

# PROPOSED SITE PLAN DOCUMENTS

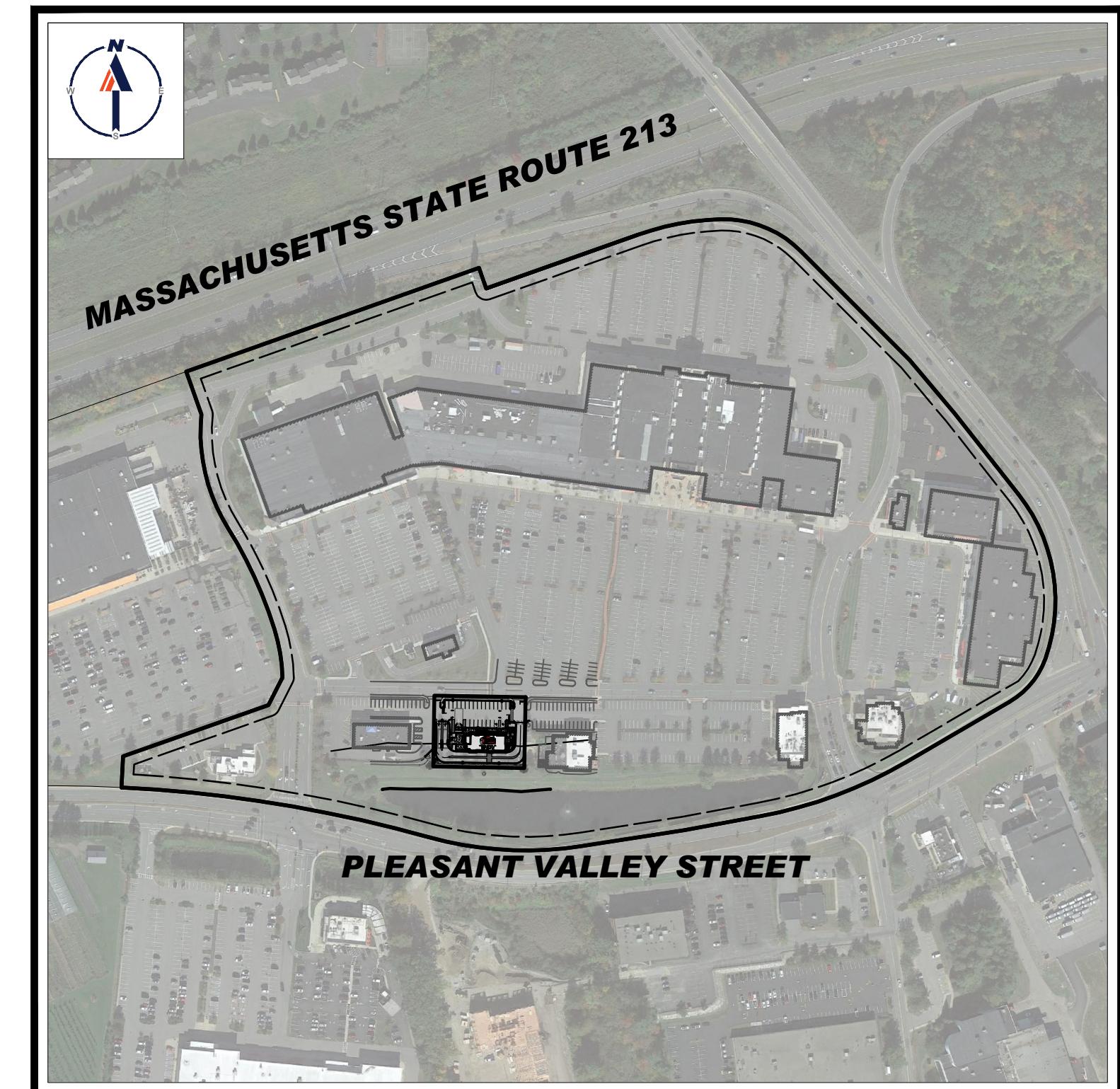
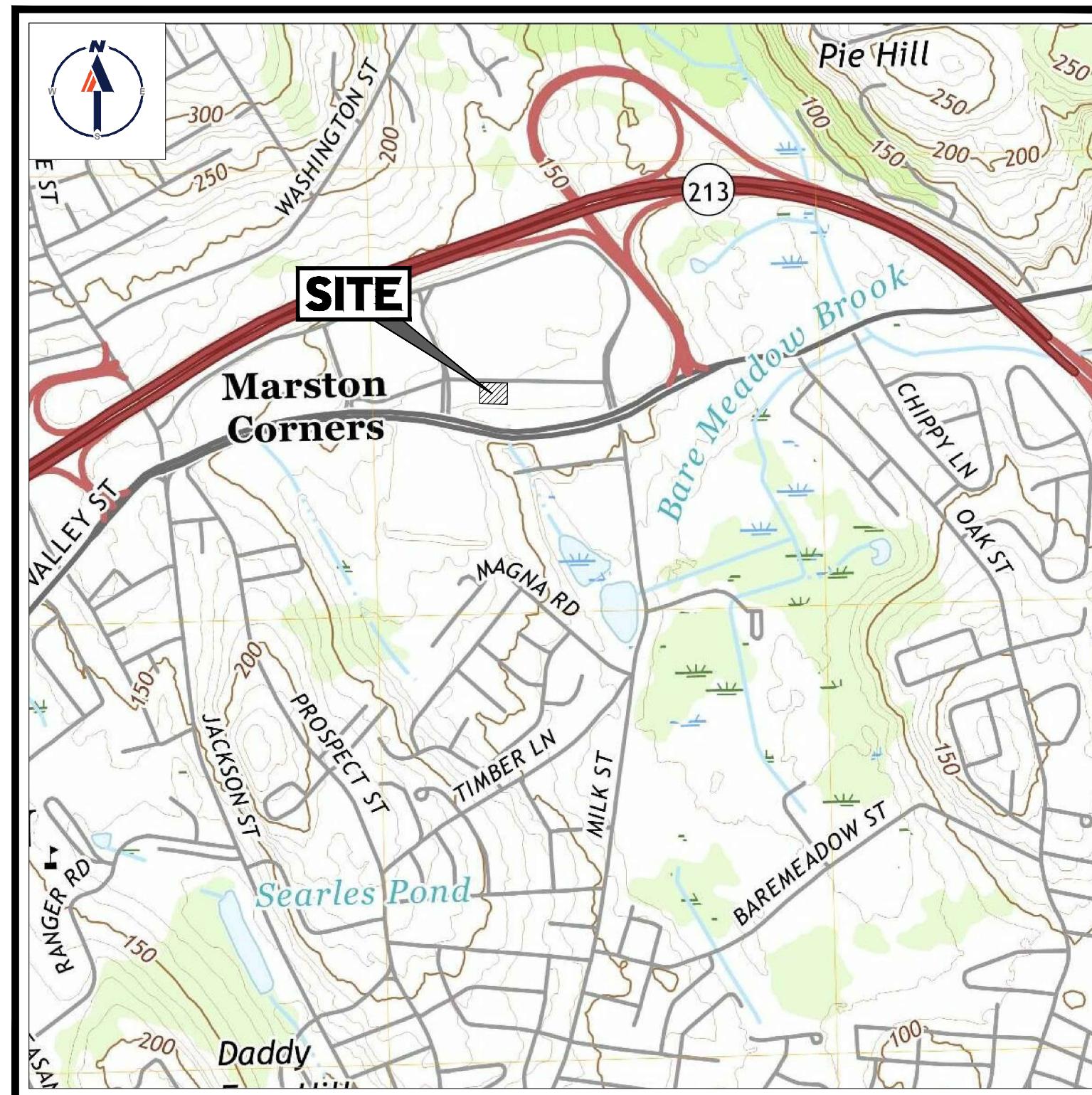
FOR



## PROPOSED RESTAURANT W/ DRIVE-THRU

### LOCATION OF SITE:

90 PLEASANT VALLEY STREET, CITY OF METHUEN  
ESSEX COUNTY, MASSACHUSETTS  
MAP #910, BLOCK #79, LOT #1



PREPARED BY

**BOHLER //**



Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

STORE:  
RAISING CANE'S RESTAURANT  
90 PLEASANT VALLEY STREET  
UNIT 31  
METHUEN, MA  
Prototype P4E-AV  
RESTAURANT #RC0907

DESIGNERS INFORMATION:

**BOHLER //**  
352 TURNPIKE ROAD  
SOUTHBOROUGH, MA 01772  
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PROTOTYPE UPDATE PHASE:

UPDATE ISSUE DATE:

PROJECT MANAGER: **BPB**

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### PERMIT ISSUE

PROFESSIONAL OF RECORD:

**J. A. KUCICH**  
John A. Kucich, PE  
CIVIL ENGINEER  
PROFESSIONAL ENGINEER  
MASSACHUSETTS LICENSE #1530  
NEW HAMPSHIRE LICENSE #15476  
CONTRACTOR LICENSE #3616  
RHODE ISLAND LICENSE #3616  
MAINE LICENSE NO. 12553

SHEET REVISIONS: (Sheet Specific per Designer)

DATE: DESCRIPTION:

### COVER SHEET

DATE: 04/05/2022  
PROJECT NUMBER: W211254

DRAWN BY: EGP

SHEET NUMBER: **C-101**

## GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL SUBCONTRACTORS FULLY AND COMPLETELY CONFORM TO AND COMPLY WITH THESE REQUIREMENTS.

1. THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN:
  - BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY\*, PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED 12/28/21, REVISED THRU 02/04/22.

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST VERIFY THAT HE/SHE HAS THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE. THIS IS CONTRACTOR'S RESPONSIBILITY.

2. ALL ACCESSIBLE (AKA ADA) PARKING SPACES MUST BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 12101 et seq. AND 24 U.S.C. § 4151 et seq.) OR THE REQUIREMENTS OF THE JURISDICTION WHERE THE PROJECT IS LOCATED, AND ANY AND ALL AMENDMENTS TO BOTH WHICH ARE IN EFFECT WHEN THESE PLANS ARE COMPLETED.

3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED, NO CONSTRUCTION OR FABRICATION SHALL BE UNDERTAKEN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS RECEIVED AND APPROVED BY THE PERMITTING AUTHORITIES AND CONFIRMED THAT ALL NECESSARY OR REQUIRED PERMITS HAVE BEEN OBTAINED. CONTRACTOR MUST HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.

4. THE OWNER/CONTRACTOR MUST BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

5. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND CONDITIONS OF APPROVAL, AND ALL APPLICABLE REQUIREMENTS, RULES, REGULATIONS, STATUTORY REQUIREMENTS, CODES, LAWS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES WITH JURISDICTION OVER THIS PROJECT.

6. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH HEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT, DISCREPANCY OR AMBIGUITY, THE MORE STRINGENT REQUIREMENTS AND/OR RECOMMENDATIONS CONTAINED IN THE PLANS AND THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR MUST NOTIFY THE ENGINEER, IN WRITING, OF ANY SUCH CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER WORK.

7. THESE PLANS ARE BASED ON INFORMATION PROVIDED TO BOHLER ENGINEERING BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. CONTRACTOR MUST VERIFY EXISTING CONDITIONS AND NOTIFY BOHLER ENGINEERING, IN WRITING, IMMEDIATELY IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS FOR ANY REASON, INCLUDING CONFLICTS WITH ANY OTHER SITE FEATURES.

8. ALL DIMENSIONS SHOWN ON THE PLANS ARE IN FEET, VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR MUST NOTIFY THE ENGINEER, IN WRITING, IF ANY CONFLICTS, DISCREPANCIES OR AMBIGUITIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR WORK WHICH HAS TO BE REDONE OR REPAIRED DUE TO DIMENSIONS OR GRADINGS SHOWN INCORRECTLY ON THESE PLANS PRIOR TO CONTRACTOR GIVING ENGINEER WRITTEN NOTIFICATION OF SAME AND ENGINEER, THEREAFTER, PROVIDING CONTRACTOR WITH WRITTEN AUTHORIZATION TO PROCEED WITH SUCH ADDITIONAL WORK.

9. WATER SERVICE MATERIALS, CURB, CEMENT, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE MUST INCLUDE ALL FEES, COSTS AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE FULL AND COMPLETE WORKING SERVICE. CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT, PRIOR TO COMMENCING CONSTRUCTION.

10. CONTRACTOR MUST REFER TO THE ARCHITECTURAL BUILDING PLANS "RECORD" FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILIZATION LOCATIONS.

11. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST COORDINATE THE BUILDING LAYOUT BY CAREFUL REVIEW OF THE ENTIRE SITE PLAN AND THE LATEST ARCHITECTURAL PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE APPLICABLE). CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER, IN WRITING, OF ANY CONFLICTS, DISCREPANCIES OR AMBIGUITIES WHICH EXIST.

12. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOIL WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL GOVERNMENTAL AUTHORITIES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER CONTRACTOR.

13. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED DURING EXCAVATION (TO PERFORM IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT, EXISTING STRUCTURES AND RELATED FEATURES.

14. THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVED STRUCTURES, ETC. WHICH ARE TO REMAIN OR FOR AN INITIAL PERIOD OF THE PROJECT OR AS PART OF THE FINAL CONDITION. CONTRACTOR IS RESPONSIBLE FOR TAKING ALL APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, UTILITIES, BUILDINGS, AND INFRASTRUCTURE WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA FOR THIRD PARTIES, PEDESTRIANS AND ANYONE INVOLVED WITH THE PROJECT.

15. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPPING, CURB, ETC. AND SHALL BEAR ALL COSTS ASSOCIATED WITH SAME AT A MINIMUM, COMPLY WITH THE STATE DOT REQUIREMENTS AND SPECIFICATIONS AND CONSULTANT SHALL HAVE NO LIABILITY OR RESPONSIBILITY FOR OR AS RELATED TO FILL, COMPACTATION AND BACKFILL. FURTHER, CONTRACTOR IS FULLY RESPONSIBLE FOR EARTHWORK BALANCE.

16. THE CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES. BACKFILL MUST BE ACCOMPLISHED WITH APPROVED BACKFILL MATERIALS, AND MUST BE SUFICIENTLY COMPACTED TO SUPPORT NEW IMPROVEMENTS AND PERFORMED IN COMPLIANCE WITH THE RECOMMENDATIONS AND GUIDANCE IN THE GEOTECHNICAL REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES, AND MUST BE DONE SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE.

17. EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND ALL APPLICABLE GOVERNMENTAL AUTHORITIES. ALL THE REQUIRED PERMITS AND EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL STATE, AND LOCAL GOVERNMENTS MUST BE IN PLACE PRIOR TO CONTRACTOR STARTING AN EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES.

18. CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FHWA "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND THE FEDERAL STATE, AND LOCAL REGULATIONS WHEN DEMOLITION RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY RIGHT-OF-WAY.

19. CONTRACTOR MUST CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND OTHER ADJACENT FACILITIES. STREET CLOSEOUT PERMITS MUST BE RECEIVED FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WAY.

20. DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE, WITHOUT WRITTEN PERMISSION OF THE OWNER AND ALL GOVERNMENTAL AGENCIES WITH JURISDICTION.

21. THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION.

22. CONTRACTOR IS RESPONSIBLE TO SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME.

23. CONTRACTOR IS RESPONSIBLE FOR SITE JOB SAFETY, WHICH MUST INCLUDE, BUT NOT BE LIMITED TO, THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING AND OTHER APPROPRIATE SAFETY ITEMS NECESSARY TO PROTECT THE PUBLIC FROM PUBLIC AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITY.

24. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION AS TO THE MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED TO ACCOMPLISH THAT WORK. ALL MEANS, METHODS, SEQUENCING, TECHNIQUES AND PROCEDURES TO BE USED MUST BE IN STRICT ACCORDANCE WITH ALL STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS.

25. THE CONTRACTOR MUST USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS.

26. CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS UPON WHICH IS INDICATED THE LOCATION OF EXISTING UTILITIES THAT ARE CAPED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER, AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK.

27. WHERE RETAINING WALLS (WHETHER OR NOT THEY MEET THE JURISDICTIONAL DEFINITION) ARE IDENTIFIED ON PLANS, ELEVATIONS IDENTIFIED ARE FOR THE EXPOSED PORTION OF THE WALL. WALL FOOTINGS/FOUNDATION ELEVATIONS ARE NOT IDENTIFIED HEREIN AND ARE TO BE SET/DETERMINED BY THE CONTRACTOR BASED ON FINAL STRUCTURAL DESIGN DRAWINGS PROVIDED BY THE APPROPRIATE PROFESSIONAL LICENSED IN THE STATE WHERE THE CONSTRUCTION OCCURS.

28. STORM DRAINAGE PIPE-UNLESS INDICATED OTHERWISE, ALL STORM SEWER PIPE MUST BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SILT TIGHT JOINTS. WHEN HIGH-DENSITY POLYETHYLENE PIPE (HDPE) IS CALLED FOR ON THE PLANS, IT MUST CONFORM TO AASHTO M264 AND TYPE S (SMOOTH INTERIOR WITH ANGULAR CORRUGATIONS) WITH GASKET FOR SILT TIGHT JOINT. PVC PIPE FOR ROOT DRAIN CONNECTION MUST BE SDR 26 OR SCHEDULE 40 UNLESS INDICATED OTHERWISE.

29. UNLESS INDICATED OTHERWISE ON THE DRAWINGS, SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
 

- FOR PIPES LESS THAN 12 FT. DEEP, POLYVINYL CHLORIDE (PVC) SDR 35 PER ASTM D304
- FOR PIPES MORE THAN 12 FT. DEEP, POLYVINYL CHLORIDE (PVC) SDR 35 PER ASTM D304

30. STORM AND SANITARY SEWER PIPE LENGTHS INDICATED ARE NOMINAL AND MEASURED CENTER OF INLET AND MANHOLES STRUCTURE TO CENTER OF STRUCTURE.

31. SEWERS CROSSING STREAMS AND/OR LOCATION WITHIN 10 FEET OF THE STREAM EMBANKMENT, OR WHERE SITE CONDITIONS SO INDICATE, MUST BE CONSTRUCTED OF STEEL, REINFORCED CONCRETE, DUCTILE IRON OR OTHER SUITABLE MATERIAL. SEWERS CONVEYING SANITARY FLOW COMBINED SANITARY AND STORMWATER FLOW OR INDUSTRIAL FLOW MUST BE SEPARATED FROM WATER MAINS BY A DISTANCE OF AT LEAST 10 FEET. WHERE SUCH SEPARATION IS NOT POSSIBLE, THE PIPES MUST BE INSEPARABLE AND MUST BE LOCATED AT LEAST 10 INCHES BELOW THE BOTTOM OF THE WATER MAIN, OR SUCH OTHER SEPARATION APPROVED BY THE GOVERNMENT AGENCY WITH JURISDICTION OVER SAME.

32. WHERE APPROPRIATE SEPARATION FROM A WATER MAIN IS NOT POSSIBLE, THE SEWER MUST BE ENCASED IN CONCRETE, OR CONSTRUCTED OF DUCTILE IRON PIPE USING MECHANICAL OR SLIP-ON JOINTS FOR A DISTANCE OF AT LEAST 10 FEET ON EITHER SIDE OF THE CROSSING. IN ADDITION, ONE FULL LENGTH OF SEWER PIPE SHOULD BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE WATER LINE AS POSSIBLE. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER MUST BE PROVIDED.

33. PARKING SPACES AND PARKING AISLES - SLOPE SHALL NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.

34. CURB RAMPS - SLOPE MUST NOT EXCEED 1:12 (8.3%) FOR A MAXIMUM OF SIX (6) FEET.

35. LANDINGS - MUST BE PROVIDED AT EACH END OF RAMPS, MUST PROVIDE POSITIVE DRAINAGE, AND MUST NOT EXCEED 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) IN ANY DIRECTION.

36. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE - MUST PROVIDE A 3-INCH OR GREATER UNSTRUCTURED WIDTH OF TRAVEL (CAR OVERhangs AND HANDBARS CAN NOT EXCEED 1/2 INCH) FOR PERSONS WITH DISABILITIES. THE PATH OF TRAVEL MUST BE FREE OF OBSTACLES AND HAZARDS. THE PATH OF TRAVEL MUST NOT EXCEED A MAXIMUM RISE OF 2.5 FEET, NOR BE GREATER THAN 1:20 (6.0%). ADA RAMPS MUST BE PROVIDED. THE RAMP MUST HAVE ADA HAND RAILS AND "LEVEL" LANDINGS ON EACH END THAT ARE CROSS SLOPED NO MORE THAN 1:50 IN ANY DIRECTION (1/4" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE.

37. DOORWAYS - MUST HAVE A LEVEL\* LANDING AREA ON THE EXTERIOR SIDE OF THE DOOR THAT IS SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (1/4" PER FOOT OR NOMINALLY 2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO LESS THAN 60 INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE PERMITTED BY ADA STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS. (SEE IC/ANSI A117-2003 AND OTHER REFERENCED INCORPORATED BY CODE.)

38. WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OR EXTENSION OF, OR TO, ADA COMPONENTS FROM EXISTING DOORWAYS OR SURFACES, CONTRACTOR MUST VERIFY EXISTING ELEVATIONS AND THE ELEVATION OF THE NEW DOORWAY OR SURFACE. THE CONTRACTOR MUST NOTIFY THE GOVERNMENT AGENCY WITH JURISDICTION OVER SAME OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS. IN WRITING, BEFORE COMMENCEMENT OF WORK, CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ADA REQUIREMENTS.

39. THE CONTRACTOR MUST VERIFY THE SLOPES OF CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. IF ANY NON-COMFORMANCE IS OBSERVED OR EXISTS, CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO POURING CONCRETE. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND REPLACE NON-COMFORMING CONCRETE.

40. IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

## GENERAL GRADING & UTILITY PLAN NOTES

1. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE INDEPENDENTLY CONFIRMED BY LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS MUST BE INDEPENDENTLY CONFIRMED BY THE CONTRACTOR IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES MUST IMMEDIATELY BE REPORTED, IN WRITING, TO THE ENGINEER. CONSTRUCTION MUST COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE DETERMINED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.

2. CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISBURSEMENT OR WORK SPACES. CONTRACTOR MUST NOT LOCATE ANY CONSTRUCTION ACTIVITIES RELATED TO CONSTRUCTION UTILITIES OR UTILITIES CONNECTION SYSTEM TO EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION, AT NO COST TO THE OWNER. CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT AND/OR DISCREPANCY BETWEEN THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE OR APPLICABLE CODES, REGULATIONS, LAWS, RULES, STATUTES AND/OR ORDINANCES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, IN WRITING, OF THE DISCREPANCY AND REQUEST THAT THE CONTRACTOR BE PROVIDED WITH A CORRECTED DOCUMENT. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER, IN WRITING, OF ANY CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.

4. THE DEMOLITION PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION ONLY, REGARDING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR MUST ALSO REVIEW THE OTHER SITE PLAN DRAWINGS AND INCLUDE IN DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS.

5. CONTRACTOR MUST RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS OR SPECIFICATIONS, CONCERNING REGARDING THE APPLICABLE SAFETY STANDARDS OR OTHER SAFETY REQUIREMENTS. THE CONTRACTOR OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT, WITH BOHLER ENGINEERING, IN WRITING, AND REQUEST BOHLER ENGINEERING, IN WRITING, FOR A CORRECTED DOCUMENT. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER, IN WRITING, OF ANY CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.

6. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE OWNER/CONTRACTOR THAT THE EXISTING UTILITIES AND SERVICES ARE NOT BEING REMOVED OR RELOCATED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER, IN WRITING, OF ANY CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.

7. THE CONTRACTOR MUST LOCATE AND CLEARLY AND UNAMBIGUOUSLY DEFINE VERTICALLY AND HORIZONTALLY ALL ACTIVE AND INACTIVE UTILITY SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND OTHER PUBLIC AGENCIES WITH JURISDICTION THROUGHOUT THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION WORK.

8. CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL CONSTRUCTION REGARDING UTILITY DEMOLITION OR RELOCATION FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.

9. THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARKOUT, IN ADVANCE OF ANY EXCAVATION.

10. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXISTING BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENT SCHEDULES, DRAIN ACCESS, ANCESTOR OR PRE-EXISTING UTILITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY SERVICE PROVIDER. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER, IN WRITING, OF ANY CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.

11. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORKING DRAWINGS FOR THE PROJECT. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY SERVICE PROVIDER. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER, IN WRITING, OF ANY CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.

12. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORKING DRAWINGS FOR THE PROJECT. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY SERVICE PROVIDER. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER, IN WRITING, OF ANY CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.

13. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORKING DRAWINGS FOR THE PROJECT. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY SERVICE PROVIDER. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE PROJECT ENGINEER, IN WRITING, OF ANY CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, ORDINANCES AND CODES.



MAP 910, BLOCK 79,  
N/F LANDS OF  
CORE FUND LO  
PROPERTY, LLC  
BK. 11081, PG. 14

APPROX LOC OF  
BLOCKBUSTER, INC. LEAS  
BK. 5656, PG. 292

$R=3100.00'$   
 $\Delta=012^{\circ}43'01''$   
 $L=688.05'$   
 $CHB=N80^{\circ}48'06''W$

**REFER TO GENERAL NOTES SHEET FOR  
DEMOLITION NOTES**

**THIS PLAN TO BE UTILIZED FOR  
DEMOLITION/ REMOVAL  
PURPOSES ONLY**

1" = 20'

The logo for Raising Caney features the brand name in a large, stylized, black, cursive font. The word 'Raising' is positioned above 'Caney', with 'Raising' being smaller and 'Caney' being the dominant part of the logo. To the right of the main text is a vertical oval containing the words 'CHICKEN FINGERS' in a bold, black, sans-serif font.

Restaurant Support Office  
10 Bishop Road, Plano, TX 75024  
727-769-3100 Fax: 972-769-3101

TYPE ISSUE DATE: -

---

NG CANE'S RESTAURANT  
PEASANT VALLEY STREET  
UNIT 31  
METHUEN, MA  
Prototype P4E-AV  
ESTAURANT #RC0907

## ERS INFORMATION:

# OHLER //

---

PERMIT ISSUE

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REVIZIONES: (Sheet Specific per Designer)

**ITEM:** **DESCRIPTION:**

# DEMOLITION PLAN

NUMBER: W211254

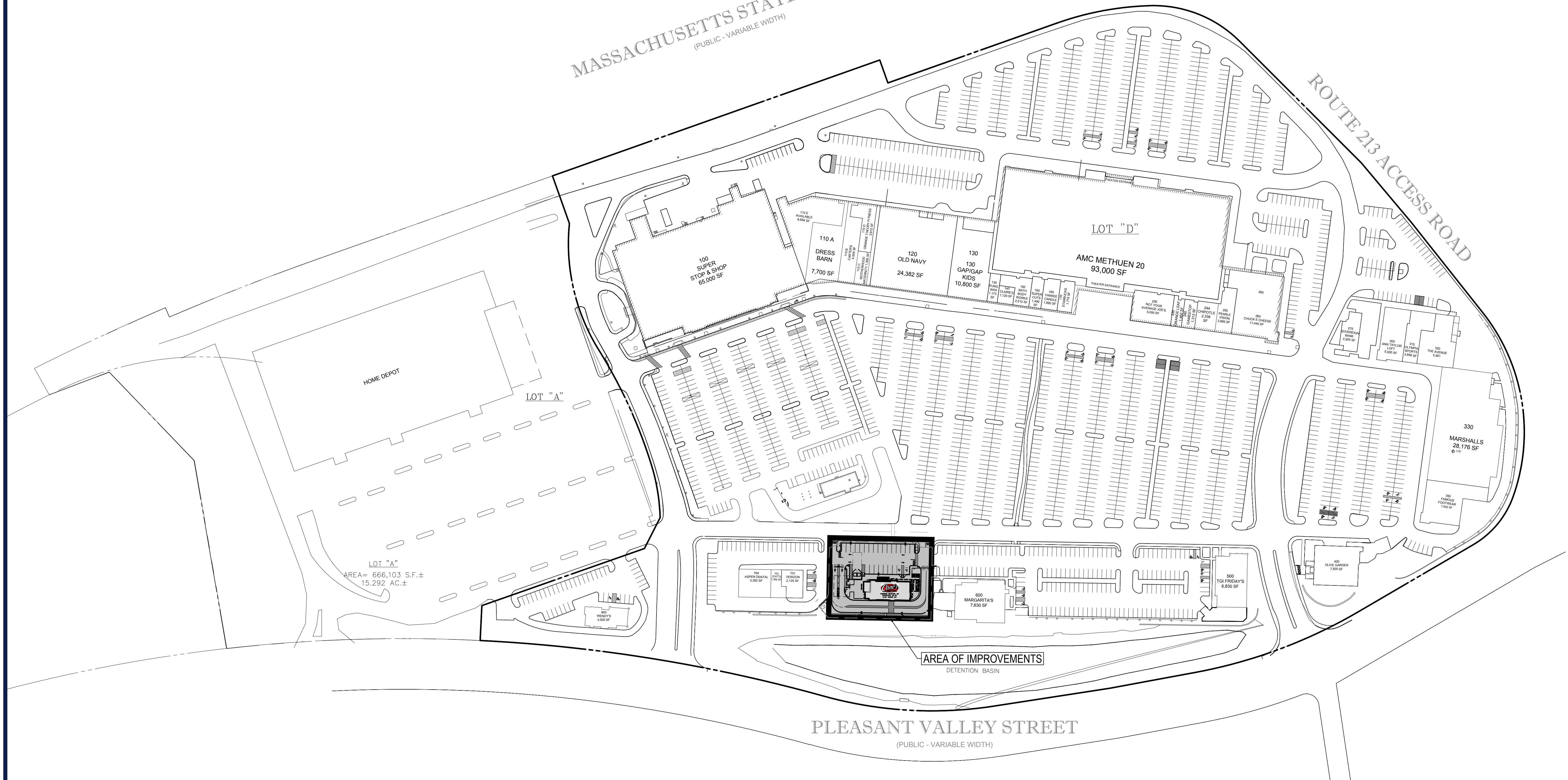
Y: EGP

NUMBER: 8 881

**C-201**



MASSACHUSETTS STATE ROUTE 213  
(PUBLIC - VARIABLE WIDTH)



# **THE PURPOSE OF THIS PLAN IS TO SHOW THE LOCATIONS OF IMPROVEMENTS WITHIN THE OVERALL PLAZA**

|                 |            |
|-----------------|------------|
| DATE:           | 04/05/2022 |
| PROJECT NUMBER: | W211254    |

NUMBER:  
**C-301**

|                  |     |
|------------------|-----|
| PE UPDATE PHASE: | -   |
| ISSUE DATE:      | -   |
| MANAGER:         | BPB |

**TITLE: *OVERALL SITE  
AYOUT PLAN***

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**04/05/2022**

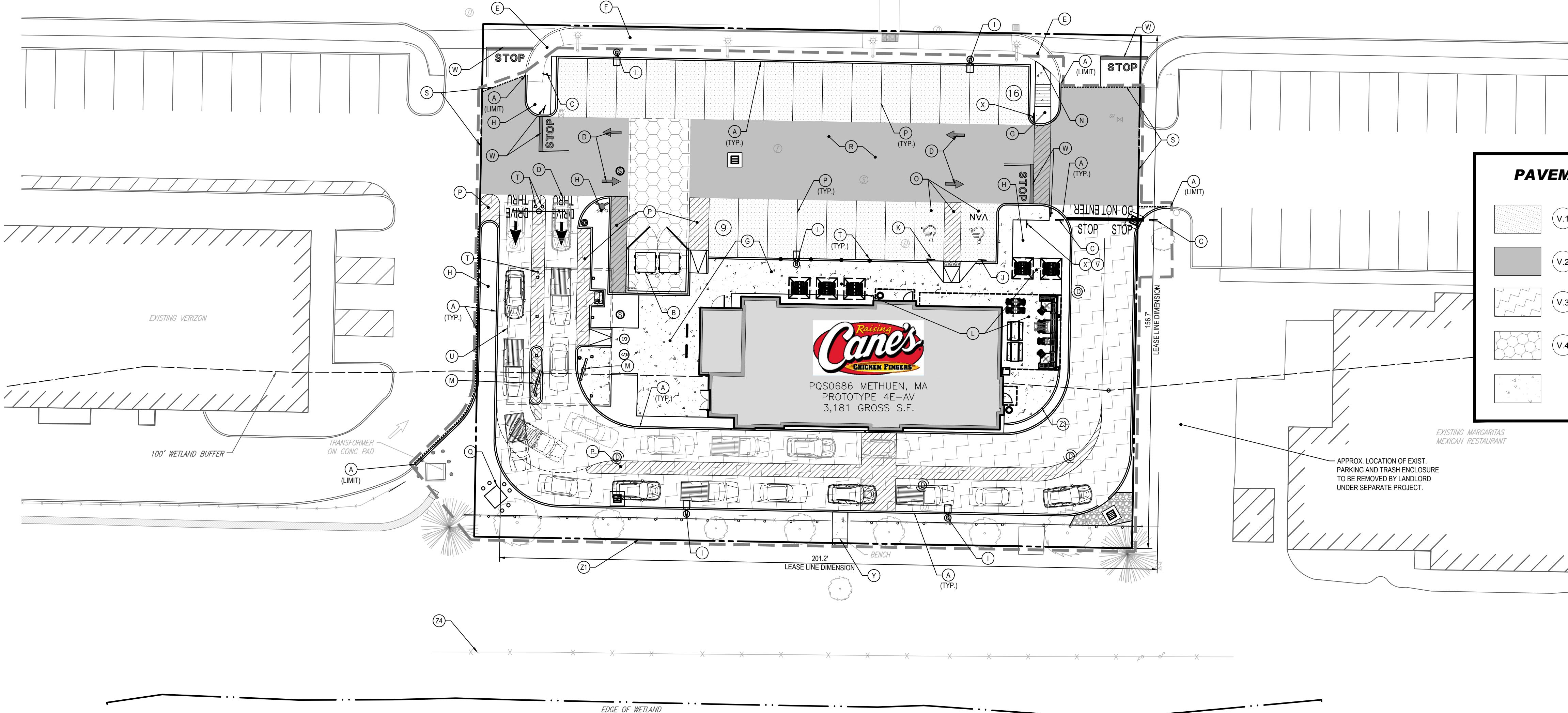
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**NUMBER: *W211254***

NUMBER: 8 881



MAP 910, BLOCK 79, LOT 1  
N.F. LANDS OF  
CORE FUND LOOP  
PROPERTY, LLC  
BK. 11081, PG. 143



PLEASANT VALLEY ST

$R=3100.00'$   
 $A=012^{\circ}43'01''$   
 $L=688.05'$   
 $CHB=N86^{\circ}48'06''W$   
 $CHD=686.64'$

$R=800.00'$   
 $A=024^{\circ}20'29''$   
 $L=339.87'$   
 $CHB=N86^{\circ}36'50''W$   
 $CHD=337.32'$

| TYPE                                      | ALLOWED                   | EXISTING | PROPOSED  |
|---|---------------------------|----------|---|
| BUILDING SIGNAGE (1)                      |                           |          |   |
| SOUTH WALL SIGNS (PLEASANT VALLEY STREET) | 533 SF MAX AGGREGATE AREA | N/A      | "RAISING CANE'S" LOGO SIGN @ 32 S.F.<br>"RAISING CANE'S" MURAL @ 140 SF |
| EAST ELEVATION                            | 533 SF MAX AGGREGATE AREA | N/A      | "RAISING CANE'S" LOGO SIGN @ 32 S.F.<br>"ONE LOVE" WORD MARK @ 17 SF    |
| NORTH WALL SIGNS (INTERNAL ACCESS ROAD)   | 533 SF MAX AGGREGATE AREA | N/A      | "RAISING CANE'S" LOGO SIGN @ 32 S.F.<br>"RED DOG" SIGN @ 32 SF          |
| WEST ELEVATION                            | 533 SF MAX AGGREGATE AREA | N/A      | "RAISING CANE'S" LOGO SIGN @ 32 S.F.                                    |
| TOTAL BUILDING SIGNAGE                    | 533 SF                    | N/A      | 317 SF  |

NOTE: ALL SIGN AREAS ARE "BOXED" FOR CALCULATIONS  
(1) MAX WALL SIGN AREA IS EQUIVALENT TO 33% AREA OF FRONT WALL AREA. (97.3'x16.6')0.33=317 SF

### SITE INFORMATION

- APPLICANT: Raising Cane's Chicken Fingers 6800 BISHOP ROAD PLANO, TX 75024
- OWNER: CORE FUND LOOP PROPERTY, LLC. C/O - CHARTER REALTY MANAGEMENT CORP. 75 HOLLOW LANE, STE. 305 GREENWICH, CT 06830
- PARCEL: MAP 910, BLOCK 79, LOT 1 90 PLEASANT VALLEY STREET CITY OF METHUEN ESSEX COUNTY, MA

### ZONING ANALYSIS TABLE

| ZONING DISTRICT  | BUSINESS HIGHWAY (BH)   |                    |                    |
|--|---|--------------------|--------------------|
| REQUIRED PERMIT  | COMMUNITY DEVELOPMENT SPECIAL PERMIT AND SITE PLAN REVIEW, ZONING BOARD SPECIAL PERMIT  |                    |                    |
| ZONE CRITERIA  | REQUIRED  | EXISTING           | PROPOSED           |
| MIN. LOT AREA (1)  | 10,000 SF   | 2,002,928 SF       | NO CHANGE          |
| MIN. LOT WIDTH (1)   | 100 FT  | 1,663 SF           | NO CHANGE          |
| MAX. BLDG COVERAGE (1)   | 35%   | 17.1% <sup>a</sup> | 17.3% <sup>a</sup> |
| MIN. FRONT SETBACK (2)   | 25 FT   | 37.3 FT            | NO CHANGE          |
| MIN. SIDE SETBACK (2)  | 30 FT   | 39.3 FT            | NO CHANGE          |
| MIN. REAR SETBACK (2)  | 30 FT   | 233.8 FT           | NO CHANGE          |
| MAX. BUILDING HEIGHT (3)   | 40 FT / 3 STORIES   | N/A                | 19.9 FT            |
| PARKING SPACES (4)   | 1,614   | 2,273              | 2,228              |
| ACCESS. PARKING SPACES   | 2   | 0                  | 2                  |
| PARKING STALL CRITERIA<br>STANDARD: 9 FT x 18 FT<br>COMPACT: 8 FT x 16 FT  | USE/CATEGORY: EATING PLACES SERVING FOOD OR BEVERAGES<br>REQUIRED PARKING: 1 SPACE PER 2 EMPLOYEES ON MAXIMUM SHIFT, PLUS 1 SPACE PER TABLE OF 4 SEATS, PLUS 1 SPACE PER 100 SF OF FUNCTION ROOMS<br>NOT DESIGNED FOR EATING<br>CALCULATION: 1 SPACE/2 EMPLOYEES = 12 EMPLOYEES = 6 SPACES<br>5 SPACES + 6 SPACES = 25 SPACES<br>6 SPACES + 26 SPACES = 32 SPACES |                    |                    |
| ACCESSIBLE PARKING<br>CRITERIA<br>STANDARD:<br>8 FT x 18 FT STALL (MIN)<br>76-150 SPACES = 3 MIN. ACCESSIBLE SPACES<br>5 FT x 18 FT AISLE (MIN)<br>151-200 SPACES = 5 MIN. ACCESSIBLE SPACES<br>VAN:<br>8 FT x 18 FT STALL (MIN)<br>201-300 SPACES = 7 MIN. ACCESSIBLE SPACES<br>8 FT x 18 FT AISLE (MIN)<br>301-400 SPACES = 8 MIN. ACCESSIBLE SPACES | = 1 MIN. ACCESSIBLE SPACE<br>28-50 SPACES = 2 MIN. ACCESSIBLE SPACES<br>51-75 SPACES = 3 MIN. ACCESSIBLE SPACES<br>76-100 SPACES = 4 MIN. ACCESSIBLE SPACES<br>101-150 SPACES = 5 MIN. ACCESSIBLE SPACES<br>151-200 SPACES = 6 MIN. ACCESSIBLE SPACES<br>201-300 SPACES = 7 MIN. ACCESSIBLE SPACES<br>301-400 SPACES = 8 MIN. ACCESSIBLE SPACES                   |                    |                    |
| 1-25 SPACES<br>26-50 SPACES<br>51-75 SPACES<br>76-100 SPACES<br>101-150 SPACES<br>151-200 SPACES<br>201-300 SPACES<br>301-400 SPACES   | = 9 MIN. ACCESSIBLE SPACES<br>501-600 SPACES = 9 MIN. 25% OF TOTAL<br>601+ SPACES = MIN. 20 + 1 FOR EACH 100 SPACES OVER 1,000  |                    |                    |

(1) - EXISTING AND PROPOSED DATA SHOWN FOR ENTIRE PARCEL  
(2) - EXISTING SETBACKS ARE SHOWN FOR OVERALL DEVELOPMENT  
(3) - ANALYSIS ONLY CONSIDERS RAISING CANE'S LEASE AREA AS DEPICTED ON PLAN.  
(4) - GENERAL PARKING DEMAND AND TOTAL PARKING COUNT PROVIDED BY PROPERTY OWNER. RAISING CANE'S WILL INCREASE OVERALL DEMAND BY 32 SPACES AS SHOWN ON TABLE AND THE PROPOSED SITE LAYOUT WILL RESULT IN A REDUCTION OF 48 SPACES. THE OVERALL CENTER PROVIDES 814 EXCESS PARKING SPACES.



Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
Phone: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

STORE:  
RAISING CANE'S RESTAURANT  
90 PLEASANT VALLEY STREET  
UNIT 31  
METHUEN, MA  
Prototype P4E-AV  
RESTAURANT #RC0907

DESIGNERS INFORMATION:

**BOHLER //**  
352 TURNPIKE ROAD  
SOUTHBOROUGH, MA 01772  
Phone: (508) 480-9900  
[www.BohlerEngineering.com](http://www.BohlerEngineering.com)

PROTOTYPE UPDATE PHASE:

UPDATE ISSUE DATE:

PROJECT MANAGER: BPP

### PERMIT ISSUE

PROFESSIONAL OF RECORD:  
  
**J. A. KUCICH**  
JOANNA A. KUCICH, CIVIL  
PROFESSIONAL ENGINEER  
MASSACHUSETTS LICENSE #1530  
NEW HAMPSHIRE LICENSE #15476  
CONTRACTOR LICENSE #3616  
RHODE ISLAND LICENSE #3616  
MAINE LICENSE #12553

SHEET REVISIONS: (Sheet Specific per Designer)

DATE: DESCRIPTION:

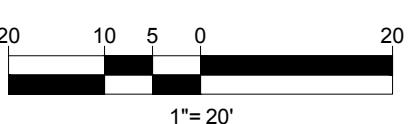
### PAINT STRIPING LEGEND

SYSL4" - SINGLE YELLOW SOLID LINE / 4 IN. WIDE  
SWSL4" - SINGLE WHITE SOLID LINE / 4 IN. WIDE  
SYSL6" - SINGLE YELLOW SOLID LINE / 6 IN. WIDE  
DYSL4" - DOUBLE YELLOW SOLID LINE / 4 IN. WIDE

**GENERAL CONTRACTOR TO PROVIDE A SITE SPECIFIC WALL DESIGN AND CALCULATIONS THROUGH THE GENERAL CONTRACTOR'S SELECTED WALL MANUFACTURER'S LICENSED PROFESSIONAL STRUCTURAL ENGINEER.**

**MAINTENANCE OF A CLEAR SIGHT LINE IS THE RESPONSIBILITY OF THE PROPERTY OWNER**

**THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY. REFER TO GENERAL NOTES SHEET FOR ADDITIONAL NOTES**



### SITE LAYOUT PLAN

DATE: 04/05/2022  
PROJECT NUMBER: W211254  
DRAWN BY: EGP

SHEET NUMBER: C-302





MAP 910, BLOCK 79, LOT 1  
CORE FUND LOOP  
PROPERTY, LLC  
BK. 11081, PG. 143

APPROX LOC OF  
OG DRAIN LINE

GRT=120.60  
(WP-HOOD)

RIM=120.28  
INV(A)=115.8  
INV(B)=115.9  
INV(C)=114.7

GRT=119.87  
INV(A)=116.6  
INV(B)=116.5  
INV(C)=115.7

RIM=120.07  
INV(A)=115.8  
INV(B)=115.9  
INV(C)=114.7

GRT=119.78  
(WP-HOOD)

TOH=116.32

Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:

STORE:  
RAISING CANE'S RESTAURANT  
90 PLEASANT VALLEY STREET  
UNIT 31  
METHUEN, MA  
Prototype P4E-AV  
RESTAURANT #RC0907

DESIGNERS INFORMATION:

**BOHLER //**  
352 TURNPIKE ROAD  
SOUTHBOROUGH, MA 01772  
Phone: (508) 480-9900  
[www.BohlerEngineering.com](http://www.BohlerEngineering.com)

PROTOTYPE UPDATE PHASE:

UPDATE ISSUE DATE:

PROJECT MANAGER: BPP

## PERMIT ISSUE

PROFESSIONAL OF RECORD:

**J. A. KUCICH**  
JOHN A. KUCICH, C.E.T.  
CIVIL  
PROFESSIONAL ENGINEER  
MASSACHUSETTS LICENSE #15450  
NEW HAMPSHIRE LICENSE #15476  
CONTRACTOR LICENSE #3616  
RHODE ISLAND LICENSE #3616  
MAINE LICENSE #12553

SHEET REVISIONS: (Sheet Specific per Designer)

DATE: DESCRIPTION:

SHEET TITLE:

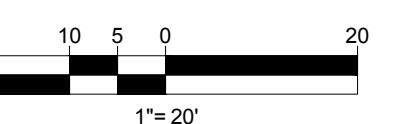
## GRADING PLAN

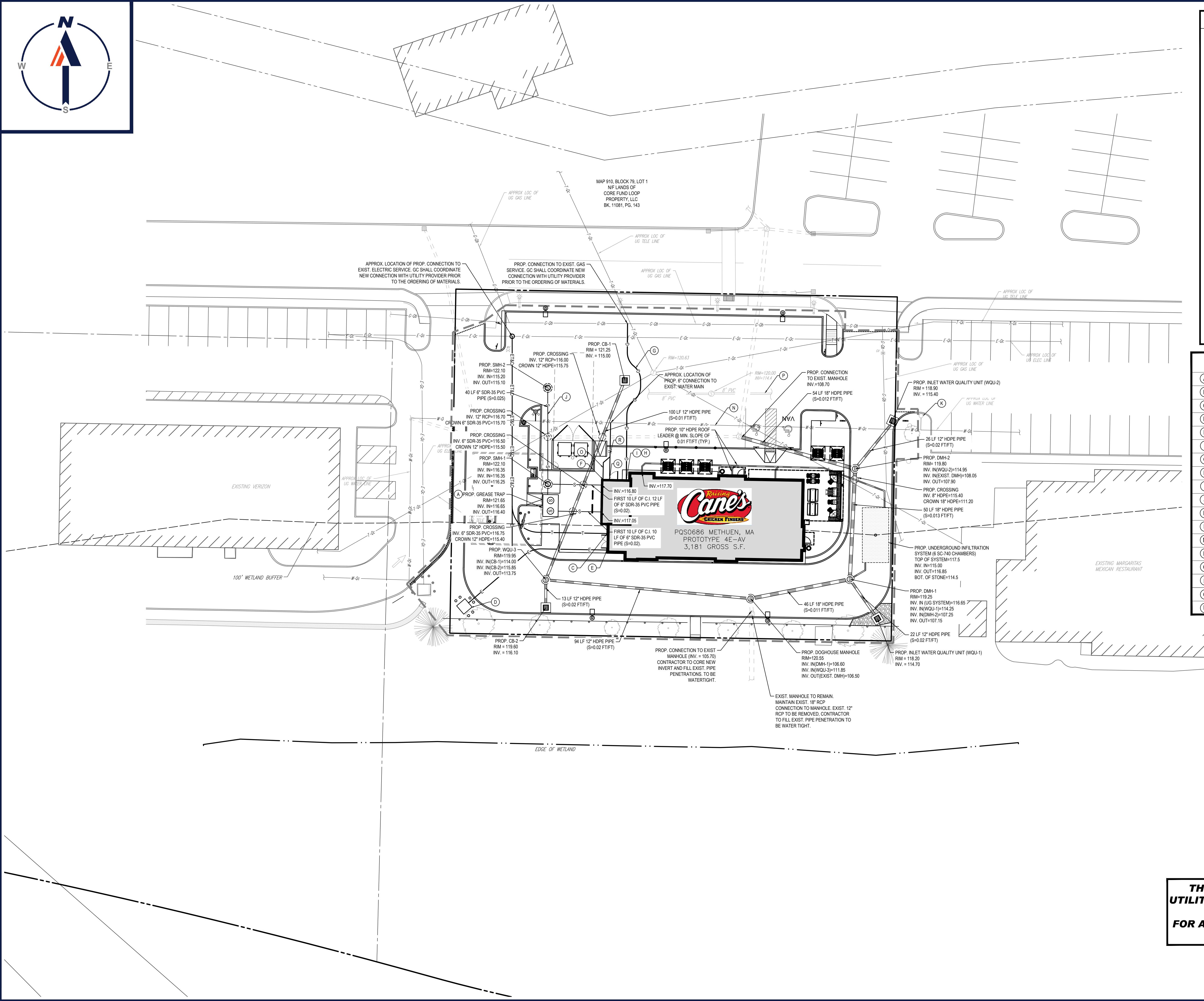
DATE: 04/05/2022  
PROJECT NUMBER: W211254  
DRAWN BY: EGP

SHEET NUMBER: C-401

APPROX LOC OF  
BLOCKBUSTER, INC. LEASE AREA  
BK. 5656, PG. 292

THIS PLAN TO BE UTILIZED FOR SITE  
GRADING PURPOSES ONLY. REFER TO  
GENERAL NOTES SHEET  
FOR ADDITIONAL GRADING & UTILITY  
NOTES





## **LEGEND**

— PROPERTY LINE

— EXISTING EASEMENT

— PROPOSED EASEMENT

— S PROPOSED UNDERGROUND SANITARY SEWER LINE

— W PROPOSED UNDERGROUND WATER LINE

— G PROPOSED UNDERGROUND GAS LINE

— E PROPOSED UNDERGROUND ELECTRIC LINE

— T PROPOSED UNDERGROUND TELEPHONE LINE

— PROPOSED STORM DRAINAGE PIPE

— EXISTING STORM DRAINAGE PIPE

— OH EXISTING OVERHEAD POWER LINE

— G EXISTING GAS LINE

— W EXISTING WATER LINE

— S EXISTING SANITARY SEWER LINE

— E EXISTING ELECTRIC LINE

— T EXISTING TELEPHONE LINE

PROPOSED SANITARY SEWER MANHOLE

PROPOSED FIRE HYDRANT

PROPOSED WATER METER

PROPOSED WATER VALVE

PROPOSED TEE

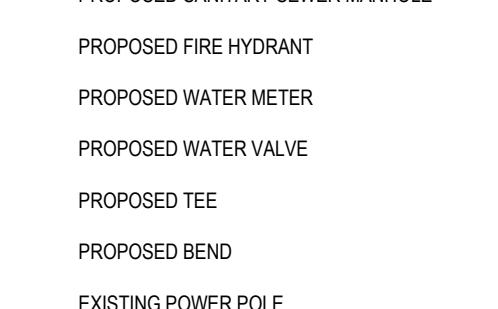
PROPOSED BEND

EXISTING POWER POLE

EXISTING FIRE HYDRANT

EXISTING SANITARY SEWER MANHOLE

EXISTING SIGN



Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
ele: 972-769-3100 Fax: 972-769-3101

OTOTYPE ISSUE DATE: -

ORE:

RAISING CANE'S RESTAURANT  
0 PLEASANT VALLEY STREET  
UNIT 31  
METHUEN, MA  
Prototype P4E-AV  
RESTAURANT #RC0907

## SIGNERS INFORMATION:

---

**352 TURNPIKE ROAD  
SOUTHBOROUGH, MA 01772**  
Phone: (508) 480-9900

|                       |     |
|-----------------------|-----|
| OTOTYPE UPDATE PHASE: | -   |
| DATE ISSUE DATE:      | -   |
| JECT MANAGER:         | BPB |

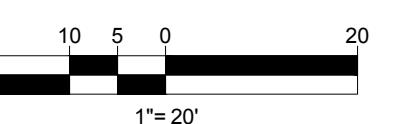
## PERMIT ISSUE

A circular seal with a serrated outer edge. Inside the circle, the text "PROFESSIONAL OF RECORD" is curved along the top. In the center, it says "JOHN A. KUCER" with "KUCER" in a larger, bold font. Below that, it says "CIVIL" and "NO. 41530". A large, cursive signature "John A. Kucer" is written across the center of the seal. Above the seal, the words "PROFESSIONAL OF RECORD:" are printed in a bold, sans-serif font.

**EFFECT REVISIONS:** (Sheet Specific per Designer)

|              |                     |
|--------------|---------------------|
| <b>DATE:</b> | <b>DESCRIPTION:</b> |
|--------------|---------------------|

**THIS PLAN TO BE UTILIZED FOR  
UTILITIES PURPOSES ONLY. REFER TO  
GENERAL NOTES SHEET  
FOR ADDITIONAL GRADING & UTILITY  
NOTES**



NUMBER:  
**C-501**



MAP 910, BLOCK  
N/F LANDS  
CORE FUND  
PROPERTY,  
BK. 11081, PC

This architectural site plan illustrates the layout and construction details for a Raising Canes restaurant prototype (PQS0686) located in Methuen, MA. The plan shows the building footprint, parking areas, and surrounding infrastructure. Key features include:

- Raising Canes Logo:** The central building is labeled with the "Raising Canes CHICKEN FINGERS" logo.
- Building Footprint:** The main building is 3,181 gross square feet.
- Parking:** The site includes several parking areas: a large paved area in front of the main building, a smaller paved area to the left, and a grassy area with several parking spots to the right.
- Soil Stockpile:** A temporary soil stockpile area is indicated in the upper right, surrounded by straw bales and siltfence. A note specifies: "APPROX. LOCATION OF TEMPORARY SOIL STOCKPILE AREA SURROUNDED BY STRAW BALES AND SILTFENCE. CONTRACTOR TO LOCATE STOCKPILE AS NEEDED TO ACCOMMODATE CONSTRUCTION ACTIVITY."
- Construction Details:** The plan shows various construction elements and materials, including "SF" (Straw Bale) and "TPF" (Temporary Protection Fence) walls, and "CE" (Construction Equipment) areas.
- Landmarks and References:** The plan includes a gas station (G-S) and a convenience store (C-S) to the left, and a "VAN" (likely a gas station) to the right. Reference lines and numbers such as 120, 121, 122, 118, 119, 117, 116, 115, and 114 are marked throughout the site.

APPROX LOC OF  
BLOCKBUSTER, INC. LEASE  
BK. 5656, PG. 292

# LEGEND

PROPERTY LINE

15 EXISTING CONTOUR

APPROXIMATE LIMIT OF DISTURBANCE

SF

SILT FENCE

CONSTRUCTION ENTRANCE

PERMANENT STABILIZATION.  
REFER TO LANDSCAPE PLAN

PERMANENT STABILIZATION IN R.O.W.  
CONTRACTOR TO SEED OR SOD.

PROPOSED GRATE INLET PROTECTION.  
SEE DETAIL SHEET.

TREE PROTECTION. REFER TO URBAN  
FORESTRY PLAN FOR EXACT LIMITS OF TREE  
PROTECTION.

CONCRETE WASHOUT

MATERIALS AND WASTE STORAGE AREA.

The logo for Raising Cane's Chicken Fingers. It features the brand name "Raising Cane's" in a large, stylized, black, cursive font. "Raising" is on the first line and "Cane's" is on the second line, with a small heart symbol between them. To the right of the main name is a vertical banner containing the word "CHICKEN FINGERS" in a bold, black, sans-serif font. The entire logo is set against a white background with a thin black outline.

Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
ele: 972-769-3100 Fax: 972-769-3101

OTOTYPE ISSUE DATE: -

ORE:

**RAISING CANE'S RESTAURANT**  
**0 PLEASANT VALLEY STREET**  
**UNIT 31**  
**METHUEN, MA**  
**Prototype P4E-AV**  
**RESTAURANT #RC0907**

**SIGNERS INFORMATION:**

**BOHLER //**

---

**352 TURNPIKE ROAD**  
**SOUTHBOROUGH, MA 01772**

Phone: (508) 480-9900

[www.BohlerEngineering.com](http://www.BohlerEngineering.com)

|                         |     |
|-------------------------|-----|
| PROTOTYPE UPDATE PHASE: | -   |
| DATE ISSUE DATE:        | -   |
| PROJECT MANAGER:        | BPB |

**THIS PLAN TO BE UTILIZED FOR SITE  
SOIL AND EROSION CONTROL  
PURPOSES ONLY**

**REFER TO SOIL EROSION CONTROL  
NOTES & DETAIL SHEET FOR EROSION  
NOTES AND DETAILS**

1" = 20'

NUMBER:

## EROSION AND SEDIMENT CONTROL NOTES

- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE AS SET FORTH IN THE MOST CURRENT STATE SEDIMENT AND EROSION CONTROL MANUAL.
- THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE LEFT IN AN UNTRATED OR UNVEGETATED CONDITION FOR A MINIMUM TIME. AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL. IF THE DISTURBANCE IS WITHIN 100 FEET OF A STREAM OR POND, THE AREA SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO ANY STORM EVENT (THIS WOULD INCLUDE WETLANDS).
- SEDIMENT BARRIERS (SILT FENCE, STRAW BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.
- INSTALL SILTATION BARRIER AT TOE SLOPE TO FILTER SILT FROM RUNOFF. SEE SILTATION BARRIER DETAILS FOR PROPER INSTALLATION. SILTATION BARRIER WILL REMAIN IN PLACE PER NOTE 5.
- ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSITION. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE STABILIZED BY TURF.
- NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2:1).
- IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY MULCH (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.
- TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS.
- DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT WILL BE RETURNED TO THE SITE AND REGRADED ONTO OPEN AREAS.
- REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND PREPARED FOR FINAL SEEDING AS FOLLOWS:
- SIX INCHES OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE.
- APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF USING 10-20-20 OR EQUIVALENT. APPLY GROUND LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONS PER ACRE (138 LB PER 1,000 SF).
- FOLLOWING SEED BED PREPARATION, DITCHES AND BACK SLOPES WILL BE SEDED TO A MIXTURE OF 47% CREEPING RED FESCUE, 5% REDTOP, AND 48% TALL FESCUE. THE LAWN AREAS WILL BE SEDED TO A PREMIUM TURF MIXTURE OF 44% KENTUCKY BLUE-GRASS, 44% CREEPING RED FESCUE, AND 12% PERENNIAL RYEGRASS. SEEDING RATE IS 1.03 LBS PER 1,000 SF LAWN QUALITY SOIL MAY BE SUBSTITUTED FOR SEED.
- STRAW MULCH AT THE RATE OF 70-90 LBS PER 1,000 SF. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS WILL BE USED ON STRAW MULCH FOR WIND CONTROL.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED.
- WETLANDS WILL BE PROTECTED WITH STRAW, COMPOST, AND/OR SILT FENCE BARRIERS INSTALLED AT THE EDGE OF THE WETLAND OR THE BOUNDARY OF WETLAND DISTURBANCE.
- ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL HAVE AN EXPOSURE WINDOW OF NOT MORE THAN 7 DAYS.
- ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL FOLLOW APPROPRIATE EROSION CONTROL MEASURES PRIOR TO EACH STORM IF NOT BEING ACTIVELY WORKED.

| LOCATION   | PROTECT AREA  | MULCH                          | RATE (1000 SF) |
|--|---|--------------------------------|----------------|
| WINDY AREA   | STRAW   | SHREDDED OR CHOPPED CORNSTALKS | 100 POUNDS     |
|  |   | STRAW (ANCHORED)*              | 185-275 POUNDS |
| MODERATE TO HIGH VELOCITY AREAS OR STEEP SLOPES GREATER THAN 3:1 | JUTE MESH OR EXCLOSIR MATT                                  | AS REQUIRED                    |                |
| GREATER THAN 3:1   | (REFER TO GEOTECHNICAL REPORT FOR FINAL DESIGN REQUIREMENT) |                                |                |

\* A HYDRO-APPLICATION OF WOOD, OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS SHALL BE USED ON STRAW MULCH FOR WIND CONTROL.

MULCH ANCHORING  
ANCHOR MULCH WITH PEG AND TWINE (1 SQ. YD/BLOCK); MULCH NETTING (AS PER MANUFACTURER); WOOD CELLULOSE FIBER (750 LBS/ACRE); CHEMICAL TACK (AS PER MANUFACTURER'S SPECIFICATIONS); USE OF A SERRATED STRAIGHT DISK. WETTING FOR SMALL AREAS AND ROAD DITCHES MAY BE PERMITTED.

**EROSION CONTROL NOTES DURING WINTER CONSTRUCTION**

- WINTER CONSTRUCTION PERIOD: NOVEMBER 1 THROUGH APRIL 15.
- WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.
- EXPOSED AREA SHOULD BE LIMITED TO THAT WHICH CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT.
- CONTINUATION OF EARTHWORK OPERATION ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE.
- AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR STRAW AT A RATE OF 100 LB. PER 1,000 SQUARE FEET (WITH OR WITHOUT SEEDING) OR DORMANT SEDED, MULCHED AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE.
- BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN CANTED, THE SLOPES SHALL NOT BE GRADED UNTIL THE DATE IS NO LATER THAN APRIL 1ST AT A RATE OF 200-300 SQ FT/HOUR. THE SLOPES SHALL BE GRADED AND THEN MULCHED. IF CONSTRUCTION CONTINUES DURING THE WINTER WEATHER, ALL EXPOSED AREAS SHALL BE CONTINUOUSLY GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT UNEXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER. UNTIL SUCH TIME AS THE WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF BALES OF STRAW OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS.

- MULCHING REQUIREMENTS:
  - BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING OR WOOD CELLULOSE FIBER.
  - MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPES EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%.
  - MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER 1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.
- AFTER NOVEMBER 1ST THE CONTRACTOR SHALL APPLY DORMANT SEEDING OR MULCH AND ANCHORING ON ALL BARE EARTH AT THE END OF EACH WORKING DAY.
- DURING THE WINTER CONSTRUCTION PERIOD ALL SNOW SHALL BE REMOVED FROM AREAS OF SEEDING AND MULCHING PRIOR TO PLACEMENT.
- STOCKPILING OF MATERIALS (DIRT, WOOD, CONSTRUCTION MATERIALS, ETC.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE ANY DUST PROBLEMS THAT MAY OCCUR WITH ADJACENT PROPERTIES AND TO PROVIDE MAXIMUM PROTECTION AGAINST EROSION RUNOFF.
- EXISTING CATCH BASIN STRUCTURES SHALL BE PROTECTED UNTIL SUCH TIME AS THEY ARE REMOVED.

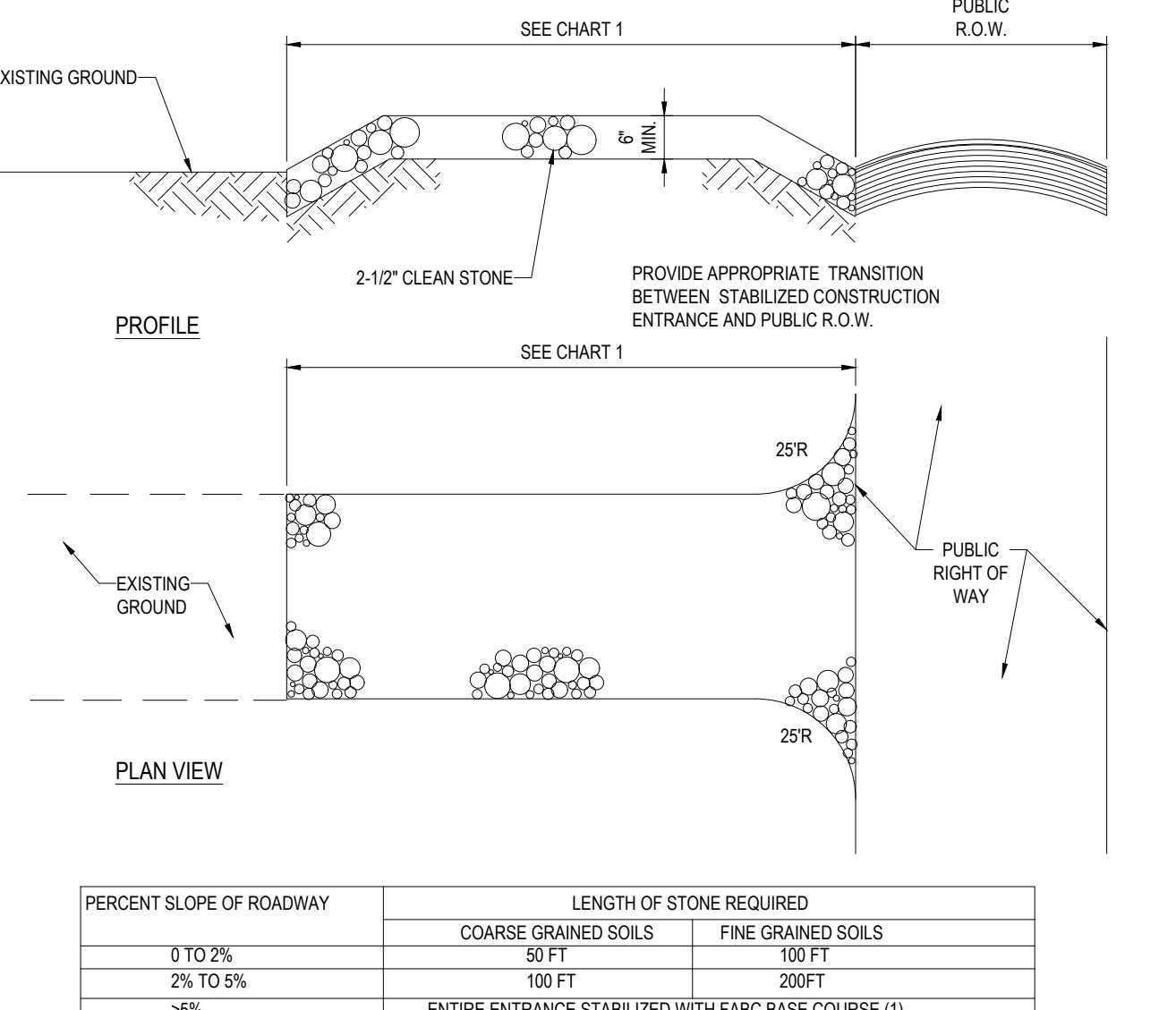
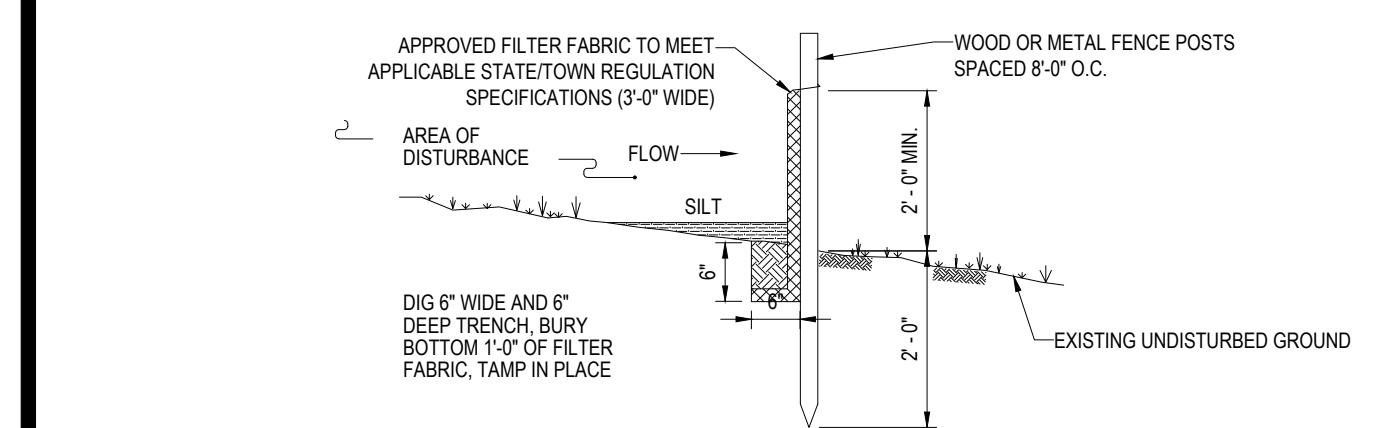


CHART 1



NOTES:

- PLACE SILT FENCE LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
- THE SLOPE OF THE LAND FOR AT LEAST 30 FEET ADJACENT TO ANY SILT FENCE SHALL NOT EXCEED 5%.
- SILT FENCE SHALL BE INSTALLED SO WATER CANNOT BYPASS THE FENCE AROUND THE SIDES.
- INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS PROMPTLY AS POSSIBLE.
- SILT FENCE SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE INSTRUCTED BY THE TOWNSHIP ENGINEER.

| LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE |             |                   |
|--|-------------|-------------------|
| PROPERTIES   | TEST METHOD | UNITS             |
| GRAB TENSILE STRENGTH                                      | ASTM D-4632 | 300 LBS           |
| GRAB TENSILE ELONGATION                                    | ASTM D-4632 | 20%               |
| PUNCTURE   | ASTM D-4833 | 120 LBS           |
| MULLEN BURST   | ASTM D-4366 | 300 PSI           |
| TRAPEZOID TEAR   | ASTM D-4333 | 80%               |
| UV RESISTANCE  | ASTM D-4355 |                   |
| APPARENT OPENING SIZE                                      | ASTM D-4751 | 40 IN. SIEVE      |
| FLOW RATE  | ASTM D-4491 | 200 GALLONS/SQ FT |
| PERMITTIVITY   | ASTM D-4491 | 0.55 SEC          |

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE

| PROPERTIES              | TEST METHOD | UNITS             |
|-------------------------|-------------|-------------------|
| GRAB TENSILE STRENGTH   | ASTM D-4632 | 250 LBS           |
| GRAB TENSILE ELONGATION | ASTM D-4632 | 20%               |
| PUNCTURE                | ASTM D-4833 | 135 LBS           |
| MULLEN BURST            | ASTM D-4366 | 420 PSI           |
| TRAPEZOID TEAR          | ASTM D-4333 | 45 LBS            |
| UV RESISTANCE           | ASTM D-4355 | 90%               |
| APPARENT OPENING SIZE   | ASTM D-4751 | 20 US SIEVE       |
| FLOW RATE               | ASTM D-4491 | 200 GALLONS/SQ FT |
| PERMITTIVITY            | ASTM D-4491 | 1.5 SEC           |

NOTE: DO NOT USE IN PAVED AREAS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

ISOMETRIC VIEW

SECTION VIEW

PROFILE VIEW OF INSTALLED FILTER SACK

N.T.S.

NOTE: DO NOT USE IN PAVED AREAS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

ISOMETRIC VIEW

SECTION VIEW

PROFILE VIEW OF INSTALLED FILTER SACK

N.T.S.

STABILIZED CONSTRUCTION ENTRANCE (CE) N.T.S.

SILT FENCE (SF) N.T.S.

FILTER SACKS (GRADED INLETS) (IP) N.T.S.

TEMPORARY STOCKPILE N.T.S.

STRAW BAILE N.T.S.

N.T.S.

CONSTRUCTION SEQUENCE N.T.S.

CONSTRUCTION SEQUENCE N.T.S.

N.T.S.



Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
Tel: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE: -

STORE: -

RAISING CANE'S RESTAURANT  
90 PLEASANT VALLEY STREET

UNIT 31  
METHUEN, MA  
Prototype P4-EAV  
RESTAURANT #RC0907

DESIGNERS INFORMATION:

BOHLER //

352 TURNPIKE ROAD  
SOUTHBOROUGH, MA 01772  
Phone: (508) 480-9900

[www.BohlerEngineering.com](http://www.BohlerEngineering.com)

PROTOTYPE UPDATE PHASE: -  
UPDATE ISSUE DATE: -  
PROJECT MANAGER: BPP

PERMIT ISSUE

PROFESSIONAL OF RECORD:

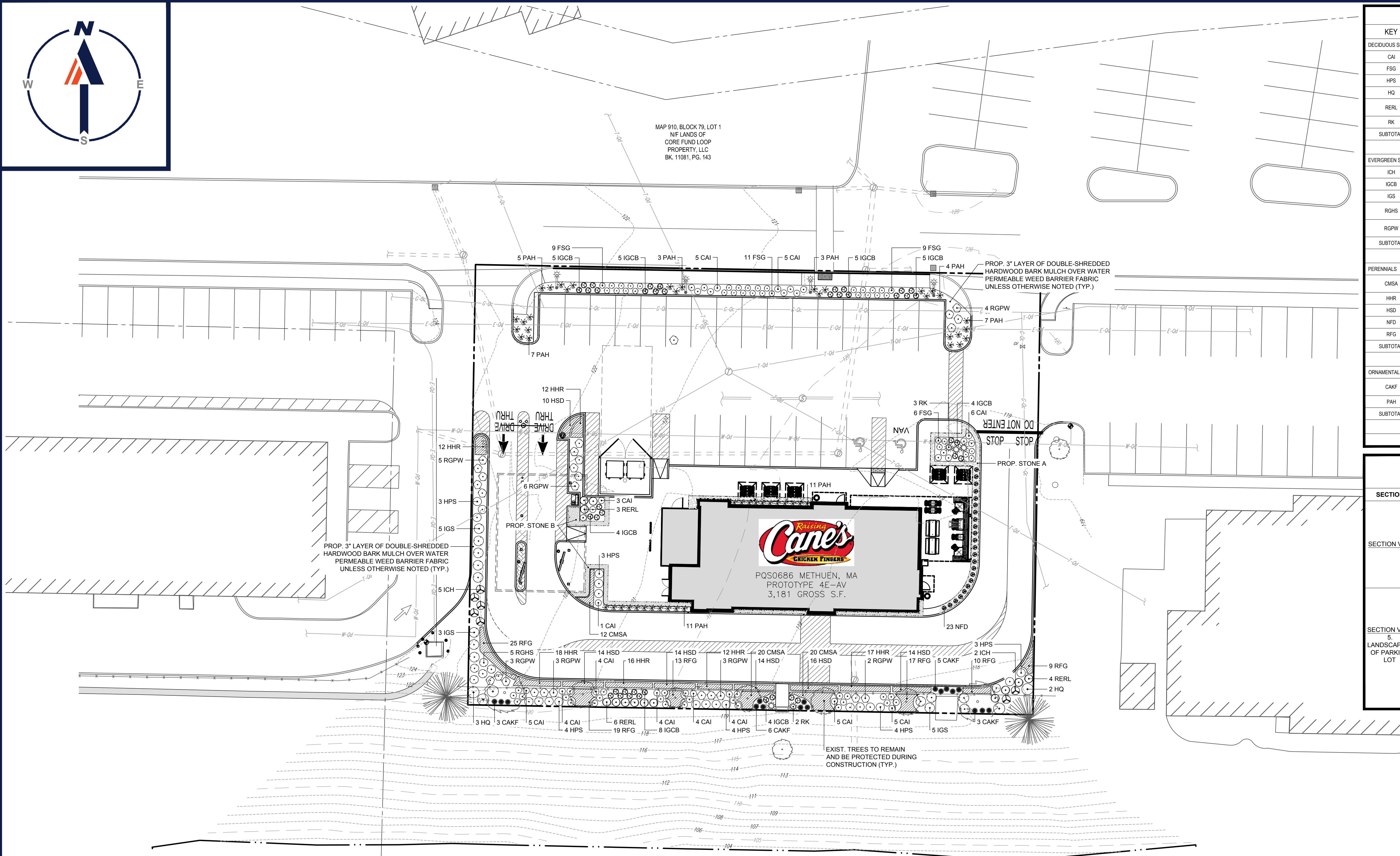
*JOHN KUCICH*  
JOHN KUCICH  
CIVIL  
PROFESSIONAL ENGINEER:  
MASSACHUSETTS LICENSE #1539  
NEW HAMPSHIRE LICENSE #15476  
CONNECTICUT LICENSE #26177  
RHODE ISLAND LICENSE #3616  
MAINE LICENSE NO. 12553

SHEET REVISIONS: (Sheet Specific per Designer)

DATE: DESCRIPTION:

EROSION & SEDIMENT CONTROL NOTES AND DETAILS  
DATE: 04/05/2022  
PROJECT NUMBER: W211254  
DRAWN BY: EGP

SHEET NUMBER: C-602



# PLEASANT VALLEY ST

#### **LANDSCAPE SCHEDULE**

| KEY              | QTY. | BOTANICAL NAME                     | COMMON NAME            | SIZE   | CONT.     |
|------------------|------|------------------------------------|------------------------|--------|-----------|
| DECIDUOUS SHRUBS |      |                                    |                        |        |           |
| CAI              | 55   | CORNUS ALBA 'KELSEY'               | KELSEY DOGWOOD         | 2-3'   | B+B       |
| FSG              | 35   | FORSYTHIA X INTERMEDIA 'GOLD TIDE' | COMPACT FORSYTHIA      | 18-24" | CONTAINER |
| HPS              | 21   | HYPERICUM PATULUM 'SUNBURST'       | SUNBURST ST. JOHNSWORT | 18-24" | CONTAINER |
| HQ               | 5    | HYDRANGEA QUERCIFOLIA              | OAKLEAF HYDRANGEA      | 24-30" | CONTAINER |
| RERL             | 13   | RHODODENDRON 'MOTHER'S DAY'        | 'MOTHER'S DAY' AZALEA  | 30-36" | CONTAINER |
| RK               | 5    | ROSA 'RADRAZZ' KNOCK OUT           | KNOCK OUT ROSE         | 24-30" | CONTAINER |
| SUBTOTAL:        | 134  |                                    |                        |        |           |

| EVERGREEN SHRUBS |    |   |                              |        |           |
|------------------|----|---|------------------------------|--------|-----------|
| ICH              | 7  | ILEX CRENATA 'HELLERI'                        | HELLERI JAPANESE HOLLY       | 15-18" | B+B       |
| IGCB             | 40 | ILEX GLABRA 'GEM BOX'                         | DWARF INKBERRY HOLLY         | 18-24" | CONTAINER |
| IGS              | 13 | ILEX GLABRA 'SHAMROCK'                        | SHAMROCK INKBERRY HOLLY      | 24-30" | B+B       |
| RGHS             | 5  | RHODODENDRON X GIRARD 'GIRARD HOT SHOT'       | GIRARD HOT SHOT AZALEA       | 18-24" | CONTAINER |
| RGPW             | 26 | RHODODENDRON X GIRARD 'GIRARD PLEASENT WHITE' | GIRARD PLEASENT WHITE AZALEA | 18-24" | CONTAINER |
| SUBTOTAL:        | 91 |   |                              |        |           |

| PERENNIALS |     |  |                            |        |           |
|------------|-----|--|----------------------------|--------|-----------|
| CMSA       | 62  | CHRYSANTHEMUM MAXIMUM X SUPERBUM<br>'ALASKA' | ALASKA SHASTA DAISY        | 2 GAL. | CONTAINER |
| HHR        | 86  | HEMEROCALLIS 'HAPPY RETURNS'                 | HAPPY RETURNS DAYLILY      | 2 GAL. | CONTAINER |
| HSD        | 82  | HEMEROCALLIS 'STELLA D'ORO'                  | RED STELLA D'ORO DAYLILY   | 2 GAL. | CONTAINER |
| NFD        | 23  | NEPETA X FAASSENII 'DROPMORE'                | DROPMORE CAT MINT          | 2 GAL. | CONTAINER |
| RFG        | 93  | RUDBECKIA FULGIDA 'GOLDSTURM'                | GOLDSTURM/BLACK-EYED SUSAN | 2 GAL. | CONTAINER |
| SUBTOTAL:  | 346 |  |                            |        |           |

| ORNAMENTAL GRASSES  |    |   |                      |        |           |
|---|----|---|----------------------|--------|-----------|
| CAKF  | 17 | CALAMAGROSTIS ARUNDINACEA 'KARL FOERSTER' | FEATHER REED GRASS   | 2 GAL. | CONTAINER |
| PAH   | 51 | PENNISETUM ALOPECUROIDES 'HAMELN'         | DWARF FOUNTAIN GRASS | 2 GAL. | CONTAINER |
| SUBTOTAL:   | 68 |   |                      |        |           |
| NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN THE AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN WILL DICTATE. |    |   |                      |        |           |

# **CITY OF METHUEN LANDSCAPE REQUIREMENTS**

| SECTION   | REQUIREMENTS  | CALCULATIONS/PROPOSED   |
|---|---|---|
| <u>SECTION VI-B:</u>  | <p>10. TRAFFIC VISIBILITY FOR DRIVEWAYS</p> <p>A FENCE, HEDGE, WALL, SIGN OR OTHER STRUCTURE OR VEGETATION MAY BE MAINTAINED ON ANY LOT PROVIDED THAT IN THE FRONT YARD AREA, NO SUCH STRUCTURE OR VEGETATION SHALL BE OVER TWO AND ONE-HALF (2 ½) FEET IN HEIGHT ABOVE THE ADJACENT GROUND WITHIN FIVE (5) FEET OF THE FRONT LOT LINE UNLESS IT CAN BE SHOWN THAT SUCH VEGETATION OR STRUCTURE WILL NOT RESTRICT VISIBILITY IN SUCH A WAY AS TO HINDER THE SAFE ENTRY OR EXIT OF A VEHICLE FROM ANY DRIVEWAY TO THE STREET.</p>  | PROVIDED  |
| <u>SECTION VII-B:</u><br>5.<br>LANDSCAPING<br>OF PARKING<br>LOT | <p>(A) REQUIRED SETBACKS: THE SURFACED AREAS OF OFF-STREET PARKING AREAS FOR COMMERCIAL AND INDUSTRIAL USES SHALL BE SET BACK A MINIMUM OF 7.5 FEET FROM ALL BUILDINGS AND LOT LINES EXCEPT THAT FRONT YARDS IN BUSINESS AND INDUSTRIAL DISTRICTS SHALL PROVIDE A 15 FOOT LANDSCAPED STRIP ADJACENT TO THE RIGHT-OF-WAY LINE.</p> <p>(B) INTERIOR OF PARKING LOT: AT LEAST 5 PERCENT OF THE INTERIOR OF ANY PARKING LOT WITH 40 OR MORE PARKING SPACES SHALL BE LANDSCAPED (I.E. OFF-STREET PARKING AREAS, WITH THE EXCEPTION OF PARKING STRUCTURES, SHALL BE PLANTED WITH SHADE TREES OF A SPECIES AND SIZE APPROVED BY THE METHUEN BUILDING COMMISSIONER.</p> | <p>7.5 FOOT SETBACK FROM BUILDING: PROVIDED</p> <p>15 FOOT FRONT YARD SETBACK: N/A</p> <p>N/A</p> |

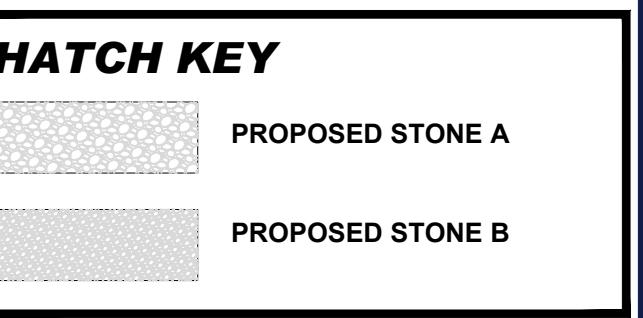
The logo for Raising Caney Chicken Fingers. It features the brand name in a large, stylized, black, cursive font. The word 'Raising' is positioned above 'Caney', with 'Raising' being smaller and 'Caney' being the main focus. To the right of the main text, the words 'CHICKEN FINGERS' are written vertically in a bold, black, sans-serif font. The entire logo is set against a white background with a thin black outline.

Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
ele: 972-769-3100 Fax: 972-769-3101

ORE:  
RAISING CANE'S RESTAURANT  
0 PLEASANT VALLEY STREET  
UNIT 31  
METHUEN, MA  
Prototype P4E-AV  
RESTAURANT #RC0907

A graphic for Bohler featuring the company name in large, bold, dark blue capital letters, followed by a red double-slash symbol. Below this, a horizontal line separates the company name from the address and contact information. The address is listed as '352 TURNPIKE ROAD' on the first line and 'SOUTHBOROUGH, MA 01772' on the second line, both in dark blue capital letters. Below the address, the phone number '(508) 480-9900' is listed in dark blue text.

|                       |     |
|-----------------------|-----|
| OTOTYPE UPDATE PHASE: | -   |
| DATE ISSUE DATE:      | -   |
| OBJECT MANAGER:       | BPB |



REFER TO STONE MULCH DETAIL ON SHEET C-702





A close-up photograph of a dense layer of small, irregularly shaped stones, likely gravel or crushed rock, with a mix of colors including grey, brown, and greenish-blue.

## **OWNER MAINTENANCE RESPONSIBILITIES**

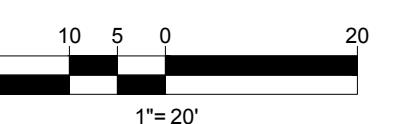
UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS

LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH OF TRAVEL.
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS.
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS.
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY OTHER HAZARDS.

# **THIS PLAN TO BE UTILIZED FOR LANDSCAPE PURPOSES ONLY**

# **REFER LANDSCAPE NOTES & DETAILS SHEET FOR LANDSCAPE NOTES AND DETAILS**



# EET TITLE: **LANDSCAPE PLAN**

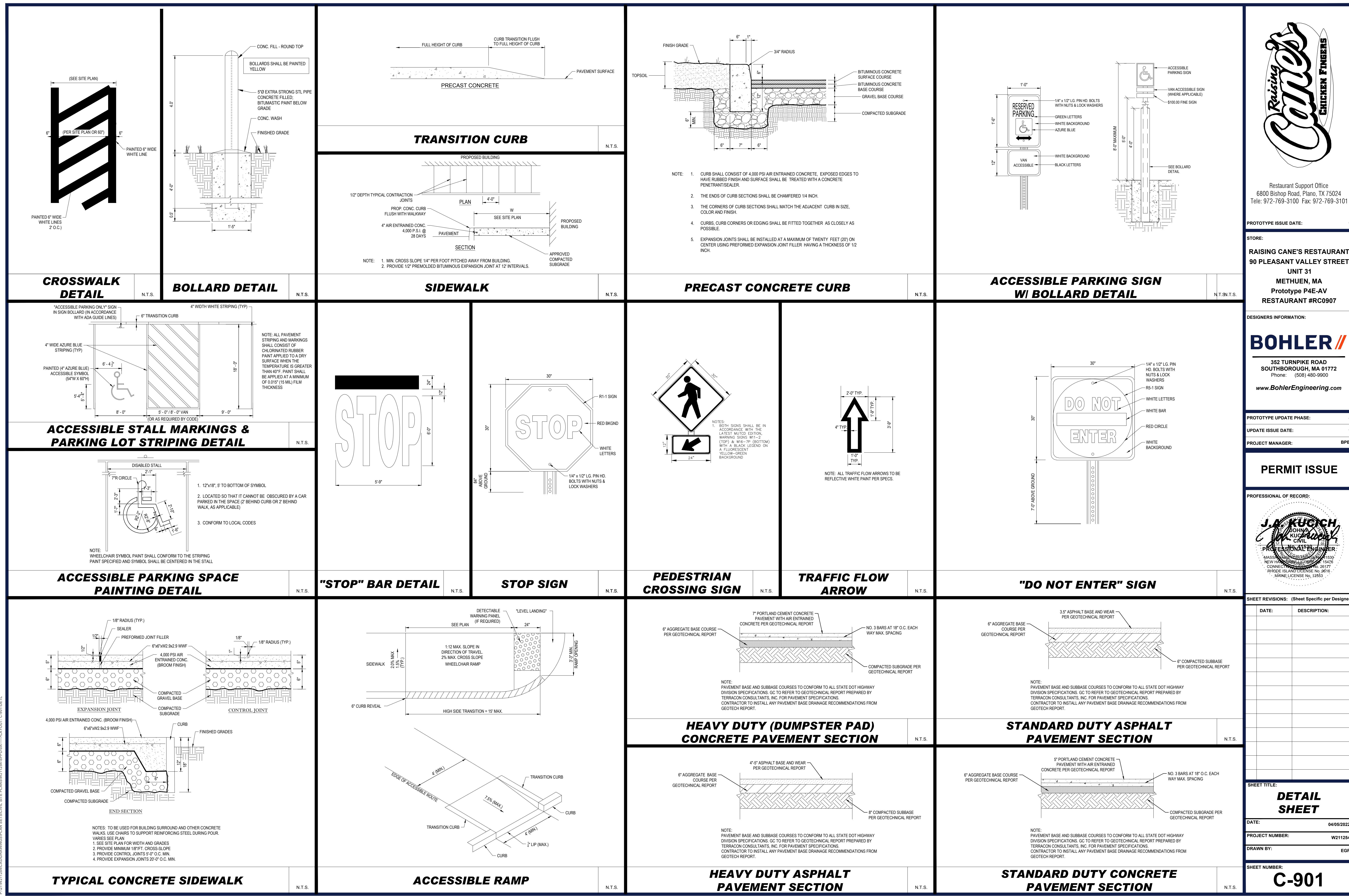
DATE: 04/05/2023

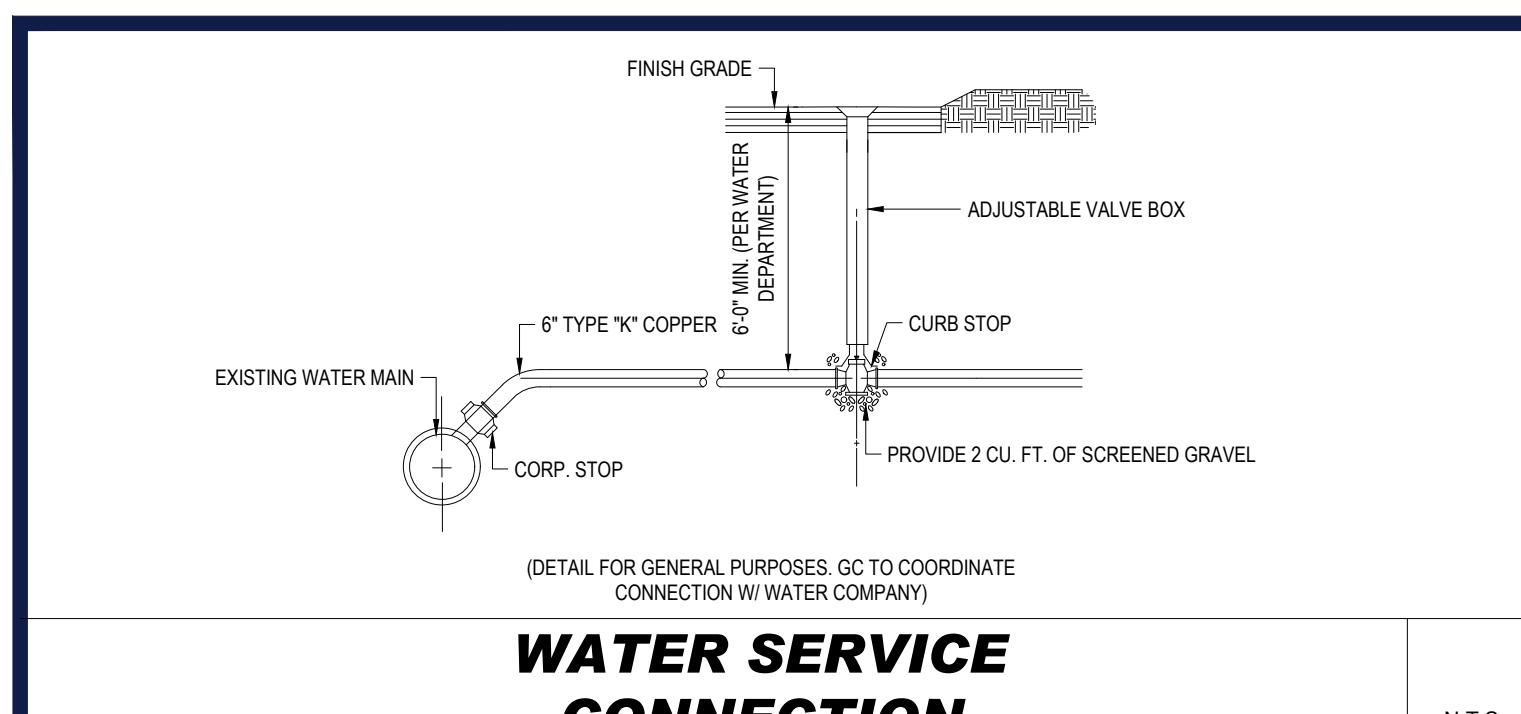
04/05/2022

AWN BY: ECR

STREET NUMBER: **6564**

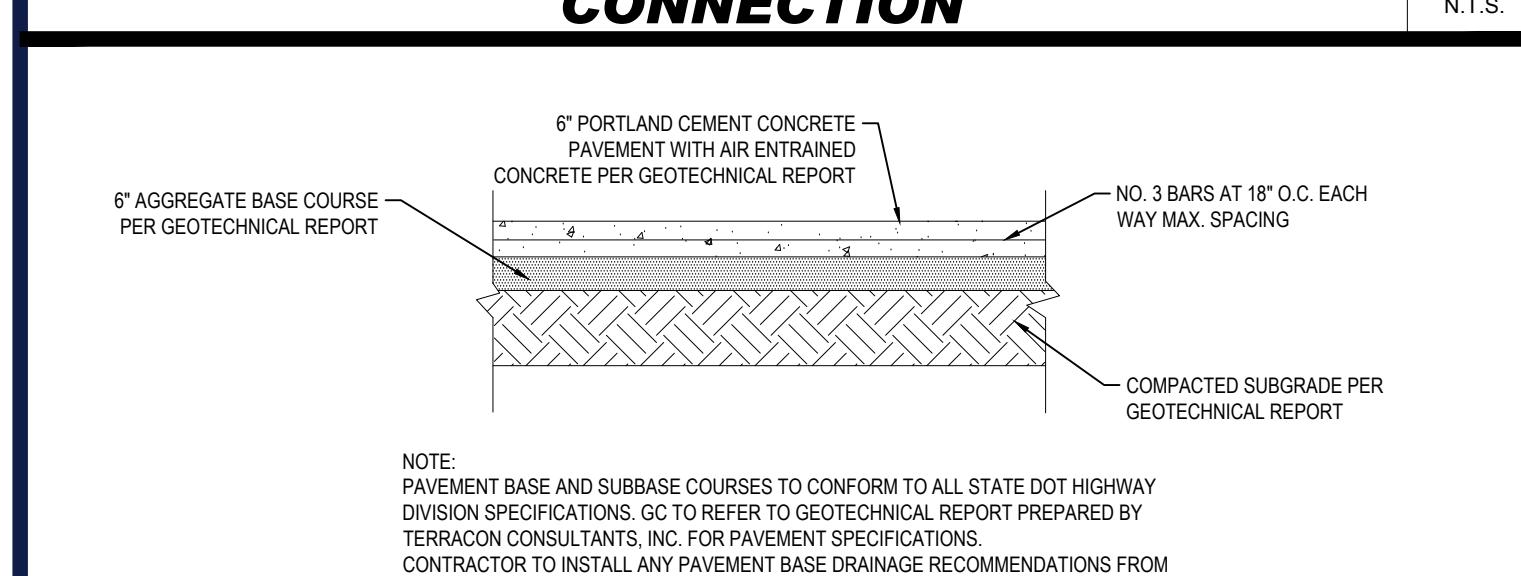






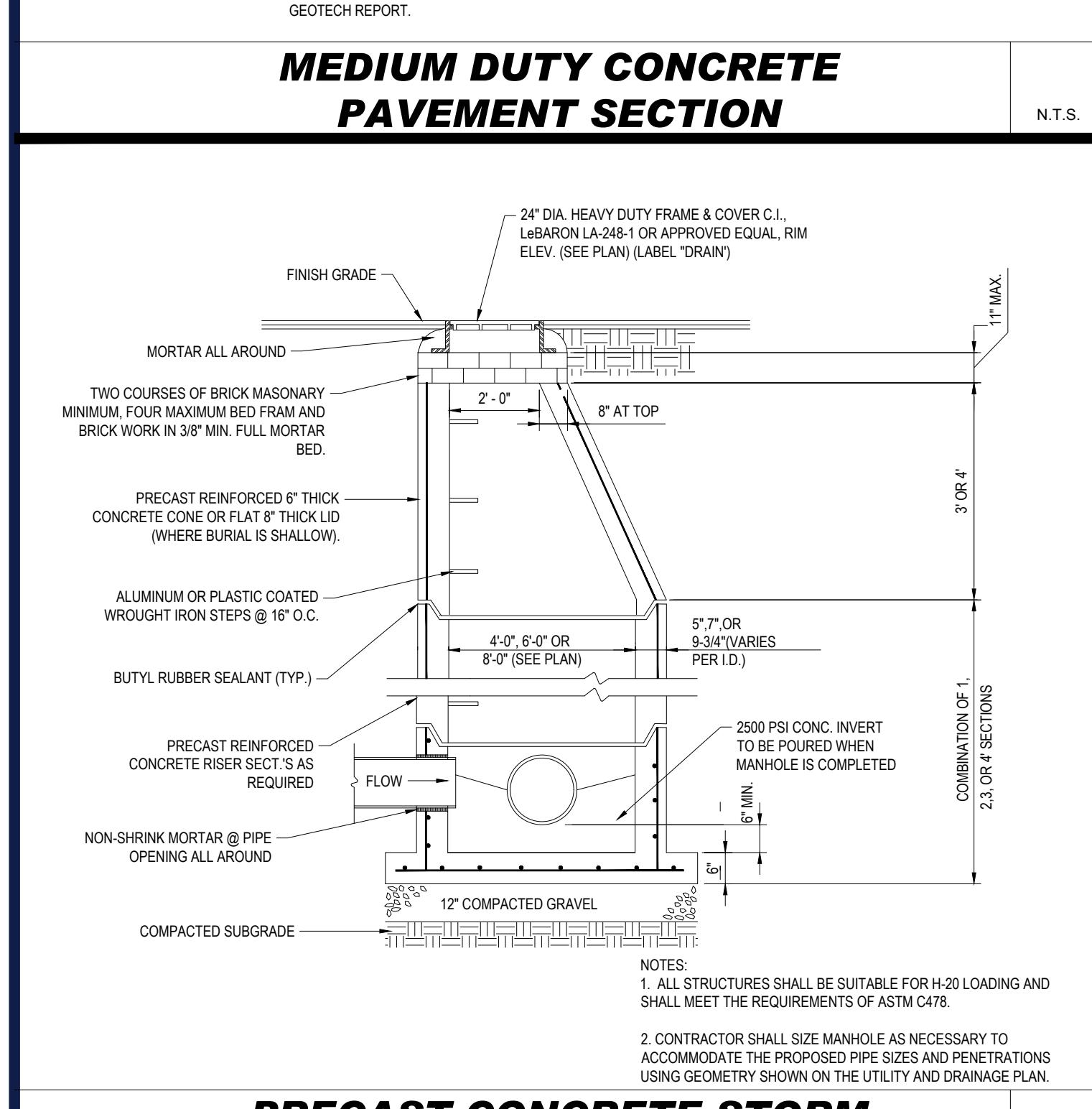
### WATER SERVICE CONNECTION

N.T.S.



### MEDIUM DUTY CONCRETE PAVEMENT SECTION

N.T.S.



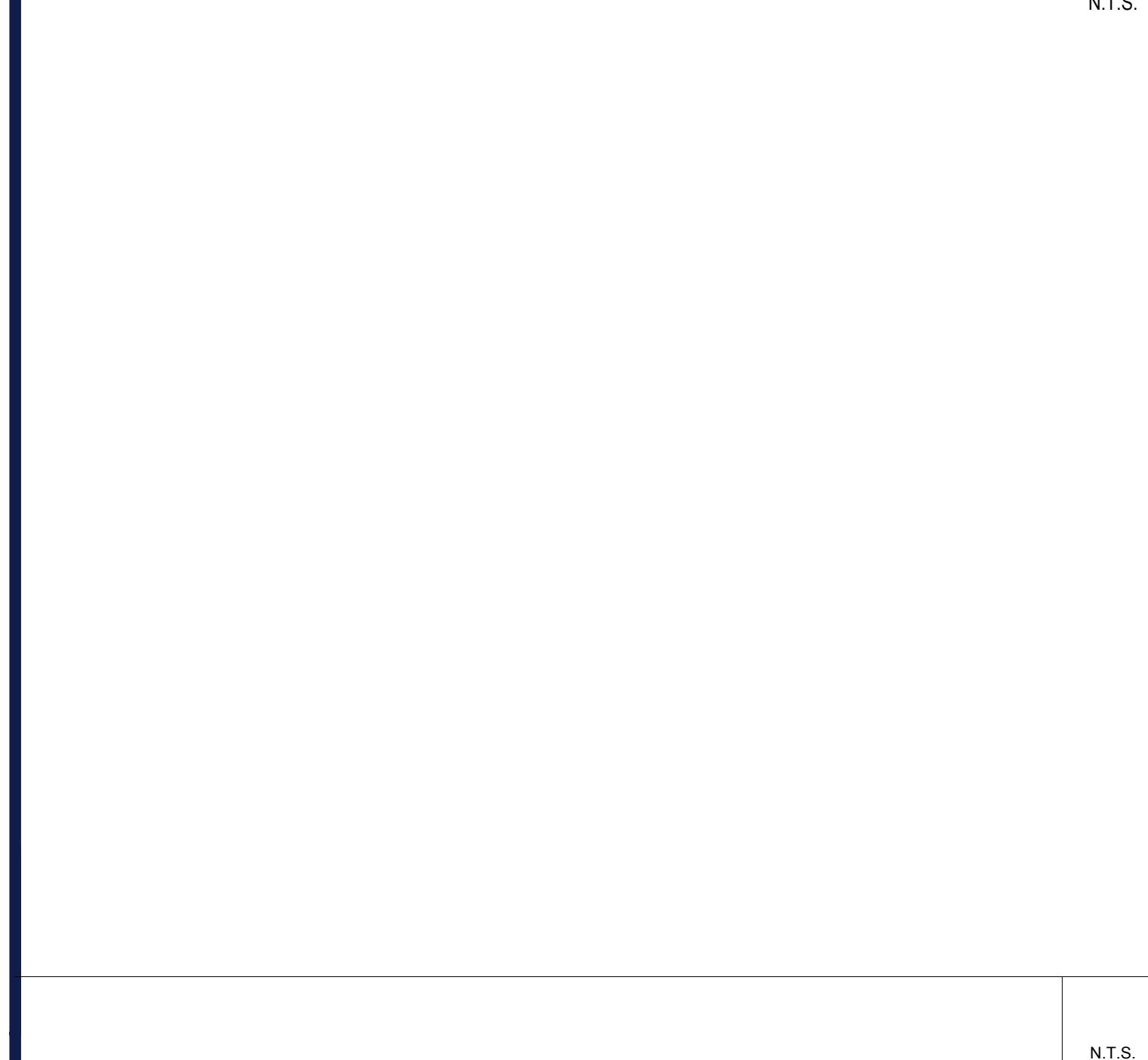
### TYP. PRECAST CONCRETE SANITARY MANHOLE

N.T.S.



### PRECAST CONCRETE STORM DRAIN MANHOLE

N.T.S.



### TAPPING SLEEVE & GATE VALVE DETAIL

N.T.S.



### PRECAST GREASE TRAP 1500 GALLON / HEAVY DUTY

N.T.S.



### PRECAST CONCRETE DEEP SUMP CATCH BASIN

N.T.S.

DESIGNERS INFORMATION:

**BOHLER //**

352 TURNPIKE ROAD  
SOUTHBOROUGH, MA 01772  
Phone: (508) 480-9900  
[www.BohlerEngineering.com](http://www.BohlerEngineering.com)

PROTOTYPE UPDATE PHASE:

UPDATE ISSUE DATE:

PROJECT MANAGER: BPP

**PERMIT ISSUE**

PROFESSIONAL OF RECORD:

*J. A. KUCICH*  
JOHN A. KUCICH  
CIVIL  
PROFESSIONAL ENGINEER  
MASS. LICENSE NO. 12530  
NEW HAMPSHIRE LICENSE NO. 15476  
CONTRACTOR LICENSE NO. 3516  
RHODE ISLAND LICENSE NO. 3516  
MAINE LICENSE NO. 12553

SHEET REVISIONS: (Sheet Specific per Designer)

DATE: DESCRIPTION:

**DETAIL SHEET**

DATE: 04/05/2022

PROJECT NUMBER: W211254

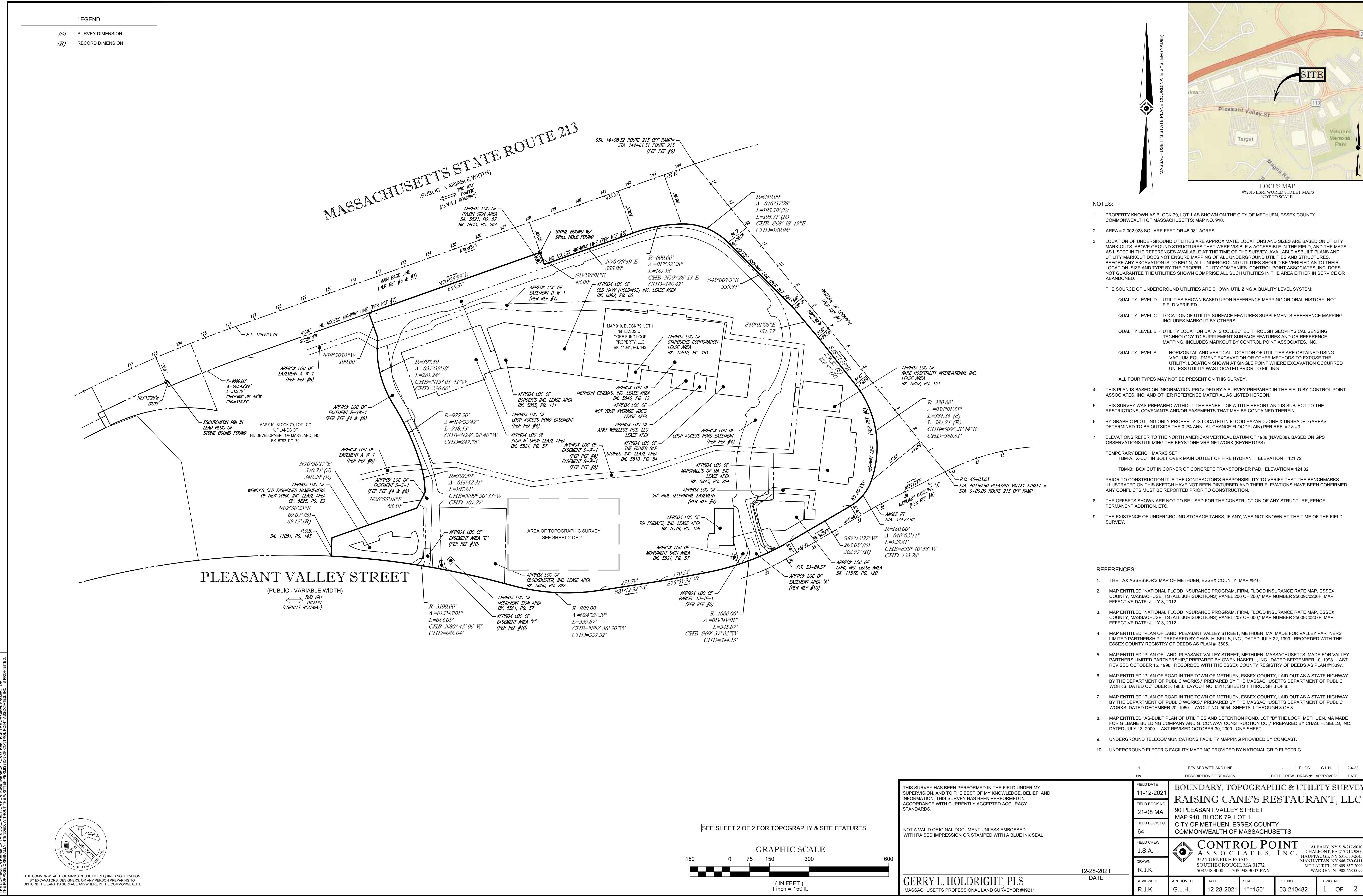
DRAWN BY: EGP

SHEET NUMBER: C-902

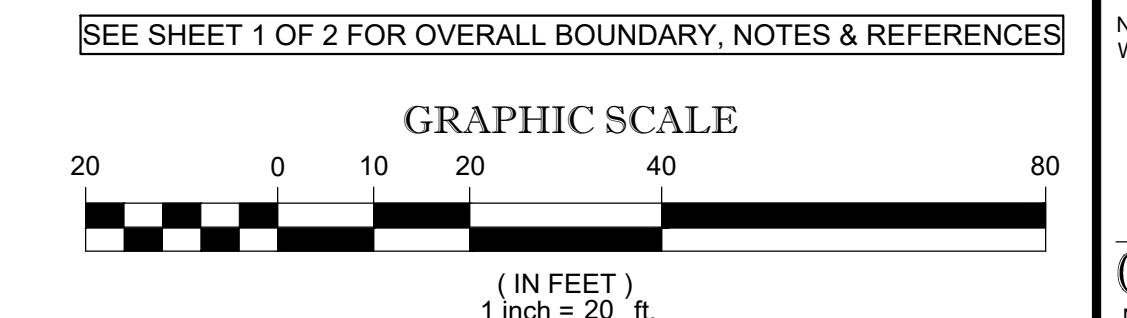
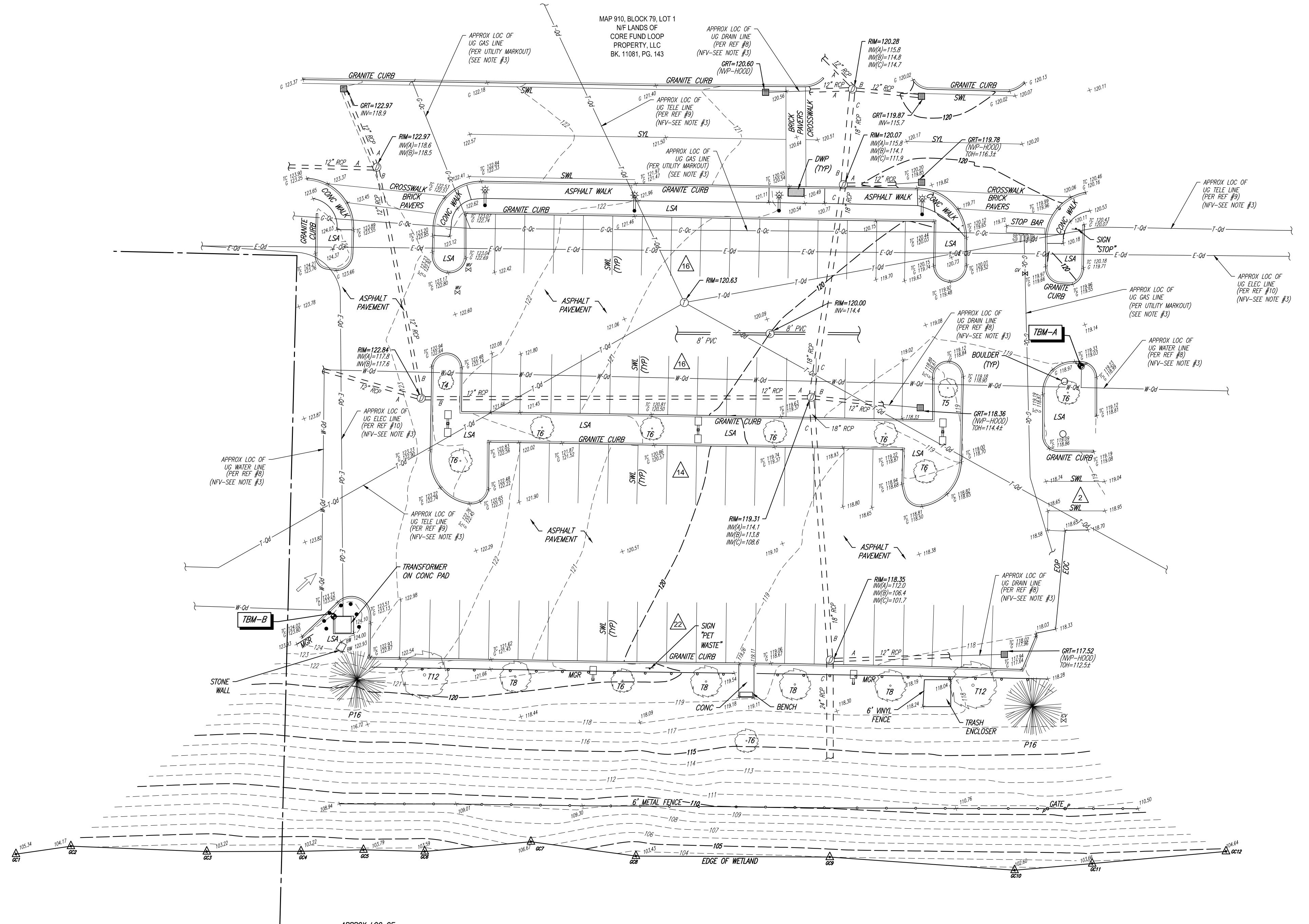


Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
Tele: 972-769-3100 Fax: 972-769-3101

PROTOTYPE ISSUE DATE:  
STORE:  
RAISING CANE'S RESTAURANT  
90 PLEASANT VALLEY STREET  
UNIT 31  
METHUEN, MA  
Prototype P4-EAV  
RESTAURANT #RC0907



| LEGEND   |                                   |
|--|-----------------------------------|
| -- 124 --  | EXISTING CONTOUR                  |
| -- 125 --  | EXISTING SPOT ELEVATION           |
| × TC 123.45                                      | EXISTING TOP OF CURB ELEVATION    |
| × TW 123.45                                      | EXISTING TOP OF WALL ELEVATION    |
| × BW 122.85                                      | EXISTING BOTTOM OF WALL ELEVATION |
| HYDRANT  |                                   |
| WATER VALVE                                      |                                   |
| GAS VALVE  |                                   |
| APPROX. LOC. UNDERGROUND GAS LINE                |                                   |
| APPROX. LOC. UNDERGROUND ELECTRIC LINE           |                                   |
| APPROX. LOC. UNDERGROUND DRAIN LINE              |                                   |
| APPROX. LOC. UNDERGROUND SEWER LINE              |                                   |
| APPROX. LOC. UNDERGROUND TELECOMMUNICATIONS LINE |                                   |
| APPROX. LOC. UNDERGROUND WATER LINE              |                                   |
| Qa   | QUALITY LEVEL A                   |
| Qb   | QUALITY LEVEL B                   |
| Qc   | QUALITY LEVEL C                   |
| Qd   | QUALITY LEVEL D                   |
| ■  | AREA LIGHT                        |
| →  | SIGN                              |
| ●  | BOLLARD                           |
| —  | METAL GUIDE RAIL                  |
| Po   | POST                              |
| —  | PAINTED ARROWS                    |
| UG   | UNDER GROUND                      |
| EOP  | EDGE OF CONCRETE                  |
| EDP  | EDGE OF PAVEMENT                  |
| LSA  | LANDSCAPED AREA                   |
| (TYP)  | TYPICAL                           |
| ①  | DRAINAGE/STORM MANHOLE            |
| ②  | SANITARY/SEWER MANHOLE            |
| ③  | TELEPHONE MANHOLE                 |
| ④  | CATCH BASIN OR INLET              |
| ⑤  | TREE & TRUNK SIZE                 |
| PF   | CONIFEROUS TREE & TRUNK SIZE      |
| PS   | PARKING SPACE COUNT               |
| DWP  | DETECTABLE WARNING PAD            |
| SWL  | SOLID WHITE LINE                  |
| SYL  | SOLID YELLOW LINE                 |
| (S)  | SURVEY DIMENSION                  |
| (R)  | RECORD DIMENSION                  |
| RCP  | REINFORCED CONCRETE PIPE          |
| PVC  | POLYVINYL CHLORIDE PIPE           |
| NVP  | NO VISIBLE PIPES                  |
| TOH  | TOP OF HOOD                       |



THIS SURVEY HAS BEEN PERFORMED IN THE FIELD UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION, THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENTLY ACCEPTED ACCURACY STANDARDS.

NOT A VALID ORIGINAL DOCUMENT UNLESS EMBOSSED WITH RAISED IMPRESSION OR STAMPED WITH A BLUE INK SEAL

GERRY L. HOLDRIGHT, PLS  
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #49211

| 1                       | REVISED WETLAND LINE  | -                | E.LOC            | G.L.H.        | 2-4-22             |
|-------------------------|---|------------------|------------------|---------------|--------------------|
| No.                     | DESCRIPTION OF REVISION   | FIELD CREW       | DRAWN            | APPROVED      | DATE               |
| FIELD DATE 11-12-2021   |   |                  |                  |               |                    |
| FIELD BOOK NO. 21-08 MA | 90 PLEASANT VALLEY STREET   |                  |                  |               |                    |
| FIELD BOOK PG. 64       | MAP 910, BLOCK 79, LOT 1  |                  |                  |               |                    |
| FIELD CREW J.S.A.       | CITY OF METHUEN, ESSEX COUNTY   |                  |                  |               |                    |
| DRAWN: R.J.K.           | COMMONWEALTH OF MASSACHUSETTS   |                  |                  |               |                    |
| REVIEWED: R.J.K.        | ALBANY, NY 1218-217-5010<br>CHAFFONT, PA 1215-712-9890<br>HAUPPAUGE, NY 631-580-2645<br>MANHATTAN, NY 631-267-2099<br>MT LAUREL, NJ 609-257-2099<br>WARREN, NJ 908-668-0099 | APPROVED: G.L.H. | DATE: 12-28-2021 | SCALE: 1"=20' | FILE NO. 03-210482 |
| DWG. NO. 2 OF 2         |   |                  |                  |               |                    |