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 PLOT DATE: 01/10/2024 10:38:46 AM FILE LOCATION: X:\2024\20240000\PROJECTS\2101 MIDDLE STREET PARKING\DRAWINGS\2101.DWG

SITE DEVELOPMENT PLANS FOR

2101 MIDDLE STREET PARKING

2101 MIDDLE STREET SULLIVAN'S ISLAND, SOUTH CAROLINA

SITE CONTACTS		
CLIENT	CIVIL ENGINEER MATTHEW CLINE, P.E. CLINE ENGINEERING P.O. BOX 21204 CHARLESTON, SC 29413 PHONE (843) 991-7239	PROJECT SURVEYOR DEAN L. BRITT, PLS BRITT LAND SURVEYING, INC. P.O. BOX 80333 CHARLESTON, SC 29416 PHONE (843) 810-6771
SOUTH CAROLINA EROSION CONTROL S.C.D.H.E.C. O.C.R.M. RICHARD GEER STORMWATER DIVISION 1362 MCMILLAN AVE. SUITE 400 CHARLESTON, SC 29405 PHONE (843) 953-0200	SULLIVAN'S ISLAND PLANNING AND ZONING JOE HENDERSON, AICP DIRECTOR OF PLANNING AND ZONING 2056 MIDDLE STREET SULLIVAN'S ISLAND, SC 29482 PHONE (843) 883-5731	

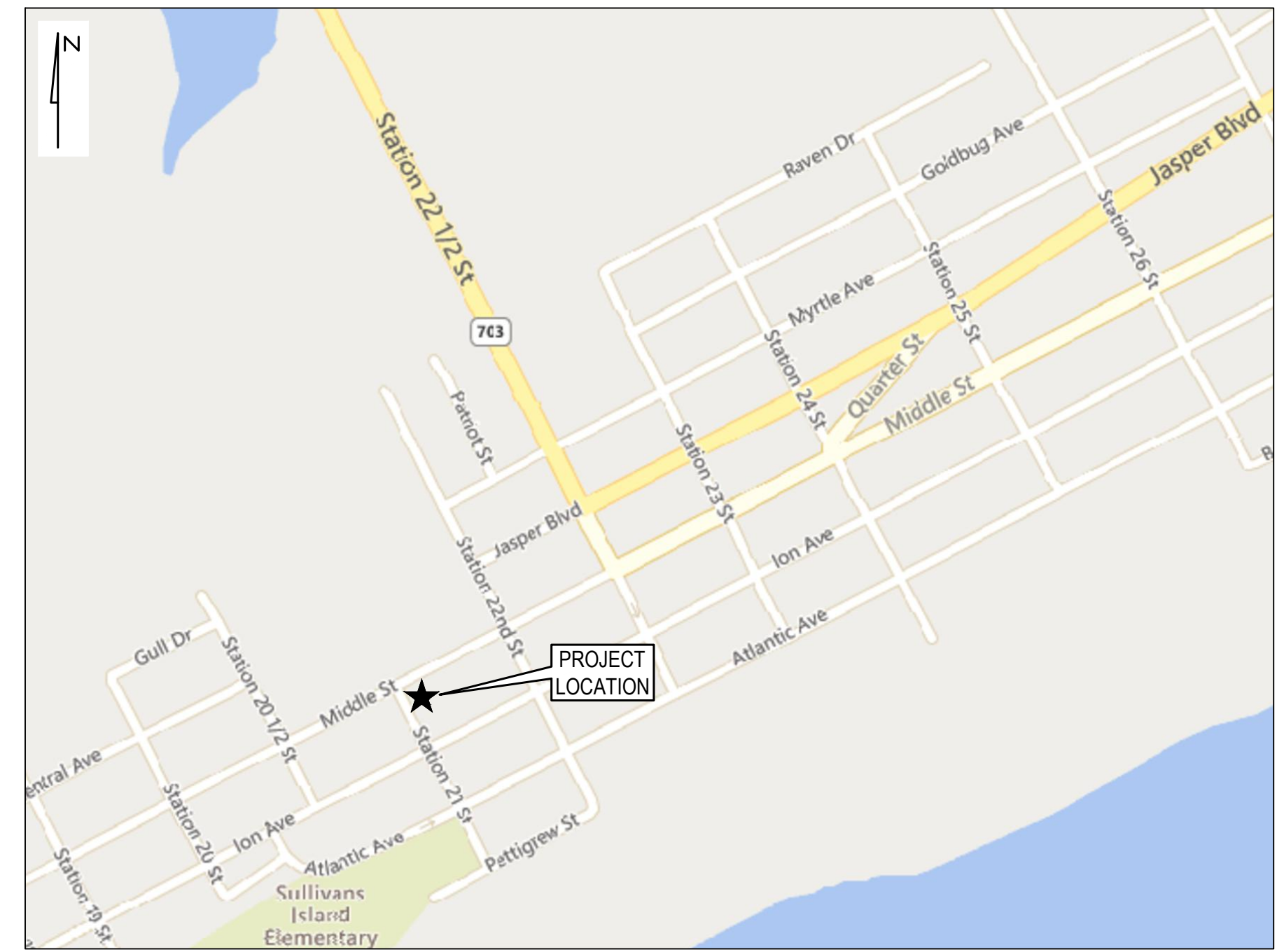
ADA COMPLIANCE

THE PUBLIC RIGHT-OF-WAY MUST REMAIN ADA COMPLIANT DURING CONSTRUCTION OR AN ALTERNATIVE ROUTE MUST BE PROVIDED. IT IS THE OWNERS RESPONSIBILITY TO REPAIR ALL DAMAGED SIDEWALKS TO REINSTATE AN ADA ACCESSIBLE ROUTE.

PROJECT DESCRIPTION

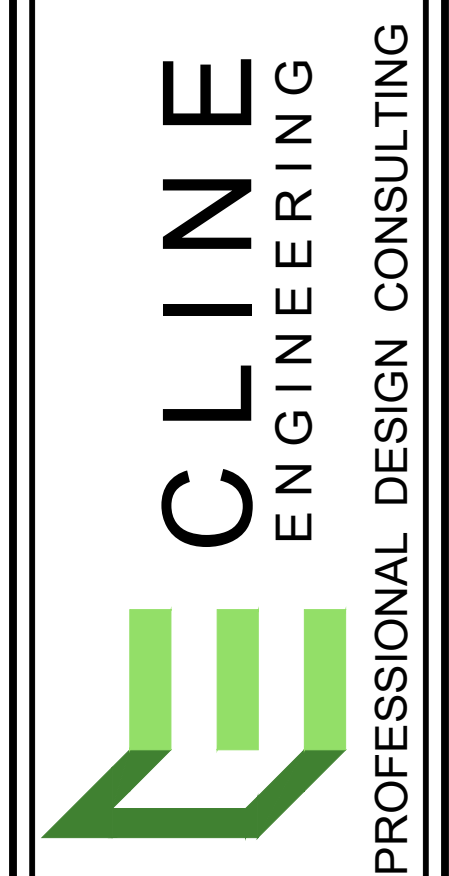
SITE IMPROVEMENTS WILL CONSIST OF THE INSTALLATION OF GRAVEL PARKING AND LANDSCAPING.

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
G-1	COVER
G-2	GENERAL NOTES
G-3	GENERAL NOTES
V-1	SITE CONDITIONS
C-1	SITE PLAN
C-2	CONSTRUCTION DETAILS
C-3	CONSTRUCTION DETAILS



VICINITY MAP
SCALE 1" = 500'

REV.	DATE	DESCRIPTION	DRAWN	APPV.	MDC
A	12/13/2024	ISSUED FOR REVIEW AND APPROVAL	AJ		



2101 MIDDLE STREET PARKING	COVER	SULLIVAN'S ISLAND SOUTH CAROLINA								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PROJECT MANAGER</td> <td style="width: 50%;">MDC</td> </tr> <tr> <td>DRAWN BY</td> <td>CD (AJ) JR</td> </tr> <tr> <td>PROJECT DATE</td> <td>DECEMBER 2023</td> </tr> <tr> <td>DWG NUMBER</td> <td>2101</td> </tr> </table>		PROJECT MANAGER	MDC	DRAWN BY	CD (AJ) JR	PROJECT DATE	DECEMBER 2023	DWG NUMBER	2101	SHEET NUMBER
PROJECT MANAGER	MDC									
DRAWN BY	CD (AJ) JR									
PROJECT DATE	DECEMBER 2023									
DWG NUMBER	2101									
		G-1								

DATUM:

THE BEARINGS SHOWN HEREON ARE SOUTH CAROLINA GRID NAD 1983 (2011) MODEL. VERTICAL DATUM IS BASED ON NAVD 1988. 1" CONTOUR INTERVAL.

FLOOD NOTE:

THIS PROPERTY IS SITUATED IN A FLOOD ZONE AE 10 AS PER SCALING FROM FEMA F.I.R.M. MAP NUMBER 450190 0539K DATED REVISED JANUARY 29, 2021.

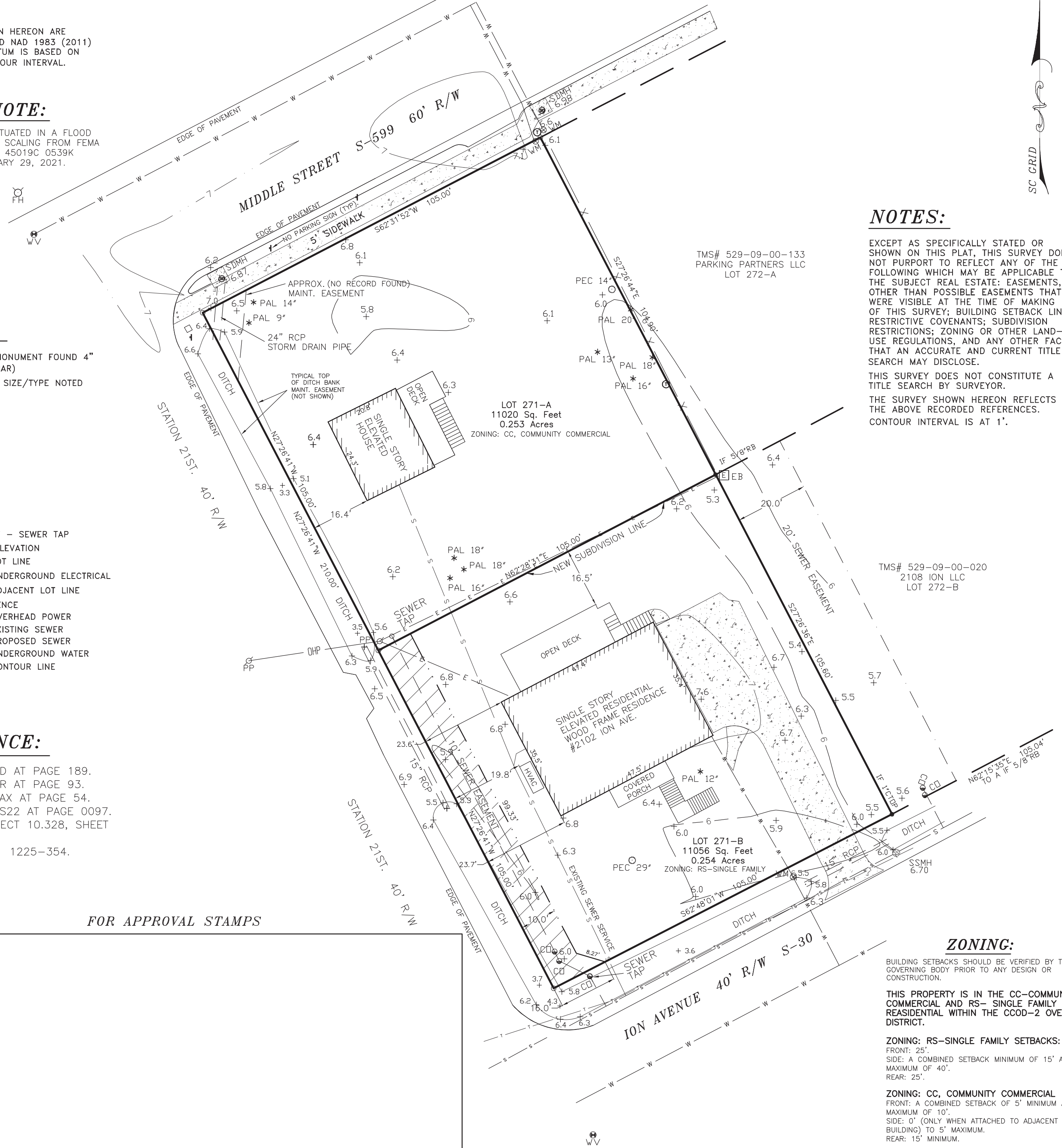
LEGEND:

- CMF CONCRETE MONUMENT FOUND 4"
- IS 5/8" RB (REBAR)
- IF (IRON FOUND) SIZE/TYPE NOTED
- △ PK NAIL SET
- ▲ PK NAIL FOUND
- ⊕ WATER VALVE
- ⊙ WATER METER
- ⊕ FH FIRE HYDRANT
- ⊕ ELECTRICAL BOX
- ⊕ TELEPHONE BOX
- + SPOT ELEVATION
- ⊕ POWER POLE
- ⊕ SEWER CLEANOUT - SEWER TAP
- FFE FINISH FLOOR ELEVATION
- LOT LINE
- E — UNDERGROUND ELECTRICAL
- ADJACENT LOT LINE
- X - FENCE
- OHP - OVERHEAD POWER
- S - EXISTING SEWER
- S - PROPOSED SEWER
- W - UNDERGROUND WATER
- 6 - CONTOUR LINE

REFERENCE:

- 1) PLAT BOOK D AT PAGE 189.
- 2) PLAT BOOK R AT PAGE 93.
- 3) PLAT BOOK AX AT PAGE 54.
- 4) PLAT BOOK S22 AT PAGE 0097.
- 5) SCDOT PROJECT 10.328, SHEET #4.
- 6) DEED BOOK 1225-354.

FOR APPROVAL STAMPS



NOTES:

EXCEPT AS SPECIFICALLY STATED OR SHOWN ON THIS PLAT, THIS SURVEY DOES NOT PURPORT TO REFLECT ANY OF THE FOLLOWING WHICH MAY BE APPLICABLE TO THE SUBJECT REAL ESTATE: EASEMENTS, OTHER THAN POSSIBLE EASEMENTS THAT WERE VISIBLE AT THE TIME OF MAKING OF THIS SURVEY; BUILDING SETBACK LINES; RESTRICTIVE COVENANTS; SUBDIVISION RESTRICTIONS; ZONING OR OTHER LAND-USE REGULATIONS, AND ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY SURVEYOR. THE SURVEY SHOWN HEREON REFLECTS THE ABOVE RECORDED REFERENCES. CONTOUR INTERVAL IS AT 1'.

TMS# 529-09-00-133
PARKING PARTNERS LLC
LOT 272-A

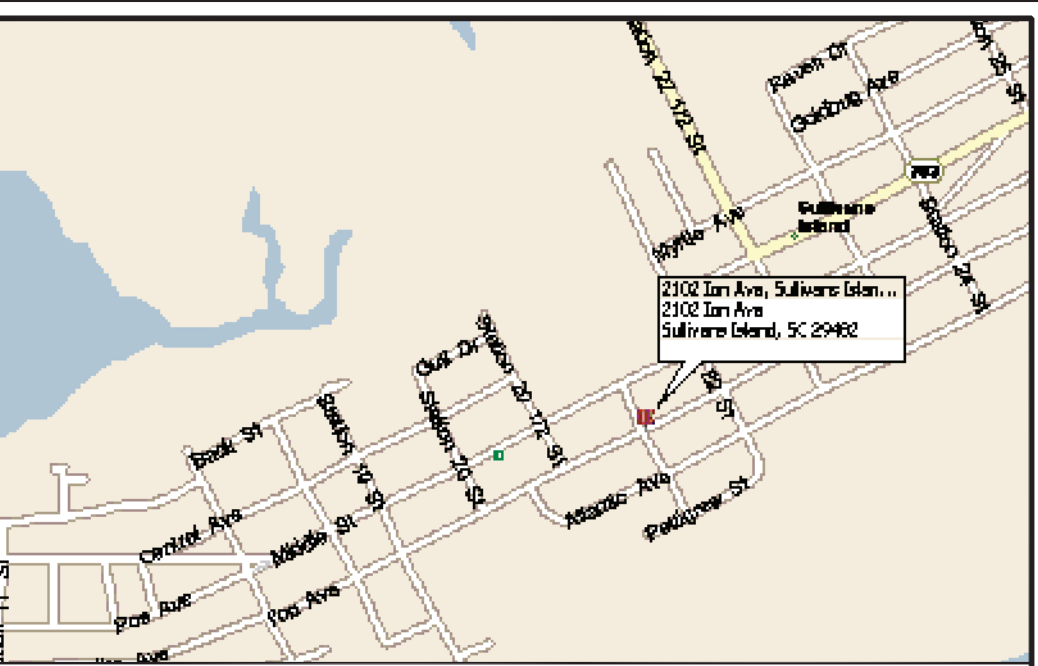
TMS# 529-09-00-020
2108 ION LLC
LOT 272-B

ZONING:
BUILDING SETBACKS SHOULD BE VERIFIED BY THE GOVERNING BODY PRIOR TO ANY DESIGN OR CONSTRUCTION.

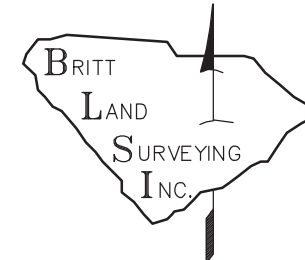
THIS PROPERTY IS IN THE CC-COMMUNITY COMMERCIAL AND RS-SINGLE FAMILY RESIDENTIAL WITHIN THE COOD-2 OVERLAY DISTRICT.

ZONING: RS-SINGLE FAMILY SETBACKS:
FRONT: 25'
SIDE: A COMBINED SETBACK MINIMUM OF 15' AND A MAXIMUM OF 40'.
REAR: 25'

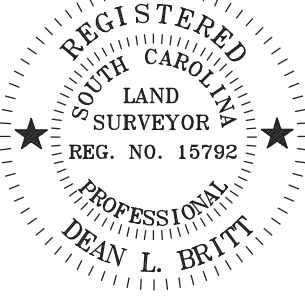
ZONING: CC, COMMUNITY COMMERCIAL
FRONT: A COMBINED SETBACK OF 5' MINIMUM AND A MAXIMUM OF 10'.
SIDE: 0' (ONLY WHEN ATTACHED TO ADJACENT BUILDING) TO 5' MAXIMUM.
REAR: 15' MINIMUM.



LOCATION MAP N.T.S.



BRITT LAND SURVEYING, INC.
P.O. BOX 80333
CHARLESTON, SC 29416
843-810-6771
WWW.BRITTSURVEYINGINC.COM

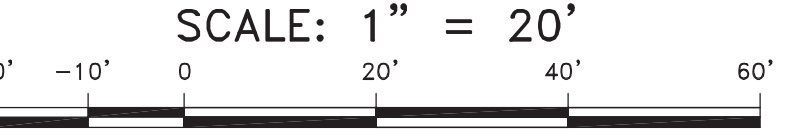


I, Dean L. Britt, a Registered Professional Land Surveyor in the State of South Carolina, certify to owner(s) shown hereon that this survey shown hereon was made in accordance with the requirements of the Minimum Standards Manual for the Practice of Land Surveying in South Carolina, and meets or exceeds the requirements for a class survey or specified therein.

Date: 09-12-2024

DEAN L. BRITT PLS S.C. REG. NO. 15792

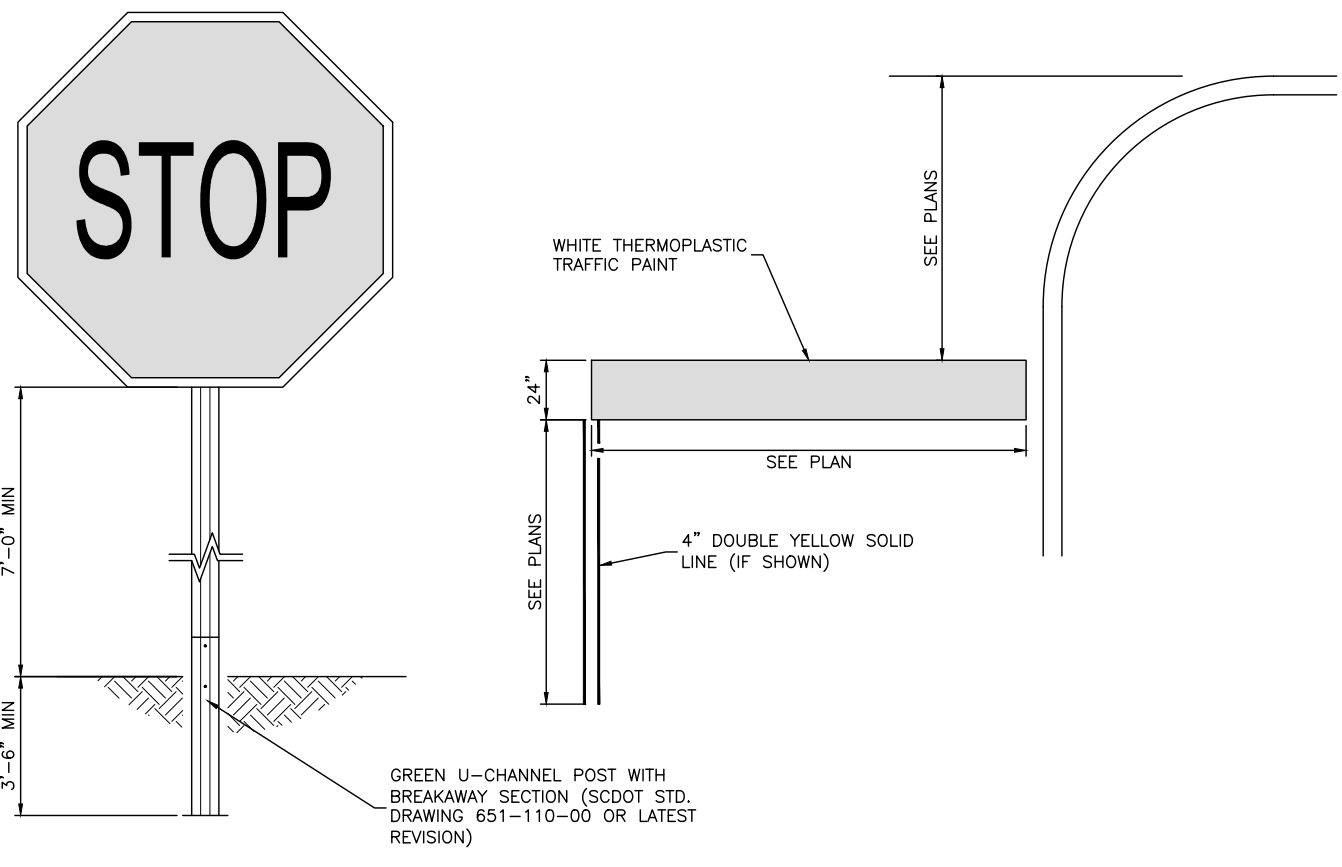
SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL AND SIGNATURE OF SURVEYOR.



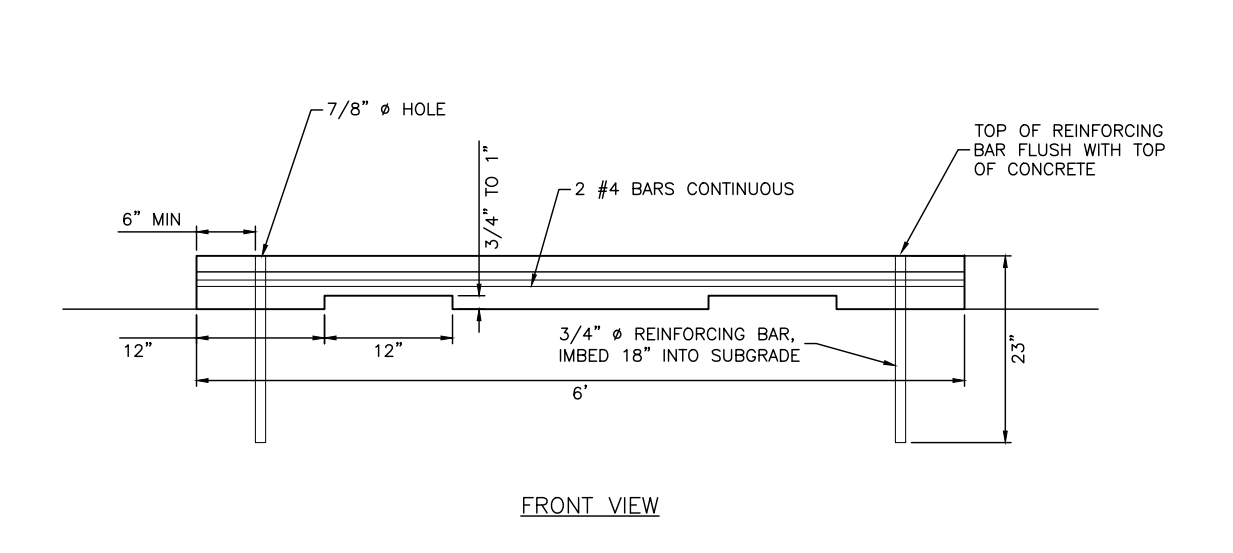
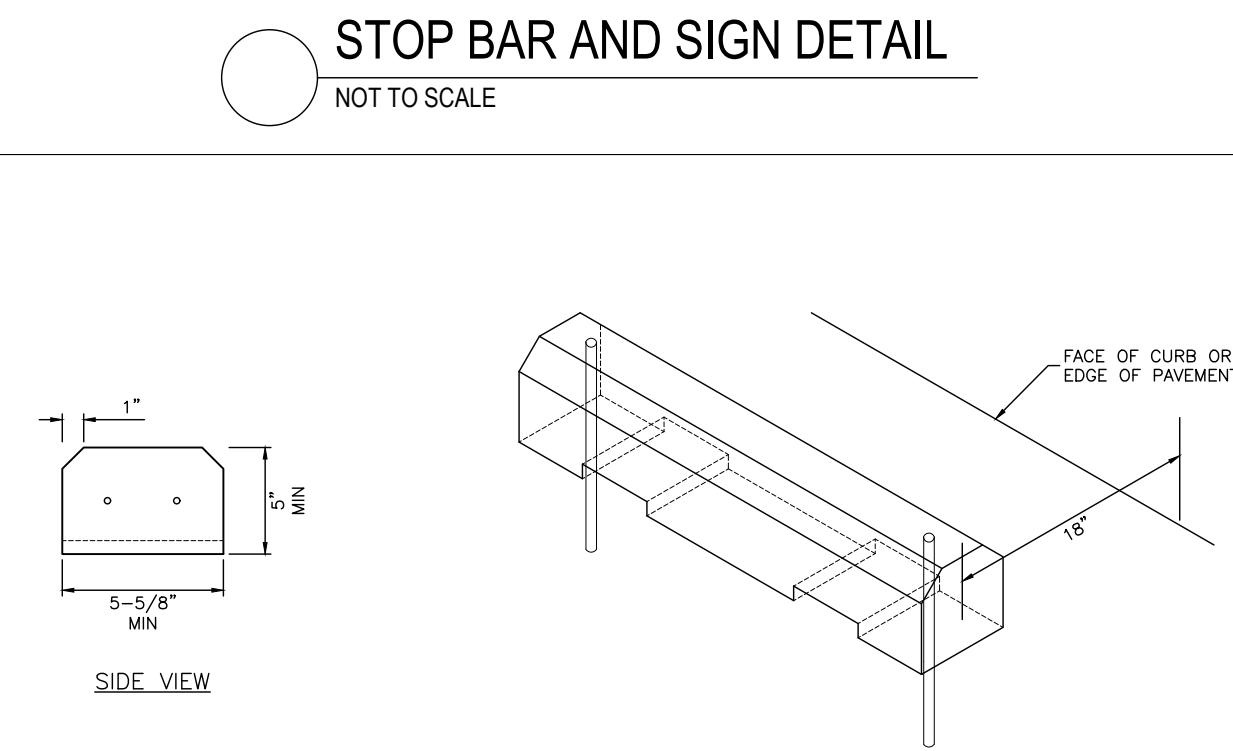
PLAT OF:
TOPOGRAPHIC SURVEY OF LOT 271
TMS# 529-09-00-019
CONTAINING A TOTAL OF
22,076 SQ-FT. / 0.507 ACRES
INTO LOT 271-A 11,020 SQ-FT. / 0.253 ACRES
AND LOT 271-B 11,056 SQ-FT. / 0.254 ACRES
2101 MIDDLE STREET
2102 ION AVENUE
OWNED BY:
RICHARD A. GRAHAM TRUST
LOCATED IN THE
TOWN OF SULLIVANS ISLAND
CHARLESTON COUNTY - SOUTH CAROLINA

LOCATION:	2102 ION AVENUE - 29482
TAX MAP #	529-09-00-019
DATE:	AUGUST 26, 2024
FIELD DATE:	AUGUST 23, 2024
JOB NO.	244012
COUNTY/STATE	CHARLESTON, S.C.

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- NOTES**
1. ALL STOPLINES ARE TO BE MARKED WITH 24" SOLID WHITE LINES.
 2. WHERE PEDESTRIAN CROSSINGS EXIST (MARKED OR UNMARKED), STOPLINES SHOULD BE PLACED IN ADVANCE OF, AND PARALLEL TO, THE NEAREST CROSSWALK LINE OR ASSUMED LINE. 4" MINIMUM SHOULD EXIST BETWEEN THE CROSSWALK AND STOPBAR.
 3. IN THE ABSENCE OF A MARKED CROSSWALK, THE STOPLINE SHOULD BE PLACED AT A DISTANCE OF NO LESS THAN 10 FEET AND NO MORE THAN 30 FEET FROM THE PAVEMENT EDGE OF THE INTERSECTING ROUTE.
 4. SEE SCOTT STANDARD DRAWINGS 625-305-00 (MAY 2009) AND 651-115-01 (MAY 2009) FOR ADDITIONAL DETAILS.
 5. MUTCD REFERENCE NUMBER R1-1 (R1-1-30 30"x30")
 6. INSTALLED ON MINIMUM 3/4" (7/8" GREEN U-CHANNEL POST.
 7. TO MEET MINIMUM REFLECTIVITY STANDARDS SET BY MUTCD QUALIFIED PRODUCTS LIST.
 8. TO MEET MINIMUM REFLECTIVITY STANDARDS SET BY MUTCD.
 9. THERMOPLASTIC PAINT REQUIRED WITHIN ALL PUBLIC RIGHTS-OF-WAY.



CREATING YOUR OWN PATTERNS

Step 1
Typically there is a look or feel that you want to express in an area. And there is nothing better to help with that than the laying pattern of the pavement surface. Back or running bond patterns create a structural advantage. Interlocking herringbone patterns can create a lot of different shapes. Solid block patterns make the reveal layout creating a random appearance and provide increased friction necessary for TRISCELAR applications. Start off by selecting the general shape that best fits your intent, or create your own custom repeatable pattern, such as the pattern adjacent. Make sure the general shape is repeatable before proceeding.

Step 2
Now select the scale of the pattern, keeping in mind (A) the size of the area (larger patterns can be used in larger areas), and (B) the application (refer to the notes above to verify the pattern is suitable for each application type). For vehicular applications, it is also important to have the scale less than 4" feet in length to provide proper interlock.

Step 3
Once you have decided on the scale of the laying pattern, it is time to fill the shape. The following are examples of the previous pattern with different sized pieces. Please note that even slight changes in the pieces used can alter the appearance dramatically.

Step 4
Adding colors, textures, and borders is where the true versatility of the Aqualine Series is realized. The available options are easily achieved by your imagination. Contact your local Belgard Representative for more options, and ask about the ability to add your "Belgard Process".

BELGARD COMMERCIAL
Proven Hardscape Solutions
Proven. Proven. Proven.

Aqualine Series™ Commercial Collection

Designed to provide an aesthetically pleasing large format permeable surface that is pedestrian friendly and functional for vehicular traffic, the Aqualine Series by Belgard™ combines structural joints and enhancing joints to optimize system performance. All units are part of either an integral 4.5 inch or 6-inch dimensional increment series and have a raster / footprint that is exactly as specified, allowing all pieces in each series to fit together as intended.

BELGARD COMMERCIAL
Proven Hardscape Solutions
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 LinkedIn: BelgardProvenSolutions

Product Details

AQUALINE SERIES™ PERMEABLE PAVERS

PAVERS	Paver Thickness	APPLICATIONS				COLORGUARD™ PROCESS		TEXTUREGUARD™ PROCESS		MECHANICAL JOINTS		FINISHES	
		COMMERCIAL PLAZAS	FACILITY & BUSINESS PARKING	COMMERCIAL & RESIDENTIAL ROAD	MINOR COLLECTOR & BUS PARKING	ADA COMPLIANT*	PERMEABLE COLLECTION	Color Guard	Texture Guard	Smooth	Antiskid	Textured Antiskid	
4 1/2" x 9"	80 mm / 3 1/8" deep	80 mm	80 mm	80 mm	100.0 mm	✓	✓	✓	✓	✓	✓	✓	✓
8" x 8" L-Block	80 mm / 3 1/8" deep	80 mm	80 mm	80 mm	100.0 mm	✓	✓	✓	✓	✓	✓	✓	✓
3" x 12"	80 mm / 3 1/8" deep	80 mm	80 mm	100.0 mm	100.0 mm	✓	✓	✓	✓	✓	✓	✓	✓
6" x 6"	80 mm / 3 1/8" deep	80 mm	80 mm	80 mm	100.0 mm	✓	✓	✓	✓	✓	✓	✓	✓
8" x 12"	80 mm / 3 1/8" deep	80 mm	80 mm	100.0 mm	100.0 mm	✓	✓	✓	✓	✓	✓	✓	✓
12" x 12"	80 mm / 3 1/8" deep	80 mm	80 mm	100.0 mm	100.0 mm	✓	✓	✓	✓	✓	✓	✓	✓
12" x 12" L-Block	80 mm / 3 1/8" deep	80 mm	80 mm	100.0 mm	100.0 mm	✓	✓	✓	✓	✓	✓	✓	✓

SAMPLE AQUALINE PATTERNS

NOTE: Patterns recommended for TRISCELAR USE are highlighted in grey.

A BASKET WEAVE 4.5 x 9 or 9 x 12

B COURSED RUNNING BOND 2-6 x 12 (25%), 3-6 x 6 (25%)

C SPANISH BOND 1-6 x 6 (75%), 4-6 x 12 (25%)

D HERRINGBONE 4.5 x 9 or 9 x 12

E BOX PATTERN 2 1-4 x 6 (4%), 1-6 x 12 (25%), 1-12 x 12 (25%)

F BOX PATTERN 3 1-4 x 6 (4%), 1-6 x 12 (25%), 1-12 x 12 (25%)

NATIONAL COLOR OFFERING

Belgard Colors High Definition Plus also come in a number of local colors. Check with your local Belgard Sales Representative for details.

2" Geogrid

Deviation of the actual weight of the nominal can be up to 10%

Rev	Sheet	Doc. No.	Sign.	Date
1				11.01.18

8750
Load Class A

Plastic

Scale: 1:10

Sheet: 1 of 1

2101 MIDDLE STREET PARKING

CONSTRUCTION DETAILS

SULLIVAN'S ISLAND SOUTH CAROLINA

PROJECT MANAGER: MDC
 DRAWN BY: CD (AJ) JR
 PROJECT DATE: DECEMBER 2018
 FOR NUMBER: 2018

SHEET NUMBER: **C-3**

REV.	DATE	DESCRIPTION	DRAWN	APPV.
A	12/13/2024	ISSUED FOR REVIEW AND APPROVAL	AJ	MDC