



\$100

BALTIMORE COUNTY
DEPARTMENT OF PERMITS, APPROVALS & INSPECTIONS
111 WEST CHESAPEAKE AVENUE
TOWSON, MD 21204
410-887-3391

USE PERMIT RECEIPT
183869

The applicant must affirm by initials below that there are no current violations at this site, pursuant to Section 112.7, B.C.C.
Initials: DBS

SIGN USE PERMIT

Permit Fees are Non-Refundable; Make Check Payable to "Baltimore County, Maryland"

PROPERTY ADDRESS 1619 E Joppa ZIP CODE _____
BUSINESS NAME McDonalds ZONING BL
OWNER'S NAME McDonalds PHONE NO. 410-828-8215 HISTORIC DISTRICT ☐ Yes ☐ No
MAILING ADDRESS 1619 E Joppa
APPLICANT/OWNER'S AGENT Tracy Diehl PHONE NO. 410-828-8215
SIGN COMPANY NAME ADG Remodeling Inc. PHONE NO. 804-859-7618
TYPE OF SIGN: ☐ Window Sign TAX ACCOUNT NO. 16001009966

☐ Temporary- Including Real Estate/Construction/Event Temporary Signs in the Last Year: ☐ Yes ☒ No

☒ Permanent ☐ Changeable Copy ☐ Wall ☐ Face Change Only ☐ Non-Illuminated

☒ Freestanding ☐ Pylon ☐ Monument ☒ Illuminated (separate electrical permit required)

Size: 4.35 feet x 4.83 feet = 19.79 square feet Height: 5.98 feet (freestanding signs)

Property Line/Street Right-of-Way Setbacks: front _____, sides _____ and _____, and rear _____.

NOTE: A construction plan, drawn to scale and clearly showing that all requirements have been met, must be attached.

A site plan must also be attached for freestanding signs.

Table of Sign Regulations: 450.4.1.- An Electronic Changeable Copy Sign may only have a maximum frequency of one instantaneous message change per 15 second cycle. 450.6.B.3 - Changeable copy signs must operate at a constant intensity and not give the appearance of movement by flashing, blinking, strobing, scrolling, oscillating, or alternating lights.

PROHIBITIONS: including roof signs (Sections 450.5.B.7 and 450.6.A, Baltimore County Zoning Regulations):

1. Signs cannot impair motorist's clear view of traffic or government signs. All signs are subject to Section 102.5, BCZR.
2. Signs cannot imitate or resemble government signs, except for private traffic control and notice signs.
3. Signs cannot be placed in or project into or above street right of way or governmental property.
4. Sign or framework cannot obstruct window or opening for light and air or access to building, fire hydrant, or stand pipe.
5. Vehicle cannot be parked for the purpose of displaying an attached sign.
6. Except for flags exempted, flags, pennants, ribbons, streamers, tethered balloons, laser projections, and similar objects are prohibited.
7. Portable signs are prohibited, except for A-frame and sandwich board signs issued a use permit in B.M. - C.T. zones.
8. There can be no display or simulation of moving parts or message, except for an outdoor advertising sign with tri-vision, a changeable copy sign, or a thermometer, barometer, weather vane, barber pole, or clock.
9. No sign may emit sound

Work Description (including number of signs, special conditions, materials, locations and size):

Removing and replacing the exterior Menu boards - drive thru - installing a new + smaller exterior Menu boards 1 dual Panel Menu @ 19.79 sq ft. Overall height @ 5.98 ft. Metal + Glass
CORNER LOT? ☐

OWNER/AGENT CERTIFICATION

I solemnly affirm under the penalties of perjury and upon personal knowledge that the contents of the above are true and further agree to locate the proposed sign such that it will not violate Baltimore County laws and regulations.

Signature David B. Stoltz Date 6/10/19

Print/Type Name David B. Stoltz

☐ Require Planning Signature Myles M... Date 6/10/19

Copies: White-Office; Yellow- Applicant (keep this Copy for your permanent records)

Authority under Section 500.4, BCZR PAI Approval (SIGN ONLY)

Signature [Signature] Initials RS Date 6/10/19



Permits, Approvals & Inspections

111W. Chesapeake Avenue
Towson, MD 21204

Report Generated On:
6/10/2019

Permit Processing Commerical Permit & Development Report

Page 1 of 1

Property Information

Tax Account Number: 1600009966

Election District: 9

Owner Name(s): MCDONALDS CORPORATION and 19-0008

PDM #:

Address: SDR MGT INC (SCOTT RARDIN) 8017 DORSEY RUN RD #A1
JESSUP, MD 20794

Zoning District(s): BL
DR 5.5

Premise Address: 1625 E JOPPA RD

Elevation Range: 450ft - 452ft

Affected Overlays	Instructions: Begin review process with Zoning Review, Room 111.	New Com Bldg. Interior Alts. Add / Ext. Alts. Piers/Pilings Grading/SW Tanks Ret Walls/Bulk Razing Chg. of Occup. Tower Antenna Signs Elect. & Plumb	Agency Acknowledgment Initial & Date
Contact Agency	Potential Overlay Issues Growth Tier 1: Served by public sewer and inside URDL		
Planning Jefferson Building Room 101 Phone: 410-887-3211	Commercial Design Review Areas - Loch Raven - Baynesville Commercial Revitalization Districts - Loch Raven	X X X X	MRM 6/10/19 Final
DEPS-Sed. Control Jefferson Building 4th Floor Phone: 410-887-3226	Note: All Razing Permits must be sent to Sediment Control for review.		
PAI-Public Services County Office Building Room 119 Phone: 410-887-3751	Note: All permits for Grading, New Buildings & Building Additions must be sent to Public Services.		
Zoning Review County Office Building Room 111 Phone: 410-887-3391	Zoning Cases: 1962-5532-A; R-1947-1024	X X X X X X X X	DDJ FINAL 6/10/19

ODMB Permitting



Existing Menu Board

- ☐ OPO Menu Board Approximately 41 sf
- ☐ FP-43 Menu Board Approximately 43 sf



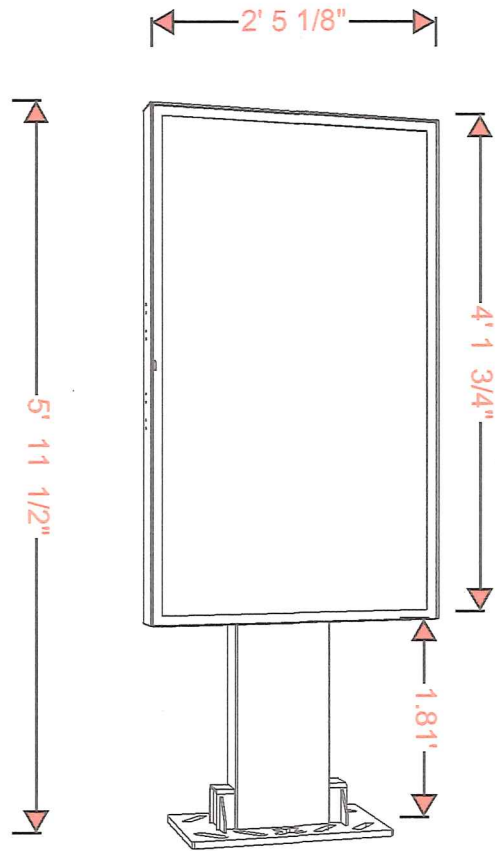
Digital Menu Board

- ☐ Approximately 20 square feet

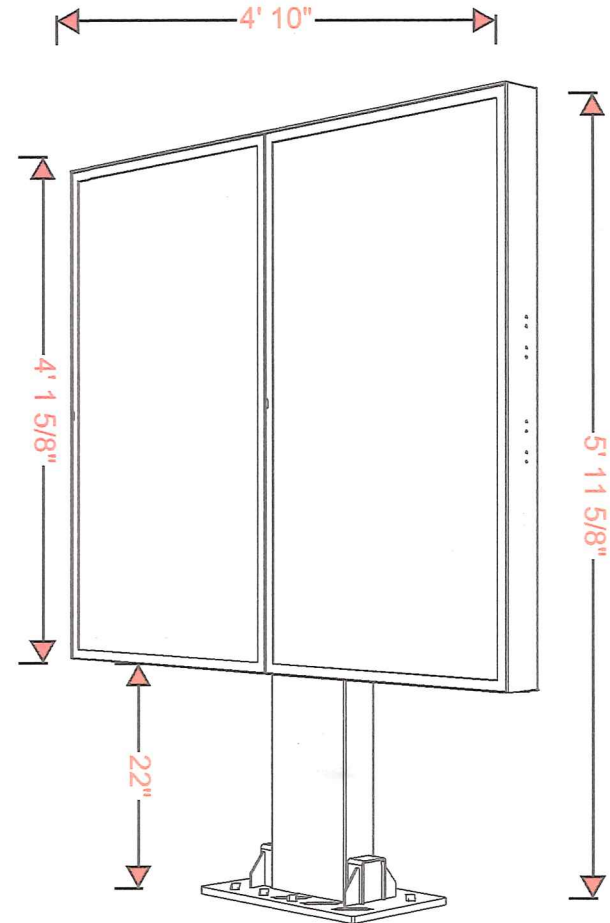
Digital Pre-Browse Board

- ☐ Approximately 10 square feet

single panel menu board 10.06 sq. ft.



double panel menu board 19.79 sq. ft.

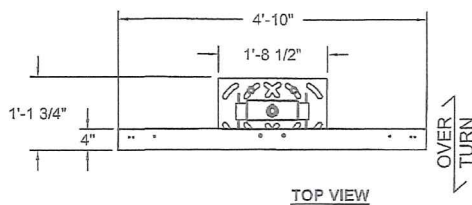


55" Outdoor digital menuboard

02-55-2S/D Outdoor Menu Board
Permitting Unit Information

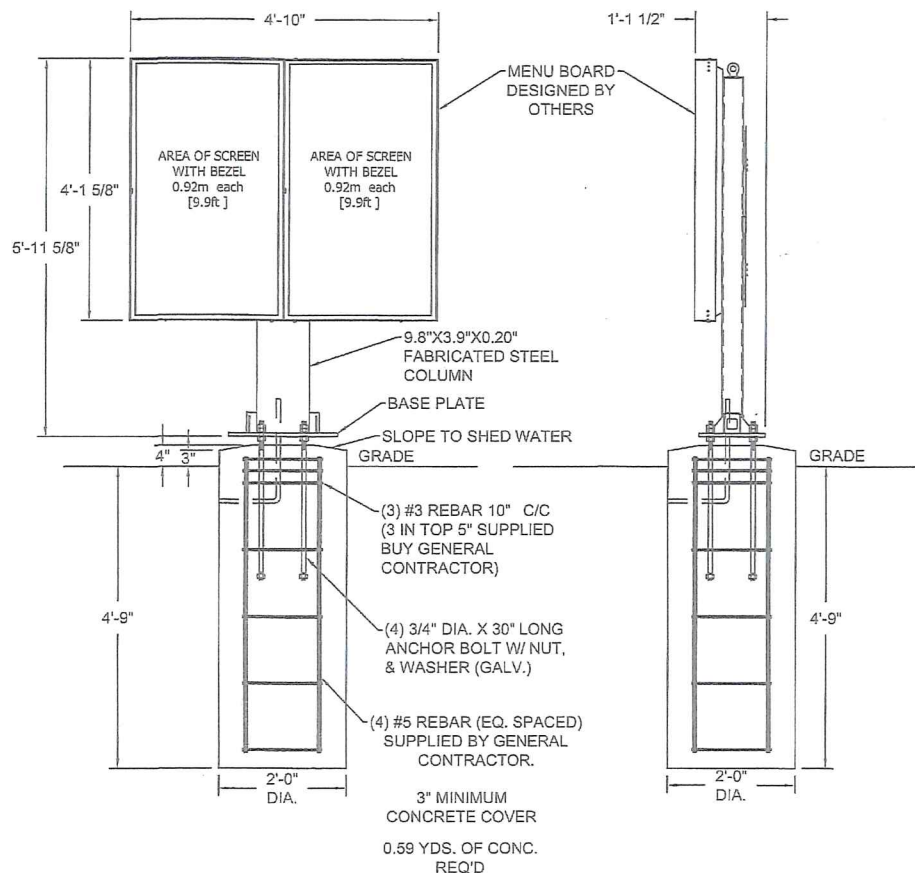
Not site specific drawings.

Version 1.0



SIGN CABINET
DESIGN BY OTHERS.

ALL STEEL SHALL BE
HOT DIP GALVANIZED.

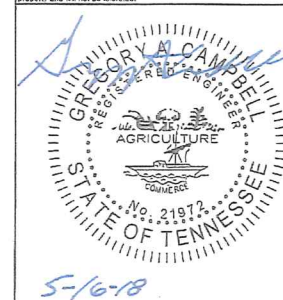


Notes:

ELECTRICAL/ILLUMINATION
DESIGN BY OTHERS.

1. This is a prototypical design based on the following design criteria:
Building Code: IBC 2015
Wind Speed: 115 MPH, Exposure C
Category II
2. Foundation analysis assumes soil class 4. The allowable bearing pressure should be verified prior to placement of concrete. In the event that the stated requirements are not met and conditions appear deleterious, cease and secure excavation and immediately contact THE CLIENT.
3. Caisson foundation is based on a presumptive safe lateral soil bearing pressure minimum of 150 psf per foot of depth. Isolated lateral bearing footings subject to short-term lateral loads and not adversely affected by a 1/2" motion at grade are permitted to be designed using twice the tabulated value of the corresponding soil class.
4. Foundation shall not be placed on, or at the top of a slope exceeding 3:1 without evaluation by a competent Professional Engineer. Do not place foundation in fill.
5. Concrete shall be mixed to attain a minimum 28 day compressive strength of 3000 psi.
6. Steel reinforcing bars shall conform to ASTM A615, Grade 60 with deformations, in accordance with ASTM A305. Welding of reinforcement is prohibited.
7. Anchor bolts shall meet ASTM F1554 Grade 36 and shall be galvanized to prevent corrosion.
8. All support members shall be free from defects. Steel tubes shall meet ASTM A500 Grade B with a minimum yield strength of 46000 psi. Steel pipe shall meet ASTM A53 Grade B with a minimum yield strength of 35000 psi. Steel angle, channel, and plate shall meet ASTM A36.
9. Steel welds shall be made with E70XX electrodes by persons qualified in accordance with AWS standards within the past two years.
10. Structural bolts shall meet ASTM A325 and be zinc coated unless noted otherwise. Heavy hex nuts shall meet ASTM A563 and washers shall meet ASTM F436 when used with high strength bolts. All high strength bolts shall be tightened using the Turn-of-Nut method unless noted otherwise.
11. This engineer will not be responsible for safety on the jobsite before, during, or after the installation of this structure. It is the responsibility of the owners, contractors, and installers to ensure that the installation of this structure is completed using methods that fully comply with OSHA regulations.
12. Any deviation from this design or from any part of this drawing without prior written consent of this engineer voids this drawing in its entirety.
13. The design depicted on this drawing is prototypical, and should not be used at a specific site unless deemed suitable for that site by a competent Professional Engineer.

NOTE: All designs depicted on this drawing are the sole property of Campbell Consulting Engineering, LLC developed specifically for this project. Use of these designs for any purpose other than the intended application without written consent of Campbell Consulting Engineering, LLC is prohibited. Disclosure of this information, in whole or in part, without Owner's consent, is a violation of intellectual property and will not be tolerated.



McDONALD'S DOUBLE FACE MENU BOARD PROTOTYPICAL 115 MPH-INSTALL

CLIENT:



COATES
1142 W. MADISON STREET, SUITE 304
CHICAGO, IL 60607



CAMPBELL
CONSULTING
ENGINEERING, LLC

382 HIGH STREET
MARYVILLE, TN 37804

865-960-8881
CCENGINEER.COM

SHEET	BY	PROJECT NO.
1	RDG	17-140-E
DATE	DRAWING NO.	
5/16/2018	B101019-B	

GENERAL NOTES

1. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BID TO DETERMINE THE EXTENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BIDDING.
3. ALL EXISTING MATERIALS TO REMAIN WHICH ARE DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE PATCHED OR REPAIRED TO MATCH THE EXISTING ADJACENT MATERIALS, SO THAT THE REPAIR IS IMPERCEPTIBLE.
4. DURING THE COURSE OF CONSTRUCTION, IF THE CONTRACTOR UNCOVERS ANY CODE VIOLATION KNOWN TO HIM OR ANY DISCREPANCY WITH THE DESIGN, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF SUCH IMMEDIATELY.
5. CONTRACTOR SHALL ASSEMBLE AND INSTALL MATERIALS/ PRODUCTS IN STRICT ACCORDANCE WITH THE MANUF'S RECOMMENDATIONS AND INDUSTRIAL/ASSOCIATION STANDARDS.
6. CONTACT ARCHITECT AND COORDINATE WITH TENANT ANY ADDITIONAL SPECIFICATIONS NOT SPECIFIED HEREIN AND/OR CLARIFICATIONS REGARDING THE CONTRACT DOCUMENTS.
7. NO CURRENT SURVEY WAS PERFORMED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES OR OMISSIONS TO THE TOPOGRAPHIC INFORMATION. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR CONFIRMING THE LOCATION (HORIZONTAL/VERTICAL) OF ANY BURIED CABLES, CONDUITS, PIPES, AND STRUCTURES (STORM SEWER, SANITARY SEWER, WATER, GAS, TELEVISION, TELEPHONE, ETC.) WHICH IMPACT THE CONSTRUCTION SITE. THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IN WRITING IF ANY DISCREPANCIES ARE FOUND BETWEEN THE ACTUAL CONDITIONS VERSUS THE DATA CONTAINED IN THE CONSTRUCTION PLANS. ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL LOCATION (HORIZONTAL/VERTICAL) OF SAID CABLES, CONDUITS, PIPES, AND STRUCTURES SHALL BE BORNE BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IN WRITING IF ANY ERRORS OR DISCREPANCIES ARE FOUND ON THE CONSTRUCTION DOCUMENTS (PS&E), WHICH NEGATIVELY IMPACT THE PROJECT. THE ENGINEER AND OWNER SHALL BE INDEMNIFIED OF PROBLEMS AND/OR COST WHICH MAY RESULT FROM THE CONTRACTOR'S FAILURE TO NOTIFY THE ENGINEER AND OWNER.
8. IT IS STRONGLY RECOMMENDED THAT NO CONTRACTUAL AGREEMENT OF ANY KIND BE SIGNED PRIOR TO RECEIVING AND THOROUGHLY REVIEWING ALL APPROVALS FROM ALL OF THE REGULATORY AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

SITE NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.
2. BASES, ANCHOR BOLTS, CONDUIT, AND WIRING FOR ALL SIGNS ARE BY THE GENERAL CONTRACTOR.
3. EXISTING MENU BOARDS AND PRE-SELL BOARD TO BE REMOVED FROM BASES AND DISPOSED OF OFF-SITE. EXISTING BASES FOR MENU BOARDS AND PRE-SELL BOARD TO BE PROTECTED FROM DAMAGE. CONDUITS TO BE CAPPED TO PREVENT MOISTURE ENTRANCE.

UTILITY NOTES

1. ALL ELECTRICAL/CONDUIT RUNS ARE SCHEMATIC ONLY. CONDUIT SIZES AND ROUTING PROVIDED BY BAILLWICK.
2. IT SHALL BE THE SIGN INSTALLER'S RESPONSIBILITY TO ENSURE THE PROPOSED SIGN LOCATION DOES NOT INTERFERE WITH ANY UTILITIES AND COMPLIES WITH ALL APPLICABLE CITY CODES. SIGN INSTALLER SHALL ALSO OBTAIN APPROVAL FROM THE APPROPRIATE ENTITIES PRIOR TO INSTALLING THE SIGN OVER ANY EXISTING EASEMENTS.
3. REFER TO THE BUILDING ELECTRICAL DRAWINGS FOR UTILITY SERVICE ENTRANCE LOCATIONS, SIZES, AND CIRCUITING.

DEMOLITION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO: DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
2. ALL WORK ON THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH SITE WORK SPECIFICATIONS.
3. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURE. CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, OR OTHER MEANS OF PROTECTION, INCLUDING BUT IS NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE PUBLIC DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO: CONSTRUCTION FENCING, BARRICADES, SIGNAGE, ETC.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
6. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

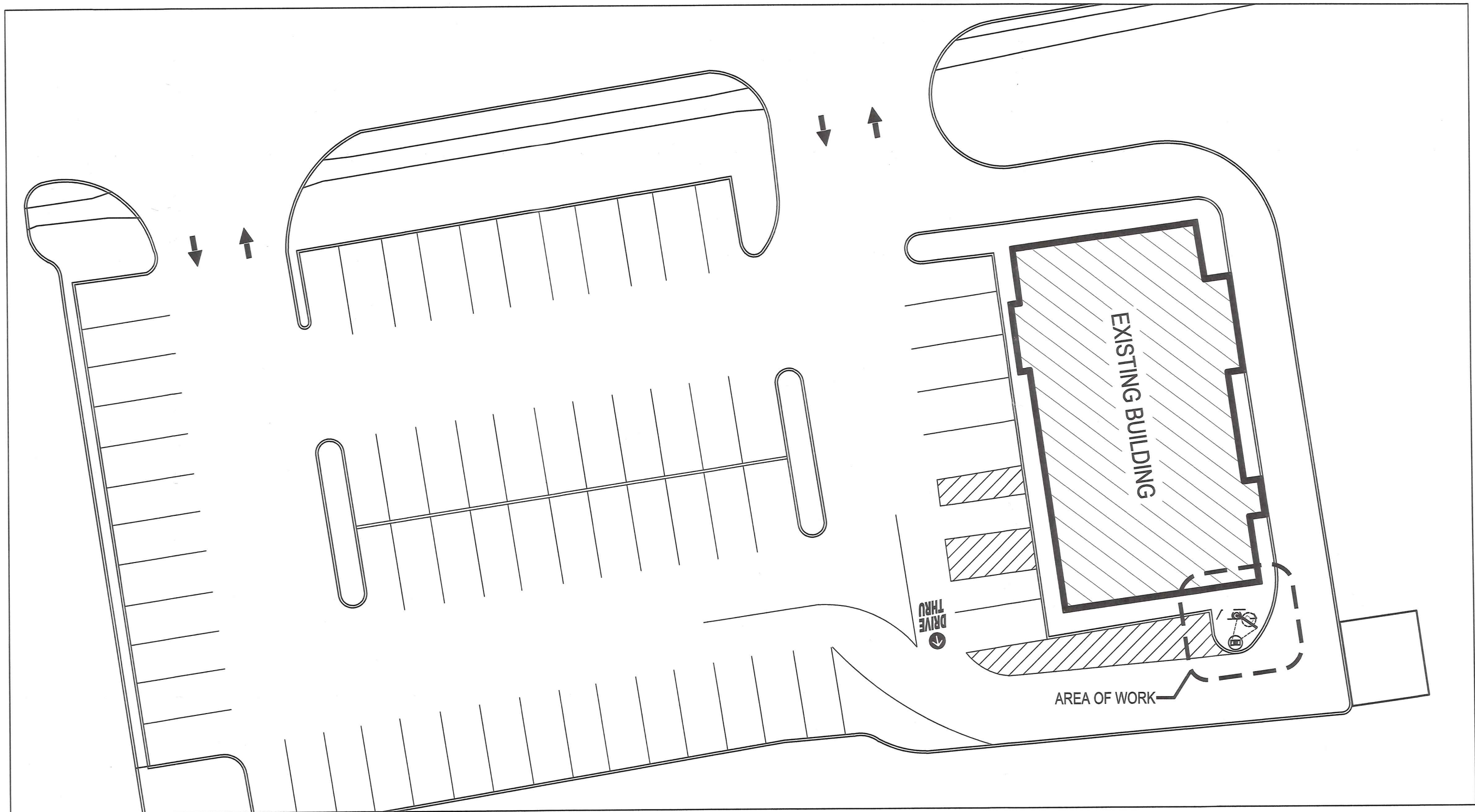
SCOPE OF WORK

REMOVE EXISTING MENU BOARDS AND CAP CONDUIT PER SITE NOTES. INSTALL NEW MENU BOARDS AND ALL REQUIRED CONDUIT AND WIRING. REFER TO MANUFACTURERS BOARD PUBLISHED INSTALLATION INSTRUCTIONS.

BUILDING CODE SUMMARY

APPLICABLE BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE
APPLICABLE ELECTRICAL CODE: 2014 NATIONAL ELECTRICAL CODE
USE GROUP: A2 - ASSEMBLY
BUILDING DEPARTMENT PHONE NO: (410) 887-3953
EXISTING SIGNAGE AREA TO BE REMOVED: 42.0 SQ FT
NEW SIGNAGE AREA TO BE ADDED: 17.6 SQ FT
PROJECT ADDRESS: 1619 E JOPPA RD
TOWSON, MD 21286

VICINITY MAP (NTS)

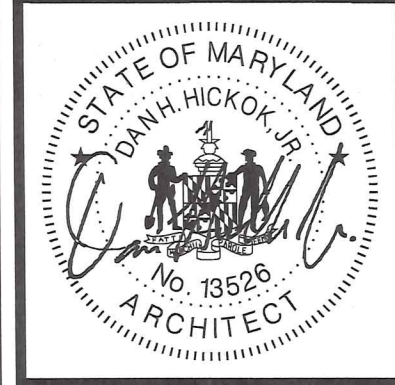


EXISTING OVERALL SITE PLAN
SCALE: 1" = 20'-0"



REV	DATE	BY	DESCRIPTION

RRMM
ARCHITECTS, PC
1317 Executive Blvd, Suite 200
Chesapeake, VA 23320
(757)622-2828 / fax (757)622-6883



I CERTIFY THAT THESE DOCUMENTS
WERE PREPARED OR APPROVED BY
ME, AND THAT I AM A DULY
LICENSED ARCHITECT UNDER THE
LAWS OF THE STATE OF MARYLAND.
LICENSE NUMBER: 13526
EXPIRATION DATE: 06/03/2019

© 2017 McDonald's USA, LLC
McDonald's USA, LLC
NSN 400

SITE ADDRESS: 1619 E JOPPA RD
TOWSON, MD 21286

DATE	4/2/2019
PROJECT	18750-94
DESIGNED	ADB
DRAWN	ADB
CHECKED	DHH

SITE PLAN
AND NOTES

C1.0

SITE PLAN LEGEND

NEW DUAL PANEL OUTDOOR DIGITAL MENU BOARD - 17.6 SQ. FT	
EXISTING MENU BOARD TO BE REMOVED	
EXISTING CUSTOMER ORDER DISPLAY (ORDER POINT)	
	SPEAKER ONLY

SITE PLAN KEY NOTES

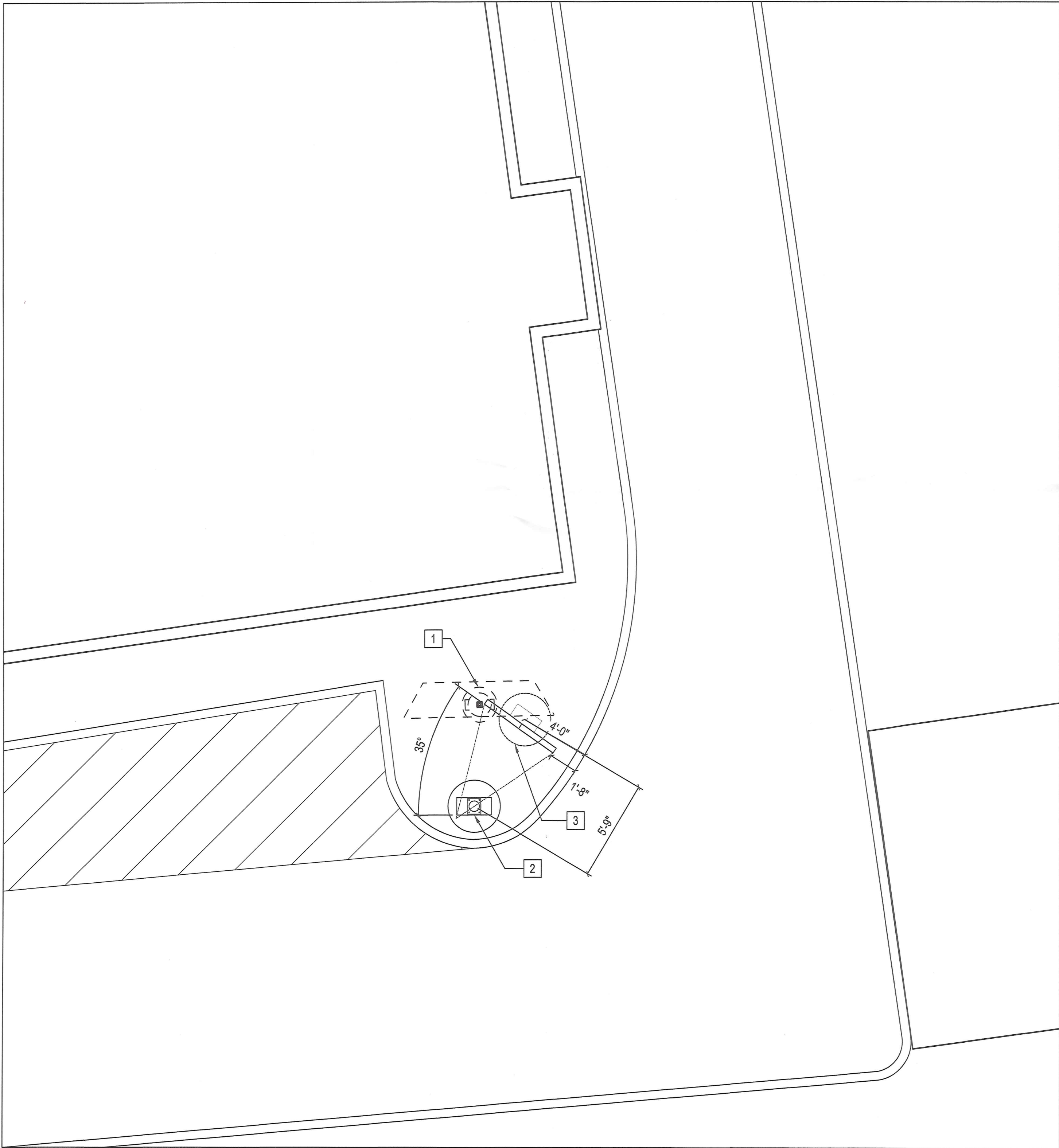
1	REMOVE EXISTING MENU BOARD. SEE SITE NOTE #3
2	EXISTING COD/CANOPY AND DETECTOR LOOP TO REMAIN
3	DUAL PANEL MENU BOARD. REFER TO STRUCTURAL SHEET FOR FOOTING INFORMATION.
4	NOT IN USE
5	NOT IN USE

ELECTRICAL PLAN NOTES

1.	INTENT OF DESIGN: DISCONNECT POWER AND DATA FEEDS FROM EXISTING PRIMARY AND SECONDARY MENU BOARDS FOR RECONNECTION TO NEW DIGITAL MENU BOARDS.
2.	EXISTING FEEDS: IF PRACTICAL AND POSSIBLE CONTRACTOR TO UTILIZE EXISTING PULLBOXES, UNDERGROUND CONDUIT AND WIRING FEEDING EXISTING TO BE DEMOLISHED MENU BOARDS FOR NEW MENU BOARDS OR PROVIDE NEW AS SHOWN
3.	REUSE OF EXISTING BRANCH CIRCUITS: CONTRACTOR TO UTILIZE EXISTING BRANCH CIRCUITS (COMMONLY TWO BRANCH CIRCUITS)
4.	NOTED CIRCUIT NUMBERS DERIVED FROM EXISTING PANEL DIRECTORY INSERTS, CONTRACTOR TO FIELD VERIFY AND UTILIZE EXISTING BRANCH CIRCUITS FEEDING THE PRIMARY (BRANCH CIRCUIT 1) AND SECONDARY (BRANCH CIRCUIT 2) MENU BOARDS AND PRE-BROWSE BOARDS.
5.	COORDINATE ALL CONDUIT AND CIRCUITING SIZE REQUIREMENTS WITH MANUFACTURERS INSTALL REQUIREMENTS
6.	ALL NEW PULLBOXES / HANDHOLDS SHALL BE A MINIMUM OF TIER 8 QUAZITES BOX OR APPROVED EQUAL.
7.	PROVIDE DEDICATED NEUTRAL FOR ALL CIRCUITS, NO SHARED NEUTRALS ALLOWED.

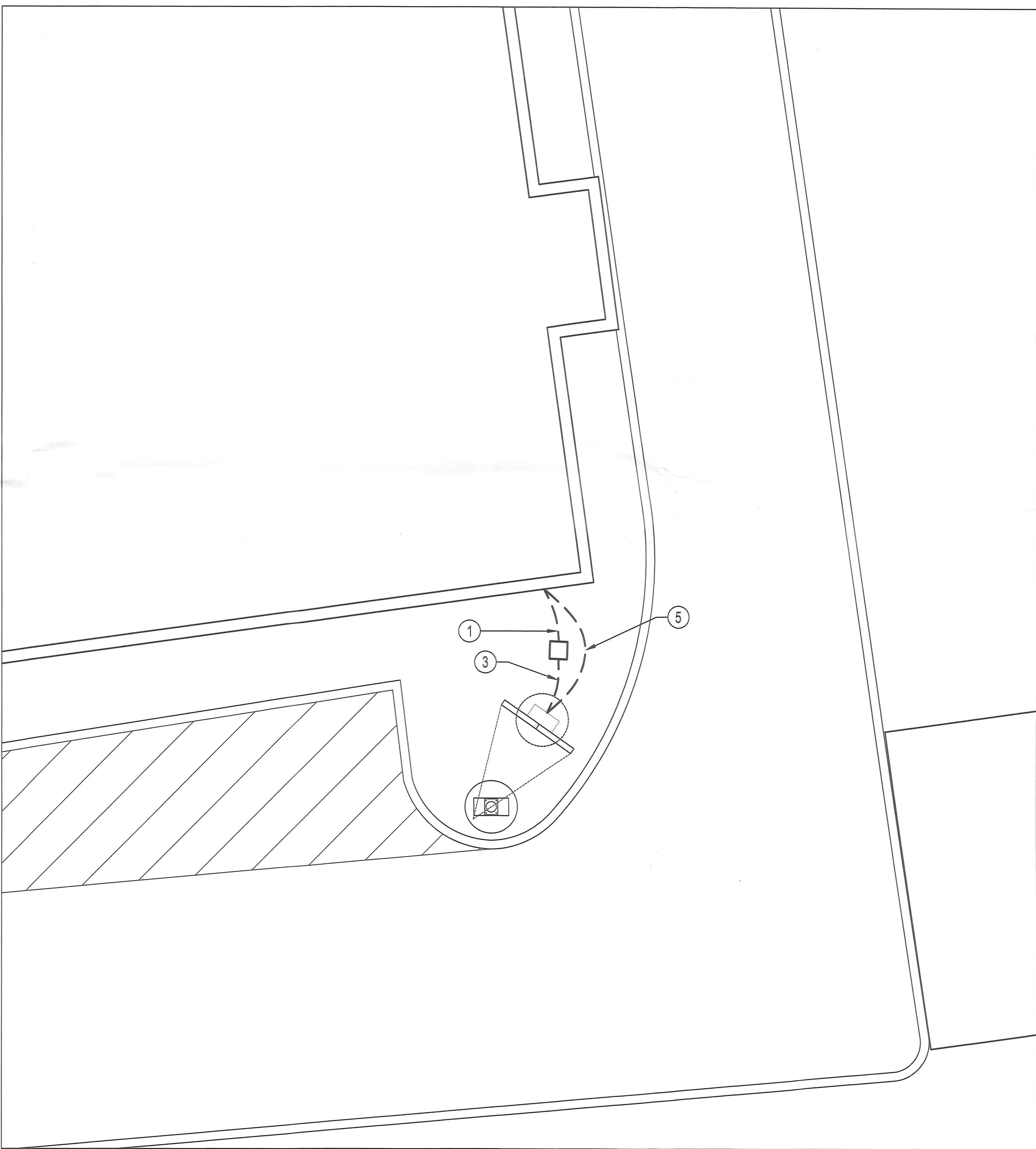
CONDUIT PLAN KEY NOTES

1	ONE 3/4" PVC CONDUIT (4-#12, 1-#12 GRD, 1-#12 IG) FROM PANEL CP TO J-BOX
2	NOT IN USE
3	ONE 3/4" PVC CONDUIT (2-#12, 1-#12 GRD, 1-#12 IG) FROM J-BOX TO LANE 1 MENU BOARD
4	NOT IN USE
5	ONE 2" PVC CONDUIT (CAT6 DATA CABLES) FROM BUILDING TO LANE 1 MENU BOARD
6	NOT IN USE
7	NOT IN USE
8	NOT IN USE



ENLARGED SITE PLAN

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



ENLARGED CONDUIT PLAN

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



REV	DATE	BY	DESCRIPTION

RRMM
ARCHITECTS, PC
1317 Executive Blvd, Suite 200
Chesapeake, VA 23320
(757)622-2828 / fax (757)622-8883



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LICENSE NUMBER: 13526
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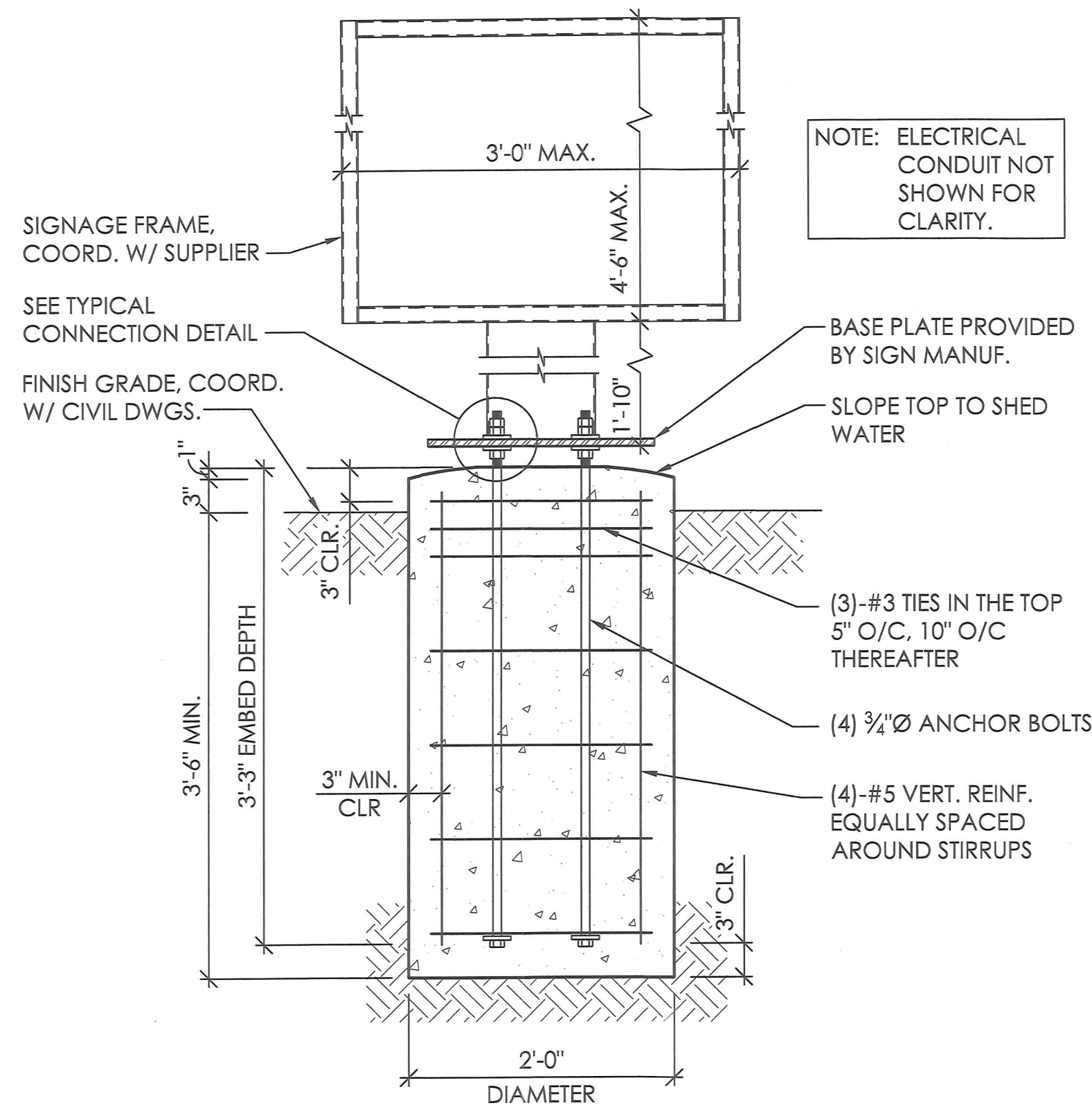
McDonald's USA, LLC
NSN 400
© 2017 McDonald's USA, LLC
SITE ADDRESS: 1619 E. JOPPA RD
TOWSON, MD 21286

DATE	4/22/2019
PROJECT	18750-04
DESIGNED	ADB
DRAWN	ADB
CHECKED	DHH

ENLARGED
UTILITY PLANS

C1.1

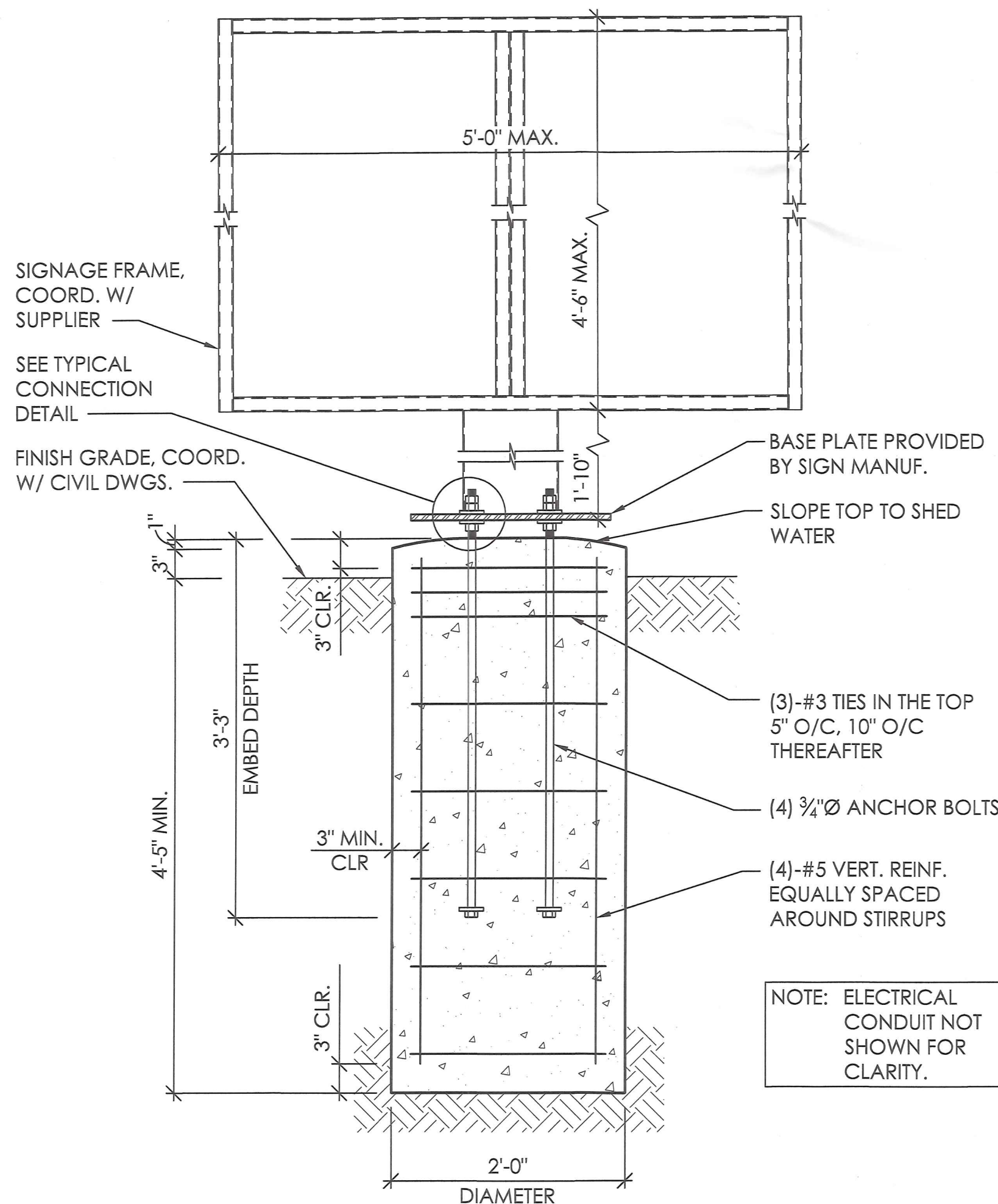
FILE NAME: 2/2018 McDonald's2018-450/DWG/Struct NSN 400, Towson, MD.dwg LAYOUT NAME: 115 PLOTTED: Wednesday, April 03, 2019 - 6:17pm



FOUNDATION ELEVATION (PRE-SELL BOARD)

1' = 1'-0"

A
\$1.0/\$1.0



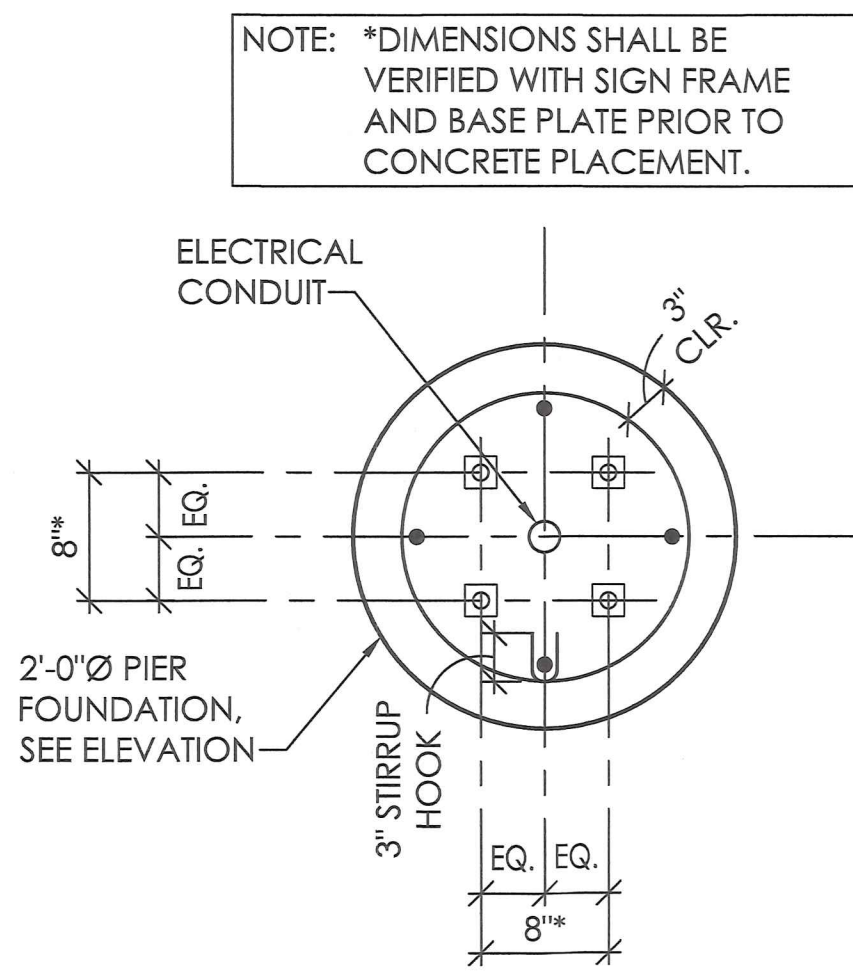
FOUNDATION ELEVATION (MENU BOARD)

1' = 1'-0"

B
\$1.0/\$1.0

ANCHOR BOLT, NUT AND WASHER NOTES:

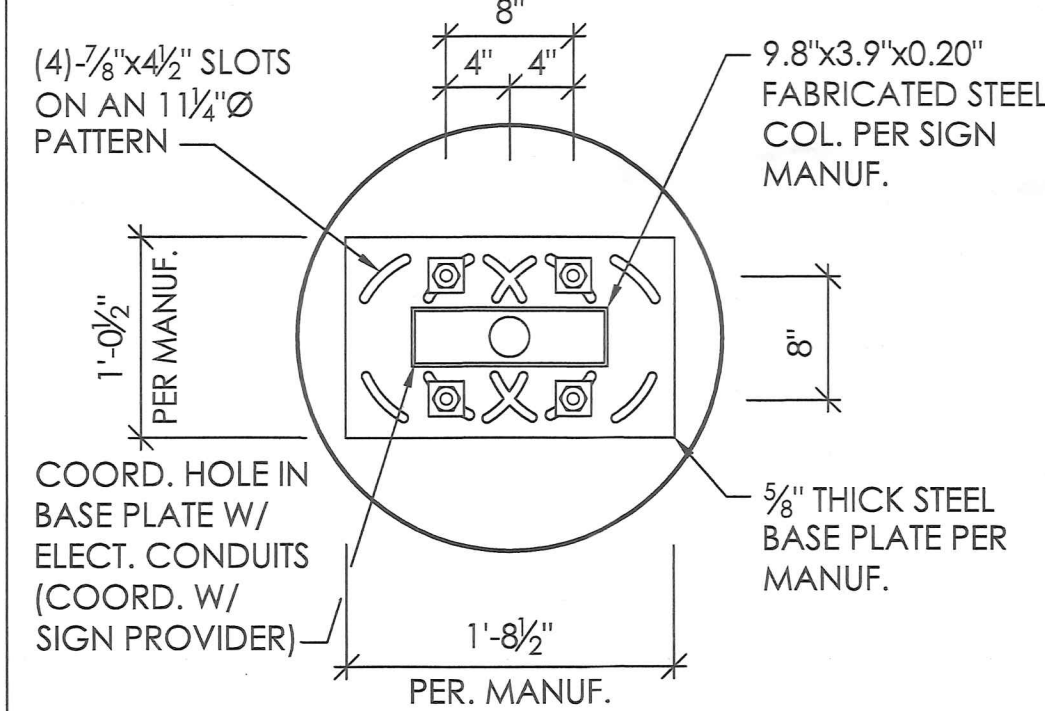
1. TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE ON TOP OF FOUNDATION.
2. USE F1554 GRADE 36 BOLTS MINIMUM.
3. USE HOT-DIP GALVANIZED BOLTS IN ACCORDANCE WITH ASTM A-123.
4. ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE.
5. ANCHOR BOLTS, NUTS AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER.
6. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF FRAME.



TYPICAL ANCHOR BOLT PATTERN

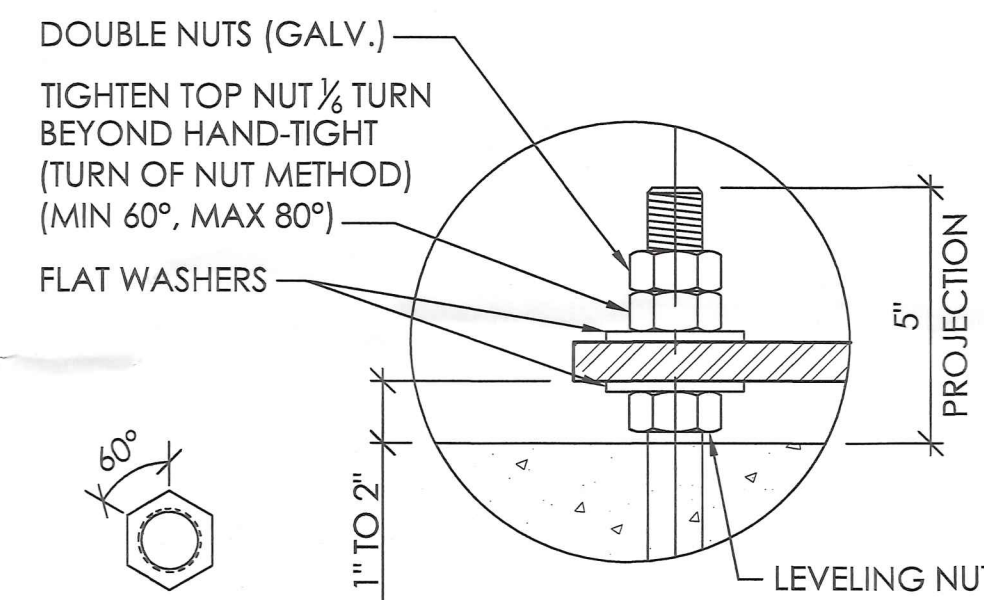
1' = 1'-0"

NOTE: COORDINATE CONDUIT PLACEMENT INSIDE SIGN COLUMN PRIOR TO CONCRETE PLACEMENT.



TYPICAL BASE PLATE DETAIL

NOT TO SCALE



TYPICAL CONNECTION DETAIL

NOT TO SCALE

STEEL NOTES:

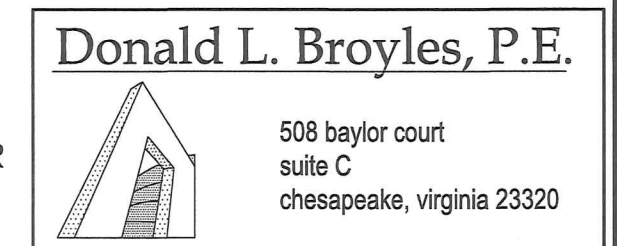
1. REINFORCEMENT: GRADE 60.
2. NUTS: A563DH OR A194-2H.
3. WASHERS: ASTM F-436.
4. ANCHOR BOLTS: ASTM F1554, GRADE 36 HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A-123.
5. ALL HARDWARE SHALL BE HOT-DIP GALVANIZED UNLESS OTHERWISE NOTED.
6. ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER. COORDINATE WITH MANUFACTURER.
7. NO FIELD HEATING TO BEND STEEL SHALL BE ALLOWED.
8. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE.
9. REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ADDITIONAL INFORMATION.
10. CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION IN REGARDS TO JOBSITE SAFETY.
11. STRUCTURAL SIGN FRAME AND BASE PLATE DETAILS ARE PROVIDED BY SIGN MANUFACTURER. COORDINATE ALL ATTACHMENTS OF SIGN WITH MANUFACTURER.

GENERAL NOTES:

1. THE FOLLOWING CODES WERE USED IN DESIGN:
2016 MARYLAND BUILDING PERFORMANCE STANDARDS, IBC 2015 AND ASCE-7 (2010).
2. STRUCTURAL LOADINGS:
WIND:
WIND (3 SECOND GUST)..... $V_{ULT} = 115$ MPH
 $V_{ASD} = 90$ MPH
EXPOSURE.....C
RISK CATEGORY.....II
WIND BASE SHEAR..... $V_b = 400$ LBS (PRE-SELL BOARD)
 $V_b = 700$ LBS (MENU BOARD)
SEISMIC:
SEISMIC IMPORTANCE FACTOR (I_e).....1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS, S_s0.135g
 S_p0.052g
DESIGN SPECTRAL RESPONSE ACCELERATIONS S_{DS}0.144g
 S_{D1}0.083g
SITE CLASS.....D
SEISMIC DESIGN CATEGORY.....B
SEISMIC RESPONSE COEFFICIENT (C_s).....0.041
COMPONENT RESPONSE MODIFICATION FACTOR (R_p).....3.5
SEISMIC DESIGN FORCE (F_p).....0.01 KIPS (PRE-SELL BOARD)
0.03 KIPS (MENU BOARD)
FROST DEPTH.....2'-6"
3. ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE.
4. PRESUMPTIVE MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE (S_b) OF 150 PSF. CONTRACTOR SHALL HIRE A GEOTECHNICAL ENGINEER TO CONFIRM AN ALLOWABLE BEARING PRESSURE (S_b) OF 1500 PSF AND SHALL SUBMIT GEOTECHNICAL REPORT TO ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. ALLOWABLE BEARING PRESSURE SHALL BE VERIFIED PRIOR TO CONCRETE PLACEMENT.
5. FOUNDATION SHALL NOT BE PLACED ON OR AT THE TOP OF A SLOPE EXCEEDING 3:1 WITHOUT EVALUATION BY A PROFESSIONAL LICENSED IN THAT STATE. DO NOT PLACE FOUNDATION IN FILL MATERIAL.
6. DEPTH OF PIER FOUNDATIONS MAY BE LOWERED IF NEEDED TO OBTAIN LOCAL FROST DEPTH ELEVATIONS OR IF REQUIRED DUE TO POOR SOIL CONDITIONS. VERIFY FROST DEPTH ELEVATIONS WITH LOCAL BUILDING CODE OFFICIAL.
7. ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS AND CONTRACTOR (INSTALLER) SHALL COORDINATE PLACEMENT TO MAINTAIN 2" CLEAR TO ANCHOR BOLTS.
8. COORDINATE LOCATIONS OF SIGNS AND FOUNDATIONS WITH SITE PLAN.
9. CONTRACTOR SHALL CUT EXCESS SONOTUBE FROM AROUND THE PERIMETER OF THE PIER FOUNDATION AFTER PLACEMENT OF BOARD (PRIOR TO LEAVING SITE).
10. CONTRACTOR SHALL NOT DEVIATE FROM STRUCTURAL DRAWING WITHOUT PRIOR WRITTEN CONSENT AND INSTRUCTIONS REGARDING ANY CHANGE TO THE CONTRACT DRAWINGS. ANY DEVIATION FROM THIS DESIGN OR FROM ANY PART OF THIS DRAWING WITHOUT PRIOR WRITTEN CONSENT OF THIS ENGINEER SHALL VOID ALL LIABILITY ASSOCIATED WITH THIS WORK.
11. SPECIAL INSPECTION IS NOT REQUIRED FOR THE SIGN FOUNDATIONS

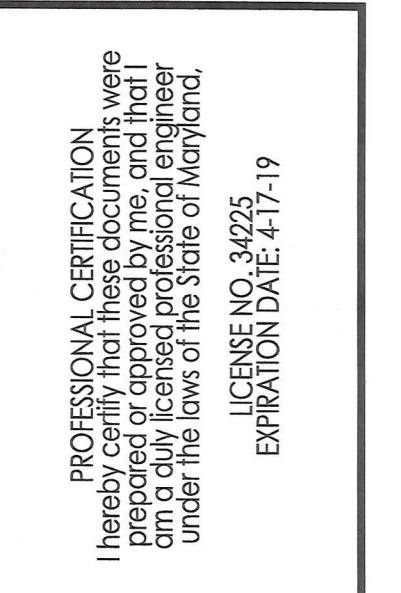
CONCRETE NOTES:

1. ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED EARTH FILL COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D698 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE. A LICENSED GEOTECHNICAL ENGINEER SHALL CONFIRM SOIL CAPACITY PRIOR TO CONCRETE PLACEMENT.
2. ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION. VERIFY WITH LOCAL BUILDING OFFICIAL.
3. TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
4. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 301 "STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
5. ALL CAST-IN-PLACE CONCRETE SHALL ATTAIN AN ULTIMATE COMPRESSIVE STRENGTH (f_c) OF 3000 PSI AT AN AGE OF 28 DAYS UNLESS OTHERWISE NOTED.
6. ALL REINFORCING STEEL SHALL BE ASTM A 615, GRADE 60 DEFORMED BARS, UNLESS OTHERWISE NOTED.
7. CONCRETE PROTECTION FOR REINFORCING AS WELL AS PLACING AND FABRICATION OF REINFORCING SHALL BE IN ACCORDANCE WITH THE "THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS" (ACI 318).
8. ALL CAST-IN-PLACE CONCRETE SHALL BE AIR-ENTRAINED TO 6% ($\pm 1\frac{1}{2}\%$). WATER/CEMENT RATIO SHALL NOT EXCEED 0.48.
9. THE MINIMUM CONCRETE COVER FOR THE PROTECTION OF REINFORCEMENT SHALL BE AS NOTED.
10. BEFORE PLACING CONCRETE, ALL EMBEDDED ITEMS SHALL BE PROPERLY PLACED, ACCURATELY POSITIONED, AND MAINTAINED SECURELY IN PLACE. NO "WET SETTING" IS ALLOWED.
11. AGGREGATES IN NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C-33 (HARDROCK).
12. PORTLAND CEMENT SHALL BE TYPE II FOR ALL CONCRETE CONFORMING TO ASTM C150, LOW ALKALI.
13. FLY ASH OR OTHER POZZOLANS CONFORMING TO ASTM C618 CLASS N OR F MAY BE USED AS A PARTIAL SUBSTITUTION FOR PORTLAND CEMENT UP TO A MAXIMUM OF 25% TOTAL CEMENTITIOUS MATERIALS BE WEIGHT IF THE MIX DESIGN IS PROPORTIONED PER ACI 318, SECTION 5.3. CONTRACTOR SHALL FORWARD DESIGN MIX TO ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.
14. CONCRETE MIXING OPERATIONS, ETC. SHALL CONFORM TO ASTM C94.
15. DO NOT USE ANY CONCRETE OR GROUT CONTAINING CHLORIDES. WATER USED IN MIX SHALL BE CLEAN AND POTABLE.



1' = 1'-0" 0 3' 6' 12'

REV	DATE	BY	DESCRIPTION



DATE	4/3/2019
PROJECT	18755-94
DESIGNED	RSW
DRAWN	WPH
CHECKED	DLB

PRE-SELL / MENU
BOARD
FOUNDATIONS

S1.0