NEW GASOLINE DISPENSER CANOPY AND PARTIAL BUILDING INTERIOR REMODEL

ROUTE 66 GAS

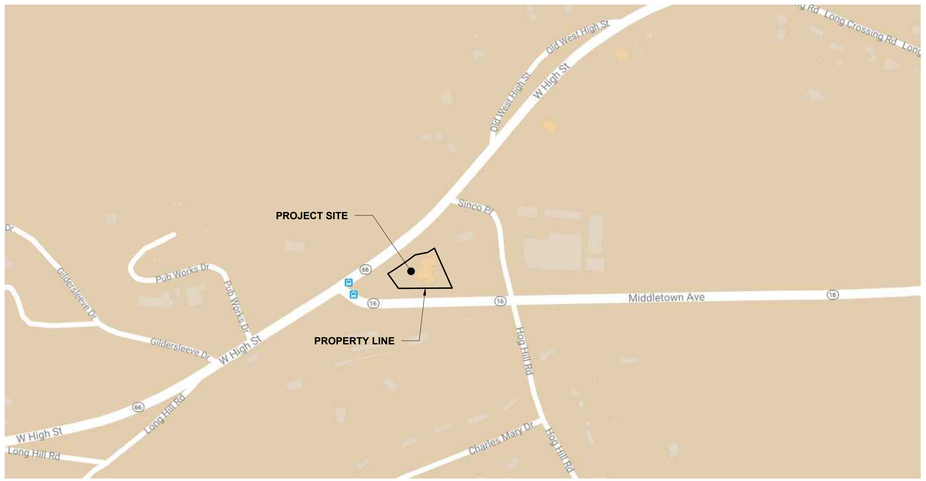
249 WEST HIGH STREET, EAST HAMPTON, CT 06424

OWNER

PHOEBE & VIOLET LLC,
249 WEST HIGH STREET
EAST HAMPTON, CT 06424

PREPARED FOR

PAULA FREE
249 WEST HIGH STREET
EAST HAMPTON, CT 06424



LOCUS MAP

APROX. SCALE: 1" = 300'

SHEET #	SHEET NAME
T-1.0	TITLE SHEET
2	TOPOGRAPHIC SURVEY
L-1	SITE PLAN
L-2	GRADING, UTILITIES AND EROSION CONTROL PLAN
L-3	PLANTING PLAN
L-4	DETAILS
L-5	DETAILS
L-6	SEDIMENTATION AND EROSION CONTROL DETAILS
A 1.0	EXISTING FLOOR PLAN
A 1.1	PROPOSED FLOOR PLAN
A 2.0	CANOPY ELEVATIONS
LO-152759	LIGHTING PROPOSAL

REVISIONS

NO.	DATE	DESCRIPTION	BY	CK'D
1	11/18/2020	TOWN COMMENTS/LAYOUT IMPROVEMENTS	SH	MS
2	2/2/2021	PLANTING PLAN CHANGES	SH	MS
3	4/26/2021	ADD SEWER AND WELL INFO	SH	MS
4	5/26/2021	MODIFIED W. HIGH STREET ACCESS	SH	MS

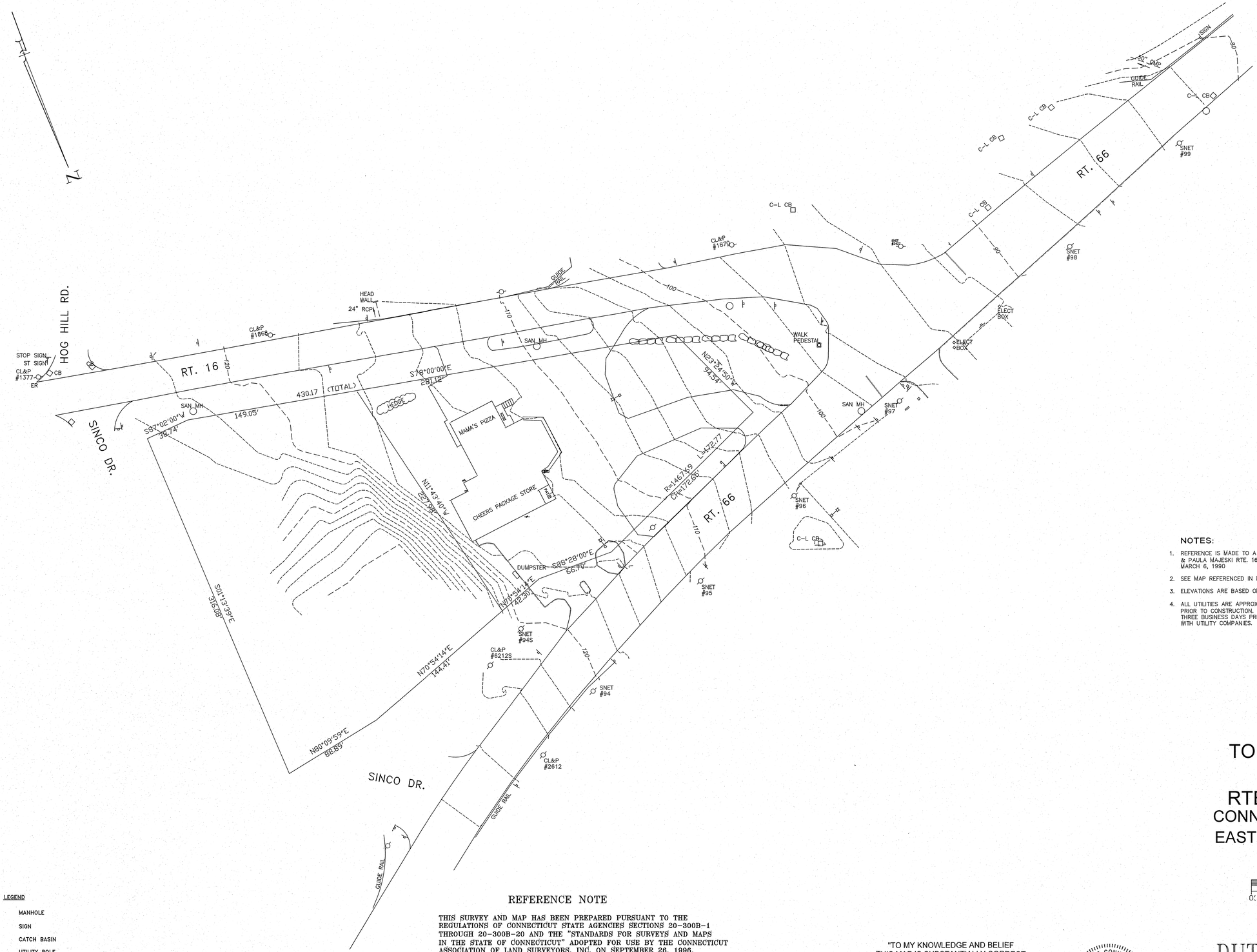
PROFESSIONAL SEAL

PROJECT: NEW GASOLINE DISPENSER AND PARTIAL BUILDING INTERIOR REMODEL
ROUTE 66 GAS
249 WEST HIGH STREET, EAST HAMPTON, CT 06424

PREPARED FOR: PHOEBE & VIOLET LLC
249 WEST HIGH STREET
EAST HAMPTON, CT 06424

ENVIRONMENTAL SERVICES
ENGINEERING SERVICES
67 HALL ROAD
STURBRIDGE, MA 01560
PHONE: 774-241-0901
FAX: 774-241-0906
CMG EST. 2002

ISSUE DATE: 06/20/2018
DRAWN BY: SH | CHECKED BY: MS
SCALE:
PROJECT NO.: 2017-194
SHEET NAME: TITLE SHEET
SHEET NO.: T-1.0



LEGEND

○	MANHOLE
⊦	SIGN
□	CATCH BASIN
-○-	UTILITY POLE
380	EXISTING GRADE
CB	CATCH BASIN
MH	MANHOLE
SAN	SANITARY SEWER

REFERENCE NOTE

THIS SURVEY AND MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

VERTICAL DATUM TO T-2 STANDARDS

THE BOUNDARY DETERMINATION CATEGORY IS "DEPENDENT SURVEY".

HORIZONTAL ACCURACY CONFORMS TO "A-2" STANDARDS.

NOTES:

1. REFERENCE IS MADE TO A MAP TITLED: "BOUNDARY SURVEY OF PROPERTIES OF STEPHEN & PAULA MAJESKI RTE. 16 & RTE. 66 EAST HAMPTON CONNECTICUT" SCALE 1"=40' DATE MARCH 6, 1990
2. SEE MAP REFERENCED IN NOTE 1 FOR A-2 BOUNDARY INFORMATION.
3. ELEVATIONS ARE BASED ON AN ASSUMED DATUM.
4. ALL UTILITIES ARE APPROXIMATE AND ARE TO BE VERIFIED (LOCATION AND ELEVATION) PRIOR TO CONSTRUCTION. NOTIFY "CALL BEFORE YOU DIG AT 1-800-922-4455 AT LEAST THREE BUSINESS DAYS PRIOR TO EXCAVATION. COORDINATE ALL UTILITY CONNECTIONS WITH UTILITY COMPANIES.

TOPOGRAPHIC SURVEY

PREPARED FOR

RTE. 66 EXPRESS MART

CONNECTICUT RTE. 16 & RTE. 66

EAST HAMPTON, CONNECTICUT

DATE:06-15-04

0' 20' 40' 80' 160'

SCALE IN FEET

1 INCH = 40 FEET

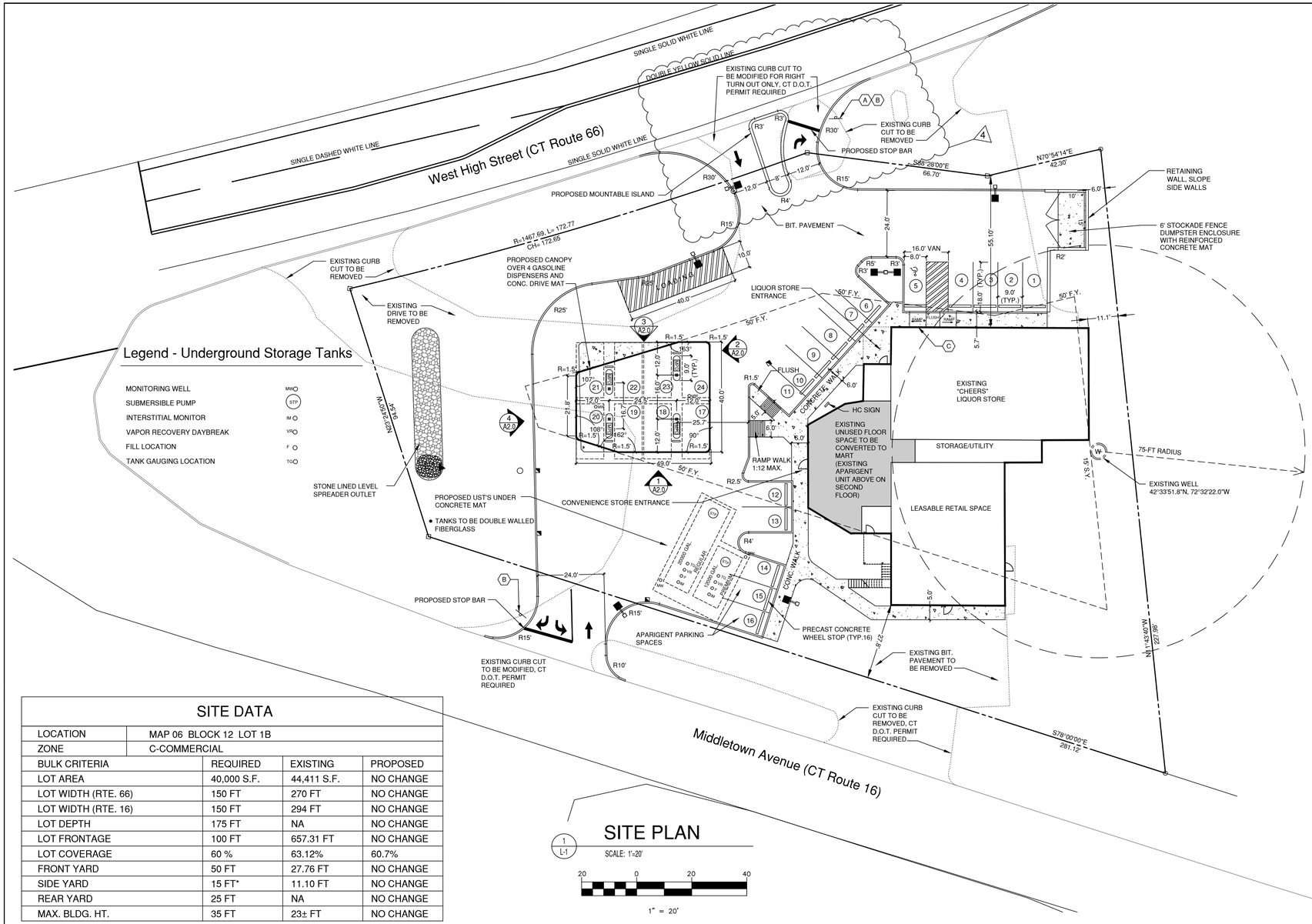
"TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."

CHARLES R. DUTCH, L.S. — 15776 LICENSE NUMBER

STATE OF CONNECTICUT CHARLES R. DUTCH 15776 LICENSED LAND SURVEYOR

DUTCH & ASSOCIATES
CIVIL ENGINEERS & LAND SURVEYORS
392 SOUTH MAIN STREET, COLCHESTER, CONN.

JOB No. 04-137



Legend - Underground Storage Tanks

MONITORING WELL	MW
SUBMERSIBLE PUMP	STP
INTERSTITIAL MONITOR	IM
VAPOR RECOVERY DAYBREAK	VR
FILL LOCATION	F
TANK GAUGING LOCATION	TG

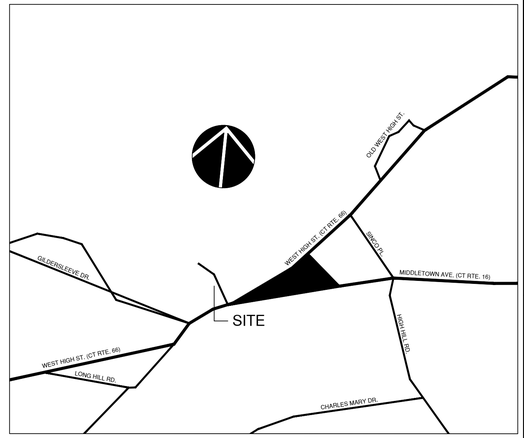
SITE PLAN

1 / L-1

SCALE: 1"=20'

20 0 20 40

1" = 20'



LOCUS

SCALE: N.T.S.

SITE DATA

LOCATION	MAP 06 BLOCK 12 LOT 1B		
ZONE	C-COMMERCIAL		
BULK CRITERIA	REQUIRED	EXISTING	PROPOSED
LOT AREA	40,000 S.F.	44,411 S.F.	NO CHANGE
LOT WIDTH (RTE. 66)	150 FT	270 FT	NO CHANGE
LOT WIDTH (RTE. 16)	150 FT	294 FT	NO CHANGE
LOT DEPTH	175 FT	NA	NO CHANGE
LOT FRONTAGE	100 FT	657.31 FT	NO CHANGE
LOT COVERAGE	60 %	63.12%	60.7%
FRONT YARD	50 FT	27.76 FT	NO CHANGE
SIDE YARD	15 FT*	11.10 FT	NO CHANGE
REAR YARD	25 FT	NA	NO CHANGE
MAX. BLDG. HT.	35 FT	23± FT	NO CHANGE

* PER VARIANCE 9/20/83

PARKING CALCULATIONS

RETAIL = 2 SPACES PER 1,000 SF GFA

RESIDENTIAL = 2 SPACES PER HOUSING UNIT

LIQUOR STORE = 2 X 3,591 SF / 1,000 =	7.182
CONVENIENCE STORE = 2X 1,295 SF / 1,000 =	2.59
AREA TO BE LEASED = 2X2,000 SF / 1,000 =	4.00
APARIGENT =	2.00
TOTALS	15.77
REQUIRED	16.00
PROVIDED	24.00

Legend

Existing		Proposed
	PROPERTY LINE	
	PAVEMENT EDGE	
	PAVEMENT REMOVAL	
	CURB	
	SETBACK	
	CONCRETE PAVEMENT	
W	WATER WELL	
	YARD LIGHT	
	CATCH BASIN	

SIGNAGE LEGEND

A — RIGHT TURN ONLY

B — STOP

NOTE:
OPERATION HOURS FOR THE FUELING STATION TO BE 24HRS.

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL AND FEDERAL REGULATIONS.
2. MATERIALS AND CONSTRUCTION PROCEDURES SHALL COMPLY WITH CT DOT FORM 817A AND TOWN OF EAST HAMPTON STANDARD SPECIFICATIONS.
3. CONTRACTOR TO SECURE ALL NECESSARY TRADE PERMITS.
4. NEW PAVEMENT TO MEET LINE & GRADE OF EXISTING PAVEMENTS A MIDDLETOWN AVENUE AND WEST HIGH STREET.
5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONSTRUCTION ACTIVITIES.
6. LOAM AND SEED ALL DISTURBED AREAS NOT COVERED BY OTHER IMPROVEMENTS.
7. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
8. STORAGE AREAS FOR CONTRACTOR'S EQUIPMENT AND MATERIALS SHALL BE AS APPROVED BY THE TOWN OF EAST HAMPTON.
9. AT ALL LOCATIONS WHERE EXISTING CURBING, BITUMINOUS CONCRETE ROADWAY OR CONCRETE SIDEWALK ABOUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO PROVIDE A CLEAN, SMOOTH EDGE. TACK COAT EXPOSED EDGES OF EXISTING BITUMINOUS CONCRETE PRIOR TO PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT.

   WHERE LIMIT OF WORK MEETS AN EXISTING BUILDING, IT IS ASSUMED THE WORK LIMIT CONTINUES AT THE BUILDING FACE.
10. ALL NEW WORK SHALL BE STAKED-OUT PRIOR TO CONSTRUCTION. OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES.
11. FIELD ADJUSIGENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE AND APPROPRIATE MUNICIPAL OFFICIALS PRIOR TO CONSTRUCTION.
12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VERTICAL AND HORIZONTAL POSITION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
13. CONTRACTOR SHALL CONTROL DUST CAUSED BY HIS OPERATIONS BY APPLYING WATER OR DUST PALLIATIVE, OTHER THAN CALCIUM CHLORIDE.
14. CONTRACTOR SHALL CONTROL NOISE TO AS GREAT AN EXTENT AS POSSIBLE. ALL POWER EQUIPMENT USED DURING CONSTRUCTION SHALL BE EQUIPPED WITH MUFFLERS.
15. MANUFACTURED ITEMS SHALL ALL BE INSTALLED, CONNECTED AND CLEANED ACCORDING TO THE MANUFACTURERS DIRECTIONS.
16. PRIOR TO PROJECT CLOSE-OUT, CONTRACTOR SHALL REMOVE ALL DEBRIS AND EXCESS MATERIALS FROM SITE. ALSO, ANY DAMAGE TO FIELD OR FACTORY APPLIED FINISHES SHALL BE REPAIRED.
17. PROVIDE EXPANSION JOINTS FOR NEW CONCRETE PAVING AT ALL CURBS, BUILDING WALLS, SITE WALLS, LIGHT POLE BASES, MANHOLES, GRATES/VAULTS, EXISTING CONCRETE PAVING, AND ANY OTHER FIXED MATERIALS. MAXIMUM DISTANCE BETWEEN EXPANSION JOINTS SHALL NOT EXCEED 25'.

PLAN REFERENCE

SURVEY INFORMATION FROM PLAN ENTITLED:
"TOPOGRAPHIC SURVEY", PREPARED FOR RT 66 EXPRESS MART, CONNECTICUT RTE 16 & RTE 66, EAST HAMPTON , CT, SCALE: 1" = 40', DATED: 06/15/04, BY: DUTCH & ASSOCIATES, 392 SOUTH MAIN ST, COLCHESTER, CT

APPROVED BY THE EAST HAMPTON PLANNING & ZONING COMMISSION

FINAL APPROVAL

CHAIRMAN _____ DATE _____

EXPIRATION DATE:

REVISIONS

NO.	DATE	DESCRIPTION	BY	CK'D
1	11/18/2020	TOWN COMMENTS/LAYOUT IMPROVEMENTS	SH	MS
2	2/2/2021	PLANTING PLAN CHANGES	SH	MS
3	4/26/2021	ADD SEWER AND WELL INFO	SH	MS
4	5/26/2021	MODIFIED W. HIGH STREET ACCESS	SH	MS

PROFESSIONAL SEAL

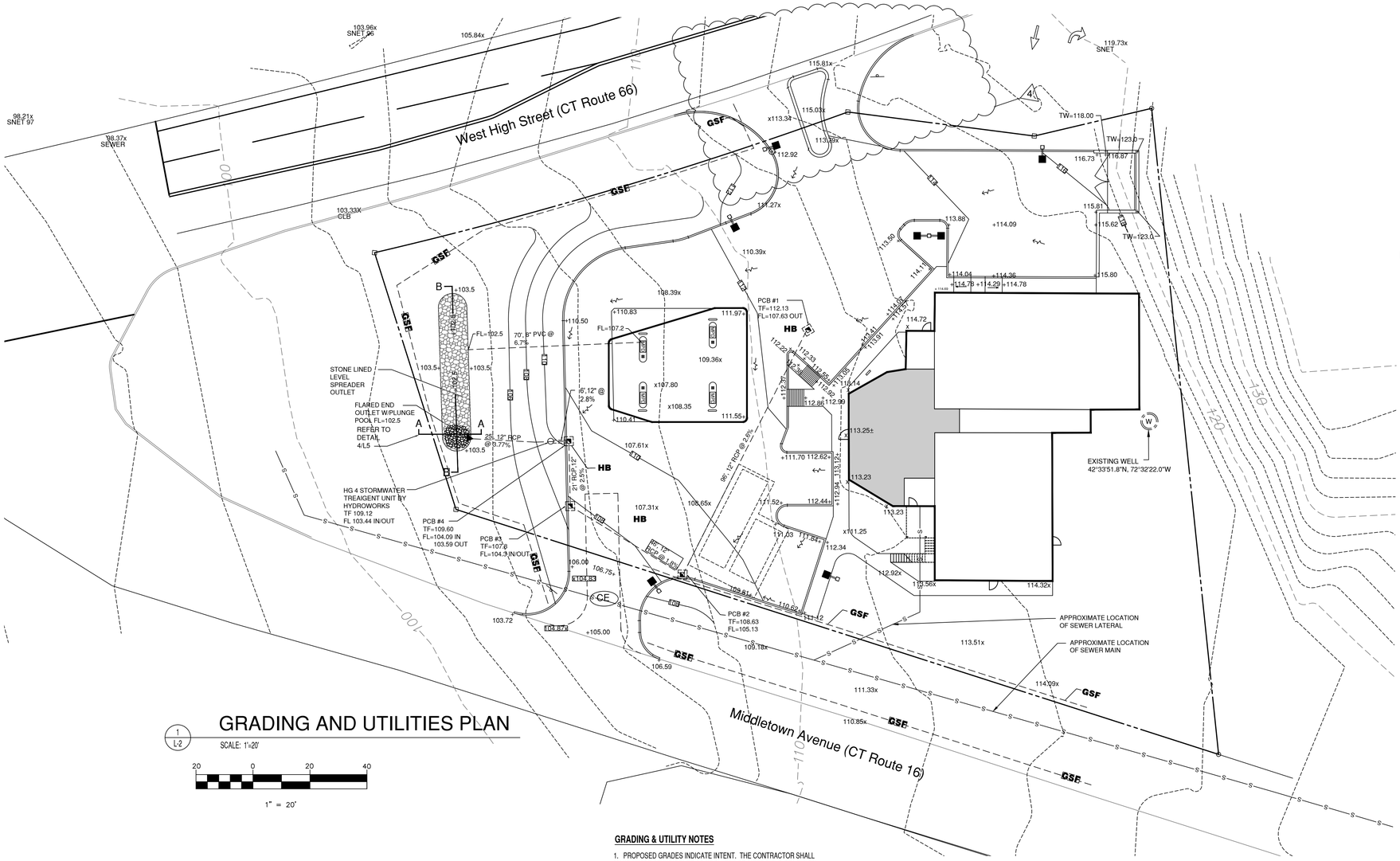
PROJECT:
NEW GASOLINE DISPENSER AND PARTIAL BUILDING INTERIOR REMODEL
ROUTE 66 GAS
249 WEST HIGH STREET, EAST HAMPTON, CT 06424

PREPARED FOR:
PHOEBE & VIOLET LLC
249 WEST HIGH STREET
EAST HAMPTON, CT 06424

ENVIRONMENTAL SERVICES
ENGINEERING SERVICES
67 HALL ROAD
STURBRIDGE, MA 01560
PHONE: 774-241-0901
FAX: 774-241-0906

CMG EST. 2002

ISSUE DATE: 06/20/2018
DRAWN BY: TPC CHECKED BY: MS
SCALE: 1"=20'
PROJECT NO.: 2017-194
SHEET NAME: **SITE PLAN**
SHEET NO.: **L-1**



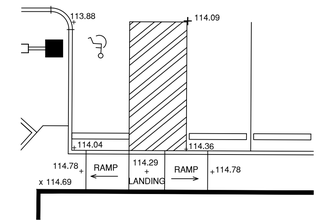
GRADING AND UTILITIES PLAN

1 / L-2

SCALE: 1"=20'

20 0 20 40

1" = 20'



HC PARKING INSET

2 / L-2

SCALE: 1'=10'

Legend

Existing		Proposed
	PROPERTY LINE	
	CURB	
	SETBACK	
W	WATER WELL	
	YARD LIGHT	
114	CONTOUR	114
x108.35	SPOT ELEVATION	+112.23
	FLOW ARROW	
	CATCH BASIN	
	STORM PIPE	
	HAYBALES	HB
	GEOTEXTILE SILT FENCE	GSF
	CONSTRUCTION ENTRANCE	CE
	FLARED END	

GRADING & UTILITY NOTES

1. PROPOSED GRADES INDICATE INTENT. THE CONTRACTOR SHALL MAKE MINOR ADJUSIGENTS AS REQUIRED TO MEET FIELD CONDITION.
2. CONTRACTOR TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB AND BE RESPONSIBLE FOR SAME. NOTIFY SITE PLANNER OF DISCREPANCIES PRIOR TO BEGINNING WORK.
3. EROSION CONTROL FABRIC TO BE USED ON ALL SLOPES GREATER THEN 3:1.
4. STRIP AND STOCKPILE TOPSOIL FOR REUSE ON SITE.
5. PITCH ALL WALKS AT 2% CROSS SLOPE UNLESS OTHERWISE NOTED.
6. ADJUST ALL EXISTING AND PROPOSED UTILITY FRAMES, GRATES, MANHOLE COVERS, VALVE BOXES, ETC. TO BE FLUSH WITH THE PROPOSED SURFACE ELEVATIONS WITHIN THE LIMITS OF CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING DURING THE EXECUTION OF HIS WORK. THE ACTUAL LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF EXCAVATION ACTIVITIES.
8. ACCESS AND UTILITIES TO EXISTING FACILITIES MUST BE MAINTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR MUST MAINTAIN THE FOLLOWING ACCESSES WITHIN THE PROJECT SITE:

A. SUFFICIENT TRAVEL LANE(S), APPROVED BY THE ENGINEER, TO ENABLE ALL EMERGENCY VEHICLES TO ACCESS THE ENTIRE PROJECT SITE.

9. ALL EXCESS MATERIAL, EXCEPT TOPSOIL, SHALL BE DISPOSED OF OUTSIDE THE PROJECT LIMITS.
10. DAMAGE TO EXISTING UTILITIES AS A RESULT OF THE CONTRACTOR'S OR ANY OF HIS SUBCONTRACTOR'S ACTIVITIES DURING THE CONSTRUCTION PROCESS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
11. WHERE FIELD CONDITIONS CALL FOR ON-SITE ADJUSIGENTS OF FINISHED GRADES, THE ENGINEER SHALL MAKE THE FINAL DETERMINATION.
12. ACCESSIBLE ROUTES' SLOPES SHALL BE 1:20 (5%0 OR LESS AND THE CROSS SLOPES SHALL NOT EXCEED 1:50 (2%). CHANGES IN LEVELS SHALL NOT BE GREATER THAN 1/2 INCH, AND SLOPES SHALL NOT BE GREATER THAN 1:20 UNLESS RAMPS OR LIFTS ARE PROVIDED.

NOTE:

EXISTING SANITARY SEWER, WATER WELL AND ELECTRICAL SERVICE TO REMAIN

PLAN REFERENCE

SURVEY INFORMATION FROM PLAN ENTITLED:
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FINAL APPROVAL

CHAIRMAN _____ DATE _____

EXPIRATION DATE:

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4	5/26/2021	MODIFIED W. HIGH STREET ACCESS	SH	MS

PROFESSIONAL SEAL

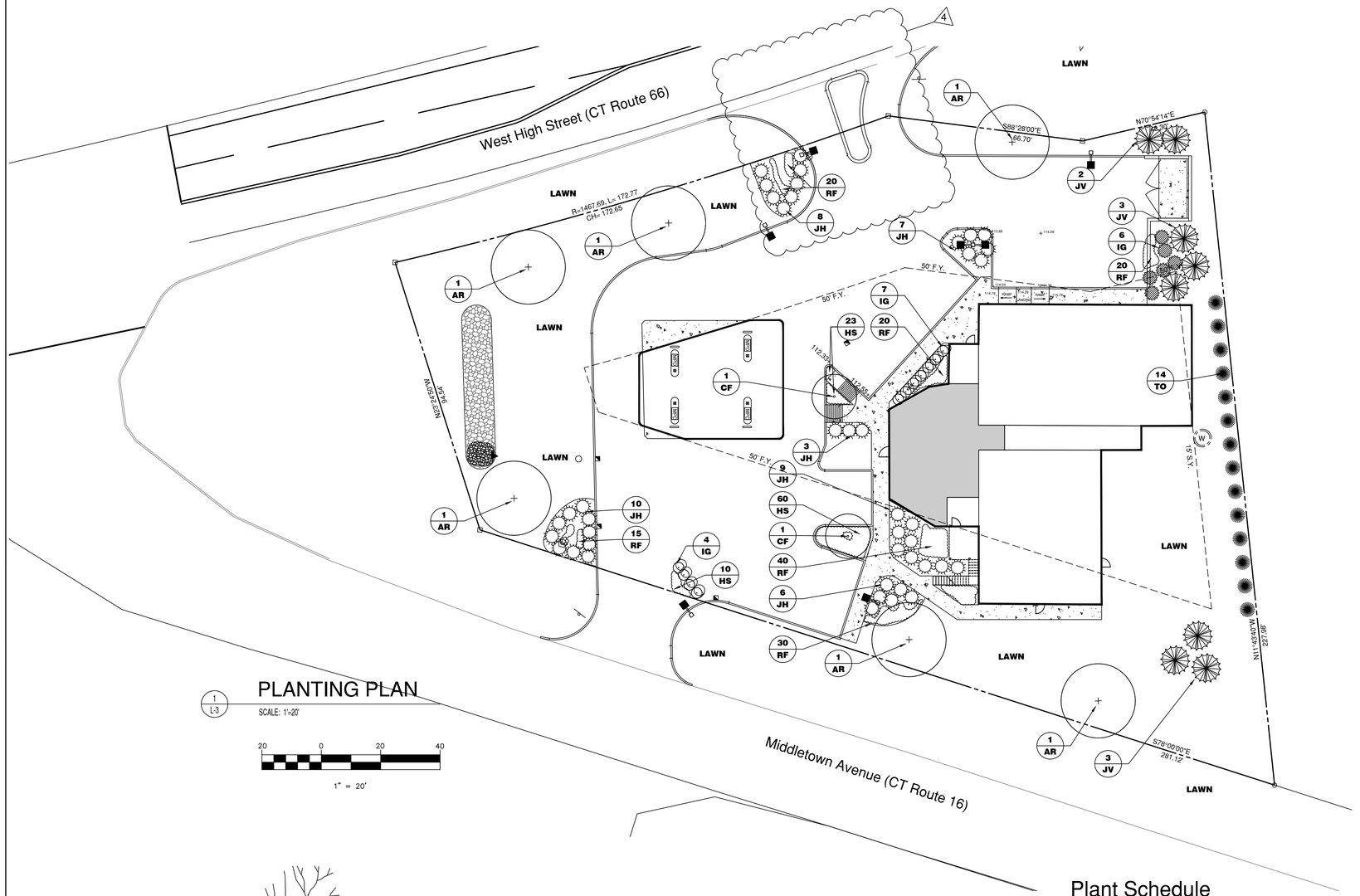
PROJECT:
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ROUTE 66 GAS
249 WEST HIGH STREET, EAST HAMPTON, CT 06424

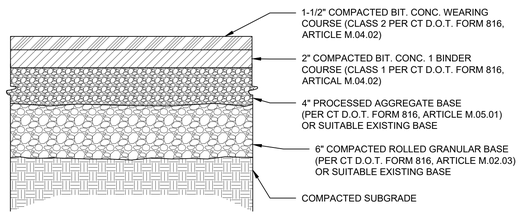
PREPARED FOR:
PHOEBE & VIOLET LLC
249 WEST HIGH STREET
EAST HAMPTON, CT 06424

ENVIRONMENTAL SERVICES
ENGINEERING SERVICES
67 HALL ROAD
STURBRIDGE, MA 01560
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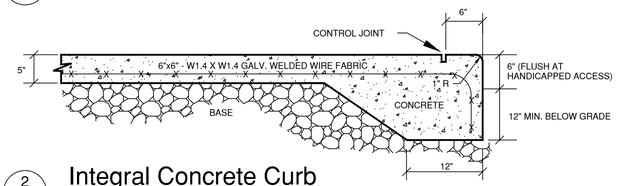
ISSUE DATE: 06/20/2018
DRAWN BY: TPC CHECKED BY: MS
SCALE: 1"=20'
PROJECT NO.: 2017-194
SHEET NAME:
GRADING, UTILITIES AND EROSION CONTROL PLAN
SHEET NO.:
L-2


West High Street (CT Route 66)
Middletown Avenue (CT Route 16)
LAWN
R=1467.69, L= 172.77
CH= 172.69
S26°26'00"E
66.70'
N70°54'14"E
N11°43'47"W
227.98'
S78°00'00"E
281.12'
N20°45'59"W
91.54'
50' F.Y.
1 1/2 SCH. 80
1 1/2 SCH. 40
1 1/4 SCH. 40
3/4 SCH. 40
WATER
ELECTRIC
GAS
1 1/2 SCH. 40 UNDER
1" SCH. 40
1 1/2 SCH. 40
1 1/4 SCH. 40
1 1/2 SCH. 80
1 1/2 SCH. 40
1 1/2 SCH. 40
1 1/2 SCH. 40



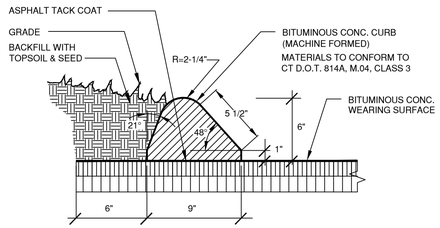
1 L-4 Bituminous Concrete Pavement

NOT TO SCALE



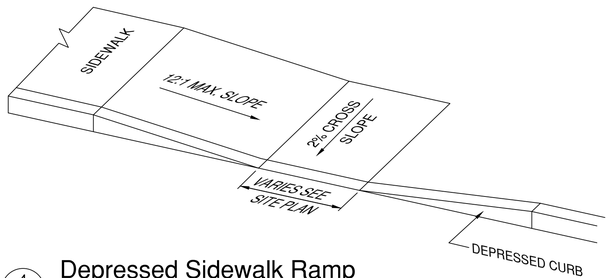
2 L-4 Integral Concrete Curb

NOT TO SCALE



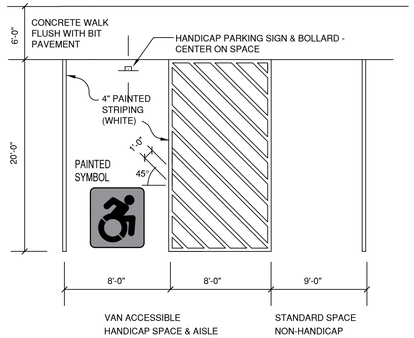
3 L-4 6" Bituminous Concrete Lip Curb

NOT TO SCALE



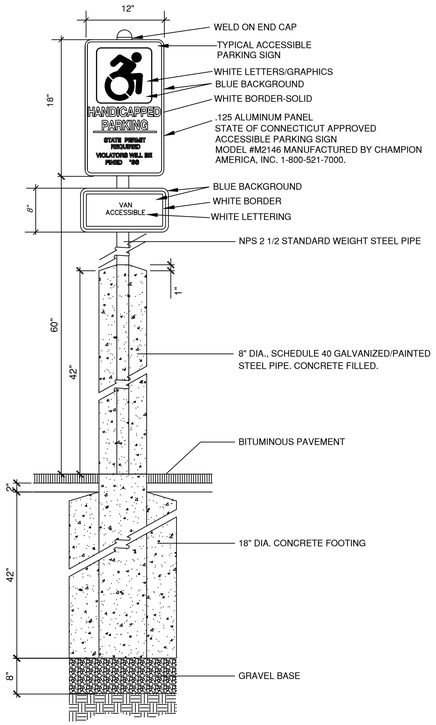
4 L-4 Depressed Sidewalk Ramp

NOT TO SCALE



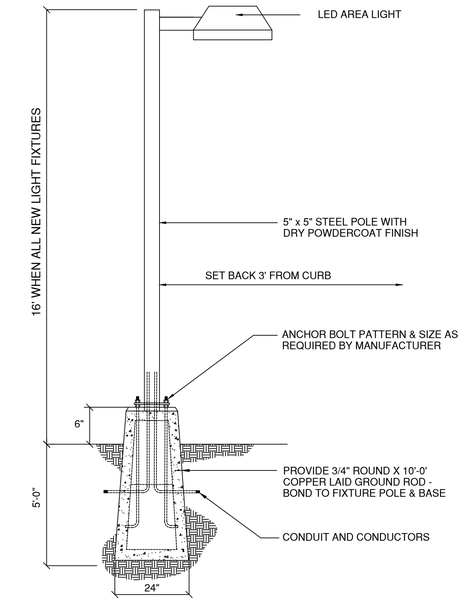
5 L-4 Typical Accessible Parking Layout

NOT TO SCALE



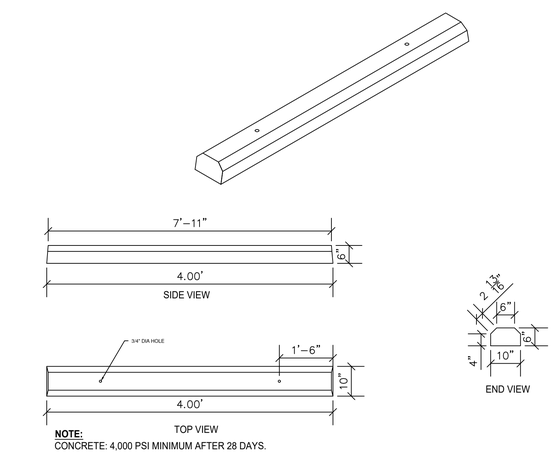
6 L-4 Handicap Signage And Bollard

NOT TO SCALE



7 L-4 Parking Lot Lighting

NOT TO SCALE



NOTE:
CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.

8 L-4 Precast Concrete Wheel Stop

NOT TO SCALE

REVISIONS				
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3	4/26/2021	ADD SEWER AND WELL INFO	SH	MS
4	5/28/2021	MODIFIED W. HIGH STREET ACCESS	SH	MS

PROFESSIONAL SEAL

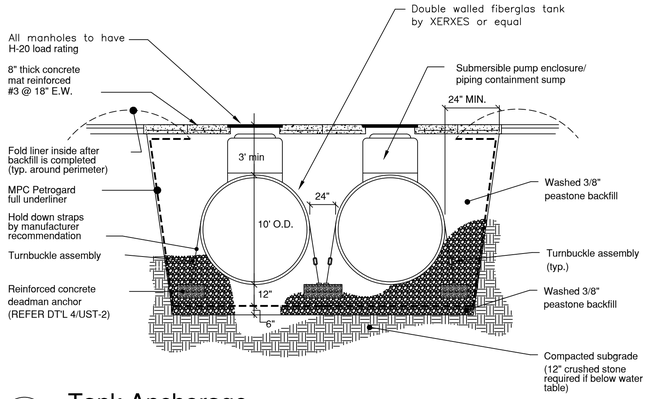
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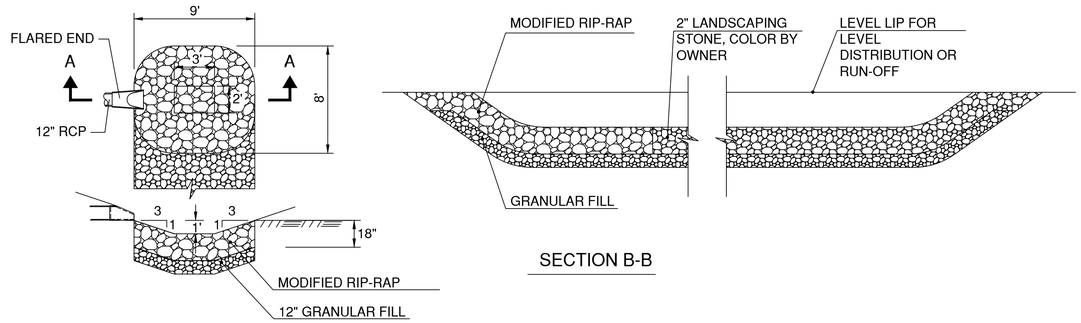
CMG EST. 2002

ISSUE DATE:	06/20/2018		
DRAWN BY:	TPC	CHECKED BY:	MS
SCALE:	1"=20'		
PROJECT NO.:	2017-194		
SHEET NAME:	**DETAILS**		
SHEET NO.:	**L-4**		



1 / L-5 **Tank Anchorage**

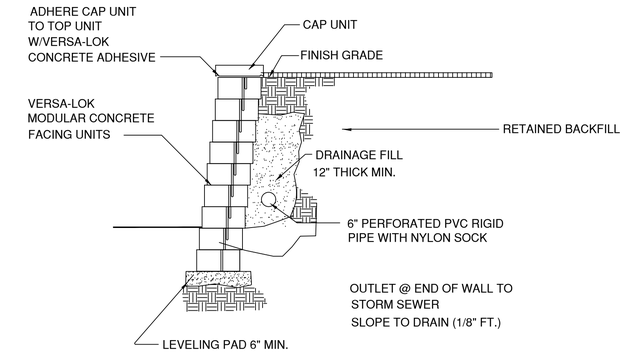
NOT TO SCALE



4 / L-5 **Rip-rap Plunge Pool (Preformed Scour Hole)**

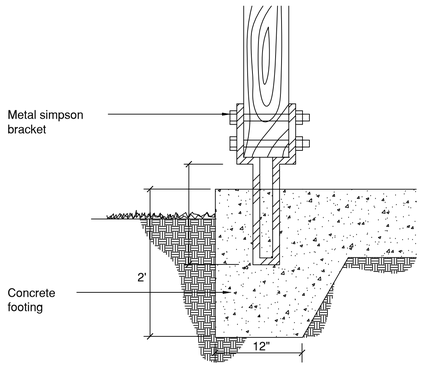
NOT TO SCALE

PER CT D.O.T. DRAINAGE MANUAL



2 / L-5 **Modular Concrete Block Retaining Wall**

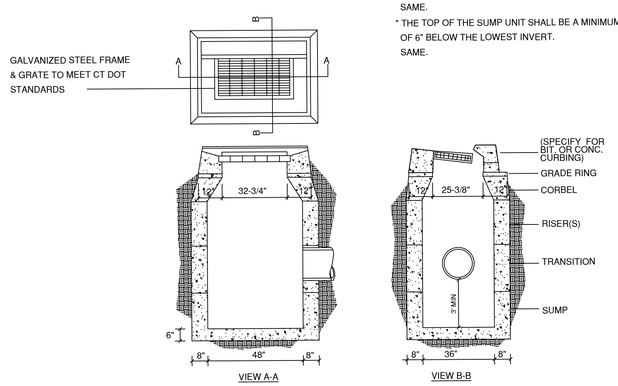
NOT TO SCALE



3 / L-5 **Wood Post & Dumpster Pad**

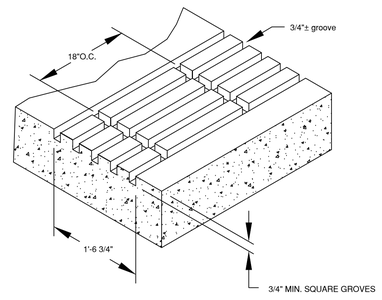
NOT TO SCALE

* DESIGN LOADING AASHTO H-20-44
* PRE-CAST CONCRETE, 4,000 PSI MIN
* IN PAVEMENT AREAS THE NORMAL CROSS SLOPE OF THE GUTTER SHALL BE VARIED TO MATCH THE CROSS SLOPE OF THE GRATE.
* WALLS OF CATCH BASINS OVER 10' DEEP SHALL BE 12" THICK INSIDE DIMENSIONS TO REMAIN THE SAME.
* THE TOP OF THE SUMP UNIT SHALL BE A MINIMUM OF 6" BELOW THE LOWEST INVERT. SAME.



5 / L-5 **PRECAST CATCH BASIN**

NOT TO SCALE



6 / L-5 **POSITIVE LIMITING BARRIER (PLB)**

NOT TO SCALE

NO.	DATE	DESCRIPTION	BY	CKD
1	11/18/2020	TOWN COMMENTS/LAYOUT IMPROVEMENTS	SH	MS
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4	5/26/2021	MODIFIED W. HIGH STREET ACCESS	SH	MS

REVISIONS

PROFESSIONAL SEAL

PROJECT:
NEW GASOLINE DISPENSER AND PARTIAL BUILDING INTERIOR REMODEL
ROUTE 66 GAS
249 WEST HIGH STREET, EAST HAMPTON, CT 06424

PREPARED FOR:
PHOEBE & VIOLET LLC
249 WEST HIGH STREET
EAST HAMPTON, CT 06424

ENVIRONMENTAL SERVICES
ENGINEERING SERVICES
67 HALL ROAD
STURBRIDGE, MA 01560
PHONE: 774-241-0901
FAX: 774-241-0906

CMG EST. 2002

ISSUE DATE: 06/20/2018
DRAWN BY: TPC
CHECKED BY: MS
SCALE: AS NOTED
PROJECT NO.: 2017-194
SHEET NAME:

DETAILS

SHEET NO.:

L-5

SEDIMENTATION AND EROSION CONTROL

PER STATE OF CONNECTICUT PUBLIC ACT 83-388
All applicable practices recommended by the 2002 CT Guidelines for Soil Erosion & Sediment Control are included by reference.

1. DESCRIPTION

The project consists of renovating an existing one acre commercial parcel by adding a retail filling station and modify curb openings.

2. SCHEDULE

No schedule has been set for this project.

3. DESIGN AND CRITERIA

Note: The Contractor shall name one individual as his Sediment and Erosion Control Supervisor whose primary responsibility will be the maintenance of all on-site erosion control measures. He will keep a daily log of his activities and an updated schedule of proposed construction activities. The log will be made available to inspectors.

A. GEOTEXTILE SILT FENCE (GSF) – Shall be non-woven material, minimum 36" high and fastened to wood stakes. Silt fence shall be installed with end runs turned up grade at 45 degrees for a distance of 10 feet (See detail this sheet).

B. TEMPORARY SEEDING (TS)

1. Contractor shall scarify the soil to a depth of 2" before applying fertilizer, limestone and seed.
2. Seed maybe applied by hand or mechanically. See application shall be uniform. Seed rate shall be in accordance with the 2002 "Guidelines for Soil Erosion and Sediment Control" (increase seeding rates by 10% when hydroseeding, Limestone, fertilizer and seed maybe applied in slurry.)
3. Contractor shall mulch area (MS) immediately following seeding. (Note: In the event seeding operations are not feasible due to seasonal restrictions or extended inclement weather patterns, the Contractor shall install an Erosion Control Blanket over exposed soils.)

C. PERMANENT SEEDING (PS)

1. Contractor shall apply topsoil and fine grade all areas before the application of permanent seed. Apply limestone and fertilizer as needed, in accordance with soil tests.
2. Remove all surface stones ½ inch and larger. Remove all other debris and rake seed bed.
3. Apply seed within 7 days after establishing final grades. See planting plan.

D. HAY BALE BARRIER (HB)– Shall be made of hay or straw with 40 pounds minimum weight and 120 pounds maximum weight, held together by twine or wire. (See detail this sheet.)

E. CONSTRUCTION ENTRANCE (CE) – Shall be an angular stone (DOT Standard Spec Section M.01.01 size #3) pad, a minimum of 12' wide and 50' long. (See detail this sheet.)

F. EROSION CONTROL BLANKET (ECB) Erosion mat shall be placed on all exposed cut/fill slopes steeper than 3:1 (including swales & ditches) to protect against rainfall and hold moisture content to enhance vegetation growth in seeded areas. Mat (or blankets) shall be straw or straw/coconut fiber combination sewn together with lightweight netting. Use North American green. S150 – slopes up to 3:1, SC150- slopes from 3:1 up to 2:1 or greater. Temporary hay mulch to be applied to areas less than 3:1 slope and all areas to be left barren over the winter, mulch rate to be 70 pounds/1000 s.f

APPLICATION/GENERAL PROCEDURES

A. Soil erosion and sediment control measures will be installed prior to any site disturbance, and development will proceed according to a specific construction sequence. The objective is to maximize the reduction of sediment -laden runoff through implementation of conventional soil sedimentation and erosion control practices currently recommended by the 2002 "CT Guidelines for Soil Erosion and Sediment Control".

B. Earthwork will be scheduled for periods when soil saturation is low and soil loss hazard is at a minimum.

C. Suspend earthwork for major storm events and implement additional sedimentation and erosion control measures as necessary.

D. There shall be no cuts or fill left exposed for longer than 30 days. The established procedure of temporarily seeding and/or cover with erosion protection (mat or hay) shall be followed to insure minimal soil loss.

MONITORING AND MAINTENANCE PROGRAM

1. For the duration of the project construction, the Contractor shall maintain all sedimentation and erosion control devices to insure their efficient operation.
2. The responsibility for performing periodic checks of the protection system in-place and to coordinate cleaning and repair operations shall be assigned to the General Contractor's project representative.
3. All sedimentation and erosion control devices shall be checked for the adequacy of the control systems prior to severe storm weather forecasts Inspect control system during and after storms to determine necessary repairs.
4. Repairs to sedimentation control systems directed by the project representative shall be done within 24 hours of the directive or as soon as possible prior to storm warnings.
5. Replacement materials for the devices utilized must be readily available for repairs.
6. Clean sedimentation and erosion control devices as directed by the projects representative.
7. Placement of temporary sedimentation and erosion control devices that are not shown on plans, but are required due to Contractor's operations, shall be placed at the direction of the projects representative.
8. Dust control and off -site debris caused by the Contractor's earthwork operations shall be prevented, or cleaned-up in accordance with the standard state specification "Form 814A".

Specific maintenance measures shall be as follows:

A. GEOTEXTILE SILT FENCE (GSF) – Inspect GSF at least once a week and within 24 hours of the end of any storm event of 0.5 -inch or greater.

Repair or replace the fence within 24- hours of observed failure.

B. HAY BALE BARRIER (HB) - Inspect HB at least once a week and within 24 hours of the end of any storm event of 0.5- inch or greater.

Repair or replace the hay bales within 24-hours of observed failure.

C. CONSTRUCTION ENTRANCE (CE) – Maintain the entrance in a condition which will prevent tracking and washing of sediment onto paved surfaces. Provide periodic top dressing with additional stone or additional length as conditions demand. Repair any measures used to trap sediment as needed. Immediately remove all sediment spilled, dropped, washed or tracked onto paved surfaces. Roads adjacent to a construction site shall be left clean at the end of each day.

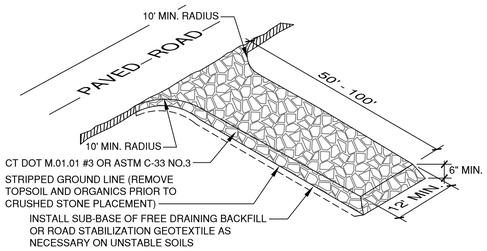
If the construction entrance is being properly maintained and the action of a vehicle traveling over the stone pad is not sufficient to remove the majority of the sediment, then either (1) increase the length of the construction entrance, (2) modify the construction access road surface, or (3) install washing racks and associated settling area or similar devices before the vehicle enters a paved surface.

D. SEEDING (TEMPORARY & PERMANENT)

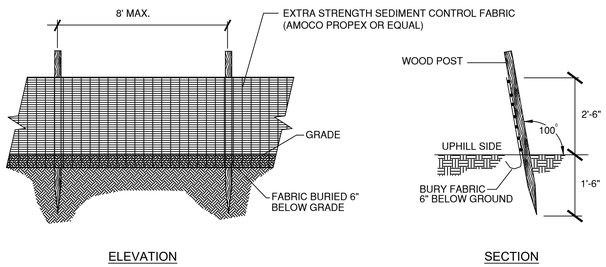
Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater for seed and mulch movement and rill erosion.

Where seed has moved or where soil erosion has occurred, determine the cause of the failure. Bird feeding may be a problem if mulch was applied too thinly to protect seed. Re-seed and re-mulch. If movement was the result of wind, then repair erosion damage (if any), reapply seed and mulch and apply mulch anchoring. If failure was caused by concentrated runoff, install additional measures to control water and sediment movement, repair erosion damage, re-seed and re-apply mulch with anchoring or use **Temporary Erosion Control Blanket** measure.

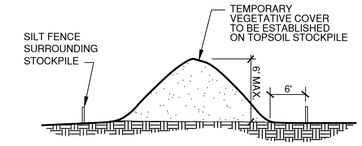
Continue inspections until the grasses are firmly established. Grasses shall not be considered established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative surface cover).



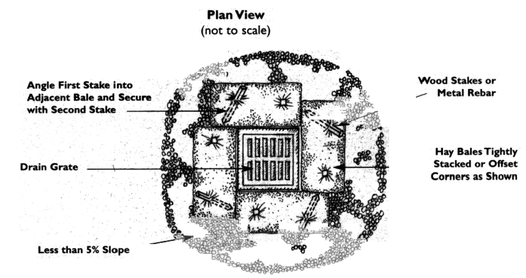
1 / L-6 Construction Entrance (CE)
N.T.S.

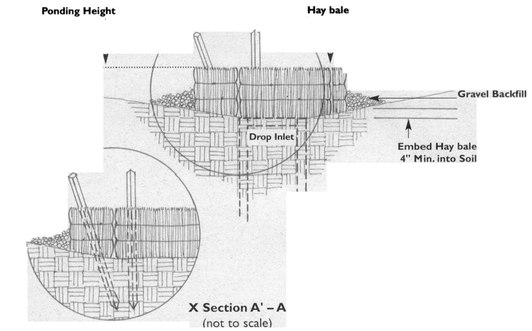


2 / L-6 Geotextile Silt Fence (GSF)
N.T.S.

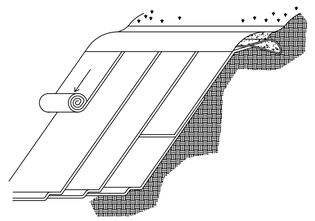


3 / L-6 Topsoil Stock Pile Area
N.T.S.





4 / L-6 Hay Bale Barrier At Catchbasin (HB)
N.T.S.



5 / L-6 Slope Stabilization Using Erosion Control Blanket (ECB)
N.T.S.

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PROFESSIONAL SEAL

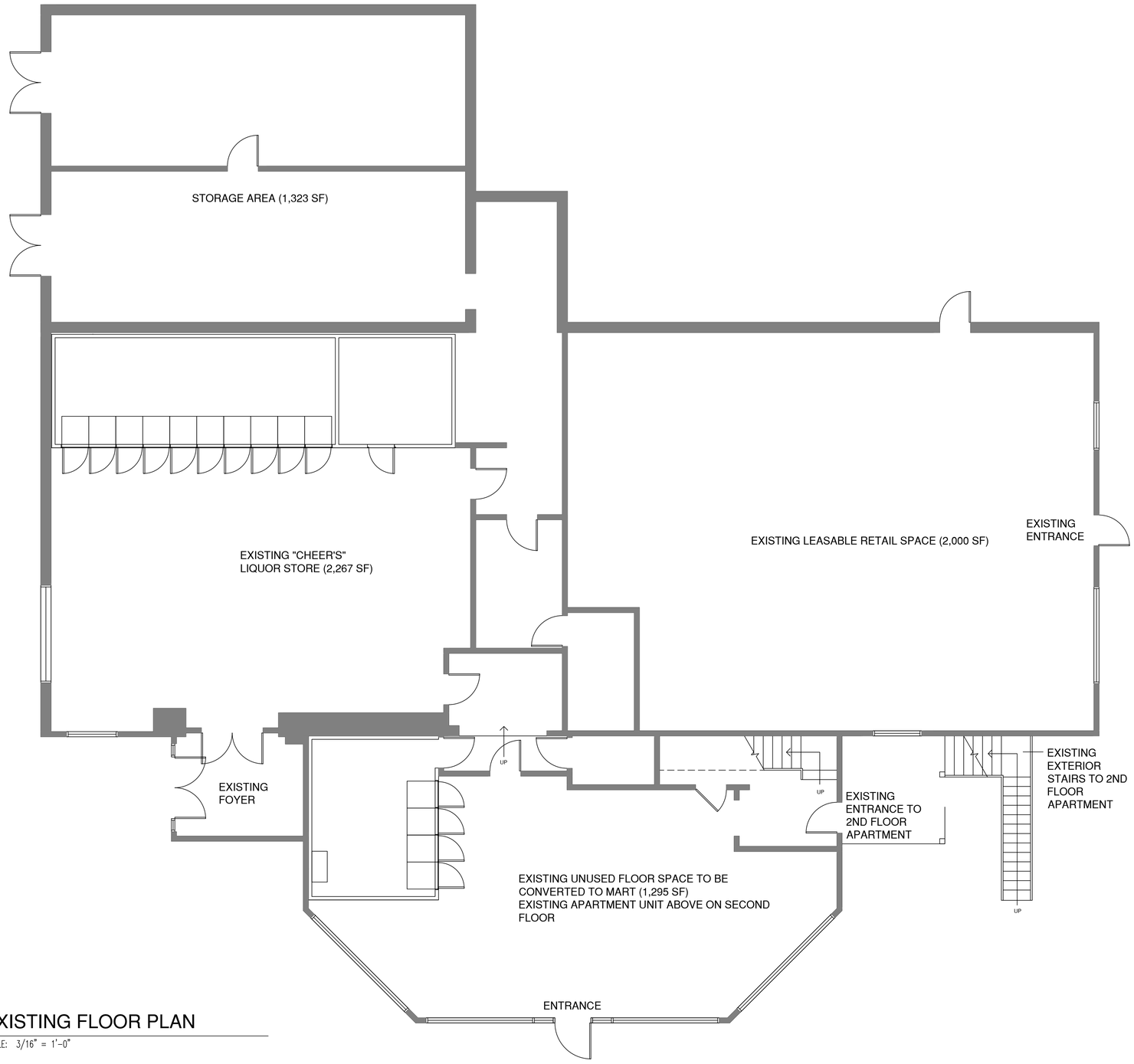
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STURBRIDGE, MA 01560
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CMG EST. 2002

ISSUE DATE: 06/20/2018
DRAWN BY: SH | CHECKED BY: MS
SCALE: AS NOTED
PROJECT NO.: 2017-194
SHEET NAME: **SEDIMENTATION AND EROSION CONTROL DETAILS**
SHEET NO.: **L-6**



1 / A1.0 EXISTING FLOOR PLAN

SCALE: 3/16" = 1'-0"

NO.	DATE	DESCRIPTION	BY	CK'D
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REVISIONS

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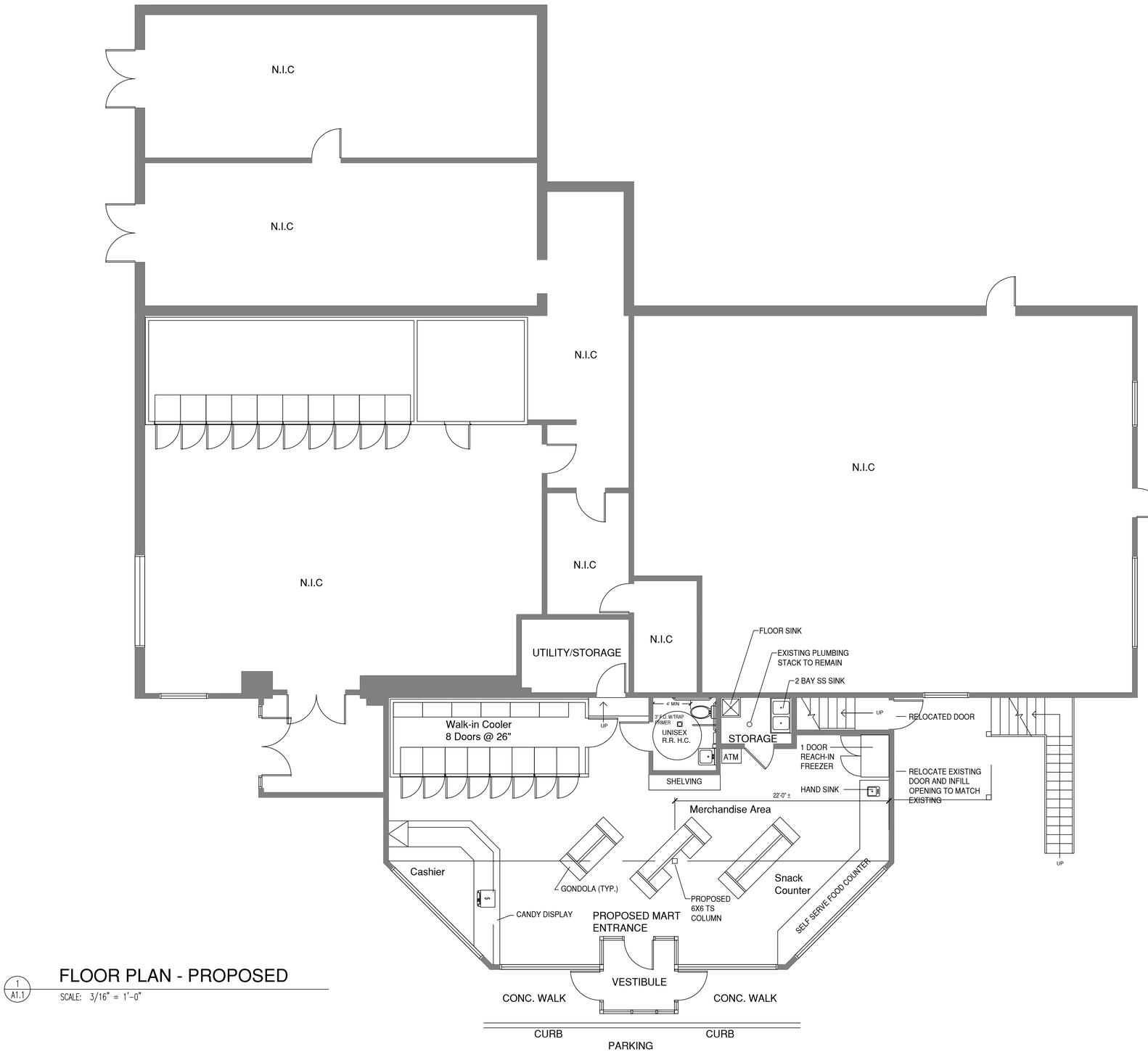
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SHEET NO.:
A-1.0



1 / A1.1 FLOOR PLAN - PROPOSED

SCALE: 3/16" = 1'-0"

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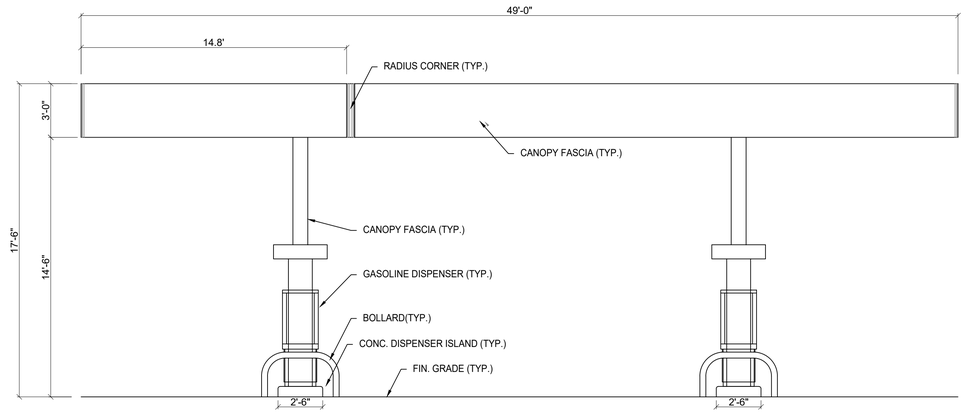
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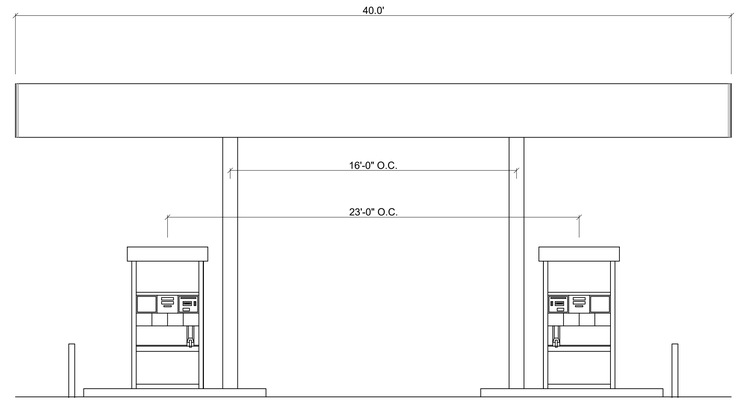
ISSUE DATE: 06/20/2018
DRAWN BY: SH | CHECKED BY: MS
SCALE:
PROJECT NO.: 2017-194
SHEET NAME: **PROPOSED FLOOR PLAN**
SHEET NO.: **A-1.1**



1 A2.0

PROPOSED CANOPY ELEVATION - SOUTH

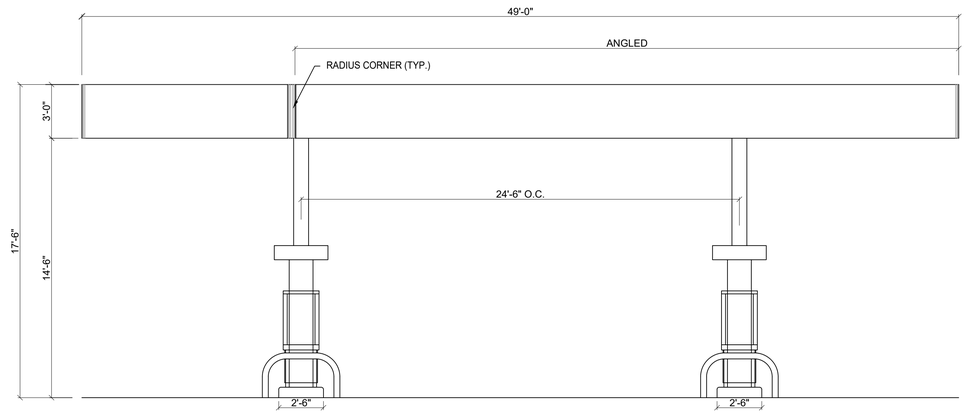
SCALE: 1/4" = 1'-0"



2 A2.0

PROPOSED CANOPY ELEVATION - EAST

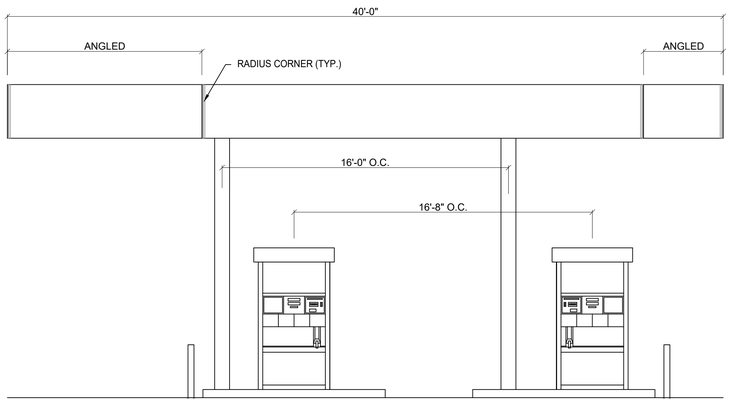
SCALE: 1/4" = 1'-0"



3 A2.0

PROPOSED CANOPY ELEVATION - NORTH

SCALE: 1/4" = 1'-0"



4 A2.0

PROPOSED CANOPY ELEVATION - WEST

SCALE: 1/4" = 1'-0"

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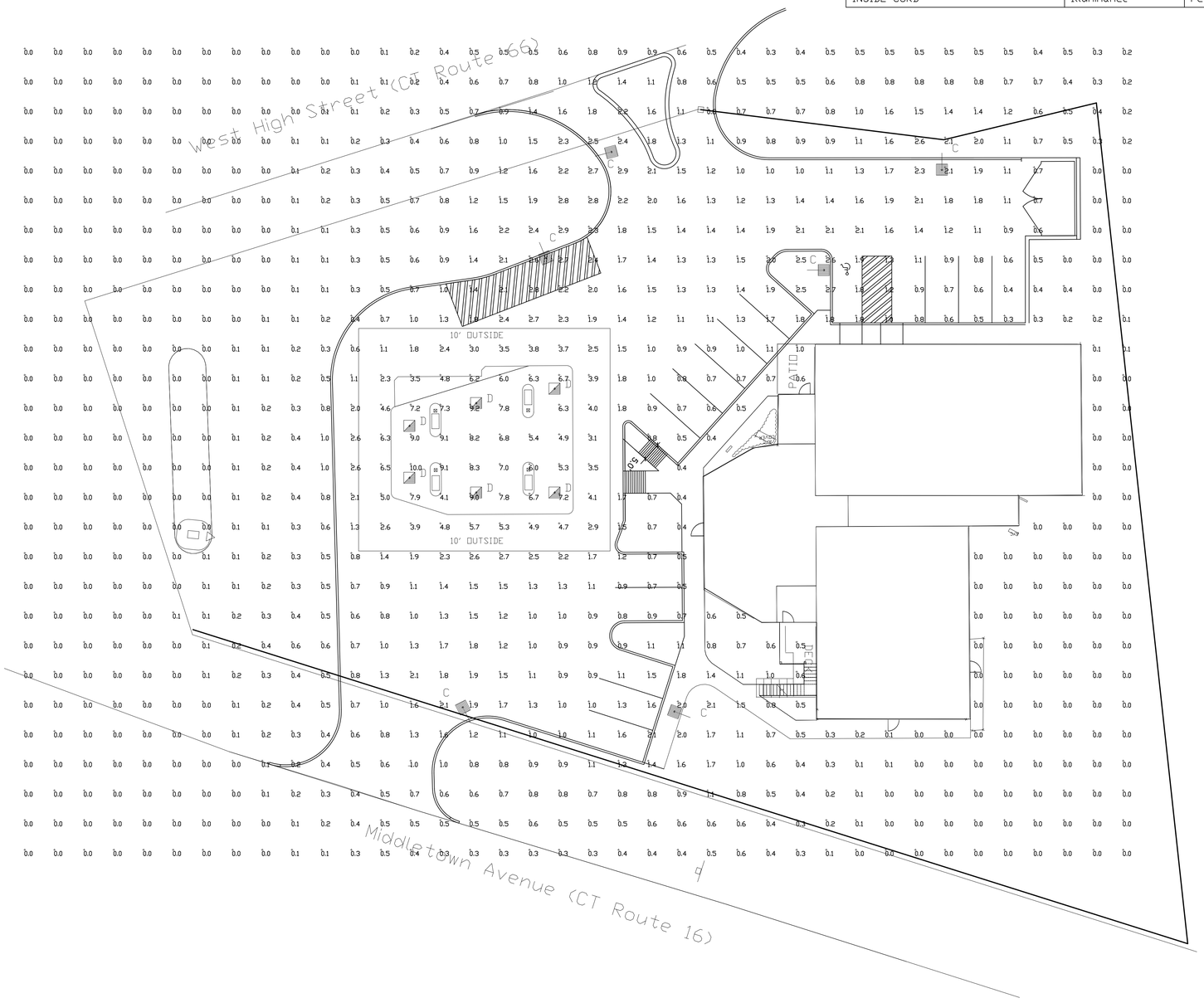
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SCALE:
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SHEET NAME: **CANOPY ELEVATIONS**
SHEET NO.: **A-2.0**

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	0.88	10.0	0.0	N.A.	N.A.
CANOPY	Illuminance	Fc	5.51	10.0	1.1	5.01	9.09
INSIDE CURB	Illuminance	Fc	1.36	2.9	0.3	4.53	9.67







Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	LLD	UDF	LLF	Arr. Lum. Lumens	Arr. Watts
	6	C	SINGLE	SLM-LED-09L-SIL-5W-50-70CRI-SINGLE-14'POLE+2'BASE DIMMED 40%	1.000	1.000	0.600	9262	68.2
	6	D	SINGLE	SCV-LED-10L-SC-50 MTD @ 15' DIMMED 60%	1.000	1.000	0.400	10306	66.1

Total Project Watts
Total Watts = 805.7999

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

1000 ALLIANCE RD. CINCINNATI, OHIO 45246 USA
(513) 793-3200 • FAX (513) 793-4433

LIGHTING PROPOSAL LD-152759-1

ROUTE 66 GAS
2249 WEST HIGH STREET
EAST HAMPTON,CT

BY:MVE	DATE:11-05-20	REV:11-13-20	SHEET 1 OF 1

SCALE: 1"=16' 0 16