

PROPOSED GASOLINE FILLING STATION, CONVENIENCE STORE & COFFEE SHOP AT 48-52 NEW DRIFTWAY, SCITUATE MA



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GENERAL NOTES

1. ALL LANDSCAPING SHOWN ON PLANS SHALL CONFORM TO THE TOWN OF PLYMOUTH ZONING REGULATIONS.
2. ALL SITE LIGHTING SHOWN ON PLANS SHALL BE DIRECTED ONTO SITE AND CONFORM TO THE APPLICABLE TOWN OF PLYMOUTH ZONING REGULATIONS.
3. SITE IMPROVEMENTS DEPICTED ON THESE PLANS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT WITH REGARD TO DIMENSIONS AND GRADE AND NUMBER OF SPACES.
4. THE LOCATION OF EXISTING UNDERGROUND UTILITIES (ELECTRIC, GAS, TELEPHONE, WATER AND SEWER) SHOWN ON THESE DRAWINGS IS APPROXIMATE. THE EXISTING UTILITIES LOCATIONS SHOWN ON THESE DRAWINGS ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY DATA. THE CONTRACTOR SHALL MAKE THE REQUIRED 72 HOUR NOTIFICATION TO DIG SAFE (1-888-344-7233) AND ANY OTHER UTILITIES WHICH MAY HAVE CABLE, PIPE OR EQUIPMENT IN THE CONSTRUCTION AREA FOR VERIFICATION OF LOCATIONS.
5. THE LOCATION OF EXISTING UTILITIES, GRADING AND PROPERTY LINE INFORMATION ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY DATA. THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF PLYMOUTH ZONING REGULATIONS, 2290 STATE ROAD, PREPARED FOR CHOUBAH ENGINEERING GROUP, 112 STATE ROAD, NORTH DARTMOUTH, MA, BY BORDERLAND ENGINEERING, INC., 61B PLEASANT STREET, RANDOLPH, MA 02368, DATED JULY 15, 2019, SCALE 1"=20'.
6. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE OF MASSACHUSETTS AND THE TOWN OF PLYMOUTH PRIOR TO COMMENCING ANY WORK.
7. THE LOCATION OF EXISTING UNDERGROUND UTILITIES (ELECTRIC, GAS, TELEPHONE, WATER AND SEWER) SHOWN ON THIS PLAN IS APPROXIMATE AND WERE OBTAINED FROM VARIOUS SOURCES OF INFORMATION.
8. PRIOR TO ANY EXCAVATION ON THIS SITE, THE EXCAVATING CONTRACTOR SHALL MAKE THE REQUIRED 72 HOUR NOTIFICATION TO DIG SAFE (1-888-344-7233) AND ANY OTHER UTILITIES WHICH MAY HAVE CABLE, PIPE OR EQUIPMENT IN THE CONSTRUCTION AREA FOR VERIFICATION OF LOCATIONS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE CONSTRUCTION DRAWING AND TO NOTIFY THE ENGINEER WITH ANY DISCREPANCY BETWEEN THE PROPOSED WORK SHOWN ON THESE PLANS AND THE REQUIREMENTS OF LOCAL AND STATE CODES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY AND JOB SAFETY ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL PERMITS REQUIRED BY THE LOCAL MUNICIPALITY CONSTRUCTION STANDARDS.

11. ALL SIGNAGE SHALL CONFORM TO APPLICABLE TOWN OF PLYMOUTH ZONING REGULATIONS WITH ALL PERMITS SECURED PRIOR TO INSTALLATION.
12. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, SUPERVISION, TOOLS, EQUIPMENT, FUEL, POWER, SANITARY FACILITIES AND INCIDENTALS NECESSARY FOR THE FURNISHING, PERFORMANCE TESTING, START-UP AND COMPLETION OF THIS WORK.
13. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ANY UNSUITABLE OR SURPLUS MATERIALS PROPERLY OF SITE IN ACCORDANCE WITH LOCAL AND STATE ENVIRONMENTAL CODES.
14. ALL EXISTING UTILITIES WATER, GAS, DRAINS, & ELECTRIC SHALL BE PROPERLY PROTECTED AND MAINTAINED DURING THE CONSTRUCTION PERIOD. ANY DEVIATION FROM THE CONTENT OF THESE PLANS WITHOUT WRITTEN CONSENT OF THIS ENGINEER WOULD MAKE IT NULL AND VOID.
15. PROPOSED BUILDING IS A SLAB ON GRADE WITH NO BASEMENT.
16. IN CASE OF A CONFLICT BETWEEN THE PROPOSED WORK SHOWN ON THIS PLAN AND THE APPLICABLE LOCAL AND STATE CODES, THE APPLICABLE CODES SHALL GOVERN.
17. THE CONTRACTOR SHALL SHORE, BRACE, SHEET PILE OR OTHERWISE SUPPORT THE EXISTING UTILITIES AND STREETS NEXT TO THE PROPOSED WORK.
18. ALL CONSTRUCTION MATERIAL COMPONENTS, AND METHODS EMPLOYED ON THIS PROJECT WORK SHALL CONFORM TO THE TOWN OF PLYMOUTH OR THE MASS DOT FOR BRIDGES AND HIGHWAYS AS AMENDED TO PRESENT.
19. DESIGN LOADING FOR ALL PRE-CAST UNITS TO BE ASHTO-H20 UNLESS OTHERWISE NOTED.
20. RESTORE ALL DISTURBED AREAS BEYOND PROJECT LIMITS AND 6" LOAM AND SEED ALL AREAS NOT PAVED.
21. COORDINATE UTILITY INSTALLATION WITH APPROPRIATE VENDORS.
22. ALL OUTSIDE MECHANICAL APURTANCES TO BE PLACED ON CONCRETE UTILITY PANS AND SCREENED WITH FINISH TO MATCH BUILDING.
23. ROOF DRAIN TIE-INS AND DRAIN LINES SHALL BE INSPECTED PRIOR TO BACKFILLING AND PAVING.
24. 6" LOAM AND SEED ALL DISTURBED AREAS NOT PAVED.
25. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE OF MASSACHUSETTS AND THE TOWN OF PLYMOUTH PRIOR TO COMMENCING ANY WORK.

DRAFT

SITE PLAN REVIEW SET

Prepared For:
PETRO REALTY, CORP
 4 NORTH STREET
 HINGHAM, MA 02043

PREPARED BY:

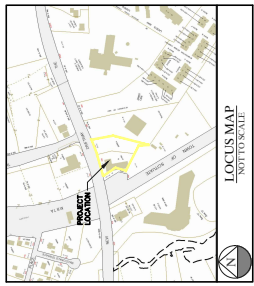


112 STATE ROAD, NORTH DARTMOUTH, MA 02747
 TEL: (508) 858-5040 FAX: (508) 858-5041 www.choubahgroup.com
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No.	Date	Description

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 GRADING & DRAINAGE PLAN



SEQUENCE OF CONSTRUCTION & SOIL EXCAVATION MANAGEMENT PROCEDURES.

1. METALL SKOD SALES AND SILL FENCE BEHIND EXISTING STORM DRAIN STRUCTURES AND WITHIN THE LIMIT OF CONSTRUCTION AS SHOWN ON DEMOLITION AND SITE PLANS.
2. EXCAVATE FOR NEW BUILDING FOUNDATION, PUMPS, AND MANHOLES. THE EXCAVATION SHALL BE UNDERTAKEN BY A LICENSED SITE PROFESSIONAL (LSP) AND AN IR-DESIGNATED QUALIFIED REPRESENTATIVE.
3. ANY VISUALLY CONTAMINATED SOIL SHOULD BE REMOVED FROM EXCAVATION AND TRANSPORTED TO AN APPROVED LOCATION.
4. EXCAVATED SOILS SHALL BE MANAGED IN ACCORDANCE WITH ALL OF THE APPLICABLE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION RULES AND REGULATIONS.
5. ALL OFF-SITE SHIPMENT OF CONTAMINATED SOILS SHALL BE ACCOMPANIED BY A BILL OF LADING.
6. ANY STOCKPILED SOILS SHALL BE PLACED ON POLY AND COVERED WITHIN 72 HOURS OF EXCAVATION. STOCKPILES UNTIL PROPER DISPOSAL CAN OCCUR.

CITY NOTES:

1. CONTRACTOR TO LOCATE ALL EXISTING UTILITY SERVICES ON LOT PRIOR TO CONSTRUCTION.
2. RECONNECTION OF EXISTING UTILITIES TO NEW BUILDING ARE SUBJECT TO THE INSPECTION & APPROVAL BY TOWN OF FLYMOUTH OFFICIALS.
3. CONTRACTOR TO RESOLVE ANY EXISTING UTILITIES IN CONFLICT WITH NEW BUILDING LOCATION IN COMPLIANCE WITH APPLICABLE REQUIREMENTS BY LOCAL DEPARTMENTS HAVING JURISDICTION OVER PROPOSED WORK.
4. THIS ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND LOCATION OF UNDERGROUND EXISTING UTILITIES ON SITE.

DRAINAGE & MAINTENANCE SCHEDULE

ONCE ACCEPTED AS-BUILT, THE OWNER SHALL PERFORM ROUTINE MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM. THE OWNER SHALL COORDINATE/SCHEDULE STORMCEPTOR TO BE CLEANED IN COMPLIANCE WITH ALL STATE, FEDERAL, GUIDELINES AND REGULATIONS.

PARKING LOT MAINTENANCE IN THE FORM OF SWEEPING WITH HIGH EFFICIENCY VACUUM SWEEPER SHALL BE CONDUCTED ON A MONTHLY BASIS WITH SWEEPING SCHEDULED PRIMARILY IN SPRING AND FALL. MAINTENANCE SHALL BE CONDUCTED AT LEAST TWICE PER YEAR. SWEEPING SHALL BE CONDUCTED AS WEATHER PERMITS; ACCUMULATED SEDIMENTS SHOULD BE SHIELT AND REMOVED ON AN AS NEEDED BASIS DURING THE MONTHS OF JANUARY THROUGH MARCH.

STORMCEPTOR WILL BE INSPECTED IN ACCORDANCE WITH THE MANUFACTURER REQUIREMENTS BUT NO LESS THAN TWICE A YEAR FOLLOWING INSTALLATION, AND NO LESS THAN ONCE A YEAR THEREAFTER.

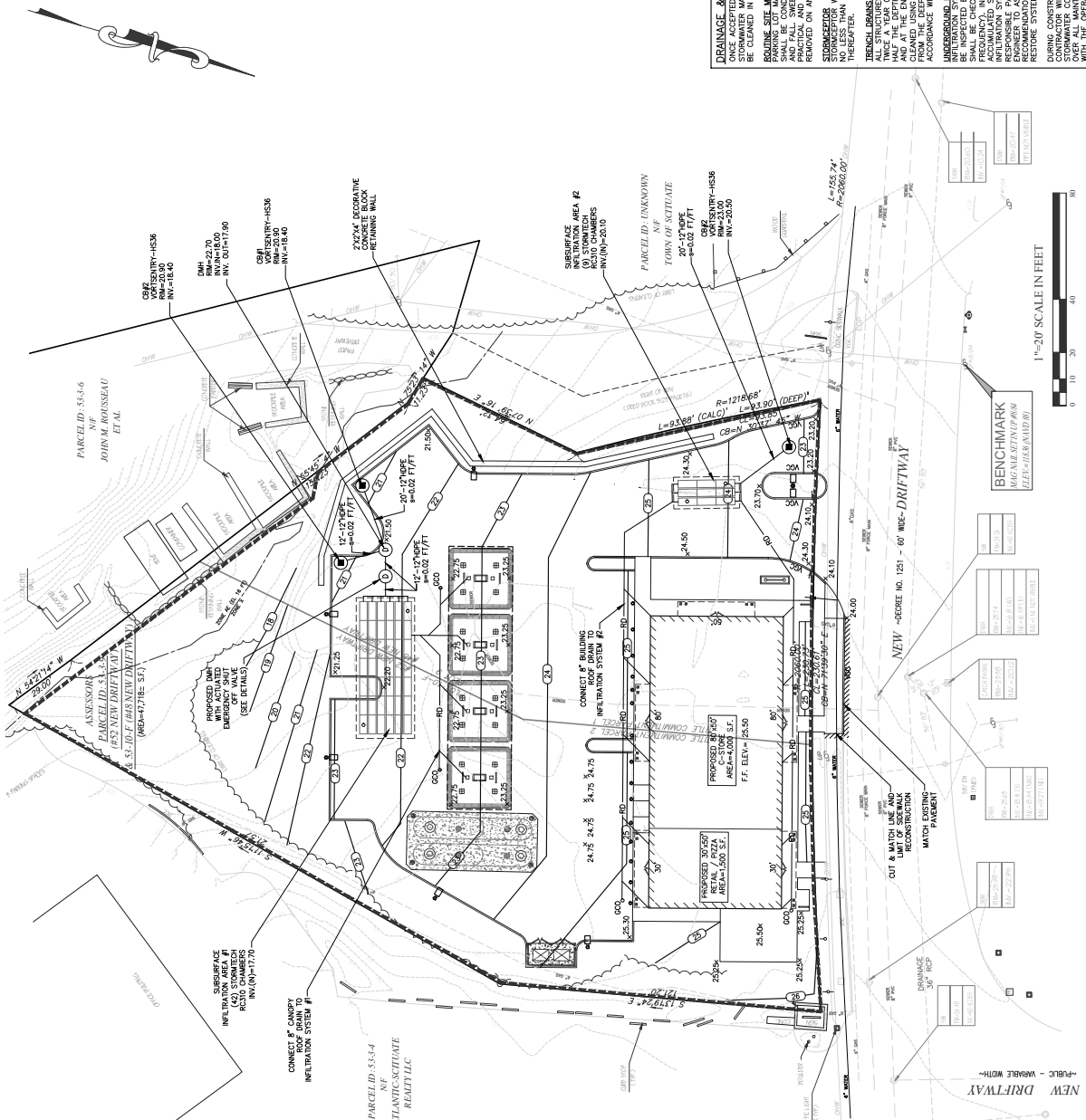
UNDERGROUND INSULATION SYSTEMS MAINTENANCE

UNDERGROUND INSULATION SYSTEMS SHALL BE INSPECTED EVERY SIX MONTHS FOR THE FIRST YEAR OF INSTALLATION. INSULATION UNITS SHALL BE CHECKED AFTER EVERY MAJOR STORM EVEN (2 YEAR RETURN PERIOD) STORMS. INSULATION UNITS SHALL BE CHECKED AT THE END OF THE FORAGE AND SNOW REMOVAL SEASONS. ALL STRUCTURES WILL BE CHECKED FOR LEAKS AND DAMAGED AREAS SHALL BE REPAIRED. ALL DAMAGED AREAS SHALL BE REPAIRED IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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DURING CONSTRUCTION OF THE FACILITY AND THE STORMWATER MANAGEMENT SYSTEM THE CONTRACTOR WILL BE RESPONSIBLE FOR ASSESSING TO ANY OPERATIONS AND MAINTENANCE OF ALL UNDERGROUND INSULATION SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE REQUIREMENTS FOR THE STORMWATER CONTROL SYSTEM IN COMPLIANCE WITH THE OPERATION AND MAINTENANCE PLAN.

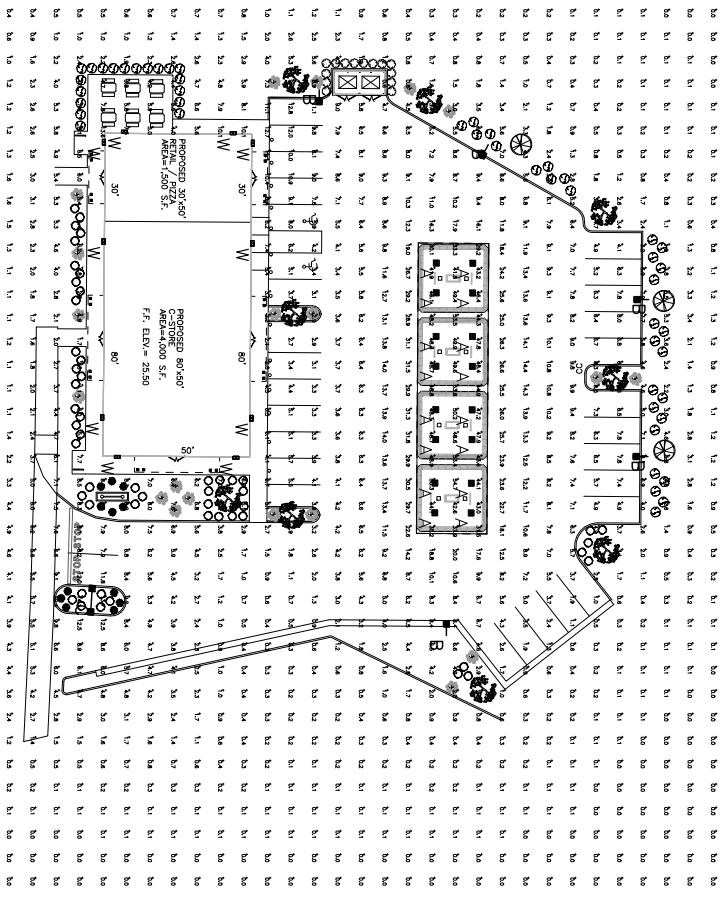


Project:
**PROPOSED GASOLINE
 FILLING STATION
 CONVENIENCE STORE
 & COFFEE SHOP AT
 48 & 52 NEW DRIFTWAY
 SCDULUTE, MA**

Prepared for:
**PETRO REALTY CORP.
 4 NORTH STREET
 HINGHAM, MA 02043**

DRAFT

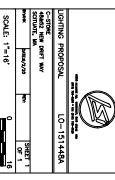
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Based on the manufacturer's photometric data, the lighting fixture arrangement shown on this lighting plan is expected to provide uniform illumination of the building and site. The lighting plan is based on the manufacturer's photometric data and is not a guarantee of performance. The manufacturer's photometric data may vary due to manufacturing tolerances, installation, and other factors. The lighting plan is based on the manufacturer's photometric data and is not a guarantee of performance. The manufacturer's photometric data may vary due to manufacturing tolerances, installation, and other factors. The lighting plan is based on the manufacturer's photometric data and is not a guarantee of performance. The manufacturer's photometric data may vary due to manufacturing tolerances, installation, and other factors.

Symbol	Qty	Label	Arrangement	Description	Fixture Type	Units	Avg	Max	Min	Avg/Min	Max/Min
□	0		SINGLE	SCV-L12-1L-05-05-12' MH	SCV-L12-1L-05-05-12' MH	547	547	1000	0.0	1.66	14.62
□	5	B	SINGLE	SLM-L12-1L-05-05-12' MH	SLM-L12-1L-05-05-12' MH	4533	4533	1000	0.0	1.66	14.62
□	1	C	DT100'	SLM-L12-1L-05-05-12' MH	SLM-L12-1L-05-05-12' MH	187	187	1000	0.0	1.66	14.62
□	10	#	SINGLE	XMM-F1-L12-05-05-12' MH	XMM-F1-L12-05-05-12' MH	524	524	1000	0.0	1.66	14.62

Category	Summation	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL FIXTURES @ 3000K	547	FC	547	547	0.0	1.66	14.62
OUTDOOR	4533	luminaire	4533	4533	0.0	1.66	14.62
INDOOR	187	luminaire	187	187	0.0	1.66	14.62



Chobubh Engineering Group, P.C.
CEG
 Consulting Professional Engineers
 115 STATE ROAD 104 RT#16
 N. DARTMOUTH, MA 02727
 TEL: 508.633.5500 FAX: 508.633.5041
 www.chobubhgroup.com

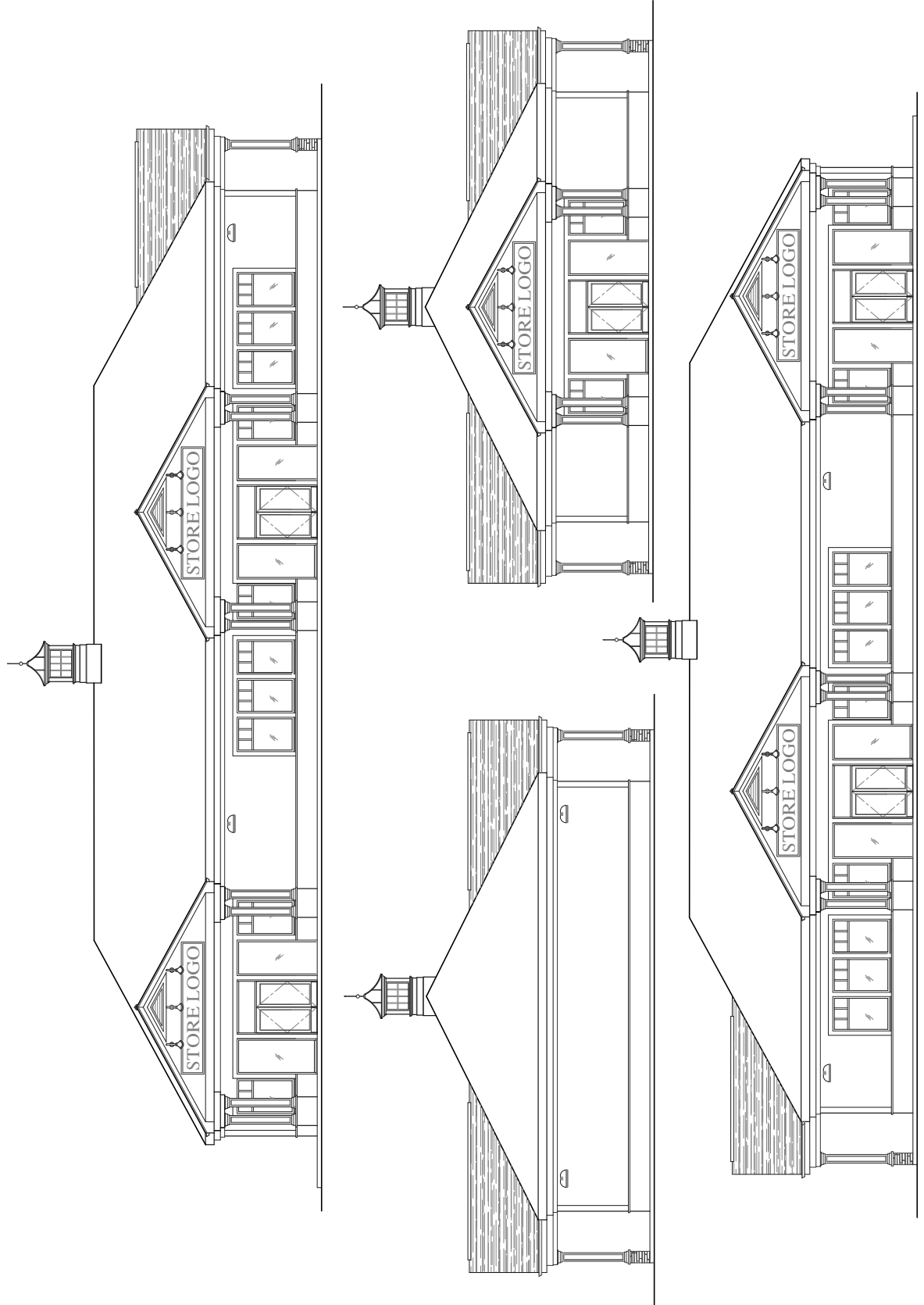
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 PETRO REALTY CORP.
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BUILDING ELEVATIONS



Project:
**PROPOSED GASOLINE
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 CONVENIENCE STORE
 AND RESTAURANT
 48 & 50 NEW BRITAIN
 SCITUATE, MA**

Prepared For:
**PETRO REALTY CORP.
 60 BRIMLEY STREET
 HINGHAM, MA 02043**

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