ARCHITECT

THE DIMENSION GROUP

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PHILLIP LALONDE
6617 RED BUD RD
FORT WORTH TX, 76135
(817) 238-1520
PLALONDE@LALONDE-ENG.COM

DRAWING LIST

ELECTRICAL SITE PLAN

E1.2

ELECTRICAL LIGHTING PLAN

ELECTRICAL LOW VOLTAGE PLAN ELECTRICAL SECURITY PLAN

ELECTRICAL POWER PLAN ELECTRICAL ROOF PLAN

ELECTRICAL GENERAL NOTES AND LEGEND

CS AS1.1 AS2.1 AS2.2 AS2.3 AS2.4 A1 A2 A3 A4 A4.1 A5 A6.1 A6.2 A6.3 A7 A7.1 A8 A9 A9.1 A9.2 A9.3 A10 A11 A12.1 A12.2 A12.3	COVER PAGE ARCHITECTURAL SITE PLAN MENU SIGN DETAILS SINGLE DOUBLE DRIVE-THRU SITE DETAILS - TRASH ENCLOSURE WOOD SITE DETAILS LIFE SAFETY & EXITING PLAN FLOOR PLAN AND SCHEDULES EQUIPMENT PLAN AND SCHEDULES REFLECTED CEILING PLAN & DETAILS ROOF PLAN AND DETAILS ROOF DETAILS EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS BUILDING SECTIONS WALL SECTIONS WALL SECTIONS WALL SECTIONS SECTION DETAILS PLAN DETAILS DETAILS INTERIOR ELEVATIONS WASHROOM DETAILS TILE PLAN AND FINISHING SCHEDULE DOOR AND WINDOW SCHEDULES FINISH SCHEDULE FINISH SCHEDULE FINISH SCHEDULE
S0.1 S1.1 S1.2 S2.1 S2.2	STRUCTURAL NOTES FOUNDATION PLAN STRUCTURAL FOUNDATION SECTIONS FRAMING PLAN STRUCTURAL FRAMING SECTIONS
50 4	ELECTRICAL CITE DI ANI

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LOUISIANA KITCHEN 2112 PROTOTYPE 1517 NC 24-87 CAMERON, NC 28326

ABB	REVIATIONS
вон:	BACK OF HOUSE
C/W:	COMPLETE WITH
CL:	CENTER LINE CONCRETE
CONC.	CONCRETE CONSTRUCTION PROJECT MANAGER
EQ:	EQUAL
FOH:	·
G.C:	GENERAL CONTRACTOR
MAX.:	MAXIMUM
MIN.:	MINIMUM
N/A:	NOT APPLICABLE
O.C:	ON CENTER
P-LAM:	PLASTIC LAMINATE
S.F.C:	STORE FIXTURE COMPANY
SPEC:	SPECIFICATION
T/O:	TOP OF
TBD:	TO BE DETERMINED
TYP.:	TYPICAL
U/S: WRM:	UNDERSIDE
VVIXIVI:	WASHROOM

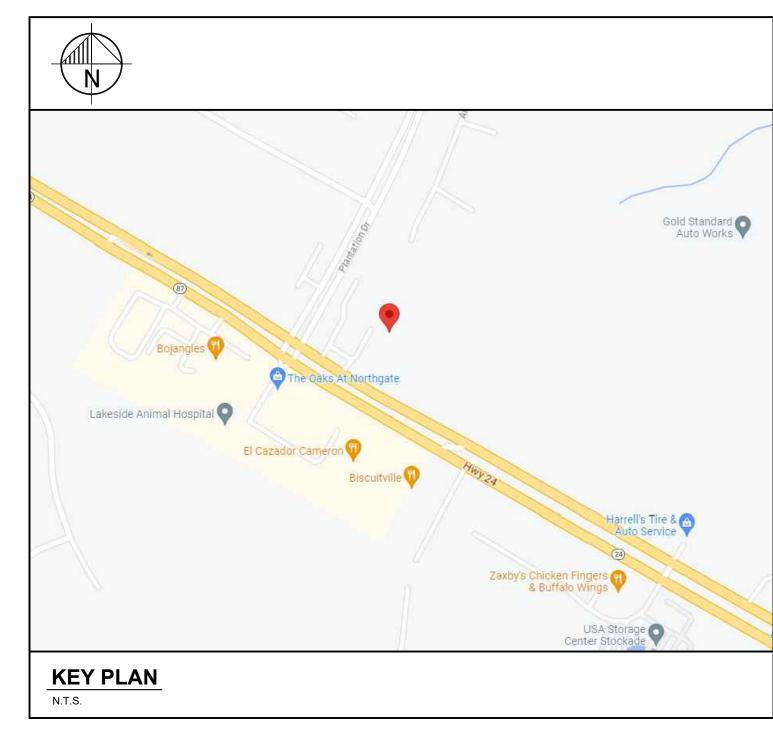
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E1.6 E2.1 E3.1 E4.1	ELECTRICAL FIRE ALARM PLAN ELECTRICAL SCHEDULES ELECTRICAL DETAILS ELECTRICAL ENERGY CALCS
M1.1 M1.2 M2.1 M3.1 M3.2 M3.3 M3.4 M4.1	MECHANICAL PLAN MECHANICAL ROOF PLAN MECHANICAL SCHEDULE MECHANICAL HOOD DRAWINGS MECHANICAL DETAILS
P1.1 P2.1 P2.2 P2.3 P3.1 P4.1 P4.2	PLUMBING SCHEDULES AND NOTES PLUMBING PLAN - SANITARY WASTE & VENT PLUMBING PLAN - DOMESTIC WATER PLUMBING PLAN - ROOF DRAINS PLUMBING RISERS PLUMBING DETAILS PLUMBING DETAILS
SP1 SP2 SP3 SP4 SP5 SP6 SP7	ARCHITECTURAL SPECIFICATIONS
ES.1	ELECTRICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

MECHANICAL SPECIFICATIONS

PLUMBING SPECIFICATIONS

	ODE INFORMATION							
	FIRM NAME: THE DIME	NSION GR	OUP					
	NAME OF PROJECT: POPEYES - 2112 MODEL							
	LOCATION:					THE ARCHITECT NO RESPONSIBLE CON		
	ADDRES 94-87, CAMERON, NC					DESIGN ACTIVITIES.		BFECT TO
1	APPLICABLE CODES	BUILDING :		2018 INTER	RNATIONAL BUILDING (CODE		
		PLUMBING :		2018 INTER	RNATIONAL PLUMBING	CODE		
		FIRE :		2018 INTER	RNATIONAL FIRE CODE			
		MECHANICAL	_:	2018 INTER	RNATIONAL MECHANIC	AL CODE		
		ELECTRICAL	:	2020 NATIC	NAL ELECTRICAL COL	DE		
		ACCESSIBILI	ACCESSIBILITY:		A117.1 2009			
		ENERGY:		2018 INTERNATIONAL ENERGY CONSERVATION CODE				
2	ZONING CLASSIFICATION	C1-COMME	RCIAL					
3	OCCUPANCY CLASSIFICATION	MIXED USE A	\-2 - (ASSEMBL)	') & B - (BUSINESS	s) <u>/</u> 3\			
4	CONSTRUCTION TYPE	VB V	<u> </u>	COMBUSTI	BLE MATERIALS, UNPF	ROTECTED		
5	BUILDING AREA	ALLOWED : 6	000 SQ FT.	PROVIDED	: 1965 SQ FT.			
6	BUILDING HEIGHT	ALLOWED : 4	0'-0" HIGH	PROVIDED	: 19'-0" HIGH			
7	SCOPE OF WORK STATMENT	NEW BUILD,	CONSTRUCTIO	N				
8	OCCUPANCY CALCULATIONS		1			OCCUPANT LOAD	L NUMBER OF	NUMBER OF
		FLOOR		JSE	SQUARE FOOTAG	FACTOR	NUMBER OF OCCUPANTS	SEATS
		1 OF 1		ONCENTRATED)	224 SQ. FT	1: 15	15	3/2
		1 OF 1		STANDING)	59 SQ. FT	1: 15	4	-
		1 OF 1		CHEN	1100 SQ. FT	1: 200	6	7 -
		1 OF 1		PIED AREAS	342 SQ. FT	-		<u> </u>
		1011			TOTAL NUM	MBER OF OCCUPANTS:	25	-
		* UNOCCUPIE	ED AREAS INCL		EEZER/COOLER, WALI	.S, CANOPIES / OVERHANGS	, WASHROOM V	/ESTIBULE,
9	EGRESS CALCULATION	* UNOCCUPIE VESTIBULE A		IS	EEZER/COOLER, WALL	MIN. EGRESS WIDTH	TOTAL	EGRESS WIDTH
9	EGRESS CALCULATION	* UNOCCUPIE VESTIBULE A	ND RESTROOM	CALCULATED N	MIN. EGRESS (1005.1)	MIN. EGRESS WIDTH REQUIRED	TOTAL	
		* UNOCCUPIE VESTIBULE A	CCUPANTS 7	CALCULATED N	MIN. EGRESS (1005.1) $5_{-} = _{-}4.0_{-}"$	MIN. EGRESS WIDTH	TOTAL	EGRESS WIDTH
		* UNOCCUPIE VESTIBULE A TOTAL OC	CCUPANTS 7 25	CALCULATED N .20" X _25 TOTAL PROVIDE	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3	MIN. EGRESS WIDTH REQUIRED (32" MIN.)	TOTAL F	EGRESS WIDTH PROVIDED 114"
10	EXITS	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL REGIS LOSS OF ON	CCUPANTS 7 25	CALCULATED N .20" X _25 TOTAL PROVIDE	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT	TOTAL F	EGRESS WIDTH PROVIDED 114"
10	EXITS	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL REGIS LOSS OF ON	E REQUIRED M	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT	TOTAL F	EGRESS WIDTH PROVIDED 114"
10	EXITS	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL REGGE LOSS OF ON EXTERIOR E	E REQUIRED M	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT	TOTAL F	EGRESS WIDTI PROVIDED 114"
10	EXITS FIRE RESISTIVE REQUIREMENTS	* UNOCCUPIE VESTIBULE A TOTAL RECO. TOTAL RECO. LOSS OF ON EXTERIOR E ROOF CONS. CEILING:	E REQUIRED M	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTH PROVIDED 114"
10	EXITS FIRE RESISTIVE REQUIREMENTS	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL RECO LOSS OF ON EXTERIOR E ROOF CONS CEILING: ENTIF	E REQUIRED MEERING WALL	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTI PROVIDED 114"
11	EXITS FIRE RESISTIVE REQUIREMENTS SPRINKLER SYSTEM	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL RECO LOSS OF ON EXTERIOR E ROOF CONS CEILING: ENTIF	E REQUIRED M STRUCTION: RE BUILDING (E: MENT ONLY	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTI PROVIDED 114"
111	EXITS FIRE RESISTIVE REQUIREMENTS SPRINKLER SYSTEM FIRE ALARM	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL REGO LOSS OF ON EXTERIOR E ROOF CONS CEILING: BASE NOT REQUIF	E REQUIRED M STRUCTION: RE BUILDING (E: MENT ONLY	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR) (0 HOUR)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTH PROVIDED 114"
10 11 12	EXITS FIRE RESISTIVE REQUIREMENTS SPRINKLER SYSTEM FIRE ALARM MAX. TRAVEL DISTANCE	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL REGO LOSS OF ON EXTERIOR E ROOF CONS CEILING: BASE NOT REQUIF	E REQUIRED M EARING WALL STRUCTION: RE BUILDING (E. MENT ONLY RED TH SPRINKLER	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR) (0 HOUR) XISTING)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTH PROVIDED 114"
10 11 12 13	EXITS FIRE RESISTIVE REQUIREMENTS SPRINKLER SYSTEM FIRE ALARM MAX. TRAVEL DISTANCE	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL RECON LOSS OF ON EXTERIOR E ROOF CONS CEILING: BASE NOT REQUIF 200' (250' WI	E REQUIRED M SEARING WALL STRUCTION: RE BUILDING (E: MENT ONLY RED TH SPRINKLER SETS	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR) (0 HOUR) XISTING)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE IN LIEU OF RO NOT REQUIRE	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTH PROVIDED 114"
10 11 12 13	EXITS FIRE RESISTIVE REQUIREMENTS SPRINKLER SYSTEM FIRE ALARM MAX. TRAVEL DISTANCE	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL REGIS LOSS OF ON EXTERIOR E ROOF CONS CEILING: BASE NOT REQUIF 200' (250' WI WATER CLOS	E REQUIRED M SEARING WALL STRUCTION: RE BUILDING (E: MENT ONLY RED TH SPRINKLER SETS	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR) (0 HOUR) XISTING) SYSTEM)	MIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE IN LIEU OF ROX_ NOT REQUIRE	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTH PROVIDED 114"
9 10 11 12 13 14 15	EXITS FIRE RESISTIVE REQUIREMENTS SPRINKLER SYSTEM FIRE ALARM MAX. TRAVEL DISTANCE	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL RECO. LOSS OF ON EXTERIOR E ROOF CONS CEILING: BASE NOT REQUIE 200' (250' WI WATER CLOS LAVATORIES	E REQUIRED M SEARING WALL STRUCTION: REBUILDING (E. MENT ONLY RED TH SPRINKLER SETS	CALCULATED N .20" X _26 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR) (0 HOUR) XISTING) SYSTEM)	AIN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE IN LIEU OF RO X_ NOT REQUIRE 1 REQUIRED	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTH PROVIDED 114"
10 11 12 13 14	EXITS FIRE RESISTIVE REQUIREMENTS SPRINKLER SYSTEM FIRE ALARM MAX. TRAVEL DISTANCE	* UNOCCUPIE VESTIBULE A TOTAL OC TOTAL RECON LOSS OF ON EXTERIOR E ROOF CONS CEILING: BASE NOT REQUIF 200' (250' WI WATER CLOS LAVATORIES URINALS	E REQUIRED M SEARING WALL STRUCTION: RE BUILDING (E: MENT ONLY RED TH SPRINKLER SETS	CALCULATED N .20" X _25 TOTAL PROVIDE EANS OF EGRESS (0 HOUR) (0 HOUR) XISTING) SYSTEM)	IN. EGRESS (1005.1) 5_ = _4.0_" ED : 3 S SHALL NOT REDUCE IN LIEU OF ROX NOT REQUIRE 1 REQUIRED 1 REQUIRED DT REQUIRED	MIN. EGRESS WIDTH REQUIRED (32" MIN.) EGRESS WIDTH PER EXIT: THE EGRESS CAPACITY TO	TOTAL F	EGRESS WIDTH PROVIDED 114"



CONTRACTORS

CONTRACTORS ARE TO CONTACT THE CONSTRUCTION PROJECT MANAGER AS INDICATED IN THE WRITTEN SCOPE OF WORK FOR BIDDERS LIST. FOR APPROVED SUPPLIERS LIST, NATIONAL ACCOUNT PHONE NUMBERS AND CONTRACTORS REFER TO SPECIFICATION DRAWINGS.

PROJECT NO.: C22-129
POPEYES NO.: RN. xxxx

	TABLE	
No.	Date (mm/dd/yy)	Description
REVIS	SIONS	
No.	Date	Description
1	8/01/2023	RESPONSE TO CITY
2	9/04/2023	HEALTH COMMENTS
3	9/12/2023	RESPONSE TO CITY
4	9/12/2023	HEALTH COMMENTS
	INGS PEVIS	ED AS PER DESIGN BULLETIN
No.	Date	Description
	Date	Везоприоп
		N N
		N
		PROJECT NORTH
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KITCHE REPROI TRANSI WRITTE INFRINC CIVIL PI	N (OR ITS AFFILIATE DUCED, USED, DOWI FERRED IN ANY FOR IN CONSENT OF POF GEMENT IS A VIOLAT ENALTIES.	LY OR LICENSED FOR USE BY POPEYES LOUISIANA ED OR RELATED COMPANIES) AND MAY NOT BE NLOADED, DISSEMINATED, PUBLISHED, OR M OR BY ANY MEANS, EXCEPT WITH THE PRIOR PEYES LOUISIANA KITCHEN . COPYRIGHT
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9.14.2023

DIMENSION

10755 SANDHILL ROAD, DALLAS, TEXAS 75238 TEL: 214-343-9400 <u>www.dimensiongrp.com</u>

POPEYES.

US 2112 PROTOTYPE

1517 NC 24-87

CAMERON, NC

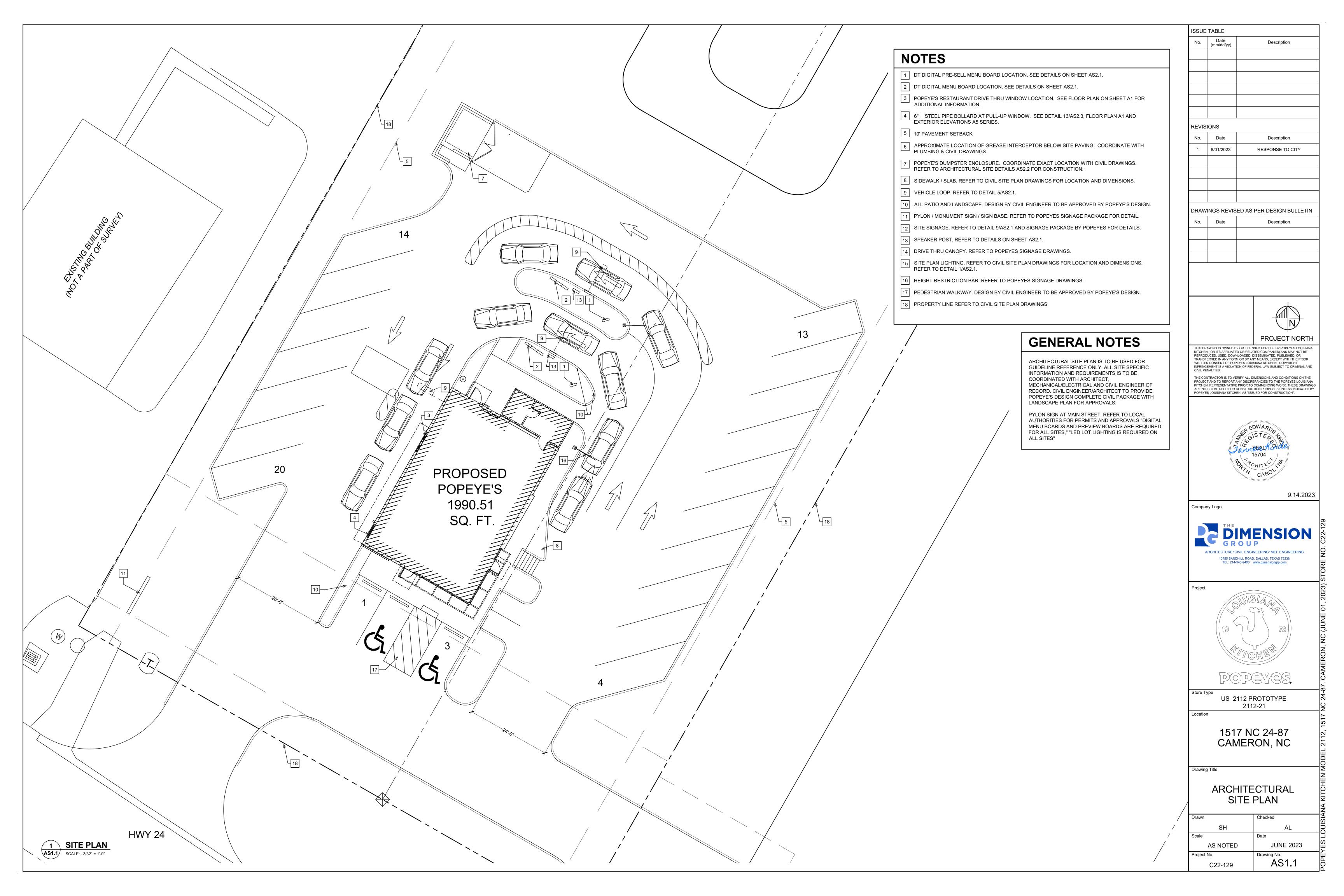
COVER SHEET

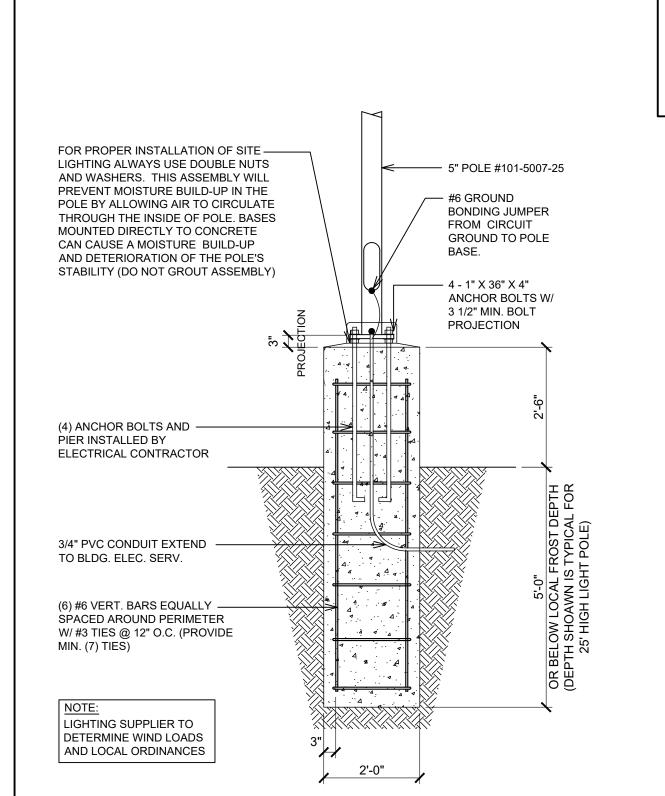
JUNE 2023

CS

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C22-129



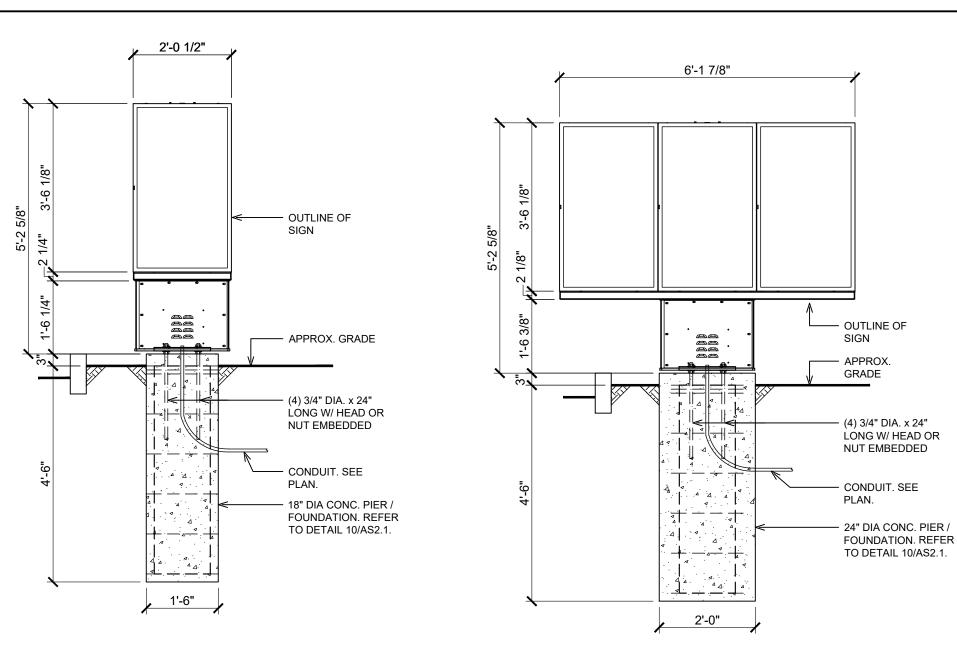


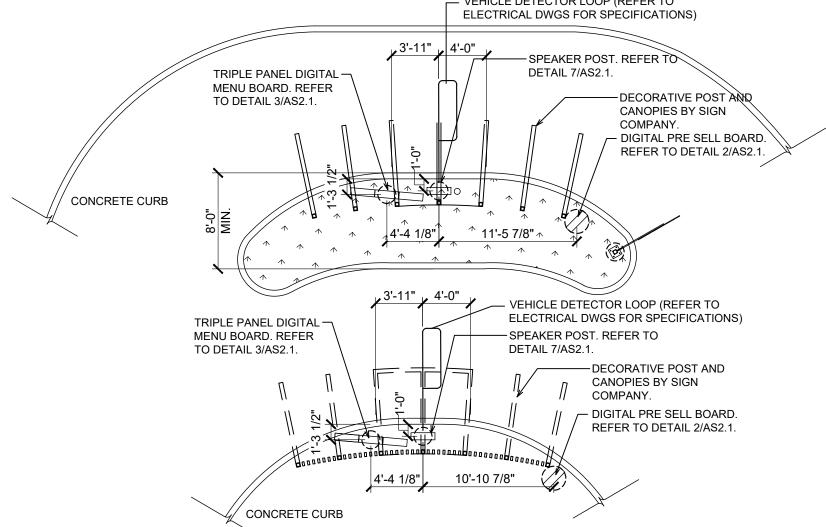
ODMB, SPEAKER POST AND PRESELL MENU BOARD ALL PROVIDED BY OWNER. SHIPPED TO SITE FROM VENDOR TO BE ORDERED 12 WEEKS AHEAD OF INSTALL

INSTALLED AND SCHEDULED BY OWNER / VENDOR. INSTALL TO BE SCHEDULE A MIN OF 4 WEEKS BEFORE DESIRED DATE

ANCHOR BOLTS TO BE IN AN 8X8 PATTERN, INSTALL BY GC. TO BE COMPLETED PRIOR TO HAVING BW ON SITE

THESE DRAWINGS ARE INTENDED TO BE REVIEWED IN CONJUNCTION WITH THE ODMB INSTALL DETAILS. YOU CANNOT RELY ON THESE DRAWINGS ALONE FOR A SUCCESSFUL INSTALLATION





EXTERIOR POLE LIGHTS AS2.1 SCALE: 1/2" = 1'-0"

CONCRETE -

GRAVEL AND -

SAND

PAD

DT DIGITAL PRE-SELL MENU BOARD SCALE: 1/2" = 1'-0"

> - INTEGRATED SPEAKER MENU

- SPEAKER BASE - APPROX. GRADE

BOARD

- CONDUIT FROM

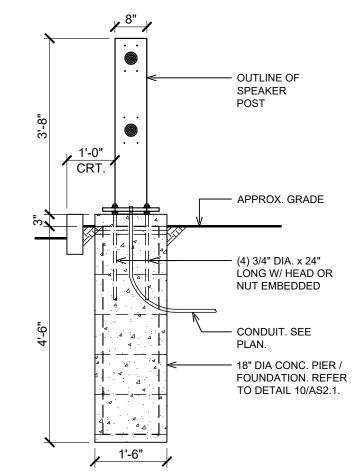
INSIDE BUILDING

CRITICAL NOTES

FOUNDATION, DATA AND ELECTRICAL BY CIVIL/GC.







SPEAKER POST DETAIL **AS2.1** SCALE: 1/2" = 1'-0"

VEHICLE DETECTOR LOOP SECTION SCALE: 1/2" = 1'-0"

LOOP DETECTOR DOES NOT COME ON

OWNER ORDERS THIS FROM HME AND

VEHICLE

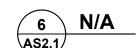
LOOP

DETECTOR

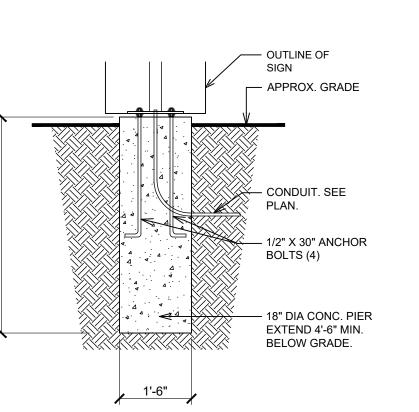
- LOOP

SUPPORTS

GC COORDINATES THE INSTALL







WIND LOAD: WIND LOAD: WIND LOAD: 90 MPH (ASCE 7-05) 120 MPH (ASCE 7-05) 150 MPH (ASCE 7-05) 115 MPH (ASCE 7-10) 153 MPH (ASCE 7-10) 192 MPH (ASCE 7-10) FOUNDATION DETAIL: **FOUNDATION DETAIL:** ESIGN PARAMETERS: FOUNDATION DETAIL: DESIGN PARAMETERS: 2009 INTERNATION BUILDING CODE DESIGN PARAMETERS: 2009 INTERNATION BUILDING CODE ASCE 7-05 WIND SPEED DATA: ASCE 7-05 WIND SPEED DATA: ASCE 7-05 WIND SPEED DATA: 1. BASIC WIND SPEED = 90 MPH
(3 SEC. GUST)
2. WIND IMPORTANCE FACTOR 1.0 1. BASIC WIND SPEED = 150 MPH (3 SEC. GUST) 2. WIND IMPORTANCE FACTOR 1.0 . BASIC WIND SPEED = 120 MPH TOP OF CURE TOP OF CURB TOP OF CURB (3 SEC. GUST)

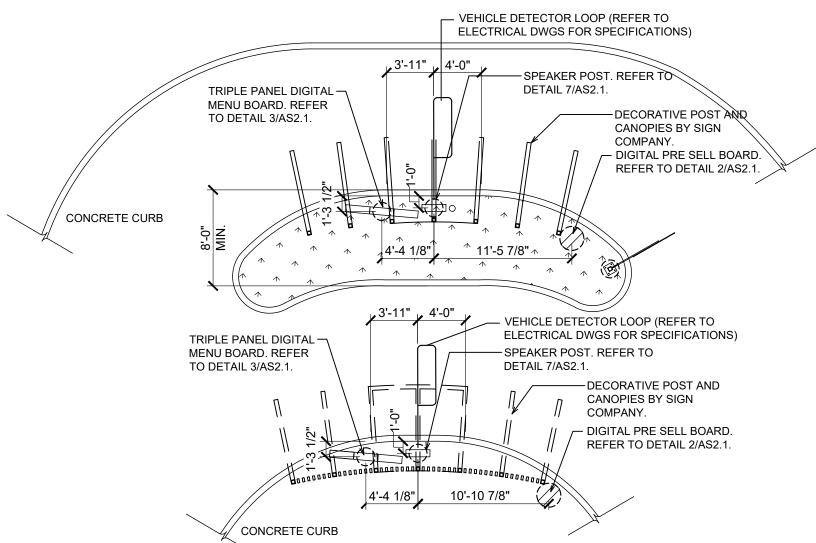
2. WIND IMPORTANCE FACTOR 1.0 BASE PLATE BASE PLATE BASE PLATE 3. WIND EXPOSURE C
4. INTERNAL PRESSURE COEF. N/A 3. WIND EXPOSURE C 4. INTERNAL PRESSURE COEF. N/A 3. WIND EXPOSURE C
4. INTERNAL PRESSURE COEF. N/A SLOPE TO SHED WATER SLOPE TO SHED - SLOPE TO SHED WATER WATER FINISHED GRADE 4. COMPNENT AND CLADDING N/A FINISHED GRADE . COMPNENT AND CLADDING N/A . COMPNENT AND CLADDING N/A FINISHED GRADE ASCE 7-10 SPEC RATED APPX. 28% HIGHER OVER ASCE 7-05 SPEC ASCE 7-10 SPEC RATED APPX. 28% HIGHER OVER ASCE 7-05 SPEC ASCE 7-10 SPEC RATED APPX. 28% HIGHER OVER ASCE 7-05 SPEC #3 TIES (18" OD) #3 TIES (18" OD) × #3 TIES (18" OD) SPACE @ 10" O.C (3) #3 TIES IN TOP 5 SPACE @ 10" O.C (3) #3 TIES IN TOP 5" SPACE @ 10" O.C (3) #3 TIES IN TOP 5 MATERIALS: GRADE F1554 Gr 36 ANCHOR BOLTS MATERIALS: GRADE F1554 Gr 36 ANCHOR BOLTS MATERIALS: GRADE F1554 Gr 36 ANCHOR BOLTS GRADE A615 60 KSI REBAR 3000 PSI CONCRETE @ 28 DAYS GRADE A615 60 KSI REBAR 3000 PSI CONCRETE @ 28 DAYS GRADE A615 60 KSI REBAR 3000 PSI CONCRETE @ 28 DAYS — (4) 3/4" DIA. x 24" LONG — (4) 3/4" DIA. x 24" LONG (4) 3/4" DIA. x 24" LONG W/ HEAD OR NUT EMBEDDED W/ HEAD OR NUT EMBEDDED W/ HEAD OR NUT EMBEDDED CLASS 5 SOIL: 1500 PSF SOIL BEARING — (4) VERTICAL #5 REBAR - (4) VERTICAL #5 REBAR —— (4) VERTICAL #5 REBAR 100 PSF/LF SOIL LATERAL BEARING 100 PSF/LF SOIL LATERAL BEARING 100 PSF/LF SOIL LATERAL BEARING EQUALLY SPACED EQUALLY SPACED EQUALLY SPACED UNDISTURBED SOIL UNDISTURBED SOIL - CONCRETE — CONCRETE <--- CONCRETE FOUNDATION FOUNDATION FOUNDATION 1. MAINTAIN 3" COVER
ON ALL REBAR.
2. ALL STRUCTURAL MAINTAIN 3" COVER MAINTAIN 3" COVER ON ALL REBAR. ON ALL REBAR. 2'-0" ALL STRUCTURAL
DETAILING TO BE
ASSUMED BY DMB
ENGINEER. ALL STRUCTURAL DETAILING TO BE ASSUMED BY DMB DETAILING TO BE ASSUMED BY DMB ENGINEER. ENGINEER. 2'-0" بہ ہے۔ 2'-0"

WITH ALL LOCAL CODES AND SOIL CONDITIONS. 2. DESIGNS ARE PER 15 PSF WIND LOADS (VERIFY

LOCAL WIND AND SOIL CONDITIONS). 3. ALL PAINTED PAVEMENT MARKERS ARE TO BE

CONTRACTOR.

SOLID YELLOW AND FURNISHED BY GENERAL



NOTES:

1. SIGNAGE VENDOR TO DETERMINE NUMBER OF DIRECTIONAL SIGNS AND LOCATIONS (SITE VERIFY)

2. NOTES: DETAILS FOR REFERENCE ONLY. COORDINATE WITH SITE PLAN DRAWING FOR EXACT REQUIREMENTS.

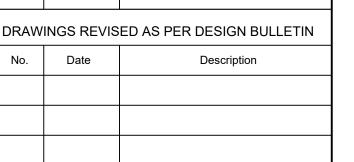
GENERAL NOTES

1. ALL SIGNS SHALL BE ERECTED IN ACCORDANCE

4. WHEN UNABLE TO VIEW CARS PLACING ORDERS DIRECTLY FROM PICK-UP WINDOW A 24" CONVEX MIRROR SHALL BE PLACED IN AN APPROPRIATE SH LOCATION TO VIEW CUSTOMERS ORDER AT STATION. AS NOTED SIGNAGE BOARD DETAIL 10 FOUNDATION DETAIL @ DIGITAL MENU BOARD **AS2.1** SCALE: 1/2" = 1'-0" **AS2.1** SCALE: 1/2" = 1'-0" C22-129

Description **REVISIONS** Description 1 8/01/2023 RESPONSE TO CITY 2 9/04/2023 HEALTH COMMENTS 3 9/12/2023 RESPONSE TO CITY 9/12/2023 HEALTH COMMENTS

ISSUE TABLE





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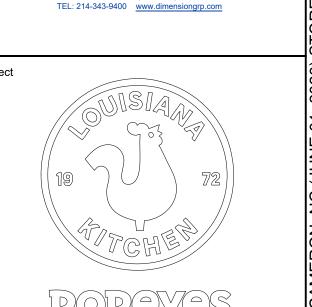
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9.14.2023

Company Logo





US 2112 PROTOTYPE 2112-21

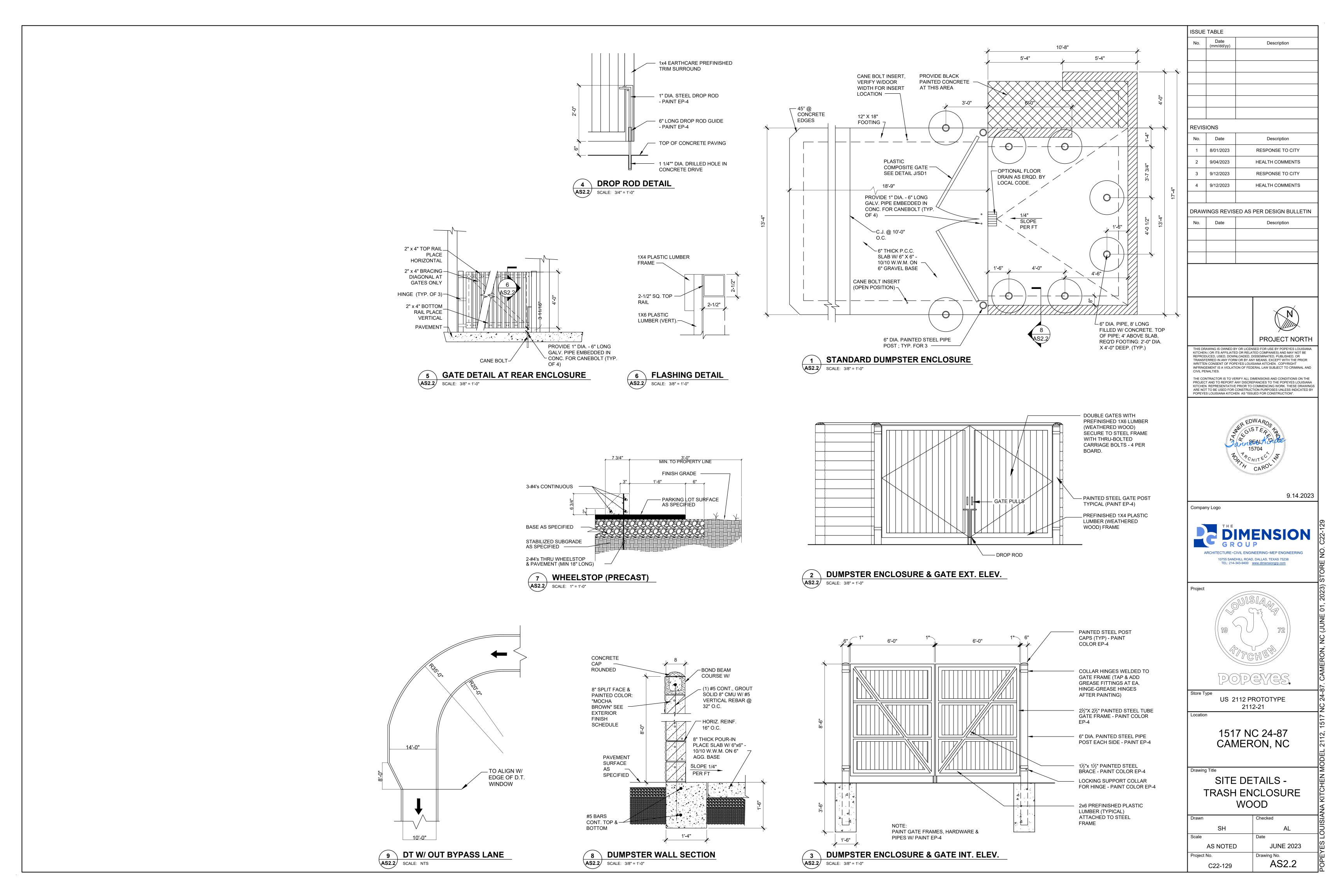
1517 NC 24-87

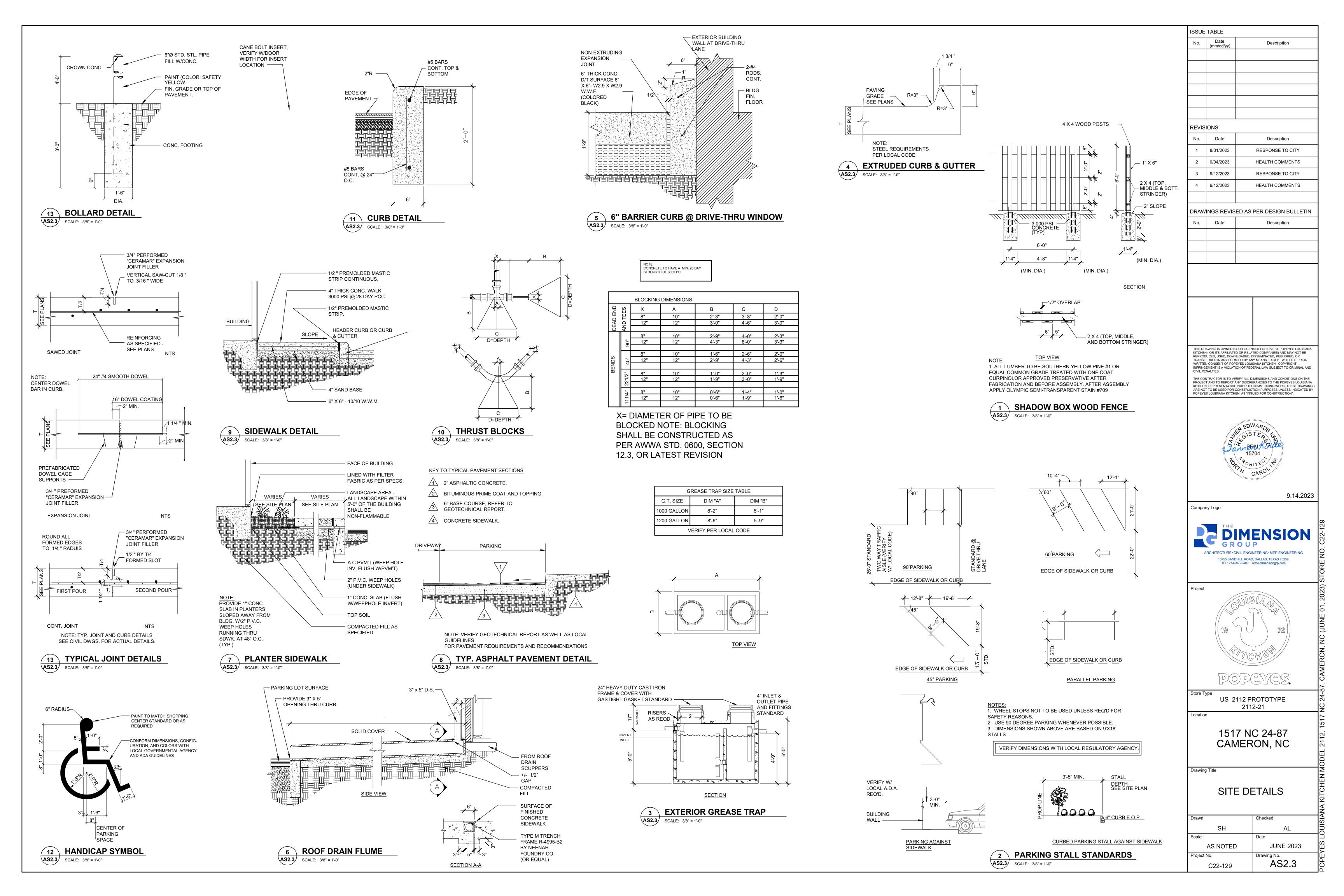
CAMERON, NC

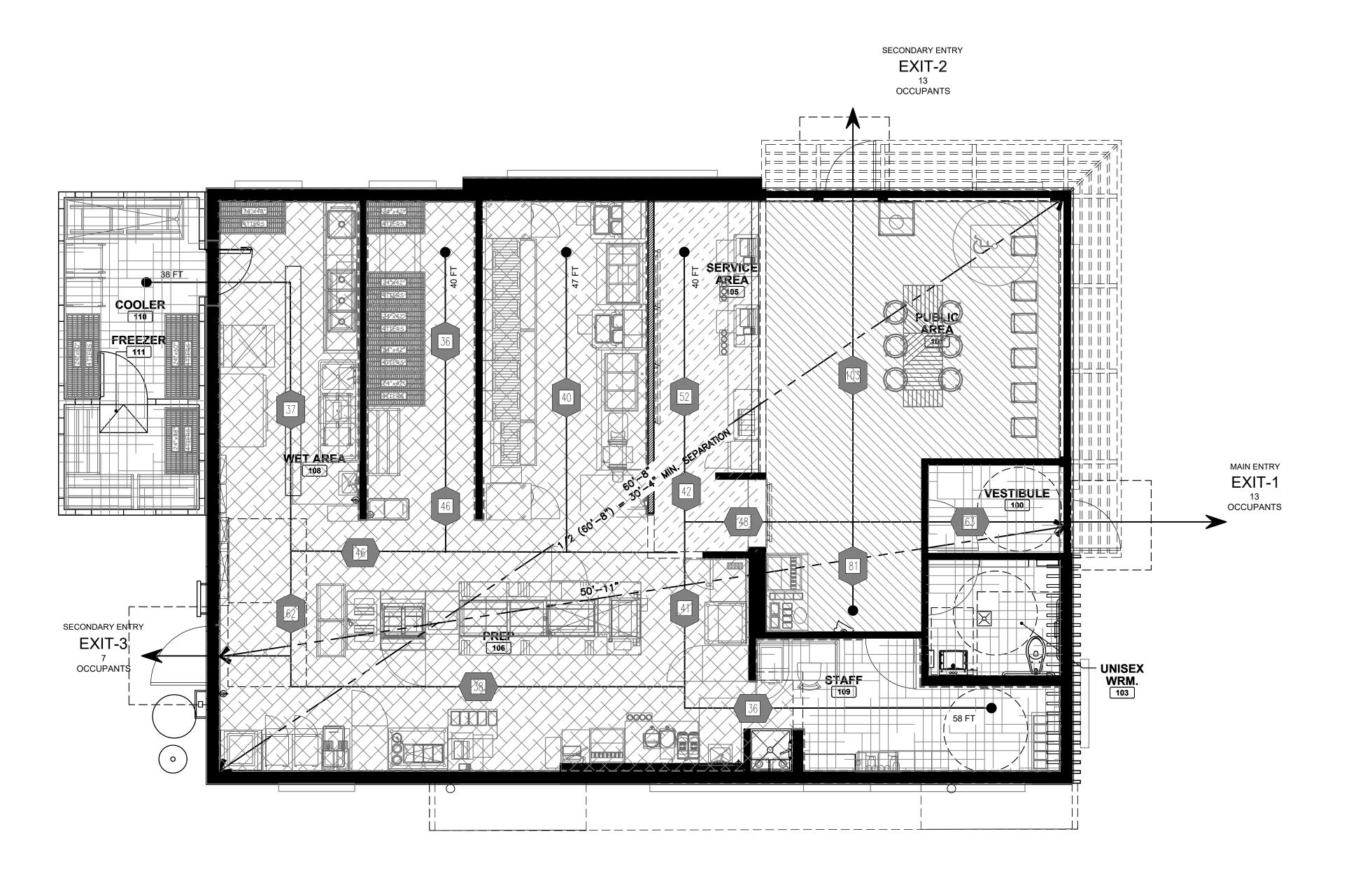
MENU SIGN DETAILS SINGLE DOUBLE DRIVE-THRU

JUNE 2023 AS2.1









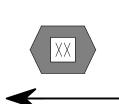
GENERAL NOTES:

FIRE EXTINGUISHER (K CLASS) TO BE PROVIDED BY G.C. VERIFY NUMBER AND LOCATION OF EXTINGUISHERS WITH LOCAL AUTHORITIES. SEE SHEET A2 FOR ADDITIONAL INFORMATION

OCCUPANCY SIGNAGE NOTES:

SIGNS STATING THE MAXIMUM OCCUPANT CONTENT SHALL BE CONSPICUOUSLY POSTED IN EACH AREA OF ASSEMBLY, ASSEMBLY ROOM, OR ROOM USED FOR SIMILAR PURPOSE.

LEGEND



EGRESS PATH DIRECTION & WIDTH (INCHES)

PATH OF EGRESS TRAVEL; 36" MINIMUM

BUILDING CODE INFORMATION				
BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE	\triangle		
OCCUPANCY CLASSIFICATION:	BUSINESS & ASSEMBLY GROUP B & A-2	/ 3		
CONSTRUCTION TYPE:	AKBE, AR			
SPRINKLER:	NOT SPRINKLERED			
TOTAL MAXIMUM OCCUPANT LOAD:		\triangle		
MERCANTILE AREA:	(25 OCCUPANTS)	3\		
EXITING REQUIREMENTS:				

MAX TRAVEL DISTANCE 200' (250' WITH SPRINKLER SYSTEM)
EXITS: TOTAL REQ: 1 TOTAL PROVIDED: 3 EGRESS WIDTH PER EXIT: 44" CLEAR. LOSS OF ONE REQUIRED MEANS OF EGRESS SHALL NOT REDUCE THE EGRESS CAPACITY TO LESS THAN 50% OF REQUIRED.

		T			
BUILDING	CODE:	SQFT	TOTAL SQFT	PERSONS	TOTAL PERSONS
	ASSEMBLY (RESTAURANT) 15 SQ.FT PI	ER OCCUPANT	-		
	DINING (CONCONCENTRATED)	224		15	
	DINING (STANDING)	59	283	4	19
	ASSEMBLY (STORAGE) 200 SQFT PER	OCCUPANT			
$\langle \chi / \rangle$					
<i>y</i> x x	KITCHEN	1,100	1,100	6	6
	UNOCCUPIED AREAS				
	VESTIBULE	42			
	RESTROOM	56			
	COOLER VAULT	154			
	OFFICE	90	342	0	0

EGRESS CAPACITY

TOTAL = 540 PERSONS

MAIN ENTRY EXIT 1 WIDTH SECONDARY EXIT 2 WIDTH SECONDARY EXIT 3 WIDTH = 34"/.02" = 170 PERSONS = 34"/.02" = 170 PERSONS = 40"/.02" = 200 PERSONS

ISSUE TABLE Description REVISIONS

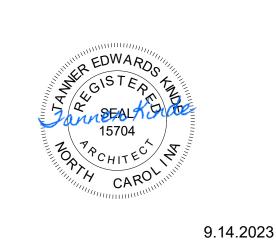
No.	Date	Description				
1	8/01/2023	RESPONSE TO CITY				
2	9/04/2023	HEALTH COMMENTS				
3	9/12/2023	RESPONSE TO CITY				
4	9/12/2023	HEALTH COMMENTS				
DRAWINGS REVISED AS PER DESIGN BULLETIN						

DRAWINGS REVISED AS PER DESIGN BULLETIN					
No.	Date	Description			



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Company Logo



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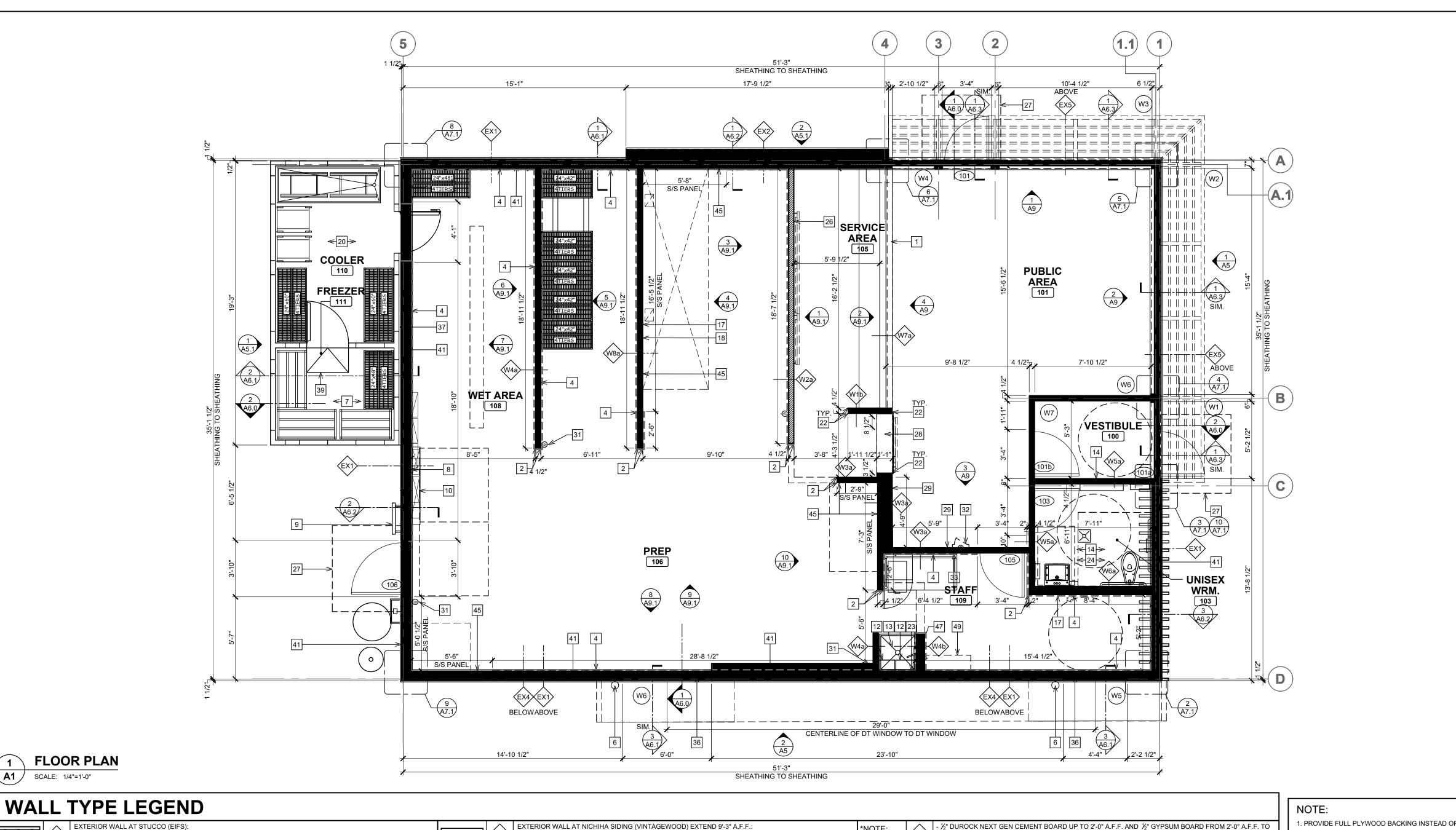
1517 NC 24-87 CAMERON, NC

C22-129

LIFE SAFETY & EXITING PLAN

JUNE 2023 AS NOTED AS2.4

EXITING PLAN A1 SCALE: 1/4"=1'-0"



XTERIOR WALL AT STUCCO (EIFS): STOTHERM CI LOTUSAN EXTERIOR INSULATION FINISHING SYSTEM (EIFS): 1" EXPANDED POLYSTYRENE XWXXXWXXXWXX U/S OF CEILING (PUBLIC AREA SIDE) DRYWALL IN BACK OF HOUSE WHERE PERMITTED NICHIHA VINTANGE WOOD: COLOR: CEDAR; 17 ءً" HIGH X 119 هُ" LONG X هُ" THICK. COMES WITH STARTEF INSULATION BOARD W/ 1/8" BASE COAT, REINFORCING MESH AND 3/6" FINISH. (REFER TO EXTERIOR - METAL STUDS @ 16" O.C. TRACK AND JOINT CLIP. EXTEND 9'-3" A.F.F. BY CODE. STO GOLD COAT FLUID APPLIED MEMBRANE AIR BARRIER, ALL TRANSITIONS AT FOUNDATION, ROUGH - ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) 2. G.C TO ENSURE THE FOLLOWING SHOP STO GOLD COAT FLUID APPLIED MEMBRANE AIR BARRIER. ALL TRANSITIONS AT FOUNDATION, ROUGH ${lag{1}}''$ DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND ${rac{1}{2}}''$ MOLD RESISTANT GYPSUM BOARD OPENINGS, SHEATHING JOINTS, FLASHINGS, WALL PENETRATIONS AND PARAPETS TO BE SEALED W/ OPENINGS. SHEATHING JOINTS. FLASHINGS. WALL PENETRATIONS AND PARAPETS. TO BE SEALED W/ STO DRAWINGS ARE SUBMITTED: FROM 2'-0" A.F.F. (KITCHEN SIDE) STO RAPID GUARD PER MANUFACTURERS SPECS PRIOR TO APPLICATION OF FLUID APPLIED 2 X 4 METAL RAPID GUARD PER MANUFACTURERS SPECS PRIOR TO APPLICATION OF FLUID APPLIED MEMBRANE AIR MEMBRANE AIR BARRIER STUDS - ½" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND ½" MOLD RESISTANT GYPSUM BOARD - BULKHEADS (FRONT COUNTER, MENU SCREEN 1 LAYER ½" EXTERIOR GRADE PLYWOOD EXTEND 9'-3" A.F.F. FROM 2'-0" A.F.F. (KITCHEN SIDE) & PUBLIC AREA SUSPENDED GB CEILING) (P. ENG 1 LAYER ½" EXTERIOR GRADE PLYWOOD 2"X6" WOOD STUDS @16" O.C. EXTEND 9'-3"A.F.F. ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) 2"X6" WOOD STUDS @16" O.C. STAMPED) UNFACED BATT INSULATION (R-20) UP TO 10'-0" MAX C/W 2"X6" FIRE STOP. - METAL STUDS @ 16" O.C. DENOTES UNFACED BATT INSULATION (R-20) UP TO 10'-0" MAX C/W 2"X6" FIRE STOP. FSK FOIL FACED FLAME SPREAD 25 BATT INSULATION (R-20) FROM 10'-0" TO U/S OF DECK C/W 2"X6" %" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) - ROOF ACCESS LADDER/CAGE/ROOF HATCH (P. 2 X 6 METAL FSK FOIL FACED FLAME SPRÈAD 25 BATT INSULATION (R-20) FROM 10'-0" TO U/S OF DECK C/W 2"X6" FIRE STOP. $\ensuremath{\mathcal{Y}}$ " DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND $\ensuremath{\mathcal{Y}}$ " MOLD RESISTANT GYPSUM BOARD STUDS ENG. STAMPED) UNFACED BATT INSULATION (R-20) FROM U/S OF DECK TO 18" MIN. ABOVE DECK. UNFACED BATT INSULATION (R-20) FROM U/S OF DECK TO 18" MIN. ABOVE DECK. FROM 2'-0" A.F.F. (KITCHEN SIDE) - CURTAIN WALL (P. ENG. STAMPED) 1 LAYER OF $lac{1}{2}$ " GYPSUM BOARD SHEATHING ON CONTINUOUS 6 MIL. POLYETHYLENE VAPOR BARRIER TO (U/S 1 LAYER OF ½" GYPSUM BOARD SHEATHING ON CONTINUOUS 6 MIL. POLYETHYLENE VAPOR BARRIER ½" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE) TO (U/S OF DECK). - LIST OF HARDWARE / DOORS ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) PROVIDE ½" CEMENTITIOUS BACKER BOARD INSTEAD OF PLYWOOD SHEATHING TO 12" ABOVE FLOOR SLAB PROVIDE ½" CEMENTITIOUS BACKER BOARD INSTEAD OF PLYWOOD SHEATHING TO 12" ABOVE FLOOR DENOTES - DRIVE THRU WINDOW C/W ACOUSTICAL SEALANT AT BASE. SLAB C/W ACOUSTICAL SEALANT AT BASE. 2 X 8 METAL - $\frac{1}{2}$ " DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND $\frac{1}{2}$ " GYPSUM BOARD FROM 2'-0" A.F.F. TO - ROOFING MATERIALS STUDS U/S OF CEILING (PUBLIC AREA SIDE) EXTERIOR WALL AT NICHIHA SIDING (VINTAGEBRICK): XMXXXXWXXXWXX REFER ALSO TO SPECIFICATION SECTIONS FOR - NICHIHA VINTANGE BRICK: COLOR: WHITEWASH (SITE PAINT); 17 1/8" HIGH X 71 1/8" LONG X 3/4" THICK. . PROVIDE DOUBLE LAYER OF REINFORCING MESH TO MIN. 2'-0" ABOVE GRADE AT ALL EIFS LOCATIONS. - ½" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE) SHOP DRAWINGS REQUIREMENTS. COMES WITH STARTER TRACK AND JOINT CLIP 2. G.C TO ENSURE DARK COLOURED EIFS NOT TO BE INSTALLED IN DIRECT SUNLIGHT (COORDINATE WITH - ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) STO GOLD COAT FLUID APPLIED MEMBRANE AIR BARRIER. ALL TRANSITIONS AT FOUNDATION, ROUGH 3. PRIME CONSULTANT TO REQUEST THE WOOD STUDS @ 24" O.C. OPENINGS, SHEATHING JOINTS, FLASHINGS, WALL PENETRATIONS AND PARAPETS TO BE SEALED W/ FOLLOWING SHOP DRAWINGS TO THE RELATED ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) STO RAPID GUARD PER MANUFACTURERS SPECS PRIOR TO APPLICATION OF FLUID APPLIED EXTERIOR WALL AT NICHIHA SIDING (VINTAGEBRICK): 1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD VENDOR FOR REVIEW: MEMBRANE AIR BARRIER. NICHIHA VINTANGE BRICK: COLOR: ALEXANDRIA BUFF; 17 🖁 HIGH X 71 🔓 LONG X 🖥 THICK. COMES WITH FROM 2'-0" A.F.F. (KITCHEN SIDE) 1 LAYER ½" EXTERIOR GRADE PLYWOOD STARTER TRACK AND JOINT CLIP. - REFRIGERATION BOXES 2"X6" WOOD STUDS @16" O.C 1 I AYER %" EXTERIOR GRADE PLYWOOD - ½" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND ½" GYPSUM BOARD FROM 2'-0" A.F.F. TO - MILLWORK UNFACED BATT INSULATION (R-20) UP TO 10'-0" MAX C/W 2"X6" FIRE STOP. 2"X6" WOOD STUDS @16" O.C 29" A.F.F. (PUBLIC AREA SIDE) FSK FOIL FACED FLAME SPREAD 25 BATT INSULATION (R-20) FROM 10'-0" TO U/S OF DECK C/W 2"X6" GRAPHICS STO GOLD COAT FLUID APPLIED MEMBRANE AIR BARRIER. ALL TRANSITIONS AT FOUNDATION, ROUGH - METAL STUDS @ 16" O.C. OPENINGS, SHEATHING JOINTS, FLASHINGS, WALL PENETRATIONS AND PARAPETS TO BE SEALED W/ STO 4. REFER TO MECHANICAL, ELECTRICAL AND - ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) UNFACED BATT INSULATION (R-20) FROM U/S OF DECK TO 18" MIN. ABOVE DECK. RAPID GUARD PER MANUFACTURERS SPECS PRIOR TO APPLICATION OF FLUID APPLIED MEMBRANE AIR 1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD STRUCTURAL DRAWINGS FOR MECHANICAL, 1 LAYER OF ½" GYPSUM BOARD SHEATHING ON CONTINUOUS 6 MIL. POLYETHYLENE VAPOR BARRIER FROM 2'-0" A.F.F. (SERVICE AREA SIDE) ELECTRICAL AND STRUCTURAL REQUIREMENTS. TO (U/S OF DECK). 1 LAYER ½" EXTERIOR GRADE PLYWOOD - ½" FIRE-RATED GYPSUM WALL BOARD EXTEND UP TO 6" ABOVE CEILING. (KITCHEN SIDE) PROVIDE ½" CEMENTITIOUS BACKER BOARD INSTEAD OF PLYWOOD SHEATHING TO 12" ABOVE FLOOR 2"X6" WOOD STUDS @16" O.C. SLAB C/W ACOUSTICAL SEALANT AT BASE. - ½" DUROCK NEXT GEN CEMENT BOARD UP TO U/S OF DECK. UNFACED BATT INSULATION (R-20) UP TO 10'-0" MAX C/W 2"X6" FIRE STOP. METAL STUDS @ 16" O.C. EXTEND UP TO U/S OF DECK. FSK FOIL FACED FLAME SPREAD 25 BATT INSULATION (R-20) FROM 10'-0" TO U/S OF DECK C/W 2"X6" FIRE STOP. - ½" DUROCK NEXT GEN CEMENT BOARD UP TO U/S OF DECK. UNFACED BATT INSULATION (R-20) FROM U/S OF DECK TO 18" MIN. ABOVE DECK. 1. PROVIDE DOUBLE LAYER OF REINFORCING MESH TO MIN. 2'-0" ABOVE GRADE AT ALL EIFS ¹/₂" FIRE-RATED GYPSUM WALL BOARD EXTEND UP TO 6" ABOVE CEILING. (KITCHEN SIDE) 1 LAYER OF ½" GYPSUM BOARD SHEATHING ON CONTINUOUS 6 MIL. POLYETHYLENE VAPOR BARRIER TO (U/S 2. G.C TO ENSURE DARK COLOURED EIFS NOT TO BE INSTALLED IN DIRECT SUNLIGHT (COORDINATE PROVIDE ½" CEMENTITIOUS BACKER BOARD INSTEAD OF GYPSUM BOARD TO 2'-0" ABOVE FLOOR SLAB C/W WITH MANUFACTURER) **GENERAL NOTES:** ACOUSTICAL SEALANT AT BASE. EXTERIOR WALL AT NICHIHA SIDING (VINTAGEBRICK) EXTEND 9'-0" A.F.F.: $\mbox{\%}$ " DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND $\mbox{\%}$ " GYPSUM BOARD FROM 2'-0" A.F.F. TO (EX3) NICHIHA VINTANGE BRICK: COLOR: ALEXANDRIA BUFF; 17 1/2 HIGH X 71 1/2 LONG X 1/4 THICK. COMES WITH U/S OF CEILING (PUBLIC AREA SIDE) METAL STUDS @ 16" O.C. STARTER TRACK AND JOINT CLIP. EXTEND 9'-0" A.F.F. TOP OF WALL TO ROOF STRUCTURE AS REQUIRED TO SUPPORT ADDITIONAL LOADS. STO GOLD COAT FLUID APPLIED MEMBRANE AIR BARRIER, ALL TRANSITIONS AT FOUNDATION, ROUGH ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) a" DENOTES REFER TO SITE PLAN FOR LOCATION & EXTENTS OF SIDEWALKS ETC. OPENINGS, SHEATHING JOINTS, FLASHINGS, WALL PENETRATIONS AND PARAPETS TO BE SEALED W/ STO ½" CEMENTITIOUS BACKER BOARD (SERVICE AREA SIDE) X 4 METAL ALL EXTERIOR WALLS SHALL BE FRAMED WITH 2 X6 STUDS @ 16" O.C. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR LAYOUT, DIMENSIONS, DETAILS, MATERIAL RAPID GUARD PER MANUFACTURERS SPECS PRIOR TO APPLICATION OF FLUID APPLIED MEMBRANE AIR STUDS %" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND $1\!\!/_2$ " MOLD RESISTANT GYPSUM BOARD INFORMATION & SPECIFIC STRUCTURAL DESIGN REQUIREMENTS. 1 LAYER ½" EXTERIOR GRADE PLYWOOD EXTEND 9'-0" A.F.F. FROM 2'-0" A.F.F. TO 48" A.F.F. (SERVICE AREA SIDE) G.C TO PROVIDE SOLID WOOD BLOCKING BEHIND ALL WALL MOUNTED FIXTURES AND ACCESSORIES. 2"X4" WOOD STUDS @16" O.C. EXTEND 9'-0"A.F.F. - METAL STUDS @ 16" O.C. b" DENOTES UNFACED BATT INSULATION (R-20) UP TO 10'-0" MAX C/W 2"X6" FIRE STOP. FOR ANOMALIES, REFER TO WALL SECTIONS REFERENCE KEYED ON PLANS. ½" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS) FSK FOIL FACED FLAME SPREAD 25 BATT INSULATION (R-20) FROM 10'-0" TO U/S OF DECK C/W 2"X6" FIRE STOP. 2 X 6 METAL - ½" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND ½" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. TO 48" A.F.F. (KITCHEN SIDE) LOCATION OF CEMENTITIOUS BACKER BOARD INDICATES LOCATION OF WALL TILE FINISH. VERIFY WITH INT. ELEVATIONS ON SHEET A9 & A9.1 FOR WALL TILE LOCATIONS. STUDS UNFACED BATT INSULATION (R-20) FROM U/S OF DECK TO 18" MIN. ABOVE DECK. GYPSUM BOARD, PLYWOOD & CEMENTITIOUS BACKER BOARD TO EXTEND TO 4" ABOVE T-BAR CEILING & TO U/S OF CEILING IN LOCATIONS WITH GYPSUM BOARD CEILING. 1 LAYER OF $\frac{1}{2}$ " GYPSUM BOARD SHEATHING ON CONTINUOUS 6 MIL. POLYETHYLENE VAPOR BARRIER TO (U/2) REFER TO MANUFACTURE SPECIFICATIONS FOR ALL INSTALLATION PROCEDURE. DOTTED LINE INDICATES LOCATION OF FIBREGLASS REINFORCED PANEL (FRP) LOCATION. PROVIDE ½" CEMENTITIOUS BACKER BOARD INSTEAD OF PLYWOOD SHEATHING TO 12" ABOVE FLOOR SLAB G.C TO PERFORM AN AIR BARRIER TEST (LEAKAGE TEST) ON THE BUILDING ENVELOPE PRIOR TO THE COMPLETION OF CONSTRUCTION, IN ACCORDANCE WITH THE NYS ENERGY HIDDEN LINE INDICATES LOCATION OF BLOCKING IN BETWEEN THE STUDS FOR THE MILLWORK C/W ACOUSTICAL SEALANT AT BASE). G.C TO SEAL/CAULK ALL BUILDING PENETRATIONS PRIOR TO PERFORMING AN AIR BARRIER TEST. PROVIDE FIRE CAULKING ALL PIPES, CONDUITS, WIRES AND FRAMING PENETRATIONS THROUGH FIRE RATED SEPARATIONS. FIRE CAULK TOP & BOTTOM OF FIRE RATED

FLOOR PLAN

A1 / SCALE: 1/4"=1'-0"

FLOOR PLAN NOTES

- APPROXIMATE LOCATION OF FRONT COUNTER. CONSULT MILLWORK DRAWINGS FOR ACTUAL LOCATION. G.C TO ENSURE FLOOR TILE TRANSITION FALLS UNDERNEATH MILLWORK COUNTERS, G.C TO COORDINATE WITH MILLWORK COMPANY FOR ACTUAL LOCATION.
- 2 \mid G.C TO PROVIDE AND INSTALL 2" X 2" (4FT LIGHT DUTY 20 GAUGE "#4 BRUSHED") S/S CORNER GUARDS FROM 4" A.F.F AND 1 1/2" X 1 1/2" PLASTIC CORNER GUARDS (FROM FRÉ SUPPLIER) FROM 4'-4" TO U/S OF CEILINGS AND BULKHEADS ON ALL OUTSIDE CORNERS.
- 3 G.C TO COORDINATE WITH UTILITY COMPANIES FOR PLACEMENT / LOCATION OF BOLLARDS G.C TO PROVIDE 6" DIA. METAL BOLLARD FILL W/ CONCRETE AND PAINTED. REFER TO DETAIL 13/AS2.3 & EXTERIOR ELEVATIONS A5 & A5.1.
- 4 PROVIDE PLYWOOD BACKING / BLOCKING IN WALL AS REQUIRED TO SUPPORT WALL MOUNTED
- 6 6" DIA. METAL BOLLARD FILL W/ CONCRETE AND PAINTED. REFER TO DETAIL 13/AS2.3 & **EXTERIOR ELEVATIONS A5 & A5.1**

FREEZER. G.C TO COORDINATE SIZE WITH WALK-IN MANUFACTURER.

WHITE LATEX PAINT W/ CLASS A RATING (BY SHERWIN WILLIAMS).

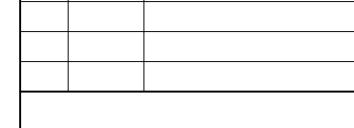
- 7 NO TILE REQUIRED ON FLOOR AT FREEZER. FREEZER TO HAVE INSULATED FLOOR. G.C TO PROVIDE & INSTALL 2" RIGID INSULATION UNDER SLAB FOR ENTIRE AREA OF COOLER /
- 8 PROVIDE ½" FIRE RATED PLYWOOD FROM FINISHED FLOOR TO 8'-0" BEHIND ELECTRICAL PANEL. PAINT PLYWOOD W/ 1 COAT OF PRIMERX PEEL BONDING PRIMER & 2 FINISH COATS O
- 9 INTERIOR ROOF ACCESS LADDER AND ROOF HATCH. REFER TO DETAIL 2/A6.2.
- $_{10}\mid$ 8" DEEP x 6" HIGH CONCRETE HOUSE KEEPING PAD @ LOCATION OF ELECTRICAL PANELS. PROVIDE TILE FINISH ON HORIZONTAL & VERTICAL SURFACES.
- 12 HOT WATER TANK C/W EXPANSION TANK (IF REQUIRED) MOUNTED ABOVE MOP SINK. REFER TO MECHANICAL DRAWINGS.
- 13 G.C TO PROVIDE AND INSTALL SURFACE MOUNTED MOP SINK. WALLS AROUND MOP SINK TO RECEIVE ½" CEMENTITIOUS BACKER BOARD FROM FLOOR TO 4'-0" A.F.F. REFER TO MECHANICAL DWGS.
- [14] G.C. TO SUPPLY AND INSTALL SOUND BATT INSULATION ON ALL PUBLIC WASHROOM WALLS.
- NALL TO BE COMPLETE W/ 1 LAYER ½" DUROCK NEXT GEN CEMENT BOARD ON 2"X6" METAL STUDS @ 16" O.C. CARRY STUDS & CEMENT BOARD TO 6" ABOVE CEILING.
- [18] PROVIDE PROPER NON-COMBUSTIBLE SUPPORT IN WALL AS REQUIRED TO SUPPORT EXHAUS HOOD. COORDINATE WITH HOOD VENDOR.
- - 20 INSTALL FLOOR TILE AFTER INSTALLATION OF COOLER UNIT. G.C TO COORDINATE WITH COOLER/ FREEZER MANUFACTURER.
- 22 PROVIDE & INSTALL SCHLUTER STRIP AT TILED CORNERS. REFER TO SHEET A10 FOR SPECIFICATIONS.
- 23 WATER FILTRATION SYSTEM BY EQUIPMENT SUPPLIER. REFER TO MEP DRAWINGS. WATER FILTRATION SYSTEM TO BE INSTALLED TIGHT AGAINST THE CORNER.
- 24 REFER TO SHEET A9.3 FOR WASHROOM ELEVATIONS.
- PROVIDE BACKING/BLOCKING IN WALL AS REQUIRED TO SUPPORT WALL MOUNTED LED
- 27 DASHED LINE INDICATES LOCATION OF FROST SLAB (FOR COLDER CLIMATE REGIONS). REFER
- TO STRUCTURAL DRAWINGS FOR SIZE. 28 1/2" CEMENT BOARD EXTEND 24" A.F.F AND 1/2" GYPSUM WALL BOARD ABOVE ON 3 5/8" METAL
- [29] G.C TO PROVIDE LEVEL 5 DRYWALL FINISH (AT A LOCATION BEHIND WALL GRAPHIC) C/W 2
- COATS OF PRIMER OR 1 COAT OF LATEX PAINT.
- WALL MOUNTED FIRE EXTINGUISHER TO BE SUPPLY AND INSTALL BY G.C. G.C. TO VERIFY LOCATION WITH FIRE MARSHALL.
- 32 SEMI- RECESSED FIRE EXTINGUISHER AND CABINET. REFER TO INTERIOR ELEVATION 3/A9.
- 33 PROVIDE PLYWOOD BEHIND PORTAL OFFICE CABINET. REFER TO INTERIOR ELEVATION 9/A9.
- B6 DRIVE THRU WINDOW SUPPLY AND INSTALL BY G.C.
- B7 PROVIDE MIN. 2" AIR SPACE BETWEEN COOLER / FREEZER AND FACE OF WALL.
- GOOLER / FREEZER UNIT PROVIDED & INSTALLED BY MANUFACTURER. INTERIOR RAMP TO BE PROVIDED INSIDE FREEZER UNIT BY MANUFACTURER. G.C TO COORDINATE.
- 41 CROSS HATCH INDICATES LOCATION OF SHEAR WALLS. REFER TO STRUCTURAL DRAWINGS.

- 6 G.C TO PROVIDE AND INSTALL S/S PANELS BEHIND AND BESIDE FRY STATION AS INDICATED. REFER TO DETAIL 1/A8 AND INTERIOR ELEVATIONS 9/A9.1.
- 47 RAIN WATER LEADER. REFER TO PLUMBING DRAWINGS.
- 8 WATER METER AND BACK FLOW PREVENTER. REFER TO PLUMBING DRAWINGS. EXACT LOCATION OF WATER METER TO BE COORDINATED WITH CIVIL PLANS.

REVISIONS Date Description 8/01/2023 RESPONSE TO CITY 9/04/2023 HEALTH COMMENTS 3 9/12/2023 RESPONSE TO CITY 4 9/12/2023 HEALTH COMMENTS DRAWINGS REVISED AS PER DESIGN BULLETIN Description

Description

ISSUE TABLE





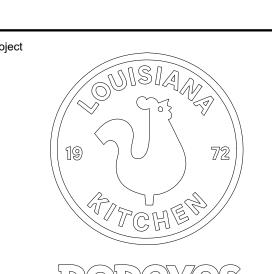
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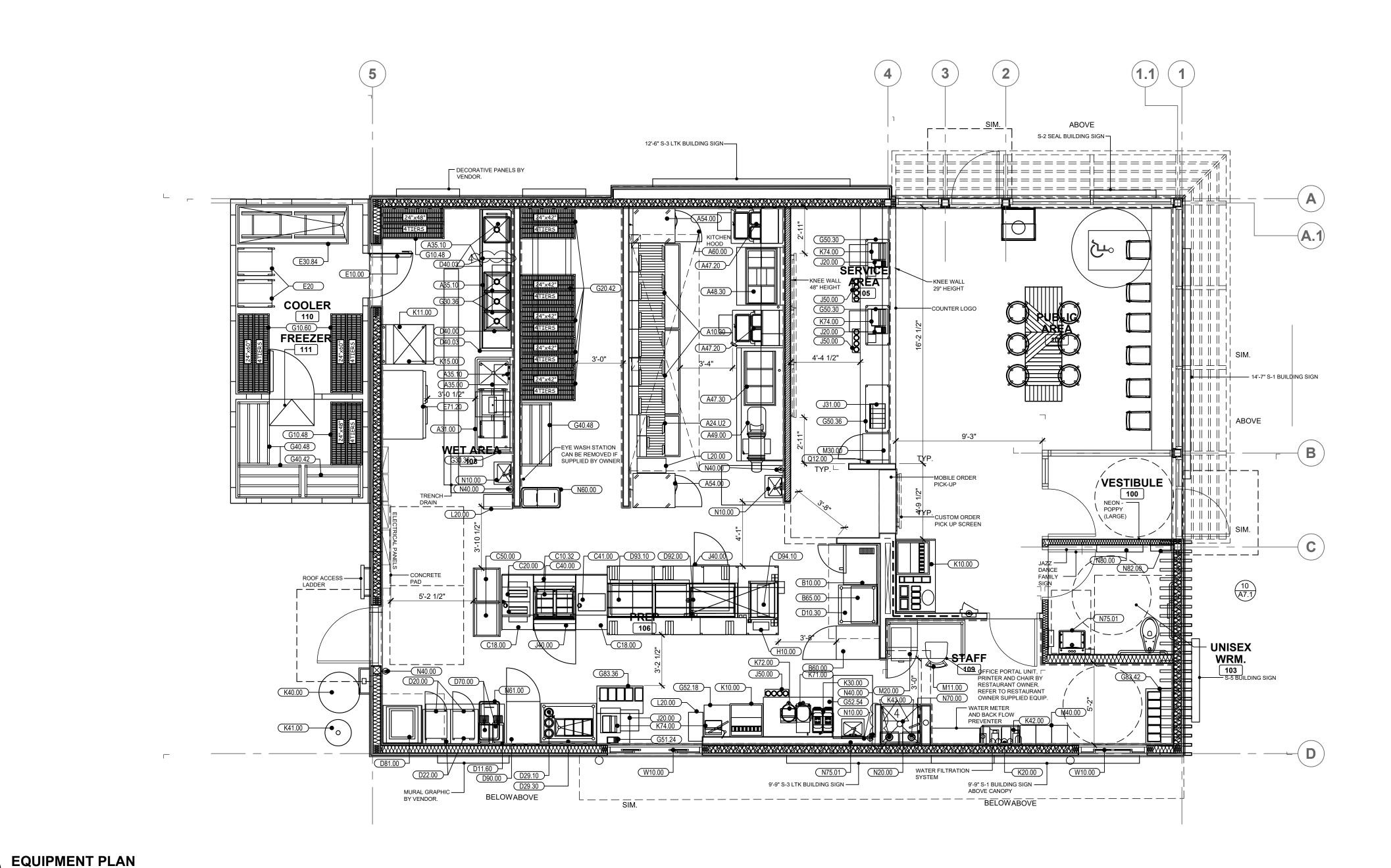
US 2112 PROTOTYPE

Company Logo

FLOOR PLAN

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Drawn	Checked	SIAN
SH	AL	
Scale	Date	
1/4"=1'-0"	JUNE 2023	<u>/ES</u>
Project No.	Drawing No.	سِّا
C22-129	A1	PO

- ALL INTERIOR NON-STRUCTURAL PARTITION SHALL BE 2 X 4 METAL STUDS @ 16" O.C. FROM SLAB TO 6" ABOVE FINISHED CEILING, UNLESS NOTED OTHERWISE. DIAGONALLY BRACE
- SEPARATIONS. HILTI USA FS-ONE MAX FIRESTOP INTUMESCENT SEALANT, HILTI USA 1-800-879-8000 FIRE CAULK TOP & BOTTOM OF FIRE RATED SEPARATIONS.
- G.C TO PROVIDE & INSTALL 1/2" CEMENTITIOUS BACKER BOARD INSTEAD OF GYPSUM BOARD TO 2-0" ABOVE FLOOR SLAB (FOR ALL INTERIOR PARTITIONS).
- . REFER TO STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATIONS.



A2 SCALE: 1/4"=1'-0"

EQUIPMENT GENERAL NOTES

AS OF APRIL 31, 2021, CAPTIVE AIRE NO LONGER MANUFACTURES OR SELLS THE POPEYES LOW PROFILE HOOD. THE ONLY APPROVED HOOD IS THE FRANKE PLK HOOD. CAD DWGS AND SPECS CAN BE FOUND IN THE DESIGN PORTAL ON THE EQUIPMENT SCHEDULE TAB. IDMBS CLEARANCE MUST REMAIN AT 135" MIN AFTER FINISHES TO BE ABLE TO

FIT (3) 50" TV MONITOR SCREENS

- NOTE
- 1. IT IS RESPONSIBILITY OF THE G.C. TO COORDINATE DELIVERY, UNCRATING, POSITIONING, FINAL HOOK UP AND REMOVAL OF TRASH OF ALL OWNER SUPPLIED KITCHEN EQUIPMENT.
- 2. ALL KITCHEN EQUIPMENT TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
- 3. DECOR ITEMS SUPPLIED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR. 4. FOR DINING ROOM FURNITURE, SEE DECOR PACKAGE, CONTACT DECOR VENDOR FOR DETAILS.
- 5. ARCHITECT OF RECORD TO ENSURE AND COORDINATE THAT ALL INTERIOR AND EXTERIOR COMPLIES WITH ADA REQUIREMENTS AS WELL AS LOCAL JURISDICTIONS.
- 6. AS OF DECEMBER 31, 2021, CAPTIVE AIRE NO LONGER MANUFACTURERS OR SELLS THE POPEYES LOW PROFILE HOOD. THE ONLY APPROVED HOOD IS THE FRANKE PLK HOOD. THE ONLY APPROVED HOOD IS THE FRANKE PLK HOOD. CAD DWGS AND SPECS CAN BE FOUND IN THE DESIGN PORTAL ON THE EQUIPMENT SCHEDULE TAB.

NEW KITCHEN EQUIPMENT SCHEDULE

ITEMNO	QTY	CATEGORY	MFR	MODEL	EQUIPMENT REMARK
A10.30 A10.40	2	MULTIPLE FRYER SYSTEM, ELECTRIC SHORTENING DISPOSAL UNIT	ULTRAFRYER ULTRAFRYER	B-E20-20-3-UC DISPOSAL	NOT SHOWN IN PLAN
10.50	2	BOILOUT HOSE	ULTRAFRYER	BOILOUT	NOT SHOWN IN PLAN
24.U2	1	MULTIPLE FRYER SYSTEM, ELECTRIC	ULTRAFRYER	B-E17-14-2-UCP	
31.00	1	MARINATOR	AYRKING	M101-110	
A35.00 A35.10	3	ONE COMPARTMENT SINK PRE-RINSE FAUCET ASSEMBLY	WINHOLT T & S	1143828 B2180	
A35.20	1	ONE COMPARTMENT SINK	WINHOLT	B2 100	
47.20	2	BATTER STATION 29"	AYRKING	BBSUL2934P	
447.30	1	BATTER STATION 86"	KES	CUSTOM	
\48.30 \49.00	1	3-PAN ICE BATH TABLE FABRICATION DRUMROLL	KES AYRKING	CUSTOM DRUF120TPR 8POP	
\54.00	2	REACH-IN FREEZER	DELFIELD	GBF1P-S	
A60.00	1	15' HOOD	FRANKEE	3347 FR-BD-2	
310.00 320.00	1	CONVECTION OVEN, DOUBLE STACKED COUNTERTOP MIXER	BLODGETT OVEN	CTB DBL	
360.00	1	REACH-IN REFRIGERATOR	DELFIELD	GBR1P-S	
365.00	1	BISCUIT HOLDING UNIT	NWS	D328530400N	
C10.32 C20.00	1	POPEYES DUAL SIDE SANDWICH PREP TOASTER	NWS ANTUNES	F775670100N VCT-2	
C40.00	1	PRODUCT HOLDING UNIT	PRINCE CASTLE	EHBP23	
C41.00	1	PROTEIN HOLDING UNIT	PRINCE CASTLE	PHB41F	
50.00	2	BUN / SHEET PAN RACK	CAMBRO	UPR1826F20580	
11.60	1	WORK TABLE 60"	NWS	D202070400N	
)11.60)20.00	2	WORK TABLE 60" MICROWAVE OVEN	KES PANASONIC	CUSTOM NE-17523	
022.00	2	MICROWAVE OVEN	NWS	D413310300N	
29.10	1	PACKING TABLE, CONSERVEWELL UTENSIL	SERVER	CW-DI	
029.30	1	PACKING TABLE, SINGLE SIDED	KES	CUSTOM	<u> </u>
029.80	1	HOT WELLS 3-BOWL SINK	KES NWS	F775660100N	1
040.00	1	SPLASH DIVIDER	NWS	F367400100N	
041.00		NOT USED	ADVANCE TABCO	DTC-S60-24R	
050.00		NOT USED	HOBART	AM-15VLT-2	
070.00 081.00	2	HOT WATER DISPENSER RETHERMALIZER, WATER TANK, ELECTRIC	BUNN	H5XEL	-
090.00	1	HOLDING UNIT / CVAP	ULTRAFRYER WINSTON	REO-1620-X HA4522	1
092.00	1	HOLDING BINS	PRINCE CASTLE	PHB21N2	
092.00DM	1	HOT HOLDING CABINET			
093.10	1	HOLDING BINS	PRINCE CASTLE	DHB2PT-60P	
094.00	1	PROTEIN HOLDING BIN BISCUIT HOLDING BIN	PRINCE CASTLE PRINCE CASTLE	PHB34R2 PHB21N1	
10.00	1	WALK-IN COOLER	KOLPAK	WICF A185891	
20.00	2	CHICKEN RACKS	SPG	4H1286	
30.84	1	CHICKEN CRATE	NWS	D125050500N	
71.00	1	EVEN-THAW REFRIGERATOR	TDALII OEN	DECCON 4	
71.20 15.10	1	DOUBLE EVEN-THAW REFRIGERATOR FAB ELECTRICAL	TRAULSEN	RE232N-1	
G10.48	2	COATED WIRE SHELVING - 4 TIERS	METRO	2448NK3	
G10.60	2	COATED WIRE SHELVING - 4 TIERS	METRO	2448NK3	
320.42	5	WIRE SHELVING WITH TRACK 42"	METRO	2448NK3	
330.36 340.42	2	WIRE SHELVING WALL MOUNTED - 36" 2 TIER DUNNAGE RACK	METRO KES	2448NK3 CUSTOM	
G40.48	1	DUNNAGE RACK	KES	CUSTOM	
G50.30	2	WIRE SHELVING UNCOATED - 2 TIER 30"	METRO	CUSTOM	
G50.36	1	WIRE SHELVING UNCOATED - 2 TIER 36"	METRO	CUSTOM	
351.24 352.18	1	POS TABLE 24" DRIVE-THRU TABLE 18"	METRO KES	CUSTOM	
G52.54	1	DRIVE-THRU TABLE 54"	KES	CUSTOM	
383.36	1	EXPEDITE TABLE	KES	CUSTOM	
983.42	1	EXPEDITE TABLE	KES	CUSTOM	
GR10.00 H10.00	1	CONTACT GRILL MODULAR PRODUCTION COUNTER - DUAL LINE	KES	CUSTOM	
190.00	1	HOLDING CABINET	NLO	COSTOW	
120.00	3	CASH CONTROLLER	NKL INDUSTRIES	W-101	
131.00	1	CONDIMENT ORGANIZER BIN RACK	CAMBRO	12RS12	
140.00 150.00	3	UNDERCOUNTER REFRIGERATOR DISPOSABLE CUP DISPENSER	SILVER KING DISPENSE-RITE	SKRS28 WR-CC-22-POP	-
(10.00	2	SODA MACHINE	MANITOWOC	IBF0620C	
(11.00	1	ICE MAKER, CUBE-STYLE	MANITOWOC	IYF0900N	
(15.00	1	ICE BIN	MANITOWOC	D570 8POP	
(20.00	1	WATER FILTER SYSTEM	EVERPURE	EV943710	
(30.00	1	FROZEN LEMONADE	BUNN	34000.0012	1
(40.00 (41.00	1	GREASE TANK CO2 TANK			1
(42.00	1	BAG N BOX			BY OTHERS
(43.00	2	WATER HEATERS			BY OTHERS
(71.00	1	TEA BREWER	BUNN	ITCB	
(72.00 (74.00	4	TEA DISPENSER POS	BUNN	TDO40	BY OTHERS
20.00	3	TRASH BINS			S. OHILING
P45.00	1	OUTSIDE TRASH RECEPTACLE	WAUSAU	TF1015	NOT SHOWN IN PLAI
.P46.00	1	OUTSIDE TRASH RECEPTACLE	WAUSAU	TF1021	NOT SHOWN IN PLAI
M11.00	1	MANAGERS DESK	NWS	F367310100N	
И20.00 И30.00	1	OFFICE SUPPLIES SAFE	WASSER FIRE KING	106053 BSD2920	-
лзо.00 л40.00	1	LOCKERS W/ 6 HIGH UNIT	KELMAX	EL SERIES	
110.00	1	HAND SINK	KROWNE	HS-68	CLASS K
120.00	1	MOP SINK (30"x30")	FIAT	MSB3030	
140.00	2	FIRE EXTINGUISHER	ACTION	436500	CLASS K
N40.10 N60.00	2	FIRE EXTINGUISHER FLOUR BIN	ACTION RUBBERMAID	434909 FG360288WHT	
N61.00	1	INGREDIENTS BIN	RUBBERMAID	FG360288WHT	
170.00	1	MOP & BROOM HAGER	ADVANCED	K42	
N75.01	1	FAUCET	KROWNE	16-197	
Q12.00	1	PRESELL BOARD			

No.	Date (mm/dd/yy)	Description
REVIS	IONS	
No.	Date	Description
1	8/01/2023	RESPONSE TO CITY
2	9/04/2023	HEALTH COMMENTS
3	9/12/2023	RESPONSE TO CITY
4	9/12/2023	HEALTH COMMENTS

ISSUE TABLE

DRAWINGS REVISED AS PER DESIGN BULLETIN			
No.	Date	Description	



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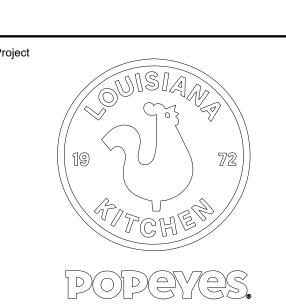
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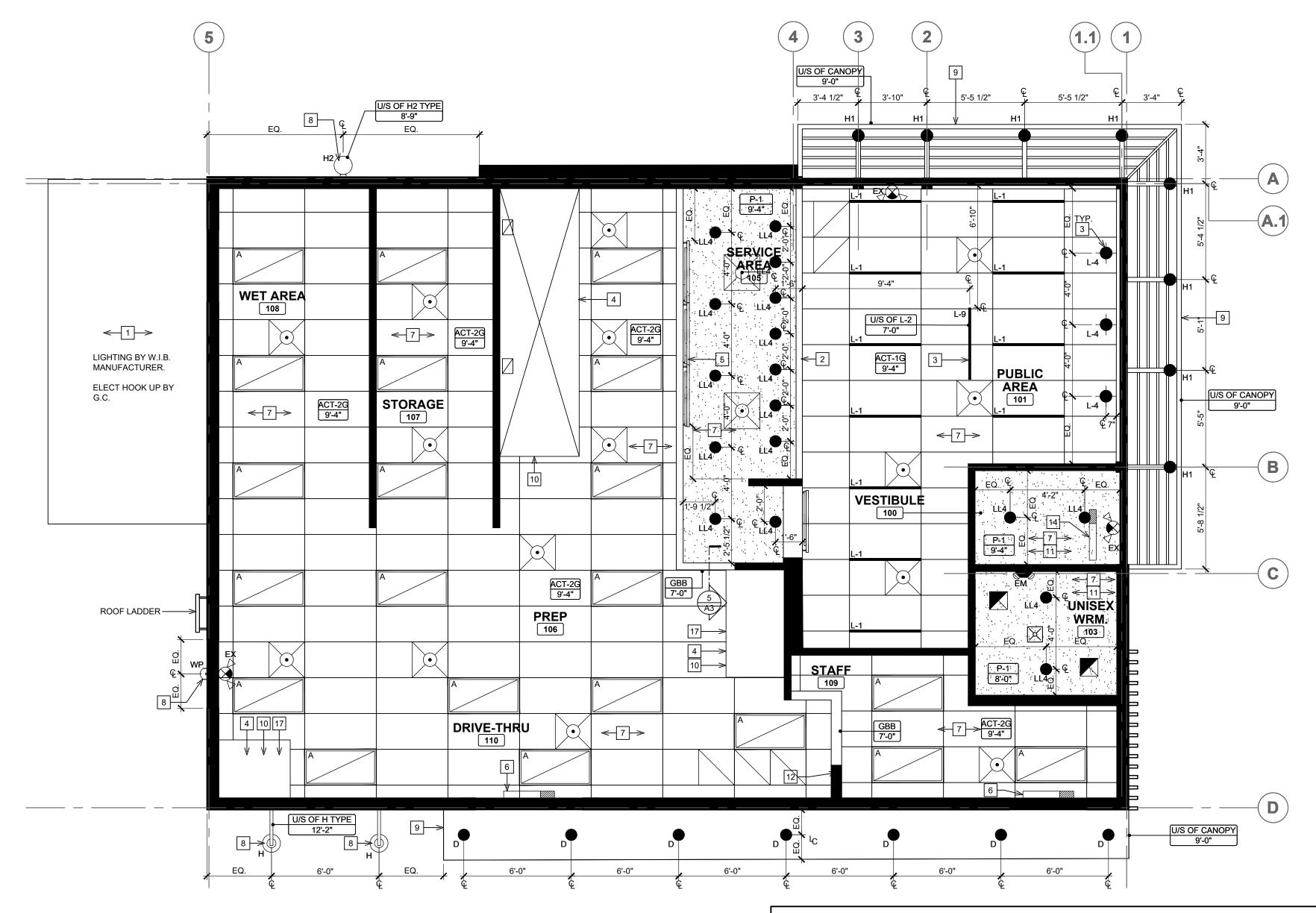


US 2112 PROTOTYPE 2112-21

> 1517 NC 24-87 CAMERON, NC

EQUIPMENT PLAN & SCHEDULES

Drawn	Checked
SH	AL
Scale	Date
1/4"=1'-0"	JUNE 2023
Project No.	Drawing No.
C22-129	A2



NOTE:

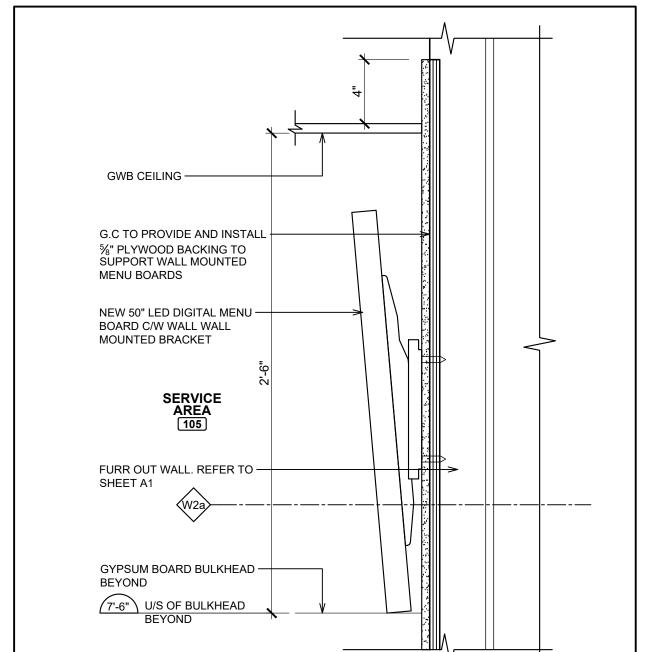
THE GENERAL CONTRACTOR IS TO ENSURE THE FOLLOWING ITEMS ARE BUILT IN ACCORDANCE WITH STRUCTURAL DRAWINGS AND TO MEET CODE REQUIREMENTS (INCLUDING SEISMIC AND LATERAL RESTRAINT) AS REQUIRED: - SUSPENDED SHELVING SUPPORTS

- SEISMIC AND LATERAL RESTRAINT FOR DUCTWORK

- SUSPENDED CEILING PANELS, GYPSUM BOARD / T-BAR CEILINGS IN RELATION TO SEISMIC AND LATER RESTRAINT.

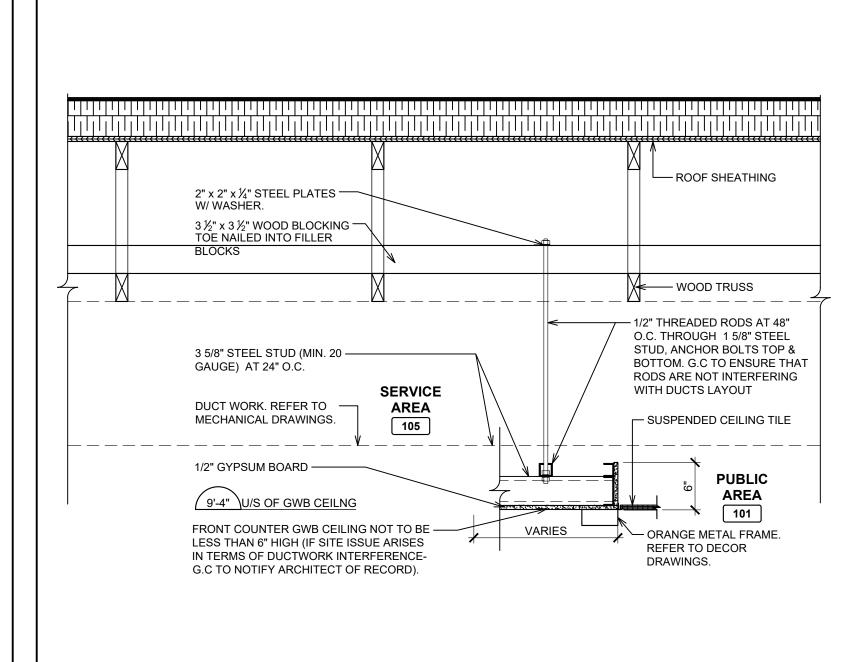
CAMERAS # NUMBER OF CAMERAS

THE GENERAL CONTRACTOR IS RESPONSIBLE THAT ALL SUB-TRADES HAVE RETAINED A QUALIFIED STRUCTURAL ENGINEER TO REVIEW THEIR APPROPRIATE WORK. STRUCTURAL ENGINEER(S) TO ISSUE LETTER (ON THEIR LETTERHEAD) STATING THAT ALL WORK MEETS THE REQUIREMENT OF BUILDING CODE FOR SEISMIC RESTRAINTS.



REELECTED CEILING PLAN

A3 SCALE: 1/4"=1'-0"



CAP INDEX	SECURITY CAMERA LI	CAMERA #S		
0<100	1	1-4		
100<250	2	1-8		
>250	50 3 1-12			
NOTES: - WITH PACKAGE #2 AND #3, 4 EXTRA CAMERAS ARE AVAILABLE TO BE LOCATED AT THE OWNERS DISCRETION * IF A CAMERA IS INSTALLED IN STAFF AREA, OWNER IS TO INFORM STAFF. *				

CEILING PLAN NOTES

- 1 REFER TO WALK-IN FREEZER & COOLER MANUFACTURER FOR EVAPORATOR AND LIGHTING. FINAL CONNECTION BY G.C.
- 2 ORANGE METAL FRAME AROUND OPENING OF FRONT COUNTER. REFER TO POPEYES DECOR PACKAGE.
- ALL PENDANTS / LIGHTS TO BE SUPPLY BY GC / OWNER AND INSTALLED BY G.C. JUNCTION BOX AND FINAL ELECTRICAL CONNECTION BY G.C. PENDANT LIGHTS TO BE MOUNTED AT 7'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE INFORMATION.

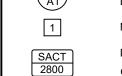
PROVIDE AND INSTALL ELECTRICAL POWER FOR FUTURE AIR CURTAIN. OPERATORS TO BE PROVIDED AT DRIVE-THRU WINDOW IF AIR

- 4 EXHAUST HOODS SUPPLY BY OWNER AND INSTALL BY G.C.REFER TO MECHANICAL DRAWINGS.
- 5 WALL MOUNTED LED SCREENS SUPPLIED BY POPEYES. AND INSTALLED BY G.C. REFER TO DETAIL 3/A3. G.C TO PROVIDE & INSTALL ADEQUATE BLOCKING/BACKING FOR SUPPORT.
- 6 PROPOSED LOCATION OF AIR CURTAIN IF REQUESTED BY RESTAURANT OWNER . REFER TO MECHANICAL/ELECTRICAL DRAWINGS. GC TO
- 7 ALL DIFFUSERS & RETURN AIR GRILLES TO MATCH CEILINGS (THROUGHOUT THE ENTIRE RESTAURANT).
- REFER TO EXTERIOR ELEVATIONS FOR MOUNTING LOCATION OF WALL MOUNTED LIGHT FIXTURES (TYP.)
- g LINE OF CANOPY ABOVE. SUPPLY AND INSTALL BY SIGNAGE VENDOR. REFER TO DETAILS AND STRUCTURAL DRAWINGS.

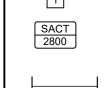
CURTAIN IS INSTALLED. ALL ELECTRICAL OULETS PROVIDED TO BE CAPPED OFF. REFER TO ELECTRICAL DRAWINGS.

- G.C. TO SUPPLY AND INSTALL 20 GA. STAINLESS STEEL PANEL ON CEILING TILE W/ HOLD DOWN CLIP AROUND EXHAUST HOOD. DO NOT FASTEN TO EXHAUST FOOD. ANY DAMAGED TO THE EQUIPMENT HOOD WILL BE AT THE COST OF G.C.
- 11 CEILING IN PUBLIC RESTROOMS / WASHROOM VESTIBULE TO BE PAINTED GYPSUM BOARD INSTALLED OVER 2" X 4" WOOD CEILING FRAMING @ 2'-0" O.C.
- 12 RAINWATER LEADER. REFER TO MECHANICAL DRAWINGS.
- [13] G.C. TO SUPPLY AND INSTALL EXHAUST FAN IN THE CABINET TO VENT ABOVE CEILING AT OFFICE DESK.
- 14 HOOD USED ONLY WHERE THE CITY REQUESTS HOOD ABOVE EQUIPMENT.
- FRONT COUNTER BULKHEAD. REFER TO DETAIL 4/A3. FRONT COUNTER BULKHEAD NOT TO BE LESS THAN 6" HIGH (IF SITE ISSUE ARISES IN TERMS OF DUCTWORK INTERFERENCE- GC TO NOTIFY ARCHITECT OF RECORD).
- 16 JLC T-BAR LED LINEAR LIGHTING FIXTURE INSTALL T-BAR GRID. REFER TO FINISH SCHEDULE.

SYMBOL LEGEND



SECTION NUMBER DRAWING NUMBER NOTE REFERENCE



DENOTES CEILING HT & MATERIAL GYPSUM BOARD GYPSUM BOARD BULKHEAD LAY-IN GYPSUM BOARD

HVAC DUCTWORK WITH AIR GRILLE. REFER TO MECHANICAL DRAWINGS.



RETURN AIR GRILLE. REFER TO MECHANICAL DRAWINGS.

SUPPLY AIR GRILLE. REFER TO MECHANICAL DRAWINGS.



EXHAUST FAN. REFER TO MECHANICAL DRAWINGS. SPEAKERS ATTACHED TO U/S OD TRUSS. REFER

RADIO & AMPLIFIER. REFER TO ELECTRICAL DRAWINGS.

AIR TRANSFER DUCT. REFER TO MECHANICAL DRAWINGS. CEILING MOUNTED HORN / STROBE INDICATING DEVICE.

TO ELECTRICAL DRAWINGS.

REFER TO ELECTRICAL DRAWINGS. CEILING MOUNTED STROBE ONLY DEVICE. REFER TO ELECTRICAL DRAWINGS.

ELECTRICAL SCHEDULE



2'-0" X 4'-0" RECESSED FIXTURE

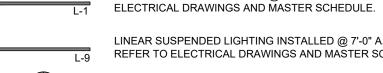


PENDANT LIGHTING INSTALLED @ 7'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS AND MASTER SCHEDULE.

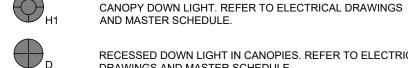
LINEAR LIGHTING INSTALLED @ 9'-4" A.F.F. REFER TO



RECESSED DOWN LIGHT. REFER TO ELECTRICAL DRAWINGS AND MASTER SCHEDULE.



LINEAR SUSPENDED LIGHTING INSTALLED @ 7'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS AND MASTER SCHEDULE



RECESSED DOWN LIGHT IN CANOPIES. REFER TO ELECTRICAL DRAWINGS AND MASTER SCHEDULE.





EMERGENCY LIGHTING. REFER TO ELECTRICAL DRAWINGS AND MASTER SCHEDULE.

WP EXTERIOR WALL PACK LIGHTING. REFER TO ELECTRICAL DRAWINGS AND MASTER SCHEDULE. REFER TO ELECTRICAL DRAWINGS FOR **SPECIFICATIONS**



Company Logo

ISSUE TABLE

REVISIONS

8/01/2023

9/04/2023

3 9/12/2023

4 9/12/2023

Description

Description

RESPONSE TO CITY

HEALTH COMMENTS

RESPONSE TO CITY

HEALTH COMMENTS

Description

PROJECT NORTH

9.14.2023

DRAWINGS REVISED AS PER DESIGN BULLETIN

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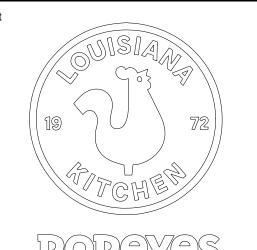
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US 2112 PROTOTYPE

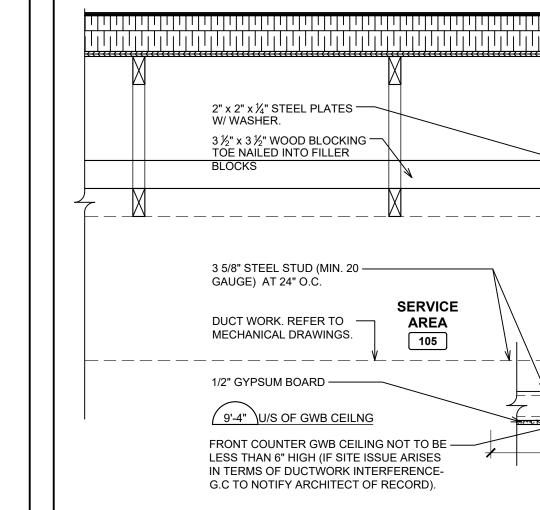
1517 NC 24-87

CAMERON, NC

REFLECTED **CEILING PLAN &**

DETAILS

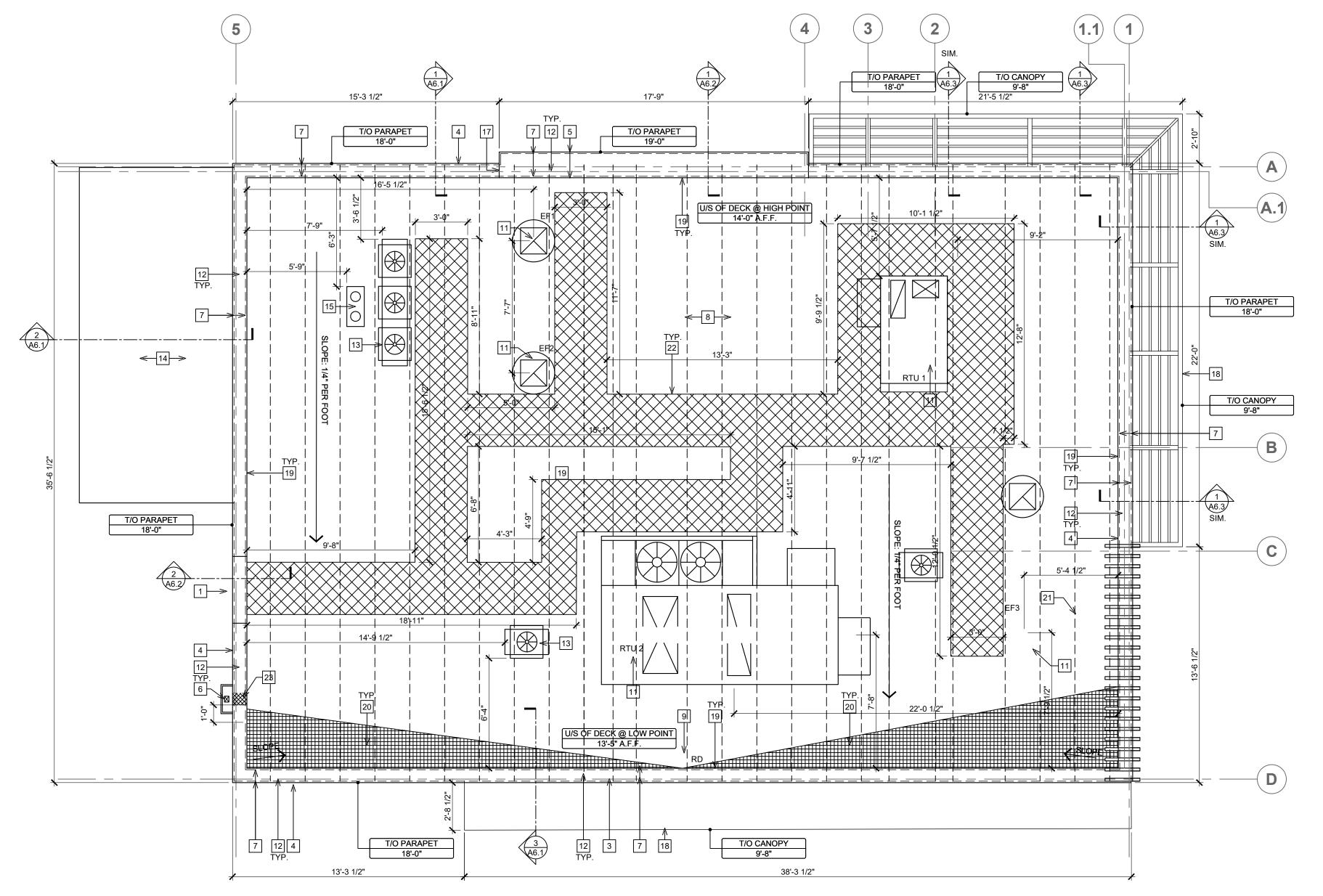
1/4"=1'-0" JUNE 2023 Project No. Drawing No. A3 C22-129



FRONT COUNTER BULKHEAD DETAIL A3 SCALE: 1"=1'-0"

MENU SCREEN DETAIL (WALL MOUNTED)

A3 SCALE: 2"=1'-0"



SYMBOL **LEGEND**

> DETAIL NUMBER
> DRAWING NUMBER $\begin{pmatrix} 1 \\ A1 \end{pmatrix}$ NOTE REFERENCE

ALL ROOFING TO BE IN STRICT ACCORDANCE WITH THE NATIONAL ROOFING CONTRACTORS ASSOCIATION ROOFING MANUAL

G.C IS RESPONSIBLE FOR SEALING ALL ROOF PENETRATIONS UPON COMPLETION OF THE PROJECT.

ROOF TYPE LEGEND

(AS PER NRCA STANDARDS)

ROOF ASSEMBLY:
- MAS 60mil WHITE ULTRAPLY TPO MEMBRANE (OR APPROVED EQUAL) - 2 LAYERS OF RIGID INSULATION (R-33 MIN.) 10mil VAPOUR RETARDER - WOOD ROOF DECK - WOOD TRUSS

CALCULATED ROOF AREA

HORIZONTAL ROOF SURFACE (S.F) VERTICAL SURFACE 50% AREA (S.F) TOTAL PROJECTED ROOF AREA (S.F) DRAINAGE CALCULATIONS: (SIZE OF VERTICAL CONDUCTORS AND LEADERS) 100 YEAR, 1 HOUR RAIN FALL (IN.) (PER FIGURE 1106.1, NC PLUMBING CODE) VERTICAL LEADER SIZE (RECTANGULAR) 3-1/2" X 4"

SPECIFIED LEADER CAPACITY (SINGLE)

(PER TABLE 1106.2(2), NC PLUMBING CODE

VERTICAL LEADER (X1) CAPACITY PROVIDED

REQUIRED OVERFLOW SCUPPER SIZE (SINGLE) 5,300 S.F.

5300 S.F

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ISSUE TABLE

REVISIONS

9/04/2023

3 9/12/2023

4 9/12/2023

Description

Description

RESPONSE TO CITY

HEALTH COMMENTS

RESPONSE TO CITY

HEALTH COMMENTS

Description

PROJECT NORTH

9.14.2023

DRAWINGS REVISED AS PER DESIGN BULLETIN

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Company Logo



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US 2112 PROTOTYPE

1517 NC 24-87 CAMERON, NC

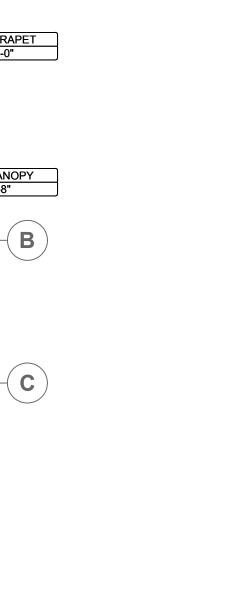
ROOF PLAN AND DETAILS

Drawn	Checked
SH	AL
Scale	Date
1/4"=1'-0"	JUNE 2023
Project No.	Drawing No.
C22-129	A4

ROOF PLAN NOTES

- 1 ROOF ACCESS HATCH TO MATCH PRE-FINISHED METAL CAP FLASHING. REFER TO DETAIL 1/A6.3.

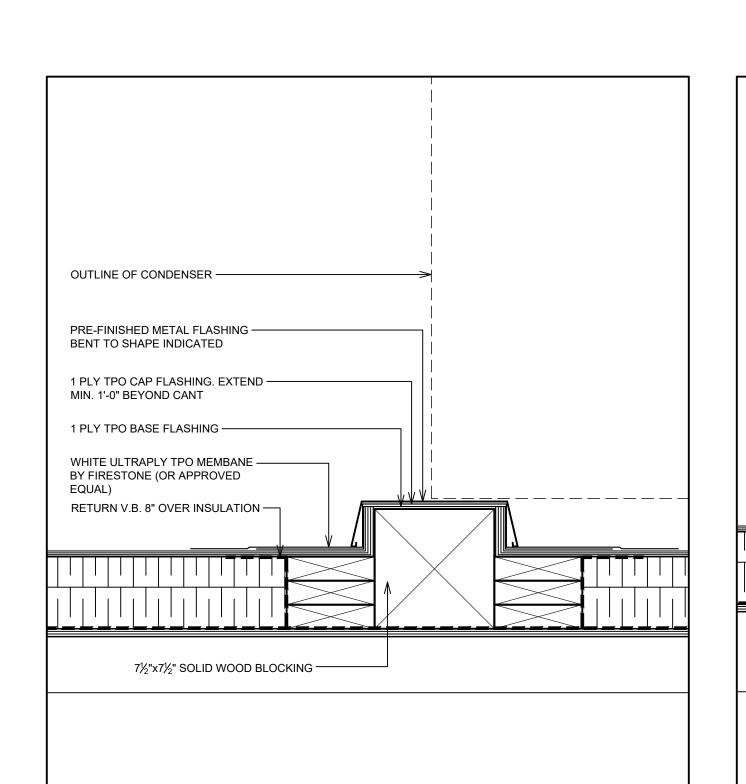
- 4 LINE OF PARAPET. REFER TO DETAIL ON SHEET 1/A7 & 9/A7.
- 5 LINE OF HIGH PARAPET. REFER TO DETAIL ON SHEET 5/A7.
- 6 PRE-FINISHED COLLECTOR BOX & DOWNSPOUT. REFER TO DETAIL 2/A4.1.
- 7 LINE OF WALL BELOW.
- 8 WHITE ULTRAPLY TPO MEMBRANE BY FIRESTONE (OR APPROVED EQUAL). REFER TO ROOF TYPE SCHEDULE &
- 9 ROOF DRAIN. REFER MECHANICAL DRAWINGS.
- WHITE ULTRAPLY TPO MEMBRANE BY FIRESTONE (OR APPROVED EQUAL) OVER DIAGONAL BRACING C/W RIGID INSULATION. REFER TO STRUCTURAL DRAWINGS.
- H.V.A.C UNITS AND EXHAUST FANS AS PER MECHANICAL DRAWINGS. PROVIDE CURB WHERE REQUIRED. REFER TO
- PRE-FINISHED METAL CAP FLASHING. REFER TO EXTERIOR FINISH SCHEDULE ON SHEET A5 FOR COLOUR AND TYPE.
- PROVIDE SLEEPERS FOR ROOF TOP CONDENSER UNIT. SLEEPERS TO SPAN ACROSS JOISTS BELOW. REFER TO DETAIL 3/A4 & STRUCTURAL DRAWINGS.
- 14 EXTERIOR WALK-IN COOLER/FREEZER ROOF.
- G.C TO PROVIDE AND INSTALL DOUBLE PIPE PORTAL (PART NO. 36002) C/W C-126 & C-212 CAP FOR PCL LINES FOR WALK-INS. ROOF OPENING (2'-3½" x1'-0") AND ROOF CURBS TO BE PROVIDED AND FURNISHED BY G.C. REFER TO DETAIL
- 16 PROVIDE & INSTALL 3M NON-SLIP TAPE ON FLASHING AT LADDER LOCATION.
- VINTAGEBRICK FINISH TO WRAP ON SIDE OF HIGH PARAPET WALLS. REFER TO EXTERIOR ELEVATIONS.
- 18 CANOPY BELOW. REFER TO EXTERIOR ELEVATIONS.
- EXTEND ROOF MEMBRANE UP PARAPET WALL AND OVER TOP OF FRAMING (TYP.). SECURE PREFABRICATED ROOF EDGE CLEATS THROUGH MEMBRANE AS SPECIFIED BY MANUFACTURER. REFER TO WALL SECTIONS AND DETAILS.
- CROSS HATCH INDICATES TAPERED INSULATION OVER SPECIFIED RIGID THERMAL INSULATION (TYP.) FIELD VERIFY ROOF DRAIN LOCATIONS PRIOR TO INSTALLATION & INSTALL PER ROOF MANUFACTURER SPECIFICATIONS. G.C TO COORDINATE ACTUAL EXTENTS OF TAPERED INSULATION MATERIALS WITH ROOF INSTALLER & VERIFY INSTALLED COUNTER SLOPE OF ½" PER FOOT (MIN., AS MEASURED FROM LEVEL PLANE) TO DIRECT STORM WATER TOWARD ROOF DRAINS AS INDICATED
- VENTS. REFER TO MECHANICAL DRAWINGS & DETAIL 4/A4.
- TPO WALK WAY PADS OR X-TREADS. REFER TO SPECIFICATIONS. CUT TPO WALK WAY PAD ROLLS TO MAXIMUM OF 9'-10". LEAVE A GAP OF 1" BETWEEN PIECES TO ALLOW FOR WATER DRAINAGE.
- THRU-WALL SCUPPER W/ METAL FLANGE BY ROOFING MANUFACTURER. HOLD TOP OF COLLECTOR BOX 1" BELOW ROOF DECK TO ALLOW FOR SECONDARY OVERFLOW DRAINAGE. SECONDARY ROOF DRAIN SYSTEMS SHALL HAVE THE END POINT OF DISCHARGE SEPARATE FROM THE PRIMARY SYSTEM. DISCHARGE SHALL BE ABOVE GRADE. VERIFY OPENING REQUIREMENTS WITH LOCAL CONDITIONS.



— ROOF MANUFACTURER

APPROVED SEALANT

- STAINLESS STEEL BAND



TYPICAL SLEEPER DETAIL

TYP. VENT PIPE -MANUFACTURER APPROVED -STRIP SEALANT PREFABRICATED VENT STACK — FLASHING WHITE ULTRAPLY TPO MEMBRANE ----BY FIRESTONE (OR APPROVED ROOF SHEATHING — VENT PENETRATION DETAIL

TYPICAL ROOF CURB DETAIL A4 SCALE: 2"=1'-0"

ROOF PLAN

A4 SCALE: 1/4"=1'-0"

METAL COLLAR —

%" PLYWOOD SCREWED ─ TO METAL COLLAR

2"x4" WOOD BLOCKING -

REFER TO STRUCTURAL

INFORMATION.

DRAWINGS FOR ADDITIONAL

- WHITE ULTRAPLY TPO MEMBRANE BY FIRESTONE (OR APPROVED EQUAL)

— VAPOUR BARRIER BY ROOFING CONTRACTOR

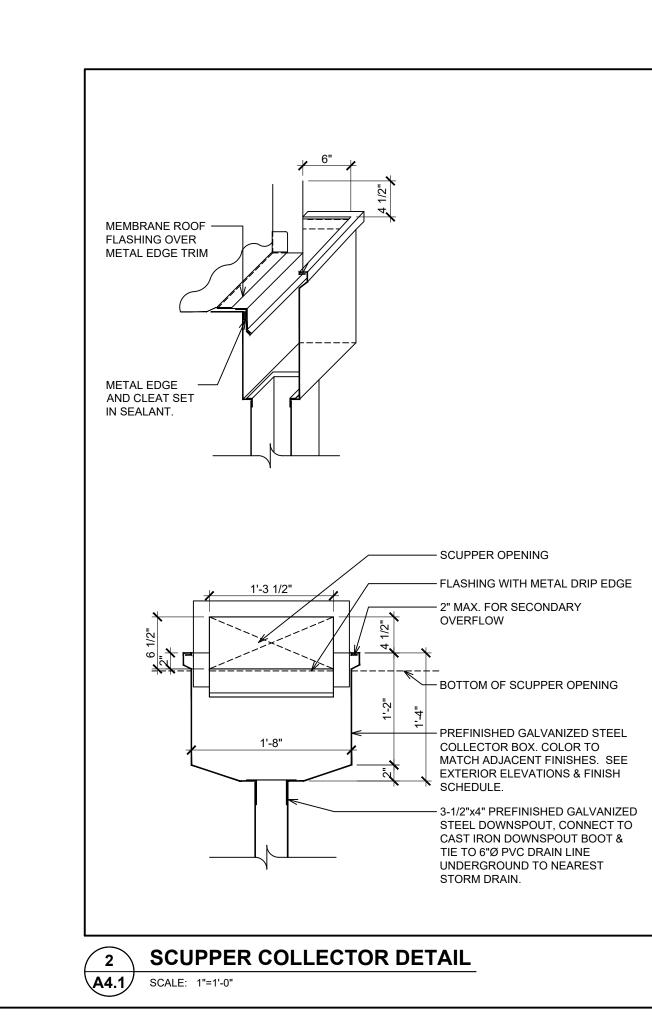
> DOUBLE-UP WOOD TRUSSES. REFER TO

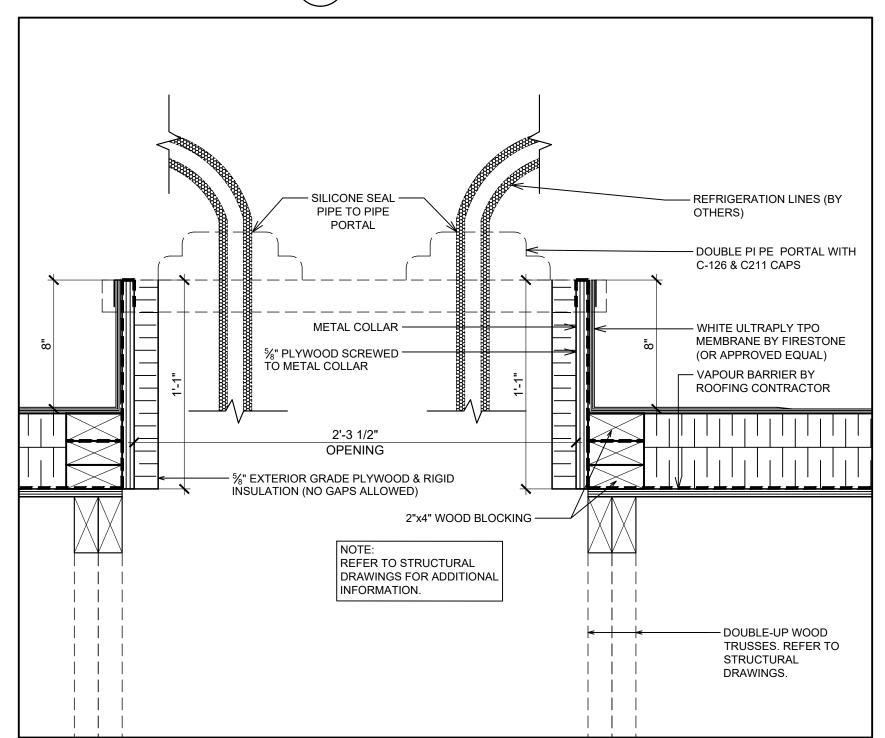
STRUCTURAL

DRAWINGS.

A4 SCALE: 2"=1'-0"

A4 SCALE: 2"=1'-0"





A4.1 SCALE: 2"=1'-0"

TYPICAL ROOF OPENING DETAIL AT PIPE PORTAL

-			
ISS	ISSUE TABLE		
N	lo.	Date (mm/dd/yy)	Description
RE	REVISIONS		
N	lo.	Date	Description
	1	8/01/2023	RESPONSE TO CITY
:	2	9/04/2023	HEALTH COMMENTS
	3	9/12/2023	RESPONSE TO CITY

4 9/12/2023

DRAWINGS REVISED AS PER DESIGN BULLETIN			
Date Description			



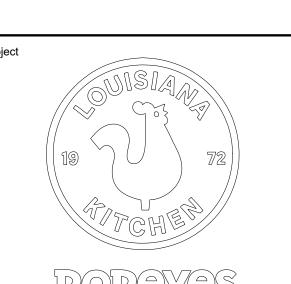
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POPEYES,

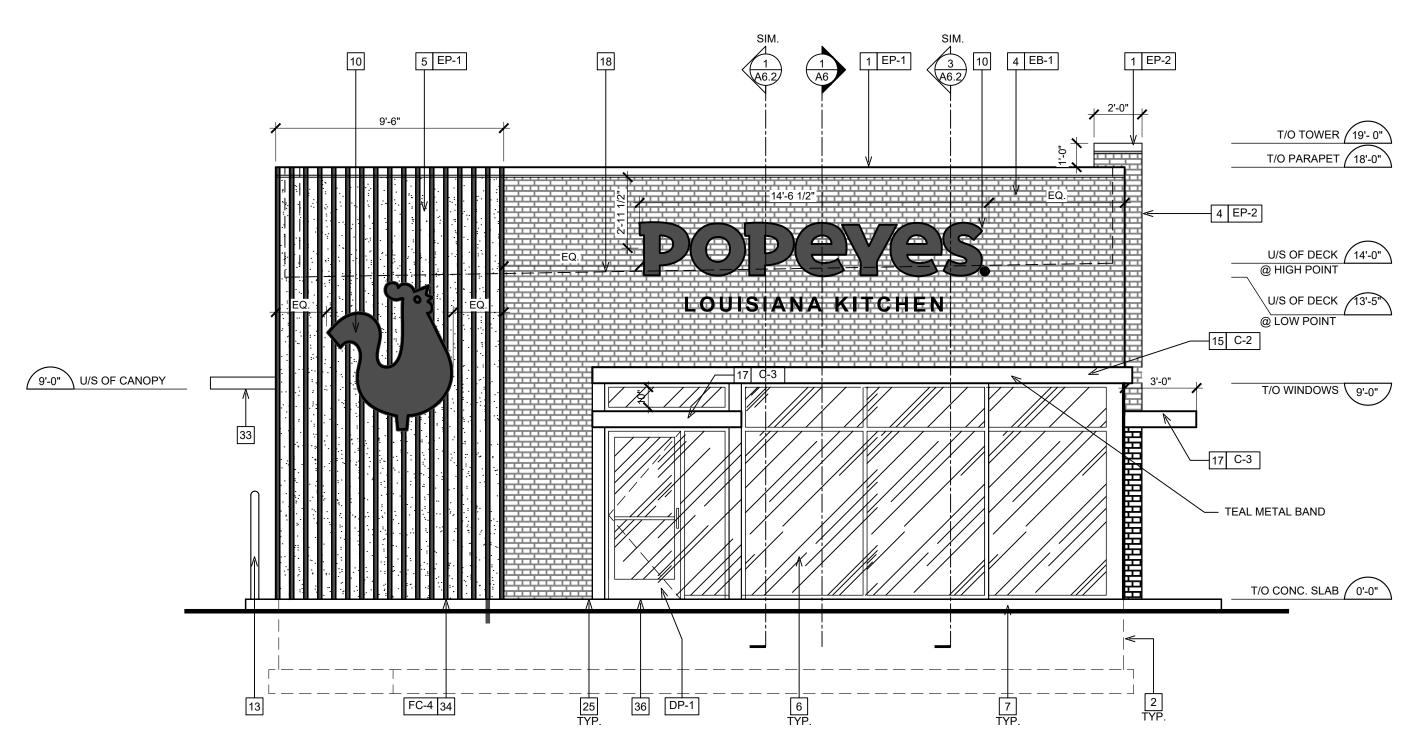
US 2112 PROTOTYPE

2112-21

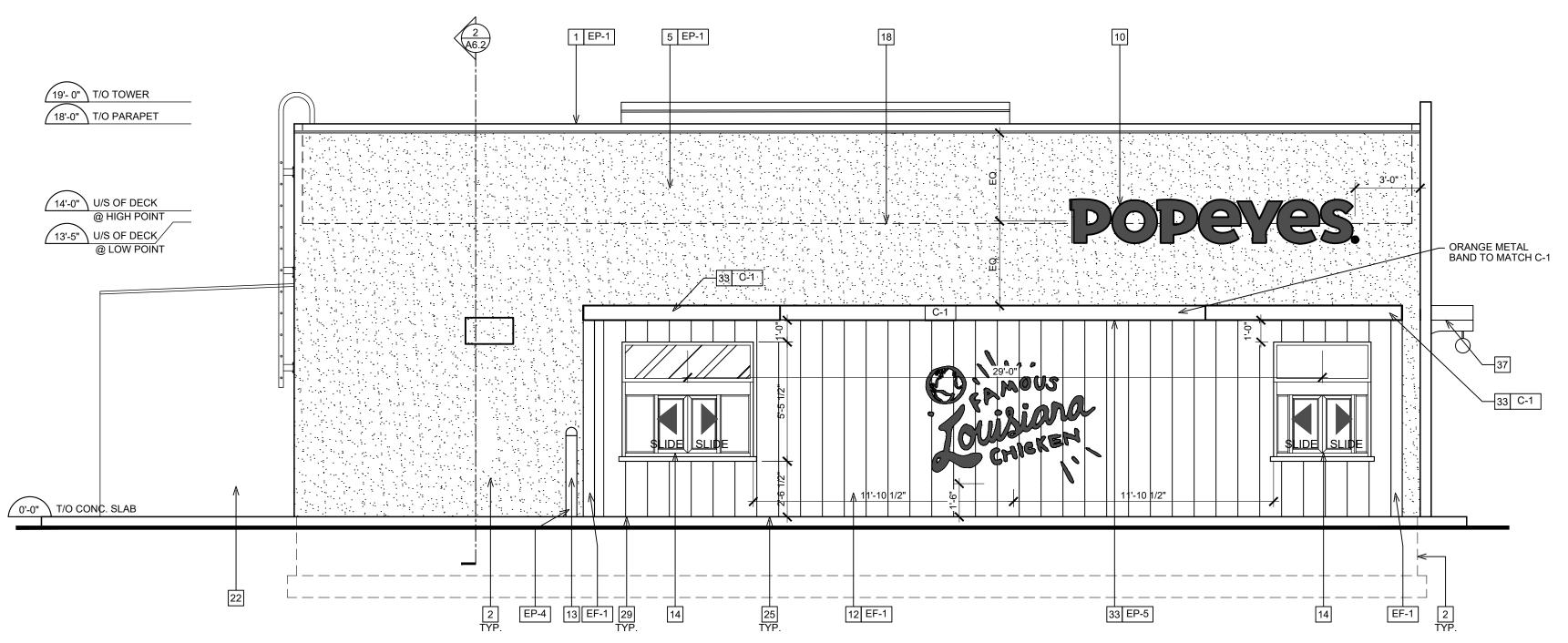
1517 NC 24-87 CAMERON, NC

ROOF DETAILS

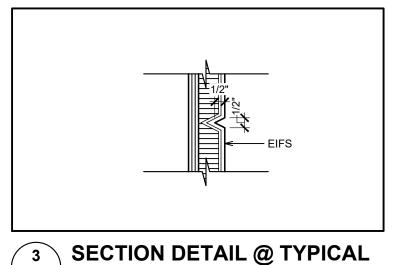
Drawn	Checked
SH	AL
Scale	Date
1/4"=1'-0"	JUNE 2023
Project No.	Drawing No.
C22-129	A4.1



PROPOSED FRONT ELEVATION SCALE: 1/4"=1' - 0"



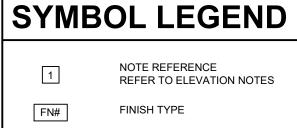




EIFS REVEAL

A5 SCALE: 2½"=1'-0"

1. SEALANT / CAULKING AROUND DOOR / WINDOW FRAMES. COLOUR: TO MATCH WINDOW / DOOR FRAMES. 2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND FOLLOW ALL DRAWINGS AND SPECIFICATIONS.



EXTERIOR ELEVATION NOTES

1 PRE-FINISHED METAL CAP FLASHING C/W DRIP.

- 2 G.C TO PROVIDE AND INSTALL DOUBLE LAYER OF REINFORCING MESH TO MIN. 2'-2" ABOVE GRADE AT ALL EIFS LOCATIONS (TYP.) II ORDER TO ATTAIN ABUSE RESISTANCE STUCCO SYSTEM.
- 3 NICHIHA VINTAGEBRICK, COLOR: ALEXANDRIA BUFF. REFER TO POPEYES MASTER SCHEDULE.
- 4 NICHIHA VINTAGEBRICK, COLOR: WHITE WASH. REFER TO POPEYES MASTER SCHEDULE.
- 5 EIFS. REFER TO POPEYES MASTER SCHEDULE.
- 6 PRE-FINISHED 'BLACK ANODIZED' ALUMINUM STOREFRONT SYSTEM WITH INSULATED GLAZING.
- 7 EXPOSED FOUNDATION TO BE PARGED AND FREE OF IMPERFECTIONS.
- 8 N/A.
- 9 REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALL AND FOOTING DETAILS.
- 10 INTERNALLY ILLUMINATED BUILDING SIGNAGE PROVIDED AND INSTALLED BY SIGN COMPANY. G.C TO PROVIDE AND INSTALL $rac{3}{4}$ " EXTERIOR GRADE PRESSURE TREATED PLYWOOD BACKING AND ALL FINAL ELECTRICAL CONNECTION. SIGN MANUFACTURER SHALL OBTAIN STRUCTURALLY SEALED DRAWINGS AND SIGNAGE PERMITS FROM THE CITY BASED ON LOCAL REQUIREMENTS. G. SHALL VERIFY ACTUAL LOCATION & SIZE OF SIGNS WITH SIGN MANUFACTURER'S APPROVED DRAWINGS AND COORDINATE LOCATIONS OF BLOCKING AND UTILITIES. G.C TO COORDINATE WITH SIGN INSTALLER TO USE VHM DRILL BIT WHILE DRILLING FOR ELECTRICAL FEED LINES AND SIGNAGE FASTENERS. ALL ELEMENTS PROVIDED BY SIGNAGE FABRICATOR TO BE REVIEWED AND APPROVED BY POPEYES PRIOR TO PRODUCTION
- NON-ILLUMINATED BUILDING SIGNAGE PROVIDED AND INSTALLED BY SIGN COMPANY. G.C TO PROVIDE AND INSTALL 🐉 EXTERIOR GRADE PRESSURE TREATED PLYWOOD BACKING.. SIGN MANUFACTURER SHALL OBTAIN STRUCTURALLY SEALED DRAWINGS AND SIGNAGE PERMITS FROM THE CITY BASED ON LOCAL REQUIREMENTS. G.C SHALL VERIFY ACTUAL LOCATION & SIZE OF SIGNS WITH SIGN MANUFACTURER'S APPROVED DRAWINGS AND COORDINATE LOCATIONS OF BLOCKING AND UTILITIES. G.C TO COORDINATE WITH SIGN INSTALLER TO USE VHM DRILL BIT WHILE DRILLING FOR ELECTRICAL FEED LINES AND SIGNAGE FASTENERS. ALL ELEMENTS PROVIDED BY SIGNAGE FABRICATOR TO BE REVIEWED AND APPROVED BY POPEYES PRIOR TO PRODUCTION
- 12 NICHIHA VINTAGE WOOD, COLOR: CEDAR. REFER TO POPEYES MASTER SCHEDULE.
- 13 PROVIDE & INSTALL 6" DIAMETER STEEL PIPE BOLLARD TOP AT 4'-6" A.F.F. G.C. TO PAINT "SAFETY YELLOW". REFER TO POPEYES MASTER SCHEDULE.
- 14 DRIVE-THRU WINDOW. REFER TO DRIVE-THRU WINDOW SCHEDULE ON SHEET A11.
- 15 TEAL PRE FINISHED METAL BANDING
- PRE-FINISHED GALVANIZED STEEL DOWNSPOUT & COLLECTOR BOX. G.C. TO COORDINATE WITH CIVIL ENGINEERS TO CONFIRM IF DOWNSPOUTS ARE SPLASHING ON CONCRETE PAD OR TIED TO THE STORM SEWER LINE. REFER TO MECHANICAL DRAWINGS.
- 17 CANTILEVERED BLACK CANOPY
- 18 DASHED LINE INDICATES T/O OF ROOF BEHIND PARAPET.
- 19 C/T CABINET AND METER.
- 20 LINE OF PARAPET WALLS BEYOND.
- 21 GENERAL PURPOSE EXTERIOR LIGHTING FIXTURES.
- 22 WALK-IN COOLER/FREEZER FINISH TO BE COMPLETED BY MANUFACTURER.
- METAL RAILING SUPPLIED AND INSTALLED BY G.C (ONLY IF REQUIRED). ARCHITECT TO COORDINATE WITH CIVIL ENGINEER ON THE SITE PLAN. PAINT FINISH 'BLACK'.
- PRE-FINISHED GALVANIZED STEEL DOWNSPOUT & COLLECTOR BOX. G.C. TO COORDINATE CIVIL ENGINEERS TO CONFIRM IF DOWNSPOUTS ARE SPLASHING ON CONCRETE PAD OR TIED TO THE STORM SEWER LINE. REFER TO MECHANICAL DRAWINGS.
- 25 ALL BASE FLASHING TO MATCH ADJACENT MATERIAL COLORS.
- 26 HOSE BIB. G.C. TO PAINT. COLOUR TO MATCH ADJACENT STUCCO COORDINATE EXACT LOCATION WITH G.C. REFER TO MECHANICAL DRAWINGS.
- 27 1/2" X 1/2" REVEAL LINE IN STUCCO FINISH. REFER TO DETAIL 3/A5.
- 28 DECORATIVE PANELS SUPPLY AND INSTALL BY SIGN COMPANY.
- G.C TO PROVIDE CONCRETE CURB ALONG DRIVE-THRU LANE. CURB TO PROJECT 8" FROM FACE OF PANELS AND LENGTH OF CURB IS EXTENT OF FEATURE WALL.
- 30 MURAL GRAPHIC SUPPLY AND INSTALL BY SIGN COMPANY.
- 31 REAR EXIT DOOR TO BE PAINT WHITE.
- 32 WALL SCONCE SUPPLY AND INSTALL BY SIGN COMPANY.
- 33 PRE-FABRICATED CANOPIES W/ PRE-WIRED RECESSED LIGHTS ABOVE DRIVE-THRU SUPPLY BY SIGN COMPANY AND INSTALL BY G.C. ALL CANOPIES IN WALL SUPPORT BY G.C. REFER TO STRUCTURAL DRAWINGS
- 34 VERTICAL SIMULATED WOOD SLATS. REFER TO POPEYES MASTER SCHEDULE
- 35 WALL SCONCE LIGHTING. REFER TO ELECTRICAL SCHEDULE.
- 36 CONCRETE SIDEWALK (BY G.C). REFER TO SITE PLAN.
- HORIZONTAL WOOD GRAIN ENTRANCE CANOPY W/ TEAL VERTICAL & HORIZONTAL SUPPORTS SUPPLY BY SIGN COMPANY AND INSTALL BY G.C. PRE-WIRED LED LIGHT GLOBE FIXTURE.

EXTERIOR ELEVATIONS GENERAL NOTES

- PURCHASE OF WHITE/RED BRICK AND WOOD GRAIN SLATS TO BE PURCHASED VIA RESPECTIVE VENDOR (NICHIHA OR EQUAL) WOOD GRAIN TOWER TO BE PURCHASED EITHER DIRECTLY (VIA B+N) OR PROVIDED BY SIGNAGE COMPANY
- ANY DEVIATIONS MUST BE SUBMITTED AS AN EXCEPTION REQUEST ALL PARAPETS SHALL BE PAINTED ACCORDING TO THE FACADE COLOR, IF FACADE COLOR IS WHITE, PARAPET SHALL BE
- WHITE. IF FACADE IS RED BRICK, PARAPET SHALL BE PAINTED BROWN ALL EXTERIOR GLASS DOORS TO BE ORANGE COLORY
- REFERENCE LATEST FINISH SCHEDULE IN THE DESIGN PORTAL IN A REGULAR BASIS
- ALL CANOPIES TO BE TEAL, EXCEPT AT DRIVE THRU WINDOW ALL EXTERIOR GLASS DOORS TO BE ORANGE COLOR

ISSUE	TABLE		
No.	Date (mm/dd/yy)	Description	

REVISIONS

No.	Date	Description
1	8/01/2023	RESPONSE TO CITY
2	9/04/2023	HEALTH COMMENTS
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DRAWINGS REVISED AS PER DESIGN BULLETIN

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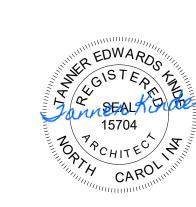


9.14.2023

PROJECT NORTH

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Company Logo



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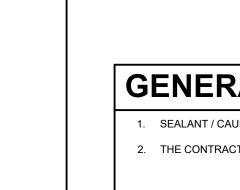


US 2112 PROTOTYPE

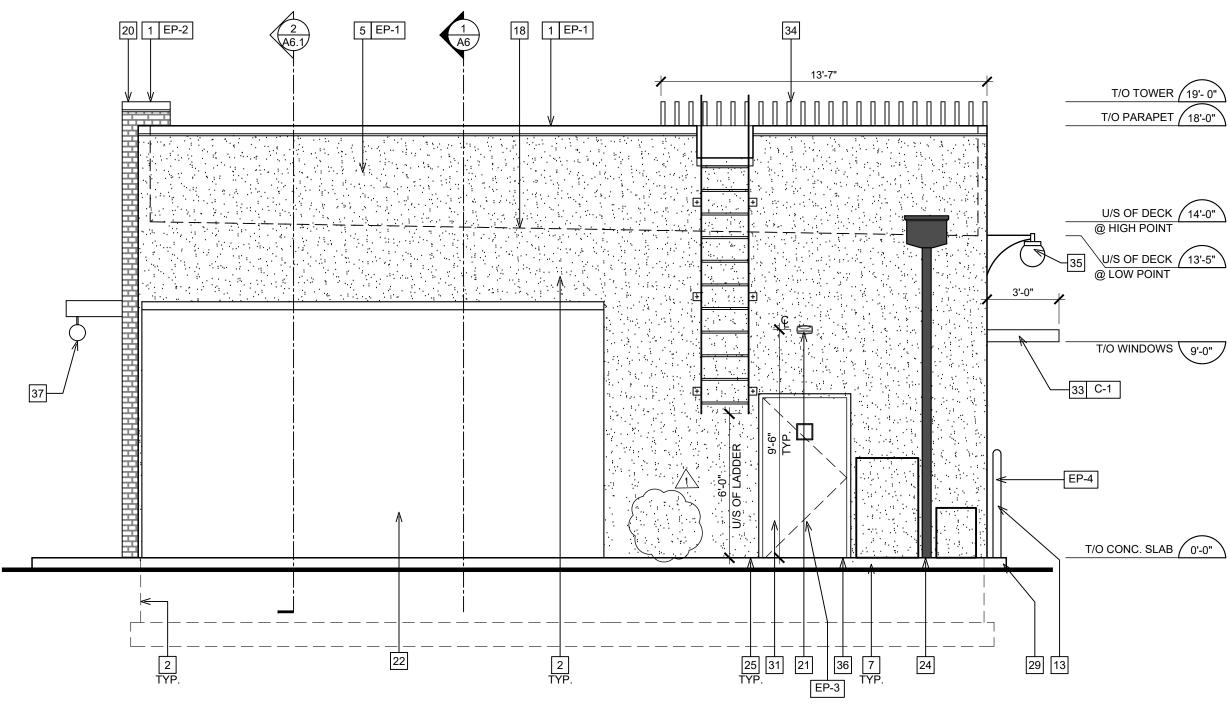
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EXTERIOR ELEVATIONS

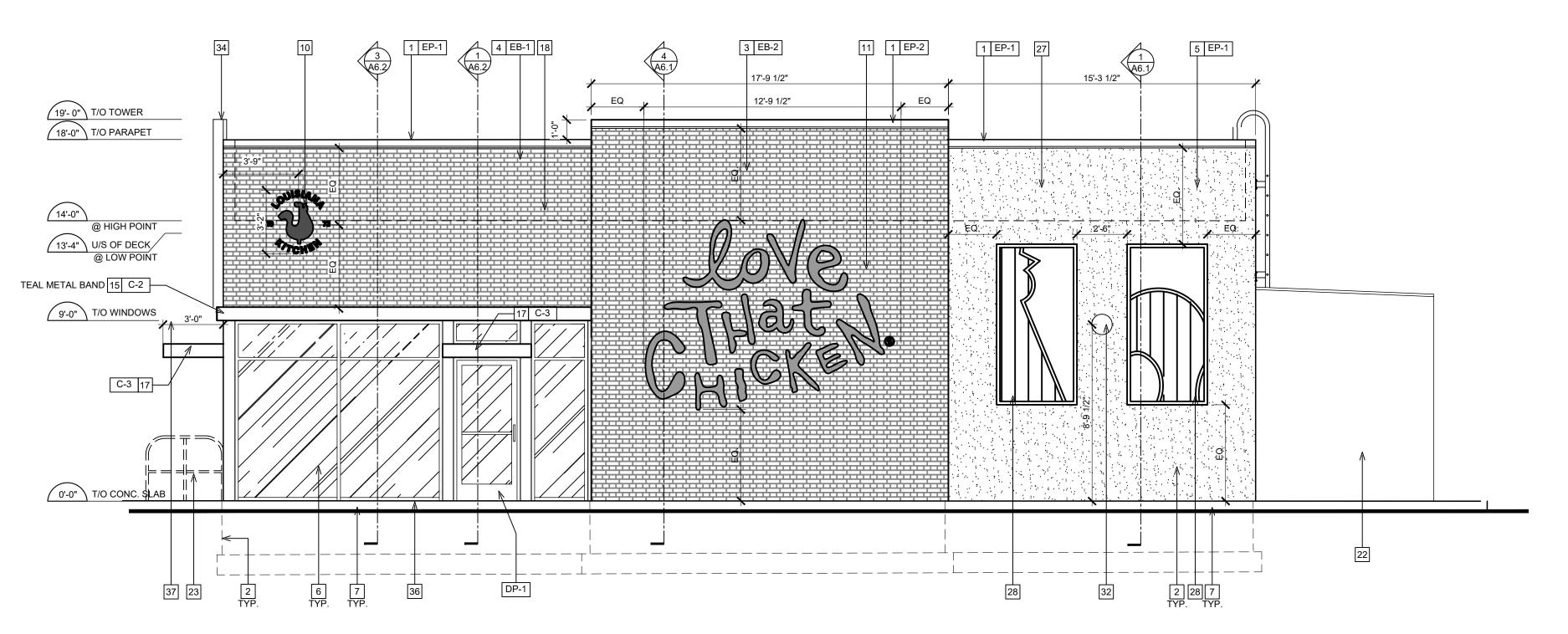
Drawn	Checked
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1/4"=1'-0"	JUNE 2023
Project No.	Drawing No.
C22-129	A5



GENERAL NOTES



PROPOSED REAR ELEVATION **A5** / SCALE: 1/4"=1' - 0"



PROPOSED SIDE ELEVATION

A5.1 SCALE: 1/4"=1' - 0"

GENERAL NOTES

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- 2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND FOLLOW ALL DRAWINGS AND SPECIFICATIONS.

SYMBOL LEGEND NOTE REFERENCE REFER TO ELEVATION NOTES

FINISH TYPE

FN#

EXTERIOR ELEVATION NOTES

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- REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALL AND FOOTING DETAILS.
- 10 INTERNALLY ILLUMINATED BUILDING SIGNAGE PROVIDED AND INSTALLED BY SIGN COMPANY. G.C TO PROVIDE AND INSTALL 3" EXTERIOR GRADE PRESSURE TREATED PLYWOOD BACKING AND ALL FINAL ELECTRICAL CONNECTION. SIGN MANUFACTURER SHALL OBTAIN STRUCTURALLY SEALED DRAWINGS AND SIGNAGE PERMITS FROM THE CITY BASED ON LOCAL REQUIREMENTS. G.C SHALL VERIFY ACTUAL LOCATION & SIZE OF SIGNS WITH SIGN MANUFACTURER'S APPROVED DRAWINGS AND COORDINATE LOCATIONS OF BLOCKING AND UTILITIES. G.C TO COORDINATE WITH SIGN INSTALLER TO USE VHM DRILL BIT WHILE DRILLING FOR ELECTRICAL FEED LINES AND SIGNAGE FASTENERS. ALL ELEMENTS PROVIDED BY SIGNAGE FABRICATOR TO BE REVIEWED AND APPROVED BY POPEYES PRIOR TO PRODUCTION
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- 26 HOSE BIB. G.C. TO PAINT. COLOUR TO MATCH ADJACENT STUCCO COORDINATE EXACT LOCATION WITH G.C. REFER TO MECHANICAL DRAWINGS.
- 27 $\frac{1}{2}$ $\frac{1}{2}$ x $\frac{1}{2}$ REVEAL LINE IN STUCCO FINISH. REFER TO DETAIL 3/A5.
- 28 DECORATIVE PANELS SUPPLY AND INSTALL BY SIGN COMPANY.
- G.C TO PROVIDE CONCRETE CURB ALONG DRIVE-THRU LANE. CURB TO PROJECT 8" FROM FACE OF PANELS AND LENGTH OF CURB IS EXTENT OF FEATURE WALL.
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- 31 REAR EXIT DOOR TO BE PAINT WHITE.
- 32 WALL SCONCE SUPPLY AND INSTALL BY SIGN COMPANY.
- PRE-FABRICATED CANOPIES W/ PRE-WIRED RECESSED LIGHTS ABOVE DRIVE-THRU SUPPLY BY SIGN COMPANY AND INSTALL BY G.C. ALL CANOPIES IN WALL SUPPORT BY G.C. REFER TO STRUCTURAL DRAWINGS.
- 34 VERTICAL SIMULATED WOOD SLATS. REFER TO POPEYES MASTER SCHEDULE.
- 35 WALL SCONCE LIGHTING. REFER TO ELECTRICAL SCHEDULE.
- 36 CONCRETE SIDEWALK (BY G.C). REFER TO SITE PLAN.
- 37 HORIZONTAL WOOD GRAIN ENTRANCE CANOPY W/ TEAL VERTICAL & HORIZONTAL SUPPORTS SUPPLY BY SIGN COMPANY AND INSTALL BY G.C. PRE-WIRED LED LIGHT GLOBE FIXTURE.

EXTERIOR GENERAL NOTES

- PURCHASE OF WHITE/RED BRICK AND WOOD GRAIN SLATS TO BE PURCHASED VIA RESPECTIVE VENDOR (NICHIHA OR EQUAL)
- WOOD GRAIN TOWER TO BE PURCHASED EITHER DIRECTLY (VIA B+N) OR PROVIDED BY SIGNAGE COMPANY ANY DEVIATIONS MUST BE SUBMITTED AS AN EXCEPTION REQUEST ALL PARAPETS SHALL BE PAINTED ACCORDING TO THE FACADE COLOR, IF FACADE COLOR IS WHITE, PARAPET SHALL BE
- WHITE. IF FACADE IS RED BRICK, PARAPET SHALL BE PAINTED BROWN
- PLEASE MAKE SURE TO REFERENCE LATEST FINISH SCHEDULE IN THE DESIGN PORTAL IN A REGULAR BASIS ALL CANOPIES TO BE TEAL, EXCEPT AT DRIVE THRU WINDOW
- ALL EXTERIOR GLASS DOORS TO BE ORANGE COLOR

ISSUE	TABLE								
No.	Date (mm/dd/yy)	Description							

REVISIONS

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No.	Date	Description
1	8/01/2023	RESPONSE TO CITY
2	9/04/2023	HEALTH COMMENTS
3	9/12/2023	RESPONSE TO CITY
4	9/12/2023	HEALTH COMMENTS

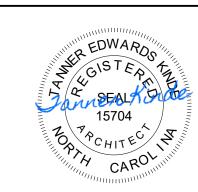
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No.	Date	Description



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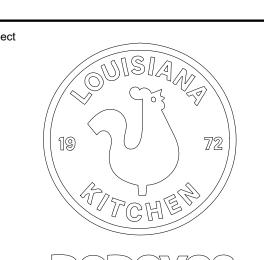


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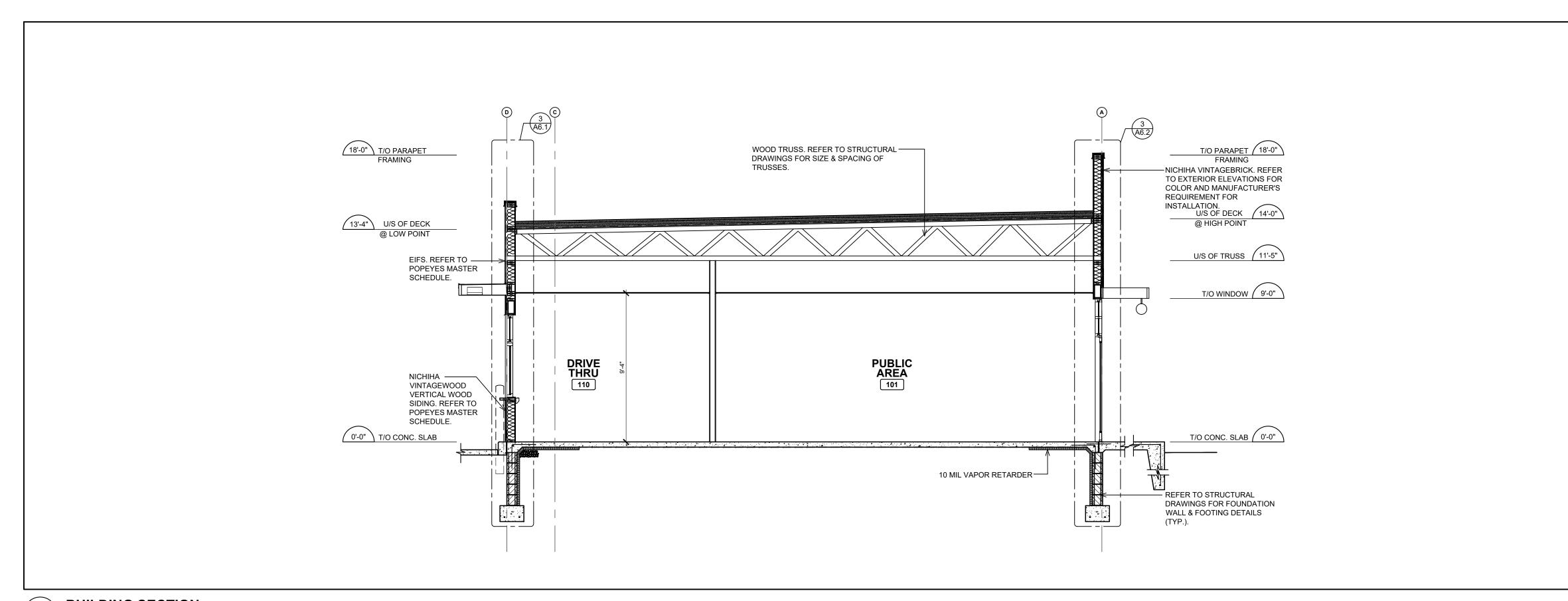
US 2112 PROTOTYPE

2112-21

1517 NC 24-87 CAMERON, NC

EXTERIOR ELEVATIONS

JUNE 2023 Project No. A5.1 C22-129



NOTE:

CONTINUE GYPSUM BOARD TO U/S OF DECK & BETWEEN TRUSSES AT EXTERIOR WALLS (TYP.).

13301	TABLE									
No.	Date (mm/dd/yy)	Description								
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REVIS	SIONS									
No.	Date	Description								
1	8/01/2023	RESPONSE TO CITY								
2	9/04/2023	HEALTH COMMENTS								
3	9/12/2023	RESPONSE TO CITY								

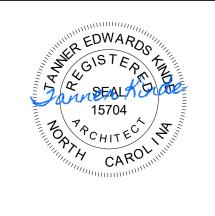
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No.	Date	Description									



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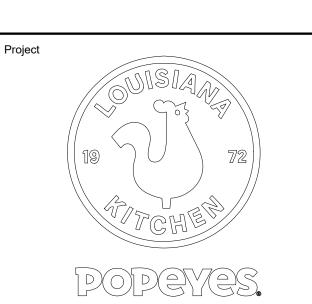


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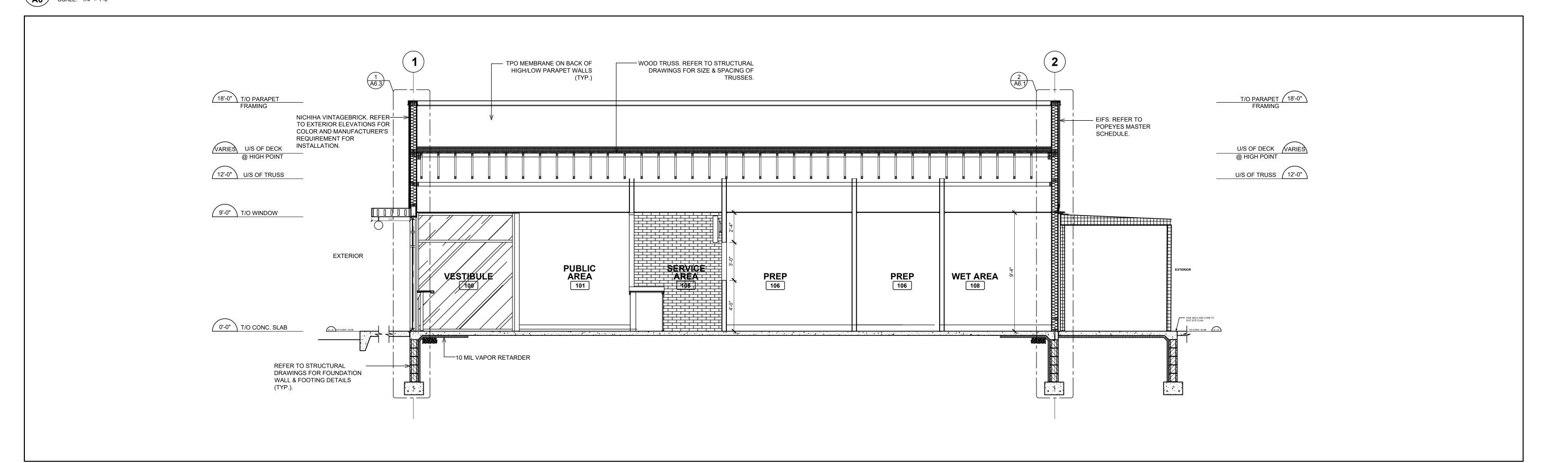
Location

1517 NC 24-87 CAMERON, NC

BUILDING SECTIONS

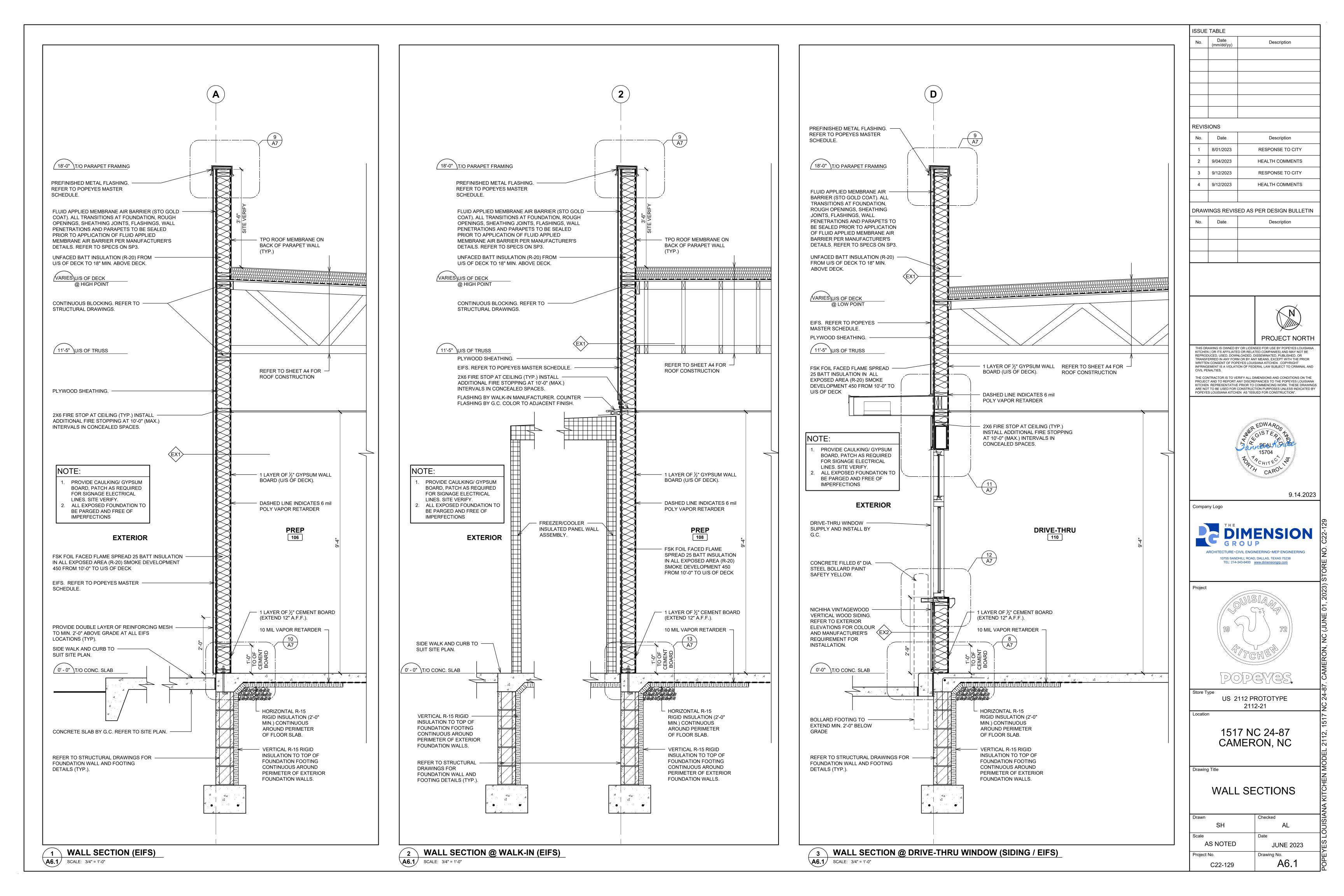
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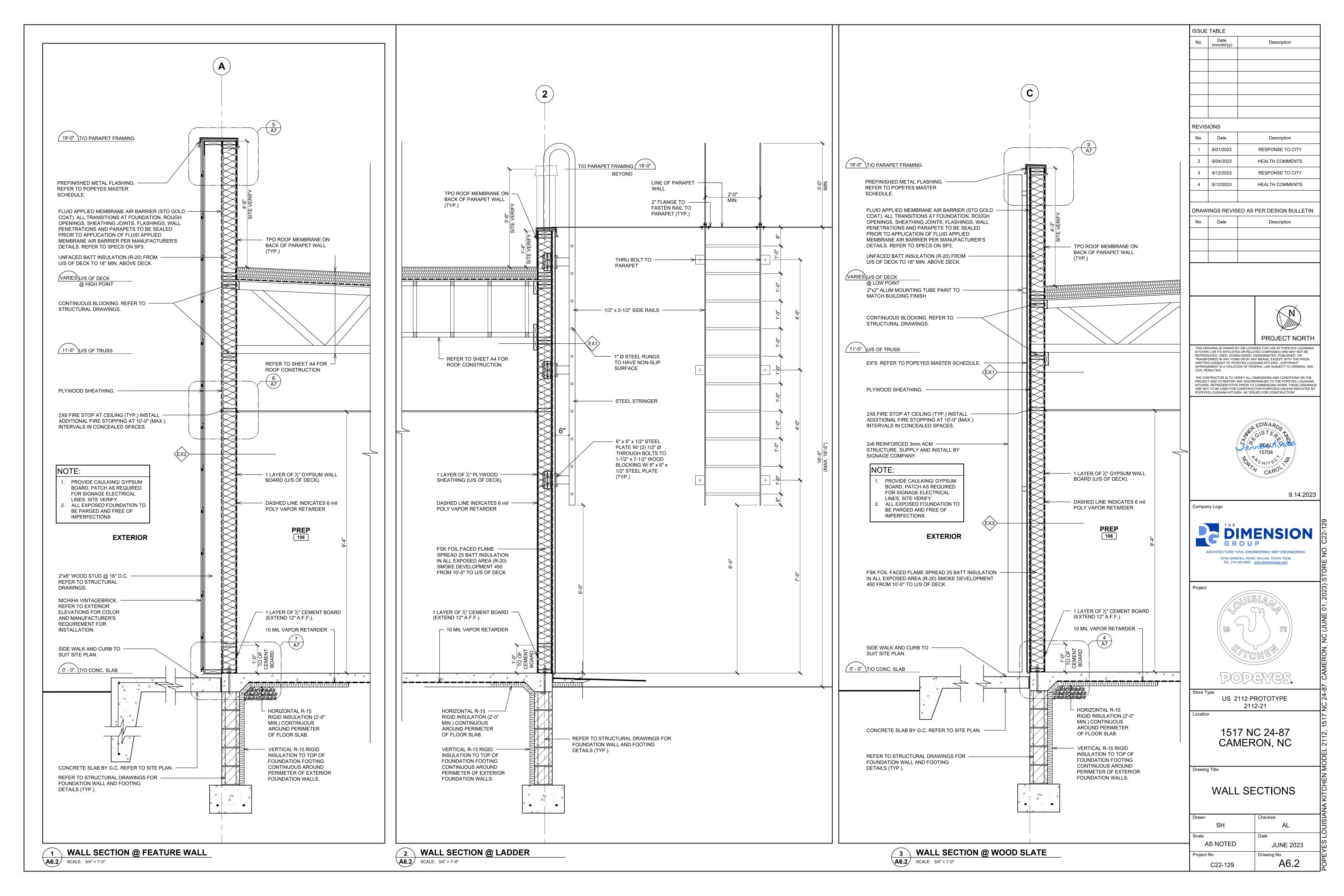
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A6 SCALE: 1/4" = 1'-0"

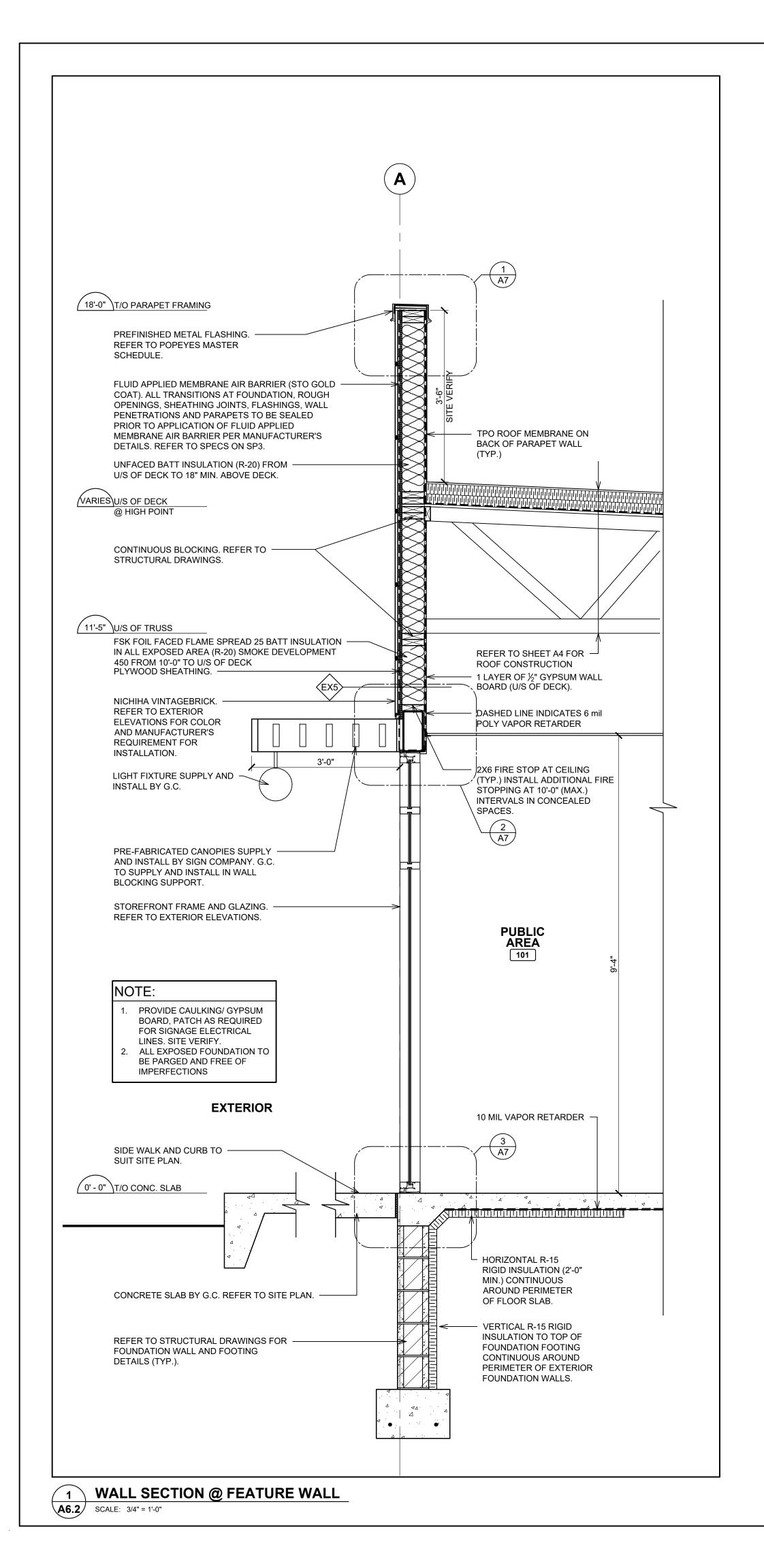


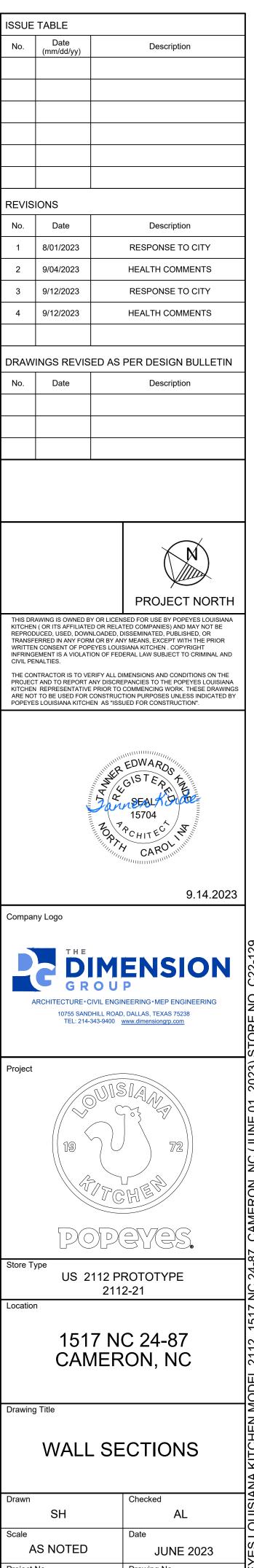
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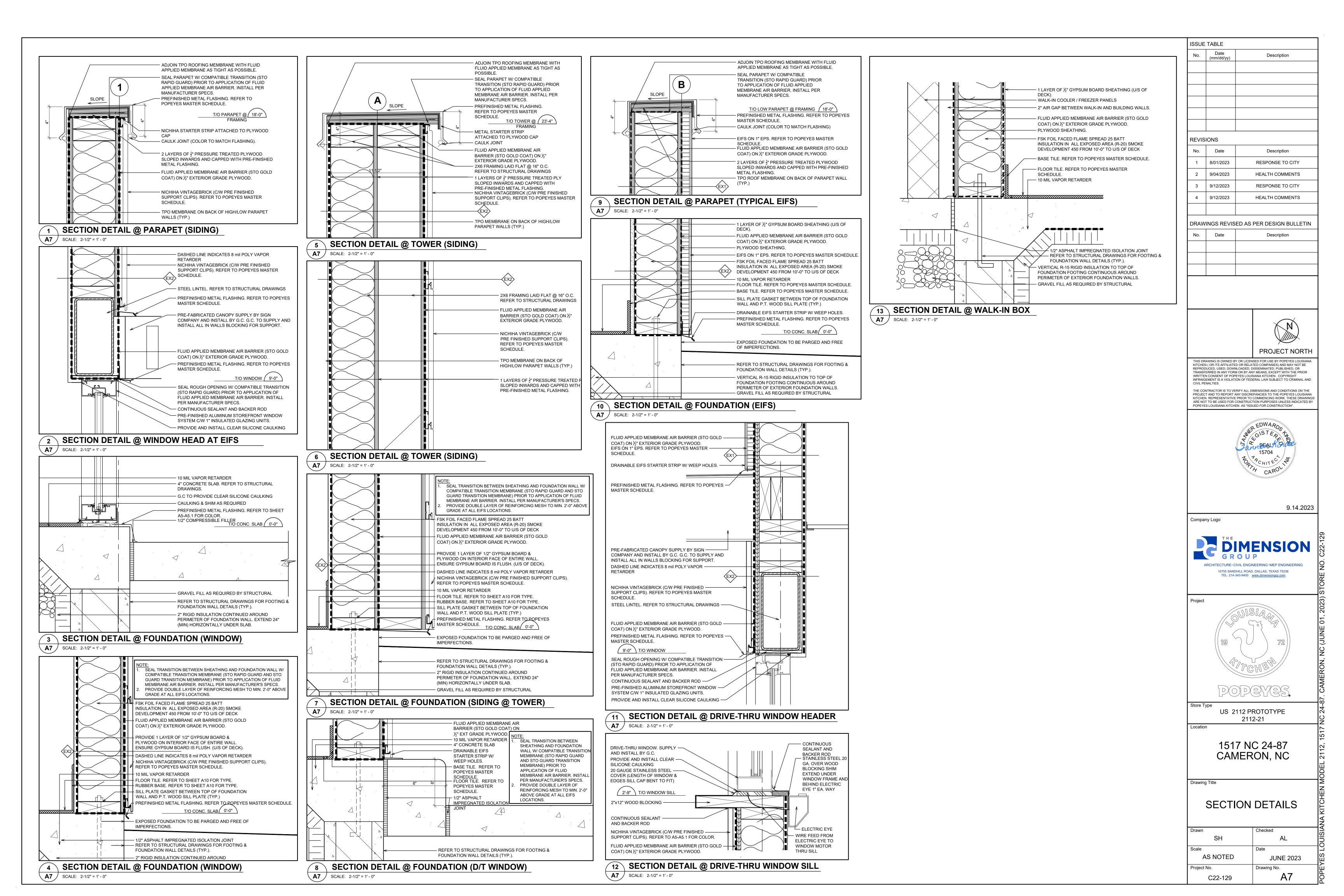


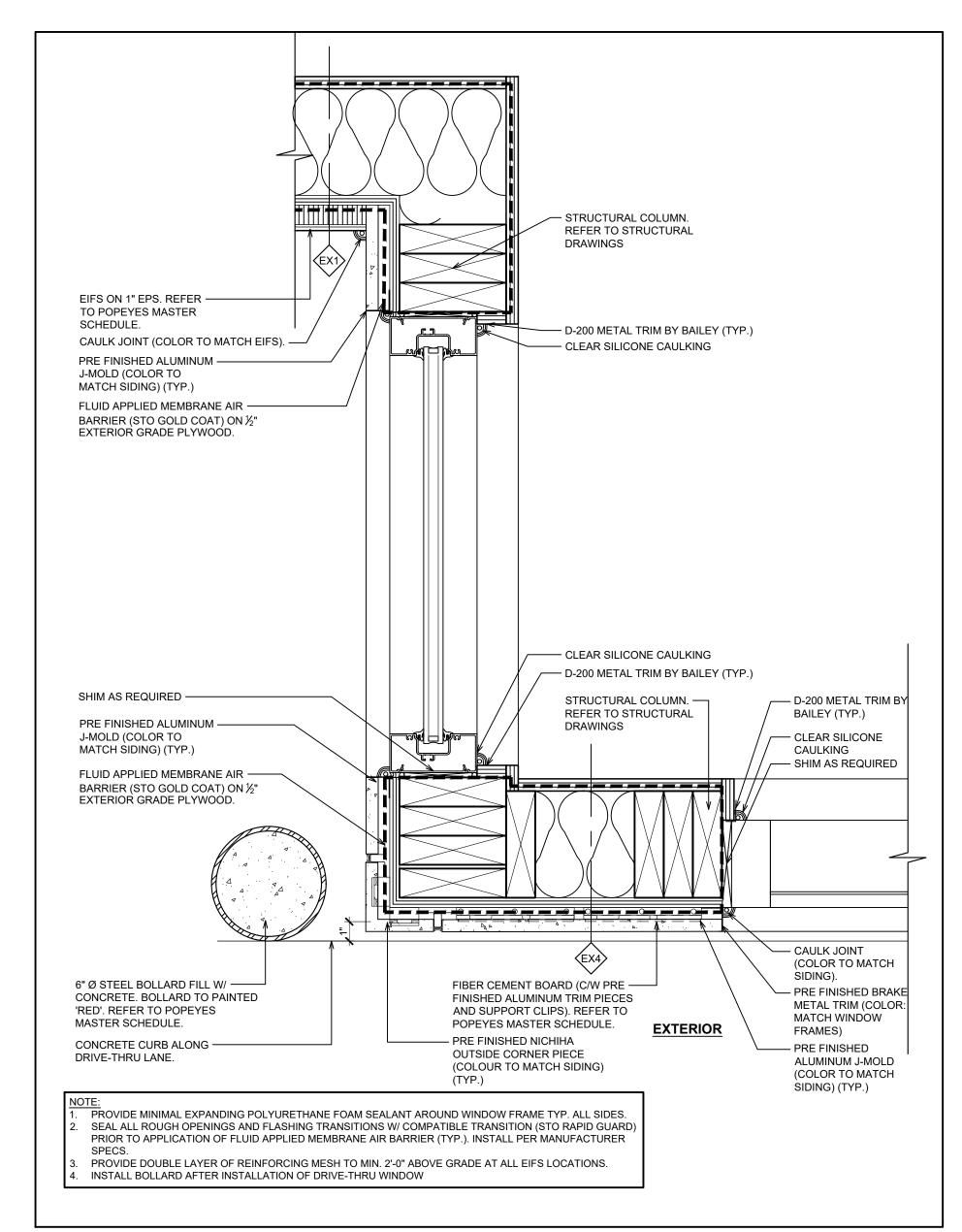


ISSUE TABLE REVISIONS 9/04/2023 3 9/12/2023 4 9/12/2023 Company Logo

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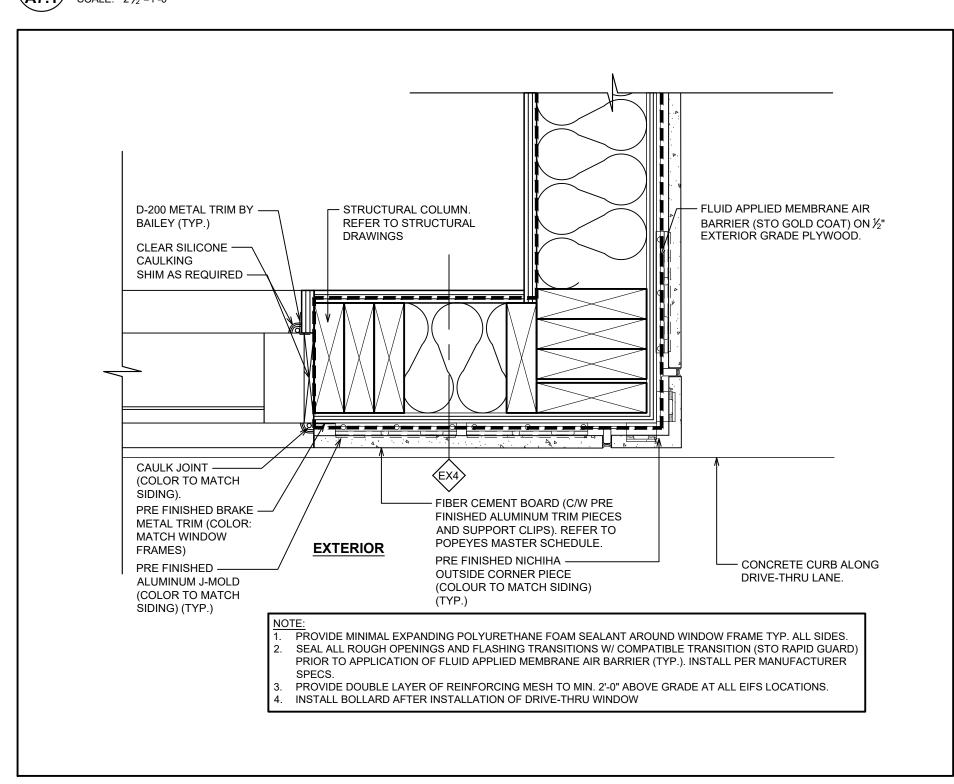


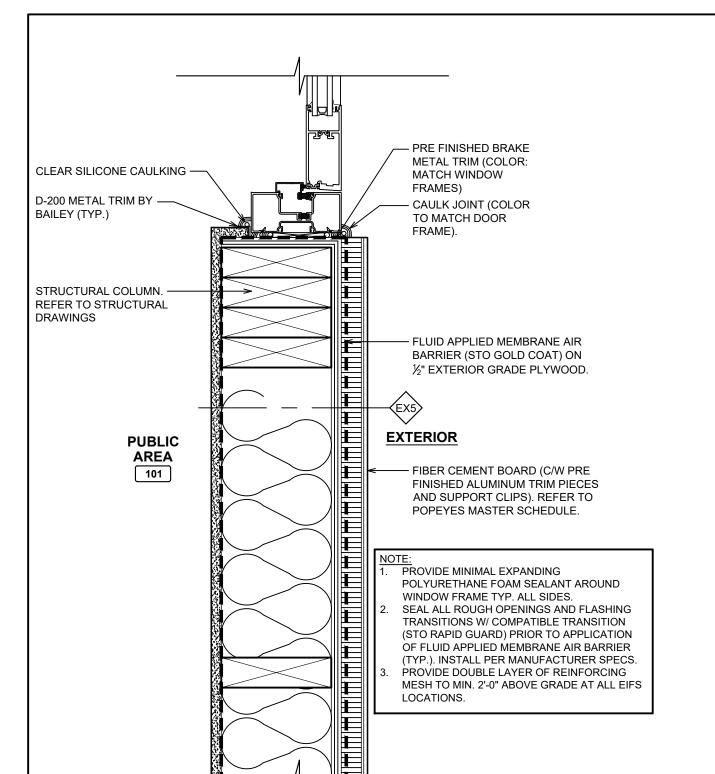
PLAN DETAIL @ DRIVE-THRU WINDOW

PLAN DETAIL @ DRIVE-THRU BUMP OUT

A7.1 SCALE: 21/2"=1'-0"

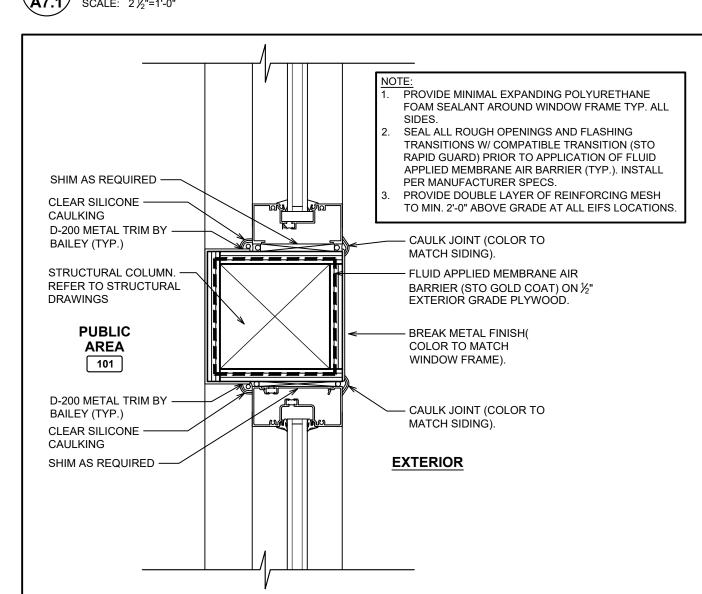
A7.1 SCALE: 2½"=1'-0"





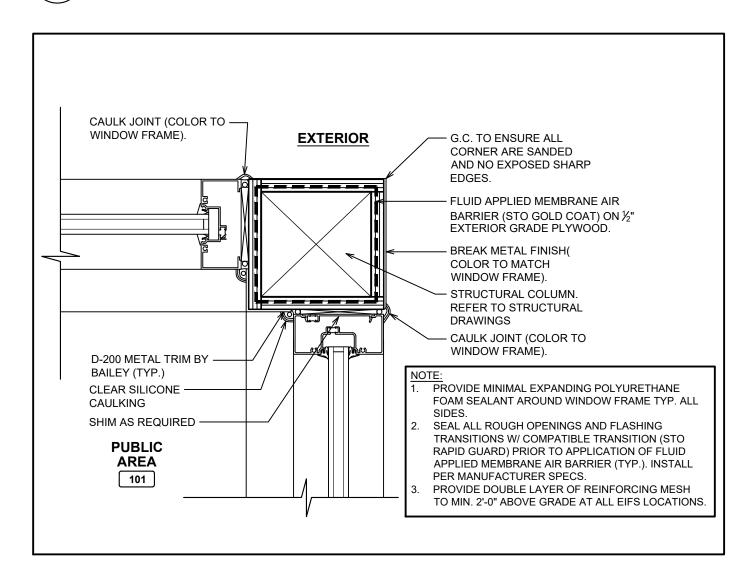
3 PLAN DETAIL @ DOOR

A7.1 SCALE: 2½"=1'-0"

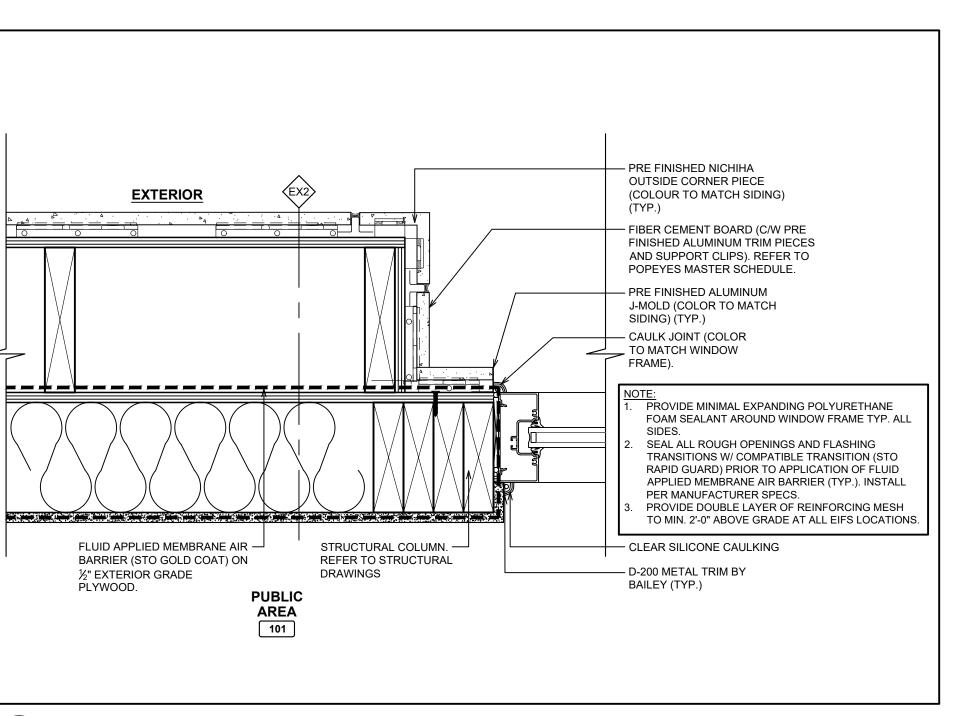


4 PLAN DETAIL @ WINDOW FRAME

A7.1 SCALE: 2½"=1'-0"

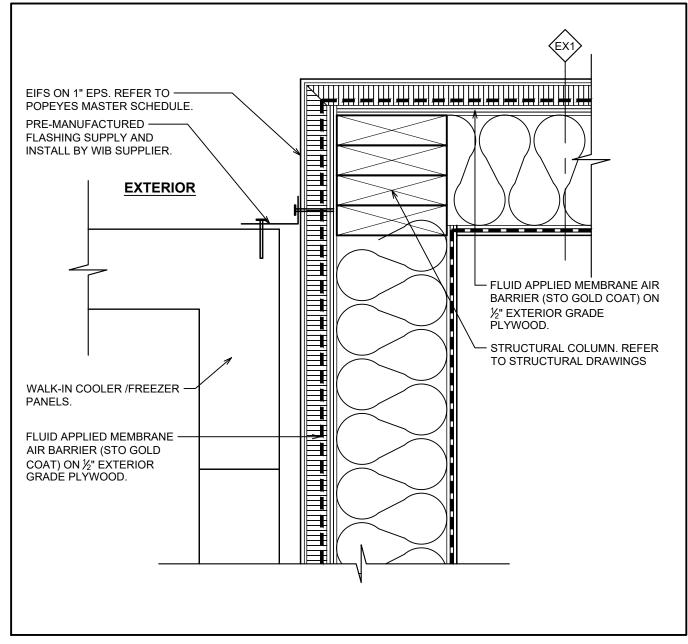


5 PLAN DETAIL @ CORNER A7.1 SCALE: 2½"=1'-0"



6 PLAN DETAIL @ TOWER

A7.1 SCALE: 2½"=1'-0"



8 PLAN DETAIL @ WALK-IN BOX

EIFS ON 1" EPS. REFER TO -POPEYES MASTER SCHEDULE. FLUID APPLIED MEMBRANE AIR BARRIER (STO GOLD COAT) ON ½" EXTERIOR GRADE PLYWOOD. - 2"x6" WOOD STUD FRAMING @ 16" STRUCTURAL COLUMN. REFER TO STRUCTURAL DRAWINGS

PUBLIC AREA - PRE FINISHED ALUMINUM J-MOLD (COLOR TO MATCH SIDING) (TYP.) - EIFS ON 1" EPS. REFER TO POPEYES MASTER SCHEDULE. FLUID APPLIED MEMBRANE AIR BARRIER (STO GOLD COAT) ON 1/3" EXTERIOR

- FIBER CEMENT BOARD (C/W PRE FINISHED ALUMINUM TRIM PIECES

AND SUPPORT CLIPS). REFER TO

POPEYES MASTER SCHEDULE.

- CAULK JOINT

SIDING).

(COLOR TO MATCH

10 PLAN DETAIL @ FINISH TRANSITION **A7.1** SCALE: 2½"=1'-0"

ISSUE TABLE Date Description REVISIONS Description 8/01/2023 RESPONSE TO CITY 9/04/2023 HEALTH COMMENTS 9/12/2023 RESPONSE TO CITY 4 9/12/2023 HEALTH COMMENTS

DRAWINGS REVISED AS PER DESIGN BULLETIN



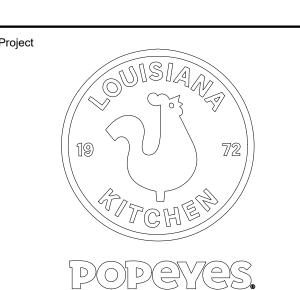
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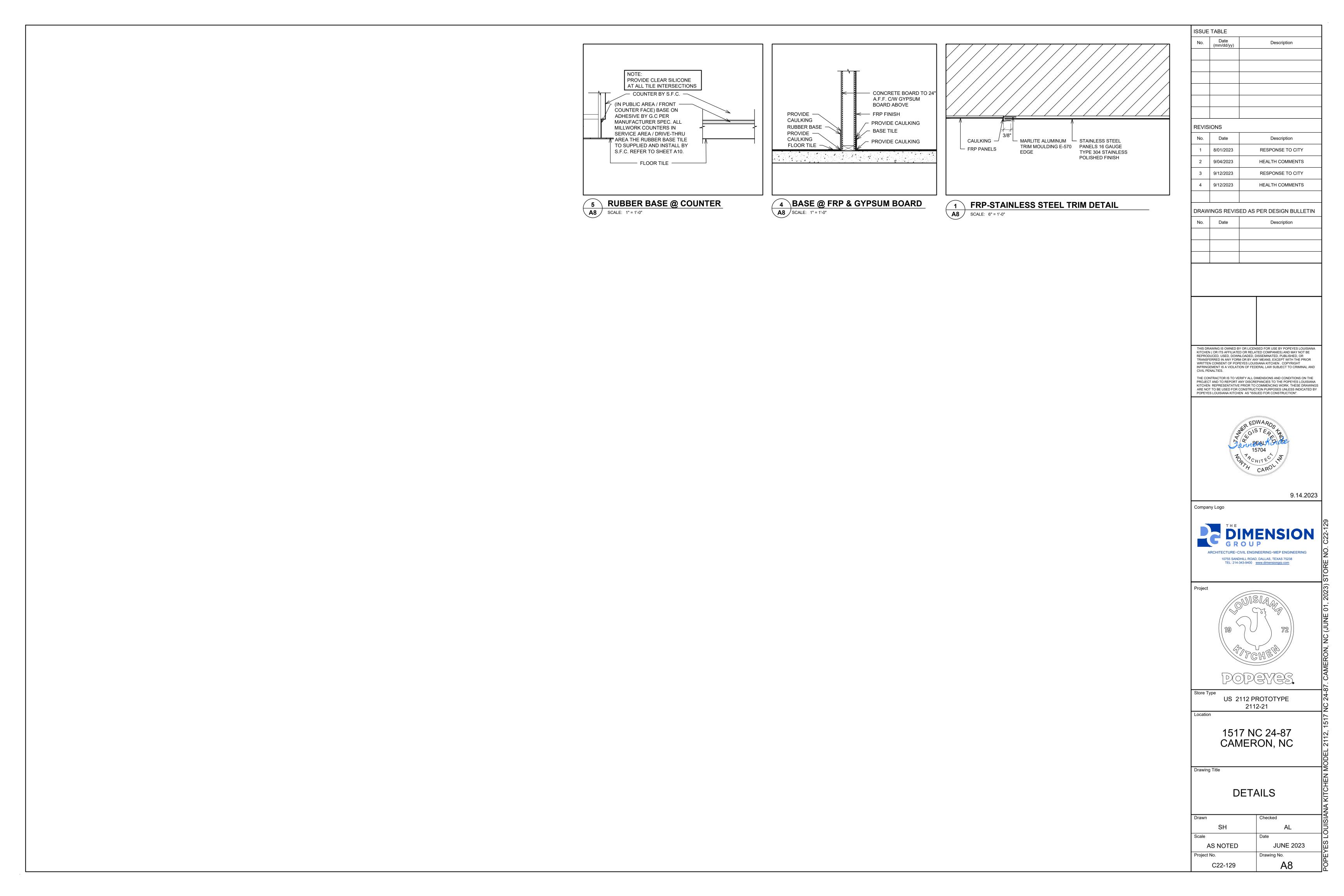
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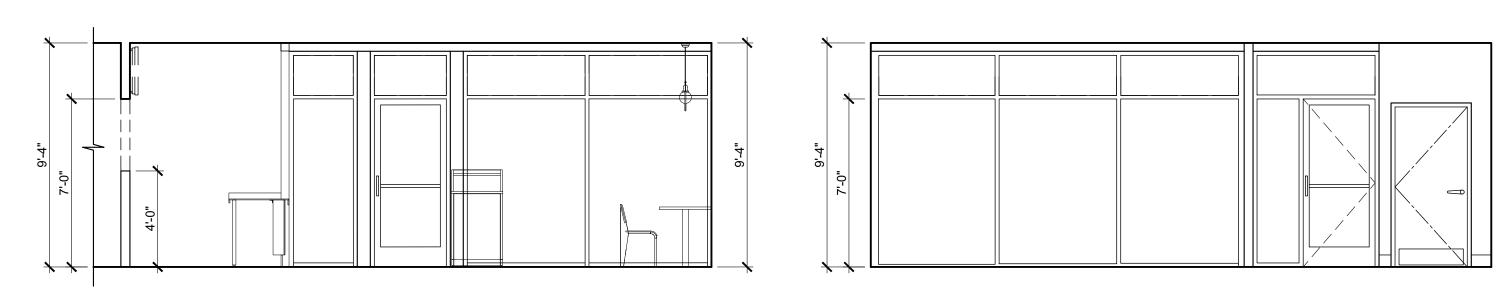
1517 NC 24-87 CAMERON, NC

PLAN DETAILS

SH AL AS NOTED **JUNE 2023** Project No. A7.1 C22-129

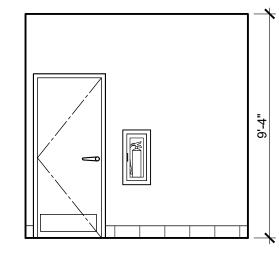
9 PLAN DETAIL @ CORNER
A7.1 SCALE: 2½"=1'-0"

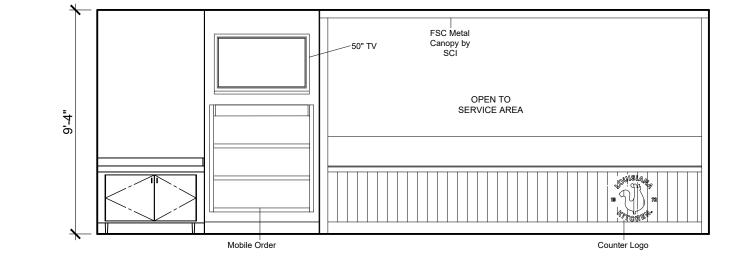






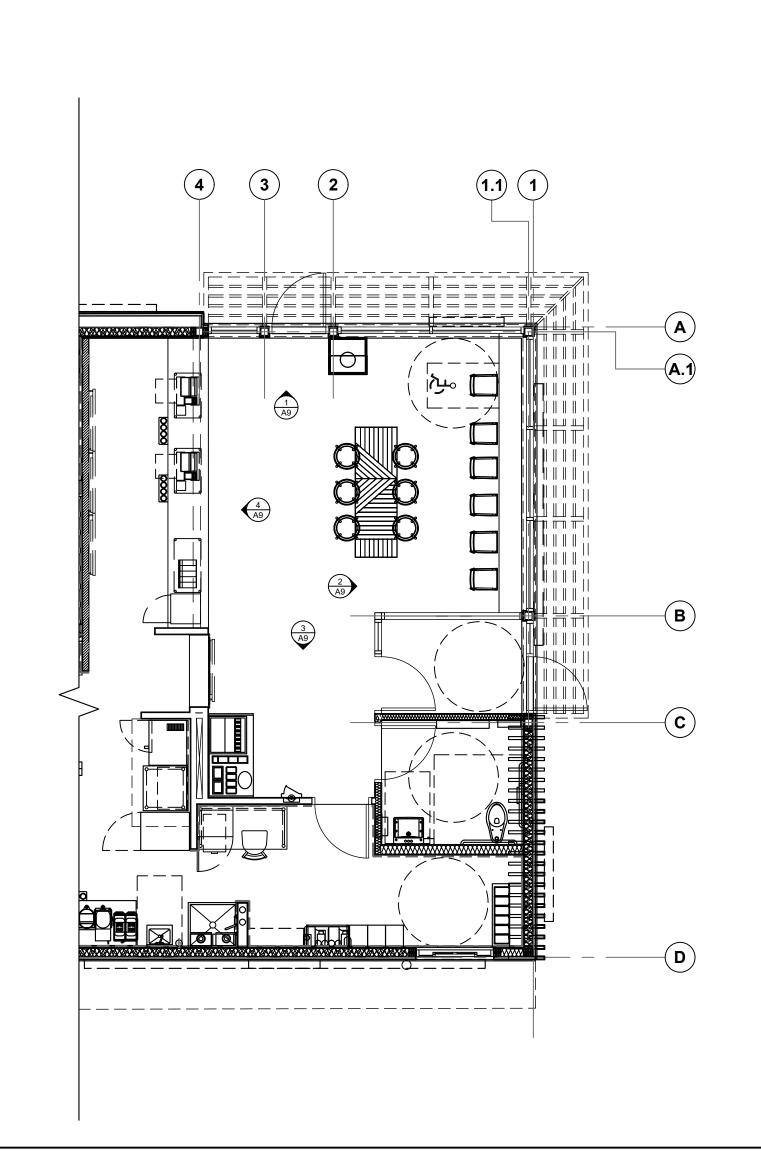




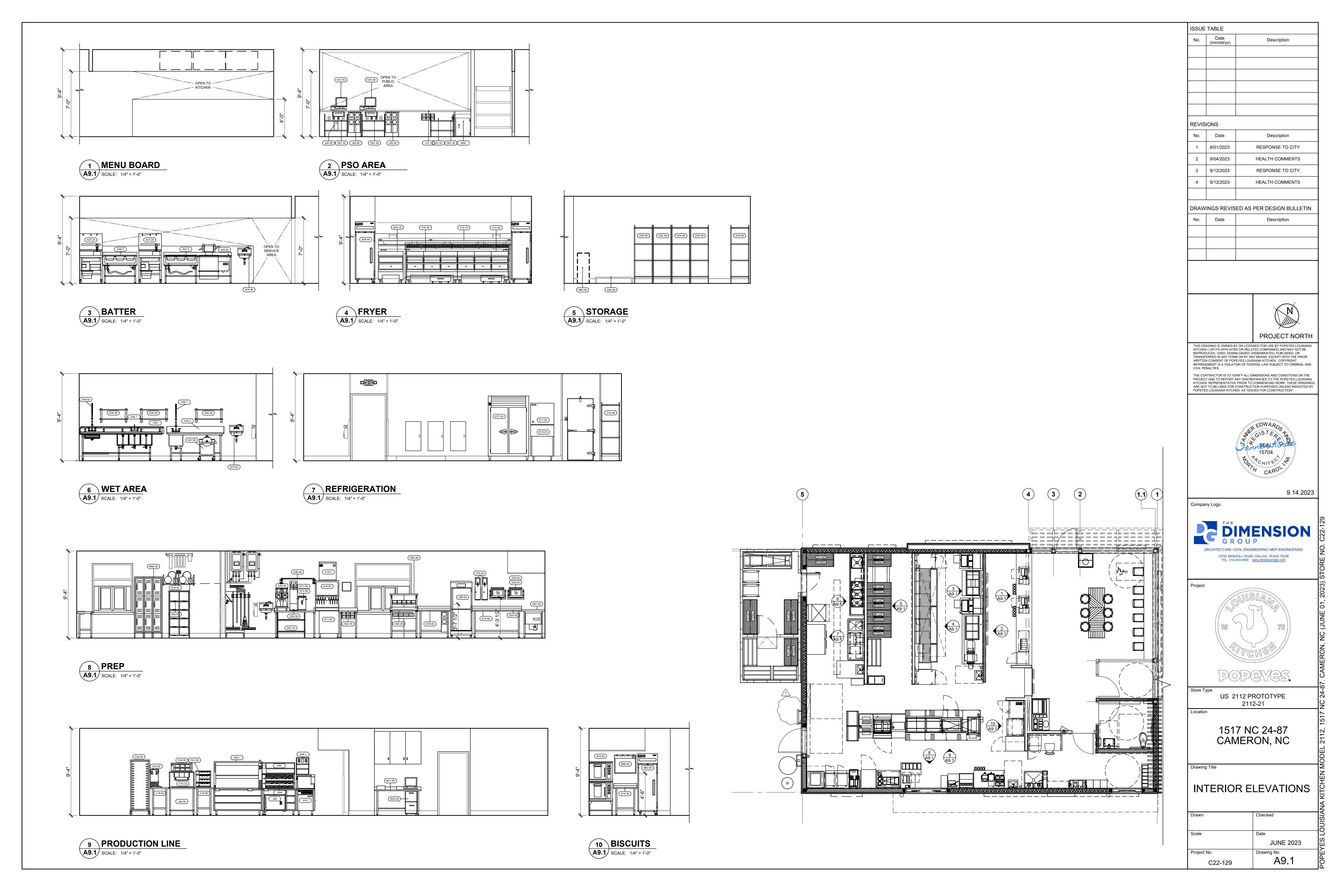


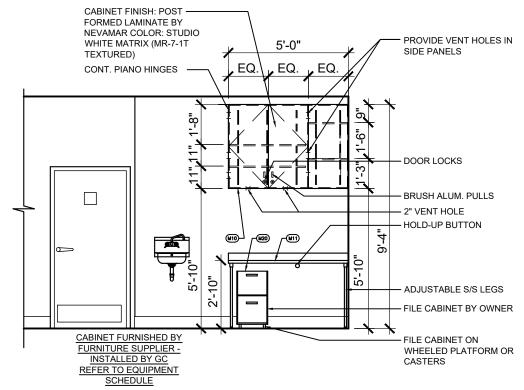






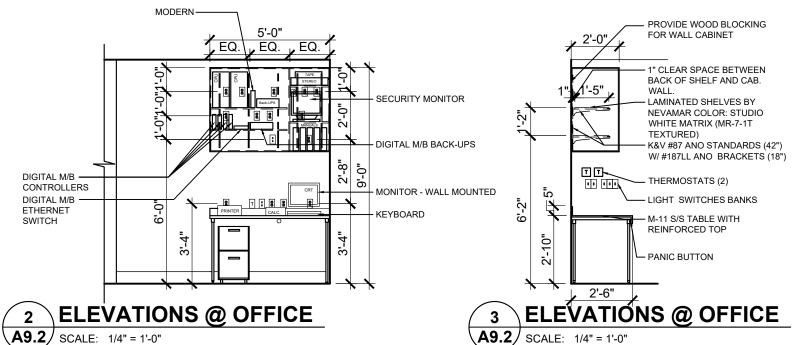




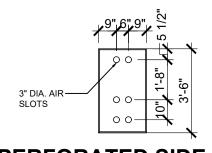


1 ELEVATIONS @ OFFICE, CABINET A9.2 SCALE: 1/4" = 1'-0"

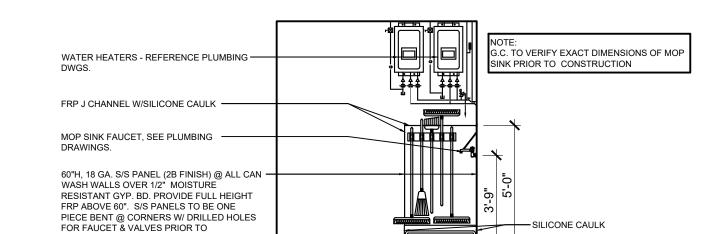




A9.2 SCALE: 1/4" = 1'-0"

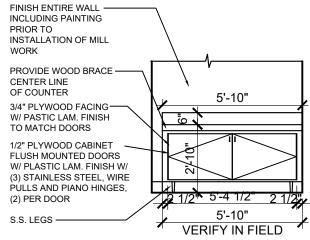


4 PERFORATED SIDE PANELS **A9.2** SCALE: 1/4" = 1'-0"

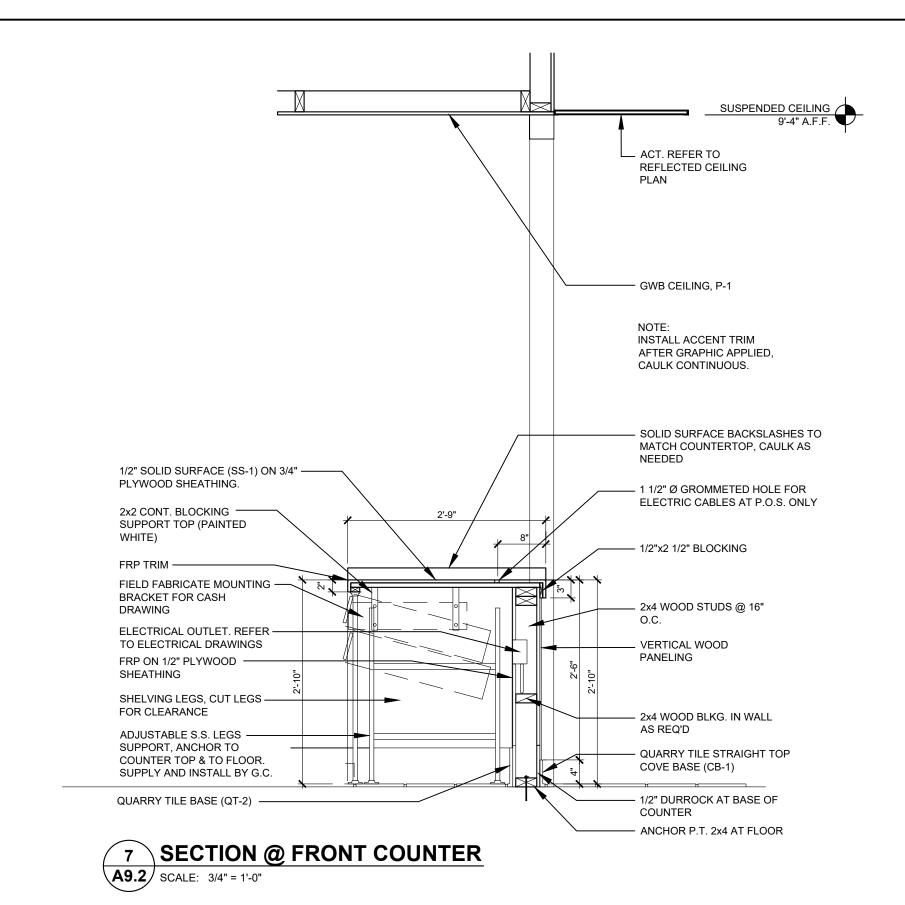


5 SECTION @ MOP SINK **A9.2** SCALE: 1/4" = 1'-0"

INSTALLATION. NO SEAMS ARE ACCEPTABLE.



6 SELF-SERVE COUNTER ELEVATIONS A9.2 SCALE: 1/4" = 1'-0"



ISSUE TABLE Date (mm/dd/yy) No. Description

> REVISIONS No. Date Description RESPONSE TO CITY 1 8/01/2023 2 9/04/2023 HEALTH COMMENTS RESPONSE TO CITY 3 9/12/2023

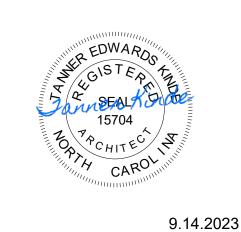
4 9/12/2023 HEALTH COMMENTS

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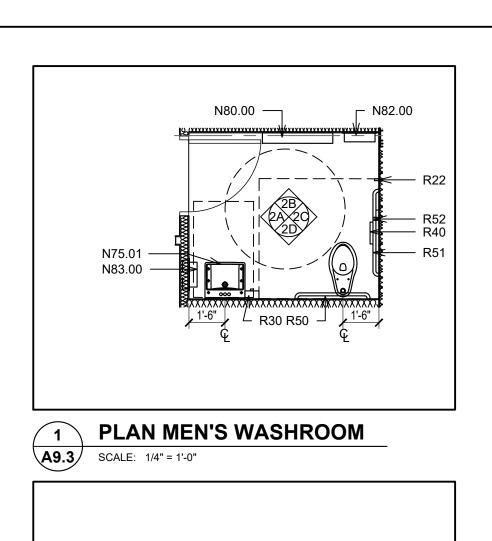
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1517 NC 24-87 CAMERON, NC

Drawing Title

INTERIOR ELEVATIONS

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PLAN WOMEN'S WASHROOM

A9.3

5

A9.3

6 A9.3

N/A.

12 DETAIL @ GRAB BARS

A9.3 SCALE: 1/2" = 1'-0"

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

4 10 3 2 —(P4 P4 TL-6 TL-6 TL-6 TL-5 TL-5 TL-5 2B ELEVATION 2C ELEVATION **2D** ELEVATION **ELEVATIONS MEN'S WASHROOM**

A9.3/ SCALE: 1/4" = 1'-0"

13 DETAIL @ VANITY

A9.3 SCALE: 1" = 1'-0"

INTERIOR ELEVATION NOTES

- MIRROR IN PUBLIC WASHROOMS TO BE 1'-6" x 3'-0". MIRROR TO BE CENTERED ABOVE VANITIES & SURFACE MOUNTED ON WALL FINISH. SEE DRAWING A2 FOR SPECIFICATION BOTTOM AND ONE OF THE VERTICAL SIDE FRAMES TO BE PRE-DRILLED & SCREWED TO WALL. REMAINDER OF FRAMES AND MIRROR TO BE ADHERED W/ APPROVED MIRROR ADHESIVE OR SILICONE. REFER TO
- 2 WALL TILE FINISH TL-5 AND TL-6 REFER TO FINISH SCHEDULE ON SHEET A10
- 3 WALL TILE TL-2 REFER TO FINISH SCHEDULE ON SHEET A10 FOR TYPE.

FOR TYPE. GC TO BE SUPPLIED AND INSTALLED.

- PROVIDE PLYWOOD BACKING IN BETWEEN STUDS TO ACCOMMODATE GRAB BARS. PROVIDE ADEQUATE SIZE. REFER TO DETAIL 12/A9.3.
- 6 PROVIDE ADEQUATE PLYWOOD BACKING IN BETWEEN STUDS AT BABY CHANGE TABLE. REFER TO DETAIL 10/A9.3.
- 7 PROVIDE OPENING IN WALL TO ACCOMMODATE SEMI-RECESSED GARBAGE. REFER TO DETAIL 9/A9.3.
- 8 DOORS & FRAMES. REFER TO FINISH SCHEDULES ON SHEET A10 FOR FINISHES & A11 FOR TYPE.
- 9 VANITY REFER TO DETAIL 13/A9.3.
- PAINT FINISH REFER TO TYPICAL WASHROOM ELEVATION ON SHEET A10 FOR TYPE
- 11 LAVATORY CARRIER SEE PLUMBING SCHEDULE
- PROVIDE & INSTALL SCHLUTER STRIP AT TILED CORNERS (INSIDE/ OUTSIDE). REFER TO SHEET A10 FOR SPECS.
- G.C TO PROVIDE AND INSTALL KICK PLATE. REFER TO HARDWARE SCHEDULE ON SHEET A11.

SYMBOL LEGEND

NOTE REFERENCE REFER TO ELEVATION NOTES

WASHROOM ACCESSORIES

-TOILET PAPER HOLDER (R40), BOBRICK B-2890

- -GRAB BAR (R50), GAMCO 150-S x36" -GRAB BAR (R51), GAMCO 150-S x42" -GRAB BAR (R52), GAMCO 150-S x18"
- -MIRROR (R20), CHANNEL FRAME 18"x36" GAMCO C-18x36
- -SEMI-RECESSED GARBAGE BIN (N82) BOBRICK B-3961
- -ELECTRIC HAND DRYER (N83) BRUSHED STAINLESS STEEL -XLERATOR XL-SB
- -BABY CHANGE TABLE (N80), SURFACE MOUNT KOALA KARE -SOAP DISPENSER (R30), SURFACE MOUNT - BOBRICK B-4112
- -VANITY
- -WATER CLOSET
- -COAT HOOK (R22), HEAVY-DUTY COAK HOOK BOBRICK B-4112
 - -SANITARY NAPKIN DISPENSER (R60), SURFACE MOUNT BOBRICK

NOTES

- REFER TO TYPICAL ACCESSORIES DETAILS FOR MOUNTING HEIGHTS AND OTHER SPECIFIC DIMENSIONS.
- REFER TO TILE PLAN AND FINISHES SCHEDULE ON SHEET A10 FOR
- G.C SHALL PROVIDE ADDITIONAL SOLID WOOD BLOCKING IN WALL AS NEEDED FOR PROPER INSTALLATION AND STRUCTURAL SUPPORT OF ACCESSORY ITEMS.
- VERIFY ALL PAPER & SOAP PRODUCTS WITH VENDOR.

14 MIRROR AND SOAP DISPENSER DETAIL

1. DIMENSIONS SHOWN ARE FROM FINISH FACE OF

OR LOCAL ACCESSIBILITY REQUIREMENTS.

FIXTURES AND TILE INTERSECTIONS.

DIMENSION SHOWN ARE PREFERRED DIMENSIONS AND

COMPLY WITH THE REQUIREMENTS OF A.D.A.A.G AND A.N.S.I

-A117.1 G.C SHALL NOT DEVIATE FROM THESE STANDARDS

UNLESS NECESSARY TO COMPLY WITH ADDITIONAL STATE

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

G.C TO PROVIDE CLEAR CAULKING AT ALL WASHROOM

WALL/FLOOR.

THE G.C. SHALL VERIFY WITH THE OWNER THAT THE PAPER AND SOAP SUPPLIER IS AVAILABLE FOR ALL REPLENISHMENT PRIOR TO HEALTH INSPECTION

SOAP DISPENSER



Description

Description

RESPONSE TO CITY

HEALTH COMMENTS

RESPONSE TO CITY

HEALTH COMMENTS

Description

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ISSUE TABLE

REVISIONS

Date

8/01/2023

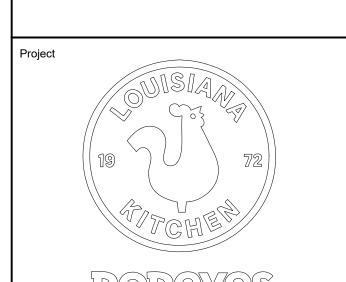
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9/12/2023

Date



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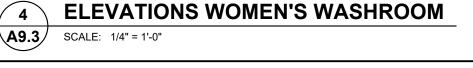


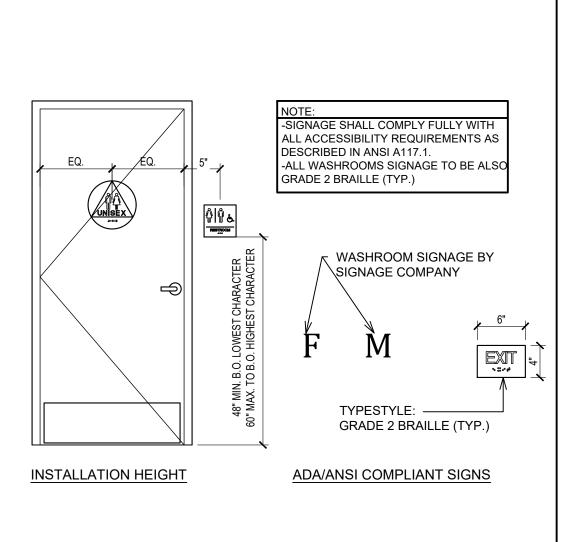
US 2112 PROTOTYPE 2112-21

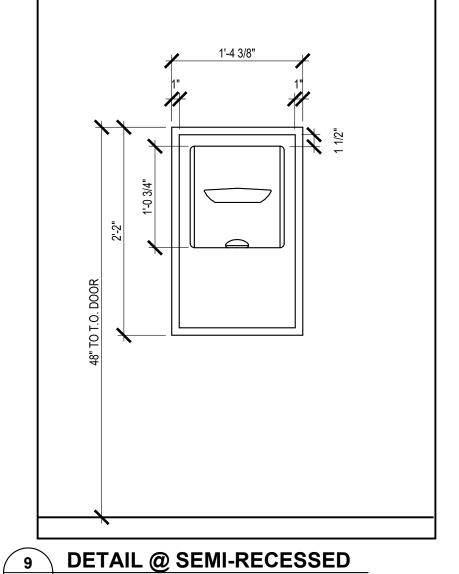
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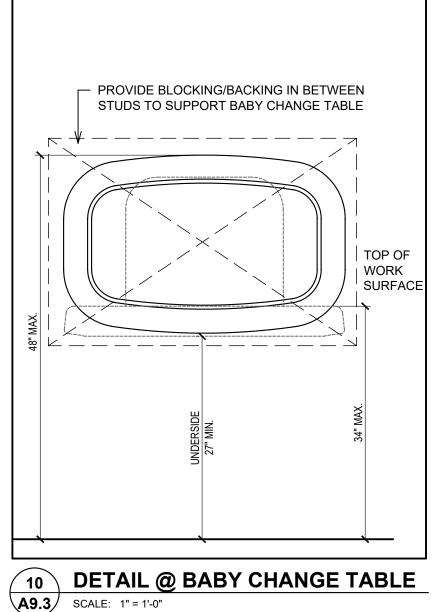
WASHROOM **DETAILS**

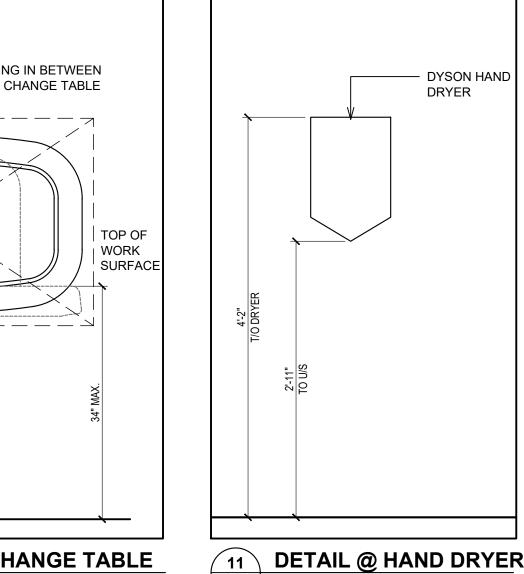
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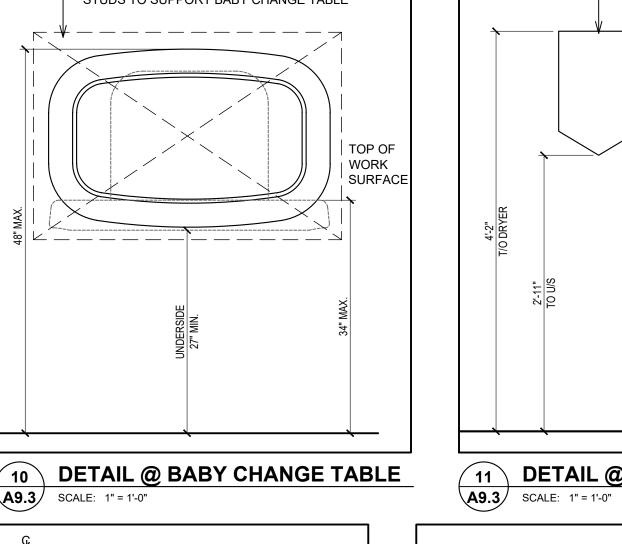


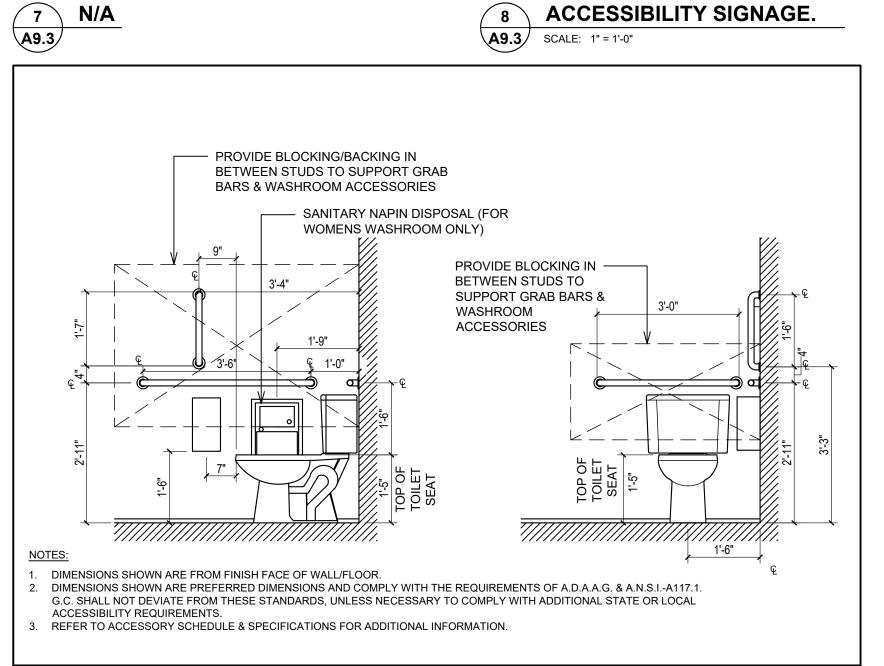


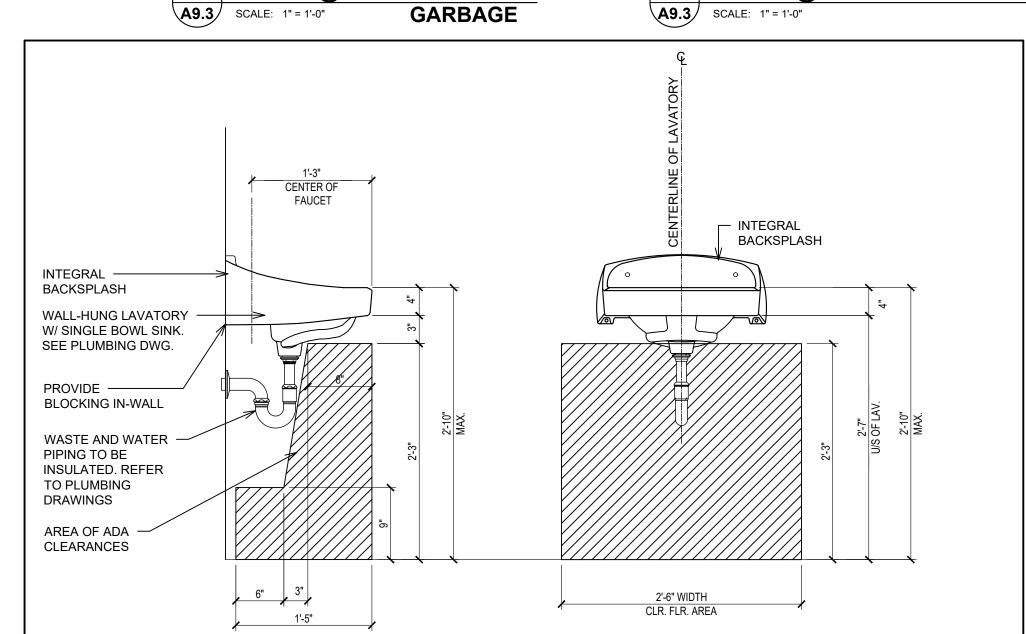


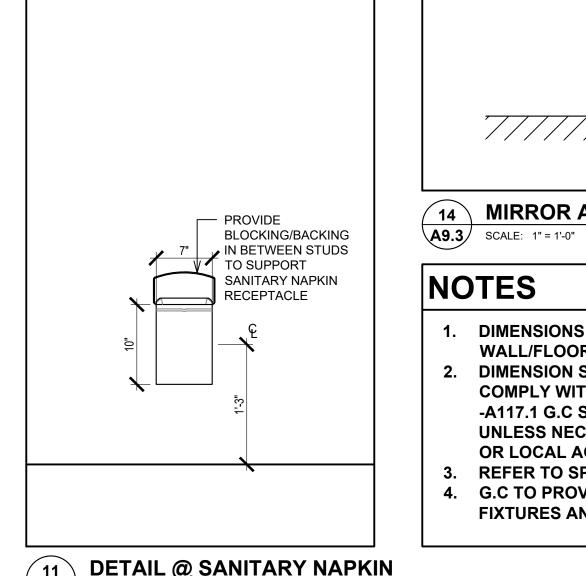


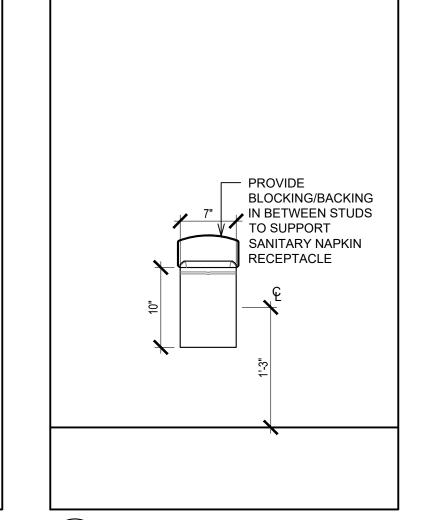




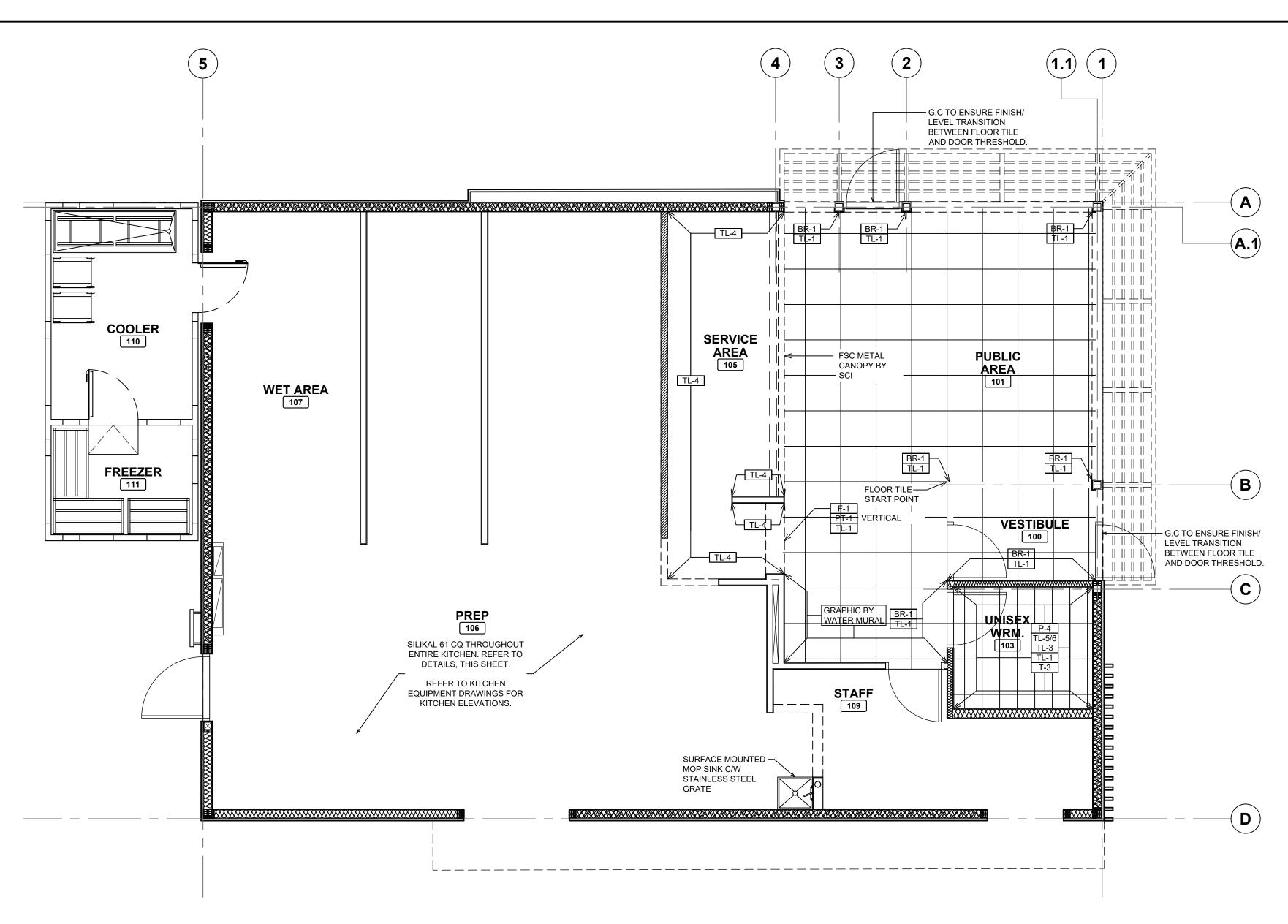








DETAIL @ SANITARY NAPKIN RECEPTACLE **A9.3** SCALE: 1" = 1'-0"



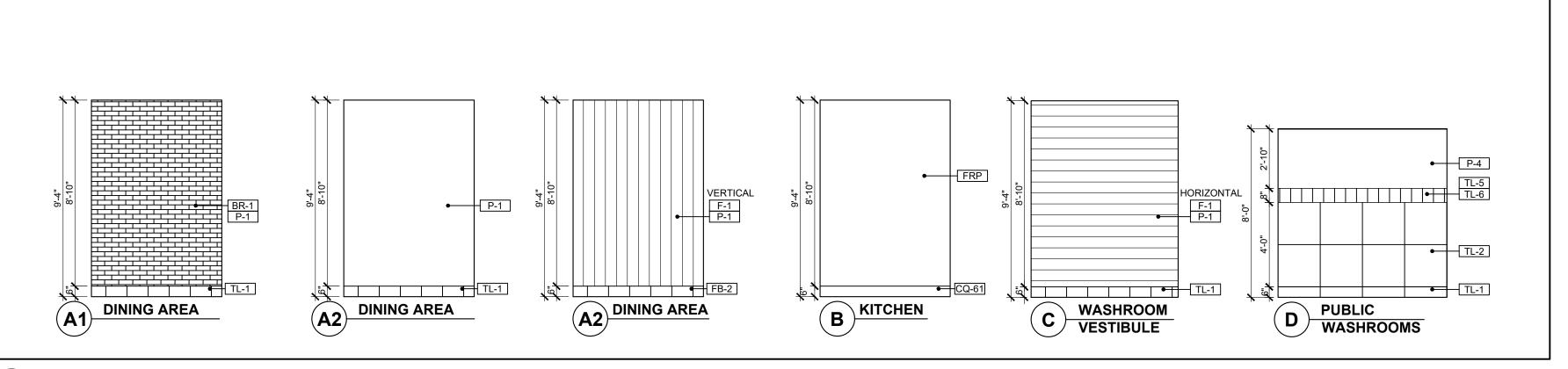
1 TILE PLAN
A10 SCALE: 1/4"=1'-0"

R	OOM FINISH SCH	IED	U	LE																							• s	SEE INTERIOR ELEVATIONS FOR LOCATION AND TYPE OF INTERIOR FINISHES.
RO	OM	Fl	LO	ORS)				W	ALL	.S													CI	EILI	NG	S	
			TI	LE		E	BAS	E	1																			
NO.	NAME	T-2	T-3	CQ-61		TL-1	CQ-61		BR-1	PT-1	PT-2	PT-3	7.	TL-1	TL-2	TL-3	TL-4	TL-5	TL-6	P-1	P-4	WD-AC	FRP	P-1	ACT-1G	ACT-2G	HEIGHT	
100	VESTIBULE	•				•																		•			9'-4"	
101	PUBLIC AREA	•				•			•	•				•											•		9'-4"	
103	UNISEX WASHROOM		•)		•								•	•			•	•		•			•			8'-0"	
105	SERVICE AREA			•			•										•							•			9'-4"	
106	PREP			•			•																•			•	9'-4"	
107	WET AREA			•			•																•			•	9'-4"	
109	STAFF			•			•																•			•	9'-4"	
110	COOLER			•			•																					

NOTES

1. GENERAL CONTRACTOR TO PROVIDE MINIMUM 1 CASE OF EACH SET OF FLOOR TILES, WALL TILES & CEILING TILES AND 1 GALLON OF EACH PAINT COLOUR FOR FUTURE USE. THESE MATERIALS ARE TO BE LEFT ON SITE WITH THE RESTAURANT

- 2. PROVIDE & INSTALL SCHLUTER STRIP (SHL-2) AT OUTSIDE / WALL TILE CORNERS WITHIN SERVICE AREA.
- 3. PROVIDE & INSTALL SCHLUTER STRIP (SHL-3) AT ALL FLOOR TILE TRANSITION THROUGH OUT THE ENTIRE STORE. REFER TO FINISHING SCHEDULE.
- 4. PROVIDE & INSTALL SCHLUTER-DILEX-KSN AT LOCATION OF FLOOR TILE AT DELIVERY DOOR. REFER TO POPEYES MASTER SCHEDULE.
- 5. GENERAL CONTRACTOR TO INSTALL BASE TILE FOR ALL FIXED BOOTH SEATING. G.C TO USE LATICRETE LATAPOXY 300 ADHESIVE TO ADHERE BASE TILE TO BASE BOX BOOTH SEATING AND FOR USE WITH BASE TILE ON FRONT COUNTER. CONTACT: 1-800-243-4788 EXT. 235. WEBSITE: WWW.LATICRETE.COM
- COVE BASE TILES FOR MILLWORK CABINETS TO BE INSTALLED BY MILLWORK VENDOR.
- 7. G.C. TO SEAL ALL MILLWORK / MILLWORK AND GWB / MILLWORK JOINTS WITH CLEAR SILICONE CAULKING AFTER COMPLETION OF PAINTING, WAINSCOTING AND FINAL CLEANING.
- ALL BUTT JOINTS IN THE MILLWORK (VERTICAL AND HORIZONTAL) WILL BE CAULKED WILL CLEAR SILICONE CAULKING BY MILLWORK COMPANY.



2 TYPICAL INTERIOR ELEVATIONS

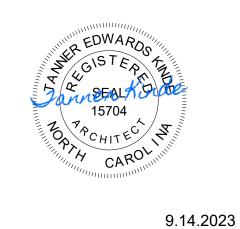
A10 SCALE: 1/4"=1'-0"

DRAWINGS REVISED AS PER DESIGN BULLETIN											
No.	Date	Description									



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Company Logo



Project

19
72

US 2112 PROTOTYPE

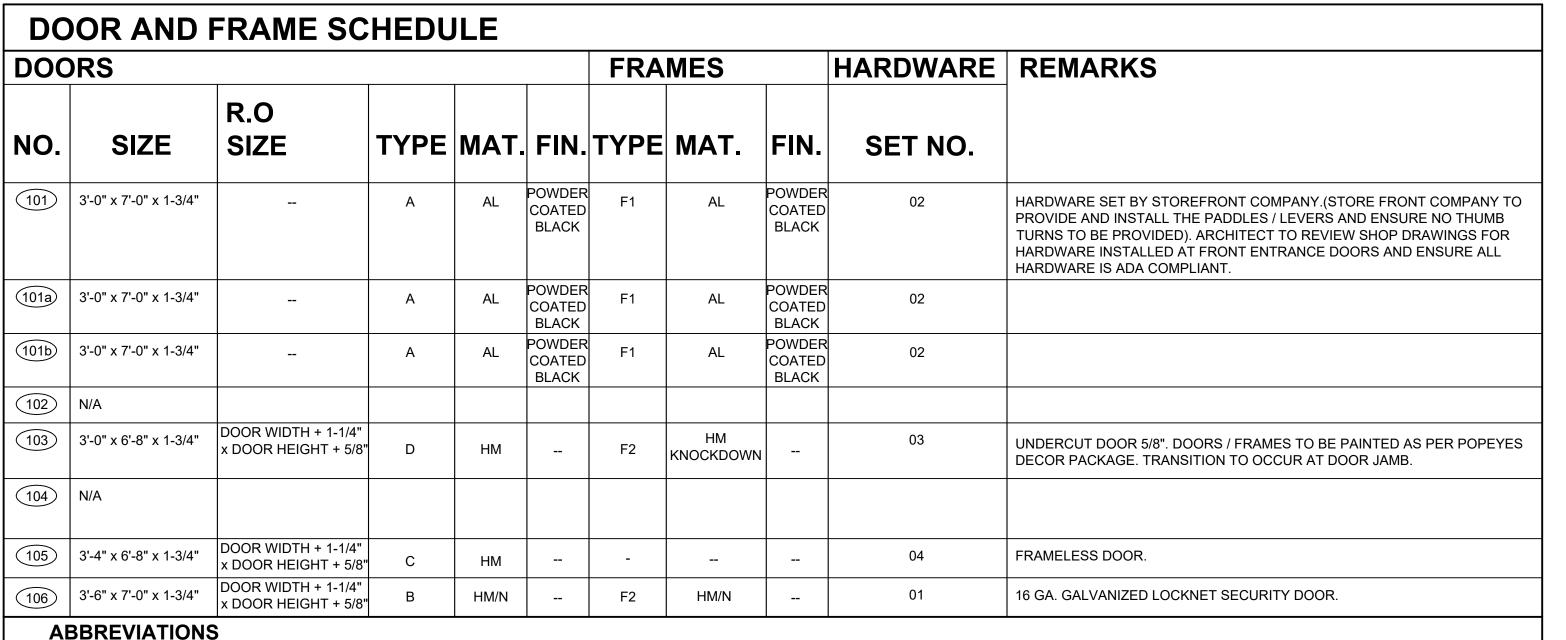
2112-21

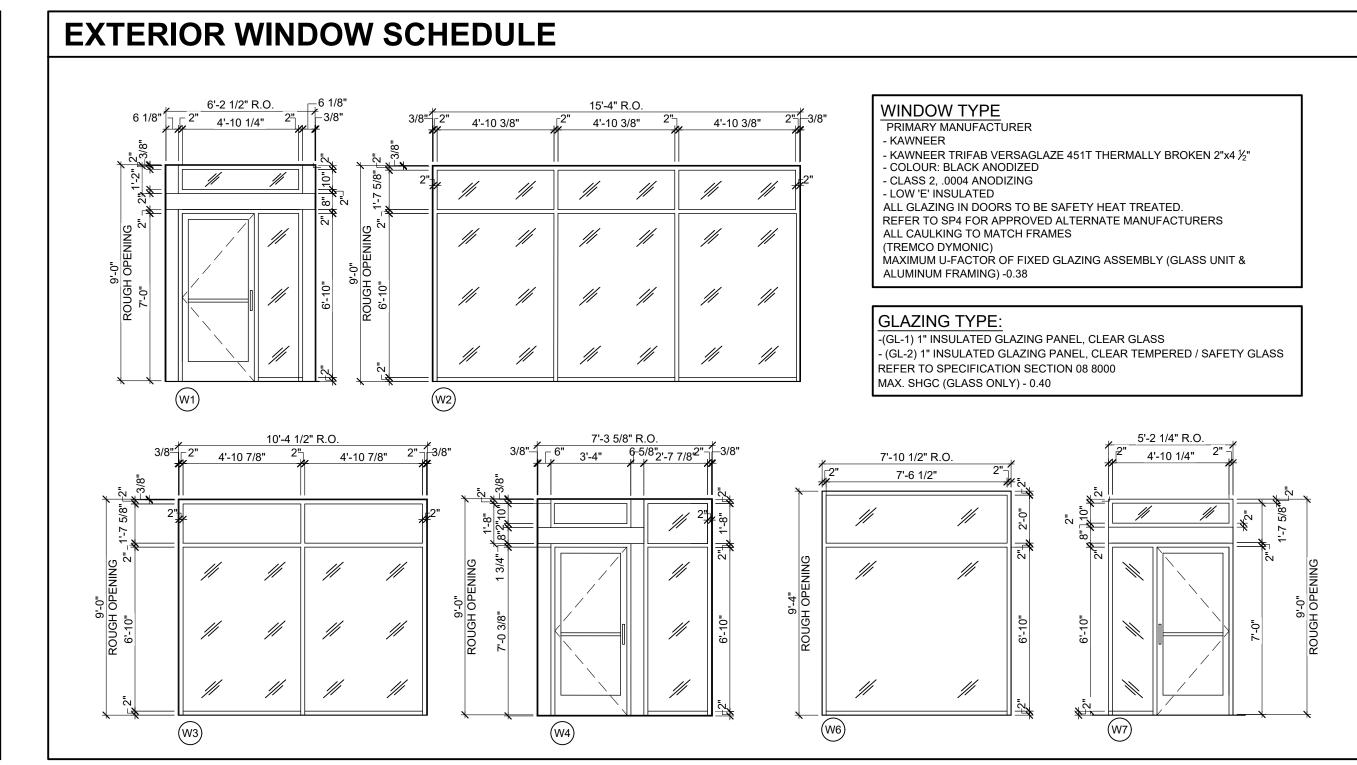
1517 NC 24-87 CAMERON, NC

awing Title

TILE PLAN AND FINISHING SCHEDULE

Drawn	Checked
SH	AL
Scale	Date
1/4"=1'-0"	JUNE 2023
Project No.	Drawing No.
C22-129	A10





DOOR TYPES

TEMPERED

VARIES

TYPE 'A'

STOREFRONT

TYPE 'F1'

(ALUMINUM)

GLASS

HARDWARE

VARIES

TYPE 'B'

(HOLLOW METAL)

DOOR FRAME TYPES

GENERAL NOTE

ONE-WAY

DOOR # 2

ONLY (NO

WINDOWS @

RESTROOMS

DOORS) PAINT

TRIM BRONZE

(SOLID CORE)

TYPE 'F3'

(MILLWORK TRIM)

TO MATCH

FRAMES

VARIES

TYPE 'C'

(SOLID CORE)

(NARROW FRAME) 1 3/4" FLUSH DOOR 1 3/4" WOOD DOOR, BIRCH 1 3/4" WOOD DOOR, BIRCH

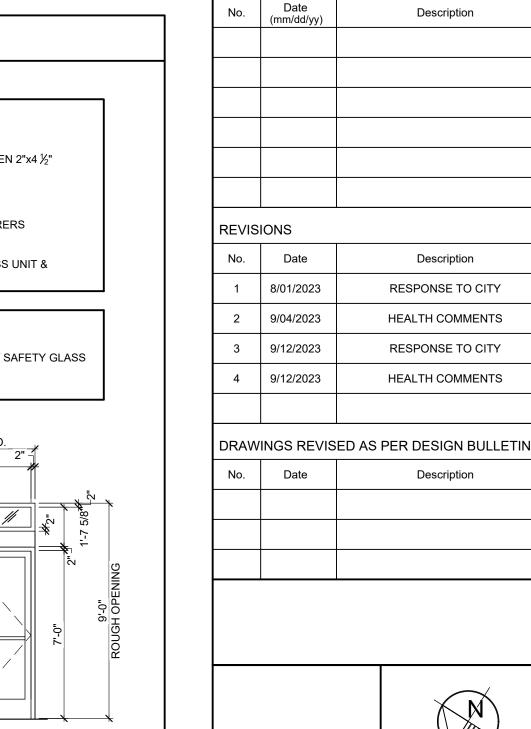
ALL DOORS TO BE SUPPLIED BY G.C. UNLESS OTHERWISE NOTED

1.2mm WELDED

TYPE 'F2'

(HOLLOW METAL)

WINDOW AT



ISSUE TABLE

Date

Description

Description

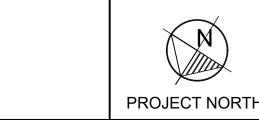
RESPONSE TO CITY

HEALTH COMMENTS

RESPONSE TO CITY

HEALTH COMMENTS

Description



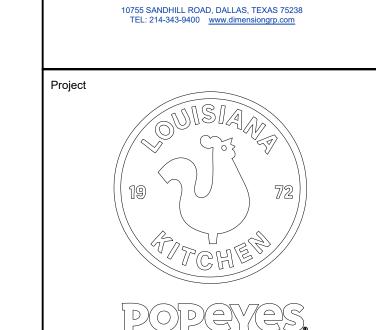
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9.14.2023

Company Logo



Store Type US 2112 PROTOTYPE

2112-21

1517 NC 24-87 CAMERON, NC

DOOR AND WINDOW SCHEDULES

Drawn	Checked
SH	AL
Scale	Date
AS NOTED	JUNE 2023
Project No.	Drawing No.
C22-129	A11

DOOR HARDWARE SCHEDULE HARDWARE SET NO. 3: HARDWARE SET NO. 1: (LOCKNET SERIES DOOR PACKAGE) BEARING HINGES,4-1/2" X 4-1/2" US26D I-1/2 PR. HINGES McKINNEY 1 EA. LATCHSET W/LOCK SCHLAGE SATURN X US26D DOOR FRAME & HARDWARE INCLUDING ONE- WAY VISION PANEL W/ FLAP, #4000 FLOOR MOUNT 1 EA. FLOOR STOP BALDWIN CONTINUOUS HINGE, HEAVY DUTY CLOSER AND PANIC HARDWARE ORDERED 1 EA. KICKPLATE BURNS 8" X 30" X 8" 16GA. US628 THROUGH 1 EA. COAT HOOK **JACKNOB** #400 WITH RUBBER BUMPER LOCKNET (800) 887-4307 1 EA. CLOSER

1 EA. 3'-6" X 7'-0" X 1.75" X 16 GA. X G60 GALVANIZED LOCKNET SECURITY DOOR 1 EA. 3'-6" X 7'-0" X (5-7/8" OR 6-3/4") JAMB DEPTH X 14 GA. X G60 GALVANIZED X WELDED IN PLACE EOA X 1/4" X 2-1/2" HR PLATE SPREADER BAR X 4-SIDED

WELDED DOOR FRAME X FACTORY FINISH PAINTED 8 EA. 3/4"Ø COVER PLUGS (BLACK) 1 EA. AIR LOUVER VLF-IG-PVC-1/2" LEXAN - 9" X 9" GALVANIZED SECURITY VISION 1 EA. PEMKO CDHFM82SLF-HD FULL MORTISE CONT. GEARED ALUM. HINGE X 628

HOLLOW METAL

HMIN HOLLOW METAL INSULATED

1 EA. SECURITY LATCH GUARD X FULL LENGTH X TORX SD/ST SMS X FACTORY FINISH 1 EA. ARROW 1250S X EO X AL EXIT DEVICE

ALUMINUM

GLASS

1 EA. DORMA 8616 X DS X FCOV S SN1 X AL CLOSER 1 EA. ROCKWOOD 24" X 40" X .050 X US32D X SECURITY TORX SD/ST SMS ARMOR PLATE ON PUSH SIDE

> YB5N YKK AP #20D YB5N 2" x 4-1/2"

> > 20D

3-0

YB5N 2" x 4-1/2"

1 EA. PEMKO 171A X 42" X DOUBLE NOTCH CUT ENDS X THRESHOLD 1 EA. PEMKO 346C X 46" AL OVERHEAD RAIN DRIP X SECURITY TORX SD/ST SMS 1 EA. PEMKO 221APK X 42" AL COMBINATION KICK PLAT & DOOR SHOE X TORX 1 SET. P8512 X CONT. PERIMETER WEATHER SEAL (BLACK)

1 EA. CARDBOARD PACKAGING (2 PIECE BOX) 1 EA. DELIVERED ON FULL LENGTH WOODEN PALLET HARDWARE SET NO. 2: (BY YKK AP AMERICA INC.)

YB5N

335

335

YB5N

YB5N

1 EA. INSTALLATION KIT (PER LOCKNET)

QTY PART # FINISH MODEL

1460 ALUMINUM CLOSER

FOLLOWING ITEMS PROVIDED & INSTALLED BY G.C.:

HANDICAP ACCESSIBILITY (ADA) AS REQD: DOOR #103 "MEN" 7" X 2" DOOR #104 "WOMEN" 7" X 2"

PLASTIC LAMINATE

HARDWARE SET NO. 4

1 EA. SIGN

1 EA. SIGN

PREFINISHED METAL

McKINNEY BEARING HINGES,4-1/2" X 4-1/2" US26D 1-1/2 PR. HINGES 8" X 30" X 8" 16GA. US26D 1 EA. KICKPLATE BURNS 1 EA. LATCHSET W/LOCK SCHLAGE SATURN X US26D

1 EA. 6"x6" VIEWING WINDOW 1 EA. CLOSER

HARDWARE SET NO. 5

1 EA. CLOSER

1-1/2 PR. HINGES

McKINNEY 1 EA. LATCHSET W/LOCK SCHLAGE

BEARING HINGES,4-1/2" X 4-1/2" US26D SATURN X US26D 1460 ALUMINUM CLOSER

1460 ALUMINUM CLOSER

3' x 7' O/P, FRAME, W/TRANSOM, RH 6' x 7' O/P, OFFSET PIVOTS, HBR PR 6' x 7' O/P, FRAME, W/TRANSOM, PR SM CLOSER W/BACK CHECK NHO PRES PUSH/PULL 1" DIAM. TYPE SC (9" CTC) **BOTTOM RAIL WEATHERSTRIP**

10" BOTTOM RAIL UP TO 3' DETEX PANIC HARDWARE W/ **DOGGING FEATURE**

3' x 7' O/P OFFSET PIVOTS, HBR RH

DESCRIPTION

STOCK LENGTHS

DOORS AND FRAMES

49111DOR

92115FTR

49114DOP

92118FTP P61205

H1104SD

SD101

V50

QTY PART# FINISH LENGTH DESCRIPTION BE91503 YB5N HEAD / JAMB / VERTICAL BE91512 YB5N 24-0 SHALLOW POCKET FILLER BE91506 YB5N 24-0 HORIZONTAL 4-1/2" SIDELITE BASE BE91513 YB5N 24-0 24-0 **GLASS STOP** E91015 YB5N SILL FLASHING

BE91510 YB5N 24-0 **ACCESSORIES** QTY PART# PKG E20020 E20047 E20154 E10168 20P/B

DESCRIPTION SETTING BLOCK WATER DEFLECTOR "W" SIDE BLOCK FOR DEEP POCKET END DAM E20052 500P/B GLAZING GASKET PC1220 100P/B #12 x 1-1/4" PHSMS TYPE AB E11015 50P/B SHEAR BLOCK

HARDWARE SCHEDULE NOTES:

1. ALL HARDWARE IS NEW UNLESS OTHERWISE NOTED.

2. ALL DOOR LOCKSETS / LATCHES SHALL BE "LEVER TYPE" IN COMPLIANCE WITH A.D.A.A.G. SECTION 4.1.3.9). 3. ALL DOOR HANDLES, PULLS, LATCHES, LOCKS, AND/OR OTHER OPERATING DEVICES SHALL BE INSTALLED BETWEEN 34" MINIMUM AND 48"

TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEAD EDGE (A.D.A.A.G. 4.13.10).

MAXIMUM ABOVE FINISHED FLOOR.

4. ALL DOOR THRESHOLDS SHALL BE IN 1/2" HIGH MAXIMUM. 5. ALL DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES. THE DOOR WILL TAKE AT LEAST 3 SECONDS

PC1028 100P/B #10 x 1-3/4" PHSMS TYPE AB

WINDOW SCHEDULE CONST. | GLASS | HEAD MARK R.O. **REMARKS HEIGHT TYPE** SIZE BLACK ANODIZED (CLASS I, 0.7 MILS MINIMUM) FINISH 6'-9 1/4" x 9'-0' ALUM GL-1 9'-2" 11'-8 1/8" x 9'-0" ALUM GL-1 / GL-2 9'-2" BLACK ANODIZED (CLASS I, 0.7 MILS MINIMUM) FINISH 17'-6" x 9'-0" ALUM GL-1 9'-2" BLACK ANODIZED (CLASS I, 0.7 MILS MINIMUM) FINISH 15'-6 1/4" x 9'-0" ALUM GL-1 BLACK ANODIZED (CLASS I, 0.7 MILS MINIMUM) FINISH 6'-0" x 5'-5 1/2" GL-1 / GL-2 BLACK ANODIZED (CLASS I, 0.7 MILS MINIMUM) FINISH 6'-0" x 5'-5 1/2" ALUM BLACK ANODIZED (CLASS I. 0.7 MILS MINIMUM) FINISH GL-1 / GL-2 2'-0 3/4" > ALUM GL-1 9'-2" BLACK ANODIZED (CLASS I, 0.7 MILS MINIMUM) FINISH 2'-0 3/4" 5'-2 1/4" x W8 ALUM GL-1 / GL-2 BLACK ANODIZED (CLASS I, 0.7 MILS MINIMUM) FINISH 9'-2" 9'-0"

WINDOW SCHEDULE NOTES:

ALUM

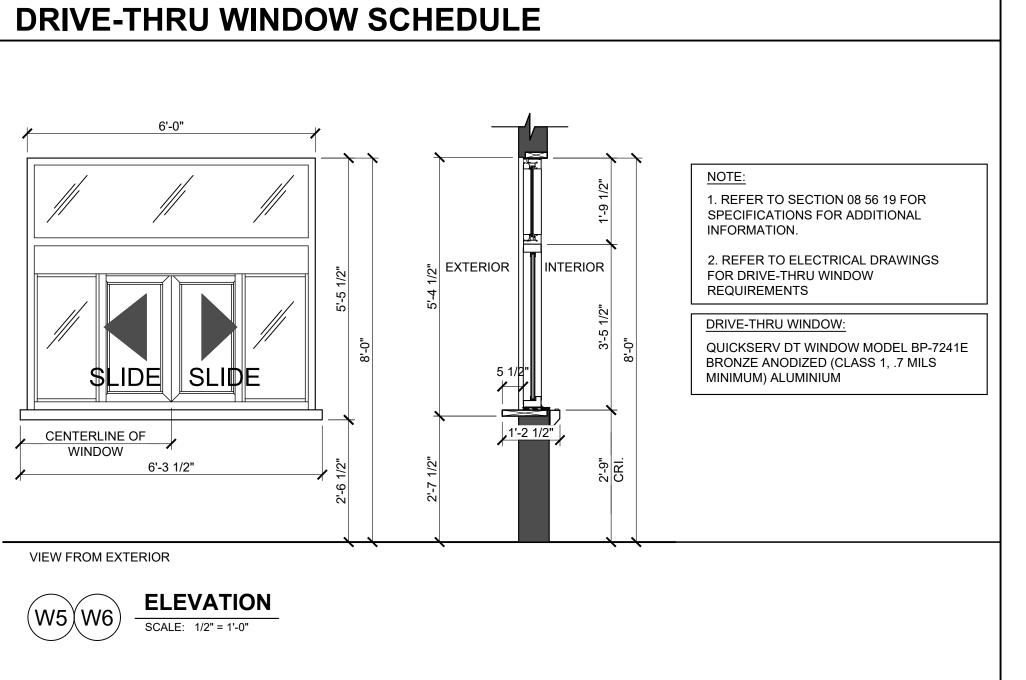
7'-5 1/2" x

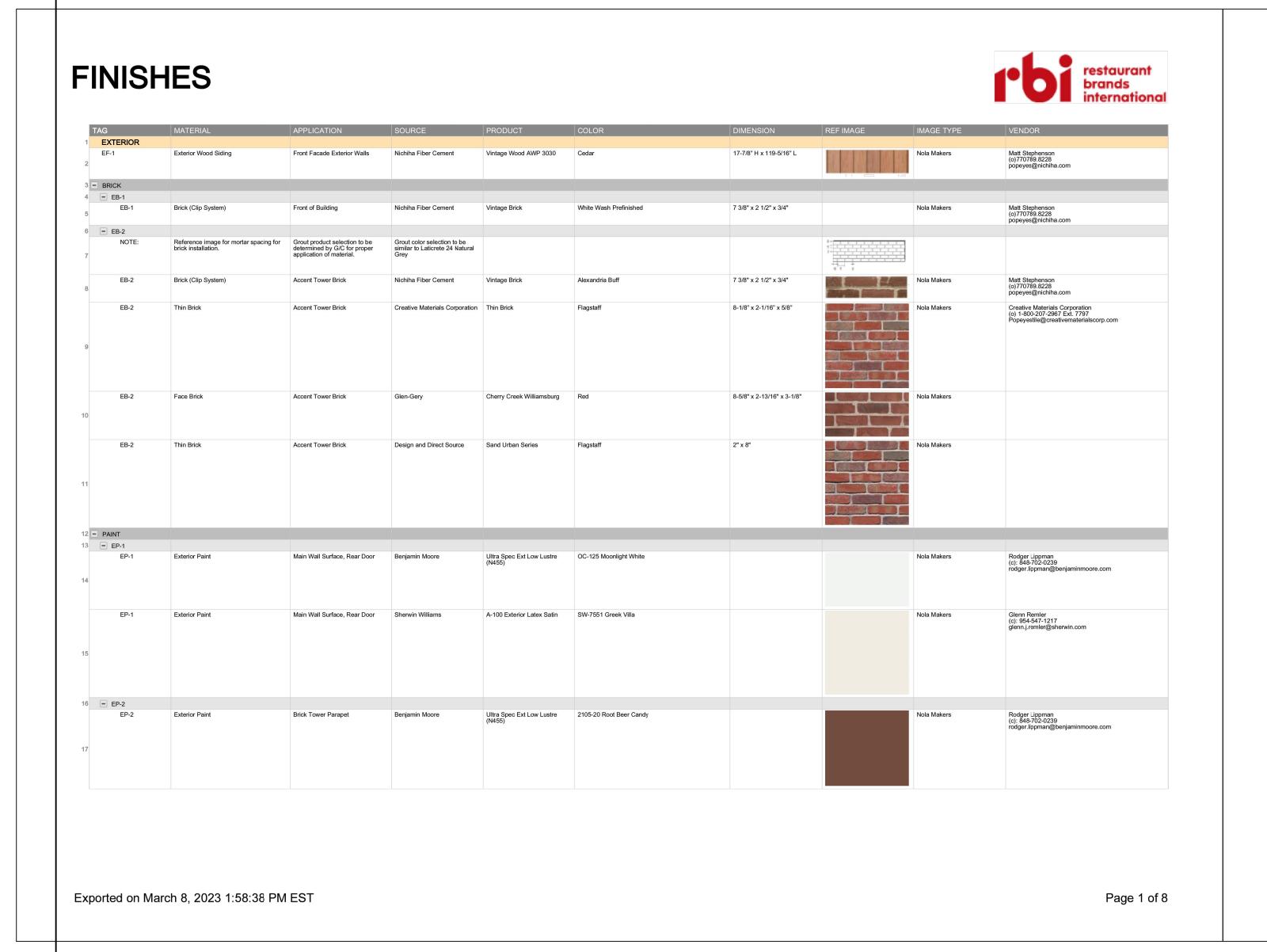
PROVIDED BY DOOR MANUFACTURER

REFER TO WINDOW ELEVATIONS FOR SPECIFIC DIMENSIONS AND ADDITIONAL DETAIL INFORMATION. WINDOW CONTRACTOR SHALL FIELD VERIFY ALL ROUGH OPENINGS FOR ALL WINDOWS PRIOR TO PREPARATION OF SHOP DRAWINGS.

GL-1 / GL-2

BLACK ANODIZED (CLASS I. 0.7 MILS MINIMUM) FINISH





	MATERIAL	APPLICATION	SOURCE	PRODUCT	COLOR	DIMENSION	REF IMAGE	IMAGE TYPE	VENDOR
EP-2	Exterior Paint	Brick Tower Parapet	Sherwin Williams	A-100 Exterior Latex Satin	SW-6062 Rugged Brown	DIWENSION	INEI IIVIAGE	Nola Makers	
									Glenn Remler (c): 954-547-1217 glenn.j.remler@sherwin.com
EP-3									
EP-3	Exterior Paint	Dumpster Walls	Benjamin Moore	Ultra Spec Ext Low Lustre (N455)	HC-170 Stonington Grey			Nola Makers	Rodger Lippman (c): 848-702-0239
				(11455)					rodger.lippman@benjaminmoore.com
EP-3	Exterior Paint	Dumpster Walls	Sherwin Williams	A-100 Exterior Latex Satin	SW-7657 Tinsmith			Nola Makers	Clans Bomler
EP-3	Exterior Famil	Dumpster wans	Sherwin williams	A-100 Exterior Latex Satiri	SW-7657 Thismilli			Noia Wakers	Glenn Remler (c): 954-547-1217 glenn.j.remler@sherwin.com
									g.c,n.cc.gc.r.c
ED 4									
EP-4 EP-4	Metal Paint	Bollards	Benjamin Moore	Corotech High Solids Rapid Dry Enamel	/ Safety Yellow			Nola Makers	Rodger Lippman (c): 848-702-0239
				Enamel					(c): §48-702-0239 rodger.lippman@benjaminmoore.com
EP-4	Metal Paint	Bollards	Sherwin Williams	Industrial Enamel HS	Safety Yellow			Nola Makers	Glenn Remler
									Glenn Remler (c): 954-547-1217 glenn.j.remler@sherwin.com
EP-5									
EP-5	Metal Paint	Dumpster Gates and Pylon Pole	Benjamin Moore	Corotech High Solids Rapid Dry Enamel	Factory Finish Black			Nola Makers	Rodger Lippman (c): 848-702-0239
									rodger.lippman@benjaminmoore.com
EP-5	Metal Paint	Dumpster Gates and Pylon Pole	Sherwin Williams	Industrial Enamel HS	SW-6991 Black Magic			Nola Makers	Glenn Remler (c): 954-547-1217 glenn.j.remler@sherwin.com
									glenn.j.remler@sherwin.com
EP-6 EP-6	Anti Graffitti Coat	Exterior Walls	Benjamin Moore	Aliphatic Acrylic Urethane -	V500-00 Clear			Nola Makers	Rodger Lippman
••	E. Sinta Godi			Aliphatic Acrylic Urethane - Gloss			A Benjamin Masey		Rodger Lippman (c): 848-702-0239 rodger.lippman@benjaminmoore.com
							COROTECH	ľ	
							ALIPHATIC		
							ACRYLIC URETHANE		

No. Date (mm/dd/yy) Description

 No.
 Date
 Description

 1
 8/01/2023
 RESPONSE TO CITY

 2
 9/04/2023
 HEALTH COMMENTS

 3
 9/12/2023
 RESPONSE TO CITY

 4
 9/12/2023
 HEALTH COMMENTS

DRAWINGS REVISED AS PER DESIGN BULLETIN

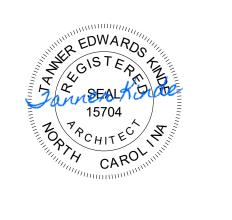
No. Date Description

PROJECT NORTH

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9.14.2023

Company Logo

ARCHITECTURE*CIVIL ENGINEERING*MEP ENGINEERING

10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongrp.com

oject

19
72

US 2112 PROTOTYPE

2112-21

1517 NC 24-87 CAMERON, NC

Drawing Title

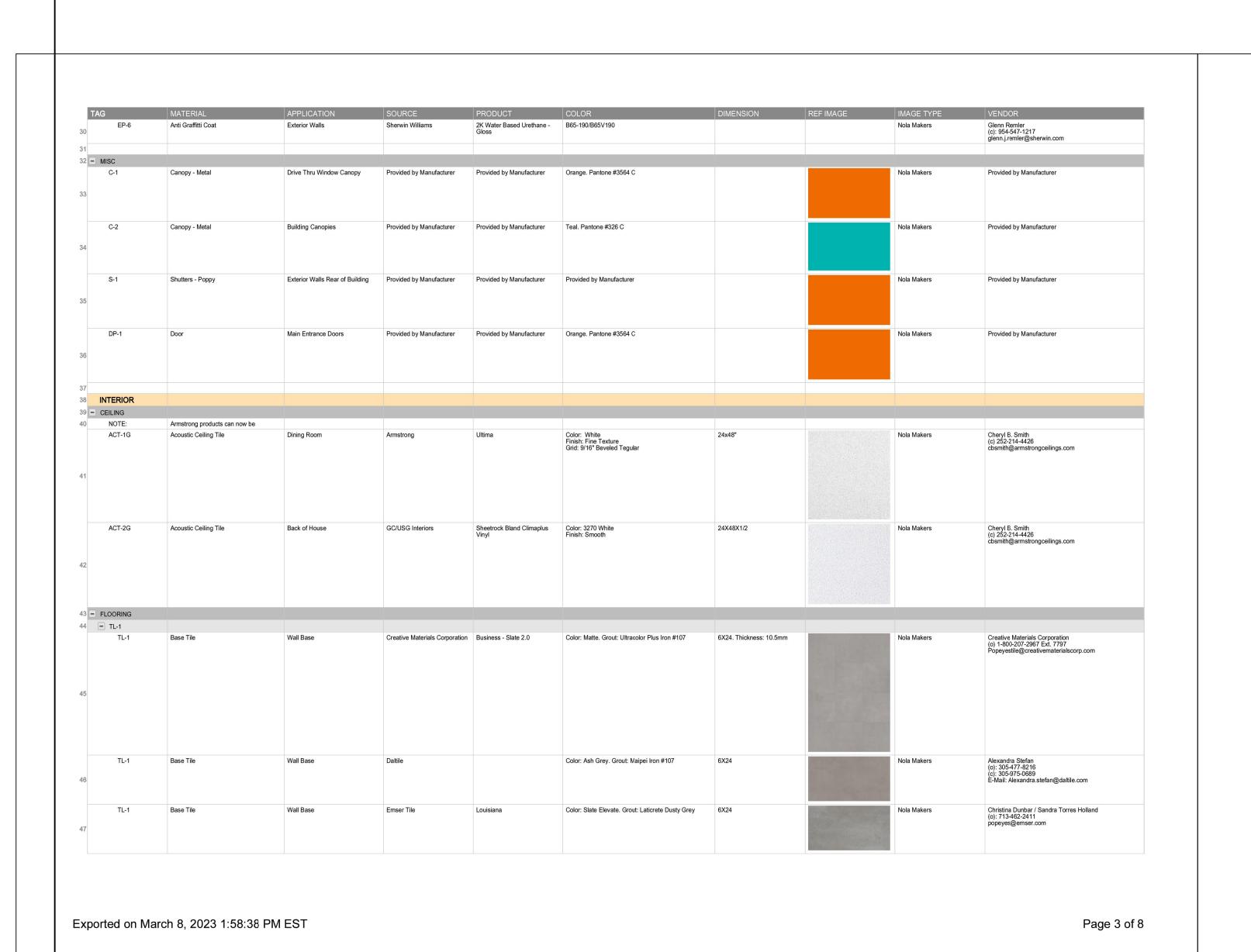
FINISH SCHEDULE

 Scale
 Date

 AS NOTED
 JUNE 2023

 Project No.
 Drawing No.

 C22-129
 A12.0



	MATERIAL	APPLICATION	SOURCE	PRODUCT	COLOR	DIMENSION	REF IMAGE	IMAGE TYPE	VENDOR
TL-1	Base Tile	Wall Base	Bedrosian Tile	Moderna	Color: Grey. Grout: Laticrete Dusty Grey	6X24		Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com
2 ΓL-2	Tile	Dining Room Floor and Restroom Walls	Creative Materials Corporation	Business - Slate 2.0	Finish: Natural/Clefted Body: Porcelain Glazed Color Body Grout Color: Ultracolor Plus Iron #107	24X24. Thickness: 10.5mm		Nola Makers	Creative Materials Corporation (o) 1-800-207-2967 Ext. 7797 Popeyestile@creativematerialscorp.com
	Tile	Dining Room Floor and Restroom Walls	Daltile		Color: Ash Grey. Grout: Maipei Iron #107	24X24		Nola Makers	Alexandra Stefan (o): 305-477-8216 (c): 305-975-0689 E-Mail: Alexandra.stefan@daltile.com
ΓL-2	Tile	Dining Room Floor and Restroom Walls	Emser Tile	Louisiana	Color: Slate Elevate. Grout: Laticrete Dusty Grey	24X24		Nola Makers	Christina Dunbar / Sandra Torres Holland (o): 713-462-2411 popeyes@emser.com
`L-2	Tile	Dining Room Floor and Restroom Walls	Bedrosian Tile	Moderna	Color: Grey. Grout: Laticrete Dusty Grey	24X24		Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com
ļ								-	
гL-3	Tile	Restroom Floor Tile	Creative Materials Corporation	Business - Slate 2.0	Finish: Natural/Clefted Body: Porcelain Glazed Color Body Grout Color: Ultracolor Plus Iron #107	12X24. Thickness: 10.5mm		Nola Makers	Creative Materials Corporation (o) 1-800-207-2967 Ext. 7797 Popeyestile@creativematerialscorp.com
ΓL-3	Tile	Restroom Floor Tile	Daltile		Color: Ash Grey. Grout: Maipei Iron #107	12X24		Nola Makers	Alexandra Stefan (o): 305-477-8216 (c): 305-975-0689 E-Mail: Alexandra.stefan@daltile.com
ΓL-3	Tile	Restroom Floor Tile	Emser Tile	Louisiana	Color: Slate Elevate. Grout: Laticrete Dusty Grey	12X24		Nola Makers	Christina Dunbar / Sandra Torres Holland (o): 713-462-2411 popeyes@emser.com
ГL-3	Tile	Restroom Floor Tile	Bedrosian Tile	Moderna	Color: Grey. Grout: Laticrete Dusty Grey	12X24		Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com

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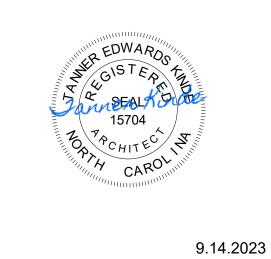
N N

Description

Date

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Company Logo

DIMENSION
GROUP

ARCHITECTURE • CIVIL ENGINEERING • MEP ENGINEERING

10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongrp.com

roject

19
72

POPSVES

Store Type
US 2112 PROTOTYPE

2112-21 ation

1517 NC 24-87 CAMERON, NC

Drawing Title

FINISH SCHEDULE

 Scale
 Date

 AS NOTED
 JUNE 2023

 Project No.
 Drawing No.

 C22-129
 A12.1

AG	MATERIAL	APPLICATION	SOURCE	PRODUCT	COLOR	DIMENSION	REF IMAGE	IMAGE TYPE	VENDOR
TL-4	Wall Tile	Front Service Counter Walls	Creative Materials Corporation	Subway Tile / Painted Brick	Color: Omni - White Ice Finish: Matte Grout Color: Ultracolor Plus Rain #101	3"X12". Thickness: 6 mm.		Nola Makers	Creative Materials Corporation (o) 1-800-207-2967 Ext. 7797 Popeyestile@creativematerialscorp.com
TL-4	Wall Tile	Front Service Counter Walls	Daltile	National Account	Color: Color Wheel N524 White Grout: Maipei Rain #101	3" x 12"		Nola Makers	Alexandra Stefan (o): 305-477-8216 (c): 305-975-0689 E-Mail: Alexandra.stefan@daltile.com
TL-4	Wall Tile	Front Service Counter Walls	Emser Tile	Catch	Color: Ice Grout: Laticrete Smoke Grey	3" x 12"		Nola Makers	Christina Dunbar / Sandra Torres Holland (o): 713-462-2411 popeyes@emser.com
TL-4	Wall Tile	Front Service Counter Walls	Bedrosian Tile	Traditions	Color: White Grout: Laticrete Smoke Grey	3" x 12"		Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com
TL-5	Wall Tile	Restroom Accent Band - Blank Spaces	Creative Materials Corporation	Boon and Beaming	Color: White Finish: Matte Grout Color: Popeye's Custom Color	4.25"x8.5"		Nola Makers	Creative Materials Corporation (o) 1-800-207-2967 Ext. 7797 Popeyestile@creativematerialscorp.com
TL-5	Wall Tile	Restroom Accent Band - Blank Spaces	Daltile		Color: Arctic White 0790 Finish: Matte Grout Color: Popeye's Custom Color	4x8		Nola Makers	Alexandra Stefan (o): 305-477-8216 (c): 305-975-0689 E-Mail: Alexandra.stefan@daltile.com
TL-5	Wall Tile	Restroom Accent Band - Blank Spaces	Emser Tile	Select	Color: White Finish: Matte Grout Color: Popeye's Custom Color	4x8		Nola Makers	Christina Dunbar / Sandra Torres Holland (o): 713-462-2411 popeyes@emser.com
TL-5	Wall Tile	Restroom Accent Band - Blank Spaces	Bedrosian Tile					Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com
TL-6	Wall Tile	Restroom Accent Band - Teal Letters	Creative Materials Corporation	Custom Popeye's Letter Logo Tile Sets	Color: White Finish: Matte Lettering Font: Chicken Sans Grout And Letters To Match Color: BM OC-669 "Oceanic Teal"	4.25"x8.5"	SINON	Nola Makers	Creative Materials Corporation (o) 1-800-207-2967 Ext. 7797 Popeyestile@creativematerialscorp.com
TL-6	Wall Tile	Restroom Accent Band - Teal Letters	Daltile				BINOB	Nola Makers	Alexandra Stefan (o): 305-477-8216 (c): 305-975-0689 E-Mail: Alexandra.stefan@daltile.com
TL-6	Wall Tile	Restroom Accent Band - Teal Letters	Emser Tile	Select	Color: White Finish: Matte Lettering Font: Chicken Sans Grout And Letters To Match Color: BM OC-669 "Oceanic Teal"	4x8	SINON	Nola Makers	Christina Dunbar / Sandra Torres Holland (o): 713-462-2411 popeyes@emser.com
TL-6	Wall Tile	Restroom Accent Band - Teal Letters	Bedrosian Tile				SINOP	Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com

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Page 5 of 8

	MATERIAL	APPLICATION	SOURCE	PRODUCT	COLOR	DIMENSION	REF IMAGE	IMAGE TYPE	VENDOR
QT-1	Alternate: Quarry Tile	Back of House Floors	Creative Materials Corporation	The second secon	Color: Grey Finish: Smooth To Be Used With Matching Epoxy Grout	6x6	ILLI IWAGE	Nola Makers	Creative Materials Corporation (o) 1-800-207-2967 Ext. 7797 Popeyestile@creativematerialscorp.com
QT-1	Alternate: Quarry Tile	Back of House Floors	Daltile		Color: OT03 Ashen Gray	6x6		Nola Makers	Alexandra Stefan (o): 305-477-8216 (c): 305-975-0689 E-Mail: Alexandra.stefan@daltile.com
QT-1	Alternate: Quarry Tile	Back of House Floors	Emser Tile	E-Quarry	Color: Smoke Finish: Smooth Grout: Laticrete Sandstone	6x6		Nola Makers	Christina Dunbar / Sandra Torres Holland (o): 713-462-2411 popeyes@emser.com
QT-1	Alternate: Quarry Tile	Back of House Floors	Bedrosian Tile	Mason	Color: Morning Fog Grout: Laticrete Sandstone	6x6		Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com
T-2									
QT-2	Alternate: Quarry Tile Base	Back of House Base	Creative Materials Corporation	Quarry Tile	Color: Grey Finish: Smooth To Be Used With Matching Epoxy Grout	6x6		Nota Makers	Creative Materials Corporation (o) 1-800-207-2967 Ext. 7797 Popeyestile@creativematerialscorp.com
QT-2	Alternate: Quarry Tile Base	Back of House Base	Daltile		Color: OT03 Ashen Gray	6x6		Nola Makers	Alexandra Stefan (0): 305-477-8216 (c): 305-975-0689 E-Mail: Alexandra.stefan@daltile.com
QT-2	Alternate: Quarry Tile Base	Back of House Base	Emser Tile	E-Quarry	Color: Smoke Finish: Smooth Grout: Laticrete Sandstone	6x6		Nola Makers	Christina Dunbar / Sandra Torres Holland (o): 713-462-2411 popeyes@emser.com
QT-2	Alternate: Quarry Tile Base	Back of House Base	Bedrosian Tile	Mason	Color: Morning Fog Grout: Laticrete Sandstone	6x6		Nola Makers	Tamara Ramsey (o): 469-560-6133 popeyes@bedrosians.com
-1	Primary: Resin Flooring	Back of House Floors	Silikal	Acrylic Resin	Color: Quartz Blend #4 Integral Cove Base			Nola Makers	popeyes@gbedrosians.com Mark Feldman (c) 775-772-2797 (o) 770-830-1404 mfeldman@silikalamerica.com
CK									
R-1 BR-1	Brick (Clip System)	Dining Room Accent Walls	Nichiha Fiber Cement	Vintage Brick	White Wash Prefinished	7 3/8" x 2 1/2" x 3/4"		Nola Makers	Matt Stephenson (o)770789.8229 popeyes@nichiha.com
									popeyes@nichiha.com
IT T.1									
rt-1 PT-1	Interior Paint	Interior Walls, Beadboard, Brick Walls And Soffits/Ceiling	Benjamin Moore	Ultra Spec 500 Eggshell	OC-068 Distant Gray			Nola Makers	Rodger Lippman (c): 848-702-0239 rodger.lippman@benjaminmoore.com

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DRAWINGS REVISED AS PER DESIGN BULLETIN

No. Date Description

PROJECT NORTH

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roject

19
72

POPEVES.

Store Type
US 2112 PROTOTYPE

2112-21 ation

> 1517 NC 24-87 CAMERON, NC

Drawing Title

FINISH SCHEDULE



ISSUE TABLE Date Description REVISIONS Description No. Date 1 8/01/2023 RESPONSE TO CITY 2 9/04/2023 HEALTH COMMENTS 3 9/12/2023 RESPONSE TO CITY 4 9/12/2023 HEALTH COMMENTS DRAWINGS REVISED AS PER DESIGN BULLETIN Date Description PROJECT NORTH THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".



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US 2112 PROTOTYPE

2112-21

1517 NC 24-87 CAMERON, NC

Drawing Title

FINISH SCHEDULE

AS NOTED JUNE 2023 Project No. Drawing No. A12.3 C22-129

PROJECT SPECIFICATIONS DIVISION 01 - GENERAL REQUIREMENTS GENERAL REQUIREMENTS SECTION 01 01 00

DIVISION 02 - EXISTING CONDITIONS (NOT INCLUDED) **DIVISION 03 - CONCRETE**

REINFORCED CONCRETE SECTION 03 30 00 **DIVISION 04 - MASONRY** UNIT MASONRY SECTION 04 20 00 **DIVISION 05 - METALS**

DECORATIVE METAL RAILING SECTION 05 73 00 DIVISION 06 - WOOD, PLASTICS AND COMPOSITES SECTION 06 10 00 ROUGH CARPENTRY

SHEATHING SECTION 06 16 00 SHOP FABRICATED WOOD SECTION 06 17 53 FINISH CARPENTRY SECTION 06 20 00 DIVISION 07 - THERMAL AND MOISTURE PROTECTION

THERMAL INSULATION EXTERIOR INSULATION AND SECTION 07 24 00 FLUID APPLIED MEMBRANE SECTION 07 27 26 EXTRUDED ALUMINUM SIDING SECTION 07 46 16 MEMBRANE ROOFING SECTION 07 50 00 SHEET METAL FLASHING SECTION 07 62 00 GUTTERS AND DOWNSPOUTS SECTION 07 71 23 JOINT SEALANTS SECTION 07 92 00 **DIVISION 08 - OPENINGS**

METAL DOORS AND FRAMES SECTION 08 11 00 ALUMINUM ENTRANCES AND SECTION 08 41 13 STOREFRONT WINDOWS PASS-THRU WINDOWS SECTION 08 56 19 DOOR HARDWARE **SECTION 08 70 00** SECTION 08 80 00

DIVISION 09 - FINISHES GYPSUM BOARD ASSEMBLIES SECTION 09 21 00 SECTION 09 30 13 CERAMIC TILING ACOUSTIC TILE CEILINGS SECTION 09 51 23 FIBERGLASS REINFORCED SECTION 09 77 50 PAINTING SECTION 09 91 00

DIVISION 10 - SPECIALTIES WALL PROTECTION SECTION 10 26 00 TOILET ACCESSORIES SECTION 10 28 00 FIRE PROTECTION SECTION 10 44 00

DIVISION 12 - WINDOW TREATMENTS

SECTION 12 21 23

DIVISION 22 - PLUMBING

SPECIALTIES

ROLL-DOWN BLINDS

SEE MECHANICAL DRAWINGS

DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING

SEE MECHANICAL DRAWINGS

DIVISION 26 - ELECTRICAL

SEE ELECTRICAL DRAWINGS

APPROVED SUPPLIERS LIST

B. ARTICLE 11.3 PROPERTY INSURANCE OF SAID "GENERAL EXAMINATION OF SITE: CONDITIONS" IS HEREBY AMENDED AND MODIFIED AS FOLLOWS: ALL BIDDERS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST INSURANCE: FOR PROJECTS WHERE AFC ENTERPRISES IS THE EXAMINE THE SITE (PREMISES) AND ALL SUCH CONDITIONS AS MAY OWNER, THE CONTRACTOR SHALL PROVIDE THE BUILDER'S RISK AFFECT THE WORK UNDER THIS CONTRACT. FAILURE TO EXAMINE THE SITE WILL NOT RELIEVE THE SUCCESSFUL BIDDER FROM THE

BIDDING REQUIREMENTS; INSTRUCTIONS TO BIDDERS

A. NO ORAL EXPLANATION IN REGARD TO THE MEANING OF THE

DRAWINGS AND SPECIFICATIONS WILL BE MADE AND NO ORAL

ISTRUCTIONS WILL BE GIVEN BEFORE THE AWARD OF THE

DRAWINGS AND SPECIFICATIONS SHALL BE COMMUNICATED IN WRITING TO THE OWNER FOR INTERPRETATION.

IN THE EVENT OF UNRESOLVED DISCREPANCIES OR AMBIGUITY,

SUFFICIENT TIME FOR A REPLY TO REACH THEM BEFORE THE

ARCHITECT OF RECORD WILL BE THE FINAL JUDGE ON PLAN NTERPRETATION. BIDDERS SHOULD ACT PROMPTLY AND ALLOW

SUBMISSION OF THEIR BIDS. ANY REVISION MADE WILL BE IN THE

FORM OF AN ADDENDUM TO THE SPECIFICATIONS BEARING THE

APPROVAL OF THE OWNER AND WILL BE FORWARDED TO ALL

ACKNOWLEDGED BY THE BIDDER BY HIS SIGNATURE AFFIXED

THERETO AT THE TIME OF RECEIPT AND VERIFIED BY HIS

A. THE BIDDER IS REQUIRED TO BID ON ALL ALTERNATES AND/OR

ALLOWANCES OR ON ALL ITEMS CALLED FOR IN THE BID FORM, EXCEPT WHEN ALTERNATES ARE CALLED FOR ON A TYPE OR METHOD OF

CONSTRUCTION AS TO WHICH BIDDER DOES NOT DESIRE TO BID. HE

MAY INSERT THE WORDS "NO BID" IN THE SPACE PROVIDED FOR PRICE ON SUCH ALTERNATE TYPE OR METHOD OF CONSTRUCTION.

BIDS SHALL BE SUBMITTED ON THE FORMS FURNISHED AND SHALL BE SIGNED IN INK. ERASURES OR OTHER CHANGES IN A BID MUST

BE EXPLAINED OR NOTED OVER THE SIGNATURE OF THE BIDDER

ROPOSAL, OR IRREGULARITIES OF ANY KIND, MAY BE REJECTED

BIDS CONTAINING ANY CONDITIONS, OMISSIONS, UNEXPLAINED

ERASES OR ALTERNATES. OR ITEMS NOT CALLED FOR IN THE

BIDS SHALL BE ACCOMPANIED BY ONE (1) SIGNED COPY OF POPEYE'S

CONTRACTOR'S COST WITH NO MARKUP FOR OVERHEAD OR PROFIT BY

RHEAD, AND PROFIT FOR THE GENERAL CONTRACTOR'S WORK

INFORMALITIES IN THE MAKING, RECEIVING, AND OPENING OF BIDS AND THE AWARDING OF CONTRACTS THEREON, AND THE FURTHER RIGHT

. AIA DOCUMENT A305 - CONTRACTORS QUALIFICATIONS STATEMENT

AIA DOCUMENT G701 - CHANGE ORDER.
 AIA DOCUMENT G702 - APPLICATION AND CERTIFICATE OF PAYMENT.

THIS DOCUMENT SUMMARIZES THE CONTRACT AMOUNT, WORK

COMPLETED, STORED MATERIALS, RETAINAGE, PREVIOUS
CERTIFICATES OF PAYMENT, AND THE CURRENT AMOUNT DUE.

AIA DOCUMENT G703 - CONTINUATION SHEET (ONE (1) OR MORE

SUMMARIZED ON DOCUMENTS G702. IT PROVIDES A PROJECT

DIRECTLY TO THE JOB SITE OR IDENTIFIED IN ANY WAY THE SUPPLIER WITH AFCE. CONTRACTOR'S OVERHEAD AND PROF

SHALL BE SHOWN AS A SEPARATE LINE ITEM. IF SUBCONTRACTOR

CONTRACTOR'S OVERHEAD AND PROFIT LINE. UNLESS A CHANGE

ORDER IS INVOLVED, THE TOTAL CONTRACT AMOUNT SHALL REMAIN

AMOUNTS CHANGE FROM AMOUNTS SHOWN ON THE ORIGINAL

PROJECT BREAKDOWN, THE CHANGES SHALL BE SHOWN ON THE

PAYMENT REQUEST WITH A CORRESPONDING CHANGE TO THE

THE SAME.
5. CERTIFICATE OF SUBSTANTIAL COMPLETION, AIA DOCUMENT A704.

AIA DOCUMENT G706 - CONTRACTOR'S AFFIDAVIT OF PAYMENT OF

AIA DOCUMENT G706A - CONTRACTOR'S AFFIDAVIT OF RELEASE OF

LIENS - IN THIS DOCUMENT, THE CONTRACTOR SWEARS THAT AL

SUBCONTRACTORS AND MATERIALMEN ARE LISTED ON G703 AN THAT WAIVERS OF LIENS, HIS OWN INCLUDED, ARE ATTACHED.

12 PARTIAL WAIVER OF LIEN FORM IN THIS FORM THE CONTRACTOR

A LIEN FOR WORK PERFORMED TO DATE. THIS DOCUMENT IS

ACCEPTABLE FOR INTERIM CERTIFICATES OF PAYMENT.

13. FINAL WAIVER OF LIEN FORM - IN THIS FORM, THE CONTRACTOR,

UBCONTRACTORS AND MATERIALMEN WAIVE THEIR RIGHT TO FILE

SUBCONTRACTORS AND MATERIALMEN WAIVE THEIR RIGHT TO FILE

14. CONTRACTOR'S AFFIDAVIT OF DISCLOSURE OF DEBTS AND CLAIMS.

AND CLAIMS ARE DISCLOSED. IT SUMMARIZES THE CURRENT AMOUNT DUE EACH FIRM (CONTRACTOR, SUBCONTRACTOR, OR MATERIALMEN) LISTED ON G703. IT ALSO PROVIDES THE ADDRESS,

PHONE NUMBER, AND REPRESENTATIVE OF EACH FIRM.

GENERAL CONDITIONS

PART OF THE CONTRACT.

O COMPLY WITH SAID ACT".

ARTICLE 3 - CONTRACTOR:

IN THIS DOCUMENT, THE CONTRACTOR SWEARS THAT ALL DEBTS

A. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION",

HEREWITH MADE A PART OF THIS SPECIFICATION. COPIES ARE TO BE

THE CONTRACT FOR CONSTRUCTION SHALL BE POPEYES LOUISIANA KITCHEN,
 INC. "CONSTRUCTION CONTRACT AGREEMENT" FOR ALL CONSTRUCTION.

STANDARD FORM OF THE AMERICAN INSTITUTE OF ARCHITECTS, FORM A-201, LATEST EDITION, ARE HEREBY, EXCEPT AS THE SAME MAY BE INCONSISTENT

BTAINED AND ARE INCORPORATED BY REFERENCE AND HEREBY MADE A

HEREBY THE AIA PROVISION OF SUCH ARTICLE SHALL REMAIN IN EFFECT. ALI

THERETO. WHERE ANY PORTION OF SUCH ARTICLE IS AMENDED. VOIDED OR

SUPERSEDED THEREBY, THE PROVISIONS OF SUCH ARTICLE NOT SO SPECIFICALLY AMENDED, VOIDED, OR SUPERSEDED SHALL REMAIN IN EFFECT.

B. WHERE ANY ARTICLE OF THE AIA "GENERAL CONDITIONS" IS SUPPLEMENTED

THE SUPPLEMENTARY CONDITIONS SHALL BE CONSIDERED AS IF ADDED

C. THE GENERAL CONDITION SUPPLEMENTARY CONDITIONS AND APPLICABLE

THE LAWS OF THE STATE OF THE LOCATION OF THE PROJECT, SUCH

ARTICLE, OR PORTION OF THE ARTICLE IS HEREBY STRICKEN.
"CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE 1990
AMERICANS WITH DISABILITIES ACT (29CFR PART 1630). TITLE III

AND THE REGULATIONS PROMULGATED IN ACCORDANCE THEREIN. CONTRACTOR SHALL INDEMNIFY AND HOLD OWNER AND

ARCHITECT HARMLESS FROM ANY AND ALL LOSSES, SUITS, CLAIMS,

COSTS, EXPENSES AND OTHER DAMAGES WHICH MAY BE INCURRED

BY OWNER/ARCHITECT AS A RESULT OF CONTRACTOR'S FAILURE

A. ARTICLE 3.4 LABOR AND MATERIALS OF SAID "GENERAL CONDITION"

THE PROPER EXECUTION AND COMPLETION OF THE WORK, BOTH

D. WHERE ANY ARTICLE OR PORTION OF AN ARTICLE CONFLICTS WITH

SUBSEQUENT SECTIONS OF THESE SPECIFICATIONS.

PORTIONS OF DIVISION LOF THE SPECIFICATIONS APPLY TO ANY AND ALL

/EARS THAT ALL SUBCONTRACTORS AND MATERIALMEN ARE

DEBTS AND CLAIMS - IN THIS DOCUMENT. THE CONTRACTOR

DISCLOSED ON G703 AND THAT EACH HAS BEEN PAID.

AIA DOCUMENT G713 - CHANGE ORDER AUTHORIZATIONS.

6. CERTIFICATE OF INSURANCE, AIA DOCUMENT G705.

9. AIA DOCUMENT G805 - LIST OF SUBCONTRACTORS

1. CONSENT OF SURETY (SURETY COMPANY'S FORM)

PAID TO A THIRD PARTY. MATERIALS TAKEN FROM THE CONTRACTOR'S INVENTORY SHOULD BE LISTED AS "G.C. MATERIALS". THIS MAY NOT INCLUDE MATERIALS DELIVERE

HEETS AS REQUIRED). THIS DOCUMENT DETAILS THE AMOUNT

BREAKDOWN AND DISCLOSES THE NAME OF THE COMPANY PROVIDING LABOR AND MATERIALS. WHEN LABOR IS PAID BY THE

CONTRACTOR DIRECTLY TO INDIVIDUAL WORKERS, IT SHOULD BE

DENTIFIED AS "G.C. LABOR". THIS DOES NOT INCLUDE ANY LABOR

TO WAIVE ANY SUCH INFORMALITY WHEN SUCH WAIVER IS, IN THE

DISCRETION OF THE OWNER, TO THE BEST INTEREST, ALSO. TO

ACCEPT ANY ITEM IN THE BID UNLESS OTHERWISE SPECIFIED.

THE OWNER RESERVES THE RIGHT TO REJECT ANY AND ALL

STANDARD "BID ANALYSIS" FORM. AS INDICATED ON THE FORM.

THE GENERAL CONTRACTOR HOWEVER FACHLINE ITEM SHALL

INDICATE THE FULL VALUE OF SUBCONTRACTOR WORK INCLUDING

INDIVIDUAL LINE ITEMS ARE TO BE SHOWN AT THE GENERAL

SUBCONTRACTOR'S OVERHEAD AND PROFIT. SUPERVISION.

THE OWNER RESERVES THE RIGHT TO DETERMINE WHAT ARE

BIDDERS AND ITS RECEIPT BY THE BIDDER SHOULD BE

B. EACH PROSPECTIVE BIDDER WILL BE FURNISHED BIDDING

ACKNOWLEDGMENT ON THE BID FORM.

OCUMENTS TO COMPLETE THEIR BID

BY THE OWNER AS BEING INCOMPLETE.

SHALL BE SHOWN ON THE APPROPRIATE LINES.

AWARD OF CONTRACT:

REJECTION OF BIDS:

STANDARD FORMS:

PREPARATION & SUBMISSION OF BIDS:

THE WORK WITHOUT ADDITIONAL COST TO THE OWNER.

EXPLANATION TO BIDDERS

SITY TO PROVIDE WORK THAT MAY BE REQUIRED TO COMPLETE

SCREPANCIES, OMISSIONS, OR DOUBTS AS TO MEANING OF THE

THE INSURANCE SHALL BE IN AN AMOUNT EQUAL TO THE TOTAL AMOUNT OF THE CONTRACT, LESS THE AMOUNT OF THE SITE WORK. INSURANCE WILL BE ON ALL RISK BASIS WITH \$5,000.00 DEDUCTIBLE. THE \$5,000 DEDUCTIBLE WILL BE PAID BY THE THE TOTAL AMOUNT OF LOSSES OF ALL BUILDING MATERIAL. TOOLS AND EQUIPMENT IN HIS POSSESSION AND NOT PERMANENTLY AFFIXED TO THE BUILDING OR SITE. BUILDERS' RISK INSURANCE CERTIFICATES WILL BE FURNISHED UPON REQUEST BY AFCE. ONE COPY WILL BE SENT DIRECTLY CLAIMS FOR DAMAGES MUST BE REPORTED TO AFCE'S INSURANCE DEPARTMENT. IMMEDIATELY BY TELEPHONE (404)

391-9500. TELEPHONE REPORTS MUST BE FOLLOWED UP WITHIN TWENTY FOUR (24) HOURS BY A WRITTEN REPORT. SEND THE FIRST COPY TO AFCE'S INSURANCE DEPARTMENT, 5555 GLENRIDGE CONNECTOR, NE, SUITE 300, ATLANTA, GA 30342, AND SEND THE COPY TO AFCE'S CONSTRUCTION DEPARTMEN (SAME ADDRESS). THE CONTRACTOR SHALL RETAIN THE THIRI COPY FOR HIS FILES. BLANK FORMS ARE AVAILABLE FROM

ARTICLE 7 - CHANGES IN THE WORK: A. ARTICLE 7.2 CHANGE ORDERS OF SAID "GENERAL CONDITIONS" SUBPARAGRAPH 7.2.1 IS HEREBY EXTENDED AS FOLLOWS: 4. IN CONSIDERING PROPOSALS FOR CHANGES INVOLVING ADDED WORK, OMITTED WORK, OR ANY COMBINATION OF THE TWO CHECKING OF ESTIMATES WILL BE MADE BY THE OWNER, UTILIZING UNIT PRICES WHERE SPECIFIED OR AGREED UPON WITH THE VIEW OF ARRIVING AT EQUITABLE ADJUSTMENTS

5. WITH EACH PROPOSAL FOR A CHANGE INVOLVING INCREASE OR DECREASE IN THE AMOUNT OF THE CONTRACT, THE CONTRACTOR SHALL SUBMIT SEPARATELY AN ITEMIZER BREAKDOWN THAT WILL INCLUDE BUT NOT BE LIMITED TO THE (A) MATERIAL QUANTITIES AND UNIT PRICES (SEPARATED INTO TRADES). PROVIDE BONA FIDE MANUFACTURER'S OR SUPPLIERS' PROPOSALS FOR MANUFACTURED OR PRE

ASSEMBLED ITEMS. (B) LABOR COST (C) CONSTRUCTION EQUIPMENT D) WORKMEN'S COMPENSATION AND PUBLIC LIABILITY (E) OVERHEAD

(G) SOCIAL SECURITY TAX SUPPLEMENTARY CONDITIONS 1. PAYMENT TO CONTRACTOR:

A. MONTHLY CONTRACT PAYMENT MONTHLY PROGRESS PAYMENTS SHALL BE PAID BY THE OWNER FOR 90% OF THE WORK COMPLETED AND MATERIALS STORED AS THE OWNER ON THE JOINT PAYEE BASIS. REIMBURSEMENT BASIS OR CASH ADVANCE BASIS AT THE ELECTION OF THE OWNER. CONTRACTOR IS TO FORWARD AUTHORIZED CHANGE ORDEF DIRECTIVES, AIA DOCUMENT G701, WHICH HAVE BEEN INCURRED TO THAT POINT, WITH APPLICATION FOR PAYMENT. CONTRACTOR IS TO ADVISE OWNER OR ITS AGENT OF ANY ITEM HE OR SUBCONTRACTOR BELIEVES IS AN ADDITIONAL COST OVER CONTRACT AMOUNT PRIOR TO DOING WORK. 1) JOINT PAYEE BASIS

CONTRACTORS WILL MAKE APPLICATION TO AFCE ON OR BEFORE THE TENTH OF EACH MONTH FOR A CHECK PAYABLE JOINTLY TO THE SUBCONTRACTORS AND/OR MATERIAL SUPPLIERS AND THE CONTRACTOR. THE REQUEST WILL BE SUPPORTED BY THE ORIGINALS OF THE FOLLOWING DCUMENTATION (EXPLANATION OF THESE FORMS ARE GIVEN UNDER STANDARD FORMS):
(A) AIA DOCUMENT G702 - APPLICATION AND CERTIFICATE OF

(B) AIA DOCUMENT G703 - CONTINUATION SHEET. (C) CONTRACTOR'S AFFIDAVIT OF DISCLOSURE OF DEBTS AND LAIMS. THIS FORM WILL BE PROVIDED BY POPEYES OUISIANA KITCHEN . INC (D) INVOICES AND/OR TIME SHEETS WILL ACCOMPANY THE CERTIFICATE OF PAYMENT IN SUPPORT OF WORK AND MATERIALS PROVIDED DURING THE PERIOD OF THE

APPLICATION FOR THE CONTRACTOR AND FOR EACH UBCONTRACTOR AND MATERIAL SUPPLIER REFLECTED ON THE APPLICATION. CONTRACTOR'S PARTIAL WAIVER OF LIENS FOR ALL WORK AND MATERIALS COMPLETED THROUGH THE BILLING DATE FOR THE CONTRACTOR AND FOR EACH SUBCONTRACT AND MATERIAL SUPPLIER REFLECTED ON THE APPLICATION VILL BE EXECUTED BY THE JOINT PAYEE CHECK **ENDORSEMENT AS FOLLOWS:**

ALL PAYEES MUST SIGN THIS DISCHARGE "ALL CLAIMS, INTEREST, AND DEMANDS OF THE IGNED FOR LABOR DONE OR MATERIAL FURNISHED, AND FOR LIENS, JUDGMENTS, MORTGAGES. OR ANY ACCOUNT WHATSOEVER AGAINST THE PROPERTY (TO BE) OCCUPIED AS A POPEYE'S RESTAURANT AT: (ADDRESS HERE)

THE OWNER THEREOF, ARE PAID AND SATISFIED RELEASED, AND DISCHARGED TO THE EXTENT OF THE AMOUNT OF THIS CHECK. THE ENDORSEMENT OF THIS CHECK IS FULL EXECUTION OF THE FOREGOING RELEASE AND SHALL BEAR MY SIGNATURE THEREON." EXCEPT FOR ANNOTATING THE ADDRESS OF THE ONSTRUCTION SITE, THE ENDORSEMENT MUST NOT BE ALTERED OR QUALIFIED IN ANY WAY.

(2) REIMBURSEMENT BASIS CONTRACTORS WILL PAY ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS AND MAKE PRESENTATION TO POPEYES (ITCHEN ON OR BEFORE THE TENTH OF EACH MONTH FOR REIMBURSEMENT. THEIR REQUEST WILL BE SUPPORTED BY THE ORIGINALS OF THE FOLLOWING DOCUMENTS (EXPLANATIONS OF THESE FORMS ARE GIVEN UNDER STANDARD FORMS):
(A) AIA DOCUMENT G702 - APPLICATION AND CERTIFICATE FOR

(B) AIA DOCUMENT G703 - CONTINUATION SHEET. (C) AIA DOCUMENT G706 - CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS.

(D) AIA DOCUMENT G706A - CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS. (E) PARTIAL WAIVER OF LIEN FORM. B. FINAL PAYMENT CONTRACTORS WILL MAKE APPLICATION TO POPEYES LOUISIANA KITCHEN, INC. OR OWNER/FRANCHISEE FOR THE FINAL PAYMEN THE REQUEST WILL BE SUPPORTED BY THE ORIGINALS OF THE

OWING DOCUMENTATION (EXPLANATIONS OF THESE FORMS ARE GIVEN UNDER STANDARD FORMS): AIA DOCUMENT G702 - APPLICATION AND CERTIFICATE FOR (2) AIA DOCUMENT G703 - CONTINUATION SHEET. (3) AIA DOCUMENT G706, AIA DOCUMENT G706A AND FINAL WAIVER OF LIENS FORM PROPERLY EXECUTED AND

ACKNOWLEDGED. (4) AIA DOCUMENT G805 - LIST OF SUBCONTRACTORS
WITHIN THIRTY (30) DAYS AFTER RECEIPT OF THE FILING FOR
FINAL PAYMENT, THE OWNER SHALL PAY TO THE CONTRACTOR THE AMOUNT THEREIN STATED, LESS ALL DEDUCTIONS AUTHORIZED BY THE TERMS OF THIS CONTRACT AND PRIOR PAYMENTS AND ADVANCES WHATSOEVER TO OR FOR THE ACCOUNT OF THE CONTRACTOR.
ALL PRIOR ESTIMATES AND PAYMENTS INCLUDING THOSE RELATING TO EXTRA WORK SHALL BE SUBJECT TO CORRECTION AT THE TIME OF THIS PAYMENT, WHICH IS THROUGHOUT THIS CONTRACT CALLED FINAL PAYMENT. FINAL PAYMENT SHALL BE

THE DATE OF THIS CERTIFICATE SHALL SERVE AS THE TIME FOR

SUM WILL BE HANDLED BY CHANGE ORDER AUTHORIZATION OR CHANGE

A. THIS PROJECT IS SUBJECT TO STATE AND LOCAL SALES TAX. INCLUDE SALES TAX ON ALL MATERIALS USED IN THE PROJECT.

B. WITH EACH REQUEST FOR PAYMENT, PROVIDE A CERTIFIED

STATEMENT OF THE AMOUNT PAID FOR SALES TAX IN THE

THE CONTRACTOR, HIS AGENT, OR HIS EMPLOYEES SHALL NOT

OF THIS CONTRACT, NO MATTER HOW REMOTE

DISCRIMINATE IN ANY MANNER ON THE BASIS OF RACE, COLOR, CREED

SEX. OR NATIONAL ORIGIN WITH REFERENCE TO THE SUBJECT MATTER

PARAGRAPH 4.4.3 IS HEREBY ADDED AS FOLLOWS: "ALL CONTRACTORS AND SUBCONTRACTORS EMPLOYED UPON THE SUBJECT TO INSPECTION AND ACCEPTANCE BY THE OWNER OR WORK SHALL BE REQUIRED TO CONFORM TO THE FEDERAL, STATE, DULY AUTHORIZED REPRESENTATIVES OF THE OWNER, AND BY AND LOCAL LABOR LAWS AND VARIOUS ACTS AMENDATORY AND THE REPRESENTATIVES OF ALL AGENCIES HAVING DIRECT INTEREST IN THE PROJECT. SUPPLEMENTARY THERETO, AND TO ALL OTHER LAWS, ORDINANCES, AND LEGAL REQUIREMENTS APPLICABLE THERETO." QUESTIONS REGARDING APPLICATIONS CAN BE RESOLVED BY B. ARTICLE 3.6 TAXES OF SAID "GENERAL CONDITIONS" PARAGRAPH CONTACTING POPEYE'S CONSTRUCTION MANAGER. 3.6.1 IS HEREBY AMENDED AND SUPPLEMENTED AS FOLLOWS: "THE CONTRACTOR SHALL PAY FOR ALL TAXES NECESSARY FOR 2. CERTIFICATE OF SUBSTANTIAL COMPLETION:

EMPORARY AND PERMANENT COMPUTING THE GUARANTEE PERIOD OF THE BUILDING UNLESS C. ARTICLE 3.7 PERMITS, FEES AND NOTICES OF SAID "GENERAL OTHERWISE AGREED UPON. 3. OWNER'S USE AND OCCUPANCY OF BUILDING BEFORE ACCEPTANCE OF CONDITIONS" PARAGRAPH 4.7.3 DELETE IN ITS ENTIRETY AND SUBSTITUTE IN LIEU THEREOF AS FOLLOWS:
"THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE THE OWNER, FOR OCCUPANCY OF THE BUILDING DESCRIBED IN THE OWNER ANY CONFLICTS, OMISSIONS, DELETIONS, OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS WHICH DO NOT CONFORM DRAWINGS, MAY TAKE POSSESSION OF AND USE SAME AS HE SO DESIRES UPON A SUBSTANTIAL COMPLETION OF THE CONTRACT, ALSO FURTHER UPON RELIEVING THE CONTRACTOR OF ANY DAMAGE DONE TO APPLICABLE ZONING, CODE AND OTHER USE REGULATIONS AND/OR TO THE AMERICANS WITH DISABILITIES ACT AND TO THE BUILDING DUE SOLELY TO SUCH OCCUPANCY BY SAID OWNER BUT UNDER NO CIRCUMSTANCES SHALL SUCH OCCUPANCY BE AN REGULATIONS PROMULGATED THEREUNDER. THE CONTRACTOR SHALL NOT BE LIABLE TO THE OWNER OR THE ARCHITECT FOR ANY ACCEPTANCE OF THE WORK FOR THE COMPLETION OF THE CONTRACT DAMAGES RESULTING FROM ANY SUCH ERRORS EXCEPT THAT OR AN ACCEPTANCE OF THE LABOR DONE AND MATERIALS USED OR CONTRACT SHALL BE FULLY AND EXCLUSIVELY LIABLE UPON FAILURE TO PUT ARCHITECT ON NOTICE OF SAID CONFLICTS,

4. MANUFACTURED ITEMS IN THE SPECIFICATIONS: OMISSIONS, DELETIONS, OR ERRORS."

D. ARTICLE 3.15 CLEANING UP OF SAID "GENERAL CONDITIONS" WHERE ITEMS ARE LISTED IN THE SPECIFICATIONS AND/OR "OR EQUAL" IS MENTIONED, THE MATERIALS LISTED SHALL BE USED. THESE MATERIALS PARAGRAPH 3.15.1 HEREBY AMENDED AND ADDED AS FOLLOWS: SHALL BE INCLUDED IN THE BID SUBMITTED ON THE BID FORM. NO "HE SHALL REMOVE FROM THE JOB SITE ALL CRATES, PACKING, DEVIATION FROM THE MATERIALS LISTED SHALL BE MADE BY THE DEBRIS, ETC. FROM KITCHEN EQUIPMENT. HE SHALL BROOM CLEAN CONTRACTORS SUBMITTING BIDS. AFTER AWARD OF THE CONTRACT THE BUILDING INTERIOR DAILY. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL LEAVE THE BUILDING CLEANED THE CONTRACTOR MAY SUBMIT A SUBSTITUTE MATERIAL FOR THE ITEMS SPECIFIED AS AN "EQUAL" TO THE MATERIAL. SUCH REQUEST SHALL BE DUST FREE, CLEAN ALL GLASS, REPLACE ANY BROKEN GLASS. SUPPORTED BY TECHNICAL DATA SHOWING THAT THE MATERIALS OR SERVICE IS EQUAL TO THE ITEMS SPECIFIED AND STATING THE AMOUNT REMOVE STAINS, SPOTS, MARKS AND DIRT FROM DECORATED WORK, CLEAN HARDWARE, REMOVE PAINT SPOTS FROM ALL OF DECREASE OR INCREASE IN THE CONTRACT SUM. IF NO CHANGE IN THE CONTRACT SUM WILL BE MADE, STATE "NO CHANGE". THE SURFACES, CLEAN FIXTURES, AND WASH ALL TILE FLOORS. CONSULTANT'S ARCHITECTURE AND ENGINEERING DEPARTMENT WILL DETERMINE IF THE MATERIAL IS ACCEPTABLE AS A SUBSTITUTE FOR THE SPECIFIED ITEM AND MAKE NOTIFICATION IN WRITING TO THE CONTRACTOR, THIS RULING BEING FINAL. CHANGES TO THE CONTRACT

5. SALES TAX:

6. NONDISCRIMINATION CLAUSE:

ARTICLE 11 - INSURANCE:

A. ARTICLE 11.1 CONTRACTOR'S LIABILITY INSURANCE OF SAID
"GENERAL CONDITIONS" IS HEREBY MODIFIED AS FOLLOWS: INSURANCE: COMPREHENSIVE, AUTOMOBILE, UMBRELLA LIABILITY CERTIFICATES OF INSURANCE FROM CARRIERS APPROVED BY THE OWNER SHALL BE FILED IN NOT LESS THAN THE FOLLOWING AMOUNTS OR GREATER AMOUNTS AS REQUIRED BY LAW PRIOR TO COMMENCEMENT OF THE WORK: 1. WORKMEN'S COMPENSATION:

AS REQUIRED BY LAW IN APPLICABLE STATE COMPREHENSIVE GENERAL LIABILITY:
 (A) \$1,000,000 PER OCCURRENCE COMBINED- SINGLE LIMIT (B) \$2,000,000 AGGREGATE OWNED AND NON-OWNED AUTOMOBILE LIABILITY:

\$500,000 PER OCCURRENCE 4. 4. EXCESS (UMBRELLA) LIABILITY \$2,000,000 PER OCCURRENCE ALL INSURANCE POLICIES AND CERTIFICATES FOR WORK PERFORMED FOR AFCE SHALL SHOW OWNER AS AN ADDITIONAL NAMED INSURED PARTY MUST ALSO STATE THAT THE COVERAGE AFFORDED UNDER THE POLICIES SHALL NOT BE CANCELED WITHOUT THIRTY (30) DAY PRIOR NOTICE TO THE OWNER AS EVIDENCED BY THE RETURN RECEIPT OF A REGISTERED LETTER AND BE IN FULL FORCE FOR 3 YEARS FOLLOWING COMPLETION EXPIRATION OR TERMINATION OF THIS CONTRACT.

DIVISION 01 - GENERAL REQUIREMENTS WORK OF CONTRACT

PART 1 - GENERAL 1.1 CONTRACT DOCUMENTS A. THE CONSTRUCTION CONTRACT DOCUMENT WILL BE PREPARED BY POPEYES. A COPY MAY NOT BE BOUND WITH THESE DOCUMENT

B. THE STANDARD FORM OF GENERAL CONDITIONS OF THE STIPULATED PRICE INTRACT CCDC 2, 2008, AND SUPPLEMENTARY CONDITIONS THERETO FORM AN INTEGRAL PART OF THE SPECIFICATIONS.

C. PERFORM ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS UNDER ONE D. AN EXECUTED CCDC CONTRACT WILL BE REQUIRED BEFORE APPLICATION OF PERMIT.

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INCLUSION OF ALL WORK REQUIRED FOR COMPLETION OF THE PROJECT AND SHALL CO-ORDINATE THE WORK OF HIS SUBCONTRACTORS SO THAT IT IS ACCOMPLISHED.

B. THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS AND SPECIFICATIONS AND REPORT AND DISCREPANCIES TO THE OWNER PRIOR TO SUBMITTING TENDER C. THE CONTRACTOR IS RESPONSIBLE FOR CO-ORDINATION OF ALL SUB-TRADES AS OUTLINED IN INSTRUCTIONS TO BIDDERS.

D. THE CONTRACTOR SHALL OFF-LOAD KITCHEN EQUIPMENT SUPPLIED BY STORE FIXTURE COMPANY AND POPEYES. E. THE CONTRACTOR IS TO CLEAN THE SITE AND BUILDING BEFORE THE STORE (TURES AND POPEYES EQUIPMENT DELIVER)

F. CONTRACTOR AND SUB-TRADES TO BE ON SITE AT ALL TIMES DURING EQUIPMENT G. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING REFUSE REMOVAL FOR DURATION OF PROJECT H. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ROOF OF ALL DEBRIS AT THE END

. THE CONTRACTOR SHALL KEEP THE SITE CLEAN AND ORDERLY CLEAN THE BUILDING AND SITE AT THE END OF EACH DAY DURING THE CONSTRUCTION PERIOD. 1.3 CONSTRUCTION STANDARDS A. CONSTRUCTION WORK TO EQUAL OR EXCEED MINIMUM STANDARDS SPECIFIED FOR

OF CONSTRUCTION.

MATERIALS, INSTALLATION METHODS, WORKMANSHIP AND CONSTRUCTION IN PART OF THE BUILDING CODE, LATEST EDITION, EXCEPT WHERE ADDITIONAL OR MORE STRINGENT REQUIREMENTS ARE IMPOSED BY REFERENCE TO OTHER PARTS OF THE NATIONAL BUILDING CODE OF CANADA, BY PROVINCIAL CODES, BY LOCAL JURISDICTIONAL AUTHORITIES. OR BY THE DRAWINGS. SPECIFICATIONS. SPECIFIE REFERENCE STANDARDS, AND OTHER INSTRUCTIONS INCLUDED WITH, OR ISSUED IN RELATION TO, THE CONTRACT DOCUMENTS FOR THIS PROJECT. 1.4 GENERAL CONTRACTOR

A GENERAL CONTRACTOR TO CO-ORDINATE AND OBTAIN ALL REQUIRED INSPECTION CERTIFICATES AND DELIVER TO THE OWNER A FINAL OCCUPANCY PERM B. GENERAL CONTRACTOR TO OBTAIN ALL REQUIRED SURVEYS TO MEET BUILDING

AYOUT AND BUILDING PERMIT REQUIREMENT C. GENERAL CONTRACTOR TO OBTAIN A REGISTERED SURVEY FOR THE BUILDING AND SITE PRIOR TO RELEASE OF FINAL PAYMENT AS NOTED IN THE INSTRUCTION TO

1.5 SECURITY A. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF ALL AREAS AFFECTED BY WORK OF THIS CONTRACT UNTIL TAKEN OVER BY THE POPEYES, TO TAKE STEPS TO PREVENT ENTRY TO THE WORK BY UNAUTHORIZED PERSONS AND GUARD AGAINST THEFT, FIRE AND DAMAGE BY ANY CAUSE.

B. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PREVENTION OF VANDALISM AND THEFT OF ALL TOOLS, EQUIPMENT, MATERIALS AND OWNER'S CONTENTS.

A. BE GOVERNED BY PERTINENT SAFETY REQUIREMENTS OF FEDERAL, PROVINCIAL OR MUNICIPAL BODIES HAVING AUTHORITY, PARTICULARLY THE CONSTRUCTION SAFET ACT, THE OCCUPATIONAL HEALTH AND SAFETY ACT, AND WORK IN CONJUNCTION WITH THE PROPER SAFETY ASSOCIATIONS OPERATING UNDER THE AUTHORITY OF EACH JURISDICTION.

B. PROTECT OWNER, OWNER'S EMPLOYEES, THE PUBLIC AND THOSE EMPLOYED ON THE WORK FROM BODILY INJURY AND TO PROTECT ADJACENT PUBLIC, PRIVATE AND OWNER'S PROPERTY FROM DAMAGE. C. FURNISH AND MAINTAIN PROTECTION, SUCH AS WARNING SIGNS, TARPAULINS, GUARD

RAILS, BARRIERS, NIGHT LIGHTS, RAILINGS AROUND SHAFTS, PIT AND STAIRWELLS, ETC. AS REQUIRED, REMOVE TEMPORARY PROTECTIVE MEASURES WHEN NO

1.7 SHOP DRAWINGS

A. SUBMIT SHOP DRAWINGS FOR ALL NON-SPECIFIED MATERIALS AND PRODUCTS IN CONFORMANCE WITH INDUSTRY STANDARDS. B REFER TO DIVISION AND SECTIONS OF THE SPECIFICATION FOR WORK REQUIRING SHOP DRAWING SUBMISSION. SUCH WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: ROOF JOISTS, ROOFING MATERIAL LIST, DOORS AND FRAMES, HARDWARE, ELECTRICAL PANELS AND CIRCUITING.

1.8 SHOP DRAWINGS A THE CONTRACTOR TO PROVIDE AS BUILT DRAWINGS AND MAINTENANCE MANUALS AS DETAILED IN THE INSTRUCTION TO BIDDERS

DIVISION 02 - SITE WORK

SECTION 2A: CLEARING THE SITE

SCOPE: FURNISH ALL MATERIALS, EQUIPMENT AND LABOR, CLEARING, EXCAVATING, REMOVAL OF RUBBISH, TRASH AND OTHER NOTED ITEMS, FILLING, GRADING AND RELATED ITEMS NECESSARY TO COMPLETE CLEARING OF SITE WHERE SHOWN AND

REFER TO THE SITE PLAN AND GRADING PLAN TO DETERMINE EXTENT OF WORK NECESSARY UNDER THIS HEADING. WHERE DEMOLITION OF BUILDINGS AND REMOVAL OF

TREES IS REQUIRED. A DEMOLITION PLAN SHOWING THE LOCATION OF THE NEW BUILDING, INISH FLOOR ELEVATION, AND ITEMS TO REMAIN WHERE APPLICABLE. FIRES, STORAGE OF MATERIALS, DEBRIS, OR PARKING OF EQUIPMENT SHALL NOT BE PERMITTED WITHIN THE SPREAD OF BRANCHES OF TREES TO REMAI

SECTION 2B: SITE DRAINAGE GENERAL PROVISIONS

SCOPE: FURNISH AND INSTALL STORM DRAIN PIPES, CATCH BASINS, CURB INLETS, GRATING FRAMES, MANHOLES, AND RELATED ITEMS.

PIPE OVER 18" IN DIAMETER SHALL BE CLASS III AND/OR CLASS IV WHERE

CONCRETE PIPE SHALL CONFORM TO ASTM SPECIFICATIONS C76 CLASS III EXCEPT

CORRUGATED METAL PIPE SHALL CONFORM TO ASTM A-760, A761, OR A-762. FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH AISI

MANHOLES, YARD DRAINS, CURB INLETS, AND CATCH BASINS SHALL BE CONSTRUCTED OF CAST-IN-PLACE AND/OR PRECAST REINFORCED CONCRETE. GRATING AND FRAMES SHALL BE OF CAST IRON. PRECAST MANHOLES SHALL BE PER STM SPECIFICATION C-478

VITRIFIED CLAY PIPE SHALL CONFORM TO ASTM SPECIFICATION C-200 FOR EXTRA STRENGTH PIPE.

THE HEIGHTS OF STORM DRAINAGE STRUCTURES SHALL BE ADJUSTED SO THAT TH SITE DRAINS PROPERLY AS INTENDED ON THE DRAWINGS WITHIN THE SLOPE LIMITS. SECTION 2C: EARTHWORK GENERAL PROVISIONS

SCOPE: FURNISH AND INSTALL/PERFORM ALL GENERAL EXCAVATION, FOOTING EXCAVATION, FILLING, BACKFILLING, STRIPPING OF TOPSOIL, SITE GRADING, AND RELATED ITEMS NECESSARY TO BRING THE SUB-GRADE TO PROPER CONTOUR.

QUALITY CONTROL: TO ASSURE COMPLIANCE WITH THE FILLING AND BACKFILLING COMPACTION REQUIREMENTS, A SOIL TESTING LABORATORY SHALL BE NOTIFIED B THE CONTRACTOR TO CHECK COMPACTION WHEN SO INSTRUCTED BY THE OWNER OF HIS AGENT. PROVIDE THE OWNER WITH A COPY OF THE COMPACTION TEST RESULTS.

A SOIL REPORT WILL BE CONDUCTED AND FURNISHED BY OWNER AND SHALL BE REFERENCED FOR SPECIFIC SITE, SOIL, AND FOUNDATION MODIFICATIONS.

FOOTING EXCAVATION: ALL FOOTING EXCAVATION SHALL EXTEND INTO UNDISTURBED VIRGIN SOIL OF 2000 PSF MINIMUM BEARING CAPACITY, TO THE DEPTH OF THE FOOTING SHOWN. OR TO A MINIMUM DEPTH REQUIRED BY LOCAL CODE TO MEET FROST LINE OR OTHER RESTRICTIONS, WHICHEVER IS GREATER.

ALL EXCAVATION BELOW THE BOTTOM OF THE FOOTING SHALL BE BACKFILLED WITH 2000 PSI CONCRETE, BUT EXCAVATION SHALL NOT EXCEED 10' WITHOUT THE APPROVAL OF THE

ALL FOUNDATION EXCAVATIONS SHALL BE FREE OF MUD, WATER, AND ALL FOREIGN MATERIAL PRIOR TO POURING. PROVIDE ADEQUATE PROTECTION AGAINST CAVE-IN.

EXCAVATION FOR PLUMBING, HEATING, AND ELECTRICAL WORK SHALL BE DONE BY THE TRADES INVOLVED.

GRADING: THE ENTIRE SITE SHALL BE GRADED TO DRAIN PROPERLY. EXISTING AND FINISH GRADES ARE SHOWN ON THE GRADING PLAN. GRADE AND PROVIDE NECESSARY CUT OR FILL TO BRING THE SUB-GRADE TO THE REQUIRED LEVEL FOR THE BUILDING AND PARKING LOT. ALL FILL MATERIAL AND COMPACTION SHALL BE AS RECOMMENDED IN SOIL ENGINEER'S REPORT. IN THE EVENT THAT NO SOIL ENGINEER'S REPORT IS PROVIDED. ALL FILL MATERIAL AND COMPACTION SHALL BE CLEAN YELLOW SAND OR OTHER BORROW MATERIAL AS SPECIFICALLY APPROVED IN WRITING BY THE OWNER.

IN THE EVENT OF CONFLICT BETWEEN GRADES ESTABLISHED ON THE POPEYE'S SITE AND EXISTING GRADES ON ADJACENT PROPERTIES, THE OWNER SHALL BE NOTIFIED

FILL MATERIAL: REFER TO SOIL REPORT FOR FILL MATERIAL AND COMPACTION SPECIFICATIONS. IF NO SOIL REPORT IS PROVIDED, FOR EACH TYPE OF BORROW MATERIAL DELIVERED TO THE SITE, ONE (1) OPTIMUM MAXIMUM DENSITY CURVE SHALL BE ESTABLISHED BY AN ACCEPTED LABORATORY. THESE DENSITIES SHALL BE DETERMINED BY ASTM D1557, MODIFIED PROCTOR DENSITY. COMPACTION SHALL BE 95% OF MAXIMUM DENSITY WITH MOISTURE CONTENT WITHIN 3% OF OPTIMUM AND CAPABLE OF SUPPORTING 2000 PSF. FILL MATERIAL TO BE LACED IN 6 TO 8 INCH LIFTS

SECTION 2D: SOIL POISONING GENERAL REQUIREMENTS

MATERIAL AND PERFORMANCE

SCOPE: FURNISH AND INSTALL CHEMICAL TREATMENT TO PREVENT TERMITE INFESTATION FOR AREAS TO BE COVERED BY BUILDING SLABS, FOOTINGS, AND SIDEWALKS.

2. GUARANTEE: FURNISH WRITTEN GUARANTEE PROVIDING THAT (A) CHEMICAL AS APPLIED MEETS CONCENTRATION REQUIREMENTS AND APPLICATION RATE SPECIFIED HEREIN (B) SOIL IS EFFECTIVELY TREATED AGAINST TERMITE INFESTATION FOR A PERIOD OF FIVE (5) YEARS FROM DATE OF TREATMENT, AND (C) IF ANY EVIDENCE OF INFESTATION OCCURS WITHIN FIVE (5) YEARS. ENTIRE PROJECT WILL BE COMPLETELY RETREATED AND ALL CONSTRUCTION DAMAGE CAUSED BY TERMITES WILL BE REPAIRED AT NO COST TO OWNER.

MATERIALS

PERFORMANCE

SOIL AREAS DESIGNATED SHALL BE TREATED BY ON OF THE FOLLOWING CHEMICALS AT NOT LESS THAN THE CONCENTRATIONS AS SHOWN BELOW: CHEMICAL

ALDRIN .5% IN WATER EMULSION CHLORIANE 1.0% IN WATER EMULSION .5% IN WATER EMULSION DIELDRIN HELPTACHLOR .5% IN WATER EMULSION

BECAUSE OF THE TOXIC NATURE OF THESE MATERIALS. THEY SHALL BE APPLIED CAREFULLY TO ONLY THE DESIGNATED AREAS BY AN EXPER

FOUNDATION, WALLS 4 GALLONS PER 10 MIX TO A DEPTH OF PIERS, ETC. LINEAR FEET 1'0" MIN. UNIT MASONRY AND 2 GALLONS PER 10 APPLY NEAR BOTTOM PIERS UNDER LINEAR FEET OF FOUNDATION SLABS 1.5 GALLONS PER 10 UNIFORM COVERAGE SQ. FT.

DURING - CONCRETE SHALL BE CURED BY PROTECTING IT AGAINST LOSS OF MOISTURE, RAPID TEMPERATURE CHANGE, AND MECHANICAL INJURY FOR AT LEAST THREE (3) DAYS AFTER PLACEMENT. MOIST CURING, WATERPROOF PAPER, WHITE POLYETHYLENE SHEETING, WHITE LIQUID MEMBRANE COMPOUND, OR A COMBINATION THEREOF MAY BE USED. AFTER FINISHING OPERATIONS HAV BEEN COMPLETED, THE ENTIRE SURFACE OF THE NEWLY-PLACED CONCRETE SHALL BE COVERED BY WHATEVER CURING MEDIUM IS APPLICABLE TO LOCAL CONDITIONS AND APPROVED BY THE ENGINEER. THE EDGES OF CONCRETE SLABS EXPOSED BY THE REMOVAL OF FORMS SHALL BE PROTECTED IMMEDIATELY TO PROVIDE THESE SURFACES WITH CONTINUOUS CURING TREATMENT EQUAL TO THE METHOD SELECTED FOR CURING THE SLAB AND CURB SURFACE. THE CONTRACTOR SHALL HAVE AT HAND AND READY TO INSTAL BEFORE ACTUAL PLACEMENT BEGINS THE EQUIPMENT NEEDED FOR ADEQUATE

F. OPENING TO TRAFFIC - THE ENGINEER SHALL DECIDE WHEN THE PAVEMENT SHALL BE OPENED TO TRAFFIC. IT SHALL NOT BE OPENED TO TRAFFIC UNTIL THE FIELD-CURED CONCRETE HAS ATTAINED A FLEXURAL STRENGTH OF 550 PSI, OR A COMPRESSIVE STRENGTH OF 3,500 PSI. IF SUCH TEST ARE NOT CONDUCTED, THE PAVEMENT SHALL NOT BE OPENED TO TRAFFIC UNTIL FOURTEEN (14) DAYS AFTER THE CONCRETE WAS PLACED. BEFORE OPENING TO TRAFFIC, THE PAVEMENT SHALL BE CLEANED. ASPHALT:

A. PAVEMENT PREPARATION FOR SUBGRADE: MATERIAL IN SOFT SPOTS SHALL BE REMOVED TO THE DEPTH REQUIRED TO PROVIDE A FIRM FOUNDATION AND REPLACED WITH A MATERIAL EQUAL TO THE BEST SUB-GRADE MATERIAL ON ITE. LOOSELY BONDED SUB-GRADE SHALL BE PRIMED WITH AN ASPHALT PRIMING MATERIAL. THE ENTIRE SUB-GRADE AREA SHALL BE COMPACTED BY AT LEAST FIVE (5) COVERAGES OF A PNEUMATIC-TIRED ROLLER. THE SURFACE OF THE SUB-GRADE AFTER COMPACTION SHALL BE HARD, UNIFORM, SMOOTH AND TRUE TO GRADE AND CROSS SECTION. IF ANY QUESTIONS ARISE AS TO THE CONDITION OF SUB-GRADE, A SOILS ENGINEERING FIRM EMPLOYED BY TH OWNER WILL DETERMINE CONDITION OF SUB-GRADE PRIOR TO PAVING AT THE REQUEST OF THE CONTRACTOR.

SPREADING BASE AND SURFACE COURSES - ASPHALT BASE AND SURFACE: FOR ALL AREAS OF MORE THAN 1000 SQUARE YARDS, ASPHALT BASE AND SURFACE COURSES SHALL BE SPREAD AND STRUCK OFF WITH A PAVER. ANY IRREGULARITIES IN SURFACE OF PAVEMENT COURSE SHALL BE CORRECTED DIRECTLY BEHIND THE PAVER. EXCESS MATERIAL FORMING HIGH SPOTS SHALL E REMOVED WITH A SHOVEL OR LUTE. INTENDED AREAS SHALL BE FILLED WITH HOT MIX AND SMOOTHED WITH A LUTE OR THE EDGE OF A SHOVEL BEING PULLED OVER THE SURFACE. CASTING OF MIX OVER SUCH AREAS SHALL NOT BE

COMPACTION - ASPHALT BASE AND SURFACE: ROLLING SHALL START AS SOON AS THE HOT MIX MATERIAL CAN BE COMPACTED WITHOUT DISPLACEMEN ROLLING SHALL CONTINUE UNTIL THOROUGHLY COMPACTED AND ALL ROLLER

D. SPECIFICATIONS FOR SAMPLING AND PATCHING NEW ASPHALTIC CONCRETE PAVEMENTS

AT COMPLETION OF PAVING, TEST CORES SHALL BE TAKEN BY AN INDEPENDENT LABORATORY SELECTED AND PAID BY THE OWNER, TO VERIFY THAT THE THICKNESS OF THE PAVING MATERIALS MEETS THE MINIMUM SPECIFICATION REQUIREMENTS

SUFFICIENT CORES SHALL BE TAKEN IN BOTH PARKING STALLS AND DRIVES O ENSURE REPRESENTATIVE SAMPLING. HOWEVER, NO LESS THAN FOUR (4) LOCATIONS SHALL BE TESTED.

3. THE TESTING LABORATORY SHALL NOTIFY THE GENERAL CONTRACTOR AT LEAST TWO (2) DAYS PRIOR TO CORING 4. THE PAVING CONTRACTOR SHALL PATCH CORE HOLES IMMEDIATELY UPON

5. IF THE ASPHALTIC CONCRETE PATCH CANNOT BE INSTALLED IMMEDIATEL AFTER COMPLETION OF CORING, A MINIMUM OF 5" OF PORTLAND CEMENT CONCRETE SHOULD BE PLACED IN THE TEST HOLE, SUCH THAT THE

SURFACE CONCRETE SHOULD HAVE A MINIMUM TWENTY EIGHT (28) DAYS COMPRESSIVE STRENGTH OF 3,000 PSI, WITH PROPER AIR ENTRAINMENT. SIX (6) TEST HOLES WITH DEPTH IN EXCESS OF 6" MAY BE BACKFILLED TO HE REQUIRED PATCH DEPTH WITH COMPACTED CRUSHED STONE OR PORTLAND CEMENT CONCRETE. 6. PATCHING METHOD:

A. A TACK COAT SHALL BE APPLIED TO THE SIDES OF THE CORE HOLES. THE ACK COAT MAY CONSIST OF SS-1, SS-1H, CSS-1H, RS-1, CRS-1, EMULSIFIED ASPHALT OR RC-70 CUTBACK ASPHALT.

AN ASPHALTIC CONCRETE PATCH WITH A MINIMUM THICKNESS EQUAL TO THE ORIGINAL ASPHALTIC CONCRETE OR 3", WHICHEVER IS GREATER, SHOULD BE INSTALLED IN THE CORE HOLE, FLUSH WITH THE EXISTING PAVEMENT SURFACE. HE MINIMUM THICKNESS MAY BE REDUCED TO 1" IF A TEMPORARY CONCRETE PATCH IS UTILIZED AS IN (5) ABOVE.

THE ASPHALTIC CONCRETE MAY CONSIST OF HOT MIX PLACED AT A TEMPERATURE OF AT LEAST 285 DEGREES F, OR COLD MIX UTILIZING EMULSIFIED OR CUTBACK ASPHALT. THE ASPHALTIC CONCRETE SHOULD MEET THE PPROPRIATE STATE SPECIFICATIONS FOR ASPHALTIC CONCRETE SURFACE COURSE, AND SHOULD BE PROPERLY COMPACTED

PATCHING SHOULD BE PERFORMED AT TEMPERATURES ABOVE 40 DEGREES F TO ENSURE PROPER SETTING OF THE PORTLAND CEMENT CONCRETE, IF USED, AND CURING OF THE ASPHALTIC CONCRETE, IF COLD MIX IS USED.

3. MARKING: MARK ALL PARKING BAYS, ARROWS, AND OTHER TRAFFIC MARKINGS INDICATED ON SITE PLAN. PAINT TRAFFIC YELLOW REFER TO SITE PLAN. ALL PAINT PRODUCTS TO COMPLY WITH STATE HIGHWAY DEPARTMENT SPECIFICATIONS.

SECTION 2F: OPENING SOON SIGN (OPTIONAL)

GENERAL PROVISIONS . SCOPE: FURNISH AND INSTALL WOOD POSTS AND INSTALL SIGN FURNISHED

. "OPENING SOON" LOGO SIGN: SUPPLIED AND SHIPPED TO THE SITE BY THE OWNER. THE SIGN CONSIST OF TWO (2) 4' X 8' WOOD SHEETS. INSTALL ON THREE 3) 4" X 4" X 8' WOOD POST IN "V" SHAPE SO THE SIGN MAY BE READ FROM EITHER DIRECTION. INSTALL THE DAY RECEIVED IN A LOCATION TO ENSURE PRIME

SECTION 2G: LANDSCAPING

GENERAL PROVISIONS 1. SCOPE: FURNISH AND INSTALL TOPSOIL TO PROPER CONTOUR FOR ALL AREAS NOTED ON THE SITE PLAN TO BE LANDSCAPED.

NOTES: A. PLANTING MATERIALS AND INSTALLATION SHALL BE PROVIDED UNDER SEPARATE CONTRACT BY THE OWNE

3. COORDINATE THE TIMING OF THE PLACEMENT OF TOPSOIL WITH THE

MATERIALS 1. TOPSOIL: 6" MINIMUM TOPSOIL.

PERFORMANCE

OWNER IN ORDER TO PREVENT EROSION OF TOPSOIL.

THE TOPSOIL FILL SHALL BE PLACED AFTER THE COMPLETION OF ALL FOUNDATION AND SITE UTILITY WORK WHEN CONSTRUCTION IS NEARING COMPLETION. RAKE SMOOTH IN PREPARATION OF PLANT MATERIAL NSTALLATION, AND REMOVE ALL LUMPS AND TRASH. TOPSOIL SHALL BE BACKFILLED TO ALL PERIMETER CURBS, AND TO ANY PAVING. TOPSOIL SHALL BE PLACED IN THE OUTSIDE PLANTER.

2. NO MULCH SHALL BE USED WITHIN 5'-0" OF BUILDING ENVELOPE. USE VOLCANIC ROCK OR NON-FLAMMABLE MULCH WITHIN 5'-0". MULCH CAN BE USED OUTSIDE THIS DIMESION.A

DRAWINGS REVISED AS PER DESIGN BULLETIN Date Description

ISSUE TABLE

REVISIONS

Date

8/01/2023

9/04/2023

9/12/2023

9/12/2023

Description

Description

RESPONSE TO CITY

HEALTH COMMENTS

RESPONSE TO CITY

HEALTH COMMENTS

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL ANI

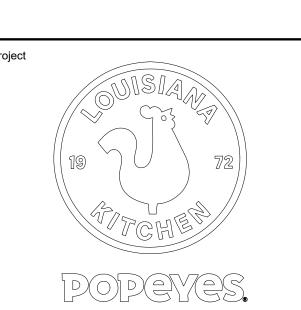
THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIAI KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK, THESE DRAWING POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION"



9.14.2023

Company Logo





US 2112 PROTOTYPE 2112-21

> 1517 NC 24-87 CAMERON, NC

Location

ARCHITECTURAL **SPECIFICATIONS**

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2. GROUT-CLEANED FINISH: WET CONCRETE SURFACES AND APPLY GROUT OF A ONSISTENCY OF THICK PAINT TO COAT SURFACES AND FILL SMALL HOLES. MIX ONE PART PORTLAND CEMENT TO ONE AND ONE-HALF PARTS FINE SAND WITH A 1:1 MIXTURE OF DETERMINED BY TRIAL PATCHES SO COLOR OF DRY GROUT WILL MATCH ADJACENT SURFACES. SCRUB GROUT INTO VOIDS AND REMOVE EXCESS GROUT. WHEN GROUT WHITENS, RUB SURFACE WITH CLEAN BURLAP AND KEEP SURFACE DAMP BY FOG SPRAY CORK-FLOATED FINISH: WET CONCRETE SURFACES AND APPLY A STIFF GROUT, MIX ONE PART PORTLAND CEMENT AND ONE PART FINE SAND WITH A 1:1 MIXTURE OF BONDING AGENT AND WATER. ADD WHITE PORTLAND CEMENT IN AMOUNTS DETERMINED BY TRIAL PATCHES SO COLOR OF DRY GROUT WILL MATCH ADJACENT SURFACES. COMPRESS GROU INTO VOIDS BY GRINDING SURFACE. IN A SWIRLING MOTION, FINISH SURFACE WITH A CORK A. RELATED UNFORMED SURFACES: AT TOPS OF WALLS, HORIZONTAL OFFSETS, AND SIMILAR UNFORMED SURFACES ADJACENT TO FORMED SURFACES, STRIKE OFF SMOOTH AND FINISH WITH A TEXTURE MATCHING ADJACENT FORMED SURFACES. CONTINUE FINAL SURFACE TREATMENT OF FORMED SURFACES UNIFORMLY ACROSS ADJACENT UNFORMED SURFACES 3.8 FINISHING FLOORS AND SLABS A. GENERAL: COMPLY WITH ACI 302.1R RECOMMENDATIONS FOR SCREEDING, RESTRAIGHTENIN AND FINISHING OPERATIONS FOR CONCRETE SURFACES. DO NOT WET CONCRETE SURFACES. B. FLOAT FINISH: CONSOLIDATE SURFACE WITH POWER-DRIVEN FLOATS OR BY HAND FLOATING IF AREA IS SMALL OR INACCESSIBLE TO POWER DRIVEN FLOATS. RESTRAIGHTEN, CUT DOWN HIGH SPOTS, AND FILL LOW SPOTS, REPEAT FLOAT PASSES AND RESTRAIGHTENING UNTIL SURFACE IS LEFT WITH A UNIFORM, SMOOTH, GRANULAR TEXTURE. 1. APPLY FLOAT FINISH TO INTERIOR SLAB SURFACES C. TROWEL AND FINE-BROOM FINISH: APPLY A FIRST TROWEL FINISH TO EXTERIOR SLAB SURFACES. WHILE CONCRETE IS STILL PLASTIC, SLIGHTLY SCARIFY SURFACE WITH A FINE 1. COMPLY WITH FLATNESS AND LEVELNESS TOLERANCES FOR TROWEL-FINISHED FLOOR 3.9 CONCRETE PROTECTING AND CURING GENERAL: PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. COMPLY WITH ACI 306.1 FOR COLD-WEATHER PROTECTION AND B. EVAPORATION RETARDER: APPLY EVAPORATION RETARDER TO UNFORMED CONCRETE SURFACES IF HOT, DRY, OR WINDY CONDITIONS CAUSE MOISTURE LOSS APPROACHING 0.2 .B/SQ. FT. X H BEFORE AND DURING FINISHING OPERATIONS. APPLY ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AFTER PLACING, SCREEDING, AND BULL FLOATING OR DARBYING CONCRETE, BUT BEFORE FLOAT FINISHING C. CURE CONCRETE ACCORDING TO ACI 308.1, BY ONE OR A COMBINATION OF THE FOLLOWING 1. MOISTURE CURING: KEEP SURFACES CONTINUOUSLY MOIST FOR NOT LESS THAN SEVEN 2. MOISTURE-RETAINING-COVER CURING: COVER CONCRETE SURFACES WITH MOISTURE-RETAINING COVER FOR CURING CONCRETE, PLACED IN WIDEST PRACTICABL WIDTH, WITH SIDES AND ENDS LAPPED AT LEAST 12 INCHES, AND SEALED BY WATERPROOF TAPE OR ADHESIVE. CURE FOR NOT LESS THAN SEVEN DAYS. IMMEDIATELY REPAIR AN HOLES OR TEARS DURING CURING PERIOD USING COVER MATERIAL AND WATERPROOF 3. CURING COMPOUND: APPLY UNIFORMLY IN CONTINUOUS OPERATION BY POWER SPRAY OF ROLLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. RECOAT AREAS. SUBJECTED TO HEAVY RAINFALL WITHIN THREE HOURS AFTER INITIAL APPLICATION MAINTAIN CONTINUITY OF COATING AND REPAIR DAMAGE DURING CURING PERIOD a. REMOVAL: AFTER CURING PERIOD HAS ELAPSED. REMOVE CURING COMPOUND WITHOU DAMAGING CONCRETE SURFACES BY METHOD RECOMMENDED BY CURING COMPOUND MANUFACTURER 4. CURING AND SEALING COMPOUND: APPLY UNIFORMLY TO FLOORS AND SLABS INDICATED IN A CONTINUOUS OPERATION BY POWER SPRAY OR ROLLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. RECOAT AREAS SUBJECTED TO HEAVY RAINFALL WITHIN THREE HOURS AFTER INITIAL APPLICATION. REPEAT PROCESS 24 HOURS LATER AND APPLY A SECOND COAT. MAINTAIN CONTINUITY OF COATING AND REPAIR DAMAGE DURING CURING PERIOD. 3.10 CONCRETE SURFACE REPAIRS A. DEFECTIVE CONCRETE: REPAIR AND PATCH DEFECTIVE AREAS WHEN APPROVED BY ARCHITECT. REMOVE AND REPLACE CONCRETE THAT CANNOT BE REPAIRED AND PATCHED TO ARCHITECT'S APPROVAL. 3.11 FIELD QUALITY CONTROL A. TESTING AND INSPECTING: OWNER WILL ENGAGE A QUALIFIED TESTING AND INSPECTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS AND PREPARE TEST REPORTS. END OF SECTION 03 30 00

DIVISION 04 - MASONRY UNIT MASONRY PART 1 - GENERAL 1.1 RELATED DOCUMENTS A DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION 1.2 QUALITY ASSURANCE ALL MASONRY CONSTRUCTION SHALL CONFORM TO THE LATEST, ADOPTED EDITIONS OF THE STANDARDS AND MATERIAL SPECIFICATIONS REFERENCED HEREIN ACI 530/ASCE 5/TMS 402, "BUILDING CODE REQUIREMENTS FOR MASONRY 2. ACI 530.1/ASCE 6/TMS 602, "SPECIFICATION FOR MASONRY STRUCTURES." a. CONFORM COLD WEATHER MASONRY CONSTRUCTION TO PARAGRAPH 1.8.C. b. CONFORM HOT WEATHER MASONRY CONSTRUCTION TO PARAGRAPH 1.8.D. 1.3 DELIVERY, STORAGE, AND HANDLING DELIVER MASONRY MATERIALS TO PROJECT IN UNDAMAGED CONDITION STORE AND HANDLE MASONRY UNITS OFF THE GROUND, UNDER COVER, AND IN A DRY LOCATION TO PREVENT THEIR DETERIORATION OR DAMAGE DUE TO MOISTURE. TEMPERATURE CHANGES, CONTAMINANTS, CORROSION, AND OTHER CAUSES. IF UNITS BECOME WET, DO NOT PLACE UNTIL UNITS ARE IN AN AIR-DRIED CONDITION. C. STORE CEMENTITIOUS MATERIALS OFF THE GROUND, UNDER COVER, AND IN DRY D. STORE AGGREGATES WHERE GRADING AND OTHER REQUIRED CHARACTERISTICS CAN BE MAINTAINED AND CONTAMINATION AVOIDED. STORE MASONRY ACCESSORIES INCLUDING METAL ITEMS TO PREVENT CORROSION AND ACCUMULATION OF DIRT AND OIL. PROTECTION OF MASONRY: DURING ERECTION, COVER TOPS OF WALLS, PROJECTIONS, AND SILLS WITH WATERPROOF SHEETING AT END OF EACH DAY'S WORK. COVER PARTIALLY COMPLETED MASONRY WHEN CONSTRUCTION IS NOT IN PROGRESS. EXTEND COVER A MINIMUM OF 24 INCHES DOWN BOTH SIDES AND HOLD COVER STAIN PREVENTION: PREVENT GROUT, MORTAR, AND SOIL FROM STAINING THE FACE OF MASONRY TO BE LEFT EXPOSED OR PAINTED. REMOVE IMMEDIATELY ANY GROUT, MORTAR, AND SOIL THAT COMES IN CONTACT WITH SUCH MASONRY PROTECT BASE OF WALLS FROM RAIN-SPLASHED MUD AND MORTAR SPLATTER BY MEANS OF COVERINGS SPREAD ON GROUND AND OVER WALL SURFACE. 2. PROTECT SILLS, LEDGES, AND PROJECTIONS FROM MORTAR DROPPINGS 3 PROTECT SURFACES OF WINDOW AND DOORFRAMES AS WELL AS SIMILAR PRODUCTS WITH PAINTED AND INTEGRAL FINISHES FROM MORTAR DROPPINGS COLD-WEATHER CONSTRUCTION: COMPLY WITH REFERENCED UNIT MASONRY STANDARD FOR COLD-WEATHER CONSTRUCTION AND THE FOLLOWING: 1. DO NOT LAY MASONRY UNITS THAT ARE WET OR FROZEN REMOVE MASONRY DAMAGED BY FREEZING CONDITIONS D. HOT-WEATHER CONSTRUCTION: COMPLY WITH REFERENCED UNIT MASONRY PART 2 - PRODUCTS CONCRETE BLOCK: ASTM C90, MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS: 2,500 PSI. BOND BEAM AND CORE FILL: ASTM C476, COARSE TYPE, MINIMUM COMPRESSIVE STRENGTH: 2,500 PSI. SIZE: PROVIDE CONCRETE MASONRY UNITS COMPLYING WITH REQUIREMENTS INDICATED BELOW FOR SIZES THAT ARE MANUFACTURED TO SPECIFIED FACE DIMENSIONS WITHIN TOLERANCES SPECIFIED IN THE APPLICABLE REFERENCED ASTM SPECIFICATION FOR CONCRETE MASONRY UNITS. 3. CONCRETE MASONRY UNITS: MANUFACTURED TO SPECIFIED DIMENSIONS OF 3/8 INCH LESS THAN NOMINAL WIDTHS BY NOMINAL HEIGHTS BY NOMINAL LENGTHS CONCRETE MASONRY UNITS WITH INTEGRAL WATER REPELLANT: WHERE SHOWN PROVIDE UNITS MADE WITH LIQUID POLYMERIC. INTEGRAL WATER-REPELLANT ADMIXTURE THAT DOES NOT REDUCE FLEXURAL BOND STRENGTH FOR EXPOSE UNITS; PRODUCT: GRACE CONSTRUCTION PRODUCTS, A UNIT OF W.R. GRACE & STANDARD FACE BRICK AS MANUFACTURED BY BORAL, GENERAL SHALE, OR BELDEN BRICK; TO COMPLY WITH ASTM C 216, SEVERE WEATHERING GRADE, TYPE FBS. B. BRICK COLOR: SEE THE EXTERIOR FINISH SCHEDULE. C. SAMPLES FOR VERIFICATION FACE BRICK, IN THE FORM OF STRAPS OF FIVE OR MORE BRICKS 2. COLOR FOR COMPARISON TO EXISTING IF APPLICABLE 3. SPECIAL SHAPES AS REQUIRED TO COMPLETE THE WORK AS DESCRIBED IN THE WEEP HOLES AND VENTS 2.3 MORTAR AND GROUT MIXES A. MORTAR: TYPE S, MINIMUM COMPRESSIVE STRENGTH: 1,800 PSI B. FILL VERTICAL COLLAR JOINTS BELOW GRADE SOLIDLY WITH MORTAR. 2.4 MISCELLANEOUS A MASONRY WALLS ARE NOT DESIGNED TO BE STABLE DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL, IN A TIMELY MANNER TO PREVENT COLLAPSE OF THE WALLS, ADEQUATE BRACING DESIGNED TO RESIST ALL APPLICABLE LOADS OR FORCES LATERAL SUPPORT FOR THE WALLS ARE IN PLACE AND THE WALLS HAVE ATTAINED THE SPECIFIED DESIGN STRENGTH. B. FILL CORES SOLIDLY AROUND ANCHOR RODS. C. LAY HOLLOW MASONRY UNITS WITH FULL MORTAR COVERAGE ON HORIZONTAL AN VERTICAL FACE SHELLS. PROVIDE FULL MORTAR COVERAGE FOR ALL WEBS IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE FILLED WITH GROUT. LAY SOLID UNITS WITH FULL HEAD AND BED JOINTS. D. WHERE MASONRY UNITS OF DIFFERING WIDTHS ARE CONSTRUCTED ON ONE ANOTHER INSTALL AT LEAST ONE FULL COURSE OF 100% SOLID OR SOLIDLY-GROUTED MASONR' FOR THE WIDER OF THE TWO UNITS, CONTINUOUSLY ALONG THE TRANSITION (FOR EXAMPLE, AT BRICK LEDGES). 2.5 HORIZONTAL JOINT REINFORCEMENT, WALL TIES AND ANCHORS MANUFACTURERS: HOHMANN & BARNARD, DUR-O-WAL, NATIONAL WIRE PRODUCTS CORP A. HORIZONTAL JOINT REINFORCEMENT: . EYE AND PINTLE TYPE RODS SPACED NOT MORE THAN 16 INCHES ON CENTER, CLASS B-2, HOT DIPPED GALVANIZED, WITH 9 GAGE SIDE RODS. SIZE, 2 INCHES 2. FREE STANDING COMPOSITE WALLS: LADDER DESIGN, CROSS RODS SPACED NOT MORE THAN 16 INCHES ON CENTER, CLASS B-2, HOT DIPPED GALVANIZED, WITH 9 GAGE SIDE RODS. SIZE, 2 INCHES LESS THAN NOMINAL WALL THICKNESS. a. CONCRETE BLOCK LATERAL SUPPORT ANCHORS: 1/8 INCH THICK X 1-1/4 INCH WIDE X 16 INCH LONG, MILL GALVANIZED WITH DOWN-TURNED END BENDS. b. WIRE MESH WALL TIES SHALL BE 16 GAGE HOT-DIPPED GALVANIZED WIRE B. MASONRY VENEER ANCHORS: GALV. ADJUSTABLE VENEER ANCHOR WITH TWO CADMIUM COATED SCREWS, 14 GAGE ANCHOR AND 3/16 INCH DIAMETER STEEL TIES. PROVIDE ONE ANCHOR FOR EACH 2.0 SQUARE FEET OF WALL AREA. TIES SHALL BE SIZED TO EXTEND WITHIN 3/4 INCH OF FACE MASONRY. ANCHORS MUST BE FASTENED DIRECTLY TO METAL 2. CORRUGATED METAL VENEER TIES SHALL NOT BE USED 2.6 MISCELLANEOUS MASONRY ACCESSORIES A. NONMETALLIC EXPANSION JOINT STRIPS: PREMOLDED FILLER STRIPS COMPLYING WITH ASTM D 1056, TYPE 2 (CLOSED CELL), CLASS A (CELLULAR RUBBER AND RUBBER-LIKE MATÉRIALS WITH SPECIFIC RESISTANCE TO PETROLEUM BASE OILS GRADE 1 (COMPRESSION-DEFLECTION RANGE OF 2-5 PSI), COMPRESSIBLE UP TO 35 PERCENT, OF WIDTH AND THICKNESS INDICATED, FORMULATED FROM THE FOLLOWING NEOPRENE B. PREFORMED CONTROL JOINT GASKETS: MATERIAL AS INDICATED BELOW. DESIGNED TO FIT STANDARD SASH BLOCK AND TO MAINTAIN LATERAL STABILITY IN MASONRY WALL; SIZE AND CONFIGURATION AS INDICATED. . STYRENE-BUTADIENE RUBBER COMPOUND: ASTM D 2000, DESIGNATION 2AA-805. C. BOND BREAKER STRIPS: ASPHALT-SATURATED ORGANIC ROOFING FELT COMPLYING WITH ASTM D 226, TYPE I (NO. 15 ASPHALT FELT). D. WEEP/VENT PRODUCTS: USE RECTANGULAR PLASTIC WEEP/VENT TUBING: CLEAR BUTYRATE, 3/8" BY 1-1/2" BY 3-1/2" LONG. SPACE AS SHOWN BUT NOT LESS THAN 2'-0" 2.7 THRU WALL FLASHING COPPER/PAPER FLASHING: 3 OZ. COPPER SHEET LAMINATED BETWEEN 2 SHEETS OF B. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS SPECIFIED, PROVIDE ONE OF THE FOLLOWING: W.R. GRACE & CO., "PERMA-A-BARRIER" AFCO PRODUCTS, INC., "COP-A-BOND DUPLEX". 3. PHOENIX BUILDING PRODUCTS, INC.; "DUPLEX COP-R FLASH". 4. YORK MANUFACTURING, INC.; "COP-R-TEX DUPLEX". C. ADHESIVE FOR FLASHING; TYPE RECOMMENDED BY MANUFACTURER OF FLASHING MATERIAL FOR USE INDICATED. 2.8 MASONRY CLEANERS A. JOB-MIXED DETERGENT SOLUTION: SOLUTION OF TRISODIUM PHOSPHATE (1/2-CUP RY MEASURE) AND LAUNDRY DETERGENT (1/2-CUP DRY MEASURE) DISSOLVED IN ONE GALLON OF WATER. PART 3 - EXECUTION 3.1 EXAMINATION A. EXAMINE CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER SPECIFIC CONDITIONS AND OTHER CONDITIONS AFFECTING PERFORMANCE OF UNIT MASONRY. 1. FOR THE RECORD, PREPARE WRITTEN REPORT, ENDORSED BY INSTALLER,

3.2 INSTALLATION, GENERAL THICKNESS: BUILD SINGLE-WYTHE WALLS TO THE ACTUAL THICKNESS OF THE MASONRY UNITS, USING UNITS OF NOMINAL THICKNESS INDICATED. PENINGS AND BETWEEN ADJACENT CHASES AND RECESSES. LEAVE OPENINGS FOR EQUIPMENT TO BE INSTALLED BEFORE COMPLETION OF ONSTRUCTION IMMEDIATELY ADJACENT TO THE OPENING. E. CUT MASONRY UNITS WITH MOTOR-DRIVEN SAWS TO PROVIDE CLEAN, SHARP WHERE POSSIBLE 3.3 CONSTRUCTION TOLERANCES A. COMPLY WITH CONSTRUCTION TOLERANCES OF REFERENCED UNIT MASONRY LAYING MASONRY WALLS LAY OUT WALLS IN ADVANCE FOR ACCURATE SPACING OF SURFACE BOND B. LAY UP WALLS TO COMPLY WITH SPECIFIED CONSTRUCTION TOLERANCES WITH ON UNITS IN COURSES ABOVE AND BELOW. LAY CONCEALED MASONRY WITH ALL UNITS IN A WYTHE IN RUNNING BOND OR BONDED BY LAPPING NOT LESS THAN 2 INCHES. BOND AND INTERLOCK EACH COURSE OF EACH WYTHE AT CORNERS. DO NOT USE UNITS WITH LESS THA NOMINAL 4-INCH HORIZONTAL FACE DIMENSIONS AT CORNERS OR JAMBS. MORTAR PRIOR TO LAYING FRESH MASONRY F. BUILT-IN-WORK: AS CONSTRUCTION PROGRESSES. BUILD-IN-ITEMS SPECIFIED MASONRY AROUND BUILT-IN ITEMS. MORTAR, UNLESS OTHERWISE INDICATED OR GROUT INTO CORE 3.5 MORTAR BEDDING AND JOINTING A. LAY HOLLOW CONCRETE MASONRY UNITS AS FOLLOWS DENSE GROUT SURFACE. 2. BED WEBS IN MORTAR IN STARTING COURSE ON FOOTINGS AND IN ALL FILLED WITH GROUT. 3 FOR STARTING COURSE ON FOOTINGS WHERE CELLS ARE NOT GROUTED, SPREAD OUT FULL MORTAR BED INCLUDING AREAS UNDER CELLS. BY OTHER MATERIALS, UNLESS OTHERWISE INDICATED. JOINT TO SLIGHTLY CONCAVE SECTION FORMING UNIFORMLY DENSE GROUT MOVEMENT (CONTROL AND EXPANSION) JOINTS MADE TO PREVENT IN-PLANE RESTRAINT OF WALL OR PARTITION MOVEMENT. B. FORM CONTROL JOINTS IN CONCRETE MASONRY AS FOLLOWS: SASH BLOCK. 3.7 REPAIRING, POINTING, AND CLEANING A. REMOVE AND REPLACE MASONRY UNITS THAT ARE LOOSE, CHIPPED, BROKEN, B. POINTING: DURING THE TOOLING OF JOINTS, ENLARGE ANY VOIDS OR HOLES, NEAT, UNIFORM APPEARANCE, PREPARED FOR APPLICATION OF SEALANTS. C. FINAL CLEANING: AFTER MORTAR IS THOROUGHLY SET AND CURED, CLEAN 1. TEST CLEANING METHODS ON SAMPLE WALL PANEL; LEAVE 1/2 PANI PROTECTION: PROVIDE FINAL PROTECTION AND MAINTAIN CONDITIONS, IN A DAMAGE AND DETERIORATION AT TIME OF CONTRACT COMPLETION.

ISTING CONDITIONS DETRIMENTAL TO PERFORMANCE OF UNIT MASONRY

B. EXAMINE ROUGH-IN AND BUILT-IN CONSTRUCTION TO VERIFY ACTUAL LOCATIONS OF

C. DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED

PIPING CONNECTIONS PRIOR TO INSTALLATION.

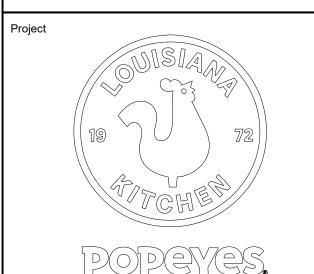
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DIVISION 5 - METALS COMPLY WITH REFERENCED UNIT MASONRY STANDARD AND OTHER REQUIREMENTS DICATED APPLICABLE TO EACH TYPE OF INSTALLATION INCLUDED IN PROJECT DECORATIVE METAL RAILINGS PART 1 - GENERAL GUILD CHASES AND RECESSES AS SHOWN OR REQUIRED TO ACCOMMODATE ITEMS PECIFIED IN THIS AND OTHER SECTIONS OF THE SPECIFICATIONS. PROVIDE NOT A. SECTION INCLUDES: ESS THAN 8 INCHES OF MASONRY BETWEEN CHASE OR RECESS AND JAMB OF STEEL AND IRON DECORATIVE RAILINGS 1.2 ACTION SUBMITTALS MASONRY. AFTER INSTALLATION OF EQUIPMENT, COMPLETE MASONRY TO MATCH A. PRODUCT DATA: FOR THE FOLLOWING: MANUFACTURER'S PRODUCT LINES OF RAILINGS ASSEMBLED FROM STANDARD INCHIPPED EDGES. CUT UNITS AS REQUIRED TO PROVIDE CONTINUOUS PATTERI AND TO FIT ADJOINING CONSTRUCTION. USE FULL-SIZE UNITS WITHOUT CUTTING GROUT, ANCHORING CEMENT, AND PAINT PRODUCTS B. SHOP DRAWINGS: INCLUDE PLANS, ELEVATIONS, SECTIONS, AND ATTACHMENT DETAILS. C. SAMPLES: FOR EACH TYPE OF EXPOSED FINISH REQUIR D. DELEGATED-DESIGN SUBMITTAL: FOR INSTALLED PRODUCTS INDICATED TO COMPL WITH PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA, INCLUDING ANALYSIS DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. TTERNS WITH UNIFORM JOINT WIDTHS AND FOR ACCURATE LOCATING O INFORMATIONAL SUBMITTALS OPENINGS, MOVEMENT-TYPE JOINTS, RETURNS, AND OFFSETS, AVOID THE USE OF A. QUALIFICATION DATA: FOR IPROFESSIONAL ENGINEERI ITESTING AGENCYI. ESS-THAN-HALF-SIZE UNITS AT CORNERS, JAMBS, AND WHERE POSSIBLE AT OTHER B. PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY A QUALIFIED TESTING AGENCY, ACCORDING TO ASTM E 894 AND COURSES ACCURATELY SPACED AND COORDINATED WITH OTHER CONSTRUCTION. PRECONSTRUCTION TEST REPORTS. FOLLOWING BOND PATTERN; DO NOT USE UNITS WITH LESS THAT NOMINAL 4-INCH HORIZONTAL FACE DIMENSIONS AT CORNERS OR JAMBS. D. EVALUATION REPORTS: FOR POST-INSTALLED ANCHORS, FROM ICC-ES. PART 2 - PRODUCTS 1. ONE-HALF RUNNING BOND WITH VERTICAL JOINT IN EACH COURSE CENTERED A. STEEL AND IRON DECORATIVE RAILINGS MANUFACTURER: c. FORTRESS RAILING PRODUCTS, OR ACCEPTED EQUIVALENT AS SUPPLIED BY GENERAL CONTRACTOR. STOPPING AND RESUMING WORK: IN EACH COURSE, RACK BACK 1/2-UNIT LENGTH FOR ONE-HALF RUNNING BOND OR 1/3-UNIT LENGTH FOR ONE-THIRD RUNNING . PRODUCT OPTIONS: INFORMATION ON CIVIL DRAWINGS AND IN SPECIFICATIONS BOND: DO NOT TOOTH, CLEAN EXPOSED SURFACES OF SET MASONRY, WET CLAY ESTABLISHES REQUIREMENTS FOR SYSTEM'S AESTHETIC EFFECTS AND PERFORMANCE MASONRY UNITS LIGHTLY (IF REQUIRED), AND REMOVE LOOSE MASONRY UNITS AND DO NOT MODIFY INTENDED AESTHETIC EFFECTS, AS JUDGED SOLELY BY OWNER, EXCEPT WITH OWNER'S APPROVAL JNDER THIS AND OTHER SECTIONS OF THE SPECIFICATIONS. FILL IN SOLIDLY WITH 1. FILL SPACE BETWEEN HOLLOW METAL FRAMES AND MASONRY SOLIDLY WITH BRACKETS, FLANGES, FASTENERS, AND ANCHORS; SAME METAL AND FINISH AS SUPPORTED RAILS AS PROVIDED FROM FORTRESS RAILING PRODUCTS BY GENERAL 2. WHERE BUILT-IN-ITEMS ARE TO BE EMBEDDED IN CORES OF HOLLOW MASONRY UNITS, PLACE A LAYER OF METAL LATH IN THE JOINT BELOW AND ROD MORTAR 2.3 STEEL AND IRON A. TUBING, BARS, PLATES, AND OTHER CAST IRON MEMBERS PER ICC AC-273. 2.5 STEEL AND IRON FINISHE 1 WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS PRE GALVANIZED EXTERIOR STEEL AND IRON RAILINGS. INCLUDING HARDWARE OL FINISHED JOINT TO SLIGHT CONCAVE SECTION FORMING UNIFORMLY AFTER FABRICATION. COMPLY WITH ICC AC-237 COURSES OF PIERS AND WHERE ADJACENT TO CELLS OR CAVITIES TO BE 3. DO NOT QUENCH OR APPLY POST-GALVANIZING TREATMENTS THAT MIGHT INTERFERE WITH PAINT ADHESION. PART 3 - EXECUTION INSTALLATION CUT JOINTS FLUSH FOR MASONRY WALLS TO BE CONCEALED OR TO BE COVERED A. FIT EXPOSED CONNECTIONS TOGETHER TO FORM TIGHT, HAIRLINE JOINTS. REPOINT MORTAR JOINTS ADJOINING GLAZED SURFACES OF PREFACED CONCRETE B PERFORM CLITTING DRILLING AND FITTING REQUIRED FOR INSTALLING RAILINGS SET MASONRY UNITS WITH CHEMICAL-RESISTANT, WATER-CLEANABLE, EPOXY GROUT RAILINGS ACCURATELY IN LOCATION, ALIGNMENT, AND ELEVATION; MEASURED FROM AFTER BEDDING MORTAR HAS BECOME FIRM BUT BEFORE IT HARDENS OR SETS ESTABLISHED LINES AND LEVELS AND FREE OF RACK RAKE JOINTS ADJOINING GLAZED SURFACES BACK 1/4-INCH FROM FACE. REPOINT SET POSTS PLUMB WITHIN A TOLERANCE OF 1/16 INCH IN 3 FEET ITH CHEMICAL-RESISTANT, WATER-CLEANABLE, EPOXY GROUT, TOOL FINISH C. TOUCHUP PAINTING: IMMEDIATELY AFTER ERECTION, CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRADED AREAS OF SHOP PAINT, AND PAINT EXPOSED AREAS WITH HE SAME MATERIAL USED FOR SHOP PAINTING TO COMPLY WITH SSPC-PA 1 FOR GENERAL: INSTALL CONTROL AND EXPANSION JOINTS IN UNIT MASONRY WHERE TOUCHING UP SHOP-PAINTED SURFACES. INDICATED. BUILD IN RELATED ITEMS AS THE MASONRY PROGRESSES. DO NOT END OF SECTION 05 73 00 1. INSTALL PREFORMED CONTROL JOINT GASKETS DESIGNED TO FIT STANDARD INED, OR OTHERWISE DAMAGED OR IF UNITS DO NOT MATCH ADJOINING INSTALL NEW UNITS TO MATCH ADJOINING UNITS AND IN FRESH MORTAR OR GROUT EXCEPT WEEP HOLES, AND COMPLETELY FILL WITH MORTAR, POINT-UP ALL JOINTS CLUDING CORNERS, OPENINGS, AND ADJACENT CONSTRUCTION TO PROVIDE A UNCLEANED FOR COMPARISON PURPOSES. OBTAIN ASSOCIATE'S APPROVAL OF SAMPLE CLEANING BEFORE PROCEEDING WITH CLEANING OF MASONRY. CLEAN CONCRETE MASONRY BY MEANS OF CLEANING METHOD INDICATED IN NCMA TEK 45 APPLICABLE TO TYPE OF STAIN PRESENT ON EXPOSED MANNER ACCEPTABLE TO INSTALLER THAT ENSURES UNIT MASONRY IS WITHOUT

DIVISION 6 - WOOD, PLASTICS, AND COMPOSITES **ROUGH CARPENTRY** PART 1 - GENERAL 1.1 RELATED DOCUMENTS 1.2 DELIVERY, STORAGE AND HANDLING POLYETHYLENE AND SIMILAR MATERIALS. PART 2 - PRODUCTS 2.1 LUMBER PRODUCTS SOUTHERN PINE INSPECTION BUREAU. SPECIES, MOISTURE CONTENT AT TIME OF SURFACING, AND MILL. DIMENSION LUMBER AND BOARDS FOR CONCEALED CONDITIONS A. SPECIES: SPRUCE PINE FIR. COMMON, OR CONSTRUCTION BOARDS. 2.3 FIRE RETARDANT-TREATED MATERIALS A. GENERAL: COMPLY WITH PERFORMANCE REQUIREMENTS IN AWPA C20 (LUMBER) AND AWPA C27 (PLYWOOD). CONSTRUCTION PANELS A. STANDARDS: COMPLY WITH REQUIREMENTS OF DOC PS 1 VOLUNTARY TRADEMARK FOR GRADE SPECIFIED SPAN RATING TO SUIT FRAMING IN EACH LOCATION MISCELLANEOUS LUMBER A. GENERAL: PROVIDE LUMBER FOR SUPPORT OR ATTACHMENT OF OTHER SUPPORTED MEMBERS. C. FABRICATE MISCELLANEOUS LUMBER FROM DIMENSION LUMBER OF SIZES D. INSTALL STANDARD THREE-STUD CORNER CONSTRUCTION AT INSIDE AND MEMBER OF DIMENSIONAL LUMBER HEADERS. MASONRY WITH PRESERVATIVE IN ACCORDANCE WITH AWPA. APPLICATION LINESS INDICATED OTHERWISE THAT COMPLY WITH CONCEALED JOINT FASTENERS: THREADED STEE D. NAILS, WIRE, BRADS, AND STAPLES: ASTM F 1667. F. WOOD SCREWS: FLAT HEAD, CONFORMING TO ANSI/ASME B18.6.1 AND ASTM F436 FLAT WASHERS. H. CONNECTIONS: AS A MINIMUM, CONFORM CONNECTIONS FOR STRUCTURA FULL-DEPTH BLOCKING.

B. ATTACH TO SUBSTRATES AS REQUIRED TO SUPPORT APPLIED LOADING. COUNTER SINK FABRICATOR QUALIFICATIONS: SHOP THAT PARTICIPATES IN A RECOGNIZED BOLTS AND NUTS FLUSH WITH SURFACES, UNLESS OTHERWISE INDICATED. BUILD INTO QUALITY-ASSURANCE PROGRAM THAT COMPLIES WITH QUALITY-CONTROL PROCEDURE IN TPI 1 AND THAT INVOLVES THIRD-PARTY INSPECTION BY AN INDEPENDENT TESTING AND MASONRY DURING INSTALLATION OF MASONRY WORK. WHERE POSSIBLE, ANCHOR TO Description FORM WORK BEFORE CONCRETE PLACEMENT. INSPECTING AGENCY ACCEPTABLE TO ARCHITECT AND AUTHORITIES HAVING SECTION 06 10 00 JURISDICTION AND IS CERTIFIED FOR CHAIN OF CUSTODY BY AN FSC-ACCREDITED CONSTRUCTION PANELS CERTIFICATION BODY. A. COMPLY WITH APPLICABLE INSTALLATION RECOMMENDATIONS IN APA FORM E30 1.5 DELIVERY, STORAGE, AND HANDLING DESIGN/CONSTRUCTION GUIDE - RESIDENTIAL AND COMMERCIAL A. HANDLE AND STORE TRUSSES TO COMPLY WITH RECOMMENDATIONS IN TPI BCSI, A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION END OF SECTION 06 10 00 INSTALLING. RESTRAINING. & BRACING METAL PLATE CONNECTED WOOD TRUSSES." A. DELIVERY AND STORAGE: KEEP MATERIALS UNDER COVER AND DRY. PROTECT PART 2 - PRODUCTS INST EXPOSURE TO WEATHER AND CONTACT WITH DAMP OR WET **SECTION 06 16 00** PERFORMANCE REQUIREMENTS SURFACES. STACK LUMBER AS WELL AS PLYWOOD AND OTHER PANELS FLAT WITH SPACERS BETWEEN EACH BUNDLE; PROVIDE FOR AIR CIRCULATION PART 1 - GENERAL A. SEE STRUCTURAL DRAWINGS FOR TRUSS DESIGN LOADS AND DEFLECTION CRITERIA WITHIN AND AROUND STACKS AND UNDER TEMPORARY COVERINGS INCLUDING FROM ORIGINAL SPECIFICATION INFORMATION 1.1 SUMMARY B. DELEGATED DESIGN: ENGAGE A QUALIFIED PROFESSIONAL ENGINEER. AS DEFINED IN A. SECTION INCLUDES: SECTION 014000 "QUALITY REQUIREMENTS," TO DESIGN METAL-PLATE-CONNECTED WOOI A. ALL STRUCTURAL LUMBER CONSTRUCTION SHALL CONFORM TO THE LATEST, WALL SHEATHING ADOPTED EDITIONS OF THE STANDARDS AND MATERIAL SPECIFICATIONS ROOF SHEATHING. C. STRUCTURAL PERFORMANCE: PROVIDE METAL-PLATE-CONNECTED WOOD TRUSSES CAPABLE OF WITHSTANDING DESIGN LOADS WITHIN LIMITS AND UNDER CONDITIONS NDICATED. COMPLY WITH REQUIREMENTS IN TPI 1 UNLESS MORE STRINGENT 1.2 ACTION SUBMITTALS **REVISIONS** REQUIREMENTS ARE SPECIFIED BELOW A PRODUCT DATA: FOR EACH TYPE OF PROCESS AND FACTORY-FARRICATED PRODUCT DIMENSION LUMBER NDICATE COMPONENT MATERIALS AND DIMENSIONS AND INCLUDE CONSTRUCTION AND A. GENERAL: ALL LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF DOC PS Description APPLICATION DETAILS. A. ALL LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF DOC PS 20. FURNISH LUMBER 20. FURNISH LUMBER WITH EACH PIECE FACTORY-MARKED WITH GRADE STAMP WITH EACH PIECE FACTORY-MARKED WITH GRADE STAMP OF INSPECTION AGENCY INCLUDE DATA FOR WOOD-PRESERVATIVE TREATMENT FROM CHEMICAL
TREATMENT MANUFACTURER AND CERTIFICATION BY TREATING PLANT THAT OF INSPECTION AGENCY VERIFYING COMPLIANCE WITH GRADING RULE VERIFYING COMPLIANCE WITH GRADING RULE REQUIREMENTS AND IDENTIFYING GRADIN 8/01/2023 RESPONSE TO CITY REQUIREMENTS AND IDENTIFYING GRADING AGENCY, GRADE, SPECIES. AGENCY, GRADE, SPECIES, MOISTURE CONTENT AND MILL TREATED PLYWOOD COMPLIES WITH REQUIREMENTS. B. PERMANENT BRACING: PROVIDE WOOD BRACING THAT COMPLIES WITH REQUIREMENTS INCLUDE DATA FOR FIRE-RETARDANT TREATMENT FROM CHEMICAL TREATMENT FOR EXPOSED LUMBER INDICATED TO RECEIVE A STAINED OR NATURA HEALTH COMMENTS 9/04/2023 FOR MISCELLANEOUS LUMBER IN SECTION 06 10 00 "ROUGH CARPENTRY FINISH, MARK GRADE STAMP ON END OR BACK OF EACH PIECE OR MANUFACTURER AND CERTIFICATION BY TREATING PLANT THAT TREATED PLYWOOD PROVIDE CERTIFICATE OF GRADE COMPLIANCE ISSUED BY GRADING COMPLIES WITH REQUIREMENTS 2.3 METAL CONNECTOR PLATES 9/12/2023 RESPONSE TO CITY A. USE GALVANIZED SHEET STEEL CONFORMING WITH ASTM A653, COATING CLASS G60 PROVIDE DRESSED LUMBER, S4S, UNLESS OTHERWISE INDICATED. B. MANUFACTURER QUALIFICATIONS: A QUALIFIED MANUFACTURER THAT IS CERTIFIED FOR MANUFACTURE WITH HOLES, PLUGS, TEETH, OR PRONGS UNIFORMLY SPACED AND B INSPECTION AGENCIES: INSPECTION AGENCIES AND THE ABBREVIATIONS USED 9/12/2023 HEALTH COMMENTS CHAIN OF CUSTODY BY AN FSC-ACCREDITED CERTIFICATION BOD' TO REFERENCE THEM WITH LUMBER GRADES AND SPECIES PER SPIB -B. THE TRUSS MANUFACTURER SHALL DESIGN, DETAIL, PROVIDE AND INSTALL ALL INTERNAL C. VENDOR QUALIFICATIONS: A VENDOR THAT IS CERTIFIED FOR CHAIN OF CUSTODY BY AN TRUSS COMPONENT CONNECTIONS. C. GRADE STAMPS: PROVIDE LUMBER WITH EACH PIECE FACTORY-MARKED WITH FASTENERS D. ALL STRUCTURAL LUMBER CONSTRUCTION SHALL CONFORM TO THE LATEST, ADOPTED GRADE STAMP OF INSPECTION AGENCY EVIDENCING COMPLIANCE WITH EDITIONS OF THE STANDARDS AND MATERIAL SPECIFICATIONS REFERENCED HEREIN. GRADING RULE REQUIREMENTS AND IDENTIFYING GRADING AGENCY, GRADE, A. FOR FASTENER SPECIFICATIONS. SEE DRAWINGS REVISED AS PER DESIGN BULLETIN 1.4 REFERENCE STANDARD A. NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" BY THE AMERICAN 2.5 FOREST & PAPER ASSOCIATION (AF & PA). A. THE TRUSS MANUFACTURER SHALL DESIGN AND DESIGNATE ALL TRUSS-TO-TRUSS HANGERS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRUSS-TO-TRUSS PART 2 - PRODUCTS B. MOISTURE CONTENT: S-DRY, KD 19 OR MC 19 (19 PERCENT MAXIMUM MOISTURE HANGERS IN ACCORDANCE WITH THE HANGER MANUFACTURER'S SPECIFICATIONS 2.1 WOOD PANEL PRODUCTS C. GRADE: STRUCTURAL LUMBER: NO. 2 OR STANDARD GRADE. BOARDS: NO. 2, 2 A. GENERAL: ALL LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF DOC PS 20 A. PROVIDE AND INSTALL TEMPORARY AND PERMANENT BRACING FOR PRE-ENGINEERED FURNISH LUMBER WITH EACH PIECE FACTORY-MARKED WITH GRADE STAMP OF PRE-FABRICATED WOOD TRUSSES AS INDICATED ON THE TRUSS MANUFACTURER'S APPROVED SHOP DRAWINGS. IDENTIFYING GRADING AGENCY, GRADE, SPECIES, MOISTURE CONTENT AND MILL. B. ALL WOOD STRUCTURAL PANELS SHALL COMPLY WITH REQUIREMENTS OF DOC PS 1. DOC PS 2, HPVA HP I AND APA PDS. FACTORY-MARK ALL WOOD STRUCTURAL PANELS A. ASSEMBLE TRUSS MEMBERS IN DESIGN CONFIGURATION INDICATED; USE JIGS OR OTHER USE EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED WITH A GRADING STAMP OF THE INSPECTION AGENCY. IEANS TO ENSURE UNIFORMITY AND ACCURACY OF ASSEMBLY WITH JOINTS CLOSEL FITTED TO COMPLY WITH TOLERANCES IN TPI 1, POSITION MEMBERS TO PRODUCE DESIGN 2. USE INTERIOR TYPE A, HIGH TEMPERATURE (HT) FOR ENCLOSED ROOF EMISSIONS: PRODUCTS SHALL MEET THE TESTING AND PRODUCT REQUIREMENTS OF FRAMING, FRAMING IN ATTIC SPACES AND WHERE INDICATED. THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES' "STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING 1. FABRICATE WOOD TRUSSES WITHIN MANUFACTURING TOLERANCES IN TPI 1 SMALL-SCALE ENVIRONMENTAL CHAMBERS." B. CONNECT TRUSS MEMBERS BY METAL CONNECTOR PLATES LOCATED AND SECURELY WALL SHEATHING EMBEDDED SIMULTANEOUSLY IN BOTH SIDES OF WOOD MEMBERS BY AIR OR HYDRAULIC PRODUCT STANDARD "CONSTRUCTION INDUSTRIAL PLYWOOD" FOR VENEER PLYWOOD AND APA PRP-108 "PERFORMANCE STANDARDS AND POLICIES FOR A. 15/32" (1/2" NOMINAL), APA RATED SHEATHING, 32/16, EXPOSURE 1 STRUCTURAL-USE PANELS" FOR PERFORMANCE-RATED PANELS. TRADEMARK PART 3 - EXECUTION 2.3 ROOF SHEATHING FURNISH CONSTRUCTION PANELS THAT ARE EACH FACTORY-MARKED WITH APA 3.1 INSTALLATION A. 19/32" (5/8" NOMINAL), APA RATED SHEATHING, 40/20, EXPOSURE 1, U.N.O. B. MISCELLANEOUS CONCEALED PANELS: APA-RATED SHEATHING, EXPOSURE 1, A. INSTALL WOOD TRUSSES ONLY AFTER SUPPORTING CONSTRUCTION IS IN PLACE AND IS 2.4 FASTENERS BRACED AND SECURED A. FOR FASTENER SPECIFICATIONS. SEI C. ELECTRICAL/TELEPHONE BACKING PANELS: APA-RATED SHEATHING, EXPOSURE B. IF TRUSSES ARE DELIVERED TO PROJECT SITE IN MORE THAN ONE PIECE, ASSEMBLE 1, FIRE-RETARDANT TREATED, THICKNESS AS INDICATED BUT NOT LESS THAN TRUSSES BEFORE INSTALLING C. HOIST TRUSSES IN PLACE BY LIFTING EQUIPMENT SUITED TO SIZES AND TYPES OF A. INSTALL STANDARD THREE-STUD CORNER CONSTRUCTION AT INSIDE AND OUTSID TRUSSES REQUIRED, EXERCISING CARE NOT TO DAMAGE TRUSS MEMBERS OR JOINTS B CORNERS, PROVIDING NAILING SURFACES FOR SHEATHING. INSTALL BLOCKING AS CONSTRUCTION INCLUDING ROOFTOP EQUIPMENT CURBS AND SUPPORT D. INSTALL AND BRACE TRUSSES ACCORDING TO TPI RECOMMENDATIONS AND AS KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE B. INSTALL ONE LAYER OF 1/2" THICK WOOD STRUCTURAL PANEL BETWEEN EACH MEMBER BASES, CANT STRIPS, BUCKS, NAILERS, BLOCKING, FURRING, GROUNDS REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN . COPYRIGHT OF DIMENSIONAL LUMBER HEADERS. E. ANCHOR TRUSSES SECURELY AT BEARING POINTS: USE METAL TRUSS TIE-DOWNS OR B. UNLESS NOTED OTHERWISE, INSTALL MINIMUM DOUBLE JACK BEARING STUDS C. TREAT ALL EXTERIOR LUMBER OR LUMBER IN CONTACT WITH CONCRETE OR MASONRY FLOOR TRUSS HANGERS AS APPLICABLE. INSTALL FASTENERS THROUGH EACH FASTENER INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL ANI HOLE IN METAL FRAMING ANCHORS ACCORDING TO MANUFACTURER'S FASTENING UNDER EACH END OF ALL BEAMS AND GIRDER TRUSSES, BUT NOT LESS THAN WITH PRESERVATIVE IN ACCORDANCE WITH AWPA. THE NUMBER REQUIRED TO PROVIDE FULL-WIDTH SOLID BEARING OF THE SCHEDULES AND WRITTEN INSTRUCTIONS. D. INSTALL WOOD STRUCTURAL PANEL WALL SHEATHING ON ALL EXTERIOR WALLS. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE F. SECURELY CONNECT EACH TRUSS PLY REQUIRED FOR FORMING BUILT-UP GIRDER PART 3 - EXECUTION PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIAN KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK, THESE DRAWIN G. INSTALL AND FASTEN PERMANENT BRACING DURING TRUSS ERECTION AND BEFORE CONSTRUCTION LOADS ARE APPLIED. ANCHOR ENDS OF PERMANENT BRACING WHERE POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION" A. DO NOT USE MATERIALS WITH DEFECTS THAT IMPAIR QUALITY OF SHEATHING OR PIECES OUTSIDE CORNERS, PROVIDING NAILING SURFACES FOR SHEATHING. INSTALL ERMINATING AT WALLS OR BEAMS. THAT ARE TOO SMALL TO USE WITH MINIMUM NUMBER OF JOINTS OR OPTIMUM JOINT RRANGEMENT. ARRANGE JOINTS SO THAT PIECES DO NOT SPAN BETWEEN FEWER THAN INSTALL BRACING TO COMPLY WITH SECTION 06 10 00 "ROUGH CARPENTRY E. INSTALL ONE LAYER OF 1/2" THICK WOOD STRUCTURAL PANEL BETWEEN EACH THREE SUPPORT MEMBERS. 2. INSTALL AND FASTEN STRONGBACK BRACING VERTICALLY AGAINST VERTICAL WEB B. CUT PANELS AT PENETRATIONS, EDGES, AND OTHER OBSTRUCTIONS OF WORK: FIT OF PARALLEL-CHORD FLOOR TRUSSES AT CENTERS INDICATED. F TREAT ALL EXTERIOR LUMBER OR LUMBER IN CONTACT WITH CONCRETE OR TIGHTLY AGAINST ABUTTING CONSTRUCTION UNLESS OTHERWISE INDICATED. H. INSTALL WOOD TRUSSES WITHIN INSTALLATION TOLERANCES IN TPI 1. C. SECURELY ATTACH TO SUBSTRATE BY FASTENING AS INDICATED, COMPLYING WITH THE DO NOT ALTER TRUSSES IN FIELD. DO NOT CUT, DRILL, NOTCH, OR REMOVE TRUSS A. GENERAL: PROVIDE STAINLESS STEEL FASTENERS OF SIZE AND TYPE TO SUIT NES NER-272 FOR POWER-DRIVEN FASTENERS . REPLACE WOOD TRUSSES THAT ARE DAMAGED OR DO NOT MEET REQUIREMENTS. REQUIREMENTS SPECIFIED IN THIS ARTICLE FOR MATERIAL AND MANUFACTURI 2. TABLE 2304.9.1, "FASTENING SCHEDULE," IN ICC'S "INTERNATIONAL BUILDING CODE WHERE ROUGH CARPENTRY IS EXPOSED TO WEATHER IN GROUND CONTACT TABLE R602.3(1), "FASTENER SCHEDULE FOR STRUCTURAL MEMBERS," AND OR IN AREA OF HIGH RELATIVE HUMIDITY, PROVIDE FASTENERS WITH A HOT-DII FINISH CARPENTRY TABLE R602.3(2), "ALTERNATE ATTACHMENTS," IN ICC'S "INTERNATIONAL **SECTION 06 20 00** 15704 RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS. B. PROVIDE FASTENERS FOR USE WITH METAL FRAMING ANCHORS THAT COMPLY PART 1 - GENERAL COORDINATE WALL AND ROOF SHEATHING INSTALLATION WITH FLASHING AND WITH WRITTEN RECOMMENDATIONS OF METAL FRAMING MANUFACTURER. JOINT-SEALANT INSTALLATION SO THESE MATERIALS ARE INSTALLED IN SEQUENCE AND 1.1 RELATED DOCUMENTS A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. ASSEMBLY. 1.2 DELIVERY, STORAGE AND HANDLING E. DO NOT BRIDGE BUILDING EXPANSION JOINTS; CUT AND SPACE EDGES OF PANELS TO E. POWER DRIVEN FASTENERS: NATIONAL EVALUATION REPORT NER - 272. MATCH SPACING OF STRUCTURAL SUPPORT ELEMENTS. A. DELIVERY AND STORAGE: KEEP MATERIALS UNDER COVER AND DRY. PROTECT AGAINS' EXPOSURE TO WEATHER AND CONTACT WITH DAMP OR WET SURFACES. STACK LUMBER 3.2 WOOD STRUCTURAL PANEL INSTALLATION AS WELL AS PLYWOOD AND OTHER PANELS FLAT WITH SPACERS BETWEEN EACH BUNDL G. BOLTS, NUTS, AND WASHERS: ASTM A 307, GRADE A; WITH ASTM A563 HEX NUTS A. GENERAL: COMPLY WITH APPLICABLE RECOMMENDATIONS IN APA FORM NO. E30. ROVIDE FOR AIR CIRCULATION WITHIN AND AROUND STACKS AND UNDER TEMPORARY 'ENGINEERED WOOD CONSTRUCTION GUIDE," FOR TYPES OF STRUCTURAL-USE PANELS COVERINGS INCLUDING POLYETHYLENE AND SIMILAR MATERIALS. AND APPLICATIONS INDICATED. 1.3 QUALITY ASSURANCE MEMBERS TO THE FASTENING SCHEDULE LISTED IN LOCAL BUILDING CODES. . FASTENING METHODS: FASTEN PANELS AS INDICATED BELOW: Company Logo A. PERFORM WORK IN ACCORDANCE WITH AWI ARCHITECTURAL WOODWORK QUALITY PROVIDE GALVANIZED CONNECTORS BY THE SIMPSON STRONG-TIE CO WALL AND ROOF SHEATHING: TANDARDS, PREMIUM GRADE AND WIC MANUAL OF MILLWORK, PREMIUM GRADE INSTALL ALL CONNECTORS IN ACCORDANCE WITH THE MANUFACTURER'S a. NAIL TO WOOD FRAMING. APPLY A CONTINUOUS BEAD OF GLUE TO FRAMING B. FABRICATORS: MUST BE PRE-APPROVED BY THE ARCHITECT MEMBERS AT EDGES OF WALL SHEATHING PANELS. C. FABRICATORS: COMPANY SPECIALIZING IN FABRICATING THE PRODUCTS SPECIFIED IN 2. WOOD STRUCTURAL PANELS TO WOOD ROOF RAFTERS AND TRUSSES: b. SPACE PANELS 1/8 INCH APART AT EDGES AND ENDS NAILED, USE 10d COMMON NAILS SPACED AT 6 INCHES O.C. AT PANEL THE SECTION WITH MINIMUM TEN YEARS DOCUMENTED EXPERIENCE EDGES AND 12 INCHES O.C. AT INTERMEDIATE SUPPORTS. PROVIDE SOLI 1.4 REGULATORY REQUIREMENTS 2x4 (MINIMUM) BLOCKING BETWEEN ROOF FRAMING MEMBERS AT ALL END OF SECTION 06 16 00 A. CONFORM TO APPLICABLE LOCAL CODE FOR FIRE RETARDANT REQUIREMENTS 3. WOOD STRUCTURAL PANELS TO WOOD STUDS: USE 8d COMMON NAILS PART 2 - PRODUCTS SPACED AT 6 INCHES O.C. AT PANEL EDGES AND 12 INCHES O.C. AT SHOP-FABRICATED WOOD TRUSSES SECTION 06 17 53 INTERMEDIATE SUPPORTS. BLOCK ALL PANEL EDGES WITH SOLID MATERIALS GENERAL: UNLESS OTHERWISE INDICATED, PROVIDE MATERIALS THAT COMPLY 755 SANDHILL ROAD, DALLAS, TEXAS 75238 WITH THE CRITERIA SPECIFIED IN THIS SECTION. PART 1 - GENERAL TEL: 214-343-9400 <u>www.dimensiongrp.com</u> 4. PROVIDE GALVANIZED FASTENERS FOR ALL EXTERIOR APPLICATIONS AND A. LUMBER: DOC PS 20 AND APPLICABLE GRADING RULES OF INSPECTION AGENCIES FOR ALL FIRE-RETARDANT TREATED OR WOOD-PRESERVATIVE TREATED CERTIFIED BY ALSC'S BOARD OF REVIEW.





A. PROVIDE TRIM PER THIS SECTION, UNLESS OTHERWISE NOTED 1. SPECIES AND GRADE: WESTERN RED CEDAR, CLEAR HEART, AWI PREMIUM GRADE.

MAXIMUM MOISTURE CONTENT: 15 PERCENT

FACE SURFACE: SURFACED (SMOOTH). 4. MATERIAL SUITABLE FOR TRANSPARENT FINISH C. MOLDINGS: WMMPA WM 4 P-GRADE WOOD MOLDINGS, WITHOUT FINGER JOINTING. MADE

a. FYPON, LTD.: PROFILES AS INDICATED ON DRAWINGS

FROM KILN-DRIED STOCK TO PATTERNS INCLUDED IN WMMPA WM 12. 1. SPECIES AND GRADE: WESTERN RED CEDAR, CLEAR HEART, AWI PREMIUM GRADE. 2. MAXIMUM MOISTURE CONTENT: 15 PERCENT

3. MATERIAL SUITABLE FOR TRANSPARENT FINISH

FOLLOWING:

b. APPROVED EQUAL

INSTALLED ON EXTERIOR OF PROJECT

MADE FROM UV- AND HEAT-STABILIZED, RIGID MATERIAL

B. SOFTWOOD PLYWOOD: DOC PS 1

E. PARTICLE BOARD: ANSI A208.1. GRADE M-2 EXTERIOR GLUE

DECORATIVE PAPER COMPLYING WITH LMA SAT-1.

KILN DRY TO A MAXIMUM MOISTURE CONTENT OF 19 PERCENT.

KILN DRY TO A MAXIMUM MOISTURE CONTENT OF 18 PERCENT.

WITH EXTERIOR ALKYD PRIMER, UNLESS OTHERWISE NOTED.

C. SPECIES AND GRADE: WESTERN RED CEDAR, CLEAR HEART, AWI PREMIUM GRADE.

VITH INTERIM PROTECTIVE BARRIER COAT PRIMER, RESISTANT TO UV DEGRADATION.

2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE

3. APPLY FINISH PAINT TO ALL EXPOSED SURFACES OF PRIME COATED MATERIALS

E. CELLULAR PVC TRIM: EXTRUDED, EXPANDED PVC WITH SMALL CELL MICROSTRUCTURE,

. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PRODUCT

THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO,

C. HARDBOARD: AHA A135.4.

2.2 FIRE-RETARDANT-TREATED MATERIALS

2.4 EXTERIOR STANDING AND RUNNING TRIM

B. LUMBER TRIM

2.3 LUMBER SIDING

D. MDF: ANSI A208.2. GRADE 130

SUBMIT TRUSS SHOP DRAWINGS WHICH EXHIBIT THE SEAL OF THE ENGINEER DELEGATED-DESIGN SUBMITTAL: FOR METAL-PLATE-CONNECTED WOOD TRUSSES D. MANUFACTURED POLYURETHANE TRIM: MOLDED HIGH DENSITY POLYURETHANE FOAM INDICATED TO COMPLY WITH PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA

ENGINEER RESPONSIBLE FOR THEIR DESIGN AND PREPARATION. 1.3 INFORMATIONAL SUBMITTALS A. PRODUCT CERTIFICATES.

B. EVALUATION REPORTS: FOR THE FOLLOWING, FROM ICC-ES METAL-PLATE CONNECTORS METAL TRUSS ACCESSORIES.

ENGINEER.

TRUSSES AND/OR "OVERLAY" TRUSSES.

6. SHOW SPLICE DETAILS AND BEARING DETAILS.

RESPONSIBLE FOR THE TRUSS DESIGN.

A. SECTION INCLUDES:

D. REFERENCE STANDARD

WOOD ROOF TRUSSES

WOOD TRUSS BRACING

WOOD GIRDER TRUSSES.

METAL TRUSS ACCESSORIES

TYPE OF TRUSS REQUIRED

. ALLOWANCES: PROVIDE WOOD TRUSS BRACING UNDER THE METAL-PLATE-CONNECTED

C. ALL STRUCTURAL LUMBER CONSTRUCTION SHALL CONFORM TO THE LATEST, ADOPTED

EDITIONS OF THE STANDARDS AND MATERIAL SPECIFICATIONS REFERENCED HEREIN.

TRUSS BRACING ALLOWANCE AS SPECIFIED IN SECTION 012100 "ALLOWANCES."

1. NDS. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" BY THE

A. PRODUCT DATA: FOR METAL-PLATE CONNECTORS, METAL TRUSS ACCESSORIES, AND

SHOW LOCATION, PITCH, SPAN, CAMBER, CONFIGURATION, AND SPACING FOR EACH

INDICATE LOCATIONS, SIZES, AND MATERIALS FOR PERMANENT BRACING REQUIRED

TO PREVENT BUCKLING OF INDIVIDUAL TRUSS MEMBERS DUE TO DESIGN LOADS.

4. INDICATE TYPE, SIZE, MATERIAL, FINISH, DESIGN VALUES, ORIENTATION, AND

LOCATION OF METAL CONNECTOR PLATES AND HANGER CONNECTOR TYPES

INDICATE ALL TEMPORARY AND PERMANENT BRACING REQUIREMENTS OF TRUSS

MEMBERS. IN AREAS WHERE TRUSS TOP CHORDS AND/OR BOTTOM CHORDS DO

NOT RECEIVE SHEATHING, INDICATE THE REQUIRED CHORD BRACING AND BRACE

SPACINGS FOR ALL APPLICABLE LOAD CASES. INDICATE ANCHORAGE OF "CAP"

B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR TRUSSES.

AMERICAN FOREST & PAPER ASSOCIATION (AF & PA).

2. INDICATE SIZES, STRESS GRADES, AND SPECIES OF LUMBER.

a. HOT-DIP GALVANIZE ALL STEEL CONNECTORS AND PRODUCTS 14 GA.

AND THICKER AFTER FABRICATION THAT ARE IN CONTACT WITH

ALL SIDES, PER ASTM A123. PROVIDE HOT-DIPPED GALVANIZE

b. HOT-DIP GALVANIZE ALL STEEL CONNECTORS AND PRODUCTS LESS

PRESERVATIVE-TREATED WOOD. PROVIDE MINIMUM 1.85 OZ.

GALVANIZED CONNECTORS PER ASTM A153 OR STAINLESS STEEL

COATING, ALL SIDES, PER ASTM A653, PROVIDE HOT-DIPPED

PENTRY CONSTRUCTION AND THAT ARE TOO SMALL TO USE I

B. SET ROUGH CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS

C. FIT ROUGH CARPENTRY TO OTHER CONSTRUCTION: SCRIBE AND COPE AS

BLOCKING, GROUNDS, AND SIMILAR SUPPORTS TO ALLOW ATTACHMENT OF

D. SECURELY ATTACH ROUGH CARPENTRY WORK TO SUBSTRATE BY ANCHORING

SUPPORT FACING MATERIALS, FIXTURES, SPECIALTY ITEMS AND TRIM.

1. FURRED SPACES OF WALLS, AT EACH FLOOR LEVEL AND AT CEILINGS.

2. CONCEALED SPACES OF WOOD FRAMED WALLS AND PARTITIONS AT EACH

3. CONCEALED SPACES BETWEEN FLOOR SLEEPERS AND TO SOLIDLY FILL

CONCEALED SPACES BEHIND COMBUSTIBLE CORNICES AND EXTERIOR

A. INSTALL WOOD GROUNDS, NAILERS, BLOCKING, AND SLEEPERS WHERE SHOWN

OF WORK TO BE ATTACHED. COORDINATE LOCATION WITH OTHER WORK

AND WHERE REQUIRED FOR SCREEDING OR ATTACHMENT OF OTHER WORK.

FORM TO SHAPES AS SHOWN AND CUT AS REQUIRED FOR TRUE LINE AND LEVEL

FASTEN SCHEDULE" IN ICC'S INTERNATIONAL BUILDING CODE

E. PROVIDE BLOCKING AND FRAMING AS INDICATED AND AS REQUIRED TO

F. PROVIDE FIRE BLOCKING IN FURRED SPACES, STUD SPACES AND OTHER

OOR LEVEL AND AT CEILING LINE OF TOP STORY

CONCEALED CAVITIES AS INDICATED AND AS FOLLOWS:

SPACE BELOW PARTITIONS.

3.2 WOOD GROUNDS, NAILERS, BLOCKING, AND SLEEPERS

AND FASTENING AS INDICATED AND IN ACCORDANCE WITH TABLE 2304.9.1

PLUMB AND TRUE TO LINE AND CUT AND FITTED.

FABRICATING ROUGH CARPENTRY WITH MINIMUM JOINTS OR OPTIMUM JOINT

CONNECTORS.

OTHER CONSTRUCTION.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

PRESERVATIVE-TREATED WOOD. PROVIDE MINIMUM 2.0 OZ. COATING.

CONNECTORS PER ASTM A153 OR STAINLESS STEEL CONNECTORS

THAN 14 GA. THICK AFTER FABRICATION THAT ARE IN CONTACT WITH

A. DISCARD UNITS OF MATERIAL WITH DEFECTS THAT IMPAIR QUALITY OF ROUGH 1.2 ACTION SUBMITTALS

1.4 QUALITY ASSURANCE A. METAL CONNECTOR-PLATE MANUFACTURER QUALIFICATIONS: A MANUFACTURER THAT IS A MEMBER OF TPI AND THAT COMPLIES WITH QUALITY-CONTROL PROCEDURES IN TPI 1 FOR MANUFACTURE OF CONNECTOR PLATES.

MANUFACTURER'S RESPONSIBILITIES INCLUDE PROVIDING PROFESSIONAL ENGINEERING SERVICES NEEDED TO ASSUME ENGINEERING RESPONSIBILIT

2. ENGINEERING RESPONSIBILITY: PREPARATION OF SHOP DRAWINGS AND OMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONA

F. MELAMIME-FACED PARTICLEBOARD: PARTICLE BOARD COMPLYING WITH ANSI A208.1 GRADE M-2, FINISHED ON BOTH SIDES WITH THERMALLY FUSED, MELAMIME-IMPREGNATED A. LUMBER: COMPLY WITH PERFORMANCE REQUIREMENTS IN AWPA C20, INTERIOR TYPE A B. PLYWOOD: COMPLY WITH PERFORMANCE REQUIREMENTS IN AWPA C27, INTERIOR TYPE A A. PROVIDE SIDING PER THIS SECTION, UNLESS OTHERWISE INDICATED. B. PROVIDE KILN-DRIED LUMBER SIDING COMPLYING WITH DOC PS 20, FACTORY COATED

US 2112 PROTOTYPE

2112-21

1517 NC 24-87

ARCHITECTURAL SPECIFICATIONS

Checked SH JUNE 2023 Proiect No. Drawing No SP2 C22-129

AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, **ISSUE TABLE** 2.3 VAPOR RETARDERS PART 3 EXECUTION F SLIVERING AND RASPING OF INSULATION BOARD SURFACE G. INSULATION THICKNESS PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT 1. MINIMUM EPS INSULATION THICKNESS IS 1 INCH (25 MM). 1. MAKE SURE INSULATION BOARDS ARE FULLY ADHERED TO THE SUBSTRATE A. POLYETHYLENE VAPOR RETARDER: ASTM D4397, 8 MILS THICK WITH MAXIMUM PERM 2. MAXIMUM EPS INSULATION THICKNESS IS 12 INCHES (305 MM), EXCEPT AS 3.1 ACCEPTABLE INSTALLERS BEFORE PROCEEDING TO STEPS 3.04 E2 AND 3.04 E3 BELOW. RATING OF 0.1 PERM. PROVIDE PRESSURE SENSITIVE TAPE OF TYPE RECOMMENDED NOTED BELOW FOR FIRE-RESISTANCE RATED WALL ASSEMBLIES PREQUALIFY UNDER QUALITY ASSURANCE REQUIREMENTS OF THIS SPECIFICATION 2. FILL ANY OPEN JOINTS IN THE INSULATION BOARD LAYER WITH SLIVERS OF PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE BY VAPOR-RETARDER MANUFACTURER FOR SEALING JOINTS AND PENETRATIONS (SECTION 1.06 B) NSULATION OR THE SPRAY FOAM ADHESIVE. 2.4 PROTECTION H. FIRE PROTECTION 3. RASP THE INSULATION BOARD SURFACE TO ACHIEVE A SMOOTH, EVEN a. PLY-TRIM, INC.; DURABOARD A. GENERAL: PROTECT INSTALLATION AND VAPOR RETARDERS FROM DAMAGE DUE TO 1. DO NOT USE EPS FOAM PLASTIC IN EXCESS OF 12 INCHES (305 MM) THICK ON SURFACE AND TO REMOVE ANY ULTRAVIOLET RAY DAMAG b. ROYAL MOULDINGS LIMITED; PRO SERIES EXTERIOR MOULDINGS. IARMFUL WEATHER EXPOSURES, PHYSICAL ABUSE, AND OTHER CAUSES. PROVIDE TYPES I, II, III, OR IV CONSTRUCTION UNLESS APPROVED BY THE CODE A. INSPECT SHEATHING APPLICATION FOR COMPLIANCE WITH APPLICABLE TRIM, REVEALS AND PROJECTING AESTHETIC FEATURES TEMPORARY COVERINGS OR ENCLOSURES WHERE INSULATION WILL BE SUBJECT TO REQUIREMENT AND INSTALLATION IN CONFORMANCE WITH SPECIFICATION AND 1. ATTACH FEATURES AND TRIM WHERE DESIGNATED ON DRAWINGS WITH c. VYCOM CORP.; AZEK MANUFACTURER REQUIREMENTS: ABUSE AND CANNOT BE CONCEALED AND PROTECTED BY PERMANENT CONSTRUCTION 2. WHERE A FIRE-RESISTANCE RATING IS REQUIRED BY CODE USE THE EIFS ADHESIVE TO A BASE LAYER OF INSULATION BOARD OR TO THE COATED OVER A RATED CONCRETE OR CONCRETE MASONRY ASSEMBLY. LIMIT USE OVER RATED FRAME ASSEMBLIES TO NON-LOAD BEARING ASSEMBLIES (THE IMMEDIATELY AFTER INSTALLATION. GLASS MAT FACED GYPSUM SHEATHING COMPLIANT WITH ASTM C 1177 DENSITY: NOT LESS THAN 31 LB/CU. FT. (500 KG/CU. M.) SHEATHING SURFACE. FILL ANY GAPS BETWEEN THE TRIM AND BASE LAYER 2. EXTERIOR GRADE AND EXPOSURE I WOOD BASED SHEATHING - APA OF INSULATION WITH SPRAY FOAM ADHESIVE AND RASP FLUSH WITH THE 4. HEAT DEFLECTION TEMPERATURE: NOT LESS THAN 130° F (54° C), PER ASTM D 648. PART 3 - EXECUTION EIFS IS CONSIDERED NOT TO ADD OR DETRACT FROM THE FIRE-RESISTANCE ENGINEERED WOOD ASSOCIATION E 30 TRIM SURFACE. SLOPE THE TOP SURFACE OF ALL TRIM/FEATURES MINIMUM OF THE RATED ASSEMBLY). MAXIMUM ALLOWABLE EPS THICKNESS: 4 INCHES 5. FLAME-SPREAD INDEX: 75 OR LESS, PER ASTM E 84. 3. CEMENTITIOUS SHEATHING - CONSULT MANUFACTURER 1:2 (27 $_{\square}$) and the bottom of all horizontal reveals minimum 1:2 (27 $_{\square}$ 4. ATTACHMENT INTO STRUCTURAL SUPPORTS WITH ADJOINING SHEETS 2. CUT REVEALS/AESTHETIC GROOVES WITH A HOT-KNIFE, ROUTER OR 2.5 INTERIOR STANDING AND RUNNING TRIM A. INSTALL INSULATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS 3. REFER TO MANUFACTURER'S TESTING OR APPLICABLE CODE COMPLIANCE ABUTTED (GAPPED IF WOOD-BASED SHEATHING) AND FASTENERS AT SROOVE-TOOL IN LOCATIONS INDICATED ON DRAWINGS. FOR CONDITIONS OF INSTALLATION INDICATED REPORT FOR OTHER LIMITATIONS THAT MAY APPLY A. PROVIDE TRIM PER THIS SECTION, UNLESS OTHERWISE INDICATED. REQUIRED SPACING TO RESIST DESIGN WIND PRESSURES AS 3. OFFSET REVEALS/AESTHETIC GROOVES MINIMUM 3 INCHES (75 MM) FROM B. EXTEND INSULATION FULL THICKNESS OVER ENTIRE AREA TO BE INSULATED. CUT AND DETERMINED BY DESIGN PROFESSIONAL B. SOFTWOOD LUMBER TRIM: 1.5 PERFORMANCE REQUIREMENTS FIT TIGHTLY AROUND OBSTRUCTIONS. FILL ALL VOIDS. 5. FASTENERS SEATED FLUSH WITH SHEATHING SURFACE AND NOT 4. DO NOT LOCATE REVEALS/AESTHETIC GROOVES AT HIGH STRESS AREAS COMPLY WITH ASTM E 2570 (AIR/MOISTURE BARRIER) AND ASTM E 2568 (EIFS) SPECIES AND GRADE: EASTERN WHITE PINE; AWI PREMIUM GRADE. 5. ENSURE MINIMUM ¾ INCH (19 MM) THICKNESS OF INSULATION BOARD AT THE C. INSTALL INSULATION IN SINGLE LAYER OF REQUIRED THICKNESS. DO NOT INSTALL REPORT DEVIATIONS FROM THE REQUIREMENTS OF PROJECT SPECIFICATIONS OR BOTTOM OF THE REVEALS/AESTHETIC GROOVES. BROKEN RIGID BOARD PANELS OR TORN BLANKET INSULATION. MAXIMUM MOISTURE CONTENT: 15 PERCENT OTHER CONDITIONS THAT MIGHT ADVERSELY AFFECT THE AIR/MOISTURE BARRIEI D. PROVIDE INSULATION CONTINUOUS BEHIND ELECTRICAL BOXES, CONDUIT AND PIPING AND THE EIFS INSTALLATION TO THE GENERAL CONTRACTOR. DO NOT START WORK COMPLETION OF BACKWRAPPING 3. FACE SURFACE: SURFACED (SMOOTH). **REVISIONS** 1. COMPLETE THE BACKWRAPPING PROCEDURE BY APPLYING BASE COAT TO AT EXTERIOR WALLS. UNTIL DEVIATIONS ARE CORRECTED. A. MANUFACTURER REQUIREMENTS 4. MATERIAL SUITABLE TO RECEIVE TRANSPARENT FINISH XPOSED EDGES OF INSULATION BOARD AND APPROXIMATELY 4 INCHES (100 1. MEMBER IN GOOD STANDING OF THE EIFS INDUSTRY MEMBERS ASSOCIATION E. INSTALL BLANKET TYPE INSULATION WITH TIGHT FITTING BUTT JOINTS. INSTALL FOIL MM) ONTO THE FACE OF THE INSULATION BOARD. PULL MESH TIGHT AROUND C. HARDWOOD LUMBER TRIM THE BOARD AND EMBED IT IN THE BASE COAT WITH A STAINLESS STEEL REMOVE SURFACE CONTAMINANTS GYPSUM SHEATHING 2. AIR/MOISTURE BARRIER AND EIFS MANUFACTURER FOR A MINIMUM OF THIRTY SUPPORT WHEN REQUIRED TO MAINTAIN INSULATION IN PERMANENT PROPER SPECIES AND GRADE: SELECT WHITE BIRCH, MILL CLEAR, AWI PREMIUM GRADE. TROWEL. USE A CORNER TROWEL FOR CLEAN, STRAIGHT LINES. SMOOTH REPAIR CRACKS, SPALLS OR DAMAGE IN CONCRETE AND CONCRETE MASONRY ANY WRINKLES OR GAPS IN THE MESH. 8/01/2023 RESPONSE TO CITY MAXIMUM MOISTURE CONTENT: 9 PERCENT 3. MANUFACTURING FACILITIES ISO 9001:2008 CERTIFIED QUALITY SYSTEM AND SURFACES AND LEVEL CONCRETE AND MASONRY SURFACES TO COMPLY WITH F. INSTALL BLANKET TYPE INSULATION LOCATED NEAR BOTTOM CHORD OF ROOF TRUSS ACCESSORY INSTALLATION REQUIRED TOLERANCES ISO 14001:2004 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM 3. FACE SURFACE: SURFACED (SMOOTH). OVER A WIRE MESH SUPPORT PLANE WHICH IS SECURED TO THE ROOF TRUSS APPLY CONDITIONER (CONSULT STO) BY SPRAY OR ROLLER TO CHALKING OR . CORNER BEAD: CUT THE CORNER BEAD ACCESSORY TO PROPER LENGTH AS MEMBER. INSTALL FOIL FACING VAPOR BARRIER EXPOSED TO THE INTERIOR. WIR HEALTH COMMENTS NEEDED. USE FULL PIECES WHEREVER POSSIBLE AND AVOID USING SHOR 9/04/2023 4. MATERIAL SUITABLE TO RECEIVE TRANSPARENT FINISH EXCESSIVELY ABSORPTIVE SURFACES OR PRESSURE WASH TO REMOVE SURFACE MESH TO BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE BLANKET TYPE FILLER PIECES, OFFSET ACCESSORY BUTT JOINTS FROM SUBSTRATE JOINTS. 1. ENGAGED IN APPLICATION OF SIMILAR SYSTEMS FOR A MINIMUM OF THREE (3) INSULATION MANUFACTURER'S RECOMMENDATIONS. D. SOFTWOOD MOLDINGS: WMMPA WM 4, N-GRADE WOOD MOLDINGS. MAKE PATTERNS APPLY BASE COAT WITH A STAINLESS STEEL TROWEL TO AN APPROXIMATE REMOVE FASTENERS THAT ARE NOT ANCHORED INTO SUPPORTING CONSTRUCTION 9/12/2023 RESPONSE TO CITY THICKNESS OF 1/8 INCH (3 MM) TO THE OUTSIDE CORNER AREA THAT WIL G. INSTALL FIRESTOPPING MATERIALS IN ACCORDANCE WITH MANUFACTURER'S AND SEAL HOLES WITH AIR BARRIER MATERIAL 2. KNOWLEDGEABLE IN THE PROPER USE AND HANDLING OF STO MATERIALS ECEIVE THE ACCESSORY. IMMEDIATELY PLACE THE ACCESSORY DIRECT SEAL OVER-DRIVEN FASTENERS WITH AIR BARRIER MATERIAL AND INSTALI 1. SPECIES AND GRADE: EASTERN WHIT PINE; AWI PREMIUM GRADE INSTRUCTIONS TO MAINTAIN FIRE SEPARATIONS INDICATED. INSTALL FIRESTOPPIN 3. EMPLOY SKILLED MECHANICS WHO ARE EXPERIENCED AND KNOWLEDGEABLE INTO THE WET BASE COAT MATERIAL, DO NOT SLIDE INTO PLACE, PRESS THE INSULATION OF PROPER SIZES AND THICKNESS' WITH BRACKETS OR SAFING CLIPS ADDITIONAL FASTENERS AS NEEDED TO COMPLY WITH FASTENER SPACING 9/12/2023 HEALTH COMMENTS IN AIR/MOISTURE BARRIER AND EIFS APPLICATION, AND FAMILIAR WITH THE 2. MAXIMUM MOISTURE CONTENT: 15 PERCENT ACCESSORY INTO PLACE. A CORNER TROWEL IS BEST FOR THIS PURPOSE REQUIREMENTS OF THE SPECIFIED WORK EMBED AND COMPLETELY COVER THE MESH AND PVC BY TROWELING FROM FILL LARGE GAPS BETWEEN SHEATHING OR VOIDS AROUND PIPE, CONDUIT. ALL VOIDS. PROVIDE CONTINUITY OF FIRE SAFETY SYSTEMS AS INDICATED. 3. MATERIAL SUITABLE TO RECEIVE TRANSPARENT FINISH. HE CORNER TO THE EDGE OF THE MESH SO THAT NO MESH OR PVC COLOR 4. SUCCESSFUL COMPLETION OF MINIMUM OF THREE (3) PROJECTS OF SIMILAR SCUPPER, AND SIMILAR PENETRATIONS WITH SPRAY FOAM AND SHAVE FLUSH WITH SIZE AND COMPLEXITY TO THE SPECIFIED PROJECT S VISIBLE, AVOID EXCESS BUILD-UP OF BASE COAT AND FEATHER ALONG E. HARDWOOD MOLDINGS: WMMPA HWM 2, N-GRADE WOOD MOLDINGS. MAKE PATTERNS SURFACE (REFER TO STO DETAILS) MESH EDGES. ADJOIN SEPARATE PIECES BY ABUTTING PVC TO PVC AND END OF SECTION 07 21 00 INCLUDED IN WMMPA WM 12. 5. PROVIDE THE PROPER EQUIPMENT, MANPOWER AND SUPERVISION ON THE REPLACE WEATHER-DAMAGED SHEATHING AND REPAIR OR REPLACE DAMAGED OR OVERLAPPING THE MESH "TAIL" FROM ONE PIECE ONTO THE NEXT PIECE 1. SPECIES AND GRADE: SELECT WHITE BIRCH, MILL CLEAR, AWI PREMIUM GRADE. CRACKED SHEATHING JLLY EMBED THE ACCESSORY AND MESH "TAIL" IN BASE COAT MATERIAL. SPECIFICATIONS AND DETAILS AND THE PROJECT PLANS AND SPECIFICATIONS DRAWINGS REVISED AS PER DESIGN BULLETIN EXTERIOR INSULATION AND SECTION 07 24 00 WHEN INSTALLING FIELD MESH REINFORCEMENT OVERLAP ACCESSORY MAXIMUM MOISTURE CONTENT: 9 PERCENT MESH AND PVC. REMOVE ANY EXCESS BASE COAT FROM THE OUTSIDE C. INSULATION BOARD MANUFACTURER REQUIREMENTS FINISH SYSTEMS 3. MATERIAL SUITABLE TO RECEIVE TRANSPARENT FINISH Date 1. EPS BOARD LISTED BY AN APPROVED AGENCY A. TRANSITION DETAILING 2. DRIP EDGE: INSTALL THE DRIP EDGE ACCESSORY PRIOR TO APPLICATION OF 1. DETAIL TRANSITION AREAS WITH STO RAPIDGUARD OR STOGUARD 2.6 SHEET MATERIALS PART 1 - GENERAL 2. EPS BOARD MANUFACTURED UNDER STO LICENSING AGREEMENT AN ELD MESH (PARAGRAPH 3.4.2 I5 BELOW). INSTALL WITH ARROW ON MESH RECOGNIZED BY STO AS BEING CAPABLE OF PRODUCING EPS INSULATION TRANSITION MEMBRANE TO ACHIEVE AIR BARRIER CONTINUITY. FOR A. PROVIDE SHEET MATERIAL PER THIS SECTION, UNLESS OTHERWISE INDICATED. POINTING UP, CUT THE ACCESSORY TO PROPER LENGTH AS NEEDED, USE ILLUSTRATIONS OF INSTALLATION, REFER TO STO GUIDE DETAILS AND STO PIECES WHEREVER POSSIBLE AND AVOID USING SHORT FILLER PIECES B. INTERIOR SOFTWOOD PLYWOOD: 3. EPS BOARD LABELED WITH INFORMATION REQUIRED BY STO, THE APPROVED RAPIDGUARD INSTALLATION GUIDE OR STOGUARD TRANSITION OFFSET ACCESSORY BUTT JOINTS FROM SUBSTRATE JOINTS, APPLY BASE A. PROVIDE AIR AND MOISTURE BARRIER, AND COMPATIBLE EIFS FOR VERTICAL ABOVE MEMBRANE INSTALLATION GUIDE (WWW.STOCORP.COM) LISTING AGENCY, AND THE APPLICABLE BUILDING CODE. SPECIES AND GRADE: DOUGLAS FIR, AWI PREMIUM GRADE GRADE EXTERIOR WALLS 1/8 INCH (3 MM) TO THE AREA THAT WILL RECEIVE THE ACCESSORY. B. ROUGH OPENING FACE SURFACE: SURFACED (SMOOTH) PLUGGED AND SANDED. D. MOCK-UP TESTING B. RELATED SECTIONS 1 STO GOLD FILL WITH STOGUARD MESH: APPLY 9 INCH (229 MM) WIDE 1. CONSTRUCT FULL-SCALE MOCK-UP OF TYPICAL AIR/MOISTURE BARRIER AND MATERIAL AND PRESS INTO PLACE, DO NOT SLIDE INTO PLACE, EMBED AND C. EXTERIOR MEDIUM DENSITY OVERLAY PLYWOOD 1. SECTION 06 16 00: SHEATHING EIFS/WINDOW WALL ASSEMBLY WITH SPECIFIED TOOLS AND MATERIALS AND 2. SECTION 07 62 00: SHEET METAL FLASHING AND TRIM FILL BY SPRAY OR TROWEL OVER THE MESH AND SPREAD WITH A TROWEL EDGE SCREED RAIL TO THE EDGE OF THE MESH, AVOID EXCESS BUILD-UP OF GRADE: PS 1-95 AWI PREMIUM VENEER GRADE ASE COAT, FEATHER ALONG MESH EDGES, AND REMOVE ANY EXCESS BASE 3. SECTION 08 11 00 METAL DOORS AND FRAMES ACCORDANCE WITH ASTM E 283, ASTM E 331 AND ASTM E 330, RESPECTIVELY 4. SECTION 08 41 13 ALUMINUM ENTRANCES AND STOREFRONT WINDOWS (REFER TO STO DETAIL 20,20M). COAT FROM THE DRIP EDGE NOSING. ABUT ADJOINING PIECES AND INSTALL TYPE OF GLUE: AS RECOMMENDED FOR APPLICATION REQUIREMENTS OF PROJECT SPECIFICATIONS. WHERE MOCK-UP IS TESTED AT OVERLAP ACCESSORY MESH 4 INCHES (10 CM) ON BOTH VERTICAL AND SHEATHING JOINT TREATMENT A. MANUFACTURER'S SPECIFICATIONS, DETAILS, INSTALLATION INSTRUCTIONS AND TESTED OFF-SITE ACCURATELY RECORD CONSTRUCTION DETAILING AND 1. STO GOLD FILL WITH STOGUARD MESH: PLACE 4 INCH (102 MM) WIDE MES PRODUCT DATA ONE SIDE ONLY AND EQUAL TO TOSENBERG MDO BY ROSEBURG FORREST BASE COAT FROM THE DRIP EDGE NOSING, ON VERTICAL AND HORIZONTAL QUENCING OF APPROVED MOCK-UP FOR REPLICATION DURING CENTERED ALONG SHEATHING JOINTS AND MINIMUM 9 INCH (229 MM) WIDE PRODUCTS. FURNISH FACTORY PRIMED (2) SIDES AND EDGES). B. MANUFACTURER'S CODE COMPLIANCE REPORT CONSTRUCTION. MESH CENTERED AND FOLDED AT INSIDE AND OUTSIDE CORNERS REMOVE ANY PROTRUDING FINISH FROM THE DRIP EDGE NOSING. IMMEDIATELY APPLY STO GOLD FILL BY SPRAY OR TROWEL AND SPREAD 2.7 MISCELLANEOUS MATERIALS C. MANUFACTURER'S STANDARD WARRANTY WITH A TROWEL TO CREATE A SMOOTH SURFACE THAT COMPLETELY BASE COAT AND REINFORCING MESH APPLICATION A. FOR FASTENER SPECIFICATIONS, SEE D. APPLICATOR'S INDUSTRY TRAINING CREDENTIALS 1. PROVIDE INDEPENDENT THIRD PARTY INSPECTION WHERE REQUIRED BY CODE COVERS THE MESH. 1. ENSURE THE INSULATION BOARD IS FIRMLY ADHERED AND FREE OF ROUGH CARPENTRY - SECTION 06 10 00 OR CONTRACT DOCUMENTS SURFACE CONTAMINATION OR UV DEGRADATION, AND IS THOROUGHLY E. SAMPLES FOR APPROVAL AS DIRECTED BY ARCHITECT OR OWNER AIR/MOISTURE BARRIER COATING INSTALLATION 2. CONDUCT INSPECTIONS IN ACCORDANCE WITH CODE REQUIREMENTS AND RASPED BEFORE COMMENCING THE BASE COAT APPLICATION. B. GLUE: ALIPHATIC-RESIN, POLYURETHANE, OR RESORCINOL WOOD GLUE PLYWOOD AND GYPSUM SHEATHING: APPLY WATERPROOF COATING BY F. SEALANT MANUFACTURER'S CERTIFICATE OF COMPLIANCE WITH ASTM C 1382 2. APPLY MINIMUM 9X12 INCH (225X300 MM) DIAGONAL STRIPS OF DETAIL MESH 1. USE WOOD GLUE THAT HAS A VOC CONTENT OF 30 G/L OR LESS WHEN CALCULATED AT CORNERS OF WINDOWS, DOORS, AND ALL PENETRATIONS THROUGH THI SYSTEM. EMBED THE STRIPS IN WET BASE COAT AND TROWEL FROM THE G. PREPARE AND SUBMIT PROJECT-SPECIFIC DETAILS (WHEN REQUIRED BY CONTRACT JOINT TREATMENT, ROUGH OPENING PROTECTION, AND TRANSITION ACCORDING TO 40 CRF 59, SUBPART D (EPA METHOD 24). 1.7 DELIVERY, STORAGE AND HANDLING DOCUMENTS) CENTER TO THE EDGES OF THE MESH TO AVOID WRINKLES. C. ACCESSORIES: DELIVER ALL MATERIALS IN THEIR ORIGINAL SEALED CONTAINERS BEARING GOLD COAT) OR 20 MILS IN ONE COAT (STO AIRSEAL), USE 1/2 INCH (13 MM 3. APPLY DETAIL MESH AT TRIM, REVEALS AND PROJECTING ARCHITECTURA MANUFACTURER'S NAME AND IDENTIFICATION OF PRODUC 1.3 REFERENCES LUMBER FOR SHIMMING, BLOCKING, AND MISCELLANEOUS USE: SOFTWOOD EATURES. EMBED THE MESH IN THE WET BASE COAT. TROWEL FROM THE MAT FACED GYPSUM SHEATHING. PROTECT FROM WEATHER UNTIL DRY. PROTECT COATINGS (PAIL PRODUCTS) FROM FREEZING AND TEMPERATURES IN UMBER OF DOUGLAS FIR, UTILITY GRADE SPECIES. SIZE AS REQUIRED FOR BASE OF REVEALS TO THE EDGES OF THE MESH. A. ASTM STANDARDS: EXCESS OF 90 ☐ F (32 ☐ C), STORE AWAY FROM DIRECT SUNLIGHT. CONDITION UNLESS SHOWN OTHERWISE. 4. ULTRA-HIGH IMPACT MESH APPLICATION (RECOMMENDED TO A MINIMUM PROTECT PORTLAND CEMENT BASED MATERIALS (BAG PRODUCTS) FROM THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE E. AIR /MOISTURE BARRIER CONNECTIONS AND SHINGLE LAPS HEIGHT OF 6'-0" [1.8 M] ABOVE FINISHED GRADE AT ALL AREAS ACCESSIBLE 2. PLASTIC EDGE TRIM: EXTRUDED CONVEX SHAPE: SMOOTH FINISH: SELF LOCKING ATSM C 578 SPECIFICATION FOR PREFORMED, CELLULAR POLYSTYRENE THERMAL MOISTURE AND HUMIDITY. STORE UNDER COVER OFF THE GROUND IN A DRY 1. COORDINATE INSTALLATION OF CONNECTING AIR BARRIER COMPONENTS TO PEDESTRIAN TRAFFIC AND OTHER AREAS EXPOSED TO ABNORMAL ATED TONGUE; WIDTH TO MATCH COMPONENT THICKNESS; COLOR AS REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR WITH OTHER TRADES TO PROVIDE A CONTINUOUS AIR TIGHT MEMBRANE TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN . COPYRIGHT SELECTED BY ARCHITECT ASTM C 1382 TEST METHOD FOR DETERMINING TENSILE ADHESION PROPERTIES OF 2. COORDINATE INSTALLATION OF FLASHING AND OTHER MOISTURE APPLY BASE COAT OVER THE INSULATION BOARD WITH A STAINLESS STEE SEALANTS WHEN USED IN EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS) JOINTS 1.8 PROJECT/SITE CONDITIONS 3. PRIMER: ALKYD PRIMER SEALER TYPE. PRIME IN ACCORDANCE WITH PROTECTION COMPONENTS WITH OTHER TRADES TO ACHIEVE COMPLETE INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND MAINTAIN AMBIENT AND SURFACE TEMPERATURES ABOVE 40□F (4□C) DURING MANUFACTURER'S REQUIREMENT AND PER SECTION 09900 (PAINTING) MOISTURE PROTECTION SUCH THAT WATER IS DIRECTED TO THE WORK HORIZONTALLY OR VERTICALLY IN STRIPS OF 40 INCHES (1016 MM) ASTM E 84 TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING APPLICATION AND DRYING PERIOD, MINIMUM 24 HOURS AFTER APPLICATION OF EXTERIOR, NOT INTO THE WALL ASSEMBLY, AND DRAINED TO THI ND IMMEDIATELY EMBED THE MESH INTO THE WET BASE COAT BY 4. WOOD FILLER: OIL BASE, TINTED TO MATCH SURFACE FINISH COLOR. EXTERIOR AT SOURCES OF LEAKS (WINDOWS, DOORS AND SIMILAR TROWELING FROM THE CENTER TO THE EDGE OF THE MESH. BUTT THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE ASTM E 96 TEST METHODS FOR WATER VAPOR TRANSMISSION OF MATERIALS PROVIDE SUPPLEMENTARY HEAT FOR INSTALLATION IN TEMPERATURES LESS THAN PENETRATIONS THROUGH THE WALL ASSEMBLY). ULTRA-HIGH IMPACT MESH AT SEAMS. ALLOW THE BASE COAT TO DR' PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIAN ASTM E 119 METHOD FOR FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS STANDARD MESH APPLICATION: APPLY BASE COAT OVER THE INSULATION KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK, THESE DRAWING 3. SPLICE-IN HEAD FLASHINGS ABOVE WINDOWS, DOORS, FLOOR LINES, BHMA A156.9 AS FOLLOWS: ALL HARDWARE TO BE AS SHOWN ON DRAWINGS. IF c. PROVIDE PROTECTION OF SURROUNDING AREAS AND ADJACENT SURFACES FROM ASTM E 2134 TEST METHOD FOR EVALUATING THE TENSILE-ADHESION PERFORMANCE ROOF/SIDEWALL STEP FLASHING, AND SIMILAR LOCATIONS WITH BOARD, INCLUDING AREAS WITH ULTRA-HIGH IMPACT MESH, WITH A NOT SHOWN PROVIDE HARDWARE AS DIRECTED BY OWNER AND/OR AS REQUIRED APPLICATION OF PRODUCTS STAINLESS STEEL TROWEL TO A UNIFORM THICKNESS OF APPROXIMATELY 1/ POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION" STOGUARD DETAIL COMPONENT TO ACHIEVE SHINGLE LAP OF THE OF AN EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) FOR A COMPLETE INSTALLATION. ASTM E 2178 TEST METHOD FOR AIR PERMEANCE OF BUILDING MATERIALS AIR/MOISTURE BARRIER SUCH THAT WATER IS DIRECTED TO THE INCH (3 MM). WORK HORIZONTALLY OR VERTICALLY IN STRIPS OF 40 INCHES 016MM), AND IMMEDIATELY EMBED THE MESH INTO THE WET BASE COAT B E. FABRICATION: 1.9 COORDINATION/SCHEDULING ASTM E 2273 TEST METHOD FOR DETERMINING THE DRAINAGE EFFICIENCY OF PROVIDE SITE GRADING SUCH THAT THE EIFS TERMINATES ABOVE GRADE A MINIMUM ROWELING FROM THE CENTER TO THE EDGE OF THE MESH. OVERLAP MESH EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) CLAD WALL ASSEMBLIES FABRICATE TO AWI PREMIUM STANDARDS OT LESS THAN 2-1/2 INCHES (64 MM) AT MESH SEAMS AND AT OVERLAPS OF OF 6 INCHES (150 MM) OR AS REQUIRED BY CODE ASTM E 2357 STANDARD TEST METHOD FOR DETERMINING AIR LEAKAGE OF AIR DETAIL MESH. FEATHER SEAMS AND EDGES. DOUBLE WRAP ALL INSIDE AND 2. SHOP ASSEMBLE WORK FOR DELIVERY TO SITE, PERMITTING PASSAGE THROUGH COORDINATE INSTALLATION OF FOUNDATION WATERPROOFING, ROOFING MEMBRANE A. STARTER TRACK OUTSIDE CORNERS WITH MINIMUM 6 INCH (152 MM) OVERLAP IN EACH ASTM E 2485 STANDARD TEST METHOD FOR FREEZE/THAW RESISTANCE OF EXTERIOR I WINDOWS, DOORS AND OTHER WALL PENETRATIONS TO PROVIDE A CONTINUOUSLY DIRECTION (OPTIONAL IF CORNER BEAD ACCESSORY IS USED - SEE NOTE TO CONNECTED AIR AND MOISTURE BARRIER NSULATION AND FINISH SYSTEMS (EIFS) AND WATER RESISTIVE BARRIER COATINGS 3. FIT INTERIOR EXPOSED SHEET MATERIAL EDGES WITH PLASTIC EDGING WHERE ARAGRAPH 3.4.2 H1 ABOVE).AVOID WRINKLES IN THE MESH. THE MESH MUST 1. STRIKE A LEVEL LINE AT THE BASE OF THE WALL TO MARK WHERE THE PROVIDE PROTECTION OF ROUGH OPENINGS BEFORE INSTALLING WINDOWS, DOORS, BE FULLY EMBEDDED SO THAT NO MESH COLOR SHOWS THROUGH THE BASI SHOWN (NEVER LEAVE IN FINISHED EDGE EXPOSED TO VIEW). B. BUILDING CODE STANDARDS OP OF THE STARTER TRACK TERMINATES AND OTHER PENETRATIONS THROUGH THE WALL COAT WHEN IT IS DRY. RE-SKIM WITH ADDITIONAL BASE COAT IF MESH COLOR 2. ATTACH THE STARTER TRACK EVEN WITH THE LINE INTO STRUCTURAL 4 WHEN NECESSARY TO CUT AND FIT ON SITE PROVIDE MATERIALS WITH AMPLE INSTALL WINDOW AND DOOR HEAD FLASHING IMMEDIATELY AFTER WINDOWS AND SUPPORTS WITH THE PROPER FASTENER: TYPE S-12 CORROSION ALLOWANCE FOR CUTTING. PROVIDE TRIM FOR SCRIBING AND SITE CUTTING AC 235 ACCEPTANCE CRITERIA FOR EIFS CLAD DRAINAGE WALL ASSEMBLIES DOORS ARE INSTALLED 6. SLOPED SURFACES: FOR TRIM, REVEALS, AESTHETIC BANDS, CORNICE (NOVEMBER, 2009) INSTALL DIVERTER FLASHINGS WHEREVER WATER CAN ENTER THE WALL ASSEMBLY PROFILES SILLS OR OTHER ARCHITECTURAL FEATURES THAT PROJECT AND THREE THREAD PENETRATION, GALVANIZED OR ZINC COATED NAILS DIRECT WATER TO THE EXTERIOR BEYOND THE VERTICAL WALL PLANE MORE THAN 2 INCHES (51 MM) APPLY C. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS SAND WORK SMOOTH AND SET EXPOSED NAILS AND SCREWS. INSTALL SPLICES OR TIE-INS FROM AIR/MOISTLIRE BARRIER OVER BACK LEG OF VATERPROOF BASE COAT WITH A STAINLESS STEEL TROWEL TO THE CORROSION RESISTANT CONCRETE OR MASONRY SCREWS WITH MINIMUM FLASHINGS, STARTER TRACKS, AND SIMILAR DETAILS TO FORM A SHINGLE LAP THAT SLOPED SURFACE AND MINIMUM FOUR INCHES (100 MM) ABOVE AND BELOW NFPA 268 STANDARD TEST METHOD FOR DETERMINING IGNITABILITY OF EXTERIOR 2. APPLY WOOD FILLER IN EXPOSED NAIL AND SCREW INDENTATIONS. DIRECTS INCIDENTAL WATER TO THE EXTERIOR T. EMBED STANDARD MESH OR DETAIL MESH IN THE WATERPROOF BASE WALL ASSEMBLIES USING A RADIANT HEAT ENERGY SOURCE STUDS INTO BLOCKING AS NEEDED TO SECURE THE TRACK FLAT AGAINST ON ITEMS TO RECEIVE TRANSPARENT FINISHES. USE WOOD FILLER WHICH COAT AND OVERLAP MESH SEAMS A MINIMUM OF 2-1/2 INCHES (65 MM). INSTALL COPINGS AND SEALANT IMMEDIATELY AFTER INSTALLATION OF THE EIFS THE WALL SURFACE. ATTACH AT MAXIMUM 16 INCHES (406 MM) ON CENTE EPA 285 STANDARD METHOD OF TEST FOR THE EVALUATION OF MATCHES SURROUNDING SURFACES AND OF TYPES RECOMMENDED FOR APPLIED 7. ALLOW BASE COAT TO THOROUGHLY DRY BEFORE APPLYING PRIMER OR INTO FRAMING FOR SOLID WOOD SHEATHING OR CONCRETE/MASONR THE EIFS SURFACE, IT IS APPLIED AGAINST THE BASE COAT OR PRIMED BASE COAT SURFACES, ATTACH DIRECTLY AT 12 INCHES (305 MM) ON CENTER COMBUSTIBLE COMPONENTS USING THE INTERMEDIATE-SCALE, MULTISTORY TEST AVOID APPLICATION IN DIRECT SUNLIGHT 4. FINISH WORK IN ACCORDANCE WITH AWI AS SHOWN ON DRAWINGS AND AS 3. BUTT SECTIONS OF STARTER TRACK TOGETHER. MITER CUT OUTSIDE APPLY FINISH IN A CONTINUOUS APPLICATION, AND WORK TO AN DIRECTED BY OWNER D. OTHER REFERENCED DOCUMENTS RNERS AND ABUT. SNIP FRONT FLANGE OF ONE INSIDE CORNER PIECE a. STO GOLD FILL® - READY MIXED COATING APPLIED BY TROWEL OR KNIFE FOR ARCHITECTURAL BREAK IN THE WALL. AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS AATCC-127 PART 3 - EXECUTION WEATHER CONDITIONS AFFECT APPLICATION AND DRYING TIME HOT OR ROUGH OPENING PROTECTION OF FRAME WALLS AND JOINT TREATMENT OF (TO ALLOW EPS INSULATION BOARD TO BE SEATED INSIDE OF TRACK) AND WATER RESISTANCE: HYDROSTATIC PRESSURE TEST SHEATHING WHEN USED WITH STOGUARD MESH. ALSO USED AS A DETAIL DRY CONDITIONS LIMIT WORKING TIME AND ACCELERATE DRYING. 3.1 EXAMINATION COMPONENT WITH STOGUARD MESH TO SPLICE OVER BACK FLANGE OF STARTER a. POLYURETHANE SPRAY FOAM ADHESIVE (STO TURBOSTICK): APPLY ADJUSTMENTS IN THE SCHEDULING OF WORK MAY BE REQUIRED TO TRACK, FLASHING, AND SIMILAR SHIP LAP DETAILS 3. ICC-ES ESR-1233, STOGUARD WITH GOLD COAT, STOGUARD WITH ADHESIVE TO THE BACK OF THE INSULATION BOARD WITH THE ACHIEVE DESIRED RESULTS. COOL OR DAMP CONDITIONS EXTEN A. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK EMERALDCOAT, AND STOGUARD VAPORSEAL WATER-RESISTIVE BARRIERS DISPENSING PISTOL APPROXIMATELY 3/4 INCH (19 MM) FROM ENDS. APPLY WORKING TIME AND RETARD DRYING AND MAY REQUIRE ADDED Company Logo VERIFY ADEQUACY OF BACKING AND SUPPORT FRAMING 5 ADDITIONAL RIBBONS SPACED EQUALLY AT NO GREATER THAN 7 MEASURES OF PROTECTION AGAINST WIND, DUST, DIRT, RAIN AND SCHEDULE WORK SUCH THAT AIR/MOISTURE BARRIER IS EXPOSED TO WEATHER NO AND STOENERGY GUARD LONGER THAN 180 DAYS IF STO GOLD COAT IS USED, 90 DAYS IF STO AIRSEAL IS USED. INCHES (177 MM) APART BETWEEN THE END RIBBONS. APPLY UNIFORM FREEZING. ADJUST WORK SCHEDULE AND PROVIDE PROTECTION. C. VERIEV MECHANICAL ELECTRICAL AND BUILDING ITEMS AFFECTING WORK OF THIS 4. ICC-ES ESR-1748, STOTHERM® CI RIBBONS OF ADHESIVE PARALLEL WITH THE SHORT DIMENSION OF THE ATTACH PENETRATIONS THROUGH THE EIFS TO STRUCTURAL SUPPORT AND PROVIDE DO NOT INSTALL SEPARATE BATCHES OF FINISH SIDE-BY-SIDE. SECTION ARE PLACED AND READY TO RECEIVE THIS WORK BOARD SO THAT WHEN BOARDS ARE PLACED ON THE WALL THE RIBBONS. DO NOT APPLY FINISH INTO OR OVER SEALANT JOINTS. APPLY FINISH TO 1.4 DESIGN REQUIREMENT WATER TIGHT SEAL AT PENETRATIONS 3.2 INSTALLATION WILL BE VERTICAL. APPLY ADHESIVE RIBBONS APPROXIMATELY ½ INCH (51 MM) IN DIAMETER WHICH WILL EXPAND TO ¾ - 1 INCH (19 - 25 MM) DO NOT APPLY FINISH OVER IRREGULAR OR UNPREPARED SURFACES, OR SURFACES NOT IN COMPLIANCE WITH THE REQUIREMENTS OF THE A. INSTALL WORK IN ACCORDANCE WITH AWI PREMIUM QUALITY STANDARD. KEEP ADHESIVE ½ INCH (51 MM) SHORT OF BOARD EDGES. APPLY DESIGN FOR MAXIMUM ALLOWABLE SYSTEM DEFLECTION, NORMAL TO THE A. PROVIDE MANUFACTURER'S STANDARD WARRANTY ADHESIVE UNIFORMLY SO RIBBONS OF ADHESIVE DO NOT CONVERGE B. SET AND SECURE MATERIALS AND COMPONENTS IN PLACE, PLUMB, AND LEVEL. PLANE OF THE WALL, OF L/240. ALLOW ADHESIVE TO "DWELL" AND BECOME "TACKY" BEFORE PLACING 2. DESIGN FOR WIND LOAD IN CONFORMANCE WITH CODE REQUIREMENTS. 8. DARK COLOURED FIES NOT TO BE INSTALLED IN DIRECT SUNLIGHT. C. CAREFULLY SCRIBE WORK ABUTTING OTHER COMPONENTS, WITH MAXIMUM GAPS OF BOARDS ON WALL ADHESIVE WILL LOOK SMOOTH, NOT JAGGED, WHEN 3. MAXIMUM WIND LOAD RESISTANCE: + 188 PSF (9.00 KPA), PROVIDED /32 INCH (1 MM). DO NOT USE ADDITIONAL OVERLAY TRIM TO CONCEAL LARGER GAPS READY TO APPLY TO WALL SURFACE. PLACE BOARDS WHILE ADHESIVE IS STRUCTURAL SUPPORTS AND SHEATHING/SHEATHING ATTACHMENT ARE "TACKY" AND BEFORE ADHESIVE "SKINS" PRIMER APPLICATION D. MITER 90 DEGREES EXTERIOR CORNERS OF MDO EXTERIOR PLYWOOD. ADEQUATE TO RESIST THESE PRESSURES. 2.1 MANUFACTURERS 4. INSTALL STARTER TRACK AT OTHER EIFS TERMINATIONS AS DESIGNATED . ENSURE THE BASE COAT SURFACE IS FREE OF SURFACE CONTAMINATION PROVIDE AIR/MOISTURE BARRIER AND EIFS COATINGS AND ACCESSORIES FROM 10755 SANDHILL ROAD, DALLAS, TEXAS 75238 ON DETAIL DRAWINGS: ABOVE ROOF ALONG DORMERS OR GABLE END E. INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. BEFORE COMMENCING THE PRIMER APPLICATION SINGLE SOURCE MANUFACTURER OR APPROVED SUPPLIE TEL: 214-343-9400 <u>www.dimensiongrp.com</u> PREVENT THE ACCUMULATION OF WATER BEHIND THE EIFS OR INTO THE WALLS, AND BENEATH WINDOW SILLS WITH CONCEALED FLASHING (REFER F. SET EXPOSED FASTENERS. APPLY WOOD FILLER IN EXPOSED FASTENER INDENTATIONS. B. THE FOLLOWING ARE ACCEPTABLE MANUFACTURERS: 2. APPLY PRIMER EVENLY WITH BRUSH, ROLLER OR PROPER SPRAY TO STO DETAILS). WALL ASSEMBLY, EITHER BY CONDENSATION OR LEAKAGE THROUGH THE EQUIPMENT OVER THE CLEAN, DRY BASE COAT AND ALLOW TO DRY SAND WORK SMOOTH. 1. STO CORP. - AIR/MOISTURE BARRIER, EIFS 5. DETAIL SPLICE STRIPS FOR STARTER TRACK, FLASHING AT FLOOR LINES, WALL CONSTRUCTION, IN THE DESIGN AND DETAILING OF THE WALL HOROUGHLY BEFORE APPLYING FINISH 2. PLASTIC COMPONENTS, INC. - EIFS ACCESSORIES 3.3 ERECTION TOLERANCES HEAD OF WINDOWS AND DOORS 6. STARTER TRACK, WINDOW/DOOR HEAD FLASHING, FLOOR LINE FLASHING, a. PROVIDE FLASHING TO DIRECT WATER TO THE EXTERIOR WHERE IT IS LIKELY FINISH COAT APPLICATION A MAXIMUM VARIATION FROM TRUE POSITION: 1/16 INCH (1.5 MM) TO PENETRATE COMPONENTS IN THE WALL ASSEMBLY, INCLUDING, ABOVE ID ROOF/SIDE WALL STEP FLASHING: INSTALL MINIMUM 4 INCH (100 MM) 1 ENSURE THE BASE COAT SURFACE OR PRIMED BASE COAT IS FREE OF B. MAXIMUM OFFSET FROM TRUE ALIGNMENT WITH ABUTTING MATERIALS: 1/32 INCH WIDE DETAIL COMPONENT OVER BACK FLANGE OF STARTER TRACK, WINDOW AND DOOR HEADS, BENEATH WINDOW AND DOOR SILLS, AT SURFACE CONTAMINATION BEFORE COMMENCING THE FINISH APPLICATION. ROOF/WALL INTERSECTIONS, DECKS, ABUTMENTS OF LOWER WALLS WITH REFER TO FLUID APPLIED MEMBRANE AIR BARRIERS SECTION 07 27 26 FLOOR LINE FLASHING, HEAD FLASHING, AND ROOF/SIDE WALL STEP 2 APPLY FINISH DIRECTLY OVER THE BASE COAT OR PRIMED BASE COAT WHEN HIGHER WALLS, ABOVE PROJECTING FEATURES, AT FLOOR LINES, AND AT FLASHING, CENTER THE DETAIL COMPONENT SO IT SPANS EVENLY DRY, APPLY FINISH BY SPRAY OR STAINLESS STEEL TROWEL, DEPENDING ON END OF SECTION 06 20 00 BETWEEN THE BACK LEG OF FLASHING (OR ACCESSORY) AND THE COATED SHEATHING. MAKE A SMOOTH TRANSITION TO THE COATED THE BASE OF THE WALI THE FINISH SPECIFIED. FOLLOW THESE GENERAL RULES FOR APPLICATION h AIR LEAKAGE PREVENTION - PROVIDE CONTINUITY OF THE AIR BARRIER A. STO TURBOSTICK™ - ONE COMPONENT POLYURETHANE SPRAY FOAM ADHESIVE SYSTEM AT FOUNDATION, ROOF, WINDOWS, DOORS, AND OTHER SHEATHING WITH A TROWEL, KNIFE, OR ROLLER, DEPENDING ON THE **DIVISION 7 - THERMAL & MOISTURE** DETAIL COMPONENT MATERIAL BEING USED. WHEN STO GOLD FILL WITH PENETRATIONS THROUGH THE WALL WITH CONNECTING AND COMPATIBLE 2.4 INSULATION BOARD TOGUARD MESH IS THE DETAIL COMPONENT APPLY ANOTHER COAT OF AIR BARRIER COMPONENTS TO MINIMIZE CONDENSATION AND LEAKAGE A. PROVIDE PROTECTION OF INSTALLED MATERIALS FROM WATER INFILTRATION INTO OR **PROTECTION** STO EPS INSULATION BOARD: NOMINAL 1.0 LB/FT3 (16 KG/M3) EXPANDED THE WATERPROOF COATING OVER THE DETAIL AREA. DO NOT LEAVE CAUSED BY AIR MOVEMENT. POLYSTYRENE (EPS) INSULATION BOARD IN COMPLIANCE WITH ASTM E 2430 AND ASTM DETAIL COMPONENTS EXPOSED FOR MORE THAN 30 DAYS. VAPOR DIFFUSION AND CONDENSATION - PERFORM A DEW POINT ANALYSIS THERMAL INSULATION PROVIDE PROTECTION OF INSTALLED MATERIALS FROM DUST, DIRT, PRECIPITATION. C 578 TYPE I REQUIREMENTS AND LISTED, LABELED, AND FURNISHED IN ACCORDANCE AND/OR DYNAMIC HYGROTHERMAL MODELING OF THE WALL ASSEMBLY TO BACKWRAPPING FREEZING AND CONTINUOUS HIGH HUMIDITY UNTIL THEY ARE FULLY DRY PART 1 - GENERAL DETERMINE THE POTENTIAL FOR ACCUMULATION OF MOISTURE IN THE WALL 1. APPLY A STRIP OF DETAIL MESH TO THE DRY AIR/MOISTURE BARRIER AT ASSEMBLY BY DIFFUSION. ADJUST INSULATION THICKNESS AND/OR OTHER ALL SYSTEM TERMINATIONS (WINDOWS, DOORS, EXPANSION JOINTS, ETC 1.1 RELATED DOCUMENTS WALL ASSEMBLY COMPONENTS ACCORDINGLY TO MINIMIZE RISK, AVOID THE 2.5 BASE COAT. 3.6 CLEANING, REPAIR AND MAINTENANCE EXCEPT WHERE THE STARTER TRACK IS INSTALLED. THE MESH MUST BE USE OF VAPOR RETARDERS ON THE INTERIOR SIDE OF THE WALL IN WARM, B. CEMENTITIOUS BASE COAT A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. CLEAN AND MAINTAIN THE EIFS FOR A FRESH APPEARANCE AND TO PREVENT WATER WIDE ENOUGH TO ADHERE APPROXIMATELY 4 INCHES (100 MM) OF MESH 1. STO BTS PLUS - FACTORY BLENDED ONE COMPONENT POLYMER MODIFIED ONTO THE WALL BE ABLE TO WRAP AROUND THE INSULATION BOARD. NTRY INTO AND BEHIND THE SYSTEM. REPAIR CRACKS, IMPACT DAMAGE, SPALLS OR 1.2 QUALITY ASSURANCE PORTLAND CEMENT BASED HIGH BUILD BASE COAT. ALSO USED AS A LEVELER EDGE AND COVER A MINIMUM OF 2 1/2 INCHES (64 MM) ON THE OUTSIDE PROVIDE 2 LAYERS OF STO MESH TO A MINIMUM HEIGHT OF 2'-0" ABOVE DELAMINATION PROMPTLY. FOR CONCRETE AND MASONRY SURFACES SURFACE OF THE INSULATION BOARD, ATTACH MESH STRIPS TO THE A. SINGLE-SOURCE RESPONSIBILITY FOR INSULATION PRODUCTS: OBTAIN EACH TYPE OF GRADE AT ENTIRE BUILDING PERIMETER. MAINTAIN ADJACENT COMPONENTS OF CONSTRUCTION SUCH AS SEALANTS, WINDOWS. BUILDING INSULATION FROM A SINGLE SOURCE WITH RESOURCES TO PROVIDE CONSISTENT QUALITY IN APPEARANCE AND PHYSICAL PROPERTIES WITHOUT DELAYING AIR/MOISTURE BARRIER AND ALLOW THEM TO DANGLE UNTIL THE DOORS, AND FLASHING, TO PREVENT WATER ENTRY INTO OR BEHIND THE EIFS AND BACKWRAP PROCEDURE IS COMPLETED (PARAGRAPH 3.04 G1) 2.6 REINFORCING MESHES ANYWHERE INTO THE WALL ASSEMBLY PROVIDE MINIMUM 3/4 INCH (19 MM) WIDE JOINTS IN THE EIFS WHERE THEY ALTERNATIVELY, PRE-WRAP TERMINATING EDGES OF INSULATION BOARD REFER TO STO RESTORE REPAIR AND MAINTENANCE GUIDE (RESTORE PROGRAM) FOR EXIST IN THE SUBSTRATE OR SUPPORTING CONSTRUCTION, WHERE THE 1. STO MESH - NOMINAL 4.5 OZ/YD2 (153 G/M2), SYMMETRICAL, INTERLACED ADHESIVE APPLICATION AND INSTALLATION OF INSULATION BOARD 1.3 DELIVERY, STORAGE AND HANDLING CLADDING ADJOINS DISSIMILAR CONSTRUCTION OR MATERIALS. AT DETAILED INFORMATION ON RESTORATION - CLEANING, REPAIRS, RECOATING. OPEN-WEAVE GLASS FIBER FABRIC MADE WITH ALKALINE RESISTANT COATING FOR . ENSURE THE AIR/MOISTURE BARRIER SURFACE (STO GOLD COAT) IS FREE GES IN BUILDING HEIGHT, AT EXPANSION, CONTROL, AND COLD JOINTS RESURFACING AND REFINISHING, OR RE-CLADDING A. PROTECT INSULATION MATERIALS FROM PHYSICAL DAMAGE AND FROM DETERIORATION BY MOISTURE, SOILING, AND OTHER SOURCES. STORE INSIDE AND IN A DRY LOCATION. COMPATIBILITY WITH STO MATERIALS OF SURFACE CONTAMINATION, INSTALL THE INSULATION BOARD WITHIN 30 IN CONSTRUCTION, AND AT FLOOR LINES IN MULTI-LEVEL WOOD FRAME DAYS OF THE APPLICATION OF THE AIR/MOISTURE BARRIER COATING (STO CONSTRUCTION. SIZE JOINTS TO CORRESPOND WITH ANTICIPATED COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR HANDLING, STORAGE, AND GOLD COAT), OR CLEAN THE SURFACE AND RECOAT WITH STO GOLD END OF SECTION 07 24 00 MOVEMENT, ALIGN TERMINATING EDGES OF EIFS WITH JOINT EDGES OF PROTECTION DURING INSTALLATION JGH WALL EXPANSION JOINTS AND SIMILAR JOINTS IN CONSTRUCTION. A. STOPRIME SAND - ACRYLIC BASED TINTABLE PRIMER WITH SAND FOR ROLLER US 2112 PROTOTYPE 2. RASP THE INTERIOR LOWER FACE OF INSULATION BOARDS TO PROVIDE A B. PROTECT PLASTIC INSULATION AS FOLLOWS: DO NOT EXPOSE TO SUNLIGHT, EXCEPT REFER TO STO DETAILS. APPLICATION SNUG FRICTION FIT INTO THE STARTER TRACK. (NOTE: RASPING O EXTENT NECESSARY FOR PERIOD OF INSTALLATION AND CONCEALMENT. PROT 2. PROVIDE MINIMUM 1/2 INCH (13 MM) WIDE PERIMETER SEALANT JOINTS AT 2112-21 PREVENTS AN OUTWARD BOW AT THE STARTER TRACK). AGAINST IGNITION AT ALL TIMES. DO NOT DELIVER PLASTIC INSULATING MATERIALS TO LL PENETRATIONS THROUGH THE EIFS (WINDOWS, DOORS, MECHANICAL, 3. USE EITHER POLYURETHANE SPRAY FOAM ADHESIVE (STO TURBOSTICK) PROJECT SITE AHEAD OF INSTALLATION TIME. COMPLETE INSTALLATION AND ELECTRICAL, AND PLUMBING PENETRATIONS, ETC.). A. STOLIT® LOTUSAN® - ACRYLIC BASED TEXTURED WALL FINISH WITH GRADED MARBLE Location CONCEALMENT OF PLASTIC MATERIALS AS RAPIDLY AS POSSIBLE IN EACH AREA OF 3. PROVIDE COMPATIBLE BACKER ROD AND SEALANT THAT HAS BEEN OR CEMENTITOUS ADHESIVE: AGGREGATE AND SELF-CLEANING PROPERTIES CEMENTITIOUS ADHESIVE: APPLY ADHESIVE TO THE BACK OF THE INSULATION CONSTRUCTION. EVALUATED IN ACCORDANCE WITH ASTM C 1382, AND THAT MEETS MINIMUM BOARD WITH THE PROPER SIZE (1/2 X 1/2 X 2 INCH [13 X 13 X 51 MM]) STAINLESS 50% ELONGATION AFTER CONDITIONING. PART 2 - PRODUCTS 2.9 JOB MIXED INGREDIENTS STEEL NOTCHED TROWEL. APPLY UNIFORM RIBBONS OF ADHESIVE PARALLEL 4. 2.PROVIDE JOINTS SO THAT AIR BARRIER CONTINUITY IS MAINTAINED 1517 NC 24-87 A. WATER - CLEAN AND POTABLE WITH THE SHORT DIMENSION OF THE BOARD SO THAT WHEN BOARDS ARE ACROSS THE JOINT, AND DRAIN JOINTS TO THE EXTERIOR, OR PROVIDE 2.1 MANUFACTURERS PORTLAND CEMENT - TYPE I, TYPE II, OR TYPE I-II IN CONFORMANCE WITH ASTM C 150 PLACED ON THE WALL THE RIBBONS WILL BE VERTICAL. APPLY ADHESIVE OTHER MEANS TO PREVENT OR CONTROL WATER INFILTRATION AT JOINTS A. EXTRUDED POLYSTYRENE BOARD INSULATION: OWENS CORNING OR DOW CHEMICAL UNIFORMLY SO RIBBONS OF ADHESIVE DO NOT CONVERGE, IMMEDIATELY PLACE INSULATION BOARDS IN A RUNNING BOND PATTERN ON THE WALL WITH COMPANY OR DIVERSIFOAM PRODUCTS THE LONG DIMENSION HORIZONTAL. START BY INSERTING THE LOWER EDGE A STARTER TRACK - RIGID PVC (POLYVINYL CHLORIDE) PLASTIC TRACK PART NO. STDE AS B. BATT INSULATION: OWENS CORNING OR JOHNS MANVILLE INTERNATIONAL, INC. OR OF THE BOARDS INSIDE THE STARTER TRACK AT THE BASE OF THE WALL UNTIL 1. PROVIDE MINIMUM 6 INCH (152 MM) CLEARANCE ABOVE GRADE OR AS SHED BY PLASTIC COMPONENTS, INC., 9051 NW 97TH TERRACE, MIAMI, FL 33178 CERTAINTEED PRODUCTS CORPORATION. THEY CONTACT THE BOTTOM OF THE TRACK, APPLY FIRM PRESSURE OVER THE ENTIRE SURFACE OF THE BOARDS TO ENSURE UNIFORM CONTACT OF 2.2 INSULATING MATERIALS B. STO-MESH CORNER BEAD STANDARD - ONE COMPONENT PVC (POLYVINYL CHLORIDE) PLACE INSULATION BOARDS IN A RUNNING BOND PATTERN ON THE WALL WITH F. TRIM, PROJECTING ARCHITECTURAL FEATURES AND REVEALS CCESSORY WITH INTEGRAL REINFORCING MESH FOR OUTSIDE CORNE THE LONG DIMENSION HORIZONTAL. START BY INSERTING THE LOWER EDGE A. GENERAL: PROVIDE INSULATING MATERIALS AS SCHEDULED IN THE DRAWINGS, THAT REINFORCEMENT. COMPLY WITH REQUIREMENTS AND WITH REFERENCED STANDARDS. PREFORMED UNITS: SIZES TO FIT APPLICATIONS INDICATED, SELECTED FROM MANUFACTURER'S OF THE BOARDS INSIDE THE STARTER TRACK AT THE BASE OF THE WALL LINTIL c. STO DRIP EDGE PROFILE - ONE COMPONENT PVC (POLYVINYL CHLORIDE) ACCESSORY 1. ALL TRIM AND PROJECTING ARCHITECTURAL FEATURES MUST HAVE A THEY CONTACT THE BOTTOM OF THE TRACK. APPLY LIGHT PRESSURE WHEN VITH INTEGRAL REINFORCING MESH THAT CREATES A DRIP EDGE AND PLASTER PLACING THE BOARDS. AFTER BOARDS HAVE BEEN IN PLACE FOR 5-10 MINUTES USE A STRAIGHT EDGE TO LIGHTLY PRESS THE BOARDS INWARD AND MINIMUM 1:2 [27°] SLOPE ALONG THEIR TOP SURFACE. ALL REVEALS MUST TANDARD THICKNESS, WIDTHS AND LENGTHS ARCHITECTURAL HAVE MINIMUM ½ INCH (19 MM) INSULATION THICKNESS AT THE BOTTOM OF THE REVEAL. ALL HORIZONTAL REVEALS MUST HAVE A MINIMUM 1:2 [27 \Box] B. EXTRUDED POLYSTYRENE BOARD INSULATION: RIGID, CELLULAR POLYSTYRENE O KEEP BOARD JOINTS FLUSH, AS POST EXPANSION OF THE ADHESIVE MAY THERMAL INSULATION WITH CLOSED-CELLS AND INTEGRAL HIGH DENSITY SKIN, FORMED SLOPE ALONG THEIR BOTTOM SURFACE. INCREASE SLOPE FOR NORTHERN FORCE BOARDS SLIGHTLY OUTWARD. BY THE EXPANSION OF POLYSTYRENE BASE RESIN IN AN EXTRUSION PROCESS TO **SPECIFICATIONS** CLIMATES TO PREVENT ACCUMULATION OF ICE/SNOW AND WATER ON A. STO GOLD COAT - MIX WITH A CLEAN, RUST-FREE HIGH SPEED MIXER TO A UNIFORM 4. BRIDGE SHEATHING JOINTS BY A MINIMUM OF 6 INCHES (152 MM). SURFACE. WHERE TRIM/FEATURE OR BOTTOM SURFACE OF REVEAL PROJECTS MORE THAN 2 INCHES (51 MM) FROM THE FACE OF THE EIFS WALL COMPLY WITH ASTM C 578 FOR TYPE INDICATED; WITH 5-YEAR AGED R-VALUES OF 5.4 INTERLOCK INSIDE AND OUTSIDE CORNERS. AND 5 AT 40 AND 75 DEG F (4.4 AND 23.9 DEG C), RESPECTIVELY; AND TYPE IV, 1.6-PCF B. STO BTS PLUS - MIX RATIO WITH WATER: 5-6.5 QUARTS (4.7-6.2 L) OF WATER PER 47 5. BUTT ALL BOARD JOINTS TIGHTLY TOGETHER TO ELIMINATE ANY THERMAL MIN. DENSITY, UNLESS OTHERWISE INDICATED. SURFACE BURNING CHARACTERISTICS: PLANE, PROTECT THE TOP SURFACE WITH WATERPROOF BASE COAT. OUND (21.3 KG) BAG OF STO BTS PLUS. POUR WATER INTO A CLEAN MIXING PA BREAKS. CARE MUST BE TAKEN TO PREVENT ANY ADHESIVE FROM MAXIMUM FLAME SPREAD AND SMOKE DEVELOPMENT VALUES OF 75 AND 450, PERIODIC INSPECTIONS AND INCREASED MAINTENANCE MAY BE REQUIRED ADD STO BTS PLUS. MIX TO A UNIFORM CONSISTENCY AND ALLOW TO SET FOR GETTING BETWEEN THE JOINTS OF THE BOARDS. RESPECTIVELY. FOR EXPOSED INSULATION FLAME SPREAD SHALL NOT EXCEED 25. TO MAINTAIN SURFACE INTEGRITY OF THE EIFS FINISH ON WEATHER APPROXIMATELY 5 MINUTES. ADJUST MIX IF NECESSARY WITH ADDITIONAL STO BTS PLUS OR WATER AND REMIX TO A UNIFORM TROWEL CONSISTENCY. AVOID 6. CUT INSULATION BOARD IN AN L-SHAPED PATTERN TO FIT AROUND EXPOSED SLOPED SURFACES. LIMIT PROJECTING FEATURES TO EASILY Checked C. BATT INSULATION: GLASS FIBER BLANKET TYPE INSULATION: TYPE III. DPENINGS. DO NOT ALIGN BOARD JOINTS WITH CORNERS OF OPENINGS. ACCESSIBLE AREAS AND LIMIT TOTAL AREA TO FACILITATE AND MINIMIZE RETEMPERING. KEEP MIX RATIO CONSISTENT. DO NOT EXCEED MAXIMUM WATER FOIL-SCRIM-KRAFT LAMINATE FACED, CLASS A, ASTM C665 AND FLAME SPREAD OF 25 OR 7. CHECK FOR SATISFACTORY CONTACT OF THE INSULATION BOARD WITH MAINTENANCE. REFER TO STO DETAILS. SH LESS AND SMOKE DEVELOPMENT OF 50 OR LESS. MANUFACTURER'S STAN AMOUNT IN MIX RATIO. THE SUBSTRATE. IF ANY BOARDS HAVE LOOSE AREAS USE THE SPRAY 2. DO NOT USE THE EIFS ON WEATHER EXPOSED PROJECTING LEDGES, SILLS, c. STOLIT LOTUSAN - MIX WITH A CLEAN, RUST-FREE HIGH SPEED MIXER TO A UNIFORM LENGTHS AND WIDTHS REQUIRED TO COORDINATE WITH SPACES INSULATED. FOAM ADHESIVE DISPENSING PISTOL TO CREATE A HOLE THROUGH TH OR OTHER PROJECTING FEATURES UNLESS SUPPORTED BY FRAMING OR CONSISTENCY. A SMALL AMOUNT OF WATER MAY BE ADDED TO ADJUST WORKABILITY LIMIT ADDITION OF WATER TO AMOUNT NEEDED TO ACHIEVE THE FINISH TEXTURE. BOARD AND INJECT ADHESIVE TO ATTACH THE LOOSE AREA. ALLOW THE D. MINERAL FIBER FIRESTOPPING INSULATION: UNITED STATES GYPSUM CO. OTHER STRUCTURAL SUPPORT AND PROTECTED WITH METAL COPING OR ADHESIVE TO EXPAND TO THE OUTER FACE OF THE BOARD WHILE "THERMAFIBER SAFING INSULATION" OR AN APPROVED EQUAL, TYPE 1 UNFACED. FLASHING, REFER TO STO DETAIL 10.61. D. MIX ONLY AS MUCH MATERIAL AS CAN READILY BE USED WITHDRAWING THE PISTOL. CUT EXCESS ADHESIVE FLUSH WITH THE MANUFACTURER'S STANDARD LENGTHS, WIDTHS AND THICKNESS. PROVIDE DO NOT USE ANTI-FREEZE COMPOUNDS OR OTHER ADDITIVES SURFACE OF THE INSULATION DO NOT USE NAILS SCREWS OR ANY MANUFACTURER'S STANDARD IMPALING STYLE GALVANIZED STEEL SAFING INSULATION OTHER TYPE OF NON-THERMAL MECHANICAL FASTENER. CLIPS AND BRACKETS. Project No. Drawing No MATERIALS SHALL BE RATED NON-COMBUSTIBLE AS DEFINED BY NFPA WHEN TESTED IN ACCORDANCE WITH ASTM E136. C22-129

Description

Description

9.14.2023

JUNE 2023

FLUID APPLIED MEMBRANE AIR BARRIER

PART 1 - GENERAL

1 SUMMARY

.2 DEFINITIONS

- SECTION INCLUDES MATERIALS AND INSTALLATION OF VAPOR PERMEABLE FLUID APPLIED AIR AND MOISTURE BARRIER MEMBRANE OVER VERTICAL ABOVE GRADE CONCRETE WALLS, CONCRETE MASONRY WALLS, AND WALL SHEATHING.
- RELATED SECTIONS INCLUDE THE FOLLOWING:
- A. AIR BARRIER MATERIAL: A PRIMARY ELEMENT THAT PROVIDES A CONTINUOUS BARRIER TO THE MOVEMENT OF AIR.
- B. AIR BARRIER ACCESSORY: A TRANSITIONAL COMPONENT OF THE AIR BARRIER AUXILIARY MATERIAL: A TRANSITIONAL COMPONENT
- HAT PROVIDES AIR BARRIER CONTINUITY FURNISHED BY A SOURCE OTHER THAN THE PRIMARY AIR BARRIER MANUFACTURER. AIR BARRIER ASSEMBLY: THE COLLECTION OF AIR BARRIER MATERIALS, ACCESSORY AND AUXILIARY MATERIALS APPLIED TO AN OPAQUE WALL, INCLUDING JOINTS AND JUNCTIONS TO ABUTTING CONSTRUCTION, TO CONTROL AIR MOVEMENT THROUGH

.3 PRE-INSTALLATION MEETINGS

A. PRE-INSTALLATION CONFERENCE

REVIEW AIR BARRIER INSTALLATION REQUIREMENTS AND NSTALLATION DETAILS, MOCK-UPS, TESTING REQUIREMENTS, PROTECTION, AND SEQUENCING OF WORK.

4 REFERENCES

A. BUILDING CODE AND MATERIAL EVALUATION SERVICE STANDARDS B. ASTM STANDARDS D 4541-09 TEST METHOD FOR PULL-OFF STRENGTH OF COATINGS USING PORTABLE ADHESION TESTERS

E 84-98 TEST METHOD FOR SURFACE BURNING

- HARACTERISTICS OF BUILDING MATERIAL E 96-00 TEST METHOD FOR WATER VAPOR TRANSMISSION OF E 779-10 STANDARD TEST METHOD FOR DETERMINING AIR LEAKAGE RATE BY FAN PRESSURIZATION E 783-02 STANDARD TEST METHOD FOR FIELD MEASUREMENT
- OF AIR LEAKAGE THROUGH INSTALLED EXTERIOR WINDOWS AND E 1186-03 (2009) STANDARD PRACTICES FOR AIR LEAKAGE SITE DETECTION IN BUILDING ENVELOPES AND AIR BARRIER
- 1E 1827-96 (2007) STANDARD TEST METHODS FOR DETERMINING AIR TIGHTNESS OF BUILDINGS USING AN ORIFICE BLOWER DOOR 1E 2178-03 TEST METHOD FOR AIR PERMEANCE OF BUILDING
- 15.E 2357-05 STANDARD TEST METHOD FOR DETERMINING AIR LEAKAGE OF AIR BARRIER AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
- HANDBOOK FUNDAMENTALS ASHRAE 90.1 2016, ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NFPA 285
- STANDARD FIRE TEST METHOD FOR EVALUATION OF FIRE PROPAGATION CHARACTERISTICS OF EXTERIOR NON-LOAD-BEARING WALL ASSEMBLIES CONTAINING COMBUSTIBLE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD
- RULE 1113 (2007) ARCHITECTURAL COATINGS

.5 COORDINATION/SCHEDULING

A. COORDINATE INSTALLATION OF FOUNDATION WATERPROOFING ROOFING MEMBRANE, WINDOWS, DOORS AND OTHER WALL

B. PROVIDE PROTECTION OF ROUGH OPENINGS BEFORE INSTALLING

/INDOWS, DOORS, AND OTHER PENETRATIONS THROUGH THI

- PROVIDE SILL FLASHING TO DIRECT WATER TO THE EXTERIOR
- BEFORE WINDOWS AND DOORS ARE INSTALLED
- D. INSTALL WINDOW AND DOOR HEAD FLASHING IMMEDIATELY AFTER /INDOWS AND DOORS ARE INSTALLED.
- E. INSTALL DIVERTER FLASHINGS WHEREVER WATER CAN ENTER THE ASSEMBLY TO DIRECT WATER TO THE EXTERIOR
- COPINGS AND SILLS TO PREVENT WATER ENTRY INTO THE WALL
- INSTALL CLADDING WITHIN 180 DAYS OF AIR AND MOISTURE BARRIER INSTALLATION.
- A. MANUFACTURER'S SPECIFICATIONS, DETAILS AND PRODUCT DATA. B. MANUFACTURER'S STANDARD WARRANTY
- MANUFACTURER'S ICC EVALUATION REPORT CONFIRMING COMPLIANCE WITH THE IBC, IRC, AND IECC AS AN AIR BARRIER AND WATER-RESISTIVE BARRIER.
- D. SAMPLES FOR APPROVAL AS DIRECTED BY ARCHITECT OR OWNER RANSITIONS, PENETRATIONS, CORNERS, TERMINATIONS, AND FIE-INS WITH ADJOINING CONSTRUCTION, AND INTERFACES WITH SEPARATE MATERIALS THAT FORM PART OF THE AIR BARRIER ASSEMBLY. 1.8 QUALITY ASSURANCE

A. MANUFACTURER REQUIREMENTS MANUFACTURER OF EXTERIOR WALL AIR AND MOISTURE

- RRIER MATERIALS FOR A MINIMUM OF 30 YEARS IN NORTH
- CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM. B. CONTRACTOR REQUIREMENTS CFM/FT2 (2 L/S·M2) KNOWLEDGEABLE IN THE PROPER USE AND HANDLING OF
- TO MATERIALS.

ISO 9001:2008 CERTIFIED QUALITY SYSTEM AND ISO 14001:2004

KNOWLEDGEABLE IN WATERPROOFING AND AIR BARRIER APPLICATION, AND FAMILIAR WITH THE REQUIREMENTS OF THE SPECIFIED WORK.

PROVIDE THE PROPER EQUIPMENT, MANPOWER AND

- SUPERVISION ON THE JOB-SITE TO INSTALL THE AIR BARRIER ASSEMBLY IN COMPLIANCE WITH THE PROJECT PLANS & SPECIFICATIONS, SHOP DRAWINGS, AND STO'S PUBLISHED SPECIFICATIONS AND DETAILS. VALID ICC ESR.
- C. REGULATORY COMPLIANCE
- PRIMARY AIR BARRIER AND JOINT TREATMENT REINFORCEMENT MATERIALS: LISTED BY IBC AND RECOGNIZED FOR USE ON AL
- b. COMPLY WITH VOC REQUIREMENTS OF SCAQMD RULE

TYPES OF CONSTRUCTION. REFER TO ICC ESR 1233 FOR

- COMPLY WITH AIR BARRIER MATERIAL REQUIREMENTS OF ASHRAE 90.1 - 2010, 2013 COMPLY WITH AIR BARRIER MATERIAL REQUIREMENTS
- e. COMPLY WITH 2012 AND 2015 IRC REQUIREMENT FOR A CONTINUOUS AIR BARRIEF COMPLY WITH AIR BARRIER MATERIAL REQUIREMENTS

BUILD STAND-ALONE SITE MOCK UP OR SAMPLE WALL AREA

ON AS-BUILT CONSTRUCTION TO INCORPORATE BACK-UP

D. MOCK-UPS

PRODUCT.

ALL CONSTRUCTION, TYPICAL DETAILS COVERING SUBSTRATE JOINTS, CRACKS, FLASHING TRANSITIONS ADJOINING CONSTRUCTION, AND INTERFACES WITH SEPARATE MATERIALS THAT FORM PART OF THE AIR BARRIEF ASSEMBLY .9 PRE-CONSTRUCTION TESTING

OF 2012 AND 2015 IBC AND IECC.

- A. CONDUCT TESTING BY QUALIFIED TEST AGENCY OR BUILDING **ENVELOPE CONSULTANT** CONDUCT ASSEMBLY AIR LEAKAGE TESTING IN ACCORDANCE
- WITH ASTM E 783. CONDUCT ADHESION TESTING TO SUBSTRATES IN CCORDANCE WITH ASTM D 4541.
- ACCORDANCE WITH SEALANT MANUFACTURER'S FIELD QUALITY CONTROL TEST PROCEDURE.

4. NOTIFY DESIGN PROFESSIONAL MINIMUM 7 DAYS PRIOR TO

.10 DELIVERY, STORAGE AND HANDLING A DELIVER ALL MATERIALS IN THEIR ORIGINAL SEALED CONTAINERS BEARING MANUFACTURER'S NAME AND IDENTIFICATION OF

- B. PROTECT COATINGS (PAIL PRODUCTS) FROM FREEZING TEMPERATURES AND TEMPERATURES IN EXCESS OF 90 DEGREES F 32 DEGREES C). STORE AWAY FROM DIRECT SUNLIGHT.
- PROTECT PORTLAND CEMENT BASED MATERIALS (BAG PRODUCTS)

FROM MOISTURE AND HUMIDITY. STORE UNDER COVER OFF THE

- GROUND IN A DRY LOCATION. D. PROTECT AND STORE ACCESSORY AND AUXILIARY PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 1.11 PROJECT/SITE CONDITIONS MAINTAIN AMBIENT AND SURFACE TEMPERATURES ABOVE 40 DEGREES F (4 DEGREES C) DURING APPLICATION AND DRYING ERIOD, MINIMUM 24 HOURS AFTER APPLICATION OF AIR AND
- MOISTURE BARRIER MATERIALS. B. PROVIDE SUPPLEMENTARY HEAT FOR INSTALLATION IN TEMPERATURES LESS THAN 40 DEGREES F (4 DEGREES C) OR IF SURFACE TEMPERATURE IS LIKELY TO FALL BELOW 40 DEGREES F
- PROVIDE PROTECTION OF SURROUNDING AREAS AND ADJACENT SURFACES FROM APPLICATION OF MATERIALS.

A. PROVIDE MANUFACTURER'S STANDARD WARRANTY.

PART 2 - PRODUCTS 2.1 MANUFACTURERS

1.12 WARRANTY

ADHERED FOR [RAIN SCREEN SYSTEMS] [SLOPED ROOFING TRIPLE LAYER SPUNBONDED POLYPROPYLENE WITH A NOMINAL THICKNESS OF 0.60MM (24 MILS) AND WATER VAPOUR RANSMISSION OF 1373 NG/PA.S.M2 (24 PERMS) AS PER ASTM E96 METHOD B. MEMBRANES MUST COMPLY WITH THE CAN/ULC S741-08 AND THE MEMBRANE SYSTEM MUST COMPLY WITH CAN/ULC S742-11 AND HAVE AN AIR LEAKAGE RATE CLASSIFICATION OF "A1" [AT A 1 IN 50 HOURLY WIND PRESSURE DIFFERENCE OF 650PA, 12 METRES ABOVE GRADE]. SRP IROUTSHIELD SA280 1 866 533 0233 WWW.SRPCANADA.CA

PRODUCTS: VAPOUR PERMEABLE AIR BARRIER MEMBRANE. SELF

B. COLOUR: BLACK

2.2 MATERIALS

- A PRIMARY AIR BARRIER MATERIAL STOGLIARD WITH STO EMERALDCOAT - READY-MIXED FLEXIBLE SPRAY OR ROLLER APPLIED AIR AND MOISTURE BARRIER MATERIAL.
- B. ACCESSORY MATERIALS
- SHEATHING JOINT TREATMENTS STO RAPIDGUARD™: ONE COMPONENT STPE RAPID DRYING GUN-APPLIED TREATMENT FOR SHEATHING JOINTS,
- 2. ROUGH OPENING TREATMENTS STO RAPIDGUARD™: ONE COMPONENT STPE RAPID DRYING GUN-APPLIED TREATMENT FOR SHEATHING JOINTS. ROUGH OPENINGS, SEAMS, CRACKS, PENETRATIONS AND

ROUGH OPENINGS, SEAMS, CRACKS, PENETRATIONS AND

OTHER TRANSITIONS IN ABOVE GRADE WALL CONSTRUCTION.

- OTHER TRANSITIONS IN ABOVE GRADE WALL CONSTRUCTION.
- TRANSITION DETAIL COMPONENTS STOGUARD TRANSITION MEMBRANE: FLEXIBLE AIR AND MOISTURE BARRIER MEMBRANE FOR CONTINUITY AT STATIC MATERIALS (CMU TO FRAME WALL), WALL TO BALCONY FLOOR FLASHING, ALSO USED FOR DYNAMIC JOINTS: FLOOR LINE DEFLECTION JOINTS, MASONRY CONTROL JOINTS, AND THROUGH WALL JOINTS IN MASONRY OR FRAME
- PRIMERS STOGUARD PRIMER: RUBBER RESIN EMULSION PRIMER

CONSTRUCTION

- FOR USE WITH STOGUARD TAPE TO ENHANCE ADHESION.
- WET SEALANT: DOW CORNING 758, 790, 791, AND 795

C. AUXILIARY MATERIALS

- 2. PRE-CURED SEALANT TAPE: DOW 123
- SPRAY ADHESIVE: 3M SUPER 77 SPRAY ADHESIVE SPRAY FOAM: DOW GREAT STUFF FOR GAPS AND CRACKS
- D. PATCH AND LEVELING MATERIAL FOR CONCRETE AND MASONR' STO LEVELER: POLYMER MODIFIED CEMENTITIOUS PATO AND LEVELING MATERIAL FOR PREPARED CONCRETE AND MASONRY SURFACES FOR LEVELING UP TO 1/4 INCH (6 MM).
- STO BTS-XTRA: POLYMER MODIFIED LIGHTWEIGH EMENTITIOUS PATCH AND LEVELING MATERIAL FOR PREPARED CONCRETE AND MASONRY SURFACES FOR LEVELING UP TO 1/8 INCH (3 MM).

2.3 PERFORMANCE REQUIREMENTS

- A. DURABILITY, RESISTANCE TO AGING, WATER AND WATER PENETRATION RESISTANCE, STRUCTURAL LOADING: JOINT REATMENT AND PRIMARY AIR BARRIER MATERIAL, COMPLY WITH ICC ES AC 212
- B. FLEXIBILITY: ASTM D 522, PRIMARY AIR BARRIER MATERIAL, NO CRACKING OR DELAMINATION BEFORE AND AFTER AGING USING 1/8
- INCH (3 MM) MANDREL AT 14° F (10° C) C. NAIL SEALABILITY: ASTM D 1970, 7.9.1, PRIMARY AIR BARRIER
- D. RESISTANCE TO MOLD: ASTM D 3273, NO MOLD GROWTH AFTER 28 DAY EXPOSURE ADHESION: JOINT TREATMENT AND PRIMARY AIR BARRIER MATERIAL, ASTM C 297 OR D 4541, > 30 PSI (207 KPA), OR EXCEEDS

STRENGTH OF GLASS MAT FACING ON GLASS MAT GYPSUM

450. CLASS A BUILDING MATERIAL

- F. SURFACE BURNING: ASTM E 84, JOINT TREATMENT AND PRIMARY R BARRIER MATERIAL FLAME SPREAD < 25, SMOKE DEVELOPED <
- WATER VAPOR PERMEANCE: ASTM E 96 METHOD B, > 10 PERMS (570 NG/PA·S·M2)
- H. FIELD ADHESION TESTING: ASTM D 4541, > 30 PSI (207 KPA) OR EXCEEDS STRENGTH OF GLASS MAT FACING ON GLASS MAT FIRE RESISTANCE: ASTM E 119, PERMITTED FOR USE IN EXTERIOR
- VALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION ASSEMBLIES REFER TO ICC-ESR 1233. J. BUILDING ENVELOPE AIR LEAKAGE: ASTM E 779 OR 1827, < 0.4
- K. MATERIAL AIR LEAKAGE: ASTM E 2178, PRIMARY AIR BARRIER AND JOINT TREATMENT < 0.004 CFM/FT2 AT 1.57 PSF (0.02 L/SM2 AT 75 PA)
- ASSEMBLY AIR LEAKAGE: ASTM E 2357, < 0.04 CFM/FT2 (0.2 L/S·M2)
- AIR LEAKAGE AFTER CONDITIONING PROTOCOL M. FIRE PROPAGATION: NFPA 285, MEETS REQUIREMENTS FOR USE ON
- ALL TYPES OF CONSTRUCTION. REFER TO ICC-ESR 1233. N. VOLATILE ORGANIC COMPOUNDS: SCAQMD RULE 1113, JOINT REATMENT AND PRIMARY AIR BARRIER MATERIAL < 100 G/L
- O. WATER-RESISTIVE BARRIER: ICC ES 212, JOINT TREATMENT AND PRIMARY AIR BARRIER MATERIAL COMPLY AND ARE LISTED IN A 2.4 DESIGN CRITERIA
- A. STRUCTURAL (WIND AND AXIAL LOADS)

THE WALL

- DESIGN FOR MAXIMUM ALLOWABLE DEFLECTION NORMAL TO THE PLANE OF THE WALL: L/240. WHERE CLADDING DICTATES STIFFER DEFLECTION CRITERIA USE CLADDING DESIGN CRITERIA FOR MAXIMUM ALLOWABLE DEFLECTION. 2. DESIGN FOR WIND LOAD IN CONFORMANCE WITH CODE
- B. MOISTURE CONTROL 1. PREVENT THE ACCUMULATION OF WATER IN THE WALI ASSEMBLY AND BEHIND THE EXTERIOR WALL CLADDING: STO
 - a. MINIMIZE CONDENSATION WITHIN THE ASSEMBLY DRAIN WATER DIRECTLY TO THE EXTERIOR WHERE IT IS LIKELY TO PENETRATE COMPONENTS IN THE WALL ASSEMBLY
 - (WINDOWS AND DOORS, FOR EXAMPLE). PROVIDE CORROSION RESISTANT FLASHING TO DIRECT WATER TO THE EXTERIOR IN ACCORDANCE WITH CODE REQUIREMENTS, INCLUDING: ABOVE WINDOW AND DOOR HEADS, BENEATH WINDOW AND DOOR SILLS, AT ROOF/WALL INTERSECTIONS, FLOOR LINES, DECKS, INTERSECTIONS OF OWER WALLS WITH HIGHER WALLS, AND AT THE BASE O
- C. AIR BARRIER CONTINUITY: PROVIDE CONTINUOUS AIR BARRIER ASSEMBLY OF COMPATIBLE AIR BARRIER COMPONENTS.
 - CONCRETE MASONRY UNITS: PROVIDE CMU SURFACES IN CONFORMANCE WITH THE APPLICABLE BUILDING CODE, AND SUCH THAT A VOID AND PINHOLE FREE AIR BARRIER IS ACHIEVED. PROVIDE NORMAL WEIGHT UNITS WITH FLUS JOINTS (STRUCK FLUSH WITH THE SURFACE) AND ALLOW FOR A MINIMUM OF 2 COATS OF THE PRIMARY AIR BARRIER MATERIAL APPLIED BY SPRAY OR ROLLER ALTERNATIVELY FOR "ROUGH" CMU WALL SURFACES ALLOW FOR A CEMENTITIOUS PARGE COAT TO FILL AND LEVEL IRREGULAR SURFACES, PRIOR TO 1 COAT OF THE PRIMARY AIR BARRIER
 - CONCRETE: PROVIDE CONCRETE IN CONFORMANCE WITH THE APPLICABLE BUILDING CODE.

3. SHEATHING: PROVIDE GYPSUM SHEATHING IN COMPLIANCE WITH ASTM C 1177, PROVIDE APA EXTERIOR OR EXPOSURE 1 WOOD-BASED SHEATHING, AND PROVIDE SHEATHING THA MEETS REQUIRED DESIGN WIND PRESSURES. MECHANICAL VENTILATION: MAINTAIN PRESSURIZATION AND INDOOR HUMIDITY LEVELS IN ACCORDANCE WITH RECOMMENDATIONS OF ASHRAE (SEE 2005 ASHRAE HANDBOOK--FUNDAMENTALS).

PART 3 EXECUTION 3.1 EXAMINATION

- A. INSPECT CONCRETE AND CONCRETE MASONRY SURFACES FOR CONTAMINATION - ALGAE, DIRT, DUST, EFFLORESCENCE FORM OIL, FUNGUS, GREASE, MILDEW OR OTHER FOREIGN
- 2. SURFACE DEFICIENCIES WEAK, FRIABLE, CHALKINESS,
- 3. CRACKS MEASURE CRACK WIDTH AND RECORD LOCATION
- DAMAGE OR DETERIORATION. 5. MOISTURE CONTENT AND MOISTURE DAMAGE - USE A
- MOISTURE METER TO DETERMINE IF THE SURFACE IS DRY ENOUGH TO RECEIVE THE WATERPROOF AIR BARRIER AN RECORD ANY AREAS OF MOISTURE DAMAGE OR EXCESS
- 6. FLUSH MASONRY MORTAR JOINTS COMPLETELY FILLED WITH
- . INSPECT SHEATHING APPLICATION FOR COMPLIANCE WITH APPLICABLE REQUIREMENT
- . EXTERIOR GRADE AND EXPOSURE I WOOD BASED SHEATHING: E30U-2007, ENGINEERED WOOD CONSTRUCTION GUIDE, AND THE REQUIREMENTS OF THE APPLICABLE
- 2. GLASS MAT FACED GYPSUM SHEATHING IN COMPLIANCE WITH ASTM C 1177: CONSULT MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND ICC ES REPORT. CONFORM WITH PROJECT REQUIREMENTS FOR WIND LOAD RESISTANCE
- CEMENTITIOUS SHEATHING CONSULT MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND ICC ES REPORT CONFORM WITH PROJECT REQUIREMENTS FOR WIND LOAD

REPORT DEVIATIONS FROM THE REQUIREMENTS OF PROJECT

SPECIFICATIONS OR OTHER CONDITIONS THAT MIGHT ADVERSELY AFFECT THE AIR AND MOISTURE BARRIER INSTALLATION. DO NOT START WORK UNTIL DEVIATIONS ARE CORRECTED. 3.2 SURFACE PREPARATION

AND SHELF ANGLES.

- A. CONCRETE MASONRY SURFACE MUST BE STRUCTURALLY SOUND AND FREE OF WEAK OR DAMAGED SURFACE CONDITIONS SUCH AS LAITANCE OR SPALLS. SURFACE MUST BE CLEAN, DRY FROST-FREE, AND FREE OF ANY BOND-INHIBITING MATERIALS SUCH AS DUST, DIRT, OIL, ALGAE, MILDEW, SALTS, EFFLORESCENCE, OR ANY OTHER SURFACE CONTAMINATION MORTAR JOINTS MUST BE STRUCK FLUSH WITH THE
- 2. REMOVE EXCESS MORTAR FROM MASONRY TIES, LINTELS
- REMOVE LOOSE OR DAMAGED MATERIAL BY WATER-BLASTING, SANDBLASTING OR MECHANICAL WIRE BRUSHING. REMOVE SURFACE CONTAMINATION SUCH AS DIRT OR EFFLORESCENCE BY CHEMICAL OR MECHANICAL MEANS. REPAIR SURFACE DEFECTS SUCH AS SPALLS, VOIDS AND HOLES WITH STO BTS XTRA (UP TO 1/8 INCH [3 MM] THICK) OR STO LEVELER (UP TO 1/4 INCH [6 MM] THICK).
- 4. REPAIR NON-STRUCTURAL CRACKS UP TO 1/8 INCH (3 MM) WIDE BY RAKING WITH A SHARP TOOL TO REMOVE LOOSE FRIABLE MATERIAL AND BLOW CLEAN WITH OIL-FREE COMPRESSED AIR. APPLY JOINT TREATMENT MATERIAL OVE CRACK FMBED REINFORCEMENT (WHERE APPLICABLE), AND SMOOTH JOINT TREATMENT MATERIAL WITH A TROWE DRYWALL OR PUTTY KNIFE TO COVER THE REINFORCEMENT
- B. CONCRETE SURFACE MUST BE STRUCTURALLY SOUND AND FREE OF WEAK OR DAMAGED SURFACE CONDITIONS SUCH AS LAITANCE, BUGHOLES, OR SPALLS, SURFACE MUST BE CLEAN DRY, FROST-FREE, AND FREE OF ANY BOND-INHIBITING MATERIALS SUCH AS DUST DIRT OIL FORM RELEASE ALGAE MILDEW, SALTS, EFFLORESCENCE, OR ANY OTHER SURFACE
 - 2. REMOVE PROJECTING FINS, RIDGES, FORM TIES, AND HIGH
 - SPOTS BY MECHANICAL MEANS. WATER-BLASTING, SANDBLASTING OR MECHANICAL WIRE BRUSHING. REMOVE FORM RELEASE BY CHEMICAL OR MECHANICAL MEANS, REPAIR SURFACE DEFECTS SUCH AS HONEYCOMBS, PITTING, SPALLS, VOIDS OR HOLES WITH STO BTS XTRA (UP TO 1/8 INCH [3 MM] THICK) OR STO LEVELER (UP
- TO 3/8 INCH [9 MM] THICK). A REPAIR NON-STRUCTURAL CRACKS LIP TO 1/8 INCH (3 MM) WIDE BY RAKING WITH A SHARP TOOL TO REMOVE LOOSE, FRIABLE MATERIAL AND BLOW CLEAN WITH OIL-FREE COMPRESSED AIR. APPLY JOINT TREATMENT MATERIAL OVER CRACK, EMBED REINFORCEMENT (WHERE APPLICABLE), AND SMOOTH JOINT TREATMENT MATERIAL WITH A TROWEL
- DRYWALL OR PUTTY KNIFE TO COVER THE REINFORCEMENT C. SHEATHING
- 1. REMOVE AND REPLACE DAMAGED SHEATHING. SPOT SURFACE DEFECTS SUCH AS OVER-DRIVEN FASTENERS KNOT HOLES, OR OTHER VOIDS IN SHEATHING WITH KNIFE
- GRADE JOINT TREATMENT MATERIAL. SPOT FASTENERS WITH KNIFE GRADE OR COATING JOINT TREATMENT MATERIAL.
- 3.3 INSTALLATION 3.3.1 AIR/MOISTURE BARRIER INSTALLATION OVER EXTERIOR OR EXPOSURE I WOOD-BASED SHEATHING (PLYWOOD AND OSB), GLASS MAT FACED GYPSUM THING IN COMPLIANCE WITH ASTM C 1177, CONCRETE, AND CONCRETE MASONRY (CMU) WALL CONSTRUCTION
 - FLASHINGS, LINTELS AND SHELF ANGLES, OPENINGS AND PENETRATIONS SUCH AS PIPES, VENTS, WINDOWS AND DOORS. MASONRY ANCHORS, RAFTERS OR BEAMS, JOINTS IN CONSTRUCTION, PROJECTIONS SUCH AS DECKS AND BALCONIES, B. TRANSITION DETAILING: DETAIL TRANSITION AREAS WITH STO

A. COORDINATE WORK WITH OTHER TRADES TO ENSURE AIR BARRIEF

CONTINUITY WITH CONNECTIONS AT FOUNDATION, FLOOR LINES,

- AIR BARRIER CONTINUITY FOR ILLUSTRATIONS OF INSTALLATION R TO STO GUIDE DETAILS AND STO RAPIDGUAR INSTALLATION GUIDE OR STOGUARD TRANSITION MEMBRANE INSTALLATION GUIDE (WWW.STOCORP.COM).
- C. ROUGH OPENING PROTECTION
- INSTALL ROUGH OPENING PROTECTION. REFER TO STO DETAILS AND APPLICABLE STO PRODUCT BULLETINS.
- INSTALL JOINT TREATMENT MATERIAL SHEATHING JOINTS REFER TO STO DETAILS AND APPLICABLE STO PRODUCT BULLETINS. E. AIR AND MOISTURE BARRIER COATING CONCRETE - INSTALL ONE COAT OF STO EMERALDCOAT BY
- 10 MILS TO THE PREPARED CONCRETE SUBSTRATE. DO NOT INSTALL OVER WORKING OR MOVING JOINT SEALANTS. CONCRETE MASONRY - INSTALL ONE LIBERAL COAT OF STO EMERALDCOAT BY SPRAY OR ROLLER IN A UNIFORM. CONTINUOUS FILM TO THE PREPARED CONCRETE MASONRY SUBSTRATE BACKROLL SPRAY APPLICATIONS ALLOW TO DRY. INSTALL A SECOND LIBERAL COAT IN A UNIFORM, CONTINUOUS FILM, AND BACKROLL SPRAY APPLICATIONS, TO ACHIEVE A VOID AND PINHOLE FREE SURFACE. DEPENDING ON THE CONDITION OF THE SURFACE A MINIMUM OF 10 WET MILS UP TO A MAXIMUM OF 30 WET MILS PER COAT IS REQUIRED. APPLY ADDITIONAL COATS IF NEEDED TO ACHIEVE A VOID AND PINHOLE FREE SURFACE, DO NOT INSTALL OVER

SPRAY OR ROLLER IN A UNIFORM, CONTINUOUS WET FILM OF

SHEATHING GLASS MAT FACED GYPSUM SHEATHING: INSTALL ONE COAT OF STO EMERALDCOAT BY SPRAY OR ROLLER IN A UNIFORM, CONTINUOUS FILM OF 10 WET MILS TO THE

WORKING OR MOVING JOINT SEALANTS.

- PREPARED GLASS MAT GYPSUM SUBSTRATE TO ACHIEVE A VOID AND PINHOLE FREE SURFACE. DO NOT INSTALL OVER WORKING OR MOVING JOINT SEALANTS. PLYWOOD SHEATHING: INSTALL ONE COAT OF STO EMERALDCOAT BY SPRAY OR ROLLER IN A UNIFORM, TINUOUS FILM OF 10 WET MILS TO THE PREPARED SUBSTRATE TO ACHIEVE A VOID AND PINHOLE FREE
- SURFACE. DO NOT INSTALL OVER WORKING OR MOVING JOINT OSB SHEATHING: INSTALL ONE COAT OF STO EMERALDCOAT BY SPRAY OR ROLLER IN A UNIFORM CONTINUOUS FILM OF 10 WET MILS TO THE PREPAR SUBSTRATE AND TO A VOID AND PINHOLE FREE SURFACE PECT SURFACE AND TOUCH-UP WITH A SECOND COAT AT RAISED WOOD STRANDS. DO NOT INSTALL OVER WORKING OR MOVING JOINT SEALANTS
- 3.4 FIELD QUALITY CONTROL
- A. OWNER'S QUALIFIED TESTING AGENCY OR BUILDING ENVELOPE CONSULTANT SHALL PERFORM INSPECTIONS AND TESTS. INSPECTIONS: AIR BARRIER MATERIALS ARE SUBJECT TO INSPECTION TO VERIFY COMPLIANCE WITH REQUIREMENTS
 - CONDITION OF SUBSTRATES AND SUBSTRATE PREPARATION 2. INSTALLATION OF PRIMARY AIR BARRIER MATERIAL, ACCESSORY MATERIALS, AND COMPATIBLE AUXILIARY MATERIALS OVER STRUCTURALLY SOUND SUBSTRATES AND CONTRACTOR'S SHOP DRAWINGS, PROJECT MOCK-UP, AND

- MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. AIR BARRIER CONTINUITY AND CONNECTIONS WITHOUT GAPS AND HOLES AT FOUNDATION, FLOOR LINES, FLASHINGS, LINTELS AND SHELF ANGLES, OPENINGS AND PENETRATIONS SUCH AS PIPES, VENTS, WINDOWS AND DOORS, MASONRY ANCHORS, RAFTERS OR BEAMS, JOINTS IN CONSTRUCTION PROJECTIONS SUCH AS DECKS AND BALCONIES, AND ROOF
 - TESTS: AIR BARRIER MATERIALS AND ASSEMBLY ARE SUBJECT TO
 - ESTS TO VERIFY COMPLIANCE WITH PERFORMANCE REQUIREMENTS:
 - 1. QUALITATIVE AIR LEAKAGE TEST: ASTM E 1186
 - 2. QUANTITATIVE AIR LEAKAGE TEST: ASTM E 779, E 783, AND E ADHESION TEST: ASTM D 4541
 - 4. QUALITATIVE ADHESION AND COMPATIBILITY TESTING: WET SEALANT MANUFACTURER'S FIELD QUALITY CONTROL
 - ADHESION TEST REPAIR NON-CONFORMING SUBSTRATES AND AIR BARRIER
 - MATERIAL INSTALLATION TO CONFORM WITH PROJECT E. TAKE CORRECTIVE ACTION TO REPAIR AND REPLACE, REINSTALL SEAL OPENINGS, GAPS, OR OTHER SOURCES OF AIR LEAKAGE TO CONFORM WITH PROJECT PERFORMANCE REQUIREMENTS.
 - 3.5 PROTECTION AND CLEANING A. PROTECT AIR BARRIER MATERIALS FROM DAMAGE DURING
 - ONSTRUCTION CAUSED BY WIND, RAIN, FREEZING, CONTINUOUS HIGH HUMIDITY, OR PROLONGED EXPOSURE TO SUN LIGHT. B PROTECT AIR BARRIER MATERIALS FROM DAMAGE FROM TRADES
 - C. REPAIR DAMAGED MATERIALS TO MEET PROJECT SPECIFICATION D. CLEAN SPILLS, STAINS, SOILING FROM FINISHES OR OTHER INSTRUCTION MATERIALS THAT WILL BE EXPOSED IN THE COMPLETED WORK WITH COMPATIBLE CLEANERS.

VANDALS, AND WATER INFILTRATION DURING CONSTRUCTION.

E. REMOVE ALL MASKING MATERIALS AFTER WORK IS COMPLETED. ATTENTION

EXTRUDED ALUMINUM SIDING

PART 1 GENERAL 1.1 PERFORMANCE REQUIREMENTS

END OF SECTION 07 27 26

- COMPONENTS: DESIGN AND SIZE COMPONENTS TO WITHSTAND DEAD AND LIVE LOADS CAUSED BY POSITIVE AND NEGATIVE WINI PRESSURE ACTING NORMAL TO PLANE OF WALLS AS CALCULATED N ACCORDANCE WITH APPLICABLE CODE.
- B. MOVEMENT: ACCOMMODATE MOVEMENT WITHIN SYSTEM WITHOUT MAGE TO COMPONENTS OR MOVEMENT WITHIN SYSTEM: MOVEMENT BETWEEN SYSTEM AND PERIMETER COMPONENTS WHEN SUBJECT TO SEASONAL TEMPERATURE CYCLING: I LOADING AND RELEASE OF LOADS: DEFLECTION OF STRUCTURAL
- DRAINAGE: PROVIDE POSITIVE DRAINAGE TO EXTERIOR FOR MOISTURE ENTERING OR CONDENSATION OCCURRING WITHIN PANEL SYSTEM.

A. PRODUCT DATA: MANUFACTURER'S DATA SHEETS ON EACH PRODUCT TO BE USED. INCLUDING: 1. PREPARATION INSTRUCTIONS AND RECOMMENDATIONS.

2. STORAGE AND HANDLING REQUIREMENTS AND

INSTALLATION METHODS B. SHOP DRAWINGS: INDICATE DIMENSIONS. LAYOUT JOINTS EXPANSION JOINTS, CONSTRUCTION DETAILS, METHODS OF

ANCHORAGE, AND INTERFACE WITH ADJACENT MATERIALS.

- SELECTION SAMPLES: FOR EACH FINISH PRODUCT SPECIFIED, TWO COMPLETE SETS OF COLOR CHIPS REPRESENTING THE MANUFACTURER'S FULL RANGE OF AVAILABLE COLORS AND VERIFICATION SAMPLES: FOR EACH FINISH PRODUCT SPECIFIED
- TWO SAMPLES, MINIMUM SIZE 2 INCHES (51MM) BY 3-1/2 INCHES ACTUAL PRODUCT, COLOR AND (89MM), REPRESENTING MANUFACTURER'S CERTIFICATES: CERTIFY PRODUCTS MEET OR

CLOSEOUT SUBMITTALS: PROVIDE MANUFACTURER'S

EXCEED SPECIFIED REQUIREMENTS.

OR PERIODIC CLEANING AND MAINTENANCE OF COMPONENTS

1.2 QUALITY ASSURANCE A. MANUFACTURER'S QUALIFICATIONS: MINIMUM TEN YEARS' EXPERIENCE PRODUCING ALUMINUM FINISHES OF THE TYPES

MAINTENANCE INSTRUCTIONS THAT INCLUDE RECOMMENDATION:

- SPECIFIED IN AAMA 2604 AND 2605 CERTIFIED. B. INSTALLER: COMPANY SPECIALIZING IN PERFORMING WORK OF THIS SECTION WITH MINIMUM THREE YEARS DOCUMENTED
- C. MOCK-UP: PROVIDE A MOCK-UP FOR EVALUATION OF SURFACE PREPARATION TECHNIQUES AND APPLICATION WORKMANSHIP
- FINISH AREAS DESIGNED BY ARCHITECT. 2. DO NOT PROCEED WITH REMAINING WORK UNTIL WORKMANSHIP, COLOR, AND GLOSS ARE APPROVED BY
- 3. REFINISH MOCK-UP AREA AS REQUIRED TO PRODUCE ACCEPTABLE WORK 1.3 DELIVERY, STORAGE, AND HANDLING

PACKAGE AND STORE PRODUCTS UNDER COVER IN

MANUFACTURER'S UNOPENED PACKAGING UNTIL READY FOR **TRANSPORT AND INSTALLATION** B. PROTECT PANELS FROM ACCELERATED WEATHERING BY REMOVING OR VENTING SHEET PLASTIC SHIPPING WRA STORE PREFINISHED MATERIAL OFF GROUND PROTECTED FROM

WEATHER TO PREVENT TWISTING, BENDING, OR ABRASION, AND

PROVIDE VENTILATION. SLOP METAL SHEETS TO ENSURE

D. PREVENT CONTACT WITH MATERIALS CAPABLE OF CAUSING DISCOLORATION OR STAINING.

1.5 COORDINATION

PART 2 PRODUCTS

WWW.KNOTWOOD.COM:

- 1.4 PROJECT CONDITIONS MAINTAIN ENVIRONMENTAL CONDITIONS (TEMPERATURE, HUMIDITY AND VENTILATION) WITHIN LIMITS RECOMMENDED BY MANUFACTURER FOR OPTIMUM RESULTS. DO NOT FABRICATE PRODUCTS UNDER ENVIRONMENTAL CONDITIONS OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS.
- A. COORDINATE WORK WITH INSTALLATION OF WINDOWS, LOUVERS,
- KNOTWOOD'S LIMITED LIFETIME WARRANTY AGAINST CRACKING PEELING AND GLOSS/COLOR RETENTION WITHIN THE GUIDELINES
- STATED BY THE AMERICAN ALUMINUM MANUFACTURERS STANDARD COLORS DULUX DURATEC - AAMA 2604 (5 YEAR FLORIDA) 15 YEAR MANUFACTURER'S WARRANT
- b. DULUX FLUOROSET AAMA 2605 (10 YEAR FLORIDA) 20 YEAR MANUFACTURER'S WARRANTY WOOD GRAINS AMMA 2064 (5 YEAR FLORIDA) 15 YEAR
- 2.1 MANUFACTURERS A. ACCEPTABLE MANUFACTURER: KNOTWOOD LLC., WHICH IS LOCATED AT: 10914 NE 39TH/ STREET SUITE B-3 VANCOUVER, WA 98682: INFO AT SALES@KNOTWOOD.COM WEB

MANUFACTURER'S WARRANTY.

B. SUBSTITUTIONS: C REQUESTS FOR SUBSTITUTIONS WILL BE CONSIDERED IN ACCORDANCE WITH PROVISIONS OF SECTION 01600.

B. EXTRUDED ALUMINUM VENTED SOFFIT: KNOTWOOD WOOD GRAIN

INISH IS EXTRUDED ALUMINUM.

ALUMINUM VENTED SOFFITS WITH ALLUMINATE BONDED FILM

- A. EXTRUDED ALUMINUM SIDING AND SOFFITS: KNOTWOOD WOOD GRAIN ALUMINUM SIDING AND SOFFITS WITH ALLUMINATE BONDED FILM FINISH IS EXTRUDED ALUMINUM.
- C. EXTRUDED ALUMINUM ACCESSORIES AND TRIM: KNOTWOOD WOOD BONDED FILM FINISH IS EXTRUDED ALUMINUM. D. EXTRUDED ALUMINUM SHUTTER BLADE, SLAT, SMALL INFILL, AND FIXED LOUVER SECTIONS: KNOTWOOD WOOD GRAIN ALUMINUM TRIM AND ACCESSORIES WITH ALLUMINATE BONDED FILM FINISH I EXTRUDED ALUMINUM.

- 2.3 FINISHES PRETREATMENT: E-CLPS CHROME FREE FIVE STAGER ALUMINUM PRETREATMENT SYSTEM. COMPLIES WITH, AAMA 2604, AND AAMA
 - 2605 SUPERIOR PERFORMANCE STANDARD AND MEETS EPA. OSHA. STATE AND LOCAL ENVIRONMENTAL REQUIREMENTS AN CONTAINS NO CHROMATES CYANIDES OR OTHER HEAVY METALS. VASTE TREATMENT IS USUALLY A SIMPLE PH NEUTRALIZATION AND DISPOSAL TO THE SANITARY SEWER
- DULUX GROUP MANNEX BASE COAT AND DURATEC SERIES ELECTROSTATIC APPLIED ARCHITECTURAL POWDER COATINGS
- ARE APPROVED TO AAMA 2604 PERFORMANCE STANDARD. 1. GLOSS LEVEL: STANDARD GLOSS IS 30 PERCENT, PLUS OR
- SUPER DURABLE POWDER COATINGS: ALLUMINATE PREMIUM VOOD FINISHES USE A POLYURETHANE POWDER COAT WITH INI BASED WOOD GRAIN PATTERNS SUBLIMATED INTO THE BASE WDER EFFECTIVELY TATTOOING THE POWDER. THE COMBINE EFFECT CREATES ALL THE AESTHETIC ASPECTS OF REAL WOOD WHILE OFFERING THE SAME ENVIRONMENTAL ADVANTAGES OF POWDER COATED FINISHES.
- 1. WOOD GRAINED CUSTOM FINISH AS APPROVED BY CLIENT 2.4 FABRICATION
- PREPARE SURFACES, PRE-TREAT AND COAT COMPONENTS IN ACCORDANCE WITH AAMA 2604 AND 2605 QUALITY STANDARDS AND APPLICABLE EUROPEAN STANDARDS FOR THE COATING MATERIAL

WRAP AND PACKAGE COATED COMPONENTS USING METHODS

SUITABLE FOR TRANSIT AND COVERED SITE STORAGE WITHOUT

PART 3 EXECUTION

- 3.1 EXAMINATION
- A. DO NOT BEGIN INSTALLATION UNTIL COLORS HAVE BEEN VERIFIED.
- VERIFY FRAMING MEMBERS ARE READY TO RECEIVE PANEL
- IF PREPARATION IS THE RESPONSIBILITY OF ANOTHER INSTALLER NOTIFY ARCHITECT OF UNSATISFACTORY PREPARATION BEFORE

3.2 PREPARATION

- A. CLEAN SURFACES THOROUGHLY PRIOR TO INSTALLATION.
- PREPARE SURFACES USING METHODS RECOMMENDED BY THE MANUFACTURER.

BARRIER PROTECTION: DO NOT INSTALL OVER CEMENTITIOUS

MATERIALS, DISSIMILAR METALS OR PRESSURE TREATED MATERIAL

- INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION
- REFLECTIVE INDEX (SRI) VALUES FOR LOW SLOPED ROOF (< 2:12) TO BE: WITHOUT ADEQUATE BARRIER PROTECTION. INITIAL SRI VALUE: 82; 3 YEAR AGED SRI VALUE: 64. INSTALL BUILDING PAPER HORIZONTALLY ON WALLS TO RECEIVE METAL SIDING
- WEATHER LAP EDGES 6 INCHES (150MM) AND ENDS MINIMUM 6 INCHES (150MM). STAGGER VERTICAL JOINTS F EACH LAYER SECURELY STAPLE, NAIL IN PLACE.
- LOCATE JOINTS OVER SUPPORTS. INSTALL EXPANSION CONTROL JOINTS WHERE NEEDED. GC TO COORDINATE LOCATIONS OF EXPANSION/ SPLICE JOINTS WITH CONSTRUCTION PROJECT MANAGER.

 ${\tt FASTEN} \ {\tt SIDING} \ {\tt TO} \ {\tt STRUCTURAL} \ {\tt SUPPORTS}; \ {\tt ALIGNED}, \ {\tt LEVEL}, \ {\tt AND} \ {\tt PLUMB}.$

- USE CONCEALED FASTENERS UNLESS OTHERWISE APPROVED BY INSTALL SOFFITS, AND ACCESSORIES IN ACCORDANCE WITH BEST PRACTICE, WITH ALL JOINT MEMBERS PLUMB AND TRUE.
- 3.4 FIELD QUALITY CONTROL AFTER INSTALLATION OF SOFFITS, CHECK ENTIRE SURFACE FOR OBVIOUS REPLACE AND REPAIR ANY PROBLEM AREAS, PAYING CLOSE ATTENTION TO

AFTER APPLICATION OF SOFFITS, CLEAN AS NECESSARY TO REMOVE ALL

THE SUBSTRATE FOR CAUSES OF THE PROBLEM.

UPON COMPLETION OF SOFFIT APPLICATION, CLEAN ENTIRE AREA, REMOVING ALL SCRAP, PACKAGING AND UNUSED MATERIALS RELATED TO THIS WORK 3.6 PROTECTION

TOUCH-UP, REPAIR OR REPLACE DAMAGED PRODUCTS BEFORE SUBSTANTIAL

- END OF SECTION 07 46 16. MEMBRANE ROOFING SECTION 07 50 00
- 1.0 GENERA 1.1 REFERENCE .1 COMPLY WITH GENERAL CONDITIONS OF THE CONTRACT AND WITH

PROTECT INSTALLED PRODUCTS UNTIL COMPLETION OF PROJECT

- SECTION 010100 GENERAL REQUIREMENTS. .2 COMPLY WITH THE GENERAL REQUIREMENTS OF THE NBC. PROVINCIAL BUILDING CODE LATEST EDITION, LOCAL CODES, AND SAFETY ACTS. .3 RELATED WORK SPECIFIED ELSEWHERE: .1 SUPPLY OF ROOF HOPPERS, ROOF DRAINS, PLUMBING, AND
- .2 SHEET METAL FLASHING MATERIALS SECTION 076000. .4 REFERENCE STANDARDS .1 ALL ROOFING TO BE COMPLETE IN ACCORDANCE WITH THE NATIONAL
- ROOFING CONTRACTORS ASSOCIATION ROOFING MANUAL 1.2 SCOPE OF WORK INCLUDES SUBSTRATE PREPARATION.

ONNECTIONS TO R.W.L. - SECTION 220000

- .2 WOOD BLOCKING. .3 ROOFING ACCESSORY INSTALLATION .4 VAPOUR RETARDER INSTALLATION. .5 INSULATION INSTALLATION.
- .6 MEMBRANE INSTALLATION. .7 MEMBRANE FLASHING. .8 METAL FLASHING. .9 ROOF HATCH. 1.3 DESCRIPTION:

.1 FURNISH AND INSTALL A FIRESTONE MECHANICALLY FASTENED ULTRAPLY

TPO ROOFING SYSTEM AND RELATED ROOFING ACCESSORIES IN STRICT

ACCORDANCE WITH SPECIFICATIONS AND DETAILS APPROVED BY

MECHANICALLY FASTENED ROOF SYSTEM, UNLESS SPECIFICALLY

2 GENERAL CONTRACTOR SHALL RESTRICT ACCESS TO THE ROOF BY ALL

APPROVED IN WRITING BY MANUFACTURER.

COMPETENT SUPERVISION

FIRESTONE. INSULATION IS TO BE MECHANICALLY FASTENED OVER A

VAPOUR RETARDER TO THE ROOF DECK ACCORDING TO MANUFACTURES REQUIREMENTS. TPO MEMBRANE SHEETS ARE TO BE MECHANICALLY FASTENED TO THE ROOF DECK WITH MANUFACTURER MEMBRANE FASTENERS AND HEAT WELDED TOGETHER. 1.4 QUALITY ASSURANCE THE ROOF AND PROPOSED ROOF CONSTRUCTION IS TO MEET ALL THE

"ROOF DESIGN CONSIDERATIONS" REQUIREMENTS DETAILED IN MEMBRANE

OTHER TRADES DURING AND AFTER THE ROOFING SYSTEM CONSTRUCTION GENERAL CONTRACTOR SHALL ENSURE THAT OTHER TRADE PERSONNEL PERMITTED ACCESS TO THE ROOF TAKE PROPER CARE TO PREVENT DAMAGE TO WORK DONE UNDER THIS SECTION. .3 ROOFING CONTRACTOR SHALL BE AN APPROVED APPLICATOR OF FIRESTONE ROOFING SYSTEMS AS DETERMINED BY FIRESTONE BUILDING

.4 WORKMEN SHALL BE TRAINED AND EXPERIENCED IN THE INSTALLATION OF

1.5 SUBMITTALS: .1 SHOP DRAWINGS ARE TO BE PREPARED DETAILING ROOF SIZE, MEMBRANE SHEET PLACEMENT, QUANTITY, TYPE AND SPACING OF MEMBRANE FASTENERS, LOCATION AND TYPE OF PENETRATIONS AND TYPE OF VAPOUR

RETARDER, INSULATION AND INSULATION FASTENER TO BE USED.

2 SUBMIT SHOP DRAWINGS AND ANY PROPOSED NON-STANDARD DETAILS

TO FIRESTONE A MINIMUM OF TWO WEEKS PRIOR TO JOB START FOR

SUBMIT SHOP DRAWINGS, CURRENT MANUFACTURER INSTALLATION

INSTRUCTIONS AND DETAIL DRAWINGS BEING USED ON THIS PROJECT TO

THIS TYPE OF ROOFING SYSTEM AND SHALL BE UNDER FULL TIME

1.6 DELIVERY, STORAGE & HANDLING DELIVER ALL ROOFING MATERIALS IN ORIGINAL LINOPENED CONTAINERS. COMPLETE WITH LABELS INDICATING BRAND NAME, CONTENTS, USAGE INSTRUCTIONS AND SAFETY PRECAUTIONS. MEMBRANE ROLLS ARE TO BE LEFT IN THEIR UNOPENED PACKAGING UNTIL IMMEDIATELY PRIOR TO USE 2 PROTECT MEMBRANES FROM CUTS. ABRASION OR OTHER ABUSE THAT

- .3 WHIMS SAFETY BULLETINS ON ALL HAZARDOUS PRODUCTS ARE TO BE READILY AVAILABLE TO THE WORK CREW AT ALL TIMES. 4 ADHESIVES, SEALANTS AND FLASHING ACCESSORIES ARE TO BE STORED IN A CLEAN, DRY AREA AT A TEMPERATURE BETWEEN 5°C AND 27°C. IF EXPOSED TO A LOWER TEMPERATURE, RESTORE TO AN ACCEPTABLE LEVEL
- .5 DO NOT WORK DURING PERIODS OF RAIN, FOG, SLEET, SNOW OR COLD TEMPERATURES (BELOW - 15°C). 6 ENSURE INSULATION AND MEMBRANE FASTENERS WILL NOT DAMAGE OR
- PENETRATE UNDER DECK WIRES, CONDUITS, PIPES ETC
- .1 CONTRACTOR SHALL ENTER PRE-INSTALLATION NOTICE WITH FIRESTONE IN WRITING A MINIMUM OF TWO WEEKS PRIOR TO JOB START THAT A
- WARRANTY HAS BEEN REQUESTED FOR THIS PROJECT AND THE PROBABLE START DATE OF ROOFING WORK. .2 ROOFING SYSTEM SUPPLIER SHALL PROVIDE A WRITTEN WATERTIGHT
- WARRANTY ON SUPPLIER'S STANDARD FORM FOR A PERIOD OF 20 YEARS FROM THE DATE OF ROOFING SYSTEM COMPLETION. 3 ROOFING CONTRACTOR SHALL PROVIDE A WRITTEN WARRANTY AGAINS LEAKS OR WORKMANSHIP DEFECTS FOR A PERIOD OF 5 YEARS FROM THE DATE OF ROOFING SYSTEM COMPLETION.
- 2.0 PRODUCTS

APPLICATION.

2.1 SUBSTITUTIONS PRODUCT SUBSTITUTIONS MUST BE APPROVED IN ADVANCE BY BOTH THI SPECIFIER AND THE ROOFING SYSTEM SUPPLIER TO VERIFY COMPATIBILIT AND ACCEPTABILITY. THE MANUFACTURER OF THE SUBSTITUTE PRODUCT MUST SPECIFICALLY RECOMMEND THEIR PRODUCT FOR THIS TYPE OF

CGSB 51-34-M86 AND WITH A MOISTURE VAPOUR TRANSMISSION RATE LESS

- 2.2 VAPOUR RETARDER 1 MINIMUM 10 MIL THICK POLYETHYLENE VAPOUR RETARDER MEETING
- THAN 2.4 NG/PAS M2 (0.04 PERMS) WHEN TESTED IN ACCORDANCE WITH ASTM E-96. PROCEDURE B. 2.3 INSULATION FASTENERS:

(0.5"); WOOD PLANK A MINIMUM OF 38 MM (1.5")

COMPLETE WITH METAL STRESS PLATE.

SCREWS ARE TO BE FACTORY MUTUAL LISTED AND APPROVED #1: DIAMETER WITH ROUND OR FLAT HEAD, CORROSION TREATED TO VITHSTAND 30 CYCLES OF THE KESTERNICH TEST WITH ONLY A MINIMUM AMOUNT OF RED RUST SHOWING. FASTENER MUST BE OF SUFFICIENT LENGTH TO PENETRATE PLATE, INSULATION, VAPOUR RETARDER, EXISTIN ROOF AND STRUCTURAL ISTEEL OR PLYWOOD DECK A MINIMUM OF 13 MM

PRE-ASSEMBLED INSULATION FASTENERS TREATED WITH CX-5 COATING,

1 STRUCTURAL STEEL OR WOOD DECKS: INSULATION SECUREMENT

ACCEPTABLE PRODUCT FOR WOOD OR METAL DECKS:FIRESTON

- A. INSULATION
 - SYSTEM AS FOLLOWS a. MINIMUM R-VALUE: 27.7. 2. INSTALL USING A MINIMUM OF TWO LAYERS. CONFIGURATION AS INDICATED ON THE DRAWINGS

PROVIDE OVERALL THERMAL RESISTANCE FOR ROOFING

2.5 ROOFING MEMBRANE SYSTEM: MEMBRANE: WHITE, 1.5 MM THICK POLYESTER SCRIM REINFORCED ULTRAPLY TPO MEMBRANE MEETING THE PHYSICAL CHARACTERISTICS SPECIFIED IN MANUFACTURERS "MECHANICALLY FASTENED FIRESTONE ULTRAPLY TPO ROOF SYSTEM SPECIFICATIONS. MINIMUM SOLAR

.4 CORNER & PROTRUSION FLASHING: ULTRAPLY TPO NON-REINFORCED

VAPOUR RETARDER, EXISTING ROOF AND STRUCTURAL ISTEEL OR

.11 TERMINATION SEALER TAPE: ULTRAPLY TERMINATION SEALER TAPE.

- 2 PERIMETER SHEETS: ULTRAPLY TPO MEMBRANE SHEETS AS DESCRIBED IN 2.2.1, WIDTH LIMITED AS REQUIRED BY MANUFACTURER. .3 PARAPET / WALL FLASHING: ULTRAPLY TPO MEMBRANE AS DESCRIBED IN 2.2.1, CUT TO APPROPRIATE WIDTHS AND LENGTHS.
- .5 MEMBRANE CLEANER: ULTRAPLY TPO SEAM CLEANER. .6 CUT MEMBRANE EDGE SEALANT: ULTRAPLY TPO CUT EDGE SEALANT.PACKAG MEMBRANE FASTENERS: STEEL OR WOOD DECKS:MEMBRANE FASTENERS (PRE-ASSEMBLED OR LOOSE), TREATED WITH CX-5 COATING AND COMPLETE WITH 60 MM (2-3/8") DIAMETER BARBED LAP PLATE. FASTENER MUST BE OF SUFFICIENT LENGTH TO PENETRATE PLATE, MEMBRANE, INSULATION,

PLYWOOD DECK A MINIMUM OF 13 MM (0.5"); WOOD PLANK A MINIMUM OF 38

- .8 BONDING ADHESIVES: ULTRAPLY TPO BONDING ADHESIVE. .9 WATER CUT-OFF MASTIC: ULTRAPLY TPO GENERAL PURPOSE SEALANT. .10 POURABLE SEALER: ULTRAPLY TPO GENERAL PURPOSE SEALANT.
- SPLIT PIPE BOOTS. .14 IRREGULAR ROOF PROTRUSIONS: ULTRAPLY TPO GENERAL PURPOSE SEALANT. .15 TRAFFIC PADS: ULTRAPLY TPO PREMIUM WALKWAY PADS OR X-TREDS

1 WOOD NAILERS SHALL BE NEW. #2 WOOD OR BETTER WOOD, FACTORY

IS NOT ACCEPTABLE. NAILERS ARE REQUIRED AT ALL ROOF EDGES OR

THE TOP OF THE MEMBRANE UNDERLAYMENT, ± 5 MM (1/4")

GRAVEL STOPS AND SHALL BE INSTALLED SO THAT THE TOP IS FLUSH WIT

HVAC & ELECTRICAL FLASHINGS: TO BE FABRICATED FROM SEAMLESS

SPUN ALUMINIUM. COMPLETE WITH PRIMER COATED FLANGES. USE

REATED FOR ROT RESISTANCE. CREOSOTE OR ASPHALT TREATED WOOD

.13 PIPE / CONDUIT FLASHINGS: ULTRAPLY TPO PRE-FORMED PIPE BOOTS OR

.1 REFER TO SECTION 076000 - SHEET METAL FLASHING.

2.6 WOOD NAILERS

2.8 FLASHING ACCESSORIES

.12 TERMINATION BAR: FIRESTONE TERMINATION BAR

APPROPRIATE FLASHING FOR EACH APPLICATION. 2.9 ROOF DRAINS: .1 TO SUIT ROOFING. REFER TO MECHANICAL. 2.10 ROOF HATCH: 762 X 914MM BILCO TYPE S ROOF HATCH, 14 GA, PRIMER COATED GALVANIZED STEEL COMPLETE WITH 75MM BEADED FLANGE, NEATL' WELDED. INSULATION TO BE 25MM GLASS FIBRE FULLY COVERED BY PRIMER COATED METAL LINER - 22 GA. THICKNESS. PROVIDE 300MM HIGH 14 GA. PRIMER COATED GALVANIZED STEEL CURB COMPLETE WITH INTEGRAL CAP FLASHING. HATCH SHALL BE COMPLETELY ASSEMBLED WITH HEAVY

DUTY PINTLE HINGES, TORSION BAR OPERATED DOORS, NEOPRENE DRAF

SEAL, LATCHING MECHANISM, PADLOCK HASP AND AN AUTOMATIC

HOLD-OPEN HANDLE WITH RUBBER GRIP, ALL HARDWARE SHALL BE

CADMIUM PLATED. SAFETY BAR: 35 MM DIAMETER SAFETY BAR COATED

WITH 20 MIL PVC, COLOR COATED ROOF SAFETY GREEN, SAFETY BAR SHALL

BE MOUNTED ON THE RIGHT CORNER OF HATCH CURB WITHOUT IMPEDING

DOOR OPERATION. 2.11 KITCHEN EXHAUST VENTS .1 REFER TO MECHANICAL

3.0 EXECUTION

3.2 INSPECTION

3.1 INSTALLATION:

- 2.12 SUPPORTS: .1 REFER TO MECHANICAL FOR PIPING, DUCTING, ETC. SUPPORTS .2 REFER TO ROOF DETAILS ON DRAWINGS FOR SLEEPER DETAILS.
- 1 ONLY INSTALL AS MUCH VAPOUR RETARDER AND INSULATION AS CAN BE COMPLETELY AND PROPERLY COVERED BY THE WATERPROOFING MEMBRANE BY THE END OF EACH WORK PERIOD. .2 COMPLY WITH CURRENT FIRESTONE PUBLISHED INSTALLATION INSTRUCTIONS AND DETAILS THROUGHOUT THE ROOFING MEMBRANE INSTALLATION.

.3 THERE SHALL BE NO SMOKING BY ANY PERSONNEL WHILE ON THE ROOF.

SUCH AS CIGARETTE BUTTS OR SPARKS FROM NEARBY WELDING.

PROTECT THE ROOF MEMBRANE AT ALL TIMES FROM HIGH HEAT SOURCES

EXAMINE ROOF DECK TO VERIFY PROPER PLACEMENT OF ALL ROOF OPENINGS, PIPES, CURBS, SLEEVES, DUCTS, VENTS AND DRAINS, ENSURE DECK IS CLEAN, DRY AND FREE FROM DEBRIS THAT MIGHT BE DETRIMENTAL THE PERFORMANCE OF THE VAPOUR RETARDER, INSULATION OR 3.3 VAPOUR RETARDER & NAILER INSTALLATION:

.1 INSTALL VAPOUR RETARDER MEMBRANE ACCORDING TO THE VAPOUR

RETARDER MEMBRANE IS COMPLETELY SEALED TO ALL ROOF

.2 FASTEN NAILERS WHERE SHOWN ON THE SHOP DRAWINGS. WOOD

PROTRUSIONS AND AROUND THE PERIMETER.

RETARDER SUPPLIER'S INSTALLATION INSTRUCTIONS. ENSURE VAPOUR

NAILERS SHALL BE FASTENED TO RESIST A MINIMUM FORCE OF 300 KG/M IN 3.4 INSULATION INSTALLATION: POSITION THE APPROVED INSULATION PANELS WITH THEIR LONGEST DIMENSION PERPENDICULAR TO THE DIRECTION OF THE MEMBRANE SEAMS AND WITH THEIR ENDS STAGGERED. ON FLUTED STEEL DECKS, THE ONGER DIMENSION OF THE INSULATION PANELS SHOULD RUN PARALLE WITH THE FLUTES. PANELS ARE TO BE BUTT-EDGED TIGHTLY TOGETHER WITH A MAXIMUM SPACE BETWEEN PANELS OF 2 MM. VOIDS IN THE

INSULATION ARE TO BE FILLED WITH FIRESTONE SEALANT OR ANOTHER

COMPATIBLE FILLER. INSULATION INSTALLED IN MULTIPLE LAYERS SHALI HAVE ALL EDGES STAGGERED FROM THE ADJACENT LAYER. INSULATION

DELAMINATION OR COLLAPSE, SHALL BE CUT OUT AND REPLACED WITH

.2 ALL INSULATION PANELS MUST BE MECHANICALLY ATTACHED TO THE

STRUCTURAL DECK WITH FIRESTONE INSULATION FASTENERS AS PER MANUFACTURER MINIMUM REQUIREMENTS. REFER TO MANUFACTURERS SPECIFICATIONS. FASTENERS MUST BE A MINIMUM OF 15 CM (6") FROM INSULATION PANEL'S EDGE. BOARDS MUST CONFORM TO THE DECK SURFACE. IRREGULAR SURFACES WILL REQUIRE ADDITIONAL FASTENERS. IF THE INSULATION MANUFACTURER'S FASTENING REQUIREMENTS EXCEED THOSE OF

FIRESTONE, THEY MUST BE USED IN LIEU OF FIRESTONE'S

THAT HAS BECOME DAMAGED IN ANY WAY, INCLUDING FACER

STRUCTURALLY SOUND INSULATION.

- 3.5 POSITIONING & FASTENING OF MEMBRANE:
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUITABILITY OF THE SUBSTRATE SURFACE TO ACCEPT THE MEMBRANE. ENSURE INSULATION SURFACE OR SUBSTRATE IS CLEAN, FLAT AND FREE FROM DIRT, DEBRIS OR SHARP OBJECTS THAT MIGHT BE DETRIMENTAL TO THE PERFORMANCE OF
- .2 MEMBRANE SHEETS SHALL BE INSTALLED IN ACCORDANCE WITH FIRESTONE REQUIREMENTS - REFER TO MANUFACTURERS SPECIFICATIONS & FACTORY MUTUAL. IF USING FIRESTONE REQUIREMENTS, PERIMETER SHEETS MUST BE EASTENED IN A PICTURE FRAME PATTERN AROUND THE PERIMETER. FIELD SHEETS SHALL BE INSTALLED PERPENDICULAR TO THE LINDERLYING INSULATION'S GREATER DIMENSION AND, IF ON A STEEL DECK PERPENDICULAR TO THE FLUTE DIRECTION UNLESS THE DECK SLOPE
- 3 UNROLL MEMBRANE SHEETS AND POSITION ACCORDING TO THE PPROVED SHOP DRAWINGS. OUTSIDE PERIMETER SHEETS SHALL BE BROUGHT FLUSH TO THE BASE OF THE PERIMETER PARAPET OR WALL. OR N THE CASE OF A ROOF EDGE, EXTEND OVER THE OUTSIDE EDGE A 40 MM (5.5") ON SIDES AND WHEREVER FASTENERS ARE INCLUDED WITHIN THE SEAM FOR LAPS WITHOUT FASTENERS ARE TO BE LAPPED A MINIMUM OF 6 CM (2"). EXTEND MEMBRANE UP AND OVER A PARAPET WALL OR A ROOF EDGE & SECURE IT ALONG THE PERIMETER EDGE USING THE
- STRIPBOND™ METHOD OF PERIMETER SECUREMENT FIRESTONE MEMBRANE FASTENERS FOR THE TYPE OF DECK ARE TO BE FASTENED 50 MM (2") IN FROM THE SIDE EDGE OF BOTH PERIMETER AND FIELD MEMBRANE SHEETS, ON MAXIMUM 305 MM (12") CENTRES. FASTENER PLATES AND HEADS SHALL BE FLUSH WITH THE MEMBRANE AND SHALL PENETRATE THE MEMBRANE, INSULATION (EXISTING ROOF, IF APPLICABLE) AND STRUCTURAL DECK ACCORDING TO THE SPECIFIC REQUIREMENTS OF
- WHERE THE MEMBRANE PLATE IS DEFORMED.

- FIELD SEAMS MUST BE WELDED WITH AN AUTOMATIC HOT AIR WELDER OPERATED BY AN INDIVIDUAL THOROUGHLY TRAINED AND COMPETENT IN THE MACHINE'S OPERATION. SMALL WORK AND REPAIRS CAN BE DONE
- NOT AN ACCEPTED MEANS OF FIELD SEAMING. 2 HOT AIR WELD ALL SEAMS A MINIMUM OF 38 MM (1.5") WIDE 3 DIRTY, DUSTY OR CONTAMINATED MEMBRANE OR MEMBRANE EXPOSED FOR MORE THAN SEVEN DAYS PRIOR TO WELDING MUST BE CLEANED WITH TPO WEATHERED MEMBRANE CLEANER WITH A CLEAN SCRUB PAD SATURATED WITH TPO WEATHERED MEMBRANE CLEANER, AGGRESSIVELY SCRUB THE SEAM AREA OF THE ROOF MEMBRANE. FOLLOW WITH A FINAL ONE SWIPE PASS, BEING CAREFUL NOT TO RE-DEPOSIT CONTAMINANTS BACK ONTO THE CLEANED AREA. ENSURE THAT THE CLEANER AND ADJACENT BONDING ADHESIVE HAS COMPLETELY FLASHED OFF BEFORE
- ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS. NAILERS ARE REQUIRED AT ALL ROOF EDGES, GRAVEL STOPS OR DRIP EDGES. DIRECT FASTENER PERIMETER SECUREMENT METHOD: ULTRAPL MEMBRANE SHALL BE BROUGHT FLUSH TO ROOF EDGES, PARAPETS. WALLS, EXPANSION JOINTS, CURBS AND ALL OTHER ROOF PENETRATIONS THAT EXCEED 60 CM (24") IN ANY DIMENSION AND BE MECHANICALLY FASTENED PARALLEL TO THE PERIMETER THROUGH THE INSULATION, VAPOUR RETARDER [EXISTING ROOFING] TO THE STRUCTURAL DECK ON 30

CM (12") CENTRES WITH MEMBRANE FASTENERS AND PLATES. THE

INSTRUCTIONS FOR SPECIFICS REINFORCED FLASHING MEMBRANE SHALL BE EXTENDED UP ALL PARAPET WALLS, CURBS, ROOF EDGES, ETC. IF USING THE DIRECT FASTENER METHOD OF PERIMETER SECUREMENT, THE FLASHING MEMBRANE MUST EXTEND A MINIMUM OF 51 MM (2") BEYOND THE PERIMETER FASTENER

MEMBRANE OVER THE UPQSRPF STRIP WITH A 1 1/2" (51MM) WIDE SILICONE

HAND ROLLER TO ENSURE PROPER ADHESION. REFER TO INSTALLATION

OR WATER-BASED BONDING ADHESIVE ROLL THE ULTRAPLY TPO

- ADHERING UI TRAPI Y TPO TO CONCRETE WOOD METAL OR ACCEPTABLE INSULATIONS: FLASHING MEMBRANE IS TO BE FULLY BONDED TO ALL VERTICAL WALLS AND PARAPETS. APPLY TPO, BONDING ADHESIVE WITH A ROLLER TO THE UNDERSIDE OF THE FLASHING MEMBRANE AND TO THE SUBSTRATE AT THE NET COVERAGE RATE OF 5.7 M2 (60 SQ ET.) / GALLON DO NOT APPLY THE BONDING ADHESIVE TO AREAS ON THE MEMBRANE THAT ARE TO BE HEAT WELDED. APPLY ADHESIVE EVENLY, WITHOUT GLOBS OR PUDDLES. ALLOW THE ADHESIVE TO FLASH-OFF UNTIL IT IS TACKY BUT DOES NOT STRING WHEN TOUCHED WITH A DRY FINGER. ROLL THE MEMBRANE ONTO THE SUBSTRATE, BEING CAREFUL NOT TO WRINKLE THE
- TERMINATION SEALER TAPE TO BACKSIDE OF MEMBRANE EDGE. PRESS MEMBRANE AGAINST WALLAND ROLL WITH A STEEL HAND ROLLER. FASTEN TERMINATION BAR ALONG THE UPPER EDGE OF THE MEMBRANE INTO THE WALL LISING APPROPRIATE FASTENERS ON 15 CM (6") CENTRES. APPLY ALI PURPOSE SEALANT ALONG UPPER EDGE OF BAR AND OVER TOP OF ALL

8 IF TERMINATING MEMBRANE PART WAY UP A WALL OR PARAPET, APPLY

- 3.8 PROTRUSION & CORNER FLASHINGS: INSTALL PRE-FORMED METAL FLASHINGS. DRAIN HOPPERS ETC EXISTING FLASHINGS MUST BE THOROUGHLY CLEANED OF ALL ONTAMINANTS OR REPLACED WITH NEW FLASHINGS. DO NOT FLASH TO
- OR THROUGH APPROPRIATE COUNTERFLASHING WITH APPROVE FASTENERS AND IN ACCORDANCE WITH MANUFACTURERS DETAILS .4 MEMBRANE CONNECTIONS TO DRAINS ARE TO BE SEALED WITH ALL PURPOSE SEALANT OR TERMINATION SEALER TAPE AND CLAMPED WITH A

3 ALL FLASHING SHALL BE MECHANICALLY FASTENED AT THE TOP, UNDER

SEAM AS PER SECTION 3.5 ABOVE.

SECTIONS 50 MM (2") APART.

CONTAMINATED WITH THE NIGHT SEALAN

- POSITION THE WALKWAY PAD AND CUT TO DESIRED LENGTH. WHEREVER POSSIBLE, WALKWAY PAD SHALL NOT COVER SEAMS. WHEN INSTALLED ADJACENT TO A SEAM, THE PAD SHOULD BE KEPT A MINIMUM 50 MM (2") FROM THE EDGE OF THE SEAM ON THE BOTTOM SHEET AND 15 CM (6") AWAY FROM THE EDGE OF THE SEAM ON THE TOP SHEET. WHEN COVERING SEAMS IS UNAVOIDABLE, THE LAP SEAM SHOULD BE COMPLETED PER
- PREVENT THE ACCUMULATION OF WATER UNDER THE PAI 3.10 TEMPORARY NIGHT SEAL: AT THE END OF EACH DAY OR AT THE THREAT OR ONSET OF INCLEMENT WEATHER, THE INSULATION SHALL BE PROTECTED BY EXTENDING THE MEMBRANE BEYOND THE INSULATION AND SEALING IT TO THE DECK WITH

MANUFACTURER NIGHT SEALANT OR ANOTHER APPROVED TEMPORARY

WHEN RESUMING WORK, CUT AND DISPOSE OF PORTION OF MEMBRANE

OR SUFFICIENTLY BALLASTED TO PROTECT AGAINST WIND UPLIFT.

SEALANT. ENSURE MEMBRANE EDGE IS EITHER MECHANICALLY FASTENED

- FIRESTONE REPRESENTATIVE WILL MAKE AN INSPECTION OF THE INSTALLATION FOR WARRANTY ACCEPTANCE.
- MOP ROOF FELTS INTO SCUPPERS TO FORM WATERTIGHT PENETRATION END OF SECTION 07 50 00

- EXCEEDS 3:1, WHEREUPON THE FIELD SHEETS MUST BE INSTALLED PERPENDICULAR TO THE SLOPE. MINIMUM OF 75 MM (3"). ADJOINING SHEETS ARE TO OVERLAP A MINIMUM OF
- THE TYPE OF FASTENER. DO NOT OVERDRIVE FASTENERS TO THE POINT
- .5 EACH MEMBRANE SHEET SHALL BE COMPLETELY FASTENED BEFORE PROCEEDING TO THE NEXT SHEET 3.6 SPLICING MEMBRANE SHEETS:
- EFFICIENTLY WITH A HAND WELDER, HOWEVER, HAND-HELD WELDERS ARE
- WELDING. FOLLOW STANDARD WELDING PROCEDURES WITH A 20% REDUCTION IN SPEED. .4 ALL SPLICES ARE TO BE PROBED ALONG THEIR ENTIRE LENGTH WITH A EFFECTIVELY. THE MEMBRANE MUST BE ALLOWED TO COOL PRIOR TO ESTING. IN ADDITION, THERE SHOULD BE A DESTRUCTIVE PEEL STRENGT TEST PERFORMED AT THE START OF EACH DAY AND EACH TIME THE ROBOT VELDER IS REUSED AFTER BEING ALLOWED TO COOL. THE DESTRUCTIVE
- TEST SAMPLE SHOULD BE 5 CM (2") WIDE AND SHOULD SHOW MEMBRANE DELAMINATION FROM THE SCRIM PRIOR TO WELD FAILURE. .5 CUT MEMBRANE EDGES SHALL BE SEALED BY APPLYING TPO CUT EDGE SEALANT ALONG THE EXPOSED EDGE

3.7 PERIMETER FLASHING & SECUREMENT:

1 INSTALL THE IROOF EDGE SYSTEM: GRAVEL STOP: DRIP EDGE

PERÌMÉTER FASTENER ROW SHALL BE CENTRED NO FURTHER THAN 150 MM

- (6") FROM THE PERIMETER. .3 ULTRAPLY QUICKSEAM REINFORCED PERIMETER FASTENING (RFP) STRIP STRIP (UPQSRPF STRIP) WITH THE RELEASE PAPER UP AND THE TAPER PORTION FARTHEST AWAY FROM THE WALL OR PENETRATION. ANCHOR UPQSRPF STRIP USING HEAVY DUTY OR HEAVY DUTY PLUS SEAM PLATES AND FASTENERS 12" (305MM) O.C. MAXIMUM PER CURRENT BASE TIE-IN DETAILS. POSITION ULTRAPLY TPO MEMBRANE OVER UPQSRPF STRIP WITH EASE PAPER IN PLACE AND ALLOW MEMBRANE TO RELAX. FOLD BACK ULTRAPLY TPO MEMBRANE TO EXPOSE THE TAPE. PRIME THE ULTRAPLY TPO TO BE SPLICED TO THE TAPE USING ULTRAPLY QUICKPRIME AN QUICKSCRUBBER OR QUICKSCRUBBER PLUS PAD AND HANDLE PER RENT PROCEDURES. USE TOUCH-PUSH TEST TO DETERMINE WHEN THE ULTRAPLY QUICKPRIME IS READY TO BE MATED WITH THE TAPE REMOVE THE RELEASE PAPER. ROLL THE PRIMED ULTRAPLY TPO MEMBRANE INTO THE TAPE. THE PORTION OF THE UPQSRPF WITHOUT TAPE IAY BE BONDED TO THE MEMBRANE USING ULTRAPLY BONDING ADHESIVE
- PLATES OUT ONTO THE FLAT AREA OF THE ROOF. 5 WHERE REQUIRED, ENHANCED SECUREMENT IN PERIMETER AREAS MAY BE ACHIEVED BY SECURING THE MEMBRANE UNDER COVER STRIPS OR WITH DOUBLE P.S. STRIPBOND STRIPS.
- MEMBRANE OR BRIDGE IT AT THE VERTICAL / HORIZONTAL JUNCTURE (CREASE THE MEMBRANE FIRST). BRUSH THE MEMBRANE HEAVILY WITH A PUSH BROOM TO ASSURE COMPLETE CONTACT OVER ALL BONDED AREAS. UNLESS APPROVED DETAIL SHOWS OTHERWISE, MEMBRANE MUST EITHER TERMINATE IN A REGI ET, BE FASTENED ACCORDING TO PARAGRAPH 3.6.6 COUNTER-FLASHED WITH SHEET METAL OR A STONE CAP. ALL METAL WATERPROOFED IN AN ACCEPTABLE MANNER
- 2 FLASH ALL CORNERS VENT PIPES POSTS CURBS AND PRE-FORMED FLASHINGS IN STRICT ACCORDANCE WITH CURRENT FIRESTONE INSTALLATION INSTRUCTIONS AND DETAILS. USE ADHESIVES AND SEALANTS IN CONJUNCTION WITH PRE-MOLDED FLASHINGS, INSTALLED IN ACCORDANCE WITH INSTALLATION REQUIREMENTS AND DETAILS. DO NOT APPLY ADHESIVES TO AREAS ON THE FLASHING THAT ARE TO BE SEAMED.
- CLAMPING RING TO ASSURE A 100% CONTINUOUS SEAL, AS PER MANUFACTURER DETAILS. FIELD SEAMS SHALL NOT RUN THROUGH DRAINS. 3.9 TRAFFIC WALKWAYS ENSURE MEMBRANE TO RECEIVE TRAFFIC PADS IS CLEAN AND DRY. IF HE MEMBRANE IS NOT CLEAN AND DRY, FOLLOW THE STEPS IN SECTION 3.5.3 BEFORE PROCEEDING WITH THE REMAINDER OF THIS SECTION.
- OLLOWING STANDARD WELDING PROCEDURES. LEAVE 25 MM TO 50 MM (1" TO 2") GAPS IN THE WELD ON THE LOW SLOPE EDGE EVERY 60 CM (2 FT.) TO

SECTION 3.5 ABOVE AND THOROUGHLY PROBED, WITH ANY DEFICIENCIES.

PADS IS DESIRED, CUT PADS TO A UNIFORM LENGTH AND SPACE THE

WELD THE PERIMETER OF THE WALKWAY PAD TO THE MEMBRANE

CORRECTED PRIOR TO PAD INSTALLATION. WHERE DRAINAGE AROUND THE

- REMOVE ALL CUT PIECES, WRAPPINGS, WASTE AND DEBRIS FROM THE JOB SITE. .2 ENSURE THAT THE MEMBRANE IS CLEANED OF ALL SPILLED ADHESIVES OR RESIDUES AND PRESENTS AN AESTHETICALLY ATTRACTIVE APPEARANCE
- 3.13 SCUPPERS: .1 PROVIDE PRE-FINISHED METAL SCUPPERS, TO MATCH METAL FLUSHING, AT LOCATIONS AND AS DETAILED ON DRAWING

UPON COMPLETION OF THE ROOFING SYSTEM, AN AUTHORIZED

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Company Logo

Location

ISSUE TABLE

REVISIONS

Date

8/01/2023

9/04/2023

9/12/2023

9/12/2023

Date

Date

Description

Description

RESPONSE TO CITY

HEALTH COMMENTS

RESPONSE TO CITY

HEALTH COMMENTS

DRAWINGS REVISED AS PER DESIGN BULLETIN

9.14.2023

15704

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C22-129

SPECIFICATIONS Checked

PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE FASTENERS: SAME MATERIAL AND FINISH AS GUTTERS AND DOWNSPOUTS. PART 3 - EXECUTION **ISSUE TABLE** 1.2 REFERENCES SHEET METAL FLASHING AND TRIM SECTION 07 62 00 **DIVISION 8 - OPENINGS** SPLASH BLOCK: CONCRETE, 12" W. X 24" L. (MIN.) ONE OF THE FOLLOWING: C. EXTERIOR STOREFRONT: 3.1 EXAMINATION A. AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION SPECIFICATIONS A. INSULATING GLASS a. POLYMERIC SYSTEMS, INC.; PSI-901. KAWNEER TRIFAB VERSAGLAZE 451T, THERMALLY BROKEN, 2" X 4 1/2" WITH 1" PART 1 - GENERAL METAL DOORS & FRAMES **SECTION 08 11 00** Description INSULATING GLASS: ASTM E2190 CERTIFIED BY INSULATING GLASS A. EXAMINE SUBSTRATES AND CONDITIONS, WITH INSTALLER PRESENT, FOR B. AMERICAN SOCIETY MECHANICAL ENGINEERS STANDARDS SPECIFICATIONS A. FORM GUTTERS AND DOWNSPOUTS OF PROFILES AND SIZE INDICATED. RELATED DOCUMENTS CERTIFICATION COUNCIL AND INSULATING GLASS MANUFACTURERS C. ASTM INTERNATIONAL SPECIFICATIONS PART 1 - GENERAL PENETRATING ITEMS. SUBSTRATES, AND OTHER CONDITIONS AFFECTING 2. CRL-US ALUMINUM SERIES IT451 STOREFRONT SYSTEM, THERMALLY BROKEN, 2" X ALLIANCE; WITH LOW E COATING ON SURFACE 2 AND GLASS ELASTOMER FABRICATE WITH REQUIRED CONNECTION PIECE SIKA CORPORATION, CONSTRUCTION PRODUCTS DIVISION; ERFORMANCE OF FIRESTOPPING. DO NOT PROCEED WITH INSTALLATION UNTIL A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. 4-1/2" WITH 1" INSULATED CLASS LOW E GLASS UNIT CONSUMER PRODUCTS SAFETY COMMISSION EDGE SEAL: PURGE INTERPANE SPACE WITH DRY AIR: TESTED IN SIKAFLEX - 15LM. FORM SECTIONS SQUARE TRUE AND ACCURATE IN SIZE IN MAXIMUM POSSIBI UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. CCORDANCE WITH ASTM E2188 FOR UNIT PERFORMANCE AND ASTM 3. YKK AP YES 45 FI Center Set Flush Glazed Storefront System, Thermally Broken, 2" x PART 2 - PRODUCTS E. DUPONT POWDER COATING TEST METHOD. TREMCO INCORPORATED: VULKEM 921 OR DYMONIC FC. LENGTHS, FREE OF DISTORTION OR DEFECTS DETRIMENTAL TO APPEARANCE OR A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. E2189 FOR RESISTANCE TO FOGGING. 4-1/2" with 1" Insulated Class Low E Glass Unit. PERFORMANCE. ALLOW FOR EXPANSION AT JOINTS. MANUFACTURER'S F. H.P. WHITE LABORATORY, INC 3.2 PREPARATION 'ISA'- SINGLE-COMPONENT POLIRABLE MOISTURE CURING POLYURETHANI a. INSULATING GLASS UNIT EDGE SEAL CONSTRUCTION: ALUMINUM, HEM EXPOSED EDGES OF METAL MIN 1/2" FOLD OVER. JOINT SEALANT: ASTM C 920, TYPE S, GRADE P, CLASS 100/50, FOR USE NT BENT AND SPOT WELDED CORNERS. A. COUNTER FLASHINGS: FRY REGLET: TYPE M-A MASONRY SPRINGLOCK FLASHING G. NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS. SURFACE CLEANING: CLEAN OUT OPENINGS AND JOINTS IMMEDIATELY PRIOR TO A. PROVIDE FRAMES COMPLYING WITH STEEL DOOR INSTITUTE "RECOMMENDED 1. KAWNEER TRIFAB VERSAGLAZE 451, 2" X 4 1/2" WITH 1/4" GLASS OR CHENEY: TYPE B, SNAPLOCK SYSTEM OR O'KEEFFE'S, INC.: TYPE MI, PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE E. FABRICATE GUTTER AND DOWNSPOUT ACCESSORIES; SEAL WATERTIGHT 2.5 SECURITY DEVICE ACCESSORIES SPECIFICATIONS STANDARD STEEL DOORS AND FRAMES" ANSI/SDI-100 AND AS HEREIN H. SAE INTERNATIONAL. FIRESTOPPING MANUFACTURER AND THE FOLLOWING REQUIREMENTS: REMOVE ONE OF THE FOLLOWING: 2. CRL-US ALUMINUM SERIES 451 STOREFRONT SYSTEM, NON-THERMAL, 2" X 4-1/2" 2.5 FACTORY FINISHING A. SECURITY LOCK BAR: SLIDING ALUMINUM LOCK BAR. STEEL STRUCTURES PAINTING COUNCIL. ALL FOREIGN MATERIALS FROM SURFACES OF OPENING AND JOINT SUBSTRATES a. DOW CORNING CORPORATION; 890-SL B. FIRE-RATED DOOR ASSEMBLIES: UNITS THAT COMPLY WITH NFPA 80, ARE IDENTICAL TO AND FROM PENETRATING ITEMS THAT COULD INTERFERE WITH ADHESION OF B. HOOK-LOCK: MAXIMUM SECURITY ADAMS RITE STYLE HOOK LOCK ON ALL B. PARAPET CAP/COPINGS: PAC-CLAD PETERSON ALUMINUM; PAC-CONTINUOUS THERMO CURED FLUOROCARBON "KYNAR 500" RESIN COATING. J. UNDERWRITERS LABORATORY. 3. YKK AP 45 FI CENTER SET FLUSH GLAZED STOREFRONT SYSTEM W/ GLAZING FIRESTOPPING. CLEAN OPENING AND JOINT SUBSTRATES AND PENETRATING DOOR AND FRAME ASSEMBLIES WHOSE FIRE RESISTANCE CHARACTERISTICS HAVE b. PECORA CORPORATION; 300 PAVEMENT SEALANT (SELF-LEVELING). CLEAT COPING. B. PRIMER COAT: FINISH CONCEALED SIDE OF METAL SHEETS WITH WASH COAT ADAPTER, NON-THERMAL, 2" X 4-1/2" WITH 1/4" GLASS. ITEMS TO PRODUCE CLEAN, SOUND SURFACES CAPABLE OF DEVELOPING BEEN DETERMINED PER ASTM E 152 AND WHICH ARE LABELED AND LISTED BY UL 1.3 PERFORMANCE REQUIREMENTS AND PRIMER COMPATIBLE WITH FINISH SYSTEM, AS RECOMMENDED BY FINISH TREMCO INCORPORATED; VULKEM 45. FACTORY MUTUAL, WAMOCK HERSEY, OR OTHER TESTING AND INSPECTING C. VENTED SOFFIT: DIMENSIONAL METALS, INC. OR PETERSON ALUMINUM OPTIMUM BOND WITH FIRESTOPPING. REMOVE LOOSE PARTICLES REMAIN ORGANIZATION ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. A. SYSTEM DESIGN: DESIGN AND SIZE COMPONENTS TO WITHSTAND DEAD LOADS AND LIVE CORPORATION OR ATLAS ALUMINUM, INC. SYSTEM MANUFACTURER. FROM CLEANING OPERATION. REMOVE LAITANCE AND FORM RELEASE AGENTS E. SWING DOORS (AS APPLICABLE): (BASIS OF DESIGN) FABRICATE WINDOW TO DIMENSIONS INDICATED ON DRAWINGS OADS CAUSED BY PRESSURE AND NEGATIVE WIND LOADS ACTING NORMAL TO PLANE FROM CONCRETE. 1.3 DELIVERY, STORAGE AND HANDLING PART 3 - EXECUTION SHEET METAL FLASHING AND TRIM MATERIALS FABRICATE WINDOWS DRAWERS AND ACCESSORIES TO PROVIDE A COMPLETE 'JS-5'- LATEX JOINT SEALANT: ACRYLIC LATEX OR SILICONIZED ACRYLIC LATEX OF WINDOW AS CALCULATED IN ACCORDANCE WITH APPLICABLE CODE. 1. KAWNEER 190 SERIES SINGLE ACTING NARROW STILE DOOR WITH 1" TEMPERED PRIMING: PRIME SUBSTRATES WHERE RECOMMENDED BY FIRESTOPPING A DELIVER FRAMES CARDBOARD-WRAPPED OR CRATED TO PROVIDE PROTECTION DURING ZINC-COATED STEEL: COMMERCIAL QUALITY WITH 0.20 PERCENT COPPER, ASTN ASTM C 834, TYPE OP, GRADE NF, GLASS AND 10" BOTTOM RAIL. SYSTEM FOR ASSEMBLY OF COMPONENTS AND ANCHORAGE OF WINDOW. B. SYSTEM INTERNAL DRAINAGE: DRAIN WATER ENTERING JOINTS, CONDENSATION MANUFACTURER USING THAT MANUFACTURER'S RECOMMENDED PRODUCTS AND RANSIT AND JOB STORAGE. PROVIDE ADDITIONAL PROTECTION TO PREVENT DAMAGE A526, EXCEPT ASTM A527 FOR LOCK FORMING, G90 HOT-DIPPED GALVANIZED, MILL 2. CRL-US ALUMINUM NARROW STILE SERIES 250 DOOR SYSTEM WITH 1" TEMPERED RRING IN GLAZING CHANNELS, AND MIGRATING MOISTURE OCCURRING WITHIN METHODS. CONFINE PRIMERS TO AREAS OF BOND: DO NOT ALLOW SPILLAGE A. VERIFY THAT SURFACES ARE READY TO RECEIVE WORK. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE **REVISIONS** TO FINISH OF FACTORY-FINISHED FRAMES. SYSTEM TO EXTERIOR BY WEEP DRAINAGE NETWORK GLASS AND 10" BOTTOM RAIL. PROVIDE UNITS THAT ARE REGLAZABLE FROM THE SECURE SIDE IND MIGRATION ONTO EXPOSED SURFACES ONE OF THE FOLLOWING: 3.2 PREPARATION B. INSPECT FRAMES UPON DELIVERY FOR DAMAGE. MINOR DAMAGES MAY BE REPAIRED. B. MATERIAL GAUGES TO BE AS FOLLOWS WITHOUT DISMANTLING THE NONSECURE SIDE OF FRAMING. 3. YKK AP 20D ENTRANCE SYSTEM WITH 1" TEMPERED GLASS AND 10" BOTTOM RAIL. AIR AND VAPOR SEAL: MAINTAIN CONTINUOUS AIR BARRIER AND VAPOR RETARDER MASKING TAPE: USE MASKING TAPE TO PREVENT FIRESTOPPING FRO a. BOSTIK, INC.; CHEM-CALK 600 PROVIDED REFINISHED ITEMS ARE EQUAL IN ALL RESPECTS TO NEW WORK AND Date Description PAINT CONCEALED METAL SURFACES AND SURFACES IN CONTACT WITH THROUGHOUT ASSEMBLY, PRIMARILY IN LINE WITH [INSIDE] PANE OF GLASS AND HEE PREPARE SECURITY WINDOWS FOR GLAZING UNLESS PREGLAZING AT CONTACTING ADJOINING SURFACES THAT WILL REMAIN EXPOSED UPON METAL FLASHING: 26 GA. MATERIALS b. PECORA CORPORATION; AC-20+ ACCEPTABLE TO ARCHITECT; OTHERWISE, REMOVE AND REPLACE DAMAGED ITEMS AS OMPLETION OF WORK AND THAT WOULD OTHERWISE BE PERMANEN BEAD OF GLAZING COMPOUND. [POSITION THERMAL INSULATION ON EXTERIOR SURFACE DISSIMILAR METALS WITH PROTECTIVE BACKING PAINT TO A MINIMUM DRY FILM THE FACTORY IS INDICATED METAL CAP/COPING: 24 GA. A. ALUMINUM MEMBERS: ALLOY AND TEMPER RECOMMENDED BY THE MANUFACTURE OF AIR BARRIER AND VAPOR RETARDER. THICKNESS OF 15 MIL. STAINED OR DAMAGED BY SUCH CONTACT OR BY CLEANING METHODS USED TO c. TREMCO INCORPORATED; TREMFLEX 834. PROVIDE WEEP HOLES AND INTERNAL WATER PASSAGES FOR EXTERIOR 8/01/2023 RESPONSE TO CITY FOR STRENGTH, CORROSION RESISTANCE, AND APPLICATION OF REQUIRED FINISH C. STORE FRAMES AT BUILDING SITE LINDER COVER. PLACE UNITS ON MINIMUM 4-INCHES REMOVE SMEARS FROM FIRESTOPPING MATERIALS. REMOVE TAPE AS SOON AS MISCELLANEOUS TRIM: 24 GA. PROVIDE GLASS AND GLAZING MATERIALS FOR CONTINUITY OF BUILDING ENCLOSURE 3.3 INSTALLATION EXTRUSIONS SHALL BE 6063 T5 ALLOY AND TEMPER TO COMPLY WITH ASTM B 221 FOR SECURITY WINDOWS TO CONDUCT INFILTRATING WATER TO THE EXTERIOR. 2.5 METALLIC PUTTY SEALANTS IT IS POSSIBLE TO DO SO WITHOUT DISTURBING FIRESTOPPING'S SEAL WITH HIGH WOOD BLOCKING. AVOID USE OF NON-VENTED PLASTIC OR CANVAS SHELTERS VAPOR RETARDER AND AIR BARRIER: WHICH COULD CREATE HUMIDITY CHAMBER. IF CARDBOARD WRAPPER ON DOOR LOUVER RAIN HOODS: 22 GA ALUMINUM EXTRUSIONS, ASTM B 209 FOR ALUMINUM SHEET OR PLATE, AND ASTM B 21 A. INSTALL GUTTERS, DOWNSPOUTS, AND ACCESSORIES AS SPECIFIED. RIGIDLY FIT AND SECURE JOINTS AND CORNERS WITH INTERNA A. 'JS-7' - METALLIC PUTTY: RIGID, TWO-PART EPOXY RESIN BASED PUTTY SYSTEM. 9/04/2023 HEALTH COMMENTS BECOMES WET, REMOVE CARTON IMMEDIATELY. PROVIDE SPACES BETWEEN FOR ALUMINUM BARS, RODS AND WIRE. 1. TO UTILIZE THE INNER PANE OF MULTIPLE PANE SEALED UNITS FOR THE REINFORCEMENT. MAKE JOINTS AND CONNECTIONS FLUSH, HAIRLINE, AND C. ALL FLASHINGS AND COPINGS TO BE SELF-LOCKING WITH PERMANENT INSTALLING THROUGH-PENETRATION FIRESTOPS SHEET METAL: JOIN LENGTHS WITH SEAMS SEALED WATERTIGHT. FLASH AND PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE STACKED DOORS TO PROMOTE AIR CIRCULATION. CONTINUITY OF THE AIR BARRIER AND VAPOR RETARDER SEAL. WEATHERPROOF. FULLY WELD CORNERS. B. CARBON STEEL REINFORCEMENT OF ALUMINUM FRAMING MEMBERS SHALL COMPLY $\hbox{HOLD-DOWN CLIPS. ALL EXPOSED EDGES TO BE\ HEMMED}.$ SEAL GUTTERS TO DOWNSPOUTS (PROVIDE POSITIVE
DRAINAGE TO GENERAL: COMPLY WITH THE "SYSTEM PERFORMANCE REQUIREMENTS" ARTICLE ONE OF THE FOLLOWING VITH ASTM A 36 FOR STRUCTURAL SHAPES, PLATES AND BARS, ASTM A 611 FOR COLD 9/12/2023 RESPONSE TO CITY PART 2 - PRODUCTS 1. FABRICATE FRAMING WITH MANUFACTURER'S STANDARD, INTERNAL D ALL EXPOSED METALS SHALL BE PRE-FINISHED IN "KYNAR 500" AND SHALL HAVE A N PART 1 AND THE THROUGH-PENETRATION FIRESTOP MANUFACTURER'S a. PEERLESS INDUSTRIAL SYSTEMS; EPIGEM 2008. ROLLED SHEET AND STRIP. OR ASTM A 570 FOR HOT ROLLED SHEET AND STRIP. OPAQUE ARMORING IN THICKNESSES REQUIRED FOR SECURITY 1.4 SUBMITTALS SLOPE GUTTERS TO DOWNSPOUTS (PROVIDE POSITIVE DRAINAGE TO 20 YEAR LIMITED PAINT WARRANTY. COLOR: AS INDICATED ON DRAWINGS OR AS INSTALLATION INSTRUCTIONS AND DRAWINGS PERTAINING TO PRODUCTS AND 2.1 MANUFACTURERS WINDOWS TO COMPLY WITH BALLISTICS-RESISTANCE PERFORMANCE C. GLASS AND GLAZING MATERIALS: COMPLY WITH REQUIREMENTS OF SECTION 08800, OF CHOSEN BY ARCHITECT FROM MANUFACTURER'S STANDARD SELECTION. b. EQUAL PRODUCTS AS APPROVED BY ARCHITECT. 9/12/2023 HEALTH COMMENTS E. SHOP DRAWINGS: A. PROVIDE PRODUCTS FROM ONE OF THE FOLLOWING: INDICATED. INSTALL FORMING/DAMMING MATERIALS AND OTHER ACCESSORIES OF TYPES MISCELLANEOUS MATERIALS AND ACCESSORIES AMWELD CORPORATION . INDICATE CONFIGURATION, SIZES, ROUGH-IN, MOUNTING, CONSTRUCTION AND PREPARE COMPONENTS WITH REINFORCEMENT REQUIRED FOR HARDWARE SFAL CONNECTION WATERTIGHT. PROVIDE SPLASH BLOCKS AT ALL LOCATIONS D. FASTENERS: PROVIDE FASTENERS OF ALUMINUM, NONMAGNETIC STAINLESS STEEL, IN REQUIRED TO SUPPORT FILL MATERIALS DURING THEIR APPLICATION AND IN THE A. SOLDER: FOR USE WITH STEEL OR COPPER, PROVIDE 50-50 TIN/LEAD SOLDER ACOUSTICAL JOINT SEALANT: MANUFACTURER'S STANDARD NONSAG, PAINTABLE, GLAZING DETAILS AS WELL AS INSTALLATION CLEARANCES AND FINISHES POSITION NEEDED TO PRODUCE THE CROSS-SECTIONAL SHAPES AND DEPTHS ACCORDANCE WITH ASTM A 164. WHERE DOWNSPOUTS DO NOT TIE INTO A STORM SEWER. WELDING: TO GREATEST EXTENT POSSIBLE, WELD BEFORE FINISHING AND IN (ASTM B32), WITH ROSIN FLUX. NONSTAINING LATEX SEALANT COMPLYING WITH ASTM C 834. PRODUCT REQUIRED TO ACHIEVE FIRE RATINGS OF DESIGNATED THROUGH-PENETRATION INCEALED LOCATIONS TO MINIMIZE DISTORTION OR DISCOLORATION OF END OF SECTION 07 71 23 REINFORCEMENT: WHERE FASTENERS SCREW-ANCHOR INTO ALUMINUM. RESTOP SYSTEMS. AFTER INSTALLING FILL MATERIALS, REMOVE COMBUSTIBLE FINISH. REMOVE WELD SPATTER AND WELDING OXIDES FROM EXPOSED B. FASTENERS: SAME METAL AS FLASHING /SHEET METAL OR OTHER HOT-ROLLED STEEL SHEETS AND STRIP: COMMERCIAL QUALITY CARBON STEEL, MEMBERS LESS THAN 0.125 INCHES THICK, REINFORCE THE INTERIOR WITH JOINTS AND OPENINGS IN BUILDING CONSTRUCTION AS DEMONSTRATED BY SUBMIT MANUFACTURER'S PRODUCT DATA FOR SPECIFIED PRODUCTS INDICATING FORMING MATERIALS AND OTHER ACCESSORIES NOT INDICATED AS PERMANEN SURFACES BY DESCALING OR GRINDING. DRAWINGS REVISED AS PER DESIGN BULLETIN NON-CORROSIVE METAL AS RECOMMENDED BY SHEET MANUFACTURER. MATCH SECTION 07 84 00 ALUMINUM OR NONMAGNETIC STAINLESS STEEL TO RECEIVE SCREW THREADS PICKLED AND OILED, COMPLYING WITH ASTM A 569 AND ASTM A 568. TESTING REPRESENTATIVE ASSEMBLIES ACCORDING TO ASTM E 90. MATERIALS, OPERATION CHARACTERISTICS, AND FINISHES. OMPONENTS OF FIRESTOP SYSTEMS FINISH OF EXPOSED HEADS WITH MATERIAL BEING FASTENED. OR PROVIDE STANDARD NONCORROSIVE PRESSED-IN SPLINED GROMMET NUTS. METAL PROTECTION: SEPARATE DISSIMILAR METALS TO PROTECT AGAINST B. COLD-ROLLED STEEL SHEETS: COMMERCIAL QUALITY CARBON STEEL, COMPLYING WITH PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PART 1 - GENERA 3.4 INSTALLING FIRE-RESISTIVE JOINT SEALANTS C. SAMPLES BITUMINOUS COATING: SSPC - PAINT 12, SOLVENT TYPE BITUMINOUS MASTIC. GALVANIC ACTION BY PAINTING CONTACT SURFACES WITH PRIMER OR BY EXPOSED FASTENERS: DO NOT USED EXPOSED FASTENERS EXCEPT FOR ASTM A 366 AND ASTM A 568. ONE OF THE FOLLOWING: Description APPLYING SEALANT OR TAPE RECOMMENDED BY MANUFACTURER FOR THIS NOMINALLY FREE OF SULFUR, COMPOUNDED OF 15 MIL DRY FILM THICKNESS PER APPLICATION OF HARDWARE. FOR APPLICATION OF HARDWARE, USE PHILLIPS 1. SUBMIT TWO SAMPLES, 4 X 4 INCHES (100 X 100 MM) IN SIZE ILLUSTRATING METAL GENERAL: COMPLY WITH THE "SYSTEM PERFORMANCE REQUIREMENTS' ARTICLE C. GALVANIZED STEEL SHEETS: ZINC-COATED CARBON STEEL SHEETS OF COMMERCIAL a. PECORA CORPORATION; AC-20 FTR OR AIS-919. FINISHES FOR EACH FINISH SPECIFIED FLAT-HEAD MACHINE SCREWS THAT MATCH THE FINISH OF MEMBER OR IN PART 1. WITH ASTM C 1193 AND WITH THE SEALANT MANUFACTURER'S UALITY, COMPLYING WITH ASTM A 526, OR DRAWING QUALITY, ASTM A 642, HOT DIPPE A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. NSTALLATION INSTRUCTIONS AND DRAWINGS PERTAINING TO PRODUCTS AND H. FACTORY-CUT OPENINGS IN GLAZING FOR SPEAKING APERTURES. MASTIC SEALANT: POLYISOBUTYLENE; NON-HARDENING, NON-SKINNING USG CORPORATION; SHEETROCK ACOUSTICAL SEALANT. D. MANUFACTURER'S INSTALLATION INSTRUCTIONS GALVANIZED IN ACCORDANCE WITH ASTM A 525, WITH A60 OR G60 COATING APPLICATIONS INDICATED. NON-DRYING, NON-MIGRATING SEALANT E. CONCEALED FLASHING: 0.040-INCH-THICK ALUMINUM BRAKE METAL TRIM. ANODIZED SUBMIT INSTALLATION INSTRUCTIONS WITH REQUIREMENTS TO ACCOMMODATI PREGLAZED FABRICATION: PREGLAZE WINDOW UNITS AT FACTORY, WHERE JOINT SEALANT BACKING INSTALL JOINT FILLERS TO PROVIDE SUPPORT OF SEALANTS DURING FINISH TO MATCH STOREFRONT. ELASTOMERIC SEALANT: GENERIC TYPE RECOMMENDED BY MANUFACTURER OF A. FIRE-TEST-RESPONSE CHARACTERISTICS: PROVIDE FIRESTOPPING THAT D. SUPPORTS AND ANCHORS: FABRICATE OF NOT LESS THAN 18-GAGE SHEET STEEL; REQUIRED FOR APPLICATIONS INDICATED. SPECIFIC SITE CONDITIONS GENERAL: PROVIDE SEALANT BACKINGS OF MATERIAL AND TYPE THAT ARE APPLICATION AND AT POSITION REQUIRED TO PRODUCE THE CROSS-SECTIONA METAL AND FABRICATED COMPONENTS BEING SEALED AND COMPLYING WITH COMPLIES WITH THE FOLLOWING REQUIREMENTS AND THOSE SPECIFIED UNDER BRACKETS AND REINFORCEMENTS: HIGH-STRENGTH ALUMINUM BRACKETS AND GALVANIZED WHERE USED WITH GALVANIZED FRAMES. WEATHER STRIPPING: FACTORY APPLIED. SHAPES AND DEPTHS OF INSTALLED SEALANTS RELATIVE TO JOINT WIDTHS THAT NON-STAINING; ARE COMPATIBLE WITH JOINT SUBSTRATES, SEALANTS, PRIMER 1.5 QUALITY ASSURANCE REQUIREMENTS FOR JOINT SEALANTS AS SPECIFIED IN DIVISION 7 - SEALANTS THE "SYSTEM PERFORMANCE REQUIREMENTS" ARTICLE: REINFORCEMENTS; WHERE USE OF ALUMINUM IS NOT FEASIBLE PROVIDE NONMAGNETIC AND OTHER JOINT FILLERS: AND ARE APPROVED FOR APPLICATIONS INDICATED E. INSERTS. BOLTS AND FASTENERS: MANUFACTURER'S STANDARD UNITS. WHERE ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY AND DEVELOP BOTTOM SILLS: STAINLESS STEEL CONSTRUCTION, NO BOTTOM TRACKS AND EPOXY SEAM SEALER: TWO-PART NON-CORROSIVE METAL SEAM CEMENTING FIRESTOPPING TESTS ARE PERFORMED BY A QUALIFIED TESTING AND STAINLESS STEEL OR HOT-DIP GALVANIZED STEEL COMPLYING WITH ASTM A 123. A. PRODUCTS REQUIRING ELECTRICAL CONNECTION: LISTED AND CLASSIFIED BY UL OR BY SEALANT MANUFACTURER BASED ON FIELD EXPERIENCE AND LABORATORY RE-RESISTANCE RATING REQUIRED. EMS ARE TO BE BUILT INTO EXTERIOR WALLS, HOT-DIP GALVANIZE IN COMPLIANC TESTING FIRM ACCEPTABLE TO AUTHORITY HAVING JURISDICTION. COMPOUND, RECOMMENDED BY THE METAL MANUFACTURER FOR INSPECTING AGENCY. A QUALIFIED TESTING AND INSPECTING AGENCY IS WITH ASTM A 153, CLASS C OR D AS APPLICABLE. G. CONCRETE AND MASONRY INSERTS: CAST IRON, MALLEABLE IRON, OR HOT-DIP INSTALL SEALANTS BY PROVEN TECHNIQUES THAT RESULT IN SEALANTS UI WAMOCK HERSEY OR ANOTHER AGENCY PERFORMING TESTING AND EXTERIOR/INTERIOR NON-MOVING JOINTS INCLUDING RIVETED JOINTS. HANDLES: STAINLESS STEEL, MANUFACTURER'S STANDARD PROFILE AND GALVANIZED STEEL INSERTS COMPLYING WITH ASTM A 123 (WHERE APPLICABLE). B. CYLINDRICAL SEALANT BACKINGS: ASTM C 1330, TYPE C (CLOSED-CELL MATERIAL F. SHOP APPLIED PAINT: APPLY AFTER FABRICATION. PRIMER RUST-INHIBITIVE ENAME DIRECTLY CONTACTING AND FULLY WETTING JOINT SUBSTRATES, COMPLETELY G. ADHESIVE: TYPE RECOMMENDED BY FLASHING SHEET MANUFACTURER FOR WITH A SURFACE SKIN) OR ANY TYPE. AS APPROVED IN WRITING BY OR PAINT, EITHER AIR-DRYING OR BAKING, SUITABLE AS A BASE FOR SPECIFIED FINISH COMPRESSION WEATHER-STRIPPING: MANUFACTURER'S STANDARD REPLACEABLE A. MANUFACTURER: EASISERV CORPORATION, (604) 422-8611 ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. JOINT-SEALANT MANUFACTURER FOR JOINT APPLICATION INDICATED, AND OF WEATHERPROOF/WEATHER-RESISTANT SEAMING AND ADHESIVE APPLICATION PAINTS COMPLYING WITH ANSI A224.1. "TEST PROCEDURE AND ACCEPTANCE CRITERIA COMPRESSIBLE WEATHER-STRIPPING GASKETS OF MOLDED NEOPRENE COMPLYING UNIFORM, CROSS-SECTIONAL SHAPES AND DEPTHS RELATIVE TO JOINT WIDTH 2.8 SHOP FINISHING B. INSTALLER: COMPANY SPECIALIZING IN INSTALLATION OF WINDOW SYSTEMS SPECIFIED FOR FLASHING SHEET. THROUGH-PENETRATION FIRESTOP SYSTEMS ARE IDENTICAL TO THOSE HAT OPTIMUM SEALANT MOVEMENT CAPABILITY. INSTALL SEALANTS AT THE SIZE AND DENSITY TO CONTROL SEALANT DEPTH AND OTHERWISE CONTRIBUTE WITH ASTM D 2000 OR MOLDED PVC COMPLYING WITH ASTM D 2287. FOR PRIME PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES! FESTED PER ASTM E 814 UNDER CONDITIONS WHERE POSITIVE FURNAC TO PRODUCING OPTIMUM SEALANT PERFORMANCE. A. ALUMINIUM FINISHES WITH MINIMUM THREE YEARS DOCUMENTED EXPERIENC SAME TIME JOINT FILLERS ARE INSTALLED. H. PAPER SLIP SHEET: 5-LB. ROSIN - SIZED BUILDING PAPER. G. ALL STEEL PRODUCTS SHALL BE FABRICATED UTILIZING ONLY DOMESTICALLY 2.3 ALUMINUM FINISHES PRESSURE DIFFERENTIAL OF AT LEAST 0.01 INCH OF WATER IS MAINTAINED BRONZE ANODIZED ALLIMINIUM SURFACES: AA-M10C22A33 BOND-BREAKER TAPE: POLYETHYLENE TAPE OR OTHER PLASTIC TAPE AS POLYETHYLENE UNDERLAYMENT: MINIMUM 6 MIL CARBONATED POLYETHYLENE NON-SPECULAR AS FABRICATED MECHANICAL FINISH, MEDIUM MATTE A. FRAME AND DOOR FINISHES SHALL BE: BLACK ANODIZED (CLASS I, .7 MILS MINIMUM) RECOMMENDED BY SEALANT MANUFACTURER FOR PREVENTING SEALANT FROM A DISTANCE OF 0.78 INCH BELOW THE FILL MATERIALS SURROUNDING THE A. ORDERING: TO AVOID CONSTRUCTION
DELAYS COMPLY WITH ORDERING INSTRUCTIONS FILM; RESISTANT TO DECAY WHEN TESTED IN ACCORDANCE WITH ASTM E154. A. CLEAN OFF EXCESS FILL MATERIALS AND SEALANTS ADJACENT TO OPENINGS CHEMICAL FINISH, AND ARCHITECTURAL CLASS II 0.7 MILS (0.018 MM) ADHERING TO RIGID, INFLEXIBLE JOINT FILLER MATERIALS OR JOINT SURFACES PENETRATING ITEMS IN THE TEST ASSEMBLY. PROVIDE RATED SYSTEMS AND LEAD TIME REQUIREMENTS AS SET BY WINDOW SYSTEM MANUFACTURER AND JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANI AT BACK OF JOINT WHERE SUCH ADHESION WOULD RESULT IN SEALANT FAILURE CLEAR ANODIZED COATING. REGLETS: METAL UNITS OF TYPE AND PROFILE INDICATED, COMPATIBLE WITH COMPLYING WITH THE FOLLOWING REQUIREMENTS: A. PROVIDE METAL FRAMES FOR DOORS OF TYPES AND STYLES AS SHOWN ON 2.4 HARDWARE MATERIALS APPROVED BY MANUFACTURERS OF FIRESTOPPING PRODUCTS AND B. PACK WINDOW UNITS AND ACCESSORIES IN MANUFACTURER'S STANDARD SHIPPING PROVIDE SELF-ADHESIVE TAPE WHERE APPLICABLE. FLASHING INDICATED, NON-CORROSIVE DRAWINGS AND SCHEDULES. CONCEAL FASTENINGS, UNLESS OTHERWISE INDICATED. CONFORM TO AAMA 611 THROUGH-PENETRATION FIRESTOP SYSTEM PRODUCTS BEAR OF PRODUCTS IN WHICH OPENING AND JOINTS OCCUR. A PROVIDE HEAVY-DUTY HARDWARE UNITS AS INDICATED, SCHEDULED, OR REQUIRED CONTAINERS AND PROTECTIVE PACKAGING. DELIVER UNITS IN MANUFACTURER'S FABRICATE FRAMES OF MINIMUM 18-GAGE COLD-ROLLED STEEL MISCELLANEOUS MATERIALS K METAL ACCESSORIES: PROVIDE SHEET METAL CLIPS STRAPS ANCHORING CONCEALED STEEL ITEMS: GALVANIZED IN ACCORDANCE WITH ASTM A123 TO CLASSIFICATION MARKING OF QUALIFIED TESTING AND INSPECTING FOR OPERATION OF EACH DOOR, PROVIDE ITEMS OF SIZES, NUMBER, QUANTITY AND ORIGINAL PACKAGING AND UNOPENED CONTAINERS WITH IDENTIFICATION LABELS PROTECT FIRESTOPPING DURING AND AFTER CURING PERIOD FROM CONTACT DEVICES, AND SIMILAR ACCESSORY UNITS AS REQUIRED FOR INSTALLATION OF PRIMER: MATERIAL RECOMMENDED BY JOINT SEALANT MANUFACTURER WHERE TYPE RECOMMENDED BY MANUFACTURER FOR SERVICE REQUIRED: FINISH TO MATCH THICKNESS GRADE 85, 2.0 OZ/SQ FT (610 GM/SQ M). FABRICATE FRAMES WITH MITERED OR COPED CORNERS, WELDED VITH CONTAMINATING SUBSTANCES OR FROM DAMAGE RESULTING FROM WORK, MATCHING OR COMPATIBLE WITH MATERIAL BEING INSTALLED. CONSTRUCTION. DOOR. SUBMIT SHOP DRAWINGS WITH STANDARD HARDWARE COMPONENTS AND REQUIRED FOR ADHESION OF SEALANT TO JOINT SUBSTRATES INDICATED, AS THROUGH-PENETRATION FIRESTOP SYSTEMS CORRESPOND TO CONSTRUCTION OPERATIONS OR OTHER CAUSES SO THAT THEY ARE WITHOUT STAINLESS STEEL: 304 STAINLESS STEEL WITH NAAMM NO. 3 FINISH. STORE WINDOW UNITS AND ACCESSORIES ON RAISED BLOCKS TO PREVENT MOISTURE PROVISIONS FOR SPECIAL SECURITY HARDWARE COMPONENT. FOUR (4) SETS OF KEYS NON-CORROSIVE, SIZE, AND GAUGE REQUIRED FOR PERFORMANCE. DETERMINED FROM PRECONSTRUCTION JOINT SEALANT-SUBSTRATE TESTS AND ETERIORATION OR DAMAGE AT TIME OF CONTRACT COMPLETION. IF, DESPITE FORM EXTERIOR FRAMES FROM 18-GAGE GALVANIZED STEEL THOSE INDICATED BY REFERENCE TO THROUGH-PENETRATION DAMAGE PROTECTED FROM EXPOSURE TO WEATHER AND VANDALISM. APPLY BITUMINOUS PAINT TO CONCEALED METAL SURFACES IN CONTACT WITH FOR HOLD OPEN DEVICES ARE REQUIRED WITH HARDWARE PACKAGE. ELASTIC FLASHING FILLER: CLOSED CELL POLYETHYLENE OR OTHER SOFT CELL SUCH PROTECTION, DAMAGE OR DETERIORATION OCCURS, CUT OUT AND 1.8 FIELD MEASUREMENTS MECHANICAL INTERLOCK NOT ACCEPTED. CEMENTITIOUS OR DISSIMILAR MATERIALS. SYSTEM DESIGNATIONS LISTED BY UL IN THEIR "FIRE RESISTANCE B. CLEANERS FOR NONPOROUS SURFACES: CHEMICAL CLEANERS ACCEPTABLE TO SEE DOOR HARDWARE SCHEDULE. UNDER FLASHING LOOPS TO ENSURE MOVEMENT WITH MINIMUM STRESS ON NEW MATERIALS TO PRODUCE FIRESTOPPING COMPLYING WITH SPECIFIED DIRECTORY," BY WAMOCK HERSEY MANUFACTURERS OF SEALANTS AND SEALANT BACKING MATERIALS. FREE OF REFER TO DOOR SCHEDULE. A. VERIFY FIELD MEASUREMENTS PRIOR TO FABRICATION AND RECORD ON SHOP TOUCH-UP PRIMER FOR GALVANIZED STEEL SURFACES: SSPC PAINT 20 ZINC 2.5 COMPONENTS OILY RESIDUES OR OTHER SUBSTANCES CAPABLE OF STAINING OR HARMING IN DRAWINGS. FIRE-RESISTIVE JOINT SEALANT SYSTEMS ARE IDENTICAL TO THOSE B. DOOR SILENCERS: EXCEPT ON WEATHERSTRIPPED FRAMES, DRILL STOPS TO RECEIVE ANY WAY JOINT SUBSTRATES AND ADJACENT NONPOROUS SURFACES, AND B. STOREFRONT FRAMING SYSTEM: PROVIDE STOREFRONT AND ENTRANCE FRAMING M. ROOFING CEMENT: ASTM D2822, ASPHALTIC. 3 SILENCERS ON STRIKE JAMBS OF SINGLE-DOOR FRAMES AND 2 SILENCERS ON F. EXTENT OF FINISI ITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE 1.9 COORDINATION FORMULATED TO PROMOTE OPTIMUM ADHESION OF SEALANTS WITH JOINT YSTEMS FABRICATED FROM EXTRUDED ALUMINUM MEMBERS OF SIZE AND PROFILE FOR FIRE-RESPONSE CHARACTERISTICS PER ASTM E 119 UNDER END OF SECTION 07 84 00 HEADS OF DOUBLE-DOOR FRAMES. REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR FABRICATED UNITS INDICATED. INCLUDE SUBFRAMES AND OTHER REINFORCING MEMBERS AS REQUIRED APPLY FACTORY COATING TO ALL SURFACES EXPOSED AT COMPLETED COORDINATE WORK WITH ADJACENT MATERIALS SPECIFIED IN OTHER SECTIONS AND AS CONDITIONS WHERE THE POSITIVE FURNACE PRESSURE DIFFERENTIAL IS RANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR 2.4 DOORS (AS APPLICABLE) A. GENERAL METAL FABRICATION: COMPLY WITH DETAILS SHOWN AND WITH ASSEMBLIES. WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN, COPYRIGHT C. MASKING TAPE: NONSTAINING, NONABSORBENT MATERIAL COMPATIBLE WITH JOINT SEALANTS SECTION 07 92 00 APPLICABLE REQUIREMENTS OF SMACNA "ARCHITECTURAL SHEET METAL INCH OF WATER. AS MEASURED 0.78 INCH FROM THE FACE EXPOSED TO JOINT SEALANTS AND SURFACES ADJACENT TO JOINTS. ENTRANCE DOOR FRAMES: PROVIDE TUBULAR AND CHANNEL FRAME ENTRANCE DOOR NFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL ANI A EXTERIOR DOORS: 1-3/4" THICK FLUSH TYPE ANSI/SDI-100 GRADE III HEAVY-DUTY COORDINATE INSTALLATION OF ANCHORAGES FOR SECURITY WINDOWS. FURNISH APPLY FINISH TO SURFACES CUT DURING FABRICATION SO THAT NO MANUAL" AND OTHER RECOGNIZED INDUSTRY PRACTICES. FABRICATE FURNACE FIRE. PROVIDE SYSTEMS COMPLYING WITH THE FOLLOWING FRAME ASSEMBLIES, AS INDICATED, WITH WELDED OR MECHANICAL JOINTS IN NATURAL ALUMINUM IS VISIBLE IN COMPLETED ASSEMBLIES, INCLUDING MODEL 4, MINIMUM 18-GAGE GALVANIZED STEEL FACES WITH POLYSTYRENE CORE SETTING DRAWINGS. TEMPLATES. AND DIRECTIONS FOR INSTALLING ANCHORAGES. PART 3 - EXECUTION PART 1 - GENERAL WATERPROOF AND WEATHER RESISTANT PERFORMANCE: WITH EXPANSION REQUIREMENTS: ACCORDANCE WITH MANUFACTURER'S STANDARDS. REINFORCE AS NECESSARY TO INSULATION, ETC. AND MANUFACTURED AS FRAMES ABOVE. REFER TO DOOR JDING SLEEVES, CONCRETE INSERTS, ANCHOR BOLTS, AND ITEMS WITH INTEGRAL JOINT EDGES. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROVISIONS FOR RUNNING WORK, SUFFICIENT TO PERMANENTLY PREVEN SUPPORT REQUIRED LOADS. a. FIRE-RESISTANCE RATINGS OF JOINT SEALANTS: AS INDICATED BY ANCHORS, THAT ARE TO BE EMBEDDED IN CONCRETE OR MASONRY. DELIVER SUCH RELATED DOCUMENTS 3.1 EXAMINATION APPLY TOUCH-UP MATERIALS RECOMMENDED BY COATING MANUFACTURER FOR FIELD APPLICATION TO CUT ENDS AND MINOR PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIAN LEAKAGE, DAMAGE, OR DETERIORATION OF THE WORK, FORM WORK TO ITEMS TO PROJECT SITE IN TIME FOR INSTALLATION. REFERENCE TO DESIGN DESIGNATIONS LISTED BY UL IN THEIR "FIRE KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK, THESE DRAWING 2.6 FABRICATION SUBSTRATES. COMPLY WITH MATERIAL MANUFACTURER'S INSTRUCTIONS AN A. EXAMINE JOINTS INDICATED TO RECEIVE JOINT SEALANTS, WITH INSTALLER PART 3 - EXECUTION DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. RESISTANCE DIRECTORY" OR BY ANOTHER QUALIFIED TESTING AND RECOMMENDATIONS FOR FORMING MATERIAL. FORM EXPOSED SHEET METAL DAMAGE TO FACTORY APPLIED FINISH. PRESENT. FOR COMPLIANCE WITH REQUIREMENTS FOR JOINT CONFIGURATION. A. GENERAL: FABRICATE ALUMINUM ENTRANCE AND STOREFRONT COMPONENTS TO INSPECTING AGENCY. POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION" WORK WITHOUT EXCESSIVE OIL-CANNING, BUCKLING OR TOOL MARKS, TRUE TO DESIGNS, SIZES AND THICKNESSES INDICATED AND TO COMPLY WITH INDICATED FURNISH MANUFACTURER'S STANDARD WARRANTY DOCUMENT, EXECUTED BY AN LINE AND LEVELS INDICATED WITH ALL EXPOSED EDGES FOLDED BACK TO FORM JOINT SEALANTS, INCLUDING BACKING MATERIALS, BEAR PERFORMANCE. DO NOT PROCEED WITH INSTALLATION OF JOINT SEALANTS STANDARDS. SIZES AND PROFILE REQUIREMENTS ARE INDICATED ON THE DRAWINGS. INSTALLER QUALIFICATIONS: ENGAGE AN EXPERIENCED INSTALLER WHO HAS GENERAL: INSTALL STANDARD STEEL FRAMES AND ACCESSORIES IN ACCORDANC AUTHORIZED QUIKSERV CORP. OFFICER IN WHICH MANUFACTURER AGREES TO REPAIR SEAMS AND SOLDER. ASSIFICATION MARKING OF QUALIFIED TESTING AND INSPECTION COMPLETED JOINT SEALANT APPLICATIONS SIMILAR IN MATERIAL, DESIGN, AND WITH FINAL SHOP DRAWINGS, MANUFACTURERS DATA, AND AS HEREIN SPECIFIED. VARIABLE DIMENSIONS ARE INDICATED. WITH MAXIMUM AND MINIMUM DIMENSIONS OR REPLACE WINDOWS, DRAWERS AND AIR CURTAINS THAT FAIL IN MATERIALS OR REQUIRED. TO ACHIEVE DESIGN REQUIREMENTS AND COORDINATION WITH OTHER B. SEAMS: FABRICATE NON-MOVING SEAMS IN SHEET METAL WITH FLAT-LOCK EXTENT TO THAT INDICATED FOR PROJECT THAT HAVE RESULTED IN WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD. THIS WARRANTY IS IN ADDITION VERIFY CONSTRUCTION IS READY TO RECEIVE PRODUCTS SPECIFIED IN THIS B. PLACING FRAMES: COMPLY WITH PROVISIONS OF SDI-105 "RECOMMENDED ERECTION CONSTRUCTION WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE. SEAMS. TIN EDGES TO BE SEAMED, FORM SEAMS, AND SOLDER TO, AND NOT A LIMITATION OF OTHER RIGHTS OWNER HAS UNDER THE CONTRACT. B. INSTALLER QUALIFICATIONS: ENGAGE AN EXPERIENCED INSTALLER WHO HAS INSTRUCTIONS FOR STEEL FRAMES," UNLESS OTHERWISE INDICATED. SURFACE CLEANING OF JOINTS: CLEAN OUT JOINTS IMMEDIATELY BEFORE COMPLETED FIRESTOPPING THAT IS SIMILAR IN MATERIAL, DESIGN, AND EXTENT SINGLE SOURCE RESPONSIBILITY FOR JOINT SEALANT MATERIALS: OBTAIN JOINT B. PREFABRICATION: COMPLETE FABRICATION, ASSEMBLY, FINISHING, HARDWARE EXPANSION
PROVISIONS: WHERE LAPPED OR BAYONET-TYPE EXPANSION INSTALLING JOINT SEALANTS TO COMPLY WITH RECOMMENDATIONS OF JOINT B. VERIFY ROUGH OPENINGS ARE CORRECT SIZE AND IN CORRECT LOCATION. 3.2 ADJUST AND CLEAN TO THAT INDICATED FOR PROJECT AND THAT HAS PERFORMED SUCCESSFULLY APPLICATION, AND OTHER WORK TO THE GREATEST EXTENT POSSIBLE BEFORE SEALANT MATERIALS FROM A SINGLE MANUFACTURER FOR EACH DIFFERENT PROVISIONS IN WORK CANNOT BE USED. OR WOULD NOT BE SUFFICIENTLY SEALANT MANUFACTURER. a. ONE YEAR PARTS AND LABOR FROM DATE OF INSTALLATION. PRODUCT REQUIRED. A PRIME COAT TOUCH-UP: IMMEDIATELY AFTER ERECTION, SAND SMOOTH ANY RUSTED SHIPMENT TO THE PROJECT SITE. DISASSEMBLY COMPONENTS ONLY AS NECESSARY $\,$ EXAMINE ROUGHING-IN FOR EMBEDDED AND BUILT-IN ANCHORS TO VERIFY SINGLE-SOURCE RESPONSIBILITY: OBTAIN THROUGH-PENETRATION FIRESTOP FOR SHIPMENT AND INSTALLATION. INSTALLATION OF JOINT SEALANTS FLANGES, NOT LESS THAN 1 INCH DEEP, FILLED WITH MASTIC SEALANT SYSTEMS FOR EACH KIND OF PENETRATION AND CONSTRUCTION CONDITION OR DAMAGED AREAS OF PRIME COAT AND APPLY TOUCH-UP OF COMPATIBLE ACTUAL LOCATIONS OF SECURITY WINDOW CONNECTIONS BEFORE SECURITY 2. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: PRODUCT TESTING: PROVIDE COMPREHENSIVE TEST DATA FOR EACH TYPE OF WINDOW INSTALLATION. INDICATED FROM A SINGLE MANUFACTURER. GENERAL: COMPLY WITH JOINT SEALANT MANUFACTURER'S PRINTED AIR-DRYING PRIMER. JOINT SEALANT BASED ON TESTS CONDUCTED BY A QUALIFIED INDEPENDENT 1. PERFORM FABRICATION OPERATIONS, INCLUDING CUTTING, FITTING, FORMING, a. DETERIORATION OF METALS, METAL FINISHES, AND OTHER MATERIALS NSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS SEALANT JOINTS: WHERE MOVABLE, NON-EXPANSION TYPE JOINTS ARI ESTING LABORATORY ON CURRENT PRODUCT FORMULATIONS WITHIN A DRILLING AND GRINDING OF METAL WORK TO PREVENT DAMAGE TO EXPOSE INSPECT BUILT-IN AND CAST-IN ANCHOR INSTALLATIONS. BEFORE INSTALLING B. PROTECTION REMOVAL: IMMEDIATELY PRIOR TO FINAL INSPECTION, REMOVI PROVIDE FIRESTOPPING PRODUCTS CONTAINING NO DETECTABLE ASBESTOS AS BEYOND NORMAL WEATHERING AND USE. FINISH SURFACES. COMPLETE THESE OPERATIONS FOR HARDWARE PRIOR TO ECURITY WINDOWS, TO VERIFY THAT ANCHOR INSTALLATIONS COMPLY WITH INDICATED OR REQUIRED FOR PROPER PERFORMANCE OF WORK, FORM METAL INDICATED, EXCEPT WHERE MORE STRINGENT REQUIREMENTS APPLY. DETERMINED BY THE METHOD SPECIFIED IN 40 CFR PART 763, SUBPART F, 24-MONTH PERIOD PRECEDING DATE OF CONTRACTOR'S SUBMITTAL OF TEST PROTECTIVE PLASTIC WRAPPINGS FROM PREFINISHED DOORS REQUIREMENTS PREPARE INSPECTION REPORTS TO PROVIDE FOR PROPER INSTALLATION OF ELASTOMERIC SEALANT, IN b. STRUCTURAL FAILURES INCLUDING DEFLECTIONS EXCEEDING 1/4 INCH. B. SEALANT INSTALLATION STANDARD: COMPLY WITH RECOMMENDATIONS OF C. FINAL ADJUSTMENTS: CHECK AND READJUST OPERATING HARDWARE ITEMS, LEAVING 15704 COMPLIANCE WITH SMACNA STANDARDS. A SECTION 1 "POLARIZED LIGHT MICROSCOPY ASTMC 1193 FOR USE OF JOINT SEALANTS AS APPLICABLE TO MATERIALS, 2. PREGLAZE DOOR AND FRAME UNITS TO GREATEST EXTENT POSSIBLE. TEST ELASTOMERIC SEALANTS FOR COMPLIANCE WITH REQUIREMENTS c. FAILURE OF WELDS REMOVE AND REPLACE ANCHORS WHERE INSPECTIONS INDICATE THAT STEEL DOORS AND FRAMES LINDAMAGED AND IN COMPLETE AND PROPER OPERATING SEPARATIONS: PROVIDE FOR SEPARATION OF METAL FROM NONCOMPATIBLE SPECIFIED BY REFERENCE TO ASTM C 920. INCLUDE TEST RESULTS FOR APPLICATIONS, AND CONDITIONS INDICATED. THEY DO NOT COMPLY WITH SPECIFIED REQUIREMENTS. REINSPECT 1.3 DELIVERY, STORAGE AND HANDLING C. WELDING: COMPLY WITH AWS RECOMMENDATIONS. GRIND EXPOSED WELDS SMOOTH d. EXCESSIVE AIR LEAKAGE. IARDNESS; STAIN RESISTANCE, ADHESION AND COHESION UNDER CYCLIC AFTER REPAIRS OR REPLACEMENTS ARE MADE. METAL OR CORROSIVE SUBSTRATE BY COATING CONCEALED SURFACES AT TO REMOVE WELD SPATTER AND WELDING OXIDES. RESTORE MECHANICAL FINISH. A DELIVER EIRESTOPPING PRODUCTS TO PROJECT SITE IN ORIGINAL LINOPENED. OVEMENT (PER ASTM C 719) I OW-TEMPERATURE FLEXIBILITY AND PERFORM ADDITIONAL INSPECTIONS TO DETERMINE COMPLIANCE O CARO CONTAINERS OR PACKAGES WITH INTACT AND LEGIBLE MANUFACTURERS' LABELS CLEAN OFF EXCESS SEALANTS OR SEALANT SMEARS ADJACENT TO JOINTS AS SEPARATION AS RECOMMENDED BY THE MANUFACTURER/FABRICATOR. D. REINFORCING: INSTALL REINFORCING AS REQUIRED FOR HARDWARE AND AS END OF SECTION 08 11 00 f. FAULTY OPERATION OF TRANSACTION DRAWERS REPLACED OR ADDITIONAL WORK. PREPARE ANCHOR INSPECTION DENTIFYING PRODUCT AND MANUFACTURER; DATE OF MANUFACTURE; LOT AGING, AND EFFECTS OF ACCELERATED WEATHERING PART 3 - EXECUTION IUMBER; SHELF LIFE, IF APPLICABLE; QUALIFIED TESTING AND INSPECTIN BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS g. FAULTY OPERATION OF AIR CURTAINS. INCLUDES TEST RESULTS PERFORMED ON JOINT SEALANTS AFTER THEY E. DISSIMILAR METALS: SEPARATE DISSIMILAR METALS WITH BITUMINOUS PAINT, OR A AGENCY'S CLASSIFICATION MARKING APPLICABLE TO PROJECT: CURING TIME: FOR GLAZING MATERIALS WHOSE ORIENTATION IS CRITICAL FOR HAVE CURED FOR 1 YEAR. ND MIXING INSTRUCTIONS FOR MULTICOMPONENT MATERIALS. SUITABLE SEALANT. OR A NON-ABSORPTIVE PLASTIC OR ELASTOMERIC TAPE. OR A PERFORMANCE, VERIFY INSTALLATION ORIENTATION. **SECTION 08 41 13** GASKET BETWEEN THE SURFACES. DO NOT USE COATINGS CONTAINING LEAD. ALUMINUM ENTRANCES AND GENERAL: UNLESS OTHERWISE INDICATED, COMPLY WITH THE MANUFACTURER'S PRECONSTRUCTION FIELD TESTING: PRIOR TO INSTALLATION OF JOIN STORE AND HANDLE FIRESTOPPING MATERIALS TO PREVENT THEIR PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS INSTRUCTIONS AND RECOMMENDATIONS, AND WITH SMACNA "ARCHITECTURAL SEALANTS, FIELD-TEST THEIR ADHESION TO JOINT SUBSTRATES AS FOLLOWS: CONTINUITY: MAINTAIN ACCURATE RELATION OF PLANES AND ANGLE WITH 9.14.2023 END OF SECTION 07 92 00 DETERIORATION STOREFRONT WINDOWS LOCATE TEST JOINTS WHERE INDICATED OR, IF NOT INDICATED, AS DIRECTED BY SHEET METAL MANUAL". ANCHOR UNITS OF WORK SECURELY IN PLACE BY WEATHERPROOF HAIRLINE FIT OF CONTACTING MEMBERS. LINIFORMITY OF METAL OR DAMAGE DUE TO MOISTURE, TEMPERATURE CHANGES, CONTAMINANTS, OR A. ALUMINUM EXTRUSIONS: ASTM B221/B221M. PROVIDE ALLOY AND TEMPER METHODS INDICATED. PROVIDING FOR THERMAL EXPANSION OF METAL UNITS ASSOCIATE. CONDUCT FIELD TESTS FOR EACH APPLICATION INDICATED FOR FINISH: ABUTTING EXTRUDED ALUMINUM MEMBERS SHALL NOT HAVE AN INTEGRAL RECOMMENDED BY MANUFACTURER FOR STRENGTH, CORROSION RESISTANCE, AND OTHER CAUSES. PART 1 - GENERAL CONCEAL FASTENERS WHERE POSSIBLE SET UNITS TRUE TO LINE AND LEVEL AS COLOR TEXTURE VARIATION GREATER THAN HALF THE RANGE INDICATED IN THE SAMPLE EACH TYPE OF ELASTOMERIC SEALANT AND JOINT SUBSTRATE INDICATED. APPLICATION OF REQUIRED FINISH, BUT NOT LESS THAN 22,000-PSI (150-MPA) ULTIMATE INDICTED. INSTALL WORK WITH LAPS, JOINTS, AND SEAMS TO BE PERMANENTLY 1.4 PROJECT CONDITIONS FURNISH FRAMES AND ANCHORS TO OTHER SECTIONS AS REQUIRED FOR TENSILE STRENGTH AND NOT LESS THAN 0.125 INCH (3.2 MM) THICK AT ANY LOCATION DELIVERY, STORAGE AND HANDLING 1.1 RELATED DOCUMENTS INSTALLATION IN SURROUNDING PARTITION AND CASEWORK CONSTRUCTION ENVIRONMENTAL CONDITIONS: DO NOT INSTALL FIRESTOPPING WHEN AMBIENT G. FASTENERS: CONCEAL FASTENERS WHEREVER POSSIBLE. AND WEATHERPROOF. DELIVER MATERIALS TO PROJECT SITE IN ORIGINAL UNOPENED CONTAINERS OR A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. OR SUBSTRATE TEMPERATURES ARE OUTSIDE LIMITS PERMITTED BY B. STEEL PLATES, SHAPES, AND BARS: ASTM A36/A36 FIRESTOPPING MANUFACTURERS OR WHEN SUBSTRATES ARE WET DUE TO RAIN UNDERLAYMENT: WHERE STAINLESS STEEL OR ALUMINUM IS TO BE INSTALLED PART 3 - EXECUTION A. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. DESIGNATION, COLOR, EXPIRATION PERIOD FOR USE, POT LIFE, CURING TIME C. METALLIC-COATED STEEL SHEET DIRECTLY ON CEMENT OR WOOD SUBSTRATES, INSTALL A SLIP SHEET OF RED FROST, CONDENSATION, OR OTHER CAUSES. **DIMENSION** INSTALLER QUALIFICATIONS: ENGAGE AN EXPERIENCED INSTALLER WITH NOT LESS ROSIN PAPER AND A COURSE OF POLYETHYLENE UNDERLAYMEN ALIGN PRODUCTS PLUMB, LEVEL AND SQUARE ASTM A653/A653M, CS (COMMERCIAL STEEL), TYPE B; WITH G90 (Z275)ZINC VENTILATION: VENTILATE FIRESTOPPING PER FIRESTOPPING MANUFACTURERS THAN 5 YEARS SUCCESSFUL EXPERIENCE WHO HAS COMPLETED INSTALLATIONS O STORE AND HANDLE MATERIALS IN COMPLIANCE WITH MANUFACTURER'S BED FLANGES OF WORK IN A THICK COAT OF BITUMINOUS ROOFING CEMENT INSTRUCTIONS BY NATURAL MEANS OR, WHERE THIS IS INADEQUATE, FORCED A. EXAMINE SUBSTRATES AND SUPPORTS, WITH THE INSTALLER PRESENT, FOR (GALVANIZED) COATING DESIGNATION RIGIDLY SECURE PRODUCTS TO ADJACENT SUPPORTING CONSTRUCTION ALUMINUM STOREFRONT AND ENTRANCES SIMILAR IN DESIGN AND EXTENT TO THOS RECOMMENDATIONS TO PREVENT THEIR DETERIORATION OR DAMAGE DUE TO COMPLIANCE WITH REQUIREMENTS INDICATED. INSTALLATION TOLERANCES, AND OTHER WHERE REQUIRED FOR WATERPROOF PERFORMANCE. AIR CIRCULATION. 2. AMS5511, STEEL, CORROSION-RESISTANT, SHEET, STRIP, AND PLATE, 19CR - 9.5NI MOISTURE, HIGH OR LOW TEMPERATURES, CONTAMINANTS, OR OTHER CAUSES. GLAZE WINDOWS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. CONDITIONS THAT AFFECT INSTALLATION OF ALUMINUM ENTRANCES AND WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE. (304L), SOLUTION HEAT TREATED. INSTALL REGIETS TO RECEIVE COUNTERELASHING IN A MANNER AND BY FIRESTOPPING, GENERAL STOREFRONTS. CORRECT UNSATISFACTORY CONDITIONS BEFORE PROCEEDING WITH SEAL PERIMETER JOINTS. ARCHITECTURE • CIVIL ENGINEERING • MEP ENGINEERING METHODS INDICATED. WHERE SHOWN IN CONCRETE, FURNISH REGLETS TO B. FABRICATOR QUALIFICATIONS: PROVIDE ALUMINUM ENTRANCES AND STOREFRON AMS5513, STEEL, CORROSION-RESISTANT, SHEET, STRIP, AND PLATE 19CR 9.2NI COMPATIBILITY: PROVIDE FIRESTOPPING COMPOSED OF COMPONENTS THAT ARE THE INSTALLATION. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY TRADES OF CONCRETE WORK FOR INSTALLATIONS WORK OF DIVISION 3. WHERE SPECIAL INSTALLER'S WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH SYSTEMS FABRICATED BY A FIRM
EXPERIENCED IN PRODUCING SYSTEMS THAT AR CONNECT ELECTRICAL COMPONENTS TO POWER SOURCE. CONDITIONS ARE CORRECTED. (SAE 30304) SOLUTION HEAT TREATED. 755 SANDHILL ROAD, DALLAS, TEXAS 75238 SHOWN IN MASONRY, FURNISH REGLETS TO TRADES OF MASONRY WORK, FOR SIMILAR TO THOSE INDICATED FOR THIS PROJECT, AND THAT HAVE A RECORD OF INSTALLER AGREES TO REPAIR OR REPLACE JOINT SEALANTS THAT DO NOT ITEMS. IF ANY, PENETRATING THE FIRESTOPPING UNDER CONDITIONS OF SERVICE TEL: 214-343-9400 <u>www.dimensiongrp.com</u> COMPLY WITH PERFORMANCE AND OTHER REQUIREMENTS SPECIFIED IN THIS SUCCESSFUL IN-SERVICE PERFORMANCE. THE FABRICATOR SHALL HAVE SUFFICIEN PROTECTION: WHERE DISSIMILAR METALS WILL CONTACT EACH OTHER. INSTALLATION AS WORK OF DIVISION 4. B. VERIFY ALL MEASUREMENTS/OPENINGS BY FIELD MEASUREMENTS BEFOR D. STAINLESS STEEL SHEET, STRIP, PLATE, AND FLAT BARS FABRICATION. COORDINATE W/ FABRICATION SCHEDULE AND CONSTRUCTION PRODUCTION CAPACITY TO PRODUCE COMPONENTS REQUIRED WITHOUT CAUSING SECTION WITHIN SPECIFIED WARRANTY PERIOD 1. ASTM A666, AUSTENITIC STAINLESS STEEL, TYPE 304, STRETCHER- LEVELED 1 INSTALL COUNTERELASHING IN REGLETS FITHER BY SNAP-IN SEAL ON TESTING AND FIELD EXPERIENCE PRIMER OR BY APPLYING SEALANT OR TAPE RECOMMENDED IN WRITING BY DELAY IN PROGRESS OF THE WORK. PROGRESS TO AVOID CONSTRUCTION DELAYS. ARRANGEMENT, OR BY WELDING IN PLACE OF ANCHORAGE AND FILLIN WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL STANDARD OF FLATNESS. MANUFACTURER FOR THIS PURPOSE. WHERE ALUMINUM WILL CONTACT ACCESSORIES: PROVIDE COMPONENTS FOR EACH FIRESTOPPING SYSTEM THAT REGLET WITH MASTIC OR ELASTOMERIC SEALANT. AS INDICATED AND C. SINGLE SOURCE RESPONSIBILITY: OBTAIN ALUMINUM ENTRANCE, OPERATING COMPLETION. CONCRETE OR MASONRY, PROTECT AGAINST CORROSION BY PAINTING ARE NEEDED TO INSTALL FILL MATERIALS AND TO COMPLY WITH "SYSTEM ASME SA-240/SA-240M, CHROMIUM AND CHROMIUM-NICKEL STAINLESS STEEL PLATE, DEPENDING ON DEGREE OF SEALANT EXPOSURE HARDWARE, AND STOREFRONT SYSTEMS FROM ONE SOURCE AND FROM A SINGLE CONTACT SURFACES WITH BITUMINOUS PAINT. PERFORMANCE REQUIREMENTS" ARTICLE IN PART 1. USE ONLY COMPONENTS SPECIAL MANUFACTURER'S WARRANTY: MANUFACTURER'S STANDARD FORM IN A. COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR SHEET, AND STRIP FOR GENERAL APPLICATIONS MANUFACTURER, UNLESS NOTED OTHERWISE PECIFIED BY THE FIRESTOPPING MANUFACTURER AND APPROVED BY THE INSTALL ELASTIC FLASHING IN ACCORDANCE WITH MANUFACTURER'S VHICH JOINT-SEALANT MANUFACTURER AGREES TO FURNISH JOINT SEALANTS INSTALLATION. CONCEALED BOLTS: ASTM A307, GRADE A UNLESS OTHERWISE INDICATED RECOMMENDATIONS. WHERE REQUIRED, PROVIDE FOR MOVEMENT AT JOINTS BY QUALIFIED TESTING AND INSPECTING AGENCY FOR THE DESIGNATE D. DESIGN CRITERIA: THE DRAWINGS INDICATE THE SIZE, PROFILE AND DIMENSIONAL TO REPAIR OR REPLACE THOSE THAT DO NOT COMPLY WITH PERFORMANCE AND B. SET UNITS PLUMB. LEVEL. AND TRUE TO LINE. WITHOUT WARP OR RACK OF FRAMING ADJUST HORIZONTAL-SLIDING, TRANSACTION SECURITY WINDOWS TO PROVIDE FIRE-RESISTANCE-RATED SYSTEMS. ACCESSORIES INCLUDE BUT ARE NOT REQUIREMENTS OF ALUMINUM ENTRANCE AND STOREFRONT WORK REQUIRED AND ARE BASED ON THE SPECIFIC TYPES AND MODELS INDICATED. FORMING LOOPS OF BELLOWS IN WIDTH OF FLASHING. LOCATE COVER OR FILLER THER REQUIREMENTS SPECIFIED IN THIS SECTION WITHIN SPECIFIED CAST-IN-PLACE ANCHORS IN CONCRETE: FABRICATED FROM CORROSION-RESISTANT STRIPS AT JOINTS TO FACILITATE COMPLETE DRAINAGE OF WATER FROM LIMITED TO THE FOLLOWING ITEMS A TIGHT FIT AT CONTACT POINTS FOR SMOOTH OPERATION AND A SECURE MATERIALS CAPABLE OF SUSTAINING. WITHOUT FAILURE. A LOAD EQUAL TO FOUR TIMES AND RELATION TO ESTABLISHED LINES AND GRADES INDICATED. PROVIDE PROPER FLASHING. SEAM ADJACENT FLASHING SHEETS WITH ADHESIVE, SEAL AND THE LOAD IMPOSED, AS DETERMINED BY TESTING PER ASTM E488, CONDUCTED BY A 1. PERMANENT FORMING/DAMMING/BACKING MATERIALS INCLUDING THE ANCHOR EDGES IN ACCORDANCE WITH THE MANUFACTURER'S WARRANTY PERIOD: 20 YEARS FROM DATE OF SUBSTANTIAL COMPLETION. E. SYSTEM PERFORMANCE REQUIREMENTS. QUALIFIED TESTING AGENCY. ADJUST TRANSACTION DRAWERS TO PROVIDE A TIGHT FIT AT CONTACT POINTS RECOMMENDATIONS. C. CONSTRUCTION TOLERANCES: INSTALL ALUMINUM ENTRANCE AND STOREFRONT TO SPECIAL WARRANTIES SPECIFIED IN THIS ARTICLE EXCLUDE DETERIORATION OR STRUCTURAL PERFORMANCE: DESIGN, ENGINEER, FABRICATE, AND INSTAL FOR SMOOTH OPERATION AND [WEATHERTIGHT AND] SECURE ENCLOSURE. THREADED OR WEDGE TYPE: GALVANIZED FERROUS CASTINGS, EITHER ASTM SEMIREFRACTORY FIBER (MINERAL WOOL) INSULATION THE GLAZED ALUMINUM CURTAIN WALL SYSTEM TO WITHSTAND THE EFFECTS COMPLY WITH THE FOLLOWING TOLERANCES FAILURE OF JOINT SEALANTS FROM THE FOLLOWING A27/A27M CAST STEEL OR ASTM A47/A47M MALLEABLE IRON. PROVIDE BOLTS, REMOVE AND REPLACE DEFECTIVE WORK. INCLUDING SECURITY WINDOWS OF A WIND LOAD OF SPEED AT HEIGHT OF INSTALLATION AS REQUIRED BY THE b. CERAMIC FIBER VARIATION FROM PLANE: DO NOT EXCEED 1/8 INCH IN 12 FEET OF LENGTH OR 1/4 NASHERS, AND SHIMS AS REQUIRED; HOT-DIP GALVANIZED PER ASTM A153/A153N A. CLEAN EXPOSED METAL SURFACES, REMOVING SUBSTANCES THAT MIGHT CAUSE THAT ARE WARPED, BOWED, OR OTHERWISE UNACCEPTABLE. APPLICABLE BUILDING CODE, WITH NO MATERIAL FAILURES OR PERMANEN OR ERRORS ATTRIBUTABLE TO DESIGN OR CONSTRUCTION RESULTING IN INCH IN ANY TOTAL LENGTH. OR ASTM F2329. CORROSION OF METAL OR DETERIORATION OF FINISHE SEALANTS USED IN COMBINATION WITH OTHER FORMING/DAMMINI DEFORMATION OF STRUCTURAL MEMBERS. TRESSES ON THE SEALANT EXCEEDING SEALANT MANUFACTURER'S MATERIALS TO PREVENT LEAKAGE OF FILL MATERIALS IN LIQUID OFFSET FROM ALIGNMENT: THE MAXIMUM OFFSET FROM TRUE ALIGNMEN EMBEDDED PLATE ANCHORS: FABRICATED FROM STEEL SHAPES AND PLATES, MINIMUN B. ADVISE THE CONTRACTOR OF REQUIRED PROCEDURES FOR SURVEILLANCE AND SECTION 01 70 00 - EXECUTION AND CLOSEOUT REQUIREMENTS (01700 a. STRUCTURAL TEST PRESSURE SHALL BE EQUAL TO 150 PERCENT OF THE VRITTEN SPECIFICATIONS FOR SEALANT ELONGATION AND COMPRESSION. BETWEEN TWO IDENTICAL MEMBERS ABUTTING END TO END INLINE SHALL NOT 3/16 INCH (4.8 MM) THICK; WITH MINIMUM 1/2-INCH- (12.7-MM-) DIAMETER, HEADED STUDS PROTECTION OF FLASHING AND SHEET METAL WORK DURING CONSTRUCTION, TO ENSURE THAT WORK WILL BE WITHOUT DAMAGE OR DETERIORATION, OTHER KECUTION REQUIREMENTS): REQUIREMENTS FOR CLEANIN INWARD AND OUTWARD ACTING DESIGN WIND PRESSURES WELDED TO BACK OF PLATE. DISINTEGRATION OF JOINT SUBSTRATES FROM NATURAL CAUSES EXCEED 1/64 INCH. FIRE-RATED FORMBOARD REMOVE PROTECTIVE MATERIAL FROM FACTORY FINISHED SURFACES THAT NATURAL WEATHERING AT TIME OF SUBSTANTIAL COMPLETION. EXCEEDING DESIGN SPECIFICATIONS H. WELDING RODS AND BARE ELECTRODES: SELECT ACCORDING TO AWS SPECIFICATIONS 3. DIAGONAL MEASUREMENTS: THE MAXIMUM DIFFERENCE IN DIAGONAL e. JOINT FILLERS FOR JOINT SEALANTS MEASUREMENTS SHALL NOT EXCEED 1/16 INCH. WASH SURFACES BY METHOD RECOMMENDED AND ACCEPTABLE TO SEALANT MECHANICAL DAMAGE CAUSED BY INDIVIDUALS, TOOLS, OR OTHER c. ALLOWABLE STRESS WITH A SAFETY FACTOR OF 1.65. END OF SECTION 07 62 00 2.2 MATERIALS FOR THROUGH-PENETRATION FIRESTOP SYSTEMS AND WINDOW MANUFACTURER; RINSE AND WIPE SURFACES CLEAN. BITUMINOUS PAINT: COLD-APPLIED, ASPHALT-MASTIC PAINT COMPLYING WITH 4. OFFSET AT CORNERS: THE MAXIMUM OUT-OF-PLANE OFFSET OF FRAMING A REMOVE EXCESS SEALANT BY MODERATE USE OF MINERAL SPIRITS OR OTHER INTUMESCENT WRAP STRIPS: SINGLE-COMPONENT, ELASTOMERIC SHEET WITH CHANGES IN SEALANT APPEARANCE CAUSED BY ACCUMULATION OF DIRT REQUIRED FOR INDICATED SPANS AND CODE REQUIRED WIND LOADS CORNERS SHALL NOT EXCEED 1/32 INCH. SSPC-PAINT 12 REQUIREMENTS EXCEPT CONTAINING NO ASBESTOS; FORMULATED FOR LVENT ACCEPTABLE TO SEALANT AND WINDOW MANUFACTURER. ALUMINUM FOIL ON ONE SIDE. OR OTHER ATMOSPHERIC CONTAMINANTS. AIR INFILTRATION RATE SHALL NOT EXCEED 0.06 CFM/FT(2) AT A STATIC D. SEPARATE ALUMINUM AND OTHER CORRODIBLE METAL SURFACES FROM SOURCES OF (0.76-MM) THICKNESS PER COAT SILICONE FOAM: TWO-COMPONENT, SILICONE-BASED LIQUID ELASTOMER THAT, ORROSION OR ELECTROLYTIC ACTION AT POINTS OF CONTACT WITH OTHER CLEAN METAL AND GLASS SURFACES TO POLISHED CONDITION. PRESSURE DIFFERENTIAL OF 6.24 PSF, PER ASTM E283. PART 2 - PRODUCTS SEALANTS: FOR SEALANTS REQUIRED WITHIN FABRICATED SECURITY WINDOWS. WHEN MIXED, EXPANDS AND CURES IN PLACE TO PRODUCE A FLEXIBLE, LUBRICATE SLIDING SECURITY WINDOW HARDWARE WATER RESISTANCE: SYSTEM SHALL COMPLY WITH ASTM E331. THERE SHAL PART 1 - GENERAL PROVIDE TYPE RECOMMENDED BY MANUFACTURER FOR JOINT SIZE AND MOVEMEN 1. ZINC OR CADMIUM PLATE STEEL ANCHORS AND OTHER UNEXPOSED FASTENERS BE NO AIR LEAKAGE AT A MIN. STATIC AIR PRESSURE DIFFERENTIAL OF 8 PSI AS SEALANT SHALL REMAIN PERMANENTLY ELASTIC, NONSHRINKING, AND NONMIGRATING LUBRICATE TRANSACTION DRAWER HARDWAR SECTION INCLUDES SILICONE SEALANT: MOISTURE-CURING, SINGLE-COMPONENT, SILICONE-BASED, DEFINED IN AAMA 501. MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT C. GASKETS: FOR GASKETS REQUIRED WITHIN FABRICATED SECURITY WINDOWS. PROVIDE EUTRAL-CURING ELASTOMERIC SEALANT OF NONSAG GRADE FOR OPENINGS IN PROVIDE TEMPORARY PROTECTION TO ENSURE THAT SECURITY WINDOWS ARE A. PRE-FINISHED GALVANIZED STEEL, DOWNSPOUTS, GUTTERS, COLLECTOR BOXES 2. PAINT DISSIMILAR METALS WHERE DRAINAGE FROM THEM PASSES OVER 1.3 DELIVERY, STORAGE AND HANDLING UBSTRATES UNDER CONDITIONS OF SERVICE AND APPLICATION, AS PE RECOMMENDED BY MANUFACTURER FOR JOINT SIZE AND MOVEMENT. GASKETS VERTICAL AND OTHER SURFACES. WITHOUT DAMAGE AT TIME OF SUBSTANTIAL COMPLETION. AND SCUPPERS DEMONSTRATED BY JOINT-SEALANT MANUFACTURER, BASED ON TESTING AND SHALL REMAIN PERMANENTLY ELASTIC, NONSHRINKING, AND NONMIGRATING. US 2112 PROTOTYPE A. DELIVER ALUMINUM ENTRANCE AND STOREFRONT COMPONENTS IN THE RELATED SECTIONS INTUMESCENT WRAP STRIPS: PROVIDE ONE OF THE FOLLOWING PRODUCTS: 3. PAINT ALUMINUM SURFACES IN CONTACT WITH MORTAR, CONCRETE OR OTHER 2.2 WINDOW COMPONENTS END OF SECTION 08 56 19 A. DIVISION MASONRY WITH ALKALI RESISTANT COATING
LIQUID-APPLIED JOINT SEALANTS: COMPLY WITH ASTM C 920 AND OTHER STOP INTUMESCENT WRAP STRIP 2002 BY DOW CORNING CORP. OR CS242 B. STORE ALUMINUM COMPONENTS IN A CLEAN DRY LOCATION AWAY FROM UNCURED INTUMESCENT WRAP BY HILTI CONSTRUCTION CHEMICALS. INC. OR FIRE BARRIER REQUIREMENTS INDICATED FOR EACH LIQUID-APPLIED JOINT SEALANT SPECIFIED DRILL AND TAP FRAMES AND DOORS AND APPLY SURFACE-MOUNTED HARDWARE ITEMS MASONRY OR CONCRETE. COVER COMPONENTS WITH WATERPROOF PAPER. COMPLY WITH HARDWARE MANUFACTURER'S INSTRUCTIONS AND TEMPLATE REQUIREMENTS. USE CONCEALED FASTENERS WHEREVER POSSIBLE. INCLUDING THOSE REFERENCING ASTM C 920 CLASSIFICATIONS FOR TYPE FS-195 WRAP/STRIP, 3M FIRE PROTECTION PRODUCTS. TARPAULIN OR POLYETHYLENE SHEETING IN A MANNER TO PERMIT CIRCULATION OF INSULATED GLASS: 5/8 INCH THICK OVERALL THICKNESS. **SECTION 08 70 00** DOOR HARDWARE A. ASTM A526/A526M-STANDARD SPECIFICATION FOR STEEL SHEET, ZINC COATED GRADE, CLASS, AND USES RELATED TO EXPOSURE AND JOINT SUBSTRATES AIR. STACK FRAMING COMPONENTS IN A MANNER THAT WILL PREVENT BENDING AND SILICONE FOAMS: FIRE STOP FOAM 2001 BY DOW CORNING CORP. OR PENSIL 200 FOAM BY GENERAL ELECTRIC CO. B. TRACK/SLIDES: STAINLESS STEEL BALL BEARING SLIDES ALL WINDOWS AND DRAWERS. (GALVANIZED) BY HOT-DIP PROCESS, COMMERCIAL QUALITY AVOID SIGNIFICANT OR PERMANENT DAMAGE STAIN-TEST-RESPONSE CHARACTERISTICS: WHERE SEALANTS ARE SPECIFIED TO PART 1 - GENERA F. SET SILL MEMBERS IN BED OF SEALANT AS INDICATED, OR WITH JOINT FILLERS OR MISCELLANEOUS GLAZING MATERIALS: PROVIDE MATERIAL, SIZE, AND SHAPE DESIGN REQUIREMENTS 1517 NC 24-87 BE NONSTAINING TO POROUS SUBSTRATES, PROVIDE PRODUCTS THAT HAVE SILICONE SEALANTS: FIRESTOP SEALANT 2003 BY DOW CORNING CORP. OR COMPLYING WITH REQUIREMENTS OF GLASS MANUFACTURERS, AND WITH A PROVEN GONE TESTING ACCORDING TO ASTM C 1248 AND HAVE NOT STAINED REQUIREMENTS OF DIVISION 7 FOR SEALANTS, FILLERS, AND GASKETS. A. CONFORM TO APPLICABLE CODE FOR SIZE AND METHOD OF RAINWATER RECORD OF COMPATIBILITY WITH SURFACES CONTACTED IN INSTALLATION: A. FIELD MEASUREMENTS: SHOW RECORD MEASUREMENTS ON SHOP DRAWINGS POROUS JOINT SUBSTRATES INDICATED FOR PROJECT. DEFINITION: "FINISH HARDWARE" INCLUDES ITEMS KNOWN COMMERCIALLY AS CAMERON, NO 100 FIRESTOP SEALANT BY GENERAL ELECTRIC CO. OR CS240 FIRESTOP SEALANT CHECK OPENINGS BY ACCURATE FIELD MEASUREMENT BEFORE FABRICATION. FINISH HARDWARE WHICH ARE REQUIRED FOR SWING. SLIDING AND FOLDING . CLEANERS, PRIMERS, AND SEALERS: TYPE RECOMMENDED BY SEALANT OR SUITABILITY FOR CONTACT WITH FOOD: WHERE SEALANTS ARE INDICATED FOR BY HILTI CONSTRUCTION CHEMICALS, INC. PROJECT CONDITIONS COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DOORS, EXCEPT SPECIAL TYPES OF UNIQUE AND NON-MATCHING HARDWARE JOINTS THAT WILL COME IN REPEATED CONTACT WITH FOOD, PROVIDE A. CLEAN THE COMPLETED SYSTEM. INSIDE AND OUT, PROMPTLY AFTER INSTALLATION GASKET MANUFACTURER. DELAY OF THE WORK. SPECIFIED IN THE SAME SECTION AS THE DOOR AND DOOR FRAME. 2.3 FIRE-RESISTIVE ELASTOMERIC JOINT SEALANT EXERCISING CARE TO AVOID DAMAGE TO COATING A. COORDINATE THE WORK WITH DOWNSPOUT DISCHARGE PIPE INLET PRODUCTS THAT COMPLY WITH 21 CFR 177.2600. 2. SETTING BLOCKS: ELASTOMERIC MATERIAL WITH A TYPE A SHORE DUROMETER A. ELASTOMERIC SEALANT STANDARD: PROVIDE MANUFACTURER'S STANDAR PROVIDE LABOR, MATERIALS, TRANSPORTATION, SERVICES AND APPLIANCES COLORS OF EXPOSED JOINT SEALANTS: AS SELECTED BY ARCHITECT FROM PART 2 - PRODUCTS CHEMICALLY CURING, ELASTOMERIC SEALANTS OF BASE POLYMER INDICATED A. WARRANTY: SUBMIT A WRITTEN WARRANTY, EXECUTED BY THE MANUFACTURER, CONTAINED IN SECTION 08800 FOR CLEANING AND MAINTENANCE. REMOVE EXCESS NECESSARY TO COMPLETE THE FOLLOWING WORK: MANUFACTURER'S FULL RANGE THAT COMPLIES WITH ASTM C 920 REQUIREMENTS, INCLUDING THOSE GLAZING AND SEALANT COMPOUNDS, DIRT AND OTHER SUBSTANCES FROM ALUMINUM MANUFACTURERS AGREEING TO REPAIR OR REPLACE UNITS THAT FAIL IN MATERIALS OR WORKMANSHIP SHORE DUROMETER HARDNESS REQUIRED BY GLASS MANUFACTURER TO MAINTAIN FINISH DOOR HARDWARE INSTALLATION INCLUDING NECESSARY REFERENCED FOR TYPE, GRADE, CLASS, AND USES, AND REQUIREMENTS WITHIN THE SPECIFIED WARRANTY PERIOD. FAILURES INCLUDE, BUT ARE NOT GLASS LITES IN PLACE FOR INSTALLATION INDICATED. SCREWS, BOLTS, SPECIAL FASTENERS, EXPANSION SHIELD AND OTHER A. DIMENSIONAL METALS INC NECESSARILY LIMITED TO 'JS-1'-SINGLE-COMPONENT, NONSAG, NEUTRAL-CURING SILICONE JOINT SEALANT: 3.4 PROTECTION DEVICES NECESSARY AND REQUIRED FOR PROPER HARD WARE B. APPROVED EQUALS BY PETERSON ALUMINUM CO. OR BERRIDGE 4. EDGE BLOCKS: ELASTOMERIC MATERIAL OF HARDNESS NEEDED TO LIMIT GLASS SEALANT COLORS: PROVIDE COLOR OF EXPOSED JOINT SEALANT. COLOR ASTM C 920, TYPE S, GRADE NS, CLASS 50, FOR USE NT. **ARCHITECTURAL** STRUCTURAL FAILURE OF FRAMING MEMBERS. MANUFACTURING CO. A. INSTITUTE PROTECTIVE MEASURES REQUIRED THROUGHOUT THE REMAINDER OF THE LATERAL MOVEMENT (SIDE WALKING). SELECTIONS MADE BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE FURNISH AND INSTALL CYLINDERS AND LATCHES AT EXTERIOR 2. EXCESSIVE DEFLECTION, EXCESSIVE LEAKAGE OR AIR INFILTRATION CONSTRUCTION PERIOD TO ENSURE THAT ALUMINUM ENTRANCES AND STOREFRONTS STANDARD COLORS FOR PRODUCTS OF TYPE INDICATED. ONE OF THE FOLLOWING: WILL BE WITHOUT DAMAGE OR DETERIORATION, OTHER THAN NORMAL WEATHERING, AT STOREFRONT ENTRANCE AS INDICATED. COORDINATING KEYING WITH **SPECIFICATIONS** FAULTY OPERATION OF SWING DOORS SINGLE-COMPONENT, NEUTRAL-CURING SILICONE SEALANT: TYPE S: GRADE N PRE-FINISHED GALVANIZED STEEL SHEET: ASTM A361/A361M, ASTM A446/A446I TIME OF ACCEPTANCE. WELDING MATERIALS a. GE ADVANCED MATERIALS - SILICONES; SILPRUF SCS2000 ${\tt CLASS~25:~EXPOSURE-RELATED~USE~NT,~AND~JOINT-SUBSTRATE-RELATED~USES}$ GRADE A, OR ASTM A526/A526M, G90 ZINC COATING; 24 GAUGE CORE STEEL, SHOP DETERIORATION OF GASKETS AND SEALS PROVIDE TEMPORARY LOCKSETS AT EXTERIOR DOORS DURING D. ANCHORS CLIPS AND WINDOW ACCESSORIES: STAINLESS STEEL: HOT-DIP b. PECORA CORPORATION; 898. G, A, AND (AS APPLICABLE TO JOINT SUBSTRATES INDICATED) FAILURE OF SEALANT. ZINC-COATED STEEL OR IRON, OF SUFFICIENT STRENGTH TO WITHSTAND DESIGN COATING. COLOR: TO BE CHOSEN BY OWNER. SUBMIT SAMPLE TO OWNER FOR c. POLYMERIC SYSTEMS, INC.; PSI-64 END OF SECTION 08 41 13 PRESSURE INDICATED. IF ITEMS OF HARDWARE ARE NOT DEFINITELY SPECIFIED BUT REQUIRED ADDITIONAL MOVEMENT CAPABILITY: PROVIDE SEALANT WITH THE B. WARRANTY PERIOD: FIVE (5) YEARS AFTER THE DATE OF SUBSTANTIAL COMPLETION. FOR COMPLETION OF THE WORK, FURNISH ITEMS OF TYPE OF QUALITY TREMCO INCORPORATED: SPECTREM 3. 2.3 MANUAL PASS, SERVICE AND TELLER WINDOW UNITS CAPABILITY TO WITHSTAND THE FOLLOWING PERCENTAGE CHANGES IN COMPONENTS SUITABLE TO THE SERVICE AND FUNCTION REQUIRED AND COMPARABLE Checked JOINT WIDTH EXISTING AT TIME OF INSTALLATION, WHEN TESTED FOR 'JS-2'-SINGLE-COMPONENT MILDEW RESISTANT NEUTRAL-CURING SILICONF PART 2 - PRODUCTS A. MANUFACTURERS O ADJACENT HARDWARE. A. GUTTERS, COLLECTOR BOXES AND SCUPPERS: SMACNA PROFILE TO MATCH ADHESION AND COHESION UNDER MAXIMUM CYCLIC MOVEMENT PER ASTM PASS-THRU WINDOWS JOINT SEALANT: ASTM C 920, TYPE S, GRADE NS, CLASS 25, FOR USE NT. 2.1 MANUFACTURERS AND PRODUCTS . QUICK SERVICE 1.2 INTENT PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE IN COMPLIANCE WITH OTHER REQUIREMENTS OF ASTM C 920 FOR USES PART 1 - GENERAL A. KAWNEER B. DOWNSPOUTS: SMACNA PROFILE TO MATCH EXISTING. MODEL PW-54E AUTOMATIC A. THIS SPECIFICATION CONTEMPLATES PROVIDING PROPER HARDWARE, IN ONE OF THE FOLLOWING: C. ANCHORS AND SUPPORTS: PROFILED TO SUIT GUTTERS AND DOWNSPOUTS 1.1 SUMMARY C. SERVICE OPENING: 18 1/4 INCHES (W) X 31 1/2 INCHES (H) 100 PERCENT MOVEMENT IN EXTENSION AND 50 PERCENT MOVEMENT IN PECORA CORPORATION; 898 ATTENTION: CHERYL WILKERSON WITH APPLICABLE CODES FOR ALL DOORS AS LISTED. FINISH HARDWAR JUNE 2023 A. SECTION INCLUDES ANCHORING DEVICES: IN ACCORDANCE WITH SMACNA REQUIREMENTS COMPRESSION FOR A TOTAL OF 150 PERCENT MOVEMENT. D. ROUGH OPENING: 53 7/8 INCHES (W) X 40 3/8 INCHES (H). TREMCO INCORPORATED: TREMSIL 200 CLEAR. B. CRL-US ALUMINUM AND CALL CONFLICTS, OMISSIONS OR OBVIOUS REQUIREMENTS NOT LISTED TO SINGLE-COMPONENT NEUTRAL-CURING SILICONE SEALANT: DOW CORNING 790 GUTTER SUPPORTS: SPIKES AND FERRULES 1 AUTOMATIC OPERATED PASS WINDOW UNITS (800) 421-6144, EXT. 17780 E. GLAZING: 1" INSULATED GLASS WITH SOLARBAN 60 LOW-E. 2.3 URETHANE JOINT SEALANTS HE ATTENTION OF THE GENERAL CONTRACTOR OR ARCHITECT FOR Drawing No BY DOW CORNING CORP. OR SPECTRUM 1 BY TREMCO. C. YKK AP COMMERCIAL DOWNSPOUT SUPPORTS: STRAPS B. RELATED SECTIONS: INSTRUCTIONS. 'JS-3'- SINGLE-COMPONENT. NONSAG, URETHANE JOINT SEALANT: ASTM C 920, (687) 838-6000 TYPE S, GRADE NS, CLASS 100/50, FOR USE NT. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. C22-129

3.3 INSTALLATION GENERAL: INSTALL ACOUSTICAL CEILING SYSTEMS IN ACCORDANCE WITH ASTM C636 REQUIREMENTS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND CISCA "CEILING

SYSTEMS HANDBOOK." ARRANGE ACOUSTICAL UNITS AND ORIENT DIRECTIONALLY PATTERNED UNITS IN MANNER SHOWN BY REFLECTED CEILING PLANS.

SUSPEND CEILING HANGERS FROM BUILDING STRUCTURAL MEMBERS AND AS FOLLOWS:

STRUCTURAL OR CEILING SUSPENSION SYSTEM. SPLAY HANGERS ONLY WHERE IRED TO MISS OBSTRUCTIONS AND OFFSET RESULTING HORIZONTA FORCES BY BRACING, COUNTER-PLAYING, OR OTHER EQUALLY EFFECTIVE MEANS. WHERE WIDTH OF DUCTS AND OTHER CONSTRUCTION WITHIN CEILING PLENUM AT SPACINGS REQUIRED TO SUPPORT STANDARD SUSPENSION SYSTEM MEMBERS.

TRAPEZES OR EQUIVALENT DEVICES. SIZE SUPPLEMENTAL SUSPENSION MEMBERS ESTABLISHED BY REFERENCED STANDARDS

SECURE WIRE HANGERS BY LOOPING AND WIRE-TYING, EITHER DIRECTLY TO STRUCTURES OR TO INSERTS, EYESCREWS, OR OTHER DEVICES THAT ARE SECURE TO DETERIORATE OR OTHERWISE FAIL DUE TO AGE, CORROSION, OR ELECTED TEMPERATURE

STRUCTURAL MEMBERS.

SPACE HANGERS NOT MORE THAN 4 FEET ON CENTER ALONG EACH MEMBER SUPPORTED DIRECTLY FROM HANGERS, UNLESS OTHERWISE SHOWN, AN

PROVIDE HANGERS NOT MORE THAN 8 INCHES FROM ENDS OR EACH MEMBER

DEG C) AND 90 DEG F (32 DEG C)

A. PAINT: PROVIDE PAINT AS SCHEDULED ON DRAWINGS.

MATERIAL COMPATIBILITY: PROVIDE BLOCK FILLERS, PRIMERS, FINISH COAT

REQUIRED TO BE PAINTED OR FINISHED AND THAT HAS NOT BEEN PRIME-COATED BY OTHERS. RECOAT PRIMED AND SEALED SURFACES WHERE EVIDENCE OF SUCTION SPOTS OR UNSEALED AREAS IN FIRST COAT APPEARS, TO ENSURE A H COAT WITH NO BURN-THROUGH OR OTHER DEFECTS DUE TO INSUFFICIENT SEALING.

SPECIFIED REQUIREMENTS

ND OTHER DISCARDED PAINT MATERIALS FROM THE SITE. AFTER COMPLETING AINTING, CLEAN GLASS AND PAINT-SPATTERED SURFACES. REMOVE SPATTERED PAINT BY WASHING AND SCRAPING. BE CAREFUL NOT TO SCRATCH OR DAMAGE ADJACENT FINISHED SURFACES.

A. PROTECT WORK OF OTHER TRADES, WHETHER BEING PAINTED OR NOT AGAINST AMAGE BY PAINTING. CORRECT DAMAGE BY CLEANING, REPAIRING OR REPLACING, AND REPAINTING, AS ACCEPTABLE TO ARCHITECT.

END OF SECTION 09 91 00

B. PROVIDE "WET PAINT" SIGNS TO PROTECT NEWLY PAINTED FINISHES. REMOVE THEIR WORK AFTER COMPLETING PAINTING OPERATIONS.

ARCHITECTURAL

1517 NC 24-87

SPECIFICATIONS

Checked SH JUNE 2023 roiect No. Orawing No C22-129

(CONTINUED FROM PREVIOUS SHEET)

1.4 QUALITY ASSURANC

A. GLAZING PUBLICATIONS: COMPLY WITH PUBLISHED RECOMMENDATIONS OF GLASS

CHEMICALLY CURING, ELASTOMERIC SEALANTS OF BASE POLYMER INDICATED THAT COMPLY WITH ASTM C 920 REQUIREMENTS INDICATED ON EACH ELASTOMERIC GLAZING REFERENCING ASTM CLASSIFICATIONS FOR TYPE, GRADE, CLASS AND USES. LOADS AND IN-SERVICE CONDITIONS. PROVIDE GLASS LITES FOR THE VARIOUS SIZE OPENINGS IN THE THICKNESSES AND STRENGTHS (ANNEALED OR

1. ADDITIONAL MOVEMENT CAPABILITY: WHERE ADDITIONAL MOVEMENT CAPABILITY IS SPECIFIED IN ELASTOMERIC GLAZING SEALANT PRODUCT DATA SHEET, PROVIDE PRODUCTS. WHEN TESTED FOR ADHESION AND COHESION UNDER MAXIMUM CYCLIC MOVEMENT PER ASTM C 719, WITH THE CAPABILITY TO WITHSTAND THE SPECIFIED PERCENTAGE CHANGE IN THE JOINT WIDTH EXISTING AT TIME OF INSTALLATION AND REMAIN IN COMPLIANCE WITH OTHER REQUIREMENTS OF ASTM C 920 FOR USES INDICATED.

TREMCO OR 790 BUILDING SEALANT BY DOW CORNING, INC.

D. GLAZING SEALANT FOR FIRE-RESISTANT GLAZING PRODUCTS: IDENTICAL TO PRODUCT USED IN TEST ASSEMBLY TO OBTAIN FIRE-RESISTIVE RATING. EXPANDED CELLULAR GLAZING TAPE: CLOSED-CELL, POLYVINYL CHLORIDE FOAM TAPE

ELASTOMERIC GLAZING SEALANT STANDARD: PROVIDE MANUFACTURER'S STANDAR

RELEASE LINER PROTECTING ADHESIVE. AND COMPLYING WITH AAMA 800 FOR PRODUCT B. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS AS FOLLOWS NORSEAL V-980 CLOSED-CELL GLAZING TAPE, NORTON COMPANY

FACTORY COATED WITH ADHESIVE ON BOTH SURFACES, PACKAGED ON ROLLS WITH

GENERAL: PROVIDE PRODUCTS OF MATERIAL, SIZE, AND SHAPE COMPLYING WITH EFERENCED GLAZING STANDARD, REQUIREMENTS OF MANUFACTURERS OF GLASS AND OTHER GLAZING MATERIALS INVOLVED FOR GLAZING APPLICATION INDICATED. AND WITH A PROVEN RECORD OF COMPATIBILITY WITH SURFACES CONTACTED IN INSTALLATION. CLEANERS, PRIMERS AND SEALERS: TYPE RECOMMENDED BY SEALANT OR GASKET

C. SETTING BLOCKS: ELASTOMERIC MATERIAL WITH A SHORE A DUROMETER RDNESS OF 85 PLUS OR MINUS 5.

PART 2 - PRODUCTS

DAMAGED, OR DAMP PANELS. BUTT PANELS TOGETHER FOR A LIGHT CONTACT AT EDGES AND ENDS WITH

NOT MORE THAN 1/16 INCH OF OPEN SPACE BETWEEN PANELS. DO NOT FORCE INTO LOCATE BOTH EDGE OR END JOINTS OVER SUPPORTS, EXCEPT IN CEILING IS PROVIDED BEHIND END JOINTS. DO NOT PLACE TAPERED EDGES AGAIN AVOID JOINTS OTHER THAN CONTROL JOINTS AT CORNERS OF FRAMED OPENINGS WHERE POSSIBLE.

ATTACHED TO OPEN (UNSUPPORTED) EDGES OF STUD FLANGES FIRST ATTACH GYPSUM PANELS TO FRAMING PROVIDED AT OPENINGS AND CUTOUTS. 1. FIRE TAPE, SPACKLE, AND FIRE CAULK ALL PENETRATIONS INTO RATED AND/OR SHAFT WALLS. FORM CONTROL AND EXPANSION JOINTS AT LOCATIONS INDICATED AND AS DETAILED WITH SPACE BETWEEN EDGES OF ADJOINING GYPSUM PANELS, AS WELL AS

SUPPORTING FRAMING BEHIND GYPSUM PANELS. ISOLATE PERIMETER OF NONLOAD-BEARING GYPSUM BOARD PARTITIONS AT STRUCTURAL ABUTMENTS, EXCEPT FLOORS. PROVIDE 1/4- TO 1/2-INCH-WIDE SPACES AT THESE LOCATIONS AND TRIM EDGES WITH LC-BEAD EDGE TRIM WHERE EDGES OF GYPSUM PANELS ARE EXPOSED. SEAL JOINTS BETWEEN EDGES AND ABUTTING SPACE FASTENERS IN GYPSUM PANELS ACCORDING TO REFERENCED GYPSUM BOARD APPLICATION AND FINISHING STANDARD AND MANUFACTURER'S RECOMMENDATIONS

COMPLETE INSTALLATION 2. COLOR AND FINISH TO MATCH WALL TILE D. RENOVATIONS - CRACKED WALL TILE J. SPACE SCREWS A MAXIMUM OF 12 INCHES O.C. FOR VERTICAL APPLICATIONS MAPEI FIBERGLASS MESH 2. WP-900 HYDRO BLOC WATERPROOF AND CRACK ISOLATION MEMBRANE.

SCHLUTER SYSTEMS LP. JOLLY AND RONDEC

PART 3 - EXECUTION

3.1 INSPECTION AND PREPARATION

FOR STANDARD THIN-SET METHOD ON CONCRETE OR MASONRY: PRE-SANDED ACTORY MIXED DRY-SET MORTAR PER ANSI A 118.1 OR LATEX/CEMENT MORTAR PER ANSI A 118.4.

FOR WATERPROOFING THIN-SET METHOD: APPLIED POLYMERS OF AMERICA, INC. TILE-TITE", A TROWEL-APPLIED, ONE PART POLYURETHANE WATERPROOFING MEMBRANE ADHESIVE. DISTRIBUTED BY AMERICAN OLEAN TILE COMPANY. SETTING MATERIAL SHALL BE AN ORGANIC ADHESIVE (ANSI A 136.1) TYPE II. USE TYPE I IN SHOWER ROOMS, TUB ROOMS, TOILET ROOMS, AND ALL SPACES SUBJECT TO DAMP OR WET CONDITIONS.

FOR CERAMIC WALL TILE, GROUT SHALL BE LATEX AND WHITE WATERPROOF 2. FOR CERAMIC FLOOR TILE, GROUT SHALL BE GROUT AND JOINT FILLER FORTIFIED STAINLESS ADMIX AND CHEMICAL RESISTANCE AS RECOMMENDED BY THE FLOOR TILE MANUFACTURER. ALL RENDERING, SCREEDING, SOUND CONTROL. THERPROOFING, TILE INSTALLATION AND GROUTING/POINTING MATERIALS SHALL BE AS SUPPLIED BY MANUFACTURER RECOMMENDED BY THE CERAMIC TILE SUPPLIER. COLOR CHOSEN BY THE OWNER'S REPRESENTATIVE

PROVIDE NECESSARY CAPS, STOPS, RETURNS, TRIMMERS AND OTHER SHAPES TO

A. SUBJECT TO COMPLIANCE WITH REQUIREMENTS HEREIN, PROVIDE PRODUCTS FROM:

AND APPROPRIATE FOR SUBSTRATE, AND IN A MANNER THAT WILL NOT CAUSE THEM DO NOT ATTACH HANGERS TO STEEL ROOF DECK. ATTACH HANGERS TO

1. PROTECT FROM FREEZING. KEEP STORAGE AREA NEAT AND ORDERL' REMOVE OILY RAGS AND WASTE DAILY. TAKE NECESSARY MEASURES T ENSURE THAT WORKERS AND WORK AREAS ARE PROTECTED FROM FIRE IND HEALTH HAZARDS RESULTING FROM HANDLING, MIXING, AND APPLICATION.

INSTALL EDGE MOLDINGS OF TYPE INDICATED AT PERIMETER OF ACOUSTICA

CEILING AREA AND WHERE NECESSARY TO CONCEAL EDGES OF ACOUSTICAL

1.4 JOB CONDITIONS APPLY WATER-BASED PAINTS ONLY WHEN THE TEMPERATURE OF SURFACES TO BE PAINTED AND SURROUNDING AIR TEMPERATURES ARE BETWEEN 50 DEG F (10

> APPLY SOLVENT-THINNED PAINTS ONLY WHEN THE TEMPERATURE OF SURFACES O BE PAINTED AND SURROUNDING AIR TEMPERATURES ARE BETWEEN 45 DEG F (7 DEG C) AND 95 DEG F (35 DEG C) DO NOT APPLY PAINT IN SNOW, RAIN, FOG. OR MIST: OR WHEN THE RELATIVE HUMIDITY EXCEEDS 85 PERCENT: OR AT TEMPERATURES LESS THAN 5 DEG F (3) DEG C) ABOVE THE DEW POINT; OR TO DAMP OR WET SURFACES. PAINTING MAY CONTINUE DURING INCLEMENT WEATHER IF SURFACES AND

AREAS TO BE PAINTED ARE ENCLOSED AND HEATED WITHIN TEMPERATURE

LIMITS SPECIFIED BY THE MANUFACTURER DURING APPLICATION AND DRYING PERIODS PART 2 - PRODUCTS 2.1 MANUFACTURERS

RATE TO ENSURE COMPLETE COVERAGE WITH PORES FILLED PRIME COATS: BEFORE APPLYING FINISH COATS, APPLY A PRIME COAT OF MATERIAL, AS RECOMMENDED BY THE MANUFACTURER, TO MATERIAL THAT IS

MATERIAL QUALITY: PROVIDE THE MANUFACTURER'S BEST-QUALITY TRADE SALE

PAINT MATERIAL OF THE VARIOUS COATING TYPES SPECIFIED. PAINT MATERIAL

PIGMENTED (OPAQUE) FINISHES: COMPLETELY COVER TO PROVIDE A SMOOTH OPAQUE SURFACE OF UNIFORM FINISH, COLOR, APPEARANCE, AND COVERAGE CLOUDINESS. SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS WILL NOT BE ACCEPTABLE. COMPLETED WORK: MATCH APPROVED SAMPLES FOR COLOR, TEXTURE, AND COVERAGE. REMOVE, REFINISH, OR REPAINT WORK NOT COMPLYING WITH

CLEANUP: AT THE END OF EACH WORK DAY, REMOVE EMPTY CANS, RAGS, RUBBIS 3.5 PROTECTION

CAMERON, NO

RT 2 - PRODUCTS

ART 1 - GENERAL

MANUFACTURE, FABRICATION, AND INSTALLATION: FAILURE OF SEALANTS OR ASKETS TO REMAIN WATERTIGHT AND AIRTIGHT; DETERIORATION OF GLAZING MATERIALS: AND OTHER DEFECTS IN CONSTRUCTION. GLASS DESIGN: GLASS THICKNESSES INDICATED ON DRAWINGS ARE FOR DETAILING ONLY. CONFIRM GLASS THICKNESSES BY ANALYZING PROJECT

IS 6.0 MM (0.23 INCH). MINIMUM GLASS THICKNESSES OF LITES WHETHER COMPOSED OF ANNEALED OR HEAT-TREATED GLASS, ARE SELECTED SO THE WORST-CASE PROBABILITY OF FAILURE DOES NOT EXCEED THE OVER 15 DEGREES OFF VERTICAL AND UNDER WIND ACTION. DETERMINE MINIMUM THICKNESS OF MONOLITHIC ANNEALED GLASS ACCORDING TO ASTM F 1300 FOR OTHER THAN MONOLITHIC

MEMBERS AND GLAZING COMPONENTS. BASE ENGINEERING CALCULATION ON MATERIALS' ACTUAL SURFACE TEMPERATURES DUE O BOTH SOLAR HEAT GAIN AND NIGHTTIME SKY HEAT LOSS. a. TEMPERATURE CHANGE: 120 DEG F (67 DEG C), AMBIENT; 180 DEG F (100 DEG C), MATERIAL SURFACES.

APPLYING ADJUSTMENT FACTORS TO ASTM E 1300 BASED ON TYPE OF

NORMAL THERMAL MOVEMENTS RESULTS FROM AMBIENT AND

SURFACE TEMPERATURES CHANGES ACTING ON GLASS-FRAMING

GENERAL: PROVIDE GLAZING SYSTEMS THAT ARE PRODUCED, FABRICATED AND IMPACT LOADING (WHERE APPLICABLE), WITHOUT FAILURE INCLUDING

HEAT-TREATED) TO MEET OR EXCEED THE FOLLOWING CRITERIA: MINIMUM GLASS THICKNESS, NOMINALLY, OF LITES IN EXTERIOR WALLS

ANNEALED GLASS, DETERMINE THICKNESS PER GLASS MANUFACTURER'S STANDARD METHOD OF ANALYSIS INCLUDING

2.9 MISCELLANEOUS GLAZING MATERIALS

PANEL PRODUCTS OR FROM A MANUFACTURER ACCEPTABLE TO GYPSUM BOARI

THE FOLLOWING REQUIREMENTS: FIRE-RESISTANCE RATINGS: AS INDICATED BY

GA FILE NUMBERS IN GA-600 'FIRE RESISTANCE DESIGN MANUAL" OR DESIGN

"FIRE RESISTANCE DIRECTORY" OR IN THE LISTING OF ANOTHER TESTING AND

DELIVER MATERIALS IN ORIGINAL PACKAGES, CONTAINERS, OR BUNDLES BEARING

STORE MATERIALS INSIDE UNDER COVER AND KEEP THEM DRY AND PROTECTED

CORROSION, CONSTRUCTION TRAFFIC, AND OTHER CAUSES. NEATLY STACK

ENVIRONMENTAL CONDITIONS FOR APPLYING AND FINISHING GYPSUM BOARD TO

COMPLY WITH ASTM C 840 REQUIREMENTS OR GYPSUM BOARD MANUFACTURER'S

ROOM TEMPERATURES: FOR NONADHESIVE ATTACHMENT OF GYPSUM BOARD TO

RAMING, MAINTAIN NOT LESS THAN 40 DEG F. FOR ADHESIVE ATTACHMENT AND

FINISHING OF GYPSUM BOARD. MAINTAIN NOT LESS THAN 50 DEG F FOR 48 HOURS

VENTILATION: VENTILATE BUILDING SPACES AS REQUIRED TO DRY JOINT

FORE APPLICATION AND CONTINUOUSLY AFTER UNTIL DRY. DO NOT EXCEED 9

FREATMENT MATERIALS. AVOID DRAFTS DURING HOT, DRY WEATHER TO PREVENT

AGAINST DAMAGE FROM WEATHER, DIRECT SUNLIGHT, SURFACE CONTAMINATION,

INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION

BRAND NAME AND IDENTIFICATION OF MANUFACTURER OR SUPPLIER.

ENVIRONMENTAL CONDITIONS GENERAL: ESTABLISH AND MAINTAIN

FIRE-TEST-RESPONSE CHARACTERISTICS: WHERE FIRE-RESISTANCE-RATED

GYPSUM BOARD ASSEMBLIES ARE INDICATED, PROVIDE GYPSUM BOARD

MANUFACTURER.

ASSEMBLIES THAT COMPLY WITH

GYPSUM PANELS FLAT TO PREVENT SAGGING.

DEG F WHEN USING TEMPORARY HEAT SOURCES.

FINISHING MATERIALS FROM DRYING TOO RAPIDLY.

RECOMMENDATIONS, WHICHEVER

ARE MORE STRINGENT

DELIVERY, STORAGE, AND HANDLING

PROJECT CONDITIONS

APPLICATIONS WHERE INTERMEDIATE SUPPORTS OR GYPSUM BOARD BACK BLOCKING EDGES OR ENDS. STAGGER VERTICAL JOINTS ON OPPOSITE SIDES OF PARTITIONS. ATTACH GYPSUM PANELS TO STUDS SO LEADING EDGE OR END OF EACH PANEL IS

3.5 GYPSUM BOARD APPLICATION METHODS

A. SINGLE-LAYER APPLICATION: INSTALL GYPSUM WALLBOARD PANELS AS FOLLOWS:

INSTALL HANGERS PLUMB AND FREE FROM CONTACT WITH INSULATION OR OTHER OBJECTS WITHIN CEILING PLENUM THAT ARE NOT PART OF SUPPORTING

2.2 PAINT MATERIALS, GENERAL

MATERIALS, AND RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND THE SUBSTRATES INDICATED UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY THE MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.

 AT COMPLETION OF CONSTRUCTION ACTIVITIES OF OTHER TRADES. FOUCH UP AND RESTORE DAMAGED OR DEFACED PAINTED SURFACES.

DIVISION 10 - SPECIALTIES 2.3 PORTABLE FIRE EXTINGUISHERS B. COLOR AND TEXTURE (TO BE VERIFIED WITH OWNER): A. GENERAL: PROVIDE FIRE EXTINGUISHERS OF TYPE, SIZE, AND CAPACITY FOR EACH **SECTION 10 14 23** STAINLESS STEEL. CABINET AND OTHER LOCATIONS INDICATED 2. PVC PLASTIC - WHITE . PART 1 - GENERAL B. MULTIPURPOSE DRY-CHEMICAL TYPE: UL-RATED 4-A:60-B:C, 10-LB NOMINAL CAPACITY, C. RETAINER CLIPS: MANUFACTURER'S STANDARD IMPACT-ABSORBING CLIPS. SUMMARY 1. TOP AND BOTTOM CAPS: PREFABRICATED, INJECTION-MOLDED PLASTIC: COLOR 2.4 FIRE - PROTECTION CABINETS A. SECTION INCLUDES: MATCHING COVER: FIELD ADJUSTABLE FOR CLOSE ALIGNMENT WITH SNAP-ON A. CABINET CONSTRUCTION: PROVIDE MANUFACTURER'S STANDARD BOX (TUB), WITH ILLUMINATED PANEL SIGNS. TRIM, FRAME, DOOR, AND HARDWARE TO SUIT CABINET TYPE, TRIM STYLE, AND DOOR STYLE INDICATED. WELD JOINTS AND GRIND SMOOTH. MITER AND WELD PERIMETER 2. ROOM-IDENTIFICATION SIGNS. PART 3 - EXECUTION DOOR FRAMES. CONTRACTOR TO VERIFY COLOR SELECTION OF ALL ACTION SUBMITTALS FIRE-PROTECTION CABINETS WITH OWNER PRIOR TO ANY WORK. 3.1 INSTALLATION A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT. FIRE-RATED CABINETS: LISTED AND LABELED TO MEET REQUIREMENTS OF A. GENERAL: INSTALL IMPACT-RESISTANT WALL PROTECTION UNITS LEVEL, PLUMB, ASTM E814 FOR FIRE-RESISTANCE RATING OF WALL WHERE IT IS INSTALLED AND TRUE TO LINE WITHOUT DISTORTIONS. DO NOT USE MATERIALS WITH B. SHOP DRAWINGS: FOR PANEL SIGNS. CONSTRUCTION FIRE-RATED CABINETS WITH DOUBLE WALLS FABRICATED CHIPS, CRACKS, VOIDS, STAINS, OR OTHER DEFECTS THAT MIGHT BE VISIBLE IN THE 1. INCLUDE FABRICATION AND INSTALLATION DETAILS AND FROM 0.0478 INCH THICK, COLD-ROLLED STEEL SHEET LINED WITH MINIMUM 5/8 INCH THICK, FIRE-BARRIER MATERIAL. PROVIDE FACTORY DRILLED MOUNTING ATTACHMENTS TO OTHER WORK. 1. INSTALL IMPACT-RESISTANT WALL PROTECTION UNITS IN LOCATIONS AND 2. SHOW SIGN MOUNTING HEIGHTS, LOCATIONS OF SUPPLEMENTARY AT MOUNTING HEIGHTS INDICATED ON DRAWINGS. 2. CABINET METAL: ENAMELED STEEL HOLES. 2. PROVIDE SPLICES, MOUNTING HARDWARE, ANCHORS, AND OTHER SHOW MESSAGE LIST, TYPESTYLES, GRAPHIC ELEMENTS[, INCLUDING B. CABINET TYPE: SUITABLE FOR FIRE EXTINGUISHER. ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. RAISED CHARACTERS AND BRAILLE], AND LAYOUT FOR EACH SIGN AT CABINET MOUNTING: PROVIDE SEMI-RECESSED CABINET BOX PARTIALLY TO SUIT a. PROVIDE ANCHORING DEVICES TO WITHSTAND IMPOSED LOADS. STYLE OF TRIM INDICATED. LOCATE CABINET PER ADAAG'S REACH REQUIREMENTS. IMMEDIATELY AFTER COMPLETION OF INSTALLATION, CLEAN PLASTIC COVERS FOR AN UNOBSTRUCTED APPROACH, THE MAXIMUM REACH IS 48 INCHES (1220 MM SHOW LOCATIONS OF ELECTRICAL SERVICE CONNECTIONS. AND ACCESSORIES USING A STANDARD, AMMONIA-BASED, HOUSEHOLD CLEANING ABOVE THE FLOOR. THE MAXIMUM REACH FOR A SIDE APPROACH IS 54 INCHES (1370 5. INCLUDE DIAGRAMS FOR POWER, SIGNAL, AND CONTROL WIRING. C. SAMPLES: FOR EACH EXPOSED PRODUCT AND FOR EACH COLOR AND D. CABINET TRIM STYLE: FABRICATE TRIM IN ONE PIECE WITH CORNERS MITERED, C. REMOVE EXCESS ADHESIVE USING METHODS AND MATERIALS RECOMMENDED TEXTURE SPECIFIED. IN WRITING BY MANUFACTURER WELDED AND GROUND SMOOTH EXPOSED TRIM ONE-PIECE COMBINATION TRIM AND PERIMETER DOOR FRAME OVERLAPPING SURROUNDING WALL SURFACE WITH D. SIGN SCHEDULE: USE SAME DESIGNATIONS SPECIFIED OR INDICATED ON EXPOSED TRIM FACE AND WALL RETURN AT OUTER EDGE (BACKEND). ROLLED-EDGE DRAWINGS OR IN A SIGN SCHEDULE. END OF SECTION 10 26 00 TRIM: 2-1/2 INCH BACKBEND DEPTH INFORMATIONAL SUBMITTALS E. CABINET TRIM MATERIAL: MANUFACTURER'S STANDARD, SAME METAL AND FINISH AS A. SAMPLE WARRANTY. TOILET ACCESSORIES SECTION 10 28 00 CLOSEOUT SUBMITTALS F. DOOR MATERIAL: MANUFACTURER'S STANDARD, SHEET METAL. PART 1 - GENERAL MAINTENANCE DATA. G. DOOR STYLE: MANUFACTURER'S STANDARD DESIGN, SOLID OPAQUE PANEL WITH 1.1 RELATED DOCUMENTS WARRANTY A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. H. DOOR CONSTRUCTION: FABRICATE DOORS ACCORDING TO MANUFACTURER'S A. SPECIAL WARRANTY: MANUFACTURER AGREES TO REPAIR OR REPLACE STANDARDS, OF MATERIALS INDICATED, AND COORDINATED WITH CABINET TYPES 1.2 QUALITY ASSURANCE COMPONENTS OF SIGNS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN AND TRIM STYLES SELECTED. SPECIFIED WARRANTY PERIOD. SINGLE-SOURCE RESPONSIBILITY: PROVIDE PRODUCTS OF SAME DOOR HARDWARE: PROVIDE MANUFACTURER'S STANDARD DOOR-OPERATING MANUFACTURER FOR EACH TYPE OF ACCESSORY UNIT AND FOR UNITS WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL HARDWARE OF PROPER TYPE FOR CABINET TYPE, TRIM STYLE, AND DOOR MATERIAL EXPOSED TO VIEW IN SAME AREAS. COMPLETION. AND STYLE INDICATED. PROVIDE EITHER LEVER HANDLE WITH CAM-ACTION LATCH, OR EXPOSED OR CONCEALED DOOR PULL AND FRICTION LATCH. PROVIDE PART 2 - PRODUCTS CONCEALED OR CONTINUOUS-TYPE HINGE PERMITTING DOOR TO OPEN 180 DEGREES. A. COORDINATION: COORDINATE ACCESSORY LOCATIONS, INSTALLATION, AND SIGNS SEQUENCING WITH OTHER WORK TO AVOID INTERFERENCE AND TO ASSURE 2.5 ACCESSORIES PROPER INSTALLATION, OPERATION, ADJUSTMENT, CLEANING, AND SERVICING OF A. MANUFACTURER: APPROVED POPEYES SIGNAGE MANUFACTURER. A MOUNTING RRACKETS: MANUFACTURER'S STANDARD STEEL DESIGNED TO SECURE TOILET ACCESSORY ITEMS. B. PANEL SIGN: SIGN WITH SMOOTH, UNIFORM SURFACES; WITH MESSAGE AND EXTINGUISHER, OF SIZES REQUIRED FOR TYPES AND CAPACITIES OF EXTINGUISHERS PART 2 - PRODUCTS CHARACTERS HAVING UNIFORM FACES, SHARP CORNERS, AND PRECISELY INDICTED, WITH PLATED OR BAKED ENAMEL FINISH. FORMED LINES AND PROFILES; AND AS FOLLOWS: 2.1 MANUFACTURERS PROVIDE BRACKETS FOR EXTINGUISHERS NOT LOCATED IN CABINETS. 1. ILLUMINATED PANEL SIGN: BACKLIT CONSTRUCTION LIGHTING A. SEE EQUIPMENT PLAN AND SCHEDULE FOR TOILET ACCESSORIES INFORMATION 2. PROVIDE BRACKETS FOR EXTINGUISHERS LOCATED IN CABINETS. INCLUDING TRANSFORMERS, INSULATORS, AND/OR OTHER ACCESSORIES FOR OPERABILITY, WITH PROVISION FOR SERVICING B. IDENTIFICATION: PROVIDE LETTERING TO COMPLY WITH AUTHORITIES HAVING JURISDICTION FOR LETTER STYLE, COLOR, SIZE, SPACING, AND LOCATION. LOCATE 2.2 MATERIALS GENERAL AND CONCEALING CONNECTIONS TO BUILDING ELECTRICAL SYSTEM. A. STAINLESS STEEL: AISI TYPE 302/304, WITH POLISHED NO. 4 FINISH, 22 GAUGE USE TIGHT OR SEALED JOINT CONSTRUCTION TO PREVI AS DIRECTED BY THE OWNERS REPRESENTATIVE. (.034 INCH) MINIMUM THICKNESS. UNINTENTIONAL LIGHT LEAKAGE, SPACE LAMPS APART FROM EACH OTHER AND AWAY FROM SIGN SURFACES AS NEEDED TO ILLUMINATE 1. IDENTIFY FIRE EXTINGUISHER IN CABINET WITH THE WORDS "FIRE BRASS: LEADED AND UNLEADED, FLAT PRODUCTS, ASTM B19; RODS, SHAPES, EXTINGUISHER" APPLIED TO DOOR. APPLY BLACK VINYL LETTERS FORGINGS, AND FLAT PRODUCTS WITH FINISHED EDGES, ASTM B16; CASTINGS, a. POWER: AS INDICATED ON ELECTRICAL DRAWINGS. 2.6 COLORS AND TEXTURES C. CHROMIUM PLATING: NICKEL AND CHROMIUM ELECTRO-DEPOSITED ON BASE 2. MOUNTING: MANUFACTURER'S STANDARD METHOD FOR SUBSTRATES METAL, ASTM B 456, TYPE SC2. A. COLORS AND TEXTURES: AS SELECTED BY OWNER FROM MANUFACTURER'S FULL INDICATED ON EXTERIOR ELEVATIONS. RANGE FOR CHARACTERISTICS RESTROOM-IDENTIFICATION SIGN: SIGN WITH SMOOTH, UNIFORM SURFACES; D. FASTENERS: SCREWS, BOLTS, AND OTHER DEVICES OF SAME MATERIAL AS WITH MESSAGE AND CHARACTERS HAVING UNIFORM FACES, SHARP ACCESSORY UNIT OR OF GALVANIZED STEEL WHERE CONCEALED. 2.7 FINISHES, GENERAL CORNERS, AND PRECISELY FORMED LINES AND PROFILES; AND AS FOLLOWS: E. ALL STEEL PRODUCTS SHALL BE FABRICATED UTILIZING ONLY DOMESTICALLY A. COMPLY WITH NAAMM'S "METAL FINISHES MANUAL" FOR RECOMMENDATIONS FOR LAMINATED-SHEET SIGN: FACE SHEET WITH RAISED GRAPHICS APPLYING AND DESIGNATION FINISHES 2.3 RECESSED SANITARY NAPKIN DISPOSAL B. PROTECT MECHANICAL FINISHES ON EXPOSED SURFACES FROM DAMAGE BY a. COLOR AS PER AUTHORITIES HAVING JURISDICTION. APPLYING A STRIPPABLE, TEMPORARY PROTECTIVE COVERING BEFORE SHIPPING. A. SATIN-FINISH STAINLESS STEEL. SEAMLESS BEVELED FLANGE. DOOR HAS MOUNTING: SURFACE MOUNTED TO WALL WITH ADHESIVE. TUMBLER LOCK. SELF-CLOSING PANEL COVERS DISPOSAL OPENING. APPEARANCE OF FINISHED WORK: VARIATIONS IN APPEARANCE OF ABUTTING OR REMOVABLE, LEAK-PROOF, 1.2 GAL. PLASTIC RECEPTACLE. ADJACENT PIECES ARE ACCEPTABLE IF THEY ARE WITHIN ONE-HALF OF THE RANGE PART 3 - EXECUTION OF APPROVED SAMPLES. NOTICEABLE VARIATIONS IN THE SAME PIECE ARE NOT ACCEPTABLE. VARIATIONS IN APPEARANCE OF OTHER COMPONENTS ARE 1 INSTALLATION SURFACE MOUNTED TYPE, HORIZONTAL. POLYPROPYLENE AND UNIBODY STEEL CCEPTABLE IF THEY ARE WITHIN THE RANGE OF THE APPROVED SAMPLES AND ARE A. GENERAL: INSTALL SIGNS USING MOUNTING METHODS INDICATED AND CHASSIS. STEEL ON STEEL HINGE WITH GAS SPRING MECHANISM ASSEMBLED OR INSTALLED TO MINIMIZE CONTRAST. ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. 2.5 SEMI-RECESSED GARBAGE CARINET AND DOOR FINISHES: PROVIDE MANUFACTURER'S STANDARD INSTALL SIGNS LEVEL, PLUMB, TRUE TO LINE, AND AT LOCATIONS AND BAKED-ENAMEL PAINT FOR THE FOLLOWING A TYPE 304 STAINLESS STEEL ALLOY 18-8 WITH SATIN FINISH 18 GALIGE DOOR MOUNTED HEIGHTS INDICATED, WITH SIGN SURFACES FREE OF DISTORTION AND EXTERIOR OF CABINETS AND DOORS. ON STAINLESS STEEL PIANO HINGE AND SHALL BE HELD CLOSED WITH TUMBLER. 20 OTHER DEFECTS IN APPEARANCE. GAUGE PUSH DOOR WITH INTERNATIONAL GRAPHIC SYMBOL IDENTIFYING WASTE 2. INTERIOR OF CABINETS AND DOORS. INSTALL SIGNS SO THEY DO NOT PROTRUDE OR OBSTRUCT CORDING TO THE ACCESSIBILITY STANDARD 2.8 STEEL FINISHES 2.6 GRAB BARS BEFORE INSTALLATION, VERIFY THAT SIGN SURFACES ARE CLEAN A. SURFACE PREPARATION: CLEANING SURFACES OF DIRT, OIL, GREASE, MILL SCALE, A. STAINLESS STEEL TYPE: PROVIDE GRAB BARS WITH WALL THICKNESS NOT LESS THAN AND FREE OF MATERIALS OR DEBRIS THAT WOULD IMPAIR RUST, AND CONTAMINANTS THAT COULD IMPAIR PAINT BOND USING MANUFACTURER'S 0.05 INCH (18 GAUGE). MOUNTING: CONCEALED, MANUFACTURER'S STANDARD METHODS. STANDARD FLANGES AND ANCHORAGE. MOUNTING PER MANUFACTURER'S STANDARD 4. CORROSION PROTECTION: COAT CONCEALED SURFACES OF FLANGES AND ANCHORAGE. CLEARANCE: 1-1/2 INCH CLEARANCE BETWEEN WALL FACTORY PRIMING FOR FIELD PAINTED FINISH: APPLY SHOP PRIMER SPECIFIED SURFACE AND INSIDE FACE OF BAR, GRIPPING SURFACES: MANUFACTURER'S BELOW IMMEDIATELY AFTER SURFACE PREPARATION AND PRETREATMENT. ALUMINUM IN CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, STANDARD. HEAVY-DUTY SIZE: OUTSIDE DIAMETER OF 1-1/2 INCHES. PROVIDE ONE SHOP PRIMER: MANUFACTURER'S OR FARRICATOR'S STANDARD FAST-CURING OR DISSIMILAR METALS. WITH A HEAVY COAT OF BITUMINOUS PAINT 18" LONG GRAB BAR; ONE 36" LONG GRAB BAR; ONE 42" LEAD AND CHROMATE-FREE, UNIVERSAL PRIMER, SELECTED FOR RESISTANCE LONG GRAB BAR; PER RESTROOM. TO NORMAL ATMOSPHERIC CORROSION, FOR COMPATIBILITY TO PROVIDE A B. MOUNTING METHODS HAND DRYER SOUND FOUNDATION FOR FIFL D-APPLIED 1. EXTERIOR ILLUMINATED BUILDING SIGNS: MOUNTING METHOD TO BE TOPCOATS DESPITE PROLONGED EXPOSURE. WARM AIR, RAPID DRYING, ENERGY EFFICIENT ELECTRIC HAND DRYER. PROVIDED BY MANUFACTURER. SURFACE MOUNTED. RECESSED KIT. POWER SOURCE 110/120V, 12.5AMP. BAKED-ENAMEL FINISH: IMMEDIATELY AFTER CLEANING PRETREATING, APPLY RESTROOM-IDENTIFICATION SIGN: MANUFACTURER'S STANDARD TWO-COAT. BAKED-ENAMEL FINISH CONSISTING OF RIME COAT AND THERMOSETTING TOPCOAT. COMPLY WITH PAINT MANUFACTURER'S a. ADHESIVE: CLEAN BOND-BREAKING MATERIALS FROM A. STAINLESS STEEL FRAMED MIRROR UNITS: FABRICATE FRAME WITH ANGLE WRITTEN INSTRUCTIONS FOR APPLYING AND BAKING TO ACHIEVE A MINIMUM DRY FILM SURFACE AND REMOVE LOOSE DEBRIS. APPLY LINEAR BEADS SHAPES NOT LESS THAN 0.05 INCH (18 GAUGE), WITH SQUARE CORNERS MITERED THICKNESS OF 2 MILS. OR SPOTS OF ADHESIVE SYMMETRICALLY TO BACK OF SIGN AND OF SUITABLE QUANTITY TO SUPPORT WEIGHT OF SIGN WELDED, AND GROUND SMOOTH. PROVIDE IN NO. 4 SATIN POLISHED FINISH. ONE 1. COLOR AND GLOSS: AS SELECTED BY OWNER FROM MANUFACTURER'S FULL REQUIRED OVER EACH TOILET ROOM SINK. EDGES TO PREVENT ADHESIVE EXTRUSION AS SIGN IS APPLIED PART 3 - EXECUTION ND TO PREVENT VISIBILITY OF CURED ADHESIVE AT SIGN A MOP AND BROOM HOLDER: WALL MOUNTING, 0.062 INCH (16 GAUGE) STAINLESS. EDGES PLACE SIGN IN POSITION, AND PUSH TO ENGAGE STEEL WITH SPRING-LOADED, RUBBER HAT, CAM-TYPE MOP/BROOM HOLDERS. 3.1 EXAMINATION ADHESIVE. TEMPORARILY SUPPORT SIGN IN POSITION UNTIL PROVIDE UNIT 24 INCHES LONG AND COMPLETE WITH FOUR MOP/BROOM A. EXAMINE WALLS ROUGH-IN FOR HOSE VALVES, HOSE RACKS, AND CABINETS TO ADHESIVE FULLY SETS. VERIFY ACTUAL b. TWO-FACE TAPE: CLEAN BOND-BREAKING MATERIALS FROM DOUBLE-PRONG ROBE HOOK: HEAVY-DUTY SATIN FINISHED STAINLESS STEEL LOCATIONS OF PIPING CONNECTIONS BEFORE CABINET INSTALI ATION SUBSTRATE SURFACE AND REMOVE LOOSE DEBRIS. APPLY DOLIBLE-PRONG ROBE HOOK. RECTANGULAR WALL BRACKET WITH BACKPLATE B FXAMINE WALLS AND PARTITIONS FOR SUITABLE FRAMING DEPTH AND BLOCKING TAPE STRIPS SYMMETRICALLY TO BACK OF SIGN AND OF FOR CONCEALED MOUNTING. ONE REQUIRED FOR EACH TOILET ROOM. SUITABLE QUANTITY TO SUPPORT WEIGHT OF SIGN WITHOUT WHERE RECESSED AND SEMI-RECESSED CABINETS ARE TO INSTALLED. SLIPPAGE KEEP STRIPS AWAY FROM EDGES TO PREVENT C. EXAMINE FIRE EXTINGUISHERS FOR PROPER CHARGING AND TAGGING. VISIBILITY AT SIGN EDGES. PLACE SIGN IN POSITION, AND PUSH A. GENERAL: A MAXIMUM 1-1/2 INCH DIAMETER, UNOBTRUSIVE STAMPED LOGO OF TO ENGAGE TAPE ADHESIVE. 1. REMOVE AND REPLACE DAMAGE, DEFECTIVE, OR UNDERCHARGED UNITS. MANUFACTURER AS APPROVED BY ARCHITECT IS PERMITTED ON EXPOSED FACE OF TOILET OR BATH ACCESSORY UNITS. ON EITHER INTERIOR SURFACE NOT EXPOSED REMOVE TEMPORARY PROTECTIVE COVERINGS AND STRIPPABLE FILMS AS D. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE TO VIEW OR BACK SURFACE, PROVIDE ADDITIONAL IDENTIFICATION BY MEANS OF EITHER A PRINTED, WATERPROOF LABEL OR A STAMPED NAMEPLATE, INDICATING SIGNS ARE INSTALLED. BEEN CORRECTED. MANUFACTURER'S NAME AND PRODUCT MODEL NUMBER. END OF SECTION 10 14 23 B. SURFACE-MOUNTED TOILET ACCESSORIES, GENERAL: EXCEPT WHERE OTHERWISE A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING INDICATED. FABRICATE UNITS WITH TIGHT SEAMS AND JOINTS. EXPOSED EDGES FIRE-PROTECTION ROLLED. HANG DOORS OR ACCESS PANELS WITH CONT. STAINLESS STEEL PIANO WALL PROTECTION SECTION 10 26 00 HINGE. PROVIDE CONCEALED ANCHORAGE WHEREVER POSSIBLE. B. INSTALL IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED OR, IF NOT INDICATED, C. KEYS: PROVIDE UNIVERSAL KEYS FOR ACCESS TO TOILET ACCESSORY UNITS PART 1 - GENERAL AT HEIGHTS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION REQUIRING INTERNAL ACCESS FOR SERVICING, RE-SUPPLY, ETC. PROVIDE 1. PREPARE RECESSES FOR CABINETS AS REQUIRED BY TYPE AND SIZE OF SUMMARY MINIMUM OF SIX KEYS TO OWNER'S REPRESENTATIVE. A. SECTION INCLUDES: PART 3 - EXECUTION FASTEN MOUNTING BRACKETS TO STRUCTURE AND CABINETS, SQUARE AND CORNER GUARDS. 3.1 INSTALLATION ACTION SUBMITTALS FASTEN CABINETS TO STRUCTURE, SQUARE AND PLUMB. A. INSTALL TOILET ACCESSORY UNITS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, USING FASTENERS APPROPRIATE TO SUBSTRATE AS A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED 3.3 ADJUSTING, CLEANING AND PROTECTION RECOMMENDED BY MANUFACTURER INSTALL UNITS PLUMB AND LEVEL FIRMLY B SAMPLES: FOR EACH EXPOSED PRODUCT AND FOR EACH COLOR AND A. ADJUST CABINET DOORS THAT DO NOT SWING OR OPERATE FREELY. ANCHORED IN LOCATIONS AND AT HEIGHTS INDICATED. TEXTURE SPECIFIED, 12 INCHES LONG. B. IN LOCATIONS MARKED FOR HANDICAPPED ACCESSIBILITY, INSTALL TOILET B. REFINISH OR REPLACE CABINETS AND DOORS DAMAGED DURING INSTALLATION. INFORMATIONAL SUBMITTALS ACCESSORIES IN COMPLIANCE WITH REQUIREMENTS OF THE AMERICAN WITH PROVIDE FINAL PROTECTION AND MAINTAIN CONDITIONS THAT ENSURE THAT DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG). MATERIAL CERTIFICATES. CABINETS AND DOORS ARE WITHOUT DAMAGE OR DETERIORATION AT THE TIME OF SECURE MIRRORS TO WALLS IN CONCEALED, TAMPERPROOF MANNER WITH SUBSTANTIAL COMPLETION. B. MATERIAL TEST REPORTS. SPECIAL HANGERS, TOGGLE BOLTS OR SCREWS. SET UNITS PLUMB, LEVEL, AND 3.4 FIRE-PROTECTION CABINET SCHEDULE C. WARRANTY: SAMPLE OF SPECIAL WARRANTY SQUARE AT LOCATIONS INDICATED, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION FOR TYPE OF SUBSTRATE INVOLVED. A. FIRE-PROTECTION CABINET PROVIDE FIRE-PROTECTION CABINET COMPLYING WITH 4 CLOSEOUT SUBMITTALS THE FOLLOWING: D. INSTALL GRAB BARS TO WITHSTAND A DOWNWARD LOAD OF AT LEAST 250 LBF, A. MAINTENANCE DATA. COMPLYING WITH ASTM F446. CONSTRUCTION: NONRATED. 5 QUALITY ASSURANCE 3.2 ADJUSTING AND CLEANING 2. CABINET MATERIAL: STEEL-COLD ROLLED STEEL W/ RECOATABLE WHITE A. INSTALLER QUALIFICATIONS: AN EMPLOYER OF WORKERS TRAINED AND POLYESTER FINISH. ADJUST TOILET ACCESSORIES FOR PROPER OPERATION AND VERIFY THAT APPROVED BY MANUFACTURER. MECHANISMS FUNCTION SMOOTHLY. REPLACE DAMAGED OR DEFECTIVE ITEMS. TYPE: FIRE EXTINGUISHER SURFACE-BURNING CHARACTERISTICS: AS DETERMINED BY TESTING B. CLEAN AND POLISH ALL EXPOSED SURFACES IN STRICT ACCORDANCE WITH MOUNTING: SEMIRECESSED. IDENTICAL PRODUCTS PER ASTM E 84, NFPA 255, OR UL 723 BY UL OR MANUFACTURER'S RECOMMENDATIONS AFTER REMOVING TEMPORARY LABELS ANOTHER QUALIFIED TESTING AGENCY 5. TRIM STYLE: EXPOSED, 2 INCH. AND PROTECTIVE COATINGS. 6. CABINET TRIM MATERIAL: SAME MATERIAL AND FINISH AS CABINET. A. SPECIAL WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH END OF SECTION 10 28 00 7. DOOR MATERIAL: SAME MATERIAL AND FINISH AS CABINET. MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF 8. DOOR STYLE: FULL GLASS W/ TEMPERED SAFETY GLASS. IMPACT-RESISTANT WALL PROTECTION UNITS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD. FIRE PROTECTION SPECIALTIES SECTION 10 44 00 9. ACCESSORIES: MOUNTING BRACKETS, AND INDENTIFICATION LETTERING. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: (AS APPLICABLE) END OF SECTION 10 44 00 a. STRUCTURAL FAILURES. PART 1 - GENERAL b. DETERIORATION OF PLASTIC AND OTHER MATERIALS BEYOND 1.1 RELATED DOCUMENTS NORMAL USE. A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION. WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION. 1.2 QUALITY ASSURANCE PART 2 - PRODUCTS A. SINGLE-SOURCE RESPONSIBILITY: OBTAIN EXTINGUISHERS AND CABINETS FROM A SINGLE MANUFACTURER. MATERIALS B. COORDINATION: VERIFY THAT CABINETS ARE SIZED TO ACCOMMODATE TYPE AND A. PVC PLASTIC: ASTM D 1784, CLASS 1, TEXTURED, CHEMICAL- AND ${\tt STAIN-RESISTANT}, {\tt HIGH-IMPACT-RESISTANT} \ {\tt PVC} \ {\tt OR} \ {\tt ACRYLIC-MODIFIED}$ OF EXTINGUISHERS INDICATED. VINYL PLASTIC WITH INTEGRAL COLOR THROUGHOUT. C. UL-LISTED PRODUCTS: FIRE EXTINGUISHERS SHALL BE UL LISTED WITH UL LISTING IMPACT RESISTANCE TO MEET ASTM D 256, TEST METHOD A. MARK FOR TYPE, RATING, AND CLASSIFICATION OF FIRE EXTINGUISHER CHEMICAL AND STAIN RESISTANCE PER ASTM STANDARDS. D. NFPA COMPLIANCE: FABRICATE AND LABEL FIRE EXTINGUISHERS TO COMPLY WITH 3. SELF-EXTINGUISHING WHEN TESTED ACCORDING TO ASTM D 635. NFPA 10. "STANDARD FOR PORTABLE FIRE EXTINGUISHER E. FIRE EXTINGUISHERS: LISTED AND LABELED FOR TYPE, RATING, AND CLASSIFICATION FLAME-SPREAD INDEX: 25 OR LESS. BY AN INDEPENDENT TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING SMOKE-DEVELOPED INDEX: 450 OR LESS. B. POLYCARBONATE PLASTIC SHEET: ASTM D 6098 S-PC01 CLASS 1 OR 2 PART 2 - PRODUCTS ABRASION RESISTANT; WITH A MINIMUM IMPACT-RESISTANCE RATING PER ASTM D 256, TEST METHOD A.

A PORTABLE FIRE EXTINGUISHES AND CARINETS: SUBJECT TO COMPLIANCE WITH

B. ALUMINUM: ALLOY AND TEMPER RECOMMENDED BY ALUMINUM PRODUCER AND

MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED AS FOLLOWS:

STAINLESS-STEEL SHEET: ASTM A666, TYPE 302 OR TYPE 304 ALLOY.

COMMERCIAL QUALITY, STRETCHED LEVELED, TEMPER ROLLED.

SHEET: ASTM B209.

2. EXTRUDED SHAPES: ASTM B221.

REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING: POTTER ROEMER.

COLD-ROLLED STEEL SHEET: CARBON STEEL, COMPLYING WITH ASTM A366/A366M,

EASTENERS: ALLIMINUM NONMAGNETIC STAINLESS-STEEL OR OTHER

NONCORROSIVE METAL SCREWS, BOLTS, AND OTHER FASTENERS

COMPATIBLE WITH ITEMS BEING FASTENED. USE SECURITY-TYPE

ADHESIVE: AS RECOMMENDED BY IMPACT-RESISTANT PLASTIC WALL

VALUE> G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59,

A. SURFACE-MOUNTED, RESILIENT, CORNER GUARDS: ASSEMBLY CONSISTING

HARDWARE; FABRICATED WITH 90-DEGREE TURN.

OF COVER INSTALLED OVER CONTINUOUS RETAINER; INCLUDING MOUNTING

FASTENERS WHERE EXPOSED TO VIEW

SUBPART D (EPA METHOD 24).

CRANE COMPOSITES, INC

MARLITE PRODUCTS, INC.

CORNER GUARDS

ISSUE TABLE Date Description **REVISIONS** Date Description 8/01/2023 RESPONSE TO CITY 9/04/2023 HEALTH COMMENTS 9/12/2023 RESPONSE TO CITY 9/12/2023 HEALTH COMMENTS DRAWINGS REVISED AS PER DESIGN BULLETIN Date Description THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN . COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL ANI THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIAN KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK, THESE DRAWIN ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION" Company Logo 10755 SANDHILL ROAD, DALLAS, TEXAS 75238 TEL: 214-343-9400 <u>www.dimensiongrp.com</u> US 2112 PROTOTYPE 2112-21 Location 1517 NC 24-87 ARCHITECTURAL **SPECIFICATIONS** Checked SH JUNE 2023 Project No. Drawing No.

9.14.2023

SP7

C22-129

DIVISION 12 - WINDOW TREATMENTS ROLL-DOWN BLINDS **SECTION 12 21 23** PART 1 - GENERAL A. MANUAL ROLLER SHADES AND HARDWARE.

1.2 SYSTEM DESCRIPTION A. CLUTCH OPERATED ROLLER SHADES WITH BEAD CHAIN CONTROL.

1.3 SUBMITTALS

A. PRODUCT DATA: SUBMIT AN ELECTRONIC PDF COPY OF MANUFACTURER'S TECHNICAL DATA AND INSTALLATION INSTRUCTIONS

B. SAMPLES: SUBMIT THREE SAMPLES OF EACH SHADE CLOTH WITH COMPLETE COLOR

C. SHOP DRAWINGS: SUBMIT DRAWINGS OF MECHANICAL PRODUCTS WITH APPROPRIATE

1.4 QUALITY ASSURANCE

A. THE MANUFACTURER OF THESE PRODUCTS SHALL SHOW A MINIMUM OF 20 YEARS DOCUMENTED EXPERIENCE.

B. THE INSTALLER SHALL SHOW A MINIMUM OF 3 YEARS EXPERIENCE WITH THESE

PART 2 - PRODUCTS 2.1 MANUFACTURER

> A. SOS "SUN OR SHADE" A DIVISION OF INSIDE OUTFITTERS, INC. 8333 GREEN MEADOWS DRIVE N., STE B, LEWIS CENTER, OH, 43085 P: 800.742.3372, F: 877.880.3496, E:INFO@SOSSHADES.COM

A. SHADE FABRICS: TRANSLUCENT FABRICS HAVE AN OPENNESS FACTOR OF 10%. THE FABRIC SHALL HAVE A HIGH DEGREE OF OPACITY FOR EFFECTIVE CONTROL OF LIGHT THE FABRIC MUST HAVE SUFFICIENT RIGIDITY TO INSURE STRAIGHT HANGING, RESIST CURL, TWIST, BOWING AND DISTORTION. IT MUST BE DIMENSIONALLY STABLE AND WILL NOT SHRINK OR STRETCH. THE FABRIC IS TO BE COLORFAST AND SHALL NOT BE AFFECTED BY MOISTURE OR HEAT. THE COLOR SHALL BE SELECTED FROM STANDAR COLORS. ALL SEAMS ARE TO BE HEAT-SEALED. SEWING IS NOT ACCEPTED. THE FABRIC COLOR SHALL BE SELECTED FROM THE MANUFACTURER'S STANDARD COLOR LINE. SHEERWEAVE 4100 - COLOR PEBBLESTONE

B. TUBE: THE FABRIC SHADES SHALL BE MOUNTED ON TO A 1-1/4", 1-1/2", 2", OR 2-1/2" OR I DIAMETER ALUMINUM TUBE DEPENDING ON THE WIDTH OF THE SHADE AND FABRIC CHOSEN FOR THE SHADE.

C. BEAD CHAIN CLUTCH: THE CLUTCH INCORPORATES AN ADJUSTABLE SLIP CLUTCH TO CONTROL THE RATE OF FALL FROM FREE RUNNING ZERO FRICTION FACTOR TO A FACTOR OF 100%. THE SHADE MAY BE ADJUSTED TO STOP AND HOLD AT ANY POSITION. OVER WINDING OR UNROLLING. THE BEAD CHAIN WILL BE SECURED BY A HOLD DOWN

1. BEAD CHAIN: BEAD CHAIN WILL NICKEL BALL TYPE.

FABRIC STYLE (10% OPENNESS)

D. EASY LIFT: THIS OPTION IS ADDED TO ALL SHADES THAT ARE OVER 30 POUNDS. E. HEMBAR: SHALL BE A CONTINUOUS ALUMINUM BAR 1" X 3/16" WITH SUFFICIENT WEIGHT TO ALLOW THE SHADE TO CLOSE WITHOUT BUCKLING OR SAGGING, STANDARD

HEMBAR IS WRAPPED IN FABRIC AND SEALED AROUND ALL EDGES. F. SHADE MOUNTING BRACKETS: SHADE MOUNTING BRACKETS: SHALL BE MANUFACTURED FROM .060" GALVANIZED STEEL. REVERSIBLE FOR RIGHT AND LEFT

HAND MOUNTING. THE BRACKETS MAY BE FIELD MOUNTED INSIDE, OUTSIDE OR CEILING G. FASCIA SYSTEM: ALL FASCIA SYSTEMS SHALL BE PRIME PAINTED WITH BAKED ENAMEL

UTILIZING THE POWDER PAINT METHOD TO ENSURE AN ENVIRONMENTAL FRIENDLY APPLICATION. WET PAINT METHOD SHALL NOT BE ACCEPTED.

1. L-ANGLE FASCIA: FASCIA PANELS SHALL BE MADE FROM EXTRUDED ALUMINUM. FASCIA FACE SHALL BE 3" OR 4" TO ACCOMMODATE SHADE ROLL, FASCIA SHALL

CLIP TO BRACKETS AND SNAP EASILY INTO PLACE. IT SHALL BE EASILY REMOVED FOR ANY NECESSARY MAINTENANCE FASCIA COLOR: VANILLA.

PART 3 - EXECUTION 3.1 INSTALLATION

> A. INSTALL THE SHADES WHERE SHOWN ON THE CONTRACT DRAWINGS IN ACCORDANCE WITH PRINTED INSTRUCTIONS PROVIDED BY THE MANUFACTURER, SOS SHADE SYSTEMS, OR A MODIFICATION AS APPROVED BY THE MANUFACTURER.

B. THE SHADE FABRIC SHALL HANG FLAT WITHOUT BUCKLING OR DISTORTION. THE EDGE WHEN TRIMMED, SHALL HANG STRAIGHT WITHOUT CURLING OR RAVELING. UNGUIDED ROLLER FABRICS SHALL ROLL WITHOUT SHIFTING SIDEWAYS MORE THAN 1/4" IN EITHER DIRECTION. TOLERANCE FOR BRACKETS SHALL NOT EXCEED 3/4" ON EITHER SIDE.

C. VERIFY THAT ALL SURFACES AND OPENINGS ARE READY TO RECEIVE THE WORK. DO NOT COMMENCE THE WORK UNTIL THE INSTALLER VERIFIES FIELD MEASUREMENTS. D. BEGINNING THE INSTALLATION INDICATES THE INSTALLER ACCEPTS THE SUBSTRATE

THE SYSTEM SHALL BE ADJUSTED BY THE INSTALLER FOR SMOOTH OPERATION, ALL

COMPLETED SHADES WILL BE OPERATED BY THE INSTALLER TO ENSURE THAT THEY **FUNCTION CORRECTLY**

B. INSTRUCT THE OWNERS OR HIS REPRESENTATIVE AS TO THE PROPER OPERATING PROCEDURES AND MAINTENANCE OF THE SYSTEM.

END OF SECTION 12 21 23