

SITE PLAN

FOR



PROPOSED BANK WITH REMOTE DRIVE-UP ATM

MAP 150A, LOTS 1 & 15

576 METACOM AVENUE (RHODE ISLAND ROUTE 136)
TOWN OF BRISTOL, BRISTOL COUNTY, RHODE ISLAND



SOURCE: USGS QUADRANGLE MAP 7.5 MINUTE SERIES, BRISTOL & FALL RIVER, RI-MA, DATED 2021

LOCATION / KEY MAP

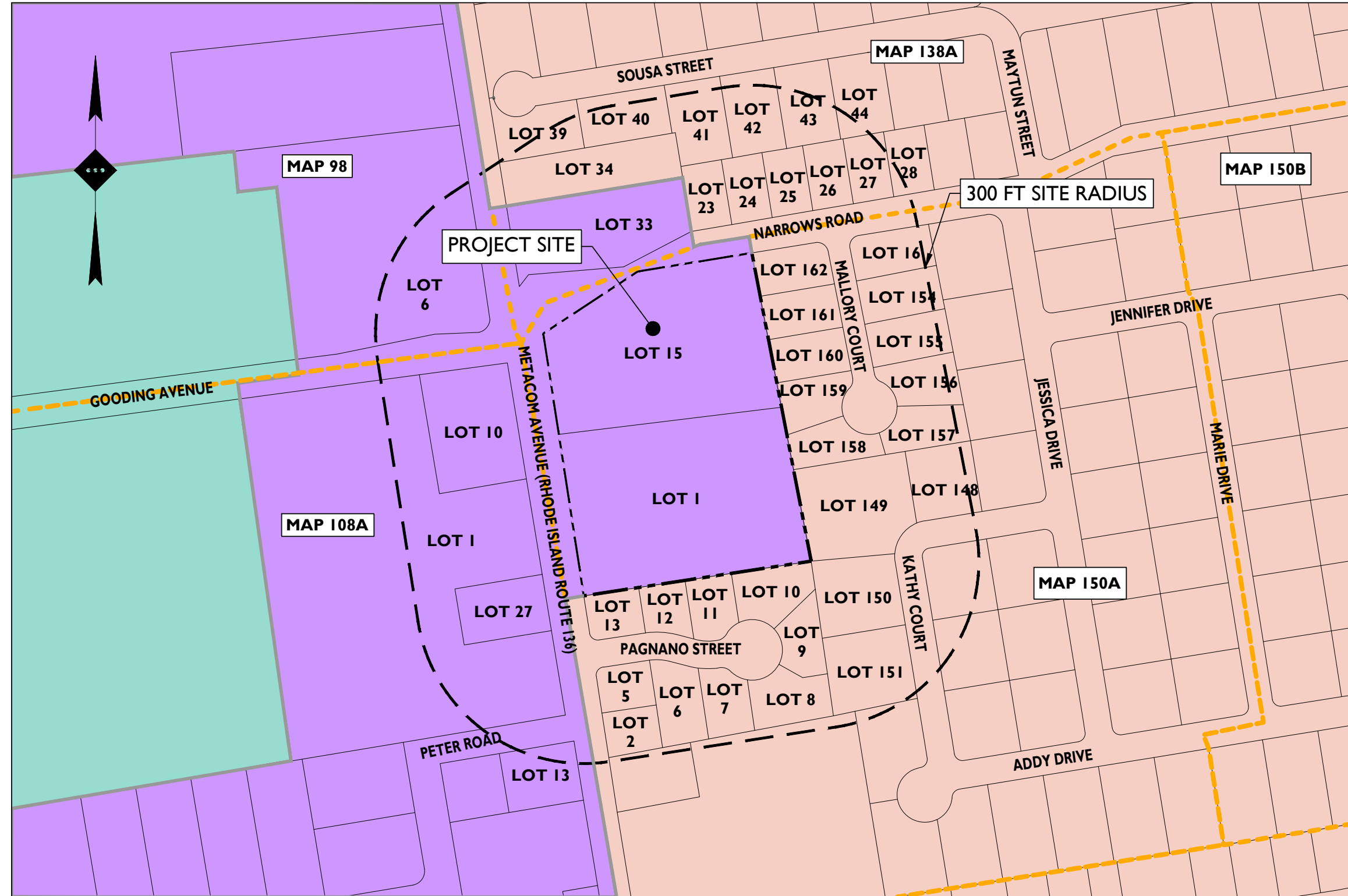
SCALE: 1" = 1000'±



SOURCE: GOOGLE EARTH PRO, DATED 6/6/2022

AERIAL MAP

SCALE: 1" = 200'±



SOURCE: TOWN OF BRISTOL TAX MAP NUMBERS 150, 138, 108, & 98 DATED 12/31/2021

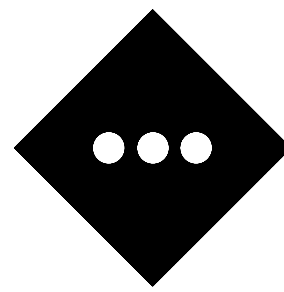
TAX / ZONING / OTHER MAP

SCALE: 1" = 200'±

PLAN REFERENCE MATERIALS:

- THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO:
 - BOUNDARY, PARTIAL TOPOGRAPHIC & UTILITY SURVEY OF THE SUBJECT PROPERTY, PREPARED BY CONTROL POINT ASSOCIATES, INC., AND DATED 1/13/2023.
 - ARCHITECTURAL PLANS
 - GEOTECHNICAL REPORT
 - AERIAL MAP OBTAINED FROM GOOGLE EARTH PRO, DATED 6/6/2022.
 - KEY MAP OBTAINED FROM USGS QUADRANGLE MAP 7.5 MINUTE SERIES, BRISTOL RI-MA, DATED 2021 & USGS QUADRANGLE MAP 7.5 MINUTE SERIES, FALL RIVER RI-MA, DATED 2021
 - TAX & ZONING MAPS OBTAINED FROM TOWN OF BRISTOL GIS, DATED 12/31/2021
- ALL REFERENCE MATERIAL LISTED ABOVE SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THESE MATERIALS SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF EACH REFERENCE AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

PLANS PREPARED BY:



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ZONING LEGEND

- R-15 - RESIDENTIAL (15,000 SF LOT SIZE)
- GB - GENERAL BUSINESS
- OS - OPEN SPACE



Know what's below
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SHEET INDEX

DRAWING TITLE	SHEET #
COVER SHEET	C-1
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JOSHUA H. KLINE, P.E.
RHODE ISLAND LICENSE No. 13607
LICENSED PROFESSIONAL ENGINEER



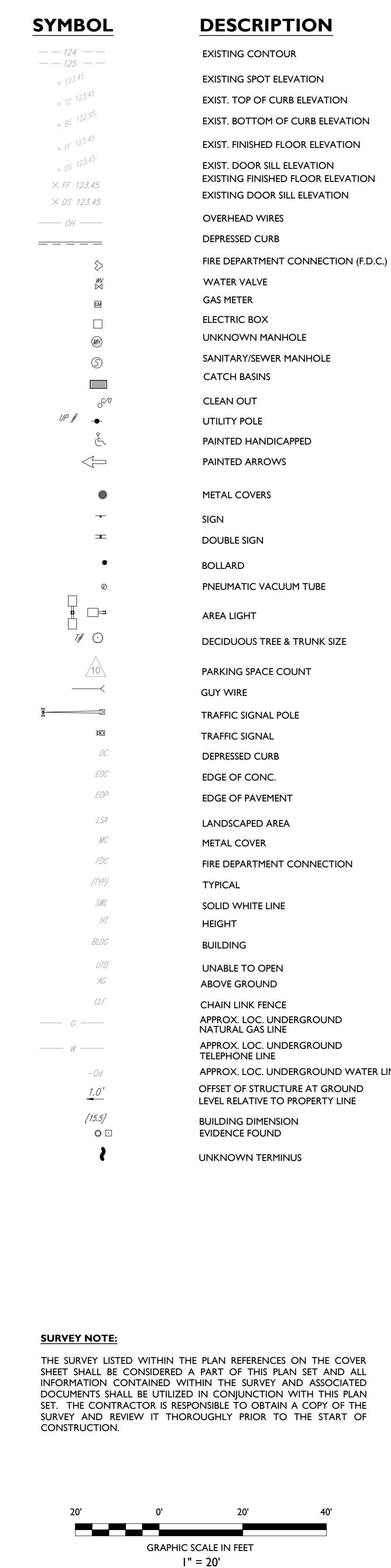
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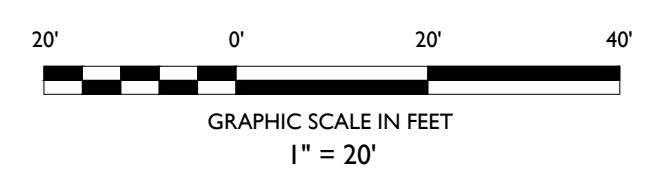
TITLE:

COVER SHEET

DRAWING:

C-1

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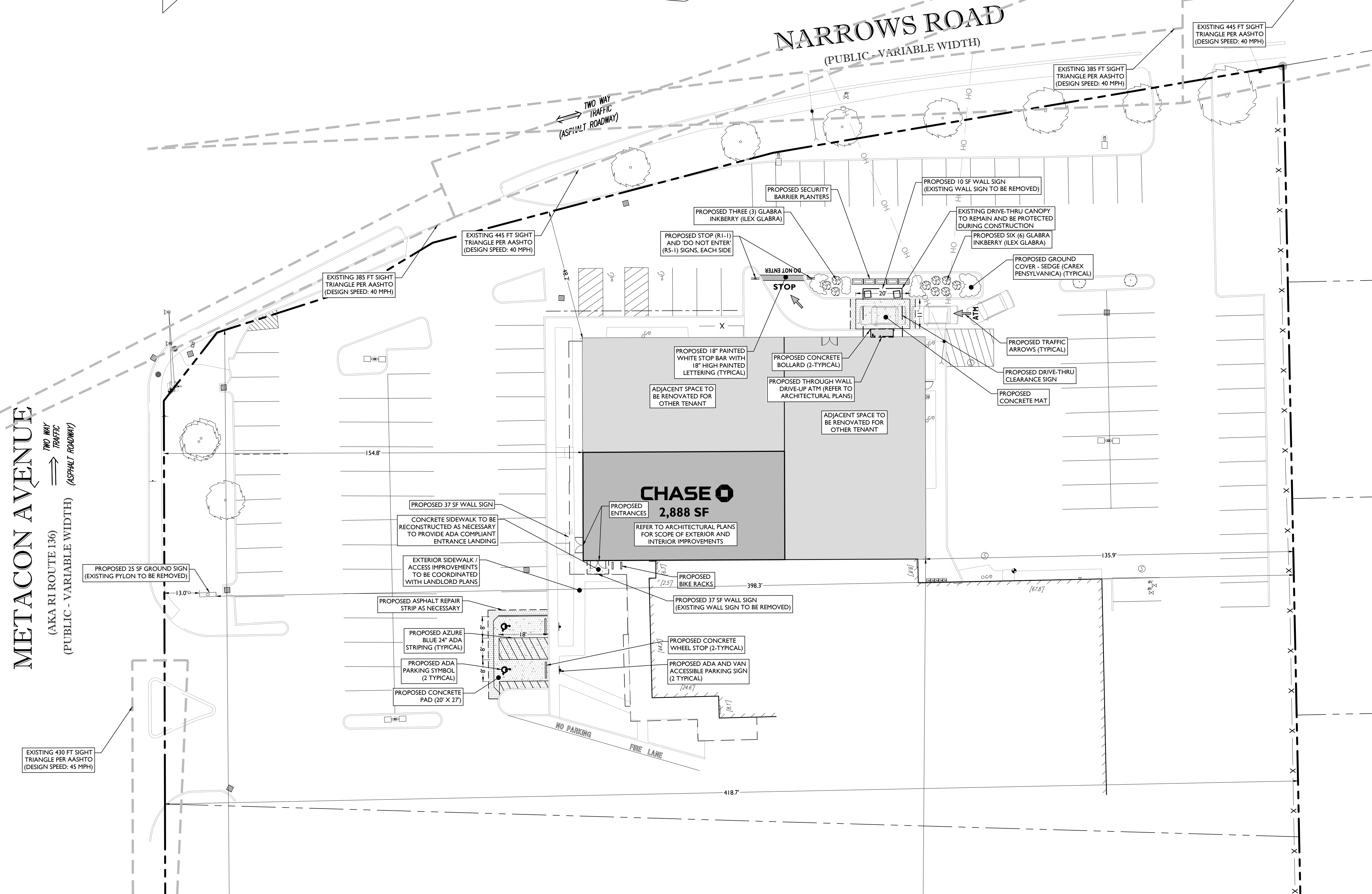
C-3

SIGNAGE REQUIREMENTS		
CODE SECTION	REQUIRED	PROPOSED
§ 28-373(B)	MAXIMUM NUMBER OF SIGNS: NARROWS RD: 1 WALL OR AWNING SIGN METACON AVENUE: 1 WALL OR AWNING SIGN FREESTANDING SIGN: 1 PERMITTED	1 AWNING SIGN 2 WALL SIGNS (V) 0 SIGN (H)
§ 28-374 TABLE 1	MAXIMUM SIZE: HORIZONTAL WALL SIGN : 15 SF + (15 X 0.25) = 18.75 SF (H) AWNING/CANOPY SIGN: 8 SF	36.9 SF 9.2 SF (V)
§ 28-374 TABLE 1	MINIMUM SETBACK: FREESTANDING SIGN: LOT LINES = 10 RESIDENTIAL ZONE = 50 FT	13.0 FT 398.2 FT
§ 28-373(G)	MAXIMUM HEIGHT: 5 FT ABOVE ROOFLINE	COMPLIES
§ 28-373(G)	PLACEMENT STANDARDS: SIGNS SHALL NOT BE PLACED WITHIN STREET SITE TRIANGLE OR ROW	COMPLIES

(V) VARIANCE
(H) FOR BUILDINGS WITH A PUBLIC ENTRANCE AND PARKING IN THE REAR AS WELL AS IN THE FRONT, THERE MAY BE AN ADDITIONAL WALL, PROJECTING, WINDOW OR AWNING / CANOPY SIGN PLACED AT THE REAR BUILDING ENTRANCE.
(H) EXISTING PYLON SIGN TO BE REMOVED AND REPLACED
(H) SIGNS MAY INCREASE 25% FOR EVERY 100 FT OF BUILDING SETBACK FROM THE STREET LINE

LAND USE AND ZONING			
MAP 150A, LOT 15			
GENERAL BUSINESS (GB)			
PROPOSED USE		PERMITTED USE	
BANK		SPECIAL USE PERMIT REQUIRED	
DRIVE-THRU		SPECIAL USE PERMIT REQUIRED	
ZONING REQUIREMENT	REQUIRED	EXISTING (*)	PROPOSED
MINIMUM LOT AREA	0.23 AC (10,000 SF)	2.25 AC (98,022)	NO CHANGE
MINIMUM LOT WIDTH	100 FT	471.2 FT	NO CHANGE
MINIMUM LOT FRONTAGE	100 FT	191.2 FT	NO CHANGE
MAXIMUM IMPERVIOUS COVERAGE	70% (68,615.4 SF)	89.4% (87,675 SF) (EN)	89.4% (87,653 SF)
MAXIMUM BUILDING COVERAGE	40% (39,209 SF)	±23.0% (22,527 SF)	NO CHANGE
MAXIMUM BUILDING HEIGHT	35 FT	<35 FT	NO CHANGE
MAXIMUM FLOOR AREA RATIO	50% (49,011 SF)	±23.0% (22,527 SF)	NO CHANGE
MAXIMUM ACCESSORY STRUCTURE HEIGHT	35 FT	N/A	NO CHANGE
MINIMUM STRUCTURE ZONE SETBACK	25 FT	135.9 FT	NO CHANGE
MINIMUM FRONT YARD SETBACK	25 FT	154.8 FT	NO CHANGE
MINIMUM SIDE YARD SETBACK	10 FT	0.0 FT (EN)	NO CHANGE
MINIMUM REAR YARD SETBACK	30 FT	135.9 FT	NO CHANGE

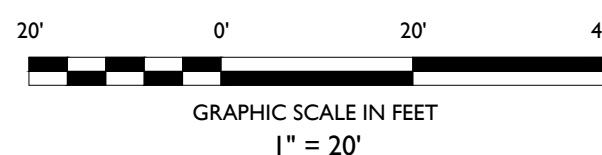
(EN) EXISTING NON-CONFORMITY
(*) EXISTING VALUES ARE APPROXIMATE AND FOR REFERENCE ONLY. THE PROPOSED APPLICATION DOES NOT SEEK TO MAKE ANY MODIFICATIONS TO THE BUILDING.



PROPERTY OWNER IS RESPONSIBLE FOR ENSURING THE SITE IS IN CONFORMANCE WITH ALL APPLICABLE ADA STANDARDS INCLUDING BUT NOT LIMITED TO PATH OF TRAVEL FROM RIGHT-OF-WAY AND ADA PARKING FACILITIES TO THE BUILDING. STONEFIELD'S SCOPE OF WORK HAS BEEN LIMITED TO RECONSTRUCTION OF THE ADA PARKING SPACES AS SHOWN ON THE PLAN AND TAKES NO RESPONSIBILITY FOR ADA COMPLIANCE OF THE EXTERIOR IMPROVEMENTS AND/OR PATH OF TRAVEL FOR THE BUILDING.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY AND FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE PROPOSED SCOPE OF WORK (INCLUDING DIMENSIONS, LAYOUT, ETC.) PRIOR TO INITIATING THE IMPROVEMENTS IDENTIFIED WITHIN THESE DOCUMENTS. SHOULD ANY DISCREPANCY BE FOUND BETWEEN THE EXISTING SITE CONDITIONS AND THE PROPOSED WORK, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND ENSURE THAT ALL REQUIRED APPROVALS HAVE BEEN OBTAINED PRIOR TO THE START OF CONSTRUCTION. COPIES OF ALL REQUIRED PERMITS AND APPROVALS SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION.
- ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS STONEFIELD ENGINEERING & DESIGN, LLC, AND ITS SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES AND LIABILITIES INCLUDING ATTORNEY'S FEES ARISING OUT OF CLAIMS BY EMPLOYEES OF THE CONTRACTOR IN ADDITION TO CLAIMS CONNECTED TO THE PROJECT AS A RESULT OF NOT CARRYING THE PROPER INSURANCE FOR WORKERS COMPENSATION, LIABILITY INSURANCE, AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE.
- THE CONTRACTOR SHALL NOT DEVIATE FROM THE PROPOSED IMPROVEMENTS IDENTIFIED WITHIN THIS PLAN SET UNLESS APPROVAL IS PROVIDED IN WRITING BY STONEFIELD ENGINEERING & DESIGN, LLC.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOT PERFORM ANY WORK OR CAUSE DISTURBANCE ON A PRIVATE PROPERTY NOT CONTROLLED BY THE PERSON OR ENTITY WHO HAS AUTHORIZED THE WORK WITHOUT PRIOR WRITTEN CONSENT FROM THE OWNER OF THE PRIVATE PROPERTY.
- THE CONTRACTOR IS RESPONSIBLE TO RESTORE ANY DAMAGED OR UNDERMINED STRUCTURE OR SITE FEATURE THAT IS IDENTIFIED TO REMAIN ON THE PLAN SET. ALL REPAIRS SHALL USE NEW MATERIALS TO RESTORE THE FEATURE TO ITS EXISTING CONDITION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE SHOP DRAWINGS, PRODUCT DATA, AND OTHER REQUIRED SUBMITTALS FOR REVIEW. STONEFIELD ENGINEERING & DESIGN, LLC, WILL REVIEW THE SUBMITTALS IN ACCORDANCE WITH THE DESIGN INTENT AS REFLECTED WITHIN THE PLAN SET.
- THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK IN THE PUBLIC RIGHT-OF-WAY IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AUTHORITY AND SHALL BE RESPONSIBLE FOR THE PROCUREMENT OF STREET OPENING PERMITS.
- THE CONTRACTOR IS REQUIRED TO RETAIN AN OSHA CERTIFIED SAFETY INSPECTOR TO BE PRESENT ON SITE AT ALL TIMES DURING CONSTRUCTION & DEMOLITION ACTIVITIES.
- SHOULD AN EMPLOYEE OF STONEFIELD ENGINEERING & DESIGN, LLC, BE PRESENT ON SITE AT ANY TIME DURING CONSTRUCTION, IT DOES NOT RELIEVE THE CONTRACTOR OF ANY OF THE RESPONSIBILITIES AND REQUIREMENTS LISTED IN THE NOTES WITHIN THIS PLAN SET.



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CHASE
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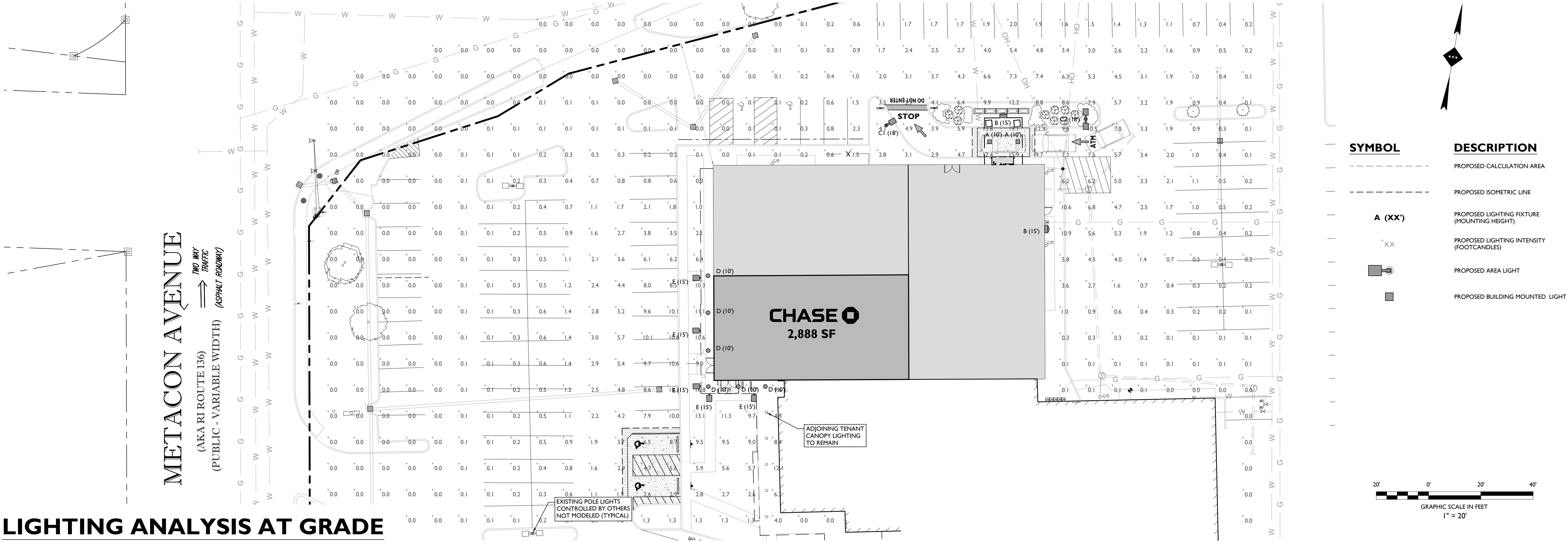
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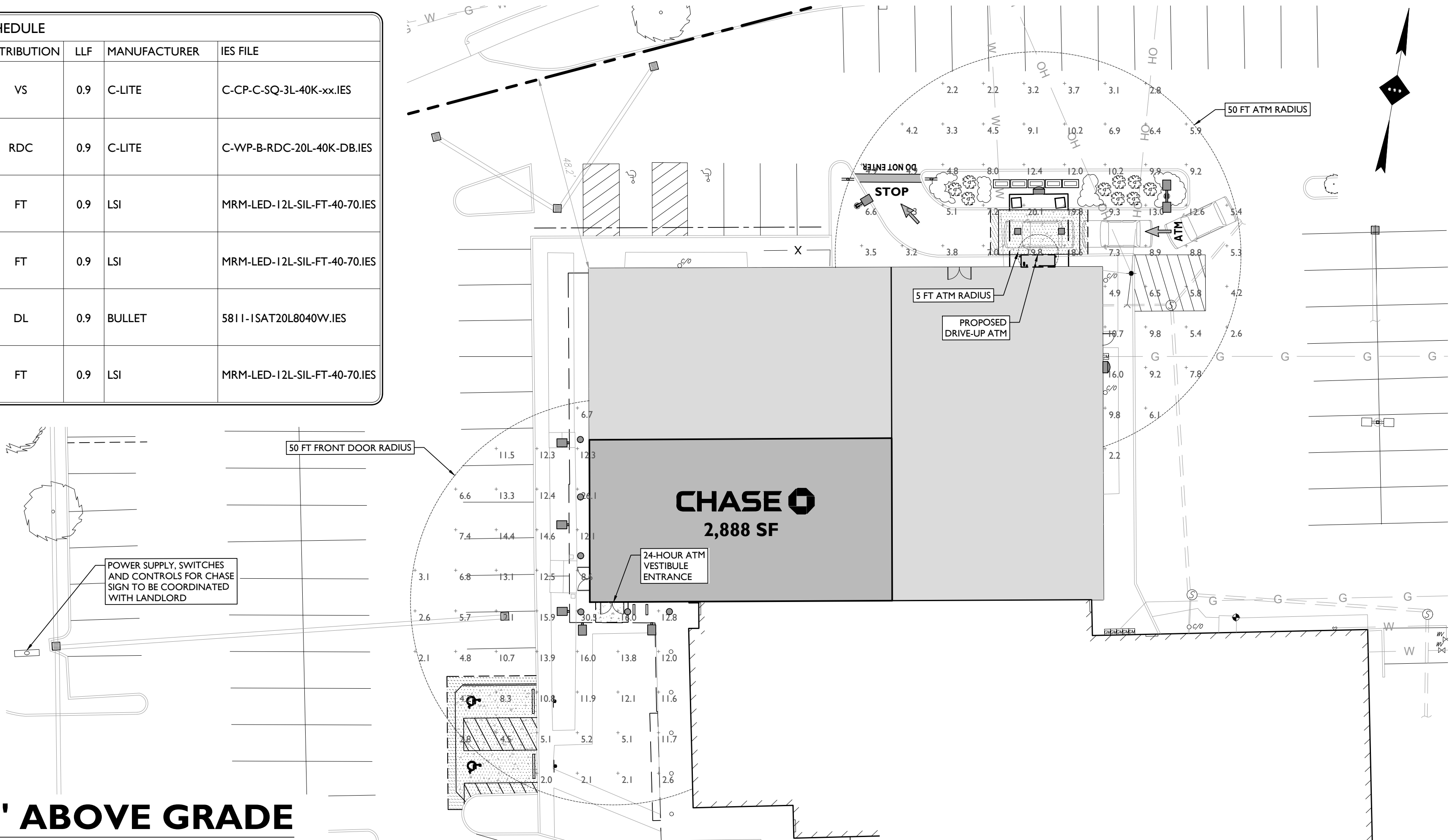
DRAWING: C-4



LIGHTING ANALYSIS AT GRADE

PROPOSED LUMINAIRE SCHEDULE						
SYMBOL	LABEL	QUANTITY	SECURITY LIGHTING	DISTRIBUTION	LLF	MANUFACTURER IES FILE
	A	2	C-CP-C-SQ SERIES SQAURE LED CANOPY LIGHT	VS	0.9	C-LITE C-CP-C-SQ-3L-40K-xx.IES
	B	2	C-LITE CUTOFF LED WALL PACK (C-WP-B-RDC-20L-40K-DB.IES)	RDC	0.9	C-LITE C-WP-B-RDC-20L-40K-DB.IES
	C1	1	MRM MIRADA SHIELDED POLE MOUNTED SINGLE AREA LIGHT	FT	0.9	LSI MRM-LED-12L-SIL-FT-40-70.IES
	C2	1	MRM MIRADA SHIELDED POLE MOUNTED SINGLE AREA LIGHT	FT	0.9	LSI MRM-LED-12L-SIL-FT-40-70.IES
	D	6	OUTDOOR RECESSED FIXED DOWNLIGHT	DL	0.9	BULLET 5811-ISAT20L8040V.IES
	E	5	MRM MIRADA WALL MOUNTED AREA LIGHT	FT	0.9	LSI MRM-LED-12L-SIL-FT-40-70.IES

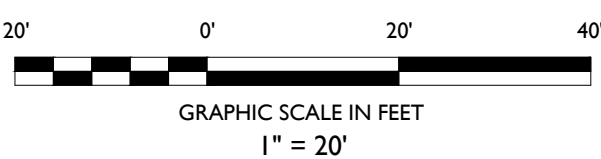
STANDARD CHASE BANK ATM / AHD REQUIREMENTS	
REQUIRED	PROPOSED
MINIMUM 10 FOOTCANDLES AT FACE OF ATM EXTENDING 5 FEET OUTWARD IN ALL DIRECTIONS MEASURED 36" ABOVE GRADE	16.0
MINIMUM 2 FOOTCANDLES AT FACE OF ATM EXTENDING 50 FEET OUTWARD IN ALL DIRECTIONS MEASURED 36" ABOVE GRADE	2.2
MINIMUM 2 FOOTCANDLES AT FACE OF FRONT DOOR EXTENDING 50 FEET OUTWARD IN ALL DIRECTIONS MEASURED 36" ABOVE GRADE WITHIN PATH OF ACCESS	2.0



LIGHTING ANALYSIS AT 36" ABOVE GRADE

- GENERAL LIGHTING NOTES**
- THE LIGHTING LEVELS DEPICTED WITHIN THE PLAN SET ARE CALCULATED UTILIZING DATA OBTAINED FROM THE LISTED MANUFACTURER. ACTUAL ILLUMINATION LEVELS AND PERFORMANCE OF ANY PROPOSED LIGHTING FIXTURE MAY VARY DUE TO UNCONTROLLABLE VARIABLES SUCH AS WEATHER, VOLTAGE SUPPLY, LAMP TOLERANCE, EQUIPMENT SERVICE LIFE AND OTHER VARIABLE FIELD CONDITIONS.
 - WHERE APPLICABLE, THE EXISTING LIGHT LEVELS DEPICTED WITHIN THE PLAN SET SHALL BE CONSIDERED APPROXIMATE. THE EXISTING LIGHT LEVELS ARE BASED ON FIELD OBSERVATIONS AND THE MANUFACTURER'S DATA OF THE ASSUMED OR MOST SIMILAR LIGHTING FIXTURE MODEL.
 - UNLESS NOTED ELSEWHERE WITHIN THIS PLAN SET, THE LIGHT LOSS FACTORS USED IN THE LIGHTING ANALYSIS ARE AS FOLLOWS:
 - LIGHT EMITTING DIODES (LED): 0.90
 - HIGH PRESSURE SODIUM: 0.72
 - METAL HALIDE: 0.72
 - THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IN WRITING, PRIOR TO THE START OF CONSTRUCTION, OF ANY PROPOSED LIGHTING LOCATIONS THAT CONFLICT WITH EXISTING/ PROPOSED DRAINAGE, UTILITY, OR OTHER IMPROVEMENTS.
 - THE CONTRACTOR IS RESPONSIBLE TO PREPARE A WIRING PLAN AND PROVIDE ELECTRIC SERVICE TO ALL PROPOSED LIGHTING FIXTURES. THE CONTRACTOR IS REQUIRED TO PREPARE AN AS-BUILT PLAN OF WIRING AND PROVIDE COPIES TO THE OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC.

- ATM LIGHTING NOTES:**
- THE CONTRACTOR SHALL REPLACE LAMP COVERS, RE-LAMP AND RE-BALLAST EXISTING LIGHT FIXTURES AS INDICATED WITHIN THE PLAN SET. THE EXISTING FIXTURE HEIGHT SHALL BE MAINTAINED UNLESS INDICATED OTHERWISE. THE LIGHTING DESIGN IS SUBJECT TO CHANGE IF THE EXISTING LIGHT FIXTURES ARE NOT GREATER THAN OR EQUAL TO THE FOLLOWING WATTAGE:
 - FIXTURE WATTAGE = MINIMUM WATTS
 - PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IN WRITING IF THE EXISTING LIGHT FIXTURES ARE NOT THE MINIMUM WATTAGE SPECIFIED WITHIN THE PLAN SET.
 - THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT ANY EXISTING LIGHT POLES IDENTIFIED FOR REUSE WITH A PROPOSED LIGHT FIXTURE(S) SHALL BE IN ACCEPTABLE WORKING CONDITION AND HAVE THE CAPACITY TO SUPPORT THE PROPOSED LIGHT FIXTURE(S). ANY MOUNTING EQUIPMENT REQUIRED TO ATTACH THE PROPOSED LIGHTING FIXTURE TO THE EXISTING LIGHT POLE SHALL BE PROVIDED BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL CONFIRM THAT THE LOCATION OF ANY PROPOSED BUILDING MOUNTED LIGHTING FIXTURE WILL NOT CONFLICT WITH ANY EXISTING OR PROPOSED STRUCTURAL ELEMENT (E.G. CANOPY SUPPORT BEAMS). THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IN WRITING OF ANY FIXTURE CONFLICT PRIOR TO THE START OF CONSTRUCTION.
 - ALL EXISTING TREE LIMBS WITHIN THE 60 FOOT ATM RADIUS SHOWN IN THE PLAN SET SHALL BE TRIMMED TO A MINIMUM OF 6 FEET ABOVE GRADE. ALL SHRUBS WITHIN THE 60 FOOT ATM RADIUS SHALL BE TRIMMED TO A MINIMUM OF 36 INCHES ABOVE GRADE. ALL BRUSH SHALL BE REMOVED. THE CONTRACTOR SHALL CONSIDER ALL FUTURE GROWTH AND FULL BLOOM WHEN TRIMMING LANDSCAPING. EXISTING TREE LIMBS ADJACENT TO LIGHTING FIXTURES SHALL BE TRIMMED AS REQUIRED TO PREVENT LIGHT INTERFERENCE.
 - PRIOR TO BID, CONTRACTOR SHALL VERIFY EXISTING EXTERIOR LIGHTING CONDITIONS AFTER DUSK AND NOTIFY THE DEVELOPER/OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC, OF DAMAGED OR INOPERABLE LIGHTS. THE CONTRACTOR SHALL REPAIR ALL INOPERABLE LIGHTS UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET.
 - THE ILLUMINATION LEVELS DEPICTED WITHIN THE PLAN SET ARE BASED ON REGULATORY STATE STANDARDS FOR SAFETY LIGHTING STANDARDS.
 - ALL LIGHTING FIXTURES, UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET, HAVE THE PHOTOCCELL OPTION ENABLED.
 - EXISTING LIGHTING FIXTURES CONTROLLED BY OUTSIDE ENTITIES (E.G. LANDLORD) HAVE BEEN EXCLUDED FROM THE LIGHTING ANALYSIS REFLECTED WITHIN THE PLAN SET. THE PROPOSED LIGHT LEVELS HAVE BEEN DESIGNED TO COMPLY WITH ALL APPLICABLE ATM AND SAFETY LIGHTING REQUIREMENTS INDEPENDENT OF ANY UNCONTROLLED LIGHT FIXTURES.



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SITE PLAN

CHASE
PROPOSED BANK WITH REMOTE
DRIVE-UP ATM

MAP 150A, LOTS 1 & 15
576 METACON AVENUE (RHODE ISLAND ROUTE 136)
TOWN OF BRISTOL
BRISTOL COUNTY, RHODE ISLAND

JOSHUA H. KLINE, P.E.
RHODE ISLAND LICENSE No. 13607
LICENSED PROFESSIONAL ENGINEER



SCALE: 1" = 20' PROJECT ID: BOS-220076

TITLE:

LIGHTING PLAN

DRAWING:

C-5

C-CP-C-SQ Series

Square LED Canopy Light
Replaces up to 250W PSMH

C-LITE
LED LIGHTING

AFFORDABLE, ENERGY EFFICIENT AND MADE TO LAST
Our C-CP-C-SQ Series Square LED Canopy Light features a highly durable design and delivers affordability and energy efficiency to any canopy application. It comes cULus Listed for wet locations and is DLC Premium 5.1 Listed, delivering up to 144 LPW. This means it delivers even more savings on monthly energy bills than less energy efficient products. It's a perfect option for added security at entryways and around perimeters.



PRODUCT SPECIFICATIONS

OVERVIEW

- Initial Delivered Lumens: 3800 (3L); 4900 (4L); 7000 (7L); 13,000 (12L)
- CRI: ≥70
- CCT: Neutral White 4000K, Cool White 5000K
- Input Power: 27W (3L); 38W (4L); 53W (7L); 90W (12L)
- Dimmable: 0-10V to 100%
- Operating Temperature Range: -22°F to 104°F (-30°C to 40°C)
- Estimated L70 Lifetime @ 25°C: >54,000 hours
- Power Factor: >0.9
- Total Harmonic Distortion: <20% at full load
- Limited Warranty: 5 Years*
- 3L & 4L:** Replaces 100W PSMH; **7L:** Replaces 150W PSMH/175W MH; **12L:** Replaces 250W PSMH
- For use under covered ceilings only

FEATURES	DURABLE	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"> Uses up to 80% less energy than comparable PSMH fixtures Type VS distribution pattern 	<ul style="list-style-type: none"> Polyester powder coat finish provides corrosion protection for long-lasting color UV stabilized acrylic lens designed to last Die-cast aluminum housing 	<ul style="list-style-type: none"> Security Entryways Perimeter Lighting Exterior canopies 	<ul style="list-style-type: none"> Universal (120V through 277V Operation)

ORDERING INFORMATION

Example: C-CP-C-SQ-12L-50K-DB

C-CP-C	SQ	LUMEN PACKAGE	CCT	COLOR
PRODUCT	SHAPE			
C-CP-C	SQ	3L 3800 Lumens 27W	40K Neutral White (4000K)	DB Dark Bronze
		4L 4900 Lumens 38W	50K Cool White (5000K)	WH White
		7L 7000 Lumens 53W		
		12L 13,000 Lumens 90W		

CERTIFICATIONS-



No. 146-0190001

For informational purposes only. Content is subject to change. *See lighting.cer.com/warranty for details

AREA LIGHT FIXTURE 'A' SPECIFICATIONS

NOT TO SCALE

C-WP-B-RDC Series

Cutoff LED Wall Pack
Replaces up to 400W PSMH

C-LITE
LED LIGHTING

OFF THE WALL SAVINGS

Our cULus listed C-Lite Cutoff LED Wall Pack delivers up to 21,000 lumens and is available in 4000K and 5000K. It's dimmable, for maximum energy savings, and comes with a 5-year limited warranty. It also comes with a DLC Premium 5.1 Listing.



PRODUCT SPECIFICATIONS

OVERVIEW

- Initial Delivered Lumens: 1500 - 21,000 Lumens
- CRI: ≥70
- CCT: 4000K, 5000K
- Mounting height: 12 - 25 feet
- Input Power: 12W/22W/47W/77W/144W
- Dimmable: Yes, 0-10V
- Operating Temperature Range: -40°F to 104°F (-40°C to 40°C)
- Estimated L70 Lifetime @ 25°C: >100,000 hours
- Power Factor: >0.9
- Total Harmonic Distortion: <20%
- Limited Warranty: 5 Years*
- Replaces up to 400 PSMH

FEATURES	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"> Replaces up to 400W PSMH 4W Surge suppression Contractor friendly install 	<ul style="list-style-type: none"> Security Perimeter Commercial 	<ul style="list-style-type: none"> Universal (120V through 277V Operation)

ORDERING INFORMATION

Example: C-WP-B-RDC-1L-40K-DB

C-WP	B	RDC	LUMEN PACKAGE	CCT	COLOR
PRODUCT	SERIES	TYPE			
C-WP	B	RDC Round Cutoff	1L 1500L 12W	40K 4000K (Neutral White)	DB Dark Bronze
			10L 10,000L 77W	40K 4000K (Neutral White)	
			20L 20,000L (4000K) 21,000L (5000K) 144W	50K 5000K (Cool White)	
			3L 3000L (4000K), 3000L (5000K) 22W		
			6L 6000L (4000K), 6000L (5000K) 47W		

CERTIFICATIONS-



No. 146-0190001

For informational purposes only. Content is subject to change. *See lighting.cer.com/warranty for details

AREA LIGHT FIXTURE 'B' SPECIFICATIONS

NOT TO SCALE



Mirada Medium Outdoor LED Area Light

Type:

ORDERING GUIDE

Typical Order Example	MRM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL
Luminaire Finish MRM - Mirror Light Source LED Lumen Package 36L - 36000 Lumens Light Output 36L - 36000 Lumens Color Rendering 70 CRI Color Temp 50K - 5000K Beam Angle 15° Mounting FT - Flush Mount Options AM - Ambient Noise Reduction AW - Auto-Watch SW - Safety Watch WT - White	Orientation Open - Open Voltage UNV - Universal Voltage (120-277V) Driver DIM - 0-10V Dimming (0-10V)

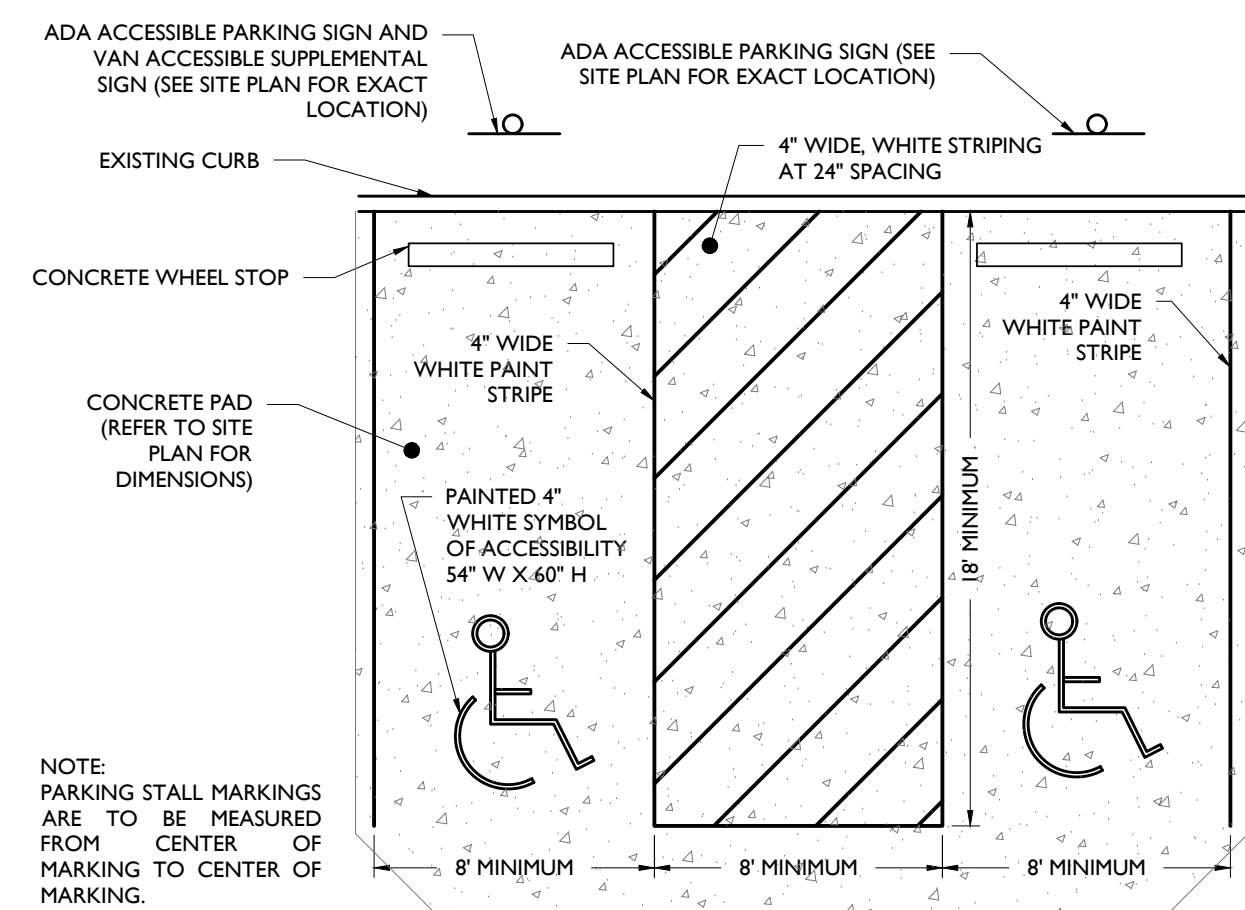
Color Temp	Color Rendering	Finish	Options
50K - 5000K 40K - 4000K 30K - 3000K AMB - Preset/Controlled Ambient	70 CRI - 70 CRI	BLK - Black BRZ - Dark Bronze GRY - Gun Metal Gray SPT - Stainless SLV - Metallic Silver PLV - Polished Silver SW - Safety Watch WT - White	IN - Integral Hurricane Shield IL - Integral Lenses (Shields Light Output)

Controls (Choose One)

Blank - None
Wireless Control System
ALSC - All-in-One Wireless Control System with 120° Motion Sensor
ALSCB - All-in-One Wireless Control System with 120° Motion Sensor
ALSCM - All-in-One Wireless Control System with 120° Motion Sensor
ALSCS - All-in-One Wireless Control System with 120° Motion Sensor
ALSCS4 - All-in-One Wireless Control System with 120° Motion Sensor
ALSCS4 - All-in-One Wireless Control System with 120° Motion Sensor
ALSCS4 - All-in-One Wireless Control System with 120° Motion Sensor
ALSCS4 - All-in-One Wireless Control System with 120° Motion Sensor

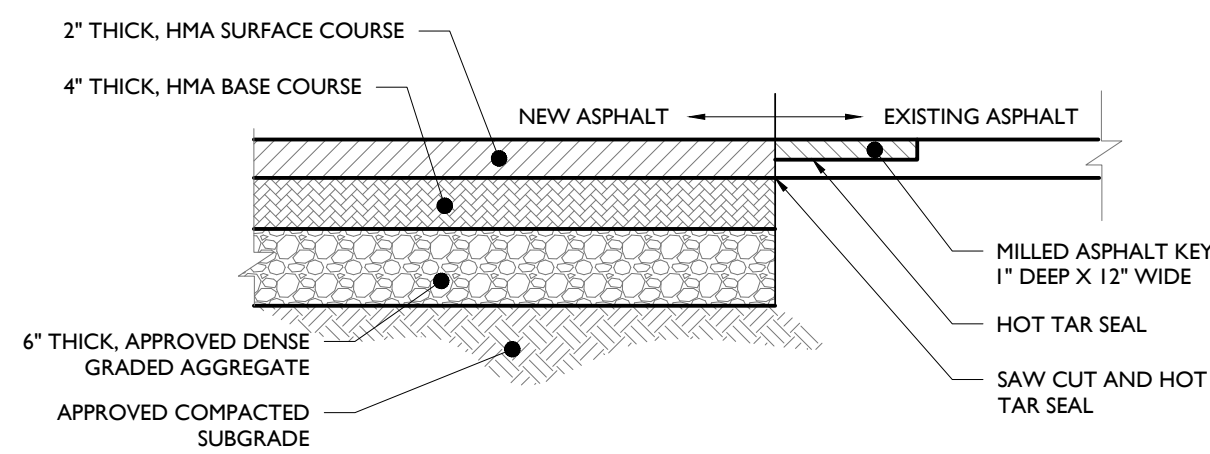
Accessory Ordering Information

Twist Lock Protocol (347V) for use with CRTP *	122596	Horizontal Slip Ring (2" - 2 3/8" Tenon)	652781 CLR
Twist Lock Protocol (400V) for use with CRTP *	1225180	Quick Mount Pole Bracket (Square Pole)	6581725 CLR
ArtLink 5 Pin Twist Lock Controller *	661409	Quick Mount Pole Bracket (4-5" Round Pole)	6589403 CLR
ArtLink 5 Pin Twist Lock Controller *	661450	15 TH Quick Mount Pole Bracket (Square Pole)	6589403 CLR



ACCESSIBLE PARKING STALL MARKINGS

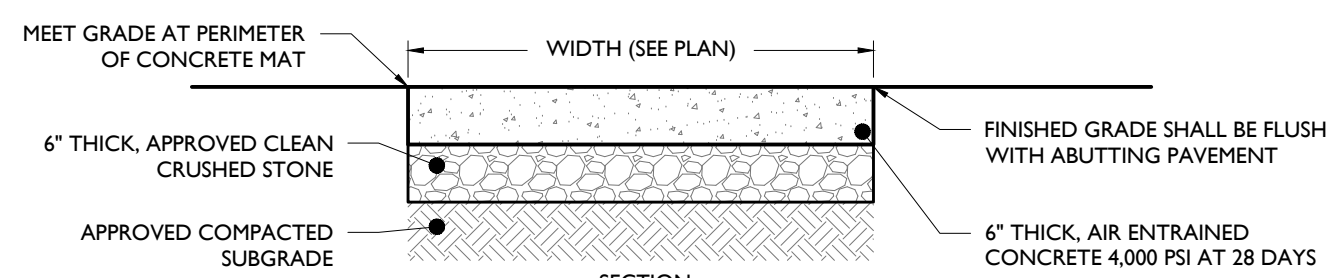
NOT TO SCALE



FULL DEPTH ASPHALT PAVEMENT DETAIL

NOT TO SCALE

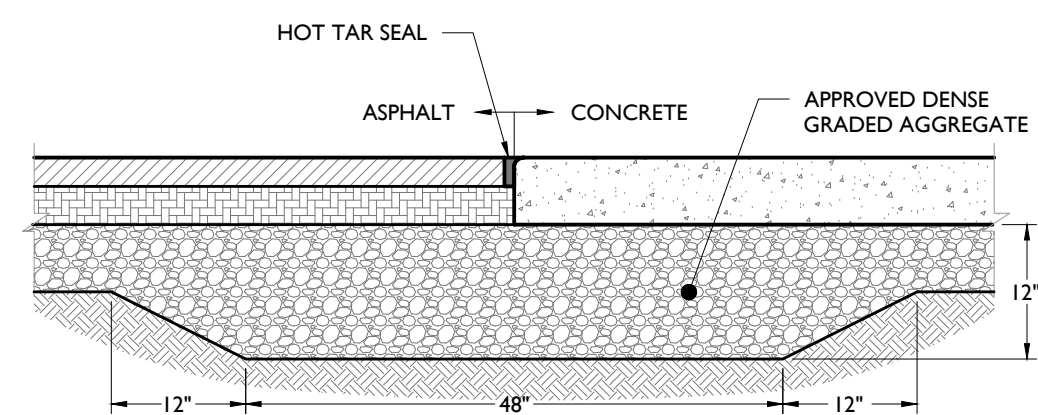
NOTE:
HMA MIX AND DENSE GRADED AGGREGATE
SHALL CONFORM TO STATE DEPARTMENT
OF TRANSPORTATION SPECIFICATIONS.



6" CONCRETE
(ADA PARKING SPACE)

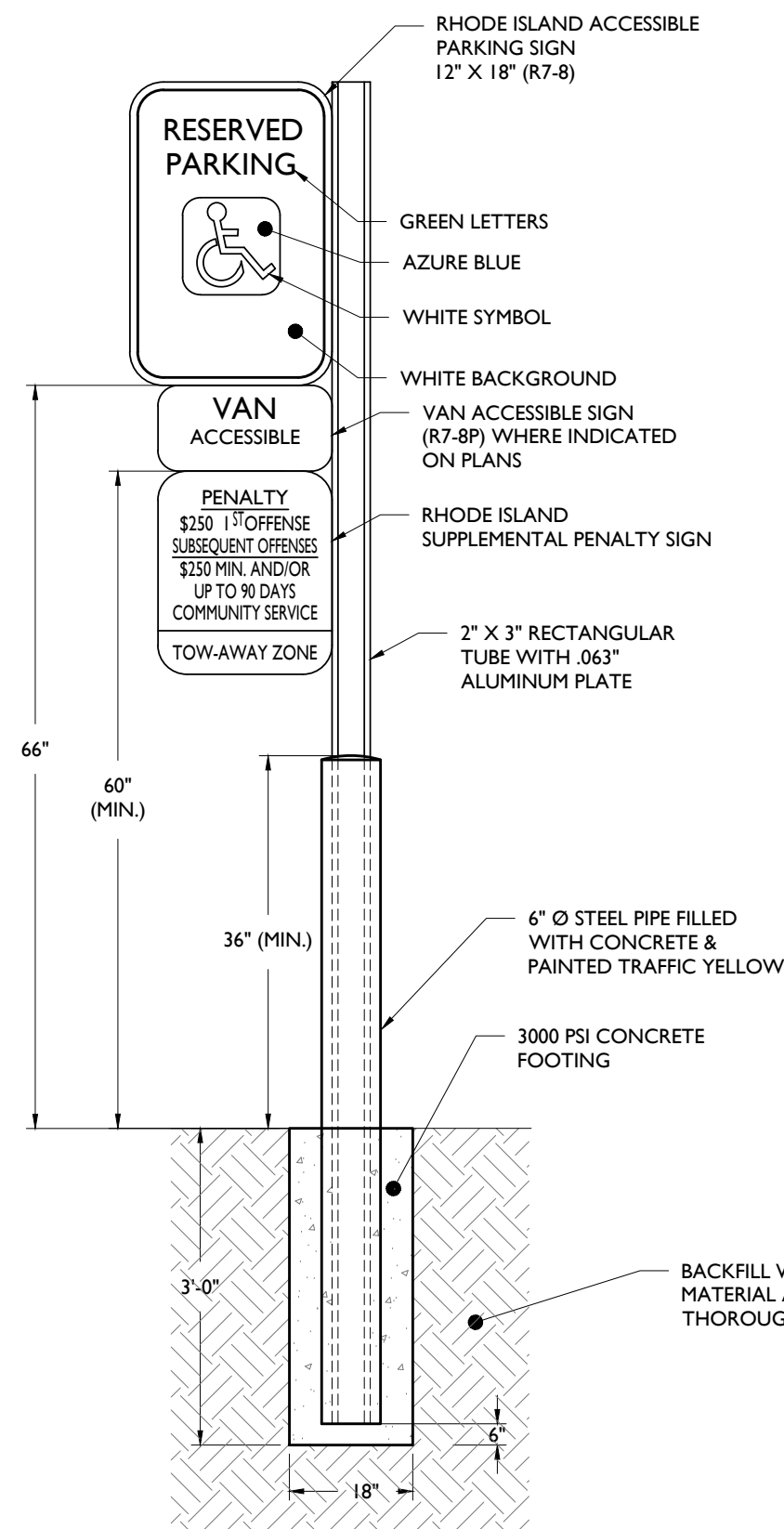
NOT TO SCALE

- NOTES: NOT TO SCALE
1. $\frac{1}{2}$ " EXPANSION JOINTS WITH WATER SEAL SHALL BE PROVIDED AT 12' INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED $\frac{1}{4}$ " FROM THE SURFACE.
 2. 1" DEEP BY $\frac{1}{4}$ " WIDE, TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT MID-POINT BETWEEN EXPANSION JOINTS OR 6' INTERVALS MAX.
 3. CONCRETE SHALL RECEIVE BROOM FINISH.
 4. ALL EXPOSED CORNERS TO HAVE 12" CHAMFER.



CONCRETE TO ASPHALT TRANSITION DETAIL

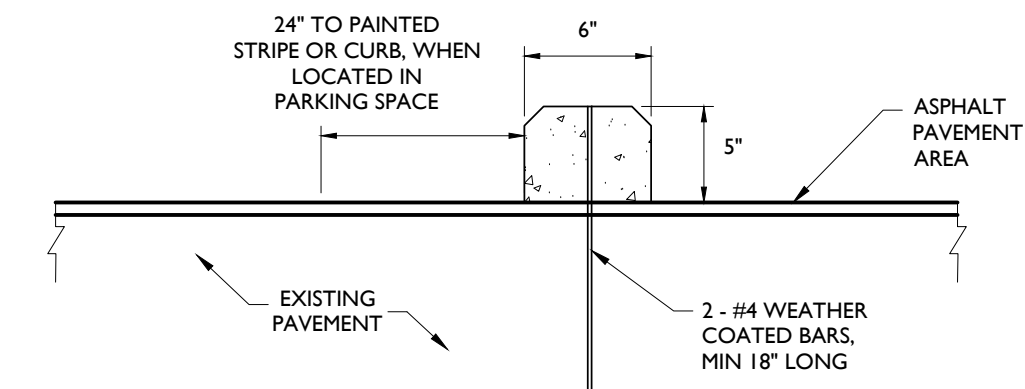
NOT TO SCALE



- NOTES:
1. ALL EXPOSED PAINTED SURFACES SHALL BE COATED WITH MATTHEWS #282-208SP VOC GLOSS CLEAR, WITH MINIMUM 2 MILS DRY FILM THICKNESS (DFT) PER MATTHEWS APPLICATIONS SPECIFICATIONS.
 2. EMBEDDED PORTION OF POST SHALL BE PRIMED AND PAINTED FOR CORROSION PROTECTION

ACCESSIBLE PARKING SIGN DETAIL

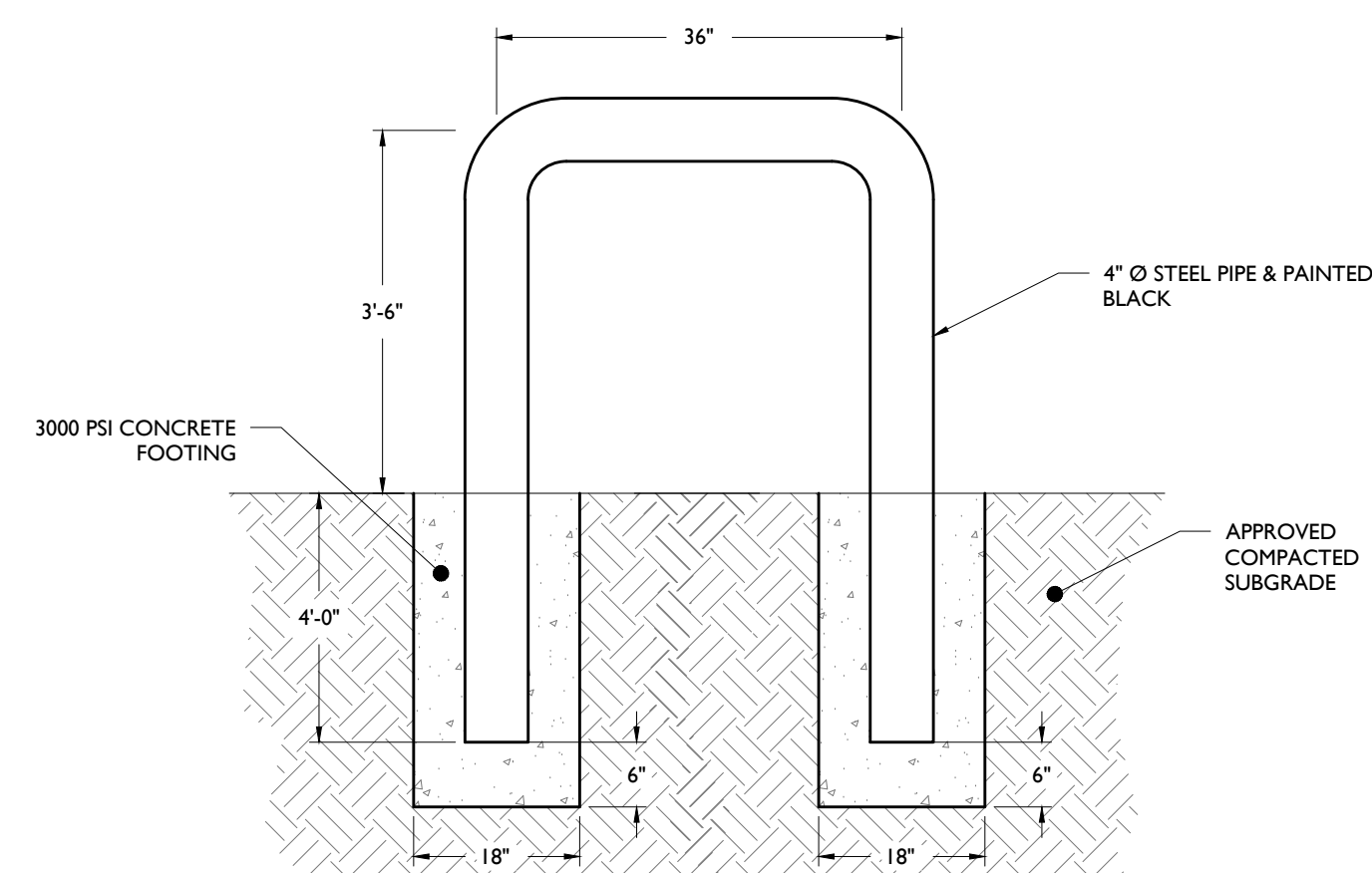
NOT TO SCALE



CONCRETE WHEEL STOP DETAIL

NOT TO SCALE

- NOTES:
1. ON CONCRETE PAVEMENT, SECURE WHEEL STOP WITH EPOXY BONDING AGENT.
 2. WHEEL STOP SHALL BE 6' LONG.
 3. WHEEL STOP SHALL BE PREFABRICATED CONCRETE.

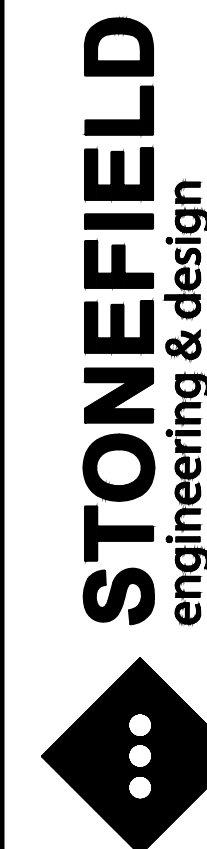


U-BOLLARD BICYCLE RACK DETAIL

NOT TO SCALE

ISSUE	DATE	BY	DESCRIPTION
7	09/08/2023	EB	SPECIAL PERMIT SUBMISSION
6	08/04/2023	EB	SPECIAL PERMIT SUBMISSION
5	5/3/2023	JJR	REVISED DRIVE-THRU CONCRETE MAT
4	4/10/2023	JJR	ADDENDUM #1
3	4/5/2023	JJR	REVISED PER ADA ENTRANCE LANDING
2	3/29/2023	JJR	REVISED PER ADA PARKING IMPROVEMENTS
1	3/3/2023	JJR	ISSUED FOR REVIEW

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RHODE ISLAND LICENSE No. 13607
LICENSED PROFESSIONAL ENGINEER



STONEFIELD
engineering & design

SCALE:	NO SCALE	PROJECT ID: BOS-220076
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TITLE

CONSTRUCTION DETAILS

DRAWING:

C-7