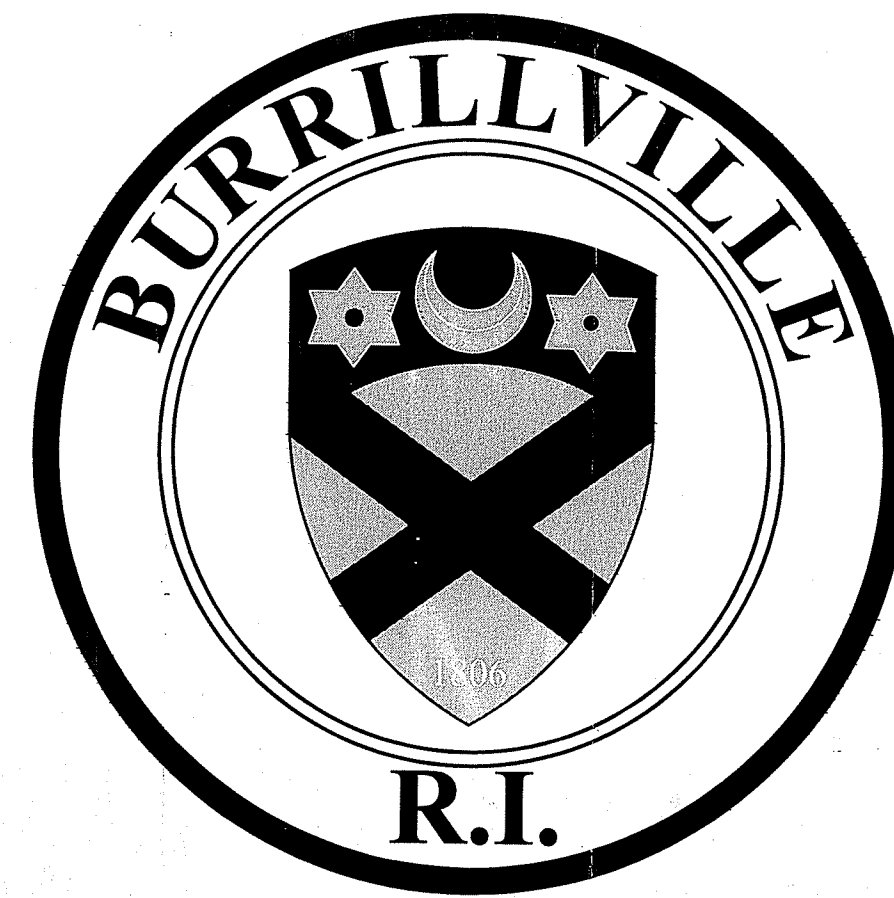


SITE IMPROVEMENT PLANS AND DETAILS FOR THE BURRILLVILLE MIDDLE SCHOOL PARKING LOT EXPANSION

2220 BRONCOS HIGHWAY



BURRILLVILLE, RHODE ISLAND

MICHAEL C. WOOD, TOWN MANAGER

JEFFREY M. McCORMICK, P.E., DIRECTOR OF PUBLIC WORKS

ISSUED FOR PERMIT - SEPTEMBER 2020

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 20-0212
DATED March 15, 2021
SEE LETTER OF SAME DATE.

Donley J. Freeman

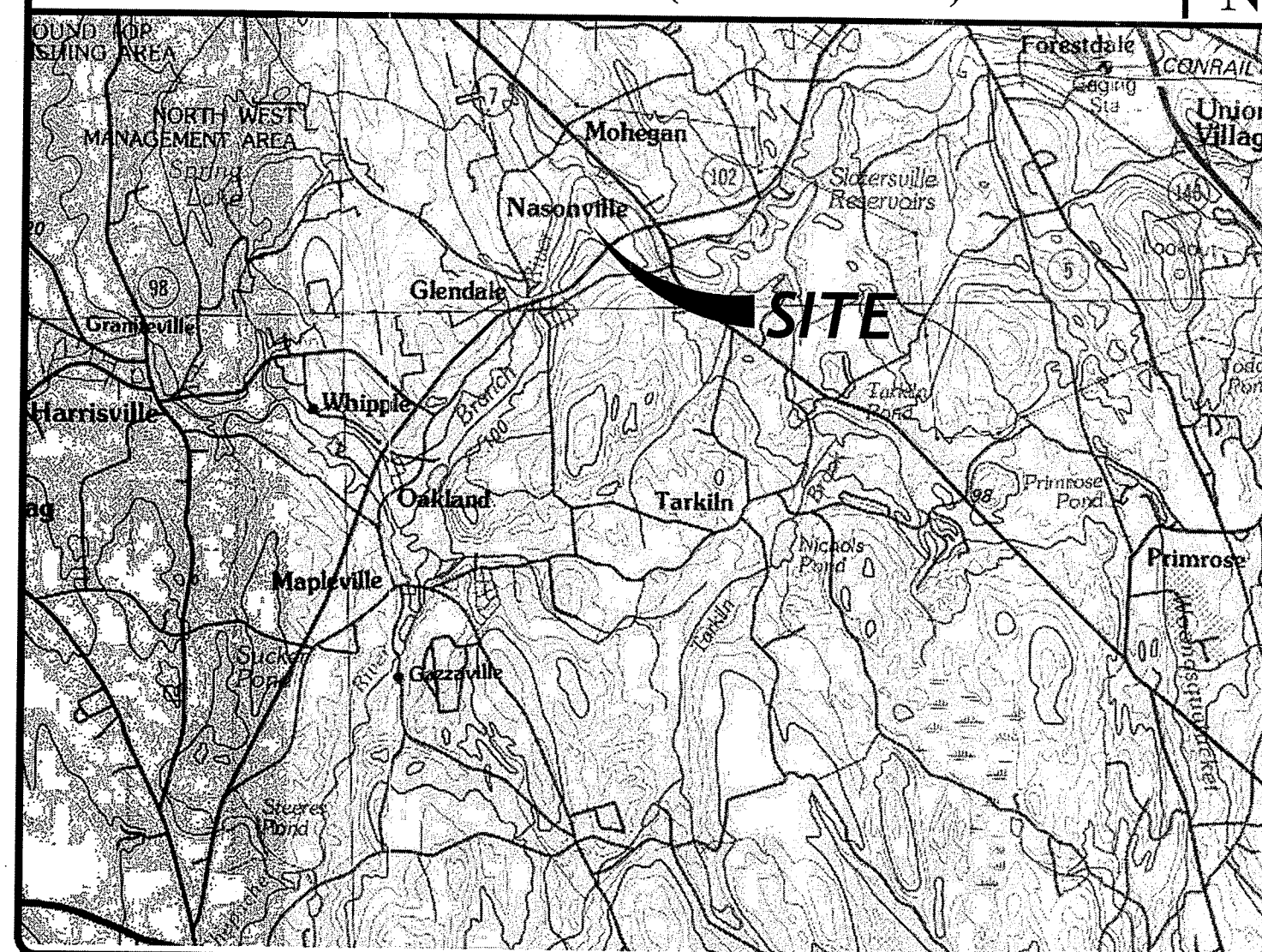
PROJECT TEAM

OWNER:
TOWN OF BURRILLVILLE
ATTN: JEFF M. McCORMICK, P.E., DPW DIRECTOR
105 HARRISVILLE MAIN STREET
BURRILLVILLE, RI 02830
PHONE: 401-568-4440
FAX: 401-568-9469

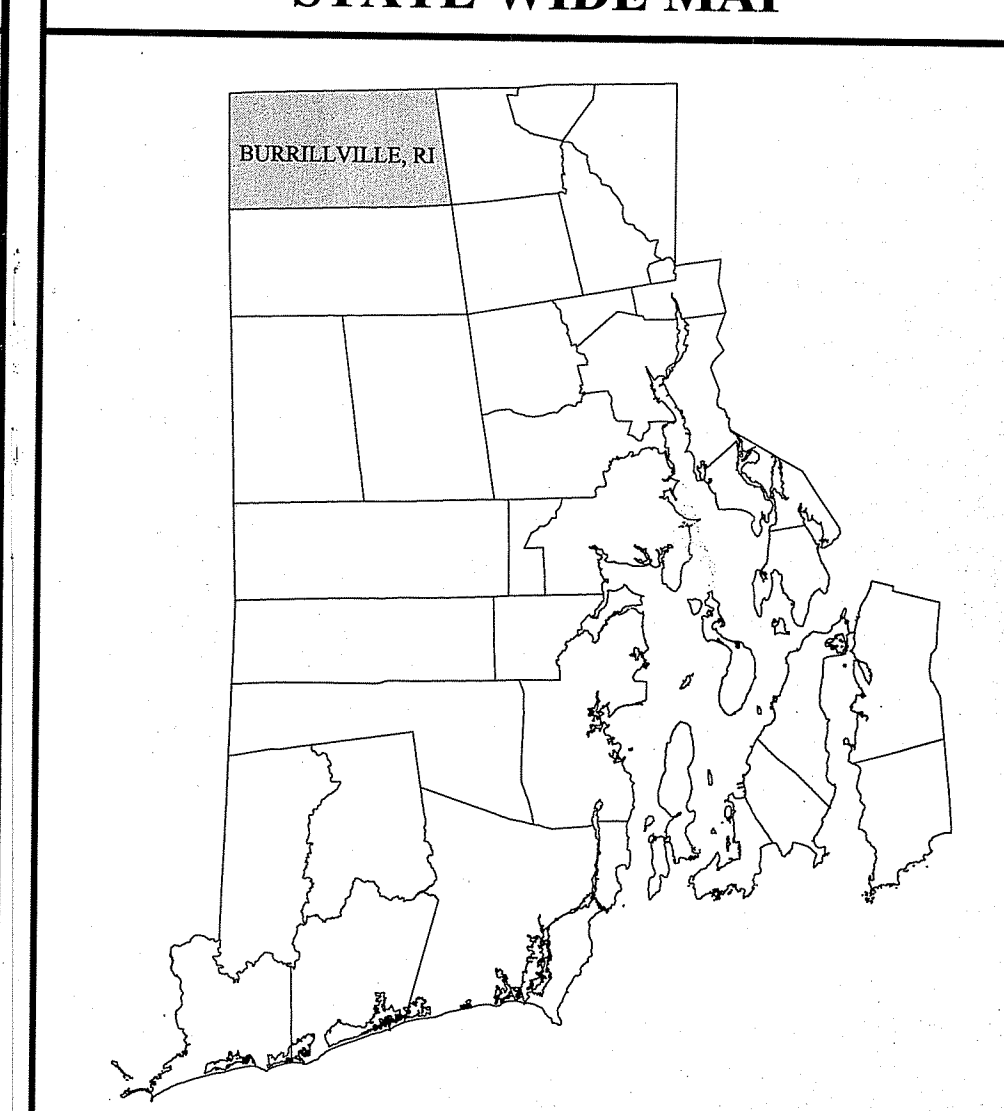
CIVIL ENGINEER:
JOE CASALI ENGINEERING, INC.
300 POST ROAD
WARWICK, RI 02888
PHONE: 401-944-1300
FAX: 401-944-1313

WETLAND BIOLOGIST:
NATURAL RESOURCE SERVICES, INC.
180 TINKHAM LANE
HARRISVILLE, RI 02830
PHONE: 401-568-7390

LOCUS MAP (NOT TO SCALE)



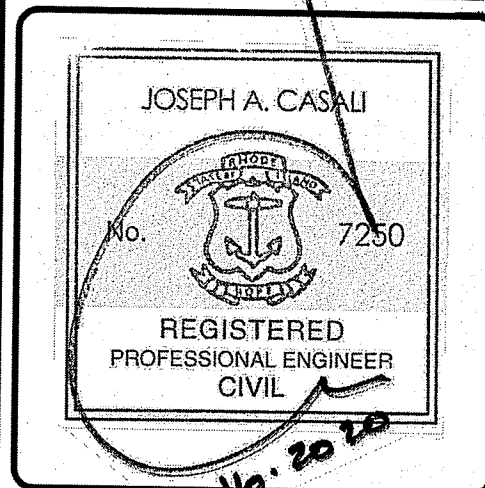
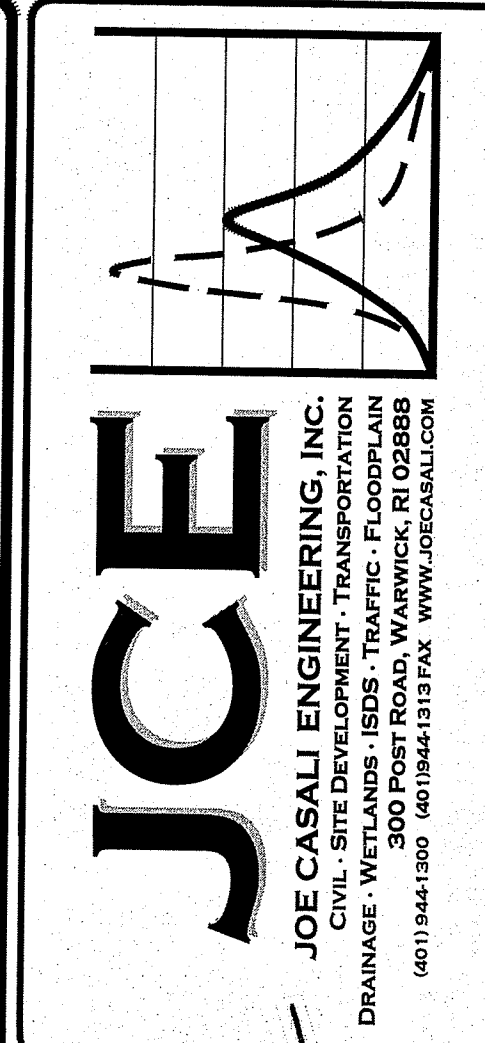
STATE WIDE MAP



INDEX OF DRAWINGS

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| 2 | GENERAL NOTES & LEGEND |
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| 4 | SITE, GRADING AND DRAINAGE PLAN |
| 5 | RI STANDARD DETAILS |
| 6 | SITE DETAILS |

Environmental Management
DEC 18 2020
Office of Water Resources



**BURRILLVILLE MIDDLE SCHOOL
PARKING LOT EXPANSION
2220 BRONCOS HIGHWAY
BURRILLVILLE, RHODE ISLAND
AP 113, LOTS 3 & 4**



REVISIONS:

| NO. | DATE | DESCRIPTION |
|-----|---------|-------------|
| 1 | 12/2020 | RIDEM RTC |

DESIGNED BY: DRD
DRAWN BY: SD/SEP
CHECKED BY: JAC
DATE: SEPT. 2020
PROJECT NO.: 05-92bt

ISSUED FOR PERMIT

COVER SHEET

SHEET 1 OF 6

Q:\05-92 Town of Burrillville\05-92bt MS Practice Files\ACAD\Burrillville Middle School [PERMIT SET] - RI.dwg Dec. 18, 2020 10:47am

GENERAL NOTES:

- PROPERTY LINE OBTAINED FROM TOWN OF BURRILLVILLE GEOGRAPHIC INFORMATION SYSTEM DATABASE. EXISTING CONDITIONS AND TOPOGRAPHIC SURVEY COMPLETED IN JULY 2020 BY JOE CASALI ENGINEERING, INC. OF WARWICK, RI.
- THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR CITY WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.

SITE NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) OF ALL MATERIALS INDICATED ON THE PLANS AT NO ADDITIONAL COST TO THE TOWN.
- STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED ADJACENT TO DRAINAGE STRUCTURES.
- ALL DISTURBED AREAS OUTSIDE OF THE PAVED AREAS WILL RECEIVE A MINIMUM OF 6" OF LOAM AND SEED.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SURVEY LAYOUT SERVICES FOR THE WORK AND SHALL SUBMIT "AS-BUILT" DRAWINGS OF ALL WORK, WHICH SHALL BE STAMPED AND CERTIFIED BY A RHODE ISLAND REGISTERED PROFESSIONAL LAND SURVEYOR OR A RHODE ISLAND REGISTERED PROFESSIONAL ENGINEER.
- ANY ITEM OF WORK NOT SPECIFICALLY INDICATED ON THE PLANS BUT IS REQUIRED FOR THE COMPLETE CONSTRUCTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND INCLUDED IN THE CONTRACT BID PRICE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING SITE CONDITIONS.
- WHERE NECESSARY TO REMOVE CURBS, CATCH BASINS OR DRAINS TO COMPLETE WORK, THE CONTRACTOR SHALL REPLACE SUCH ITEMS TO THE SATISFACTION OF THE TOWN AT NO ADDITIONAL COST TO THE OWNER.
- ANY EXISTING PIPE OR UTILITY DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE OWNER OR TOWN.
- THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION OR REPLACE TREES, SHRUBS, FENCES, SIGNS, GUARDRAILS, DRIVEWAYS, SIDEWALKS AND ANY OTHER OBJECT AFFECTED BY THIS OPERATION.
- THE TOPS OF ALL VALVE BOXES AND CURB BOXES SHALL BE FLUSH WITH GROUND OR PAVEMENT SURFACE LEVEL AND PLUMB, UNLESS OTHERWISE DIRECTED.
- ROADWAYS SHALL BE LEFT PASSABLE AT ALL TIMES. CLOSURE OF ROADWAY IS NOT PERMITTED. REFER TO TRAFFIC MANAGEMENT PLANS.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL DRIVEWAYS AT COMPLETION OF EACH DAYS WORK.
- WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- ALL LEDGE TO BE REMOVED BY MECHANICAL MEANS.
- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL PROVIDE, OPERATE AND MAINTAIN ALL PUMPS, DRAINS, WET POINTS, SCREENS, OR OTHER FACILITIES NECESSARY TO CONTROL, COLLECT AND DISPOSE OF ALL SURFACE AND SUBSURFACE WATER ENCOUNTERED IN THE PERFORMANCE OF THE WORK.
- ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, CURBING, SIDEWALK, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2004 EDITION (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, 1998 EDITION (WITH LATEST ADDENDA).

MISCELLANEOUS UTILITY NOTES:

- PRIOR TO CONSTRUCTION ALL POTENTIAL UTILITY/DRAINAGE CONFLICTS MUST BE IDENTIFIED BY THE CONTRACTOR. ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- THE UTILITY PLAN DOES NOT DEPICT THE NECESSARY ELECTRICAL CONDUIT/WIRING TO SERVICE THE PROPOSED LIGHTING, WHICH WILL BE PERFORMED BY THE CONTRACTOR FOR NO ADDITIONAL COST.
- OVERHEAD ELECTRIC AND TELEPHONE SERVICES ARE TO BE REMOVED BY THE APPROPRIATE UTILITY COMPANY AND COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE A SUFFICIENT NUMBER OF WORKMEN AND GUARDS AS MAY BE NECESSARY TO PROPERLY SAFEGUARD THE PUBLIC FROM THEIR OPERATIONS.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGING OF PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES AND SHALL PROMPTLY REPAIR AT HIS OWN EXPENSE ANY DAMAGE TO SUCH PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES TO THE SATISFACTION OF THE OWNER OR TOWN.
- EXISTING UTILITY FRAMES AND COVERS FOR SANITARY SEWER, WATER, GAS, STORM DRAINAGE AND OTHER UTILITIES SHALL BE ADJUSTED TO GRADE AS REQUIRED IN NEW PAVING AND PAVEMENT OVERLAY AREAS.

LAYOUT NOTE:

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO THE CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE OF RHODE ISLAND 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 ITEMS FOUND WHICH DO 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 BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DIVIDES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS CHANNELING DEVICES, ETC. SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 1988 EDITION, INCLUDING REVISION 3, SEPTEMBER 3, 1993 AND SUBSEQUENT ADDENDA.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE RIDOT SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

BMP MAINTENANCE SCHEDULE:

- ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL INCLUDE:
 - MEASURES NEEDED TO ENSURE THE PROPER OPERATION OF THE STORMWATER RUNOFF (DRAINAGE) AND WATER QUALITY CONTROL SYSTEMS TO INCLUDE INSPECTION, CLEANING AND REPAIRS ALL PIPES, INTAKE AND DISCHARGE STRUCTURES, CATCH BASIN SUMPS, AND MANHOLES.
 - INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES FOR STRUCTURAL INTEGRITY/STABILITY AND EVIDENCE OF SOIL EROSION PROCESSES, AND MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF 1/2 INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BI-MONTHLY IF NO RAINFALL EVENT OCCURS.
- UPON COMPLETION OF THE PROJECT CONSTRUCTION, AND PRIOR TO VACATING THE SITE, THE CONTRACTOR SHALL CONDUCT A FINAL INSPECTION AND CLEANING OF THE DRAINAGE SYSTEM AND ALL ASSOCIATED STRUCTURES.
- AFTER THE COMPLETION OF THE ENTIRE PROJECT TO THE SATISFACTION OF THE OWNER OR ENGINEER, ALL MAINTENANCE OF THE DRAINAGE SYSTEM SHALL THEN BE THE RESPONSIBILITY OF THE TOWN OR THEIR APPROVED AGENTS.
- AFTER CONSTRUCTION, STORMWATER BMPs SHALL BE INSPECTED AND MAINTAINED BY THE OWNER AS FOLLOWS:
 - SEDIMENT FOREBAY**
 - AFTER CONSTRUCTION, THE SEDIMENT FOREBAY SHALL BE INSPECTED AND CLEANED WHEN SEDIMENT BUILD UP IS IN EXCESS OF 6" IN DEPTH.
 - INFILTRATION BASIN:**
 - DURING THE SIX MONTHS IMMEDIATELY AFTER CONSTRUCTION, THE INFILTRATION BASIN SHALL BE INSPECTED AFTER THE FIRST TWO RAINFALL EVENTS OF AT LEAST 1.0 INCH TO ENSURE THE SYSTEM IS FUNCTIONING PROPERLY. THEREAFTER, INSPECTIONS SHALL BE CONDUCTED ON AN ANNUAL BASIS AND AFTER STORM EVENTS GREATER THAN OR EQUAL TO 2 INCHES.
 - SILT AND SEDIMENT SHALL BE REMOVED FROM THE BASIN BED WHEN THE ACCUMULATION EXCEEDS SIX INCHES. WHEN THE INFILTRATION CAPACITY OF THE BASIN DIMINISHES SUBSTANTIALLY (I.E. WHEN WATER PONDS ON THE SURFACE OF THE FILTER BED FOR MORE THAN 48 HOURS), THE TOP FEW INCHES OF DISCOLORED SOIL SHALL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER AT AN APPROVED AND PERMITTED LOCATION.

DRAINAGE SYSTEM NOTES:

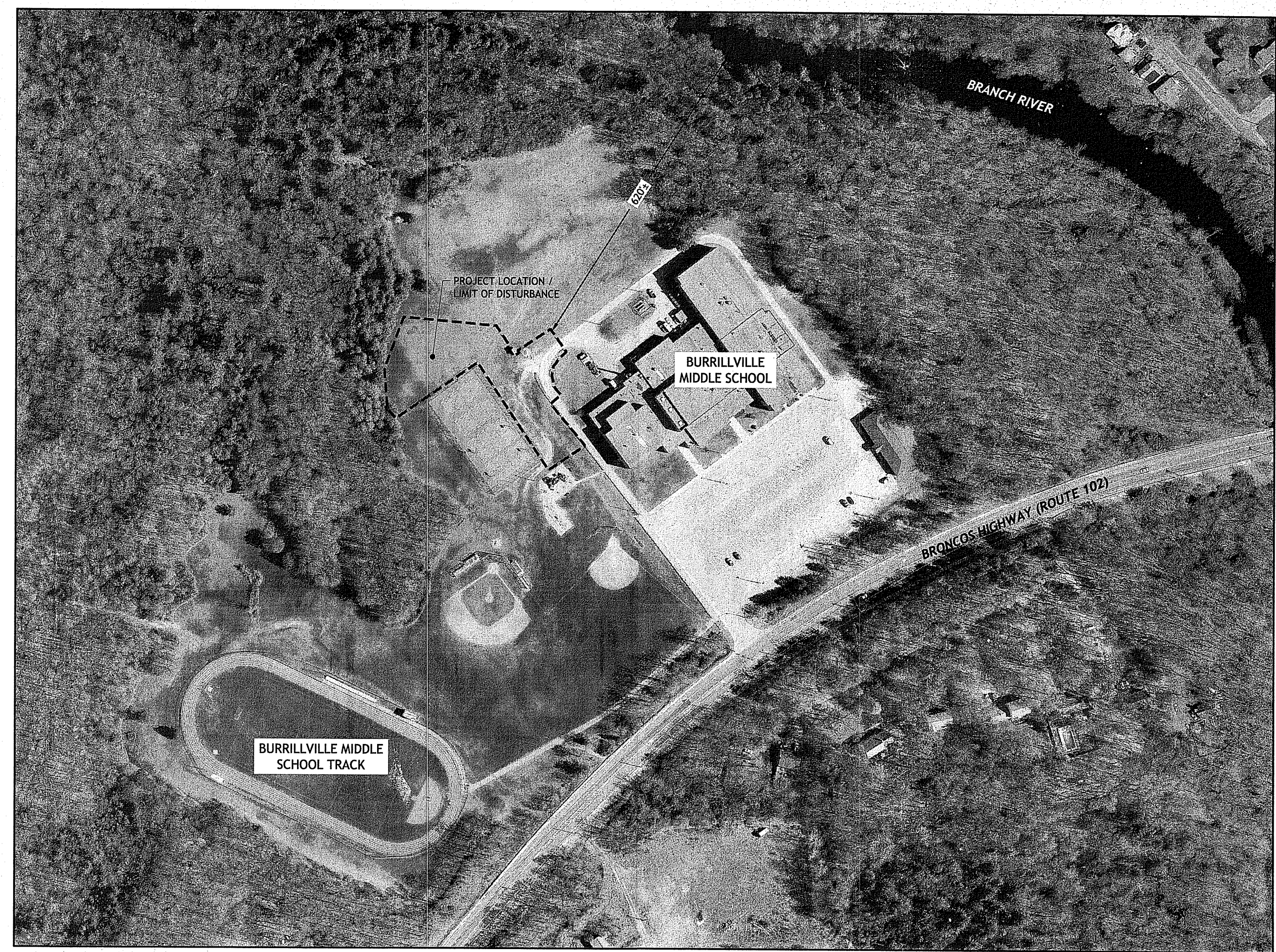
- ALL RIM ELEVATIONS SHOWN ARE APPROXIMATE AND ARE TO BE SET FLUSH WITH FINAL GRADES.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

- THE SILT FENCE LINE ILLUSTRATED ON THESE PLANS SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT WITHIN OR ADJACENT TO REGULATED FRESHWATER WETLAND AREAS.
- THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.
- ALL CATCH BASINS AND CULVERTS SHALL BE PROTECTED WITH STAKED HAYBALES (R.I. STD. 9.8.0) DURING CONSTRUCTION ACTIVITIES. ALL PROPOSED STORM WATER DISCHARGE AREAS SHALL BE LINED WITH A RIPRAP SPLASH PAD AND PROTECTED WITH STAKED HAYBALE WITH SILT FENCE (R.I. STD. 9.3.0) AND STAKED HAYBALE WITH SILT FENCE SHALL ALSO BE INSTALLED AT ALL EXISTING STORMWATER DISCHARGE LOCATIONS WHERE DISTRIBUTING PIPES, CATCH BASINS, AND MANHOLES ARE TO BE CLEANED AND FLUSHED.
- ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDED AREAS TO ENSURE THAT A GOOD STAND IS MAINTAINED.
- ALL SILT FENCE, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
- STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.
- THE SILT FENCE SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY SILT FENCE AS NEEDED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.
- ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", UPDATED 2016.

LEGEND

| | | | |
|------|------------------------|-----|----------------------|
| --- | EXISTING PROPERTY LINE | --- | CATCH BASIN |
| --- | PROPOSED PROPERTY LINE | ○ | UTILITY POLE |
| --- | ABUTTING PROPERTY LINE | --- | OVERHEAD WIRES |
| --- | BUILDING SETBACK LINE | --- | UNDERGROUND ELECTRIC |
| --- | WETLAND EDGE | --- | VERIZON LINE |
| △ WF | WETLAND FLAG | --- | WATER LINE |
| --- | 50' PERIMETER WETLAND | --- | WATER SHUT OFF VALVE |
| --- | 100' RIVERBANK WETLAND | ○ | WELL |
| --- | 200' RIVERBANK WETLAND | ○ | SEWER |
| --- | 100' EXISTING CONTOUR | ○ | SMH |
| --- | PROPOSED CONTOUR | --- | N/F |
| --- | IRON PIN | --- | NOW OR FORMERLY |
| --- | DRILL HOLE | --- | EXISTING TREE LINE |
| --- | CONCRETE BOUND | --- | SILT FENCE |
| --- | EXISTING CURB | --- | LIMIT OF DISTURBANCE |
| --- | GUARD RAIL | + | TP |
| --- | DRAIN LINE | + | SOIL EVALUATION |
| ○ | DRAINAGE MANHOLE | R&R | REMOVE & RESET |
| | | R&D | REMOVE & DISPOSE |
| | | R&S | REMOVE & STOCKPILE |

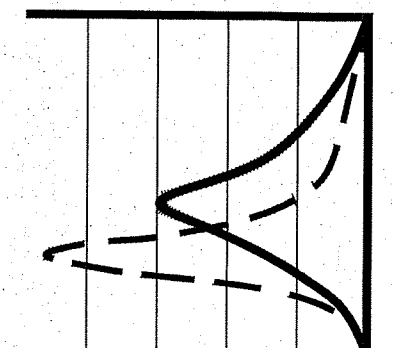


BURRILLVILLE MIDDLE SCHOOL LOCATION MAP
NOT TO SCALE

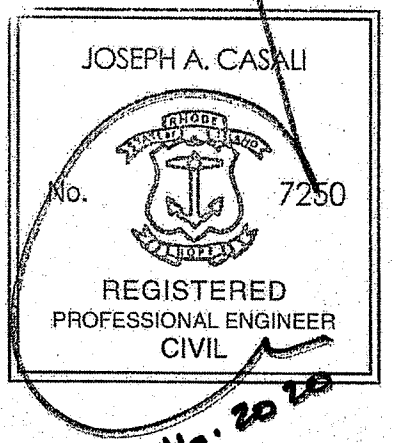
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Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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SEE LETTER OF SAME DATE.

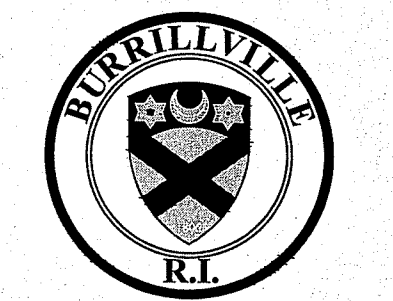
Nancy L. Freeman



JCE
JOE CASALI ENGINEERING, INC.
CIVIL - SITE DEVELOPMENT, ETC.
DRAINAGE - WETLANDS - ISDS - TRAFFIC - FLOODPLAIN
300 POST ROAD, WARWICK, RI 02888
(401)944-1300 (401)944-1313 FAX WWW.JOECASALI.COM



**BURRILLVILLE MIDDLE SCHOOL
PARKING LOT EXPANSION
2220 BRONCOS HIGHWAY
BURRILLVILLE, RHODE ISLAND
AP 113, LOTS 3 & 4**



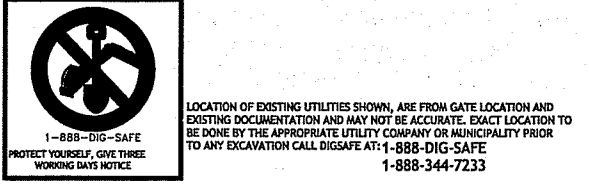
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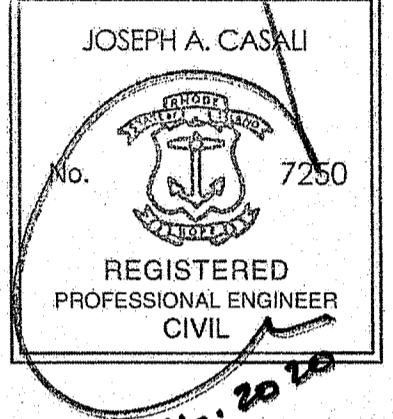
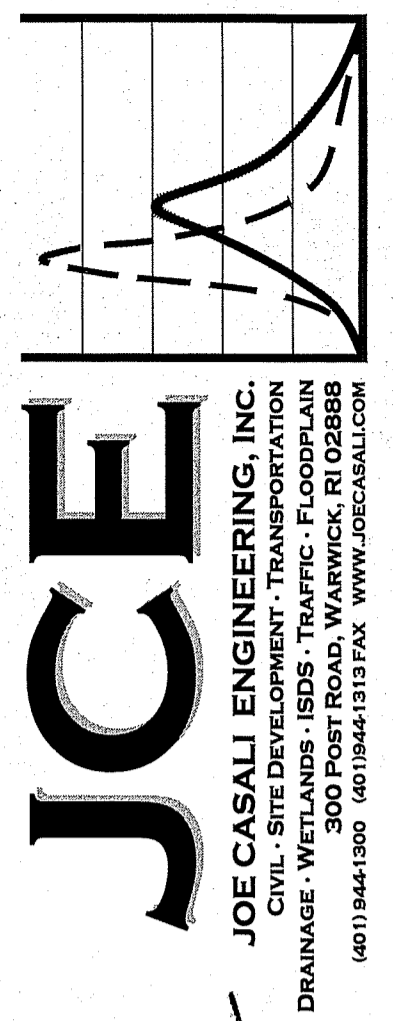
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| DESIGNED BY: | DRD |
| DRAWN BY: | SD/SEP |
| CHECKED BY: | JAC |
| DATE: | SEPT. 2020 |
| PROJECT NO.: | 05-92ht |

ISSUED FOR PERMIT

GENERAL NOTES AND LEGEND

SHEET 2 OF 6





**BURRILLVILLE MIDDLE SCHOOL
PARKING LOT EXPANSION
2220 BRONCOS HIGHWAY
BURRILLVILLE, RHODE ISLAND
AP 113, LOTS 3 & 4**



| NO. | DATE | DESCRIPTION |
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DESIGNED BY: DRD
 DRAWN BY: SD/SEP
 CHECKED BY: JAC
 DATE: SEPT 2020
 PROJECT NO: 05-92bt

ISSUED FOR PERMIT

**SITE,
GRADING AND
DRAINAGE
PLAN**

**SHEET
4 OF 6**

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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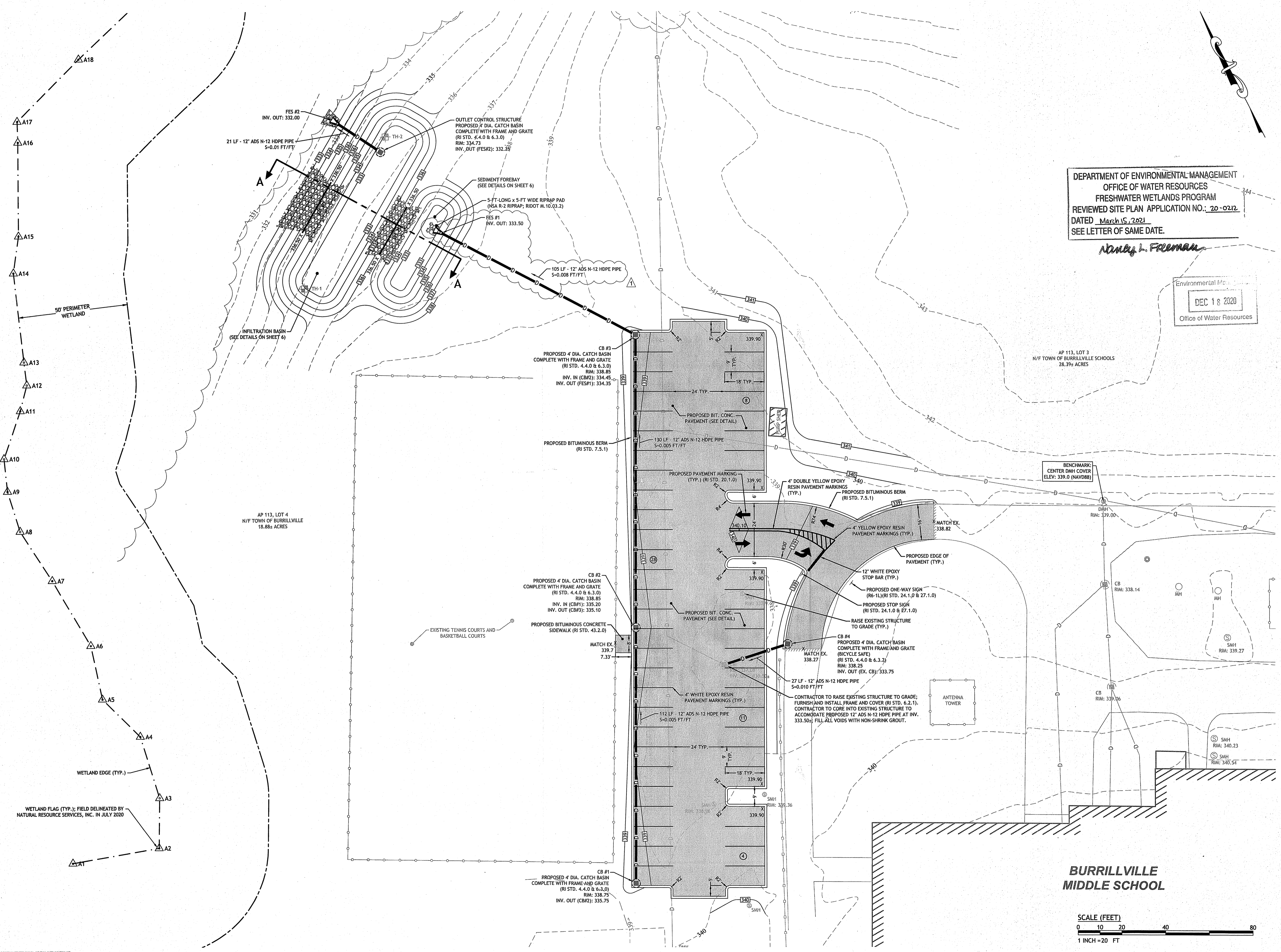
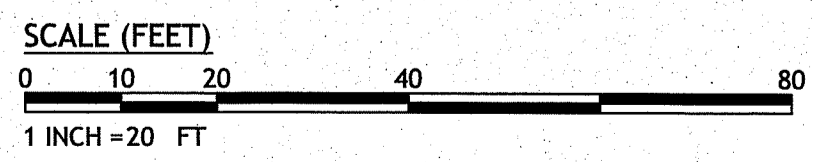
Nancy L. Freeman

Environmental Management
DEC 18 2020
 Office of Water Resources

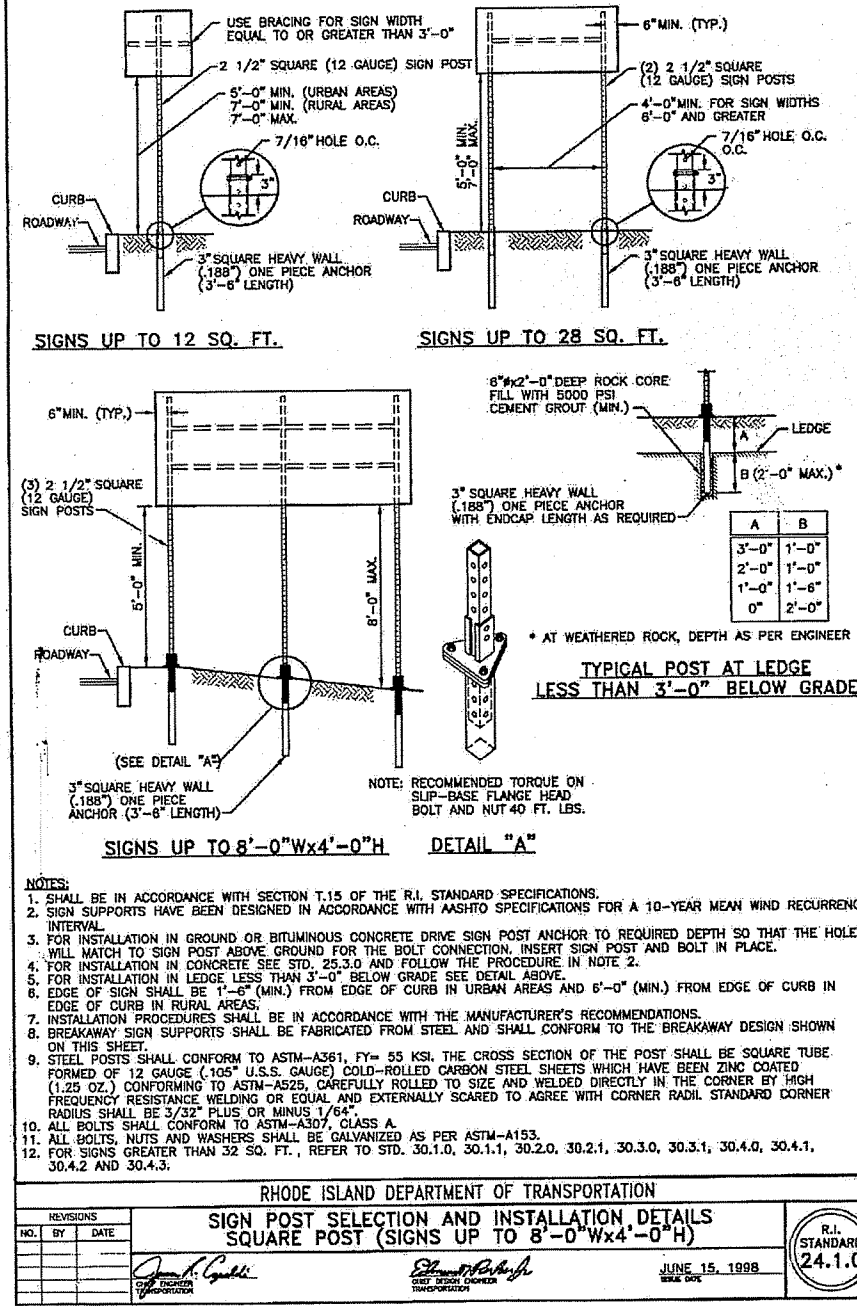
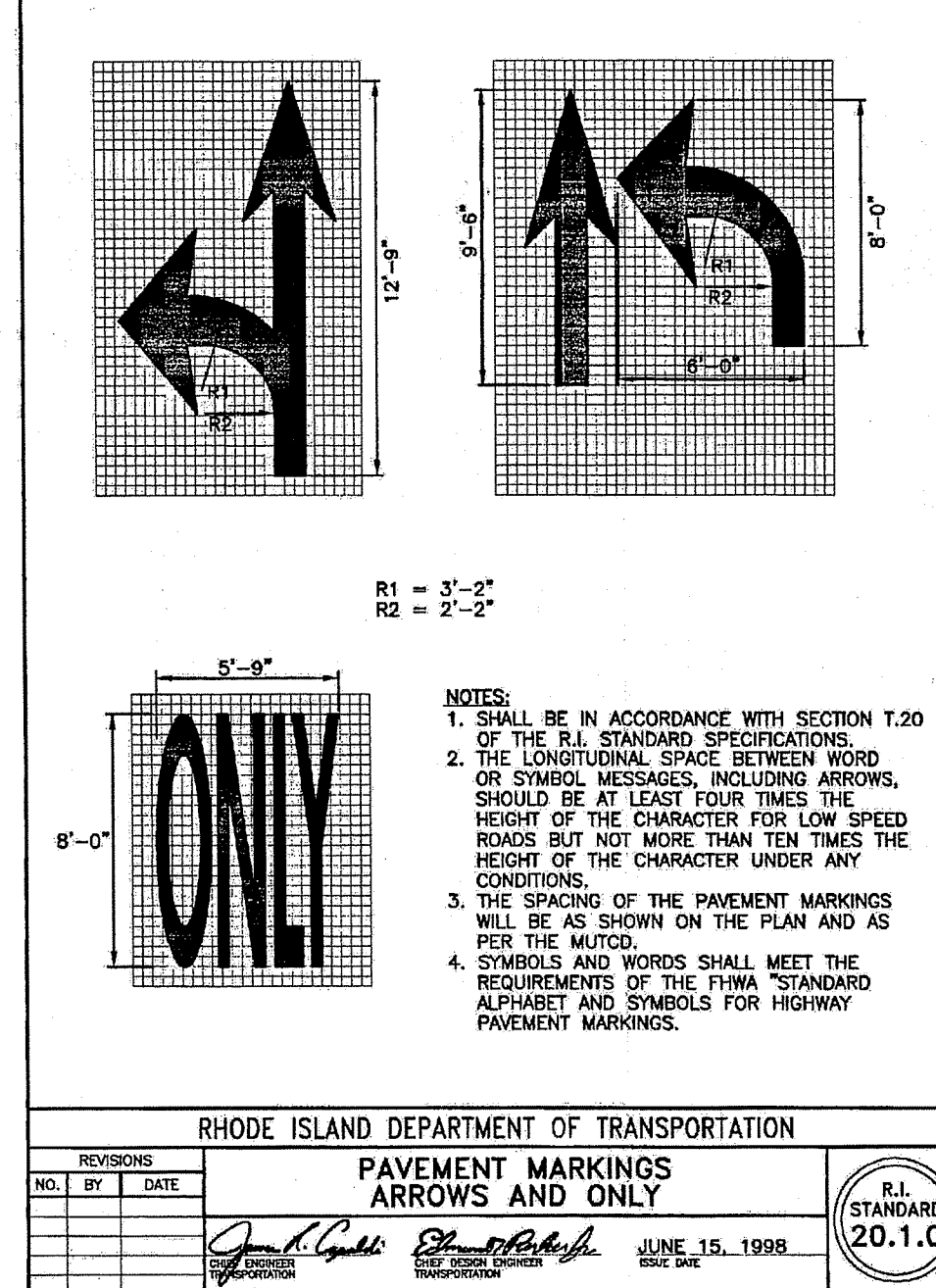
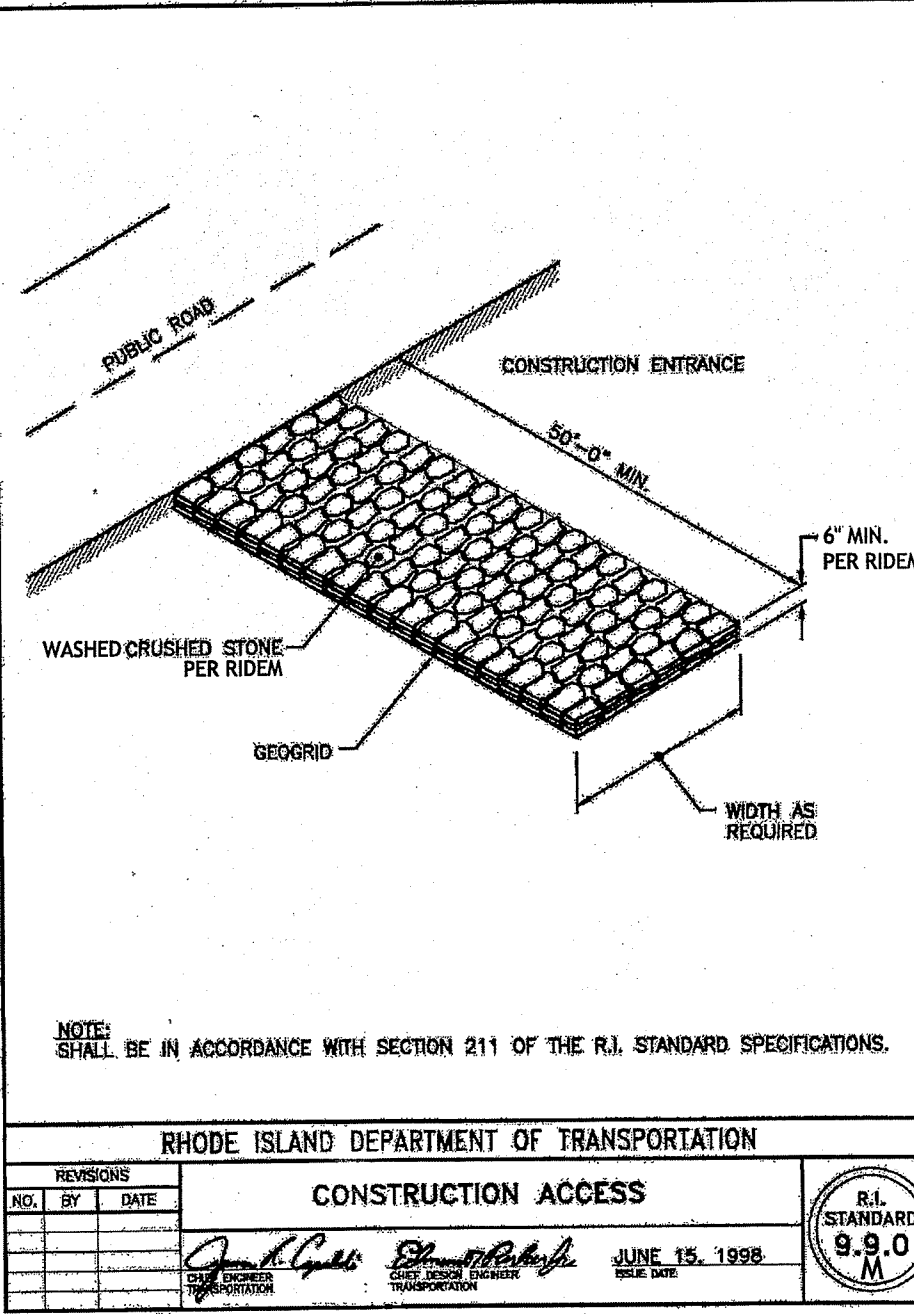
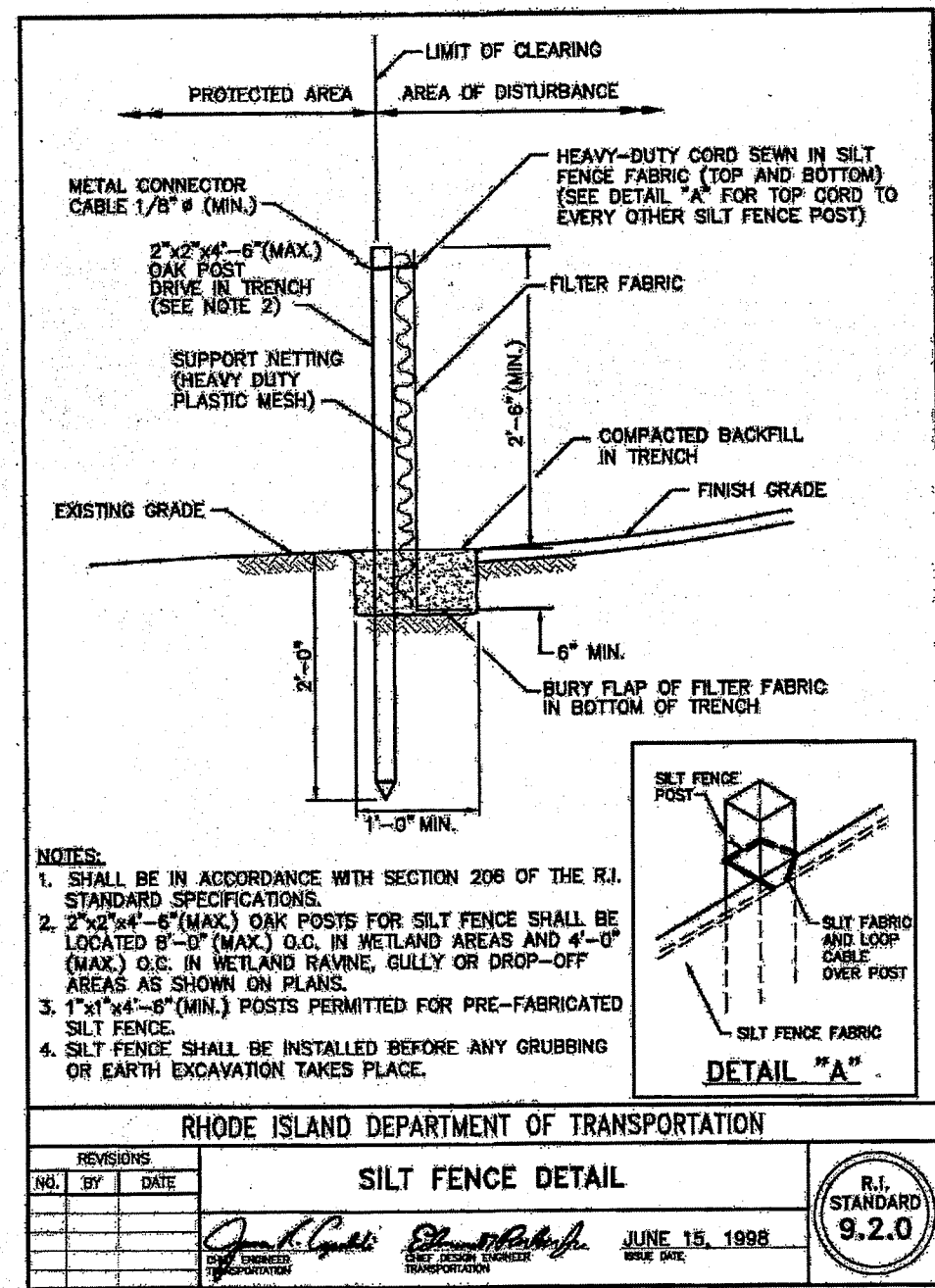
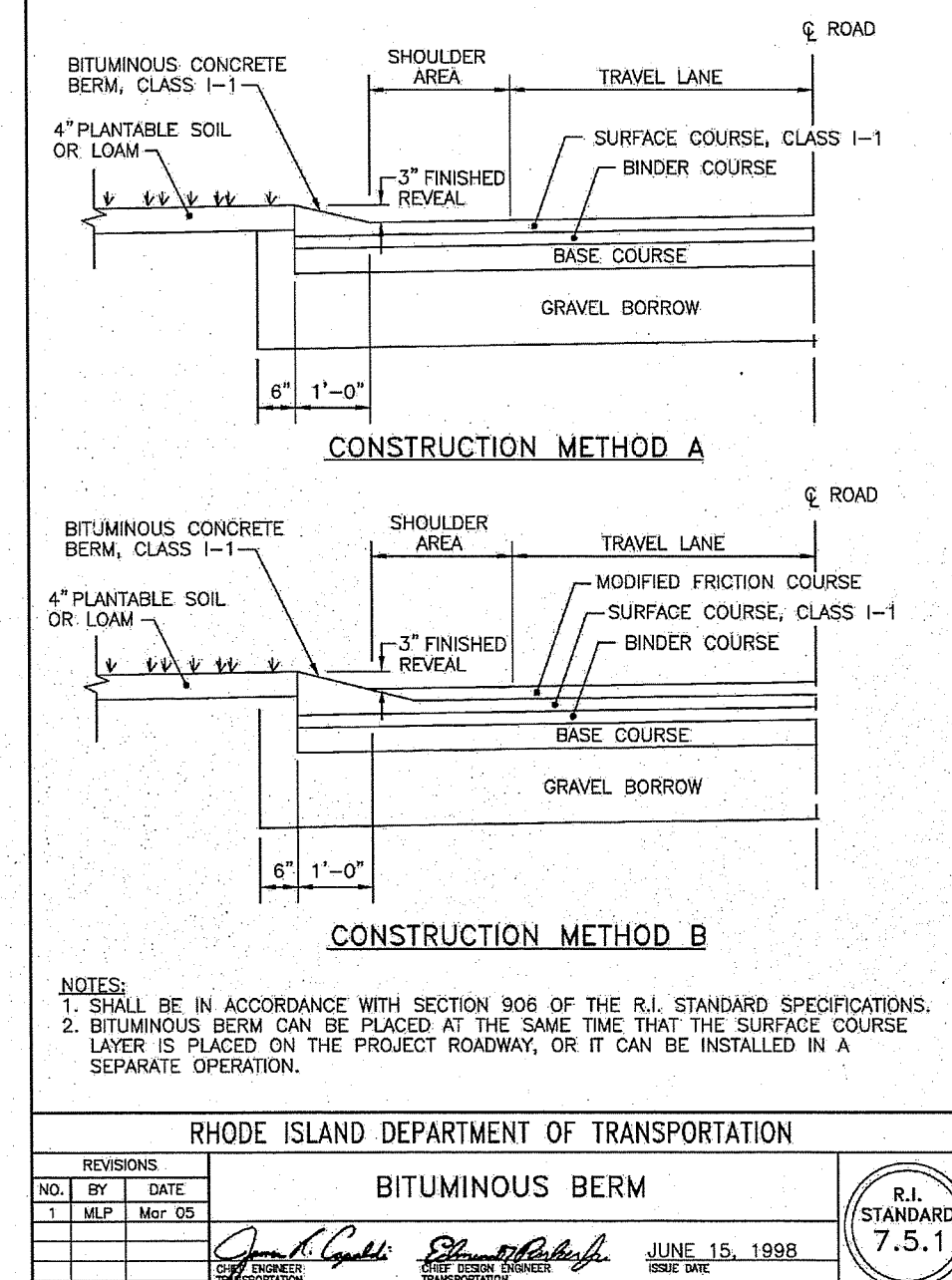
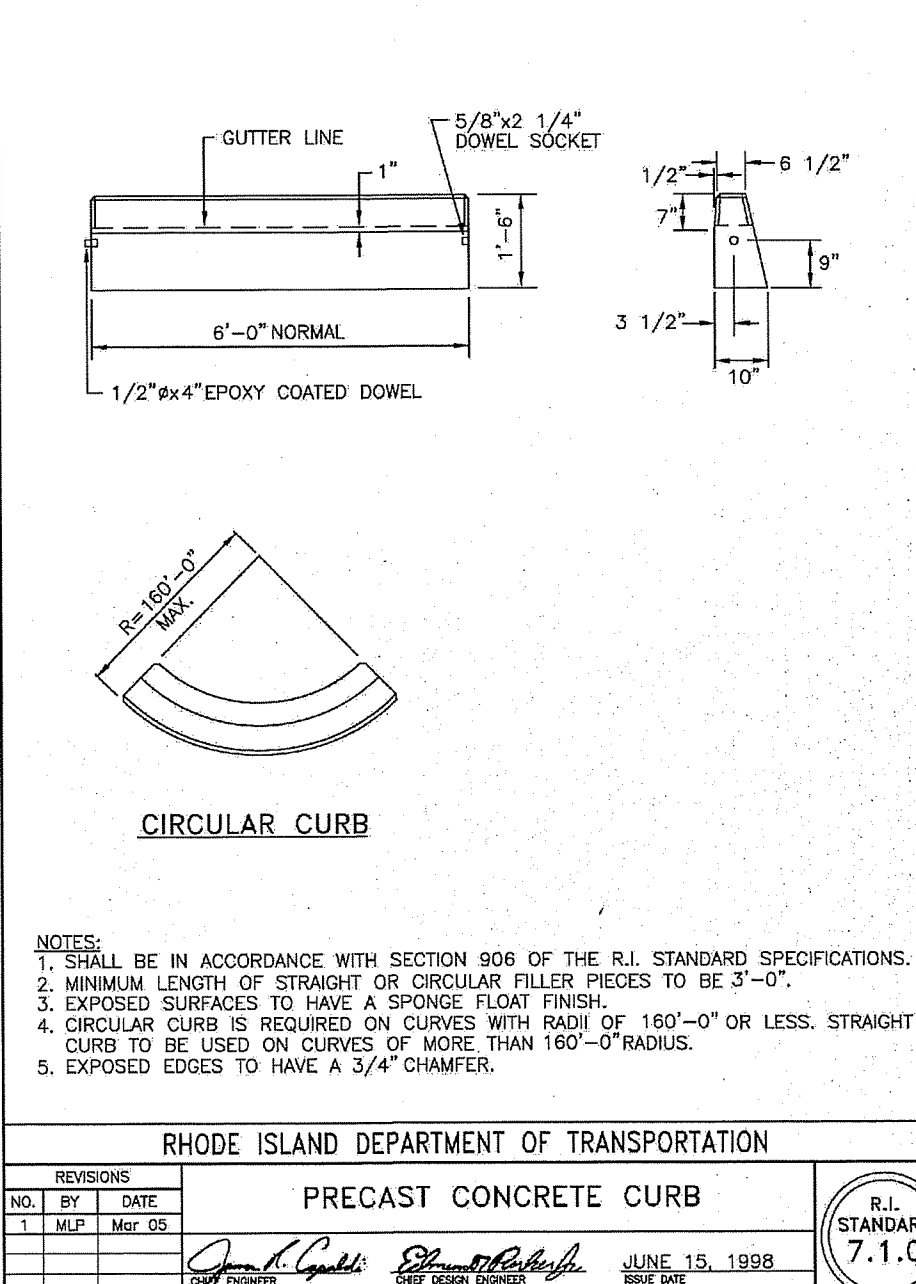
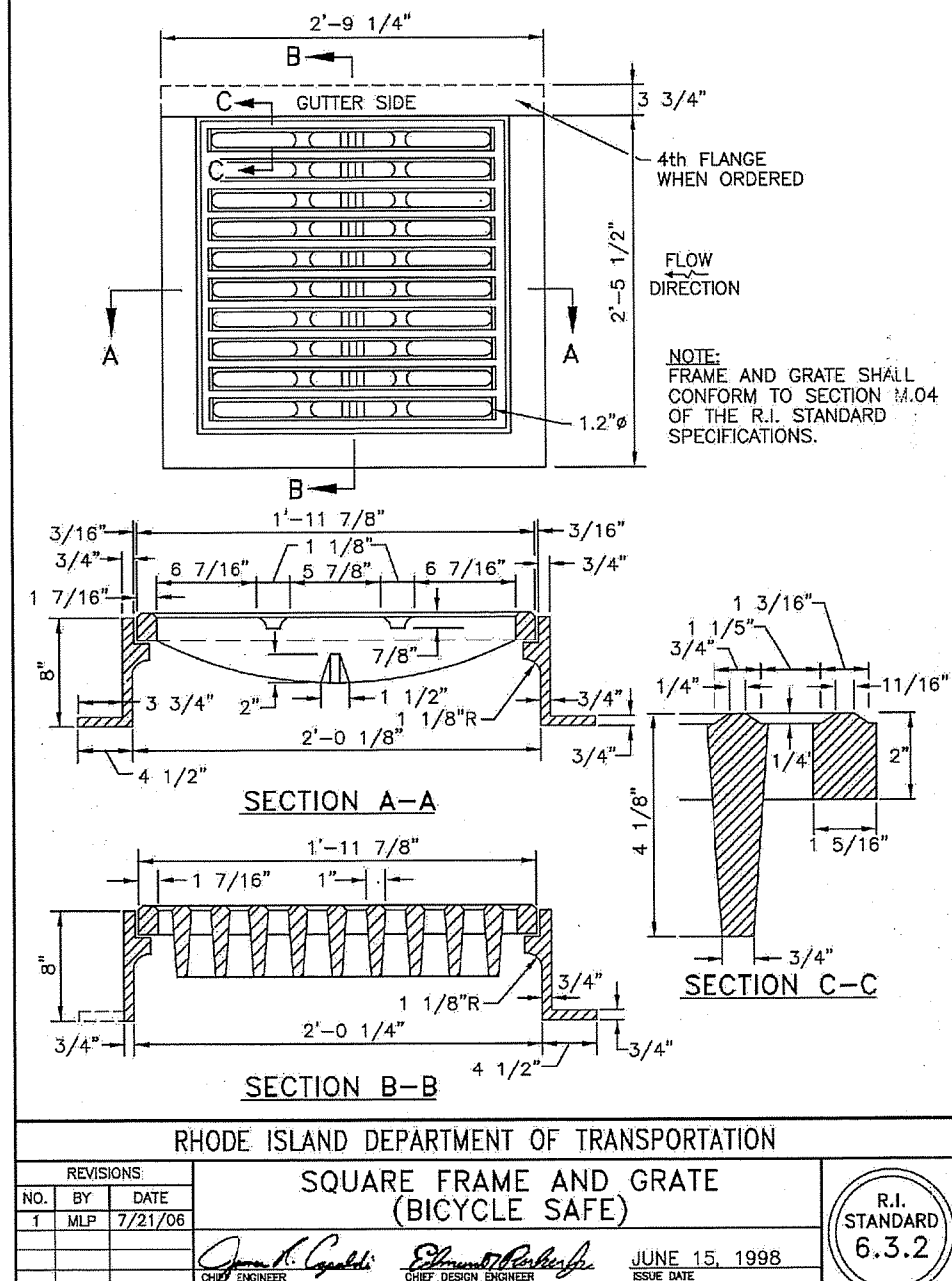
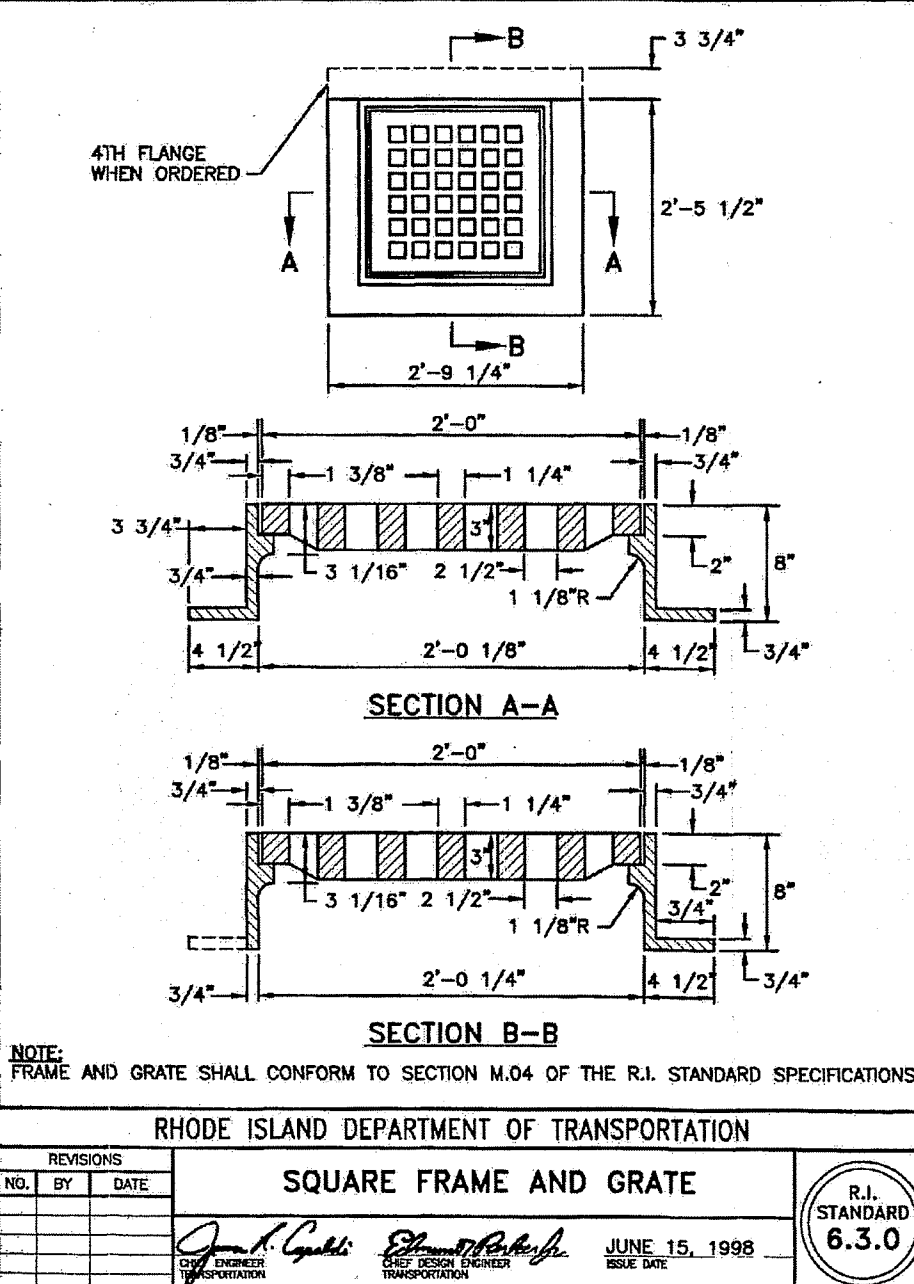
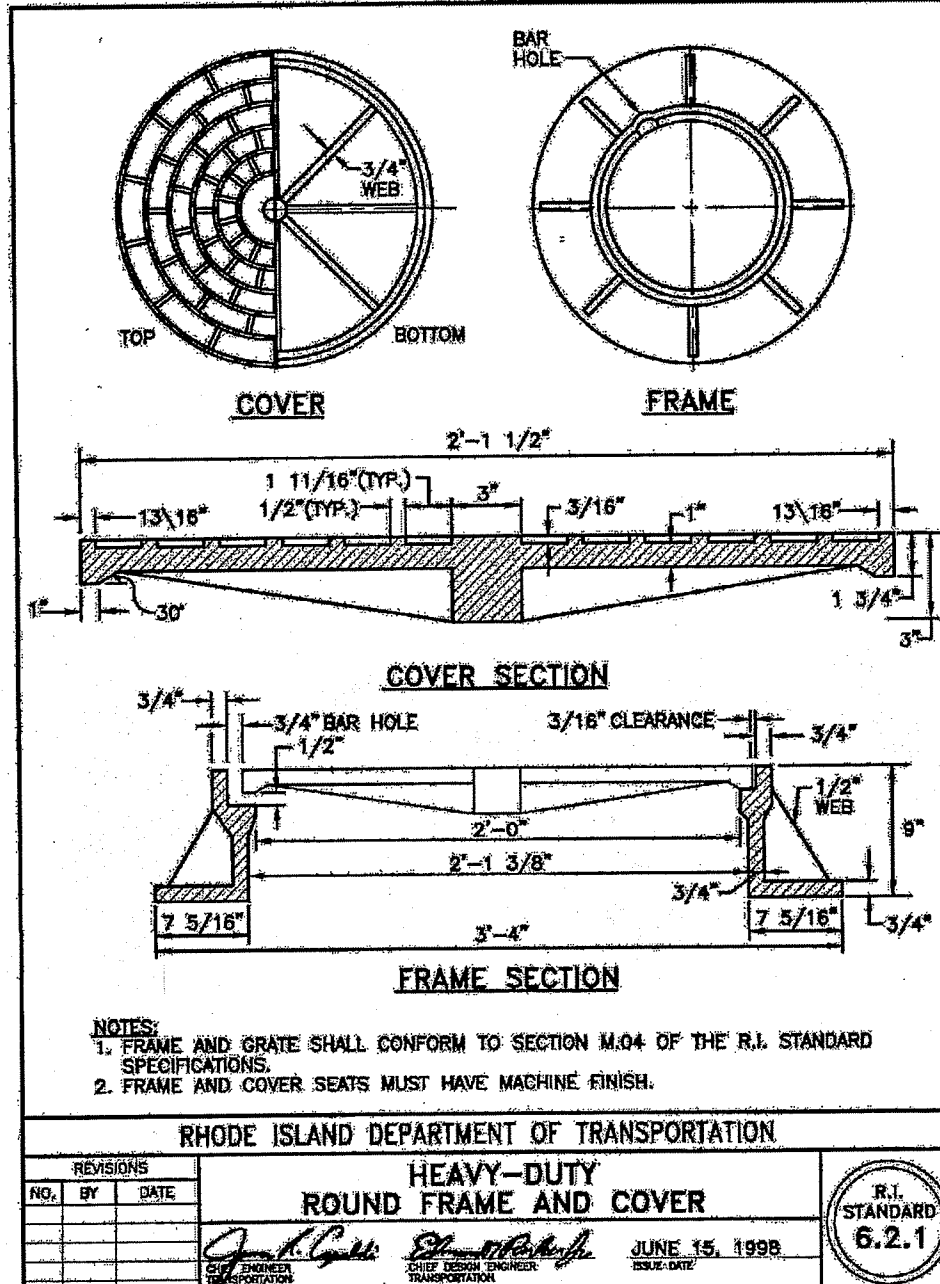
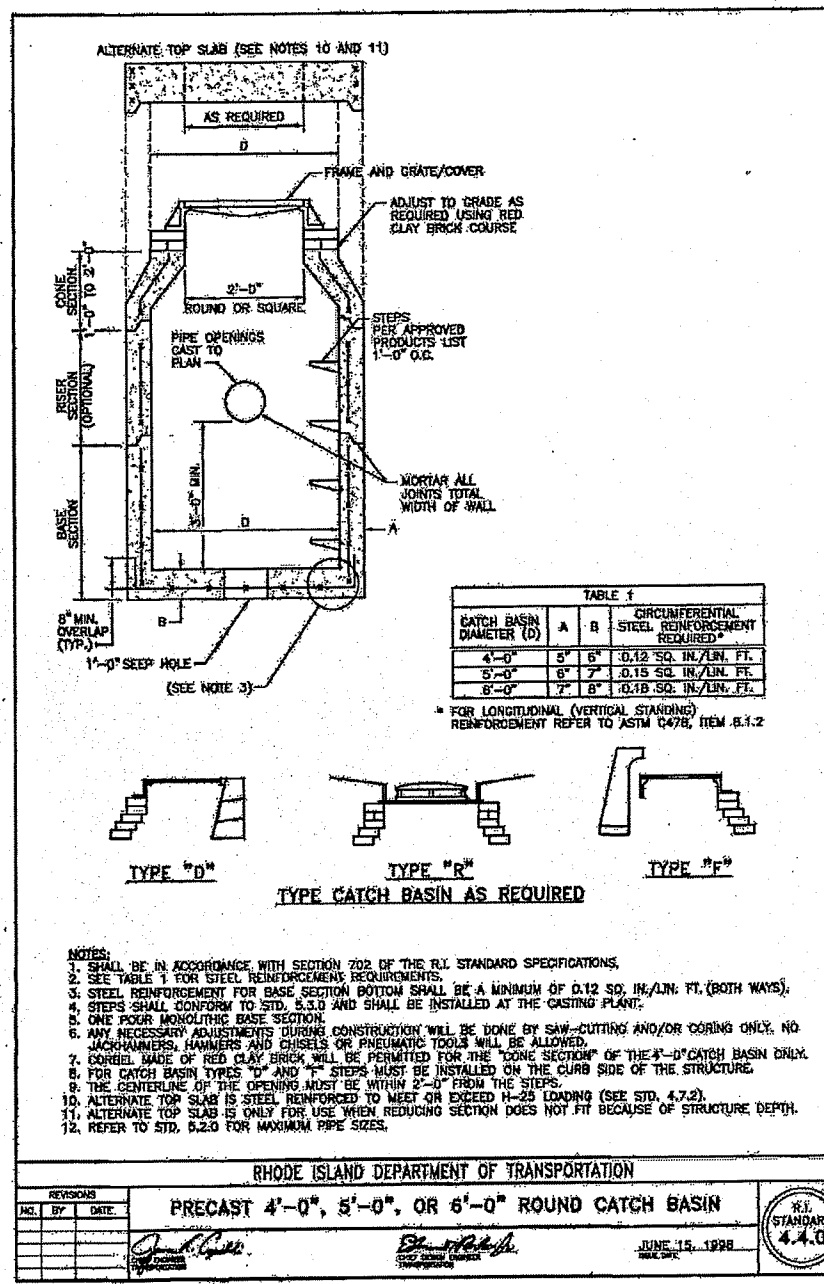
AP 113, LOT 3
 N/F TOWN OF BURRILLVILLE SCHOOLS
 28.39± ACRES

AP 113, LOT 4
 N/F TOWN OF BURRILLVILLE
 18.88± ACRES

**BURRILLVILLE
MIDDLE SCHOOL**



LOCATION OF EXISTING UTILITIES SHOWN, ARE FROM GATE LOCATIONS AND EXISTING RECORDS AND ARE NOT TO BE CONSIDERED AS GUARANTEED. CHECK LOCATIONS TO BE DONE BY THE APPROPRIATE UTILITY COMPANY OR MANUFACTURER FROM THE APPROPRIATE CALL BEFORE ANY WORK IS DONE.

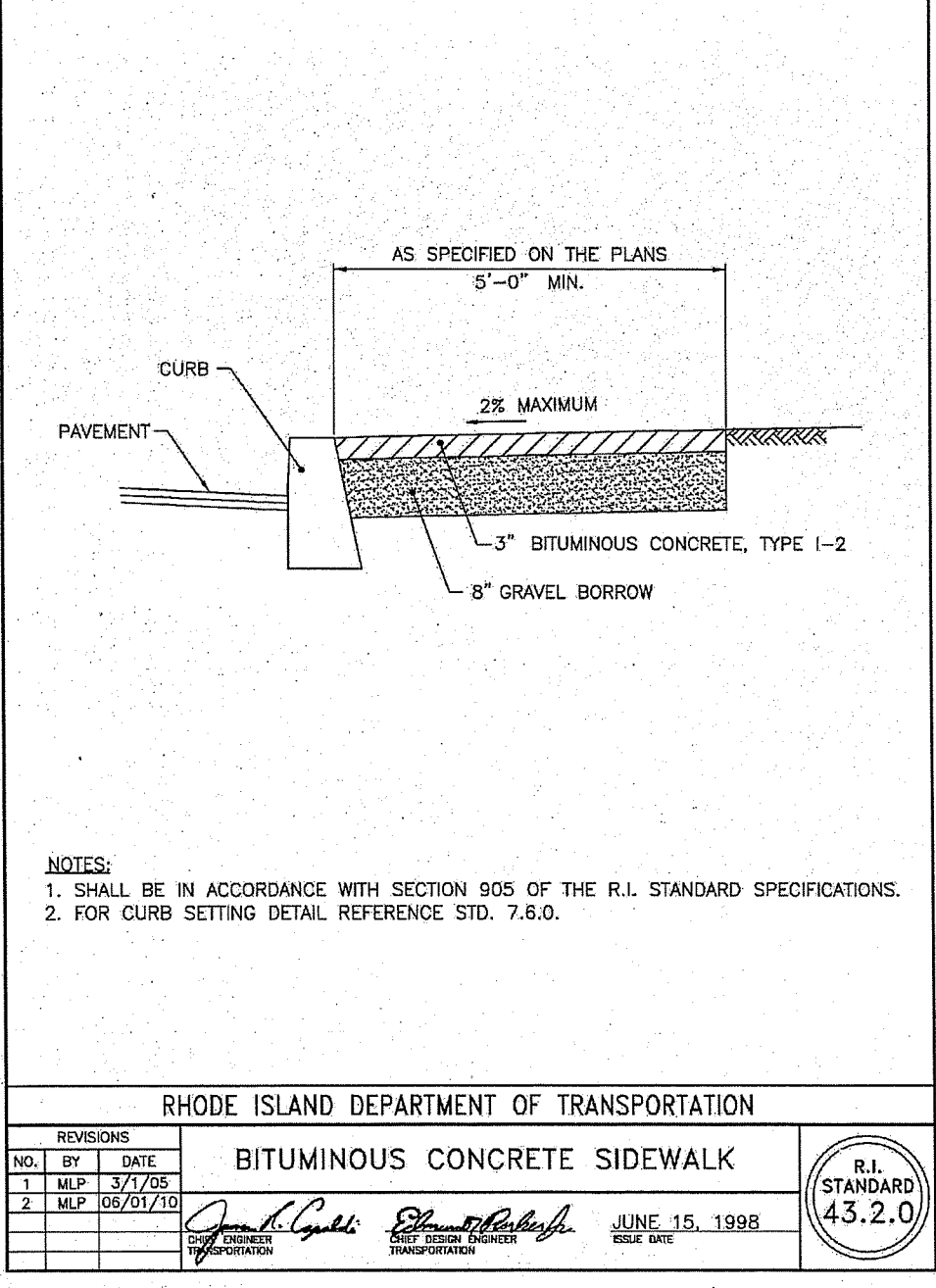


REGULATORY SIGNS

| LEGEND | STOP | NO TURN | DO NOT PASS | PASS WITH CARE | KEEP RIGHT | KEEP LEFT | ROAD CLOSED |
|---|---|---|---|---|---|---|---|
| Color: White background, black border and text. | Color: White background, black border and text. | Color: White background, black border and text. | Color: White background, black border and text. | Color: White background, black border and text. | Color: White background, black border and text. | Color: White background, black border and text. | Color: White background, black border and text. |
| Material: Cast concrete or aluminum. | Material: Cast concrete or aluminum. | Material: Cast concrete or aluminum. | Material: Cast concrete or aluminum. | Material: Cast concrete or aluminum. | Material: Cast concrete or aluminum. | Material: Cast concrete or aluminum. | Material: Cast concrete or aluminum. |
| Size: 36" x 36" (MIN.) | Size: 36" x 36" (MIN.) | Size: 36" x 36" (MIN.) | Size: 36" x 36" (MIN.) | Size: 36" x 36" (MIN.) | Size: 36" x 36" (MIN.) | Size: 36" x 36" (MIN.) | Size: 36" x 36" (MIN.) |
| Mounting: 4" x 4" (MIN.) POSTS | Mounting: 4" x 4" (MIN.) POSTS | Mounting: 4" x 4" (MIN.) POSTS | Mounting: 4" x 4" (MIN.) POSTS | Mounting: 4" x 4" (MIN.) POSTS | Mounting: 4" x 4" (MIN.) POSTS | Mounting: 4" x 4" (MIN.) POSTS | Mounting: 4" x 4" (MIN.) POSTS |

REVISIONS
 NO. BY DATE
 1 JAC 05/07/10

R.I. STANDARD 27.1.0



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 20-0212
 DATED March 15, 2021
 SEE LETTER OF SAME DATE.

Nancy L. Freeman

**BURRILLVILLE MIDDLE SCHOOL
 PARKING LOT EXPANSION
 2220 BRONCOS HIGHWAY
 BURRILLVILLE, RHODE ISLAND
 AP 113, LOTS 3 & 4**

JCE
 JOSEPH A. CASALI
 JOE CASALI ENGINEERING, INC.
 CIVIL - SITE DEVELOPMENT - TRANSPORTATION
 100 W. MAIN ST., SUITE 100, BURRILLVILLE, RI 02808
 PHONE: 401/944-1300 FAX: 401/944-1313 WWW.JCEASALI.COM

JOSEPH A. CASALI
 No. 7250
 REGISTERED
 PROFESSIONAL ENGINEER
 CIVIL

Environmental Management
 DEC 18 2020
 Office of Water Resources

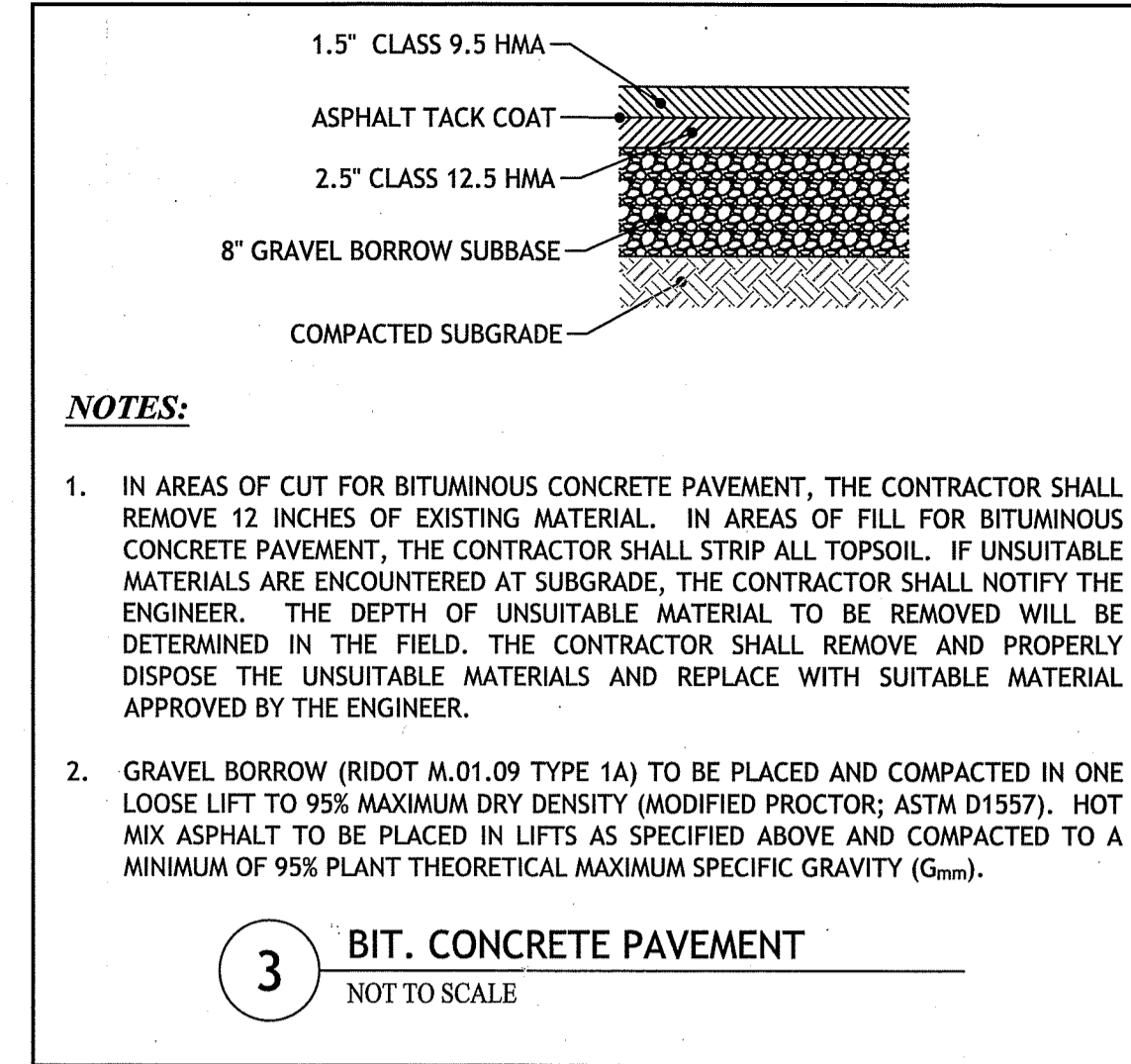
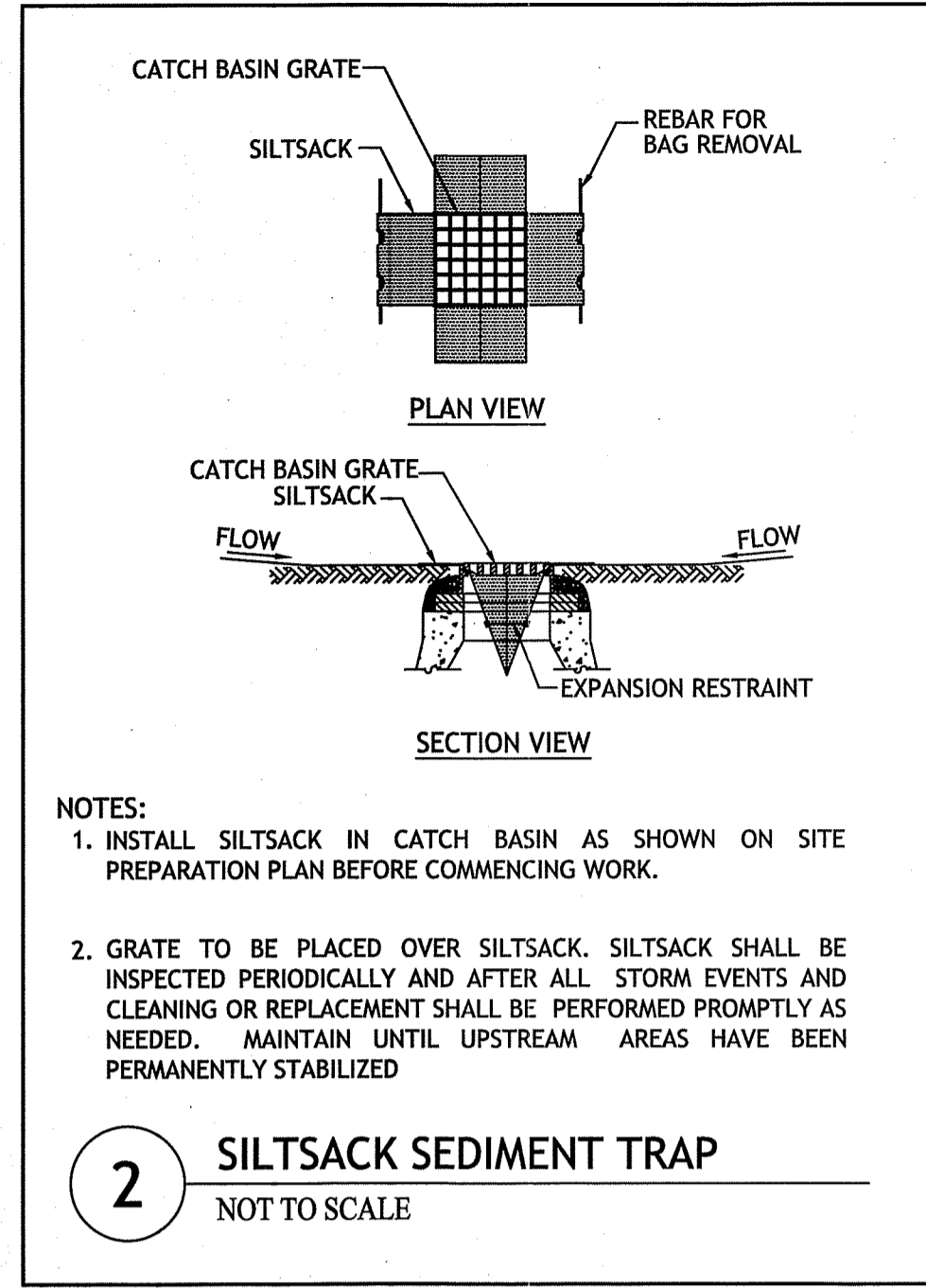
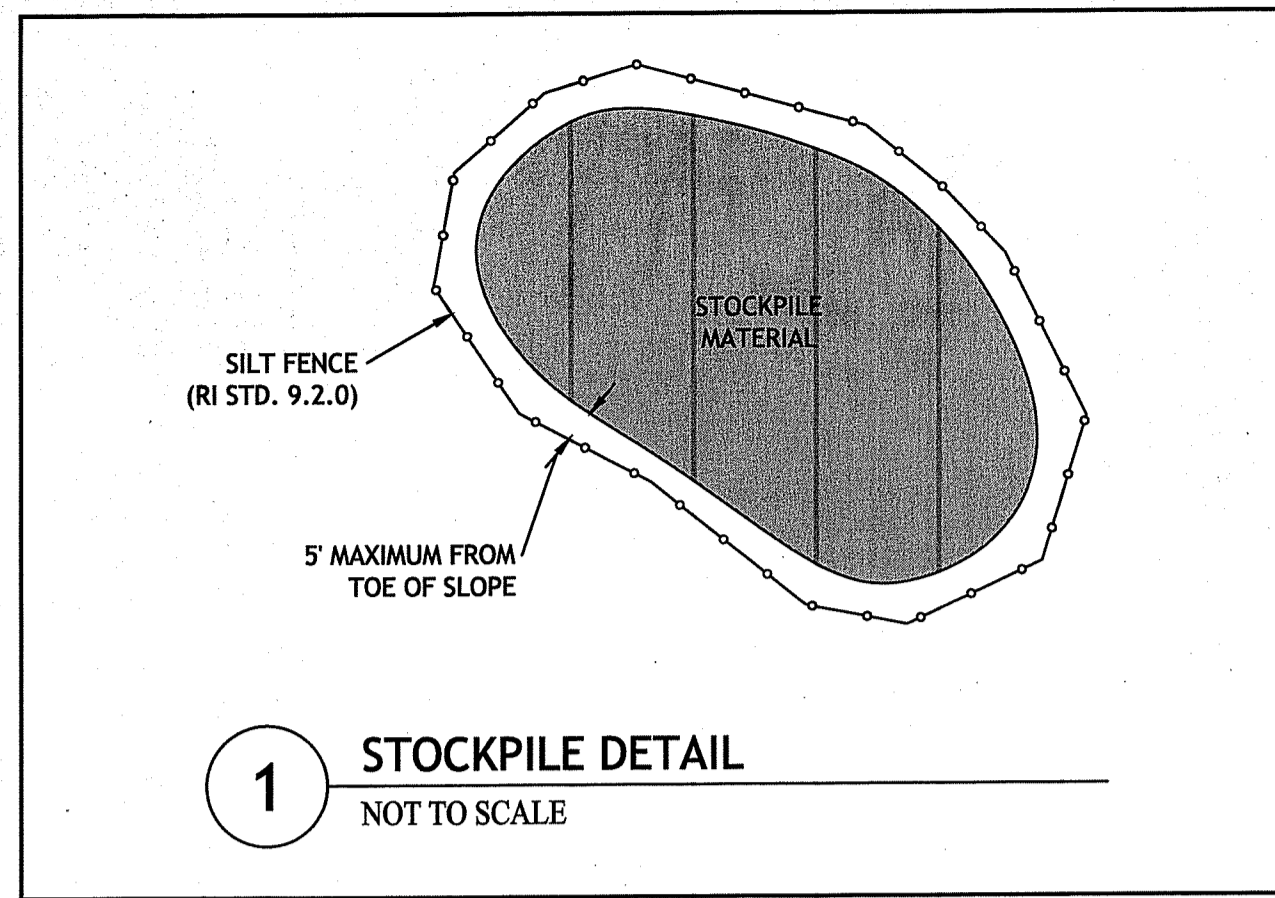
REVISIONS:
 NO. DATE DESCRIPTION
 1 12/202 RIDEM RTC

DESIGNED BY: DRD
 DRAWN BY: SD/SEP
 CHECKED BY: JAC
 DATE: SEPT. 2020
 PROJECT NO: 05-92th

ISSUED FOR PERMIT

**RI STANDARD
 DETAILS**

**SHEET
 5 OF 6**



Test Pit Location: Site Plan Date Start / Finish: July 29, 2020
 Ground Surface El. / Datum: 333.00
 Excavator Type: Excavator Remarks: Approx. 20 ft deep
 Operator: Burdette Middle School Parking Lot
 ICE Rep.: Joseph E. Casali (RI P.E. No. 10382)

TH-1
Page 1 of 1

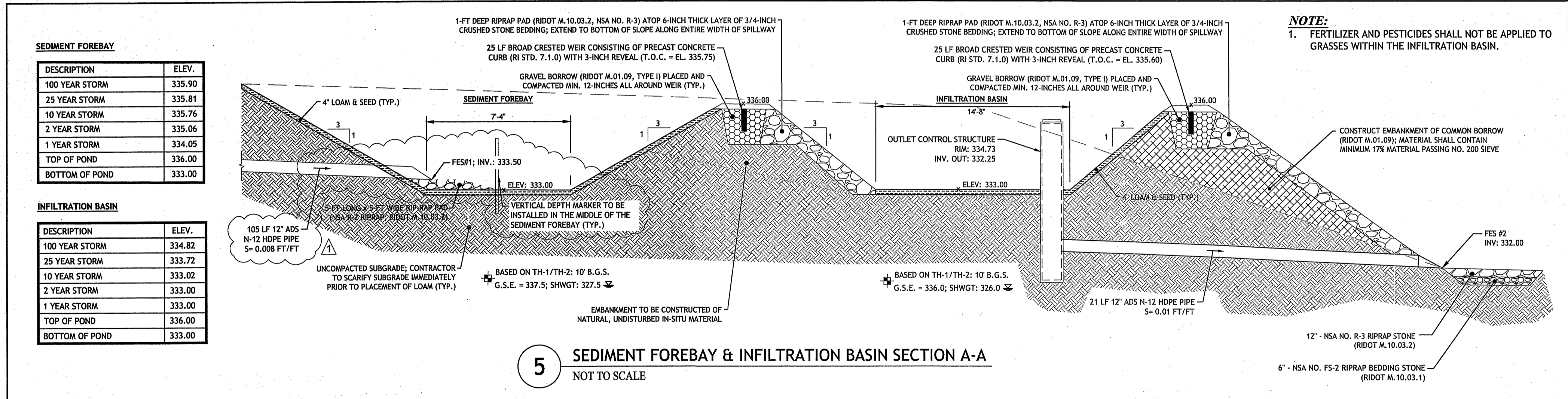
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|------------|-----------------|---------|---------------------------|----------------------------------|
| 0-3" | TS | TOPSOIL | | N/A |
| 3-12" | TS | 12\"/> | | |

Test Pit Location: Site Plan Date Start / Finish: July 29, 2020
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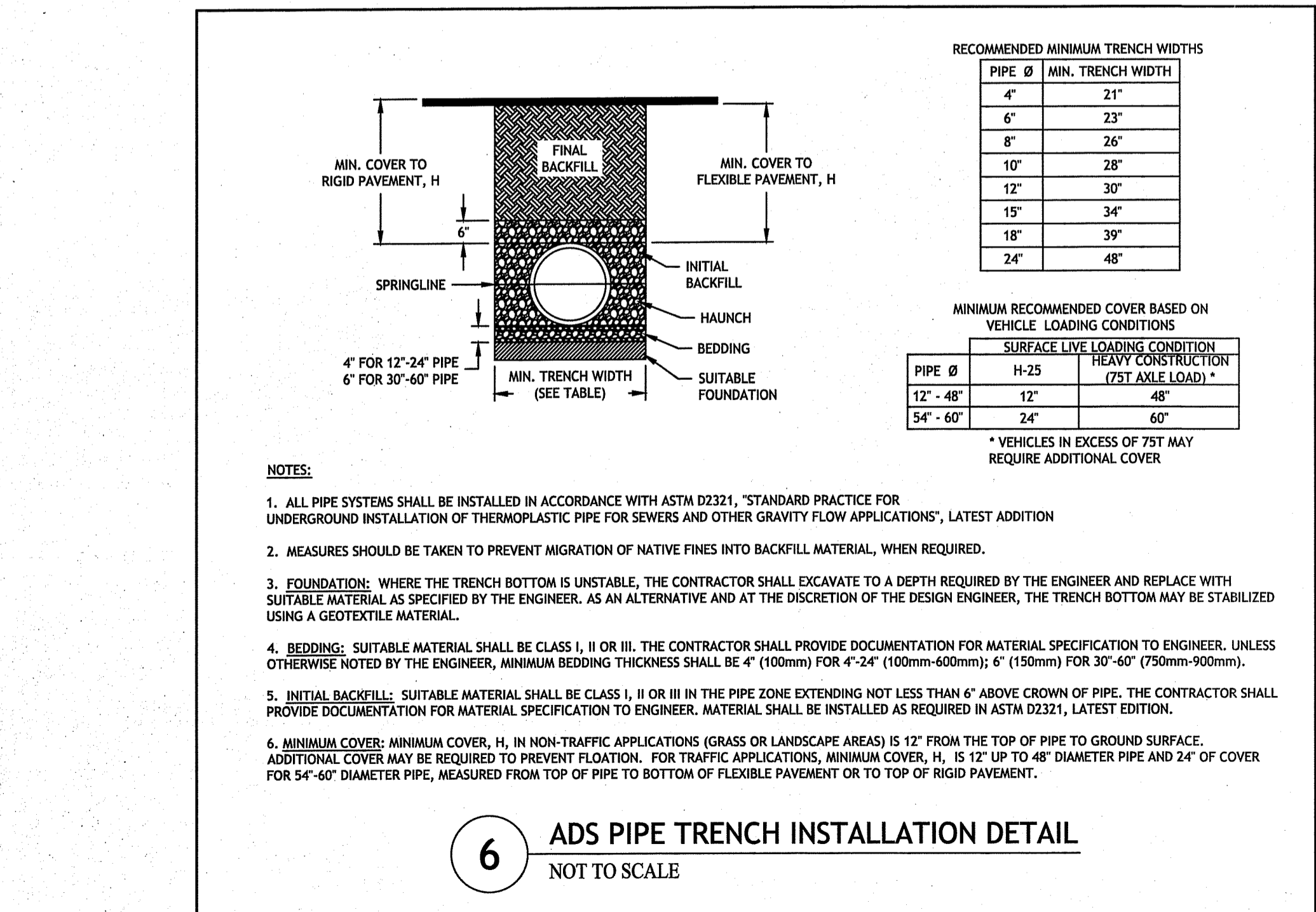
TH-2
Page 1 of 1

| Depth (ft) | Sample Type/No. | Remarks | Soil and Rock Description | Estimated Hydraulic Conductivity |
|------------|-----------------|---------|---------------------------|----------------------------------|
| 0-3" | TS | TOPSOIL | | N/A |
| 3-12" | TS | 12\"/> | | |

4 SOIL EVALUATIONS TEST HOLE LOGS NOT TO SCALE



Environmental Management
 DEC 1 R 2020
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
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ANDREW L. FREEMAN

JOSEPH A. CASALI
 No. 7250
 REGISTERED PROFESSIONAL ENGINEER CIVIL

BURRILLVILLE MIDDLE SCHOOL
 PARKING LOT EXPANSION
 2220 BRONCOS HIGHWAY
 BURRILLVILLE, RHODE ISLAND
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REVISIONS:

| NO. | DATE | DESCRIPTION |
|-----|--------|-------------|
| 1 | 12/202 | RIDEM RTC |

DESIGNED BY: DRD
 DRAWN BY: SD/SEP
 CHECKED BY: JAC
 DATE: SEPT. 2020
 PROJECT NO: 05-92bt

ISSUED FOR PERMIT

SITE DETAILS

SHEET 6 OF 6