LAYOUT OF PROPOSED SITE IMPROVEMENTS

1. RAISED FINISHED FLOOR ELEVATION
2. ADJUSTED ALL SITE GRADING TO RAISE GRADES AROUND BUILDING
3. REDUCED SIZE AND ADJUSTED LOCATION OF RETAINING WALL ALONG WEST PROPLINE
4. ADDED OUTLINE OF PROPOSED GRADING & DRAINAGE EASEMENT
5. CHANGED SURFACE INFILTRATION AREAS TO SUBSURFACE
6. ADDED DRAINAGE STRUCTURES, INCLUDING THE ADDITION OF THREE STORMCEPTORS
7. REROUTED ELECT AND WATER SERVICE PER NEW UG TANK LOCATION
8. EXIT" REAR YARD SETBACK
9. REDUCED WIDTH OF DRIVEWAYS
10. ADDED SIDEWALK FROM DRIVEWAY TO CROSSWALK AT FRUIT ST
11. CREATED MIN 25' SEPARATION BETWEEN PROPANE AND TRASH
12. ADJUSTED PARKING AROUND RELOCATED PROPANE ENCLOSURE
13. CHANGED ALL NOTES TO REFLECT VERTICAL GRANITE CURBING
14. MOVED ELECT SERVICE FROM OVERHEAD TO UNDERGROUND
15. ADDED PAVEMENT MARKINGS FOR ONE WAY TRAFFIC AROUND STORE
16. ADJUSTED ROAD STRIPING AND CURBING TO ALLOW BYPASS PER
17. ADDED ADJUSTMENT TO INTERSECTION ALIGNMENT OF CENTRAL STREET AND CENTRAL COURT
18. ADJUSTED LANDSCAPE PER NEW LANDSCAPE ARCHITECT'S PLAN
19. CONFIRMED ALL PARKING AREAS MAX SLOPE OF 2%
20. ADDED LABEL FOR SIGNS AT DRIVEWAY FOR "EXIT ONLY" AND "DO NOT
21. ADDED PARKING SPACE DIMENSIONS
22. SIDEWALKS LABELED AND DIMENSIONED
23. PAVEMENT AND CURB OFFSETS TO PROPERTY LINES ADDED
24. CURB RADII ADDED
25. ADDED PARKING SPACE NUMBERING
26. ALL EXSTG AND PROPOSED CRITICAL ELEVATIONS
27. PROPERTY BOUNDARIES, EASEMENTS, AND RIGHT OF WAYS.
28. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY:
29. PERMITS FROM THE LOCAL FIRE MARSHAL'S OFFICE AND TRADE OR BUILDING PERMITS FROM
30. IMPROVEMENTS AND CONSTRUCT A NEW GAS STATION AND CONVENIENCE STORE WITH
31. THE GENERAL PURPOSE OF THIS WORK IS TO REMOVE THE EXISTING RESIDENTIAL USE AND
32. WHERE CONFLICTS ARISE BETWEEN THE FIELD CONDITIONS & PROPOSED CONSTRUCTION, OR
33. EXSTG STRUCTURES, BUILDINGS, AND DRIVEWAYS
34. LOCATIONS, SIZES, DEPTHS OF EXSTG UG UTILITIES, PIPING, STRUCTURES, TANKS, ETC.
35. ALL EXSTG AND PROPOSED CRITICAL ELEVATIONS
36. 6.1. PREP SITE PER ANY CONDITIONS OF SITE APPROVALS FROM ZONING, PLANNING,
37. 6.2. RAZE AND REMOVE ALL EXISTING IMPROVEMENTS
38. 6.3. REPLACE UG UTILITIES AND INSTALL ANY STORMWATER MANAGEMENT STRUCTURES
39. 6.4. INSTALL NEW UNDERGROUND STORAGE TANKS
40. 6.5. CONSTRUCT NEW STORE, GAS STATION ISLANDS & CANOPIES
41. 6.6. INSTALL PAVEMENT & CURBING INCLUDING DRIVEWAYS. MATCH GRADE ALONG ALL PROP
GENERAL NOTES
1. SITE WILL BE SERVED BY ON SITE SEPTIC. PERC TESTING AND PRELIMINARY DESIGN HAS BEEN COMPLETED TO CONFIRM THAT THE SITE LAYOUT WILL PROVIDE NECESSARY AREA, GRADING AND DEPTH FOR THE FINAL SEPTIC DESIGN. A DETAILED SEPTIC PLAN WILL BE PREPARED FOR MUNICIPAL APPROVAL FOLLOWING APPROVAL OF THE SITE PLAN, SPECIAL PERMIT, AND OTHER REQUIRED PERMITTING.
2. A NEW 2" WATER SERVICE IS PROPOSED. THE CLOSURE OF THE EXISTING SERVICE AND TIE FOR THE NEW SERVICE WILL BE COMPLETED IN ACCORDANCE WITH UTILITY PROVIDER REQUIREMENTS.
3. A NEW OVERHEAD ELECTRIC SERVICE WILL BE ROUTED ALONG THE EAST PROPERTY LINE TO THE NEW BUILDING.
4. AN EMERGENCY GENERATOR IS PROPOSED TO BE INSTALLED.
5. PROPANE TANKS WILL BE INSTALLED FOR BUILDING HEATING, GENERATOR, AND KITCHEN APPLIANCES AS NECESSARY.
6. THE CONTRACTOR SHALL CONTACT DIG-SAFE PRIOR TO ANY CONSTRUCTION EXCAVATION (811 IN MA)
7. WHERE CONFLICTS ARISE BETWEEN THE FIELD CONDITIONS VERIFIED AND PROPOSED CONSTRUCTION, OR IF THERE IS A CONFLICT BETWEEN ANY REGULATIONS OR MUNICIPAL REQUIREMENTS AND THE PROPOSED PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUANCE OF THE WORK.
8. PROPOSED WORK INCLUDES THE INSTALLATION OF NEW SUBSURFACE STORMWATER INFILTRATION SYSTEMS FOR THE BUILDING AND CANOPY ROOF DRAINS AS WELL AS THE MAJORITY OF THE NEW PAVEMENT AREA.
9. IT IS INTENDED TO LEAVE UNCHANGED THE EXISTING FIRE HYDRANT AT APPROXIMATELY THE MIDDLE OF THE PROPERTY FRONTAGE.
10. A.L. PRIME OR ITS INSTALLATION CONTRACTOR WILL OBTAIN UTILITY APPROVALS AND PAY WATER CONNECTION FEES AS APPLICABLE PRIOR TO ANY WATER UTILITY WORK.
11. SEE THE TANK AND PIPING PLANS FOR LAYOUT OF MOTOR FUEL AND SEWAGE PUMPING.

ANTICIPATED WATER AND SEWER REQUIREMENTS
1. ANTICIPATED WATER AND SEWER FLOWS OF 1,500 GALLONS PER DAY BASED ON MA TITLE V AND SIMILAR STATION EXPERIENCE:
   1.1. RESTAURANT - (MIN) 1000 GPD
   1.2. RETAIL STORE - (MIN) 200 GPD
   1.3. MOTOR FUEL - (MIN) 300 GPD

BYFIELD, MA
23 CENTRAL STREET

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   1.2. RETAIL STORE - (MIN) 200 GPD
   1.3. MOTOR FUEL - (MIN) 300 GPD

UTILITY
C-3
EROSION CONTROL AND SOIL STABILIZATION

**SEASONAL BASIS:**
- 1. **ALL DISTURBED SLOPES SHALL BE STABILIZED WITH TEMPORARY TREATMENT SUCH AS EROSION CONTROL BLANKETS OR HYDRO SEEDING AND PROTECTED WITHIN ONE WEEK OR BEFORE ANY EXPECTED STORM EVENT.**
- 2. **PERMOWER CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY.**
- 3. **EROSION CONTROL MEASURES TO BE REVIEWED FOR THE TYPE OF SEDIMENT CONTROL, STONE, SOD, TUFF, COMMUNITY, TRASH OR CONSTRUCTION DEBRIS.**
- 4. **ALL SEDIMENT AND DUST CONTROLS MUST BE IN PLACE OR COVERED BY DIRT, SOIL, OR STRAW PRIOR TO CONSTRUCTION ACTIVITY.**
- 5. **STABLE EROSION CONTROL MEASURES SHALL BE USED AT ALL TIMES.**
- 6. **ANY SITE CLEARANCE PRIOR TO CONSTRUCTION ACTIVITY MUST BE CONDUCTED IN ACCORDANCE WITH FOLLOWING PERMANENT PROCEDURES:**
- 7. **ALL TEMPORARY PROTECTION REQUIRED IN PERMOWER CONTROL AREA (S) PRIOR TO INSTALLATION OF PERMANENT SEDIMENT CONTROL MEANS IN PLACE.**
- 8. **AN ACCEPTABLE STAND OF GRASS OR GROUND COVER IS TO BE MAINTAINED AROUND ALL BOUNDARIES RUBBER POTRATION.**

**PROJECT ADDRESS:**
- 1. **STEPS TO TAKE TO PREVENT EROSION:**
  - a. **All Directly Affected Areas:**
    - 1. **ALL DISTURBED SLOPES SHALL BE STABILIZED WITH TEMPORARY TREATMENT SUCH AS EROSION CONTROL  MEASURES OR HYDRO SEEDING AND PROTECTED WITHIN ONE WEEK OR BEFORE ANY EXPECTED STORM EVENT.**
    - 2. **PERMOWER CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY.**
    - 3. **EROSION CONTROL MEASURES TO BE REVIEWED FOR THE TYPE OF SEDIMENT CONTROL, STONE, SOD, TUFF, COMMUNITY, TRASH OR CONSTRUCTION DEBRIS.**
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    - 8. **AN ACCEPTABLE STAND OF GRASS OR GROUND COVER IS TO BE MAINTAINED AROUND ALL BOUNDARIES RUBBER POTRATION.**

- 2. **TEMPORARY TREATMENTS SHALL CONSIST OF SOD, STRAW, REED FESCUE, OR PROTECTIVE MATERIALS.**
- 3. **EROSION CONTROL MEASURES TO BE REVIEWED FOR THE TYPE OF SEDIMENT CONTROL, STONE, SOD, TUFF, COMMUNITY, TRASH OR CONSTRUCTION DEBRIS.**
- 4. **ALL SEDIMENT AND DUST CONTROLS MUST BE IN PLACE OR COVERED BY DIRT, SOIL, OR STRAW PRIOR TO CONSTRUCTION ACTIVITY.**
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- 8. **AN ACCEPTABLE STAND OF GRASS OR GROUND COVER IS TO BE MAINTAINED AROUND ALL BOUNDARIES RUBBER POTRATION.**

**CONSTRUCTION SEQUENCE:**
- 1. **EXCAVATION AND REalignment AREAS:**
  - a. **ALL DISRUPTED AREAS ARE TO BE MAINTAINED AND ANY BARE SOIL IN GRASSED AREAS SHALL BE RE-SEED.**
  - b. **LANDSCAPE AREAS ARE TO BE MAINTAINED AND ANY BARE SOIL IN GRASSED AREAS SHALL BE RE-SEED.**
  - c. **ALL DISRUPTED AREAS ARE TO BE MAINTAINED AND ANY BARE SOIL IN GRASSED AREAS SHALL BE RE-SEED.**
  - d. **ALL DISRUPTED AREAS ARE TO BE MAINTAINED AND ANY BARE SOIL IN GRASSED AREAS SHALL BE RE-SEED.**

**CONSTRUCTION ENTRANCES: DIFFERENTiates:**
- 1. **INSTALL PERIMETER FENCING, SILT CONTROLS, CONSTRUCTION ENTRANCES AND any REQUIRED DEP SIGNAGE TO BE INSTALLED PRIOR TO ANY SITE WORK OR INSTALLATION OF VARIOUS IMROVEMENTS.**
- 2. **TEMPORARY PROTECTION INCLUDING SILT FENCE, HAY BALES OR STRAW WATTLES MAY BE REMOVED AFTER FINAL SEDIMENT CONTROLS AS NECESSARY TO KEEP ALL OPERATING AS INTENDED.**
- 3. **CATCH BASIN INLET PROTECTION MUST REMAIN UNTIL BASE PAVEMENT IS INSTALLED AND REQUIRED APPROVAL FROM MUNICIPAL AUTHORITY.**
- 4. **PERMOWER CONTROL MEASURES TO BE REVIEWED FOR THE TYPE OF SEDIMENT CONTROL, STONE, SOD, TUFF, COMMUNITY, TRASH OR CONSTRUCTION DEBRIS.**
- 5. **ALL TEMPORARY PROTECTION REQUIRED IN PERMOWER CONTROL AREA (S) PRIOR TO INSTALLATION OF PERMANENT SEDIMENT CONTROL MEANS IN PLACE.**
- 6. **AN ACCEPTABLE STAND OF GRASS OR GROUND COVER IS TO BE MAINTAINED AROUND ALL BOUNDARIES RUBBER POTRATION.**

**SEGMENTATION CONTROL AND CONSTRUCTION SPA AND MAIN PLAN: DETAILED COMPLIANCE REQUIREMENTS:**
- 1. **STUDY SHEETS FOR ADDITIONAL DETAILS.**
- 2. **CATCH BASIN INLET PROTECTION MUST REMAIN UNTIL BASE PAVEMENT IS INSTALLED AND REQUIRED APPROVAL FROM MUNICIPAL AUTHORITY.**
- 3. **PERMOWER CONTROL MEASURES TO BE REVIEWED FOR THE TYPE OF SEDIMENT CONTROL, STONE, SOD, TUFF, COMMUNITY, TRASH OR CONSTRUCTION DEBRIS.**
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**POST CONSTRUCTION: Atmosphere:**
- 1. **STUDY SHEETS FOR ADDITIONAL DETAILS.**
- 2. **CATCH BASIN INLET PROTECTION MUST REMAIN UNTIL BASE PAVEMENT IS INSTALLED AND REQUIRED APPROVAL FROM MUNICIPAL AUTHORITY.**
- 3. **PERMOWER CONTROL MEASURES TO BE REVIEWED FOR THE TYPE OF SEDIMENT CONTROL, STONE, SOD, TUFF, COMMUNITY, TRASH OR CONSTRUCTION DEBRIS.**
- 4. **ALL TEMPORARY PROTECTION REQUIRED IN PERMOWER CONTROL AREA (S) PRIOR TO INSTALLATION OF PERMANENT SEDIMENT CONTROL MEANS IN PLACE.**
- 5. **AN ACCEPTABLE STAND OF GRASS OR GROUND COVER IS TO BE MAINTAINED AROUND ALL BOUNDARIES RUBBER POTRATION.
The general purpose of this work is to remove the existing residential use and improve the site to construct a new gas station and convenience store with drive-thru.

1. Stormwater impacts of the proposed development have been determined as not to exceed the 0.25 CFS/acre specified for a non-wetland site, as influenced by that modeling to reduce post-development runoff. Below, pre-development rates and volumes, please refer to the Stormwater Management Plan.

2. The layouts on this sheet are included in the Stormwater Management Plan and used in the HydroCAD model.

3. The layouts on this sheet are included in the Stormwater Management Plan.
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**LUMINAIRE SCHEDULE**

**SYMBOL**

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**REVISED PER UPDATED SITE PLAN AND COMMENTS**

**WHICH RED LEONARD ASSOCIATES, INC. OR ITS ADDITION, THE USE OF THIS PROGRAM TO AID IN QUANTITIES IS NOT INTENDED TO REMOVE THE ELECTRICAL, LIGHTING, OR ENERGY CODE.**

**FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES**

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**NOTE:**

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1. THIS PLAN TO BE USED IN CONJUNCTION WITH OTHER SITE AND ARCHITECTURAL PLANS. THIS PLAN ONLY FOR UG TANK FILLER CONTROL BUILDING.

2. INSTALL THREE NEW UG DW FG MOTOR FUEL TANKS

3. THE PROPERTY IS NOT LOCATED WITHIN 100' BUFFER TO VEGETATED WETLANDS OR RIVERFRONT PROTECTION AREA.

4. INSTALL NEW CONCRETE PAVING OVER TANKS AND THROUGHOUT FUELING AREA

5. INSTALL NEW DRY CHEMICAL FIRE SUPPRESSION SYSTEM AT FUELING AREA PER FD APPROVED PLAN

6. INSTALL NEW DRY CHEMICAL FIRE SUPPRESSION SYSTEM AT FUELING AREA PER FD APPROVED PLAN

7. WHERE CONFLICTS ARISE BETWEEN FIELD CONDITIONS VERIFIED AND PROPOSED CONSTRUCTION, OR IF THERE IS A CONFLICT BETWEEN THE PROPOSED PLANS AND ANY LOCAL MUNICIPAL REGULATIONS OR MUNICIPAL REQUIREMENTS AND THE PROPOSED PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER OF SUCH CONFLICT.

8. GW IS EXPECTED ABOVE BOTTOM OF TANK EXCAVATION SO CONSTRUCTION DEWATERING IS EXPECTED TO BE REQUIRED.

9. TANKS WILL BE SECURED BY DEADMEN ANCHORS SIZED TO PREVENT FLOATOUT EVEN IN THE EVENT OF WORST CASE FULL FLOOD AND EMPTY TANK CONDITIONS.

10. FOLLOW SAFETY PRECAUTIONS DUE TO SAFETY HAZARDS CREATED BY AIR TESTING - FAILURE OF TANKS OR PIPING UNDER AIR PRESSURE OF ANY COMPONENT) FOR MINIMUM OF 4 HRS AND SOAP TEST ALL FITTINGS. IF TESTING PRIMARY AND SECONDARY SIMULTANEOUSLY, MAINTAIN MIN 10PSI DIFFERENCE IN TEST PRESSURES.

1. ALL SUMPS TO BE WATERTIGHT TO PREVENT LEAKS FROM OR WATER INTRUSION INTO SUMP. MEASURES PROPOSED TO PREVENT WATER INTRUSION INCLUDE CROWNING OF CONCRETE TANK PAD AROUND SUMPS, MANHOLES AND SUMPS WITH INTERSTITIAL SPACES AND THE SUMPS.

2. TANK TO BE BACKFILLED TO GRADE WITH TANK MFGR RECOMMENDED BACKFILL MATERIAL AND COVERED WITH 8" REINFORCED CONCRETE MAT

3. ALL METAL RISERS AND BURIED PORTIONS OF VENT RISERS TO BE SCHEDULE 40 AND COATED TO PROTECT FROM CORROSION.

4. INSTALLATION OF ALL PIPING TO BE PER E.P.A. REGULATIONS, ALL PIPING AND FITTINGS TO BE PROPERLY BALLASTED AND PROTECTED DURING ALL WORK.

5. PRODUCT PIPING TO BE FRANKLIN FUELING APT XP-175-SC, VENT/VAPOR PIPING TO BE NOV 3000 SW FG. ALL PIPING WILL BE WASHED AND FREE FLOWING AND CONTAINING NO MORE THAN 5% (VOL) FINES PASSING THROUGH A #8 SIEVE IS FOR SOUNDNESS AND QUALITY.

6. AFTER ALL NEW PIPING IS INSTALLED, BUT PRIOR TO BACKFILLING, THE PRIMARY AND SECONDARY LINES ARE TO BE DISCONNECTED FROM THE TANKS AND DISPENSERS, FLEX CONNECTORS INCLUDED, AND PLUGGED OR CAPPED. THE LIQUID AND FILLER MATERIAL WILL BE LEFT IN THE TANKS AND TANKS WILL BE PRESSURIZED TO MAX 50 PSIG AND SOAP TEST ALL FITTINGS.

7. TEST ALL VENT PIPING PRIOR TO BACKFILL IN ACCORDANCE WITH PIPING MFGR'S INSTALLATION INSTRUCTIONS. SEPARATE PRIMARY AND SECONDARY LINES WILL BE TESTED INDIVIDUALLY.

8. ONCE THE SECONDARY LINE IS TESTED, TEST FITTINGS WILL BE LOOSENED AND MOVED BACK TO ALLOW COMMUNICATION BETWEEN THE INTERSTITIAL SPACES AND THE SUMPS.

9. TANKS WILL BE SECURED BY DEADMEN ANCHORS SIZED TO PREVENT FLOATOUT EVEN IN THE EVENT OF WORST CASE FULL FLOOD AND EMPTY TANK CONDITIONS.

10. FOLLOW SAFETY PRECAUTIONS DUE TO SAFETY HAZARDS CREATED BY AIR TESTING - FAILURE OF TANKS OR PIPING UNDER AIR PRESSURE OF ANY COMPONENT) FOR MINIMUM OF 4 HRS AND SOAP TEST ALL FITTINGS. IF TESTING PRIMARY AND SECONDARY SIMULTANEOUSLY, MAINTAIN MIN 10PSI DIFFERENCE IN TEST PRESSURES.

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ISLAND END ELEVATION

ISLAND SIDE ELEVATION - WEST ISLAND

ISLAND SIDE ELEVATION - MIDDLE AND EAST ISLANDS

BYFIELD FIRE DEPT REQUIREMENT

PRE-ENGINEERED DESIGN MANUFACTURER'S DRAWING SHEET 3 OF 3

GENERAL NOTES

1. REFER TO THE MOST CURRENT CODE OF FIRE SERVICE OF MASS DEPT OF FIRE SERVICES DIVISION OF FIRE SAFETY AND THE SELF-SERVICE MOTOR FUEL FACILITY GUIDELINES, AND THE QUANCIENTLY APPROVED GUIDELINES FOR FIRE SUPPRESSION SYSTEMS AS PROVIDED BY THE UF-LAB LISTED SYSTEM MANUFACTURER. THE INSTALLING CONTRACTOR SHALL ALSO REFER TO THE CONSTRUCTION PERMIT AND ATTACHMENTS, IF APPLICABLE, TO COMPLETE THE FIRE SUPPRESSION SYSTEM INSTALLATION.

2. THE SELF-SERVICE MOTOR FUEL FACILITY GUIDELINES MUST BE CONSULTED AND REFERENCED AS THE BASIS FOR THE INSTALLATION, TESTING, AND MAINTENANCE REQUIREMENTS OF THE FIRE SUPPRESSION SYSTEM. THE INSTALLING CONTRACTOR MAY ALSO REFER TO THE CONSTRUCTION PERMIT AND ATTACHMENTS, IF APPLICABLE, TO COMPLETE THE FIRE SUPPRESSION SYSTEM INSTALLATION.

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NOT TO SCALE

NOZZLE AIM POINTS

NOZZLE LOCATION

THE POSITIVE LIMITING BARRIER TO BE 5 CONTINUOUS SQUARE OR "V" GROOVES 3/4" WIDE BY 3/4" DEEP, 4-3/4" ON CENTER W/ CROSS INTERCONNECTING GROOVES SPACED AT 12" MIN TO 48" MAX ON CENTER. THE OUTSIDE GROOVE TO BE AT LIMITS OF HAZARD PROTECTION AREA AND THE POTENTIAL SPILL AREA TO BE WITHIN THIS PROTECTED AREA.

SELF-SERVICE SIGN

SELF SERVICE ISLAND

12"x16" WARNING SIGN SHALL BE CONSPICUOUSLY POSTED ON BOTH ENDS OF THE DISPENSER. LETTERING SIZE AND LOCATION SHALL BE AS SHOWN ABOVE.

IT IS UNLAWFUL AND DANGEROUS TO DISPENSE GASOLINE INTO UNAPPROVED CONTAINERS. NO FILLING OF PORTABLE CONTAINERS IN OR ON A MOTOR VEHICLE OR TRAILER. PLACE CONTAINER ON GROUND BEFORE FILLING.

BY ORDER OF THE STATE FIRE MARSHAL

NO SMOKING - STOP MOTOR WARNING

PROTECTED AREA - (3 EA) SYSTEMS EACH PROTECTING 24' x 48.5' NUMBER OF 75# CYLINDERS - 3ea x 4 per sys = TOTAL OF 12ea 75# CYLINDERS
NUMBER OF 35# CYLINDERS - 3ea x 1 per sys = TOTAL OF 3ea 35# CYLINDERS
NUMBER OF FIRE SUPP NOZZLES - 8ea x 12(75#) + 4ea x 3(35#) = 108ea TOTAL NOZZLES
NUMBER OF HI TEMP HEAT DETECTORS - 3ea x 3 per sys = 9ea TOTAL HEAT DETECTORS

LEGEND

FIRE SUPPRESSION
SELF SERVICE
DRY CHEMICAL CYLINDER
OH FSS PIPING - SCHED 40 (DIST & SUPPLY) U/L LISTED SYSTEM NOZZLE 225 (MAX) DEGREE AUTO THERMOSTAT
PLB - POSITIVE LIMITING BARRIER
CONTROL CONSOLE EQUIPMENT
SELF-SERVICE ATTENDANT LOCATION
DISPENSER EMGCY SHUTDOWN SWITCH
MANUAL SYSTEM RELEASE SWITCH
CCTV CAMERA (AT EA DISPENSER)
INTERCOM SPEAKER (AT EA DISPENSER)
MA FIRE MARSHAL APPROVED SIGNAGE
SAFETY BUMPER OR BOLLARD
HAND OPERATED 40BC HI FLOW EXTINGUISHER
GLASS DOOR OR WINDOW FOR SIGHT LINED
DRIVEWAY
FUEL TRANSPORT AT DROP POSITION
ATTENDANT SIGHT LINES
LIGHTING WITHIN FUELING AREA
COLUMN OR LIGHT POLE
PARKING SPACES
UG MOTOR FUEL STORAGE TANK

NOTE:
- DISPENSING AREA TO BE AS LEVEL AS POSSIBLE
- 4 DISPENSERS & 8 FUELING POSITIONS
- ALL DISPENSERS CONTAIN CREDIT CARD READERS

I, _____________________________, CHIEF OF THE DEPARTMENT OR HIS DESIGNEE, HAVE REVIEWED THE ATTACHED INFORMATION AND HAVE ACKNOWLEDGEMENT THEREOF:

CITY/TOWN ____________________________________     DATE _________________________
Top view illustrating the removal of either one
Rainstore3 structure column for a 9" access or four
columns for up to a 16" maintenance port

OUTLET

INLET

INFLTRATION SYSTEM (TYP)
GENERAL NOTES

1. ALL INTERIOR DIMENSIONS TO FACE OF FINISH (EXCEPT WHERE NOTED OTHERWISE).

2. ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED.

3. PROVIDE SOLID WOOD BLOCKING BEHIND ALL WALL MOUNT FIXTURES.

4. PROVIDE TILE BACKER BOARD BEHIND ALL TILED WALL SURFACES.

5. REFER TO DOOR AND FINISH SCHEDULE.

6. TRADE CONTRACTORS SHALL SUBMIT SHOP DRAWINGS AND/OR EQUIPMENT CUT SHEETS AND SPECS PRIOR TO PROCEEDING WITH PURCHASE OF MATERIALS OR FABRICATION.

7. MECHANICAL SHELVING NOT ATTACHED AND MOVABLE, LAYOUT WILL VARY FROM TIME TO TIME.

8. ALL FINISHES SUBJECT TO APPROVAL AND REQUIREMENTS OF THE HEALTH DEPARTMENT.

9. TENANT AREA LAYOUT CONCEPTUAL AND SUBJECT TO CHANGE PER TENANT SPECIFICATIONS.

10. TENANT AREA TO BE FINISHED BY AND PER TENANT SPECIFICATIONS AND COLORS.

FLOOR PLAN

FINISH SCHEDULE

<table>
<thead>
<tr>
<th>ROOM</th>
<th>MATERIAL</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAIN SALES AREA</td>
<td>CERAMIC TILE</td>
<td>2x2 SUSPENDED CEILING</td>
</tr>
<tr>
<td>RESTROOMS</td>
<td>CERAMIC TILE</td>
<td>PAINTED GYPSUM</td>
</tr>
<tr>
<td>MECHANICAL/STORAGE</td>
<td>CERAMIC TILE</td>
<td>EXPOSED STEEL FRAMING</td>
</tr>
<tr>
<td>WALK-IN COOLER</td>
<td>VINYL COVE</td>
<td>MFGR INSULATED WALLMFGR INSULATED PANEL</td>
</tr>
<tr>
<td>OFFICE</td>
<td>MFGR INSULATED WALL</td>
<td>MFGR INSULATED FLOOR</td>
</tr>
<tr>
<td>FOOD PREP AREA</td>
<td>VINYL COVE</td>
<td>MFGR INSULATED WALLMFGR INSULATED PANEL</td>
</tr>
<tr>
<td>SLAT DISPLAY WALL</td>
<td>CERAMIC TILE</td>
<td>CERAMIC TILE</td>
</tr>
</tbody>
</table>

DOOR SCHEDULE

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<thead>
<tr>
<th>ROOM</th>
<th>DOOR MATERIAL</th>
<th>FRAME MATERIAL</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAIN SALES AREA</td>
<td>ALUM/GLASS</td>
<td>ALUMINUM</td>
<td>7'-0&quot;</td>
</tr>
<tr>
<td>RESTROOMS</td>
<td>SOLID WOOD</td>
<td>STEEL</td>
<td>7'-0&quot;</td>
</tr>
<tr>
<td>MECHANICAL/STORAGE</td>
<td>STEEL</td>
<td>HOLLOW METAL</td>
<td>6'-6&quot;</td>
</tr>
<tr>
<td>WALK-IN COOLER</td>
<td>STEEL</td>
<td>HOLLOW METAL</td>
<td>6'-8&quot;</td>
</tr>
<tr>
<td>OFFICE</td>
<td>STEEL</td>
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<td>FOOD PREP AREA</td>
<td>STEEL</td>
<td>HOLLOW METAL</td>
<td>6'-6&quot;</td>
</tr>
</tbody>
</table>

NOTES

- EMERGENCY ALARM EXIT ONLY, BLANK HARDWARE ON EXTERIOR
- POCKET DOOR
- INTERIOR DOOR, WITH LOCKSET AND ADA HARDWARE
- SLAT DISPLAY WALL BEHIND COUNTER

PLAN REVISIONS 23 SEPT 2020

1. CHANGED LOCATIONS OF WATER AND ELECTRIC METERS
2. OVERHANG CHANGED FROM FLAT ROOF FASCIA STYLE
3. ADDED BIKE RACK AND AIR TOWER ON SIDEWALK
4. ADDED SIDE WALK AND AIR TOWER ON SIDEWALK

BYFIELD, MA 23 CENTRAL STREET

A1.0
GENERAL NOTES

1. PROPOSED BUILDING IS A SINGLE STORY SLAB ON GRADE MASONRY AND WOOD FRAME BUILDING.

2. SIGNAGE SHOWN ON THIS SHEET AND SG-1 SIGN AND GRAPHICS SHEET ARE PROPOSED, IT IS INTENDED TO PERMIT SIGNAGE SEPARATELY AS ALLOWED BY RIGHT. PETITIONER IS NOT SEEKING VARIANCE OR WAIVER FOR SIGNAGE AS PART OF SITE PLAN OR SPECIAL PERMIT APPROVAL.

3. ALL DIMENSIONS TO FACE OF FINISH EXCEPT WHERE NOTED AS OTHERWISE.

4. CONFIRM MOUNTING HEIGHT OF TRANSACTION DRAWER AND ATM FOR PROPER ADA ACCESSIBILITY.

5. LOCATION OF KNOX BOX AND EXTERNAL FIRE ALARM/STROBE SUBJECT TO FINAL LOCATION APPROVAL BY FIRE DEPARTMENT.

6. TRADE CONTRACTORS INCLUDING STOREFRONT FABRICATOR SHALL SUBMIT SHOP DRAWINGS AND/OR EQUIPMENT CUT SHEETS AND SPECS PRIOR TO PROCEEDING WITH PURCHASE OF MATERIALS OR FABRICATION.

7. ALUMINUM STOREFRONT - PRE-FINISHED BLUE ALUMINUM FRAMES (SEE A.L. PRIME SPECIFICATION) WITH ONE INCH INSULATED GLASS, TEMPERED AS REQ'D BY CODE. BOTTOM PANELS AT COUNTER TO BE OPAQUE OR SOLID INSULATED PANEL.

8. SIZE, SHAPE, AND COLORS OF DRIVE-THRU BUILDING BUMP-OUT TO BE ADJUSTED PER TENANT CORPORATE IMAGE AND COLORS.

9. TENANT DRIVE-THRU WINDOW AWNING STYLE, HEIGHT, SIZE AND COLOR ARE CONCEPTUAL ONLY AND TO BE ADJUSTED PER TENANT SPECIFICATIONS.
GENERAL NOTES

1. DO NOT REFER TO THIS PLAN FOR CONSTRUCTION LAYOUT OR PURPOSES. THIS PLAN IS ONLY FOR
   BOARD REVIEW AND APPROVAL AND DOES NOT CONTAIN ADEQUATE INFORMATION FOR
   CONSTRUCTION.
2. REFER TO CANOPY MANUFACTURER STAMPED STRUCTURAL DRAWINGS, INCLUDING FOOTING
   DETAILS FOR ALL COLUMN AND FOOTING LAYOUT.
3. REFER TO LOCAL AND STATE FIRE APPROVED FIRE SUPPRESSION SYSTEM LAYOUT.
4. REFER TO TK-1 TANK AND PIPING PLAN FOR ISLAND AND DISPENSER SUMP LAYOUT.
5. REFER TO BUILDING DEPARTMENT APPROVED SIGN PLAN FOR LAYOUT OF ANY APPROVED
   SIGNS. SIGNAGE SHOWN IS PROPOSED AND WILL BE APPROVED SEPARATELY AS ALLOWED BY
   CODE.
6. REFER TO LIGHTING PLAN AND OWNER SPECIFICATIONS REGARDING NUMBER AND LOCATION OF
   LIGHTING FIXTURES TO BE INSTALLED INTO CANOPY DECK.
TOTAL PROPOSED BUILDING WALL SIGNAGE: 40.33 SF

TOTAL PROPOSED FREESTANDING SIGNAGE: 36.00 SF

TOTAL PROPOSED CANOPY WALL SIGNAGE: 46.35 SF

TOTAL CANOPY FRONT LENGTH: 94 LF (Allowed Signage Calc - 1 SF / 2 LF * (94 LF) = 47.0 SF)

IT IS INTENDED AND BELIEVED THAT PROPOSED SIGNAGE IS AS ALLOWED BY RIGHT AND MAY BE REVISED OR RECONFIGURED AFTER SITE PLAN APPROVAL PROVIDED CHANGES ALSO MEET ZONING BYLAW AND ARE ALLOWED BY RIGHT. IN THE FUTURE, SHOULD ANY NON-CONFORMING SIGNAGE BE DESIRED, APPROVAL WILL BE OBTAINED SEPARATELY VIA APPLICABLE ZBA PROCEDURE.