

LOCUS PLAN SCALE: 1"=1,000'±

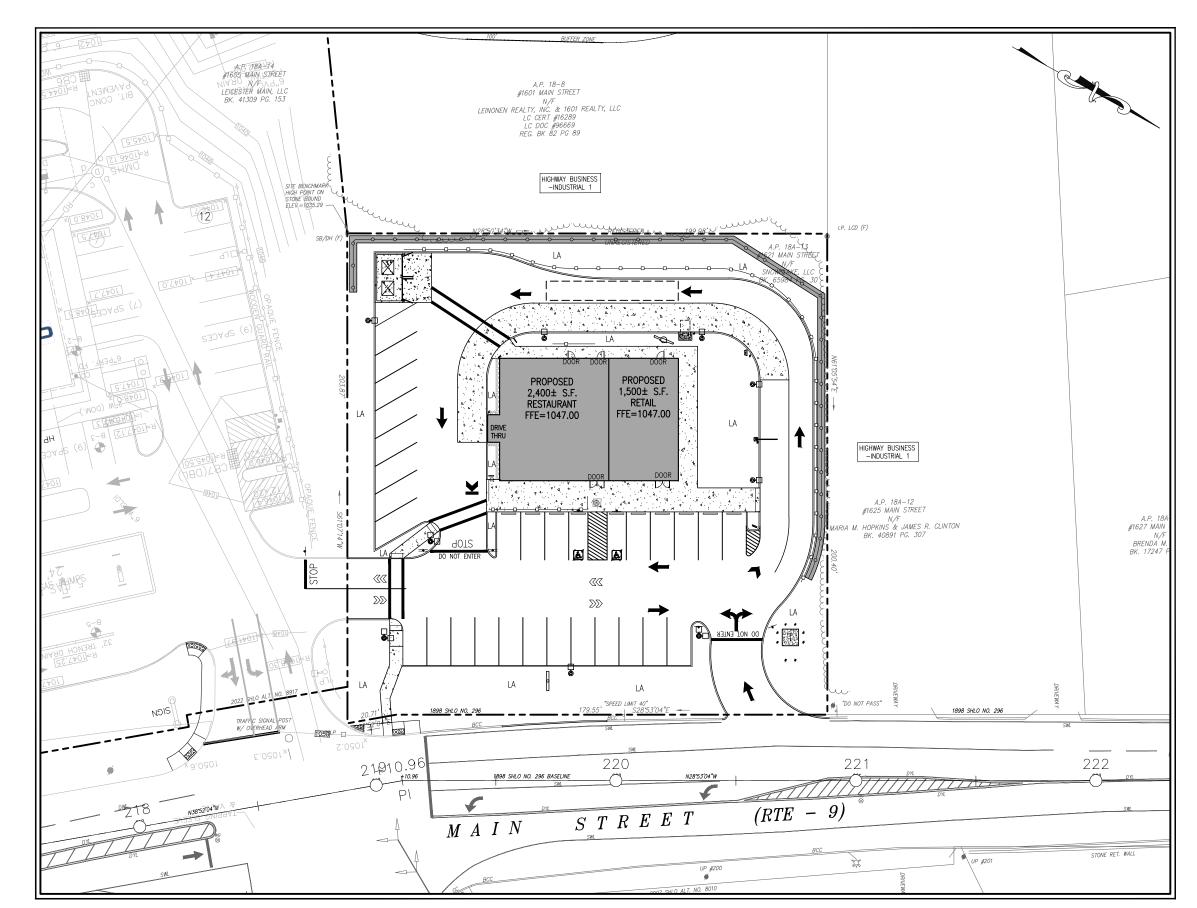
SITE PLAN SET

FOR

PROPOSED RESTAURANT & RETAIL DEVELOPMENT

1621 MAIN STREET (RTE-9) LEICESTER, MA 01524

DATE	DATE REVISED	SHEET NUMBER	SHEET DESCRIPTION
09/08/2023	10/16/2023	1	COVER SHEET
06/01/2023	-	2	EXISTING CONDITIONS PLAN
09/08/2023	10/16/2023	3	DEMOLITION & EROSION CONTROL PLAN
09/08/2023	10/16/2023	4	SITE PLAN
09/08/2023	10/16/2023	5	GRADING & DRAINAGE PLAN
09/08/2023	10/16/2023	6	UTILITY PLAN
09/08/2023	10/16/2023	7	LANDSCAPE PLAN
09/08/2023	10/16/2023	8	FIRE APPARATUS CIRCULATION PLAN
09/08/2023	10/16/2023	9	CONSTRUCTION DETAILS
09/08/2023	10/16/2023	10	CONSTRUCTION DETAILS
09/08/2023	10/16/2023	11	CONSTRUCTION DETAILS
09/08/2023	10/16/2023	12	CONSTRUCTION DETAILS
09/08/2023	10/16/2023	13	CONSTRUCTION DETAILS
08/18/2023	-	RL-9076-SI	PHOTOMETRIC PLAN
08/18/2023	-	RL-9076-S1	LIGHT DETAILS
09/11/2023	-	1R2-4R2	SIGNAGE PLANS
9/11//2023	-	1	FLOOR PLAN
9/11//2023	-	2	EXTERIOR ELEVATIONS
9/11//2023	-	3	EXTERIOR ELEVATIONS



OVERALL LAYOUT PLAN SCALE: 1"=40'

MUNICIPALITY CONTACTS:

<u>DEPARTMENT</u>	<u>CONTACT</u>	PHONE NUMBER	<u>ADDRESS</u>
TOWN ADMINISTRATOR	DAVID GENEREUX	508-892-7077	3 WASHBURN SQUARE, LEICESTER, MA 01524
CODE ENFORCCEMENT	MICHAEL SILVA	508-892-7003	3 WASHBURN SQUARE, LEICESTER, MA 01524
ASSESSOR	LINDA BERISHA	508-892-7001	3 WASHBURN SQUARE, LEICESTER, MA 01524
FIRE CHIEF	MICHAEL WILSON	508-892-7022	3 PAXTON STREET, LEICESTER, MA 01524
PUBLIC WORKS	ROBERT PROVOST	508-892-7021	3 WASHBURN SQUARE, LEICESTER, MA 01524
PLANNING	JOHN CHARBONNEAU	508-892-7007	3 WASHBURN SQUARE, LEICESTER, MA 01524
POLICE	KENNETH ANTANAVICA	508-892-7009	90 SOUTH MAIN STREET, LEICESTER, MA 01524
CITY CLERK	LISA JOHNSON	508-892-7011	3 WASHBURN SQUARE, LEICESTER, MA 01524
BOARD OF HEALTH	FRANCIS DAGLE	508-892-7008	3 WASHBURN SQUARE, LEICESTER, MA 01524

PREPARED BY:

JROUP, LLC

21 HIGH STREET SUITE 207 NORTH ANDOVER, MA 01845 www.cdgengineering.com p: 978-794-5400 f: 978-965-3971 CONTACT: PHILIP HENRY, P.E.

PREPARED FOR:

HY VENTURES LEICESTER, LLC 313 BOSTON POST ROAD WEST MARLBOROUGH, MA 01752

PROPERTY:

1621 MAIN STREET (RTE-9) LEICESTER, MA 01524

ASSESSORS MAP 18A, LOT 13

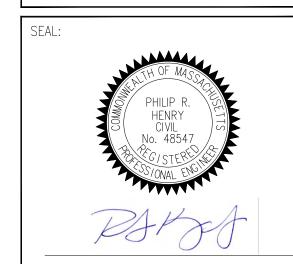
OWNER OF RECORD:

HY VENTURES LEICESTER, LLC 313 BOSTON POST ROAD WEST MARLBOROUGH, MA 01752

(NOT FOR CONSTRUCTION

SSUED TO:

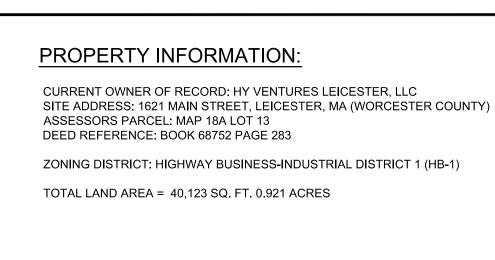
TOWN OF LEICESTER



PHILIP R. HENRY, P.E.

COVER SHEET

CDG PROJECT #:

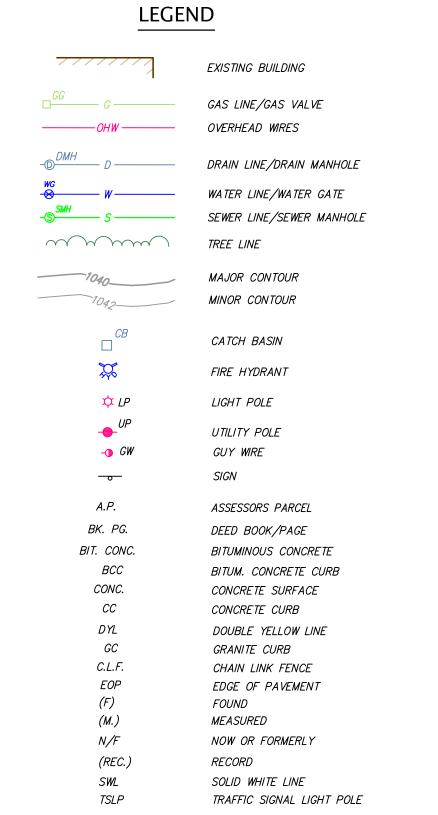


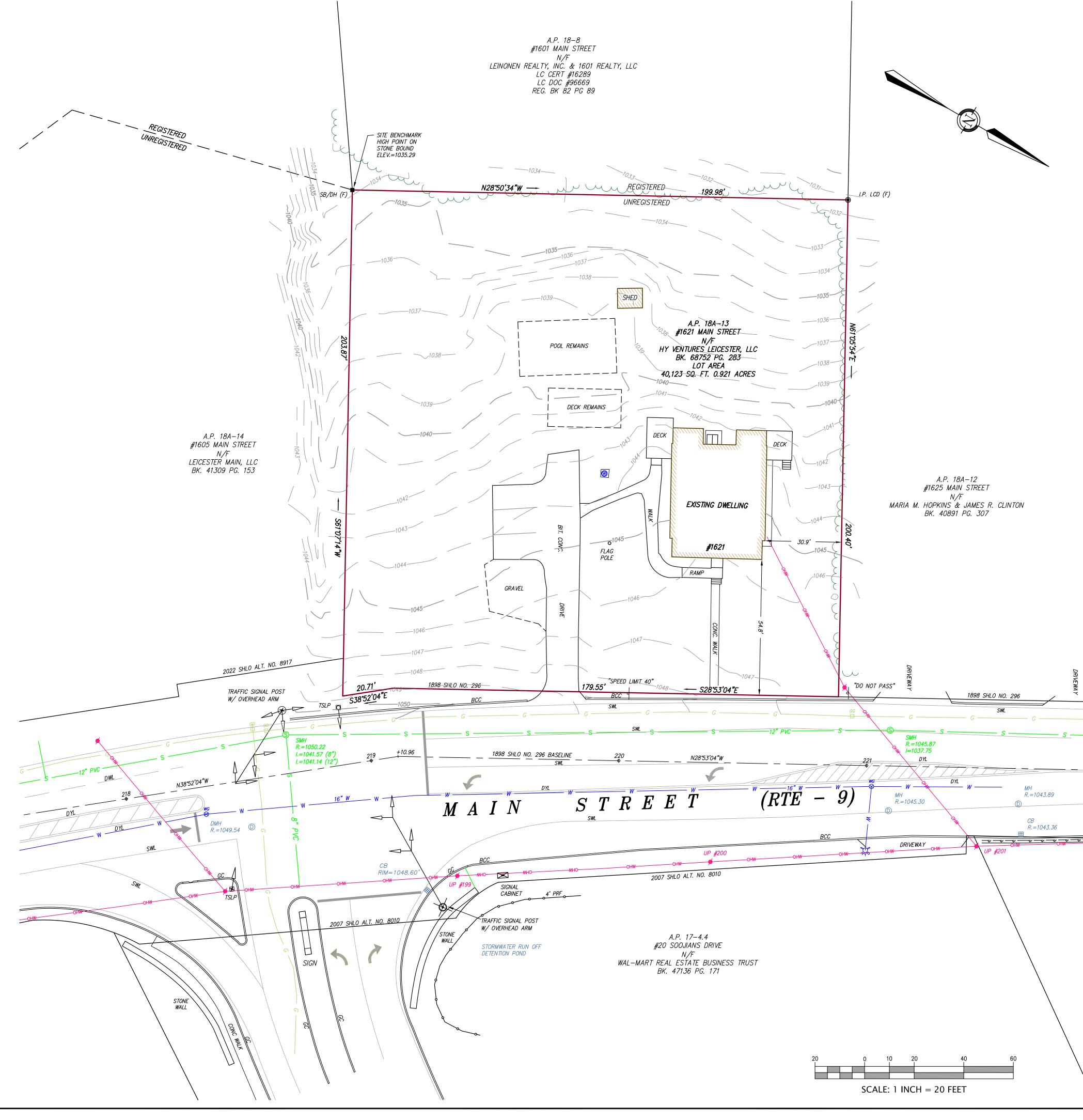
GENERAL NOTES:

THIS PLAN IS THE RESULT OF AN ON-THE-GROUND SURVEY PERFORMED BY ODONE SURVEY & MAPPING ON MAY 10, 2023. SURVEY BY TRIMBLE S6 TOTAL STATION.

- 2. BASIS OF BEARINGS: 1898 SHLO NO. 296
- 3. THE VERTICAL POSITIONS SHOWN ON THIS PLAN ARE BASED ON KEYNET RTK GPS NETWORK AND IS SUBJECT TO FURTHER ADJUSTMENT TO ANY LOCAL NGS BENCHMARKS. THE VERTICAL DATUM IS RELATIVE TO NAVD 1988.
- 4. PROPERTY HAS DIRECT ACCESS TO MAIN STREET, A DESIGNATED PUBLIC WAY.
 THERE ARE NO PROPERTY LINES LOCATED WITHIN THE BOUNDS OF SAID
 STREETS
- 5. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN COMPILED FROM AVAILABLE RECORDS AND THEREFORE, THE RELATIONSHIP BETWEEN ACTUAL FIELD LOCATION AND LOCATION SHOWN HEREON MUST BE CONSIDERED APPROXIMATE. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES AND FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION AS INDICATED ON THIS PLAN. BEFORE CONSTRUCTION CALL "DIG SAFE" 1-888-344-7233
- 6. FLOOD NOTE: BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.MSC.FEMA.GOV, AND BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED IN ZONE X ON FLOOD INSURANCE RATE MAP NUMBER 25027C0780E, WHICH BEARS AN EFFECTIVE DATE OF 07/04/2011 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.

LECEND





REVIS	REVISIONS:		
REV.	DATE	COMMENT	
1	6/1/2023	DRAFT ISSUE	
2			
3			
4			
5			

SURVEYOR'S CERTIFICATION

THIS PLAN AND THE SURVEY ON WHICH IT WAS BASED WAS PREPARED IN ACCORDANCE WITH PROCEDURAL AND TECHNICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE COMMONWEALTH OF MASSACHUSETTS (250 CMR SEC. 6.00).

GLENN D. ODONE JR.
REGISTERED LAND SURVEYOR NO. 45068
COMMONWEALTH OF MASSACHUSETTS



SURVEYED BY:



SURVEYING ~ MAPPING ~ PLANNING & CONSULTING

ODONE SURVEY &

291 Main Street, Suite 5 Northborough, MA 01532

Tel.: 508-351-6022 Fax: 508-351-6633 CONTACT: Glenn D. Odone, P.L.S.

email: glenn.odone@osm-pc com web: www.osm-pc.com

CIVIL ENGINEER:

Civil Design

Group, llc

21 HIGH STREET, SUITE 207 NORTH ANDOVER, MA 01845 www.cdgengineering.com p: 978-794-5400 f: 978-914-6161

PREPARED FOR:

HY VENTURES LEICESTER, LLC

313 BOSTON POST ROAD WEST MARLBOROUGH, MA 01752

OJECT:

PROPOSED RETAIL DEVELOPMENT

1621 MAIN STREET (RT 9) LEICESTER, MA 01524

SHEET:

EXISTING CONDITIONS
PLAN OF LAND

2

DATE: JUNE 1, 2023

REV.:

DWG FILE: 1660-01A
PROJECT NO. 20231660

SITE DEMOLITION & EROSION CONTROL NOTES

- THE LOCATION AND ELEVATION OF EXISTING UTILITIES AND STRUCTURES SHOWN ON THESE PLANS ARE BASED ON MEASUREMENTS TAKEN IN THE FIELD AND DISCOVERED RECORDS FROM VARIOUS UTILITY COMPANIES AND/OR FROM THE MUNICIPALITY. THIS INFORMATION SHALL NOT BE CONSIDERED EXACT AND THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITY LÓCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOTIFY 'DIG SAFE' (811) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXISTING UTILITY MARK OUT LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEÈR IMMEDIATELY IF EXISTING UTILITY LOCATIONS CONFLICT WITH THE PROPOSED DEVELOPMENT PROGRAM SO THAT A REMEDIAL ACTION CAN TAKE PLACE PRIOR TO ANY WORK. THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING ALL EXISTING UTILITIES AS A RESULT OF THE PROPOSED
- P. THIS PROJECT SITE IS CURRENTLY AN ABANDONED SINGLE FAMILY HOME LOT.

ADDITION TO THE ITEMS OUTLINED IN THESE CONSTRUCTION DOCUMENTS.

- EXISTING BASE INFORMATION INCLUDING STRUCTURES, UTILITIES AND TOPOGRAPHY ARE TAKEN FROM PLAN ENTITLED "EXISTING CONDITIONS PLAN OF LAND" PREPARED BY ODONE SURVEY & MAPPING, DATED 06/01/2023.
- H. WATER, SEWER AND GAS SERVICES TO BE CUT & CAPPED AT MAIN AND SERVICE LINES SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE SPECIFIED.
- . THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING ALL CONSTRUCTION RELATED CONDITIONS OUTLINED IN THE APPROVALS IN
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- REFUELING AND ANY WORK ASSOCIATED WITH THE MAINTENANCE OF CONSTRUCTION EQUIPMENT TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE
- REGULATIONS.
- . THE AREAS OF CONSTRUCTION SHALL REMAIN IN A STABLE CONDITION AT THE CLOSE OF EACH CONSTRUCTION DAY. EROSION CONTROLS SHALL BE CHECKED AT THIS TIME AND MAINTAINED OR REINFORCED IF NECESSARY.
-). THE LIMIT OF WORK FOR THIS PROJECT SHALL BE SHOWN ON THE PLANS AS SAWCUT LINES, WATTLE LINES, AND/OR CONSTRUCTION FENCE LINES. EXISTING FEATURES OUTSIDE LIMIT OF WORK LINE ARE TO REMAIN UNLESS OTHERWISE SPECIFIED AND THE ÉXISTING FEATURES WITHIN LIMIT OF WORK LINE SHALL BE REMOVED UNLESS OTHERWISE SPECIFIED.
- 10. THE CONTRACTOR SHALL NOTIFY ALL APPLICABLE MUNICIPAL DEPARTMENTS INCLUDING THE BUILDING DEPARTMENT AT LEAST 48 HOURS PRIOR TO START
- 11. THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. ALL WORK MUST BE INSPECTED BY THE MUNICIPALITY/STATE.
- 12. ALL DISTURBED OFF-SITE AREAS SHALL BE RESTORED TO PRE CONSTRUCTION CONDITION.
- 13. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PER THE DETAIL WHEREVER CONSTRUCTION ACCESS EXISTS. PAVED AREAS SHALL BE KEPT CLEAN AT ALL TIMES. TRACKED MUD OR SEDIMENT SHALL BE REMOVED (VACUUM SWEEPING) PRIOR TO THE NEXT STORM EVENT.
- 14. PEDESTRIAN AND VEHICULAR ACCESS WITHIN ANDOVER STREET AND THE MALL DRIVEWAY SHALL BE KEPT IN GOOD CONDITION AND SHALL BE PASSABLE THROUGHOUT CONSTRUCTION.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS AND UTILITY CONNECTION/DISCONNECTION FEES RELATED TO THE PROJECT. CONTRACTOR SHALL NOTIFY AND COORDINATE ALL UTILITY WORK WITH THE APPLICABLE UTILITY COMPANIES AND/OR LOCAL DEPARTMENTS. ALL PERMITS SHALL BE KEPT WITHIN THE TRAILER AND CLEARLY VISIBLE.
- 16. THE OFFSITE DISPOSAL OF ALL DEMOLISHED MATERIALS SHALL COMPLY WITH THE APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES.
- 7. EXISTING ONSITE BITUMINOUS PAVEMENT SHALL BE STRIPPED, PULVERIZED AND STOCKPILED ONSITE TO BE USED AS RECLAIMED ASPHALT PAVEMENT BORROW/COMMON FILL MATERIAL IF DEEMED SUITABLE BY THE GEOTECHNICAL RECOMMENDATIONS. IF EXISTING PAVEMENT IS NOT SUITABLE FOR REUSE, IT SHALL BE REMOVED OFFSITE IN CONFORMANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
- 18. CONSTRUCTION DUMPSTERS SHALL BE LOCATED ON A STABLE SURFACE AND SHALL BE PROPERLY MAINTAINED AND EMPTIED ON A REGULAR BASIS.
- 19. CONTRACTOR SHALL NOT STOCKPILE OR LOCATE DUMPSTERS WITHIN WETLAND RESOURCE AREA BUFFER ZONES IF PRESENT ON SITE.
- 20. THE CONTRACTOR IS RESPONSIBLE FOR THE GENERAL UPKEEP OF THE SITE DURING THE CONSTRUCTION PROCESS.
- 21. MEANS OF PROTECTING EXISTING MONITORING WELLS, IF APPLICABLE, SHALL BE COORDINATED WITH THE OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO CONSTRUCTION.
- 22. THIS PROJECT IS INTENDED TO BE A SINGLE PHASE PROJECT WITH AN ESTIMATED OPEN AREA OF LESS THAN 1 ACRE.
- 23. PERMANENT BEST MANAGEMENT PRACTICES ARE NOT INTENDED TO USED AS TEMPORARY SEDIMENT BASINS AND UPSTREAM AREAS SHALL NOT CONNECT TO THE PERMANENT BMP'S UNTIL THE SITE IS STABILIZED. HOWEVER, IF A PERMANENT BMP IS UTILIZED DURING CONSTRUCTION FOR UNFORESEEN SITE CONDITIONS, THE BMP(S) SHALL BE CLEANED AND/OR RESTORED PRIOR TO END OF CONSTRUCITON.
- 24. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PER THE PLANS AND IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS. THESE MEASURES SHALL BE FUNCTIONING AT THE START OF THE CONSTRUCTION PRIOR TO ANY EARTH DISTURBANCE INCLUDING DEMOLITION AND SHALL REMAIN IN PLACE UNTIL UPSTREAM SITE WORK IS COMPLETE AND THE GROUND COVER IS STABILIZED. PERMANENT STABILIZATION IS DEFINED AS 90% SEEDED
- 25. CONSTRUCTION DURING THE WINTER SHALL INCLUDE INSPECTIONS AFTER EACH 1 RAINFALL/SNOWFALL EVENT AND NO LESS THAN ONCE PER WEEK. ALL AREAS WITHIN 75 FEET OF A PROTECTED NATURAL RESOURCE MUSTE BE PROTECTED WITH A DOUBLE ROW OF SEDIMENT BARRIERS.
- 26. THE CONTRACTOR SHALL PERFORM ALL WORK, AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
- 27. CONTRACTOR SHALL IMPLEMENT TEMPORARY AND PERMANENT STABILIZATION METHODS IN ACCORDANCE WITH THESE PLANS AND IN ACCORDANCE WITH STABILIZATION REQUIREMENTS IN THE LATEST GENERAL NPDES PERMIT FOR DISCHARGES FROM CONSTRUCTION ACTIVITIES.
- 28. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT BASIN TO ALLOW FOR SUFFICIENT SETTLING PRIOR TO DISCHARGE.
- 29. PROVIDE AND STORE AUXILIARY DEWATERING EQUIPMENT ON THE SITE IN THE EVENT OF BREAKDOWN. PROVIDE NON-WOVEN FILTER FABRIC SHALL BE SPECIFICALLY DESIGNED FOR SUBSURFACE DRAINAGE APPLICATIONS.

		<u>LEGEND</u>		
		EXISTING	PROPOSED	DESCRIPTION
				PROPERTY LINE
		0		DRAIN MANHOLE
				CATCH BASIN
GENERAL ABBREVIATIONS		S		SEWER MANHOLE
ASSESSOR'S PARCEL	A.P.	D		DRAIN PIPE
BOTTOM OF CURB	BC	G		GAS LINE
BITUMINOUS CONCRETE CURB BITUMINOUS CONCRETE	BCC BIT. CONC	—— ОН W ——		OVERHEAD WIRES
BOTTOM OF WALL CATCH BASIN	BW CB	W		WATER LINE
CHAIN LINK FENCE CLEANOUT	C.L.F. CO	s		SEWER LINE
CONCRETE SURFACE DRILL HOLE FOUND	CONC DH (F)	\$		HYDRANT
DRAIN MANHOLE DOUBLE WALL FIBER GLASS	DMH DWFG			SIGN
DASHED WHITE LINE	DWL DYCL	Φ		SITE LIGHT
DOUBLE YELLOW CENTERLINE EDGE OF PAVEMENT	EOP	-		UTILITY POLE
EXTRUDED CONCRETE CURB ELECTRIC HANDHOLE	ECC EHH			INDEX CONTOUR
FINISHED FLOOR ELEVATION FRONT YARD	FF= FY	₁₆₉		MINOR CONTOUR
VERTICAL GRANITE CURB GAS METER	GC GM			TREE LINE
HIGH DENSITY POLYETHYLENE PIPE	HDPE	4 4		CONCRETE SIDEWALK
INVERT ELEVATION LINEAL FEET	I= LF	⊚ <i>l.P.</i>		IRON PIPE/IRON PIN
LANDSCAPED AREA MONOLITHIC CONCRETE CURB MATCH EXISTING INVERT NOT AVAILABLE	LA MCC ME N/A			EXISTING BUILDINGS & APPURTENANCES TO BE DEMOLISHED
NOW OR FORMERLY	N/F			CONSTRUCTION FENCE
ON CENTER RIM ELEVATION	OC R=			WATTLES
ROOF DRAIN REMOVE REAR YARD	RD REM RY		Γ <u></u>	PROPOSED BUILDING PAD
SEWER FORCE MAIN SOLID WHITE EDGE LINE SOLID WHITE LINE SIDE YARD TOP OF CURB	SFM SWEL SWL SY TC		······	PAVEMENT TO BE RECLAIMED (IF SUITABLE)
TOP OF WALL UTILITY POLE VITRIFIED CLAY	TW UP VC WG	R108		STABILIZED CONSTRUCTION ENTRANCE
WATER GATE WATER SHUT-OFF	WSO	B108		BORING LOCATION

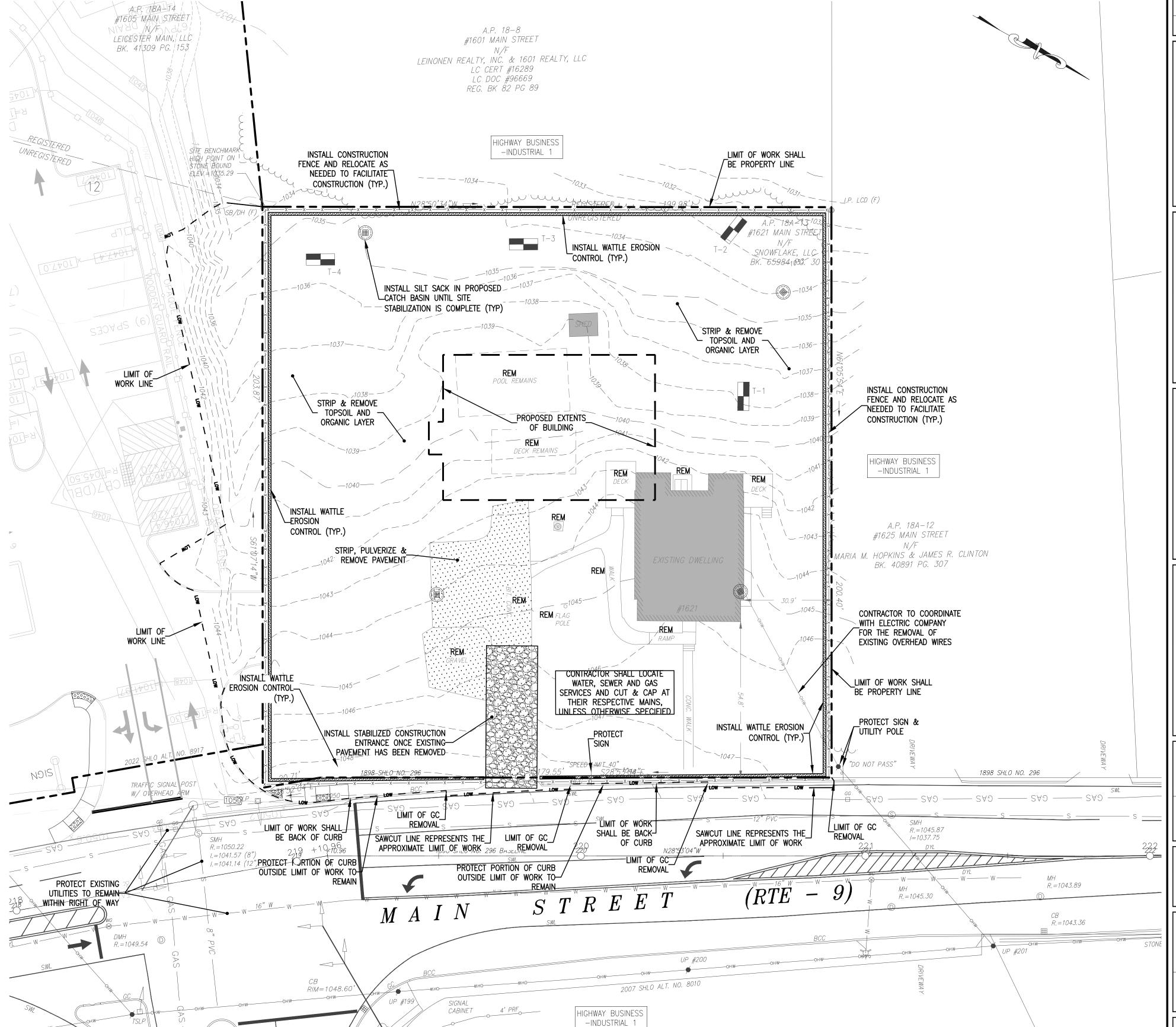


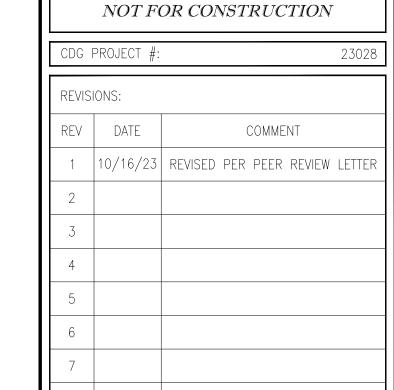
- 30. WATER FROM THE TRENCHES AND EXCAVATIONS SHALL BE DISPOSED OF IN SUCH A MANNER AS TO AVOID PUBLIC NUISANCE, INJURY TO PUBLIC HEALTH OR THE ENVIRONMENT, OR DAMAGE TO PUBLIC OR PRIVATE PROPERTY, OR DAMAGE TO THE WORK COMPLETED OR IN PROGRESS. DO NOT DISCHARGE WATER INTO ANY SANITARY SEWER SYSTEM. SILTATION BARRIERS SHALL BE UTILIZED IF NECESSARY.
- 31. WATER FROM TRENCHES AND EXCAVATIONS SHALL NOT BE DISCHARGED DIRECTLY TO STORM DRAIN SYSTEMS. PROPER TREATMENT TO A SEDIMENTATION AREA IS TO TAKE PLACE PRIOR TO DISCHARGE TO ANY DRAINAGE SYSTEMS.
- 32. THE CONTRACTOR SHALL REPAIR ANY DAMAGE RESULTING FROM THE FAILURE OF THE DEWATERING OPERATIONS OR FROM FAILURE TO MAINTAIN ALL AREAS OF WORK IN SUITABLE DRY CONDITION.
- 33. DO NOT EXCAVATE UNTIL THE DEWATERING SYSTEM IS OPERATIONAL AND THE EXCAVATION MAY PROCEED WITHOUT DISTURBANCE TO THE FINAL SUBGRADE.
- 34. UNLESS OTHERWISE SPECIFIED, CONTINUE DEWATERING UNINTERRUPTED UNTIL THE STRUCTURES, PIPES. AND APPURTENANCES TO BE BUILT HAVE BEEN PROPERLY INSTALLED. WHERE SUBGRADE MATERIALS ARE UNABLE TO MEET SUBGRADE DENSITY REQUIREMENTS DUE TO IMPROPER DEWATERING
- 35. THE PROPOSED ONSITE DRAINAGE SYSTEM SHALL BE INSTALLED AS SOON AS PRACTICABLE. ALL EXISTING AND PROPOSED CATCH BASIN INLETS SHALL BE
- PROTECTED WITH A SILT SACK (SEE DETAIL).
- 36. DUST IS TO BE CONTROLLED BY AN APPROVED METHOD ACCORDING TO LOCAL, STATE AND FEDERAL STANDARDS AND MAY INCLUDE WATERING WITH A SOLUTION OF CALCIUM CHLORIDE AND WATER.

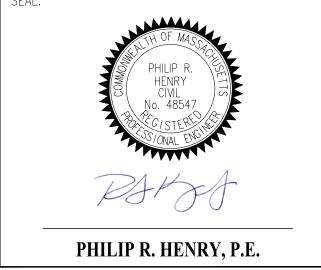
TECHNIQUES, REMOVE AND REPLACE THE MATERIALS AS DIRECTED BY THE ENGINEER.

- 37. ABUTTING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS FROM THIS PROJECT AT ALL TIMES. WORK ON ABUTTING PROPERTY SHALL REQUIRE WRITTEN AUTHORIZATION FROM THE OWNER PRIOR TO ANY LAND DISTURBANCE.
- 38. THE EROSION CONTROL MEASURES ILLUSTRATED IN THIS PLAN SET SHALL BE THE MINIMUM REQUIRED CONTROLS IMPLEMENTED. THE CONTRACTOR SHALL KEEP ADDITIONAL EROSION CONTROL MEASURES SUCH AS WATTLES ONSITE AT ALL TIMES TO RELOCATE OR ADD SUCH MEASURES AS THE PROJECT EVOLVES OR AN UNFORESEEN CONDITION OCCURS.

- 39. EROSION CONTROL MIX SHOULD CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4" IN DIAMETER. EROSION CONTROL MIX SHOULD BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH SUCH AS FLY ASH OR YARD SCRAPING. LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX. THE MIX COMPOSITION SHOULD MEET THE FOLLOWING STANDARDS: THE ORGANIC MATTER CONTENT SHOULD BE BETWEEN 80% AND 100%, DRY WEIGHT BASIS.
- PARTICLE SIZE BY WEIGHT SHOULD BE 100% PASSING A 6" SCREEN AND 70% TO 85% PASSING A 0.75" SCREEN.
- THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED. 39.4. SOLUBLE SALTS CONTENT SHALL BE < 4.0 MMHOS/CM.
- 39.5. THE PH SHOULD BE BETWEEN 5.0 AND 8.0.
 39.6. PROHIBITED AT THE BASE OF AN SLOPE STEEPER THAN 8% OR WHERE RUNOFF IS FLOWING WITHOUT THE SUPPORT OF ADDITIONAL MEASURES, SUCH
- 40. STOCKPILES SHALL BE LOCATED ONSITE OUTSIDE OF ALL WETLAND RESOURCE AREA BUFFER ZONES IF PRESENT ON SITE. EROSION CONTROL MEASURES
- SHALL BE INSTALLED AT THE FOOT OF THE STOCKPILE AND AND SHALL BE COVERED TO PREVENT WASHOUT.
- 41. ALL PROPOSED SLOPES 3:1 AND STEEPER SHALL BE STABILIZED WITH AN EROSION CONTROL MATTING AND SHALL BE HYDROSEEDED.
- 42. ALL PIPELINES OR STRUCTURES NOT STABLE AGAINST UPLIFT DURING CONSTRUCTION OR PRIOR TO COMPLETION SHALL BE THOROUGHLY BRACED OR OTHERWISE PROTECTED.
- 43. ALL SITE DRAINAGE, WATER, AND SEWER WORK OUTSIDE THE BUILDING FOOTPRINT SHALL BE PERFORMED BY A LICENSED DRAIN LAYER.
- 44. ANY PROPOSED SURFACE OPENINGS AND EXCAVATION WORK WITHIN THE CITY RIGHT-OF-WAY LIMITS WILL REQUIRE A STREET OPENING PERMIT (SOP).
- 45. A TRENCH OPENING PERMIT (TOP) SHALL BE OBTAINED PRIOR TO THE EXCAVATION OF ANY TRENCH.







PLANNING BOARD:

IVIL ENGINEER:

CIVIL LESIGN TROUP, LLC

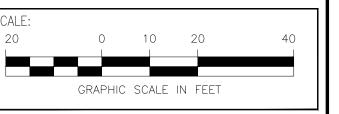
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HY VENTURES LEICESTER, LLC

313 BOSTON POST ROAD WEST MARLOROUGH, MA 01752

PROPOSED RETAIL **DEVELOPMENT**

1621 MAIN STREET (RT-9) LEICESTER, MA 01524



DEMOLITION & EROSION CONTROI PLAN

09/08/202

GENERAL NOTES

- ZONING INFORMATION OBTAINED FROM THE TOWN OF LEICESTER ZONING ORDINANCE AS AMENDED THROUGH JUNE 2020.
- 2. THE PROJECT SITE IS LOCATED ON ASSESSOR LOT 13 ON MAP 18A AND TOTALS APPROXIMATELY
- 3. THE PROJECT LIES WITHIN THE HIGHWAY BUSINESS 1 (HB-1) DISTRICT AND DOES NOT LIE WITHIN AN OVERLAY DISTRICT.
- 4. MODIFICATIONS TO THIS PLAN MAY OCCUR AS UNFORESEEN CONDITIONS ARISE. ALL CHANGES SHALL BE APPROVED BY THE ENGINEER & MUNICIPALITY.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, SITE ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS, AND PLANT SPECIFICATIONS TO THE OWNER AND SITE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
- 7. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF THE CONSTRUCTION.
- 8. THE PROPERTY IS LOCATED WITHIN THE ZONE X FLOOD ZONE, AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 25027c0780e WHICH BEARS AN EFFECTIVE DATE OF

SITE LAYOUT NOTES

- THE BUILDING OUTLINE SHOWN ON THIS PLAN DEPICTS THE FINISH TO FINISH EXTENTS OF THE BUILDING. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR FOUNDATION PLANS FOR THE PURPOSE OF STAKING OUT THE BUILDING. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND EXTERIOR FEATURES INCLUDING UTILITY METERS, BOLLARDS,
- BUILDING SIDEWALK DIMENSIONS ARE MEASURED FROM EXTERIOR FINISH MATERIAL OF STRUCTURE.
- 3. ALL LIMITS OF PAVEMENT SHALL BE CURBED, UNLESS OTHERWISE NOTED.
- 4. ALL ONSITE CURB SHALL BE EXTRUDED CONCRETE AND MONOLITHIC CONCRETE, UNLESS OTHERWISE SPECIFIED. OFFSITE CURB SHALL BE VERTICAL GRANITE.
- . NON-ACCESSIBLE PARKING SPACE DIMENSIONS AS SHOWN ON THE PLAN ARE 10' WIDE x 20' LONG, UNLESS OTHERWISE SPECIFIED.
- ALL PAVEMENT MARKINGS SHALL BE ACCOMPLISHED WITH USE OF PAINTING MACHINES AND/OR STENCILS. ALL PAINT FOR PAVEMENT MARKING SHALL MEET THE REQUIREMENTS OF SOLVENTBORNE APPLICATION RECOMMENDATIONS (LATEX TRAFFIC PAINT BY BENJAMIN MOORE #TD58 LOW VOC). PARKING STALL AND ISLAND STRIPING SHALL BE 4" WIDE AND SHALL BE STRAIGHT WITH A CLEAN EDGE. ALL DIRECTIONAL ARROWS, STOP BARS, ETC. SHALL CONFORM WITH MUTCH APPLICATIONS SHALL HAVE TWO COATS OF PAINT WITH AT LEAST 14 DAYS IN BETWEEN APPLICATIONS.
- . PAVEMENT LETTERS SHALL BE 2' WIDE X 2' LONG.
- B. STOP BARS SHALL BE 12" WIDE AND SOLID LINES SHALL BE 4" IN WIDTH (SEE SITE PLAN FOR LENGTH & COLOR).
- 9. ACCESSIBLE PARKING SPACES SHALL CONFORM TO THE LATEST EDITION OF THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE ARCHITECTURAL ACCESS BOARD (AAB) AS SHOWN ON THE SITE LAYOUT PLAN.
- IO. ACCESSIBLE PARKING AISLE STRIPING SHALL CONSIST OF 4" SOLID LINES OF LATEX TRAFFIC PAINT BY BENJAMIN MOORE #TD58 LOW VOC ADA BLUE COLOR ORIENTED AT A 45 DEGREE ANGLE AND SPACED 3' ON CENTER.
- 11. DIRECTIONAL AND ACCESSIBLE SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR COLOR AND SIZE.
- 12. ALL FLAT WORK WITHIN THE RIGHT OF WAY SHALL CONFORM TO MUNICIPAL/STATE STANDARDS.
- 13. REPLACEMENT PAVEMENT AS A RESULT OF UTILITY AND DRAINAGE TRENCHING WITHIN THE RIGHT-OF-WAY SHALL MATCH EXISTING PAVEMENT THICKNESS.
- 14. SNOW SHALL NOT BE STORED IN ANY LANDSCAPED AREAS, EXCEPT FOR DESIGNATED SNOW STORAGE AREAS, AND SHALL NOT BE STORED IN ANY MANNER WHICH AFFECTS VISIBILITY FOR PEDESTRIANS AND VEHICLES. THE CLEARING OF SNOW MUST COMMENCE WHEN STOCKPILED SNOW EITHER IMPEDES THE SIDEWALK OR PARKING SPACE ACCESS, AT WHICH TIME, THE APPLICANT WOULD BE EXPECTED TO REMOVE THE SNOW WITHIN 24 HOURS.
- 15. SITE LIGHTS TO BE INSTALLED PER DETAIL. CONTRACTOR SHALL NOTIFY THE ENGINEER IF THIS DISTANCE CANNOT BE ACHIEVED DUE TO DRAINAGE OR UTILITY CONFLICTS. REFER TO DETAILS FOR SITE LIGHT POLE BASE DETAILS AND SPECIFICATIONS.

MUTCD REFERENCE	SIGN (METAL)
R1-1 30"x30"	STOP
R7-8 12"X18"	RESERVED PARKING
R7-8a 12"X18"	VAN ACCESSIBLE
R3-5 30"X30"	DO NOT ENTER

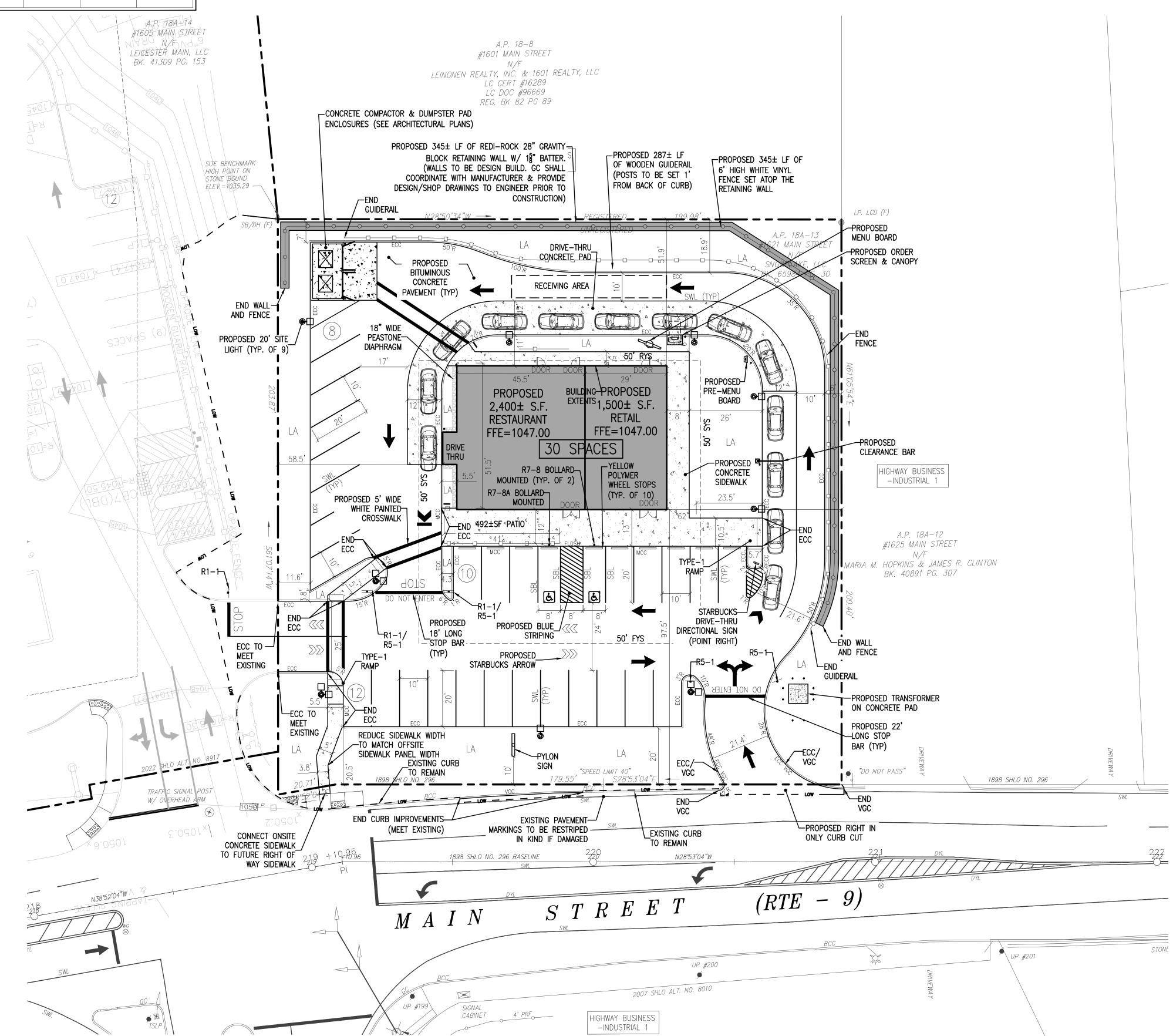
30 830		ENTER	CAPE COD BERM CHAIN LINK FENCE CLEANOUT	(
			CONCRETE SURFACE DRAIN MANHOLE DOUBLE WALL FIBER GLASS	(
	<u>LEGENI</u>	<u> </u>	DOUBLE WALL FIBER GLASS DASHED WHITE LINE DOUBLE YELLOW CENTERLINE]]]
EXISTING	PROPOSED	DESCRIPTION	EDGE OF CONCRETE	Е
		PROPERTY LINE	EDGE OF PAVEMENT EXTRUDED CONCRETE CURB	E
		BUILDING SETBACK/ BUFFER	FINISHED FLOOR ELEVATION FRONT YARD	F
	6	PARKING SPACES	VERTICAL GRANITE CURB SLOPED GRANITE CURB	(
	2'R	CURB RADIUS	GAS METER HIGH DENSITY	(
	&	ACCESSIBLE PAVEMENT MARKINGS	POLYETHYLENE PIPE INVERT ELEVATION	- :
	←	RAMP UPSLOPE DIRECTION	LINEAL FEET LANDSCAPED AREA	L
- o-		SIGN	MONOLITHIC CONCRETE CURB	N N
\$		LIGHT	INVERT NOT AVAILABLE NOW OR FORMERLY	N
	-0-	UTILITY POLE	ON CENTER PRECAST CONCRETE CURB	C F
		WOODEN GUIDE RAIL	RIM ELEVATION ROOF DRAIN	F
	→	PAINTED ARROW	REMOVE REAR YARD	F
		DIRECTIONAL ARROW	SOLID WHITE EDGE LINE	5
4	D D	CONCRETE PAD/SIDEWALK	SOLID WHITE LINE SIDE YARD	5
Δ'		ACCESSIBLE RAMP	SOLID YELLOW LINE TOP OF CURB	S
<i>I.P.</i>		IRON PIPE/IRON PIN	TOP OF WALL	Ţ

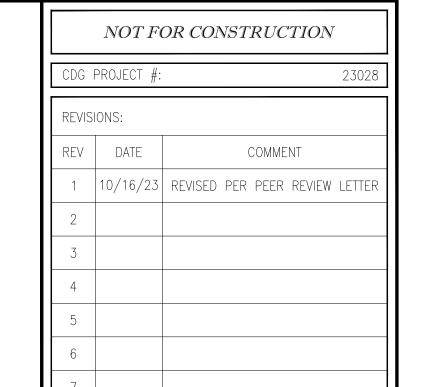
FINISHED FLOOR ELEVATION FRONT YARD VERTICAL GRANITE CURB	A.P. BC BCC BIT. CONC BW CB CCB C.L.F. CO CONC DMH DWFG DWL EOC EOP ECC FF= FY GC SGC GM HDPE I= LF LA MCC ME N/F OC PCC R= RD REM RY SWEL SY SYL TC TW UP

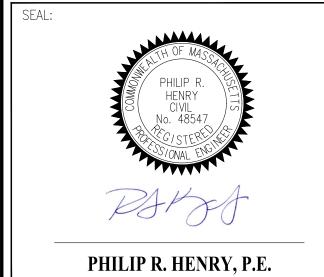
ZONING INFORMATION				
ZONING DISTRICT : HIGHWAY BUSINESS -1 (HB-1)				
REGULATION	REQUIRED	EXISTING	PROPOSED LOW	
MIN. LOT AREA	60,000 SF	40,123 SF±	NO CHANGE	
MIN. LOT FRONTAGE	200 FT	200.2 FT±	NO CHANGE	
MIN. FY SETBACK	50 FT	54.8 FT±	97.5 FT±	
MIN. SY SETBACK	50 FT	30.9 FT±	58.5 FT±	
MIN. RY SETBACK	50 FT	93.7 FT±	51.9 FT±	
MAX. BUILDING HEIGHT	55 FT/5.5 STORIES	23 FT±	<55 FT	
MAX. BUILDING COVERAGE	40%	5%±	10%±	

USE	REQUIRED	PROVIDED
PARKING: RETAIL: 1 SPACE/200 GROSS FLOOR AREA 1,500 SF/200 = 7.5 SPACES RESTAURANTS: 1 SPACE/EMPLOYEE + 1 SPACE/3 SEATS ASSUME 50 SEATS/6 EMPLOYEES = 22.6 SPACES	30 SPACES	30 SPACES
LOADING: ADEQUATE OFF—STREET LOADING FACILITIES AN BE PROVIDED TO SERVICE ALL NEEDS CREATED CONSTRUCTION. FACILITIES SHALL BE SO SIZED THAT NO TRUCKS NEED TO BACK ONTO OR OF WAY, OR BE PARKED ON A PUBLIC WAY WHILE UNLOADING.) BY NEW) AND ARRANGED FF A PUBLIC	PROVIDED

LAND COVERAGE CALCULATIONS TOTAL DISTURBED AREA: 0.92± ACRES		
COVER	EXISTING	PROPOSED
BUILDING	0.04± AC	0.09± AC
PAVEMENT/CONCRETE	0.08± AC	0.59± AC
OPEN SPACE	0.80± AC	0.24± AC
TOTAL	0.92± AC	0.92± AC







CIVIL ENGINEER:

PLANNING BOARD:

CIVIL DESIGN Group, LLC

21 HIGH STREET, SUITE 207 NORTH ANDOVER, MA 01845 www.cdgengineering.com p: 978-794-5400 f: 978-965-3971

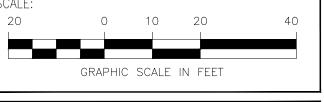
PREPARED FOR:

HY VENTURES LEICESTER, LLC

313 BOSTON POST ROAD WEST MARLOROUGH, MA 01752

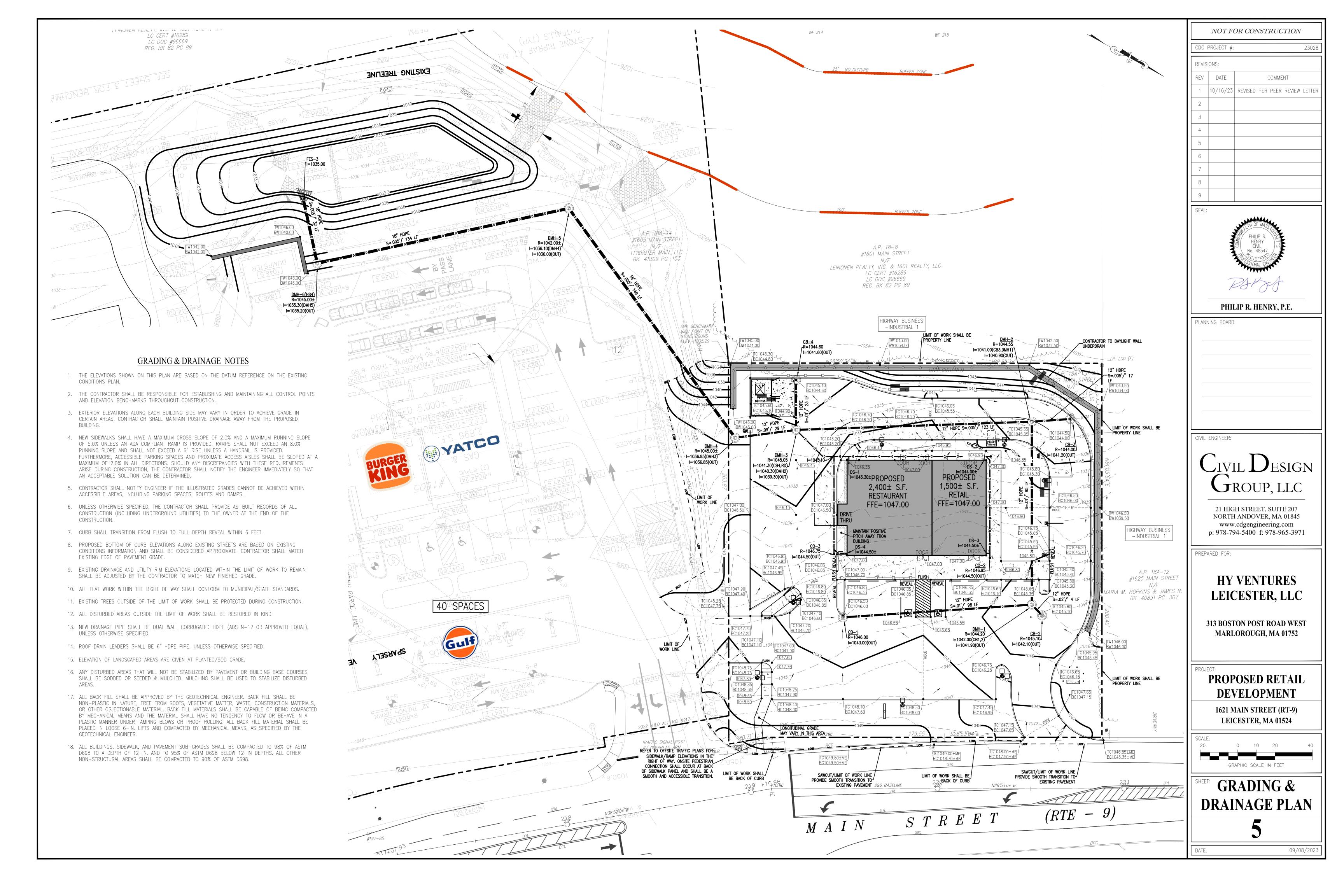
PROPOSED RETAIL **DEVELOPMENT**

1621 MAIN STREET (RT-9) LEICESTER, MA 01524



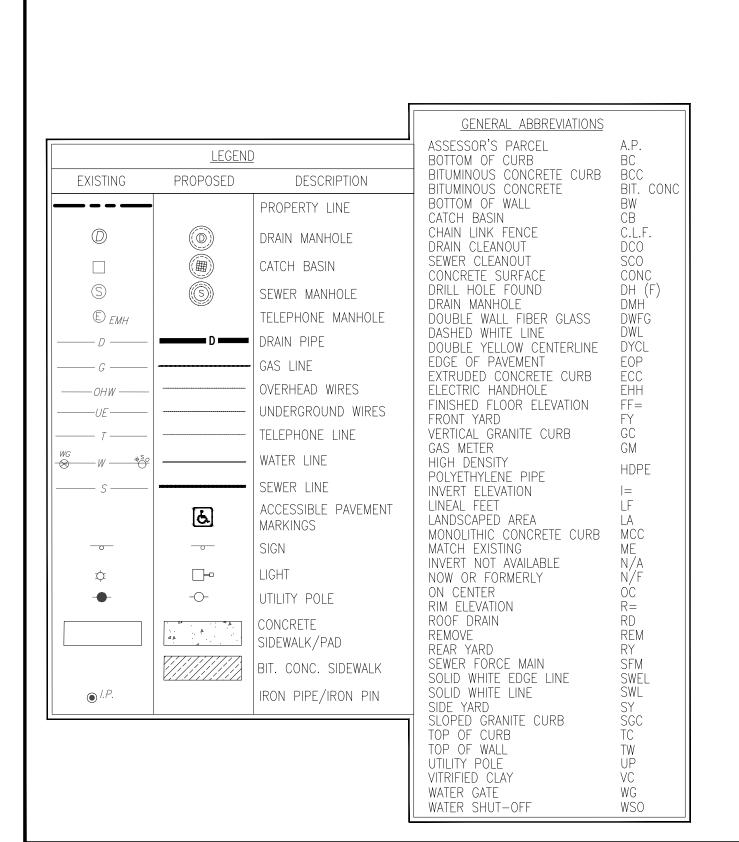
SITE **PLAN**

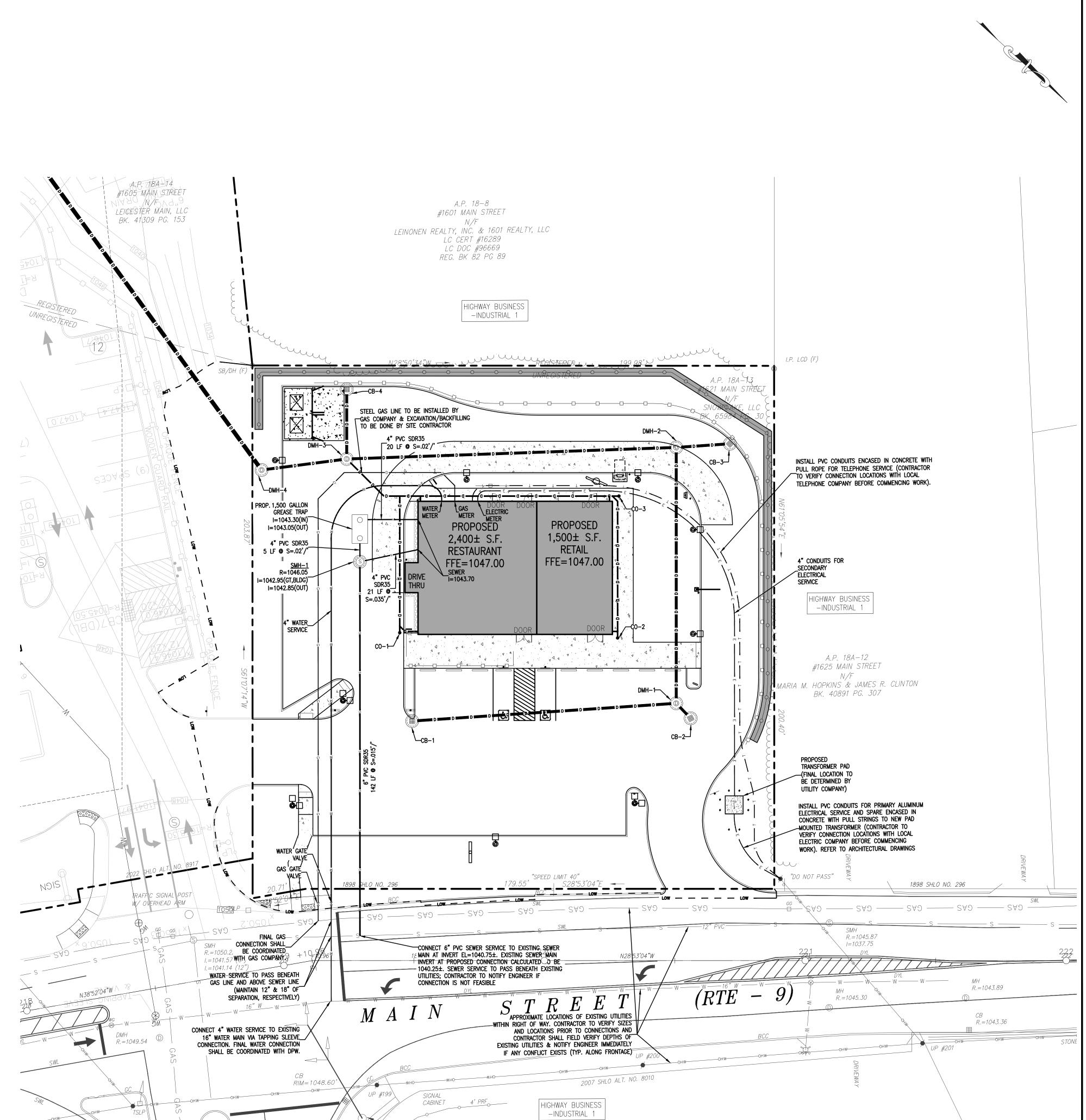
09/08/202



UTILITY NOTES

- 1. ALL WATER SERVICES SHALL BE INSTALLED WITH A MINIMUM 5'-6" AND A MAXIMUM OF 6' OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE. GREATER DEPTHS ARE PERMITTED WHERE REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES.
- 2. ALL WATER SERVICE INSTALLATION METHODS AND TESTING REQUIREMENTS SHALL MEET OR EXCEED ALL LOCAL MUNICIPAL REQUIREMENTS
- 3. EXISTING WATER, SEWER, ELECTRICAL, TELEPHONE AND GAS LINES DEPICTED ON THIS PLAN ARE BASED ON RECORD DRAWINGS. CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL UTILITIES PRIOR TO CONNECTION.
- 4. PROPOSED GAS SERVICE LOCATION IS APPROXIMATE ONLY. THE CONTRACTOR SHALL CONFIRM WITH THE GAS COMPANY THAT GAS LINE INSTALLATION SHALL BE BY THE LOCAL GAS COMPANY. THE CONTRACTOR SHALL GIVE THE GAS COMPANY ADVANCE NOTICE OF WHEN THE GAS LINE CAN BE INSTALLED. THE CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND COMPACTION FOR THE GAS LINE.
- 5. DUE TO THE SCALE OF THE SITEWORK DRAWINGS, THE EXACT LOCATION OF UTILITY SERVICES TO THE BUILDING SHALL BE VERIFIED WITH THE BUILDING DRAWINGS.
- 6. ALL UTILITIES, PIPE MATERIALS, STRUCTURES, AND INSTALLATION METHODS SHALL CONFORM TO MUNICIPALITY STANDARDS AND REQUIREMENTS
- 7. SUITABLE, TEMPORARY PLUGS SHALL BE INSTALLED IN THE OPEN ENDS OF UTILITY SERVICES TO THE BUILDING PRIOR TO BACKFILLING. STUB LOCATIONS SHALL BE MARKED IN THE FIELD SO THAT THEY MAY BE EASILY LOCATED.
- 8. WATER & SEWER SERVICE CONNECTIONS SHALL BE INSPECTED BY THE MUNICIPAL WATER & SEWER DEPARTMENT.
- 9. ALL SITE DRAINAGE, WATER, AND SEWER WORK OUTSIDE THE BUILDING FOOTPRINT SHALL BE PERFORMED BY A LICENSED DRAIN LAYER.
- 10. EXISTING DRAINAGE AND UTILITY RIM ELEVATIONS LOCATED WITHIN THE LIMIT OF WORK TO REMAIN SHALL BE ADJUSTED BY THE CONTRACTOR TO MATCH NEW FINISHED GRADE.
- 11. CONTRACTOR TO FIELD VERIFY DEPTH OF EXISTING UTILITIES ALONG THE PATH OF THE PROPOSED UTILITY CONNECTIONS AND NOTIFY ENGINEER IMMEDIATELY IF A CONFLICT EXISTS.
- 12. EXCAVATION, CONDUIT INSTALLATION AND BACKFILLING FOR ELECTRICAL AND TELEPHONE SERVICES TO BE PERFORMED BY SITE CONTRACTOR.
- 13. EXISTING WATER, SEWER AND GAS SERVICES SHOULD BE EVALUATED TO DETERMINE IF SUITABLE FOR REUSE BY THE CONTRACTOR AND SHALL NOTIFY THE ENGINEER OF THE SAME. IF EXISTING UTILITIES ARE DEEMED TO NOT BE SUITBALE, THEY ARE TO BE CUT & CAPPED AT THE MAIN AND SERVICE LINES SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED BY THE MUNICIPALITY AND/OR UTILITY COMPANY. AS SUCH, THE SAWCUT LINES SHOWN ON THESE PLANS DO NOT ACCOUNT FOR THE REMOVAL OF THE EXISIING UTILITIES BUT THE CONTRACTOR SHALL ASSUME REMOVAL FOR THE PURPOSES OF BIDDING THE PROJECT.





 NOT FOR CONSTRUCTION

 CDG PROJECT #:
 23028

 REVISIONS:
 COMMENT

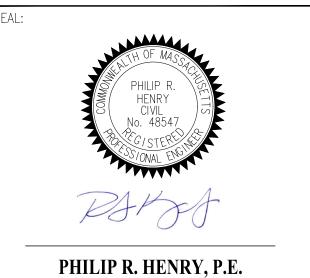
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 10/16/23
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CIVIL ENGINEER:

PLANNING BOARD:

Civil Design Group, LLC

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PREPARED FOR:

HY VENTURES LEICESTER, LLC

313 BOSTON POST ROAD WEST MARLOROUGH, MA 01752

PROPOSED RETAIL DEVELOPMENT

1621 MAIN STREET (RT-9) LEICESTER, MA 01524



UTILITY PLAN

E: 09/08/2023

PLA	NT MA	ATERIAL LIST				
SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE		
DECI	DECIDUOUS AND ORNAMENTAL TREES					
LS	5	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	2-2 1/2"		
TC	3	TSUGA CANADENSIS	CANADIAN HEMLOCK	2-2 1/2"		
TCG	3	TILIA CORDATA GREENSPIRE	GREENSPIRE LITTLE LEAF LINDEN	2-2 1/2"		
SHR	JBS					
AZ	4	AZALEA DELAWARE VALLEY WHITE	AZALEA DELAWARE VALLEY WHITE	#5		
VIB	2	VIBURNUM CARLESI	MAYFLOWER VIBURNUM	#5		
PERE	ENNIALS	AND GRASSES				
CA	46	CALAMAGROSTIS X ACUTIFLORA	FEATHER REED GRASS	1 GAL		
FE	44	FESTUCA c. 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	1 GAL		
НН	46	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILLIES	1 GAL		
IS	46	IRIS SIBERICA 'CAESAR'S BROTHER'	CAESAR'S BROTHER'S IRIS	1 GAL		

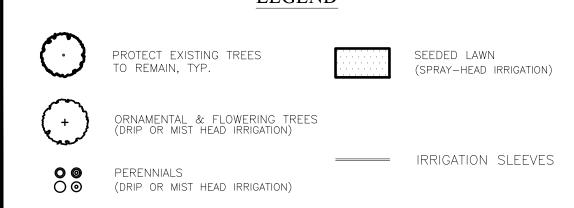
GENERAL NOTES

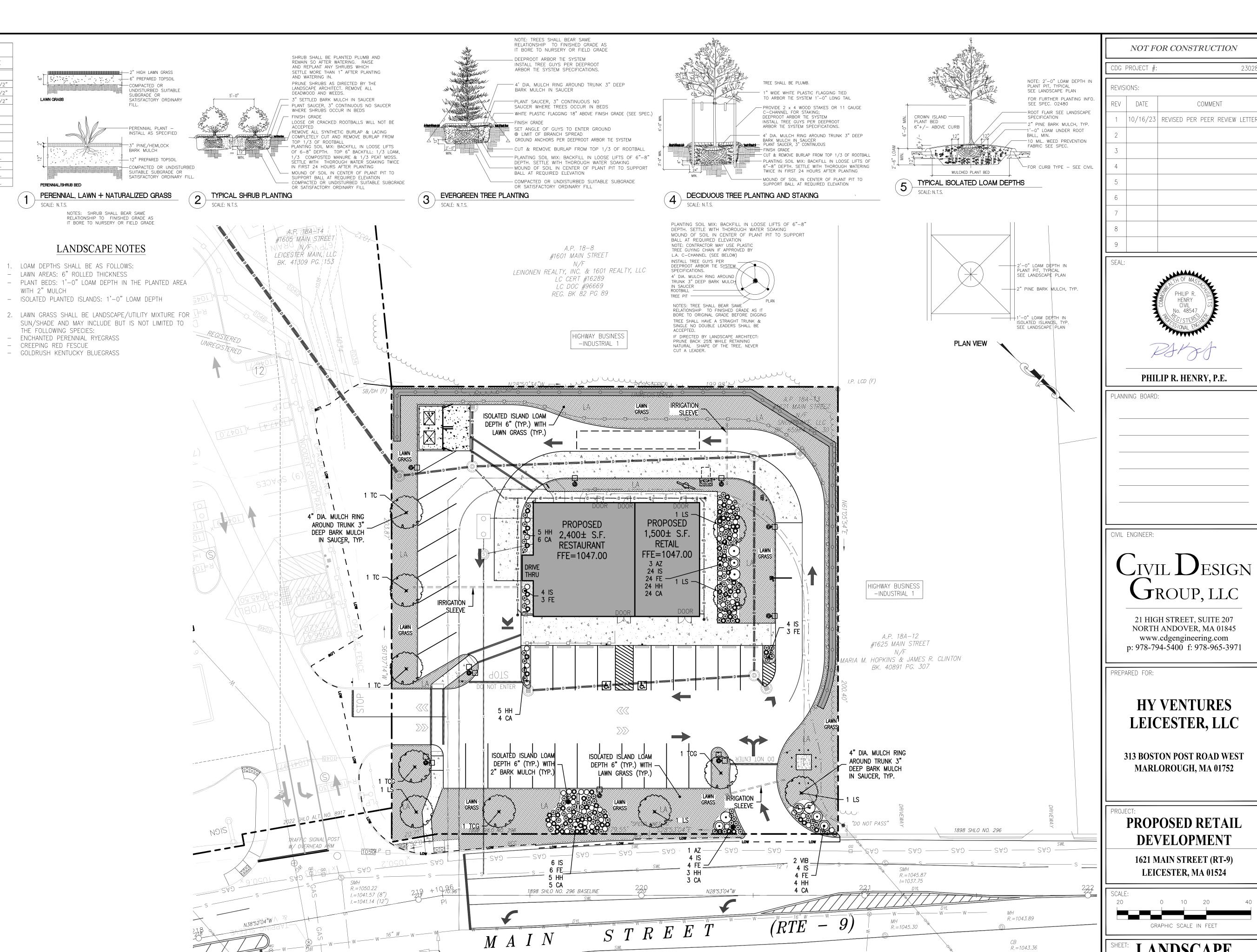
- CONTRACTOR SHALL MAKE A SITE VISIT PRIOR TO BIDDING TO EXAMINE EXISTING CONDITIONS FOR THEMSELVES. CONTRACTOR TO FAMILIARIZE THEMSELVES WITH DESIGN DOCUMENTS, NOTES & DETAILS AND THE MASSDOT STANDARD SPECIFICATIONS - PLANT BEDS: 1'-0" LOAM DEPTH IN THE PLANTED AREA FOR HIGHWAYS AND BRIDGES, CURRENT EDITION.
- CONTRACTOR SHALL NOTIFY/COORDINATE WITH THE MUNICIPALITY PRIOR TO PLANT MATERIAL INSTALLATION.
- PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL CONTACT DIG SAFE @ 1-888-344-7233 TO HAVE THE EXISTING UTILITIES MARKED.
- THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS. SEE SPECIFICATION.
- ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY "THE AMERICAN STANDARD FOR NURSERY STOCK," PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. ANSI Z60.1-CURRENT EDITION.
- ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINER GROWN. NO PLASTIC BURLAP.
- THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
- HEAL ALL CONSTRUCTION SCARS WITH NATURALIZED GRASS, LAWN OR MULCH AS INDICATED ON PLAN.
- "DRY ROOTS" SHALL BE ADDED TO ALL NEW TREE PLANTING PITS. ALL NEW LOAM SHALL BE TESTED AND AMENDED AS STATED IN THE LOAM REPORT PROVIDED BY LOAM SUPPLIER.
- D. LANDSCAPE CONTRACTOR SHALL SUBMIT A WATERING SCHEDULE PROGRAM FOR THE 60 DAY MAINTENANCE PERIOD TO OWNER FOR ALL PROPOSED PLANT MATERIAL.
- . PROTECT EXISTING PLANT MATERIAL WITHIN CONSTRUCTION LIMITS. PROVIDE WATERING PROGRAM FOR ALL PROPOSED PLANT MATERIAL DURING CONSTRUCTION.

IRRIGATION NOTES

- THE DESIGN/BUILD IRRIGATION SUB-CONTRACTOR SHALL PROVIDE A COMPLETE SYSTEM FOR THE IRRIGATION AREAS SHOWN ON THE PLAN, WHICH INCLUDES NEW AND EXISTING TRANSPLANTED PLANT MATERIALS. SHOP DRAWINGS SHALL BE PROVIDED AT A SUITABLE SCALE TO ILLUSTRATE THAT THE DESIGNATED PLANT MATERIALS WILL BE IRRIGATED BY EITHER SPRAY HEADS, MIST HEADS OR DRIP IRRIGATION TUBING.
- IRRIGATION TO BE COORDINATED WITH GENERAL CONTRACTOR TO LOCATE THE NECESSARY PVC SLEEVING TO COMPLETE IRRIGATION PROGRAM.
- ALL LAWN AREAS SHALL BE SPRAY HEAD IRRIGATED. THE HEADS SHALL BE LOCATED FOR HEAD TO HEAD COVERAGE WITH ABSOLUTELY NO OVER-SPRAY ONTO THE PAVEMENT.
- ALL TREES, SHRUBS AND GROUND COVER SHALL BE DRIP IRRIGATED/IRRIGATED WITH SHRUB MIST HEADS. CONTRACTOR SHALL BE AWARE THAT THE IRRIGATION SYSTEM SHALL BE ROUTED TO THE PYLON SIGN PLANTINGS AND PLANTERS AROUND THE
- THE IRRIGATION LAYOUT AND ALL OF THE COMPONENTS SHALL CONFORM TO THE SPECIFICATIONS. THE SPECIFICATIONS CALL FOR SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL, AS WELL AS CONFORMANCE TO THE MATERIALS SPECIFIED.
- THE CONTRACTOR SHALL BE EXTREMELY CAREFUL DURING THE INSTALLATION PROCESS NOT TO DISTURB NEW OR EXISTING PLANT MATERIALS. THE CONTRACTOR IS TO COORDINATE HIS WORK WITH OTHER SUB-CONTRACTORS.
- SLEEVING UNDER PAVEMENTS MUST BE AVAILABLE AND IN THE PROPER LOCATION PRIOR TO PAVING.
- THE IRRIGATION CONTRACTOR SHALL CONFORM TO ANY LOCAL CODES OR ORDINANCES THAT MAY BE REQUIRED TO COMPLETE THE WORK.
- THE IRRIGATION ALTERNATE SHALL INCLUDE THE COST OF CONNECTING TO THE BUILDING WATER SERVICE DOWN STREAM OF THE BACK FLOW PREVENTER OF THE IRRIGATION WELL.
- D. THE IRRIGATION CONTRACTOR SHALL TEST WATER SOURCE FOR WATER QUALITY INCLUDING MINERALS THAT MAY CAUSE STAINING OF CONCRETE, GRANITE, PAVEMENT & CURBS.

LEGEND





UP #200

2007 SHLO ALT. NO. 8010

HIGHWAY BUSINESS -INDUSTRIAL 1

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COMMENT

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PHILIP R. HENRY, P.E.

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HY VENTURES

LEICESTER, LLC

313 BOSTON POST ROAD WEST

MARLOROUGH, MA 01752

PROPOSED RETAIL

DEVELOPMENT

1621 MAIN STREET (RT-9)

LEICESTER, MA 01524

GRAPHIC SCALE IN FEET

LANDSCAPE

PLAN

09/08/2023

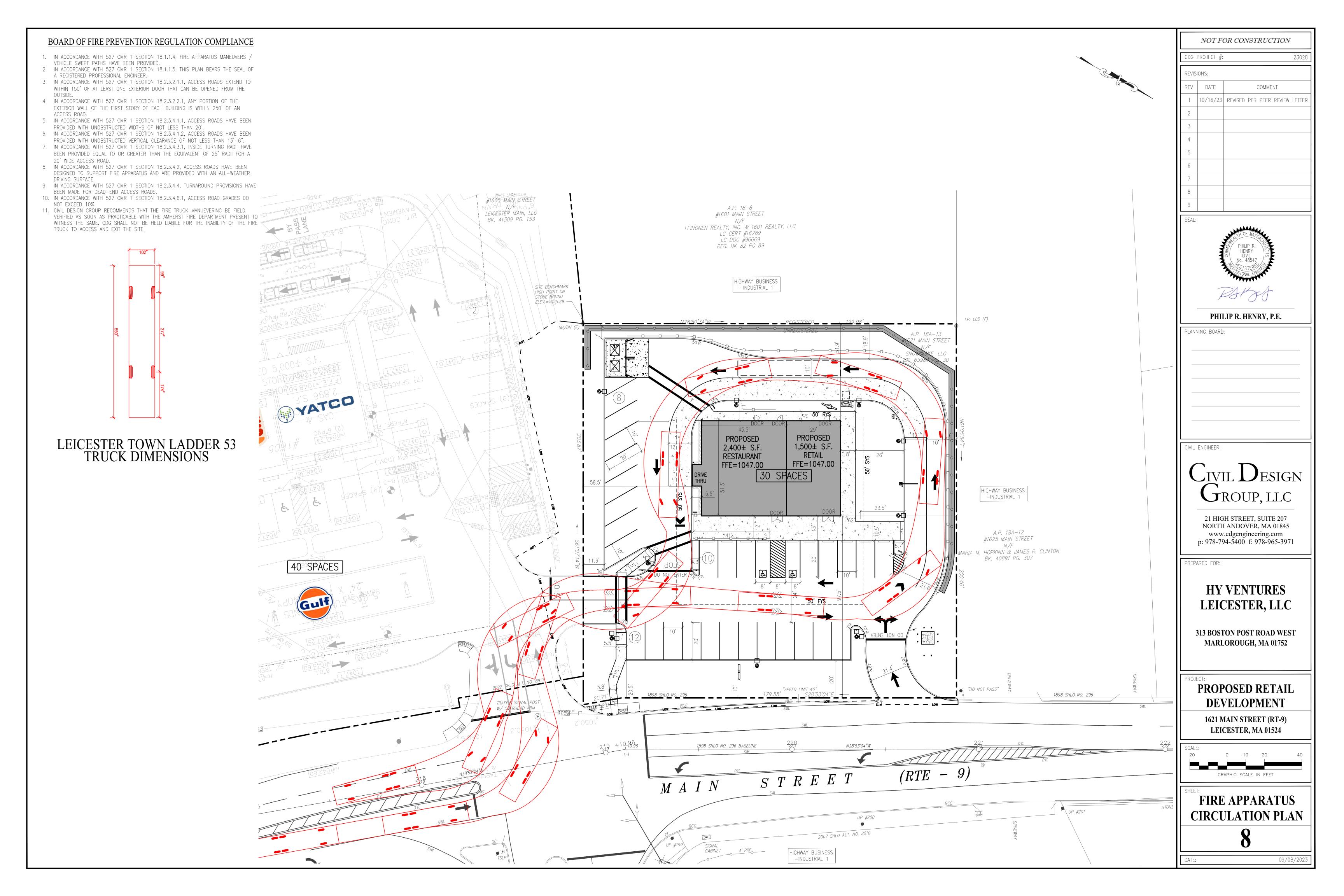
LANNING BOARD:

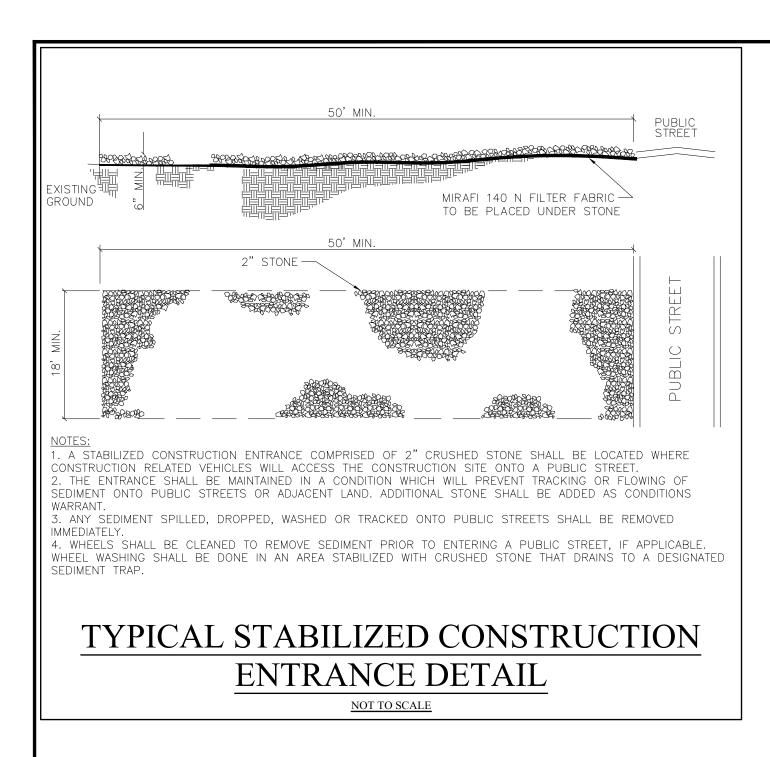
CIVIL ENGINEER:

REPARED FOR:

23028

G PROJECT #:





5/8" DIA. GALVANIZED -CARRIAGE BOLT WITH WASHER AND HEX NUT

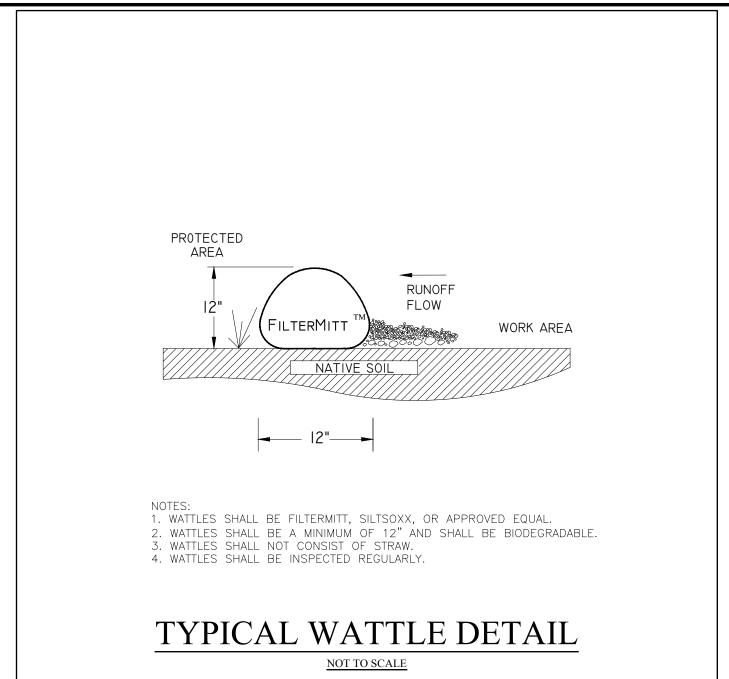
4"x10" PT SOUTHERN -YELLOW PINE RAIL

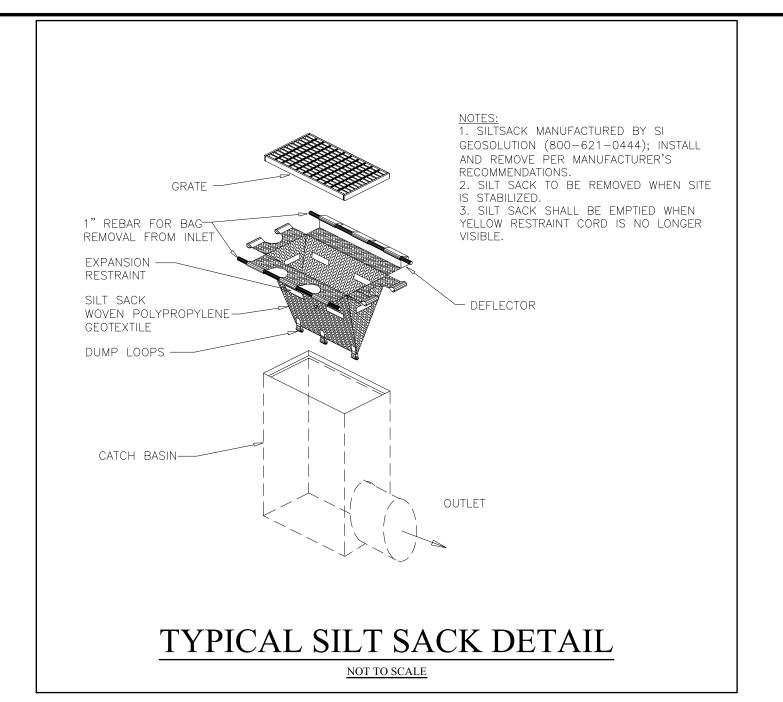
INSTALL RAIL FACE 1.5'

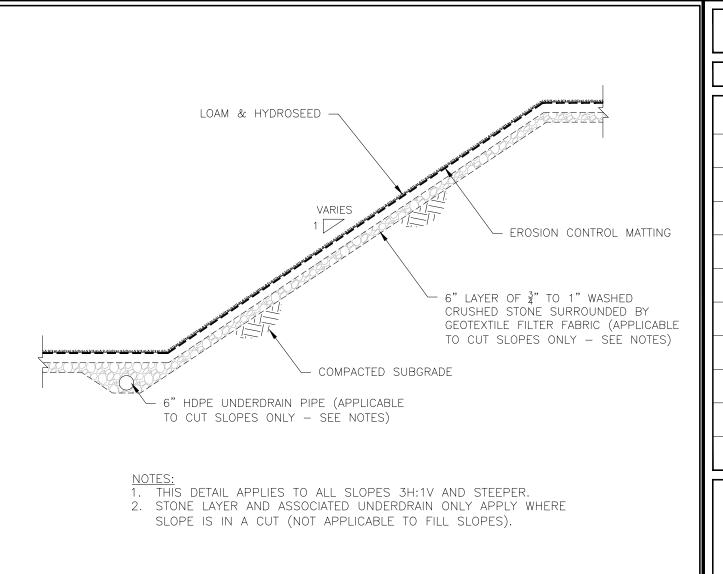
FROM FACE OF CURB.

8"x8" PT SOUTHERN -

YELLOW PINE POST

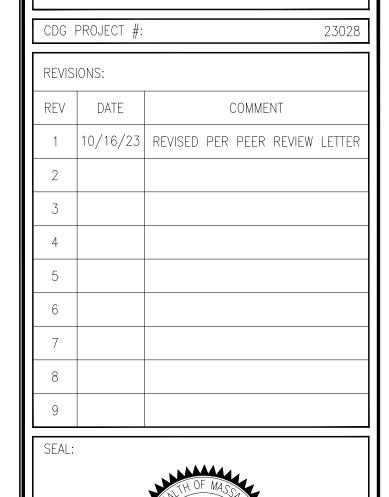




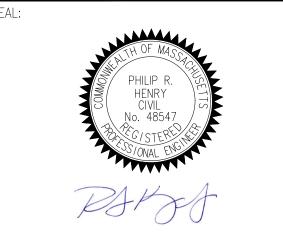


TYPICAL SLOPE STABILIZATION DETAIL

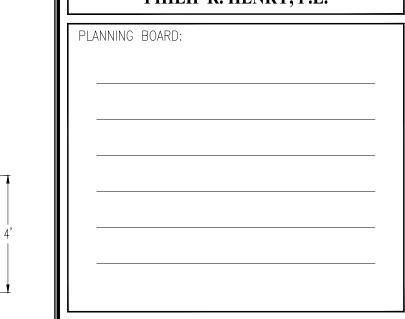
NOT TO SCALE



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PREPARED FOR:

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313 BOSTON POST ROAD WEST MARLOROUGH, MA 01752

PROPOSED RETAIL **DEVELOPMENT**

1621 MAIN STREET (RT-9)

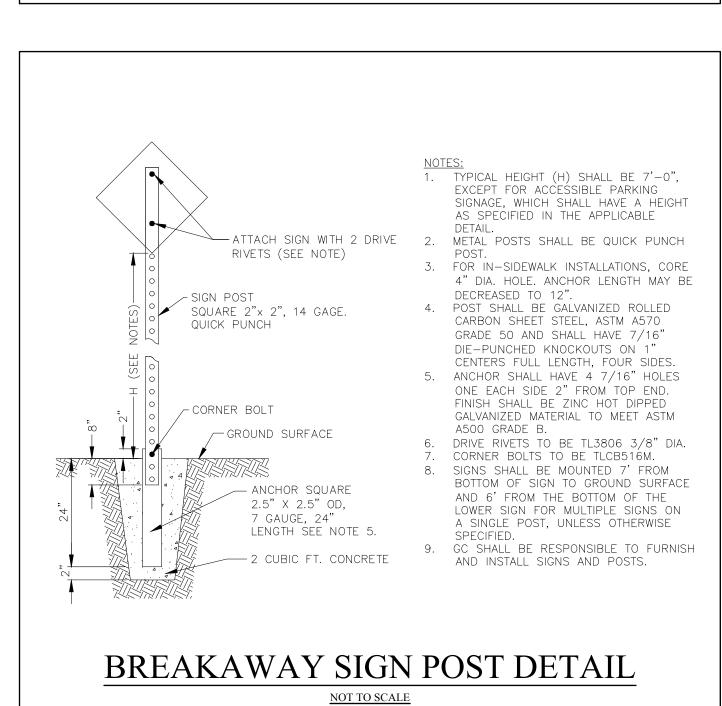
LEICESTER, MA 01524

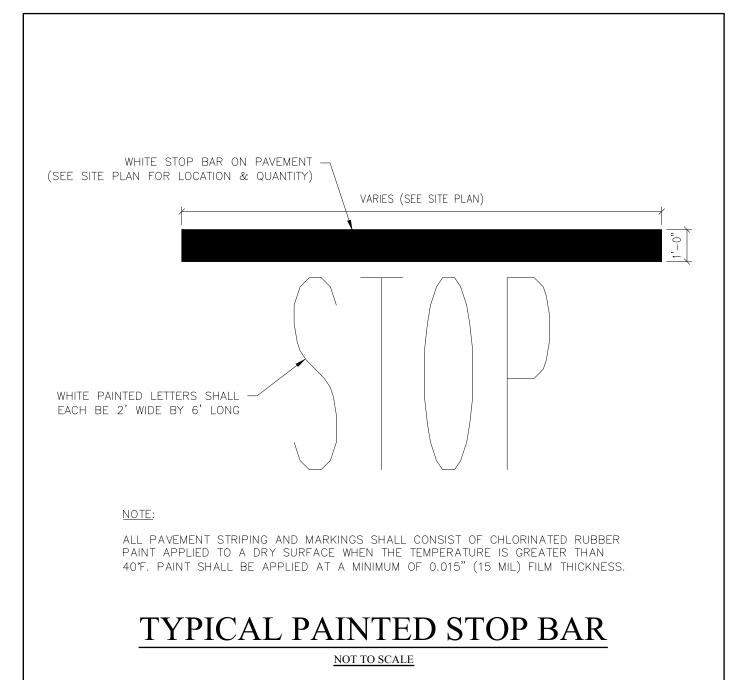
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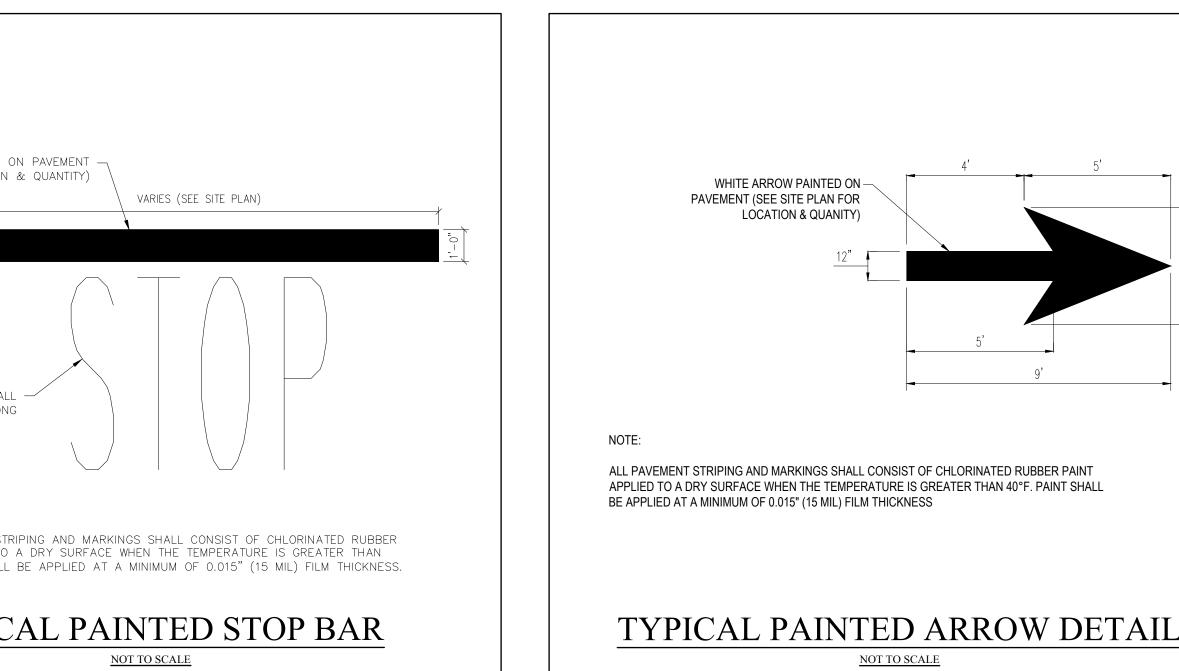
CONSTRUCTION

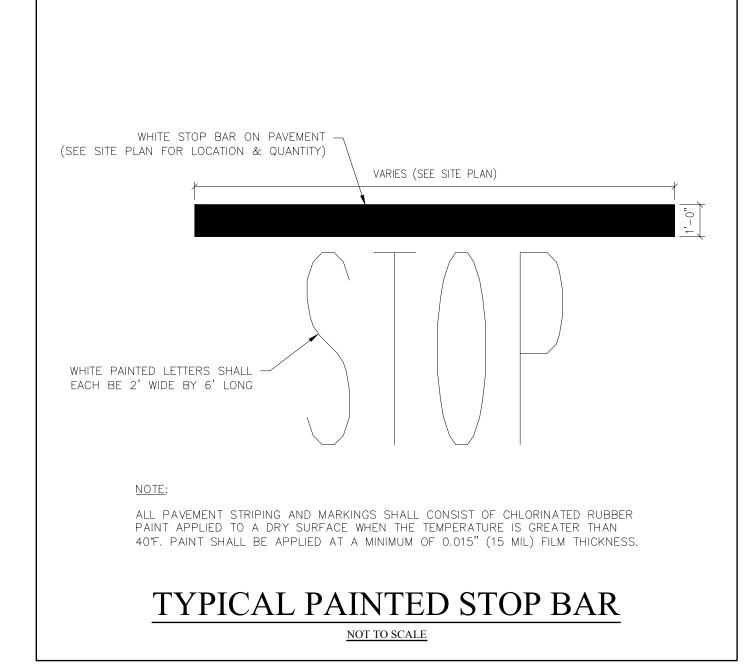
DETAILS

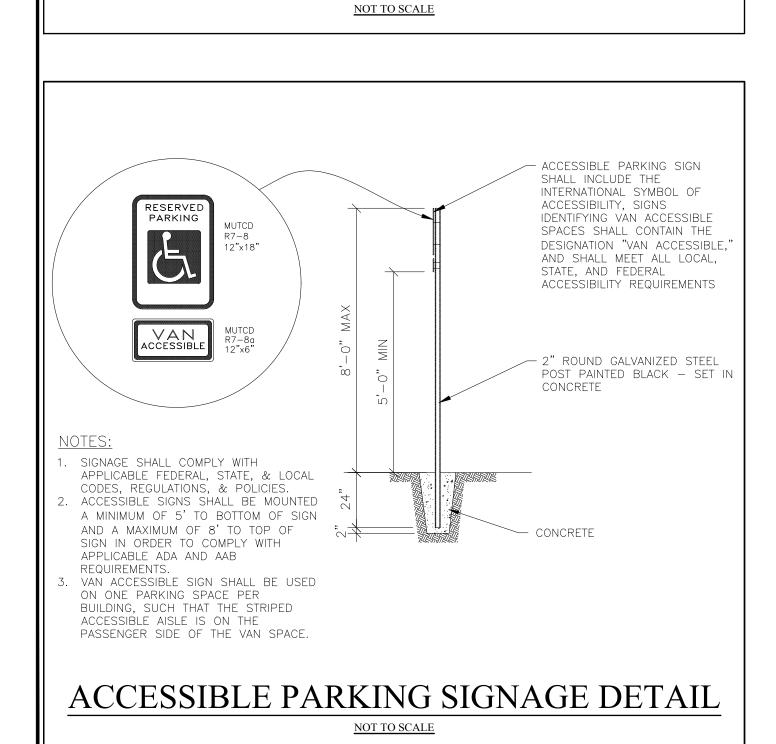
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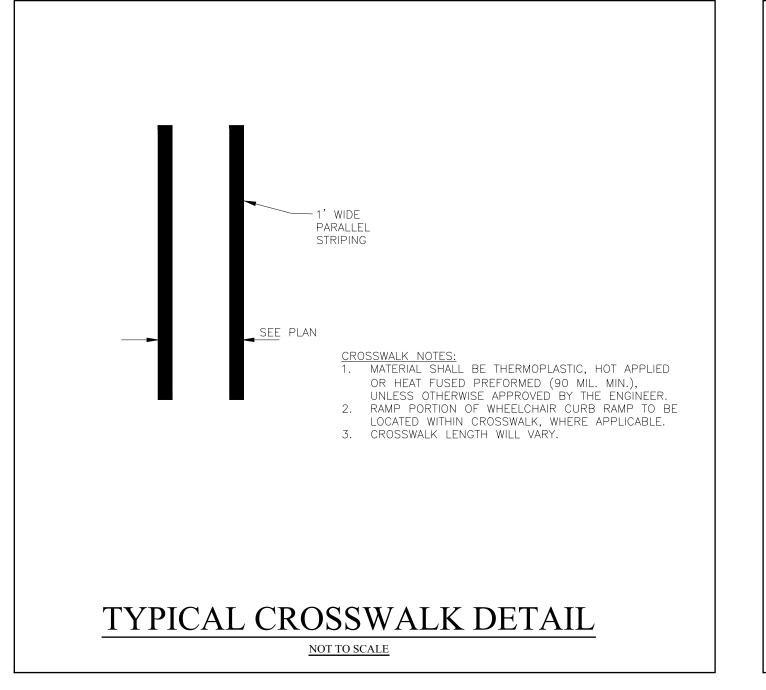


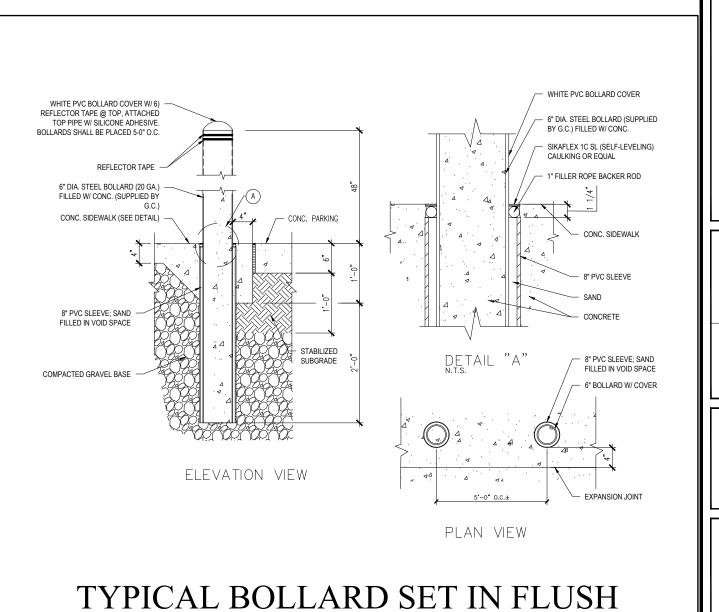




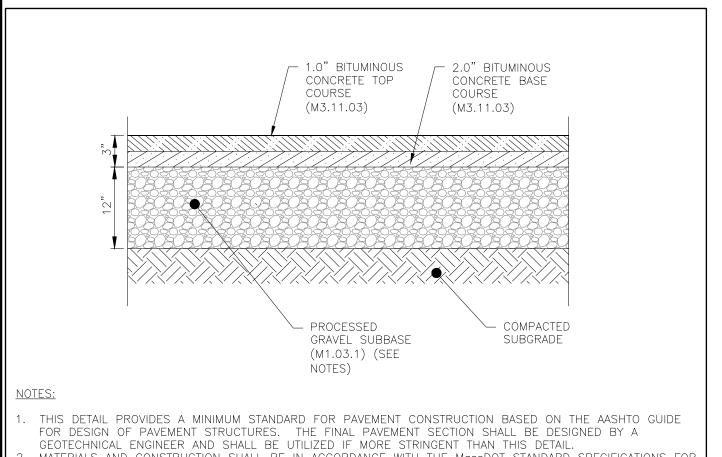
WOODEN GUIDE RAIL DETAIL







CONCRETE WALK DETAIL

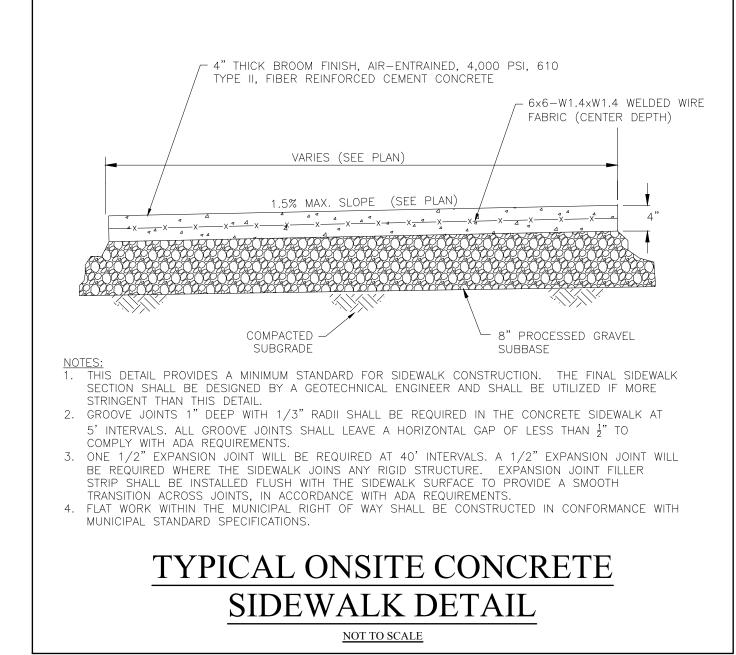


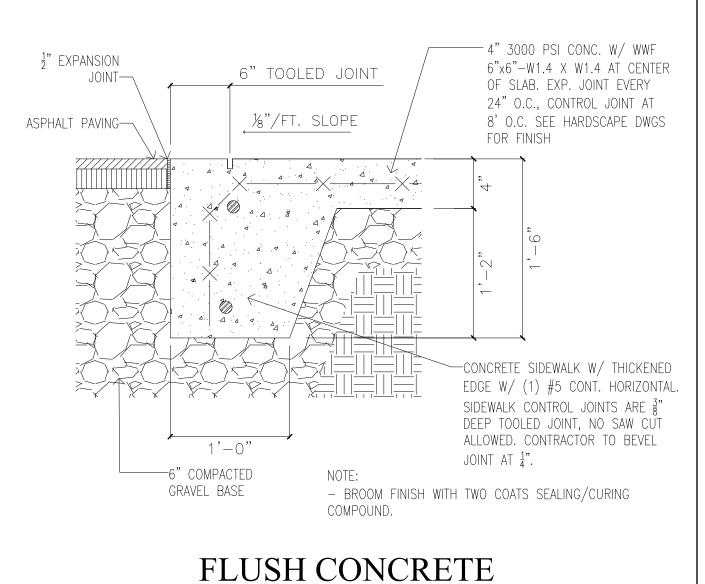
- MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MassDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
- THE SOIL MUST HAVE A MOISTURE CONTENT DRY OF OPTIMUM AS DETERMINED BY THE MOISTURE-DENSITY RELATIONSHIP TEST METHOD ASTM D1557. THE SOIL CAN BE COMPACTED TO 98% OF THE MAXIMUM STANDARD PROCTOR DENSITY AS DETERMINED BY MOISTURE-DENSITY RELATIONSHIP TEST METHOD ASTM D698. THE SOIL SHALL NOT BE USED IF THE MATERIAL CONTAINS ORGANIC MATTER, RUBBLE, DEBRIS OR ANY

OTHER DELETERIOUS MATERIAL.

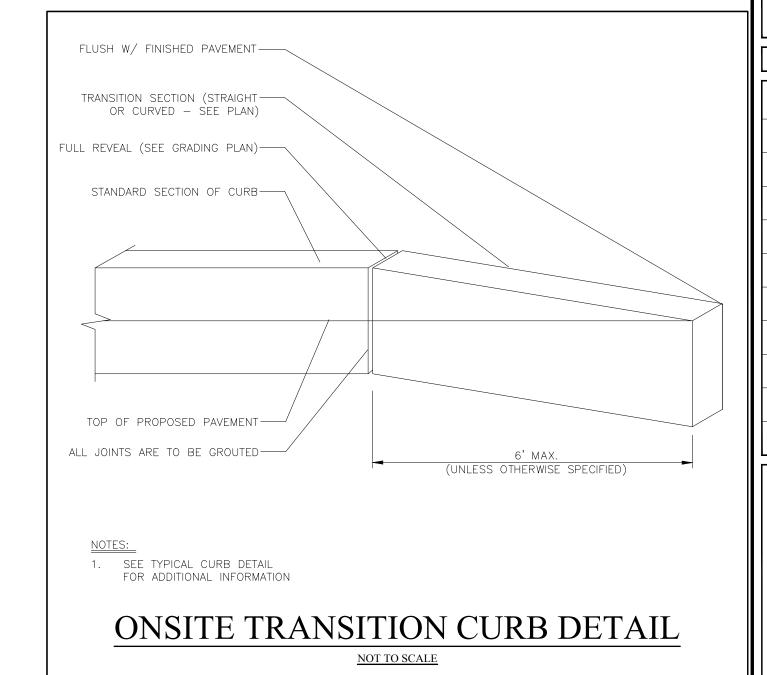
TYPICAL BITUMINOUS PAVEMENT DETAIL

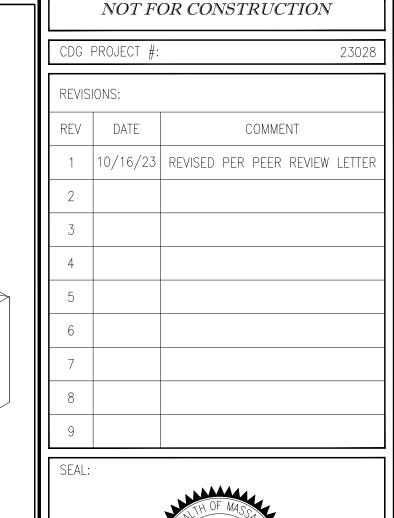
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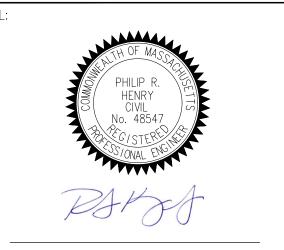




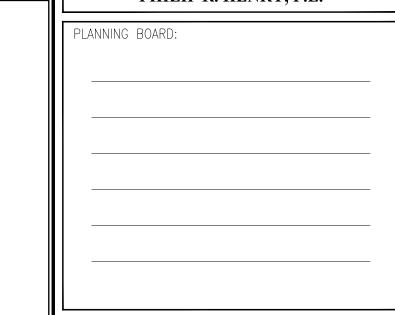
SIDEWALK/PARKING DETAIL NOT TO SCALE







PHILIP R. HENRY, P.E.



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PROPOSED RETAIL **DEVELOPMENT**

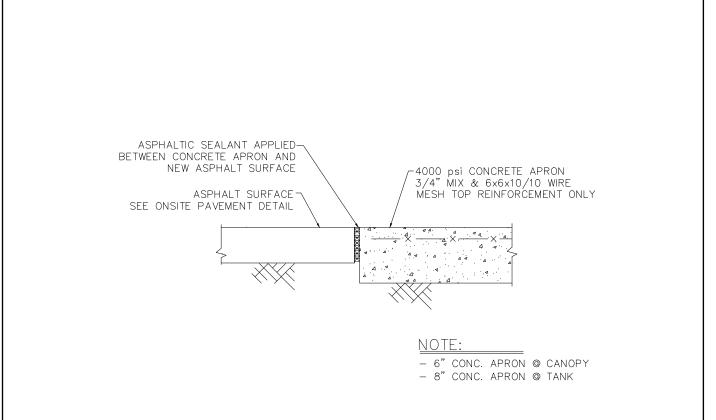
1621 MAIN STREET (RT-9) LEICESTER, MA 01524

AS NOTED

CONSTRUCTION

DETAILS

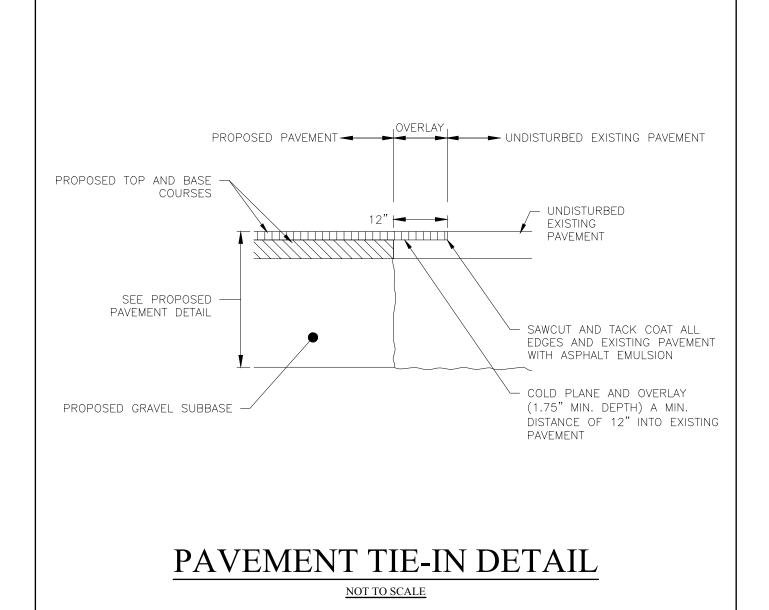
09/08/202



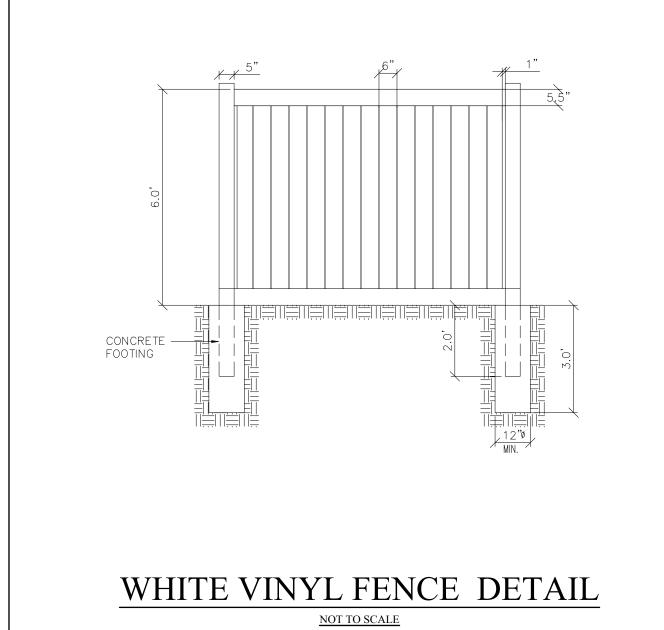
TYPICAL ASPHALT /CONCRETE TRANSITION DETAIL

NOT TO SCALE

NOT TO SCALE



1/4" x 1 1/2" DEEP MAX. SAWCUT FILLED/W — SIKAFLEX 1C SL (SELF LEVELING) CAULKING OR EQUAL 4000 psi CONCRETE APRON — 3/4" MIX & $6 \times 6 \times 10/10$ WIRE MESH TOP REINFORCEMENT ONLY LOCATE SAW CUTS AS SHOWN ON "DISPENSER APRON PLAN" - 6" CONC. APRON @ CANOPY - 8" CONC. APRON @ TANK CONCRETE SPECIFICATIONS: - SOIL BEARING CAPACITY REQ'D: AS PER GEOTECHNICAL REPORT - CONC. STRENGTH: 4000psi @ 28 DAYS 3% TO TROWELLED SMOOTH FINISH WITH TWO COATS SEALING/CURING COMPOUND. TYPICAL SAWCUT DETAIL NOT TO SCALE



PROPOSED DRIVEWAY PAVEMENT - OVERLAY UNDISTURBED EXISTING PAVEMENT

1.5" AND 2.5"PROPOSED

INTERMEDIATE COURSES,

SURFACE AND

RESPECTIVELY

SEE PROPOSED -

PAVEMENT DETAIL

" PROPOSED GRAVEL SUBBASE

NOTE: IF THE EXISTING ROADWAY IS THICKER THAN THE PAVEMENT SPECIFIED ABOVE, CONTRACTOR SHOULD MATCH EXISTING PAVEMENT

MASSDOT PAVEMENT TIE-IN DETAIL

NOT TO SCALE

1.75" SUPERPAVE SURFACE

SAWCUT AND TACK COAT ALL

WITH ASPHALT EMULSION

_INTERMEDIATE COURSE

3.5" SUPERPAVE BASE

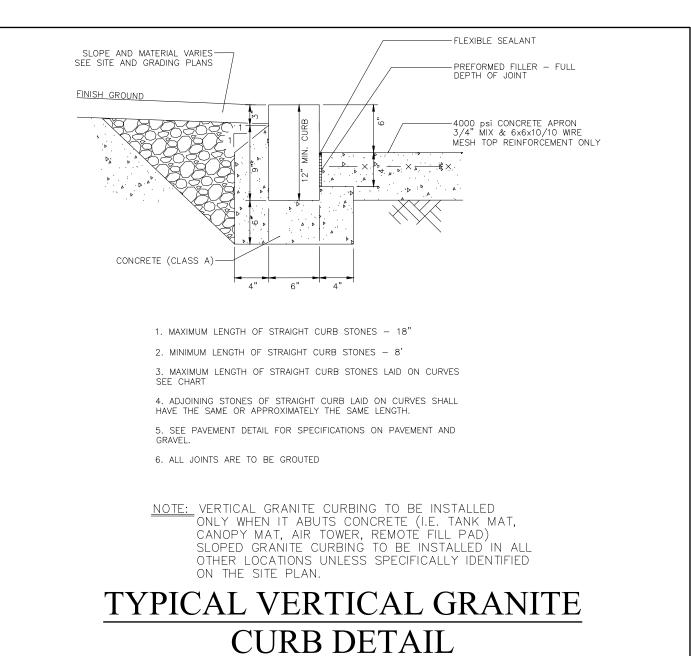
EDGES AND EXISTING PAVEMENT

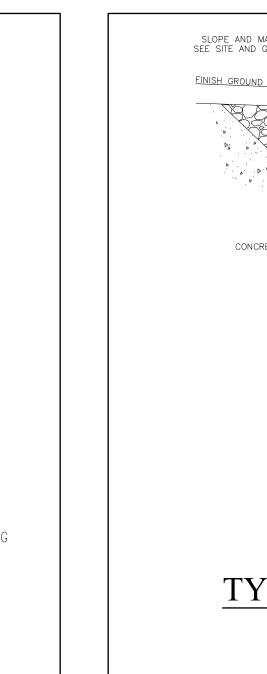
— UNDISTURBED

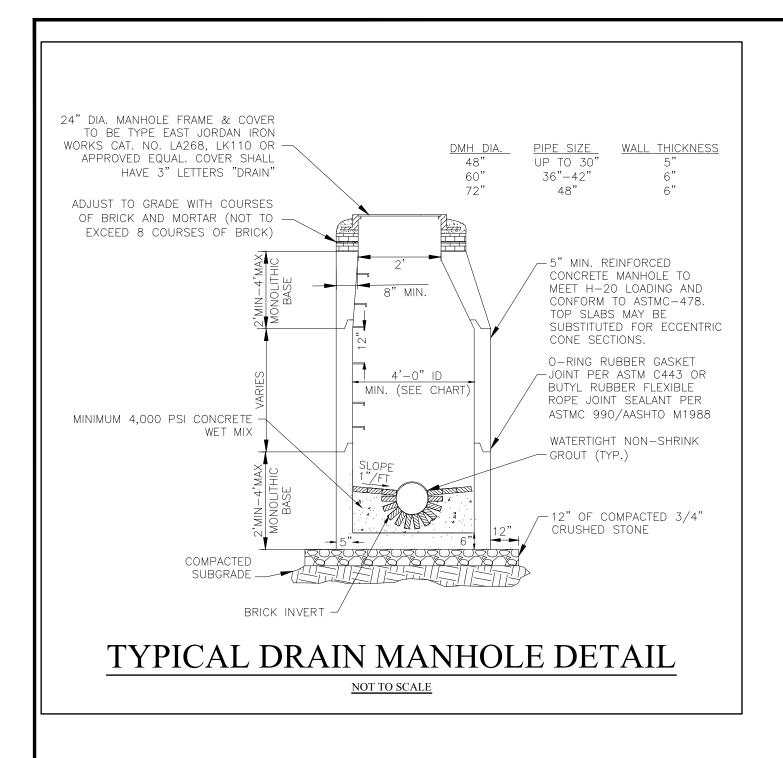
2.25" SUPERPAVE

EXISTING PAVEMENT

FLEXIBLE SEALANT PREFORMED FILLER-FULL 1/4"x1" DEEP SAW CUT DEPTH OF JOINT @ 8'-0" O.C. MAX. #5X12"LG GREASED ROD — -4" CONC. SIDEWALK -4" CONC. SIDEWALK @ 24"O.C. - WWF 6"x6"-W1.4 X W1.4 -WWF 6X6 -W1.4XW1.4 REINFORCING @ MID-DEPTH #5 BAR CONT -REINFORCING @ MID-DEPTH - 11 - 1 -6" COMPACTED -6" COMPACTED GRAVEL BASE GRAVEL BASE - CONTROL JOINTS @ 20'-0" O.C. MAX. REFER TO - TOOL JOINT SPACING REFER TO PLAN - BROOM FINISH WITH TWO COATS SEALING/CURING - BROOM FINISH WITH TWO COATS SEALING/CURING TYPICAL SIDEWALK TYPICAL SIDEWALK EXPANSION JOINT DETAIL CONTROL JOINT DETAIL







Inlet

A. Use a headloss K factor of 1.04 for hydraulic gradeline

calculations

B. Sump depths shown are minimums. Additional depth can be

outlet invert elevation. Inlet can be up to 12" lower than outlet i

F. Solid Cover shown. HydroStorm can be desiged with an inlet

from the unit once an oil depth of 2" or more is measured in the

recommended annually or once every 2 years.

I. Capacities are rounded down to nearest 5 gal or ft3

HydroStorm by Hydroworks, LLC

Patent Pending

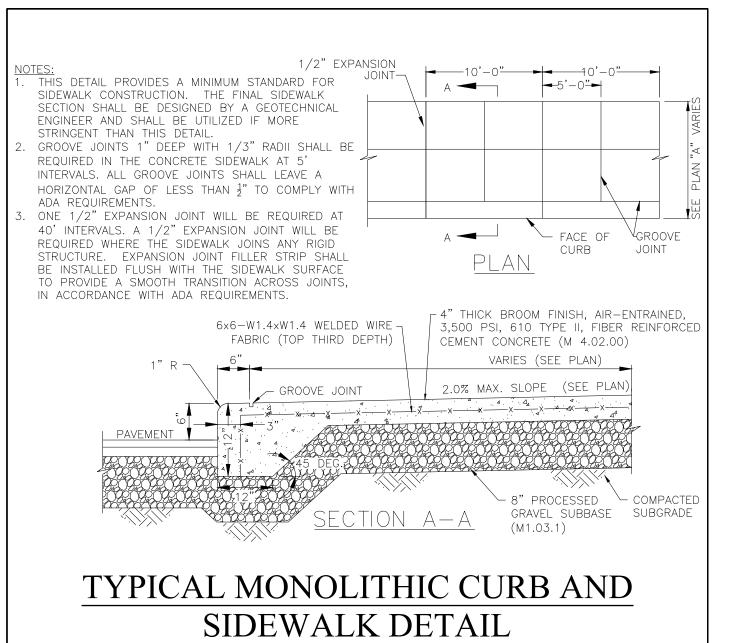
888-290-7900

www.hydroworks.com

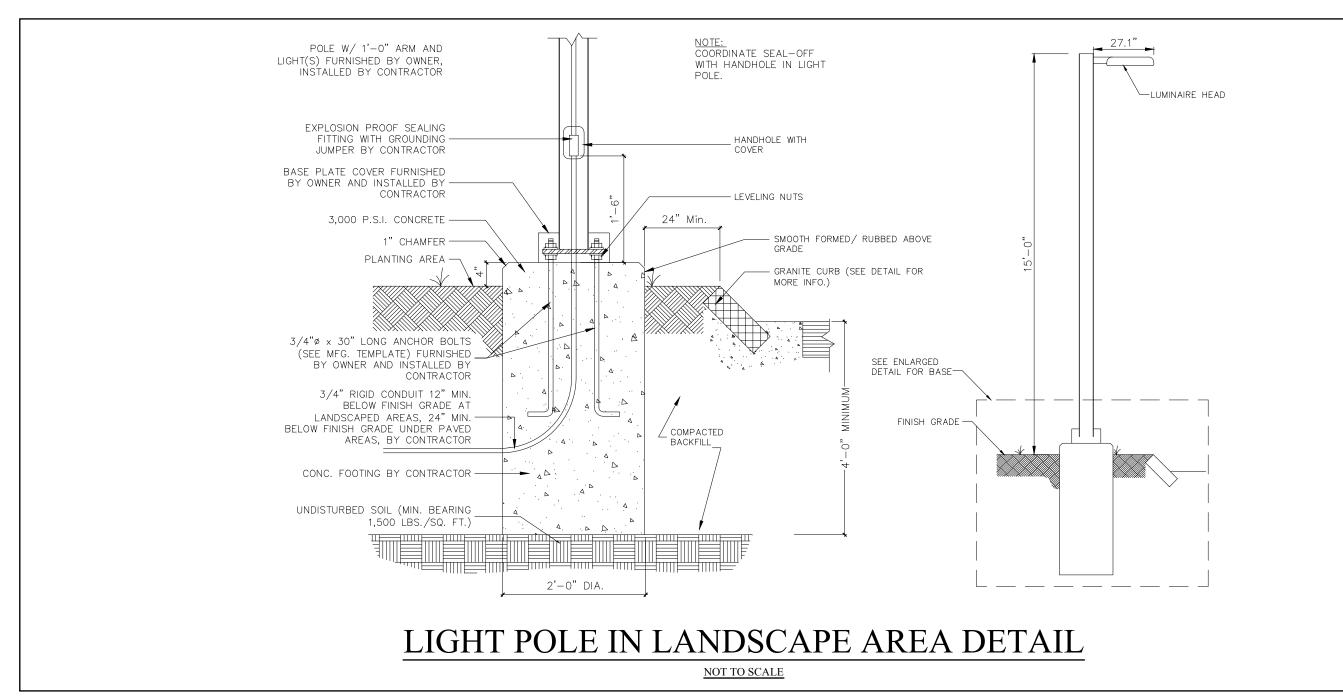
pretreatment area is omitted but 12" must be added to sump depti

Outlet

Hydroworks



NOT TO SCALE



ADJUSTABLE

FINISHED

WARNING

BACKFILL -

PLASTIC

SPACER -

5,000 PSI

CONCRETE —

TAPE

GRADE -

VALVE BOX

-FINISHED GRADE

----GATE VALVE

TYPICAL GATE VALVE DETAIL

"//4"//4"//4"//4"//4"//4"//4"

4" PVC

(TYP.)

CONDUIT -

TYPICAL ELECTRICAL/TELEPHONE/CABLE

DUCTBANK DETAIL

GATE VALVES SHALL CONFORM

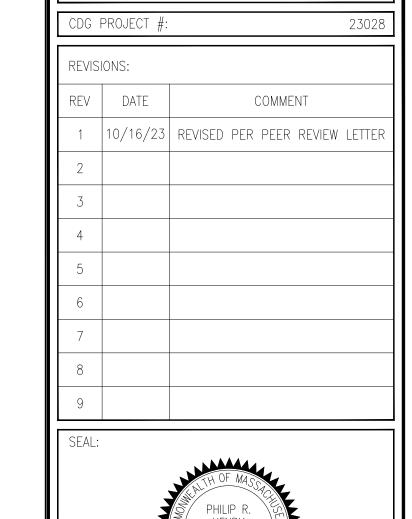
- WATER MAIN

NOTES:

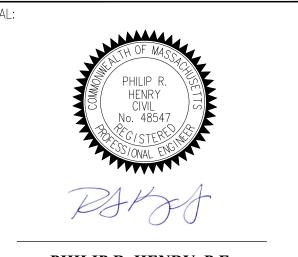
1. DUCT BANK TO BE CONSTRUCTED PER UTILITY COMPANY STANDARDS

IF DIFFERENT THAN THIS DETAIL.

TO AWWA STANDARD C-509



NOT FOR CONSTRUCTION



PHILIP R. HENRY, P.E.

PLANNING BOARD:

GROUP, LLC

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PREPARED FOR:

HY VENTURES LEICESTER, LLC

313 BOSTON POST ROAD WEST MARLOROUGH, MA 01752

PROPOSED RETAIL

DEVELOPMENT

1621 MAIN STREET (RT-9) LEICESTER, MA 01524

AS NOTED

CONSTRUCTION

DETAILS

09/08/202

SIDEWALK AT 5.0% - RAMP AT 8.3% MAX. MAX. RUNNING SLOPE RUNNING SLOPE AND 2.0% MAX. AND 2.0% MAX. CROSS SLOPE CROSS SLOPE 5.0' TYP. – LANDSCAPED AREA – FULL REVEAL TRANSITION -(LENGTH VARIES -SEE PLAN) MIN. 4'x4' LANDING -- LANDING AT 2.0% MAX. IN ANY DIRECTION CURBS AND WALKS ALONG ACCESSIBLE ROUTES SHALL MEET OR EXCEED THE APPLICABLE REQUIREMENTS SET FORTH IN THE FEDERAL AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES AND APPLICABLE STATE REGULATIONS. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 2.0% (0.5% MIN.). THE MAXIMUM ALLOWABLE RUNNING SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL I 4. THE MAXIMUM ALLOWABLE SLOPE OF RAMP AND WING SLOPES SHALL BE 8.3%. 5. MAINTAIN A MINIMUM OF 3 FEET CLEAR AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS ETC.) THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOW LINE OF THE CURB AND GUTTER. RAMP CONSTRUCTION SHALL CONFORM TO THE TYPICAL SIDEWALK SECTION. 8. ALL RAMPS SHALL BE CEMENT CONCRETE WITH BROOM FINISHED NON-SLIP SURFACE. TYPICAL ACCESSIBLE CURB RAMP (TYPE-1) DETAIL NOT TO SCALE

BE TYPE LEBARON FOUNDRY CAT. NO.

HARD RED BRICK COURSES AS -

NEEDED (MIN. OF 2 AND MAX.

PRECAST REINFORCED CONCRETE

OF 5 COURSES) TO BRING

ELEVATION

WET MIX

BRICK INVERT -

TYPICAL SANITARY MANHOLE TO BE 4 FEET IN DIAMETER.

MIN. BASE THICKNESS FOR 5'-0" DIAMETER MANHOLES).

UTILIZE FLAT TOP SECTION IF NEEDED FOR SHALLOW INSTALLATION.

8. FILL ALL LIFTING HOLES WITH NON-SHRINK GROUT AFTER INSTALLATION.

INNER EDGE OF BRICK TABLE TO BE AT ELEVATION OF CROWN OF TOP OF PIPE.

ALL INVERTS SHALL BE BUILT IN PLACE AFTER ALL PIPES HAVE BEEN INSTALLED.

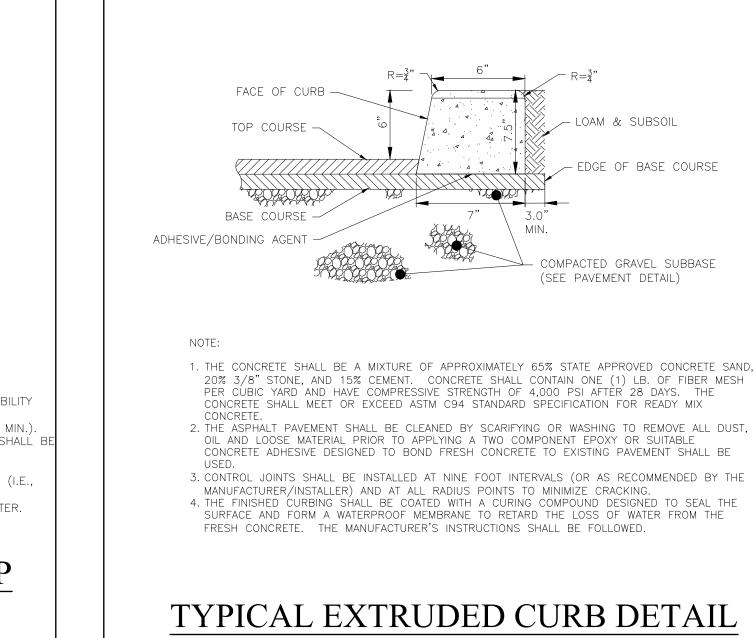
MANHOLE BARREL

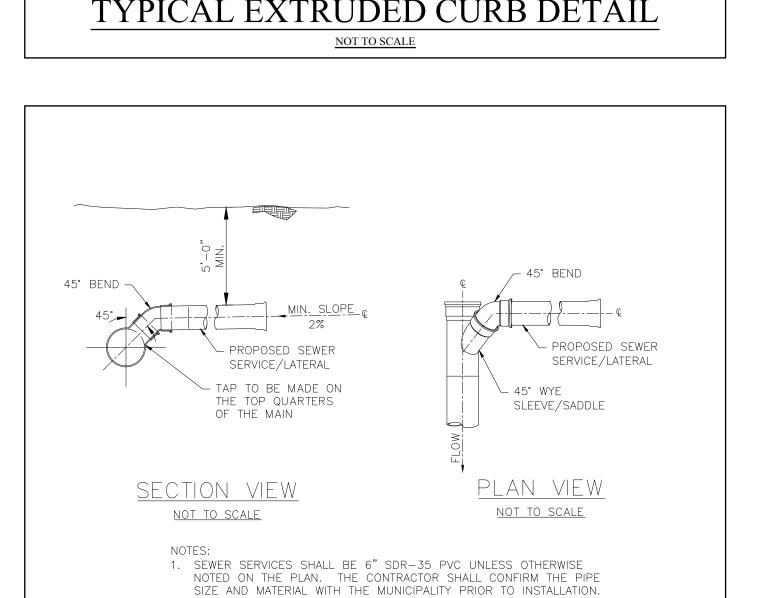
MANHOLE RIM TÓ REQUIRED

MINIMUM 4,000 PSI CONCRETE -

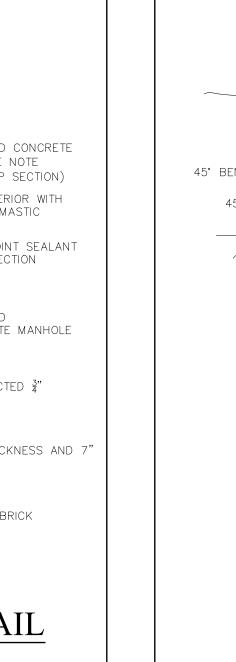
LK124 OR APPROVED EQUAL. COVER

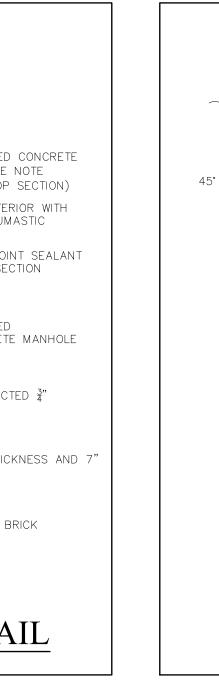
SHALL HAVE THE WORD "SEWER"





2. SEWER TAP AND LATERAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE MUNICIPAL REQUIREMENTS AND/OR STANDARDS. 3. SEWER LATERAL SHALL BE PITCHED AT 2.0% MINIMUM SLOPE UNLESS OTHERWISE INDICATED OR UNLESS OTHERWISE REQUIRED BY THE TYPICAL SEWER SERVICE **CONNECTION DETAIL**





- FINISHED GRADE

COATING

JOINTS

BASE AND SLAB

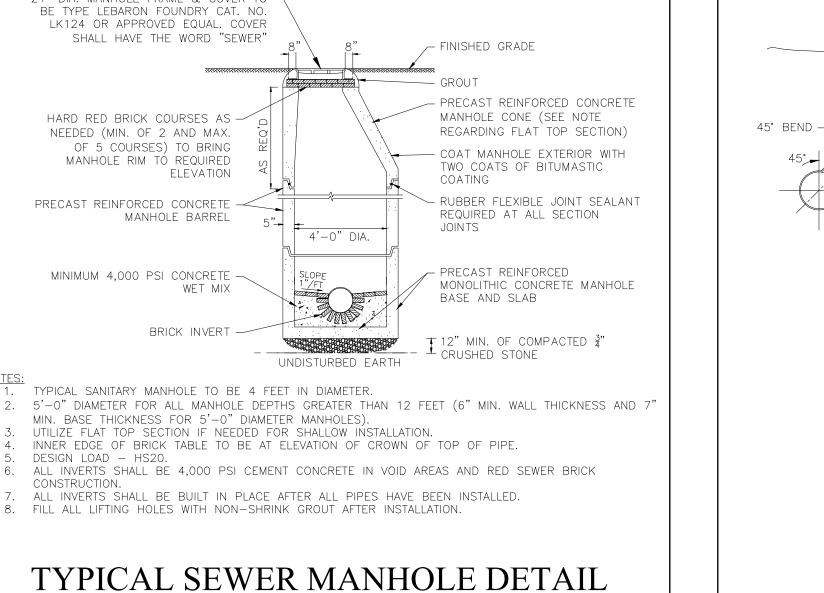
CRUSHED STONE

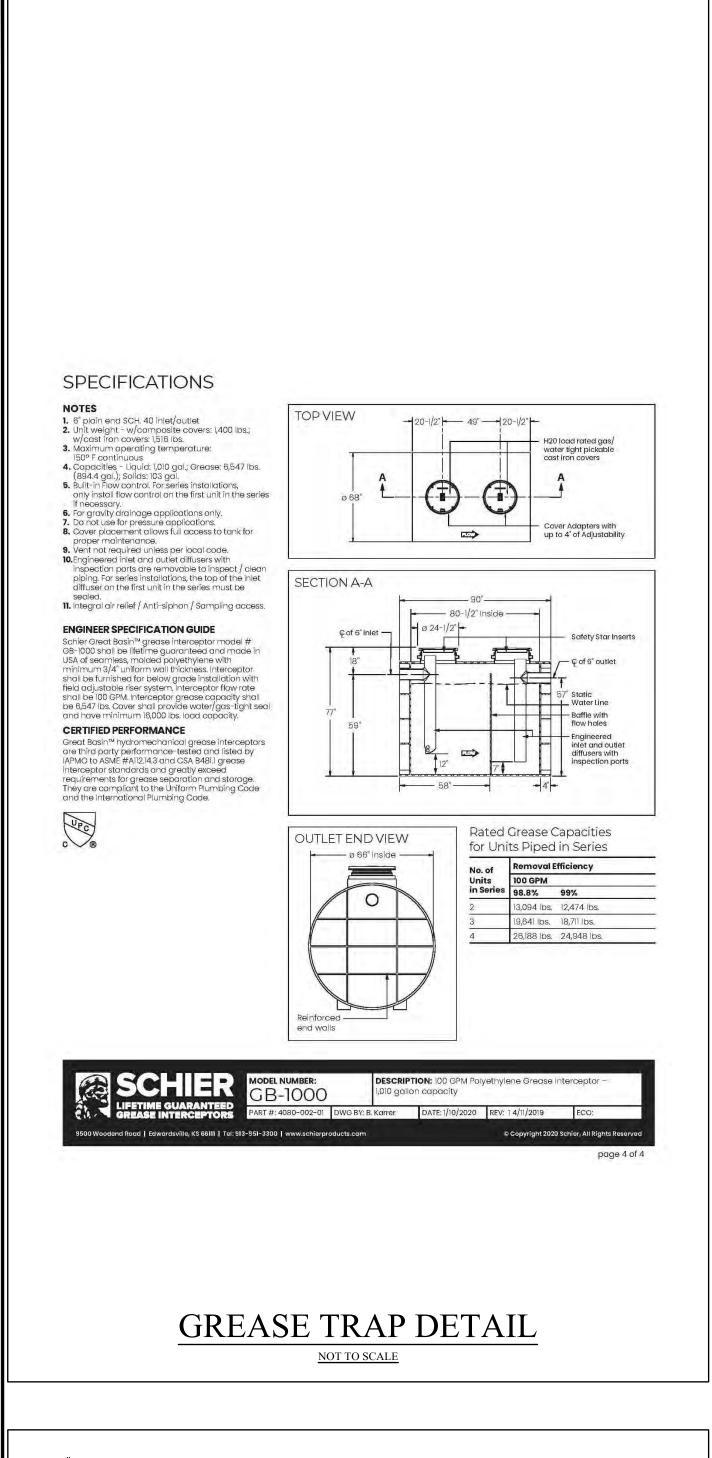
CATCH BASIN FRAME AND GRATE BY EAST JORDAN IRON WORKS, CAT. NO LF 248-2, LK 120A OR APPROVED 10" MIN. THICKNESS EQUAL. DOUBLE CATCH BASIN FRAME (H20 LOADING) AND GRATE SHALL BE EAST JORDAN IRON WORKS CAT NO. 5236. ADJUST TO GRADE WITH COURSES OF CLAY BRICK AND MORTAR OR PRECAST 4,000 PSI CONCRETE RINGS - 12" MAX ECCENTRIC CONE SECTION (TYP.) ALLOWABLE 18"-24" ADJUSTMENT. - WATERTIGHT JOINT - TONGUE AND GROOVE W/ BITUMINOUS SEAL WATERTIGHT NON-SHRINK 4' MIN. GROUT TYP. NOTES:
1. UTILIZE FLAT TOP SECTION **ELIMINATOR**~ WHERE NEEDED TO ACHIEVE PROPOSED RIM TO INVERT DIMENSION. CLASS 'AA' -2. ELIMINATOR CATCH BASIN OII CONCRETE 4,000 PSI -GRANULAR BACKFILL AND DEBRIS TRAP IS PRECAST CONCRETE MANUFACTURED BY GROUND TO CONFORM TO
ASTM C478 5" MIN. REINFORCED WATER RESCUE, INC. CONCRETE 3. CATCH BASIN DIAMETER FOR DOUBLE GRATES SHALL BE COMPACTED 3/4" 4. DOUBLE CATCH BASIN COVER SLAB TO BE CAST WITH 22" STONE x 48" OPENING TO _ NON-WOVEN ACCOMMODATE FRAME AND MIRAFI 140N OR 5. COVER SLAB TO MEET OR EXCEED H-20 LOADING. 6. DRAIN MANHOLES SPECIFIED FOR DEEP SUMPS ON THE PLAN SHALL USE THIS DETAI EXCEPT FOR THE FRAME AND

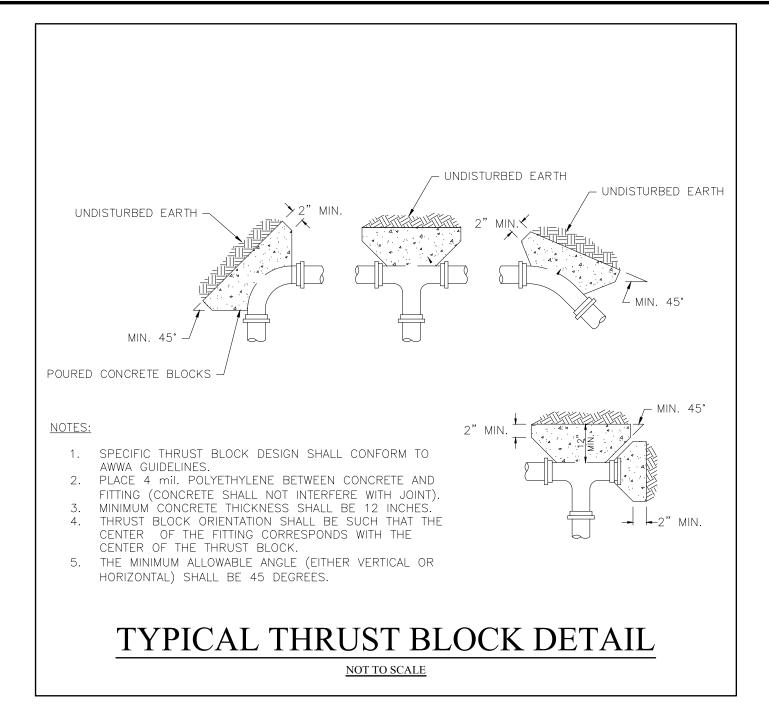
TYPICAL HYDROWORKS HS4 DETAIL

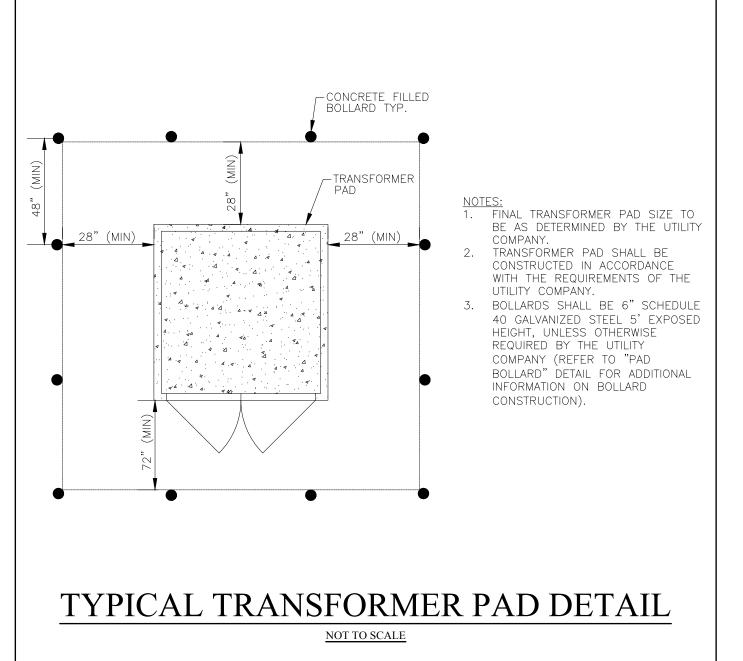
NOT TO SCALE

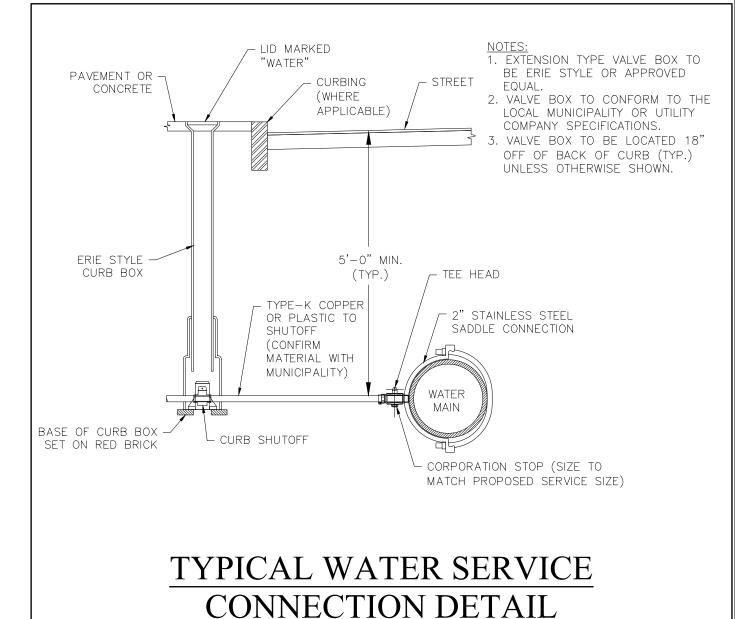
TYPICAL CATCH BASIN DETAIL NOT TO SCALE



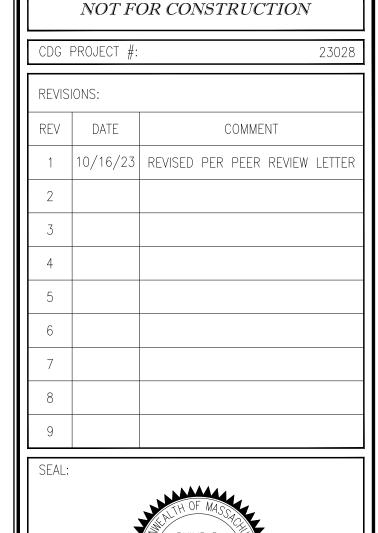


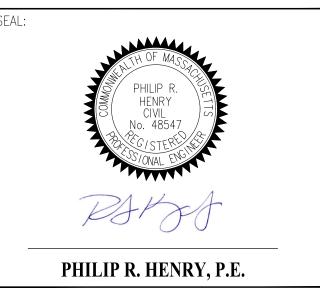


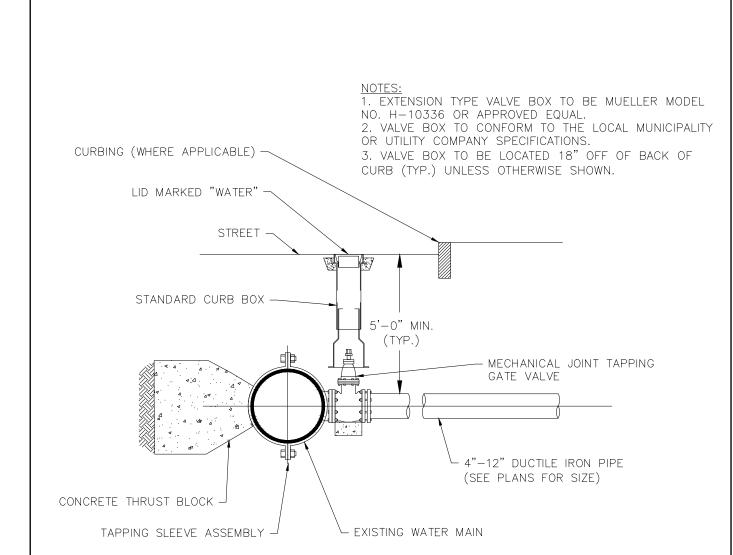




NOT TO SCALE







TAPPING SLEEVE CONNECTION DETAIL

TYPICAL PAD BOLLARD DETAIL

NOT TO SCALE

(SEE TYPICAL PAVEMENT

SECTION AS APPLICABLE)

- CONCRETE SHALL BE ROUNDED AT TOP TO

SCHEDULE 40 STEEL PIPE TO

BE FILLED WITH CONCRETE

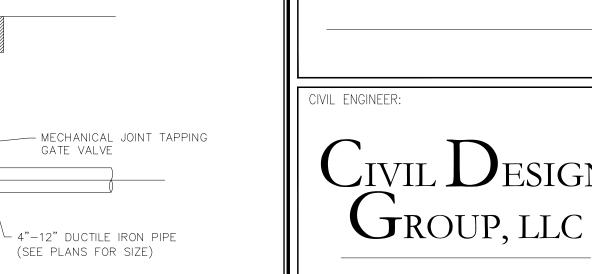
AS SPECIFIED BY OWNER)

FINISHED GRADE

AND PAINTED (COLOR TO BE

NOTE: This detail is applicable to the

SHED WATER



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PREPARED FOR:

PLANNING BOARD:

HY VENTURES LEICESTER, LLC

313 BOSTON POST ROAD WEST MARLOROUGH, MA 01752

PROPOSED RETAIL **DEVELOPMENT**

1621 MAIN STREET (RT-9)

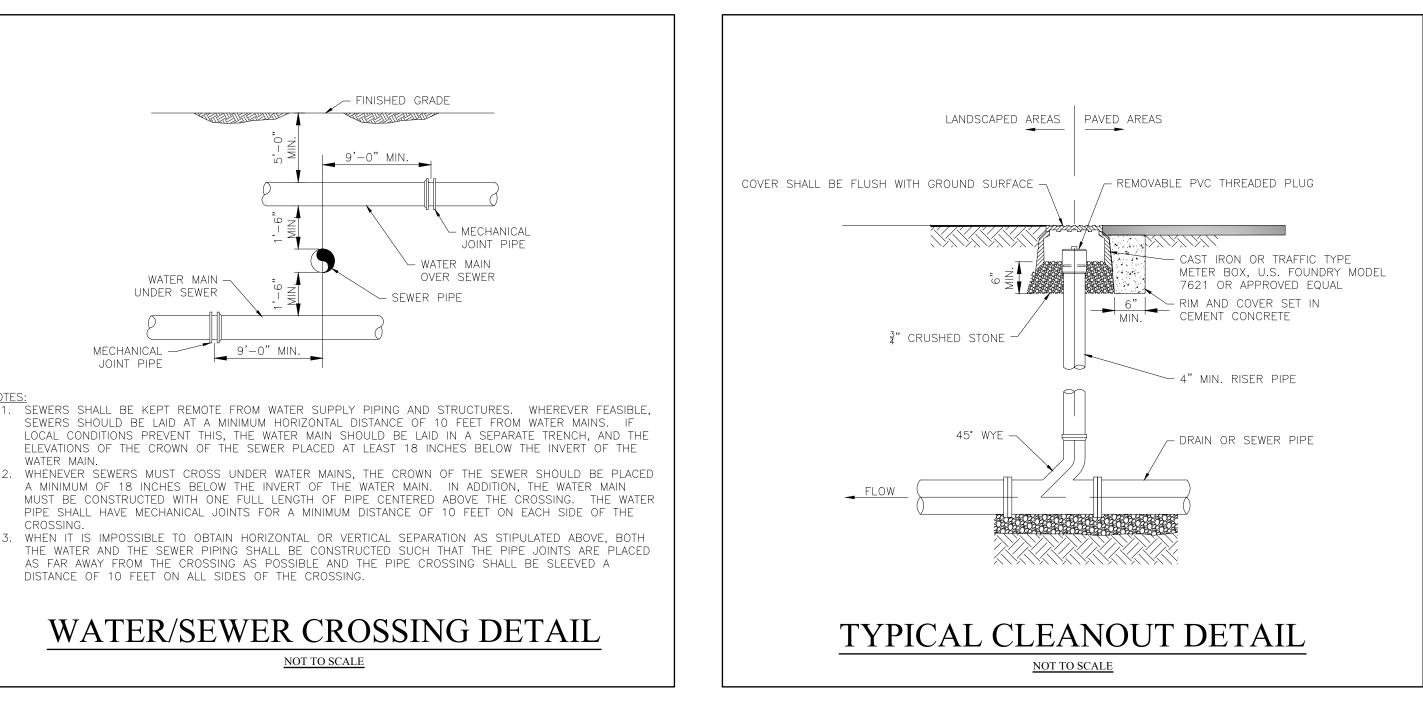
LEICESTER, MA 01524

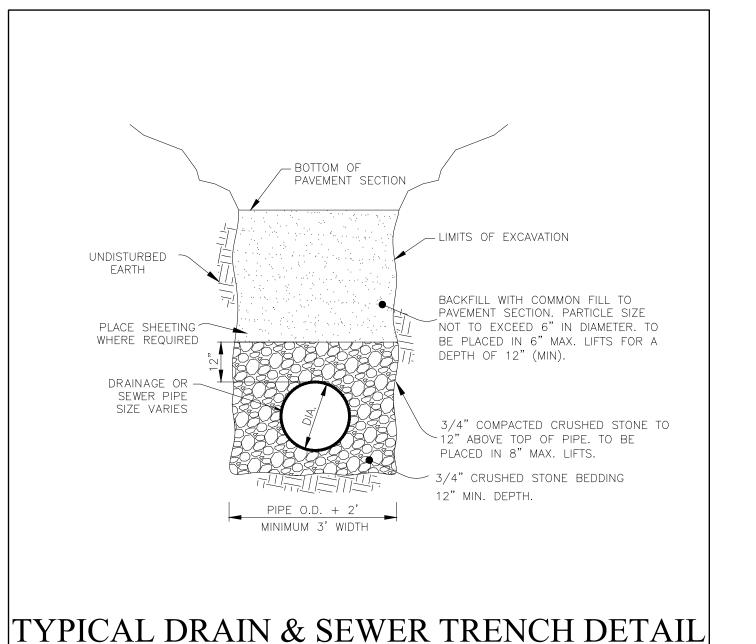
AS NOTED

CONSTRUCTION

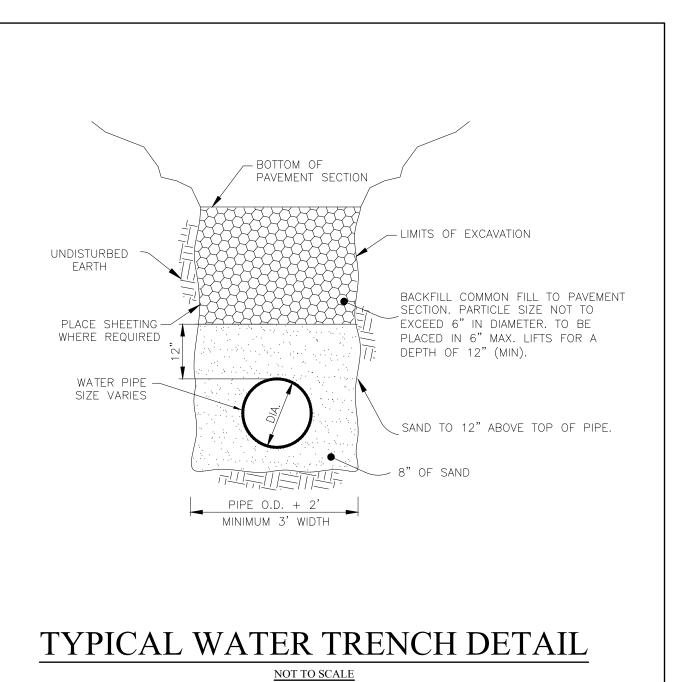
DETAILS

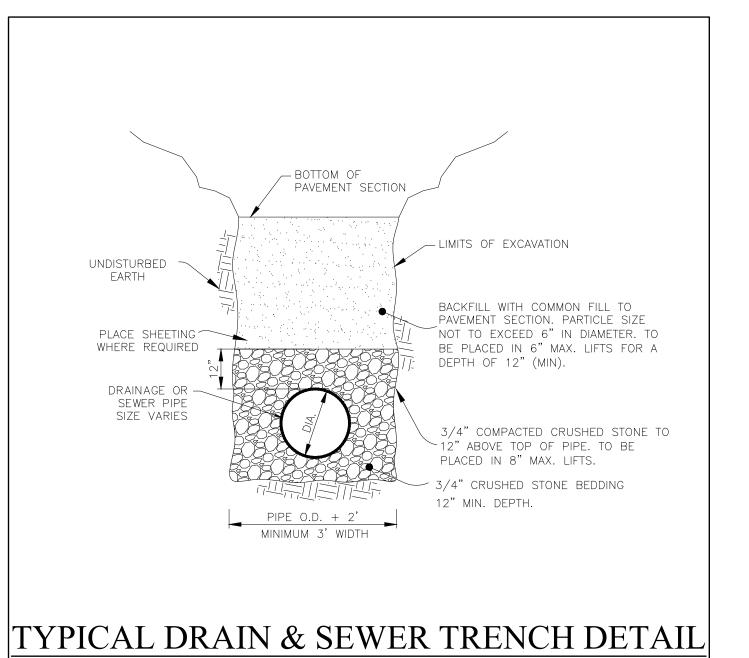
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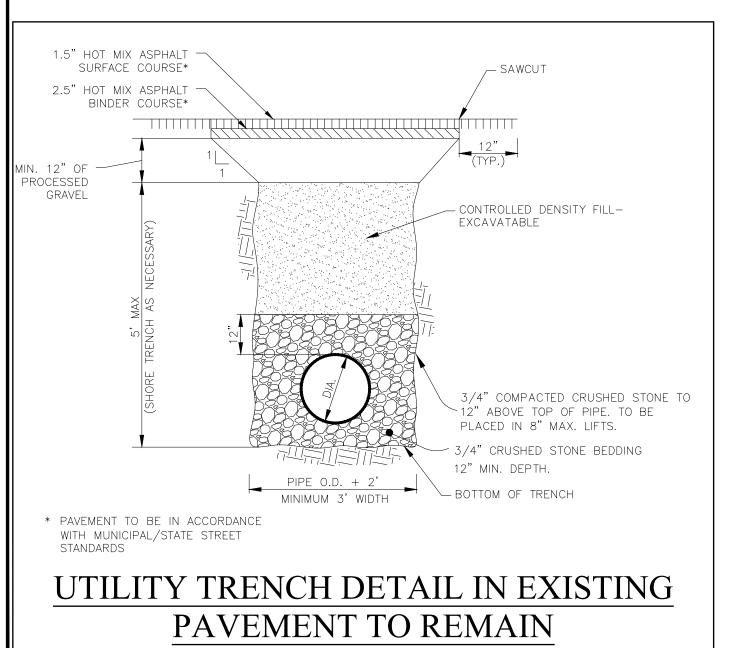


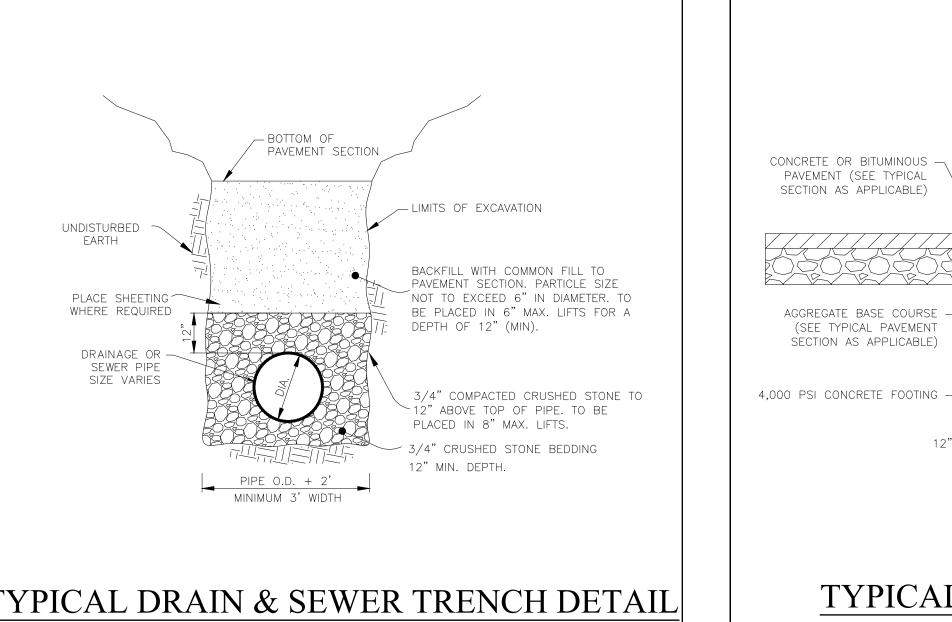


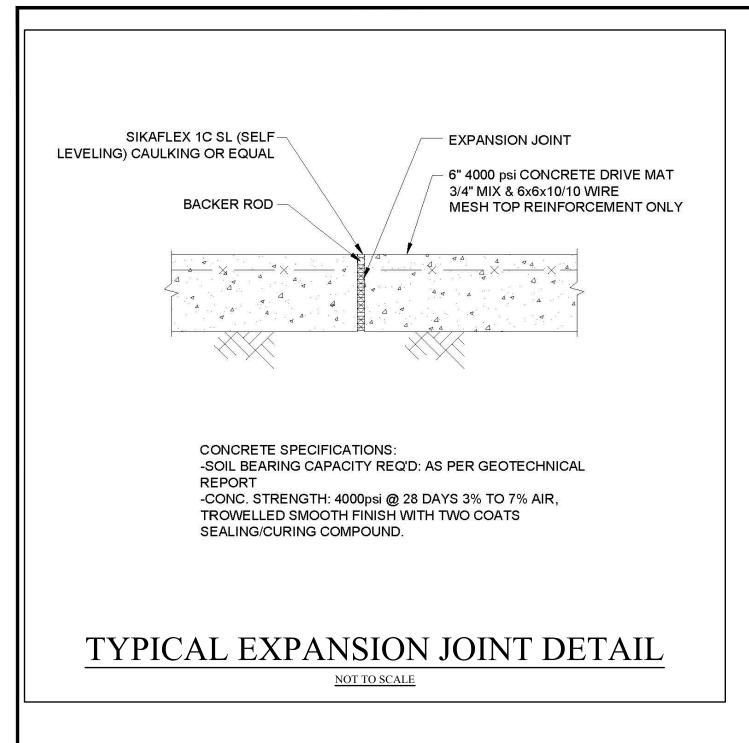
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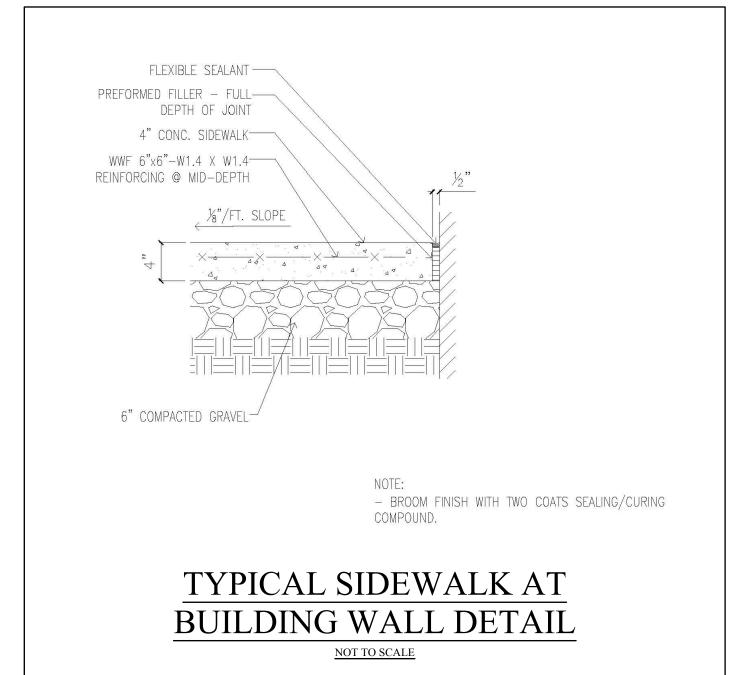


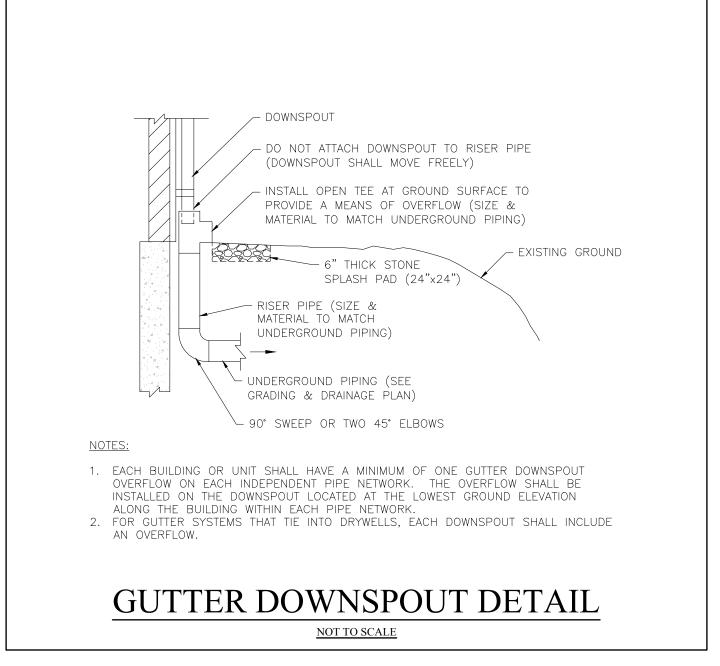


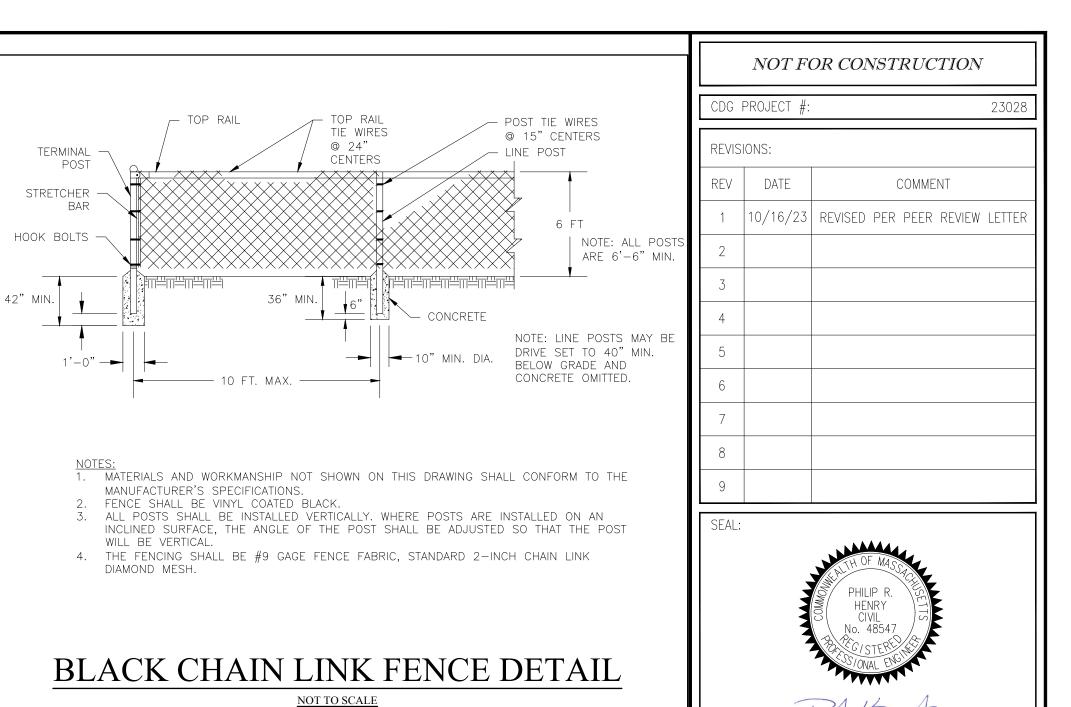


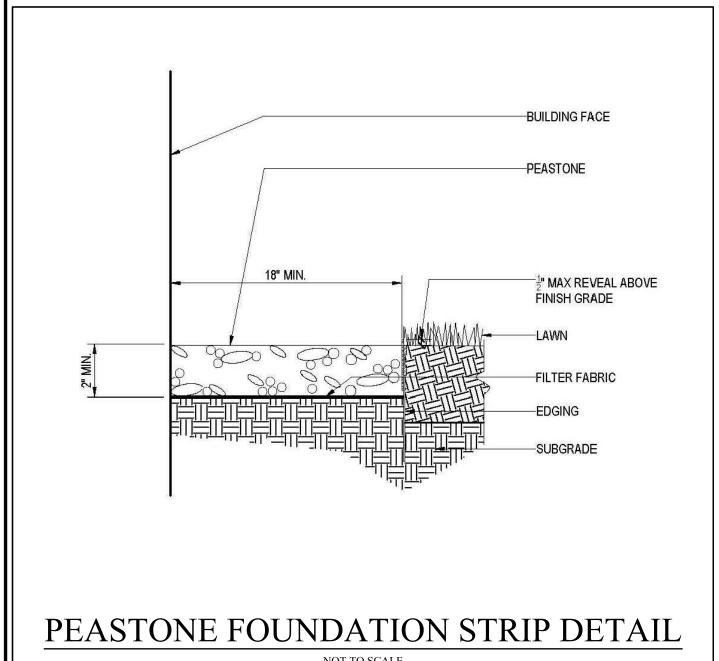




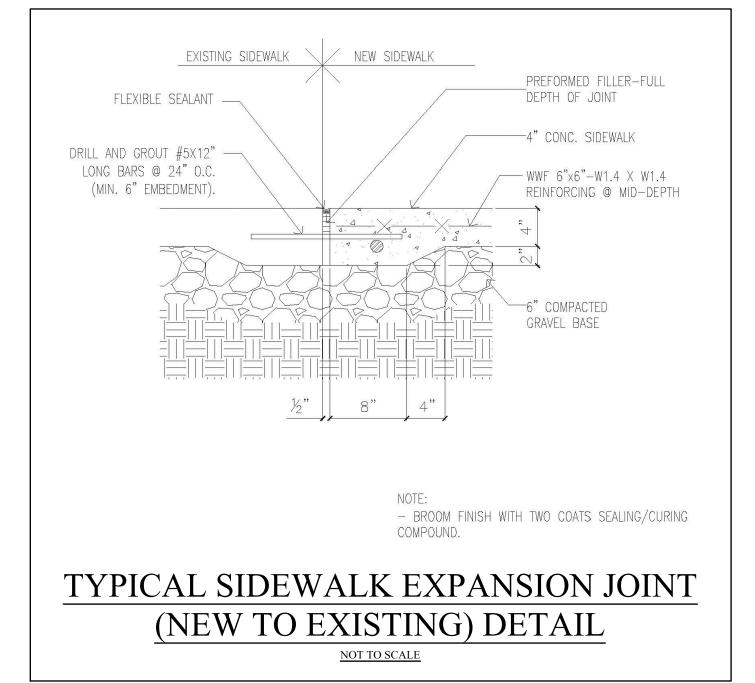


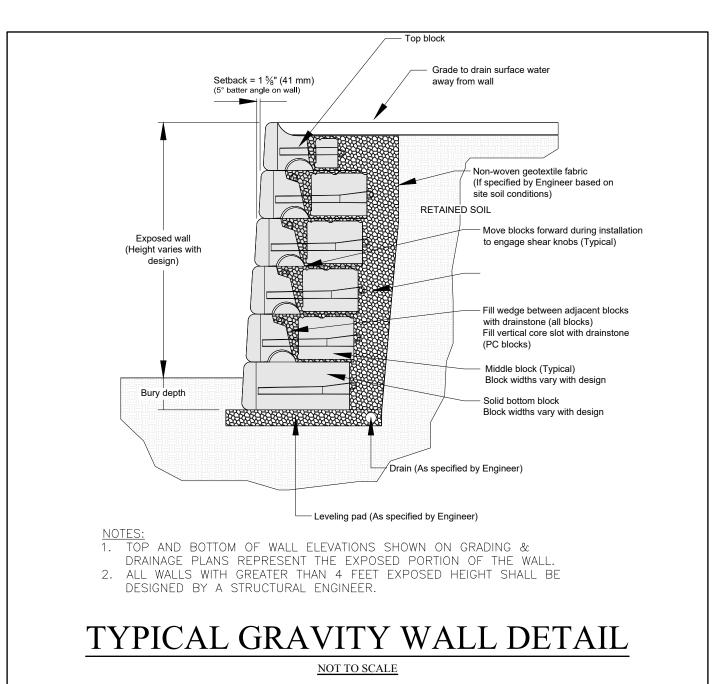


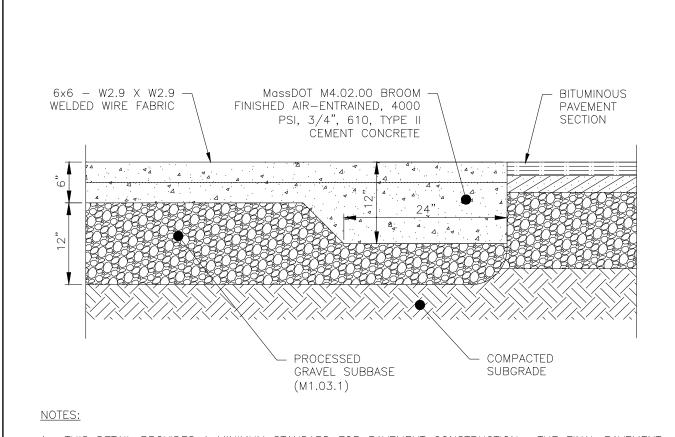




NOT TO SCALE







1. THIS DETAIL PROVIDES A MINIMUM STANDARD FOR PAVEMENT CONSTRUCTION. THE FINAL PAVEMENT SECTION SHALL BE DESIGNED BY A GEOTECHNICAL ENGINEER AND SHALL BE UTILIZED IF MORE STRINGENT THAN THIS DETAIL. 2. MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MassDOT STANDARD

- SPECIFICATIONS FOR HIGHWAYS AND BRIDGES. 3. RIGID PAVEMENT THAT ABUTS FLEXIBLE PAVEMENT SHALL MAINTAIN A 12" THICKNESS FOR THE OUTERMOST TWO FEET AS SHOWN.
 - TYPICAL CONCRETE PAD DETAIL

CIVIL DESIGN Group, LLC

PHILIP R. HENRY, P.E.

PLANNING BOARD:

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PREPARED FOR:

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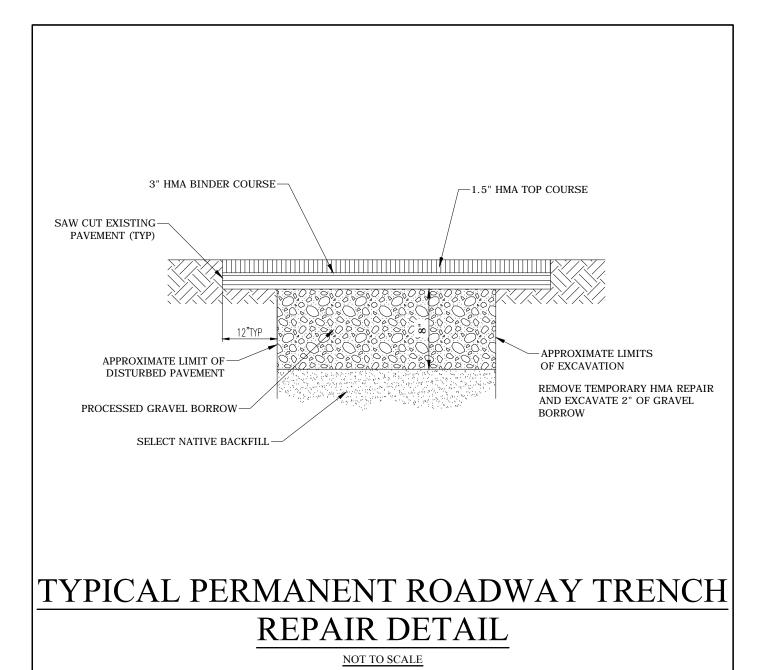
PROPOSED RETAIL **DEVELOPMENT**

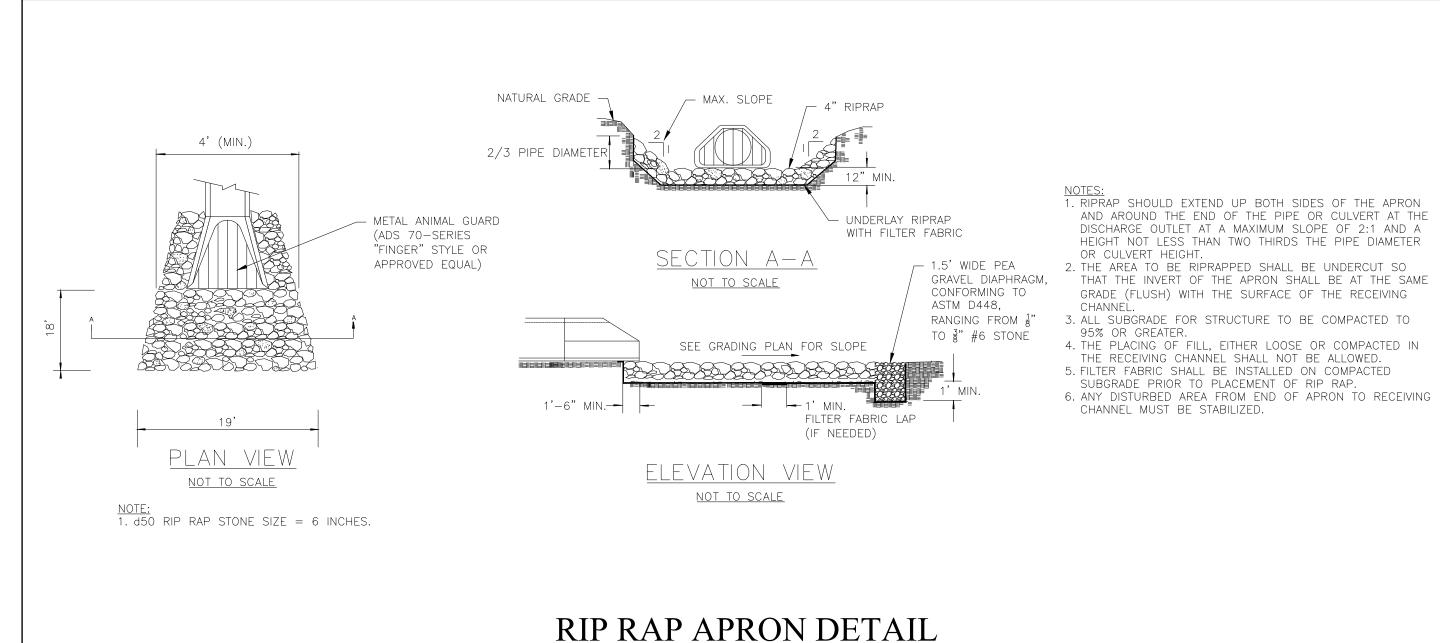
1621 MAIN STREET (RT-9) LEICESTER, MA 01524

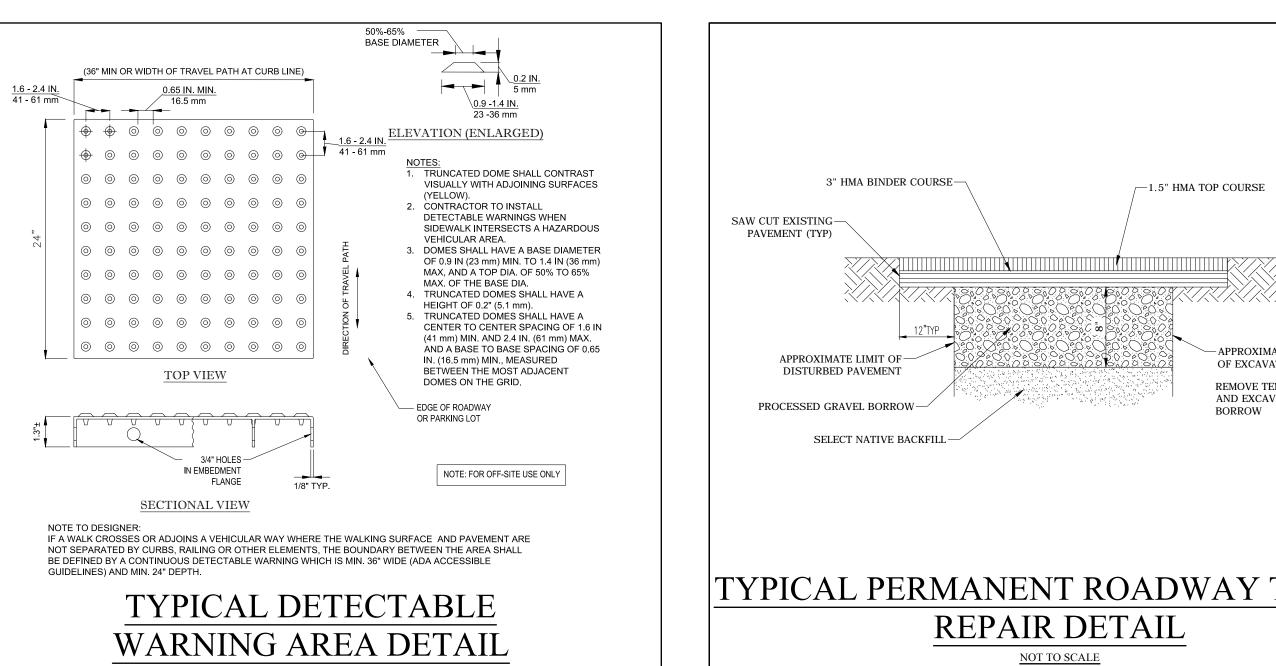
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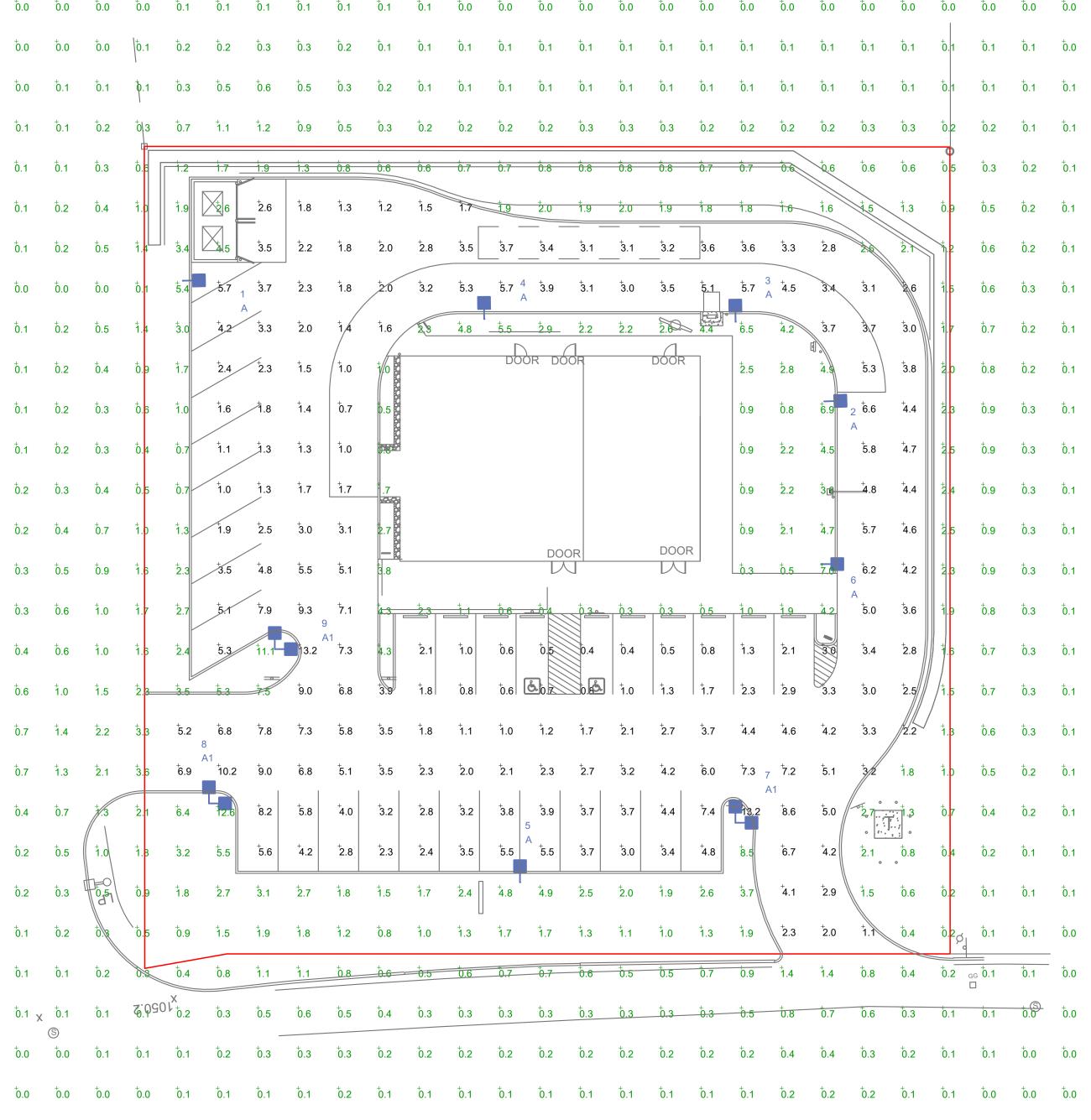
CONSTRUCTION DETAILS

09/08/202









- POLE MOUNTED FIXTURES ARE MOUNTED ON A 17FT POLE ATOP A 36 INCH HIGH CONCRETE BASE

LUMINAIRE LOCATION SUMMARY			
LUM NO.	LABEL	MTG. HT.	
1	A	20	
2	A	20	
3	A	20	
4	A	20	
5	A	20	
6	A	20	
7	A1	20	
8	A1	20	
9	A1	20	

MAIN STREET

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES										
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN					
PAVEDAREA	3.61	13.2	0.5	7.22	26.40					
UNDEFIND AREA	0.93	12.6	0.0	N.A.	N.A.					

LUMINAIRE SCHEE	LUMINAIRE SCHEDULE											
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURE	DESCRIPTION		
	6	A	Single	10450	1.000	B2-U0-G2	68	408	Cree Lighting	OSQ-ML-C-DA-XX + OSQM-C-11L-57K7-3M-UL-NM-XX-Q9		
₹	3	A1	2 @ 90 DEG	10450	1.000	B2-U0-G2	68	408	Cree Lighting	OSQ-ML-C-DA-XX + OSQM-C-11L-57K7-3M-UL-NM-XX-Q9		

REDLEONARD ASSOCIATES

1340 Kemper Meadow Dr, Forest Park, OH 45240 513-574-9500 | redleonard.com

DESCRIPTION

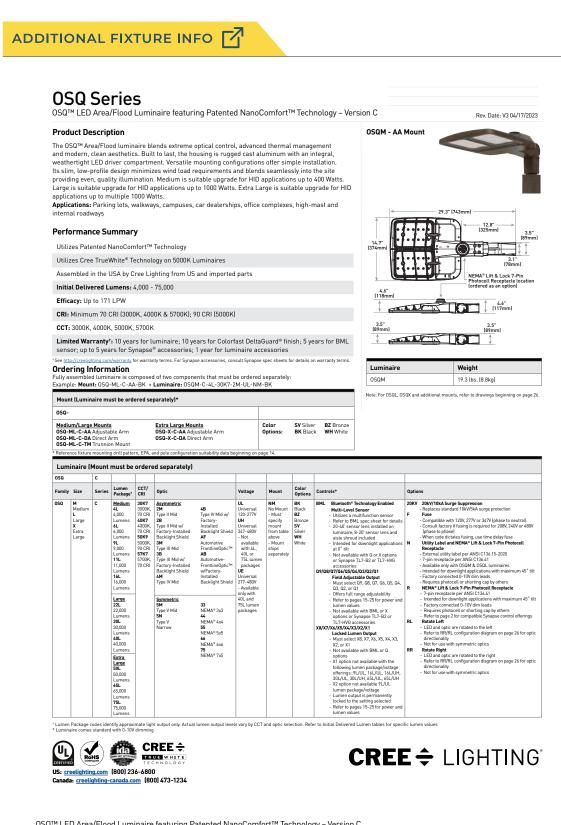
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SCALE: LAYOUT BY: 1" = 20' TAS DWG SIZE: DATE: 8/18/23 D

PROJECT NAME: STARBUCKS LEICESTER, MA DRAWING NUMBER: RL-9076-S1





QTY LABEL DESCRIPTION

AREA 6 A OSQ-ML-C-DA-XX + OSQM-C-11L-57K7-3M-UL-NM-XX-Q9

3 A1 OSQ-ML-C-DA-XX + OSQM-C-11L-57K7-3M-UL-NM-XX-Q9

OSQ™ LED Area/Flood Luminaire featuring Patented NanoComfort™ Technology – Version C

CREE LIGHTING NANOCOMFORT™ TECHNOLOGY

CREE TRUEWHITE® TECHNOLOGY

CONSTRUCTION & MATERIALS

Adjustable arm mount adapters are rugged die cast aluminium
 OSG-ML-C-Am ounts to a horizontal or vertical 2" [51mm] IP. 2.375" [60mm] 0.D. tenon and can be adjusted 180" in 2.5" increments
 OSG-X-C-Am ounts to a horizontal or vertical 2" [51mm] IP. 2.375-2.50" [60-64mm] 0.D. steel tenon and can be adjusted 180" in 5.0" increments. NOTE: Tenon length must be a minimum of 3.75" [95mm], and tenon must be steel
 Trunnion mount is constructed of A500 and A1011 steel and is adjustable from 0-180" in 15" degree increments. Trunnion mount secures to surface with I1 3/4" bott or [2] 1/2" or 3/8" botts.

es include 15" (381mm) 18/5 cord exiting the luminaire Designed for uplight and downlight applications. Uplight orientation not suitable for with N or R options

 Weight
 Housing Size
 Large
 Extra Large

 Direct Arm
 19.7 lbs. [8.9kg]
 28.8 lbs. [13.1kg]
 45.8 lbs. [20.8kg]

 Adjustable Arm
 19.3 lbs. [8.8kg]
 28.4 lbs. [12.7kg]
 48.6 lbs. [22.0kg]

 Trunnion
 23.2 lbs. [10.5kg]
 32.3 lbs. [14.7kg]
 N/A

ELECTRICAL SYSTEM
 Input Voltage: 120-277V, 277-480V or 347-480V, 50/60Hz, Class 1 drivers
 Power Factors > 0,9 at full load
 Total Harmonic Distortion: 20% at full load
 Integral 10kV/SkA surge suppression protection standard; 20kV/10kA surge suppression protection optional.

 When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current auoress inrusic current
Designed with 0-10V dimming capabilities. Controls by others
Refer to <u>Dimmina spec sheat</u> for details
Maximum 10V Source Current 1.8mA
Operating Temperature Range: -40°C - +40°C (-40°F - +104°F)

REGULATORY & VOLUNTARY QUALIFICATIONS

- CULUS Listed (UL1598)

- Suitable for wet locations

- Meets NEMA C82.77 standards

- Drivers and LEDs are UL certified in accordance with UL8750

- Meets requirements of IP64 per IEC 60529 when ordered without N or R options

- Certified to ANSI C136.31-2018, 38 bridge and overpass vibration standards

- ANSI C136.2 10W/SNA Lethandral and 20W/JNAC (optional) surge suppression protecties dei in accordance with IEEE/ANSI C82.41.2

- Most EFC Deat 15 Suikars B. C167.8 illigate for protection and capital departments.

tested in accordance with IEEE/ANSI 0x.2.41.2.

Meets FCC Part 15, Subpart B, Classa A limits for conducted and radiated emissions

Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient sa log conditions as defined in ASTM Standard B1.

Lens meets IK07 requirements per IEC 60088-2

Assembled in the USA by Cree Lighting from US and imported parts

Meets Buy American requirements within ARRA

RoHS compliant. Consult factory for additional details

Dark Six Friendly III A demonst when ordered with 30M CCT and direct arm mount only

 Dark Sky Friendly, IDA Approved when ordered with 30K CCT and direct arm mount only. Please refer to https://www.darksky.org/out-work/klighting/lighting-for-industry/fsa/fsa-products/ for most current information (Pending) CA RESIDENTS WARNING: Cancer and Reproductive Harm -

SYNAPSE® SIMPLYSNAP INTELLIGENT CONTROL

(Optional, for increased range, 8dB gain) KIT-ANT420SM KIT-ANT4205M

- Kit includes antenna, 20' cable and bracket
KIT-ANT360

- Kit includes antenna, 30' cable and bracket
KIT-ANT60

- Kit includes antenna, 50' cable and bracket
Refer to Outdoor antenna spec sheet for
details

ditions. accordance with IES TM-21, Reported values represent interpolated values bas to 6x the tested duration in the IES LM-80 report for the LED.

US: creelighting.com (800) 236-6800 Canada: creelighting-canada.com (800) 473-1234

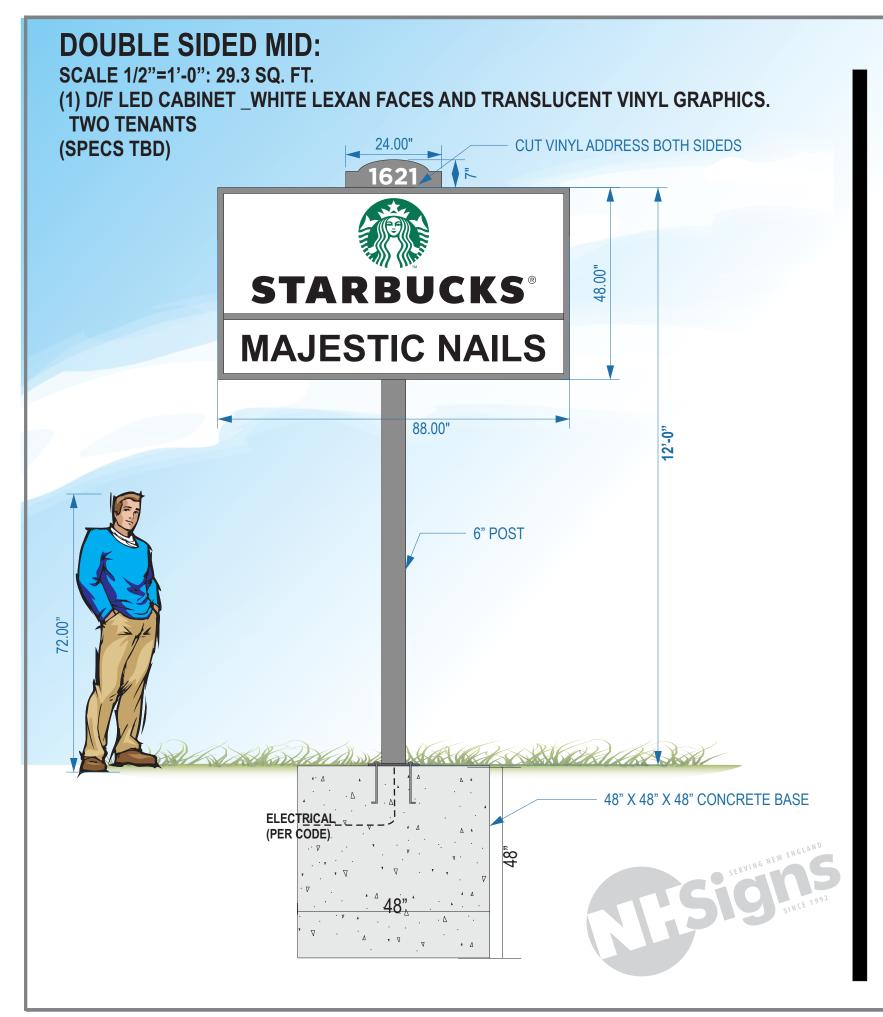
CREE \$ LIGHTING



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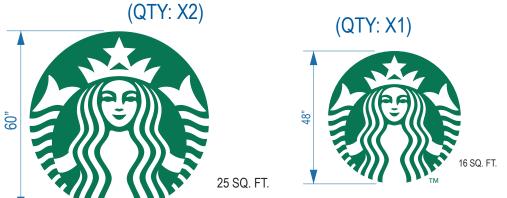




BUILDING SIGNAGE:

- (3) STARBUCK LOGO CHANNEL CANS (SPECS. TBD)
- (3) SETS "DRIVE THRU" CHANNEL LETTERS (SPECS. TBD)
- (3) SETS "MAJESTIC NAILS" CHANNEL LETTERS (SPECS. TBD)

APPROX SCALE" 3/8"=1'-0"



8" HEIGHT LETTERS (QTY: X3)

DRIVE THRU

ARTWORK REQUIRED BY CLIENT; APPROX AREA: 36" X 96" (QTY: X3)

MAJESTIC NAILS 23,7 SQ, FT 66 Gold Ledge Avenue,

66 Gold Ledge Avenu Auburn, NH 03032

> 603.437.1200 FAX 603.437.1222 www.nhsigns.com

- DESIGN
- MANUFACTURE
- INSTALL
- SERVICE Underwriters Laboratories, Intellectric Sign

CLIENT:

YATCO STARBUCKS LICESTER, MA MID

LOCATION:

1621 MAIN ST LICESTER, MA

DATE:

09/7/23

ACCT. REP:

DESIGNER:

KAREN DAVIS

ev# Date:

1. new fasica 9/7/23 2. new archit. dwg 9/11/23

FILE NAME LOC

LICESTER, MA MID & CL

Please Note: it is the customers responsibility to provide primary electrical service (including ground wi directly from panel box, to within six ft. of sign(s). Installation to comply with N.E.C.600

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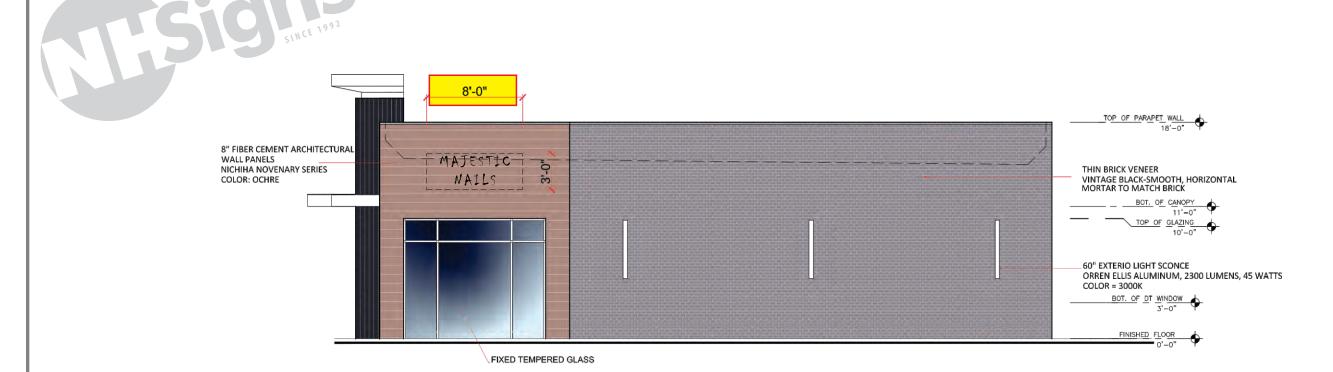
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PAGE: 1-r2

SEE PAGE 2 FOR BLDG LOCATION





NORTH-WEST FACADE



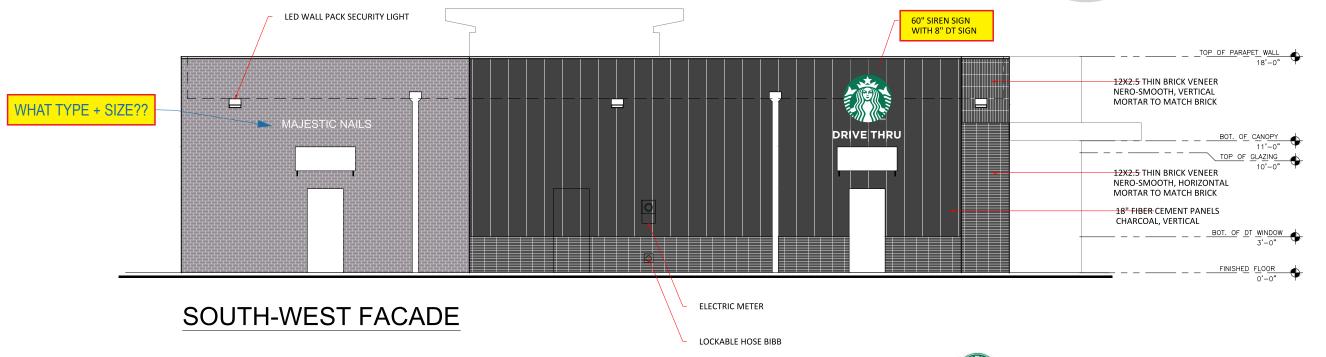
LICESTER, MA MID & CL

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SCALE: NTS | PAGE: 2-r2



SOUTH EAST FACADE



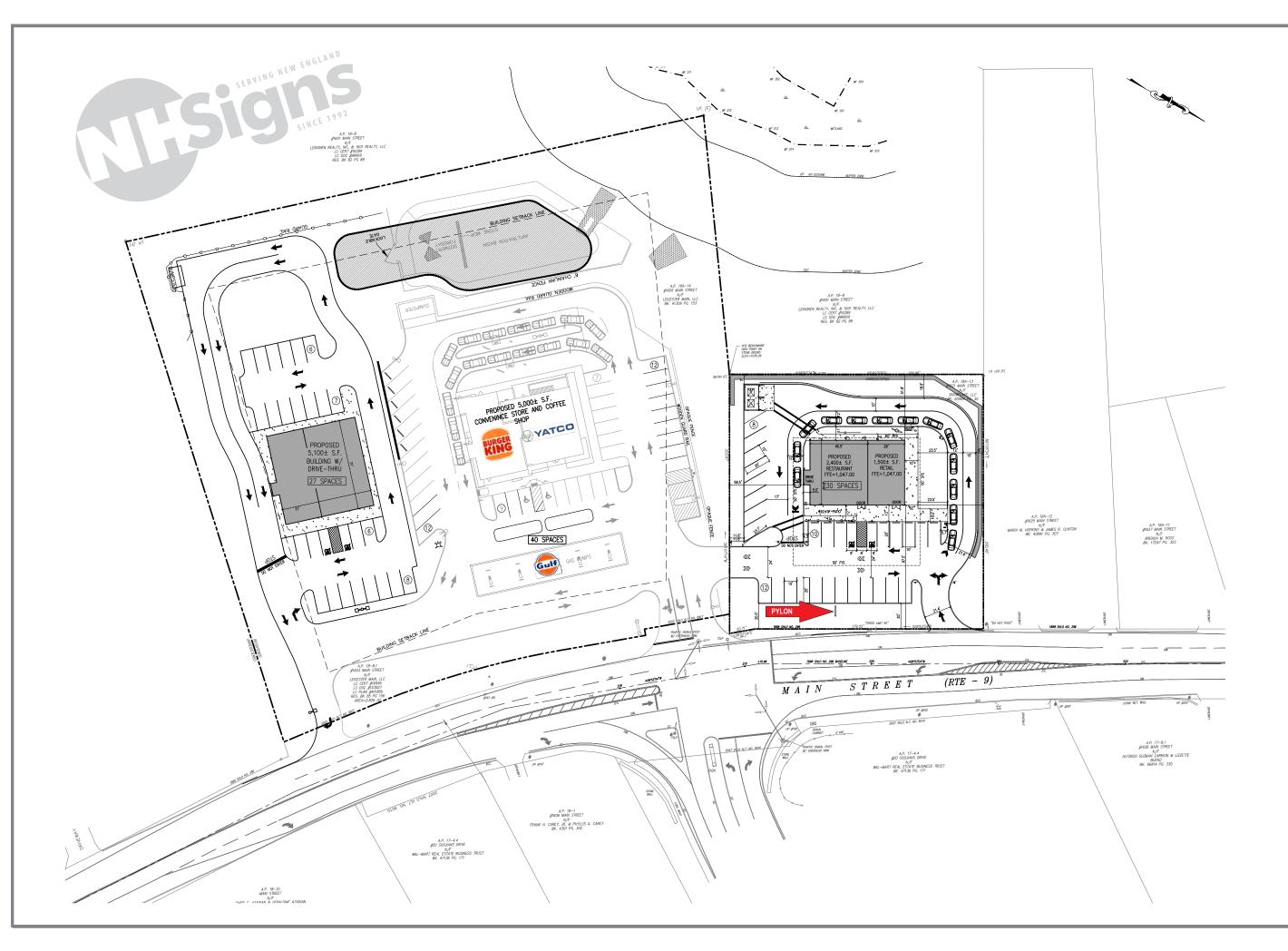
DRIVE

Signs SIRCE 1992 66 Gold Ledge Avenue, Auburn, NH 03032 603,437,1200 FAX 603.437.1222 www.nhsigns.com DESIGN MANUFACTURE INSTALL SERVICE UL Laboratories, Inc.
ELECTRIC SIGN **CLIENT:** YATCO STARBUCKS LICESTER, MA MID LOCATION: **1621 MAIN ST** LICESTER, MA DATE: 09/7/23 ACCT. REP: FP **DESIGNER:** KAREN DAVIS Rev# Date: 1. new fasica 2. new archit. dwg 9/11/23 FILE NAME LOC: YATCO STARBUCKS (1621

LICESTER, MA MID & CL

Please Note: it is the customers responsibility to ovide primary electrical service (including ground wirir directly from panel box, to within six ft. of sign(s). Installation to comply with N.E.C.600

SCALE: NTS | PAGE: 3-r2





66 Gold Ledge Avenue, Auburn, NH 03032

603.437.1200 FAX 603.437.1222 www.nhsigns.com

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- MANUFACTURE
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- SERVICE Underwriters Laboratories, Inc.

CLIENT:

YATCO STARBUCKS LICESTER, MA MID

LOCATION:

1621 MAIN ST LICESTER, MA

DATE:

09/7/23

ACCT. REP:

DESIGNER:

KAREN DAVIS

Rev# Date:

1. new fasica 9/7/23 2. new archit. dwg 9/11/23

FILE NAME LOC:

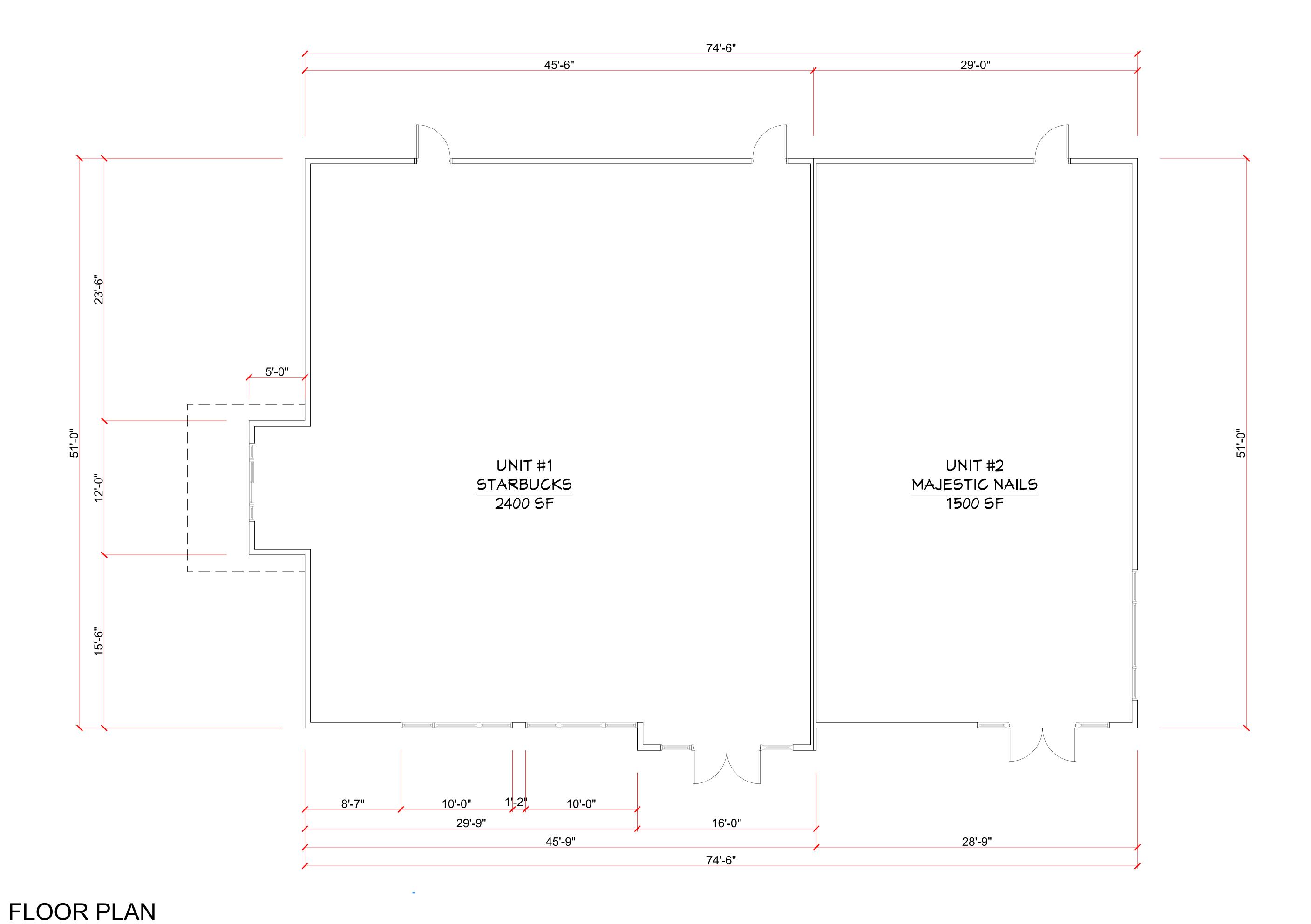
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OWNER:

PROJECT NAME:

MIXED USE BUILDING

PROJECT NO: C2348

PROJECT ADDRESS:

1621 MAIN STREET LEICESTER, MA

SHEET TITLE:

FLOOR PLAN

STAMP:

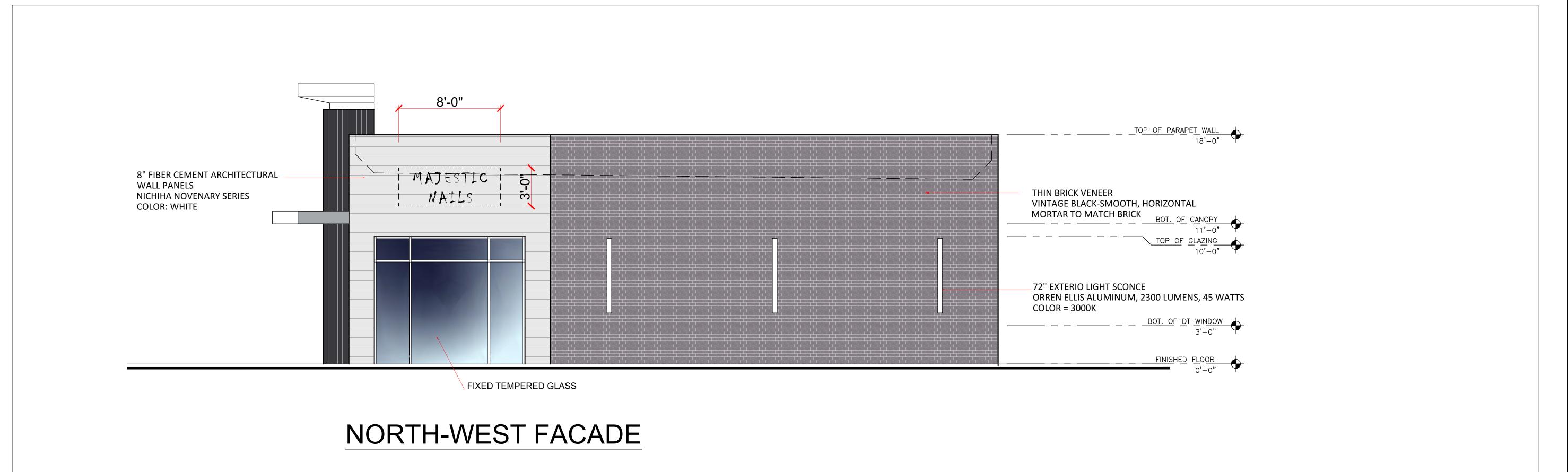
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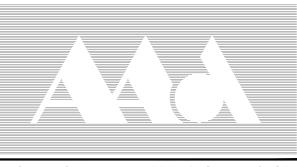
DATE: 9-12-2023

REVISIONS:

SHEET NO:







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PROJECT NAME:

MIXED USE BUILDING

PROJECT NO: C2348

PROJECT ADDRESS:

1621 MAIN STREET LEICESTER, MA

SHEET TITLE:

EXTERIOR ELEVATIONS

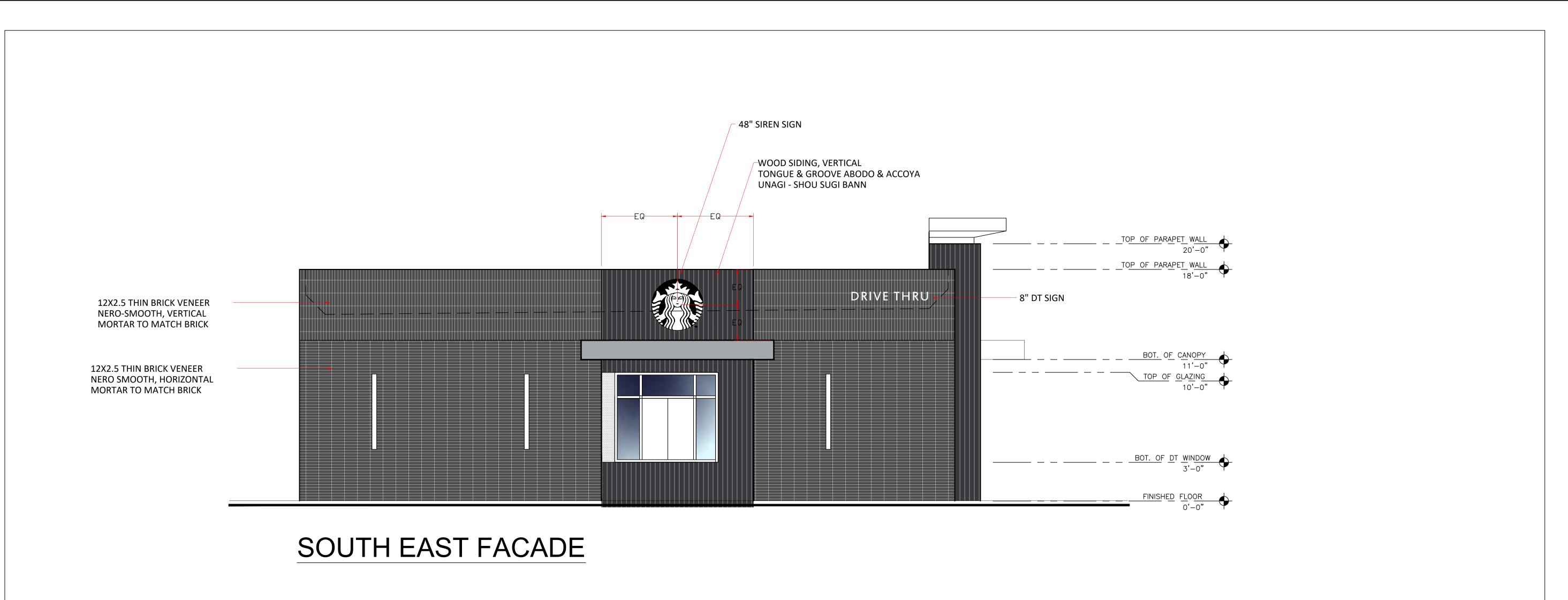
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