

SYMBOL INFORMATION

3
A11
DETAIL
SCALE: 1/4" = 1'-0"
DRAWING NUMBER
DRAWING SUBTITLE

ELEVATION REFERENCE
SLAB
ELEVATION HEIGHT
ELEVATION DATUM

CEILING TYPE
CEILING HEIGHT
CEILING TAG

DOOR NUMBER
EQUIPMENT
WALL TYPES

SECTION NUMBER
DRAWING NUMBER
SECTION MARKS

ROOM NAME
ROOM NUMBER
ROOM TAG

NOTES TAG

PROJECT TEAM DIRECTORY

OWNER:
COMPANY NAME: BODDIE-NOELL ENTERPRISES, INC.
CONTACT NAME: REGGIE BARNACASEL
CONTACT INFORMATION: 1021 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: 3005 CARRINGTON MILL BLVD SUITE 150, MORRISVILLE, NC 27560, PH: (919) 544-0067, FAX: (919) 544-9399



BNE EXTERIOR IMAGE UPGRADE

SKATS TYPE: D

**459 N. MCKINLEY ST.
COATS, NC 27521**

SHEET INDEX

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ARCHITECTURAL	
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A-4.0 DRIVE THRU DETAILS	
A-4.1 DRIVE THRU CANOPY	

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Limited liability only review
Permit holder responsible for full compliance with the code

05/06/2021

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

ENERGY CODE SUMMARY

2015 INTERNATIONAL ENERGY CONSERVATION CODE

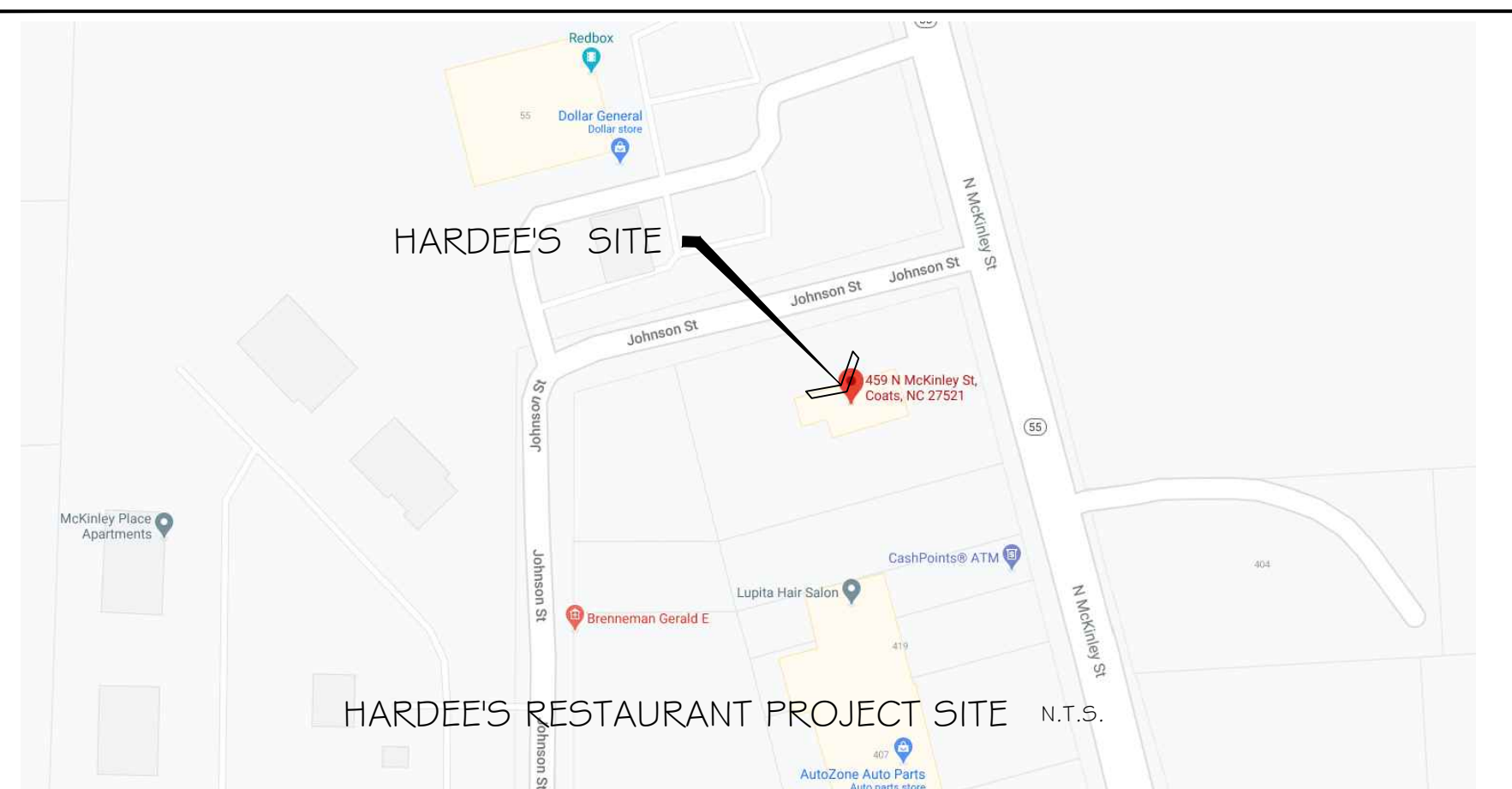
EXISTING ENERGY CODE SUMMARY IS EXISTING TO REMAIN – NO CHANGE

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

SEE APPENDIX B ON DRAWING T-2

VICINITY MAP



NRD Project # 21114

national restaurant designers
NRD ARCHITECTS & ENGINEERS
3005 Carrington Mill Blvd.
Morrisville, NC 27560
ph: 919 544 7251 fax: 919 544 9399
A Division of LMHT Associates

GLEN R. LEHMANN
REGISTERED ARCHITECT
3177
MORRISVILLE, N.C.
LMHT ASSOCIATES P.A.
CERT. NO. 178
NORTH CAROLINA
MORRISVILLE, NC

Hardee's
SKATS TYPE D
HARDEE'S
URBAN-LITE REMODEL
459 NORTH MCKINLEY ST.
COATS, NC 27521

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

NO.	DATE	DESCRIPTION

DRAWN BY: _____ CHECKED BY: _____

TITLE SHEET

DATE: 04-15-2021

SHEET NUMBER:
T-1

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)**

Name of Project: 21114-BNE COATS, NC
Address: 459 N. MCKINLEY ST. COATS, NC Zip Code 27521
Owner/Authorized Agent: NRD Phone # (919) 544 - 0087 E-Mail RLEHMANN@LHMT.COM
Owned By: City/County Private State
Code Enforcement Jurisdiction: City County HARNETT State

CONTACT:
DESIGNER FIRM NAME LICENSE # TELEPHONE # E-MAIL
Architectural NRD GLEN R. LEHMANN 3177 (919) 544-0087 OLEHMANN@LHMT.COM
Civil ()
Electrical ()
Fire Alarm ()
Plumbing ()
Mechanical ()
Sprinkler-Standpipe ()
Structural ()
Retaining Walls >5' High ()
Other ()
(Other should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE: New Building Addition Renovation
 1st Time Interior Completion
 Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
 Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: EXISTING: Prescriptive Repair Chapter 14
Alteration: Level I Level II Level III
 Historic Property Change of Use
CONSTRUCTED: (date) N/A CURRENT OCCUPANCY(S) (Ch. 3): A2- RESTAURANT
RENOVATED: (date) N/A PROPOSED OCCUPANCY(S) (Ch. 3): N/A
RISK CATEGORY (Table 1604.5): Current: I II III IV
Proposed: I II III IV

BASIC BUILDING DATA
Construction Type: I-A II-A III-A IV V-A
(check all that apply) I-B II-B III-B V-B
Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
Standpipes: No Yes Class I II III Wet Dry
Fire District: No Yes Flood Hazard Area: No Yes
Special Inspections Required: No Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

Gross Building Area Table			
FLOOR	EXISTING (SQ. FT.)	NEW (SQ. FT.)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	1,940 SQ. FT.	0	1,940 SQ. FT.
Basement			
TOTAL			1,940 SQ. FT.

ALLOWED AREA
Primary Occupancy Classification(s): Select one Select one Select one Select one Select one
Assembly A-1 A-2 A-3 A-4 A-5
Business
Educational
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
Institutional I-1 Condition 1 2
 I-2 Condition 1 2
 I-3 Condition 1 2 3 4 5
 I-4
Mercantile
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
Utility and Miscellaneous

Accessory Occupancy Classification(s):
Incidental Uses (Table 509):
Special Uses (Chapter 4 - List Code Sections):
Special Provisions (Chapter 5 - List Code Sections):
Mixed Occupancy: No Yes Separation: _____ Hr. Exception:
 Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
 Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.
Actual Area of Occupancy A + Actual Area of Occupancy B ≤ 1
Allowable Area of Occupancy A Allowable Area of Occupancy B
_____ + _____ + = _____ ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2.4 AREA FOR FRONTAGE INCREASE 1.5	(C) AREA FOR FRONTAGE INCREASE 1.5	(D) ALLOWABLE AREA PER STORY OR UNLIMITED 2.3
GROUND	ASSEMBLY A-2	1,940 SQ. FT.	6,000 SQ. FT.	N/A	6,000 SQ. FT.

1 Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = N/A (F)
b. Total Building Perimeter = N/A (P)
c. Ratio (F/P) = N/A (F/P)
d. W = Minimum width of public way = N/A (W)
e. Percent of frontage increase If = 100[F/P - 0.25] x W/30 = N/A (%)
2 Unlimited area applicable under conditions of Section 507.
3 Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
4 The maximum area of open parking garages must comply with Table 406.5.4.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT			
	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE 1
Building Height in Feet (Table 504.3) 2	40'-0"	18'-0"	504.2
Building Height in Stories (Table 504.4) 3			

1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
2 The maximum height of air traffic control towers must comply with Table 412.3.1.
3 The maximum height of open parking garages must comply with Table 406.5.4.

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (RATED REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses							
Bearing Walls	N/A	0	N/A	N/A	N/A	N/A	N/A
Exterior							
North	N/A	0	0	N/A	N/A	N/A	N/A
East	N/A	0	0	N/A	N/A	N/A	N/A
West	N/A	0	0	N/A	N/A	N/A	N/A
South	N/A	0	0	N/A	N/A	N/A	N/A
Interior							
Nonbearing Walls and Partitions							
Exterior walls	>30'	0	0	N/A	N/A	N/A	N/A
North	>30'	0	0	N/A	N/A	N/A	N/A
East	>30'	0	0	N/A	N/A	N/A	N/A
West	>30'	0	0	N/A	N/A	N/A	N/A
South	>30'	0	0	N/A	N/A	N/A	N/A
Interior walls and partitions	N/A	0	0	N/A	N/A	N/A	N/A
Floor Construction							
Including supporting beams and joists	0	0	0	N/A	N/A	N/A	N/A
Floor Ceiling Assembly	0	0	0	N/A	N/A	N/A	N/A
Columns Supporting Floors	0	0	0	N/A	N/A	N/A	N/A
Roof Construction, including supporting beams and joists	0	0	0	N/A	N/A	N/A	N/A
Roof Ceiling Assembly	0	0	0	N/A	N/A	N/A	N/A
Columns Supporting Roof	0	0	0	N/A	N/A	N/A	N/A
Shaft Enclosures - Lift	0	0	0	N/A	N/A	N/A	N/A
Shaft Enclosures - Other	0	0	0	N/A	N/A	N/A	N/A
Corridor Separation	0	0	0	N/A	N/A	N/A	N/A
Occupancy/Fire Barrier Separation	0	0	0	N/A	N/A	N/A	N/A
Party/Fire Wall Separation	0	0	0	N/A	N/A	N/A	N/A
Smoke Barrier Separation	0	0	0	N/A	N/A	N/A	N/A
Smoke Partition	0	0	0	N/A	N/A	N/A	N/A
Tenant/Dwelling Unit/Sleeping Unit Separation	0	0	0	N/A	N/A	N/A	N/A
Incidental Use Separation	0	0	0	N/A	N/A	N/A	N/A

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS			
FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
N/A	N/A	N/A	N/A

LIFE SAFETY SYSTEM REQUIREMENTS
Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarm: No Yes
Smoke Detection Systems: No Yes Partial HVAC (DUCT DETECTION)
Carbon Monoxide Detection: No Yes

LIFE SAFETY PLAN REQUIREMENTS EXISTING TO REMAIN
Life Safety Plan Sheet #: _____
 Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations (if not on the site plan)
 Exterior wall opening area with respect to distance to assumed property lines (500.8)
 Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
 Occupant loads for each area
 Exit access travel distances (1017)
 Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
 Dead end lengths (1020.4)
 Clear exit widths for each exit door
 Maximum calculated occupant load capacity, each exit door can accommodate based on egress width (1005.3)
 Actual occupant load for each exit door
 A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
 Location of doors with panic hardware (1010.1.10)
 Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
 Location of doors with electromagnetic egress locks (1010.1.9.9)
 Location of doors equipped with hold-open devices
 Location of emergency escape windows (1030)
 The square footage of each fire area (202)
 The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
 Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)							
TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ACCESSIBLE PARKING (SECTION 1106) EXISTING TO REMAIN NO CHANGE						
LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	PROVIDED	# OF ACCESSIBLE SPACES PROVIDED			TOTAL # ACCESSIBLE PROVIDED
			REGULAR WITH 5' ACCESS AISLE	132' ACCESS AISLE	8' ACCESS AISLE	
TOTAL						

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1) EXISTING TO REMAIN NO CHANGE										
USE	SPACE	WATERCLOSETS			URINALS		SHOWERS / TUBS		DRINKING FOUNTAINS	
		MALE	FEMALE	UNISEX	MALE	FEMALE	UNISEX	REGULAR	ACCESSIBLE	
EXISTING	1	1	0	0	0	0	0	0	0	0
NEW	0	0	0	0	0	0	0	0	0	0
REPAIR	0	0	1	1	0	0	0	0	0	0

SPECIAL APPROVALS
Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: No Yes (The remainder of this section is not applicable)
Exempt Building: No Yes (Provide code or statutory reference): _____
Climate Zone: 3A 4A 5A
Method of Compliance: Energy Code Performance Prescriptive Com-Check
ASHRAE 90.1 Performance Prescriptive Com-Check
(If "Other" specify source here)

THERMAL ENVELOPE (Prescriptive method only)
Roof/ceiling Assembly (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Skylights in each assembly: _____
U-Value of skylight: _____
total square footage of skylights in each assembly: _____
Exterior Walls (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Openings (windows or doors with glazing)
U-Value of assembly: _____
Solar heat gain coefficient: _____
Shading factor: _____
Floor R-Values: _____

Walls below grade (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Floors over unconditioned space (each assembly)
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Floors slab on grade
Description of assembly: _____
U-Value of total assembly: _____
Horizontal/vertical requirement: _____
slab heated: _____

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)**

DESIGN LOADS:
Importance Factors: Snow (IS) _____
Seismic (IE) _____
Live Loads: Roof _____ psf
Mezzanine _____ psf
Floor _____ psf
Ground Snow Load: _____ psf
Wind Load: Ultimate Wind Speed _____ mph (ASCE-7)
Exposure Category _____
SEISMIC DESIGN CATEGORY: B C D
Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) I II III IV
Spectral Response Acceleration SS _____ %g S1 _____ %g
Site Classification (ASCE 7) A B C D E F
Data Source: Field Test Presumptive Historical Data
Basic structural system
 Bearing Wall Dual w/ Special Moment Frame
 Building Frame Dual w/ Intermediate R/C or Special Steel
 Moment Frame Inverted Pendulum
Analysis Procedure: Simplified Equivalent Lateral Force Dynamic
Architectural, Mechanical, Components anchored? Yes No
LATERAL DESIGN CONTROL: Earthquake Wind
SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) _____ psf
Presumptive Bearing capacity _____ psf
Pile size, type, and capacity _____

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)**

MECHANICAL SUMMARY
MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

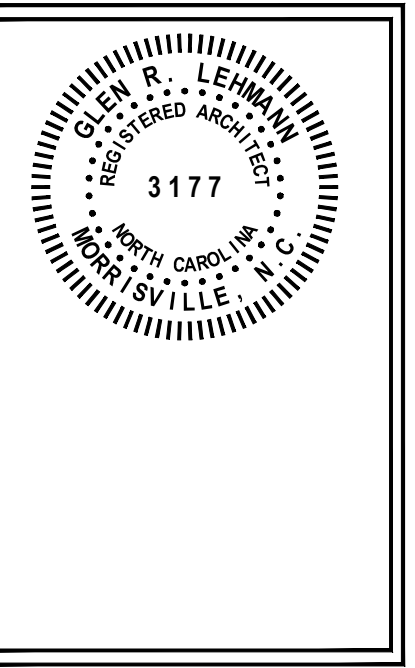
Thermal Zone
winter dry bulb: _____
summer dry bulb: _____
Interior design conditions
winter dry bulb: _____
summer dry bulb: _____
relative humidity: _____
Building heating load: _____
Building cooling load: _____
Mechanical Space Conditioning System
Unit:
Description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler:
Size category, if oversized, state reason: _____
Chiller:
Size category, if oversized, state reason: _____
List equipment efficiencies: _____

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)**

ELECTRICAL SUMMARY
ELECTRICAL SYSTEM AND EQUIPMENT
Method of Compliance: Energy Code Performance Prescriptive
ASHRAE 90.1 Performance Prescriptive
Lighting schedule (each fixture type)
lamp type required in fixture _____
number of lamps in fixture _____
ballast type used in the fixture _____
number of ballasts in fixture _____
total wattage per fixture _____
total interior wattage specified vs. allowed (whole building or space by space) _____
total exterior wattage specified vs. allowed _____
Additional Efficiency Package Options
(When using the 2018 NCECC, not required for ASHRAE 90.1)
 C406.2 More Efficient HVAC Equipment Performance
 C406.3 Reduced Lighting Power Density
 C406.4 Enhanced Digital Lighting Controls
 C406.5 On-Site Renewable Energy
 C406.6 Dedicated Outdoor Air System
 C406.7 Reduced Energy Use in Service Water Heating

NRD Project # 21114

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Hardee's
SKATS TYPE D
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BODDIE-NOELL ENTERPRISES, INC.
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NO.	REVISIONS DESCRIPTION	DATE

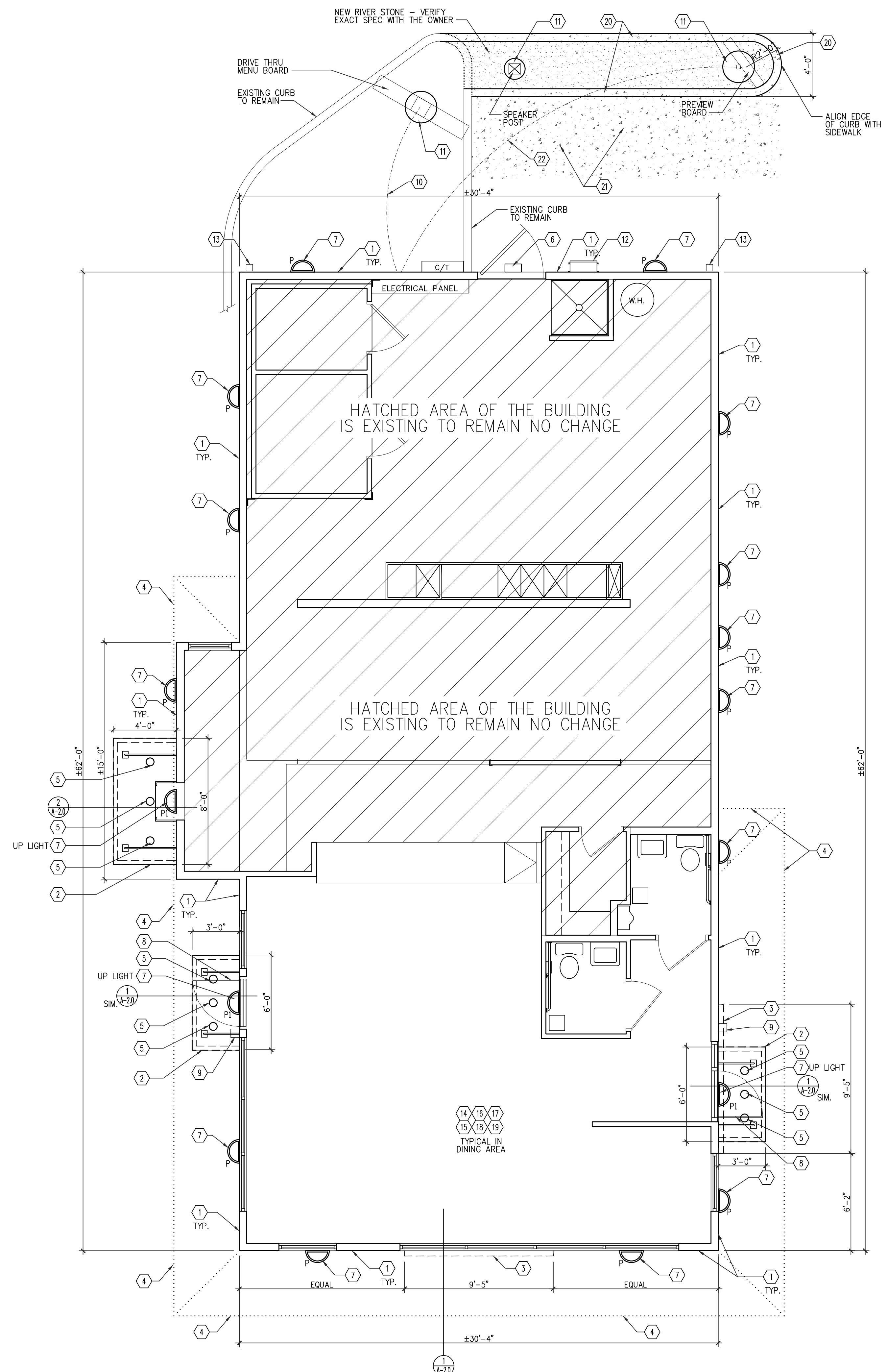
DRAWN BY: _____ CHECKED BY: _____

APPENDIX B

DATE: 04-15-2021

SHEET NUMBER: **T-2**

LIGHTING FIXTURE SCHEDULE						
FIXTURE TYPE	SYMBOL	DESCRIPTION	MANUFACTURER & MODEL NUMBER	LAMP TYPE	LAMP WATTAGE	REMARKS
P		EXTERIOR UPLIGHT & DOWNLIGHT	TURN TU-UPDN-LED20-4K-UNV-BK	LED	20W	WALL SCONCE, UP/DOWN LIGHTING, 20WATT, BLACK FINISH
P.I		EXTERIOR UPLIGHT ONLY	TURN TU-UP-LED20-4K-UNV-BK	LED	20W	WALL SCONCE, UP LIGHTING, 20WATT, BLACK FINISH
J		CUSTOM WIRE CAGE PENDANT	STANDARD ELECTRIC BOCK-P265-H39CM-WH	LED	4W	4-55A18V1N20R2G2GUGL0M 4RDC T20, 6-0" A.F.F.



NOTE: BUILDING FOOTPRINT IS NOT CHANGING.

- 1 GENERAL CONTRACTOR IS TO REMOVE ALL EXISTING EXTERIOR FINISHES - EXISTING SHEATHING TO REMAIN AND INSTALL NEW FLUID APPLIED WATER/AIR BARRIER. INSPECT ALL EXISTING SHEATHING AND REMOVE AND REPLACE ANY ROTTEN MATERIALS AS REQUIRED - TYPICAL AROUND ENTIRE BUILDING.
- 2 NEW PREMANUFACTURED HANGER ROD CANOPY - PROVIDE BLOCKING, FULL LENGTH OF CANOPY - COORDINATE WITH CANOPY SHOP DWGS.
- 3 NEW BUILT-OUT TOWER - REFER TO WALL SECTIONS.
- 4 REMOVE EXISTING AWNINGS AROUND THE BUILDING AND DISCARD - REMOVE ALL EXISTING FLUORESCENT LIGHTING UNDER AWNINGS, REUSE EXISTING CIRCUIT FOR NEW LIGHTING.
- 5 NEW DOWN LIGHTING INCLUDED IN NEW PREMANUFACTURED HANGER ROD CANOPY. NEW CANOPY LIGHTS PROVIDED BY THE OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. E.C. SHALL PROVIDE POWER, RECONNECT TO EXISTING EXTERIOR CIRCUIT AND CONTROLS.
- 6 EXISTING EXTERIOR EMERGENCY EXIT LIGHT TO REMAIN.
- 7 NEW HALF ROUND LIGHT - CONNECT INTO EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS. REFER TO EXTERIOR ELEVATIONS FOR LOCATION AND HEIGHT. REFER TO SCHEDULE ON 3/A-1.
- 8 REMOVE EXISTING STOREFRONT DOOR AND REPLACE WITH NEW STOREFRONT DOOR WITH FULL PIANO HINGE WITH NEW HARDWARE.
- 9 EXISTING EMERGENCY LIGHTING WITH BATTERY BACK UP AT DOORS TO REMAIN IF LIGHTING IS NOT PRESENT THAT GENERAL CONTRACTOR SHALL INSTALL NEW AS REQUIRED.
- 10 ADD (1) 2" CONDUITS FROM INTERIOR OF BUILDING FOR DATA AT EXTERIOR MENU BOARD EQUIPMENT.
- 11 GENERAL CONTRACTOR SHALL DEMO EXISTING MENU BOARD AND SPEAKER POST. G.C. SHALL REMOVE PREVIEW BOARD AND SAVE FOR REUSE. COORDINATE WITH OWNER ON EXACT LOCATION OF NEW DIGITAL MENU BOARD, SPEAKER POST AND PREVIEW BOARDS 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/A4.0 AND 1/A4.1. NEW EQUIPMENT SHALL BE PROVIDED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR.
- 12 ROOF LADDER SHALL BE REMOVED TO ALLOW FOR NEW FINISHES. LADDER SHALL BE PAINTED PER EXTERIOR ELEVATIONS.
- 13 EXISTING DOWNSPOUT SHALL BE INSPECTED AND CONFIRMED WITH OWNER IF REPLACEMENT IS REQUIRED. PAINT PER EXTERIOR ELEVATIONS.
- 14 REPLACE EXISTING CHAIRS WITH OWNER PROVIDED NEW CHAIRS, NEW SEATING COUNT SHALL BE SAME AS EXISTING NUMBER. NUMBER OF NEW HANDICAP SEATING SHALL MATCH EXISTING.
- 15 EXISTING TABLE BASES SHALL BE SANDED AND PAINTED BLACK BY GENERAL CONTRACTOR.
- 16 TABLETOPS AND CHAIRS TO BE REPLACED WITH NEW, SAME SIZE TABLETOPS AND SAME QUANTITY CHAIRS AS EXISTING, PROVIDED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR.
- 17 PAINT ALL INTERIOR DINING AND RESTROOM AREA WALLS AND CEILINGS PER OWNER SPECIFICATIONS.
- 18 G.C. SHALL PROVIDE AND REPLACE EXISTING RED PENDANT FIXTURES WITH NEW WHISK FIXTURES FROM URBAN LITE PROTOTYPE. REPLACE LIGHT FIXTURE FOR FIXTURE, SAME NUMBER AND INCREASE. REFER TO FIXTURE "J" ON THE LIGHTING FIXTURE SCHEDULE, SEE 3/A1.0.
- 19 ALL EXTERIOR/INTERIOR EMERGENCY LIGHTING SHALL REMAIN. INSPECT FOR SATISFACTORY OPERATING CONDITION AND REPLACE IF REQUIRED.
- 20 NEW CONCRETE CURB TO MATCH EXISTING - VERIFY EXACT LOCATION TO THE OWNER.
- 21 NEW CONCRETE PAVING TO MATCH EXISTING - VERIFY EXACT LOCATION TO THE OWNER.
- 22 ADD (1) 2" CONDUITS FROM INTERIOR OF BUILDING WITH PULL STRING FOR FUTURE DATA AT PREVIEW BOARD EQUIPMENT.

NRD Project # 21114

NRD national restaurant designers
ARCHITECTS & ENGINEERS
3005 Carrington Mill Blvd.
Morrisville, NC 27560
ph: 919 544 7251 fax: 919 544 9399
A Division of LMR Associates

3177
NORTH CAROLINA
MORRISVILLE, N.C.

Hardee's
SKATS TYPE D
HARDEE'S
URBAN-LITE REMODEL
489 NORTH MCKINLEY ST.
COATS, NC 27821

OWNER: **BN**

BODDIE-NOELL ENTERPRISES, INC.
P.O. BOX 1908
ROCKY MOUNT, N.C. 27802-1908
(252) 937-2800

NO.	REVISIONS DESCRIPTION	DATE

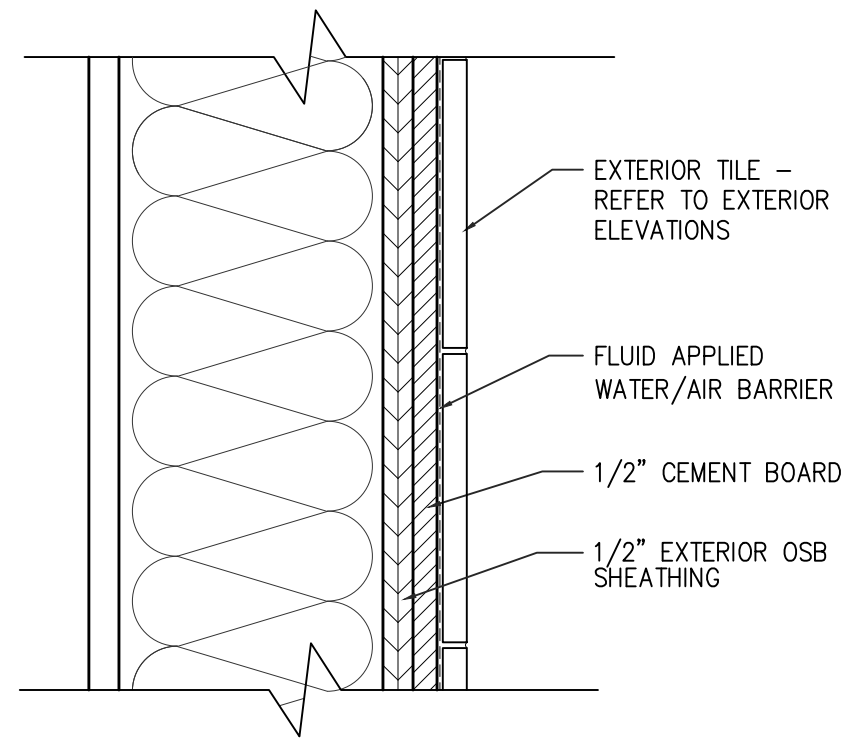
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CONSTRUCTION PLAN

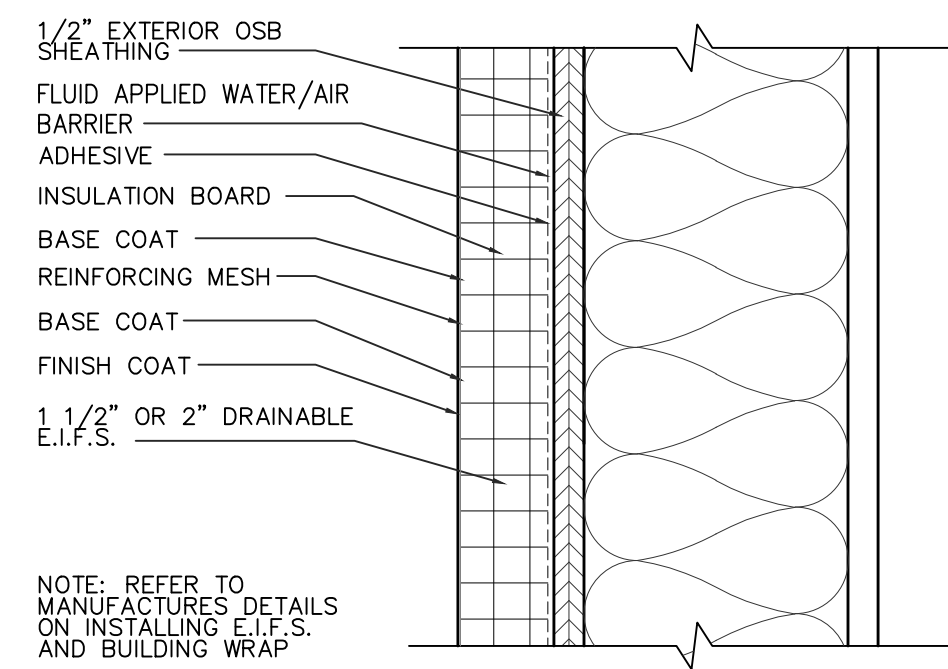
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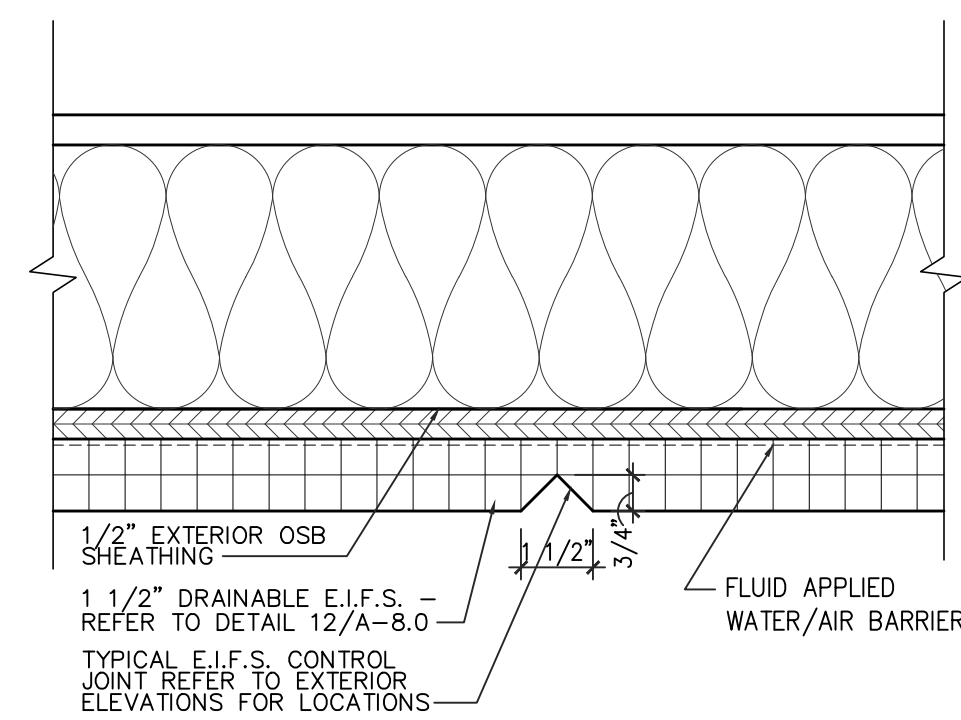
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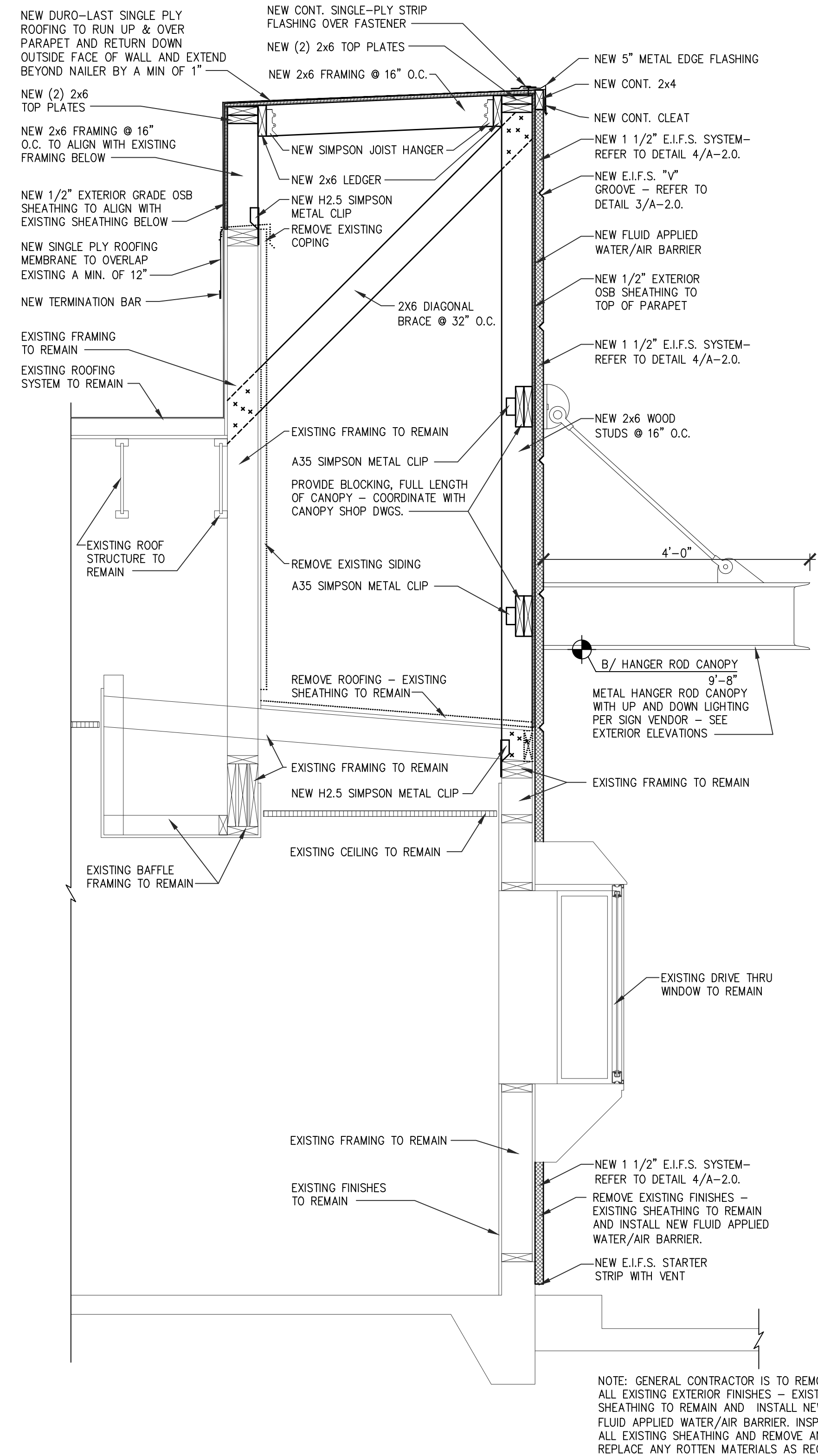
TYPICAL EXTERIOR TILE DETAIL SCALE: 3" = 1'-0" 5



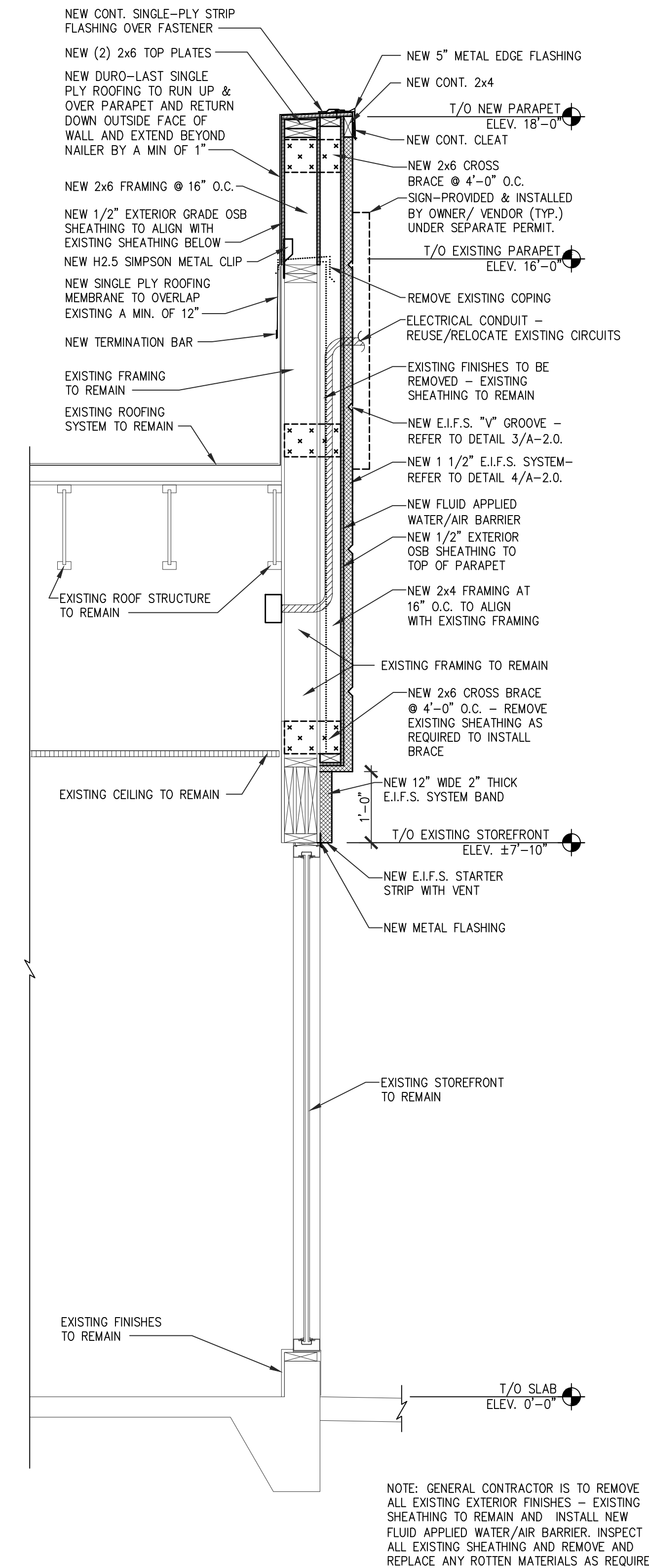
TYPICAL E.I.F.S. DETAIL SCALE: 3" = 1'-0" 4



E.I.F.S. 'V' GROOVE DETAIL SCALE: 3" = 1'-0" 3



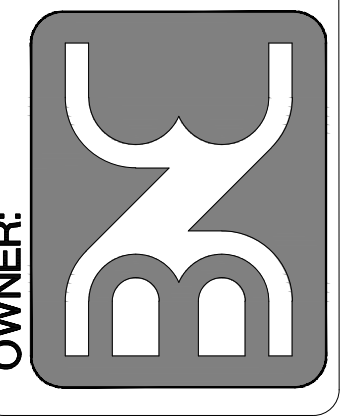
WALL SECTION • DRIVE THRU SCALE: 1/4" = 1'-0" 2



WALL SECTION • FRONT/SIDE TOWER SCALE: 1/4" = 1'-0" 1



BODDIE-NOELL ENTERPRISES, INC.
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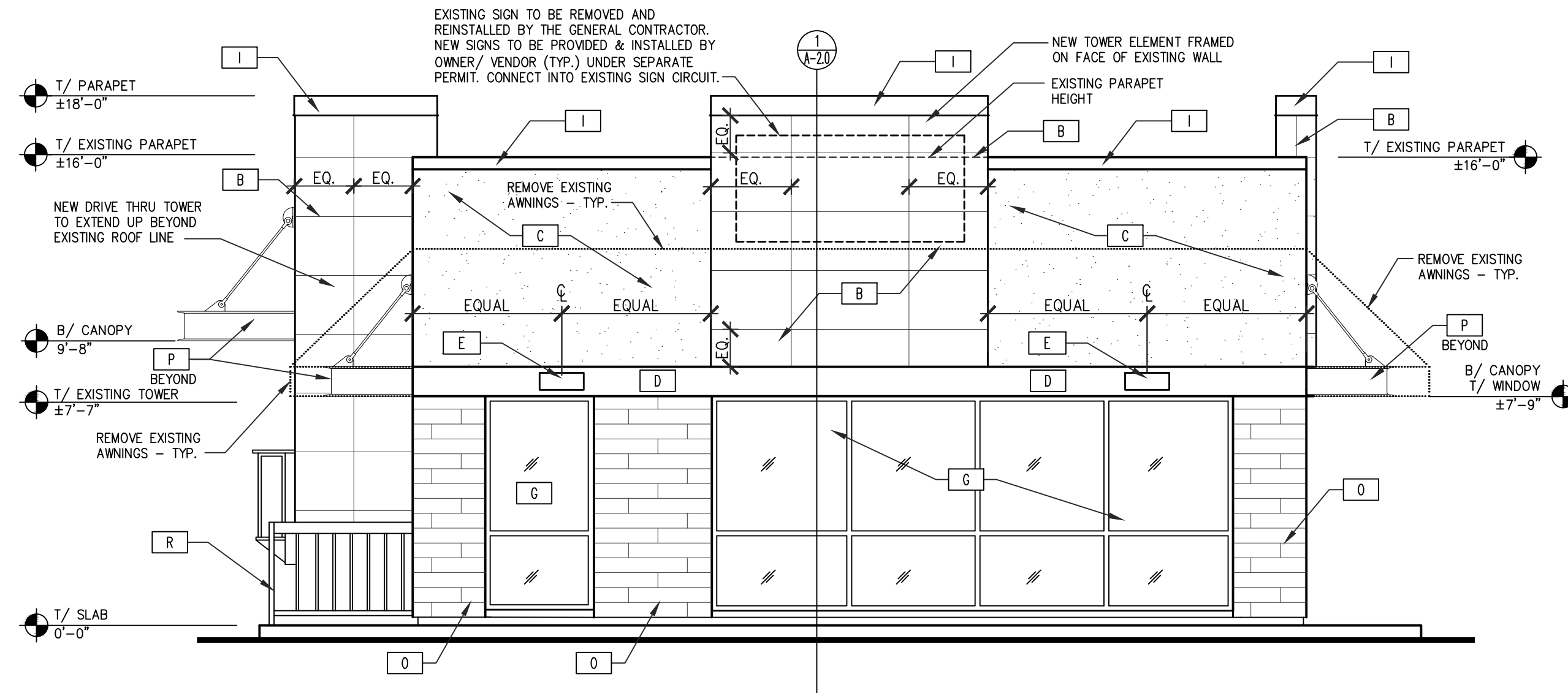
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WALL SECTIONS AND DETAILS

DATE: 04-15-2021

SHEET NUMBER:

A-2.0



FRONT ELEVATION

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

EXTERIOR FINISH SCHEDULE

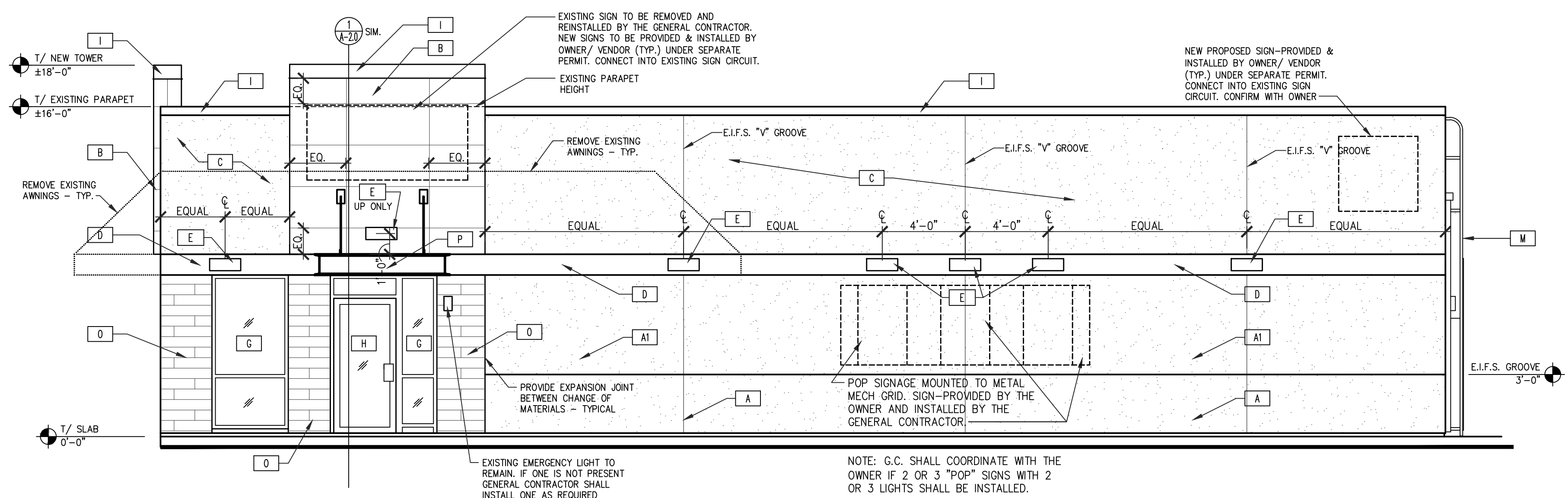
NT.S. 2

- E.I.F.S. SPECIFICATION**
- E.I.F.S. SYSTEM BASED ON DRYVIT SYSTEMS INC. - NOTE THAT STO IS ALSO A APPROVED E.I.F.S. VENDOR.
 - PROVIDE THE FOLLOWING SYSTEM: OUTSULATION PLUS MD SYSTEM.
 - PROVIDE OUTSULATION PLUS MD SYSTEM WITH DRYVIT'S RECOMMENDED COMPONENTS AND INSTALLED PER DRYVIT'S RECOMMENDED INSTALLATION TECHNIQUES AND RECOMMENDED DETAILS.
 - SYSTEM SHALL BE INSTALLED BY QUALIFIED INSTALLER(S).
 - FROM GRADE TO A HEIGHT OF 6'-0" - INSTALL IN ADDITION TO STANDARD REINFORCING MESH, ALSO INSTALL DRYVIT PANZER REINFORCING MESH.
 - FINISH SHALL BE PER SCHEDULE.
 - WARRANTY: PROVIDE MANUFACTURER'S 10 YEAR WARRANTY.
 - OTHER E.I.F.S. MANUFACTURERS: TOTAL WALL INC.; STO CORP.; AND OTHERS ARE ACCEPTABLE UPON SUBMITTAL OF EQUAL E.I.F.S. SYSTEM AND REVIEWED/APPROVED BY THE OWNER.

NOTE: G.C. SHALL PROVIDE ALTERNATE BID ON EXTERIOR FINISHES FOR USE OF HARDI PANEL AND T-111. CONFIRM WITH OWNER FOR FINAL FINISHES

SYMBOL	MATERIAL	DESCRIPTION
A	1 1/2" E.I.F.S.	DRIVIT W/ HEAVY DUTY MESH COLOR: SW #7674 "PEPPERCORN" WITH STRATATONE FINISH TO REDUCE COLOR FADE FINISH: SAND PEBBLE FINISH
AI	1 1/2" E.I.F.S.	DRIVIT W/ HEAVY DUTY MESH COLOR: SW #6886 "HEARTHROB" WITH STRATATONE FINISH TO REDUCE COLOR FADE FINISH: SAND PEBBLE FINISH
B	PANEL 1 1/2" E.I.F.S.	E.I.F.S. WITH "V" GROOVE IN A 2' BY 4' PATTERN - REFER TO "V" GROOVE DETAIL 3/A-2.0 COLOR: SW 7024 "FUNCTIONAL GRAY" WITH STRATATONE FINISH TO REDUCE COLOR FADE FINISH: SAND PEBBLE FINISH
C	1 1/2" E.I.F.S.	DRIVIT COLOR: SW #6001 "GRAYISH" WITH STRATATONE FINISH TO REDUCE COLOR FADE FINISH: SAND PEBBLE FINISH
D	12" HIGH 2" THICK E.I.F.S. TRIM BAND	COLOR: SW6990 CAVIAR WITH REFLECTIVE AND STRATATONE FINISH TO REDUCE COLOR FADE
E	WALL LIGHT FIXTURE	REFER TO DRAWING A1
F	H.M. KITCHEN ACCESS DOOR AND FRAME	PAINTED METAL DOOR WITH HOLLOW METAL FRAME COLOR: PAINT BLACK
G	ALUMN. STOREFRONT WINDOWS	EXISTING STOREFRONT TO REMAIN.
H	ALUMN. STOREFRONT DOORS	NEW ALUMINUM STOREFRONT DOORS TO MATCH EXISTING- REFER TO DRAWING A1
I	ROOF EDGE FLASHING	24 GAUGE PREFINISHED BLACK ALUMINUM FOR EDGE FLASHING
L	BOLLARD-TYPICAL	COLOR: SAFETY YELLOW
M	STEEL LADDER	COLOR: BLACK
N	SEAMLESS GUTTER & DOWN SPOUT	4" SEAMLESS GUTTER & DOWNSPOUT SYSTEM. COLOR: BLACK
O	EXTERIOR TILE	6"x36" CROSSVILLE AV283 SWEET GEORGIA BROWN UPS WITH LATTICRETE #2 CHOCOLATE TRUFFLE GROUT - 1/8" GROUT JOINT - REFER TO DETAIL 5/A-2.0
P	METAL HANGER ROD CANOPY	WITH UP AND DOWN LIGHTING PER SIGN VENDOR COLOR: BLACK
R	RAILING	COLOR: BLACK

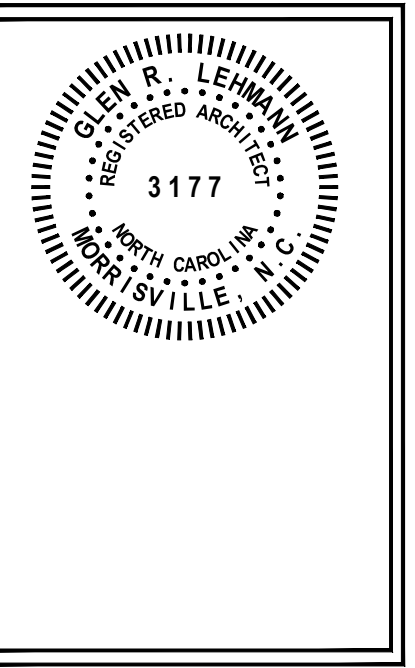
NOTES:
 1. PREPARE ALL SURFACES TO BE PAINTED AS PER MANUFACTURERS RECOMMENDATIONS
 2. ALL MATERIALS SHALL BE INSTALLED BY MANUFACTURES STANDARD DETAILS.
 3. GENERAL CONTRACTOR IS TO REMOVE ALL EXISTING EXTERIOR FINISHES - EXISTING SHEATHING TO REMAIN AND INSTALL NEW FLUID APPLIED WATER/AIR BARRIER. INSPECT ALL EXISTING SHEATHING AND REMOVE AND REPLACE ANY ROTTEN MATERIALS AS REQUIRED - TYPICAL AROUND ENTIRE BUILDING.



RIGHT SIDE (MAIN ENTRANCE) ELEVATION

SCALE: 1/4" = 1'-0" 3

NRD national restaurant designers
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 Morrisville, NC 27560
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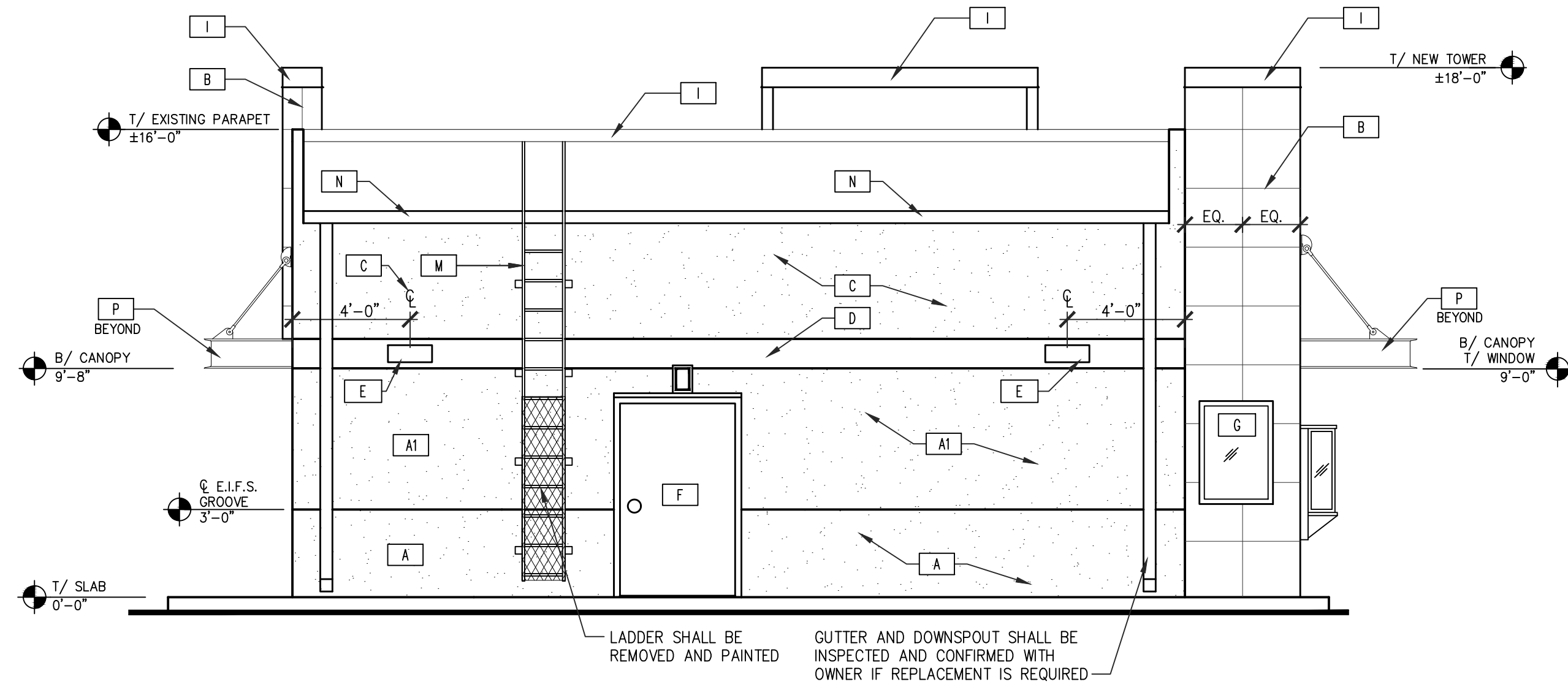
Hardee's
 SKATS TYPE D
 HARDEE'S
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OWNER: **BN**
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 ROCKY MOUNT, N.C. 27802-1908
 (252) 937-2800

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EXTERIOR ELEVATIONS
 DATE: 04-15-2021
 SHEET NUMBER:
A-3.0



REAR ELEVATION

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

- E.I.F.S. SPECIFICATION**
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 - PROVIDE THE FOLLOWING SYSTEM: OUTSULATION PLUS MD SYSTEM.
 - PROVIDE OUTSULATION PLUS MD SYSTEM WITH DRYVIT'S RECOMMENDED COMPONENTS AND INSTALLED PER DRYVIT'S RECOMMENDED INSTALLATION TECHNIQUES AND RECOMMENDED DETAILS.
 - SYSTEM SHALL BE INSTALLED BY QUALIFIED INSTALLER(S).
 - FROM GRADE TO A HEIGHT OF 6'-0" - INSTALL IN ADDITION TO STANDARD REINFORCING MESH, ALSO INSTALL DRYVIT PANZER REINFORCING MESH.
 - FINISH SHALL BE PER SCHEDULE.
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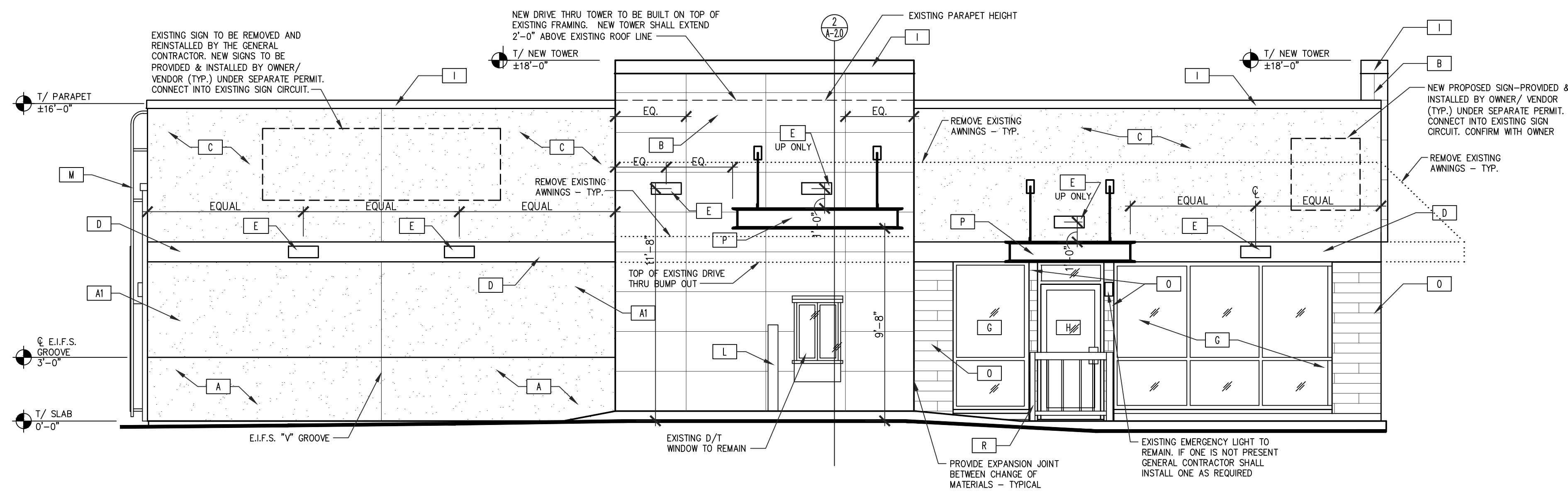
NOTE: G.C. SHALL PROVIDE ALTERNATE BID ON EXTERIOR FINISHES FOR USE OF HARDI PANEL AND T-111. CONFIRM WITH OWNER FOR FINAL FINISHES

SYMBOL	MATERIAL	DESCRIPTION
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A1	1 1/2" E.I.F.S.	DRIVIT W/ HEAVY DUTY MESH COLOR: SW #6866 "HEARTHROB" WITH STRATATONE FINISH TO REDUCE COLOR FADE FINISH: SAND PEBBLE FINISH
B	PANEL 1 1/2" E.I.F.S.	E.I.F.S. WITH "V" GROOVE IN A 2' BY 4' PATTERN - REFER TO "V" GROOVE DETAIL 3/A-2.0 COLOR: SW 7024 "FUNCTIONAL GRAY" WITH STRATATONE FINISH TO REDUCE COLOR FADE FINISH: SAND PEBBLE FINISH
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L	BOLLARD- TYPICAL	COLOR: SAFETY YELLOW
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P	METAL HANGER ROD CANOPY	WITH UP AND DOWN LIGHTING PER SIGN VENDOR COLOR: BLACK
R	RAILING	COLOR: BLACK

NOTES:
 1. PREPARE ALL SURFACES TO BE PAINTED AS PER MANUFACTURERS RECOMMENDATIONS
 2. ALL MATERIALS SHALL BE INSTALLED BY MANUFACTURES STANDARD DETAILS.
 3. GENERAL CONTRACTOR IS TO REMOVE ALL EXISTING EXTERIOR FINISHES - EXISTING SHEATHING TO REMAIN AND INSTALL NEW FLUID APPLIED WATER/AIR BARRIER. INSPECT ALL EXISTING SHEATHING AND REMOVE AND REPLACE ANY ROTTEN MATERIALS AS REQUIRED - TYPICAL AROUND ENTIRE BUILDING.

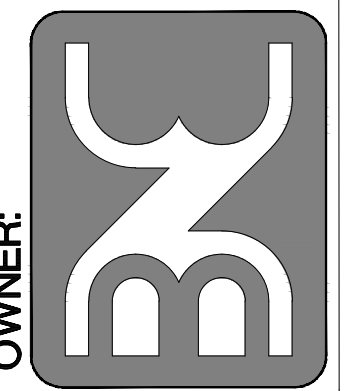
EXTERIOR FINISH SCHEDULE

NTS. 2



LEFT SIDE (DRIVE-THRU) ELEVATION

SCALE: 1/4" = 1'-0" 3



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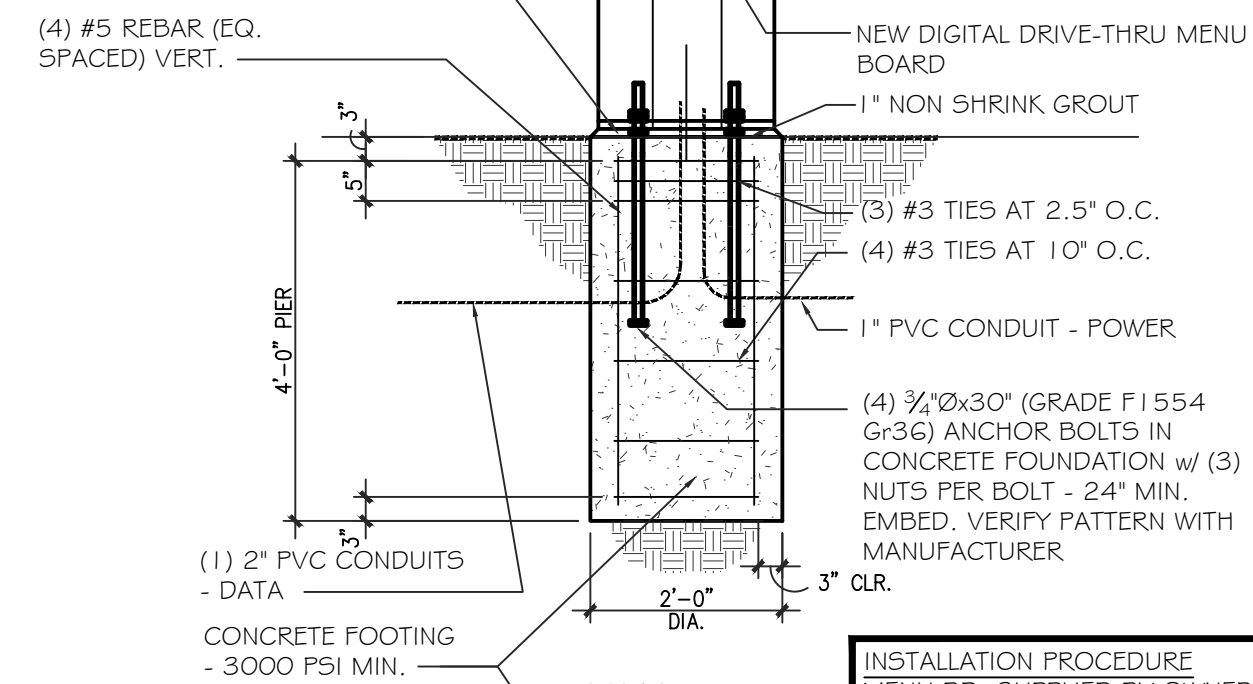
EXTERIOR ELEVATIONS

DATE: 04-15-2021

SHEET NUMBER:

A-3.1

1'-3" OF CONCRETE SHALL BE ABOVE TOP OF CURB-EXPOSED CONCRETE WITH A CHAMFERED EDGE. CONCRETE SHALL BE PURGED WITH BLACK FOX COLORING



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.

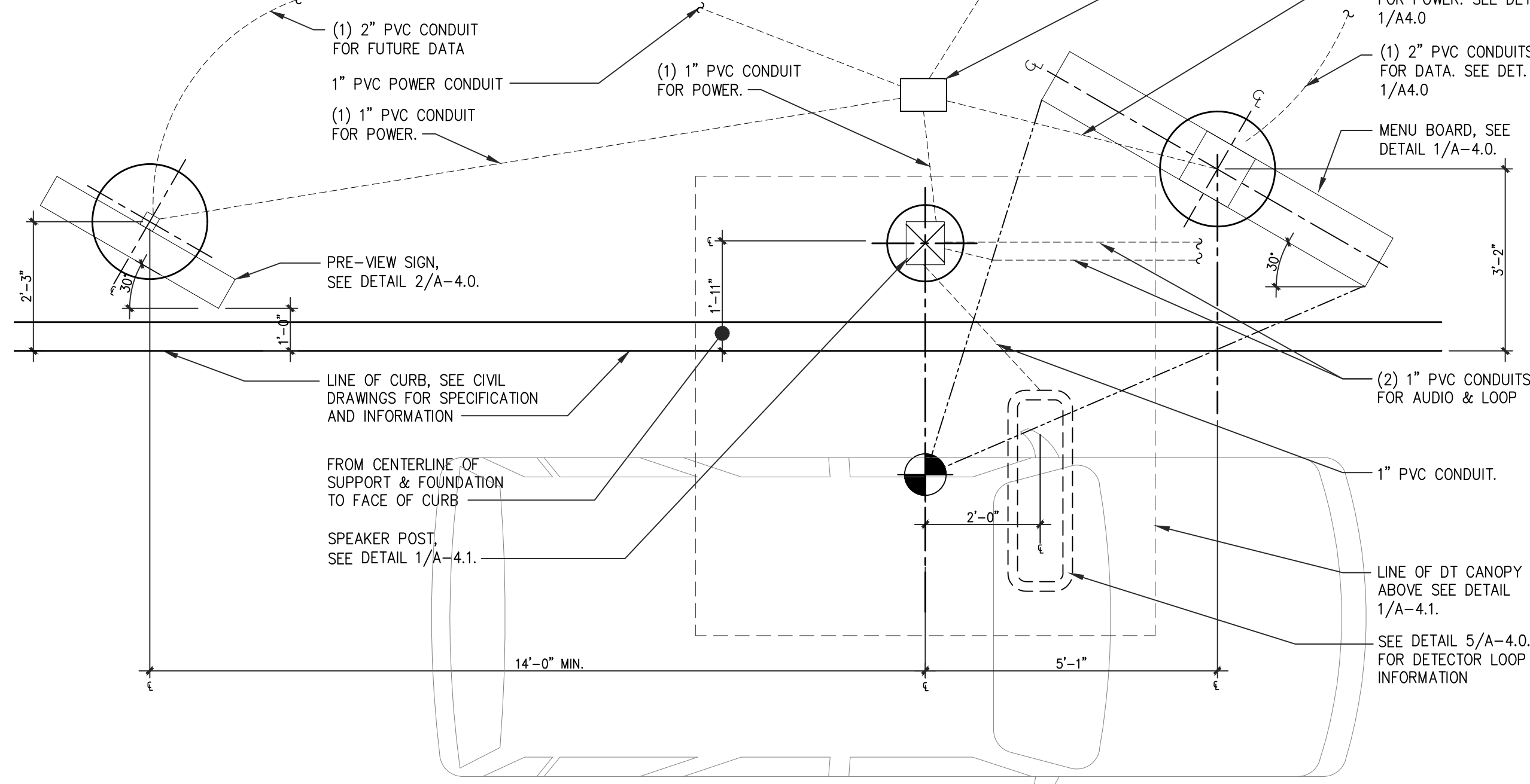
GENERAL CONTRACTOR IS TO:
1. EXCAVATE AND POUR THE FOUNDATION.

ELECTRICAL CONTRACTOR IS TO:
2. INSTALL POWER WIRING TO BASE AND MAKE FINAL ELECTRICAL CONNECTION.

GENERAL CONTRACTOR:
3. INSTALL MENU BD.

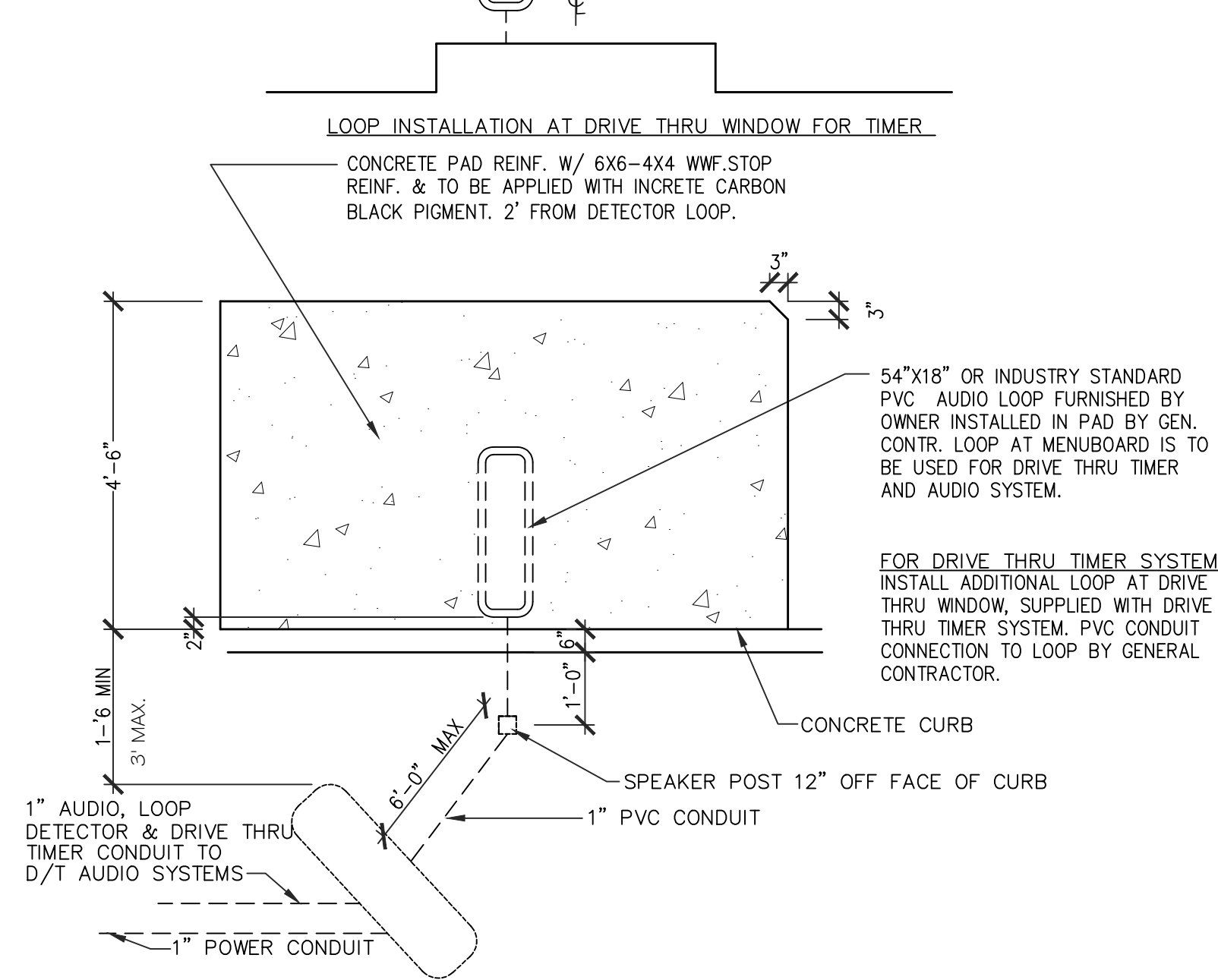
INSTALLATION NOTES:

1. EXTEND EXISTING POWER CONDUITS/CIRCUITS AS REQUIRED FROM EXISTING MENU BOARD, PREVIEW BOARD, AND SPEAKER POST.
2. REMOVE EXISTING MENU BOARD AND SPEAKER POST AND INSTALL NEW. REMOVE AND SAVE EXISTING PREVIEW BOARD FOR REUSE.



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.



DRIVE THRU DIGITAL MENU BOARD

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

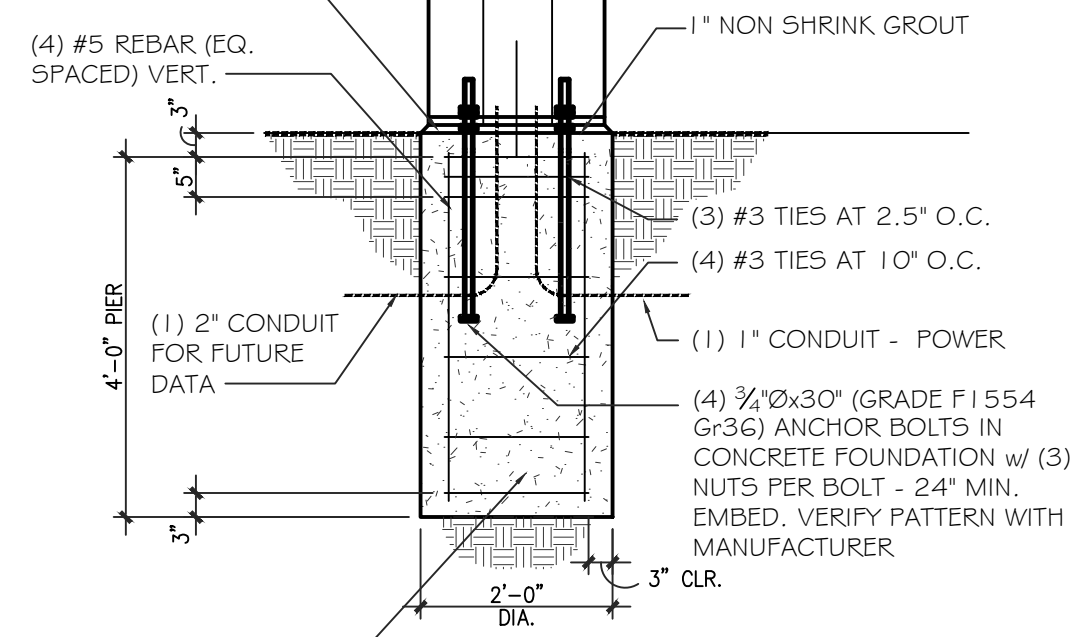
MENUBOARD LAYOUT • DRIVETHRU

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

DETECTOR LOOP SCHEMATIC

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

1'-3" OF CONCRETE SHALL BE ABOVE TOP OF CURB-EXPOSED CONCRETE WITH A CHAMFERED EDGE. CONCRETE SHALL BE PURGED WITH BLACK FOX COLORING



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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
PRE-SELL 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.

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.

CONSTRUCTION SAFETY

1. THESE DRAWINGS DO NOT CONTAIN THE REQUIREMENTS FOR JOB SAFETY. ALL PROVISIONS FOR SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

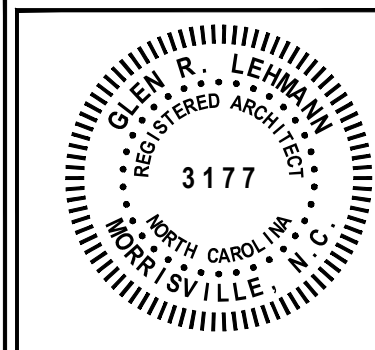
DRIVE THRU PRE-VIEW BOARD

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

PRE-ORDER MENU BOARD AND MENU BOARD GENERAL NOTES

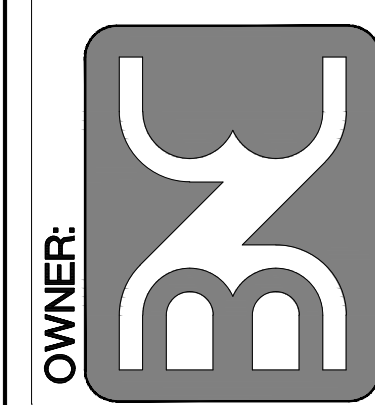
SCALE: N.T.S. 6

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P.O. BOX 1908
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(252) 937-2800



NO.	REVISIONS DESCRIPTION	DATE

DRAWN BY: _____ CHECKED BY: _____

DRIVE-THRU DETAILS

DATE: 04-15-2021

SHEET NUMBER:

A-4.0

