



**3/16/2023**

**Addendum # 2**

Bid NO.: 101240  
OPENING: 3/24/2023 @ 1:00 PM  
COMMODITY: Fire Code Upgrades- 44 Lower College Road

---

Please see the following notice and attached documents relating to the above referenced bid:

1. The bid opening date has changed  
From: 3/22/2023 @ 1:00 PM  
To: 3/24/2023 @ 1:00 PM
2. Fire Service Drawing for 44 Lower College Road.

If you have already submitted a bid and need to make changes based on the information within the addendum, please submit a new bid response and indicate that the submission supersedes the prior.

---

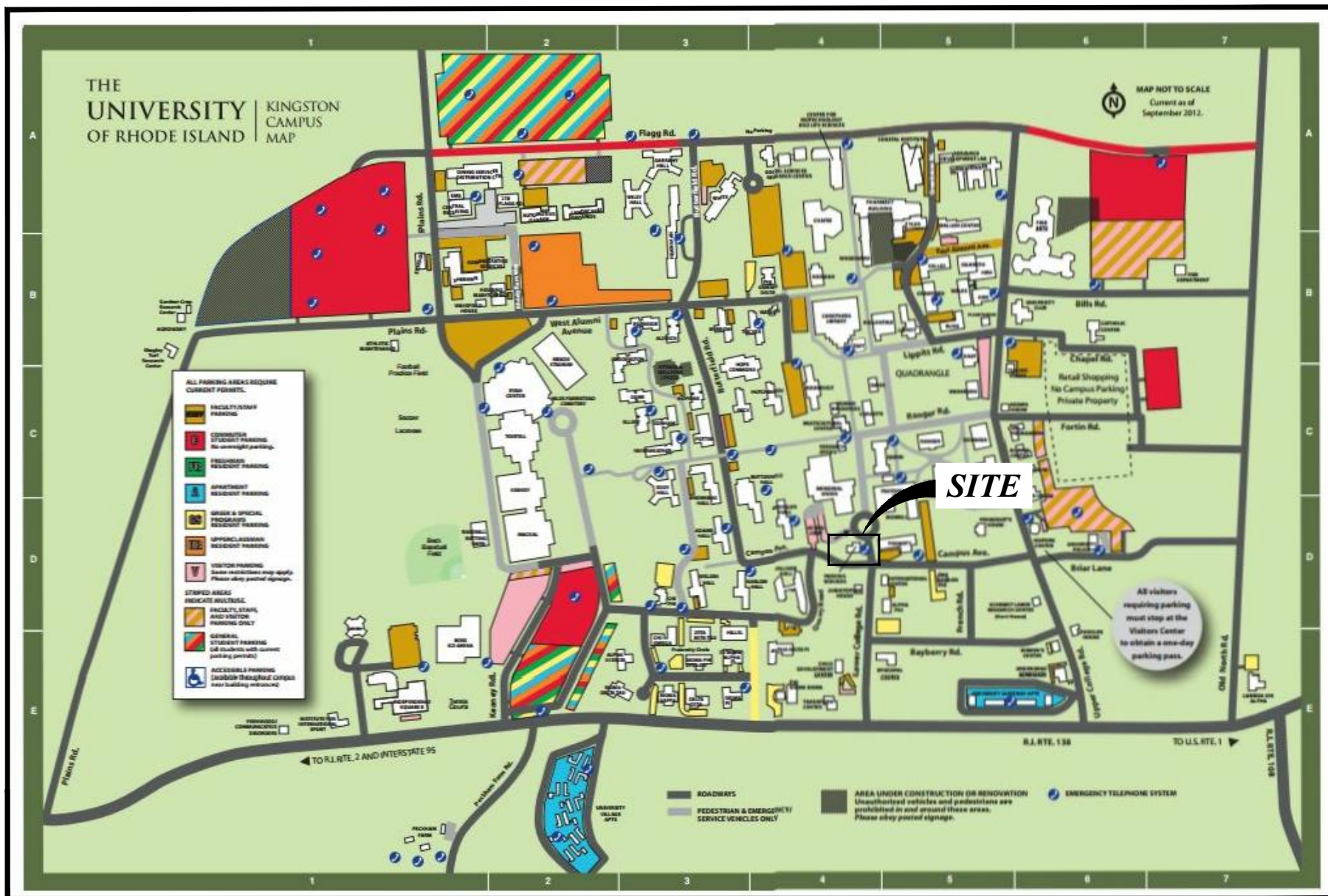
Camely Machado  
Purchasing Department  
The University of Rhode Island



UTILITY PLANS FOR PROPOSED  
FIRE PROTECTION IMPROVEMENTS

THE  
UNIVERSITY  
OF RHODE ISLAND

DEPARTMENT OF PUBLIC SAFETY BUILDING  
44 LOWER COLLEGE ROAD  
KINGSTON, RHODE ISLAND



LOCUS MAP (NTS)

GENERAL NOTES:

1. LIMITED CONTENT EXISTING CONDITIONS AND TOPOGRAPHIC SURVEY COMPLETED BY JOE CASALI ENGINEERING, 300 POST ROAD, WARWICK RI IN NOVEMBER 2020. UTILITY INFORMATION COMPILED FROM UNIVERSITY OF RHODE ISLAND AS-BUILT PLANS AND FIELD MEASUREMENTS.
2. 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.
3. THIS SITE LIES IN ZONE X (AREAS OUTSIDE THE 500-YEAR FLOOD PLAIN), AS SHOWN ON THE FIRM MAP FOR THE TOWN OF SOUTH KINGSTOWN, RI, MAP NUMBER 44009C0185J, EFFECTIVE DATE APRIL 3, 2020.

MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC NOTES:

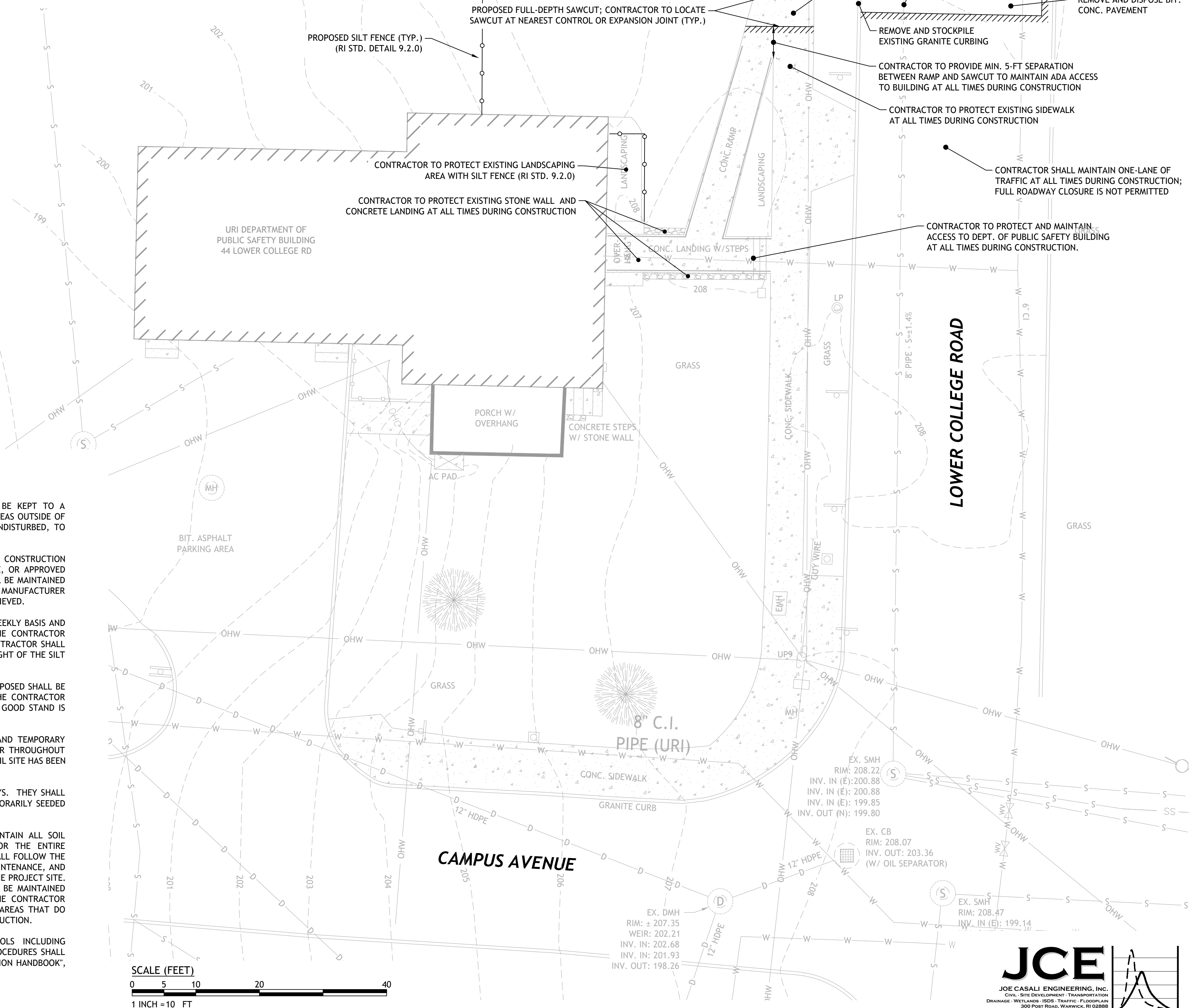
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION.
2. TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
3. SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE RIDOT SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

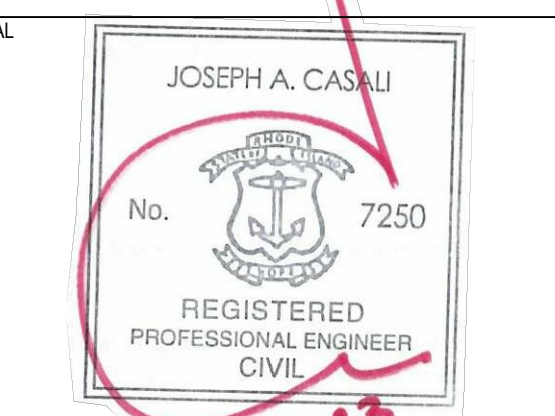
1. THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.
2. ALL CATCH BASINS OR INLETS THAT WILL RECEIVE RUNOFF FROM CONSTRUCTION SHALL BE PROTECTED WITH SILTSACK SEDIMENT CONTROL DEVICE, OR APPROVED EQUAL INLET PROTECTION. ALL INLET PROTECTION DEVICES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION, PER MANUFACTURER RECOMMENDATIONS, UNTIL FINAL SITE STABILIZATION HAS BEEN ACHIEVED.
3. 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. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE SILT FENCE BECOMES FILLED WITH SEDIMENT.
4. 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.
5. ALL SILT FENCE, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL SITE HAS BEEN COMPLETELY AND FULLY STABILIZED.
6. 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.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE 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 SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RE-SEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.
8. 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", DATED 1993 AMENDED 2014.

LEGEND:

- 163.8x EXISTING PROPERTY LINE
- 100 EXISTING SPOT ELEVATION
- 100 PROPOSED CONTOUR
- PROPOSED CURB
- EXISTING FENCE
- EXISTING DRAIN LINE
- EXISTING DRAINAGE MANHOLE
- EXISTING CATCH BASIN
- EXISTING UTILITY POLE
- EXISTING TELECOM DUCTBANK
- EXISTING ELECTRIC DUCTBANK
- EXISTING GAS LINE
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SEWER LINE
- EXISTING SEWER MANHOLE
- SILT FENCE
- LOD LIMIT OF DISTURBANCE
- HYDRANT



JENSEN HUGHES  
Advancing the Science of Safety  
117 METRO CENTER BLVD. | SUITE 1002  
WARWICK | RHODE ISLAND | 02886  
P 401.736.8992 | F 401.736.8929  
www.jensenhughes.com



IT IS A VIOLATION OF STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DRAWING IN ANY WAY. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS/HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

KEY PLAN



NO.	REVISION	DATE
1	ISSUED FOR BID	03/10/2023

UNIVERSITY OF RHODE  
ISLAND 44 LOWER  
COLLEGE ROAD  
FIRE PROTECTION PLAN

ADDRESS	44 LOWER COLLEGE ROAD, KINGSTON, RI 02881
PROJECT NO	1MJB00329.052
DATE	DECEMBER 18, 2020
DESIGN	DRD
DRAWN BY	JAS
CHECKED BY	JAC
SCALE	
TITLE	FIRE SERVICE INSTALLATION PLAN
NUMBER	C1.0
SHEET	1 of 1

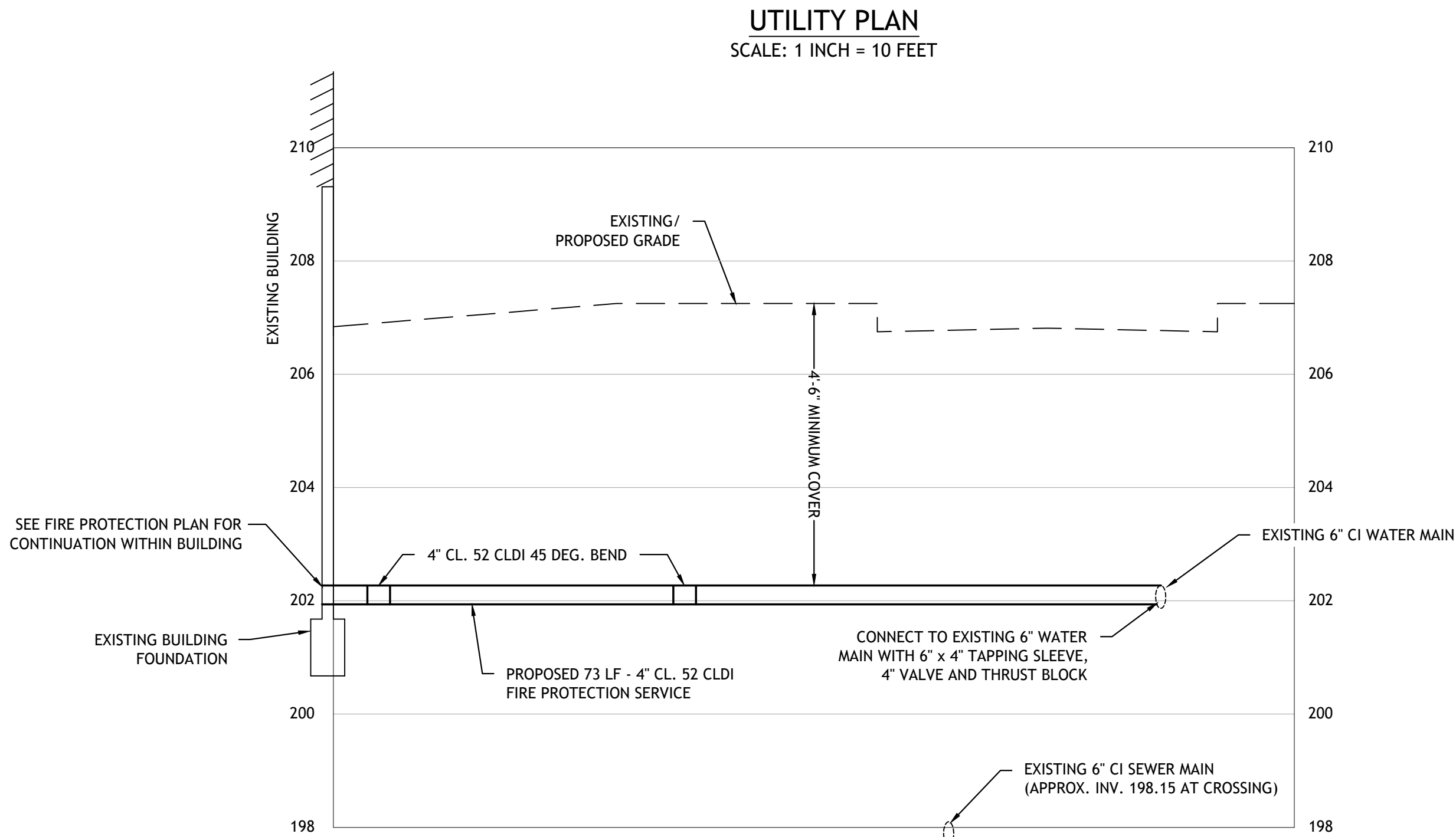
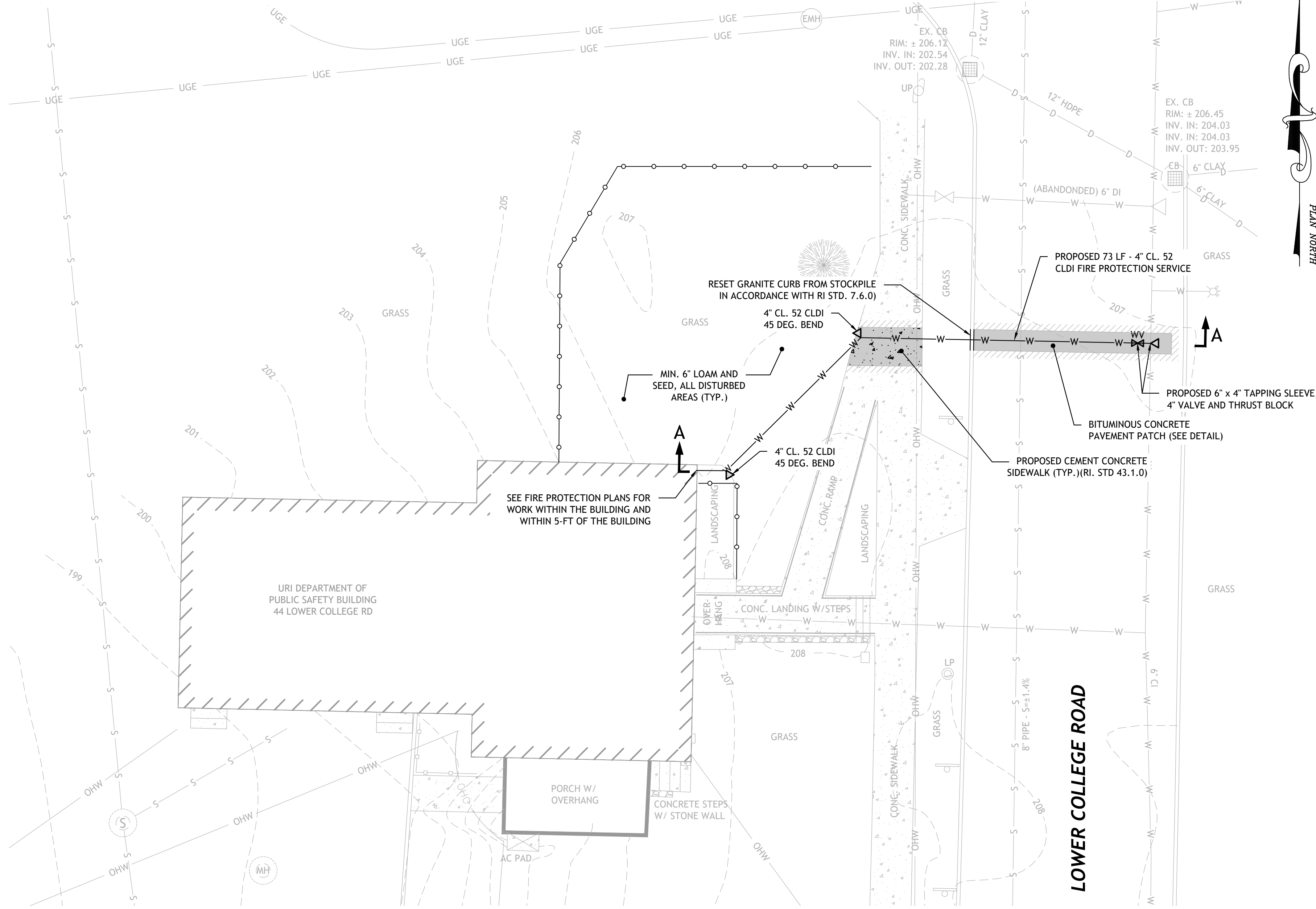


UTILITY / SITE NOTES:

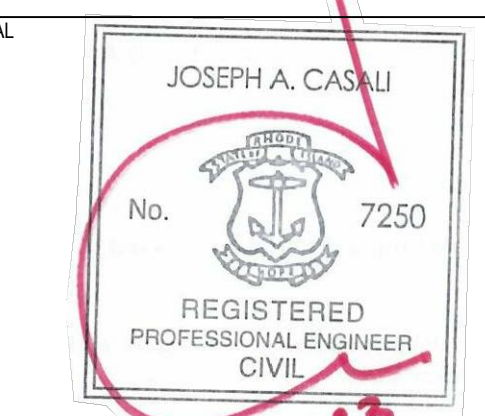
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) OF ALL MATERIALS INDICATED ON THE PLANS.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE A UTILITY LOCATOR SERVICE.
- STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED ADJACENT TO DRAINAGE STRUCTURES.
- ALL DISTURBED AREAS OUTSIDE OF THE PAVED AREAS WILL RECEIVE A MINIMUM OF 6" OF LOAM AND SEED UNLESS OTHERWISE INDICATED ON THE PLANS.
- 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 RHODE ISLAND 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 UNIVERSITY AT NO ADDITIONAL COST TO THE UNIVERSITY.
- ANY EXISTING PIPE OR UTILITY DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE UNIVERSITY.
- 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 UNLESS PLAN OF ACTION IS AGREED TO BY THE UNIVERSITY PUBLIC SAFETY.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL DRIVEWAYS, ENTRANCES AND DUMPSTERS 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.
- REFER TO FIRE SPRINKLER PLANS FOR CONTINUATION OF MAINS WITHIN THE BUILDING. UTILITY CONTRACTOR SHALL COORDINATE WITH THE SPRINKLER CONTRACTOR.
- 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. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATION'S WILL BE AUTHORIZED.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE A SUFFICIENT NUMBER OF WORKMEN AND GUARDS AS MAY BE NECESSARY TO PROPERLY SAFEGUARD THE PUBLIC FROM THERE OPERATIONS.
- 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
- FIRE MAIN INSTALLATION AND TESTING SHALL COMPLY WITH CONTRACT SPECIFICATIONS.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL SYSTEM COMPONENTS AND CONSTRUCTION METHODS; SUCH AS PIPE, THRUST BLOCKS, FITTINGS, CASTINGS, ETC. PRIOR TO PURCHASE AND INSTALLATION.
- WATER LINE TRENCH TO BE AWWA TYPE 5. A METALIZED DETECTABLE IDENTIFICATION TAPE 2" IN WIDTH, BLUE IN COLOR AND PRINTED WITH "CAUTION WATERLINE BURIED BELOW" SHALL BE UTILIZED OVER FULL LENGTH OF ALL MAINS. TAPE SHALL BE SET AT APPROXIMATELY 2' BELOW FINISHED GRADE.
- THE CONTRACTOR SHALL RECEIVE VERIFICATION FROM THE FIRE PROTECTION ENGINEER AS TO THE APPROPRIATE SIZE OF THE FIRE PROTECTION LINE SHOWN ON THE PLANS PRIOR TO ORDERING WATER PIPE RELATED ITEMS.
- SPECIFIC BENDS ARE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL BENDS AS NECESSARY TO INSTALL THE PIPE AT THE REQUIRED DEPTH AND ALIGNMENT.
- ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIAL, DRAINAGE STRUCTURES, CURBING, SIDEWALK, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO 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
- ALL FIRE SERVICE MAINS SHALL COMPLY WITH AND REFERENCE NFPA 24-10 - STANDARD FOR INSTALLATION OF FIRE SERVICE MAINS.
- EXISTING ON-SITE WASTE MANAGEMENT DUMPSTERS MAY NOT BE USED FOR DISPOSAL OF CONSTRUCTION DEBRIS. ACCESS TO WASTE MANAGEMENT DUMPSTERS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCING AROUND STOCKPILE / STAGING AREA FOR THE DURATION OF CONSTRUCTION.
- CONTRACTOR SHALL COVER OPEN TRENCHES WITH STEEL PLATES IF THEY ARE TO BE LEFT OPEN OVERNIGHT OR OVER WEEKENDS.

UNDERGROUND ELECTRICAL NOTES:

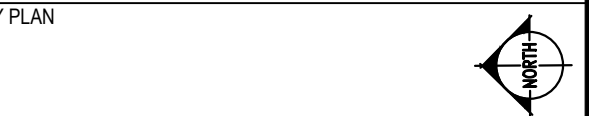
- FOR ANY EXCAVATIONS TO BE PERFORMED WITHIN 10-FEET OF AN EXISTING DIRECT BURIED ELECTRICAL SERVICE, THE FOLLOWING PROCEDURE SHALL BE FOLLOWED:
  - LOCATE, IDENTIFY AND CLEARLY MARK UNDERGROUND ELECTRIC CABLES USING A UTILITY LOCATING DEVICE.
  - COORDINATE WITH THE UNIVERSITY OF RHODE ISLAND TO SHUT OFF POWER TO UNDERGROUND ELECTRIC CABLES IN THE AREA OF EXCAVATION.
  - ONCE UNDERGROUND ELECTRIC CABLES ARE LOCATED, EXCAVATION MAY COMMENCE WITH TRIAL HOLES DUG, USING SUITABLE HAND TOOLS AND/OR VACUUM EXCAVATION, AS NEEDED, AS NECESSARY. ALL HAND TOOLS SHALL BE INSULATED.
  - CONTRACTOR SHALL EXCAVATE ALONGSIDE UNDERGROUND ELECTRICAL SERVICES, RATHER THAN DIRECTLY ABOVE.
  - ONCE UNDERGROUND ELECTRICAL SERVICE HAS BEEN SAFELY EXPOSED, ADJACENT EXCAVATIONS MAY COMMENCE USING OSHA APPROVED MEANS AND METHODS. PROTECT EXPOSED ELECTRICAL SERVICES AT ALL TIMES.



PROFILE A-A  
HORIZONTAL SCALE: 1 INCH = 10 FEET  
VERTICAL SCALE: 1 INCH = 2 FEET



IT IS A VIOLATION OF STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DRAWING IN ANY WAY. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS/HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



NO.	REVISION	DATE
1	ISSUED FOR BID	03/10/2023

PROJECT  
**UNIVERSITY OF RHODE ISLAND 44 LOWER COLLEGE ROAD FIRE PROTECTION PLAN**

ADDRESS	44 LOWER COLLEGE ROAD, KINGSTON, RI 02881
PROJECT NO	1MJB00329.052
DATE	DECEMBER 18, 2020
DESIGN	DRD
DRAWN BY	JAS
CHECKED BY	JAC

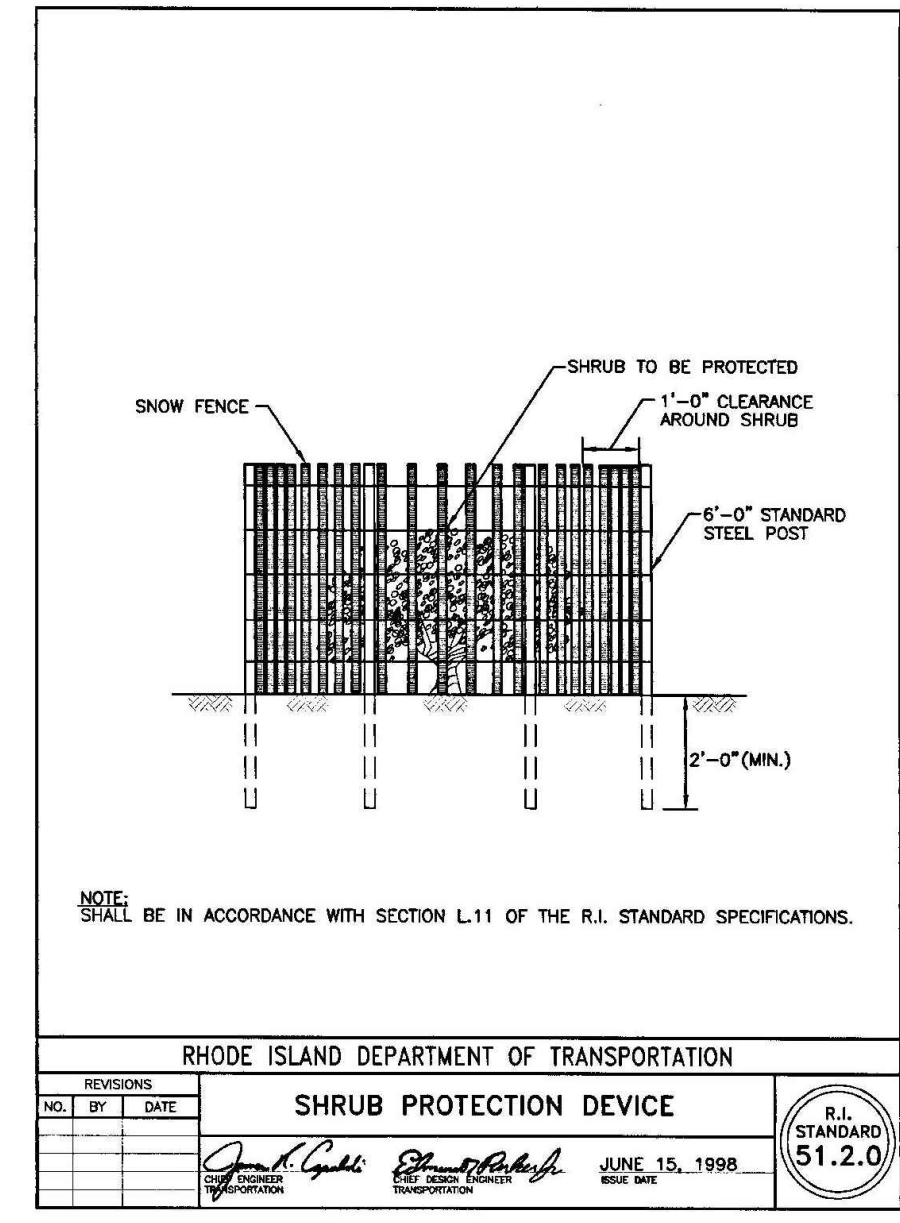
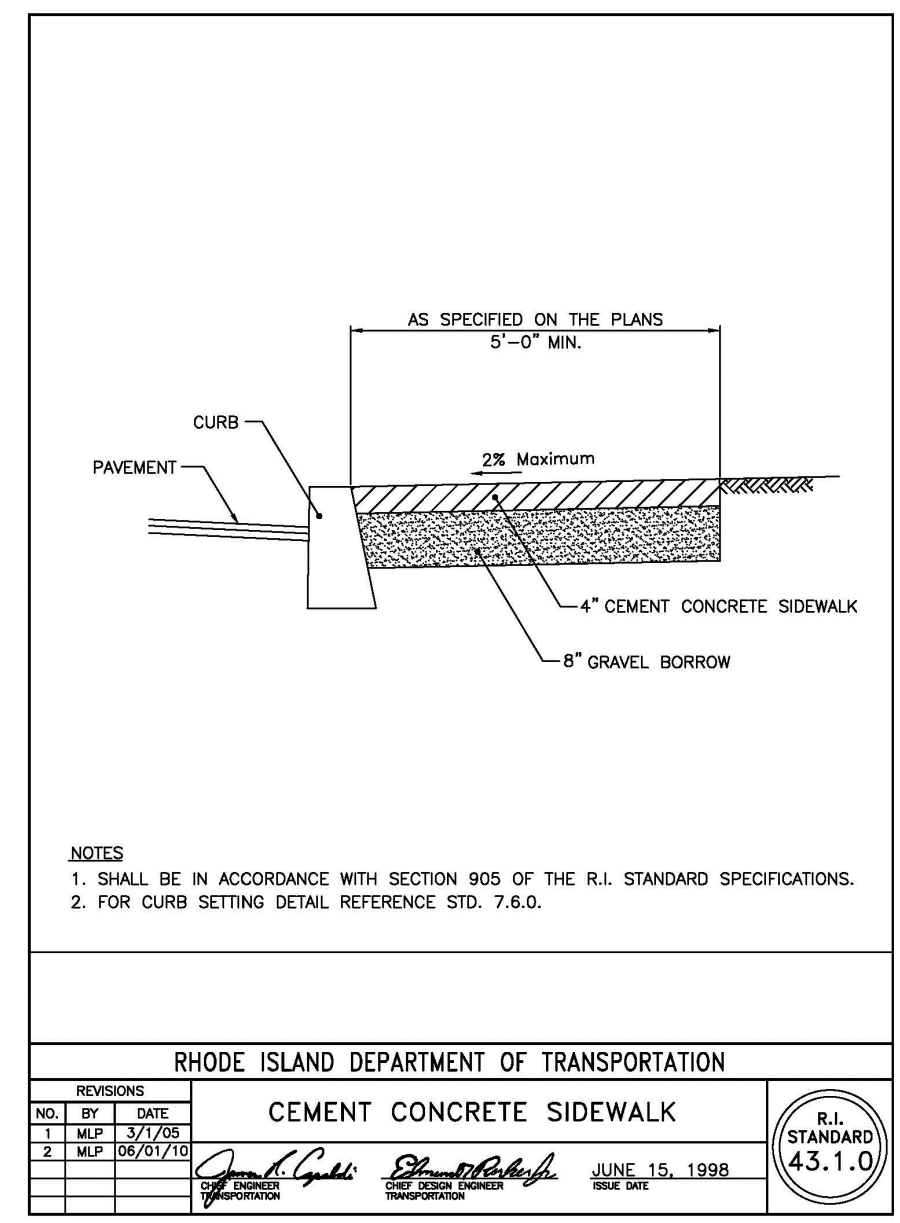
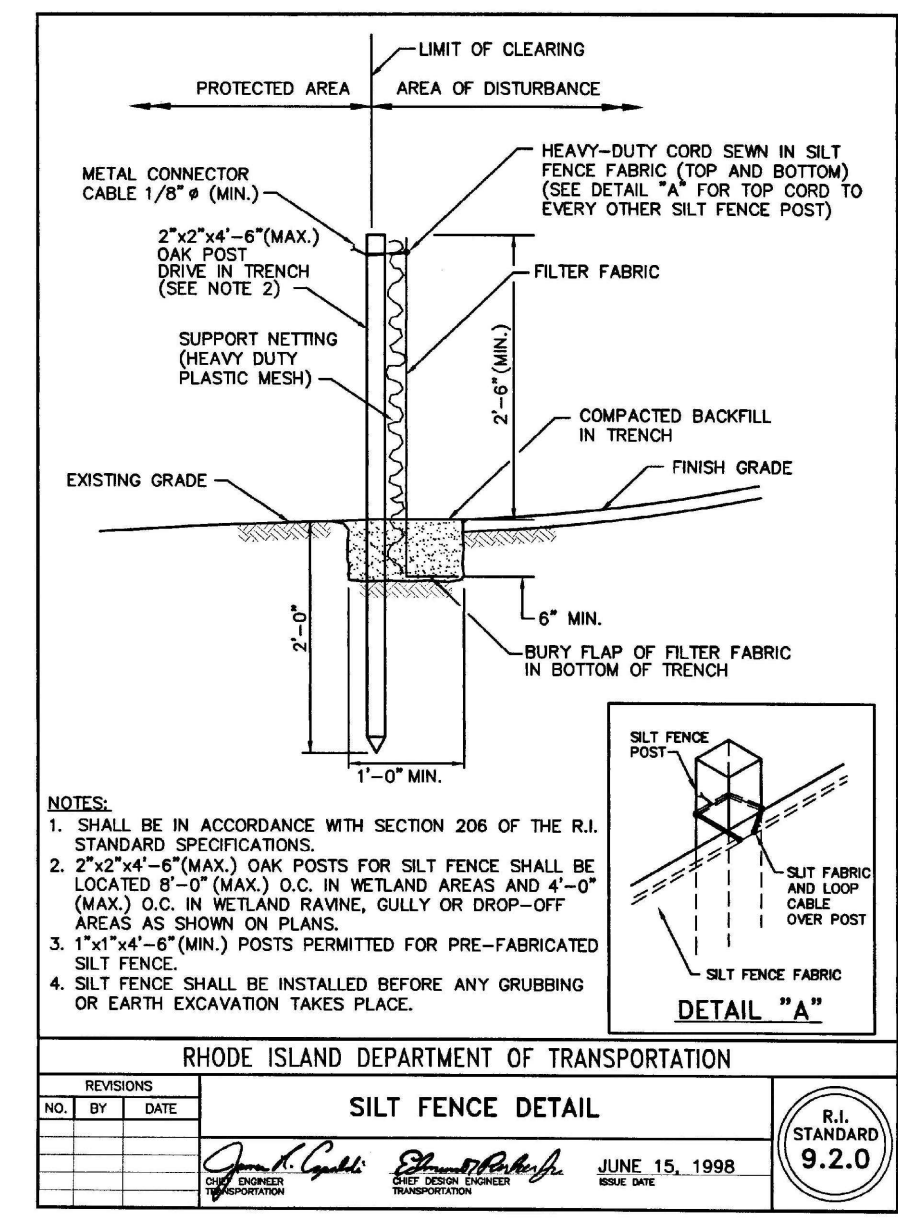
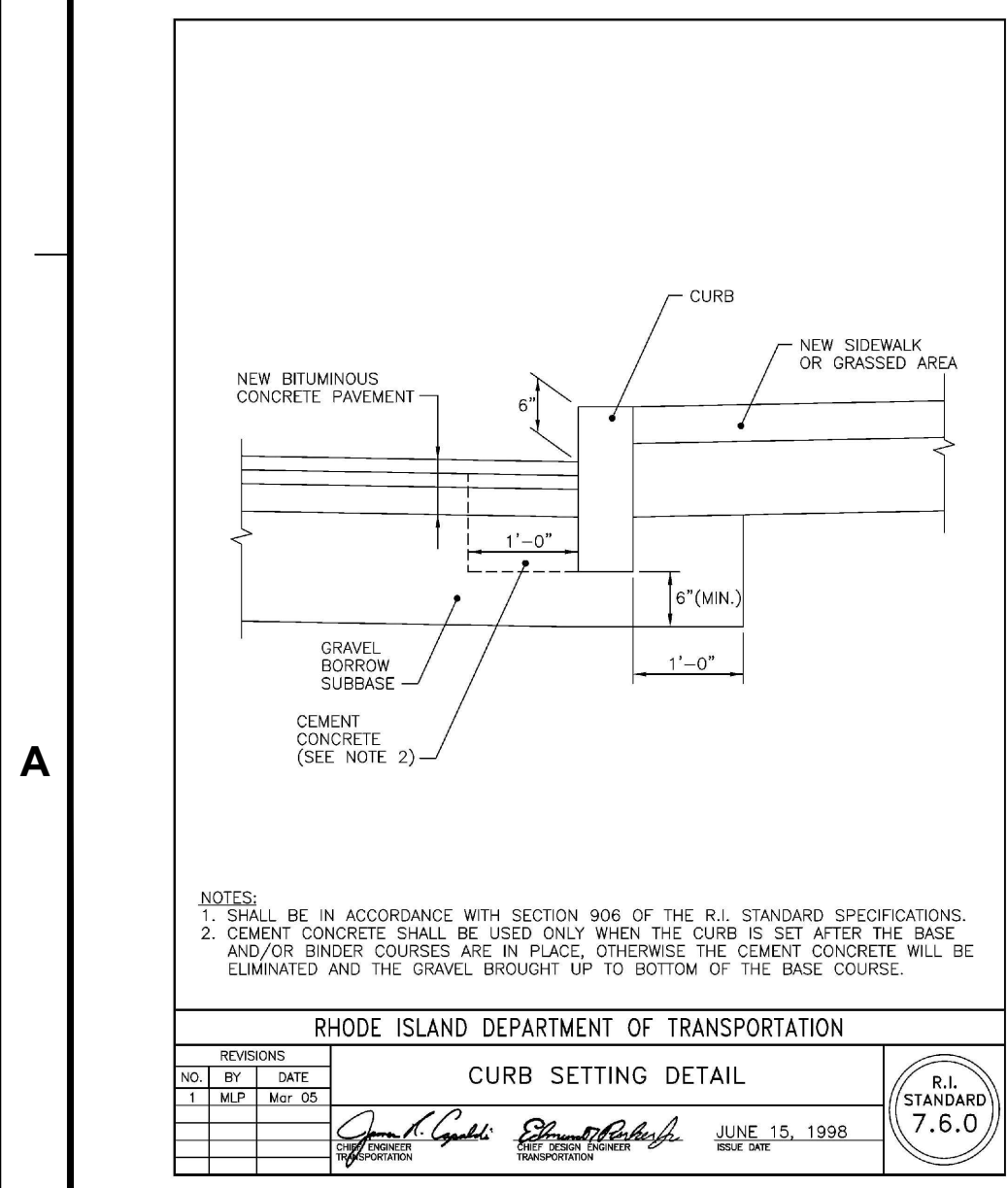
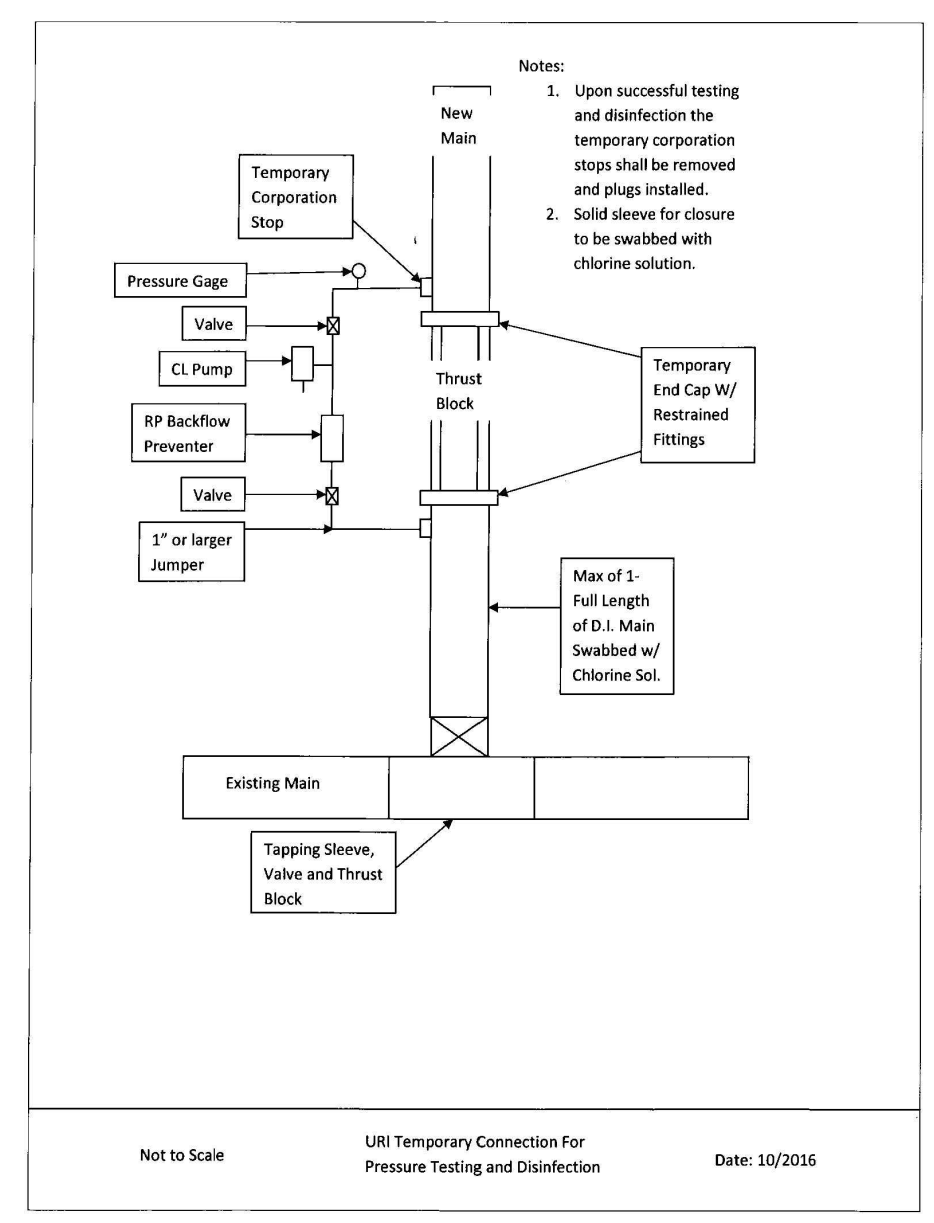
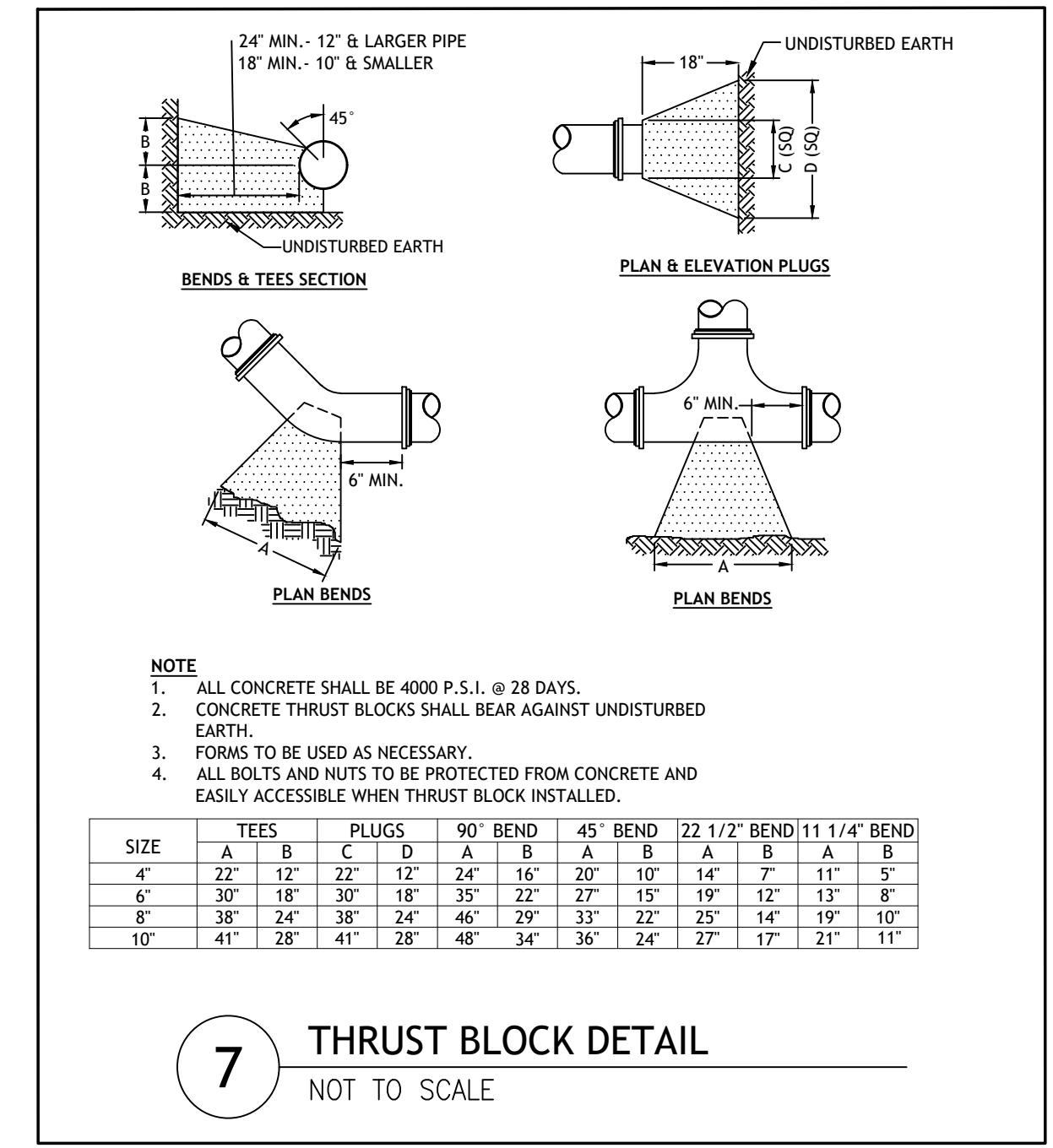
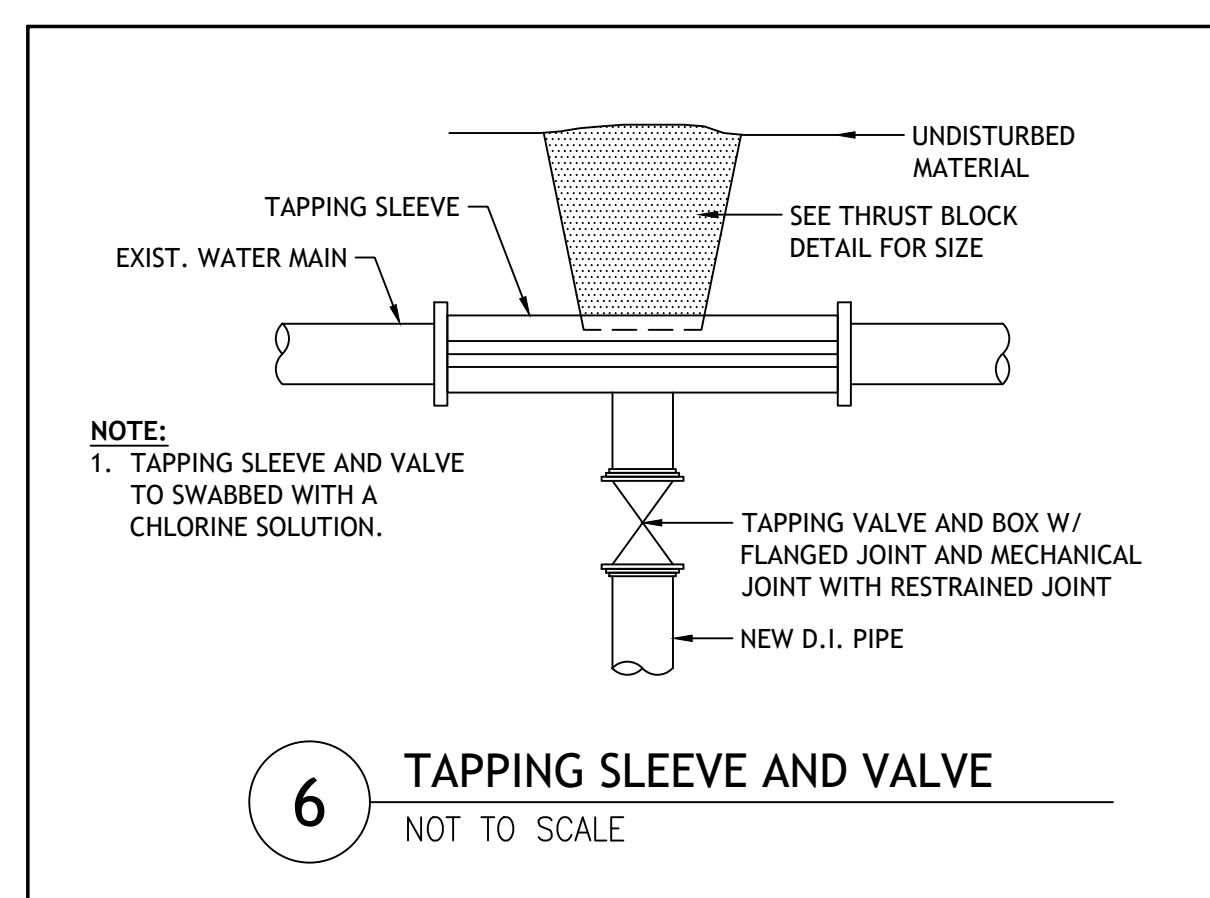
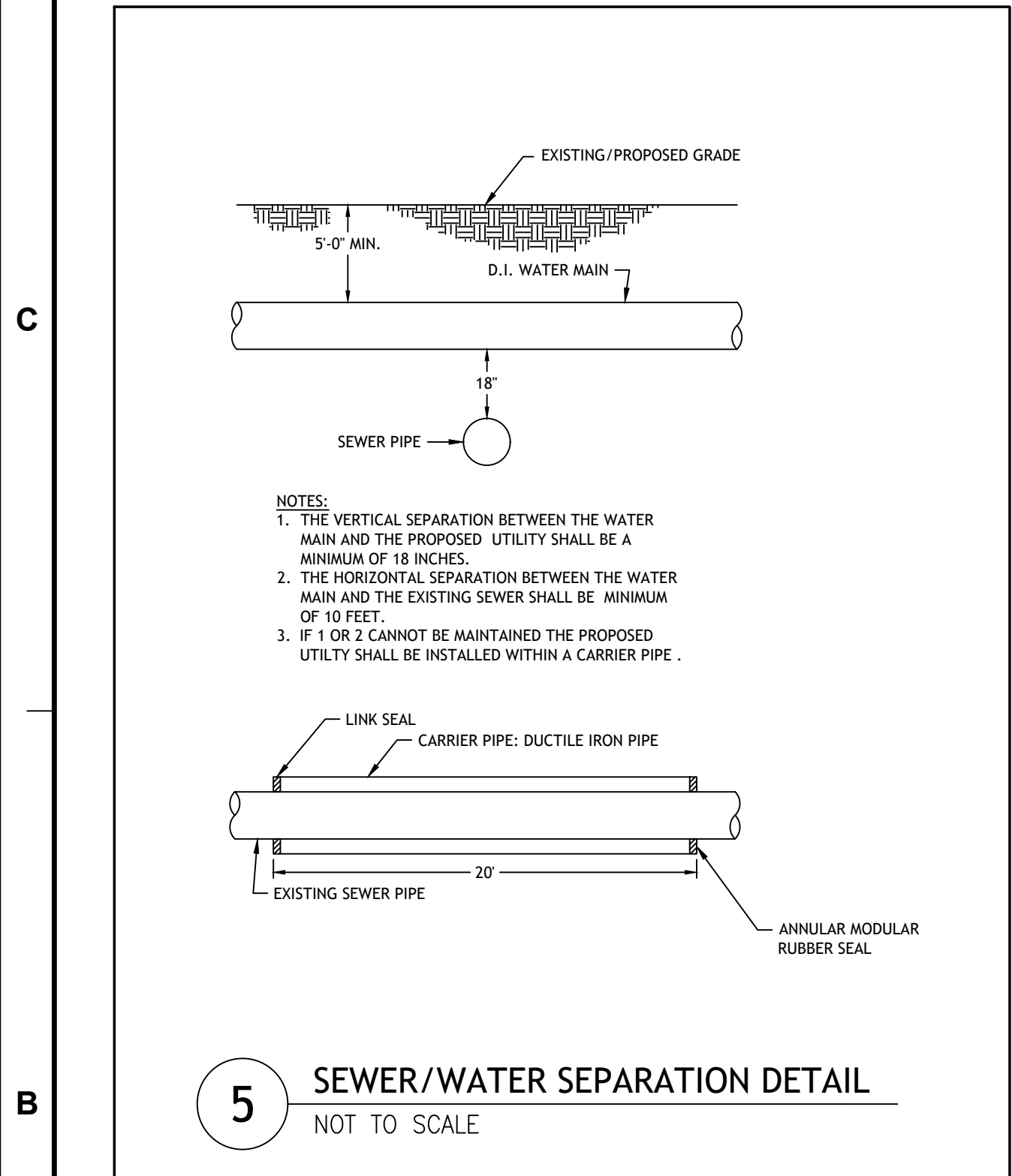
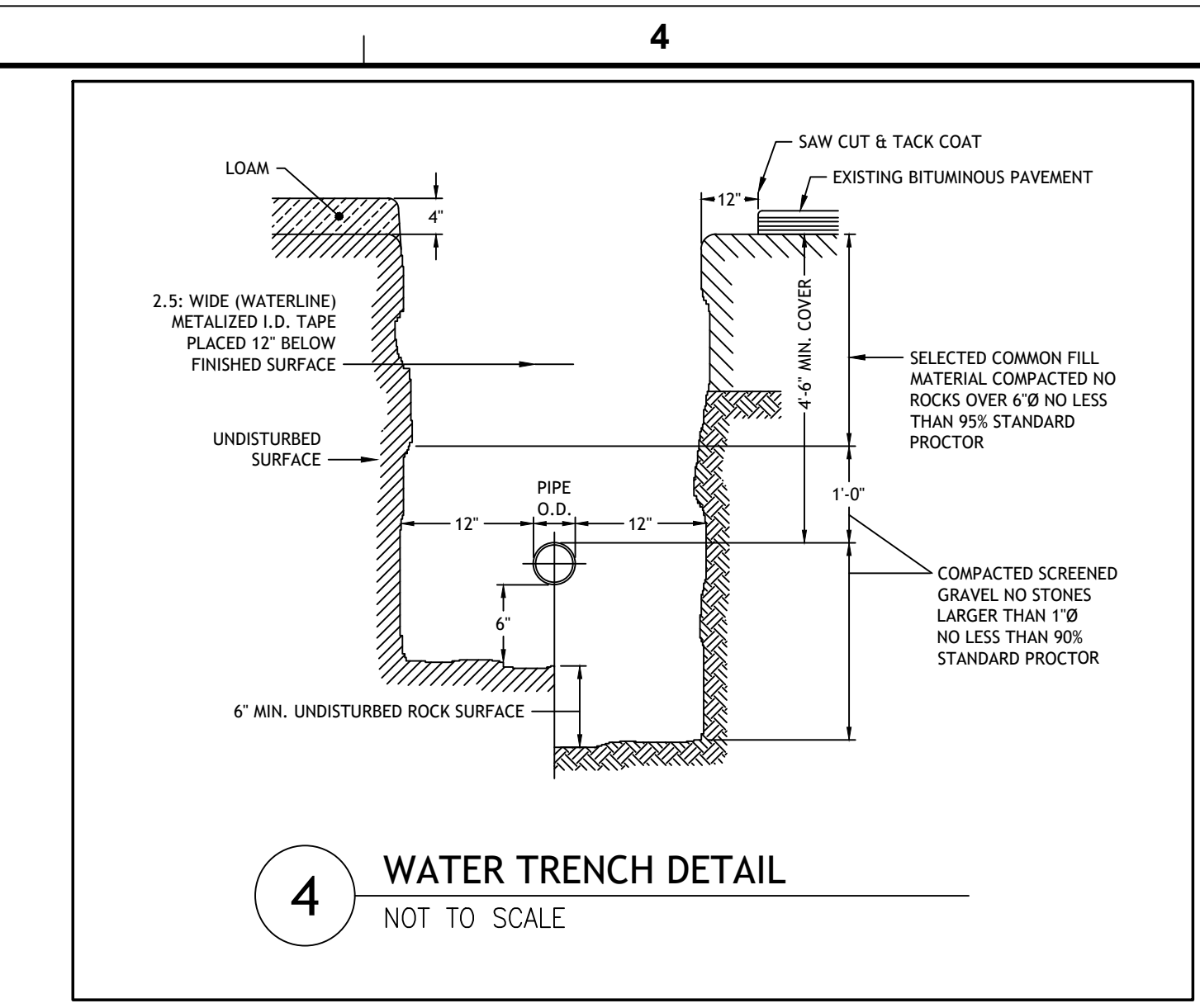
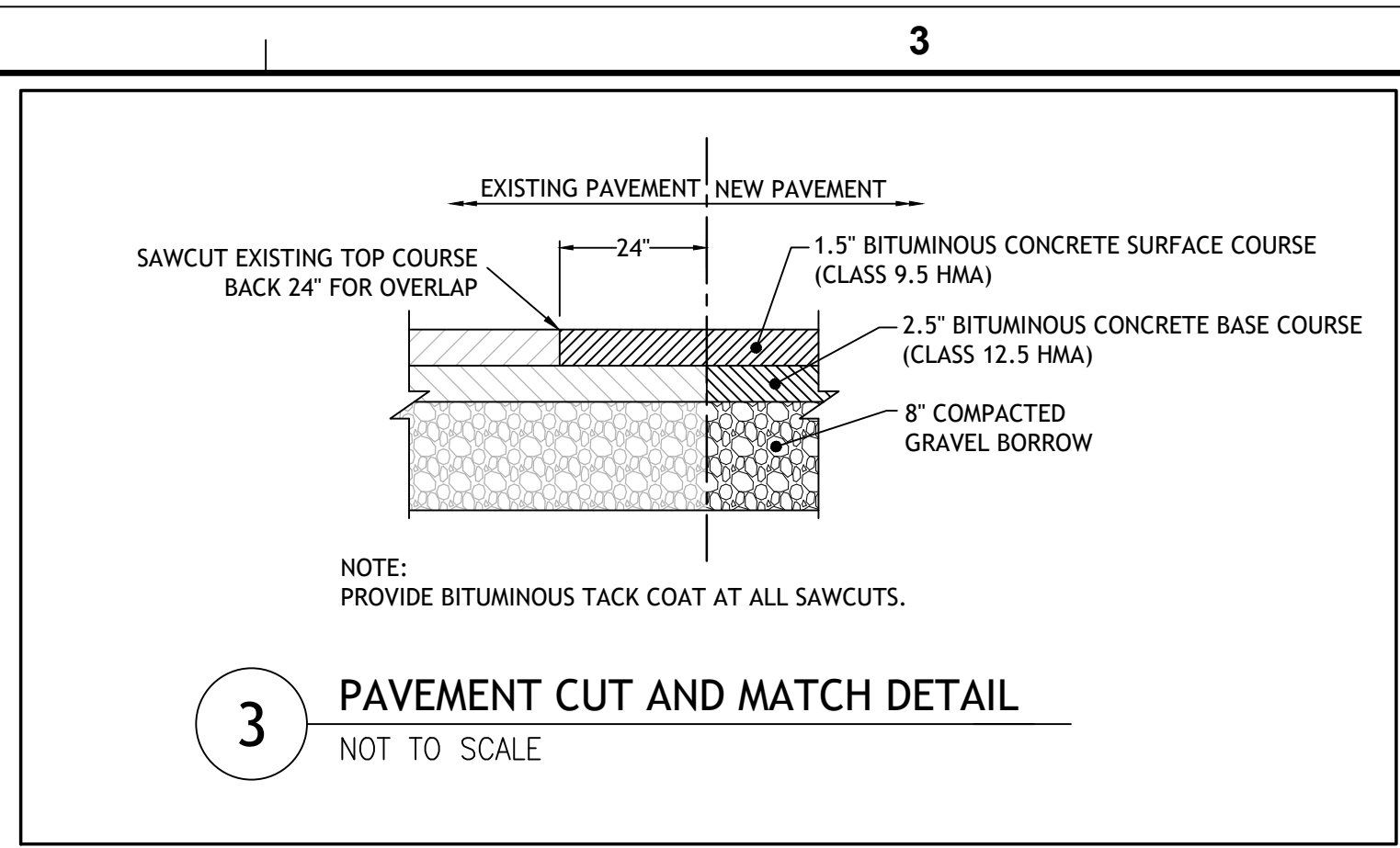
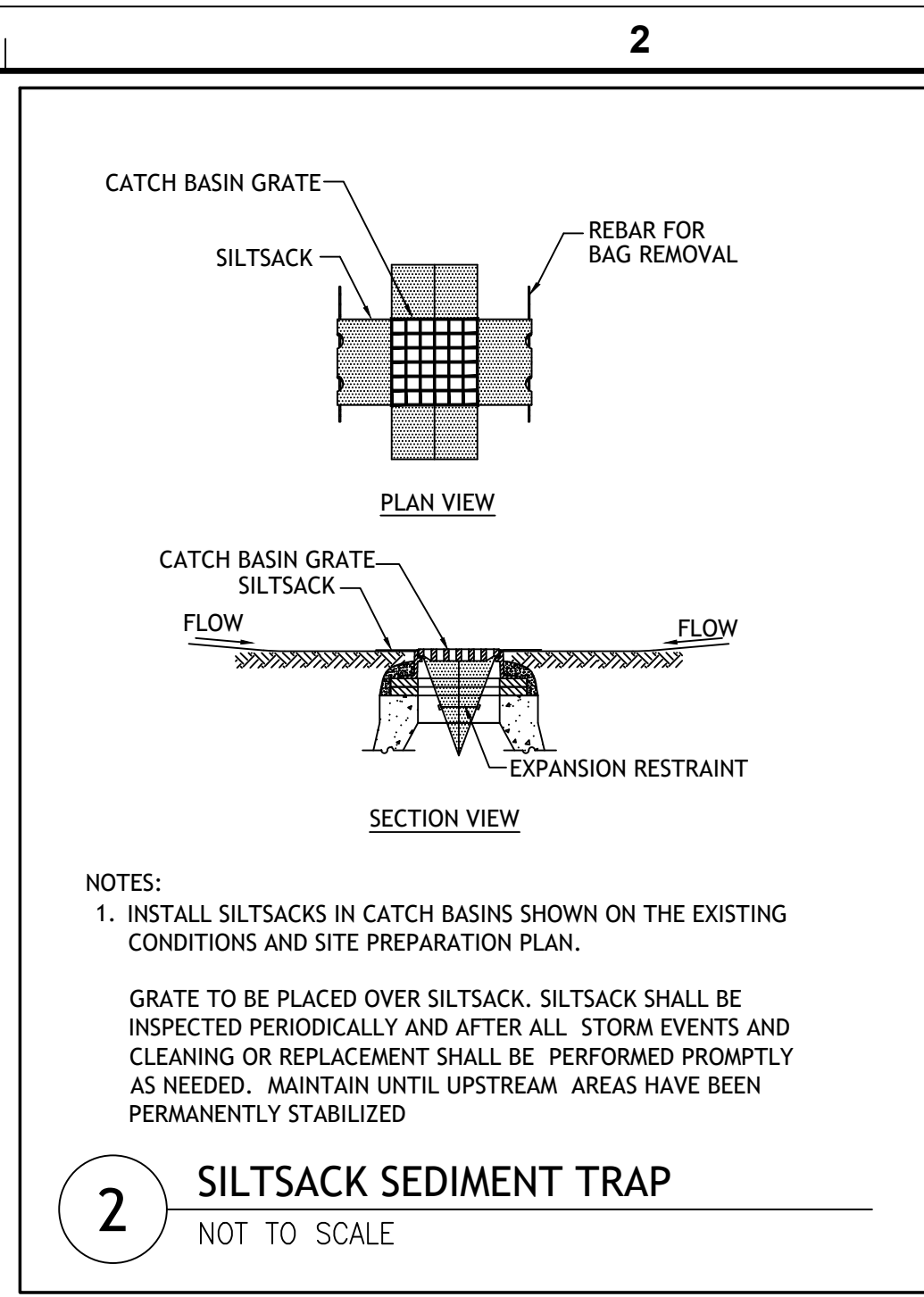
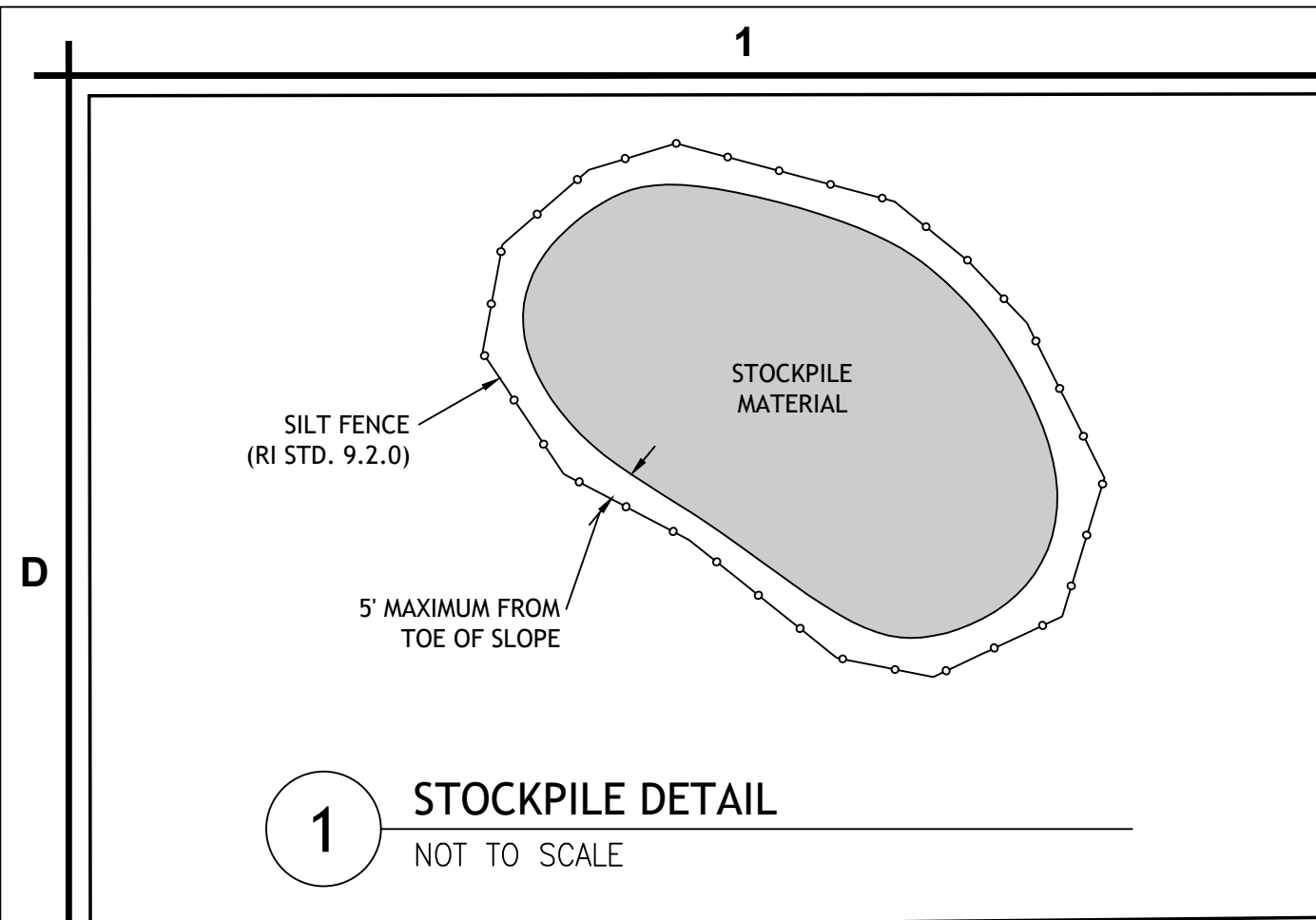
SCALE

TITLE  
**FIRE SERVICE INSTALLATION PLAN**

NUMBER  
**C2.0**

SHEET  
1 of 1





**JENSEN HUGHES**  
Advancing the Science of Safety  
117 METRO CENTER BLVD. | SUITE 1002  
WARWICK | RHODE ISLAND | 02886  
P 401.736.8992 | F 401.736.8929  
www.jensenhughes.com

SEAL  
JOSEPH A. CASALI  
No. 7250  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

IT IS A VIOLATION OF STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DRAWING IN ANY WAY. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS/HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

KEY PLAN

NO. 1  
REVISION ISSUED FOR BID  
DATE 03/10/2023

PROJECT  
UNIVERSITY OF RHODE ISLAND 44 LOWER COLLEGE ROAD  
FIRE PROTECTION PLAN

ADDRESS 44 LOWER COLLEGE ROAD, KINGSTON, RI 02881

PROJECT NO 1MJB00329.052

DATE DECEMBER 18, 2020

DESIGN DRD

DRAWN BY JAS

CHECKED BY JAC

SCALE

TITLE  
FIRE SERVICE INSTALLATION PLAN

NUMBER  
C3.0

SHEET 1 of 1