

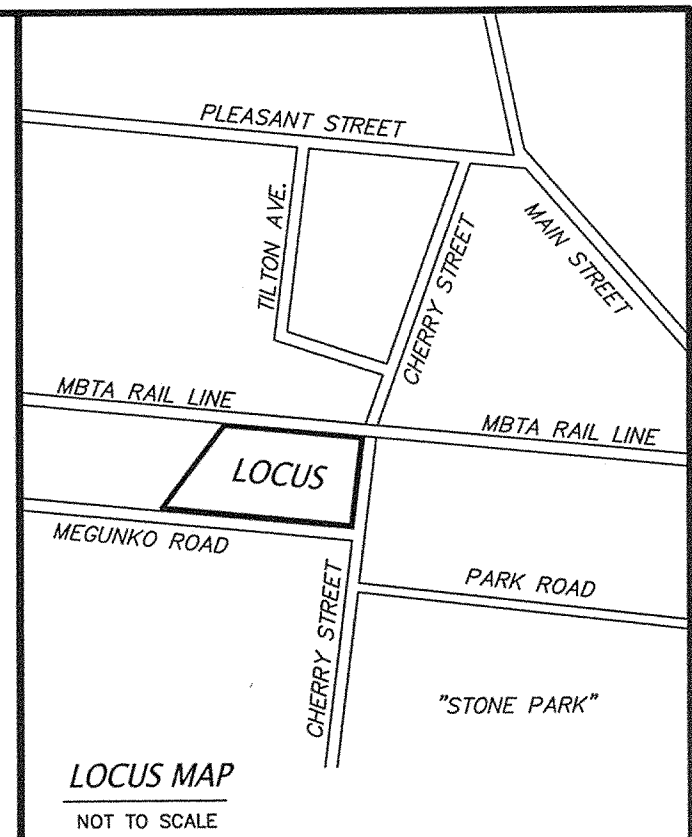
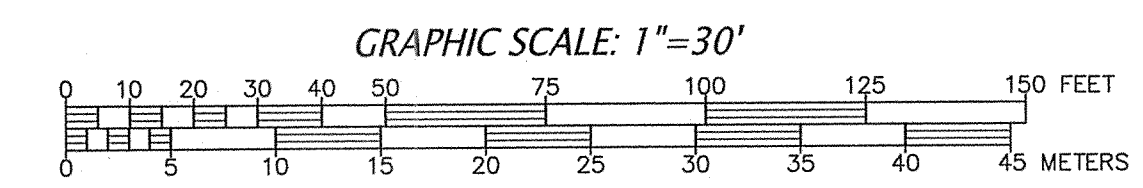
PLAN No. 73 OF 1985

N/F
MCL DEVELOPMENT CORP.
DEED BK. 31781, PG. 572

BENCHMARK
HYDRANT SPINDLE
ELEV.=197.77
(NAVD 1988)

BENCHMARK
NAIL-S, UPOLE
ELEV.=193.61
(NAVD 1988)

EXISTING CONDITIONS
SCALE 1" = 30'



- GENERAL NOTES:
- EXISTING TOPOGRAPHY IS BASED UPON A FIELD SURVEY BY CONNORSTONE ENGINEERING IN APRIL OF 2015. VERTICAL DATUM IS BASED UPON NAVD88. PROPERTY LINES SHOWN ARE APPROXIMATE BASED UPON PLANS AND DEEDS OF RECORD, AND DOES NOT REPRESENT A BOUNDARY SURVEY. LEGAL STATUS OF EASEMENTS AND WAYS, NOT DETERMINED BY THIS SURVEY.
 - THE LOT SHOWN IS NOT WITHIN THE 100 YEAR FEDERAL FLOOD HAZARD AREA AS SHOWN ON THE FLOOD INSURANCE RATE MAPS FOR THE TOWN OF ASHLAND, COMMUNITY PANEL No. 25017C0514F, DATED JULY 7, 2014.
 - WETLAND DELINEATION PERFORMED BY GODDARD CONSULTING, LLC AND FIELD LOCATED BY CONNORSTONE ENGINEERING, INC.
 - EXISTING UTILITY LINES SHOWN ON THIS DRAWING ARE FROM AVAILABLE INFORMATION AND ARE APPROXIMATE LOCATIONS. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION CONDITION, AND INVERT ELEVATIONS OF THE UTILITIES AND STRUCTURES, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT DIG SAFE: 1-800-344-7233 (72 HOURS BEFORE DIGGING).
 - REFERENCES:
ASSESSORS MAP 14, PARCEL 44
DEED BOOK 66506, PAGE 300
PLAN 1120 OF 1974

ZONING REQUIREMENTS:
ZONED: INDUSTRIAL (I)
PHOTOVOLTAIC OVERLAY
ADD "A" OVERLAY
AREA = 30,000 s.f.
FRONTAGE = 150 feet
SETBACKS: FRONT = 40 feet
SIDE = 30 feet
REAR = 30 feet

OWNER:
ASHLAND LANDSCAPE SUPPLY, LLC
18 WAVERLY STREET
ASHLAND, MA 01702

CONNORSTONE ENGINEERING INC.
CIVIL ENGINEERS AND LAND SURVEYORS
10 SOUTHWEST CUTOFF, SUITE 7
NORTHBOROUGH, MASSACHUSETTS 01532
PHONE: 508-393-9727 FAX: 508-393-5242

PROPOSED SITE PLAN
OF
0 MEGUNKO ROAD
IN
ASHLAND, MASS.

REVISED:	DESCRIPTION:
9-27-21	ADD PHASE 2 BUILDING
5-10-16	SITE LAYOUT & DRAINAGE
3-22-16	STORMWATER & DRAINAGE
3-10-16	SIDEWALK EDITS
2-24-16	EDITS PER TECH. REVIEW
DRAWN BY: RM	CHECK BY: VC
DATE: JANUARY 27, 2016	
SCALE: 1" = 30'	SHEET 1 OF 5.

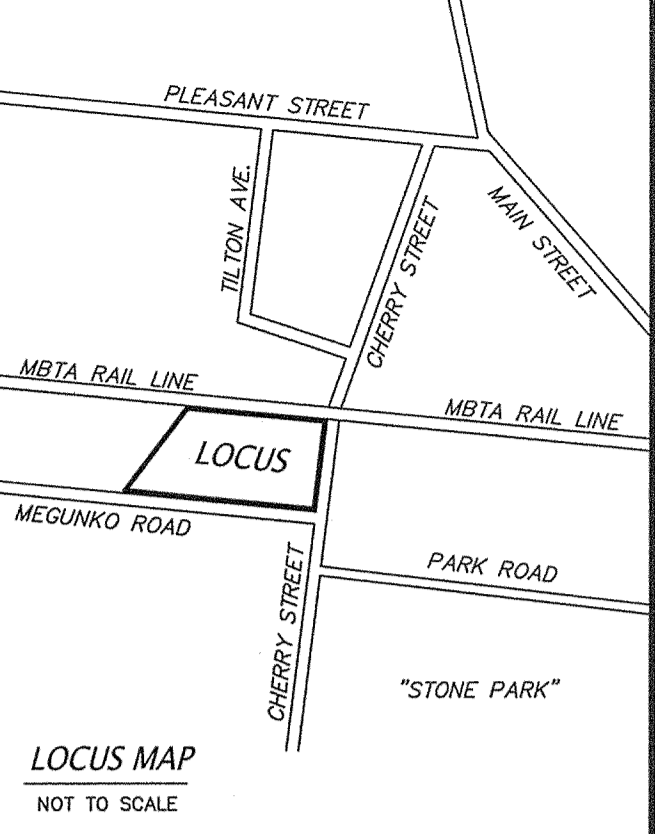


PLAN No. 73 OF 1965

DESIGN ALTERNATE:
LOCATE AND EXPOSE EXISTING DRAIN LINE. INSTALL CHIMNEY OF SAME PIPE DIAMETER WITH GRATE TO GRADE. RIM=190.5± (OR LOWER BASED UPON FIELD CONDITIONS)

BUILDING NOTE:
1. BUILDING TO BE PROVIDED WITH UNDER SLAB MEMBRANE WITH VENT. TO BE DESIGNED BY PROJECT ARCHITECT.

GENERAL NOTES:
1. EXISTING TOPOGRAPHY IS BASED UPON A FIELD SURVEY BY CONNORSTONE ENGINEERING INC. DATUM IS BASED UPON WADSWORTH PROPERTY LINES SHOWN ARE APPROXIMATE BASED UPON PLANS AND DEEDS OF RECORD, AND DOES NOT REPRESENT A BOUNDARY SURVEY. LEGAL STATUS OF EASEMENTS AND WAYS, NOT DETERMINED BY THIS SURVEY.
2. THE LOT SHOWN IS NOT WITHIN THE 100 YEAR FEDERAL FLOOD HAZARD AREA AS SHOWN ON THE FLOOD INSURANCE RATE MAPS FOR THE TOWN OF ASHLAND, COMMUNITY PANEL No. 2501700514F, DATED JULY 7, 2014.
3. WETLAND DELINEATION PERFORMED BY GODDARD CONSULTING, LLC AND FIELD LOCATED BY CONNORSTONE ENGINEERING, INC.
4. EXISTING UTILITY LINES SHOWN ON THIS DRAWING ARE FROM AVAILABLE INFORMATION AND ARE APPROXIMATE LOCATIONS. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR THAT ALL UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, CONDITION, AND INVERT ELEVATIONS OF THE UTILITIES AND STRUCTURES, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT DIG SAFE: 1-800-344-7233 (72 HOURS BEFORE DIGGING).
5. REFERENCES: ASSESSORS MAP 14, PARCEL 44 DEED BOOK 66506, PAGE 300 PLAN 1120 OF 1974
6. THE WATER AND SEWER CONNECTIONS SHALL BE INSTALLED IN COMPLIANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE ASHLAND DEPARTMENT OF PUBLIC WORKS. CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH APPLICABLE PERMITS (TO BE OBTAINED BY THE CONTRACTOR).
7. ALL MATERIALS AND CONSTRUCTION PRACTICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MASSACHUSETTS HIGHWAY DEPARTMENT (MHD) CONSTRUCTION STANDARDS AND THE MHD STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, OR LOCAL MUNICIPALITY STANDARDS, WHICHEVER IS MORE STRINGENT.
8. ELECTRIC, GAS, TELEPHONE AND CATV UTILITY CONNECTIONS AND SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RESPECTIVE UTILITY.
9. WORK WITHIN THE HIGHWAY LAYOUT SHALL CONFORM TO THE CONDITIONS OF THE PERMIT ISSUED BY THE LOCAL AUTHORITY AS APPROPRIATE.
10. THE CONTRACTOR SHALL UTILIZE ALL MEASURES AND MATERIALS NECESSARY TO ENSURE THE SAFETY OF ALL PERSONS AND PROPERTIES AT THE SITE DURING CONSTRUCTION. ALL EXCAVATIONS SHALL CONFORM TO CURRENT OSHA STANDARDS.
11. ALL RAMP, CURB CUTS, SIDEWALKS, AND ACCESSIBLE SPACES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT REGULATIONS AND WITH ARCHITECTURAL ACCESS BOARD REGULATIONS (521 CMR 1-47).
12. PRIOR TO CONSTRUCTION, ALL BUILDING DIMENSIONS, ELEVATIONS, AND UTILITY CONNECTIONS SHALL BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER AND OWNER.



ZONING REQUIREMENTS:
ZONED: INDUSTRIAL (I)
PHOTOVOLTAIC OVERLAY
ADD "A" OVERLAY
AREA = 30,000 s.f.
FRONTAGE = 150 feet
SETBACKS: FRONT = 40 feet
SIDE = 30 feet
REAR = 30 feet

PROPOSED USE: CONTRACTOR GARAGES

PARKING SUMMARY:
PARKING CATEGORY: OTHER (REQUIRED PARKING TO BE DETERMINED BY THE PLANNING BOARD)

TOTAL PROPOSED PARKING = 48 SPACES
TOTAL NUMBER OF UNITS = 11
PARKING PER UNIT = 4.4 SPACES



OWNER:
ASHLAND LANDSCAPE SUPPLY, LLC
18 WAVERLY STREET
ASHLAND, MA 01702

CONNORSTONE ENGINEERING INC.
CIVIL ENGINEERS AND LAND SURVEYORS
10 SOUTHWEST CUTOFF, SUITE 7
NORTHBOROUGH, MASSACHUSETTS 01532
PHONE: 508-393-9727 FAX: 508-393-5242

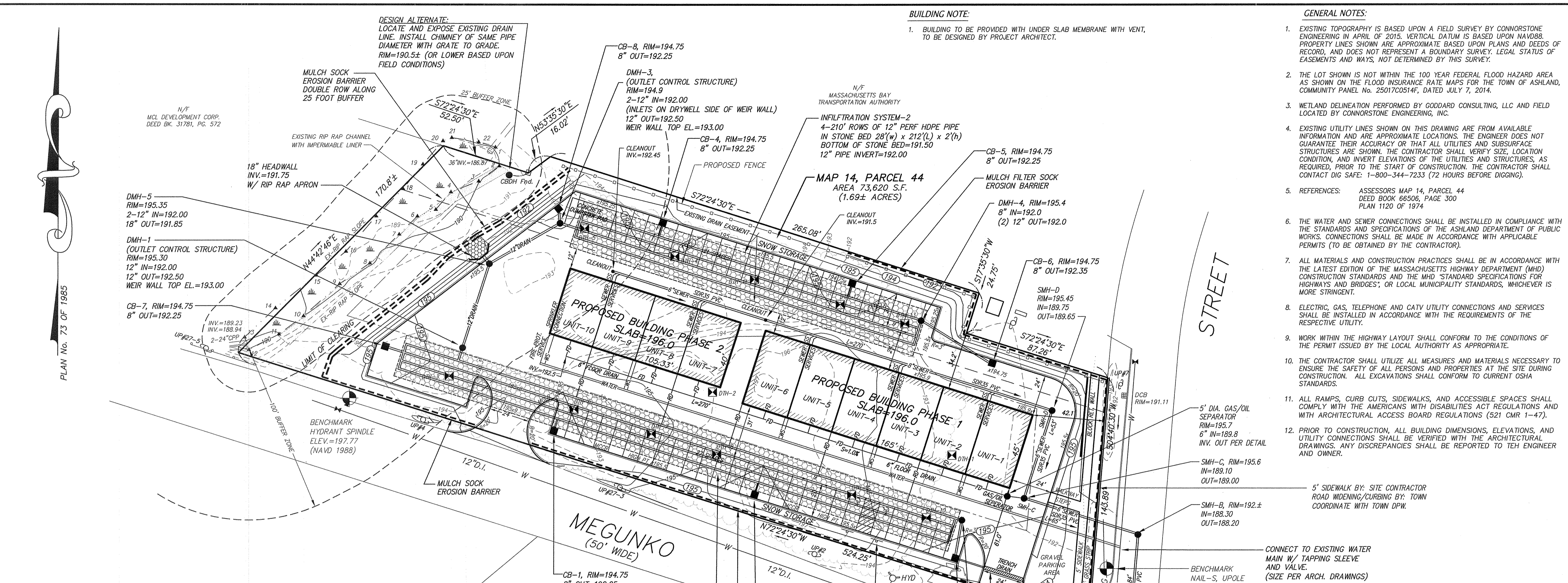
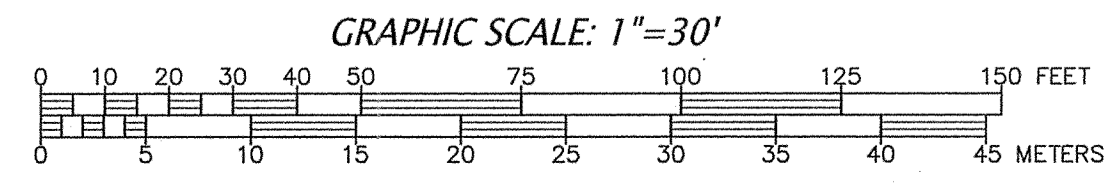
PROPOSED SITE PLAN OF 0 MEGUNKO ROAD IN ASHLAND, MASS.

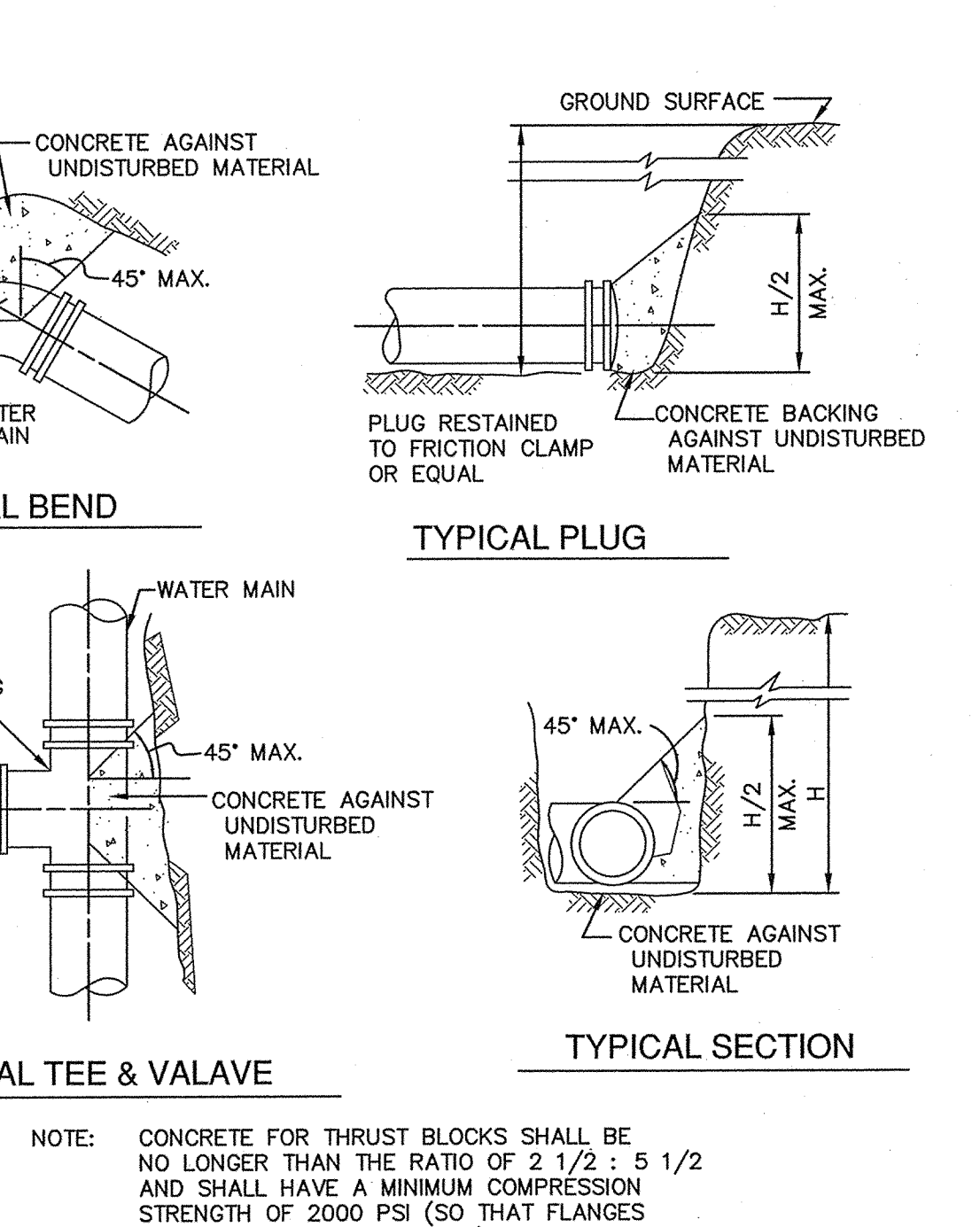
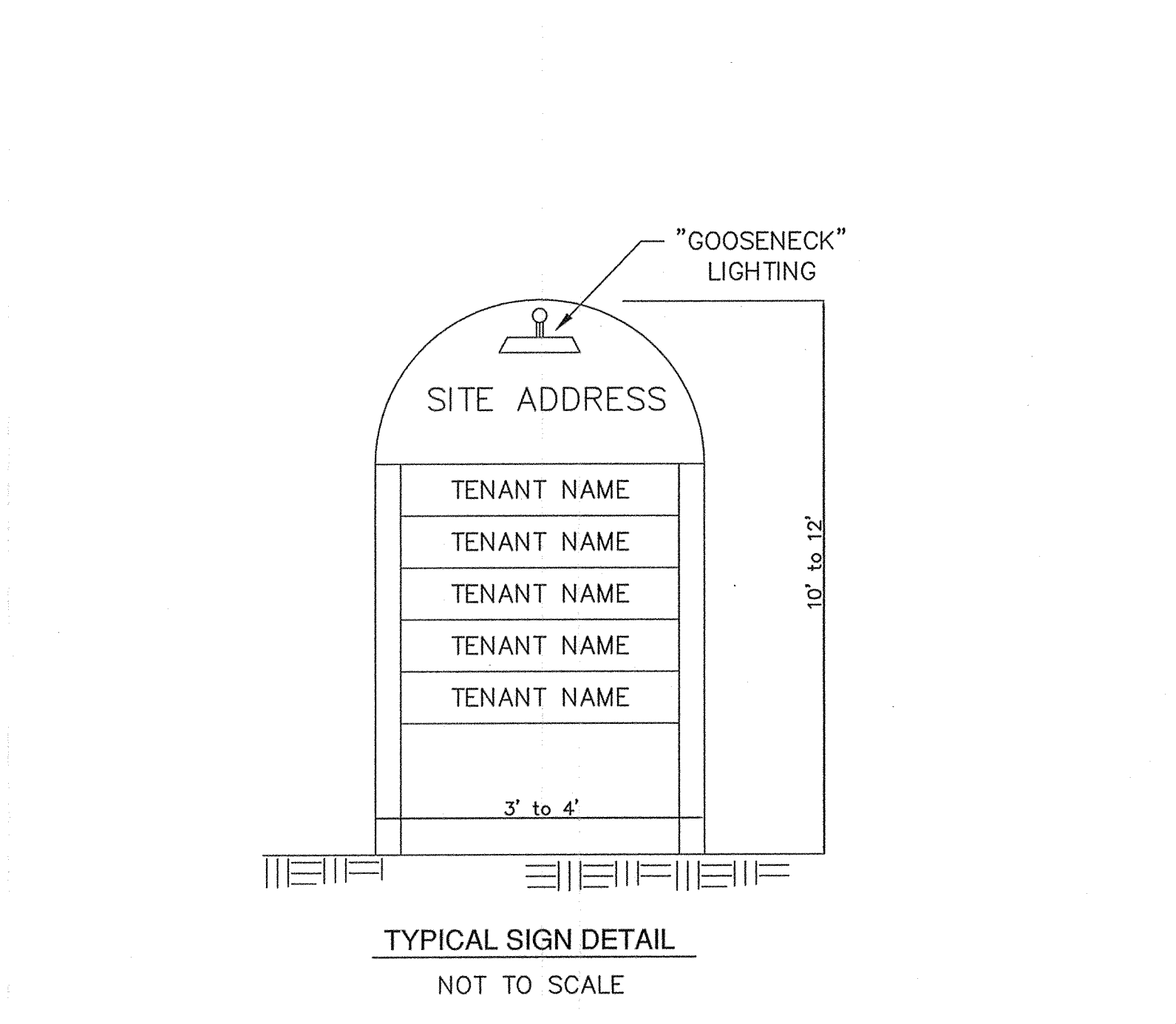
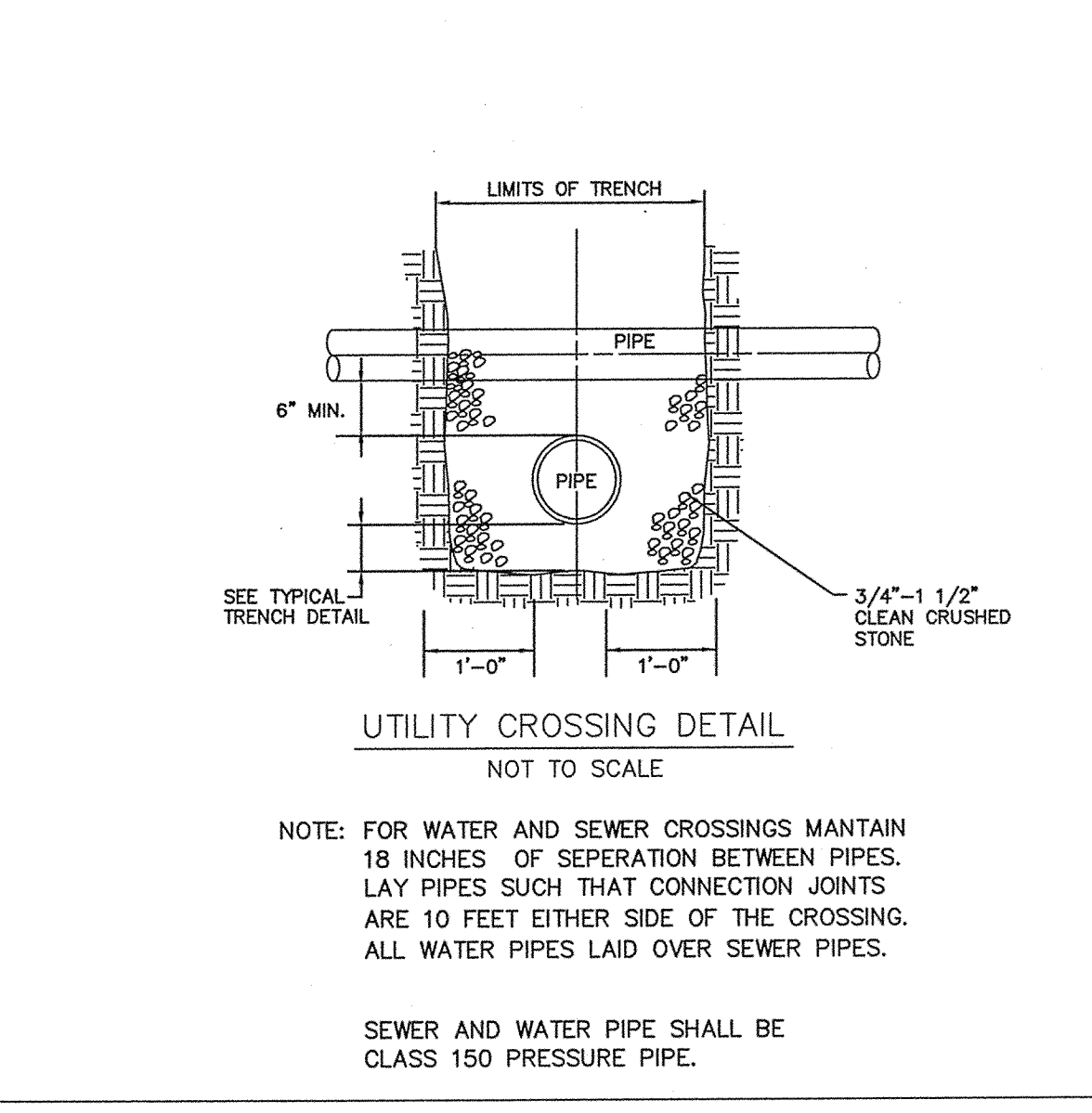
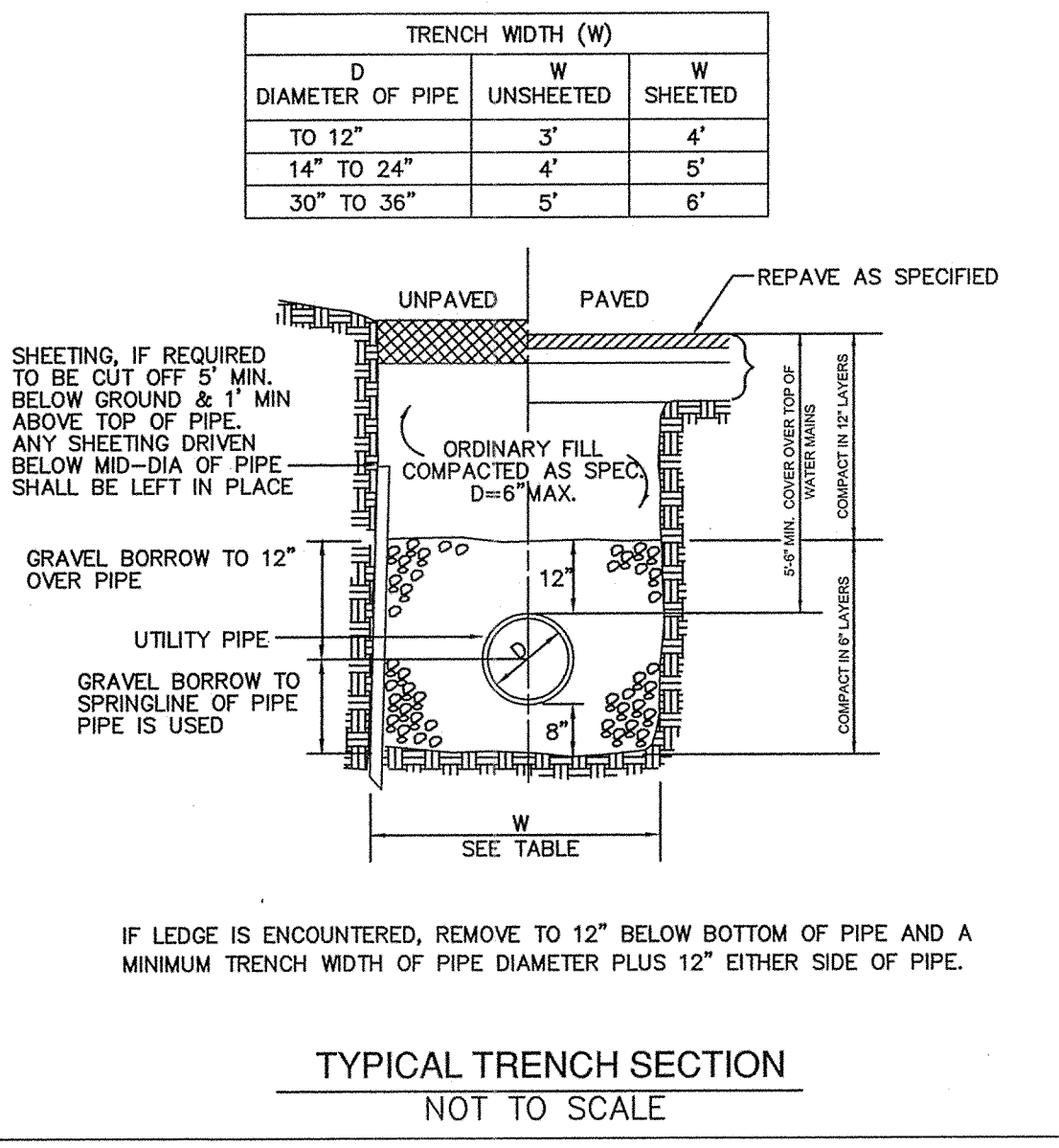
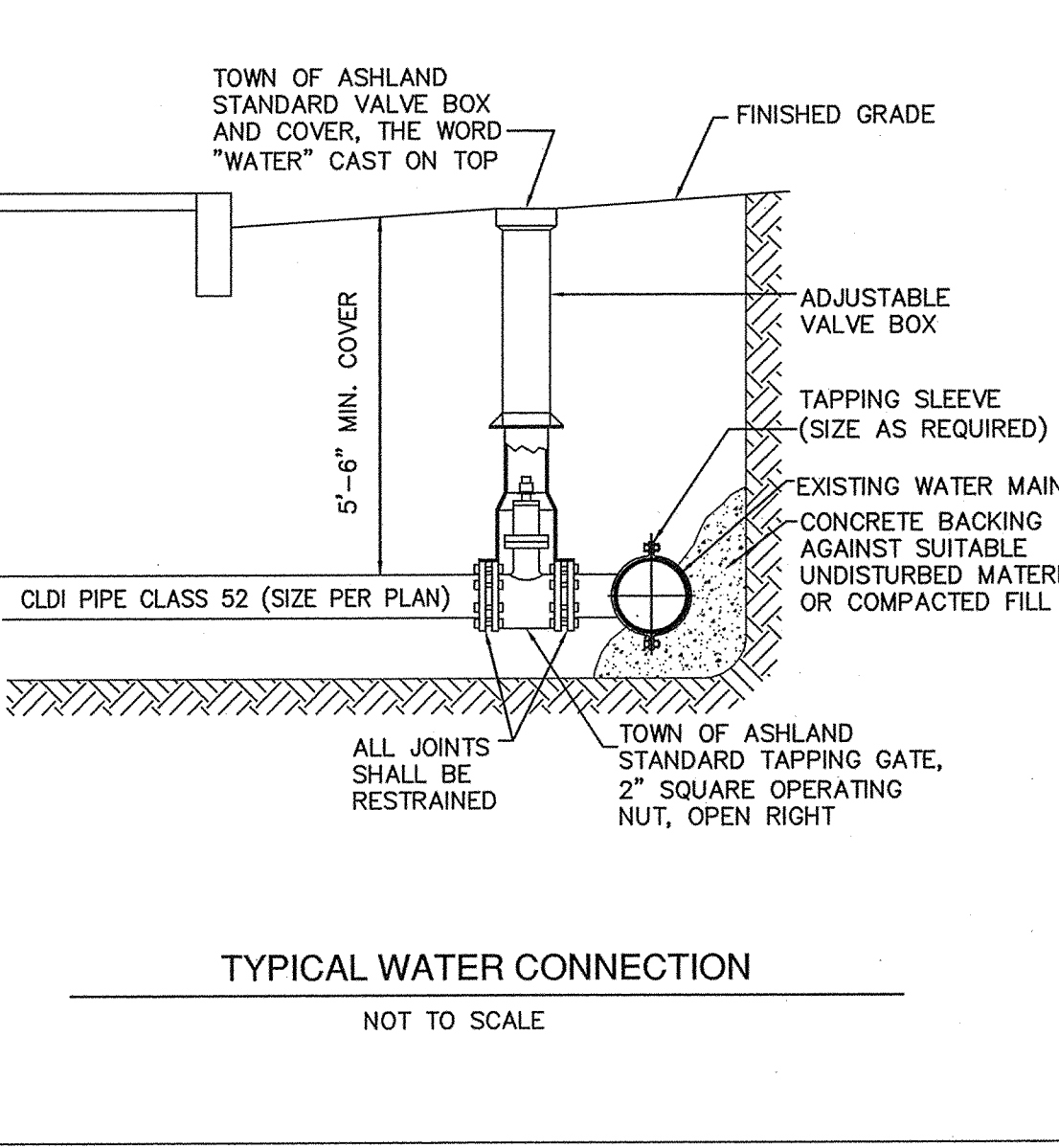
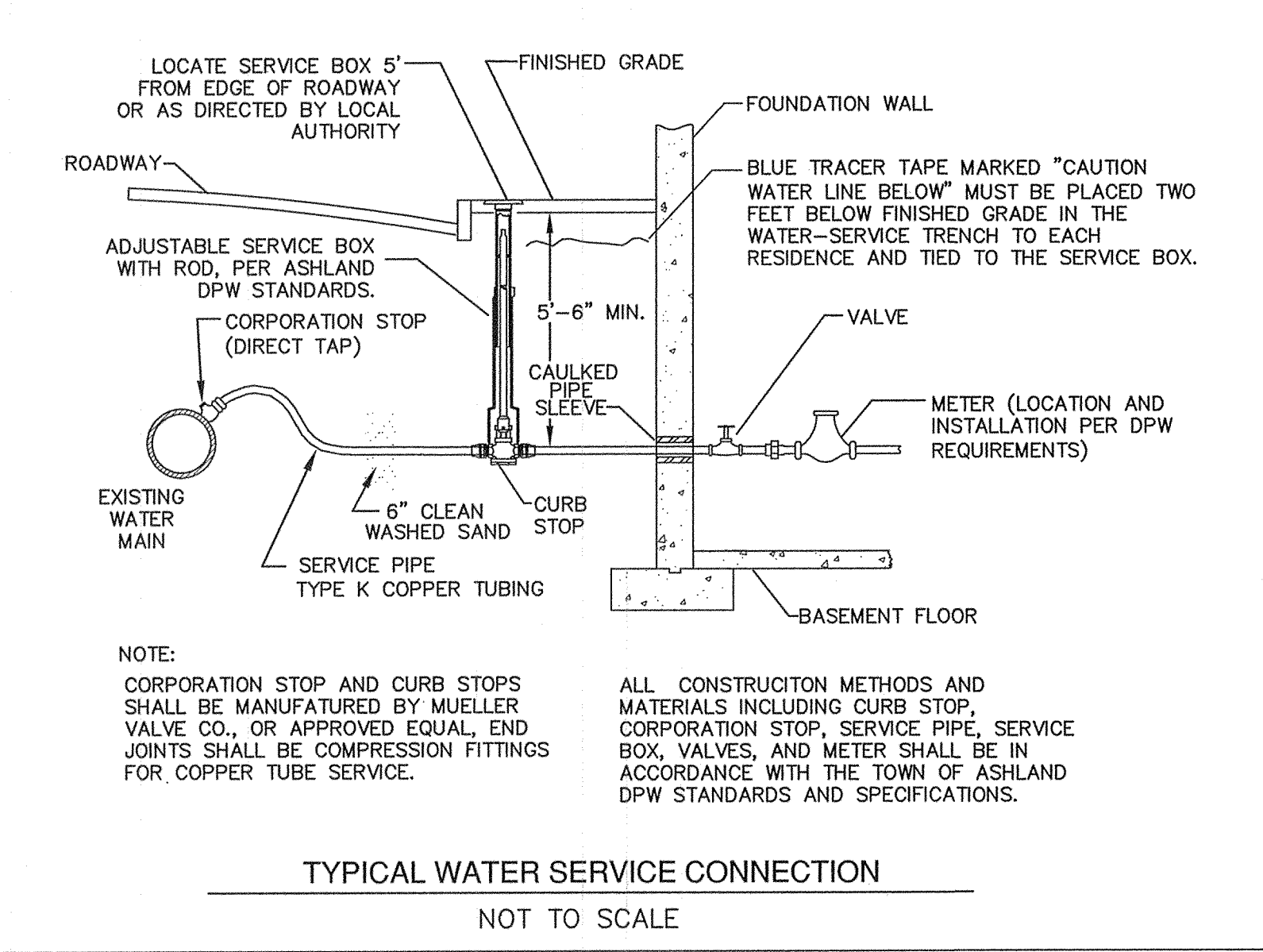
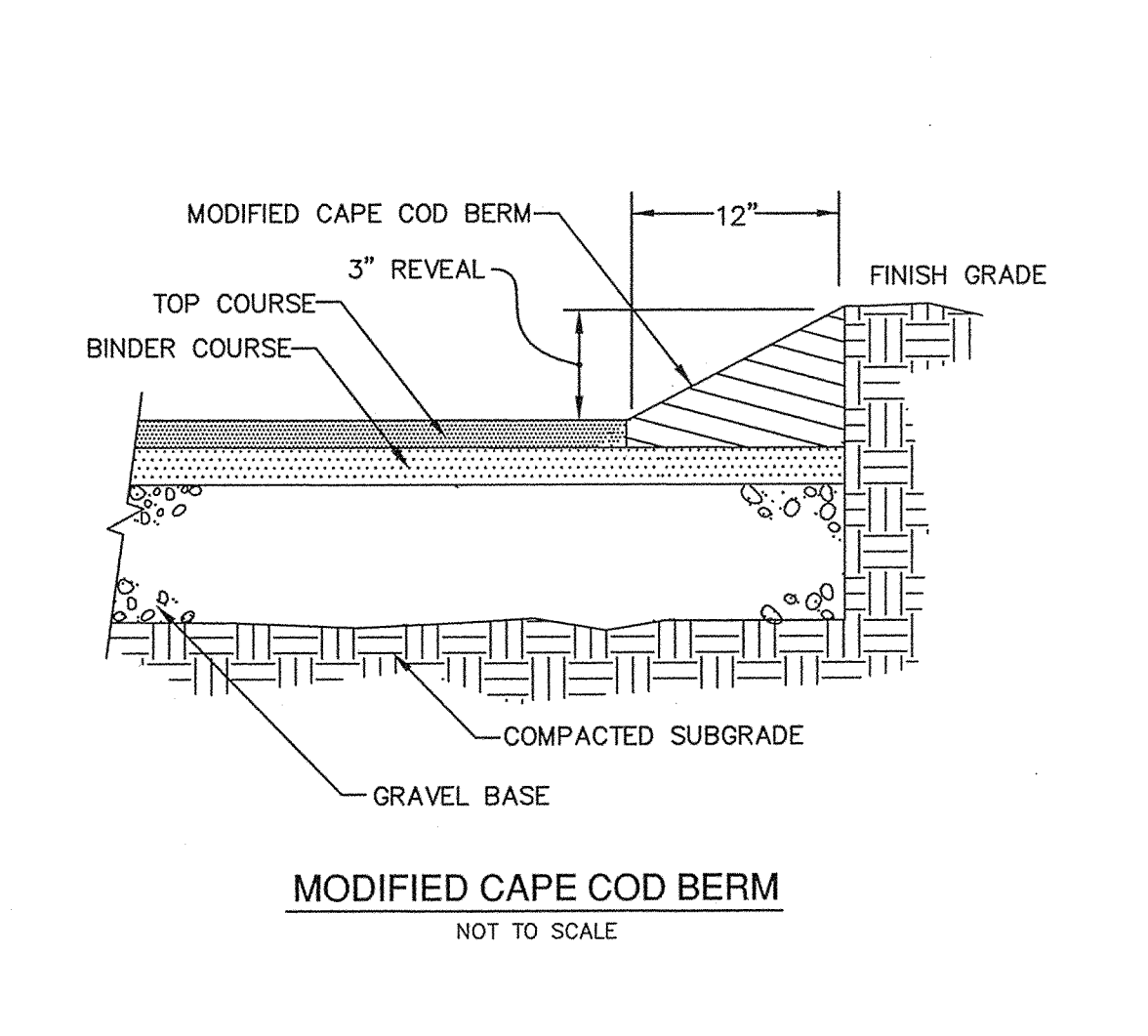
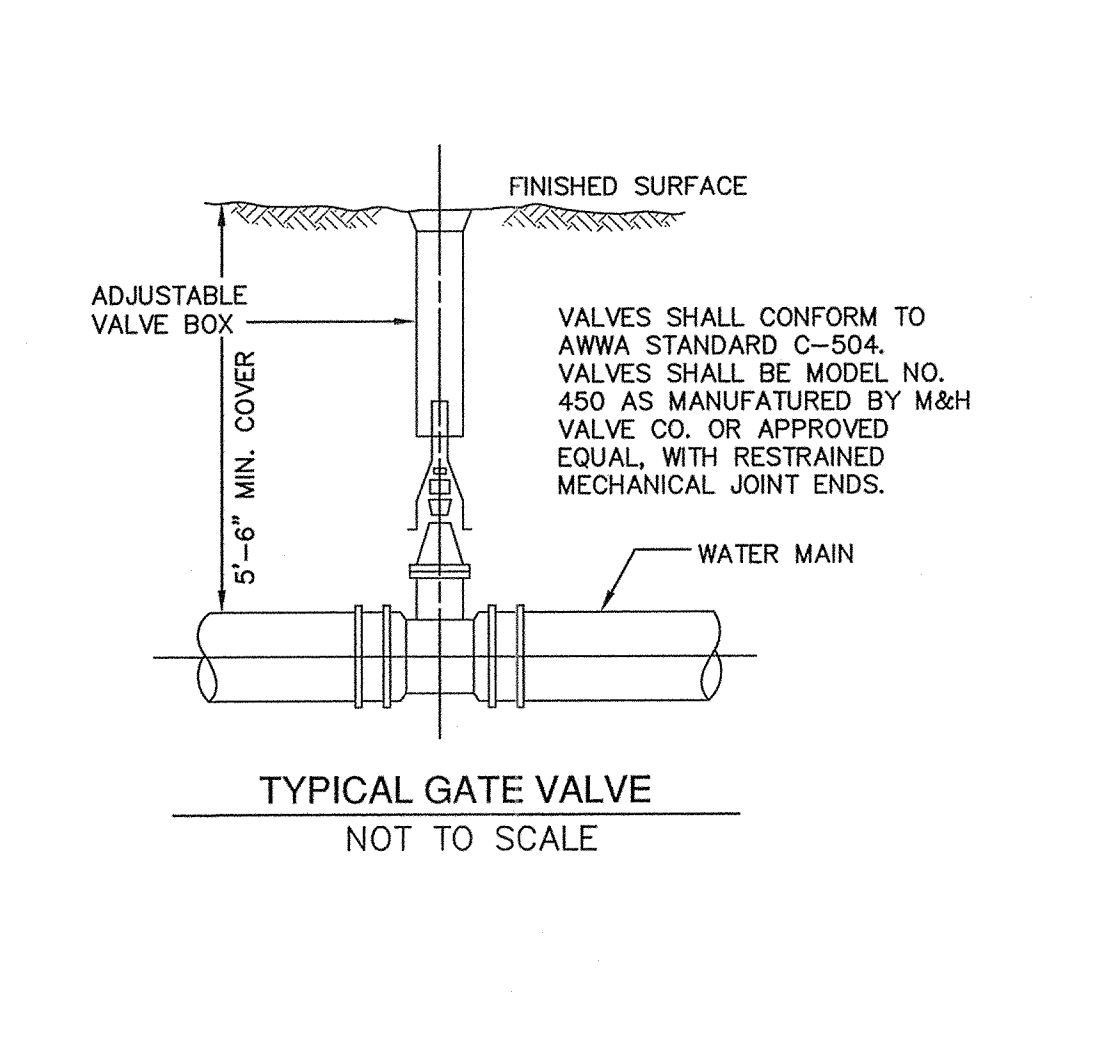
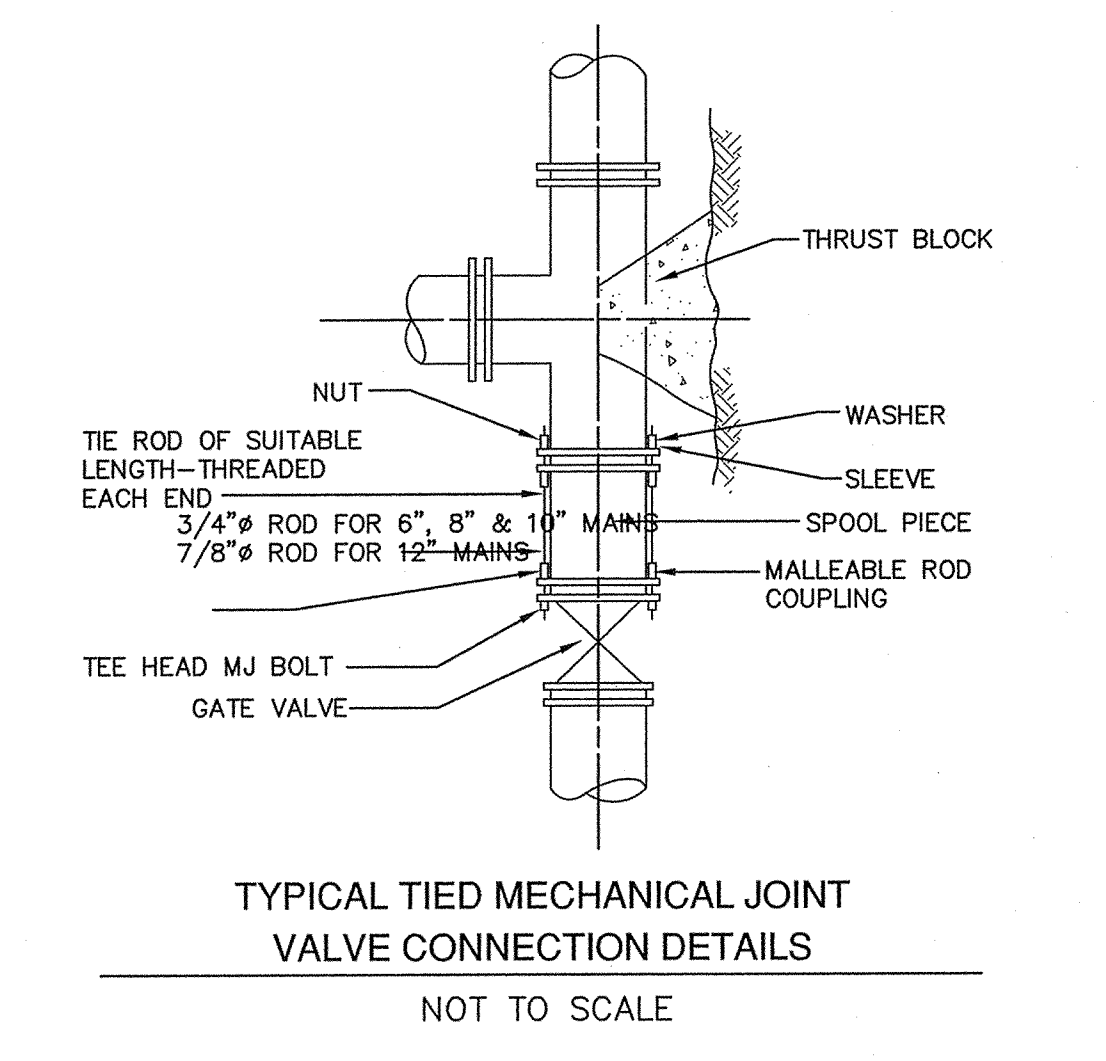
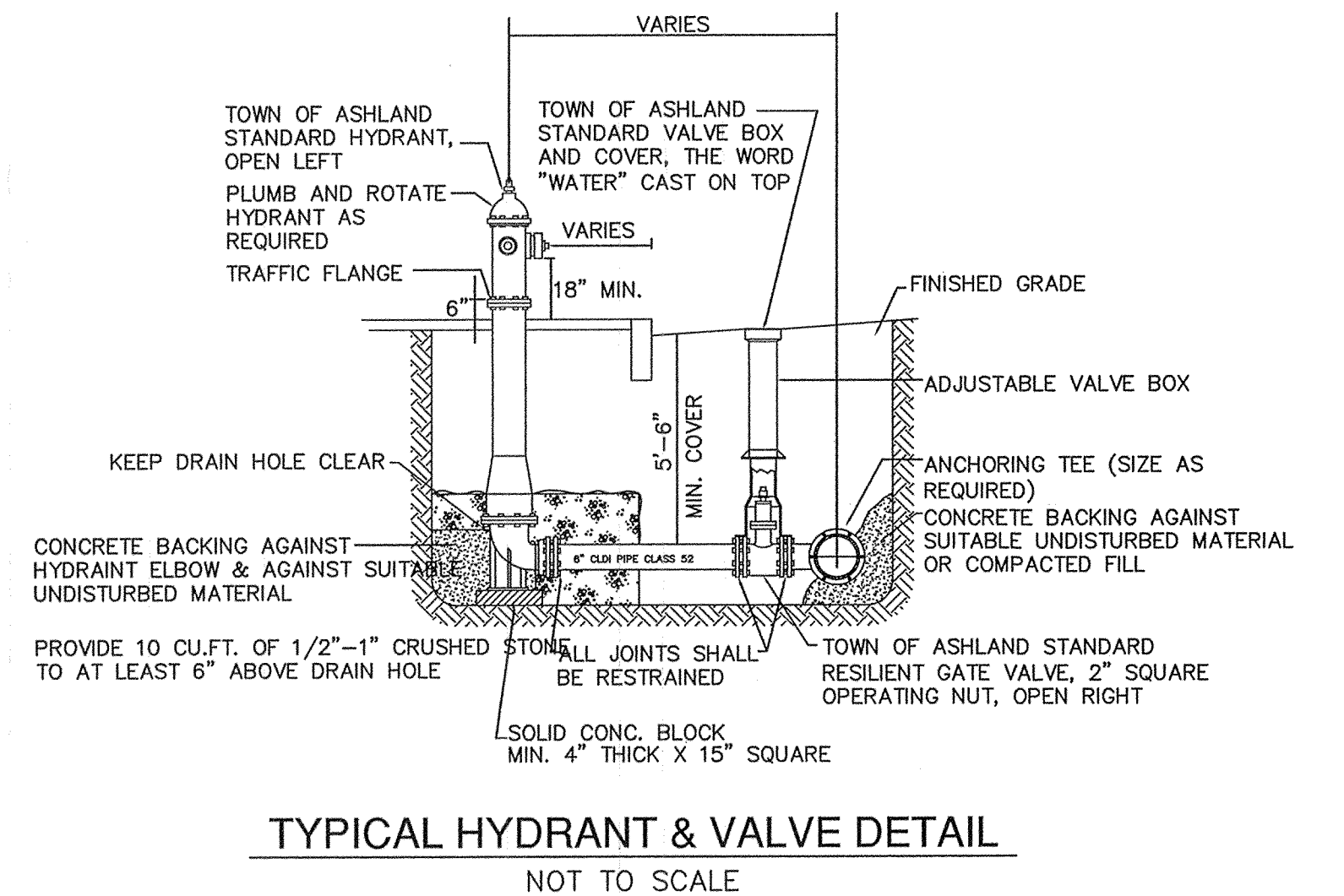
DATE	DESCRIPTION
9-27-21	ADD PHASE 2 BUILDING
5-10-16	SITE LAYOUT & DRAINAGE
3-22-16	STORMWATER & DRAINAGE
3-10-16	SIDEWALK EDITS
2-24-16	EDITS PER TECH. REVIEW
REVISED:	DESCRIPTION:
DRAWN BY: RM	CHECK BY: VC
DATE: JANUARY 27, 2016	
SCALE: 1" = 30'	SHEET 2 OF 5.

- EROSION AND SEDIMENTATION CONTROL NOTES:
- ALL WORK SHALL BE IN ACCORDANCE WITH THE ORDER OF CONDITIONS ISSUED BY THE TOWN OF ASHLAND CONSERVATION COMMISSION AND THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
 - PRIOR TO INITIATING CONSTRUCTION, ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND DETAIL DRAWINGS.
 - THIS PLAN DEPICTS THE MINIMUM REQUIRED SEDIMENTATION AND EROSION CONTROLS. THE CONTRACTOR SHALL EMPLOY ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES AS NECESSITATED BY SITE CONDITIONS, OR AS DIRECTED BY THE OWNER, THE OWNER'S REPRESENTATIVE, OR THE CONSERVATION COMMISSION TO ENSURE PROTECTION OF ALL WETLAND RESOURCES AND CONTROL SEDIMENT TRANSPORT. IF SEDIMENTATION PLUMES OCCUR, THE CONTRACTOR SHALL STOP WORK AND INSTALL ADDITIONAL SEDIMENTATION CONTROL DEVICES IMMEDIATELY TO PREVENT FURTHER SEDIMENTATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY AND PERMANENT SEDIMENTATION AND EROSION CONTROLS UNTIL WORK IS COMPLETE AND ALL AREAS HAVE BEEN PERMANENTLY STABILIZED. AT SUCH TIME THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SEDIMENTATION AND EROSION CONTROL MEASURES.
 - THE CONTRACTOR SHALL INSPECT SEDIMENTATION AND EROSION CONTROLS ON A WEEKLY BASIS AND IMMEDIATELY BEFORE/AFTER EACH RAINFALL; REPAIRS SHALL BE MADE BY THE END OF THE WORKING DAY. ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR WHEN THE VOLUME REACHES 1/2 THE HEIGHT OF SILT FENCE OR SEDIMENT TRAP CAPACITY, OR AS DIRECTED BY THE LOCAL AUTHORITY.
 - SOIL STOCKPILES SHALL BE STABILIZED TO PREVENT EROSION, AND A PERIMETER SEDIMENT CONTROL SYSTEM SHALL BE INSTALLED. NO MATERIALS SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF A WETLAND UNLESS COVERED.
 - DISTURBED AREAS SHALL BE STABILIZED WITH MINIMUM 4 INCHES OF LOAM AND SEEDING (OR BY ANOTHER APPROVED METHOD) AS SOON AS POSSIBLE AFTER THE FINISHED GRADE HAS BEEN MET. DISTURBED AREAS WITH SLOPES 3:1 (H:V) OR GREATER SHALL BE COVERED WITH LOAM AND STABILIZED WITH HYDRO-SEED AND SOIL TACKIFIER. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON AREAS SHALL BE MULCHED WITH STRAW AND SECURED.
 - DEWATERING OPERATIONS, IF REQUIRED, SHALL DISCHARGE ONTO STABILIZED AREAS AND ALL DISCHARGE WATER IS TO PASS THROUGH SEDIMENTATION CONTROL DEVICES TO PREVENT IMPACTS UPON WATER BODIES, BORDERING VEGETATED WETLANDS, DRAINAGE SYSTEMS AND ADJUTING PROPERTIES. NO DISCHARGES FROM DEWATERING OPERATIONS SHALL BE DISCHARGED DIRECTLY TO THE DRAINAGE SYSTEM.
 - STREET SWEEPING IN THE VICINITY OF THE PROJECT AREA SHALL BE PERFORMED AS NEEDED UNTIL THE PROJECT LIMITS HAVE BEEN STABILIZED. ALL SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.
 - ALL EXISTING AND PROPOSED DRAINAGE SYSTEM INLETS, WHICH MAY RECEIVE STORMWATER FLOW FROM DISTURBED AREAS, SHALL BE PROVIDED WITH INLET PROTECTION (CATCH BASIN INSERTS).
 - DUST CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED PROPERLY THROUGHOUT DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. METHODS FOR DUST CONTROL SHALL INCLUDE WATER SPRINKLING AND/OR OTHER METHODS APPROVED BY THE ENGINEER.
 - ALL VEHICLES SHALL ENTER AND EXIT DISTURBED AREAS VIA A STABILIZED CONSTRUCTION ENTRANCE (SEE DETAIL). THE CONTRACTOR SHALL INSPECT THE CONSTRUCTION ENTRANCE DAILY AND AFTER HEAVY USE AND REPAIR OR REPLACE THE STONE AS REQUIRED.
 - EQUIPMENT SHALL NOT BE PARKED WITHIN WETLANDS OR BUFFER AREAS.

- SOIL TEST HOLES:
- DTH-1
0-8" SAND
8-40" SUBSOIL
40-72" COARSE SAND & GRAVEL
WATER AT 68"
E.S.H.G.W. AT 62" (elev. 187.8±)
- DTH-2
0-6" FILL
6-7" TOPSOIL
7-50" SUBSOIL
50-108" SANDY GRAVEL
WEEPING AT 78" (elev. 189.5±)
- DTH-3
0-10" TOPSOIL
10-24" FILL
24-34" TOPSOIL
34-46" SUBSOIL
46-58" TILL
58-96" TILL & GRAVEL
96-144" GRAVEL
MOTTLES AT 36" (elev. 189.5±)
- DTH-4
0-30" FILL
30-42" SUBSOIL
42-66" SANDY LOAM
MOTTLES AT 48" (elev. 188.5±)
- DTH-5
0-24" FILL
24-48" SAND
MOTTLES: NONE
E.S.H.G.W. AT 48" (elev. 188.5±)
- DTH-6
0-4" TOPSOIL
4-24" SUBSOIL
24-96" SAND & GRAVEL
MOTTLES @ 84"
E.S.H.G.W. AT 84" (elev. 186.5±)
- DTH-7
0-4" TOPSOIL
4-36" SUBSOIL
36-72" SAND & GRAVEL
72-84" COARSE SAND & GRAVEL
MOTTLES @ 72"
E.S.H.G.W. AT 72" (elev. 189±)
- DTH-8
0-8" TOPSOIL
8-36" SUBSOIL
36-72" COARSE SAND & GRAVEL
MOTTLES: NONE
REFUSAL @ 72"
E.S.H.G.W. AT 72" (elev. 189.5±)
- DTH-9
0-6" TOPSOIL
6-54" SUBSOIL
54-72" COARSE SAND & GRAVEL
MOTTLES: NONE
REFUSAL @ 72"
E.S.H.G.W. AT 72" (elev. 189.5±)
- DTH-10
0-15" FILL (GRAVEL)
15-60" FINE SAND
60-84" COARSE SAND & GRAVEL
MOTTLES @ 96"
E.S.H.G.W. AT 96" (elev. 185±)
- DTH-11
0-15" FILL
15-27" TOPSOIL
27-34" SUBSOIL
34-84" SANDY LOAM
MOTTLES AT 60"
E.S.H.G.W. AT 60" (elev. 187.5±)
- DTH-12
0-8" TOPSOIL
8-40" SUBSOIL
40-66" SANDY LOAM
MOTTLES AT 40"
E.S.H.G.W. AT 40" (elev. 188.5±)
- DTH-13
0-12" FILL
12-24" TOPSOIL
24-30" SUBSOIL
30-96" SANDY LOAM
MOTTLES AT 84"
E.S.H.G.W. AT 84" (elev. 185±)

PROPOSED CONDITIONS
SCALE 1" = 30'

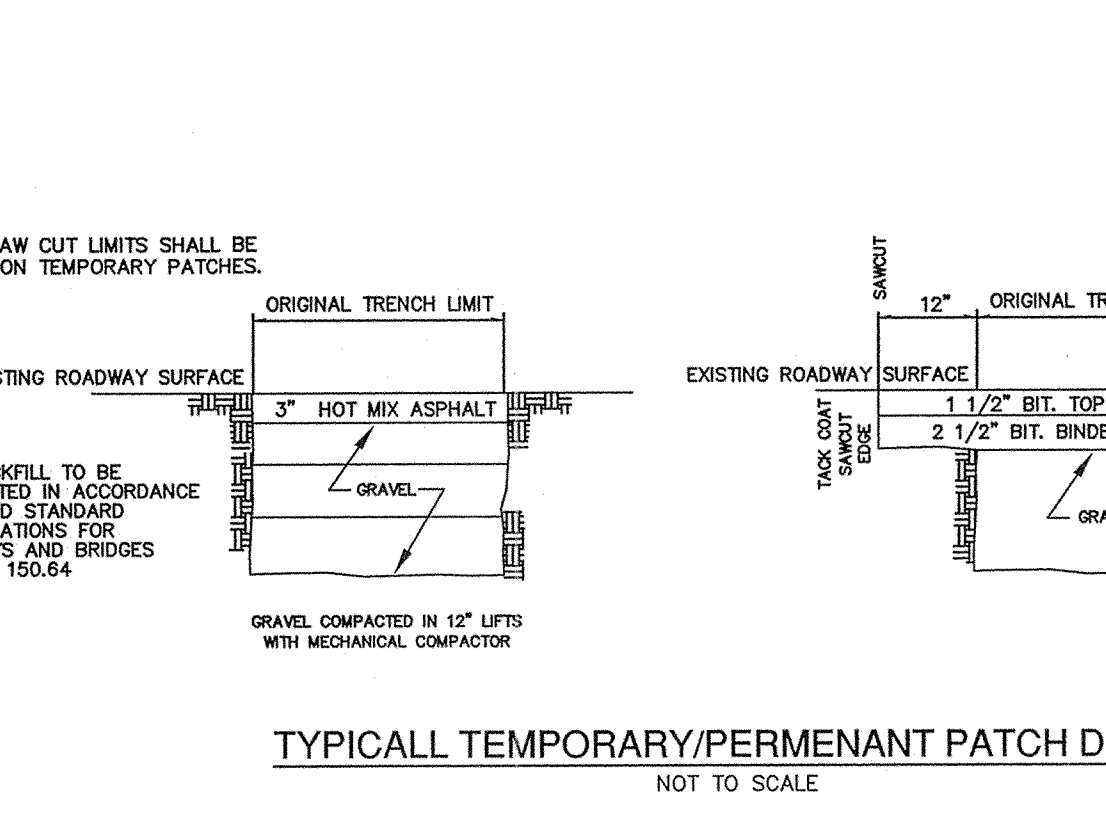




NOTE: CONCRETE FOR THRUST BLOCKS SHALL BE NO LONGER THAN THE RATIO OF 2 1/2 : 5 1/2 AND SHALL HAVE A MINIMUM COMPRESSION STRENGTH OF 2000 PSI (SO THAT FLANGES AND BOLTS ARE ACCESSIBLE.)

BEARING AREAS OF THRUST BLOCKS (BEARING AREA IN SQUARE FT.)				
PIPE SIZE INCHES	1/4 BEND	1/8 BEND	1/16 BEND OR LESS	PLUG TEES
6 AND 8	8	8	8	8
10 AND 12	22	13	8	16

TYPICAL THRUST BLOCK DETAIL
NOT TO SCALE



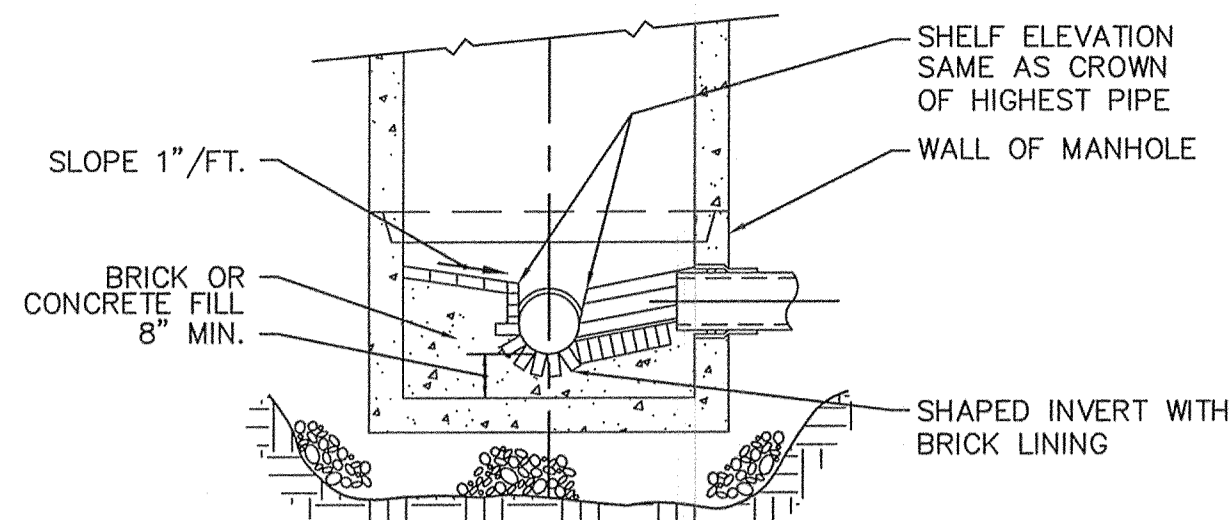
OWNER:
ASHLAND LANDSCAPE SUPPLY, LLC
18 WAVERLY STREET
ASHLAND, MA 01702

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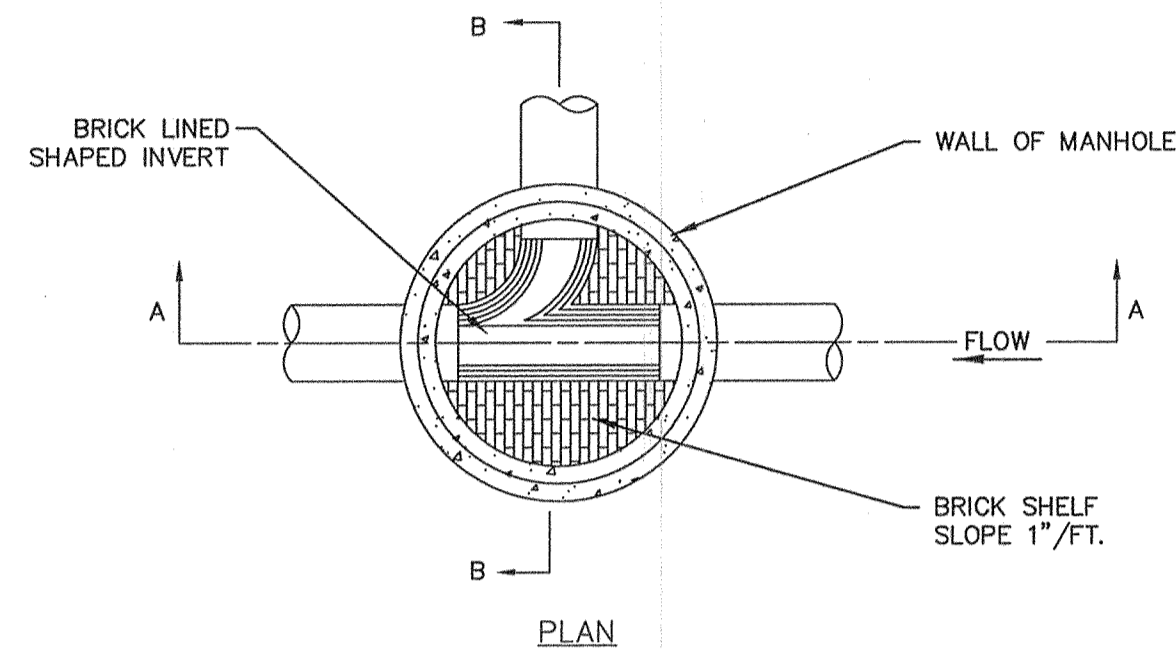
PROPOSED SITE PLAN OF 0 MEGUNKO ROAD IN ASHLAND, MASS.

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SCALE: NONE	SHEET 3 OF 5

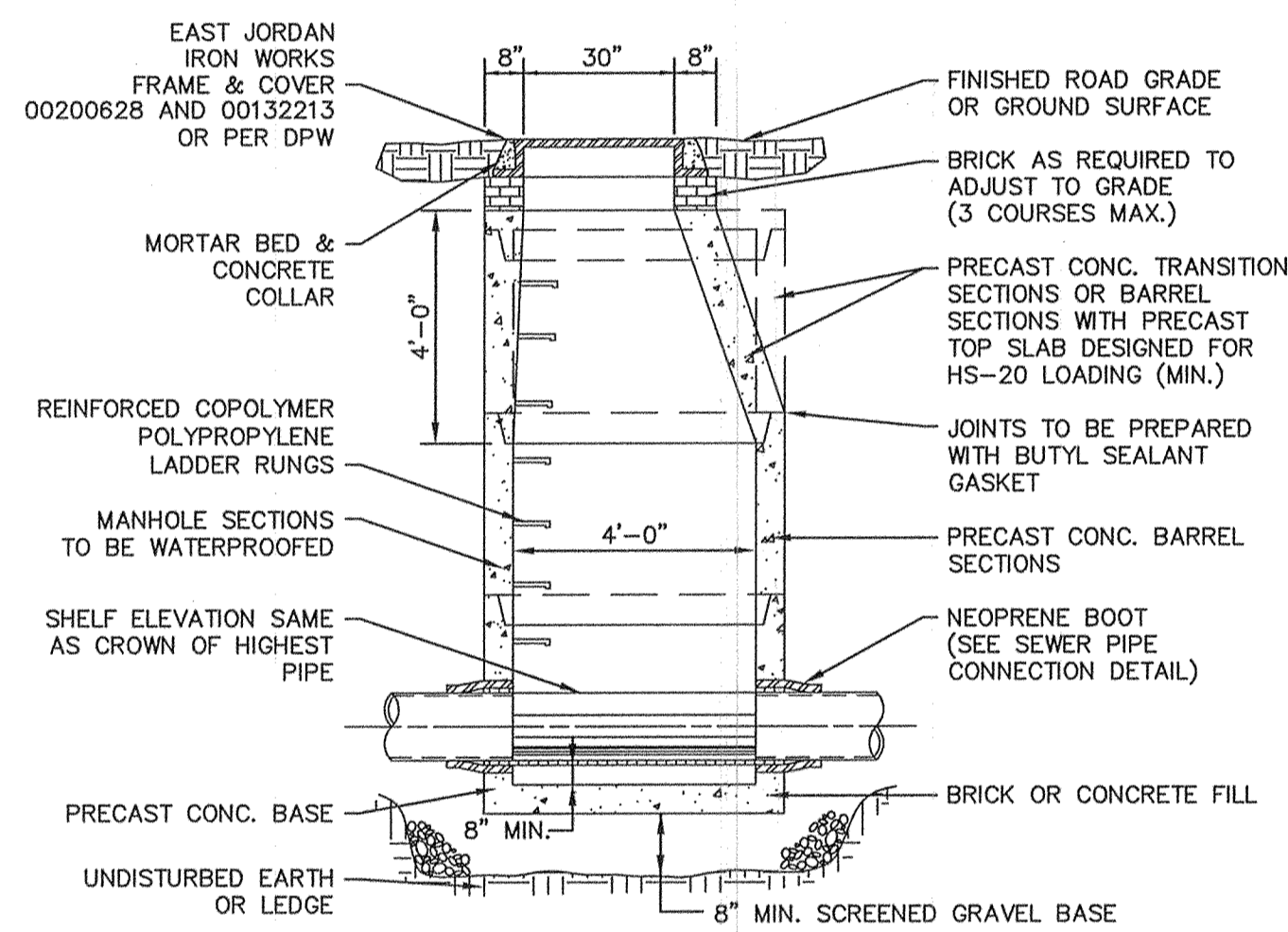
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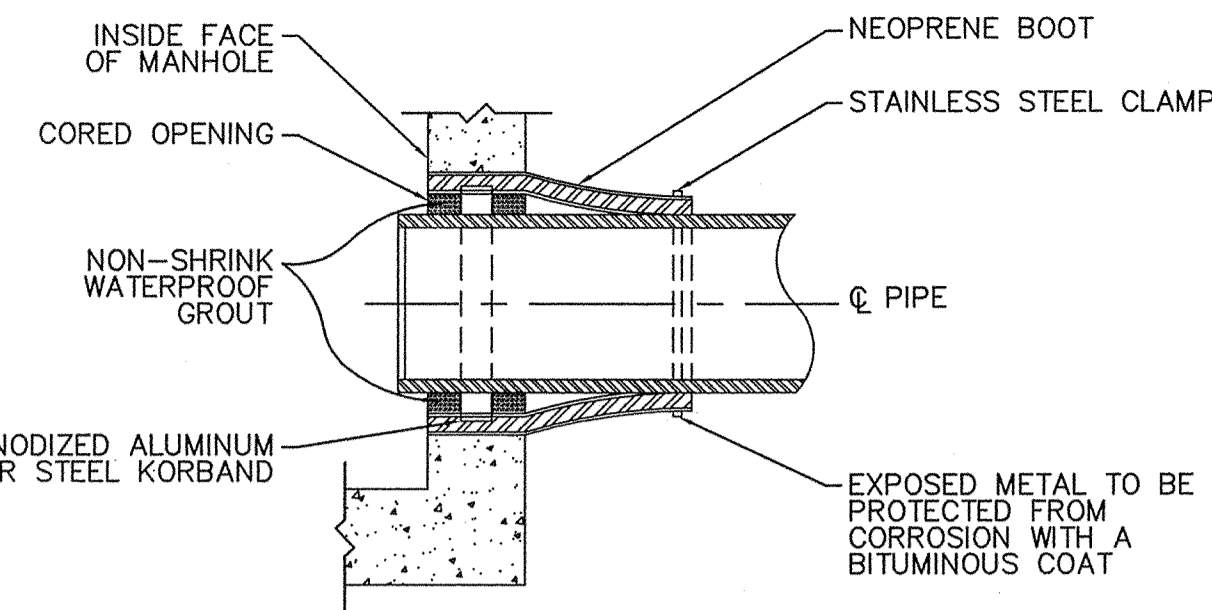
SECTION B-B
NOT TO SCALE



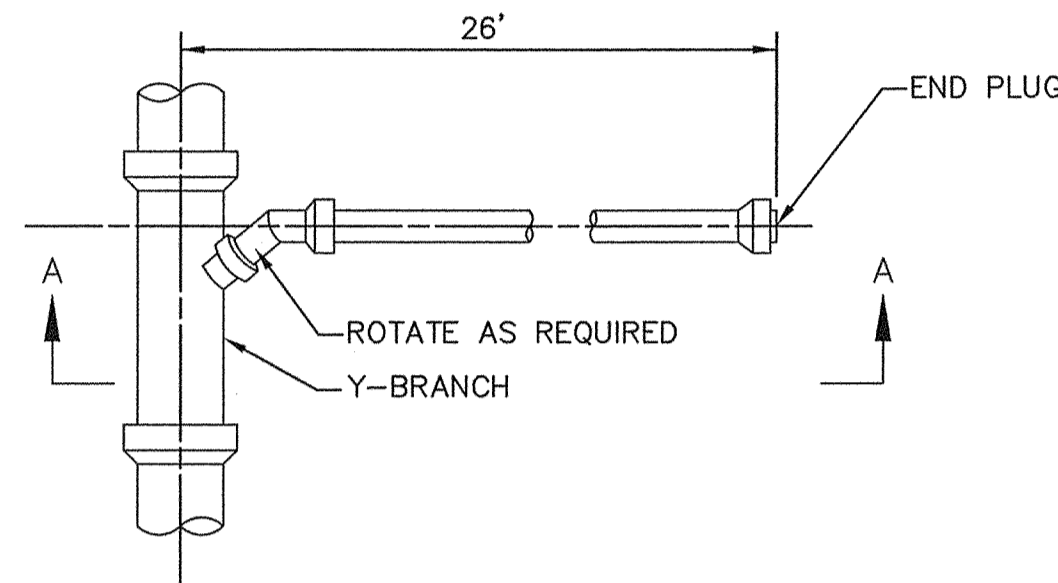
PLAN



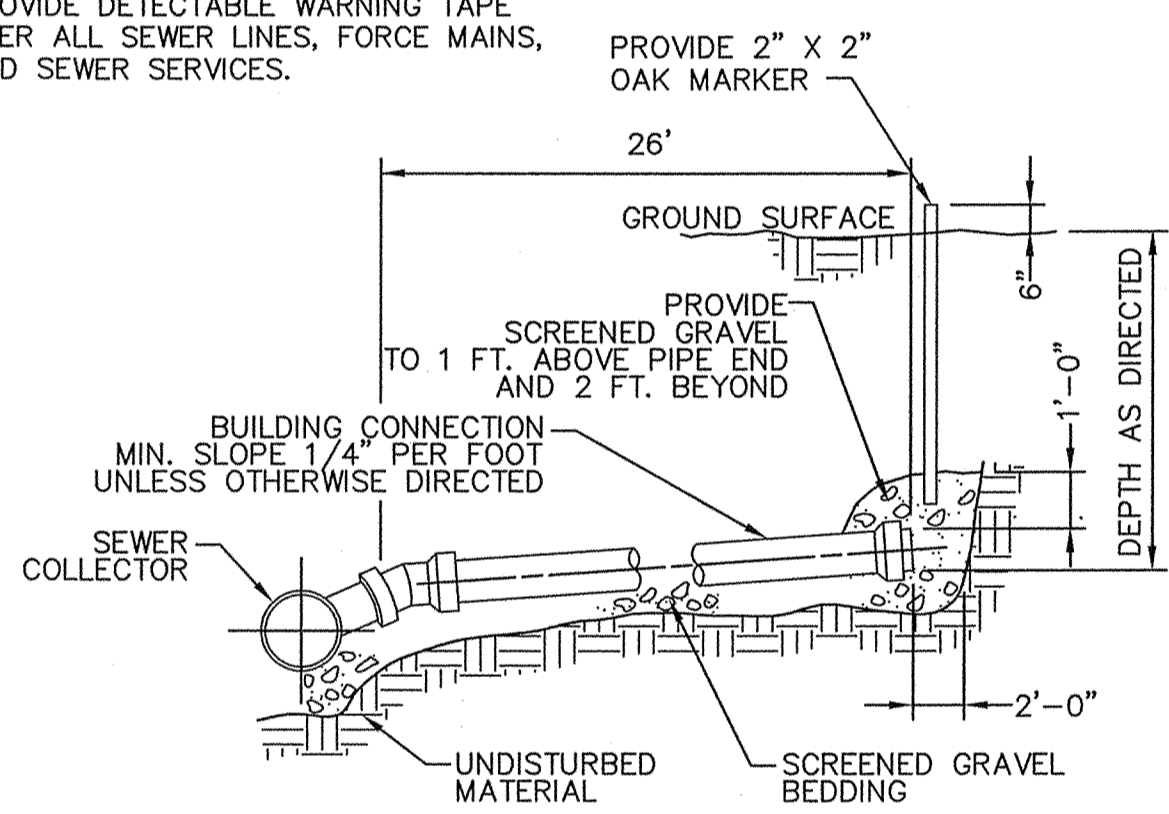
SECTION A-A
TYPICAL PRECAST SEWER MANHOLE
WITH PRECAST BASE
NOT TO SCALE



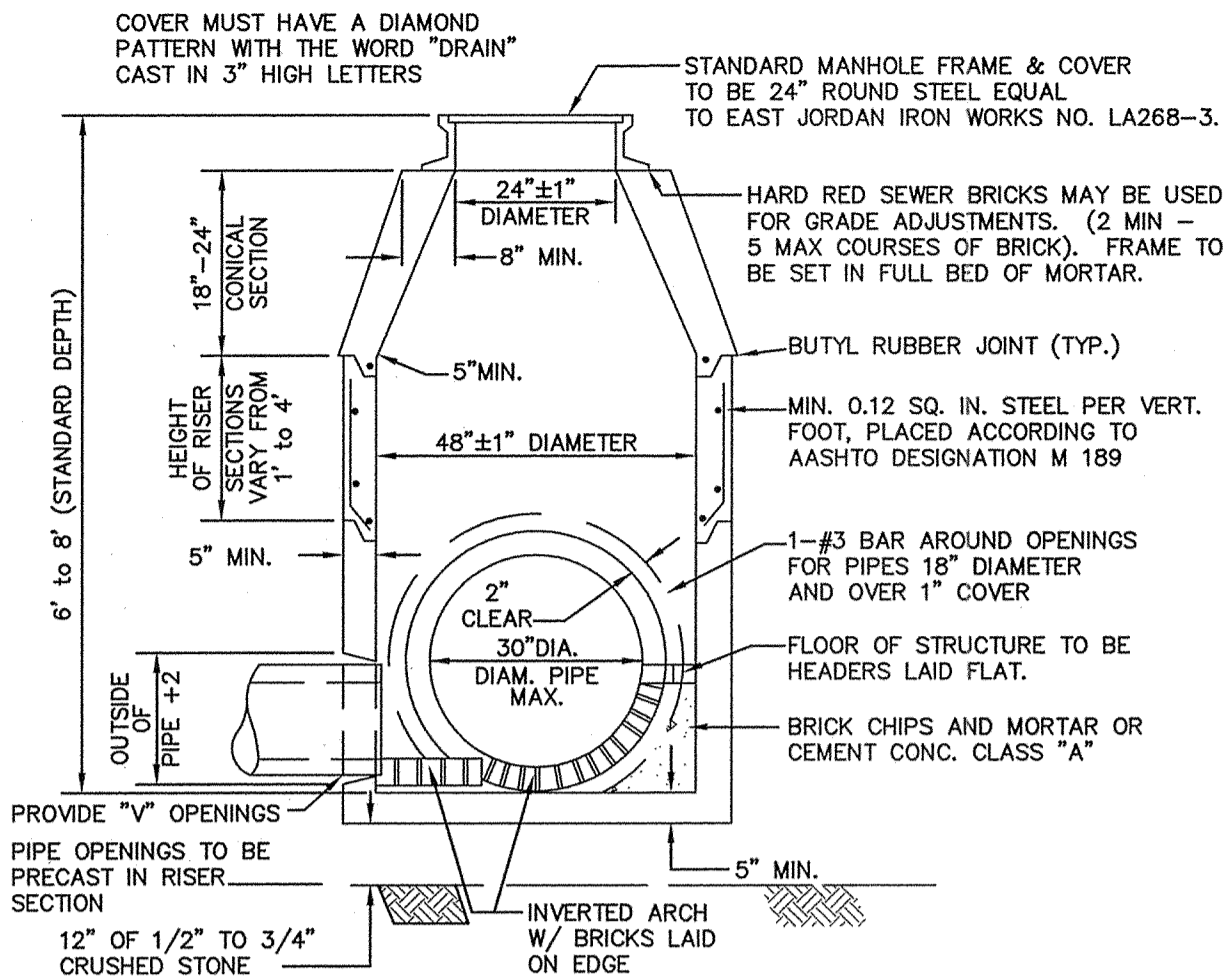
SEWER PIPE CONNECTION DETAIL
USING NEOPRENE BOOT IN CORED HOLE
NOT TO SCALE



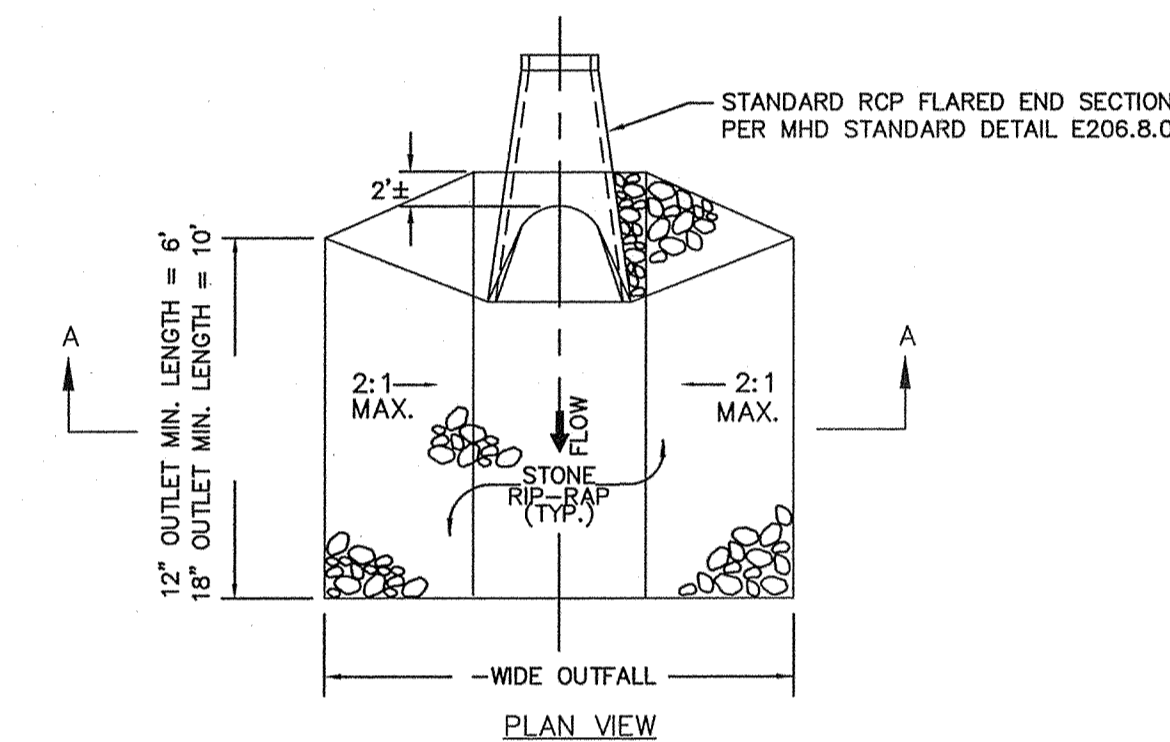
PROVIDE DETECTABLE WARNING TAPE OVER ALL SEWER LINES, FORCE MAINS, AND SEWER SERVICES.



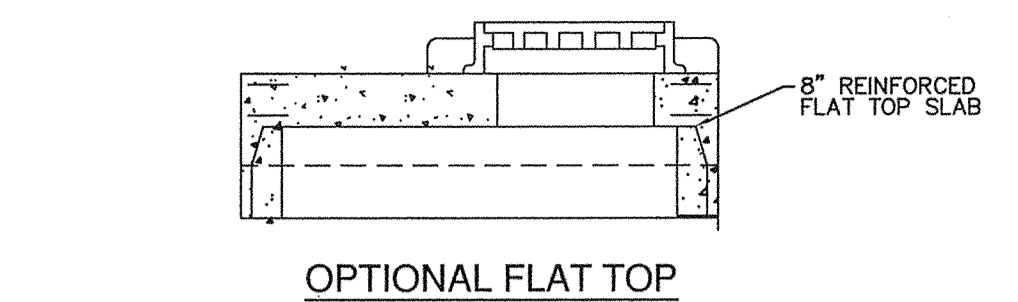
SECTION A-A
BUILDING SEWER CONNECTION
NOT TO SCALE



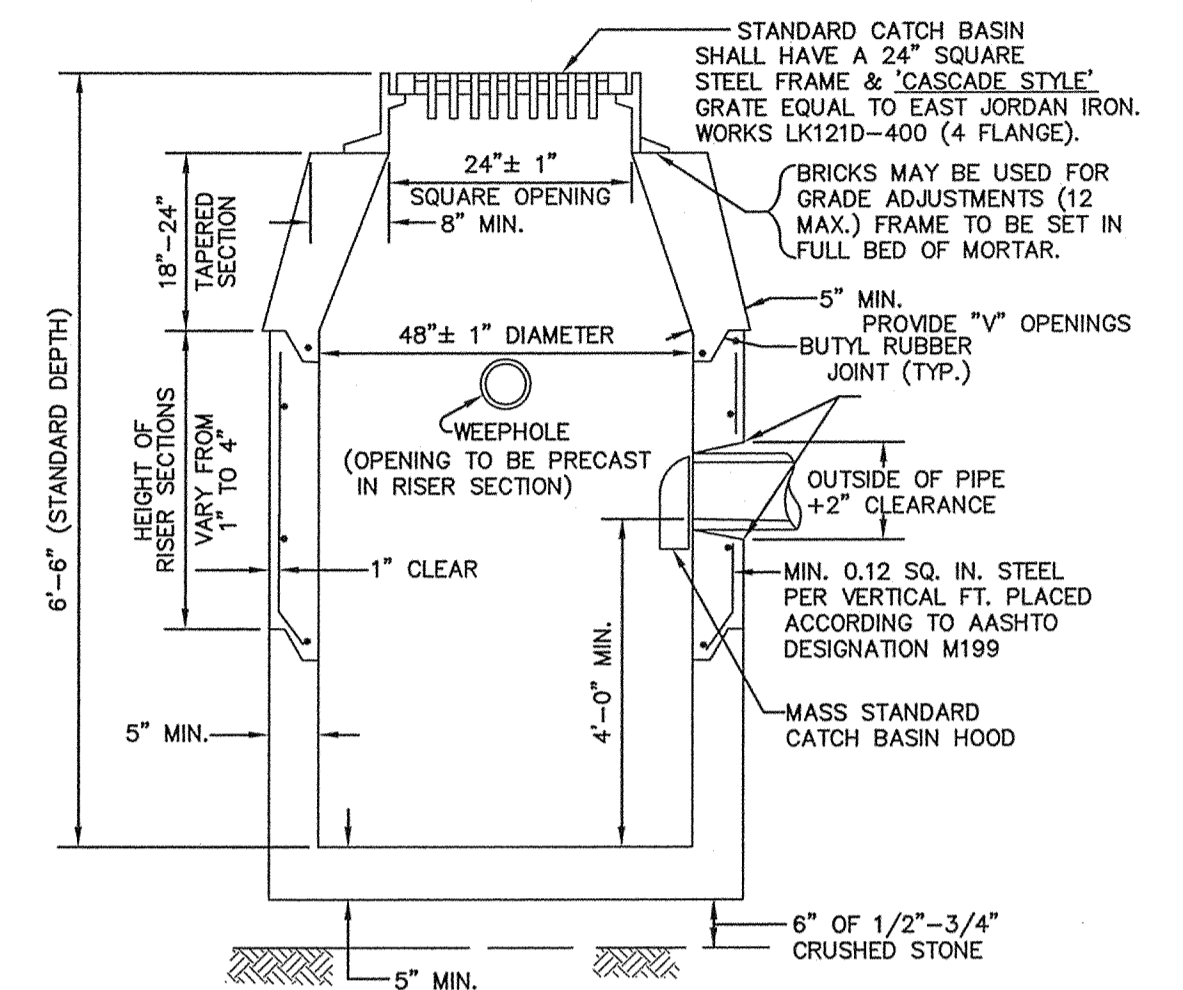
PRECAST CONCRETE DRAIN MANHOLE DETAILS
NOT TO SCALE



SECTION A-A
RIP-RAP APRON
NOT TO SCALE

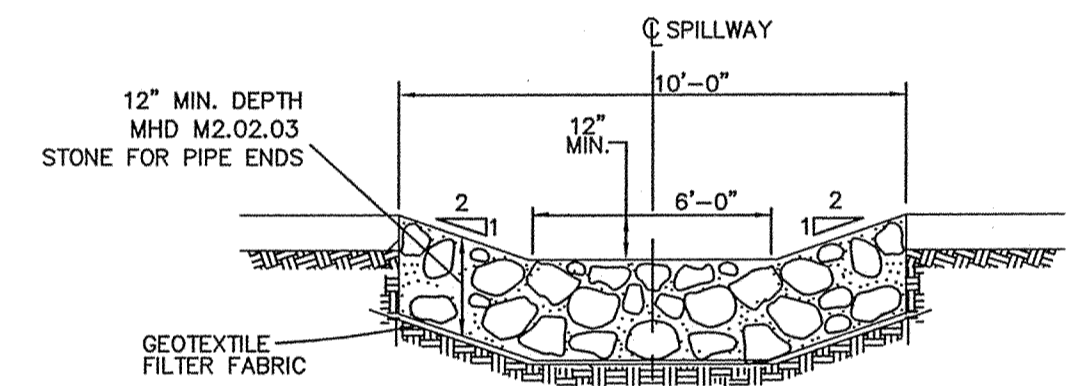


OPTIONAL FLAT TOP

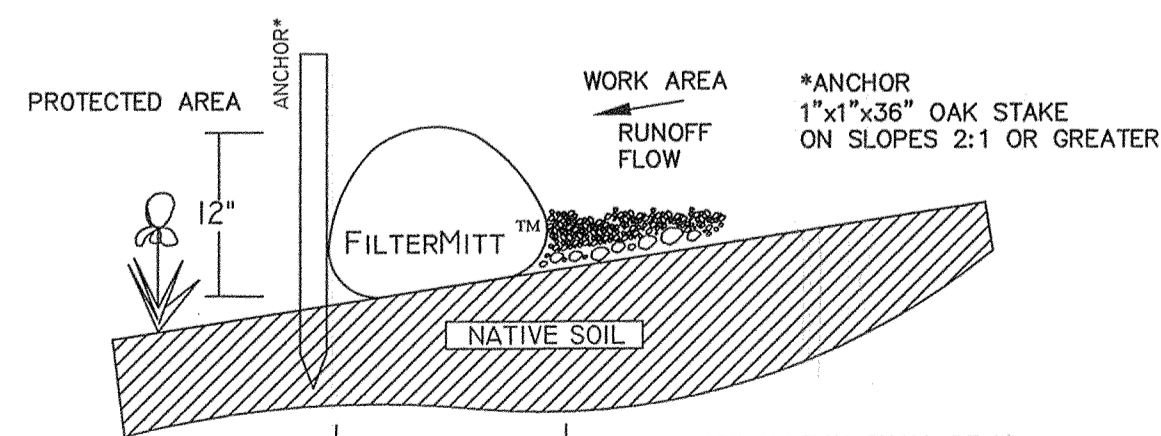


NOTE: NO BELL ENDS IN CATCH BASIN. CONNECTIONS TO BE TIGHTLY SEALED WITH MORTAR.

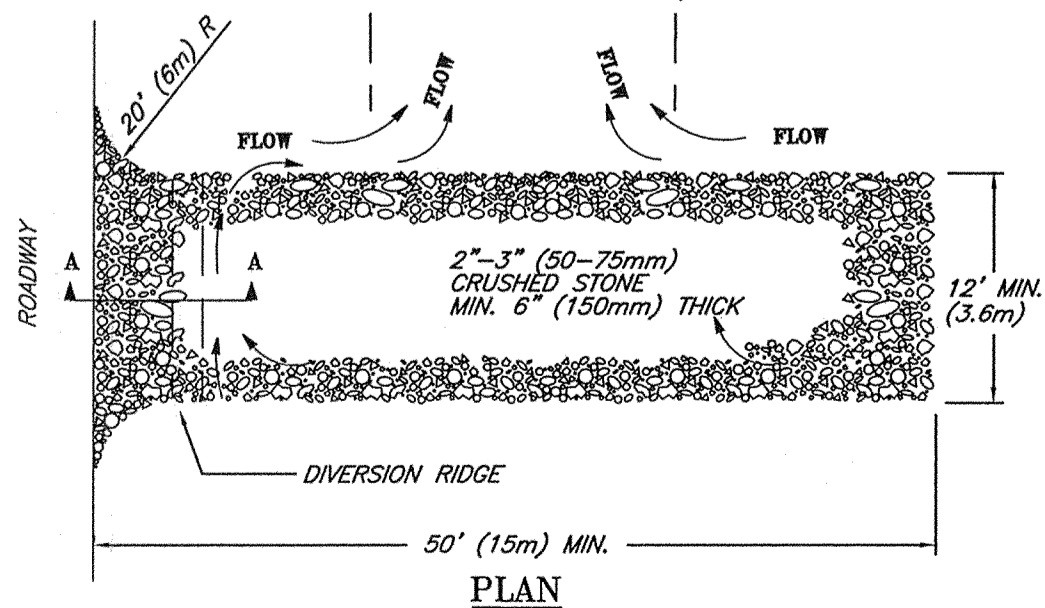
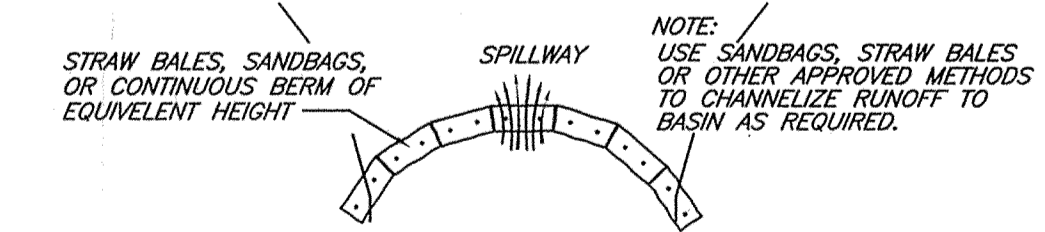
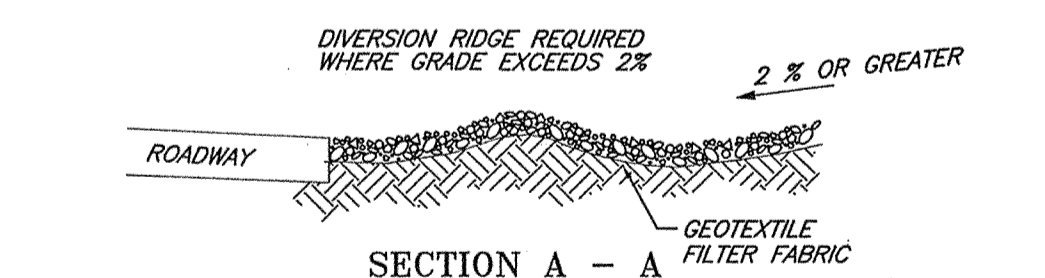
PRECAST CONCRETE CATCH BASIN DETAILS
NOT TO SCALE



EMERGENCY SPILLWAY DETAIL
NOT TO SCALE



SECTION VIEW
EROSION BARRIER / MULCH FILTER SOCK DETAIL
NOT TO SCALE

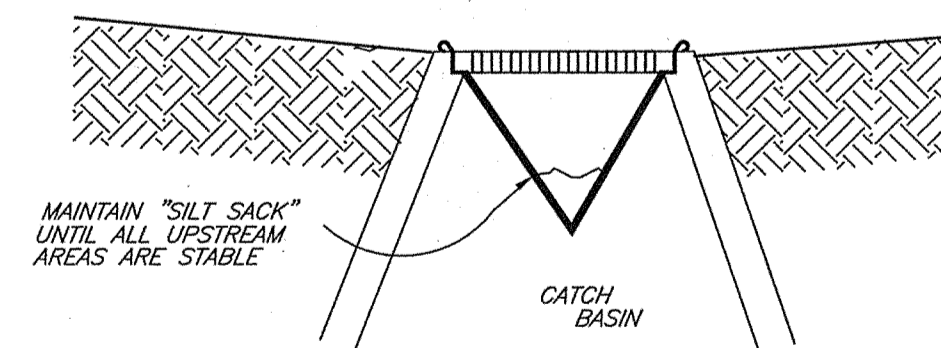


NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. STONE APRON SHALL BE REPLACED AS DEPOSITED SOILS BUILD UP.

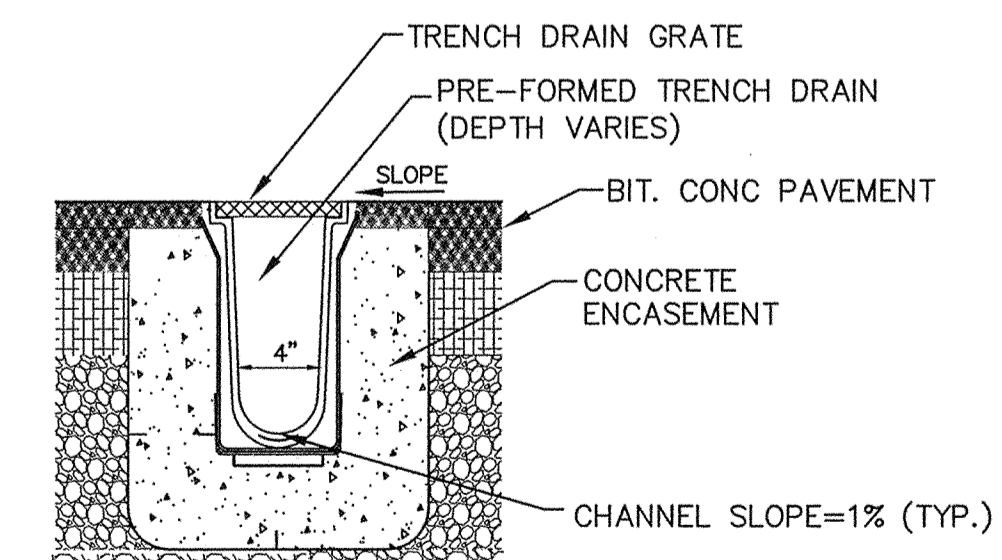
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

© 1994 JOHN MCGILLIEN



- NOTES:
1. SILT SACKS ARE TO BE INSPECTED WEEKLY DURING CONSTRUCTION AND IMMEDIATELY AFTER STORM EVENTS.
 2. IF SILT SACKS ARE MORE THAN 1/3RD FULL THEY SHALL BE EMPTIED IMMEDIATELY. CAPTURED SILT SHALL BE RETAINED ON SITE AND REUSED.

SILT SACK OR EQUAL
SEDIMENT CONTAINMENT SYSTEM
NOT TO SCALE



TRENCH DRAIN DETAIL
NOT TO SCALE

OWNER:

ASHLAND LANDSCAPE SUPPLY, LLC
18 WAVERLY STREET
ASHLAND, MA 01702

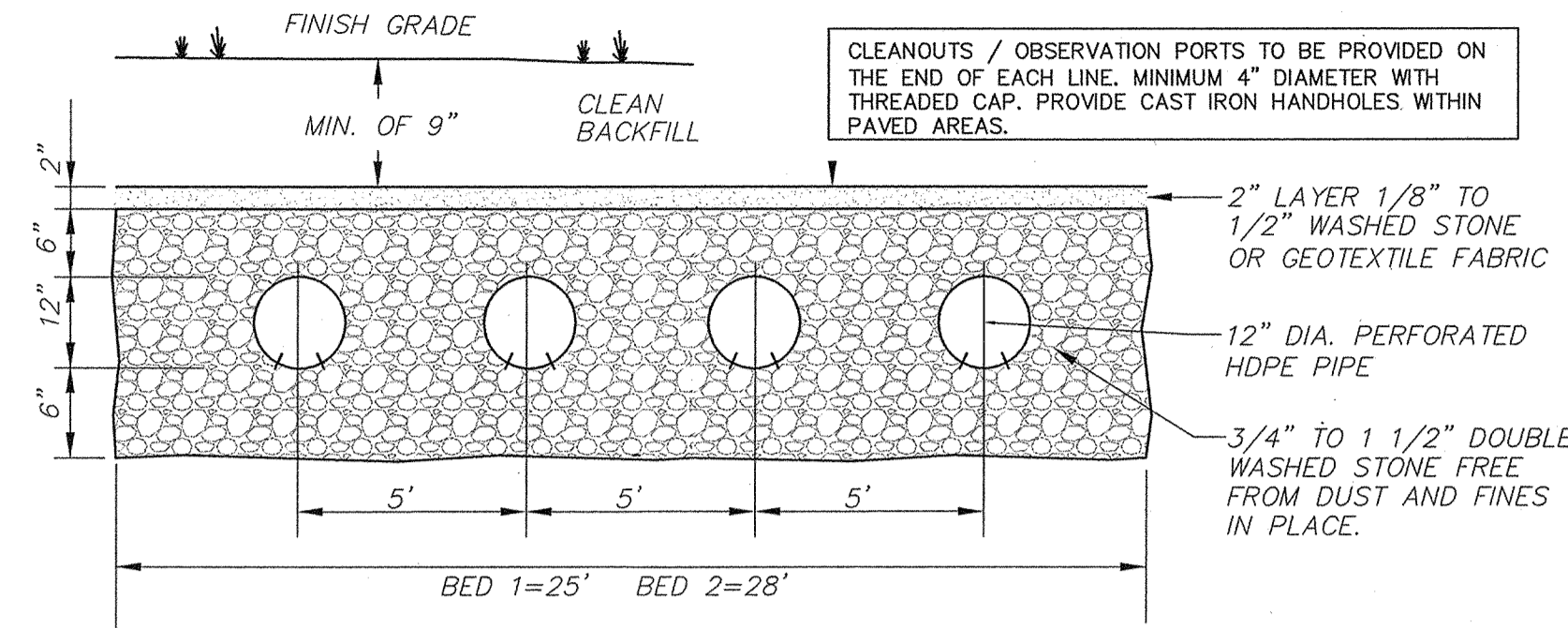
CONNORSTONE ENGINEERING INC.

CIVIL ENGINEERS AND LAND SURVEYORS
10 SOUTHWEST CUTOFF, SUITE 7
NORTHBOROUGH, MASSACHUSETTS 01532
PHONE: 508-393-9727 FAX: 508-393-5242

PROPOSED SITE PLAN
OF
0 MEGUNKO ROAD
IN
ASHLAND, MASS.

9-27-21	ADD PHASE 2 BUILDING
5-10-16	SITE LAYOUT & DRAINAGE
3-22-16	STORMWATER & DRAINAGE
3-10-16	SIDEWALK EDITS
2-24-16	EDITS PER TECH. REVIEW
REVISION:	DESCRIPTION:
DRAWN BY: RM	CHECK BY: VC
DATE: JANUARY 27, 2016	
SCALE: NONE	SHEET 4 OF 5.



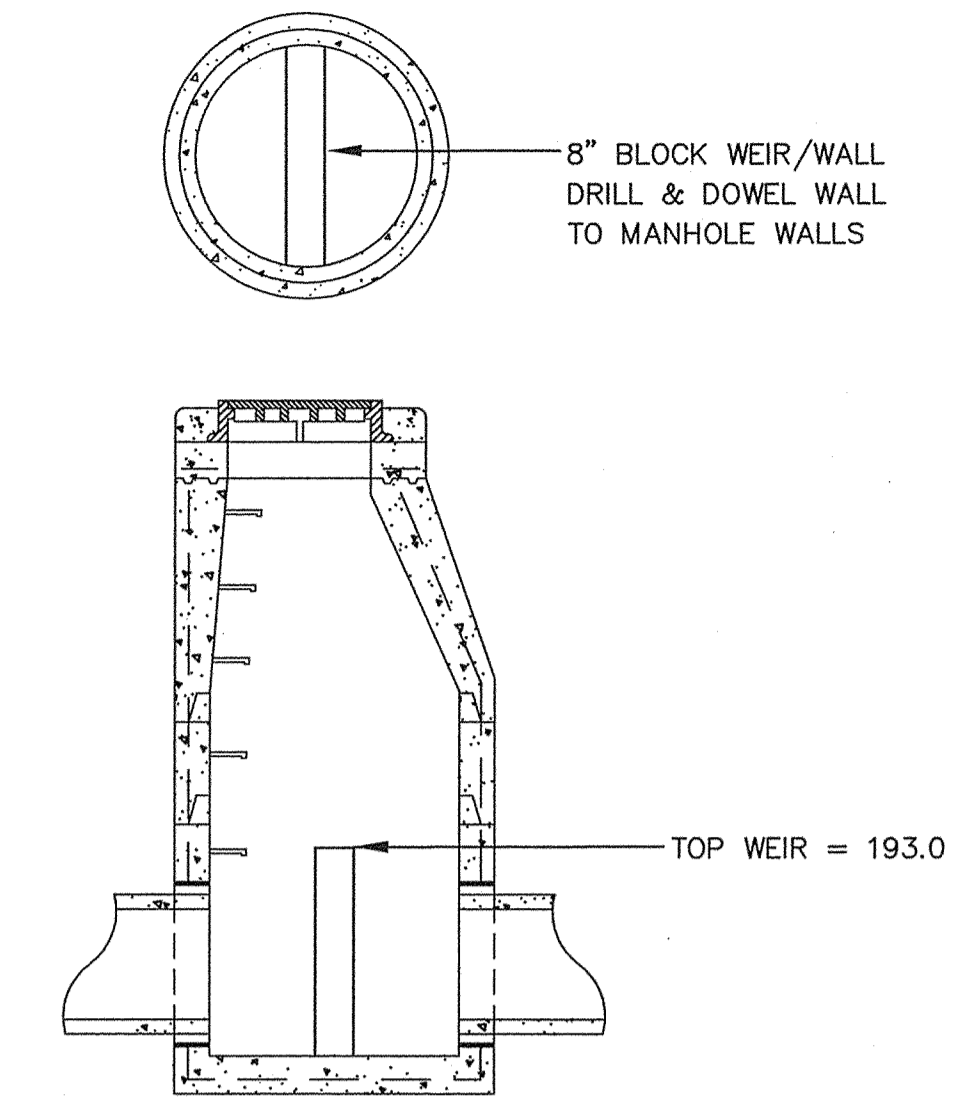


INFILTRATION BED-1
25'(W)x342'(L)x2'(D)
BOTTOM ELEVATION=191.5
12" INVERT IN=192.0

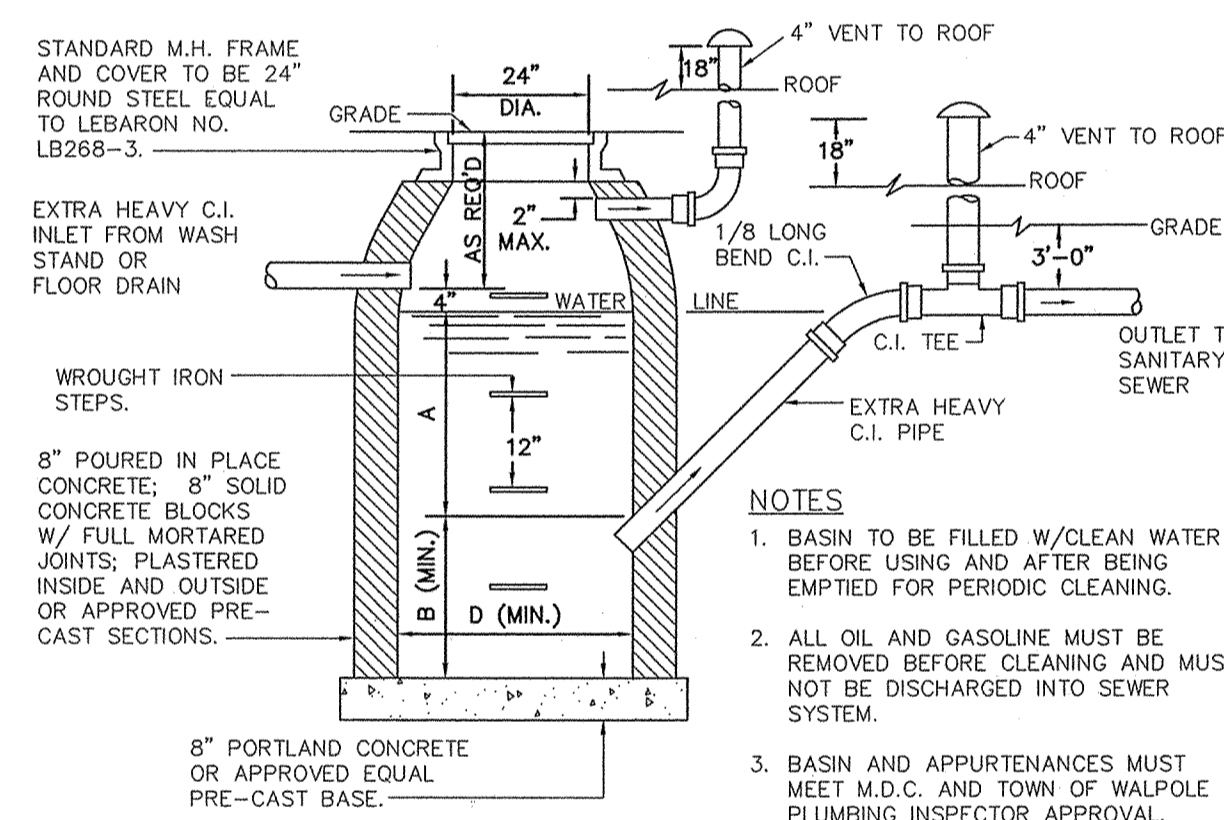
INFILTRATION BED-2
28'(W)x212'(L)x2'(D)
BOTTOM ELEVATION=191.5
12" INVERT IN=192.0

REMOVE UNSUITABLE MATERIALS/FILL/TOPSOIL/SUBSOIL BELOW SYSTEM, AND EXCAVATE AT LEAST 6 INCHES INTO THE 10' LAYER. ANY FILL REQUIRED BELOW THE BOTTOM OF STONE SHALL BE FREE-DRAINING GRANULAR FILL (<5% PASSING #200 SIEVE).

INFILTRATION SYSTEM CROSS SECTION
NOT TO SCALE



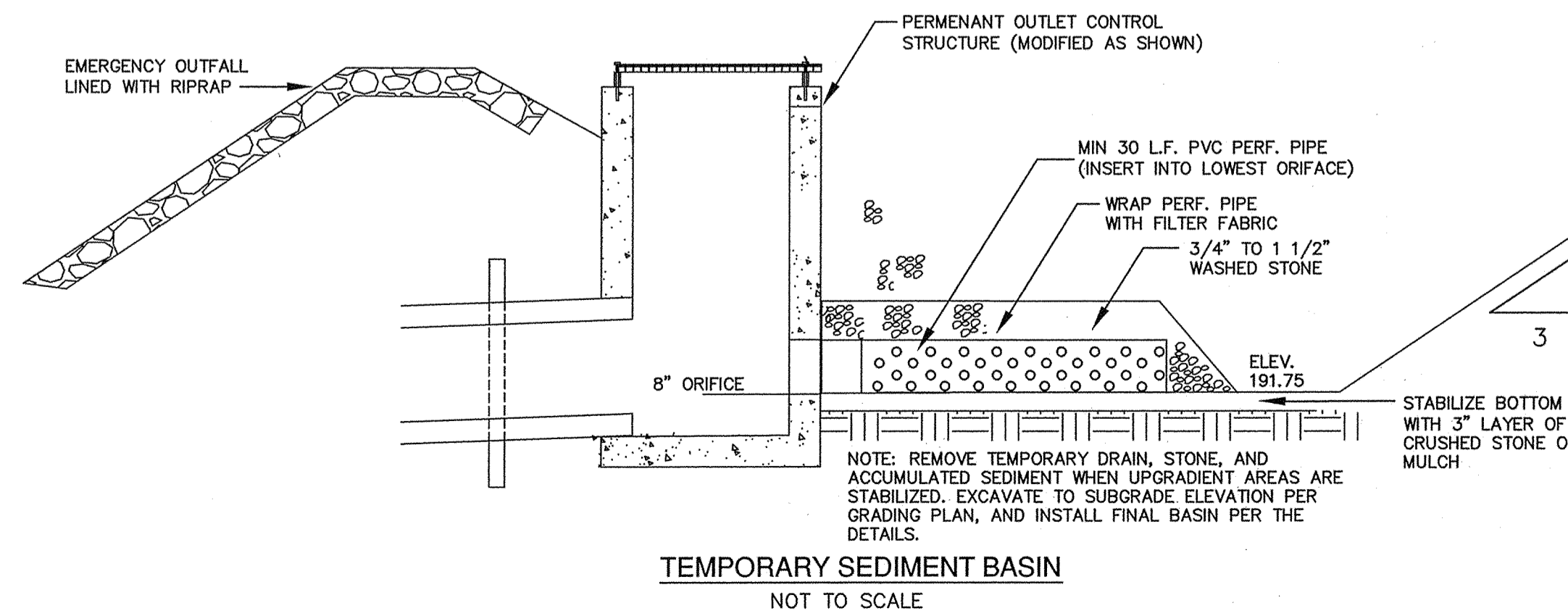
OUTLET CONTROL STRUCTURE WEIR WALL DETAIL
NOT TO SCALE



INLET	D	A	B
4"	4'-0"	2'-3"	1'-11"
	3'-6"	3'-0"	2'-6"
5"	3'-6"	5'-0"	4'-0"
	4'-0"	4'-0"	3'-0"
	4'-0"x4'-0"	3'-0"	2'-6"
	4'-6"	3'-0"	2'-6"
6"	4'-0"	5'-0"	4'-6"
	4'-0"x4'-0"	4'-0"	3'-6"
	4'-6"x4'-6"	3'-6"	3'-0"
	5'-0"	3'-6"	3'-0"
	5'-0"x5'-0"	3'-0"	2'-6"
8"	5'-0"	6'-0"	5'-0"
	5'-6"x5'-6"	4'-6"	4'-0"
	6'-0"	4'-0"	3'-6"
	6'-0"x6'-0"	3'-0"	2'-6"
	6'-6"	3'-6"	3'-0"
	6'-6"x6'-6"	3'-0"	2'-6"

NOTE:
FOR INLETS LARGER THAN 8", THE DESIGN AND DIMENSIONS WILL BE DETERMINED FOR EACH PARTICULAR CASE.
CIRCULAR BASINS ARE RECOMMENDED.

STANDARD M.D.C. CATCH BASIN & GASOLINE TRAP DETAILS
NOT TO SCALE



TEMPORARY SEDIMENT BASIN
NOT TO SCALE

ASHLAND STORMWATER MANAGEMENT REGULATION NOTES

SEC. 7.6.10.8 LOCATIONS OF EXISTING AND PROPOSED AREA ON SITE WITH THE SHORTEST DISTANCE BETWEEN THE SURFACE AND THE MAXIMUM GROUNDWATER ELEVATION. EXISTING/PROPOSED: WITHIN ON-SITE WETLANDS GW AT SURFACE ELEVATION

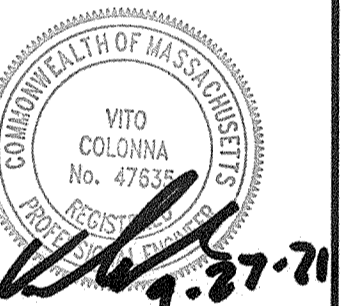
SEC. 7.6.10.9 NEAREST PUBLIC WELLS:
> 2 MILES - PWSID 2139008-02C TOWN OF HOPKINTON
> 2 MILES - PWSID 2139004-01G NON-COMMUNITY WELL
NO KNOWN PRIVATE WELLS ON ABUTTING PARCELS

SEC. 7.6.13 EARTH REMOVAL/FILL CALCULATIONS:

Cut yards	Fill yards	Net yards
480	2835	2355 (Cut)

SEC. 7.6.10.3 LOT AREA TABULATION:

TOTAL LOT AREA = 1.69± ACRES
TOTAL UPLAND AREA = 1.63± ACRES (96%)
TOTAL WETLAND AREA = 0.06± ACRES (4%)
EXISTING IMPERVIOUS ON-SITE = 0.3± ACRES (18%)
PROPOSED IMPERVIOUS ON-SITE = 1.03± ACRES (61%)
EXISTING OPEN SPACE (PERVIOUS) = 1.39± ACRES (82%)
PROPOSED OPEN SPACE (PERVIOUS) = 0.66± ACRES (39%)
EXISTING UNDISTURBED AREA = 1.39± ACRES (82%)
PROPOSED UNDISTURBED AREA = 0.17± ACRES (10%)



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