

ENGINEERING | SITE WORK | LAND SURVEYING

December 7, 2018

City of New Bedford Planning Board Ms. Tabitha Harkin, City Planner 133 William Street New Bedford, MA 02740

RE: Revised Site Plan Submittal 2904 & 2914 Acushnet Avenue New Bedford, MA 02745

Dear Ms. Harkin and Board Members:

Please find enclosed with this letter, site plans entitled "Site Plan – 2904 & 2914 Acushnet Avenue – Assessors Map 130D Lots 117, 247, 248 & 447 – New Bedford, Massachusetts" last revised 12/07/18 by Farland Corp. These plans have been revised in response to comments provided in the City of New Bedford Department of Planning, Housing & Community Development Staff Report dated December 4, 2018. Plans have been revised in the following manner:

- 1. Stone walls to be retained on the north and south property lines are shown on the plans (Refer to CFG 3.0-8.0).
- 2. A bicycle rack has been shown on the plan within the concrete walk on south side of proposed convenience store building (Refer to CFG 4.0).
- 3. Pavement markings have been revised to ensure proper site circulation (Refer to CFG 4.0).
- 4. The property line separating the "car wash" lot and the "convenience store" lot has been shown on the plan (Refer to CFG 4.0).
- 5. Three additional parking spaces have been added to the east of the proposed air tower and transformer pad (Refer to CFG 4.0).
- 6. Numbered parking spaces at proposed fuel dispensers have been removed (Refer to CFG 4.0).
- 7. Proposed landscaping in the area of the proposed car wash sign has been revised (Refer to CFG 8.0).

Based on historical data from actual usage in similarly equipped car wash facilities, our proposed development of a 2 bay car wash will likely use an average of 45 gallons of water per car. Projected volume of 25,000 cars per year, would put the average daily usage at roughly 3,000 gallons per day. Based on the drawings and the local and state requirements for the proposed car wash, the car wash water will go into pits in the bay where heavy sediment will settle out, it will then travel out to an oil/water separator, and then out to the city sanitary sewer line thus meeting the requirements. Please note that chemicals used in the wash process are bio-degradable and environmentally friendly.

We plan on discussing the hours of operation at the Public Hearing.

We trust the attachments noted above and included herewith will provide the necessary documentation to address your comments. If you should have any additional questions, please feel free to contact us.

Very truly yours,

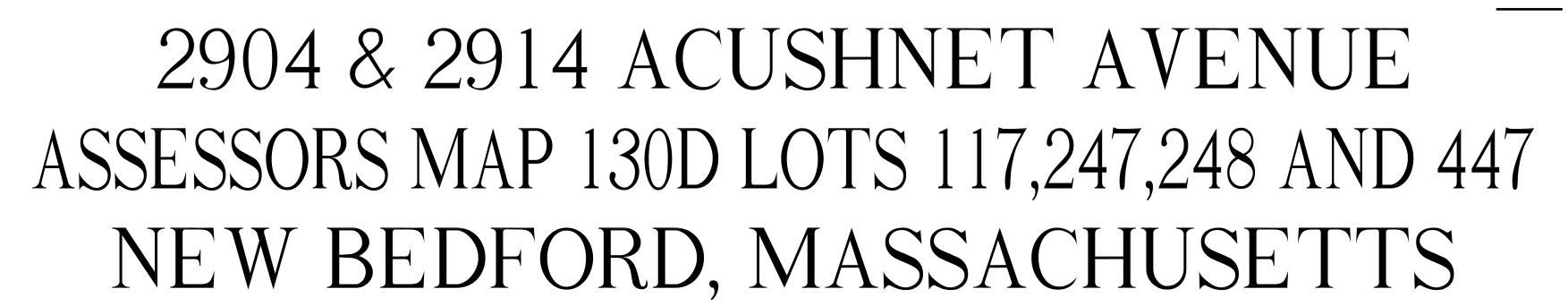
FARLAND CORP., INC.

Christian A. Farland

Christian A. Farland, P.E., LEED AP Principal Engineer and President

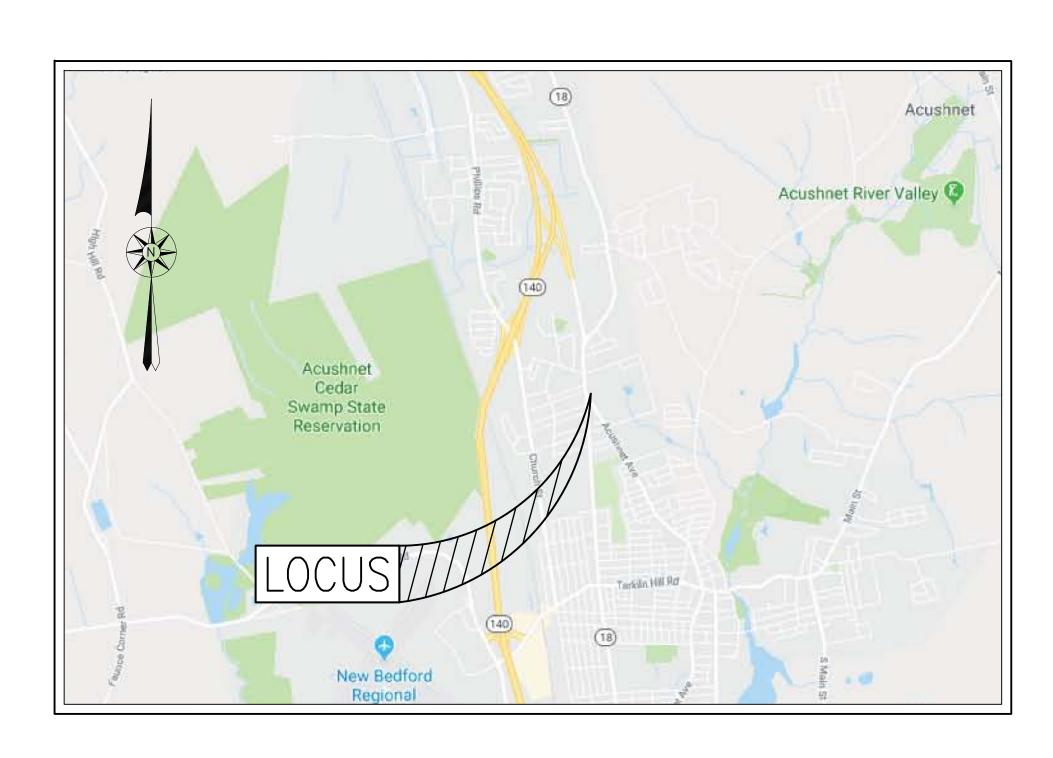
# SITE PLAN



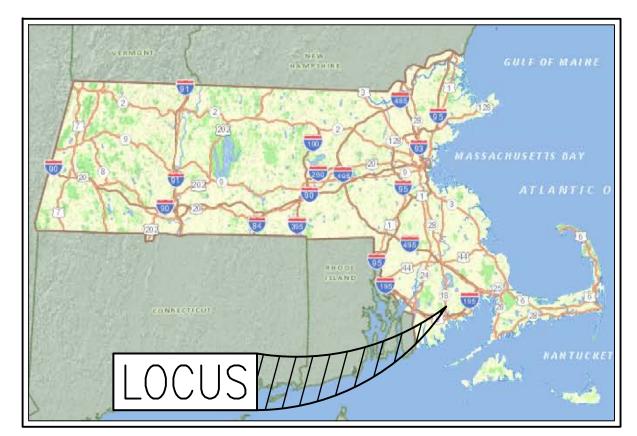


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SAC	SLOPED GRANITE CURB	SGC
VCC	VERTICAL CONCRETE CURB	VCC
ВСС	BITUMINOUS CONCRETE CURB	BCC
CCB	CAPE COD BERM	CCB
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·O-	UTILITY POLE	

**GUY WIRE** 

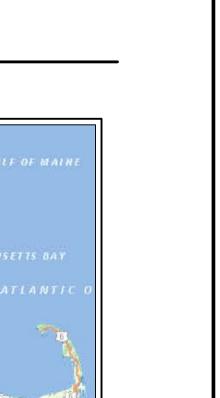


——AREA MAP——
SCALE: 1"=2,000'±



# - STATE LOCUS -

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CW-A-200	EXTERIOR ELEVATIONS
CW-X-101	UTILITY COORDINATION PLAN





www.FarlandCorp.com
401 COUNTY STREET
NEW BEDFORD, MA 0274
P.508.717.3479

TAUNTONMARLBOROUGHWARWICK, RI

DRAWN BY: JKM

DESIGNED BY: CAF

TE PLAN

A ACUSHNET AVENUE

OD LOTS 117, 247, 248, & 447

RD, MASSACHUSETTS

ES

ASSESSORS MAP 130D

NEW BEDFORE
FOR: 14 BREAKNECK HILL ROAD, SUIT

NOVEMBER 7, 2018

SCALE: AS NOTED

JOB NO. 17-1134

LATEST REVISION:

120718

COVER SHEET CFG00.0

#### **GENERAL CONSTRUCTION NOTES**

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- PROPERTY LINE SURVEY PERFORMED BY FARLAND CORP. IN NOVEMBER OF 2017.
- VERTICAL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988 AND HORIZONTAL LOCATIONS REFER TO THE NORTH AMERICAN DATUM (NAD) OF 1983.
- 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL STANDARDS AND REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
- ALL BENCHMARKS SHOWN ON THIS PLAN ARE TO BE CHECKED FOR CONSISTENCY BY THE CONTRACTOR. ANY
- DISCREPANCIES MUST BE RESOLVED BY THIS OFFICE PRIOR TO CONSTRUCTION. WHERE PROPOSED PAVEMENT AND WALKS ARE TO MEET EXISTING, THE CONTRACTOR SHALL SAWCUT A NEAT LINE
- AND MATCH GRADE. SEAL ALL JOINTS WITH HOT BITUMINOUS ASPHALT JOINT SEALER. CURBING TO BE AS INDICATED ON THE PLANS.
- ALL EXISTING TREES, SHRUBS AND GROUND COVER WHERE NATURAL GRADE IS TO BE RETAINED SHALL BE KEPT IN THEIR EXISTING STATE UNLESS REMOVAL IS REQUIRED FOR CONSTRUCTION PURPOSES.
- 10. ALL AREAS DISTURBED BY CONSTRUCTION AND NOT TO BE PAVED OR OTHERWISE TREATED AS NOTED ON PLAN
- SHALL BE TREATED WITH 6" OF LOAM, SEEDED AND HAY MULCHED FOR EROSION CONTROL.
- 11. ALL HANDICAP PARKING, RAMPS AND ACCESS SHALL CONFORM TO AAB AND MAAB REQUIREMENTS. 12. LIGHTING SHALL BE DIRECTED ON SITE AND AWAY FROM TRAFFIC INTERFERENCE.
- 13. TEST PITS AND/OR BORINGS WERE TAKEN FOR THE PURPOSE OF DESIGN AND SHOW CONDITIONS AT BORING POINTS ONLY. THEY DO NOT NECESSARILY SHOW THE NATURE OF ALL MATERIALS TO BE ENCOUNTERED DURING
- 14. THE CONTRACTOR SHALL PROTECT AND/OR CAP OFF ALL EXISTING ON-SITE UTILITY SERVICES ACCORDING TO THE LOCAL AUTHORITY'S SPECIFICATIONS. SERVICES SHALL BE CAPPED OFF WHERE SAME ENTER THE PERIMETER OF
- 15. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS. SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
- 16. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION. 17. ANY MINOR MODIFICATIONS TO THE INFORMATION SHOWN ON THE APPROVED PLANS SHALL BE SUBMITTED TO THE
- CITY PLANNER AND CITY ENGINEER AS A MINOR PLAN REVISION FOR APPROVAL PRIOR TO THE WORK BEING 18. ANY WORK AND MATERIAL WITHIN THE CITY RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF NEW BEDFORD
- REQUIREMENTS 19. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO MUTCD REQUIREMENTS.

# **CONSTRUCTION SEQUENCING NOTES**

- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION. EROSION CONTROL SHALL CONFORM TO THE CITY OF NEW BEDFORD CONSERVATION COMMISSION REQUIREMENTS AS STATED IN THE ORDER OF CONDITIONS.
- 2. THE CONTRACTOR SHALL OBTAIN A STREET DISTURBANCE AND OBSTRUCTION PERMIT PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
- 3. ALL WATER AND SEWER MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CITY OF NEW BEDFORD
- REQUIREMENTS. 4. ALL WATER AND SEWER CONSTRUCTION SHALL BE INSTPECTED BY THE CITY OF NEW BEDFORD BEFORE BEING
- BACKFILLED.
- THE CITY SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE REQUIRED INSPECTIONS. 6. TREE PROTECTION FENCE SHALL BE INSTALLED AND APPROVED BY THE OWNER REPRESENTATIVE PRIOR TO ANY
- ALL PERMANENT DITCHES AND SWALES ARE TO BE STABILIZED WITH VEGETATION OR RIP RAP PRIOR TO DIRECTING
- RUNOFF TO THEM.
- CLEAR CUT, DEMOLISH AND DISPOSE OF EXISTING SITE ELEMENTS NOT TO REMAIN. 9. STORMWATER SHALL NOT BE DIRECTED TOWARDS THE INFILTRATION BASINS UNTIL THE ENTIRE CONTRIBUTING
- DRAINAGE AREA HAS BEEN STABILIZED 10. GRADE AND GRAVEL ALL PAVED AREAS. ALL PROPOSED PAVED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER
- GRADING. 11. BEGIN ALL PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED
- AND MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION. 12. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES AND MULCH AND SEED
- AS REQUIRED.
- 13. FINISH PAVING ALL HARD SURFACE AREAS.
- 14. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES. 15. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 16. REMOVE TEMPORARY EROSION CONTROL MEASURES
- 17. THE CONSTRUCTION SEQUENCE SHALL BE CONFINED TO THE LIMIT OF WORK AS SHOWN ON THE DRAWINGS. 18. UPON COMPLETION OF CONSTRUCTION THE OWNER SHALL AGREE TO MAINTAIN AND CLEAN ALL DRAINAGE STRUCTURES AS REQUIRED.

### SITE PREPARATION NOTES

- WITHIN THE LIMIT OF WORK LINE AS NOTED ON THE SITE PLANS, REMOVE AND DISCARD ALL CONCRETE PAVEMENT, BITUMINOUS CONCRETE PAVEMENT, BRICK PAVEMENT, TOP SOIL, MULCH, TRASH, DEAD TREES AND STUMPS, SHRUBBERY, CHAIN LINK FENCE POSTS, RAILS, FABRIC, GATES, FOOTINGS AND ALL APPURTENANCES, BOLLARDS, POSTS, CONCRETE FOOTINGS AND FOUNDATIONS, WALLS AND CURBS UNLESS OTHERWISE NOTED. THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED AND WILL REVIEW THE WORK ON SITE WITH THE CONTRACTOR BEFORE ANY WORK SHALL COMMENCE.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK. 2월4. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO
- CONTRACTOR OPERATIONS.  $\frac{1}{2}$   $\stackrel{?}{=}$   $\stackrel{?}{=}$  5. All items to be removed that are not stockpiled for later reuse on the project or delivered to
- THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS EFFORTS OF THE DEMOLITION WITH ALL TRADES. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE
- UTILITY COMPANY. THE CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADES AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.

#### LAYOUT AND MATERIAL NOTES

- CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
- TO THE OWNER'S REPRESENTATTIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAILS CONTIGUOUS TO THE BUILDING INCLUDING SIDEWALKS, RAMPS, UTILITY ENTRANCE LOCATIONS, WALL PACKS, CONCRETE DOOR PADS, ROOF DRAINS,

ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY

- 출호우4. ACCESSIBLE CURB RAMPS SHALL BE PER THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBLITY GUIDELINES. WHICHER IS MORE STRINGENT.
- THE FOLLOWING LAYOUT CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN:
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING.
- ALL DIMENSIONS ARE TO FACE OF CURB AT GUTTER LINE
- ALL DIMENSIONS ARE TO CENTER OF PAVEMENT MARKINGS.
- ALL TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS OTHERWISE NOTED.

#### UTILITY AND GRADING NOTES

MEET OR EXCEED ALL LOCAL MUNICIPAL REQUIREMENTS.

- THE CONTRACTOR SHALL OBTAIN A STREET DISTURBANCE & OBSTRUCTION PERMIT PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
- ALL WATER AND SEWER MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CITY OF NEW BEDFORD REQUIREMENTS.
- ALL WATER AND SEWER CONSTRUCTION SHALL BE INSPECTED BY THE CITY OF NEW BEDFORD BEFORE BEING
- BACKFILLED. 4. THE CITY SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE REQUIRED INSPECTIONS.
- 5. ALL ON-SITE STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR RCP, UNLESS NOTED OTHERWISE.
- DENSITY POLYETHYLENE PLASTIC AND SHALL BE ADS N-12 PIPE AS MANUFACTURED BY ADVANCE DRAINAGE SYSTEM, INC. OR HANCOR HI Q PIPE AS MANUFACTURED BY HANCOR, INC. OR APPROVED EQUAL UNLESS OTHERWISE NOTED OR DETAILED.

HDPE PIPE SHALL CONFORM WITH AASHTO DESIGNATIONS M294 AND M252, SHALL BE MANUFACTURED WITH HIGH

- 7. A MINIMUM OF 18" VERTICAL CLEARANCE SHALL BE MAINTAINED WHERE WATER SERVICES CROSS STORM DRAIN
- ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO A POINT OF 10 FEET FROM THE BUILDING WALL UNLESS OTHERWISE NOTED OR DETAILED.
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 4 FEET OF COVER AND A MAXIMUM OF 5.5 FEET OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE. GREATER DEPTHS ARE PERMITTED WHERE REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES.
- 10. GENERALLY, WATER MAIN FITTINGS IDENTIFIED ON THIS DRAWING ARE SHOWN FOR INSTALLATION LOCATION PURPOSE. THE CONTRACTOR SHALL NOTE THAT NOT ALL FITTINGS ARE NOTED, SHOWN OR INDICATED.
- 11. ALL WATER MAIN FITTINGS, TEES, BENDS, HYDRANTS, ETC. SHALL BE RESTRAINED WITH CONCRETE THRUST BLOCKS. 12. DOMESTIC WATER SERVICES 2.5" AND SMALLER SHALL BE TYPE K COPPER TUBING AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED CORPORATION STOP AND APPROVED SADDLE CURB STOP, AND BOX, USING MATERIALS
- SPECIFIED BY THE MUNICIPAL WATER DEPARTMENT OR COMPANY. 13. ALL WATER MAIN APPURTENANCES. MATERIALS. METHODS OF INSTALLATION AND TESTING REQUIREMENTS SHALL
- 14. PRESSURE AND LEAKAGE TEST, DISINFECTION AND FLUSHING SHALL BE IN ACCORDANCE WITH ALL LOCAL MUNICIPAL STANDARDS AND REQUIREMENTS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL COSTS IN CONNECTION WITH UTILITY TESTS, FLUSHING AND INSPECTIONS AS REQUIRED BY THE LOCAL MUNICIPALITY. 15. PRIMARY WATER METER AND BACKFLOW PREVENTER SHALL BE LOCATED AT THE POINT WHERE THE WATER LINE
- ENTERS THE BUILDING UNLESS OTHERWISE NOTED OR DETAILED ON THE DRAWINGS. 16. ALL GRAVITY SEWER PIPE SHALL BE PVC PER ASTM D3034. SDR-35 AND ASTM D1784 WITH RUBBER GASKET
- WHERE SANITARY SEWERS CROSS WATER LINES, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST EIGHTEEN INCHES BELOW THE INVERT OF THE WATER MAIN. IF THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT. THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR CONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF TEN FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AS THE SEWER AS POSSIBLE. IF MECHANICAL JOINT PIPE IS NOT USED THAN BOTH THE WATER MAIN AND SANITARY SEWER SHALL BE ENCASED IN CONCRETE FOR A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
- 18. DUE TO THE SMALL SCALE OF THE SITE WORK DRAWINGS, EXACT LOCATION OF UTILITY STUBS FOR BUILDING CONNECTIONS SHALL BE VERIFIED WITH THE BUILDING DRAWINGS. SERVICE STUBS TO THE BUILDING SHALL BE INSTALLED TO A POINT 10 FEET FROM THE BUILDING WALL UNLESS OTHERWISE NOTED OR DETAILED.
- PREVENT HEAVY EQUIPMENT FROM COMPACTING THE UNDERLYING SOIL. 20. WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH
- TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS AND STRUCTURES.

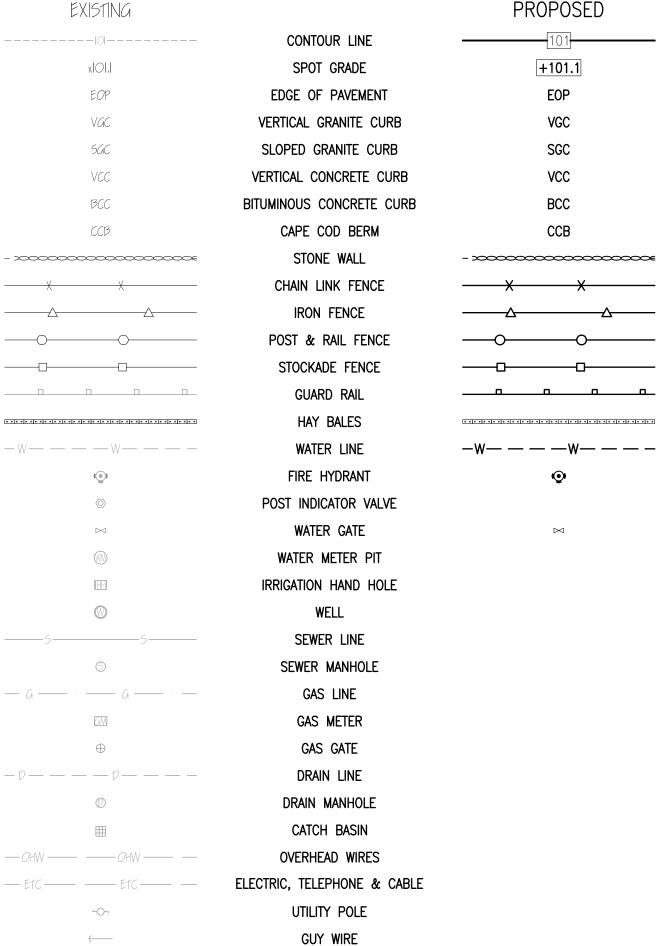
19. BEFORE THE DEVELOPMENT SITE IS GRADED, THE AREA OF THE DRAINAGE BASINS SHOULD BE FENCED OFF TO

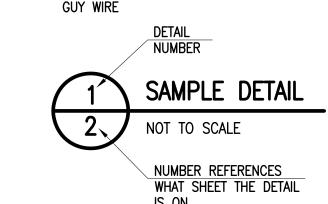
- 22. MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED. 23. CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
- 24. CONTRACTOR SHALL ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
- 25. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION OF THE CONFLICT.
- 26. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ALL GAS, ELECTRIC TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- 27. ELECTRICAL DUCT BANK LOCATION IS SHOWN FOR COORDINATION PURPOSES, REFER TO ELECTRICAL PLANS FOR SECTIONS AND DETAILS OF THE UTILITY DUCT BANK.
- 28. THE LOCATION, SIZE, DEPTH AND SPECIFICATIONS FOR CONSTRUCTION OF PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY AND APPROVED BY THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE AND ELECTRICAL). FINAL DESIGN AND LOCATIONS AT THE BUILDING WILL BE PROVIDED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITY CONNECTIONS WITH THE RESPECTIVE COMPANIES PRIOR TO ANY UTILITY CONSTRUCTION.

# **GENERAL PLANTING NOTES**

- 1. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE PLANT MATERIAL WILL BE UNACCEPTABLE. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY, SIZE AND BE CERTIFIED DISEASE AND INSECT FREE. THE OWNER AND/OR THE LANDSCAPE ARCHITECT RESERVES THE
- RIGHT TO APPROVE ALL PLANT MATERIAL ON SITE PRIOR TO INSTALLATION. ALL PLANT MATERIAL SHALL BE PROPERLY GUYED, STAKED, WRAPPED, AND PLANTED IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS. GUY WIRES SHALL BE ATTACHED TO THE TREE AT A HEIGHT OF TWO-THIRDS THE HEIGHT OF THE TREE AND SHOULD BE LOCATED AT POINTS SO AS NOT TO SPLIT THE TRUNK OF MULTI-STEMMED TREES. PROVIDE THREE STAKES PER TREE UNLESS NOTED OTHERWISE INSTALL ALL PLANT MATERIAL ON UNDISTURBED GRADE. PROVIDE BURLAP WRAPPING WITH A 50% OVERLAP. CUT AND REMOVE BURLAP FROM TOP ONE-THIRD OF THE ROOT BALL.
- PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH ONE PART EACH OF TOP SOIL, PEAT MOSS, AND PARENT MATERIAL. IF WET SOIL CONDITIONS EXIST THEN PLANTING PITS SHALL BE EXCAVATED AN ADDITIONAL 12" AND FILLED WITH SAND.
- 4. NEWLY INSTALLED PLANT MATERIAL SHALL BE WATERED AT THE TIME OF INSTALLATION AND SHALL BE SUBSEQUENTLY FLOODED TWICE WITHIN TWENTY-FOUR (24) HOURS OF PLANTING. REGULAR WATERING SHALL BE PROVIDED TO ENSURE THE ESTABLISHMENT, GROWTH AND SURVIVAL OF ALL PLANTS.
- ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE. ANY PLANT MATERIAL THAT DIES WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING THE STUMP, AND REPLACED WITH MATERIAL OF SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE DEVELOPER. THE REPLACED PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE REPLACEMENT DATE.
- 6. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A MINIMUM 6" LAYER OF TOPSOIL IN ALL LAWN AREAS AND A MINIMUM OF 6" OF TOPSOIL IN ALL PLANTING AREAS. A FULL SOIL ANALYSIS SHALL BE CONDUCTED AFTER CONSTRUCTION AND PRIOR TO PLANTING TO DETERMINE THE EXTENT OF SOIL AMENDMENT REQUIRED.
- 7. ALL DISTURBED LAWN AREAS SHALL BE STABILIZED WITH EITHER SOD OR SEED AS INDICATED ON THE LANDSCAPE PLANS. SEED SHALL CONSIST OF THE MIXTURE LISTED IN THE GENERAL SEEDING NOTES. ALL DISTURBED LAWN AREAS SHALL BE TOP SOILED, LIMED, FERTILIZED, AND FINE GRADED PRIOR TO LAWN INSTALLATION.
- 8. ALL PLANTING BEDS SHALL RECEIVE 4" OF SHREDDED PINE, CEDAR OR HEMLOCK BARK.
- 9. ALL SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS.
- 10. ALL TREES ARE TO BE GUYED, 3 EACH, UNLESS OTHERWISE NOTED ON PLAN.
- 11. ALL DECIDUOUS TREES ARE TO BE WRAPPED, WITH TREE WRAP, UP TO THE FIRST BRANCHING AND SECURED. 12. THE LANDSCAPE CONTRACTOR IS TO PERFORM ALL CONTRACTED WORK IN A REASONABLE PERIOD OF CONTINUOUS
- 13. THE LANDSCAPE CONTRACTOR IS TO MAINTAIN PLANT MATERIAL WHILE THE PROJECT IS UNDERWAY AND FOR A
- PERIOD OF TWO WEEKS AFTER THE COMPLETION OF THE PROJECT UNLESS OTHERWISE SPECIFIED. 14. THE CONTRACTOR IS TO CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE, CAUSED BY THE LANDSCAPE CONTRACTOR.

# **LEGEND**





#### SOIL EROSION AND SEDIMENT CONTROL NOTES

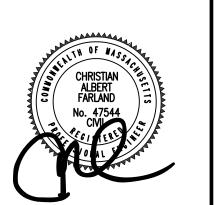
SEDIMENT AND BE PLACED SO AS NOT TO CAUSE EROSION OF THE DOWNSTREAM AREA.

- 1. SOIL EROSION AND SEDIMENT CONTROL PRACTICES IN THE PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- 2. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY DEMOLITION GRADING OPERATIONS AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- 3. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
- ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT. 5. THE MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING AND IMMEDIATELY AFTER CONSTRUCTION RESTS WITH THE GENERAL CONTRACTOR. UPON ACCEPTANCE OF THE PROJECT, THE OWNER SHALL BECOME RESPONSIBLE FOR MAINTENANCE OF ANY REMAINING MEASURES AND
- FACILITIES. 6. OFF SITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE ENGINEER.
- 7. THE CONSERVATION COMMISSION AND/OR ENGINEER MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DIRECTED BY THE DISTRICT ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS AT ALL TIMES.
- THE CONTRACTOR SHALL UTILIZE ALL METHODS NECESSARY TO PREVENT BLOWING AND MOVEMENT OF DUST FROM THE EXPOSED SOIL SURFACES.
- 10. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. 11. A CRUSHED STONE TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ENTRANCE EXISTS. SEE LOCATION DETAIL ON PLAN.
- 12. ALL CATCH BASIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION AS DETAILED ON THE PLAN, IF APPLICABLE. 13. ALL STORM DRAINAGE OUTLETS SHALL BE PROTECTED AS REQUIRED HEREON BEFORE DISCHARGE POINTS BECOME OPERATIONAL.
- 14. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL
- FACILITIES. 15. LAND AREAS EXPOSED AT ANY ONE TIME AND THE LENGTH OF EXPOSURE SHALL BE KEPT TO A PRACTICAL MINIMUM. THEY SHALL BE LEFT IN A NEAT AND
- FINISHED APPEARANCE AND PROTECTED FROM EROSION. 16. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY
- RECEIVE A TEMPORARY SEEDING AND FERTILIZATION. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTRIBUTED AREAS SHALL BE MULCHED.
- 17. ALL CRITICAL AREAS SUBJECT TO EROSION SHALL RECEIVE A TEMPORARY SEEDING AND BE MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS IMMEDIATELY FOLLOWING ROUGH GRADING. 18. IMMEDIATELY AFTER COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL, SEED THE STOCKPILE WITH ANNUAL RYE GRASS. STABILIZE TOPSOIL STOCKPILES
- WITH STRAW MULCH FOR PROTECTION IF THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING. 19. SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF WETLANDS, THE FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITIES. THE BASE OF
- ALL STOCKPILES SHALL BE PROTECTED BY A HAY BALE BARRIER OR SEDIMENT FENCE. LOCATIONS ARE DELINEATED ON THE PLAN. 20. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
- 21. ALL AREAS NOT STABILIZED BY CONSTRUCTION, SODDING OR LANDSCAPING SHALL BE SEEDED AND STABILIZED IN ACCORDANCE WITH THE SEEDING AND MULCHING SPECIFICATIONS.

22. MULCHING IS REQUIRED ON ALL SEEDED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED TO PROMOTE EARLIER VEGETATIVE COVER.

23. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTRATION DEVICE. THE SEDIMENT FILTER MUST BE CAPABLE OF FILTERING THE

REVISIONS 120718 PER COMMENTS





**401 COUNTY STREET** NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON MARLBOROUGH •WARWICK, RI

DRAWN BY: JKM DESIGNED BY: CAF CHECKED BY: CAF

**ઝ** (∕) 248, SET 10 m NE NE SS CUSI LOTS ), MA 4 A 300 ORE SORS VEW CROWLEY

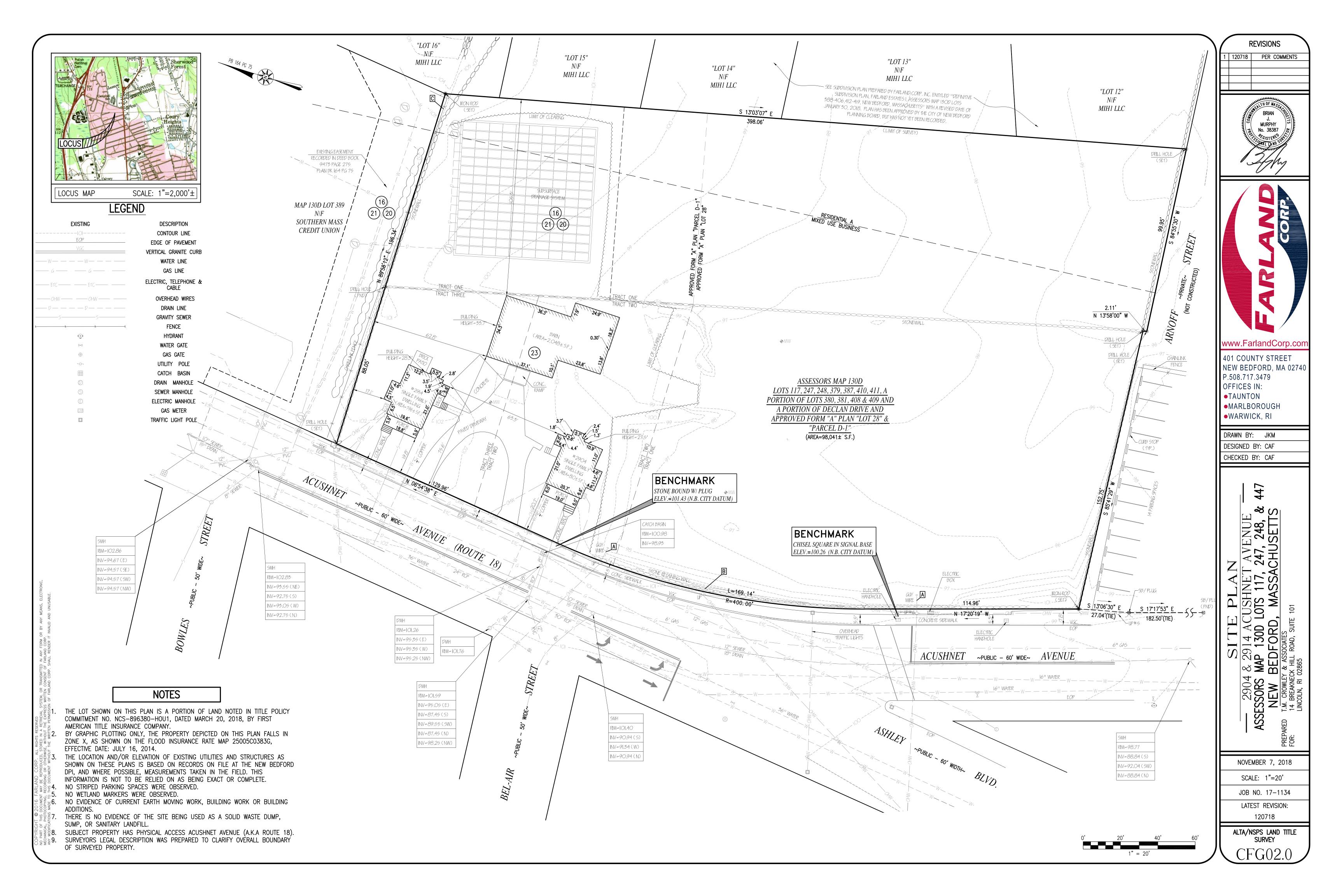
> NOVEMBER 7, 2018 SCALE: AS NOTED JOB NO. 17-1134

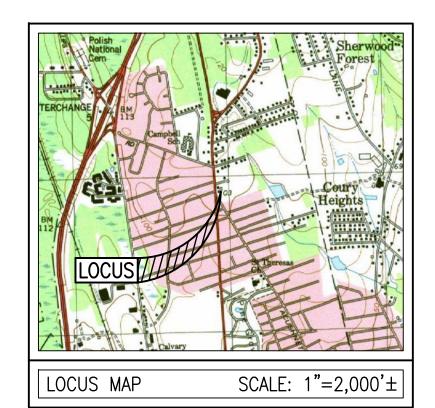
LATEST REVISION:

120718

ASSE

GENERAL NOTES





# LEGAL DESCRIPTION

REAL PROPERTY IN THE CITY OF NEW BEDFORD, COUNTY OF BRISTOL, COMMONWEALTH OF MASSACHUSETTS, DESCRIBED AS FOLLOWS:

AS TO TRACT ONE: ASSESSOR'S PARCEL 130D-117, 379, 380, 381, 387, 408, 409, 410 AND 411, NEW BEDFORD, MA

ASSESSOR'S PARCELS 130D-117, 379, 380, 381, 387, 408, 409, 410, 411 AND PART OF DECLAN DRIVE. SAID ASSESSOR'S PARCELS ARE A PORTION OF PARCELS A AND B SHOWN ON PLAN ENTITLED "SUBDIVISION OF LAND IN NEW BEDFORD, MASS., BELONGING TO ABIAH C. DEVOLL, TR.", DATED AUGUST 5, 1968 BY E.J. ENGINEERING CO., INC., RECORDED WITH SAID DEEDS, PLAN BOOK 82, PLAN 70 AND PARCEL C SHOWN ON PLAN ENTITLED "SUBDIVISION OF LAND IN NEW BEDFORD, MASS., BELONGING TO ODELIE CHAPDELAINE', DATED NOV. 10, 1975 BY GERALD MICHAEL FITZGERALD, REGISTERED LAND SURVEYOR, RECORDED WITH SAID DEEDS, PLAN BOOK 96, PLAN 23.

SEE ALSO PLAN ENTITLED "DEFINITIVE SUBDIVISION PLAN, STONEY BROOK FARM, NEW BEDFORD, MA.", DATED MAY 11, 2017 BY CAVANARO CONSULTING, RECORDED WITH SAID DEEDS, PLAN BOOK 177, PLAN 19 WHEREIN SAID ASSESSOR'S PARCELS ARE SHOWN AS PARCEL D, LOT 16 AND A PORTION OF LOTS 5, 6, 7 AND 8.

AS TO TRACT TWO: ASSESSOR'S PARCELS 130D-247, NEW BEDFORD, MA

PARCEL B SHOWN ON A PLAN ENTITLED "SUBDIVISION OF LAND IN NEW BEDFORD, MASS., BELONGING TO ODELIE CHAPDELAINE", DATED NOV. 10, 1975 BY GERALD MICHAEL FITZGERALD, REGISTERED LAND SURVEYOR, RECORDED WITH SAID DEEDS, PLAN BOOK 96, PLAN 23.

SAID PARCEL IS ALSO SHOWN AS "N/F BURGESS" ON ABOVE REFERENCED SUBDIVISION PLAN AT PLAN BOOK 177, PLAN 19.

AS TO TRACT THREE: ASSESSOR'S PARCELS 130D-248, NEW BEDFORD,

PARCEL A SHOWN ON PLAN ENTITLED "SUBDIVISION OF LAND IN NEW BEDFORD, MASS., BELONGING TO ODELIE CHAPDELAINE", DATED NOV. 10, 1975 BY GERALD MICHAEL FITZGERALD, RECORDED WITH SAID DEEDS, PLAN BOOK 96, PLAN 23.

SAID PARCEL IS ALSO SHOWN AS "N/F CHAPDELAINE" ON ABOVE REFERENCED SUBDIVISION PLAN AT PLAN BOOK 177, PLAN 19.

#### RECORD OWNERS

TITLE COMMITMENT PARCEL ONE

ASSESSOR'S PARCELS 130D-117, 379, 387, 410, 411, A PORTION OF PARCELS 130D-380, 381, 408 & 409 AND A PORTION OF DECLAN DRIVE NEW BEDFORD, MA. FORM-A PLAN ENTITLED "ACUSHNET AVENUE, ASSESSORS MAP 130D LOTS 117, 379-387,407-411, NEW BEDFORD, MASSACHUSETTS" DATED DECEMBER 14, 2017. MIH1 LLC

401 COUNTY STREET
NEW BEDFORD, MA 02740
DEED BOOK 12304 PAGE 200

TITLE COMMITMENT PARCEL TWO ASSESSORS MAP 130D LOT 247 KEVIN BURGESS 2904 ACUSHNET AVENUE NEW BEDFORD, MA 02745 DEED BOOK 11105 PAGE 298

PLAN BOOK 96 PAGE 23

TITLE COMMITMENT PARCEL THREE
ASSESSORS MAP 130D LOT 248
NEIL A. AND ERICA S. MEUNIER
2914 ACUSHNET AVENUE
NEW BEDFORD, MA 02745
DEED BOOK 8991 PAGE 270
PLAN BOOK 96 PAGE 23

#### PLAN REFERENCES

PLAN BOOK 82 PLAN 70 PLAN BOOK 96 PLAN 23 PLAN BOOK 177 PLAN 19

#### **EXCEPTIONS**

AS TO TRACT ONE: ASSESSOR'S PARCELS 130D-117, 379, 387, 410, 411, A PORTION OF PARCELS 130D-380, 381, 408 & 409 AND A PORTION OF DECLAN DRIVE NEW BEDFORD, MA

- EASEMENT AGREEMENT (SURFACE WATER DRAINAGE), DATED AUGUST 12, 2009, RECORDED WITH SAID DEEDS, BOOK 9473, PAGE 284. (PLOTTED)
- TERMINATION OF EASEMENTS, DATED AUGUST 14, 2009, RECORDED WITH SAID DEEDS, BOOK 9473, PAGE 272. (NO LONGER EFFECTS LOCUS, NOT PLOTTED)
- EASEMENT AGREEMENT (UTILITIES), DATED AUGUST 12, 2009, RECORDED WITH SAID DEEDS, BOOK 9473, PAGE 278. (PLOTTED)
- (21) EASEMENT AGREEMENT (SURFACE WATER DRAINAGE), DATED AUGUST 12, 2009, RECORDED WITH SAID DEEDS, BOOK 9473, PAGE 284. (DUPLICATE, SAME AS EXCEPTION 16) (PLOTTED)
- (22) EASEMENT AGREEMENT REGARDING RIGHT OF WAY, DATED SEPTEMBER 28, 2009, RECORDED WITH SAID DEEDS, BOOK 9527, PAGE 232. (DOES NOT EFFECT LOCUS) (NOT PLOTTED)
- AS TO TRACT TWO: ASSESSOR'S PARCELS 130D-247, NEW BEDFORD, MA
- AGREEMENT REGARDING BARN SET FORTH IN DEED OF GEORGE ERNEST CHAPDELAINE ET AL, DATED FEBRUARY 13, 1976, RECORDED WITH SAID DEEDS, BOOK 1714, PAGE 299. (PLOTTED)
- AS TO TRACT THREE: ASSESSOR'S PARCELS 130D-248, NEW BEDFORD, MA
- (NO PLOTTABLE EXCEPTIONS)

# SURVEYOR'S LEGAL DESCRIPTION

A CERTAIN PARCEL OF LAND IN THE CITY OF NEW BEDFORD MASSACHUSETTS ON THE EASTERLY SIDE OF ACUSHNET AVENUE. BEGINNING AT A POINT ON THE EASTERLY LINE OF ACUSHNET AVENUE, SAID POINT BEING THE SOUTHWESTERLY CORNER OF LAND NOW OR FORMERLY BELONGING TO SOUTHERN MASS CREDIT UNION AND THE NORTHWESTERLY CORNER OF THE HEREIN DESCRIBED PARCEL:

THENCE RUNNING ALONG SAID SOUTHERN MASS CREDIT UNION LAND N89°58'12"E, 196.34 FEET TO A CORNER AND LAND NOW OR FORMERLY BELONGING TO MIH1 LLC, ALSO KNOWN AS FARLAND ESTATES I SUBDIVISION;

THENCE TURNING AND RUNNING ALONG SAID MIH1 LLC LAND S13'03'07"E, 398.06 FEET BY LOTS 12 THROUGH 16 OF FARLAND ESTATES I SUBDIVISION TO ARNOFF STREET;

THENCE TURNING AND RUNNING ALONG SAID ARNOFF STREET S84°55'30"W, 99.95 FEET TO A CORNER;

THENCE TURNING AND RUNNING STILL ALONG SAID ARNOFF STREET N13°58'00"W, 2.11 FEET TO A CORNER;

THENCE TURNING AND RUNNING STILL ALONG SAID ARNOFF STREET S85°41'29"W, 152.75 FEET TO ACUSHNET AVENUE

THENCE TURNING AND RUNNING ALONG SAID ACUSHNET AVENUE N17\*20'19"W, 114.96 FEET TO A POINT OF CURVATURE;

THEN TURNING AND RUNNING STILL ALONG SAID ACUSHNET AVENUE BY A CURVE TO THE RIGHT HAVING A RADIUS OF 400.00 FEET, A DISTANCE OF 169.14 FEET, TO A POINT OF TANGENCY;

THENCE CONTINUING STILL ALONG SAID ACUSHNET AVENUE NO6°54'38"E, 129.96 FEET LAND OF SAID SOUTHERN MASS CREDIT UNION AND POINT OF BEGINNING.

SAID PARCEL CONTAINS 98,041 SQUARE FEET, MORE OR LESS.

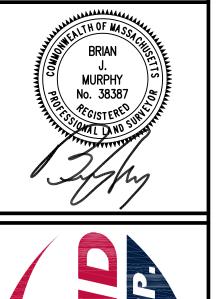
#### POSSIBLE ENCROACHMENTS

- A GUY WIRE BETWEEN LOCUS AND ACUSHNET AVENUE
- B STONE WALL BETWEEN LOCUS AND ACUSHNET AVENUE
- C CHAINLINK FENCE BETWEEN LOCUS AND ASSESSORS LOT 389

#### **CERTIFICATION**

THIS IS TO CERTIFY TO CUMBERLAND FARMS, INC. AND FIRST AMERICAN TITLE INSURANCE COMPANY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 7(a), 7(b)(1), 7(c), 8, 9, 11, 13, 14, 16, 17, 18, 19 AND 20 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON JANUARY 26, 2018.

BY: PROFESSIONAL LAND SURVEYOR: BRIAN J. MURPHY DATE



**REVISIONS** 

120718 PER COMMENTS



401 COUNTY STREET
NEW BEDFORD, MA 02740
P.508.717.3479
OFFICES IN:
•TAUNTON
•MARLBOROUGH
•WARWICK, RI

DRAWN BY: JKM

DESIGNED BY: CAF

CHECKED BY: CAF

SITE PLAN

SITE PLAN

ASSESSORS MAP 130D LOTS 117, 247, 248, & 447

NEW BEDFORD, MASSACHUSETTS

14 BREAKNECK HILL ROAD, SUITE 101

LINCOLN, RI 02865

NOVEMBER 7, 2018

JOB NO. 17–1134

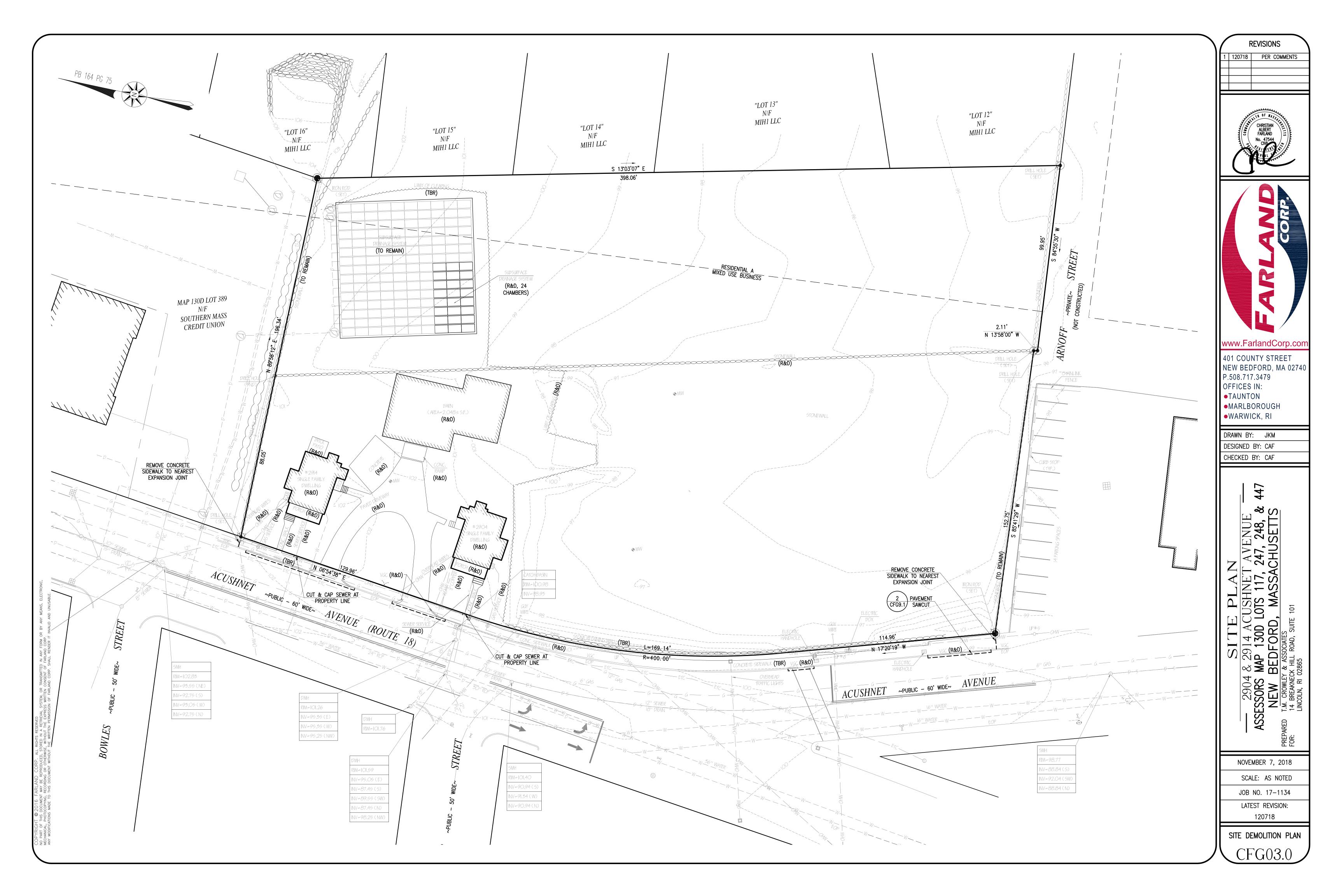
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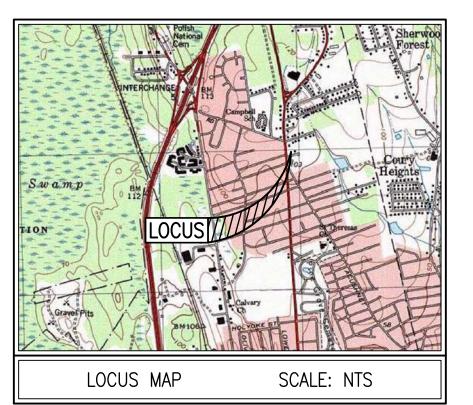
ALTA/NSPS LAND TITLE SURVEY

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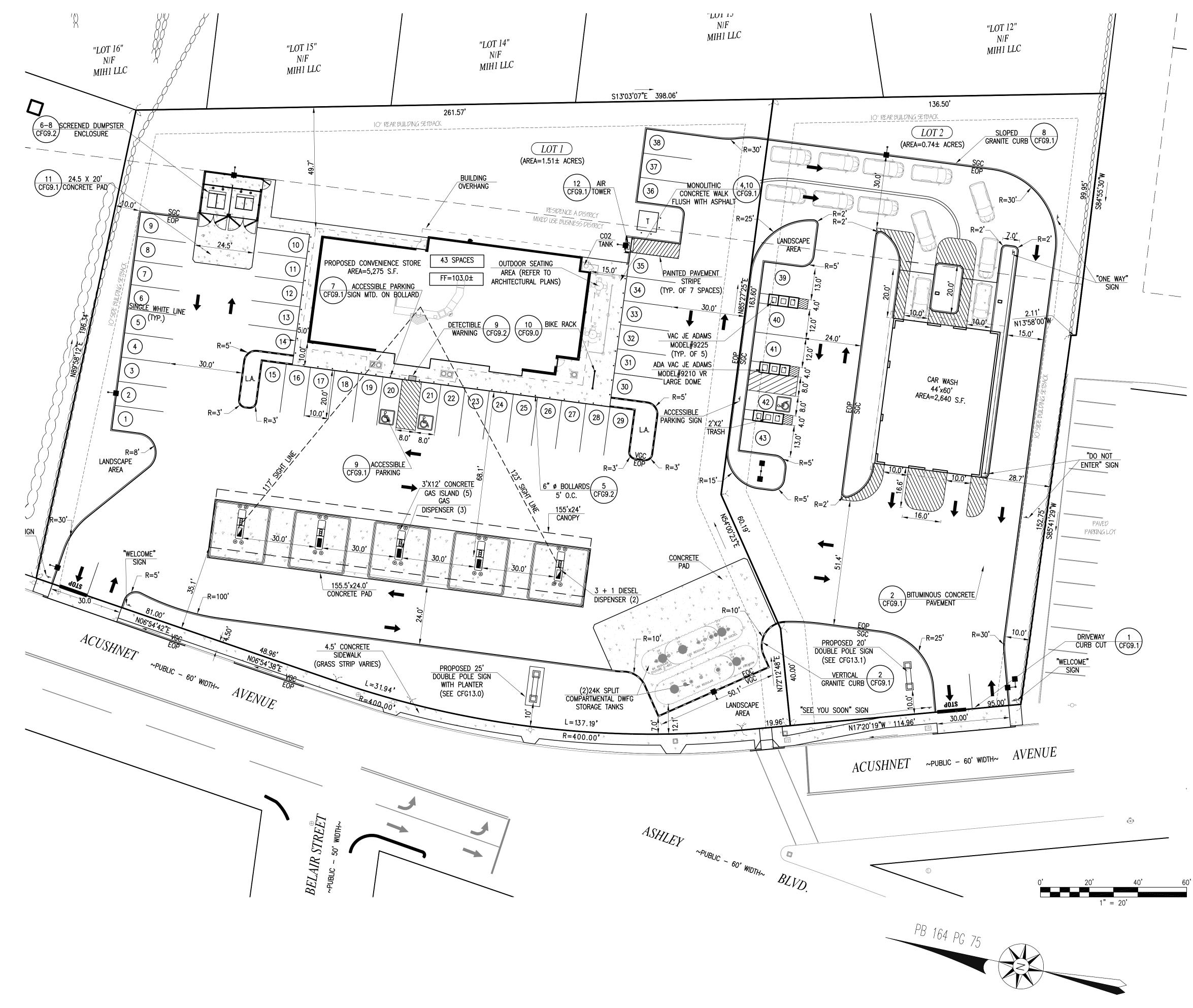
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0' 20' 40' 6





ZC	NING DATA TABL	E -				
PROJECT DATA						
TOTAL SITE AREA	2.25± ACRES					
BUILDING FOOTPRINT	5,275 S.F. CUMBERLAND 2,640 S.F. CAR WASH	5,275 S.F. CUMBERLAND FARMS 2,640 S.F. CAR WASH				
TOTAL PARKING REQUIRED	•	RETAIL:1 SPACE/200 S.F. CAR WASH: 1 SPACE/400 S.F.				
	5,275/200 = 27 SPACES 2,640/400 = 7 SPACES					
TOTAL PARKING PROVIDED	43					
LAND INFORMATION	•					
ASSESSORS MAP	130D					
BLOCK/LOT NUMBER	LOTS 117, 247, 248, 447					
ZONING INFORMATION	ZONING INFORMATION OB NEW BEDFORD WEBSITE,	TAINED FROM THE CITY OF DOWNLOADED 08/23/17				
ZONING DISTRICT	MUB DISTRICT AND RESIDENCE A					
MIN. LOT AREA	REQUIRED	PROVIDED				
	15,000 S.F.	98,044 S.F.				
MIN. FRONTAGE	REQUIRED	PROVIDED				
	0 FT	414.05 FT				
BUILDING HEIGHT LIMIT	REQUIRED	PROVIDED				
	7 STORIES OR 100 FT	32.83 FT				
MAX. LOT COVERAGE	REQUIRED	PROVIDED				
	70%	70.0%				
STRUCTURE SETBACKS	REQUIRED	PROVIDED				
FRONT YARD	0 FT	35.1 FT				
SIDE YARD	10 FT	28.7 FT				
REAR YARD	10 FT	49.7 FT				
LANDSCAPING/OPEN SPACE	MINIMUM OPEN SPACE IS	30%				
DOT INFORMATION						
CURB CUT PERMIT	REQUIRED					
MAJOR ROAD JURISDICTION	ACUSHNET AVENUE - CI	TY LAYOUT - LOCAL				
MINOR ROAD JURISDICTION	N/A					





NOVEMBER 7, 2018

SCALE: 1"=20'

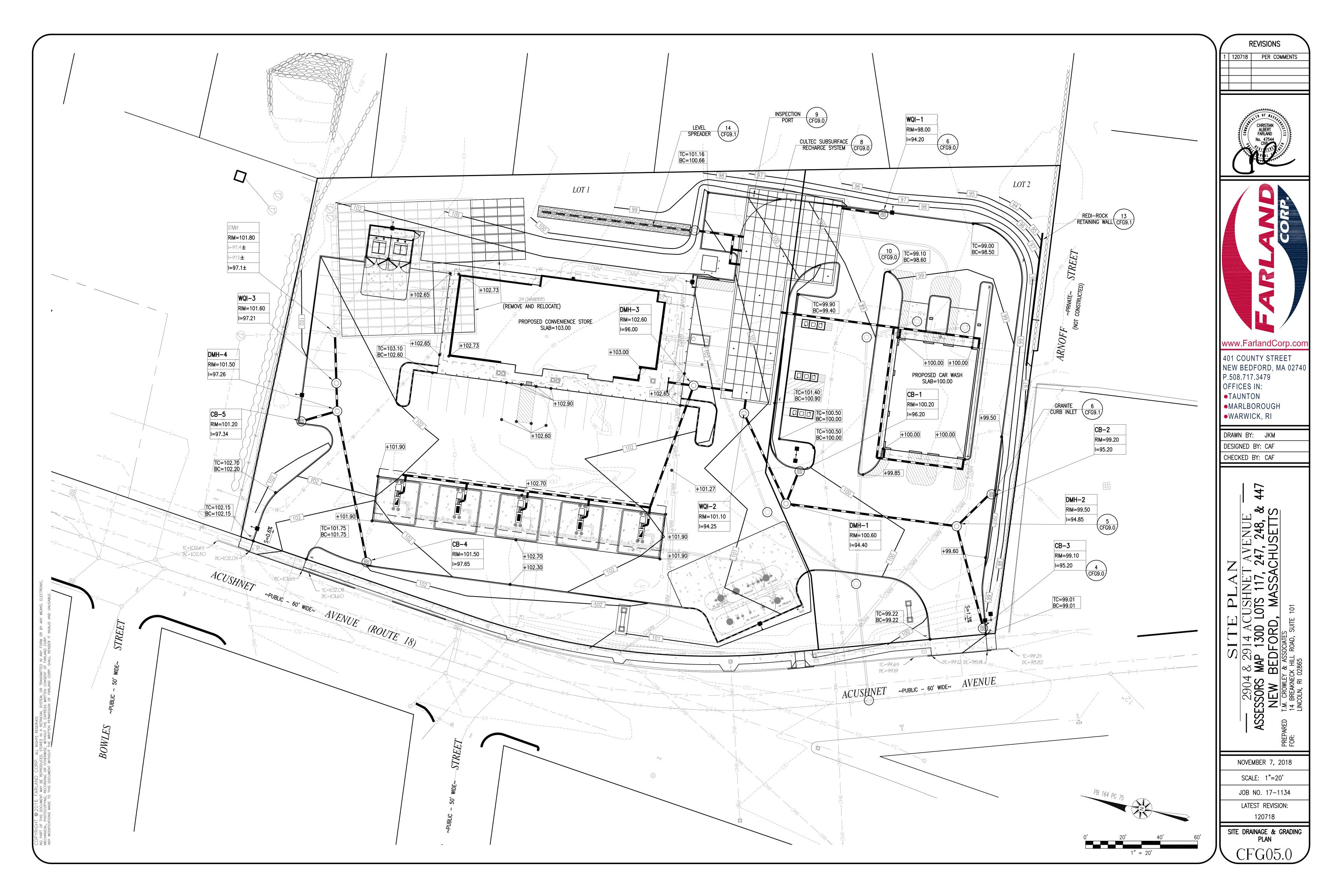
JOB NO. 17-1134

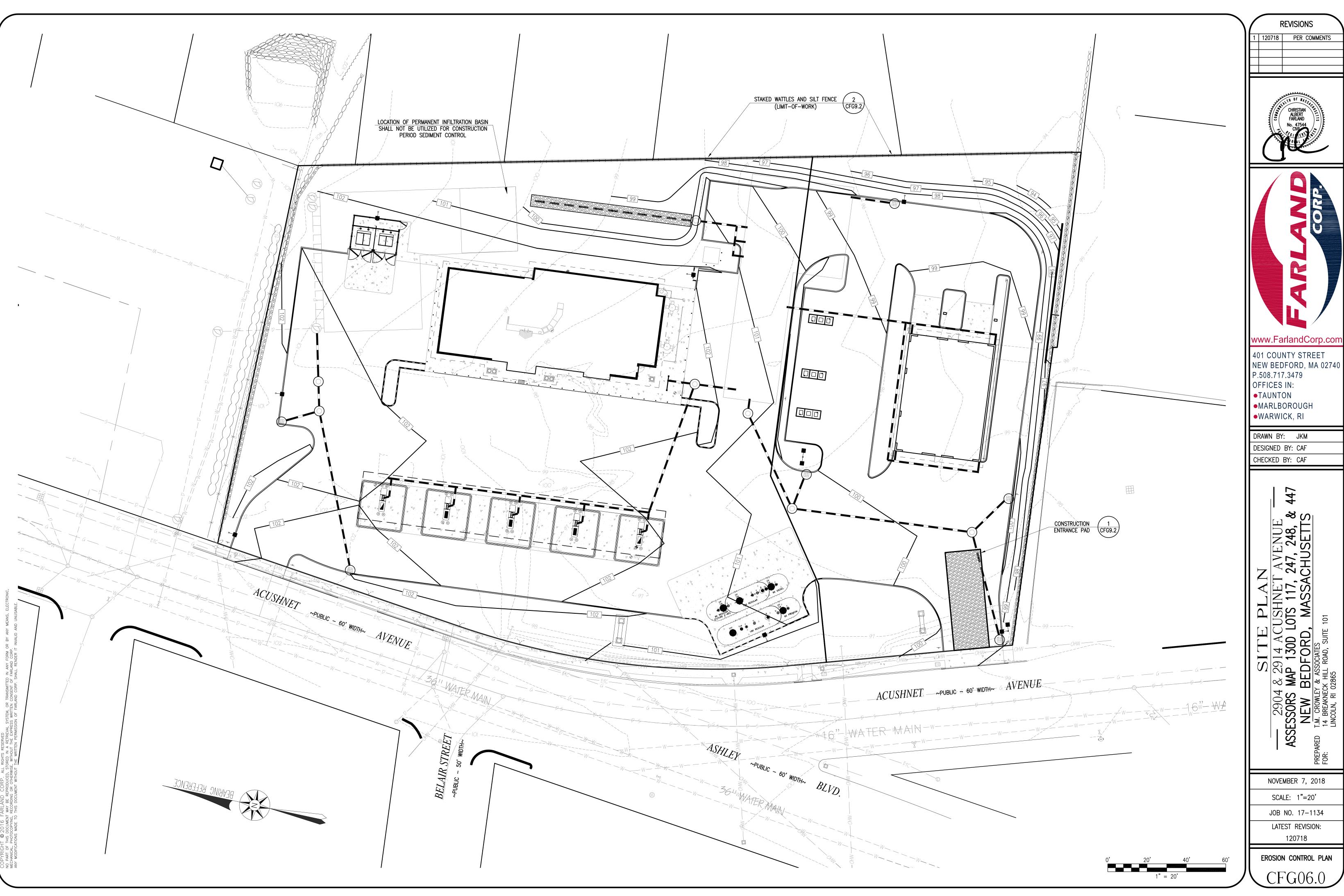
LATEST REVISION:

120718

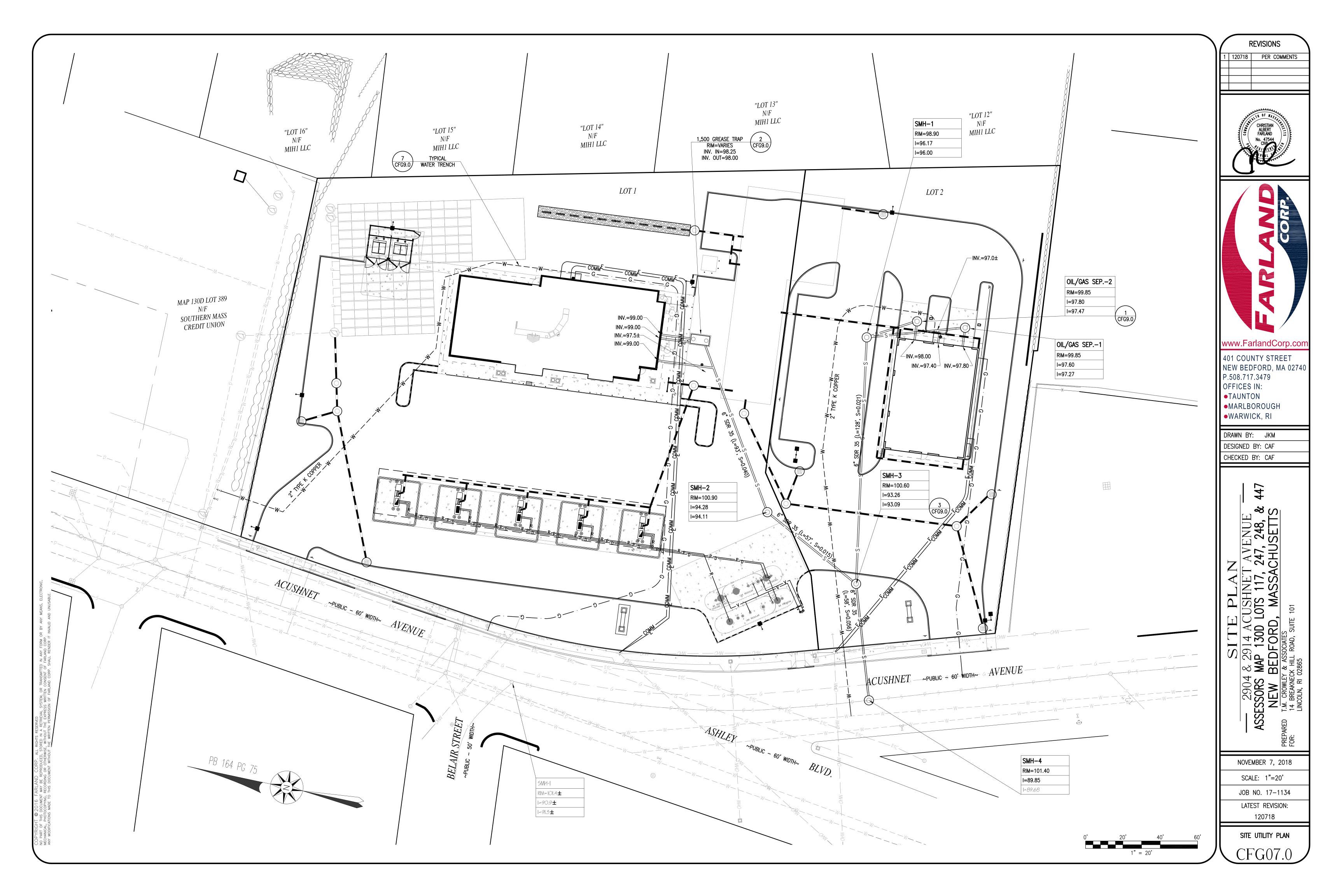
SITE PLAN

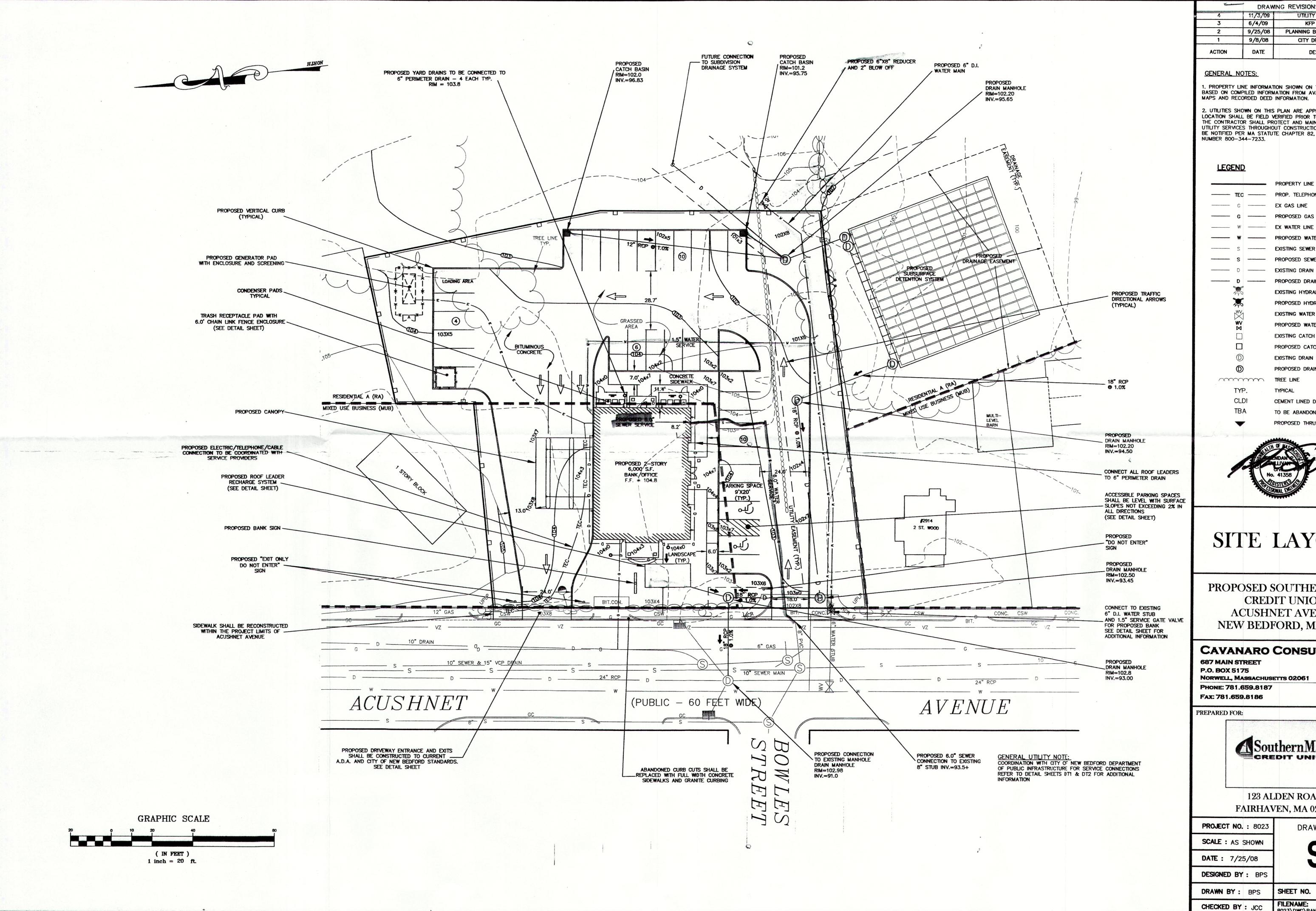
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	DRAWI	NG REVISIONS
A.	11/3/09	UTILITY CONNECTIONS
3	6/4/09	KFP COMMENTS
2	9/25/08	PLANNING BOARD COMMENTS
1	9/8/08	CITY DPI COMMENTS
ACTION	DATE	DESCRIPTION

1. PROPERTY LINE INFORMATION SHOWN ON THIS PLAN IS BASED ON COMPILED INFORMATION FROM AVAILABLE ASSESSOR'S MAPS AND RECORDED DEED INFORMATION.

2. UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. ACTUAL LOCATION SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITY SERVICES THROUGHOUT CONSTRUCTION. DIG-SAFE SHALL BE NOTIFIED PER MA STATUTE CHAPTER 82, SECTION 409, PHONE NUMBER 800-344-7233.

	PROPERTY LINE
—— ТЕС ——	PROP. TELEPHONE, ELECTRIC & CABLE
G	EX GAS LINE
G	PROPOSED GAS LINE
w	EX WATER LINE
— w —	PROPOSED WATER LINE
S	EXISTING SEWER LINE
s	PROPOSED SEWER LINE
D	EXISTING DRAIN LINE
D	PROPOSED DRAIN LINE
40	EXISTING HYDRANT
×	PROPOSED HYDRANT
<b>**</b>	EXISTING WATER VALVE
₩V	PROPOSED WATER VALVE
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
<b>(D)</b>	EXISTING DRAIN MANHOLE
<b>(D)</b>	PROPOSED DRAIN MANHOLE
$\sim$	TREE LINE
TYP.	TYPICAL
CLDI	CEMENT LINED DUCTILE IRON
TBA	TO BE ABANDONED
- A -	PROPOSED THRUST BLOCK



# SITE LAYOUT

PROPOSED SOUTHERN MASS **CREDIT UNION** ACUSHNET AVENUE NEW BEDFORD, MA 02745

#### **CAYANARO CONSULTING 687 MAIN STREET**

P.O. BOX 5175 NORWELL, MASSACHUSETTS 02061 PHONE: 781.659.8187



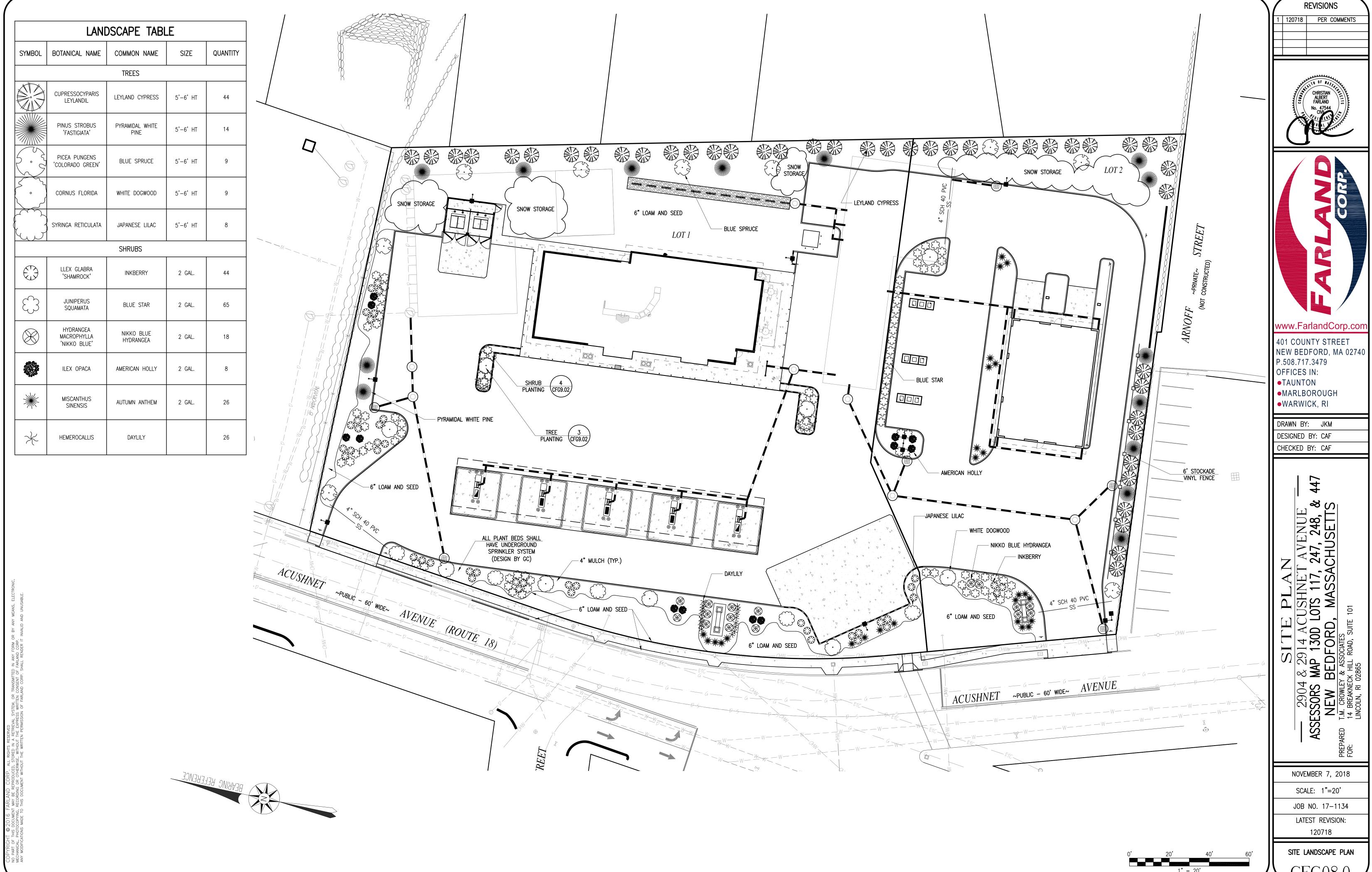


123 ALDEN ROAD FAIRHAVEN, MA 02719

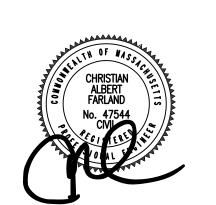
PROJECT NO.: 8023	DRAWING NO.				
SCALE : AS SHOWN					
DATE: 7/25/08	5L				
DESIGNED BY : BPS					
DRAWN BY : BPS	SHEET NO. 3 OF 8				

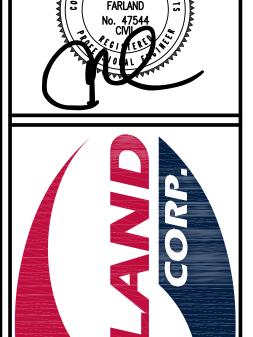
FILENAME:

8023\DWG\BANK SITE PL REV.7-08



REVISIONS 120718 PER COMMENTS







401 COUNTY STREET NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON MARLBOROUGH WARWICK, RI

DRAWN BY: JKM

DESIGNED BY: CAF CHECKED BY: CAF

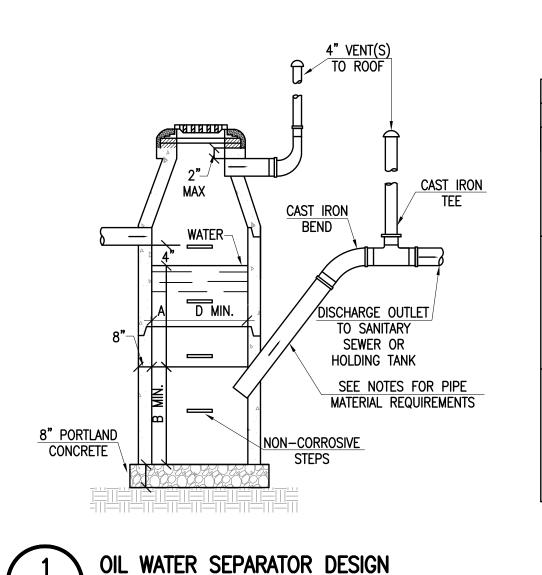
TAVENUE
7, 247, 248, &
SACHUSETTS

NOVEMBER 7, 2018

SCALE: 1"=20'

JOB NO. 17-1134 LATEST REVISION: 120718

SITE LANDSCAPE PLAN CFG08.0



NOT TO SCALE

SHELF TO BE

BRICK LAID FLAT

AT A SLOPE

OF 1'/FOOT

BRICK CHIP AND MORTAR

OR CEMENT

CONCRETE FILL

8", ACCESS ,8",

STEPS, SEE

NOTE #4

48" DIA. MANHOLE

12" COMPACTED GRAVEL BORROW

SANITARY SEWER MANHOLE

TYPICAL WATER TRENCH

SEE NOTE #6

INVERT TO BE

INVERTED ARCH

WITH BRICKS LAID

AS STRETCHERS

AND ON EDGE

FLEXIBLE WATERTIGHT

GASKET OR SLEEVE

INLET	D	A	В
4"	3'-6"ø	3'-0"	2'-6"
	3'-6"ø	5'-0 <b>"</b>	4'-0"
5 <b>"</b>	3'-6"x3'-6"	4'-0"	3'-0"
	4'-0"ø	3'-6"	3'-0"
	4'-0"x4'-0"	3'-0"	2'-6"
	4'-6"ø	3'-0"	2'-6"
	4'-0"ø	5 <b>'</b> -0"	4'-6"
6"	4'-0"x4'-0"	4'-0"	3'-6"
	4'-6"ø	4'-0"	3'-6"
	4'-6"x4'-6"	3'-6"	3'-0 <b>"</b>
	5'-0"ø	3'-6"	3'-0 <b>"</b>
	5'-0"x5'-0"	3'-0"	2'-6"
	5'-0"ø	6'-0"	5'-0"
8"	5'-6"x5'-6"	4'-6"	4'-0"
	6'-0"ø	4'-0"	3'-6"
	6'-0"x6'-0"	3'-0"	2'-6"
	6'-6"ø	3'-6"	3'-0 <b>"</b>
	6'-6"x6'-6"	3'-0"	2'-6"

NOTES:

1. ALL SECTIONS

CONNECTIONS.

SHALL BE DESIGNED

FOR HS-20 LOADING.

2. PROVIDE "V" KNOCKOUTS

CLEARANCE TO OUTSIDE OF

2'-0"

8"SQUARE 8"

**—Кинини** 

4'-0"\*

SNOUT-

CATCH BASIN

NOT TO SCALE

FOR PIPES WITH 1" MAX.

PIPE. MORTAR ALL PIPE

ALTERNATE TOP SLAB

(STEEL REINFORCED FOR HS-20 LOADING)

1. BASE SECTION SHALL BE MONOLITHIC WITH

2. ALL SECTIONS SHALL BE DESIGNED FOR

CONCRETE SHALL BE COMPRESSIVE

DEPTH OF THE STRUCTURE.

PROOFING MATERIAL.

RUBBER.

COURSES MAX.)

STRENGTH 4000 PSI TYPE II CEMENT.

COPOLYMER MANHOLE STEPS SHALL BE

INSTALLED AT 12" O.C. FOR THE FULL

5. ALL EXTERIOR SURFACES SHALL BE GIVEN

SECTIONS SHALL BE PREFORMED BUTYL

STANDARD SEWER MANHOLE FRAME SHALL

BE SET IN FULL MORTAR BED. ADJUST TO

GRADE WITH CLAY BRICK AND MORTAR (2

BRICK COURSES TYPICALLY, 5 BRICK

TWO COATS OF BITUMINOUS WATER

JOINT SEALANT BETWEEN PRECAST

A 48" INSIDE DIAMETER.

HS-20 LOADING.

48" DIA. MANHOLE

# NO-HUB CAST IRON WITH PRODUCT-APPROVED STAINLESS STEEL

- 2. SERVICE WEIGHT CAST IRON WITH PRODUCT-APPROVED RESILIENT
- GASKETS OR LEAD AND OAKUM JOINTS. EXTRA HEAVY CAST IRON WITH PRODUCT-APPROVED RESILIENT GASKETS
- OR LEAD AND OAKUM JOINTS. THE SEPARATOR IS TO BE LOCATED OUTSIDE OF A BUILDING WHERE POSSIBLE AND THE COVER IS TO INCORPORATE A CENTER-HOLE. A SEALED BRIGHT COVER IS TO BE USED IF THE SEPARATOR IS LOCATED INSIDE OF THE BUILIDNG.
- THE COVER SHALL BE NO LESS THAN A 24" DIAMETER. 6. THE SEPARATOR SHALL BE LOCATED AND CONSTRUCTED TO PREVENT
- SURFACE OR SUB-SURFACE WATER FROM ENTERING. 7. THE INLET PIPE SHALL BE NO LESS THAN FOUR INCHES ABOVE THE WATER LINE LEVEL.
- WHEN THE SEPARATOR IS SUBJECT TO FREEZING IT SHALL BE SET A MINIMUM OF THREE FEET BELOW GRADE.
- 9. THE SEPARATOR SHALL BE FILLED WITH WAER AND LEAK TESTED BEFORE BEING INTRODUCED INTO SERVICE.
- 10. THE NON-CORROSIVE STEPS SHALL BE SPACED AT 18 INCHES APART. 11. THE CHAMBER VENT AND OUTLET VENT SHALL RETURN TO THE INSIDE
- OF THE BUILDING AND EXTEND THROUGH THE ROOF 12. IN OPEN PARKING GARAGES OR OPEN PARKING AREA(S) ONLY THE INLET PIPE MAY EXTEND BELOW THE WATER LINE A MAXIMUM DISTANCE OF 6 INCHES.

5. FRAME AND GRATE TO BE

APPROVED EQUAL BY THE

SQUARE

OPENING TYP

чинини

4'-0"

DIA. CATCH BASIN

ALTERNATE TOP SLAB

(STEEL REINFORCED FOR

HS-20 LOADING)

WITH SG-1 GRATE.

ENGINEER.

EQUAL TO LEBARON LK 120 (3

FLANGE) OR LK 121 (4 FLANGE)

DOUBLE FRAME AND GRATE SHALL

BE LEBARON TYPE R-3531 B OR

3. JOINT SEALANT BETWEEN

PREFORMED BUTYL RUBBER.

5 BRICK COURSES MAX.)

PRECAST SECTIONS SHALL BE

4. CATCH BASIN FRAME SHALL BE

TO GRADE WITH CLAY BRICK AND

MORTAR. (2 BRICK COURSES MIN.

\*5' DIA. FOR DOUBLE

NON-SHRINK

GROUT

12" COMPACTED

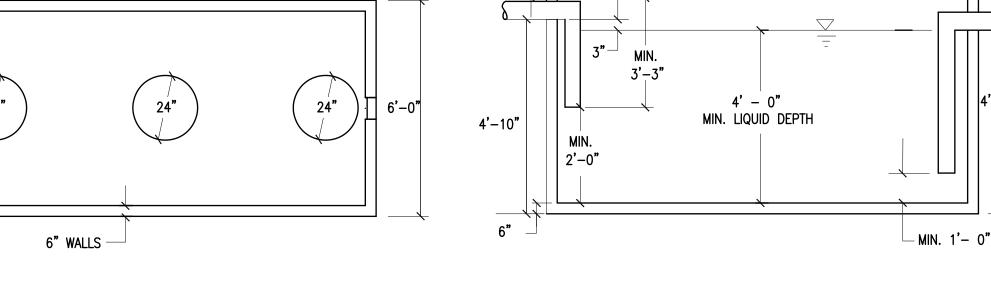
COMPACTED

SUBGRADE

 $-\mathsf{SEE}$  NOTE 3

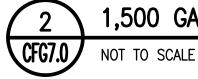
CATCH BASIN

SET IN FULL MORTAR BED. ADJUST



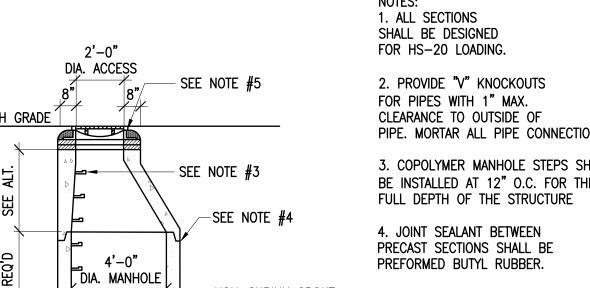
CONSTRUCTION SHALL BE WATERTIGHT.

- GREASE TRAP TO WITHSTAND H-20 LOADING. GREASE TRAP TO HAVE A MINIMUM CAPACITY OF 1,500 GALLONS.
- 4. A MIN. 24" DIA. MANHOLE FRAME & COVER TO GRADE OVER THE INLET AND
- OUTLET SHALL BE PROVIDED. GREASE TRAP SHALL BE INSPECTED MONTHLY & SHALL BE CLEANED WHEN THE LEVEL OF GREASE IS 25% OF THE DEPTH OF THE TANK OR AT LEAST EVERY 3



11'-0"

### 1,500 GALLON GREASE TRAP DETAIL



HS-20 LOADING)

CFG5.0

CONTECH CDS WATER QUALITY UNIT

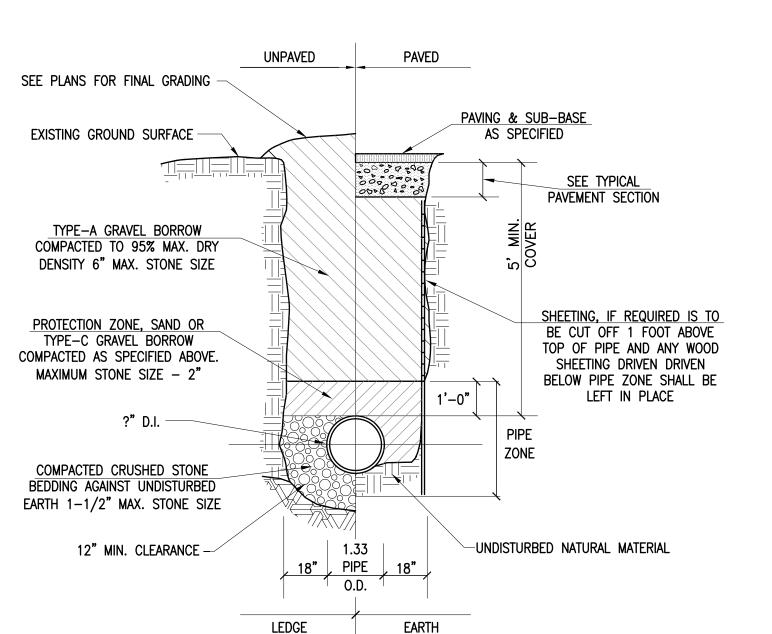
**ELEVATION A-A** 

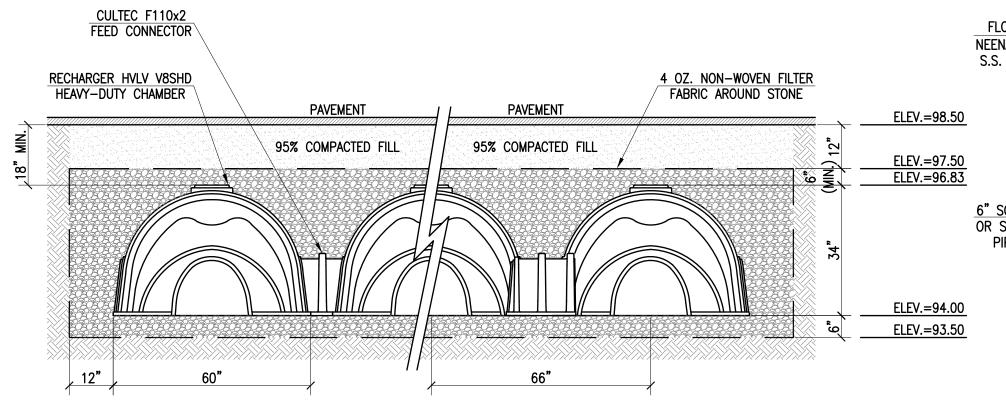
<u>PLAN VIEW B-B</u>

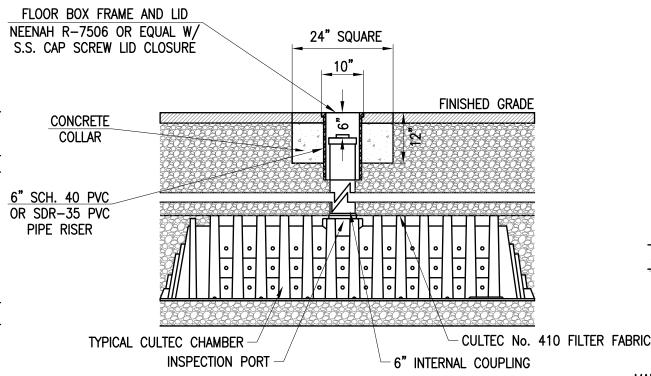
FINISH GRADE PIPE. MORTAR ALL PIPE CONNECTIONS. 3. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE NON-SHRINK GROUT 5. DRAIN MANHOLE FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR. (2 BRICK COURSES MIN. 5 BRICK COURSES -12" COMPACTED GRAVEL OPENING TYP. COMPACTED SUBGRADE - CEMENT CONCRETE INVERT J∣DIA. MANHOLE∣L SHELF TO BE FORMED AT PER FOOT (FOR PIPE 18" ALTERNATE TOP SLAB AND LARGER) (STEEL REINFORCED FOR

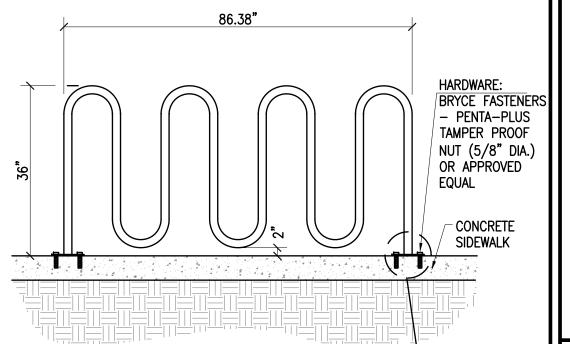


## DRAIN MANHOLE









MANUFACTURER: JAYPRO - HDWBR-9SM FINISH: SCHEDULE 40 GALVANIZED PIPE - BLACK POWDER COATED FINISH

∕−6"x6"x1/4" FLANGE MOUNTING PLATE  $^-$ 4 x Ø 5/8 $^{\prime\prime}$  MOUNTING

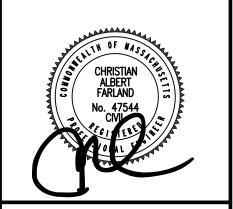
HOLES

CULTEC RECHARGER V8HD HEAVY DUTY CROSS SECTION

**H20 LOADING INSPECTION PORT** 



120718 PER COMMENTS



**REVISIONS** 



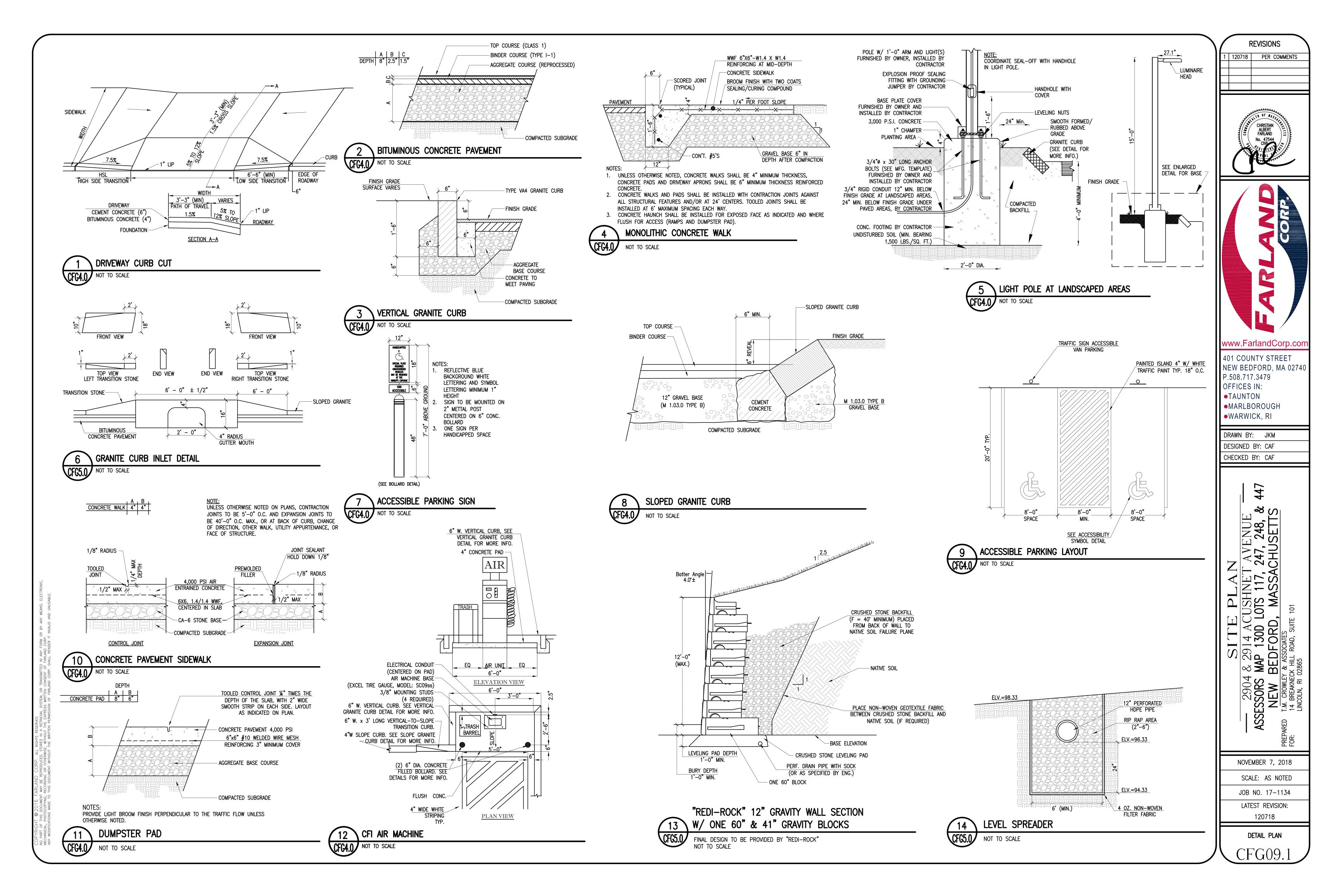
**401 COUNTY STREET** NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON MARLBOROUGH •WARWICK, RI

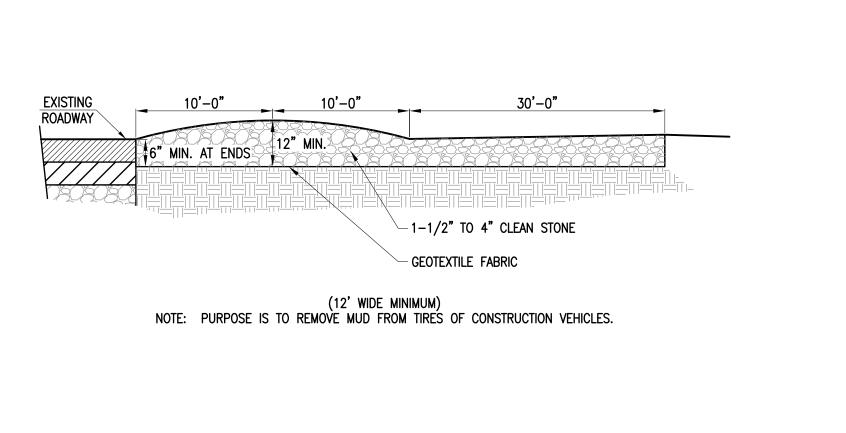
DRAWN BY: JKM DESIGNED BY: CAF CHECKED BY: CAF

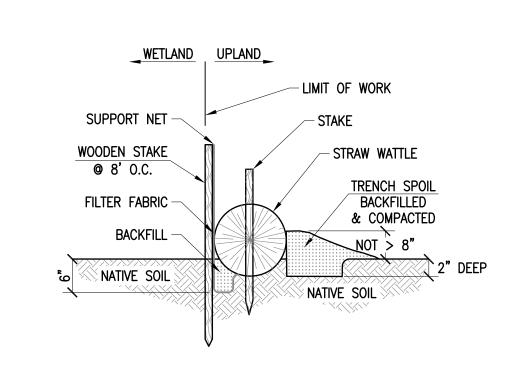
ു ഗ r avenue 247, 248, 8 ACHUSETTS CUSHI LOTS ( SITE 4 & 2914 AC MAP 130D L BEDFORD, Y & ASSOCIATES ASSESSORS I
NEW E
ARED T.M. CROWLEY
14 BREAKNECK
LINCOLN

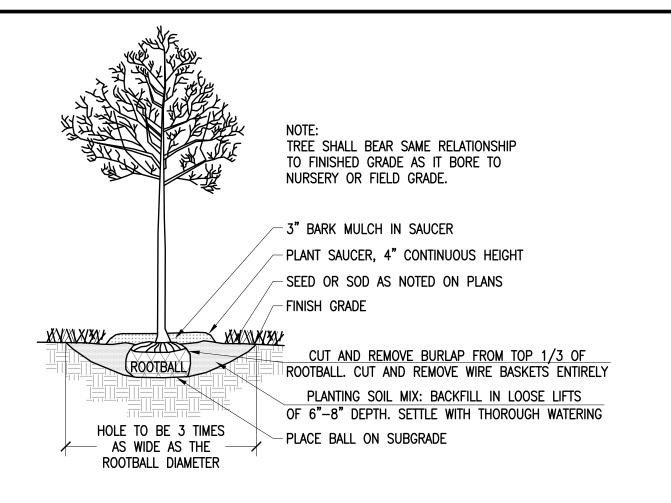
> NOVEMBER 7, 2018 SCALE: AS NOTED JOB NO. 17-1134 LATEST REVISION: 120718

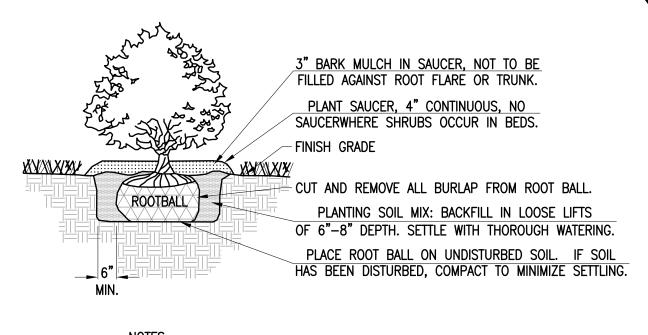
DETAIL PLAN CFG09.0





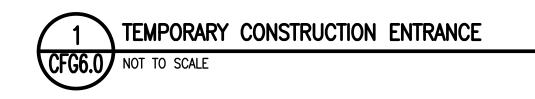






1. SHRUB SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS IT BORE TO NURSERY OR FIELD GRADE.

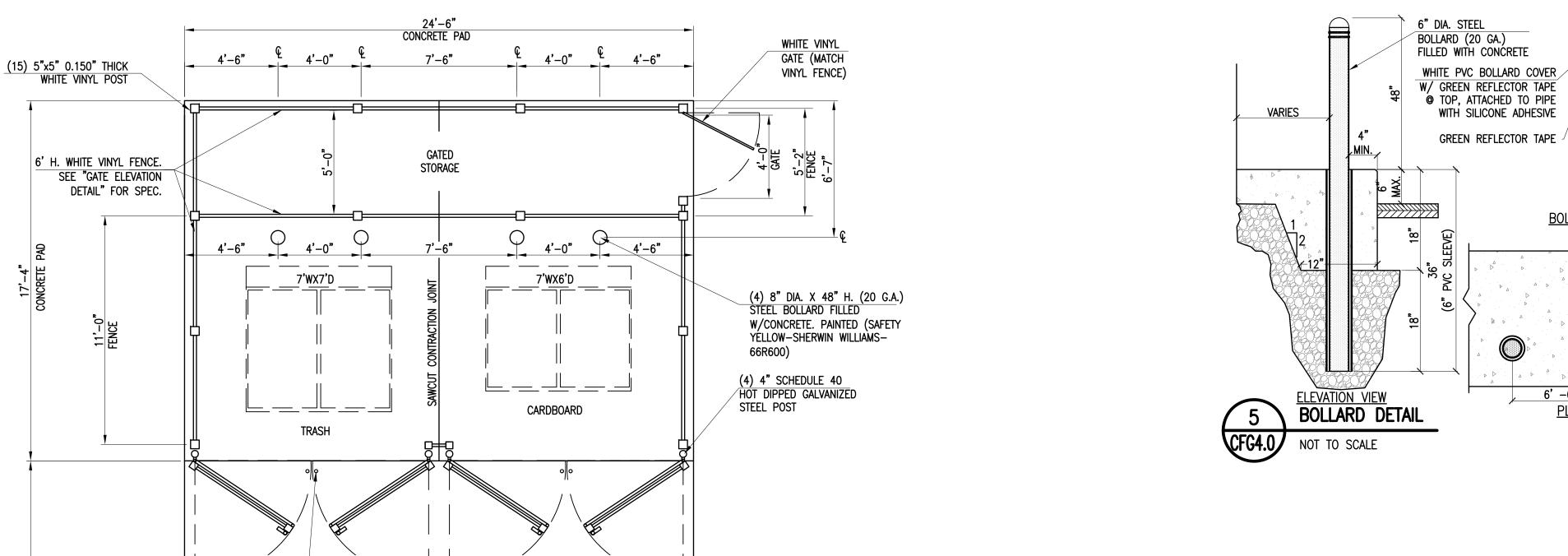
2. WHERE SHRUBS OCCUR IN GROUPINGS IN PLANT BEDS, PROVIDE 2' DEEP CONTINUOUS LOAM BED.

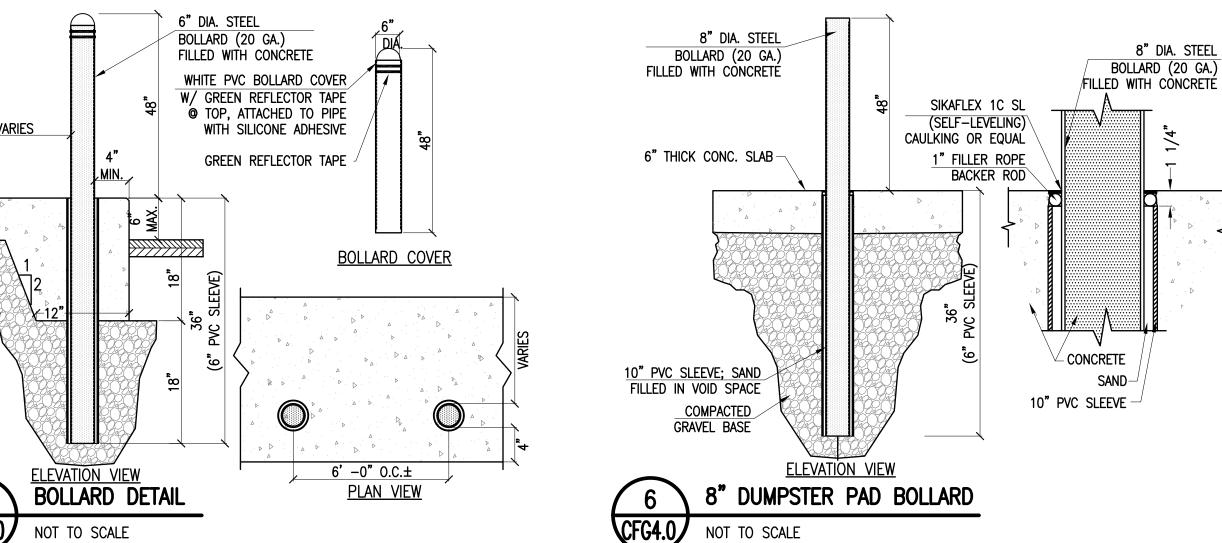




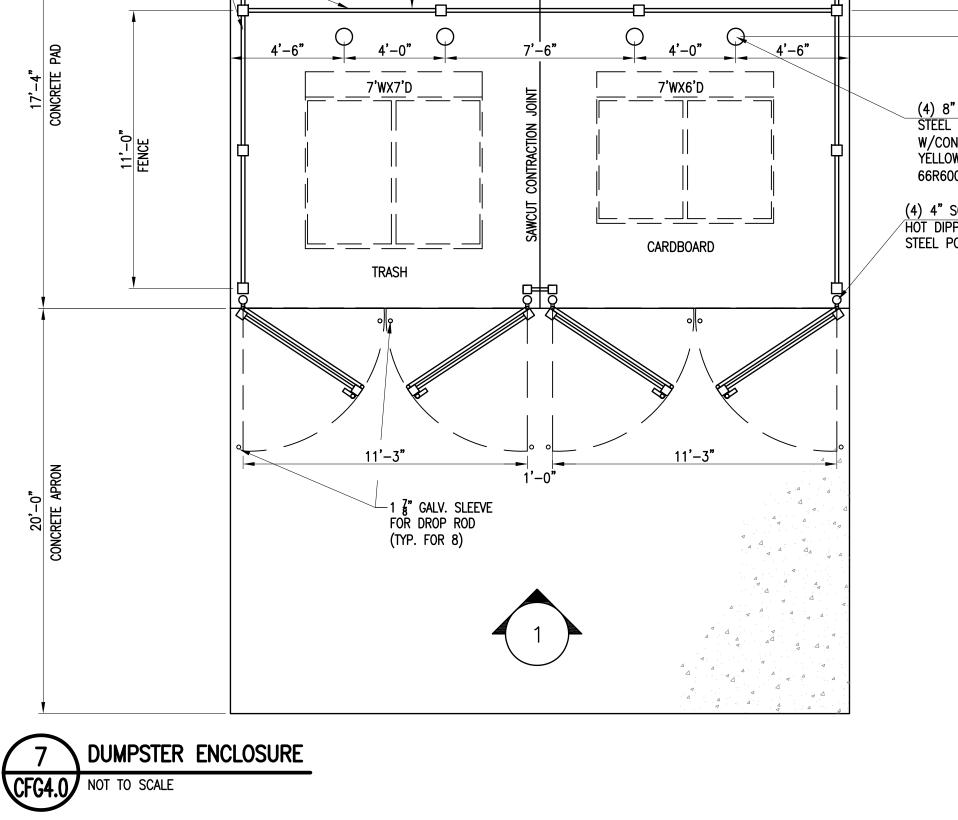


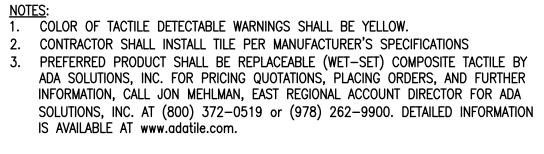


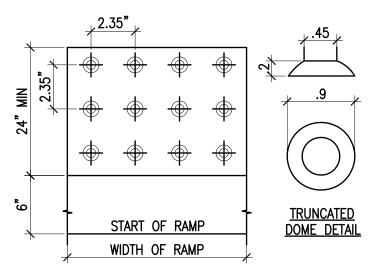


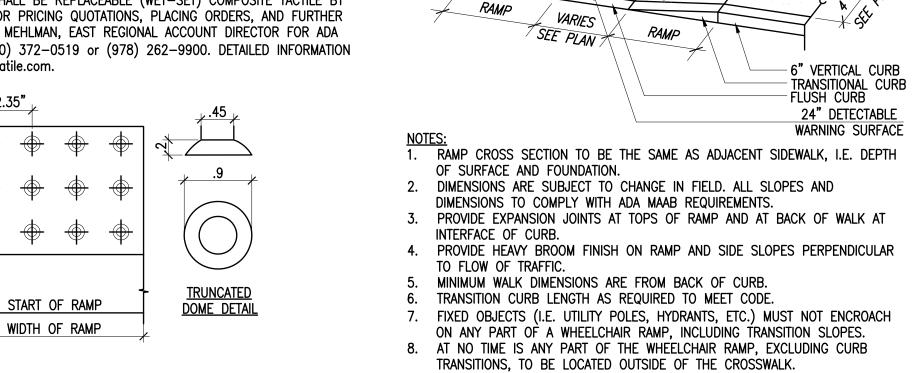


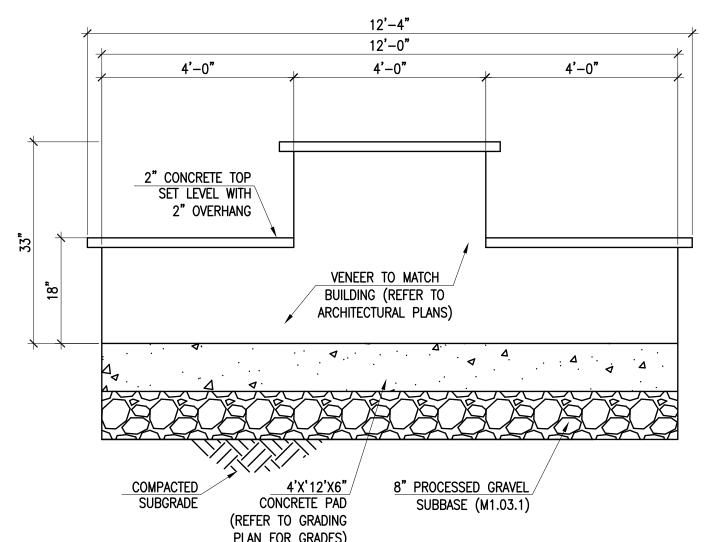
BLEND GRADES AT REAR SIDEWALK

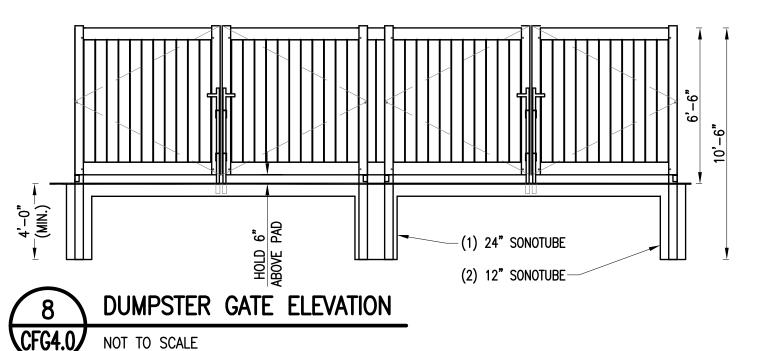








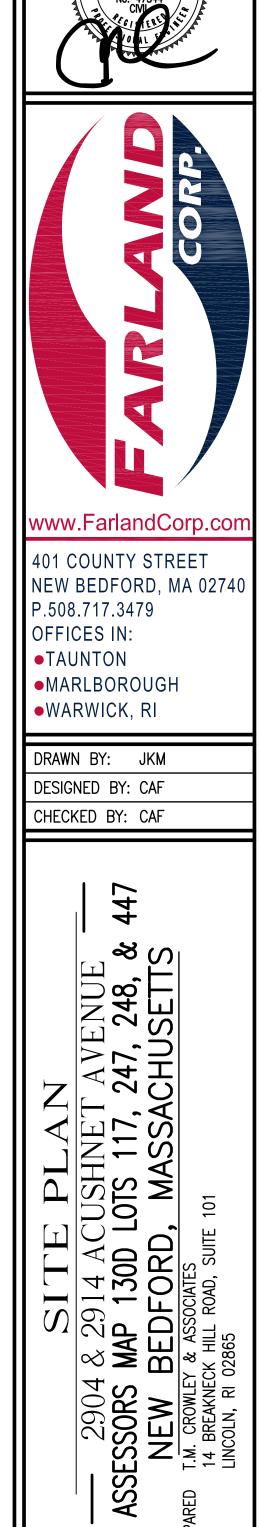








PLAN FOR GRADES) VACUUM/TRASH ISLAND DETAIL CFG4.0 NOT TO SCALE



**REVISIONS** 

120718 PER COMMENTS

DETAIL PLAN CFG09.2

NOVEMBER 7, 2018

SCALE: AS NOTED

JOB NO. 17-1134

LATEST REVISION:

120718

#### 0.2 0.2 0.2 0.2 0.1 0.1- FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES - EXCEPT FOR TYPE "AR" FIXTURES, ALL POLE MOUNTED FIXTURES ARE MOUNTED ON A 15FT POLE ATOP A CONCRETE BASE FLUSH AT GRADE. -TYPE "AR" FIXTURE IS MOUNTED ON AN 8 FT POLE ATOP A CONCRETE BASE FLUSH AT GRADE $\overline{0.0}$ $\overline{0.0}$ $\overline{0.0}$ $\overline{0.0}$ $\overline{0.0}$ $\overline{0.0}$ $\overline{0.1}$ $\overline{0.1}$ $\overline{0.1}$ $\overline{0.2}$ $\overline{0.3}$ $\overline{0.8}$ $\overline{1.1}$ $\overline{1.9}$ $\overline{2.5}$ $\overline{4.0}$ $\overline{4.3}$ $\overline{\phantom{0}}$ $\overline{3.6}$ $\overline{4.1}$ $\overline{2.6}$ $\overline{1.7}$ $\overline{1.2}$ INAIRE LOCATION SUMMARY LABEL MTG. HT. 0.1 0.1 0.2 0.415 39 А3 15 2.5 2.0 4.4 <sup>+</sup>5.1 <sup>+</sup>2.3 <sup>†</sup>1.3 15 40 15 41 $|| \dot{5}. || \dot{5}. || \dot{5}.9 \quad \dot{4}.6 \quad \dot{4}.3 \quad \dot{2}.0 \quad || \dot{1}.2 \quad || \dot{4}.8 \quad \dot{6}. || \quad \dot{5}.2 ||$ 3.0 <sup>+</sup>3.8 42 15 43 15 4.2 3.5 2.6 1.5 1.4 74 116 113 78 0.7 $\frac{1}{14}$ $\frac{1}{0.7}$ 14.7 8.5 3.1 1.9 2.4 15 45 <sup>†</sup>2.7 <sup>†</sup>2.0 <sup>†</sup>1.6 <sup>†</sup>1.0 || <sup>†</sup>0.9 |||| 22 AR 169 80 3.5 1.7 1.7 S W1 S W1 S 76 <sup>†</sup>1.6 46 • <u>†3.1 †5.9</u> †2.4 †1.5 †1.3 1.5 1.2 1.0 0.8 0.9 1.1 54 59 2.5 1.6 1.1 12 3448 15 49 15 0.0 0.1 $0.3_{B3}$ 0.6 6.1 4.4 2.4 1.3 0.8 1.0 3.10.0 0.0 0.015 50 15 51 B3 $\frac{1}{9.2}$ $\frac{1}{3.6}$ $\frac{1}{1.5}$ $\frac{1}{1.4}$ $\frac{1}{1.8}$ 0.0 0.0 0.052 15 53 B3 15 0.0 0.1 7.8 1.2 7.7 13.6 14.1 7.3 $\frac{3.8}{1.9}$ 1.4 1.9 3.2 4.6 6.2 5.2 3.8 2.3 1.30.0 0.0 0.015 66 72 68 W1 14 55 0.0 0.1 $\begin{vmatrix} 5.0 & 2.1 & 1.1 & 1.9 & 2.6 & 3.0 & 2.0 & 1.4 & 1.1 & 1.2 & 2.3 & 5.0 & 8.8 & 10.1 & 9.9 & 6.7 & 3.2 & 1.5 & 3.2 & 3$ 56 14 14 0.0 0.1 58 14 59 14 1.1 1.1 1.1 1.0 0.9 0.8 0.8 0.8 1.2 0.80.1 0.0 0.0 23 14 60 14 $\stackrel{1}{1}.3$ $\stackrel{1}{1}.0$ $\stackrel{1}{1}.2$ $\stackrel{2}{2}.2$ $\stackrel{4}{4}.6$ $\stackrel{8}{8}.2$ $\stackrel{9}{9}.8$ $\stackrel{9}{9}.6$ $\stackrel{6}{6}.3$ $\stackrel{3}{3}.3$ $\stackrel{1}{1}.8$ $\stackrel{1}{1}.3$ $\stackrel{1}{1}.2$ $\stackrel{1}{1}.4$ $\stackrel{2}{2}.1$ $\stackrel{3}{3}.3$ $\stackrel{6}{6}.1$ $\stackrel{4}{4}.2$ $\stackrel{1}{0}.3$ 0.1 0.0 0.0 25 62 14 63 14 $\begin{bmatrix} 0.2 & \frac{1}{2}.0 & \frac{1}{5}.1 & \frac{1}{5}.0 & \frac{1}{3}.0 & \frac{1}{2}.9 \end{bmatrix}$ 64 14 14 65 0.0 0.1 0.2 1.8 2.6 2.3 2.4 5.1 $\overset{+}{4}.0$ $\overset{+}{1}.3$ $\overset{+}{1}.2$ $\overset{+}{1}.5$ $\overset{+}{1}.7$ $\overset{+}{2}.4$ $\overset{+}{2}.0$ $\overset{+}{2}.0$ $\overset{+}{2}.8$ $\overset{+}{2}.9$ $\overset{+}{2}.6$ $\overset{+}{2}.6$ $\overset{+}{3}.2$ $\overset{+}{3}.2$ $\overset{+}{4}.0$ $\overset{+}{4}.9$ $\overset{+}{4}.3$ $\overset{+}{0}.4$ $\boxed{\phantom{0}0.1}$ $\overset{+}{0}.0$ $\overset{+}{0}.0$ 29 66 14 14 67 $\overset{+}{0}.0$ $\overset{+}{0}.1$ $\overset{+}{0}.3$ $\frac{1}{2.1}$ $\frac{1}{1.9}$ $\frac{1}{1.9}$ $\frac{1}{6.9}$ 5.7 1.3 1.0 1.0 1.0 1.3 1.1 1.231 C1 14 68 32 69 C1 14 0.1 0.2 $\overset{+}{3}.4$ $\overset{+}{2}.1$ $\overset{+}{1}.6$ $\overset{+}{5}.8$ 4.9 1.3 0.9 1.0 1.1 1.6 1.00.7 33 14 70 30 31 34 71 14 $\stackrel{\downarrow}{0}.9$ $\stackrel{\uparrow}{1}.1$ $\stackrel{\downarrow}{0}.7$ $\stackrel{\uparrow}{0}.4$ $\stackrel{B3}{0}.5$ $\stackrel{\uparrow}{1}.0$ $\stackrel{\uparrow}{1}.8$ $\stackrel{3}{3}.9$ $\stackrel{5}{5}.0$ $\stackrel{\blacksquare}{2}.8$ $\stackrel{4}{0}.4$ $\stackrel{1}{0}.1$ $\stackrel{1}{0}.0$ $\stackrel{1}{0}.0$ $\stackrel{1}{0}.0$ C1 C1 C1 C1 <sup>†</sup>3.1 <sup>†</sup>1.2 <sup>†</sup>1.2 0.0 0.2 <sup>+</sup>4.4 <sup>+</sup>4.6 <sup>+</sup>2.2 <sup>+</sup>1.3 <sup>+</sup>3.5 C1 35 14 72 73 C1 14 0.1 0.3 1.1 0.4 0.2 0.2 0.2 0.3 0.7 1.5 1.8 1.11.4 0.1 0.0 0.0 0.0 C1 74 14 75 4.8 <sup>†</sup>7.5 مراقع م 3.4 0.6 0.1 0.1 0.1 0.1 0.2 0.4 1.5 1.5 1.4 0.3 0.0 0.0 0.0 $\overset{+}{0}.6$ $\overset{+}{0}.2$ $\overset{+}{0}.1$ $\overset{+}{0}.1$ 0.0 0.5 1.8 2.1 1.6 0.7 0.4 0.30.4 0.4 0.5 0.6CALCULATION SUMMARY 0.1 0.1 MAX 0.0 0.4 1.0 1.1 0.9 0.4 0.2 0.2 0.2 0.2 $\stackrel{+}{0}.2$ $\stackrel{+}{0}.2$ $\stackrel{+}{0}.3$ $\stackrel{+}{0}.5$ $\stackrel{+}{1}.4$ $\stackrel{+}{3}.5$ $\stackrel{+}{0}.2$ 0.0 0.1 0.2 0.4 0.8 0.8 0.6 0.2 0.0 0.0 0.0 AVG 0.3 0.3 $\overset{+}{0}.3$ $\overset{+}{0}.3$ $\overset{+}{0}.3$ $\overset{+}{0}.3$ $\overset{+}{0}.3$ $\overset{+}{0}.3$ 31.93 PAVED AREA 3.35 16.9 0.1 0.1 0.1 0.2 0.4 0.1 **UNDEFINED AREA** 0.64 23.1 ACUSHNET AVENUE (ROUTE 18) 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 QTY LABEL ARRANGEMENT LUMENS LLF ARR. WATTS TOTAL WATTS MANUFACTURER DESCRIPTION A3 SINGLE 7896 1.000 | 134 670 ARE-EDG-3MB-DA-06-E-ULWH-700-57K CREE, INC. 0.0</t A4 BACK-BACK 7896 1.000 268 268 CREE, INC. ARE-EDG-3MB-DA-06-E-UL-WH-700-57K A6 7896 536 4 @ 90 DEGREES 1.000 | 536 CREE, INC. ARE-EDG-3MB-DA-06-E-UL-WH-700-57K STREET AR SINGLE 7985 1.000 92 276 CREE INC. ARE-EDR-5M-R5-04-E-UL-XX-700-57K B3 SINGLE 8480 1.000 | 134 938 CREE INC. ARE-EDG-4MB-DA-06-E-UL-WH-700-57K ASHLEY BLVD. C1 20 SINGLE 21340 0.490 205.98 4119.6 CAN-228-SL-RM-09-E-UL-WH-700-57K (SWITCH SETTING 1) Cree Inc SINGLE 1757 613.8 Cree Lighting - Recessed Downlight LR618L-40K-GU24+RC6-GU24 HOUSING 31 S 1.000 | 19.8

W1

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REV. BY DATE

DESCRIPTION

144

1.000 18

595

UPDOWN

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Cree Lighting - MR16

SCALE: LAYOUT BY: TAS 1" = 20' DWG SIZE: DATE: D 10/30/18

> DRAWING NUMBER: RL-5749-S1

**CUMBERLND FARMS** NEW BEDFORD, MA

CFG 10.0

RLA-E-S23L03XX

www.redleonard.com

MTG. HT.

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MAX/MIN

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N.A.

84.50

AVG/MIN

1.45

16.75

N.A.

W1

W1

W1

W1

W1

W1

| 22

0.2

0.0

16.945 15.5

JMINAIRE LOCATION SUMMARY

LABEL

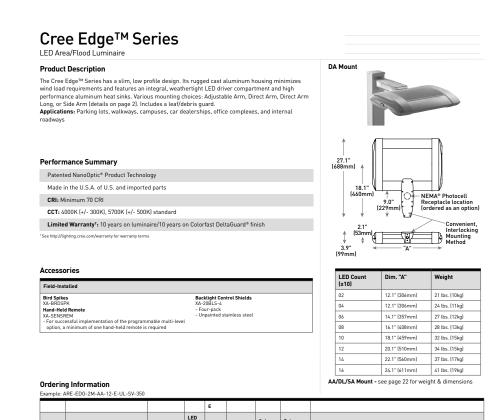
LUM NO.

SYMBOL:	QTY:	LABEL:
	5	А3
H-H	1	<b>A</b> 4
	1	A6

#### ARE-EDG-3MB-DA-06-E-ULWH-700-57K

7	В3

#### ARE-EDG-4MB-DA-06-E-UL-WH-700-57K



						E						
Product	Optic			Mounting*	Count (x10)	Series	Voltage	Color Options	Drive Current	Options		
ARE- EDG	ZM Type II Medium ZMB Type II Medium W/BLS ZMP Type II Medium Medium	3MB Type III Medium w/BLS 3MP Type III Medium w/Partiat BLS 4M Type IV Medium 4MB Type IV Medium w/BLS	4MP Type IV Medium w/Partial BLS 5M Type V Medium 55 Type V Short	AA Adjustable Arm DA Direct Arm DL Direct Long Arm	02 04 06 08 10 12 14 16	E	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	350mA 350mA 525 525mA 700 700mA - Available with 20- 60 LEDs	- Refer for d - Can's currer F Fuse - Refer avait - Avait only - When use t HL Hi/Lov - Refer avait - Sens	rol by others to <u>Dimming spec sheet</u> letails texaced specified drive ent to <u>ML spec sheet</u> for ability with ML options abile with JL voltage only abile for U.S. applications n code dictates fusing, time delay fuse w [Duat Circuit Input] to <u>DL Spec Sheet</u> for its orr not included	PML Programmable 20-40 Mounti Refer to PML details Intended for applications; PML2 Programmab 10-30 Mounti Refer to PML details Intended for applications; Refer to PML details Intended for applications; R NEMA* Photoc Intended for applications; 45° tit Photocet by Refer to MLL
EDG	25° Flood 40 40° Flood	70° Flood SN Sign	NEMA®	Adjustable Arm SA Side Arm - Available with 20-60 LEDs						detai - Inter appli P Photo - Refe avail	r to <u>ML spec sheet</u> for ils nded for downlight ications at 0° tilt	availability w 40K 4000K Color T - Minimum 70 - Color temper luminaire

	 -	
c (UL) us [		
US: lighting.cree.com	T (800) 236-6800	F (262) 504-541

#### Cree Edge™ LED Area/Flood Luminaire Product Specifications

Suitable for wet locations

CONSTRUCTION & MATERIALS • Stim, low profile, minimizing wind load requirements

Luminaire sides are rugged die cast aluminum with integral,

weathertight LED driver compartment and high performance heat sinks

LED Count
[x10]

System
Watts
1204-80V
120V
208V
240V
277V
347V
480V AA and SA mounts are rugged die cast aluminum and mount to 2" (51mm) IP, 2.375" (60mm) 0.D. tenons Includes leaf/debris guard

 Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer
with an ultra-durable powder topcoat, providing excellent resistance to
corrosion, ultraviolet degradation and abrasion. Black, bronze, silver,
and white are available Weight: See Dimensions and Weight Charts on pages 1 and 22 ELECTRICAL SYSTEM Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers Total Harmonic Distortion: < 20% at full load

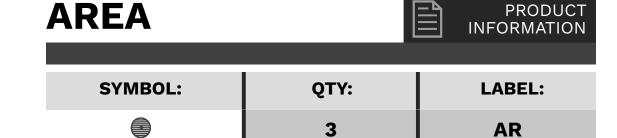
 DA and DL mounts designed with integral weathertight electrical box with terminal strips (12Ga-20Ga) for easy power hookup Integral 10kV surge suppression protection standard Maximium 10V Source Current: 20 LED (350mA): 10mA; 20 LED (525 & 700mA) and 40-80 LED: 0.15mA; 100-160 LED: 0.30mA REGULATORY & VOLUNTARY QUALIFICATIONS

. Enclosure rated IP66 per IEC 60529 when ordered without P or R options Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards when ordered with AA, DA and DL mounts 10kV surge suppression protection tested in accordance with IEEE/ANSI
 10kV surge suppression protection tested in accordance with IEEE/ANSI
 10kV surge suppression protection tested in accordance with IEEE/ANSI Meets FCC Part 15, Subpart B, Class A standards for conducted and

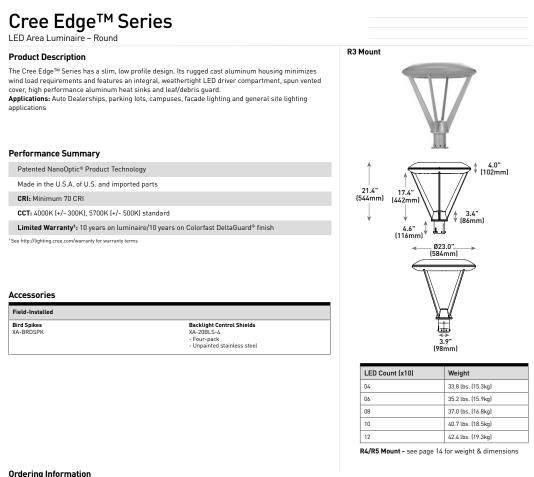
select SKUs. Refer to lights.org/search/ for most current information	06	134	1.14	0.65	0.57	0.50 0.	9 0.29
American requirements within ARRA	* Electrical data at	25°C (77°F). Actual	wattage may d	differ by +/- 1	10% when opera	ting between 120-	480V +/- 10%
	Recommend	ed Cree Edge"	Series Lu	ımen Mai	intenance F	actors (LMF)	1
	Ambient	Initial LMF	25K hr Projec LMF	ted <sup>2</sup> F	50K hr Projected <sup>2</sup> LMF	75K hr Calculated LMF	100K hr Calculated <sup>3</sup> LMF
	5°C (41°F)	1.04	1.01	0	1.99	0.98	0.96
	10°C (50°F)	1.03	1.00	0	1.98	0.97	0.95
	15°C (59°F)	1.02	0.99	0	1.97	0.96	0.94
	20°C (68°F)	1.01	0.98	0	1.96	0.95	0.93
	25°C (77°F)	1.00	0.97	0	1.95	0.94	0.92

T (800) 236-6800 F (262) 504-5415





#### ARE-EDR-5M-R5-04-E-UL-XX-700-57K



ARE-EDR					E				
Product	Optic		Mounting*	LED Count (x10)	Series	Voltage	Color Options	Drive Current	Options
ARE-EDR	ZM Type II Medium ZMB Type II Medium w/BLS ZMP Type II Medium w/Partial BLS 3M Type III Medium 3MB Type III Medium w/BLS	Type III Medium w/Partial BLS 4M Type IV Medium 4MB Type IV Medium w/BLS 4MP Type IV Medium w/BLS 5M Type V Medium s/Partial BLS 5M Type V Medium Type V Medium	R3 Spider, Center Tenon, 2-3/8" to 3" 0D R4 Spider, Center Direct, 4" Square R5 Spider, Center Direct, 5" Round	04** 06** 08** 10 12	E	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	350 350mA 525 525mA 700 700mA - Available with 40-60 LEDs	DIM 0-10V Dimming Control by others Refer to Dimming spec sheet for detail Can't exceed specified drive current Fuse When code dictates fusing, use time delay fuse Available with UL voltage only Available for U.S. applications only HL Hi/Low Dual Cricuit Inputl Refer to HL spec sheet for details Sensor not included Photocell Available with UL voltage only 404 4000K Color Temperature Minimum 70 CRI Color Temperature per luminaire

UL) us O	ğ	Rev. Date: V5 12/07/2017	CREE 🚓
: lighting.cree.com	T (800) 236-6800 F (262) 504-5415	Canada: www.cree.com/canada	T (800) 473-1234 F (800) 890-7507

CONSTRUCTION & MATERIALS
<ul> <li>Slim, low profile, minimizing wind load requirements</li> </ul>
<ul> <li>Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartment, spun vented cover, and high performance aluminum heat sinks</li> </ul>
<ul> <li>R3 spider mount hub slip-fits over a 2.375" (60mm) to 3" (76mm) 0.D. steel or aluminum tenon or pole and secures with eight set screws</li> </ul>
<ul> <li>R4 spider mount fits directly inside 4" (102mm) square pole and secures to pole with four set screws</li> </ul>
R5 spider mount fits directly inside of a 5" (127mm) round pole to provide

Cree Edge™ LED Area Luminaire – Round

Product Specifications

 Includes leaf/debris guard Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer
with an ultra-durable powder topcoat, providing excellent resistance to
corrosion, ultraviolet degradation and abrasion. Black, bronze, silver,
and white are available Weight: See Dimensions and Weight charts on pages 1 and 14

ELECTRICAL SYSTEM • Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers • Power Factor: > 0.9 at full load • Total Harmonic Distortion: < 20% at full load 10V Source Current: 40-80 LEDs: 0.15mA; 100-120 LEDs: 0.30mA Integral 10kV surge suppression protection standard

#### When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current REGULATORY & VOLUNTARY QUALIFICATIONS cULus Listed

Meets Buy American requirements within ARRA

- Suitable for wet locations Meets FCC Part 15, Subpart B, Class A standards for conducted and Enclosure rated IP66 per IEC 60529 when ordered without P option Certified to ANSI C136.31-2001, 1.5G normal vibration standards when ordered with R3, R4 and R5 mounts
- 10kV surge suppression protection tested in accordance . Luminaire and finish endurance tested to withstand elevated ambient salt fog conditions as defined in AS DLC qualified with select SKUs. Refer to https://www.designlights.org/search/ for most currer

T (800) 236-6800 F (262) 504-5415

ance with IEEE/ANSI	Recommende	d Cree Edge™	Series Lumen	Maintenance F	actors (LMF)	
I 5,000 hours of STM Standard B 117	Ambient	Initial LMF	25K hr Projected <sup>2</sup> LMF	50K hr Projected <sup>2</sup> LMF	75K hr Calculated³ LMF	100K hr Calculate LMF
ent information	hours of tandard B 117  Ambient Initial LMF 25k hr Projected LMF Projected LMF	0.96				
5,000 hours of		1.03	1.00	0.98	0.97	0.95
		1.02	0.99	0.97	0.96	0.94
		1.01	0.98	0.96	0.95	0.93
		1.00	0.97	0.95	0.94	0.92
	<sup>2</sup> In accordance with I within six times (6X) packaged LED chip) <sup>3</sup> In accordance with I	ESNA TM-21-11, Proj the IESNA LM-80-08 ESNA TM-21-11, Calo	ected Values repres total test duration ( culated Values repre	ent interpolated value in hours) for the deversent time durations	ue based on time dur ice under testing ((D that exceed six time	rations that an OUT) i.e. the s (6X) the IESN

	<b>ADEL A</b>
	CREE 숙
Canada: www.cree.com/canada	T (800) 473-1234 F (800) 890-7507

System Watts 120-480V 120V 208V 240V 277V 347V 480V

130 1.10 0.63 0.55 0.48 0.38 0.28

70 0.58 0.34 0.31 0.28 0.21 0.16 101 0.84 0.49 0.43 0.38 0.30 0.22

133 1.13 0.66 0.58 0.51 0.39 0.28

171 1.43 0.83 0.74 0.66 0.50 0.38

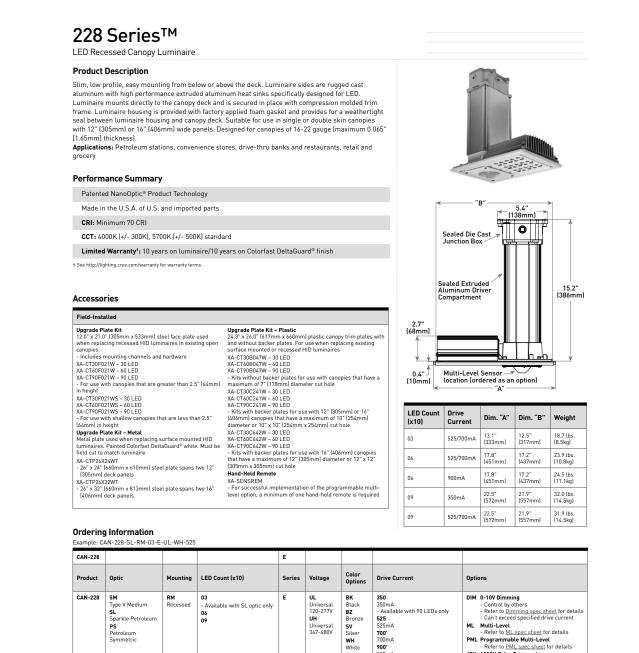
0.36 0.23 0.21 0.20 0.15 0.12

0.52 0.31 0.28 0.26 0.20 0.15

### **CANOPY** PRODUCT INFORMATION

SYMBOL:	QTY:	LABEL:
	20	C1

#### CAN-228-SL-RM-09-E-UL-WH-700-57K (SWITCH SETTING 1)







CONSTRUCTION & MATERIALS Slim, low profile, easy mounting from below or above the deck Luminaire sides are rugged cast aluminum with high performance Luminaire mounts directly to the canopy deck and is secured in place

with compression molded trim frame Luminaire is provided with factory applied foam gasket and provides for a weathertight seal between luminaire housing and canopy deck Suitable for single or double skin canopies with 12" (305mm) or 16" [406mm] wide panels. Designed for canopies of 16-22 gauge (maximum 0.065" [1.65mm] thickness)

 Weathertight driver compartment is constructed of anodized extruded aluminum for exceptional corrosion resistance and thermal performance Integral weathertight junction box with 4.5" (114mm) IP threaded connection points. Rated for feed through 8 (4 in, 4 out) #12 AWG Below ceiling serviceable driver tray for ease of upgrade or replacement

700mA

 Field adjustable drive current. Can't exceed drive current specified in part number. Exception is 90 LEDs at 350mA which can be adjusted to 525mA corrosion, ultraviolet degradation and abrasion. Black, bronze, silver, and white are available

#### Weight: See Dimensions and Weight chart on page 1 ELECTRICAL SYSTEM Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers

• Power Factor: > 0.9 at full load • Total Harmonic Distortion: < 20% at full load Maximum 10V Source Current: 30-60 LED: 0.15mA; 90 LED: 0.30m. Integral 10kV surge suppression protection standard

#### To address inrush current, slow blow fuse or type C/D breaker shou be used REGULATORY & VOLUNTARY QUALIFICATIONS

US: lighting.cree.com

T (800) 236-6800 F (262) 504-5415

Total Harmonic Distortion: < 20% at full load						
<ul> <li>Maximum 10V Source Current: 30-60 LED: 0.15mA; 90 LED: 0.30mA</li> </ul>						
<ul> <li>Integral 10kV surge suppression protection standard</li> </ul>	Recomme	nded 228 Serie	s™ Lumen Mai	ntenance Facto	rs (LMF)¹	
To address inrush current, slow blow fuse or type C/D breaker should be used	Ambient	Initial LMF	25K hr Projected <sup>2</sup> I MF	50K hr Projected <sup>2</sup> I MF	75K hr Calculated <sup>3</sup> I MF	100K hr Calculated <sup>3</sup>
REGULATORY & VOLUNTARY QUALIFICATIONS					1	1
cULus Listed	5°C (41°F)	1.04	0.99	0.97	0.95	0.93
Suitable for wet locations					-	
Meets FCC Part 15 Class A standards for conducted and radiated emissions	10°C (50°F)	1.03	0.98	0.96	0.94	0.92
10kV surge suppression protection tested in accordance with IEEE/ANSI	15°C (59°F)	1.02	0.97	0.95	0.93	0.91
C62.41.2	20°C [68°F]	1.01	0.96	0.94	0.92	0.90
<ul> <li>Luminaire and finish endurance tested to withstand 5,000 hours of</li> </ul>	20 C (66 F)	1.01	0.76	0.74	0.72	0.70
elevated ambient salt fog conditions as defined in ASTM Standard B 117	25°C (77°F)	1.00	0.95	0.93	0.91	0.89
Meets Buy American requirements within ARRA			1		<u> </u>	1
DLC qualified when ordered with PS or SL optics with 60 LEDs and 525 or 700mA drive current. Please refer to www.designlights.org/QPL for most current information	<sup>2</sup> In accordance ware within six to packaged LED <sup>3</sup> In accordance was	vith IESNA TM-21-11 imes (6X) the IESNA   chip) vith IESNA TM-21-11	, Projected Values rep LM-80-08 total test do , Calculated Values re	present interpolated v uration (in hours) for epresent time duratio	data and in-situ lumi value based on time d the device under testi ns that exceed six tim the packaged LED chi	lurations that ing ((DUT) i.e. the nes (6X) the IESNA

99 0.83 0.48 0.42 0.38 0.29 0.22

 54
 0.45
 0.28
 0.25
 0.23
 0.16
 0.12

 99
 0.83
 0.48
 0.42
 0.38
 0.29
 0.22

 155
 1.32
 0.76
 0.68
 0.61
 0.45
 0.34

70 0.58 0.35 0.31 0.28 0.21 0.16

132 1.11 0.66 0.57 0.50 0.39 0.28

201 1.64 0.96 0.84 0.75 0.59 0.44

180 1.53 0.91 0.79 0.70 N/A N/A

CREE 💠

# **SOFFIT**

LR Series

**Product Description** 

Performance Summary

Input Power: 7.5-22 watts

CCT: 2700K, 3500K, 4000K

Limited Warranty\*: 10 years

Housings & Trims

L<sub>70</sub> Lifetime: > 100,000 hours at 35°C Dimming: Dimmable to 5%

\* See http://lighting.cree.com/warranty for warranty term

Series Initial Delivered Lumens\* CCT

LR6™ LED Downlight – 6"

CREE TRUEWHITE® TECHNOLOGY

Suitable for insulated and non-insulated ceilings
 One-piece aluminum lower reflector redirects light while also conducting heat away from LEDs. It creates a comfortable visual transition from the lens to the ceiling plane and easily accommod. LT6 snap-in trims 5.5" [140mm] pigtail

ELECTRICAL SYSTEM
 Integral, high-efficiency power supply
 Power Factor: minimum 0.9

Input Voltage: 120V, 50/60Hz or 277V, 50/60Hz

REGULATORY & VOLUNTARY QUALIFICATIONS

· Suitable for wet locations for covered ceilings only

277V is dimmable to 5% with most trailing edge dimmers

• Operating Temperature Range: -20°C - +35°C (-4°F - +95°F)

Meets FCC Part 15, Subpart B, Class B standards for conducted and

• Total Harmonic Distortion: < 20%

**Product Specifications** 

7L 27K 7.5W, 650 lumens – 87 LPW 2700K 10L 35K 10.5W, 1,050 lumens – 100 LPW 3500K

18L 22W, 1,800 lumens – 82 LPW 400K 277V 277V 277 Volts

T (800) 236-6800 F (262) 504-5415

Utilizes Cree TrueWhite® Technology

Initial Delivered Lumens: 650-1,800 lumens

SYMBOL:	QTY:	LABEL:
	31	S

#### LR618L-40K-GU24+RC6-GU24 HOUSING

The LR6<sup>™</sup> downlight is an unparalleled combination of light quality and efficacy – bringing outstanding performance and value to the retrofit downlight space. Delivering up to 1800 lumens of exceptional 90+ CRI light while achieving up to 100 lumens per watt, this breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology, with an integrated driver and thermal management design. The LR6<sup>™</sup> downlight is available in warm or neutral color temperatures, three lumen packages, and offers a variety of trim options.

Applications: Commercial new construction and retrofit

### PRODUCT INFORMATION WALL MOUNTED

SYMBOL:	QTY:	LABEL:
	8	W1

RLA-E-S23L03XX

Estimated 100,000+ hours of maintenance-free operation to L<sub>70</sub>

Up and down fixture creates gorgeous hourglass lighting effect

Die-cast aluminum mounting box with extruded aluminum housing

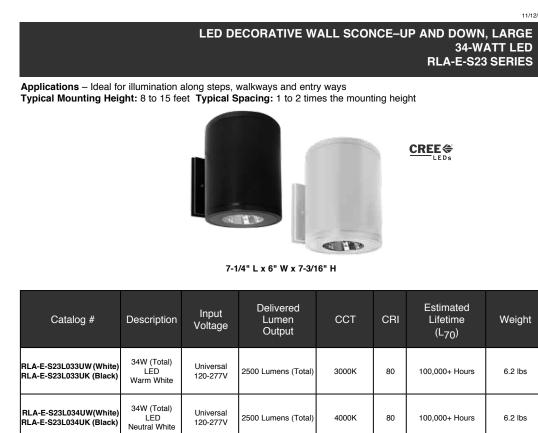
Supplied with back mounting plate to mount over a 4" square or

mounting box measures 5" square (5-3/8" square with gasket)

Dimmable with most 0-10V dimmers

4" octagonal junction box

25-degree beam spread



Silicon gasket provides a water tight seal

· Polyester powder-coat black or white finish

 Univeral voltage (120V through 277V) ETL Listed for wet locations

Cree® LEDs inside

• 3-year warranty

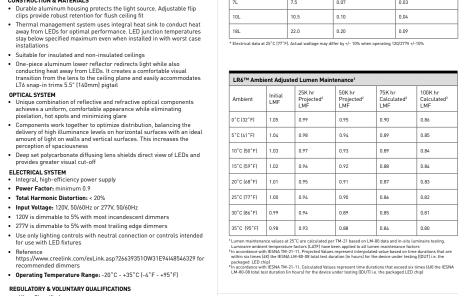
Accessories

None Available

Tempered glass lens, thermal shock and impact resistant



<--- 5.74" ---> (146mm)



GU24

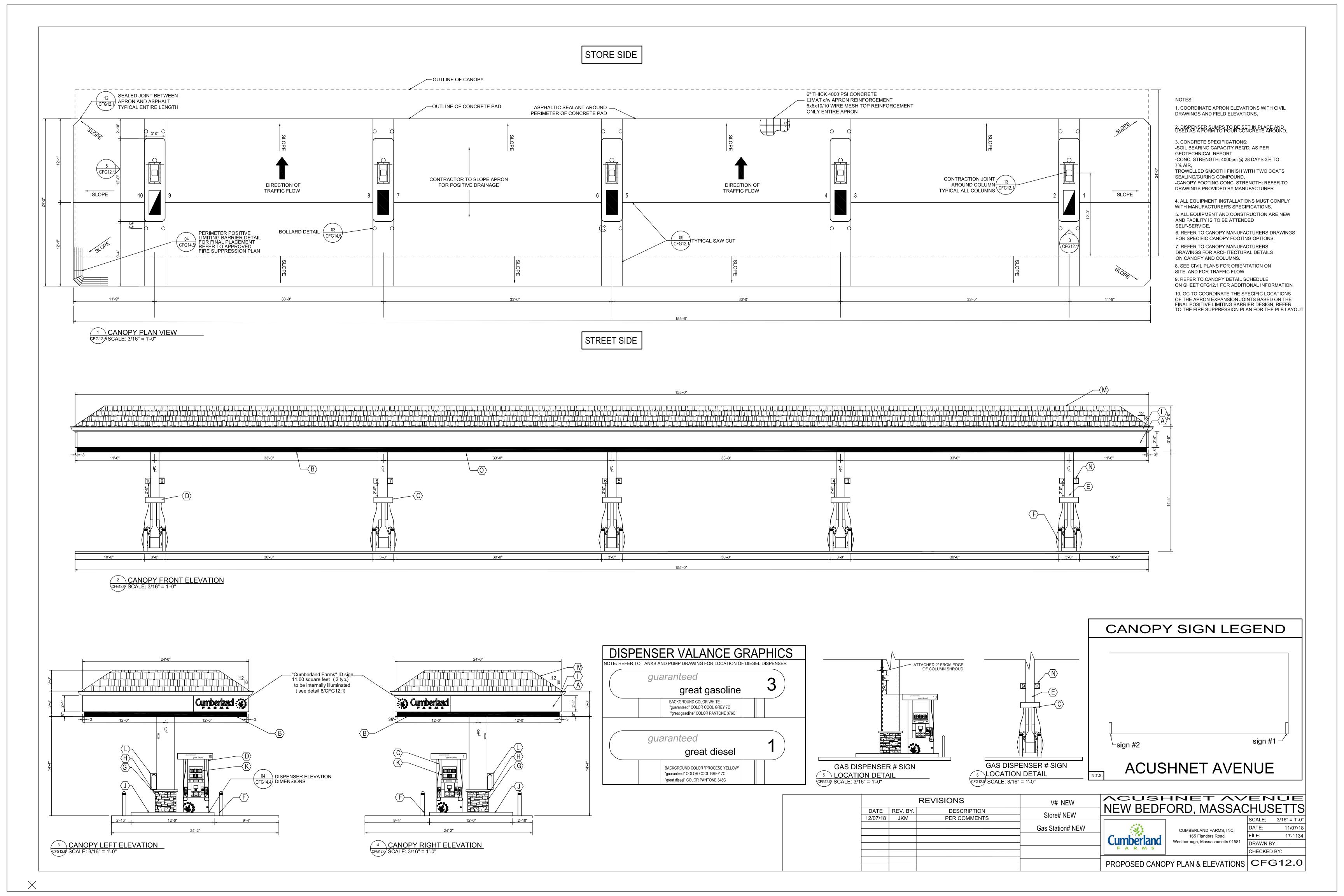
GU24 base; when Edison base is required for i
GU24-E26 Adapter accessory (see table above
Available only with LR6-10L and LR6-18L

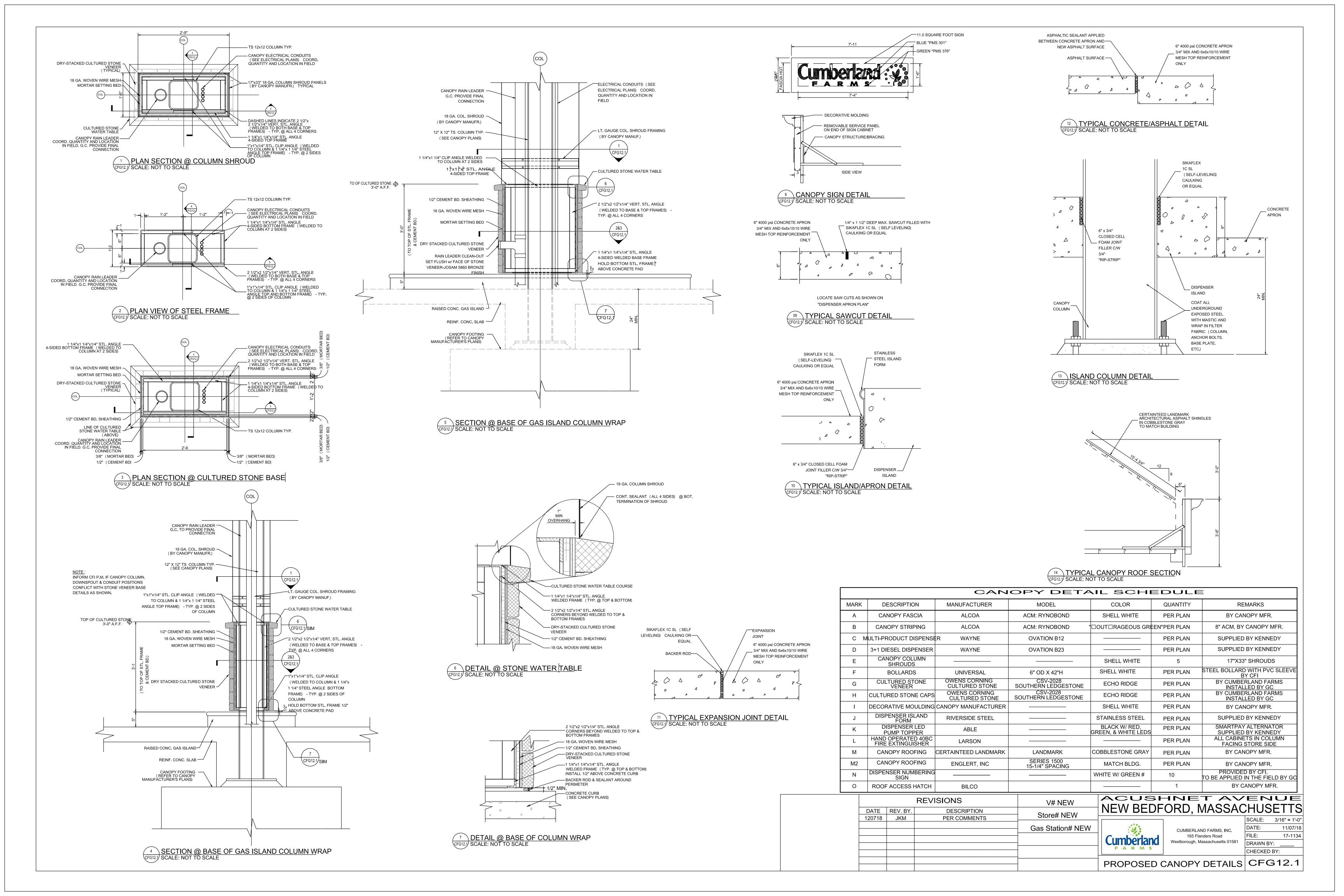
Blank 120 Volts

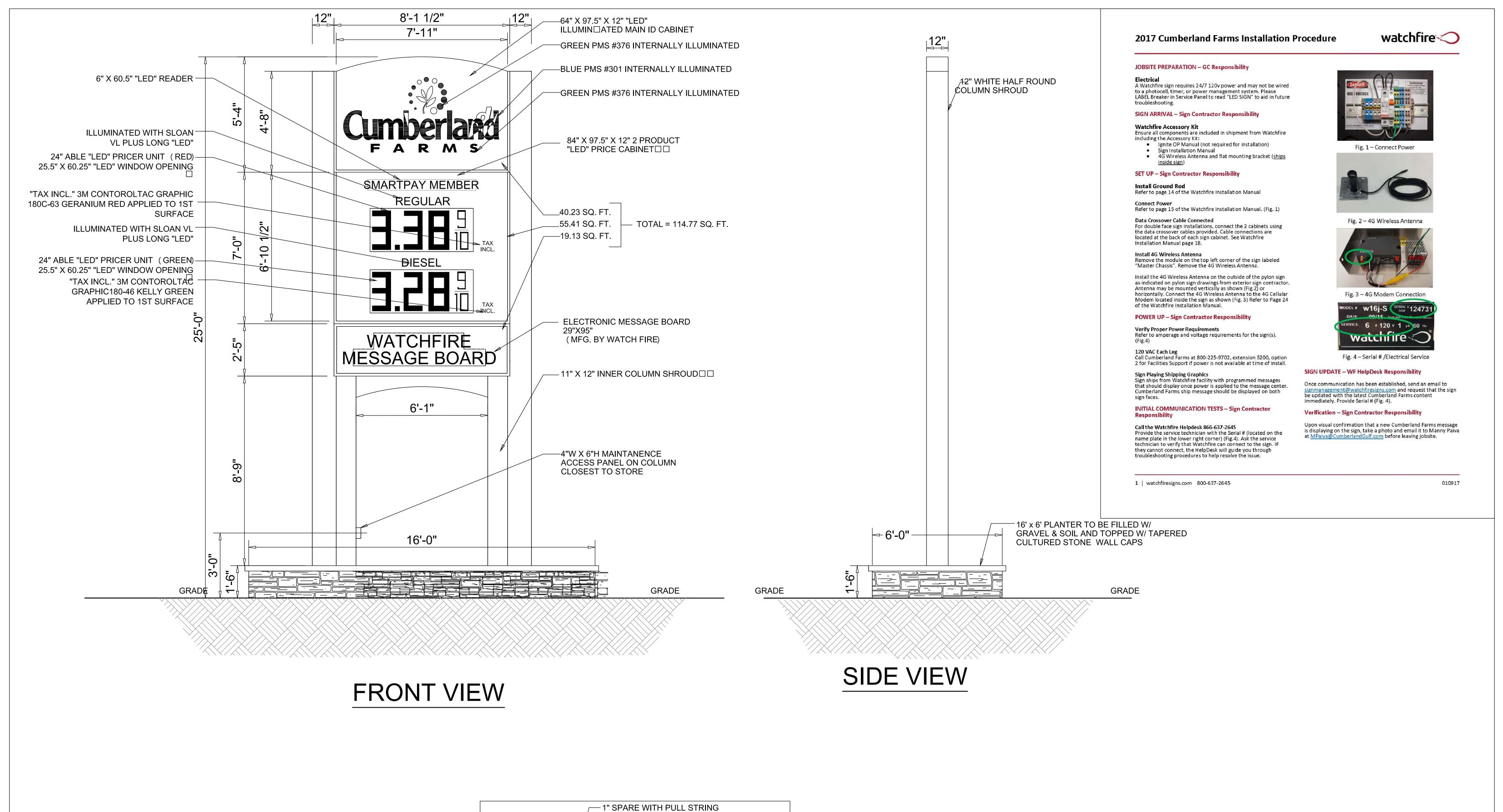


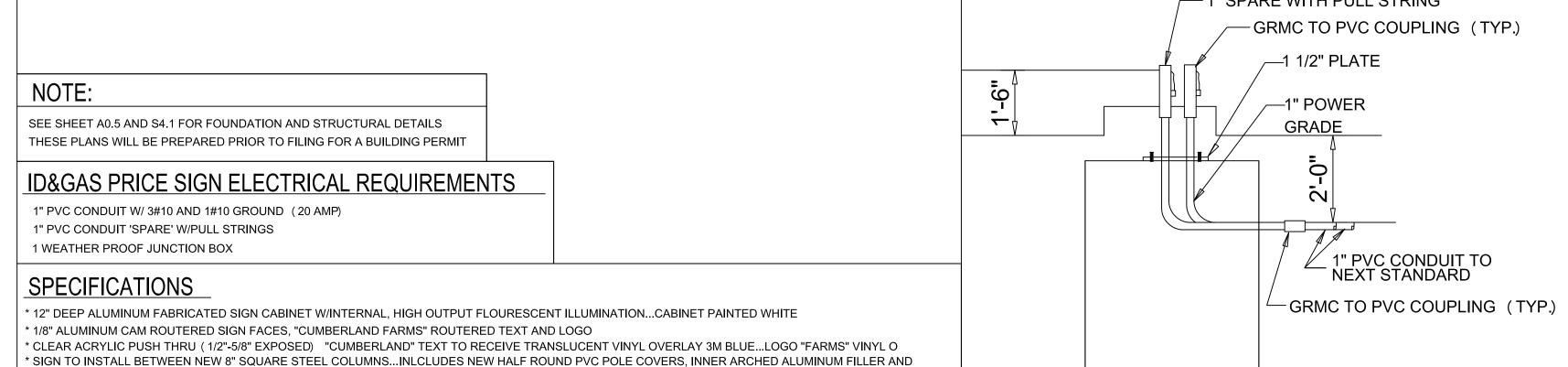
			CREE
US: lighting.cree.com	T (800) 236-6800 F (262) 504-5415	Canada: www.cree.com/canada	T (800) 473-1234 F (800

US: lighting.cree.com

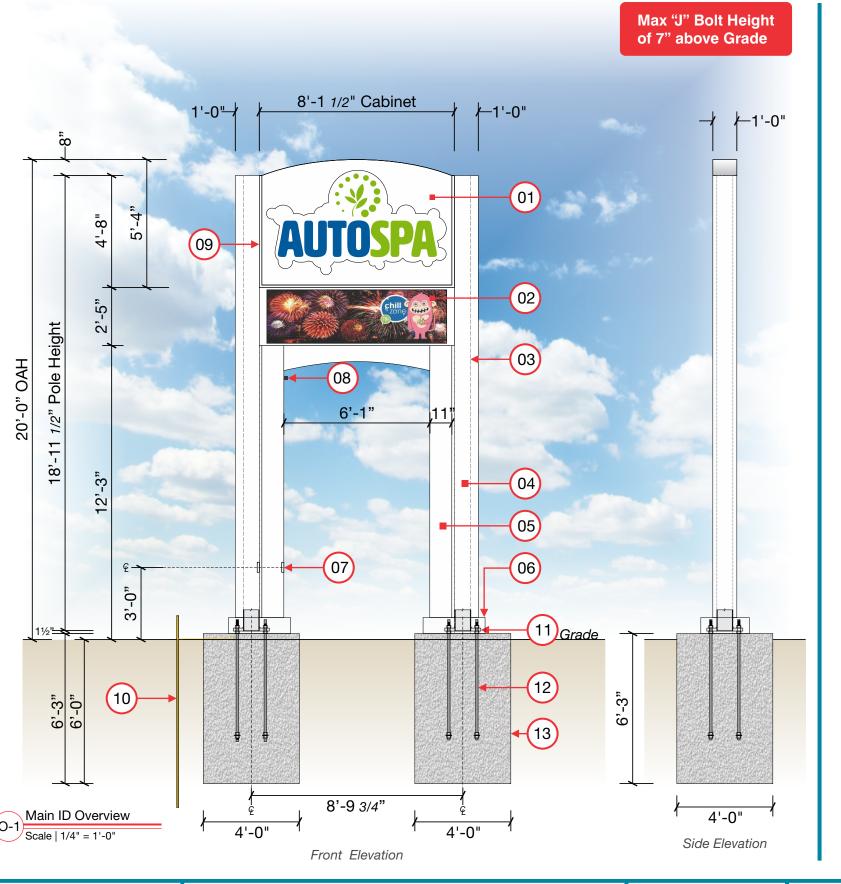








		REVISIONS	V# NEW	290	04 & 2914 ACUSHNET AV	'ENUE	
DATE	REV. BY.	DESCRIPTION	Store# NEW	8' PR	COTOT	YF	<b>PE</b>
05/04/17	RSP	WATCHFIRE DIMS		$\dashv$		SCALE:	1/2" = 1'-0"
120718	JKM	PER COMMENTS	_	Currele over and	CUMBERLAND FARMS, INC.	DATE:	11/07/18
			_		165 Flanders Road	FILE:	17-1134
				Cumberland	Westborough, Massachusetts 01581	DRAWN B	Y:
				FARMS		CHECKED	BY:
				PROPOSED	SIGN DRAWING	CFO	G 13.0



(01) CF-MID-GP-8FT-ID 5'-4"h x 8'-11/2"w x 1'-0" LED Illum. Main ID Cabinet w/ Router cut & backed up white polycarb logo & trans vinyl graphics 43.34 Sq Ft

- (02) 2'-5"h x 8'-1½" x 1'-0" Electronic Message Center Supplied by Cumberland Farms 19.64 Sq Ft NOTE: MESSAGE TO CHANGE EVERY 24HRS
- (03) Dotted Lines Represent 18'-111/2"h x 8"x 8" x 5/16" Steel Posts
- (04) CF-MID-GP-8FT-SYS-POCO Pole Covers & Mounting
- (05) 11"w x 1'-0" Deep Inner Column Shroud
- (06) 2'-0" x 2'-7" x 8"h .080 aluminum plate cover painted white to match Cumberland Farms White
- **(07)** 5" x5" Maintanence Access Panel SHUT OFF SWITCH TO BE LOCATED INSIDE HAND HOLE
- (08) Watchfire board master chassis side to be closest to building. Antenna to be mounted inside inner shroud via magnet on building side. (Antenna to protrude 2" out of inner shroud)
- (09) Reveal to Remain Consistent 11/4" Throughout Sign
- 10 Sign company to provide the ground rod for sign. Typically it is a 8' long, copper clad ground rod within 25' of the base of the sign. The sign company must make an electrical connection from the ground rod to each sign cabinet. Watchfire recommends using a minimum of 8 AWG wire to make the connections.
- (11) 1'-6" x 1'-6" x 1½" thk base plates (see plate detail)
- (12) (4) 11/4" Dia Anchor Bolts 54" embed
- (13) 4'-0" Square x 6'-3" Deep Concrete Foundation Installed by others

FOUNDATION DIMENSIONS SHOWN FOR DESIGN INTENT ONLY. ACTUAL SIZE MAY VARY BASED ON LOCAL REQUIREMENTS

**CUSTOM PLANTER FOR 8FT WIDE SIGNS** 6'-0" x 16'-0" FACE OF CMU TO FACE OF CMU

IF THE DISTANCE FROM THE LOWEST SIGN TO PLANTER IS LESS THAN 1' THAN THE PLANTER IS 1'-6" H x 10'-8" W x 2'-4"D w/ Solid Top\*

FOR PLANTER AND PLANTER **FOUNDATION SEE:** SHEET: A0.5 **TITLED: PYLON SIGN-PLAN, ELEVATIONS AND DETAIL** 

Templates & anchor bolts for MID signs to be supplied by material supplier.



#### **PRODUCTION**

Typography

<u>Mob</u>

Regular | 0 Kerning | 0 Spacing

ABCDEFGHIJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789#!&

Color Pallette | Pantone • Paint • Vinyl



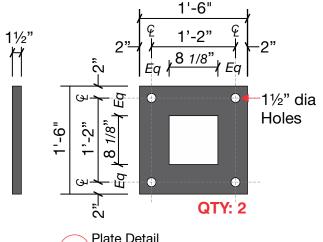
Opaque Vinyl: 3M Vivid Blue 180C-17 Translucent Vinyl: 3M Bristol Blue 3630-97

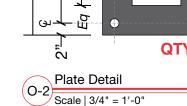


Opaque Vinyl: 3M Apple Green 180C-198
Translucent Vinyl: 3M Brilliant Green 3630-10
Green ACM: Alcoa Reynobond Duragloss 3000 Outrageous Green

Paint Color: Cumberland Farms White (300G B-10, .1g B-44)











CF-MID-GP-8FT-SYS-3 | SPECIFICATIONS

QTY: ONE (1) MAIN ID SIGN SYSTEM

DESIGNER: DK

REVISIONS: REVISED FOUNDATIONS & ADDRESS 10/29/18-REVISED TO PRODUCTION

PM: JD DESIGNER: DK

DATE: 8/6/2018

THIS DRAWING INCLUDES DATA THAT IS PROPRIETARY INFORMATION OF PRO SIGN COMPANY, IT SHALL NOT B USED, DUPLOCATE OR DISCLOSED IN WHOLE OR PART FOR ANY PURPOSE OTHER THAN TO EVALUATE THIS PROPOSER AS A RESULT OF OR IN CONNECTION WITH THE SUBMISSION OF THIS DATA, THE DEFEREE SHALL HAVE THE RIGHT TOUS OR DISCLOSE THE DATA TO THE EXTENT PROVIDED IN THE RESULTING CONTRACT.

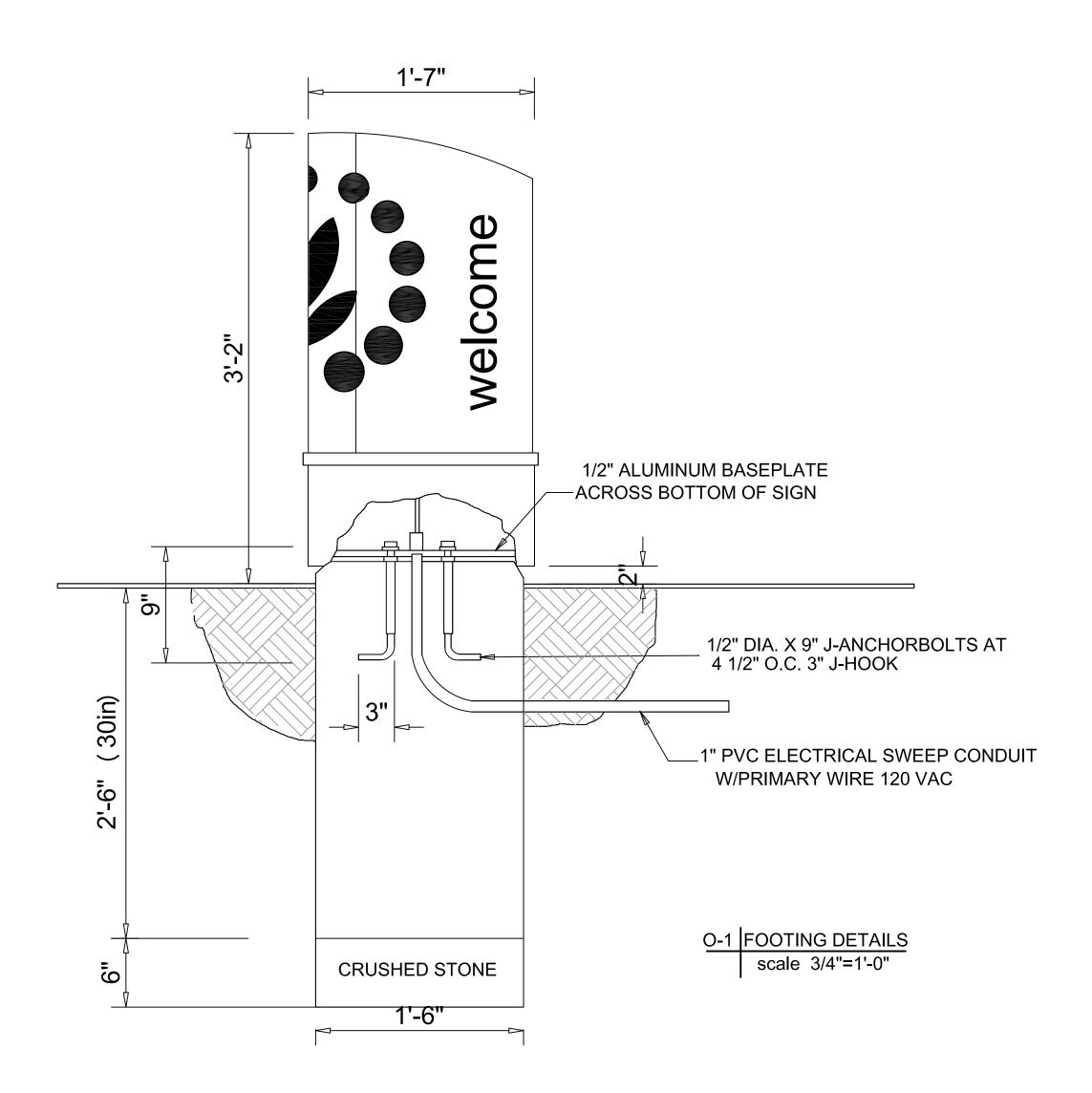
Copyright, Pro Sign Company, 2017

Job File Locations

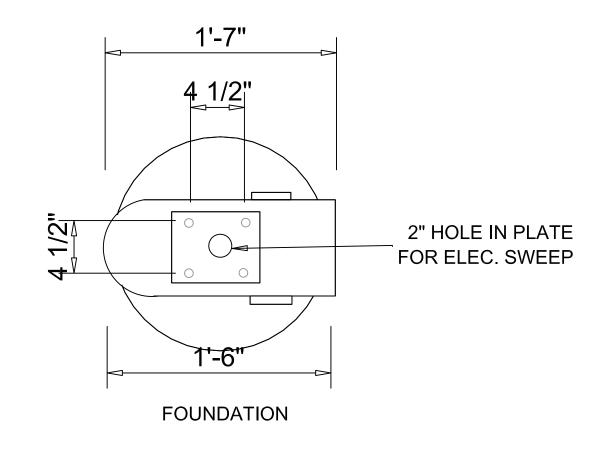
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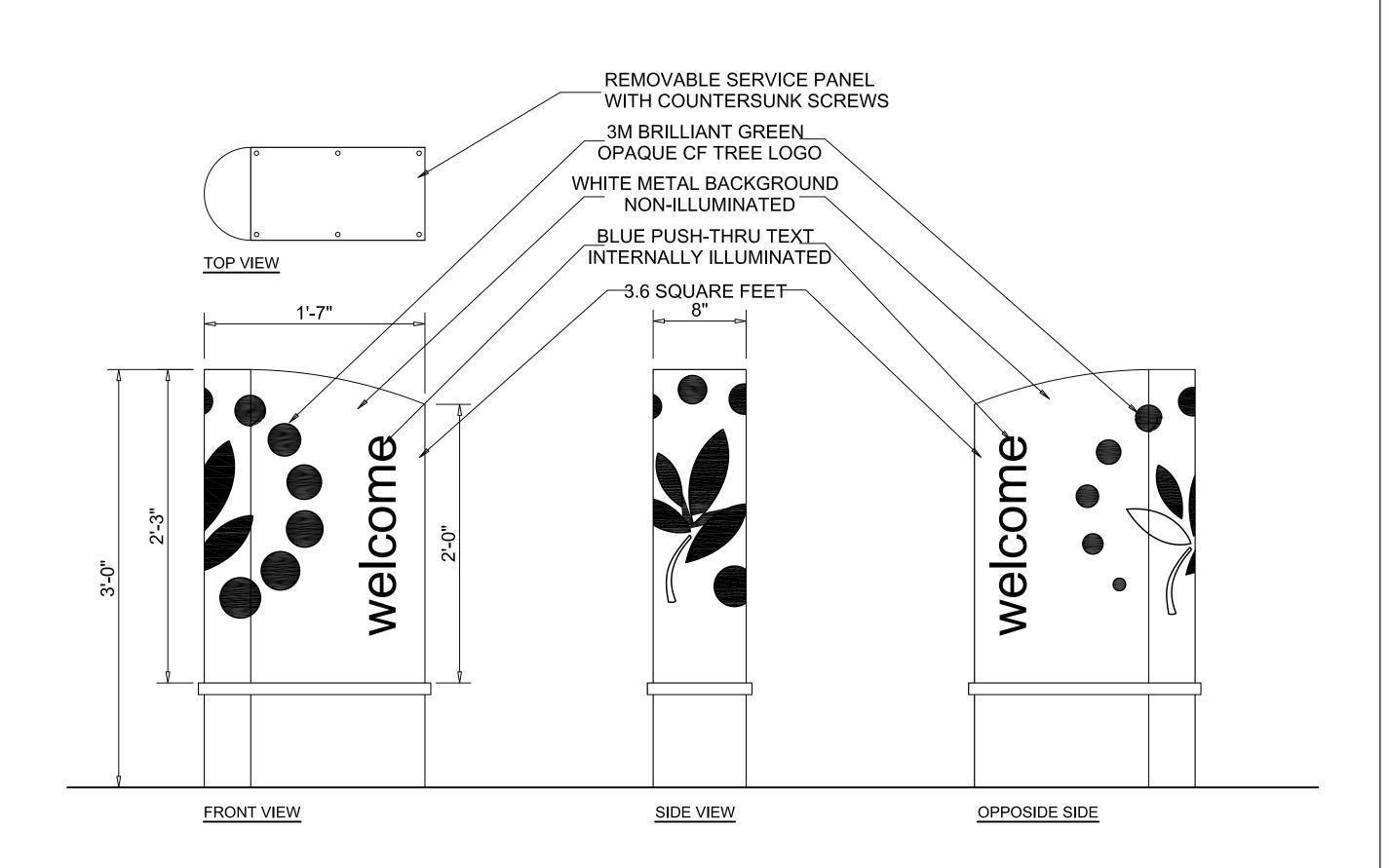
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CF-MID-GP-8FT-ID-AUTOSPA.eps

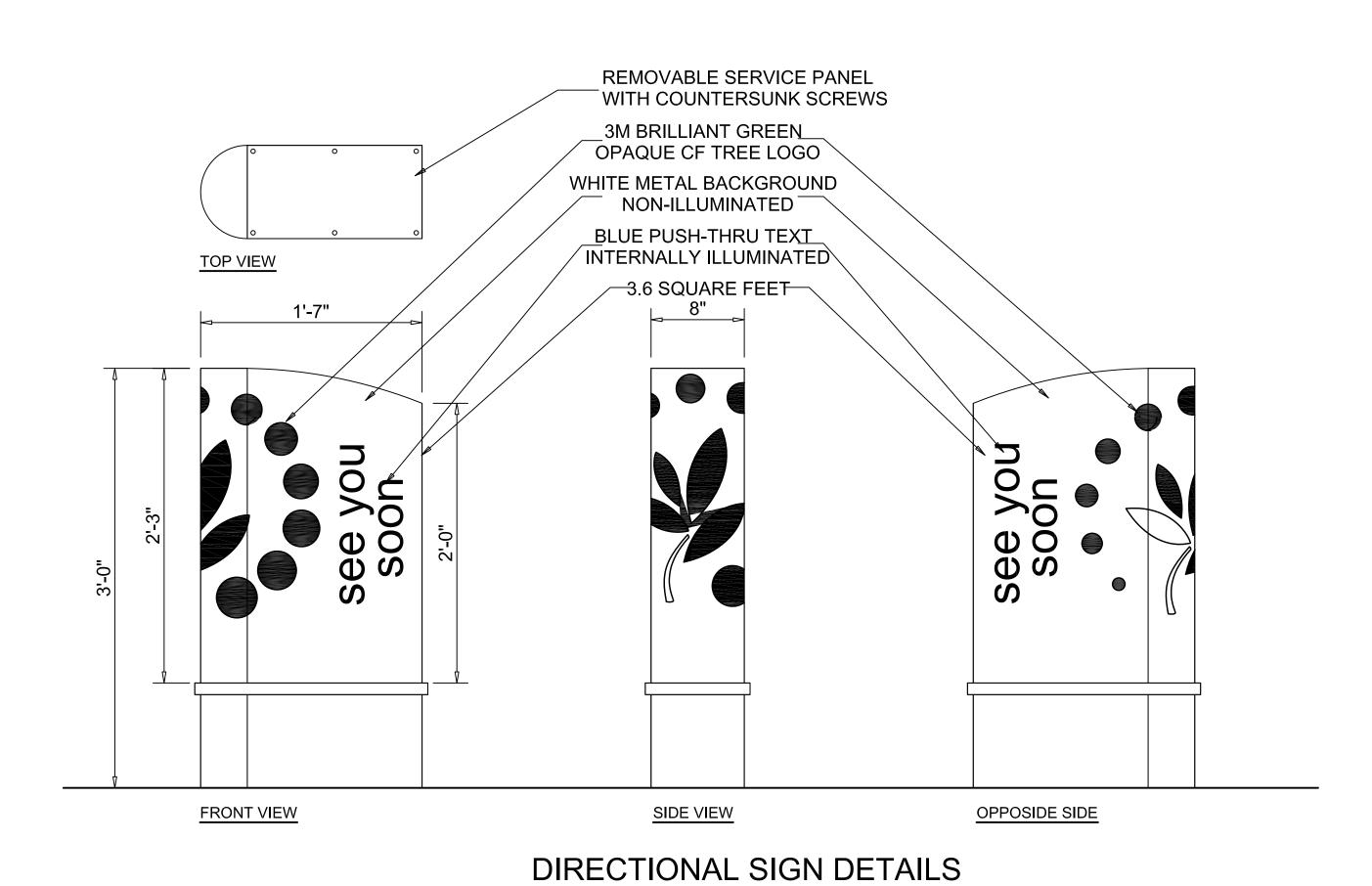
Page CFG13.1



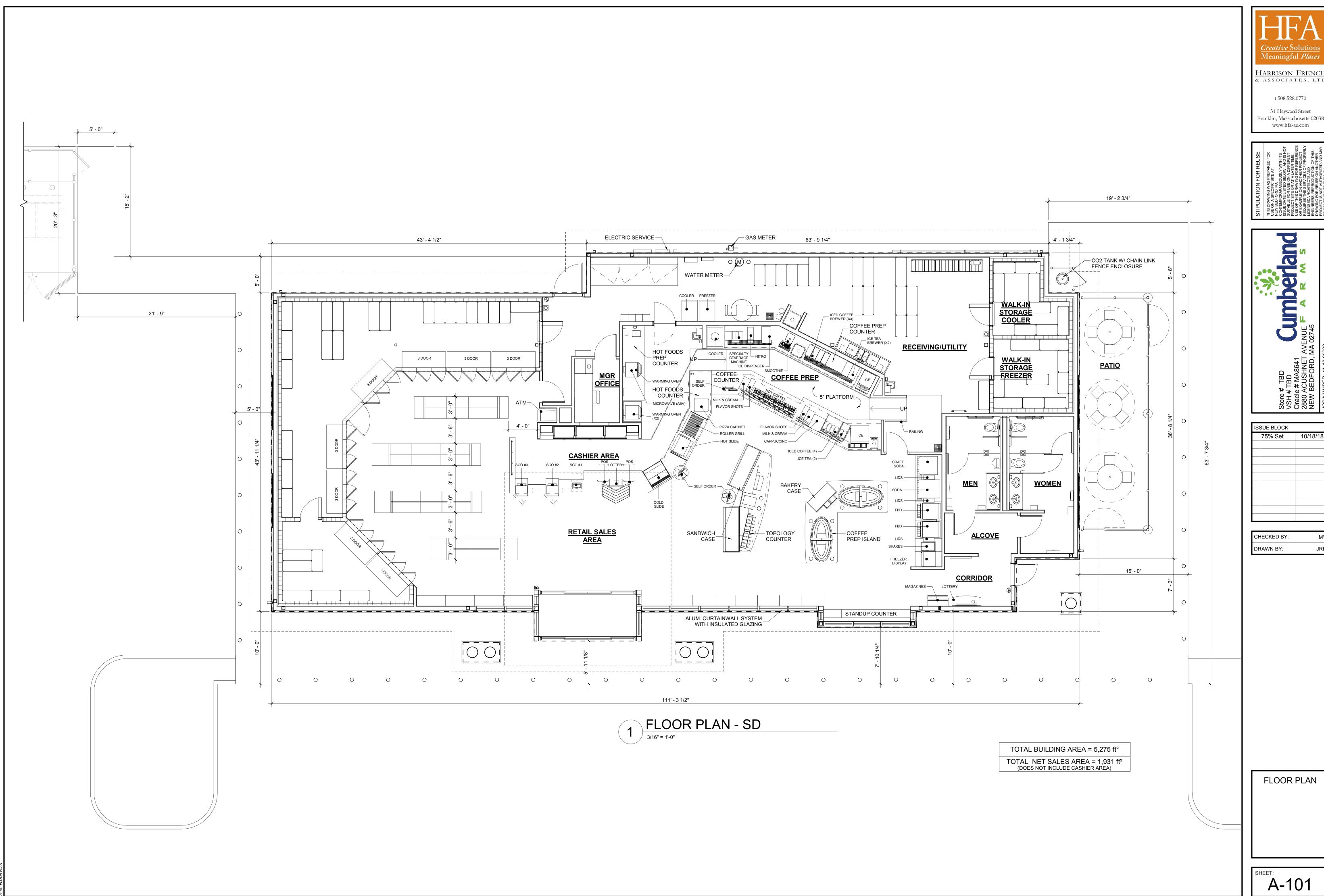
# NEW CONCRETE FOOTING







	REVISIONS		NS V# NEW		2904 & 2914 ACUSHNET AVENUE		
DATE	REV. BY.	DESCRIPTION	STORE# NEW			_	
120718	JKM	PER COMMENTS		•••		SCALE:	1/2" = 1'-0"
			GAS STATION# NEW		CUMBERLAND FARMS, INC. 165 Flanders Road	DATE:	11/02/18
				Cumbardand		FILE:	17-1134
				Cumberland	Westborough, Massachusetts 01581	DRAWN B	Y:
				FARMS		CHECKED	BY:
				DIRECTIONA	L SIGN DETAILS	CFC	313 2

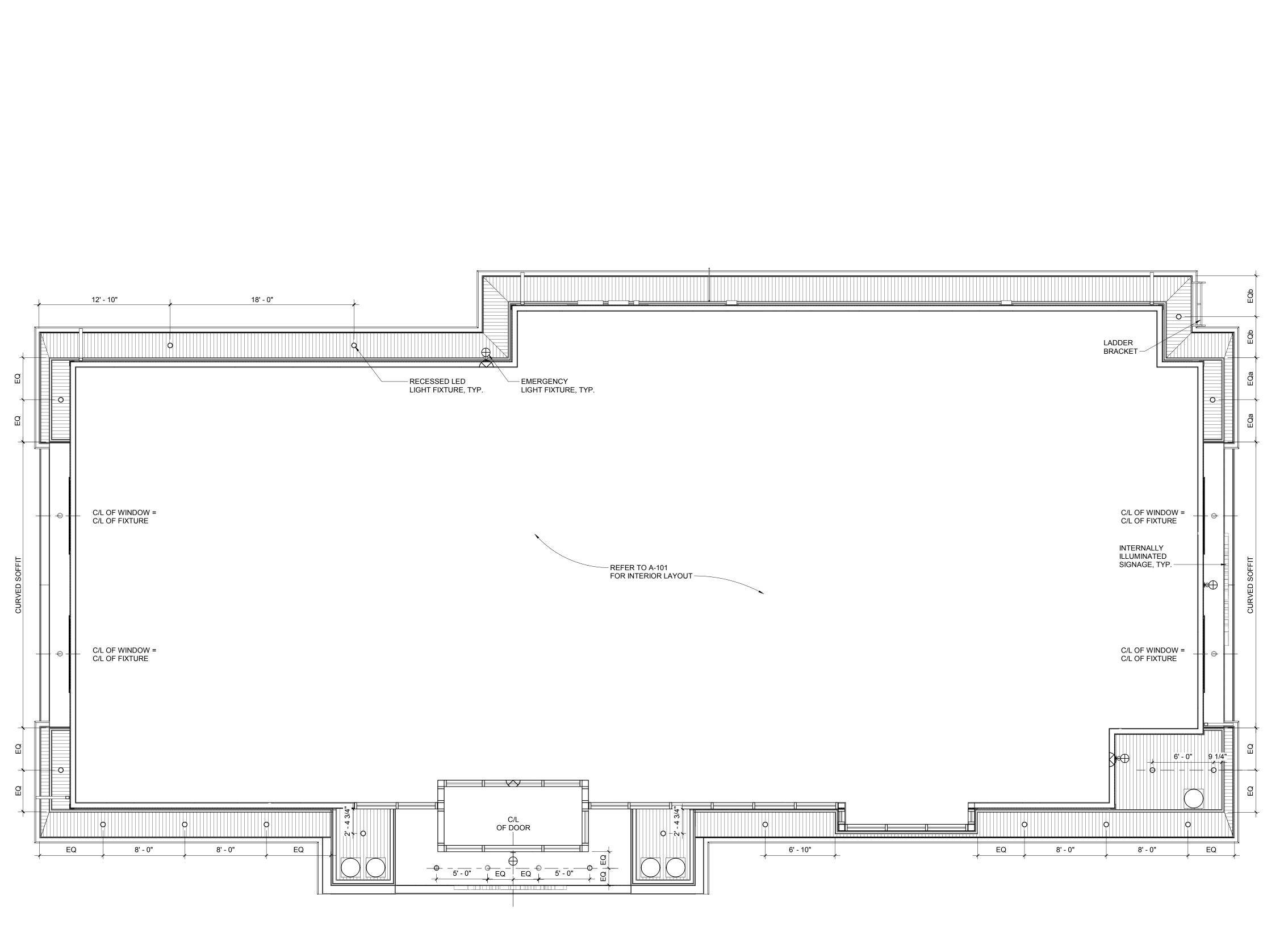


Meaningful *Places* HARRISON FRENCH & ASSOCIATES, LTI t 508.528.0770



75% Set 10/18/18

FLOOR PLAN



1 REFLECTED CEILING PLAN - SD
3/16" = 1'-0"

EXTERIOR REFLECTED CEILING PLAN

Creative Solutions Meaningful Places

HARRISON FRENCH & ASSOCIATES, LTD

t 508.528.0770

31 Hayward Street Franklin, Massachusetts 02038 www.hfa-ae.com

ISSUE BLOCK

CHECKED BY:

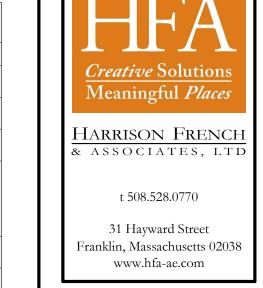
DRAWN BY:

75% Set 10/18/18

A-130

WALL SIGNAGE SPECIFICATION CUSTOM FABRICATED INTERNALLY ILLUMINATED SIGN THAT IS SUPPLIED BY OWNER AND IS INSTALLED BY SIGN VENDOR. SIGN AREA = 37.6 ft<sup>2</sup> 11' - 0" WIDTH **WORKING POINT** OF GABLE

			EXTERIOR FI	NISH SCHE	DULE
MARK	DESCRIP.	MANUF.	MODEL	COLOR	NOTES
CS-1	CULTURED STONE	BORAL	COUNTRY LEDGESTONE	ECHO RIDGE	INSTALL DRYSTACK ONLY
FB-1	FIBERGLASS COLUMN SHROUD	PACIFIC COLUMNS	-	WHITE	16'x9' ENDURA STONE PLAIN COLUMN ROUND SHAFT WITH TRUE ENTASIS TAPERED SMOOTH FINISH.
SHNG-1	ARCHITECTURAL ASPHALT SHINGLES	CERTAINTEED	LANDMARK	COBBLESTONE GRAY	30 YEAR WARRANTY
GU-1	ALUMINUM GUTTER SYSTEM	ATAS	.032	WHITE	PROVIDE ALL ACCESORIES REQ'D FOR A COMPLETE CONTINUOUS INSTALLATION. INSTALL PER MANUF. INSTRUCTIONS. ENSURE SEALED, WATERTIGHT CORNER CONNECTIONS. FLASH& SEAL TO DOWNSPOUTS AS REQ'D. PROVIDE SUPPORT STIFFENERS AT 12" MIN. O.C. GUTTER SHALL BE SEAMLESS & 6" MIN.
SW-1	SYNTHETIC WOOD TRIM	CERTAINTEED	-	WHITE	PROVIDE SCARF JOINTS ON ALL EXTERIOR SYNTHETIC WOOD TRIM. G.C. TO PUTTY ALL NAIL HOLES & PAINT ALL SYNTHETIC WOOD TRIM & PANELS.
SW-2	SYNTHETIC WOOD TRIM	CERTAINTEED	-	GREEN	PROVIDE SCARF JOINTS ON ALL EXTERIOR SYNTHETIC WOOD TRIM. G.C. TO PUTTY ALL NAIL HOLES & PAINT ALL SYNTHETIC WOOD TRIM & PANELS.
VS-1	VINYL SIDING	CERTAINTEED	MONOGRAM 46L DOUBLE 4"	HERRINGBONE	ROUGH CEDAR FINISH. PROVIDE ALL REQ'DACCESORIES & TRIM FOR A COMPLETE INSTALLATION.
VS-2	VINYL SHAKES	CERTAINTEED	NORTHWOODS	SAVANNAH WICKER	ROUGH CEDAR FINISH. PROVIDE ALL REQ'DACCESORIES & TRIM FOR A COMPLETE INSTALLATION.





L	Sto VSI Ore 288				
IS	ISSUE BLOCK				
	90% Set	XX/XX/	18		

CHECKED BY: DRAWN BY:

RIDGE 32' - 9" B.O. <u>FASCIA (HIG</u>H) 23' - 10 1/4" Cumberland - VINYL GUARDRAIL SYSTEM - ACCESS GATE B.O. FASCIA (LOW) 13' - 10 1/4" EMERGENCY LIGHT - 6'-0" HIGH CHAIN LINK FENCE ENCLOSURE WITH SLATS AROUND C02 TANK (COLOR OF SLATS TO MATCH SIDING) FAUX WINDOW -T.O. STONE CAP SEE FRONT ELEVATION FOR TYPICAL NOTES RIGHT SIDE ELEVATION - SD

- PATIO FURNITURE

SIGNAGE TRIM(SW-1) Cumberland FARMS ARCHITECTURAL
ASPHALT SHINGLES
(SHNG-1) EMERGENCY LIGHT FIXTURE —

- RIDGE VENT

-SYNTHETIC WOOD

SYNTHETIC WOOD TRIM -VINYL SIDING (VS-1) -CULTURED STONE -WATERTABLE 

CONC. SIDEWALK -

ALUM. CURTAINWALL SYSTEM (WHITE)

2880

VINYL SHAKES (VS-2) —

INTERNALLY ILLUMINATED -

CULTURED STONE -VENEER (CS-1)

FRONT ELEVATION - SD
3/16" = 1'-0"

3 FRONT PERSPECTIVE - SD

VINYL SHAKES -

ALUM. GUTTER & -DOWNSPOUT (GU-1)

VINYL-CLAD DOUBLE -HUNG WINDOW, TYP.

METAL FLASHING -@ ALL DORMERS, TYP.

ALUM. GUTTER & — DOWNSPOUT (GU-1)

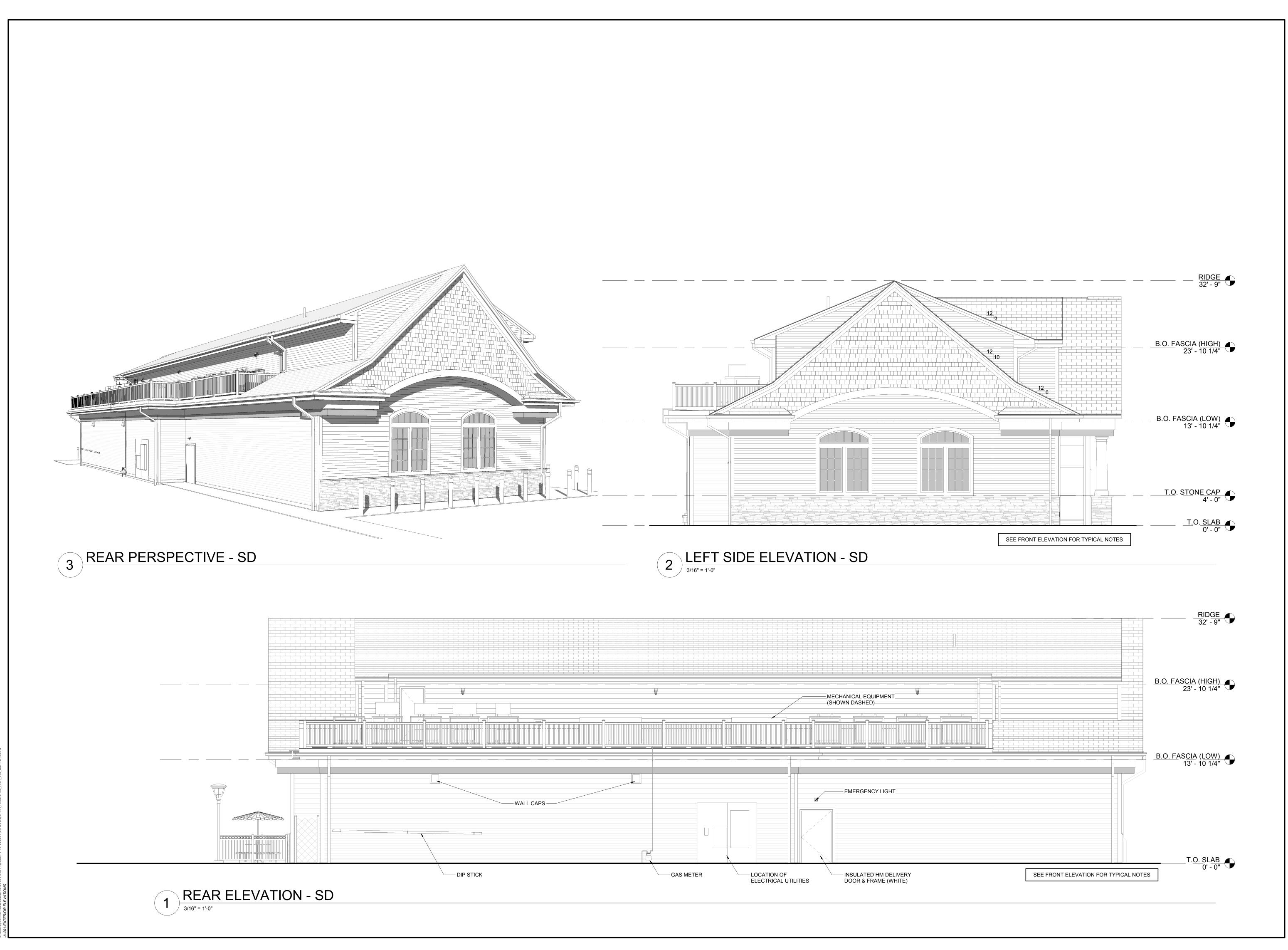
SYNTHETIC WOOD TRIM — (SW-1)

B.O. FASCIA (LOW)
13' - 10 1/4"

(VS-2)

A-200

**EXTERIOR ELEVATIONS** 



Creative Solutions
Meaningful Places

HARRISON FRENCH
& ASSOCIATES, LTD

t 508.528.0770

31 Hayward Street
Franklin, Massachusetts 02038
www.hfa-ae.com

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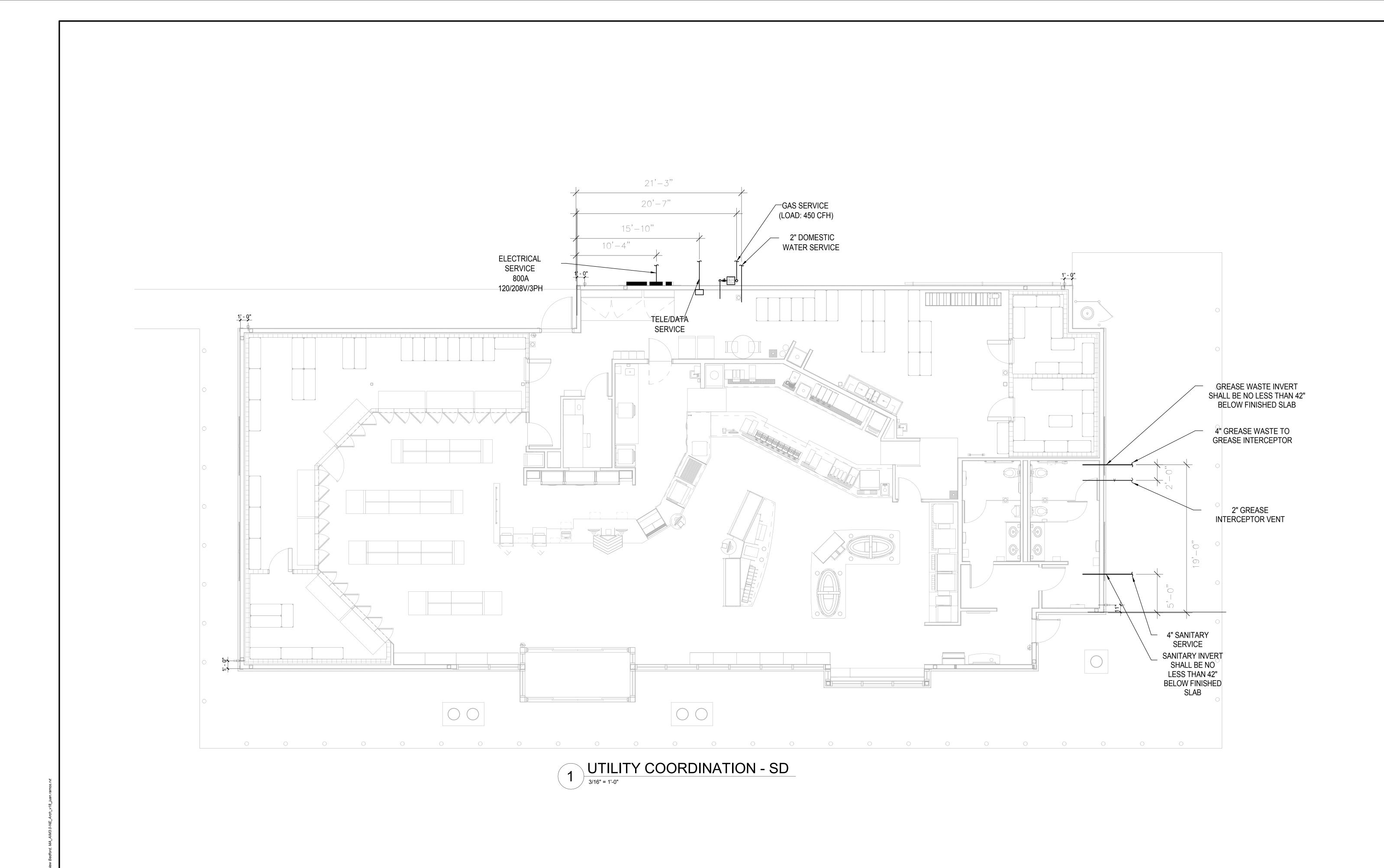


	0, /	0 (12	7
IS	SUE BLOCK		
	75% Set	10/18/1	8

CHECKED BY: MV
DRAWN BY: JRR

EXTERIOR ELEVATIONS

A-201



Creative Solutions
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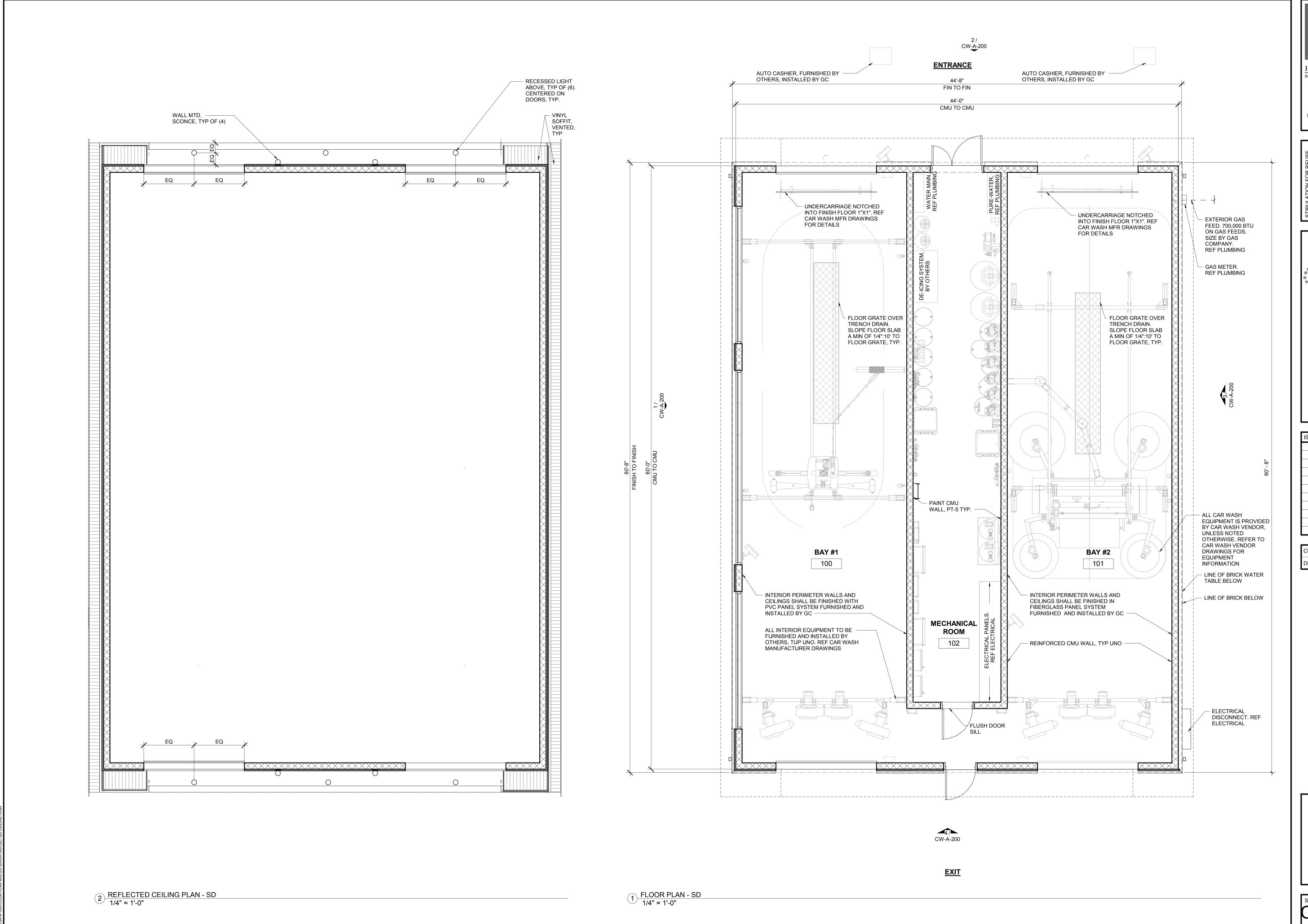


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	75% Set	10/18/18

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UTILITY COORDINATION

X-101



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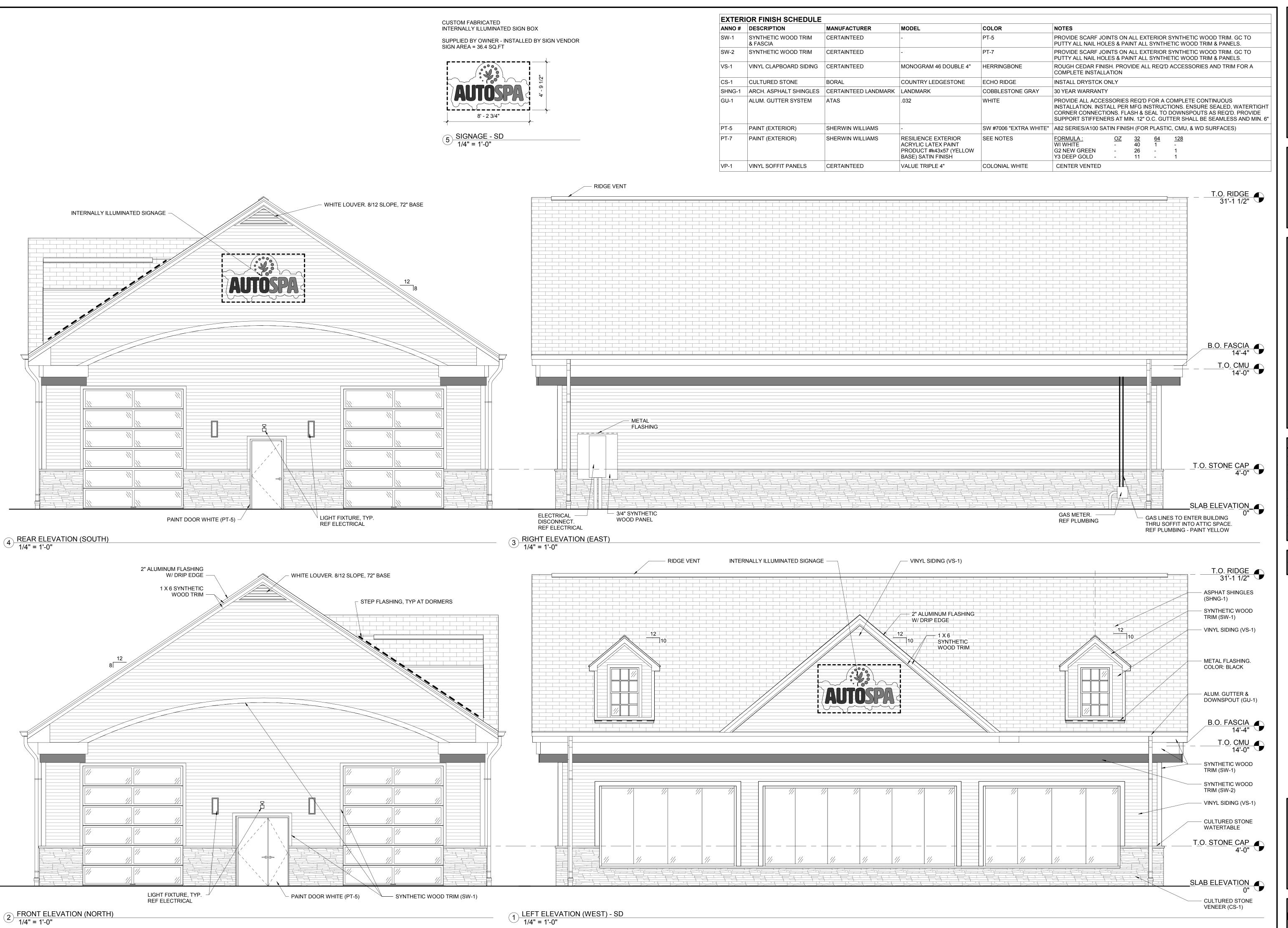
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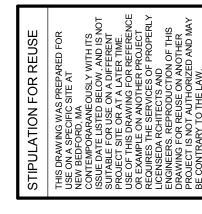
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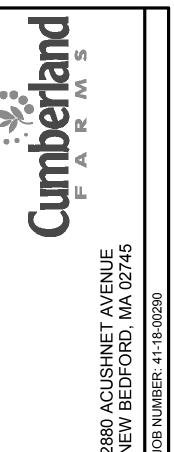
FLOOR PLAN AND EXTERIOR REFLECTED CEILING PLAN

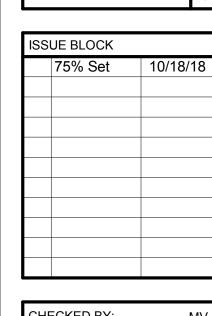
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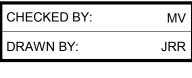






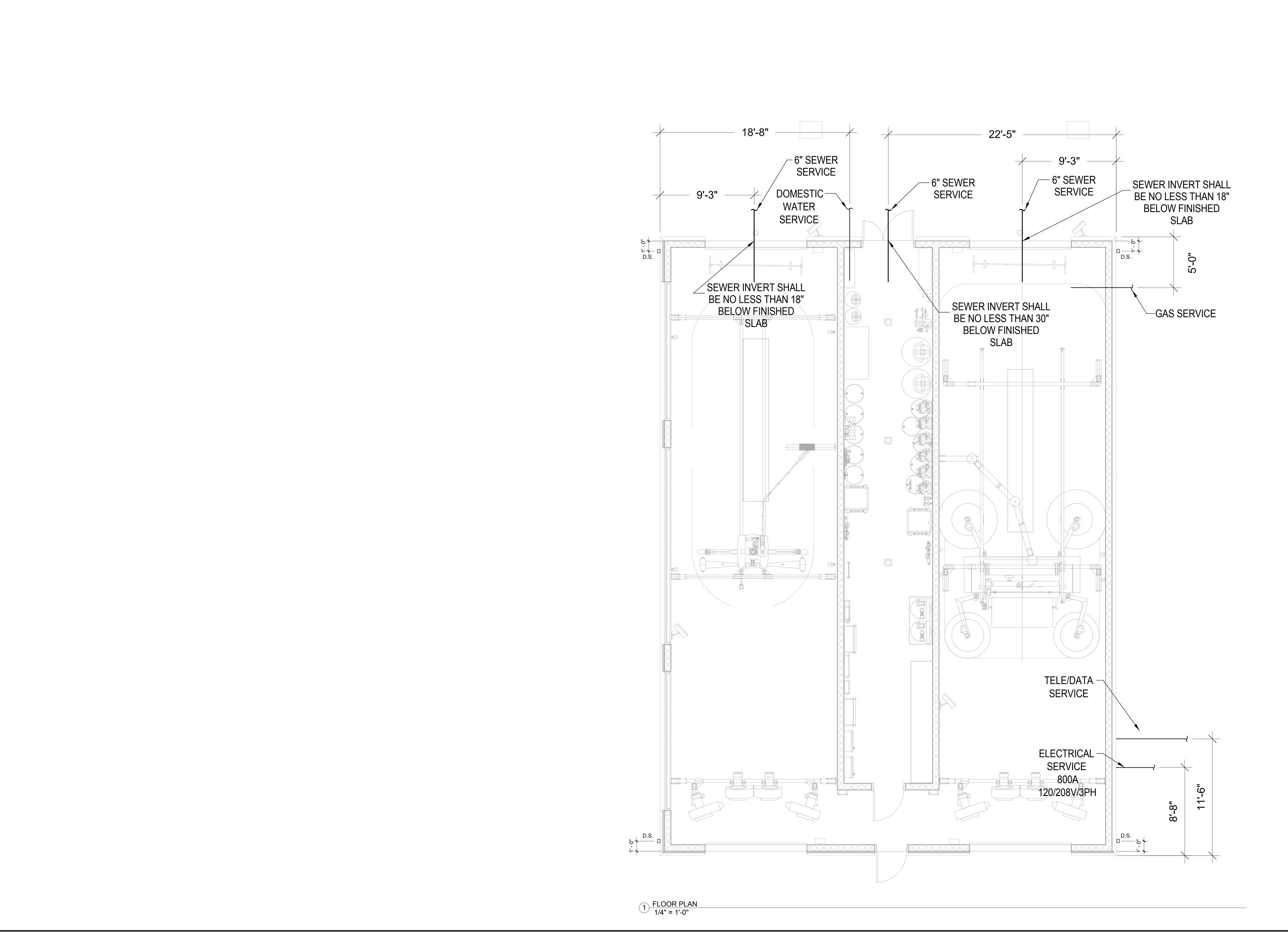






EXTERIOR ELEVATIONS







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UTILITY COORDINATION PLAN

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