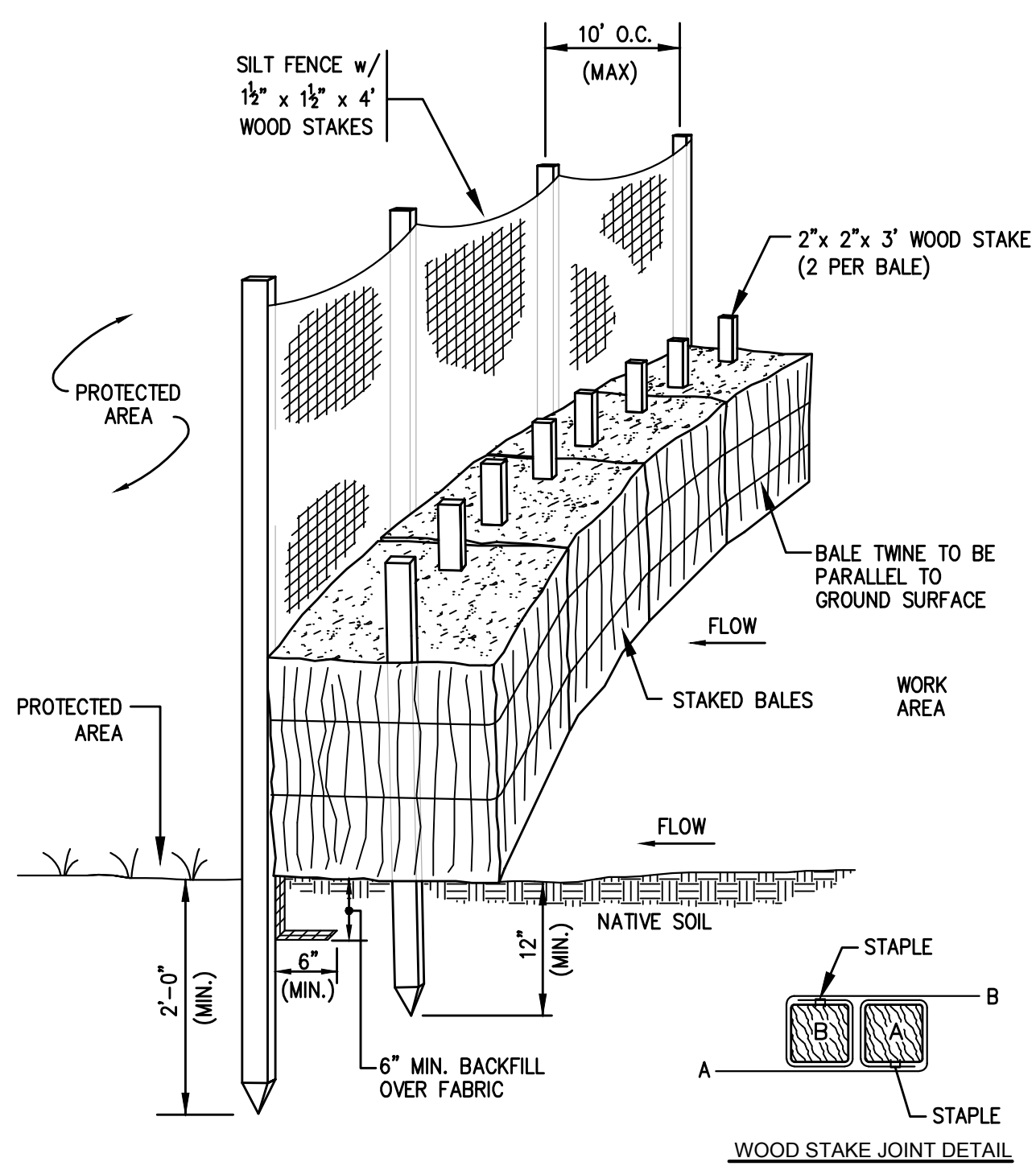


SITE LEGEND

EXISTING	NEW	DESCRIPTION
		STORM DRAIN
		ELECTRIC (UNDERGROUND)
		DOWNSPOUT DRAIN
		OVERHEAD WIRE
		PROPERTY LINE
		SANITARY SEWER
		GARAGE WASTE
		DOMESTIC WATER SERVICE
		UNDERGROUND ELECTRIC PRIMARY SERVICE
		UNDERGROUND ELECTRIC SECONDARY SERVICE
		UNDERGROUND TELEPHONE SERVICE
		UNDERGROUND CABLE TV & FIBER OPTIC
		UNDERGROUND SITE LIGHTING SERVICE
		CONTOUR
		PRECAST CONC. CURB
		VERTICAL GRANITE CURB
		SPOT GRADE
		CHAINLINK FENCE
		CONSTRUCTION CHAINLINK FENCING
		DRAIN MANHOLE
		WATER QUALITY STRUCTURE
		FLARED END STRUCTURE
		SEWER MANHOLE
		CATCH BASIN
		DOUBLE GRATE CATCH BASIN
		UTILITY POLE
		CONCRETE THRUST BLOCK
		FIRE HYDRANT
		GATE VALVE AND CURB BOX
		HANDICAP SYMBOL (PRKG. SPACE)
		ELECTRIC MANHOLE
		TELEPHONE MANHOLE
		ELECTRIC PULL BOX
		SIGHT LIGHT POLE
		FIRE DEPARTMENT CONNECTION
		WETLAND
		BORING LOCATION
		TEST PIT LOCATION
		POINT OF CONNECTION TO EXISTING
		EXISTING TO REMAIN
		FINISH FLOOR ELEVATION (FIRST FLOOR)
		FURNISH AND INSTALL
		GROUND CLEANOUT
		INVERT ELEVATION
		NOT TO SCALE
		WATER QUALITY STRUCTURE
		VERIFY IN FIELD

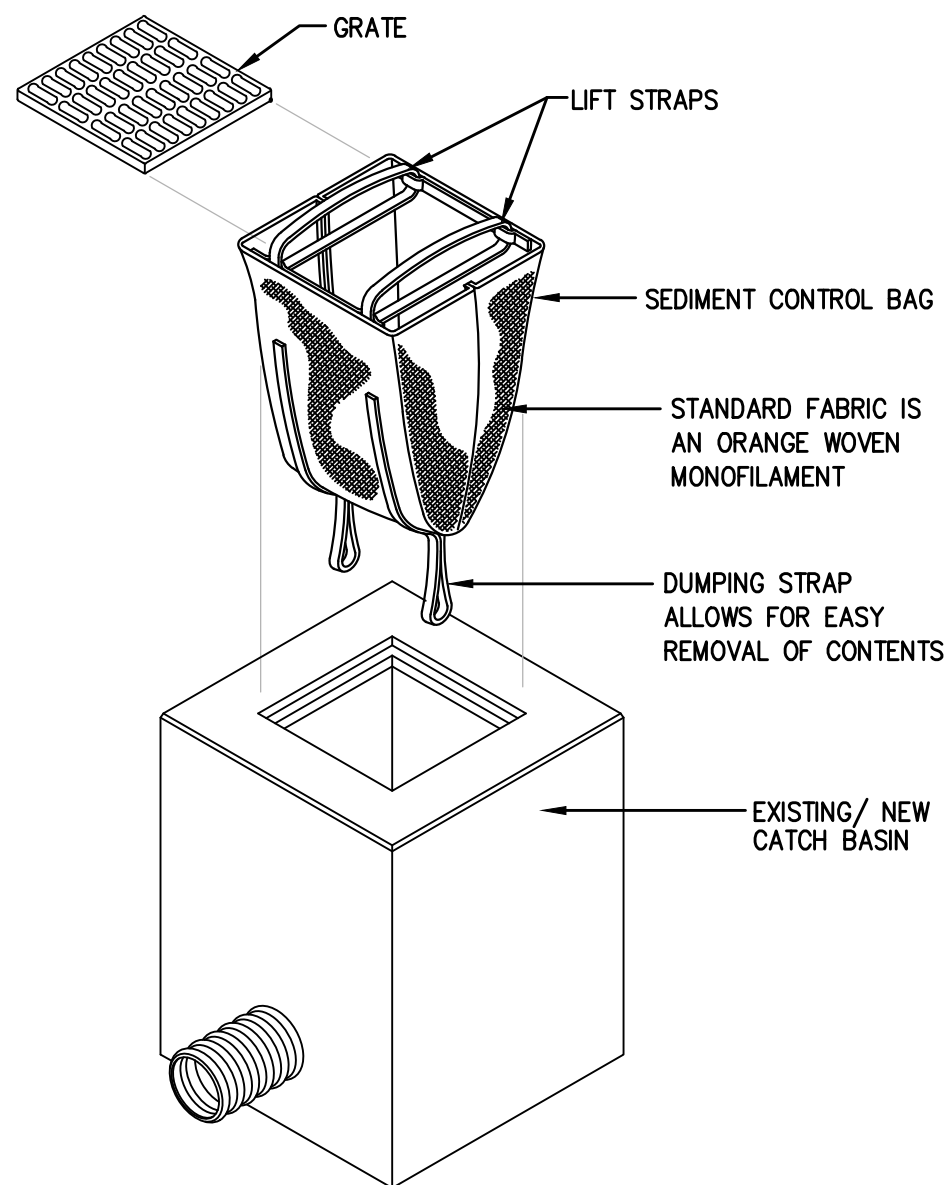


1
C001

DETAIL OF HAYBALE & SILT BARRIER
N.T.S.

GENERAL NOTES

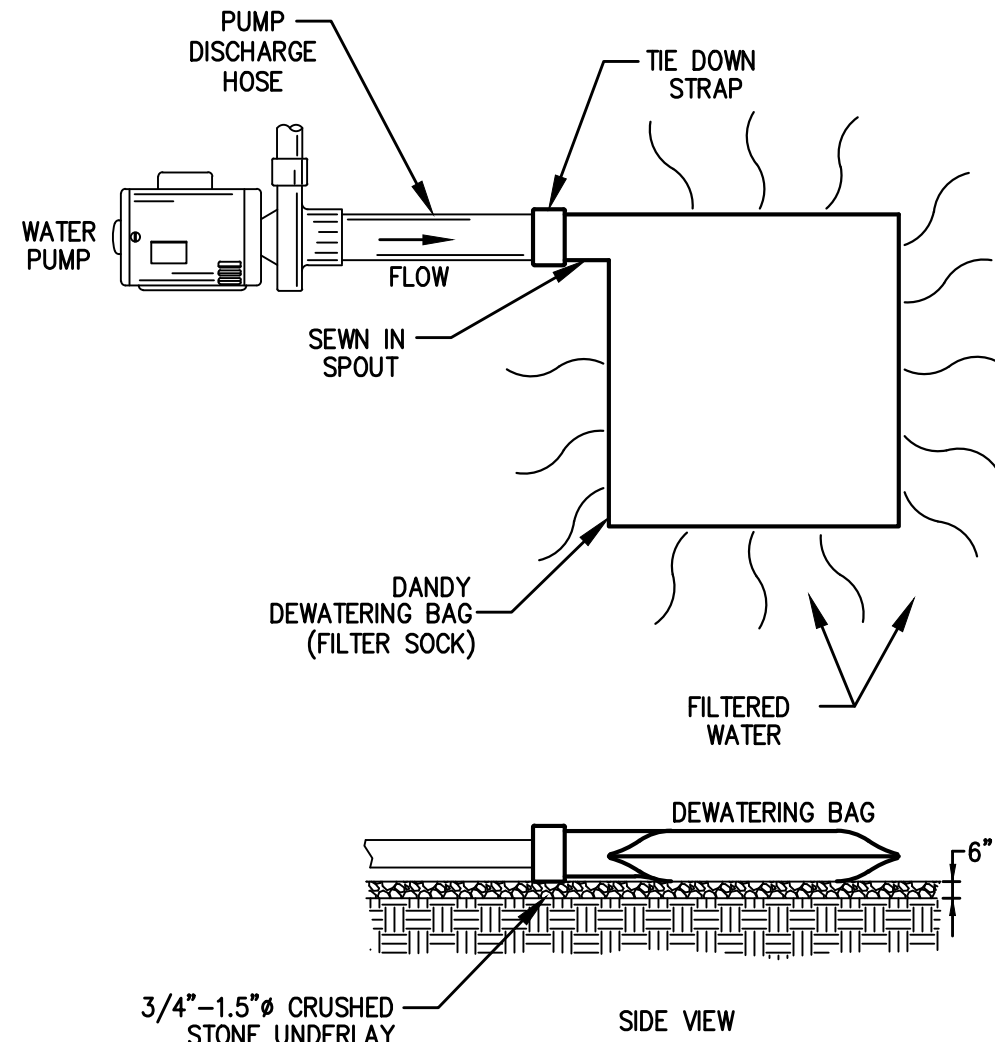
1. EXISTING CONDITIONS SHOWN WERE TAKEN FROM EXISTING CONDITIONS PLAN OF LAND PREPARED BY LAND PLANNING, INC. FOR THE TOWN OF LEICESTER, DATED JULY 29, 2016.
2. CONTRACTOR SHALL RETAIN THE SERVICES OF A REGISTERED LAND SURVEYOR TO LAYOUT ON THE GROUND ALL NEW ELEMENTS OF WORK. THE NEW WORK IS TO BE COMPLETED, MARKED, AND LAID OUT ON THE GROUND, REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. IF ANY WORK IS INSTALLED PRIOR TO THE ABOVE REQUIREMENT BEING MET, AND IF THE WORK IS NOT SATISFACTORY IN LAYOUT TO THE ARCHITECT, CONTRACTOR SHALL REPLACE THE WORK AT NO COST.
3. PRIOR TO ANY EXCAVATION, IN ADDITION TO "DIG SAFE", NOTIFY APPROPRIATE UTILITY COMPANY OR AUTHORITY TO VERIFY EXACT DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES. LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT UTILITIES IN THE FIELD WHETHER OR NOT SHOWN ON THE DRAWINGS.
4. THE DOCUMENTS MAY INDICATE RESULTS OF BORINGS AND/OR TEST PITS. THESE INVESTIGATIONS AND RESULTANT INTERPRETATIONS WERE MADE FOR THE SOLE PURPOSE OF PROVIDING DESIGN DATA FOR THE USE OF THE DESIGN TEAM ONLY. INTERPRETATION OF THE DATA FOR PURPOSES OF CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. DURING THE COURSE OF CONSTRUCTION, ALL INTERPRETATIONS OF SOIL SUITABILITY SHALL BE MADE BY THE ARCHITECT. THE DECISION OF THE ARCHITECT SHALL BE FINAL AND BINDING ON THE CONTRACTOR.
5. REFER TO THE SPECIFICATIONS. IN ADDITION TO THOSE REQUIREMENTS, SITE PREPARATION SHALL ALSO INCLUDE THE FOLLOWING:
 - A. IN THE COURSE OF INSTALLING THE UNDERGROUND UTILITIES, REMOVE ANY ABANDONED FOUNDATION, UTILITY STRUCTURES, ETC., ENCOUNTERED WHICH INTERFERE WITH THE UTILITY WORK. ALL SUCH STRUCTURES SHALL BE COMPLETELY REMOVED AND SHALL BE BACKFILLED WITH GRAVEL COMPACTED IN 9" LIFTS TO 95% COMPACTION TO 6" BELOW THE BOTTOM OF THE PIPE AND UTILITY.
 - B. IF DURING EXCAVATION THE TRENCH WIDTH EXCEEDS THE SUM OF THE PIPE O.D. PLUS 2'-0", PLACE AND COMPACT THE FILL TO 12" ABOVE THE PIPE AND RE-EXCAVATE TO REQUIRED GRADES.
 - C. AT THE POINT WHERE BULK EARTH MOVING HAS BEEN COMPLETED TO THE SUBGRADE LEVEL AND PRIOR TO PLACING UTILITIES, CURBS, OR PAVING, PROOF THE ENTIRE AREA IN THE PRESENCE AND UNDER THE SUPERVISION OF THE SOILS LABORATORY. PROOF- ROLLING SHALL CONSIST OF MAKING NOT LESS THAN (5) PASSES OVER THE AREA WITH A VIBRATOR DRUM ROLLER WEIGHING AT LEAST 10,000 lbs. THE SOILS LAB WILL CONDUCT FIELD DENSITY TESTS AND WILL DETERMINE CORRECTIVE MEASURES TO BE DONE, IF ANY, BASED ON THE PROOF-ROLLING.
6. ALL UTILITY WORK SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL TOWN SPECIFICATIONS.
7. FIRE SERVICE PIPING SHALL BE CLASS 52 DOUBLE CEMENT LINED DUCTILE IRON WITH TYTON JOINTS. FITTINGS SHALL BE 350 LB. GREY IRON CASTINGS WITH MECHANICAL JOINT ENDS. ALL BENDS, TEES, ETC., SHALL BE JOINT RESTRAINED BY THE USE OF CONCRETE THRUST BLOCKS.
8. WATER SERVICE PIPING SMALLER THAN 4" SHALL BE TYPE-K COPPER TUBING CONFORMING TO AWWA REQUIREMENTS WITH A 200 PSI RATING, AND WITH A CTS CURB STOP VALVE WITH NO WASTE DRAIN. METALLIC LAPPED JOINT TAPE SHALL BE PRINTED ON THE TAPE INDICATING A BURIED WATER LINE SHALL BE INSTALLED ON (1) FOOT ABOVE THE PIPE.
9. STORM DRAINS 12" AND OVER SHALL BE ADS N-12 WATER TIGHT (WT) HDPE PIPE (4-20) WITH WATER TIGHT RUBBER GASKET JOINT UNLESS NOTED OTHERWISE. JOINTS SHALL MEET OR EXCEED ASTM D3212 LOST TEST AND ASTM C969 WATERIGHT EXFILTRATION FIELD TEST.
10. SEWER PIPING AND STORM DRAINS 10" AND UNDER SHALL BE MANVILLE ASTM D3034 SDR-35 P.V.C. SEWER PIPE WITH PUSH-ON RUBBER JOINT JOINTS. JOINTS SHALL MEET OR EXCEED ASTM F1417 WATERIGHT FIELD TEST.
11. SEWER LINES SHALL BE INSTALLED AT MINIMUM 10 FOOT HORIZONTAL SEPARATION FROM ANY PROPOSED OR EXISTING WATER LINES.
12. WHENEVER SEWER LINES MUST CROSS WATER LINES THE SEWER SHALL BE INSTALLED SO THAT THE TOP OF THE SEWER IS AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN. WHERE 18 INCH VERTICAL SEPARATION & 10 FEET HORIZONTAL SEPARATION CAN NOT BE MET AT WATER AND SEWER CROSSINGS, BOTH THE WATER AND SEWER PIPE SHALL BE CONSTRUCTED OF MECHANICAL JOINT CEMENT-LINED DUCTILE IRON WITH A MINIMUM DISTANCE OF 10 FEET ON EACH SIDE OF CROSSING. BOTH PIPES SHALL BE PRESSURE TESTED BY AN APPROVED METHOD TO ASSURE WATER TIGHTNESS.
13. WHENEVER UTILITIES OR STRUCTURES ARE TO BE INSTALLED WITHIN CITY/TOWN PUBLIC OR PRIVATE LAYOUT, THE EXCAVATION SHALL BE BACKFILLED WITH FLOWABLE FILL. ALL AREAS OF ROADWAY PAVEMENT & WALKWAYS DISTURBED DURING CONSTRUCTION SHALL BE RE-PAVED PER LOCAL DPW STANDARDS.
14. WHENEVER ELECTRIC DUCT BANKS/CONDUITS MUST CROSS ANY UTILITY LINE SERVICE THE ELECTRIC DUCT BANKS/CONDUITS SHALL BE INSTALLED SO THAT THE BOTTOM OF THE ELECTRIC DUCT BANKS/CONDUITS ARE AT LEAST 12" ABOVE THE TOP OF THE UTILITY SERVICE. WHERE 12 INCH VERTICAL SEPARATION CAN NOT BE MET ABOVE THE TOP OF THE UTILITY SERVICE, THE ELECTRIC DUCT BANKS/CONDUITS SHALL BE RUN 12" BELOW THE BOTTOM OF THE UTILITY SERVICE.
15. 20 DAYS PRIOR TO COMMENCING CONSTRUCTION WORK ON SITE, THE CONTRACTOR SHALL PREPARE AND SUBMIT A SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR REVIEW BY THE ENGINEER.
16. IN THE EVENT THE CONTRACTOR IS TO INSTALL TOP COURSE OF PAVEMENT 60 OR MORE DAYS AFTER INSTALLATION OF BINDER COURSE, THE CONTRACTOR SHALL INSTALL ALL CATCH BASIN GRATES AND MANHOLE COVERS AT GRADE WITH BINDER COURSE AND SHALL BE RESPONSIBLE FOR RAISING STRUCTURES TO FINISHED GRADE.
17. IN THE EVENT THE CONTRACTOR IS TO INSTALL TOP COURSE OF PAVEMENT 60 OR MORE DAYS AFTER INSTALLATION OF BINDER COURSE, THE CONTRACTOR SHALL INSTALL ALL CATCH BASIN GRATES AND



2 SEDIMENT CONTROL BAG
C001 N.T.S.

EROSION & SEDIMENT CONTROL NARRATIVE

- EROSION CONTROL MEASURES SHOWN HEREIN ARE A MINIMUM. CONTRACTOR SHALL FURNISH THE SERVICES OF AN INDEPENDENT PROFESSIONAL ENGINEER OR A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL TO PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP). PRIOR TO COMMENCEMENT OF DEMOLITION SITE PREPARATION OR EARTHWORK SAVED PLAN SHALL BE IMPLEMENTED. THE INITIAL METHOD OUTLINED IS INTENDED TO ROUTE ALL PRACTICABLE SURFACE WATER FROM THE EXCAVATION AREA INTO EROSION CONTROL FACILITIES. THE CONTRACTOR SHALL INSTALL ANY ADDITIONAL PROTECTIVE MEASURES AS MAY BE REQUIRED TO CONTROL EROSION AND SEDIMENT RUNOFF FROM THE SITE DURING CONSTRUCTION.
2. STAKE THE LIMIT OF WORK TO ENSURE THAT ALL WORK WILL BE INSIDE THE EROSION CONTROL FACILITY. THE LIMIT OF WORK WILL BE INDICATED BY ORANGE CONSTRUCTION MESH. THE MESH WILL INCLUDE BUILDINGS, PARKING FACILITIES, ACCESS ROADS, DETENTION/RETENTION BASINS, EQUIPMENT STAGING AREAS AND ALL MATERIAL STOCKPILE AND HANDLING AREAS.
3. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES ON SITE, A PRE-CONSTRUCTION CONFERENCE SHALL ORGANIZED BY THE CONTRACTOR AND BE HELD ON SITE TO ESTABLISH SUPERVISORY AND INSPECTION PROCEDURES FOR SEDIMENT AND EROSION CONTROL MEASURES. THIS MEETING SHALL BE ATTENDED BY THE CONTRACTOR, APPLICANT/OWNER, ARCHITECT AND THE CONSERVATION COMMISSION AGENT.
4. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR PROTECTION OF ANY LANDS OR PROPERTIES AS MAY BE SUBJECT TO ANY AFFECT OR BY-PRODUCT OF HIS DEMOLITION/CONSTRUCTION EFFORT. SPECIAL CARE SHALL BE TAKEN TO AVOID EROSION OF FILL OR CUT SLOPES/ON ADJACENT PROPERTIES OR DOWNSTREAM SILTATION OF DIVERSION OF EXISTING DRAINAGE. ANY DAMAGE IS TO BE CORRECTED IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE OWNER.
5. GENERAL SEQUENCE SHALL BE AS FOLLOWS:
 - A. ESTABLISH HAYBALE/SILT BARRIER & CONSTRUCTION FENCE PRIOR TO ANY EARTHWORK
 - B. INSTALL SITE ENTRANCE MATS AT SITE CONSTRUCTION ENTRANCES AS DETAILED
 - C. CONSTRUCT TEMPORARY SETTLING BASIN AND INSTALL EROSION CONTROL DEVICES.
 - D. CLEAN AND GRUB VEGETATION AS REQUIRED. REMOVE AND DISPOSE OF ALL STUMPS FROM SITE.
 - E. PERFORM MASS EARTHWORK AND ROCK EXCAVATION FOR THE SITE.
 - F. PROTECT ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES FROM SEDIMENT BY THE USE OF DANDY BAGS AND HAY BALES AT CATCH BASIN AS DETAILED.
6. AT NO TIME SHALL SILT LADEN WATER BE ALLOWED TO ENTER ENVIRONMENTALLY SENSITIVE AREAS AND EXISTING OR NEW DRAINAGE SYSTEMS. RUNOFF FROM DISTURBED SURFACES SHALL BE DIRECTED THROUGH SETTLING BASINS AND EROSION CONTROL MEASURES PRIOR TO ENTERING ANY ENVIRONMENTALLY SENSITIVE AREAS OR THE DRAINAGE SYSTEM.
7. DEWATER ALL EXCAVATIONS AND TRENCHES, AS REQUIRED, WITH DEWATERING BAGS AND OUTFALLS AT CONTROLLED TEMPORARY SETTLING BASINS.
8. INSTALL SILT BARRIER AROUND STOCKPILE AREAS, TRUCK WASH DOWN AREAS AND VEHICLE FUELING AREAS.
9. INSTALL TEMPORARY SEED OR MULCH AND EROSION CONTROL BLANKETS (ECB) TO ALL AREAS IMMEDIATELY UPON FORMATION OF GRADES.
10. SURFACE STABILIZATION MUST BE IMPLEMENTED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY IN A PORTION OF THE SITE THAT HAS CEASED OR IS TEMPORARILY HALTED.
11. TRUCK WASH DOWN AREA SHALL BE 20'(L)x20'(W) AT A MINIMUM SURROUNDED BY STONE REINFORCED SILT BARRIER. ACCUMULATED CONCRETE SHALL BE EITHER RECYCLED ON SITE OR DISPOSED OF AT AN APPROVED OFF-SITE LOCATION.
12. CONTRACTOR REFUELING AREA SHALL BE 20'(L)x20'(W) AT A MINIMUM SURROUNDED BY STONE REINFORCED SILT BARRIER. AREA SHALL BE SCRAPED AND REDRESSED MONTHLY. THE DEPTH SHALL BE DETERMINED IN THE FIELD. SCRAPED MATERIAL SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED OFF-SITE LOCATION.
13. AS SOON AS TOP SURFACE OF PAVEMENT IS COMPLETED, ALL DRAINAGE STRUCTURES MUST BE CLEANED OF ANY ACCUMULATED SEDIMENT. THEREAFTER, CLEAN UP SHOULD FOLLOW LONG TERM MAINTENANCE PLAN.
14. CONTINUALLY MONITOR ALL SILT BARRIER AND EROSION CONTROL DEVICES ON A WEEKLY BASIS. REPAIR ANY DAMAGED AREAS IMMEDIATELY. REMOVE ALL CAPTURED SEDIMENT AS REQUIRED AND DISPOSE OF. INSTALL ADDITIONAL MEASURES AS DIRECTED BY THE OWNER, LOCAL DPW, CONSERVATION OFFICER AND THE ARCHITECT/ENGINEER.
15. CONTRACTOR SHALL REDUCE SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES AS REQUIRED BY CONSTRUCTION ACTIVITIES. CONSTRUCTION ACTIVITIES SHALL BE SO SCHEDULED SO THAT THE LEAST AREA OF DISTURBED SOIL IS EXPOSED AT ONE TIME. IN DISTURBED AREAS NOT SUBJECT TO TRAFFIC, CONTRACTOR SHALL USE TEMPORARY SEEDING AND MULCHING OPERATIONS. IN DISTURBED AREAS SUBJECT TO TRAFFIC, CONTRACTOR SHALL SPRINKLE SURFACE WITH WATER TO MINIMIZE DUST. DUST CONTROL MEASURES SHALL BE MAINTAINED THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
16. REMOVE CONSTRUCTION FENCE, SILT BARRIER AND EROSION CONTROL MEASURES ONLY AFTER ESTABLISHMENT OF PERMANENT VEGETATION.



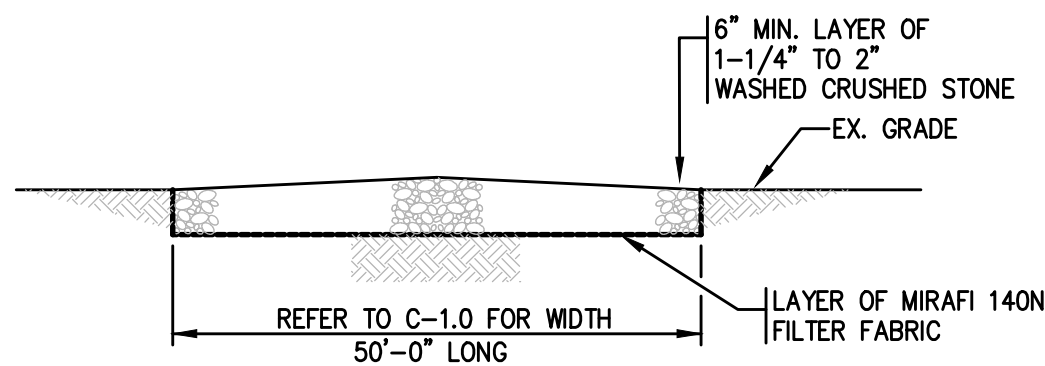
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C001

DETAIL OF DEWATERING BAG
SCALE: N.T.S.

SITE OPERATIONAL PROCEDURES

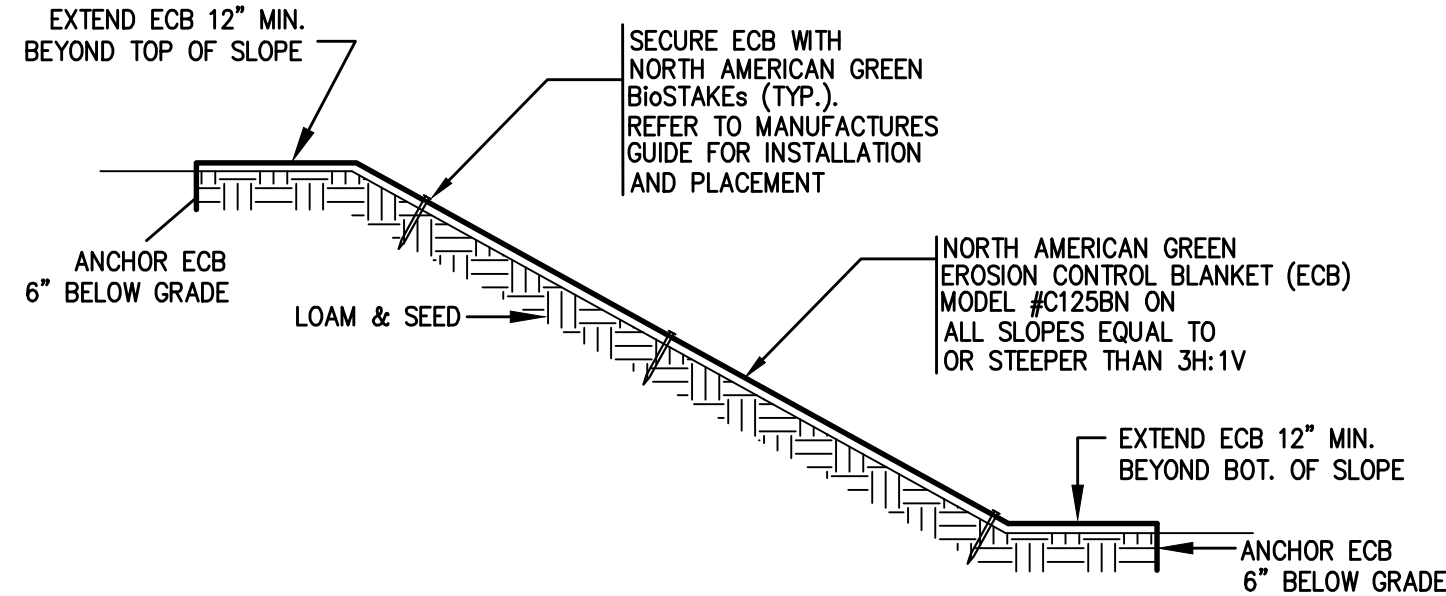
OPERATION PROCEDURES DURING CONSTRUCTION SHALL BE BY THE CONTRACTOR AFTER PROJECT COMPLETION
OPERATION PROCEDURES SHALL BE THE RESPONSIBILITY OF THE OWNER AND ARE AS FOLLOWS:

- GOOD HOUSE KEEPING AND MATERIAL MANAGEMENT REDUCES THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE DEVELOPED BY THE CONTRACTOR WHICH SHALL INCLUDE THE FOLLOWING AT A MINIMUM:
- A. ALL MATERIALS STORED ON-SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
 - B. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
 - C. SUBSTANCES SHOULD NOT BE MIXED WITH ONE ANOTHER, UNLESS RECOMMENDED BY THE MANUFACTURER.
 - D. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF A CONTAINER.
 - E. THE SYSTEM'S MANAGER SHALL INSPECT THE SITE DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE, DURING ALL CONSTRUCTION PHASES.
 - F. ORIGINAL MATERIALS LABELS AND MATERIAL SAFETY DATA SHEETS SHALL BE KEPT; THEY RETAIN IMPORTANT INFORMATION.
 - G. PETROLEUM PRODUCTS:
 1. ALL ON-SITE VEHICLES AND PARKING AREAS SHALL BE REGULARLY MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO PREVENT LEAKAGE.
 2. PETROLEUM PRODUCTS SHALL BE STORED UNDER COVER AND SHALL BE IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.
 - H. FERTILIZERS:
 1. FERTILIZERS SHALL ONLY BE USED IN THE MINIMUM AMOUNTS AS RECOMMENDED BY THE MANUFACTURER.
 2. THE CONTENTS OF ANY UN-USED FERTILIZER SHALL BE TRANSFERRED TO A CLEARLY LABELED, SEALABLE PLASTIC BIN, TO AVOID SPILLAGE.
 - I. PAINTS, SOLVENTS.
 1. ALL PAINTS AND SOLVENTS SHALL BE STORED IN ORIGINAL MANUFACTURER'S CONTAINERS IN A COVERED LOCATION.
 2. THE USE OF PAINTS AND SOLVENTS SHALL, WHENEVER POSSIBLE, BE LIMITED TO SERVICE OR STORAGE BAYS. WHERE NOT POSSIBLE, THE WORK AREA SHALL BE PROTECTED WITH IMPERMEABLE DROP CLOTHES OR TARPS. AT NO POINT SHALL PAINT AND SOLVENTS BE USED IN PARKING OR ACCESS WAYS THAT ARE TRIBUTARY TO THE DRAINAGE SYSTEM.
2. SPILL CONTROL PRACTICES:
- A. MANUFACTURER'S RECOMMENDED METHODS SHALL BE CLEARLY POSTED FOR SPILL CLEAN-UP AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF CLEAN-UP INFORMATION AND SUPPLIES.
 - B. MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEAN-UP WILL BE KEPT ON-SITE, IN A DESIGNATED MATERIAL STORAGE AREA. EQUIPMENT WILL INCLUDE, BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, ABSORBENT MATERIALS, SAND, SAWDUST AND PLASTIC & METAL TRASH CONTAINERS SPECIFICALLY KEPT AND LABELED FOR THIS PURPOSE.
 - C. ALL SPILLS WILL BE CLEANED-UP IMMEDIATELY AFTER DISCOVERY.
 - D. SPILLS OF TOXIC OR HAZARDOUS MATERIAL OR NATURE WILL BE REPORTED TO THE APPROPRIATE STATE, LOCAL OR FEDERAL AGENCY, AS REQUIRED BY-LAW.
 - E. THE SPILL PREVENTION PLAN WILL INCLUDE PROVISIONS TO ADAPT THE PLAN TO ENSURE THAT SPILLS WILL NOT REOCCUR, AND HOW TO CLEANUP THE SPILL IF THERE IS ANOTHER ONE.
3. SITE OPERATIONS AND DAILY USE SHALL CONSIDER THE ULTIMATE DISPOSITION OF STORMWATER AND OTHER SITE-GENERATED FORMS OF RUNOFF. THE WASHING OF VEHICLES SHALL BE LIMITED AREAS WITHIN THE BUILDING, AS THEY ARE SERVED BY THE FLOOR DRAIN SYSTEM. WASH WATER WITH ITS COMBINATION OF SOLVENTS, DETERGENTS AND OIL/GREASES SHOULD NOT BE ALLOWED TO ENTER ANY PART OF THE ON-SITE DRAINAGE SYSTEM.
4. SNOW PLOWING- SNOW PLOWING OPERATIONS SHALL STOCKPILE SNOW, ICE AND ACCUMULATED MATERIALS IN AREAS WHERE SNOW MELT WILL FLOW INTO THE ON-SITE DRAINAGE SYSTEMS, INCLUDING DRAINAGE BASINS. NO PLOWING OR STORAGE OF SNOW INTO WETLANDS OR BIO-RETENTION AREAS.
5. SALT USE SITE-WIDE SHALL BE APPLIED TO THE MINIMUM EXTENT POSSIBLE TO MAINTAIN SAFE CONDITIONS, AND ONLY IF NOT SPECIFICALLY EXCLUDED BY ANY SPECIAL CONDITIONS AS PART OF AN ORDER OF CONDITIONS ISSUED BY THE PLANNING BOARD.



4 SITE ENTRANCE MAT DETAIL

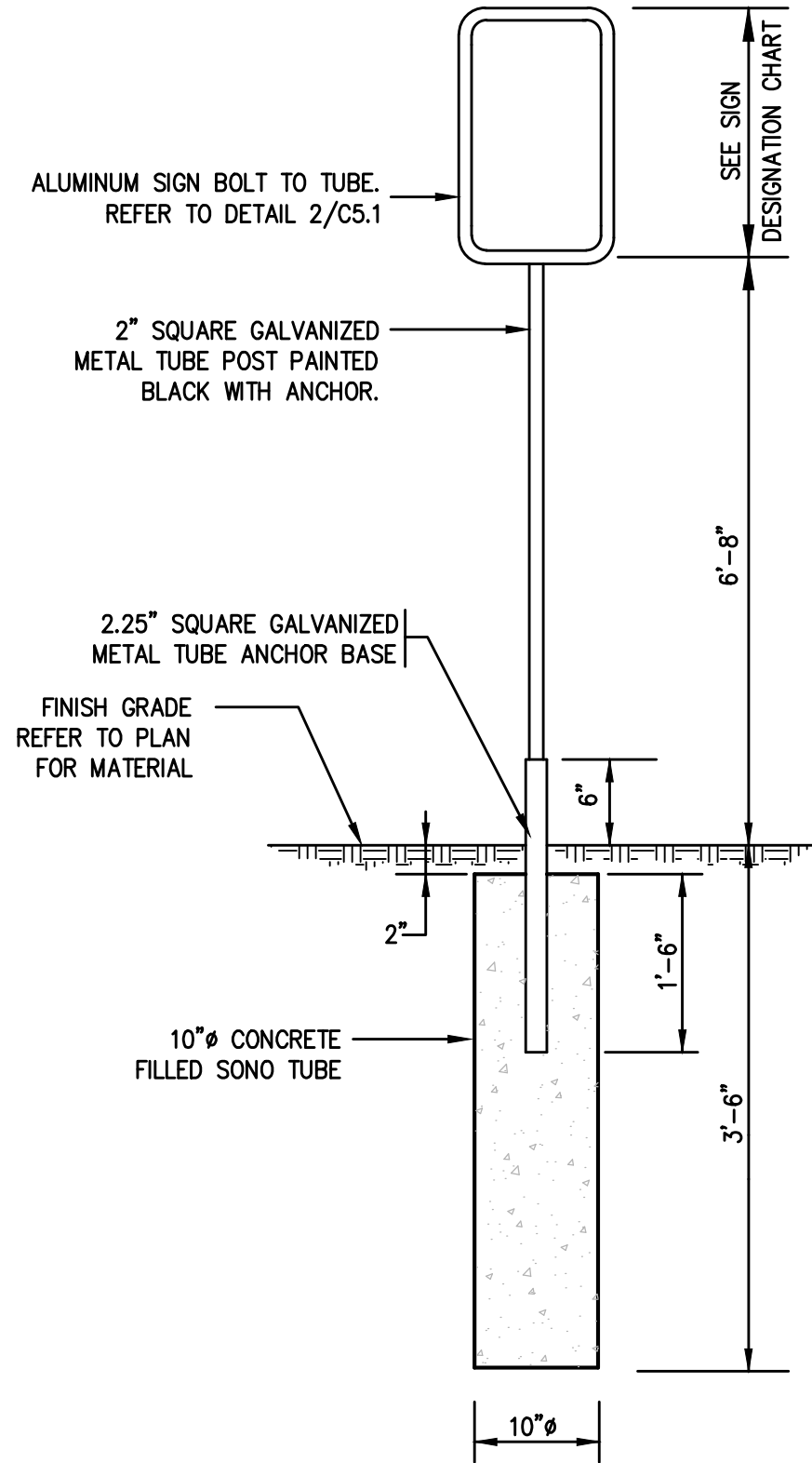
NOTE: IN THE EVENT THE CONTRACTOR IS TO INCLUDE ADDITIONAL SITE ENTRANCES ONTO THE PROJECT SITE, THE CONTRACTOR SHALL FURNISH & INSTALL AT NO ADDITIONAL COST TO THE OWNER AND SHALL CONFORM WITH THE SITE ENTRANCE MAT DETAIL.



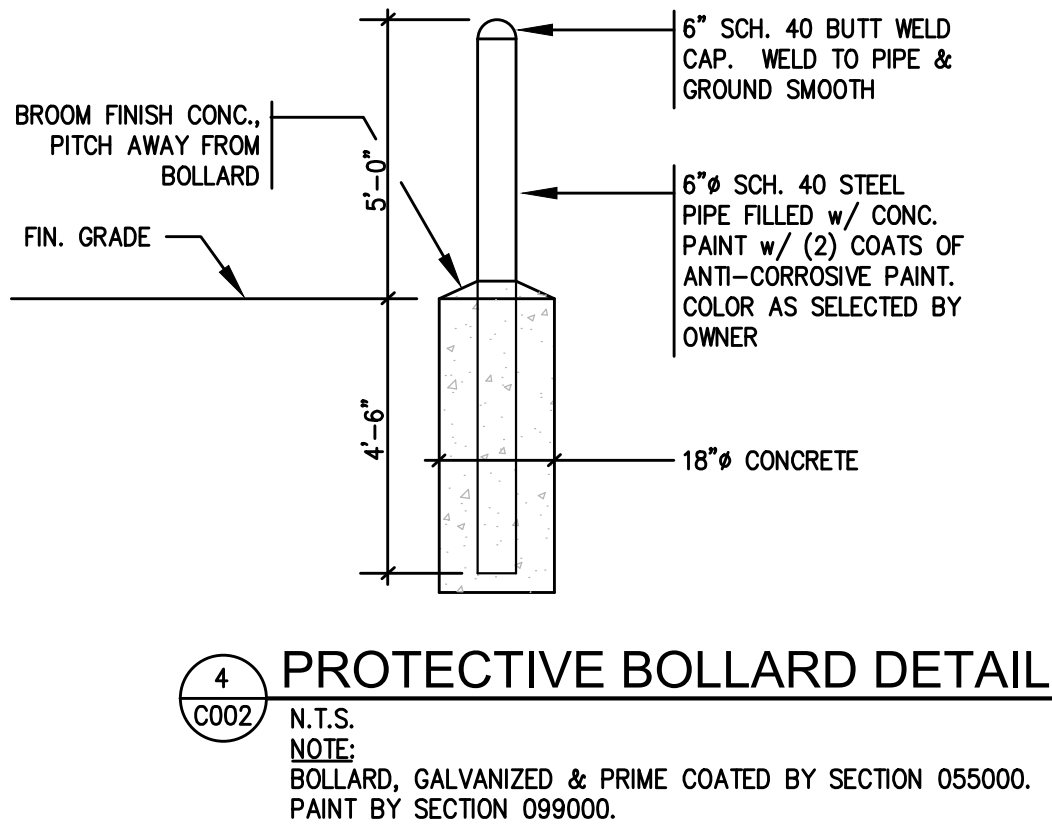
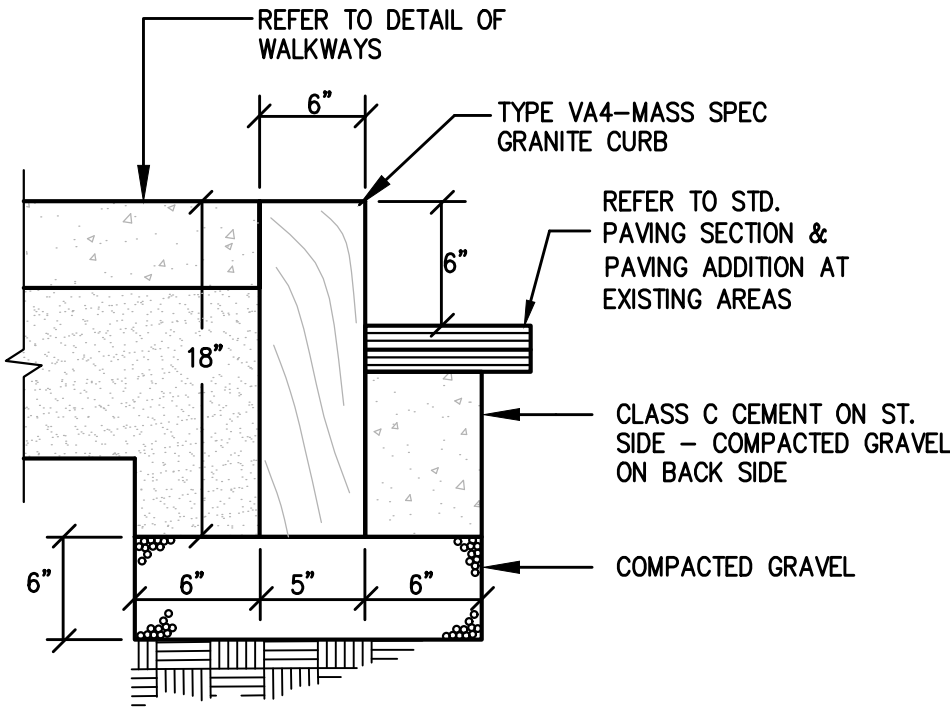
5 SLOPE PROTECTION TREATMENT DETAIL
C001 N.T.S.

SIGN DESIGNATION CHART			
SIGN DESIGNATION	HEIGHT	WIDTH	SIGN
R1-1 (STOP)	30"	30"	
R6-1R (ONE WAY)	12"	36"	
R7-8 (ACCESSIBLE PARKING)	18"	12"	
R7-8b (VAN ACCESSIBLE)	6"	12"	

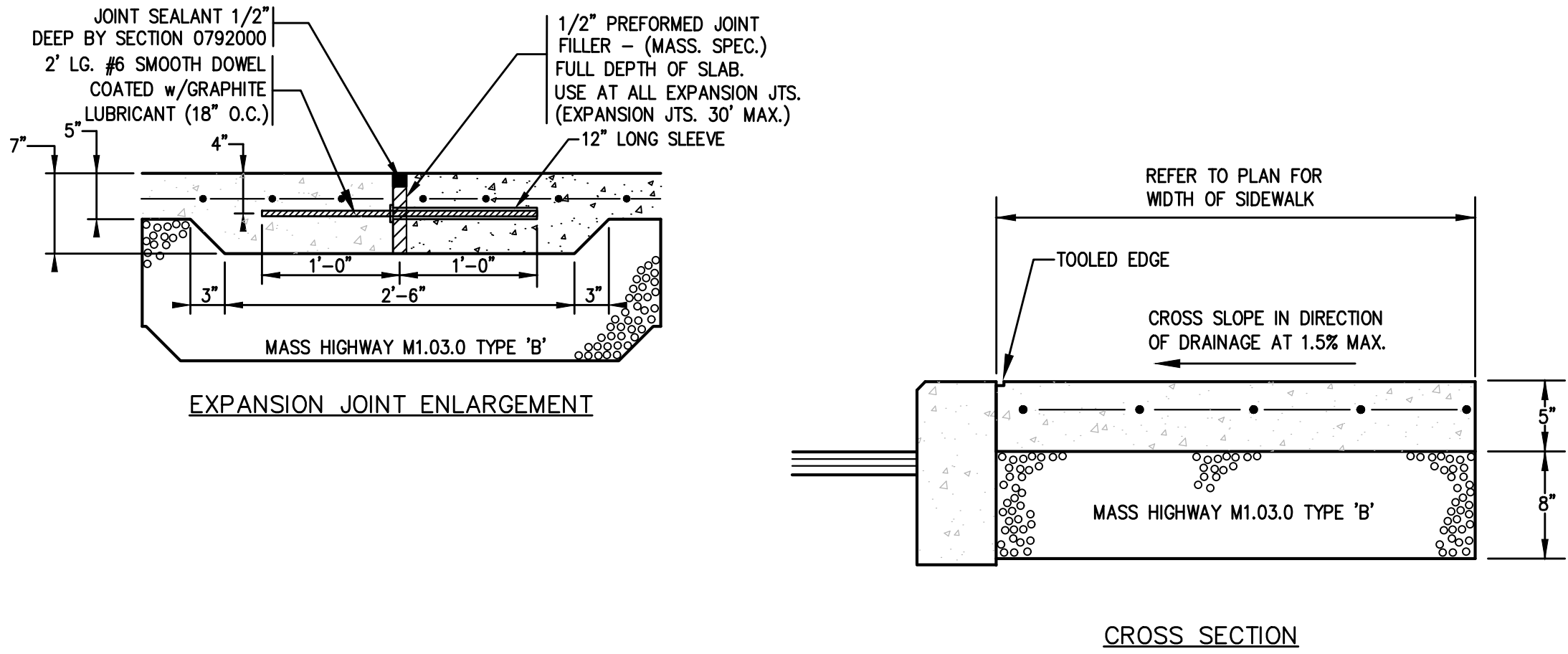
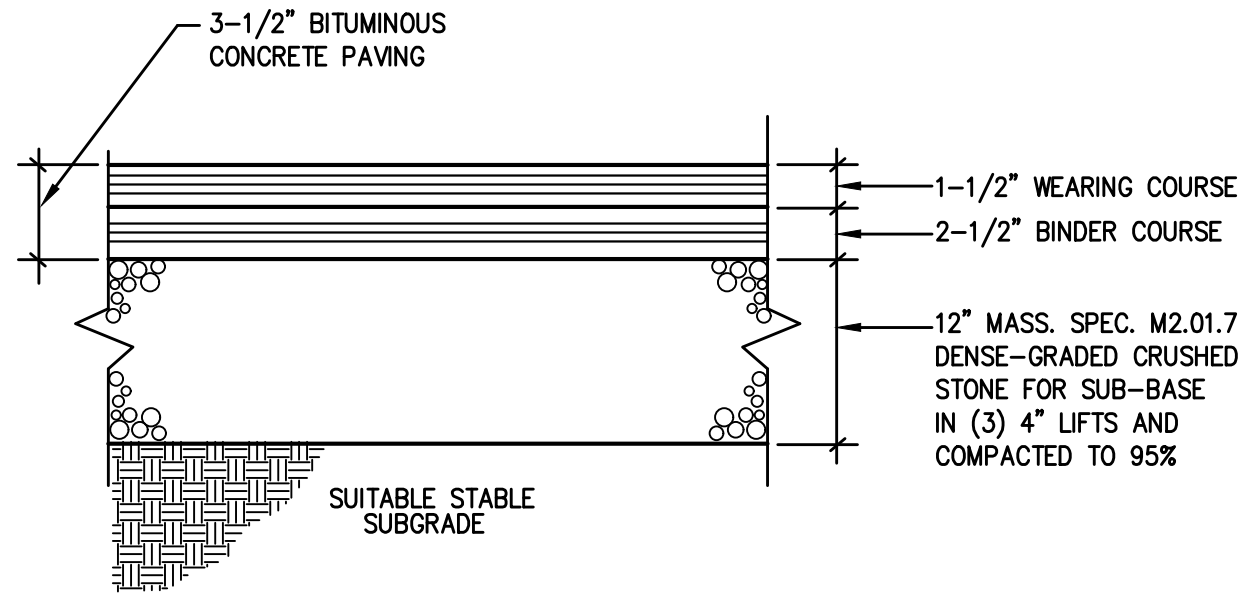
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C002 SIGN POST & SIGN LAYOUT DETAIL
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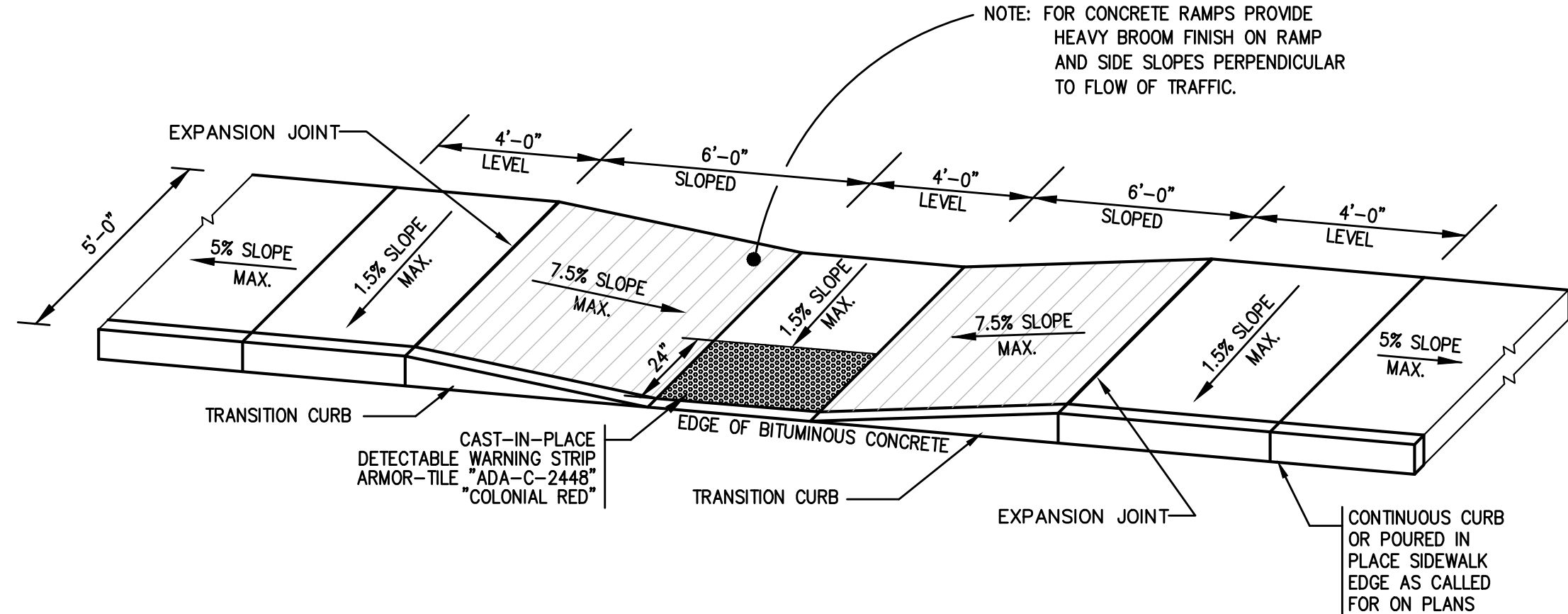
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C002 DETAIL OF VERTICAL GRANITE CURB
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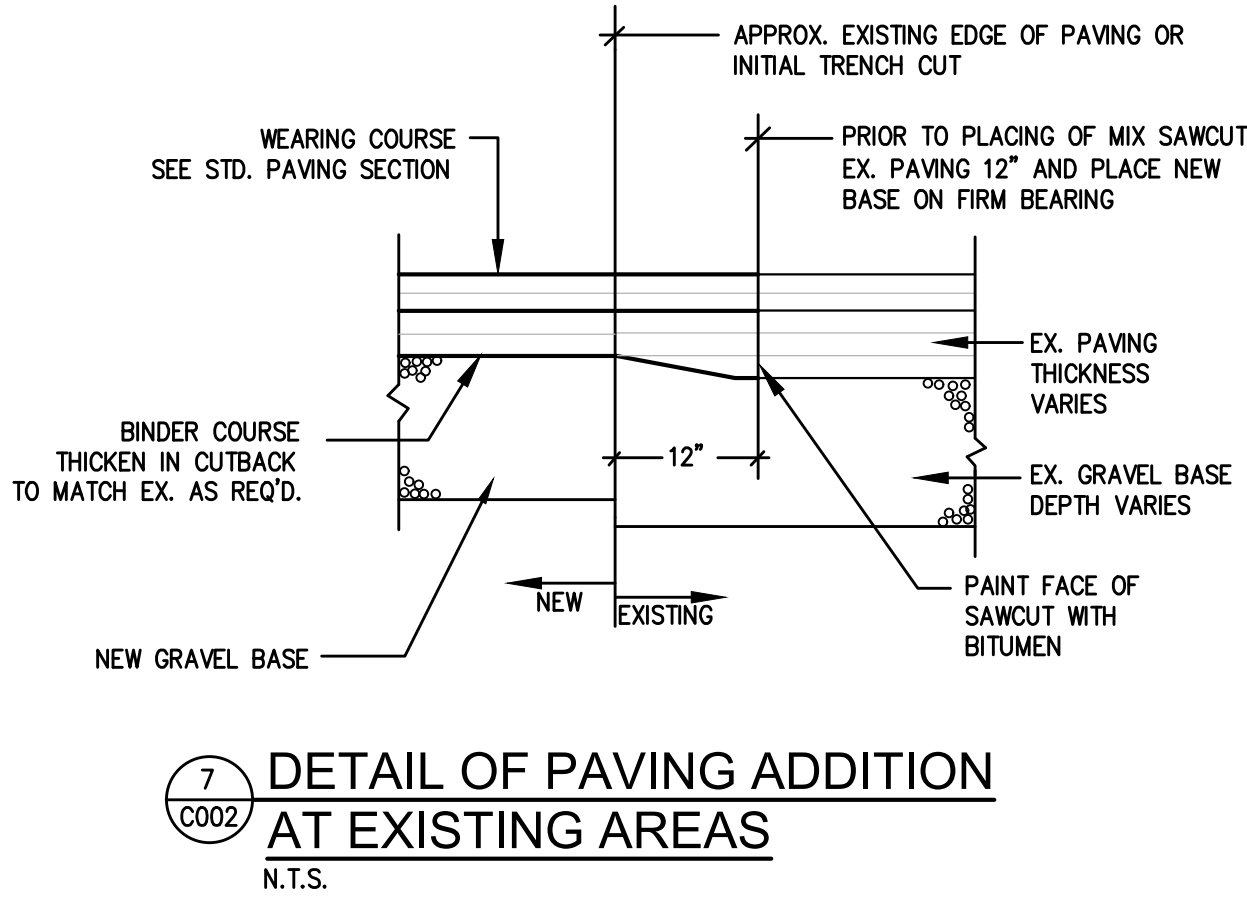
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C002 STANDARD PAVING SECTION
N.T.S.



3
C002 CONCRETE SIDEWALK DETAIL
N.T.S.



6
C002 DETAIL OF ACCESSIBLE CURB CUT
N.T.S.



7
C002 DETAIL OF PAVING ADDITION AT EXISTING AREAS
N.T.S.

date	February 28, 2017
scale	AS NOTED
drawn by	NCK
checked by	CMG
revision date	

SITE DETAILS

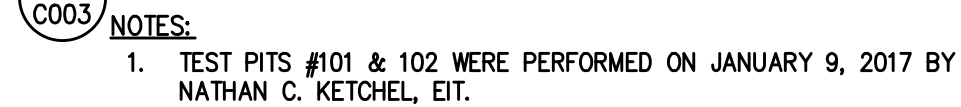
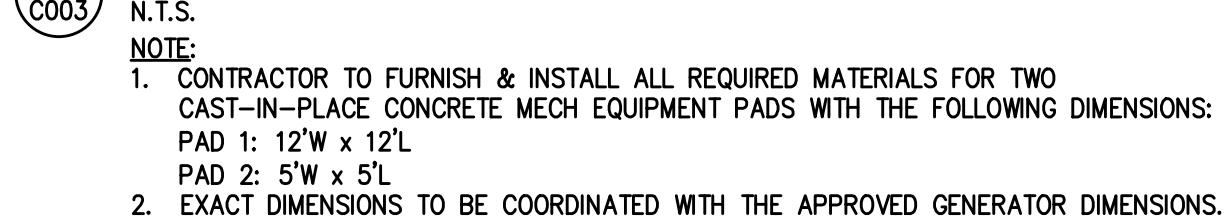
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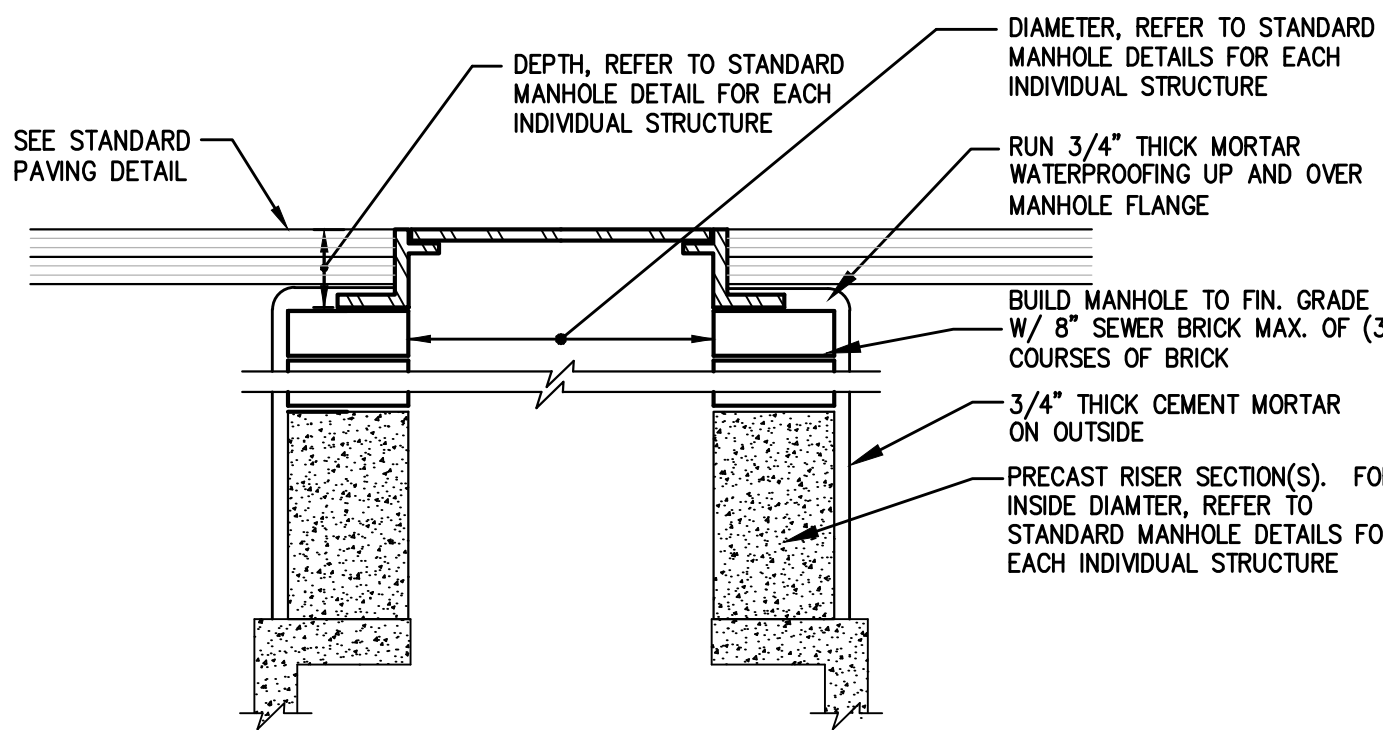
Leicester Public Library
RENOVATION & ADDITION
1136 Main Street Leicester, MA

Bid Documents
February 28, 2017

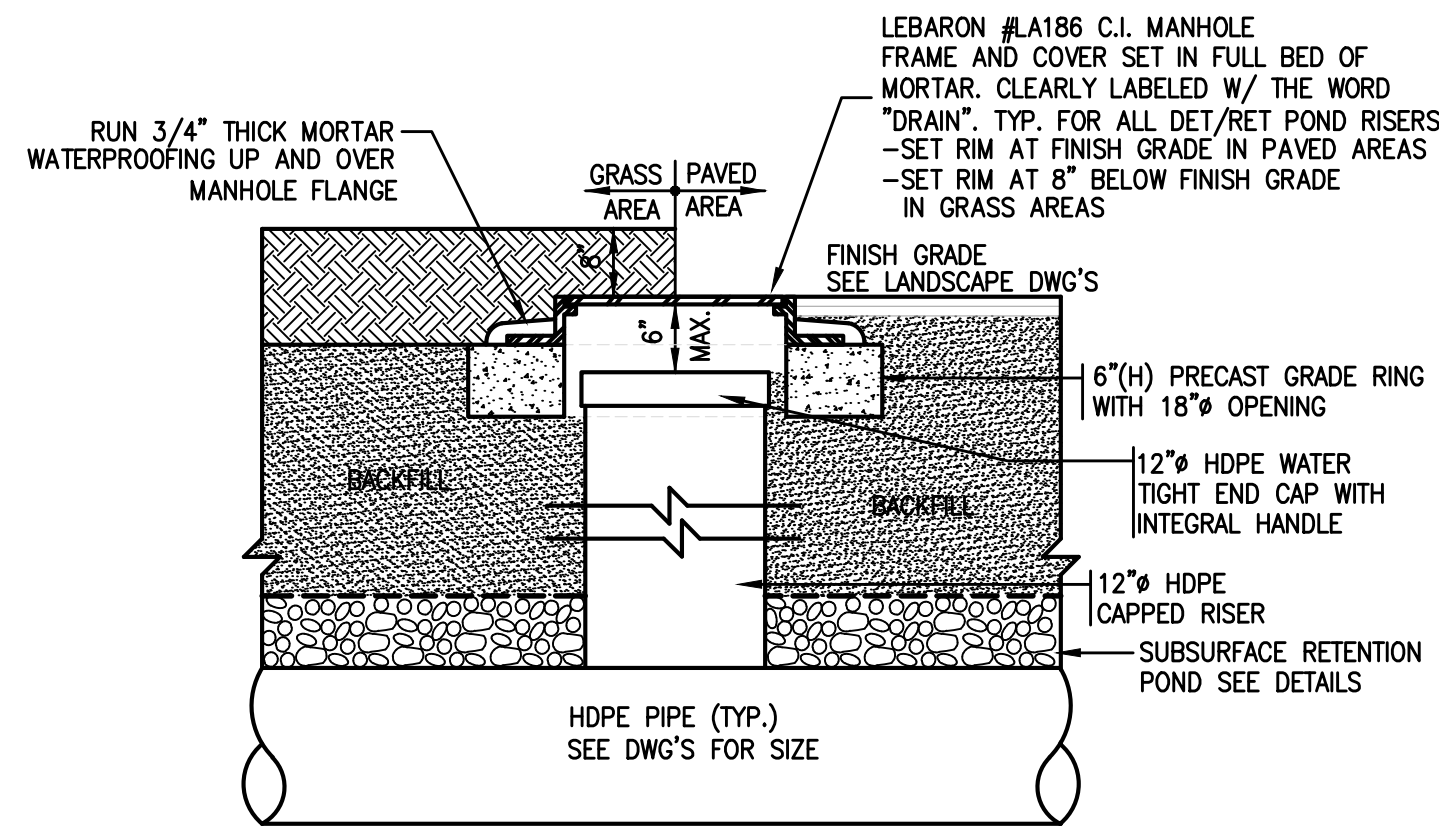
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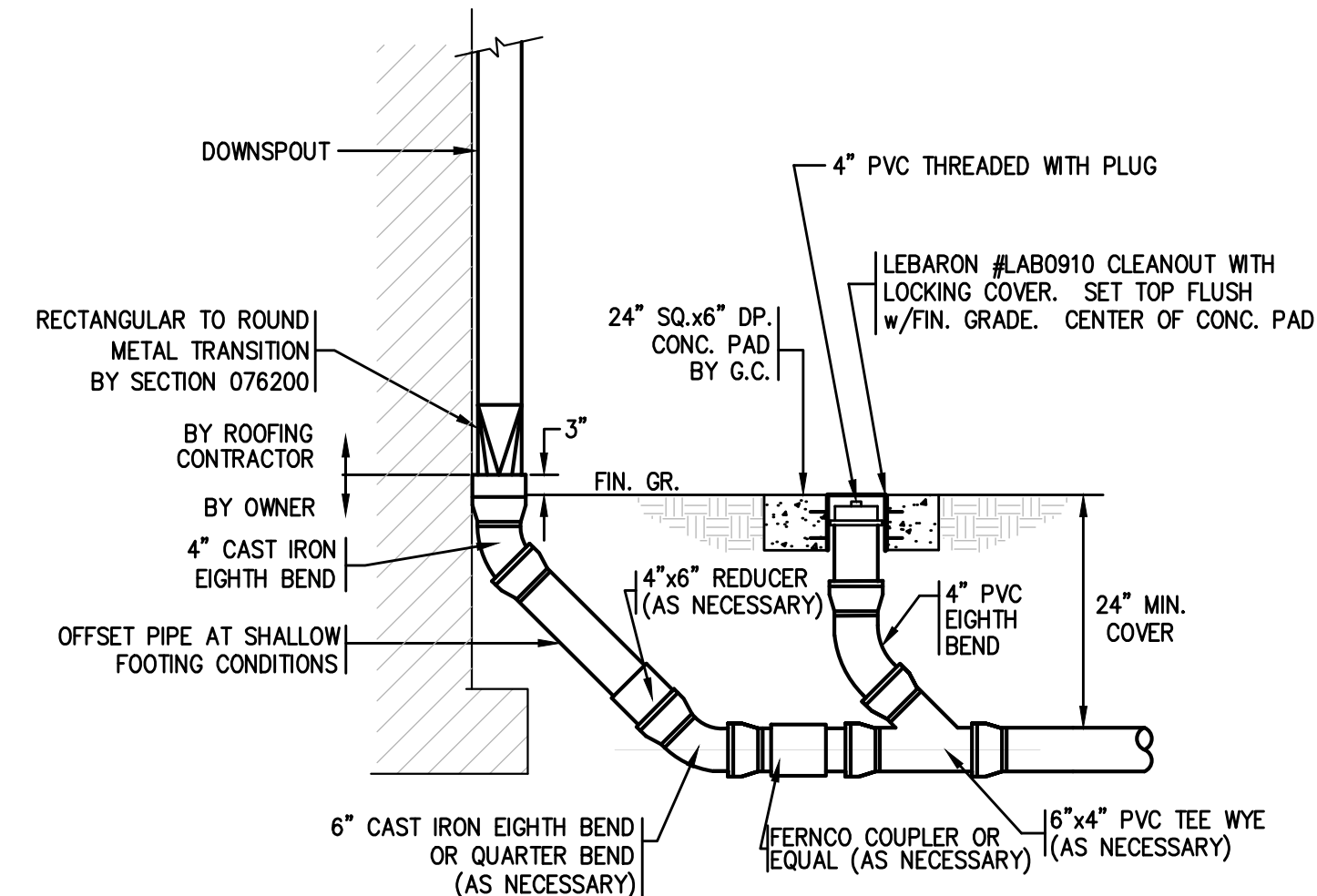
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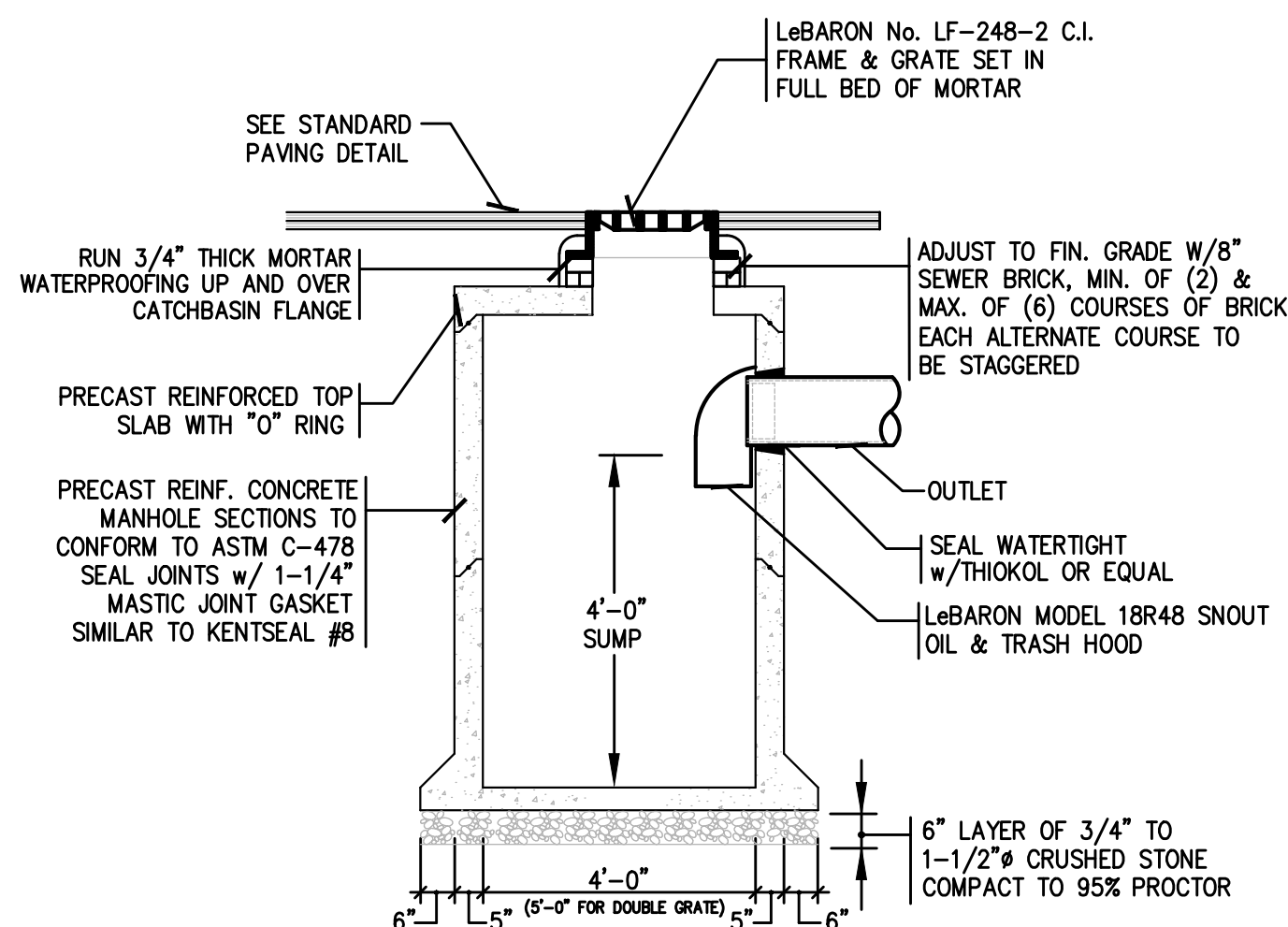
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C005 N.T.S.



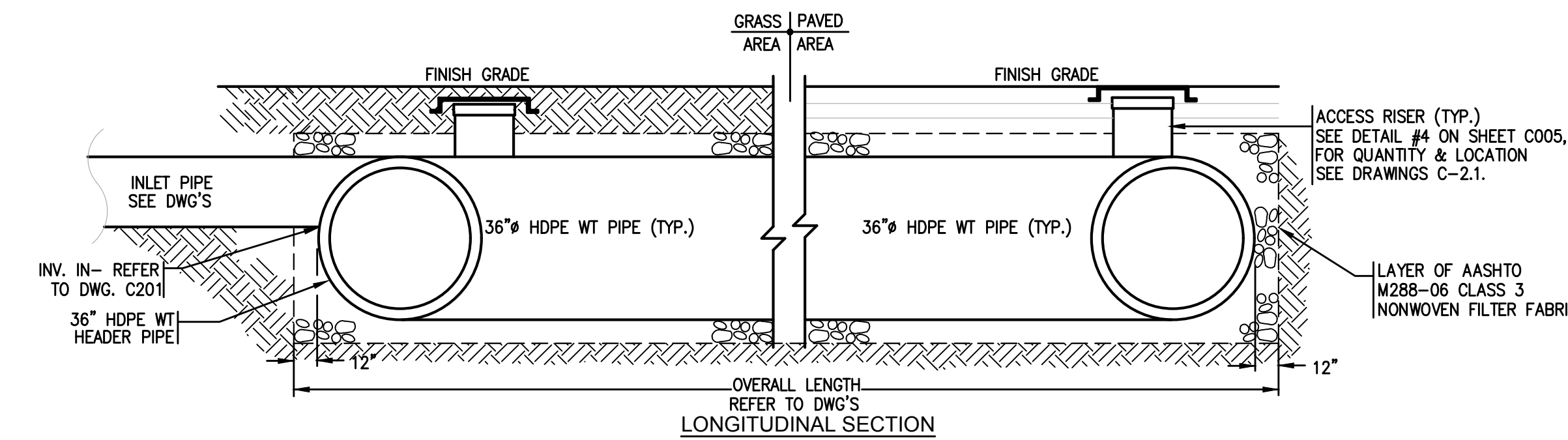
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C005 N.T.S.



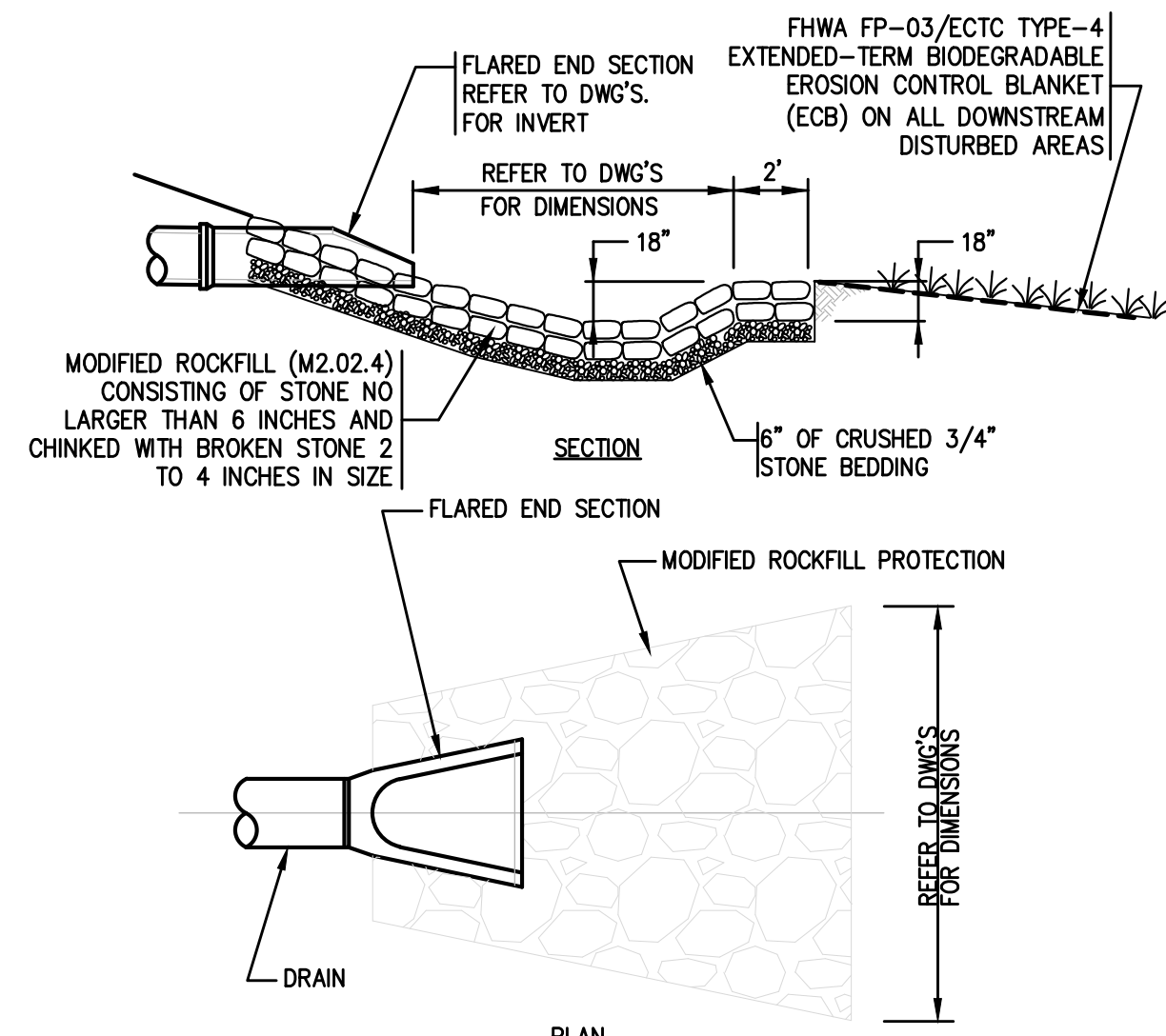
7
C005 N.T.S.
NOTE:
1. REFER TO TRENCH SECTION DETAIL FOR PIPE BEDDING REQUIREMENTS
2. REFER TO DRAWINGS FOR SIZE OF PIPE CONNECTION



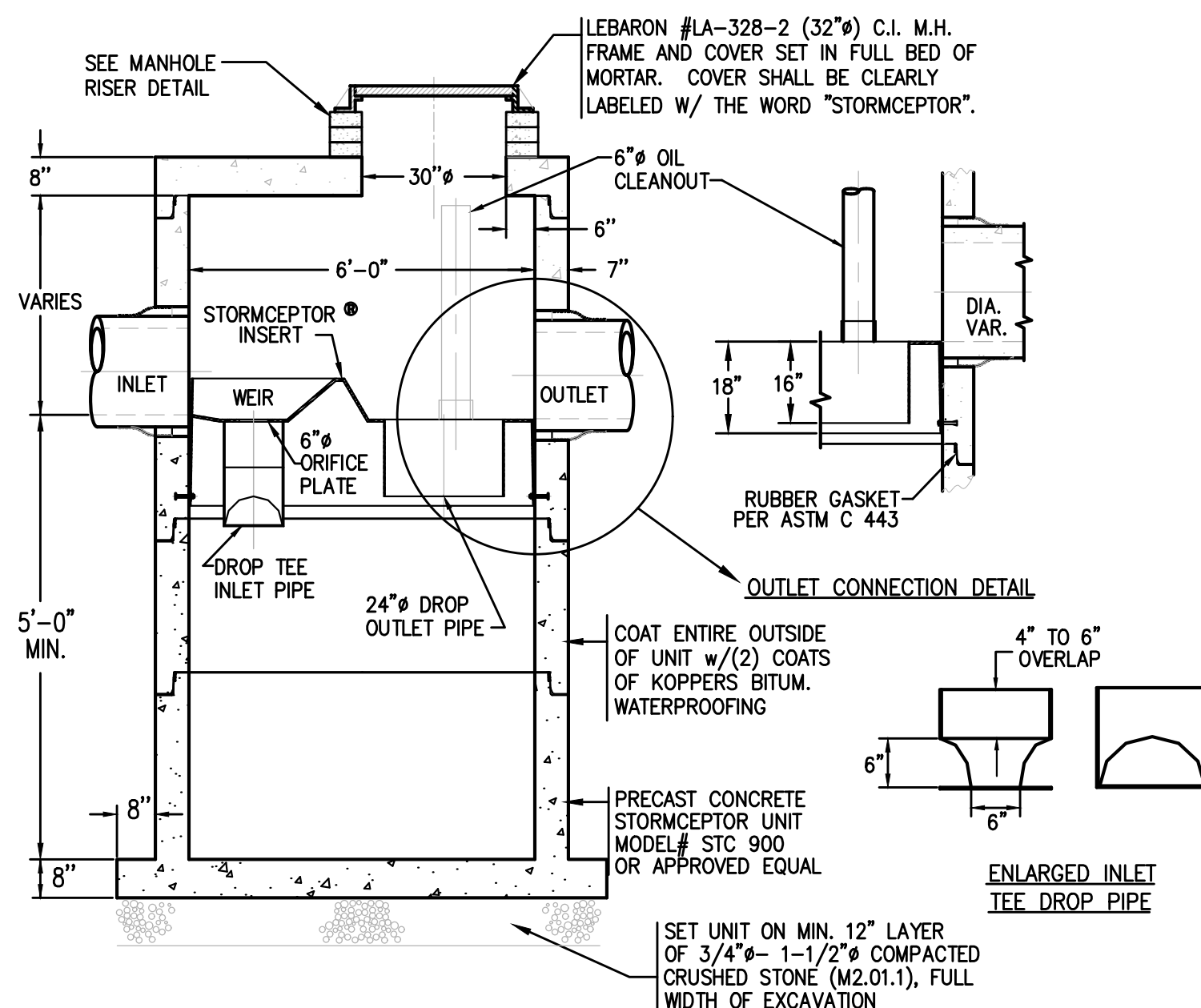
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C005 N.T.S.



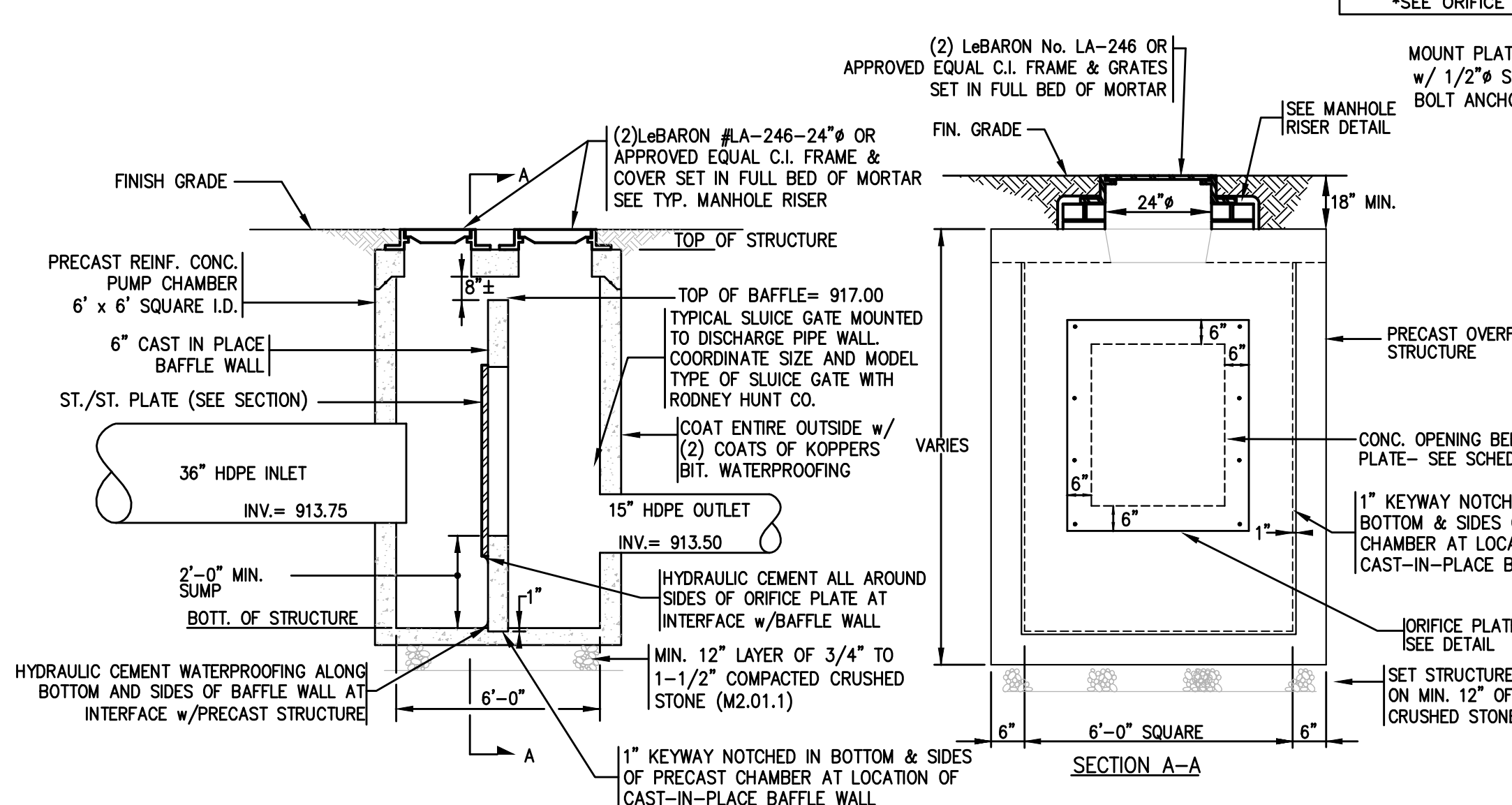
5
C005 N.T.S.



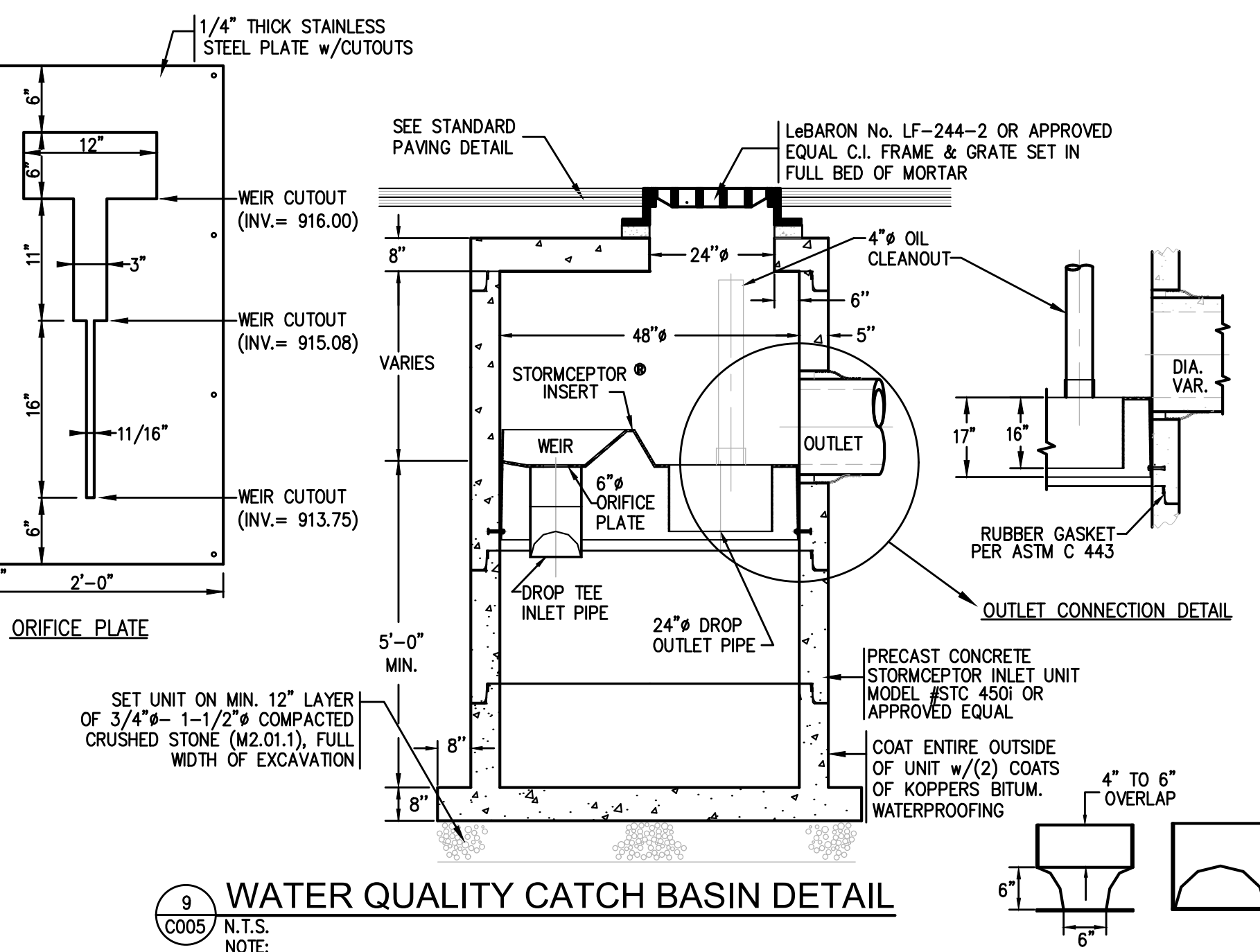
8
C005 N.T.S.



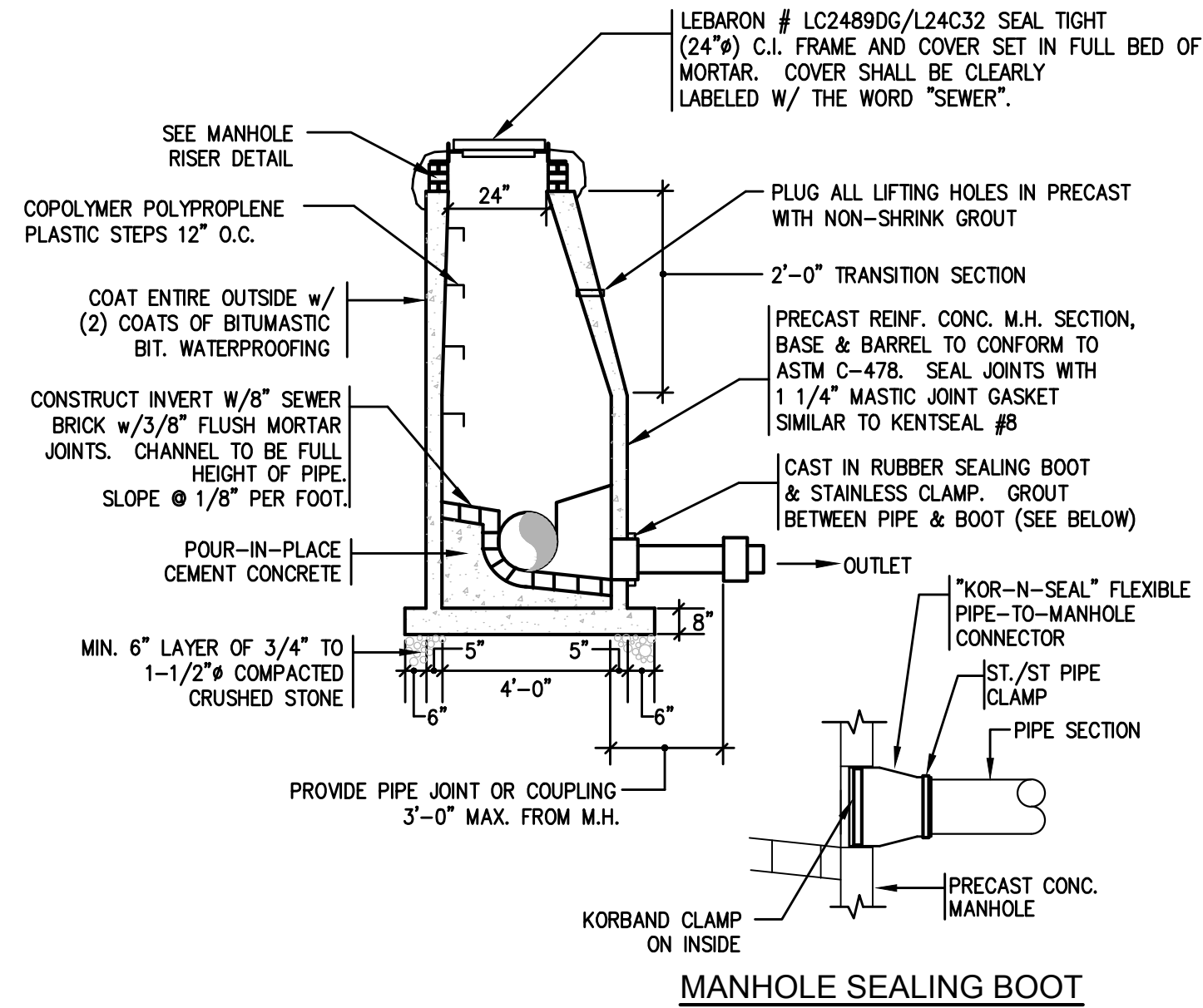
3
C005 N.T.S.



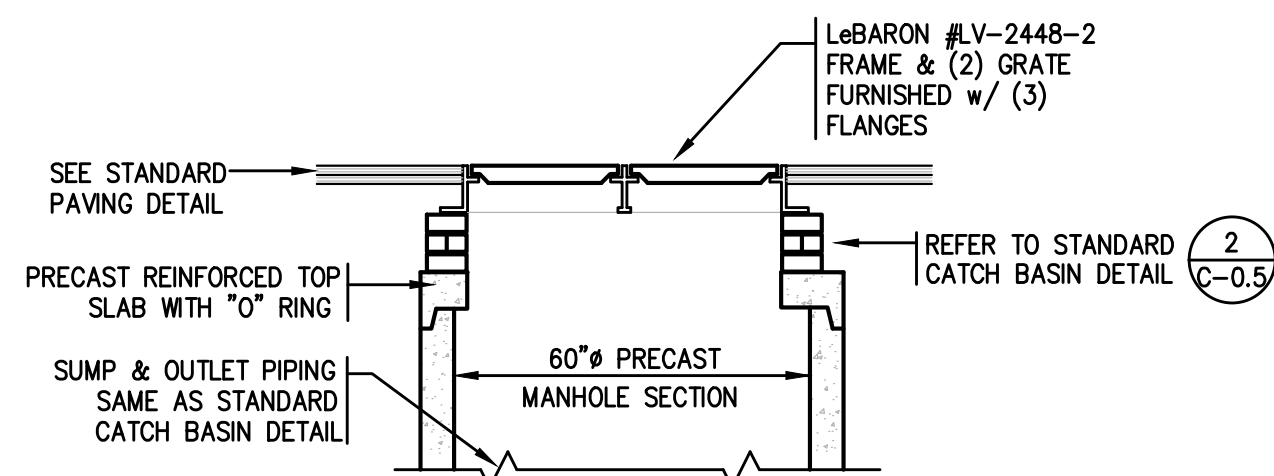
6
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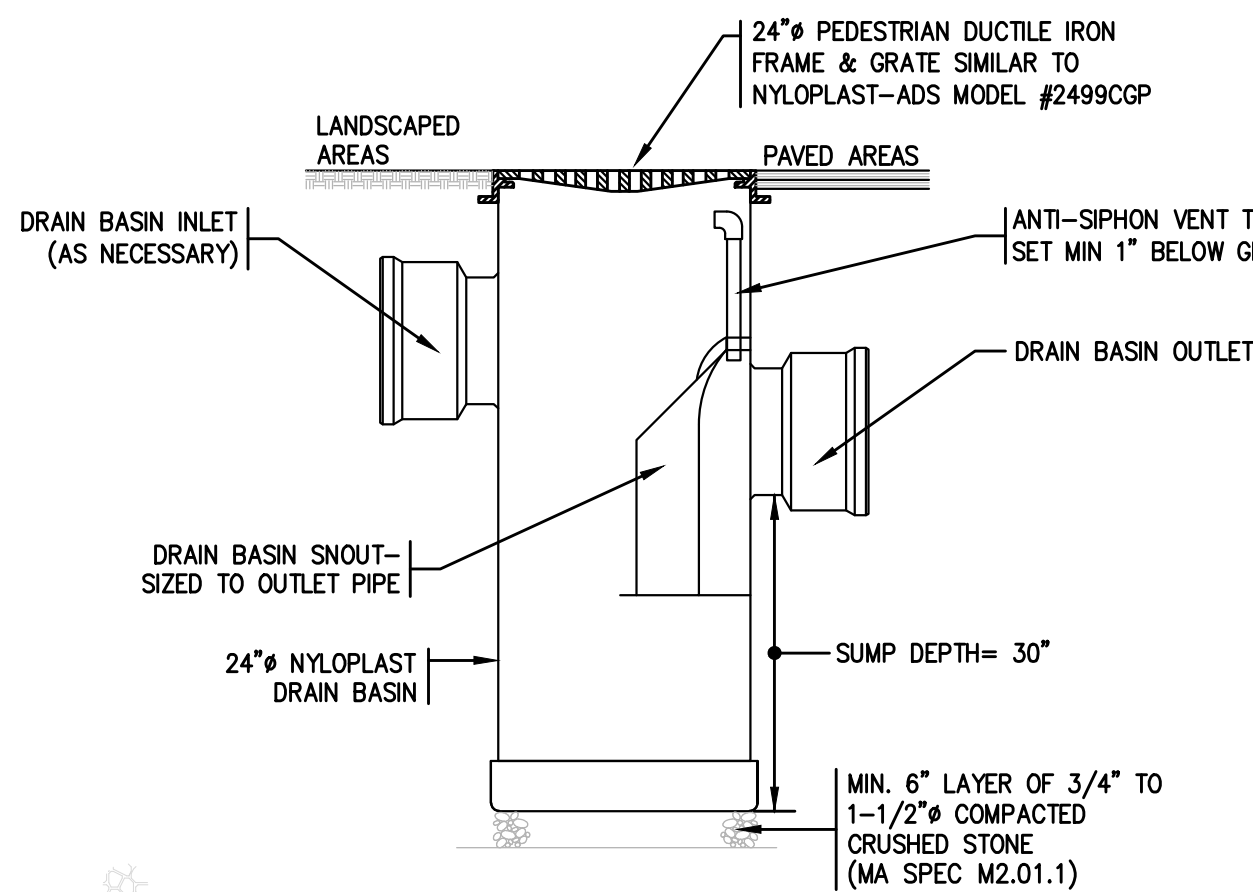
9
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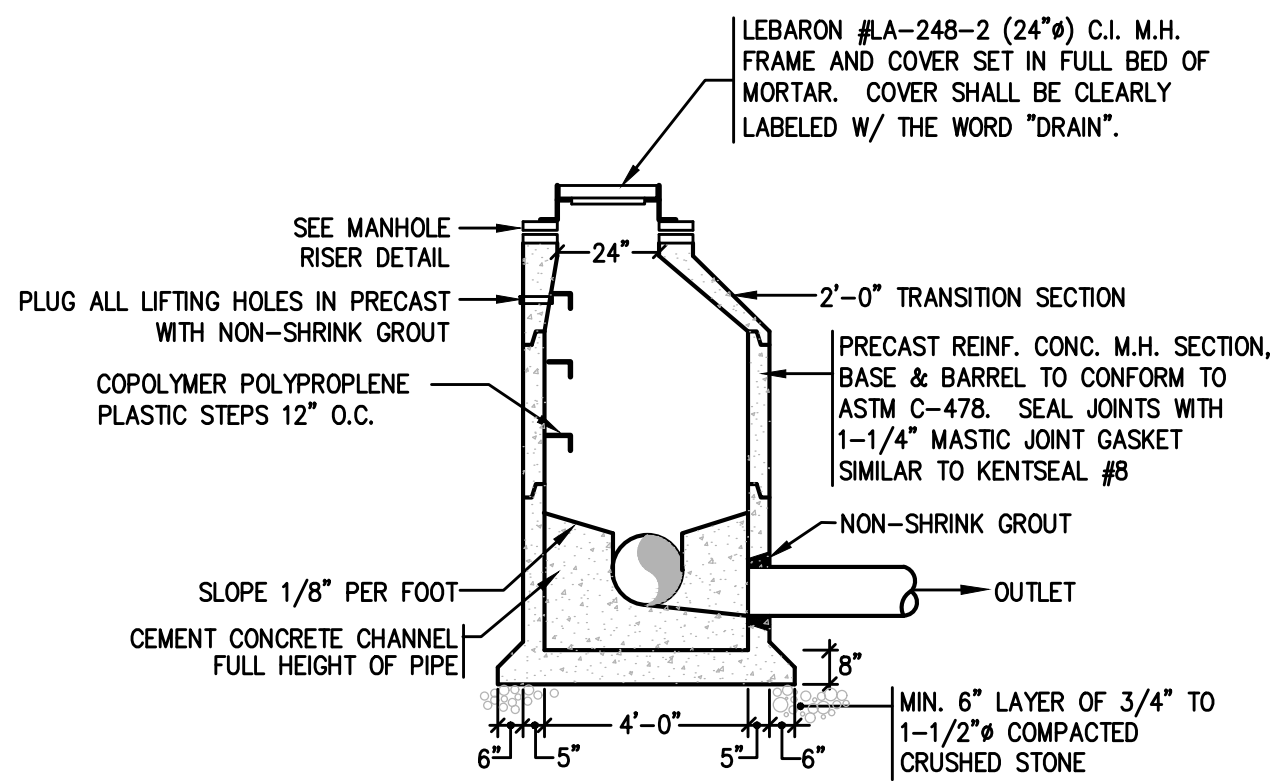
1 STANDARD SEWER MANHOLE DETAIL
C006 N.T.S.



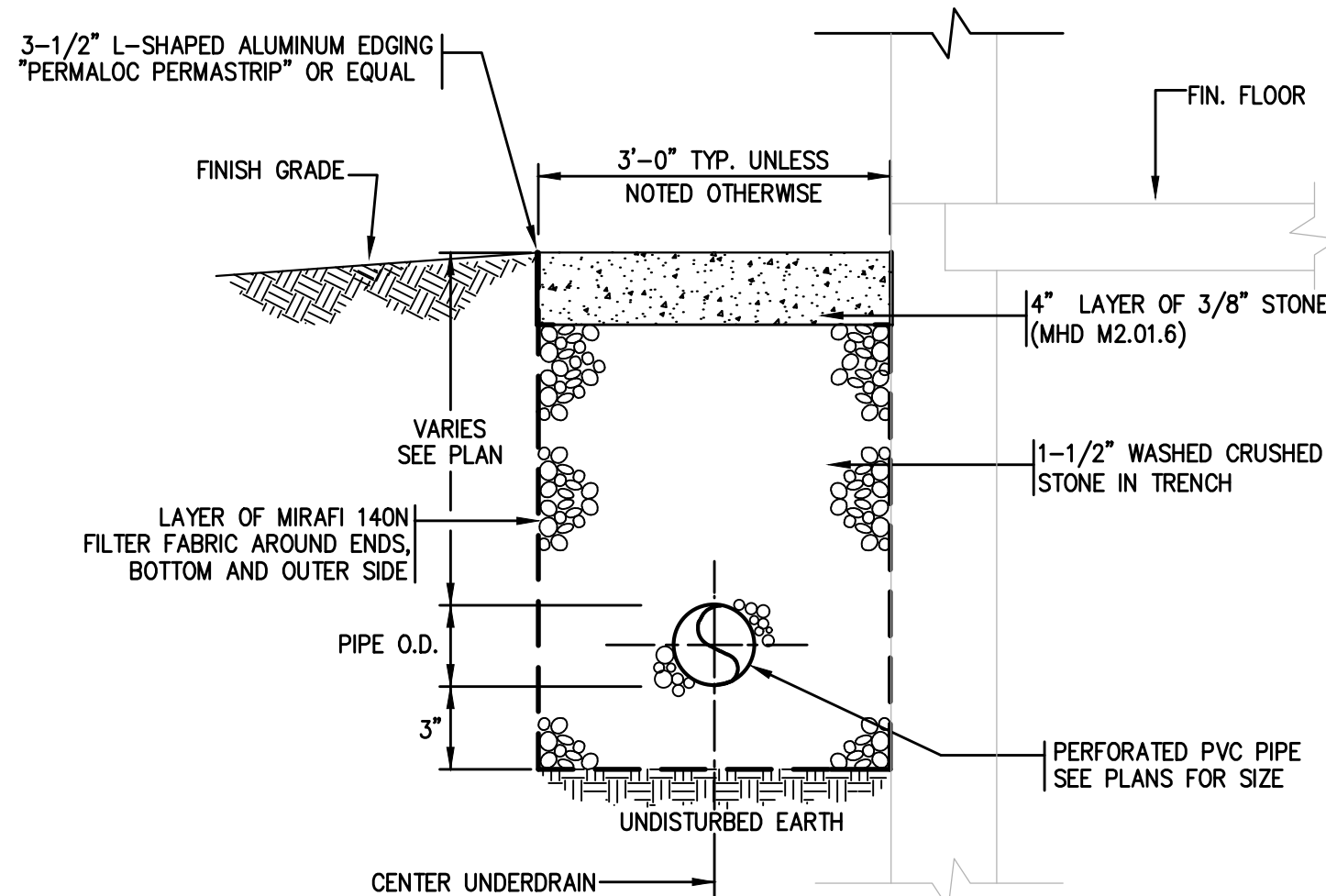
2 DOUBLE GRATE CATCH BASIN DETAIL
C006 N.T.S.



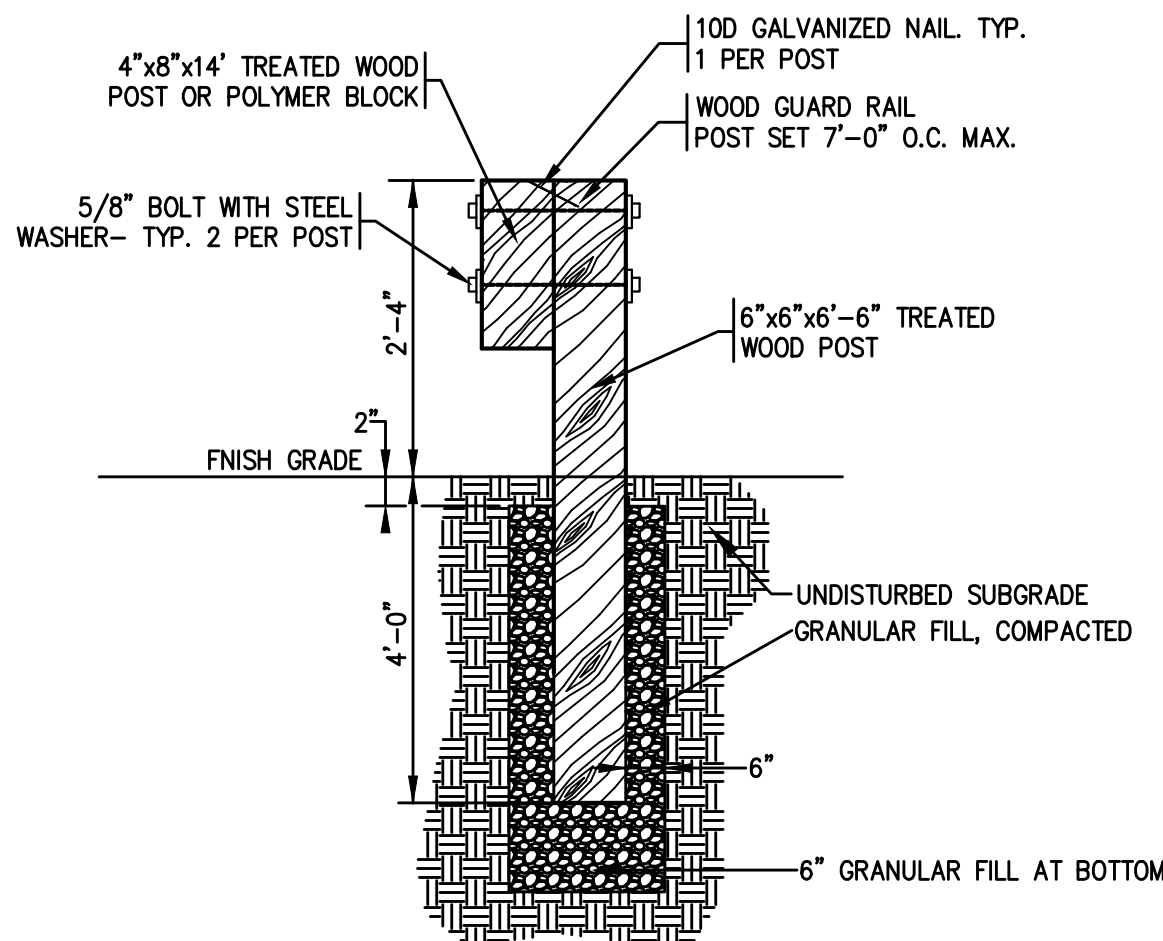
3 PLASTIC DRAIN INLET DETAIL
C006 N.T.S.
NOTE:
1. ALTERNATE MANUFACTURERS SHALL INCLUDE HARCO AND ADS PIPE.
2. ALL GRATES SHALL BE PEDESTRIAN GRADE AND MEET THE REQUIREMENTS OF MAAB/ADA.
3. FURNISH & INSTALL SEDIMENT CONTROL BAGS IN ALL DRAIN INLET STRUCTURES. INSPECT & MAINTAIN ALL STRUCTURES ON A WEEKLY BASIS UNTIL SITE IS ENTIRELY STABILIZED.



4 STANDARD DRAIN MANHOLE DETAIL
C006 N.T.S.



5 PERIMETER DRIP EDGE DETAIL
C006 N.T.S.



6 GUARDRAIL ANCHORING DETAIL
C006 N.T.S.

STRUCTURE #	RIM ELEV.	INV. IN ELEV.	INV. OUT ELEV.
CB #1	922.00	—	919.00 (DMH#1)
CB #2	922.05	—	918.45 (DMH#1)
CB #3	919.00	—	916.00 (SDB#1)
DI #1	929.00	927.33 (ALL)	927.23 (DI#2)
DI #2	928.25	925.85 (DI#1)	925.75 (SIB#1)

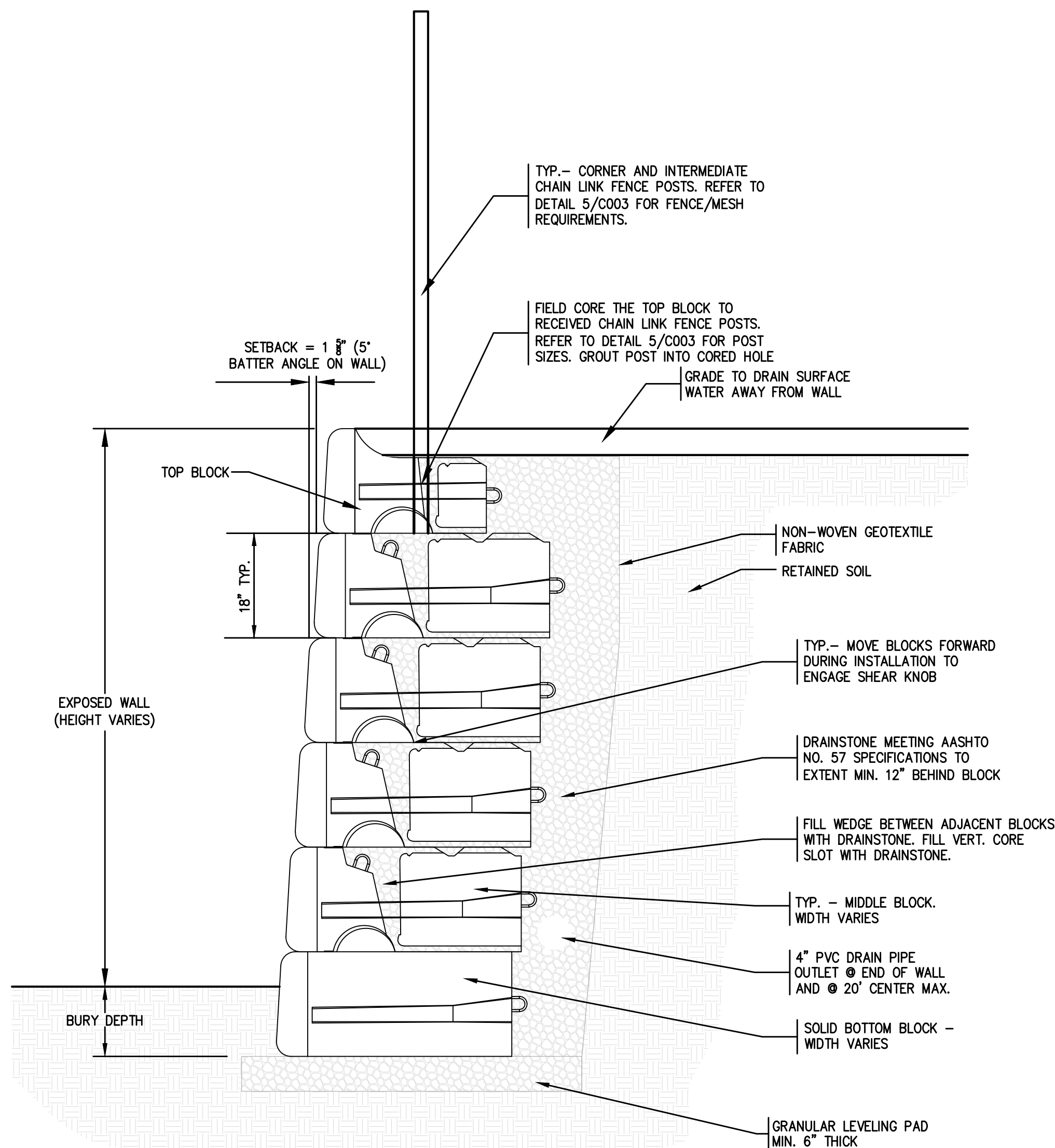
STRUCTURE #	RIM ELEV.	INV. IN ELEV.	INV. OUT ELEV.
WQS#1	922.03	915.95 (DMH#1)	915.85 (SDB#1)

STRUCTURE #	RIM ELEV.	INV. IN ELEV.	INV. IN ELEV.	INV. OUT ELEV.
DMH #1	922.40	918.40 (ALL)	—	917.80 (WQS#1)

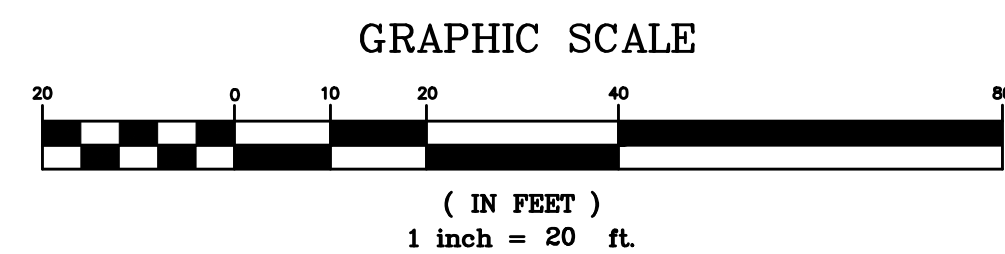
STRUCTURE #	FINISH GRADE	INV. OUT ELEV.	DOWNSPOUT DETAIL	REMARK
DS #1	930.77	928.20	7/C005	N/A
DS #2	930.20	927.22	7/C005	N/A
DS #3	930.00	926.34	7/C005	N/A
DS #4	923.35	918.07	7/C005	N/A
DS #5	923.35	918.44	7/C005	N/A
DS #6	925.50	920.53	7/C005	N/A
DS #7	925.16	921.30	7/C005	N/A

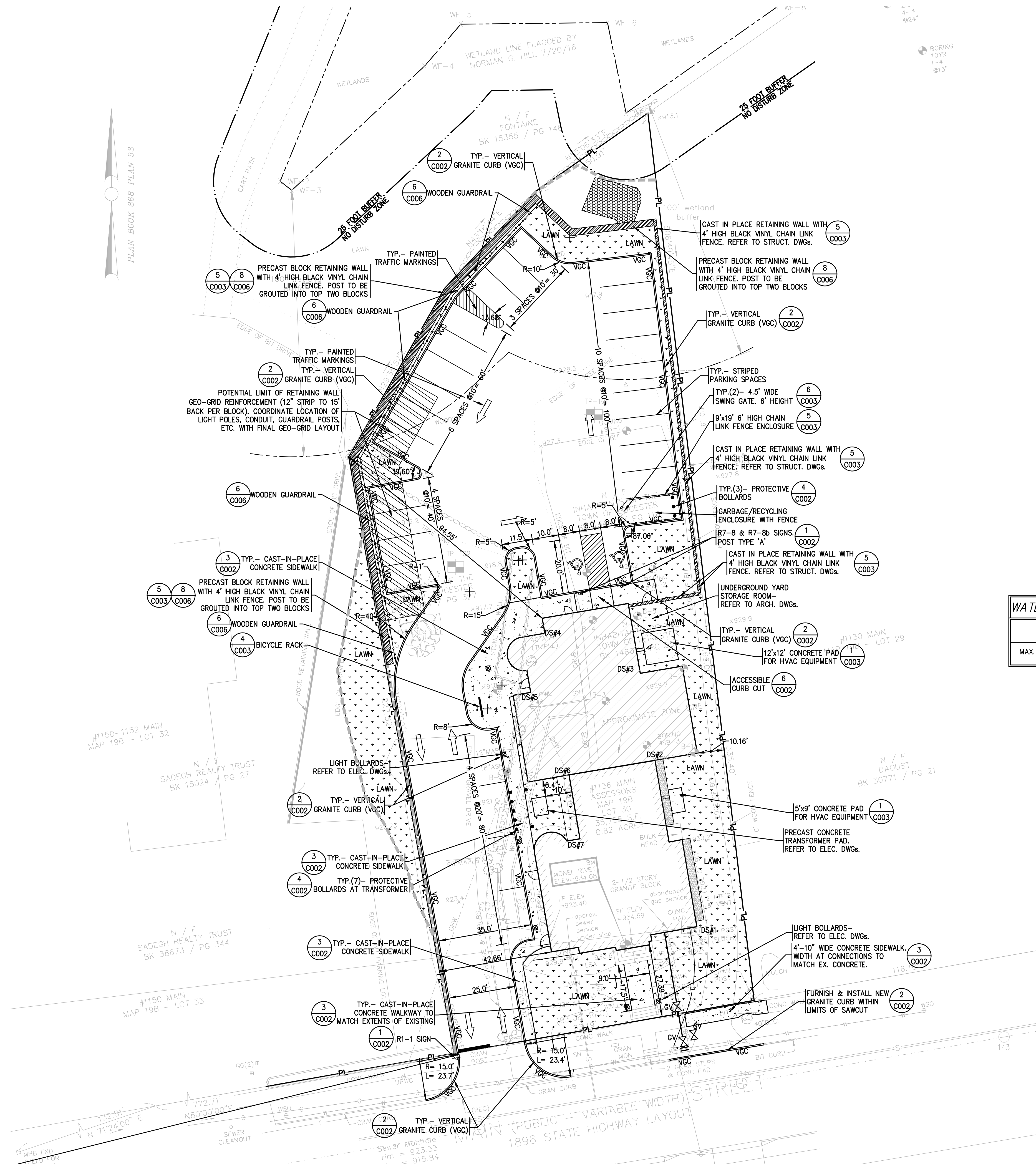
STRUCTURE #	RIM ELEV.	INV. IN ELEV.	INV. IN ELEV.	INV. IN ELEV.	INV. OUT ELEV.
SMH #1	922.35	919.35 (BLDG)	—	—	919.18 (MUN. SEWER)

7 DRAINAGE AND SEWER STRUCTURE ELEVATION SCHEDULE
C006 N.T.S.



8 SEGMENTAL RETAINING WALL DETAIL
C006 N.T.S.
NOTE: DESIGN BASED ON REDI-ROCK TYPICAL GRAVITY WALL SYSTEM





LEICESTER ZONING DIMENSIONAL REQUIREMENTS*		
	CENTRAL BUSINESS (CB)	EXISTING CONDITION
AREA (SQUARE FEET)	15,000 SF REQUIRED 35,754 SF PROVIDED	35,754 SF
FRONTAGE (FEET)	100 FEET REQUIRED 114 FEET PROVIDED	114 FEET
FRONT SETBACK (FEET)	25 FEET REQUIRED 27.39 FEET PROVIDED (EXISTING)	27.39 FEET
SIDE SETBACK (FEET)	10 FEET REQUIRED 10.15 FEET PROVIDED	18.05 FEET
REAR SETBACK (FEET)	25 FEET REQUIRED 93.07 FEET PROVIDED	145 FEET
MAX. BUILDING HEIGHT (FEET)	35 FEET REQUIRED 50.5 FEET PROVIDED	50.5 FEET
NUMBER OF STORIES	2.5 STORIES REQUIRED 2.5 STORIES PROVIDED (EXISTING)	2.5 STORIES
MAX. BUILDING COVERAGE (%)	30% MAX. REQUIRED 17.76% PROVIDED	8.66%

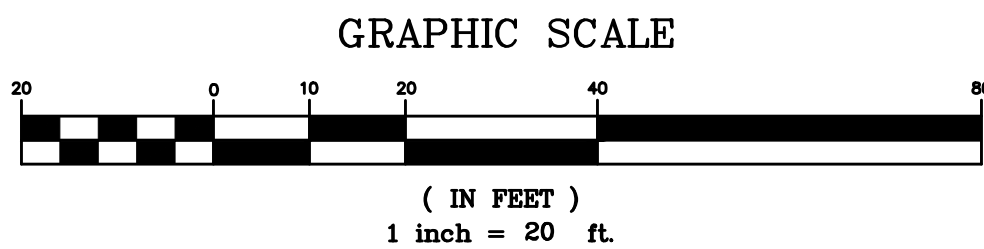
* SITE IS LOCATED WITHIN THE WATER RESOURCE PROTECTION OVERLAY DISTRICT.
SITE IS LOCATED IN ZONE X ACCORDING TO FEMA FIRM PANEL 25027C 0781E, EFFECTIVE JULY 4, 2011.

WATER RESOURCES PROTECTION OVERLAY DISTRICT REQUIREMENTS		
	WRPOD REQUIREMENTS	EXISTING CONDITION
MAX. LOT COVERAGE (%)	15% OR 2,500 SF OF LOT, BUT NO >30% MAX. 76.1% PROVIDED	30.7%

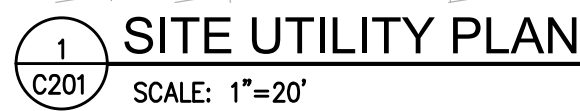
EXISTING & PROPOSED LOT COVERAGE				
	EXISTING		PROPOSED	
	AREA	% LOT COVERAGE	AREA	% LOT COVERAGE
BUILDING (FOOTPRINT)	3,098 SF	8.66%	6,349 SF	17.75%
DRIVES, WALKS (IMPERVIOUS)	7,888 SF	22.06%	20,423 SF	57.12%
TOTAL	10,986 SF	30.72%	26,772 SF	74.87%

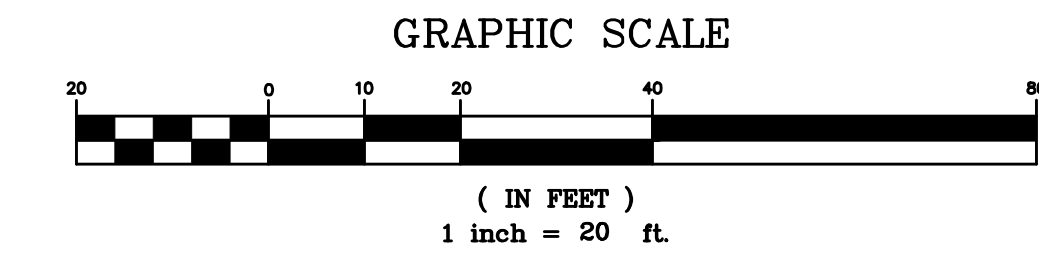
PARKING PROVISIONS		
	EXISTING CONDITION	PROPOSED CONDITION
ACCESSIBLE PARKING SPACES	2 SPACES	2 SPACES (2 REQ. PER 521 CMR 23.2.1)
STANDARD PARKING SPACES	10 SPACES*	28 SPACES
TOTAL SPACES	12 SPACES	30 SPACES

* QUANTITY BASED ON LENGTH OF PARKING LOT. NO STRIPING CURRENTLY VISIBLE ON SITE.



Leicester Public Library
RENOVATION & ADDITION
1136 Main Street Leicester, MA





GRADING NOTES:

BEFORE STARTING EACH PORTION OF THE WORK, THE CONTRACTOR SHALL COMPARE THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS, WITH ACTUAL FIELD CONDITIONS. THE CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. IN WRITING. COMMENCEMENT OF WORK IN ANY AREA SIGNIFIES ACCEPTANCE OF EXISTING CONDITIONS SHOWN ON THE DRAWINGS AS BEING SUBSTANTIALLY CORRECT.

SEE DRAWING C201 FOR ALL SITE DRAINAGE INFORMATION. C301 GRADING PLANS ARE FOR SITE GRADING ONLY.

ALL PROPOSED GRADES TO EXISTING CONDITIONS. ROUND OFF TOP AND TOE OF ALL SLOPES.

MAINTAIN DRAINAGE PATTERNS TO EXISTING DRAINAGE SYSTEMS UNLESS NOTED OTHERWISE.

CONTRACT LIMIT LINE IS COINCIDENT WITH PROPERTY LINE UNLESS NOTED OTHERWISE.

PAVED WALKS NOT TO EXCEED 4.5% MAXIMUM SLOPE UNLESS SPECIFICALLY NOTED OTHERWISE.

ALL HANDICAP PARKING SPACES, SEATING AREAS AND PASSENGER LOADING ZONES SHALL NOT EXCEED 1.5% IN ANY DIRECTION.

ALL HANDICAP EGRESSES SHALL BE FLUSH WITH ADJOINING MATERIAL UNLESS NOTED OTHERWISE.

ALL EXPANSION JOINTS AND SCORE JOINTS SHALL BE FLUSH UNLESS NOTED OTHERWISE.