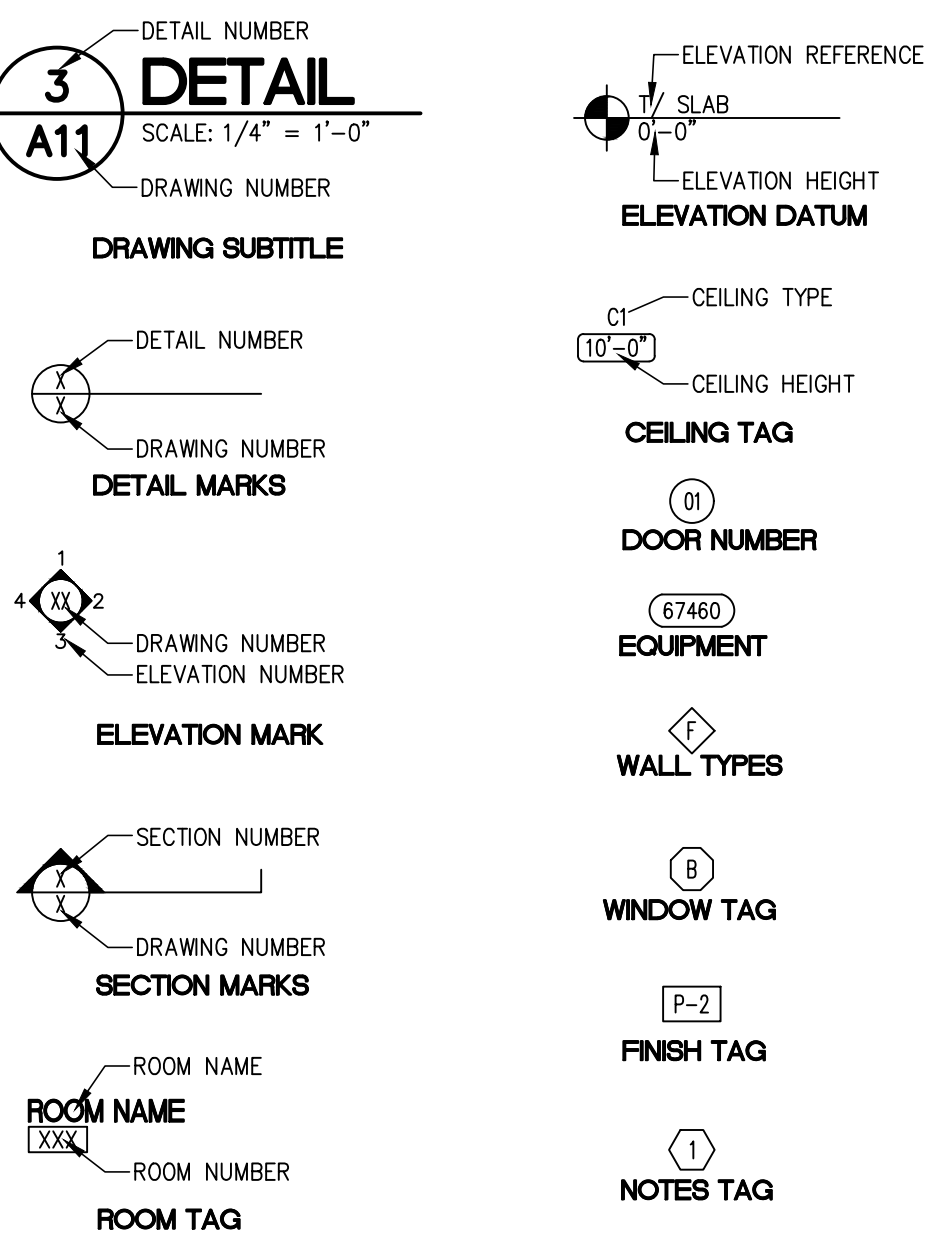


SYMBOL INFORMATION



PROJECT TEAM DIRECTORY

OWNER:
 CONTACT NAME: REGGIE BARNACASEL
 CONTACT INFORMATION: 102 I NOELL LANE, ROCKY MOUNT, NC 27802, PH: (252) 937-2800, FAX: (252) 937-4909

ARCHITECT:
 COMPANY NAME: NATIONAL RESTAURANT DESIGNERS
 CONTACT NAME: GLEN R. LEHMANN
 LICENSE NUMBER: 3177
 CONTACT INFORMATION: 7208 ACC BLVD, SECOND FLOOR, RALEIGH, NC 27617, PH: (919) 544-0087, FAX: (919) 544-9399



**HARDEES OF OLIVIA #1658
 DIGITAL MENU BOARD UPDATES
 5184 NC 87 NORTH
 SANFORD, NC 27332**

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NRD Project # 22300.14

NATIONAL RESTAURANT DESIGNERS
 A DIVISION OF LHM ASSOCIATES
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REGISTERED ARCHITECT
 3177
 GLEN R. LEHMANN
 7/12/23

Hardee's
 HARDEES OF OLIVIA #1658
 DIGITAL MENU BOARD UPDATES
 5184 NC 87 NORTH
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ABBREVIATIONS

Ø DIAMETER	JT. JOINT
□ SQUARE FOOT/FEET	LAM. LAMINATED
@ CENTERLINE	LAV. LAVATORY
# FOUND OR NUMBER	LT. LIGHT
(E) EXISTING	MAX. MAXIMUM
(N) NEW	M.S. MACHINE BOLT
A.B. ANCHOR BOLT	MECH. MECHANICAL
A.C. AIR CONDITIONING	MET. METAL
ACOUS. ACOUSTICAL	MFR. MANUFACTURER
ACOUS. ABOVE FINISH FLOOR	M.H. MANHOLE
ALUM. ALUMINUM	MIN. MINIMUM
APPROX. APPROXIMATE	MISC. MISCELLANEOUS
ARCH. ARCHITECTURAL	M.O. MASONRY OPENING
A.S.R. AUTOMATIC SPRINKLER SYSTEM	MTD. MOUNTED
BD. BOARD	MUL. MULLION
BLDG. BUILDING	N. NORTH
BLK. BLOCK	N.I.C. NOT IN CONTRACT
BLKG. BLOCKING	NO. NUMBER
CLJ. CEILING JOIST	NOM. NOMINAL
CLG. CEILING	N.T.S. NOT TO SCALE
CLR. CLEAR	O.A. OVERALL
C.M. CONSTRUCTION MANAGER	O.C. ON CENTER
C.M.U. CONCRETE MASONRY UNIT	O.D. OUTSIDE DIAMETER
C.O. CLEANOUT	OPD. OVERFLOW DRAIN
CONC. CONCRETE	OPF. OPENING
CONN. CONNECTION	OPP. OPPOSITE
CONSTR. CONSTRUCTION	UNIT
CONT. CONTINUOUS	PARTN. PARTITION
CONTR. CONTRACTOR	P.L. PROPERTY LINE
DBL. DOUBLE	PLAS. PLASTER
DEPT. DEPARTMENT	PLBS. PLUMBING
DET. DETAIL	PLYWD. PLYWOOD
D.F. DRINKING FOUNTAIN	P.T. PRESSURE TREATED
DIA. DIAMETER	Q.T. QUARRY TILE
DIM. DIMENSION	R. RISER
DS. DOWN SPOUT	RAD. RADIUS
DWG. DRAWING	R.D. ROOF DRAIN
E. EAST	REF. REFERENCE
EA. EACH	REFR. REFRIGERATOR
ELEC. ELECTRICAL	REINF. REINFORCED
ELL. ELEVATION	REQD. REQUIRED
E.P. ELECTRICAL PANEL	RESIL. RESILIENT
E.Q. EQUAL	RM. ROOM
EQUIP. EQUIPMENT	R.O. ROUGH OPENING
E.W. EACH WAY	R.O.W. RIGHT OF WAY
EXIS. EXISTING	S. SOUTH
EXT. EXTERIOR	S.A.N. SCALE AS NOTED
F.F. FINISH FLOOR	S.A.T. SUSPENDED ACOUSTICAL TILE
FIN. FINISH	S.C. SOLID CORE
FKT. FIXTURE	SCHED. SCHEDULE
FLR. FLOOR	SECT. SECTION
FL. FLOW LINE	SHT. SHEET
FLUOR. FLUORESCENT	SHTG. SHEATHING
F.H. FIRE HYDRANT	SIM. SIMILAR
F.O.F. FACE OF FINISH	SPEC. SPECIFICATION
F.O.M. FACE OF MASONRY	SQ. SQUARE
F.O.S. FACE OF STUD	SK. SERVICE SINK
F.S. FLOOR SINK	SS. STAINLESS STEEL
F.S.R. FIRE SPRINKLER RISER	STD. STANDARD
FT. FOOT/FEET	STL. STEEL
FIG. FOOTING	STOR. STORAGE
FUT. FUTURE	STR. STRUCTURAL
G.A. GAUGE	SYM. SYMMETRICAL
GALV. GALVANIZED	T. TREAD
G.C. GENERAL CONTRACTOR	T.B. TOP OF BEAM
G.I. GALVANIZED IRON	TEL. TELEPHONE
GL. GLASS	T&G. TONGUE AND GROOVE
GND. GROUND	THK. THICKNESS
GR. GRADE	T.O.C. TOP OF CURB
GYP. GYPSUM	T.O.P. TOP OF PARAPET
HDR. HEADER	T.O.S. TOP OF SHEATHING
HDW. HARDWARE	T.O.W. TOP OF WALL
HT. HEIGHT	TYP. TYPICAL
H.M. HOLLOW METAL	U.B.C. UNIFORM BUILDING CODE
HOR. HORIZONTAL	U.O.N. UNLESS OTHERWISE NOTED
HDWD. HARDWOOD	V.B. VINYL BASE
HVAC. HEATING, VENTILATION AND AIR CONDITIONING	VERT. VERTICAL
I.D. INSIDE DIAMETER	V.C.T. VINYL COMPOSITION TILE
IN. INCH	V.T.R. VENT THROUGH ROOF
INSUL. INSULATION	W. WEST
INT. INTERIOR	W. WITH
	W.C. WATER CLOSET
	WD. WOOD
	W.H. WATER HEATER
	W/O. WITHOUT
	W.R. WATER RESISTANT

ENERGY CODE SUMMARY

2015 INTERNATIONAL ENERGY CONSERVATION CODE

EXISTING ENERGY CODE SUMMARY IS EXISTING TO REMAIN – NO CHANGE

BUILDING CODE SUMMARY

2018 NORTH CAROLINA BUILDING CODE
 2018 NORTH CAROLINA MECHANICAL CODE
 2018 NORTH CAROLINA PLUMBING CODE
 2018 NORTH CAROLINA FIRE PREVENTION CODE
 2017 NATIONAL ELECTRICAL CODE
 2018 NORTH CAROLINA GAS CODE
 ICC-A117.1-2009

BUILDING CODE SUMMARY IS ALL EXISTING TO REMAIN – NO CHANGE

NO CHANGES TO BUILDING, DUMPSTER OR SITE PLAN.

SCOPE OF WORK

REPLACE DRIVE THRU MENU BOARD, DRIVE THRU CANOPY WITH SPEAKER IN SAME LOCATION AS EXISTING.
 REPLACE EXISTING INTERIOR MENU BOARDS WITH DIGITAL MENU BOARDS IN SAME LOCATION.
 NO CHANGES TO BUILDING, DUMPSTER OR SITE PLAN.

OWNER:
 BODDIE-NOELL ENTERPRISES, INC.
 P.O. BOX 1908
 ROCKY MOUNT, NC.
 27802-1908
 (252) 937-2800

NO.	REVISIONS	DATE
	DESCRIPTION	

DRAWN BY: CHECKED BY:

TITLE SHEET

DATE: 7-12-2023

SHEET NUMBER:

T-1



NORTH ↑

NO.	DESCRIPTION	DATE

DRAWN BY: _____ CHECKED BY: _____

ARCHITECTURAL
 SITE PLAN

DATE:
 7-12-2023

SHEET NUMBER:
AS-1

NO.	REVISIONS	DATE

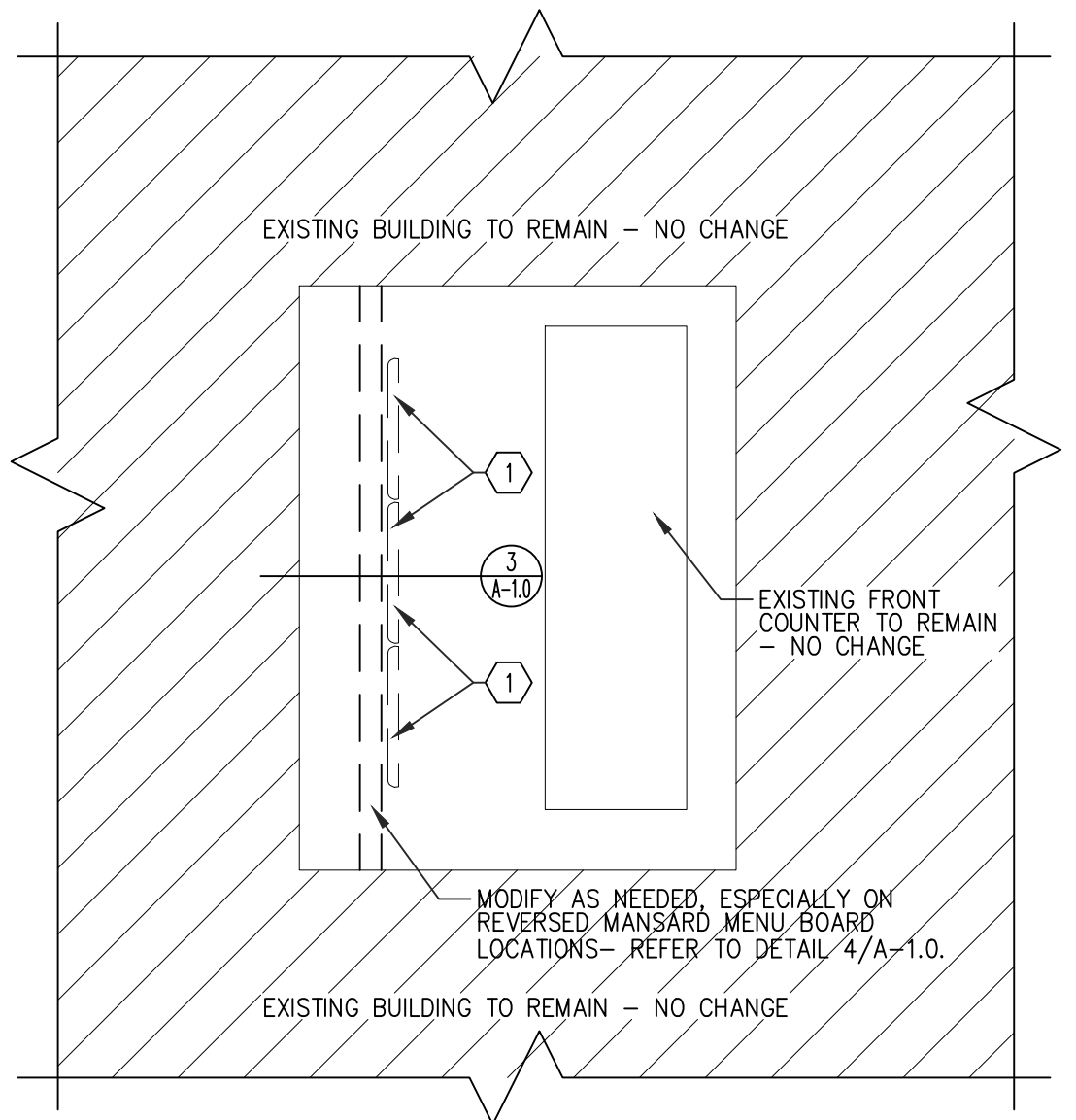
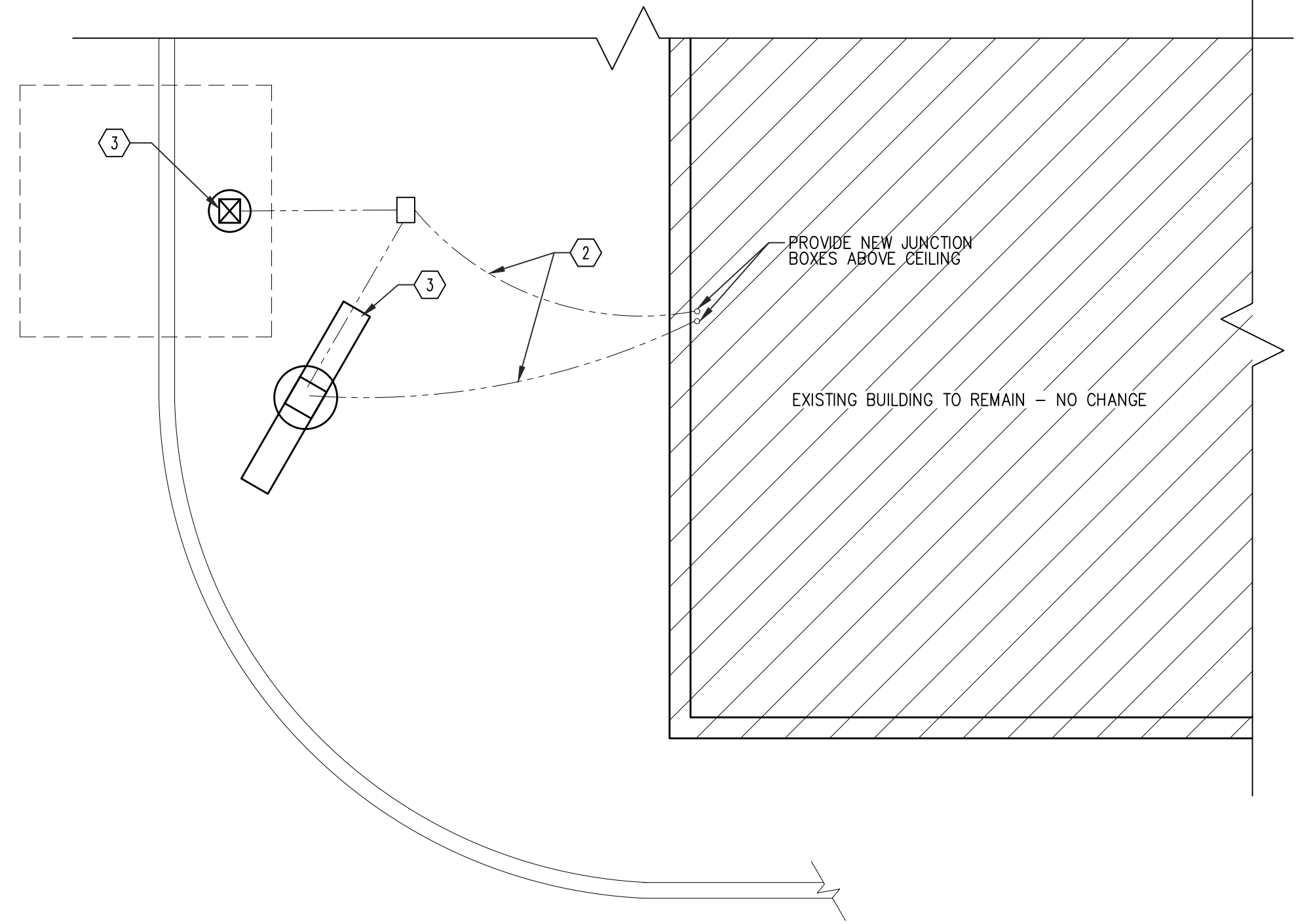
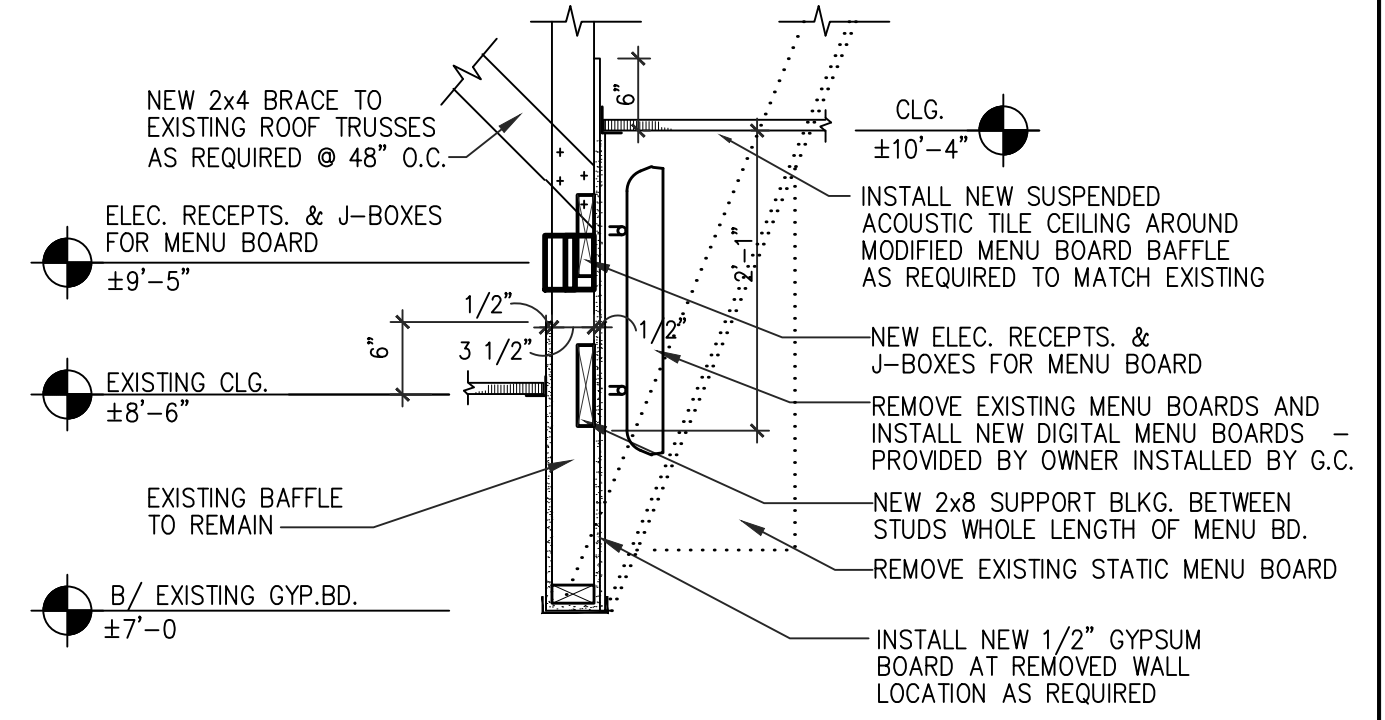
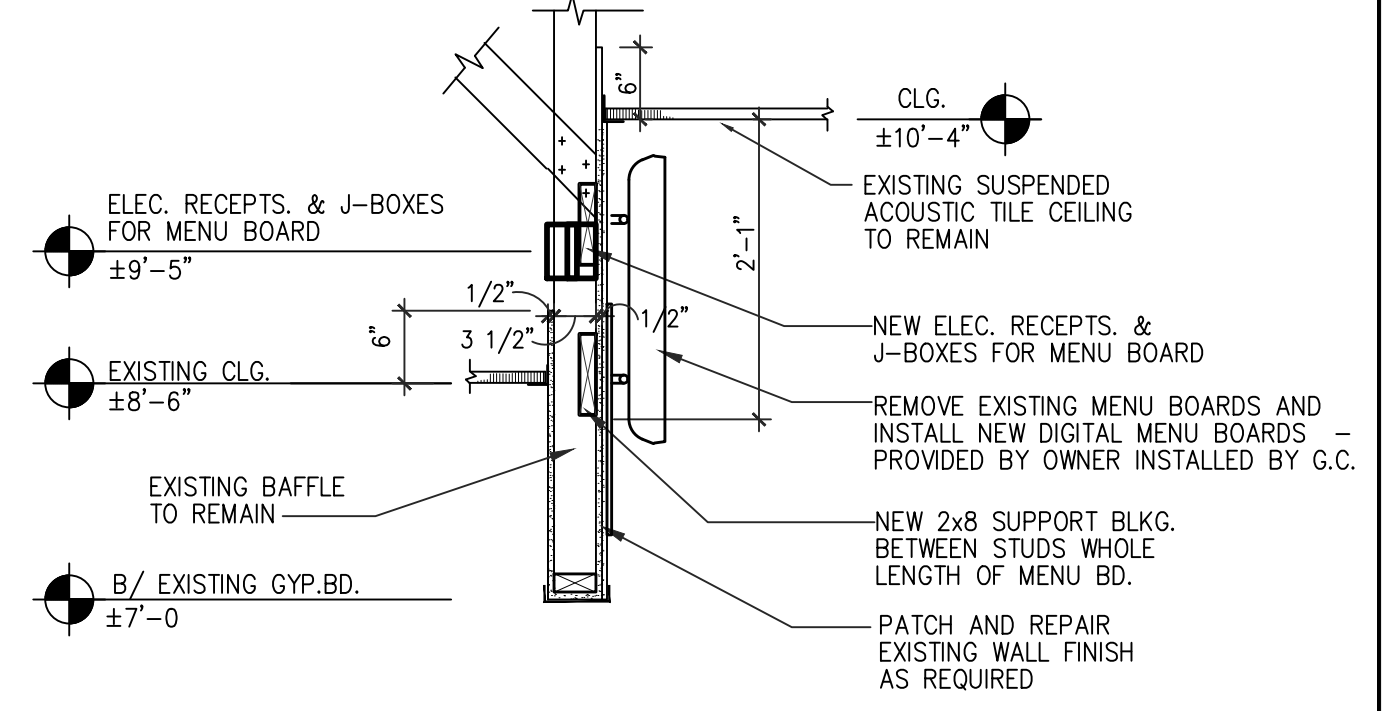
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CONSTRUCTION PLAN

DATE: 7-12-2023

SHEET NUMBER:

A-1



- NOTE:
 1. BUILDING FOOTPRINT IS NOT CHANGING.
- 1 IF INTERIOR DIGITAL MENU BOARD ARE NOT INSTALLED- REMOVE EXISTING INTERIOR MENU BOARDS AND INSTALL NEW DIGITAL MENU BOARDS- ADD ELECTRICAL RECEPTACLE AND DATA JUNCTION BOX FOR NEW DIGITAL MENU BOARDS AS REQUIRED. G.C. SHALL PROVIDE NEW DEDICATED 20 AMP CIRCUIT WITH #12 WIRE AND 1" CONDUIT - COORDINATE WITH EXISTING PANEL AS REQUIRED.
- 2 (1) 1" CONDUIT FOR POWER AND (1) 2" CONDUIT FOR DATA FROM ABOVE CEILING IN BUILDING AT BACK BUILDING WALL TO NEW MENU BOARD LOCATION - REFER TO DETAIL 4/A-2.0.
- 3 GENERAL CONTRACTOR SHALL DEMO EXISTING MENU BOARD AND SPEAKER POST. COORDINATE WITH OWNER ON EXACT LOCATION OF NEW DIGITAL MENU BOARD, COVERED D/T CANOPY/SPEAKER POST AND EXTEND POWER CONDUITS TO NEW LOCATIONS. G.C. SHALL PROVIDE NEW FOUNDATIONS AND EXTEND POWER/CONDUITS AS REQUIRED. REFER TO DETAILS 1 AND 2/A-2.0 AND 1/A-2.1. NEW EQUIPMENT SHALL BE PROVIDED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR.

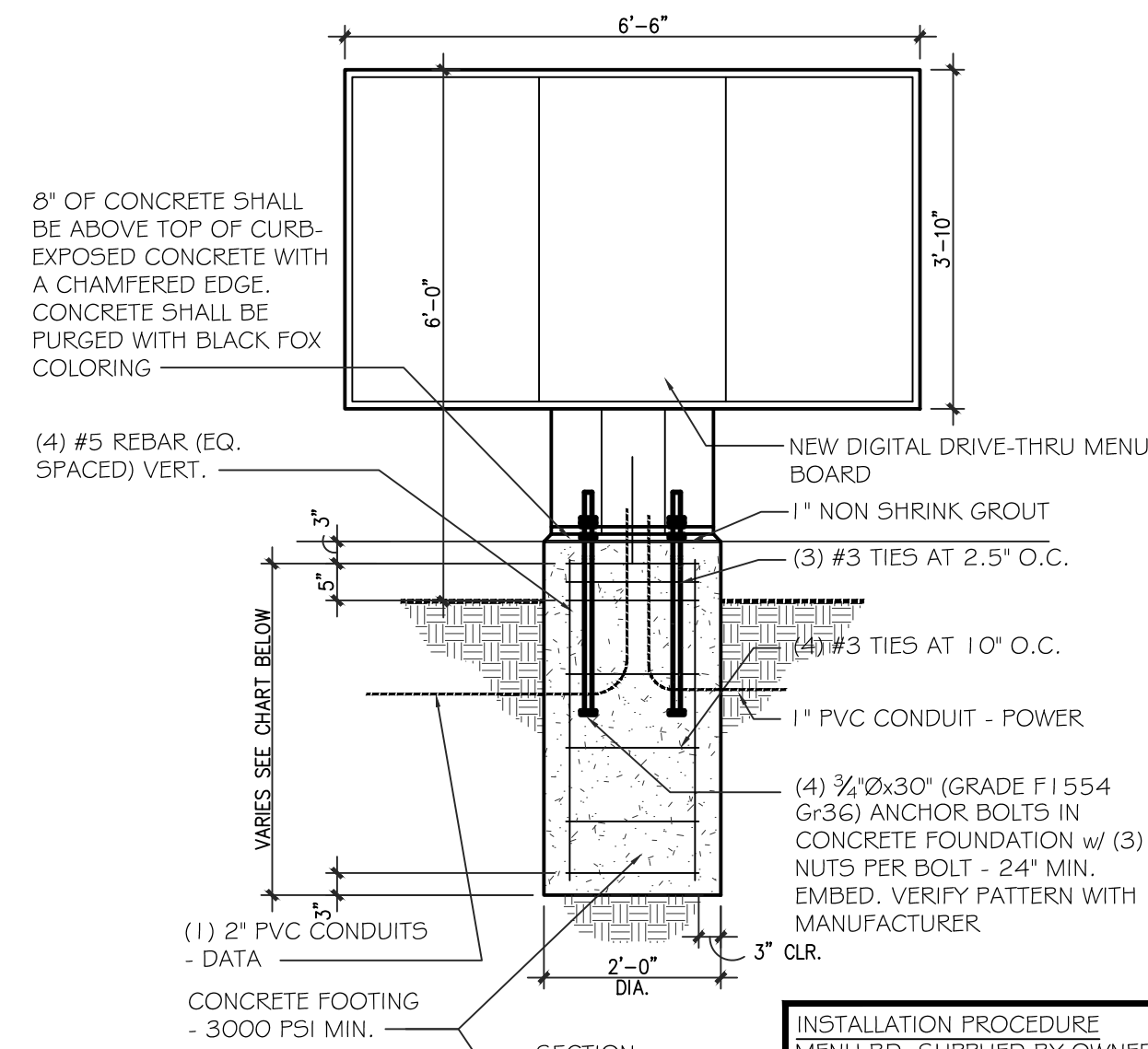
CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0" 2

CONSTRUCTION NOTES

SCALE: N.T.S. 1

ENCLOSURE MEASUREMENTS
 WIDTH: 78"
 HEIGHT (INCLUDING BASE): 64"
 BASE WIDTH: 22"
 BASE HEIGHT: 17 3/4"
 BASE DEPTH: 14 1/8"
 WEIGHT:
 TOTAL IS APPROX. 65LB WITH THE DISPLAYS



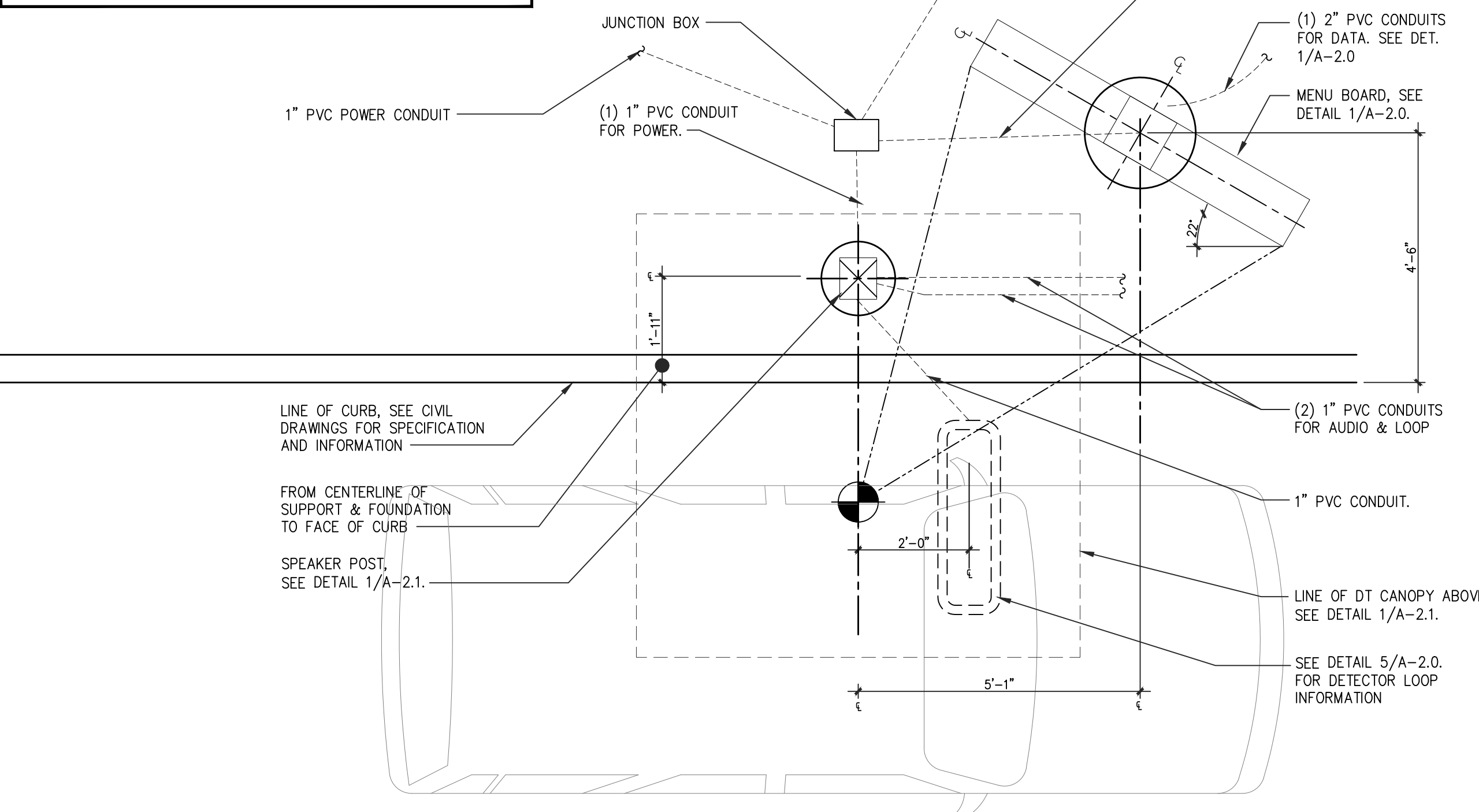
WIND LOADS	FOUNDATION DEPTH
90 MPH (ASCE-7-05)	4'-0"
115 MPH (ASCE-7-10)	4'-0"
120 MPH (ASCE-7-05)	5'-0"
153 MPH (ASCE-7-10)	5'-0"
150 MPH (ASCE-7-05)	5'-9"
192 MPH (ASCE-7-10)	5'-9"

INSTALLATION PROCEDURE
 MENU BD. SUPPLIED BY OWNER.
 GENERAL CONTRACTOR IS TO:
 1. EXCAVATE AND POUR THE FOUNDATION.
 ELECTRICAL CONTRACTOR IS TO:
 2. INSTALL POWER WIRING TO BASE AND MAKE FINAL ELECTRICAL CONNECTION.
 GENERAL CONTRACTOR:
 3. INSTALL MENU BD.

DRIVE THRU DIGITAL MENU BOARD

SCALE: 1/2" = 1'-0" 1

INSTALLATION NOTES:
 1. EXTEND EXISTING POWER CONDUITS AND CONDUCTORS AS REQUIRED FROM EXISTING MENU BOARD, PREVIEW BOARD, AND SPEAKER POST TO NEW LOCATIONS USING 2#12 CU, #12 CU GND, IN 1" CEUSE. EXISTING BREAKERS IN EXISTING PANEL.
 2. REMOVE EXISTING MENU BOARD AND SPEAKER POST AND INSTALL NEW. REMOVE AND SAVE EXISTING PREVIEW BOARD FOR REUSE. (COORDINATE WITH PROJECT MANAGER)

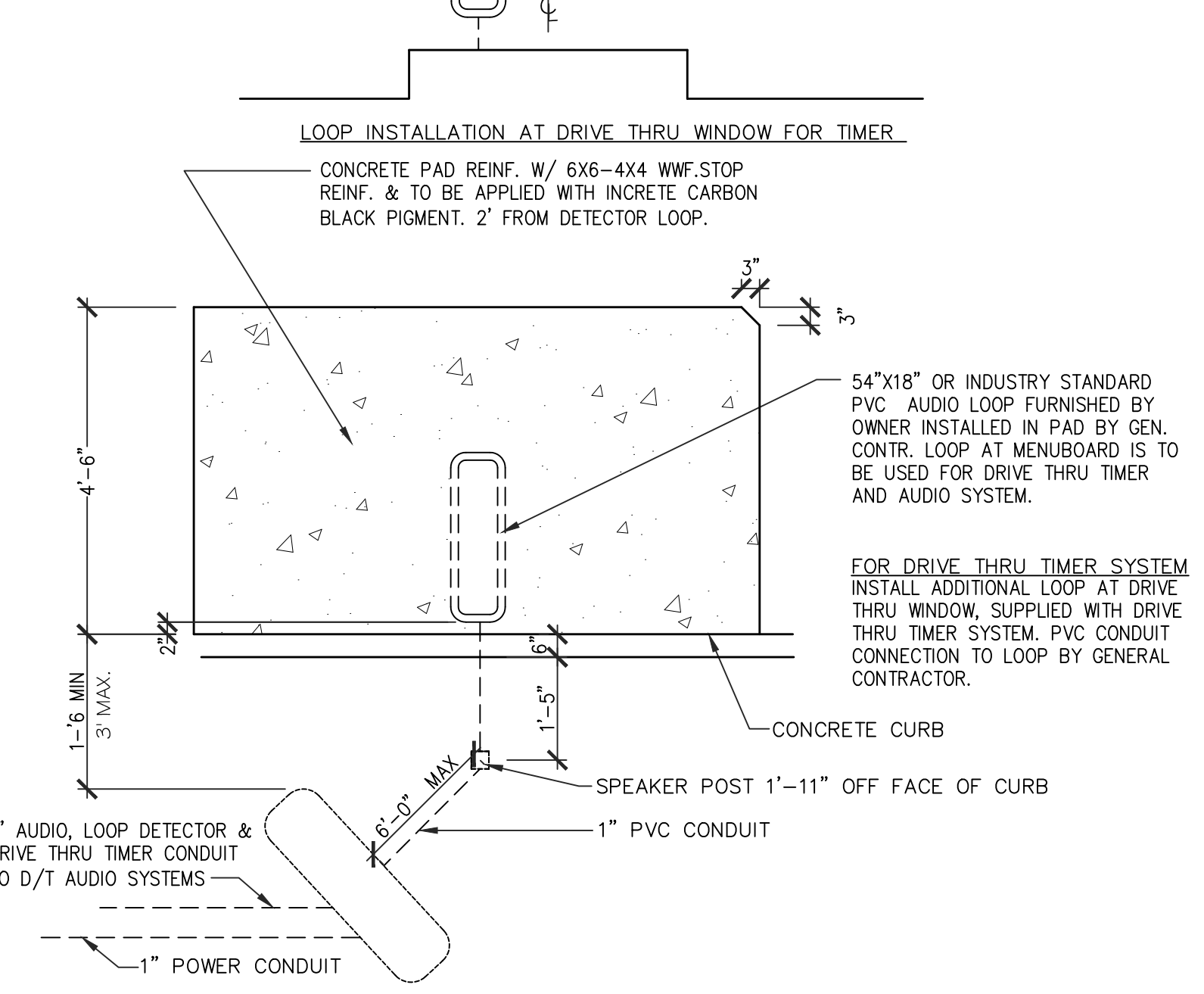


NOTE: COORDINATE EXACT LOCATION WITH BNE PROJECT MANAGER PRIOR TO INSTALLATION OF FOOTINGS. LAYOUT IS INFORMATIONAL ONLY. PLACEMENT OF MENU BOARD AND DRIVE THRU CANOPY NEEDS TO BE ADJUSTED TO FIT EXISTING CONDITIONS.

MENUBOARD LAYOUT • DRIVETHRU

SCALE: 1/2" = 1'-0" 4

DRIVE THRU TIMER NOTES
 1. CUT BACK ALL WIRE MESH AND REBAR AT LEAST 24" FROM LOOP.
 2. NO METAL TO RUN WITHIN 24" OF GROUND LOOP, ESPECIALLY SEWER, DRAIN AND WATER PIPES.
 3. GROUND LOOP MUST NOT BE BURIED MORE THAN 2" DEEP IN THE CONCRETE.
 4. LONG SIDES OF THE LOOP TO BE AT RIGHT ANGLES TO THE CURB OF THE DRIVE.
 5. LOOPS AT DRIVE THRU WINDOW TO HAVE DRIVE THRU TIMER CONDUIT ONLY.



DETECTOR LOOP SCHEMATIC

SCALE: 1/2" = 1'-0" 5

GENERAL
 1. WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE AND SIMILAR CONDITIONS.
 2. SHOP DRAWINGS: THE CONTRACTOR SHALL COORDINATE THE CIVIL AND ELECTRICAL REQUIREMENTS WITH THE FOUNDATION PLAN/DRAWINGS INCLUDING THE LOCATION OF MISCELLANEOUS ITEMS AFFECTING THE STRUCTURAL WORK. PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES/CONFLICTS OR OMISSIONS.
 3. THE SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR AND SUBCONTRACTOR PRIOR TO BEING SUBMITTED TO THE ENGINEER FOR APPROVAL.
 4. SPECIAL INSPECTIONS: NOT REQUIRED.

FOUNDATIONS
 1. SOIL DESIGN BEARING VALUE - 2000 PSF (TO BE FIELD VERIFIED IF QUESTIONABLE)
 2. FOUNDATIONS SHALL BE PLACED ONLY ON APPROVED NATURAL UNDISTURBED SOIL STRATA OR ON PROPERLY PLACED ENGINEERED CONTROLLED COMPACTED FILL UNDER THE SUPERVISION OF THE GEOTECHNICAL LABORATORY.
 3. FOOTING EXCAVATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER OR, IF SO DIRECTED, BY A GEOTECHNICAL LABORATORY PRIOR TO PLACING FOOTING CONCRETE. IF PERFORMED BY A GEOTECHNICAL ENGINEER, THE GEOTECHNICAL LABORATORY/ENGINEERS SHALL PROVIDE RESULTS OF DCP TESTS TO ENGINEER FOR VERIFICATION AND RECORD.
 4. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT STORMWATER FROM ENTERING FOUNDATION EXCAVATIONS. ALL WATER SHALL BE REMOVED BEFORE DEPOSITING CONCRETE. CONCRETE SHALL NOT BE PLACED ON SOFT, SATURATED SOIL.

CONCRETE
 1. CONCRETE SHALL DEVELOP THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAYS:
 A) FOOTINGS - 3000 PSI
 B) PEDESTALS - 3000 PSI
 2. CONCRETE FOR FOOTINGS/PEDESTALS, SHALL BE REGULAR STONE CONCRETE.
 3. ALL CONCRETE WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318.
 4. OBSERVE ALL AND STRICTLY FOLLOW ALL ACI 305 AND 306 REQUIREMENTS RESPECTIVELY FOR PROTECTION OF CONCRETE IN HOT AND COLD WEATHER.
 5. ALL CONCRETE WORK SHALL BE PROPERLY CURED IN CONFORMANCE WITH ACI 308.
 6. CHAMFER EXPOSED EDGES AND CORNERS OF CONCRETE 1" UNLESS OTHERWISE NOTED.
 7. THE SLUMP OF CAST-IN-PLACE CONCRETE SHALL NOT EXCEED 4 INCHES WITHOUT A HIGH RANGE WATER REDUCING ADMIXTURE. THE SLUMP OF CAST-IN-PLACE CONCRETE WITH THE USE OF A HIGH RANGE WATER REDUCING ADMIXTURE SHALL NOT EXCEED 8 INCHES. ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED 5% (TO MAXIMUM OF 7%), ENTRAPPED AIR SHALL NOT EXCEED 3%.
 8. STEEL CLEARANCES: SEE REINFORCING STEEL, ITEM 4.

REINFORCED STEEL
 1. BARS SHALL BE ROLLED FROM NEW BILLET-STEEL CONFORMING TO "SPECIFICATION FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT," ASTM A615, GRADE 60.
 2. DETAIL AND FABRICATE REINFORCING STEEL IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315.
 3. REINFORCING STEEL SHALL BE IN PLACE AND REVIEWED BY THE PROJECT ENGINEER PRIOR TO PLACING CONCRETE.
 4. UNLESS OTHERWISE NOTED ON THE DRAWINGS REBAR SHALL HAVE THE FOLLOWING MINIMUM CLEARANCES FROM THE FACE OF CONCRETE.
 A) FOOTINGS - 3" WITH EARTH FORMS; 2" WITH REMOVABLE FORMS.
 B) PEDESTALS - 2" TO TIES
 5. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

GROUT
 1. PROVIDE NON-SHRINK, NON-METALLIC PRE-MIXED GROUT UNDER ALL COLUMN BASE PLATES. GROUT SHALL HAVE A COMPRESSIVE STRENGTH OF 7,000 PSI @ 7 DAYS. NON-SHRINK GROUT SHALL BE IN ACCORDANCE WITH CRD-C621 SPECIFICATIONS, AND SHALL BE NON-CORROSIVE, NON-STAINING AND NON-METALLIC, PREMIXED PRODUCT.

DESIGN CRITERIA AND GOVERNING NOTES:
 1. CONFORM TO THE REQUIREMENTS OF LATEST STATE AND LOCAL CODES, AS APPLICABLE.
 2. 2010 EDITION OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 7-10), "MINIMUM LOADS FOR BUILDINGS AND OTHER STRUCTURES."
 3. THIRTEENTH EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), "STEEL CONSTRUCTION MANUAL."
 4. LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE (ACI 318), "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
 5. LATEST EDITION OF THE AMERICAN STANDARDS OF TESTING OF MATERIALS (ASTM), "STANDARDS IN BUILDING CODES", VOLUME I AND II.
 6. LATEST EDITION OF THE AMERICAN WELDING SOCIETY (AWS), "STRUCTURAL WELDING CODE".
 7. LATEST EDITION OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.

DIMENSIONS
 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DIMENSIONS IN THE DRAWINGS AND ADVISING THE ENGINEER OF ANY DIFFERENCES IN THE DIMENSIONS ON THE DRAWINGS PRIOR TO COMMENCING CONSTRUCTION.
 2. FIELD VERIFY THE BASE PLATE TEMPLATE DIMENSIONS BEFORE SETTING ANCHOR BOLTS.

EXISTING CONDITIONS
 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL EXISTING JOB CONDITIONS. ANY ADVERSE EXISTING CONDITIONS AFFECTING WORK SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR POSSIBLE CLARIFICATION OF RECONCILIATION.

PRE-ORDER MENU BOARD AND MENU BOARD GENERAL NOTES

SCALE: N.T.S. 6

NATIONAL RESTAURANT DESIGNERS
 A DIVISION OF LHM ASSOCIATES
 7208 ACC BLVD, 2ND FLOOR,
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REGISTERED ARCHITECT
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Hardee's
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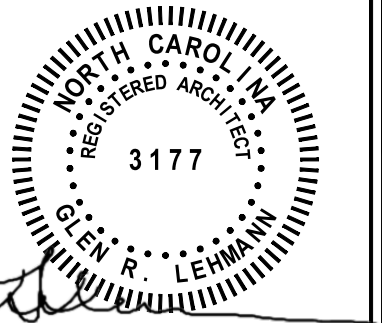
OWNER:
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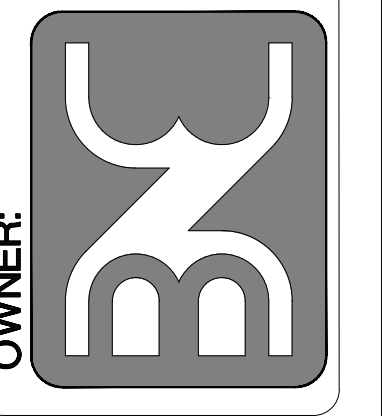
DRIVE-THRU DETAILS

DATE: 7-12-2023

SHEET NUMBER: **A-2.0**



7/12/23



NO.	REVISIONS	DESCRIPTION	DATE

DRAWN BY: _____ CHECKED BY: _____

DRIVE-THRU CANOPY

DATE: 7-12-2023

SHEET NUMBER:

A-2.1

