

01 MECHANICAL PLAN
1/4"=1'-0"

MECHANICAL KEY NOTES

- 1 PROVIDE DUCT MOUNTED SMOKE DETECTOR. TIE IN AUDIO-VISUAL ANNUNCIATOR. UPON DETECTION OF SMOKE, ROOFTOP UNIT SHALL SHUT DOWN AND ACTIVATE ALARM. COORDINATE INSTALLATION LOCATION WITH ACCESS REQUIREMENTS.
- 2 PROVIDE HONEYWELL VISION PRO 8000 TOUCHSCREEN 7-DAY PROGRAMMABLE THERMOSTAT WITH AUTO-CHANGEOVER AND AUTOMATIC START CAPABILITY. MOUNT THERMOSTAT 48" ABOVE FINISHED FLOOR. COORDINATE FINAL INSTALLATION LOCATION OF THERMOSTAT WITH OWNER'S REPRESENTATIVE.
- 3 PROVIDE MICROPROCESSOR REMOTE INTERFACE. MOUNT MICROPROCESSOR REMOTE INTERFACE 48" ABOVE FINISHED FLOOR. COORDINATE FINAL INSTALLATION LOCATION OF MICROPROCESSOR REMOTE INTERFACE WITH OWNER'S REPRESENTATIVE.
- 4 PROVIDE COMBINATION TEMPERATURE/HUMIDITY SENSOR. MOUNT SENSOR 48" ABOVE FINISHED FLOOR. HUMIDITY SENSOR SHALL OPERATE REFRIGERATION SYSTEM AND INITIATE HOT GAS REHEAT AS REQUIRED TO MAINTAIN SPACE HUMIDITY AT 55% RH.
- 5 INSTALL OWNER FURNISHED TYPE I GREASE EXHAUST HOOD. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE TRAPEZE HANGERS FOR ALL THREAD SUPPORT UNDER DUCTWORK AS REQUIRED. REFER TO HOOD DRAWING SET ON SHEET M3.1-M3.4 FOR HOOD SPECIFICATION AND ADDITIONAL INFORMATION.
- 6 INSTALL OWNER FURNISHED UL-2221 LISTED DOUBLE-WALL GREASE DUCT, EQUAL TO FRANKIE SYSTEMS MODEL FRDW-2R ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL FROM HOOD COLLAR EXHAUST FAN ON ROOF. INSTALL EXHAUST DUCT PER MANUFACTURER'S INSTRUCTIONS. PROVIDE CLEANOUTS AT EVERY CHANGE OF DIRECTION IN THE DUCT AND/OR EVERY 10 FEET WITH MINIMUM OF 3 FEET OF CLEARANCE IN FRONT OF CLEAN-OUT.
- 7 DUCT UP TO EQUIPMENT ON ROOF. REFER TO SHEET M1.2 FOR EQUIPMENT LOCATION.
- 8 INSTALL ROOM TEMPERATURE SENSOR FOR HOOD THERMOSTATIC CONTROL. SEE HOOD DRAWING SET ON M3.1-M3.4 FOR HOOD SPECIFICATIONS AND ADDITIONAL INFORMATION.
- 9 PROVIDE AIR CURTAIN. MOUNT UNIT ON WALL DIRECTLY ABOVE DOOR PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 10 UNDERCUT DOOR BY 3/4" FOR AIR TRANSFER
- 11 PULL STATION & TENSION CABLE FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM ACTIVATION TO BE PROVIDED BY FIRE SUPPRESSION SUBCONTRACTOR. GENERAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR JUNCTION BOX AND CONDUIT TO PULL STATION. LINE-SIZED MECHANICAL (OR ELECTRICAL) GAS SHUT OFF VALVE PROVIDED BY HOOD VENDOR. FIRE SUPPRESSION SUBCONTRACTOR SHALL VERIFY APPROVED LOCATION WITH LOCAL AUTHORITY AND COORDINATE THE COMPLETE INSTALLATION WITH ALL OTHER TRADES

GENERAL NOTES

- A. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- B. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- C. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- D. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- E. SUPPORT NEW MECHANICAL SYSTEMS WITH SEISMIC RESTRAINTS IN ACCORDANCE WITH SEISMIC HAZARD LEVEL 'A' OF THE SEISMIC RESTRAINT MANUAL, AS PUBLISHED BY SMACNA, AND IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, LATEST EDITION.

AIR DISTRIBUTION SIZING - ROUND DUCT

UNLESS NOTED OTHERWISE ON PLANS, THE FOLLOWING CHART SHALL APPLY TO ROUND DUCT SIZES FOR SUPPLY AIR*, EXHAUST AIR, AND RETURN AIR.

| SUPPLY AND EXHAUST AIR CFM RANGE | DUCT SIZE | RETURN AIR CFM RANGE |
|----------------------------------|-----------|----------------------|
| 0-100 | 6" | 0-70 |
| 105-200 | 8" | 75-155 |
| 205-395 | 10" | 160-285 |
| 400-605 | 12" | 290-465 |
| 610-920 | 14" | 470-710 |
| 925-1200 | 16" | 715-1015 |

* DIFFUSER NECK SIZES SHALL MATCH SUPPLY AIR DUCT SIZING.

ISSUE TABLE

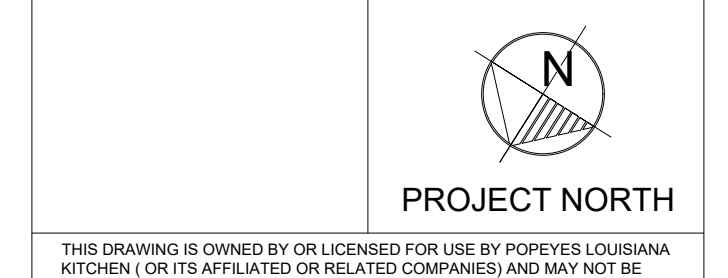
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REVISIONS

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

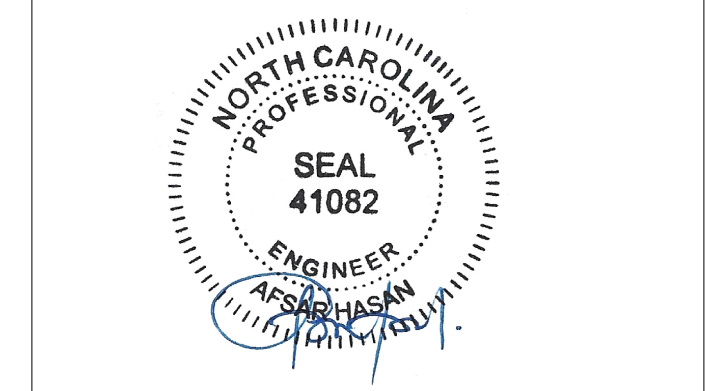
DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
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9.13.2023

Company Logo



Project



POPEYES

Store Type
US 2112 PROTOTYPE
2112-21

Location

1517 NC 24-87
CAMERON, NC

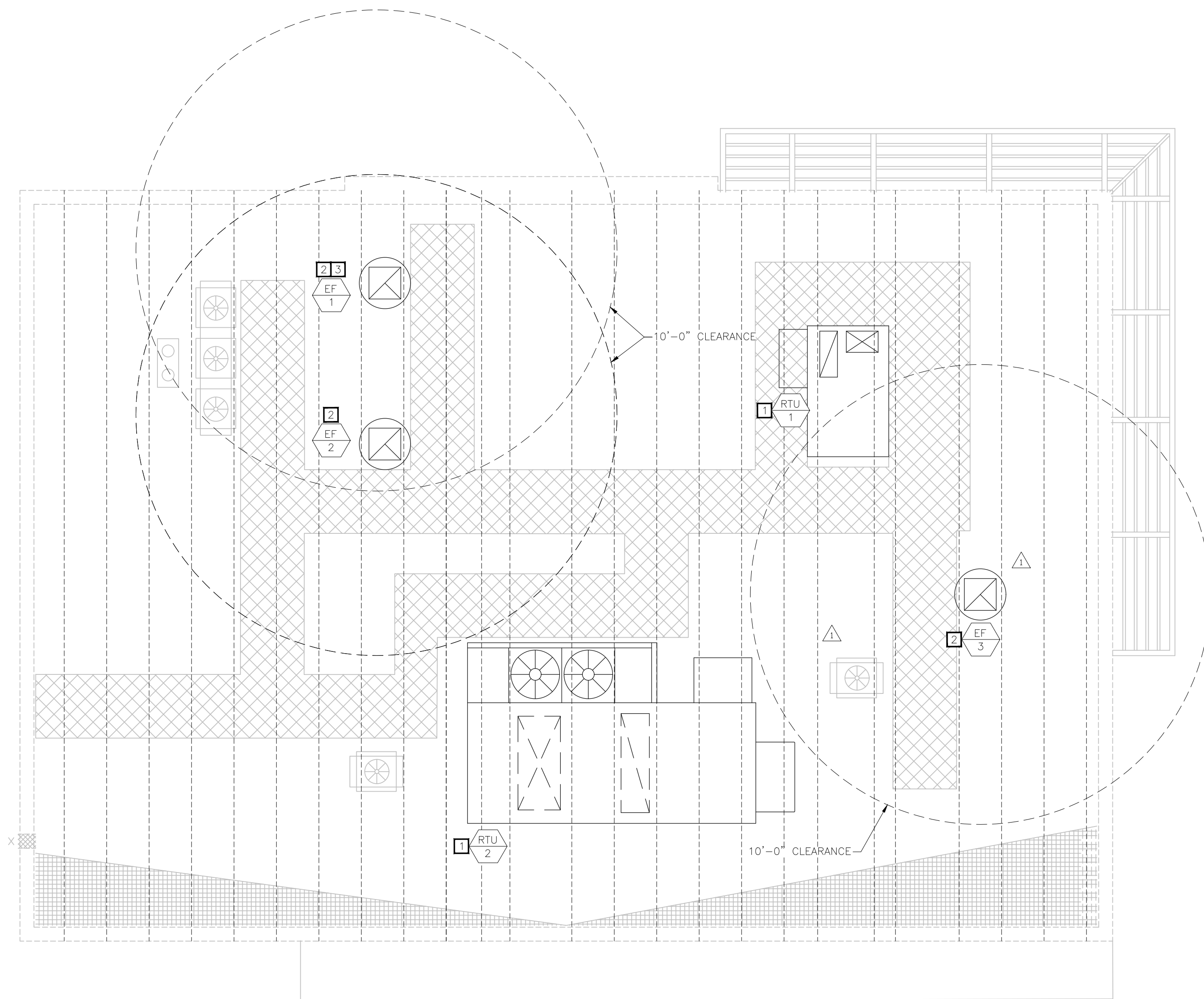
Drawing Title
MECHANICAL PLAN

| Drawn | Checked |
|-------|---------|
| NI | AH |

| Scale | Date |
|--------------|-----------|
| 1/4" = 1'-0" | JUNE 2023 |

| Project No. | Drawing No. |
|-------------|-------------|
| C22-129 | M1.1 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



01 MECHANICAL ROOF PLAN
1/4"=1'-0"

MECHANICAL KEY NOTES

- 1 PROVIDE ROOFTOP UNIT AND CURB. COORDINATE UNIT WITH STRUCTURE. SHIM UNIT AND CURB LEVEL FOR PROPER CONDENSATE DRAINAGE. PROVIDE FLEXIBLE CONNECTORS ON SUPPLY AND RETURN AIR DUCT CONNECTIONS. TRANSITION TO DUCT SIZES SHOWN ON SHEET M1.1.
- 2 INSTALL OWNER FURNISHED ROOF MOUNTED EXHAUST FAN AND CURB.
- 3 INSTALL OWNER FURNISHED WIND BAND EXTENSION FOR GREASE EXHAUST FAN. EXHAUST TERMINATION MUST BE EQUAL OR HIGHER THAN ANY WALL OR PARAPET WITHIN 5'-0" OF FAN. VERIFY REQUIRED HEIGHT PRIOR TO BID AND COORDINATE WITH HOOD MANUFACTURER FOR ADDITION TO EQUIPMENT PRIOR TO BID.

GENERAL NOTES

- A. SEAL ALL ROOF PENETRATIONS WATER TIGHT. COORDINATE ALL PENETRATIONS WITH GENERAL CONTRACTOR AND ROOFING CONTRACTOR.
- B. ALL OUTDOOR INTAKES SHALL BE LOCATED AT LEAST 10 FEET FROM EXHAUST OUTLETS, APPLIANCE FLUES AND PLUMBING VENTS.
- C. MAINTAIN ALL CODE AND MANUFACTURER'S RECOMMENDED CLEARANCES AROUND ALL ROOF EQUIPMENT.

ISSUE TABLE

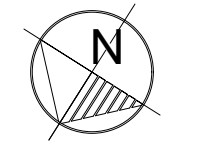
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REVISIONS

| No. | Date | Description |
|-----|-----------|------------------|
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| 2 | 9/04/2023 | HEALTH COMMENTS |
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DRAWINGS REVISED AS PER DESIGN BULLETIN

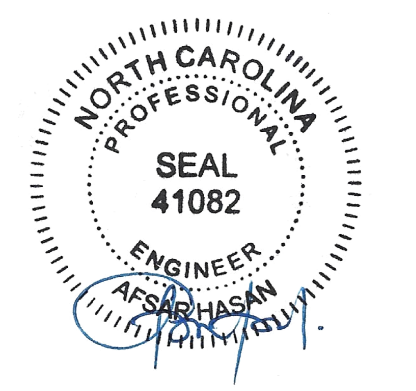
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PROJECT NORTH

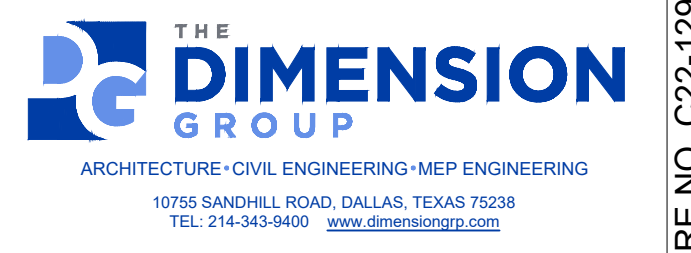
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9.13.2023

Company Logo



Project



POPEYES

Store Type

US 2112 PROTOTYPE
2112-21

Location

1517 NC 24-87
CAMERON, NC

Drawing Title

MECHANICAL ROOF PLAN

| | |
|--------------|-------------|
| Drawn | Checked |
| NI | AH |
| Scale | Date |
| 1/4" = 1'-0" | JUNE 2023 |
| Project No. | Drawing No. |
| C22-129 | M1.2 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

2018 INTERNATIONAL MECHANICAL CODE - TABLE 403.3.1.1 VENTILATION SUMMARY

| OCCUPANCY CATEGORY | PEOPLE OUTDOOR AIR RATE - (Rp) (CFM/PERSON) | AREA OUTDOOR AIR RATE - (Ra) (CFM/SQ.FT.) | OCCUPANCY DENSITY P/1,000 SQ.FT. | OCCUPANCY CLASSIFICATION P/1,000 SQ.FT. | CALCULATED OCCUPANCY DENSITY | ZONE OCCUPANCY OVERRIDE | PEOPLE EXPECTED TO OCCUPY THE ZONE - (Pz) | Rp*Pz | Ra*Az | AREA - (Az) SQ.FT. | ZONE AIR DISTRIBUTION EFFECTIVENESS - Ez | BREATHING ZONE OUTDOOR AIRFLOW - (Vbz) CFM | ZONE OUTDOOR AIRFLOW (Voz) | ZONE PRIMARY AIRFLOW (Vpz) | PRIMARY OUTDOOR AIR FRACTION (Zp) Zp=Voz/Vpz | OCCUPANT DIVERSITY RATIO (D) | UNCORRECTED OUTDOOR AIR INTAKE (Vou) CFM | SYSTEM VENTILATION EFFICIENCY Ev | CORRECTED OUTDOOR AIRFLOW (Vot) CFM | PROVIDED OUTDOOR AIRFLOW CFM |
|--|---|---|----------------------------------|---|------------------------------|-------------------------|---|-------|-------|--------------------|--|--|----------------------------|----------------------------|--|------------------------------|--|----------------------------------|-------------------------------------|------------------------------|
| RTU-1 | | | | | | | | | | | | | | | | | | | | |
| DINING | 7.5 | 0.18 | 70 | DINING | 26 | — | 26 | 194 | 67 | 370 | 0.8 | 261 | 326 | 1400 | 0.23 | | 261 | | 284 | |
| SALES | 7.5 | 0.12 | 20 | KITCHEN | 3 | — | 3 | 20 | 16 | 130 | 0.8 | 35 | 44 | 400 | 0.11 | | 35 | | 35 | |
| VESTIBULE | — | 0.06 | — | CORRIDOR | — | — | — | — | 2 | 40 | 0.8 | 2 | 3 | 150 | 0.02 | | 2 | | 3 | |
| RESTROOM | — | — | — | RESTROOM | — | — | — | — | — | 55 | 0.8 | — | — | 50 | — | | — | | — | |
| SYSTEM POPULATION INCLUDING DIVERSITY (Ps) = | | | | | | | 26 | | | | | | | MAX Zp = | 0.23 | 1.00 | 298 | 0.92 | 324 | 400 |
| DOAS-1 | | | | | | | | | | | | | | | | | | | | |
| KITCHEN | 7.5 | 0.12 | 20 | KITCHEN | 4 | — | 4 | 32 | 25 | 210 | 0.8 | 57 | 71 | 1600 | 0.04 | | 57 | | 57 | |
| BOH | 7.5 | 0.12 | 20 | KITCHEN | 14 | — | 14 | 107 | 85 | 710 | 0.8 | 192 | 240 | 2800 | 0.09 | | 192 | | 192 | |
| DRIVE THRU | 7.5 | 0.12 | 20 | KITCHEN | 2 | — | 2 | 17 | 13 | 110 | 0.8 | 30 | 37 | 400 | 0.09 | | 30 | | 30 | |
| SYSTEM POPULATION INCLUDING DIVERSITY (Ps) = | | | | | | | 21 | | | | | | | MAX Zp = | 0.09 | 1.00 | 278 | 1.00 | 278 | 2,500 |

ROOFTOP UNIT SCHEDULE

| MARK (RTU-#) | 1 | 2 |
|----------------------------|-----------------|-------------|
| MANUFACTURER | CARRIER | GREENHECK |
| MODEL | 50GCBK06 | RV-45-15 |
| AIR FLOW (CFM) | 2,000 | 5,000 |
| OA FLOW (CFM) | 400 | 2,500 |
| AMBIENT OAT (°F) | 95.5 | 95.5 |
| EXTERNAL STATIC (IN. W.C.) | 0.60 | 1.00 |
| DX COOLING COIL | | |
| EAT (TDS/WB) | 80/67 | 80/67 |
| TOTAL (BTU/HR) | 59,000 | 202,000 |
| SENSIBLE (BTU/HR) | 46,800 | 141,100 |
| ELECTRIC HEAT | | |
| FUEL | ELECTRIC (332A) | ELECTRIC |
| ELECTRIC HEAT (KW) | 18.4 | 57.4 |
| WINTER SA TEMP (°F) | 87 | 81 |
| FLA (Amps) | 51.1 | 159.3 |
| ELECTRICAL | | |
| VOLTS/Ø/HZ | 208-230/3/60 | 208/3/60 |
| UNIT MCA | 83 | 181.3 |
| MOCP AMPS | 90 | 200 |
| APPROX. WEIGHT (LBS) | 844 | 3,012 (+5%) |
| EER (SEER) | 12.8 (17.4) | 11 |
| NOTES | 1-14 | 1-11,13-15 |

- NOTES:**
- 1) PROVIDE FACTORY FABRICATED 14" HIGH ROOF CURB. CURB SHALL MATCH SLOPE OF ROOF. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - 2) PROVIDE FACTORY MOUNTED WEATHERHOOD AND BIRDSCREEN AT OUTSIDE AIR INTAKE.
 - 3) PROVIDE FACTORY INSTALLED LOW-LEAK DRY BULB ECONOMIZER WITH FAULT DETECTION AND DIAGNOSTICS.
 - 4) PROVIDE UNIT WITH LOUVERED HAIL GUARDS.
 - 5) PROVIDE 5 MINUTE COMPRESSOR RESTART TIME DELAY.
 - 6) PROVIDE FILTER RACK AND 2 SETS OF MERV 8 FILTERS.
 - 7) PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT SWITCH.
 - 8) CONTRACTOR SHALL INSTALL ALL COMPONENTS SHIPPED LOOSE TO THE FIELD.
 - 9) PROVIDE WITH FACTORY CONDENSATE OVERFLOW SWITCH, FOIL FACED INSULATION, AND HINGED ACCESS PANELS.
 - 10) SET MINIMUM OUTSIDE AIR AS SPECIFIED ABOVE. FIELD SET 2 MINIMUM POSITIONS TO MAINTAIN SCHEDULED OUTSIDE AIR FLOW RATE AT SUPPLY FAN MINIMUM AND MAXIMUM SPEEDS. OUTSIDE AIR DAMPER SHALL FULLY CLOSE UPON UNIT SHUTDOWN.
 - 11) PROVIDE POWERED GFCI CONVENIENCE OUTLET. OUTLET TO BE POWERED BY LINE SIDE OF DISCONNECT.
 - 12) PROVIDE FAN WITH 2-SPEED FAN CONTROL.
 - 13) PROVIDE FACTORY MOUNTED POWER EXHAUST.
 - 14) PROVIDE HOT GAS REHEAT COIL FOR DEHUMIDIFICATION WITH HUMIDISTAT SET TO 55% R.H.
 - 15) PROVIDE FACTORY MOUNTED SINGLE ZONE VAV AND DIGITAL SCROLL COMPRESSOR.

AIR BALANCE SCHEDULE

| | RTU-1 | RTU-2 | EF-1 | EF-2 | EF-3 | TOTALS |
|---|-------|-------|--------|--------|------|--------|
| OUTSIDE AIR FLOW (CFM) | 400 | 2,500 | 0 | 0 | 0 | 2,900 |
| RETURN AIR FLOW (CFM) | 1,600 | 2,500 | 0 | 0 | 0 | 4,100 |
| SUPPLY AIR FLOW (CFM) | 2,000 | 5,000 | 0 | 0 | 0 | 7,000 |
| EXHAUST AIR FLOW (CFM) | 0 | 0 | 1,230 | 1,230 | 75 | 2,535 |
| BUILDING PRESSURE (CFM) | 400 | 2,500 | -1,230 | -1,230 | -75 | 365 |
| RESULTING BUILDING PRESSURIZATION (CFM) | | | | | | 365 |

EXHAUST AND VENTILATION FAN SCHEDULE - OWNER FURNISHED

| MARK (EF-#) | 1 | 2 | 3 |
|-----------------------|------------|------------|----------------|
| MANUFACTURER | FRANKE | FRANKE | FRANKE |
| MODEL | FR-DU50HFA | FR-DU50HFA | FR-DR10HFA |
| TYPE | UPBLAST | UPBLAST | DOWNBLAST |
| DRIVE TYPE | DIRECT | DIRECT | DIRECT |
| PERFORMANCE | | | |
| AIR FLOW (CFM) | 1,230 | 1,230 | 75 |
| EXT. STATIC (IN W.C.) | 0.8 | 0.8 | 0.125 |
| FAN SPEED (RPM) | 1,500 | 1,500 | 1,015 |
| ELECTRICAL | | | |
| VOLTS/Ø/HZ | 120/1/60 | 120/1/60 | 120/1/60 |
| FAN MOTOR HP | 1/2 | 1/2 | 1/8 |
| ACCESSORIES | GDC,RC,WB | GDC,RC | BD,BS,DS,RC,SC |
| APPROX. WEIGHT (LBS) | 120 | 120 | 75 |
| SERVES | HOOD | HOOD | RESTROOM |
| NOTES | 1,2,3 | 1,2,3 | 3,4 |

ACCESSORIES:
 BD-BACKDRAFT DAMPER, BS-BIRD SCREEN, DS-DISCONNECT SWITCH, GDC-GREASE DRAIN AND CUP, RC-ROOF CURB PER HOOD PACKAGE SPECIFICATION, SC-FACTORY MOUNTED AND WIRED SPEED CONTROL, WB-WIND BAND EXTENSION, WP-NEMA 3R DISCONNECT SWITCH

- NOTES:**
- 1) FAN SHALL BE CONTROLLED BY SWITCH AT KITCHEN HOOD. INTERLOCK RTU-1 AND RTU-2 TO OPERATE IN OCCUPIED MODE WHILE HOOD EXHAUST FAN IS ENERGIZED. SEE HOOD PACKAGE ON M3 x SHEETS FOR MORE INFORMATION.
 - 2) PROVIDE WITH VARIABLE SPEED CONTROLLER.
 - 3) COORDINATE WITH MANUFACTURER FOR FINAL SELECTION.
 - 4) ELECTRICAL CONTRACTOR SHALL INTERLOCK FAN WITH TIMECLOCK.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

| MARK | A | B | C |
|----------------------|----------------------|----------------------|--------------------------|
| MANUFACTURER | TITUS | TITUS | TITUS |
| MODEL | TMS-AA | TMS-AA | PAR-AA |
| TYPE | SQUARE CONE DIFFUSER | SQUARE CONE DIFFUSER | PREFORATED FACE DIFFUSER |
| NECK SIZE (L"XW") | PER PLAN | PER PLAN | PER PLAN |
| FACE SIZE (L"XW") | 24"X24" | 24"X24" | 24"X24" |
| FRAME TYPE | LAY-IN | LAY-IN | LAY-IN |
| FINISH | WHITE | WHITE | WHITE |
| NOISE CRITERIA LEVEL | <30 | <30 | <30 |
| ACCESSORIES | TRM | TRM | |

| MARK | D | E | F |
|----------------------|----------------------|-------------------------|----------------|
| MANUFACTURER | TITUS | TITUS | TITUS |
| MODEL | TMS-AA | 355FL | 50F |
| TYPE | SQUARE CONE DIFFUSER | LOUVERED EXHAUST GRILLE | EGGCRAE GRILLE |
| NECK SIZE (L"XW") | PER PLAN | 10"X10" | 22"X22" |
| FACE SIZE (L"XW") | 12"X12" | 12"X12" | 24"X24" |
| FRAME TYPE | LAY-IN | SURFACE | LAY-IN |
| FINISH | WHITE | WHITE | WHITE |
| NOISE CRITERIA LEVEL | <30 | <30 | <30 |
| ACCESSORIES | TRM | STR | |

ACCESSORIES:
 STR-SQUARE TO ROUND TRANSITION (AS REQUIRED), TRM-RAPID MOUNT SHEETROCK FRAME

AIR CURTAIN SCHEDULE

| MARK (AC-#) | 1 |
|----------------------|----------------|
| MANUFACTURER | MARS |
| MODEL | LPV236-1UA-OB |
| AIR FLOW (CFM) | 900 |
| ELECTRICAL | |
| VOLTS/Ø/HZ | 115 |
| MOTOR QUANTITY | 1 |
| MOTOR HP | 1/8 |
| MCA (AMPS) | 3 |
| MOCP (AMPS) | 15 |
| FINISH | OBSIDIAN BLACK |
| APPROX. WEIGHT (LBS) | 32 |
| NOTES | 1-3 |

- NOTES:**
- 1) PROVIDE WITH INTEGRAL DISCONNECT SWITCH.
 - 2) PROVIDE WITH DOOR MICRO-SWITCH.
 - 3) PROVIDE WITH FILTER.
 - 4) PROVIDE MOUNTING HARDWARE REQUIRED BY MANUFACTURER FOR COMPLETE INSTALLATION.

ISSUE TABLE

| No. | Date (mm/dd/yy) | Description |
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REVISIONS

| No. | Date | Description |
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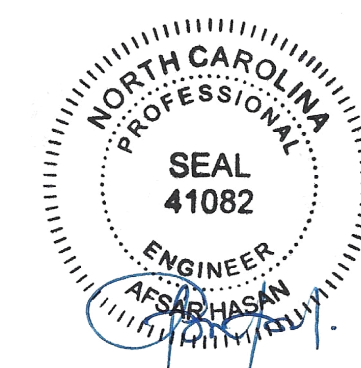
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PROJECT NORTH

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9.13.2023

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POPEYES

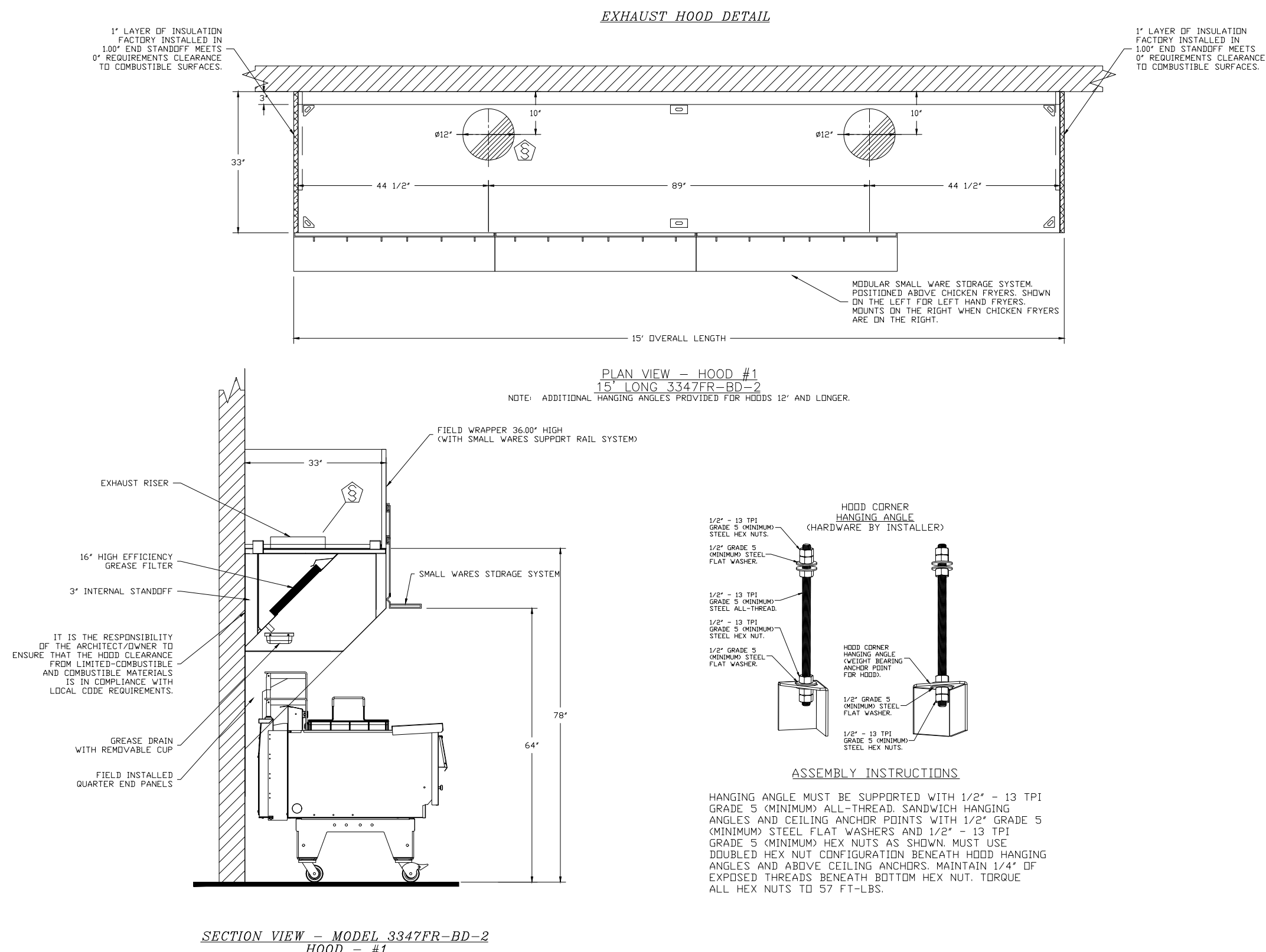
Store Type
 US 2112 PROTOTYPE
 2112-21

Location
 1517 NC 24-87
 CAMERON, NC

Drawing Title
 MECHANICAL SCHEDULES

| | |
|--------------|-------------|
| Drawn | Checked |
| NI | AH |
| Scale | Date |
| 1/4" = 1'-0" | JUNE 2023 |
| Project No. | Drawing No. |
| C22-129 | M2.1 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

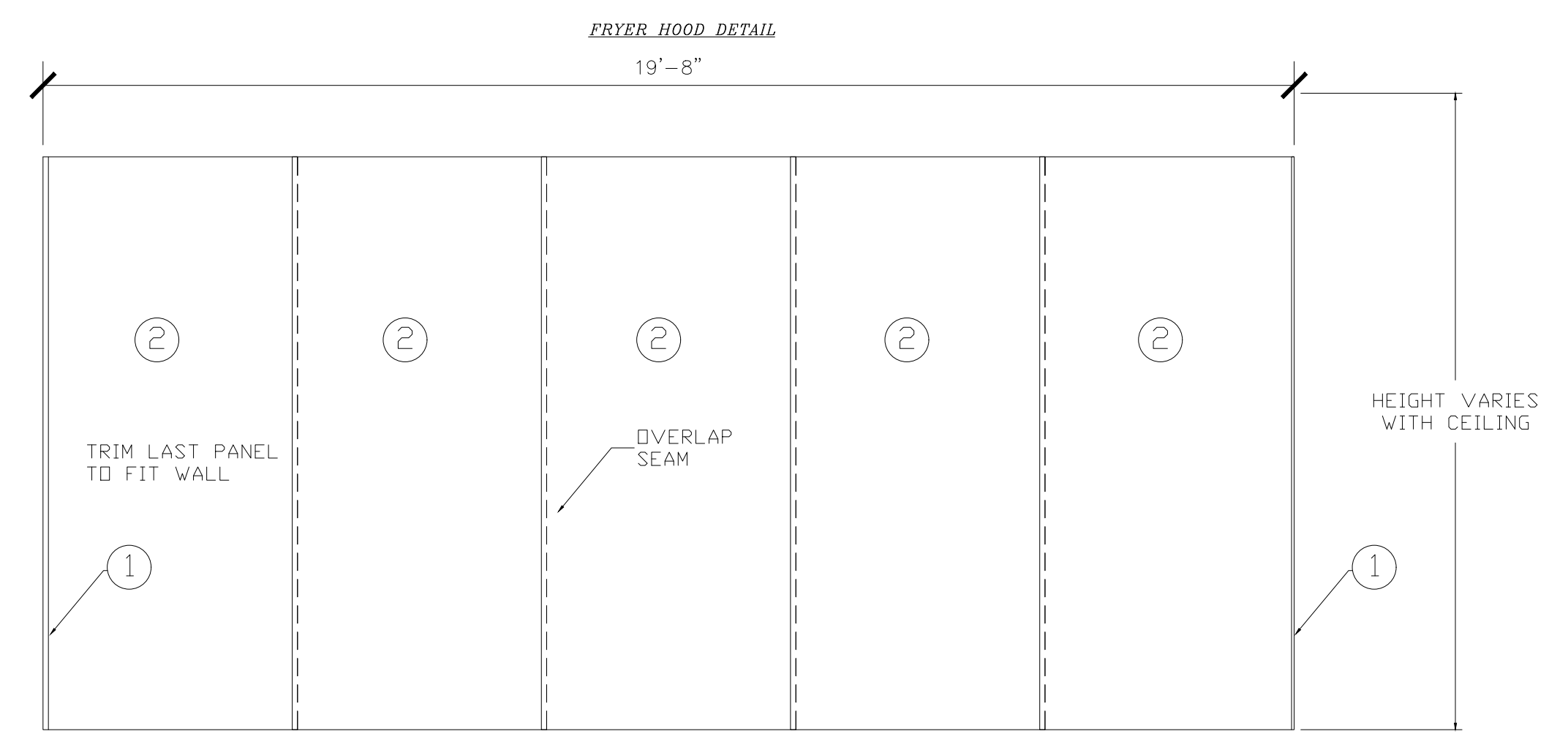


1 EXHAUST HOOD DETAIL
 SCALE: NO SCALE



PLK 2112
 15' HOOD PACKAGE

FRANKE FOODSERVICE SYSTEMS AMERICAS, INC.
 800 AVIATION PARKWAY
 SMYRNA, TN USA 37167
 PHONE: 1-800-877-5178
 WWW.FRANKESUPPLY.COM
 FS-BKSALES.US@FRANKE.COM



COVERS ENTIRE WALL BEHIND HOOD

| ITEM | QTY | DESCRIPTION |
|------|-----|------------------------|
| 1 | 2 | S/S CAP STRIP |
| 2 | 5 | WALL FLASHING 48" WIDE |

2 BACKSPASH DETAIL
 SCALE: NO SCALE

| No. | Date | Description |
|-------|----------|---------------|
| AM029 | 10/01/20 | INITIAL ISSUE |

ISSUE TABLE

| No. | Date (mm/dd/yy) | Description |
|-----|-----------------|-------------|
| | | |

REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
|-----|------|-------------|
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Account: POPEYES
 Restaurant: PLK 2112
 Title: WALL MOUNTED INSTALLATION DETAIL
 Site ID: -
 Operator: -
 Site Address: -
 City: -
 State: - Zip Code: - Country: -
 Region: -
 Building Type: -
 Electrical Service: -
 Gas Service: -
 Market Manager: -
 Franke Project Number: -

Created by: HP033
 Date Issued: 10/01/20
 Modified By: AM029
 Drawing Scale: AS NOTED
 Units: INCHES
 Drawing Number: -
 Sheet Name: -

Revision: A

1 OF 4

9.13.2023

Company Logo

ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING
 10755 SANDHILL ROAD, DALLAS, TEXAS 75238
 TEL: 214-343-9400 www.dimensiongroup.com

Project

POPEYES

Store Type: US 2112 PROTOTYPE 2112-21

Location: 1517 NC 24-87 CAMERON, NC

Drawing Title: MECHANICAL HOOD DRAWINGS

| Drawn | Checked |
|---------------------|------------------|
| NI | AH |
| Scale: 1/4" = 1'-0" | Date: JUNE 2023 |
| Project No: C22-129 | Drawing No: M3.1 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

EXHAUST FAN DATA

EXHAUST FAN INFORMATION - PLK 2136 PROTO

| FAN UNIT NO. | TAG | QTY | FAN UNIT MODEL # | MANUFACTURER | CFM | ESP | RPM | MOTOR ENCL. | HP | BHP | Ø | VOLT | FLA | DISCHARGE VELOCITY | WEIGHT (LBS) | SDNES |
|--------------|----------|-----|------------------|--------------------|------|-------|------|-------------|-------|--------|---|------|-----|--------------------|--------------|-------|
| 1 | EF-LEFT | 1 | FR-BUS0FA | FRANKE FOODSERVICE | 1231 | 0.800 | 1501 | TEAD-ECH | 0.500 | 0.3500 | 1 | 115 | 6.3 | 468 FPM | 78 | 15.9 |
| 2 | EF-RIGHT | 1 | FR-BUS0FA | FRANKE FOODSERVICE | 1231 | 0.800 | 1501 | TEAD-ECH | 0.500 | 0.3500 | 1 | 115 | 6.3 | 468 FPM | 78 | 15.9 |

FAN OPTIONS

| FAN UNIT NO. | TAG | QTY | DESCRIPTION |
|--------------|----------|-----|--|
| 1 | EF-LEFT | 1 | GREASE BOX |
| 1 | EF-LEFT | 1 | EXHAUST FAN HEAT BAFFLE |
| 1 | EF-LEFT | 1 | ECH WIRING PACKAGE - PWM SIGNAL FROM ECM3D PREWIRE (TELED MOTOR), CCV ROTATION |
| 2 | EF-RIGHT | 1 | GREASE BOX |
| 2 | EF-RIGHT | 1 | EXHAUST FAN HEAT BAFFLE |
| 2 | EF-RIGHT | 1 | ECH WIRING PACKAGE - PWM SIGNAL FROM ECM3D PREWIRE (TELED MOTOR), CCV ROTATION |

FAN ACCESSORIES

| FAN UNIT NO. | TAG | EXHAUST | SUPPLY |
|--------------|----------|--|--|
| 1 | EF-LEFT | GREASE CUP GRAVITY DAMPER WALL MOUNT SIDE DISCHARGE | GRAVITY DAMPER MOTORIZED DAMPER WALL MOUNT |
| 2 | EF-RIGHT | YES | |

CURB ASSEMBLIES

| NO | ON FAN | TAG | WEIGHT | ITEM | SIZE |
|----|--------|----------|--------|------|---------------------------------------|
| 1 | # 1 | EF-LEFT | 34 LBS | CURB | 19.500"W X 19.500"L X 24.000"H HINGED |
| 2 | # 2 | EF-RIGHT | 34 LBS | CURB | 19.500"W X 19.500"L X 24.000"H HINGED |

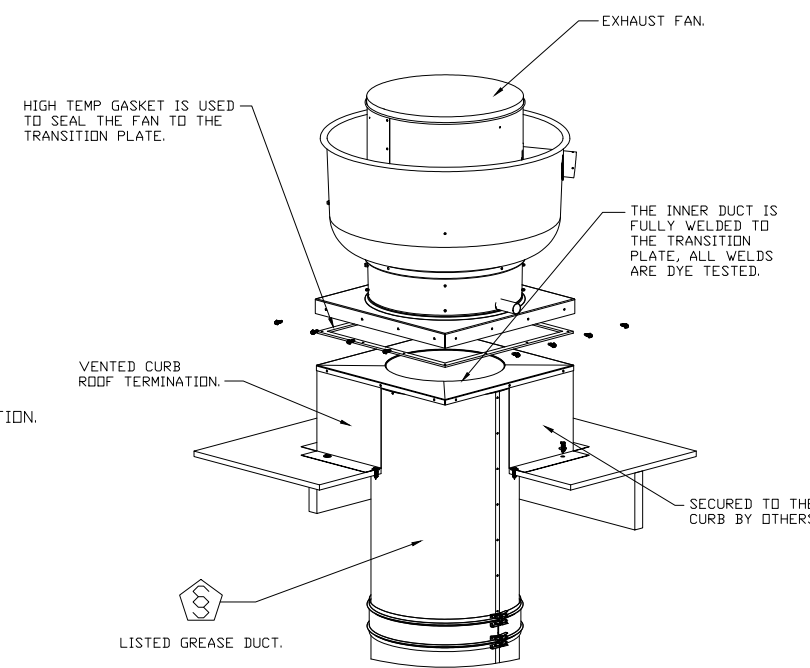
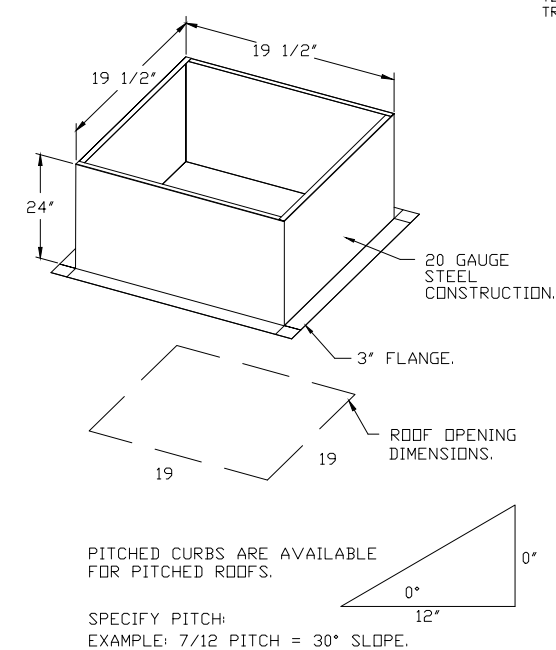
FEATURES:

- DIRECT DRIVE CONSTRUCTION AND BELT/SPLINES
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL704 AND UL-SEAS
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- INTERNAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION (BODY GASPS)
- GREASE CLASSIFICATION TESTING
- NEMA 3R SAFETY DISCONNECT SWITCH

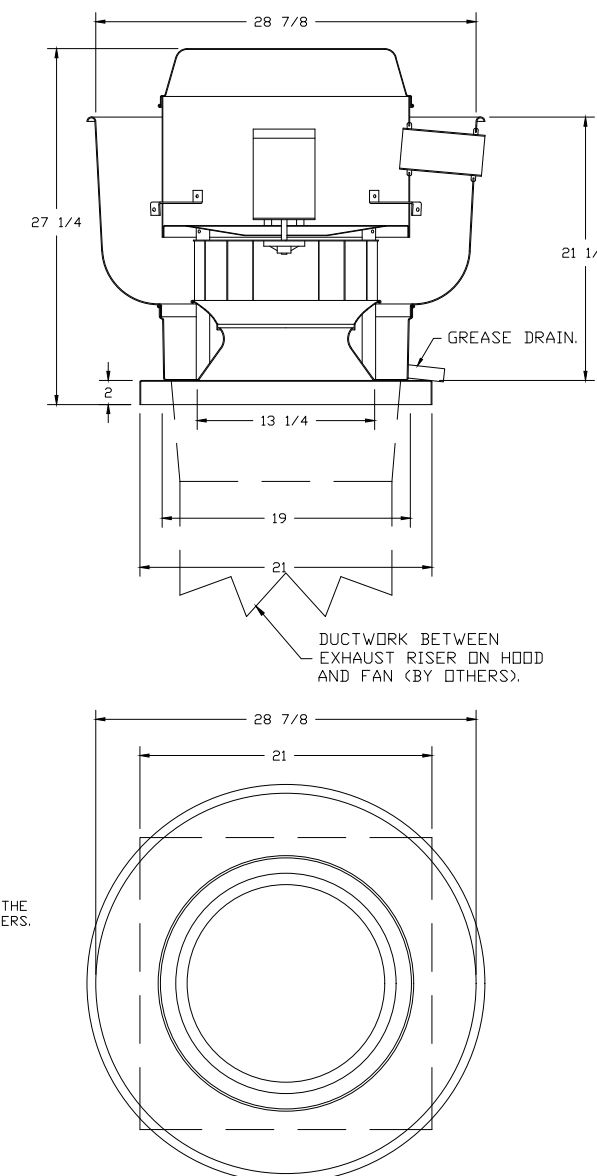
NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F GASPS UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM AND WITHOUT ANY DEGRADING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLAME-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F GASPS FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

DESIGNS
GREASE BOX
EXHAUST FAN HEAT BAFFLE
FAN BASE (EMERG. SEAL) - SHIP LOOSE -
FAN GREASE BOX
ECH WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL (TELED MOTOR), CCV ROTATION



FAN #1 (EF-LEFT), #2 (EF-RIGHT) - FR-BUS0FA EXHAUST FAN



EXHAUST HOOD DATA

HOOD INFORMATION - PLK 2136 PROTO

| HOOD NO. | TAG | MODEL | MANUFACTURER | LENGTH | MAX COOKING TEMP | TYPE | APPLIANCE DUTY | DESIGN CFM/FT | TOTAL EXH CFM | EXHAUST DESIGN | | | | HOOD CONSTRUCTION | | HOOD CONFIG | | |
|----------|-----|-------|--------------------|---------|------------------|------|----------------|---------------|---------------|----------------|--------|--------|------|-------------------|--------|---------------|------------|-------|
| | | | | | | | | | | WIDTH | LENGTH | HEIGHT | Ø | CFM | VEL | SP | END TO END | Ø |
| 1 | | 3347 | FRANKE FOODSERVICE | 14' 10" | 450 DEG | 1 | MEDIUM | 166 | 2462 | 4' | 12" | 1231 | 1567 | -0.734" | 430 SS | WHERE EXPOSED | ALONE | ALONE |

HOOD INFORMATION

| HOOD NO. | TAG | TYPE | FILTERS | | | LIGHTS | | | UTILITY CABINETS | | | FIRE SYSTEM | HOOD SYSTEM | |
|----------|-----|-----------------|---------|--------|--------|--------------|-----|------|------------------|----------|------|-------------|-------------|---------|
| | | | QTY | HEIGHT | LENGTH | EFFICIENCY % | QTY | TYPE | WIRE GUARD | LOCATION | SIZE | | | TYPE |
| 1 | | HIGH EFFICIENCY | 13 | 16" | 16" | >70% | 0 | | | | | | YES | 448 LBS |

GREASE DUCT & CHIMNEY SPECIFICATIONS:
PROVIDE GREASE DUCT EQUAL TO FRANKE FOODSERVICE SYSTEMS MODEL "FRDW" ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "FRDW" IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "FRDW" DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER THE MANUFACTURER'S INSTALLATION GUIDE. PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER MANUFACTURER'S LISTING MODEL "DW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16" PER 12". HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12". DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO FRANKE FOODSERVICE SYSTEMS MODEL "FRDW- 2R, 2R TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.

FRANKE FOODSERVICE SYSTEMS RECOMMENDS THE USE OF LISTED, PRE-FABRICATED ROUND GREASE EXHAUST DUCT TO REDUCE STATIC PRESSURE IN THE SYSTEM, MINIMIZE INSTALLATION AND INSPECTION TIMES, AND ENSURE DUCT IS LIQUID TIGHT

HVAC DISTRIBUTION NOTE
HIGH VELOCITY DIFFUSERS OR HVAC RETURNS SHOULD NOT BE PLACED WITHIN TEN (10) FEET OF THE EXHAUST HOOD. PERFORATED DIFFUSERS ARE RECOMMENDED.

VERIFY CEILING HEIGHT
HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS

CUSTOMER APPROVAL TO MANUFACTURE:
APPROVED AS NOTED
APPROVED WITH NO EXCEPTION TAKEN
REVISE AND RESUBMIT
SIGNATURE _____ DATE _____
YOUR TITLE _____

3 EXHAUST HOOD DATA
2 SCALE: NO SCALE

RESTROOM EXHAUST FAN DATA

EXHAUST FAN INFORMATION - JOB PLK PROTO

| FAN UNIT NO. | TAG | QTY | FAN UNIT MODEL # | MANUFACTURER | CFM | ESP | RPM | MOTOR ENCL. | HP | BHP | Ø | VOLT | FLA | DISCHARGE VELOCITY | WEIGHT (LBS) | SDNES |
|--------------|----------|-----|------------------|--------------------|-----|------|------|-------------|-------|------|---|------|-----|--------------------|--------------|-------|
| 3 | RESTROOM | 1 | FR-BR0HFA | FRANKE FOODSERVICE | 75 | 0.25 | 1015 | TEAD-ECH | 0.166 | 0.02 | 1 | 115 | 1.9 | 50 | 1.9 | |

FAN OPTIONS

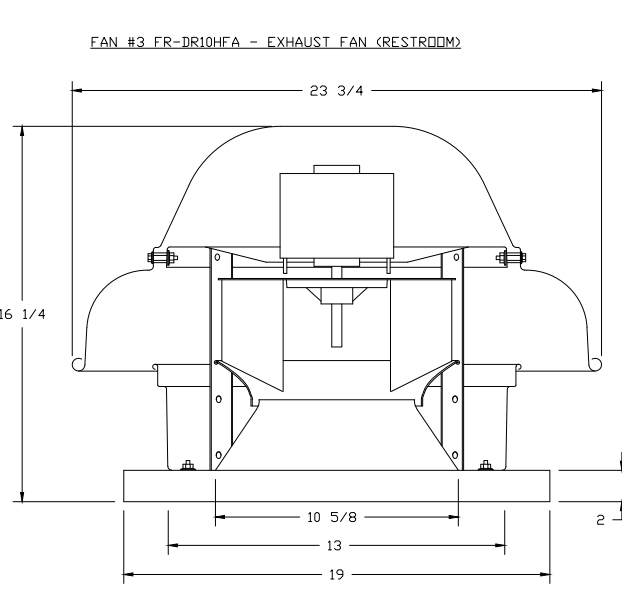
| FAN UNIT NO. | TAG | QTY | DESCRIPTION |
|--------------|----------|-----|---|
| 3 | RESTROOM | 1 | ECH WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL (TELED MOTOR), CCV ROTATION. |

FAN ACCESSORIES

| FAN UNIT NO. | TAG | EXHAUST | SUPPLY |
|--------------|----------|--|--|
| 3 | RESTROOM | GREASE CUP GRAVITY DAMPER WALL MOUNT SIDE DISCHARGE | GRAVITY DAMPER MOTORIZED DAMPER WALL MOUNT |

CURB ASSEMBLIES

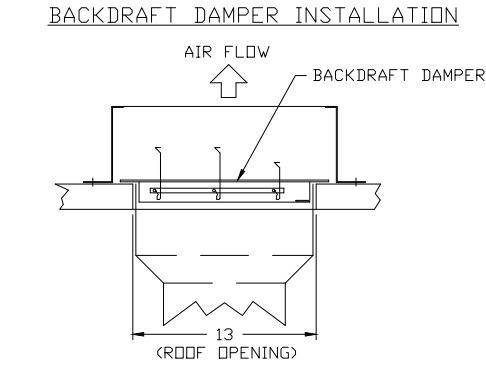
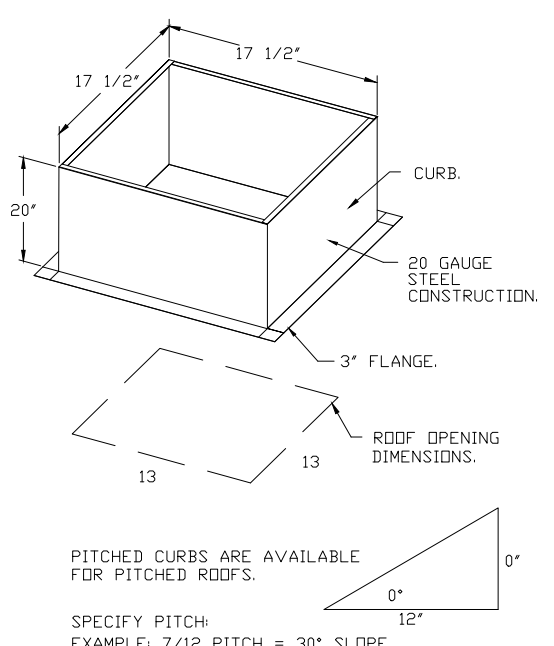
| NO | ON FAN | TAG | WEIGHT | ITEM | SIZE |
|----|--------|----------|--------|------|--------------------------------|
| 3 | # 3 | RESTROOM | 25 LBS | CURB | 17.500"W X 17.500"L X 20.000"H |



FEATURES:

- DIRECT DRIVE CONSTRUCTION AND BELT/SPLINES
- ROOF MOUNTED FANS
- UL705
- SAFETY DISCONNECT
- STANDARD BIRD SCREEN
- SPEED CONTROL

OPTIONS
1 1/2-BBD DAMPER
ECH WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL (TELED MOTOR), CCV ROTATION



CUSTOMER APPROVAL TO MANUFACTURE:
APPROVED AS NOTED
APPROVED WITH NO EXCEPTION TAKEN
REVISE AND RESUBMIT
SIGNATURE _____ DATE _____
YOUR TITLE _____

5 RESTROOM EXHAUST FAN DATA
2 SCALE: NO SCALE

4 EXHAUST FAN DATA
2 SCALE: NO SCALE

Revision #

| Revision # | Date | Description |
|------------|----------|---------------|
| A | 10/01/20 | INITIAL ISSUE |

ISSUE TABLE

| No. | Date (mm/dd/yy) | Description |
|-----|-----------------|-------------|
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REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
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Account: POPEYES Restaurant # PLK 2112
Title: WALL MOUNTED INSTALLATION DETAIL
Site ID: -
Operator: -
Site Address: -
City: -
State: - Zip Code: - Country: -
Region: -
Building Type: -
Electrical Service: -
Gas Service: -
Market Manager: -
Franke Project Number: -

Created by: HP033
Date Issued: 10/01/20
Modified By: AM029
Drawing Scale: AS NOTED
Units: INCHES
Drawing Number: -
Sheet Name: 2 OF 4

Company Logo

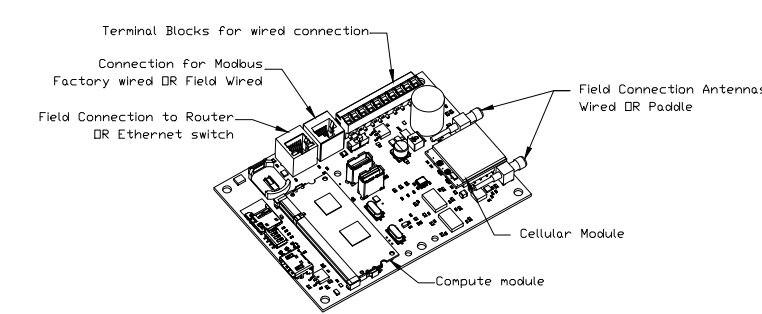
Project

Store Type: US 2112 PROTOTYPE 2112-21
Location: 1517 NC 24-87 CAMERON, NC

Drawing Title: MECHANICAL HOOD DRAWINGS
Drawn: NI Checked: AH
Scale: 1/4" = 1'-0" Date: JUNE 2023
Project No.: C22-129 Drawing No.: M3.2

ELECTRICAL PACKAGE - JOB#4702950

| NO | TAG | PACKAGE # | LOCATION | SWITCHES | | OPTION | FANS CONTROLLED | | | | | |
|----|-----|----------------|----------------------|------------------------|---------------|---|-----------------|---------|----|-------|-----|-----|
| | | | | LOCATION | QUANTITY | | FAN TAG | TYPE | HP | VOLT | FLA | |
| 1 | | SC-12010MA_M44 | WALL MOUNT IN SS BDX | 05 - SS WALL MOUNT BDX | 1 LIGHT 1 FAN | SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY | EF-LEFT | EXHAUST | 1 | 0.500 | 115 | 6.3 |
| | | | | | | | EF-RIGHT | EXHAUST | 1 | 0.500 | 115 | 6.3 |

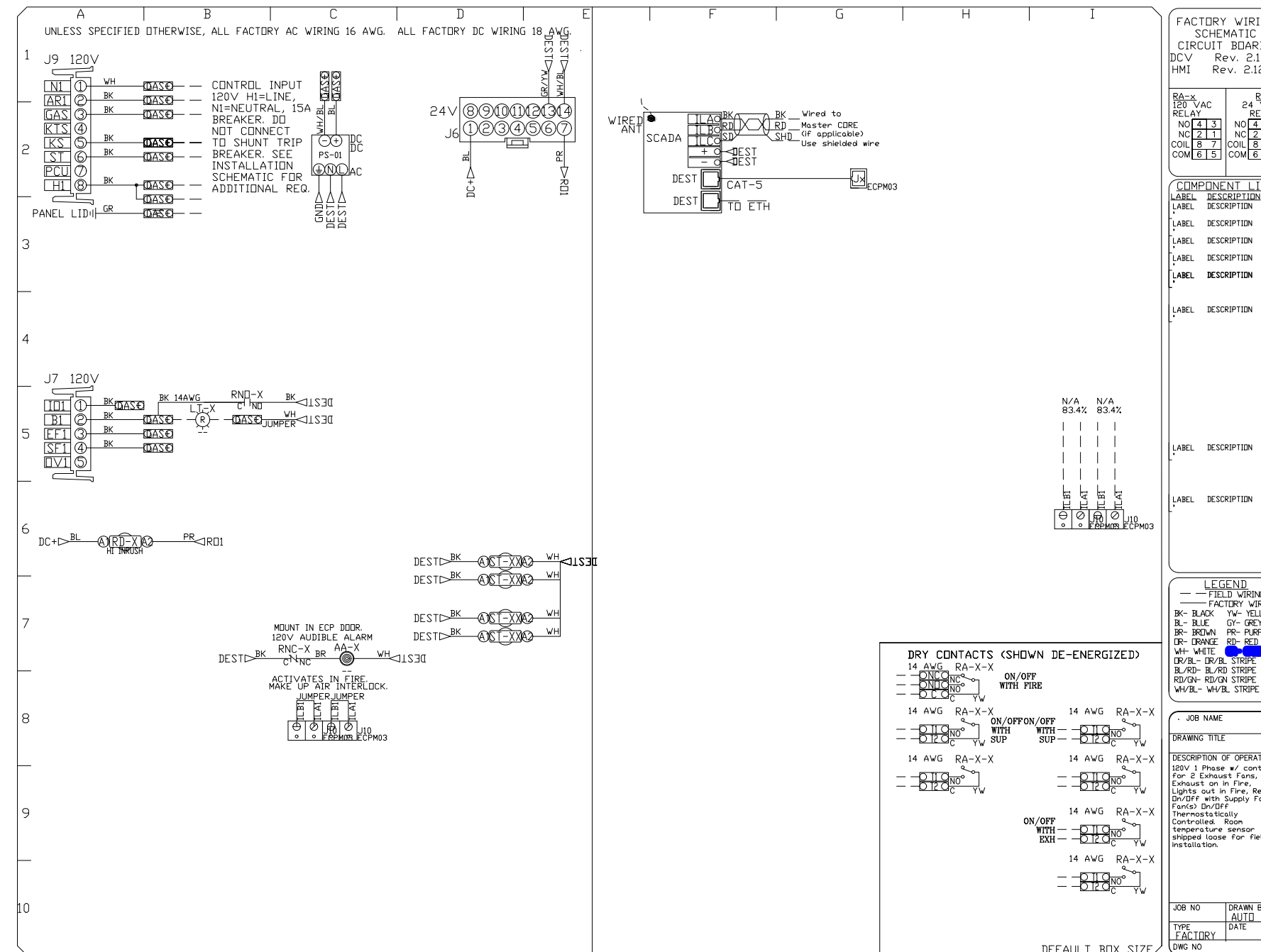
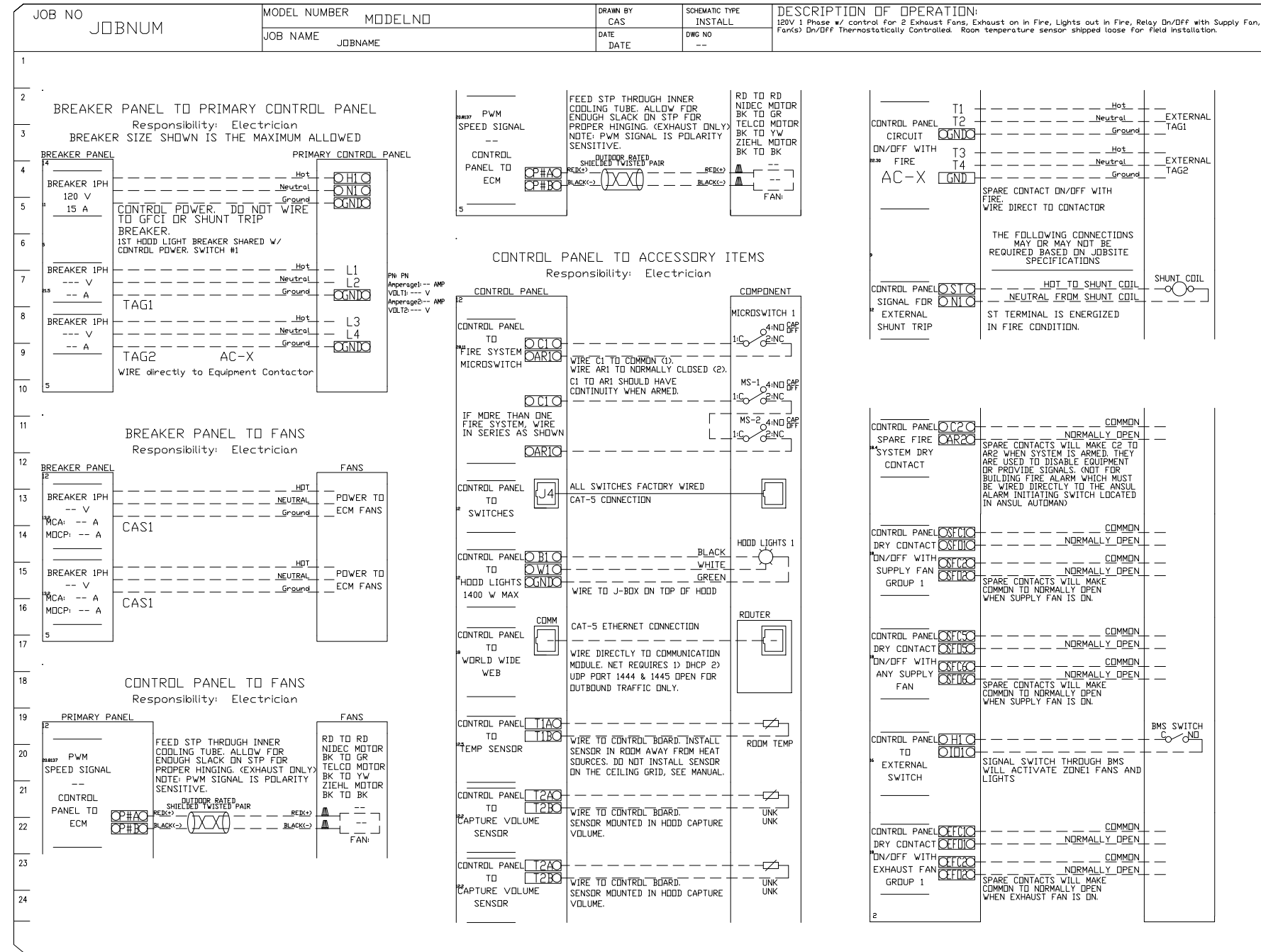


CASink Monitor and Control

Head control panel to support communications to cloud-based Building Management System
 Head Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
 Head Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
 Head Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building Management.

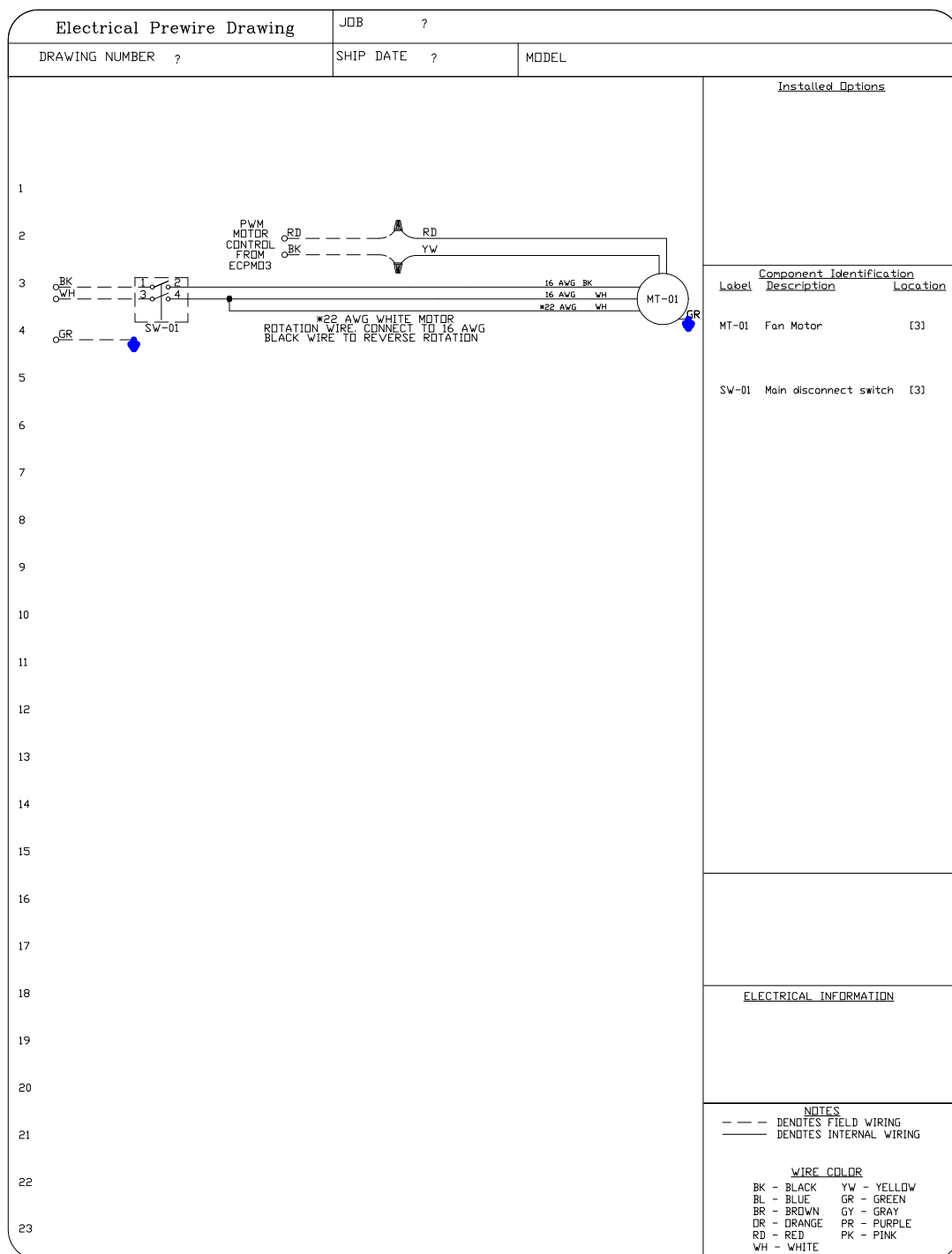
MONITORING AND CONTROL POINTS LIST

| DCV Packages | Function | SC Packages | Function |
|----------------------------------|-------------------|----------------------------------|-------------------|
| Room Temperature | MONITOR | Room Temperature(s) | MONITOR |
| Duct Temperature(s) | MONITOR | Duct Temperature(s) | MONITOR |
| MHA Discharge Temperature | MONITOR | MHA Discharge Temperature | MONITOR |
| MHA Return Discharge Temperature | MONITOR | MHA Return Discharge Temperature | MONITOR |
| Fan Speed | MONITOR | Control Panels | MONITOR |
| Fan Amperage | MONITOR | Fan Faults | MONITOR |
| Fan Phase | MONITOR | Fan Status | MONITOR |
| FFD Faults | MONITOR | FFD Faults | MONITOR |
| Controler Faults | MONITOR | FFD Filter Chg Percentages | MONITOR |
| Fan Faults | MONITOR | Fine Condition | MONITOR |
| Fan Status | MONITOR | CRMS Fine System | MONITOR |
| FFD Faults | MONITOR | Building Pressure | MONITOR |
| FFD Filter Chg Percentages | MONITOR | Fans Buttons(s) | MONITOR & CONTROL |
| Fine Condition | MONITOR | Fans Buttons(s) | MONITOR & CONTROL |
| CRMS Fine System | MONITOR | Flash Buttons | MONITOR & CONTROL |
| Building Pressure | MONITOR | Flash Buttons | MONITOR & CONTROL |
| Prep Time Buttons | MONITOR & CONTROL | | |
| Fans Buttons | MONITOR & CONTROL | | |
| Flash Buttons | MONITOR & CONTROL | | |

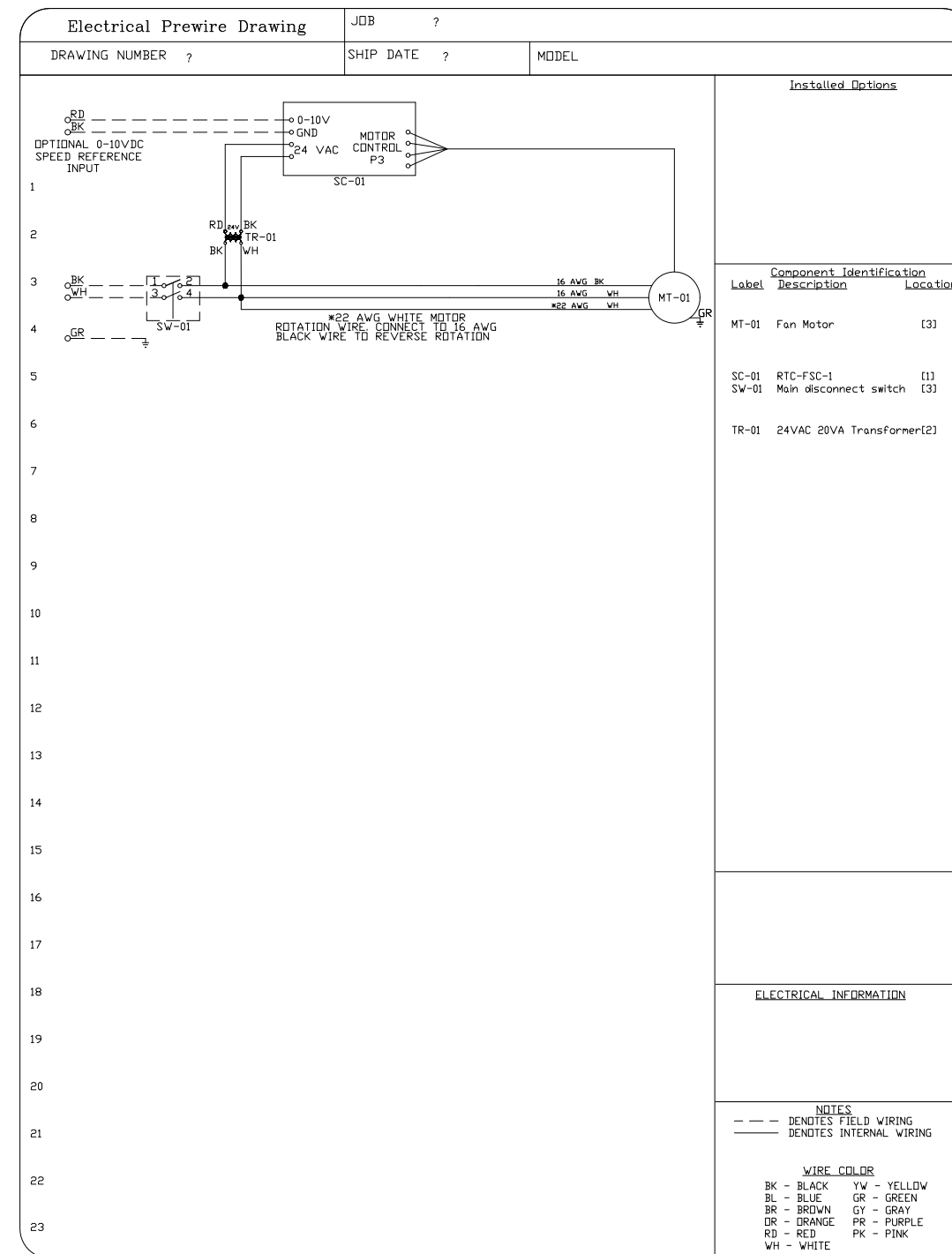


CONTROL SCHEMATIC - EXHAUST FANS

EXHAUST FAN - 12' HOOD



EXHAUST FAN - RESTROOM



ISSUE TABLE

| No. | Date (mm/dd/yyyy) | Description |
|-----|-------------------|-------------|
| | | |
| | | |
| | | |

REVISIONS

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

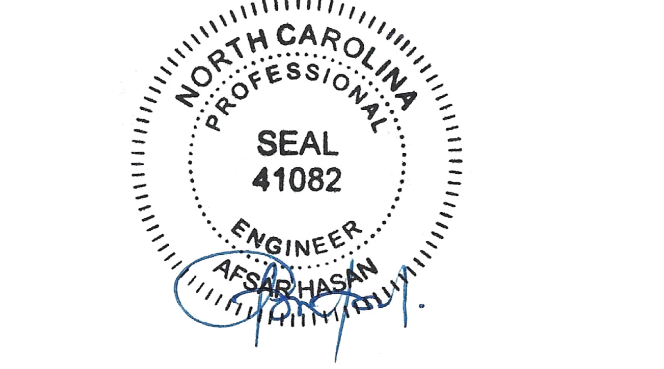
DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
|-----|------|-------------|
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Company Logo

ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING
 10755 SANDHILL ROAD, DALLAS, TEXAS 75238
 TEL: 214-343-9400 www.dimensiongroup.com

Account: POPEYES Restaurant
 Title: WALL MOUNTED INSTALLATION DETAIL
 Site ID:
 Operator:
 Site Address:
 City:
 State: Zip Code: Country:
 Region:
 Building Type:
 Electrical Service:
 Gas Service:
 Market Manager:
 Franke Project Number:

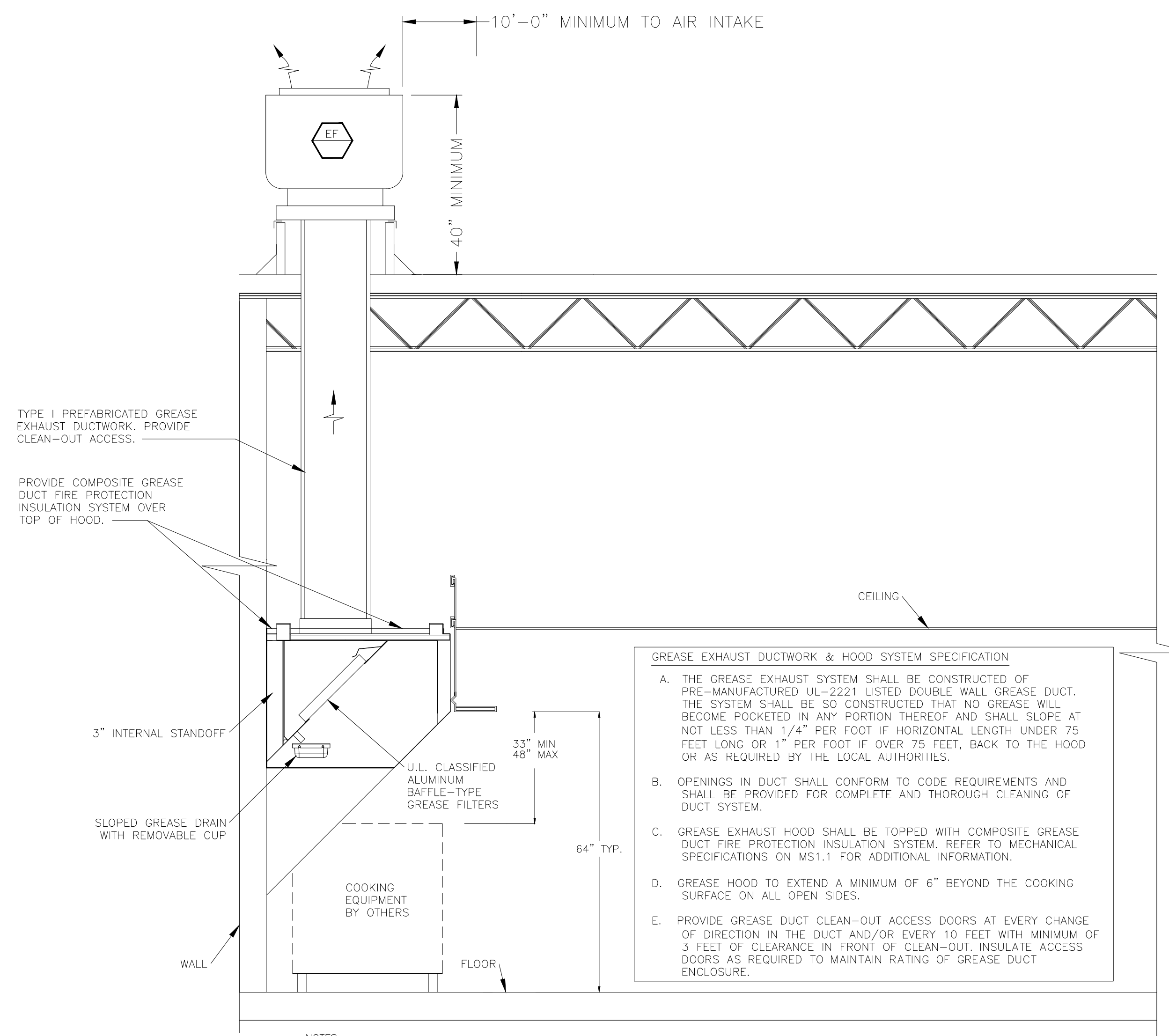
Project

POPEYES

Store Type: US 2112 PROTOTYPE 2112-21
 Location: 1517 NC 24-87 CAMERON, NC

Created by: HP033
 Date Issued: 10/01/20
 Modified by: AM029
 Drawing Scale: AS NOTED
 Units: INCHES
 Drawing Number: A
 Sheet Name: 3 OF 4

| Drawn | Checked |
|--------------|-------------|
| NI | AH |
| Scale | Date |
| 1/4" = 1'-0" | JUNE 2023 |
| Project No. | Drawing No. |
| C22-129 | M2.1 |



GREASE EXHAUST DUCTWORK & HOOD SYSTEM SPECIFICATION

A. THE GREASE EXHAUST SYSTEM SHALL BE CONSTRUCTED OF PRE-MANUFACTURED UL-2221 LISTED DOUBLE WALL GREASE DUCT. THE SYSTEM SHALL BE SO CONSTRUCTED THAT NO GREASE WILL BECOME POKETED IN ANY PORTION THEREOF AND SHALL SLOPE AT NOT LESS THAN 1/4" PER FOOT IF HORIZONTAL LENGTH UNDER 75 FEET LONG OR 1" PER FOOT IF OVER 75 FEET, BACK TO THE HOOD OR AS REQUIRED BY THE LOCAL AUTHORITIES.

B. OPENINGS IN DUCT SHALL CONFORM TO CODE REQUIREMENTS AND SHALL BE PROVIDED FOR COMPLETE AND THOROUGH CLEANING OF DUCT SYSTEM.

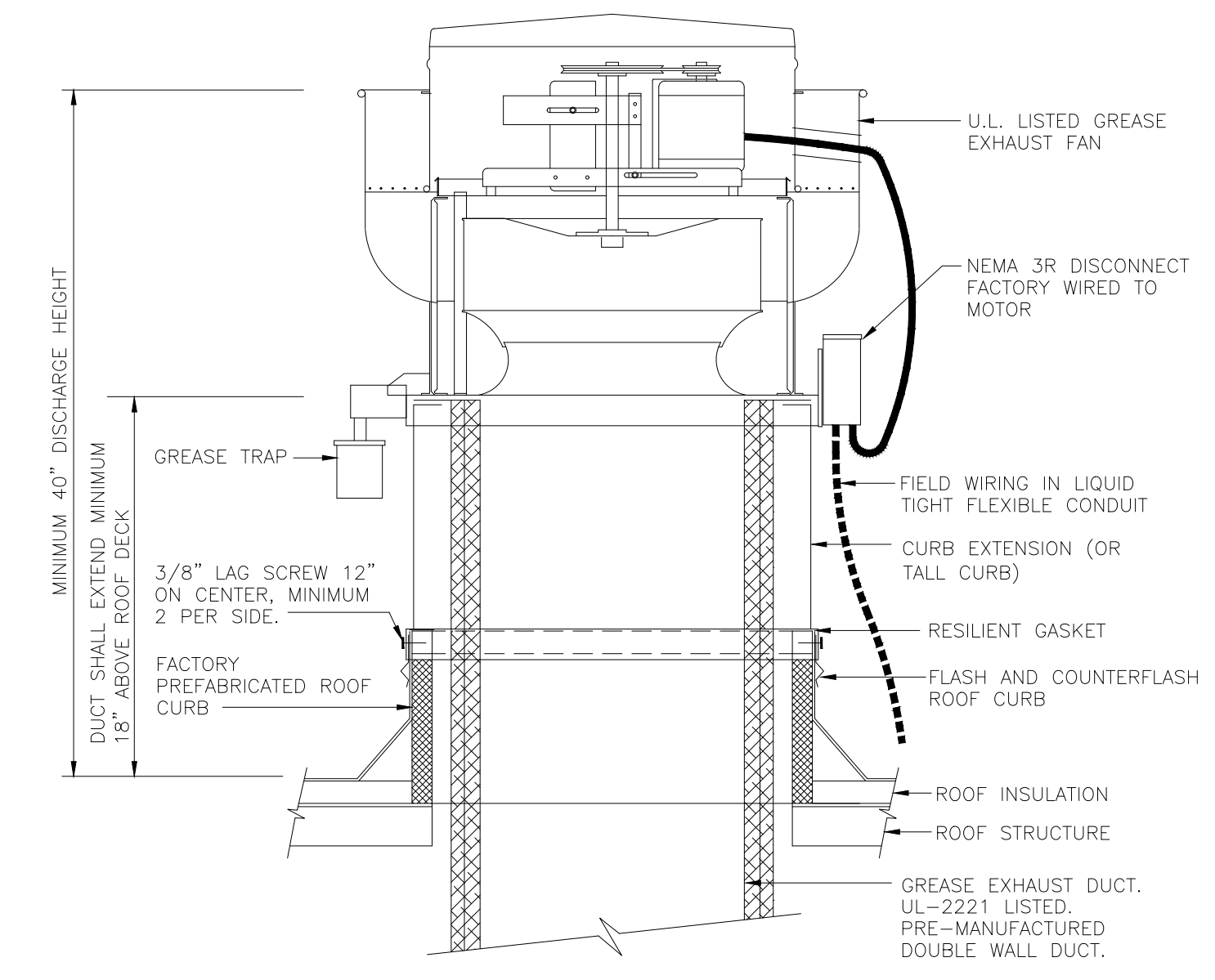
C. GREASE EXHAUST HOOD SHALL BE TOPPED WITH COMPOSITE GREASE DUCT FIRE PROTECTION INSULATION SYSTEM. REFER TO MECHANICAL SPECIFICATIONS ON MS1.1 FOR ADDITIONAL INFORMATION.

D. GREASE HOOD TO EXTEND A MINIMUM OF 6" BEYOND THE COOKING SURFACE ON ALL OPEN SIDES.

E. PROVIDE GREASE DUCT CLEAN-OUT ACCESS DOORS AT EVERY CHANGE OF DIRECTION IN THE DUCT AND/OR EVERY 10 FEET WITH MINIMUM OF 3 FEET OF CLEARANCE IN FRONT OF CLEAN-OUT. INSULATE ACCESS DOORS AS REQUIRED TO MAINTAIN RATING OF GREASE DUCT ENCLOSURE.

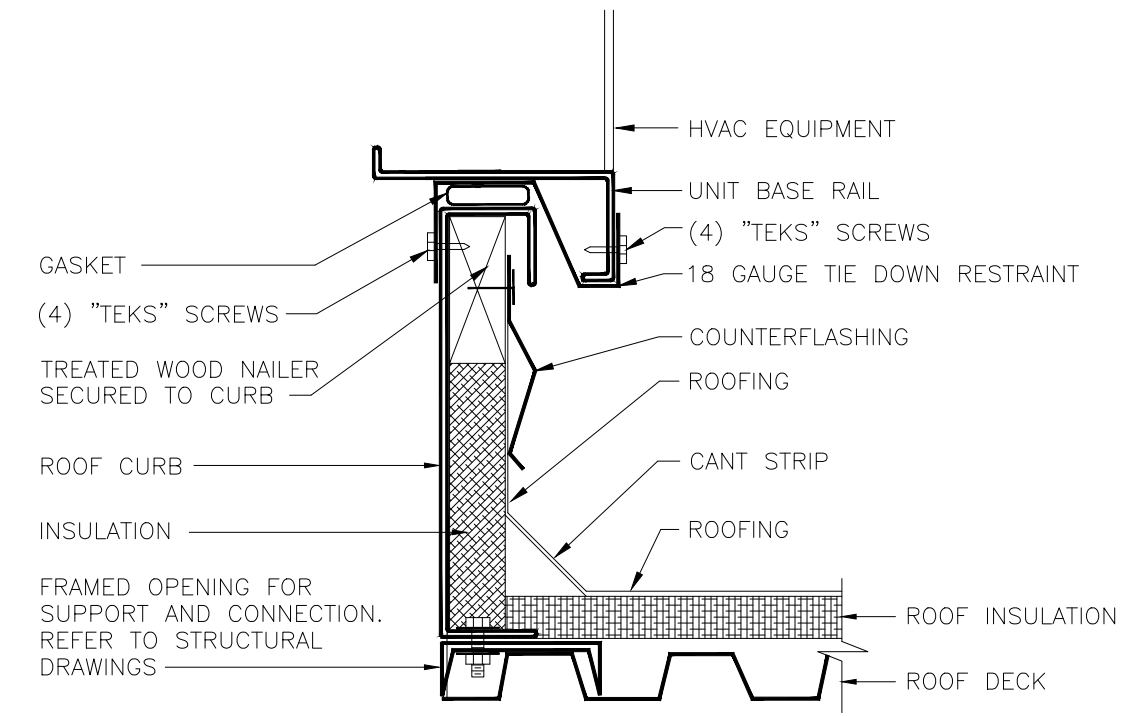
- NOTES:
1. PROVIDE UL LISTED TYPE 1 EXHAUST HOOD.
 2. GREASE HOOD SHALL MEET THE REQUIREMENTS OF MECHANICAL CODE, NSF AND NFPA FOR A TYPE 1 HOOD.
 3. FIRE DEPARTMENT APPROVAL SHALL BE REQUIRED ON FIRE PROTECTION SYSTEM FOR GREASE HOODS AND DUCTS AS REQUIRED BY MECHANICAL AND FIRE CODES.
 4. PROVIDE CHEMICAL FIRE SUPPRESSION SYSTEM AS REQUIRED BY NFPA 17A.
 5. PERFORM SMOKE TEST ON GREASE EXHAUST DUCTWORK AFTER DUCTWORK INSTALLATION IS COMPLETE BUT PRIOR TO DUCTWORK CONCEALMENT PER REQUIREMENTS OF LOCAL CODE AUTHORITIES.

05 KITCHEN HOOD SCHEMATICS
NOT TO SCALE

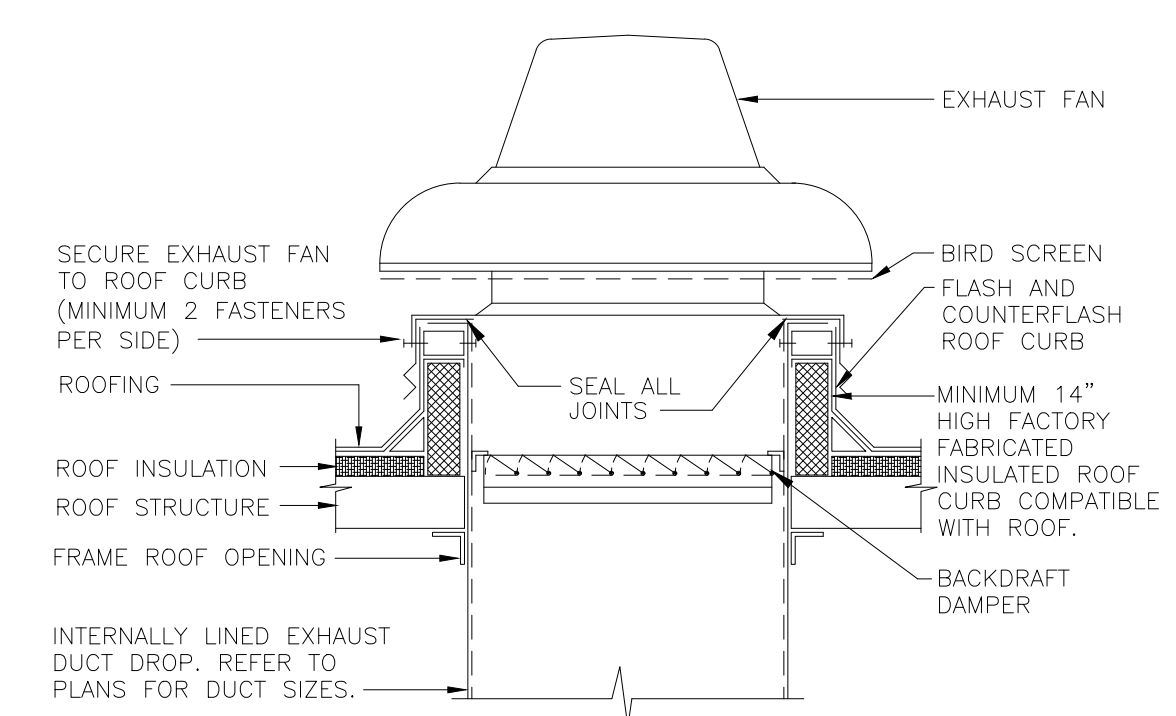


NOTE: INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96 REQUIREMENTS.

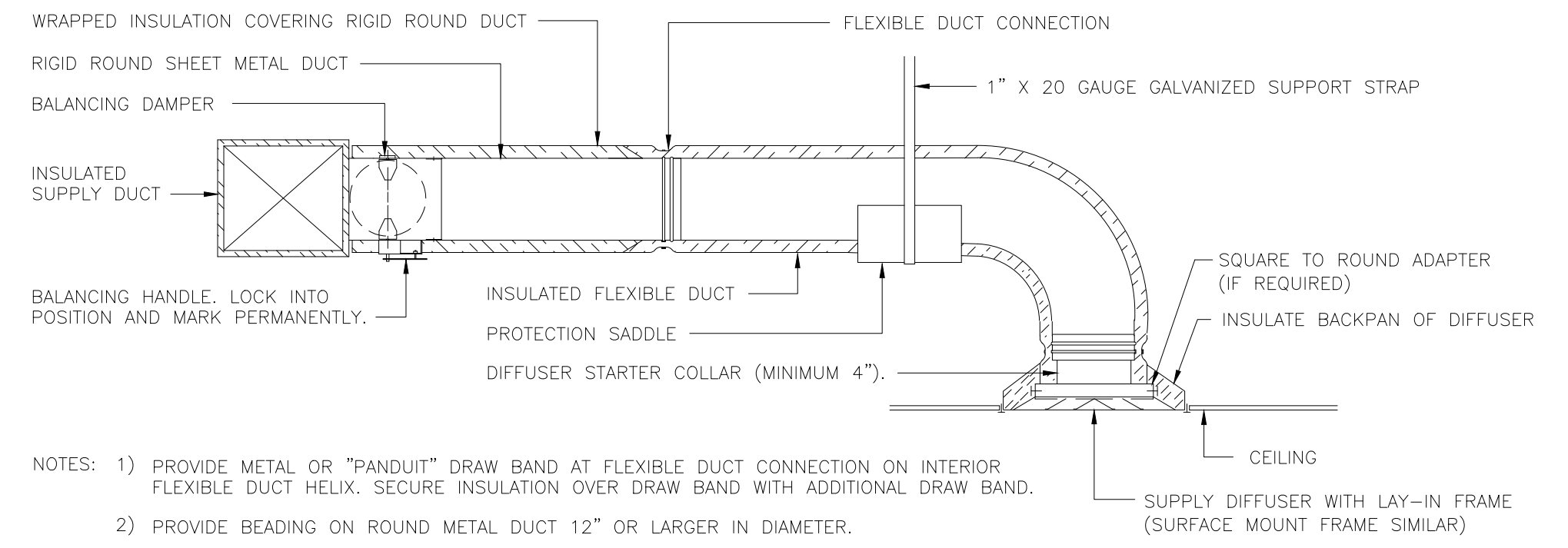
01 ROOF MOUNTED GREASE EXHAUST FAN DETAIL
NOT TO SCALE



03 ROOFTOP UNIT CURB DETAIL
NOT TO SCALE



02 EXHAUST FAN DETAIL
NOT TO SCALE



- NOTES:
- 1) PROVIDE METAL OR "PANDUIT" DRAW BAND AT FLEXIBLE DUCT CONNECTION ON INTERIOR FLEXIBLE DUCT HELIX. SECURE INSULATION OVER DRAW BAND WITH ADDITIONAL DRAW BAND.
 - 2) PROVIDE BEADING ON ROUND METAL DUCT 12" OR LARGER IN DIAMETER.
 - 3) PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
 - 4) BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

04 DIFFUSER CONNECTION DETAIL
NOT TO SCALE

| ISSUE TABLE | | |
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| No. | Date (mm/dd/yy) | Description |
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| REVISIONS | | |
|-----------|-----------|------------------|
| No. | Date | Description |
| 1 | 8/01/2023 | RESPONSE TO CITY |
| 2 | 9/04/2023 | HEALTH COMMENTS |
| 3 | 9/12/2023 | RESPONSE TO CITY |

| DRAWINGS REVISED AS PER DESIGN BULLETIN | | |
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| No. | Date | Description |
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9.13.2023

Company Logo

Project

POPEYES

Store Type
US 2112 PROTOTYPE 2112-21

Location
1517 NC 24-87 CAMERON, NC

Drawing Title
MECHANICAL DETAILS

| | |
|-------------------------------|----------------------------|
| Drawn NI | Checked AH |
| Scale 1/4" = 1'-0" | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. M4.1 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

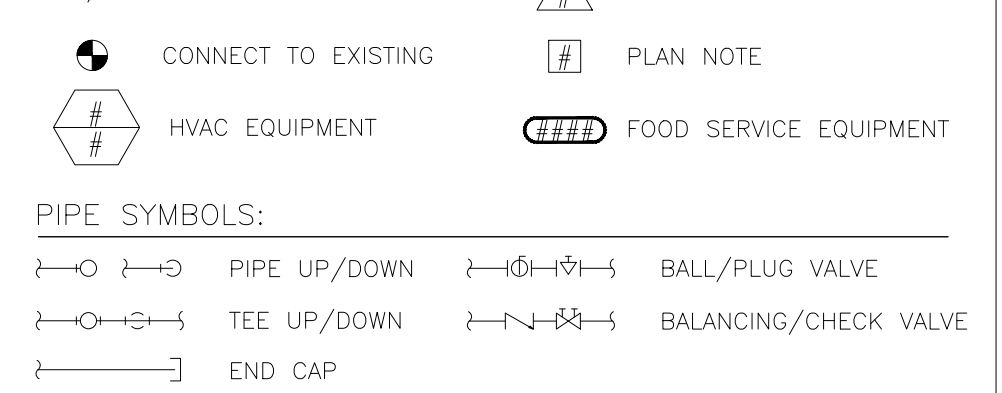
GENERAL NOTES

- A. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS...
B. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS...
C. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT AND EQUIPMENT REQUIRED...

PLUMBING SYMBOLS LEGEND

Table with columns for Abbreviations (AFF/AFG, FFCO/FGCO/WCO/CO, FSEC, TYP, VTR, (E)) and Linetypes (---, ---, ---, ---, ---, ---, ---, ---, ---, ---, ---, ---, ---, ---, ---, ---).

GENERAL REFERENCES/NOTATIONS:



SYMBOLS LEGEND NOTES: REFER TO SPECIFICATIONS AND PLAN NOTES FOR DETAILED DESCRIPTION OF ALL DEVICES SHOWN IN THIS SCHEDULE, PROVIDED BY THIS CONTRACTOR.

PLUMBING FIXTURE SCHEDULE

Table with columns: SYMBOL, FIXTURE TYPE, MANUF., MODEL, DESCRIPTION, ACCESSORIES/OPTIONS. Includes entries for WC, LAV, FPWH, ID, FD, ES, RD, DSN, IP, MV.

FOODSERVICE PLUMBING SCHEDULE

Table with columns: ID, DESCRIPTION, REMARKS. Lists various foodservice equipment like fryers, sinks, dishwashers, etc.

BACKFLOW PREVENTER SCHEDULE

Table with columns: LOCATION, TAG, MODEL, ASSE. Lists backflow preventer specifications for different locations.

TANK ELECTRIC WATER HEATER SCHEDULE

Table with columns: SYMBOL, MANUFACTURER, MODEL, KW (BTU), V/PH, GPH @ 70°F RISE, SET POINT (°F), NOTES (#). Includes entry for WH-1.

EXPANSION TANK SCHEDULE

Table with columns: SYMBOL, MANUFACTURER, MODEL, TOTAL VOLUME (GALLONS), ACCEPTANCE VOLUME (GALLONS), CONNECTION LOCATION, CONNECTION SIZE, MOUNTING, NOTES (#). Includes entry for EI.

PUMP SCHEDULE

Table with columns: SYMBOL, MANUFACTURER, MODEL, GPM, HEAD (FT), VOLTAGE, PHASE, WATTS, AMPS, NOTES (#). Includes entry for RCP.

HEAT TRACING

Table with columns: SYMBOL, MANUFACTURER, MODEL, TEMP, LENGTH (MAX), VOLTAGE, PHASE, WATTS/FOOT, AMP (MAX), NOTES (#). Includes entry for HC.

HOT WATER DEMAND CALCULATIONS

Table showing fixture data, total gph, temp rise, btu/lb-ft, lb/gal, elec efficiency, btu/kwh, and minimum kw.

ISSUE TABLE and REVISIONS section with columns for No., Date, Description. Lists revisions 1, 2, and 3.

DRAWINGS REVISED AS PER DESIGN BULLETIN section with columns for No., Date, Description. Lists revisions 1, 2, and 3.

PROJECT NORTH indicator and disclaimer text regarding the drawing's ownership and use.

Professional Engineer Seal for Alexander G. Williams, State of Louisiana, No. 41082.

Company Logo for THE DIMENSION GROUP ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERS.

Project Logo for LOUISIANA KITCHEN.

Store Type information: US 2112 PROTOTYPE 2112-21.

Location information: 1517 NC 24-87 CAMERON, NC.

Drawing Title: PLUMBING SCHEDULES & NOTES.

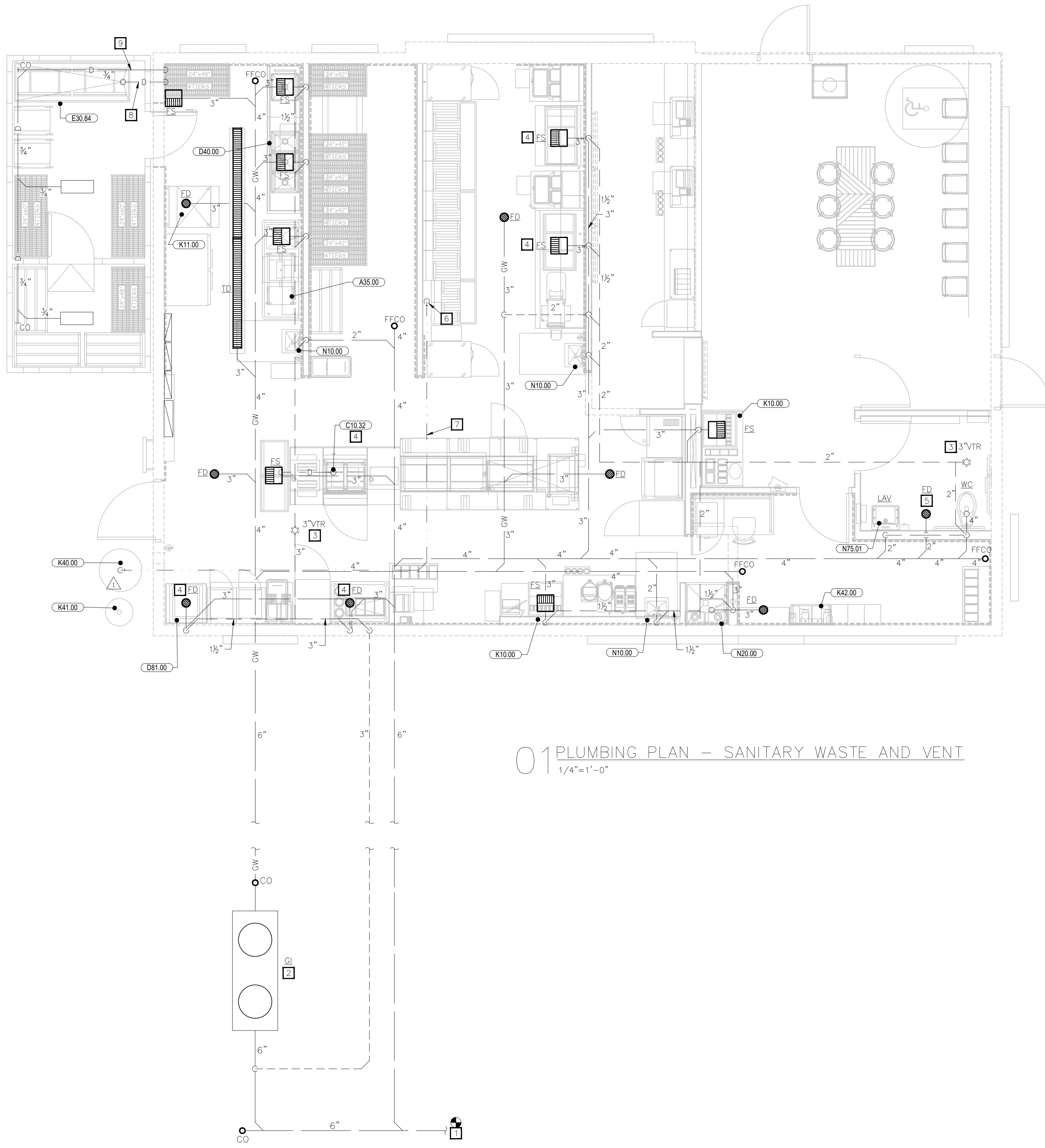
Drawn and Checked information: Drawn by NI, Checked by AH.

Scale, Project No., and Date information: Scale 1/4" = 1'-0", Project No. C22-129, Date JUNE 2023.

Large technical drawing of a Grease Interceptor showing Plan View and Elevation. Includes manufacturer information (PARK USA) and technical specifications.

Manufacturer information for PARK USA, including contact details and website: 888.811.PARK, www.parkusa.com.

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



01 PLUMBING PLAN - SANITARY WASTE AND VENT
1/4" = 1'-0"

PLUMBING KEY NOTES

- 1 CONNECT TO SANITARY WASTE LINE ON EXTERIOR OF BUILDING PROVIDED BY OTHERS. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
- 2 PROVIDE 1500 GALLON GREASE INTERCEPTOR AS SHOWN PER PLANS. REFER TO "GREASE INTERCEPTOR" DETAIL. LOCATE INTERCEPTOR OUTSIDE OF DRIVE LANES. COORDINATE WITH CIVIL DRAWINGS FOR FINAL LOCATION.
- 3 PROVIDE SANITARY VENT THROUGH ROOF AS SHOWN PER PLAN PER "VENT THRU ROOF (VTR)" DETAIL. LOCATE VENT MINIMUM OF 10'-0" AWAY FROM AIR INTAKES ON ROOF, UNLESS APPROVED BY ENGINEER PRIOR TO INSTALLATION.
- 4 PROVIDE DRAIN LINE FROM KITCHEN EQUIPMENT TO FLOOR SINK. REFER TO KITCHEN EQUIPMENT PLANS.
- 5 EMERGENCY DRAIN IN RESTROOM SHALL BE INSTALLED FLUSH TO GRADE WITH NO SLOPE. COORDINATE INSTALLATION HEIGHT WITH GENERAL CONTRACTOR TO ENSURE PROPER INSTALLATION.
- 6 USED COOKING OIL LINE MOUNTED FLUSH AGAINST WALL @ 3'-0" AFF. REFER TO "USED COOKING OIL RECOVERY" DETAIL. G.C. SHALL PROVIDE STAINLESS STEEL COVER TO CEILING.
- 7 PROVIDE HC HEAT TRACE TAPE ON USED COOKING OIL LINE FROM BUILDING TO TANK. INSTALL HEAT TRACE PER MANUFACTURER'S RECOMMENDATIONS. REFER TO PLUMBING FIXTURE SCHEDULE FOR MORE INFORMATION.
- 8 EXTEND CHICKEN VAT'S 2" COPPER INDIRECT WASTE LINE THROUGH COOLER WALL TO DISCHARGE INTO FLOOR SINK.
- 9 ROUTE FREEZER/COOLER CONDENSATE DRAIN TO FLOOR SINK PER "WALK-IN COOLER/FREEZER DRAIN" DETAIL.

DFU CALCULATIONS

| FIXTURE | QTY. | DFU | TOTAL |
|-------------------------------|------|-----------|-------|
| WATER CLOSET | 1 | 4 | 4 |
| LAVATORY | 1 | 1 | 1 |
| MOP BASIN | 1 | 3 | 3 |
| HAND SINK | 3 | 1 | 3 |
| 3" FLOOR SINK | 9 | 5 | 45 |
| 3" TRENCH DRAIN (EMERGENCY) | 1 | - | - |
| 2"/3" FLOOR DRAIN (EMERGENCY) | 7 | - | - |
| *DFU VALUES PER IPC* | | DFU TOTAL | 56.0 |

ISSUE TABLE

| No. | Date (mm/dd/yyyy) | Description |
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REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

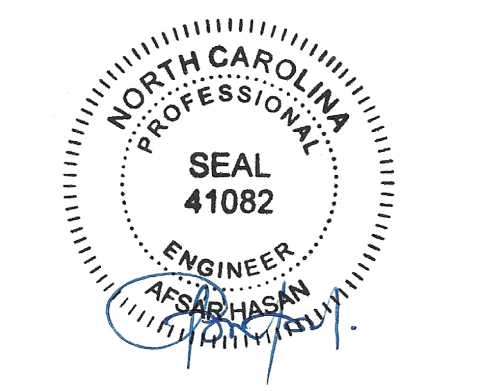
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9.13.2023

Company Logo

ARCHITECTURE • CIVIL ENGINEERING • MEP ENGINEERING
10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongrp.com

Project

POPEYES

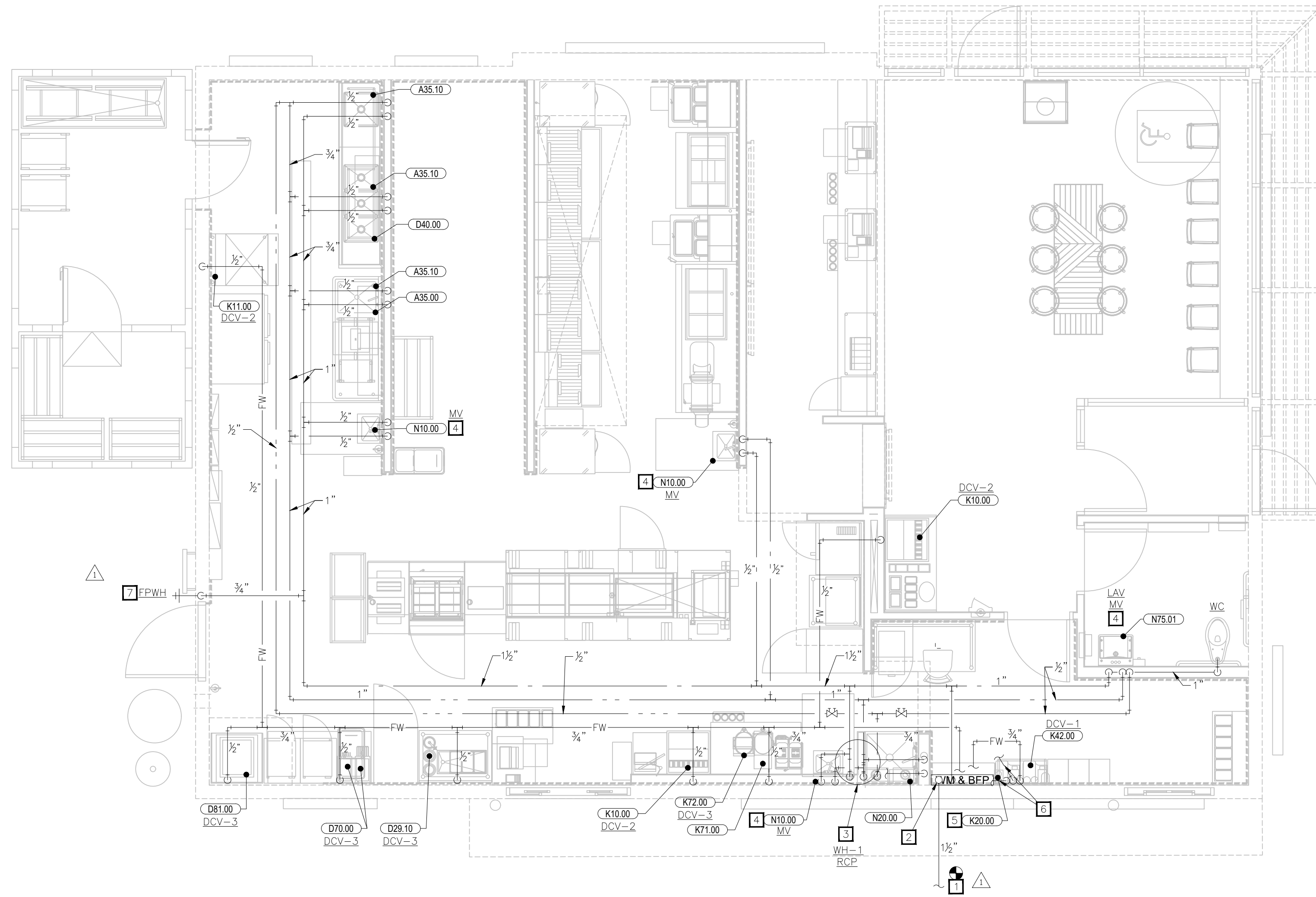
Store Type
US 2112 PROTOTYPE
2112-21

Location
1517 NC 24-87
CAMERON, NC

Drawing Title
PLUMBING PLAN -
SANITARY WASTE AND
VENT

| | |
|------------------------|---------------------|
| Drawn NI | Checked AH |
| Scale 1/4" = 1'-0" | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. P2.1 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



01 PLUMBING PLAN - DOMESTIC WATER
1/4"=1'-0"

PLUMBING KEY NOTES

- 1 CONNECT TO DOMESTIC WATER SERVICE 5'-0" OUTSIDE BUILDING PROVIDED BY OTHERS. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
- 2 PROVIDE WATER SERVICE ENTRANCE AS SHOWN PER PLANS. REFER TO "DOMESTIC WATER SERVICE ENTRY" DETAIL.
- 3 ROUTE 1" HW, 1" CW AND 3/4" HWR LINES TO WATER HEATER, EXPANSION TANK, AND RECIRCULATING PUMP AS SHOWN PER PLANS AND PER "TANK ELECTRIC WATER HEATER", "RECIRCULATION PUMP", AND "SMALL EXPANSION TANK" DETAILS, DISCHARGE T&P RELIEF VALVE AND OVERFLOW TO FLOOR DRAIN PER "INDIRECT DRAIN" DETAIL. PROVIDE VALVE AND UNION ON INLET AND OUTLET. PROVIDE BALANCING VALVES AS REQUIRED FOR RECIRCULATING SYSTEM.
- 4 PROVIDE INDIVIDUAL MIXING VALVE FOR ALL HAND SINKS AND LAVATORIES IN AN ACCESSIBLE LOCATION.
- 5 WATER FILTER MOUNTED ON WALL. STUB-OUT WATER SUPPLY @ 8'-4" A.F.F. REFER TO "WATER FILTER" DETAIL.
- 6 BEVERAGE CONDUIT ABOVE CEILING TO DRINK STATION. REFER TO "BEVERAGE CONDUIT - ABOVE SLAB" DETAIL.
- 7 MOUNT FREEZE-PROOF WALL HYDRANT 18" ABOVE FINISHED GRADE. VERIFY EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS.

WSFU CALCULATIONS

| FIXTURE | QTY. | WSFU | TOTAL |
|-----------------------|------|------------|-------|
| WATER CLOSET (FLUSH) | 1 | 10 | 10 |
| LAVATORY | 1 | 2 | 2 |
| MOP BASIN | 1 | 3 | 3 |
| HAND SINK | 3 | 2 | 6 |
| 1-COMP SINK | 1 | 3 | 3 |
| 3-COMP SINK | 1 | 3 | 3 |
| WAREWASH | 1 | 3 | 3 |
| BEVERAGE STATION | 2 | 2 | 4 |
| ICE MAKER | 3 | 1 | 3 |
| HOT WATER DISPENSER | 2 | 1 | 2.0 |
| TEA BREWER | 1 | 1 | 1.0 |
| *WSFU VALUES PER IPC* | | WSFU TOTAL | 40.00 |

WATER CALCULATION

| | |
|---|----------|
| CRITICAL ELEVATIONS AND DISTANCES: | FEET |
| ELEVATION OF CONTROLLING FIXTURE (WH-1,2,3) | 6.0 |
| ELEVATION OF FINISHED FLOOR | 0.0 |
| ELEVATION OF WATER MAIN CONNECTION | -4.0 |
| VERTICAL DIST. FROM WATER MAIN CONNECTION TO CONTROLLING FIXTURE | 10.0 |
| SYSTEM PRESSURE REQUIREMENTS: | PSI |
| ELEVATION (VERTICAL DISTANCE) X 0.434 PSI/FT | 4.3 |
| PRESSURE NEEDED AT CONTROLLING FIXTURE | 35 |
| BACKFLOW PREVENTER: 1-1/2" (INTERIOR**) | 10.0 |
| WATER METER: 1-1/2" (INTERIOR**) | 8.0 |
| TOTAL | 39.3 |
| PIPE RUNS: | FEET |
| EXTERIOR, MAIN TO BUILDING ENTRY (VERIFY**) | 200 |
| INTERIOR, ENTRY TO CONTROLLING FIXTURE | 42 |
| INTERIOR, VERTICAL RISE | 10.0 |
| ALLOWANCE FOR FITTINGS, ETC. (LENGTH X 0.25) | 13.0 |
| TOTAL | 265.0 |
| SYSTEM PRESSURE DATA: | PSI |
| MINIMUM SYSTEM PRESSURE REQUIRED AT MAIN (VERIFY**) | 65.0 |
| SYSTEM PRESSURE REQUIRED FOR SYSTEM | 39.3 |
| PRESSURE AVAILABLE FOR (PIPING) FRICTION LOSS | 25.7 |
| PIPE SIZING: | PSI/100' |
| PRESSURE AVAILABLE X 100 / (TOTAL PIPE RUN) | 9.7 |
| * NOTE: ALL PIPING IS SIZED FOR 5 PSI/100' PRESSURE LOSS | |
| ** NOTE: FIELD VERIFY SYSTEM PRESSURE, LINE SIZES, BACKFLOW LOCATION, AND METER LOCATION PRIOR TO STARTING WORK. NOTIFY ENGINEER IMMEDIATELY IF SYSTEM PRESSURE IS LOWER THAN REQUIRED PRESSURE OR ANY CONDITIONS EXIST THAT CONFLICT WITH INFORMATION SHOWN ABOVE. | |

ISSUE TABLE

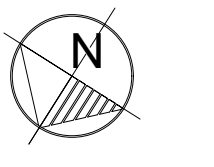
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REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

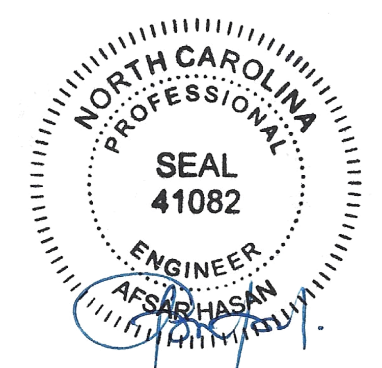
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PROJECT NORTH

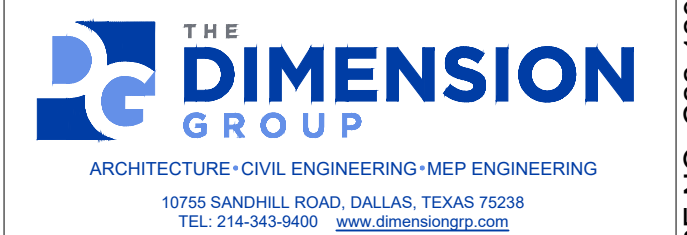
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9.13.2023

Company Logo



Project



POPEYES

Store Type

US 2112 PROTOTYPE
2112-21

Location

1517 NC 24-87
CAMERON, NC

Drawing Title

PLUMBING PLAN -
DOMESTIC WATER

Drawn

Checked

NI

AH

Scale

Date

1/4" = 1'-0"

JUNE 2023

Project No.

Drawing No.

C22-129

P2.2

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

PLUMBING KEY NOTES

- 1 PROVIDE ROOF DRAIN AS SHOWN PER PLANS PER "ROOF DRAIN" DETAIL. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION.
- 2 EXTEND STORM LINE OUT 5' 0" FOR CONNECTION BY OTHERS. REFER TO CIVIL DRAWINGS FOR CONNECTION LOCATION.

ISSUE TABLE

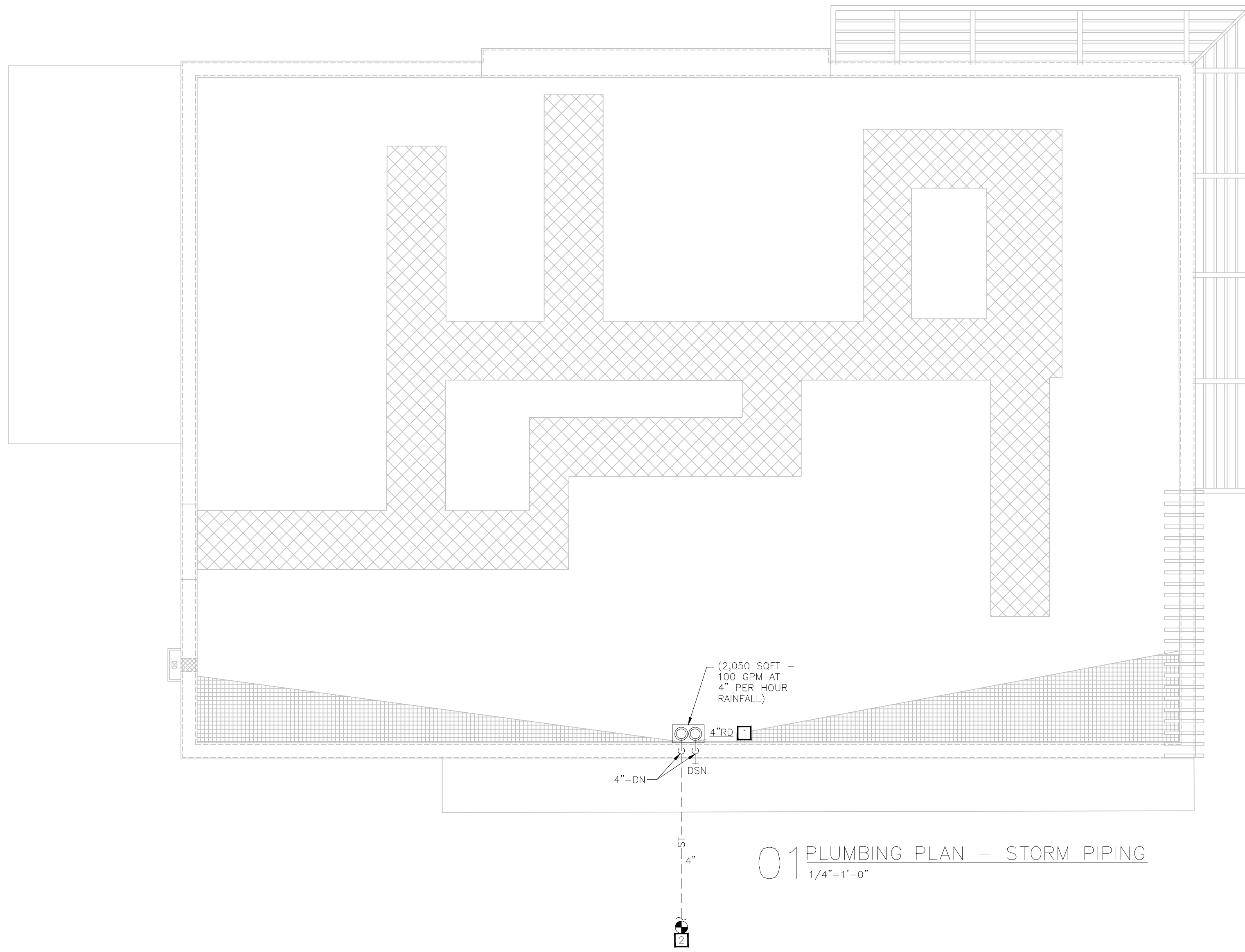
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REVISIONS

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DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
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01 PLUMBING PLAN - STORM PIPING
1/4"=1'-0"



PROJECT NORTH

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Company Logo

THE DIMENSION GROUP
ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING
10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongrp.com

Project

LOUISIANA KITCHEN
POPEYES

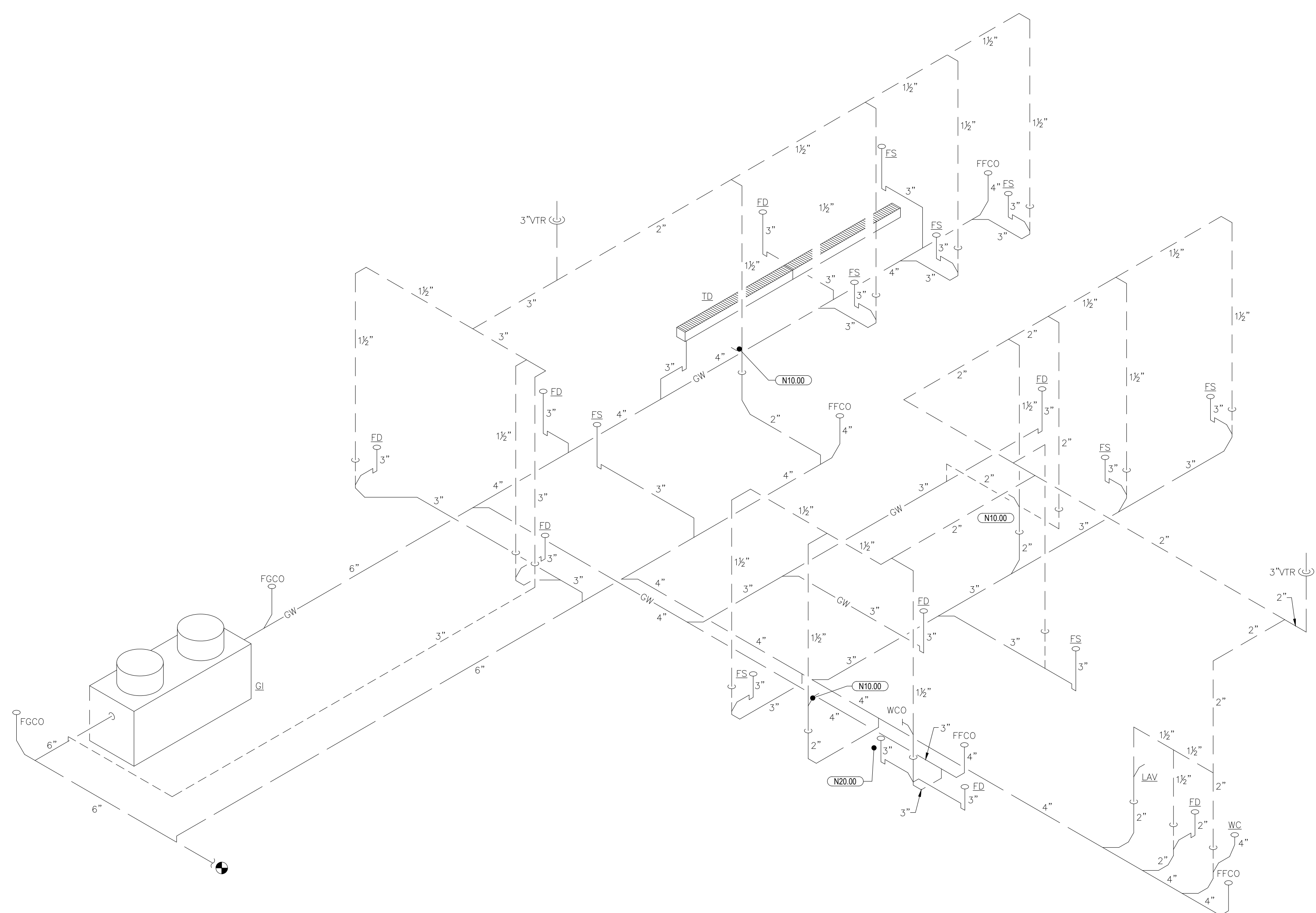
Store Type
US 2112 PROTOTYPE
2112-21

Location
**1517 NC 24-87
CAMERON, NC**

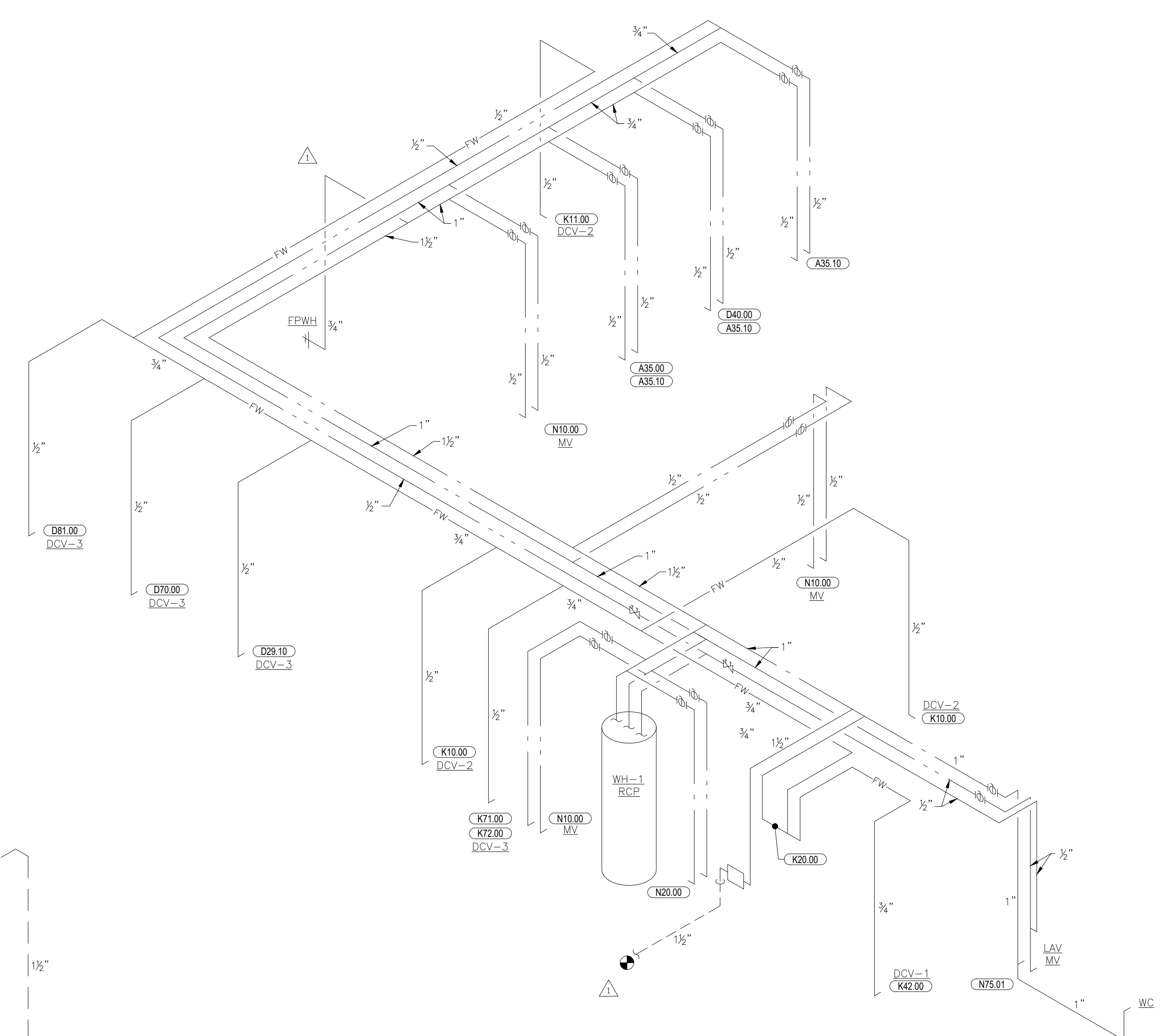
Drawing Title
PLUMBING PLAN - STORM PIPING

| | |
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| Drawn NI | Checked AH |
| Scale 1/4" = 1'-0" | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. P2.3 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



01 SANITARY WASTE AND VENT RISER
1/4"=1'-0"



02 DOMESTIC WATER RISER
1/4"=1'-0"

| ISSUE TABLE | | |
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| REVISIONS | | |
|-----------|-----------|------------------|
| No. | Date | Description |
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| 2 | 9/04/2023 | HEALTH COMMENTS |
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9.13.2023

Company Logo

Project

POPEYES

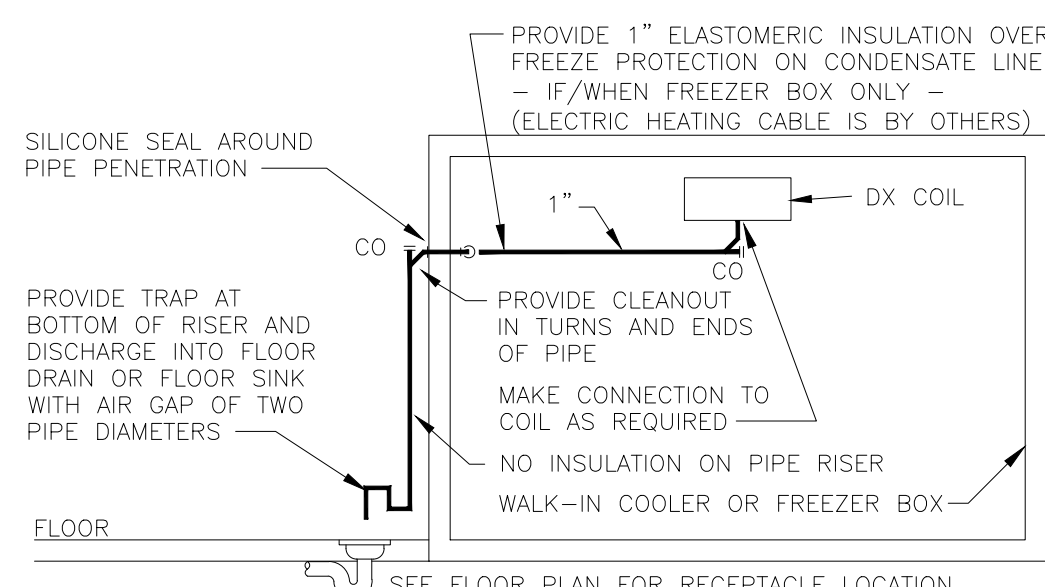
Store Type
US 2112 PROTOTYPE
2112-21

Location
**1517 NC 24-87
CAMERON, NC**

Drawing Title
PLUMBING RISERS

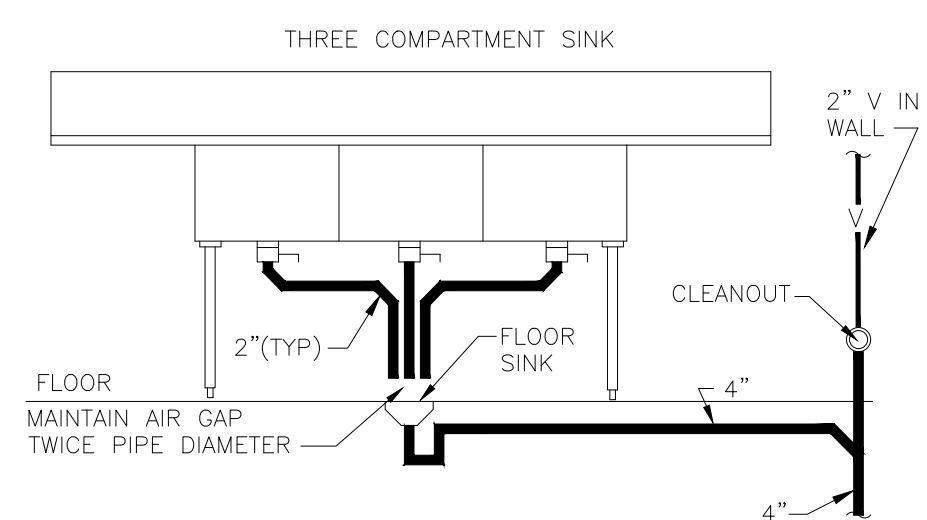
| | |
|------------------------|---------------------|
| Drawn NI | Checked AH |
| Scale | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. P3.1 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



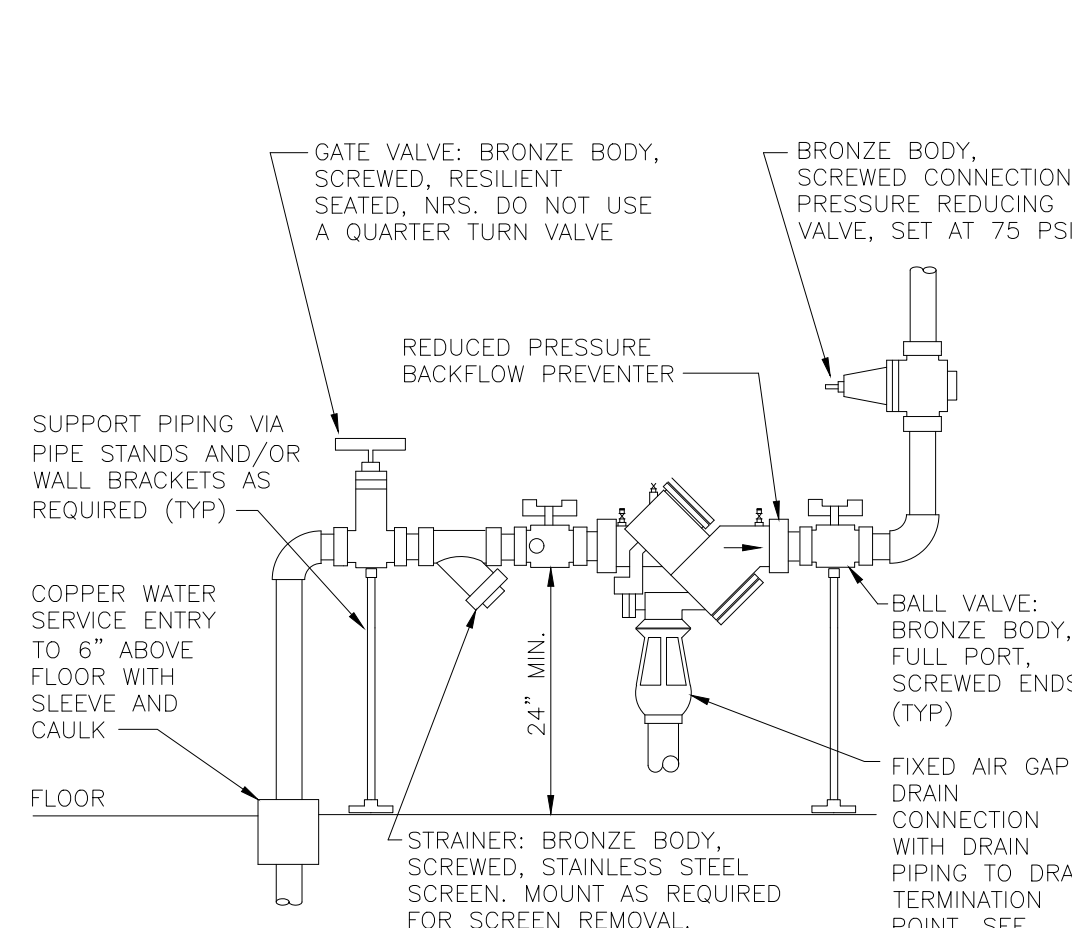
INSTALL PIPE HIGH AS POSSIBLE, ANCHORED TO WALL OF BOX WITH SUPPORTS AT MAXIMUM SIX FOOT CENTERS. USE TYPE "M" HARD COPPER TUBE AND FITTINGS WITH LEAD-FREE SOLDER JOINTS. SLOPE HORIZONTAL PIPE AT MINIMUM TWO PERCENT. REFER TO LOCAL CODE FOR INDIRECT DRAIN REQUIREMENTS.

11 WALK-IN COOLER/FREEZER DRAIN
NOT TO SCALE



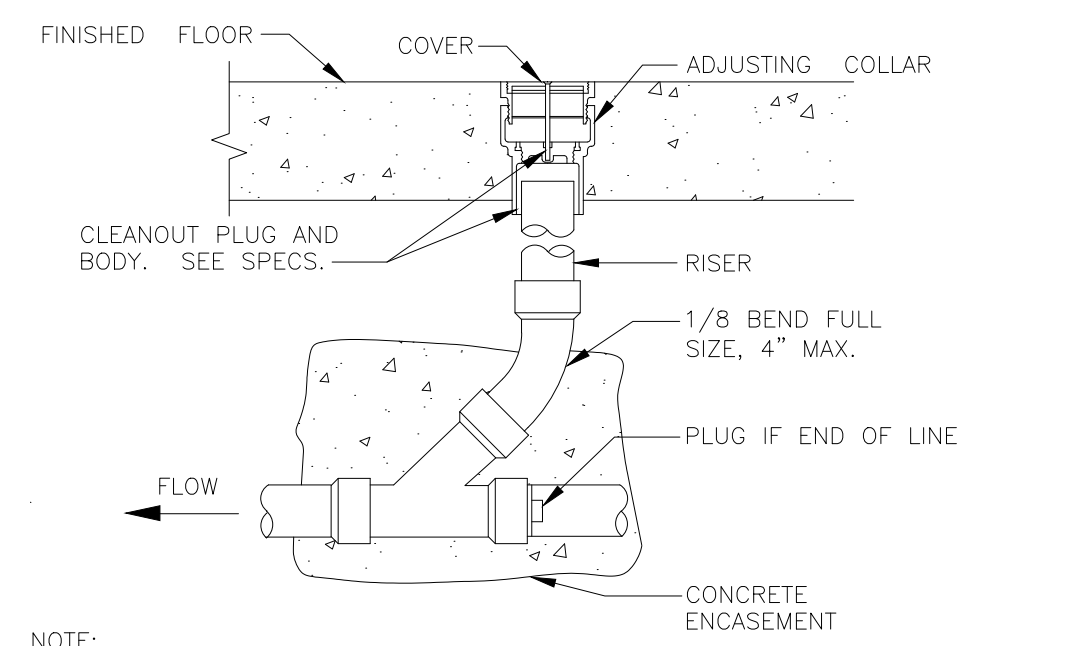
ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS OR MEET LOCAL CODE REQUIREMENTS. UTILIZE HUBLESS CAST IRON PIPE, FITTINGS AND CONNECTORS FOR SINK CONNECTIONS.

15 3-COMP SINK
NOT TO SCALE



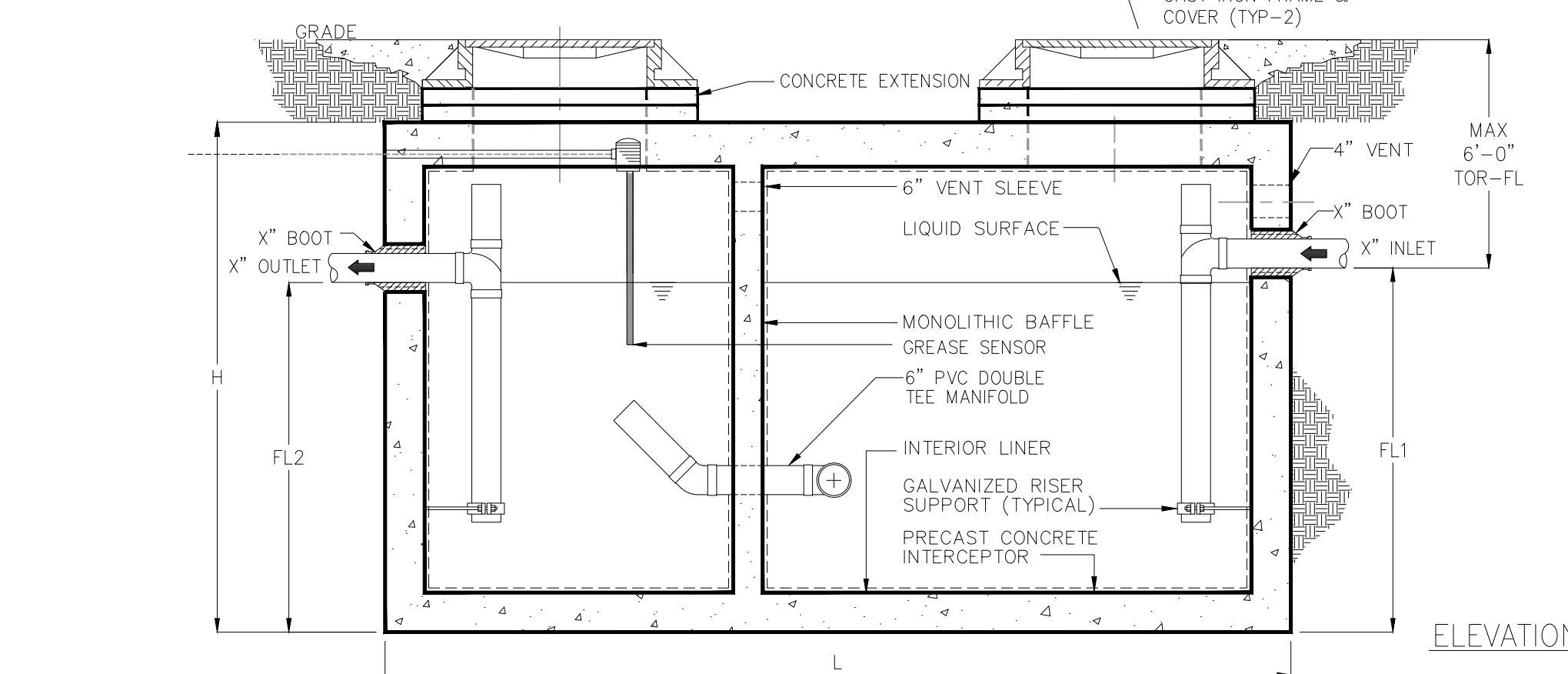
DETAIL SHOWS GENERAL SCHEMATIC REQUIREMENTS. PROVIDE BACKFLOW PREVENTER OF TYPE AND MANUFACTURER APPROVED BY LOCAL AUTHORITIES. PROVIDE PRESSURE REDUCING VALVE ONLY IF PRESSURE EXCEEDS 80 PSI - VERIFY. STRAINER AND REDUCING VALVE MAY BE INSTALLED IN VERTICAL PIPE IF SPACE LIMITATIONS REQUIRE IT. CLEAN STRAINER BEFORE TURNING BUILDING OVER TO OWNER. PROVIDE ANY REQUIRED CERTIFICATION OF TEST OF BACKFLOW PREVENTER TO LOCAL AUTHORITIES.

13 DOMESTIC WATER SERVICE ENTRY
NOT TO SCALE

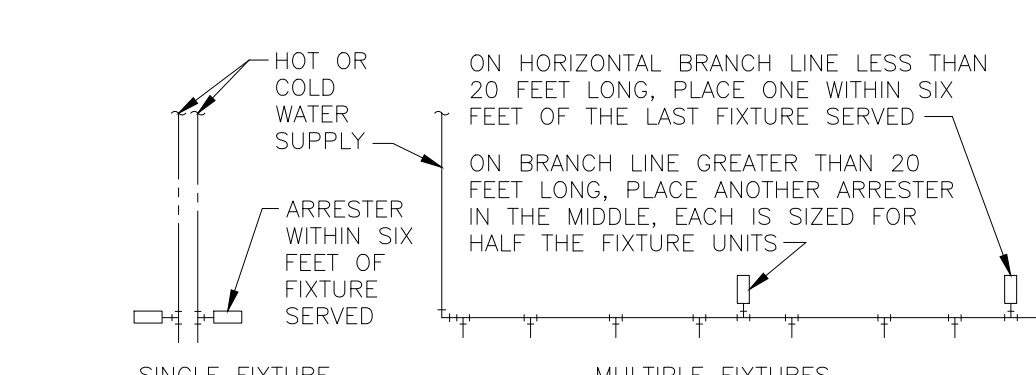


NOTE: CLEANOUT COVER FLUSH WITH TILE OR FLUSH WITH CONCRETE FLOOR IN AREA WITH NO TILE.

14 FLOOR CLEAN-OUT
NOT TO SCALE



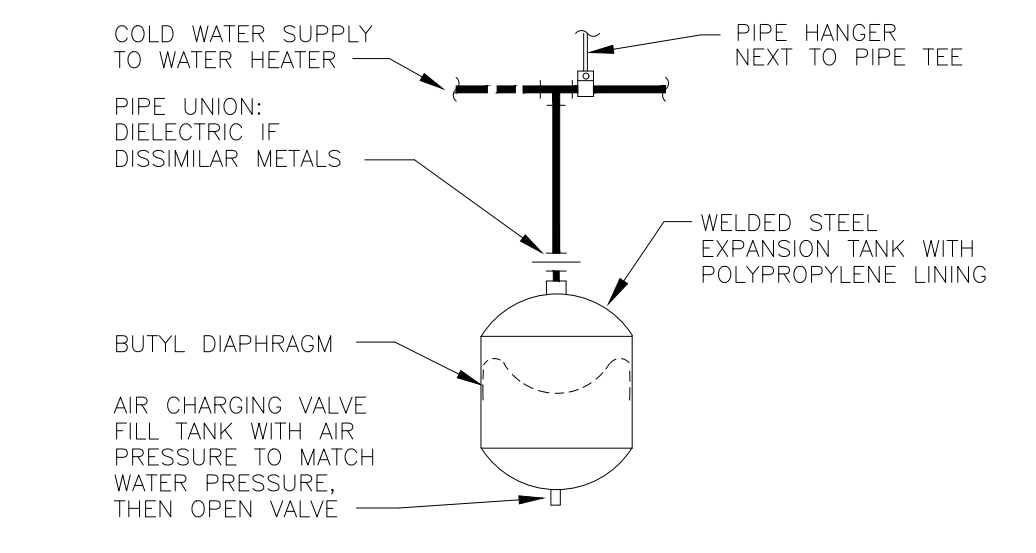
12 GREASE INTERCEPTOR
NOT TO SCALE



| PDI SIZE | FIXTURE UNIT LOAD | FIXTURE UNIT TABULATION | COLD | HOT |
|----------|-------------------|-------------------------|------|-----|
| AA | 1-3 | VALVE WATER CLOSET | 10 | - |
| A | 4-11 | TANK WATER CLOSET | 5 | - |
| B | 12-32 | URINAL | 5 | - |
| C | 33-60 | LAVATORY | 1.5 | 1.5 |
| D | 61-113 | SINK | 2 | 2 |
| E | 114-154 | MOP BASIN | 3 | 3 |
| F | 155-330 | SHOWER/BATHTUB | 2 | 3 |
| | | DRINKING FOUNTAIN | 0.5 | - |

PC TO PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI #WH-201, ASSE #1010 OR ANSI #A112.26.1M CERTIFICATION. SIZE AND INSTALL PER PDI #WH-201 STANDARD OR MANUFACTURER'S INSTRUCTION. THE TABLES ABOVE ARE BASED ON THE SIOUX CHIEF PRODUCT LINE. IF PRESSURE IS IN EXCESS OF 65 PSIG THEN UPSIZE THE ARRESTER BY ONE (EXAMPLE: AN "A" ARRESTER WOULD BECOME A "B" ARRESTER.)

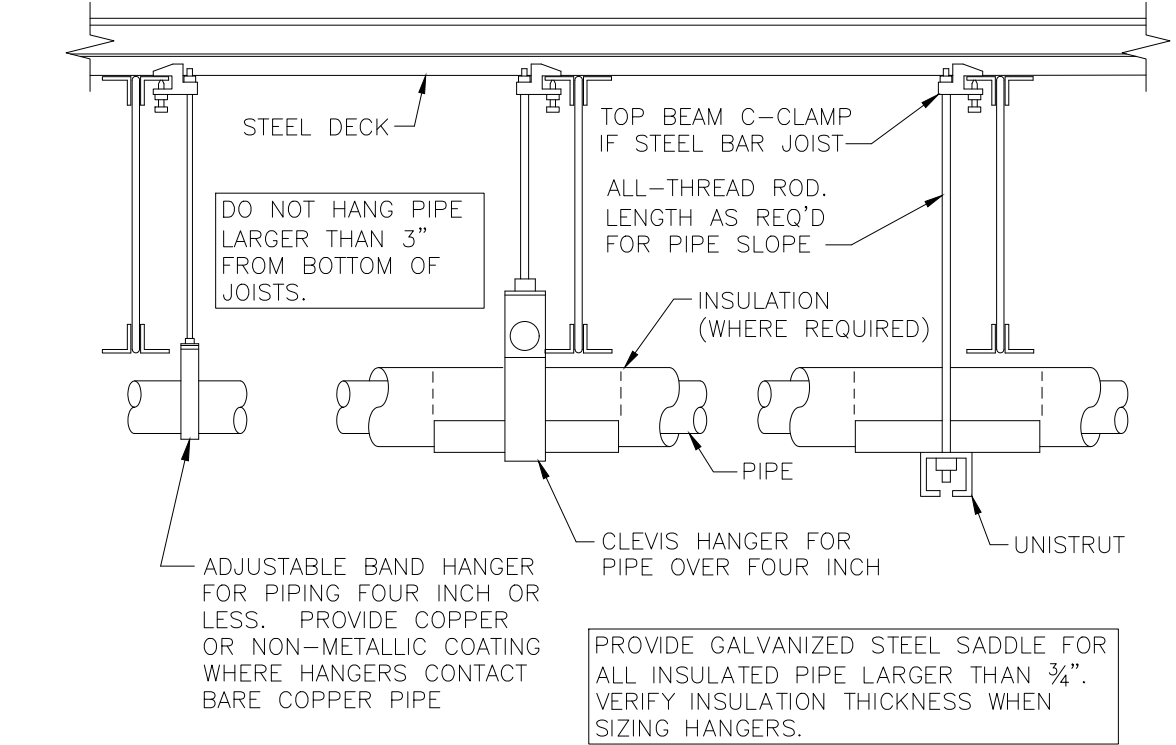
09 WATER HAMMER ARRESTERS
NOT TO SCALE



PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. MAKE PIPE SAME SIZE AS TANK FITTING. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION PROCEDURE. VERIFY PROPER OPERATION WHEN INSTALLED.

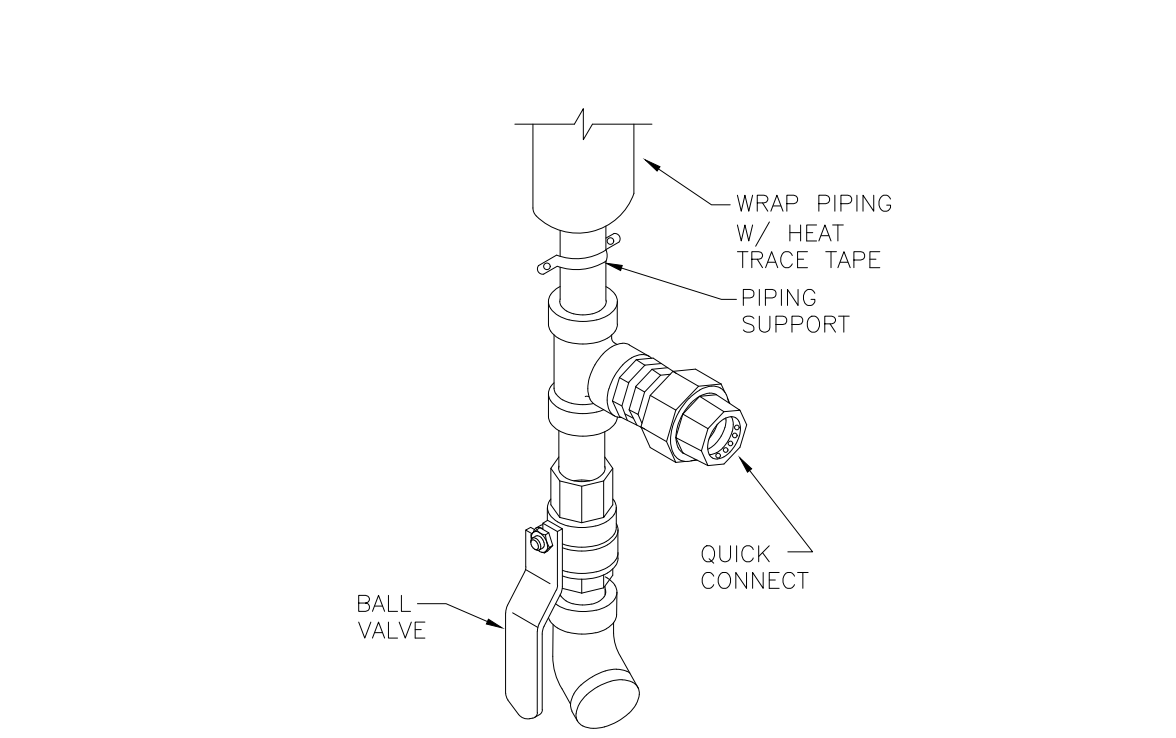
EXPANSION TANK INSTALLATION SHALL OCCUR ONLY WHEN THERE IS A BACKFLOW PREVENTION DEVICE INSTALLED WITHIN THE TENANT SPACE WATER SYSTEM OR BUILDING WATER SYSTEM.

10 SMALL EXPANSION TANK
NOT TO SCALE

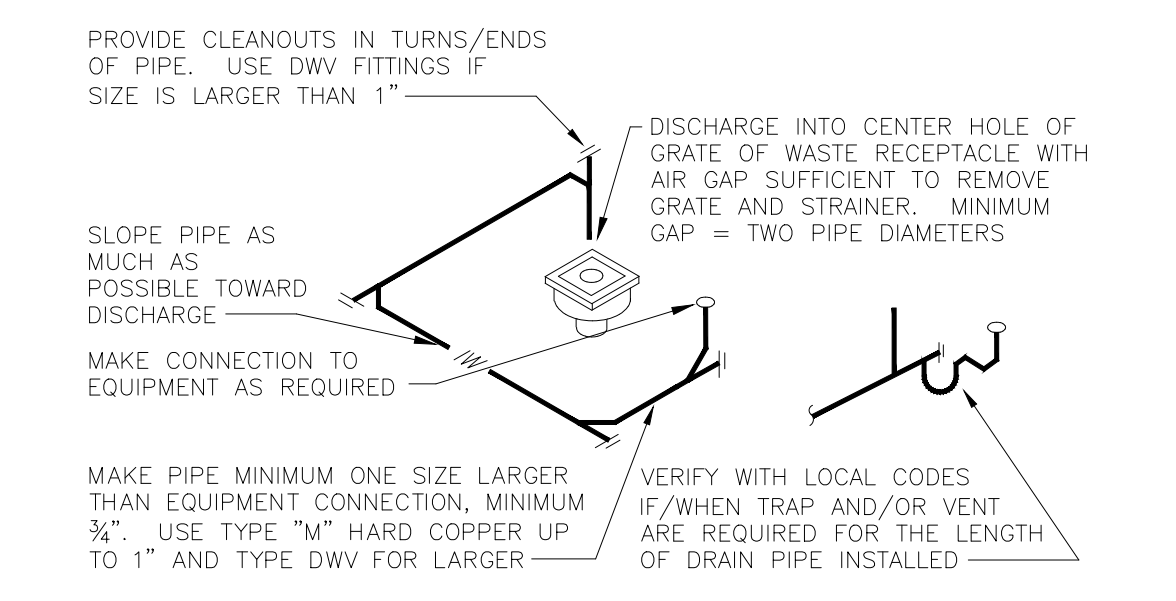


PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER. DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES. TRAPEZE HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES. HANGER SPACING FOR PIPE SIZE: COPPER: 4"-12"-0", 3"-11"-0", 2 1/2"-10"-0", 2"-9"-0", 1 1/2"-8"-0", 1 1/4"-7"-0", 1"-6"-0", 3/4"-5"-0", 1/2"-4"-0". CAST IRON: 10"-0" AND ONE NEAR ALL JOINTS. STEEL: 4"-14"-0", 3"-12"-0", 2 1/2"-11"-0", 2"-10"-0", 1 1/2"-9"-0", 1"-7"-0", 3/4"-6"-0", 1/2"-5"-0". LOCATE HANGERS AS CLOSE AS POSSIBLE TO TURNS AND TEES OF PIPE. PROVIDE SUPPLEMENTARY STEEL STRUTS BETWEEN JOISTS IF REQUIRED. LOCATE HANGERS TO TAKE LOAD OFF OF EQUIPMENT CONNECTIONS. ANCHOR WATER PIPE AGAINST SWAYING DUE TO CHANGES IN WATER VELOCITY. PROVIDE SEISMIC BRACING IF/AS REQUIRED BY LOCAL AUTHORITIES. CHAINS OR PERFORATED STRAP IRON OR STEEL IS NOT ACCEPTABLE. REFER TO CODES FOR FURTHER INFORMATION.

05 PIPE HANGERS
NOT TO SCALE

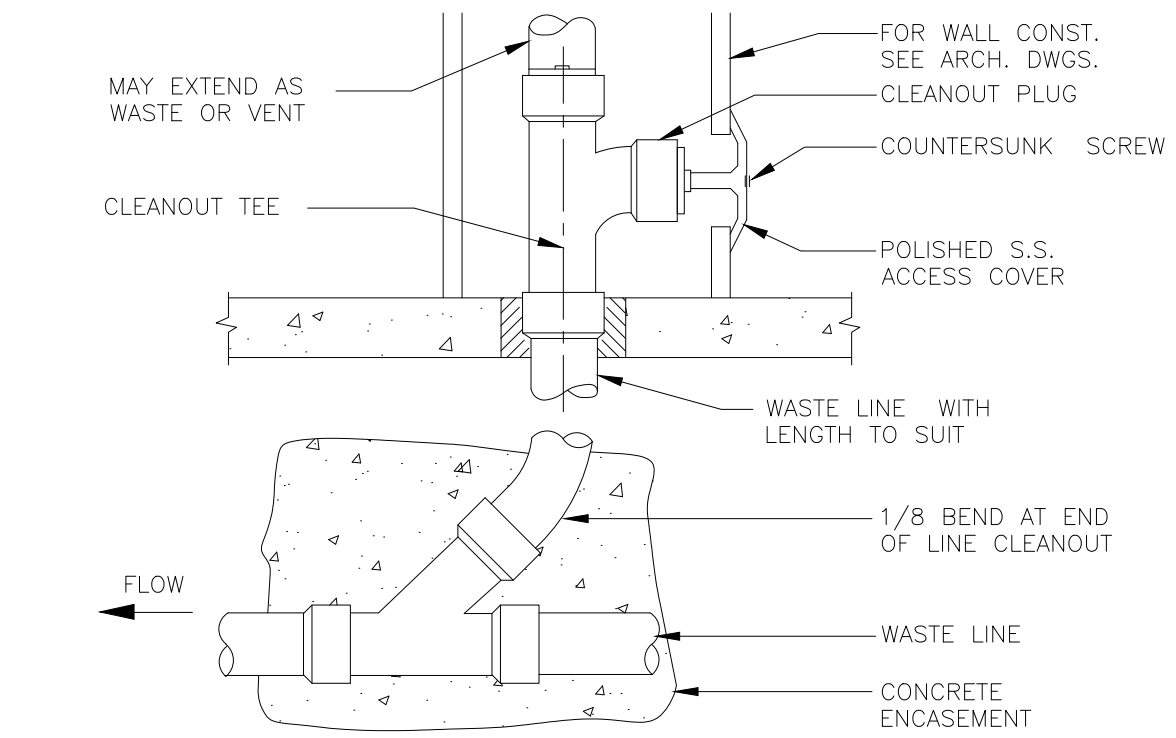


06 USED COOKING OIL RECOVERY
NOT TO SCALE

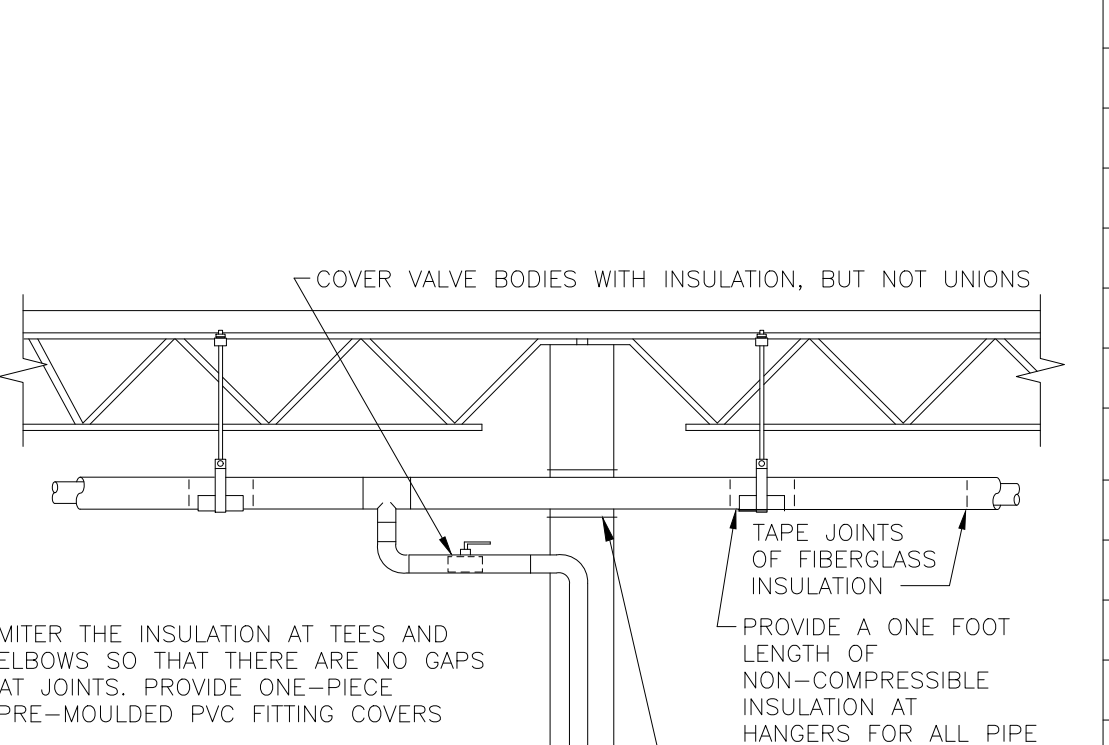


ROUTE PIPE INCONSPICUOUSLY AND UNOBTUSIVELY. HANG PIPE AS REQUIRED. DO NOT INSULATE INDIRECT DRAIN WHEN INSTALLED EXPOSED IN FOOD SERVICE FACILITY. REFER TO LOCAL CODES FOR FURTHER INFORMATION.

07 INDIRECT DRAIN
NOT TO SCALE



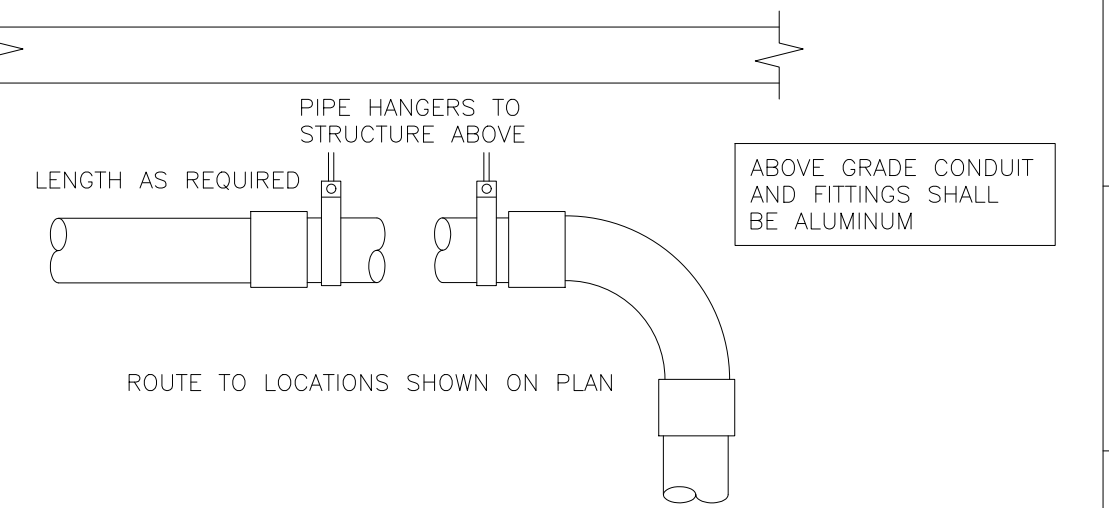
08 WALL CLEAN-OUT
NOT TO SCALE



PROVIDE INSULATION ON DOMESTIC HOT/COLD WATER PIPES, STORM WATER PIPES, AND CONDENSATE DRAIN PIPING IN WALLS AND CHASES. REFER TO OTHER DETAILS FOR TREATMENT OF INSULATION AT PENETRATION OF WALLS AND FIREWALLS.

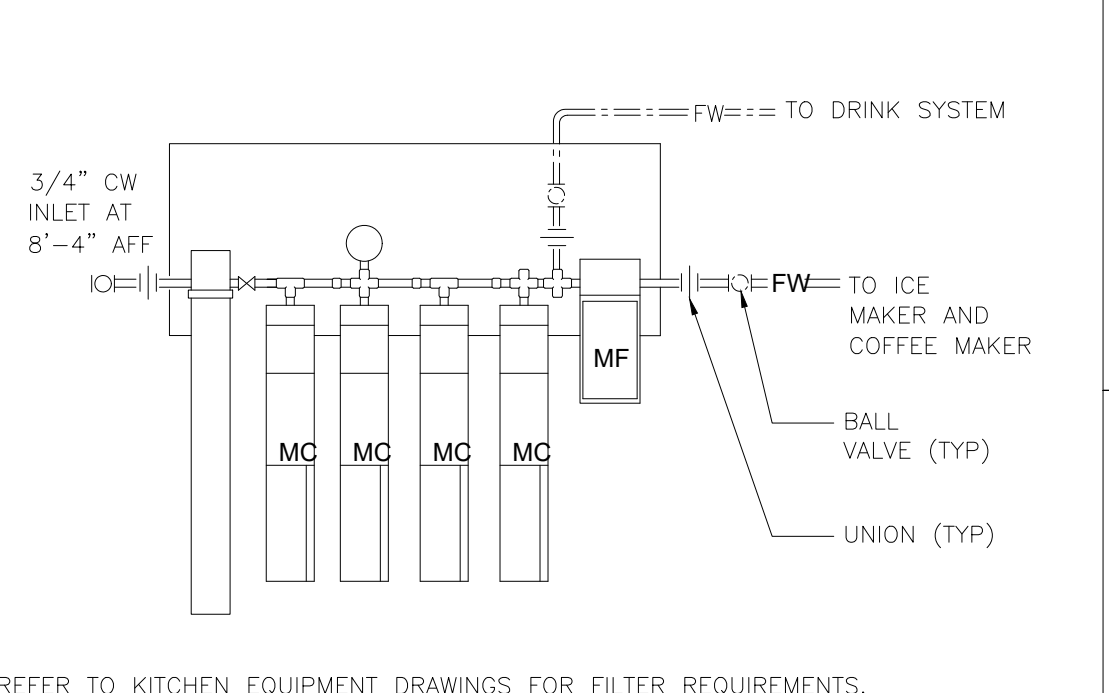
PROVIDE FIBERGLASS INSULATION WITH ALL-SERVICE JACKET WITH VAPOR BARRIER ON ALL COLD/HOT WATER PIPING AND CONDENSATE DRAIN PIPE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING INSULATION. INSTALL ALL ITEMS PER SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS. MAINTAIN VAPOR BARRIER ON COLD PIPING BY MEANS OF SEALANT AND TAPE. FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES SHALL NOT EXCEED 25/50. SEAL EXPOSED ENDS OF FIBERGLASS INSULATION WITH ADHESIVE MASTIC.

01 PIPE INSULATION
NOT TO SCALE

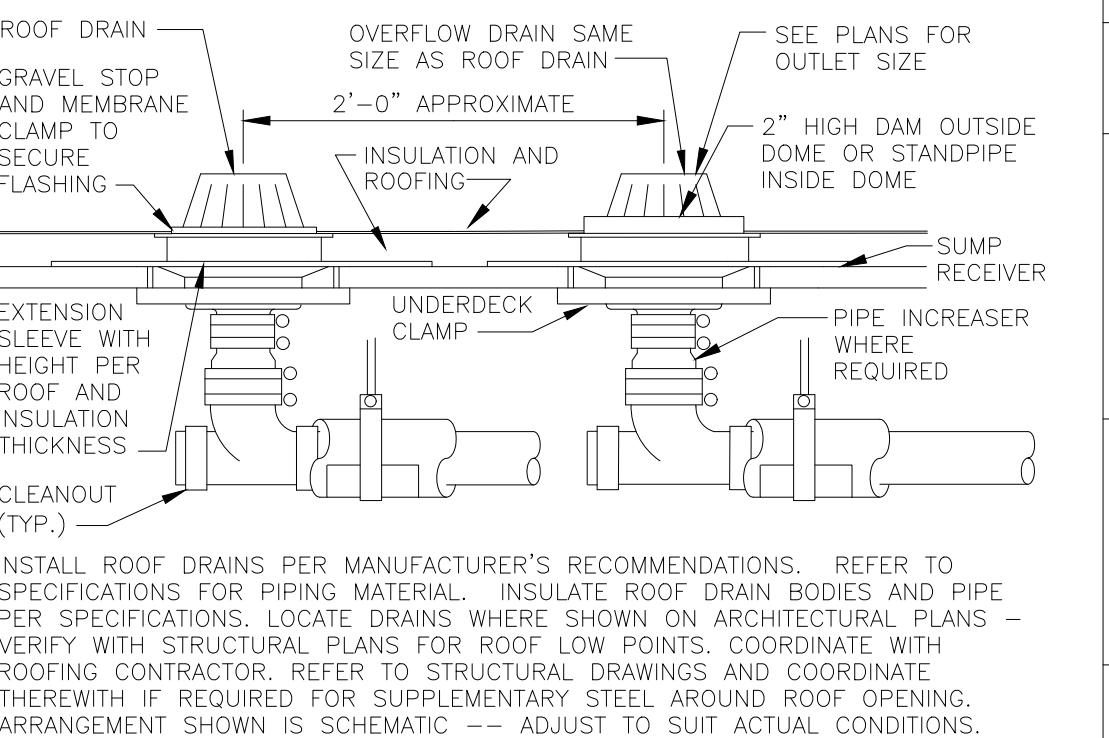


PROVIDE ALUMINUM BEVERAGE CONDUIT AND FITTINGS EQUAL TO BEVSTREAM SYSTEM (WWW.BEVSTREAM.COM). USE MINIMUM QUANTITY OF FITTINGS WITH LONG SWEEP ELBOWS AT BOTH ENDS WITH A MINIMUM RADIUS OF 30" ON 6" OR SMALLER AND 48" ON 8" OR LARGER. AVOID ELBOWS IN HORIZONTAL RUN IF AT ALL POSSIBLE. GENERAL CONTRACTOR SHALL SEAL ENDS OF CONDUIT WITH FOAM AFTER BEVERAGE LINES ARE INSTALLED IN CONDUIT. COORDINATE WITH FOOD SERVICE DRAWING FOR EXACT SIZE AND LOCATION OF CONDUIT. CUT CONCRETE FLOOR SLAB, BACKFILL, REPAIR VAPOR BARRIER AND PATCH SLAB PER ARCHITECT'S REQUIREMENTS.

02 BEVERAGE CONDUIT - ABOVE SLAB
NOT TO SCALE



03 WATER FILTER
NOT TO SCALE



04 ROOF DRAIN AND OVERFLOW
NOT TO SCALE

| ISSUE TABLE | | |
|-------------|-------------------|-------------|
| No. | Date (mm/dd/yyyy) | Description |
| | | |
| | | |
| | | |
| | | |

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
|-----|------|-------------|
| | | |
| | | |
| | | |

PROJECT NORTH

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

NORTH CAROLINA PROFESSIONAL SEAL 41082

ARCHITECT/ENGINEER

9.13.2023

Company Logo

THE DIMENSION GROUP
ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING
10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongroup.com

Project

LOUISIANA KITCHEN

POPEYES

Store Type

US 2112 PROTOTYPE
2112-21

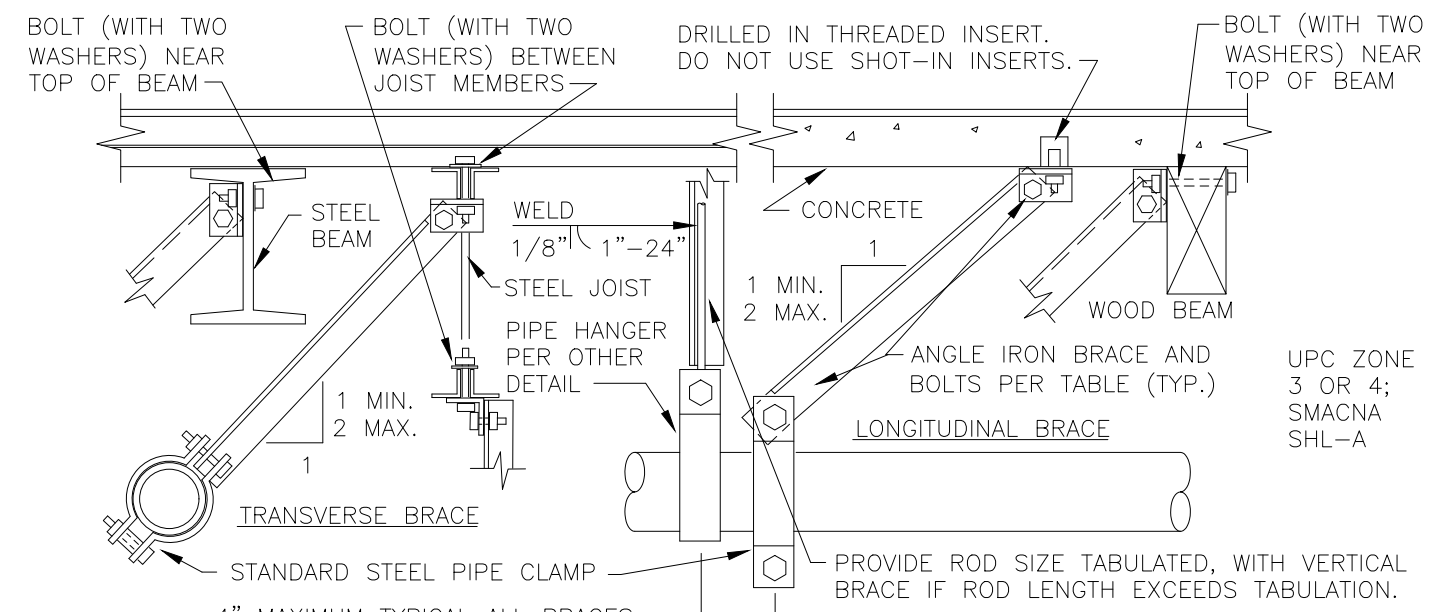
Location

**1517 NC 24-87
CAMERON, NC**

Drawing Title

PLUMBING DETAILS

| | | | |
|-------------|---------|-------------|-----------|
| Drawn | NI | Checked | AH |
| Scale | | Date | JUNE 2023 |
| Project No. | C22-129 | Drawing No. | P4.1 |

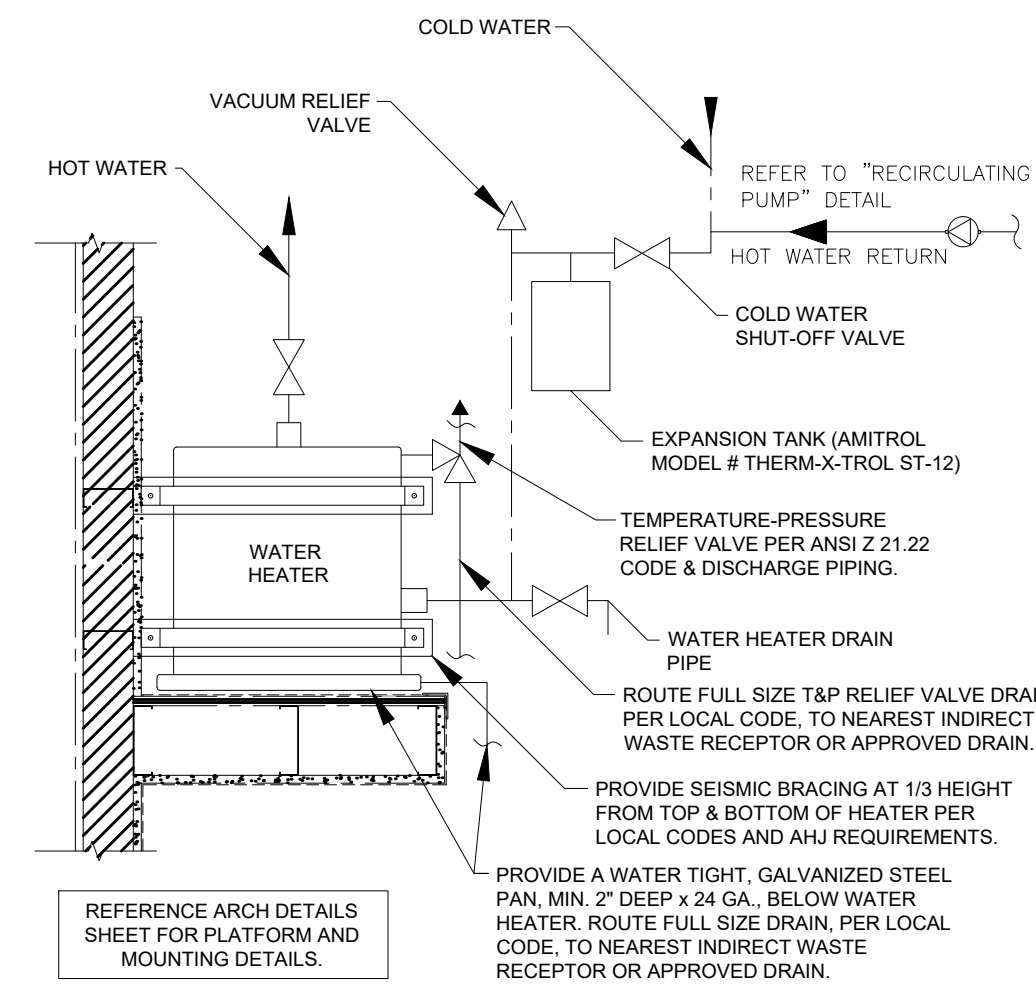


| PIPE SIZE | SPACING TR. LO. | TRANSVERSE BRACE | LONGITUDINAL BRACE | BOLT SIZE | ROD SIZE | MAX ROD LENGTH | VERTICAL BRACE |
|-----------|-----------------|------------------|--------------------|-----------|----------|----------------|----------------|
| 1\"/> | | | | | | | |

DO NOT BRACE ANY PIPES WHERE TOP OF PIPE TO BOTTOM OF UPPER ATTACHMENT IS LESS THAN 12\"/>

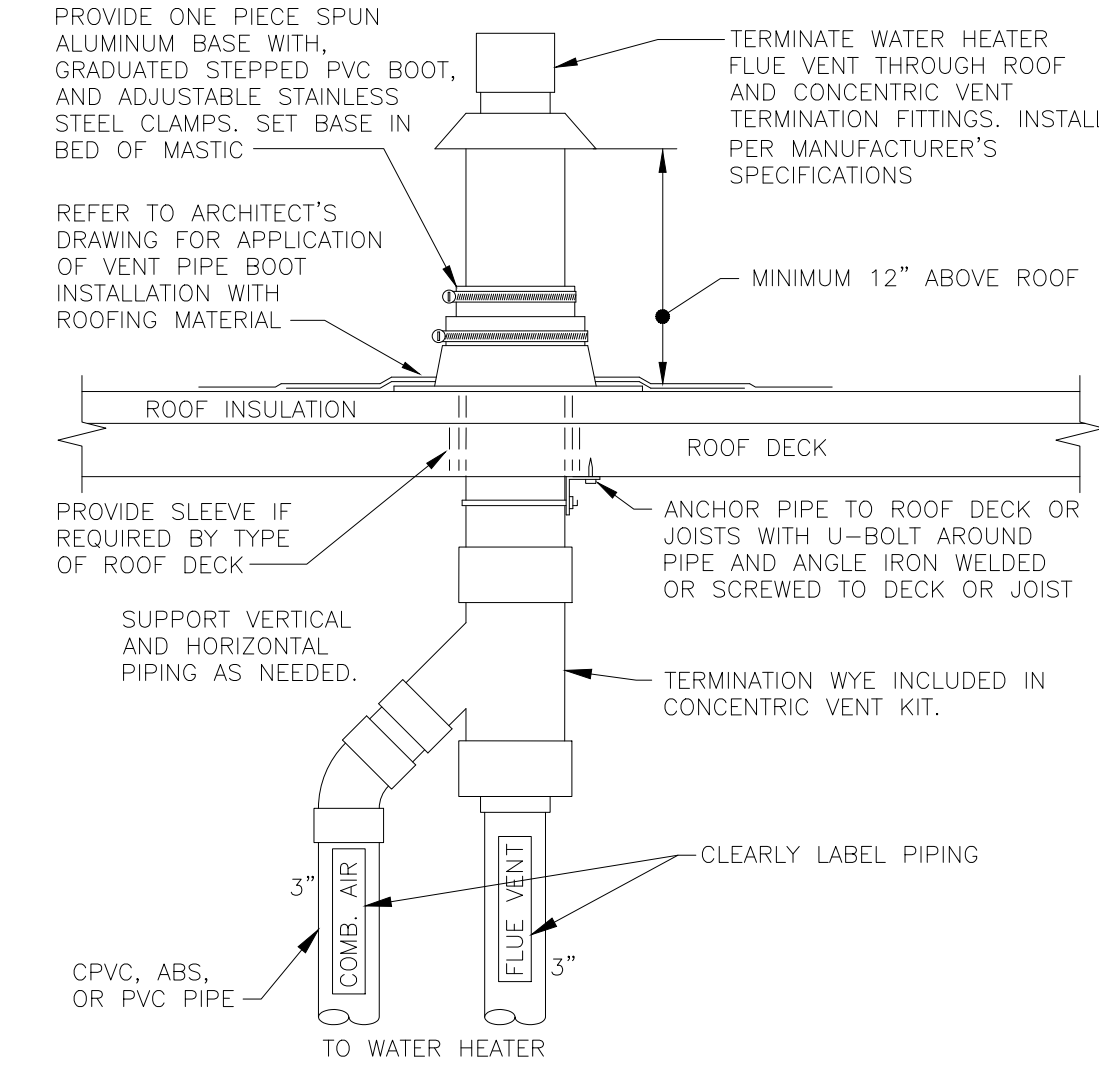
13 SEISMIC BRACING FOR PIPE

NOT TO SCALE



09 TANK ELECTRIC WATER HEATER

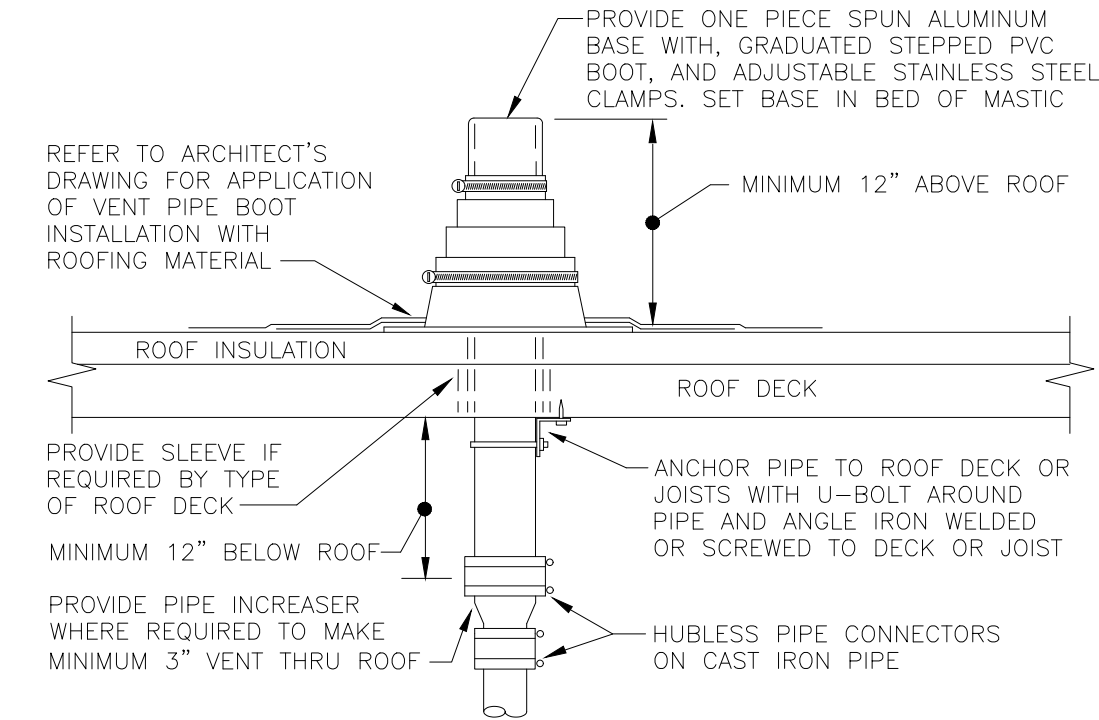
NOT TO SCALE



REFER TO PLANS FOR WATER HEATER FLUE VENT PIPE SIZES AND LOCATIONS. LOCATE CONCENTRIC VENT A MINIMUM OF 10 FEET HORIZONTAL (UNLESS APPROVED BY ENGINEER PRIOR TO INSTALLATION) AND ONE FOOT FROM ANY VERTICAL SURFACE. VERIFY FLASHING AND COUNTERFLASHING WITH ROOFING CONTRACTOR.

05 CONCENTRIC VENT

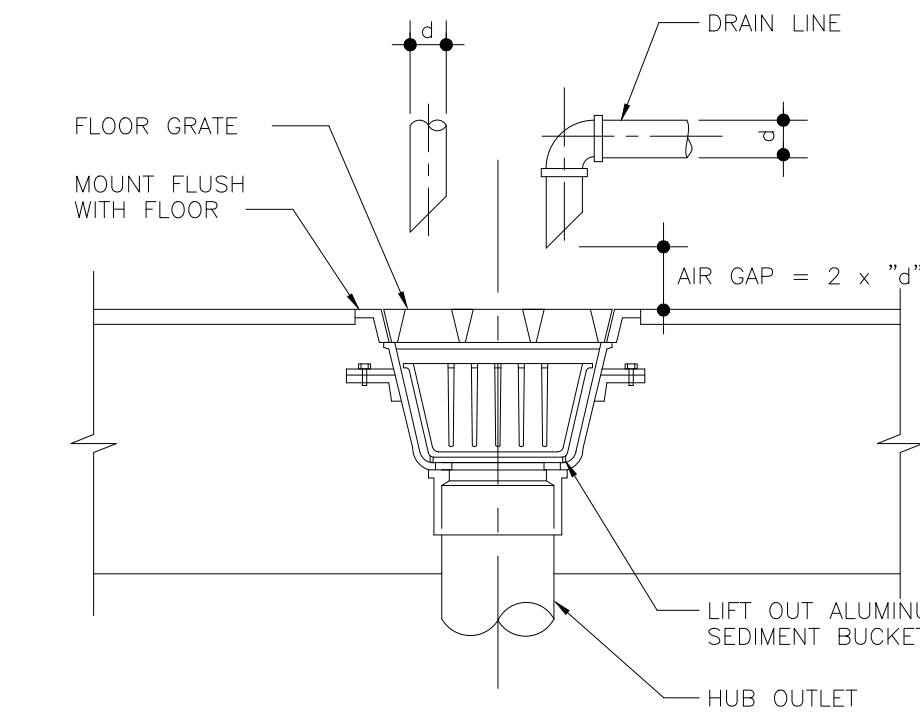
NOT TO SCALE



REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR A MINIMUM OF 20 FEET HORIZONTAL (UNLESS APPROVED BY ENGINEER PRIOR TO INSTALLATION) OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. PROVIDE 1\"/>

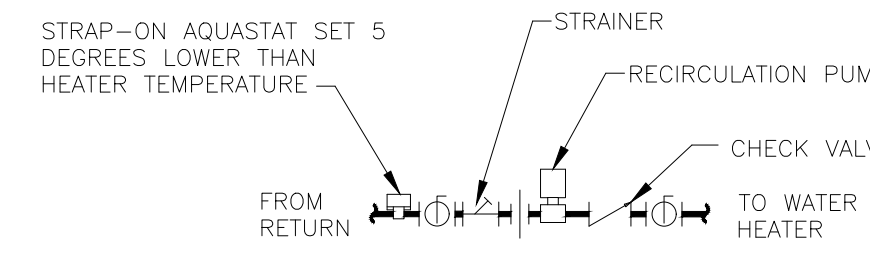
01 VENT THRU ROOF (VTR)

NOT TO SCALE



10 FLOOR SINK

NOT TO SCALE



PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. REFER TO WATER HEATER DETAIL FOR MORE INFORMATION.

06 RECIRCULATION PUMP

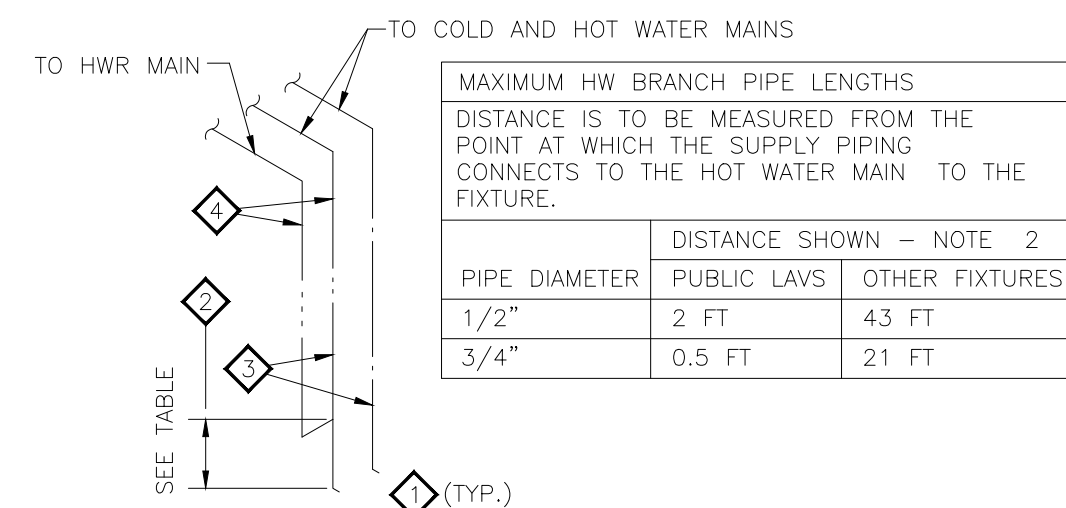
NOT TO SCALE

02 NOT USED

NOT TO SCALE

14 NOT USED

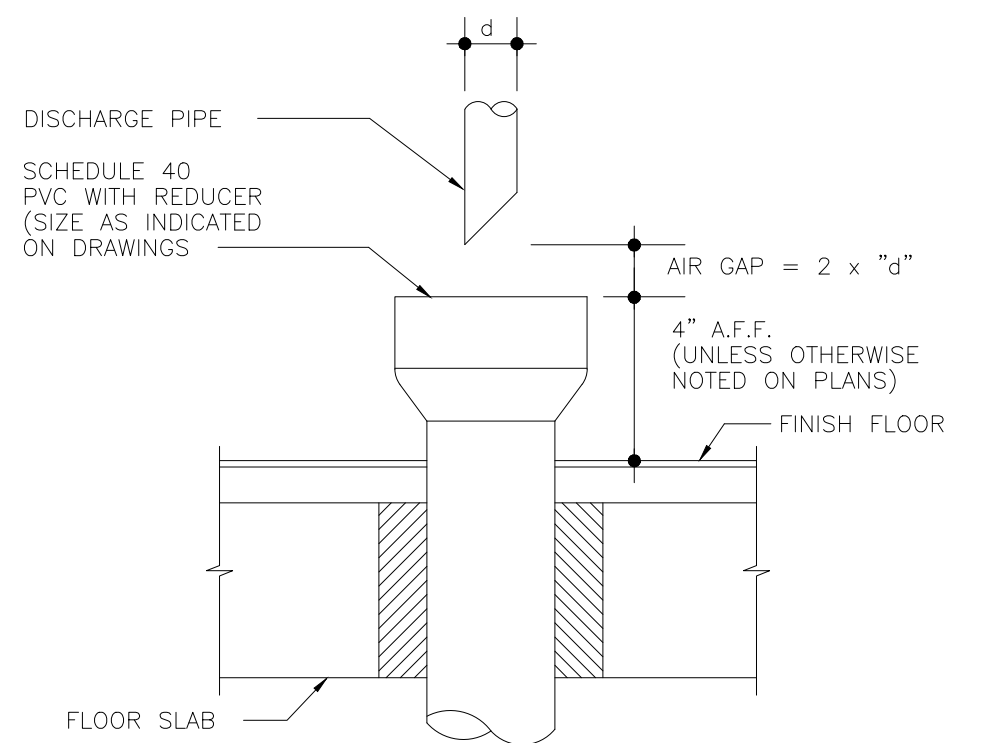
NOT TO SCALE



KEY NOTES:
 1. HOT WATER PIPING SHOWN ON FLOOR PLANS AND ISOMETRIC IS SHOWN FOR PLAN CLARITY. HOT WATER PIPING SHALL LOOP DOWN INTO WALL AS SHOWN.
 2. SEE TABLE FOR MAXIMUM ALLOWED DISTANCE OF PIPING FROM HOT WATER MAIN TO FIXTURE.
 3. PIPE SIZE TO FIXTURE PER PLANS.
 4. PIPE SIZE FOR HOT WATER DISTRIBUTION PIPING PER PLANS.

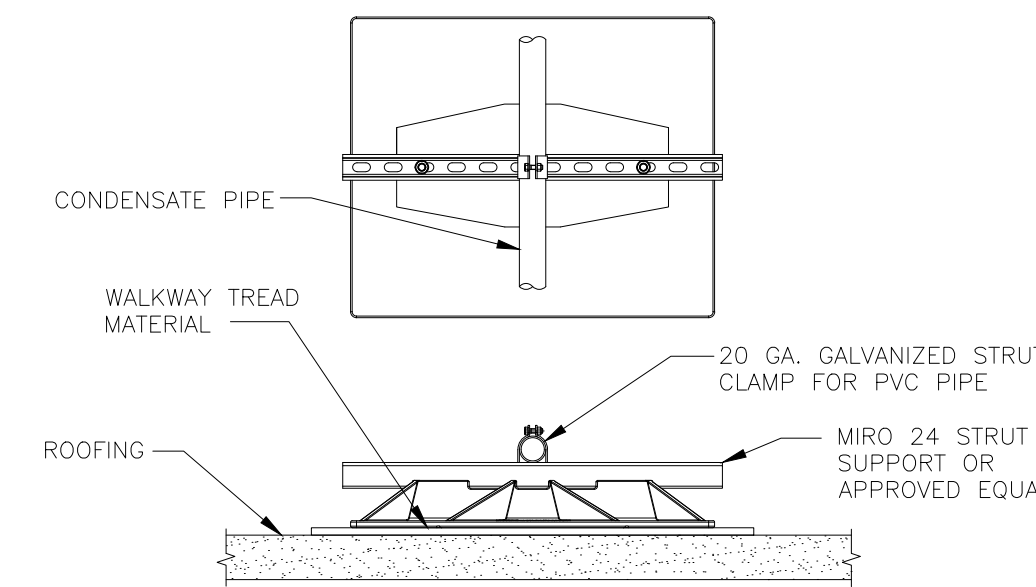
15 PUBLIC HANDWASHING RECIRC.

NOT TO SCALE



11 HUB DRAIN

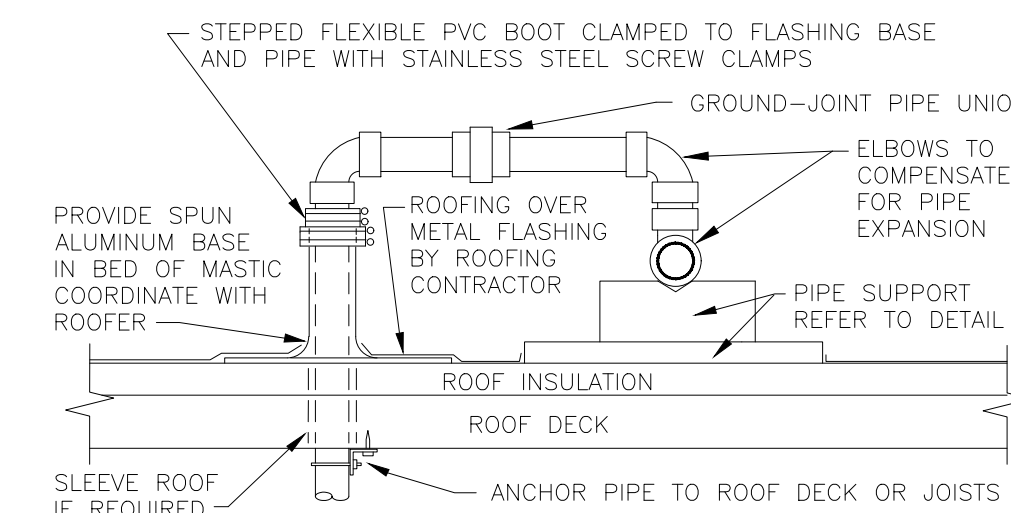
NOT TO SCALE



NOTES:
 1. SUPPORT REQUIRED 10'-0\"/>

12 ROOF CONDENSATE PIPE SUPPORT

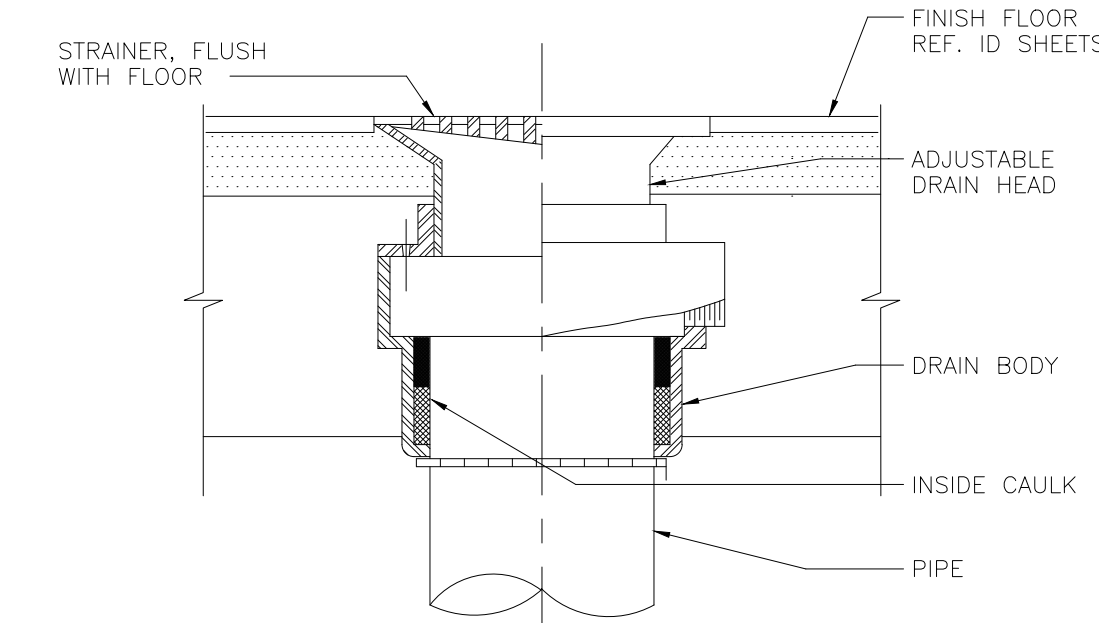
NOT TO SCALE



REFER TO PLANS FOR PIPE SIZE(S) AND LOCATION(S). USE WELDED OR SCREWED FITTINGS AS SPECIFIED FOR PIPE SIZE. LOCATE PENETRATION MINIMUM 18\"/>

07 ROOF PENETRATION

NOT TO SCALE

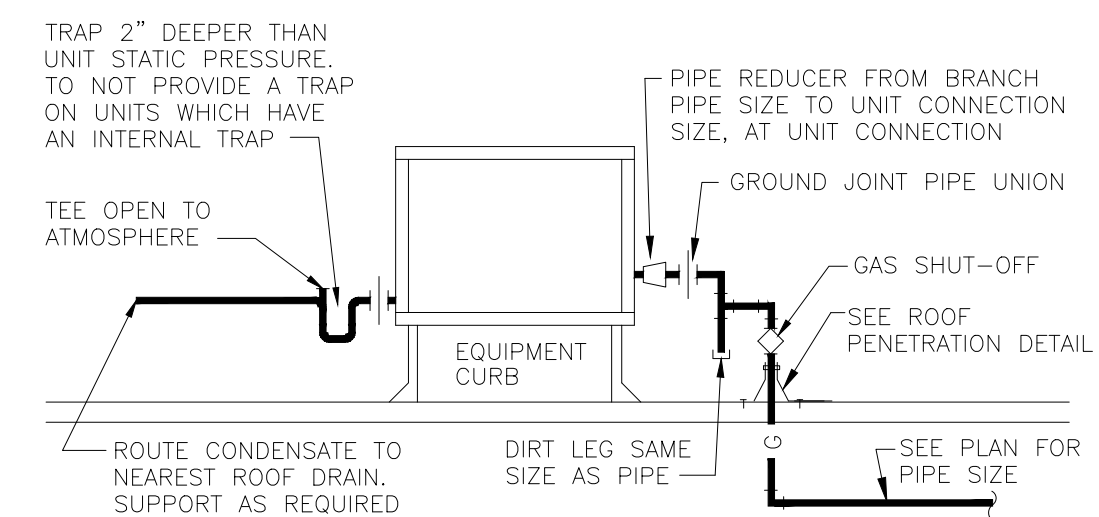


08 FLOOR DRAIN

NOT TO SCALE

03 NOT USED

NOT TO SCALE



PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST AS REQUIRED TO SUIT ACTUAL CONDITIONS.

04 ROOFTOP UNIT CONNECTIONS

NOT TO SCALE

| ISSUE TABLE | | |
|--|-------------------------------|----------------------------|
| No. | Date (mm/dd/yyyy) | Description |
| | | |
| | | |
| REVISIONS | | |
| No. | Date | Description |
| 1 | 8/01/2023 | RESPONSE TO CITY |
| 2 | 9/04/2023 | HEALTH COMMENTS |
| 3 | 9/12/2023 | RESPONSE TO CITY |
| DRAWINGS REVISED AS PER DESIGN BULLETIN | | |
| No. | Date | Description |
| | | |
| | | |
| PROJECT NORTH | | |
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| <small>THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS 'ISSUED FOR CONSTRUCTION'.</small> | | |
| | | |
| 9.13.2023 | | |
| Company Logo <small>ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING 10755 SANDHILL ROAD, DALLAS, TEXAS 75238 TEL: 214-343-9400 www.dimensiongroup.com</small> | | |
| Project POPEYES | | |
| Store Type US 2112 PROTOTYPE 2112-21 | | |
| Location 1517 NC 24-87 CAMERON, NC | | |
| Drawing Title PLUMBING DETAILS | | |
| Drawn NI | Checked AH | Date JUNE 2023 |
| Scale C22-129 | Project No. C22-129 | Drawing No. P4.2 |

PLUMBING SPECIFICATION

GENERAL PROVISIONS

A. WORK INCLUDES MODIFICATION TO EXISTING PLUMBING SYSTEM AND PROVIDING NEW MATERIALS, FITTINGS AND ACCESSORIES NECESSARY FOR A COMPLETE FUNCTIONING PLUMBING SYSTEM. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES AND/OR ORDINANCES AND IS SUBJECT TO INSPECTION.

C. PENETRATION

1. CLEAN PENETRATION HOLES OF DIRT, LOOSE MATERIALS AND FOREIGN MATTER WHICH MAY AFFECT BOND OR INSTALLATION. 2. REMOVE COATINGS SUCH AS PAINT, CURING COMPOUNDS, WATER REPELLENT & SEALERS AS REQUIRED.

INSULATION

A. PIPE INSULATION AND APPURTENANCES AND COVERINGS ON PIPES USED IN CHASES, SHAFTS OR OTHER CONCEALED SPACES IN TYPES 1 AND 2 CONSTRUCTION SHALL HAVE A FLAME SPREAD RATING NOT EXCEEDING TWENTY-FIVE (25) AND IN TYPE 3 AND 4 CONSTRUCTION NOT EXCEEDING SEVENTY-FIVE (75) AND A SMOKE DEVELOPED RATING NOT EXCEEDING FIFTY (50).

PLUMBING FIXTURES AND EQUIPMENT

A. WATER CLOSETS AND LAVATORIES SHALL BE VITREOUS CHINA AND SHALL ALL BE BY SAME MANUFACTURER. B. INSTALLATION: THOROUGHLY CLEAN ITEMS BEFORE INSTALLATION. CAP PIPE OPENINGS TO EXCLUDE DIRT UNTIL FIXTURES ARE INSTALLED AND FINAL CONNECTIONS HAVE BEEN MADE.

ISSUE TABLE table with columns: No., Date, Description. Includes entries for factory-installed temperature relief valve, provide potable water expansion tank, and revisions for response to city and health comments.

Project information including: PROJECT NORTH (North arrow), DRAWINGS REVISED AS PER DESIGN BULLETIN (table), Company Logo (The Dimension Group), Project details (US 2112 PROTOTYPE 2112-21), Location (1517 NC 24-87 CAMERON, NC), Drawing Title (PLUMBING SPECIFICATIONS), and Scale/Date/Project No. (Scale NI, Date JUNE 2023, Project No. C22-129).

SECURITY INSTALLATION NOTES

- A. PROGRAMMING SEQUENCE SET-UP AT THE NCCC
B. OUTDOOR CAMERAS (WHERE PRESENT):
B.A. OUTDOOR POLE MOUNT 15' ABOVE FINISHED PAVEMENT
B.B. GROUND ISOLATION TRANSFORMERS
B.C. SECURITY VENDOR TO RUN FLEX CONDUIT INSIDE LIGHT POLES...

- I. ADD VIDQUAD 4 CHANNEL LTC 2272/60
J. HOLD UP BUTTON 441494 SERIES LATCHING HUB
K. MANAGER AREA-36" AFF OUT OF SITE FROM FRONT COUNTER
L. DRIVE-THRU WINDOW-18" AFF & OUT OF SITE FROM OUTSIDE
M. FRYER/PREP AREA
M.A. STROBE LIGHT-AS SL-401B-BLUE STROBE MOUNT BEHIND MENU BOARD...

POWER GENERAL NOTES

- A. VERIFY EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT, CONDUIT STUB-UPS AND POWER CONNECTIONS PRIOR TO ROUGH-IN.
B. VERIFY EXACT LOCATION, MOUNTING HEIGHTS AND CONDUIT ROUTING FOR ALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTS AND CO2 SENSORS...

LOW VOLTAGE GENERAL NOTES

- A. ALL P.O.S. (POINT OF SALE) CIRCUITS SHALL HAVE AN ISOLATED GROUND WIRE BACK TO THE PANEL. ALL P.O.S. EQUIPMENT SHALL BE WIRED INDEPENDENTLY OF ANY NON-P.O.S. EQUIPMENT.
B. ALL RECEPTACLES FOR P.O.S. EQUIPMENT SHALL BE ISOLATED GROUND WITH SURGE SUPPRESSOR TYPE...

GENERAL ELECTRICAL NOTES

- A. INCLUDE ALLOWANCE FOR UNFORESEEN CONDITIONS THAT MAY AFFECT THE SCOPE OF WORK. MINOR DEVIATIONS REQUIRED FOR ACCOMPLISHING THE INTENT OF THIS DESIGN SHALL BE INCLUDED IN THE ALLOWANCE.
B. SWITCHBOARDS, PANELBOARDS, DISCONNECT SWITCHES, TRANSFORMERS AND CONTACTORS SHALL BE "LISTED" AND "IDENTIFIED" AS RATED FOR MINIMUM OF 75°C CONDUCTOR TERMINATION.
C. ELECTRICAL DESIGN IS BASED ON INSTALLATION OF 75°C CONDUCTORS CONNECTED TO TERMINAL LUGS AND EQUIPMENT U.L.L. LISTED FOR MINIMUM 75°C CONDUCTORS...

ELECTRICAL SYMBOLS LEGEND

Table listing electrical symbols and their descriptions: HOME RUN TO PANEL, PARTIAL CIRCUIT, CONDUIT INSTALLED CONCEALED ABOVE CEILING OR IN WALL, CONDUIT INSTALLED CONCEALED BELOW FLOOR SLAB OR UNDERGROUND, etc.

ISSUE TABLE, REVISIONS, DRAWINGS REVISED AS PER DESIGN BULLETIN, PROJECT NORTH, COMPANY LOGO (THE DIMENSION GROUP), PROJECT (LOUISIANA KITCHEN), STORE NO. C22-129, STORE INFO (1517 NC 24-87 CAMERON, NC), DRAWING TITLE (ELECTRICAL GENERAL NTOES AND LEGEND), SCALE (NOT TO SCALE), DATE (JUNE 2023), DRAWING NO. (C22-129), CHECKED (AH), DATE (JUNE 2023), DRAWING NO. (E.10)

SECURITY INSTALLATION ACCEPTANCE FORM/ CHECKLIST

Table with columns for item description, status (YES/N/A), and modification notes. Items include: FOR INSTALL SITE MODIFICATIONS, CAMERAS, GROUND ISOLATION TRANSFORMERS, ADT TO RUN CONDUIT INSIDE LIGHT POLES, QUICK REFERENCE SHEETS, ALARM INSTRUCTION SHEET, etc.

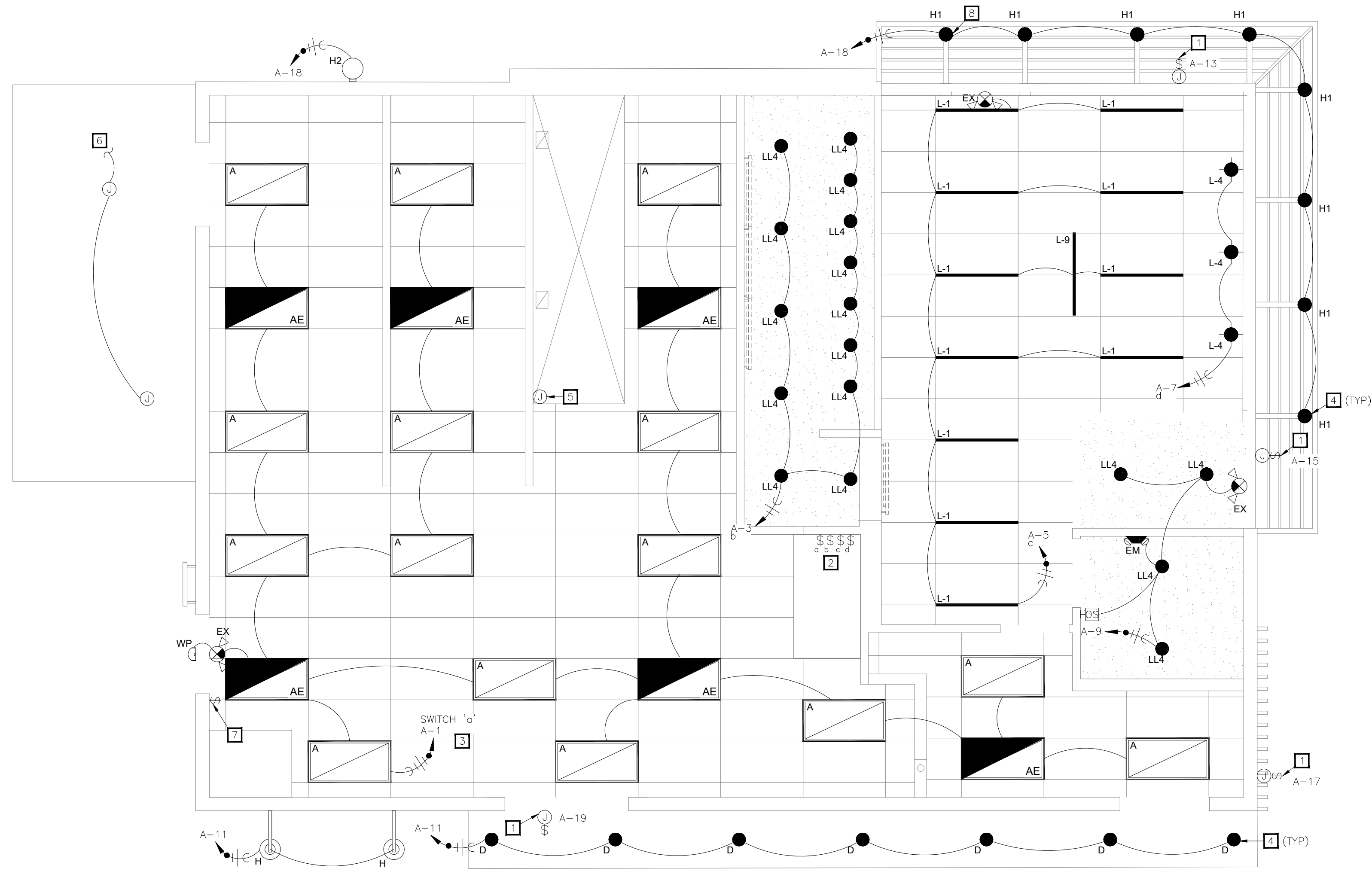
Table with columns for item description, status (YES/N/A), and modification notes. Items include: DRIVE-THRU WINDOW, LOBBY/PERIMETER AREA, KP: KEYPAD, GB: FG 1025 GLASS BREAK, C: B4039 CONTACT, BACK DOOR CONTACT, POC: POINT OF CONNECTION, FRYER/PREP AREA, SL: STROBE LIGHT, S: SOUNDER, MD: MOTION DETECTOR.

LIGHTING GENERAL NOTES

- A. CONNECT EXIT SIGNS, EMERGENCY AND NIGHT LIGHTS TO UNSWITCHED LIGHTING CIRCUIT, NOT CONTROLLED BY OCCUPANCY SENSORS, SWITCHES OR CONTACTORS.
B. PROVIDE DEDICATED NEUTRAL WITH ALL DIMMING SYSTEM CIRCUITS. NO COMMON NEUTRALS SHALL BE ALLOWED.
C. REFER TO "RECESSED LIGHTING FIXTURE SUPPORT DETAIL" FOR INFORMATION ON SUPPORT OF ALL RECESSED LIGHT FIXTURES.

SECURITY SYSTEM GENERAL NOTES

- A. PROVIDE 120V CONNECTIONS TO THE FOLLOWING SYSTEMS:
A.A. CCTV HEAD END EQUIPMENT
A.B. BURGLAR ALARM PANEL & SYSTEM
A.C. SECURITY SYSTEM (INCLUDING SECURITY CAMERAS)
B. PROVIDE EXTERIOR TRENCHING AND CONDUIT WITH PULL STRINGS AS REQUIRED FOR OUTDOOR SECURITY CAMERA INSTALLATIONS...



01 LIGHTING PLAN
1/4" = 1'-0"

- ### ELECTRICAL KEYNOTES
- 1 PROVIDE WEATHERPROOF JUNCTION BOX AND TOGGLE TYPE 20A-1P DISCONNECT SWITCH IN AN ACCESSIBLE LOCATION FOR SIGNAGE. COORDINATE EXACT REQUIREMENTS WITH SIGN CONTRACTOR. VERIFY LOCATION PRIOR TO ROUGH-IN. CONNECTED TO TIMECLOCK.
 - 2 LOCATION OF LIGHTING SWITCH BANK. REFER TO SWITCH BANK ELEVATION ON SHEET E3.1 FOR ADDITIONAL INFORMATION.
 - 3 RECIRCULATION PUMP WILL BE POWERED FROM KITCHEN LIGHTING CIRCUIT.
 - 4 VERIFY ELECTRICAL CONNECTION REQUIREMENTS FOR CANOPY LIGHTING WITH CANOPY SUPPLIER AND EXTERIOR LIGHTING SPECIFICATIONS.
 - 5 JUNCTION BOX ON HOOD FOR CONNECTION TO PRE-WIRED HOOD LIGHTS. CONNECT TO KITCHEN LIGHTING CIRCUIT.
 - 6 PROVIDE POWER TO WALK-IN-COOLER/FREEZER LIGHTING.
 - 7 TIME CLOCK OVERRIDE SWITCH.
 - 8 FIXTURES IN ENTRANCE CANOPY TO BE WIRED THROUGH WOOD SUPPORT HOLDING PENDANT LIGHT. EACH FIXTURE TO HAVE JUNCTION BOX ON INTERIOR OF WALL.

NOTES TO ARCHITECT:
 • FIXTURES IN THE KITCHEN HAVE REDUCED LUMEN OUTPUT/WATTAGE TO MEET COMCHECK.

ISSUE TABLE

| No. | Date (mm/dd/yyyy) | Description |
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REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
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9.13.2023

Company Logo

Project

POPEYES

Store Type
US 2112 PROTOTYPE
2112-21

Location
**1517 NC 24-87
CAMERON, NC**

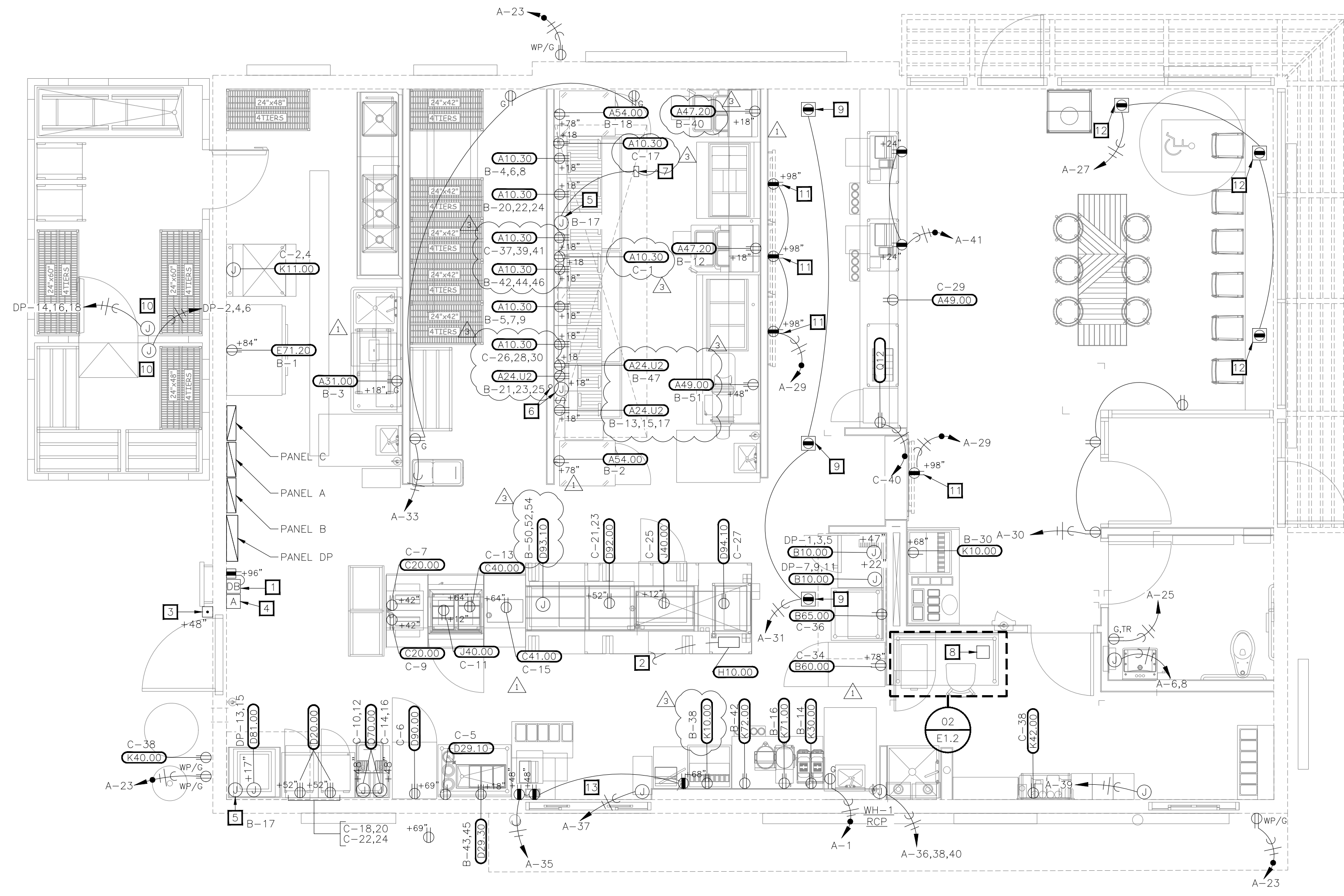
Drawing Title
**ELECTRICAL LIGHTING
PLAN**

| | |
|------------------------|---------------------|
| Drawn JP | Checked AH |
| Scale 1/4" = 1'-0" | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. E1.1 |

LIGHTING FIXTURE SCHEDULE

| TYPE | DESCRIPTION | MANUFACTURER & CATALOG NUMBER | LAMPS & BALLAST | MOUNTING | VOLTS | WATTS | REMARKS |
|------|-----------------------------------|--|-----------------|------------|-------|-------|------------------|
| A | 2X4 LED TROFFER | BOH LIGHTING: 24-FPL1-LED-4000L-DIM10-MVOLT-35-85 | 3500K LED | SURFACE | 120 | 52 | |
| AE | 2X4 LED TROFFER W/ BATTERY BACKUP | BOH LIGHTING: 24-FPL1-LED-4000L-DIM10-MVOLT-35-85-0-EMG-LED-20W | 3500K LED | SURFACE | 120 | 52 | |
| L-1 | LED SUSPENDED LIGHT | COMMERCIAL LIGHTING: BAS-SPWDL48-0MK-SFCC-LED-18W-35K-010V | 3500K LED | SURFACE | 120 | 18 | |
| L-4 | LED ACCENT LIGHT | NOLA MAKERS: BAS-PPC-10-RALS018-0B6ST-48LST | 3500K LED | PENDANT | 120 | 12 | |
| LL4 | 6" RECESSED DOWNLIGHT | HERMITAGE: LD6IC-AT-DIMTR-120 | 3500K LED | RECESSED | 120 | 11.5 | |
| LL4 | 6" RECESSED DOWNLIGHT | COMMERCIAL LIGHTING: LD6IC-AT-DIMTR-120 | 3500K LED | RECESSED | 120 | 11.5 | ALTERNATE VENDOR |
| L-9 | LED SUSPENDED LIGHT | TBD | TBD | SURFACE | 120 | TBD | |
| EX | LED EMERGENCY LIGHT | EXITRONICS: VLED-U-WH-EL90R | N/A | WALL | 120 | 5 | |
| EM | LED EMERGENCY LIGHT | EXITRONICS: LED-90 | N/A | WALL | 120 | 5 | |
| WP | WALL PACK W/ PHOTOCELL | WESTGATE: WES-LESW20W50KP | LED EM LIGHT | WALL | 120 | 20 | |
| D | RECESSED DOWNLIGHT | COMMERCIAL LIGHTING: DAL-RGR4-CC-BK | 5000K LED | RECESSED | 120 | 14 | |
| H | LED GOOSENECKS | HERMITAGE: 93102318 | 3000K LED | WALL MOUNT | 120 | 38 | |
| H1 | LED OUTDOOR SCONCE | COMMERCIAL LIGHTING: OUTDOOR SCONCE 1 | LED | PENDANT | 120 | 100 | |
| P1 | LED POLE LIGHT | HUBBELL LIGHTING: RAR2-320L-165-5K7-4W-UNV-ASQ-DBS | 5000K LED | POLE MOUNT | UNV | 165 | |

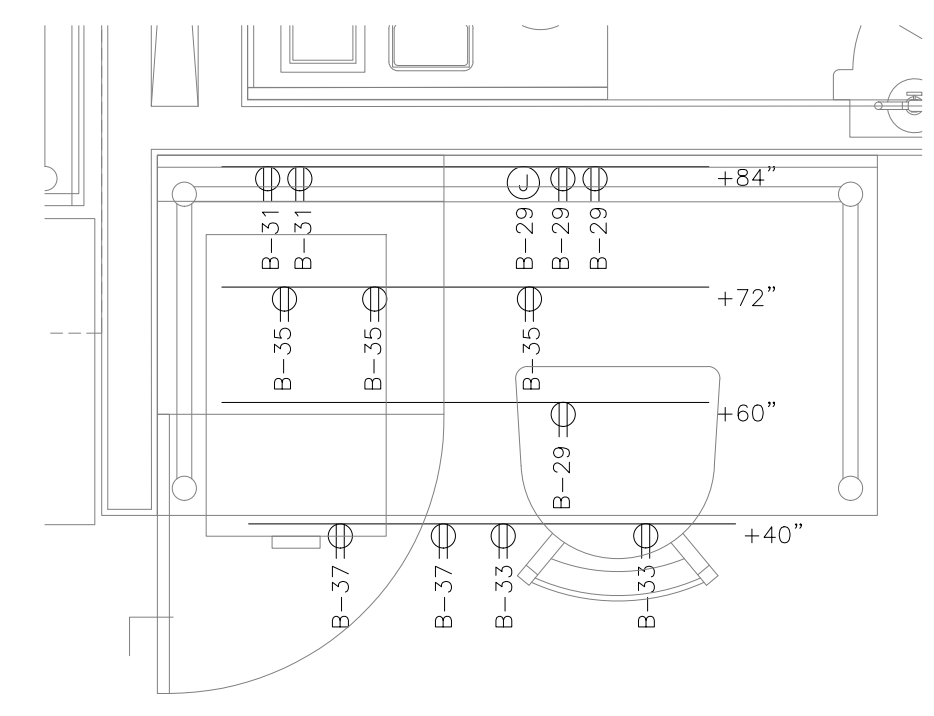
POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



01 POWER PLAN
1/4"=1'-0"

ELECTRICAL KEYNOTES

- 1 PROVIDE DOUBLE DUPLEX RECEPTACLE ADJACENT TO TELEPHONE BOARD. PROVIDE #6 CU GROUND TO SERVICE ENTRANCE GROUND. SEE ARCHITECTURAL ELEVATIONS.
- 2 ALL POWER FOR ISLAND KITCHEN EQUIPMENT TO RUN THROUGH LOAD CENTER H10.00. CONDUIT TO RUN UNDER SLAB AND STUB AT H10.00.
- 3 SERVICE SIGN AND PUSHBUTTON FOR DOORBELL.
- 4 E.C. TO WIRE AND CONNECT REMOTE ANSUL PULLSTATION.
- 5 E.C. TO INSTALL AND WIRE RELAY CONTROL PANEL PACKAGE FOR HOOD EXHAUST FANS HEF-1 AND HEF-2. PROVIDE POWER AND INTERLOCK CONTROL WIRING FOR HP1-F CONTROL PANEL AND HOOD FIRE SUPPRESSION SYSTEM. SEE EXHAUST HOOD WIRING DETAIL SHEET E3.2.
- 6 HOOD ANSUL FIRE SUPPRESSION SYSTEM. PROVIDE 3/4" CONDUIT STUBBED ABOVE CEILING.
- 7 "ON/OFF" SELECTOR SWITCH AND PILOT LIGHT IN NEMA 4X STAINLESS STEEL ENCLOSURE MOUNTED ON THE FACE OF THE HOOD. PROVIDED BY HOOD MANUFACTURER.
- 8 OFFICE EXHAUST FAN SHALL BE CONNECTED TO OPERATE WITH AREA LIGHTING. INTERLOCK EXHAUST FAN WITH LIGHTS.
- 9 PROVIDE CEILING OUTLET WITH ISOLATED GROUND RECEPTACLES SUPPORTED FROM BUILDING STRUCTURE FOR VIDEO MONITOR, PRINTER, AND/OR HEADSET. VERIFY EXACT REQUIREMENTS AND LOCATION.
- 10 POWER CONNECTION TO WALK-IN FREEZER, EVAP, DEFROSTER, HEAT TAPE, AND DOOR HEATER.
- 11 POWER FOR MENUBOARDS. REFER TO "MONITOR BRACKET DETAIL" ON SHEET E3.1 FOR MORE INFORMATION.
- 12 CEILING MOUNTED SHOW WINDOW RECEPTACLE.
- 13 SEE DETAIL 07, E3.1 FOR DRIVE-THRU AUDIO AND TIMERS DIAGRAM.



02 MANAGER'S DESK POWER PLAN
3/4"=1'-0"

ISSUE TABLE

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REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
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PROJECT NORTH

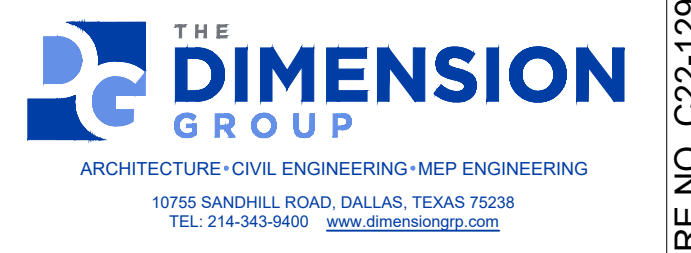
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9.13.2023

Company Logo



Project



POPEYES

Store Type

US 2112 PROTOTYPE
2112-21

Location

1517 NC 24-87
CAMERON, NC

Drawing Title

ELECTRICAL POWER PLAN

| | |
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| Drawn | Checked |
| JP | AH |
| Scale | Date |
| AS SHOWN | JUNE 2023 |
| Project No. | Drawing No. |
| C22-129 | E1.2 |

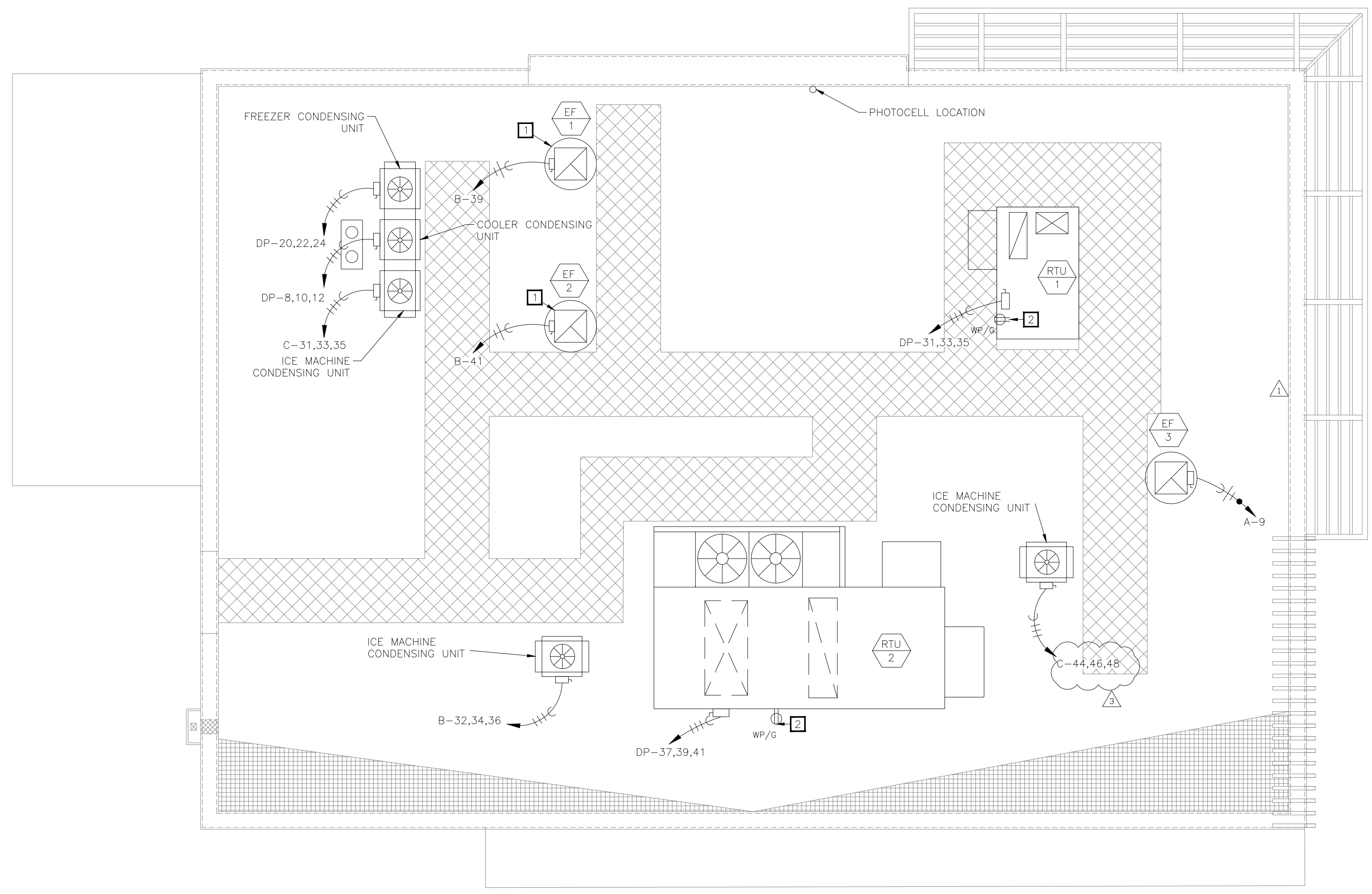
POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

| ELECTRICAL KEYNOTES | |
|---------------------|--|
| 1 | PROVIDE CONNECTION TO ASSOCIATED SWITCH ON HOOD. COORDINATE ALL REQUIREMENTS WITH MECHANICAL DRAWINGS AND HOOD WIRING DIAGRAM PRIOR TO ROUGH-IN. |
| 2 | UNIT IS PROVIDED WITH UNIT MOUNTED UNIT POWERED CONVENIENCE RECEPTACLE. |

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

| DRAWINGS REVISED AS PER DESIGN BULLETIN | | |
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| No. | Date | Description |
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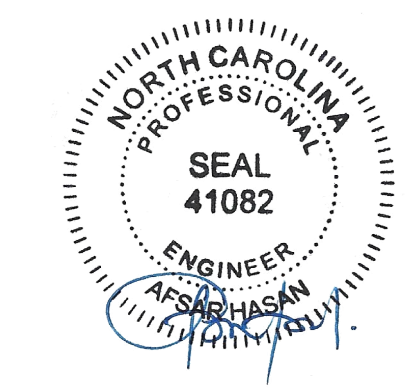


01 ROOF POWER PLAN
1/4" = 1'-0"



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9.13.2023

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ARCHITECTURE • CIVIL ENGINEERING • MEP ENGINEERING
10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongrp.com

Project

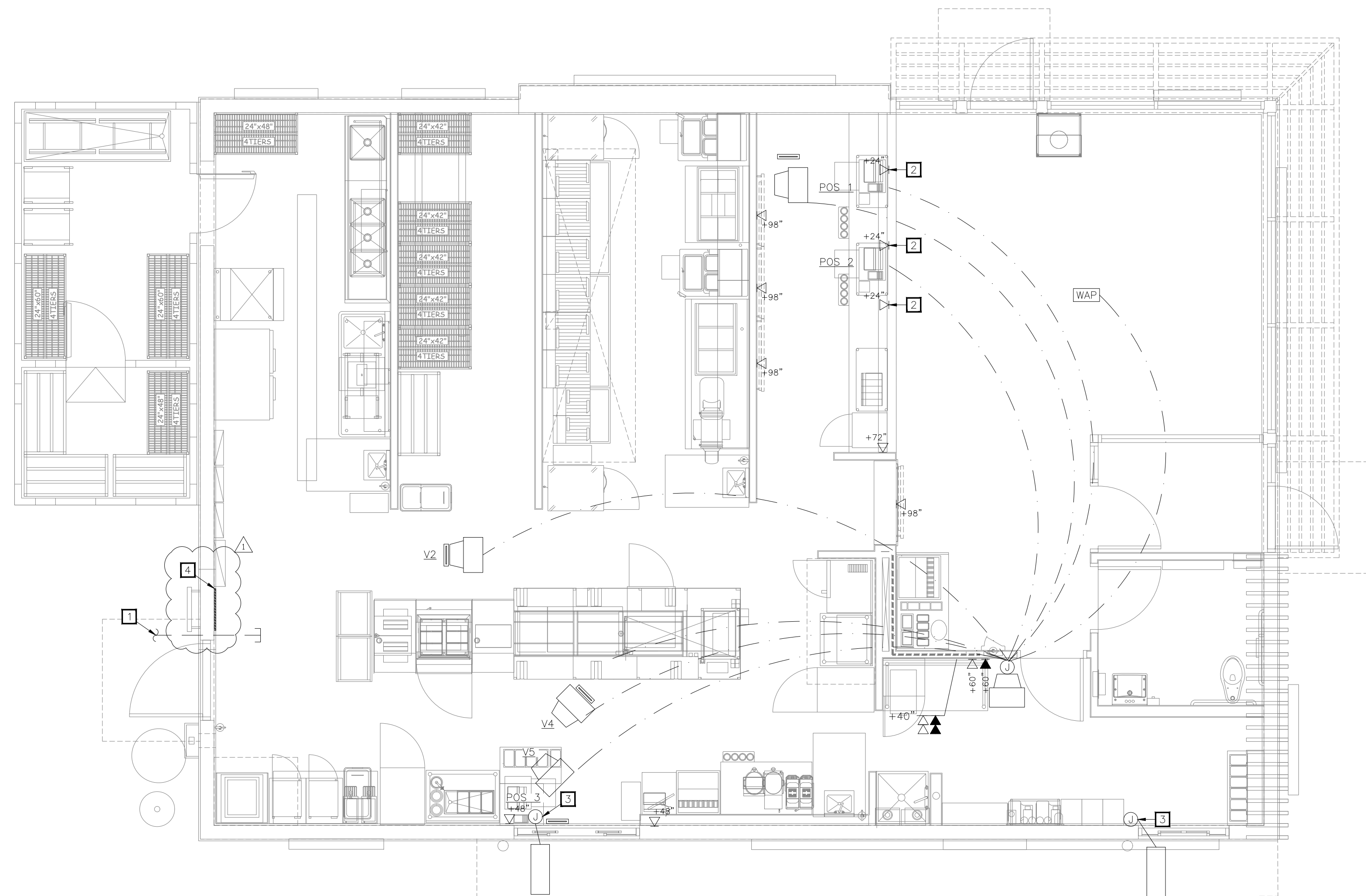
Store Type
US 2112 PROTOTYPE
2112-21

Location
**1517 NC 24-87
CAMERON, NC**

Drawing Title
ELECTRICAL ROOF PLAN

| | |
|------------------------|---------------------|
| Drawn JP | Checked AH |
| Scale 1/4" = 1'-0" | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. E1.3 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



01 LOW VOLTAGE PLAN
1/4"=1'-0"

ELECTRICAL KEYNOTES

- 1 (2) 2" CONDUITS FROM TELEPHONE BOARD TO A LOCATION COORDINATED WITH LOCAL TELEPHONE COMPANY. OWNER REQUIRED SERVICE CONDUITS SHALL BE SIZED FOR 25 PAIR (MINIMUM). TELEPHONE SERVICE CONDUITS SHALL BE INSTALLED WITH PULL WIRE. CONDUITS RISE FROM U.G. INSIDE EXTERIOR WALL, TURN 90 DEGREES, AND TERMINATE IN BUILDING. SEE ARCHITECTURAL ELEVATIONS.
- 2 FRONT COUNTER REGISTER DATA OUTLETS MOUNTED ON INSIDE OF MILLWORK. PROVIDE 1" CONDUIT WITH PULL STRING FOR POS DATA BOXES.
- 3 PROVIDE JUNCTION BOX WITH 1" CONDUIT WITH PULL STRING THROUGH CURB TO 2" BELOW PAVEMENT LINE FOR CAR SENSOR DETECTOR LOOP. COORDINATE WITH CIVIL PLANS AND COORDINATE INSTALLATION IN FIELD WITH SUPPLIER.
- 4 PROVIDE 3/4" X 18" X 24" W PLYWOOD TELEPHONE BOARD PAINTED WITH 2 COATS OF "LISTED" FIRE RETARDANT LIGHT GRAY COLOR PAINT.

ISSUE TABLE

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REVISIONS

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

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9.13.2023

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ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING
10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongpp.com

Project



POPEYES

Store Type
US 2112 PROTOTYPE
2112-21

Location
1517 NC 24-87
CAMERON, NC

Drawing Title
ELECTRICAL POS PLAN

| | |
|------------------------|---------------------|
| Drawn JP | Checked AH |
| Scale 1/4" = 1'-0" | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. E1.4 |

REGISTER CONNECTION NOTES

- A. CABLES SHALL BE CAT6.
- B. BUMP BARS SHALL BE MOUNTED TO DELIVER SYSTEM AT AREAS MARKED "BB".
- C. BUMP BAR CABLES SHALL BE RUN THROUGH DELIVERY SYSTEM FROM MOUNT UP THROUGH WALLS TO ABOVE THE CEILING AND BACK TO THE MANAGER STATION.
- D. CRT MONITORS SHALL BE MOUNTED ON CEILING BRACKETS PROVIDED BY REGISTER SYSTEM.
- E. WHERE CABLING IS INSTALLED IN WALLS, IT SHALL BE ROUTED IN 1" CONDUIT THROUGH THE WALL TO ABOVE ACCESSIBLE CEILING.

POPEYES RADIO SYSTEM
PROVIDED BY OWNER

| DESCRIPTION | MAKE | MODEL | QUANTITY |
|---------------------------------------|------------|------------------|----------|
| RECESSED SPEAKERS*(DINING) | BOSE | MODEL #16, BLACK | 4 |
| RECESSED SPEAKERS*(KITCHEN) | MUZAK | MBS 8-ST3, BLACK | 2 |
| OUTDOOR BOX SPEAKERS* | OWI | 701 | 4 |
| AMPLIFIER | PASO | MU 3130 BGM | 1 |
| SPEAKER SUPPORT | QUAM | SSB-2 | 2 |
| SPEAKER BACKCAN | QUAM | ERD-8 | 2 |
| CABLE, CONNECTORS, HARDWARE AND SHELF | VARIOUS | VARIOUS | 1 |
| AREA VOLUME CONTROL | QUAM | QC-10 | 3 |
| RECEIVER | ECOHO STAR | 3000 | 1 |
| DISH | CH MASTER | 1.0 ANTENNA | 1 |

* NUMBER OF SPEAKERS MAY VARY DUE TO DESIGN CONSIDERATIONS
** LABOR INCLUDES INSTALLATION OF 150' OF 12 GAUGE SPEAKER WIRE.
SEE THE NATIONAL ACCOUNT VENDOR LIST FOR EQUIPMENT SUPPLIER.

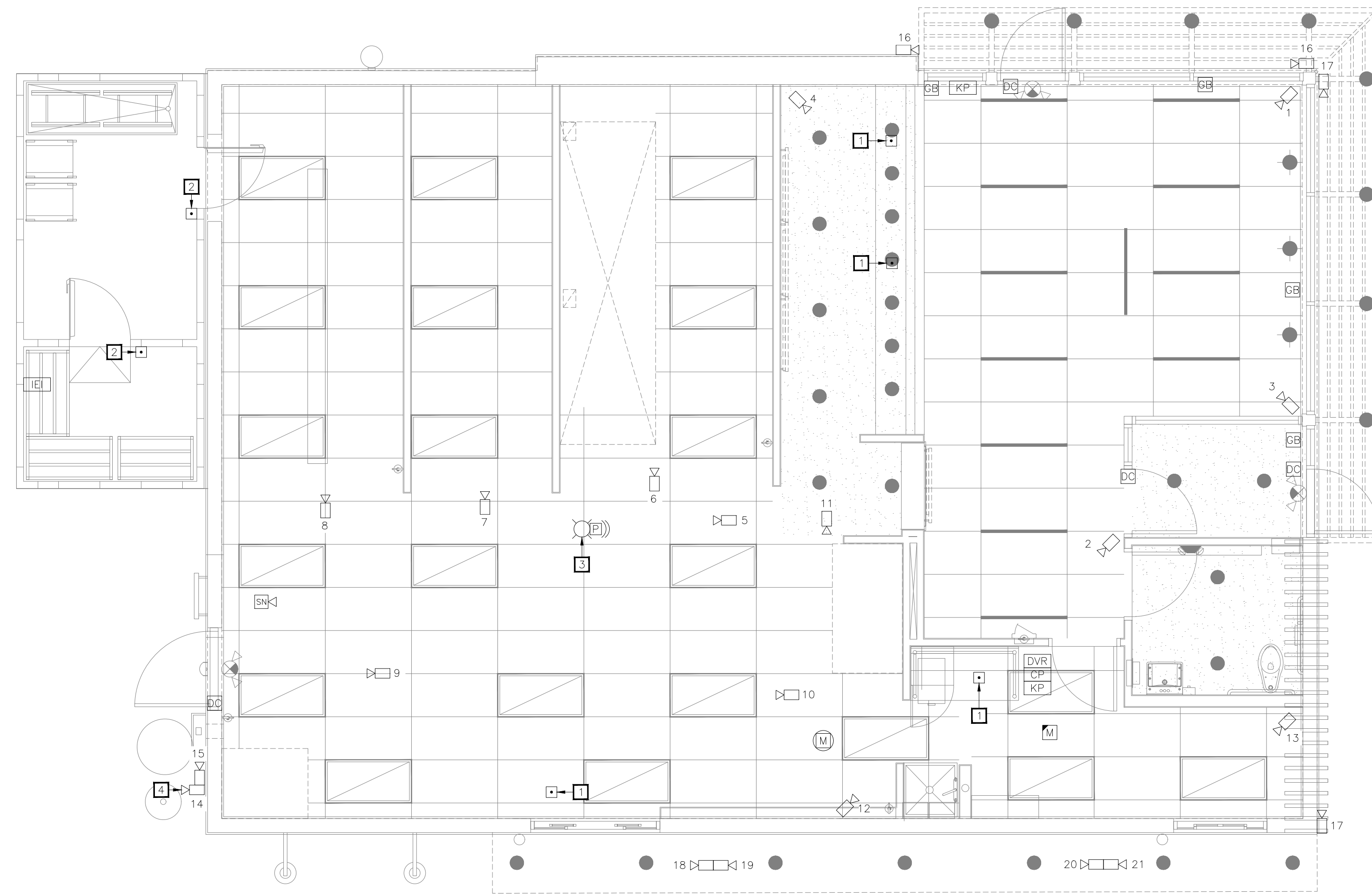
POS LEGEND

| | |
|--|--|
| | BUMP BAR WIRING |
| | VIDEO MONITOR AND POS WIRING |
| | SECURITY WIRING (CAT6) |
| | BB - BUMP BARS |
| | V1 = VIDEO 1 V2 = VIDEO 2 V3 = VIDEO 3 V4 = VIDEO 4 V5 = VIDEO 5 |
| | POS - POINT OF SALE TERMINAL |
| | MONITOR |
| | WIRELESS APPLICATION PROTOCOL |

SYMBOLS LEGEND NOTES:
MOUNTING HEIGHTS INDICATED ARE MEASURED FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE UNLESS NOTED OTHERWISE.

NOTES TO ARCHITECT
* ENGINEER NEEDS LOCATIONS FOR ALL SPEAKERS

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129



01 SECURITY PLAN
1/4" = 1'-0"

ELECTRICAL KEYNOTES

- 1 PROVIDE PANIC BUTTON INSTALLED ON UNDERSIDE OF COUNTER/ DESK.
- 2 PROVIDE WEATHERPROOF/ COLD-PROOF HOLD-UP PANIC BUTTON INSIDE WALK-IN COOLER/ FREEZER. COORDINATE EXACT INSTALLATION AND LOCATION WITH POPEYES CONSTRUCTION MANAGER.
- 3 STROBE LIGHT -AS SL-401B-BLUE STROBE LIGHT MOUNTED IN KITCHEN. LIGHT WILL FLASH CONTINUOUSLY WHILE BACK DOOR IS OPEN.
- 4 MOUNT CAMERA ON BUILDING CORNER AND ORIENT TO FACE DRIVE-THRU MENU BOARD.

POPEYES MATERIAL LIST

- CAMERAS**
- A. CAMERA ACCESSORIES AND DETAILS:
 - A.A. 6 OR 7 LOCATIONS (LOCATIONS W/OUTDOOR CAMERAS)
 - A.B. 2 OR 3 G1100-GROUND ISOLATION TRANSFORMERS
 - A.C. LTC 0430/20-38 SERIES CAMERA W/ 3.5-8MM VARIFOCAAL AUTOIRIS LENS
 - A.D. TC 9340A SERIES OUTDOOR HOUSING
 - A.E. TC9211PM POLE MOUNT ADAPTER
 - A.F. NCG CONNECTORS FOR PLENUM CABLE
 - A.G. LEX CONDUIT FOR OUTDOOR CAMERAS RUN INSIDE POLE FOR CABLING
 - B. INDOOR CEILING MOUNT IN TINTED DOME:
 - B.A. FASTEN SCREW IN CEILING FOR DOMES SO NOT EASILY DROPPED OUT OF TILE
 - B.B. LTC 0430/20-38 SERIES CAMERA W/ 3.5MM-8MM VARIFOCAAL AUTOIRIS LENS
 - B.C. TC 9345MT7 INDOOR TINTED DOME
 - B.D. BNC CONNECTORS FOR PLENUM CABLE
- OFFICE AREA**
- C. AC-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
 - G. ALTV248: 8 POSITION POWER SUPPLY
 - H. QUICK REFERENCE SHEETS
 - I. ALARM INSTRUCTION SHEET TO BE MOUNTED ON WALL IN EMPLOYEE ONLY AREA CLOSEST TO KEYPAD OR IN OFFICE AREA PER CUSTOMER INSTRUCTION
 - J. VCR INSTRUCTION SHEETS (2) 1-REVIEW & 1-RECORD-TO BE MOUNTED ON WALL CLOSEST TO VCR
 - K. 2-HUB: HOLD UP BUTTON 441494 SERIES LATCHING HUB
- FOR LOCATIONS WITH 6 OR MORE CAMERAS: ADD MULTIPLEXER LTC 2641/60. PLACE ON NO-TAMPER SECURITY LOCK.
- FOR LOCATIONS WITH 4 CAMERAS OR LESS: ADD VIDQUAD 4 CHANNEL LTC 2272/60
- STOVE/ PREP AREA**
- L. STROBE LIGHT-AS SL-401B-BLUE STROBE MOUNT BEHIND MENU BOARD.
 - L.A. STROBE LIGHT WILL FLASH CONTINUOUSLY WHILE BACK DOOR IS OPEN
 - M. SOUNDER-AS-PAL328N-LOW TONE SOUNDER MOUNT WITH STROBE BEHIND MENU BOARD.
 - M.A. SOUNDER WILL SOUND WHEN BACK DOOR IS OPENED.
 - M.B. MANAGER WILL SILENCE ST SOUNDER AT KEYPAD AFTER 1ST TONE
 - N. MOTION DETECTOR-AP 669 PIR-360 MOTION MOUNT IN STOVE AREA.
 - N.A. MOTION DETECTOR RADIUS TO INCLUDE DRIVE-UP WINDOW AREA AND GENERAL REAR AREA.
- LOBBY/ PERIMETER AREA/ BACK OF HOUSE**
- O. KEYPAD
 - O.A. MOUNT 40" AFF WALL ENTERING KITCHEN AREA FROM LOBBY
 - P. FG 1025 GLASS BREAK
 - P.A. CLASS BREAK FOR LOBBY GLAZING, PROVIDE ONE ON EACH SIDE OF BUILDING. COORDINATE EXACT DEVICE LOCATION AND INSTALLATION.
 - Q. B4039 DOOR CONTACT
 - Q.A. PROVIDE FOR ALL EXTERIOR DOORS. BACK DOOR CONTACT TO ACT AS ALARM POINT FOR REAR "OPEN DOOR" ALARM. SOUNDER AND BLUE STROBE TO ACTIVATE WHEN BACK DOOR IS OPEN.
 - R. 3050CT SERIES HOLD-UP PANIC BUTTON
 - R.A. LATCHING HUB IN COOLER/FREEZER. MOUNT 18" AFF ON HINGE SIDE OF DOOR SUB UP IN CONDUIT
 - S. POINT OF CONNECTION TO NKL SAFE
 - S.A. FIGTAL PROVIDED BY NKL SAFE
 - T. RELAYS FOR BACK DOOR/POC/ZONE EXPANSION
 - U. TELCO JACK
 - V. WATTS LINE

REFERENCE ONLY

SECURITY SYMBOL LEGEND

| DEVICE | SYMBOL | QTY. | DEVICE | SYMBOL | QTY. |
|---------------------------------|--------|------|--|--------|------|
| DOOR CONTACT | DC | 4 | DOOR CONTACT (PROVIDE EXTERIOR RATINGS WHERE REQUIRED) | DC | 21 |
| HORN/ SOUNDER | SN | 1 | 14 INCH MONITOR | M | 1 |
| CONTROL PANEL | CP | 1 | DIGITAL VIDEO RECORDER | DVR | 1 |
| SECURITY KEYPAD | KP | 2 | IEI KEYPAD | IEI | 1 |
| MOTION DETECTOR (CEILING MOUNT) | M | 1 | STROBE LIGHT | SL | 1 |
| GLASS BREAK | GB | 4 | PIEZO | PJ | 1 |
| HOLD-UP PANIC BUTTON | □ | 6 | | | |

SECURITY ACCEPTANCE FORM NOTE

CONTRACTOR TO FILL OUT "SECURITY INSTALLATION ACCEPTANCE FORM/CHECKLIST" ON SHEET E1.0 TO FINALIZE INSTALLATION OF SECURITY SYSTEM.

ISSUE TABLE

| No. | Date (mm/dd/yy) | Description |
|-----|-----------------|-------------|
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REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

| No. | Date | Description |
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9.13.2023

Company Logo

Project

POPEYES

Store Type
US 2112 PROTOTYPE
2112-21

Location
1517 NC 24-87
CAMERON, NC

Drawing Title
ELECTRICAL SECURITY
PLAN

| | | | |
|-------------|--------------|-------------|-----------|
| Drawn | JP | Checked | AH |
| Scale | 1/4" = 1'-0" | Date | JUNE 2023 |
| Project No. | C22-129 | Drawing No. | E1.5 |

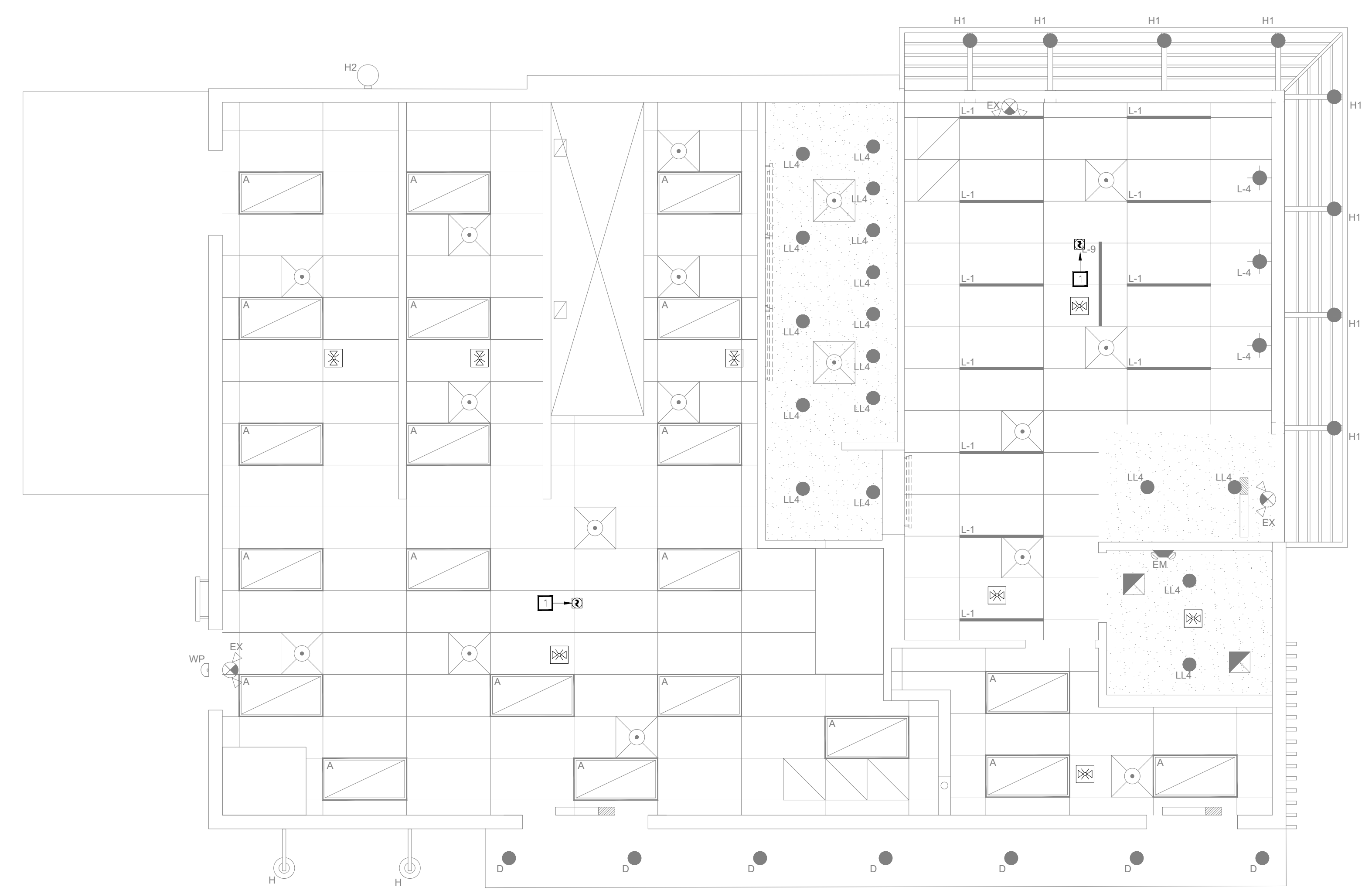
POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

| ELECTRICAL KEYNOTES | |
|---------------------|---|
| □ | PROVIDE 120V WIRING TO DUCT MOUNTED SMOKE DETECTORS AND REMOTE TEST INDICATORS. |

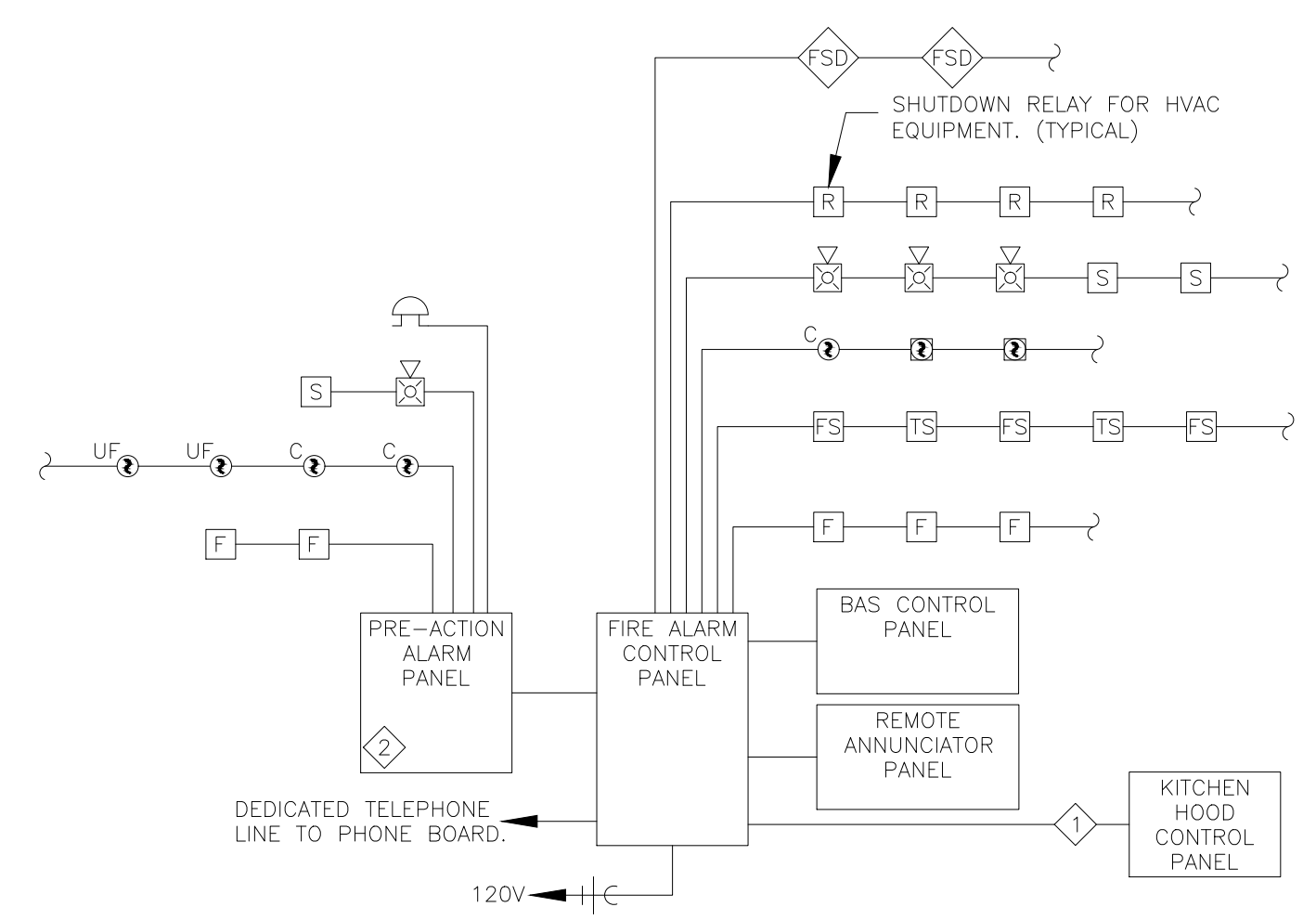
| ISSUE TABLE | | |
|-------------|-------------------|-------------|
| No. | Date (mm/dd/yyyy) | Description |
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| REVISIONS | | |
|-----------|-----------|------------------|
| No. | Date | Description |
| 1 | 8/01/2023 | RESPONSE TO CITY |
| 2 | 9/04/2023 | HEALTH COMMENTS |
| 3 | 9/12/2023 | RESPONSE TO CITY |

| DRAWINGS REVISED AS PER DESIGN BULLETIN | | |
|---|------|-------------|
| No. | Date | Description |
| | | |
| | | |
| | | |



01 FIRE ALARM PLAN
1/4"=1'-0"



FIRE ALARM CONTRACTOR SHALL VERIFY EXACT NUMBER OF CIRCUITS REQUIRED FOR ALL DEVICES, INCLUDING VOLTAGE DROPS AND BATTERY CALCULATIONS.

◇ ELECTRICAL CONTRACTOR SHALL PROVIDE RELAY CONNECTION BETWEEN KITCHEN EXHAUST HOODS AND FIRE ALARM SYSTEM.

◇ DATA ROOM SHALL BE MONITORED AND SIGNALLED INDEPENDENTLY.

02 FIRE ALARM RISER DIAGRAM
NOT TO SCALE



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9.13.2023

Company Logo

ARCHITECTURE - CIVIL ENGINEERING - MEP ENGINEERING
10755 SANDHILL ROAD, DALLAS, TEXAS 75238
TEL: 214-343-9400 www.dimensiongroup.com

Project

Store Type
US 2112 PROTOTYPE
2112-21

Location
1517 NC 24-87
CAMERON, NC

Drawing Title
ELECTRICAL FIRE ALARM
PLAN

| | |
|------------------------|---------------------|
| Drawn JP | Checked AH |
| Scale AS SHOWN | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. E1.6 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

KITCHEN EQUIPMENT SCHEDULE

Table with columns: EQUIPMENT MARK, ITEM DESCRIPTION, VOLTAGE-PHASE, MOCP, CONDUCTOR & GROUND, PIPE, MATERIAL, TYPE, AMPERAGE, POLES, FUSES, NEMA, HEIGHT, REMARKS. Includes equipment like fryers, freezers, mixers, and toasters.

NOTES: 1. VERIFY ALL ELECTRICAL CONNECTIONS PRIOR TO ROUGH-IN.

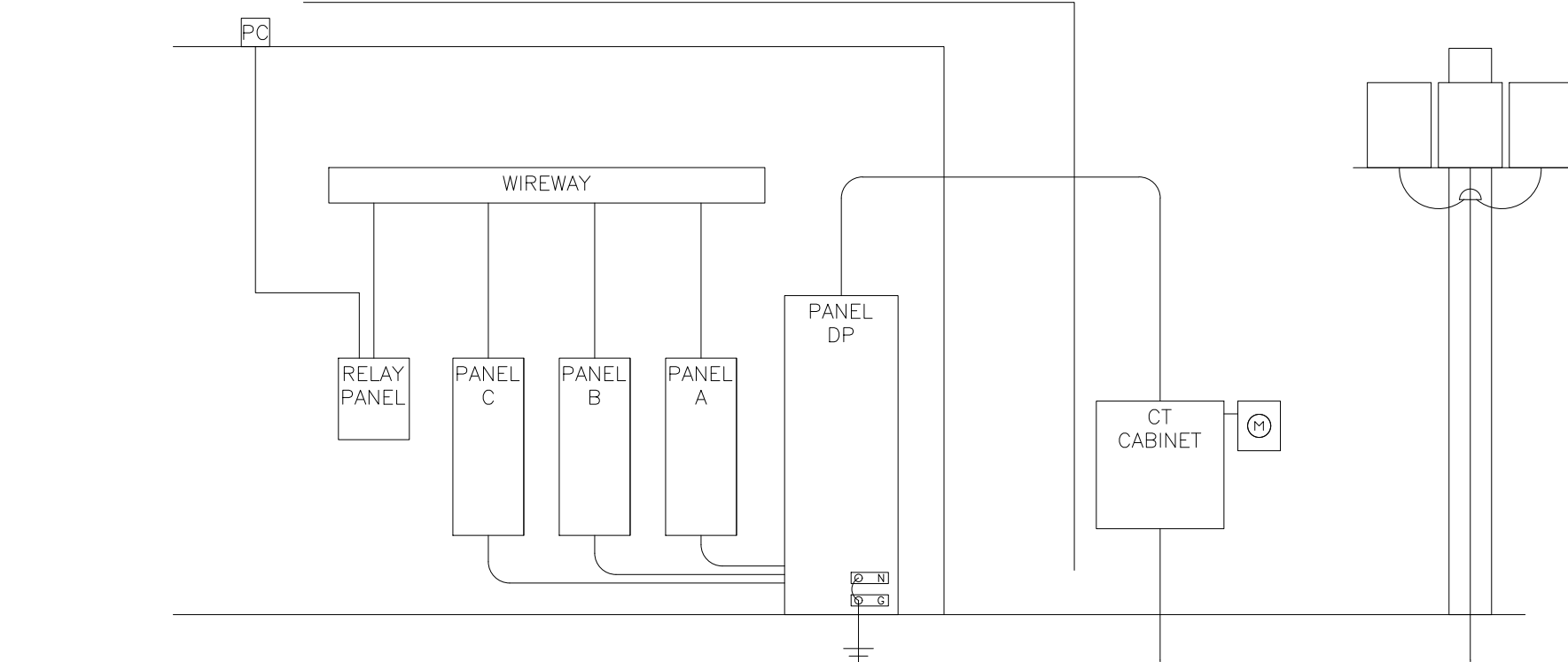
EQUIPMENT FEEDER SCHEDULE

Table with columns: EQUIPMENT MARK, VOLTAGE-PHASE, MOCP, CONDUCTOR & GROUND, PIPE, MATERIAL, TYPE, AMPERAGE, POLES, FUSE, NEMA, REMARKS. Lists feeders for various kitchen equipment.

NOTES: 1. CIRCUIT THROUGH RELAY PANEL FOR CONTROL. SEE SCHEDULE FOR ADDITIONAL INFORMATION.

FEEDER SCHEDULE

Table with columns: EQUIPMENT MARK, VOLTAGE-PHASE, MOCP, CONDUCTOR & GROUND, PIPE, MATERIAL, REMARKS, FAULT CURRENT, VOLTAGE DROP. Lists utility and DP feeders.



01 ELECTRICAL RISER DIAGRAM NO SCALE

Panelboard schedule for DP (208V-3P) with detailed load summary table and equipment list.

Panelboard schedule for A (120V-1P) with detailed load summary table and equipment list.

Panelboard schedule for B (120V-1P) with detailed load summary table and equipment list.

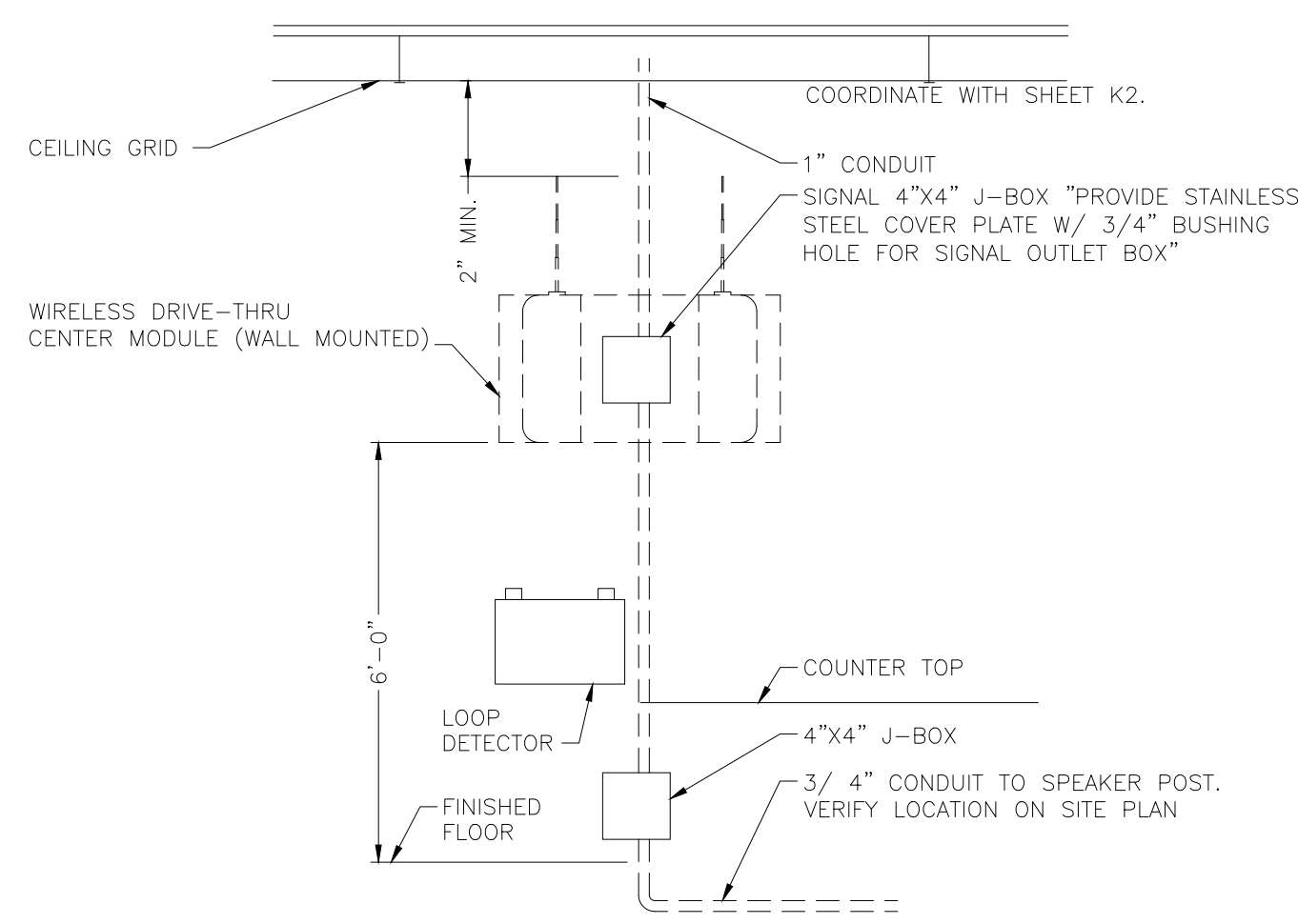
Panelboard schedule for C (120V-1P) with detailed load summary table and equipment list.

Project information including ISSUE TABLE, REVISIONS, DRAWINGS REVISED AS PER DESIGN BULLETIN, PROJECT NORTH, and DIMENSION GROUP logo.

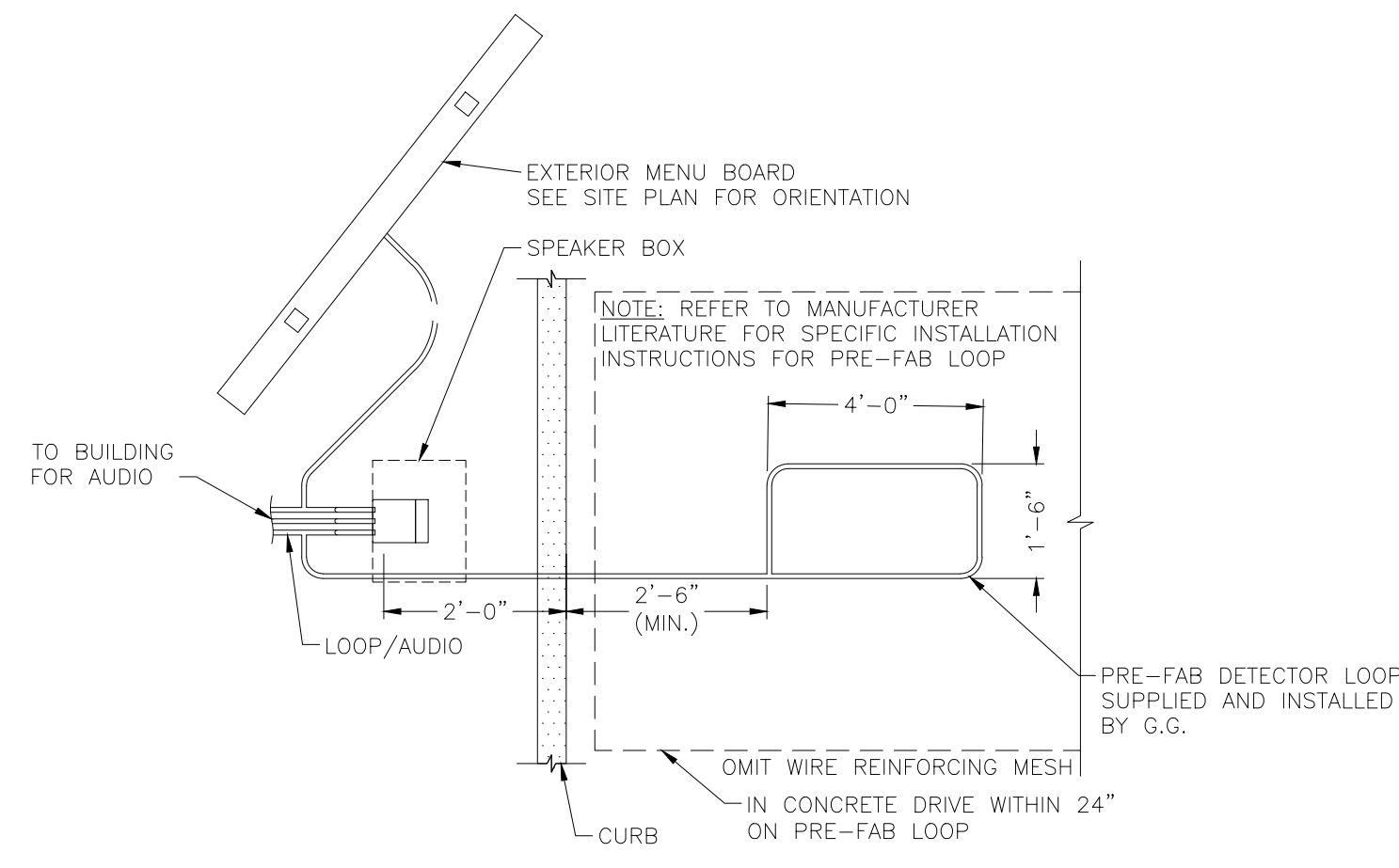


1517 NC 24-87 CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

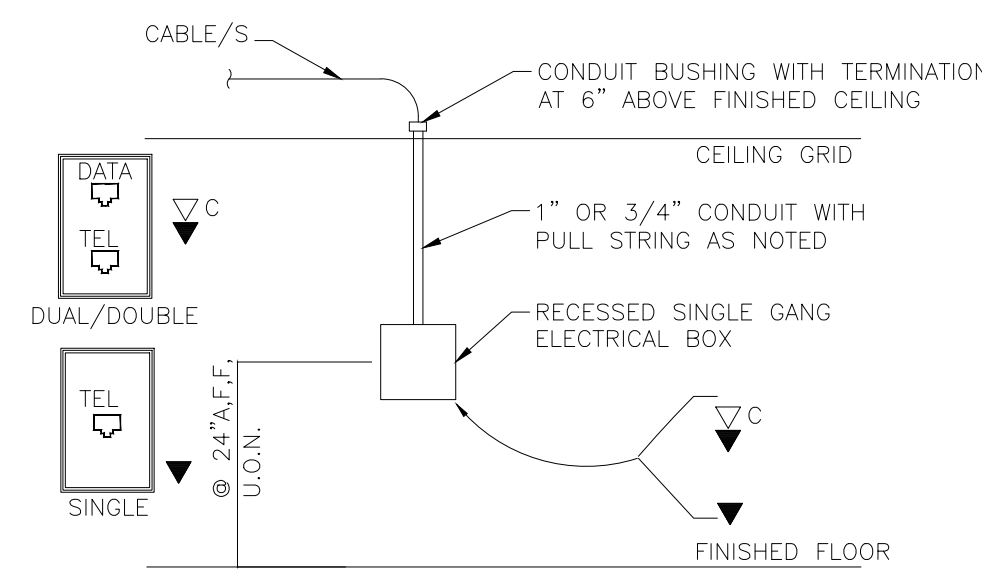
Project details table with columns: Drawing Title (ELECTRICAL SCHEDULES), Store Type (US 2112 PROTOTYPE 2112-21), Location (1517 NC 24-87 CAMERON, NC), Drawing No. (E2.1), Date (JUNE 2023).



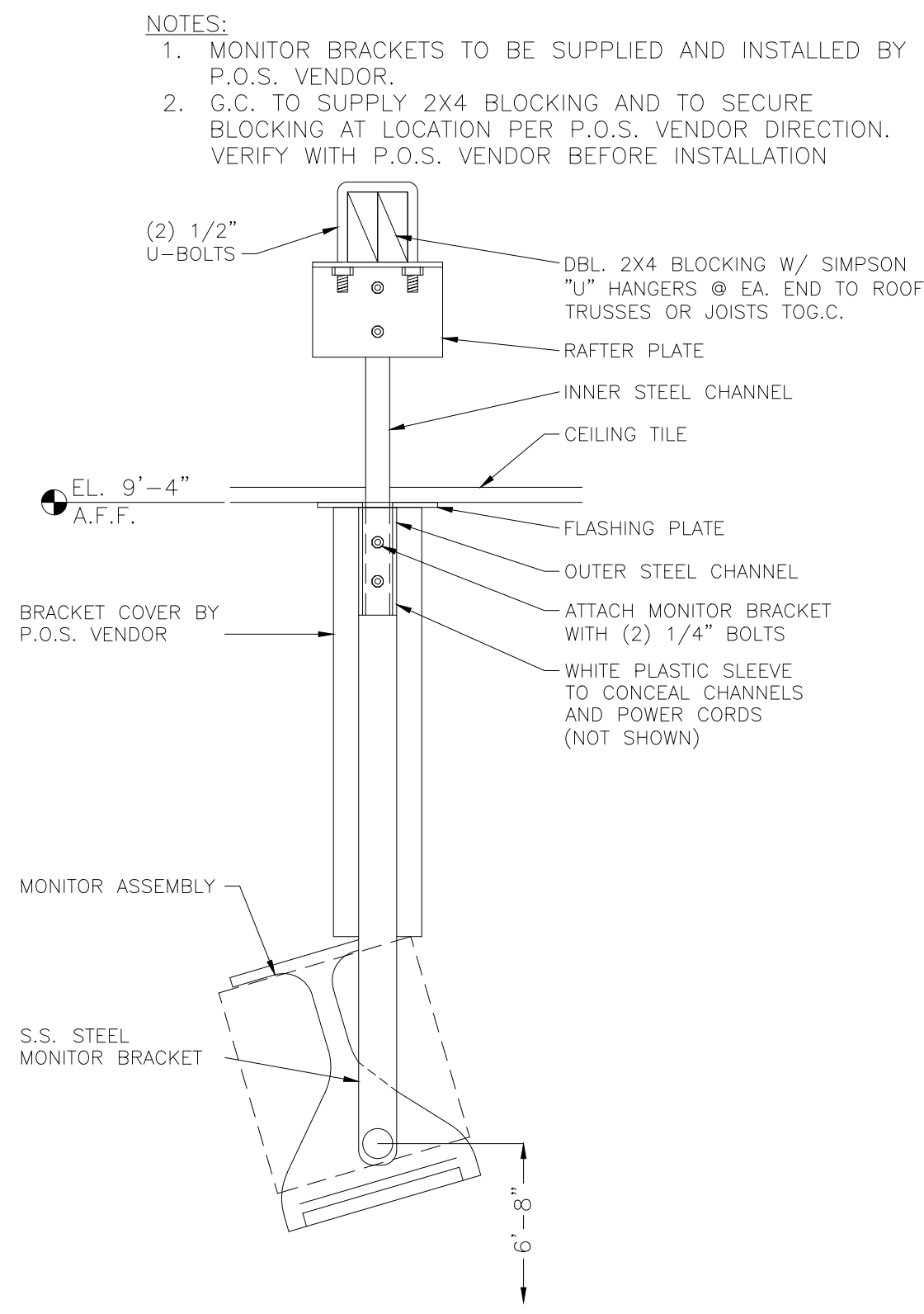
07 DRIVE-THRU AUDIO/TIMERS
NOT TO SCALE



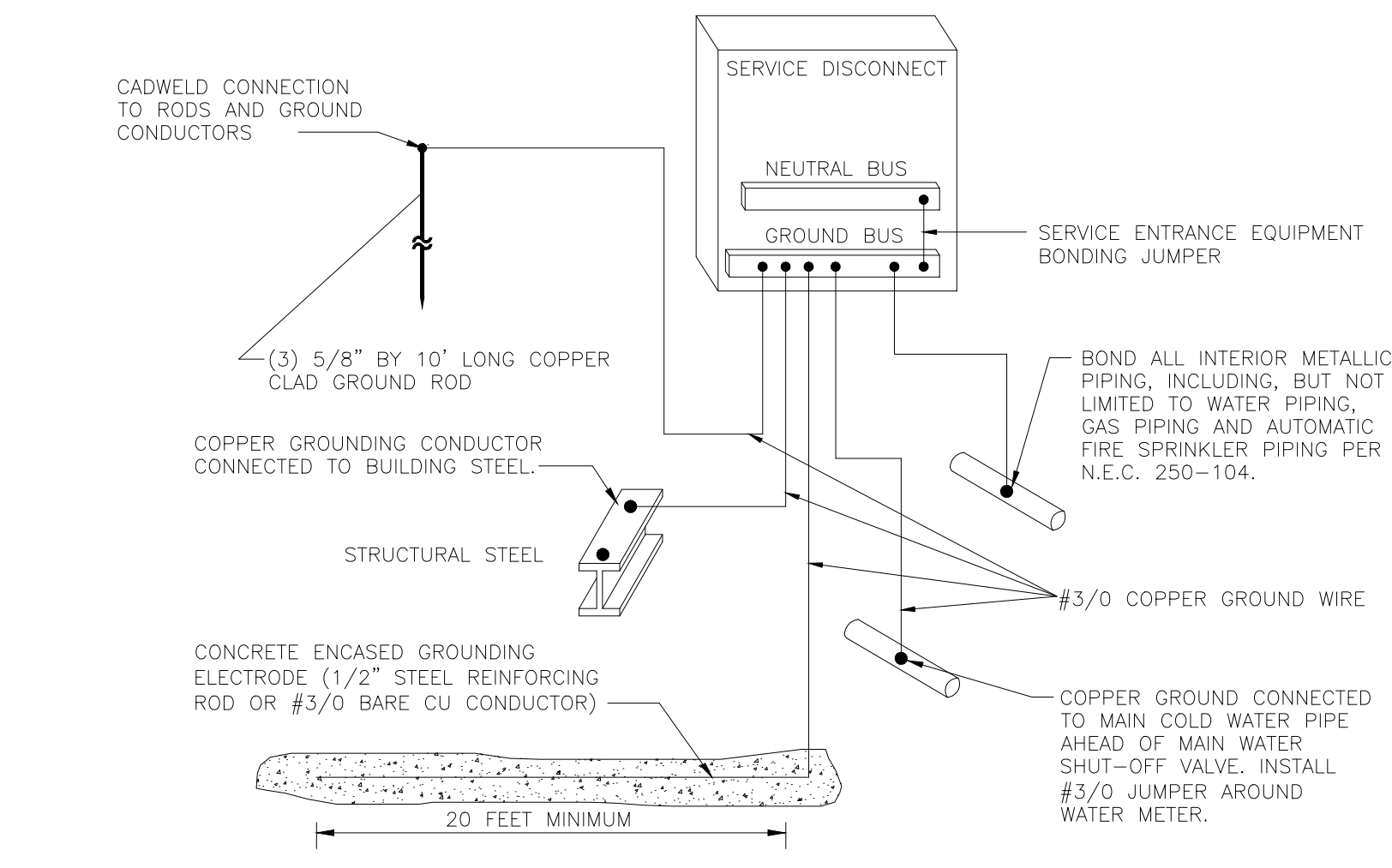
08 DRIVE-THRU LOOP DETECTOR
NOT TO SCALE



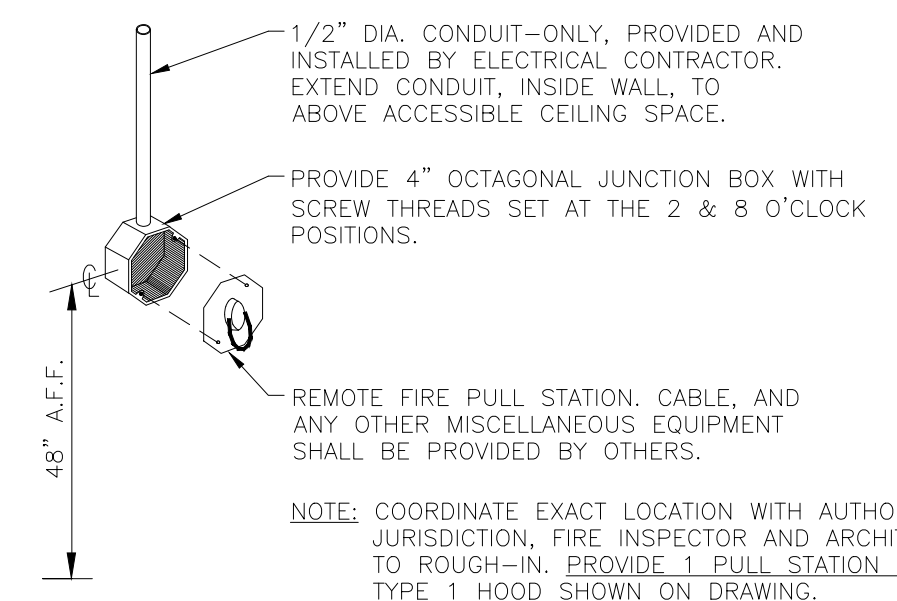
09 TYP. COMM. STUB UP
NOT TO SCALE



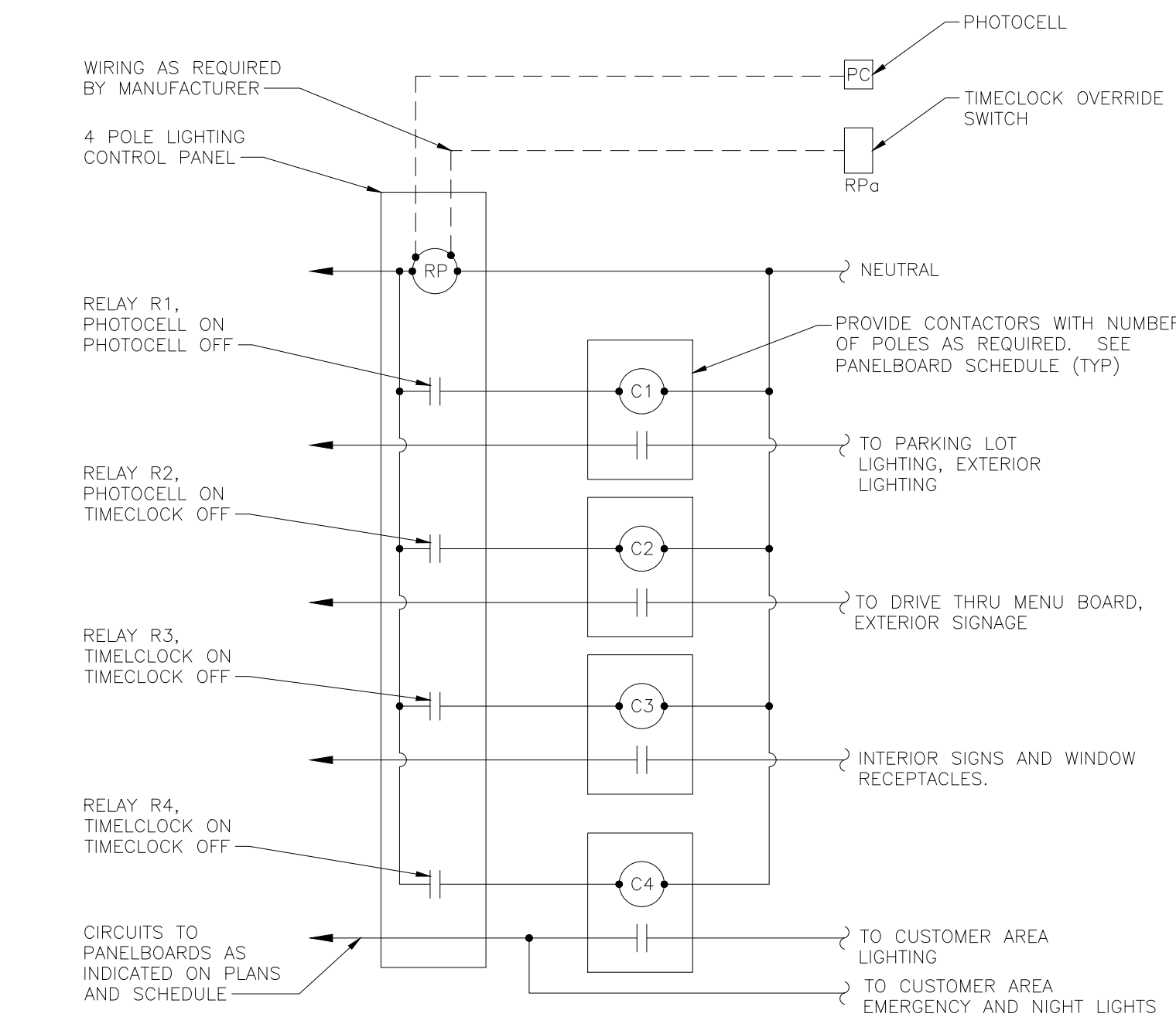
04 MONITOR BRACKET DETAIL
NOT TO SCALE



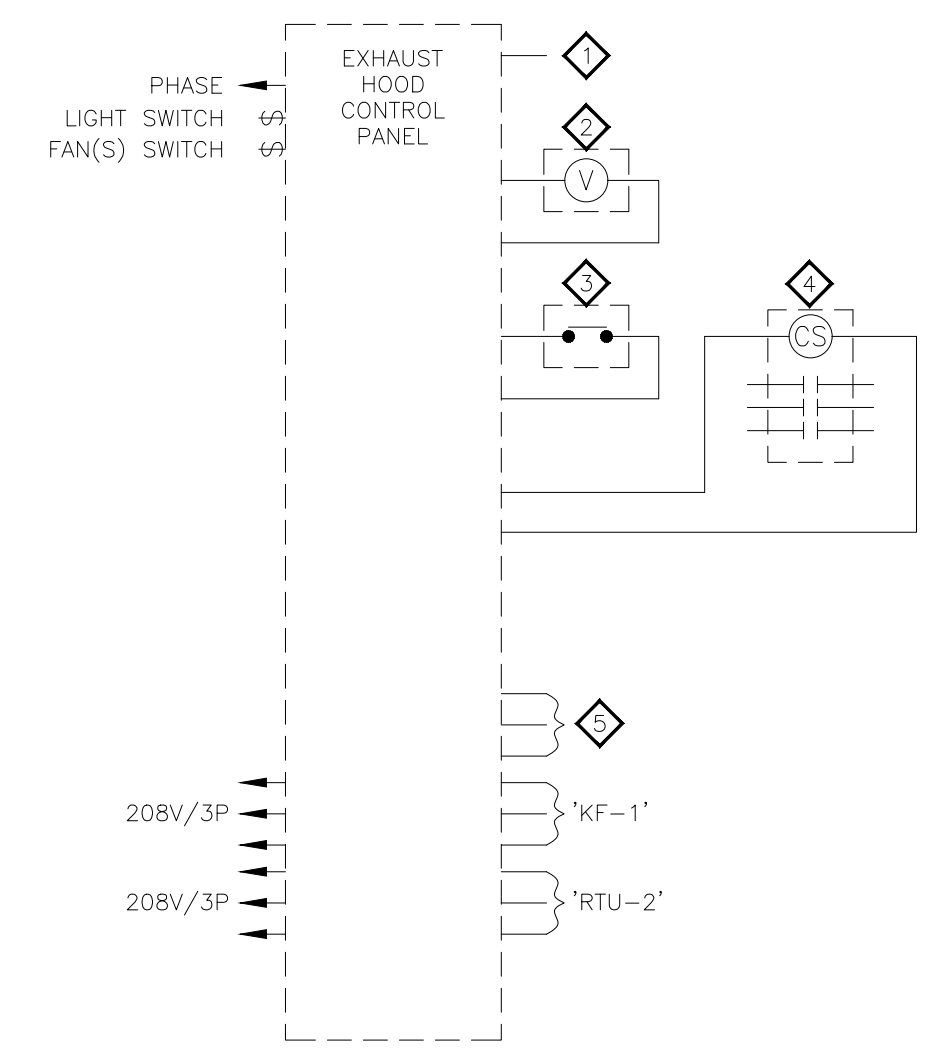
05 SERVICE ENTRANCE GROUNDING
NOT TO SCALE



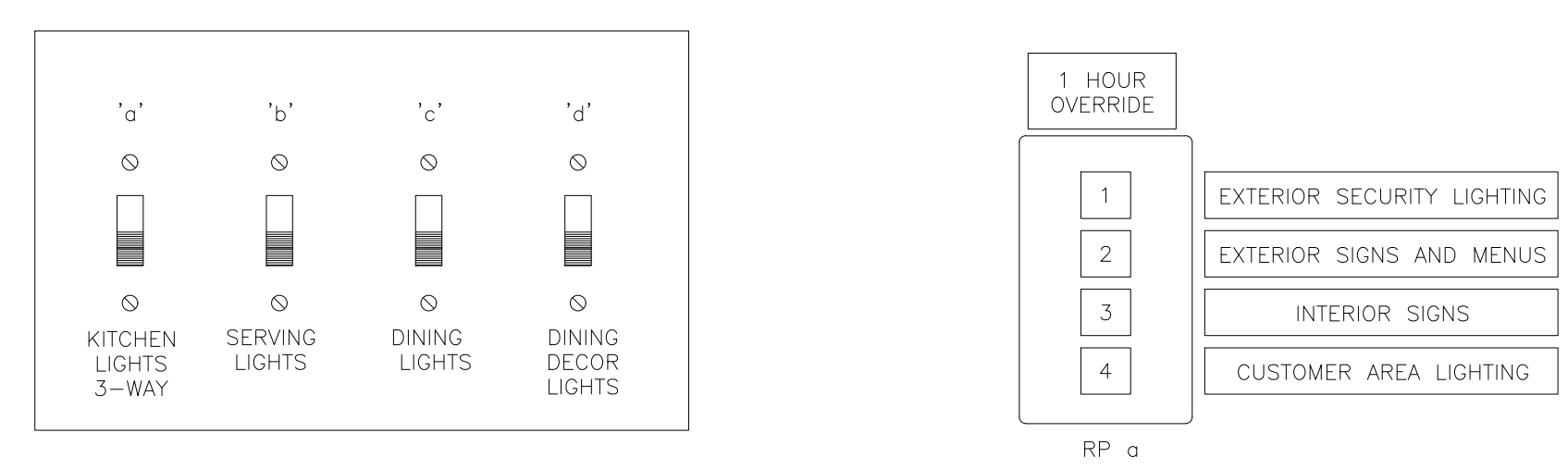
06 REMOTE HOOD FIRE PULL STATION
NOT TO SCALE




01 LIGHTING CONTROL DIAGRAM
NOT TO SCALE



02 EXHAUST HOOD SHUT-DOWN WIRING DIAGRAM (HCP)
NOT TO SCALE



03 SWITCH BANK DETAIL
NOT TO SCALE

| ISSUE TABLE | | |
|--|-----------------|---|
| No. | Date (mm/dd/yy) | Description |
| | | |
| | | |
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| | | |
| REVISIONS | | |
| No. | Date | Description |
| 1 | 8/01/2023 | RESPONSE TO CITY |
| 2 | 9/04/2023 | HEALTH COMMENTS |
| 3 | 9/12/2023 | RESPONSE TO CITY |
| DRAWINGS REVISED AS PER DESIGN BULLETIN | | |
| No. | Date | Description |
| | | |
| | | |
| | | |
|  PROJECT NORTH | | |
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| <small>THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".</small> | | |
|  9.13.2023 | | |
| <small>Company Logo</small>  <small>ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING 10755 SANDHILL ROAD, DALLAS, TEXAS 75238 TEL: 214-343-9400 www.dimensionsgp.com</small> | | |
| <small>Project</small>  POPEYES | | |
| <small>Store Type</small> US 2112 PROTOTYPE 2112-21 | | |
| <small>Location</small> 1517 NC 24-87 CAMERON, NC | | |
| <small>Drawing Title</small> ELECTRICAL DETAILS | | |
| <small>Drawn</small> JP | | <small>Checked</small> AH |
| <small>Scale</small> NOT TO SCALE | | <small>Date</small> JUNE 2023 |
| <small>Project No.</small> C22-129 | | <small>Drawing No.</small> E3.1 |

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

"MORNING ARRIVAL"

STEP 1

TURN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO 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 BUSINESS"

STEP 1

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

STEP 2

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.

"RESTAURANT CLOSE FOR BUSINESS"

STEP 1

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.

STEP 2

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

STEP 3

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 OFF AUTOMATICALLY.

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 POSITION.

"EMPLOYEES LEAVING THE BUILDING"

STEP 1

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.

"MANAGER/LAST PERSON LEAVING THE BUILDING"

STEP 1

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.

STEP 2

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 NOTE"

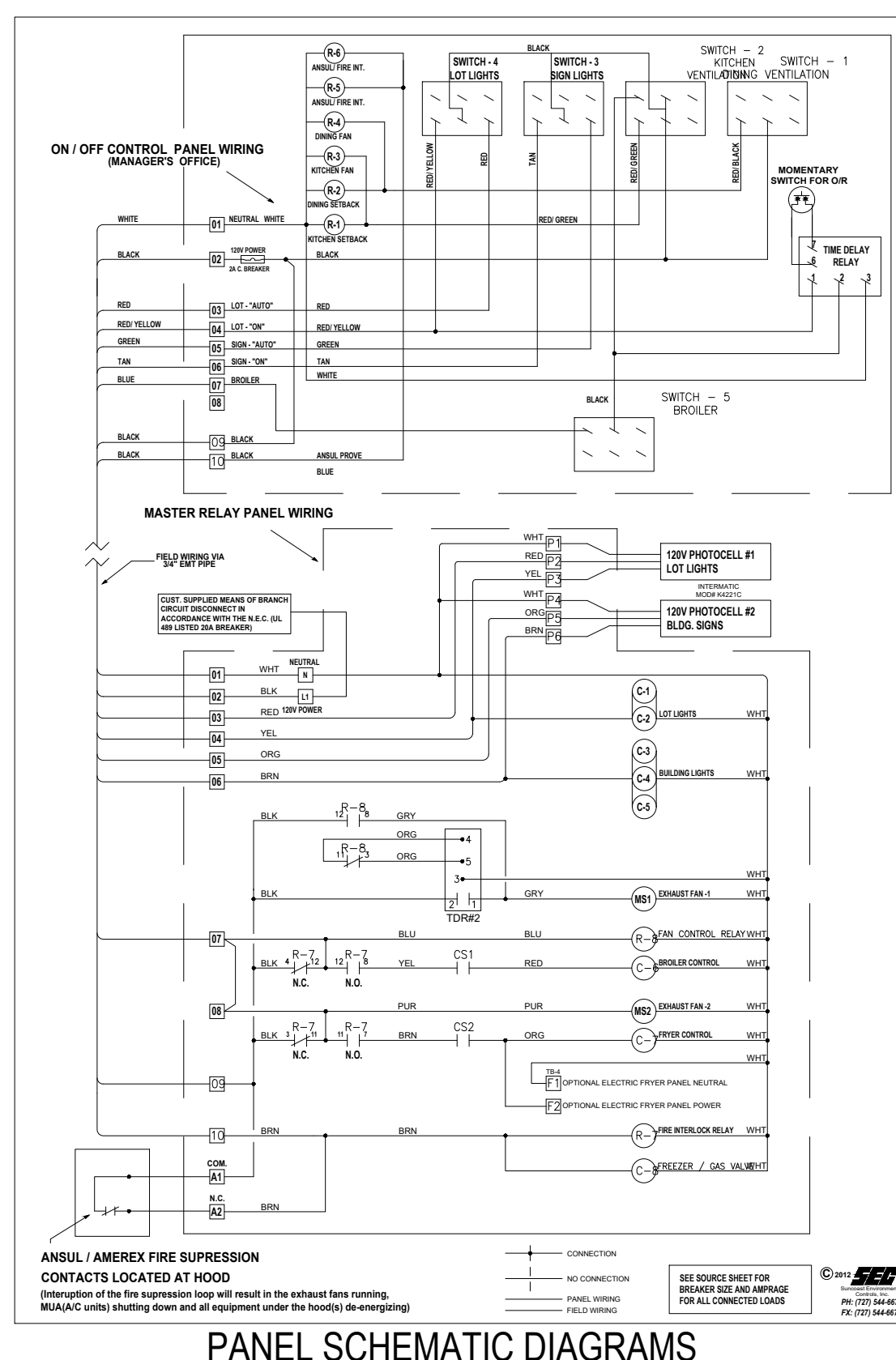
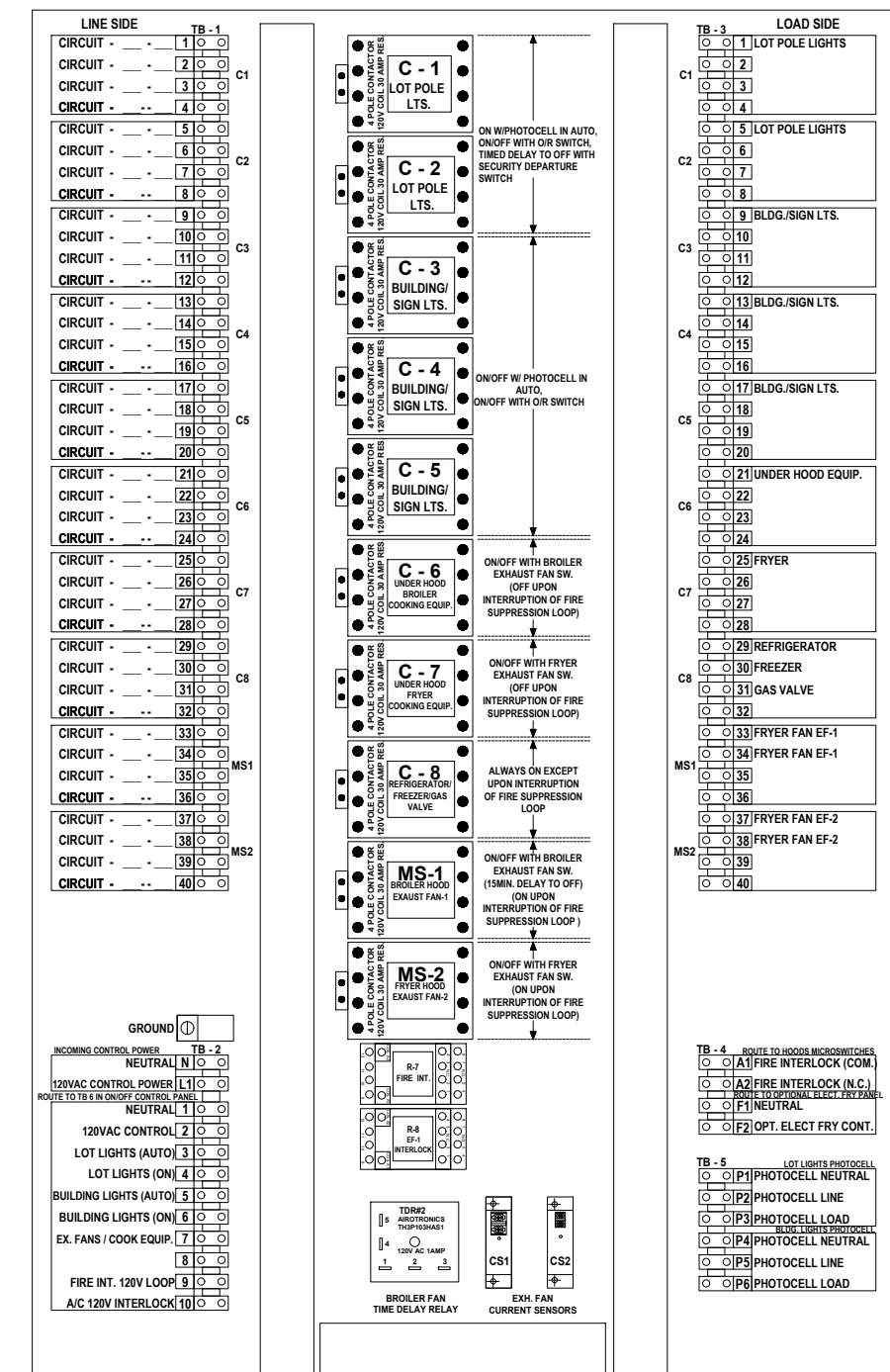
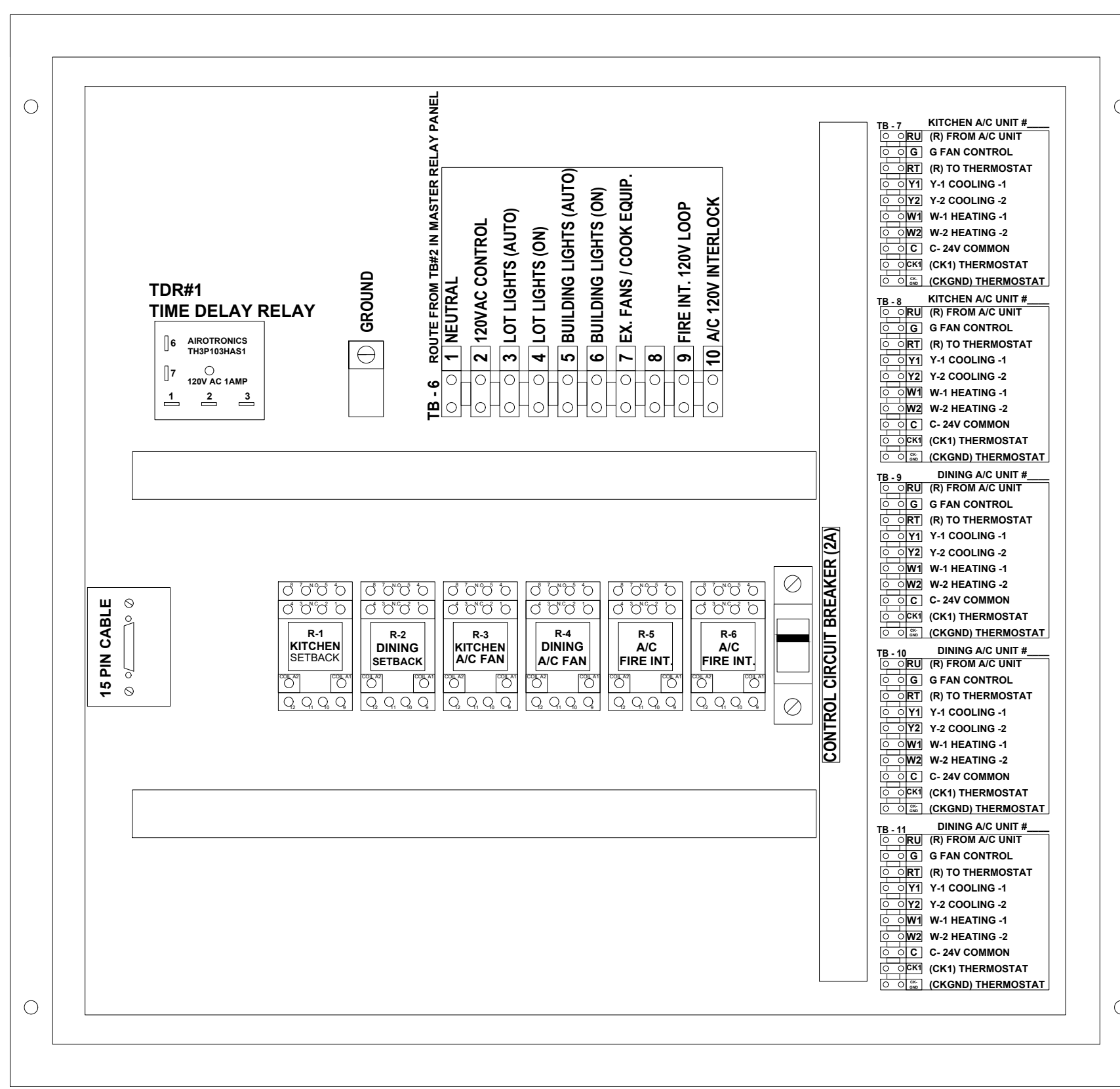
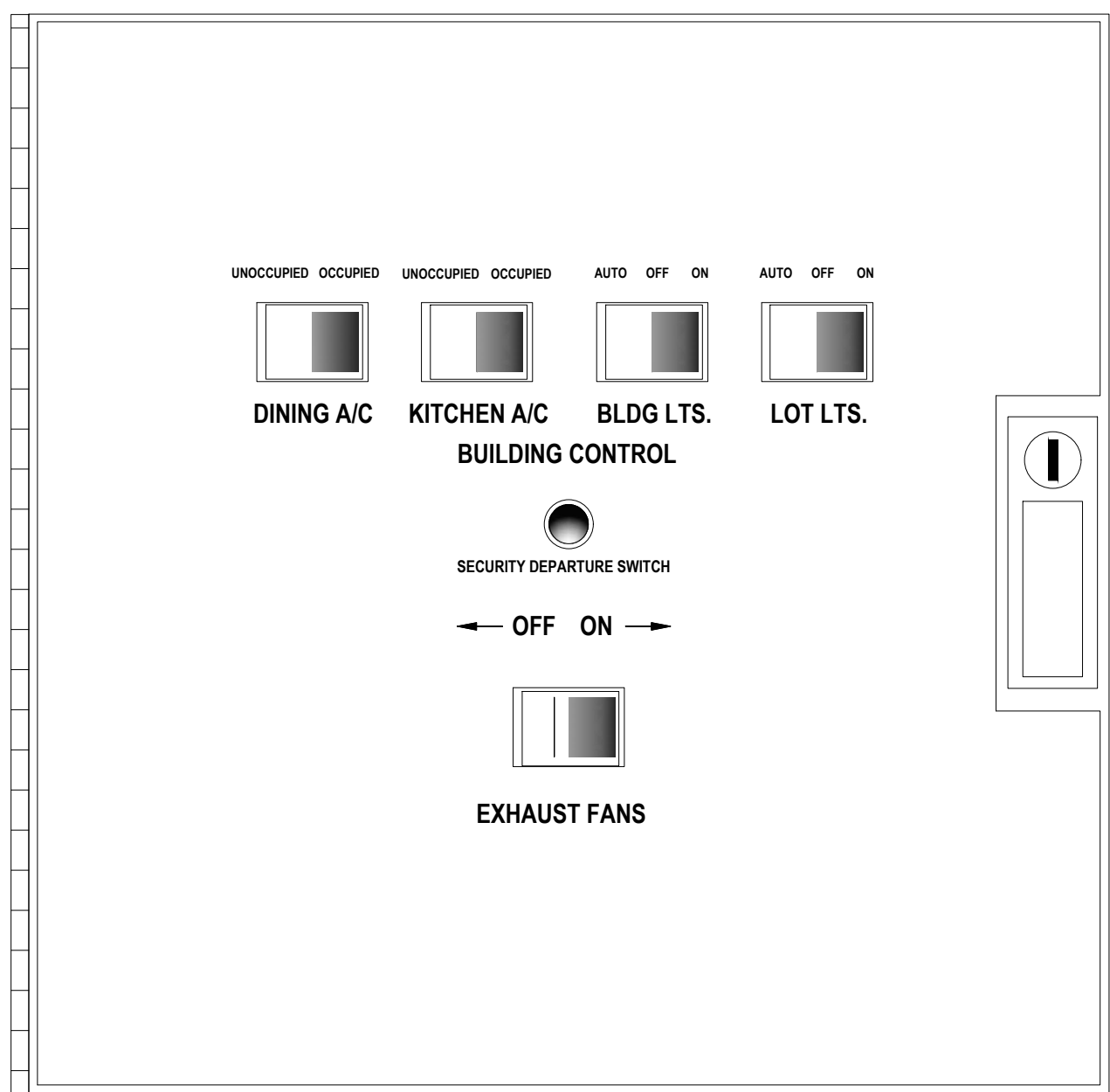
WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE (SUCH AS A BELT BREAKING) IT WILL DISABLE THE LINE VOLTAGE TO THE COOKING EQUIPMENT UNDER THE HOOD. THE EXHAUST FAN SWITCH SHOULD BE PLACED IN THE OFF POSITION AND THE FAN SHOULD BE CHECKED AND/OR REPAIRED BEFORE TURNING THE SWITCH TO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

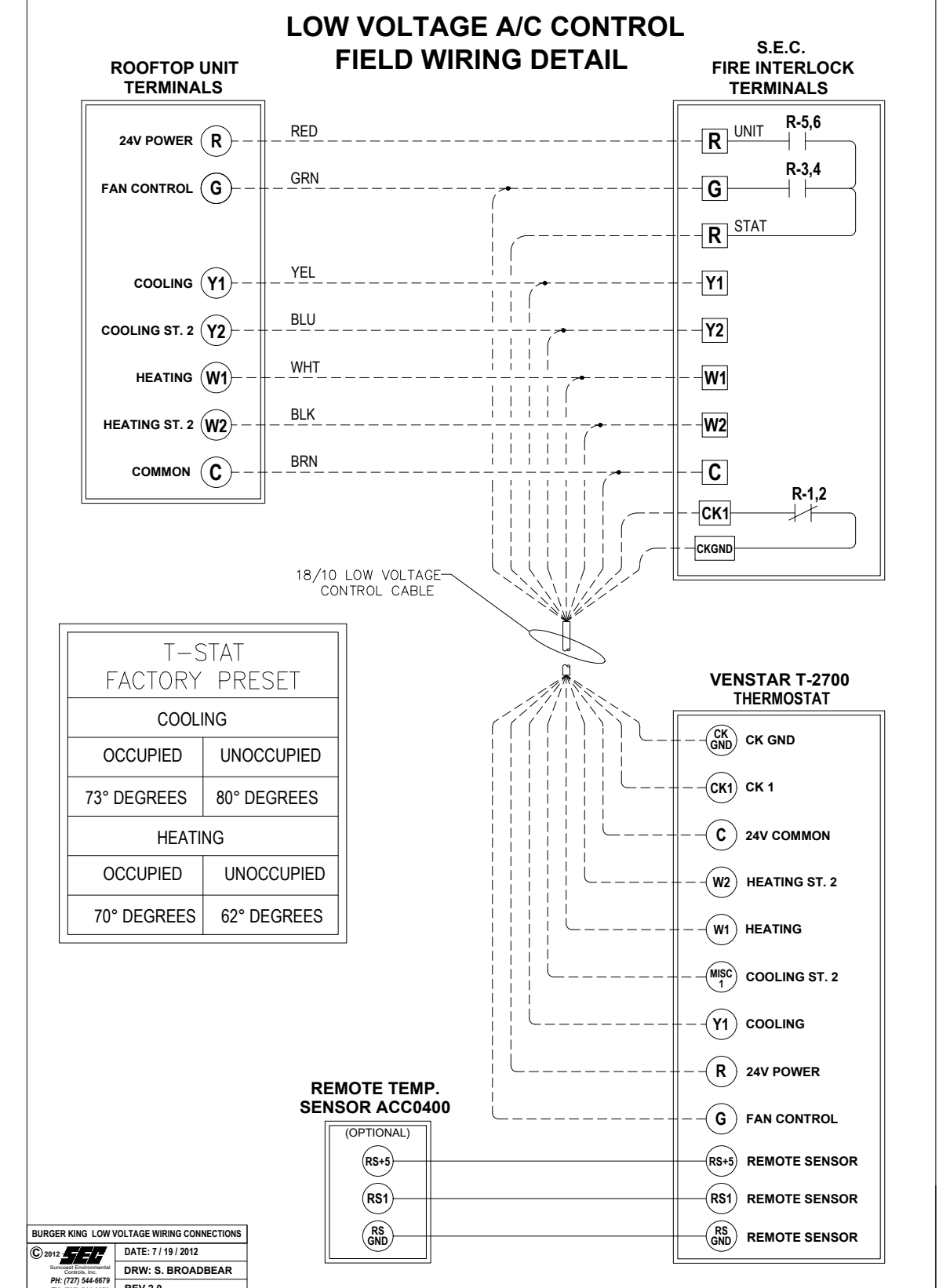
*NOTE: Current sensors are factory wired but must be field adjusted for proper operation. With the hood exhaust fans running, spin the potentiometer dials counter-clockwise until the status "OFF" green LED lights and cooking equipment contacts de-energize. Then turn dials back clockwise one full turn. If the current sensors are improperly adjusted, cooking equipment may not shut off should a hood 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 potentiometer dial clockwise until the status "ON" red LED lights.

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POPEYES SEQUENCE OF OPERATION

MANUAL CONTROL SYSTEM, HOOD VENTILATION SYSTEM, EXTERIOR LIGHTING CONTROL. Detailed operational instructions for various building systems.



ELECTRICAL CONTRACTOR NOTES: 1. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE 'UNOCCUPIED-OCCUPIED' PANEL. 2. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE 'UNOCCUPIED-OCCUPIED' PANEL TO THE THERMOSTAT LOCATION. 3. RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE NIGHT SETBACK THERMOSTAT LOCATION. 4. TERMINATION OF ALL 24 VOLT AIR CONDITIONING CONTROL WIRING SHALL BE DONE BY THE MECHANICAL CONTRACTOR. 5. ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR LOCATED IN THE BROILER HOOD EXHAUST FAN TO THE CONTACTOR PANEL LOCATED BY THE SWITCHGEAR.

HVAC INTERLOCK PANEL NFPA-96 COMPLIANT

ISSUE TABLE with columns for No., Date (mm/dd/yy), and Description.

REVISIONS table with columns for No., Date, and Description.

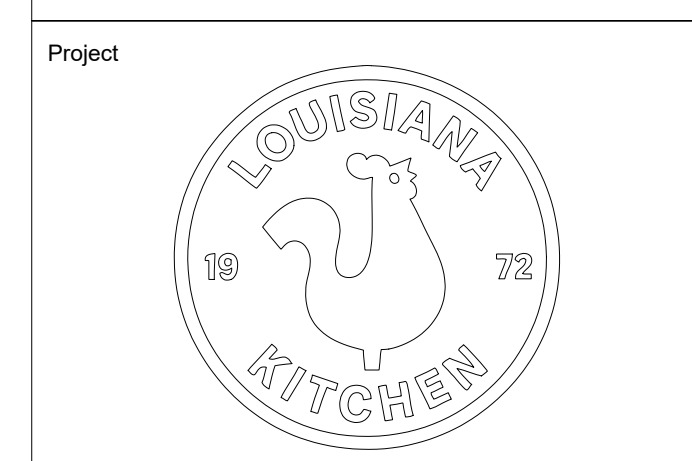
DRAWINGS REVISED AS PER DESIGN BULLETIN table with columns for No., Date, and Description.



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Company Logo for THE DIMENSION GROUP ARCHITECTURE-CIVIL ENGINEERING-MEP ENGINEERING, 10755 SANDHILL ROAD, DALLAS, TEXAS 75238. Includes Project Name: POPEYES.



Project Store Type: US 2112 PROTOTYPE 2112-21. Location: 1517 NC 24-87 CAMERON, NC. Drawing Title: ELECTRICAL DETAILS. Drawing No. E3.2.

COMcheck Software Version 4.1.5.5 Interior Lighting Compliance Certificate

Project Information: Energy Code: 2018 IECC, Project Title: Popeye's, Project Type: New Construction

Construction Site: 1517 NC 24-87, Owner/Agent: Cameron, NC, Designer/Contractor: The Dimension Group

Additional Efficiency Package(s) table with columns A (Area Category), B (Floor Area ft2), C (Allowed Watts / ft2), D (Allowed Watts (B X C)), and E (Total Allowed Watts)

Proposed Interior Lighting Power table with columns A (Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast), B (Lamps/Fixture), C (# of Fixtures), D (Fixture Watt), and E (C X D)

Interior Lighting PASSES: Design 65% better than code

Interior Lighting Compliance Statement: Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Jennifer Pfankuch - MEP Designer, Signature: Jennifer Pfankuch, Date: 25 May 2023

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 1 of 19

COMcheck Software Version 4.1.5.5 Exterior Lighting Compliance Certificate

Project Information: Energy Code: 2018 IECC, Project Title: Popeye's, Project Type: New Construction, Exterior Lighting Zone: 4 (High activity metropolitan commercial district (LZ4))

Construction Site: 1517 NC 24-87, Owner/Agent: Cameron, NC, Designer/Contractor: The Dimension Group

Allowed Exterior Lighting Power table with columns A (Area/Surface Category), B (Quantity), C (Allowed Watts / Unit), D (Tradable Wattage), and E (Allowed Watts (B X C))

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces. (b) A supplemental allowance equal to 900 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power table with columns A (Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast), B (Lamps/Fixture), C (# of Fixtures), D (Fixture Watt), and E (C X D)

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 2 of 19

Exterior Lighting PASSES: Design 33% better than code

Exterior Lighting Compliance Statement: Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Jennifer Pfankuch - MEP Designer, Signature: Jennifer Pfankuch, Date: 25 May 2023

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 3 of 19

COMcheck Software Version 4.1.5.5 Mechanical Compliance Certificate

Project Information: Energy Code: 2018 IECC, Project Title: Popeye's, Location: Cameron, North Carolina, Climate Zone: 4a, Project Type: New Construction

Construction Site: 1517 NC 24-87, Owner/Agent: Cameron, NC, Designer/Contractor: The Dimension Group

Additional Efficiency Package(s) table with columns A (System Type & Description), B (Quantity), C (Allowed Watts / Unit), D (Tradable Wattage), and E (Allowed Watts (B X C))

Proposed Mechanical Compliance table with columns A (System Type & Description), B (Quantity), C (Allowed Watts / Unit), D (Tradable Wattage), and E (Allowed Watts (B X C))

Mechanical Compliance Statement: Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Jennifer Pfankuch - MEP Designer, Signature: Jennifer Pfankuch, Date: 25 May 2023

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 4 of 19

COMcheck Software Version 4.1.5.5 Inspection Checklist

Requirements: 96.0% were addressed directly in the COMcheck software. Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen.

Inspection Checklist table with columns: Section # & Req.ID, Plan Review, Complies?, Comments/Assumptions

Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 5 of 19

Inspection Checklist table with columns: Section # & Req.ID, Footing / Foundation Inspection, Complies?, Comments/Assumptions

Additional Comments/Assumptions: Exception: Requirement does not apply.

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 7 of 19

Inspection Checklist table with columns: Section # & Req.ID, Plumbing Rough-In Inspection, Complies?, Comments/Assumptions

Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 8 of 19

Inspection Checklist table with columns: Section # & Req.ID, Mechanical Rough-In Inspection, Complies?, Comments/Assumptions

Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Popeye's, Data filename: C:\Good Sync Projects\Popeye's\C22-129 Cameron, NC\06 MEP\ComCheck\POPEYES.CAMERON, Page 10 of 19

ISSUE TABLE

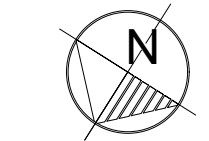
Issue Table with columns: No., Date (mm/dd/yy), Description

REVISIONS

Revisions table with columns: No., Date, Description

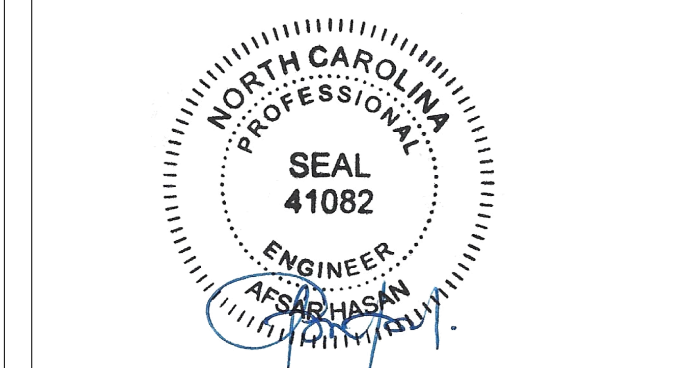
DRAWINGS REVISED AS PER DESIGN BULLETIN

Drawings Revised table with columns: No., Date, Description



PROJECT NORTH

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9.13.2023



Store Type: US 2112 PROTOTYPE 2112-21

Location: 1517 NC 24-87 CAMERON, NC

Drawing Title: ELECTRICAL ENERGY CALCS

Table with columns: Drawn (JP), Checked (AH), Scale (NOT TO SCALE), Date (JUNE 2023), Project No. (C22-129), Drawing No. (E4.1)

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129

- ELECTRICAL KEYNOTES**
- 1 PROVIDE (1) 3/4" PVC CONDUIT FOR POWER AND (1) 1/2" PVC CONDUIT FOR DATA TO OUTDOOR MENUBOARD.
 - 2 PROVIDE (1) 3/4" PVC CONDUIT FOR POWER AND (1) 1/2" PVC CONDUIT FOR DATA TO ORDER PEDESTAL AND DETECTOR LOOP.
 - 3 PROVIDE (1) 3/4" PVC CONDUIT FOR POWER AND (1) 1/2" PVC CONDUIT FOR DATA TO PRE ORDER MENUBOARD.
 - 4 PROVIDE POWER TO INDEPENDENT STANDING DRIVE THRU LIGHT POSTS. CONFIRM CONNECTION WITH LIGHT POST MANUFACTURER (ENTERA BRANDING).

ISSUE TABLE

| No. | Date (mm/dd/yy) | Description |
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REVISIONS

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

DRAWINGS REVISED AS PER DESIGN BULLETIN

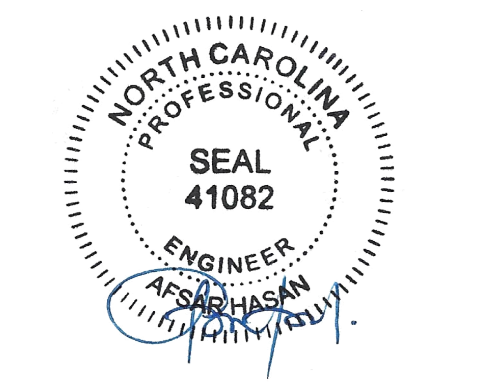
| No. | Date | Description |
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PROJECT NORTH

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9.13.2023

Company Logo

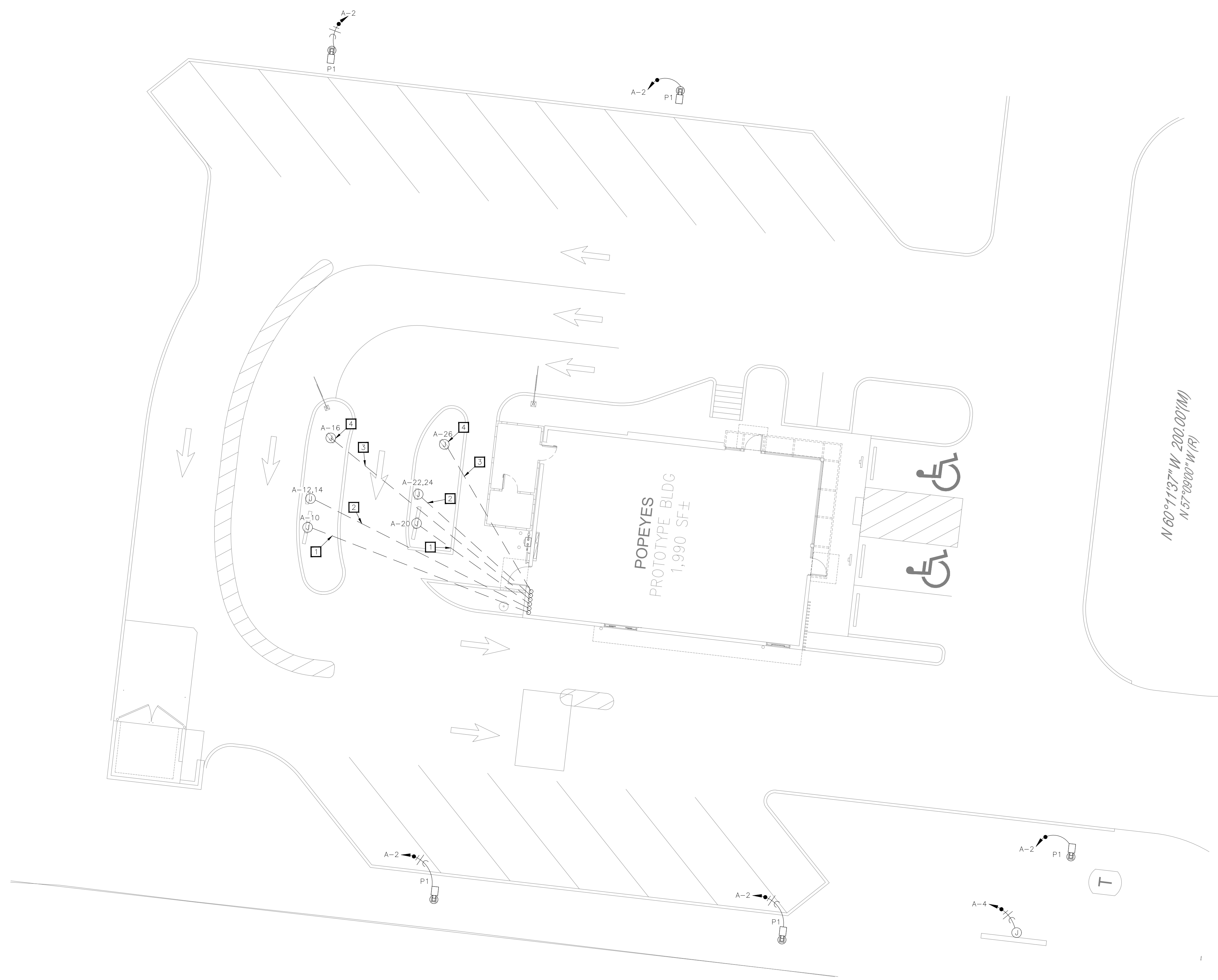
Project

Store Type
US 2112 PROTOTYPE
2112-21

Location
**1517 NC 24-87
CAMERON, NC**

Drawing Title
ELECTRICAL SITE PLAN

| | |
|------------------------|----------------------|
| Drawn JP | Checked AH |
| Scale 3/32"=1'-0" | Date JUNE 2023 |
| Project No. C22-129 | Drawing No. ES1.0 |



01 ELECTRICAL SITE PLAN
3/32"=1'-0"

POPEYES LOUISIANA KITCHEN MODEL 2112, 1517 NC 24-87, CAMERON, NC (JUNE 01, 2023) STORE NO. C22-129