDE EXISTING CONDITIONS FOR ENGINEERING DESIGN BY CROSSMAN ENGINEERING.
6. SEE DEED BOOK 280 PAGE 1166 FOR GRANT OF EASEMENT AND PORTION OF PLAN SHOWING APPROXIMATE LOCATION OF EASEMENT. (ALSO SEE PLAN REFERENCE #6, HOWEVER NO LOCATION OR DIMENSIONS OF EASEMENT FOUND ON SAID PLAN)
7. WETLANDS DELINEATED BY NATURAL RESOURCE SERVICES INC. IN MARCH OF 2014 AND FIELD LOCATED BY CROSSMAN ENGINEERING.

PLAN REFERENCES

1. "DIVISION OF LAND OWNED BY ROYAL ESTATES ASSOCIATES, LTD. BURRILLVILLE, RHODE ISLAND, MAY 1989, SCALE 1"=80 FEET BY NATIONAL ENGINEER AND LAND SURVEYORS, INC."
2. "DIVISION OF LAND OWNED BY ROYAL ESTATES ASSOCIATES, LTD. BURRILLVILLE, RHODE ISLAND APRIL 1990 SCALE 1"=60 FEET BY NATIONAL ENGINEERS AND LAND SURVEYORS, INC."
3. "STATE OF RHODE ISLAND HIGHWAY PLAT #1409, GLOCESTER-BURRILLVILLE-RELOCATED ROUTE 102 FROM SUCKER BROOK TO INMAN ROAD."
4. "ADMINISTRATIVE SUBDIVISION, DANIELLE FOODS FACILITY EXPANSION DATE FEBRUARY 10, 2012 SCALE 1"=200' PREPARED FOR THE INDUSTRIAL FACILITY FOUNDATION OF BURRILLVILLE BY CROSSMAN ENGINEERING."
5. PLANS AND SKETCHES PROVIDED BY THE SEWER DEPARTMENT IN BURRILLVILLE.
6. "TOPOGRAPHIC SURVEY PREPARED FOR WILLIAM H. & BARBARA J. ORAM, BURRILLVILLE, R.I. DATED JUNE 15, 1998, REV:3-29-00 ROK PROPOSED STRUCTURES SCALE: 1"=50' BY ROBERT OLIVER JR. PLS " PROVIDED BY BURRILLVILLE BUILDING DEPARTMENT

BENCHMARK:
DISK J25
ELEV. 415.63
DATUM: NAVD 88

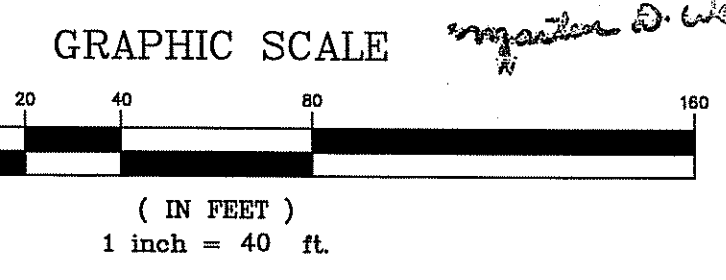


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LEGEND

- P — PROPERTY LINE
- A.P. — ASSESSORS PLAT
- N/F — NOW OR FORMERLY
- D.B., PG. — DEED BOOK, PAGE
- 400 — CONTOUR LINE
- x425.5 — SPOT GRADE
- (M) — DRAINAGE MANHOLE
- (C) — CATCH BASIN
- (S) — SEWER MANHOLE
- (U) — UTILITY POLE
- (A) — GUY ANCHOR
- [Hatched] — BUILDING FACE
- [Wavy] — TREE/BRUSH LINE
- [Dashed] — DRAIN LINE
- [Solid] — SEWER LINE
- [Dotted] — OVERHEAD WIRE
- (S) — SIGN
- (A5) — WETLAND FLAG
- [Dashed] — ZONE R-40
- [Dashed] — ZONE GI
- [Dashed] — ZONE LINE
- [Dashed] — AQUIFER OVERLAY DISTRICT
- [Dashed] — COMMUNITY WELLHEAD
- [Dashed] — NON-COMMUNITY WELLHEAD
- [Dashed] — APPROXIMATE WETLAND EDGE
- [Dashed] — PERIMETER WETLAND OR RIVERBANK WETLAND
- [Dashed] — ≥ 15% SLOPES
- [Dashed] — 5% - 10% SLOPES
- (+) — TEST PIT LOCATIONS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED JUN 20 2014 FILE # 14-0072
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.



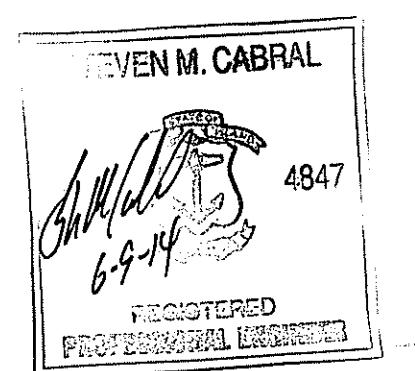
CROSSMAN ENGINEERING
151 Centerville Road | Warwick, Rhode Island 02886
Phone: (401) 738-5660 | Fax: (401) 738-8187
Email: cel@crossmaneng.com

- Civil
- Transportation
- Environmental
- Site Planning
- Landscape Architecture
- Land Surveying

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SITE PLAN SET

KEY PLAN



PROJECT TITLE:

ALASHAN CASHMERE
PLAT MAP 195, LOT 2
BURRILLVILLE COMMERCE PARK
BURRILLVILLE, RHODE ISLAND
ZONING DISTRICT:
GI - GENERAL INDUSTRIAL
ROUTE 102 DEVELOPMENT
MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:

THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
KEVIN P. MENARD - PRESIDENT
c/o SCOTT A. GIBBS
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:

EXISTING CONDITIONS PLAN

DATE:	SCALE:
APRIL 2014	1"=40'
DWG. NAME:	1991-C05-EXCN.dwg

REVISIONS

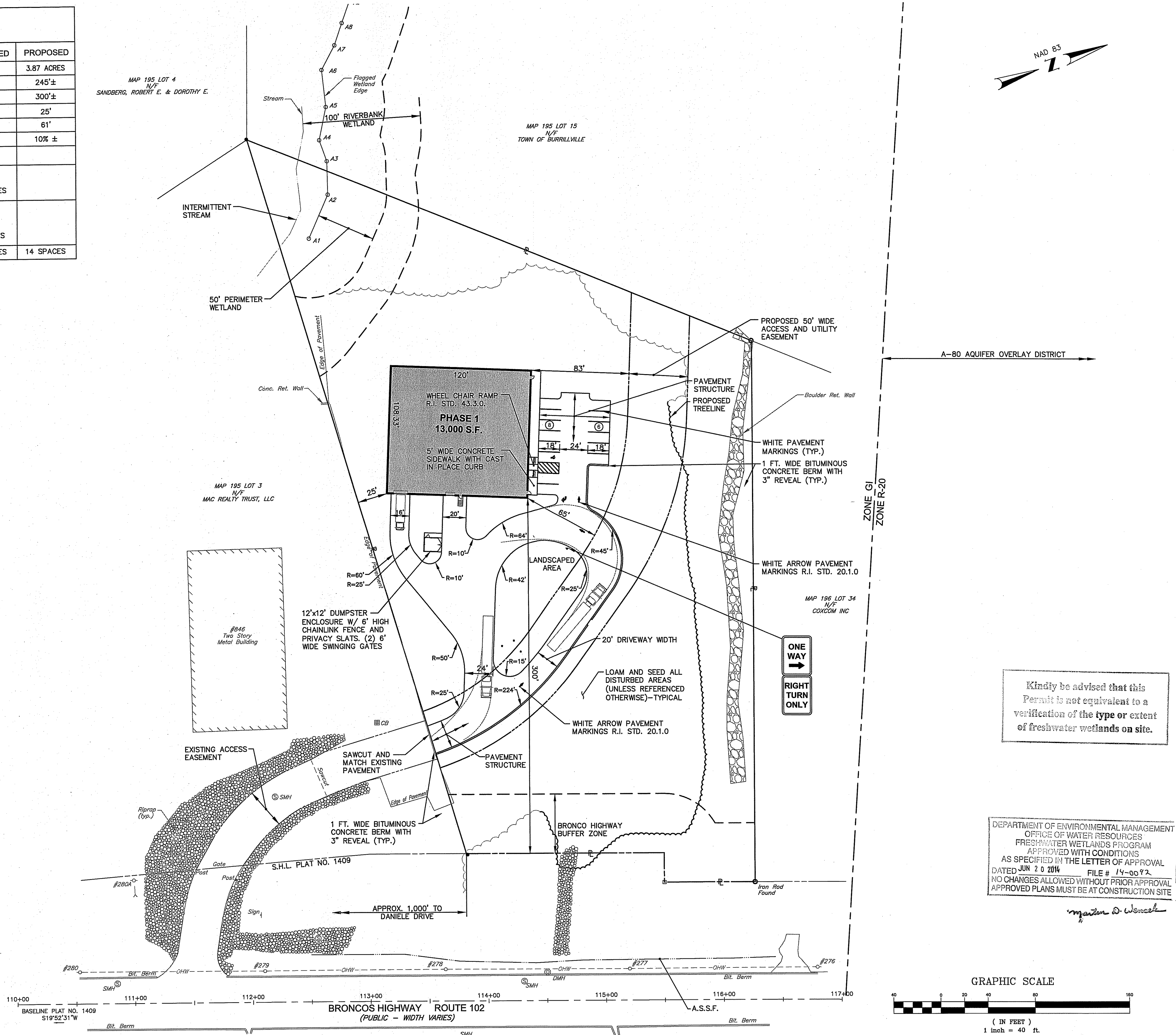
NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14

DRAWING NUMBER

C5

SHEET: 6 OF 18

ZONING DISTRICT: GI (GENERAL INDUSTRIAL DISTRICT) ROUTE 102 OVERLAY DISTRICT		
PROPOSED USE: OFFICE/INDUSTRIAL		
DIMENSIONAL REQUIREMENTS	REQUIRED	PROPOSED
LOT SIZE:	NONE	3.87 ACRES
MINIMUM LOT FRONTAGE:	200'	245'±
FRONT YARD SETBACK:	40'	300'±
SIDE YARD SETBACK:	15'	25'
REAR YARD SETBACK:	40'	61'
MAXIMUM BUILDING COVERAGE:	25%	10% ±
PRELIMINARY PARKING REQUIREMENTS		
OFFICE USE: (1 SPACE PER 250 S.F.) PROPOSED OFFICE AREA = 2,970 S.F.	12 SPACES	
INDUSTRIAL AND WHOLESALE USE: (2 SPACES PER 3 EMPLOYEES.) PROPOSED INDUSTRIAL/WHOLESALE EMPLOYEES = 2	2 SPACES	
TOTAL NUMBER OF PARKING SPACES:	14 SPACES	14 SPACES



CROSSMAN ENGINEERING
 151 Cantanville Road | Warwick, Rhode Island 02886
 Phone: (401) 738-5660 | Fax: (401) 738-6157
 Email: ce@crosmaneng.com

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SITE PLAN SET

KEY PLAN

STEVEN M. CABRAL
 4847
 REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:
ALASHAN CASHMERE
 PLAT MAP 195, LOT 2
 BURRILLVILLE COMMERCE PARK
 BURRILLVILLE, RHODE ISLAND
 ZONING DISTRICT:
 GI - GENERAL INDUSTRIAL
 ROUTE 102 DEVELOPMENT
 MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:
THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
 KEVIN P. MENARD - PRESIDENT
 c/o SCOTT A. GIBBS
 THE ECONOMIC DEVELOPMENT FOUNDATION OF RHODE ISLAND
 1300 HIGHLAND CORPORATE DRIVE SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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 DATED JUN 20 2014 FILE # 14-00972
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:
SITE LAYOUT PLAN

DATE: APRIL 2014 SCALE: 1"=40'

DWG. NAME: 1991-C06-SITE.dwg

REVISIONS	NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14	
2	R.I.D.E.M. COMMENTS	06/09/14	

DRAWING NUMBER
C6

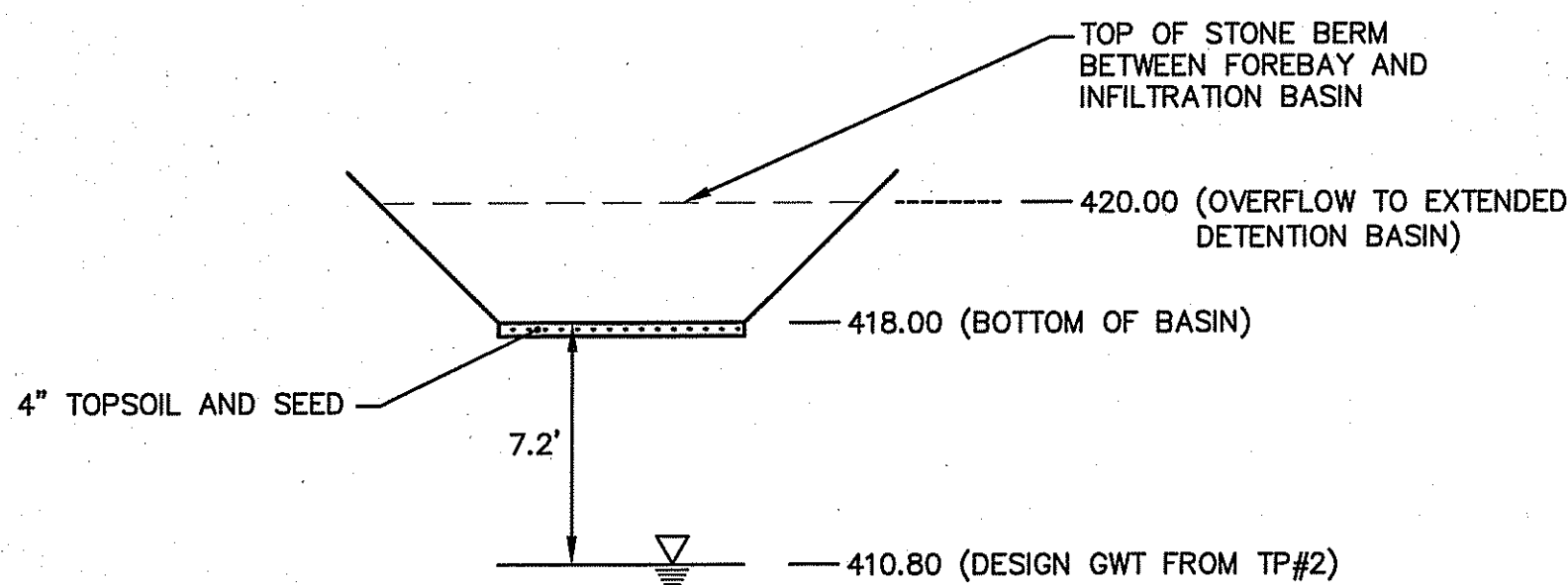
SHEET: 7 OF 18

DRAINAGE STRUCTURE TABLE

NUMBER	STRUCTURE	FRAME AND GRATE/COVER	RIM	INVERT (IN)	INVERT (OUT)
DI 1	PRECAST CONCRETE (2' DIA. SQUARE)	R.I. STD. 6.3.0	423.30	---	420.80 (18")

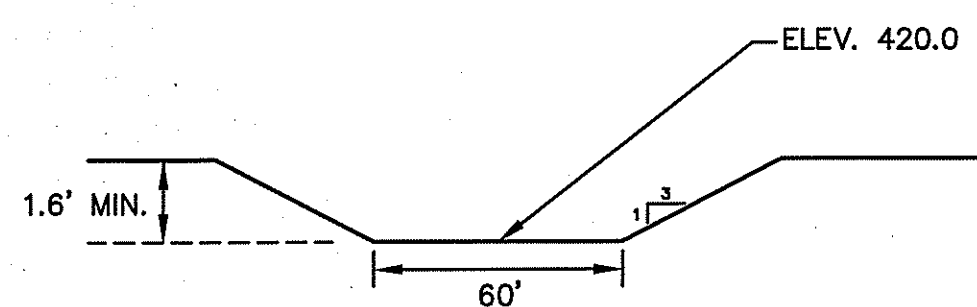
DRAINAGE NOTES

1. THE POTENTIAL FUTURE PHASE II IMPERVIOUS AREAS HAVE BEEN INCLUDED IN THE DESIGN OF THE STORMWATER MANAGEMENT SYSTEM.
2. CONTRACTOR TO INSTALL TWO (2) 45° VERTICAL BENDS ON 12" ROOF DRAIN PIPE DOWNSTREAM OF 6" SEWER CONFLICT TO MATCH 18"x12" WYE INVERT.



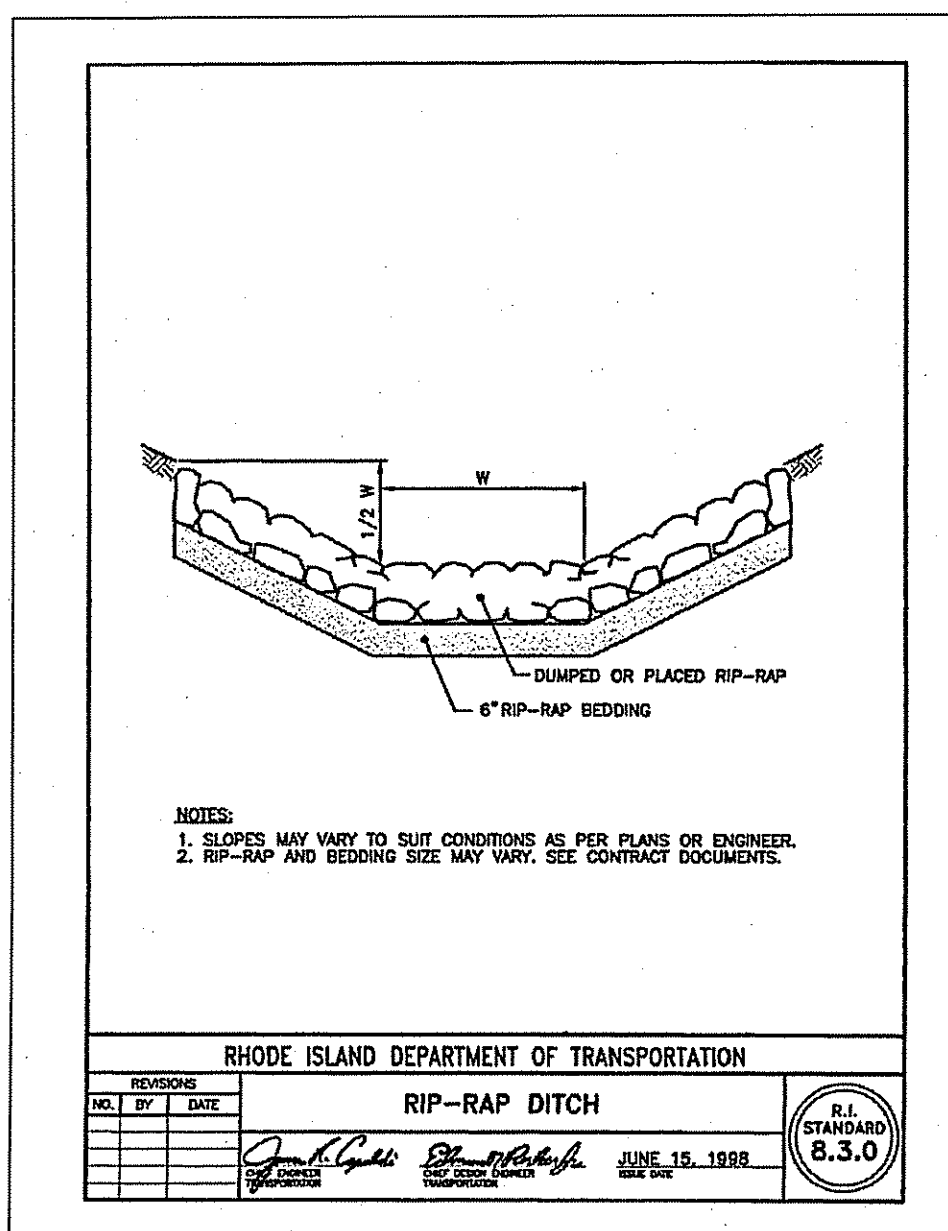
INFILTRATION BASIN CROSS SECTION A-A

NOT TO SCALE



INFILTRATION BASIN OUTLET

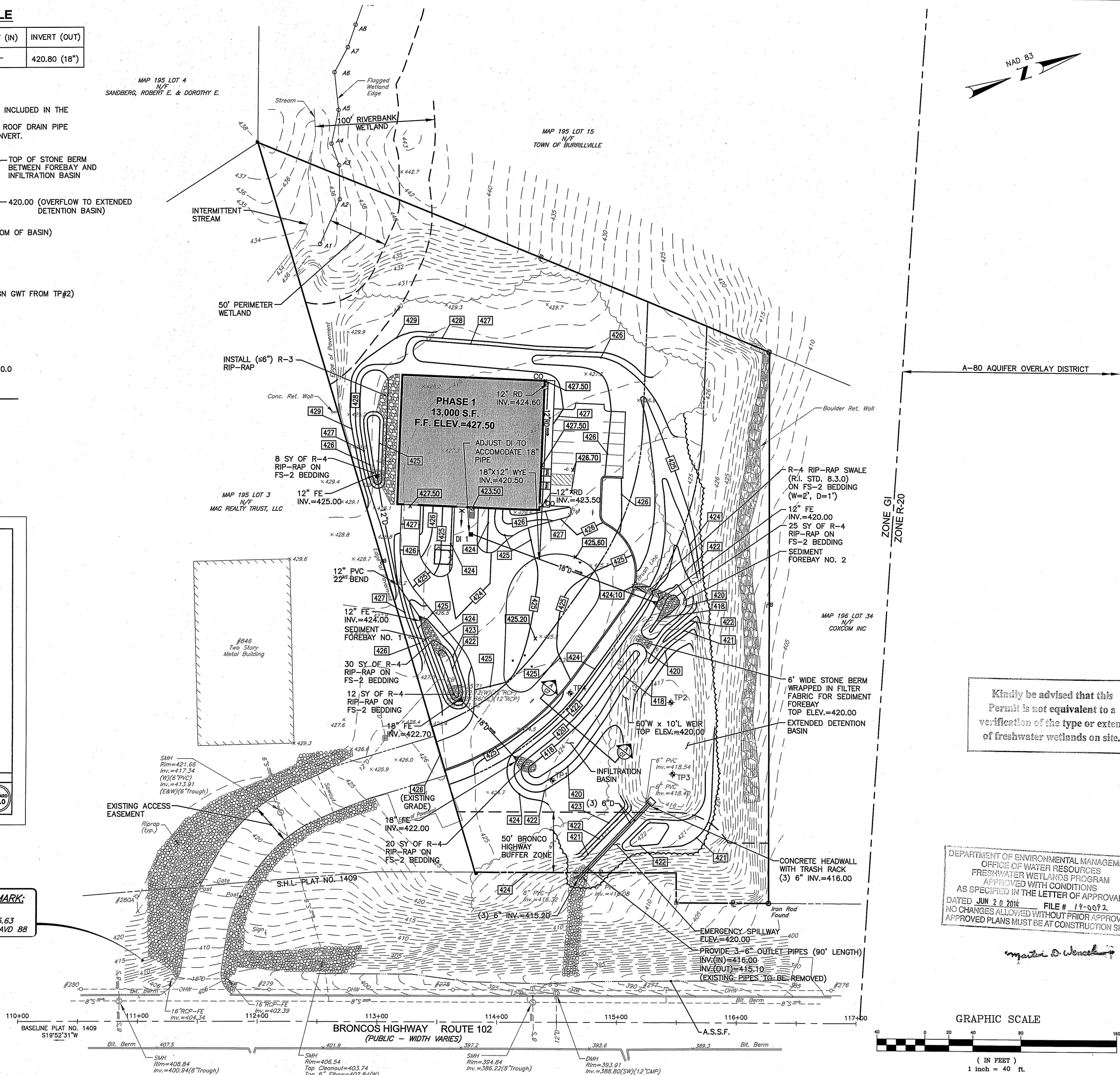
NOT TO SCALE



NOTES:
1. SLOPES MAY VARY TO SUIT CONDITIONS AS PER PLANS OR ENGINEER.
2. RIP-RAP AND BEDDING SIZE MAY VARY. SEE CONTRACT DOCUMENTS.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
REV.	DATE	DESCRIPTION
1	JUNE 15, 1998	RIP-RAP DITCH

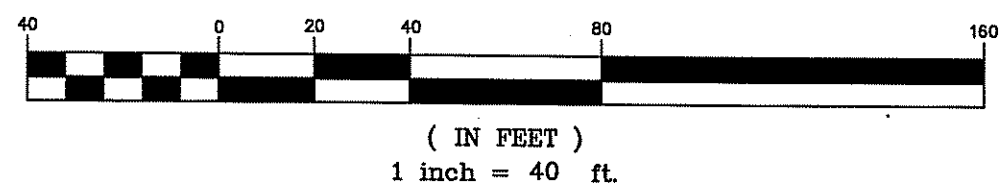
BENCHMARK:
DISK J25
ELEV. 415.63
DATUM: NAVD 88



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ZONE G1
ZONE R-20



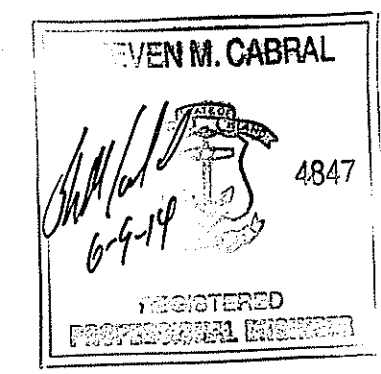
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Phone: (401) 738-5660 | Fax: (401) 738-8157
Email: cel@crossmaneng.com

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SITE PLAN SET

KEY PLAN



ALASHAN CASHMERE
PLAT MAP 195, LOT 2
Burrillville Commerce Park
Burrillville, Rhode Island
ZONING DISTRICT:
GI - GENERAL INDUSTRIAL
ROUTE 102 DEVELOPMENT
MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:
THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
KEVIN P. MENARD - PRESIDENT
c/o SCOTT A. GIBBS
THE ECONOMIC DEVELOPMENT FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
GRADING and DRAINAGE PLAN

DATE: APRIL 2014 SCALE: 1"=40'
DWG. NAME: 1991-C07-GRADE.dwg

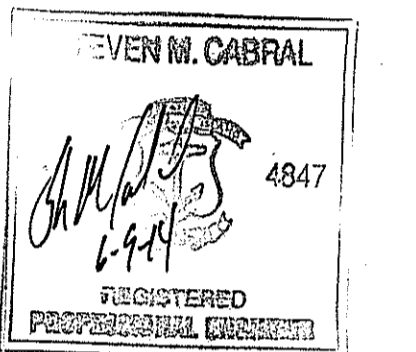
NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14

DRAWING NUMBER
C7
SHEET: 8 OF 18

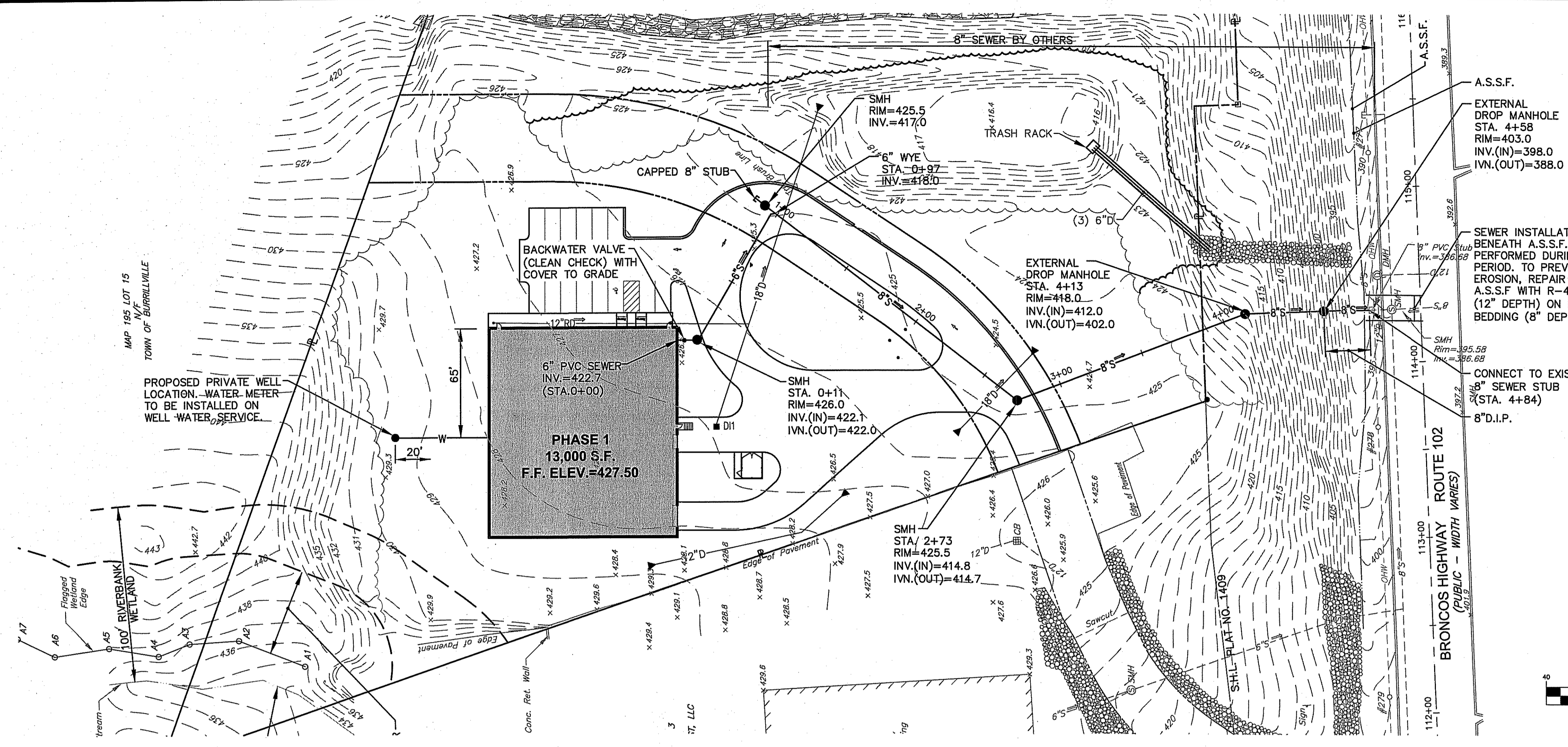
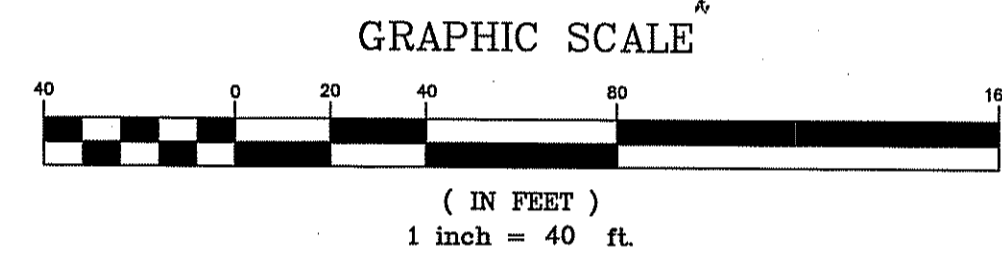
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SITE PLAN SET

KEY PLAN

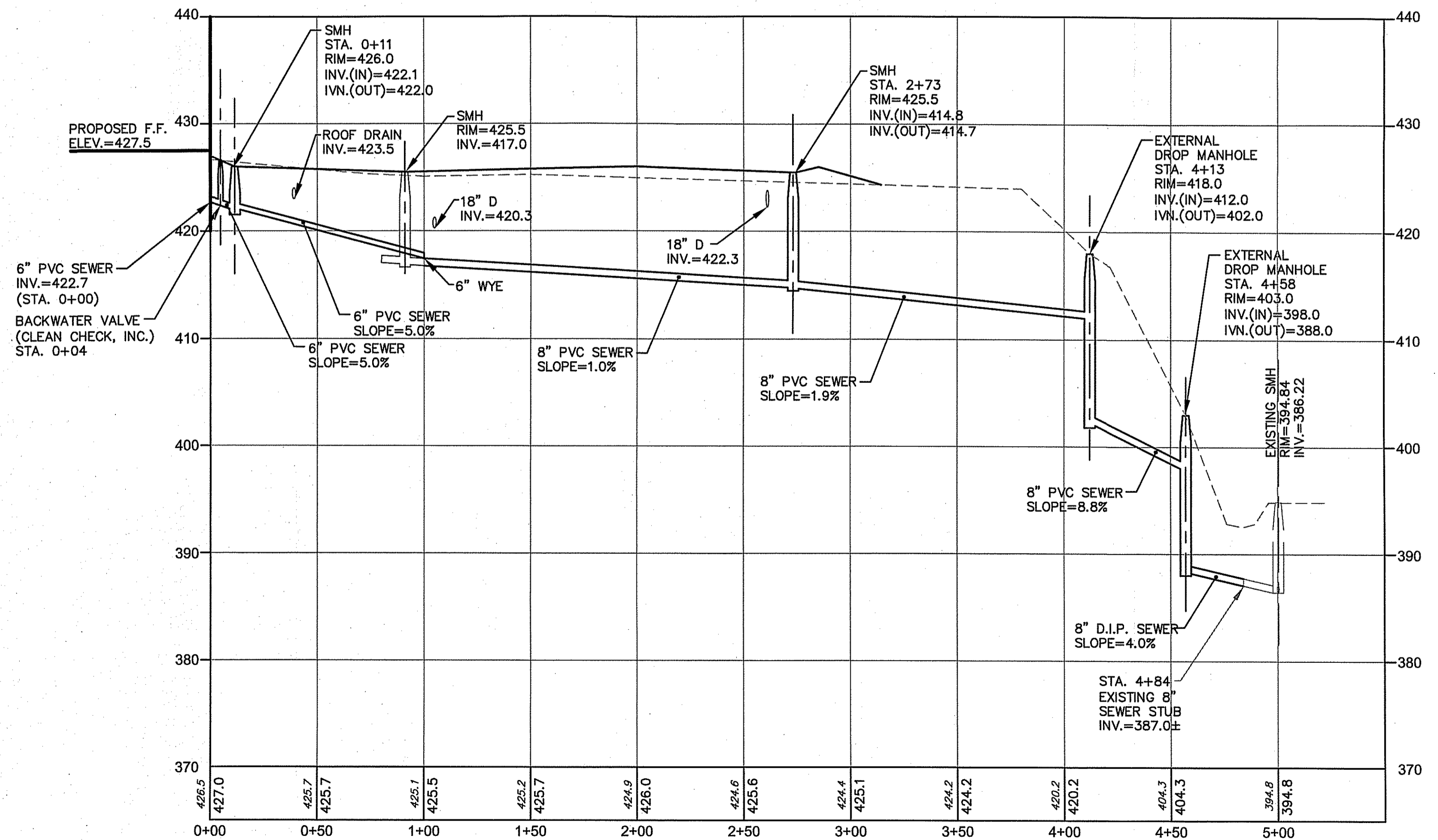


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
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Matthew D. Wozniak



UTILITY PLAN
SCALE: 1"=40'

- UTILITY NOTES**
- PRIOR TO ANY UTILITY CONSTRUCTION, THE CONTRACTOR MUST PERFORM ADDITIONAL TESTS TO:
 - CONFIRM THE EXISTING DEPTHS OF UTILITIES AT ALL PROPOSED CONNECTION POINTS AND POTENTIAL CROSSOVER (CONFLICT) POINTS.
 - CONFIRM THE EXTENT OF LEDGE WHICH MAY EXIST IN ALL ANTICIPATED UTILITY TRENCH AREAS. PRIOR TO CONSTRUCTION, THE FINDINGS ARE TO BE REVIEWED BY THE OWNER AND THE ENGINEER. IF NECESSARY, ALTERNATIVES TO MINIMIZE LEDGE REMOVAL AND UTILITY CONFLICTS WILL BE DEVELOPED. NO CONSTRUCTION WILL BE ALLOWED WITHOUT THE OWNERS AUTHORIZATION.
 - THE CONTRACTOR SHALL DIG TEST HOLES TO VERIFY THE ELEVATIONS AND CONDITION OF THE EXISTING SANITARY SEWER MANHOLE AT THE PROPOSED TIE-IN LOCATION.
 - ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATIONS WILL BE AUTHORIZED.
 - THE UTILITY PLAN DOES NOT DEPICT THE NECESSARY IRRIGATION PIPING OR ELECTRICAL CONDUIT/WIRING TO SERVICE THE PROPOSED LIGHTING AND SIGNS, WHICH WILL BE PERFORMED BY THE CONTRACTOR FOR NO ADDITIONAL COST. INSTALLATION OF ANY IRRIGATION PIPING SHALL HAVE A MINIMUM SEPARATION DISTANCE OF 10' TO ANY SEWER SYSTEM COMPONENT.
 - AS APPROPRIATE EXISTING UTILITIES/IMPROVEMENTS/STRUCTURES ARE TO BE REMOVED AND DISPOSED BY THE CONTRACTOR.
 - THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL UTILITY PIPE SIZES INCLUDING WATER AND GAS ARE VERIFIED BY THE ARCHITECT PRIOR TO ORDERING PIPE OR RELATED MATERIAL.
 - THE "UTILITY PLAN" DOES NOT REPRESENT THE SITE ELECTRIC/TELEPHONE/COMMUNICATION SYSTEM DESIGNS.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL BY ENGINEER PRIOR TO ORDERING ANY MATERIAL.



SEWER PROFILE
SCALE: HORIZ. 1"=40'
VERT. 1"=8'

PROJECT TITLE:
ALASHAN CASHMERE
 PLAT MAP 195, LOT 2
 BURRILLVILLE COMMERCE PARK
 BURRILLVILLE, RHODE ISLAND
 ZONING DISTRICT:
 GI - GENERAL INDUSTRIAL
 ROUTE 102 DEVELOPMENT
 MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:
THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
 KEVIN P. MENARD - PRESIDENT
 c/o SCOTT A. GIBBS
 THE ECONOMIC DEVELOPMENT
 FOUNDATION OF RHODE ISLAND
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
UTILITY PLAN

DATE: APRIL 2014 SCALE: AS SHOWN
 DWG. NAME: 1991-C08-UTILITY.dwg

REVISIONS

NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14

DRAWING NUMBER
C8
 SHEET: 9 OF 18

GENERAL PROJECT WIDE NOTES

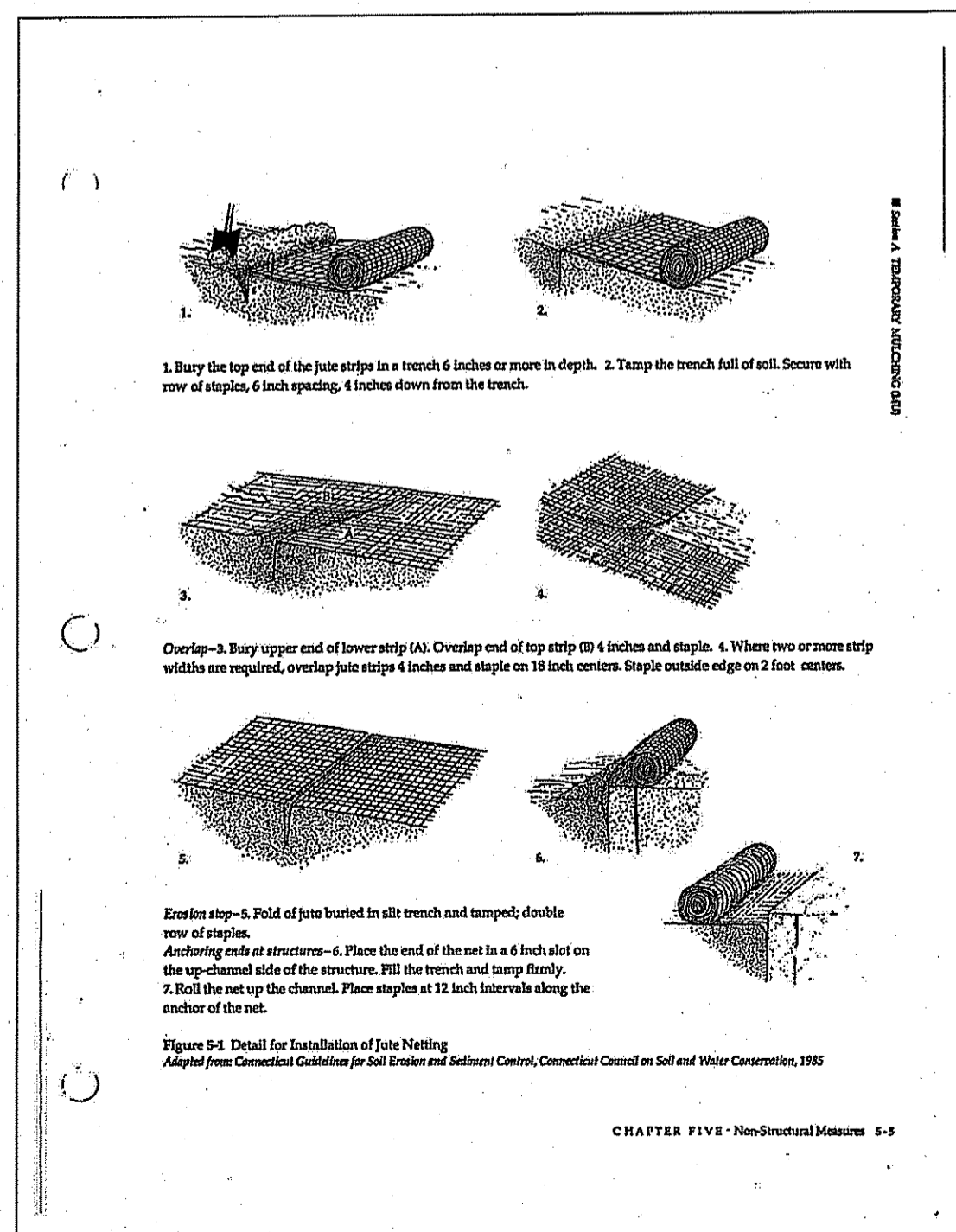
1. FILTERXX FILTER SOXX SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, MAINTAINED ON A REGULAR BASIS, AND SHALL BE PLACED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTY AND WETLANDS.
2. WHERE APPLICABLE THE CONTRACTOR MUST REPLACE AND/OR RESEED ANY VEGETATION THAT DOES NOT DEVELOP/SURVIVE WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO OR THE OWNER.
3. ALL FILTERXX FILTER SOXX OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AREA IS STABILIZED WHICH INCLUDES ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED. SLOPES OF 2:1 OR 3:1 SHALL BE STABILIZED WITH FILTERXX VEGETATED COVER, AND OTHER AREAS SHALL BE STABILIZED WITH CRUSHED STONE OR LOAM AND SEED, AS APPROVED BY THE OWNER.
4. TREES AND OTHER EXISTING VEGETATION SHALL BE RETAINED WHENEVER FEASIBLE; THE AREA BEYOND THE DRIPLINE SHALL BE FENCED OR ROPED OFF TO PROTECT TREES FROM CONSTRUCTION EQUIPMENT.
5. AREAS DAMAGED DURING CONSTRUCTION SHALL BE STABILIZED, OR OTHERWISE RESTORED AT THE CONTRACTOR'S EXPENSE.
6. UNLESS REFERENCED ON THE PLANS, STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED FILTERSOXX.
7. STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW, FIBER MATTING OR APPROVED EQUAL.
8. SILT FENCE OR STAKED HAYBALES MAY BE USED IN LIEU OF THE FILTERXX FILTER SOXX.

DUST CONTROL NOTES

- ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE TOWN OR OWNER, THE CONTRACTOR SHALL UTILIZE ONE OF THE FOLLOWING METHODS (AS RECOMMENDED BY THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK") TO CONTROL DUST:
- A. THE EXPOSED SOIL SURFACE SHOULD BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.
 - B. CALCIUM CHLORIDE SHOULD BE EITHER LOOSE DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH A SPREADER AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE.
- THE METHODS SHOULD BE REPEATED AS NEEDED, AND SPECIAL ATTENTION MUST BE GIVEN TO THE ACCESS DRIVES.

INSPECTION/MAINTENANCE NOTES

1. PRIOR TO COMMENCING CLEARING AND GRUBBING OPERATIONS, FILTERXX FILTER SOXX SHALL BE PLACED SO AS TO PREVENT SEDIMENT FROM ENTERING EXISTING ROADWAY DRAINAGE SYSTEM, WETLAND AREAS AND ADJUTING PROPERTIES.
2. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE WETLAND OR ROADWAY DRAINAGE SYSTEM.
3. ALL DISTURBED AREAS WHICH BECOME SUBJECT TO EROSION TENDENCIES WHETHER THEY BE NEWLY FILLED OR EXCAVATED SHALL RECEIVE SLOPE PROTECTION - SUCH AS RIP-RAP, OR APPROVED EQUAL.
4. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING PERIODS OF RAINFALL.
5. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT / REPLACE DAILY DURING CONSTRUCTION, FOLLOWING RAINFALL AND WEEKLY DURING NON CONSTRUCTION PERIODS.
6. ADDITIONAL FILTERXX FILTER SOXX OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER. EROSION CONTROL MAINTENANCE AND REPLACEMENT SHALL BE INCLUDED IN THE BASE BID PRICE.
7. THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, MUST BE UTILIZED BY THE CONTRACTOR AS A GUIDE.
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL DUST CONTROL AND FOR THE ENTIRE PROJECT DURATION, INCLUDING TEMPORARY SHUT-DOWN PERIODS, MUST MONITOR AND REPAIR, AS NEEDED, ALL SLOPES TO ENSURE A STABLE PRODUCT.



FILTREXX SOXX NOTE

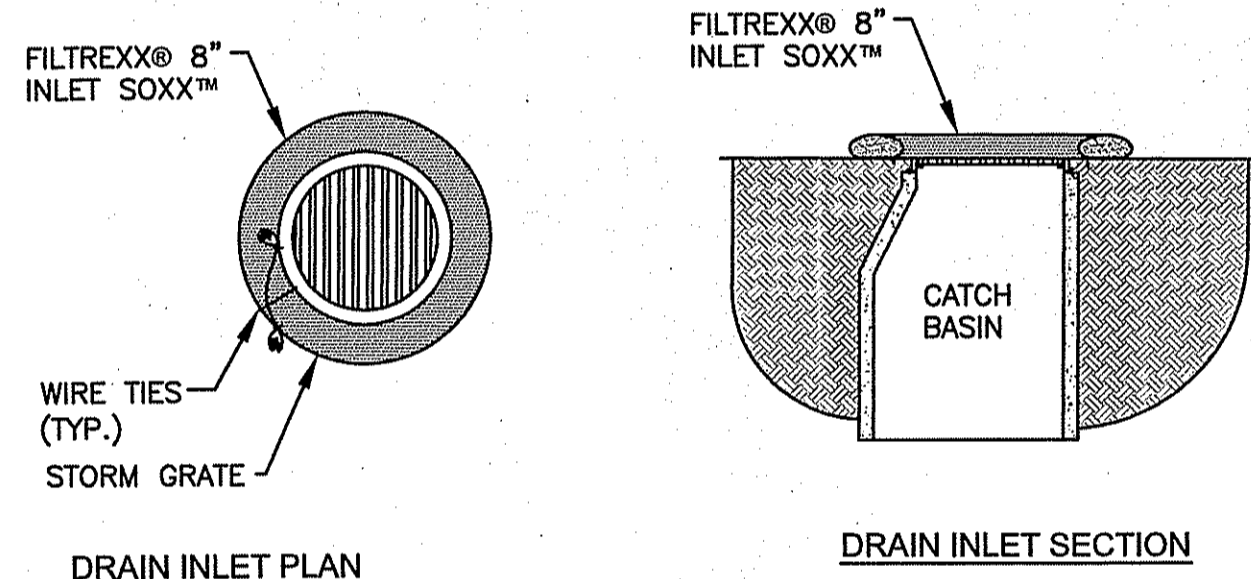
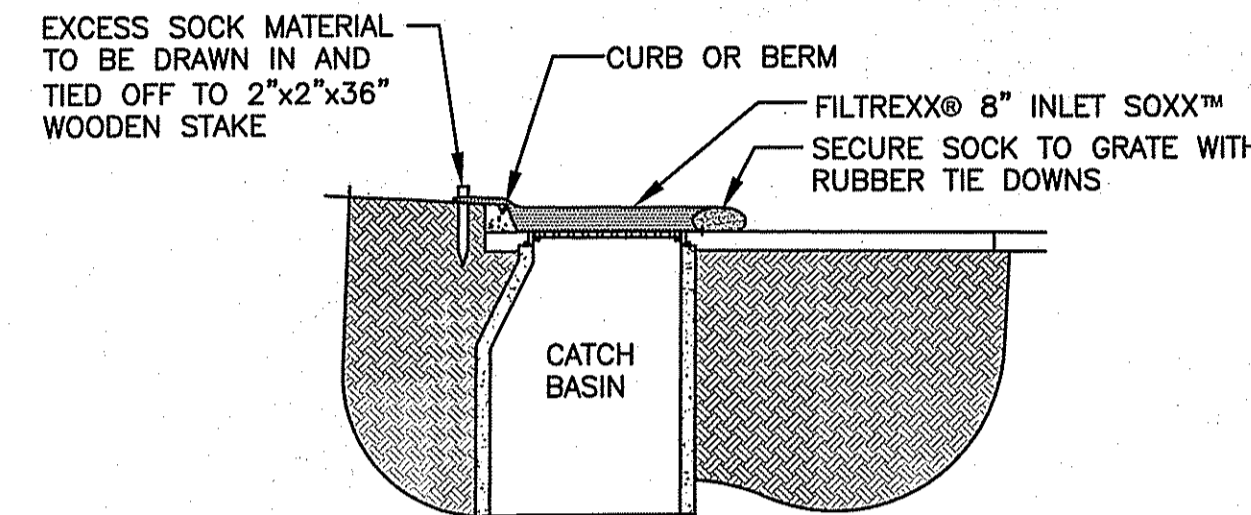
1. AN ALTERNATE EROSION CONTROL WADDLE MAY BE USED UPON ARRIVAL FROM ENGINEER
2. CONTRACTOR IS RESPONSIBLE TO BECOME FAMILIAR WITH THE FILTERXX PRODUCTS AND COORDINATE INSTALLATION SCHEDULES AND METHODS WITH THE ENGINEER PRIOR TO PLACEMENT.

GROUND COVER NOTE

GROUND COVER FOR SLOPES OF 2:1 TO 3:1 SHALL BE STABILIZED WITH FILTERXX VEGETATED COVER, AND OTHER AREAS SHALL BE STABILIZED WITH CRUSHED STONE OR LOAM AND SEED, AS APPROVED BY THE OWNER.

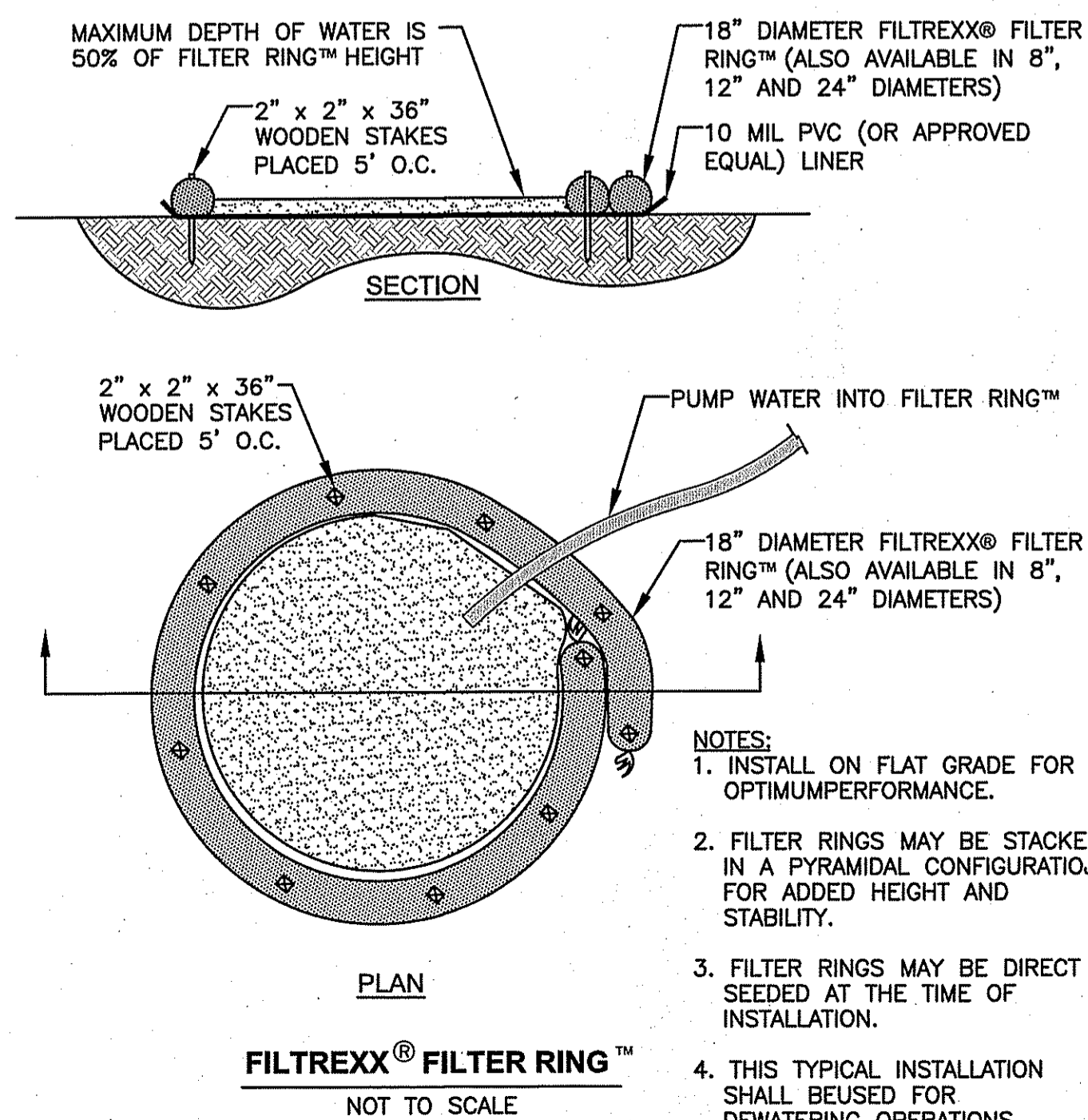
PROJECT CLOSE-OUT NOTE

ONCE CONSTRUCTION IS COMPLETE AND PERMANENT GROUND COVER ESTABLISHED, THE CONTRACTOR SHALL CLEAN AND FLUSH ALL DRAIN LINES ON SITE.



- NOTES:**
1. ALL MATERIAL TO MEET FILTERXX SPECIFICATIONS.
 2. SILT SOXX FILL TO MEET APPLICATION REQUIREMENTS.
 3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX® INLET SOXX™ DETAILS
NOT TO SCALE

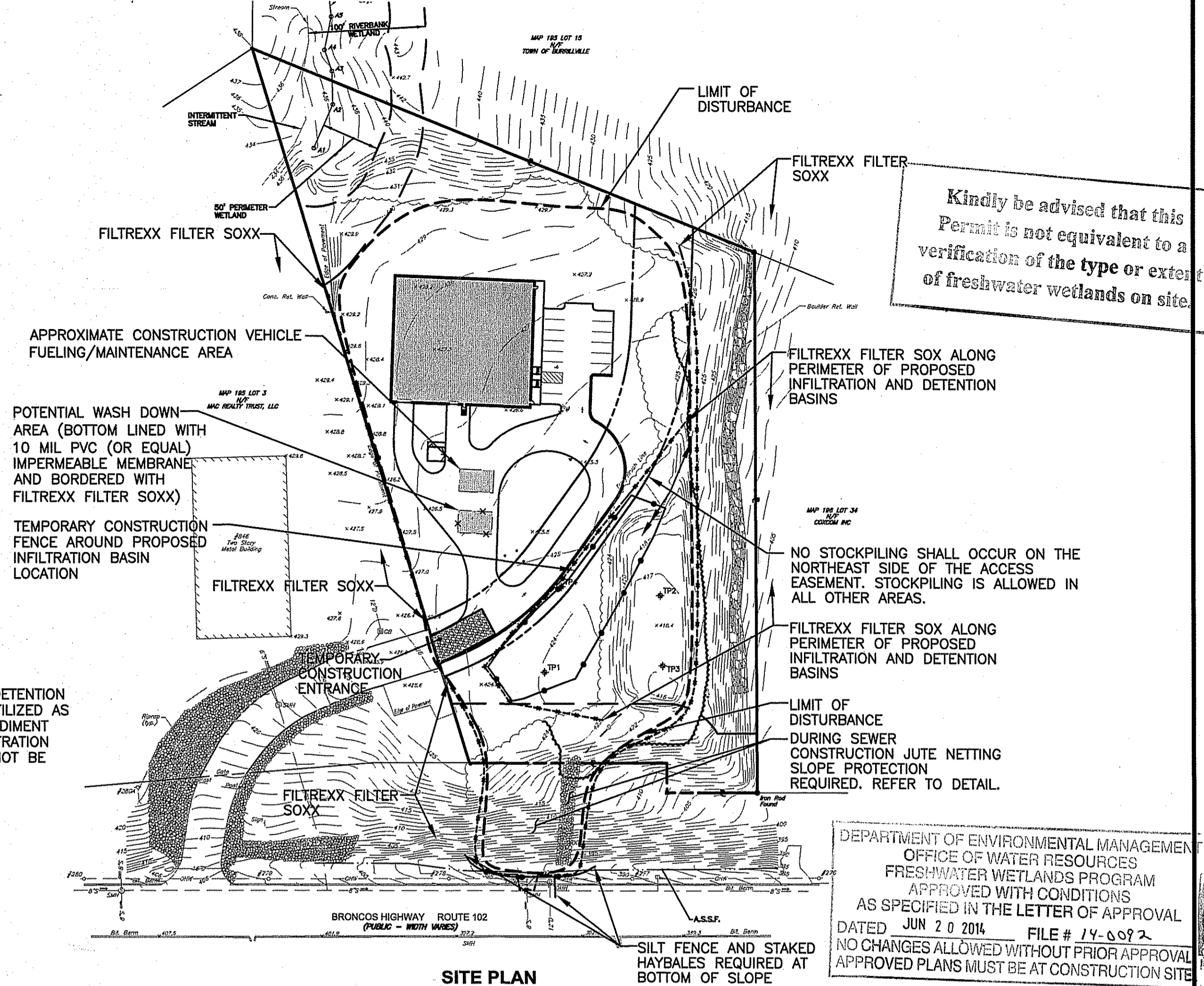
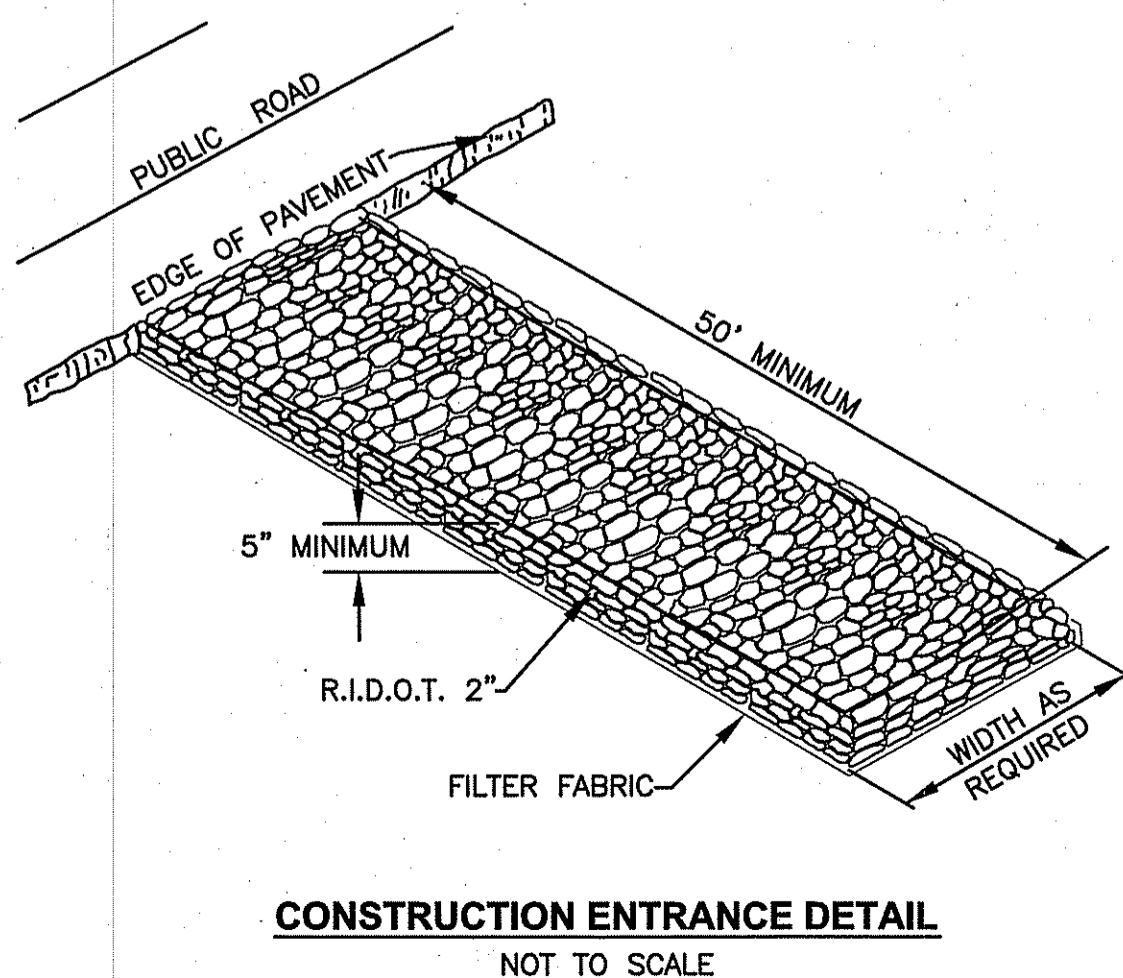


STORMWATER MANAGEMENT SYSTEM CONSTRUCTION NOTES

1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FENCE OFF PROPOSED INFILTRATION BASIN LOCATION. CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED ON AREAS INTENDED FOR INFILTRATION.
2. THE INFILTRATION BASIN SHALL NOT BE USED AS TEMPORARY SEDIMENT TRAPS FOR CONSTRUCTION ACTIVITIES.
3. CONTRACTOR SHALL USE LIGHT EARTH MOVING EQUIPMENT TO EXCAVATE INFILTRATION AREAS.
4. PRIOR TO LOAM AND SEED INSTALLATION WITHIN THE INFILTRATION BASIN, TILL THE BASIN FLOOR WITH A ROTARY TILLER TO A DEPTH OF 12 INCHES TO RESTORE INFILTRATION RATES.
5. FOLLOWING CONSTRUCTION OF THE INFILTRATION BASIN THE AREA SHALL BE ROPED OFF. STORMWATER GENERATED BY OTHER CONSTRUCTION ACTIVITIES SHALL NOT BE DIRECTED TO THE COMPLETED BASINS.
6. STORMWATER MAY BE DIRECTED TO THE INFILTRATION BASIN AFTER CONSTRUCTION IS COMPLETE AND THE BOTTOM AND SIDE SLOPES ARE STABILIZED.

STORMWATER MANAGEMENT SYSTEM - MAINTENANCE OPERATION

1. UPON PROJECT COMPLETION, THE SITE OWNER SHALL ADHERE TO THE MAINTENANCE RECOMMENDATIONS AS LISTED IN THE LONG TERM OPERATION AND MAINTENANCE PLAN.



NOTE: EXISTING DETENTION POND MAY BE UTILIZED AS A TEMPORARY SEDIMENT BASIN. THE INFILTRATION POND AREA CANNOT BE UTILIZED.

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

RECEIVING WATER NOTES

- WATERSHED NAME - CLEAR RIVER WATERSHED (SOURCE: RIDEM ENVIRONMENTAL RESOURCE MAP).
- WATERSHED CODE - 1 (SOURCE: RIGIS)
- LIMIT OF DISTURBANCE AREA = 2.87 ACRES
- PROPOSED IMPROVEMENT IMPERVIOUS AREA = 0.99 ACRES

CONSTRUCTION NOTES

THE PROPOSED VEGETATIVE AND STRUCTURAL PRACTICES TO BE IMPLEMENTED DURING CONSTRUCTION ARE DESCRIBED AND ILLUSTRATED WITHIN THE ACCOMPANYING SITE PLANS. IN ADDITION, THE OPERATOR SHOULD INITIATE APPROPRIATE STABILIZATION PRACTICES ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS. IF BUILDING CONSTRUCTION CANNOT BEGIN WITHIN TWENTY-ONE (21) DAYS OF COMPLETING SITE PREPARATION ACTIVITIES ALL DISTURBED AREAS SHALL BE STABILIZED WITH LOAM AND SEEDING.

ADDITIONAL CONTROLS

- A CRUSHED STONE CONSTRUCTION ENTRANCE WILL BE LOCATED AT THE SITE'S PRIMARY ACCESS POINT. THE ENTRANCE WILL BE APPROXIMATELY 50 FEET LONG AND 20 FEET WIDE. ALL CONSTRUCTION VEHICLES WILL BE REQUIRED TO ENTER AND EXIT VIA THIS ENTRANCE.
- ALL TYPES OF WASTE GENERATED AT THE SITE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- THE CONTRACTOR IS REQUIRED TO NOTIFY LOCAL AUTHORITIES AND THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, OFFICE OF WASTE MANAGEMENT, OF ANY HAZARDOUS MATERIAL SPILL.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN THE SITE IN AN ORDERLY AND CLEAN STATE. ALL CONSTRUCTION WASTE SHALL BE STORED IN APPROPRIATE CONTAINERS PRIOR TO REMOVAL AND CONTACT WITH PRECIPITATION SHALL BE KEPT TO A MINIMUM.
- GENERAL MAINTENANCE PROCEDURES ARE OUTLINED IN THE ACCOMPANYING SITE PLANS. IN ADDITION, THE OPERATOR AND CONTRACTOR ARE REQUIRED TO INSPECT ALL EROSION CONTROLS ON THE SITE AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER A RAIN EVENT, WHICH GENERATES 0.25 INCHES OF RAIN IN A TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF.

SEQUENCE OF CONSTRUCTION

CONSTRUCTION ACTIVITIES WILL INCLUDE EARTHWORK, LEDGE REMOVAL IF REQUIRED, BUILDING CONSTRUCTION/MODIFICATION, DRAINAGE/UTILITY INSTALLATION AND EROSION AND SEDIMENT CONTROL. INSTALLATION AND MAINTENANCE. IN GENERAL, THE SEQUENCE OF CONSTRUCTION WILL BE AS FOLLOWS:

- INSTALLATION OF EROSION CONTROLS SUCH AS SILT FENCING AND THE CONSTRUCTION ENTRANCE.
- DRAINAGE AND UTILITY REMOVAL/RELOCATION/INSTALLATION
- EARTHWORK ACTIVITIES CONSISTING OF PREPARING THE SITE FOR BUILDING CONSTRUCTION.
- BUILDING CONSTRUCTION/MODIFICATION.
- GROUND COVER TREATMENT/STABILIZATION.

CROSSMAN ENGINEERING
151 Centerville Road | Warwick, Rhode Island 02886
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SITE PLAN SET

KEY PLAN

SEVEN M. CABRAL
4847
REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:

ALASHAN CASHMERE

PLAT MAP 195, LOT 2
BURRILLVILLE COMMERCE PARK
BURRILLVILLE, RHODE ISLAND
ZONING DISTRICT:
GI - GENERAL INDUSTRIAL
ROUTE 102 DEVELOPMENT
MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:

THE INDUSTRIAL FOUNDATION OF BURRILLVILLE

KEVIN P. MENARD - PRESIDENT
c/o SCOTT A. GIBBS
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

SOIL EROSION and SEDIMENT CONTROL PLAN

DATE: APRIL 2014 SCALE: AS SHOWN
DWG. NAME: 1991-C09-SOIL.dwg

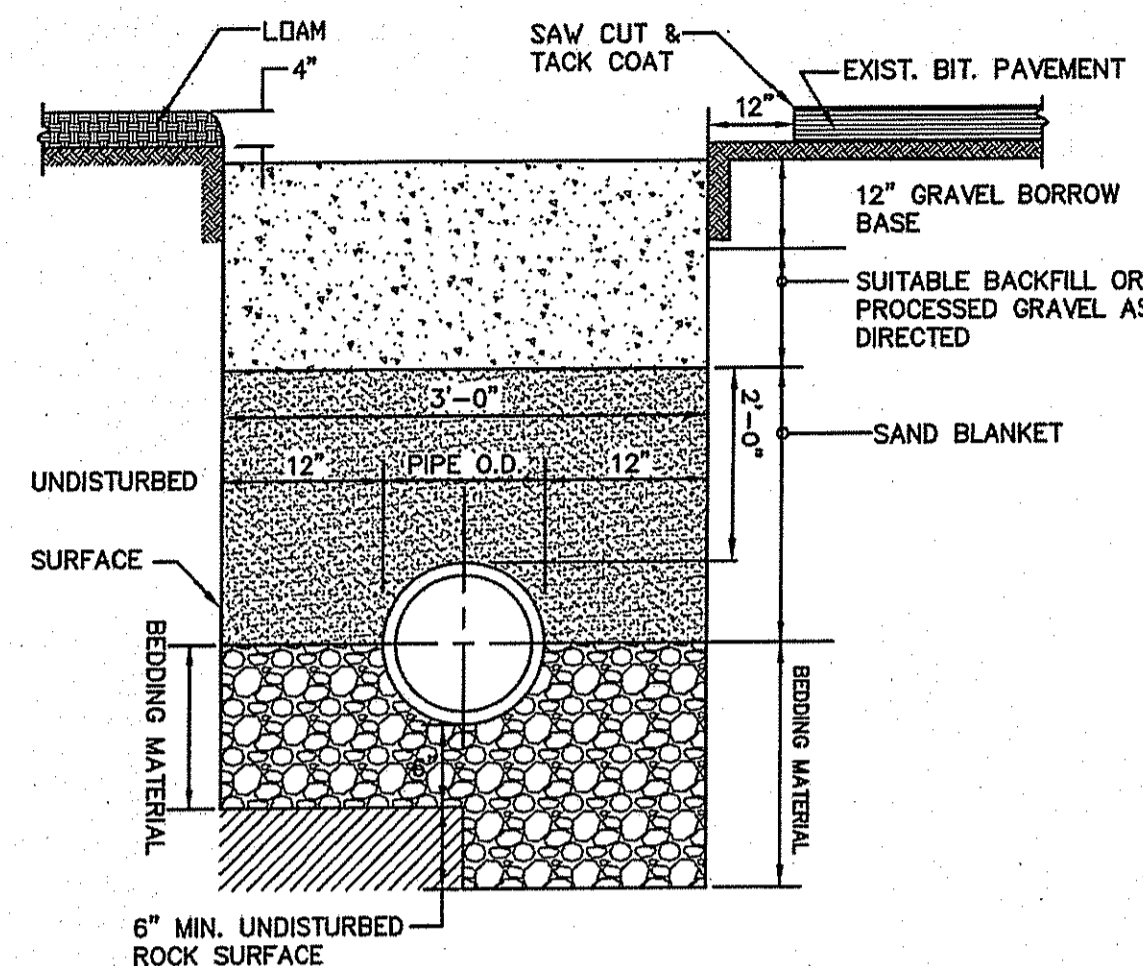
REVISIONS

NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.L.D.E.M. COMMENTS	06/09/14

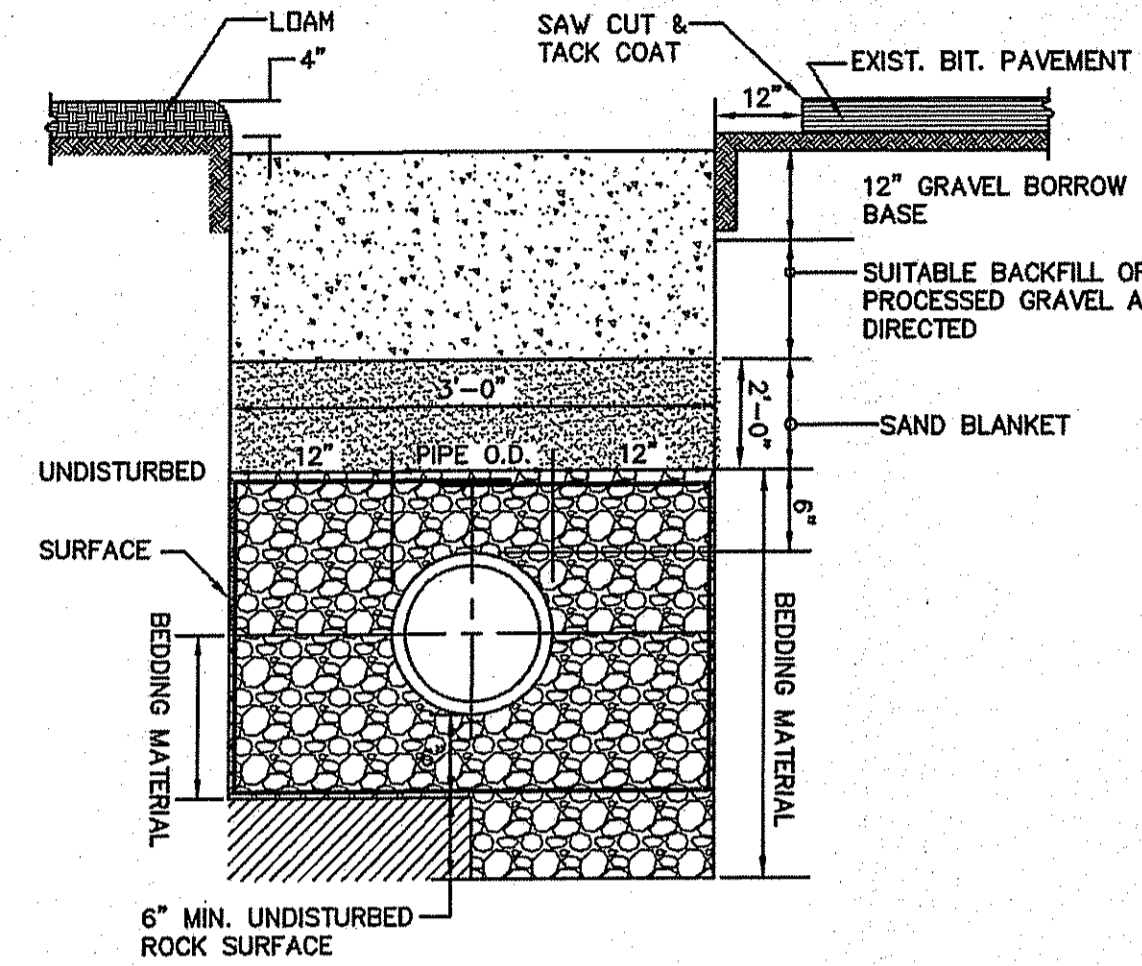
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C9

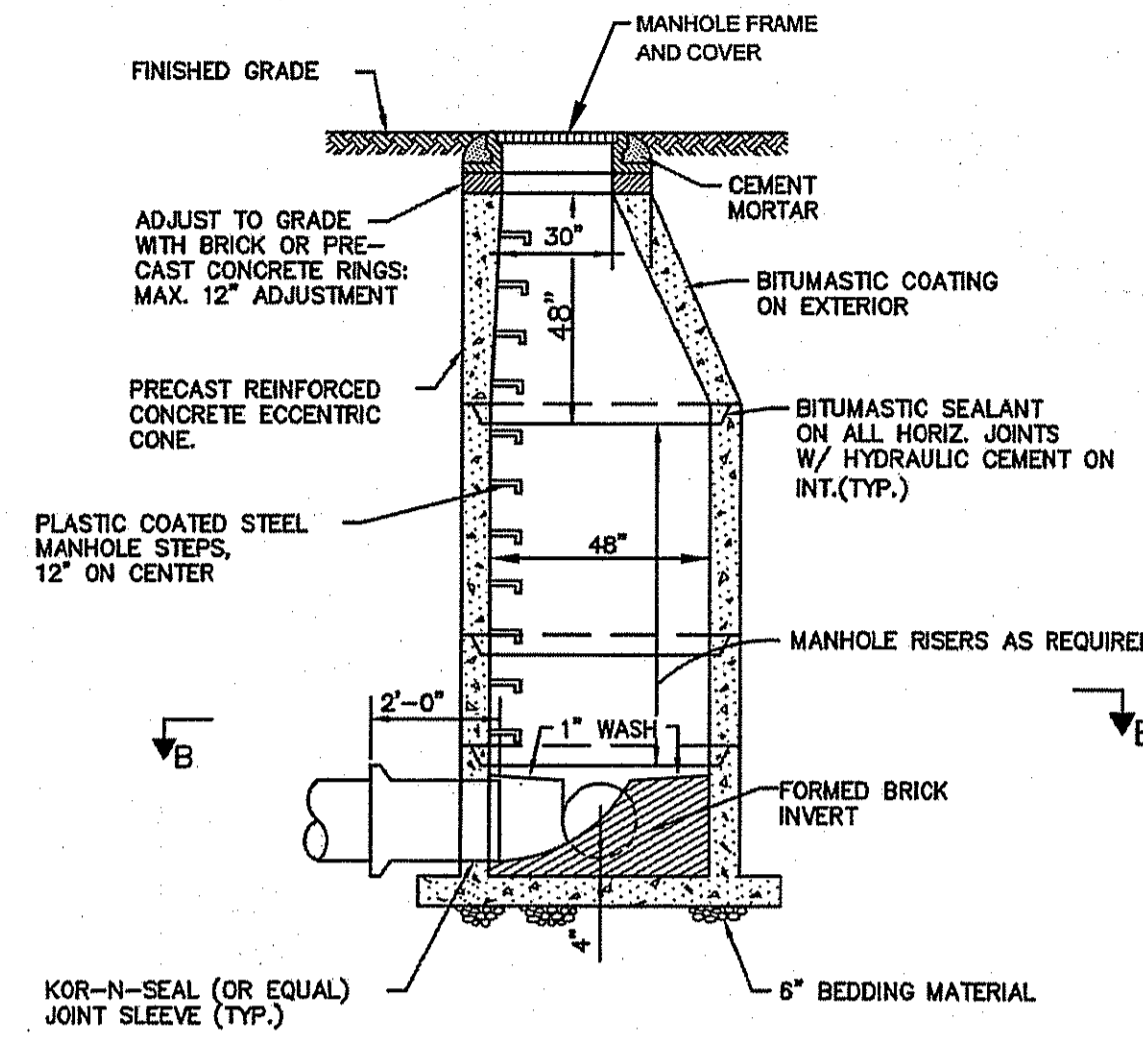
SHEET: 10 OF 18



NOTE:
 1. MINIMUM DEPTH OF COVER SHALL BE 4'-0"
 2. PAVEMENT RESTORATION SHALL CONFORM TO THE DEPARTMENT OF PUBLIC WORKS REQUIREMENTS



NOTE:
 1. MINIMUM DEPTH OF COVER SHALL BE 4'-0"
 2. PAVEMENT RESTORATION SHALL CONFORM TO THE DEPARTMENT OF PUBLIC WORKS REQUIREMENTS



NOTE: ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT.

GENERAL SEWER NOTES

- INSTALLATION OF THE SEWERAGE FACILITIES SHALL BE IN ACCORDANCE WITH THE BURRILLVILLE SEWER COMMISSION SPECIFICATIONS AND REQUIREMENTS.
- PRIOR TO RECEIVING AUTHORIZATION TO CONSTRUCT, ALL MATERIALS SHALL MEET THE STANDARDS AND RECEIVE THE WRITTEN APPROVAL, BASED ON MANUFACTURER'S DRAWINGS AND OTHER DATA, OF THE BURRILLVILLE SEWER COMMISSION.
- ALL SEWERAGE FACILITIES SHALL MEET TESTING AND CLEANING REQUIREMENTS PRIOR TO ACCEPTANCE.
- AS-BUILT DRAWINGS SHALL BE FURNISHED AS A CONDITION FOR ACCEPTANCE OF THE NEW SEWERAGE FACILITIES.
- NO FLOW WILL BE ACCEPTED UNTIL ALL ABOVE STEPS ARE COMPLETED AND COMPLETION CERTIFICATE IS ISSUED.
- AFTER THE DEVELOPER HAS "STAKED OUT" THE FACILITIES TO BE CONSTRUCTED AND HAS THE APPROVED MATERIALS ON THE JOB, THE BURRILLVILLE SEWER COMMISSION SHALL BE NOTIFIED IN ADVANCE OF CONSTRUCTION IN ORDER FOR THEM TO ARRANGE FOR THEIR INSPECTOR. THE NOTIFICATION MUST MEET THE TOWN SEWER COMMISSION REQUIREMENTS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND MATERIALS, STANDARDS AND SPECIAL DETAILS, AND STANDARD SPECIFICATIONS, ANY WORK NOT MEETING THE APPROVED STANDARDS SHALL BE IMMEDIATELY REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS AND ACTIVITIES FOR CONSTRUCTION WITHIN THE LIMITS OF WORK AS SHOWN ON THE DRAWINGS.
- ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO EXTRA COST TO THE OWNER, ALL GRASSED AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE LOAMED AND SEEDDED.
- LOCATION AND DEPTHS OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND NOTIFY THE APPROPRIATE UTILITY AUTHORITIES INCLUDING "DIG-SAFE" PRIOR TO STARTING WORK. ANY DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE COST OF REPAIRS SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- RELATION TO WATER LINES:
 - HORIZONTAL SEPARATION: WHENEVER POSSIBLE, SEWERS SHOULD BE LAID AT A MINIMUM OF 10 FEET (3.0 m), HORIZONTALLY, FROM ANY EXISTING OR PROPOSED WATER LINE. SHOULD LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET, A SEWER MAY BE LAID CLOSER THAN 10 FEET TO A WATER LINE IF:
 - IT IS LAID IN A SEPARATE TRENCH, OR IF:
 - IT IS LAID IN THE SAME TRENCH WITH THE WATER LINE LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND IF
 - IN EITHER CASE THE ELEVATION OF THE TOP (CROWN) OF THE SEWER IS AT LEAST 18 INCHES (46 cm) BELOW THE BOTTOM (INVERT) OF THE WATER LINE.
 - VERTICAL SEPARATION: WHENEVER A SEWER MUST CROSS UNDER WATER LINES, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE TOP OF THE SEWER IS AT LEAST 18 INCHES (46 cm) BELOW THE BOTTOM OF THE WATER LINE. WHEN THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE WATER LINE SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR RECONSTRUCTED WITH MECHANICAL-JOINT PIPE FOR A DISTANCE OF 10 FEET (3.0 m) ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER LINE SHOULD BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE.
 - WHEN IT IS IMPOSSIBLE TO OBTAIN HORIZONTAL AND/OR VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER LINE AND SEWER SHALL BE CONSTRUCTED OF MECHANICAL-JOINT CEMENT LINED DUCTILE IRON PIPE OR OTHER EQUIVALENT BASED ON WATER TIGHTNESS AND STRUCTURAL SOUNDNESS. BOTH PIPES SHALL BE PRESSURE TESTED BY AN APPROVED METHOD TO ASSURE WATER TIGHTNESS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEWATERING REQUIRED IN THE SEWER INSTALLATION.
- THE PROPOSED GRAVITY SANITARY SEWER PIPES SHALL BE ASTM D3034, SDR 35 UNLESS OTHERWISE SHOWN ON PLANS.
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE ELEVATION OF EXISTING SEWER LINE PRIOR TO INSTALLATION.

Town of Burrillville Board of Sewer Commissioners

Figure B-1 TRENCH DETAIL

Sewer Construction Standards
 Date: 2009 Scale: No Scale

Town of Burrillville Board of Sewer Commissioners

Figure B-2 TRENCH DETAILS WET CONDITIONS

Sewer Construction Standards
 Date: 2009 Scale: No Scale

Town of Burrillville Board of Sewer Commissioners

Figure B-3 SEWER MANHOLE DETAIL

Sewer Construction Standards
 Date: 2009 Scale: No Scale

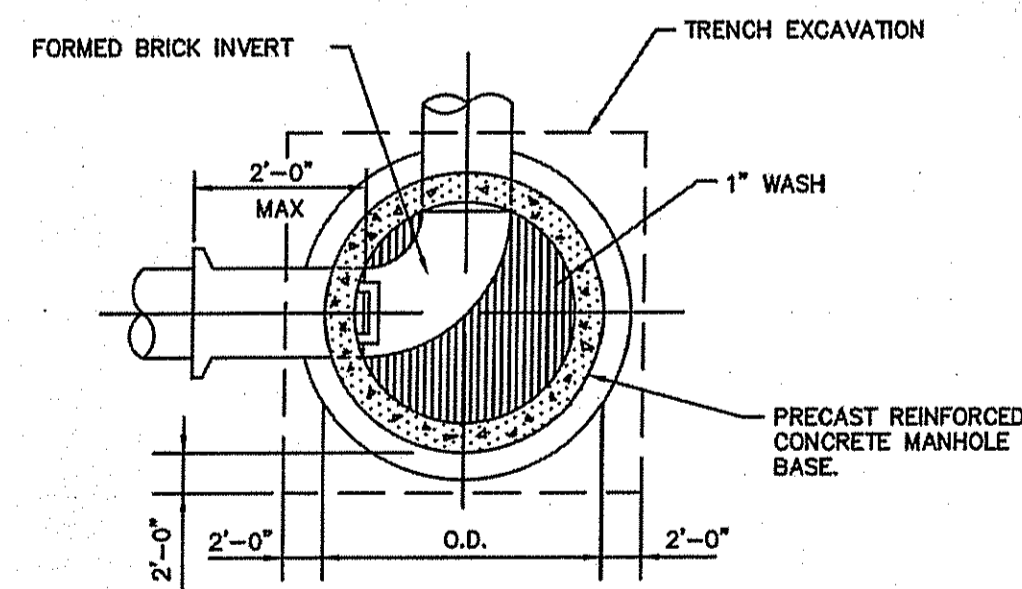
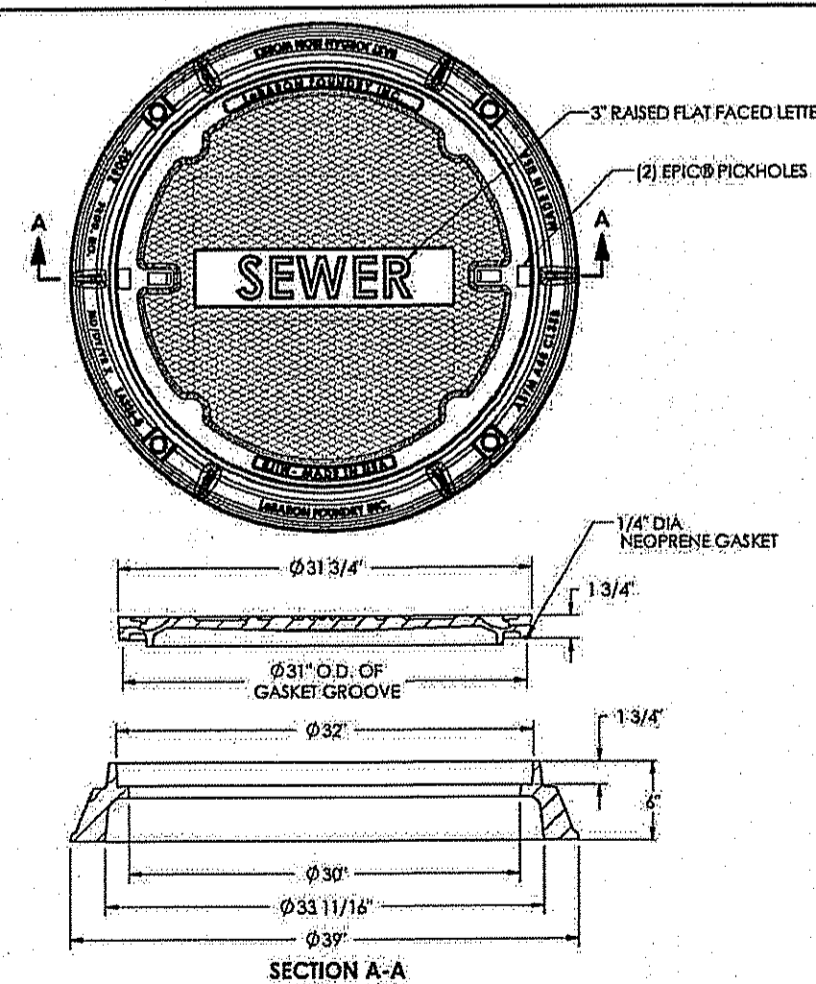


Figure B-4 PRECAST MANHOLE DETAIL

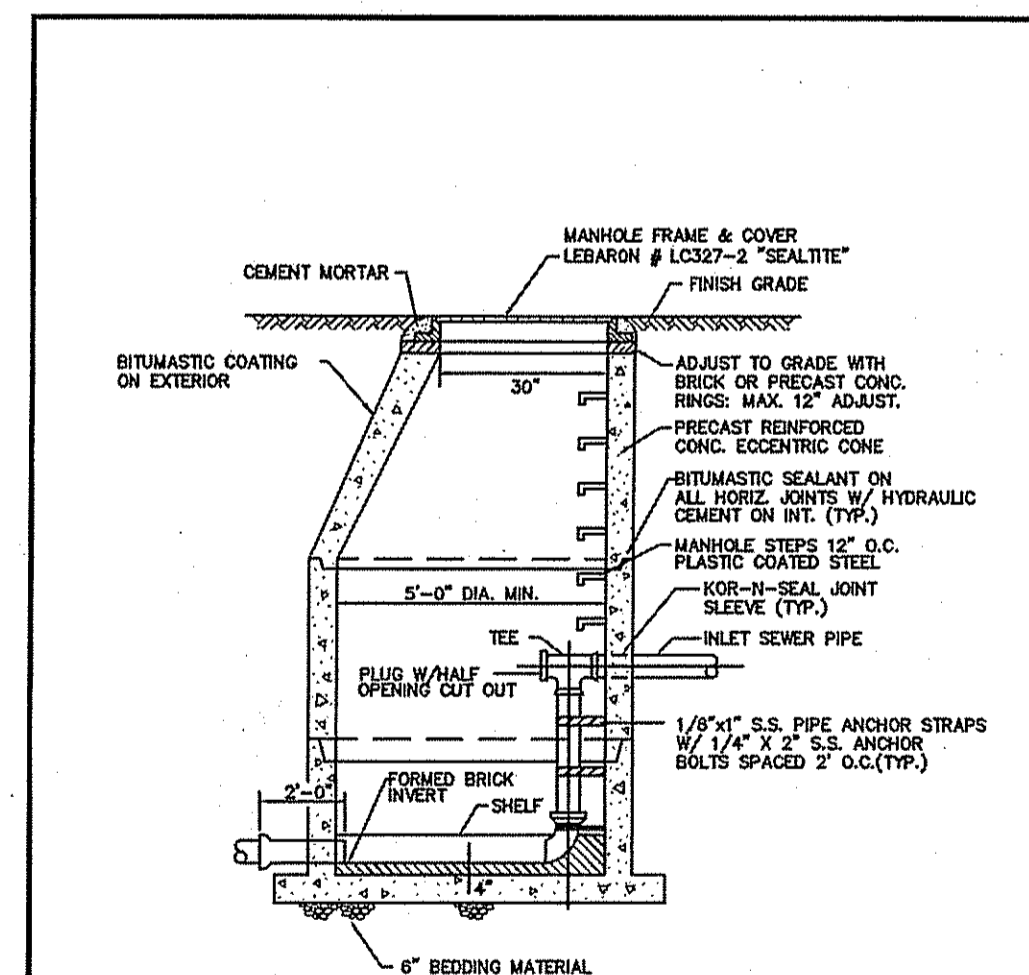
Sewer Construction Standards
 Date: 2009 Scale: No Scale

Town of Burrillville Board of Sewer Commissioners



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUN 20 2014 FILE # 14-0092
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

EJW EAST JORDAN	
900-626-4653	www.ejw.com
MADE IN USA	
PRODUCT NUMBER	00200626C01
CATALOG NUMBER	2006A1GS 2006Z
ASSEMBLY	
LOAD RATING	HEAVY DUTY
COATING	UNDIPPED
SPECIFICATION	
COVER - GRAY IRON	ASTM A48 CL358
FRAME - GRAY IRON	ASTM A48 CL358
OPEN AREA	
N/A	
J DESIGNATES MACHINED SURFACE	
DRAWN	DATE
888	04/13/09
LAST REVISED	DATE
JJ	03/05/10

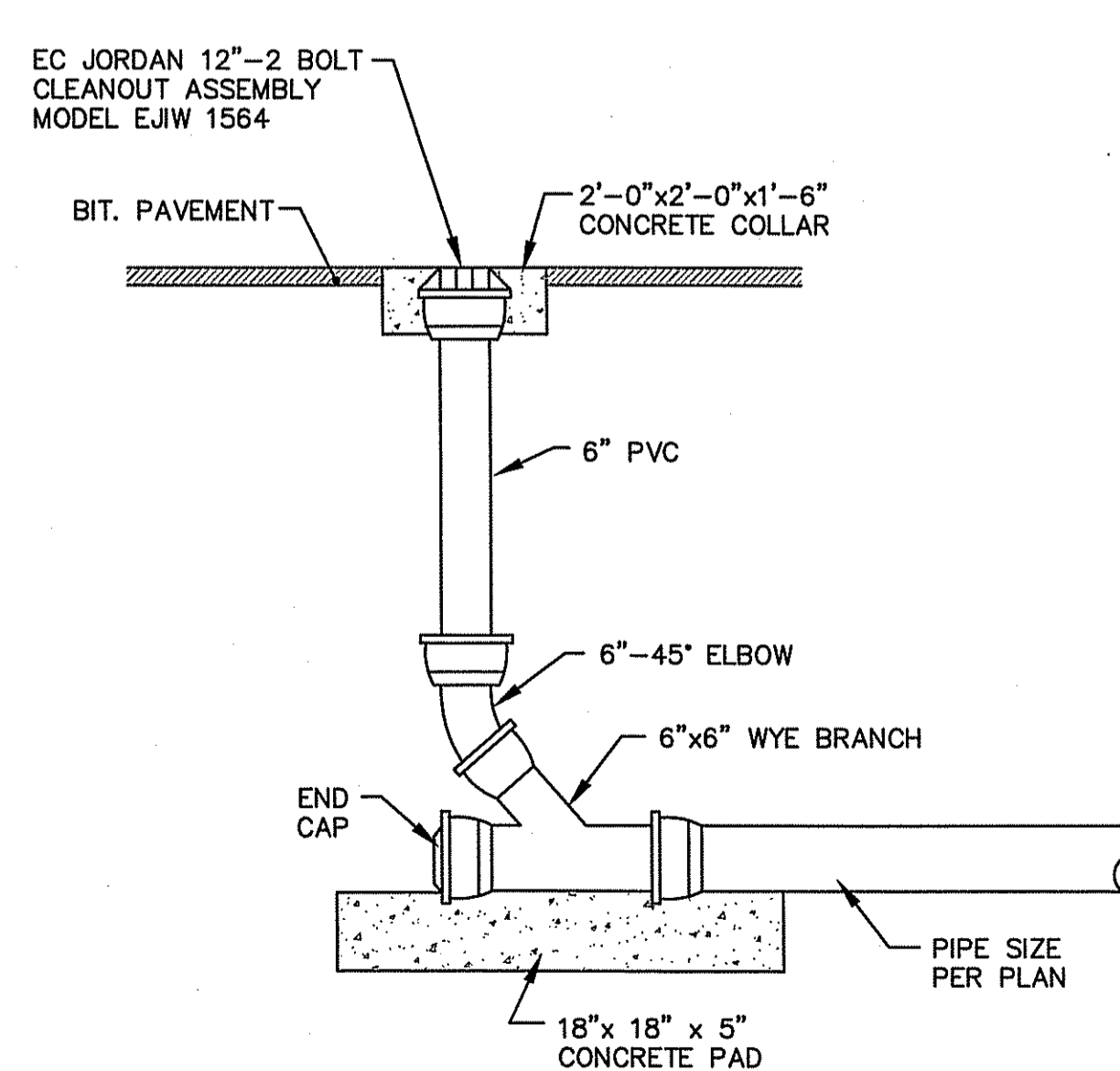


NOTE:
 1. ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT.
 2. DROP PIPE SHALL BE PVC AND SAME SIZE AS INLET SEWER.

Town of Burrillville Board of Sewer Commissioners

Figure B-7 INSIDE DROP SANITARY MANHOLE

Sewer Construction Standards
 Date: 2009 Scale: No Scale



SEWER CLEANOUT DETAIL
 NOT TO SCALE

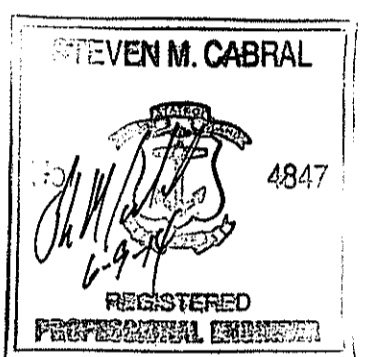
- Civil
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SITE PLAN SET

KEY PLAN



PROJECT TITLE:

ALASHAN CASHMERE
 PLAT MAP 195, LOT 2
 BURRILLVILLE COMMERCE PARK
 BURRILLVILLE, RHODE ISLAND
 ZONING DISTRICT:
 GI - GENERAL INDUSTRIAL
 ROUTE 102 DEVELOPMENT
 MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:

THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
 KEVIN P. MENARD - PRESIDENT
 c/o SCOTT A. GIBBS
 THE ECONOMIC DEVELOPMENT FOUNDATION OF RHODE ISLAND
 1300 HIGHLAND CORPORATE DRIVE SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:

**MISCELLANEOUS DETAILS
 PLAN No. 2**

DATE: APRIL 2014 SCALE: AS SHOWN

DWG. NAME: 1991-C11-DETAIL2.dwg

REVISIONS

NUMBER	REMARKS	DATE
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2	R.I.D.E.M. COMMENTS	06/09/14

DRAWING NUMBER

C11

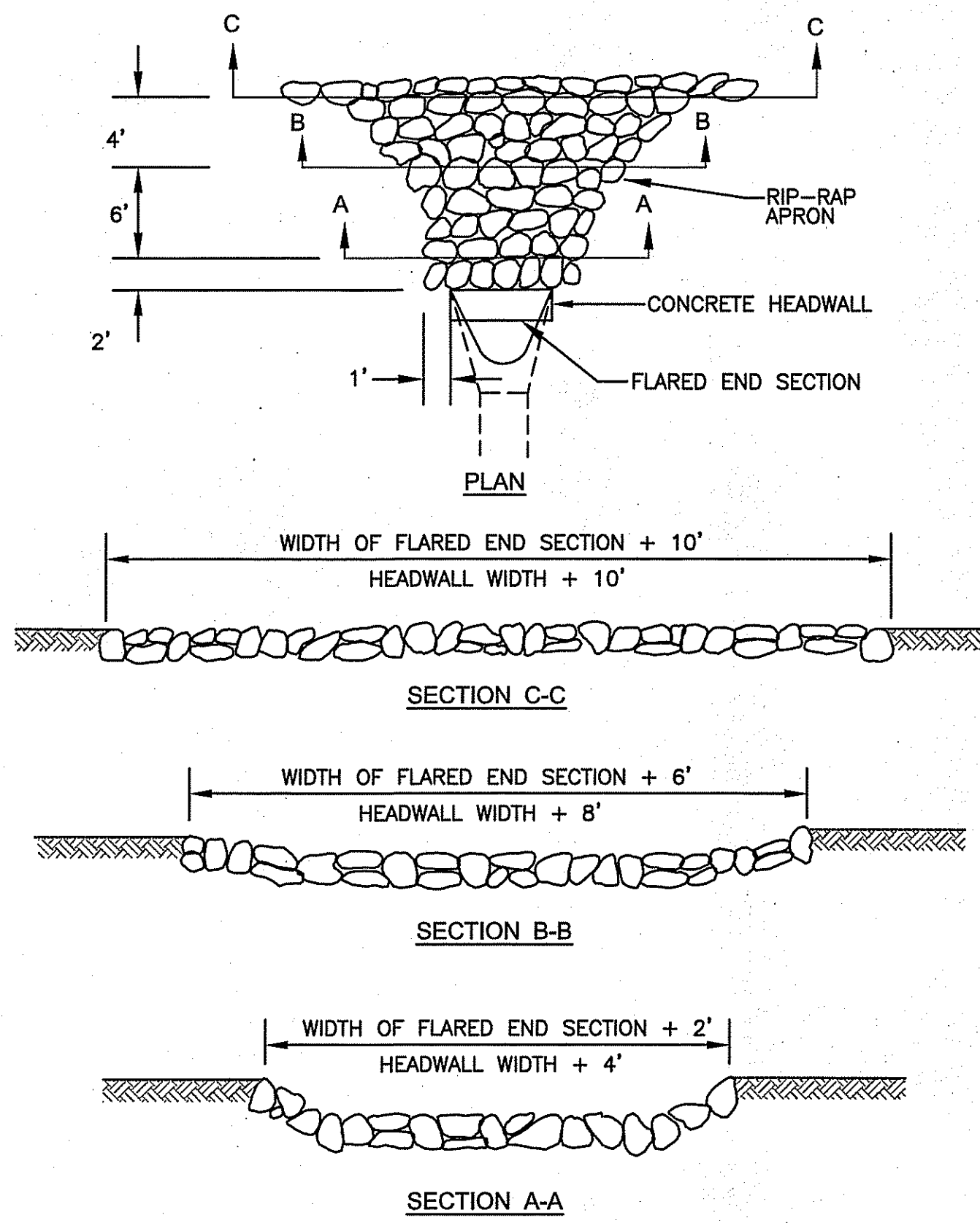
SHEET: 12 OF 18

DRAINAGE NOTES

- CONTRACTOR TO VERIFY THAT ALL STRUCTURES ARE COMPATIBLE WITH FRAME AND GRATE.
- CONTRACTOR IS RESPONSIBLE TO OBTAIN SHOP DRAWINGS AND SPECIFICATIONS FOR ALL DRAINAGE RELATED ITEMS FOR REVIEW AND APPROVAL BY THE ENGINEER, PRIOR TO ORDERING. CONCRETE MANUFACTURER SHALL REVIEW RIM TO TOP OF PIPE ELEVATIONS AND PROVIDE SPECIFIC DETAILS.
- ALL STRUCTURES SHALL BE DESIGNED FOR H-20 LOADING.
- ALL CATCH BASINS SHALL BE PRECAST CONCRETE WATER TIGHT STRUCTURES. (NO WEEP HOLES)
- UNLESS OTHERWISE NOTED, ALL SOLID DRAINAGE PIPE SHALL BE ADS N-12 HDPE OR APPROVED EQUAL. PIPE BEDDING SHALL BE IN CRUSHED STONE OR GRAVEL BORROW COMPACTED TO 95% DRY DENSITY (MODIFIED PROCTOR METHOD). ADS PIPE SHALL BE INSTALLED ACCORDING TO MANUFACTURERS' REQUIREMENTS.
- GRADES WITHIN HANDICAP ACCESSIBLE PARKING SPACES AND AISLES SHALL NOT BE LESS THAN 1% OR GREATER THAN 2%.
- THE CONTRACTOR IS REQUIRED TO INSTALL ALL ROOF DRAINAGE OF THE PROPOSED FUTURE BUILDING ADDITION TO THE EXISTING DRAINAGE SYSTEM AT THE TIME OF FUTURE ADDITION CONSTRUCTION.
- ALL ROOF DRAINS SHALL BE INSTALLED AT A 1.0% MINIMUM SLOPE.

UTILITY NOTES

- PRIOR TO ANY UTILITY CONSTRUCTION, THE CONTRACTOR MUST PERFORM ADDITIONAL TEST PITS TO:
 - CONFIRM THE EXISTING DEPTHS OF UTILITIES AT ALL PROPOSED CONNECTION POINTS AND POTENTIAL CROSSOVER (CONFLICT) POINTS.
 - CONFIRM THE EXTENT OF LEDGE WHICH MAY EXIST IN ALL ANTICIPATED UTILITY TRENCH AREAS. PRIOR TO CONSTRUCTION, THE FINDINGS ARE TO BE REVIEWED BY THE OWNER AND THE ENGINEER. IF NECESSARY, ALTERNATIVES TO MINIMIZE LEDGE REMOVAL AND UTILITY CONFLICTS WILL BE DEVELOPED. NO CONSTRUCTION WILL BE ALLOWED WITHOUT THE OWNERS AUTHORIZATION.
 - THE CONTRACTOR SHALL DIG TEST HOLES TO VERIFY THE ELEVATIONS AND PIPE MATERIAL OF THE EXISTING SANITARY SERVICE LATERAL AT THE PROPOSED TIE-IN LOCATION.
 - VERIFY LOCATION OF UTILITY SERVICES TO REMAINING BUILDING SECTION.
 - DIG TEST PITS TO LOCATE EXISTING DRAINAGE PIPES ENTERING EXISTING CATCH BASINS TO VERIFY CONDITION AND POTENTIAL TIE-IN LOCATION. CONTRACTOR SHALL COORDINATE WITH ENGINEER.
- ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATIONS WILL BE AUTHORIZED.
- THE UTILITY PLAN DOES NOT DEPICT THE NECESSARY IRRIGATION PIPING OR ELECTRICAL CONDUIT/WIRING TO SERVICE THE PROPOSED LIGHTING AND SIGNS, WHICH WILL BE PERFORMED BY THE CONTRACTOR FOR NO ADDITIONAL COST.
- AS APPROPRIATE EXISTING UTILITIES/IMPROVEMENTS/STRUCTURES ARE TO BE REMOVED AND DISPOSED BY THE CONTRACTOR.
- CONTRACTOR SHALL VERIFY EXISTING SEWER PIPE TYPE AND ELEVATIONS AND CONTACT THE BURRILLVILLE SEWER AUTHORITY FOR INSPECTION OF CONNECTION. CONNECTION SHALL BE IN ACCORDANCE WITH THE BURRILLVILLE SEWER COMMISSION GUIDELINES.
- CONTRACTOR SHALL INSTALL A METALLIC CORE DETECTION TAPE READING, "CAUTION SEWER LINE BURIED BELOW" OVER ALL NEW SEWER PIPE.

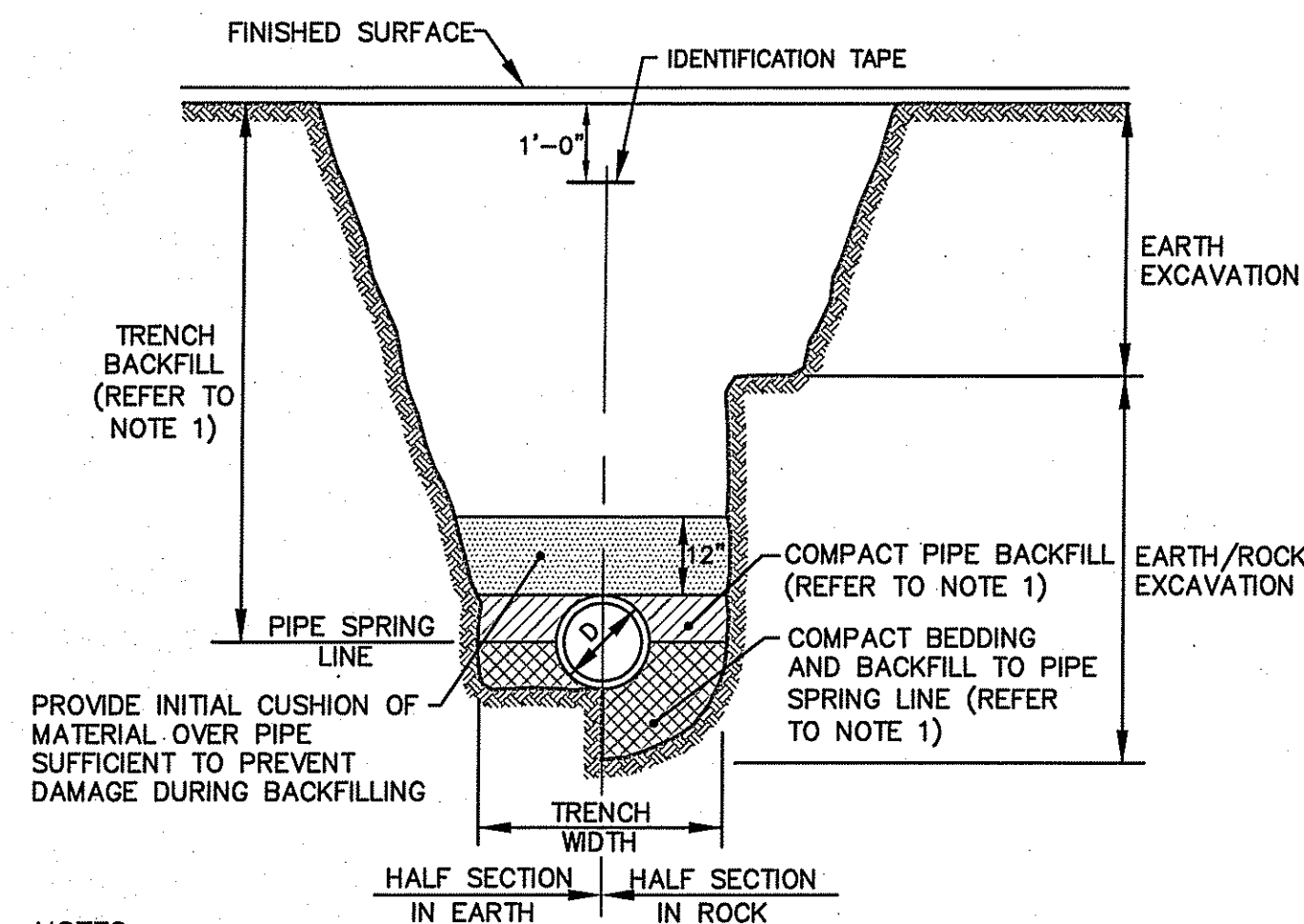
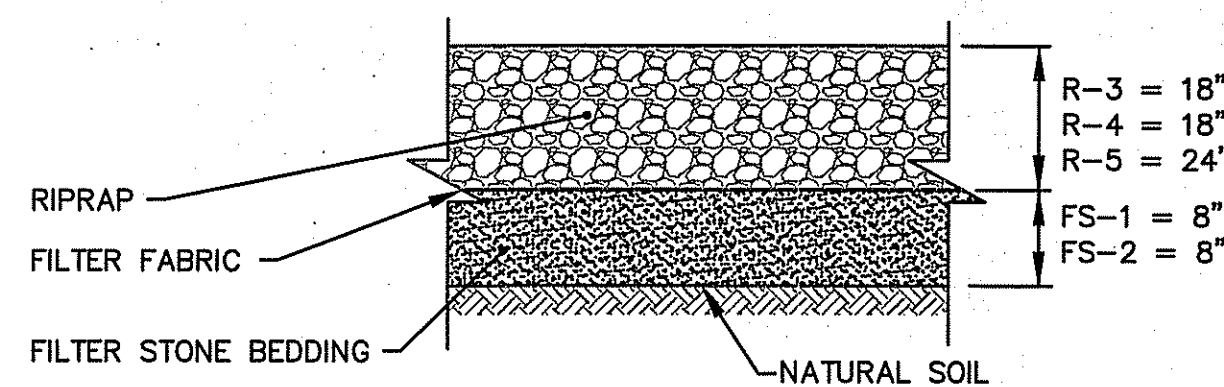


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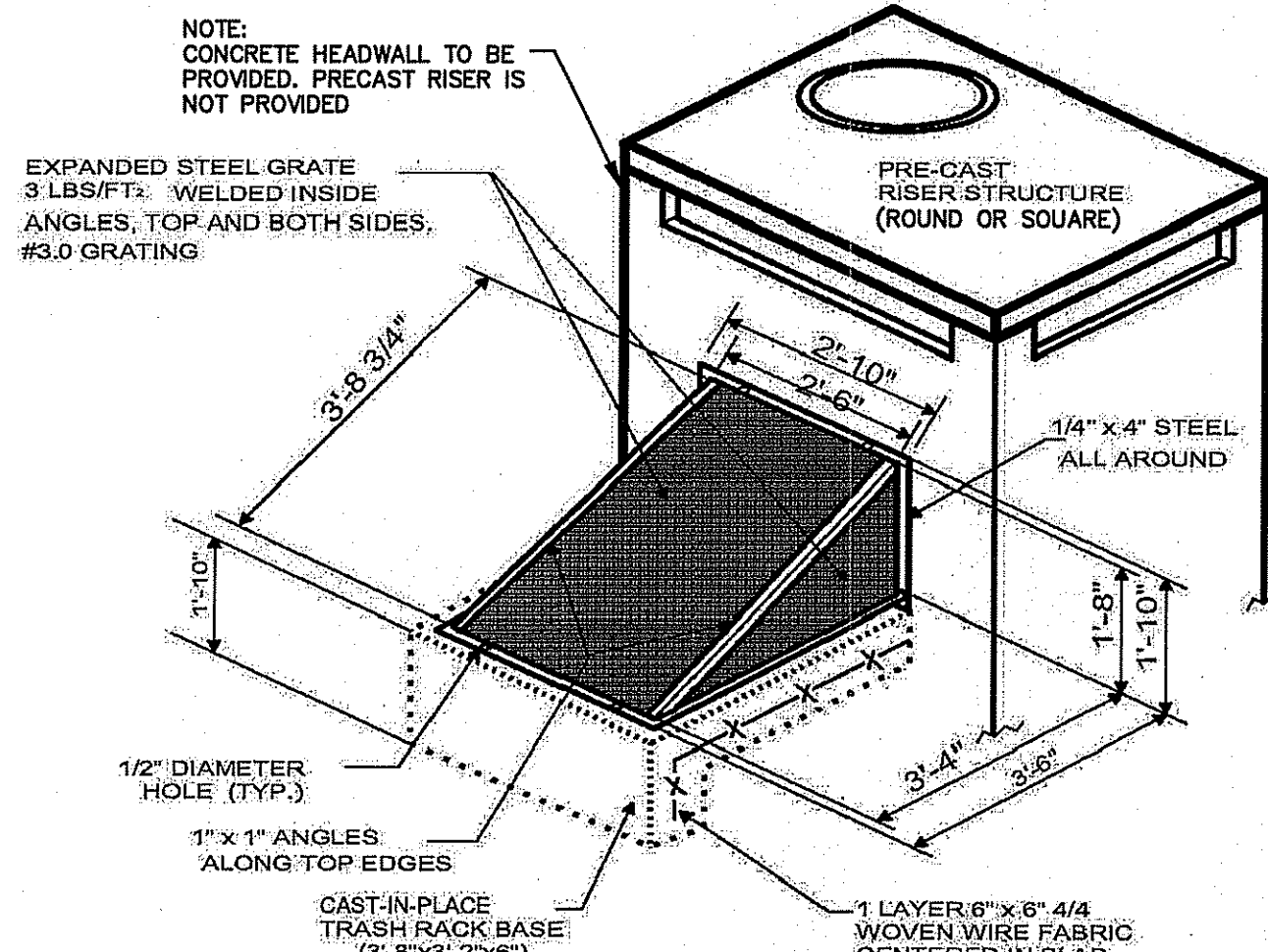
- UNLESS OTHERWISE SPECIFIED, DUMPED RIP-RAP SHALL BE USED.
- DIMENSIONS MAY BE MODIFIED BY ENGINEER TO MEET FIELD CONDITIONS.
- SEE "TYPICAL SECTION RIP RAP OUTLET PROTECTION" DETAIL FOR CONSTRUCTION MATERIAL SPECIFICATIONS.

TYPICAL LAYOUT OF RIP RAP OUTLET PROTECTION AT FLARED END SECTIONS and CONCRETE HEADWALLS

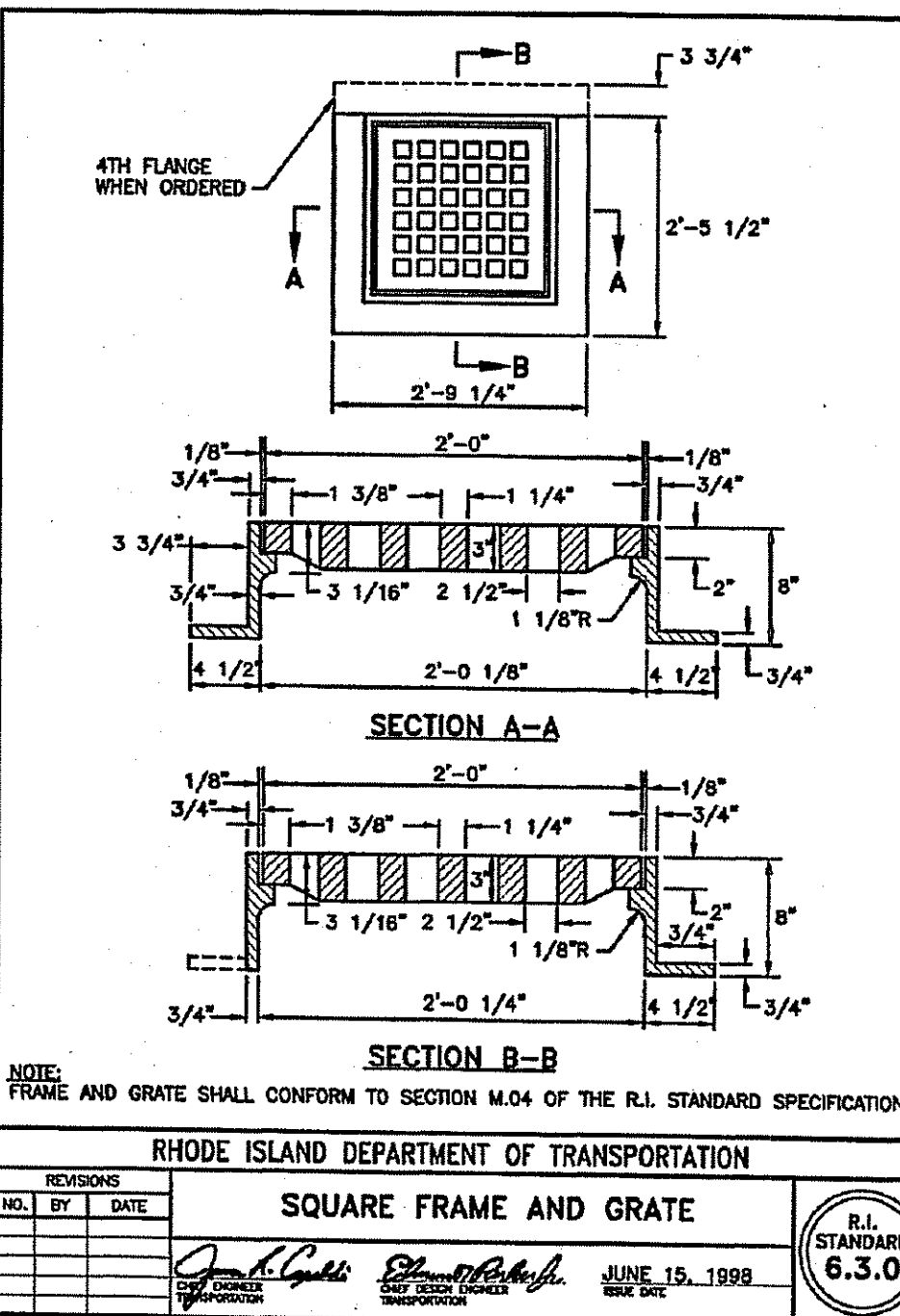
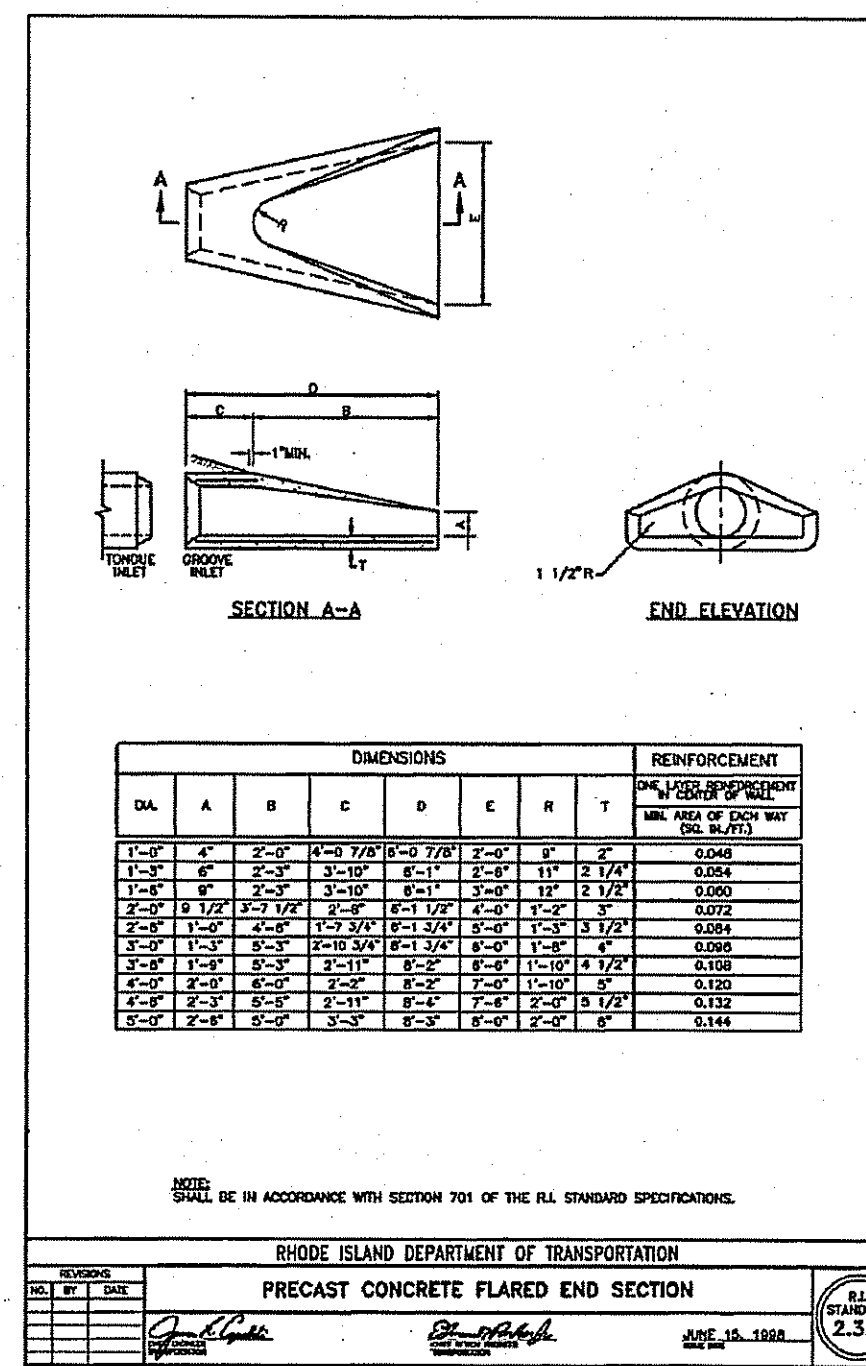
NOT TO SCALE



- NOTES:**
- PIPE BEDDING AND BACKFILL TO SPRING LINE SHALL CONSIST OF CRUSHED STONE-3/4" MINUS. PIPE BACKFILL SHALL CONSIST OF CRUSHED STONE (WRAPPED IN FILTER FABRIC) OR GRAVEL (3" MINUS, WITH SIEVE ANALYSIS APPROVED BY ENGINEER), OR OTHER APPROVED MATERIAL. TRENCH BACKFILL SHALL CONSIST OF SUITABLE EXCAVATED MATERIAL OR OTHER APPROVED MATERIAL. ALL BEDDING/BACKFILL TO BE COMPACTED TO 95% DRY DENSITY, MODIFIED PROCTOR METHOD.
 - ALL TRENCH EXCAVATION AND ANY SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND OSHA REGULATIONS.
 - MINIMUM TRENCH WIDTH SHALL BE OUTSIDE DIAMETER OF PIPE AT BELL PLUS 12". MAXIMUM TRENCH WIDTH SHALL BE OUTSIDE DIAMETER OF PIPE AT BELL PLUS 24".

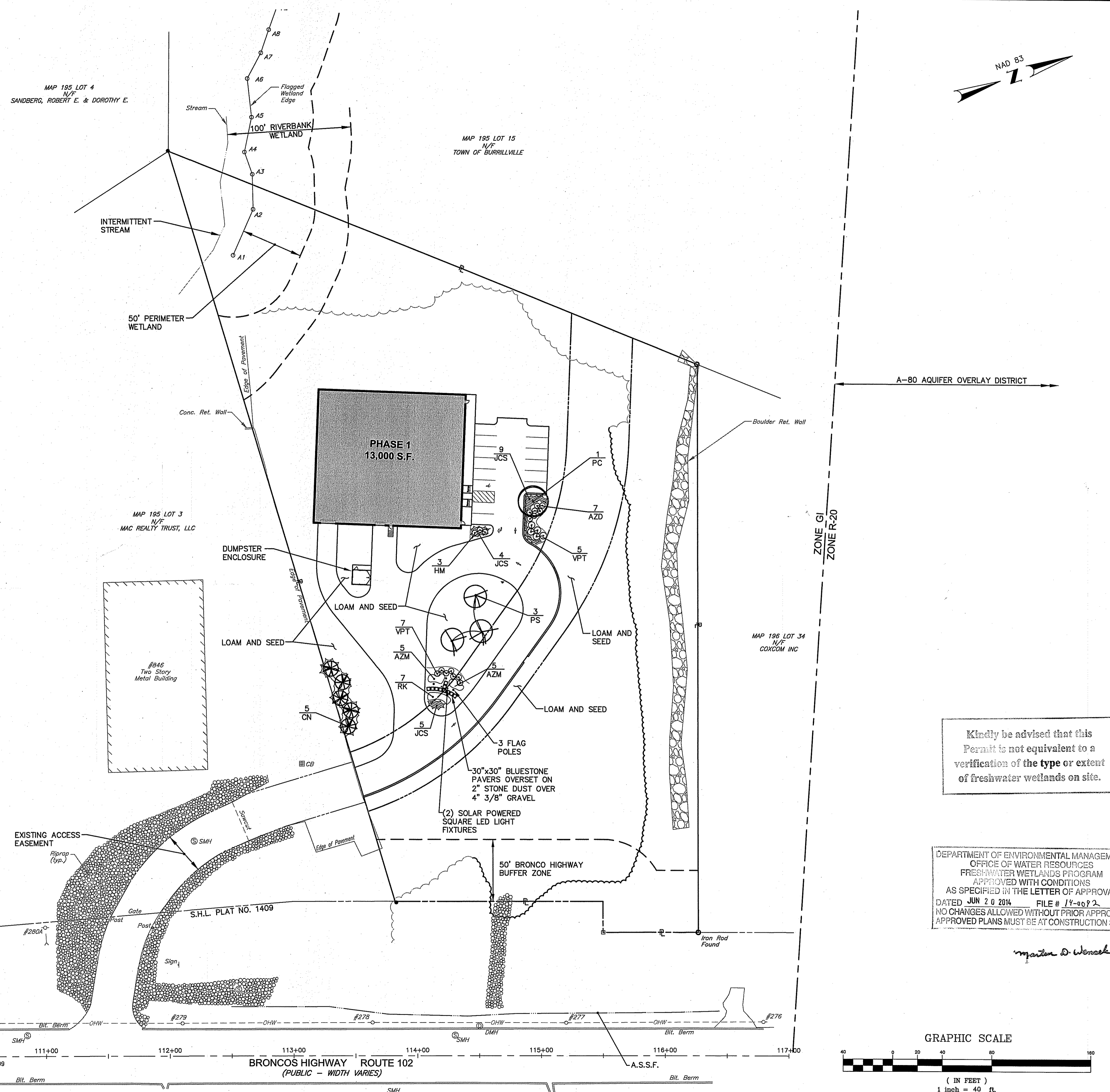


- NOTES:**
- BRACING TO BE ADJUSTED TO CREATE FLUSH SEAL AGAINST CIRCULAR RISER STRUCTURES.
 - DIMENSIONS SHALL BE ADJUSTED TO FIT ORIFICE CONFIGURATIONS.



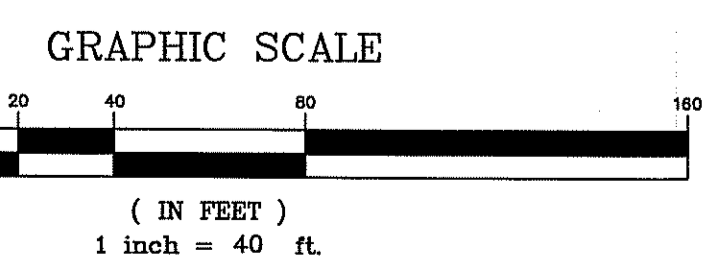
PLANTING SCHEDULE

TREES				
Key	Quantity	Botanical Name Common Name	Size	Remarks
CN	6	Chamaecyparis Nootkatensis Pendula Weeping Alaskan Cedar	5-6'	B&B
PC	1	Pyrus Calleryana 'Aristocrat' Aristocrat Pear	1 1/2-2" cal.	B&B
PS	3	Prunus subhirtella 'Autumnalis' Autumn Flowering Pink Cherry	1 1/2-2" cal.	B&B
SHRUBS				
AZD	7	Azalea 'Delaware Valley White' White Azalea	5 gal.	Cont.
AZM	10	Azalea 'Mother's Day' Pink Azalea	5 gal.	Cont.
HM	3	Hydrangea macrophylla 'Nikko Blue' Nikko Blue Hydrangea	5 gal.	Cont.
VPT	12	Viburnum plicatum tom. 'Mariesii' Mariesi Double File Viburnum	3-4'	B&B
GROUNDCOVERS				
JCS	18	Juniperus chin. 'Sargentii' Green Sargent's Juniper	2 gal.	Cont.
RK	7	Rosa Rugosa 'Frau Dagmar Hastrup' Pink Beach Rose	2 gal.	Cont.



Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 20 2014 FILE # 14-0012
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



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SITE PLAN SET

KEY PLAN



PROJECT TITLE:

ALASHAN CASHMERE
PLAT MAP 195, LOT 2
BURRILLVILLE COMMERCE PARK
BURRILLVILLE, RHODE ISLAND
ZONING DISTRICT:
GI - GENERAL INDUSTRIAL
ROUTE 102 DEVELOPMENT
MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:

THE INDUSTRIAL FOUNDATION OF BURRILLVILLE
KEVIN P. MENARD - PRESIDENT
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THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:

LANDSCAPE PLAN

DATE: APRIL 2014 SCALE: 1"=40'
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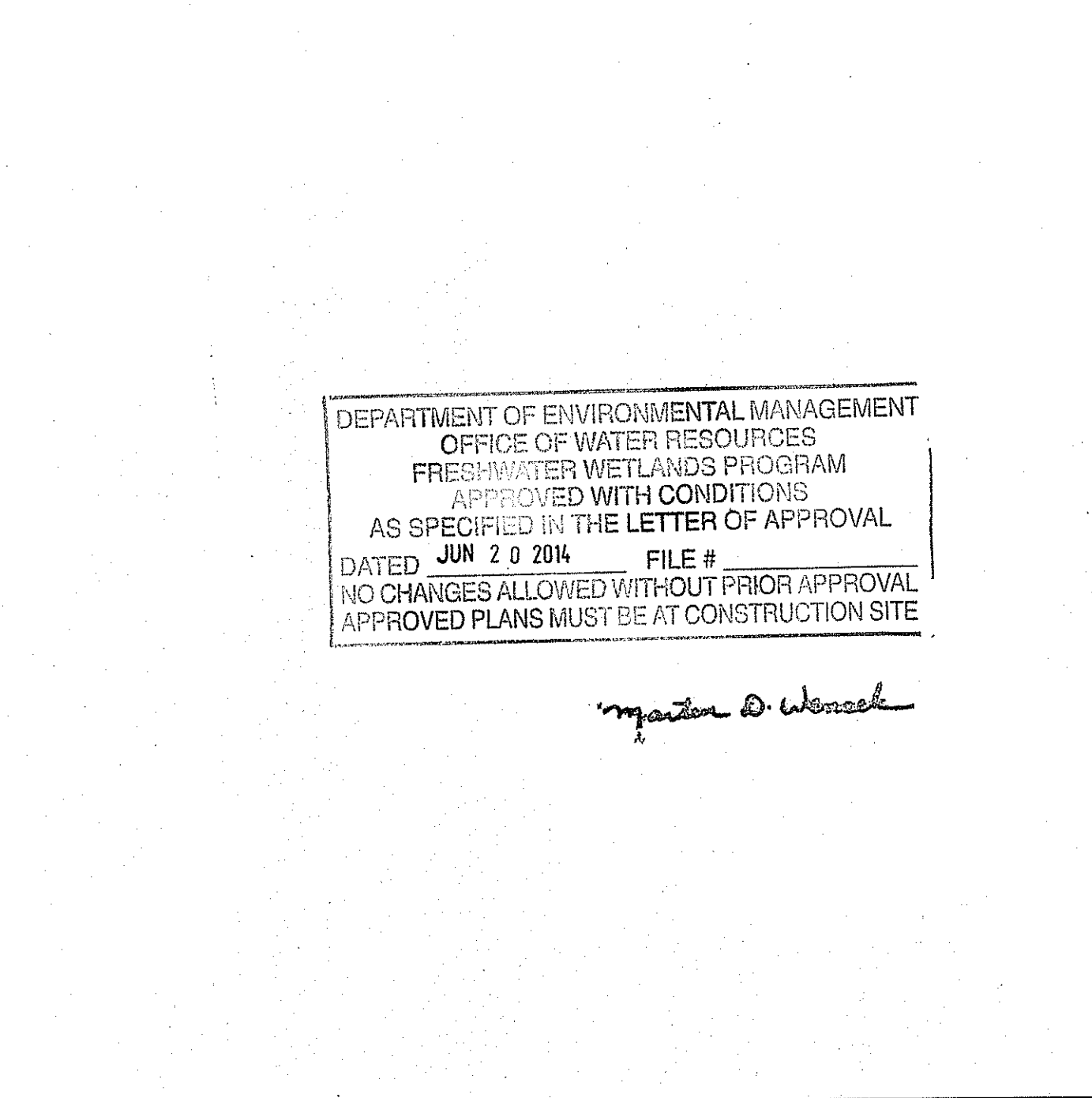
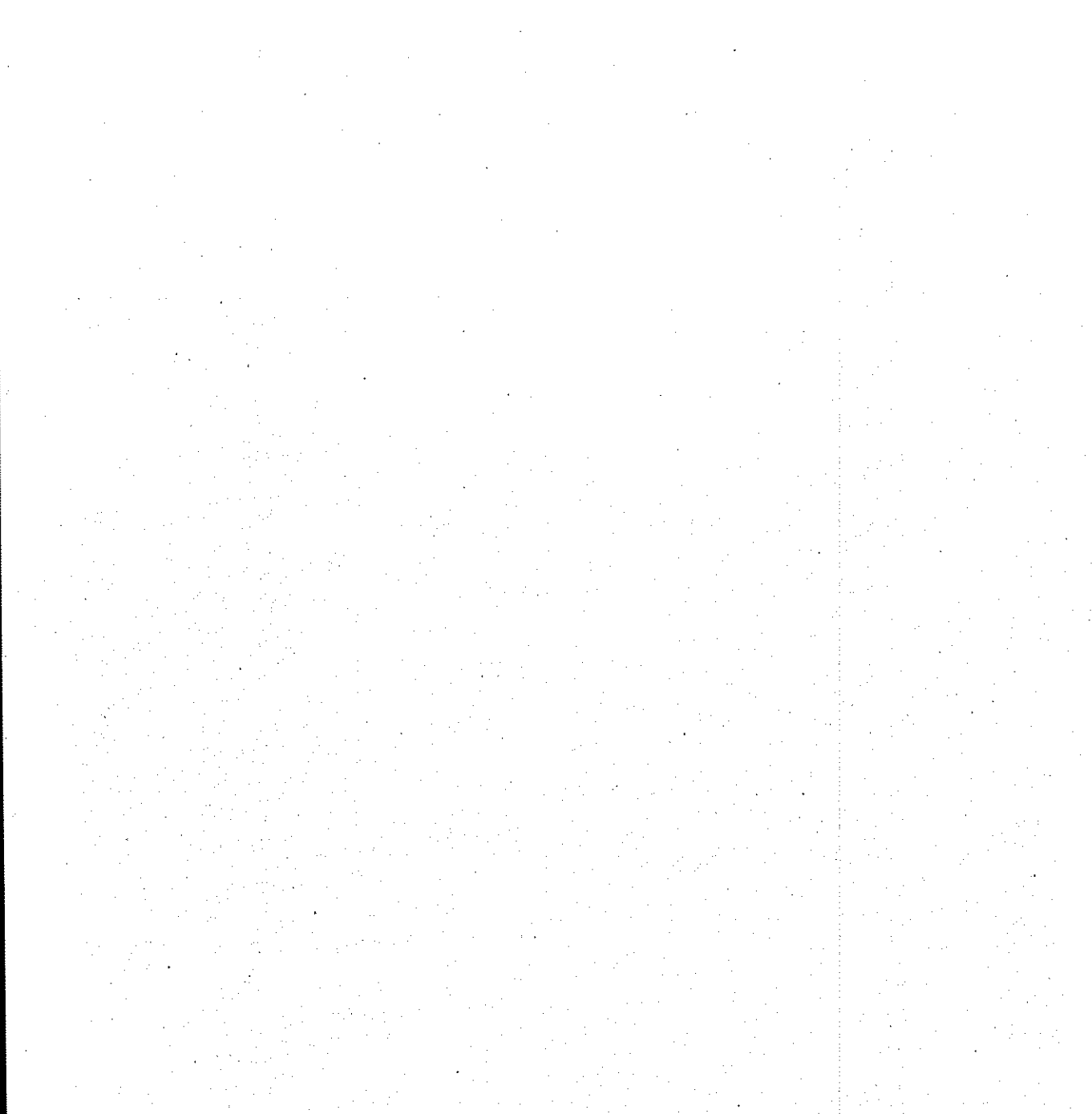
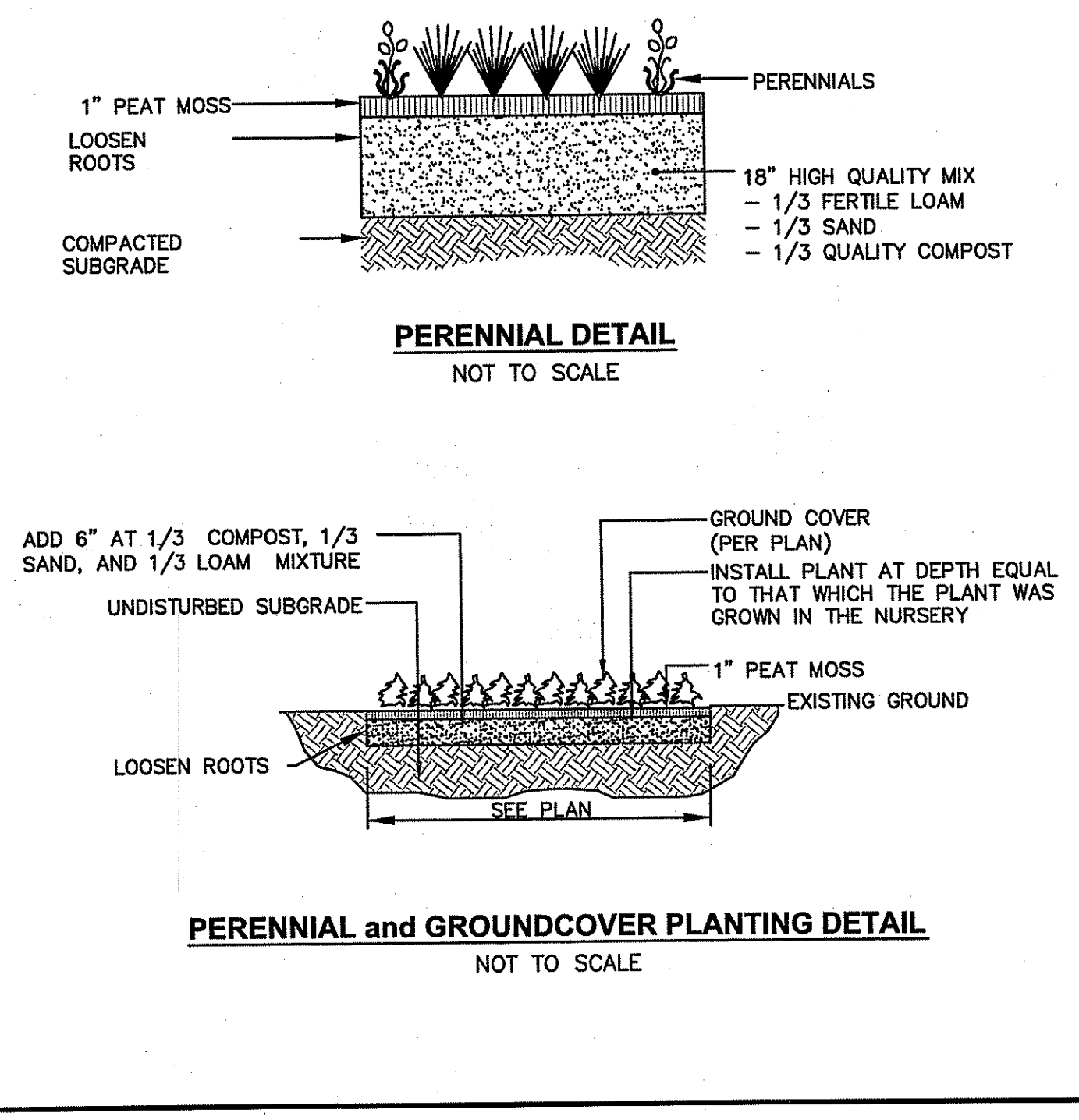
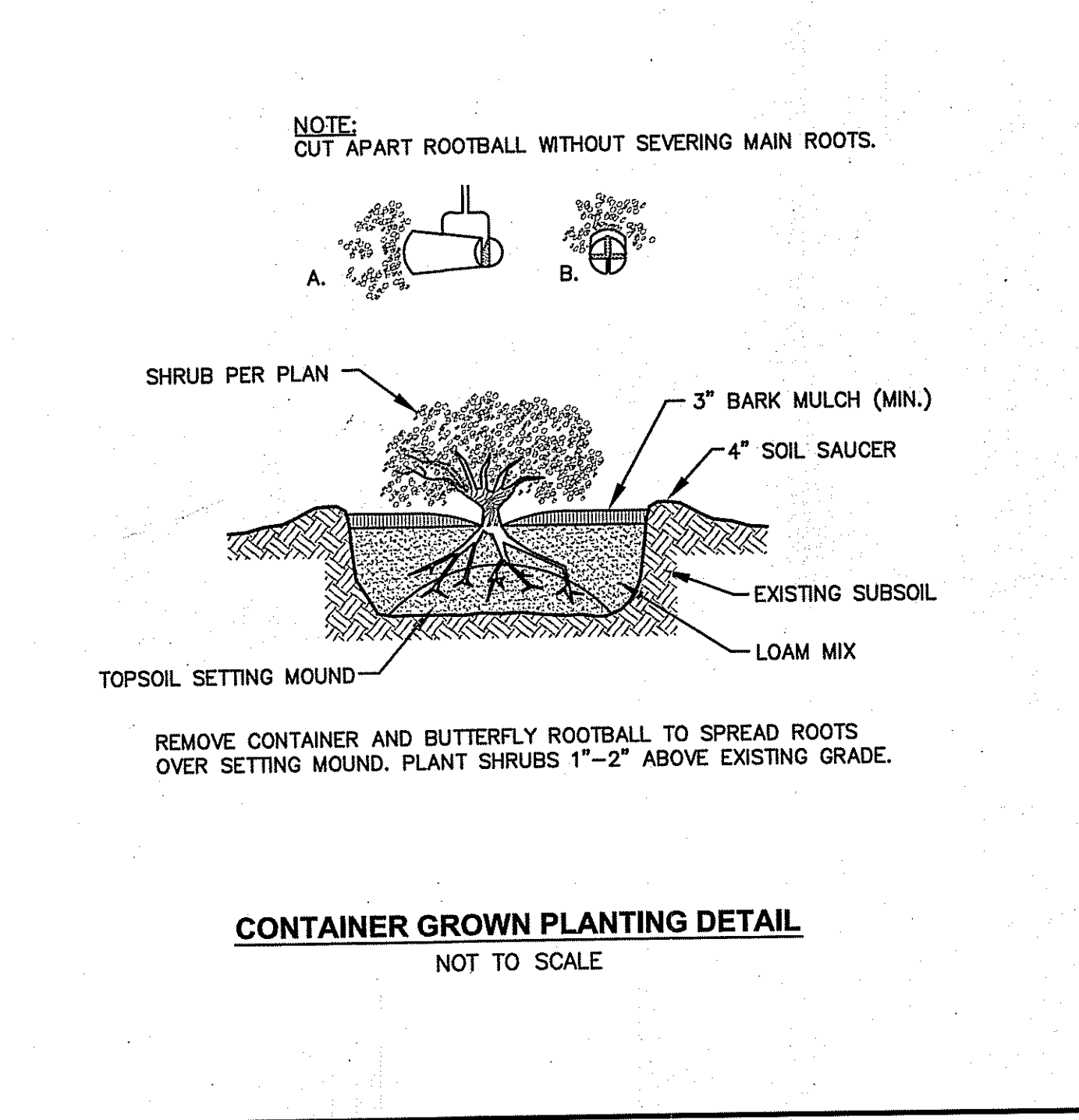
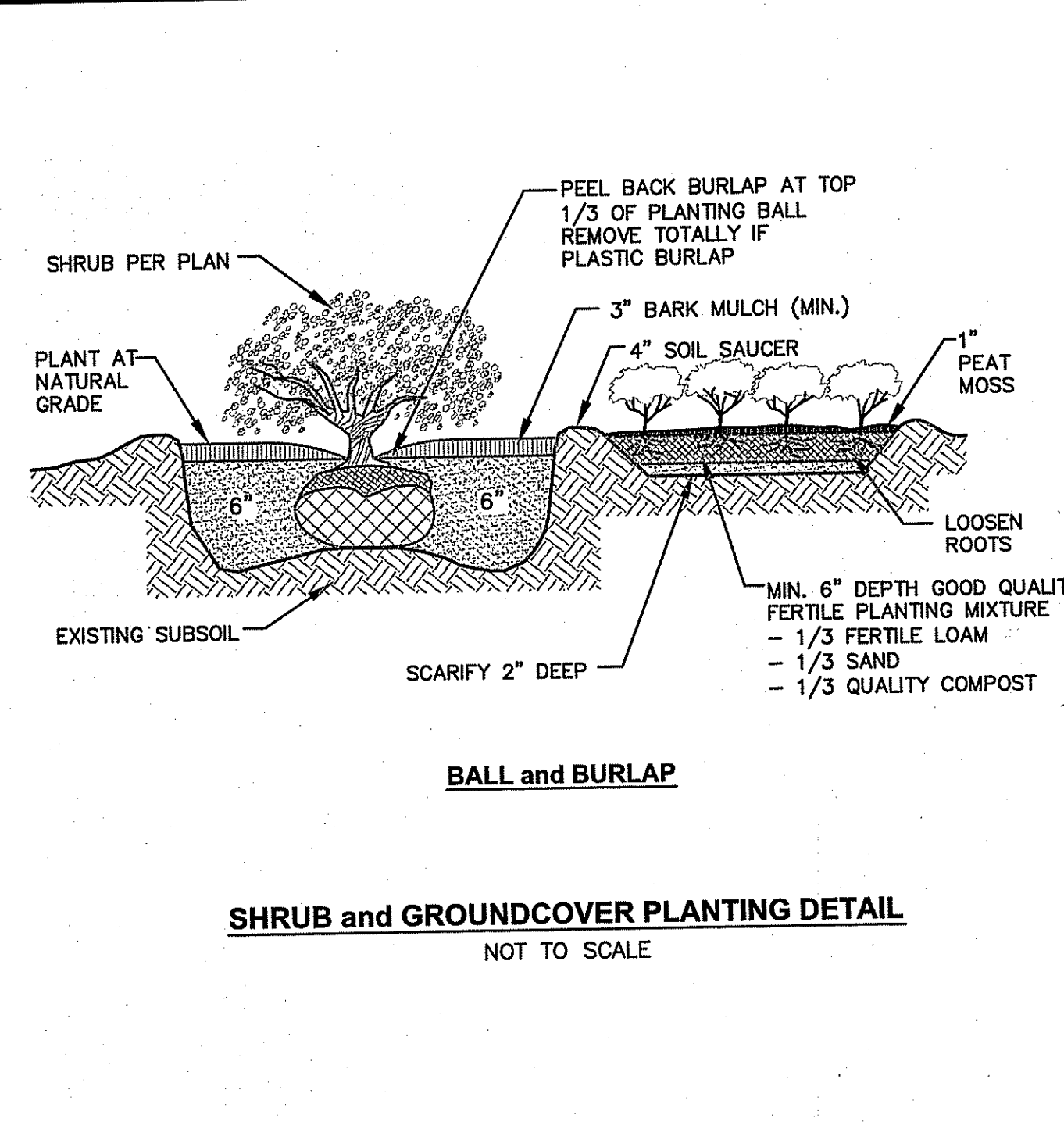
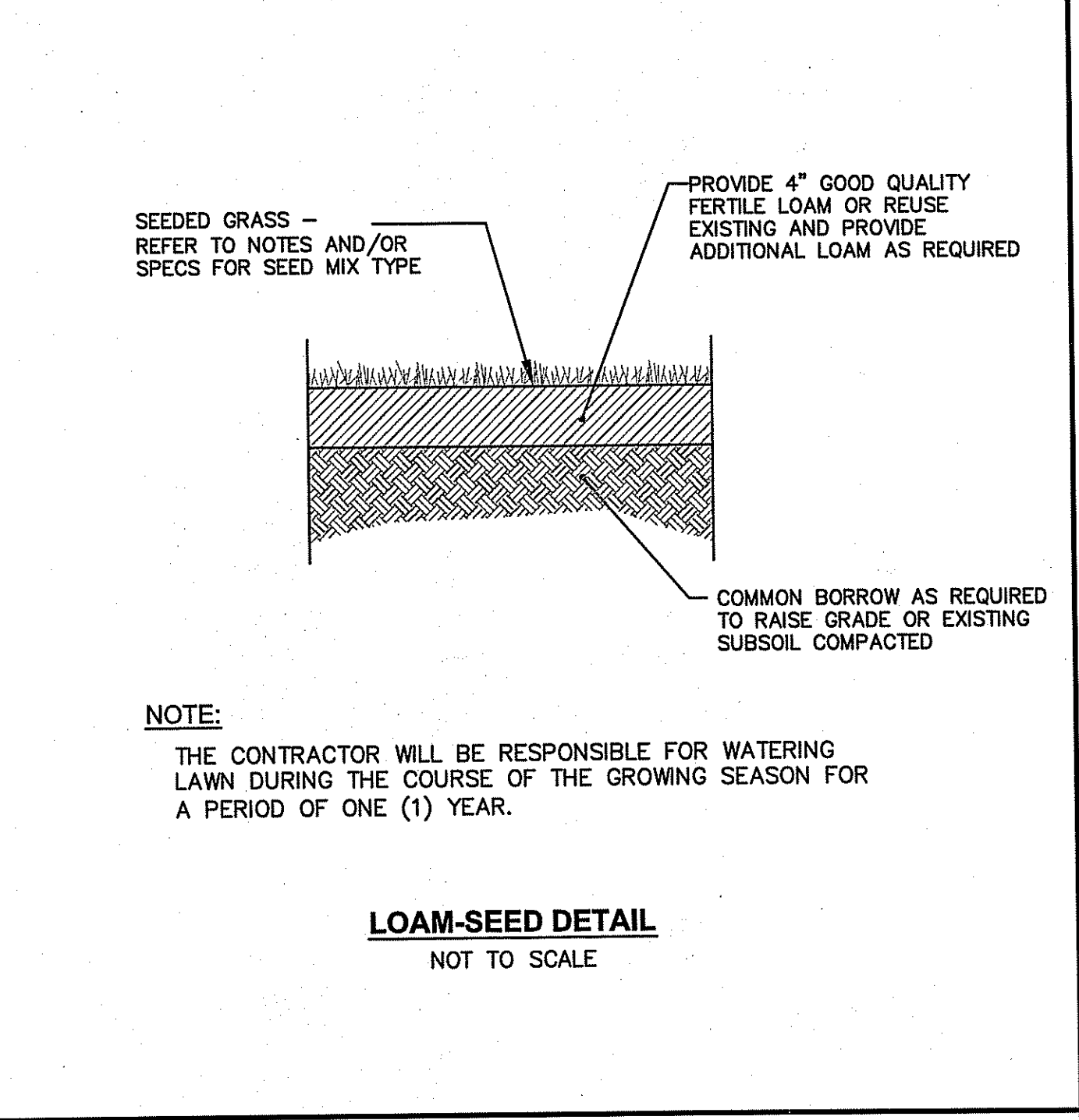
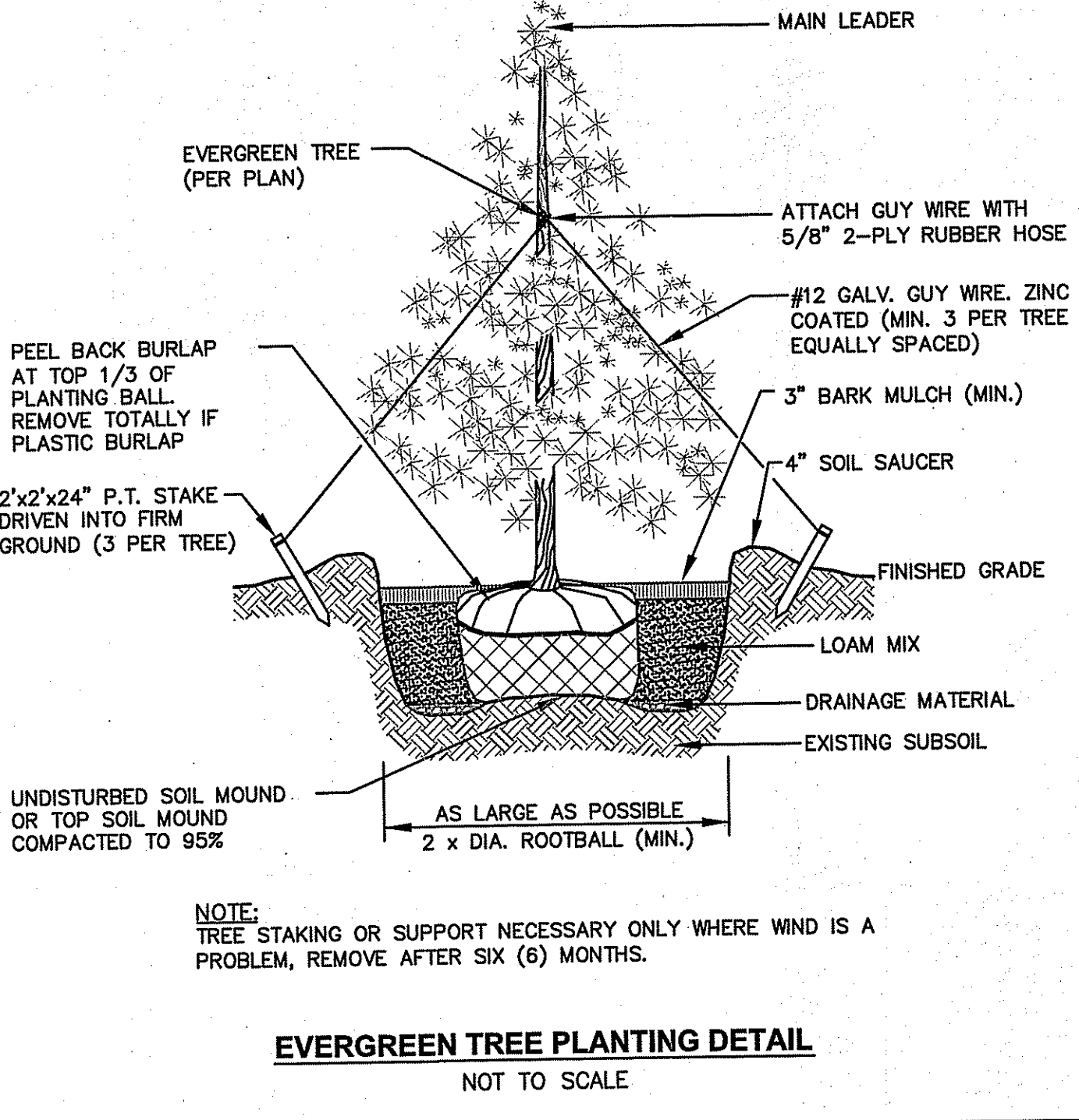
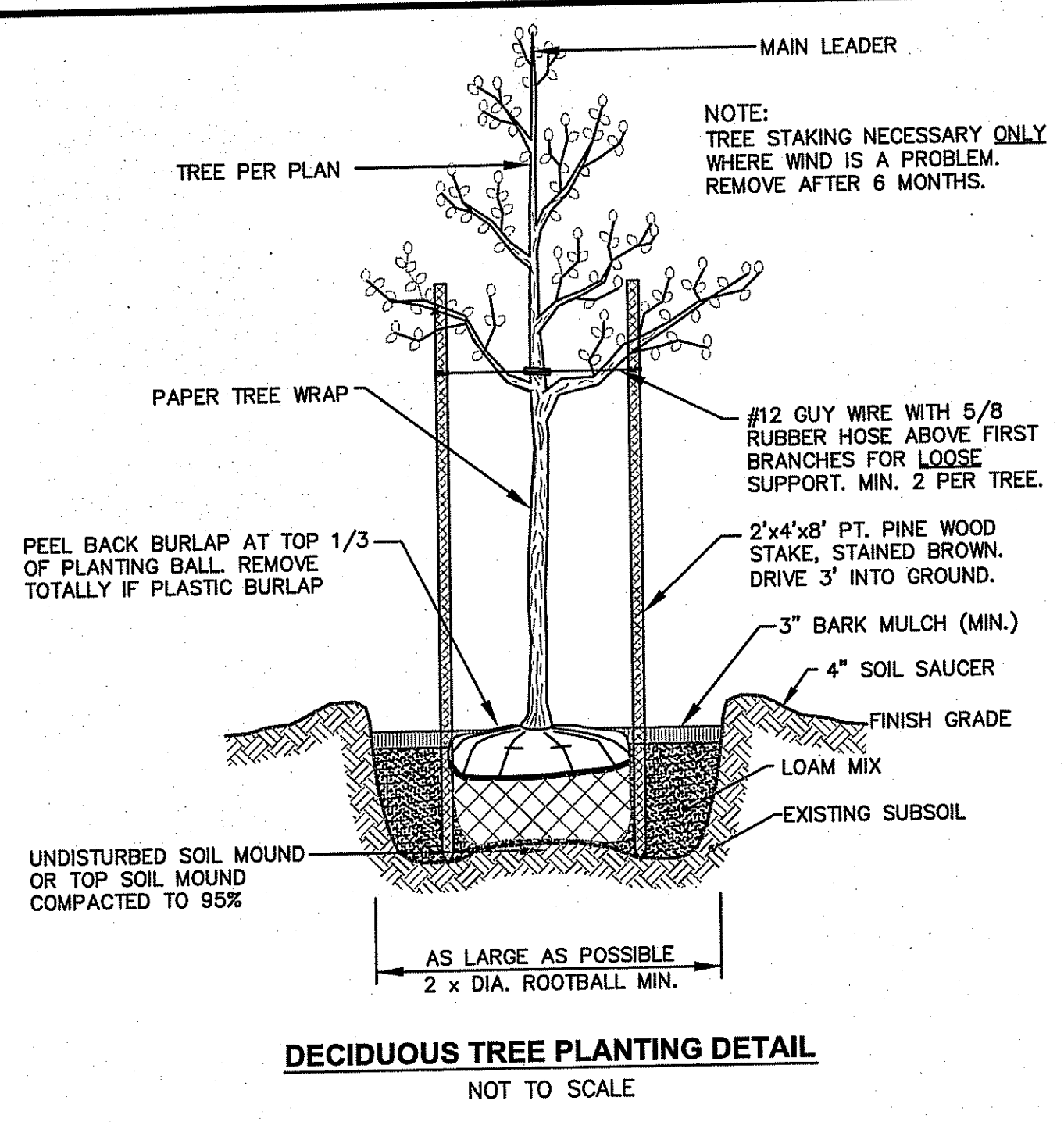
REVISIONS

NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14

DRAWING NUMBER

L1

SHEET: 15 OF 18



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 20 2014 FILE #
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Jonathan D. Wenzel

SEEDING NOTES

- LOAM SHALL BE SPREAD TO A MINIMUM DEPTH OF 4" OVER ALL AREAS DESIGNATED ON PLANS.
- SHAPE AND SMOOTH THE SURFACE TO THE LINES AND GRADES AS SHOWN ON PLANS.
- FERTILIZE WITH 10-10-10 OR EQUIVALENT ANALYSIS. AT LEAST 40% OF THE FERTILIZER NITROGEN SHALL BE IN A SLOW RELEASE FORM. INCORPORATE INTO THE SOIL BY DICING OR OTHER APPROVED METHOD. OF THE PLANTING SOIL. APPLY AT THE RATE OF 6 POUNDS PER 1,000 SQUARE FEET AT SEEDING.
- LIME: SPREAD EVENLY AND WORK INTO THE SOIL DURING PREPARATION OF SEED BED AT THE RATE OF ONE TON PER ACRE. INCORPORATE INTO THE SOIL BY DICING OR OTHER APPROVED METHOD. DISTRIBUTE LIME UNIFORMLY AND WORK INTO TOP 4 INCHES OF TOP SOIL (MINIMUM) AND UNIFORMLY BLEND BY DICING OR ROTOTILLING.
- APPLICATION OF SEED:
 - RATE OF APPLICATION OF SEED SHALL BE 8 POUNDS PER 1,000 SQUARE FEET OR AS INDICATED ON PLANS.
 - SEEDING SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS, AND ONLY DURING THE FOLLOWING DATES:
SPRING SEEDING: MARCH 15 TO MAY 31
FALL SEEDING: AUGUST 15 TO OCTOBER 15
 - THE CONTRACTOR SHALL KEEP ALL SEEDING AREAS WATERED AND IN GOOD CONDITION, RESEEDING IF AND WHEN NECESSARY FOR AN 8 WEEK PERIOD OR UNTIL A GOOD, HEALTHY, UNIFORM GROWTH IS ESTABLISHED OVER THE ENTIRE AREA. THE CONTRACTOR SHALL ALSO MAINTAIN THESE AREAS IN AN APPROVED CONDITION UNTIL PROVISIONAL ACCEPTANCE.
 - DURING THIS PERIOD, WATER TURF AS NECESSARY TO MAINTAIN AN ADEQUATE SUPPLY OF MOISTURE WITHIN THE ROOT ZONE. AN ADEQUATE SUPPLY OF MOISTURE IS EQUIVALENT OF ONE INCH OF ABSORBED WATER PER WEEK THAT IS DELIVERED AT WEEKLY INTERVALS IN THE FORM OF NATURAL RAIN OR IS AUGMENTED AS REQUIRED BY PERIODIC WATERING.
 - OVERSEED WHEN NECESSARY TO PROMOTE GRASS GROWTH.
 - REPLANT AREAS VOID OF TURF ONE SQUARE FOOT OR LARGER.
- SEED:
 - SEED ALL AREAS DESIGNATED ON PLAN AS WELL AS ALL DISTURBED EXISTING AREAS WITH THE FOLLOWING SEED MIX:

SEED MIX No. 1
(SLOPES, MEADOWS AND GENERAL RESTORATION AREA)

TYPE	% BY WEIGHT
CREeping RED FESCUE	70
ASTORIA BENTGRASS	15
BIRDFOOT TREFLOIL	15
PERENNIAL RYE GRASS	10

APPLICATION RATE = 200 lbs. / ACRE

SEED MIX No. 2
(MOVED AREAS)

TYPE	% BY WEIGHT
NASSAU KENT BLUE	60
JAMESTOWN CHEWINGS FESCUE	20
PALMER PERENNIAL RYE GRASS	20

APPLICATION RATE = 200 lbs. / ACRE

SEED MIX No. 3
(DETENTION/RETENTION AREAS)

TYPE	% BY WEIGHT
CREeping RED FESCUE	28
TALL FESCUE	24
PERENNIAL RYE GRASS	18
LITTLE BLUESTEM	15
REDTOP	4
NORTHEAST WILDFLOWER MIX	4

APPLICATION RATE = 220 lbs. / ACRE OR 5 LBS. PER 1,000 S.F.

SEED MIX No. 4
(BIO-DETENTION AREAS)

TYPE	% BY WEIGHT
HARD FESCUE	60
SHEEP FESCUE	40

APPLICATION RATE = 25-50 LBS./ACRE

SEED MIX No. 5
(WETLAND AREAS)

TYPE	% BY WEIGHT
REDDTOP (AGROSTIS STOLONIFERA)	25
DEET TONGUE (PANICUM CLANDESTINUM)	20
BLUEJOINT GRASS (CALAMAGROSTIS CANAD.)	20
ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)	10
SWITCHGRASS (PANICUM VIGATUM)	10
JOE PYE WEED (EUPATORIUM FISTULOSUM)	5
YELLOW FLAG IRIS (Iris VERSICOLOR)	5
RICEGRASS (LEERSIA ORYZOIDES)	5

APPLICATION RATE = 60 lbs. / ACRE

LANDSCAPE CONSTRUCTION NOTES

- FURNISH AND INSTALL ALL PLANTS SHOWN ON THE DRAWINGS SPECIFIED HEREIN, AND IN THE QUANTITIES LISTED ON THE PLANT LIST. NO SUBSTITUTIONS WILL BE PERMITTED, UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
- LOAM TO BE SCREENED, GOOD QUALITY, FERTILE, FREE OF WEEDS, STICKS, STONES OVER 3/4", AND ROOTS. SPREAD TO A MINIMUM OF 4" OVER ALL PLANTED AREAS.
- BIO-DETENTION AREAS-PLANTING SOIL AND MULCH: LOAMY SAND TO A SANDY LOAM-80% SAND <20% SILT, <2% CLAY. WELL AGED GRADED COMPOST (25% OF SOIL MIX). WELL AGED, AERATED DARK BROWN HARD-WOOD MULCH (AGED 6 MONTHS).
- NURSERY STOCK SHALL MEET THE STANDARDS OF THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION AS TO GRADING AND QUALITY.
- ONLY NURSERY-GROWN PLANTS, GROWN IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES, AND GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST TWO (2) YEARS, WILL BE ACCEPTED.
- SET PLANTS PLUMB AND AT A LEVEL THAT AFTER SETTLEMENT THEY BEAR THE SAME RELATION TO THE SURROUNDING GROUND AS THEY BORE TO THE GROUND FROM WHICH THEY WERE DUG. SETTLE BACKFILL MATERIAL FOR PLANTS THOROUGHLY AND PROPERLY BY FIRING OR TAMING. FORM SAUCERS, CAPABLE OF HOLDING WATER ABOUT INDIVIDUAL PLANTS, BY PLACING RIDGES OF PLANTING SOIL AROUND EACH.
- STAKE ALL TREES OVER 5 FEET AS SHOWN ON PLANS. REMOVE STAKES AT THE END OF THE GUARANTEE PERIOD.
- WATERING: WATER ALL PLANTS WITHIN 48 HOURS AFTER PLANTING. IF CONDITIONS WARRANT, AND AS MANY TIMES THEREAFTER TO SUSTAIN HEALTHY CONDITIONS UNTIL LANDSCAPE INSTALLATION IS COMPLETED. SATURATE THE SOIL AROUND EACH PLANT THOROUGHLY AT EACH WATERING.
- PRUNING: PRUNE PLANTS, AS DIRECTED BY OWNER, AT THE PROJECT SITE BEFORE OR IMMEDIATELY AFTER PLANTING IN ACCORDANCE WITH THE BEST HORTICULTURAL PRACTICE. CUT BROKEN, DEAD OR INJURED BRANCHES IMMEDIATELY ABOVE THE STEM COLLAR ON THE TRUNK OR LIMB. PRUNE ALL BROKEN ROOTS ON THE PLANT SIDE OF THE BREAK. PAINT CUTS OVER 3/4" IN DIAMETER WITH TREE WOUND PAINT. PRUNING SHALL NOT DEFORM OR OTHERWISE DESTROY THE TYPICAL SHAPE OR SYMMETRY OF THE PLANT, AND SHALL NOT REDUCE THE HEIGHT BY MORE THAN ONE-THIRD. DO NOT CUT BACK THE LEADER OF THE PLANT UNLESS DIRECTED BY THE LANDSCAPE ARCHITECT.
- FERTILIZING: FERTILIZE SHRUB BEDS WITH 10-6-4 FERTILIZER BROADCAST AT A RATE OF THREE POUNDS PER 100 SQUARE FEET OF SURFACE AREA. BROADCAST, APPLY THE FERTILIZER UNIFORMLY TO THE SURFACE BEDS AND WORK INTO THE UPPER TWO INCHES OF SOIL. FERTILIZE INDIVIDUAL TREES AT A RATE OF ONE AGRIFORM PELLET PER INCH OF TRUNK DIAMETER (FOLLOW MANUFACTURER'S WRITTEN INSTRUCTIONS). APPLY A SECOND APPLICATION OF FERTILIZER TO ALL PLANT ITEMS AT THE SAME SPECIFIED RATES OVER THE MULCH AT THE END OF AN EIGHT WEEK PERIOD.
- LIMING: ADD POWDERED LIME EVERY SIX MONTHS - OR SLOW RELEASE GRANULAR LIME-AS PER MANUFACTURER'S INSTRUCTION.
- MULCHING: WITHIN A 72 HOUR PERIOD AFTER PLANTING, COVER ALL PLANTED AREAS WITH 3" DARK HEMLOCK MULCH. NO RED OR DYED MULCH IS TO BE USED. MULCH SHOULD BE PULLED ONE INCH AWAY FROM PLANT TRUNK OR STEM, AND NOT ALLOWED TO REST DIRECTLY AGAINST THE TRUNK OR STEM.
- GUARANTEE: ALL PLANTS FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER PRELIMINARY INSPECTION AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ALL DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED AT ONCE BY THE CONTRACTOR, FREE OF CHARGE.

CROSSMAN ENGINEERING
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• Civil
• Transportation
• Environmental
• Site Planning
• Landscape Architecture
• Land Surveying

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SITE PLAN SET

KEY PLAN

STEVEN M. CABRAL
4847
REGISTERED PROFESSIONAL ENGINEER

ALASHAN CASHMERE

PLAT MAP 195, LOT 2
BURRILLVILLE COMMERCE PARK
BURRILLVILLE, RHODE ISLAND
ZONING DISTRICT:
GI - GENERAL INDUSTRIAL
ROUTE 102 DEVELOPMENT
MANAGEMENT OVERLAY DISTRICT

PREPARED FOR:

THE INDUSTRIAL FOUNDATION OF BURRILLVILLE

KEVIN P. MENARD - PRESIDENT
c/o SCOTT A. GIBBS
THE ECONOMIC DEVELOPMENT FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

LANDSCAPE DETAIL PLAN

DATE: APRIL 2014 SCALE: AS SHOWN

DWG. NAME: 1991-L02-LNDET.dwg

REVISIONS

NUMBER	REMARKS	DATE
1	VALUE ENGINEERING	05/20/14
2	R.I.D.E.M. COMMENTS	06/09/14

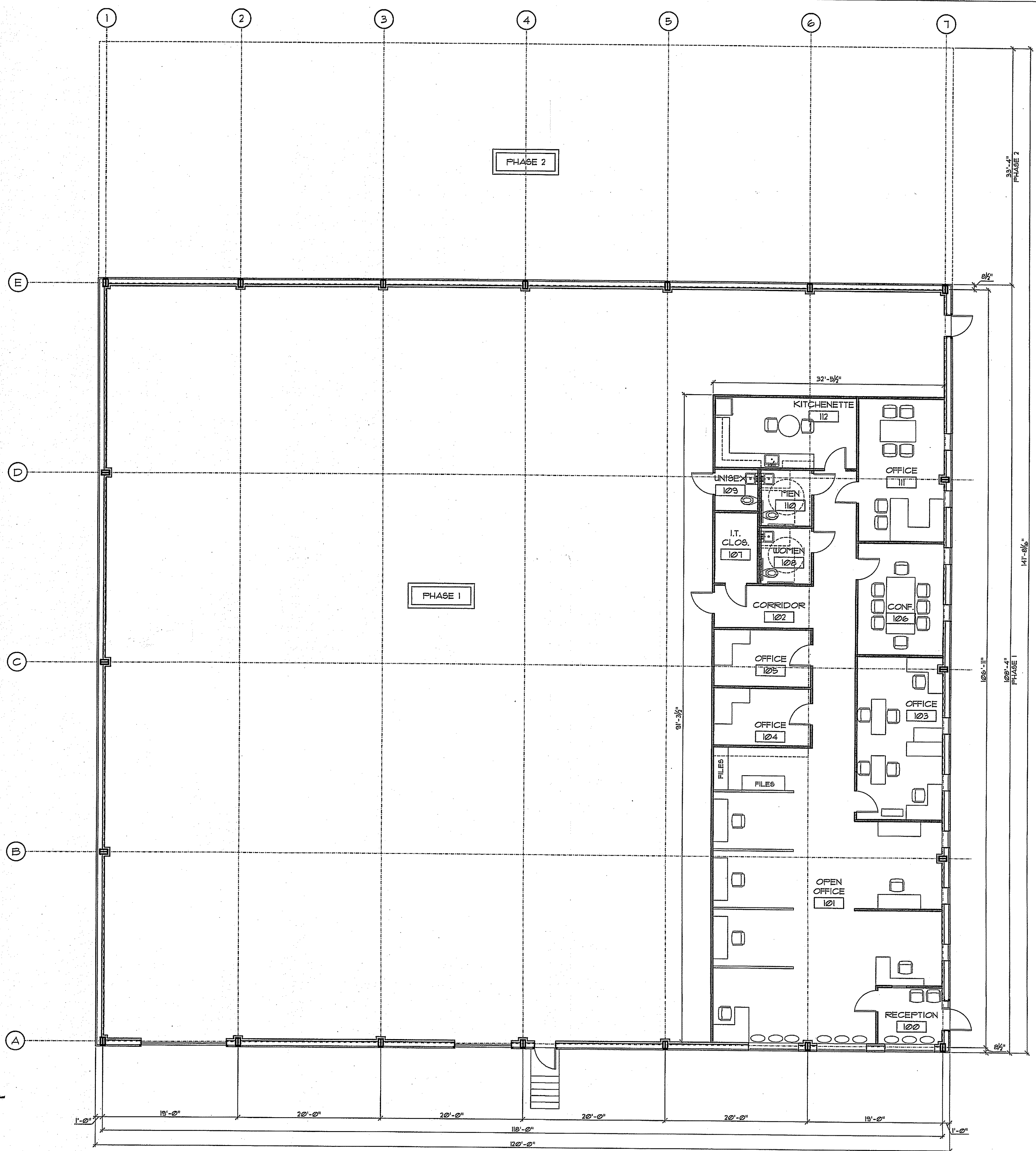
DRAWING NUMBER

L2

SHEET: 16 OF 18

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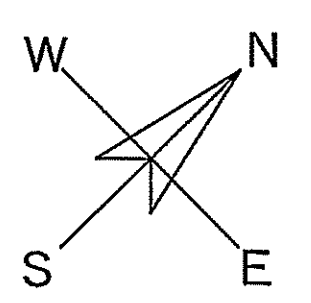
Mark D. Wencel



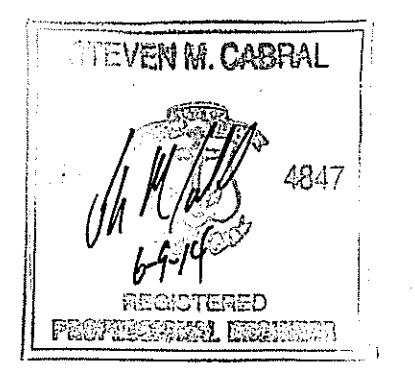
FIRST FLOOR PLAN

1/8" = 1'-0"

Ed Wojcik
 architect, ltd
 One Richmond Square
 Providence, RI 02906
 401-861-7139
 Fax: 401-861-7165



Design for:
Alashan Cashmere
 Route 102
 Burrillville, RI 02830



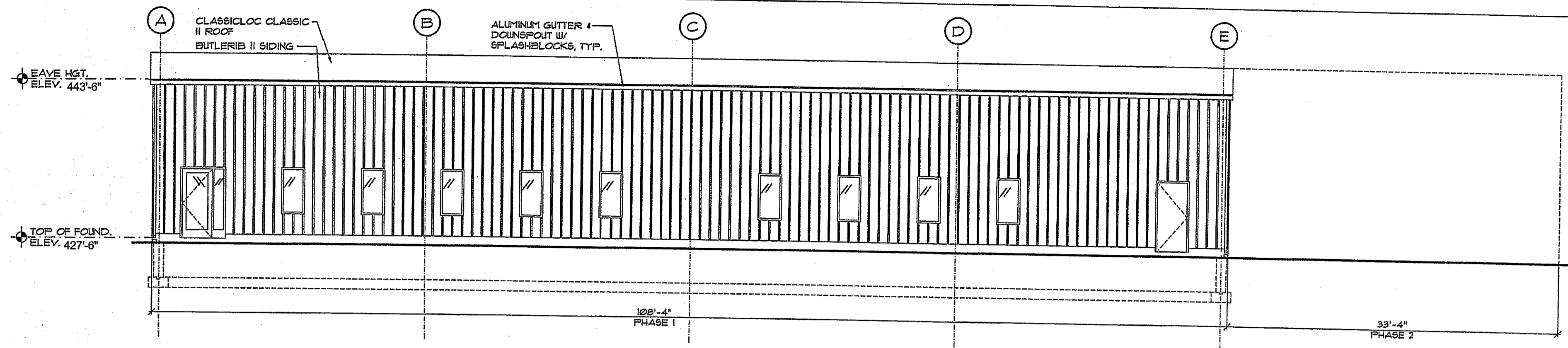
SHEET CONTENTS:
 First Floor Plan

PROJECT # 1714
 DATE: 04/10/2014
 REVISED DATE:
 1. VALUE ENGINEERING 05/20/14
 2. R.I.D.E.M. COMMENTS 06/09/14

A-1

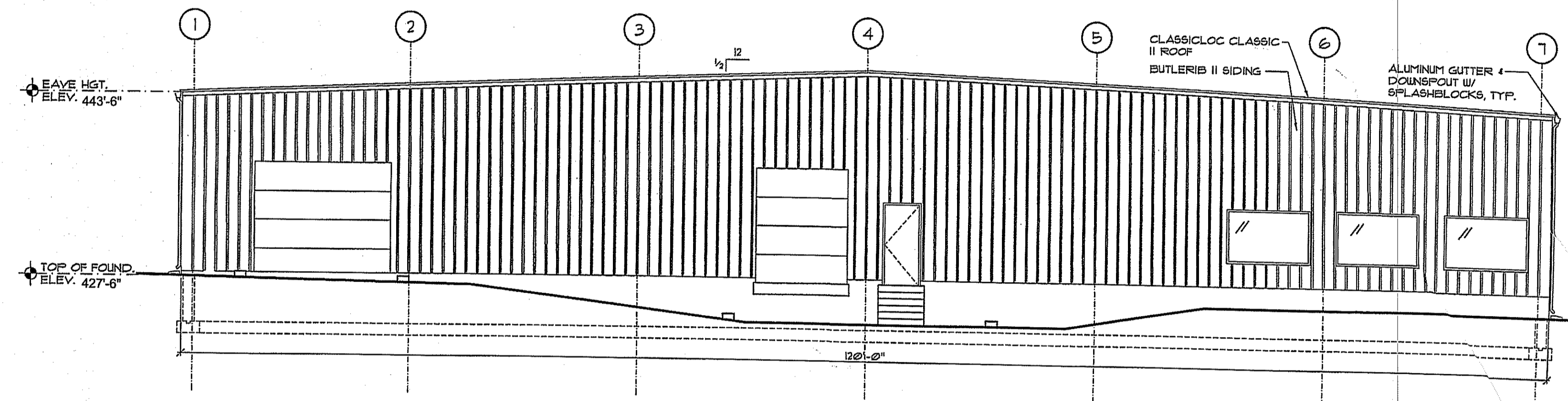
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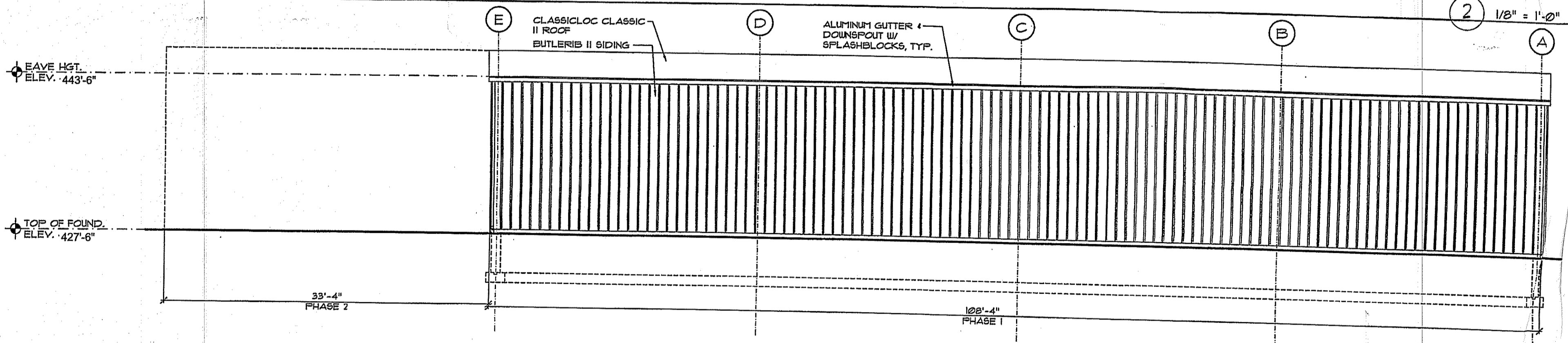
NORTHEAST ELEVATION

1 1/8" = 1'-0"



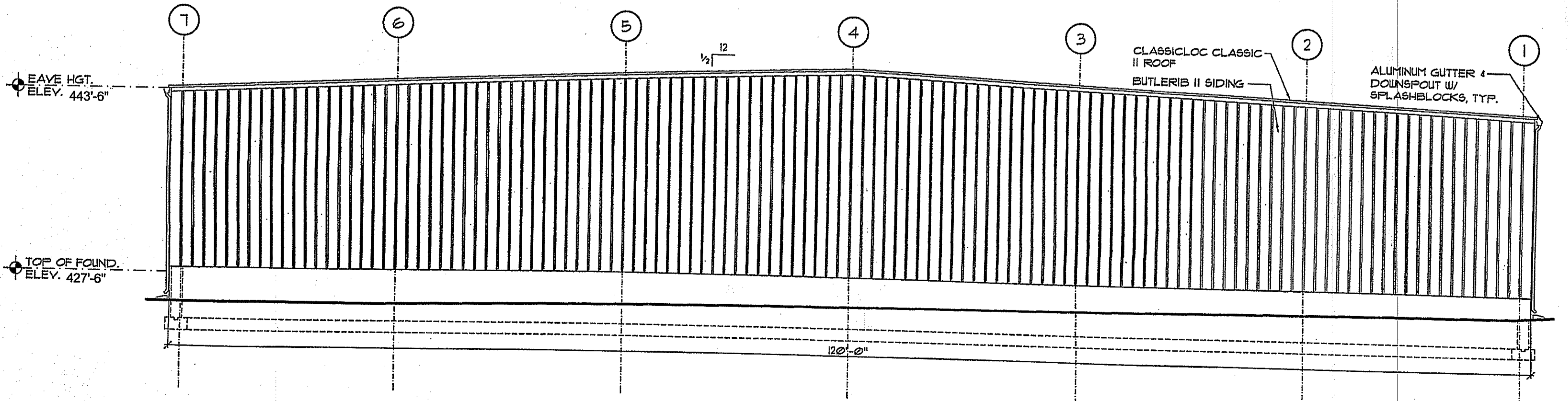
SOUTHEAST

2 1/8" = 1'-0"



SOUTHWEST

3 1/8" = 1'-0"



NORTHWEST

4 1/8" = 1'-0"

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Martin D. Woreck

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Design for:
Alashan Cashmere
 Route 102
 Wrentham, RI 02830

M. CABRAL
 4847
 P.E.
 REGISTERED PROFESSIONAL ENGINEER

SHEET CONT.
 Exterior Elev.

PROJECT # 1714
 DATE: 04/10/2014
 REVISED DATE:
 1 VALUE ENGINEERING 05/20/14
 2 R.I.D.E.M. COMMENTS 06/09/14

A-2

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