

PROPOSED SITE DEVELOPMENT PLANS

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APPLICANT

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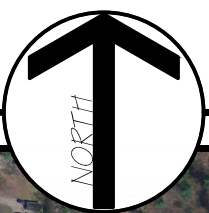
ENGINEER



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LOCUS MAP

SCALE: 1" = 300'



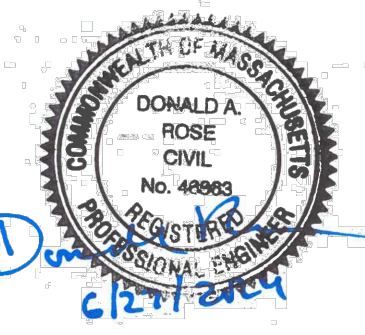
DRAWING INDEX

SHEET NO.	SHEET TITLE
C-001	TITLE SHEET
C-002	NOTES SHEET
- -	EXISTING CONDITIONS PLAN
C-003	DEMOLITION & EROSION CONTROL PLAN
C-101	OVERALL SITE LAYOUT PLAN
C-102	SITE LAYOUT PLAN
C-201	GRADING & DRAINAGE PLAN
C-301	UTILITY PLAN
C-401	LANDSCAPE PLAN
C-501	PHOTOMETRIC PLAN
C-601	SITE DETAILS - 1
C-602	SITE DETAILS - 2
C-603	SITE DETAILS - 3
C-604	SITE DETAILS - 4
C-605	SITE DETAILS - 5
C-606	SITE DETAILS - 6

OWNER/ APPLICANT:

AMESBURY LODGING
VENTURES LLC

11751 EAST CORNING
ROAD
CORNING, NY 14830



IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE
ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SCAPE ARCHITECT TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SCAPE ARCHITECT SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION "ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION."

PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submittal / Revision	App'd.	By	Date

TITLE SHEET

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: AS SHOWN

Drawing No.:

C-001

GENERAL

1. PROTECTIONS

A. PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, TREES, OR VEGETATION.

B. PROTECT IMPROVEMENTS ON ADJOINING PROPERTIES AND ON OWNER'S PROPERTY.

C. RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.

D. CONDUCT OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH OPERATIONS, STREETS, WALKS, AND OTHER ADJACENT FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. STREETS AND ROADWAYS SHALL BE THOROUGHLY CLEANED AND/OR SWEEP ON A DAILY BASIS OR MORE FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY.
2. UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF PUBLIC WORKS (DPW), AND MASSACHUSETTS DOT SPECIFICATIONS FOR HIGHWAYS AND BRIDGES AND/OR THE APPROPRIATE LOCAL AUTHORITIES.

3. ALL SLOPES, UNLESS OTHERWISE SPECIFIED, SHALL BE LOAMED AND SEEDED FOR STABILIZATION AS SOON AS POSSIBLE TO PREVENT EROSION INTO WETLAND RESOURCE AREAS, ABUTTING PROPERTIES, OR PUBLIC WAYS. EROSION CONTROL BLANKETS ARE REQUIRED FOR ALL 2H:1V SLOPES. SLOPES MAY NOT EXCEED 2H:1V.

4. ANY DEVIATIONS, I.E. "FIELD CHANGES" FROM THE DESIGN PLAN(S) MUST BE APPROVED BY THE DESIGN ENGINEER IN WRITING. CONTRACTOR SHOULD BE AWARE THAT LOCAL AND STATE AUTHORITIES HAVE JURISDICTION AND APPROVALS MUST BE OBTAINED FROM THE APPROPRIATE AUTHORITY PRIOR TO THE IMPLEMENTATION OF THE "FIELD CHANGE." CHA, INC. ASSUMES NO LIABILITY OR RESPONSIBILITY FOR WORK ASSOCIATED WITH FIELD CHANGES COMPLETED WITHOUT REGARD TO THE "FIELD CHANGE" PROCEDURE.

5. RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY.

6. *** DIG SAFE NOTICE *** IN ACCORDANCE WITH MGL, CH. 82, SEC. 40 INCLUDING AMENDMENTS, ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES, IN WRITING, OF THE INTENT TO EXCAVATE, BLAST, DEMOLISH, BORE, OR PERFORM OTHER EARTH MOVING OPERATIONS NO LESS THAN 72 HOURS AND NO MORE THAN 30 DAYS PRIOR TO THE COMMENCEMENT OF SUCH WORK (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS) OR CALL "DIG SAFE" AT 1-888-DIG-SAFE.

7. EXISTING UTILITY LOCATIONS AND ELEVATIONS SHOWN SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL INFORM THE DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF ANY CONSTRUCTION.

8. ADDITIONAL BENCHMARKS TO BE SET BY CONTRACTOR PRIOR TO CONSTRUCTION TO ENSURE QUALITY WORKMANSHIP.

9. ANY STILLING AND/OR DETENTION BASINS SHOULD RECEIVE PERIODIC MAINTENANCE DURING CONSTRUCTION TO REMOVE DEPOSITED SILTS AND DEBRIS TO ENSURE PROPERTY DRAINAGE AND SETTLING OF PARTICULATE MATTER.

10. UNLESS OTHERWISE LABELED, ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III; ALL DUCTILE IRON PIPE SHALL BE CEMENT LINED CLASS 52; ALL PVC GRAVITY SEWER SHALL BE SDR 35; ALL PRESSURE SEWER SHALL BE SDR 21. ALL HDPE PIPE TO BE HDPE STORM PIPE (ADS N-12 HDPE, WATERTIGHT JOINTS).

SITE WORK

1. CAUTION - NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON LIMITED INFORMATION. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS) PRIOR TO ANY EXCAVATION, BLASTING, DEMOLITION, BORING, OR OTHER EARTH MOVING OPERATIONS TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS AT NO ADDITIONAL EXPENSE TO OWNER.
2. FILL MATERIAL

A. ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST, FROZEN MATERIAL, TRASH, AND DEBRIS PRIOR TO FILL PLACEMENT.

B. PLACE APPROPRIATE FILL MATERIAL IN HORIZONTAL LAYERS NOT EXCEEDING EIGHT INCHES (8") IN LOOSE DEPTH AND COMPACT EACH LAYER AT OPTIMUM MOISTURE CONTENT TO THE GREATER OF OR DESIGNATED BY A GEOTECHNICAL ENGINEER.

B.1. ADJACENT UNDISTURBED SOIL, OR,

B.2. 95% OF THE MAXIMUM DRY DENSITY OF THE EMBANKMENT MATERIAL AS DETERMINED BY AASHTO STANDARD METHOD T99, METHOD C.
3. FINISH GRADING

A. GRADE ALL AREAS WHERE FINISH GRADE ELEVATIONS ARE INDICATED ON DRAWINGS, OTHER THAN PAVED AREAS AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS. GRADED AREAS SHALL BE UNIFORM AND SMOOTH, FREE FROM DEBRIS, OR IRREGULAR SURFACE CHANGES. FINISHED SUBGRADE SURFACE SHALL NOT BE MORE THAN 0.10 FEET ABOVE OR BELOW ESTABLISHED SUBGRADE ELEVATIONS, AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISH DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL.

B. GRADE SURFACE TO MATCH ADJACENT GRADES AND TO PROVIDE FLOW TO SURFACE DRAINAGE STRUCTURES, OR GRADE AS DESIGNATED ON THE PLANS AFTER FILL PLACEMENT AND COMPACTION.

C. THE CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEANUP OF THE PROJECT ON A DAILY BASIS AND AT THE COMPLETION OF THE PROJECT. OPEN TRENCHES, DITCHES, EXCAVATIONS, ETC. SHALL NOT BE PERMITTED TO BE LEFT OPEN OVERNIGHT. CONTRACTOR WILL BACKFILL OR UTILIZE SUITABLE STEEL PLATES FOR THE SECURING OF THE PROJECT SITE PRIOR TO CEASING WORK EACH DAY.

5. APPROPRIATE TRAFFIC CONTROL, I.E. SIGNAGE, BARRICADES, AND OTHER MEANS, WILL BE SUPPLIED BY THE CONTRACTOR IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL AGENCIES.

6. UNDER NO CIRCUMSTANCES MAY ANY UTILITY, STRUCTURE, AND/OR REPAIR BE BACKFILLED UNLESS INSPECTED AND APPROVED BY THE CITY OFFICIALS AND/OR REPRESENTATIVE. RECEIPT OF APPROVAL TO BACKFILL WILL NOT RELEASE THE CONTRACTOR FROM ANY RESPONSIBILITY OR LIABILITY FOR PERFORMANCE TESTS REQUIRED AS PART OF THIS PROJECT.

7. PROPER SHORING AND TRENCH BOXES SHALL BE UTILIZED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATORY AGENCIES TO PROVIDE A SAFE WORKING ENVIRONMENT. SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MASSACHUSETTS WITH EXPERIENCE IN SHORING DESIGN.

8. ALL UTILITIES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- SEQUENCE OF CONSTRUCTION
1. CONTRACTOR MUST PROCEED WITH CONSTRUCTION ACCORDING TO THE CONDITIONS ESTABLISHED BY THE LOCAL ZONING BOARD, LOCAL CONSERVATION COMMISSION, AND ANY APPLICABLE ENVIRONMENTAL PERMITS INCLUDING BUT NOT LIMITED TO NPDES, AC06-404, 401 WATER QUALITY CERTIFICATE, ORDERS OF CONDITIONS, CONDITIONS OF SPECIAL PERMIT, AND GROUND WATER DISCHARGE PERMIT. COMPLIANCE WITH THESE PERMITS SHALL BE A REQUIREMENT OF THE CONSTRUCTION AND SHALL BE REFERENCED IN ANY AGREEMENTS BETWEEN THE OWNER AND CONTRACTOR. THE CONTRACTOR MUST OBTAIN A COPY OF THE PERMITS PRIOR TO BIDDING.

2. A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR, OWNER'S REPRESENTATIVE, AND THE ENGINEER IS REQUIRED.

3. ALL EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE IN PLACE PRIOR TO CONSTRUCTION. MAINTAIN AND CLEAN TEMPORARY EROSION CONTROL DEVICES DURING CONSTRUCTION AS NECESSARY. INSPECT CHECK DAMS AND SILT FENCING DAILY. DURING CONSTRUCTION, ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. PROVIDE MEASURES AS NECESSARY TO PREVENT SOIL FROM ENTERING OUTSIDE LIMIT OF WORK.

4. REMOVE DEBRIS FROM THE SITE TO PREVENT MATERIAL FROM ENTERING RESOURCE AREAS OR ABUTTING PROPERTIES.

5. CONTRACTOR TO ABANDON EXISTING WELLS AND SEPTICS ON THE SITE IN ACCORDANCE WITH LOCAL BOARD OF HEALTH PROCEDURES.

6. ESTABLISH AREAS DESIGNATED FOR REVEGETATION. AERATE AND DECOMPACT SOIL IN PREPARATION FOR PLANTING. PROTECT PLANTED AREAS DURING CONSTRUCTION.

7. CLEAR, GRUB AND GRADE THE SITE AS SHOWN ON THE PLANS. PROVIDE PERMANENT VEGETATIVE COVER AND STABILIZATION IN AREAS WHERE NO FURTHER CONSTRUCTION IS PROPOSED. PROVIDE TEMPORARY EROSION PROTECTION IN AREAS SCHEDULED FOR FUTURE EXCAVATION. STOCKPILE SOIL AWAY FROM ENVIRONMENTALLY SENSITIVE AREAS AND DRAINAGE WAYS. STABILIZE DORMANT STOCKPILES UNTIL ACTIVE USE IS REQUIRED.

8. BEGIN CONSTRUCTION OF THE PROPOSED UTILITIES AND RELOCATION OF EXISTING UTILITIES. REMOVE CONSTRUCTION MATERIALS UPON COMPLETION OF WORK EACH DAY. DO NOT STORE CHEMICALS OR FUELS IN RESOURCE AREA BUFFERS OR NEAR PRIVATE WELLS. HAZARDOUS MATERIALS MUST BE SECURED ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS. CONTRACTOR ENCOURAGED TO OBTAIN PHASE I ENVIRONMENTAL ASSESSMENT FROM OWNER.

9. STABILIZE ALL SLOPES AND RESTORE VEGETATION DISTURBED DURING CONSTRUCTION. PROTECT GRADED AREAS WITH STRAW MULCH OR EROSION CONTROL BLANKETS AS REQUIRED. REMOVE SEDIMENTATION CONTROL WHEN A GOOD VEGETATIVE COVER IS ESTABLISHED.
- SEWER NOTES
1. THESE NOTES ARE INTENDED TO SUPPLEMENT THE LOCAL REQUIREMENTS FOR MATERIALS AND WORKMANSHIP.

2. WATER AND SEWER MAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST LOCAL AND STATE CODES INCLUDING THE RECOMMENDATIONS OF THE AMERICAN WATER WORKS ASSOCIATION AND THE NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION TECHNICAL REPORT 16. CONSTRUCTION SHALL PROCEED IN A WORKMANLIKE MANNER WITH STATE-OF-THE-ART CONSTRUCTION TECHNIQUES.

3. THE CONTRACTOR SHALL INSULATE WATER AND SEWER MAINS AS INDICATED ON THE PLANS OR WHEN DESIGN OR CONSTRUCTION ENCUMBRANCES DICTATE ALIGNMENT TO OCCUR ABOVE THE FROST LINE. PROCUREMENT AND INSTALLATION OF PIPE INSULATION SHALL CONFORM TO THE REQUIREMENTS LISTED IN THE LATEST MASS. DOT STANDARD SPECIFICATIONS FOR SECTION 301.60P AND MATERIAL SPECIFICATION M9.11.1. THE PIPE INSULATION SHALL BE PRE-MOLDED TYPE CELLULAR GLASS INSULATION WITH ALUMINUM JACKET CONFORMING TO THE LATEST REQUIREMENTS OF ASTM-522 OR APPROVED EQUAL.

4. THE CONTRACTOR SHALL FOLLOW ALTERNATE CONSTRUCTION PROCEDURES WHEN DESIGN OR CONSTRUCTION ENCUMBRANCES PREVENT HORIZONTAL SEPARATION OF 10 FEET OR THE ALTERNATE OF 18 INCHES OF VERTICAL SEPARATION BETWEEN WATER AND SEWER MAINS. IN AREAS WHERE THE ABOVE OFFSETS CANNOT BE MAINTAINED, THE WATER MAIN SHALL BE CONSTRUCTED WITH MEGA-LUG MECHANICAL TYPE FITTINGS OR APPROVED EQUAL FOR A DISTANCE OF 10-FEET ON EITHER SIDE OF THE CROSSING OR LATERAL ENCROACHMENT AND SHALL STRADDLE A FULL LENGTH OF CLASS 52 CEMENTED LINED DUCTILE IRON WATER PIPE.

5. THE DEFLECTION IN ALL GRAVITY SEWER PIPE SHALL BE TESTED USING A GO, NO-GO MANDREL TEST TO ENSURE THAT PROPER INSTALLATION HAS OCCURRED. TEST SHALL CONFORM WITH PIPE MANUFACTURER'S RECOMMENDATIONS AND SHALL NOT INDICATE MORE THAN 7.5% DEFLECTION, U.O.N.

6. ALL TESTING SHALL CONFORM TO REQUIREMENTS OF THE MUNICIPALITY.

7. EACH SEGMENT OF THE SEWER MAIN INCLUDING MANHOLES SHALL BE LEAK TESTED AND OBSERVED BY A REPRESENTATIVE OF THE CITY AND/OR ENGINEER IN ACCORDANCE WITH THE FOLLOWING PROCEDURES:
- EXFILTRATION TEST: (NEW SEWER MANHOLES ONLY. CANNOT BE PERFORMED ON THE DOG-HOUSE MANHOLE.)
1. PREPARATION OF TEST: AFTER THE MANHOLE HAS BEEN ASSEMBLED IN PLACE, ALL LIFTING HOLES AND THOSE EXTERIOR JOINTS WITHIN SIX FEET OF THE GROUND SURFACE SHALL BE FILLED AND POINTED WITH AN APPROVED NON-SHRINKING MORTAR. THE TEST SHALL BE MADE PRIOR TO PLACING THE SHELF AND INVERT AND BEFORE FILLING AND POINTING THE HORIZONTAL JOINTS BELOW THE 6-FOOT DEPTH LINE. IF THE GROUNDWATER TABLE HAS BEEN ALLOWED TO RISE ABOVE THE BOTTOM OF THE MANHOLE, IT SHALL BE LOWERED FOR THE DURATION OF THE TEST. ALL PIPES AND OTHER OPENINGS INTO THE MANHOLE SHALL BE SUITABLE PLUGGED AND PLUGS BRACED TO PREVENT BLOW OUT.

2. TEST PROCEDURE: THE MANHOLE SHALL THEN BE FILLED WITH WATER TO THE TOP OF THE CONE SECTION. IF THE EXCAVATION HAS NOT BEEN BACKFILLED AND OBSERVATION INDICATED NO VISIBLE LEAKAGE, THAT IS, NO WATER VISIBLY MOVING DOWN THE SURFACE OF THE MANHOLE, THE MANHOLE MAY BE CONSIDERED TO BE SATISFACTORILY WATERTIGHT; IF THE TEST AS DESCRIBED ABOVE IS UNSATISFACTORY AS DETERMINED BY THE ENGINEER OR IF THE MANHOLE EXCAVATION HAS BEEN BACKFILLED THE TEST SHALL BE CONTINUED. A PERIOD OF TIME MAY BE PERMITTED, IF THE CONTRACTOR WISHES, TO ALLOW FOR ABSORPTION.

3. AT THE END OF THIS PERIOD, THE MANHOLE SHALL BE REFILLED TO THE TOP OF THE CONE. IF NECESSARY, AND THE MEASURING TIME OF AT LEAST EIGHT HOURS BEGUN. AT THE END OF THE TEST PERIOD, THE MANHOLE SHALL BE REFILLED TO THE TOP OF THE CONE, MEASURING THE VOLUME OF WATER ADDED. THIS AMOUNT SHALL BE EXTRAPOLATED TO A 24-HOUR RATE AND THE LEAKAGE DETERMINED ON THE BASIS OF DEPTH. THE LEAKAGE FOR EACH MANHOLE SHALL NOT EXCEED ONE GALLON PER VERTICAL FOOT FOR A 24-HOUR PERIOD. IF THE TEST FAILS THIS REQUIREMENTS, BY THE LEAKAGE DOES NOT EXCEED THREE GALLONS PER VERTICAL FOOT PER DAY, REPAIRS BY APPROVED METHODS MAY BE MADE AS DIRECTED BY THE ENGINEER TO BRING THE LEAKAGE WITHIN THE ALLOWABLE RATE ON ONE GALLON PER VERTICAL FOOT PER DAY. LEAKAGE DUE TO A DEFECTIVE SECTION OR JOINT OF EXCEEDING THE THREE-GALLON PER VERTICAL FOOT PER DAY RATE, SHALL BE CAUSE FOR THE REJECTION OF THE MANHOLE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UNCOVER, DISASSEMBLE, RECONSTRUCT OR REPLACE THE MANHOLE AS DIRECTED BY THE ENGINEER. THE MANHOLE SHALL THEN BE RE-TESTED AND, IF SATISFACTORY, INTERIOR JOINTS SHALL BE FILLED AND POINTED.

4. BACKFILLING: THE TEST MAY BE CONDUCTED EITHER BEFORE OR AFTER BACKFILLING AROUND THE MANHOLE. HOWEVER, IF THE CONTRACTOR ELECTS TO BACKFILL PRIOR TO TESTING, IT SHALL BE AT HIS OWN RISK AND IT SHALL BE INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE REASON FOR ANY FAILURE OF THE TEST, NO ADJUSTMENT IN THE LEAKAGE ALLOWANCE WILL BE MADE FOR UNKNOWN CAUSES SUCH AS LEAKING PLUGS, ABSORPTION, ETC., I.E., IT WILL BE ASSUMED THAT ALL LOSS OF WATER DURING THE TEST IS A RESULT OF THE CONCRETE. FURTHERMORE, THE CONTRACTOR SHALL TAKE ANY STEPS NECESSARY TO ASSURE THE ENGINEER THAT THE WATER TABLE IS BELOW THE BOTTOM OF THE MANHOLE THROUGHOUT THE TEST.
- VACUUM TEST: (GRAVITY MANHOLES ONLY. CANNOT BE PERFORMED ON THE DOG-HOUSE MANHOLE.)
1. THE VACUUM TESTING SYSTEM SHALL BE SUPPLIED BY NPC SYSTEMS, INC. OR EQUIVALENT AS APPROVED BY THE ENGINEER. THE TESTING SHALL BE DONE IMMEDIATELY AFTER ASSEMBLY OF THE MANHOLE AND BEFORE BACKFILLING. A 60 LB-FT. TORQUE WRENCH SHALL BE USED TO TIGHTEN EXTERNAL CLAMPS THAT SECURE THE TEST COVER TO THE TOP OF THE MANHOLE. ALL LIFT HOLES SHALL BE PLUGGED WITH A NON-SHRINKING MORTAR. THE CONTRACTOR SHALL PLUG THE PIPE OPENINGS, TAKING CARE TO SECURELY BRACE THE PLUGS AND THE PIPE TO PREVENT THE PLUGS FROM BEING DRAWN INTO THE MANHOLE.

2. A VACUUM OF 10 INCHES OF MERCURY, HG (4.9 PSI), SHALL BE DRAWN AND THE VACUUM PUMP SHUT OFF. THE MANHOLE PASSES THE TEST IF THE VACUUM REMAINS GREATER THAN OR EQUAL TO 9 INCHES HG (4.4 PSI) FOR A PERIOD GREATER THAN ONE MINUTE FOR MANHOLES UP TO 10 FEET DEEP, ONE MINUTE FIFTEEN SECONDS FOR MANHOLES 10-15 FEET DEEP; AND ONE MINUTE THIRTY SECONDS FOR MANHOLES 15-25 FEET DEEP.
- IF THE MANHOLE FAILS THE INITIAL TEST, THE CONTRACTOR SHALL LOCATE THE LEAKS AND MAKE PROPER REPAIRS. LEAKS MAY BE FILLED WITH A WET SLURRY OF ACCEPTED QUICK SETTING MATERIAL. IF THE MANHOLE FAILS THE VACUUM TEST AGAIN, ADDITIONAL REPAIRS MUST BE MADE, AND THE MANHOLE MUST BE TESTED BY EXFILTRATION AS OUTLINED ABOVE.
- LEAKAGE TEST:
1. THE PIPELINES SHALL BE MADE AS NEARLY WATERTIGHT AS PRACTICABLE, AND LEAKAGE TESTS AND MEASUREMENTS SHALL BE MADE AFTER THE PIPELINE HAS BEEN BACKFILLED

2. WHERE THE GROUNDWATER LEVEL IS MORE THAN 1 FT ABOVE THE TOP OF THE PIPE AT ITS UPPER END, THE CONTRACTOR SHALL CONDUCT EITHER INFILTRATION TESTS OR LOW PRESSURE AIR TESTS.

3. WHERE THE GROUNDWATER LEVEL IS LESS THAN 1 FT. ABOVE THE TOP OF THE PIPE AT ITS UPPER END, THE CONTRACTOR SHALL CONDUCT EITHER EXFILTRATION TESTS OR LOW PRESSURE AIR TESTS.

4. AT THE TIME OF THE TEST, THE CONTRACTOR SHALL DETERMINE THE GROUNDWATER ELEVATION FROM OBSERVATION WELLS, EXCAVATIONS OR OTHER MEANS, ALL SUBJECT TO REVIEW BY THE ENGINEER.

5. FOR MAKING THE LOW PRESSURE AIR TESTS, THE CONTRACTOR SHALL USE EQUIPMENT SPECIFICALLY DESIGNED AND MANUFACTURED FOR THE PURPOSE OF TESTING SEWER PIPELINES USING LOW PRESSURE AIR. THE EQUIPMENT SHALL BE PROVIDED WITH AN AIR REGULATORY VALVE OR AIR SAFETY SO SET THAT THE INTERNAL AIR PRESSURE IN THE PIPELINE CANNOT EXCEED 8 PSIG.

6. THE LEAKAGE TEST USING LOW PRESSURE AIR SHALL BE MADE ON EACH MANHOLE-TO-MANHOLE SECTION OF PIPELINE AFTER PLACEMENT OF THE BACKFILL.

7. PNEUMATIC PLUGS SHALL HAVE A SEALING LENGTH EQUAL TO OR GREATER THAN THE DIAMETER OF THE PIPE TO BE TESTED. PNEUMATIC PLUGS SHALL RESIST INTERNAL TEST PRESSURES WITHOUT REQUIRING EXTERNAL BRACING OR BLOCKING.

8. ALL AIR USED SHALL PASS THROUGH A SINGLE CONTROL PANEL.

9. LOW PRESSURE AIR SHALL BE INTRODUCED INTO THE SEALED LINE UNTIL THE INTERNAL AIR PRESSURE REACHES 4 PSIG. GREATER THAN THE MAXIMUM PRESSURE EXERTED BY THE GROUNDWATER THAT MAY BE ABOVE THE INVERT OF THE PIPE AT THE TIME OF THE TEST. HOWEVER, THE INTERNAL AIR PRESSURE IN THE SEALED LINE SHALL NOT BE ALLOWED TO EXCEED 8 PSIG. WHEN THE MAXIMUM PRESSURE EXERTED BY THE GROUNDWATER IS GREATER THAN 4 PSIG., THE CONTRACTOR SHALL CONDUCT ONLY AN INFILTRATION TEST.

10. AT LEAST TWO MINUTES SHALL BE ALLOWED FOR THE AIR PRESSURE TO STABILIZE IN THE SECTION UNDER TEST. AFTER THE STABILIZATION PERIOD, THE LOW PRESSURE AIR SUPPLY HOSE SHALL BE QUICKLY DISCONNECTED FROM THE CONTROL PANEL. THE TIME REQUIRED IN MINUTES FOR THE PRESSURE IN THE SECTION UNDER TEST TO DECREASE FROM 3.5 TO 2.5 PSIG (GREATER THAN THE MAXIMUM PRESSURE EXERTED BY GROUNDWATER THAT MAY BE ABOVE THE INVERT OF THE PIPE) SHALL NOT BE LESS THAN THAT SHOWN IN THE FOLLOWING TABLE.

PIPE DIAMETER IN INCHES VS. MINUTES	
6"	5.0 MIN. 40 SEC.
8"	7.0 MIN. 34 SEC.
10"	9.0 MIN. 28 SEC.
12"	11.0 MIN. 20 SEC.
15"	14.0 MIN. 10 SEC.
18"	17.0 MIN. 0 SEC.
21"	19.0 MIN. 50 SEC.
24"	22.0 MIN. 40 SEC.
27"	25.0 MIN. 30 SEC.

11. FOR MAKING THE INFILTRATION AND EXFILTRATION TESTS, THE CONTRACTOR SHALL FURNISH SUITABLE TEST PLUGS, WATER PUMPS, AND APPURTENANCES, AND ALL LABOR REQUIRED TO PROPERLY CONDUCT THE TESTS ON SECTIONS OF ACCEPTABLE LENGTH.

12. FOR MAKING THE INFILTRATION TESTS, UNDERDRAINS, IF USED, SHALL BE PLUGGED AND OTHER GROUNDWATER DRAINAGE SHALL BE STOPPED TO PERMIT THE GROUNDWATER TO RETURN TO ITS NORMAL LEVEL INSOFAR AS PRACTICABLE.

13. UPON COMPLETION OF A SECTION OF THE SEWER, THE CONTRACTOR SHALL DEWATER IT AND CONDUCT AN EXFILTRATION TEST TO MEASURE THE INFILTRATION FOR AT LEAST 24 HOURS. THE AMOUNT OF INFILTRATION, INCLUDING MANHOLES, TEES, AND CONNECTIONS, SHALL NOT EXCEED 200 GAL. PER INCH DIAMETER PER MILE OF SEWER PER 24 HOURS.

14. FOR MAKING THE EXFILTRATION TESTS, THE SEWERS SHALL BE SUBJECTED TO AN INTERNAL PRESSURE BY PLUGGING THE PIPE AT THE LOWER END AND THEN FILLING THE PIPELINES AND MANHOLES WITH CLEAN WATER TO A HEIGHT OF 2 FT. ABOVE THE TOP OF THE SEWER AT ITS UPPER END, WHERE CONDITIONS BETWEEN MANHOLES, MAY RESULT IN TEST PRESSURES WHICH WOULD CAUSE LEAKAGE AT THE STOPPERS IN BRANCHES, PROVISIONS SHALL BE MADE BY SUITABLE TIES, BRACES, AND WEDGES TO SECURE THE STOPPERS AGAINST LEAKAGE RESULTING FROM THE TEST PRESSURE.

15. THE RATE OF LEAKAGE FROM THE SEWERS SHALL BE DETERMINED BY MEASURING THE AMOUNT OF WATER REQUIRED TO MAINTAIN THE LEVEL 2 FT. ABOVE THE TOP OF THE PIPE.

16. LEAKAGE FROM THE SEWERS UNDER TEST SHALL NOT EXCEED THE REQUIREMENTS FOR LEAKAGE INTO SEWERS AS HEREIN BEFORE SPECIFIED.

17. THE SEWERS SHALL BE TESTED BEFORE ANY CONNECTIONS ARE MADE TO BUILDINGS.

18. THE CONTRACTOR SHALL CONSTRUCT WEIRS OR OTHER MEANS OF MEASUREMENTS AS MAY BE REQUIRED.

19. SUITABLE BULKHEADS SHALL BE INSTALLED, AS REQUIRED, TO PERMIT THE TEST OF THE SEWER.

20. SHOULD THE SECTIONS UNDER TEST FAIL TO MEET THE REQUIREMENTS, THE CONTRACTOR SHALL DO ALL WORK OF LOCATING AND REPAIRING LEAKS AND RETESTING AS THE ENGINEER MAY REQUIRE WITHOUT ADDITIONAL COMPENSATION.

21. IF, IN THE JUDGMENT OF THE ENGINEER, IT IS IMPRACTICABLE TO FOLLOW THE FOREGOING PROCEDURES FOR ANY REASON, ACCEPTABLE MODIFICATIONS IN THE PROCEDURES SHALL BE MADE AS REQUIRED, BUT IN ANY EVENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ULTIMATE TIGHTNESS OF THE LINE WITHIN THE ABOVE TEST REQUIREMENTS.
- CONCRETE AND REINFORCING STEEL NOTES:
1. GENERAL

- ALL STRUCTURAL DRAWINGS ARE TO BE USED WITH THE ENTIRE SET OF DRAWINGS.

- ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIALS IS THE CONTRACTOR'S RESPONSIBILITY.

- THE CONTRACTOR IS RESPONSIBLE FOR DISSEMINATION OF ALL REVISIONS AND REQUIREMENTS TO THE SUBCONTRACTORS.

- REASONABLE CARE HAS BEEN TAKEN IN THE PREPARATION OF ALL DRAWINGS AND SPECIFICATIONS. HOWEVER THE ENGINEER DOES NOT GUARANTEE AGAINST HUMAN ERROR AND FOR THAT REASON IT IS IMPERATIVE THAT THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND DETAILS AND MUST VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING.

- PRESUMED ALLOWABLE SOIL BEARING CAPACITY IS 4000 PSF. VERIFY IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.

2. CODE CONFORMANCE

- TO COMPLY WITH THE LATEST RECOMMENDATIONS OF THESE STANDARDS.

- ACI 301- "STRUCTURAL CONCRETE FOR BUILDINGS"

- ACI 315- "DETAILING CONCRETE WORK"

- ACI 318- "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"

- ACI 322- "BUILDING CODE REQUIREMENTS FOR STRUCTURAL PLAIN CONCRETE"

- ACI 347- "FORM WORK"

3. MATERIALS

CONCRETE:

- APPROVED, READY MIXED CONCRETE HAVING AN MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3,500 PSI AT 28 DAYS WITH 3/4"AGGREGATE MAX., SLUMP 3-5 INCHES UNLESS OTHERWISE NOTED

- PROVIDE AIR-ENTRAINMENT ADMIXTURE TO AID THE FREEZE/THAW RESISTANCE OF ALL EXPOSED CONCRETE

REINFORCING STEEL:

- ASTM A615 GRADE 60 DEFORMED BARS. ASTM A185 WELDED WIRE FABRIC

FORM WORK:

- SMOOTH PLYWOOD FORMS FOR EXPOSED SLABS OR VERTICAL SURFACES. BOARD FORMS FOR FOOTINGS OR UNEXPOSED CONCRETE SURFACES. NO EARTH FORMS PERMITTED.

GROUT:

- NONMETALLIC, NON-SHRINK GROUT UNDER BASE PLATES OR BEARING PLATES

4. EXECUTION

CONCRETE:

- PLACE CONCRETE ACCORDING TO THE APPROVED METHODS OF ACI 301.89. STRENGTH (f'c) OF 3500 PSI AT 28 DAYS, SLUMP 3-5 INCHES UNLESS OTHERWISE NOTED WITH MAXIMUM 3/4 INCH AGGREGATE AND MAXIMUM 6% AIR ENTERTAINMENT FOR EXTERIOR CONCRETE EXPOSED TO MOISTURE.

REINFORCING STEEL:

- PLACE REINFORCING USING STANDARD BAR SUPPORTS TO PROVIDE PROPER CLEARANCE AND PREVENT DISPLACEMENT DURING CONCRETE OPERATIONS. LAP CONTINUOUS BARS 40 DIAMETERS. PROVIDE THE FOLLOWING MINIMUM CONCRETE COVERAGE:

- 3" CONCRETE PLACED AGAINST EARTH

- 2" FORMED CONCRETE EXPOSED TO EARTH, WEATHER, OR WATER

- 2" SLABS ON GRADE (MINIMUM FROM TOP)

- 2" FRAMED SLABS (NOT EXPOSED TO WEATHER)

- 2" FRAMED SLABS (EXPOSED TO WEATHER)

- PLACE DEFORMED BARS IN ACCORDANCE WITH THE LATEST EDITION OF CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS." ALL WELDED WIRE MESH SHALL CONFORM TO ASTM A185. LAP TWO SQUARES AT ALL JOINTS AND TIE AT 3'-0" ON CENTER. PROVIDE (2) #5 BARS EACH SIDE OF ALL OPENINGS IN WALLS AND SLABS. BARS TO EXTEND 24" BEYOND EDGE OF OPENINGS. (FOR SIZE AND LOCATION OF OPENINGS REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS)

- NO HORIZONTAL CONSTRUCTION JOINTS ARE ALLOWED UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS OR ALLOWED IN WRITING BY THE ENGINEER.

- ALL GROUT FOR BASE PLATES SHALL BE NON-SHRINK AND NON-METALLIC WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI.

- REINFORCING BAR EMBEDMENT LENGTH STANDARD HOOK

#4	12"	12"
#5	12"	12"
#6	12"	12"
#7	16"	16"
#8	20"	20"

FORM WORK:

- PROPERLY BRACE AND SHORE FORM WORK TO MAINTAIN ALIGNMENT AND TOLERANCES IN ACCORDANCE TO ACI 347.

- DETAILS NOT SHOWN IN DRAWINGS SHALL BE IN ACCORDANCE WITH ACI DETAILING MANUAL (ACI 315).

5. QUALITY CONTROL

- CONTRACTOR SHALL MAKE PROVISIONS TO HAVE FOUR CYLINDERS CAST FOR EACH (50) CUBIC FEET OF CONCRETE POURED OR FOR ANY ONE DAY OPERATION.

- TESTING LABORATORY SHALL BE RESPONSIBLE FOR MAKING AND CURING SPECIMENS IN CONFORMANCE TO ASTM C31 AND TESTING SPECIMENS IN ACCORDANCE TO ASTM C39.

6. EXCAVATION & COMPACTED FILL

- COMPACTED FILL SHALL BE PLACED IN LEVEL, UNIFORM LIFTS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS AND BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.

- FILL TO CONFORM TO THE PROJECT SPECIFICATIONS FOR STRUCTURAL FILL OR AS DIRECTED BY THE ENGINEER. BACKFILL AND EXCAVATION TO BE COMPLETED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER AND STRUCTURAL ENGINEER.

7. EXPANSION, CONTRACTION, AND CONSTRUCTION JOINTS

- CONTRACTOR SHALL PROVIDE CONTRACTION JOINTS IN WALLS AND SLABS NOT TO EXCEED 20' (OR EQUALLY SPACED) AND EXPANSION JOINTS NOT TO EXCEED 80' (IF APPLICABLE).

- ALL CONSTRUCTION JOINTS SHALL HAVE ROUGHENED, KEYS, AND/OR BONDING AGENT APPLIED TO THE CONCRETE LAYING SURFACES AS DIRECTED BY THE ENGINEER OR TO THE MOST STRINGENT ACI 318 STANDARDS

8. CONCRETE FINISHING

- ALL EXPOSED CONCRETE SHALL BE FINISHED TO PROJECT ARCHITECTURAL STANDARDS OR AS DIRECTED BY THE ENGINEER. ALL EXPOSED CORNERS SHALL BE CHAMFERED.

- ALL VOIDS, POCKETS, AND DEFORMATIONS IN THE EXPOSED FACE OF WALL SHALL BE CORRECTED TO A SMOOTH, UNIFORM FINISH OR AS DIRECTED BY THE ENGINEER.

RETAINING WALL NOTES:

1. THE RETAINING WALLS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. IT DOES NOT REPRESENT OR INTEND TO DETAIL THE REQUIREMENTS FOR DESIGN AND/OR CONSTRUCTION OF THE WALL. OTHER FACTORS WHICH CANNOT BE REASONABLY FORESEEN AT THIS TIME MAY REQUIRE ALTERATION TO THE WALL CONCEPT INCLUDING BUT NOT LIMITED TO GEOGRID REINFORCEMENT, ALTERNATE CROSS SECTIONS, MEANS & METHODS OF CONSTRUCTION, AND TEMPORARY SHORING AND STABILIZATION OF SOILS.

2. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN DETAILED DESIGN AND CONSTRUCTION DRAWINGS FROM THE MANUFACTURER, INCLUDING APPLICABLE CALCULATIONS, PRIOR TO THE START OF WALL CONSTRUCTION. ALL CALCULATIONS AND DRAWINGS SHALL BE PREPARED BY A QUALIFIED ENGINEER EXPERIENCED IN SEGMENTAL RETAINING WALL DESIGN. DESIGN TO INCLUDE INTERFACE AND FOUNDATION REQUIREMENTS FOR WALL.

3. THE DESIGN SHALL BE BASED UPON THE GEOTECHNICAL INVESTIGATION REPORT TO ENSURE PROPER DATA IS AVAILABLE TO DESIGN THE WALL.

4. THE CONTRACTOR SHALL SUBMIT CERTIFICATIONS AND WARRANTY INFORMATION TO THE OWNER TO SUBSTANTIATE THAT THE PROPOSED WALL CONSTRUCTION MATERIALS MEET THE DESIGN STANDARD SPECIFICATIONS OF THE SPECIFIED WALL SYSTEM.

5. THE SITE DESIGN ENGINEER ASSUMES NO LIABILITY FOR INTERPRETATION OF SUBSURFACE CONDITIONS, SUITABILITY OF SOIL DESIGN PARAMETERS AND INTERPRETATIONS OF SUBSURFACE GROUNDWATER CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE WALL DESIGN ENGINEER IS CONTACTED IF CONDITIONS VARY.

6. RETAINING WALL SHALL BE DESIGNED FOR SATURATED BACKFILL CONDITIONS.

7. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.

OWNER/ APPLICANT:

AMESBURY LODGING
VENTURES LLC

11751 EAST CORNING
ROAD
CORNING, NY 14830

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PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submitted / Revision	App'd. By	Date
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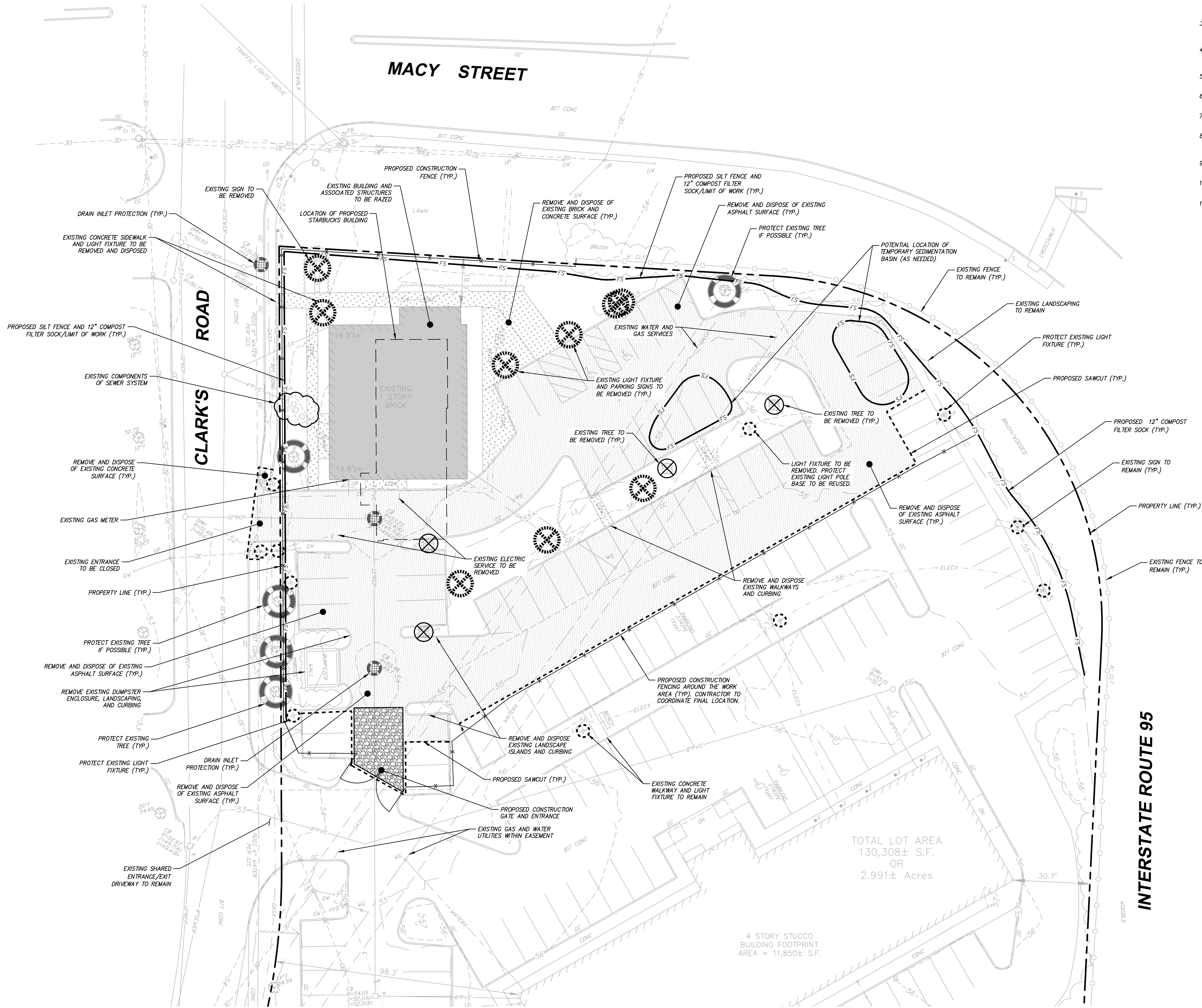
NOTES SHEET

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: NONE

Drawing No.:

C-002

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DEMOLITION AND EROSION CONTROL NOTES

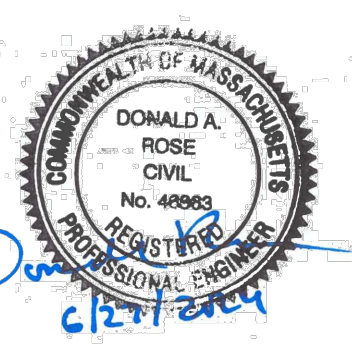
- SEE NOTES SHEET FOR ADDITIONAL NOTES.
- THIS DEMOLITION PLAN IS FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR TO REMOVE, RELOCATE, PROTECT, MAINTAIN AND/OR REPLACE ALL CONFLICTING UTILITIES, STRUCTURES AND VEGETATION WITHIN THE LIMIT OF WORK TO BUILD THE IMPROVEMENTS AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL SUBMIT SITE RELATED WORK PHASING/STAGING PLAN TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.
- CONTRACTOR TO KEEP HOTEL OPERATIONAL DURING DEMOLITION AND CONSTRUCTION OF PROPOSED STARBUCKS DRIVE THRU OPERATION. CONTRACTOR TO COORDINATE WITH OWNER AND ENGINEER.
- THE CONTRACTOR SHALL VERIFY INVERTS AND LOCATIONS OF EXISTING UTILITY TIE-INS AND REPORT BACK TO ENGINEER.
- ALL MATERIALS REMOVED FROM SITE SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL STANDARDS.
- THE CONTRACTOR SHALL CONFIRM THE STATUS OF ALL UTILITY DISCONNECTIONS PRIOR TO COMMENCEMENT OF WORK.
- DISPOSAL OF ALL EXCESS MATERIALS, SUITABLE AND UNSUITABLE, AND DEBRIS FROM SITE WORK OPERATIONS IS THE CONTRACTOR'S RESPONSIBILITY AT NO ADDITIONAL COST TO THE OWNER.
- STOCKPILES ARE TO BE AT LEAST 100 FEET FROM WETLAND AREAS. STOCKPILES NOT TO BE REUSED WITHIN 30 DAYS ARE TO BE STABILIZED WITH SEED OR MULCH.
- CONTRACTOR SHALL PROVIDE TEMPORARY PLANTINGS OR OTHER COVERINGS SUCH AS WOOD CHIPS TO MINIMIZE THE AMOUNT OF DUST LEAVING THE PREMISES.
- FOR DISPLAY PURPOSES, THE FILTER SOCK/SILT FENCE IS OFFSET APPROX. 1-FOOT FROM THE PROPERTY BOUNDARY, CURBING, AND FENCING.



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PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

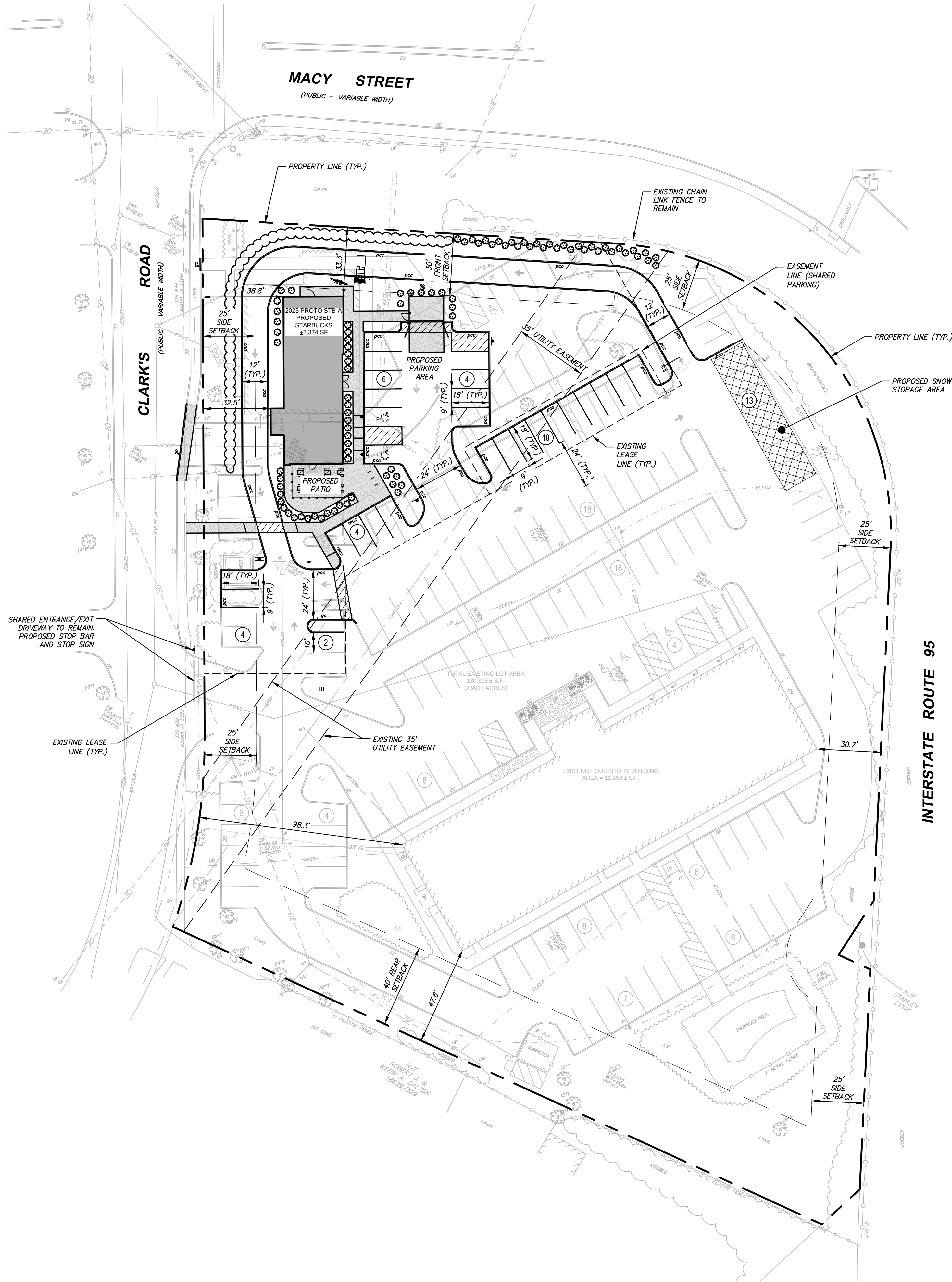
No.	Submittal / Revision	App'd. By	Date

DEMOLITION &
EROSION
CONTROL PLAN

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: 1" = 20'

Drawing No.:

C-003



ZONING TABLE				
ZONING DISTRICT: OFFICE PARK (OP) & EAST END SMART GROWTH OVERLAY DISTRICT (EESGOD-SDA)				
REQUIREMENTS	EXISTING	REQUIRED (OP)	REQUIRED (EESGOD-SDA)	PROVIDED
MINIMUM LOT AREA	2.991 ACRES (130,308± S.F.)	2 ACRES	40,000 S.F.	2.991 ACRES (130,308± S.F.)
MINIMUM FRONTAGE	200.1 FEET (MACY ST)	150 FEET	125	200.1 FEET (MACY ST)
MAXIMUM BUILDING HEIGHT	38 FEET, 4 STORIES	52 FEET OR 4 STORIES	3 STORIES	38 FEET, 4 STORIES (EXISTING)
MINIMUM FRONT YARD	19.9± FEET	30 FEET	20 FEET	33.3± FEET
MINIMUM SIDE YARD	19.8± FEET	25 FEET	10 FEET	32.5± FEET (DRIVE-THRU CANOPY)
MINIMUM REAR YARD	47.6± FEET (EXISTING)	40 FEET	50 FEET	47.6± FEET (EXISTING)
MAXIMUM BUILDING AREA	11.9±% (15,481± S.F.)	40%	70%	10.9±% (14,224± S.F.)
MINIMUM OPEN SPACE ¹	31.7±%	30%	20%	34.7±% (45,221± S.F.)
OFF-STREET PARKING	142 SPACES ²	108 SPACES ²		128 SPACES ²

1. OPEN SPACE IS SPACE UNOBSERVED TO THE SKY AND NOT DEVOTED TO STREETS, ON A LOT UNOCCUPIED BY BUILDINGS OR STRUCTURES, DRIVEWAYS, WALKWAYS, OFF-STREET PARKING OR LOADING SPACES EXPRESSED AS A PERCENTAGE OF TOTAL LOT AREA. A STRUCTURE IS DEFINED AS A COMBINATION OF MATERIALS ASSEMBLED AT A FIXED LOCATION TO GIVE SUPPORT OR SHELTER, SUCH AS A BUILDING, BRIDGE, TRESTLE, TOWER, FRAMEWORK, RETAINING WALL, TANK, TUNNEL, TENT, STADIUM, REVIEW STAND, PLATFORM, BIN, FENCE, SIGN, FLAGPOLE, SWIMMING POOL, OR THE LIKE, (SECTION 2)
2. PARKING CALCULATIONS
- 2.1. 144 EXISTING PARKING SPACES PROVIDED ON THE LOT.
- 2.2. FOR A HOTEL, THE REQUIRED NUMBER OF PARKING SPACES IS 1 FOR EACH SLEEPING ROOM PLUS 1 FOR EACH 200 SQUARE FEET OF PUBLIC MEETING ROOM AND RESTAURANT SPACES.
- 2.2.1. THE HOTEL INCLUDES 99 ROOMS.
- 2.2.2. PER ARCHITECTURE PLAN, THERE IS NO PUBLIC MEETING ROOM OR RESTAURANT SPACE.
- 2.2.3. 99 SPACES REQUIRED.
- 2.3. FOR A RESTAURANT, THE REQUIRED NUMBER OF PARKING SPACES IS 1 FOR EACH FOUR (4) SEATS OF TOTAL SEATING CAPACITY. THE TOTAL PROPOSED SEATING CAPACITY FOR THE DRIVE-THRU RESTAURANT IS 34 SEATS.
- 2.3.1. 9 SPACES REQUIRED.
3. DRIVE-THRU CONFIGURATION PRESENTED PROVIDES FOR A QUEUE OF 15 CARS FROM DRIVE-THRU WINDOW.

LAYOUT NOTES:

1. SEE OTHER SHEETS FOR APPLICABLE NOTES.
2. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL BUILDING INFORMATION.
3. DESIGN OF RAMPS AT HANDICAP PARKING AND WALKWAYS ALONG ACCESSIBLE ROUTE TO CONFORM TO ADA REQUIREMENTS. CONTRACTOR IS RESPONSIBLE TO ENSURE COMPLIANCE WITH ALL ADA REQUIREMENTS, AS SET FORTH BY THE ADA AND THE MASS ARCHITECTURAL ACCESS BOARD. CONTRACTOR IS REQUIRED TO KEEP A COPY OF BOTH THE ADA AND THE MASS ARCHITECTURAL ACCESS BOARD REGULATIONS ON SITE AT ALL TIMES, FOR REFERENCE.
4. ALL LINES OR POINTS ARE PERPENDICULAR OR PARALLEL TO LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED; WRITTEN DIMENSIONS SHALL PREVAIL.
5. THE CONTRACTOR SHALL VERIFY ALL LAYOUT, DIMENSIONS, GRADES, AND INVERTS PRIOR TO CONSTRUCTION; REPORT ANY AND ALL DISCREPANCIES TO THE ENGINEER. ALL DISCREPANCIES SHALL BE RESOLVED IN WRITING PRIOR TO BEGINNING WORK.
6. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY NOT DESIGNATED TO RECEIVE OTHER TREATMENT, SHALL BE RAKED, SMOOTHED, FERTILIZED AND SEED IN ACCORDANCE WITH PROJECT SPECIFICATIONS, UNLESS OTHERWISE NOTED.
7. ALL NEW WALKS AND SURFACES TO MEET EXISTING WALKS AND SURFACES WITH SMOOTH, CONTINUOUS LINE AND GRADE.
8. THE CONTRACTOR SHALL NOT INSTALL CONCRETE DURING ADVERSE WEATHER CONDITIONS (RAIN, SLEET, ETC.) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
9. ALL MATERIALS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL STANDARDS.
10. CONTRACTOR IS RESPONSIBLE FOR CONTRACTING WITH A LICENSED LAND SURVEYOR TO OBTAIN AS-BUILT INFORMATION DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO SUBSURFACE UTILITIES, DETENTION STONE BASE, TOP OF DETENTION STONE, TOP OF CHAMBER, TOP OF SYSTEM, OTHER SUBSURFACE AND SURFACE IMPROVEMENTS NECESSARY TO FURNISH OWNER'S ENGINEER WITH A COMPLETE AS-BUILT UPON COMPLETION OF CONSTRUCTION.
11. CONTRACTOR SHALL NOTIFY ENGINEER 72 HOURS PRIOR TO INSPECTIONS OF SUB BASE, PAVEMENT, UNDERGROUND SYSTEM BASE STONE INSTALLATION AND OTHER ITEMS WHICH MAY BE REQUESTED BY ENGINEER.
12. CONTRACTOR IS RESPONSIBLE FOR SUPPLY OF ALL NECESSARY ITEMS REQUIRED TO FULFILL THE INTENT OF THE DESIGN, WHETHER EXPLICITLY INDICATED HEREIN OR IMPLIED BY THE CONTRACT DOCUMENTS.
13. CONTRACTOR SHALL COMPLY WITH APPLICABLE CONDITIONS OF APPROVALS, INCLUDING BUT NOT LIMITED TO BOH APPROVALS.
14. ALL SIGNS AND POSTS AND PAVEMENT MARKING TO BE INSTALLED WITHIN THE PROJECT SITE SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND TOWN OF WESTFORD STANDARDS.
15. SIGNS, LANDSCAPING AND OTHER FEATURES LOCATED WITHIN SIGHT TRIANGLE AREAS SHALL BE DESIGNED, INSTALLED AND MAINTAINED SO AS NOT TO EXCEED 2.5- FEET IN HEIGHT. SNOW WINDROWS LOCATED WITHIN SIGHT TRIANGLES THAT EXCEED 3.5- FEET IN HEIGHT OR THAT WOULD OTHERWISE INHIBIT SIGHT LINES SHALL BE PROMPTLY REMOVED.

LEGEND

— — — — —	PROPERTY LINE
pcc	PRECAST CONCRETE CURB
mcc	MONOLITHIC CONCRETE CURB
gc	GRANITE CURB
⊕	ACCESSIBLE PARKING SYMBOL
— ⊕ —	SIGN (ACCESSIBLE OR TRAFFIC)
→	SIGN (STARBUCKS DRIVE-THRU)
④	DIRECTIONAL TRAFFIC ARROWS
④	PROPOSED PARKING COUNT
■	PROPOSED BUILDING
■	CONCRETE SIDEWALK/PAD
■	SNOW STORAGE AREA

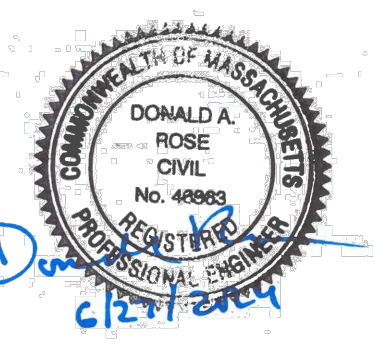


0 30 60
Scale in feet

OWNER/APPLICANT:

AMESBURY LODGING
VENTURES LLC

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ROAD
CORNING, NY 14830



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PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

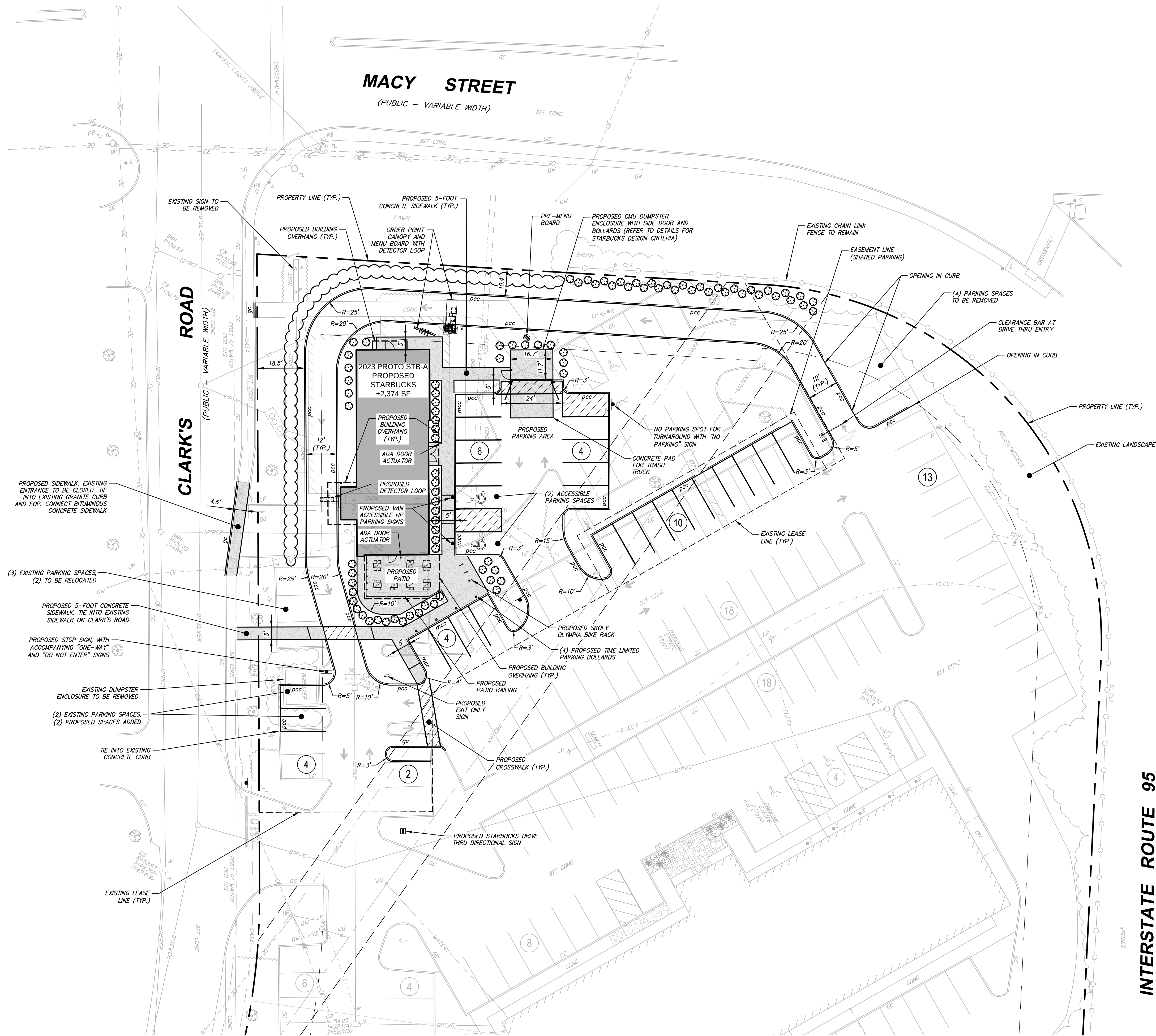
No.	Submittal / Revision	App'd.	By	Date

OVERALL SITE
LAYOUT PLAN

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: 1" = 30'

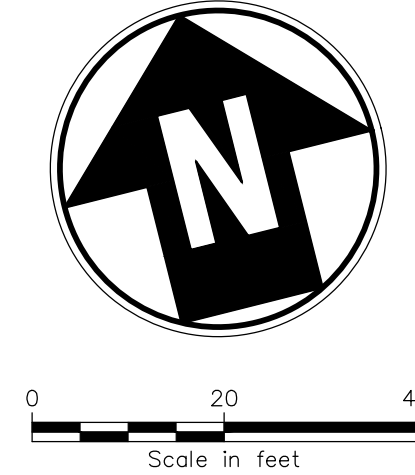
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C-101



LEGEND

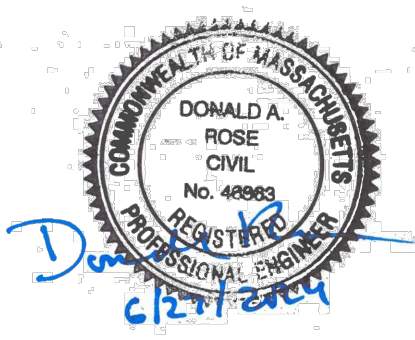
---	PROPERTY LINE
pcc	PRECAST CONCRETE CURB
mcc	MONOLITHIC CONCRETE CURB
gc	GRANITE CURB
⊙	ACCESSIBLE PARKING SYMBOL
↑	SIGN (ACCESSIBLE OR TRAFFIC)
→	SIGN (STARBUCKS DRIVE-THRU)
→	DIRECTIONAL TRAFFIC ARROW
④	PROPOSED PARKING COUNT
▭	PROPOSED BUILDING
▭	CONCRETE SIDEWALK/PAD



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PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
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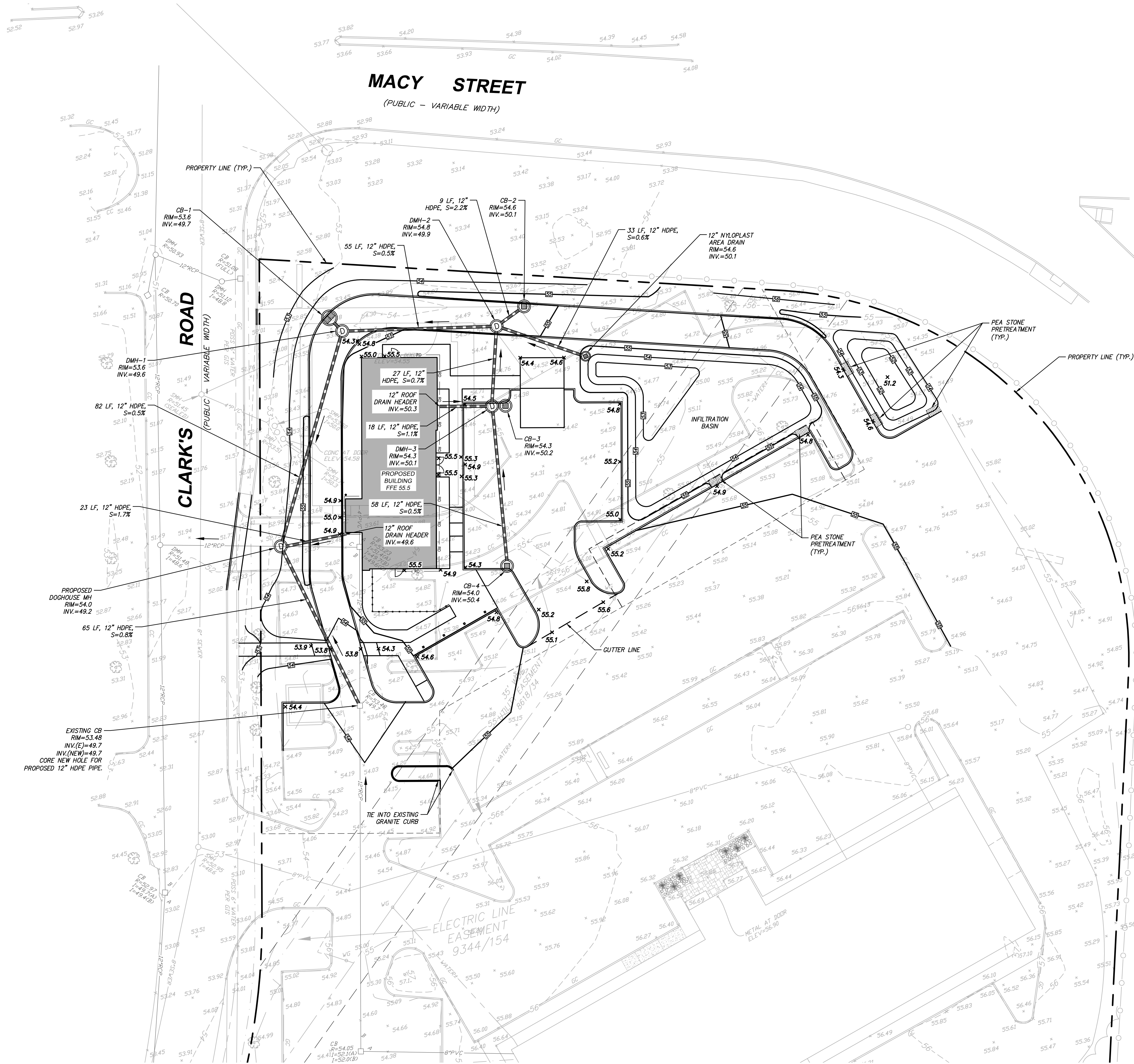
No.	Submittal / Revision	App'd. By	Date

SITE LAYOUT
PLAN

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: 1" = 20'

Drawing No.:
C-102

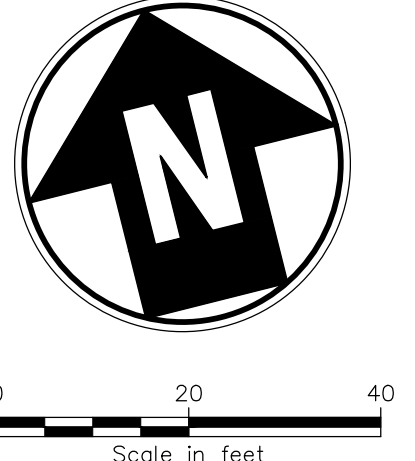
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INTERSTATE ROUTE 95

LEGEND

- x 54.33 PROPOSED SPOT GRADE
- 55.09 x EXISTING SPOT GRADE
- MAJOR CONTOUR
- MINOR CONTOUR
- DIRECTION OF PIPE FLOW/SLOPE
- STORMWATER DRAIN PIPE
- ROOF DRAIN
- CATCH BASINS
- DRAIN MANHOLE



OWNER/APPLICANT:

AMESBURY LODGING
VENTURES LLC
11751 EAST CORNING
ROAD
CORNING, NY 14830



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OWNER TO ALTER AN ITEM IN ANY MANNER WITHOUT THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
OWNER SHALL STAMP THE DOCUMENT AND INCLUDE THE
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PROPOSED
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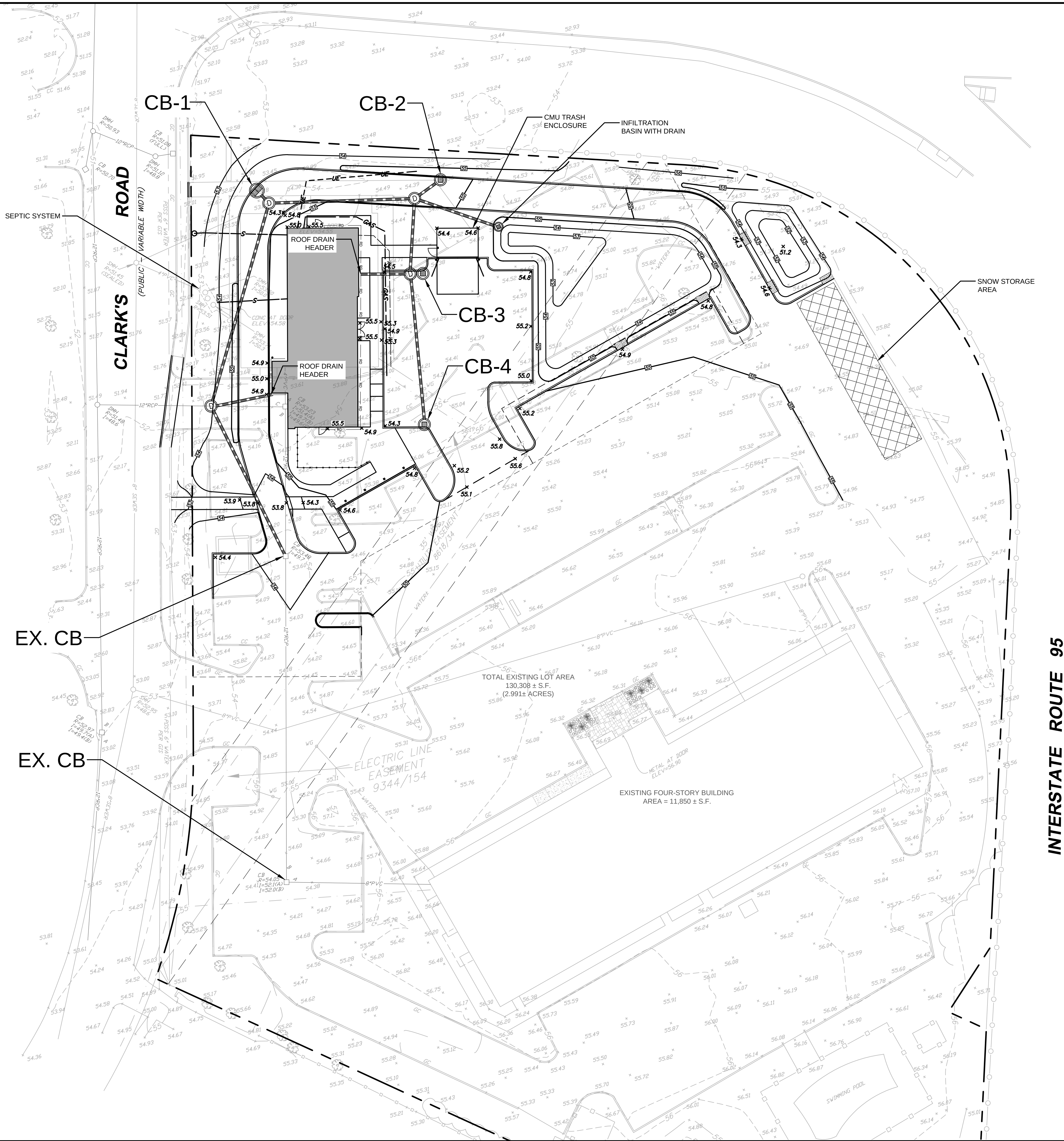
No.	Submittal / Revision	App'd. By	Date

GRADING & DRAINAGE PLAN

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: 1" = 20'

Drawing No.:
C-201

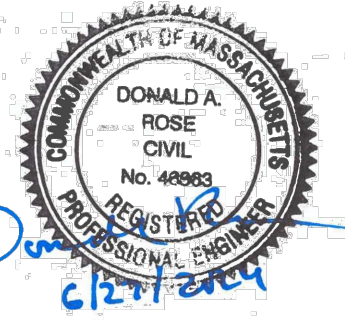
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OWNER/ APPLICANT:

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VENTURES LLC

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ROAD
CORNING, NY 14830



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SURVEYOR, TO ALTER ANY ITEM IN ANY MANNER, INCLUDING THE
STAMP OF A LICENSED PROFESSIONAL, IS ALTERED. THE ALTERING
OWNER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION "ALTERED BY FOLLOWING BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION."

PROPOSED
STARBUCKS
DRIVE-THRU

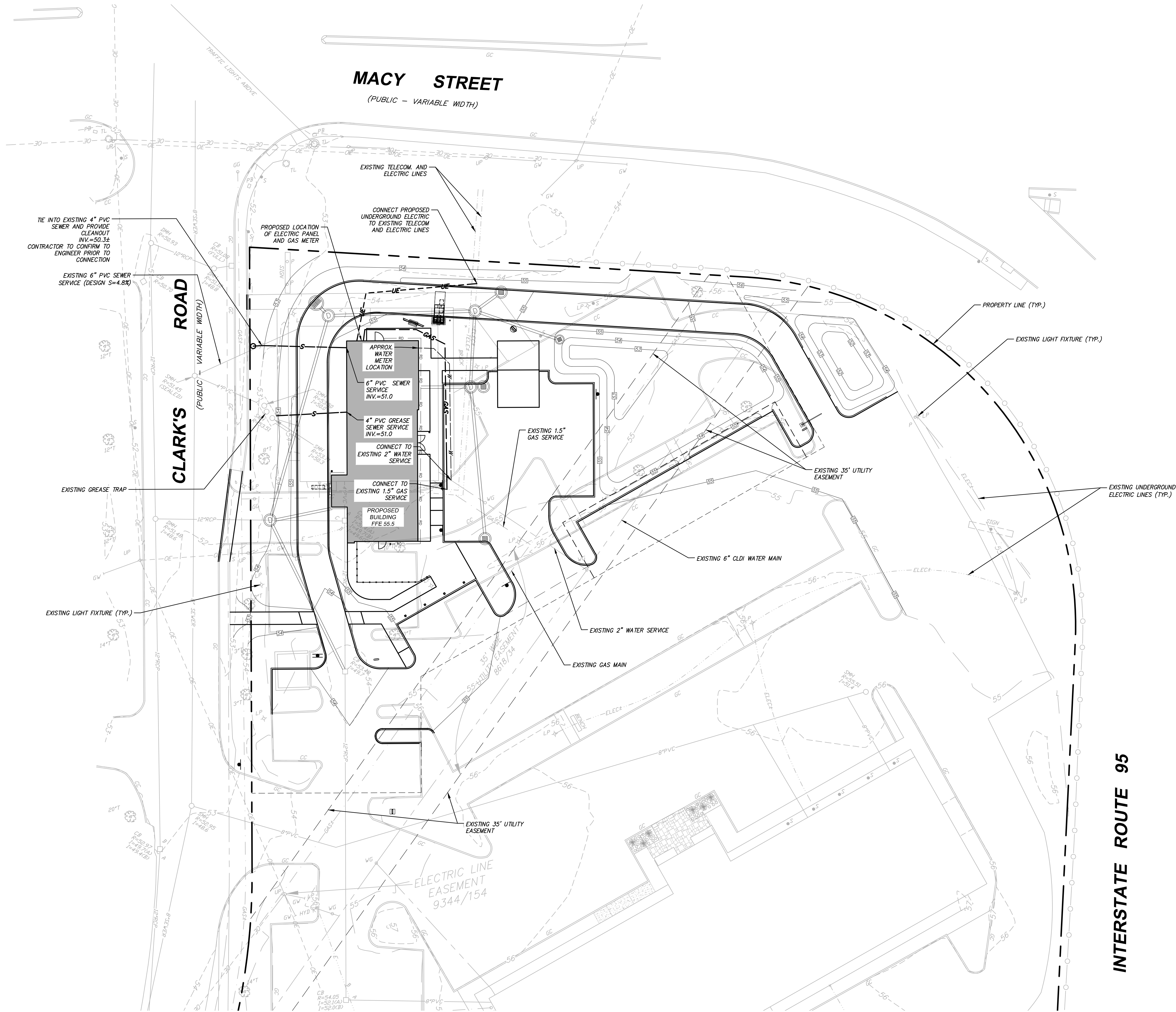
37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submittal / Revision	App'd. By	Date

OPERATION AND
MAINTENANCE PLAN

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: 1" = 20'

Drawing No.:
O & M



LEGEND

- PROPERTY LINE
- PROPOSED WATER SERVICE
- PROPOSED SANITARY SEWER
- PROPOSED UNDERGROUND ELECTRIC SERVICE
- PROPOSED GAS SERVICE

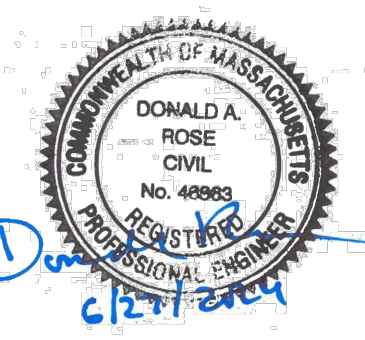


0 20 40
Scale in feet

OWNER/ APPLICANT:

AMESBURY LODGING
VENTURES LLC

11751 EAST CORNING
ROAD
CORNING, NY 14830



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PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submittal / Revision	App'd. By	Date

UTILITY PLAN

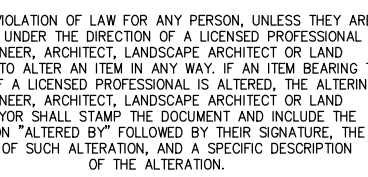
Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale: 1" = 20'

Drawing No.:

C-301

OWNER/ APPLICANT:

751 EAST CORNING
ROAD
CORNING, NY 14830



7 CLARK'S ROAD
AMESBURY, MA
01913

Issue Date: | Project No: | Scale:

C-401

1. STARBUCKS PREFERRED SCREENING PLANTS INCLUDE ITALIAN CYPRESS AND LEYLAND CYPRESS FOR SCREENING AT BUILDING.
2. THE CONTRACTOR SHALL VERIFY AND VISUALLY INSPECT FINAL SELECTION OF PLANT MATERIALS PRIOR TO INSTALLATION.
3. NO PLANT MATERIAL WILL BE ACCEPTED WHICH DISPLAYS MAJOR IRREGULARITIES OR MECHANICAL DAMAGE. THE OWNER RETAINS THE RIGHT TO REJECT ANY PLANT MATERIAL DEEMED UNFIT.
4. EXISTING VEGETATION SHALL REMAIN UNDISTURBED IN ALL AREAS WHICH ARE NOT PART OF THE PROPOSED CONTRACT LIMIT LINE.
5. WATER THOROUGHLY DURING AND IMMEDIATELY AFTER PLANTING.
6. ALL LANDSCAPED AREAS SHALL BE PROPERLY MAINTAINED. SHRUBS OR TREES WHICH DIE SHALL BE REPLACED WITHIN ONE GROWING SEASON.

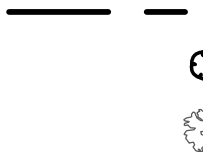
1. WEED SEED CONTENT SHALL NOT EXCEED 0.25%.
2. THE SEED MIXTURE SHALL BE DISTRIBUTED BY MEANS OF HYDRO-SEEDING.
3. THE FERTILIZER SHALL BE A 5-10-5 COMMERCIAL GRADE FERTILIZER APPLIED AT THE MANUFACTURERS RECOMMENDED APPLICATION RATE.
4. SEEDING APPLICATION RATE SHALL BE 4 LBS PER 1,000 SQ. FT.
5. WATER THOROUGHLY IMMEDIATELY AFTER SEEDING.
6. MAINTAIN AND PROTECT ALL SEEDED AREAS UNTIL A UNIFORM STAND OF GRASS HAS BEEN ESTABLISHED AND ACCEPTED BY THE OWNER'S REPRESENTATIVE.

1. ALL AREAS OF THE SITE WHICH ARE DISTURBED AND NOT PLANTED, MULCHED, PAVED, ETC. SHALL BE TOPSOILED AND SEEDED.
2. TOPSOIL TO BE INSTALLED TO A MINIMUM 4" DEPTH IN LAWN AREAS AND 12" IN PLANTING BEDS.
3. TOPSOIL SHALL CONSIST OF FERTILE, FRABLE, NATURAL LOAM FREE OF SUBSOL, CLAY LUMPS, BRUSH, TWIGS, ENVIRONMENTAL CONTAMINANTS, STONES OR OTHER DELETERIOUS MATERIALS LARGER THAN 1.5" IN GREATEST DIMENSION.
4. PROPOSED TOPSOIL SHALL BE TESTED BY AN INDEPENDENT TESTING FACILITY WITH TEST RESULTS SUBMITTED TO THE ENGINEER FOR APPROVAL. CONTRACTOR SHALL PAY FOR ALL TESTING. ACCEPTANCE OF TOPSOIL SHALL BE BASED UPON TEST RESULTS. ONE TEST SHALL BE PERFORMED PER 100 C.Y. OF TOPSOIL. LABORATORY TESTS SHALL INCLUDE THE FOLLOWING:

B. CHEMICAL ANALYSIS OF THE FOLLOWING:

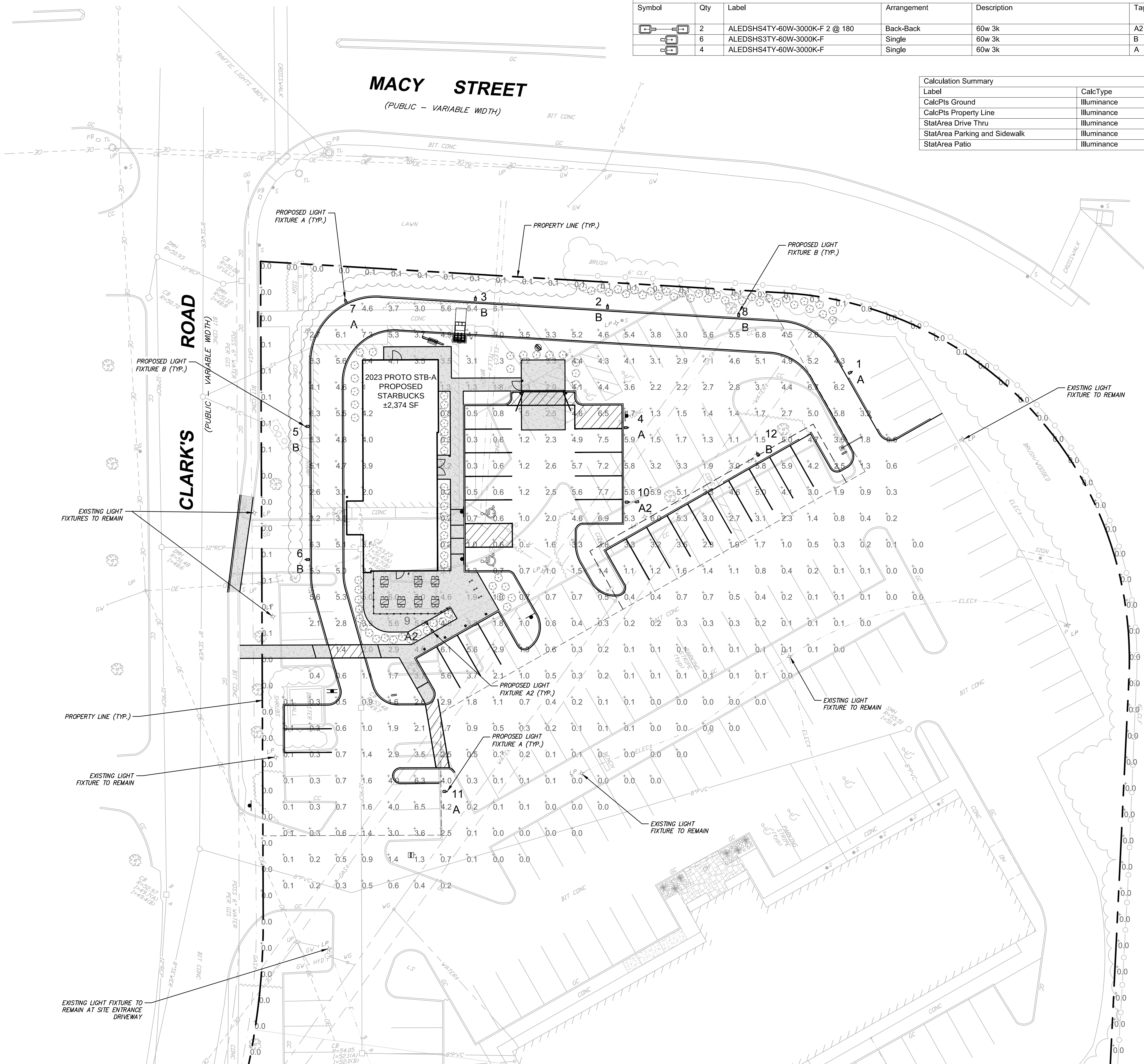
- I. PH (BETWEEN 5.5 AND 7.0)
- II. PERCENT OF ORGANIC CONTENT (NO LESS THAN 6% NOR MORE THAN 20%).
- III. NUTRIENT LEVELS OF PHOSPHORUS, POTASSIUM MAGNESIUM, MANGANESE, IRON, ZINC AND CALCIUM
- IV. SOLUBLE SALT
- V. CATION EXCHANGE CAPACITY (CEC).

C. NATURAL TOPSOIL MAY BE AMENDED WITH APPROVED MATERIALS, BY APPROVED METHODS, TO MEET THE ABOVE SPECIFICATIONS.



PROPERTY LINE
PROPOSED PLANTING
EXISTING TREE

INTERSTATE ROUTE 95



Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	2	ALED SHS4TY-60W-3000K-F 2 @ 180	Back-Back	60w 3k	A2	1.000	7070	57.2	228.8
	6	ALED SHS3TY-60W-3000K-F	Single	60w 3k	B	1.000	6742	56	336
	4	ALED SHS4TY-60W-3000K-F	Single	60w 3k	A	1.000	7070	57.2	228.8

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
CalcPts Ground	Illuminance	Fc	2.14	7.7	0.0	N.A.
CalcPts Property Line	Illuminance	Fc	0.02	0.1	0.0	N.A.
StatArea Drive Thru	Illuminance	Fc	4.73	7.3	2.6	1.82
StatArea Parking and Sidewalk	Illuminance	Fc	2.39	7.7	0.3	7.97
StatArea Patio	Illuminance	Fc	5.15	7.0	1.9	2.71

Expanded Luminaire Location Summary						
LumNo	Tag	X	Y	MTG HT	Orient	Tilt
1	A	301.774	389.177	16	207.105	0
2	B	210.518	393.601	16	267.71	0
3	B	160.177	396.901	16	267.71	0
4	A	217.602	348.891	16	181.975	0
5	B	97.098	349.27	16	0	0
6	B	96.941	298.601	16	0	0
7	A	111.236	395.907	16	290.186	0
8	B	260.535	390.566	16	267.71	0
9	A2	143.765	271.515	16	304.996	0
9	A2	141.471	274.791	16	484.996	0
10	A2	216.403	320.494	16	181.975	0
10	A2	220.401	320.632	16	361.975	0
11	A	146.833	210.131	16	179.016	0
12	B	268.032	338.587	16	300.973	0
Total Quantity: 14						

ALED S3TY



Color: Bronze

Weight: 13.2 lbs

ALED S4TY



Color: Bronze

Weight: 13.2 lbs

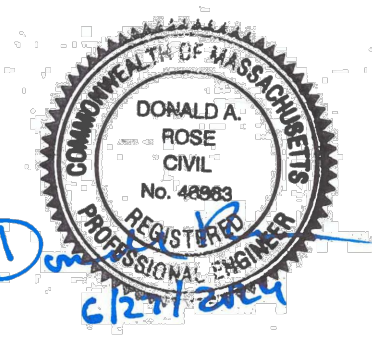


0 20 40
Scale in feet

OWNER/ APPLICANT:

AMESBURY LODGING
VENTURES LLC

11751 EAST CORNING
ROAD
CORNING, NY 14830



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PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submittal / Revision	App'd. By	Date
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No.	Submittal / Revision	App'd. By	Date

PHOTOMETRIC
PLAN

Designed By:	Drawn By:	Checked By:
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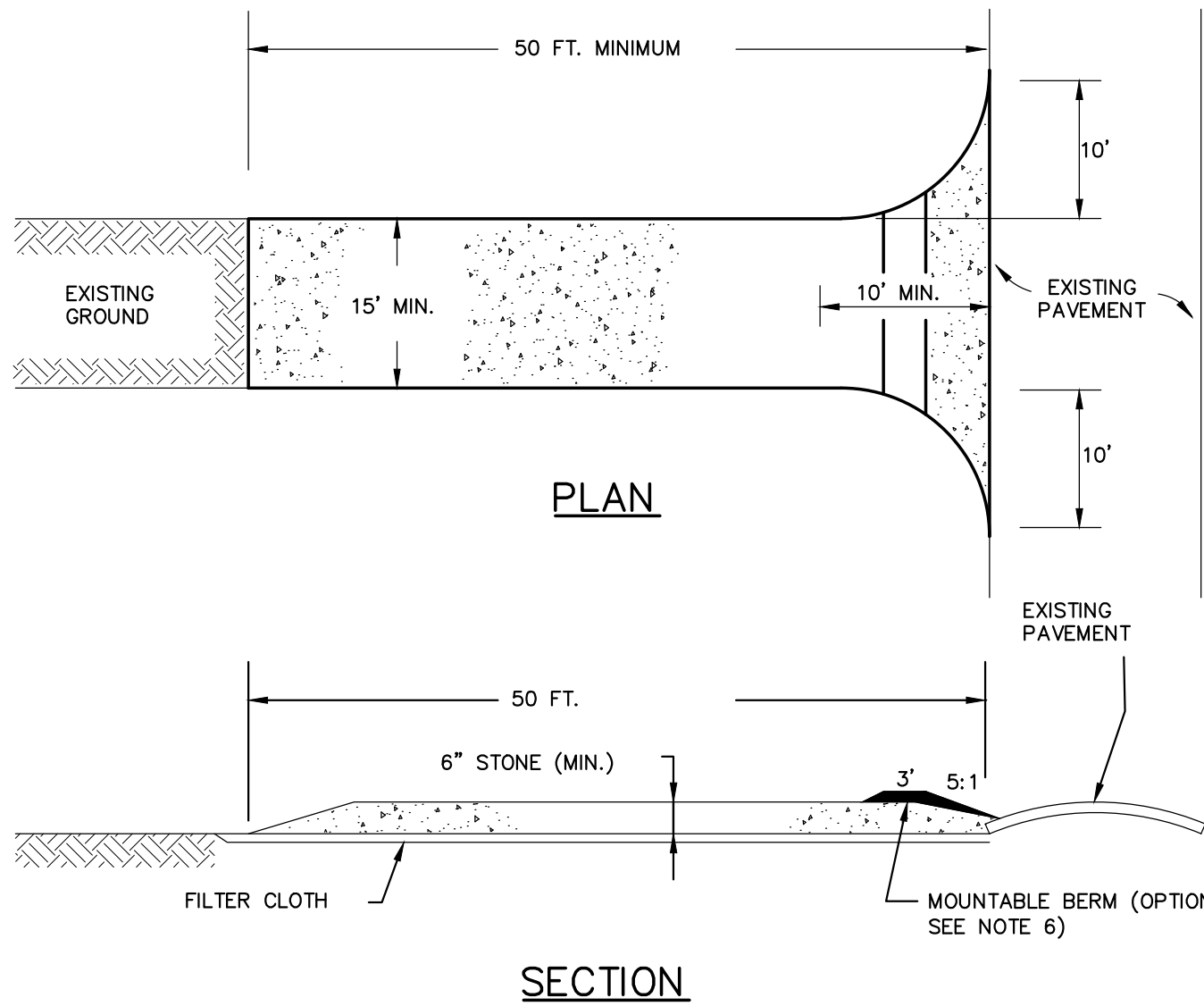
DR	JAS	DR
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Issue Date:	Project No:	Scale:
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06/27/2024	081088	1" = 20'
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Drawing No.:

C-501

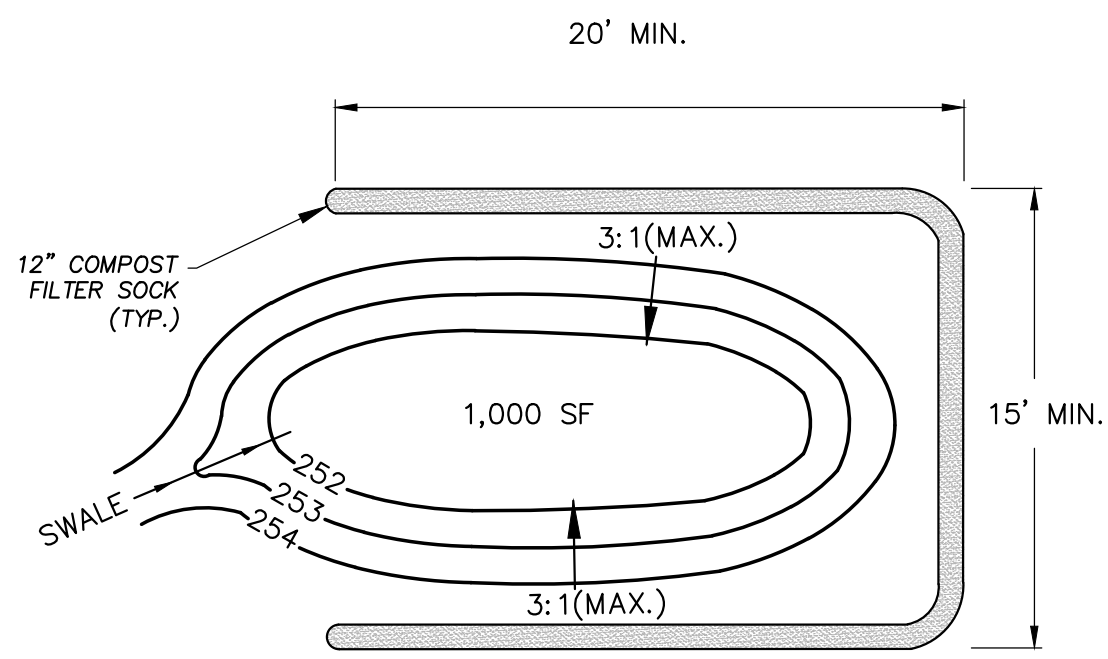


CONSTRUCTION SPECIFICATIONS:

- STONE SIZE: USE 2" STONE. NO RECYCLED CONCRETE IS PERMITTED.
- LENGTH: RECOMMEND GREATER THAN OR EQUAL TO 50 FEET WHERE SOILS ARE SANDS AND GRAVELS AND 100 FEET IN SILTS AND CLAYS.
- THICKNESS: NOT LESS THAN SIX (6) INCHES.
- WIDTH: FIFTEEN (15) FOOT, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- FILTER CLOTH: SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER: ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHALL BE INSTALLED.
- MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY AND ON AN ONGOING BASIS.
- PERIODIC INSPECTION AND NECESSARY MAINTENANCE SHALL BE PROVIDED.

1 STABILIZED CONSTRUCTION ENTRANCE

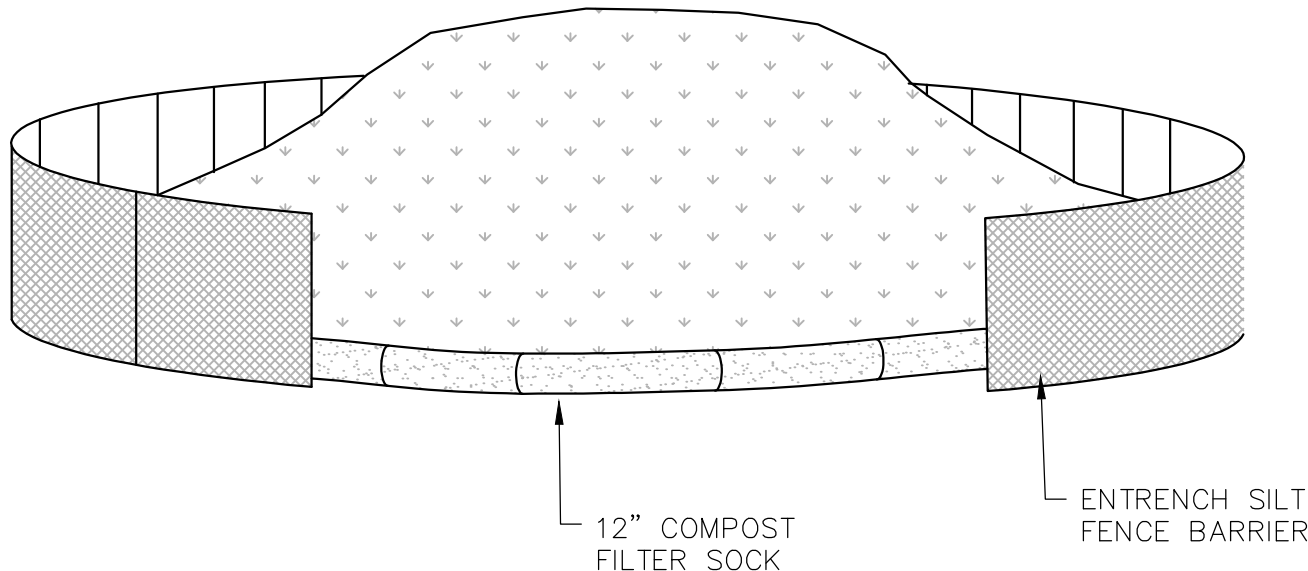
SCALE: NO SCALE



- SEDIMENT BASINS AND TRAPS SHALL BE SIZED IN ACCORDANCE WITH EPA NPDES GUIDELINES.
- SEDIMENT TRAPS ARE UTILIZED FOR DRAINAGE AREAS SMALLER THAN 5 ACRES. THE SEDIMENT TRAP SHOULD HAVE A MINIMUM VOLUME BASED ON 1/2 INCH OF STORAGE FOR EACH ACRE OF DRAINAGE AREA. THIS VOLUME EQUATES TO 1800 CUBIC FEET OF STORAGE OR 67 CUBIC YARDS FOR EACH ACRE OF DRAINAGE AREA.
- SEDIMENT BASIN ARE UTILIZED FOR DRAINAGE AREAS FROM 5 TO 100 ACRES. THE TEMPORARY SEDIMENT BASIN SHOULD HAVE A MINIMUM VOLUME OF 3,600 CUBIC FEET FOR EACH ACRE OF DRAINAGE AREA.
- LOCATION DICTATED BY SEQUENCE OF CONSTRUCTION. CONTRACTOR TO PROVIDE WHERE NECESSARY TO FILTER RUNOFF FROM CONSTRUCTION AREAS PRIOR TO DISCHARGE.
- SEDIMENT BASIN/TRAP TO HAVE 12" VERTICAL PERFORATED PIPE WRAPPED WITH FILTER FABRIC AND SCREEN ON TOP FOR OVERFLOW.

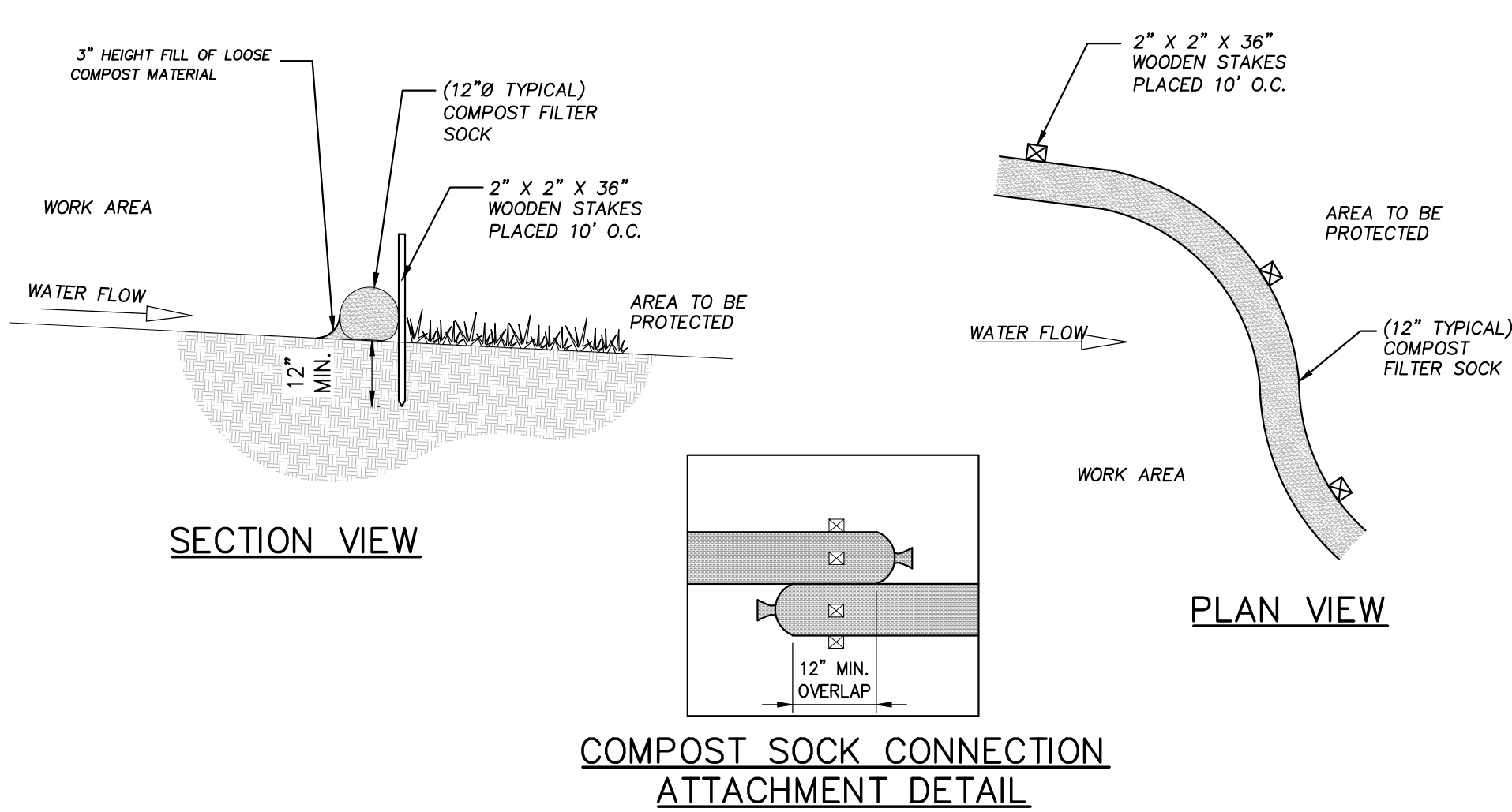
4 TEMPORARY SEDIMENTATION BASIN

SCALE: NO SCALE



5 SOIL STOCKPILE

SCALE: NO SCALE



NOTES:

- PREFABRICATED COMPOST SOCK SHALL BE FILTREXX SOXX OR APPROVED EQUAL.
- MATERIAL FOR SOCKS SHALL CONSIST OF SANITIZED MATURE COMPOST, FREE OF VIABLE WEED SEEDS AND FOREIGN DEBRIS SUCH AS GLASS AND PLASTIC. COMPOST SHALL BE IN SHREDDED OR GRANULAR FORM AND FREE FROM HARD LUMPS. IN ADDITION, NO KILN-DRIED WOOD OR CONSTRUCTION DEBRIS SHALL BE ALLOWED. CONTRACTOR SHALL REFER TO MASSDOT SPECIFICATIONS M1.06.0 FOR MATERIAL SPECIFICATIONS.
- SOCK SHALL CONSIST OF JUTE MESH OR OTHER APPROVED BIODEGRADABLE MATERIAL.

PRACTICE: COMPOST FILTER SOCK.

A COMPOST FILTER SOCK IS A TYPE OF CONTAINED COMPOST FILTER BERM CONSISTING OF A MESH TUBE FILLED WITH COMPOST MATERIAL THAT IS PLACED PERPENDICULAR TO SHEET FLOW RUNOFF TO RETAIN SEDIMENT FROM DISTURBED AREAS. THE COMPOST FILTER SOCK ACTS AS A FILTER TO RETAIN SEDIMENT AND OTHER POLLUTANTS (E.G., SUSPENDED SOLIDS, NUTRIENTS) WHILE ALLOWING THE WATER TO FLOW THROUGH IT. COMPOST QUALITY MUST MEET AASHTO 2010 SPECIFICATIONS.

INSTALLATIONS REQUIREMENTS:

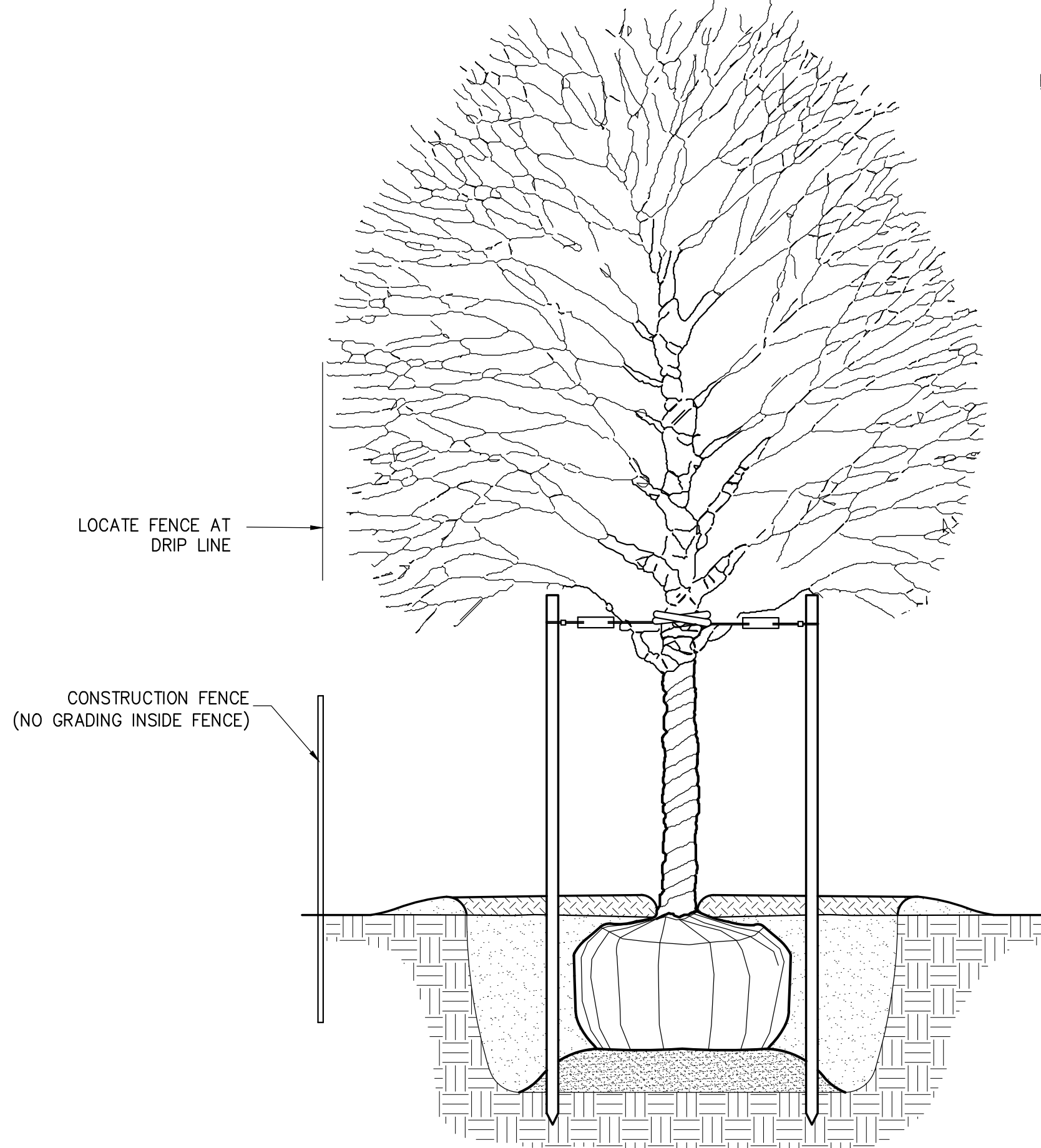
ONCE THE FILTER SOCK IS FILLED AND PUT IN PLACE, IT SHOULD BE ANCHORED TO THE SLOPE BY STAKES ALONG THE DOWNHILL SIDE OF THE SOCK AT 10' SPACING ON CENTER (O.C.) THE ENDS OF THE FILTER SOCK SHOULD BE DIRECTED UPSLOPE, TO PREVENT STORMWATER FROM RUNNING AROUND THE END OF THE TUBE.

MAINTENANCE REQUIREMENTS:

SOCK MUST BE INSPECTED FOR SEDIMENT ACCUMULATION. IF THERE IS EXCESSIVE PONDING BEHIND THE FILTER SOCK OR ACCUMULATED SEDIMENT REACHES THE TOP OF THE SOCK, AN ADDITIONAL SOCK SHOULD BE ADDED ON TOP OR INFRONT OF THE EXISTING SOCK IN THESE AREAS. AN ADEQUATE RESERVE OF SOCKS MUST BE KEPT ON SITE AT ALL TIMES FOR EMERGENCY AND/OR ROUTINE REPLACEMENT. SOCKS SHALL BE REMOVED ONLY AFTER EXPOSED SOILS IN THE CONTRIBUTING DRAINAGE AREA ACHIEVE FINAL STABILIZATION. SEDIMENT ACCUMULATION MUST BE REMOVED ONCE IT HAS REACHED 1/2 OF THE EXPOSED HEIGHT OF THE SOCK.

2 12-INCH COMPOST FILTER SOCK

SCALE: NO SCALE

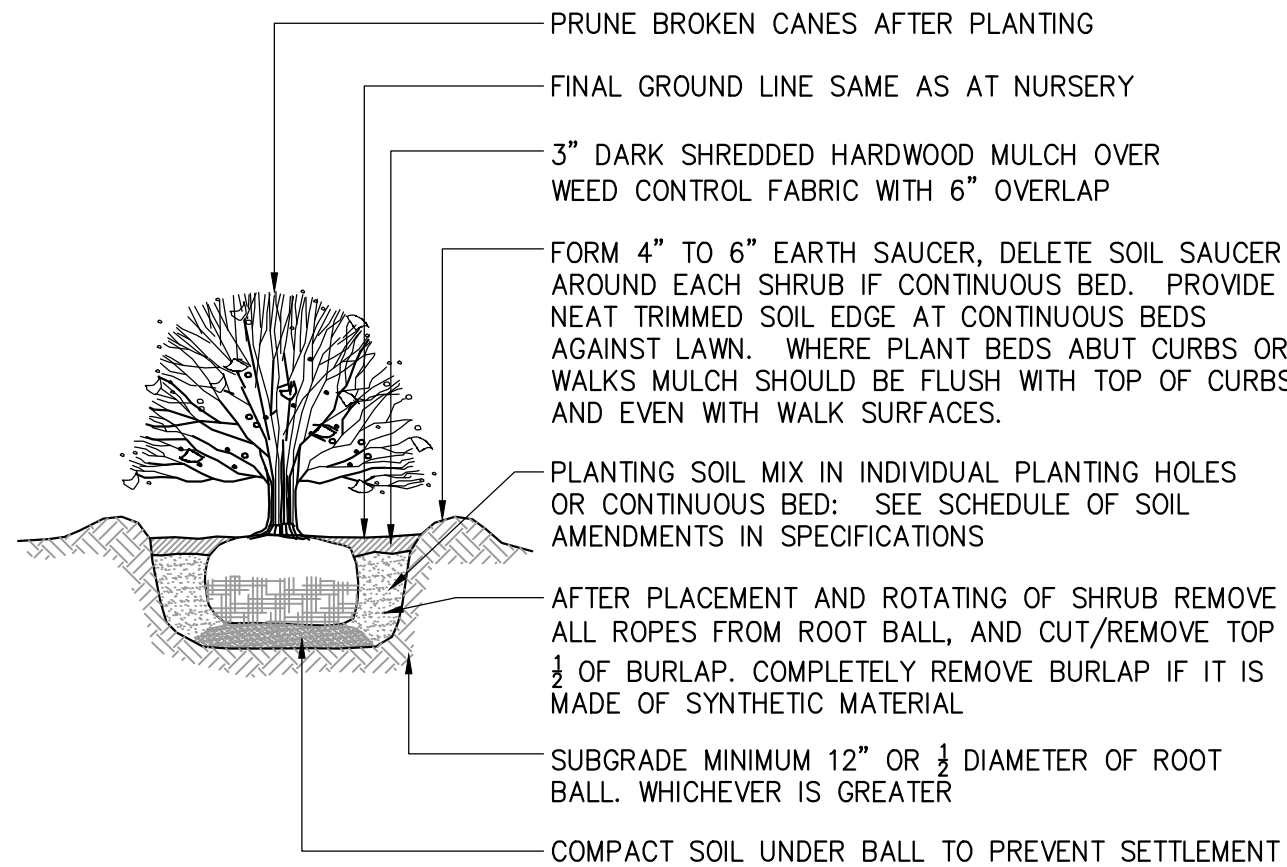


6 TREE PROTECTION DETAIL

SCALE: NO SCALE

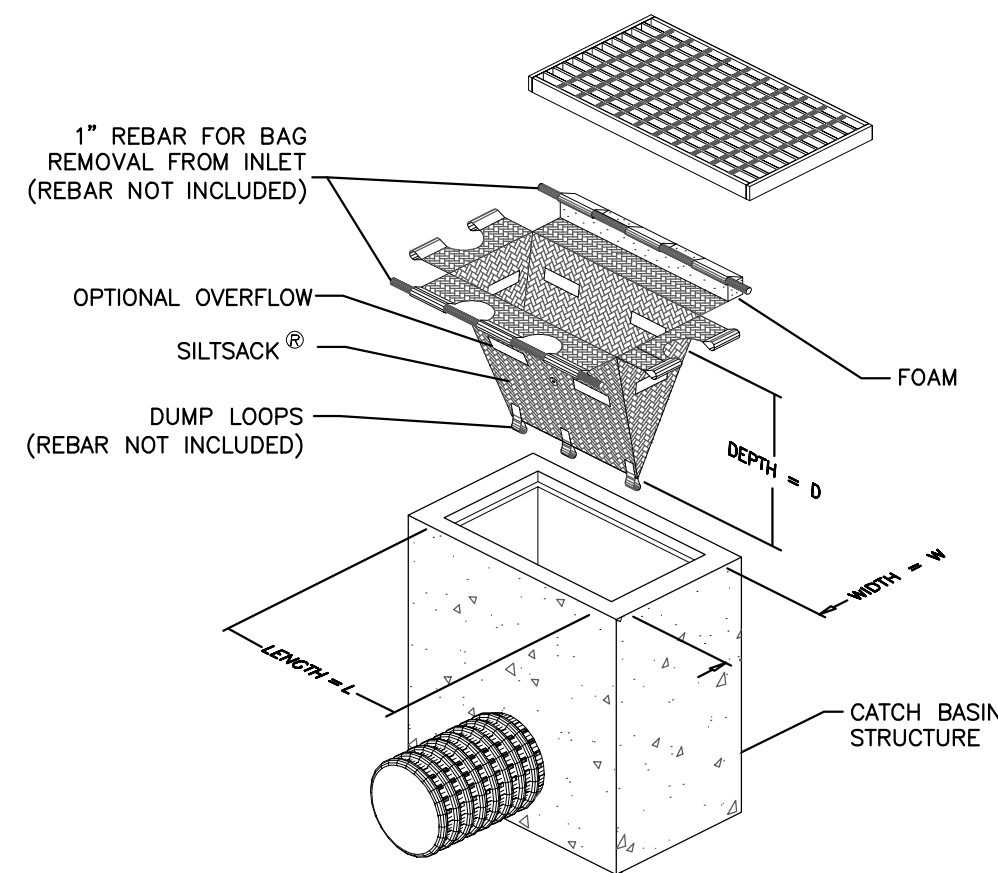
FENCE NOTES:

- CONTRACTOR TO MAINTAIN INTEGRITY OF CONSTRUCTION FENCE FOR DURATION OF PROJECT.
- FOR EVERGREEN TREES LOCATE CONSTRUCTION FENCE 5' CLEAR OF BASE BRANCHES.
- IF ROCK IS ENCOUNTERED BEFORE DRIVEN DEPTH SHOWN, SECURE POST IN 12" DIAMETER CONCRETE FOOTING.
- REMOVE FENCE AND RESTORE LAWN AT COMPLETION OF CONTRACT.
- ALL TIES TO BE 9 GAUGE.
- ALL COMPONENTS TO BE GALVANIZED STEEL.
- INSTALL BRACE RAIL ASSEMBLIES IN EACH DIRECTION FROM CORNER POSTS AND AT ALL END POSTS
- BRACE / TENSION BANDS TO BE 1/2" x 1" AND FASTENED WITH 3/8" x 1 1/2" CARRIAGE BOLTS.
- IF LANDSCAPE PLANS CONTAIN TREE PROTECTION DETAIL, THAT DETAIL SHALL GOVERN OVER THIS DETAIL.



7 SHRUB PLANTING

SCALE: NO SCALE



NOTES:

- REMOVE ACCUMULATED SEDIMENT WHEN CAPACITY IS REDUCED BY HALF OR PER MANUFACTURER'S RECOMMENDATIONS.
- CATCH BASIN INSERT TO BE SILTSACK BY ACF ENVIRONMENTAL, PHONE: 1-800-448-3636, acfenvironmental.com OR EQUIVALENT.
- INSTALL ON ALL EXISTING CATCH BASINS WITHIN MAIN STREET AND ON SITE. INSTALL ON ALL PROPOSED CATCH BASINS AFTER STRUCTURE INSTALLATION.

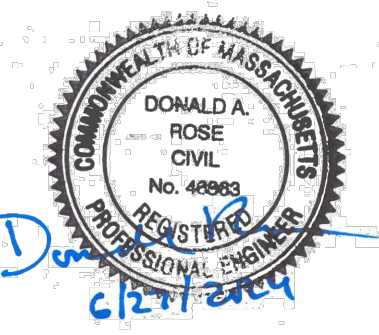
3 FILTER SACK CATCH BASIN DETAIL

SCALE: NO SCALE

OWNER/APPLICANT:

AMESBURY LODGING
VENTURES LLC

11751 EAST CORNING
ROAD
CORNING, NY 14830



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PROPOSED STARBUCKS DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submitted / Revision	App'd. By	Date
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No.	Submitted / Revision	App'd. By	Date

SITE DETAILS - 1

Designed By:	Drawn By:	Checked By:
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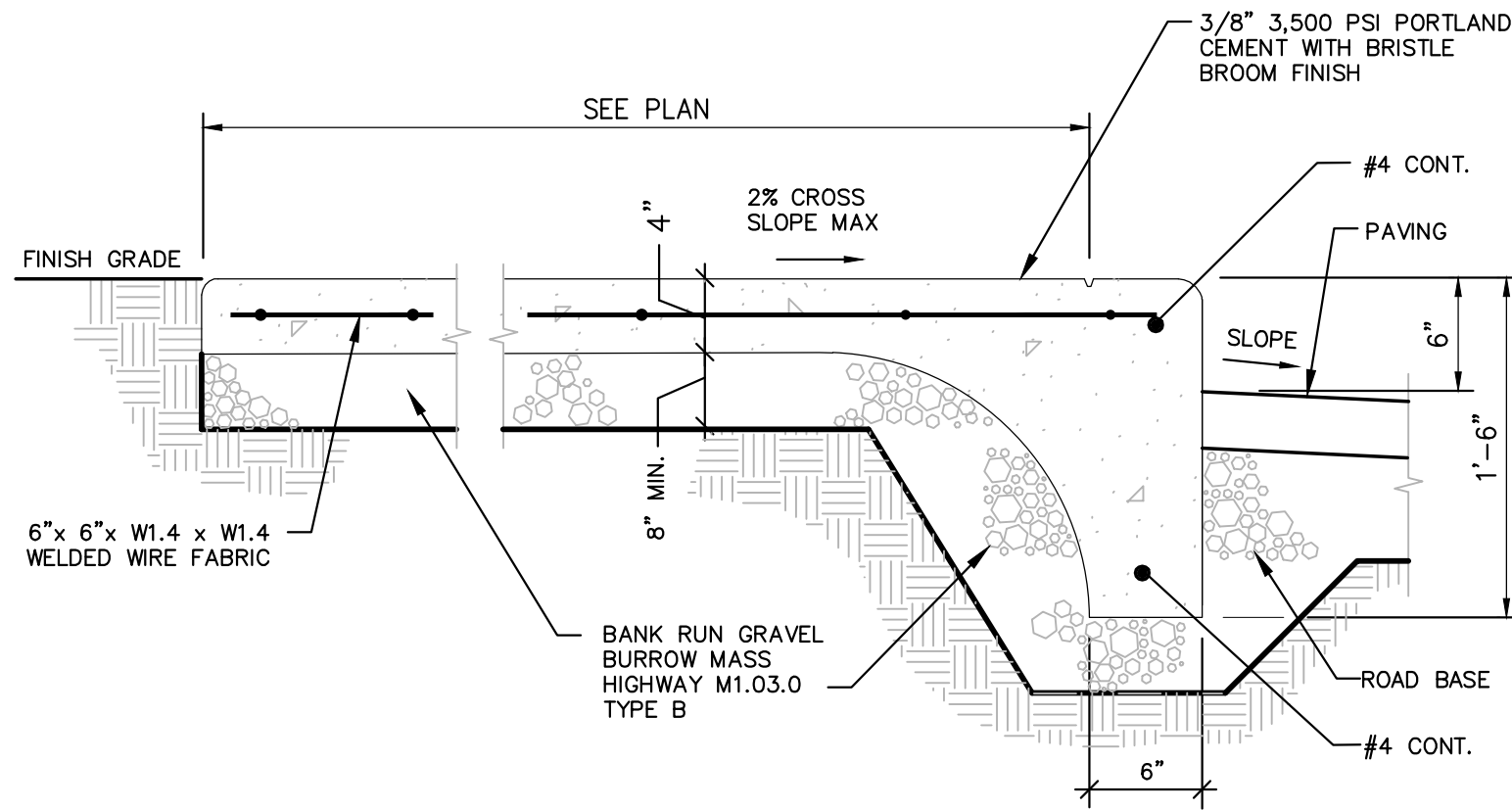
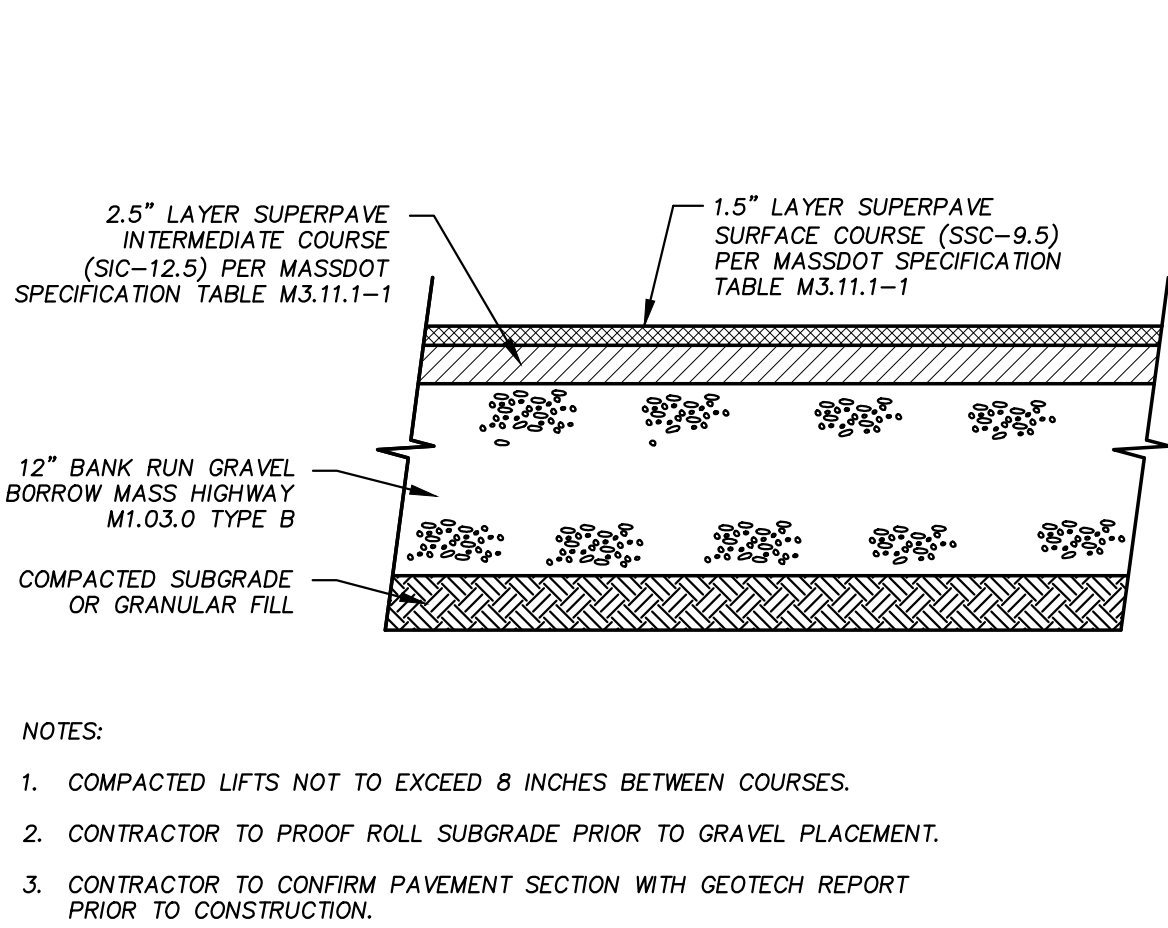
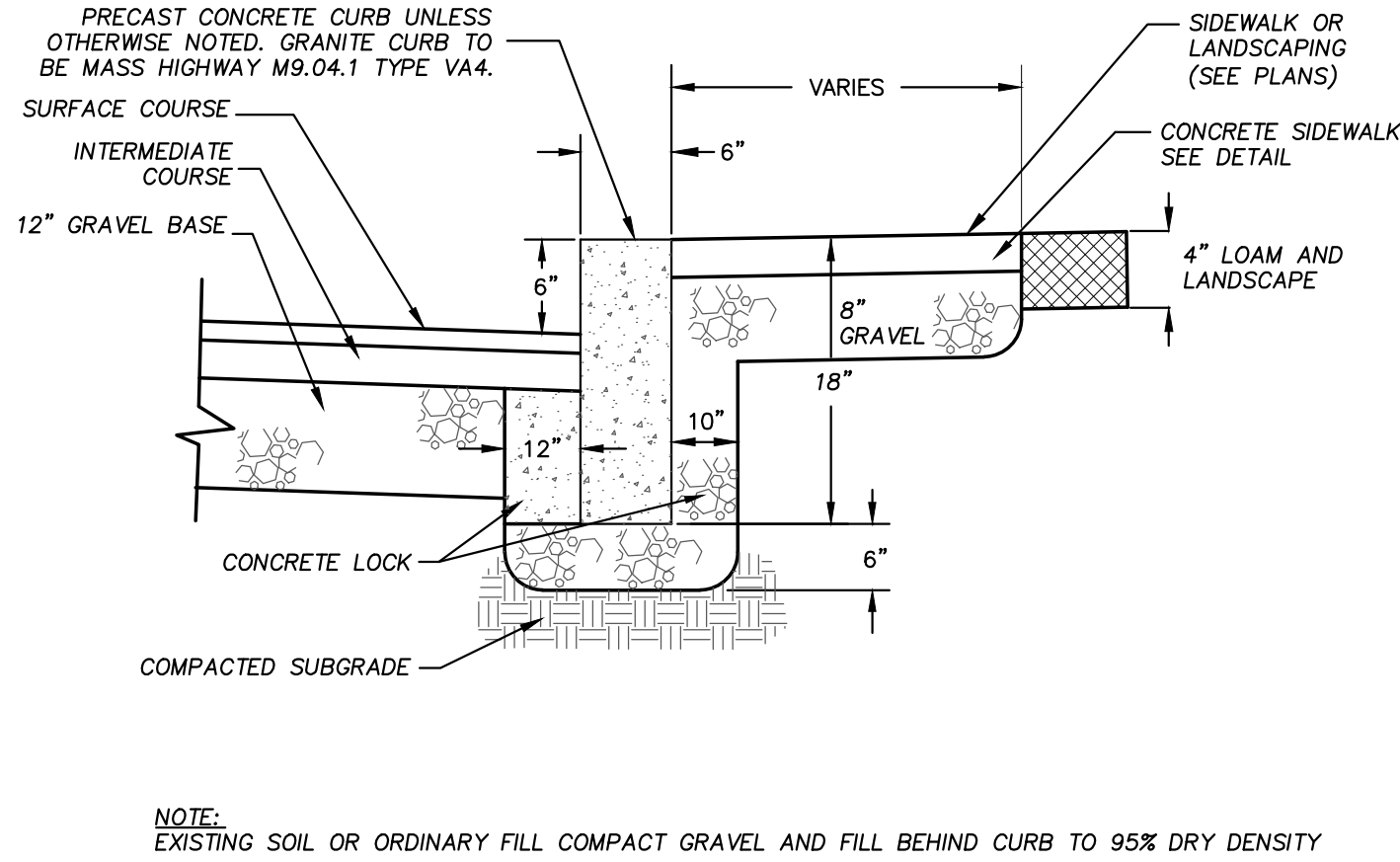
DR	JAS	DR
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Issue Date:	Project No:	Scale:
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06/27/2024	081088	
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Drawing No.:

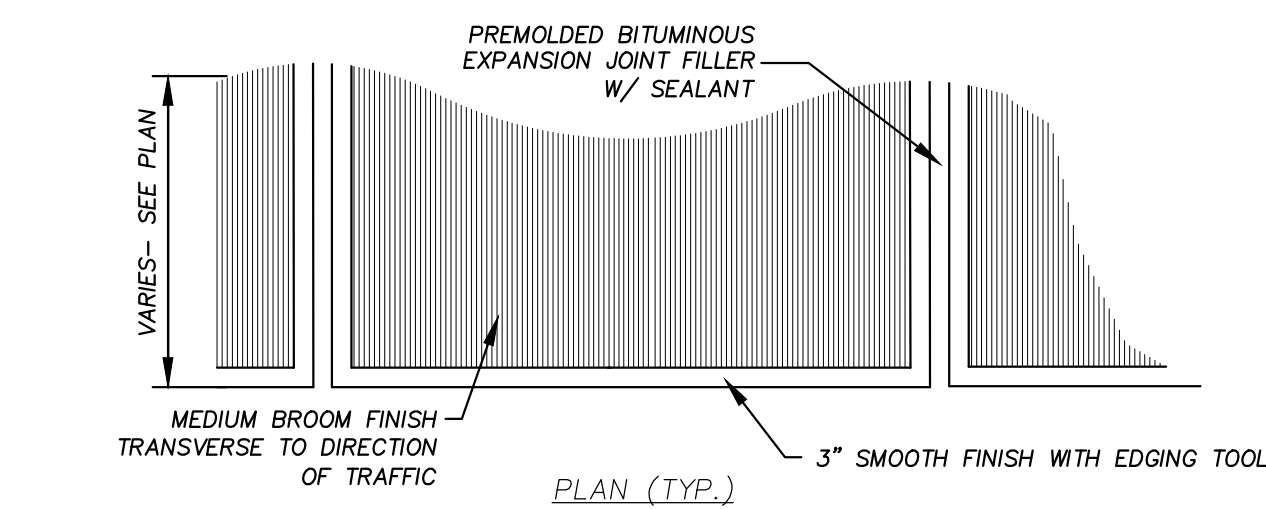
C-601



1 PRECAST CONCRETE/GRANITE CURB
SCALE: NO SCALE

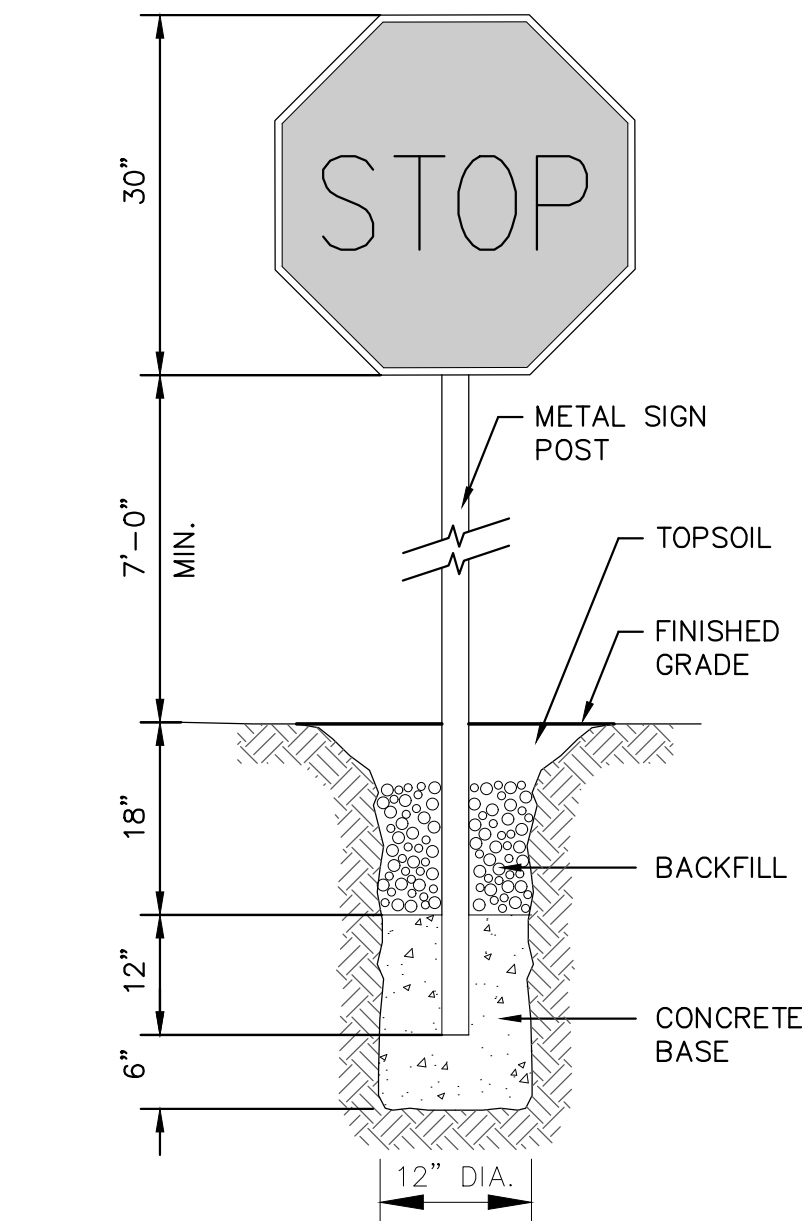
2 STANDARD DUTY BITUMINOUS PAVEMENT
SCALE: NO SCALE

3 INTEGRAL WALK & CURB DETAIL (MONOLITHIC)
SCALE: NO SCALE



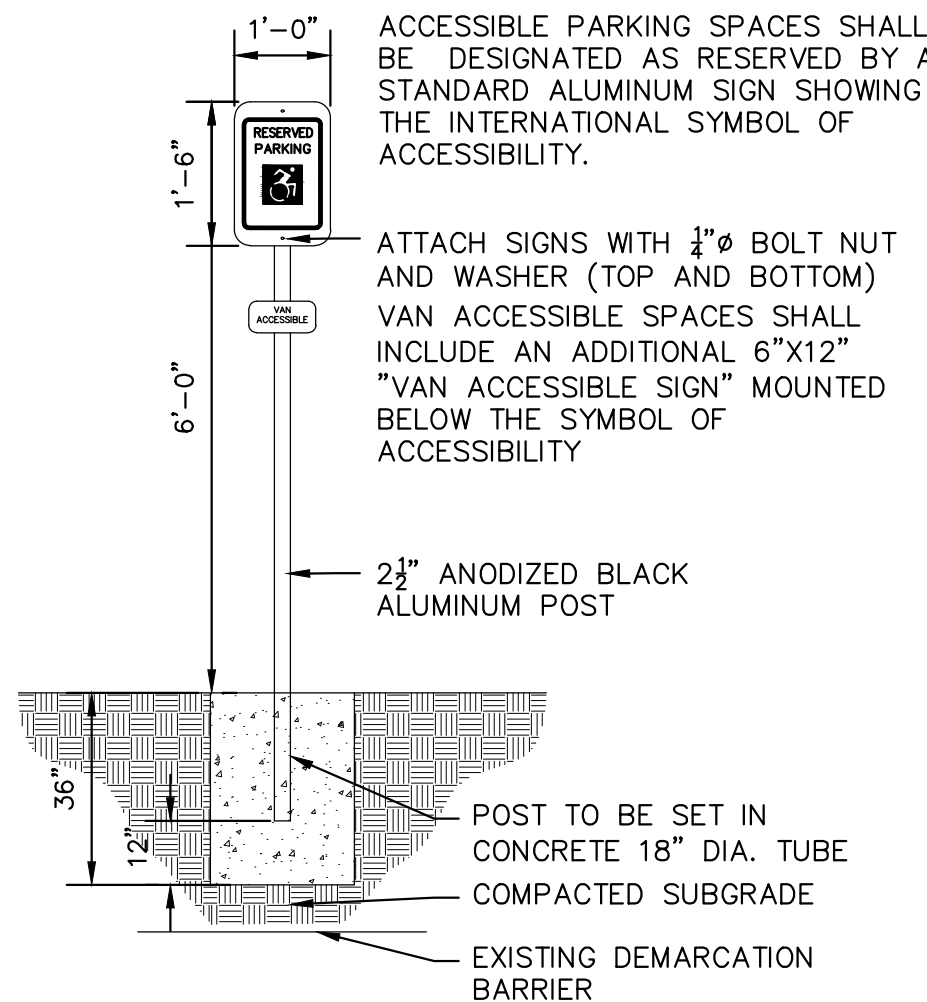
- NOTES:
1. PROVIDE CONSTRUCTION CONTROL JOINT EVERY 5' OR AS NOTED ON SCORING PLAN.
 2. PROVIDE EXPANSION JOINT EVERY 20' OF 400 SQUARE FEET OR AS NOTED ON SCORING PLAN.
 3. PITCH WALK TO DOWN GRADE SIDE AT 2% MAX.
 4. REFER TO ARCHITECTURAL PLANS FOR JOINT PATTERN AND FINISH SURFACE IN ENTRANCE AREA WALK.

4 CONCRETE SIDEWALK
SCALE: NO SCALE

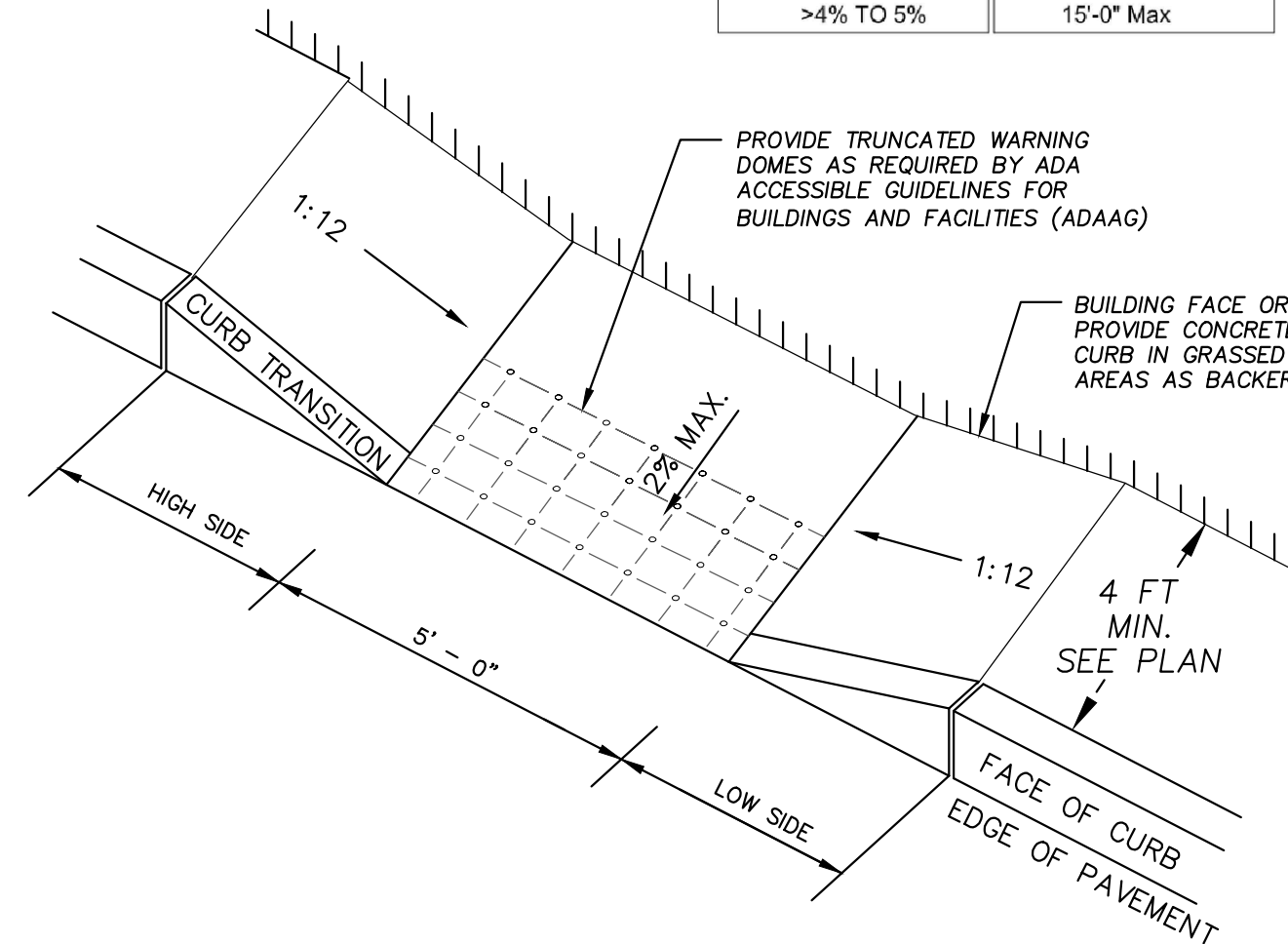


- NOTE:
1. PROVIDE SIGN IN ACCORDANCE WITH MUTCD SPECIFICATIONS AND LOCAL AUTHORITIES HAVING JURISDICTION.

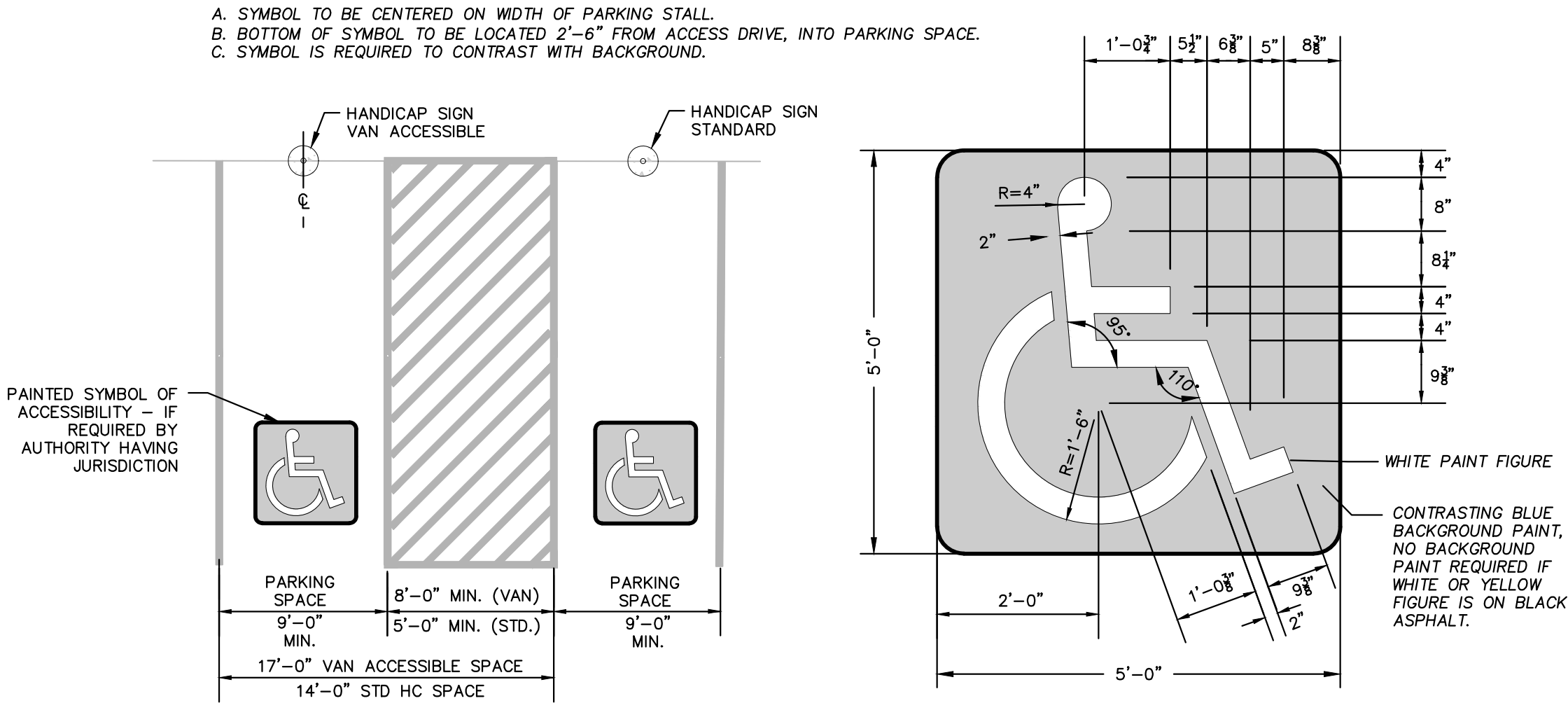
5 STOP SIGN (R1-1) DETAIL
SCALE: NO SCALE



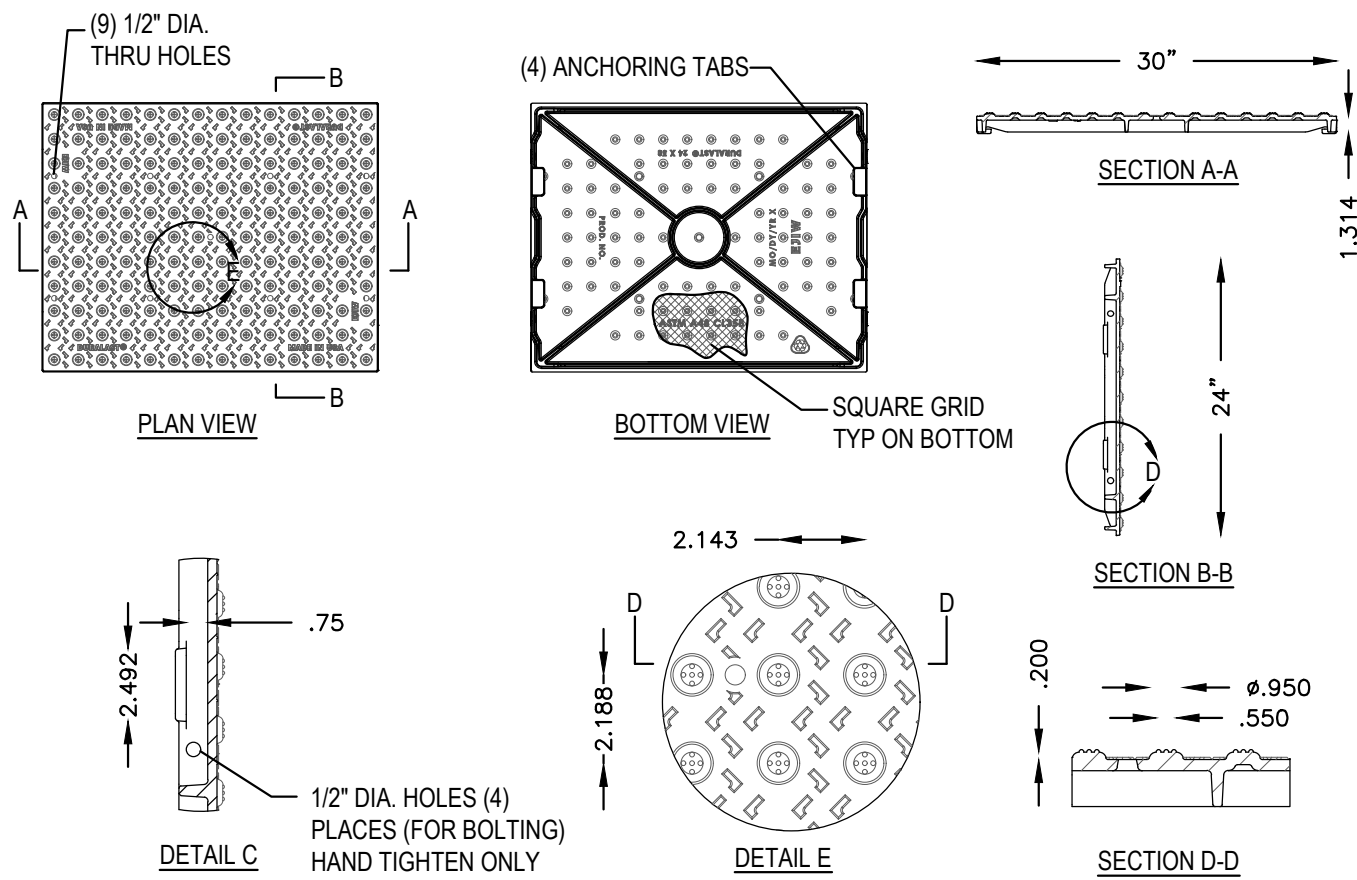
6 ACCESSIBLE PARKING SIGN
SCALE: NO SCALE



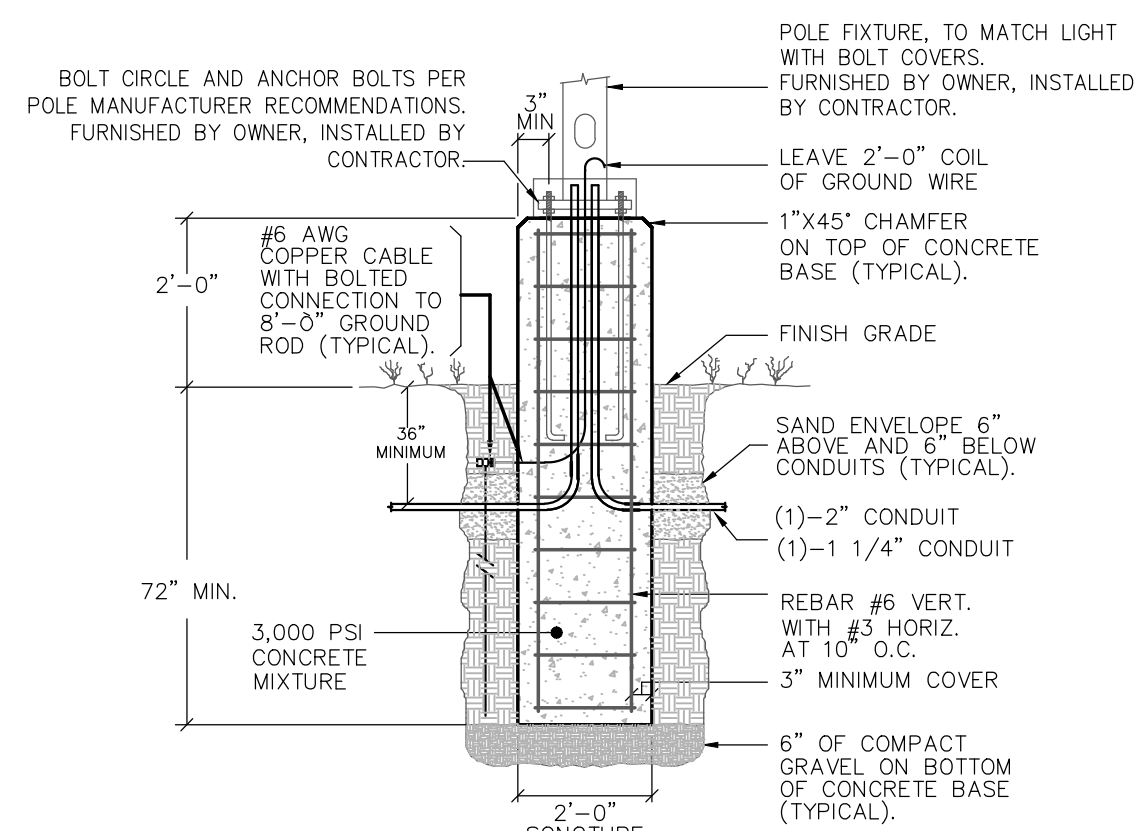
7 ADA CURB RAMP
SCALE: NO SCALE



8 HANDICAP PARKING SPACE AND SYMBOL
SCALE: NO SCALE



9 DURALAST® DETECTABLE WARNING PLATE (IF REQUIRED)
SCALE: NO SCALE

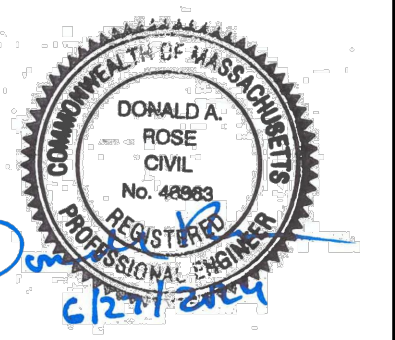


- NOTES:
1. TOTAL LENGTH OF SONOTUBE IS A 3-1 RATIO WITH RESPECT TO THE TOTAL HEIGHT OF POLE INCLUDING EXTENSION ABOVE FINISHED GRADE.
 2. LIGHTING NOTE: CONTRACTOR IS RESPONSIBLE FOR PLANNING / ORIENTATING THE BASE PLATE MOUNTING PATTERN TO FIT THE SELECTED POLE AND ACCOUNT FOR THE ORIENTATION OF THE FIXTURE HEADS.
 3. CONTRACTOR TO SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO CONSTRUCTION.

10 PRE-CAST POLE BASE DETAIL
SCALE: NO SCALE

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STARBUCKS
DRIVE-THRU

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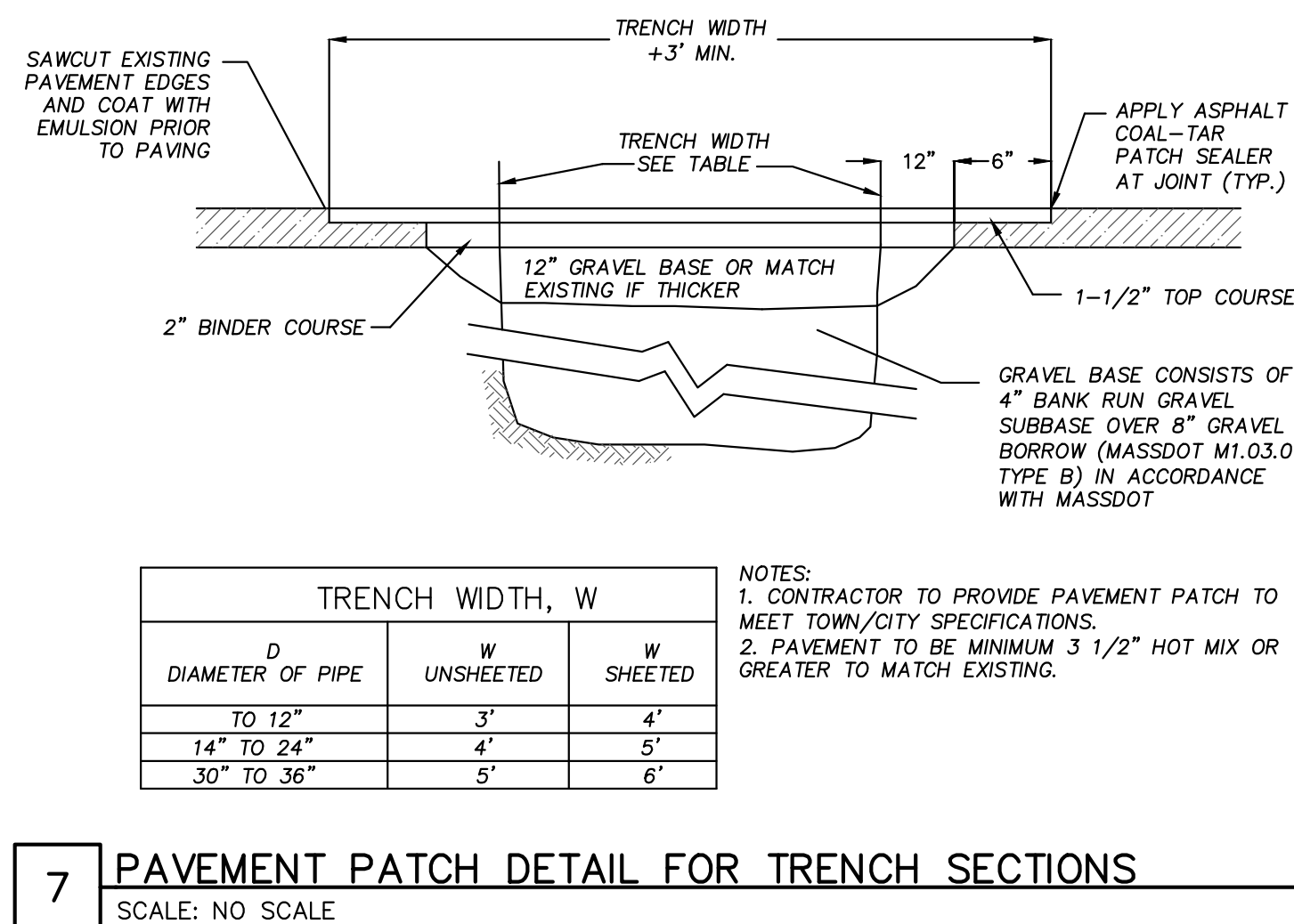
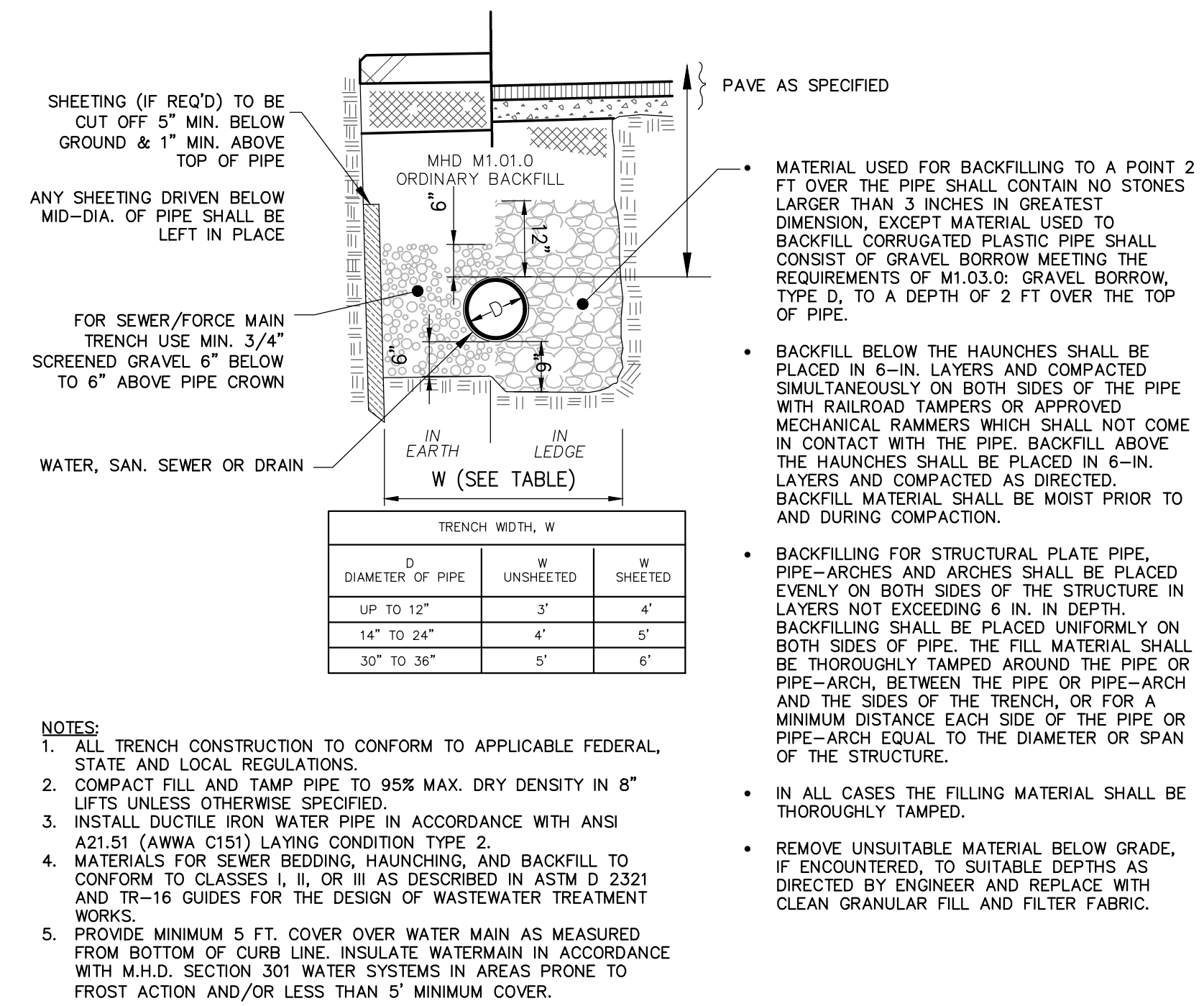
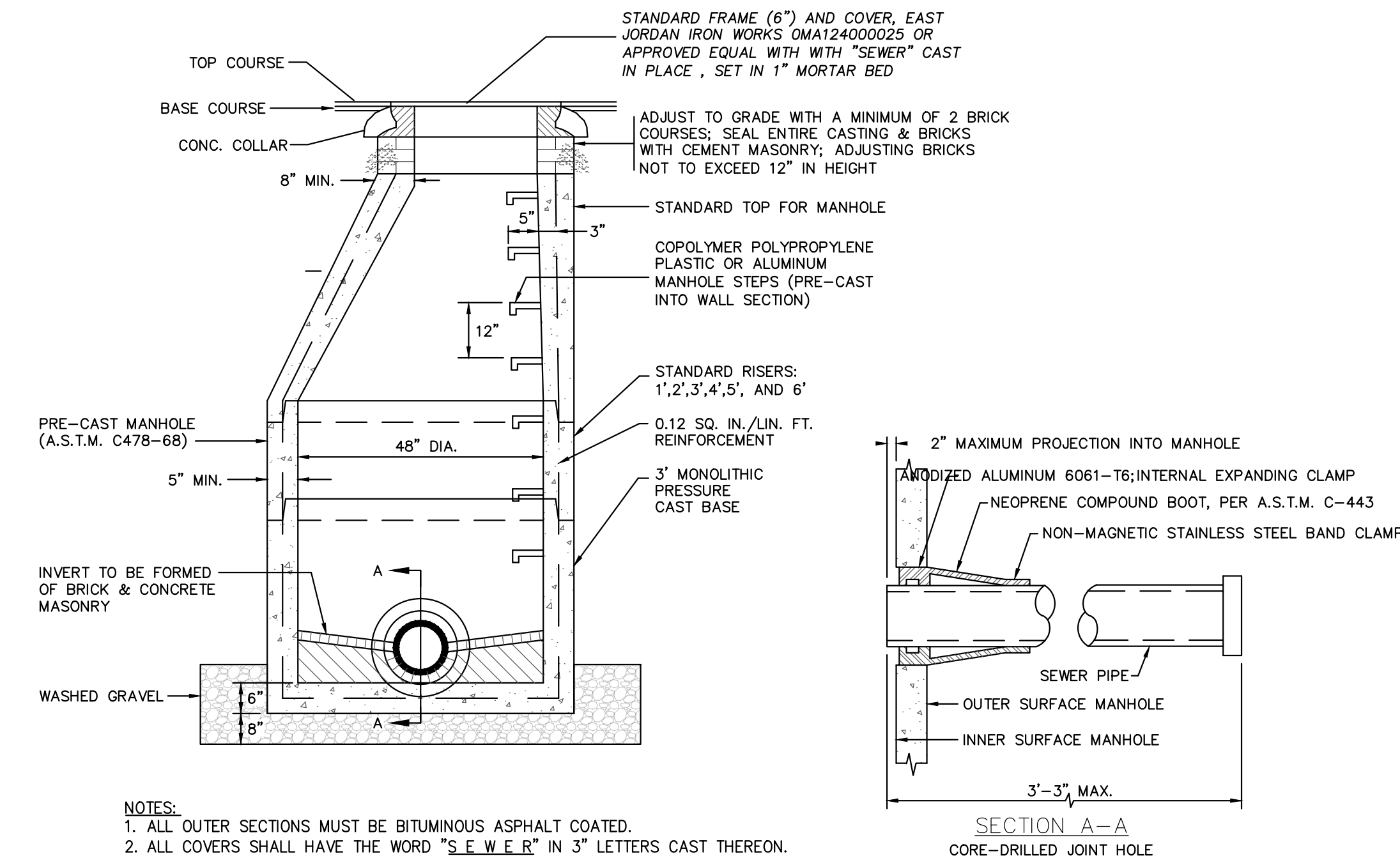
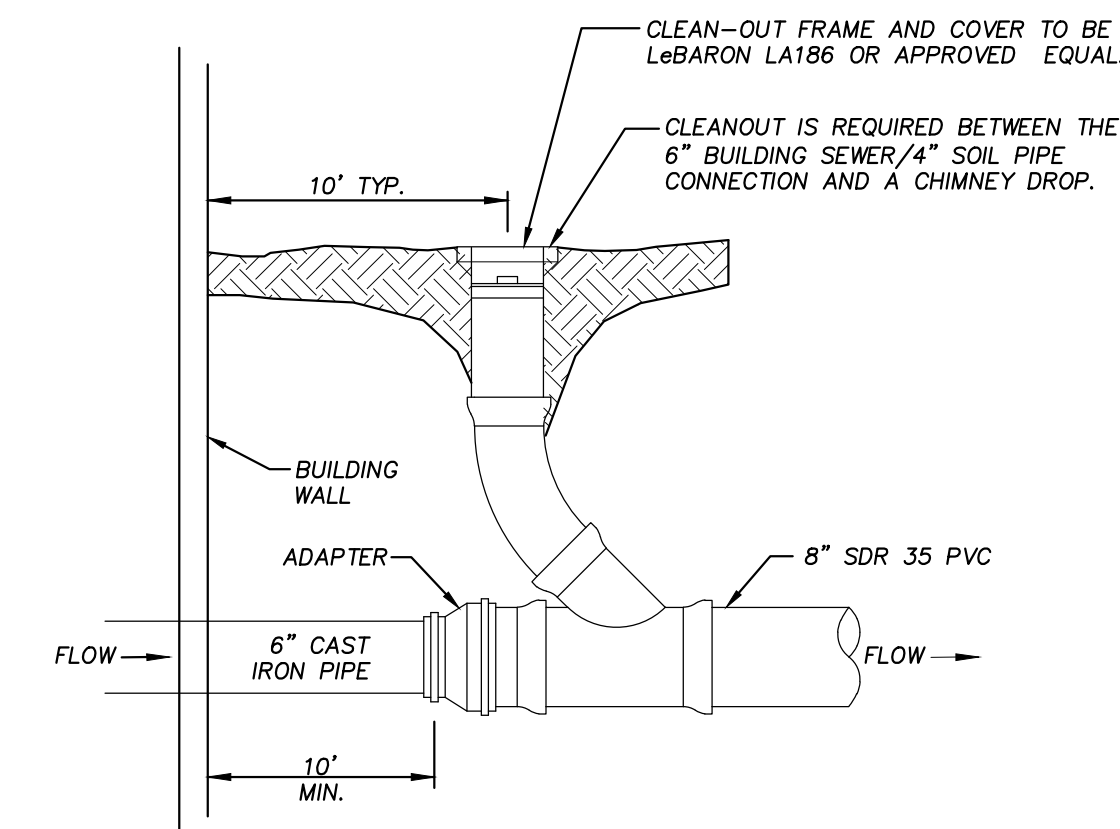
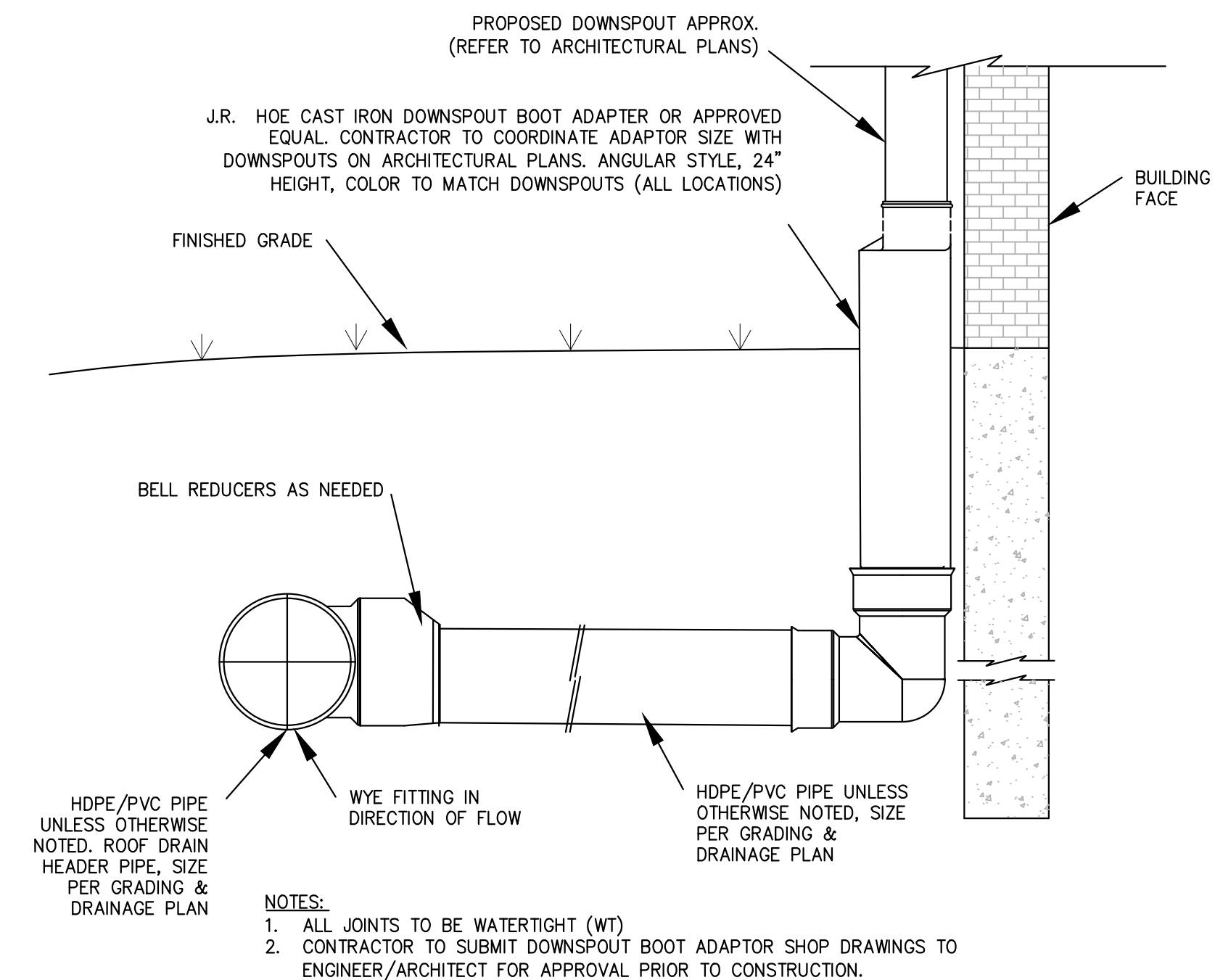
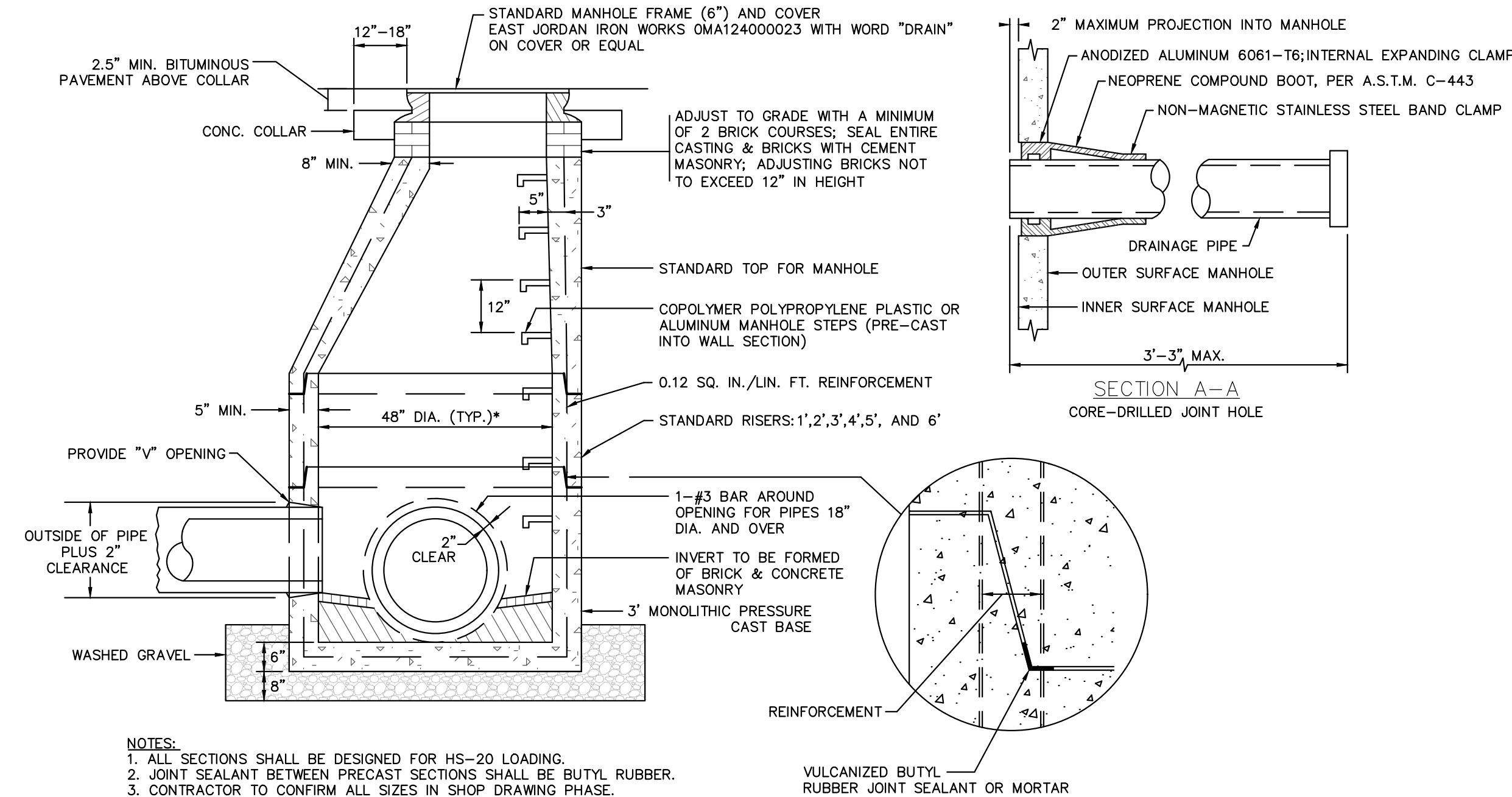
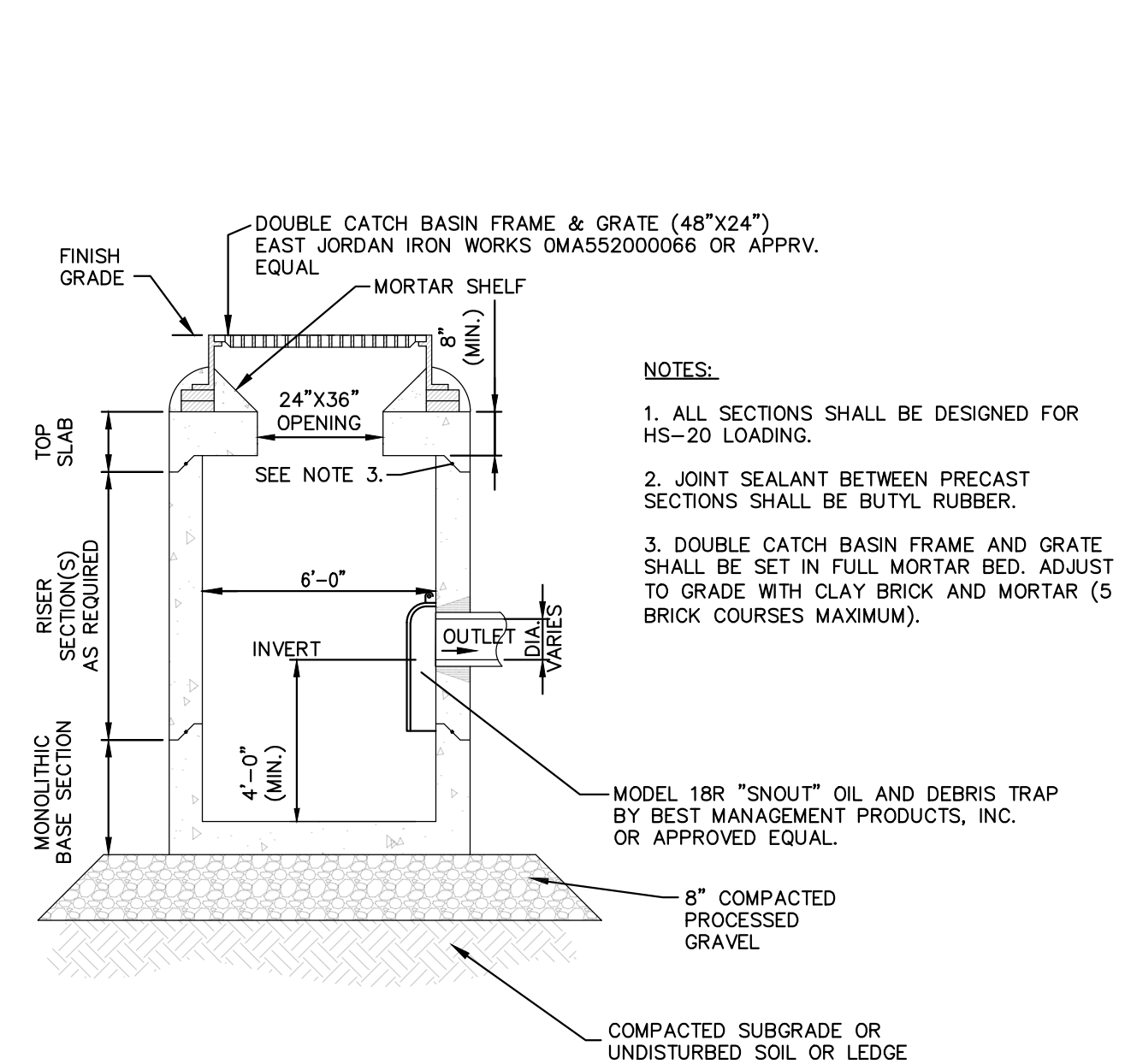
No.	Submital / Revision	App'd. By	Date

SITE DETAILS - 2

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale:

Drawing No.:

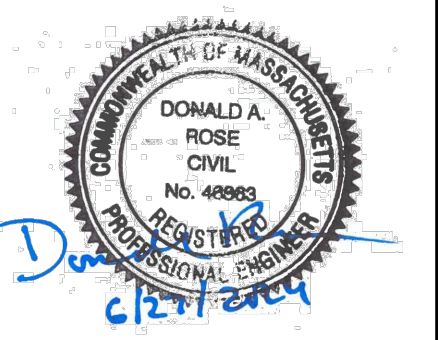
C-602



OWNER/ APPLICANT:

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VENTURES LLC

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ROAD
CORNING, NY 14830



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PROPOSED STARBUCKS DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submittal / Revision	App'd	By	Date

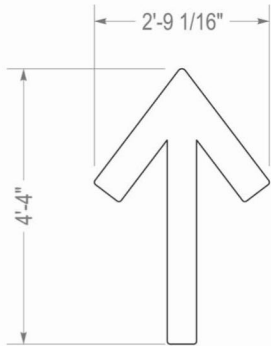
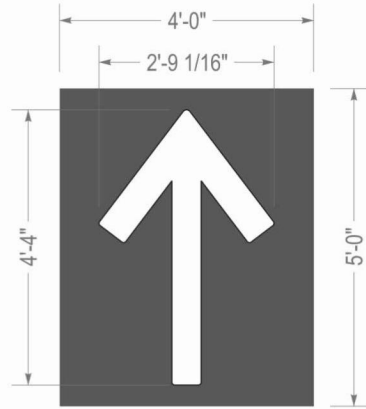
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Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale:

Drawing No.:

C-603

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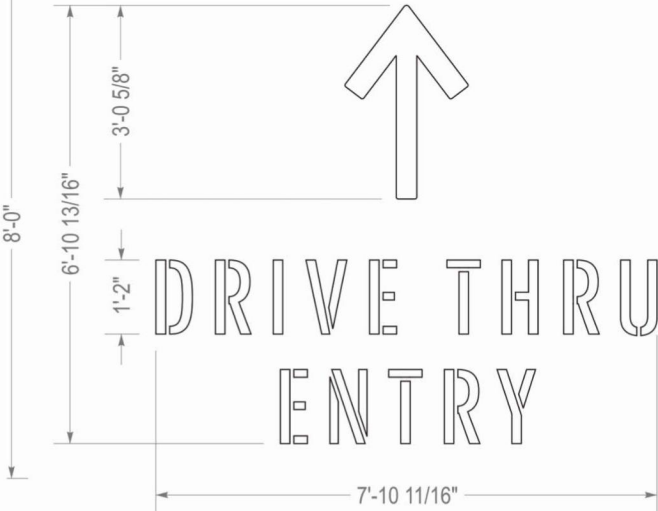
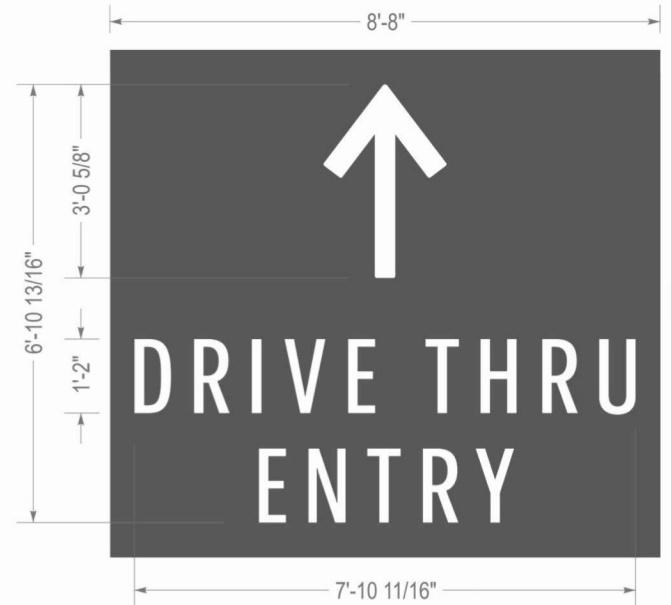
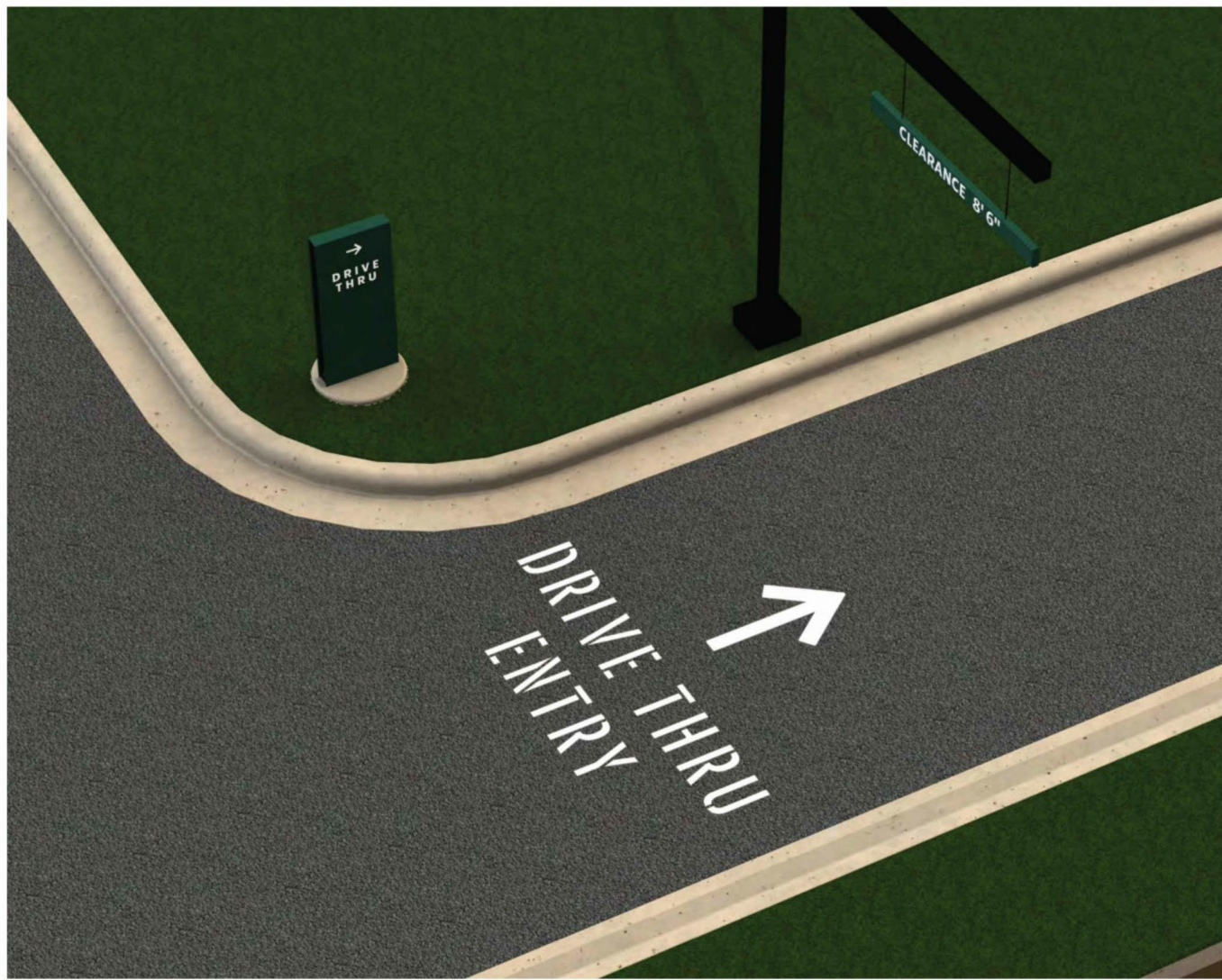
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THERMAL
THERMAL TO HAVE BLACK
BACKGROUND / WHITE COPY

STENCIL / PAINT
WHITE COPY PAINTED
ONTO BLACKTOP

Ground Graphics are to be either Thermal applied or stenciled and painted white.

THERMAL OR STENCIL WAYFINDING GROUND GRAPHICS - ARROW



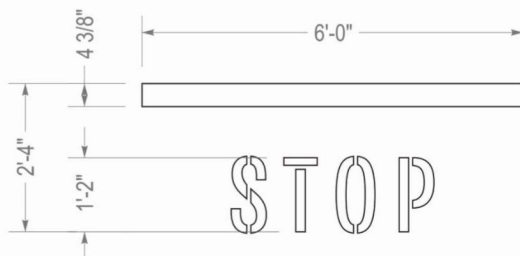
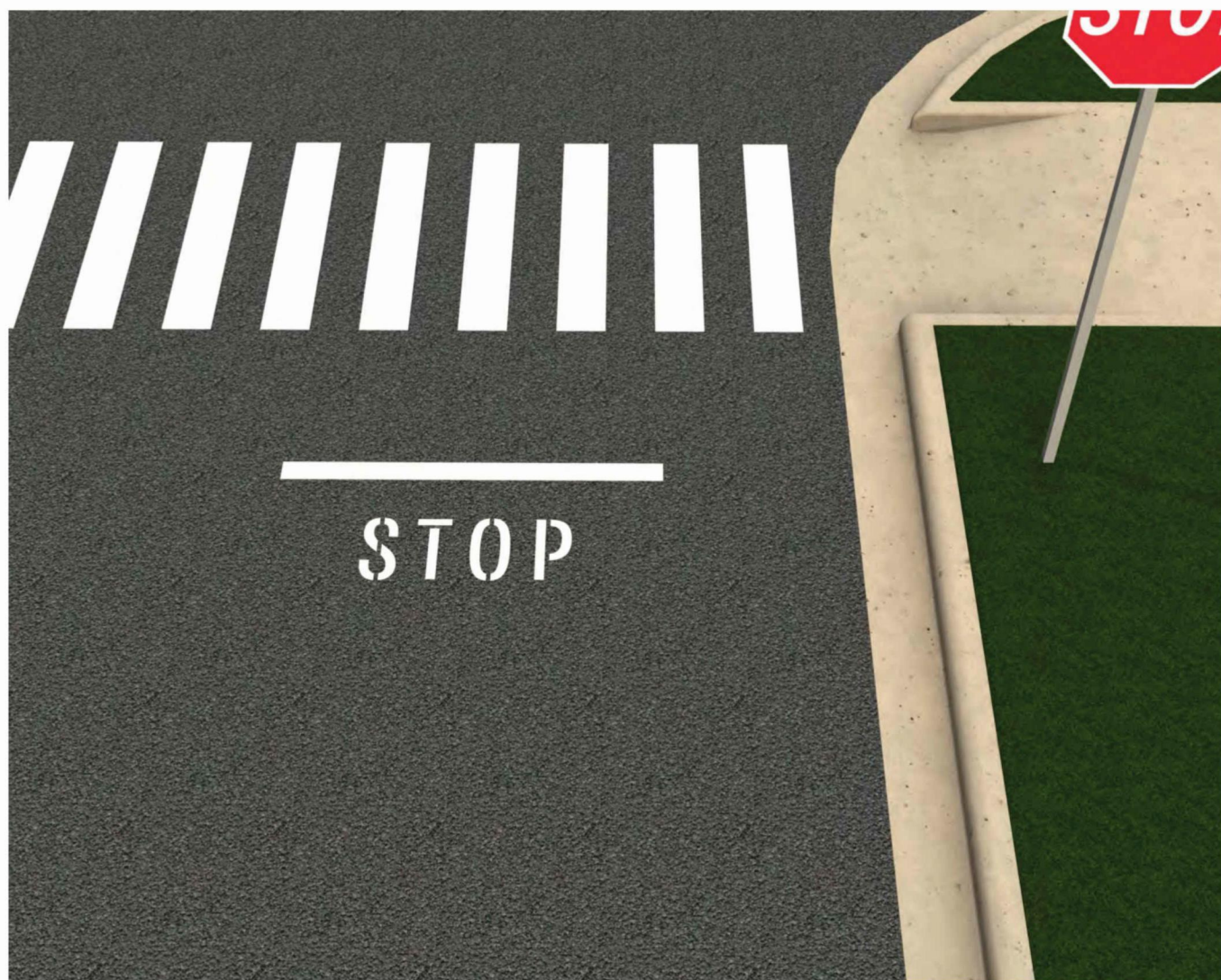
Scale: 3/8" = 1'-0"

THERMAL
THERMAL TO HAVE BLACK
BACKGROUND / WHITE COPY

STENCIL / PAINT
WHITE COPY PAINTED
ONTO BLACKTOP

Ground Graphics are to be either Thermal applied or stenciled and painted white.

THERMAL OR STENCIL WAYFINDING GROUND GRAPHICS - DRIVE THRU ENTRY



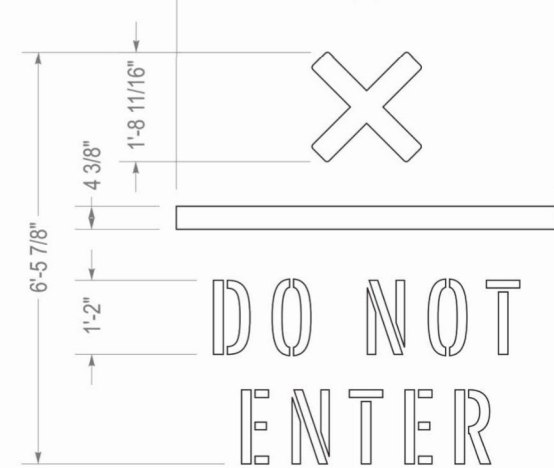
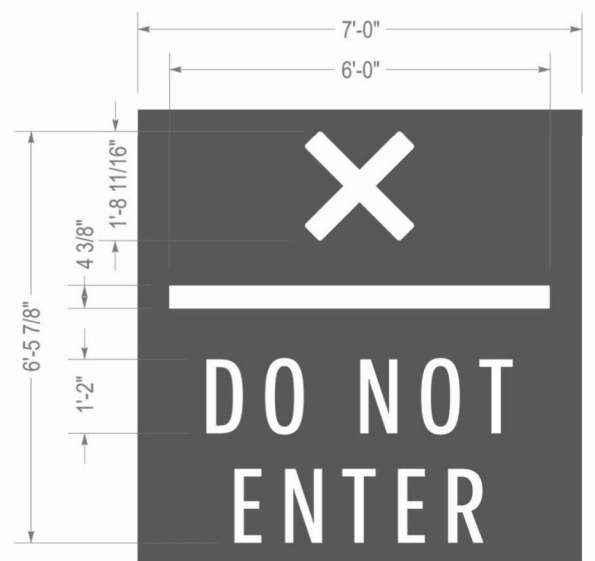
Scale: 3/8" = 1'-0"

THERMAL
THERMAL TO HAVE BLACK
BACKGROUND / WHITE COPY

STENCIL / PAINT
WHITE COPY PAINTED
ONTO BLACKTOP

Ground Graphics are to be either Thermal applied or stenciled and painted white.

THERMAL OR STENCIL GROUND WAYFINDING GRAPHICS - STOP



Scale: 3/8" = 1'-0"

THERMAL
THERMAL TO HAVE BLACK
BACKGROUND / WHITE COPY

STENCIL / PAINT
WHITE COPY PAINTED
ONTO BLACKTOP

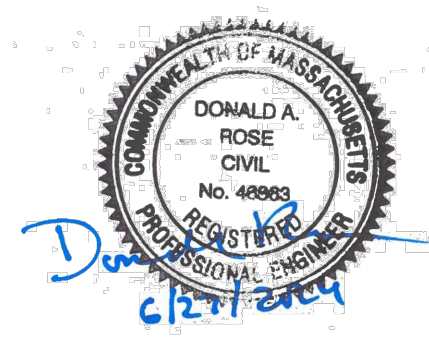
Ground Graphics are to be either Thermal applied or stenciled and painted white.

THERMAL OR STENCIL WAYFINDING GROUND GRAPHICS - DO NOT ENTER - DRIVE THRU

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PROPOSED
STARBUCKS
DRIVE-THRU

37 CLARK'S ROAD
AMESBURY, MA
01913

No.	Submittal / Revision	App'd. By	By	Date

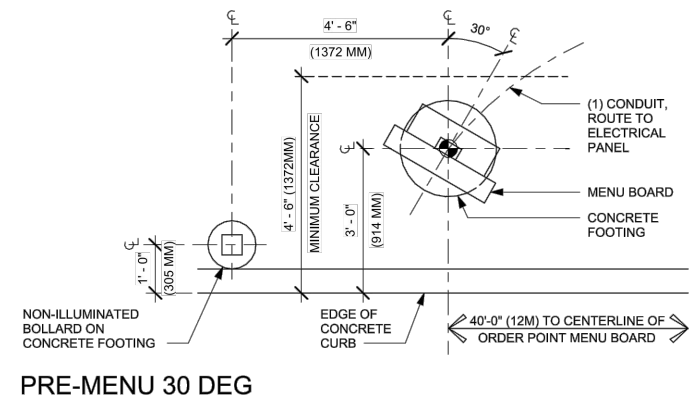
SITE DETAILS - 4

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale:

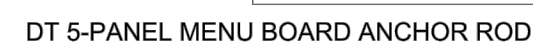
Drawing No.:

C-604

- Colors:
- | | |
|---|-------------------------------------|
| | Painted Pantone #560 (satin finish) |
|  | 3M Opaque Block Out Vinyl |

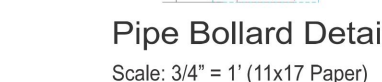


PRE-MENU 30 DEG



1. THE INTERIOR WALL SURFACES OF THE TRASH ENCLOSURE ARE TO BE SMOOTH, SEALED AND WASHABLE. APPLY ONE COAT EPOXY FLEXSEALER AND ONE COAT GLOSS POLYURETHANE.
2. RUNNING BOARD INTEGRAL CMU COLOR OR CMU PAINTED TO MATCH BUILDING FINISH - SPLIT FACE CMU. SEE MASONRY SPECIFICATIONS.
3. EXTERIOR OF TRASH ENCLOSURE SHOULD MATCH ADJACENT BUILDING FINISHES. ADDITIONAL FINISH OPTIONS: STAINLESS STEEL CLADDING AND METAL. MAY BE USED, AS LONG AS THE MINIMUM SIZES AND ORIENTATION REMAIN CONSISTENT.
4. MINIMUM CLEAR SPACE OF TRASH ENCLOSURE TO BE 16'-0" WIDE X 9'-0" DEEP X 7'-0" HIGH. WITH SPACE INSIDE THE ENCLOSURE TO ACCOMMODATE 400 (FOUR) CUBIC YARD TRASH CONTAINERS. TWO (2) 6' CUBIC YARD TRASH CONTAINERS AND TWO (2) SIXTY-FOUR (64) GALLON CONTAINERS FOR COMPOSTING MATERIALS.
5. PROVIDE A LOCKABLE HOSE BIB WITHIN THE TRASH AND RECYCLING AREA. IF THE TRASH ENCLOSURE IS CLOSER THAN 7'-0" FROM A MAIN REAR ACCESS DOOR, TENNANT CAN USE HOSE BIB ADJACENT TO DOOR.
6. VERIFY TRASH REQUIREMENTS WITH LOCAL JURISDICTION.

MOP BOLLARD COVER
SBC-#



COLOR LEGEND		
	PMS/PANT	VMFL
	PMS 3425 C	3M 3630-76
	RAL 7021M	3M 3630-22
	PMS WHITE	3M 3636-20/ 7725-10 TRANSLUCENT OFFWHITE
	PMS 369 C	NA
	REFL. WHITE	3M 690-10



HME®

VDL100
Vehicle Detector Loop

INSTALLATION INSTRUCTIONS

The following instructions are for installation of the HME VDL100 Vehicle Detector Loop in a single drive-thru traffic lane, for vehicle detector use with any HME drive-thru communication system. The loop should be installed prior to pouring concrete for paving the lane, and therefore requires coordination with the paving contractor. Pay careful attention to the illustrations on the back of this page, especially regarding loop dimensions and the depth and position of its installation.

A loop must always be installed at the speaker post or menu board. If you received two loops, the second loop should typically be installed at the service window. If you received three loops, the third loop should typically be installed at the cashier window. Locations of the second and third loops may vary depending on specific requirements.

NOTE: In some cases the distance from the loop to where the conduit exits the ground into the speaker post cabinet may exceed three feet. In such cases, an additional ½ inch (12.7 mm) PVC pipe will be required (not provided).

LOOP AREA PREPARATION (Refer to Figure 1)

- The loop should begin 12 to 18 inches (305 – 457 mm) out from the curb.
- The forward edge of the loop should be lined up with the midpoint of the menu board, speaker post or drive-thru window.
- A 3 foot (914 mm) perimeter, free from rebar, wire screen, reinforcing bars, electrical cable or metal objects should be provided. Any metal nearby disturbs the loop's magnetic field, thus reducing the field in which detection takes place. Electrical cables near the loop can possibly cause false impulses to the magnetic field generated by the loop, causing erratic operation of the detector.

TOOLS/MATERIALS REQUIRED

Shovel; hacksaw; tape measure; wood supports; securing wire; PVC adhesive & brush

PARTS LIST

- Prefab (folded) loop, 1.5 feet (.46 meter) x 5 feet (1.52 meter) 1 ea
- Coupling for ½ inch (12.7 mm) PVC tubing 1 ea
- 90 degree elbow for ½ inch (12.7 mm) PVC tubing 1 ea
- ½ inch (12.7 mm) PVC tubing, 2 feet (.61 meter) long 1 ea
- ½ inch (12.7 mm) PVC tubing, 3 feet (.91 meter) long 1 ea

PROCEDURE

- Check the contents of this package against the parts list. If any item is missing, contact your HME sales representative.
- Remove the elbow coupling, Figure 2 (6), from the cable. The cable was threaded through the coupling for shipping only.
- Assemble the loop as instructed on the back of this page.
- Measure the distance from the curb to the outlet of the conduit that comes from the building into the speaker post or menu board to determine if the enclosed 3 foot (.91 meter) PVC loop extension reaches from the loop to the conduit as shown in Figure 2 (4). If it does, proceed to the next paragraph. If not, substitute a longer piece of ½ inch (12.7 mm) PVC pipe (not provided). Measure and cut the pipe to reach from the loop to the point where it must exit the ground into the speaker post.

HME ELECTRONICS, INC. 14110 Stowe Drive, Poway, CA 92064 USA • Phone: 1-800-848-4468 Fax: (858) 552-0172
HME# 400G120
Rev C 4/4/07

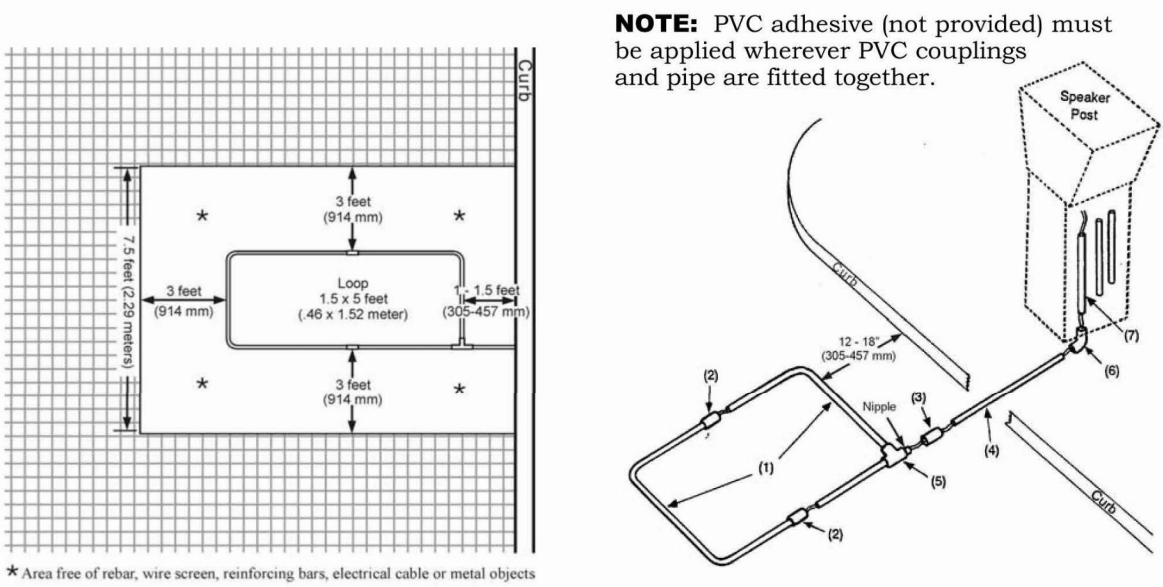


Figure 1. Loop area preparation

- Flatten the loop (folded for shipping) as shown in Figure 2 (1). Fit the pipe securely into the couplings (2). Lay the loop flat in the drive-thru lane and position it as shown in Figure 2. Elevate the loop on supports that are anchored to the ground, as shown in Figure 3. Level the loop so it will be 2 inches (51 mm) or less from the paved surface when the concrete is poured. Fasten the loop to the supports with wire, so it will not float when the concrete is poured.
- Pull the loop wires through the PVC loop extension (4). Slide one end of the sleeve coupling (3) over the nipple on the corner fitting of the loop (5), and slide the end of the loop extension into the other end of the sleeve coupling.
- Pull the loop wires through the elbow coupling (6) and the remaining 2 foot (.61 meter) piece of PVC (7). Slide the two ends (of 4 & 7) into the coupling (6), positioning the piece of PVC (7) so it points upward, out of the ground. Be certain it is next to and parallel to the outlets of the conduit coming into the speaker post or menu board from the building.

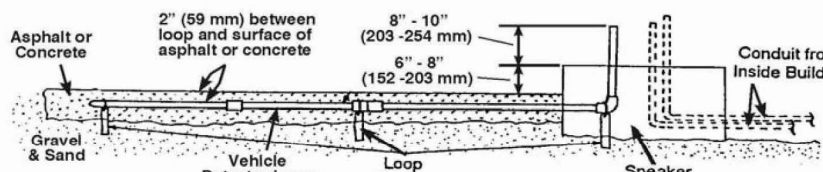


Figure 3. Side view of loop in asphalt or concrete

Waste Electrical and Electronic Equipment (WEEE)

The European Union (EU) WEEE Directive (2002/96/EC) places an obligation on producers (manufacturers, distributors and/or retailers) to take-back electronic products at the end of their useful life. The WEEE Directive covers most HME products being sold into the EU as of August 13, 2005. Manufacturers, distributors and retailers are obliged to finance the costs of recovery from municipal collection points, reuse, and recycling of specified percentages per the WEEE requirements.

Instructions for Disposal of WEEE by Users in the European Union

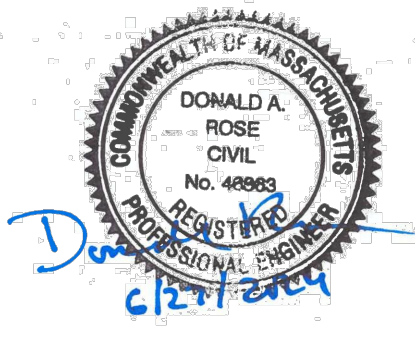
The symbol shown below is on the product or on its packaging which indicates that this product was put on the market after August 13, 2005 and must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of the user's waste equipment by handing it over to a designated collection point for the recycling of WEEE. The separate collection and recycling of waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local authority, your household waste disposal service or the seller from whom you purchased the product.



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No.	Submitted / Revision	App'd.	By	Date

SITE DETAILS - 6

Designed By: DR	Drawn By: JAS	Checked By: DR
Issue Date: 06/27/2024	Project No: 081088	Scale:

Drawing No.:

C-606