

SEAL:

OWNER:
TOWN OF ANDOVER
 36 Bartlet Street
 Andover, MA 01810

DESIGN TEAM:
Greenman-Pedersen, Inc.
 Landscape Architecture
 Civil Engineering
 Survey

DeRosa Environmental Consulting, Inc.
 Stream Bank Delineation

Briggs Engineering & Testing
 Soil Borings

PROJECT:
PHASE 2

Downtown Municipal Complex Connectivity Improvements

Playstead Pathway & Parking Area

REVISIONS

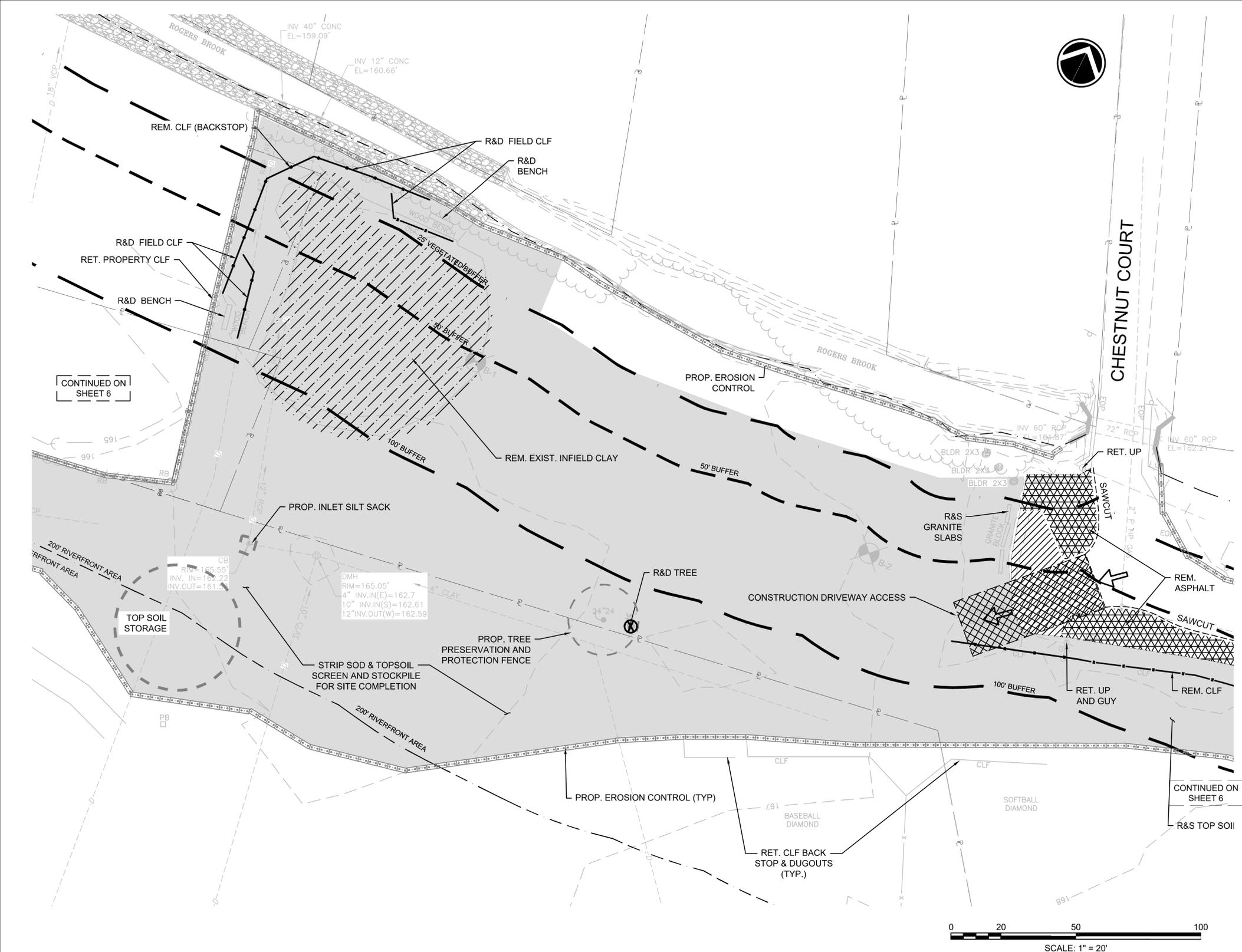
NO.	REVISION	DATE
1	NOI SUBMISSION	5/19/2020

MAX 2019091.01
 DRAWN/DESIGN BY: BE/RW
 CHECKED BY: RH

SITE PREP PLAN 1 OF 2

SCALE: 1"=20'-0"

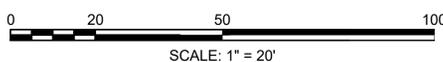
MAY 19, 2020



- SITE PREPARATION & DEMOLITION NOTES**
- CONTRACTOR SHALL SUPPLY AND MAINTAIN FOR THE DURATION OF CONSTRUCTION ALL NECESSARY DEVICES FOR EROSION, SEDIMENT AND DUST CONTROL SUCH AS HAYBALES, GRAVEL, ETC., INCLUDING THOSE DEVICES NECESSARY FOR STOCKPILES AND PROTECTION OF ADJACENT PUBLIC WAYS, AND SHALL REMOVE ALL DEVICES AFTER PROJECT COMPLETION.
 - CONTRACTOR SHALL SECURE ALL PERMITS REQUIRED FOR THE WORK FROM ANY CITY DEPARTMENT, UTILITY COMPANY, OR OTHER JURISDICTION AFFECTED BY THE WORK.
 - ALL PEDESTRIAN AND VEHICULAR TRAFFIC ALONG PUBLIC WAYS SHALL BE MAINTAINED OR DETOURED BY CONTRACTOR DURING CONSTRUCTION AND COORDINATED WITH THE TOWN OF ANDOVER.
 - CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING AT ALL TREES TO REMAIN. THIS FENCING MUST BE APPROVED IN THE FIELD BY THE DESIGNER/OWNER'S REPRESENTATIVE PRIOR TO THE START OF DEMOLITION. CONTRACTOR SHALL NOT STORE OR STOCKPILE EQUIPMENT OR MATERIALS UNDER TREES.
 - CONTRACTOR SHALL USE EXTREME CAUTION WHEN REMOVING PAVEMENT AND SUB-BASE UNDER THE DRIP LINE OF EXISTING TREES TO AVOID DAMAGE TO ROOTS AND OVERHEAD BRANCHES.
 - OWNER'S REPRESENTATIVE MUST BE NOTIFIED (48 HOURS IN ADVANCE) OF ANY EQUIPMENT OR MATERIAL DISPOSAL, AND GIVEN THE RIGHT OF REFUSAL. MATERIALS DESIGNATED FOR DISPOSAL SHALL BE DISPOSED OF IN A LEGAL MANNER.
 - ANY UNSCHEDULED DISTURBANCE OR DAMAGE SHALL BE REPAIRED PROMPTLY BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL FOR RE-USE. TOPSOIL NOT REQUIRED FOR DISTURBED AREAS WILL BECOME PROPERTY OF THE OWNER.
 - PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE "DIG SAFE" NOTIFICATION PROCEDURES. THE "DIG SAFE" TELEPHONE NUMBER FOR MASSACHUSETTS IS 1-800-344-7233.
 - CONTRACTOR SHALL USE CHESTNUT STREET AS THE PRIMARY ROUTE OF ACCESS TO THE SITE.
 - CONTRACTOR SHALL LOCATE AND PROTECT EXISTING DRAIN LINES AND STRUCTURES TO REMAIN.
 - SUGGESTED STOCKPILE LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS TO BE REQUESTED BY CONTRACTOR AND APPROVED BY OWNER.

LEGEND

- ANTI-TRACK PAD
- REMOVE AND DISCARD ASPHALT ONLY - RETAIN SUBBASE
- REMOVE AND DISCARD ASPHALT - STOCKPILE SUBBASE
- REMOVE AND STOCKPILE TOPSOIL
- REMOVE CHAIN LINK FENCE
- PROP. TREE REMOVAL (TYP.)
- PROP. UTILITY POLE REMOVAL (TYP.)
- PROP. TREE PROTECTION CLADDING (TYP.)
- PROP. TREE PROTECTION FENCING (TYP.)
- PROP. COMPOST FILTER TUBES
- CONSTRUCTION ACCESS



CONTINUED ON SHEET 6

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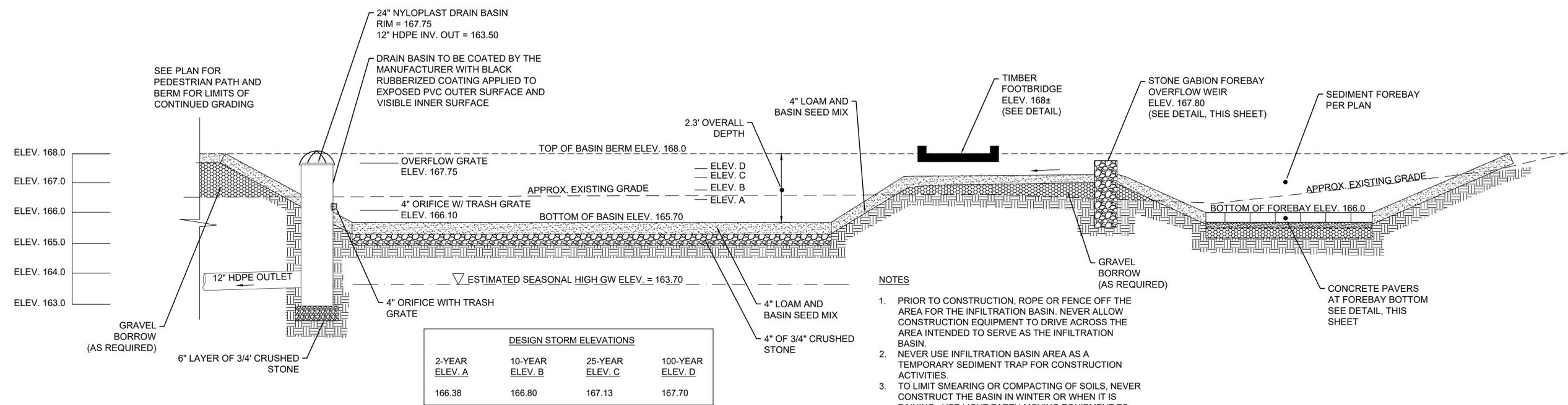
DRAWN/DESIGN BY: LD CHECKED BY: RH

STORMWATER DETAILS

SCALE: AS NOTED

MAY 19, 2020

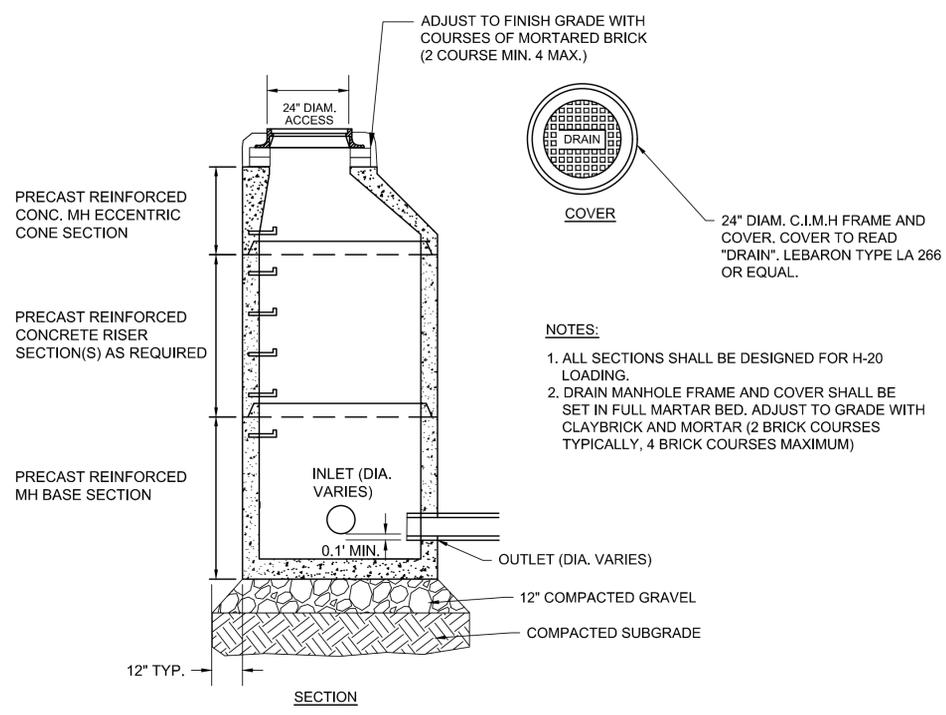
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DESIGN STORM ELEVATIONS			
2-YEAR ELEV. A	10-YEAR ELEV. B	25-YEAR ELEV. C	100-YEAR ELEV. D
166.38	166.80	167.13	167.70

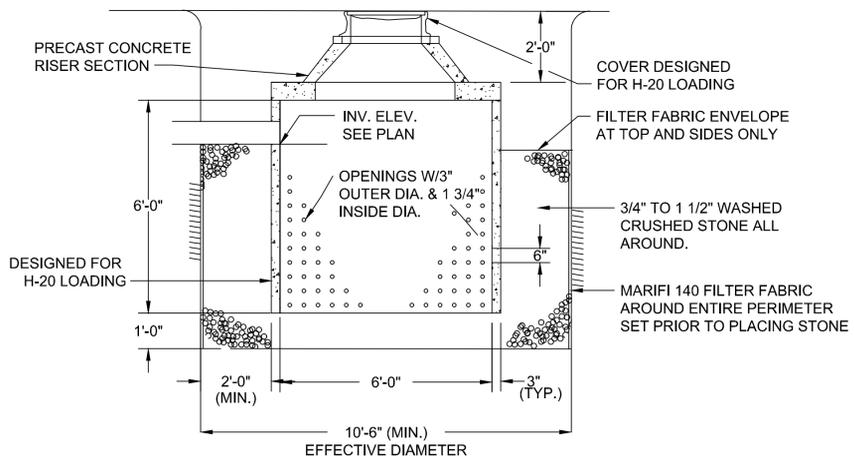
- NOTES
1. PRIOR TO CONSTRUCTION, ROPE OR FENCE OFF THE AREA FOR THE INFILTRATION BASIN. NEVER ALLOW CONSTRUCTION EQUIPMENT TO DRIVE ACROSS THE AREA INTENDED TO SERVE AS THE INFILTRATION BASIN.
 2. NEVER USE INFILTRATION BASIN AREA AS A TEMPORARY SEDIMENT TRAP FOR CONSTRUCTION ACTIVITIES.
 3. TO LIMIT SMEARING OR COMPACTING OF SOILS, NEVER CONSTRUCT THE BASIN IN WINTER OR WHEN IT IS RAINING. USE LIGHT EARTH-MOVING EQUIPMENT TO EXCAVATE THE INFILTRATION BASIN.
 4. AFTER FINAL GRADING, USE A ROTARY TILLER OR A DISC HARROW TO A DEPTH OF 12 INCHES TO RESTORE INFILTRATION RATES.
 5. IMMEDIATELY FOLLOWING BASIN CONSTRUCTION, STABILIZE THE FLOW AND SIDE SLOPES OF THE BASIN WITH THE INDICATED SEED MIX.

1 STORMWATER INFILTRATION BASIN
 NOT TO SCALE

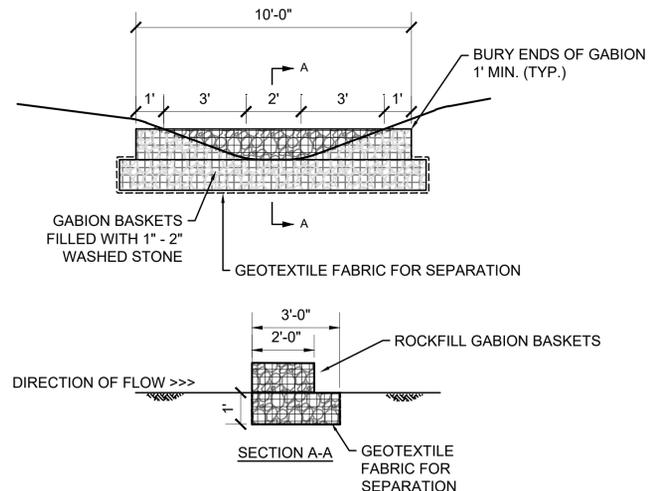


- NOTES:
1. ALL SECTIONS SHALL BE DESIGNED FOR H-20 LOADING.
 2. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAYBRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 4 BRICK COURSES MAXIMUM)

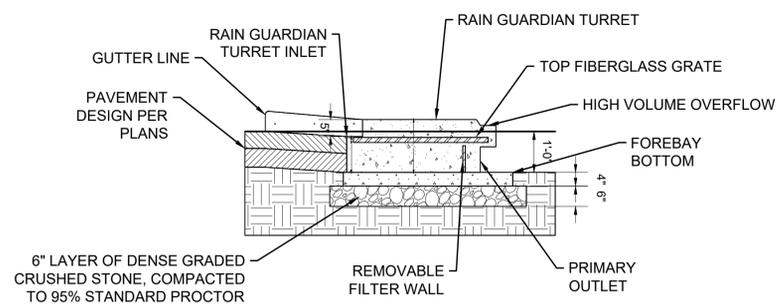
2 PRECAST CONCRETE DRAIN MANHOLE
 NOT TO SCALE



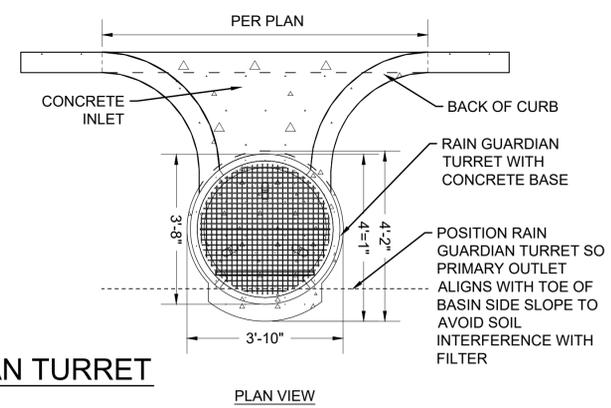
3 LEACHING BASIN
 NOT TO SCALE



4 STONE GABION WEIR
 NOT TO SCALE



5 RAIN GUARDIAN TURRET
 NOT TO SCALE



PLAN VIEW

