

POPEYES LOUISIANA KITCHEN, INC. PLK1846-HP PROTOTYPE

REV # ISSUE DATE

REVISION ISSUE LOG

May 2018 General updates

june 2018 General updates

Sept 2018 General updates

DESCRIPTION

SYMBOLS / LEGEND

ELEVATION NUMBER

DETAIL, SECTION,

SHEET NUMBER

- DETAIL NUMBER

SHEET NUMBER

OR PLAN NUMBER

BUILDING SECTION LETTER

- SHEET NUMBER

AFFECTED SHEETS

SD1,A5,A9,A11,A12,A12a,K2a,K3,M3,M4,P2

SD1,A1,A3,A4,A5,A6,A8,A10,A12,A12b,A13

- NOTE NUMBER

WINDOW NUMBER

REVISION NUMBER

EXTERIOR FINISH NUMBER

INTERIOR FINISH NUMBER OR LETTER

DOOR NUMBER

A14,A16,K2bP1,E1,E4

LAY-IN ACOUSTICAL CEILING

LONG LEG HORIZONTAL

LONG LEG VERTICAL

MASONRY

MAXIMUM

MINIMUM

METAL

NOMINAL

MECHANICAL

MISCELLANEOUS

NOT APPLICABLE NOT IN CONTRACT

NOT TO SCALE

OUTSIDE DIAMETER

ON CENTER

OPPOSITE

PLYWOOD

PREFABRICATED

QUARRY TILE

REFERENCE

REINFORCE

REQUIRED **ROUGH OPENING**

SHELVES

STANDARD

STORAGE

THREAD

SUSPENDED

TELEPHONE

TOP OF DECK

TOP OF FOOTING

TOP OF LEDGER

TOP OF PANEL

TOP OF STEEL

TOP OF WALL

TYPICAL

VERTICAL

WOOD

WEIGHT

WITHOUT

VINYL THRESHOLD

WIDE FLANGE

WATER CLOSET

WATER PROOF

WELDED WIRE FABRIC

TOILET PAPER DISPENSER

UNLESS NOTED OTHERWISE

VINYL COMPOSITION TILE

TOP AND BOTTOM TONGUE AND GROOVE

TOP OF CONCRETE

STEEL

SIMIL AR

RISER / RADIUS

SPLASH BLOCK

SPECIFICATION

STAINLESS STEEL

REINFORCING BAR

PLATE

MASONRY OPENING

MIRROR / MOISTURE RESISTANT

ORDER CONFIRMATION BOARD

POUNDS PER LINEAR FOOT

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

PRESSURE TREATED

LLH

LLV

MAX

OCB

OPP

PLYWD

REBAR

REF

REINF

SHLV

SIM

STD

STL

STOR

SUSP

T&B

T&G

TELE

TOC

TOD

TOF

TOL

TOP

TOS

TPD

TYP

UNO

VCT

REQ'D

PSF

OD

MECH

ABBREVIATIONS

ANCHOR BOLT

ALUMINUM

ALTERNATE

BOTTOM OF

BEARING

BLANKET

CEILING

COLUMN

CARPET

CONCRETE

CONTINUOUS

CERAMIC TILE

DRINKING FOUNTAIN

CENTER LINE

DIAMETER

DIAGONAL

DOWN

EACH

DIMENSION

DOWN SPOUT

DRIVE THRU

DRAWING

EACH FACE

ELECTRICAL

ELEVATION

EACH WAY

FLOOR DRAIN

FINISH FLOOR

FOUNDATION

FIRE RATED

GALVANIZED

HANDICAPPED

HOLLOW METAL

INSIDE DIAMETER

INFORMATION

INSULATION

KIP (1,000 LBS)

KIPS PER SQUARE INCH

JOINT

HORIZONTAL

HARDWARE

GYPSUM WALL BOARD

FOOTING

GAUGE

FIRE EXTINGUISHER

GENERAL STRUCTURAL NOTES

HEATING, VENTILATION & AIR CONDITIONING

INTL. CONFERENCE OF BUILDING OFFICIALS

INTERNATIONAL MECHANICAL CODE

EXISTING

FLOOR

EQUAL

EXPANSION JOINT

CLEAR

BOARD

ASPHALT

ALT

ASPH

ASTM

AT BO

BOT

BRG

BD

CJ

CLG

CLR

CMU

COL

CONC

CONT

CPT

CT

C/L

DBL

DF

DIAG

DIM

DN

DS

D/T

EA

EQ

EW

FD

FF

FLR

FND

FR

FT

FTG

GA

GSN

GALV

HDW

HORIZ

HVAC ICBO

ID

INFO

INSUL

HI

GYPBD

DWG

ELEV / EL

BLKT

ARCHITECTURAL

ALUMINUM THRESHOLD

CENTER LINE / CHANNEL

CONCRETE MASONRY UNIT

COMPLETE JOINT PENETRATION

CONTROL JOINT

AIR CONDITIONING ABOVE FINISH FLOOR

AIR HANDLING UNIT

AMERICAN CONCRETE INSTITUTE

AMERICAN INSTITUTE OF STEEL CONSTRUCTION

AMERICAN SOCIETY FOR TESTING AND MATERIAL

AMERICAN NATIONAL STANDARDS INSTITUTE

ALL COMMON SURFACES

OWNER & CONSULTANTS

OWNER: RSPM, LLC 1326 Oakdale Jonesboro, Arkansas 72401 James McDaniel - PRESIDENT

ODOM ARCHITECTURE PLLC DARREL ODOM AIA LEED AP BD+C 806 MIDLAND STREET LITTLE ROCK, AR 72205 501-574-4007

darrel@odomarchitecture.com **CIVIL ENGINEER:** Jeremy Bevill, PE, CFM Civil Engineer FISHER ARNOLD 1801 Latourette Drive Jonesboro, AR 72404 PO Box 94798 870.623.0860 Cell

jbevill@fisherarnold.com STRUCTURAL ENGINEER: LARRY SCHMALZ, PE 109 East Walnut Paris, Arkansas 72865 (479) 963-1577 lschmalz@schmalzeng.com

REMARKS

ROOM NAME

ROOM NUMBER

ELEV. DATUM POINT

- EQUIPMENT NUMBER

BY

Plumbing Review Engineering Section – MS37 4815 West Markham Little Rock, AR 72205 Phone -501-661-2642 Environmental Health Protection-Food Service Section Phone -501-661-2171

JAMES PRIMM, PE, LEED AP, HFDP PO Box 94798 North Little Rock, AR 72190 501-379-9693

james.primm@aecllc.us PLUMBING ENGINEER: PO Box 94798 North Little Rock, AR 72190 501-379-9693

james.primm@aecllc.us **ELECTRICAL ENGINEER:** JAMES PRIMM, PE, LEED AP, HFDP

North Little Rock, AR 72190 501-379-9693

james.primm@aecllc.us

GOVERNMENTAL AGENCIES

CITY OF JONESBORO DERREL SMITH-DIRECTOR PLANNING & ZONING DEPARTMENT 300 SOUTH CHURCH P.O. BOX 1845 JONESBORO, AR 72403 870-932-0406 EXT-4130 derrel.smith@jonesboro.org

ARKANSAS DEPARTMENT OF HEALTH

UTILITY SERVICE REQUIREMENTS

ELECTRICAL: (PROVIDING AGENCY) Architectural Engineering Consultants, LLC POWER: 208V / 3 PHASE /4W / 600 AMPS. TOTAL CONNECTION LOAD: 220.53 KVA TOTAL SEE SHEET E3 FOR BREAKDOWN OF THE **ELECTRICAL SERVICE CONNECTED LOAD**

TELEPHONE: (PROVIDING AGENCY)

Architectural Engineering Consultants, LLC 2" CONDUIT 25 PAIR WIRE- (OWNER REQUIREMENT) WATER: (PROVIDING AGENCY)

WATER SERVICE: 1.5 DIAM.

IRRIGATION: (PROVIDING AGENCY) Architectural Engineering Consultants, LLC LANDSCAPING: (VERIFY WITH OWNER IF USED) SIZE PER ZONE - REFER TO PLAN FOR DESIGN.

SEWER: (PROVIDING AGENCY)

WASTE SERVICE: SANITARY LINE 4" DI/ REFER TO PLANS FOR DESIGN. GREASE LINE 4" DIAN

GAS: (PROVIDING AGENCY) NATURAL GAS SERVICE: 3"GAS LINE, 7" TO 8" WC OUTLET GAS LOAD: 1,700 MBH NOTE: SEE SHEET P3 FOR A BREAKDOWN OF THE GAS LOADS

GENERAL NOTE: VERIFY ALL SERVICE REQS. W/ THE LOCAL UTILITY CITY AGENCIES.

CODE / PROJECT DATA

BUILDING CODE:

ENERGY CODE:

KITCHEN (NET):

WALK-IN (NET):

FIRE CODE:

PLUMBING CODE:

ELECTRICAL CODE:

MECHANICAL CODE:

ACCESSIBILITY CODE:

OCCUPANCY CLASSIFICATION:

BUILDING OCCUPANT LOAD:

AFPC 2012

ARKANSAS PLUMBING CODE 2006 EDITION

NATIONAL ELECTRIC CODE, 2017 EDITION

ARKANSAS ENERGY CODE 2014 EDITION

TYPE VB - UNPROTECTED, UNSPRINKLERED

ASSEMBLY A-2 (RESTAURANT)

148 SF

54 BASIS (SEATING & EMPLOYEES)

ARKANSAS MECHANICAL CODE 2012 EDITION

ARKANSAS ADA STANDARD CODE 2010 EDITION

BUILDING AREA CALCULATIONS

RESTROOM (NET): 753 SF 2,092 SF 2,516 SF **3UILDING AREA (GROSS):** 6,000 SF - 1 STORY ALLOWABLE BUILDING AREA: **BUILDING HEIGHT:** 40'-0" ALLOWABLE 21'-10" PROVIDED

STRUCTURAL:

TOP CHORD (ROOF) DEAD LOAD -----(see structural drawings) LIVE LOAD -----(see structural drawings) ADD. EQUIP. LOAD (see structural drawings)

BOTTOM CHORD (see structural drawings) DEAD LOAD -----(see structural drawings) TOTAL DESIGN LOAD (see structural drawings) = WIND SPEED:

DINING AREA DOOR #1 @ 6'-0" = 72" DOOR #3 @ 3'-0" = 36"

FIXTURES REQUIRED (PER OCCUPANTS) MEN WOMEN 1/75 1/75

SEATING/TABLE CALCULATIONS

DINING AREA: SEATS/TABLES SEATS/BOOTHS COUNTER SEATS TOTAL SEATS 12/3

PROJECT RESPONSIBILITY CHART

CHIPMENT				
EQUIPMENT SMALLWARE	•		•	
EXTERIOR SIGNS (DIRECT., PYLON)	_		•	
N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
BLDG. SIGN INTERNALLY ILLUMINATED	•			
DRINK SYSTEM CO2 TANK			9	
			•	
SECURITY SYSTEMS	•		•	
DRIVE THRU SYSTEM	•		•	
POINT OF SALE SYSTEM	•		•	
POPEYES RADIO - MUZAK / RETAIL RADIO	•		•	
FLAT SCREEN TV (32" MINIMUM)	•			•
METAL PACKAGE: CLEARANCE BAR, DUMPSTER GATE, RAILING CHUTTERS, AWNINGS, INTERIOR ROOF ADDER, DRIVE-THRU WINDOW CANOPY & REAR ENCLOSURE GATE	•			•
CORNER GAURDS	•			•
BUILDING SIGN VERIFY WITH OWNER AND JURISDICTION)	•		•	
RONT COUNTERS/SOLID SURFACES AND MATCHING BACKSPLASH	•			•
PRIVE-THRU WINDOW		•		
RESTROOM FIXTURES &		•		•
ACCESSORIES - SEE SHEET A15				
HVAC SYSTEM		•		
IGHTING PACKAGE		•		•
ROOFING		•		•
NTERIOR DECOR/FURNITURE SUPPLIER: SEATING PACKAGE, ARTWORK, DFFICE CABINETS, WOOD WALL FRAMES, VINDOW SILLS, AND P - RING	•			•
STOREFRONT		•		•
STONE VENEER		•		•
EIFS/STUCCO		•		•
PAINT/STAINS		•		•
RYER GREASE REMOVAL SYSTEM VERIFY WITH OWNER)	•		•	
VATER HEATER		•		•
0 GA S/S AT DRIVE THRU		•		•
S/S CEILING PANELS AND TRIM VERIFY SIZE WITH LOCAL AUTHORITY)		•		•
MENUBOARDS (DIGITAL.)	•		•	
MENUBOARDS (D.T., PREVIEW BD.)	•			•
DRIVE-THRU LOOP SYSTEM	•			•
NTERIOR SIGNS	•			•
NTERIOR TILE		•		•
OOR AND DOOR HARDWARE		•		

RESPONSIBILITIES TO BE VERIFIED AND FINALIZED WITH OWNER PRIOR TO BIDDING AND AT PRE-CONSTRUCTION MEETING. TYPE OF BUILDING SIGN TO BE DECIDED DURING PERMITTING.

4. PAPER TOWELS AND SOAP REPLENISHMENT ARE THE RESPONSIBILITY OF THE OWNER UNDER A SEPARATE AGREEMENT WITH A SUPPLIER.

SHEET INDEX:

SECURITY SYSTEMS			•					
DRIVE THRU SYSTEM	•		•				SHT. NO.	
POINT OF SALE SYSTEM	•		•		CS1	COVER SHEET	174	EQUIPMENT DRAWINGS
POPEYES RADIO - MUZAK / RETAIL RADIO	•		•		BR	BIDDING REQUIREMENTS	K1	EQUIPMENT PLAN
FLAT SCREEN TV (32" MINIMUM)	•			•		SITE DRAWINGS	K2a	EQUIPMENT SCHEDULE
METAL PACKAGE:					V1	SURVEY	K2b	EQUIPMENT SCHEDULE
CLEARANCE BAR, DUMPSTER GATE, RAILING, SHUTTERS, AWNINGS, INTERIOR ROOF	•			•	C1	EROSION & SEDIMENT CONTROL PLAN	K3	EQUIPMENT DETAILS
ADDER, DRIVE-THRU WINDOW CANOPY &					C2	SITE PLAN	K4	DUAL LINE SHOP DRAWINGS
REAR ENCLOSURE GATE					C3	SIDEWALK PLAN SHEET		MECHANICAL DRAWINGS
					C4	GRADING & DRAINAGE PLAN	MO	MECHANICAL SPECIFICATIONS
CORNER GAURDS	•			•	C5	UTILITY PLAN	M1	MECHANICAL PLAN & SCHED.
BUILDING SIGN					C6	CONSTRUCTION DETAILS	M2	HVAC ROOF PLAN & DETAILS
(VERIFY WITH OWNER AND JURISDICTION)			•		SD1	DUMPSTER & CANOPY DETAILS	МЗ	HOOD DETAILS
FRONT COUNTERS/SOLID SURFACES	•			•	SD2	SITE ACCESSORIES & DETAILS	M4	HOOD DETAILS
AND MATCHING BACKSPLASH DRIVE-THRU WINDOW					SD3	PAVEMENT & SIDEWALK DETAILS	M5	INTERLOCK PANEL DETAILS
					SD4	LANDSCAPE DETAILS	M6	FRYER HOOD DETAILS
RESTROOM FIXTURES & ACCESSORIES - SEE SHEET A15		•		•	SD5	SITE SPECIFICATIONS	M7	CAPTIVE AIRE DETAILS
HVAC SYSTEM		•		•	SD6	LANDSCAPE PLAN		PLUMBING DRAWINGS
LIGHTING PACKAGE		•		•			P0	SPECIFICATIONS & NOTES
ROOFING		•				STRUCTURAL DRAWINGS	P1	WASTE & VENT PLAN
NTERIOR DECOR/FURNITURE SUPPLIER:					S1	FOUNDATION PLAN	P2	WATER & GAS PLAN
SEATING PACKAGE, ARTWORK,	•			•	S2	FOUNDATION SECTIONS	P3	RISER DIAGRAMS
OFFICE CABINETS, WOOD WALL FRAMES, WINDOW SILLS, AND P - RING					S3	FRAMING PLAN	P4	PLUMBING DETAILS
STOREFRONT		•		•	S4	FRAMING SECTIONS		ELECTRICAL DRAWINGS
STONE VENEER		•		•		ARCHITECTURAL DRAWINGS	E0	ELECTRICAL SPECIFICATIONS
EIFS/STUCCO		•		•	A1	FLOOR PLAN	E1	LIGHTING RCP & SCHEDULE
PAINT/STAINS		•		•	A2	FLOOR FINISH PLAN & FINISH SCHEDULE		POWER PLAN
FRYER GREASE			1000		A3	REFLECTED CEILIN PLAN	E2a	NCA CONTROL PANEL
REMOVAL SYSTEM (VERIFY WITH OWNER)	•		•		A4	ROOF PLAN & DETAILS	E3	PANEL SCHEDULES
WATER HEATER		•		•	A5	FRONT & REAR EXTERIOR ELEVATIONS	E4	FRONT OF SALE PLAN
20 GA S/S AT DRIVE THRU		•		•	A6	LEFT & RIGHT EXTERIOR ELEVATIONS	E5	SECURITY PLAN
S/S CEILING PANELS AND TRIM		•		•	A7	BUILDING SECTIONS		0200111112/111
(VERIFY SIZE WITH LOCAL AUTHORITY)					A8	EXTERIOR WALL SECTIONS		
MENUBOARDS (DIGITAL.)	•		•		A9	EXTERIOR WALL SECTIONS		
MENUBOARDS (D.T., PREVIEW BD.)	•			•	A10	EXTERIOR DETAILS		
DRIVE-THRU LOOP SYSTEM	•			•	A11	AWNING & BALCONY DETAILS		
NTERIOR SIGNS	•			•				
NTERIOR TILE		•		•	A12 A12a	DINING ROOM ELEVATIONS & DETAILS DIGITAL MENUBOARD ELEV & DETAILS		
OOR AND DOOR HARDWARE		•						
OTES:		O DDO "	FOT		A12b	"H" COUNTER SEATING ELEV & DETAILS		
G.C. TO INCLUDE RESPONSIBILITIES IN THE RESPONSIBILITIES TO BE VERIFIED AND FIN				OR	A13	KITCHEN ELEVATIONS		
TO BIDDING AND AT PRE-CONSTRUCTION M	IEETING.				A14	COOLER & COUNTER SECT & DETAILS		
TYPE OF BUILDING SIGN TO BE DECIDED DU FURNITURE SUPPLIER TO INCLUDE ALL WIN					A15	ENLARGED RESTROOM PLAN & ELEV'S		
CORNER GUARDS IN DINING AREA, INCLUDI				DING	A16	OFFICE & MOPSINK ELEV, MISC. DETAILS		
IF NEEDED. PAPER TOWELS AND SOAP REPLENISHMENT ARE THE RESPONSIBILITY					A17	DOOR & WINDOW SCHED, ELEV, DETAILS	6	
OF THE OWNER UNDER A SEPARATE AGRE					A18	LK RING/SPICE WALL SEATING & DETAILS	8	

DOOR #4 @ 3'-6" = 42" MEN WOMEN LAV 1/200 1/200 **URN**

0 Midland

DATE: 3/11/19 PROJECT NUMBER:

SHEET TITLE:

PLOT DATE: 3/18/2019 2:09:55 PM **REVISION & DATE:**



WITHOUT ADDITIONAL COST TO THE OWNER.

- **EXPLANATION TO BIDDERS:** A. NO ORAL EXPLANATION IN REGARD TO THE MEANING OF THE DRAWINGS AND SPECIFICATIONS WILL BE MADE AND NO ORAL INSTRUCTIONS WILL BE GIVEN BEFORE THE AWARD OF THE . DISCREPANCIES, OMISSIONS, OR DOUBTS AS TO MEANING OF THE DRAWINGS AND SPECIFICATIONS SHALL BE COMMUNICATED IN WRITING TO THE OWNER FOR INTERPRETATION. IN THE EVENT OF UNRESOLVED DISCREPANCIES OR AMBIGUITY, ARCHITECT OF RECORD WILL BE THE FINAL JUDGE ON PLAN INTERPRETATION. BIDDERS SHOULD ACT PROMPTLY AND ALLOW SUFFICIENT TIME FOR A REPLY TO REACH THEM BEFORE THE 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 BIDDERS AND ITS RECEIPT BY THE BIDDER SHOULD BE ACKNOWLEDGED BY THE BIDDER BY HIS SIGNATURE AFFIXED THERETO AT THE TIME OF RECEIPT AND VERIFIED BY HIS ACKNOWLEDGMENT ON THE
- B. EACH PROSPECTIVE BIDDER WILL BE FURNISHED BIDDING DOCUMENTS TO COMPLETE THEIR BID.
- PREPARATION & SUBMISSION OF BIDS 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 PRICES ON SUCH ALTERNATE TYPE OR
- METHOD OF CONSTRUCTION. B. 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. BIDS CONTAINING ANY CONDITIONS, OMISSIONS. UNEXPLAINED ERASES OR ALTERNATES, OR ITEMS NOT CALLED FOR IN THE PROPOSAL, OR IRREGULARITIES OF ANY KIND, MAY BE REJECTED BY THE OWNER AS BEING INCOMPLETE.
- BIDS SHALL BE ACCOMPANIED BY ONE (1) SIGNED COPY OF POPEYES STANDARD "BID ANALYSIS" FORM. AS INDICATED ON THE FORM, INDIVIDUAL LINE ITEMS ARE TO BE SHOWN AT THE GENERAL CONTRACTOR'S COST WITH NO MARKUP FOR OVERHEAD OR PROFIT BY THE GENERAL CONTRACTOR. HOWEVER, EACH LINE ITEM SHALL INDICATE THE FULL VALUE OF SUBCONTRACTOR WORK INCLUDING SUBCONTRACTOR'S OVERHEAD AND PROFIT SUPERVISION, OVERHEAD, AND PROFIT FOR THE GENERAL CONTRACTOR'S WORK SHALL BE SHOWN ON THE APPROPRIATE
- THE OWNER RESERVES THE RIGHT TO DETERMINE WHAT ARE INFORMALITIES IN THE MAKING, RECEIVING, AND OPENING OF BIDS AND THE AWARDING OF S THEREON, AND THE FURTHER RIGHT 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 BIDS. STANDARD FORMS AIA DOCUMENT A305 - CONTRACTORS QUALIFICATIONS
 - STATEMENT. 2. AIA DOCUMENT G701 - CHANGE ORDER. AIA DOCUMENT G702 - APPLICATION AND CERTIFICATE OF PAYMENT. THIS DOCUMENT SUMMARIZES THE AMOUNT, WORK COMPLETED, STORED MATERIALS, RETAINAGE, PREVIOUS CERTIFICATES OF PAYMENT, AND
 - THE CURRENT AMOUNT DUE 4. AIA DOCUMENT G703 - CONTINUATION SHEET (ONE (1) OR MORE SHEETS AS REQUIRED). THIS DOCUMENT DETAILS THE AMOUNTS SUMMARIZED ON DOCUMENTS G702. IT PROVIDES A PROJECT 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 IDENTIFIED AS "G.C. LABOR". THIS DOES NOT INCLUDE ANY LABOR PAID TO A THIRD PARTY. MATERIALS TAKEN FROM THE CONTRACTOR'S INVENTORY SHOULD BE LISTED AS "G.C. MATERIALS". THIS MAY NOT INCLUDE MATERIALS DELIVERED DIRECTLY TO THE JOB SITE OR IDENTIFIED IN ANY WAY THE SUPPLIER WITH POPEYES LOUISIANA KITCHEN, INC. CONTRACTOR'S OVERHEAD AND PROFIT SHALL BE SHOWN AS A SEPARATE LINE ITEM. IF SUBCONTRACTOR 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 CONTRACTOR'S OVERHEAD AND PROFIT LINE. UNLESS A CHANGE ORDER IS INVOLVED, THE TOTAL AMOUNT SHALL REMAIN THE SAME.
 - 5. CERTIFICATE OF SUBSTANTIAL COMPLETION, AIA DOCUMENT A704.
 - CERTIFICATE OF INSURANCE, AIA DOCUMENT G705. 7. AIA DOCUMENT G706 - CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS - IN THIS DOCUMENT, THE CONTRACTOR SWEARS THAT ALL SUCONTRACTBORS AND MATERIALMEN ARE DISCLOSED
 - ON G703 AND THAT EACH HAS BEEN PAID. 8. AIA DOCUMENT G706A - CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS - IN THIS DOCUMENT, THE CONTRACTOR SWEARS THAT ALL SUBCONTRACTORS AND MATERIALMEN ARE LISTED ON G703 AND THAT WAIVERS OF LIENS, HIS OWN INCLUDED, ARE ATTACHED. 9. AIA DOCUMENT G805 - LIST OF SUBCONTRACTORS
 - 10. AIA DOCUMENT G713 CHANGE ORDER AUTHORIZATIONS.
 - 11. CONSENT OF SURETY (SURETY COMPANY'S FORM). 12. PARTIAL WAIVER OF LIEN FORM - IN THIS FORM, THE CONTRACTOR, SUBCONTRACTORS AND MATERIALMEN WAIVE THEIR RIGHT TO FILE 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, SUBCONTRACTORS AND MATERIALMEN WAIVE THEIR RIGHT TO FILE A LIEN FOREVER. 14. CONTRACTOR'S AFFIDAVIT OF DISCLOSURE OF DEBTS AND CLAIMS. IN THIS DOCUMENT, THE CONTRACTOR SWEARS THAT ALL DEBTS AND CLAIMS ARE DISCLOSED.

KITCHEN."CONSTRUCTION AGREEMENT" FOR ALL

- 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 THE FOR CONSTRUCTION SHALL BE POPEYES LOUISIANA

CONSTRUCTION. **GENERAL CONDITIONS**

A. THE "GENERAL CONDITIONS OF THE FOR CONSTRUCTION", STANDARD FORM OF THE AMERICAN INSTITUTE OF ARCHITECTS, FORM A-201, LATEST EDITION, ARE HEREBY EXCEPT AS THE SAME MAY BE INCONSISTENT HEREWITH, MADE A PART OF THIS SPECIFICATION. COPIES ARE TO BE OBTAINED AND ARE INCORPORATED BY REFERENCE AND HEREBY MADE A PART OF THE .

- B. WHERE ANY ARTICLE OF THE AIA "GENERAL CONDITIONS" IS SUPPLEMENTED HEREBY THE AIA PROVISION OF SUCH ARTICLE SHALL REMAIN IN EFFECT. ALL THE SUPPLEMENTARY CONDITIONS SHALL BE CONSIDERED AS IF ADDED 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.
- C. THE GENERAL CONDITION SUPPLEMENTARY CONDITIONS AND APPLICABLE PORTIONS OF DIVISION I OF THE SPECIFICATIONS APPLY TO ANY AND ALL SUBSEQUENT SECTIONS OF THESE
- D. WHERE ANY ARTICLE OR PORTION OF AN ARTICLE CONFLICTS WITH THE LAWS OF THE STATE OF THE LOCATION OF THE PROJECT, SUCH ARTICLE, OR PORTION OF THE ARTICLE IS HEREBY STRICKEN.
- E. "CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE 2010 AMERICANS WITH DISABILITIES ACT TITLE II (28 CFR PART 35) AND TITLE III (28 CFR PART 36) AND THE REGULATIONS PROMULGATED IN ACCORDANCE THEREIN. OR 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 TO COMPLY WITH SAID ACT".
- **ARTICLE 3 CONTRACTOR:** A. ARTICLE 3.4 LABOR AND MATERIALS OF SAID "GENERAL CONDITION" PARAGRAPH 4.4.3 IS HEREBY ADDED AS FOLLOWS: "ALL CONTRACTORS AND SUBCONTRACTORS EMPLOYED UPON THE WORK SHALL BE REQUIRED TO CONFORM TO THE FEDERAL STATE, AND LOCAL LABOR LAWS AND VARIOUS ACTS AMENDATORY AND SUPPLEMENTARY THERETO, AND TO ALL OTHER LAWS, ORDINANCES, AND LEGAL REQUIREMENTS APPLICABLE THERETO.
- B. ARTICLE 3.6 TAXES OF SAID "GENERAL CONDITIONS" PARAGRAPH 3.6.1 IS HEREBY AMENDED AND SUPPLEMENTED AS FOLLOWS: "THE CONTRACTOR SHALL PAY FOR ALL TAXES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. BOTH TEMPORARY AND PERMANENT." C. ARTICLE 3.7 PERMITS, FEES AND NOTICES OF SAID "GENERAL
- 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 OWNER ANY CONFLICTS, OMISSIONS, DELETIONS, OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS WHICH DO NOT CONFORM TO APPLICABLE ZONING, CODE AND OTHER USE REGULATIONS AND/OR TO THE AMERICANS WITH DISABILITIES ACT AND REGULATIONS PROMULGATED THEREUNDER. THE CONTRACTOR SHALL NOT BE LIABLE TO THE OWNER OR THE ARCHITECT FOR ANY DAMAGES RESULTING FROM ANY SUCH ERRORS EXCEPT THAT SHALL BE FULLY AND EXCLUSIVELY LIABLE UPON FAILURE TO PUT ARCHITECT ON NOTICE OF SAID CONFLICTS, OMISSIONS, DELETIONS, OR ERRORS."
- D. ARTICLE 3.15 CLEANING UP OF SAID "GENERAL CONDITIONS" PARAGRAPH 3.15.1 HEREBY AMENDED AND ADDED AS FOLLOWS "HE SHALL REMOVE FROM THE JOB SITE ALL CRATES, PACKING, DEBRIS, ETC. FROM KITCHEN EQUIPMENT. HE SHALL BROOM CLEAN THE BUILDING INTERIOR DAILY. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL LEAVE THE BUILDING CLEANED DUST FREE, CLEAN ALL GLASS, REPLACE ANY BROKEN GLASS, REMOVE STAINS, SPOTS, MARKS AND DIRT FROM DECORATED WORK, CLEAN HARDWARE, REMOVE PAINT SPOTS FROM ALL SURFACES, CLEAN FIXTURES, AND WASH ALL TILE FLOORS 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
- 2. COMPREHENSIVE GENERAL LIABILITY: 2.1. \$1,000,000 PER COOURANCE COMBINED - SINGLE LIMIT 2.2. \$2,000,000 AGGREGATE
- 3. OWNED AND NON-OWNED AUTOMOBILE LIABILITY: \$500,000 PER OCCURRENCE ALL INSURANCE POLICIES AND CERTIFICATES FOR WORK PERFORMED FOR POPEYES LOUISIANA KITCHEN SHALL
- 4. EXCESS (UMBRELLA) LIABILITY: \$2,000,000 PER OCCURRENCE SHOW THE OWNER AS AN ADDITIONAL NAMED INSURED PARTY. THEY MUST ALSO STATE THAT THE COVERAGE AFFORDED UNDER THE POLICIES SHALL NOT BE CANCELED WITHOUT THIRTY (30) DAYS 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.
- B. ARTICLE 11.3 PROPERTY INSURANCE OF SAID "GENERAL CONDITIONS" IS HEREBY AMENDED AND MODIFIED AS FOLLOWS: INSURANCE: FOR PROJECTS WHERE POPEYES LOUISIANA KITCHEN IS THE OWNER, THE CONTRACTOR SHALL PROVIDE THE BUILDER'S RISK INSURANCE.

SCHEDULE

STANDARD

ESTIMATED DAYS

THE INSURANCE SHALL BE IN AN AMOUNT EQUAL TO THE TOTAL AMOUNT OF THE, 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 CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR 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 POPEYES LOUISIANA KITCHEN. ONE COPY WILL BE SENT DIRECTLY TO POPEYES LOUISIANA KITCHEN'S

CONSTRUCTION MANAGER CLAIMS FOR DAMAGES MUST BE REPORTED TO POPEYES LOUISIANA KITCHEN'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 POPEYES LOUISIANA KITCHEN'S INSURANCE DEPARTMENT, 400 PERIMETER CENTER TERRACE, SUITE 1000, ATLANTA, GA 30346, AND SEND THE COPY TO POPEYES LOUISIANA KITCHEN'S DESIGN & CONSTRUCTION DEPARTMENT (SAME ADDRESS). THE CONTRACTOR SHALL RETAIN THE THIRD COPY FOR HIS FILES. BLANK FORMS ARE AVAILABLE FROM POPEYES LOUISIANA KITCHEN'S INSURANCE DEPT.

ARTICLE 7 - CHANGES IN THE WORK: A. ARTICLE 7.2 CHANGE ORDERS OF SAID "GENERAL CONDITIONS" SUBPARAGRAPH 7.2.1 IS HEREBY EXTENDED AS

- 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
- 5. WITH EACH PROPOSAL FOR A CHANGE INVOLVING INCREASE OR DECREASE IN THE AMOUNT OF THE CONTRACT, THE CONTRACTOR SHALL SUBMIT SEPARATELY AN ITEMIZED BREAKDOWN THAT WILL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING
- 5.1. MATERIAL QUANTITIES AND UNIT PRICES (SEPARATED INTO TRADES). PROVIDE BONA FIDE MANUFACTURER'S OR SUPPLIERS' PROPOSALS FOR MANUFACTURED OR PRE ASSEMBLED ITEMS. 5.2 LABOR COST
- 5.3. CONSTRUCTION EQUIPMENT WORKMEN'S COMPENSATION AND PUBLIC LIABILITY 5.5. OVERHEAD
- 5.6. PROFIT
- 5.7. SOCIAL SECURITY TAX SUPPLEMENTARY CONDITIONS PAYMENT TO CONTRACTOR:
- A. MONTHLY PAYMENT MONTHLY PAYMENT: MONTHLY PROGRESS PAYMENTS SHALL BE PAID BY THE OWNER FOR 90% OF THE WORK COMPLETED AND MATERIALS STORED AS OF THE LAST DAY OF EACH MONTH. PAYMENTS MAY BE MADE BY 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 ORDER 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 AMOUNT PRIOR TO DOING

- 1.1. JOINT PAYEE BASIS: CONTRACTORS WILL MAKE APPLICATION TO POPEYES LOUISIANA KITCHEN 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 DOCUMENTATION (EXPLANATION OF THESE FORMS ARE GIVEN UNDER STANDARD FORMS)
- 1.1.1. Ala Document G702 Application and CERTIFICATE OF PAYMENT.
- CONTRACTOR'S AFFIDAVIT OF DISCLOSURE OF DEBTS AND CLAIMS. THIS FORM WILL BE PROVIDED BY POPEYES LOUISIANA KITCHEN, INC. 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
 - AND MATERIAL SUPPLIER REFLECTED ON THE CONTRACTOR'S PARTIAL WAIVER OF LIENS FOR ALL WORK AND MATERIALS COMPLETED THROUGH THE BILLING DATE FOR THE OR AND FOR EACH SUBOR AND MATERIAL SUPPLIER REFLECTED ON THE APPLICATION WILL BE EXECUTED BY THE JOINT PAYEE CHECK ENDORSEMENT AS FOLLOWS:

10

CONTRACTOR AND FOR EACH SUBCONTRACTOR

ALL PAYEES MUST SIGN THIS DISCHARGE: "ALL CLAIMS, INTEREST, AND DEMANDS OF THE UNDERSIGNED 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 CONSTRUCTION SITE, THE ENDORSEMENT MUST NOT BE ALTERED OR QUALIFIED IN ANY WAY.

- REIMBURSEMENT BASIS: CONTRACTORS WILL PAY ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS AND MAKE PRESENTATION TO POPEYES LOUISIANA KITCHEN 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):
- 1. AIA DOCUMENT G702 APPLICATION AND CERTIFICATE FOR PAYMENT AIA DOCUMENT G703 - CONTINUATION SHEET.
- 3. AIA DOCUMENT G706 OR'S AFFIDAVIT OF PAYMENT OF **DEBTS AND CLAIMS** 4. AIA DOCUMENTS G706A - CONTRACTOR'S AFFIDAVIT OF
- RELEASE OF LEINS. 5. PARTIAL WAIVER OR LEIN FORM.
- B. FINAL PAYMENT CONTRACTORS WILL MAKE APPLICATION TO POPEYES LOUISIANA KITCHEN, INC. OR OWNER/FRANCHISEE FOR THE FINAL PAYMENT. THE REQUEST WILL BE SUPPORTED BY THE ORIGINALS OF THE FOLLOWING DOCUMENTATION (EXPLANATIONS OF THESE FORMS ARE GIVEN UNDER STANDARD FORMS
 - . AIA DOCUMENT G702 APPLICATION AND CERTIFICATE FOR PAYMENT AIA DOCUMENT G703 - CONTINUATION SHEET.
 - 3. AIA DOCUMENT G706 OR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS.
 - 4. AIA DOCUMENTS G706A CONTRACTOR'S AFFIDAVIT OF RELEASE OF LEINS.
 - 5. AIA DOCUMENT G805 LIST OF SUBCONTRACTORS WITHIN THIRTY (30) DAYS AFTER RECEIPT OF THE FILING FOR FINAL PAYMENT, THE OWNER SHALL PAY TO THE OR THE AMOUNT THEREIN STATED, LESS ALL DEDUCTIONS AUTHORIZED BY THE TERMS OF THIS AND PRIOR PAYMENTS AND ADVANCES WHATSOEVER TO CONTRACTOR 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 CALLED FINAL PAYMENT. FINAL PAYMENT SHALL BE SUBJECT TO INSPECTION AND ACCEPTANCE BY THE OWNER OR DULY AUTHORIZED REPRESENTATIVES OF THE OWNER, AND BY THE REPRESENTATIVES OF ALL AGENCIES HAVING DIRECT INTEREST IN THE PROJECT. QUESTIONS REGARDING APPLICATIONS CAN BE RESOLVED BY CONTACTING POPEYE'S CONSTRUCTION **MANAGER**
- 2. CERTIFICATE OF SUBSTANTIAL COMPLETION: THE DATE OF THIS CERTIFICATE SHALL SERVE AS THE TIME FOR COMPUTING THE GUARANTEE PERIOD OF THE BUILDING UNLESS OTHERWISE AGREED UPON. 3. OWNER'S USE AND OCCUPANCY OF BUILDING BEFORE
- ACCEPTANCE OF CONSTRUCTION THE OWNER, FOR OCCUPANCY OF THE BUILDING DESCRIBED IN THE DRAWINGS, MAY TAKE POSSESSION OF AND USE SAME AS HE SO DESIRES UPON A SUBSTANTIAL COMPLETION OF THE . ALSO FURTHER UPON RELIEVING THE OR OF ANY DAMAGE DONE TO THE BUILDING DUE SOLELY TO SUCH OCCUPANCY BY SAID OWNER BUT UNDER NO CIRCUMSTANCES SHALL SUCH OCCUPANCY BE AN ACCEPTANCE OF THE WORK FOR THE COMPLETION OF THE CONTRACT OR AN ACCEPTANCE OF THE LABOR DONE AND
- MATERIALS USED OR INSTALLED. 4. MANUFACTURED ITEMS IN THE SPECIFICATIONS: WHERE ITEMS ARE LISTED IN THE SPECIFICATIONS AND/OR "OR EQUAL" IS MENTIONED, THE MATERIALS LISTED SHALL BE USED. THESE MATERIALS SHALL BE INCLUDED IN THE BID SUBMITTED ON THE BID FORM. NO DEVIATION FROM THE MATERIALS LISTED SHALL BE MADE BY THE CONTRACTORS SUBMITTING BIDS. AFTER AWARD OF THE , THE CONTRACTOR MAY SUBMIT A SUBSTITUTE MATERIAL FOR THE ITEMS SPECIFIED AS AN "EQUAL" TO THE MATERIAL. SUCH REQUEST SHALL BE SUPPORTED BY TECHNICAL DATA SHOWING THAT THE MATERIALS OR SERVICE IS EQUAL TO THE ITEMS SPECIFIED AND STATING THE AMOUNT OF DECREASE OR INCREASE IN THE SUM. IF NO CHANGE IN THE SUM WILL BE MADE, STATE "NO CHANGE". THE 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 REING FINAL CHANGES TO THE SLIM WILL BE HANDLED BY

- 5. SALES TAX: 5.1. THIS PROJECT IS SUBJECT TO STATE AND LOCAL SALES TAX. INCLUDE SALES TAX ON ALL MATERIALS USED IN
- THE PROJECT. 5.2. WITH EACH REQUEST FOR PAYMENT, PROVIDE A CERTIFIED STATEMENT OF THE AMOUNT PAID FOR SALES TAX IN THE REQUESTED SUM.
- NONDISCRIMINATION CLAUSE: THE CONTRACTOR, HIS AGENT, OR HIS EMPLOYEES SHALL NOT DISCRIMINATE IN ANY MANNER ON THE BASIS OF RACE, COLOR, CREED, SEX, OR NATIONAL ORIGIN WITH REFERENCE TO THE SUBJECT MATTER OF THIS , NO MATTER HOW

DIVISION 1: GENERAL REQUIREMENTS SECTION 1A: GENERAL

- WORK TO BE PERFORMED UNDER THIS SHALL INCLUDE ALL DEMOLITION, SITE WORK, BUILDING CONSTRUCTION, AND IMPROVEMENTS TO THE PROPERTY DESIGNATED IN THE CONSTRUCTION DOCUMENTS. THE INTENT OF THE CONSTRUCTION IS TO PROVIDE A POPEYES RESTAURANT COMPLETE IN ALL RESPECTS WITH ALL WORK PERFORMED IN A QUALITY AND WORKMANLIKE MANNER WITH THE BUILDING READY FOR OCCUPANCY WHEN CONSTRUCTION IS COMPLETE.
- PROTOTYPE PLANS THE PLANS ARE DRAWN AS A PROTOTYPE TO BE BUILT IN MANY LOCATIONS. THE PROTOTYPE PLANS WILL BE SITE ADAPTED BY ARCHITECT/ENGINEER, TO MEET ALL NATIONAL, LOCAL CODES AND SITE DESIGN CRITERIA. THE LOCATION, SIZE, AND EXTENT OF SITE WORK AND SITE DETAILS ARE TO BE DETERMINED BY A FINAL SITE PLAN AND/OR GRADING PLAN AND/OR LANDSCAPING PLAN AND GEOTECHNICAL AND/OR ENVIRONMENTAL REPORTS TO BE PROVIDED BY THE OWNER.
- DEFINITIONS: "THE OWNER" AS USED HEREIN SHALL BE TAKEN TO MEAN POPEYES LOUISIANA KITCHEN, 400 PERIMETER CENTER TERRACE, SUITE 1000, ATLANTA, GA 30346, IN CASE OF COMPANY OWNED CONSTRUCTION. IN THE CASE OF CONSTRUCTION BY A LICENSEE OF POPEYES, "THE OWNER" SHALL BE TAKEN TO MEAN THE INDIVIDUAL LICENSEE HAVING CONTRACTED FOR THE CONSTRUCTION PROJECT. IN THE CASE OF A "BUILD-TO-SUIT' LEASE. "THE OWNER" SHALL BE TAKEN TO MEAN THE ACTUAL PROPERTY OWNER OR LANDLORD.
- STATE OF WORK WORK SHALL BE STARTED UPON WRITTEN ORDER OF THE OWNER, AND THE ENTIRE PROJECT SHALL BE COMPLETED AS STIPULATED IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THE DOCUMENTS. COOPERATION
- THE PRIME CONTRACTOR AND ALL SUBCONTRACTORS SHALL COORDINATE ALL WORK, ONE WITH THE OTHER, SO AS TO FACILITATE THE GENERAL PROGRESS OF THE WORK. EACH TRADE SHALL AFFORD ALL OTHER TRADES EVERY REASONABLE OPPORTUNITY FOR THE INSTALLATION OF THEIR WORK. 6. ENGINEERING AND LAYOUT:
- AS THE WORK PROGRESSES, THE GENERAL CONTRACTOR SHALL COOPERATE WITH ALL SUBCONTRACTORS IN CHECKING THE LOCATION OF ALL PARTITIONS, SO THAT ABSOLUTE ASSURANCE WILL BE OBTAINED THAT ALL ROUGHING IN OF CONCEALED WORK WILL BE CONFINED WITHIN PARTITIONS, OR SPACES AS INDICATED. 7. STANDARDS:
- ANY MATERIAL SPECIFIED BY REFERENCE TO THE NUMBER SYMBOL, OR TITLE OF A SPECIFIED STANDARD SUCH AS A COMMERCIAL STANDARD, A FEDERAL SPECIFICATION, A TRADE ASSOCIATION STANDARD, OR OTHER SIMILAR STANDARD, SHALL COMPLY WITH THE REQUIREMENTS IN THE LATEST REVISION THEREOF AND ANY AMENDMENTS THERETO. MANUFACTURER'S DIRECTIONS:
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, AND CONDITIONED AS DIRECTED BY THE MANUFACTURERS UNLESS HEREIN SPECIFIED TO THE
- 9. CLEANING AND TOUCH-UP: A. FOREIGN MATTER ON ANY EXPOSED SURFACE, WHICH WOULD AFFECT QUALITY OF FINISH PAINTING, SHALL BE REMOVED BY THE CRAFT RESPONSIBLE FOR ITS **PRESENCE**
- B. RESTORATION OF SHOP-PRIMING IF DAMAGE OCCURS BEFORE, DURING, OR AFTER ERECTION SHALL BE INCLUDED IN THE DIVISION UNDER WHICH THE ITEM IS TO BE FURNISHED AND INSTALLED.
- NO SIGNS OR ADVERTISEMENTS WILL BE ALLOWED TO BE DISPLAYED WITHOUT THE APPROVAL OF THE OWNER.
- 11. TEMPORARY UTILITIES: THE GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY WATER AND MINIMUM OF 120/240 SINGLE PHASE ELECTRICAL SERVICE FOR THE JOB SITE AND PAY FOR SAME. THE SUBCONTRACTORS ON THE JOB SHALL ARRANGE WITH THE GENERAL CONTRACTOR FOR THE USE OF THESE FACILITIES. THE GENERAL CONTRACTOR SHALL PROVIDE ANY HEAT OR TEMPORARY CLOSING-IN OF THE BUILDING WHICH MAY BE
- 12. TEMPORARY TOILET FACILITIES: THE GENERAL OR SHALL ERECT AND MAINTAIN IN A SAFE AND SANITARY CONDITION. A TOILET FACILITY FOR ALL WORKMEN ON THE JOB. THE TYPE OF FACILITY SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE LOCAL HEALTH DEPARTMENT.

13. WORK BY OTHERS: THE DOCUMENTS CALL FOR CERTAIN ITEMS TO BE SUPPLIED BY THE OWNER OR OTHERS AND INSTALLED BY THE GENERAL CONTRACTOR. OTHER ITEMS ARE TO BE FURNISHED AND INSTALLED BY THE OWNER OR OTHERS. THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND COOPERATE IN THE PREPARATION OF SURFACES, DIMENSIONS, AND UTILITIES FOR WORK TO BE PERFORMED BY THE OWNER OR BY OTHERS. SUBCONTRACTORS INSTALLING MECHANICAL, ELECTRICAL, AND PLUMBING SERVICES FOR FOOD SERVICE EQUIPMENT TO BE INSTALLED BY THE OWNER OR BY OTHERS ARE CAUTIONED THAT THE ROUGH-IN DIMENSIONS SHOWN ON THE PLANS ARE EXTREMELY CRITICAL. ERROR IN LOCATING SERVICES SHALL BE CORRECTED BY THE SUBCONTRACTOR PERFORMING THE ROUGH-IN WORK AT NO ADDITIONAL COST TO THE OWNER. FINAL ELECTRICAL CONNECTIONS TO FOOD SERVICE EQUIPMENT AND FINAL WATER DRAIN, GAS, AND VENTILATION

CONNECTIONS TO FOOD SERVICE EQUIPMENT SHALL BE AS

14. CONFLICTS AND ERRORS IF THERE IS A CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY INDICATED OTHERWISE BY THE OWNER OR OWNER'S REPRESENTATIVE. IT SHALL BE THE OR'S RESPONSIBILITY TO NOTIFY THE OWNER OR THE OWNER'S AGENT OF ANY CONFLICTS, OMISSIONS, DELETIONS, OR ERRORS IN THE PLANS OR SPECIFICATIONS ENCOUNTERED DURING THE BIDDING PERIOD AND THE COURSE OF CONSTRUCTION BEFORE CONTINUING THE WORK AFFECTED. SECTION 1B: BASE AND ALTERNATE BIDS

INDICATED IN THE EQUIPMENT SCHEDULE.

THE EXPLANATION IN THIS SECTION TOGETHER WITH THE INFORMATION LISTED IN OTHER SECTIONS OF THE SPECIFICATIONS SHOWN ON THE DRAWINGS AND/OR DESCRIBED IN THE INSTRUCTIONS TO BIDDERS IDENTIFY AREAS REQUIRED TO ACCOMPLISH THE BID REQUIREMENTS FOR ALTERNATE BIDS. INCLUDE ALL WORK SHOWN AND SPECIFIED HEREIN AND EXCLUDE MODIFICATIONS OF THE WORK STATED FOR

ALTERNATE BIDS. SUBMITTALS LITERATURE TRUSS DRAWINGS

HVAC UNITS, DIFFUSERS, GRILLS & THERMOSTATS **ELECTRICAL POWER DISTRIBUTION** BUILDING AND SITE LIGHTING PLUMBING FIXTURES RESTROOM ACCESSORIES

ROOF LADDER SUBMITTALS BY SEATING COMPANY AWNING DRAWINGS INTERIOR ROOF LADDER DRIVE THRU BALCONY

DUMPSTER GATES REAR ENCLOSURE GATE SOLID SURFACE COUNTERTOP SAMPLES GROUT COLORS

E.I.F.S. SYSTEM

FLOOR AND GROUT COLOR (KITCHEN & DINING) CHAIR RAIL AND STAIN WAINSCOT LAMINATE CEILING TILE AND GRID (KITCHEN & DINING)

E.I.F.S. COLORS OR EXTERIOR PAINTS

METAL MANSARD SOLID SURFACE COUNTERTOP

SUBTOTAL

SUBTOTAL

TOTAL

TYP CONSTRUCTION SCHEDULE

								CONSTRUCTION									TRAINING	OPEN	AME
ESTABLISH ONSTRUCTION SCHEDULE	OR MOBILIZATION	SURVEYOR BUILDING CORNERS AND TBM	BUILDING SLAB ROUGN-IN	BUILDING SLAB AND ROUGH FRAMING	ROOFING	INSULATION	DUROCK PLYWOOD DRYWALL	EXTERIOR FINISH E.I.F.S.	CEILING TILE	INSTALL SECURITY, MUSIC	INSTALL KITCHEN EQUIPMENT	EQUIPMENT PLUMBING ELECTRICAL CONNECTIONS	-	-	FINAL PUNCH AND TURN OVER	-	TRAINING PROCESS	RESTAURANT OPEN	ROJECT N
OR RECEIVES NOTICE TO PROCEED	-	BUILDING LAYOUT FORMWORK	UNDERGROUND ELECTRICAL ROUGH-INS	INSTALL HOODS AND HVAC ROOF CURBS	BUILDING ELECTRICAL ROUGH-INS	STOREFRONT GLASS & DOORS	FRP FRONT COUNTER	ELECTRICAL BUILDING AND SITE	DUMPSTER ENCLOSURE	SIGNS, MENU BOARDS, DRIVE THRU SYSTEM	SEATING, DECOR COUNTERS	CONSTRUCTION EQUIPMENT PUNCH LIST	-	-	FACILITIES IDENTIFICATION	-	-	-	<u>α</u>
FINALIZE ALL NATIONAL ACCOUNT QUOTES	-	ROUGH GRADING	UNDERGROUND PLUMBING ROUGH-INS	LOT LIGHT ANCHOR BOLTS	BUILDING PLUMBING ROUGH-INS	SITE WORK CURBS	-	INTERIOR FINISHES CARPENTRY DROP CEILING GRID	SITE WORK PAVING	AWNINGS, SHUTTERS	HOOD ANSUL SYSTEM	LANDSCAPING IRRIGATION	-	-	PROJECT COSTS SUMMARIZED	-	-	-	DATE: PROJECT NUME
-	-	-		SITE WORK UTILITIES ELECTRICAL PLUMBING STORM SEWER	BUILDING HVAC DUCTWORK	DRIVE THRU LOOP	-	DRIVE THRU BALCONY	INTERIOR DOORS, MILLWORK, STAIN AND PAINT	BALCONY RAILINGS, HAND RAILINGS, DUMPSTER GATES	METERS,	INTERIOR SIGNAGE, PLANTS, ARTWORK, WINDOW SHADES	-	-	-	-	-	-	SHEET TITLE: BIDDING REQUII
-	-	-	UNDERGROUND STORM SEWER	-	-	-	-	FLOOR TILE	-	-	INSTALL DRINK SYSTEM, CO2	CLEANING SUPPLIES, MATS	-	-	-	-	-	-	PLOT DATE: 2/19/2019 2
-	-	-	CONSTRUCTION IN-PROGRESS VISIT POPEYES CONSTRUCTION MANAGER	-	-	-	-	SITE WORK CONCRETE DRIVEWAYS DUMPSTER	-	-	CONSTRUCTION IN-PROGRESS VISIT POPEYES CONTRUCTION MANAGER	-	-	-	-	-	-	-	REVISION & DA
PRE ONSTRUCTION MEETING	ORDER NATIONAL ACCOUNTS BUYOUTS	-	RECEIVE INSPECTION APPROVALS FOR BACK FILL UNDERGROUND UTILITIES	-	BUILDING INSPECTION WALL COVER-UP FRAMING ELECTRICAL PLUMBING	-	-	INSPECTION CEILING COVER-UP HVAC ELECTRICAL PLUMBING, GAS, FIRE MARSHAL	-	-	-	-	BUILDING FINAL INSPECTIONS MECHANICAL ELECTRICAL PLUMBING	BUILDING INSPECTIONS FIRE HEALTH	CERTIFICATE OF OCCUPANCY	-	OPENING SUPPORT	OPEN	

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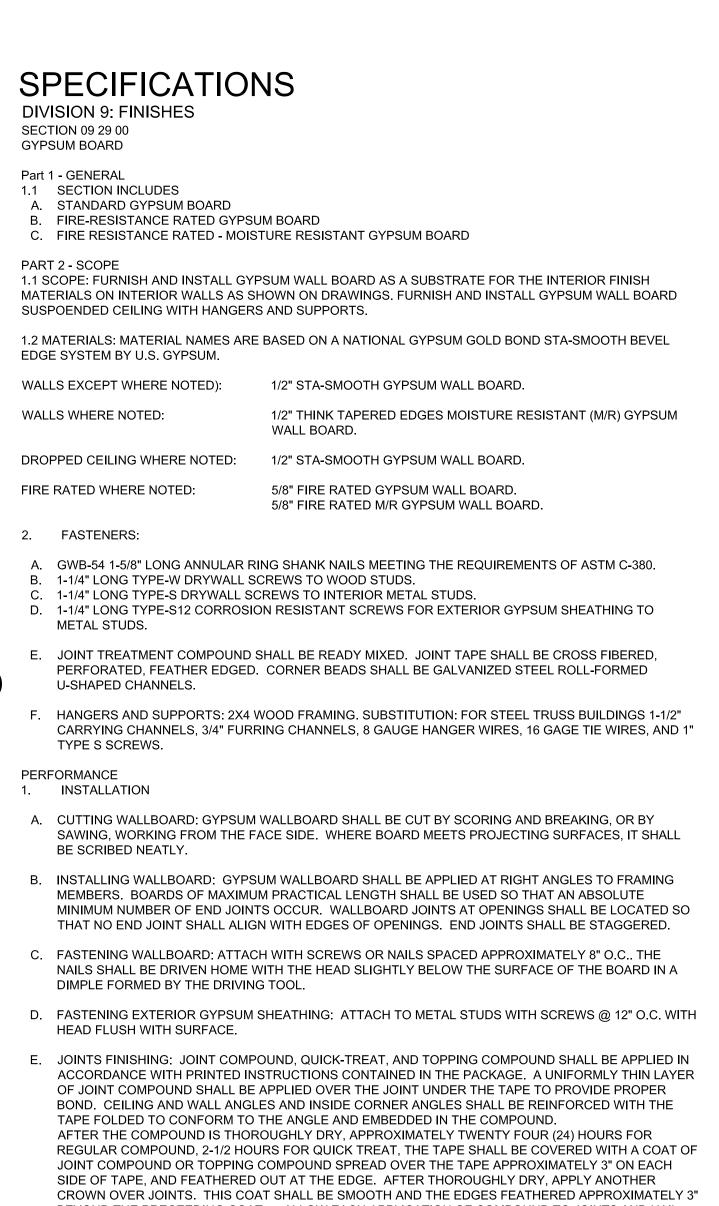
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SHEET NUMBER

Odom

DATE:



FRAMING SYMBOLS

WOMEN

4'-5 1/2"

SERVICE

L____

3'-4"

MOP SINK

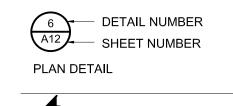
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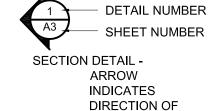
3'-2"

XXX XXX

MEN

- A 2X4 FRAMING @ 16" O.C. B 2X6 FRAMING @ 24" O.C.
- © 2X8 FRAMING @ 24" O.C. D 2X6 FRAMING @ 16" O.C. W/ 2 LAYERS TYPE X GWB **E** 2X10 FRAMING @ 16" O.C.
- DOOR NUMBER. SEE SHEET A-10 FOR DETAILS





VIEW

XXX DENOTES BLOCKING AS REQUIRED

7 THE ARCHITECT AND ENGINEERS OF RECORD SHALL VERIFY ALL ACCESSIBLE APPROACHES AND ENTRANCES TO VERIFY THAT THEY COMPLY WITH ALL APPLICABLE CODES. G.C. TO ENSURE THAT ALL DIRECTIONS AND DIMENSIONS GIVEN ARE STRICTLY ADHERED TO. IF CHANGES ARE MADE THAT CONTRADICT WITH THE DRAWING, OR IF EXISTING FILED CONDITIONS MAKE THE DRAWINGS NOT APPLICABLE, KIT TO MOUNT THE WIB ON THE OUTSIDE OF THE BUILDING.

- FACE OF STONE

VENEER

3'-9"

- ALL GLAZING WITHIN A 24" ARC OF DOORS WHOSE BOTTOM IS LESS SAFETY TEMPERED.
- INTERIOR KITCHEN WALL SURFACES FROM FINISHED FLOOR TO 24" ABOVE FINISHED FLOOR, UNO. PROVIDE 1/2" PLYWOOD FROM 24" AFF TO BEYOND CEILING ON ALL KITCHEN WALLS.
- SPECIFICATION, SEE DETAIL 3/A6.
- KITCHEN EQUIPMENT HAS BEEN BROUGHT IN. PROVIDE 1/2" GYPSUM WALL BOARD ON THE SIDE FACING THE DINING. PROVIDE 1/2" PLYWOOD WITH FRP ON THE SIDE FACING THE KITCHEN.
- INSTALL POPEYES CAR SIDING ON WALL SURFACE FROM TOP OF COUNTER TO BEYOND CEILING ON ALL WALLS AROUND THE SELF SERVE DRINK STATION. (VERIFY WITH THE HEALTH DEPARTMENT IF THIS SURFACE IS ALLOWED.)
- 17 ALL WOOD TRIM PROVIDED BY VENDOR MUST BE FINE SANDED AND THE ADJACENT CAR SIDING.

CONSTRUCTION KEY NOTES

7'-6 1/2"

VESTIBULE

SIDING + P

SALES

FINISH WALL, U.N.O..

17'-9 1/2"

DINING

DIMENSIONS ARE SHOWN: 1) EXTERIOR WALLS: FROM INTERIOR FACE OF GYPSUM BOARD TO THE EXTERIOR FACE OF PLYWOOD. 2) INTERIOR WALLS: FROM THE FACE OF FINISH WALL TO THE FACE OF

L______

- INSTALL 3'-0" W X 8'-0" H X 18 GA STAINLESS STEEL PANEL BEHIND OVENS AND FRYERS. S/S SHALL EXTEND 18" BESIDE EQUIPMENT. REFER TO INTERIOR KITCHEN ELEVATIONS AND EQUIPMENT PLAN FOR LOCATIONS.
- ALL GYPSUM WALL BOARD BELOW FINISHED CEILING HEIGHT IS TO BE PREPARED FOR PAINTING OR WALLCOVERING AS INDICATED ON INTERIOR ELEVATIONS AND FINISH SCHEDULE. SEE GEN. CONSTR. NOTES FOR DINING AREA
- GENERAL CONTRACTOR (G.C.) TO PROVIDE 2"X2" FULL HEIGHT CORNER GUARDS ON ALL OUTSIDE CORNERS @ KITCHEN WALLS. HOOD WALL TO BE CONSTRUCTED WITH 2X6 WOOD STUDS AT 24" O.C..

INSTALL 5/8" MOISTURE RESISTANT TYPE X GYPSUM WALL BOARD ON

BOTH WALL SIDES FROM FINISHED FLOOR TO BEYOND CEILING.

- ELECTRIC DRIVE-THRU WINDOW TO BE INSTALLED AT THE LOCATION SHOWN. VERIFY REQUIRED ROUGH-IN AND ELECTRICAL REQUIREMENTS WITH MANUFACTURER BEFORE PROCEEDING.
- THE ARCHITECT MUST BE CONTACTED IMMEDIATELY.
- ALL DOORS SHALL BE ABLE TO BE OPENED FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT, AND COMPLY WITH ALL CODES. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.

GC SHALL COORDINATE WITH KOLPAK TO PROVIDE THE INSTALLATION

- THAN 60" ABOVE THE FLOOR AND ALL GLAZING IN DOORS SHALL BE
- PROVIDE 1/2" MOISTURE RESISTANT GYPSUM WALL BOARD ON ALL
- INSTALL GUARDRAIL ACCORDING TO THE MANUFACTURER'S
- 13 SEE P1 SHEET FOR SODA LINE CHASES. VERIFY LOCATIONS WITH BEVERAGE PROVIDER.
- INSTALL THE HALF WALL FOR THE FRONT COUNTER AFTER THE
- PROVIDE MINIMUM 4" CONCRETE SLAB WITH WWF 6X6-W1.4 X W1.4 FOR THE INSTALLATION OF THE EXTERIOR COOLER/FREEZER. PREPARE SUBSTRATE AS SPECIFIED BY THE STRUCTURAL DRAWINGS
- SEALED WITH CLEAR POLYURETHANE FINISH BY THE GC TO MATCH

- BEYOND THE PRECEEDING COAT. ALLOW EACH APPLICATION OF COMPOUND TO JOINTS AND NAIL HEADS TO DRY, THEN SAND IF NECESSARY. ALL WALLBOARD AND TREATED AREAS SHALL BE SMOOTH

GENERAL CONSTRUCTION NOTES

GYPSUM BOARD / EXTERIOR SHEATHING NOTES:

AND READY FOR PAINTING OR WALLCOVERING.

- 1. EXTERIOR SHEATHING SHALL BE 1/2" EXTERIOR PLYWOOD NAILED IN ACCORDANCE WITH THE STRUCTURAL NAILING SCHEDULE. REFER TO SHEETS S-4.
- 2. 1/2" PLYWOOD TO BE INSTALLED ON ALL INTERIOR WALLS. ALL JOINTS ARE TO BE PROPERLY SECURED.
- 3. GYPSUM BOARD SHALL BE TYPE "MOISTURE RESISTANT" IN ALL AREAS TO RECEIVE WALL TILE OR FRP PANELS.
- 4. ALL WALLS TO RECEIVE 1/2" MOISTURE RESISTANT GYPSUM WALL BOARD INSTALLED TO 24" AFF UNO.
- INSULATION NOTES:
- 1. ALL EXTERIOR WALLS TO RECEIVE FIBERGLASS BATT INSULATION TO MATCH DEPTH OF WALL CAVITY. KITCHEN WALL NOTES:
- 1. PROVIDE 1/2" PLYWOOD FROM 24" AFF TO 9'-6" AFF IN ALL KITCHEN WALLS.
- 2. PROVIDE 1/2" GYPSUM WALL BOARD FROM 24" AFF TO 5'-6" AFF AT INTERIOR TOILET ROOM WALLS. **DINING AREA NOTES:**

1. PLASTIC LAMINATE TO ADHERE TO 1/2" PLYWOOD SUBSTRATE. PLYWOOD FROM FINISH FLOOR TO 2'-10"

2. VINYL WALL COVERING ON 1/2" GYPSUM BOARD.

BLOCKING NOTES:

- 1. "xxxxxxx" INDICATES BLOCKING REQUIRED IN WALL FOR PLUMBING LINES AND RESTROOM ACCESSORIES. BLOCKING SHALL BE FIRE RETARDANT WHERE REQUIRED BY CODE.
- 2. CONTRACTOR TO VERIFY REQUIREMENTS WITH LOCAL BUILDING OFFICIALS PRIOR TO BIDDING CONTRACTOR IS RESPONSIBLE FOR OBTAINING MANUFACTURS' CUT SHEETS AND LOCATING BLOCKING AS REQUIRED. THIS INCLUDES KITCHEN EQUIPMENT AND ITEMS FURNISHED AND INSTALLED BY OTHERS.

FRAMING NOTES:

- 1. CONTRACTOR MAY SUBSTITUTE METAL STUDS FOR INTERIOR WALL, AND SOFFIT FRAMING IF REQUIRED.
- WHERE USED, METAL FRAMING TO BE 25 GA. UNLESS OTHERWISE SPECIFIED(U.N.O.). 2. REFER TO FRAMING NOTES FOR WALL SECTIONS.
- 3. ALL INTERIOR WOOD FRAMING TO BE #2 SPRUCE, FIR OR WHITE PINE. WHERE REQUIRED BY CODE, FRAMING SHALL BE #2 FIRE RETARDANT YELLOW PINE. CONTRACTOR TO VERIFY REQUIREMENTS WITH LOCAL BUILDING OFFICIALS PRIOR TO BIDDING.
- 4. ALL WOOD IN CONTACT WITH THE SLAB MUST BE PRESSURE TREATED.
- 5. ALL INTERIOR WALLS TO BE FRAMED TO UNDERSIDE OF TRUSS U.N.O..
- 6. ALL INTERIOR WALLS THAT ARE NOT SHEAR WALLS TO BE ANCHORED W/ 5/8" DIA. EXPANSION ANCHORS AT 6'-0" O.C. SEE STRUCTURAL DWGS. FOR SHEAR WALL ANCHORS.

CO2 LINE PENETRATION

ELECTRIC

METER

CABINET LOCATION

STEEL LADDER

9

PLYWOOD SHEATHING-

EIFS FINISH SYSTEM-

SPRAY INSULATING

OPENING, AFTER CO2

LINE IS INSTALLED -

FOAM AROUND

BACKWRAP

AND SEAL

3" PVC CHASE

STORAGE

17'-6 1/2"

BATTER/FRY

5

PREP AREA

XXX

XXX XXX

XXX XXX

-SPRAY INSULATING FOAM

CO2 LINE IS INSTALLED

-CO2 LINE INSIDE

-PLYWOOD SHEATHING

A.F.F.

AROUND OPENING, AFTER

PROJECT NUMBER:

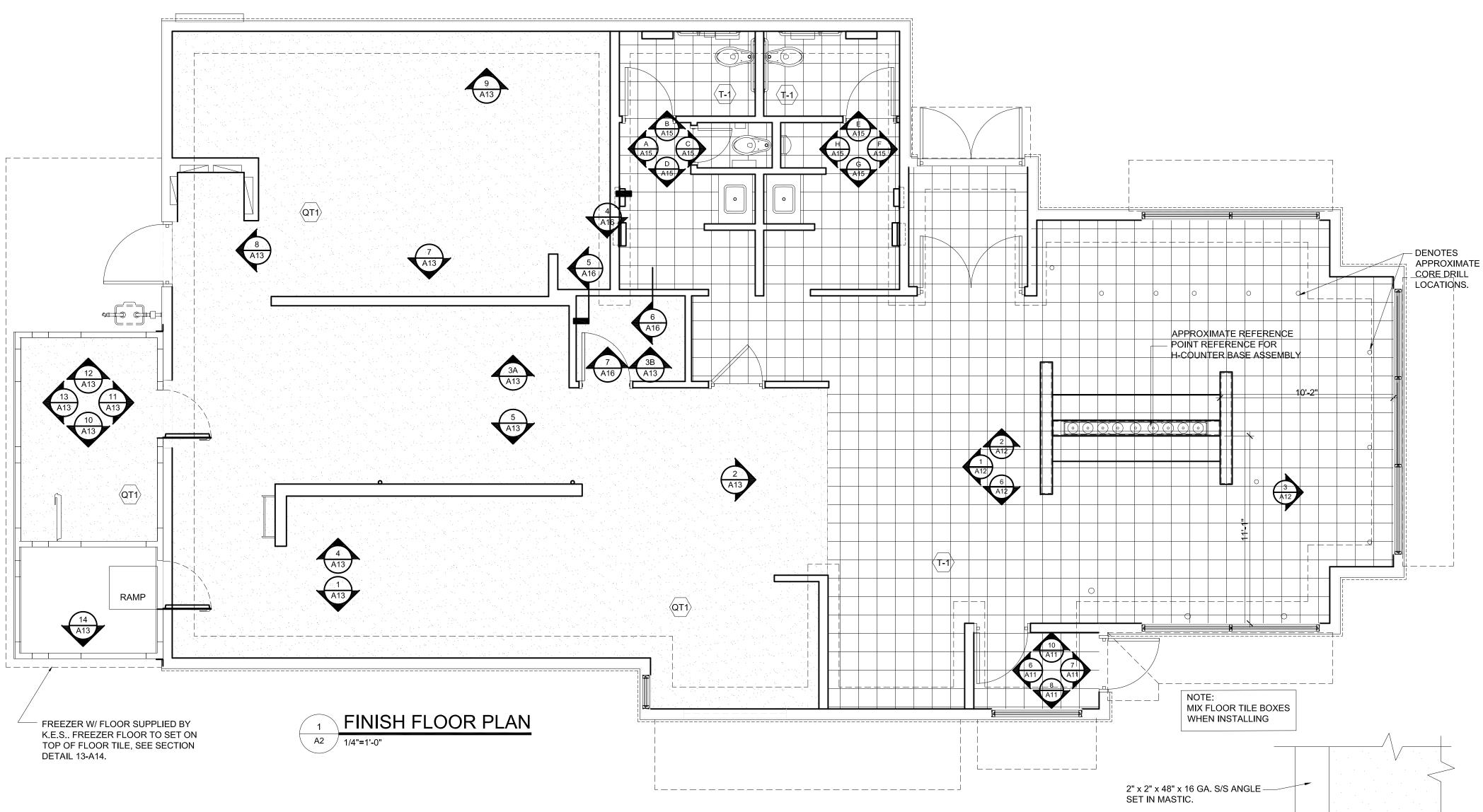
FLOOR FIN PLAN &

INT FIN SCHEDULE PLOT DATE:

2/19/2019 2:38:02 PM

REVISION & DATE:

SHEET NUMBER:



SPECIFICATIONS:

DIVISION 9: FINISHES

SECTION 9B: TILE

GENERAL PROVISIONS

- 1. SCOPE: FURNISH AND INSTALL ALL TILE FLOORS AND WALLS. 2. QUALITY CONTROL: ALL TILE MATERIALS AND INSTALLATIONS SHALL CONFORM TO THE RECOMMENDED PRACTICES OF THE TILE COUNCIL OF
- AMERICA, INC. 3. REFER TO THE POPEYES VENDOR DIRECTORY FOR APPROVED SUPPLIERS.

MATERIALS

- 1. USE CERAMIC AND QUARRY TILE AS SHOWN ON FINISH SCHEDULE.
- 2 GROUT A. JOINTS IN FLOOR WALLS, AND BASE: EPOXY IS REQUIRED -HYDROMENT V-POXY AARII OR APPROVED ALTERNATE HYDROMENT SANDED JOINT FILLER AS MANUFACTURED BY THE UPCO COMPANY OR EQUAL CUSTOM BUILDING PRODUCTS. COLOR AS SHOWN ON
- FINISH SCHEDULE. 3. CONCRETE TILE BACKER BOARD: A. DUROCK NAILABLE CONCRETE BACKER BOARD BY USG INDUSTRIES, INC., 101 S. DR., CHICAGO, IL 60606 ATTN: DEPT. #TOS-585.

TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

PERFORMANCE

- 1. INSTALLATION: A. INTERIOR CERAMIC WALL TILE SHALL BE INSTALLED IN ACCORDANCE WITH
- TILE COUNCIL METHOD W 243 GYPSUM BOARD, LATEX PORTLAND CEMENT BOND COAT WITH HYDROMENT TILE-MATE 710 WITH FLEX-A-LASTIC ADDITIVE. B. INTERIOR FLOOR TILE AND BASE SHALL BE INSTALLED IN ACCORDANCE WITH TILE COUNCIL THIN-SET METHOD F113 DRY SET MORTAR OR LATEX PORTLAND CEMENT MORTAR WITH HYDROMENT TILE-MATE 760 WITH FLEX-A-LASTIC ADDITIVE. IN ALL AREAS EXCEPT KITCHEN & RESTROOMS WHERE SLAB IS DEPRESSED 2" - USE THICK SET METHOD AS DESCRIBED BELOW IN ITEM #2.
- SLOPE FLOOR PER FOUNDATION PLAN. C. JOINTS IN FLOOR AND BASE JOINTS IN FLOORS AND BASE IN FOOD PREP, SUPPLY, SALES, UTILITY WASH, AND TOILETS TO BE INSTALLED IN ACCORDANCE WITH THE TILE COUNCIL METHOD OF #115 DRY-SET MORTAR WITH EPOXY GROUT IN LIEU OF CEMENT BASE GROUT. GROUT SHALL BE HYDROMENT U-POXY AARII. ALTERNATE "HYDROMENT JOINT FILLER" BY THE UPCO CO., IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. JOINTS SHALL BE 1/4" WIDE AND COMPLETELY FILLED LEVEL WITH THE SHOULDER OF THE TILE AND THEN TOOLED TO A SMOOTH DENSE
- D. JOINTS IN WALL TILE SHALL BE GROUTED WITH HYDROMENT JOINT FILLER IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SHALL BE DAMP CURED. THE TILE SHALL BE CLEANED OF SURFACE GROUT AS WORK PROCEEDS USING DRY GROUT AND BURLAP CLOTH. NO ACID CLEANER
- E. CLEAR SILICONE SEALANT AROUND PERIMETER TILE EDGES WHEN ABUTTING TO OTHER MATERIALS.
- 2. THICK-SET FLOOR INSTALLATION METHOD: (OPTIONAL) THICK-SET FLOOR INSTALLATION IN ACCORDANCE WITH TILE COUNCIL METHOD F112 CEMENT MORTAR MAY BE USED WITH 1/2" SETTING BED IN LIEU OF THIN-SET METHOD AT THE CONTRACTOR'S OPTION THROUGHOUT, PROVIDING FINISH FLOOR ELEVATIONS REMAIN AS SHOWN AND SLABS ARE DEPRESSED 2" TO COMPENSATE FOR 1 1/2" MINIMUM BED THICKNESS.
- FOR KITCHEN & RESTROOM AREAS ONLY (SEE ITEM 'C' ABOVE) SEE SHEET S-1 FOR DEPRESSED SLAB LOCATIONS WHERE THIS METHOD IS REQUIRED.

SECTION 9E: PAINTING

GENERAL PROVISIONS

1. SCOPE: SUPPLY ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY 1. SCOPE: FOR THE PROPER PAINTING AND FINISHING OF THE BUILDING.

MATERIALS

- 1. PAINT BRANDS AND COLORS ARE GIVEN IN THE FINISH SCHEDULE TO SHOW EXACT COLOR REQUIRED. UNSPECIFIED BRANDS OF MATERIALS SUCH AS SHELLAC, TURPENTINE.
- THINNER, ETC., SHALL BE PURE AND OF THE BEST QUALITY OBTAINABLE. ALL MATERIALS SHALL BE USED WITHOUT ALTERATIONS AND ONLY AS SPECIFIED BY THE PAINT MANUFACTURER.
- 2. PUTTY AND FILLERS SHALL BE AS RECOMMENDED BY THE PAINT
- 3. CAULKING MATERIAL SHALL BE "MONO" ACRYLIC TERPOLYMER SEALANT, WHITE COLOR, BY TREMCO MANUFACTURING CO., CLEVELAND, OH, OR

PERFORMANCE

- 1. WORKMANSHIP ALL SURFACES TO BE PAINTED SHALL BE CLEAN AND FREE OF DIRT, DUST, OR GRIT BEFORE PAINTING IS STARTED. PAINTING SHALL NOT BE DONE WHEN THERE IS SWEEPING OR EXCESSIVE DUST IN THE AIR. ALL PITCH STREAKS, RESIN, SPOTS, ETC., SHALL BE CLEANED OF ALL RESIDUE AND TOUCHED UP WITH SHELLAC BEFORE PAINTING. PUTTY ALL NAIL HOLES, CRACKS, ETC., IN WOODWORK AFTER THE FIRST COAT IS APPLIED. WHERE THE WOOD DOES NOT DRY TO A UNIFORM SHEEN OVER THE ENTIRE SURFACE, SPOT PRIME THE AREAS THAT INDICATE SUCTION BEFORE APPLYING FINISH COATS. UNDERCOATS OF PAINT SHALL BE TINTED TO A COLOR APPROXIMATING THE FINISH COATS, WITH ENOUGH VARIATION IN COLOR TO PERMIT VISUAL INSPECTION OF MATERIALS DURING THIS WORK. ALL MATERIALS SHALL BE EVENLY SPREAD AND FLOWED ON WITHOUT RUNS, SAP, OR
- EXCESSIVE BRUSH MARKS. LEVEL 4 DRYWALL FINISH MINIMUM. 2. STEEL DOORS, FRAMES, GATES, PIPE GUARDS, LIGHT POLES, EXPOSED SIGN SUPPORTS, GAS PIPES, HANDRAILS, AND OTHER FREE-STANDING
- A. PRE-PRIMED: TWO (2) ADDITIONAL COATS OF EXTERIOR ENAMEL BENJAMIN MOORE IRON CLAD #163 OVER FINELY-SANDED PRIMER. SEE FINISH SCHEDULE FOR COLOR. B. BARE METAL: TWO (2) COATS BENJAMIN MOORE IRON CLAD

#163 OVER TWO (2) COATS FINELY-SANDED METAL PRIMER. SEE

- FINISH SCHEDULE FOR COLOR. NOTE: GAS PIPE SHALL BE PAINTED ONLY AFTER PRESSURE TESTED 3. ALUMINUM LIGHT POLES: POLES SHALL BE PROVIDED BY HERMITAGE LIGHTING AS A PART OF THEIR LIGHTING PACKAGE. THESE POLES COME PREFINISHED IN DARK BRONZE, AND IS INSTALLED BY THE SITE LIGHTING CONTRACTOR. CONCRETE POLES ARE ALLOWED IF REQUIRED BY THE LOCAL JURISDICTION, AND SHALL BE SEALED OR FINISHED ACCORDING O
- 4. SIGN POLES: SIGN POLES SHALL BE PRIMED AND PAINTED WITH TWO COATS. REFER TO FINISH SCHEDULE FOR FINISH.

THE LOCAL CODE.

SECTION 9F: PREFINISHED PANELS

GENERAL PROVISIONS

FURNISH AND INSTALL PANELS AND MATCHING TRIM. INTERIOR PREFINISHED PANELS, TRIM, CORNER GUARDS, AND ACCESSORIES. 2. NOTES: REFER TO NATIONAL ACCOUNT DIRECTORY.

MATERIALS

- 1. MARLITE PLANKS AND TRIM, 16" X 8'-0" X 1/4", COLOR AND TEXTURE AS SHOWN ON FINISH SCHEDULE.
- ADHESIVE: MARLITE BRAND C-375 WATERPROOF ADHESIVE. CAULKING: MARLITE BRAND CAULKING. 2. FIBERGLASS REINFORCED PANELS
- A. MARLITE TYPE 1200 TOS FRP PANELS, 4' X 8' X 0.10". AND MATCHING TRIM, CLASS C/111. (USE 10' LENGTHS FOR CEILINGS > 8') COLOR: SEE FINISH SCHEDULE. ADHESIVE: MARLITE BRAND C-375 WATERPROOF SOLVENT-BASED
- ADHESIVE. CAULKING: MARLITE SILICONE BRAND SEALANT.
- B. WHERE REQUIRED BY CODE ONLY, FIRE-RATED FRP PANELS WITH CLASS A/1 ARE AVAILABLE FOR MARLITE. 3. STAINLESS STEEL CORNER GUARDS. A. EXTRA DUTY CORNER GUARDS AT OUTSIDE WALL CORNERS IN FOOD
- PREP, POT WASH, AND STORAGE AREAS AS SHOWN SHALL BE STAINLESS STEEL, AND SHALL EXTEND FROM TOP OF TILE BASE TO THE CEILING, WITH CONCEALED FASTENERS, CLEAR CAULK
- ACCEPTABLE MANUFACTURER: PROVIDE ALL CORNER GUARDS FROM A SINGLE SOURCE.

MATERIALS: STAINLESS STEEL: CORNER GUARDS SHALL BE MANUFACTURED FROM TYPE 304, 16 GAUGE STAINLESS STEEL.

MARLITE PANELS:

PERFORMANCE

INSTALL MARLITE PANELS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. APPLY MATCHING TRIM BEFORE INSTALLING PANELS. FLUE UP PANELS ON GYPSUM BOARD, SETTING ALL PANELS INTO TRIM IN A BED OF CLEAR CAULK. USE MARLITE SOLVENT-BASED ADHESIVE C-375 OR EQUAL APPROVED BY MANUFACTURER. DO NOT APPLY WHEN TEMPERATURE IS LESS THAN 40 DEGREES F. CAULK AROUND ALL JOINTS, TRIM, AND ABUTTING EDGES WITH CLEAR SILICONE.

SECTION 9G: LAMINATE WALLS

- 1. FURNISH AND INSTALL PANELS PER MANUFACTURES INSTALLATION REQUIREMENTS. REFER TO FINISH SCHEDULE. 2. APPLY LAMINATE TO 1/2" PLYWOOD SUBSTRATE AND ADHERE
- PANELS WITH MANUFACTURER'S RECOMMENDED GLUE AND ANCHORS. 3. ALL JOINTS TO BE BUTTED TOGETHER.

COUNTERSUNK HEAD S/S SCREWS @ 16" O.C.(TYP) 1/2" MR GWB. TO 18" ABOVE FLOOR THEN 1/2" OSB TO ABOVE CEILING. FRP BOARD-ZINC "L" TRIM @ TOP OF -BASE TYPICAL **OUTSIDE EPOXY 6" CORNER -**TYPICAL @ ALL EPOXY BASES "J" TRIM @ BOTTOM OF FRP @-

POPEYES LOUISIANA KITCHEN

COMPLETE WORKING LIST

KITCHEN AREA GROUT CUSTOM BLDG PROD

Supplier / Manuf.

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

BENJAMIN MOORE

GRAPHICS VENDOR

GRAPHICS VENDOR

GRAPHICS VENDOR

GRAPHICS VENDOR

GRAPHICS VENDOR

BENJAMIN MOORE

CUSTOM BLDG PROD

MARLITE

SEATING VENDOR

MARLITE

SEATING VENDOR

Supplier / Manuf.

BENJAMIN MOORE

BENJAMIN MOORE

G.C. / USG INTERIORS

C. / USG INTERIORS

Supplier / Manuf.

FORMICA

INTERCERAMIC

Supplier / Manuf.

SEATING VENDOR

CHARTER INDUSTRIES

LG HAUSYS AMERICA

LG HAUSYS AMERICA

FORMICA

JOHNSONITE

INTERCERAMIC

CUSTOM BLDG PROD

STEEL

SEATING VENDOR

JOHNSONITE

FORMICA

SEATING VENDOR

POLYSTONE

ARC COM

SEATING VENDOR

JOHNSONITE

FORMICA

LG HAUSYS AMERICA

GRAPHICS VENDOR

LD DINING & RESTROOMS

DINING AREA GROUT

KITCHEN AREA FLOOR

KITCHEN AREA BASE

Location

DINING AREA WALLS

RESTROOM CORRIDOR

DOOR FRAMES

WALL GRAPHIC, 36"x 48"

RESTROOM WALL

RESTROOM WALL GROUT

DINING ROOM WAINSCOT

CHAIR RAIL

TRIM

CORNER GAURDS

WALL COVERING

KITCHEN WALLS

WINDOW SILLS

Location

MENUBOARD BULKHEAD

RESTROOMS CEILINGS

DINING GRID

KITCHEN CEILING

KITCHEN GRID

Location

CABINETRY / DOORS

FRONT COUNTER TRIM

Location

TABLE BASE

T-MOULDING

SS-3 P COUNTER TOP

P COUNTER BASE

LP10 CHAIR - RED W/ WOOD SEAT

COUNTER STOOL

BOOTH

PENDANT LIGHTS

PENDANT LIGHTS

TRASH RECEPTICLES

SS-2 P COUNTER TO

M-1 FRONT COUNTER SURFACE

SERVICE COUNTERTOPS LG HAUSYS AMERICA

ACCENT TILE GROUT CUSTOM BLDG PROD

ST-1 | RESTROOM / KITCHEN DOORS |

LP-83 | CIRCULAR SUSPENDED SOFFIT | GRAPHICS VENDOR

AP-11 WALL GRAPHIC, 84" DIAMETER GRAPHICS VENDOR

AP-12 WALL GRAPHIC, 30" DIA., 1.5" D GRAPHICS VENDOR

WALL GRAPHIC, 36"x 48" GRAPHICS VENDOR

PLK 18 SERIES INTERIOR FINISH SCHEDULE

FRENCH BROWN

#60 CHARCOAL

2159-30 "APPLE CRISP"

2146-10 "DARK CELERY"

2004-10 "DEEP ROSE"

2159-30 "APPLE CRISP"

RM: BRONZE TONE (2166-30)

AP-3 "CAJUN GRAVFY

AP-6 "PURE CANE"

AP-7 "RED BEANS & RICE"

AP-8 "7 NATIONS"

AP-9 "SHRIMP" AP-10 "LOUISIANA KITCHEN"

AP-11 "PAINTED POPEYES SEAL"

MARDI GRAS CARNIVAL

GOLD MEUNIER

GOLD MEUNIER

2159-30 "APPLE CRISP"

#145 LIGHT SMOKE

148 MONTICELO ANIGRE

50/50 BLEND OF MOHAWK DARK

& MOHAWK WIPING WOOD

STAIN NATURAL N545-0026

POPEYES SEAL AND NATURAL

AE-1 "LOUISIANA KITCHEN RING"

P100 - WHITE

50/50 BLEND OF MOHAWK DARK

RUITWOOD STAIN #M545-D4047 &

MOHAWK WIPING WOOD STAIN

RUITWOOD STAIN #M545-D4047 &

MOHAWK WIPING WOOD STAIN

NATURAL N545-0026

SATIN NICKEL

Color

2169-10 RACING ORANGE

1067 BLOND WOOD

3270 - WHITE

MARDI GRAS CARNIVAL

#145 LIGHT SMOKE

0/50 BLEND OF MOHAWK DARK

RUITWOOD STAIN #M545-D4047 &

MOHAWK WIPING WOOD STAIN

NATURAL N545-0026

MARDI GRAS CARNIVAL

#145 LIGHT SMOKE

1 - BLACK MINI TEX POWDER

9012-9000

50/50 BLEND OF MOHAWK DARK

FRUITWOOD STAIN #M545-D4047

& MOHAWK WIPING WOOD

PLANKED DELUXE PEAR

AL 3004 PURPLE RED TC#9840-

SHERWIN WILLIAMS RUDUCIBLE

WIPING STAIN BROWN,

S64WXN28594-4358 MIXED WITH

TCI - Chrome II Powder 9911-01007

POLYSTONE - PSLC506 -

PAPRIKA #10

50/50 BLEND OF MOHAWK DARK

FRUITWOOD STAIN #M545-D4047

& MOHAWK WIPING WOOD

STAIN NATURAL N545-0026

SEE FIXTURE SCHEDULI

PLANKED DELUXE PEAR

POWDER COATED | TCI - Chrome II Powder 9911-01007

NATURAL N545-0026 50/50 BLEND OF MOHAWK DARK

FRUITWOOD STAIN #M545-D4047

POLYBLEND

PRIME / PAIN

PRIME / PAINT

PRIME / PAINT

PRIME / PAINT

PRIME / PAINT

DIGITALLY PRINTF

DIGITALLY PRINTED

DIGITALLY PRINTED

"P" LK LOGO

2 LAYER, STAINED

PINOT

PRIME / PAINT

POLYBLEND

1/4" x 16" X 8

GROOVE PLANK

STAIN

STAIN

PRIME / PAIN

DONN DXL

SHEETROCK

BRAND ClimaPlus

6206-43

POLYBLEND

POLYBLEND

POWDER COATED

METAL LEGS

WOODEN SEAT

METAL LEGS

ROCK ISLAND

WOVEN

CONNECTIONS -

MAPLE

CYLINDRICAL

BLACK LOBSTER

OVE BASE (FACTORY | TOELESS #CBT-40

Material Specification

POLYBLEND

3/16" EPOXY QUARTZ NSA BROADCAS

Material Specification

- JETROCKINC.COM AGGREGATE FLOOR NON-SLIP FINISH

ACRYLIC LATEX

ACRYLIC LATEX

ACRYLIC LATEX

ACRYLIC LATEX

ACRYLIC LATEX

PLYWOOD

PORCELAIN TILE

BULLNOSE TILE

ACRYLIC LATEX

GROUT

4" X 1" SOLID MAPLE

1" X 1" x 1/4" MAPLE

1" X 1/4" MAPLE

GRAPHICS VENDOR GROOVE NATURAL PINE STAIN, CLEAR

1 X 6 PINE TONGUE &

PLANKS

METAL

FRP SHEET

SOLID MAPLE WOOD

BIRCH WOOD

ACRYLIC LATEX

ACRYLIC LATEX

ACOUSTICAL TILE

15/16" EXPOSED GRID

GYPSUM LAY-IN

24"X48"X1/2" PANEL

15/16" DBL-WEB HOT

GROUT

DIPPED GALV. STEEL (ENVIRONMENTAL)

SERVICE COUNTERS

1"x 1" MOSAIC TILE ON Series DB PATTRN

12"x 12" MESH SHEETS BORDR / MURL

SEATING / TABLES & DÉCOR

Material Specification

OVE BASE (FACTORY | TOELESS #CBT-40

'x 1" MOSAIC TILE ON Series DB PATTRN

12"x 12" MESH SHEETS | BORDR / MURL

COVE BASE (FACTORY | TOELESS #CBT-40

GROUT

METAL

WOOD

APPLIED)

METAL / MOULDED

FIBERGLASS SEAT

JPHOLSTERED BACK

WOOD

APPLIED)

GLASS PENDANT

PENDANT

Material Specification

24"X24"X3/4"

1"x 1" MOSAIC TILE ON Series DB PATTRN

FAUX WOODGRAIN TOUNGE AND

12"x 12" MESH SHEETS | BORDR / MURI

UPDATE: 1/26/2018

13"x13" FLOOR TILE

6"x13" BASE SANDED OR EPOXY BLEND

NSA BROADCAST NON-SLIF

" INTEGRAL EPOXY BASE

SANDED OR EPOXY BLEND

COATS, ULTRA SPEC 500

1 COAT #372, PRIMER 2

COATS, ULTRA SPEC 500

1 COAT #372, PRIMER 2

COATS, ULTRA SPEC 500

COAT PRIMER 2 COATS

#376 SEMI GLOSS

CLEAR STAIN TONGUE AND

ROUGH

6" STRIP

13" X 13"

2 1/2" X 8" 1 COAT #372. PRIMER :

COATS #376 S/GLOSS

SANDED OR EPOXY BLEND

1 COAT VARATHANE WATER

BASED POLYURETHANE

SEMI-GLOSS

2 COATS VARATHANE

WATER BASED

POLYURETHANE SEMI-

GLOSS

PEBBLE FINISH

I COAT VARATHANE WATER

BASED POLYURETHANE

SEMI-GLOSS

I COAT VARATHANE WATER

BASED POLYURETHANE

SEMI-GLOSS

COAT #372, PRIMER 2

1 COAT #372. PRIMER

COATS #376 S/GLOSS

SHADOW LINE

FLAT

SMOOTH

FLAT

NON-SANDED OR EPOX

BLEND

COAT VARATHANE WATER

BASED POLYURETHANE

SEMI-GLOSS

Finish

6" STRIP

ION-SANDED OR EPOX

BLEND

COAT VARATHANE WATER

BASED POLYURETHANE

SEMI-GLOSS

COAT VARATHANE WATER

BASED POLYURETHANE

SEMI-GLOSS

FIBERGLASS SEAT &

UPHOLTERED BACK PAD

NANOtex STAIN RESISTAN

FINISH / ACRYLIC BACKING

COAT VARATHANE WATER

SEMI-GLOSS

BASED POLYURETHANE

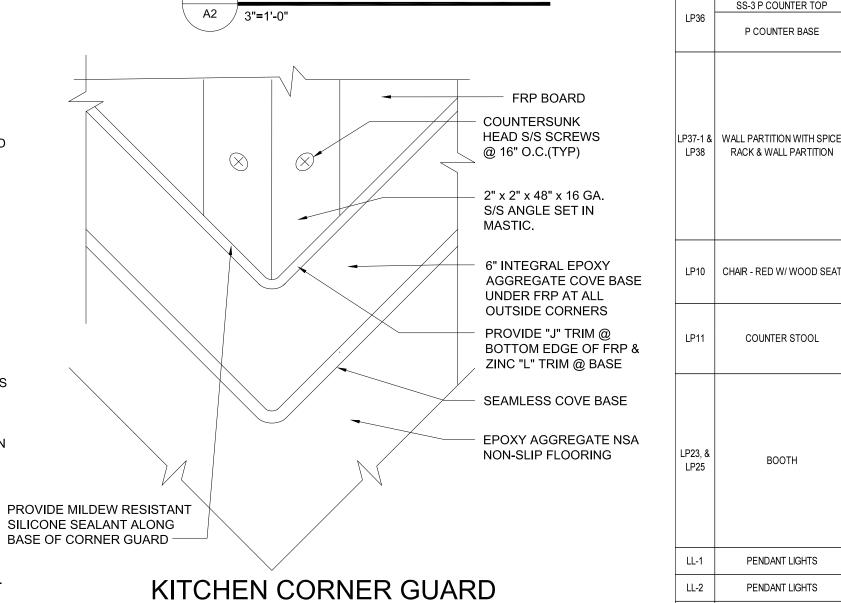
POLISH

LARGE

FGGSHFI I

COATS, ULTRA SPEC 500





ISOMETRIC VIEW

ELEVATION VIEW

SYMBOL LEGEND:

CEILING HEIGHT AFF

BALCONY LIGHT

MANSARD WALL MOUNT (UNDERSIDE OF AWNING)

SIGN / ACCENT LIGHT

WALL PAK LIGHT

EXTERIOR SPEAKER.

INTERIOR SPEAKER

CRABPOT PENDANT LIGHT

CYLINDRICAL IPENDANT LIGHT

MULTI-COLOR PENDANT LIGHT

2 X 4 COMMERCIAL LED TROFFER

MOUNT NO LOWER THAN 8'

1 X 4 FLUORESCENT FIXTURE

WALK IN COOLER/FREEZER

MECH. - DIFFUSED SUPPLY

MECH. - RETURN AIR

MECH. - SUPPLY

MECH. - REGISTER

PLEASE CONTACT DAVID JACKSON AT HERMITAGE LIGHTING FOR INFORMATION ON THE APPROVED LIGHTING PACKAGE, AND PRICING TEL. (800) 264-3383

NO SUBSTITUTION ALLOWED FOR SPECIFIED LIGHT

ONLY APPROVED VENDORS ARE ALLOWED TO BE

USED FOR PURCHASING POPEYES LOUISIANA

KITCHEN BRAND PRODUCTS.

FIXTURES.

RECESSED DOWNLIGHT

RECESSED SPOTLIGHT

SOFFIT RECESSED BALCONY (SUPPLIED BY SIGN SUPPLIER)

EMERGENCY LIGHT / EXIT SIGN

EXTERIOR EMERGENCY LIGHTING

GRID1 GRID SPECIFICATION

OU1 TILE SPECIFICATION

40

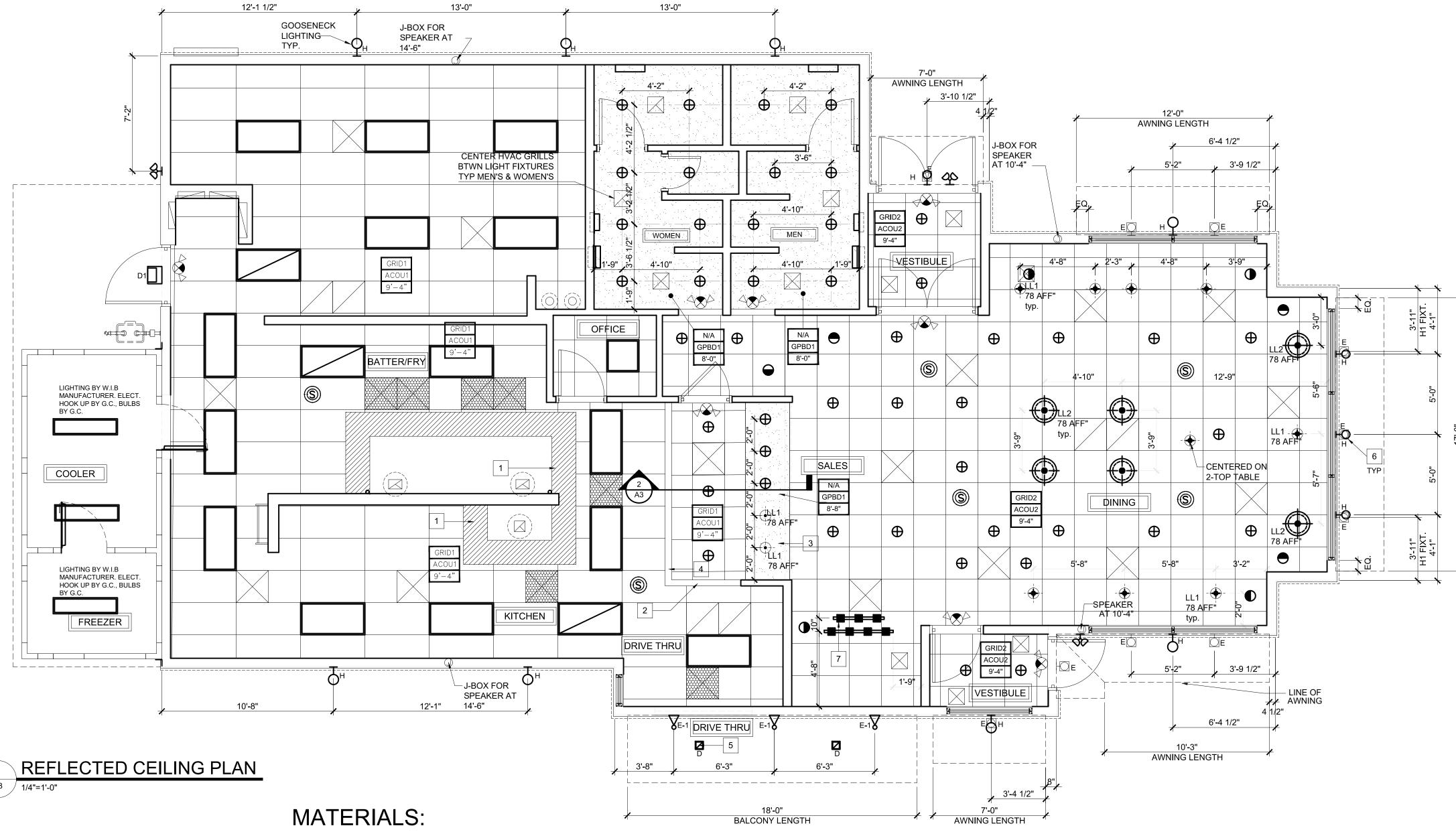
PLOT DATE:

SHEET TITLE:

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DATE:

SHEET NUMBER:



15/16" DBL. WEBB HOT DIPPED GALV. STEEL TEE, ALUMINUM

- CAP #ZXA BY U.S.G.-COLOR: WHITE ACOU1 U.S.G. SHEETROCK BRAND LAY-IN CEILING TILE -"CLIMAPLUS"
- #3270, WHITE VINYL 24"x48"x1/2" DX26 15/16" EXPOSED GRID SYSTEM, ALUMINUM CAP #ZXA BY
- U.S.G. "RADAR CLIMAPLUS" # 2220, STL EDGES, 24"x24"x 5/8",

U.S.G. -COLOR: WHITE.

MANUFACTURES TECHNICAL DATA SHEETS.

REQUIREMENTS.

OPERATIONAL.

- ACOU2 U.S.G. "RADAR CLIMAPLUS" # 2420, STL EDGES, 24"x48"x5/8", (Optional) WHITE
- 1/2" WMR GYPSUM BOARD SURFACE, WHITE: JOINTS FILLED
- AND SMOOTHED, PRIMED BEFORE PAINTING, NO TEXTURING MANUFACTURERS AND COLORS SHALL BE AS SPECIFIED. SUBSTITUTIONS WILL NOT BE ACCEPTED. PAINT TO BE APPLIED IN ACCORDANCE WITH
- REFER TO FINISH SCHEDULE FOR OPTIONAL DINING AREA

CEILING TILE AND GRID. CONDITIONING AND VENTILATION OUTLETS. TRY TO AVOID FITTING

GENERAL NOTES

• CEILING GRID#2 TO BE INSTALLED

SPECIFICATIONS:

SECTION 9C: SUSPENDED CEILING

MANUFACTURER'S SUSPENSION SYSTEM.

GENERAL PROVISIONS

PERFORMANCE

CENTERED ABOVE DINING ROOM SPACE.

1) CEILING GRID SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS ONLY. GRID SHALL NOT BE SUPPORTED FROM OTHER TRADES WORK. 2) COORDINATE GRID INSTALLATION WITH LOCATION OF MECHANICAL

DIVISION 9: FINISHES

1. SCOPE: FURNISH AND INSTALL ACOUSTICAL TILE PANELS WITH

PROVIDE HOLD-DOWN CLIPS. COOPERATE IN FITTING AROUND AIR

RECESSED LIGHT FIXTURES WITHIN 3" OF EDGE OF TILE.

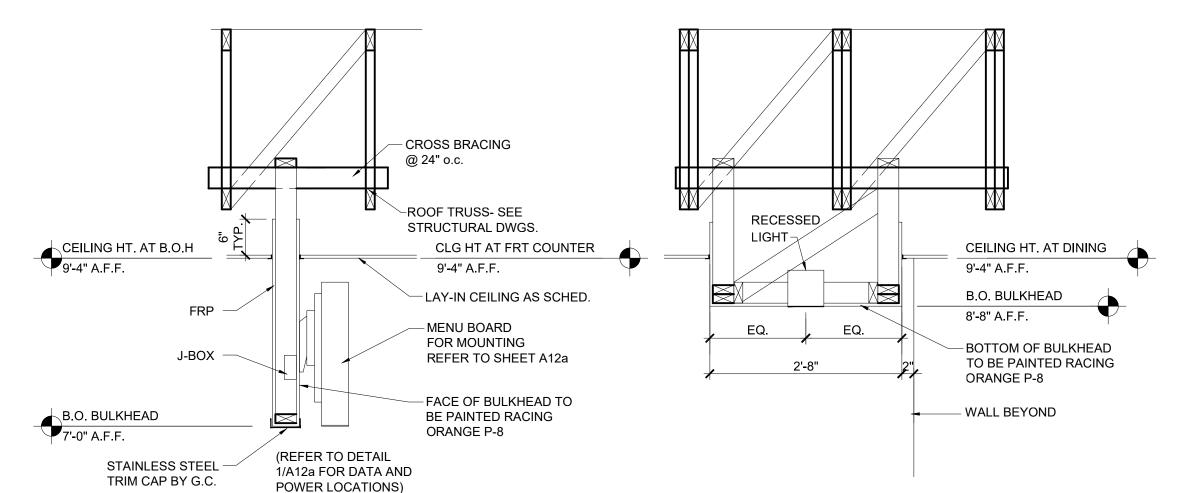
1. INSTALLATION: GRID SHALL BE INSTALLED AS SHOWN AND IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. LEVEL ACCURATELY AND HANG FROM #9 GAUGE ANNEALED WIRE NOT OVER 4' ON CENTERS.

EQUIPMENT AS INDICATED ON SHEET M-1 AND E-1. 3) HANGER WIRES FOR GRID SHALL BE INSTALLED AT NOT MORE THAN 48" O.C. AND AT EACH CORNER OF LAY-IN LIGHT FIXTURES. SEE ELECTRICAL

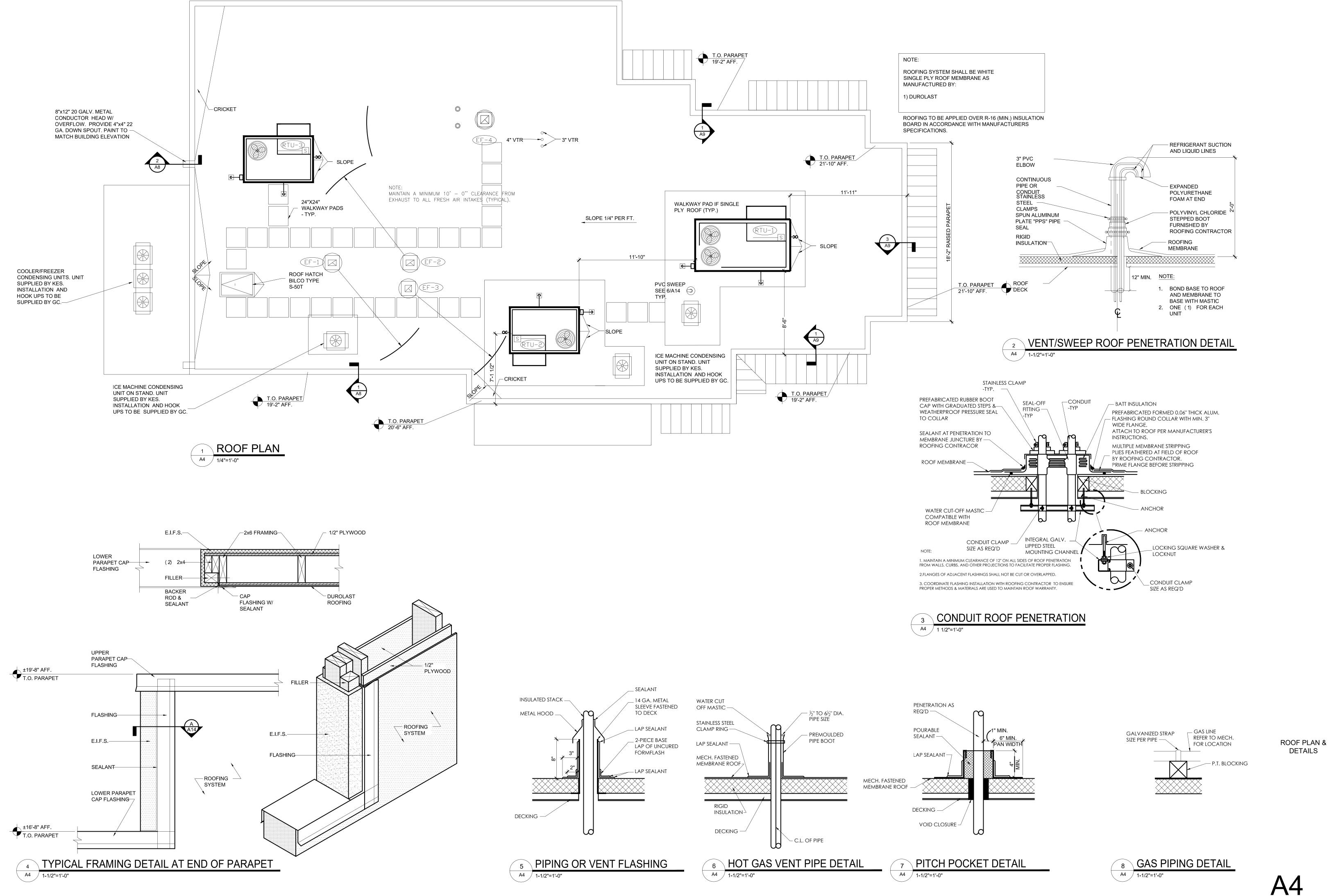
PLANS FOR FIXTURE LOCATIONS.

4) CEILING GRID SHOULD BE CENTERED AT DINING ROOM.

- CONSTRUCTION KEY NOTES CONTRACTOR SHALL PROVIDE AND INSTALL STAINLESS STEEL CEILING PANELS (20 GAUGE) AT HOOD AREA. INSTALLATION SHALL EXTEND A MINIMUM 18" BEYOND THE
- EDGE OF THE HOOD, UNLESS SPECIFIED OTHERWISE. INSTALL A STAINLESS STEEL CAP ALONG THE BOTTOM EDGE OF THE BULKHEAD TO A
- HEIGHT OD 3" UP THE SIDES.
- PAINT THE UNDERSIDE OF THE FUR-DOWN AT THE FRONT COUNTER P-8 AS SPECIFIED ON THE INTERIOR FINISH SCHEDULE. GC SHALL COORDINATE THE INSTALL OF THE MENU BOARD WITH SICOM AT THE LOCATION SHOWN. COORDINATE WITH THE POPEYES CONSTRUCTION MANAGER AND
- SICOM FOR INSTALLATION TIMELINES AND REQUIREMENTS. THE LIGHTING FIXTURES BELOW THE BALCONY SHALL BE PREINSTALLED BY THE BALCONY MANUFACTURER. CONTACT THE MANUFACTURER TO VERIFY LECTRICAL
- THE "E" FIXTURE LIGHTS ARE CENTERED ABOVE THE GLAZING AT THE CENTER LINE.
 THE GC SHALL ENSURE THAT THE AWNING INSTALLERS ADJUST THE AWNING STRUTS TO AVOID THE FIXTURES.
- CONTRACTOR SHALL INSTALL THE PENDANT LIGHTS AT THE SELF SERVE DRINK STATION AFTER ALL THE FOURMENT WAS TO STATION AFTER ALL THE PROPERTY WAS TO STATION AFTER ALL THE PROPERTY WAS TO STATION AS TO STATION oxed STATION AFTER ALL THE EQUIPMENT HAS BEEN INSTALLED AND SHOWN TO BE



SECTION @ MENUBOARD & SALES COUNTER BULKHEAD



SPECIFICATIONS:

DIVISION 7: THERMAL AND MOISTURE PROTECTION

GENERAL

PROVISION 1. SCOPE: FURNISH AND INSTALL GRAVEL STOPS, FLASHING, PARAPET CAP, DOWNSPOUTS, AND GUTTERS.

SECTION 7C: SHEET METAL WORK

A. ROOFING MEMBRANE FLASHING IS INCLUDED IN SECTION 7B: MEMBRANE ROOFING.

MATERIALS

MATERIALS SHEET METAL: .032 ALUMINUM.

2. NAIL FASTENERS: 1 3/4" X 11 GAUGE GALVANIZED, STAINLESS STEEL, OR ALUMINUM ROOFING NAILS MAY BE USED FOR FASTENERS INTO WOOD WHEN CONCEALED ONLY.

3. WASHERS: NEOPRENE

4. SCREW FASTENERS: CORROSION-RESISTANT, SELF-TAPPING, HEX HEAD SCREW, 1/4" MINIMUM DIAMETER WITH SUFFICIENT LENGTH TO PENETRATE 1" MINIMUM INTO WOOD OR 1/2" MINIMUM INTO STEEL. PROVIDE NEOPRENE SEALING WASHER FOR EXPOSED FASTENING.

PERFORMANCE

1. INSTALLATION: EXPOSED FLASHINGS SHALL BE PAINTED TO MATCH ADJACENT MATERIALS. VERIFY WITH POPEYES' CONSTRUCTION MANAGER.

SECTION 7D: STANDING SEAM

PART 1 - GENERAL CANOPY

1.0 SUBMITTALS A. SUBMIT FOR APPROVAL SAMPLES, SHOP DRAWINGS,

PRODUCT DATA. QUALITY ASSURANCE

A. COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

METAL ROOF SYSTEM MANUFACTURER, UPON FINAL ACCEPTANCE FOR PROJECT, FURNISH A WARRANTY COVERING BARE METAL AGAINST RUPTURE, STRUCTURAL FAILURE AND PERFORATION DUE TO NORMAL ATMOSPHERIC CORROSION EXPOSURE FOR A PERIOD OF 20 YEARS. PART 2 - PRODUCTS (UC-4 SERIES, AS MANUFACTURED AND SPECIFIED BY UNA-CLAD., METAL ROOF SYSTEMS.)

2.0 MATERIALS A. METAL ROOF SYSTEM PROFILE:

1. UC-4 "NO CLIP", 1 1/2" HIGH BATTENS x 12" RIB TO RIB. (SMALL BATTEN-SB)

CONCEALED FASTENER B. GAUGE:

1. .026 GAUGE - STEEL C. TEXTURE:

 SMOOTH. D. FINISH:

1. PREMIUM FLUOROCARBON COATING PRODUCED WITH KYNAR 500 OR HYLAR 5000 RESIN (20 YEAR WARRANTY.)

E. MANUFACTURER: 1. UNA-CLAD OR EQUAL.

PART 3 - EXECUTION 3.0 INSTALLATION

A. COMPLY WITH SMACNA SHEET METAL MANUAL RECOMMENDATIONS. COMPLY WITH ACCESSORY MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS. COORDINATE INSTALLATION WITH ROOFING SYSTEM TO ENSURE WEATHERTIGHT PERFORMANCE. B. ANCHOR SECURELY TO STRUCTURE TO WITHSTAND INWARD AND OUTWARD LOADS. C. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC

CORROSION.

DIVISION 9: FINISHES SECTION 9G: EIFS

PART 1 GENERAL 1.01 DESCRIPTION

A. DESIGN REQUIREMENTS: THE STRUCTURAL WALL SYSTEM TO WHICH THE EIFS IS ATTACHED SHALL MEET L/240 MAXIMUM ALLOWABLE DEFLECTION CRITERIA AND APPLICABLE BUILDING CODE REQUIREMENTS.

1.02 SUBMITTALS A. SUBMIT SAMPLES FOR APPROVAL AS DIRECTED BY

OWNER. 1.03 DELIVERY, STORAGE AND

HANDLING A. ALL EIFS MATERIALS SHALL BE DELIVERED IN THEIR ORIGINAL SEALED CONTAINERS BEARING MANUFACTURER'S NAME AND IDENTIFICATION OF PRODUCT WITH WRITTEN

APPLICATION INSTRUCTIONS AND APPROPRIATE HEALTH. HAZARD, AND SAFETY DATA. B. ALL EIFS READY-MIXED MATERIALS SHALL BE PROTECTED FROM EXTREME HEAT, SUN AND FROST. FACTORY PROPORTIONED BAGGED MATERIALS SHALL BE STORED OFF

THE GROUND AND PROTECTED FROM MOISTURE. 1.04 JOB CONDITIONS

A. ALL EIFS MATERIALS SHALL NEVER BE APPLIED IF AMBIENT AND SURFACE TEMPERATURES CANNOT BE KEPT ABOVE 40° F DURING APPLICATION AND DRYING PERIOD. FOR INSTALLATION IN TEMPERATURES LESS THAN 40° F SUPPLEMENTARY HEAT SHALL BE PROVIDED. THE INSTALLED EIFS MATERIALS SHALL BE PROTECTED FROM EXPOSURE TO RAIN AND FREEZING UNTIL DRY.

1.11 WARRANTY

A. PROVIDE MANUFACTURERE'S STANDARD LABOR AND MATERIAL WARRANTY

PART 2 PRODUCTS

A. DRYVIT SYSTEMS, INC.

2.01 MANUFACTURERS

2.02 ADHESIVES

A. DISPERSION ADHESIVE - NONCEMENTITIOUS, ACRYLIC BASED ADHESIVE. 2.03 INSULATION BOARD

A. NOMINAL 1.0 lb/cubic feet (16 kg/cubic meter) EXPANDED POLYSTYRENE (EPS) INSULATION BOARD IN COMPLIANCE WITH ASTM C 578 TYPE I REQUIREMENTS, AND EIMA GUIDELINE SPECIFICATION FOR EXPANDED POLYSTYRENE (EPS) INSULATION BOARD.

2.04 BASECOAT

A. ONE-COMPONENT POLYMER MODIFIED CEMENTITIOUS BASE COAT WITH FIBER REINFORCEMENT AND LESS THAN 33% PORTLAND CEMENT CONTENT BY WEIGHT.

2.05 REINFORCING MESHES

A. STANDARD MESH 1. MESH - NOMINAL 4.5 oz/sq.yd. (163 g/sq.meter), SYMMETRICAL, INTERLACED OPEN-WEAVE GLASS FIBER FABRIC MADE WITH MINIMUM 25 PERCENT BY WEIGHT ALKALINE RESISTANT COATING FOR COMPATIBILITY WITH DRYVIT MATERIALS B. HIGH IMPACT MESH

1. INTERMEDIATE MESH (MESH C) - NOMINAL 11.0 oz/sq.yd. HIGH IMPACT, INTERWOVEN, OPEN WEAVE GLASS FIBER FABRIC WITH ALKALINE RESISTANT COATING FOR COMPATIBILITY WITH DRYVIT MATERIALS.

2.06 PRIMER

A. PRIMER ACRYLIC BASED PRIMER (FOR ACRYLIC BASED FINISHES)

A. ACRYLIC BASED TEXTURED WALL COATING. SEE E.I.F.S. FORMULAS FOR FINISH COLOR.

2.08 JOB MIXED INGREDIENTS

A. PORTLAND CEMENT: ASTM C 150, TYPE I.

B. WATER: CLEAN AND POTABLE

PART 3 EXECUTION

A. UNDER NO CIRCUMSTANCES SHALL ANY OF THE PRODUCTS BE ALTERED BY ADDING ANY ADDITIVES, EXCEPT FOR SMALL AMOUNTS OF CLEAN WATER AS DIRECTED ON LABEL. ANTIFREEZE, ACCELERATORS, RAPID BINDERS, ETC., ARE FORBIDDEN.

B. THE SURFACE TO RECEIVE THE EIFS SHALL BE STRUCTURALLY SOUND, CLEAN, DRY AND FREE OF WARPAGE, RESIDUAL MOISTURE OR DAMAGE FROM MOISTURE. SURFACES SHALL BE UNIFORM, WITH NO IRREGULARITIES GREATER THAN 1/8" in 4'-0". SURFACES SHALL BE INSPECTED FOR COMPLIANCE WITH THE FOLLOWING REQUIREMENTS PRIOR TO INSTALLATION OF THE EIFS:

1. PLYWOOD SHEATHING SHALL MEET A.P.A. (AMERICAN PLYWOOD ASSOCIATION) REQUIREMENTS FOR EXTERIOR OR EXPOSURE 1 CLASSIFICATION. APA DESIGN AND CONSTRUCTION GUIDELINES SHALL BE FOLLOWED FOR STORAGE, HANDLING AND INSTALLATION. MANUFACTURER'S PUBLISHED RECOMMENDATIONS SHALL BE FOLLOWED FOR SHALL BE FOLLOWED FOR STORAGE, HANDLING, STORAGE, HANDLING, INSTALLATION AND PROTECTION. ANY SHEATHING NOT IN COMPLIANCE SHALL BE REPLACED TO CONFORM WITH SPECIFICATION REQUIREMENTS PRIOR TO INSTALLATION OF

2. CONCRETE, MASONRY OR PLASTER SURFACES SHALL BE PROPERLY CURED AND FREE OF DIRT, DUST, OIL, GREASE, MILDEW, FUNGUS, LATENCY, PAINT, EFFLORESCENCE AND ANY OTHER CONTAMINANT. ANY SURFACES NOT IN COMPLIANCE SHALL BE CORRECTED PER MANUFACT. RECOMMENDATIONS PRIOR TO INSTALLATION OF THE EIFS.

C. AFTER SATISFACTORY INSPECTION OF SURFACES AND CORRECTION OF ANY DEVIATIONS FROM SPECIFICATION REQUIREMENTS, THE EIFS INSTALLATION MAY BEGIN PER MANUFACTURER'S INSTRUCTIONS.

D. THE STARTER STRIP OF MESH SHALL BE WIDE ENOUGH TO ADHERE 4" OF MESH ONTO THE WALL, BE ABLE TO WRAP AROUND THE BOARD EDGE AND COVER APPROXIMATELY 4" ON THE OUTSIDE SURFACE OF THE BOARD. THIS "BACKWRAP" PROCEDURE SHALL BE FOLLOWED AT ALL EXPOSED BOARD EDGES IN ACCORDANCE WITH DETAILS (EXAMPLE-WINDOW AND DOOR HEADS AND JAMBS).

ALL AREAS WHERE THE EIFS MEETS DISSIMILAR MATERIAL OR TERMINATES (FOR EXAMPLE, WINDOW AND DOOR FRAMES) SHALL HAVE THE INSULATION BOARD CUT BACK FROM THE ADJOINING MATERIAL A MINIMUM OF 1/4" TO FORM AN ISOLATION JOINT. E. APPLY THE ADHESIVE TO THE BACK OF THE INSULATION BOARD. STAGGER VERTICAL JOINTS AND INTERLOCK BOARDS AT ALL INSIDE AND OUTSIDE CORNERS. APPLY FIRM PRESSURE OVER ENTIRE SURFACE OF THE BOARDS TO INSURE UNIFORM CONTACT. BOARDS SHALL BRIDGE SHEATHING JOINTS BY A MINIMUM OF 8". ALL BOARD JOINTS SHALL BE BUTTED TIGHTLY TOGETHER TO ELIMINATE ANY THERMAL BREAKS IN THE EIFS. CARE MUST BE TAKEN TO PREVENT ANY ADHESIVE FROM GETTING BETWEEN THE JOINTS OF THE BOARDS. ALL OPEN JOINTS IN THE INSULATION BOARD LAYER SHALL BE FILLED WITH SLIVERS OF INSULATION OR AN APPROVED SPRAY

F. NAILS, SCREWS, OR ANY OTHER TYPE OF NONTHERMAL MECHANICAL FASTENER SHALL NOT BE USED.

G. EXPANSION JOINTS ARE REQUIRED IN THE EIFS WHERE THEY EXIST IN THE SUBSTRATE. WHERE THE EIFS ADJOINS DISSIMILAR CONSTRUCTION, AND AT FLOOR LINES IN MULTILEVEL WOOD FRAME CONSTRUCTION. THE EIFS SHALL TERMINATE AT THE EXPANSION JOINT TO PROVIDE APPROPRIATE JOINT SIZE (SEE DETAILS) AND ALL BOARD EDGES SHALL BE COATED WITH APPROPRIATE GROUND COAT AND MESH IN ACCORDANCE WITH STANDARD "BACKWRAPPING" PROCEDURE. APPROPRIATE SEALANT/PRIMER AND BACKER SHALL BE INSTALLED AFTER GROUND COAT IS FULLY DRY TO PREVENT ANY WATER FORM GETTING INTO OR BEHIND THE SYSTEM.

H. USE OF PLASTIC OR METAL CORNER BEADS, STOPBEADS, ETC., IS FORBIDDEN.

I. APPLY APPROPRIATE GROUND COAT OVER THE INSULATION BOARD WITH PROPER SPRAY EQUIPMENT OR A STAINLESS STEEL TROWEL TO A UNIFORM THICKNESS OF APPROXIMATELY 1/16". WORK HORIZONTALLY OR VERTICALLY IN STRIPS OF 40", AND IMMEDIATELY EMBED STANDARD REINFORCING MESH INTO THE WET GROUND COAT. THE MESH SHALL BE DOUBLE WRAPPED AT ALL CORNERS AND OVERLAPPED NOT LESS THAN 2-1/2" AT MESH JOINTS.AVOID WRINKLES IN THE MESH. THE FINISH THICKNESS OF THE GROUND COAT SHALL BE SUCH THAT THE MESH IS FULLY EMBEDDED. ALLOW GROUND COAT TO THOROUGHLY DRY BEFORE APPLYING PRIMER OR

J. DUPLICATE INSTALLATION PROCESS NOTED IN 3.01 M USING STANDARD MESH CREATING SECOND MESH LAYER AND ADDITIONAL IMPACT RESISTANCE. ALLOW TO DRY BEFORE APPLICATION OF EITHER STO PRIMER (OPTIONAL) OR STO FINISH.

K. IF A PRIMER IS USED, APPLY WITH BRUSH, ROLLER OR PROPER SPRAY EQUIPMENT OVER CLEAN, DRY GROUND COAT AND ALLOW TO DRY THOROUGHLY BEFORE APPLYING FINISH. P. APPLY FINISH DIRECTLY OVER THE GROUND COAT (OR PRIMED GROUND COAT) ONLY AFTER THE GROUND COAT/PRIMER HAS THOROUGHLY DRIED. THE FINISH SHALL BE APPLIED BY SPRAYING, ROLLING OR TROWELING WITH A STAINLESS STEEL TROWEL, DEPENDING ON FINISH SPECIFIED. GENERAL RULES FOR APPLICATION OF FINISHES ARE AS FOLLOWS:

1. USE A CLEAN, RUST-FREE, HIGH-SPEED MIXER TO THOROUGHLY STIR THE FINISH TO A UNIFORM CONSISTENCY (SMALL AMOUNTS OF CLEAN WATER MAY BE ADDED TO AID WORKABILITY).
2. AVOID APPLICATION IN DIRECT SUNLIGHT.

3. APPLY FINISH IN A CONTINUOUS APPLICATION, ALWAYS WORKING TO A WET EDGE.

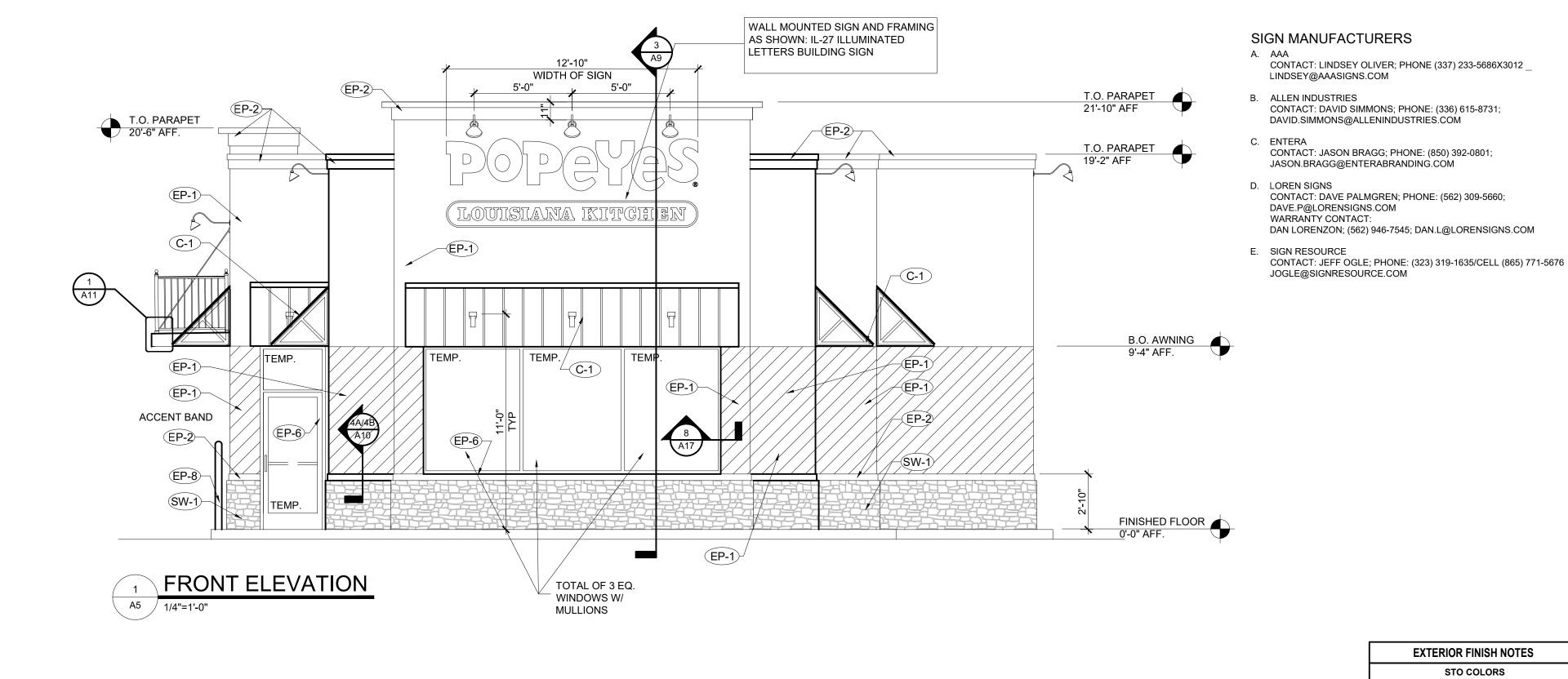
4. WEATHER CONDITIONS AFFECT APPLICATION AND DRYING TIME. HOT OR DRY CONDITIONS LIMIT WORKING TIME AND ACCELERATE DRYING AND MAY REQUIRE ADJUSTMENTS IN THE SCHEDULING OF WORK TO ACHIEVE DESIRED RESULTS; COOL OR DAMP CONDITIONS EXTEND WORKING TIME AND RETARD DRYING AND MAY REQUIRE ADDED MEASURES OF PROTECTION AGAINST WIND, DUST, DIRT, RAIN AND FREEZING. 5. AESTHETIC "U"-GROOVES MAY BE DESIGNED INTO THE SYSTEM. (A MINIMUM OF 3/4" INSULATION BOARD MUST BE LEFT AFTER ANY GROOVES ARE CUT).

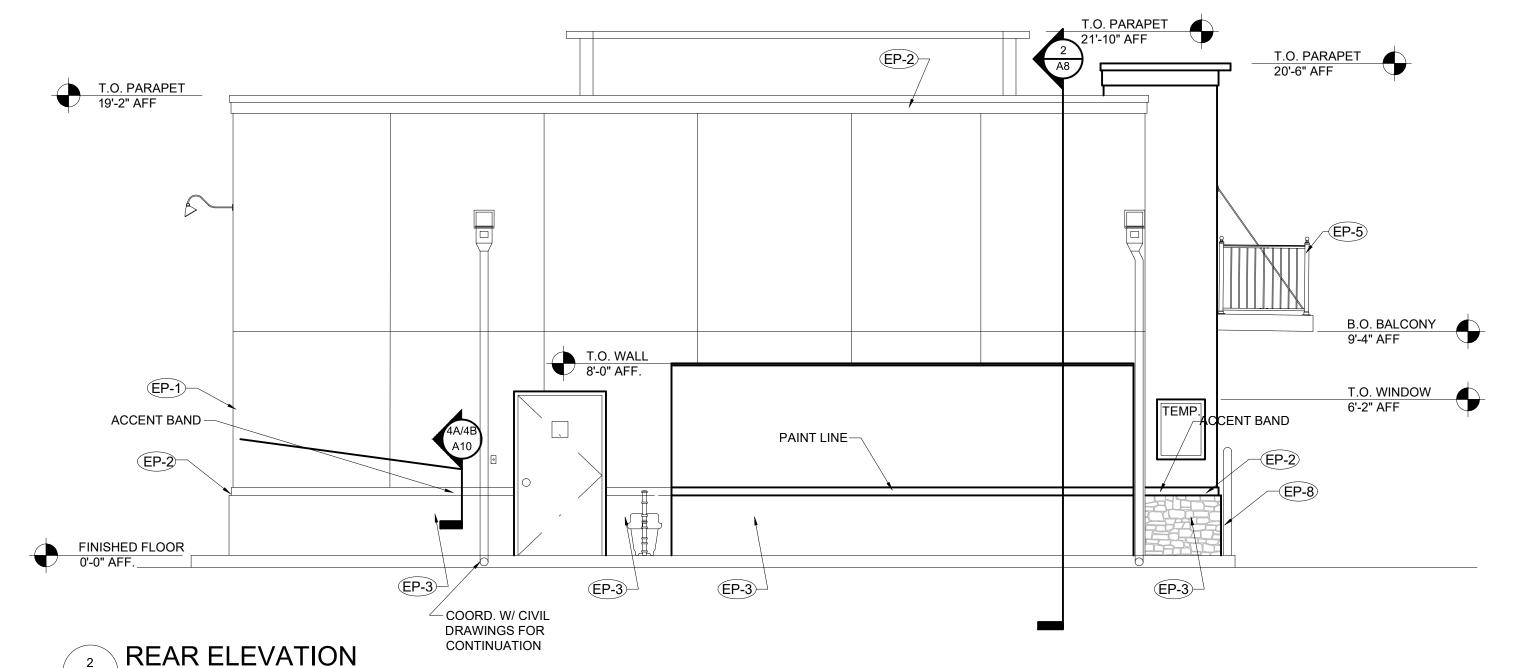
6. "R" (RILLED TEXTURE) FINISHES MUST BE FLOATED WITH A PLASTIC TROWEL TO ACHIEVE THEIR RILLED TEXTURE.

7. AVOID INSTALLING SEPARATE BATCHES OF FINISH SIDE-BY-SIDE. 8. APPLY FINISH COLOR TO EIFS MIX AND APPLY TO WALL.

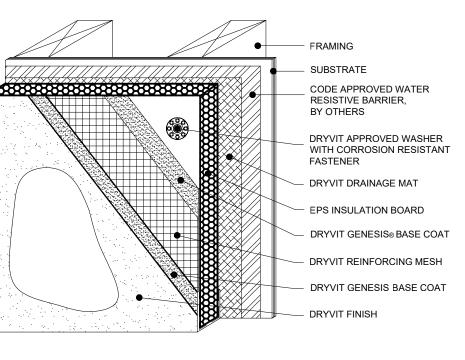
COLOR TO MATCH EXTERIOR FINISH SCHEDULE COLORS. L. EXTERIOR INSULATION AND FINISH TEXTURE SYSTEM: APPLY HIGH IMPACT SYSTEM ADJACENT TO DOORS FOR ADDITIONAL IMPACT RESISTANCE, USING INTERMEDIATE MESH. USE THE STANDARD

SYSTEM SPECIFICATIONS AT ALL OTHER LOCATIONS.

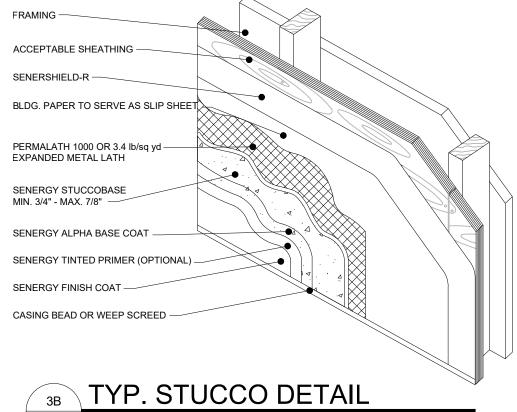




EXI	ERIOR FINISH NOTES						
STO COLORS							
NA10-0016 - DELIGHTFUL GOLDEN							
NA01-0061 - EXOTIC RED							
NA10-0017	' - MOCHA BROWN						
	DRYVIT COLORS						
POPE0510	20 - DELIGHTFUL GOLDEN						
POPE0210	28S - EXOTIC RED						
POPE031020S - MOCHA BROWN							
E.I.F.S. WALL TEXTURE FINISH							
Manuf.	Texture						
STO	STO ESSENCE SWIRL						
DRYVIT	QUARTZ PUTZ						
DRYVIT	QUARTZ PUTZ FINISH NOTES						
THE FOLLOWING							
THE FOLLOWING	FINISH NOTES G COMPONENTS CAN BE PURCHASED						
THE FOLLOWING	FINISH NOTES G COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS:						
THE FOLLOWING FROM THE APPR	FINISH NOTES G COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS: STANDING SEAM ROOF						
THE FOLLOWING FROM THE APPR	FINISH NOTES G COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS: STANDING SEAM ROOF BALCONY RAILING						
THE FOLLOWING FROM THE APPR	FINISH NOTES COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS: STANDING SEAM ROOF BALCONY RAILING CLEARANCE BAR						
THE FOLLOWING FROM THE APPR	FINISH NOTES COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS: STANDING SEAM ROOF BALCONY RAILING CLEARANCE BAR MENU CANOPY						
THE FOLLOWING FROM THE APPR	FINISH NOTES G COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS: STANDING SEAM ROOF BALCONY RAILING CLEARANCE BAR MENU CANOPY GUARD RAIL						
THE FOLLOWING FROM THE APPR	FINISH NOTES COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS: STANDING SEAM ROOF BALCONY RAILING CLEARANCE BAR MENU CANOPY GUARD RAIL AWNINGS						



Outsulation LCMD option1 as manuf by Dryvit



3B	TYP.	STUCCO DETAIL
A5.0	NTS	ALTERNAT

	101 L	ES LOUISIANA KITCHE		EXTERIOR FINISH SCHEDULE						
	NEW CC	INSTRUCTION AND REIMAGIN	G		UPDATE:	i: 4/5/2017				
Mark	Location	Supplier / Manuf.	Material	Specification	Color	Finish / Notes				
EP-1	MAIN WALL SURFACE ABOVE WAINSCOT ACCENT TRIM		PAINT OR EIFS FORMULA	#2158-30	DELIGHTFUL GOLDEN	Ultraspec Satin				
EP-2	CROWN / WALL SURFACE ACCENT / WAINSCOT ACCENT TRIM	BENJAMIN MOORE	PAINT OR EIFS FORMULA	#2086-10	EXOTIC RED	Ultraspec Satin				
EP-3	WAINSCOT BELOW ACCENT TRIM@REAR BLDG		EIFS / METAL / PAINT	#2107-20	MOCHA BROWN	Ultraspec Satin				
		SHUTTERCONTRACTOR.COM	14 1/2"x60" VINYL SHUTTERS (Balcony)	L2 - VINYL	UNFINISHED	030 - PAINTABLE				
EP-4	SHUTTERS	SHOTTERCONTRACTOR.COM	25 1/2"x119" VINYL SHUTTERS (Building)	L7S - VINYL	UNFINISHED	030 - PAINTABLE				
		BENJAMIN MOORE	PAINT	#2040-10	RAINFOREST FOLIAGE	170 Semi Gloss				
EP-5	D/T THRU WINDOW	RAILING VENDOR / TIGER DRYLAC	METAL / POWDER COAT	RAL 6009	HUNTER GREEN	SMOOTH				
EP-5 (ALT)	CANOPY AND RAILINGS	RAILING VENDOR / BENJAMIN MOORE	METAL / PAINT	#2040-10	RAINFOREST FOLIAGE	P-29 DTM Semi Gloss				
EP-6	STORE FRONT GLAZING	YKK AP	ANODIZED ALUMINUM	#YB5N	DARK BRONZE	21-28 DAYS				
EP-6 (ALT)	STORE FRONT GLAZING		METAL / PAINT	READY MIX	BRONZETONE	P-29 DTM Semi Gloss				
EP-7	DUMPSTER WALLS / GATES	BENJAMIN MOORE	WETAL/ FAINT	#2107-20	MOCHA BROWN	Ultraspec Satin				
EP-8	BOLLARDS		METAL / ASPHALT / PAINT	SAFETY & ZONE ACRYLIC MARKING	RM SAFETY YELLOW	P58-10				
EP-9	ANTINGRADISTED	BENJAMIN MOORE	PAINT	ALIPHATIC ACRYLIC URETHANE	CLEAR GLOSS	M74-00 / M75 (2 COATS)				
SW-1	STONE WAINSCOT	BORAL STONE	VERSETTA; SIMULATED STONE VENEER	LEDGESTONE	PLUMB CREEK	NON-OVERLAPPING				
SG-1		QUIKRETE	VENEER STONE MORTAR	POLYMER MODIFIED	MOCHA BROWN	1137-85				
G-1	AWNING GRATE (OPT.)	AWNING SUPPLIER	METAL / POWDER COAT	RAL 6009	HUNTER GREEN	SMOOTH				
C-1	STANDING SEAM CANOPY	COPPER SALES, INC.	UNA-CLAD	UC-4 ALUMINUM PANTONE PMS 187C	REGAL RED	12" OC / GAUGE PER LOCA CODE REQUIREMENTS				

3 3/1/19

PROJECT NUMBER:

DATE:

SHEET TITLE: FRONT & REAR **EXTERIOR ELEVATIONS** PLOT DATE:

2/19/2019 2:38:02 PM **REVISION & DATE:**

SHEET NUMBER

3

Midlan

9

Architect

EXTERIOR ELEVATIONS —

2/19/2019 2:38:02 PM

PLOT DATE:

REVISION & DATE:

HEADS MUST BE SEATED AND SEALED AGAINST SILL FLASHING ON ANY FASTENERS THAT PENETRATE THROUGH THE SILL FLASHING WIND LOADS: COMPLETED STOREFRONT SYSTEM SHALL

INDICATED 2.4.1. EXTERIOR WALLS:

SPECIFICATIONS

GLAZING)

RELATED SECTIONS:

SERIES YKK AP YES 45 FS/FI SERIES

2. SYSTEM PERFORMANCE DESCRIPTION

ALLOWABLE INFILTRATION OF:

METHOD INDICATED.

SECTION TITLE

PART 1 GENERAL

T.O. WALL 8'-0" AFF.

PAINT LINE -

WALK-IN

FINISHES TO MATCH

ADJACENT

SURFACES

WALK-IN

T.O. PARAPET 21'-10" AFF

T.O. PARAPET 19'-2" AFF

S-36 SEAL **BUILDING SIGN**

(C-1)

ACCENT BAND -

EP-2

(SW-1)

ALUMINUM - FRAMED ENTRANCES AND STOREFRONTS YKK AP PRODUCT

1.1. YKK AP SERIES YES 45 FI STOREFRONT SYSTEM (INSULATING

1.1. SINGLE SOURCE REQUIREMENT: ALL PRODUCTS LISTED BELOW

STOREFRONT SYSTEMS THAT COMPLY WITH PERFORMANCE

MANUFACTURER'S ASSEMBLIES IN ACCORDANCE WITH TEST

2.2. AIR INFILTRATION: WHEN TESTED IN ACCORDANCE WITH ASTM E

2.2.1. 0.06 CFM/FT² (1.10 M ³/H · M²) FOR YES 45 FI SYSTEMS.

REQUIREMENTS INDICATED, AS DEMONSTRATED BY TESTING

283 AT DIFFERENTIAL STATIC PRESSURE OF 6.24 PSF (299 PA),

COMPLETED STOREFRONT SYSTEMS SHALL HAVE MAXIMUM

2.3. WATER INFILTRATION: NO UNCONTROLLED WATER WHEN TESTED

2.3.1. 10 PSF (479 PA) FOR YES 45 FI SYSTEMS. (OR WHEN REQUIRED,

FIELD TESTED IN ACCORDANCE WITH AAMA 503). FASTENER

IN ACCORDANCE WITH ASTM E 331 AT TEST PRESSURE

1. SECTION INCLUDES: ALUMINUM STOREFRONT, INCLUDING:

SHALL BE BY THE SAME MANUFACTURER.

2.1. PERFORMANCE REQUIREMENTS: PROVIDE ALUMINUM

MAIN ENTRY ELEVATION

EMBOSSED ALUMINUM

POSITIVE PRESSURE: PER LOCAL CODE

2.4.1.2. NEGATIVE PRESSURE: PER LOCAL CODE

FOR ALUMINUM STRUCTURES.

INTERIOR WALLS (PRESSURE ACTING IN EITHER 2.4.1.3. DIRECTION): PER LOCAL CODE. DEFLECTION: MAXIMUM ALLOWABLE DEFLECTION IN ANY MEMBER WHEN TESTED IN ACCORDANCE WITH ASTM E 330 WITH

WITHSTAND WIND PRESSURE LOADS NORMAL TO WALL PLANE

ALLOWABLE STRESS IN ACCORDANCE WITH AA SPECIFICATIONS

WHEN TESTED IN ACCORDANCE WITH ASTM E 330 WITH ALLOWABLE STRESS IN ACCORDANCE WITH AA SPECIFICATIONS FOR ALUMINUM STRUCTURES. 2.6. THERMAL MOVEMENT: PROVIDE FOR THERMAL MOVEMENT CAUSED

(EP-1)

6"Ø STEEL BOLLARD

SEE DET. A/SD3, PAINT

SAFETY YELLOW (EP-8)-

TEMP.

BLACK MASTIC SEALANT CONT. TYP. AT ENTIRE

PERIMETER OF BUILDING BASE

TOP @ 4'-6" A.F.F.

SPEAKER-

ACCENT

BAND-

BLACK MASTIC SEALANT

PERIMETER OF BUILDING BASE

SPEAKER-

TEMP.

(C-1)

CONT. TYP. AT ENTIRE

DRIVE THRU ELEVATION

BY 180 DEGREES F. (82.2 DEGREES C.) SURFACE TEMPERATURE, WITHOUT CAUSING BUCKLING STRESSES ON GLASS, JOINT SEAL FAILURE, UNDUE STRESS ON STRUCTURAL ELEMENTS, DAMAGING LOADS ON FASTENERS, REDUCTION OF PERFORMANCE, OR DETRIMENTAL EFFECTS.

THERMAL PERFORMANCE: WHEN TESTED IN ACCORDANCE WITH AAMA 1503.1 AND NFRC 100:

2.7.1. CONDENSATION RESISTANCE FACTOR (CRF F): A MINIMUM OF 44 FOR YES 45 FI SYSTEMS. 2.7.2. THERMAL TRANSMITTANCE U VALUE: 0.51 BTU/HR/FT²/°F OR LESS

FOR YES 45 FI SYSTEMS. NOTE: THERMAL PERFORMANCE FOR THE GLAZED SYSTEM AS A WHOLE WILL BE AFFECTED BY THE CHARACTERISTICS OF THE GLASS SPECIFIED.

SUBMITTALS

GENERAL: PREPARE, REVIEW, APPROVE, AND SUBMIT SPECIFIED SUBMITTALS IN ACCORDANCE WITH "CONDITIONS OF THE CONTRACT" AND DIVISION 1 SUBMITTALS SECTIONS. PRODUCT DATA, SHOP DRAWINGS, SAMPLES, AND SIMILAR SUBMITTALS ARE DEFINED IN

"CONDITIONS OF THE CONTRACT." PRODUCT DATA: SUBMIT PRODUCT DATA FOR EACH TYPE STOREFRONT SERIES SPECIFIED AS REQUIRED BY THE ARCHITECT

OF RECORD. SUBSTITUTIONS: WHENEVER SUBSTITUTE PRODUCTS ARE TO BE CONSIDERED, SUPPORTING TECHNICAL DATA, SAMPLES, AND TEST REPORTS MUST BE SUBMITTED TEN (10) WORKING DAYS PRIOR TO

BID DATE IN ORDER TO MAKE A VALID COMPARISON. SHOP DRAWINGS: PROVIDE TO THE ARCHITECT OF RECORD IF REQUESTED. SHOP DRAWINGS SHOWING LAYOUT, PROFILES, AND PRODUCT COMPONENTS, INCLUDING ANCHORAGE, ACCESSORIES,

FINISH COLORS AND TEXTURES. 2.5. QUALITY ASSURANCE / CONTROL SUBMITTALS: 2.5.1. TEST REPORTS: SUBMIT CERTIFIED TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES IF REQUIRED BY THE LOCAL PERMITTING AUTHORITY.

2.6. CLOSEOUT SUBMITTALS: 2.6.1. WARRANTY: SUBMIT WARRANTY DOCUMENTS SPECIFIED HEREIN.

DEFLECTION: MAXIMUM ALLOWABLE DEFLECTION IN ANY MEMBER QUALITY ASSURANCE

TEMP.

INSTALLER QUALIFICATIONS: INSTALLER EXPERIENCED (AS DETERMINED BY CONTRACTOR) TO PERFORM WORK OF THIS SECTION WHO HAS SPECIALIZED IN THE INSTALLATION OF WORK SIMILAR TO THAT REQUIRED FOR THIS PROJECT. IF REQUESTED BY OWNER, SUBMIT REFERENCE LIST OF COMPLETED PROJECTS.

EP-1

2.2. PRE-INSTALLATION MEETINGS: CONDUCT PRE-INSTALLATION MEETING TO VERIFY PROJECT REQUIREMENTS, SUBSTRATE CONDITIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND MANUFACTURER'S WARRANTY REQUIREMENTS.

PROJECT CONDITIONS / SITE CONDITIONS. 3.1. FIELD MEASUREMENTS: VERIFY ACTUAL MEASUREMENTS / OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION; RETAIN RECORDED MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FIELD MEASUREMENTS, FABRICATION SCHEDULE WITH

CONSTRUCTION PROGRESS TO AVOID CONSTRUCTION DELAYS. WARRANTY 4.1. PROJECT WARRANTY: REFER TO "CONDITIONS OF THE CONTRACT"

FOR PROJECT WARRANTY PROVISIONS. 4.2. MANUFACTURER'S WARRANTY: SUBMIT, FOR OWNER'S ACCEPTANCE, MANUFACTURER'S STANDARD WARRANTY DOCUMENT

EXECUTED BY AN AUTHORIZED COMPANY OFFICIAL. 4.3. WARRANTY PERIOD: MANUFACTURER'S ONE (1) YEAR STANDARD WARRANTY COMMENCING ON THE SUBSTANTIAL DATE OF COMPLETION FOR THE PROJECT PROVIDED THAT THE WARRANTY, IN LOCATION: SECOND SURFACE (2) NO EVENT, SHALL START LATER THAN SIX (6) MONTHS FROM THE DATE OF SHIPMENT BY YKK AP AMERICA INC. EDITOR NOTE:

LONGER WARRANTY PERIODS ARE AVAILABLE AT ADDITIONAL COST. PART 2 PRODUCTS MANUFACTURERS (ACCEPTABLE MANUFACTURERS/PRODUCTS) ACCEPTABLE MANUFACTURERS: YKK AP AMERICA INC.

6. COLORS: AS SPECIFIED BY POPEYES LOUISIANA KITCHEN:

QUIKSERV BP-7241E

IF APPLICABLE

QUIKSERV BP-7241E-IP

INSTALLATION GENERAL: INSTALL MANUFACTURER'S SYSTEM IN ACCORDANCE WITH SHOP DRAWINGS, AND WITHIN SPECIFIED TOLERANCES. PROTECT ALUMINUM MEMBERS IN CONTACT WITH MASONRY, STEEL. CONCRETE, OR DISSIMILAR MATERIALS USING NYLON PADS

5.3. STOREFRONT SYSTEM: YKK AP YES 45 FI STOREFRONT SYSTEM.

OR BITUMINOUS COATING. 2. SHIM AND BRACE ALUMINUM SYSTEM BEFORE ANCHORING TO STRUCTURE.

3. SHIM AND BRACE ALUMINUM SYSTEM BEFORE ANCHORING TO

STRUCTURE. 4. PROVIDE SILL FLASHING AT EXTERIOR STOREFRONT SYSTEMS. EXTEND EXTRUDED FLASHING CONTINUOUS WITH SPLICE JOINTS; SET IN CONTINUOUS BEADS OF SEALANT.

5. VERIFY STOREFRONT SYSTEM ALLOWS WATER ENTERING SYSTEM TO BE COLLECTED IN GUTTERS AND WEPT TO EXTERIOR. VERIFY METAL JOINTS ARE SEALED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS.

SECTION 8D: GLAZING

GENERAL PROVISIONS 1. SCOPE: FURNISH AND INSTALL GLASS IN STOREFRONT AND DRIVE-THRU SERVICE WINDOW.

MATERIALS

1. TYPE: SOLAR CONTROL LOW-E CLEAR INSULATING GLASS "SOLARBAN 60 (2) CLEAR + CLEAR BY VITRO ARCHITECTURAL GLASS. 1.1. OUTDOOR LITE: CLEAR GLASS, SPUTTER COATED ON SECOND

SURFACE (2) 1.2. INDOOR LITE: CLEAR (TRANSPARENT) FLOAT GLASS.

LOW-E COATING: "SOLARBAN" 60 SOLAR CONTROL (SPUTTERED) BY VITRO ARCHITECTURAL GLASS

PERFORMANCE VALUES:

2.1. VISIBLE LIGHT TRANSMITTANCE: 70% 2.2. U-VALUE WINTER: 0.29 2.3. U-VALUE SUMMER: 0.27

2.4. SHGC: 0.39 2.5. SHADING COEFFICIENT: 0.45 2.6. OUTDOOR VISIBLE LIGHT REFLECTANCE: 11%

APPROVED MANUFACTURERS: VITRO CERTIFIED FABRICATOR REQUIRED CERTIFICATION: BOTH LITES TO BE CRADLE TO CRADLE CERTIFIED™, MINIMUM BRONZE LEVEL, BY CRADLE TO CRADLE PRODUCT INNOVATION INSTITUTE (WWW.C2CCERTIFIED.ORG).

OUTDOOR APPEARANCE: CLEAR INSULATING UNIT CONSTRUCTION: 1/4" (6MM) GLASS + 1/2" (13MM) AIR SPACE + 1/4" (6MM) GLASS

DRIVE THRU WINDOW - QUIKSERV MODEL # BP-7241E - STANDARD INSTALLATION MODEL # BP-7241E-IP - HIGH WIND ZONE AS DETERMINED BY THE LOCAL BUILDING CODE

GENERAL NOTES: ACTUAL DIMENSIONS: 72" (W) x 27" (H) ROUGH OPENING 72 1/2" (W) x 41 1/2" (H)

DRIVE THRU SPECIFICATIONS

T.O. PARAPET

21'-10" AFF

19'-2" AFF

- S-36 SEAL

T.O. PARAPET

BUILDING SIGN

9'-4" AFF

FINISHED FLOOR

T.O. WALL 8'-0" AFF.

0'-0" AFF.

ACCENT BAND

(EP-2)-

−(C-1)

SPEAKER

13'-0"

SPEAKER-

EP-5

T,Ø. WINDØW/

1) EYE SET TO BE MOUNTED DIRECTLY BELOW THE SERVICE OPENING. BAR

TO BE MOUNTED ON THE WALL 2) ANCHOR SCREWS TO BE SUPPLIED BY THE CONTRACTOR.

3) JUNCTION BOX TO BE SUPPLIED BY CONTRACTOR.

1) QUIKSERV WINDOWS MUST BE INSTALLED LEVEL AND SQUARE TO WORK 2) ANCHOR ACCORDING TO THE LOCAL BUILDING CODE ANCHOR

SCHEDULE. 3) 115V/15 AMP. DEDICATED CIRCUIT FEATURE.

4) RECOMMENDED HEIGHT FROM FLOOR TO SERVCE OPENING TO BE 36". (CHECK FOR ANY LOCAL CODES OR CITY CODES) 5) SILICONE ALL EXTERIOR AND INTERIOR JOINTS.

6) ALL OTHER TYPES OF ANCHORING TO BE APPROVED BY CERTIFIED ENGINEER.

SHUTTER MANUFACTURER

SHUTTER CONTRACTOR MODEL L-2 VINYL; PHONE: 1-800-734-8368 WWW.SHUTTERCONTRACTOR.COM

INSTALLATION:

EXTERIOR STONE MANUFACTURERS

(2) DOUBLE LOU' VINYL SHUTTER

-1" SPACE GAP

-EIFS FRAME PAINTED EP-1

A. CORONADO STONE PRODUCTS

CONTACT: RICHARD POST; PHONE: 704-728-2775, 775-412-3181 CELL RICHARDP@CORONADO.COM

B. BORAL - VERSETTA STONE PRODUCTS CONTACT:

ASHLEY JOYCE; PHONE: 770-645-4531, 404-797-6706 CELL AHSLEY.JOYCE@BORAL.COM
WARRANTY CONTACT: DENISE PETIT;PHONE 419-318-5325 DENISE.PETIT@BORAL.COM

		STO COLORS				
	NA10-0016	3 - DELIGHTFUL GOLDEN				
	NA01-0061	- EXOTIC RED				
	NA10-0017	' - MOCHA BROWN				
		DRYVIT COLORS				
	POPE0510	20 - DELIGHTFUL GOLDEN				
	POPE0210	28S - EXOTIC RED				
	POPE0310	20S - MOCHA BROWN				
	E.I.I	F.S. WALL TEXTURE FINISH				
ER	Manuf.	Texture				
	STO	STO ESSENCE SWIRL				
	DRYVIT	QUARTZ PUTZ				
		FINISH NOTES				
		G COMPONENTS CAN BE PURCHASED ROVED SIGN VENDORS:				
	*	STANDING SEAM ROOF				
	*	BALCONY RAILING				
	*	CLEARANCE BAR				
	*	MENU CANOPY				
	*	GUARD RAIL				
	*	AWNINGS				
	*	SHUTTERS				
	*	DUMPSTER GATES				
	*	INTERIOR LADDER				

EXTERIOR FINISH NOTES

POPEYES LOUISIANA KITCHEN **EXTERIOR FINISH SCHEDULE** NEW CONSTRUCTION AND REIMAGING UPDATE: 4/5/2017 Mark Location MAIN WALL SURFACE Supplier / Manuf. Material EP-1 ABOVE WAINSCOT ACCENT PAINT OR EIFS FORMULA #2158-30 DELIGHTFUL GOLDEN Ultraspec Satin CROWN / WALL SURFACE EP-2 ACCENT / WAINSCOT BENJAMIN MOORE PAINT OR EIFS FORMULA EXOTIC RED Ultraspec Satin ACCENT TRIM WAINSCOT BELOW EIFS / METAL / PAINT MOCHA BROWN Jltraspec Satin ACCENT TRIM@REAR BLDG 14 1/2"x60" VINYL SHUTTERS L2 - VINYL 030 - PAINTABLE UNFINISHED SHUTTERCONTRACTOR.COM 25 1/2"x119" VINYL EP-4 SHUTTERS UNFINISHED 030 - PAINTABLE SHUTTERS (Building) BENJAMIN MOORE PAINT #2040-10 RAINFOREST FOLIAGE 170 Semi Gloss METAL / POWDER COAT RAILING VENDOR / TIGER DRYI HUNTER GREEN SMOOTH —D/T THRU WINDOW RAILING VENDOR CANOPY AND RAILINGS METAL / PAINT #2040-10 RAINFOREST FOLIAGE P-29 DTM Semi Gloss BENJAMIN MOORE STORE FRONT GLAZING ANODIZED ALUMINUM DARK BRONZE 21-28 DAYS STORE FRONT GLAZING READY MIX BRONZETONE P-29 DTM Semi Gloss METAL / PAINT EP-7 DUMPSTER WALLS / GATES BENJAMIN MOORE #2107-20 MOCHA BROWN Ultraspec Satin SAFETY & ZONE EP-8 BOLLARDS METAL / ASPHALT / PAINT RM SAFETY YELLOW P58-10 ACRYLIC MARKING ALIPHATIC ACRYLIC EP-9 ANTINGATABLISTEL CLEAR GLOSS M74-00 / M75 (2 COATS) BENJAMIN MOORE VERSETTA; SIMULATED SW-1 NON-OVERLAPPING BORAL STONE EDGESTONE PLUMB CREEK STONE WAINSCOT STONE VENEER POLYMER MODIFIED MOCHA BROWN VENEER STONE MORTAR AWNING SUPPLIER AWNING GRATE (OPT.) METAL / POWDER COAT HUNTER GREEN UC-4 ALUMINUM 12" OC / GAUGE PER LOCAL STANDING SEAM CANOPY COPPER SALES, INC REGAL RED PANTONE PMS 187C CODE REQUIREMENTS

SHEET NUMBER

Ø

Moderation

(0)

 \triangleleft

pO

DATE:

3/1/19

REVISION & DATE:

SHEET NUMBER

21'-10" A.F.F. 19'-2" AFF T.O. PARAPET FRAMING T.O. PARAPET FRAMING **LEVELERS** FOR ALL FOR ALL RTUS 15'-4" A.F.F. T.O. LEDGER AT FRONT 13'-8" A.F.F. 13'-4" A.F.F. T.O. DOUBLE PLATE T.O. LEDGER AT FRONT 11'-8" A.F.F. T.O. LEDGER AT REAR 9'-4" A.F.F. B.O. CEILING 9'**-**4" AFF 9'**-**4" AFF 11'-8" A.F.F. T.O. LEDGER AT REAR B.O. CEILING B.O. CEILING -\$USPENDED ¢EILING SLOPE LEDGER 1/4" PER FOOT TOWARDS THE BACK OF BLDG. **KITCHEN** DINING WALK IN BOX HALL

BUILDING SECTION

SECTION 7A: BUILDING INSULATION

GENERAL PROVISIONS

- 1. SCOPE: FURNISH AND INSTALL FIBERGLASS INSULATION AND ROOF INSULATION TO PROVIDE A COMPLETELY INSULATED THERMAL SHELL WITH NO BREAKS OR PENETRATIONS.
- 2. NOTES: INSULATION VALUES SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AND/OR VALUES SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, WHICHEVER REQUIREMENT PROVIDES THE GREATER "R" VALUE.
- 3. QUALITY CONTROL: THE OWNER SHALL BE NOTIFIED WHEN THE INSULATION IS IN PLACE, PRIOR TO THE INSTALLATION OF FINISH MATERIALS

MATERIALS

- 1. FIBERGLASS INSULATION CONCEALED IN WALLS BY OWENS-CORNING OR JOHNS-MANVILLE. 5 1/2", R-19, FIBERGLASS ROLL INSULATION WITH KRAFT TYPE VAPOR BARRIER ON INSIDE FACE.
- 2. FIBER GLASS INSULATION EXPOSED ABOVE CEILING BY OWENS-CORNING OR JOHNS-MANVILLE. 5 1/2", R-19 FIBERGLASS ROLL INSULATION WITH INTEGRAL FOIL REINFORCED KRAFT FACING ON INSIDE FACE WITH FLAME HAZARD RATING OF 25/50 OR LESS.
- 3. ROOF INSULATION BOARD: CLOSED CELL POLYISOCYANURATE FOAM CORE WITH FACTORY-LAMINATED FOIL FACES. FOAM CORES WITH FLAME SPREAD OF 25 OR LESS AND COMPRESSIVE STRENGTH OF 20 PSI OR GREATER (ASTM D-1621) WITH A MINIMUM AGED R VALUE OF PER REGION BY ONE (1) OF THE FOLLOWING APPROVED
 - A. AC FOAM SUPREME BY ATLAS INDUSTRIES
 - B. THERMA ROOF PLUS BY R-MAX C. TEM-PRO SP BY THE TEMPLE EASTEX
- THE LISTED INSULATIONS ARE AVAILABLE THROUGH QUALIFIED ROOFING INSTALLERS. SEE NATIONAL ACCOUNTS
- 4. PERIMETER FOUNDATION INSULATION SHALL BE STYROFOAM SM BY DOW CHEMICAL CO. OR APPROVED EQUAL,2" THICK. THERMAL CONDUCTIVITY SHALL BE .20 BTH/HR/SQ.FT./INCH THICKNESS AT 75 DEG F MEAN TEMPERATURE, R-10 VALUE.
- 5. CONCRETE BLOCK CELL INSULATION FOR MASONRY WALLS SHALL BE SILICONE-TREATED PERLITE LOOSE-FILL INSULATION BY A MEMBER OF THE PERLITE INSTITUTE

PERFORMANCE

- 1. INSTALLATION:
- A. FIBERGLASS INSULATION: STAPLE AND/OR TAPE IN PLACE WITH VAPOR BARRIER SIDE INWARD. ALL JOINTS SHALL BE LAPPED TO PREVENT MOISTURE VAPOR MIGRATION. ALL PENETRATIONS AND PLUMBING AND ELECTRICAL BOXES SHALL BE INSULATED ON THE OUTWARD SIDE. ANY JOINTS NOT OVER WOOD FRAMING OR BLOCKING SHALL BE TAPED THOROUGHLY. STUFF AROUND DOOR FRAMES AND CLOSELY SPACED FRAMING MEMBERS.
- B. ROOF INSULATION: USE MECHANICAL FASTENERS WITH STEEL OR WOOD DECK. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS OF SIX (6) PER BOARD MINIMUM. STAGGER PANEL END JOINTS AT ADJACENT PANEL MID POINT.
- C. PERIMETER FOUNDATION INSULATION: INSTALL FROM TOP OF SLAB DOWNWARD 24" WHEN FOUNDATION DEPTH PERMITS. OTHERWISE INSULATION SHALL EXTEND FROM TOP TO BOTTOM OF SLAB AND THEN HORIZONTALLY UNDER SLAB 24" TOWARD INTERIOR OF BUILDING.
- D. MASONRY CAVITY WALL INSULATION: INSTALL IN CAVITY WHEN SHOWN BETWEEN MASONRY WALL REINFORCING AS WALL IS BEING LAID.
- E. CONCRETE BLOCK CELL INSULATION: INSTALL WHEN SHOWN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

SECTION 7B: POLYVINYL-CHLORIDE ROOFING

PART 1 GENERAL

- 1.1. SECTION INCLUDES
- 1.1.1. DURO-LAST® PVC THERMOPLASTIC MEMBRANE ATTACHED WITH MECHANICAL FASTENERS.
- 1.1.2. DURO-GUARD® ISO II (FLAT), ATTACHED WITH MECHANICAL
- 1.1.3. ATLAS FR-10 FIRE RATED SLIP SHEET, ATTACHED WITH MECHANICAL
- FASTENERS. 1.1.4. PREFABRICATED FLASHINGS, CORNERS, PARAPETS, STACKS,
- VENTS, AND RELATED DETAILS. 1.1.5. FASTENERS, ADHESIVES, AND OTHER ACCESSORIES REQUIRED FOR
- A COMPLETE ROOFING INSTALLATION.
- 1.1.6. TRAFFIC PROTECTION.
- 1.2.1. NRCA THE NRCA ROOFING AND WATERPROOFING MANUAL 1.2.2. ASCE 7 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER
- STRUCTURES. 1.2.3. UL - ROOFING MATERIALS AND SYSTEMS DIRECTORY, ROOFING SYSTEMS (TGFU.R10128).
- 1.2.4. ASTM C 1289 STANDARD SPECIFICATION FOR FACED RIGID CELLULAR POLYISOCYANURATE THERMAL INSULATION BOARD.
- 1.2.5. ASTM D 751 STANDARD TEST METHODS FOR COATED FABRICS. 1.2.6. ASTM D 4434 - STANDARD SPECIFICATION FOR POLY(VINYL
- CHLORIDE) SHEET ROOFING. 1.2.7. ASTM E 108 - STANDARD TEST METHODS FOR FIRE TESTS OF ROOF 1.5. QUALITY ASSURANCE COVERINGS
- 1.2.8. ASTM E 119 STANDARD TEST METHODS FOR FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS.

1.3. SYSTEM DESCRIPTION

EXPERIENCE.

- 1.3.1. GENERAL: PROVIDE INSTALLED ROOFING MEMBRANE AND BASE FLASHINGS THAT REMAIN WATERTIGHT: DO NOT PERMIT THE PASSAGE OF WATER: AND RESIST SPECIFIED UPLIFT PRESSURES. THERMALLY INDUCED MOVEMENT, AND EXPOSURE TO WEATHER
- WITHOUT FAILURE 1.3.2. MATERIAL COMPATIBILITY: PROVIDE ROOFING MATERIALS THAT ARE AND APPLICATION REQUIRED, AS DEMONSTRATED BY ROOFING MEMBRANE MANUFACTURER BASED ON TESTING AND FIELD
- 1.3.3. PHYSICAL PROPERTIES: 1.3.3.1. ROOF PRODUCT MUST MEET THE REQUIREMENTS OF TYPE III PVC SHEET ROOFING AS DEFINED BY ASTM D 4434 AND MUST MEET OR EXCEED THE FOLLOWING PHYSICAL PROPERTIES. THICKNESS: 50 MIL, NOMINAL, IN ACCORDANCE WITH ASTM D
- 1.3.3.3. THICKNESS OVER SCRIM: ≥ 28 MIL IN ACCORDANCE WITH ASTM
- BREAKING STRENGTHS: ≥ 390 LBF. (MD) AND ≥ 438 LBF. (XMD) IN ACCORDANCE WITH ASTM D 751, GRAB METHOD. ELONGATION AT BREAK: ≥ 31% (MD) AND ≥ 31% (XMD) IN
- ACCORDANCE WITH ASTM D 751, GRAB METHOD. HEAT AGING IN ACCORDANCE WITH ASTM D 3045: 176 °F FOR 56 DAYS. NO SIGN OF CRACKING, CHIPPING OR CRAZING. (IN ACCORDANCE WITH ASTM D 4434).
- FACTORY SEAM STRENGTH: ≥ 417 LBF. IN ACCORDANCE WITH ASTM D 751, GRAB METHOD. TEARING STRENGTH: ≥ 132 LBF. (MD) AND ≥ 163 LBF. (XMD) IN ACCORDANCE WITH ASTM D 751, PROCEDURE B.
- LOW TEMPERATURE BEND (FLEXIBILITY): PASS AT -40 °F IN ACCORDANCE WITH ASTM D 2136. 1.3.3.10. ACCELERATED WEATHERING: NO CRACKING, CHECKING, CRAZING, EROSION OR CHALKING AFTER 5,000 HOURS IN
- ACCORDANCE WITH ASTM G 154. 1.3.3.11. LINEAR DIMENSIONAL CHANGE: < 0.5% IN ACCORDANCE WITH ASTM D 1204 AT 176 ± 2 °F FOR 6 HOURS.
- AT 158 °F FOR 166 HOURS. STATIC PUNCTURE RESISTANCE: ≥ 56 LBS. IN ACCORDANCE
- WITH ASTM D 5602. DYNAMIC PUNCTURE RESISTANCE: ≥ 14.7 FT-LBF. IN
- ACCORDANCE WITH ASTM D 5635. 1.3.4. COOL ROOF RATING COUNCIL (CRRC):
- 1.3.4.1.1. INITIAL SOLAR REFLECTANCE: ≥ 88% 1.3.4.1.2. INITIAL THERMAL EMITTANCE: ≥ 87% 1.3.4.1.3. INITIAL SOLAR REFLECTIVE INDEX (SRI): ≥ 111 1.3.4.1.4. 3-YEAR AGED SOLAR REFLECTANCE: ≥ 68%

1.3.4.1. MEMBRANE MUST BE LISTED ON CRRC WEBSITE.

- 1.3.4.1.5. 3-YEAR AGED THERMAL EMITTANCE: ≥ 84% 1.3.4.1.6. 3-YEAR AGED SOLAR REFLECTIVE INDEX (SRI): ≥ 82 1.3.5. INSULATION
- 1.3.5.1. PROVIDE OVERALL THERMAL RESISTANCE FOR ROOFING SYSTEM AS FOLLOWS:
- 1.3.5.1.1. MINIMUM R-VALUE: 30. 1.3.5.2. INSTALL USING A MINIMUM OF TWO LAYERS CONFIGURATION AS INDICATED ON THE DRAWINGS.

1.4. SUBMITTALS

- 1.4.1. SUBMIT UNDER PROVISIONS OF SECTION 01300. 1.4.2. DURO-LAST DATA SHEETS ON EACH PRODUCT TO BE USED,
- INCLUDING 1.4.2.1. PREPARATION INSTRUCTIONS AND RECOMMENDATIONS. STORAGE AND HANDLING REQUIREMENTS AND
- RECOMMENDATIONS. 1.4.2.3. INSTALLATION METHODS
- 1.4.2.4. MAINTENANCE REQUIREMENTS.
- 1.4.2. SHOP DRAWINGS: INDICATE INSULATION PATTERN, OVERALL MEMBRANE LAYOUT, FIELD SEAM LOCATIONS, JOINT OR TERMINATION DETAIL CONDITIONS, AND LOCATION OF FASTENERS.
- 1.4.3. VERIFICATION SAMPLES: FOR EACH PRODUCT SPECIFIED, TWO SAMPLES, REPRESENTING ACTUAL PRODUCT, COLOR, AND FINISH. 1.4.3.1. 4 INCH BY 6 INCH SAMPLE OF ROOFING MEMBRANE, OF COLOR
- SPECIFIED 4 INCH BY 6 INCH SAMPLE OF WALKWAY PAD.
- TERMINATION BAR, FASCIA BAR WITH COVER, DRIP EDGE AND GRAVEL STOP IF TO BE USED. EACH FASTENER TYPE TO BE USED FOR INSTALLING MEMBRANE, INSULATION/RECOVER BOARD, TERMINATION BAR
- AND EDGE DETAILS. 1.4.4. INSTALLER CERTIFICATION: CERTIFICATION FROM THE ROOFING SYSTEM MANUFACTURER THAT INSTALLER IS APPROVED. AUTHORIZED, OR LICENSED BY MANUFACTURER TO INSTALL
- ROOFING SYSTEM 1.4.5. MANUFACTURER'S WARRANTIES.

- 1.5.1. PERFORM WORK IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 1.5.2. MANUFACTURER QUALIFICATIONS: A MANUFACTURER SPECIALIZING IN THE PRODUCTION OF PVC MEMBRANES SYSTEMS AND UTILIZING A QUALITY CONTROL MANUAL DURING THE PRODUCTION OF THE MEMBRANE ROOFING SYSTEM THAT HAS BEEN APPROVED BY AND IS INSPECTED BY UNDERWRITERS LABORATORIES.
- 1.5.3. INSTALLER QUALIFICATIONS: COMPANY SPECIALIZING IN INSTALLATION OF ROOFING SYSTEMS SIMILAR TO THOSE SPECIFIED IN THIS PROJECT AND APPROVED BY THE ROOFING SYSTEM
- MANUFACTURER. COMPATIBLE WITH ONE ANOTHER UNDER CONDITIONS OF SERVICE 1.5.4. SOURCE LIMITATIONS: OBTAIN COMPONENTS FOR MEMBRANE ROOFING SYSTEM FROM ROOFING MEMBRANE MANUFACTURER
 - 1.5.5. THERE SHALL BE NO DEVIATIONS FROM THE ROOF MEMBRANE MANUFACTURER'S SPECIFICATIONS OR THE APPROVED SHOP DRAWINGS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE

1.6. REGULATORY REQUIREMENTS

1.6.2.1. EXTERIOR FIRE-TEST EXPOSURE:

HAZARD REQUIREMENTS.

- 1.6.1. CONFORM TO APPLICABLE CODE FOR ROOF ASSEMBLY WIND UPLIFT AND FIRE HAZARD REQUIREMENTS.
- 1.6.2. FIRE EXPOSURE: PROVIDE MEMBRANE ROOFING MATERIALS WITH THE FOLLOWING FIRE-TEST-RESPONSE CHARACTERISTICS. MATERIALS SHALL BE IDENTIFIED WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AND INSPECTING AGENCY.
- 1.6.2.1.1. CLASS A; ASTM E 108, FOR APPLICATION AND ROOF SLOPES FIRE-RESISTANCE RATINGS: COMPLY WITH ASTM E 119 FOR
- FIRE-RESISTANCE-RATED ROOF ASSEMBLIES OF WHICH ROOFING SYSTEM IS A PART 1.6.2.3. CONFORM TO APPLICABLE CODE FOR ROOF ASSEMBLY FIRE
- 1.6.3. WIND UPLIFT: 1.6.3.1. ROOFING SYSTEM DESIGN: PROVIDE A ROOFING SYSTEM DESIGNED TO RESIST UPLIFT PRESSURES CALCULATED ACCORDING TO THE CURRENT EDITION OF THE ASCE-7 SPECIFICATION MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

1.7. PRE-INSTALLATION MEETING

- WATER ABSORPTION: < 1.7% IN ACCORDANCE WITH ASTM D 570 1.7.1. CONVENE MEETING NOT LESS THAN ONE WEEK BEFORE STARTING WORK OF THIS SECTION. 1.7.2. REVIEW METHODS AND PROCEDURES RELATED TO ROOF DECK CONSTRUCTION AND ROOFING SYSTEM INCLUDING, BUT NOT
 - LIMITED TO, THE FOLLOWING. 1.7.2.1. MEET WITH OWNER, ARCHITECT, OWNER'S INSURER IF APPLICABLE, TESTING AND INSPECTING AGENCY REPRESENTATIVE, ROOFING INSTALLER, ROOFING SYSTEM MANUFACTURER'S REPRESENTATIVE, DECK INSTALLER, AND INSTALLERS WHOSE WORK INTERFACES WITH OR AFFECTS ROOFING INCLUDING INSTALLERS OF ROOF ACCESSORIES AND
 - REVIEW AND FINALIZE CONSTRUCTION SCHEDULE AND VERIFY AVAILABILITY OF MATERIALS, INSTALLER'S PERSONNEL, EQUIPMENT, AND FACILITIES NEEDED TO MAKE PROGRESS AND AVOID DELAYS. 1.7.2.3. EXAMINE DECK SUBSTRATE CONDITIONS AND FINISHES FOR

ROOF-MOUNTED EQUIPMENT.

COMPLIANCE WITH REQUIREMENTS, INCLUDING FLATNESS AND 1.7.2.4. REVIEW STRUCTURAL LOADING LIMITATIONS OF ROOF DECK DURING AND AFTER ROOFING.

- 1.7.2.5. REVIEW BASE FLASHINGS, SPECIAL ROOFING DETAILS, ROOF DRAINAGE, ROOF PENETRATIONS, EQUIPMENT CURBS, AND CONDITION OF OTHER CONSTRUCTION THAT WILL AFFECT ROOFING SYSTEM
- REVIEW GOVERNING REGULATIONS AND REQUIREMENTS FOR INSURANCE AND CERTIFICATES IF APPLICABLE.
- REVIEW TEMPORARY PROTECTION REQUIREMENTS FOR ROOFING SYSTEM DURING AND AFTER INSTALLATION. 1.1.1.8. REVIEW ROOF OBSERVATION AND REPAIR PROCEDURES AFTER ROOFING INSTALLATION.

- 1.8. DELIVERY, STORAGE AND HANDLING 1.8.1. DELIVER ROOFING MATERIALS TO PROJECT SITE IN ORIGINAL CONTAINERS WITH SEALS UNBROKEN AND LABELED WITH MANUFACTURER'S NAME, PRODUCT BRAND NAME AND TYPE, DATE OF MANUFACTURE, AND DIRECTIONS FOR STORING AND MIXING WITH OTHER COMPONENTS.
- 1.8.2. STORE LIQUID MATERIALS IN THEIR ORIGINAL UNDAMAGED CONTAINERS IN A CLEAN, DRY, PROTECTED LOCATION AND WITHIN THE TEMPERATURE RANGE REQUIRED BY ROOFING SYSTEM MANUFACTURER. PROTECT STORED LIQUID MATERIAL FROM DIRECT SUNLIGHT
- 1.8.3. PROTECT ROOF INSULATION MATERIALS FROM PHYSICAL DAMAGE AND FROM DETERIORATION BY SUNLIGHT, MOISTURE, SOILING, AND OTHER SOURCES. STORE IN A DRY LOCATION. COMPLY WITH INSULATION MANUFACTURER'S WRITTEN INSTRUCTIONS FOR
- HANDLING, STORING, AND PROTECTING DURING INSTALLATION. 1.8.4. STORE ROOF MATERIALS AND PLACE EQUIPMENT IN A MANNER TO AVOID PERMANENT DEFLECTION OF DECK. 1.8.5. STORE AND DISPOSE OF SOLVENT-BASED MATERIALS, AND MATERIALS USED WITH SOLVENT-BASED MATERIALS, IN

HAVING JURISDICTION.

1.9. WARRANTY 1.9.1. CONTRACTOR'S WARRANTY: THE CONTRACTOR SHALL WARRANT THE ROOF APPLICATION WITH RESPECT TO WORKMANSHIP AND PROPER APPLICATION FOR TWO (2) YEARS FROM THE EFFECTIVE

ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES

- DATE OF THE WARRANTY ISSUED BY THE MANUFACTURER. 1.9.2. MANUFACTURER'S WARRANTY: MUST BE NO-DOLLAR LIMIT TYPE AND PROVIDE FOR COMPLETION OF REPAIRS, REPLACEMENT OF MEMBRANE OR TOTAL REPLACEMENT OF THE ROOFING SYSTEM AT THE THEN-CURRENT MATERIAL AND LABOR PRICES THROUGHOUT THE LIFE OF THE WARRANTY. IN ADDITION THE WARRANTY MUST
- MEET THE FOLLOWING CRITERIA: 1.9.2.1. WARRANTY PERIOD: 15 YEARS FROM DATE ISSUED BY THE
- MANUFACTURER.
- NO EXCLUSIONS FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. 1.9.2.3. NO EXCLUSION FOR DAMAGE CAUSED BY PONDING WATER. 1.9.2.4. NO EXCLUSION FOR DAMAGE CAUSED BY BIOLOGICAL GROWTH.
- ISSUED DIRECT FROM AND SERVICED BY THE ROOF MEMBRANE MANUFACTURER. TRANSFERABLE FOR THE FULL TERM OF THE WARRANTY.

NO ADDITIONAL CHARGE FOR THE WARRANTY.

- 2.1. MANUFACTURER 2.1.1. MANUFACTURER: DURO-LAST ROOFING, INC., WHICH IS LOCATED AT:
- 525 MORLEY DRIVE, SAGINAW, MI 48601. TELEPHONE: 800-248-0280. 2.1.2. ALL ROOFING SYSTEM COMPONENTS TO BE PROVIDED OR APPROVED BY DURO-LAST ROOFING, INC.

2.2. ROOFING SYSTEM COMPONENTS 2.2.1. ROOFING MEMBRANE: DURO-LAST® PVC THERMOPLASTIC

2.2.1.2. EXPOSED FACE COLOR:

2.1.3. SUBSTITUTIONS: NOT PERMITTED.

- MEMBRANE CONFORMING TO ASTM D 4434, TYPE III, FABRIC-REINFORCED, PVC. MEMBRANE PROPERTIES AS FOLLOWS: 2.2.1.1. THICKNESS: 2.2.1.1.1. 50 MIL
- 2.2.1.2.1. WHITE. 2.2.2. ACCESSORY MATERIALS: PROVIDE ACCESSORY MATERIALS SUPPLIED BY OR APPROVED FOR USE BY DURO-LAST ROOFING, INC. 2.2.2.1. SHEET FLASHING: MANUFACTURER'S STANDARD REINFORCED
- PVC SHEET FLASHING. 2.2.2.2. DURO-LAST FACTORY PREFABRICATED FLASHINGS: MANUFACTURED USING MANUFACTURER'S STANDARD REINFORCED PVCMEMBRANE
- 2.2.2.2.1. STACK FLASHINGS. 2.2.2.2.2. CURB FLASHINGS. INSIDE AND OUTSIDE CORNERS. 2.2.2.2.3.
- 2.2.2.2.4. VINYL COATED METAL SCUPPER INSERTS. 2.2.2.2.5. VINYL COATED PITCH PANS. 2.2.3. SEALANTS AND ADHESIVES: COMPATIBLE WITH ROOFING SYSTEM AND SUPPLIED BY DURO-LAST ROOFING, INC. 2.2.3.1. DURO-CAULK® PLUS.
- 2.2.3.2. STRIP MASTIC. 2.2.4. SLIP SHEET: COMPATIBLE WITH ROOFING SYSTEM AND SUPPLIED BY DURO-LAST ROOFING, INC.

- FASTENERS AND PLATES: FACTORY-COATED STEEL FASTENERS AND METAL OR PLASTIC PLATES MEETING FOR FASTENING MEMBRANE AND INSULATION TO SUBSTRATE SUPPLIED BY DURO-LAST ROOFING, INC. 2.2.6.1. #14 HEAVY DUTY FASTENERS.
- ROOFING, INC. 2.2.7.1. TERMINATION BAR. 2.2.7.2. 2-PIECE COMPRESSION METAL SYSTEM.
- INSTALL A MINIMUM OF 1 VENT FOR EACH 1,000 FT² (93 M²) OF
- COATED GLASS SLIP SHEET: 2.2.10.1. 2 PLIES
- 2.2.11. WALKWAYS
- 2.3. ROOF INSULATION 2.3.1. GENERAL: 2.3.1.1. PROVIDE PREFORMED ROOF INSULATION BOARDS THAT
- AS SELECTED FROM MANUFACTURER'S STANDARD SIZES. 2.3.1.2. PROVIDE PREFORMED SADDLES, CRICKETS, AND OTHER INSULATION SHAPES WHERE INDICATED FOR SLOPING TO DRAIN. FABRICATE TO SLOPES INDICATED.
- POLYISOCYANURATE BOARD INSULATION: COMPLYING WITH ASTM C 1289, TYPE II, FELT OR GLASS-FIBER MAT FACER ON BOTH MAJOR SURFACES. MATERIAL AS SUPPLIED BY DURO-LAST.
- 2.4. ROOF INSULATION ACCESSORIES
- RECOMMENDED BY INSULATION MANUFACTURER FOR THE INTENDED USE. FASTENERS: PROVIDE DURO-LAST FACTORY-COATED STEEL FASTENERS AND METAL OR PLASTIC PLATES MEETING
- CORROSION-RESISTANCE PROVISIONS IN FMG 4470, DESIGNED FOR FASTENING INSULATION AND/OR INSULATION COVER BOARDS 3.3.9.3. IN CONFORMANCE TO SPECIFIED DESIGN REQUIREMENTS.

PART 3 EXECUTION

- 3.1. EXAMINATION 3.1.1. VERIFY THAT THE SURFACES AND SITE CONDITIONS ARE READY
- TO RECEIVE WORK. VERIFY THAT THE DECK IS SUPPORTED AND SECURED. VERIFY THAT THE DECK IS CLEAN AND SMOOTH, FREE OF
- 3.1.4. VERIFY THAT THE DECK SURFACES ARE DRY AND FREE OF STANDING WATER, ICE OR SNOW. VERIFY THAT ALL ROOF OPENINGS OR PENETRATIONS THROUGH 3.1.5.
- THE ROOF ARE SOLIDLY SET. CONTRACTOR, NOTIFY ARCHITECT OF UNSATISFACTORY
- 3.2. PREPARATION CLEAN SURFACES THOROUGHLY PRIOR TO INSTALLATION. THE MANUFACTURER FOR ACHIEVING THE BEST RESULT FOR THE
- BITUMEN. 3.3. INSTALLATION
- INSTALL IN ACCORDANCE WITH THE ROOF MANUFACTURER'S REQUIREMENTS. INSULATION: DURO-GUARD® ISO II (FLAT). INSTALL INSULATION IN ACCORDANCE WITH THE ROOF
- INSULATION SHALL BE ADEQUATELY SUPPORTED TO SUSTAIN NORMAL FOOT TRAFFIC WITHOUT DAMAGE WHERE FIELD TRIMMED, INSULATION SHALL BE FITTED TIGHTLY 3.5.2.

- CORROSION-RESISTANCE PROVISIONS IN FMG 4470, DESIGNED CLEAT PLATES.
- GAUGE, HOT-DIPPED GALVANIZED, GRADE 90 METAL WITH A
- 2.2.10.1. ATLAS FR-10 FIRE RATED SLIP SHEET.
- EQUIPMENT. 2.2.11.2. DURO-LAST ROOF TRAK® III WALKWAY PAD.

- 2.3.2.1. DURO-GUARD® ISO II (FLAT). 2.3.2.2. DURO-GUARD® ISO II (FLAT)
- 2.4.1. GENERAL: PROVIDE ROOF INSULATION ACCESSORIES APPROVED BY THE ROOF MEMBRANE MANUFACTURER AND AS

- IF SUBSTRATE PREPARATION IS THE RESPONSIBILITY OF ANOTHER 3.3.14. PREPARATION BEFORE PROCEEDING.
- SUBSTRATE UNDER THE PROJECT CONDITIONS. SURFACES SHALL BE CLEAN, SMOOTH, FREE OF FINS, SHARP
- INSTALL INSULATION IN ACCORDANCE WITH THE ROOF MANUFACTURER'S REQUIREMENTS SEPARATION SLIP SHEET: ATLAS FR-10 FIRE RATED SLIP SHEET.
- MANUFACTURER'S REQUIREMENTS.
- NO MORE INSULATION SHALL BE APPLIED THAN CAN BE COVERED WITH THE ROOF MEMBRANE BY THE END OF THE DAY OR THE ONSET OF INCLEMENT WEATHER.

- 2.2.6. 2.2.6.2. 3 INCH METAL PLATES 2.2.6.3. 2.2.7. TERMINATION AND EDGE DETAILS: SUPPLIED BY DURO-LAST
- 3.3.7.1.3. EXTEND FLASHING MEMBRANE A MINIMUM OF 6 INCHES (152 MM) VINYL COATED METAL: SUPPLIED BY DURO-LAST ROOFING, INC. 24 3.3.7.1.4. USE CARE TO ENSURE THAT THE FLASHING DOES NOT BRIDGE
- MINIMUM OF 17 MIL OF DURO-LAST MEMBRANE LAMINATED TO ONE TWO-WAY ROOF VENTS: SUPPLIED BY DURO-LAST ROOFING, INC.

- DEPRESSIONS, WAVES, OR PROJECTIONS, AND PROPERLY SLOPED TO DRAINS, VALLEYS, EAVES, SCUPPERS OR GUTTERS.
- PREPARE SURFACES USING THE METHODS RECOMMENDED BY
- EDGES, LOOSE AND FOREIGN MATERIAL, OIL, GREASE, AND
- AROUND ROOF PROTRUSIONS WITH NO GAPS GREATER THAN 1/4

- 2.2.11.1. PROVIDE NON-SKID, MAINTENANCE-FREE WALKWAY PADS IN AREAS OF HEAVY FOOT TRAFFIC AND AROUND MECHANICAL
 - COMPLY WITH REQUIREMENTS AND REFERENCED STANDARDS, 3.3.7.3.2. VINYL-COATED METAL PITCH PANS SHALL BE INSTALLED, FLASHED 3.3.7.3.3. PITCH PANS SHALL NOT BE USED WHERE PREFABRICATED OR FIELD
 - FABRICATED FLASHINGS ARE POSSIBLE. ROOF DRAINS: COORDINATE INSTALLATION OF ROOF DRAINS AND VENTS 3.3.8.1. SPECIFIED IN SECTION 15146 - PLUMBING SPECIALTIES. REMOVE EXISTING FLASHING AND ASPHALT AT EXISTING DRAINS IN PREPARATION FOR SEALANT AND MEMBRANE.
 - PROVIDE A SMOOTH CLEAN SURFACE ON THE MATING SURFACE BETWEEN THE CLAMPING RING AND THE DRAIN BASE. EDGE DETAILS: PROVIDE EDGE DETAILS AS INDICATED ON THE DRAWINGS. INSTALL

SECTION 07710.

IN ACCORDANCE WITH THE MEMBRANE MANUFACTURER'S REQUIREMENTS. JOIN INDIVIDUAL SECTIONS IN ACCORDANCE WITH THE MEMBRANE MANUFACTURER'S REQUIREMENTS.

3.3.3.5. IF MORE THAN ONE LAYER OF INSULATION IS USED, ALL JOINTS

3.3.3.6.1. INSTALL FASTENERS IN ACCORDANCE WITH THE ROOF

3.3.4.2. INSTALL FASTENERS IN ACCORDANCE WITH THE ROOF

DESIGN REQUIREMENTS.

GREATER THAN 1/4 INCH.

ROOF PROJECTIONS

WELD WIDTH IS 1-1/2 INCHES.

OTHER SIMILAR CONDITION

OTHER SIMILAR CONDITION.

OR WEEP HOLES.

SECUREMENT

PENETRATIONS:

BETWEEN SUBSEQUENT LAYERS SHALL BE OFFSET BY AT LEAST 6

MECHANICAL ATTACHMENT: USE ONLY FASTENERS, STRESS PLATES

AND FASTENING PATTERNS ACCEPTED FOR USE BY THE ROOF MANUFACTURER. FASTENING PATTERNS MUST MEET APPLICABLE

MANUFACTURER'S REQUIREMENTS. FASTENERS THAT ARE

INSTALL MECHANICAL FASTENERS THROUGH TOP LAYER TO

IMPROPERLY INSTALLED MUST BE REPLACED OR CORRECTED.

ATTACH DURO-GUARD® ISO II (FLAT) INSULATION. INSTALL ALL LAYERS IN PARALLEL COURSES WITH END JOINTS STAGGERED 50%

AND ADJACENT BOARDS BUTTED TOGETHER WITH NO GAPS

ROOF MEMBRANE: 50 MIL, DURO-LAST® PVC THERMOPLASTIC

MANUFACTURER'S REQUIREMENTS. FASTENERS THAT ARE

UTILIZING FASTENERS AND FASTENING PATTERNS THAT IN

IMPROPERLY INSTALLED SHALL BE REPLACED OR CORRECTED

MECHANICALLY FASTEN MEMBRANE TO THE STRUCTURAL DECK

ACCORDANCE WITH THE ROOF MANUFACTURER'S REQUIREMENTS

CUT MEMBRANE TO FIT NEATLY AROUND ALL PENETRATIONS AND

UNROLL ROOFING MEMBRANE AND POSITIONED WITH A MINIMUM 6

WELD OVERLAPPING SHEETS TOGETHER USING HOT AIR. MINIMUM

CHECK FIELD WELDED SEAMS FOR CONTINUITY AND INTEGRITY AND REPAIR ALL IMPERFECTIONS BY THE END OF EACH WORK DAY.

TERMINATIONS SHALL BE COMPLETED IN ACCORDANCE WITH THE

PROVIDE SECUREMENT AT ALL MEMBRANE TERMINATIONS AT THE PERIMETER OF EACH ROOF LEVEL, ROOF SECTION, CURB FLASHING, SKYLIGHT, EXPANSION JOINT, INTERIOR WALL, PENTHOUSE, AND

PROVIDE SECUREMENT AT ANY ANGLE CHANGE WHERE THE SLOPE OR COMBINED SLOPES EXCEEDS TWO INCHES IN ONE HORIZONTAL

FLASHINGS: COMPLETE ALL FLASHINGS AND TERMINATIONS AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH THE

PROVIDE SECUREMENT AT ALL MEMBRANE TERMINATIONS AT THE

SKYLIGHT, EXPANSION JOINT, INTERIOR WALL, PENTHOUSE, AND

3.3.7.1.1. DO NOT APPLY FLASHING OVER EXISTING THRU-WALL FLASHINGS

3.3.7.1.2. SECURE FLASHING ON A VERTICAL SURFACE BEFORE THE SEAM

BETWEEN THE FLASHING AND THE MAIN ROOF SHEET IS

ONTO THE MAIN ROOF SHEET BEYOND THE MECHANICAL

3.3.7.2.1. FLASH ALL PIPES, SUPPORTS, SOIL STACKS, COLD VENTS, AND

3.3.7.2.2. UTILIZE CUSTOM PREFABRICATED FLASHINGS SUPPLIED BY THE

3.3.7.2.3. EXISTING FLASHINGS: REMOVE WHEN NECESSARY TO ALLOW NEW

3.3.7.3.1. CLUSTERS OF PIPES OR OTHER PENETRATIONS WHICH CANNOT BE

FLASHING TO TERMINATE DIRECTLY TO THE PENETRATION.

SEALED BY SURROUNDING THEM WITH A PREFABRICATED

SEALED WITH PREFABRICATED MEMBRANE FLASHINGS SHALL BE

VINYL-COATED METAL PITCH PAN AND SEALANT SUPPLIED BY THE

AND FILLED WITH SEALANT IN ACCORDANCE WITH THE MEMBRANE

OTHER PENETRATIONS PASSING THROUGH THE ROOFING

WITH THE MEMBRANE MANUFACTURER'S REQUIREMENTS.

THE PARAPET MEETS THE ROOF DECK).

PIPE CLUSTERS AND UNUSUAL SHAPES:

MEMBRANE MANUFACTURER.

MEMBRANE MANUFACTURER.

MANUFACTURER'S REQUIREMENTS.

PERIMETER OF EACH ROOF LEVEL, ROOF SECTION, CURB FLASHING,

LOCATIONS WHERE THERE IS A CHANGE IN DIRECTION (E.G. WHERE

MEMBRANE AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE

MEMBRANE TERMINATION/SECUREMENT: ALL MEMBRANE

MEMBRANE MANUFACTURER'S REQUIREMENTS.

MEMBRANE MANUFACTURER'S REQUIREMENTS.

USE ONLY FASTENERS, STRESS PLATES AND FASTENING PATTERNS

ACCEPTED FOR USE BY THE ROOF MANUFACTURER. FASTENING PATTERNS MUST MEET THE APPLICABLE DESIGN REQUIREMENTS.

- COORDINATE INSTALLATION OF METAL FLASHING AND COUNTER FLASHING SPECIFIED IN SECTION 07620 3.3.9.4. MANUFACTURED ROOF SPECIALTIES: COORDINATE INSTALLATION OF COPINGS, COUNTER FLASHING SYSTEMS, GUTTERS, DOWNSPOUTS, AND ROOF EXPANSION ASSEMBLIES SPECIFIED IN
- WALKWAYS: INSTALL WALKWAYS IN ACCORDANCE WITH THE MEMBRANE MANUFACTURER'S REQUIREMENTS. PROVIDE WALKWAYS WHERE INDICATED ON THE DRAWINGS. 3.3.13. INSTALL WALKWAY PADS AT ROOF HATCHES, ACCESS DOORS, ROOFTOP LADDERS AND ALL OTHER TRAFFIC CONCENTRATION POINTS REGARDLESS OF TRAFFIC FREQUENCY. PROVIDED IN
- OR WHERE A PASSAGEWAY OVER THE SURFACE IS REQUIRED. DO NOT INSTALL WALKWAYS OVER FLASHINGS OR FIELD SEAMS UNTIL MANUFACTURER'S WARRANTY INSPECTION HAS BEEN COMPLETED. 3.3.11. WATER CUT-OFFS: 3.3.11.1. PROVIDE WATER CUT-OFFS ON A DAILY BASIS AT THE COMPLETION

AREAS RECEIVING REGULAR TRAFFIC TO SERVICE ROOFTOP UNITS

3.3.11.2. PROVIDE WATER CUT-OFFS TO ENSURE THAT WATER DOES NOT FLOW BENEATH THE COMPLETED SECTIONS OF THE NEW ROOFING 3.3.11.3. REMOVE WATER CUT-OFFS PRIOR TO THE RESUMPTION OF WORK. 3.3.11.4. THE INTEGRITY OF THE WATER CUT-OFF IS THE SOLE

RESPONSIBILITY OF THE ROOFING CONTRACTOR.

OF WORK AND AT THE ONSET OF INCLEMENT WEATHER.

- 3.3.11.5. ANY MEMBRANE CONTAMINATED BY THE CUT-OFF MATERIAL SHALL BE CLEANED OR REMOVED. FIELD QUALITY CONTROL THE MEMBRANE MANUFACTURER'S REPRESENTATIVE SHALL 3.4.1. PROVIDE A COMPREHENSIVE FINAL INSPECTION AFTER COMPLETION OF THE ROOF SYSTEM. ALL APPLICATION ERRORS
- SHALL BE ADDRESSED AND FINAL PUNCH LIST COMPLETED. PROTECTION PROTECT INSTALLED ROOFING PRODUCTS FROM CONSTRUCTION OPERATIONS UNTIL COMPLETION OF PROJECT. WHERE TRAFFIC IS ANTICIPATED OVER COMPLETED ROOFING MEMBRANE, PROTECT FROM DAMAGE USING DURABLE MATERIALS
- THAT ARE COMPATIBLE WITH MEMBRANE. REPAIR OR REPLACE DAMAGED PRODUCTS AFTER WORK IS COMPLETED.

END OF SECTION

DOUBLE 2x TOP PLATE

ROOFING ON 1/2" CDX

PLYWOOD SHEATHING

SIMPSON H2.5 AT

2x6 CONT. WD. RIBBON

NAILED TO EA. STUD W/

TRUSS FRAMING DETAILS

NOTE: SEE SHEET S-3 FOR TYP.

EACH TRUSS

3-16d NAILS.

- FIBERGLASS BAT

INSULATION. (R-19)

CEILING - SEE SHEET

STOREFRONT &

DOOR SEE SHEET

VESTIBULE

A-3

A17

SEE FOUNDATION PLAN

FOR SLAB DETAILS

ROOFING MEMBRANE OVER RIGID

INSULATION R VALUE PER REGION

CANT STRIP

326

Odom

REVISION & DATE:

SECTION PLOT DATE:

SHEET TITLE:

PROJECT NUMBER:

DATE:

SHEET NUMBER:



COOLER

WALK-IN-BOX - SEE

SHEET A13 FOR

ADDITIONAL INFORMATION

HATCHING INDICATES PREFAB.

WOOD TRUSS @ 24"O.C. TO BE

- 2 x 8 CAP OVER 2 X 6

ROOFING ON 1/2" CDX

PLYWOOD SHEATHING

PREFAB. WOOD TRUSS @ 24"O.C. TO

BE DESIGNED PER LOADS ON SHEET

ROOFING MEMBRANE OVER RIGID

INSULATION R VALUE PER REGION

TOP PLATE

- CANT STRIP

-SIMPSON H2.5 AT

– 2x6 CONT. WD. RIBBON

NAILED TO EA. STUD W/ 3-16d

TRUSS FRAMING DETAILS

FIBERGLASS BATT INS.

CEILING - SEE SHEET A-3

NOTE: SEE SHEET S-3 FOR TYPICAL

EACH TRUSS

(R-19)

PLYWOOD

VERTICALLY

TO BEYOND

PLACED

CEILING

KITCHEN

INSULATION

APPLY

TO GWB

URETHANE PAINT

SEE FOUNDATION PLAN

FOR SLAB DETAILS

4A/4B A10

TOP OF PARAPET 19'-2" A.F.F.

TO CL OF J-BOX 15'-8" AFF

TO TOP OF E.I.F.S. FRAME | 15'-3" AFF

2X6 BLOCKING

BETWEEN VERTICAL TRUSS MEMBER (TYP.)

EIFS ON RIGID INSUL.

PLYWOOD SHEATHING

SHUTTER-

EIFS TRIM-

STONE LEDGE SHOWN-AS OPTION.

OVER ½" CDX

(TYP.) —

DESIGNED PER LOADS ON SHEET

TOP OF PARAPET 19'-2" A.F.F.

TOP OF PLATE + 13'-8" A.F.F.

8"x12" 20 GALV. METAL

TO MATCH BUILDING

1/2" x 1/2" REVEAL JOINT BY

EIFS MANUFACTURER -

INSTALLATION

FLASHING KIT

PROVIDED BY KES

1/2" EXPANSION

JOINT MATERIAL

AND INSTALLED BY GC

CONDUCTOR HEAD W/-

OVERFLOW. PROVIDE 4"x4" 22 GA. DOWN SPOUT. POINT

SEE SHEET S-2

ELEVATION

EIFS ON RIGID INSUL. OVER

 $\frac{1}{2}$ " CDX PLYWOOD SHEATHING (TYP.) -

EPS BRACKET ADHERED TO INSULATION - FINISH W/

TOP OF PARAPET FRAMING 20'-7" A.F.F.

PREFABRICATED PVC

WINDOW SHUTTERS

FASTENED TO WALL-

CONNECTORS EACH SIDE

J-BEAD AND SEALANT AT

TOP RAIL TO REMAIN LEVEL

EIFS PENETRATIONS —

INSTALLED BY G.C. AT

EACH WINDOW SHUTTER -

ADJUST BOTTOM RAIL TO

COMPENSATE FOR SLOPE.

LIGHT FIXTURE,

A11

ROD-

PREFABRICATED

D/T WINDOW ----

RECESSED LIGHT

FIXTURE, SEE LIGHTING SCHEDULE —

WINDOW SUPPLIER -

A ON SHEET SD3

SIMULATED STONE

SLOPE CONCRETE

AWAY FROM BLDG.

VENEER -

NOTE: DRIVE-THRU WINDOW

VERIFY ROUGH OPENING W/

CONCRETE FILLED 6" Ø STEEL− BOLLARD PAINT SAFETY YELLOW

(BEYOND0. REFER TO DETAIL

SUPPLIED AND INSTALLED BY G.C.

BALCONY @

SOLID WOOD BLOCK WITH METAL

E.I.F.S. SYSTEM -

2 x 8 CAP OVER 2 X 6

ROOFING ON 1/2" CDX

PLYWOOD SHEATHING

ROOFING MEMBRANE OVER RIGID

INSULATION R VALUE PER REGION

-2X6 WALL FRAMING AT 16"

SEE SHEET A-1

FOR WALL FRAMING

(A1 /

FLASHING AT

EXTERIOR WIB

PLYWOOD PLACED

VERTICALLY TO

BEYOND CEILING

URETHANE PAINT

SEE FOUNDATION PLAN FOR SLAB

DETAILS

TO GWB

KITCHEN

BLOCKING AT EVERY

1/3 POINT OF THE

WALL (TYP.)

O.C. FILL W/ R-19 BATT

INSULATION (TYPICAL)

TOP PLATE

A10

.040" ALUM. CAP FLASHING SNAP

TOP OF PARAPET FRAMING 19'-2" A.F.F.

2X6 BLOCKING BETWEEN

EIFS ON RIGID INSUL. OVER

LIGHT FIXTURE J-BOX —

SHALL BE ALONG THE

CENTERLINE OF THE

GLAZING BELOW.

AWNING FRAME

1/2" EXPANSION JOINT

MATERIAL

TOP OF SLAB + 0'-0"

STANDING SEAM METAL

CANOPY INSTALLED BY

MANUF. —

BOTT. OF AWNING 9'-4" A.F.F.

 $\frac{1}{2}$ " CDX PLYWOOD

SHEATHING (TYP.) -

VERTICAL TRUSS MEMBER (TYP.)-

18'-2" A.F.F. TO C.L. OF J-BOX

LIGHT FIXTURE, SUPPLIED

BY OWNER & INSTALLED BY

TYPE FOR CONCEALED

MEMBRANE FLASHING

TO LAP TOP OF PARAPET

-ROOFING ON 1/2"

CDX PLYWOOD

CANT STRIP

ROOFING MEMBRANE OVER RIGID

INSULATION R VALUE PER REGION

SHEATHING

10'-6" A.F.F

9'-6" A.F.F

 $\begin{pmatrix} 2 \\ A11 \end{pmatrix}$

C.L. OF J-BOX

/BOT. OF FRAMING $\ lacksquare$

OF CEILING

(R-19)

HEADER BEARING HGT.

SHEET A-1

6'-2" A.F.F.

9'-4" A.F.F. CLG. HT.

- 2 X 6 FIRE BLOCKING IN

FIBERGLASS BATT INS

WALL FRAMING SEE

WINDOW FLUSH MOUNT

PROVIDE J-BOX FOR

DEDICATED CIRCUIT

URETHANE PAINT

WINDOW

OTOGWB

TOP OF SLAB

DESIGN

0'-0"

FOR POWER FEED TO

SEE FOUNDATION PLAN

FOR STRUCTURAL

- DRIVE THRU WINDOW PROVIDED AND

DRIVE THRU

INSTALLED BY G.C. "QUICK SERV"

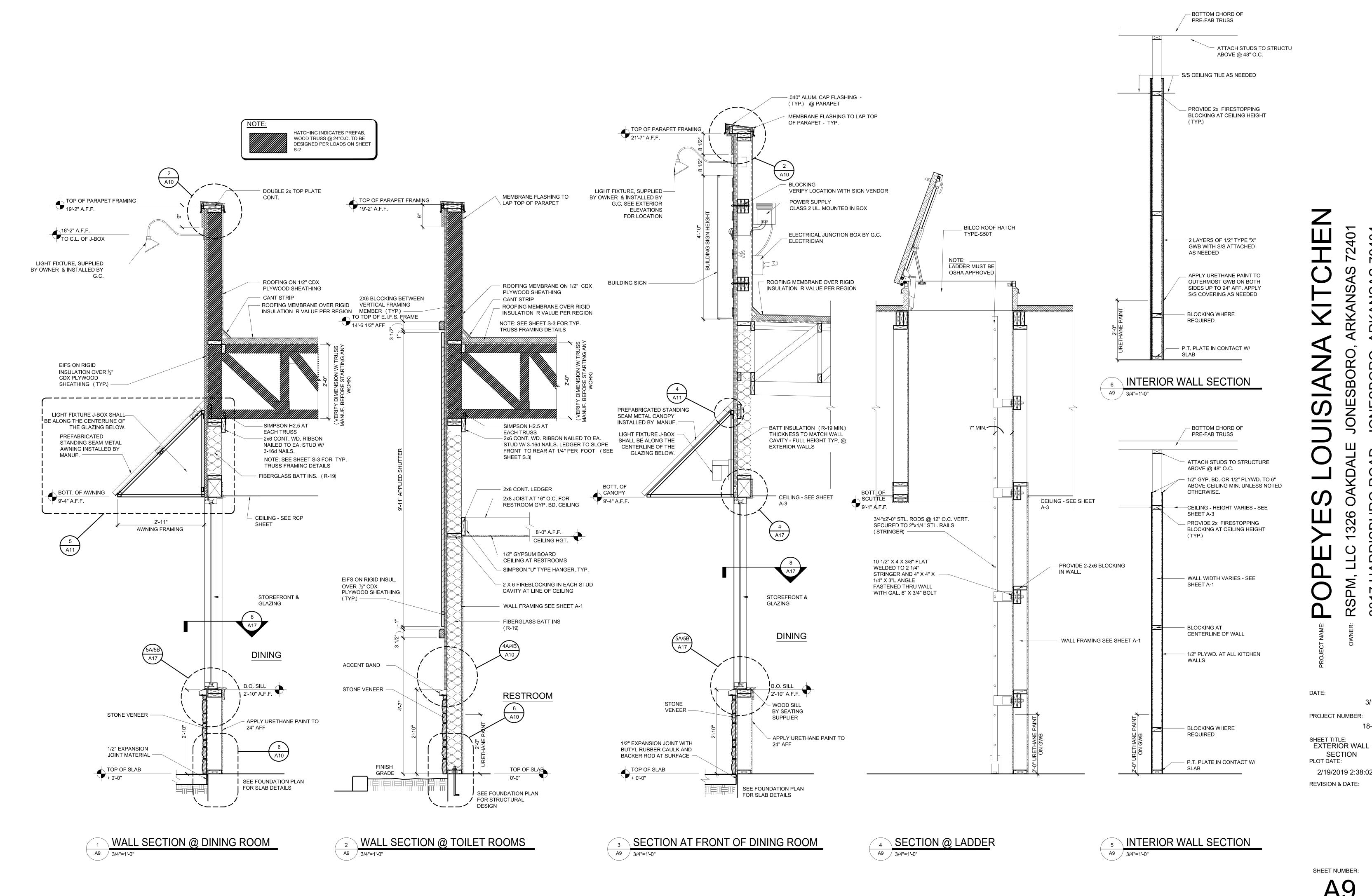
EACH STUD CAVITY AT LINE

S4

FASTENING

FINISH GRADE





HEET NUMBER:

501.574.4007

darrel@odomarchitecture.com

72404

ARKANSAS

JONESBORO

ARRISBURG

3317

Midland

3/1/19

DATE:

PROJECT NUMBER:

SECTION PLOT DATE:

REVISION & DATE:

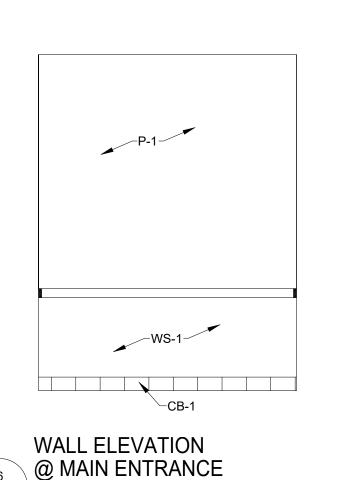
EXTERIOR WALL

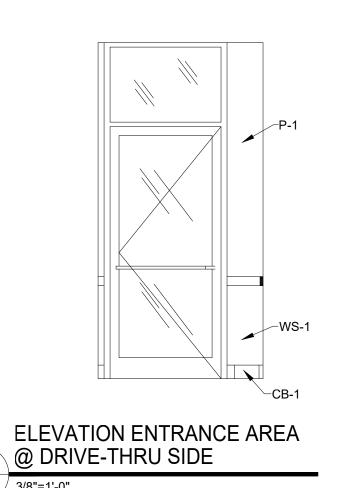
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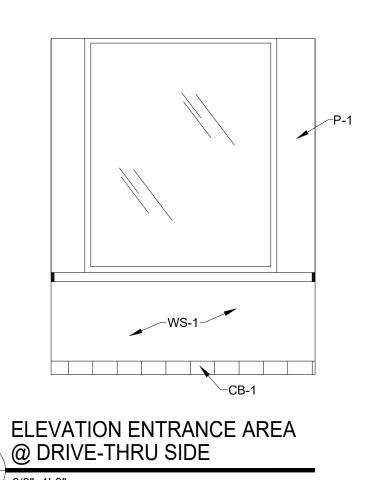
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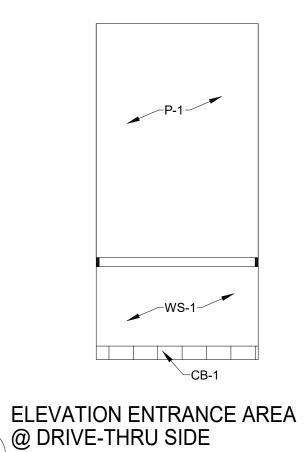
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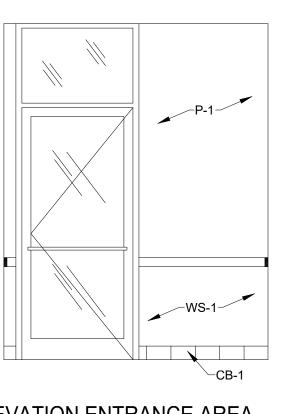
SBORO











ELEVATION ENTRANCE AREA @ DRIVE-THRU SIDE

SHEET NUMBER:

DATE:

PROJECT NUMBER:

REVISION & DATE:

DINING ROOM

ELEVATIONS & DETAILS PLOT DATE:

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SHEET TITLE:

.4007

574

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Odom

3/1/19

3/1/19

SPECIFICATIONS

DIVISION 6: WOOD

SECTION 6B: FINISH CARPENTRY

1. SCOPE: FURNISH AND INSTALL EXPOSED WOOD TRIM, MILLWORK, CASEWORK, WOOD CABINETS, PLASTIC LAMINATES, AND WOOD

SHELVING.

A. MOISTURE CONTENT: FINISH WOODWORK MATERIALS SHALL BE KILN DRIED TO THE FOLLOWING MOISTURE CONTENT UNLESS OTHERWISE RECOMMENDED IN THE APPLICABLE "QUALITY STANDARDS" FOR REGIONAL CLIMATE CONDITIONS:

INTERIOR WOODWORK - 6% TO 11% EXTERIOR WOODWORK - 9% TO 12%

B. FIELD MEASUREMENTS: ALL DIMENSIONS AFFECTING PREFABRICATED MILLWORK AND CASEWORK ITEMS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION.

C. CONDITIONS: PROVIDE PROPER TEMPERATURE AND HUMIDITY REQUIREMENTS FOR WOODWORK INSTALLATION AREAS. INSTALL WOODWORK AFTER THE REQUIRED TEMPERATURE AND RELATIVE HUMIDITY HAVE BEEN STABILIZED IN INSTALLATION AREAS. MAINTAIN TEMPERATURE AND HUMIDITY CONDITIONS UNTIL ACCEPTANCE OF THE WORK BY THE OWNER.

- 3. QUALITY CONTROL: WOODWORK SHALL COMPLY WITH ARCHITECTURAL WOOD WORK INSTITUTE (AWI) "QUALITY STANDARDS" EXCEPT WHERE OTHERWISE NOTED.
- 4. SUBMISSIONS: SUBMIT FOUR (4) COPIES OF SHOP DRAWINGS OF ALL CABINETWORK AND MILLWORK ITEMS TO OWNER.

MATERIALS

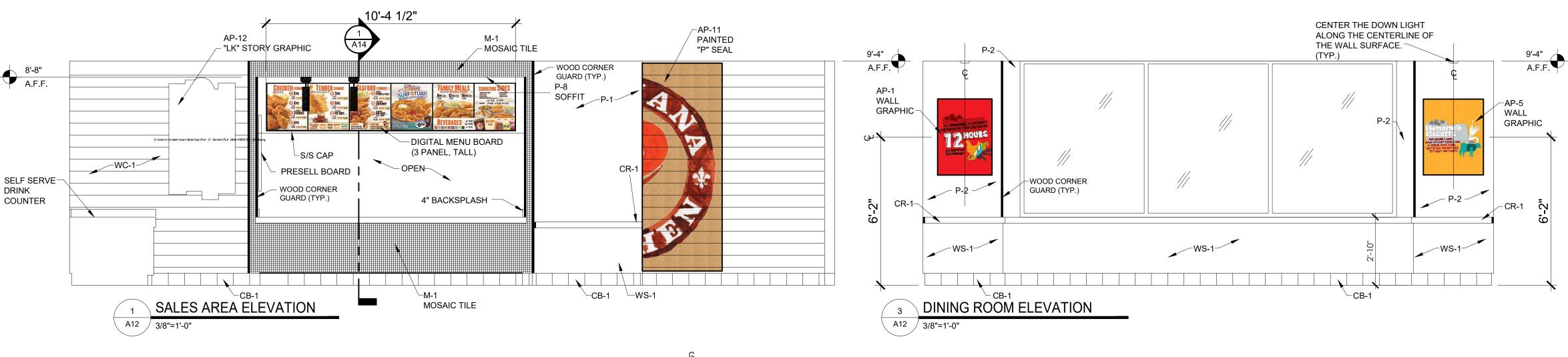
1. WOOD TRIM: PROVIDE BIRCH AS INDICATED ON THE FINISH SCHEDULE IN AWI CUSTOM GRADE I PLAIN SAWN WOOD. FABRICATE WOOD TRIM TO DIMENSIONS, PROFILE AND DETAILS SHOWN. ROUTE OR GROOVE REVERSE SIDE OF TRIM MEMBERS WIDER THAN 4" TO BE APPLIED TO FLAT SURFACES EXCEPT FOR MEMBERS WITH ENDS EXPOSED IN THE FINISHED WORK. SECURE WITH FINISH NAILS STAGGERED AND COUNTER SINK, WITH PUTTY TO MATCH WOOD COLOR. MITER OUTSIDE CORNER AND CONTINUOUS JOINTS. FINISH WITH ONE (1) COAT OF MINWAX PASTE WOOD FILLER AND TWO (2) COATS MINWAX POLYURETHANE FINISH LOW LUSTER.

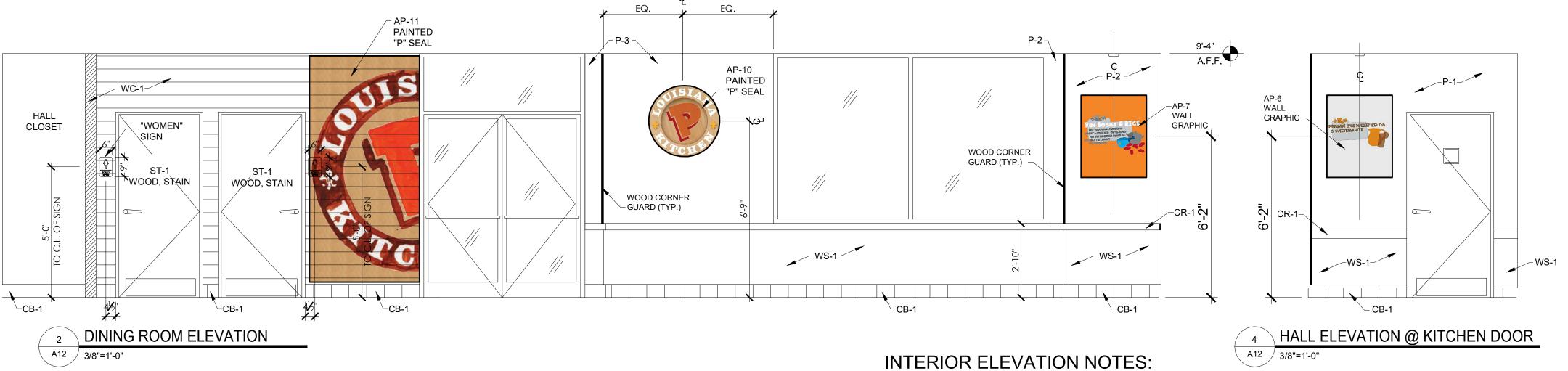
2. WOOD PANELING: REFER TO FINISH SCHEDULE FOR MATERIAL SELECTION. INSTALLATION PER MANUFACTURER'S INSTRUCTIONS. FINISH WITH ONE (1) COAT OF MINWAX PASTE WOOD FILLER AND TWO (2) COATS MINWAX POLYURETHANE FINISH LOW LUSTER. 3. CABINETS, COUNTERTOPS, AND OTHER MILLWORK: COMPLY WITH AWI QUALITY STANDARDS FOR CUSTOM WORK.

A. PLYWOOD: EXPOSED PAINTED - MDO MEDIUM DENSITY OVERLAY CONCEALED - B-C PLYWOOD EXPOSED STAINED - 3/4" BIRCH VENEER PLYWOOD EDGE BAND EXPOSED PLYWOOD EDGES WITH CLEAR WOOD TRIM AND CONCEALED WITH FASTENERS.

B. WOOD TRIM: FINISH WITH ONE (1) COAT OF MINWAX PASTE WOOD FILLER AND TWO (2) COATS MINWAX POLYURETHANE FINISH LOW LUSTER. C. PLASTIC LAMINATE: PROVIDE PLASTIC LAMINATE OF THE MANUFACTURER, COLOR, TEXTURE, AND PATTERN AS SHOWN ON FINISH

4. HARDWARE: ADJUSTABLE SHELF HARDWARE SHALL BE KNAPE AND VOGT, WALL MOUNTED SHELF STANDARDS WITH HEAVY DUTY BRACKETS AS SHOWN. FINISH ANOCHROME.





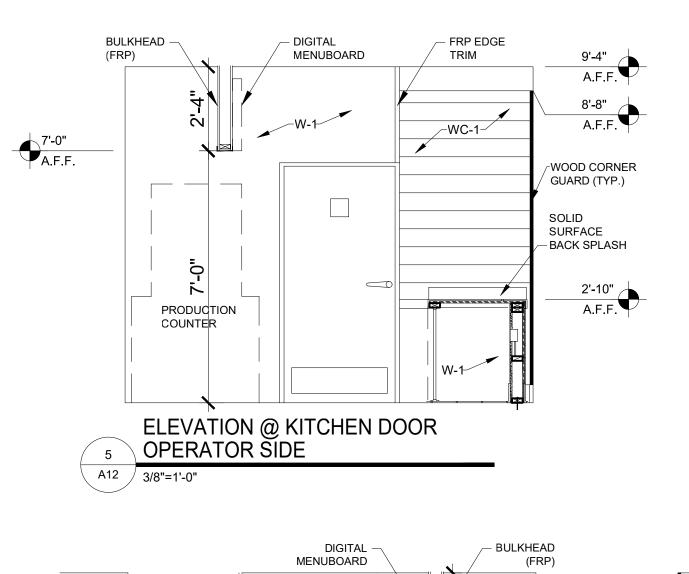
WALL GRAPHIC

CR-1-

__WS-1_

DIGITAL MENU BOARD SPECIFICATIONS

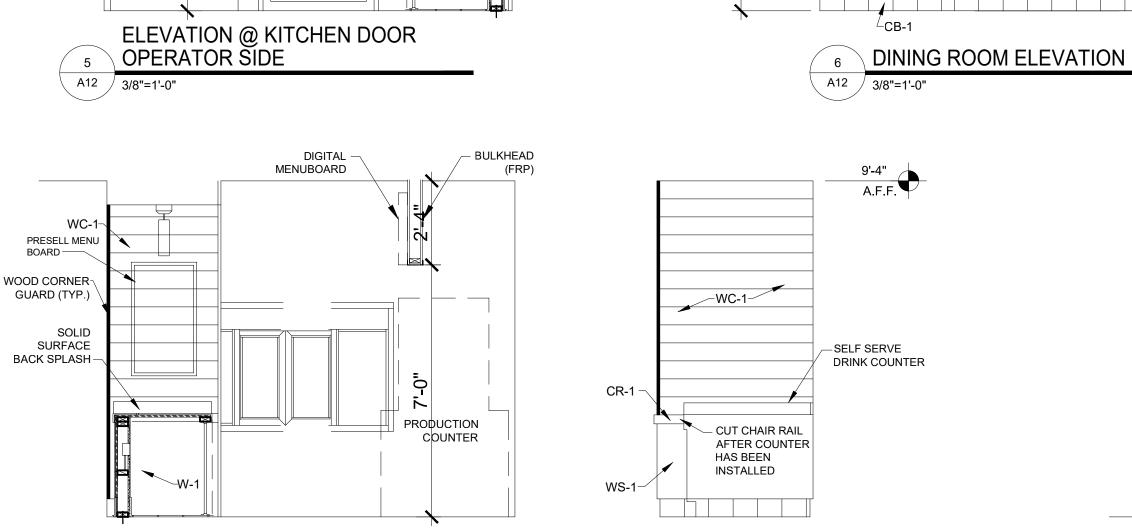


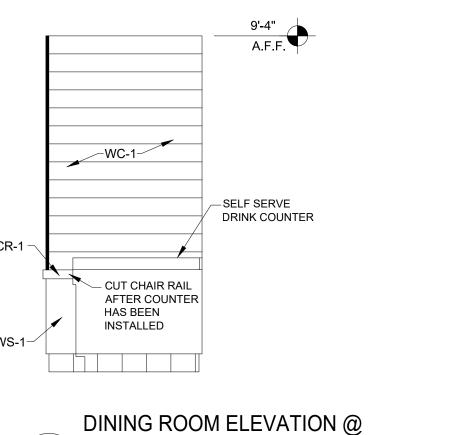


FRONT COUNTER SECTION @

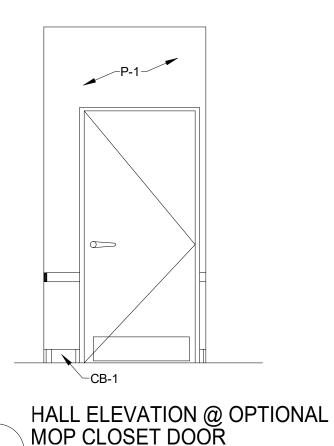
PRESELL BOARD

A12 / 3/8"=1'-0"





BEVERAGE COUNTER



A12 / 3/8"=1'-0"

WS-1-

AT ALL OUTSIDE CORNER WALLS - PROVIDE WOOD

* FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION

CORNER GUARDS.

-WOOD CORNER

GUARD (TYP.)

WALL IMAGE GRAPHICS & LOUISIANA KITCHEN RING A. MOSS RETAIL ENVIRONMENTS (FORMERLY ANDRES IMAGING & GRAPHICS, INC.)

DAN SCANDIFF; PHONE: (773) 435-7600; DJSCANDIFF@MOSSINC.COM B. APA COLOR GRAPHICS, INC.

CONTACT: MO KIM; PHONE: (800) 543-5775/(404) 355-1355; POPEYESORDERS@APACOLORGRAPHICS.COM WARRANTY CONTACT: MIKE BARBIERI MIKEB@APACOLORGRAPHICS.COM

SELF SERVE DRINK

COUNTER ON LEGS

└─ TILE BASE @

WALL BEYOND

SHEET NUMBER

PROJECT NUMBER:

PLOT DATE:

REVISION & DATE:

DINING ROOM

ELEVATIONS & DETAILS —

2/19/2019 2:38:02 PM

PLOT DATE:

PROJECT NUMBER:

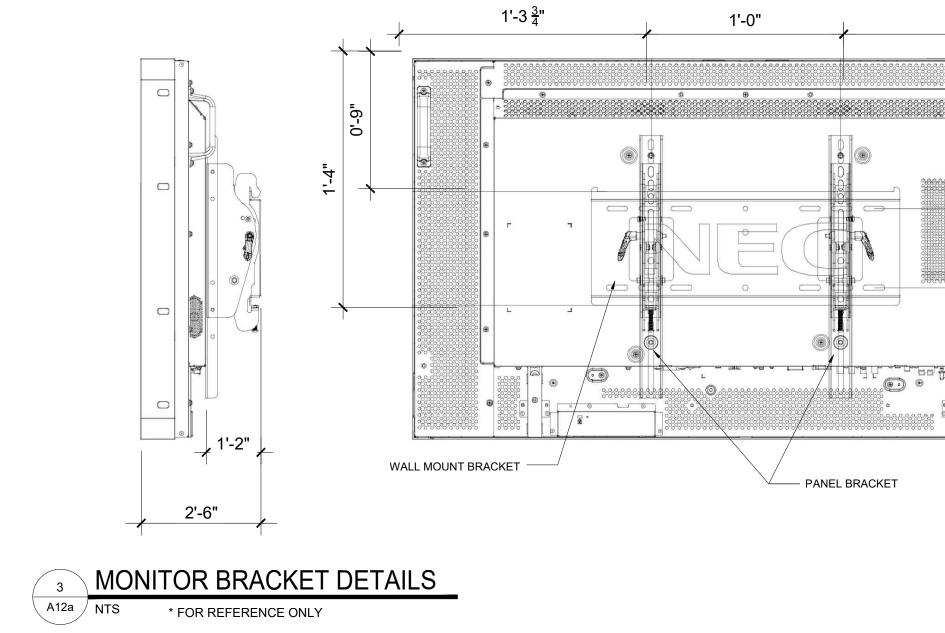
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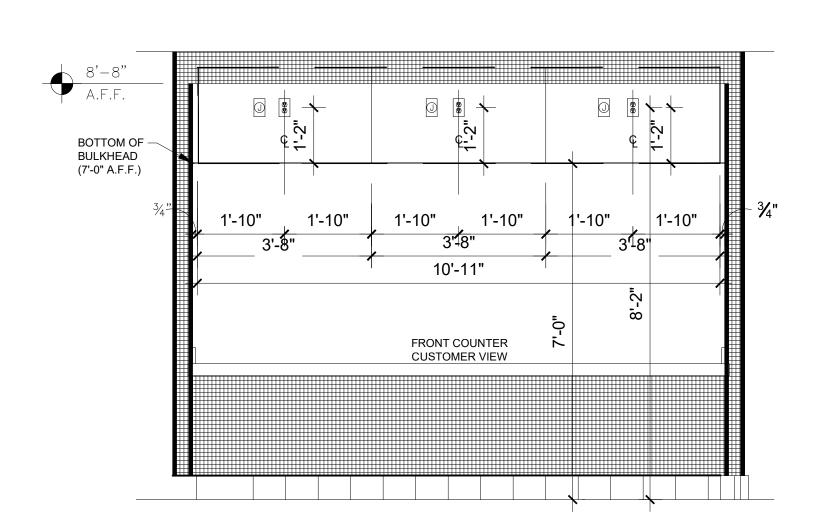
REVISION & DATE:

SHEET TITLE: DIGITAL MENUBOARD ELEVATIONS & DETAILS

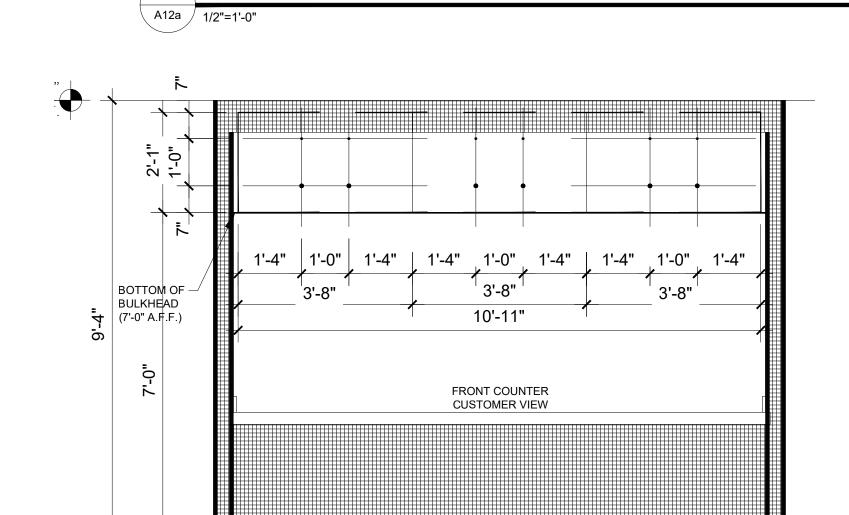
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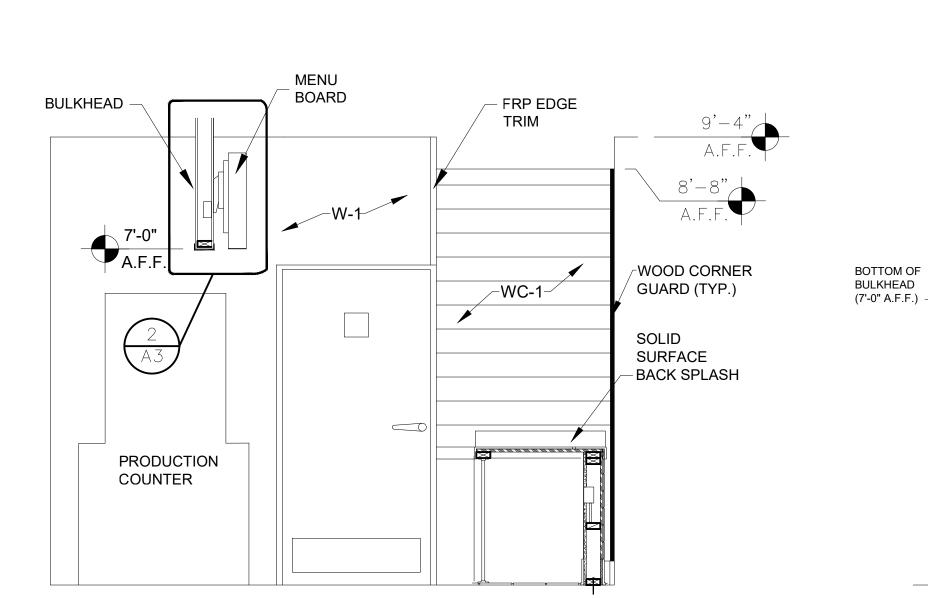
DIGITAL MENUBOARD ELECTRICAL RECEPTACLE LOCATIONS



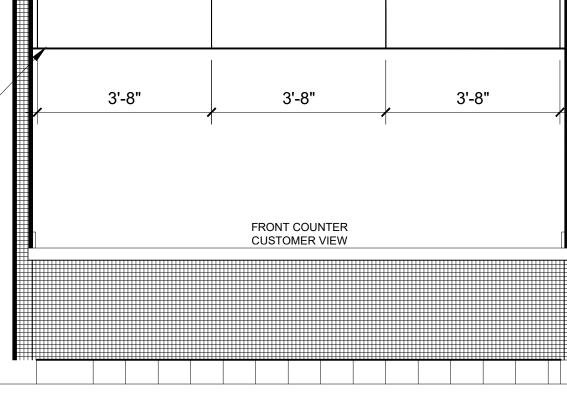
DIGITAL MENUBOARD LOCATION DIAGRAM

FRONT COUNTER SECTION

A12a 1/2"=1'-0"











PENDANT - 2" LEAD -WITH TOP AND BOTTOM SLEEVE -

PRESELL MENU BOARD

FRONT — COUNTER

2'-10"

1'-3 $\frac{3}{4}$ "



SHEET TITLE:

PLOT DATE:

REVISION & DATE:

"H" COUNTER/SEATING
ELEVATIONS & DETAILS

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— SPICE RACK; SCREW TO TOP OF WALL WITH LAG SCREWS PROVIDED BY FURNITURE SUPPLIER.

— COUNTER—TOPS AT BOTH SIDES

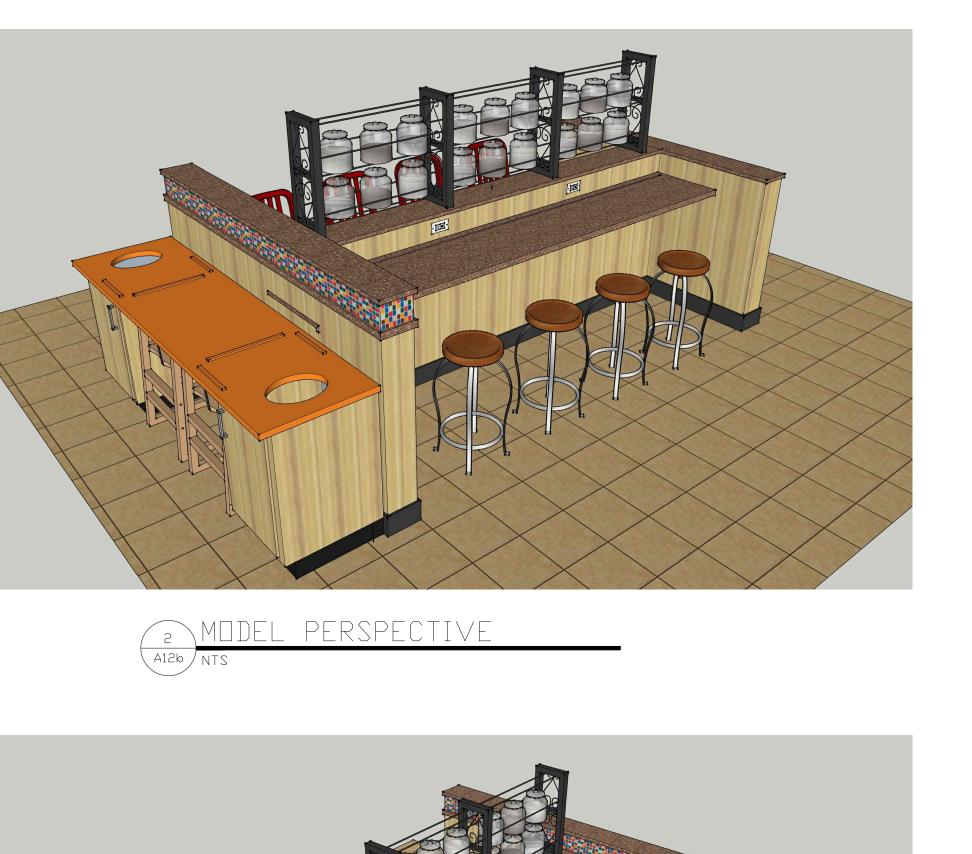
(SS-1)

8 MODEL PERSPECTIVE

2'-6"

G.C. TO SILICONE JARS
IN PLACE

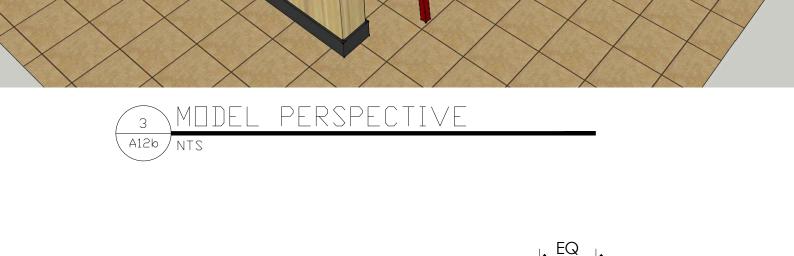
PROJECT NUMBER:

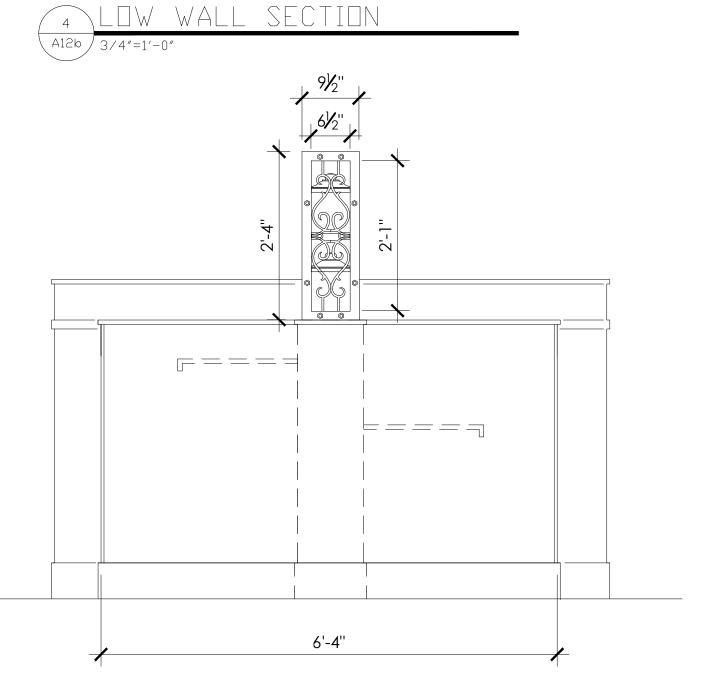












COMPLETED

ASSEMBLY

BACKER TO FASTEN CABINETS TO WALL -

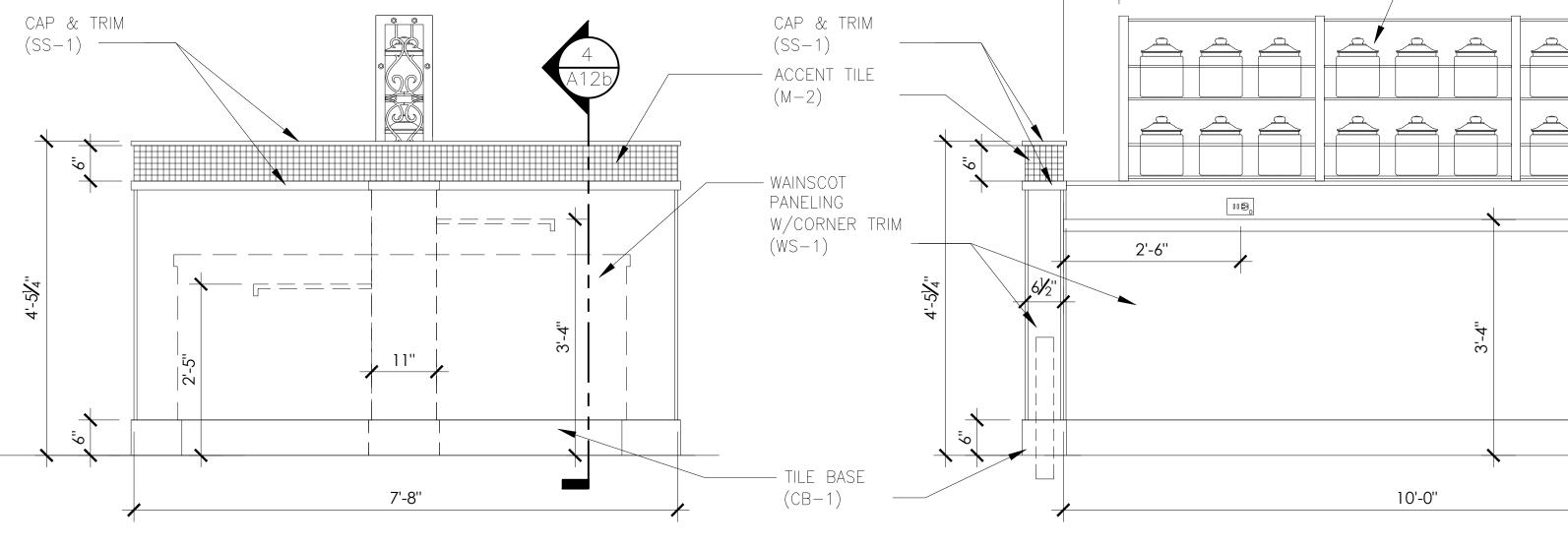
TOE-KICK CONNECTED TO CABINET DOOR TO ALLOW TRASH

CORE-DRILLED WALL BASE BRACKET ----

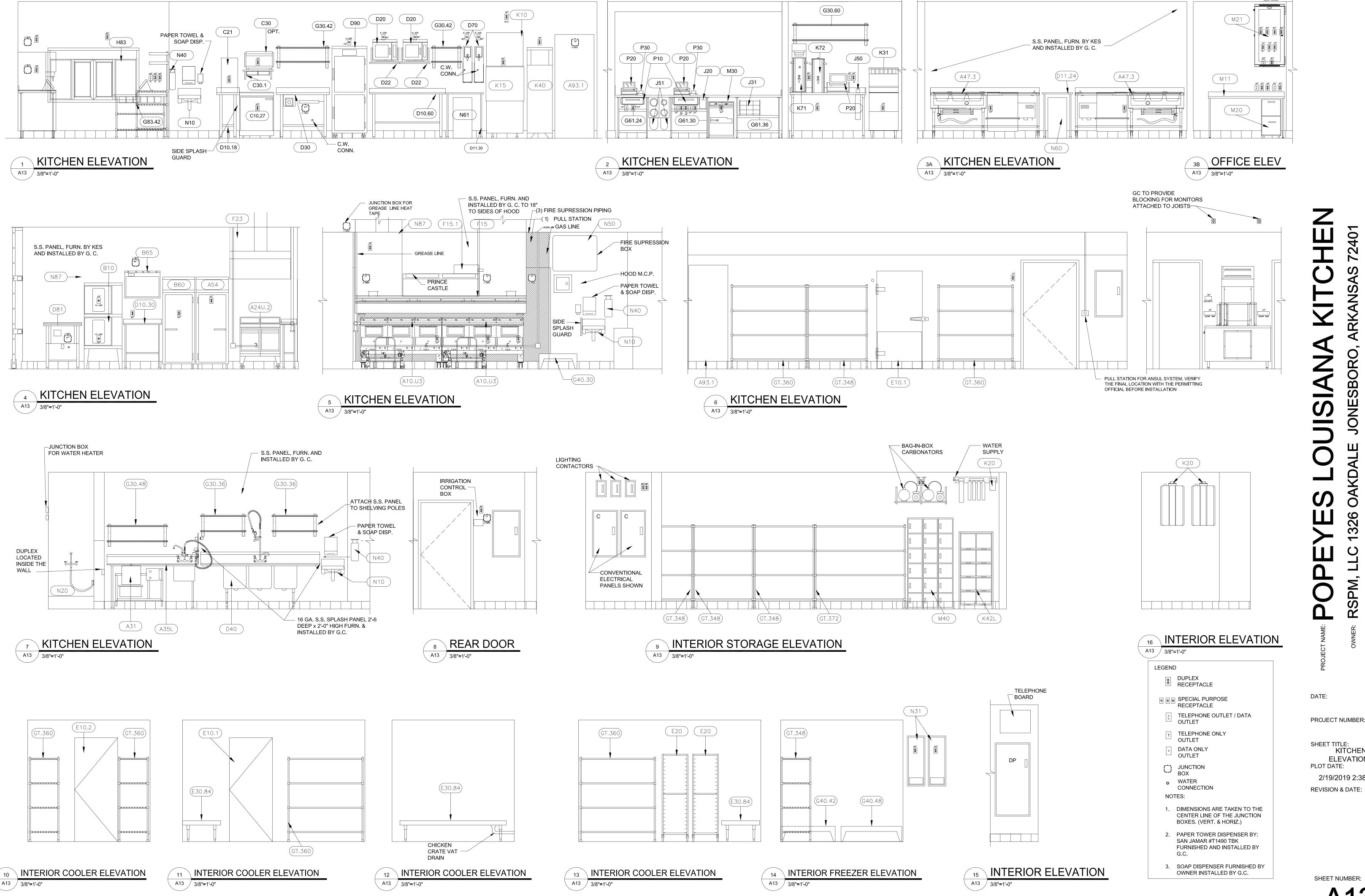
BIN TO SLIDE IN. FLOOR FINISH
TO EXTEND INTO CABINET BASE. ——

10'-0"





A12b 3/4"=1'-0"



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ARKANSAS

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Little

Midland

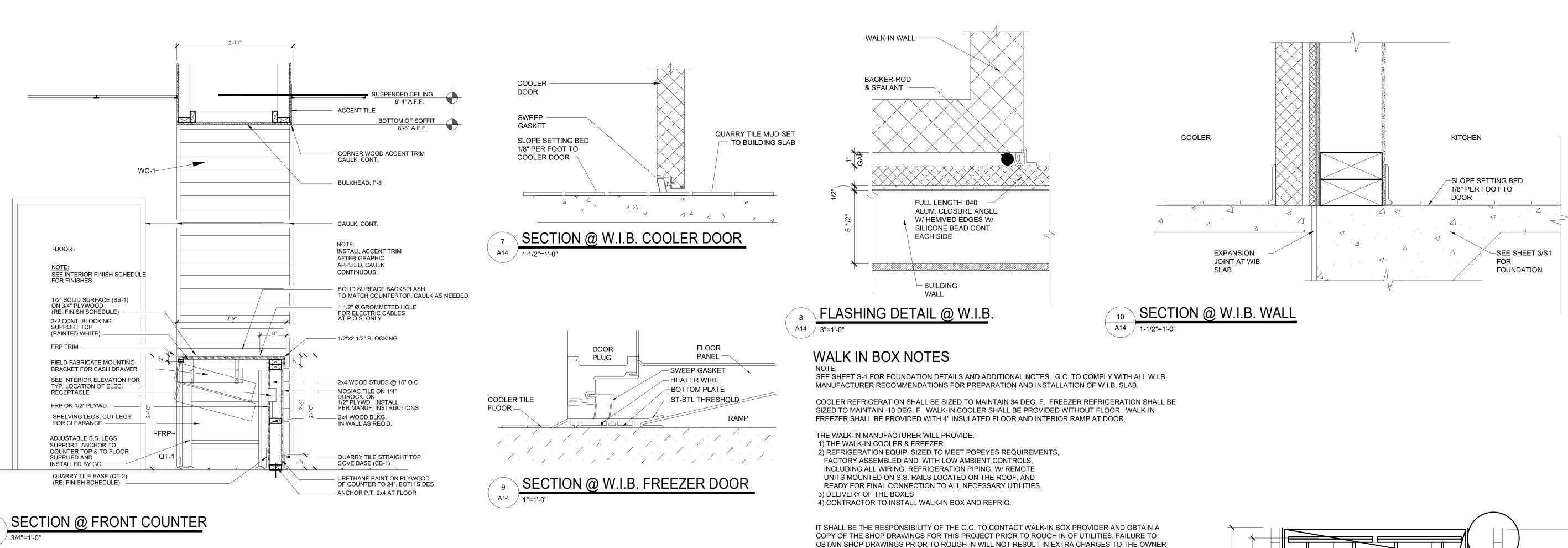
Odom Architecture

3/1/19

SHEET NUMBER:

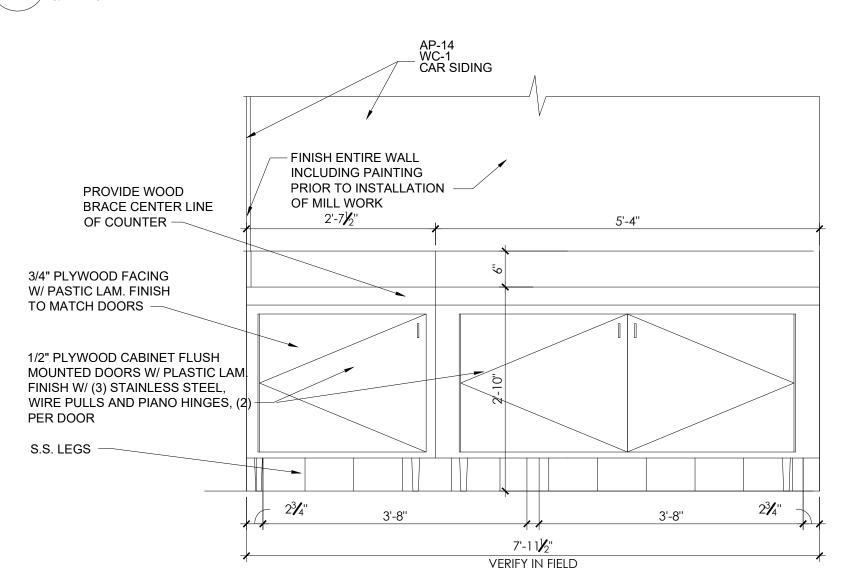
KITCHEN **ELEVATIONS**

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WOOD TRANSITION STRIP TO MATCH CAR SIDING

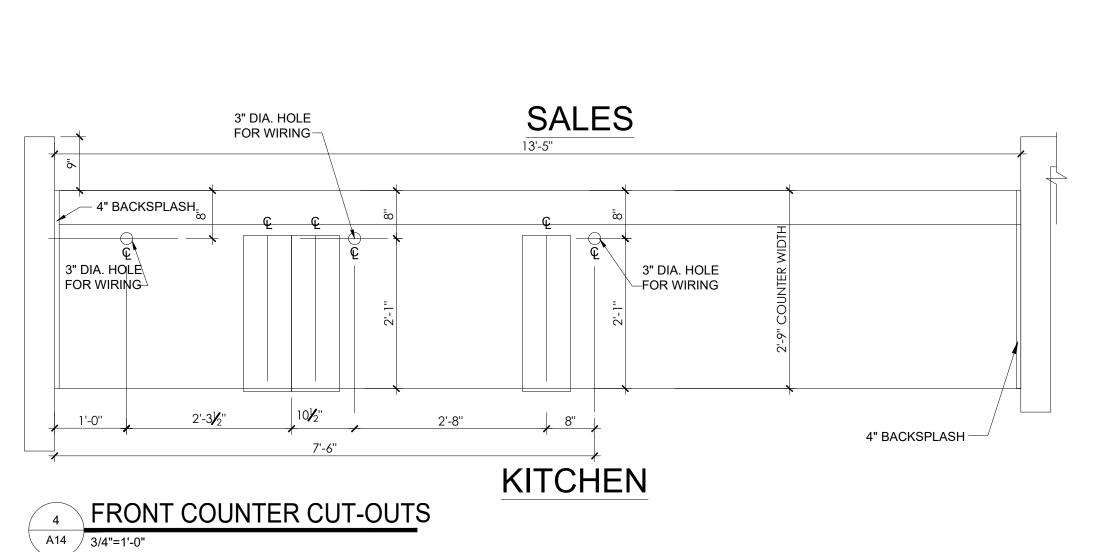
SECTION @ FRONT COUNTER

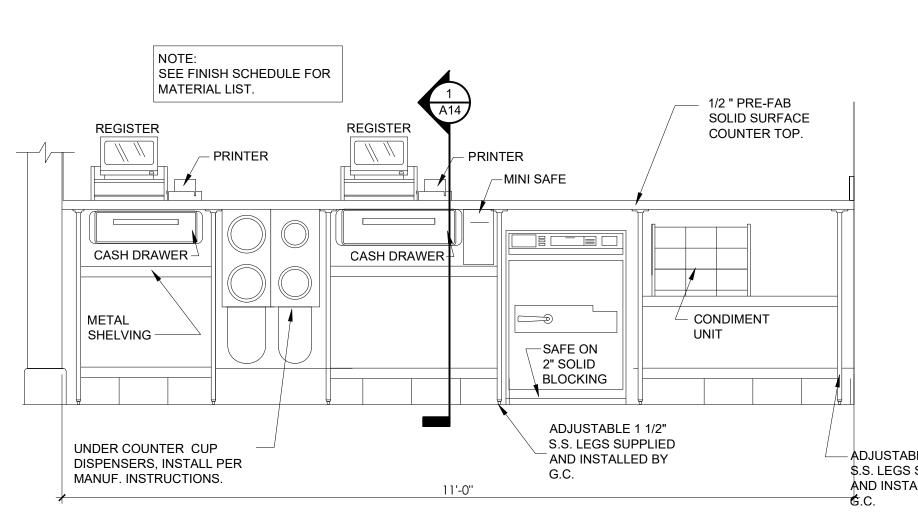




*SUPPLIED BY KITCHEN SUPPLIER

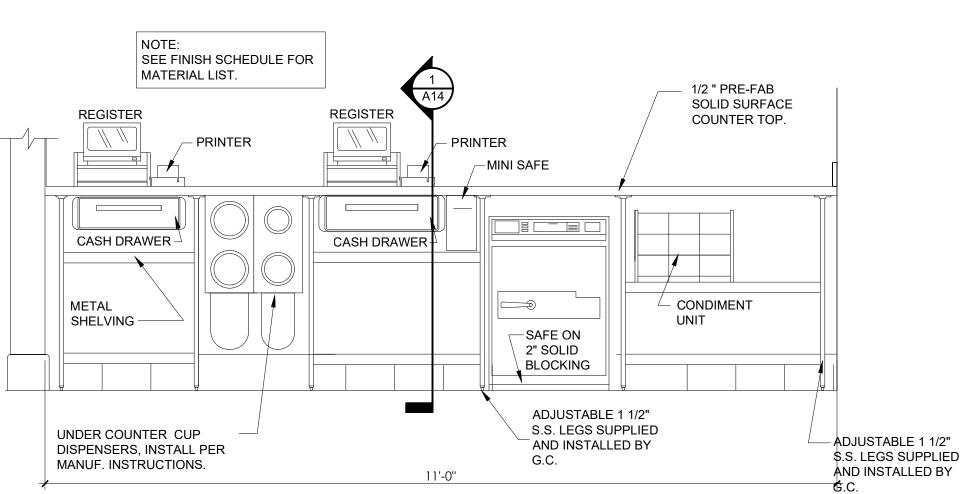
*SEE K3 DRAWING FOR BEVERAGE COUNTER AND ALTERNATE FREESTYLE CONFIGURATION

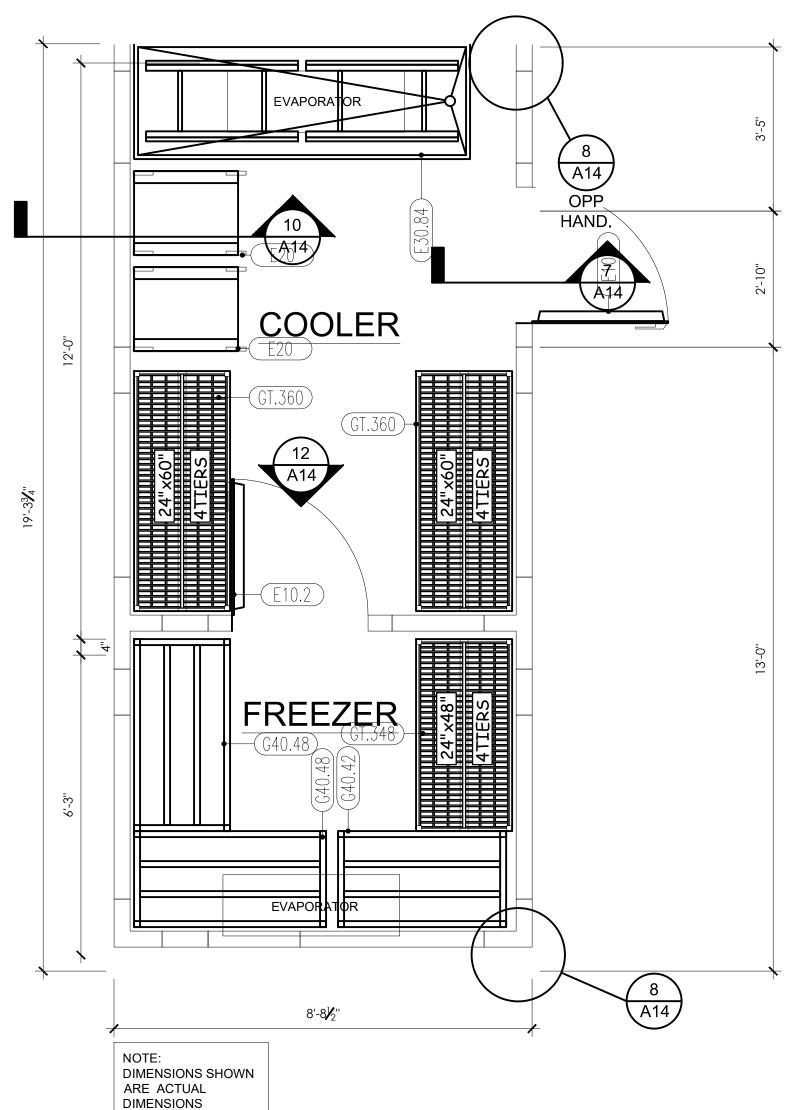




NOTE: SOLID SURFACE REFER TO FINISH AND BACKSPLASH SCHEDULE FOR BY K.E.S. SPECIFICATIONS. FRONT COUNTER ELEVATION 3/4"=1'-0"

FOR RELOCATION OF UTILITIES.







PROJECT NUMBER:

COOLER & COUNTER

SECTIONS & DETAILS

2/19/2019 2:38:02 PM

SHEET TITLE:

PLOT DATE:

REVISION & DATE:

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JONESBOR

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WALL TILE **INSTALLATION NOTES**

- 1) INSTALL PINOT GOLD MEUNIER TILE, T-3, FROM TOP OF COVE BASE TO 4'-10" AFF. PROVIDE FOUR ROWS OF THE TILE AS THE CONTROL.
- 2) INSTALL MARDI GRAS CARNIVAL MOSAIC TILE, M-2, ABOVE FIELD TILE; ONE 12" ROW CUT TO 6" HEIGHT BEFORE INSTALLATION (6" BAND).
- 3) FLOAT MARDI GRAS CARNIVAL MOSAIC TILE, M-2, TO DEPTH OF PINOT GOLD MEUNIER TILE, T-3.
- 4) INSTALL ONE ROW OF THE BULL NOSE PINOT GOLD MEUNIER TILE, T-4, ABOVE TOP OF MARDI GRAS CARNIVAL MOSAIC.
- 5) SEAL ALL WALL TILE GROUT JOINTS WITH EPOXY GROUT.



ENLARGED RESTROOM PLAN

		RESTROOM ACCESSORIES SCHEDULE
QUANTITY	ITEM	
2	R10	WALL MOUNTED MIRROR, CHANNEL FRAME 18"x36" - GAMCO C-18x36
3	R20	SURFACE-MOUNTED DOOR BUMPER - BOBRICK B-6877
7	(R22)	HEAVY DUTY CLOTHES HOOK - BOBRICK B-2116
2	(R30)	SOAP DISPENSER, SURFACE MOUNT - BOBRICK B-4112 (OPTIONAL)
2	(R40)	ROLL TOILET TISSUE DISPENSER - BOBRICK B-2890
2	(R50)	GRAB BAR, STRAIGHT, SNAP FLANGE, 36" - GAMCO 150-S x 36"
2	R51	GRAB BAR, STRAIGHT, SNAP FLANGE, 42" - GAMCO 150-S x 42"
2	R52	GRAB BAR, STRAIGHT, SNAP FLANGE, 18" - GAMCO 150-S x18"
1	(R60)	SANITARY NAPKIN DISPOSAL, SURFACE MOUNT - BOBRICK B-270
2	N80	BABY CHANGING STATION, SURFACE MOUNT - KOALA KARE KB100-00
2	N81	AMERICAN STANDARD MONTERREY 6500.275 LAVATORY FAUCET
2	N82	RECESSED ROLL TOWEL DISPENSER AND WASTE RECEPTACLE, BOBRICK B-43944
2	N84	TOILET, FLOOR MOUNT, SENSOR FLUSH - AMERICAN STANDARD 3043.102
2	N85	KOHLER HAND SINK K20000-0
2	N86	WORLD DRYER MODEL A, DA52-974 - HAND DRYER

CONTRACTOR, EXCEPT SOAP DISPENSER.

SPECIFICATIONS:

DIVISION 10: SPECIALTIES SECTION 10A: TOILET ACCESSORIES GENERAL PROVISIONS

1. SCOPE: INSTALL ACCESSORIES, AND RELATED HARDWARE AS SHOWN ON PLANS OR INSTALLATION DRAWINGS. 2. SUBMISSIONS: PROVIDE INSTALLATION DRAWINGS TO OWNER'S REPRESENTATIVE SHOWING THE SIZE AND LOCATION OF EACH COMPONENT AND ROUGH OPENING SIZES AND MOUNTING HEIGHTS. LABEL ALL COMPONENTS TO CORRESPOND TO INSTRUCTIONS FOR EASE OF INSTALLATION.

MATERIALS

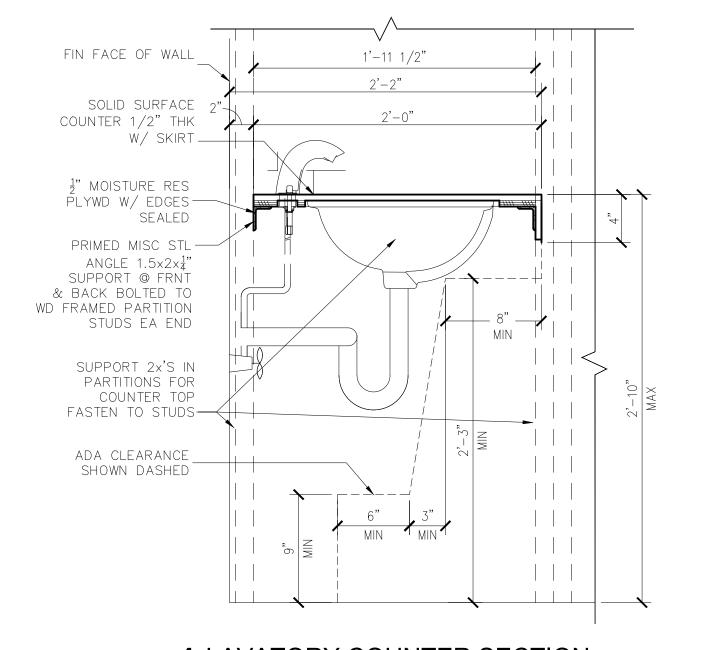
- DOORS FOR TOILET COMPARTMENTS WHERE APPLICABLE WITH STUD WALL PARTITIONS - REFER TO A17 DOORS TYPES & SCHEDULE.
- ACCESSORIES REFER TO DRAWINGS.
- LAVATORY COUNTERTOP: SOLID SURFACE, CAST, NONPOROUS, FILLED POLYMER, NOT COATED, LAMINATED CONSTRUCTION, 1/2" THK., COLOR AS SELECTED BY OWNER'S REPRESENTATIVE FROM MFR'S STANDARD COLORS. BY CORIAN, LG HI-MACS, WILSONART OR FORMICA.

PERFORMANCE

1. INSTALL PARTITIONS, ACCESSORIES, AND HARDWARE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION DRAWINGS.

ACCESSIBILITY NOTES: ADA/ANSI A117.1

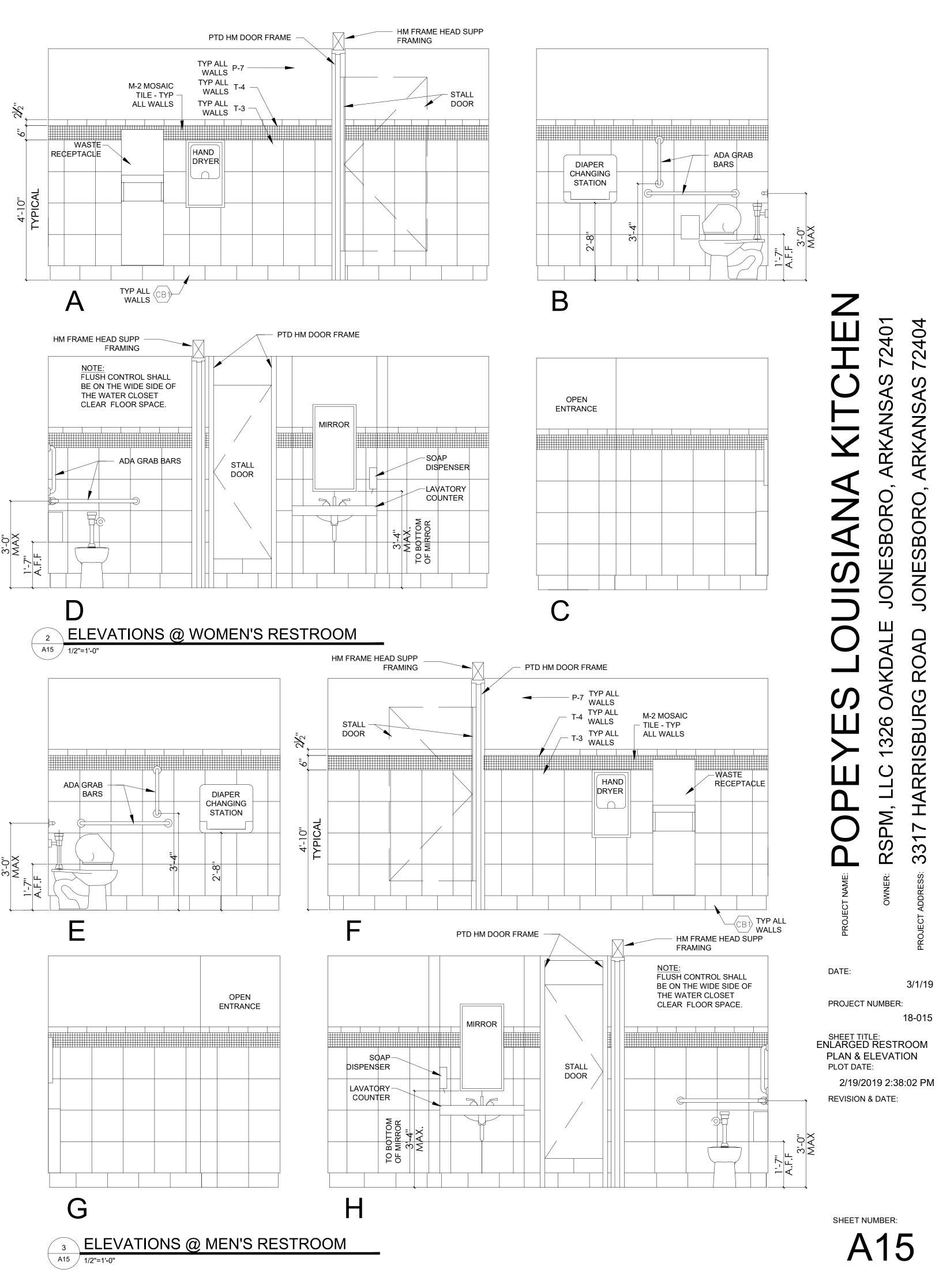
- 1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE. INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE.
- 2. RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15" ABOVE THE FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.
- WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED, THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. THE VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS, AND PLACED 80" ABOVE THE FLOOR OR 6" BELOW CEILING, WHICHEVER IS LOWER.
- 4. DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (i.e. LEVER-OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED NO HIGHER THAN 48" ABOVE THE FLOOR.
- 5. FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. CHANGES IN LEVEL BETWEEN 0.25" AND 0.5" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2". CHANGES IN LEVEL GREATER THAN 0.5" REQUIRE RAMPS. CARPET PILE THICKNESS SHALL BE 0.5" MAX. GRATINGS IN FLOOR SHALL HAVE SPACES NO GREATER THAN 0.5" WIDE IN ONE DIRECTION. DOORWAY THRESHOLDS SHALL NOT EXCEED 0.5" IN HEIGHT.



4 LAVATORY COUNTER SECTION SCALE 1 1/2" = 1' - 0"

ALL DIMENSIONS THIS SHEET ARE FROM **FINISHES**

- 6. GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1.25"-1.50" IN DIAMETER WITH 1.5" CLEAR SPACE BETWEEN THE BAR AND THE
- ACCESSIBLE WATER CLOSETS SHALL BE 17"-19" FROM FLOOR TO THE TOP OF THE SEAT. GRAB BARS SHALL BE 36" LONG MINIMUM WHEN LOCATED BEHIND WATER CLOSET AND 42" MINIMUM WHEN LOCATED ALONG SIDE OF WATER CLOSET, AND SHALL BE MOUNTED 33"-36" ABOVE THE FLOOR.
- ACCESSIBLE URINALS SHALL BE STALL-TYPE OR WALL HUNG WITH ELONGATED RIMS AT A MAXIMUM OF 17" ABOVE THE FLOOR.
- ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34" ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 29" ABOVE THE FLOOR TO THE BOTTOM OF THE APRON.
- 10. ACCESSIBLE SINKS SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34" ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 27" HIGH, 30" WIDE, AND 19" DEEP UNDERNEATH SINK. THE SINK DEPTH SHALL BE 6.5" MAXIMUM.
- 11. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER
- 12. ACCESSIBLE LAVATORIES AND SINKS. ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS (i.e. LEVER-OPERATED, PUSH-TYPE, ELECTRONICALLY CONTROLLED.)
- 13. WHERE MIRRORS ARE PROVIDED IN RESTROOM, AT LEAST ONE SHALL BE PROVIDED WITH THE BOTTOM EDGE OF THE REFLECTIVE SURFACE NO HIGHER THAN 40" ABOVE THE FLOOR.



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JONESBOR

ARRISBURG

33

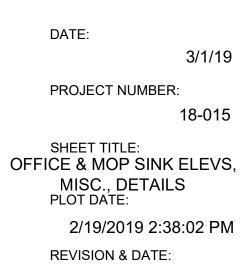
Midland

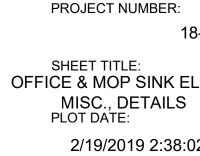
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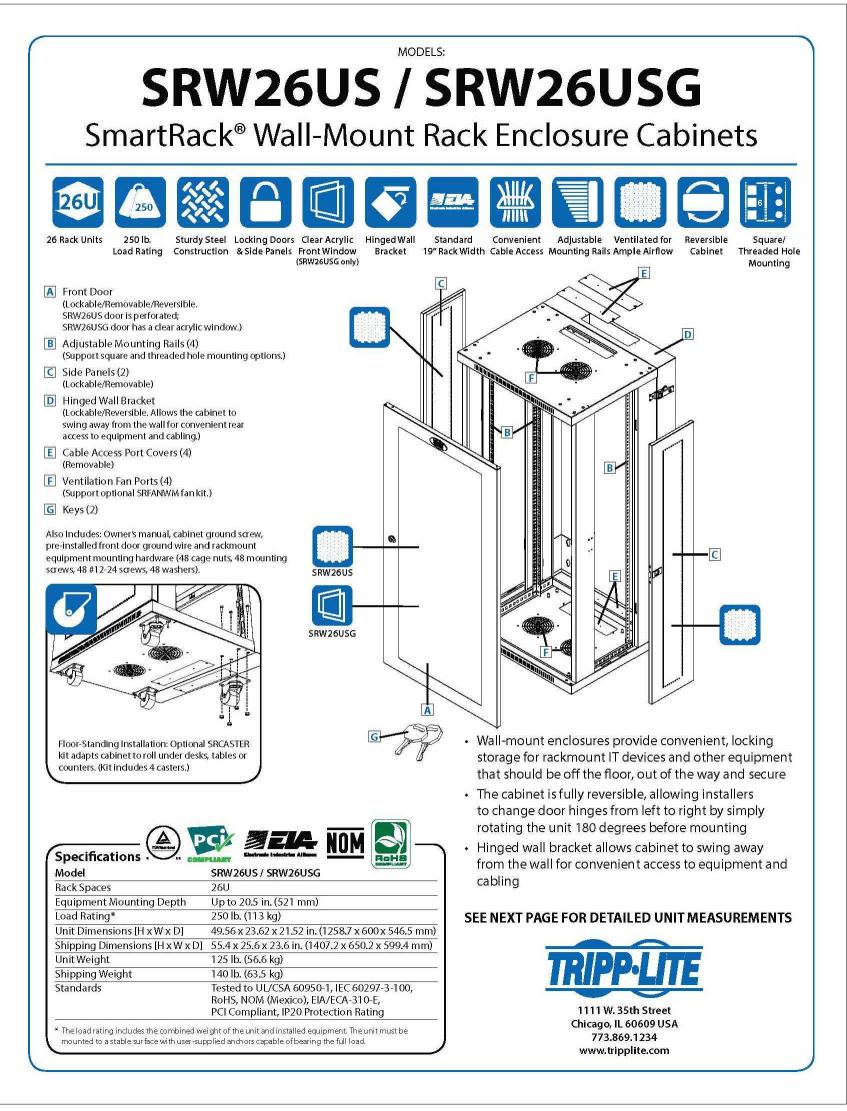
3/1/19

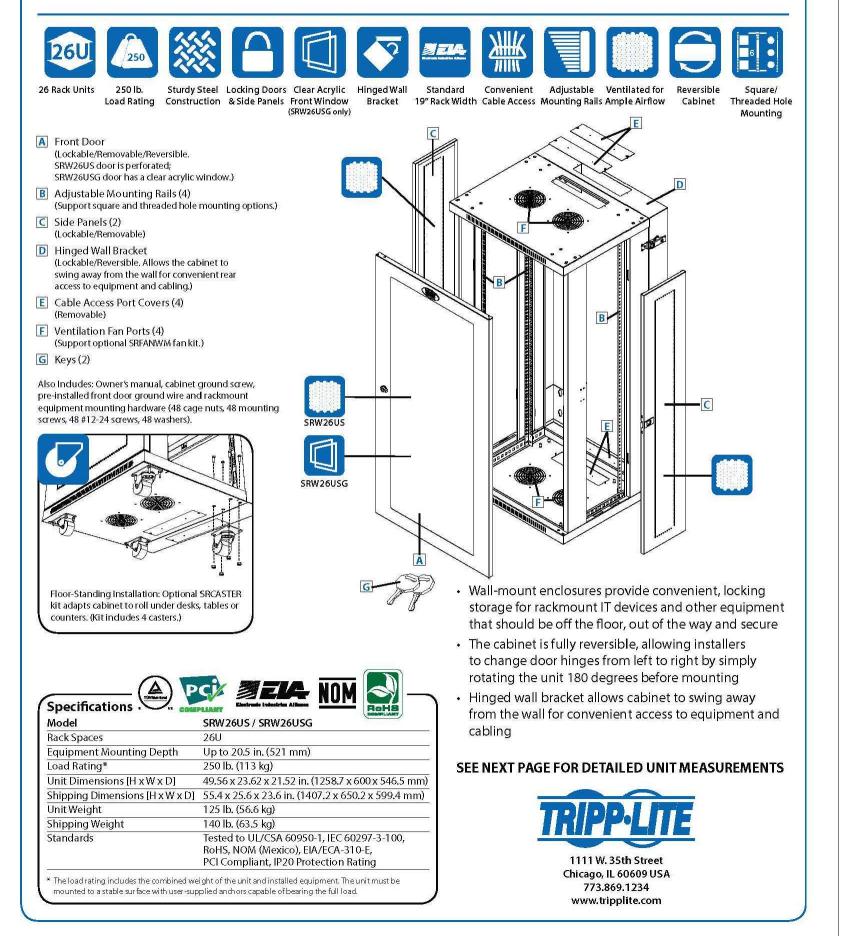
REVISION & DATE:











3'-01/2"

CABINET FINISH:

POST FORMED

COLOR: STUDIO WHITE MATRIX (MR-7-1T TEXTURED)

CALC.

_4 HOFD-∩Ь

BUTTON -

FILE CABINETS ON WHEELED PLATFORM

OR CASTERS

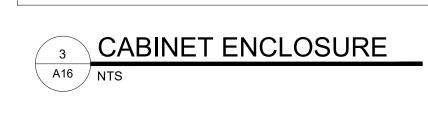
7 ELEVATION @ OFFICE
A16 3/4"=1'-0"

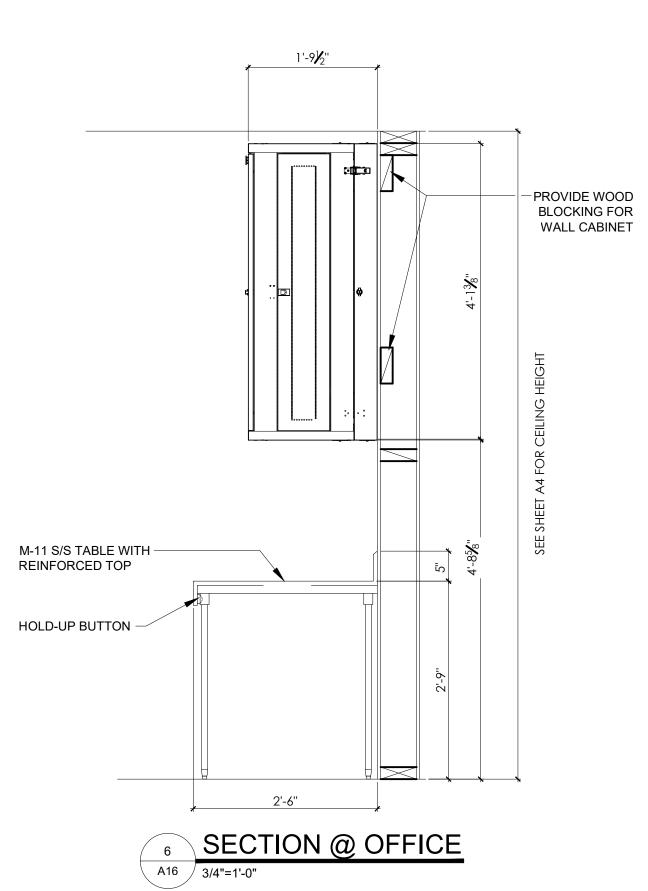
LAMINATE BY NEVAMAR

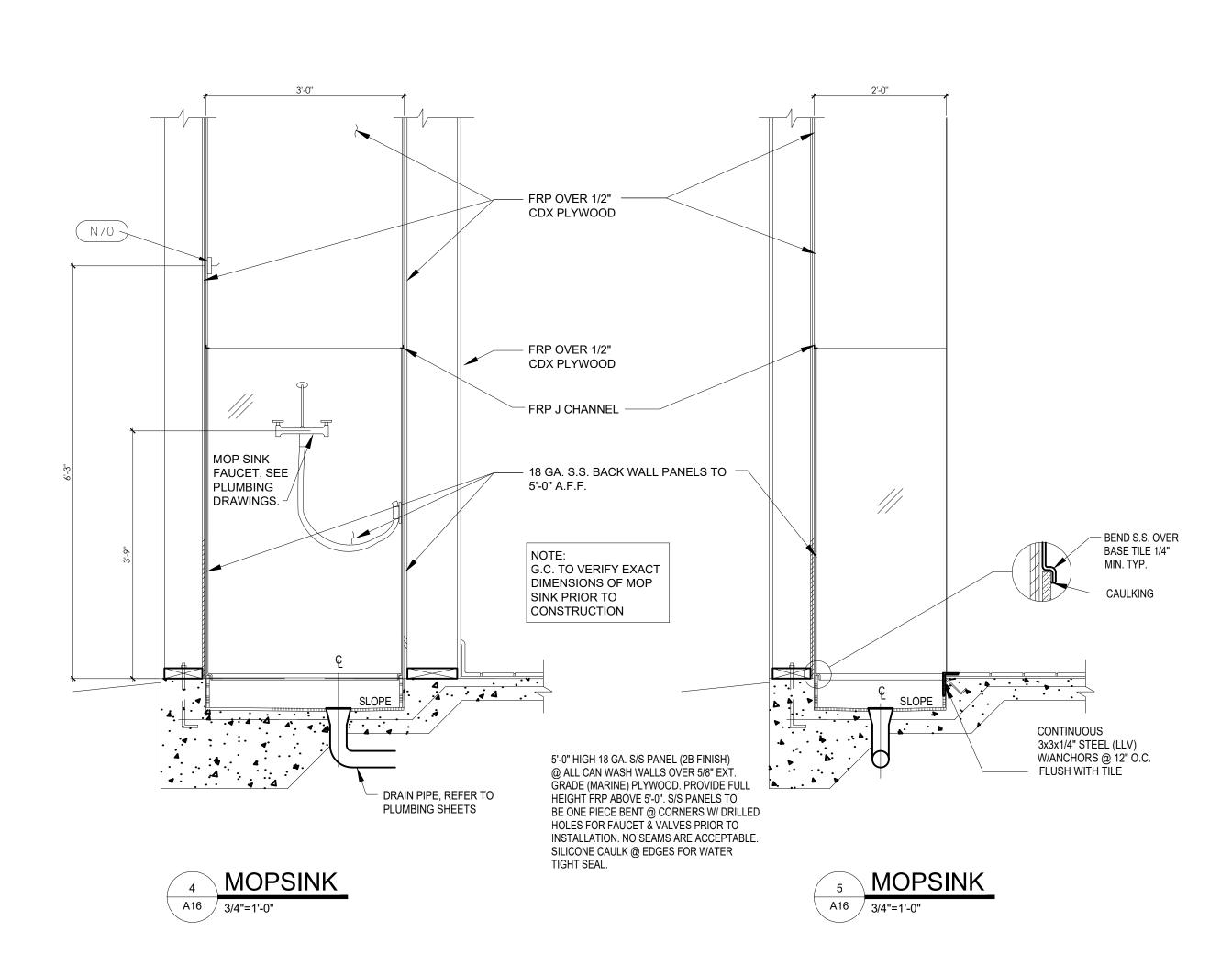
1'-111/2"

ADJUSTABLE S/S LEG

FILE CABINETS BY OWNER







PROTECT SYRUP

BUNDLED SYRUP

WATER LINE

- OPTIONAL

@ EA. TRUSS

(MIN.6'-0")

SYRUP LINES IN ATTIC SPACE

INSTALLATION 1"

WIDE GALV. STRAPS

BOTTOM

SYRUP LINE

INSTALLED)

A16 / 3/4"=1'-0"

BUNDLE (OWNER

FURNISHED, AND

CHORD OF

ROOF TRUSS

LINES & FILTERED

LINES FROM TRUSS ANGLE TOP OF TRIM

1x4 MAPLE RAIL

STAIN

MARLITE WS-1

DETAIL @ CHAIR RAIL

A16 6"=1'-0"

3/1/19

DATE:

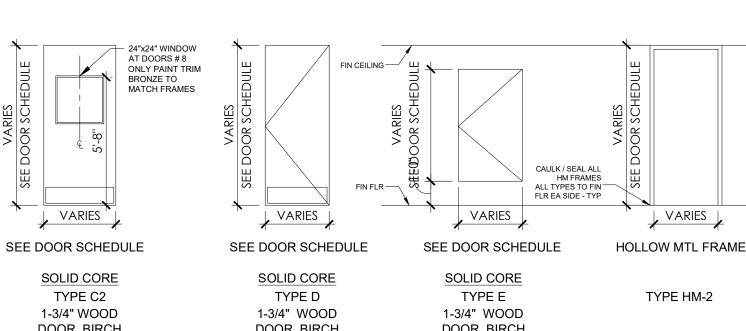
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SHEET NUMBER



NARROW FRAME METAL DOOR SOLID CORE SOLID CORE TYPE A TYPE C1 TYPE C2 STOREFRONT 1 3/4" FLUSH DOOR 1-3/4" WOOD 1-3/4" WOOD DOOR, BIRCH DOOR, BIRCH DOOR, BIRCH DOOR, BIRCH **DOOR ELEVATIONS** QUANTITY DOOR FRAME SIZE 9,10/A17 3'-0" X 7'-0" (PAIR) TYPE A SF-1 9,10/A17 TYPE A 3'-0" X 7'-0" (PAIR) SF-1 13,14/A17 TYPE C1 3'-0" X 6'-8" 9,10/A17 TYPE A SF-1 3'-0" X 7'-0" 9,10/A17 TYPE A 3'-0" X 7'-0" SF-1 TYPE B

TRIM BRONZE TO

11,12/A17

13,14/A17

13,14/A17

13,14/A17 DOORS BY COOLER MANUFACTURER - SEE SHEET A-13

13,14/A17

VARIES

SEE DOOR SCHEDULE

DOOR SCHEDULE

3'-6" X 7'-0"

2'-10" x 6'-0"

2'-10" x 6'-0"

2'-10" x 6'-0"

3'-0" X 6'-8"

2'-10" x 7'-0"

HARDWARE SET NO. 1: (LOCKNET SERIES DOOR PACKAGE)

VARIES

SEE DOOR SCHEDULE SEE DOOR SCHEDULE

DOOR FRAME & HARDWARE INCLUDING VISION PANEL W/ FLAP, CONTINUOUS HINGE, HEAVY DUTY CLOSER AND PANIC HARDWARE ORDERED THROUGH LOCKNET (800) 887-4307

TYPE E

TYPE E

TYPE E

HM-2

- 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)

TEMPERED GLASS

- 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
- 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
- 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

DESCRIPTION

- 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. INSTALLATION KIT (PER LOCKNET)
- 1 EA. CARDBOARD PACKAGING (2 PIECE BOX)

QTY PART# FINISH MODEL

1 EA. DELIVERED ON FULL LENGTH WOODEN PALLET

HARDWARE SET NO. 2: (BY YKK AP AMERICA INC.) DOORS AND FRAMES

QII	Ι ΛΙΧΙ π	INVIOL	IVIODEL	DECORUITION
1	49111DOR	YB5N Y	KK AP #20D	3' x 7' O/P OFFSET PIVOTS, HBR RH
1	92115FTR	YB5N 2	" x 4-1/2"	3' x 7' O/P, FRAME, W/TRANSOM, RH
1	49114DOP	YB5N 2	0D	6' x 7' O/P, OFFSET PIVOTS, HBR PR
1	92118FTP	YB5N 2	" x 4-1/2"	6' x 7' O/P, FRAME, W/TRANSOM, PR
3	P61205	335		SM CLOSER W/BACK CHECK NHO PRES
3	H1104SD	335		PUSH/PULL 1" DIAM. TYPE SC (9" CTC)
3	H7107	YB5N 3	-0	BOTTOM RAIL WEATHERSTRIP
3	SD101	YB5N		10" BOTTOM RAIL UP TO 3'
2	H4204 SD			THUMBTURNS
STOC	K LENGTHS	;		
QTY	PART#	FINISH	LENGTH	DESCRIPTION
11	BE91503	YB5N	24-0	HEAD / JAMB / VERTICAL
3	BE91512	YB5N	24-0	SHALLOW POCKET FILLER
2	BE91506	YB5N	24-0	HORIZONTAL
2	BE91513	YB5N	24-0	4-1/2" SIDELITE BASE
4	E91015	YB5N	24-0	GLASS STOP
2	BE91510	YB5N	24-0	SILL FLASHING
ACCE	SSORIES			
QTY	PART#	LENGTH	PKG	DESCRIPTION
1	E20020		50P/B	SETTING BLOCK
1	E20047		50P/B	WATER DEFLECTOR
1	E20154		50P/B	"W" SIDE BLOCK FOR DEEP POCKET
1	E10168		20P/B	END DAM
2	E20052		500P/B	GLAZING GASKET
2	PC1220		100P/B	#12 x 1-1/4" PHSMS TYPE AB

HARDWARE SET NO. 3

E11015

PC1028

1-1/2 PR. HINGES SELF-CLOSING BEARING HINGES MPS60, 4-1/2" X 4-1/2" US26D 1 EA. LATCHSET SCHLAGE ND SERIES: ND40S X US26D 1 EA. WALL STOP BALDWIN BR7006

50P/B SHEAR BLOCK

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

1 EA. COAT HOOK JACKNOB #400 WITH RUBBER BUMPER

FOLLOWING ITEMS PROVIDED & INSTALLED BY G.C.:

HANDICAP ACCESSIBILITY (ADA) 1 EA. SIGN 1 EA. SIGN REQD: "MEN" "WOMEN" 7" X 2"

HARDWARE SET NO. 4:

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

1 EA. 6"x6" VIEWING WINDOW LCN 1460 ALUMINUM CLOSER 1 EA. CLOSER

HARDWARE SET NO. 5

1-1/2 PR. HINGES McKINNEY BEARING HINGES, 4-1/2" X 4-1/2" US26D 1 EA. KICKPLATE BURNS 8" X 30" X 8" 16GA. US26D 1 EA. LATCHSET SCHLAGE ND SERIES ND91PD X US26D 1 EA. 24"x24" VIEWING WINDOW

NOTES:

1. DOOR AND FRAME SHALL BE FULLY ASSEMBLED AND ALL HARDWARE SHALL BE INSTALLED BY SKILLED CRAFTSMEN AT THE FACTORY AND THE UNIT DELIVERED TO THE JOBSITE READY FOR INSTALLATION. THE DOOR, HARDWARE AND THE HARDWARE INSTALLATION SHALL CARRY A MANUFACTURER'S 14-MONTH WARRANTY W/ 24 HOUR SERVICE. (TOLL FREE NUMBER TO BE DISPLAYED ON

2. H4101 FLUSH BOLT ON INACTIVE LEAF OF PAIR ONLY.

SPECIFICATIONS:

DIVISION 8: DOORS, WINDOWS AND GLASS

SECTION 8B: INTERIOR WOOD CORE DOORS AND FRAMES **GENERAL PROVISIONS**

1. SCOPE: FURNISH AND INSTALL ALL INTERIOR WOOD CORE DOORS AND RELATED ALUMINUM FRAMES. REFER TO NATIONAL ACCOUNT DIRECTORY.

- DOORS ARE WOOD CORE SOLID DOORS. SEE DOOR SCHEDULE FOR SIZE, MATERIAL, HARDWARE, AND FINISH. FRAMES SHALL BE HOLLOW METAL AND FINISHED PER FINISH SCHEDULE.
- 2. SEE HARDWARE SCHEDULE FOR HARDWARE AND MANUFACTURERS.
- 3. SEE SECTION 10A FOR TOILET STALL DOORS WHERE APPLICABLE.

PERFORMANCE

1. INSTALLATION: INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. CAULK AROUND ABUTTING EDGES WITH CLEAR SILICONE.

SECTION 8C: STEEL DOORS AND FRAMES

GENERAL PROVISIONS

1. SCOPE: THE GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, AND APPLICABLE PORTIONS OF DIVISION I OF THE SPECIFICATIONS ARE PART OF THIS SECTION.

FURNISH AND INSTALL ALL STEEL DOORS AND FRAMES, COMPLETE WITH JAMB ANCHORS.

MATERIALS

1. DOORS AND FRAMES BY PIONEER INDUSTRIES, INC., STEELCRAFT, OR CECO.

DOOR FRAMES SHALL BE OF 16 GAUGE COLD ROLLED STEEL. THEY SHALL BE MITERED AND WELDED AT CORNERS. FRAMES SHALL BE FURNISHED FACTORY- PRIMED AND SHALL HAVE THREE (3) "T" TYPE JAMB ANCHORS FOR EACH SIDE OF EACH FRAME. CAULK AROUND ALL ABUTTING EDGES WITH CLEAR SILICONE.

DOORS SHALL BE CONSTRUCTED OF TWO (2) SHEETS OF 18 GAUGE COLD ROLLED STEEL, WITH VERTICAL STIFFENERS NOT OVER 6" APART AND TOP AND BOTTOM EDGES REINFORCED HORIZONTALLY BY STEEL CHANNELS, JOINTS AT EDGES OF DOOR SHALL BE CONTINUOUSLY WELDED. DOORS SHALL BE SOUND DEADENED BY FILLING CORE WITH MINERAL WOOL INSULATION. THEY SHALL BE THOROUGHLY CLEANED OF GREASE AND OTHER IMPURITIES, FILLED FLUSH, AND GIVEN TWO (2) COATS OF BAKED-ON RUST RESISTANT METALLIC PRIMER.

2. SEE HARDWARE SCHEDULE FOR HARDWARE AND MANUFACTURERS.

DOOR & HARDWARE NOTES

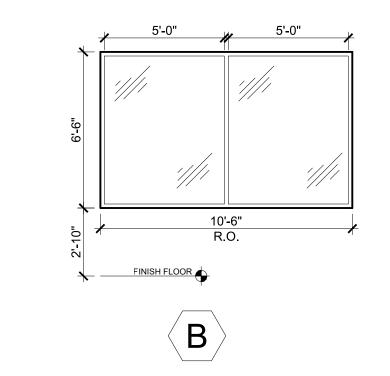
- A. HARDWARE SUPPLIER TO VERIFY STATE/LOCAL HANDICAPPED REQUIREMENTS FOR EXIT HARDWARE.
- B. COMPLETE SUBMITTALS ARE REQUIRED FOR APPROVAL PRIOR TO ANY ORDERING OR WORK.
- C. ALL DOOR HARDWARE MUST HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE.
- D. IF PANIC HARDWARE IS REQUIRED BY CODE, G.C. TO FURNISH AND
- INCLUDE PRICE ON BID. E. SEAL BOTTOM OF WOOD DOORS.

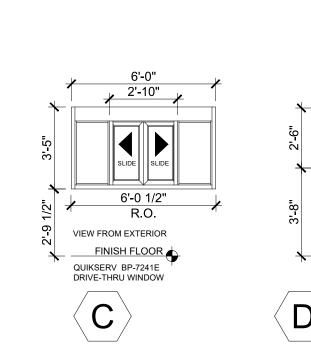
STOREFRONT NOTES:

ALUMINUM STOREFRONT FRAME: BY YKK AP OF AMERICA. SYSTEM=YES 45 TU, 2"x 4 1/2" THERMAL SYSTEM FOR 1" INSULATED LOW "E" GLAZING.

YKKAP 20D

FINISH FLOOR A





DOUBLE

HEADER

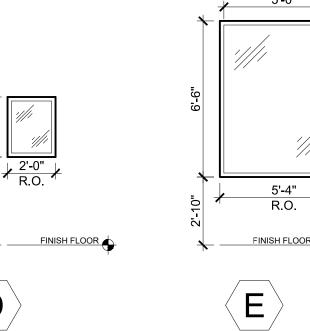
1-1/4" DRYWALL

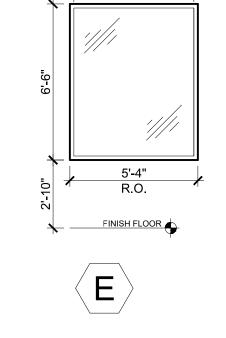
SCREW @ 12" 0.C.

PRIME & PAINT TO

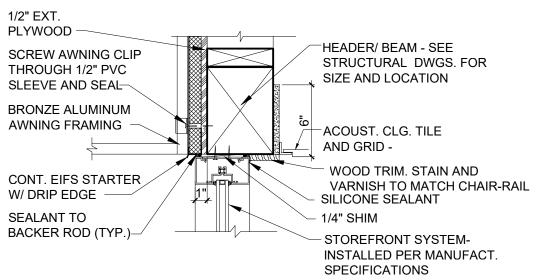
STOREFRONT

SECTION @ INT. HEADER

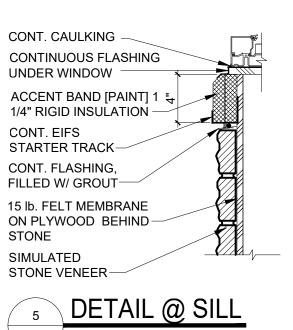


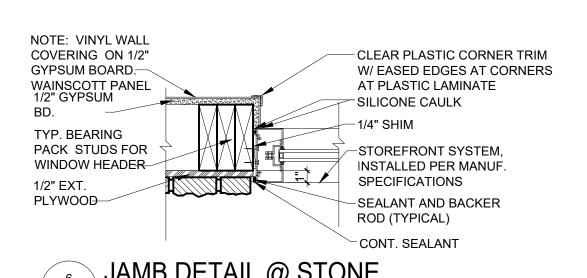






SECTION @ STOREFRONT HEAD





- BLOCKING

COMPONENTS

BACKWRAP AND

SEAL AT ALL

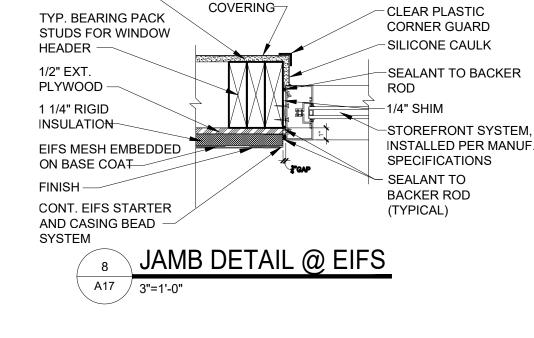
OPENINGS

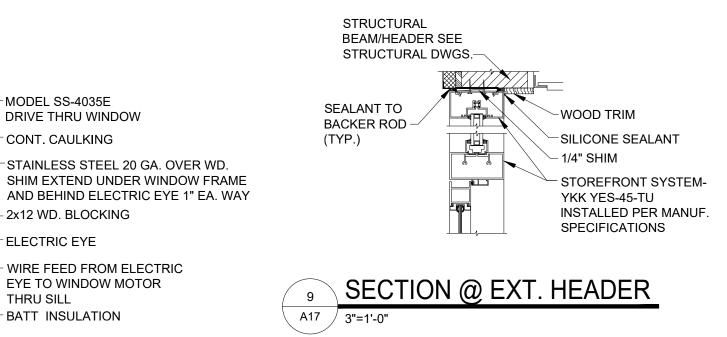
PLYWOOD

#SB-1

SECTION @ EXT. HEADER

SILICONE TO BACKER ROD





DRIVE THRU WINDOW SILL DETAIL A17 / 3"=1'-0"

SHIM AS REQ'D.

STAINLESS STEEL

COVER (LENGTH OF

WINDOW & EDGES-

SILL CAP BENT TO

CONT. SEALANT

- DOUBLE

STUDS

- EIFS SYSTEM

SILICONE TO

COMPONENTS #CB-1-38

- BACKWRAP AND

SEAL AT ALL

OPENINGS

JAMB @ EXT. HEADER

BACKER

ROD

20 GAUGE

MODEL SS-4035E

CONT. CAULKING

DRIVE THRU WINDOW

- 2x12 WD. BLOCKING

BATT INSULATION

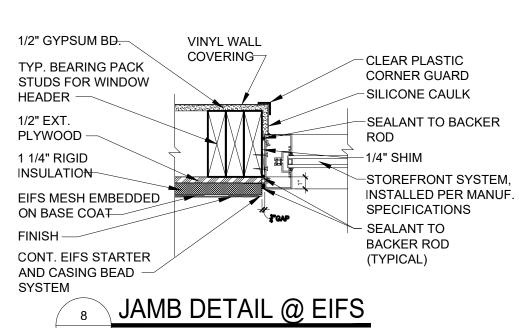
WIRE FEED FROM ELECTRIC

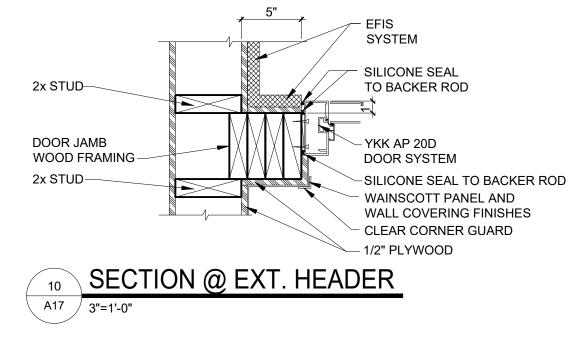
EYE TO WINDOW MOTOR

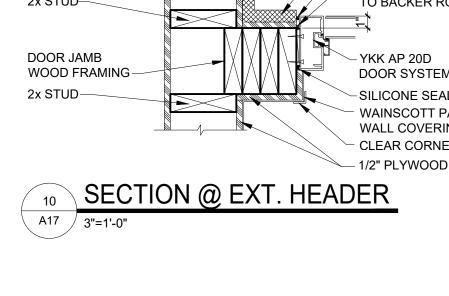
ELECTRIC EYE

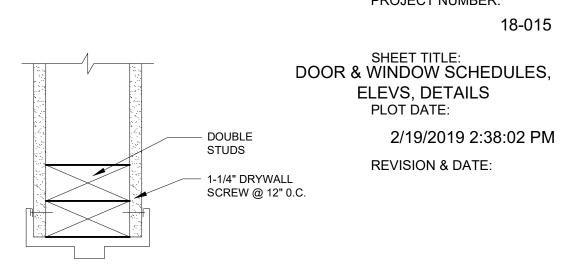
THRU SILL

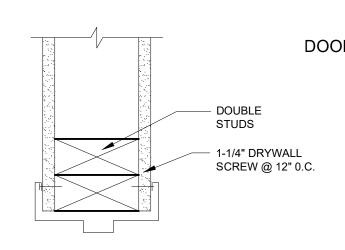
STAINLESS STEEL 20 GA. OVER WD.















PROJECT NUMBER: SHEET TITLE: PLOT DATE: REVISION & DATE:

H-TABLE PLACEMENT 2/19/2019 2:38:02 PM
REVISION & DATE:

SHEET NUMBER:

LK RING AND SPICE WALL SEATING PLACEMENT

_AP-11: CAR SIDING + P

9'-0" Minimum

CENTER LINE OF
JAR WALL, BENCH SEAT,
AND LK RING

NOTE: FURNITURE
INSTALLER TO FIELD
VERIFY PRIOR TO
INSTALLATION.

CENTER LINE OF -JAR WALL

-FLAT SCREEN TELEVISION

15'-1 3/4"

46 SEAT TOTAL 2144 SQ. FT.

Midland 3/1/19

9

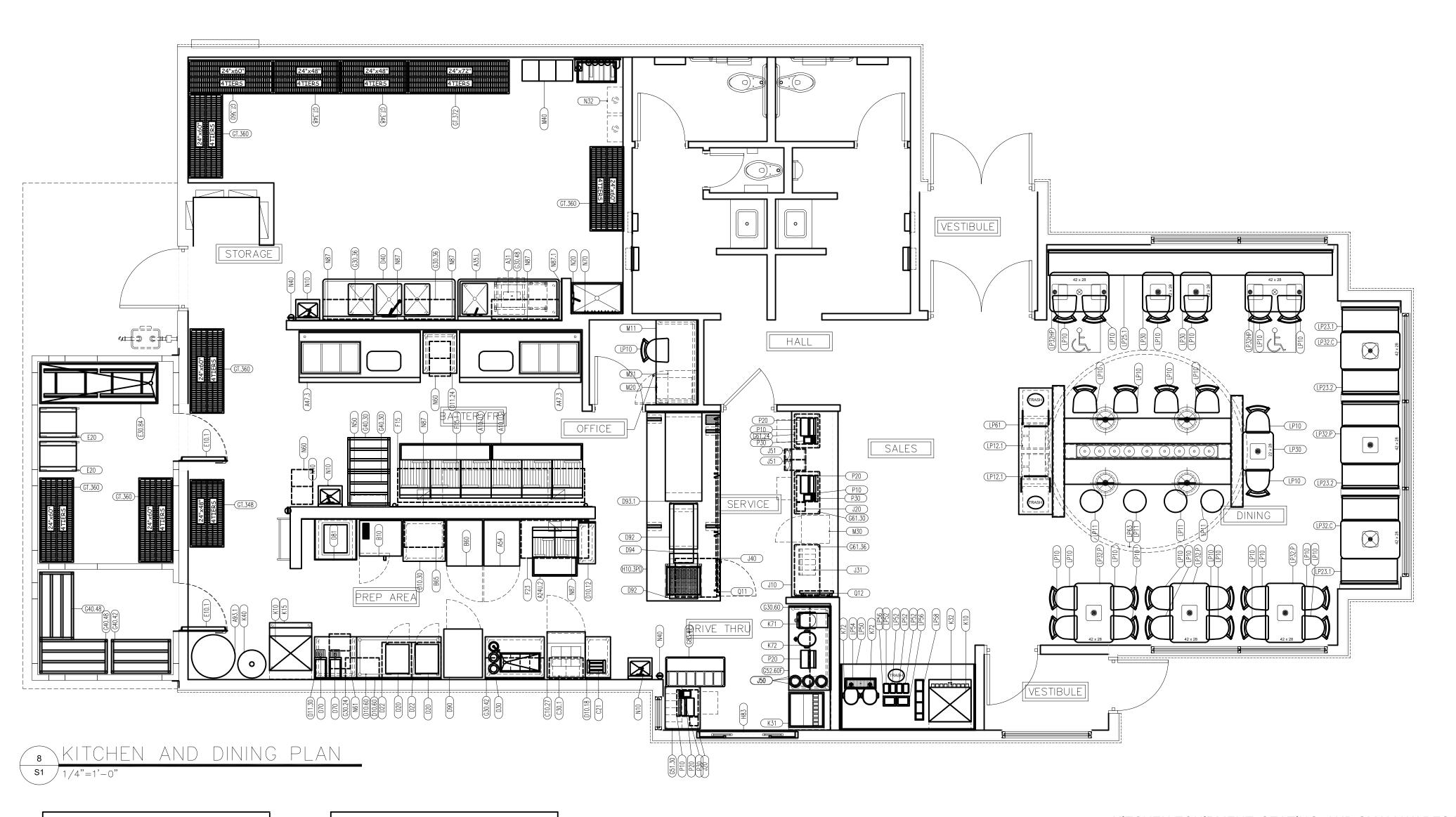
Ö

Architectur

Odom

DATE:

26



NOTES

SYMBOL

TEXT EQUIPMENT No.

1. IT IS THE 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.

SEATS: GROUPS: RATIO: 3.5 BUILDING SQUARE FOOTAGE KITCHEN (NET): DINING/RESTROOM (NET): 1,064 TOTAL (NET): TOTAL (GROSS): 2,311

WALK-IN SQUARE FOOTAGE

WALK-IN (NET):

NOTES:

1. FLOOR MATS SHOULD BE PLACED IN THE THE AREAS DESCRIBED BELOW: ENTRY WAY MATS: 3M NOMAD, AVAILABLE SIZES 3'x5' OR 4'x6' KITCHEN FLOOR MATS: MATRIX 'GRIP ROCK'

LOCATIONS: -INSIDE WALK-IN COOLER $(3'-0" \times 5'-6")$ -OUTSIDE THE WALK-IN COOLER $(3'-0" \times 4'-0")$ -ICE MACHINE $(3'-0" \times 4'-0")$

-3 COMPARTMENT SINK $(3'-0" \times 7'-6")$ -CONDIMENT COUNTER $(3'-0" \times 8'-10")$ 2. EQUIPMENT SUBSTITUTIONS REQUIRE POPEYÉS PRE-APPROVAL SUBMIT CUT SHEETS TO POPEYE'S DEPARTMENT

INTERIOR SIGN PACKAGE— BY G.C.

AREA	SIGN NAME	QTY	MOUNTING LOCATION	COMMNENTS				
FRONT OF	HOURS OF OPERATION	2	CUSTOMER ENTRANCE DOORS, 48" AFF	MOUNT ON WINDOW NEXT TO DOOR, IF POSSIBLE				
HOUSE	DOOR TRAFFIC FLOW SIGNS							
	IN	2	CUSTOMER ENTRANCE DOORS, 48" AFF	MOUNT DIRECTLY ABOVE PUSH BAR OF ENTRANCE DOORS				
	OUT		CUSTOMER ENTRANCE DOORS, 48" AFF	MOUNT DIRECTLY ABOVE PUSH BAR OF ENTRANCE DOORS				
	LOBBY FLOW SIGN	2	SITS ON TOP OF SERVICE	3 SIDED SIGN, "ORDER HERE", "PAY HERE", "NEXT REGISTER"				
	QUEUEING LINE FLOW SIGN	1	TOP OF QUEQUINGTEINE POLE	2 SIDED SIGN, "ENTER HERE", "PLEASE COME AGAIN"				
	RESTROOM SIGNS		LATCH-SIDE WALL, MTD. C 60" A.F.F.	HANDICAPPED				
	"HANDICAP WOMEN"	1	EXTERIOR OF WOMEN'S RESTROOM DOOR, 60" AFF	MOUNT TO CENTER LINE OF SIGN				
	"HANDICAP MEN"	1	EXTERIOR OF MEN'S RESTROOM DOOR, 60" AFF	MOUNT TO CENTER LINE OF SIGN				
	"RESTROOMS"	1	VISIBLE TO CUSTOMERS IN DINING AREA, 60" AFF	MOUNT TO CENTER LINE OF SIGN				
	"EMPLOYEES MUST WASH HANDS"	2	INTERIOR OF BOTH RESTROOMS DOOR, 60" AFF					
	"NO SMOKING"		DINING ROOM					
	"EMPLOYEES ONLY"		ENTRANCE BETWEEN KITCHEN AND DINING ROOM					
	TEA URN SIGNS							
	"UNSWEETENED TEA"		HANGS ON DISPENSER	2 SIDED SIGN				
	"SWEETENED TEA"	1	HANGS ON DISPENSER	2 SIDED SIGN				
	"WATER"		HANGS ON DISPENSER	2 SIDED SIGN				
BACK OF	BIN DECALS							
HOUSE	"FLOUR"	1	PLACE ON FLOUR BIN	STICKER APPLICATION				
	"RICE"	1	PLACE ON RICE BIN	STICKER APPLICATION				
	"FILTER"	1	PLACE ON FILTER POWDER BIN	STICKER APPLICATION				
	3 COMPARTMENT SINK DECALS							
	"WASH"	1	PLACE ON BACK SPLASH OVER APPROPRIATE SINK	STICKER APPLICATION				
	"RINSE"	1	PLACE ON BACK SPLASH OVER APPROPRIATE SINK	STICKER APPLICATION				
	"FILTER"	1	PLACE ON BACK SPLASH OVER APPROPRIATE SINK	STICKER APPLICATION				
	"HOT! USE CAUTION"	6	MICROWAVE WINDOW, OVEN, PRODUCT DISPLAY AREAS	STICKER APPLICATION				
	"MUST BE 18"	4	FRYER, FILTER, MARINATOR, (IF APPLICABLE)					
	FRYER LABELS (1,2,3,4,5,6)	1	PLACE ON APPROPRIATE FRYER	STICKER APPLICATION				
SECURITY	"STOP! ALL VENDORS MUST"	1	EXTERIOR OF BACK DOOR, 60" AFF					
SIGNS	"WARNING! ONLY MANAGERS"	1	EXTERIOR OF BACK DOOR, 48" AFF					
	"MANAGERSACCESS TO SAFE"	1	EXTERIOR OF BACK DOOR, 48" AFF					
	"CHEMICAL STORAGE ONLY"	1	ON OR OVER AREA TO STORE CHEMICALS	MOUNT TO SHELVING UNIT OR WALL				
OTHER	HANDICAP PARKING SIGN	2	DESIGNATED PARKING SPOT(S) 84" TO BOT. OF SIGN					

KITCHEN EQUIPMENT, SEATING, AND SMALLWARES PACKAGE A. TRIMARK (EQUIPMENT, SEATING, & SMALLWARES) CONTACT: BOB PODNER; PHONE: (972) 516-1421; BPODNER@TRIMARKUSA.COM

- B. WASSERSTROM & SONS INC. (EQUIPMENT & SEATING) CONTACT: JOE BUSH; PHONE: (614) 737-8534; JOEBUSH@WASSERSTROM.COM
- C. WASSERSTROM & SONS INC. (SMALLWARES) CONTACT: JEFF RAUPPLE; PHONE: (614) 737-8381; JEFFRAUPPLE@WASSERSTROM.COM
- D. HOCKENBERGS (EQUIPMENT, SEATING, & SMALLWARES) CONTACT: TED MANOS; PHONE: (770) 594-2626 X 4123; TEDM@HOCKENBERGS.COM
- E. H & K INTERNATIONAL (EQUIPMENT, SEATING, & SMALLWARES) CONTACT: MAT CHAKAMOI; PHONE:(214) 789-9944; MAT.CHAKAMOI@HKI.COM
- F. CONCEPT SERVICES (EQUIPMENT, SEATING, & SMALLWARES) CONTACT: ERIC SMITH PHONE: (512) 343-3100/CELL (512) 573-2192; ERICSMITH@CONCEPTSERV.COM

SEATING PACKAGE A. SEATING CONCEPTS

CONTACT: JEFF ALLISON; DIRECT (800)-421-2036 CELL (417) 793-9465; JALLISON@SEATING-CONCEPTS.COM KERRY STUDER; PHONE: (815)-730-7980 EXT2223; KSTUDER @SEATING-CONCEPTS.COM

- B. MSW RESTAURANT FURNISHINGS CONTACT: ADAM MURRAY; DIRECT (417) 673-1901 X1040/CELL (417) 388-1616; ADAM@MSWINC.COM
- C. CASABLANCA DESIGN GROUP CONTACT: MARK WIRZ; DIRECT (770) 423-9575 CELL (770) 778-1426; MARK.WIRZ@CDG.US.COM
- D. JBI INTERIORS CONTACT: ANDY BRADDY; PHONE (770) 329-6805 ABRADDY@JBI-INTERIORS.COM

SPECIFICATIONS

DIVISION 11: EQUIPMENT

GENERAL PROVISIONS

- 1. SCOPE: COORDINATE WITH THE INSTALLATION OF ALL EQUIPMENT ITEMS SHOWN ON PLANS AND SCHEDULED IN EQUIPMENT SCHEDULE (EXCEPT AS NOTED AS INSTALLED BY KITCHEN CONTRACTOR) WHICH ARE FURNISHED BY THE OWNER OR UNDER SEPARATE CONTRACT. EQUIPMENT SCHEDULE LISTS TRADES RESPONSIBLE FOR FURNISHING, INSTALLING AND FINAL CONNECTION.
- SUBMISSIONS: PROVIDE THE OWNER, AT THE COMPLETION OF THIS CONTRACT, WITH AN "OWNER'S MANUAL" SO LABELED. THE MANUAL SHALL CONSIST OF A THREE-RING LOOSE-LEAF BINDER CONTAINING ALL PRINTED MATTER SUCH AS: GUARANTEE CARDS, CLEANING INSTRUCTIONS, NOTICES TO OWNER, OPERATING MANUALS, SERVICE AGENTS AND MAINTENANCE INSTRUCTIONS THAT MAY BE CONTAINED IN THE SHIPPING CARTON OF EQUIPMENT AND SPECIALITIES.
- DELIVERY AND STORAGE: RECEIVE, UNLOAD, AND SAFEGUARD THE EQUIPMENT. COORDINATE SHIPPING TIME WITH OWNER.
- PROTECTION AND CLEANING: SURFACES SHALL BE CLEANED BEFORE FINAL INSPECTION.

MATERIALS

SEE EQUIPMENT SCHEDULE

PERFORMANCE

INSTALL EQUIPMENT ACCORDING TO NFPA 96 AND MANUFACTURER'S INSTRUCTIONS, PROVIEDE FACTORY AUTHORIZED START & ADJUSTMENT.

KOLPAK REFRIGERATION

INTERIOR FINISH: 26 GAUGE EMBOSSED GALVALUME EXTERIOR FINISH: 26 GAUGE EMBOSSED GALVALUME INTERIOR FLOORS: ERA .100 SMOOTH ALUMINUM INSULATION: 4" 100% FOAMED IN PLACE POLYURETHANE THERMOMETER: 2" DIAL THERMOMETER SCREEDS: METAL FOR OUTDOOR MODELS

OUTDOOR PACKAGE REQUIREMENTS: OUTDOOR UNITS REQUIRE THE OUTDOOR PACKAGE FOR REFRIDGERATION AND ROOF SEALING SYSTEM. OUTDOOR UNITS REQUIRE A FIELD SUPPLIED AMD FIELD INSTALLED CONDENSATE DRAINLINE (INCLUDING HEAT TAPE ON FREEZER DRAINS).

OUTDOOR APPLICATIONS ARE DETERMINED BY THE LOCAL AND REGULATORY REQUIREMENTS FOR THAT AREA. OUTDOOR KOLPAK FOR HIGH WIND AREAS SHALL REFER TO MIAMI DADE COUNTY NOA NO 17-1106.07

DIVISION 12: FURNISHINGS

GENERAL PROVISIONS

- SCOPE: COORDINATE INSTALLATION OF ARTWORK, SEATING, FREE-STANDING CABINETS AND SHELVING, WINDOW TREATMENT, FLOOR MATS, AND ACCESSORIES WHICH ARE FURNISHED UNDER SEPARATE CONTRACT TO THE OWNER. IF REQUESTED THROUGH THE CONTRACT, INSTALL DECOR, SEATING, FREE-STANDING CABINETS AND SHELVING, WINDOW TREATMENT, FLOOR MATS AND/OR ACCESSORIES.
- NOTES: DETAILS AND MATERIALS SHOWN ON THE APPROVED DECOR DRAWINGS CONFLICTING WITH THE STANDARD PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY PRIOR TO COMMENCEMENT OF THE INSTALLATION. VERIFICATION OF ADA COMPLIANCE WILL BE NECESSARY.
- DELIVERY AND STORAGE: RECEIVE AND SAFEGUARD OWNER SUPPLIED ITEMS ON THE JOB SITE IF REQUESTED.

PERFORMANCE

INSTALLATION: PREPARE SURFACES TO RECEIVE THESE MATERIALS AND COOPERATE WITH THE INSTALLATION OF DECOR MATERIALS AS SHOWN ON THE DECOR DRAWINGS.

OUISIANA KITCHEN

PLOT DATE:

2/19/2019 2:38:02 PM REVISION & DATE:

NUMBER:
2/2a

Y. TAG	DESCRIPTION	MANUFACTURER	MODEL	FURNISH	I/INSTALL		ELECTRIC	AL			WATER		WASTE		GAS	REMARKS
				NISHED	TALLED			<u>S</u>	S	FILTERED			DIRECT		HŊ	
				FURNISH BY	INST, BY FL-o	×	윺	VOLTS	PHASE DIRECT PLUG		COLD	HOT	DIRECT	SIZE	MBTUH	
Α	Fryer															
	Fryer Battery, 3—20", Gas	Ultrafryer Systems	B-P20-20-3-UCP-U23		8.50		1/4	120	1 X					0.75		
	Fryer Battery, 2—14", Gas	Ultrafryer Systems	B-P30-14-2-UCP-U25P		12.0		1/4	120	1 X					1.00	180.00	
	Marinator — (reduced height)	AryKing	M101-110		5.0			115	1 X		0.50	0.50	1.50			
	Sink, 1 Compartment, Left Hand Drain Board, 52"	Kitchen Equip. Supplier	Custom		0.7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		115	1 V		0.50	0.50	1.50			
A47.3 A54	Ice Batter/Sifter Table, 3 Pans, 86 1/4" Long	Kitchen Equip. Supplier Delfield	Custom GBSF1-S		2.3 9.00	0.3	1/2	115	1				0.50			
493.1	Freezer, Upright Grease Collection System, Interior Unit	By Owner	GDSFI-S		10.0	1.2	1/2	115	1						U	Verirfy Utilities with supplier
B	Baking	Dy Owner			10.0	1.2		110								veriffy offittes with supplier
310	Oven, 1/2 Size, Double Deck Convection, Elec.	Blodgett	2-CTB		(2)24	(2)6		208	3 X						0	
	Refrigerator, Upright	Delfield	GBSR1-S		12.0		1/3	115	1 X						0	
	Biscuit Holding Unit (Option)	Kitchen Equip. Supplier	Custom		4.5	1.44	,	120	1 X						0	
С	Sandwich															
	Refrigerator, Sandwich Unit	Delfield	4427-6		6.5		1/5	115	1 X						0	
	Toaster, Vertical Contact	Roundup	VCT-2		15.00	1.80		120	1 X						0	
30.1	Wall Mounted Shelf, Holding Unit, Wrap	Kitchen Equip. Supplier	CUSTOM												0	
)	Prep	1211 1 5									Ţ					
	Work Table, w/ 4" backsplash w/ u/s	Kitchen Equip. Supplier	Custom												0	
	Work Table, w/ 4" backsplash w/ u/s	Kitchen Equip. Supplier	Custom												0	
	Work Table, w/ 4" backsplash w/ u/s	Kitchen Equip. Supplier	Custom												<u> </u>	
	Work Table, w/ 4" backsplash w/ u/s Work Table, w/ 4" backsplash w/o u/s	Kitchen Equip. Supplier Kitchen Equip. Supplier	Custom												<u> </u>	
	Work Table, w/ 4" backsplash w/o u/s	Kitchen Equip. Supplier	Custom												0	
20	Microwave Oven	Panasonic	NE-17523		14.3	1.7		208	1 V							
22	Shelf, Microwave Oven	Kitchen Equip. Supplier	MOS-2126 Custom		14.5	1./		200							0	
	Packing Station w/Cup Dispenser & Dipper Well	Kitchen Equip. Supplier	CUSTOM		6.0	1.24		208	1 X		0.50		2.00			
40	Sink, 3 Compartment, 94" Long, 18" DB, R & L	Universal Stainless	3N1824-2D18		0.0	1, 2		200	1 //				2.00		0	
	Dispenser, Hot Water w/Wall Bracket	Bunn-O-Matic	H5E ELEMENT SST		19.50	4.50		208	1 X		0.25	0.00			0	
81	Chubb Warmer, Elec. Rethermalizer	Ultrafryer Systems	REO-1620		47.6	9.5		208	1 X		0.25		1.50		0	
	Holding Cabinet, Reach—In	Winston	HA-4522POP		17.6	2.11		120	1 X						0	
92	Side Items Holding Unit, Pass—Thru	Prince Castle	DHB-P1A		13.87	3.33		208	1.00 X							
93.1	Chicken Holding Unit	Prince Castle	DHB2PT-60P		28	3.68		120/20	08 3.00 X							Verify Utilities
94	Dedicated Holding Unit, 12 Pans(4x3H)	Prince Castle	DHB3PT-41		23.7	5.7		208	1.00 X							
E	Walk-In															
	Walk-In Cooler	Kolpak	Custom					208	3 X						0	Verify Dimension & Utilities with K.E.S.
10.2	Walk-In Freezer	Kolpak	Custom					208	3 X						0	Verify Dimension & Utilities with K.E.S.
	Rack, Bus Pan	Kelmax	APR 1818-3/65ED												0	
30.84 -	Chicken Crate Vat, 84 1/2" Long	Kitchen Equip. Supplier	CCV-84												0	
<u>.</u> 15	Ventilation Exhaust Hood, Back Shelf, 6—20" Fryers	Captiva Aira	2812BLL					115	1 V							2 Fy 7/4 LID 035 CFM
	Heated, Holding Unit, Wall mount	Captive—Aire Kitchen Equip Supplier	Custom (PC-HPL52-26)		18.8	3.9		115 208	1 X						0	2 Ex 3/4 HP 935 CFM
	Exhaust Hood, Back Shelf, 2—14" Fryers	Kitchen Equip. Supplier Captive Aire	2812BLL		10.0	J.J	1/3	115	1 X						<u> </u>	Exhaust 1/3 HP, 676 CFM @ 0.75" S.P.
<u></u>	Shelving	Oaptivo /IIIO	2012DLL				'/ \		/\							
	Storage Shelving, 4Tier, 24" Wide, 48" Long	Intermetro	2-MQ2448G/2-MHP2448G-MX76	6P												
	Storage Shelving, 4Tier, 24" Wide, 60" Long	Intermetro	2-MQ2460G/2-MHP2460G-MX76													
	Storage Shelving, 4Tier, 24" Wide, 72" Long	Intermetro	2-MQ2472G/2-MHP2472G-MX76													
	Shelving, 2 Tier Wall Mounted, 24" Long	Intermetro	Metroseal												0	
	Shelving, 2 Tier Wall Mounted, 36" Long	Intermetro	Metroseal												0	
	Shelving, 2 Tier Wall Mounted, 42" Long	Intermetro	Metroseal												0	
	Shelving, 2 Tier Wall Mounted, 48" Long	Intermetro	Metroseal												0	
	Shelving, 2 Tier Wall Mounted, 60" Long	Intermetro	Metroseal												0	
	Dunnage Rack, 24" Wide x 30" Long	Kelmax	Channel												0	
	Dunnage Rack, 24" Wide x 42" Long	Kelmax	Channel												0	
	Dunnage Rack, 24" Wide x 48" Long	Kelmax	Channel												0	
	Drive-Thru Station, 24"x30"	Intermetro	Erecta												0	
	Drive—Thru Drink Station, Free Standing Machine	Kitchen Equip. Supplier	Custom													
	Shelving, 2 Tier, Undercounter w/ 34" Posts, 18"x24" Shelving, 2 Tier, Undercounter w/ 34" Posts, 18"x30"	Intermetro	Super Erecta												10	
	Shelving, 2 Tier, Undercounter w/ 34" Posts, 18"x30" Shelving, 2 Tier, Undercounter w/ 34" Posts, 18"x36"	Intermetro	Super Erecta												<u> </u>	
	Shelving, 2 Tier, Undercounter w/ 34" Posts, 18"x36" Drive-Thru Expedite Station, 21"x42 w/6 1/4 Size Page	Intermetro	Super Erecta												<u> </u>	1-21/2RR 1-3/D/ Contara w/Draka
83.42	Drive-Thru Expedite Station, 21"x42 w/6 1/4 Size Pans	Intermetro	Erecta												<u>l</u> U	4-2142BR, 4-34P,4-Casters w/Brake
N ZDN	Production Counter Dual Line 52 1/1" v 131" (Drines Castle)	Kitchen Fauin Sunnlier	Custom		1110	7 5		120 /20	na Iz da I		050		2 nn			Verify Dimension & Utilities with K.E.S.
10.3PD 0.7	Production Counter, Dual Line, 52 1/4" x 134" (Prince-Castle)	niterieri Equip. Supplier	CUSTOM DD 7041F		14.0	10.0		120/20	08 3.000		0.50		<u> </u>		U	verify differsion & duffiles with N.E.S.

15.0

120

BP-7241E

Quikserv

Window-Wide open, Drive-Thru, Automatic

OUISIANA KITCHEN

Midland

PLOT DATE:

PLOT DATE:	
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Y. TAG	DESCRIPTION	MANUFACTURER	MODEL FU	URNISI	SH/INSTALL	1	El	LECTRI	CAL	<u> </u>			WATER	T	WAS	STE	G	AS	REMARKS
				FURNISHED BY	INSTALLED BY	FL-amps	Κ	 - 노	VOLTS	PHASE	DIRECT	FILTERED	COLD	НОТ	DIRECT	INDIRECT	SIZE	MBTUH	
J	Front Service																		
J10	Front Service Counter	Seating Vendor	Custom															0	
J20	Cash Controller	NKL Industries	W-101															0	
J31	Suspended Condiment Holder	Cambro	#12R12															0	
J40	Refrigerator, Undercounter	Silver King	SK-SR		4.	.9		1/6	120	1	X							0	
J50	Dispenser, Cup	San Jamar	2410C															0	
J51 K	Cup Dispenser Bracket, 2 San Jamar 2410C Dispensers each Drinks	Kitchen Equip. Supplier	Custom																
(10	Ice Cuber w/ Remote Condenser	Manitowoc	IY-996N/JC-0995		11	1.9	6.7	1 1 /	2 208-2	30 1	Χ		.375			0.5			Remote Condenser Model JC-0895
<15	Ice Bin, 570 lbs	Manitowoc	B-570			1,0	0.7	' '/'	200 2		/					0.75		0	Thermote contaction means to cool
(20	Water Filter, Equipment	Everpure	9437-10										0.75					0	
<31	Soda Dispenser, 8 Heads, Fast Flow Valves w/ Stand	Lancer	ICD2308 w/Stand		1.	.5			115	1	X		.375			0.75		0	
(32	Soda Dispenser, 8 Heads, Counter w/ Ice Bin, Adapter Plate	Lancer	IBD4500			.0			115	1	X		.375			0.75		0	
(40	CO2 Tank, Bulk	Airgas	Carbo-Mizer 450															0	
(71	Brewer, Tea & Coffee	Bunn-0-Matic	ITCB		14	4.0	1.7		120	1	X		0					0	
(72	Tea Dispenser, Urn, Solid Lid	Bunn-0-Matic	TDO-4 (34100.0000)															0	
	Bag-N-Box Rack /w 2 Carbonators on Shelves (Legacy)	McCann's	2-IC44239 15-2902(28x16x74)		7.	.2		1/3	115	1	X							0	
L	Dining	I					<u> </u>	/	1			1	1	<u> </u>			1	1	
P10	Chair, Dining	Seating Vendor	Custom															0	
	Bar Stool, Dining	Seating Vendor	Custom															0	
P23.1	Booth, Single	Seating Vendor	Custom															0	
	Booth, Double	Seating Vendor	Custom															0	
	Settee	Seating Vendor	Custom															0	
	Table Top 22" x 28" x 30" H, Core Drilled	Seating Vendor	Custom															0	
	Table Top 42" x 28" x 30" H, Core Drilled	Seating Vendor	Custom															0	
	Table Top 42" x 28" x 30" H, Core Drilled	Seating Vendor	Custom															0	
P32HP	Handicap, Table Top 42" x 28" x 30" H, Core Drilled	Seating Vendor	Custom															0	
	Self-Serve Beverage Counter	Seating Vendor	Custom															0	
P52	Condiment Holder, 1/9 Size Pans	Continental Carlisle	1/9th Pan																
P54	Stainless Steel Drip Pan	Kitchen Equip. Supplier	Custom																
	Dispenser, Napkin, Drop-in	San Jamar	H2001CLSS															0	
² 58	Lid & Straw Holder	Seating Vendor	Custom																
P61	Trash Receptacle Station w/ Highchairs Storage	Seating Vendor	Custom																
P62	Counter Top Seating Arrangement w/ Spice Wall	Seating Vendor	Custom																
	Overhead Hung, Louisiana Kitchen Ring, 12' Dia. (over seating)	<u> </u>	Custom																
М	Office					l	I										1	1	
<u>/</u> /11	Work Table, w/ 4" backsplash w/o u/s, 30" Height	Kitchen Equip. Supplier	Custom						120	1)	X							0	
120	Filling Cabinet, 2 Drawer	Hon	532																
121	SmartRack Wall-Mount Rack Enclosure Cabinets	Tripp-Lite	SRW26US																
30	Safe	NKL Industries	BSD 292020 ABAX		5.	.0	0.6		115	1)	Χ							0	
40	Lockers, w/6 High unit	Kelmax	EL Series															0	Check Equipment Plan for Actual Compartmer
١	Miscellaneous																		
10	Hand Sink, w/ Hand Free Lever	Advanced Tabco	7-PS-50										0.50	0.50	1.50			0	
20	Mop Sink	General Contractor	Custom												3.00			0	
32	Rinnai Tankless water heater	Rinnai	CU199i G.C	<u> </u>	G.C. 4		0.084		120	1)	X		0.75	0.75	0.5		0.75	199	Provide two units
	Fire Extinguisher	Ansul	2 ABC/1K															0	
	Fire Protection System	Ansul	R-102															0	
60	Flour Bin	Rubbermaid	FG360288-WHT															0	
61	Rice Bin	Rubbermaid	FG360288-WHT															0	
70	Mop & Broom Hanger	Advanced	K242															0	
30	Diaper Changing Station	Koala	KB100-00 Cream															0	
82	Recessed, Paper Towel Dispenser/Waste Receptacle	Bobrick	B-3961-TD																
	Hand Dryer w/Recess Kit	XIerator	XL-SB with Recess Kit				1.50		120	1]	X								
	Stainless Steel 20 ga. Wall Panel, 4'x 9'	Kitchen Equip. Supplier	20 ga. 4ft x 9ft																
87.1	Stainless Steel 20 ga. Wall Panel, 2'-6"x 9'	Kitchen Equip. Supplier	20 ga. 4ft x 9ft																
)	Point of Sale																		
10	Cash Drawer	P.O.S. System																0	
20	Cash Register	P.O.S. System							115	1 1	X							0	Isolated Circuit
30	Printer	P.O.S. System							115	1 1	X							0	Isolated Circuit
,	Signage																		
11	Menuboard, Digital 3 Panels	SICOM	Custom	_					115	1	(3	X							
1.0		CICOM						1	1	T.									

Pre-Sell Menuboard, Digital 1 Panels

SICOM

Custom

ARRISBURG 3/1/19

Midland

501.574.

72404

REVISION & DATE:

Odom

SHEET NUMBER:

4P DUAL LINE COUNTER ITEM H10.3PD

S/S-02

SECTION "A"

SEE SHEET P-11 CHICKEN HOLDIN

S/S-03

©

ELEVATION "B"

A PLAN VIEW

COMPONENTS

GENERAL NOTES

COMPONENTS

\$\(\frac{\sis.01}{\sis.02} \) 14 GA STAINLESS STEEL

\$\(\frac{\sis.02}{\sis.03} \) 16 GA STAINLESS STEEL

\$\(\frac{\sis.03}{\sis.04} \) 18 GA STAINLESS STEEL

\$\(\frac{\sis.04}{\sis.04} \) 1 1/2" SQUARE STAINLESS STE

FLOOR DETAIL FOR REFRIGERATOR

-SEE SHEET P-11 CHICKEN HOLDING UNIT

VERIFY ALL DROP IN EQUIPMENT MAKE AND MODEL BEFORE FABRIC

MANUFACTURER, PART #, AND DESCRIPTION BY:
COMPONENT HARDWARE ADJUSTABLE BULLET SCF SCF

| FEET A10-0851-C | 1 | SQUARE D QO-316L125G LOAD CENTER | SCF | S

MATERIAL / FINISH

S/S-02

SECTION "B"

TONG HOLDER - SEE DETAIL "E"
(4) PLACES

TRECIONS CAN

누 = = = = = = = 국

S/S-03

ELEVATION "A"

6 COMPONENT HARDWARE ADJUSTABLE BULLET SCF SCF FEET A10-0851-C

H10.6PD DUAL LINE PRODUCTION COUNTER

:: 1 1/2" = 1'
DRAWN:
KAJ
OCHECKED:
JOB NO.

P-7B

H10.6PD DUAL LINE

T. = ON BOUNNES
ON CHECKED:

1. Top: 14 GA. S/S 304 #3 Finish 2. Body: 18 GA. S/S 304 #3 Finish

4P DUAL LINE COUNTER

1. Top: 14 GA. S/S 304 #3 Finish 2. Body: 18 GA. S/S 304 #3 Finish

HISSEPEL BLAL LINE COUNTER

ELEVATION "C"

ITEM H10.3PD

4P DUAL LINE COUNTER ITEM H10.3PD

LID DISPENSER - DETAIL "D"

FRONT ELEVATION

ISOMETRIC

ROUND OFF ALL SHARP CORNERS

SNACK BOXES HOLDER

(4) REQUIRED

SIDE ELEVATION

1. Top: 14 GA. S/S 304 #3 Finish 2. Body: 18 GA. S/S 304 #3 Finish

TONG HOLDER - SEE DETAIL "E"
(4) PLACES

S/S-03

ELEVATION "A"

JUNCTION BOX - DETAIL "E"

" - 94" - |

FRONT ELEVATION

ISOMETRIC

ROUND OFF ALL SHARP CORNERS

DINNER BOXES HOLDER

(7) REQUIRED

SIDE ELEVATION

S/S-03>

©

ELEVATION "B"

A PLAN VIEW

GENERAL NOTES

COMPONENTS

 S/S-01
 14 GA STAINLESS STEEL

 S/S-02
 16 GA STAINLESS STEEL

 S/S-03
 18 GA STAINLESS STEEL

FLOOR DETAIL FOR REFRIGERATOR NTS

GENERAL NOTES

COMPONENTS

 S/S-01
 14 GA STAINLESS STEEL

 S/S-02
 16 GA STAINLESS STEEL

 S/S-03
 18 GA STAINLESS STEEL

ISOMETRIC

ROUND OFF ALL SHARP CORNERS

SNACK BOXES HOLDER

(4) REQUIRED

SIDE ELEVATION

TONG HOLDER - DETAIL "E"

 $1" \xrightarrow{-} |6\frac{1}{4}" | \xrightarrow{-} 1"$

FRONT ELEVATION

ERIFY ALL DROP IN EQUIPMENT MAKE AND MODEL BEFORE FABRICAT

MATERIAL / FINISH

SEE SHEET P-11 CHICKEN HOLDING UNIT

VERIFY ALL FIELD JOINTS REQUIRED FOR BUILDING ACCESS

TY MANUFACTURER, PART #, AND DESCRIPTION BY:
BY:
COMPONENT HARDWARE ADJUSTABLE BULLET SCF SCF

H10.6PD DUAL LINE RODUCTION COUNTER

H10.6PD DUAL LINE RODUCTION COUNTER

MATERIAL / FINISH

2401

Odom

SHEET NUMBER:

SHEET TITLE: PLOT DATE:

PROJECT NUMBER: **REVISION & DATE:**

PRODUCTION COUNTER

2/19/2019 2:38:02 PM

ARRISBURG

Rock,

Little 3317 H Street

Midland

TRANSFORMER MOUNTED ACCESSIBLE

EDWARDS #590 48" MOUNTING HEIGHT

ELECTRIC DOOR BUZZER: 8" BELOW

ELECTRIC DOOR PUSHBUTTON:

CEILING

PHOTOCELL

LED LIGHT FIXTURE.

6" LED DOWNLIGHT

6" ADJUSTABLE LED DOWNLIGHT

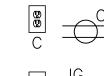
DUPLEX RECEPTACLE; NUMBER SUBSCRIPT INDICATES MOUNTING HEIGHT AFF IF DIFFERENT THAN SPECIFIED.

TOGGLE SWITCH - SINGLE POLE - HUBBEL #HBL1221-I.

WP/GFI

DUPLEX RECEPTACLE - IN WEATHER PROOF ENCLOSURE OR COVER, GROUND FAULT INTERUPTER.

RECEPTACLE FLUSH MOUNTED IN CEILING.



VERIFY EXACT LOCATION AND NEMA CONFIGURATION.

DUPLEX RECEPTACLE - ISOLATED GROUND SURGE PROTECTED - HUBBELL #IG-5362-OSP FOR POS EQUIP.

DUPLEX RECEPTACLE - ISOLATED GROUND SURGE PROTECTED; MOUNTED IN CEILING. HUBBELL #IG-5362-OSP FOR MONITORS

QUAD RECEPTACLE AS LOCATED ON DRAWINGS

RECEPTACLE

SPECIAL PURPOSE

208/120 PANELBOARD.

DISCONNECT SWITCH SIZE AS NOTED. DOOR SWITCH MOUNTED IN DOOR FRAME (F.B.C.)

SEE ELECTRICAL NOTES. A.F.C. ABOVE FINISHED CEILING.

F.B.C. FURNISHED BY CONTRACTOR.

GROUND FAULT INTERUPTING

W.P. WEATHERPROOF

CONDUIT RUN CONCEALED IN WALLS OR CL. SPACES. ARROWS INDICATE HOMERUNS. SUBSCRIPT INDICATES PANEL AND CIRCUIT NUMBERS. SLASH MARKS INDICATE NUMBER OF CONDUCTORS, EQUIPMENT GROUNDING CONDUCTOR REQUIRED IN ALL CONDUITS NOT INDICATED WITH WITH HASHMARK.

SAME AS ABOVE NOTE EXCEPT RUN CONDUIT BELOW FLOOR

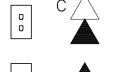
M EF EXHAUST FAN.

M/SF SUPPLY FAN.

JUNCTION OR OUTLET BOX.

SIGN CONNECTIONS REQ'D. VERIFY ALL ASPECTS WITH SIGNAGE JUNCTION JBOX FOR SIGN-MOUNT SWITCH NEAR SIGN. MAKE ALL VENDOR. SEE ARCHITECTURAL ELEVATIONS FOR HEIGHT AND LOCATION AS SHOWN.

JUNCTION BOX FOR SMOKE DETECTOR (F.B.C.) 120v WIRING BY THIS CONTRACTOR.



HEIGHT AS NOTED ON PLANS WITH 3/4 "EMPTY CONDUIT TO ABOVE CEILING. PROVIDE PULL WIRE. TELEPHONE OUTLET. WALL TYPE. 24" AFF U.N.O ON PLANS WITH

COMBINATION DUAL DATA OUTLET AND TELEPHONE OUTLET



3/4 " EMPTY CONDUIT TO ABOVE CEILING. PROVIDE PULL WIRE. DATA OUTLET, HEIGHT AS NOTED ON PLANS WITH 3/4 "EMPTY CONDUIT TO ABOVE CEILING. PROVIDE PULL WIRE.



PROVIDE 'ON/OFF' SELECTOR SWITCH AND PILOT LIGHT IN NEMA 4 STAINLESS STEEL ENCLOSURE MOUNTED ON THE FACE OF THE HOOD. PROVIDED BY HOOD MANUFACTURER.



SPEAKER; CEILING MOUNTED

SPEAKER OUTLET IN WALL STUB 3/4" CONDUIT TO SPK SPACE ABOVE ACCESSIBLE CEILING. PROVIDE PULL

ELECTRICAL SPECIFICATIONS DIVISION 16 - ELECTRICAL SPECIFICATIONS

PART I. GENERAL PROVISIONS

- 1. SCOPE: PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT IN ACCORDANCE WITH THESE SPECIFICATIONS, AND THE ACCOMPANYING DRAWINGS TO PROVIDE A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM FOR THE BUILDING.
- A. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL OF THE FOLLOWING MATERIAL AND EQUIPMENTS UNDER THIS DIVISION OF THE SPECIFICATIONS, UNLESS NOTED OTHERWISE: PANELBOARDS; LIGHTING FIXTURES; LAMPS; RACEWAYS, 600 VOLT WIRE AND CABLE, WIRING DEVICES, DEVICE PLATES, DEVICE, PULL, AND JUNCTION BOXES; SAFETY SWITCHES; MOTOR STARTERS; LIGHTING CONTROLS; CIRCUIT BREAKERS; FUSES; TIME CLOCKS; EQUIPMENT IDENTIFICATION (NAMEPLATES AND DIRECTORIES): WIRE AND CABLE TERMINATIONS; CONNECTIONS TO INDIVIDUAL UNITS OF EQUIPMENT FOR THE WALK-IN FREEZERS AND COOLERS; AND TEMPORARY POWER.
- B. THE FOLLOWING MATERIAL AND EQUIPMENT SHALL BE FURNISHED AND/OR INSTALLED BY OTHERS, OR UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, UNLESS NOTED OTHERWISE: LOW VOLTAGE (24 VOLT) WIRE AND CABLE, COMMUNICATION DEVICES, SECURITY EQUIPMENT, POINT OF SALE (POS) EQUIPMENT, SIGNAGE, CONCRETE BASES FOR SITE LIGHTING POLES.
- C. THE FOLLOWING MATERIAL AND EQUIPMENT WILL BE FURNISHED BY OTHERS, OR UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, AND INSTALLED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE: SITE LIGHTING FIXTURES
- 2. GENERAL REQUIREMENTS: ALL WORK SHALL BE PERFORMED BY SKILLED LICENSED ELECTRICIANS IN ACCORDANCE WITH THE BEST PRACTICES OF THE TRADE, MEETING THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, APPLICABLE FEDERAL, STATE AND LOCAL CODES AND THE REQUIREMENTS OF THE ELECTRICAL UTILITY COMPANY FURNISHING THE SERVICES. ALL NECESSARY CONSTRUCTION PERMITS AND CERTIFICATES OF INSPECTION SHALL BE PURCHASED AND OBTAINED UNDER
- A. COORDINATION: ALL OUTLETS MUST BE ACCURATELY LOCATED, PARTICULARLY APPLIANCE OUTLETS WHICH SHALL BE LOCATED FROM THE DIMENSIONS GIVEN ON THE DRAWING AND FIELD VERIFIED. REVIEW THE ARCHITECTURAL, PLUMBING AND HEATING AND VENTILATING PLANS IN ORDER TO COORDINATE THIS WORK WITH OTHER TRADES, AND COOPERATE WITH THEM IN THE ENTIRE INSTALLATION.
- 3. SERVICE VOLTAGE: THESE DRAWINGS ARE FOR A METERED, UNDERGROUND BUILDING SERVICE OF 120/208 VOLT, THREE PHASE, FOUR WIRE, 60 HERTZ. ALL KITCHEN AND AIR CONDITIONING EQUIPMENT HAS BEEN DESIGNED AND PURCHASED FOR USE ON THIS ELECTRICAL SYSTEM. THE CONTRACTOR SHALL CONTACT THE ELECTRICAL UTILITY AND VERIFY ALL OF THE ABOVE SERVICE CHARACTERISTICS, AND THE AVAILABLE FAULT CURRENT.
- 4. SERVICE EQUIPMENT: THE SERVICE SHALL BE LOCATED AS SHOWN ON THE SITE PLAN. OR AS INDICATED IN THE INSTRUCTIONS TO BIDDERS. UTILITY POLES. PADS FOR UTILITY TRANSFORMERS, CURRENT TRANSFORMER ENCLOSURES, METERING EQUIPMENT, SERVICE MASTS, AND OTHER RELATED MATERIALS AND EQUIPMENT SHALL BE APPROVED, FURNISHED, AND INSTALLED AS REQUIRED. INCLUDE THE COST OF ALL THE ABOVE ITEMS, SERVICE CONNECTIONS, AND METER CHARGES IN THE BASE BID. MAIN SERVICE SWITCHES AND CURRENT TRANSFORMER CABINETS SHALL BE INCLUDED IN THE BASE BID. UNLESS NOTED OTHERWISE, A MAIN SERVICE SWITCH WITH CURRENT LIMITING FUSES MAY BE USED WHEN THE AVAILABLE FAULT CURRENT (AFC) IS EXCESSIVE. IN ORDER TO USE STOCK PANELBOARDS, WITH 10K OR 22K AIC RATINGS.

PART II. MATERIALS

I. MATERIALS: ALL MATERIALS SHALL BE NEW AND OF THE QUALITY INDICATED BY THE SPECIFIED BRAND NAMES. SUBSTITUTIONS OF MATERIAL OF EQUAL QUALITY BY OTHER MAJOR MANUFACTURERS OF COMMERCIAL EQUIPMENT MAY BE ACCEPTABLE, PROVIDED A LIST OF SUCH SUBSTITUTIONS IS APPROVED IN WRITING BY THE POPEYES DESIGN MANAGER, AND THE POPEYES CONSTRUCTION MANAGER. THE CONTRACTOR SHALL SUBMIT A SUBSTITUTION LIST IN TRIPLICATE AT LEAST FIVE DAYS PRIOR TO THE BID OPENING.

- PANELBOARDS: PANELBOARDS SHALL BE BOLT-IN CIRCUIT BREAKER TYPE, AS SHOWN ON THE PLANS. PANELS SHALL BE OF PANELBOARD CONSTRUCTION, 20 INCHES WIDE (MINIMUM), 5-3/4" TO 6-1/2" DEEP, UL LISTED. AND MEET UL 67, UL 50, AND FEDERAL SPECIFICATION W-P-115B AS TYPE 1, CLASS 1, WITH BOLT-ON CIRCUIT BREAKERS, COPPER BUS BARS, NEUTRAL BUS, GROUND BUS, AND A HINGED LOCKABLE DOOR. CABINETS SHALL BE CODE GAUGE, GALVANIZED STEEL, MOUNTED AS SHOWN. PROVIDE TYPEWRITTEN CIRCUIT DIRECTORIES WITH CLEAR PLASTIC PROTECTORS IN ALL PANELS. ALL WIRES SHALL BE TAGGED WITH PANEL AND CIRCUIT NUMBERS. PANEL "MP" SHALL BE UL LISTED AND LABELED AS SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT. APPROVED MANUFACTURERS OF PANELS ARE SQUARE D/TELEMECHANIQUE, CUTLER-HAMMER, GENERAL ELECTRIC, WESTINGHOUSE, AND SIEMENS (I-T-E).
- B. LIGHTING FIXTURES: LIGHTING SHALL BE PURCHASED FROM THE POPEYES APPROVED NATIONAL ACCOUNT PARTNER - HERMITAGE LIGHTING. CONTACT HERMITAGE LIGHTING FOR SPECIAL PACKAGE PRICING. IF PRODUCT IS NOT PURCHASED FRM HERMITAGE LIGHTING, THEN THE PRODUCT IS SUBJECT TO POSSIBLE REMOVAL BY CONTRACTOR AND CORRECT PRODUCT INSTALLED AT THE CONTRACTOR'S EXPENSE. AND AND ALL SUBSTITUTIONS NEED TO BE APPROVED IN WRITING BY A PLK DESIGN MANAGER.
- WIRING DEVICES: ALL WIRING DEVICES SHALL BE UL LISTED, COMMERCIAL SPECIFICATION GRADE. SWITCHES SHALL BE RATED 20 AMPS AT 120/277 VOLTS, AC. STANDARD RECEPTACLES SHALL BE 20 AMP, DUPLEX, GROUNDING TYPE, IN NEMA CONFIGURATIONS, UNLESS NOTED OTHERWISE. SWITCHES IN THE SAME LOCATION SHALL BE GANGED BEHIND A SINGLE PLATE. DEVICE PLATES IN THE KITCHEN AREA SHALL BE METAL, ALUMINUM OR STAINLESS STEEL. DEVICE PLATES IN THE DINING AREA SHALL BE TAMPER RESISTANT, AND THERMOPLASTIC PLASTIC (NYLON) OR METAL, COLOR AS APPROVED BY POPEYES DESIGN. APPROVED MANUFACTURERS OF SWITCHES AND RECEPTACLES ARE HUBBELL, ARROW HART, BRYANT, LEVITON, PASS & SEYMOUR, GENERAL ELECTRIC, SLATER, OR EQUAL.
- SWITCHES: a. SINGLE POLE: HUBBELL HBL1221-I, OR EQUAL.
- b. THREE WAY: HUBBELL HBL1223-I, OR EQUAL. RECEPTACLES:
- a. NEMA 5-20R: HUBBELL 5362I, OR EQUAL. b. NEMA 5-20R-IG: HUBBELL IG-5362, OR EQUAL.
- c. NEMA 5-20R-IG/SS: HUBBELL IG-5362-OS, OREQUAL. d. NEMA 5-20R-GFCI: HUBBELL GF5362-I, OR EQUAL. e. NEMA 6-20R: HUBBELL 5462-I, OR EQUAL
- f. OTHERS: COMMERCIAL OR INDUSTRIAL GRADE, UL LISTED, FEDERAL SPECIFICATION WC596F.
- 3. WP PLATES: WEATHERPROOF COVERS ARE PERMITTED UNDER NEC ARTICLE
- NATIONAL ACCOUNT: REFER TO THE NATIONAL ACCOUNT DIRECTORY. THE FOLLOWING EQUIPMENT MAY BE AVAILABLE: MAIN SERVICE PANELBOARD WITH BREAKERS INSTALLED, LIGHTING AND DISTRIBUTION PANELBOARDS WITH BREAKERS INSTALLED, ROOF-TOP DISCONNECTS FOR HVAC UNITS AND KITCHEN HOOD FANS, LIGHTING CONTACTOR PANEL, AND SHUNT TRIP SYSTEMS (IF REQUIRED PER LOCAL CODE).
- EXCAVATIONS: PERFORM ALL NECESSARY EXCAVATING AND BACK-FILLING REQUIRED FOR THIS INSTALLATION. ALL EXCAVATIONS BELOW THE BOTTOM OF FOOTINGS SHALL BE BACKFILLED WITH 3000 PSI CONCRETE. WHERE DITCHES ARE CUT FOR OUTSIDE RUNS OF CONDUIT, REPLACE AND TAMP THE EARTH IN 12" LAYERS AND LEAVE THE GROUND LEVEL AND EQUAL TO ITS ORIGINAL CONDITION.
- 6. CONDUIT AND FITTINGS: CONDUIT PERMITTED: (A) RIGID GALVANIZED STEEL RGS), (B) EMT, (C) PVC, AND (D) ENT. TYPES UTILIZED SHALL BE RUN ONLY AS PERMITTED PER CODE. ALL WIRING SHALL BE RUN IN CONDUIT. CONDUIT PLACED IN CONCRETE OR RUN UNDERGROUND SHALL BE RIGID GALVANIZED CONDUIT OR PVC. IF PVC IS USED, ALL ELBOWS, SWEEPS AND STUB-UPS SHALL BE RGS. CONDUIT EXPOSED OR RUN IN MASONRY WALLS ABOVE GRADE MAY BE PVC OR EMT WHERE ALLOWED BY LOCAL CODES. IF EMT IS NOT PERMITTED. RIGID SCREWED GALVANIZED PIPE CONDUIT AND FITTINGS SHALL BE USED. IF SHIELDED CABLE IS REQUIRED FOR CONTROL CIRCUITRY, IT SHALL BE TAN, GREY OR ANY NEUTRAL COLOR OTHER THAN THAT AS SPECIFIED FOR POWER DISTRIBUTION. NO CONDUIT SMALLER THAN 3/4" SHALL BE INSTALLED EXCEPT FOR TWO-WIRE SWITCH LEGS. ALL CONDUIT BENDS SHALL BE FREE FROM DENTS AND KINKS. ALL CONDUITS SHALL BE ELECTRICALLY CONTINUOUS FROM THE SERVICE EQUIPMENT TO ALL OUTLETS, AND SHALL BE SECURED TO ALL METAL BOXES WITH ONE LOCK NUT OUTSIDE, AND ONE INSIDE THE BOX WITH A REINFORCED BAKELITE BUSHING. IF PVC, OR ENT, IS USED, THEN APPROPRIATE SIZED, ELECTRICALLY CONTINUOUS, BOND WIRES SHALL BE RUN FROM THE SERVICE EQUIPMENT TO ALL OUTLETS, AND SHALL BE SECURED TO EACH WIRING DEVICE PER THE NATIONAL ELECTRICAL CODE. WHERE CONNECTIONS ARE TO BE MADE BETWEEN CONDUIT TERMINATIONS AND MOTORS, EQUIPMENT, OR APPARATUS NECESSITATING FLEXIBLE CONNECTIONS, APPROVED FLEXIBLE CONDUIT SHALL BE USED. OUTDOOR CONNECTIONS TO FANS, HVAC UNITS, OR ROTATING EQUIPMENT SHALL B MADE WITH HELICAL WOUND, LIQUIDTIGHT, FLEXIBLE STEEL CONDUIT. EXPOSED CONDUIT SHALL BE SUITABLY SUPPORTED AT INTERVALS NOT TO EXCEED FIVE (5) FEET. DURING CONSTRUCTION, CONDUIT SHALL BE KEPT FREE OF ALL FOREIGN MATTER BY USE OF CAPPED BUSHINGS ON ALL TURNED UP ENDS. PAPER OR WOOD PLUGS ARE NOT ACCEPTABLE FOR THIS PURPOSE.

- 7. WIRE AND CABLES: ALL WIRE AND CABLES SHALL BE UNDERWRITERS LABORATORIES' LISTED, AND LABELED, AND CONFORM WITH APPLICABLE STANDARDS OF UL (44, AND 83), NEMA (WC-5, AND WC-7), IPCEA (S-61-402, AND S-66-524), FEDERAL SPECIFICATIONS (J-C-30A(1), AND HH-I-595C), ANSI, AND OTHER APPLICABLE INDUSTRY STANDARDS. CONNECTORS AND LUGS SHALL MEET UL PUBLICATION 486. ALL BRANCH CIRCUIT WIRING SHALL BE 600 VOLT, COPPER. 75 DEGREE C (MIN). TYPE THHN/THWN WITH A MINIMUM SIZE OF #12 AWG, UNLESS NOTED OTHERWISE. WIRE SIZES OF #8 AWG AND LARGER SHALL BE STRANDED. SERVICE AND FEEDER CABLES SHALL BE 600 VOLT, STRANDED COPPER, 75 DEGREE C (MIN), TYPE XHHW. ALL CIRCUITS SHALL HAVE A SEPARATE GROUND CONDUCTOR. PROVIDE GREEN-INSULATED GROUND WIRE IN ALL RACEWAYS, CABLE ASSEMBLIES, AND WHERE NOTED. SIZE EQUIPMENT GROUNDS PER TABLE 250-122 OF THE NATIONAL ELECTRICAL CODE. INSULATION COLOR CODES SHALL BE BLACK, RED, AND BLUE (PHASE), WHITE (NEUTRAL), AND GREEN (GROUND).
- A. ALL WIRING SHALL BE INSTALLED IN CONDUIT, EXCEPT WHERE SPECIFICALLY SHOWN ON THE DRAWINGS. NON-METALLIC SHEATHED (TYPE NM) CABLE IS NOT PERMITTED.
- B. ALL BRANCH CIRCUIT, COMMUNICATION, SIGNALING, AND CONTROL WIRING TO KITCHEN, FIRE PROTECTION, AND OTHER EQUIPMENT SHALL BE ROUTED ABOVE THE CEILING. VERIFY WHETHER OR NOT THE SPACE ABOVE THE CEILING IS USED AS A SPACE FOR RETURN AIR FOR THE ENVIRONMENTAL AIR SYSTEM. IF IT IS USED FOR RETURN AIR, PROVIDE APPROVED RACEWAYS FOR ALL OVERHEAD WIRING PER NEC ARTICLE 300-22(B). IF IT IS NOT "OTHER SPACE USED FOR ENVIRONMENTAL AIR", APPROVED LOW VOLTAGE CABLES MEETING THE REQUIREMENTS OF NEC ARTICLES 725 AND 760 MAY BE RUN WITHOUT RACEWAYS, UNO. ALL SAFETY CONTROL WIRING FOR FIRE PROTECTION SYSTEMS, SHUNT TRIPS, ETC. SHALL BE RUN IN A RACEWAY IN ACCORDANCE WITH NEC ARTICLES 725.25 AND 725.28.
- 8. SITE LIGHTING: THE NATIONAL ACCOUNT VENDOR SHALL FURNISH THE SITE LIGHTING PACKAGE. AS REQUIRED FOR THE SPECIFIC LOCATION. UNDER THIS SPECIFICATION SECTION. PROVIDED ARE 1" RIGID GALVANIZED STEEL ELECTRICAL CONDUIT, AND THE REQUIRED WIRING FROM THE PANEL TO THE POLE. SET FIXTURES AND POLES ON CONCRETE BASES, AS PROVIDED UNDER SPECIFICATION SECTION 3A: CONCRETE. GROUND/BOND ALL SITE LIGHTING FIXTURES/POLES PER THE NEC. THE BRANCH CIRCUIT CONDUCTORS SHALL BE INCREASED FROM #10 AWG TO #8 AWG IF THE HORIZONTAL DISTANCE FROM THE PANEL TO THE POLE IS GREATER THAN EIGHTY (80) FEET. ALL SITE LIGHTING SHALL BE CONTROLLED THROUGH THE LIGHTING CONTROL SYSTEM SHOWN ON THE DRAWINGS. REFER TO THE SITE QUANTITY AND LOCATION OF ALL SITE LIGHTING. SET FIXTURES AS SPECIFIED, AND AIM AFTER DARK FOR UNIFORM LIGHT DISTRIBUTION. THE NATIONAL ACCOUNT VENDOR SHALL PROVIDE A SITE PHOTOMETRIC AT NO COST, WHICH MAY BE A PART OF THE CONSTRUCTION DOCUMENTS SET, BUT SHALL BE SUBMITTED TO POPEYES DESIGN FOR THEIR
- 9. SIGNAGE LIGHTING: PROVIDE A 1" RIGID GALVANIZED STEEL ELECTRICAL CONDUIT, AND WIRING, FROM THE PANEL TO ALL ILLUMINATED SIGNS AS SHOWN ON THE LIGHTING AND SITE PLANS. GROUND/BOND EACH SIGN. SIGNS WILL BE FURNISHED AND INSTALLED BY THE SIGN COMPANY CONTRACTED BY THE GC, OR UNDER A SEPARATE CONTRACT WITH THE OWNER. POWER AND WIRING SHALL BE FURNISHED AND INSTALLED UNDER THIS SECTION OF THE SPECIFICATIONS.

- A. FURNISH AND INSTALL ALL POWER WIRING AND CONDUIT AS INDICATED ON THE DRAWINGS FOR ROOF-TOP HVAC EQUIPMENT, KITCHEN HOOD FANS, AND WALK-IN FREEZER AND COOLER EQUIPMENT. DISCONNECT SWITCHES, AVAILABLE FROM THE NATIONAL ACCOUNT, SHALL BE FURNISHED AND INSTALLED FOR EACH UNIT OF HVAC EQUIPMENT, AND FOR KITCHEN EQUIPMENT WITHOUT A CORD AND PLUG. BEFORE ENERGIZING ANY EQUIPMENT, VERIFY THAT THE CORRECT POWER SUPPLY VOLTAGE, AMPACITY, AND PHASING HAS BEEN PROVIDED AT THE LOAD SIDE OF THE DISCONNECT
- B. FURNISH AND INSTALL THE LIGHTING CONTACTOR PANEL, AND ALL ASSOCIATED POWER WIRING, AS INDICATED. THE LIGHTING CONTACTOR PANEL IS CUSTOM BUILT, AND AVAILABLE FROM THE NATIONAL ACCOUNT.
- 10. EMPTY CONDUIT: LEAVE A #12 AWG PULL WIRE IN ALL EMPTY CONDUITS
- 11. BOXES AND WIREWAYS: ALL JUNCTION BOXES. PULL BOXES. WIREWAYS. ETC. SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- 12. EQUIPMENT IDENTIFICATION: PROVIDE NAMEPLATES FOR ALL PANELBOARDS, CONTROLS, AND OTHER ELECTRICAL EQUIPMENT. EQUIPMENT VISIBLE TO THE PUBLIC SHALL BE IDENTIFIED WITH ENGRAVED LAMINATED NAMEPLATES ATTACHED WITH STAINLESS STEEL FASTENERS. ELECTRICAL EQUIPMENT NOT VISIBLE TO THE PUBLIC MAY BE NEATLY IDENTIFIED WITH BLACK PERMANENT MARKERS.

PART III. EXECUTION

1. TESTS: MAKE ALL TESTS NECESSARY TO ENSURE THAT THE ENTIRE INSTALLATION IS FREE FROM IMPROPER GROUNDS, AND FROM SHORTED AND/OR OPEN CONDUCTORS. VOLTAGE, CURRENT, AND ROTATION TESTS SHALL BE MADE BEFORE ANY MOTORS ARE PLACED IN OPERATION. ALL LOADS SHALL BE BALANCED ACROSS PHASES. CHECK TO SEE THAT ALL LIGHTS WORK, AND ARE CONTROLLED BY SWITCHES INDICATED ON DRAWINGS, OR CIRCUIT BREAKERS SO INDICATED ON PANEL SCHEDULE.

2. GUARANTEE: FURNISH A GUARANTEE IN WRITING TO THE OWNER THAT ALL WORK EXECUTED UNDER THIS SECTION IS FREE FROM DEFECTS OF MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE. IN ADDITION, DURING THE TERM OF THIS GUARANTEE, THE REPAIR AND/OR REPLACEMENT OF ANY DEFECTIVE WORK, AND ALL RESULTING DAMAGES SHALL BE MADE AT NO ADDITIONAL EXPENSE TO THE OWNER.

- 3. TEMPORARY POWER: AT THE PROJECT SITE, PROVIDE A 100 AMP, 120/240 VOLT, SINGLE PHASE, SERVICE WITH POWER OUTLETS ADEQUATE FOR TEMPORARY CONSTRUCTION POWER. TEMPORARY LIGHTING SHALL BE MAINTAINED IN ALL AREAS OF THE BUILDING UNTIL PERMANENT POWER SOURCES HAVE BEEN ENERGIZED. TEMPORARY SERVICE SHALL BE PROVIDED UNDER SECTION 1A OF THESE SPECIFICATIONS.
- 4. CLEAN-UP: LEAVE THE ELECTRICAL PORTION OF THE WORK IN A CLEAN AND FINISHED CONDITION.
- 5. AS-BUILT DRAWINGS: MAINTAIN AS-BUILT DRAWINGS, UPDATED DAILY DURING CONSTRUCTION, AND PRESENT THE OWNER WITH ONE SET UPON COMPLETION. PROVIDE THE OWNER'S PERSONNEL WITH ON-SITE INSTRUCTION IN THE OPERATION AND MAINTENANCE OF THE COMPLETED ELECTRICAL SYSTEM.





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REGISTERED **PROFESSIONAL** ENGINEER * * * No.10036 ESPR. Digitally signed by James DN: C=US, E=james.primm@aecllc.us, OU="", O="", CN="James Primm, PE" Date: 2019.03.13 20:52:03-05'00'

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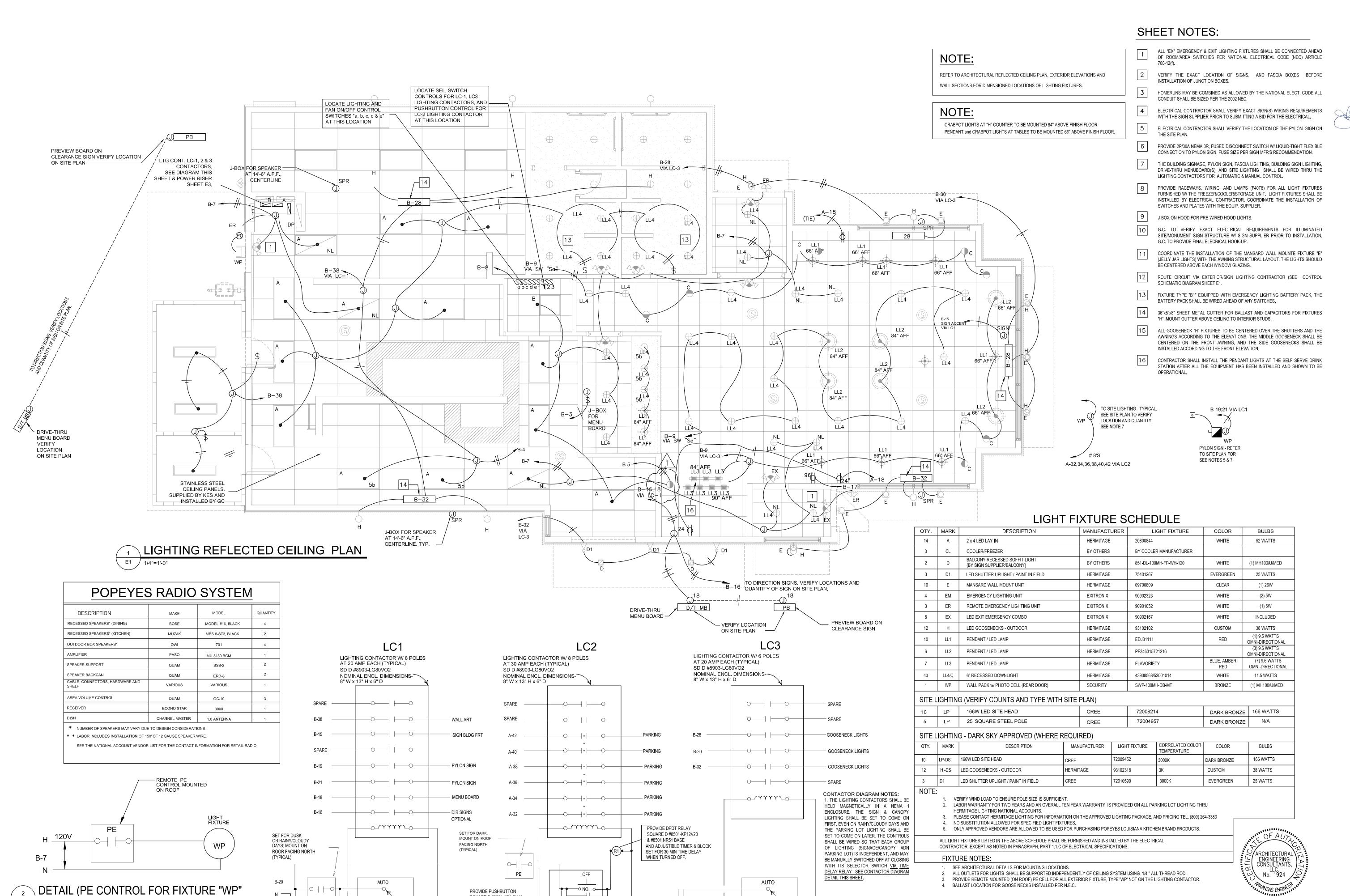
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LIGHTING CONTACTOR DIAGRAM

ARCHITECTURAL ENGINEERING CONSULTANTS, LLC. —— P.O. Box 94798 - North Little Rock, AR 72190

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REGISTERED

PROFESSIONAL

ENGINEER * * *

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OU="", O="", CN="James
Primm, PE"
Date: 2019.03.13

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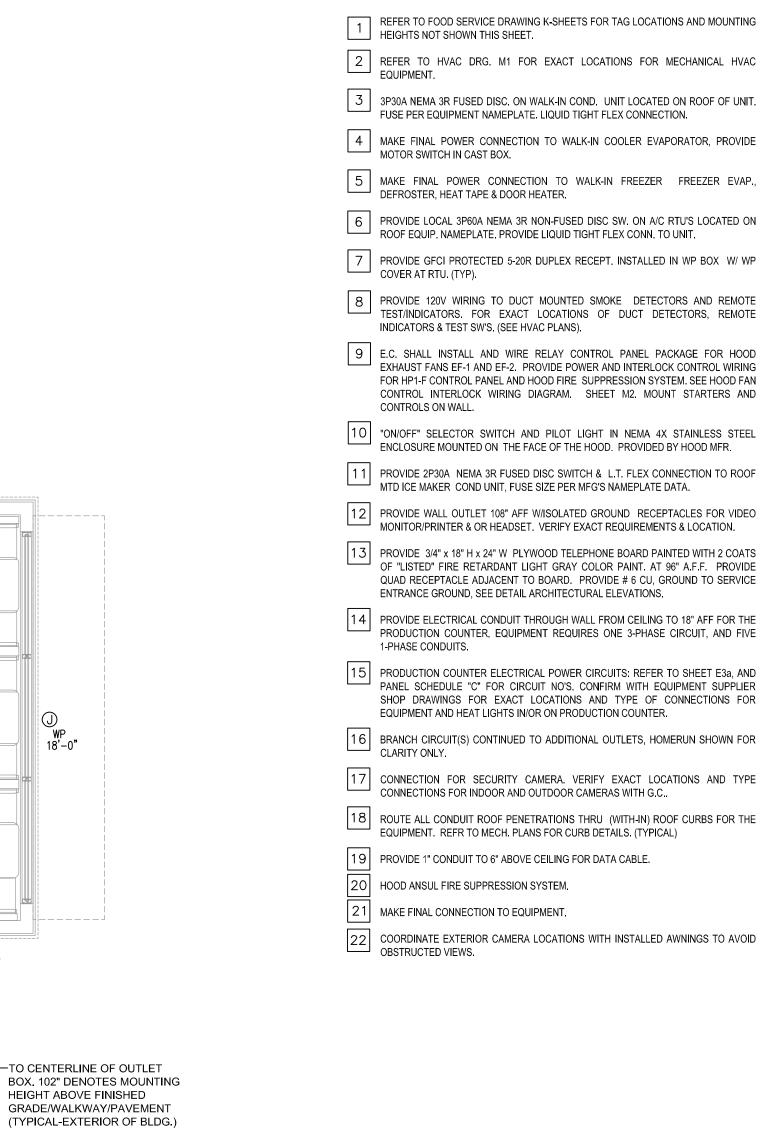
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P.O.S. NOTES:

3-#6, #10 GND

ALL P.O.S. (POINT OF SALE) CIRCUITS SHALL HAVE AN ISOLATED GROUND WIRE BACK TO THE PANEL. ALL P.O.S. EQUIP. SHALL BE WIRED INDEPENDENTLY OF ANY NON-P.O.S. EQUIPMENT.

NOTE:

REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT

DIMENSIONED LOCATIONS FOR ALL WALL OUTLETS

- ALL RECEPTACLES FOR P.O.S. EQUIPMENT SHALL BE ISOLATED GROUND WITH SURGE SUPPRESSOR TYPE. ALL RECEPTACLES FOR P.O.S. EQUIPMENT SHALL BE SINGLE UNIT, UNLESS A DUPLEX RECEPTACLE CAN BE USED TO SUPPLY TWO P.O.S. UNITS. DUPLEX RECEPTACLES MAY BE USED IN THE MANAGER'S OFFICE FOR NON-P.O.S. EQUIPMENT (COMPUTER, MUSIC, FIRE ALARM, SECURITY, ETC.)
- 3. ALL CIRCUITS FOR P.O.S. EQUIPMENT SHALL BE CONNECTED TO THE SAME PHASE OF POWER IN THE PANEL. ALL BRANCH CIRCUIT BREAKERS SUPPLYING P.O.S. EQUIPMENT SHALL HAVE LOCKING HANDLES
- 4. EACH RECEPTACLE TYPE (LOCKING OR STRAIGHT BLADE) SHALL MATCH THAT OF THE EQUIPMENT FURNISHED. WHERE P.O.S. EQUIPMENT IS FURNISHED WITHOUT A PLUG THE RECEPTACLE SHALL BE LOCKING TYPE. COORDINATE RECEPTACLE TYPES WITH THE P.O.S. EQUIPMENT SUPPLIER.

GENERAL NOTES:

- VERIFY MOUNTING HEIGHTS OF ALL RECEPTACLES WITH EQUIPMENT SUPPLIED PRIOR TO INSTALLATION. B. ALL EQUIPMENT ELECTRICAL OUTLETS
- ARE DIMENSIONED TO CENTERLINE OF BOX FROM ABOVE FINISHED FLOOR. ELECTRICAL CONTRACTOR TO PROVIDE CORD & PLUG CONNECTIONS FOR
- EQUIPMENT AS REQUIRED. ALL 120V, 20A OUTLETS IN THE FOOD PREP AREA SHALL BE GROUND FAULT
- INTERRUPT TYPE. E. BEFORE PHONE IS INSTALLED, THE FOLLOWING NEEDS TO BE IN PLACE: E.A. CONDUIT AND PULL STRING E.B. BACK BOARD - GROUNDED ON FIRE RETARDANT WALL.
- F. KVS 3 ON BACK LINE NEEDS TO BE A POLE MOUNT
- G. PROVIDE "UP" OUTLET AT ROOFTOP EQUIPMENT.

HIGH OUTPUT PRODUCTION COUNTER

THREE PHASE LOAD PANEL: 120-208V 60HZ

POWER PLAN KEY NOTES

TEST/INDICATORS. FOR EXACT LOCATIONS OF DUCT DETECTORS, REMOTE

EXHAUST FANS EF-1 AND EF-2. PROVIDE POWER AND INTERLOCK CONTROL WIRING

FOR HP1-F CONTROL PANEL AND HOOD FIRE SUPPRESSION SYSTEM. SEE HOOD FAN

ENCLOSURE MOUNTED ON THE FACE OF THE HOOD. PROVIDED BY HOOD MFR.

MONITOR/PRINTER & OR HEADSET. VERIFY EXACT REQUIREMENTS & LOCATION.

OF "LISTED" FIRE RETARDANT LIGHT GRAY COLOR PAINT. AT 96" A.F.F. PROVIDE

QUAD RECEPTACLE ADJACENT TO BOARD. PROVIDE # 6 CU, GROUND TO SERVICE

PRODUCTION COUNTER. EQUIPMENT REQUIRES ONE 3-PHASE CIRCUIT, AND FIVE

SHOP DRAWINGS FOR EXACT LOCATIONS AND TYPE OF CONNECTIONS FOR

MTD ICE MAKER COND UNIT, FUSE SIZE PER MFG'S NAMEPLATE DATA.

ENTRANCE GROUND, SEE DETAIL ARCHITECTURAL ELEVATIONS.

EQUIPMENT AND HEAT LIGHTS IN/OR ON PRODUCTION COUNTER.

CONNECTIONS FOR INDOOR AND OUTDOOR CAMERAS WITH G.C.,

1-PHASE CONDUITS.

CLARITY ONLY.

CIRCUIT	QTY	PART	VOLTS	PH	AMPS	L1	L2	L.
1	1	HOLDING CABINET DHB-P1A	208	1	13.87	13.87		13.8
2	1	HOLDING CABINET DHB-P1A	208	1	13.87	13.87	13.87	
3	1	UNDER COUNTER REFRIG. RECEPTACLE	120	1	6.35	6.35		
4	1	HOLDING CABINET DHB-3PT-41	208	1	23.7		23.7	23.
5	1	CERAMIC HEAT LAMP	120	1	5.1		5.1	
6	1	HOLDING CABINET DHB2PT-60P	208	3	26	26	26	26
					TOTAL	60.09	68.67	63.

MINIMUM CIRCUIT AMPACITY: 85.8 MAXIMUM OVER CIRCUIT PROTECTION: 100





POWER CO

METER & MAIN -

SEE RISER

DIAGRAM SHT E3

FOR HEAT TRACE AT -GREASE RECOVERY

-CONDUIT BUSHING WITH TERMINATION

CEILING GRID

FINISHED FLOOR

AT 6" ABOVE FINISHED CEILING.

RECESSED SINGLE GANG

— 1" OR 3/4" CONDUIT WITH

PULL STRING AS NOTED.

ELECTRICAL BOX.

TYP. COMM. STUB UP DETAIL

UNIT. (VERIFY EXACT)

LOCATION)

DP-34,36,38

D20 NEMA 6-30R

C+26:28 NEMA 6-30R D70

76" D90 NEMA 5-30R

REFR TO SITE

EXACT LOCATION

PLAN FOR

ELECTRICAL POWER PLAN AND DETAILS

-LOOP/AUDIO

-TO BLDG

FOR AUDIO

C−18:20 → ♡ | |

C-34:36 😽 🖹

EXTERIOR MENUBOARD

LITERATURE FOR SPECIFIC INSTALLATION

PRE-FAB DETECTOR LOOP ——

OF PREFAB LOOP

· OMIT WIRE REINFORCING MESH

IN CONC. DRIVE WITHIN 24"

SUPPLIED & INSTALLED BY G.C.

≠ 4'-0" **≠**

NOTE: REFER TO MFR. LITERATURE

INSTRUCTIONS FOR PREFAB LOOP

SEE SITE PLAN FOR

ORIENTATION

—SPEAKER BOX

E.C. SHALL PROVIDE

ABOVE CEILING FOR

3/4" C. STUBBED

ANSUL SYSTEM

E.C. SHALL WIRE & 17—CONNECT G.C.

CONNECT G.C.

PROVIDED REMOTE

ANSUL PULL STATION

SERVICE SIGN & -

FOR IRRIGATION -

(VERIFYEXACTLOCATION)

WP J-BOX & DISC SW -

4 WIRE TO GREASE

CONTAINER

CABLE/S -

E2 / 1/4"=1'-0"

DUAL/DOUBLE

CONTROLLER.

RUN 2 - 2" CONDUITS FROM

TELECOMMUNICATION EQUIPMENT

BOARD TO A LOCATION COORDINATED

WITH INTERNET PROVIDER, TELEPHONE

SERVICE CABLE, CONDUITS SHALL BE

INSTALLED WITH PULLWIRE, CONDUITS

RISE FROM U.G. INSIDE EXTERIOR WALL

AND TURN-OUT WITH 90 DEG ELLS

INSIDE BLDG. AT TERM. BD. SEE ARCHITECTURAL ELEVATIONS.

FOR HEAT TRACING IN -

FOR HEAT TRACING

IN THE FREEZER.

THE COOLER

PUSH BUTTON

4 DRIVE THRU AUDIO TIMERS

17 102" WP/60" K10

AUDIO SYSTEM

SEE DETAIL 4

CEILING GRID-

CENTER MODULE

(WALL MOUNTED)

WIRELESS DRIVE-THRU

LOOP DETECTOR—

— FIN. FLOOR

SP ""
SPEAKER
POST

VERIFY LOCATION ON SITE PLAN

48" DENOTES MOUNTING HEIGHT ABOVE FINISHED

FLOOR TO CENTERLINE OF OUTLET BOX.

(TYPICAL-INTERIOR OF BLDG.)

COORDINATE WITH SHEET K2.

1" CONDUIT

- SIGNAL 4"x4" J-BOX

"PROVIDE STAINLESS

— 4"x4" J-BOX

—COUNTER TOP

3/4" CONDUIT TO

VERIFY LOCATION

SPEAKER POST.

ON SITE PLAN.

STEEL COVER PLATE

W/ 3/4" BUSHING

OUTLET BOX"

120 VOLT DUPLEX

CIRCUIT B-22

HOLE FOR SIGNAL

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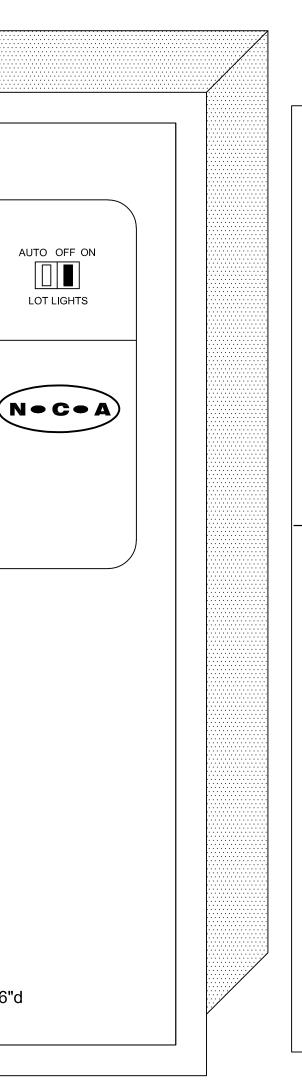
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UNOCCUPIED OCCUPIED

POPEYES

AUTO OFF ON

EXHAUST/HOOD

START/STOP

NEM1 ENCLOSURE 18"w x 30"h x 6"d

NOTE: T-STAT WIRING SHALL BE 18 AWG. 24V, 8 CONDUCTOR

CONTACTOR

MOTOR

STARTER

ENCLOSURE

CONTROL RISER DIAGRAM

- EXHAUST FAN-1

REMOTE SENSOR

REMOTE SENSOR

REMOTE SENSOR

REMOTE SENSOR

ANSUL SYSTEM

FRYER CONTROL

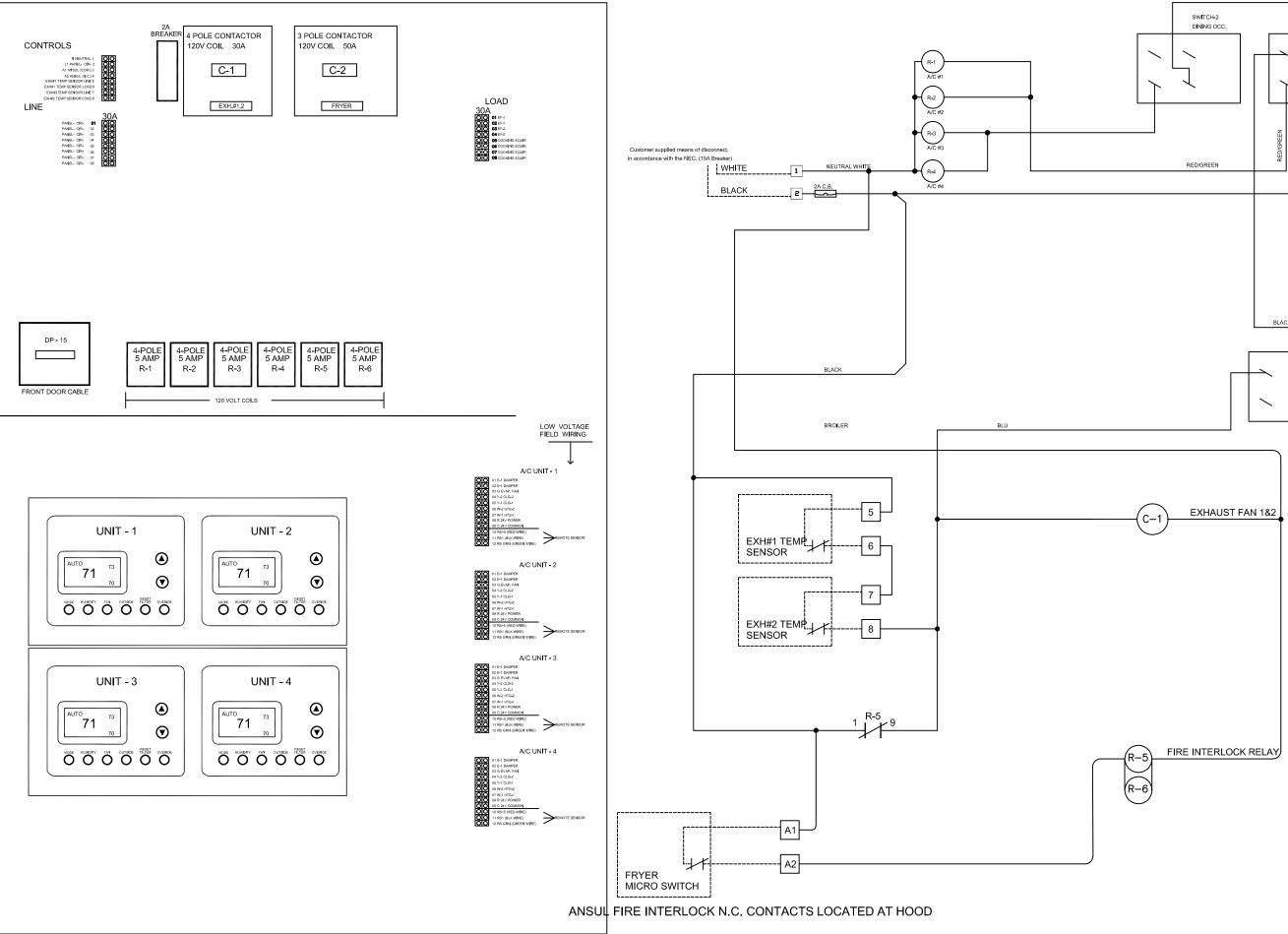
AIR COND.

AIR COND.

AIR COND. UNIT 3

AIR COND.__. UNIT 4

UNIT 2



PANEL SCHEMATIC DIAGRAMS

VENSTAR T2700 THERMOSTAT

TURN THE KITCHEN UN-OCCUPIED/OCCUPIED SWITCH TO THE THE OCCUPIED POSITION. THE KITCHEN AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTATS OCCUPIED SET POINT.

NOTE: THE KITCHEN AIR CONDITIONING BLOWER FANS WILL START AND RUN CONTINUOUSLY. THE EXHAUST FAN WILL NOT RUN UNTIL THE KITCHEN A/C SWITCH IS IN THE OCCUPIED POSITION.

TURN THE HOOD/EXH SWITCH TO THE ON POSITION THIS WILL TURN ON YOUR EXHAUST FAN AND THE COOKING EQUIPMENT

"RESTAURANT OPEN FOR BUSINESS"

TURN THE DINING UN-OCCUPIED/OCCUPIED SWITCH TO THE THE OCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTATS OCCUPIED SET POINT.

NOTE: THE DINING AIR CONDITIONING BLOWER FANS WILL START AND RUN CONTINUOUSLY. $\underline{\text{"RESTAURANT CLOSE FOR BUSINESS"}}$

TURN THE DINING UN-OCCUPIED/OCCUPIED SWITCH TO THE THE UNOCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO TO NIGHT SETBACK MODE.

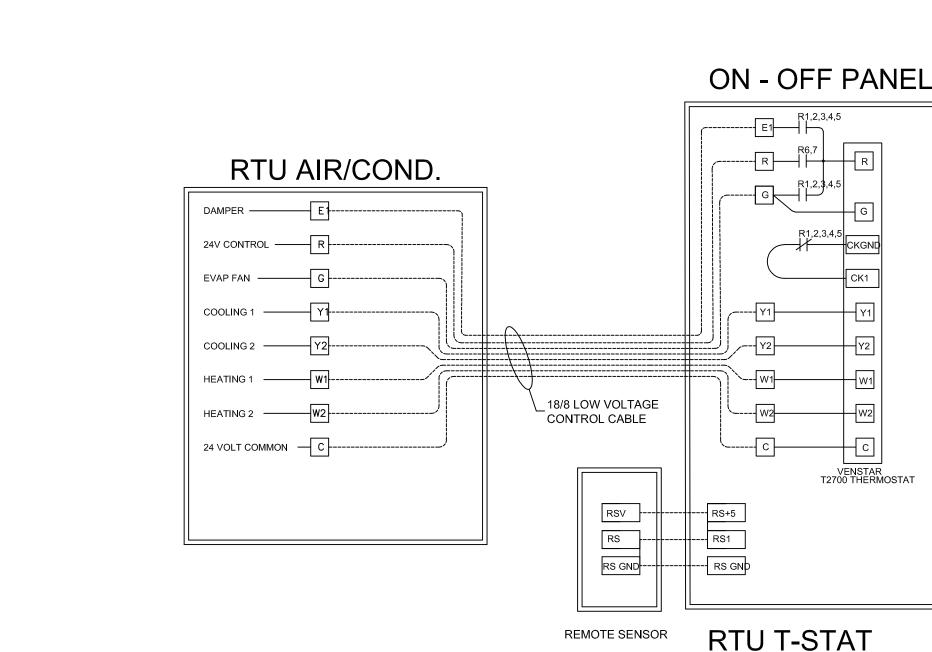
TURN THE EXHAUST FAN SWITCH TO THE OFF POSITION.

SWITCH FROM THEIR OCCUPIED SETPOINTS TO THIER NIGHTSETBACK SETPOINTS.

"MANAGER/LAST PERSON LEAVING THE BUILDING"

PANEL LAYOUT

CONTACTOR PANEL--18"wX30"hX6"d



LOW VOLTAGE CONTROL WIRING
ONE AIR CONDITIONING SYSTEM SHOWN

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ELECTRICAL CONTRACTOR OR HVAC SHALL ORDER THE HVAC CONTROL PANEL BY CALLING

THE CONTROL PANEL SHALL BE COMPLETE WHEN SHIPPED TO THE JOB SITE. NO INTERNAL WIRING SHALL BE REQUIRED. MAKE ALL EXTERNAL WIRING CONNECTIONS AS REQUIRED.

ELECTRICAL CONTRACTOR NOTES:

1. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM EACH ROOFTOP AIR CONDITIONING UNIT TO THE CONTROL PANEL.

2. RUN ONE (3) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE CONTROL PANEL TO EACH REMOTE SENSOR LOCATION.

3. RUN 0NE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM EACH SMOKE DETECTOR TO THE ATTENDANT AUDIO-VISUAL ANNUNCIATOR.

4. TERMINATION OF ALL 24 VOLT AIR CONDITIONING CONTROL WIRING SHALL BE DONE BY



AEC Job #: 1501.19.002

ARCHITECTURAL ENGINEERING - CONSULTANTS, LLC. —— P.O. Box 94798 - North Little Rock, AR 72190 501.379.9693 Phone - 501.379.9712 Fax

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chitectur

Odom

REVISION & DATE:

SHEET NUMBER: **E**3

									PA	NE	EL	_ "/	Α"								
SEI MO	S NUM RVED I UNTIN MARKS	FRC G:		MAII	PERE F N TYPI OPTI	E:			22: IN BR		ER				(L-L): (L-N):			PHASE: 3 WIRE: 4 MIN. KAIC: 30			
CKT NO.	CIRCU BRK		LOAD DESCRIPTION	CODE	LOAD KVA		PH.	NCH (ASE/ EUT.	CND	MIN	s	PH	ANCH IASE/ EUT.	CND	MIN	LOAD KVA	COD	LOAD DESCRIPTION	CIRCI BRK		CKT NO.
	TRIP	Ρ		E		s		SIZE	SIZE	SIZE	s		SIZE	SIZE	CND SIZE		E		TRIP	Р	
1	20	1	HEF-1	D	0.87	1	2	12	12	3/4	1	2	12	12	3/4	0.52	_	FAN EF-1	20	1	2
3	20	1	HEF-2	D	0.87	1	2	12	12	3/4	1	2	12	12	3/4	0.30	K	HOOD CONTROLS	20	1	4
5	20	1	MONITOR (A31)	R	0.60	1	2	12	12	3/4	1	2	12	12	3/4	0.90	R	RECEPTACLES	20	1	6
7	200	1	CARBONATORS (K42)	K	17.2	1	2	3/0	6	1-1/2	1	2	12	12	3/4	0.10	D	OFFICE CABINET FAN	20	1	8
9	20 20	1	TOASTER (C21)	K	1.8 0.78	1	2	12 12	12 12	3/4	1	2	12 12	12 12	3/4	0.10	N	SERVICE DOORBELL	20 20	1	10 12
13	20	1	REFRIGERATOR (C10.27) BATTER STATION (A47.3)	K	0.78	1	2	12	12	3/4	<u> </u>	2	12	12	3/4 3/4	0.62	R N	IRRIGATION CONTROLS ANSUL SYSTEM	20	1	14
15	20	1	FREEZER (A54)	$\frac{1}{K}$	1.44	1	2	12	12	3/4	1	2	12	12	3/4	1.44	K	REFRIGERATOR (B60)	20	1	16
10	20		TREEZER (AST)		1.11	Ė		'-	12	3/4	1	2	12	12	3/4	0.52	R		20	1	18
19	20	3	FREEZER EVAPORATOR	k	0.53	1	3	12	12	3/4	1	2	12	12	3/4	0.72	R	RECEPTACLES - DINING	20	1	20
											1	2	12	12	3/4	1.44	R	SECURITY CAMERAS	20	1	22
23	25	1	HOLDING CABINET (D90)	К	0.53	1	2	10	10	3/4	1	2	12	12	3/4	0.10	N	WATER HEATER CONTROLS	20	1	24
25	20	1	PACKING STATION (D29)	К	0.53	1	2	12	12	3/4	1	2	12	12	3/4	1.62	R	SECURITY CAMERAS	20	1	26
27	20	1	BISCUIT HOLDING (B65)	K	2.11	1	2	12	12	3/4	1	2	12	12	3/4	0.18	R	RECEPTACLES	20	1	28
29	20	1	JUNCTION BOX	K	1.24	1	2	12	12	3/4	1	2	12	12	3/4	1.00	Ν	HEAT TRACE	20	1	30
31			SPARE				<u> </u>				1	3	10	10	3/4	1.70	L	SITE LIGHTS	30	2	32
33			SPARE			\perp	<u> </u>					Ь—				1.70	L				
35	20	1	HEF-3	K	1.44	1	2	12	12	3/4	1	3	10	10	3/4	1.70	L	SITE LIGHTS	30	2	36
37	20	1	HEF-4	D	0.86	1	2	12	12	3/4	Ļ	<u> </u>	40	40		1.70	<u> </u>		0.0	_	10
39	20	2	MICROWAVE (D20)	D K	0.86 0.85	1	3	12	12	3/4]	3	10	10	3/4	1.70 1.70	L	SITE LIGHTS	30	2	40
	NEC A	RT. 2	220 TOTAL C	ONNE	CTED	N	EC A	RT. 220	FEEDE		N	IEC \	ART. 22	0 FEED	ER			PHASE BALANCE (% OF TOT	AL LOAD)	
	LOAD CA	ATEG	ORY LOAD	(KVA)	·** >	· _	SIZ	ING FA	CTOR	_ =	_	SIZI	NG LOA	AD (KVA	<u>4)</u>			A: 157.1% B: 75.0%	С	68	3.2%
B - F C - S D - C	IOSPITAI IOTEL/MG IPACE CO ITHER H' IPACE HI	OTEL OOLI VAC	. LIGHTING 0 NG* 0 LOADS 4	0.00 0.00 0.00 1.08 0.00				0.00 0.00 0.00 1.00 0.00					0.00 0.00 0.00 4.08 0.00)) 3				BALANCED NEC ART. 220 FEEDER SIZING LOAD (AI X LARGEST UNBALANCED PHA	MPS):	126 x1.	6.5 A. .57
K - K L - G M - N	ITCHEN ENERAL //ISC. CO	APPI LIGI NTIN	LIANCES 3 HTING 1 IUOUS 0	1.64 0.20 0.00				0.65 1.25 0.00					20.3 12.7 0.00	37 75)				TOTAL: + RESERVED FUTURE CAP	ACITY: =		8.8 A. 0.0 A.
	IISC. NO RECEPTA			.80 6.6				1.00 1.00					1.80 6.60					TOTAL UNBALANCED NEC ART, 220 FEEDER SIZING	OAD.	109	8.8 A.
			LIGHTING 0	.00				0.00					0.00)		NEC 1-	_				
	LARGE	ST M		0.00 54.32				0.25					0.00 45.6						MIN. NEC 220 FEEI		

NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. **LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FRD FROM THIS PANEL

O - BREAKER TO BE LOCKABLE IN THE "ON" POSITION		

GENERAL	NOTES:

- 1. PROVIDE A "TYPE" WRITTEN DIRECTORY OF ALL CIRCUITS IN EACH
- 2. ALL EQUIPMENT MOUNTED UNDER THE EXHAUST HOOD SHALL BE CIRCUITED USING SHUNT-TRIP BREAKERS TIED TO THE FIRE SUPRESSION SYSTEM. UPON ACTIVATION OF THE FIRE SUPRESSION SYSTEM, THE EQUIPMENT UNDER THE HOOD SHALL BE DEACTIVATED UNLESS OPTIONAL NCA PANEL IS PROVIDED.
- 3. PROVIDE HACR TYPE CIRCUIT BREAKERS FOR MECHANICAL ROOFTOP UNITS (RTU-X, AND FOR THE WALK-IN COOLER AND FREEZER COMPRESSORS.
- 4. P.O.S. SYSTEM, COMPUTER, PRINTERS, MONITORS, CREDIT CARD MACHINES, AND MODEM SHALL BE ON AN ISOLATED GROUND CIRCUIT.

	REMOTE ROOF MOUNTED PHOTO-ELEC-CONTROL SWITCH (TYP.) FOR (2) SEE WIRING DIAGRAM SHT. E1. TERIOR CIRCUITS				POWER CO SERVICE POLE - SEE SITE CIVIL PLAN FOR LOCATION
TO EXTER PARK'G L 4 - #4/0, THWN, CU # 4 CU GND IN 2 1/2" CONDUIT PANEL "C" H-O-A SELECTOR SWITCHES - CONTROLS FOR LTG CONTACTORS LOCATED AT SW STATION NEAR OFFICE AREA.	PANEL SIGN CIR PANEL SIGN CIR PANEL "B" 30 KAIC 4 - #4/0, THWN, CU # 4 CU GND IN 2 1/2" CONDUIT TO EXTERSIGN CIR FOR SIGN CIR 30 KAIC 20 RU 4 - #50 # 1/0 GND # 1/0	TUESS ITEMS ONLY	WHERE AVAILBLE DIA. 2 ROD.	W (T	IA CT CABINET POINT AND TERMINATE OWER CO REQMT'S. GS FOR LOCATION

SE MC	S NUMBER: RVED FROM DUNTING: MARKS:		AMPERE RATING: MAIN TYPE: MAII LUG OPTIONS:	225 N BREAKER	VOLTAGE (L-L): VOLTAGE (L-N):	208 120	PHASE: WIRE: MIN. KAIC:	3 4 30	
CKT	CIRCUIT BRKR L	OAD DESCRIPTION	C LOAD BRANCH C	IRCUIT BR	RANCH CIRCUIT HASE/ GND MIN	OADO	LOAD DESCRIPT		CIRC

*NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. **LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FRD FROM THIS PANEL 📗

PANEL "C"

PANEL "DP"

C LOAD BRANCH CIRCUIT BRANCH CIRCUIT LOAD O NOT BETWEEN THE BRANCH CIRCUIT BRANCH

MAIN TYPE: MAIN BREAKER VOLTAGE (L-N): 120

VOLTAGE (L-L): 208

PHASE: 3

WIRE: 4

MIN. KAIC: 30

0 3/4 2.08 N INSTANT WATER HEATER

2.08 N

0.62 K

3/4 | 5.58 | C | RTU-2

1 7.40 C RTU-3

MIN. NEC ART. 220 REQUIRED

1 | 4.75 | K | CHUB WARMER (D81)

10 | 3/4 | 5.58 | C | RTU-1

5.58

NEC ART, 220 FEEDER

SIZING LOAD (KVA)

0.00

67.44

12.75

12 | 3/4 | 0.62 | K | WALK IN COOLER

12 | 3/4 | 0.65 | K | WALK IN FREEZER

LOAD DESCRIPTION | BRKR | CKT

PHASE BALANCE (% OF TOTAL LOAD)

BALANCED NEC ART. 220

TOTAL UNBALANCED

OVERCURRENT PROTECTION: 125 A 220 FEEDER SIZE:

NEC ART. 220 FEEDER SIZING LOAD: 117.3 A

OVERCURRENT PROTECTION: 600A 220 FEEDER SIZE:

A: 113.4% B: 99.8% C: 87.0%

FEEDER SIZING LOAD (AMPS): 483.1 A.

X LARGEST UNBALANCED PHASE %: x1.13

+ RESERVED FUTURE CAPACITY: + 0.0 A.

NEC ART. 220 FEEDER SIZING LOAD: 548.3 A.

MIN. NEC ART.

CIRCUIT

TRIP P

600

AMPERE RATING:

LUG OPTIONS:

K 2.00

K 2.00

K 2.00

X 13.61

X 12.27

X 10.22

X 8.99

X 9.42

X 20.22

X 18.57

X 10.44

K 0.16

K 0.16

LOAD (KVA)***

0.00

50.00

5.68

0.00

103.76

17.13

2.28

15.50

0.00

TOTAL CONNECTED NEC ART, 220 FEEDER

SIZING FACTOR

BUS NUMBER: 110

MOUNTING:

TRIP P

REMARKS:

CKT CIRCUIT

|| NO. |

SERVED FROM: MAIN

SURFACE

CONVECTION OVEN (B10)

INSTANT WATER HEATER

COOLER EVAPORATOR

SPARE

PANEL A

PANEL B

PANEL C

NEC ART. 220

B - HOTEL/MOTEL LIGHTING

LOAD CATEGORY

A - HOSPITAL LIGHTING

C - SPACE COOLING*

H - SPACE HEATING

D - OTHER HVAC LOADS

K - KITCHEN APPLIANCES

N - MISC. NONCONTINUOUS

W - WAREHOUSE LIGHTING

LARGEST MOTOR **

O - BREAKER TO BE LOCKABLE IN THE "ON" POSITION

L - GENERAL LIGHTING

M - MISC. CONTINUOUS

R - RECEPTACLES

CONVECTIONAL OVEN (B10) K 2.00

BRKR LOAD DESCRIPTION

CKT NO.	CIRCI		LOAD DESCRIPTION	CODE	LOAD	B S	RAN PH	NCH (ASE/	CIRCU	TIL NIM	S	BR/ PH	NCH ASE/	CIRC	MIN	LOAD KVA	000	LOAD DESCRIPTION	CIRCI BRK	_	CK
NO.	TRIP	Р		E	KVA	T S	NO NE	UT. SIZE	SIZE	CNE SIZE	S	NO NO	EUT. SIZE	SIZE	CND SIZE	KVA	E		TRIP	Р	NC
1	125	2	(H10.3PD) LOAD CENTER	K K	8.87 8.87	1	3	1	1	1-1/2	2 1	3	10	10	3/4	1.95 1.95	K K	HEAT AND HOLD (F15.1)	25	2	2
5	20	2	FRYER (A10.U3)	K K	0.72. 0.72	1	2	12	12	3/4								SPARE SPARE	20 20	1	6 8
9	20	1	SPARE								1	2	12	12	3/4	1.35	L	LIGHTING	20	1	10
11	20	1	SPARE								1	2	12	12	3/4	1.20	Κ	GREASE COLLECTION SYS.	20	1	12
13	20	1	SPARE															SPARE	20	1	14
15	20	1	SPARE								1	2	12	12	3/4	1.20	Ν	HEAT TRACE	20	1	16
17	20	1	SPARE															SPARE	20	1	18
19		1	SPACE ONLY															SPACE ONLY		1	20
21	20	2	MICROWAVE (D20)	K K	0.85 0.85	1	3	12	12	3/4	1	3	12	12	3/4	1.24 1.24	K K	ICE MACHINE (K10)	20	2	22
25	20	1	HAND DRYER (D83)	N	1.5	1	2	12	12	3/4	1	3	12	12	3/4	1.24	Κ	ICE MACHINE (K10)	20	2	26
27	20	1	FRYER (A10.U3)	K	1.44	1	2	12	12	3/4						1.24	Κ				ł
29		1	SPACE ONLY								1	3	10	10	3/4	2.25	K	HOT WATER DISP. (D70)	30	2	30
31	20	1	FRYER (A24U.2)	K	1.44	1	2	12	12	3/4						2.25	K				ł
33		1	SPACE ONLY															SPARE	20	1	34
35	30	2	HOT WATER DISP. (D70)	K	2.25	1	3	10	10	3/4								SPARE	20	1	36
				K	2.25													SPARE	20	1	38
39	20	2	HEAT LAMPS	K	0.43	1	3	12	12	3/4								SPARE	20	1	40
				K	0.43						1	2	12	12	3/4	1.50	Ν	HAND DRYER (D83)	20	1	42
	NEC A					χ NI -		RT. 220 ING FA	FEEDI CTOR	ER -			ART. 22 NG LO <i>l</i>					PHASE BALANCE (% OF TOT A: 123.3% B: 113.2%		63	3.7%
B - F		OTEL	LIGHTING 0.	00 00				0.00 0.00					0.00 0.00)				BALANCED NEC ART. 220			
D - 0	SPACE C	VAC	LOADS 1.0	00 00				0.00					0.00)				FEEDER SIZING LOAD (AI X LARGEST UNBALANCED PHA			1 A. 23
K-k		APP	LIANCES 43	00 3.68				0.00 0.65 1.25					0.00 28.3 1.68	39				TOTAL:	A CITY:		7.3 A
M - I	SENERAL MISC. CC MISC. NO	NTIN	UOUS 0.	00 20				0.00 1.00					0.00 4.20)				+ RESERVED FUTURE CAP TOTAL UNBALANCED	ACH Y: =	+ 1	J.U /
	DECEDIA			Ω				0.00					0.00					NEC ART 220 FEEDER SIZING			

0.00

*NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. **LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FRD FROM THIS PANEL O - BREAKER TO BE LOCKABLE IN THE "ON" POSITION

R - RECEPTACLES

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W - WAREHOUSE LIGHTING

LARGEST MOTOR **

0.00

0.00

0.00

0.25

ARCHITECTURAL ENGINEERING CONSULTANTS, LLC. ——

PANEL "B"

BRANCH CIRCUIT | BRANCH CIRCUIT

MAIN BREAKER VOLTAGE (L-N): 120

K 0.18 | 1 | 2 | 12 | 12 | 3/4 | 1 | 2 | 12 | 3/4 | 1.80 | N | DRIVE THRU WINDOW

NEC ART. 220 FEEDER

SIZING LOAD (KVA)

0.00

0.00

10.80

0.00

N 0.10 1 2 12 12 3/4 SPARE

NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. **LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FRD FROM THIS PANEL

VOLTAGE (L-L): 208

 1
 2
 12
 12
 3/4
 1.21
 L
 DINING LIGHTS
 20

 1
 2
 12
 12
 3/4
 0.56
 L
 KITCHEN AND BATH LIGHTS
 20

 1
 2
 12
 12
 3/4
 0.36
 R
 TELE. TERMINAL BOARD
 20

 1
 2
 12
 12
 3/4
 0.36
 R
 RECEPTACLES OFFICE
 20

 1
 2
 12
 12
 3/4
 0.72
 R
 MUSIC / SOUND
 20

 1
 2
 12
 12
 3/4
 0.72
 R
 COMPUTER EQUIPMENT
 20

 1
 2
 12
 12
 12
 12
 12
 12
 12

 1
 2
 12
 12
 3/4
 0.36
 R
 STOREFRONT RECEPTACLES
 20
 1
 24

 1
 2
 12
 12
 3/4
 0.54
 R
 STOREFRONT RECEPTACLES
 20
 1
 26

PHASE: 3

WIRE: 4

MIN. KAIC: 30

LOAD DESCRIPTION BRKR

PHASE BALANCE (% OF TOTAL LOAD)

BALANCED NEC ART. 220

TOTAL UNBALANCED

OVERCURRENT PROTECTION: 90 A 220 FEEDER SIZE:

MIN. NEC ART. 220 REQUIRED

A: 107.2% B: 94.3% C: 98.8%

FEEDER SIZING LOAD (AMPS): 79.8 A.

X LARGEST UNBALANCED PHASE %: ____x1.07

+ RESERVED FUTURE CAPACITY: + 0.0 A.

NEC ART. 220 FEEDER SIZING LOAD: 85.6 A.

MIN. NEC ART.

CIRCUIT

TRIP P

20 | 1 | 16

AMPERE RATING: 225

MAIN TYPE:

| KITCHEN AND SALES LIGHTS | L | 0.41 | 1 | 2 | 12 | 12 | 3/4 |

20 1 POS SYSTEM (FRONT CNTR) R 1.44 1 2 12 12 3/4

LOAD (KVA)***

0.00

2.28

11.60

0.00

TOTAL CONNECTED NEC ART, 220 FEEDER

SIZING FACTOR

0.00

0.65

1.25

LUG OPTIONS:

BUS NUMBER: 150

SERVED FROM: DP

NO. BRKR LOAD DESCRIPTION

13 | 20 | 1 | SODA DISPENSER (K34)

20 | 2 | PYLON SIGN

NEC ART. 220

B - HOTEL/MOTEL LIGHTING

LOAD CATEGORY

A - HOSPITAL LIGHTING

D - OTHER HVAC LOADS

K - KITCHEN APPLIANCES

L - GENERAL LIGHTING

N - MISC. NONCONTINUOUS

W - WAREHOUSE LIGHTING

LARGEST MOTOR **

O - BREAKER TO BE LOCKABLE IN THE "ON" POSITION

M - MISC. CONTINUOUS

C - SPACE COOLING*

H - SPACE HEATING

R - RECEPTACLES

SURFACE

ROOF RECEPTACLES

KITCHEN LIGHTS - NL

TEA BREWER (K71)

VIDEO MONITORS

SECURITY SYSTEM

DINING LIGHTS

MENU BOARD (Q11)

MOUNTING:

TRIPP

REMARKS:

CKT CIRCUIT

P.O. Box 94798 - North Little Rock, AR 72190 501.379.9693 Phone - 501.379.9712 Fax AEC Job #: 1501.19.002

BOR(

DATE:

PROJECT NUMBER:

PLOT DATE:

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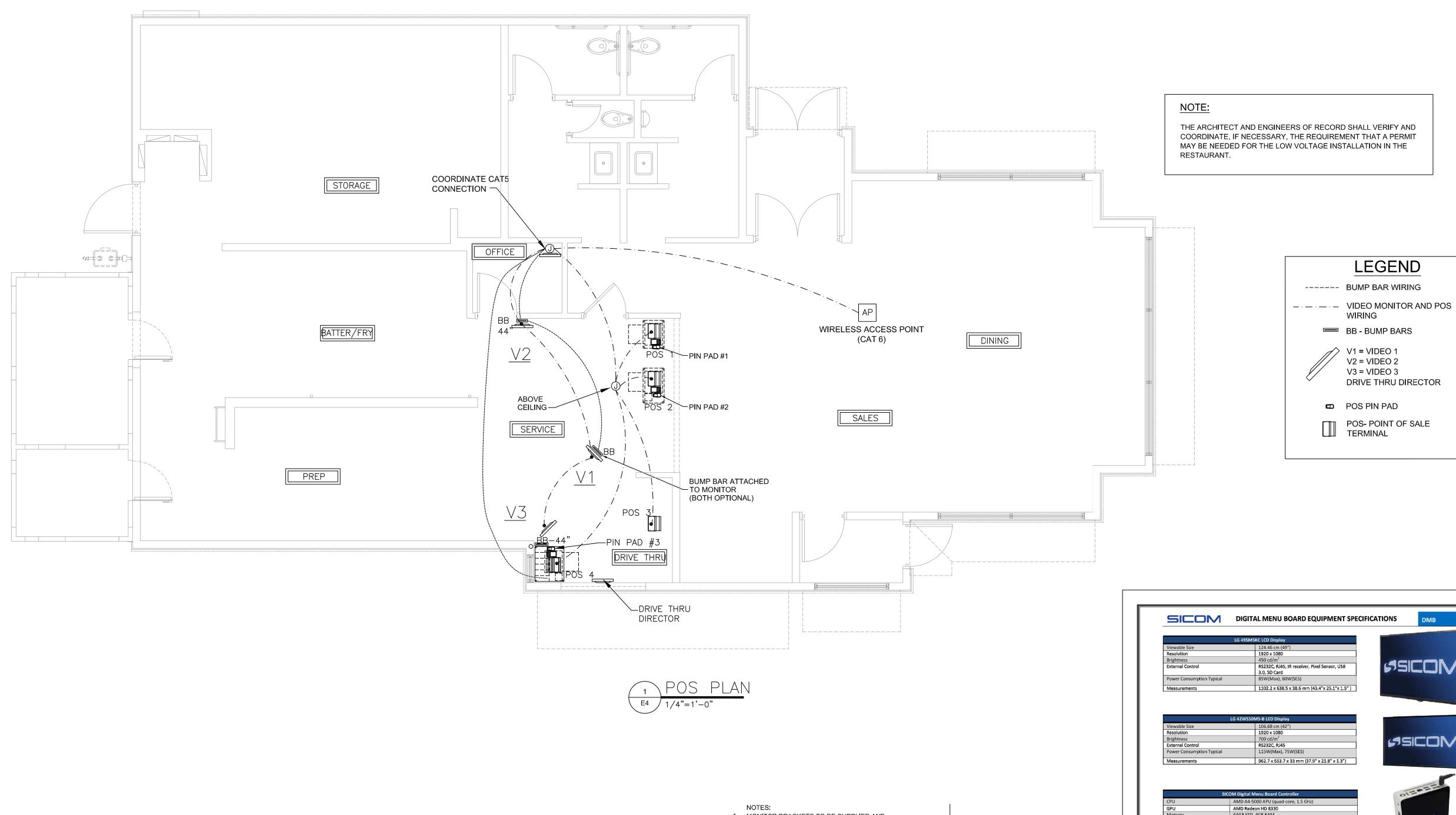
SHEET TITLE: POINT OF SALE PLAN

PLOT DATE:

REVISION & DATE:

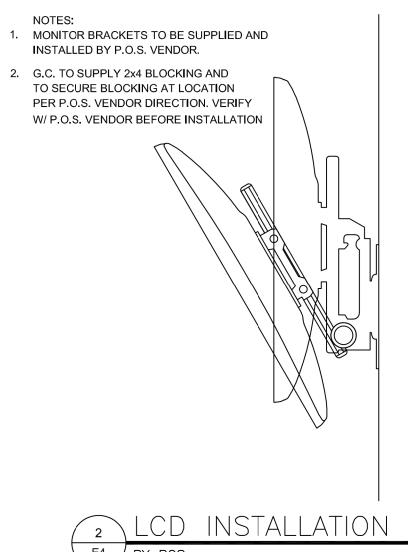
SHEET NUMBER:

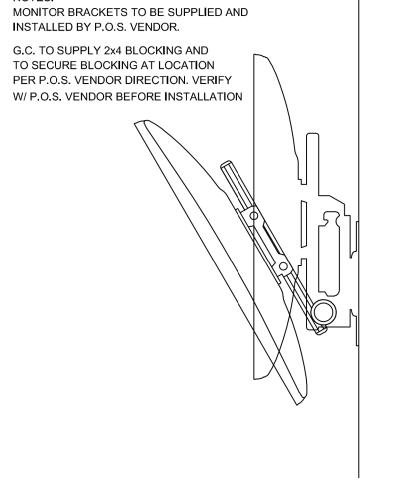




REGISTER CONNECTIONS

- CABLES SHALL BE COAX.
- 2. BUMP BARS SHALL BE MOUNTED TO DELIVERY SYSTEM AT AREAS MARKED "BB".
- 3. BUMP BAR CABLES SHALL BE RUN THROUGH DELIVERY SYSTEM FROM MOUNT UP THROUGH WALLS TO ABOVE THE CEILING AND BACK TO THE MANAGER STATION.
- 4. REFER TO THE ELECTRICAL SHEETS AND A13 FOR THE INSTALLATION LOCATIONS FOR THE J-BOXES
- 5. CRT MONITORS SHALL BE MOUNTED ON CEILING BRACKETS PROVIDED BY REGISTER SYSTEM.
- 6. WHERE CABLING IS INSTALLED IN WALLS, IT SHALL BE ROUTED IN A 1" CONDUIT THROUGH WALL TO ABOVE ACCESSIBLE CEILING.





4434 Progress Meadow Drive. Doylestown. PA. 18902 | SICOM Systems Inc.

Can operate as a Stand-alone DMB system for any POS.

LAN w/ 2 dedicated IPs per DMB

High-Speed Internet connection w/ Port forwarding for Open VPN; port 1194

Example: 4 Screen Req. 8 IP Addresses

 Switch Fabric
 3.2Gbps forwarding capacity

 Network Ports
 16 auto speed-sensing UTP ports

 Power Consumption
 12V DC, 1.5A, 18W

 Measurements
 2.7 cm x 28.7 cm x 10.3 cm (1.1" x 11.3" x 4.1")

(4) NEMA 5-15P (Surge Protection)



AEC Job #: 1501.19.002

LEGEND

WIRING

V3 = VIDEO 3

DRIVE THRU DIRECTOR

SSICOM

SSICOM



RESTAURANT TO BASE OF LIGHT POLE & MOUNT JUNCTION BOX 15' ABOVE FINISHED PAVEMENT ON

OUTDOOR CAMERAS

A-1 : DRIVE THRU WINDOW AND CAR STACK A-2: SECONDARY, SINGLE ENTRY DOOR A-3: MAIN DOUBLE ENTRY DOOR A-4: REAR ENTRY DOOR A-5: ORDER CONFIRMATION BOARD AT DRIVE THRU

INDOOR CAMERAS

INDOOR CEILING MOUNT IN TINTED DOME.

FASTEN SCREW IN CEILING FOR DOMES SO NOT EASILY DROPPED OUT OF TILE. B-1: DINING ROOM AREA, H-COUNTER B-2 : DINING ROOM AREA. H-COUNTER B-3: FRONT SALES COUNTER FROM DINING ROOM

B-4 : CONDIMENT AREA, H-COUNTER B-5: FRONT SALES COUNTER FROM PRODUCTION COUNTER B-6 : DRIVE THRU B-7: PREPARATION AREA TOWARDS REAR OF BUILDING B-9: BATTER / FRY AREA TOWARDS REAR OF BUILDING B-10: REAR DOOR FROM STORAGE AREA

B-11: STORAGE AREA FROM REAR DOOR B-12: WALK-IN COOLER (OPTIONAL) B-13: WALK-IN FREEZER (OPTIONAL)

BAC- BURGLAR ALARM CONTROL-VISTA 20SEUL

OFFICE AREA

F-MONITOR:

QUICK REFERENCE SHEETS

ALARM INSTRUCTION SHEET TO BE MOUNTED ON WALL IN EMPLOYEE ONLY AREA CLOSEST TO KEYPAD OR IN OFFICE AREA PER CUSTOMER INSTRUCTION.

FOR LOCATIONS WITH 6 OR MORE CAMERAS: ADD MULTIPLEXER. LTC 2641/60-PLACE ON SECURITY LOCK FOR NO TAMPER

HUB: HOLD UP BUTTON 441494 SERIES LATCHING HUB.

FOR LOCATIONS WITH 4 CAMERAS OR LESS: ADD VIDQUAD 4 CHANNEL LTC 2272/60

MANAGER AREA-36" AFF OUT OF SITE FROM FRONT COUNTER. DRIVE-THRU WINDOW-18" AFF & OUT OF SITE FROM OUTSIDE.

FRYER/PREP AREA

SL: STROBE LIGHT - AS SL-401B-BLUE STROBE MOUNT BEHIND MENU BOARD, IT WILL FLASH CONTINUOUSLY WHILE BACK DOOR IS OPEN.

 $A-4 \overline{\Delta}$

B-12(opt)

B_-13(opt)

S: SOUNDER-AS-PAL328N-LOW TONE SOUNDER MOUNT WITH STROBE BEHIND MENU BOARD, IT WILL SOUND WHEN BACK DOOR IS OPENED, MANAGER WILL SILENCE ST SOUNDER AT KEYPAD AFTER 1

MD: MOTION DETECTOR-AP 669 PIR-360 MOTION MOUNT IN STOVE AREA TO GET AREA FROM DRIVE-UP WINDOW AND GENERAL REAR AREA.

LOBBY/PERIMETER AREA/BACK OF HOUSE

FG 1025 GLASS BREAK-LOBBY GLASS ONE EACH SIDE OF BUILDING SEE DRAWING FOR DEVICE

PLACEMENT

BACK DOOR CONTACT TO ACT AS ALARM POINT FOR BACK DOOR ALARM-24 HOUR LOCATION POINT-SOUNDER & BLUE STROBE TO ACTIVATE WHEN BACK DOOR IS OPEN 3050CT SERIES LATCHING HUB IN COOLER/FREEZER-MOUNT 18" AFF ON HINGE SIDE OF DOOR,

STUB UP CONDUIT TO PROTECT WIRING FROM CONDENSATION/DAMAGE NO DRIP LOOP AT HUB

POC: POINT OF CONNECTION TO NKL SAFE-PIGTAIL PROVIDED BY NKL SAFE

POPEYES ADD ON MODIFICATION NAMES AND PHONE NUMBERS

INSTALLER PLEASE CONTACT YOUR SECURITY AND ALARM SYSTEM VENDOR FOR ANY ADD-ONS OR MODIFICATIONS TO YOUR JOB. THEY WILL CONTACT THE NATIONAL ACCOUNT MANAGER FOR APPROVALS/PAPERWORK.

CONTACT THE NATIONAL ACCOUNT MANAGER. POPEYES PROBLEM RESOLUTION NAMES & PHONE NUMBERS

KEY PAD-MOUNT 40" AFF

B4039 CONTACT-ALL EXTERIOR DOORS

NCCC PROJECT COORDINATOR: PHONE NUMBER:

NATIONAL ACCOUNT MANAGER:

NEW INSTALLS/NEW CONSTRUCTION MANAGER EXISTING SITES/RENOVATION PROJECTS/FACILITIES MANAGER LOSS PREVENTION DIRECTOR:

STORAGE

PREP

D B-7

SN

POPEYES INSTALLATION ACCEPTANCE FORM/CHECKLIST

FOR INSTALL SITE MODIFICATIONS IE/DEVICE PLACEMENT CHANGES FROM BLUEPRINT, HAVE CUSTOMER INITIAL MODIFY PER SITE OPTION TO SHOW APPROVAL CAMERAS

A-CAMERA: FOR LOCATIONS WITH OUTDOOR CAMERAS OUTDOOR POLE MOUNT 15' ABOVE FINISHED PAVEMENT YES_____ N/A____ MODIFY PER SITE_____

GROUND ISOLATION TRANSFORMERS MODIFY PER SITE_____ YES_____ N/A____

ADT TO RUN CONDUIT INSIDE LIGHT POLES-EC TO RUN CONDUIT FROM RESTAURANT TO BASE OF LIGHT POLE & MOUNT JUNCTION BOX 15' ABOVE FINISHED PAVEMENT ON POLE YES_____ N/A____ MODIFY PER SITE_____ A-1; DRIVE THRU WINDOW AND CAR STACK YES_____ N/A____ MODIFY PER SITE_____

MODIFY PER SITE_____ YES_____ N/A____ A-3: MAIN DOUBLE ENTRY DOOR YES_____ N/A____ MODIFY PER SITE_____

A-2: SECONDARY, SINGLE ENTRY DOOR

A-4: REAR ENTRY DOOR YES_____ N/A____ MODIFY PER SITE_____ A-5: ORDER CONFIRMATION BOARD AT DRIVE THRU

YES_____ N/A____ MODIFY PER SITE____

B-CAMERA: FOR LOCATIONS WITH INDOOR CAMERAS INDOOR CEILING MOUNT IN TINTED DOME YES_____ N/A____ MODIFY PER SITE_____ FASTEN SCREW IN CEILING FOR DOMES SO NOT EASILY DROPPED OUT OF TILE

YES_____ N/A____ MODIFY PER SITE____ B-1: DINING ROOM AREA, H-COUNTER

YES_____ N/A____ MODIFY PER SITE_____ B-2: DINING ROOM AREA, H-COUNTER YES_____ N/A____ MODIFY PER SITE_____

B-3: FRONT SALES COUNTER FROM DINING ROOM YES_____ N/A____ MODIFY PER SITE_____

B-4: CONDIMENT COUNTER, H-COUNTER AREA YES_____ N/A____ MODIFY PER SITE____ B-5: FRONT SALES COUNTER FROM PRODUCTION COUNTER

YES_____ N/A____ MODIFY PER SITE_____ B-6: DRIVE THRU YES_____ N/A____ MODIFY PER SITE_____ B-7: PREPARATION AREA TOWARDS REAR OF BUILDING MODIFY PER SITE____

SERVICE

DRV-THRU

SALES

A - 1

B-8: OFFICE N/A_____ MODIFY PER SITE____ B-9: BATTER FRY AREA TOWARDS REAR OF BUILDING

YES_____ N/A____ MODIFY PER SITE_____ B-10: REAR DOOR FROM STORAGE AREA

YES_____ N/A____ MODIFY PER SITE_____ B-11: STORAGE AREA FROM REAR DOOR YES_____ N/A____ MODIFY PER SITE____

B-12 & B-13: COOLER FREEZER BOXES YES_____ N/A____ MODIFY PER SITE____

E-VCR: LTC 3924 SERIES PLACE ON SECURITY LOCK FOR NO TAMPER

OFFICE AREA D-VCR LOCK BOX: TC3922 SERIES YES_____ N/A____ MODIFY PER SITE_____

YES_____ N/A____ MODIFY PER SITE_____ QUICK REFERENCE SHEETS

ALARM INSTRUCTION SHEET TO BE MOUNTED ON WALL IN EMPLOYEE ONLY AREA CLOSEST TO KEYPA YES_____ N/A___ MODIFY PER SITE____

VCR INSTRUCTION SHEET(2) 1-REVIEW & 1-RECORD-TO BE MOUNTED ON WALL CLOSEST TO VCR YES_____ N/A____ MODIFY PER SITE_____

FOR LOCATIONS WITH 6 OR MORE CAMERAS: ADD MULTIPLEXER LTC 2641/60-PLACE ON SECURITY LOCK FOR NO TAMPER

YES_____ N/A____ MODIFY PER SITE_____ FOR LOCATIONS WITH 4 CAMERAS OR LESS:

ADD VIDQUAD 4 CHANNEL LTC 2272/60 YES_____ N/A____ MODIFY PER SITE____ HUB: HOLD UP BUTTON 441494 SERIES LATCHING HUB

MANAGER AREA-36" AFF OUT OF SITE FROM FRONT COUNTER YES_____ N/A____ MODIFY PER SITE_____ DRIVE-THRU WINDOW-18" AFF & OUT OF SITE FROM OUTSIDE

/ES_____ N/A____ MODIFY PER SITE____

GB: FG 1025 GI DEVICE PLACE		ASS ONE EACH SIDE OF BUILDING SEE DRAWIN
YES	N/A	MODIFY PER SITE
C: B4039 CONT	ACT-ALL EXTERIOR DO	ORS
YES	N/A	MODIFY PER SITE
		ARM POINT FOR BACK DOOR ALARM-24 HOUR LO ACTIVATE WHEN BACK DOOR IS OPEN
YES	N/A	MODIFY PER SITE
YES	N/A	MODIFY PER SITE
POC: POINT OF	CONNECTION TO NKL	SAFE-PIGTAIL PROVIDED BY NKL SAFE
YES	N/A	MODIFY PER SITE
		MODIFY PER SITE
FRYER/PRI	EP AREA	STROBE MOUNT BEHIND MENU BOARD, IT WILL F
FRYER/PRI SL: STROBE LII CONTINUOUSL	EP AREA GHT-AS SL-401B-BLUE S Y WHILE BACK DOOR IS	STROBE MOUNT BEHIND MENU BOARD, IT WILL F
FRYER/PRI SL: STROBE LII CONTINUOUSL YES S: SOUNDER-A	EP AREA GHT-AS SL-401B-BLUE S Y WHILE BACK DOOR IS N/A S-PAL328N-LOW TONE S WHEN BACK DOOR IS	STROBE MOUNT BEHIND MENU BOARD, IT WILL F S OPEN MODIFY PER SITE SOUNDER MOUNT WITH STROBE BEHIND MENU
FRYER/PRI SL: STROBE LII CONTINUOUSL YES S: SOUNDER-A IT WILL SOUND KEYPAD AFTER	EP AREA GHT-AS SL-401B-BLUE S Y WHILE BACK DOOR IS N/A S-PAL328N-LOW TONE S WHEN BACK DOOR IS	STROBE MOUNT BEHIND MENU BOARD, IT WILL F S OPEN
FRYER/PRI SL: STROBE LIC CONTINUOUSL YES	EP AREA GHT-AS SL-401B-BLUE S Y WHILE BACK DOOR IS N/A S-PAL328N-LOW TONE S WHEN BACK DOOR IS R 1 N/A	STROBE MOUNT BEHIND MENU BOARD, IT WILL F S OPEN MODIFY PER SITE SOUNDER MOUNT WITH STROBE BEHIND MENU OPENED, MANAGER WILL TONE SILENCE SOUN MODIFY PER SITE 860 MOTION MOUNT IN STOVE AREA TO GET ARI

LOBBY/PERIMETER AREA/BACK OF HOUSE

KP: KEYPAD-MOUNT 40" AFF WALL ENTERING KITCHEN AREA FROM LOBBY

POPEYES MATERIAL LIST

5 OR 6 LOCATIONS (LOCATIONS WIOUTDOOR CAMERAS)
2 OR 3 GIT100-GROUND ISOLATION TRANSFORMERS
LTC 0430/20-38 SERIES CAMERA W/ 3.5-8MM VARIFOCAL AUTORIS LENS TC 9340A SERIES OUTDOOR HOUSING TO9211PM POLE MOUNT ADAPTER
BNC CONNECTORS FOR PLENUM CABLE
FLEX CONDUIT FOR OUTDOOR CAMERAS RUN INSIDE POLE FOR CABLING INDOOR CEILING MOUNT IN TINTED DOME NOTE: FASTEN SCREWIN CEILING FOR DOMES SO NOT EASILY DROPPED OUT OF TILE LTC 0430/20-38 SERIES CAMERA W/ 3.5MM-8MM VARIFOCAL AUTORIS LENS

BNC CONNECTORS FOR PLENUM CABLE OFFICE AREA

BAC-BURGLAR ALARM CONTROL: VISTA 20SEUL D-VCR LOCK BOX: TC3922 SERIES E-VCR: LTC 3924 SERIES PLACE ON SECURITY LOCK FOR NO TAMPER F-MONITOR: LTC 2813/60 SERIES
ALTV248: 8 POSITION POWER SUP QUICK REFERENCE SHEETS ALARM INSTRUCTION SHEET TO BE MOUNTED ON WALL IN EMPLOYEE ONLY AREA CLOSEST TO KEYPAD OR IN OFFICE AREA PER CUSTOMER INSTRUCTION VCR INSTRUCTION SHEETS (2) 1-REVIEW & 1-RECORD-TO BE MOUNTED ON WALL CLOSEST TO VCR FOR LOCATIONS WITH 6 OR MORE CAMERAS : ADD MULTIPLEXER LTC 2641/60-PLACE ON SECURITY

FOR LOCATIONS WITH 4 CAMERAS OR LESS: ADD VIDQUAD 4 CHANNEL LTC 2272/60 2-HUB: HOLD UP BUTTON 441494 SERIES LATCHING HUB

STOVE/PREP AREA

SL: STROBE LIGHT-AS SL401B-BLUE STROBE MOUNT BEHIND MENU BOARD, IT WILL FLASH S: SOUNDER-AS-PAL328N-LOW TONE SOUNDER MOUNT WITH STROBE BEHIND MENU BOARD, IT WILL SOUND WHEN BACK DOOR IS OPENED, MANAGER WILL SILENCE ST SOUNDER AT KEYPAD AFTER 1ST

MD; MOTION DETECTOR-AP 669 PIR-360 MOTION MOUNT IN STOVE AREA TO GET AREA FROM DRIVE-UP LOBBY/PERIMETER AREA/BACK OF HOUSE

KP: KEYPAD-MOUNT 40" AFF WALL ENTERING KITCHEN AREA FROM LOBBY 2-GB; FG 1025 GLASS BREAK-LOBBY GLASS ONE EACH SIDE OF BUILDING SEE DRAWING FOR DEVICE 3 OR 4-C: B4039 CONTACT-ALL EXTERIOR DOORS BACK DOOR CONTACT TO ACT AS ALARM POINT FOR

BACK DOOR ALARM-24 HOUR LOCAL POINT-SOUNDER & BLUE STROBE TO ACTIVATE WHEN BACK DOOR

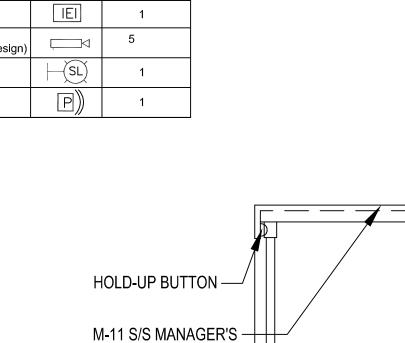
1 OR 2-HUB: 3050CT SERIES LATCHING HUB IN COOLER/FREEZER-MOUNT 18" AFF ON HINGE SIDE OF 1-POC: POINT OF CONNECTION TO NKL SAFE-PIGTAIL PROVIDED BY NKL SAFE RELAYS FOR BACK DOOR/POC/ZONE EXPANSION

SYMBOL LEGEND SYMBOL QTY. QTY. DEVICE DEVICE SYMBOL 13 DOOR CONTACT (c) Dome 14" Monitor HORN/SOUNDER SN DIGITAL VIDEO RECORDER CONTROL PANEL CP DVR KEY PAD KP IEI KEYPAD IEI EXTERIOR DOME CAMERA MOTION DETECTOR (Additional camera for dual drive-thru order design) (CEILING MOUNT) \bigcirc GB \bigcirc STROBE LIGHT GLASS BREAK HOLD UP BUTTON (ullet)PIEZO (Additional button for 2nd drive-thru window design)

GB

DINING

A-2



DESK



2'-6"

VERIFY LOW VOLTAGE PERMIT REQUIREMENTS

ELECTRICAL REQUIREMENTS

ELECTRICAL SUPPLY ALL 120 VAC FOR CAMERA SYSTEM AND BURGLAR ALARM

SUPPLY 120 VAC FOR ALL CCTV HEAD END EQUIPMENT. SUPPLY 120 VAC FOR BURGLAR ALARM PANEL. FOR OUTDOOR CAMERAS ALL TRENCHING, CONDUIT AND PULL STRINGS, AS WELL

SECURITY CO. SUPPLY AND INSTALL ALL SECURITY EQUIPMENT RUN ALL LOW VOLTAGE CABLE FOR THE SECURITY SYSTEM. SET UP, TEST AND TRAIN ON CCTV AND BURGLAR ALARM SYSTEMS. SPECIFY ALL LOCATIONS OF DEVICES.



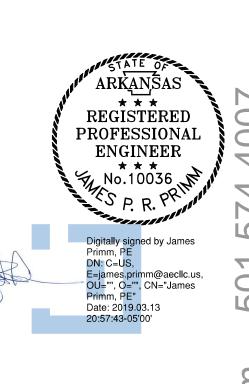


SHEET NUMBER: **E5**

SECURITY PLAN P.O. Box 94798 - North Little Rock, AR 72190 501.379.9693 Phone - 501.379.9712 Fax AEC Job #: 1501.19.002 Xref.\PLK 1846_TB.dwg

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18-015

CEILING EXHAUST

BUILDING

<u>ENVELOPE</u>

WALL - SIMULATED STONE FINISH - U-VALUE = 0.078 WALL - E.F.I.S. FINISH - U-VALUE = 0.080

WALL - SIMULATED STONE FINISH 75 FT. SQ. WALL - E.F.I.S. FINISH - 291 FT. SQ.

WALL - SIMULATED STONE FINISH - 17 FT. SQ. WALL - E.F.I.S. FINISH - 442 FT. SQ.

WALL - SIMULATED STONE FINISH - 183 FT. SQ. WALL - E.F.I.S. FINISH - 749 FT. SQ.

WALL - SIMULATED STONE FINISH - 165 FT. SQ. WALL - E.F.I.S. FINISH - 714 FT. SQ.

WINDOW GLASS - U-VALUE WINTER = 0.29 WINDOW GLASS - U-VALUE SUMMER= 0.27

<u>FRONT</u> WINDOW GLASS - 99 FT. SQ.

REAK WINDOW GLASS - 0.0 FT. SQ.

<u>LEFT SIDE</u> WINDOW GLASS - 123 FT. SQ.

RIGHT SIDE WINDOW GLASS - 68 FT. SQ.

SINGLE PLY POLYVINYL-CHLORIDE ROOFING W/ TWO SHEETS DURO-GUARD ISO II (FLAT), 2 PLIES ATLAS FR-10 ON 1/2" PLYWOOD ROOF DECK. R-VALUE 30 (MIN)

TOTAL ROOF AREA - 2,030 FT. SQ.

GLASS - U-VALUE = 0.45 STEEL W/PAPER HONEY CONE CORE U-VALUE= 0.45

FLOOR

R-VALUE = 15

SLAB ON GRADE W/ 3" RIGID INSULATION U-VALUE = 0.0667

SLAB ON GRADE TOTAL FLOOR AREA - 2.143 FT. SQ.

FLOOR PERIMETER - 212 FT.

EXHAUST HOOD DUCT NOTES (BY G.C.)

- 1. FRYER EXHAUST DUCTWORK ARE SIZED TO MAINTAIN A MINIMUM 1660 FPM EXHAUST AIR VELOCITY. ALL GREASE EXHAUST DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH NFPA-96. GREASE EXHAUST DUCTWORK SHALL HAVE ALL SEAMS, JOINTS AND PENETRATIONS SEALED LIQUID TIGHT.
- 2. ALL HORIZONTAL RUNS OF GREASE DUCT, EXHAUST AND CONDENSATE SHALL SLOPE BACK TOWARD THE HOOD, GRILLE OR DRAIN AT A SLOPE OF 1" PER FOOT.
- 3. THE MECHANICAL CONTRACTOR IS TO PROVIDE CLEANOUTS, AS REQUESTED PER DETAIL ON M5 SHEET.
- 4. THE DISCHARGE OF THE GREASE EXHAUST FAN SHALL BE UPWARD AND A MINIMUM OF 40" ABOVE THE ROOF SURFACE AND A MINIMUM OF 10' FROM ANY
- 5. ALL GREASE EXHAUST DUCTS SHALL HAVE RADIUSED ELBOWS. EXHAUST DUCT
- 6. GREASE EXHAUST DUCT SHALL BE CARBON STEEL 16 GAUGE WELDED DUCTS PER NFPA-96 PROTECTED WITH THE FOLLOWING: 1" AIR SPACE FROM DUCT TO 22 GA SHEET METAL COVERED WITH 1" MINERAL WOOL AND WIRE MESH SECURED TO COMBUSTIBLES WITH 1" NON COMBUSTIBLE SPACERS TO REDUCE CLEARANCE TO COMBUSTIBLES TO 3" PER NFPA 96 A-1-3.2.

OPTIONAL COMBUSTIBLE PROTECTION: USE FIRE MASTER GREASE DUCT FIRE PROTECTION SYSTEM BY "THERMAL CERAMICS" WHICH OFFERS ZERO CLEARANCE TO COMBUSTIBLE & 2 HR. RATING.

EXHAUST HOOD NOTES

1. THE FOLLOWING EQUIPMENT SHALL BE SUPPLIED BY OWNER AND INSTALLED BY THE HVAC CONTRACTOR. 1.1. STAINLESS STEEL HOODS AS SPECIFIED PRE PIPED FOR FIRE PROTECTION SYSTEM, CEILING CLOSURE STRIP, AND ALL

- 2. THE HVAC CONTRACTOR SHALL RECEIVE THE ABOVE EQUIPMENT UNCRATE, BE RESPONSIBLE FOR REPORTING DAMAGE RECEIVED DURING SHIPMENT, AND BE RESPONSIBLE FOR LOSS OR DAMAGE TO THE ABOVE EQUIPMENT ONCE RECEIVED ON THE JOB.
- 3. EXHAUST HOODS PROVIDED WILL MEET OR EXCEED THE FOLLOWING REQUIREMENTS, OR AS BY THE ACTIONABLE CODE:
- 3.1. NSF # 1362 BEAR THE NSF SEAL OF APPROVAL
- U.L. CLASSIFICATION # 24N1

EXHAUST FANS AND CURBS.

- 3.3. MEET OR EXCEED NFPA # 96, 1998 EDITION 3.4. 2006 IMC
- 4. THE MECHANICAL ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING A SET OF SHOP DRAWINGS FROM THE HOOD MANUFACTURER. THE ENGINEER SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY LOCAL CODES WHICH WILL AFFECT THE HOOD MANUFACTURE OR INSTALLATION.
- 5. THE HOOD MANUFACTURER SHALL PROVIDE PRE-PIPED AUTOMATIC FIRE CONTROL SYSTEMS FOR THE FRYER HOOD INCLUDING FIRE CONTROL CABINETS - AND FURNISH A 2 POLE MICRO SWITCH FURNISHED FOR EQUIPMENT SHUT OFF. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL INSTALLATION AND INSPECTIONS OF THE HOOD EXHAUST SYSTEM HOOD EXTINGUISHING SYSTEM BY CERTIFIED FIRE SUPPLY CONTRACTOR.
- 6. THE PLUMBING CONTRACTOR SHALL INSTALL THE MECHANICAL GAS VALVE IN ACCORDANCE WITH THE APPLICABLE CODES. THE VALVE SHALL BE PROVIDED BY PLUMBING CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING IN ACCORDANCE WITH THE "HOOD WIRING DIAGRAM" SHEET AS DIRECTED BY THE ELECTRICAL ENGINEER.
- 8. MANUAL PULL STATION SHALL BE PROVIDED BY HOOD CONTRACTOR AND INSTALLED BY FIRE SUPPLY CONTRACTOR.

REGIONAL COORDINATION

MAKE-UP AIR FOR THE FRYER HOOD SHALL BE INDUCED THROUGH THE HVAC SYSTEMS, AS LONG AS THE OUTSIDE AIR QUANTITIES DO NOT EXCEED 25% OF THE HVAC SYSTEM CAPACITIES. IF ADDITIONAL MAKE-UP AIR IS REQUIRED. THE ENGINEER SHALL CONTACT THE HOOD MANUFACTURER TO DESIGN AN ADDITIONAL TEMPERED OR NON-TEMPERED MAKE-UP AIR SYSTEM, DEPENDING ON REGIONAL WEATHER REQUIREMENTS.

SECTION 15B - HEATING, VENTILATION, AIR

CONDITIONING AND REFRIGERATION

GENERAL PROVISIONS

- 1. SCOPE: PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE ACCOMPANYING DRAWINGS TO PROVIDE A COMPLETE AND PROPERLY OPERATING HEATING, VENTILATING, AIR CONDITIONING. REFRIGERATION SYSTEMS BY OTHERS. WORK UNDER THIS SECTION INCLUDES, BUT IS NOT NECESSARILY
- 1.1. FURNISH AND INSTALL THE FOLLOWING: ROOFTOP UNITS AND CURBS, INSULATION, DUCT WORK FOR AIR DEVICES, HVAC CONTROLS AND PROPER LOW VOLTAGE COMPONENTS FOR COMPLIANCE WITH NFPA 96 AND 72.
- INSTALL THE FOLLOWING: EXHAUST FANS, HOODS, AND GREASE RISER. ICE MACHINE AIR COOLED CONDENSER ON ROOF BY OTHERS.
- GENERAL REQUIREMENTS: ALL WORK UNDER THIS CONTRACT SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES. WHERE THESE PLANS AND SPECIFICATIONS ARE IN CONFLICT WITH SUCH CODES, THE CODES SHALL GOVERN. PAY FOR AND OBTAIN NECESSARY CONSTRUCTION PERMITS AND CERTIFICATES OF INSPECTION.

WHERE ENERGY CALCULATIONS ARE REQUIRED, THESE SHALL BE PREPARED BY THE MECHANICAL ENGINEER AT THE DIRECTION OF THE ARCHITECT. A COPY OF THE

CALCULATION SHALL BE FORWARDED TO POPEYES DEVELOPMENT FOR THEIR RECORDS.

COORDINATE WORK WITH OTHER TRADES. LOCATIONS SHOWN ON DRAWINGS ARE

APPROXIMATE. FIELD LOCATE ROOF CURBS BASED ON THE GENERAL DIRECTIONS GIVEN

ON CONSTRUCTION DOCUMENTS.

- MATERIALS AND PERFORMANCE: 1. MATERIALS: ALL MATERIALS SHALL BE NEW AND OF THE QUALITY INDICATED BY THE SPECIFIED BRAND NAMES. SUBSTITUTIONS OF MATERIAL OF EQUAL QUALITY BY OTHER FIRST-LINE MANUFACTURERS MAY BE ACCEPTABLE PROVIDED A LIST OF SUCH SUBSTITUTIONS IS APPROVED IN WRITING BY POPEYES DEVELOPMENT. A SUBSTITUTIONS LIST SHALL BE SUBMITTED IN TRIPLICATE FIVE (5)DAYS BEFORE THE CONTRACT IS TO BE LET.
- NATIONAL ACCOUNTS: ROOFTOP HVAC EQUIPMENT, TOILET EXHAUST FANS, HVAC DUCT SYSTEMS, AND HVAC DIFFUSERS, GRILLS, AND PLENUM BOXES ARE AVAILABLE FROM NATIONAL ACCOUNTS INDICATED ON THE DRAWING COVER SHEET. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH PLANS AND MANUFACTURERS' INSTRUCTIONS. FOR NATIONAL ACCOUNTS INFO REFER TO
- 3. ROUTING OF DUCT SYSTEMS: COORDINATE ROUTING OF DUCT SYSTEMS WITH OTHERS, LINE UP WORK TRUE TO ADJACENT SPACES AND IN A WORKMANLIKE MANNER, AND USE STANDARD RADIUS 90 ELBOWS. WHERE REQUIRED, DUCTWORK IS TO BE STURDILY SUPPORTED AND SEPARATED IN ACCORDANCE WITH ASHRAE & SMACNA STANDARDS.
- DUCTWORK FOR HVAC SYSTEM:

A LICENSED TEST AND BALANCE CONTRACTOR SHALL PROVIDE ALL TOOLS AND TEST EQUIPMENT NECESSARY FOR BALANCING ALL HVAC AND EXHAUST AIR SYSTEMS. A "DIGITAL" ANEMOMETER MODEL DA 4000 WITH A 275 PROBE IS RECOMMENDED FOR MEASURING HOOD EXHAUST.

- 4.1. GENERAL NOTES:
- 4.1.1. VOLUME DAMPERS SHALL BE INSTALLED AT ALL BRANCH RUNOUTS 4.1.2. DUCT DIMENSIONS INDICATED ARE INSIDE DIMENSIONS DIMENSIONS.
- 4.1.3. DUCT WORK SHALL BE BUILT IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
- 4.1.4. DUCT BOARD IS NOT ALLOWED.

- 4.2.1. DUCT WORK SHALL BE CONSTRUCTED OF G-90 GALVANIZED SHEET METAL. 4.2.2. THE GAUGES OF METAL TO BE USED AND THE CONSTRUCTION AND BRACING OF JOINTS SHALL BE IN ACCORDANCE WITH ASHRAE AND SMACNA
- 4.2.3. METAL DUCT SHALL BE SUPPORTED FROM BUILDING STRUCTURE ON STRIP HANGERS NOT OVER 5'-0" APART.

4.3. EXTERNAL S/A, R/A DUCT WRAP:

- 4.3.1. INSULATE EXTERIOR OF ALL S/A, R/A METAL DUCT FITTINGS WITH 2" THICK FIBERGLASS, 3/4 LB.DENSITY, BLANKET INSULATION WITH FOIL BACKING
- 4.3.2. INSULATION SHALL HAVE A FLAME SPREAD OF TWENTY FIVE(25)OR LESS AND A SMOKE DEVELOPED RATING OF FIFTY(50)OR LESS. 4.3.3. INSULATION SHALL BE OWENS-CORNING FRK25 OR EQUAL.
- 4.3.4. INSULATION SHALL BE LIGHTLY LAPPED WITH 2" WIDE VAPOR BARRIER PRESSURE-SENSITIVE TAPE. SEE DETAIL ON M4 SHEET. 4.3.5. DUCT WRAP SHALL BE INSTALLED IN A NEAT AND COMPETENT MANNER WITH
- ALL EDGES COVERED WITH APPROVED METALLIC DUCT TAPE TO VAPOR-PROOF THE ENTIRE DUCT.

4.4. FLEX CONNECTORS/FLEX DUCT:

4.4.1. INSULATION AND VAPOR BARRIERS PRESENT ON ALL FLEX CONNECTORS SHALL BE FITTED OVER THE CORE CONNECTION AND SHALL BE SUPPLEMENTALLY SECURED WITH A DRAW BAND AND TAPED. SEE DETAIL ON M4 SHEET.

- TEMPERATURE SETTINGS: 5.1. AT CONCLUSION OF PROJECT, SET POINTS SHALL BE APPROXIMATELY COOLING 78 DEGREES F/ HEATING 68 DEGREES F, AND INSTRUCT OWNER HOW TO RESET.
- 6.1. CURBS TO BE FURNISHED BY NCA CONSULTANTS AND INSTALLED IN ACCORDANCE WITH DETAILS ON SHEET M2. COORDINATE WITH ROOF CONTRACTOR. RTU'S SHALL BE INSTALLED SUCH THAT ROOF DECK IS CONTINUOUS BENEATH, AND OPEN PLENUM CURBS FLANGE TO FLANGE. SEE M2
- 7. TESTING AND ADJUSTING OF HVAC SYSTEM:
- ADJUSTED AS FOLLOWS: 7.1.1. ADJUST FAN DRIVES TO ACHIEVE REQUIRED AND RATED CFM.
- FROM FANS.
- SUPPORTS AS REQUIRED 7.1.5. CORRECT ANY EQUIPMENT OR COMPONENT WHICH IS GENERATING OBJECTIONABLE NOISE IN THE OPINION OF THE OWNER OR BY LOCAL
- AUTHORITIES. PLANS. REFER TO BUILDING AIR BALANCE SCHEDULE. PROVIDE OWNER AND ENGINEER OF RECORD TWO(2)COPIES OF A WRITTEN

AIR BALANCE REPORT INDICATING ALL FINAL EXHAUST, SUPPLY, AND

- 7.1. UPON COMPLETION OF THE INSTALLATION, THE PROJECT SHALL BE TESTED AND
- ADJUST TEMPERATURE AND FAN CONTROL SEQUENCE. 7.1.3. ADJUST THE ENTIRE INSTALLATION AS TO MINIMIZE NOISE AND VIBRATION 7.1.4. ELIMINATE ANY DUCT PULSATION BY USE OF STIFFENERS OR ADDITIONAL
- 7.1.6. BALANCE EXHAUST AND OUTSIDE AIR TO QUANTITIES INDICATED ON THE
- 10. THIS CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND
 - OTHER TRADES, ALL REQUIRED OPENINGS, WALLS AND ROOFS SHALL BE DESIGNED INTO THE STRUCTURE INITIALLY BY THE USE OF SLEEVES, CURBS, ETC. CUTTING AND PATCHING SHALL BE HELD TO A MINIMUM.
 - 11. THERMOSTATS SHALL BE LOCATED GENERALLY AS SHOWN BUT THEIR EXACT LOCATION SHALL BE FIELD COORDINATED TO AVOID NTERFERENCE WITH WALL MOUNTED ITEMS. MOUNT 54" AFF.
 - 12. MECHANICAL CONTRACTOR TO INSULATE BACKSIDE OF ALL DIFFUSERS.
 - ALL DAMAGED COIL FINS SHALL BE COMBED STRAIGHT.

8. PIPING TO BE HERMETICALLY SEALED.

OVER TO THE OWNER.

13. HVAC OPERATOR'S MANUAL AND DIAGRAMS:

THE FOLLOWING PROCEDURE:

ALL EXTENDED WARRANTIES.

SALT WATER BODY.

15. SERVICE ACCESS::

WIRING IN RACEWAY IN EQUIPMENT IF PROVIDED.

9. CONTROLS: FURNISH AND INSTALL AS INDICATED ON DRAWINGS. FURNISH AND

INSTALL ALL CONTROL WIRING AND CABLES FROM HVAC UNITS, TEMPERATURE

SENSORS, PHOTOCELL, AND CONTRACTOR PANEL IF USED. ROUTE CONTROL

ACCORDANCE WITH THE PLANS AND MANUFACTURER'S INSTALLATION

INSTRUCTIONS. COOKING EXHAUST FANS ARE SUPPLIED BY OWNER. VENTILATOR

10. HOOD EXHAUST FANS AND DUCTWORK: INSTALL ALL HOOD EXHAUST FANS IN

11. CLEANUP: AFTER COMPLETION OF THE WORK BEFORE FINAL INSPECTION CLEAN

12. FILTERS: PROVIDE CLEAN SET OF FILTERS FOR EACH HVAC UNIT WHEN TURNED

13.1. PROJECTS PARTICIPATING IN THE NATIONAL ACCOUNTS PROGRAM SHALL

13.2. PROJECTS NOT PARTICIPATING IN THE NATIONAL ACCOUNT SHALL FOLLOW

13.2.1. PREPARE IN DUPLICATE A MANUAL DESCRIBING THE PROPER

MAINTENANCE AND OPERATION OF THE SYSTEM. THIS MANUAL SHALL

NOT CONSIST OF STANDARD FACTORY-PRINTED INSTRUCTIONS,

ALTHOUGH THESE MAY BE INCLUDED, BUT SHALL BE PREPARED TO

THE MANUALS SHALL BE BOUND, INDEXED, DATED, AND SIGNED BY THE

GENERAL CONTRACTOR. ONE (1)COPY SHALL BE SENT TO POPEYES

DEVELOPMENT AND THE OTHER TO THE OWNER. QUALIFIED

REPRESENTATIVES OF THE AIR CONDITIONING CONTRACTOR SHALL

MEET WITH THE DESIGNATED REPRESENTATIVE OF THE OWNER. THE

OWNER'S REPRESENTATIVE SHALL BE INSTRUCTED IN THE PROPER

OPERATION AND MAINTENANCE OF THE HVAC AND CONTROL SYSTEM.

14. GUARANTEE: MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR ONE

15.1. PROVIDE SERVICE ACCESS AS REQUIRED IN MANUFACTURER'S INSTALLATION

16. ENVIRONMENTAL CORROSION PROTECTION. CONDENSER, COOLING/HEATING

16.1. REQUIRED FACTORY DIPPED COATING WITHIN ONE MILE OF ANY SALT WATER

HVAC CONTRACTOR SHALL VERIEY THAT ALL FOLIPMENT AS SHOWN ON THESE

2. ALL ROOF MOUNTED EQUIPMENT AND PENETRATIONS SHALL BE FLASHED A

3. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM ANY EXHAUST FAN

4. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ADMINISTERING ALL

5. CONDENSATE DRAINAGE FROM ROOF TOP HVAC UNITS SHALL BE TRAPPED. REFER

6. PROVIDE VIBRATION ISOLATION GASKETS AT FLANGE MARRIAGES. SEE DETAIL ON

8. MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND DIFFUSER

9. THE CONTRACTOR SHALL PROVIDE COMPLETE INFORMATION AND COOPERATION

TO THE OTHER CONTRACTORS AND TRADES AS REQUIRED FOR COMPLETION AND

7. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.

WARRANTIES ON EQUIPMENT WHICH HE INSTALLS, AND OTHER ITEMS FURNISHED

DRAWINGS, WILL NOT CONFLICT WITH ANY DRAINS, SCUTTLES, JOINTS, VENTS,

INSTRUCTIONS. IF SUCH ACCESS IS NOT AVAILABLE, NOTIFY OWNER AND

ATTEMPT TO SEE IF NECESSARY CHANGES CAN BE WORKED OUT WITH

OTHER TRADES. IF NOT, DO NOT INSTALL EQUIPMENT WHICH DOES NOT

MEET MANUFACTURER'S REQUIREMENTS FOR ACCESSIBILITY. IN NO CASE

BID, SUBMIT, OR INSTALL EQUIPMENT IN SITUATIONS THAT DO NOT MEET THE

(1)YEAR FROM DATE OF COMPLETION. IN ADDITION, ALL REFRIGERATION COMPRESSORS SHALL BEAR A NON-PRORATED 5-YEAR FACTORY WARRANTY, AND

FOLLOW THE PROCEDURE OUTLINED IN THE NATIONAL ACCOUNT.

DESCRIBE THIS PARTICULAR PROJECT.

MANUFACTURER'S WARRANTY REQUIREMENTS.

BODY. FACTORY PRE-COAT WITHIN ONE TO FIVE

MINIMUM OF 12" ABOVE THE ROOF. PROVIDE AMPLE CURBS.

OR PLUMBING VENT. REFER TO ROOF PLAN.

BY OTHERS AS WELL AS THOSE FURNISHED BY HIM.

LOCATIONS WITH LIGHTING LAYOUTS AS REQUIRED.

COORDINATION OF THE COMPLETE PROJECT.

EXHAUST DUCT SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 96.

HVAC CONTROL NOTES:

THE HVAC CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING DIAGRAMS FOR THE HVAC EQUIPMENT. 24 VOLT WIRING AND CONDUIT SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR. PROVIDE ADDITIONAL 24 VOLT TRANSFORMERS AS REQUIRED.

ROOFTOP AIR CONDITIONING UNITS THE AIR CONDITIONING UNIT FANS, HEATING AND COOLING SHALL BE CONTROLLED FROM 24 VOLT ROOM THERMOSTATS LOCATED APPROXIMATELY AS SHOWN ON THE PLANS. THE THERMOSTATS SHALL

HEF-1 THRU HEF-4 SHALL BE CONTROLLED BY A SWITCH LOCATED ON THE HOOD SERVED BY THAT FAN.

BE MOUNTED BY THIS CONTRACTOR 54" A.F.F.

EF-1 SHALL BE CONTROLLED BY A SWITCH LOCATED IN OFFICE REFER TO ELECTRICAL DRAWINGS.

HVAC UNITS RTU-1 AND RTU-2 SHALL BE PROGRAMMED FOR "FAN-ON" DURING OCCUPIED TIMES, FAN SHALL CYCLE WITH UNITS DURING UNOCCUPIED TIMES.

PROVIDE EACH AIR CONDITIONING UNIT WITH A DUCT MOUNTED SMOKE DETECTOR IN THE RETURN AND SUPPLY AIR DUCT SYSTEM PRIOR TO MIXTURE OF OUTSIDE AIR CAPABLE OF SHUTTING DOWN ITS RESPECTIVE AIR CONDITIONING UNIT UPON ACTIVATION. THE SMOKE DETECTOR SHALL CONSIST OF A SIMPLEX DUCT DETECTOR WITH PHOTOELECTRIC DETECTOR, AND SAMPLING TUBE. ALL LINE VOLTAGE WIRING AND CONDUIT SHALL BE BY THE ELECTRICAL CONTRACTOR AND ALL OTHER WORK SHALL BE BY THE HVAC CONTRACTOR. ACTIVATION OF A DUCT SMOKE DETECTORS SHALL INITIATE A VISIBLE AND AUDIBLE SUPERVISORY SIGNAL AT A CONSTANTLY ATTENDED LOCATION.

HVAC SYMBOL LEGEND

ABOVE FINISHED FLOOR CUBIC FEET PER MINUTE HORSEPOWER KILOWATT OUTSIDE AIR

REVOLUTIONS PER MINUTE ROOFTOP UNIT

UP DN THRU RETURN AIR (RA) DUCTWORK UP <u>DN</u> <u>THRU</u> EXHAUST AIR (EA) DUCTWORK

WET-BULB WALL MOUNTED THERMOSTAT FOR UNIT INDICATED

SUPPLY AIR (SA) DUCTWORK

FUSIBLE LINK DUCT SECTION, POSITIVE PRESSURE, FIRST FIGURE IS ARROW SIDE

REMOTE DUCT TEMPERATURE SENSOR

DUCT SECTION, EXHAUST DUCT SECTION, NEGATIVE PRESSURE, RETURN

CEILING DIFFUSER CEILING RETURN

RADIUS ELBOW - INSIDE RADIUS

SQUARE TO ROUND TRANSITION

GENERAL CONTRACTOR SHALL COORDINATE TRUSS SPACING PLUM TO ACCOMMODATE STRAIGHT GREASE RISERS FROM HOOD TO FAN INLET.

APPROVED HVAC NATIONAL ACCOUNT APPROVED VENDORS: CARRIER TRANE LENNOX





501.379.9693 Phone - 501.379.9712 Fax AEC Job #: 1501.19.002



DATE:

PROJECT NUMBER:

MECHANICAL

REVISION & DATE:

PLOT DATE:

SPECIFICATIONS

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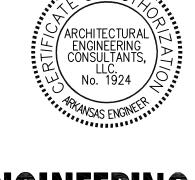
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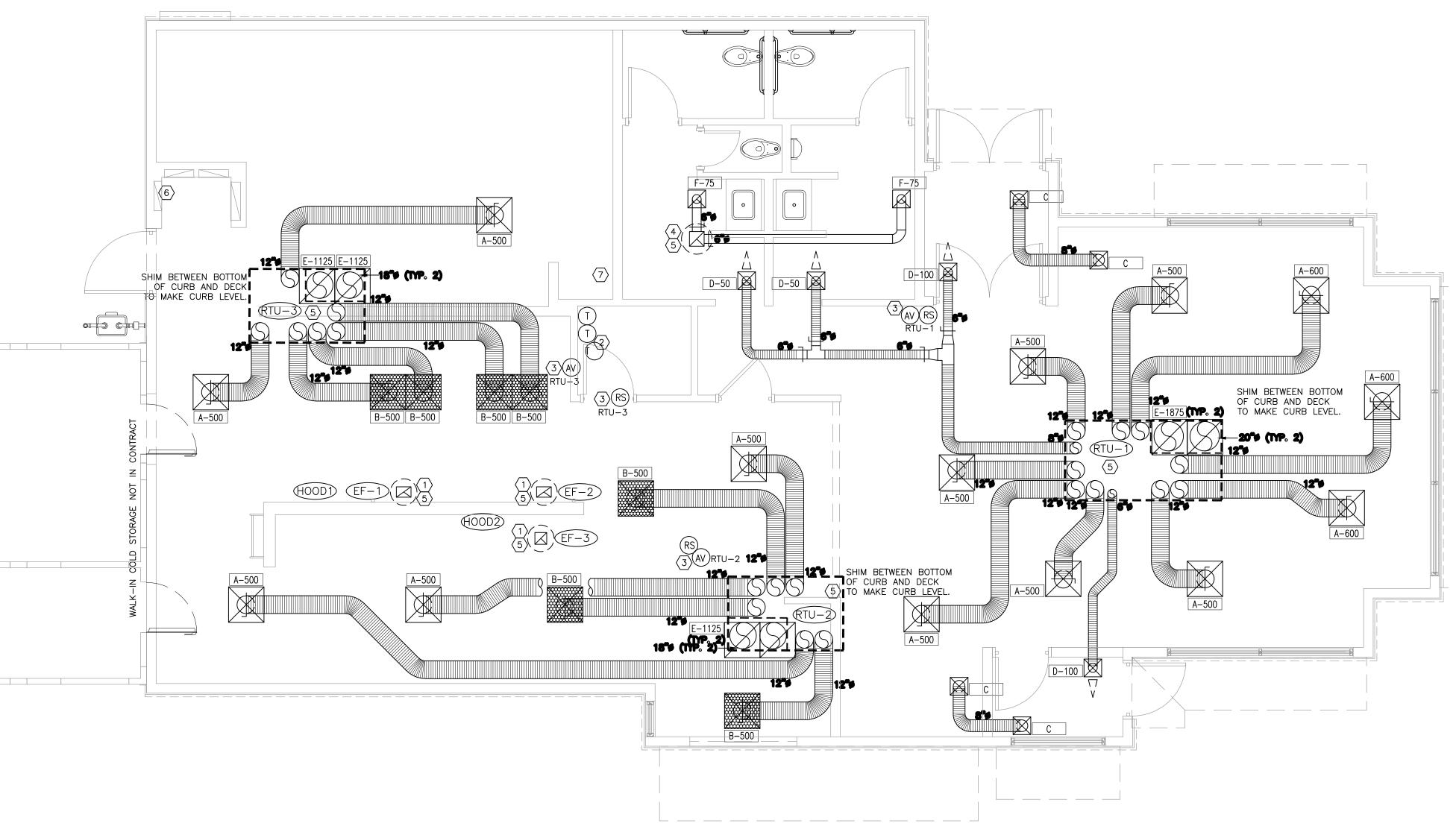
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KEYED NOTES

PLENUMIZED CURB INSTALLATION

. CAREFULLY LOCATE AND MARK ROOF CURB LOCATIONS SO THAT

DUCT WORK CAN BE INSTALLED IN THE APPROXIMATE LOCATIONS AS

SHOWN BY THE FLOOR PLAN. PAY ATTENTION TO THE LOCATION OF

THE ROOF STRUCTURE IN ORDER TO ACCOMMODATE THE DUCT DROPS.

2. MARK THE EXACT LOCATION OF EACH ROOF CURB. LAY OUT ALL

EQUIPMENT LOCATIONS IN ORDER TO MAINTAIN PROPER CLEARANCES

FROM EXHAUST FANS AND VENTS AS WELL AS PROVIDING FOR PROPER SERVICE

3. GENERAL CONTRACTOR SHALL CUT ROOF DECKING MATERIAL TAKING CARE TO AVOID

CUTTING ANY STRUCTURAL COMPONENTS. GENERAL CONTRACTOR SHALL ALSO INSTALL

4. WITH ROOF CURB UPSIDE DOWN (SOLID METAL BOTTOM UP) MEASURE AND MARK

THE LOCATION OF ANY JOISTS OR OTHER FRAMING MEMBERS THAT MUST BE AVOIDED.

5. CUT ALL DUCT TAPS INTO THE BOTTOM PANEL OF THE ROOF CURB. BE CAREFUL

6. INSTALL DUCT TAP FITTINGS AND MANUAL DAMPERS INTO THE OPENINGS PREVIOUSLY

CUT. SEAL ALL CONNECTIONS ON BOTH THE BOTTOM AND THE TOP SIDES OF THE TAPS.

7. FLATTEN TAB OF START COLLAR INSIDE CURB, TIGHT AGAINST INSULATION. SEAL

INSIDE OF COLLAR AND TABS TO INSULATION USING MASTIC DUCT SEALER. ALLOW

8. APPLY DUCT SEALER TO OPEN END OF COLLAR. SLIDE INNER CORE OF FLEXIBLE

DUCT ONTO COLLAR, AND CONNECT PANDUIT STRAP PER MANUFACTURERS INSTRUCTIONS.

9. SLIDE OUTER INSULATION SLEEVE OF FLEX TIGHT TO BOTTOM OF CURB. SEAL

INSULATION TO BOTTOM OF CURB WITH PRESSURE-SENSITIVE FOIL TAPE. DO NOT USE TAPE MEANT FOR RIGID DUCTBOARD. SQUEEGEE OUT ALL AIR BUBBLES FOR PROPER

10. TURN CURB RIGHT SIDE UP, LEVEL CURB BETWEEN BOTTOM OF CURB AND DECK,

11. GENERAL CONTRACTOR OR ROOFING CONTRACTOR SHALL FLASH AND ROOF IN THE

12. INSIDE BUILDING, THE DUCT RUNS SHALL BE INSTALLED FROM THE TAPS TO THE

DIFFUSER LOCATIONS AS SHOWN ON THE PLANS. SUPPORT PER SMACNA AND LOCAL

13. NOTE: IF NECESSARY, FLEX DROPS MAY BE CONNECTED TO TAPS AFTER CURB HAS

INSTALL IN ROOF OPENING. SECURE CURB TO ROOF FRAMING AS REQUIRED.

ANY NECESSARY FRAMING OR BLOCKING AT OPENINGS.

SEALER TO DRY PRIOR TO PROCEEDING.

CURB AS DETAILED ON THE DRAWINGS.

BEEN INSTALLED. REFER TO STEPS #8 AND #9.

MEASURE AND MARK THE LOCATION OF ALL THE DUCT TAPS.

NOT TO DAMAGE THE ROOFING SURFACE WHILE MAKING THESE CUTS.

CLEARANCES.

T>PROVIDE TYPE-I HOOD WITH 16 GAUGE BLACK IRON GREASE EXHAUST DUCT CONTINUOUSLY WELDED LIQUID TIGHT WITH CLEAN OUTS AND ACCESS PANELS INSTALLED AT ANY REQUIRED FIELD OFFSETS. SLOPE DUCT TOWARDS HOOD IF ANY HORIZONTAL OFFSETS ARE REQUIRED. COMPLY STRICTLY TO NFPA 96 AND LOCAL CODES. COORDINATE DUCT CONNECTION SIZE, TRANSITION, AND LOCATION WITH HOOD MANUFACTURER. REFER TO DETAILS ON SHEET M-3. VERIFY LOCATIONS OF HOOD AND EXHAUST FAN ON SITE WITH MOST RECENT KITCHEN EQUIPMENT PLANS.

(7) T-2900 PROGRAMMABLE THERMOSTAT WITH LOCKING COVER. MOUNT T-STATS 42" A.F.F. IN MANAGERS

(3) REMOTE SENSOR 66" A.F.F. ON WALL NEAR LOCATION INDICATED THIS SHEET. AUDIO-VISUAL ANNUNCIATOR TIED INTO SMOKE DETECTOR. COORDINATE LOCATION ON SITE WITH G.C. AND EQUIPMENT. AVOID SOURCES OF HEAT. SEAL WALL OPENINGS WITH CAULK. PROVIDE THERMOSTATS IN MANAGERS

OFFICE ABOVE DESK AND BELOW CABINET. SEAL WALL OPENINGS WITH CAULK.

4)10X10 PLENUM DROP WITH END CAP DOWN FROM EF-4 CURB. BRANCH CONNECT ONLY RIGID

(5) SHIM CURBS ON ROOF IN ORDER TO MAKE TOP OF CURBS LEVEL. SEE DETAIL ON SHEET M-2. ⟨6⟩OCCUPIED/UNOCCUPIED PANEL FOR NIGHT SET-BACK LOCATED NEAR SWITCH GEAR. COORDINATE LOCATION ON SITE WITH GENERAL CONTRACTOR AND WALL-MOUNTED EQUIPMENT.

(7) PLUMBING CONTRACTOR SHALL PROVIDE COMBUSTION AIR FOR WATER HEATER. DISCHARGE SHALL BE MINIMUM 10 FEET FROM AIR INTAKES. OFFSET AND TRANSITION AT CONNECTIONS AS NEEDED. USE MANUFACTURERS RECOMMENDATIONS.

		DIFF	FUSER	SCHEDL	JLE			
SYM.	.SIZE	TYPE	DUCT SIZE	MODEL#	FINISH	BOOT SIZE	OPENING :	SIZEQTY
Α	24X24	SUPPLY 4 WAY	12"ø	NCA12	WHITE	12"ø	T-BAR	14
В	24X24	SUPPLY PERFORATED	14"ø	7500-6-AL-16	WHITE	14"ø	T-BAR	7
С	12X12	SUPPLY 1 WAY/TRANSFER	8"ø	630	WHITE	12X12	SIZE + 1	/4" 4
D	12X12	SUPPLY 1 WAY	6"ø	630	WHITE	12X12	SIZE + 1	/4" 4
E*	24X24	RETURN	18"ø	630TB	WHITE	22X22	T-BAR	6
F	12X12	EXHAUST	6"ø	630	WHITE	12X12	SIZE + 1	/4" 2
AL * Pl		JSERS SHALL BE MANUFAC WITH SIX 14"Ø—TO—12"Ø				ALUMINUM (S	CONSTRUCT	ION

	AIR BALANCE SCHEDULE									
TAG	SUPPLY AIR	OUTSIDE AIR	RETURN AIR	EXHAUST AIR	BLDG. PRESSURE	% OUTSIDE AIR				
RTU-1	5000 CFM	1250 CFM	3750 CFM		+ 1250 CFM	25				
RTU-2	3000 CFM	750 CFM	2250 CFM		+ 750 CFM	25				
RTU-3	3000 CFM	750 CFM	2250 CFM		+ 750 CFM	25				
EF-1				935 CFM	- 935 CFM					
EF-2				935 CFM	- 935 CFM					
EF-3				600 CFM	- 600 CFM					
EF-4				150 CFM	- 150 CFM					
TOTAL	11000 CFM	2750 CFM	8250 CFM	3220 CFM	+ 130 CFM	25				

	1711 301	ILDOLL	
UNIT NUMBER	EF-1, EF-2	EF-3	EF-4
AREA SERVED	GREASE HOOD	GREASE HOOD	RESTROOMS
MANUFACTURER	CAPTIVEAIRE	CAPTIVEAIRE	CAPTIVEAIRE
MODEL NUMBER	DU85H	DU50H	DR12HFA
CFM	935 (EACH)	600	150
STATIC PRESSURE, "WG	1.25	1.25	0.375
FAN H.P.	0.75	0.50	0.18
DRIVE	BELT	BELT	DIRECT
RPM	1276	1456	1250
ELECTRICAL SERVICE	115/1/60	115/1/60	115/1/60
NCA CURB SIZE (LXWXH)	23x23x32	19.5x19.5x32	17.5X17.5X14
ACCESSORIES	B,D,E,H,I,J,K,L,N	B,D,E,H,I,J,K,L,N	A,B,C,D,F
NOTES/ACCESSORIES A. ALUMINIZED BIRDSCREE B. SAFETY DISCONNECT S C. GRAVITY BACKDRAFT D. D. AMCA SEAL & U.L. CE E. UPBLAST DISCHARGE	IN I. INTERLOCK WITCH J. REFER TO KAMPER K. ENSURE EXH		NFPA96 REQUIREMENTS LE FROM AIR INTAKES R FINAL SELECTION

PREFABRICATED ROOF CURB N. U.L. LISTED PREFAB EXTENDED HINGED BASE TO ATTACH FAN

FAN SCHEDULE

PACKAGE ROOFTOP UNI	T SCHEDULE	(RTU-1,2,3)
TAG	RTU-1	RTU-2,3
MANUFACTURER	CARRIER	CARRIER
MODEL	48HCED14 (12.5 TON)	48HCED09 (8 TON)
LOCATION, CURB DIMENSIONS	ROOF, 106" X 54"	ROOF, 78" X 50"
TYPE OF HEAT	NATURAL GAS	NATURAL GAS
TOTAL COOLING CAPACITY, MBTU/HR	148.0	101.5
SENSIBLE COOLING CAPACITY, MBTU/HR	103.8	75.2
ENTERING AIR CONDITIONS, DB'F/WB'F	80/67	80/67
AMBIENT AIR DB TEMPERATURE, 'F	95	95
SUPPLY AIR, CFM	5000	3000
OUTSIDE AIR, CFM	SEE SCHEDULE	SEE SCHEDULE
EXTERNAL STATIC PRESSURE, "WG	0.75	0.75
BHP - MEDIUM STATIC MOTOR	3.7	1.41
E.E.R.	12.2	12.0
GAS INPUT MBTU/HR	144/180	120/180
GAS OUTPUT MBTU/HR	118/146	98/148
UNIT WEIGHT, LBS.	1300	1236
ELECTRICAL REQUIREMENT, V/PHASE/HZ	208-230/3/60	208-230/3/60
MINIMUM CIRCUIT AMPERAGE	71.6	41
MAXIMUM OVER CURRENT PROTECTION	90	50
ACCESSORIES: 1. 100% FCONOMISER WITH BAROMETRIC RELIEF		

100% ECONOMISER WITH BAROMETRIC RELIEF . NCA PLENUMIZED CURB. TO ORDER CALL TOLL-FREE (877) 530-0078. 3. ONE YEAR COMPLETE PARTS AND LABOR WARRANTY 4. ADDITIONAL FOUR YEAR PARTS WARRANTY COVERING COMPRESSORS

5. SMOKE DETECTOR (SEE HVAC ROOF PLAN, SHEET M-2) 6. AQUAGUARD AG-3180E MOISTURE SENSOR FOR PRIMARY PAN

NOTE: COORDINATE RTU PLACEMENT ON SITE PRIOR TO SETTING EQUIPMENT. IF ADJUSTMENT IS NECESSARY MAINTAIN FRESH AIR INTAKE CLEARANCES.

UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS.

ATTENTION GENERAL CONTRACTOR: "RE-ENGINEERING" DEVIATIONS FROM THE SHOWN DESIGN AND REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND PROFESSIONAL ENGINEER.

CONTRACTORS NOTES

HVAC CONTRACTOR

1. THE HVAC CONTRACTOR SHALL INSTALL THE TYPE 1 FRYER HOODS LEVEL & AT THE PROPER LOCATION, GREASE RISERS, ALL HVAC ROOF CURBS, RTU'S, ALL HVAC DUCTWORK, GRILLES, HVAC CONTROLS AS NOTED, INCLUDING SMOKE DETECTORS. REFER TO THE HOOD SHEETS FOR PROPER HOOD INFORMATION. THE HVAC CONTRACTOR SHALL INSTALL GREASE RATED EXHAUST DUCT FROM THE HOOD COLLAR TO THE BASE OF THE EXHAUST FANS ON THE ROOF PER NFPA96 AND LOCAL CODES. FLARE GREASE EXHAUST RISER AT THE TOP TO THE OPENING OF THE VENTURI OF FAN. THE HVAC CONTRACTOR SHALL VERIFY LOCATIONS FOR EF-1, EF-2, EF-3. AND THE HOODS ON SITE WITH DIRECT COORDINATION WITH THE G.C. THE G.C. SHALL SIGN OFF ON THE LOCATION OF FRYER HOOD, SO THAT RISERS CAN BE FIT PROPERLY. TRUSS ENG. GROUP ALLOW SPACING FOR GREASE RISER TO PASS THRU CENTER OF TRUSS BAY AT 2 LOCATIONS. G.C. SHALL COORDINATE STRUCTURAL FRAMING TO ACCOMMODATE PLUM RISERS. G.C. SHALL PROVIDE PERIMETER FRAMING & PENETRATIONS AT ALL ROOF CURBS.

2. SEE NCA PACKAGE SCHEDULE NOTES FURNISHED ITEMS FOR HVAC INSTALLATION. ALL NON-FURNISHED ITEMS NECESSARY TO COMPLETE THE DESIGN INTENT OF THESE DOCUMENTS SHALL BE BY THE HVAC CONTRACTOR.

3. ALL NCA PROVIDED ROOF CURBS SHALL BE FABRICATED FROM 18 GA. G-90 MTL. WITH FULLY WELDED SEAMS, WATER TIGHT AND INTERNALLY INSULATED. FACTORY CURB CONVERSION SHALL NOT BE ACCEPTED.

4. SHIMS SHALL BE PROVIDED BY HVAC CONTRACTOR BETWEEN THE ROOF DECK AND THE CURBS TO COMPENSATE FOR ROOF PITCH ON BUILT UP ROOFS ONLY. OTHER ROOF CONSTRUCTIONS SHALL BE EVALUATED FOR BUILT-IN PITCH ON CURB.

5. ALL FLEX DUCT SHALL BE U.L. LISTED, R-6 BENEATH THERMAL BLDG. ENVELOPE & R-8 WHEN CEILING INSULATION IS USED. FLEX SHALL BE FOIL-BACKED, CLASS 1 AIR DUCT WITH FIRE AND SMOKE RATING [25]-[50]. FLEX DUCT SHALL BEAR A RECTANGULAR OR SQUARE SYMBOL FOR UNLIMITED LENGTH OF RUN OUT OR AS PER LOCAL CODE.

6. ALL METAL DUCT AND AIR DISTRIBUTION DEVICES SHALL BE INSULATED WITH R-6, 2" X .75 DENSITY FOIL-BACKED INSULATION, WITH FIRE AND SMOKE RATING [25]-[50].

7. ALL DUCTWORK SHALL BE INDEPENDENTLY HUNG FROM STRUCTURAL MEMBERS.

8. ALL DUCTWORK SHALL BE FABRICATED, INSTALLED, SEALED, AND EXTERNALLY INSULATED PER SMACNA LOW-VELOCITY DUCT MANUAL (LATEST ISSUE). INTERNALLY LINED DUCTWORK IS NOT ALLOWED.

9. UNLESS OTHERWISE NOTED, ALL SUPPLY TAKEOFFS SHALL HAVE A MANUAL VOLUME CONTROL DAMPER. (SEE DAMPER SYMBOLS EXPRESSED ON

10. THE HVAC CONTRACTOR SHALL COORDINATE DIFFUSER LOCATIONS ON SITE WITH THE MOST RECENT REFLECTED CEILING PLAN.

11. THE HVAC CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE COVERING A ONE-YEAR PERIOD FOR ALL HVAC EQUIPMENT AND PROVIDE AN ADDITIONAL FOUR-YEAR PERIOD FOR THE COMPRESSORS IN THE RTUS. ALL FANS TO BE U.L. LISTED.

12. UPON COMPLETION OF PROJECT, THE HVAC CONTRACTOR IS TO PROVIDE A CERTIFIED TEST AND BALANCE, AND A WRITTEN REPORT TO NCA CONSULTANTS. ALL CAPACITIES MUST BE SET TO WITHIN ±10% OF AMOUNTS INDICATED ON THE FLOOR PLAN AND SCHEDULES.

13. THE HVAC CONTRACTOR IS TO MAKE ALL LOW-VOLTAGE WIRING FINAL CONNECTIONS FOR ALL HVAC EQUIPMENT INCLUDING TEMPERATURE CONTROLS, RTUS, AND SMOKE DETECTORS.

GENERAL CONTRACTOR . IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RECEIVE, OFFLOAD, AND STORE ALL HVAC MATERIALS WHICH ARRIVE AT THE JOB SI ALL MATERIAL MUST BE STORED INSIDE THE BUILDING. FRYER HOOD MUST BE STORED IN THE KITCHEN NEAR PROPOSED LOCATION AWAY FROM THE

RISK OF DAMAGE...

2. ACCURATE MEASUREMENTS SHALL BE USED WHEN LOCATING GREASE RATED EXHAUST FAN ROOF PENETRATIONS. G.C. SHALL CONFIRM & SIGN - OFF TO ELEVIATE ANY FUTURE DEVIATIONS OF FINAL HOOD LOCATION. THE G.C. SHALL COORDINATE ANY EFFORT WITH THE STRUCTURAL ENG. GROUP TO ARRANGE TRUSS SPACING TO ALLOW FOR PASSAGE OF GREASE RISER IN THE MIDDLE OF THE BAY BETWEEN TRUSSES.

3. ALL ROOF, CEILING, WALL, AND STRUCTURAL FRAMING REQUIRED FOR UNIT, FAN, DUCT, DIFFUSER, AND ALL OTHER HVAC WORK SHALL BE BY THE G.C. COORDINATE ON SITE WITH HVAC CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE ANY SCREENING, GUARD RAILS, ETC. FOR ROOF-MOUNTED HVAC EQUIPMENT PER FBC AND LOCAL CODES. ROOF FRAMING SIZES ARE BASED OFF OF THE FAN & ROOF TOP UNIT EQUIPMENT SCHEDULEDS. IF OTHER EQUIPMENT IS USED, VERIFY ROOF FRAMING REQUIREMENTS WITH SCHEDULES. COORDINATE ON SITE WITH HVAC CONTRACTOR. <u>ROOFING MATERIAL SHALL NOT COVER THE TOP OF ANY</u>

ELECTRICAL CONTRACTOR

1. THE ELECTRICAL CONTRACTOR SHALL ROUTE HIGH & LOW VOLTAGE WIRING CONTROL WIRING, LOW VOLTAGE WIRING SHALL BE FURNISHED BY THE HVAC CONTRACTOR. LOW & HIGH VOLTAGE WIRING MAY NOT BE IN THE SAME CONDUIT. WIRING MAY NOT ENTER OR EXIT CURB AT ANY POINT. ALL WIRING SHALL ENTER ROOF TOP UNIT AT OUTER ACCESS. USE WEATHER PROTECTED CONNECTIONS, BOXES & CONDUIT. DISCONNECTS SHALL BE

PROVIDED BY THE E.C. FOR ALL REQUIRED ROOF EQUIPMENT.

2. THE ELECTRICAL CONTRACTOR SHALL USE A MINIMUM OF 4'-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MAY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK.

3. FOR EACH UNIT, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ONE SINGLE-GANG RECEPTACLE TEST STATION FOR THE T-STAT. AND ONE DOUBLE-GANG RECEPTACLE TEST STATION FOR THE ANNUNCIATOR, WITH GREEN AND RED LIGHT INDICATORS. THE FIRE AND MECHANICAL INSPECTORS WILL DETERMINE SUITABLE LOCATION FOR TEST STATIONS. ANNUNCIATORS AND TEST STATION WILL BE LOOPED IN THE CIRCUITRY OF THE SMOKE DETECTION DEVICES. WIRING WILL BE INSTALLED BY ELECTRICAL CONTRACTOR.

4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL INTERLOCKING DEVICES REQUIRED BETWEEN THE HOODED APPLIANCES & HVAC TO COMPLY WITH NFPA-96, INCLUDING THE INSTALLATION OF THE NCA INTERLOCK PANEL PER SHEET M-5, THIS SET. THE PANEL FULLY COMPLIES WITH NFPA-96. ELECTRICAL DISTRIBUTION PLANS & SCHEDULES SHALL BE FORWARDED TO NCA FOR THE PRODUCTION OF THE PANEL PRIOR TO ROUGH—IN DISCIPLINES OF THE ELECTRICAL CONTRACTOR TO ROUTE HIGH VOLTAGE CIRCUITS THROUGH ASSIGNED DRY CONTACT TERMINALS IN PANEL & FOR FIELD LOCATION. CONTACTOR PANEL MUST BE IN PLACE PRIOR TO HIGH VOLTAGE ROUGH-IN. IF PANEL IS NOT USED THE ELECTRICAL CONTRACTOR IS TO PROVIDE ALL INTERLOCKING REQUIRED PER NFPA96 AND LOCAL CODES. THE ELECTRICAL CONTRACTOR IS TO PROVIDE ANY ADDITIONAL INTERLOCKING REQUIRED PER NFPA96 AND LOCAL CODES.

1. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL CONDENSATE DRAINS DOWNSTREAM OF P-TRAPS FOR A/C EQUIPMENT & DISPOSE OF

CONDENSATE AT AN APPROVED LOCATION. DO NOT PENETRATE RTU CURB FOR MOUNTING OR OTHER. 2. THE PLUMBING CONTRACTOR SHALL PROVIDE NATURAL OR LP GAS SUPPLY TO ROOF TOP UNITS WHEN USING GAS HEAT.

3. THE PLUMBING CONTRACTOR IS TO COORDINATE PLUMBING VENT STACKS AND WATER HEATER FLUES WITH OUTSIDE AIR INTAKES OF A/C UNITS. 10'-0" MINIMUM CLEARANCE REQUIRED OR PER LOCAL CODE.

4. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL FLUE GAS EXHAUST VENT FOR WATER HEATER. MAINTAIN 10'-0" MINIMUM CLEARANCE TO AIR INTAKES, OR PER LOCAL CODE. COORDINATE ON SITE WITH G.C. AND HVAC CONTRACTOR.

UPON COMMENCEMENT OF ROUGH—IN AS SCHEDULED BY NCA CONSULTANTS, THE AIR CONDITIONING CONTRACTOR IS TO REMAIN ON THE JOB SITE FULL TIME UNTIL THE ROUGH-IN IS 100% COMPLETE. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT WILL VERIFY. UPON COMMENCEMENT OF TRIM-OUT AS SCHEDULED BY NCA CONSULTANTS, THE AIR CONDITIONING CONTRACTOR IS TO REMAIN ON THE JOB SITE FULL TIME UNTIL THE TRIM-OUT | IS 100% COMPLETE. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT WILL VERIFY.



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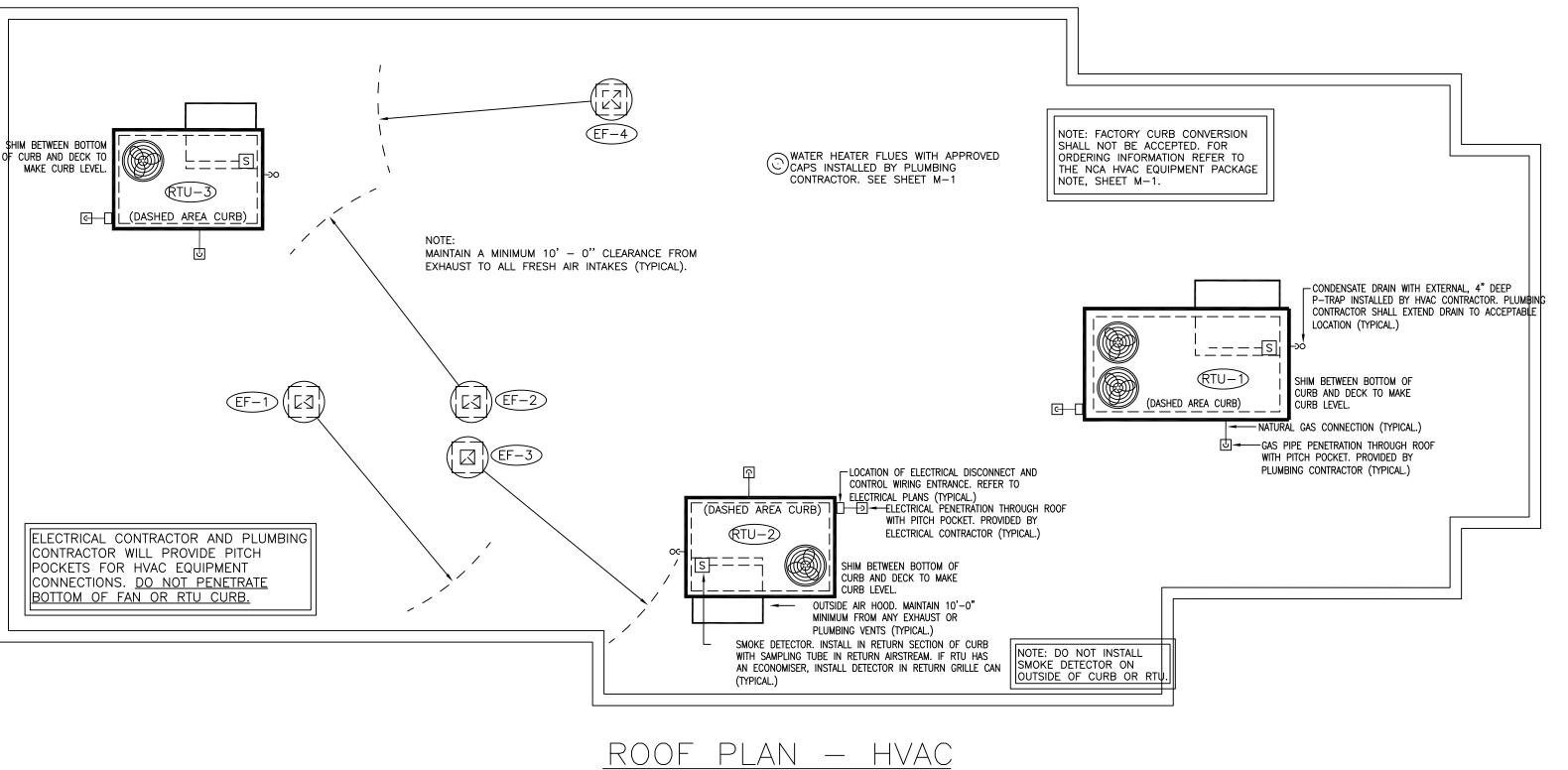
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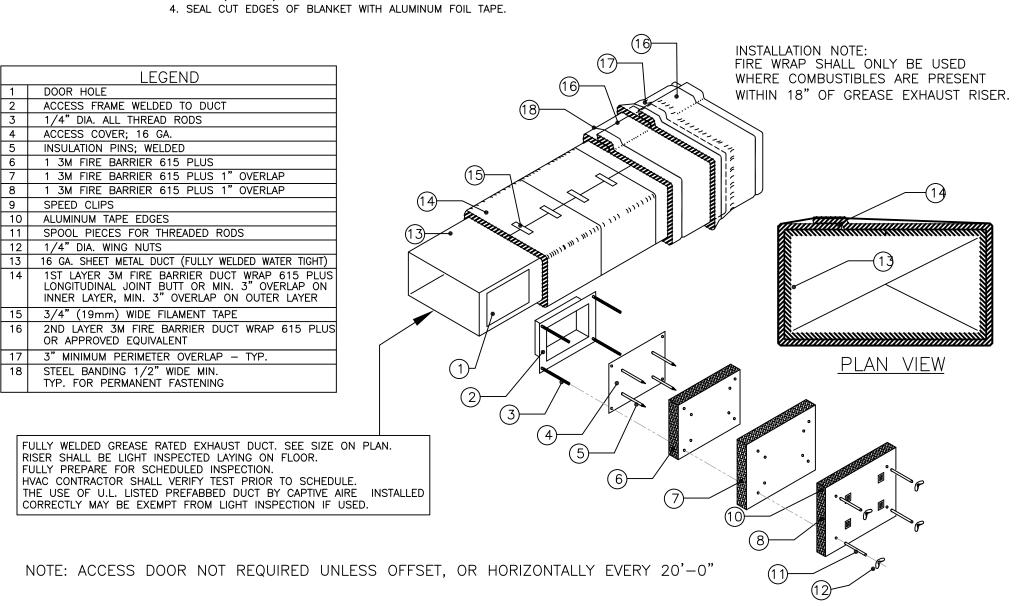




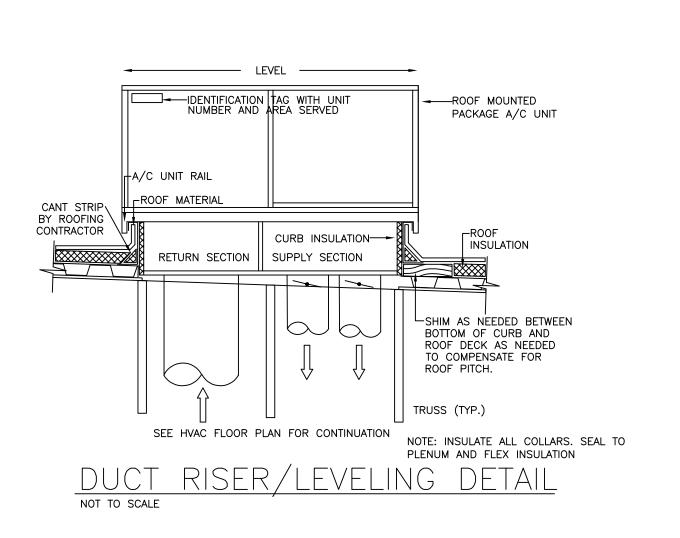
SCALE 1/4" = 1' - 0" WHEN PLOTTED 36" X 24"

1. BANDING MATERIAL, 3/4" WIDE, MINIMUM 0.015" THICK, CARBON STEEL FOR CONSTRUCTION REQUIREMENTS OF ZERO CLEARANCE TO COMBUSTIBLES OR 1 HR. RATINGS. STAINLESS STEEL BANDING IS

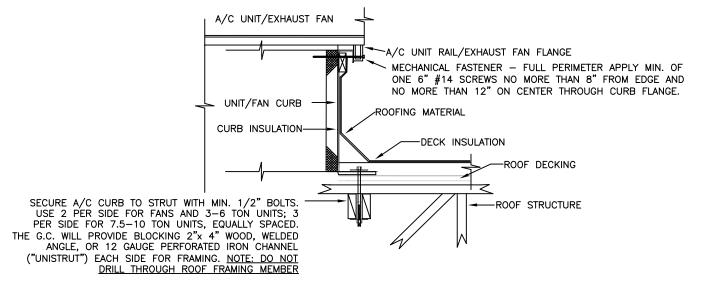
- USED FOR 2 HR. REQUIREMENTS. 2. 3M FIRE BARRIER DUCT WRAP 615+, 1-1/2" THICK, 24" OR 48" WIDE, 300" STANDARD LENGTH (2 LAYERS) 6 LBS PER CUBIC FT TO BE
- 3. HOLD INTERIOR WRAP OF INSULATION USING 1" WIDE FILAMENT TAPE (NO. 898) MANUFACTURED BY 3M COMPANY.



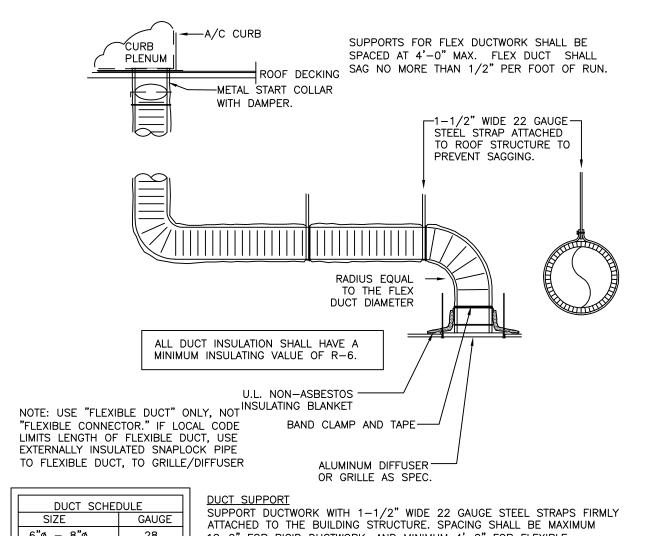




FACTORY CURB CONVERSION SHALL NOT BE ACCEPTED. NCA PLENUMIZED AC CURB DETAIL NOT TO SCALE



ACCEPTABLE FOR 140 MPH ZONE ROOF EQUIP. CURB MOUNTING DETAIL



DUCT SCHEE	<u>DU</u> SU	
SIZE	GAUGE	I AT
6"ø – 8"ø	28	10
10"ø - 12"ø	26	DU
14"ø - 16"ø	24	WII
18"ø – 20"ø	22	RE
		J SM

-0" FOR RIGID DUCTWORK, AND MINIMUM 4'-0" FOR FLEXIBLE JCTWORK. 12 GAUGE WIRE MAY BE SUBSTITUTED FOR STRAPS IF 1-1/2" DE 22 GAUGE STEEL SADDLES ARE USED TO FULLY ENCIRCLE DUCT. FER TO THE HVAC DUCT CONSTRUCTION STANDARDS PUBLISHED BY MACNA FOR ADDITIONAL DETAILS. FULLY COMPLY WITH MECHANICAL CODES.

RIGID/FLEXDUCT CONNECTION/INSTALL DETAIL NOT TO SCALE

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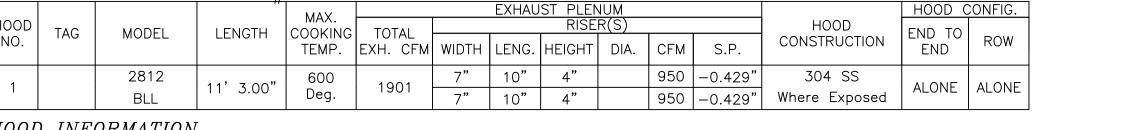
HOOD DETAILS

PLOT DATE:

REVISION & DATE:

ENGINEERING CONSULTANTS

SS DUCT ENCLOSURE



HOOD	INF	DRMATION															
				FILTER(S)			LIGHT(S)					UTILITY CABINET(S)			FIRE	HOOD
HOOD	TAG								WIRE			F	RE SYSTEM	ELECTRICAL	SWITCHES		HANGING
NO.	IAG	TYPE	QTY.	HEIGHT	LENGTH	H EFFICIENCY @ 9	MICRONS QTY.	TYPE	GUARD	LOCATION	SIZE	TYPE	SIZE	MODEL #	QUANTITY	PIPING	WGHT
1		SS Baffle with Handles	8	10"	16"	30%	0			Wall Mnt	12"x36"x24"	Ansul R102	3.0/3.0/3.0			YES	206 LBS

HOOD NO.	TAG								OP ⁻	TION				
1		BACKSPL	ASH	112.0	00"	High	Χ	208	3.00"	Long	30)4 SS	Vertical	
		OPTIONS	ONLY:	FIELD	WRA	PPER	22	.50"	High	Х	60.00"	Long	Left 304 S	SS
		OPTIONS	ONLY:	FIELD	WRA	PPER	22	.50"	High	Х	60.00"	Long	Right 304	SS
		OPTIONS	ONLY:	FIELD	WRA	PPER	22	.50"	High	Х	60.00"	Long	Left 304 S	SS
		OPTIONS	ONLY:	FIELD	WRA	PPER	22	.50"	High	Х	60.00"	Long	Right 304	SS
		OPTIONS	ONLY:	FIELD	WRA	PPER	37	.00"	High	Х	60.00"	Long	Front 304	SS
2		OPTIONS	ONLY:	FIELD	WRA	PPER	37	.00"	High	Х	60.00"	Long	Front 304	SS
		OPTIONS	ONLY	: WRAF	PER	CHANI	NEL	_	19.00"	Long	J			
		OPTIONS	ONLY	: WRAF	PER	CHANI	NEL	_	19.00"	Long	l			
		OPTIONS	ONLY	: WRAF	PER	CHANI	NEL	_	19.00"	Long	1			
		OPTIONS	ONLY	: WRAF	PER	CHANI	NEL	_	19.00"	Long	1			
		OPTIONS	ONLY	: WRAF	PER	CHANI	NEL	_	28.00"	Long	l			
		OPTIONS	ONLY	: WRAF	PER	CHANI	NEL	_	28.00"	Lonc	1			

Backshelf Exhaust-Only ETL Ratings - File 3054804-001 LENGHT FRONT OVER-SIDE OVER-HANG LENGTH WIDTH WIDTH EXH. MODEL RANGE FOR 1 RANGE INCR. CFM/FT HANG RISER -4.5" 400DEG | 110 | 3'-24' 16' 26"-36"

All enclosure panels 60" tall with vertical grain

8"-26" 116.62" FRYER BATTERY FRYER BATTERY WITH MINIMUM MIN. SIDE OVERHANG AND 4.5"FRONT UNDERHANG BY HOOD "PRINCE CASTLE" # HPC-2A CONTROL W/ J-BOX MOUNT ON S/S ANGLE HERE

PRINCE CASLTE HPI9-26A HEATER PANEL 3Y N. WASSERSTROM & SONS

PLAN VIEW - Hood #1

11'3.00"LONG 2812BLL

ALL ENCLOSURE PANELS 60" TALL WITH VERTICAL GRAIN

BLL Series Specification

<u> HOOD INFORMATION — Job#2941439</u>

The BLL series hood is a low proximity passover type hood. Hood shall have size, shape and performance specified on drawings.

Construction shall be type 430 stainless steel with a #3 or #4 polish where exposed. All seams shall be welded and have stainless steel on exposed surfaces. Unexposed surfaces shall be constructed of aluminized steel. Individual component construction shall be determined by manufacturer and ETL. Construction shall be dependent on the structural application to minimize distortion and other defects. All seams, joints and penetrations of the hood enclosure to its lower outermost perimeter that directs and captures grease-laden vapor and exhaust gases shall have a liquid—tight continuous external weld in accordance with NFPA 96. Hood shall be wall type with provisions to screw to back wall.

Ventilator shall be furnished with UL classified aluminum baffle filters, supplied in size and quantity as required by ventilator. The filters shall extend the full length of the hood and the filler panels shall not be more than 6" in width.

The hood manufacturer shall supply complete computer generated submittal drawings including hood section view(s) and hood plan view(s). These drawings must be available to the engineer, architect and owner for their use in construction, operation and maintenance.

Exhaust duct collar to be 4" high with 1" flange. Duct sizes, CFM and static pressure requirements shall be as shown on drawings. Static pressure requirements shall be precise and accurate; air velocity and volume information shall be accurate within 1—ft increments along the length of the ventilator.

The hood shall have:

-A sloped grease drain system which shall be an enclosed integral part of the hood back with an exposed, removable $\frac{1}{2}$ pint grease cup to facilitate cleaning.

-Low profile design to allow plate shelf and passover design.

The hood shall be ETL Listed as "Exhaust Hood Without Exhaust Damper", ETL Sanitation Listed and built in accordance with NFPA 96. The hood shall be listed for 400° F cooking surfaces at 110 CFM/ft.

System Design Verification (SDV)

If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual. Typically, the SDV will be performed after all inspections are complete.

Any field related discrepancies that are discovered during the SDV will be brought to the of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

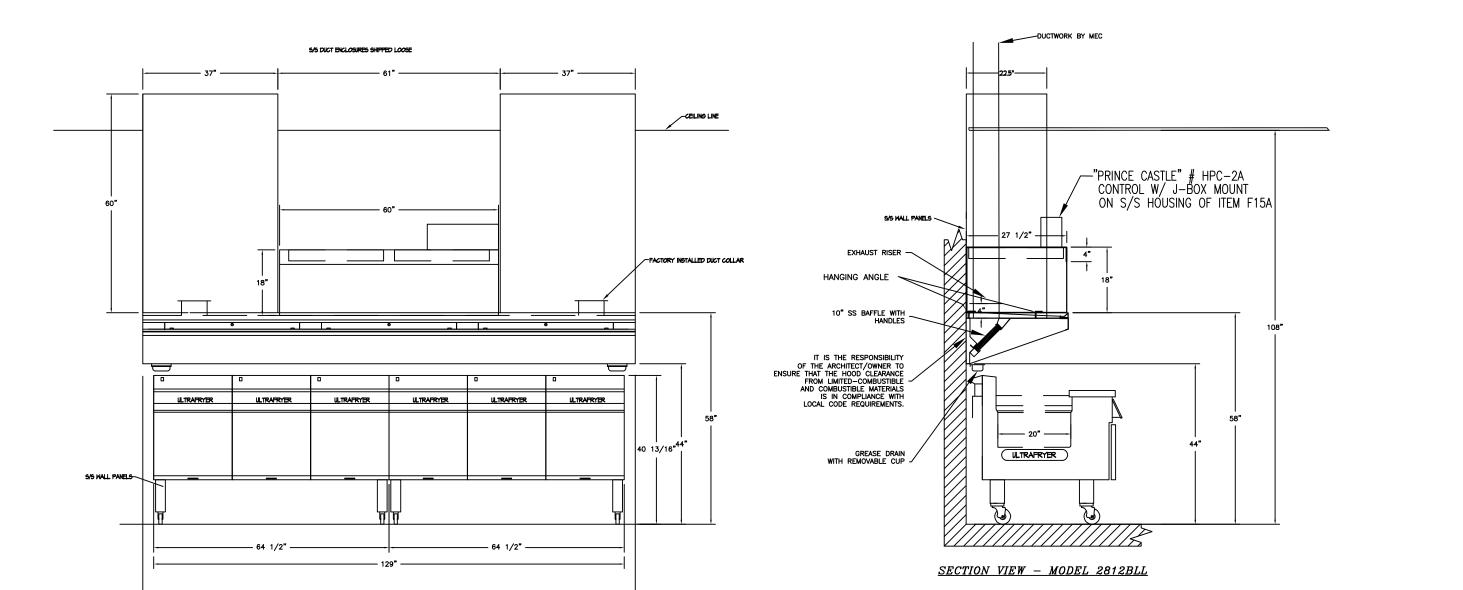
During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.

1/2" DIA. ALL THREAD ROD

CONNECTED TO ROOF JOIST

THROUGH ANOTHER HANGING

*ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR HANGING ANGLE IS PRE-PUNCHED AT FACTORY



FRYER BATTERY WITH MINIMUM MIN. SIDE OVERHANG AND 4.5"FRONT UNDERHANG BY HOOD PER ETL LISTING FILE #3054804-001

DIM FROM REAR

4.166"

4.166"

4.166"

36"X36"

2.246"

2.246"

2.246"

2.246

42"X42"

2.246"

1/2" DIA. HEAVY DUTY NUT

HANGING ANGLE

ONE ABOVE AND ONE BELOW HOOD STYLE

CANOPY

ND2-PSP-

BACKSHELF

BD-2

VHB/VHB-0

PER ETL LISTING FILE #3054804-001

FRYER BATTERY WITH MINIMUM 2" MIN. SIDE OVERHANG AND 4.5"FRONT UNDERHANG BY HOOD PER ETL LISTING FILE #3054804-001 SECTION VIEW - MODEL 2812BLL

ND-2 HANGING ANGLE DETAIL HANGING ANGLE LOCATIONS CALCULATIONS UTILIZED DIM FROM DIM FROM SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED TOTAL DUCT AREA=144 X TOTAL DUCT AREA 2.246" CAPTIVE-AIRE DUCT CONNECTION SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500-1800 FPM AND A SUPPLY VELOCITY OF 300-400 FPM. 2.246' CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH: COMBUSTIBLE BUILT IN ACCORDANCE WITH NFPA No. 96 48"X48" & #3054804-001 & #3054804-002 Listed under ETL File number 3054804-001/002 2.246"

CLEARANCE TO COMBUSTIBLES CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE

REDUCTION SYSTEMS AVAILABLE AS FOLLOWS: CLEARANCE REDUCTION SYSTEM BALANCE NONE REQUIRED 3" UNINSULATED STANDOFF

1" INSULATED STANDOFF

13. RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE. 14. WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE. 15. SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES

INSTALLING CONTRACTORS.

ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.

ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.

ALL CONNECTIONS FROM CAPTIVE—AIRE DUCT PER MECHANICAL CONTRACTORS'S PLANS.

SEISMIC RESTAINTS ARE RESPONSIBILITY OF

D. INSTALLING CONTRACTORS ASSUME ALL RELATED REPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

1. KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.

12. KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.

COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE. EXHAUST FANS TO TURN ON IN EVENT OF FIRE.

ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS

LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.

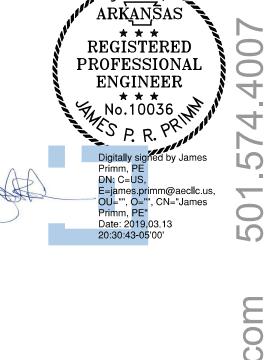
HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY

<u>NSTALLATION</u>



AEC Job #: 1501.19.002







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DATE: 3/11/19 PROJECT NUMBER:

18-015

SHEET TITLE: HOOD DETAILS

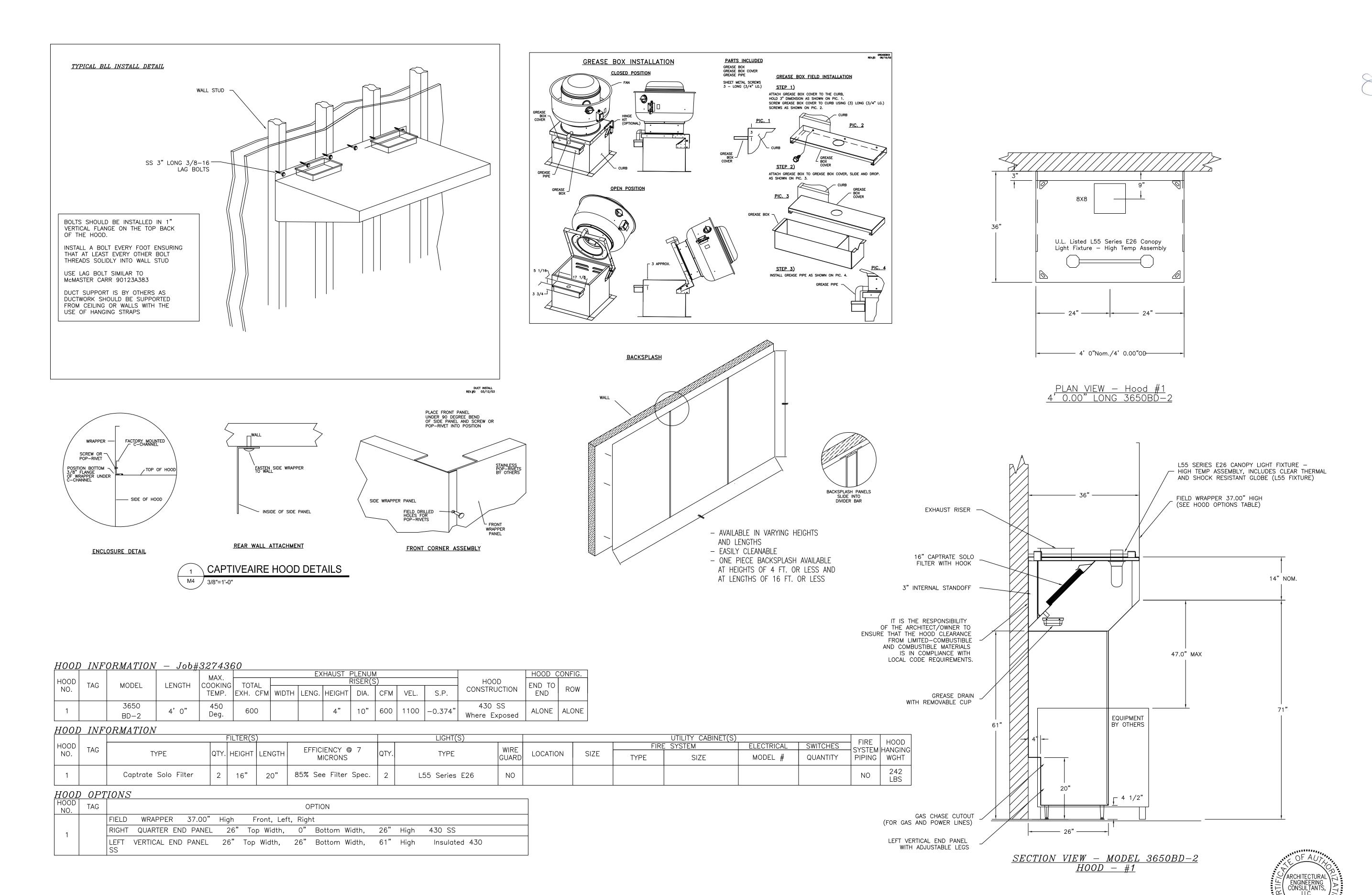
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REVISION & DATE:

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ELECTRICAL CONTRACTOR NOTES:

- 4. TERMINATION OF ALL 24 VOLT AIR CONDITIONING CONTROL WIRING SHALL BE 1. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE "UNOCCUPIED-OCCUPIED" PANEL.
- 5. ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR 2. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE "UNOCCUPIED-LOCATED IN THE BROILER HOOD EXHAUST FAN TO THE CONTACTOR PANEL OCCUPIED" PANEL TO THE THERMOSTAT LOCATION.

DONE BY THE MECHANICAL CONTRACTOR.

LOCATED BY THE SWITCHGEAR.

3 RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP

AIR CONDITIONING UNIT TO THE NIGHT SETBACK THERMOSTAT LOCATION, IF NOT CONTROLLED WITH P-374-2700 T-STAT. REFER TO SHEET M-1

"MORNING ARRIVAL"

TURN THE KITCHEN UNOCCUPIED—OCCUPIED SWITCH TO THE THE OCCUPIED POSITION. THE KITCHENS AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTAT SET POINT.

NOTE: THE AIR CONDITIONING FAN WILL START AND RUN CONTINUOUSLY. EXHAUST FAN WILL NOT RUN UNTIL THIS SWITCH IS IN THE OCCUPIED POSITION.

STEP 2

TURN ON THE EXHAUST FAN SWITCH TO THE ON POSITION THIS WILL ALLOW YOU TO TURN ON THE FRYERS.

"RESTAURANT OPEN FOR <u>BUSINESS"</u>

TURN THE DINING UNOCCUPIED—OCCUPIED SWITCH TO THE THE OCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTAT SET POINT.

TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE AUTO POSITION, THIS WILL ENGAGE THE LIGHTING PHOTOCELLS SO THAT THE LIGHTS WILL AUTOMATICALLY COME ON

AFTER DARK. TURN THE SWITCH TO THE ON POSITION TO OVER RIDE THE PHOTOCELLS AT

ANY TIME THE LIGHTING MUST REMAIN ON. <u>BUSINESS"</u>

TURN THE DINING UNOCCUPIED—OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE OFF POSITION, THIS WILL DISENGAGE THE LIGHTING PHOTOCELLS.

TURN THE EXHAUST FAN SWITCH TO THE OFF POSITION. THE UNDER HOOD COOKING EQUIPMENT WILL TURN OFF AND THE EXHAUST FAN WILL CONTINUE TO RUN FOR 15 MINUTES FOR A COOL DOWN CYCLE, AND THEN SHUT

NOTE: TO PREVENT ACCIDENTAL ANSUL DISCHARGE, ONE OF THE HOODS EXHAUST FANS WILL RUN 15 MINUTES AFTER THE EXHAUST FAN SWITCH IS TURNED TO THE OFF

"EMPLOYEES LEAVING THE

STEP 1

WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURES SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

LEAVING THE BUILDING'

STEP 1

STEP 2

TURN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE KITCHENS AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURE SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

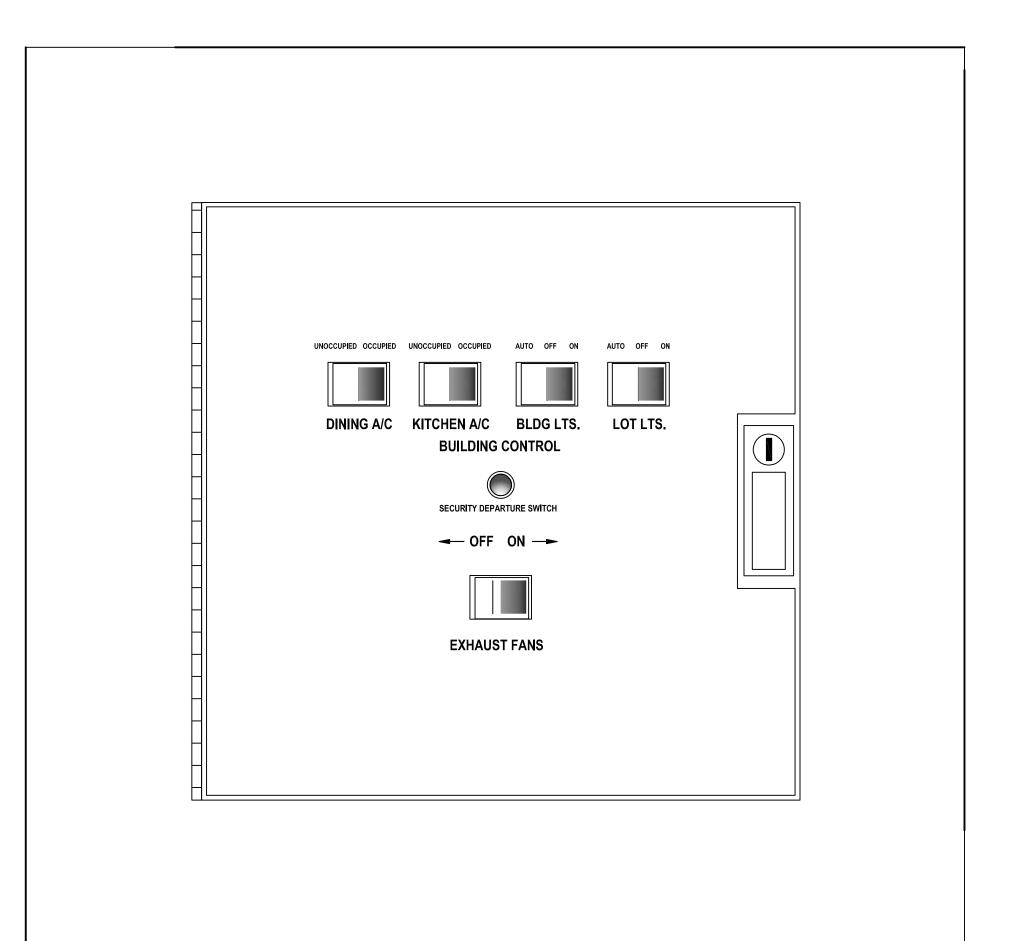
"HOOD VENTILATION SYSTEM

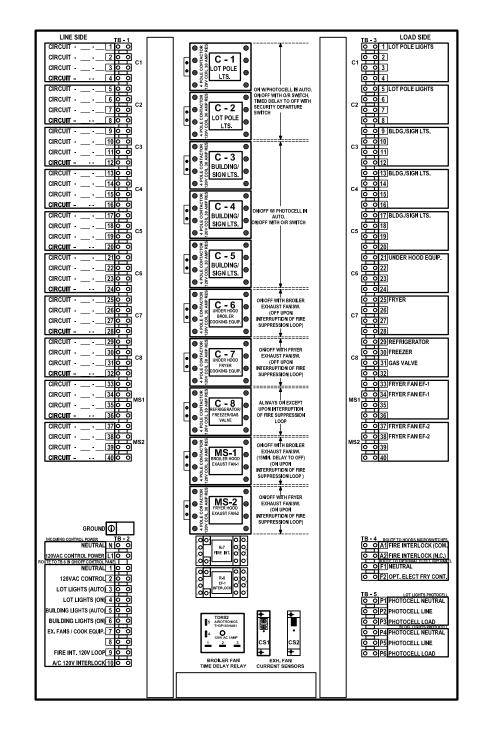
WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE (SUCH AS A BELT BREAKING) IT WILL DISABLE THE LINE VOLTAGE TO THE COOKING EQUIPMENT UNDER THE HOOD. THE EXHAUST FAN SWITCH SHOULD BE PLACED IN THE OFF POSITION AND THE FAN SHOULD BE CHECKED AND/OR REPAIRED BEFORE TURNING THE SWITCH TO THE ON POSITION.

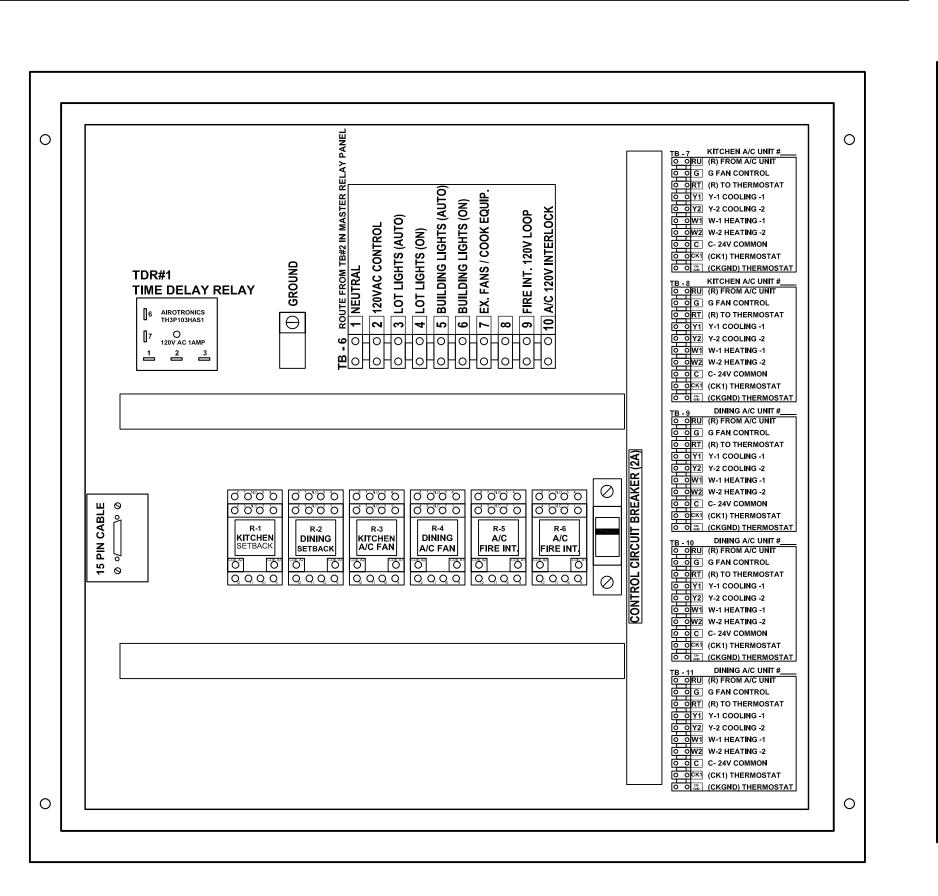
"PARKING LOT LIGHTING NOTE"

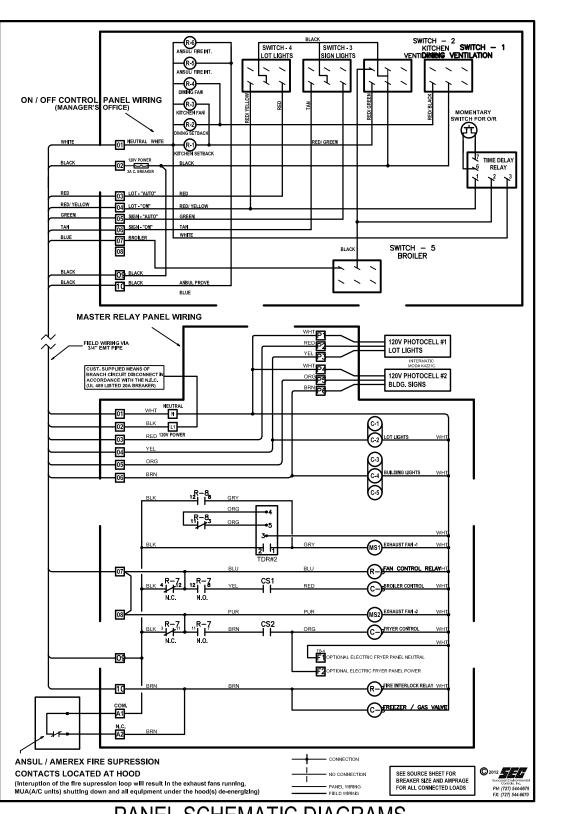
WHEN THE PARKING LOT LIGHTS ARE TURNED OFF, THEY MUST COOL DOWN FOR ABOUT 10 MINUTES BEFORE THEY WILL COME BACK ON.

*NOTE: Current sensors are factory wired but must be field adjusted for proper operation. With the hood exhaust fans running, spin the potentiometer dials counterclockwise until the status "OFF" green LED lights and cooking equipment contactors de-energize. Then turn dials back clockwise one full turn. If the current sensors are improperly adjusted, cooking equipment may not shut off should a hoods exhaust fan fail. If the cooking equipment fails to operate while the hood switches are on and the exhaust fans are running, spin the appropriate setpoint dial clockwise until the status "ON" red LED lights.









PANEL SCHEMATIC DIAGRAMS

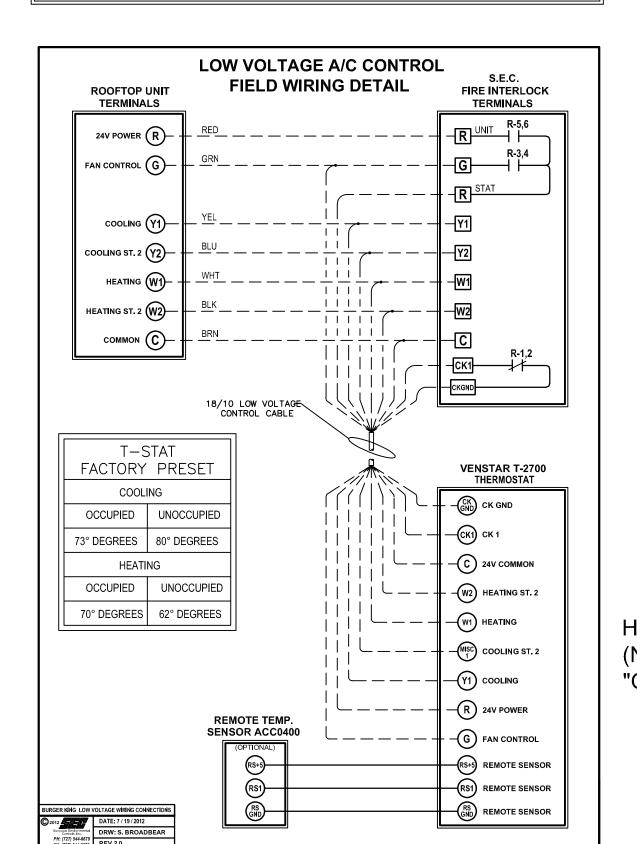
POPEYES SEQUENCE OF OPERATION

MANUAL CONTROL SYSTEM THE A/C UNITS UNOCCUPIED-OCCUPIED SWITCH IS USED TO: TURN THE STORE ON IN THE MORNING AND OFF IN THE EVENING. WHEN A/C UNIT UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE ON POSITION: THE AIR CONDITIONING SYSTEM WILL GO FROM NIGHT MODE TO SYSTEM ON. THE AIR CONDITIONING FANS WILL START AND RUN CONTINUOUSLY. THE OUTDOOR DAMPERS WILL OPEN TO A PRESET POSITION. (OPTIONAL) DAMPERS WILL NOT OPEN DURING NIGHT SET BACK MODE. (OPTIONAL) THE AIR CONDITIONERS WILL BEGIN TO COOL OR HEAT AT THE OCCUPIED TEMPERATURE SETPOINT. THE COOKING EQUIPMENT AND EXHAUST FANS CAN NOW BE TURNED ON WHEN NEEDED. WHEN A/C UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE OFF POSITION: EXHAUST FANS, SUPPLY FANS, AND EVAPORATOR BLOWERS WILL SHUT DOWN. THE HEATING AND COOLING OPERATION SHALL REVERT TO SYSTEM NIGHT SET BACK MODE. THE COOKING EQUIPMENT SHALL BE DISABLED. THE SIGNAGE LIGHTING & LOT LIGHTING SHALL BE DISABLED IF SWITCHES ARE IN THE OFF POSITION. THE PARKING LOT POLE LIGHTS & SECURITY LIGHTS SHALL REMAIN ON FOR 15 MIN AFTER THE SECURITY DEPARTURE SWITCH IS ACTIVATED. WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE IT WILL DISABLE THE LINE VOLTAGE TO THE COOKING EQUIPMENT UNDER THE HOOD. HOOD VENTILATION SYSTEM IF THE KITCHEN A/C SWITCH IS IN THE OCCUPIED POSITION, THE HOOD VENTILATION SYSTEM CAN BE STARTED. THE UNDER HOOD EQUIPEMENT SHALL BE STARTED BY MOVING THE EXHAUST FANS ON/OFF SWITCH TO THE ON POSITION. IF THE THE EXHAUST FAN SWITCH IS IN THE ON POSITION, THE MAKE-UP AIR UNIT (IF APPLICABLE) SHALL START AUTOMATICALLY. ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM SHALL DE-ENERGIZE THE MAKE UP AIR UNIT, ALL A/C UNITS, AND THE CONTROLLED COOKING EQUIPMENT. THE HOODS EXHAUST SYSTEM SHALL CONTINUE TO OPERATE TO DRAW OUT SMOKE. THE FIRE SUPPRESSION SYSTEM SHALL BE MANUALLY RESET. EXTERIOR LIGHTING CONTROL ALL OF THE EXTERIOR LIGHTING SHALL BE CONTROLLED, WITH THE EXCEPTION OF THE SECURITY LIGHTS WHICH SHALL BE OPERATED BY ITS OWN PHOTOCELL. SECURITY LIGHTING IS OPTIONAL. THE SIGNAGE SELECTOR SWITCH (3-POS.) CONTROLS THE PRIME SIGN, ALL MARQUEE SIGNS, AND BULUIDING ACCENT LIGHTING. ON POSITION: LIGHTING SHALL BE ON PERMANENTLY. OFF POSITION: LIGHTING SHALL BE OFF PERMANENTLY AUTO POSITION: LIGHTING SHALL BE CONTROLLED BY THE PHOTO CELL.

NOTE: UNOCCUPIED-OCCUPIED / MASTER RELAY PANEL SHALL BE COMPLETE WHEN SHIPPED TO THE JOB SITE. NO INTERNAL WIRING

THE LOT LIGHTS THREE POSITION SWITCH WORKS THE SAME AS THE SIGNAGE SWITCH.

SHALL BE REQUIRED. MAKE ALL EXTERNAL WIRING CONNECTIONS AS REQUIRED.



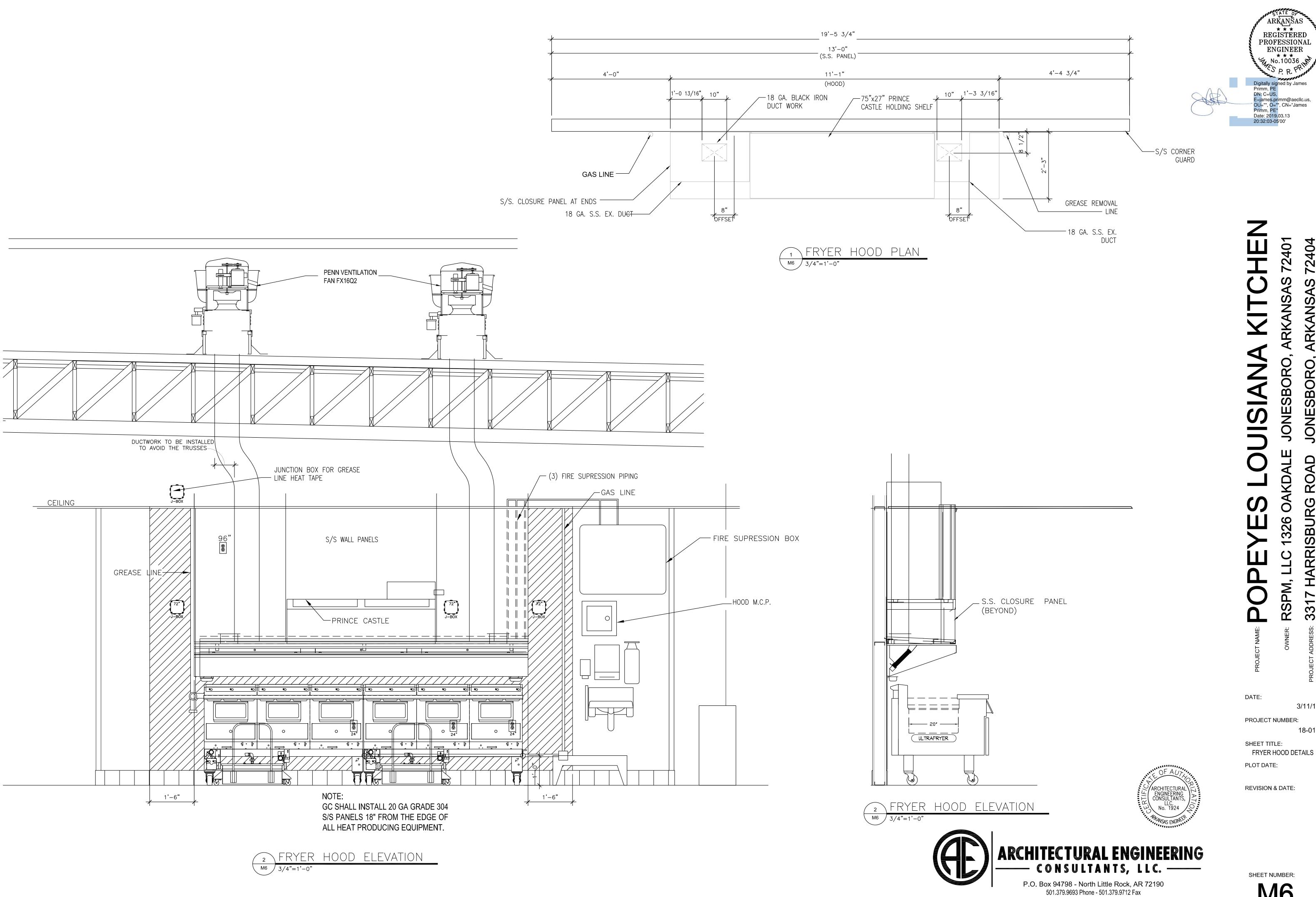
HVAC INTERLOCK PANEL (NFPA - 96 COMPLIANT) -"OPTIONAL"





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AEC Job #: 1501.19.002

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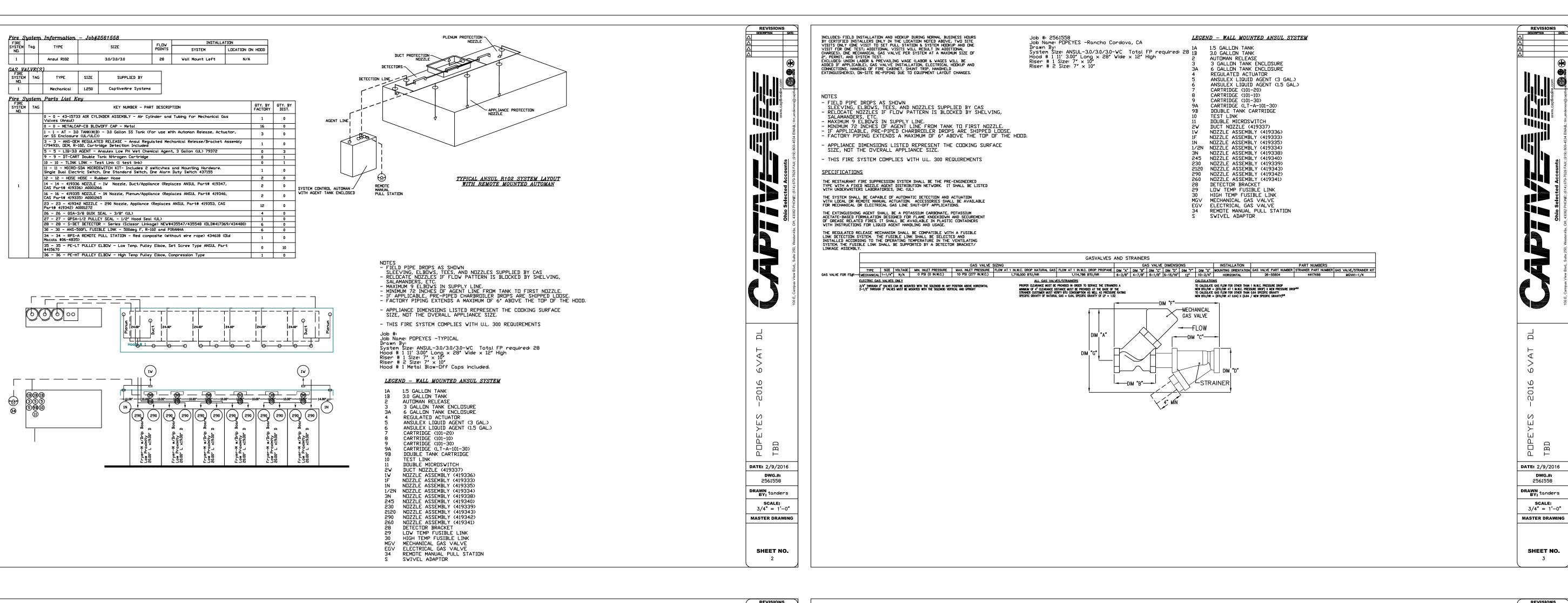
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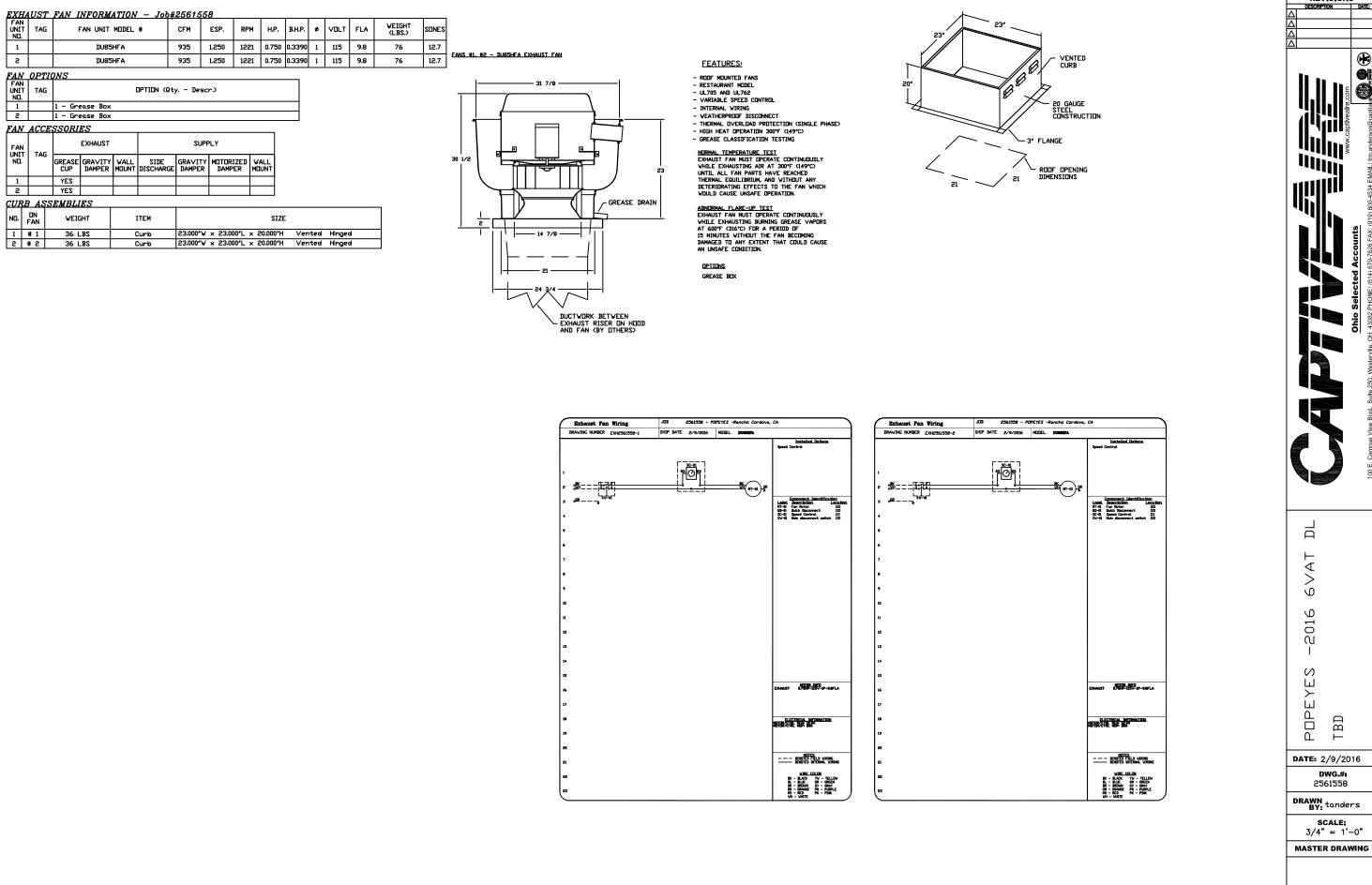
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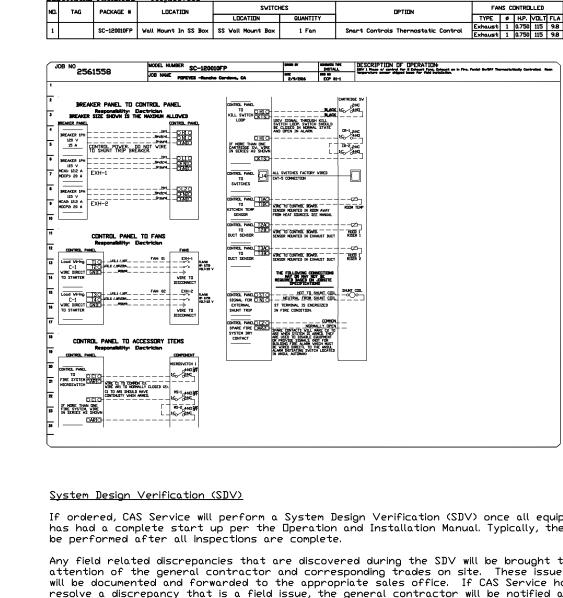
rkansas

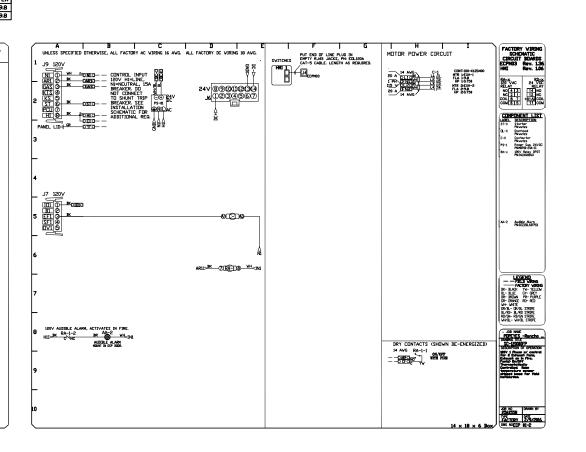
JONESBORO



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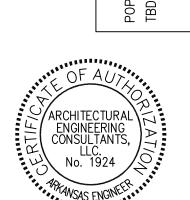




If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual Typically, the SDV will

Any field related discrepancies that are discovered during the SDV will be brought to the attention of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.





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- PLUMBING CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PRECEDES WITH A MINIMUM OF INTERFERENCE WITH OTHER TRADES.
- 2. VERIFY EXACT ROUGH-IN AND FINAL EQUIPMENT 11. INSULATE ALL WATER AND WASTE PIPING UNDER REQUIREMENTS IN FIELD.
- 3. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES AND KITCHEN EQUIPMENT. THIS INCLUDES, WITH SILICONE CAULKING. BUT NOT LIMITED TO FURNISHINGS AND INSTALLING
- 4. THE PLUMBING CONTRACTOR SHALL VERIFY THAT ALL PIPING, AS SHOWN ON THESE DRAWINGS WILL NOT CONFLICT WITH ANY DRAINS, SCUTTLES, JOINTS, VENTS, EQUIPMENT, ETC.
- COORDINATE ROUTING AND LOCATIONS OF WASTE AND VENT PIPING WITH ALL OTHER TRADES.
- 6. THE PLUMBING CONTRACTOR SHALL COORDINATE 15. PROVIDE VACUUM BREAKERS AT FIXTURES WITH WITH THE GENERAL CONTRACTOR AND OTHER TRADES, ALL REQUIRED OPENINGS AND EXCAVATIONS. ALL REQUIRED OPENINGS IN FOUNDATIONS, FLOORS, WALLS, AND ROOFS SHALL BE DESIGNED INTO THE STRUCTURE INITIALLY BY THE USE OF SLEEVES, CURBS, ETC. CUTTING AND 17. LAVATORY FAUCETS SHALL LIMIT HOT WATER FLOW PATCHING SHALL BE HELD TO MINIMUM.
- 7. ALL ITEMS PROJECTING THROUGH ROOFS SHALL BE 18. PROVIDE 1"Ø SCH 40 BLACK STL PIPE FOR GREASE FLASHED, A MINIMUM OF 12" ABOVE THE ROOF, ALL VENTS SHALL BE A MINIMUM OF 10' FROM ANY OUTSIDE AIR INTAKE.
- 8. ALL FLOOR DRAINS SHALL HAVE 6" DEEP SEAL TRAPS.
- 9. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING WATER SUPPLY TO THE COFFEE MAKERS TEA BREWERS AND ICE MACHINES.
- 10. WRAP ALL CONDENSATE PIPE IN FREEZER WITH HEAT

TRACING TAPE AND INSULATE ALL CONDENSATE DRAIN PIPING. ROUTE COOLER CONDENSATE DRAIN PIPING TO HUB DRAIN/FLOOR DRAIN AS INDICATED.

LAVATORIES WITH HANDY-SHIELD JACKET BY PLUMBEREX: (619) 633-1772.

12. POT SINKS TO BE ANCHORED TO WALL AND SEALED

ALL TRAPS, DRAINS AND SUPPLIES WITH STOPS. 13. INSTALL GAS VALVE (FBC) IN GAS LINE TO COOKING EQUIPMENT, INTERLOCK WITH HOOD FIRE PROTECTION SYSTEM. VERIFY REQUIREMENTS WITH HOOD SUPPLIER. INSTALL UNIONS AT THE SOLENOID

- 14. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL SHUTOFF COCKS. QUICK DISCONNECTS AND FLEXIBLE LINES AT GAS EQUIPMENT.
- HOSE THREAD CONNECTIONS.
- 16. PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL PIPE CONNECTIONS.
- TO 0.5 GPM AND HOT WATER TEMPERATURE TO 110° F
- DISCHARGE. RUN LINE FLUSH ON WALL BESIDE FRYERS, VERTICALLY UP IN WALL THRU CLG. SLOPE LINE @ 1"/FT TOWARDS REAR OF BUILDING. RUN LINE DOWN THRU CEILING ON FACE OF EXTERIOR WALL TO 75" AFF THEN THRU REAR WALL FOR DISCHARGE. HEAT TAPE TO BE INSTALLED ON ENTIRE LINE @ 5 WATTS/LINEAR FT. G.C. TO PROVIDE STAINLESS STEEL COVERS FOR LINE MOUNTED FLUSH ON WALLS (ENTIRE LENGTH - CEILING DOWN). REFER TO DETAIL

SPECIFICATIONS:

GENERAL PROVISIONS

- 1. SCOPE: PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE ACCOMPANYING DRAWINGS TO PROVIDE A COMPLETE AND PROPERLY OPERATING PLUMBING SYSTEM FOR THE BUILDING.
- OBTAIN WATER, SEWER, GAS TAPS, AND ANY OTHER REQUIRED UTILITIES AND EXTEND SERVICE FROM SAME TO BUILDING AS SHOWN ON DRAWINGS. VISIT THE SITE FOR UNDERSTANDING OF THE WORK TO BE DONE BEFORE SUBMITTING BID. REFER TO CIVIL DWGS FOR SITE UTILITIES.
- COORDINATE THIS WORK WITH THE WORK OF THE OTHER TRADES ON THE PROJECT. ALL PLUMBING IS TO BE ROUGHED IN WHILE THE BUILDING IS BEING CONSTRUCTED AT SUCH TIMES AS NOT TO DELAY THE GENERAL CONTRACTOR ON THE BUILDING.
- 2. GENERAL REQUIREMENTS: COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS, CODES, RULES, AND ORDINANCES GOVERNING WORK ON THIS CHARACTER. PAY FOR AND OBTAIN NECESSARY CONSTRUCTION PERMITS AND CERTIFICATES OF INSPECTION.
 - A. DRAWINGS: THE LOCATION OF THE PIPING RUNS ARE APPROXIMATE AND THE CONTRACTOR MUST MAKE ANY NECESSARY CHANGES IN THE PIPING RUNS, ETC., AND AT NO ADDITIONAL COST TO THE OWNER. OUTLET LOCATIONS ARE CRITICAL AND MUST BE LOCATED EXACTLY ACCORDING TO THE PLUMBING PLAN. COORDINATE THIS WORK WITH THE INSTALLERS OF EQUIPMENT FURNISHED AND INSTALLED BY OTHERS. REFER TO THE OTHER DRAWINGS FOR DETAILS OF THE BUILDING CONSTRUCTION AND THE OTHER MECHANICAL, ELECTRICAL, AND EQUIPMENT FEATURES.
- B. COORDINATION AND WORKMANSHIP: SCHEDULE THIS WORK SO THAT IT WILL BE PROPERLY COORDINATED WITH ALL OTHER TRADES. WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE FOR THE CLASS OF WORK INVOLVED. WORKMANSHIP SHALL ALLOW THE APPLIANCE TO OPERATE AS INTENDED AND BE INSTALLED TO BEST PROTECT THE PUBLIC AND OPERATORS FROM INJURY OR DAMAGE, AND TO PRESENT A NEAT, PLEASING, AND ORDERLY APPEARANCE.

MATERIALS AND PERFORMANCE

- MATERIALS: ALL MATERIALS SHALL BE NEW AND OF THE QUALITY INDICATED BY THE SPECIFIED BRAND NAMES. SUBSTITUTIONS OF MATERIAL OF EQUAL QUALITY BY OTHER FIRST-LINE MANUFACTURERS MAY BE ACCEPTABLE PROVIDED A LIST OF SUCH SUBSTITUTIONS IS APPROVED IN WRITING BY MRP'S ARCHITECTURE AND ENGINEERING DEPARTMENT. A SUBSTITUTIONS LIST SHALL BE SUBMITTED IN TRIPLICATE WITHIN FIVE (5) DAYS AFTER THE CONTRACT IS LET.
- 2. BACKFILLING: PERFORM ALL NECESSARY EXCAVATING AND BACKFILLING REQUIRED FOR THIS INSTALLATION. PREPARE A PROPER BED OF SAND OR GRAVEL OR EQUIVALENT IN ROCK SCREENINGS SO AS TO ELIMINATE SHIMMING AND VOID SPACE UNDER ANY OF THE UTILITY SERVICE PIPES. BENDING OF ANY HARD PIPE WILL NOT BE PERMITTED. WHERE A CHANGE IN DIRECTION IS NECESSARY ON PRESSURE PIPES, "COMPATIBLE" COUPLINGS OR EQUAL SHALL BE USED AND BENDS MAY NOT EXCEED 90 DEGREES. ALL FXCAVATION BELOW THE BOTTOM OF FOOTINGS SHALL BE BACKFILLED WITH 2000 PSI CONCRETE. OTHER BACKFILL SHALL CONSIST OF 2-3" OF SAND OR ROCK SCREENINGS AND EARTH TO A FINAL LEVEL FOUAL TO ITS ORIGINAL CONDITION. IN THE EVENT THE BACKFILL SHOULD SETTLE BEFORE THE FINAL TOP SURFACE IS APPLIED, APPLY ADDITIONAL BACKFILL TO SUSTAIN THE ORIGINAL LEVEL. CARE SHOULD BE TAKEN TO ADDITIONAL BACKFILL TO SUSTAIN THE ORIGINAL LEVEL. CARE SHOULD BE TAKEN TO MINIMIZE THE DUST LEVEL WHEN EXCAVATING AND BACKFILLING SO AS TO COMPLY WITH FEDERAL AND STATE E.P.A. REGULATIONS RELATING TO THIS TYPE OF WORK (FUGI
- 3. PIPING INSTALLATION: CLEANOUTS MUST BE INSTALLED ON MINIMUM DROP LINES EVEN THOUGH NOT SHOWN ON THE PLANS USE REDUCING FITTINGS IN MAKING REDUCTIONS IN SIZE OF PIPE. REAM ALL PIPE AFTER CUTTING, THEN TURN PIPES ON END AND KNOCK OUT ALL LOOSE DIRT AND SCALE BEFORE INSTALLING. MAKE CHANGES IN HORIZONTAL DIRECTION OF SOIL AND WASTE PIPES WITH LONG RADIUS FITTINGS OR WITH COMBINATION "Y" BRANCHES AND 1/8TH BENDS. CONNECT SOIL STACKS AT BASE TO HORIZONTAL RUNS WITH COMBINATION "Y" AND 1/8TH BENDS.

WATER SUPPLY PIPES TO FIXTURES AND WASTE PIPES FROM FIXTURES SHALL BE CENTERED IN THE PROPER PLACE RELATIVE TO THE CENTER LINE OF THE FIXTURE. NO OFFSETS WILL BE ALLOWED. ALL PIPES SHALL BE RUN MECHANICALLY STRAIGHT AND SQUARE WITH BUILDING LINES. EXCEPT FOR REQUIRED PITCH ON HORIZONTAL LINES, AND ALL CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS. WATER PIPING TO BE ROUTED IN WALLS, UNDER THE FLOOR SLAB. AND ABOVE SUSPENDED CEILINGS AS NOTED. WHERE WATER LINES ARE ROUTED UNDER THE FLOOR SLAB, NO MECHANICAL JOINTS SHALL BE MADE UNDER THE SLAB EXCEPT AS LISTED BELOW. WATER PIPING SHALL BE INSTALLED NOT TO EXERT VERTICAL NOR HORIZONTAL STRESSES ON THE SEATING OF UNIONS, UNIONS SHALL BE COPPER TYPE NIBCO #733 OR EQUAL.

NO WAX. PUTTY. OR VARNISH WILL BE PERMITTED. CRACKED FITTINGS SHALL BE REMOVED AND REPLACED WITH NEW FITTINGS. MAKE THREADED JOINTS IN BRASS PIPE AND FITTING WITH PIPE THREADING TO THE SHOULDER OF THE FITTINGS. NO SLIP JOINTS OR COUPLING JOINTS IN BRASS PIPE WILL BE PERMITTED, EXCEPT ON THE FIXTURE SIDE OF THE TRAP.

- 4. NATURAL GAS PIPING: FOR ABOVEGROUND INSTALLATIONS, ALL FITTINGS TO BE JOINED WITH TEFLON TAPE SEAL OR OTHER SUITABLE SEAL AND MADE IN CONFORMANCE WITH THE BEST PRACTICES OF AGA AND NFPA 54. UNIONS SHALL BE CAST BLACK IRON AND INSTALLED IN A MANNER SUCH THAT NO STRESS WILL BE PLACED ON THE MALE-FEMALE SEALING SURFACES. PROPER ALIGNMENT WILL BE MADE AT TIME OF INSTALLATION. ALL JOINTS AND CONNECTIONS SHALL BE THOROUGHLY CLEANED OF OIL, THREAD CUTTINGS AND RESIDUALS TO ACCEPT ENAMEL PAINT ROUGH OR SHARP EXPOSED THREAD SURFACES SHALL BE FILED SMOOTH. TESTING SHALL BE AS OUTLINED UNDER SECTION 15A, PARAGRAPH II, TESTS.
- A. MATERIALS: BLACK CARBON STEEL, SCH. 40 WITH MALLEABLE IRON THREADED FITTINGS.
- B. PAINTING: PAINT ALL GAS PIPING EXPOSED TO WEATHER WITH ONE COAT OF PRIMER, AND TWO COATS OF RUST-PROOF PAINT. COLOR SHALL MATCH BUILDING COLORS. COORDINATE WITH G.C.
- 5. WATER PIPE:

WATER METER & BACKFLOW REQUIREMENTS SHALL BE IN ACCORDANCE W/ LOCAL CODES & UTILITY COMPANIES. REFER TO CIVIL DRAWINGS FOR METER, SERVICE LINES, AND CONTAINMENT BACKFLOW PREVENTER.

JOINTS SHALL BE CLEANED AND DEBURRED AS RECOMMENDED BY THE MANUFACTURER AND FEDERAL. STATE AND LOCAL CODES AND SOLDERED AS LISTED BELOW. FLUX SHALL BE NON-CORROSIVE. ALL PIPE JOINT MATERIALS SHALL BE LEAD-FREE.

ABOVE GRADE - WHERE FITTINGS ARE SOLDERED BOTH FITTINGS AND TUBING SHALL BE CLEANED AS DESCRIBED ABOVE. UNDER NO CIRCUMSTANCES SHALL DISSIMILAR METALS COME INTO DIRECT CONTACT WITH COPPER TUBING, E.G., GALVANIZED STRAPPING, HANGERS, OR CLAMPS TO SECURE THE TUBING.

BELOW GRADE, OR FLOOR SLAB ON EARTH OR STONE FILL - HIGH TEMPERATURE, SOLDER, 1200 DEG. F OR GREATER MELTING POINT.

NOTE: WATER PIPE TO BE PROPERLY SECURED AND ALIGNED SO AS NOT TO EXERT VERTICAL OR HORIZONTAL STRESSES ON THE SEATING OF THE MATING (MALE AND FEMALE) SURFACES OF THE UNIONS.

- A. MATERIALS UNDERGROUND: TYPE "K" COPPER TUBE, SOFT
- B. MATERIALS ABOVEGROUND: TYPE "L" COPPER TUBE, HARD
- C. INSULATION: INSULATION FOR HOT AND COLD WATER PIPING SHALL BE 1/2" THICK ARMAFLEX UL LABELED OR 1" FIBERGLASS 25/50 WITH ASJ/SSL FOIL/VINYL JACKET OR EQUAL. INSULATE ALL PIPING AND FITTINGS.
- WASTE PIPING: INSTALL HORIZONTAL DRAIN AND WASTE PIPES WITH 1/4" FT. SLOPE.
- A. MATERIALS (SANITARY/GREASE WASTE & VENT): PVC SCH. 40, SOLID CORE (ASTM 2665), WITH SCH. 40 DRAINAGE PATTERN PVC FITTINGS AND SOLVENT CEMENTED JOINTS WITH TINTED PRIMER.
- EXCEPTION: SEE PLAN NOTES AND RISER DIAGRAM FOR U/G GREASE WASTE LINE BETWEEN COOKING LINE FLOOR DRAIN AND GREASE WASTE MAIN. THIS LINE SHALL BE INSTALLED WITH SERVICE WEIGHT, COATED & LINED, CAST IRON SOIL PIPE WITH MECHANICAL HUB & SPIGOT PUSH-ON JOINTS.
- COPPER OR BRASS DRAINAGE PATTERN FITTINGS AND SOLDERED C. INSULATION: INSULATE ALL ABOVEGROUND INDIRECT OR CONDENSATE DRAIN LINES COLLECTING COLD CONDENSATE

B. MATERIALS (ABOVEGROUND INDIRECT DRAIN AND CONDENSATE

DRAIN LINES): TYPE "M" COPPER TUBE, HARD DRAWN, WITH

- FROM REFRIGERATION OR HVAC EQUIPMENT. INSULATION SHALL BE 1/2" THICK ARMAFLEX, OR EQUAL.
- D. HEAT TRACING: HEAT TRACE ALL CONDENSATE DRAIN LINES INSIDE COOLERS AND FREEZERS AT 5 WATTS/LINEAR FOOT (MINIMUM).
- . PIPE SLEEVES/ESCUTCHEONS: PROVIDE CHROME-PLATED ESCUTCHEONS ON ALL PIPES PASSING THROUGH WALLS. FLOORS OR CEILINGS OF FINISHED ROOMS. ESCUTCHEONS TO BE BEATON & CADWELL, #10, 40, 6A OR EQUIVALENT WITH SET-SCREWS. PROVIDE ESCUTCHEONS ON ALL WASTE LINES FROM PLUMBING FIXTURES, WHETHER THROUGH WALLS, FLOORS, AND WHETHER CONCEALED BEHIND COUNTERS OR EXPOSED. PIPE SLEEVES SHALL BE PROVIDED WHEN PIPES PENETRATE FOUNDATION AND SHALL BE 1" LARGER THAN PIPE, SEAL SLEEVE WITH CAULKING.
- 8. PLUMBING FIXTURES: FURNISH AND INSTALL PLUMBING FIXTURES AS SHOWN ON DRAWINGS WITH ALL ACCESSORIES AND TRIM AS LISTED. ALL FIXTURES SHALL BE PROTECTED THROUGH THE COURSE OF THE CONSTRUCTION. ANY FIXTURE DAMAGED SHALL BE REPLACED WITHOUT ADDITIONAL EXPENSE TO THE OWNER.
- 9. CONNECTION TO OTHER FIXTURES: CONNECT BUILDING SERVICE PIPING, INCLUDING BUT NOT LIMITED TO WATER, DRAIN, AND GAS PIPES TO FOOD SERVICE EQUIPMENT AS INDICATED IN EQUIPMENT SPECIFICATIONS. PROVIDE BACKFLOW PROTECTION ON ICE MACHINES AND BEVERAGE EQUIPMENT SUPPLY CONNECTIONS.

- A. DRAINAGE AND VENT PIPING DRAINAGE AND VENT PIPING SHALL BE TESTED BEFORE THE PLUMBING FIXTURES ARE INSTALLED BY CAPPING THE OPENINGS AND FILLING THE ENTIRE SYSTEM WITH WATER AND ALLOWING IT TO STAND THUS FILLED NOT LESS THAN ONE (1) HOUR. INSPECT WATER LEVEL TO DETERMINE IF PIPING IS
- B. WATER PIPING THE WATER SUPPLY PIPING LINES SHALL BE TESTED BEFORE THE PLUMBING FIXTURES ARE CONNECTED BY FILLING THE ENTIRE SYSTEM WITH POTABLE WATER AND APPLYING HYDROSTATIC PRESSURE OF 100 PSI AND ALLOWING TO STAND FOR NOT LESS THAN FOUR (4) HOURS AT THIS PRESSURE TO PROVE PLUMBING INTEGRITY.
- C. GAS PIPING IN LIEU OF LOCAL REQUIREMENTS, GAS PIPING SHALL BE FILLED WITH COMPRESSED AIR TO 150 PSI AND HELD FOR A PERIOD OF FOUR (4) HOURS FACH JOINT SHALL BE CHECKED BY LIQUID SOAP OR SPECIAL LIQUID CHEMICAL FOR LEAKS. NOTE: REMOVE ALL GAS VALVES AND PROTECT FROM DAMAGE BEFORE TESTING SYSTEM.
- 11. DISINFECTION OF POTABLE WATER SYSTEM: UPON COMPLETION OF INSTALLATION DISINFECT THE WATER SYSTEM BY FILLING IT WITH SOLUTION CONTAINING 50 PARTS PER MILLION OF CHLORINE AND ALLOW IT TO STAND FOR NOT LESS THAN SIX (6) HOURS BEFORE FLUSHING THOROUGHLY AND RETURNING TO SERVICE. FURNISH CLEAN WATER SAMPLES TO THE LOCAL AUTHORITY FOR TESTING AFTER THE LINES HAVE BEEN DISINFECTED. THIS PROCEDURE TO BE IN ACCORDANCE WITH STATE PLUMBING CODE.
- 12. CLEANUP: CLEAN ALL PLUMBING FIXTURES AND EQUIPMENT THOROUGHLY BEFORE FINAL INSPECTION, LEAVING ALL READY
- 13. EXTENDED WARRANTY: WARRANT IN WRITING ANY EQUIPMENT OR MATERIALS USED IN THE INSTALLATION HAVING AN EXTENDED WARRANTY AS OFFERED BY THE MANUFACTURER PROVIDE NEW OR REBUILT ASSEMBLIES TO THE SITE FOR ANY SUCH EQUIPMENT OR MATERIALS WHICH FAIL DURING THIS PERIOD, AND INSTALL AT NO ADDITIONAL COST TO THE OWNER.
- 14. OWNER'S MANUAL: PROVIDE THE OWNER, AT THE COMPLETION OF THIS CONTRACT, WITH AN "OWNER'S MANUAL" SO LABELED. A SECOND LIKE MANUAL SHALL BE PREPARED AND FORWARDED TO THE MRP'S ARCHITECTURE AND ENGINEERING DEPARTMENT FOR "JOB RECORDS". THE MANUAL SHALL CONSIST OF A THREE-RING LOOSE-LEAF BINDER CONTAINING ALL PRINTED MATTER SUCH AS: GUARANTEE CARDS, CLEANING INSTRUCTIONS, NOTICES TO OWNER, OPERATING MANUALS, AND MAINTENANCE INSTRUCTIONS THAT MAY BE CONTAINED IN THE SHIPPING CARTONS OR HOUSING OF EQUIPMENT AND ARCHITECTURAL SPECIALTIES.

	SANITARY WASTE PIPING
—— GW ——	GREASE WASTE PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
FW	FILTERED WATER PIPING
——- G——	GAS PIPING
<	INDIRECT WASTE PIPING/CONNECTION
C	CONDENSATE WASTE PIPING
——————————————————————————————————————	GATE VALVE
—— —	GAS SOLENOID VALVE
$-\!$	CHECK VALVE
	GAS VALVE
——————————————————————————————————————	UNION
XXX	KITCHEN EQUIPMENT ITEM NO.
	FLOOR DRAIN
	HUB DRAIN
	FLOOR DRAIN
\boxtimes	FLOOR SINK
\otimes	GRADE CLEAN OUT
\boxtimes	FLOOR CLEAN OUT

WALL CLEAN OUT

VENT THRU ROOF

FLOOR CLEAN OUT

GRADE CLEAN OUT

WALL CLEAN OUT

ABOVE FINISH FLOOR

FLOOR DRAIN

FLOOR SINK

HUB DRAIN

VTR

FCO

GCO

WCO

DATE: PROJECT NUMBER: NOTES PLOT DATE: **REVISION & DATE:**

ARCHITECTURAL ENGINEERING - CONSULTANTS, LLC. ——

> P.O. Box 94798 - North Little Rock, AR 72190 501.379.9693 Phone - 501.379.9712 Fax AEC Job #: 1501.19.002

SHEET NUMBER:

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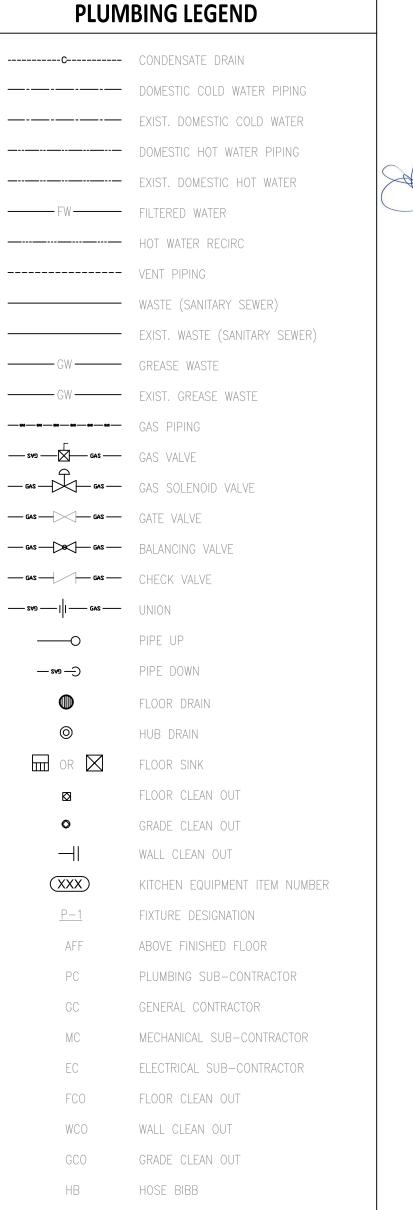
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NOT ALL SYMBOLS AND ABBREVIATIONS IN THIS LEGEND WILL APPEAR IN DRAWING.

DIAGRAM MUST BE MODIFIED.

NOTE TO PE SEALING DRAWINGS: THE ROUTING OF KITCHEN HANDSINKS TO SANITARY AND NOT THE GREASE WASTE DIFFERS FROM JURISDICTION TO JURISDICTION. PE SEALING DRAWINGS SHALL VERIFY WITH LOCAL JURISDICTION THAT KITCHEN HANDSINKS ARE TO BE PIPED TO SANITARY. IF KITCHEN HANDSINKS ARE TO BE PIPED TO GREASE PER LOCAL JURISDICTION, WASTE PLAN AND WASTE RISER

FLOOR DRAIN

FLOOR SINK

HUB DRAIN

COLD WATER

HOT WATER

TEMPERED WATER

AIR ADMITTANCE VALVE (STUDOR VENT)

FILTERED WATER

TIE INTO EXISTING

	A ARANSAS ENG
Æ	ARCHITECTURAL ENGINEER —— CONSULTANTS, LLC. —
	P.O. Box 94798 - North Little Rock, AR 72190
	501 379 9693 Phone - 501 379 9712 Fax

3773-0 375-8 775-8	WASTE AND VENT RIS SEE SHEET PI FOR PLAN NOTES 110 110 110 110 110 110 110 110 110 1	PLAN NOTES 1 4" SAN DAY WASTE PRING. SEE COME ENGINEER ON DIMERSION COORDINATE EACH INVEST LEAVE CONTINUATION. 2 4" GRACE BASTE PRING. SEE COME ENGINEER CONTINUATION. 3 4" VENT UP IN WALL FURRING. 4 "FRESH AIR TRAP. SET DITAIL 11/94, PROVIDE LOCAL LURSINCTION. 5 3" VENT UP IN WALL FURRING. 7 OFTSET WINT LINES ABONE COLING, AND ROLTE LOCAL CURSINCTION. 8 GRACE DISPOSAL LINE MOUNTED FLUSH AGAINST SEE DETM. 7/47, CC. SHALL PROVIDE STANLE COLLING - SEE GONUTAL MOTE \$18,700. 9 HOULE DRAWAGE. IO STAY LUNDER HEM K-52. 10 3" PENUE HEAT TRACE TAPE ON EXPOSED GREASE COLLING - SEE GENERAL NOTE \$18,700. 11 PROVIDE HEAT TRACE TAPE ON EXPOSED GREASE TO TAMK, SEE CHEETAL NOTE \$18,700. 12 3/4" CONDONSATE PRING BRACET TO WALK-IN N W/ADRECT CONNECTION INTO HIS DRAW. 13 EXTEND CHOCKEN WITS 2" COPPER RIDIRECT WAS LOCKE STAYL 14 PROVIDE 1 1/2" INDIRECT WASTE FROM 1 COMPARTMENT 15 PROVIDE DRAW LINE TROM REFRIGERATED BATTER GRAN. 16 PROVIDE 2" INDIRECT WASTE FROM 3 COMPARTMENT ON THE STAYLE STA
A92 (K40)	NIO 4FCO	SINK. 17 —————————————————————————————————

	T	l .			1	PLUMBING FIX	X I UF	KE SC	1		<u>.</u> E		T
MARK	FIXTURE	W	CW	HW	MANUFAC. & MODEL	DESCRIPTION	MARK	FIXTURE	W	CONN.	HW	MANUFAC. & MODEL	DESCRIPTION
P-1	WATER CLOSET (HANDICAP)	4"	1-1/2"	-	AM. STD. 3248.102	VITREOUS CHINA, 16-3/4" HIGH ELONGATED BOWL, 1.6 GPF, SIPHON JET; W/ ZURN Z-6000-WS1-YBYC FLUSH VALVE MOUNTED 11" ABOVE WATER CLOSET; CHURCH 9500CT OPEN FRONT SEAT, WHITE SOLID PLASTIC.	HD-1	HUB DRAIN	3"	-	-	-	SEE DETAIL SHEET P4
P-2	WATER CLOSET (HANDICAP)	4"	1-1/2"	_	AM. STD. 3248.102	SAME AS "P-1" EXCEPT WITH RIGHT-HAND TRIP LEVER.	FCO	FLOOR CLEANOUT	4"	-	-	PLASTIC ODDITIES PCO-700R	ADJUSTABLE CLEANOUT ASSEMBLY WITH BRONZE COVER AND METAL RING
P-3	LAVATORY (HANDICAP)	1-1/4"	1/2"	1/2"	AM. STD. 9141.011	WALL HUNG WITH 4" FAUCET HOLES, 9141.011 - AM. STD. GLEN ROCK 8123F CENTERSET LAVATORY FAUCET, POLISH CHROME FINISH	GCO	GRADE CLEANOUT	4"	-	-	PLASTIC ODDITIES PGI-622R	PROVIDE WITH METAL RING
FD-A	FLOOR DRAIN	3"	-	-	PLASTIC ODDITIES PHD 822R	HEAVY DUTY ADJUSTABLE DRAIN WITH 5" NICKEL STRAINER W/ROUND TOP	wco	WALL CLEANOUT	SEE RISER	-	-	PLASTIC ODDITIES PIP SERIES	W/ S/S COVER PLATE SSA-600
FD-B	FLOOR DRAIN	3"	_	-	PLASTIC ODDITIES PHD 822R	SAME AS FD-A, EXCEPT W/1/2" TRAP PRIMER CONNECTION	WHD	WALL HYDRANT	-	3/4"	-	WOODFORD MODEL 65	ANTI-SIPHON, AUTO DRAINING, W/ VACUUM BREAKER, FREEZLESS WALL HYDRANT, 3/4" MALE HOSE THREAD NOZZLE
FD-C	FLOOR DRAIN	4"	-	-	PLASTIC ODDITIES PHD 828R	HEAVY DUTY ADJUSTABLE DRAIN WITH 5.3" NICKEL STRAINER W/ROUND TOP	MS-1	MOP SINK W/FAUCET	3"	1/2"	1/2"	FIAT MSB 3624	MOLDED STONE 36X24, FAUCET W/VACUUM BREAKERS, 830-AA, BASE & BRACKET 832-AA.
FS-A	FLOOR SINK	3"	-	-	PLASTIC ODDITIES PFS-300-T	3" FLOOR SINK WITH DOME TOP STRAINER, AND 3/4" GRATE	WH-1	WATER HEATER	-	1"	1"	RINNAI R94LSi	INSTANTANEOUS NATURAL GAS, 199,000 BTUH INPUT, SEALED COMBUSTION DIRECT VENT, 4.2 GPM @ 80°F RISE. PROVIDE WITH MODEL MCC WALL MOUNTED CONTROLLER. REFER TO DETAIL 9/P4.
FS-B	FLOOR SINK	3"	-	-	ZURN Z-1900-2-33 12"X12"X6" A.R.E.	3" FLOOR SINK, 12"X12" A.R.E SANI-FLOR RECEPTOR, ANTI SPLASH STRAINER, ACID RESIST. PORCELAIN ENAMEL INTERIOR AND SQ. TOP							

DECODIDE ON			С	ONN.		MANUFAC.	DECORPOSITION I
DESCRIPTION	MARK	FIXTURE	W	CW	HW	& MODEL	DESCRIPTION
INA, 16-3/4" HIGH ELONGATED F, SIPHON JET; W/ ZURN BYC FLUSH VALVE MOUNTED 11" R CLOSET; CHURCH 9500CT OPEN WHITE SOLID PLASTIC.	HD-1	HUB DRAIN	3"	-	-	-	SEE DETAIL SHEET P4
' EXCEPT WITH RIGHT-HAND	FCO	FLOOR CLEANOUT	4"	-	-	PLASTIC ODDITIES PCO-700R	ADJUSTABLE CLEANOUT ASSEMBLY WITH BRONZE COVER AND METAL RING
ITH 4" FAUCET HOLES, STD. GLEN ROCK 8123F AVATORY FAUCET, POLISH H	GCO	GRADE CLEANOUT	4"	-	-	PLASTIC ODDITIES PGI-622R	PROVIDE WITH METAL RING
ADJUSTABLE DRAIN WITH 5" NER W/ROUND TOP	wco	WALL CLEANOUT	SEE RISER	1	1	PLASTIC ODDITIES PIP SERIES	W/ S/S COVER PLATE SSA-600
EXCEPT W/1/2" TRAP ECTION	WHD	WALL HYDRANT	-	3/4"	-	WOODFORD MODEL 65	ANTI-SIPHON, AUTO DRAINING, W/ VACUUM BREAKER, FREEZLESS WALL HYDRANT, 3/4" MALE HOSE THREAD NOZZLE
DJUSTABLE DRAIN EL STRAINER	MS-1	MOP SINK W/FAUCET	3"	1/2"	1/2"	FIAT MSB 3624	MOLDED STONE 36X24, FAUCET W/VACUUM BREAKERS, 830-AA, BASE & BRACKET 832-AA.
WITH DOME TOP D 3/4" GRATE	WH-1	WATER HEATER	-	1"	1"	RINNAI	INSTANTANEOUS NATURAL GAS, 199,000 BTUH INPUT, SEALED COMBUSTION DIRECT VENT, 4.2 GPM @ 80°F RISE, PROVIDE WITH MODEL MCC WALL

	LAVATORY (P3)
	HAND SINK (N10)
	PREP SINK (A35L) **
	3-COMP SINK (D40) **
	HOSE BIB (WHD)
	WATER FILTER
	FLOOR DRAIN (FD-A)
	FLOOR DRAIN (FD-B)
	HUB DRAIN (HD)
	FLOOR SINK (FS-A, FS-B)
	MOP SINK (MS-1)
	TOTAL
	BASED ON 2014 UBC - PLUM
	40.0 FU = 25.0 GPM L 19.0 FU = 13.5 GPM L
	GREASE WASTE = 67 WFU TOTAL SANITARY = 84 WFU
	** FIXTURE HAS INDIREG

1. ALL VITREOUS CHINA FIXTURES SHALL BE WHITE.

1 PLUMBING PLAN - WASTE & VENT PLAN

2. INSULATE ALL WATER AND WASTE PIPING UNDER LAVATORIES

3" VENT UP IN WALL FURRING. OFFSET VENT LINES ABOVE CEILING, AND ROUTE TO VTRs AT

4" SANITARY WASTE PIPING. SEE CIVIL ENGINEERING DRAWINGS FOR CONTINUATION. COORDINATE EXACT INVERT ELEVATION WITH SITE

4" GREASE WASTE PIPING. SEE CIVIL ENGINEERING DRAWINGS FOR CONTINUATION. COORDINATE EXACT INVERT ELEVATION WITH SITE

4" FRESH AIR TRAP. SEE DETAIL 11/P4. PROVIDE IF REQUIRED BY

LOCATIONS SHOWN, TO AVOID O.A. INTAKE FOR RTUS. GREASE DISPOSAL LINE MOUNTED FLUSH AGAINST WALL @ 3'-0" AFF (SEE DETAIL 7/P4). G.C. SHALL PROVIDE STAINLESS STEEL COVER TO CEILING - SEE GENERAL NOTE #18/PO.

3" PVC LINE RUN THROUGH CEILING FOR CO2 AND SODA LINES. COORDINATE WITH THE SODA INSTALLER.

PROVIDE HEAT TRACE TAPE ON EXPOSED GREASE LINE FROM BUILDING TO TANK. SEE GENERAL NOTE #18/PO. 3/4" CONDENSATE PIPING BRACED TO WALK-IN WALLS. SPILL

W/INDIRECT CONNECTION INTO HUB DRAIN. EXTEND CHICKEN VAT'S 2" COPPER INDIRECT WASTE LINE THROUGH

COOLER WALL TO DISCHARGE INTO HUB DRAIN. PROVIDE 1 1/2" INDIRECT WASTE FROM 1 COMPARTMENT SINK TO

PROVIDE DRAIN LINE FROM REFRIGERATED BATTER TABLES TO HUB

PROVIDE 2" INDIRECT WASTE FROM 3 COMPARTMENT SINK TO FLOOR

—----- INDICATES CAST IRON SEWER PIPE

INSTALLATION. CAST IRON REQUIRED DUE TO ELEVATED WASTE TEMPERATURES FROM FRYERS.

PLUMBING FIXTURE SUMMARY DRAIN COLD WATER | HOT WATER FIXTURE WATER CLOSET (P1, P2) 8 25 50

2 2 4 2 4 3 | 2 | 6 6 2 6 2 6 3 | 3 | 3 | 3 3 3 3 3 3 15 2 1 | 2 | 10 2 20 20 2 2 4 4 4 2 8 8

35 35

16 67 85

2 2 3 3 3 3

86

JBC - PLUMBING

USE 1-1/2" COLD WATER SERVICE USE 1" HOT WATER SERVICE = 67 WFU USE 4" SANITARY (GREASE)

7 5

1 2

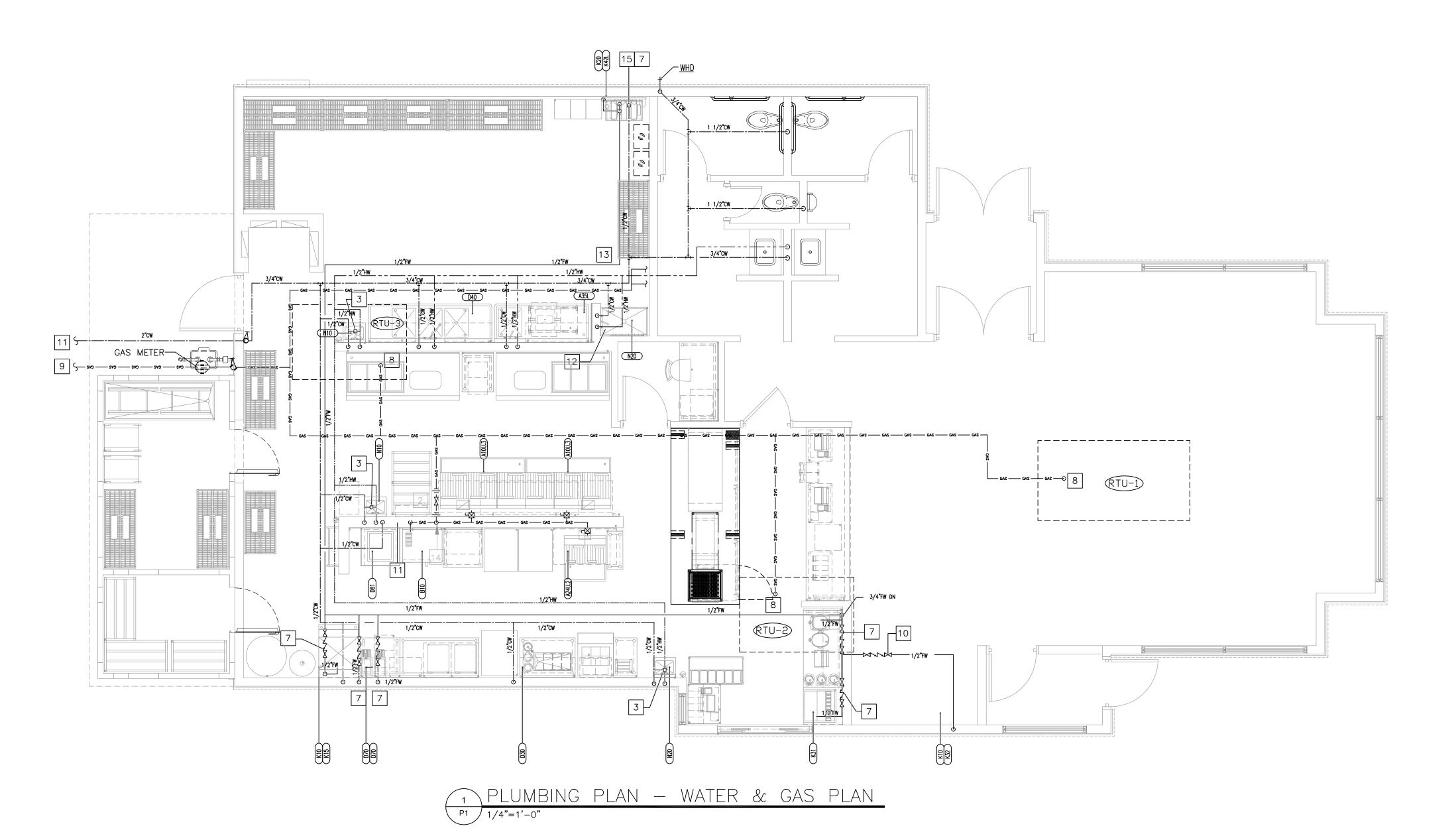
= 84 WFU USE 4" SANITARY AS INDIRECT WASTE TO FLOOR SINK.

501.3/9.9693 Phone - 501.3/9.9/12 Fax AEC Job #: 1501.19.002

DATE:

REVISION & DATE:

SHEET NUMBER:



PLAN NOTES

- 1 NOT USED.
- 2 1-1/2" AUTOMATIC GAS VALVE EXPOSED 6" BELOW CEILING HEIGHT. PROVIDED BY OWNER INSTALLED BY CONTRACTOR. INTERLOCK WITH HOOD SUPRESSION SYSTEM. REDUCE FROM 2" AT INLET, AND INCREASE TO 2" AT OUTLET. PROVIDE 2" UNION ON INLET AND OUTLET.
- TEMPERING VALVE SET AT 110° TO REST ROOM LAVATORIES, LOCATE IN ACCESSIBLE LOCATION ABOVE LAY-IN CEILING. REFER TO DETAIL 14/P4.
- 4 1-1/2" DOMESTIC WATER SERVICE, REFER TO DETAIL 10/P4. SITE WATER METER AND CONTAINMENT BACKFLOW PREVENTER BY CIVIL.
- 5 3/4" COLD WATER DOWN IN WALL TO BELOW EQUIPMENT @ + 4" AFF.
- 6 RUN 3/4" COLD WATER PIPING UNDER EQUIPMENT TO CONNECTIONS.
- INSTALL 1/2" FPT ADAPTERS AND BOOSTERS BEFORE THE FILTRATION SYSTEM
- 8 GAS PIPING EXTENDED UP THRU ROOF TO HVAC UNIT SEE DETAIL 8/SH P4.
- 9 NATURAL GAS METER, UNDERGROUND GAS SERVICE LINE, AND GAS SERVICE REGULATOR BY LOCAL GAS COMPANY. COORDINATE INSTALLATION AND PAY ALL ASSOCIATED FEES. EXTEND 2 1/2" LOW PRESSURE GAS UP EXTERIOR WALL TO ABOVE CEILING, AND INTO BUILDING. REFER TO GAS LOAD SUMMARY AND GAS RISER DIAGRAM - SHEET P3.
- 3/4" WATTS NO. 9 DUAL CHECK BACKFLOW PREVENTER IN FILTER SUPPLY LINE TO BEVERAGE AREA. LOCATE IN ACCESSIBLE LOCATION ABOVE CEILING.
- 11 REFER TO CIVIL DRAWINGS FOR CONTINUATION.
- 1" H&CW AND 1-1/2" NATURAL GAS DOWN TO INSTANTANEOUS GAS WATER HEATER MOUNTED ON WALL ABOVE MOP SINK. REFER TO DETAIL 9/P4.
- 13 WATER FILTER MOUNTED ON WALL ABOVE BAG-IN-BOX SYSTEM. STUB-OUT WATER SUPPLY @ 8'-4" A.F.F. SEE DETAIL 12/P4.
- 2" GAS DOWN, EXPOSED ON WALL. EXTEND UNDER EQUIPMENT TO FINAL CONNECTIONS. PROVIDE PLUG VALVE, REDUCER, AND AGA RATED FLEX SUPPLY AT CONNECTION.
- 15 1/2" WATTS NO. 9 DUAL CHECK BACKFLOW PREVENTER IN SUPPLY LINE TO ICE MACHINE. LOCATE IN ACCESSIBLE LOCATION ABOVE CEILING.

E	EQUIPMENT SCHEDULE									
QTY.	TAG	DESCRIPTION								
2	A10.U3	Fryer Battery, 3—20", Gas								
2 <u> </u>	A35.L	Sink, 1 Compartment, Left Hand Drain Board, 52"								
1	D30	Packing Station w/Cup Dispenser & Dipper Well								
1	D40	Sink, 3 Compartment, 94" Long, 18" DB, R & L								
2	D70	Dispenser, Hot Water w/Wall Bracket								
1	D81	Chubb Warmer, Elec. Rethermalizer								
1	E10.1	Walk-In Cooler								
1	E10.2	Walk-In Freezer								
1	H10.3PD	Production Counter, Dual Line, 52 1/4" x 134" (Prince—Castle)								
2	K10	Ice Cuber w/ Remote Condenser								
1	K20	Water Filter, Equipment								
1	K31	Soda Dispenser, 8 Heads, Drop-In, Fast Flow Valves								
1	K32	Soda Dispenser, 8 Heads, Counter w/ Ice Bin, Adapter Plate								
1	K40	CO2 Tank, Bulk								
1	K42	Bag—N—Box Rack /w 2 Carbonators on Shelves								
1	K71	Brewer, Tea & Coffee								
3	K72	Tea Dispenser, Urn, Solid Lid								
3 3 1	N10	Hand Sink, w/ Hand Free Lever								
1	N20	Mop Sink								
2	N31	Water Heater								

GAS LOAD SI	JMMARY			
DESCRIPTION	GAS LOAD (BTUH)			
BUILDING HEATING				
WATER HEATING				
KITCHEN EQUIPMENT				
TOTAL GAS LOAD	1,014,000 BTUH © 7.5" W.C. DELIVERY PRESSURE			

FRYER'S GAS PRESSURE REQ. WATER COLUMN 7" INPUT SIDE. 4" OUTPUT SIDE. G.C. TO VERIFY READINGS WHEN CHECKING SYSTEM.



PLUMBING LEGEND

DOMESTIC HOT WATER PIPING

PIPE DOWN

FLOOR DRAIN

HUB DRAIN

FLOOR SINK

FLOOR CLEAN OUT

GRADE CLEAN OUT

WALL CLEAN OUT

FIXTURE DESIGNATION

ABOVE FINISHED FLOOR

GENERAL CONTRACTOR

FLOOR CLEAN OUT

WALL CLEAN OUT

GRADE CLEAN OUT

HOSE BIBB

FLOOR DRAIN

FLOOR SINK

HUB DRAIN

COLD WATER

HOT WATER

TEMPERED WATER

FILTERED WATER

TIE INTO EXISTING

NOT ALL SYMBOLS AND ABBREVIATIONS IN THIS LEGEND WILL

APPEAR IN DRAWING.

AIR ADMITTANCE VALVE (STUDOR VENT)

PLUMBING SUB-CONTRACTOR

MECHANICAL SUB-CONTRACTOR

ELECTRICAL SUB-CONTRACTOR

KITCHEN EQUIPMENT ITEM NUMBER

FW FILTERED WATER

— GAS — GAS SOLENOID VALVE

—— SV9 —— GAS VALVE

— GAS — GAS — BALANCING VALVE

— GAS — CHECK VALVE

—— 2AD —— | | —— CV2 ——





JONESBORO

ARRISBURG ROAD

3317 H

Midland

Architecture

Odom

72205

ırkansas

3/11/19 DATE:

PROJECT NUMBER:

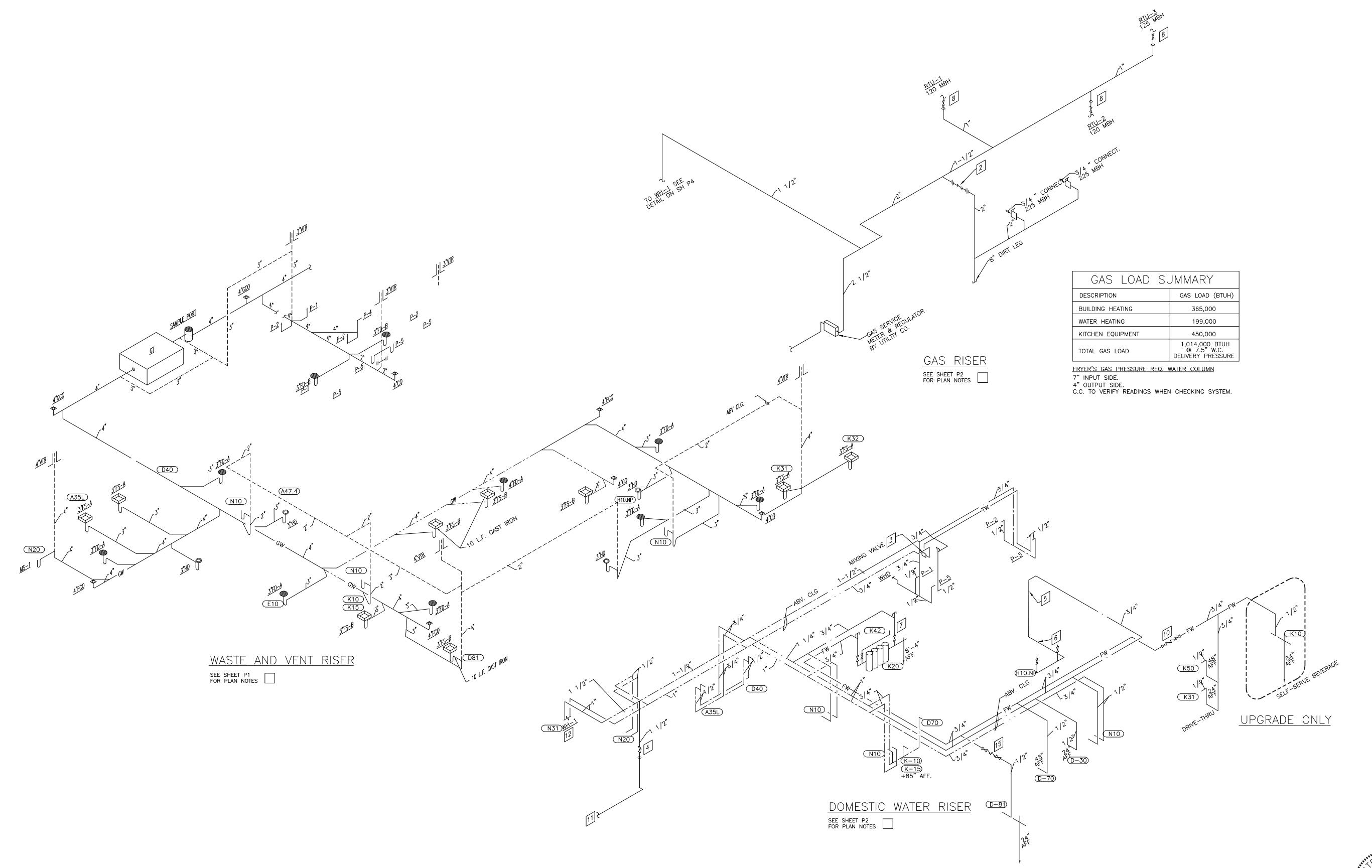
SHEET TITLE: RISER DIAGRAMS

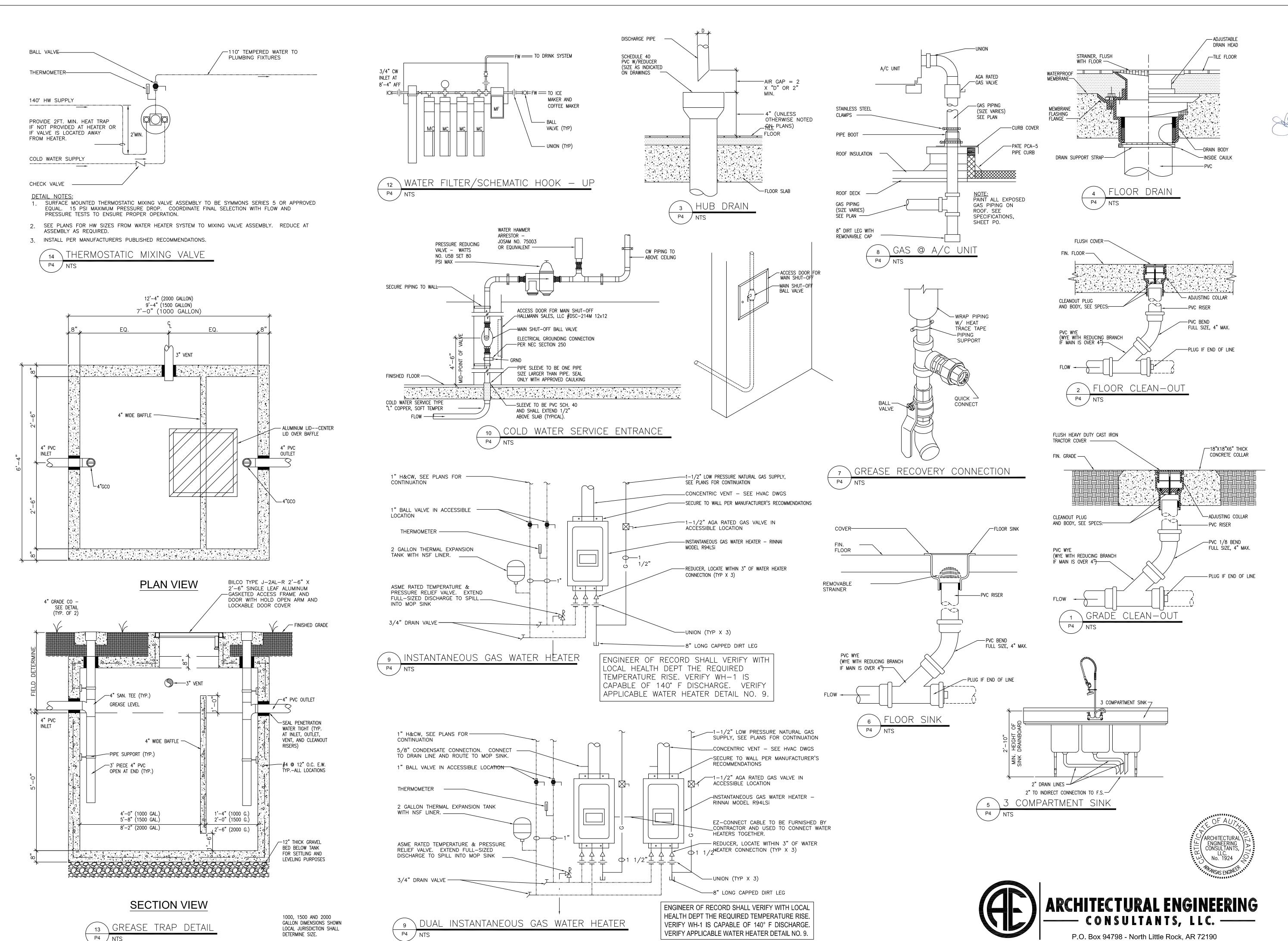
PLOT DATE:

REVISION & DATE:

SHEET NUMBER: **P3**

ARCHITECTURAL ENGINEERING CONSULTANTS, LLC. —— P.O. Box 94798 - North Little Rock, AR 72190 501.379.9693 Phone - 501.379.9712 Fax AEC Job #: 1501.19.002





ARKANSAS REGISTERED **PROFESSIONAL ENGINEER** * * * 夕 No.10036 🔾 20:41:42-05'00'

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DATE: 3/11/19

PROJECT NUMBER: 18-015

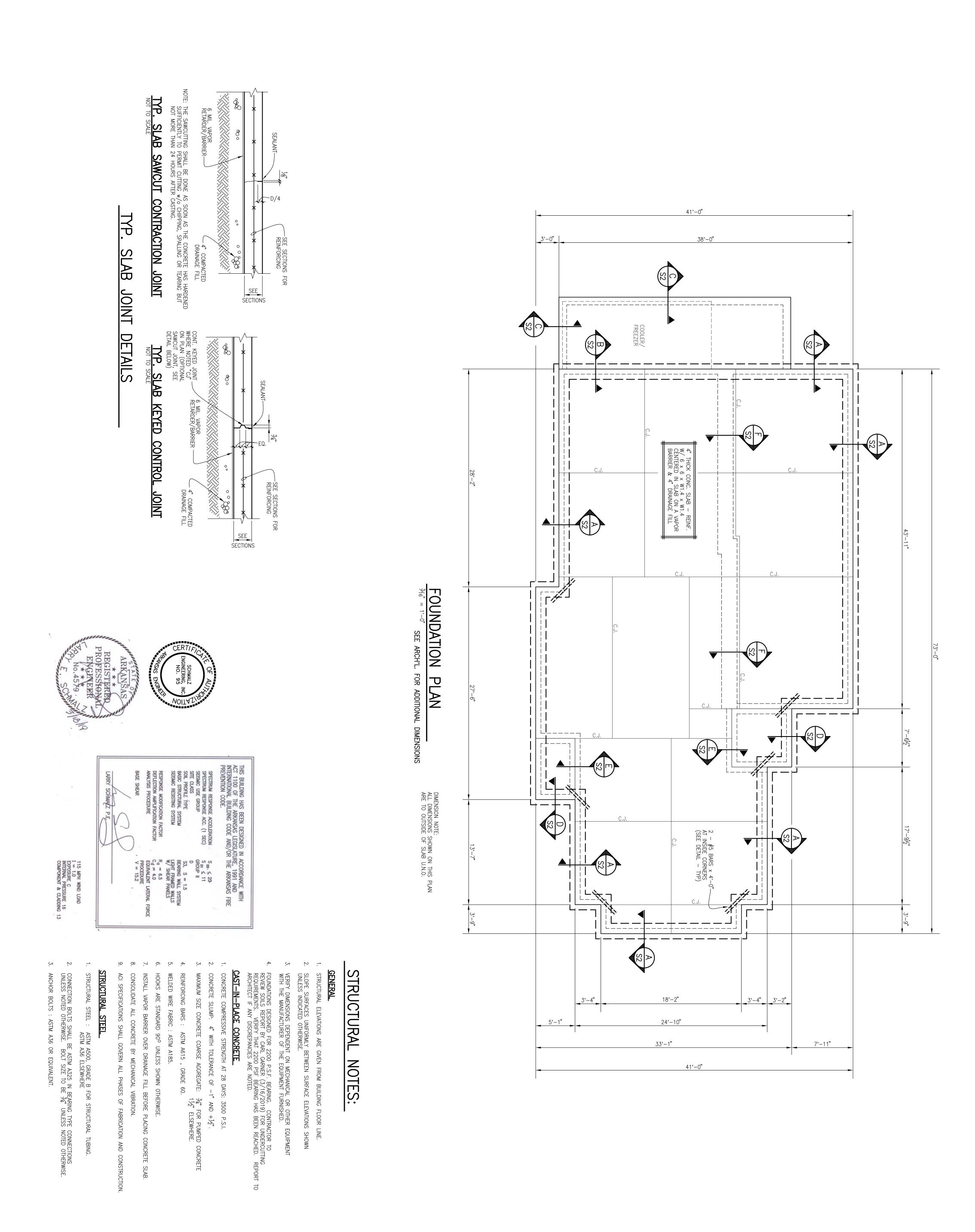
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PLOT DATE:

REVISION & DATE:

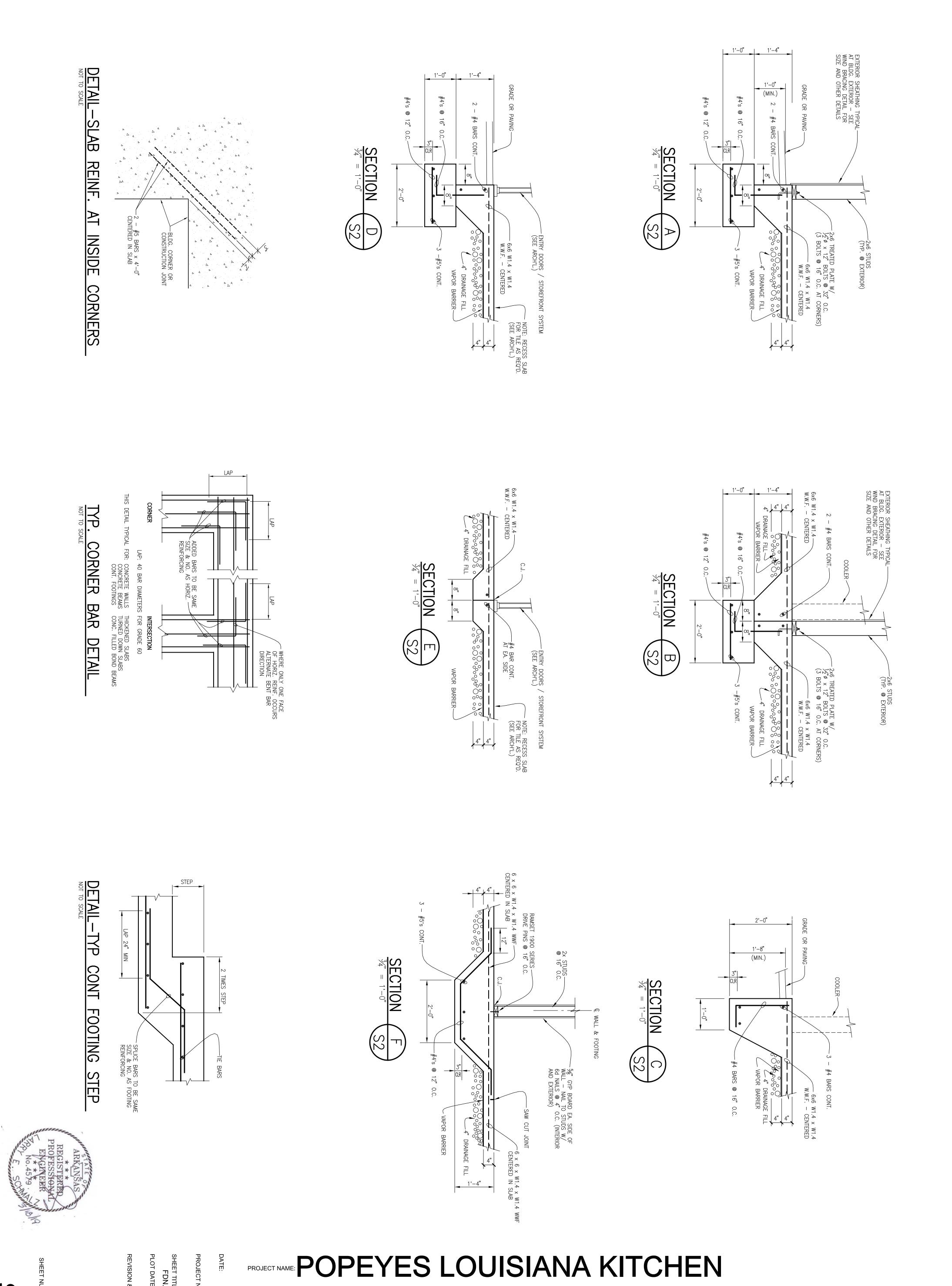
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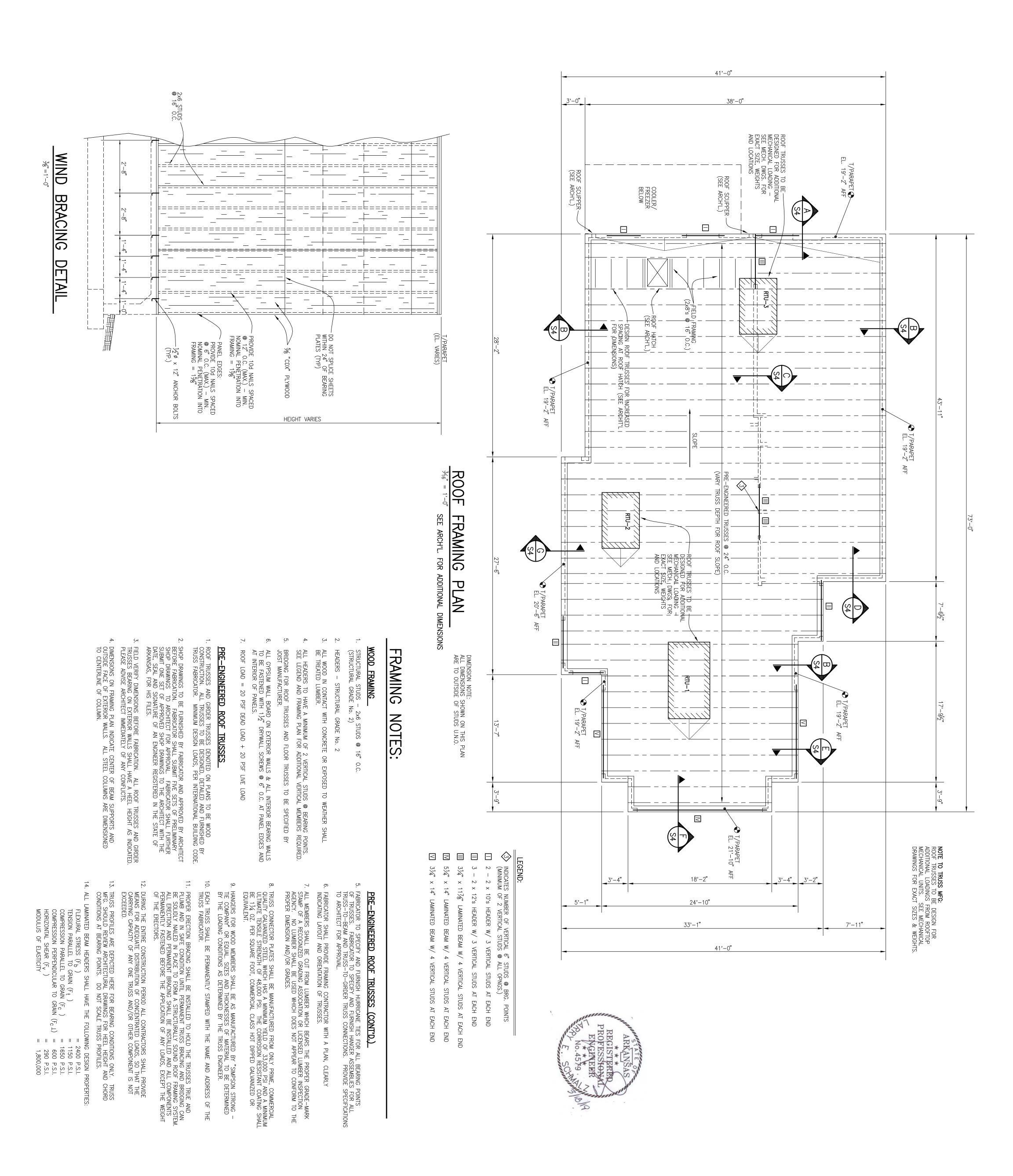
501.379.9693 Phone - 501.379.9712 Fax AEC Job #: 1501.19.002



PROJECT NAME: POPEYES LOUISIANA KITCHEN

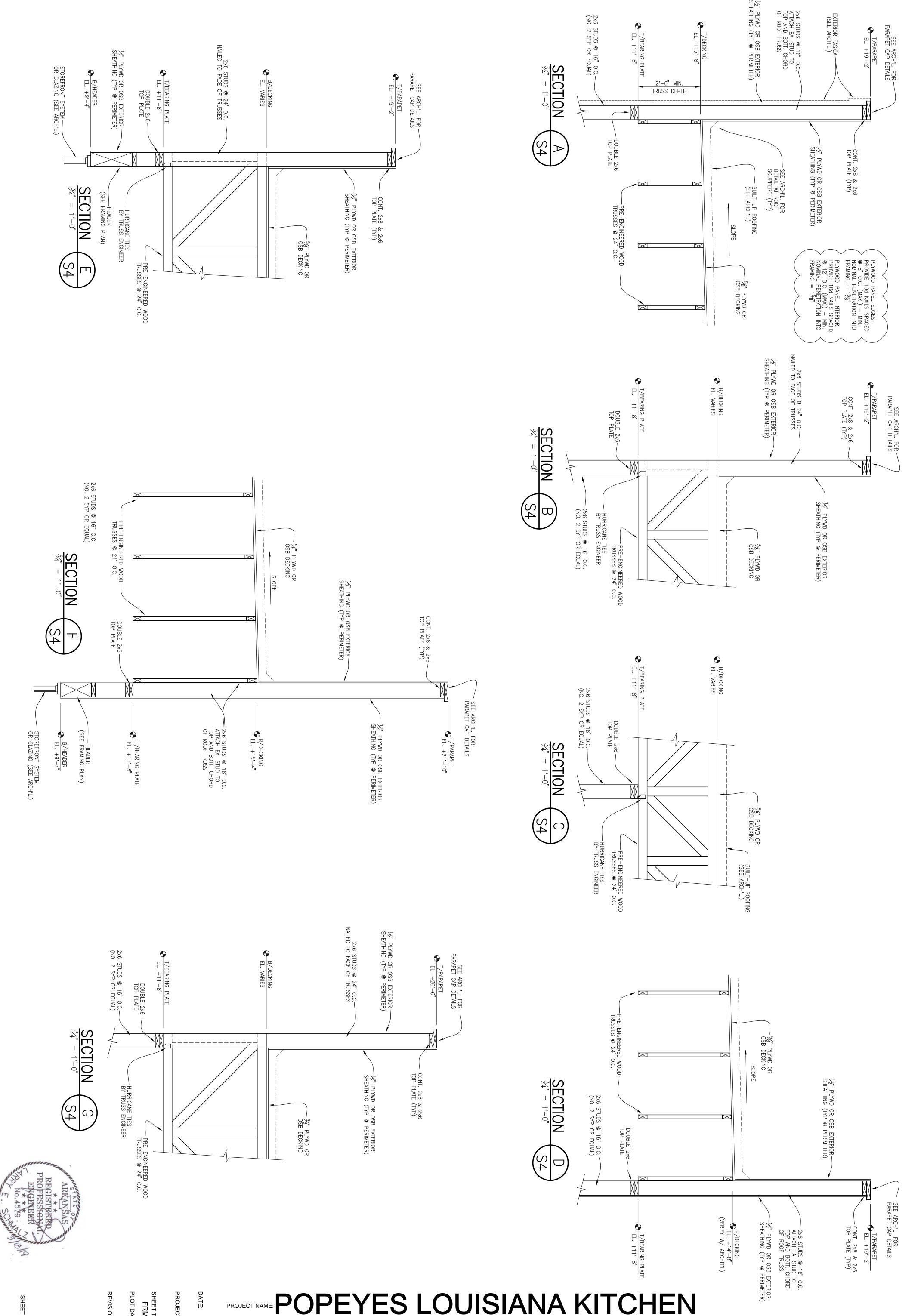
OWNER: RSPM, LLC 1326 OAKDALE JONESBORO, ARKANSAS 72401 PROJECT ADDRESS: 3317 HARRISBURG ROAD JONESBORO, ARKANSAS 72404

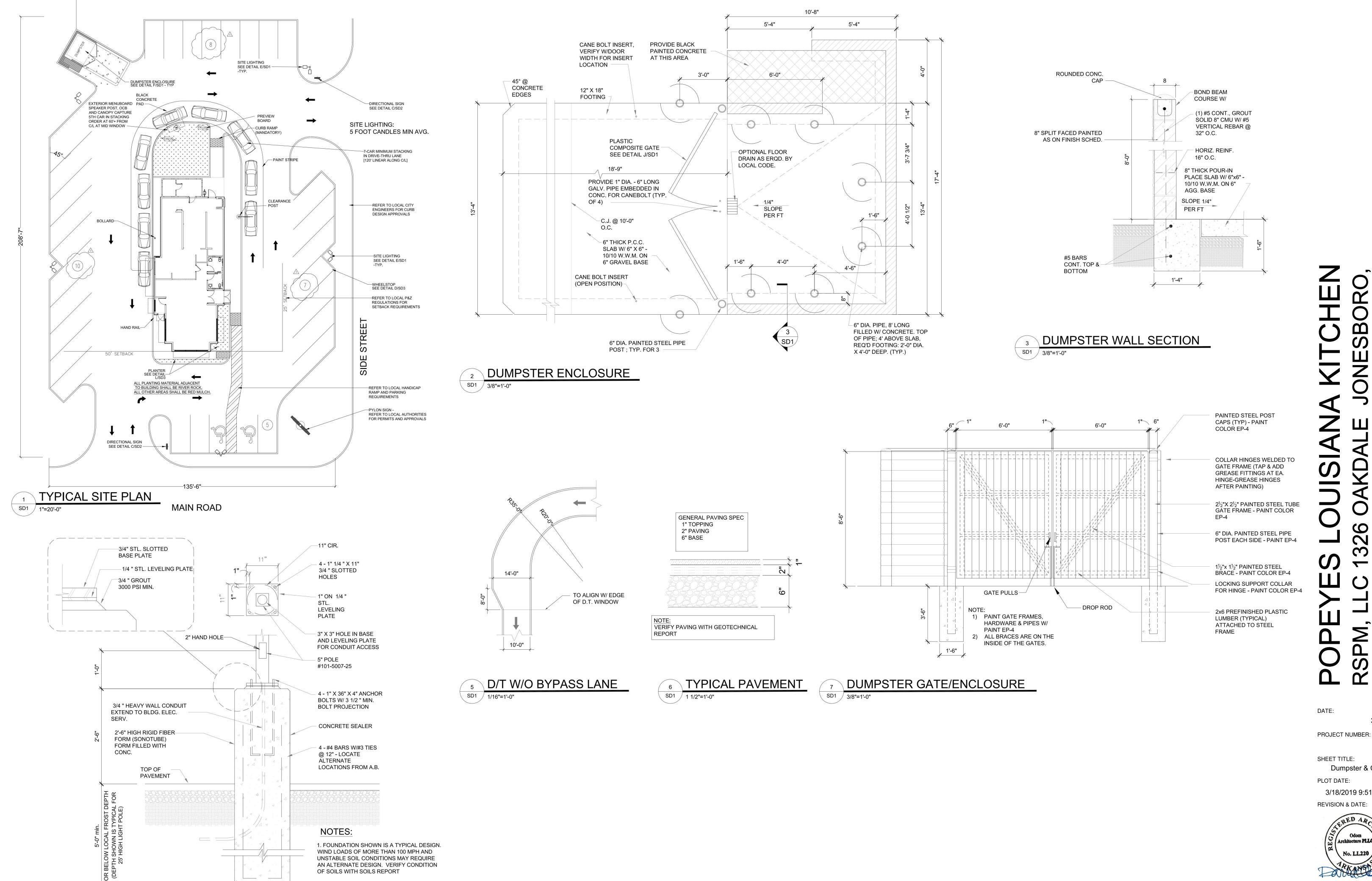




PROJECT NAME: POPEYES LOUISIANA KITCHEN

OWNER: RSPM, LLC 1326 OAKDALE JONESBORO, ARKANSAS 72401 PROJECT ADDRESS: 3317 HARRISBURG ROAD JONESBORO, ARKANSAS 72404





2. FOUNDATIONS SHALL EXTEND BELOW

FROST DEPTH PER LOCAL CODES.

21" DIA.

SITE LIGHT POLE BASE

3/4"=1'-0"

REVISION & DATE: SHEET NUMBER: odomarchitecture.com

SIGN CABINET "A"

SIGN CABINET "B'

OPTIONAL

FINISHED GRADE

STEEL SUPPORT

6" x 6" ACCESS WITH

COVER - LOCATE ON

MANUFACTURER.

SIDE 12" ABOVE BASE

REFER TO STRUCTURAL

DRAWINGS SUPPLIED BY SIGN

READERBOARD

CONNECTION DEDICATED 120V SINGLE PHASE CONSTANT POWER TO OCB

120V SINGLE PHASE POWER FOR CANOPY LIGHTS, MENUBOARD AND PREVIEW BOARD

OCB DATA AND SPEAKER CABLES CONNECT TO POS RACK IN OFFICE (PULL WITHOUT CONNECTORS)

3'-0"

CAUTION: CLEARANCE 9FT

REFLECTIVE

3" O.D. RD. PIPE

RED .040 W/ WHITE Z L2" O.D. RD. PIPE

□ CAP END

NOTE: REFER TO

MFG. DRAWINGS

5/8"x10"x10" STEEL BASE PLATE

(MATCHING TEMPLATE TO BE

SET BEFORE CLEARANCE

AUDIO CABLES FOR SPEAKERS CONNECT TO MAIN UNIT AT THE DRIVE-THRU WINDOW

PRIMARY DETECTOR LOOP WIRE CONNECTS SECONDARY DETECTOR LOOP CONNECTS TO POS THROUGH TIMING SYSTEM

1" CONDUIT

AND HEADSET

CONTROLS

(DATA / AUDIO)

- DRIVE-THRU TIMER

CONTACT:

DEBBIE BRUEGGEN; PHONE: 859-962-5605

DEBBIE.BRUEGGEN@LSI-INDUSTRIES.COM

INSERTED TO FORM A RECTANGLE 13.6 INCHES BY 6.7 INCHES THE LONG SIDE OF WHICH IS PARALLEL TO THE LONGEST SIDE OF THE CONCRETE BASE . THE FRONT TWO BOLTS NEED TO BE DRILLED 9.4 CONNECTION INCHES FROM THE CURB EDGE TO COMPLY WITH THE REQUIREMENTS POINTS ABOVE THAT THE OCB SCREEN BE 11.8 INCHES FROM THE CURB EDGE. **CEILING**

(POWER)

1" CONDUIT

(DATA / AUDIO)

ORDER CONFIRMATION

BOARD WITH SPEAKERS

3/4" CONDUIT

(LOOP ONLY)

DETECTOR LOOP -

CANOPY WITH LIGHT-

PRIMARY

THERE ARE FOUR HOLES SET OUT FOR YOU. ENSURE EACH HOLE IS 7.9 INCHES DEEP AND 0.6 INCHES IN DIAMETER. DRILL OUT IF THE CONCRETE HAS FILLED IN.

ORDER CONFIRMATION BOARD INSTALLATION

1. PRIOR TO INSTALLATION CONFIRM ALL INSTALLATION REQUIREMENTS

a. CONCRETE BASE HAS TO BE POURED, CURED AND PROPERLY SET IN

WITH THE SIGN AND MENU BOARD VENDORS.

24 INCHES DEEP

24 INCHED LONG

32 INCHED WIDE

REQUIREMENTS, WHICH ARE DETAILED BELOW:

2. BEFORE THE OCB CAN BE INSTALLED THERE ARE CERTAIN

b. THE DIMENSIONS OF THE BASE NEED TO BE A MINIMUM OF:

3. THE FOUR ANCHOR BOLTS (INCLUDED WITH THE OCB) NEED TO BE

WITHIN THESE HOLES 4 ANCHOR BOLTS (INCLUDED WITH THE OCB) NEED TO BE SECURED WITH 2-PACK RESIN/ADHESIVE (INCLUDED WITH THE OCB) WHICH SHOULD COMPLETELY FILL EACH HOLE.

6. THE ANCHOR BOLTS ARE 11.8 INCHES IN LENGTH AND 0.5 INCHES IN DIAMETER.

7. THE ANCHOR BOLTS SHOULD PROTRUDE 3.9 INCHES FROM GROUND LEVEL IN ORDER TO MOUNT THE OCB PROPERLY.

MOUNTING THE OCB.

8. THE ADHESIVE SHOULD BE ALLOWED TO SET FOR 30 MINUTES BEFORE

9. TWO (2) 1 INCH DIAMETER CONDUITS NEED TO OPEN IN THE CENTER OF THE RECTANGLE FORMED BY THE ANCHOR BOLTS TO CARRY: MAIN POWER

WIRE PLENUM VGA; AUDIO CABLE; RG59 CABLE FOR CAMERA

10. THE CONDUITS NEED TO BE A MINIMUM OF 1 INCH IN DIAMETER IN ORDER TO HOLD ALL THE REQUIRED CABLING. THERE CAN BE NO BREAKS IN THE CONDUIT AND A FLEXIBLE CONDUIT MUST BE USED, THIS MUST RUN FROM THE OCB BOX TO THE STORE - COMPLETE. DRAW WIRES ARE TO BE LEFT IN EACH CONDUIT. ONCE THE CONDUITS HAVE BEEN LAID, AND THE BASE IS FORMED AND SET IN PLACE AS SHOWN. PLEASE ENSURE YOU BAG THE ENDS OF THE CONDUIT TO ENSURE NO MOISTURE OR CONCRETE RUNS DOWN THE CONDUIT

11. THE MAIN POWER IS TO BE TRENCHED BACK AND RUN THROUGH CONDUIT TO THE RESTAURANT AND THEN TO THE MAIN POWER DISTRIBUTION BOARD. THE POWER CABLE SHOULD BE RUN IN ITS OWN CONDUIT SEPARATE FROM ALL OTHER COMMUNICATIONS CABLES. IF THE CABLES ARE TO BE RUN UP THE WALL THEN 1 INCH X 1 INCH GALVANIZED TRUNKING SHOULD BE USED. ENTRY TO THE BUILDING IS BEST TO BE MADE AT CEILING LEVEL.

12. THE VGA AND AUDIO CABLES SHOULD BE RUN IN THE SECOND ONE-INCH DIAMETER CONDUIT. THEY SHOULD BE TRENCHED AND RUN INTO THE RESTAURANT AS DOCUMENTED. DO NOT RUN POWER AND COMMUNICATION CABLES IN THE SAME CONDUIT!

13. THE ROAD INDUCTION LOOP (ONE 1 INCH DIAMETER FLEXI-TUBING) IS TO BE SET INTO THE D/T LANE, WITH THE RETURN CABLE ALSO COMING OUT IN THE CENTER OF THE OCB BASE WITH THE 2 OTHER CONDUITS.

UTILITY NOTES: GENERAL

1. ALL UTILITY CONSTRUCTION SHALL CONFORM TO THE LOCAL UTILITIES DEPARTMENT STANDARDS AND SPECIFICATIONS, AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE.

2. THE LOCATION OF EXISTING UTILITIES SUCH AS WATER MAINS, SEWERS GAS LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATED IN THE FIELD PRIOR TO START OF CONSTRUCTION.

THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES FOUND BETWEEN THE PLANS AND FIELD CONDITIONS PRIOR TO START OF CONSTRUCTION.

4. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE EXISTING UTILITY EASEMENT.

5. CONTRACTOR SHALL INSPECT PIPING AND MATERIALS BEFORE INSTALLATION TO DETECT APPARENT DEFECTS.

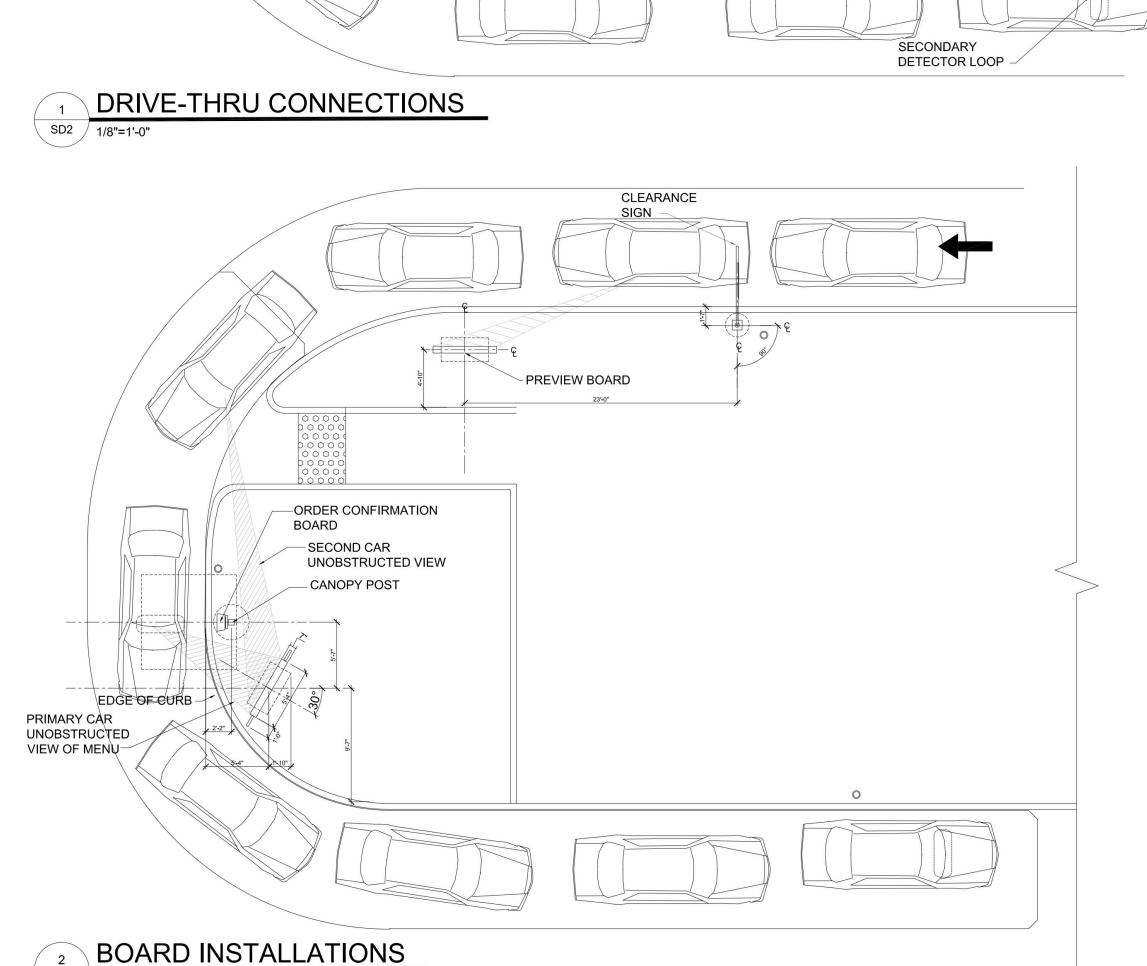
6. CLEAR INTERIOR OF PIPE OF DIRT AND OTHER SUPERFLUOUS MATERIAL AS WORK PROGRESSES. MAINTAIN SWAB OR DRAG IN LINE AND PULL PAST EACH JOINT AS IT IS COMPLETED. PLACE PLUGS IN ENDS OF UNCOMPLETED CONDUIT WHENEVER WORK STOPS.

MAINTAIN MINIMUM COVER AND SPACING PER LOCAL CODES.

8. WHERE APPLICABLE, UTILITY TRENCHES CROSSING PAVEMENT AREAS SHALL BE BACK FILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH A.A.S.H.T.O.-T-99

9. CONTRACTOR SHALL VERIFY THAT EXTERIOR SIGNS, OCB AND CAMOPIES COME COMPLETE WITH ALLL ELECTRICALS INSTALLED FOR COMPLETE INSTALLATION.

10. CONTRACTOR SHALL VERIFY THE VENDOR'S INSTALLATION REQUIREMENT FOR THE MENU BOARD AND PREVIEW BOARD.



11/4" CONDUIT

AT OFFICE -

CONDUIT "B" STUBBED UP

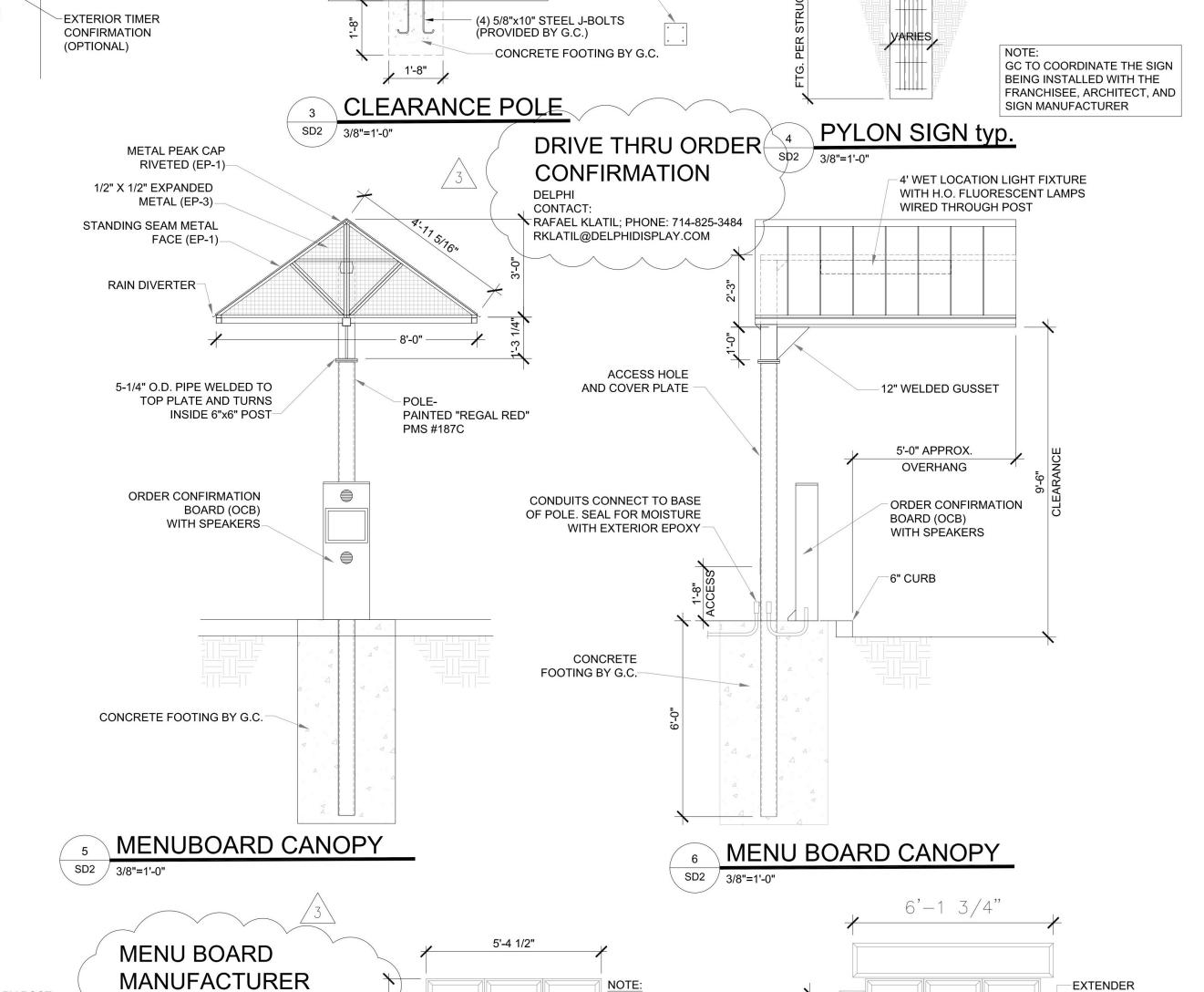
3/4" CONDUIT

(LOOP ONLY)-

(SUITABLE LOCATION)

6" AT REAR WALL

(POWER)



MENU BOARDS, STEEL PLATES AND BOLTS BY

SIGN MANUFACTURER

MOUNTING PLATE

MOUNTING PLATE

(NON-SHRINK GROUT UNDER

CONSULT ARCHITECT FOR

LEVELING PLATE BY GC)

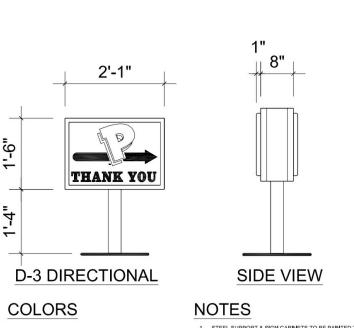
FOUNDATION DESIGN

SPECIFICATIONS

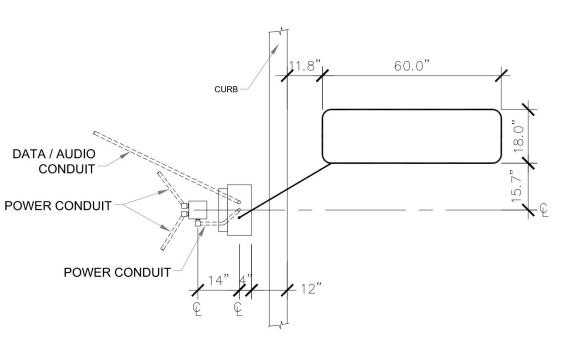
(4) ANCHOR BOLTS

STEEL TUBE

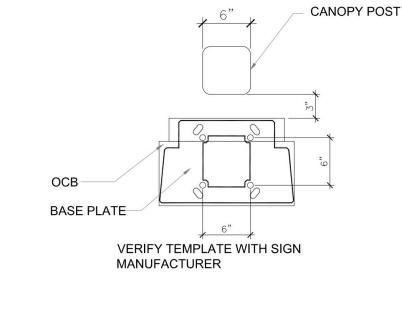




PMS 187C - ARION 253WT CARDINAL REI WHITE - ARION 020 WHITE

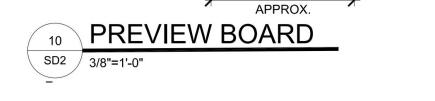


LOOP & POST CONDUITS









GRID

GRID







DATE:

EXTENDER

MOUNTING PLATE

MOUNTING PLATE

(NON-SHRINK GROUT UNDER

LEVELING PLATE BY GC)

CONSULT ARCHITECT FOR

FOUNDATION DESIGN

SPECIFICATIONS (4) ANCHOR BOLTS

STEEL TUBE

PROJECT NUMBER:

SHEET TITLE:

PLOT DATE:

REVISION & DATE:

NON-EXTRUDING

EXPANSION JOINT

#5 BARS

2"R.

CONT. TOP & BOTTOM

3/11/19

Pavement & Sidewalk

3/18/2019 9:57:46 AM

SHEET NUMBER:

574

501

odomarchitecture.com

<u>e</u>

PLOT DATE: 3/18/2019 11:13:44 AM

REVISION & DATE:

SHEET NUMBER:

SHEET TITLE: Landscape Details

3'-9" 4'-9" REVERSE ARROWS FOR OPPOSITE DIRECTION OF FLOW ALL FLOW ARROWS TO BE PAINTED PER CITY REQUIREMENTS, SOLID YELLOW REFLECTVE TRAFFIC PAINT AS PER DIMENSIONS ABOVE PAINTED TRAFFIC ARROWS PAINTED STOP SIGN STEEL FENCE POST

GRADE

LATERAL

/ 3/8"=1'-0"

FIN. GRADE SEE

NOTE 4 SHEET C-1

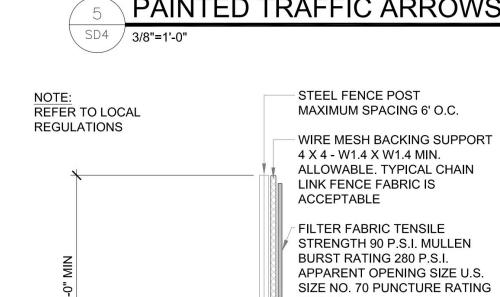
ADJUSTABLE HEAD -

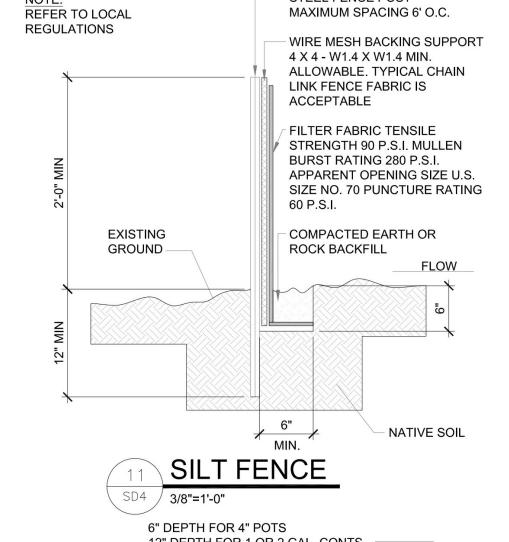
FOR PIPE SIZE AND

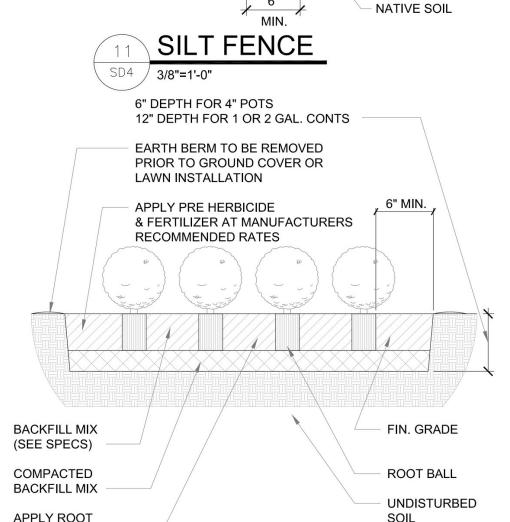
GRADING PLAN

MATERIAL. REFER TO

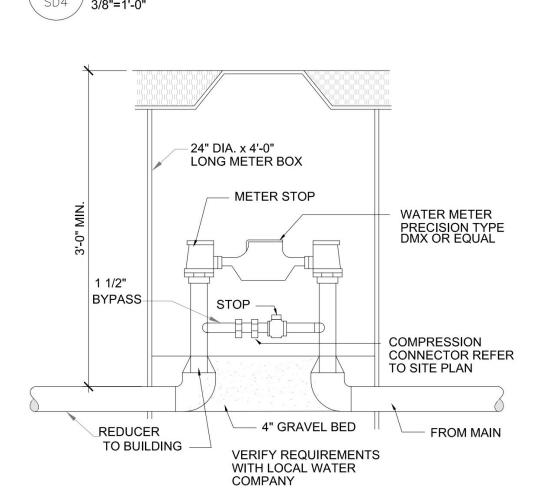
WYE



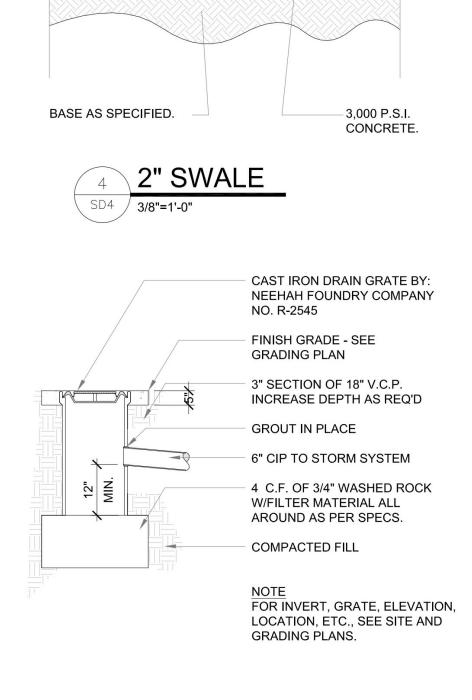








WATER METER



- PARKING LOT

SURFACE AS

SPECIFIED.

SWALE ELEVATION

REFERS TO THIS

REFER TO THIS

ELEVATION

POINT FOR PITCH

FINISH GRADE

IF LANDSCAPED-

GARTER

ELEVATIONS

REFER TO

THIS POINT

GRATING -

HEAVY DUTY

FLAT TYPE

"A" MANUF.

BY NEEHAH

MANUF. CO.

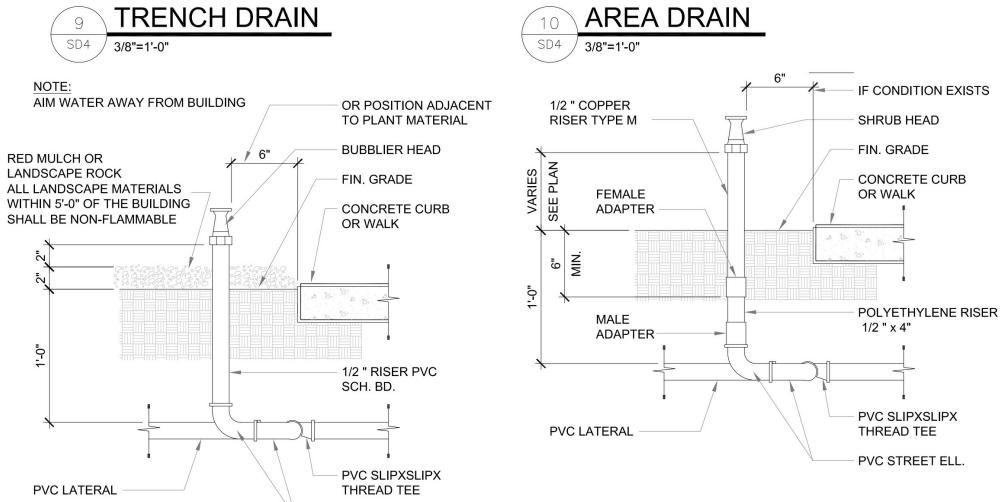
OUTLET PIPE.

SEE GRADING

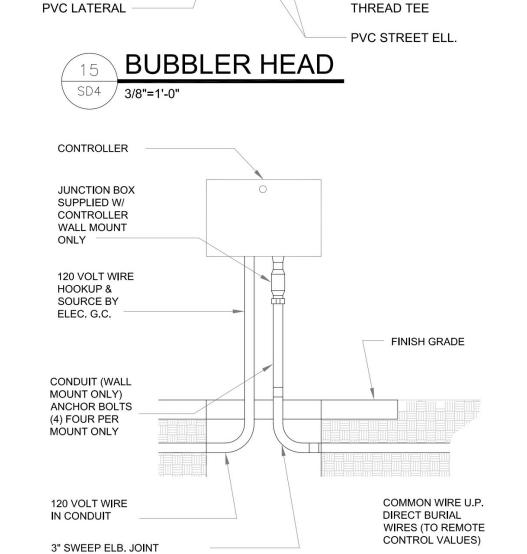
PLAN FOR

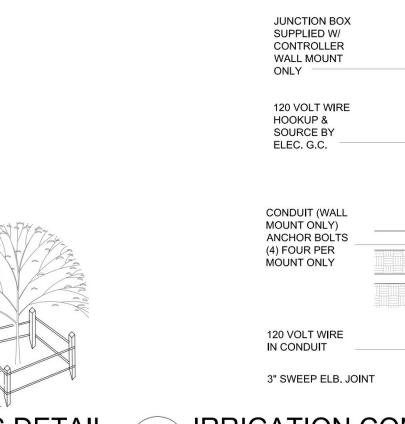
PIPE DIA.

R4999DF



BLOCKS





TOP ELEV. REFER

TO THIS POINT

CAST IRON

M.H. FRAME

1" DIA. GALV.

ANCHOR BOLT

INLET- STORM SEWER ONLY

INVERT SAN.

SEWER ONLY

SECONDARY POUR

(SAN SEWER ONLY)

SLOPE: 1/4" PER 12"

/ 3/8"=1'-0"

MANHOLE

FINISHED GRADE

1. THE ABOVE DIAGRAM ILLUSTRATES A TYPICAL BENCHING

2. THE DIAGRAM SHOWS THAT BEFORE FILL IS PLACED, THE

SECOND STEP IS CUT 8 FEET INTO THE SLOPE AND

AND COMPACTED TO THE SPECIFIED DENSITY ("B").

SUCCESSIVE LAYERS ARE AGAIN PLACED.

SLOPE BENCHING

APPLY ROOT

STIMULATOR-

BACK FILL MIX (SEE SPECS)

BACK FILL MIX

FOR THE PLACEMENT OF A FILL ON A SLOPING SURFACE.

FIRST STEP IS CUT INTO THE SLOPE A MAXIMUM DISTANCE OF ABOUT 8 FEET ("A"- ABOUT 3/4 THE WIDTH OF THE USUAL D-8 BULLDOZER BLADE). SUCCESSIVE LAYERS OF FILL ARE

THEN PLACED. BEFORE THE FINAL LAYER IS PLACED, THE

3. SELECT FILL MATERIAL SHOULD BE PLACED IN 8 INCH LIFTS

EARTH BERM TO BE REMOVED PRIOR TO

2XBALL

CONSTRUCTION OF ANY KIND ON THE SITE. BARRIERS

EROSION FABRIC, NET OR PLASTIC FENCE MATERIAL.

1. DURING CONSTRUCTION PROTECTIVE BARRIERS SHALL BE PLACED BY THE SITE CONTRACTOR TO PREVENT

DESTRUCTION OF TREES WHICH ARE DESIGNATED TO REMAIN, PROTECTION BARRIERS SHALL BE ERECTED PRIOR TO

SUFFICIENT DEPTH TO BE STABLE WITH AT LEAST FOUR (4) FEET OF POST VISIBLE ABOVE THE GROUND. POSTS SHALL

2. SHALL CONSIST OF PROTECTIVE POSTS TWO (20 inches BY (4) FOUR INCHES OR LARGER, WOODEN POSTS PLANTED IN

BE PLACED NO CLOSER THAN FIVE (5) FEET TO THE TRUNK UNLESS PROPOSED PAVING CONSTRUCTION WILL NOT

3. PROPOSED GRADES AROUND TREES TO REMAIN SHALL BE MAINTAINED TO WITHIN (4) FOUR INCHES OF THE EXISTING

4. CONTRACTOR SHALL NOTIFY ZONING DIRECTOR UPON COMPLETION OF THE TREE PROTECTION BARRIERS AND PRIOR

5. THE CONTRACTOR SHALL FOLLOW TREE REMOVAL, TREE PROTECTION AND GENERAL PLANTING REQUIREMENTS AS

6. PROTECTIVE BARRIER'S SHALL REMAIN IN PLACE AND INTACT UNTIL SUCH TIME AS CONSTRUCTION IS COMPLETE AND

7. BARRIERS SHALL BE PLACED AT THE TREE CANOPY LINE EXCEPT ADJACENT TO THE PROPOSED CONSTRUCTION AREA

8. WHERE PERMITTED BY LOCAL JURISDICTION, CONTRACTOR MAY USE ORANGE PLASTIC SAFETY FENCING IN LIE OF

WHERE IT MAY BE AT ONE HALF OF THE CANOPY DISTANCE ON ONE SIDE ONLY

O REMOVAL OF EXISTING TREES FOR A SITE INSPECTION. ZONING DIRECTOR SHALL CONDUCT A FINAL INSPECTION

ONCE THE EXISTING TREES ARE REMOVED THE 1 YEAR MAINTENANCE PERIOD SHALL BEGIN AFTER FINAL INSPECTION

APART. REFER TO TREE PROTECTION BARRIER DETAIL, EACH SECTION SHALL BE LINKED TOGETHER WITH LUMBER,

SHRUB PLANTING

DEFINED BY LOCAL JURISDICTION.

WOOD FENCING.

ALL EQUIPMENT IS REMOVED FROM SITE

TREE PROTECTION NOTES:

GROUND COVER OR LAWN INSTALLATION

APPLY PRE-EMERGENCE HERBICIDE & FERTILIZER

AT MANUFACTURERS RECOMMENDED RATES

CAST IRON MANHOLE FRAME AND COVER

BY: U.S. FOUNDRY NO. 310 (OR EQUAL) TOP TO BE IMPRINTED SANITARY OR

STORM SEWER FOR TYPE OF SERVICE

10" DIA. SUP DRAIN (STORM SEWER

ONLY) 4 C.F. OF 3/4" WASHED ROCK

SUMP WITH FILTER MATERIAL ALL

AROUND AS PER SPECS. (STORM

2'-1"

6'-4"

DIA. BASE

SEWER ONLY).

PAVEMENT FLUSH

WITH TOP OF RIM.

BRICK LEVELING

REINF. AS PER

OUTLET-STORM

SEWER ONLY.

COURSES.

SUPPLIER.

1" THICK PAVEMENT

STABILIZED

SUBGRADE

/ 3/8"=1'-0"

VALVE I.D.

VALVE BOX W/

COVER (PLASTIC)

APPROVED TYPE

GALV. STEEL

NIPPLE OR

GALV. STL

COMMON

PVC PLASTIC

MAIN LINE

COMMON

#135 CINCH TIE

OR APPROVED

#8 GALV. WIRE

W/ FLAGGING

LODGE POLE

1 1/4" GALV.

PROVIDE 6" GALV.

TREE STAKING

2" X 4" FENCING

TURNBUCKLE

PIPE TYPE.

EQUAL

FIN. GRADE

ROOT BALL

WIRE -

WIRE-

ELBOW OR

PVC -

PVC -

ELEC. CONNECTOR W/

WIRE @ EA. CONNECTION

1" OF COILED EXTRA

VARIES

SITE PLAN

3'-0"

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH GENERAL NOTES.

SHLD. REFER TO

2. FOR USE IN NON-TRAFFIC AREAS ONLY.

ASPHALT SWALE

REMOTE CONTROL VALVE

LODGE POLE

WONDER TIES OR

APPROVED EQUAL

SWALE ELEVATION REFER

4" COMPACTED BASE

FOR PAVEMENT

COURSE AS SPECIFIED

OPTIONAL PRESSURE

CONCRETE CURB

OR WALK

FINNISH

MALE PVC

ADAPTER

BLOCK

WONDER TIES OR

APPROVED EQUAL

APPLY PRE-EMERGENCE

HERBICIDE & FERTILIZER

RECOMMENDED RATES

AT MANUFACTURERS

EARTH BERM TO BE

REMOVED PRIOR TO

GROUND COVER OR LAWN INSTALLATION

APPLY ROOT

STIMULATOR

ROOT BALL

BACK FILL MIX

(SEE SPECS)

PVC PLASTIC PIPE

1 C.U. GRAVEL

THREAD TEE

PVC SLIPXSLIPX

GRADE

REGULATING MODULE

SURFACE

COMPACTED

ALTERNATE

3000 P.S.I

FOR BOTTOM

ELEVATION, SEE

GRADING PLAN

RED MULCH OR

PIPE LOCATION

TO THIS POINT

3,000 P.S.I.

CONCRETE

W.W.F. (TYP)

PAVEMENT AS

SPECIFIED -

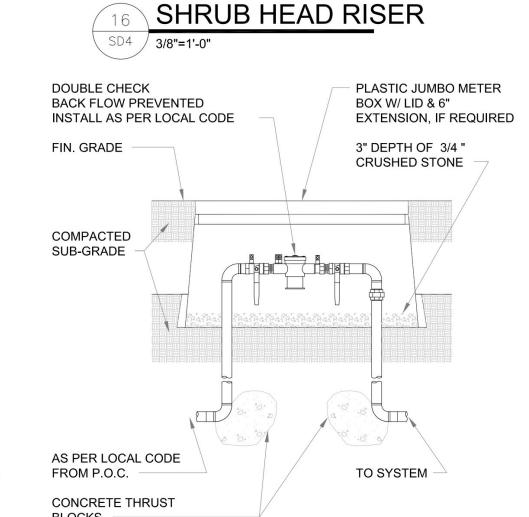
6" X 6" W1. 4X W1.4

PAVED DITCH

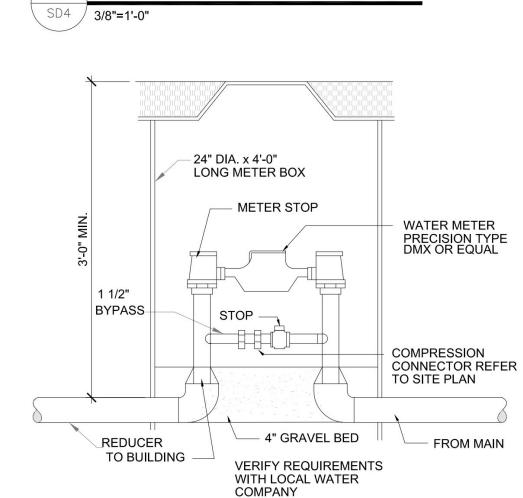
3/16" ~

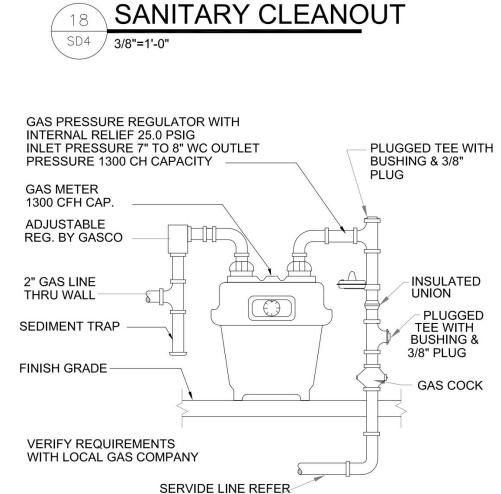
TREE BARRIERS DETAIL





BACK FLOW PREVENTER





6" WIDE LETTERS

POP-UP LAWN SHRUB HEAD

CLEAN OUT SERIES 58310 MADE BY JOSAM

MANUFACTURING CO. OR APPROVED EQUAL,

PLUG TYPE 58316 (FOR 5" PIPE) TYPE 58316

WITH SCORIATED COVER AND BRASS INTERNAL

INSTALLATION OF HEAD

PRIOR TO FINISH

FLUSH W/ FINISH

GRADE AT LAWN

CONCRETE CURB

GRADING

AREA

OR WALK

POP-UP HEAD

PVC NIPPLE

PVC SLIPXSLIPX

PVC STREET ELL.

BRASS INVERTED

HEAVY DUTY COVER

4" MIN. CONCRETE

ENCASEMENT

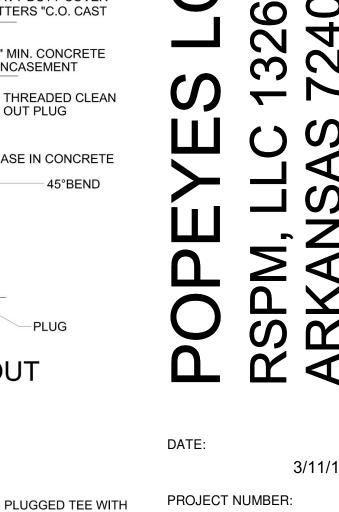
OUT PLUG

ENCASE IN CONCRETE

WITH LETTERS "C.O. CAST

THREAD TEE





SPECIFICATIONS:

DIVISION 2: SITE WORK

SECTION 2A: CLEARING THE SITE GENERAL PROVISIONS

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

PERFORMANCE

- 1. 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, FINISH 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

SECTION 2B: SITE DRAINAGE

GENERAL PROVISIONS

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

MATERIALS AND PERFORMANCE

- 1. CONCRETE PIPE SHALL CONFORM TO ASTM SPECIFICATIONS C76 CLASS III EXCEPT PIPE OVER 18" IN DIAMETER SHALL BE CLASS III AND/OR CLASS IV WHERE SURCHARGES REQUIRE.
- 2. CORRUGATED METAL PIPE SHALL CONFORM TO ASTM A-760, A761, OR A-762. FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH AISI
- 3. 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 ASTM SPECIFICATION C-478.
- 4. VITRIFIED CLAY PIPE SHALL CONFORM TO ASTM SPECIFICATION C-200 FOR EXTRA STRENGTH PIPE.
- 5. THE HEIGHTS OF STORM DRAINAGE STRUCTURES SHALL BE ADJUSTED SO THAT THE SITE DRAINS PROPERLY AS INTENDED ON THE DRAWINGS WITHIN THE SLOPE LIMITS

SECTION 2C: EARTHWORK

GENERAL PROVISIONS

- 1. 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.
- 2. QUALITY CONTROL: TO ASSURE COMPLIANCE WITH THE FILLING AND BACKFILLING COMPACTION REQUIREMENTS, A SOIL TESTING LABORATORY SHALL BE NOTIFIED BY THE CONTRACTOR TO CHECK COMPACTION WHEN SO INSTRUCTED BY THE OWNER OR HIS AGENT. PROVIDE THE OWNER WITH A COPY OF THE COMPACTION TEST RESULTS.
- 3. A SOIL REPORT WILL BE CONDUCTED AND FURNISHED BY OWNER AND SHALL BE REFERENCED FOR SPECIFIC SITE, SOIL, AND FOUNDATION MODIFICATIONS.

MATERIAL AND PERFORMANCE

- 1. 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.
- 2. ALL EXCAVATION BELOW THE BOTTOM OF THE FOOTING SHALL BE BACKFILLED WITH 2000 PSI CONCRETE, BUT EXCAVATION SHALL NO EXCEED 10' WITHOUT THE APPROVAL OF THE ENGINEER.
- 3. ALL FOUNDATION EXCAVATIONS SHALL BE FREE OF MUD, WATER, AND ALL FOREIGN MATERIAL PRIOR TO POURING.
- 4. PROVIDE ADEQUATE PROTECTION AGAINST CAVE-IN. 5. EXCAVATION FOR PLUMBING, HEATING, AND ELECTRICAL WORK SHALL BE
- DONE BY THE TRADES INVOLVED 6. 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 AND THE ENGINEER OF RECORD. 7. IN THE EVENT OF CONFLICT BETWEEN GRADES ESTABLISHED ON THE POPEYES SITE AND EXISTING GRADES ON ADJACENT PROPERTIES. THE
- OWNER AND THE ENGINEER OF RECORD SHALL BE NOTIFIED IMMEDIATELY 8. 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

- 1. 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: 2.1. CHEMICAL AS APPLIED MEETS CONCENTRATION REQUIREMENTS AND APPLICATION RATE SPECIFIED HEREIN,
- SOIL IS EFFECTIVELY TREATED AGAINST TERMITE INFESTATION FOR A PERIOD OF FIVE (5) YEARS FROM DATE OF TREATMENT, AND 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

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

CHEMICAL CONCENTRATION

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

PERFORMANCE

- 1) BECAUSE OF THE TOXIC NATURE OF THESE MATERIALS, THEY SHALL BE APPLIED CAREFULLY TO ONLY THE DESIGNATED AREAS BY AN EXPERIENCED APPLICATOR.
- FOUNDATION, WALLS, PIERS, ETC 4 GALLONS PER 10 LINEAR FEET MIX TO A DEPTH OF 1'-0" MINIMUM UNIT MASONRY AND PIERS UNDER FLOOR SLABS
- 2 GALLONS PER 10 LINAR FEET APPLY NEAR BOTTOM OF FOUNDATION SLABS
- 1.5 GALLONS PER 10 SQUARE FEET UNIFORM COVERAGE

APPLY JUST PRIOR TO INSTALLATION OF VAPOR BARRIER. IF NECESSARY FOR COMPLETE PROTECTION, SUBSEQUENT TREATMENT SHALL BE MADE BEFORE SLABS AND SIDEWALKS ARE POURED OR IF SOIL IS DISTURBED BY LATER EXCAVATION.

SECTION 2E: ROADS AND WALKS

GENERAL REQUIREMENTS

- SCOPE: FURNISH AND INSTALL ALL CURBS AND GUTTERS, PAVING. MARKING STRIPES, AND SIDEWALKS AS SHOWN ON THE SITE PLAN AND NOTED HEREIN
- QUALITY CONTROL: 2.1. SAMPLING AND TESTING:
- 2.1.1. THE OWNER IS TO EMPLOY AN INDEPENDENT LABORATORY TO CORE THE PARKING LOT ON THE DAY IT IS INSTALLED. THE OWNER IS TO ADVISE THE GENERAL CONTRACTOR OF 2.1.2.
- THE TESTING LABORATORY. THE GENERAL CONTRACTOR SHALL NOTIFY THE TESTING COMPANY OF THE DATE OF THE PAVING, WITH A MINIMUM OF ONE (1) WEEK'S ADVANCE NOTICE.
- THE GENERAL CONTRACTOR IS TO INFORM THE PAVING CONTRACTOR THAT THEY ARE TO INCLUDE IN THEIR PRICE THE REPLACEMENT OF THE CORES AS SPECIFIED IN SECTION 2E: PERFORMANCE: ASPHALT: D. TO ENSURE THE INTEGRITY OF THE PAVEMENT AND FULL WARRANTY.

TESTED WITH A 10' STRAIGHT EDGE, SHALL NOT CONTAIN

SMOOTHNESS: THE SURFACE OF THE COMPLETED WORKS, WHEN

IF REQUESTED BY THE OWNER, FURNISH FOR TEST AND ANALYSIS REPRESENTATIVE SAMPLES OF THE MATERIALS TO

MATERIALS

1. CONCRETE: CAST-IN-PLACE CONCRETE AS HEREINAFTER SPECIFIED IN SECTION 3A: CONCRETE ASPHALT PAVEMENT:

IRREGULARITIES IN EXCESS OF 1/4 INCH.

- 2.1. ASPHALT MATERIAL AND APPLICATION SHALL BE ACCORDING TO DESIGN SPECIFICATIONS PROVIDED BY SOIL ENGINEERS REPORT. 2.1.1. ALL MATERIAL AND CONSTRUCTION PROCEDURES ARE TO MEET STATE HIGHWAY DEPARTMENT SPECIFICATIONS.
- PAVEMENT SECTION 6 INCHES AGGREGATE BASE COURSE.
- 2 INCHES ASPHALT BINDER. 2.1.2.3. 1 INCH ASPHALT SURFACE COURSE, PRIME COAT OF APPROXIMATELY 0.3 GALLONS PER SQUARE YARD OF CUT BACK ASPHALT PRIMER SHALL BE APPLIED TO
- SURFACE OF STONE BASE COURSE. 3. TRAFFIC MARKING PAINT: MARK ALL PARKING BAYS, ARROWS AND OTHER TRAFFIC MARKINGS INDICATED ON THE SITE PLAN, PAINT "TRAFFIC YELLOW" REFER TO SITE PLAN. ALL PAINT PRODUCTS TO COMPLY WITH STATE HIGHWAY SPECIFICATIONS.
- SEALER: TARFLEX WATER-BASED BLACKTOP SEALER.

PERFORMANCE

- CONCRETE: 1.1. EXTERIOR CONCRETE: CURBS AND GUTTERS SHALL BE ACCORDING TO DETAILS ON PLANS. SIDEWALKS AND PATIO SLABS SHALL BE POURED 4" THICK OVER WELL TAMPED EARTH BASE, WITH OUTSIDE EDGES THICKENED AND REINFORCED AS SHOWN. SLOPE TO DRAIN. AFTER SCREEDING AND TROWELING TO PROVIDE A UNIFORM SURFACE, BROOM LIGHTLY BEFORE FINAL SET. PROVIDE CONTROL JOINTS AS SHOWN. CURE IN ACCORDANCE WITH SECTION 3A: CONCRETE. WHERE REQUIRED BY LOCAL CODE OR HIGHWAY DEPARTMENT REGULATIONS, PROVIDE CONCRETE APPROACHES FROM STREET IN COMPLIANCE WITH SUCH REGULATIONS. ANY ALTERATIONS TO EXISTING SIDEWALKS REQUIRED FOR PROPER APPROACHES ARE TO BE CONSIDERED PART OF THE CONTRACT.
- PAVEMENT PREPARATION FOR SUBGRADE THE BOTTOM OF THE EXCAVATION OR THE TOP OF THE FILL SHALL BE KNOWN AS THE PAVEMENT SUBGRADE AND SHALL CONFORM TO THE LINES, GRADE, AND CROSS SECTIONS SHOWN IN THE PLANS. ALL SOFT AND YIELDING MATERIAL AND PORTIONS OF THE SUBGRADE THAT WILL NOT COMPACT READILY WHEN ROLLED OR TAMPED SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. THE SUBGRADE SHALL BE BROUGHT TO A FIRM AND UNYIELDING CONDITION BY COMPACTING IT TO UNIFORM DENSITY. SOIL SHOULD BE COMPACTED AT OR SLIGHTLY ABOVE STANDARD OPTIMUM MOISTURE. ALL UTILITY TRENCHES AND STRUCTURE EXCAVATIONS SHALL BE BACKFILLED TO NATURAL OR FINISHED GRADE WITH GRANULAR MATERIAL AS SOON AS CONDITIONS PERMIT. ALL BACKFILL SHALL BE COMPACTED WITH MECHANICAL TAMPERS IN LAYER NOT OVER 6" IN COMPACTED THICKNESS TO DENSITIES SIMILAR TO THAT OF SURROUNDING SOILS. CONCRETE SHALL NOT BE PLACED ON A SOFT, SPONGY, FROZEN. OR OTHERWISE UNSUITABLE SUBGRADE. THE SUBGRADE SHALL BE MOIST WHEN CONCRETE IS PLACED.
- CONCRETE PLACEMENT AND FINISHING READY-MIXED CONCRETE HAULED IN TRUCK MIXERS OR TRUCK AGITATORS SHALL BE DEPOSITED IN PLACE WITHIN NINETY (90) MINUTES FROM THE TIME WATER IS ADDED TO THE MIX. BEFORE PLACING CONCRETE, FREESTANDING WATER, SNOW, ICE, OR OTHER FOREIGN MATERIALS SHALL BE REMOVED FROM SUBGRADE. ALL FORMS SHALL BE THOROUGHLY CLEANED, SECURED IN POSITION, AND COATED WITH A FORM-RELEASE AGENT. CONCRETE SHALL BE PLACE, STRUCK OFF, CONSOLIDATED, AND FINISHED TO PLAN GRADE WITH A MECHANICAL FINISHING MACHINE, VIBRATING SCREED, OR BY HAND-FINISHING METHODS WHEN APPROVED. IN LIEU OF FIXED FORMS, THE CONTRACTOR MAY PLACE CONCRETE WITH A SLIPFORM PAVER DESIGNED TO SPREAD, CONSOLIDATE, SCREED, AND FLOAT FINISH THE FRESHLY PLACED CONCRETE IN ONE (1) COMPLETE PASS OF THE MACHINE. PAVEMENT SHALL BE PITCHED TO AREA DRAINS OR PERIMETER AREAS TO REMOVE WATER. AFTER CONCRETE HAS BEEN STRUCK OFF AND CONSOLIDATED, A BULLFLOAT MAY BE USED TO REMOVE ANY HIGH OR LOW SPOTS. BULLFLOAT USE SHALL BE CONFINED TO A MINIMUM. A FINAL SKID-RESISTANT FINISH SHALL BE MADE WITH A BURLAP DRAG OR BROOM.
- 1.4. JOINTS -UNLESS SHOWN ON THE PROJECT DRAWINGS, A JOINTING PLAN SHALL BE PREPARED BY THE CONTRACTOR AND APPROVED BEFORE PAVING BEGINS. CONTROL JOINTS OR CONTRACTION JOINTS SHALL BE FORMED BY ONE (1) OF THE FOLLOWING METHODS: SAWING, FORMING BY HAND, FORMING PREMOLDED FILLER, OR USING FULL-DEPTH CONSTRUCTION JOINTS. JOINT DEPTH SHALL BE A MINIMUM OF 1/4 THE SLAB THICKNESS. HAND-FORMED JOINTS SHALL HAVE A MAXIMUM EDGE RADIUS OF 1/4" SAWING OF JOINTS SHALL BEGIN AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESSIVE RAVELING. ALL JOINTS SHALL BE COMPLETED BEFORE UNCONTROLLED SHRINKAGE CRACKING OCCURS. JOINTS SHALL BE CONTINUOUS ACROSS THE SLAB, UNLESS INTERRUPTED BY FULL-DEPTH PREMOLDED JOINT FILLER. JOINTS SHALL EXTEND COMPLETELY THROUGH THE CURB. JOINT OPENINGS WIDER THAN 1/4" SHALL BE CLEANED AND SEALED BEFORE OPENING PARKING AREA TO TRAFFIC. ISOLATION JOINTS (EXPANSION JOINTS) SHALL BE USED TO ISOLATE FIXED OBJECTS ABUTTING OR WITHIN THE PAVED AREA. THEY SHALL CONTAIN PREMOLDED JOINT FILLER FOR THE FULL DEPTH OF THE SLAB. WHEN APPROVED, THE CONTRACTOR SHALL BE PERMITTED TO MAKE MINOR ADJUSTMENTS IN JOINT LOCATION TO MAKE THEM COINCIDE WITH DRAINAGE OR OTHER STRUCTURES. DOWELS 18" LONG SHALL BE USED ON ALL JOINTS
- ON 18" CENTERS 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 HAVE 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 INSTALL BEFORE ACTUAL PLACEMENT BEGINS THE EQUIPMENT NEEDED FOR ADEQUATE

- 1.5. 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:
- 2.1. 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 SITE. 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 THE OWNER WILL DETERMINE CONDITION OF SUB-GRADE PRIOR TO PAVING AT THE REQUEST OF THE CONTRACTOR
- 2.2. 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 BE 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 PERMITTED.
- 2.3. COMPACTION ASPHALT BASE AND SURFACE: ROLLING SHALL START AS SOON AS THE HOT MIX MATERIAL CAN BE COMPACTED WITHOUT DISPLACEMENT. ROLLING SHALL CONTINUE UNTIL THOROUGHLY COMPACTED AND ALL ROLLER MARKS HAVE DISAPPEARED.
- 2.4. SPECIFICATIONS FOR SAMPLING AND PATCHING NEW ASPHALTIC CONCRETE PAVEMENTS. 2.4.1. 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. 2.4.2. SUFFICIENT CORES SHALL BE TAKEN IN BOTH PARKING STALLS AND DRIVES TO ENSURE REPRESENTATIVE SAMPLING. HOWEVER,
- NO LESS THAN FOUR (4) LOCATIONS SHALL BE TESTED 2.4.3. THE TESTING LABORATORY SHALL NOTIFY THE GENERAL CONTRACTOR AT LEAST TWO (2) DAYS PRIOR TO CORING. 2.4.4. THE PAVING CONTRACTOR SHALL PATCH CORE HOLES
- IMMEDIATELY UPON COMPLETION. 2.4.5. IF THE ASPHALTIC CONCRETE PATCH CANNOT BE INSTALLED IMMEDIATELY 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 THE REQUIRED PATCH DEPTH WITH COMPACTED CRUSHED STONE OR PORTLAND CEMENT CONCRETE.
- 2.4.6. PATCHING METHOD: 2.4.6.1. A TACK COAT SHALL BE APPLIED TO THE SIDES OF THE CORE HOLES. THE TACK COAT MAY CONSIST OF SS-1, SS-1H, CSS-1H, RS-1, CRS-1, EMULSIFIED ASPHALT OR RC-70 CUTBACK ASPHALT.
- 2.4.6.2. 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. THE MINIMUM THICKNESS MAY BE REDUCED TO 1" IF A TEMPORARY CONCRETE PATCH IS UTILIZED AS IN (5) ABOVE.
- 2.4.6.3. 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 APPROPRIATE STATE SPECIFICATIONS FOR ASPHALTIC CONCRETE SURFACE COURSE, AND SHOULD BE PROPERLY COMPACTED. 2.4.6.4. PATCHING SHOULD BE PERFORMED AT TEMPERATURES
- 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

ABOVE 40 DEGREES F TO ENSURE PROPER SETTING OF THE

SECTION 2F: OPENING SOON SIGN (OPTIONAL)

HIGHWAY DEPARTMENT SPECIFICATIONS.

GENERAL PROVISIONS

1. SCOPE: FURNISH AND INSTALL WOOD POSTS AND INSTALL SIGN FURNISHED BY OWNER.

MATERIALS

1. "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 VISIBILITY.

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.
- 2.1. PLANTING MATERIALS AND INSTALLATION SHALL BE PROVIDED UNDER SEPARATE CONTRACT BY THE OWNER.
- 2.2. COORDINATE THE TIMING OF THE PLACEMENT OF TOPSOIL WITH THE OWNER IN ORDER TO PREVENT EROSION OF TOPSOIL

MATERIALS

TOPSOIL: 6" MINIMUM TOPSOIL

PERFORMANCE:

USED OUTSIDE THIS DIMENSION.

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 INSTALLATION, 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

DESCRIPTION:

WITH THE BUILDING BEING ONE OF THE MOST ATTRACTIVE FACILITIES IN FAST FOOD INDUSTRY, THE LANDSCAPING DESIGN SHOULD APPRECIABLY ENHANCE THE APPEARANCE. TO ACCOMPLISH THE DESIRED " LOOK". THE DESIGN SHOULD INCLUDE VARIED COLORS LINES, AND MATURE PLANTS

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    GUIDELINES

1.1. LANDSCAPE PLANS:
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ACTUAL COLOR OF ALL PLANTS AND GROUND COVER BEDS. SCALED AS CLOSE AS POSSIBLE

BUILDING ELEVATIONS SHOWING PLANTS AT TIME OF PLANTING ITEMIZED LIST OF PLANTS, QUANTITY, SIZE, AND COST OF EACH. QUANTITY OF SEED OR SOD (SQUARE FOOT) AND UNIT PRICE. QUANTITY OF GROUND COVER, NAME, AND UNIT PRICE OTHER COMPONENTS LISTED AND UNIT PRICES.

LABOR AND TAXES SEPARATED. 1.3. CRITERIA 1.3.1.

VARIED COLOR WITH CONTRASTING GROUND COVER. 1.3.1.1. 1.3.1.2. 18"- 24" MINIMUM SIZE OR, ON MANY TYPES, 6 GALLONS MINIMUM LARGER PLANTS EVEN IF SPACING ARE SLIGHTLY GREATER. 1.3.1.3. JUNIPERS ONLY IF "BLUE RUG" 1.3.1.5. LIMIT NUMBER OF TYPES IN EACH SINGLE BED CREATING A NEATER LOOK. 1.3.1.6. HARDY PLANTS ONLY 1.3.2. TREES DISEASE RESISTANT ONLY

LOCATION ONLY WHERE BUILDING WILL NOT ULTIMATELY BE 1.3.2.2. BLOCKED (I.E., AT CORNERS OF LOT) 1.3.2.3. NO FRUIT BEARING SPECIES. 1.3.3. FLOWERS USE OF SEASONAL AND PERENNIALS TO MAXIMIZE COLOR 1.3.3.1. THROUGHOUT THE YEAR.

1.3.3.2. AS REQUIRED BY CITY OR MUNICIPALITY. 1.3.4. GRASS (SEED) TURF TYPE FESCUE PREFERRED (WITH IRRIGATION SYSTEM). 1.3.4.2. APPLY WHEN "LOOK" CAN BE ATTAINED BY WATERING BY IRRIGATION SYSTEM (I.E. SPRING AND FALL) LOCATION MOST OFTEN ALONG STREET RIGHT OF WAYS GRASS

1.3.5. GRASS (SOD) 1.3.5.1. USE SPARINGLY DUE TO CAST AND DUE TO OUR INTENT TO INSTALL IRRIGATION SYSTEM TO INSTALL IRRIGATION SYSTEM TO MAINTAIN THE GRASS SEED. SEASON OF YEAR MAY DICTATE USE. 1.3.6. EROSION USE STRAW OR NETS AS REQUIRED TO PREVENT EROSION AND

SHOULD EXTEND TO CURB.

POSSIBLE RESEEDING 1.3.7. **GROUND COVER** REQUIRES FABRIC TO PREVENT WEEDS. 1.3.7.2. MULCH MAY BE MORE PRACTICAL IN CERTAIN MARKETS.

1.3.8. COMPONENTS LIKE BEAM, STACKING STONE, RAILROAD TIE WALLS MAY BE USED FOR VARIATION BUT SHOULD NOT BE **EXTENSIVE DUE TO COST** THE GENERAL CONTRACTOR IS RESPONSIVE FOR FURNISHING TOPSOIL, HOWEVER, IT'S ENCOURAGED THAT HE CONTACTS YOU FOR AN ACCEPTABLE SOURCE AS WELL AS THE ACTUAL SPREADING. MANY TIMES THERE IS LESS CONFUSION IF YOU FURNISH AND SPREAD TO YOUR NEEDS AND THE GENERAL CONTRACTOR PAYS YOU DIRECTLY.

1.3.9. IRRIGATION SYSTEM REQUIREMENT: AUTOMATION PREFEWED MANUAL OPTIONAL (RAINBIRD OR TORO) WATERING SCHEDULES (TYPEWRITTEN) FOR LAWN AND PLANTS SHALL BE FURNISHED TO THE STORE AND THE FRANCHISEE AT THE TIME OF THE TURNOVER. A THOROUGH REVIEW OF THE

WATERING REQUIREMENTS SHALL BE GIVEN TO THE STORE MANAGER AND THE DISTRICT MANAGER AT THIS SAME TIME. REQUIRED SLEEVES UNDERNEATH THE PARKING LOT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPING IRRIGATION (I.I.) ANY BACK FLOW VALVES REQUIRED BY LOCAL CODES SHALL BE THE RESPONSIBILITY OF THE L.I.

CONTRACTOR 2.1. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL SEPARATE WATER METER FOR THE IRRIGATION SYSTEM. 2.1.1. INCLUDE ALL COSTS OPENING ALONG WITH THE NORMAL ONE YEAR

WARRANTY 2.1.2. BUDGET NORMAL SITES WE WILL EXPECT A VERY ATTRACTIVE LANDSCAPE DESIGN FOR \$10,00-\$13,00.

3. WINTER CONSTRUCTION GUIDELINES:

3.2.3.

UPON NOTIFICATION OF POSSIBLE OPENING DURING THE WINTER MONTHS, STEPS SHOULD BE TAKEN TO PROVIDE AS MUCH LANDSCAPING AS POSSIBLE LOCATION OF THE STORE IS VERY CRITICAL, UNITS LOCATED FURTHER NORTH WILL HAVE TO BE IDENTIFIED AS EARLY AS POSSIBLE TO AS EARLY AS POSSIBLE TO

DETERMINE THE FOLLOWING. 3.1. POSSIBLE WINTER LANDSCAPE ALTERNATIVE(S) PURCHASING PLANTS FROM MORE TEMPERATE CLIMATE ZONES. 3.1.1. HARDENING OF SELECTED PLANTS PRIOR TO PLANTING 3.1.3. LOCATION OF AVAILABLE SOD FIELDS. CLOSE MONITORING & COMMUNICATIONS W/ JOB SUPERINTENDENT 3.1.4.

TO MORE FULLY UTILIZE IDEAL PLANTING TOPSOIL. 3.1.5. AVAILABILITY OF CLEAN, UNFROZEN TOPSOIL. 3.1.6. CONTROLLED USAGE OF PERENNIALS VERSUS ANNUALS. vii. ANTICIPATED PLANT LOSS DUE TO ENVIRONMENTAL SHOCK. POSSIBLE STORING OF PLANTS AND MATERIALS DUE TO AVAILABILITY

INSTALLATION OF IRRIGATION SYSTEM AS EARLY AS POSSIBLE. 3.2. USAGE OF AVAILABLE GROUND COVER SHOULD BE USED AS MUCH AS POSSIBLE TO PREVENT OUR RESTAURANTS FROM LOOKING "BARREN" AND "STILL UNDER CONSTRUCTION". POSSIBLE EXAMPLES WOULD BE, BUT NOT LIMITED TO, USE OF: MULCH (RED DYED) 3.2.2. STRAW

3.2.4. PLANTS (PRESENTLY DORMANT) STONE (RIVER ROCK) NOTE: EVERY ATTEMPT SHOULD BE MADE TO COMPLETE AS MUCH OF THE LANDSCAPING PROCESS AS POSSIBLE.

FABRIC (WEED BARRIER)

3.3. SOMETIMES EVEN THE BEST PLAN FAILS DETAILED PLANNING HAS BEEN INCORPORATE. IF CREATIVE RESOURCES AND POSITIVE COMMUNICATIONS HAVE EXHAUSTED ALL AVAILABLE ALTERNATIVES, EFFORTS SHOULD THEN BE PLACED ON REHABILITATING THE SITES PREPARED IN INCLEMENT WEATHER DURING THE SPRING.

4. SITE/CIVIL ENGINEERING DESIGN STANDARDS:

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(ARCHITECT TO VERIFY)
4.1. GREASE WASTE
 4.1.1. 4" MIN. PIPE.
 4.1.2. 1000 GALLON GREASE INTERCEPTOR. (VERIFY WITH LOCAL HEALTH
 4.1.3. MINIMUM COVER ABOVE INVERT AT INTERCEPTOR IS 3'-0".
 4.1.4. "OUT" INVERT OF INTERCEPTOR IS .2' BELOW "IN" INVERT
 4.1.5. CLEAN OUTS AT ALL BENDS IN LINE.
 4.1.6. FROST PROTECTION REQUIRE 3' MIN. COVER.
4.1.7. MINIMUM GRADE 1/4"/1'-0" (.0208'/1')
4.2. SANITARY
 4.2.1. 4" PIPE FROM BUILDING.
 4.2.2. CONNECTION TO 4" GREASE WASTE AFTER INTERCEPTOR. (5" MIN. FOR
        COMBINED SANITARY TO DISCHARGE, EXCEPT 6" V.C.P. WHEN EXISTING
 4.2.3. SANITARY M.H. @ 300L.F. SPACING (MAXIMUM).
 4.2.4. MINIMUM PIPE GRADES:
         4" = 2.08% (.0208)
         6" = 0.52% (.0052)
         8" = 0.40% (.0040)
4.3. GRADING
 4.3.1. ALL ELEVATIONS TO NEAREST .1
 4.3.2. MAXIMUM DRIVE GRADE 6.0% (.06).
 4.3.3. MINIMUM DRIVE GRADE 1.0' (.01).
 4.3.4. MAXIMUM ALGEBRAIC CHANGE IN GRADES 7%.
 4.3.5. MAXIMUM DRIVE ENTER/EXIT GRADE 7%.
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4.3.6. 6" DROP TOP CURB TO FINISHED PAVEMENT (9" FOR BARRIER CURB). 4.3.7. 6" DROP SIDEWALK TO FINISHED PAVEMENT. 4.3.8. FINISH FLOOR 0.5' MIN. ABOVE CENTER LINE OF STREET (IF POSSIBLE). 4.3.9. MAX. SIDEWALK SLOPE 1/4"/1' (.0208'/1') 4.3.10. SHOW FINISHED CONTOURS. 4.4. DRAINAGE 4.4.1. MINIMUM 12" C.M.P. 4.4.2. MAXIMUM DRAINAGE AREA PER CATCH BASIN = 12,500 SQ.FT. (OR AS

4.4.3. DESIGN VELOCITY = 2.5' F.P.S. (ALLOWABLE RANGE 1 F.P.S. TO 5 F.P.S.)

4.4.4. DO NOT POND WATER IN PARKING AREAS (POND IN DRIVES IF 4.4.5. MINIMUM 2' COVER OVER PIPES. 4.4.6. MATCH CROWN ELEVATION OF PIPES IN STRUCTURES. 4.4.7. DESIGN STORM 10 YEAR 1 HOUR DURATION (UNLESS LOCAL

REQUIREMENTS ARE MORE STRINGENT). 4.5. SEPTIC SYSTEM 4.5.1. SHOW COMPUTATIONS. 4.5.2. MINIMUM COVER 12" (DRAIN FIELD) 4.5.3. VERIFY THAT DETAILS AGREE WITH DESIGN. 4.5.4. SPECIAL DESIGN DETAILS. 4.5.5. FREE ACCESS TO DISTRIBUTION BOX. 4.5.6. DRAIN FIELD ABOVE GROUND WATER

PER ZONING)

DATE:

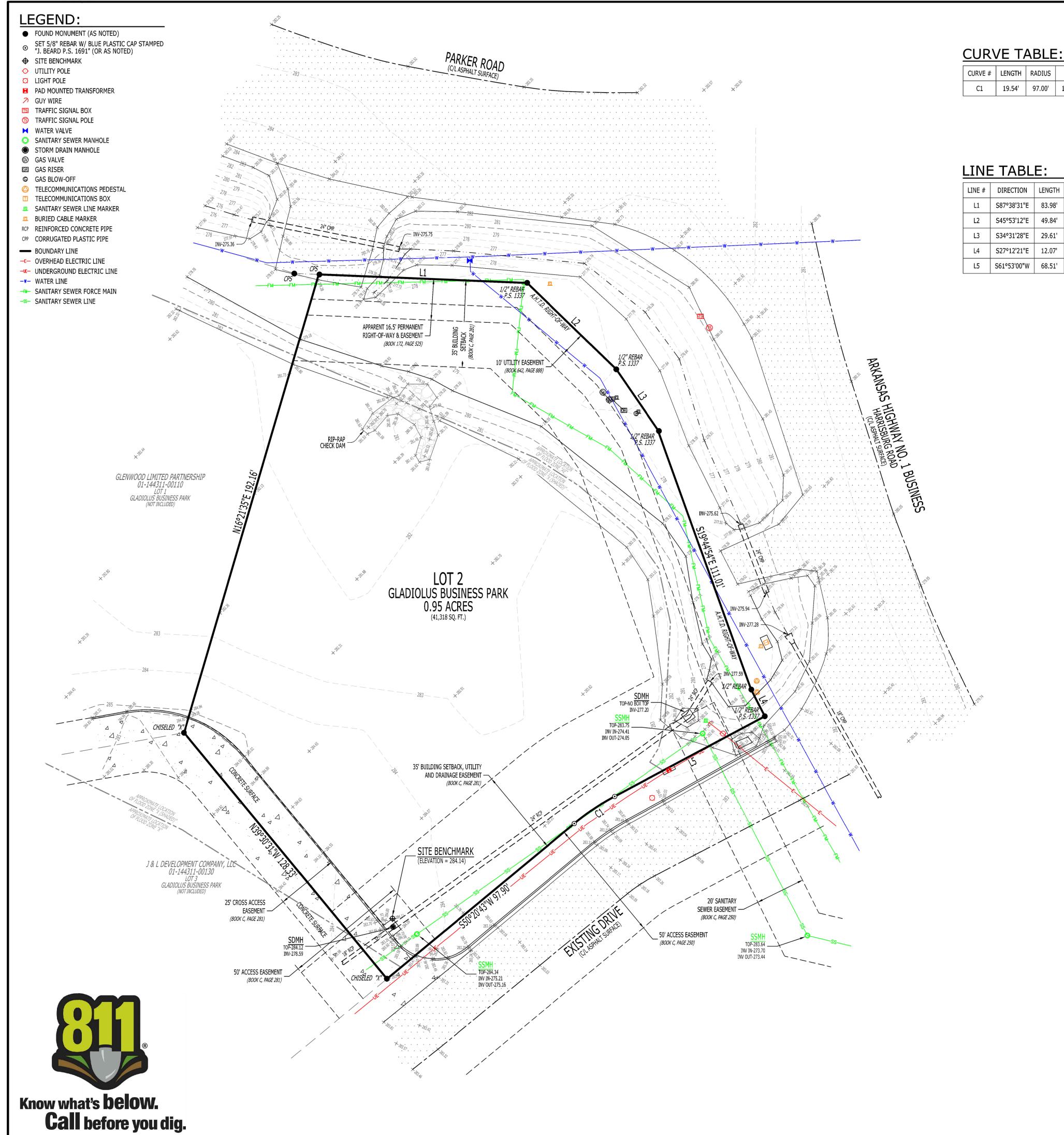
PROJECT NUMBER:

SHEET TITLE:

PLOT DATE:

REVISION & DATE:

SHEET NUMBER:



CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	19.54'	97.00'	11°32'35"	S56°06'46"W	19.51'

LINE #	DIRECTION	LENGTH				
L1	S87°38'31"E	83.98'				
L2	S45°53'12"E	49.84'				
L3	S34°31'28"E	29.61'				
L4	S27°12'21"E	12.07'				
L5	S61°53'00"W	68.51'				

VICINITY MAP

UTILITY PROVIDERS:

ELECTRIC, WATER & SEWER: TELECOMMUNICATIONS: AT&T ARKANSAS

CITY WATER & LIGHT 400 EAST MONROE JONESBORO, AR 72401 (870)-935-5581

NATURAL GAS: CENTERPOINT ENERGY 3013 OLD FEED HOUSE ROAD JONESBORO, AR 72404 (870)-972-6682

SUDDENLINK COMMUNICATIONS 1520 SOUTH CARAWAY ROAD JONESBORO, AR 72401 (870)-935-3615

723 SOUTH CHURCH

1-800-464-7928

JONESBORO, AR 72401

RITTER COMMUNICATIONS 2400 RITTER DRIVE (870)-336-3434

ZONING NOTES:

- 1. SUBJECT PROPERTY IS ZONED C-3, GENERAL COMMERCIAL DISTRICT.
- 2. C-3 ZONING RESTRICTIONS: STREET SETBACK - 25' SIDE SETBACK - 10' REAR SETBACK - 20' MAXIMUM HEIGHT LIMITATION - 45' MAXIMUM LOT COVERAGE - 60%
- 3. PLATTED 35' BUILDING SETBACK SHOWN PER RECORD PLAT OF GLADIOLUS BUSINESS PARK, RECORDED IN BOOK C, PAGE 281, DATED JULY 27, 2017.

SURVEYOR'S NOTES:

- SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD OR ANY OTHER FACTS WHICH AN ACCURATE TITLE SEARCH MAY DISCLOSE.
- PARCEL NUMBER: 01-144311-00120
- 3. BASIS OF BEARINGS: ARKANSAS STATE PLANE GRID NORTH (0301)
- 4. VERTICAL DATUM: NAVD 88.
- 5. SITE BENCHMARK IS A CUT SQUARE (ELEVATION = 284.14), LOCATED IN THE NORTHEAST CORNER OF AN EXISTING CURB INLET BOX TOP, LOCATED AT THE SOUTHWEST CORNER OF THE SUBJECT PROPERTY, AS SHOWN ON THE PLAT HEREON.
- 6. THE FOLLOWING DOCUMENTS WERE USED TO COMPLETE THIS SURVEY:
- RECORD PLAT, WARMACK SUBDIVISION, BY JAMES E. COLLINS, P.S. 1337, RECORDED IN BOOK C, PAGE 250, DATED AUGUST 12, 2014.
- RECORD REPLAT, GLADIOLUS BUSINESS PARK, BY JEFF WAYNE HARLAN, P.S. 1538, RECORDED IN BOOK C, PAGE 281, DATED JULY 27, 2017.
- UTILITY EASEMENT SANITARY SEWER LINES, SIROIS TO CITY WATER AND LIGHT PLANT OF JONESBORO, RECORDED IN BOOK 642, PAGE 888, DATED MARCH 18, 2003.
- 7. THE SUBJECT PROPERTY LIES WITHIN THE 100 YEAR SPECIAL FLOOD HAZARD ZONES: ZONE "X (SHADED)" AND ZONE "AE", AS SHOWN ON FEMA LOMR-F CASE NO. 16-06-0097A. AFFECTED FLOOD INSURANCE RATE MAPS: PANEL NO. 05031C0131C AND PANEL NO. 05031C0132C, EFFECTIVE DATE SEPTEMBER 27, 1991.
- 8. THE UTILITIES SHOWN HAVE BEEN LOCATED BY FIELD MEASUREMENTS DURING THE COURSE OF THIS SURVEY AND EXISTING UTILITY MAPS. RIDGE SURVEYING & CONSULTING, PLLC. MAKES NO WARRANTY TO THE EXACT LOCATION OF THE UTILITIES SHOWN OR NOT SHOWN ON THIS DRAWING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR OWNER TO VERIFY ANY AND ALL PRIOR TO ANY CONSTRUCTION.
- 9. FIELD WORK WAS COMPLETED ON JANUARY 25, 2018.

LEGAL DESCRIPTION (AS-SURVEYED):

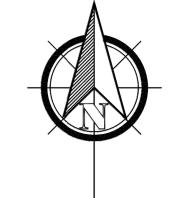
LOT 2 OF GLADIOLUS BUSINESS PARK TO THE CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS, AS RECORDED IN BOOK C, PAGE 281, CONTAINING 0.95 ACRES (41,318 SQ. FT.), MORE OR LESS, SUBJECT TO ALL RIGHTS-OF-WAY AND EASEMENTS OF RECORD.

SURVEYOR'S CERTIFICATION:

I, JASON D. BEARD, CERTIFY THAT THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF "ARKANSAS STANDARDS OF PRACTICE FOR PROPERTY BOUNDARY SURVEYS AND PLATS"; AND THAT THE ABOVE DESCRIBED TRACT WAS SURVEYED UNDER MY DIRECT SUPERVISION.







BEARINGS BASED ON ARKANSAS STATE PLANE GRID NORTH ZONE (0301)

RIDGE SURVEY CONSULTING



RIDGE SURVEYING & CONSULTING, PLLC ARKANSAS - 2946



JASON D. BEARD - SURVEYOR ARKANSAS - P.S. 1691

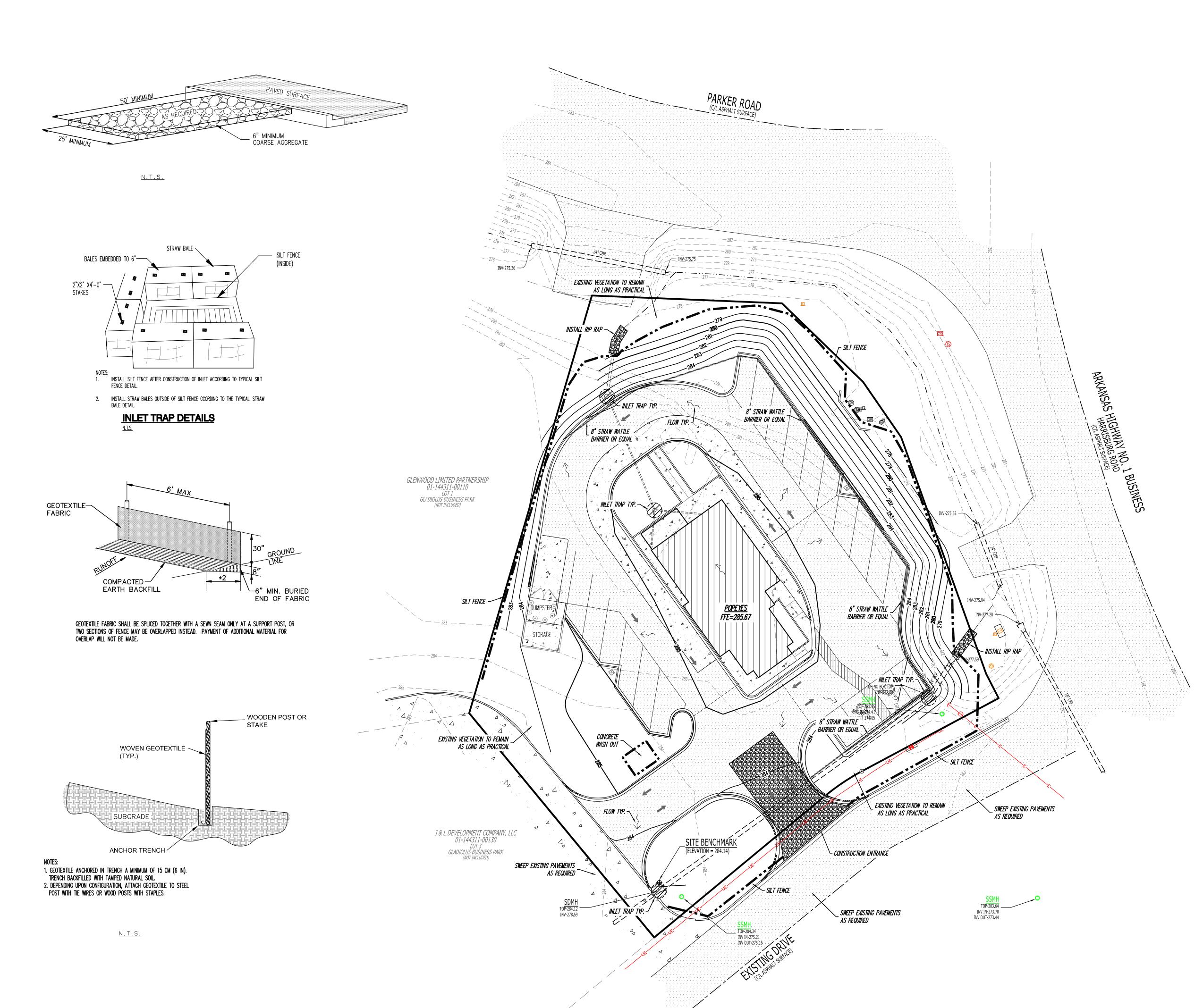
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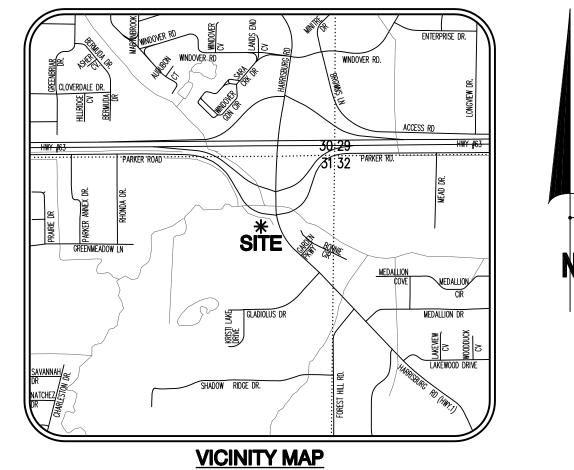
ARRISBURG

PROJECT NUMBER:

DATE:

SHEET NUMBER:





GENERAL NOTES:

- AFTER COMPLETION OF CONSTRUCTION THE NEW RUNOFF COEFFICIENT SHALL BE 0.80. THE STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN ARE INTENDED TO MINIMIZE POLLUTANT LOADS OCCURRING IN STORM WATER DISCHARGES, FROM THE CONSTRUCTION SITE. THE CONTROL
- UNTIL 100% OF THE SITE HAS BEEN STABILIZED. IMPLEMENTATION, INSTALLATION, APPLICATION AND MAINTENANCE OF THE STORM WATER POLLUTION PREVENTION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH APPLICABLE STATE OR LOCAL WASTE DISPOSAL, SANITARY

MEASURES SHALL BE INSTALLED AND MAINTAINED BEYOND THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND

SEWER, OR SEPTIC SYSTEM REGULATIONS. 4. ALL DISTURBED AREAS ARE TO BE STABILIZED.

EROSION AND SEDIMENT CONTROL NOTES:

- 1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION ENTRANCES AT LOCATIONS AS INDICATED ON PLANS PRIOR TO EARTHWORK.
- 2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE LOCATED AND MAINTAINED SUCH THAT THE LOCATION DOES NOT INTERFERE WITH CONSTRUCTION ACTIVITIES.
- 3. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES ON SITE AND AT LEAST 20' FROM THE DISTURBED AREAS.

GENERAL NOTES: EROSION BALES

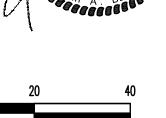
- 1. DESCRIPTION: STRAW OR HAY EROSION BALES MAY BE USED AS FILTERS ALONG THE TOE OF FILL SLOPES, AS EROSION CHECKS IN DITCHES, AND AS SEDIMENT TRAPS AT INLETS AND OUTLETS. STRAW BALES MAY BE PLACED BELOW FILL SLOPES TO PROTECT ROADS, AND AS ENGERY DISSIPATERS FOR HIGH VELOCITY RUNOFF.
- CONSTRUCTION: BALES SHALL BE LAID TO MAINTAIN TIGHT JOINTS. EROSION BALES WILL NOT FILTER SEDIMENT OUT OF WATER IF THE WATER IS ALLOWED TO FLOW BETWEEN, AROUND, OR UNDERNEATH THE BALES. THE BALES SHOULD BE ENTRENCHED 6 INCHES AND ANCHORED SECURELY.
- MAINTENANCE: EROSION BALES REQUIRE FREQUENT INSPECTION AS THEY DETERIDATE QUICKLY AND MAY NEED TO BE REPLACED. WHEN NO LONGER NEEDED, THE ACCUMULATED SEDIMENT SHALL BE SPREAD, SEEDED, AND MULCHED WITH THE EROSION BALES AS APPROVED BY COR.
- 4. HAY BALES ARE A TEMPORARY MEASURE ONLY. THEY SHALL BE INSTALLED, REPAIRED OR REPLACED AT THE DIRECTION

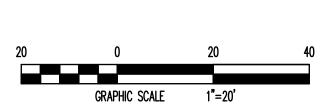
MAINTENANCE AND OPERATION NOTES:

- 1. AN INSPECTION SHALL BE MADE EVERY 7 DAYS.
- 2. ALL OBSERVED DEFICIENCIES IN BEST MANAGEMENT PRACTICES (BMP's) WILL BE RECORDED.
- 3. SEDIMENT SHALL BE REMOVED BEHIND SILT FENCING OR STRAW BALES ONCE SEDIMENT REACHES 1/3 THE HEIGHT OF THE SILT FENCE OR STRAW BALES.











(13 (76)

CONTRACTOR WITH FIVE YEARS MINIMUM EXPERIENCE IN SUCCESSFUL COMPLETION OF WALLS BY THE SPECIFIED MANUFACTURER.

2. THE WALL SHALL BE CONSTRUCTED WITH UNIFORM BATTER TOWARD THE RETAINED SOILS.

3. WALL SHALL BE BUILT ON COMPETENT FOUNDATIONS FOR WHICH EXCESSIVE SETTLEMENT, SQUEEZING OR LIQUEFACTIONS ARE NOT POTENTIAL SOURCES OF INSTABILITY. SOILS ENGINEER TO CONFIRM SUBGRADE STABILITY PRIOR TO CONSTRUCTION.

SEGMENTAL BLOCK RETAINING WALL NOT TO SCALE

12" DEEP —

IMPERVIOUS FILL

BOTTOM OF

WALL, BW

RETAINING WALL -

CAP, SEE DETAIL

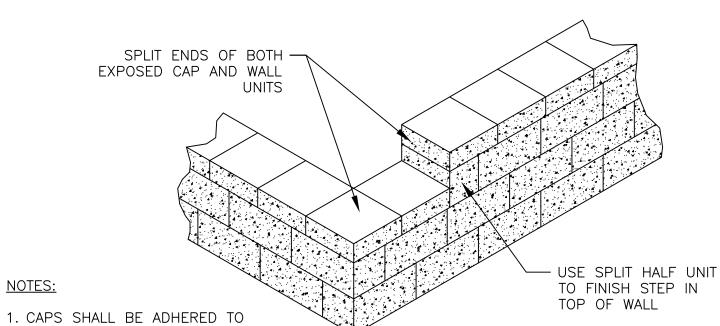
TOP OF WALL, TW -

HEIGHT VARIES

BURY 1 BLOCK

SURFACE GRADE

HEIGHT MIN. BELOW



- LEVELLING PAD,

SEE DETAIL

← 6" TOPSOIL, MIN.

STRUCTURAL DESIGN

4"ø PERFORATED DRAIN PIPE

WRAPPED WITH FILTER FABRIC.

OUTLET AT ENDS OF WALL OR

SLOPE TO DRAIN (1/8"/FT.)

— GEOGRID PER

12" THICK MIN.

- FILTER FABRIC

DRAINAGE AGGREGATE

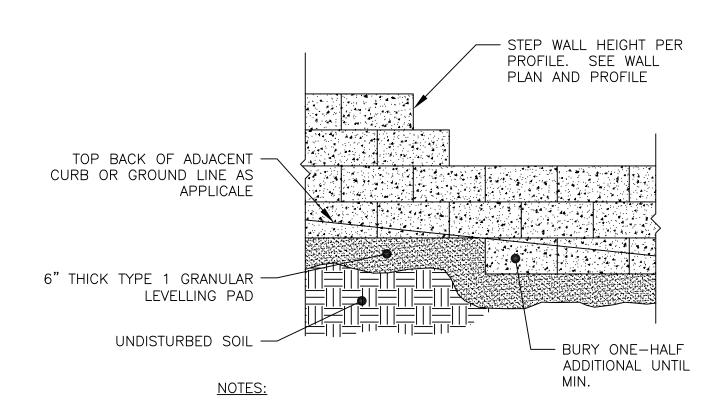
@ 40' CENTERS MAX.

WALL USING ADHESIVE AS RECOMMENDED BY THE WALL BLOCK MANUFACTURER

2. WHEN SPLITTING CAP UNIT FOR WALL END, DO NOT USE A CAP SECTION LESS THAN 6" WIDE. PROVIDE AND INSTALL CAP UNITS TO PROVIDE CONTINUOUS WALL FACE ON BOTH FRONT AND BACK OF WALL SPLIT EXPOSED SIDE -

RETAINING WALL CAP

NOT TO SCALE



1. LIMIT CHANGES IN BASE ELEVATION TO 6" PER STEP TO AVOID DIFFERENTIAL SETTLEMENT.

2. STEP OFTEN ENOUGH TO MAINTAIN MINIMUM REQUIRED EMBEDMENT.

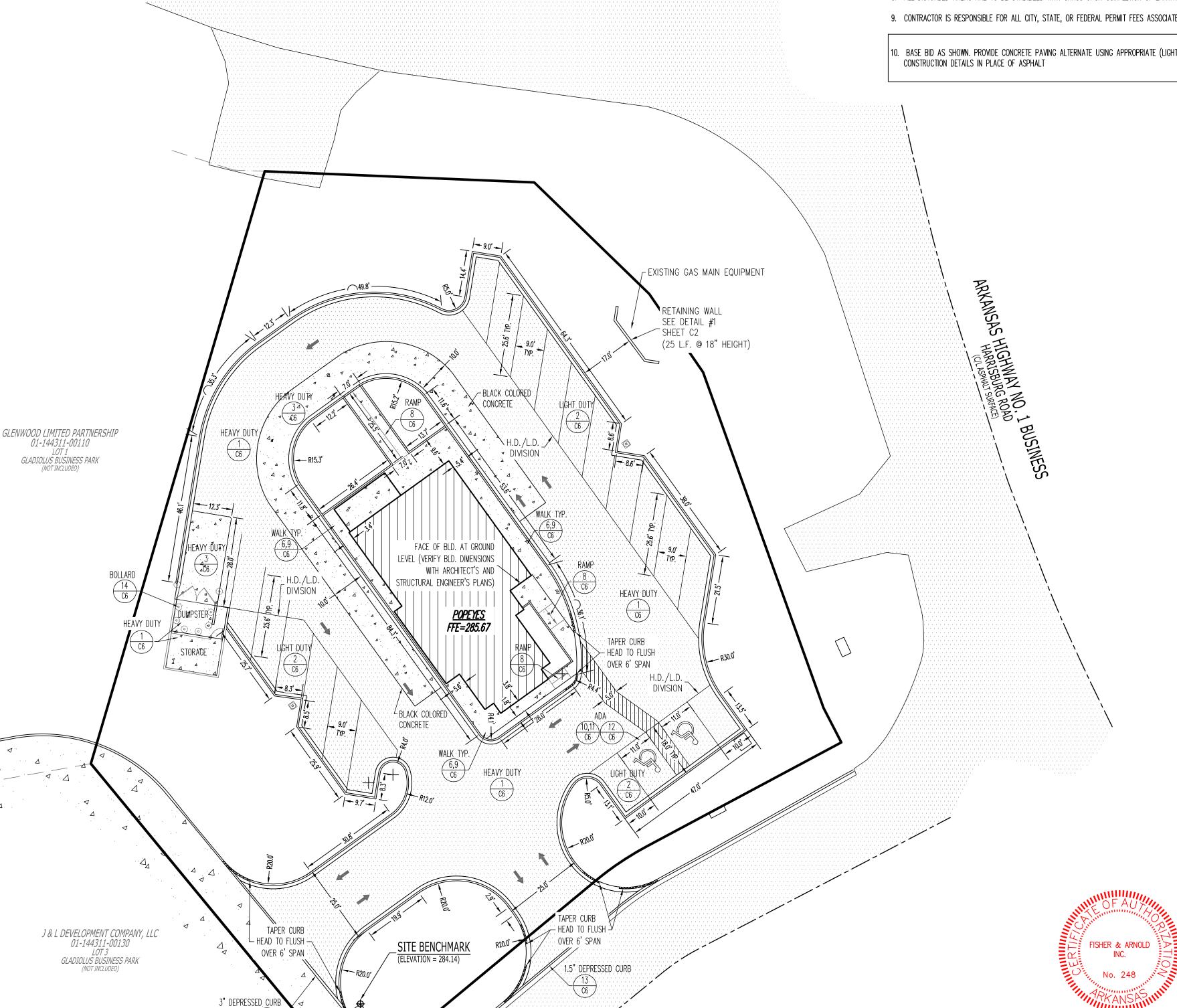
3. PROVIDE CONCRETE GRADE BEAM AT UTILITY CROSSINGS.

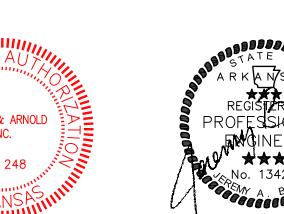
RETAINING WALL DETAIL

ENGINEERING NOTES:

- 1. AFTER SITE STRIPPING, THE SUBGRADE WILL BE SCARIFIED, MOISTURE CONDITIONED, & RECOMPACTED. THE PROJECT AREA WILL BE PROOF-ROLLED IN ORDER TO IDENTIFY SOFT SOILS BEFORE FILL MATERIALS ARE PLACED.
- 2. ALL SOIL FILL (PI 5-20) SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR.
- 3. CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ADEQUATE EROSION/SEDIMENTATION CONTROL DURING ALL PHASES OF CONSTRUCTION.
- 4. CONTRACTOR IS RESPONSIBLE FOR KEEPING MUD AND DEBRIS OFF CITY STREETS AND OFF OF PAVED DRIVEWAYS WHERE APPLICABLE. CLEAN UP IS REQUIRED DAILY.
- 5. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF SIDEWALK, CURB AND GUTTER AND/OR ASPHALT/CONCRETE DAMAGED DURING CONSTRUCTION.
- 6. DEVIATION FROM ENGINEERING DESIGN PLANS IS NOT PERMITTED. ANY CHANGE IN THE CONSTRUCTION DOCUMENTS THAT ARE NOT APPROVED BY THE ENGINEER WILL RESULT IN CONSTRUCTION TERMINATION UNTIL A RESOLUTION IS MET. MODIFICATION NEEDED TO UPDATE DESIGN PLANS WILL RESULT IN DESIGN EXPENSES FOR THE CONTRACTOR.
- 7. CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER/DEVELOPER OF ANY INFORMATION FOUND IN THE FIELD THAT IS DIFFERENT FROM WHAT IS SHOWN ON THESE DESIGN PLANS.
- 8. ALL DISTURBED AREAS ARE TO BE STABILIZED WITH GRASS UPON COMPLETION OF EARTHWORK (SEE SPECIFICATION).
- 9. CONTRACTOR IS RESPONSIBLE FOR ALL CITY, STATE, OR FEDERAL PERMIT FEES ASSOCIATED WITH CONSTRUCTION.

10. BASE BID AS SHOWN. PROVIDE CONCRETE PAVING ALTERNATE USING APPROPRIATE (LIGHT/HEAVY DUTY) CONSTRUCTION DETAILS IN PLACE OF ASPHALT











DATE:

PROJECT NUMBER:

SHEET TITLE:

SITE PLAN

PLOT DATE:

REVISION & DATE:

ARRISBURG

ALL PHASES OF CONSTRUCTION. 4. CONTRACTOR IS RESPONSIBLE FOR KEEPING MUD AND DEBRIS OFF CITY STREETS AND OFF OF PAVED DRIVEWAYS

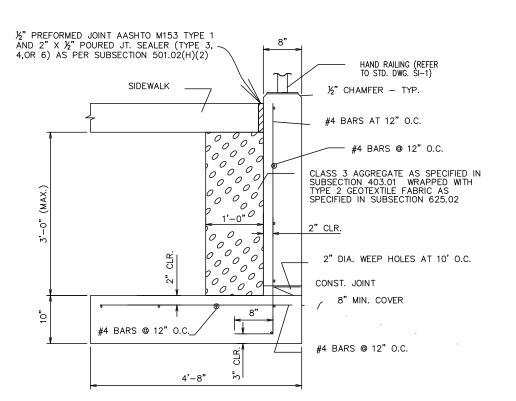
WHERE APPLICABLE. CLEAN UP IS REQUIRED DAILY.

5. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF SIDEWALK, CURB AND GUTTER AND/OR ASPHALT/CONCRETE DAMAGED DURING CONSTRUCTION.

6. DEVIATION FROM ENGINEERING DESIGN PLANS IS NOT PERMITTED. ANY CHANGE IN THE CONSTRUCTION DOCUMENTS THAT ARE NOT APPROVED BY THE ENGINEER WILL RESULT IN CONSTRUCTION TERMINATION UNTIL A RESOLUTION IS MET. MODIFICATION NEEDED TO UPDATE DESIGN PLANS WILL RESULT IN DESIGN EXPENSES FOR THE CONTRACTOR.

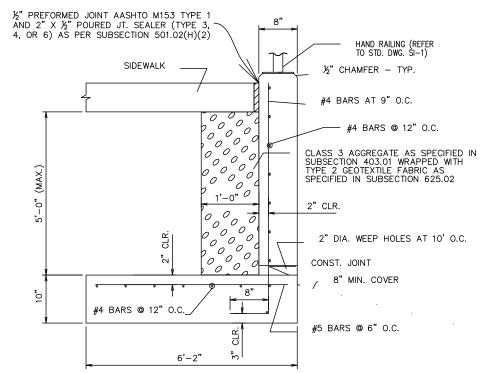
7. CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER/DEVELOPER OF ANY INFORMATION FOUND IN THE FIELD THAT IS DIFFERENT FROM WHAT IS SHOWN ON THESE DESIGN PLANS.

8. ALL DISTURBED AREAS ARE TO BE STABILIZED WITH GRASS UPON COMPLETION OF EARTHWORK (SEE SPECIFICATION).



NOTES: JOINTS IN THE WALL SHALL MATCH THE TYPE AND SPACING OF THE JOINTS IN THE WALK. ALL CONCRETE SHALL BE CLASS S (F'C=3,500 PSI) AND SHALL BE POURED IN THE DRY. REINFORCING STEEL SHALL BE AASHTO M31 OR M53, GRADE 60 (FY=60,000 PSI). PAYMENT FOR THE WEEP HOLES, CLASS 3 AGGREGATE, TYPE 2 GEOTEXTILE FABRIC, PREFORMED JOINT FILLER, POURED JOINT SEALER, REINF. STEEL, AND CONCRETE SHALL BE INCLUDED IN THE UNIT BID PRICE PER SQ. YD. FOR CONCRETE WALKS (TYPE SPECIAL).

CONCRETE WALK (TYPE SPECIAL) DETAIL MAX HEIGHT 3'-0"

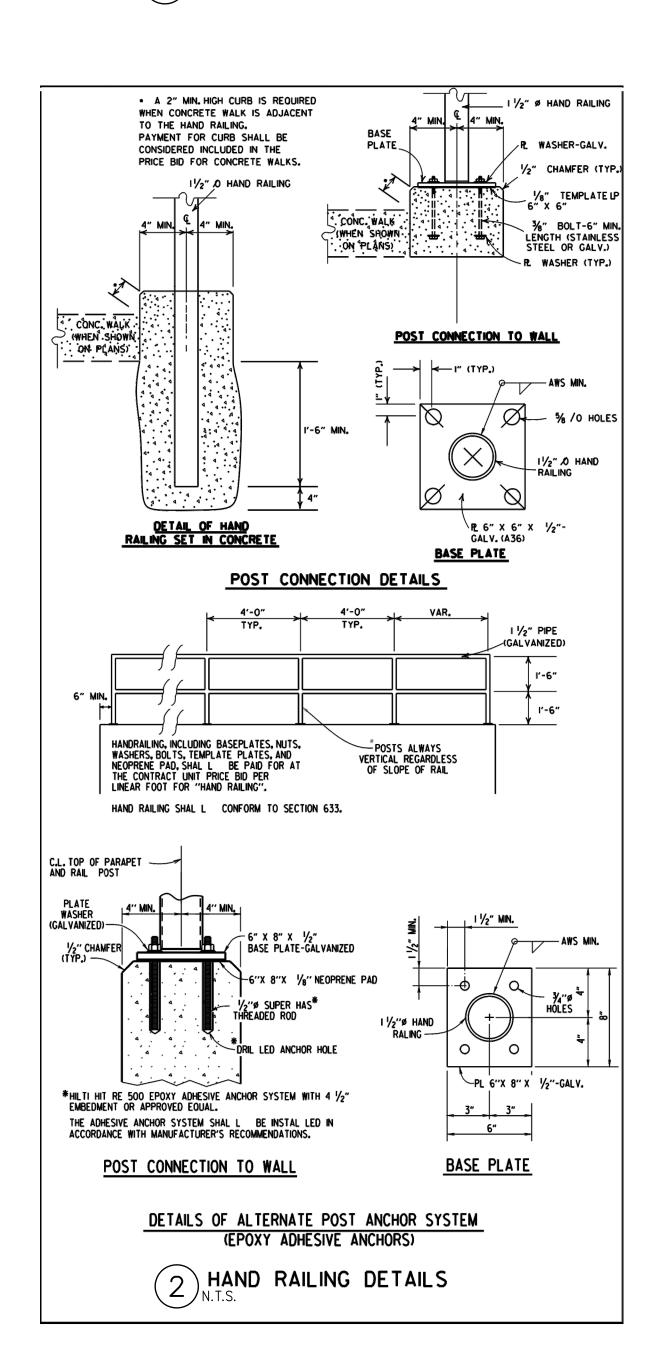


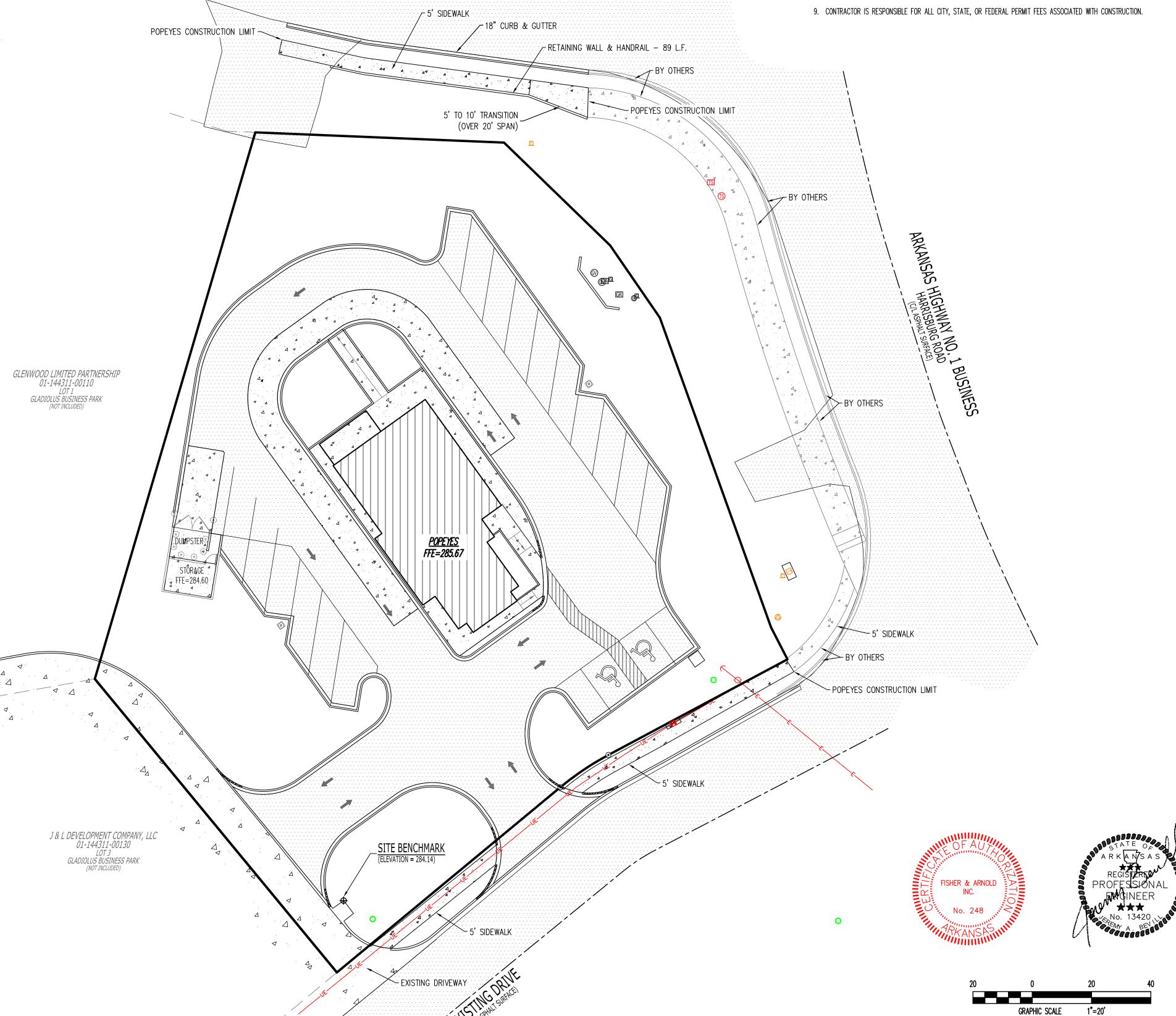
NOTES: JOINTS IN THE WALL SHALL MATCH THE TYPE AND SPACING OF THE JOINTS IN THE WALK. ALL CONCRETE SHALL BE CLASS S (F'C=3,500 PSI) AND SHALL BE POURED IN THE DRY. REINFORCING STEEL SHALL BE AASHTO M31 OR M53, GRADE 60 (FY=60,000 PSI). PAYMENT FOR THE WEEP HOLES, CLASS 3 AGGREGATE, TYPE 2 GEOTEXTILE FABRIC, PREFORMED JOINT FILLER, POURED JOINT SEALER, REINF. STEEL, AND CONCRETE SHALL BE INCLUDED IN THE UNIT BID PRICE PER SQ. YD. FOR CONCRETE WALKS (TYPE SPECIAL).

CONCRETE WALK (TYPE SPECIAL) DETAIL

MAX HÈIGHT 5'-0"

RETAINING WALL AT WALK DETAIL





DATE:

PROJECT NUMBER:

SHEET TITLE: SIDEWALK PLAN PLOT DATE:

REVISION & DATE:

FISHER ARNOLD

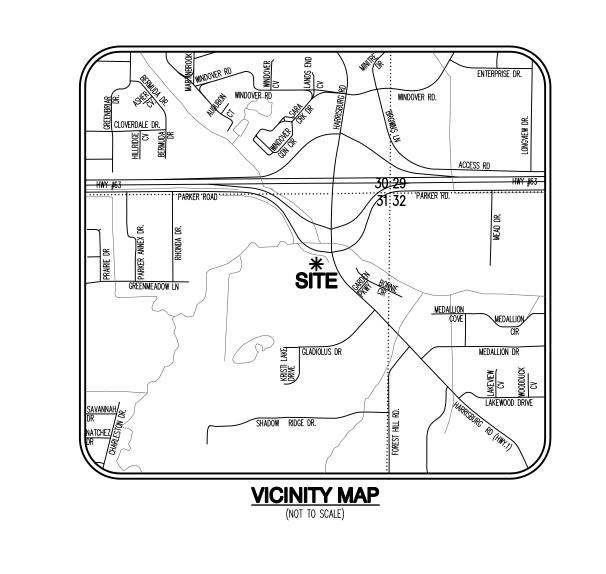
ENGINEERING INTEGRATION

SHEET TITLE: GRADING & DRAINAGE PLOT DATE:

DATE:

REVISION & DATE:





<u>LEGEND:</u>

PR-TP PROPOSED TOP OF PAVEMENT PR-TW PROPOSED TOP OF WALK PR-TC PROPOSED TOP OF CURB TAPER TAPER CURB HEAD TO FLUSH OVER 6' SPAN

ENGINEERING NOTES:

GLENWOOD LIMITED PARTNERSHIP 01-144311-00110 LOT 1 GLADIOLUS BUSINESS PARK (NOT INCLUDED)

_ 19 L.F.-6 SOR 26 PVC [™]

285.19

MATCH <u></u>
EXISTING

J & L DEVELOPMENT COMPANY, LLC 01-144311-00130 LOT 3 GLADIOLUS BUSINESS PARK (NOT INCLUDED)

6" SDR 26 PVC, INSTALL BENDS,
DOWNSPOUT ADAPTOR AS REQUIRED

<u> POPEYES</u> FFE=285.67

TOP-283,64 _ INV IN-273.70 INV OUT-273.44

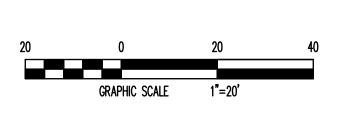
- 1. AFTER SITE STRIPPING, THE SUBGRADE WILL BE SCARIFIED, MOISTURE CONDITIONED, & RECOMPACTED. THE PROJECT AREA WILL BE PROOF-ROLLED IN ORDER TO IDENTIFY SOFT SOILS BEFORE FILL MATERIALS ARE PLACED.
- 2. ALL SOIL FILL (PI 5-20) SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR.
- 3. CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ADEQUATE EROSION/SEDIMENTATION CONTROL DURING ALL PHASES OF CONSTRUCTION.
- 4. CONTRACTOR IS RESPONSIBLE FOR KEEPING MUD AND DEBRIS OFF CITY STREETS AND OFF OF PAVED DRIVEWAYS WHERE APPLICABLE. CLEAN UP IS REQUIRED DAILY.
- 5. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF SIDEWALK, CURB AND GUTTER AND/OR ASPHALT/CONCRETE DAMAGED DURING CONSTRUCTION.
- 6. DEVIATION FROM ENGINEERING DESIGN PLANS IS NOT PERMITTED. ANY CHANGE IN THE CONSTRUCTION DOCUMENTS THAT ARE NOT APPROVED BY THE ENGINEER WILL RESULT IN CONSTRUCTION TERMINATION UNTIL A RESOLUTION IS MET. MODIFICATION NEEDED TO UPDATE DESIGN PLANS WILL RESULT IN DESIGN EXPENSES FOR THE CONTRACTOR.
- 7. CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER/DEVELOPER OF ANY INFORMATION FOUND IN THE FIELD THAT IS DIFFERENT FROM WHAT IS SHOWN ON THESE DESIGN PLANS.
- 8. ALL DISTURBED AREAS ARE TO BE STABILIZED WITH GRASS UPON COMPLETION OF EARTHWORK (SEE SPECIFICATION).
- 9. CONTRACTOR IS RESPONSIBLE FOR ALL CITY, STATE, OR FEDERAL PERMIT FEES ASSOCIATED WITH CONSTRUCTION.

STRUCTURE SCHEDULE

OTTIOGTORIE GOTTEBOLE						
STRUCTURE	STRUCTURE	INVERT	RIM	MANUFACTURER		
NAME	TYPE	ELEV	ELEV	DESCRIPTION		
C1	CURB INLET	279.40	284.40	4'X4' CURB INLET BOX		
C2	CURB INLET	EXISTING	284.35	INSTALL CURB INLET THROAT & TOP		
D1	DRAIN BASIN	281.17	284.67	15" NYLOPLAST BASIN DRAIN W/ STANDARD GRATE		







ARRISBURG RO

326

Odom Architecture PLLC

DATE:

REVISION & DATE:

FISHER ARNOLD ENGINEERING INTEGRATION



1" DISC WATER METER—

GLENWOOD LIMITED PARTNERSHIP 01-144311-00110 LOT 1

GLADIOLUS BUSINESS PARK (NOT INCLUDED)

J & L DEVELOPMENT COMPANY, LLC 01-144311-00130 LOT 3 GLADIOLUS BUSINESS PARK (NOT INCLUDED)

IRRIGATION METER-

SEE PLUMBING PLANS FOR CONTINUATION-

STORAGE 4
FFE=284.60

APPROX. 90 LF OF 2" SCH 40 PVC

<u>POPEYES</u> FFE=285.67

-SAMPLING MANHOLE

CWL SPECS.

APPROX. 123 LF OF 4" SCH 40 PVC— (CLEAN OUTS PER CODE)

TS

INV-275.62 —

SSMH TOP-283,64 _ INV IN-273.70 INV OUT-273.44

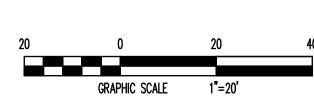
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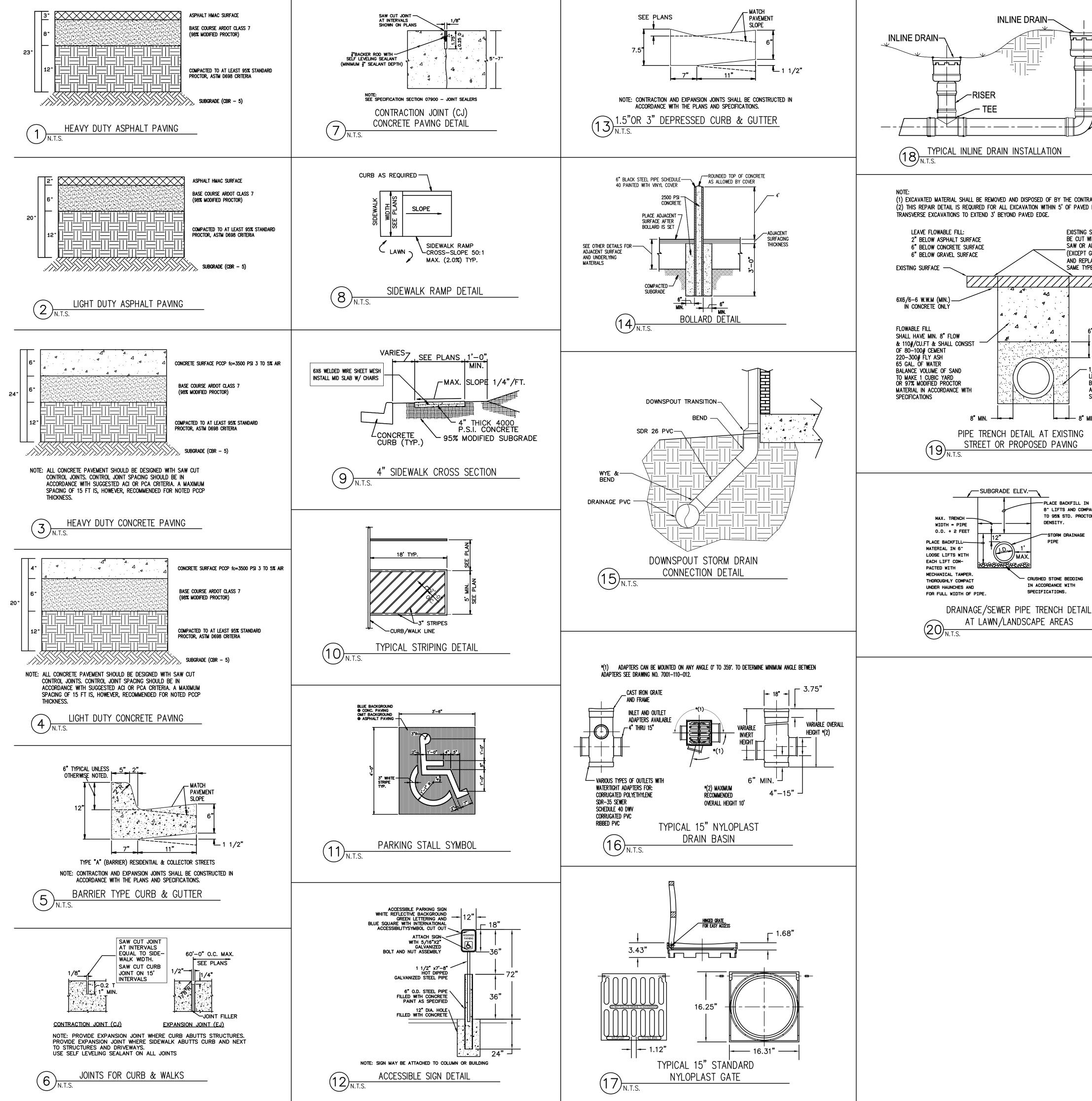
LEGEND:

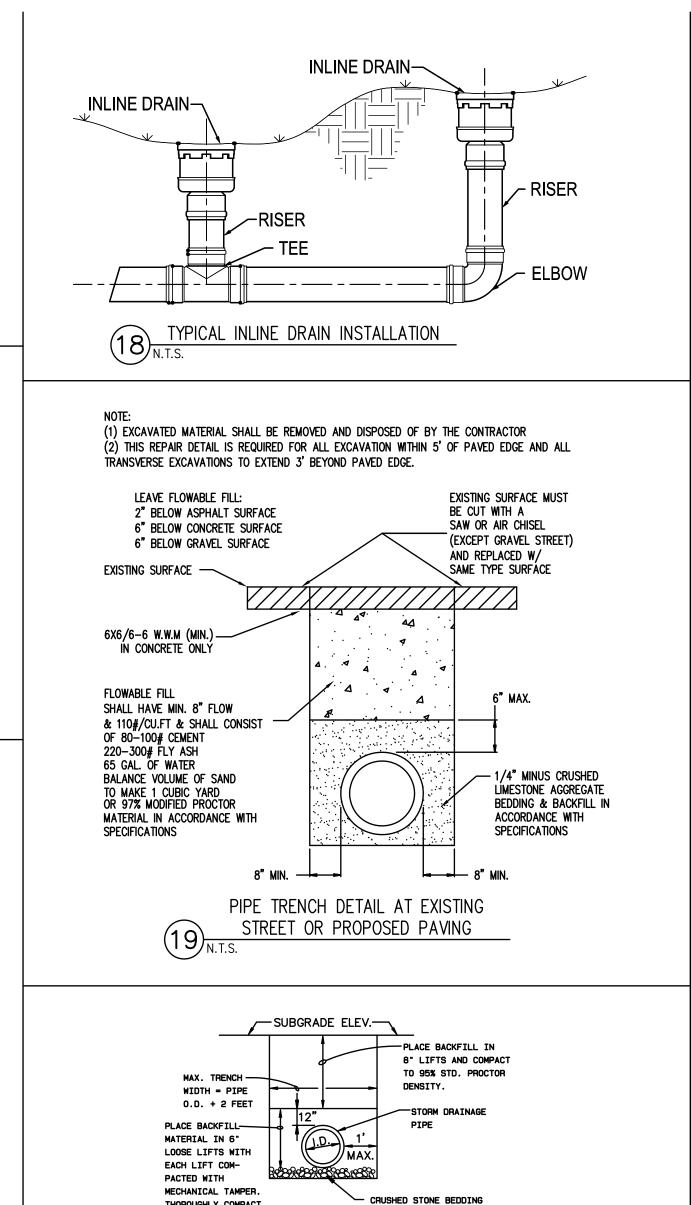
- FOUND MONUMENT (AS NOTED)
- SET 5/8" REBAR W/ BLUE PLASTIC CAP STAMPED "J. BEARD P.S. 1691" (OR AS NOTED)
- ◆ SITE BENCHMARK
- UTILITY POLE LIGHT POLE
- ▶ PAD MOUNTED TRANSFORMER GUY WIRE
- TRAFFIC SIGNAL BOX
- TRAFFIC SIGNAL POLE
- WATER VALVE SANITARY SEWER MANHOLE
- STORM DRAIN MANHOLE
- GAS VALVE
- GR GAS RISER © GAS BLOW-OFF
- TELECOMMUNICATIONS PEDESTAL
- □ TELECOMMUNICATIONS BOX
- SANITARY SEWER LINE MARKER BURIED CABLE MARKER
- RCP REINFORCED CONCRETE PIPE
- CPP CORRUGATED PLASTIC PIPE
- BOUNDARY LINE
- —E— OVERHEAD ELECTRIC LINE ─UE─ UNDERGROUND ELECTRIC LINE
- ─₩─ WATER LINE
- SANITARY SEWER FORCE MAIN
- −SS− SANITARY SEWER LINE
- -T- TELECOMMUNICATIONS LINE -G- GAS LINE





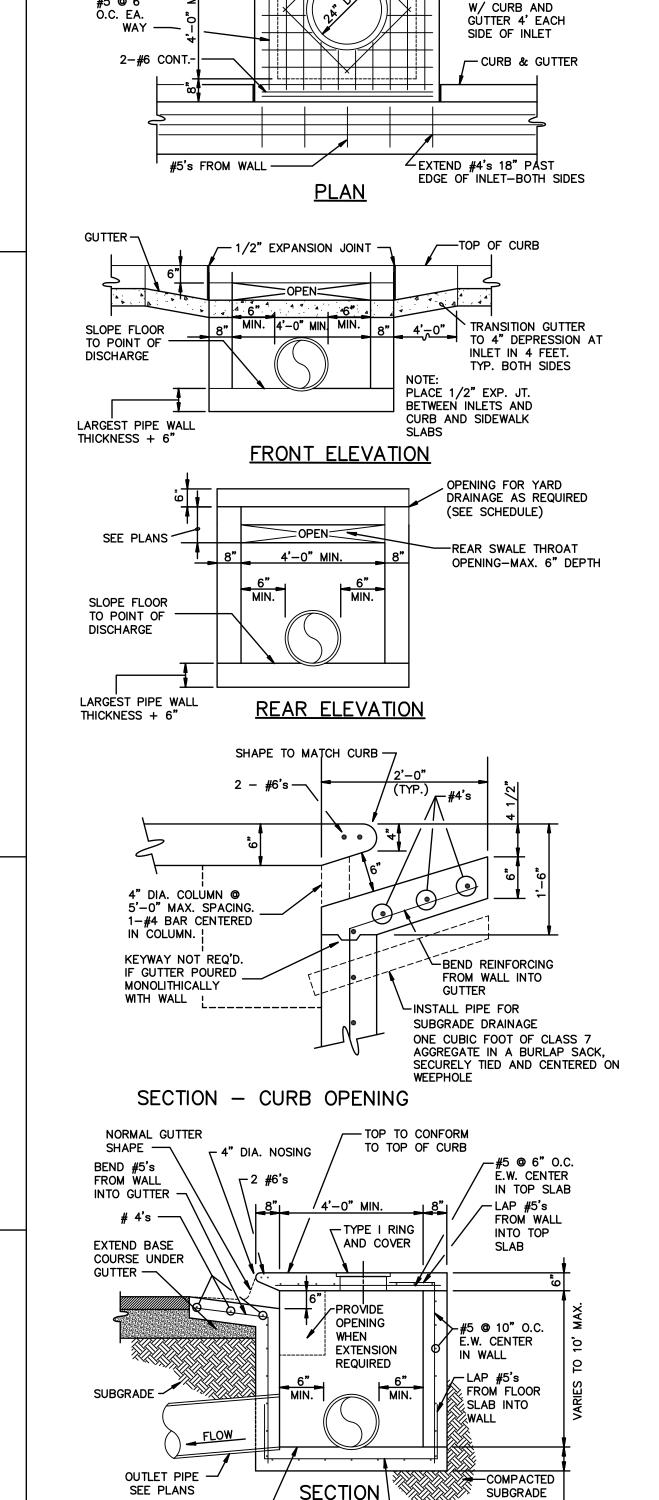






IN ACCORDANCE WITH

SPECIFICATIONS.



#5 BARS

DIAGONAL -

RING & COVER

CAST THROAT MONOLITHICALLY

501.574.4007

2404

S

ARK

SBORO

ONE

4

ď

ARRISBURG

3

22

Arkan

Rock,

Little

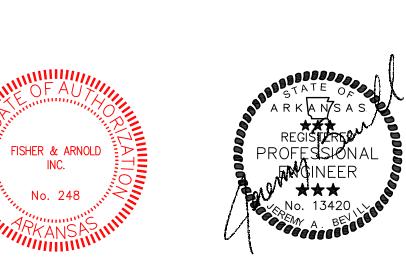
Midland

3/11/19 **ER**:

240

ORO

26



∠SLOPE FLOOR

BE PLACED ADJACENT TO THE WALL WITH THE STEPS.

2.0% TO OUTLET

INLETS MORE THAN 3'-0" DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED AT 15" O.C. — MANHOLE FRAME AND COVER SHALL

TYPICAL CURB INLET



LARGEST PIPE WALL

-#5 @ 10" O.C. E.W.

CENTER IN SLAB

THICKNESS +6" ---



ENGINEERING INTEGRATION

SHEET NUMBER:

DATE:

PROJECT NUMBER:

CONSTRUCTION

SHEET TITLE:

PLOT DATE:

REVISION & DATE: