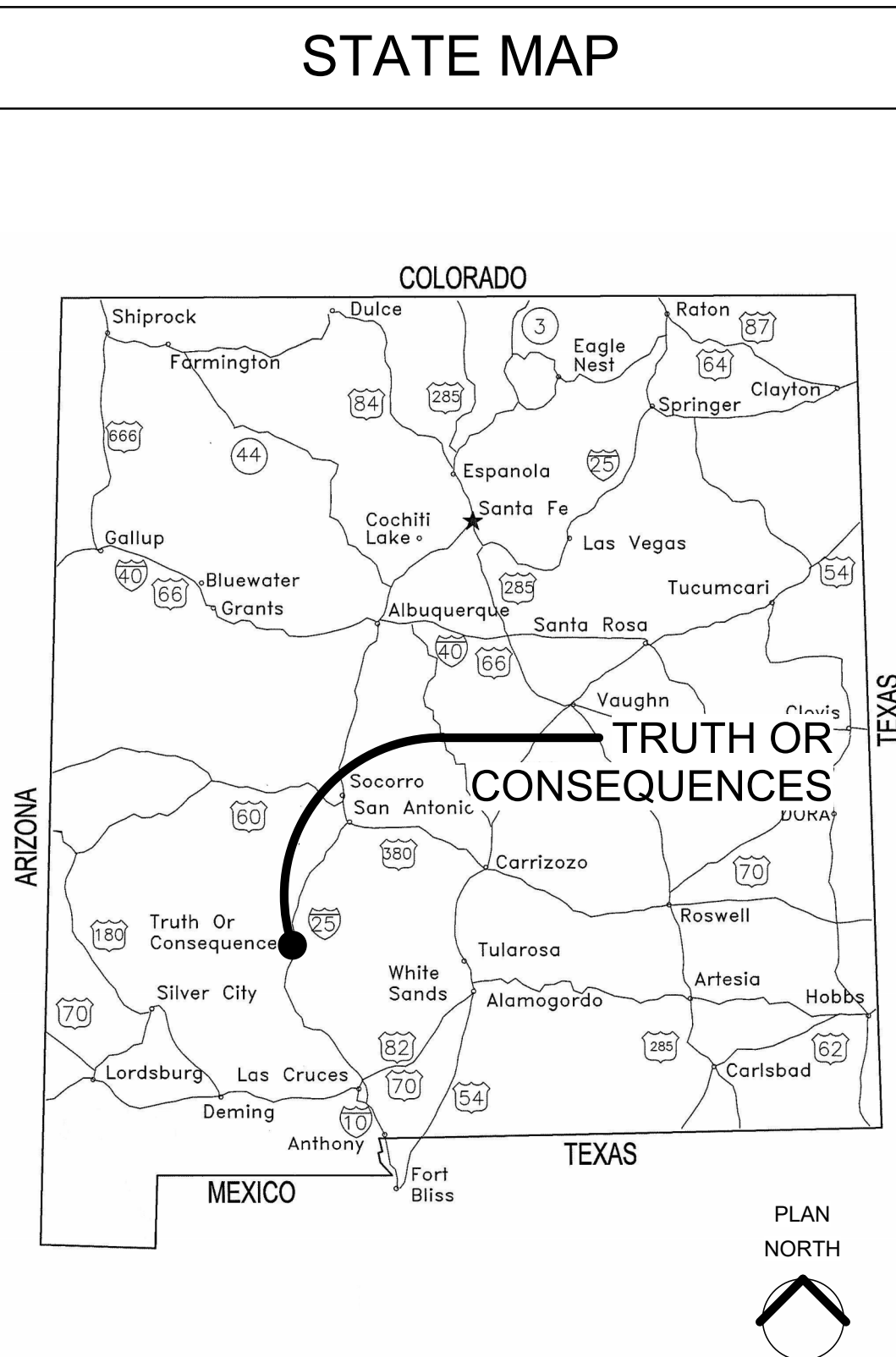
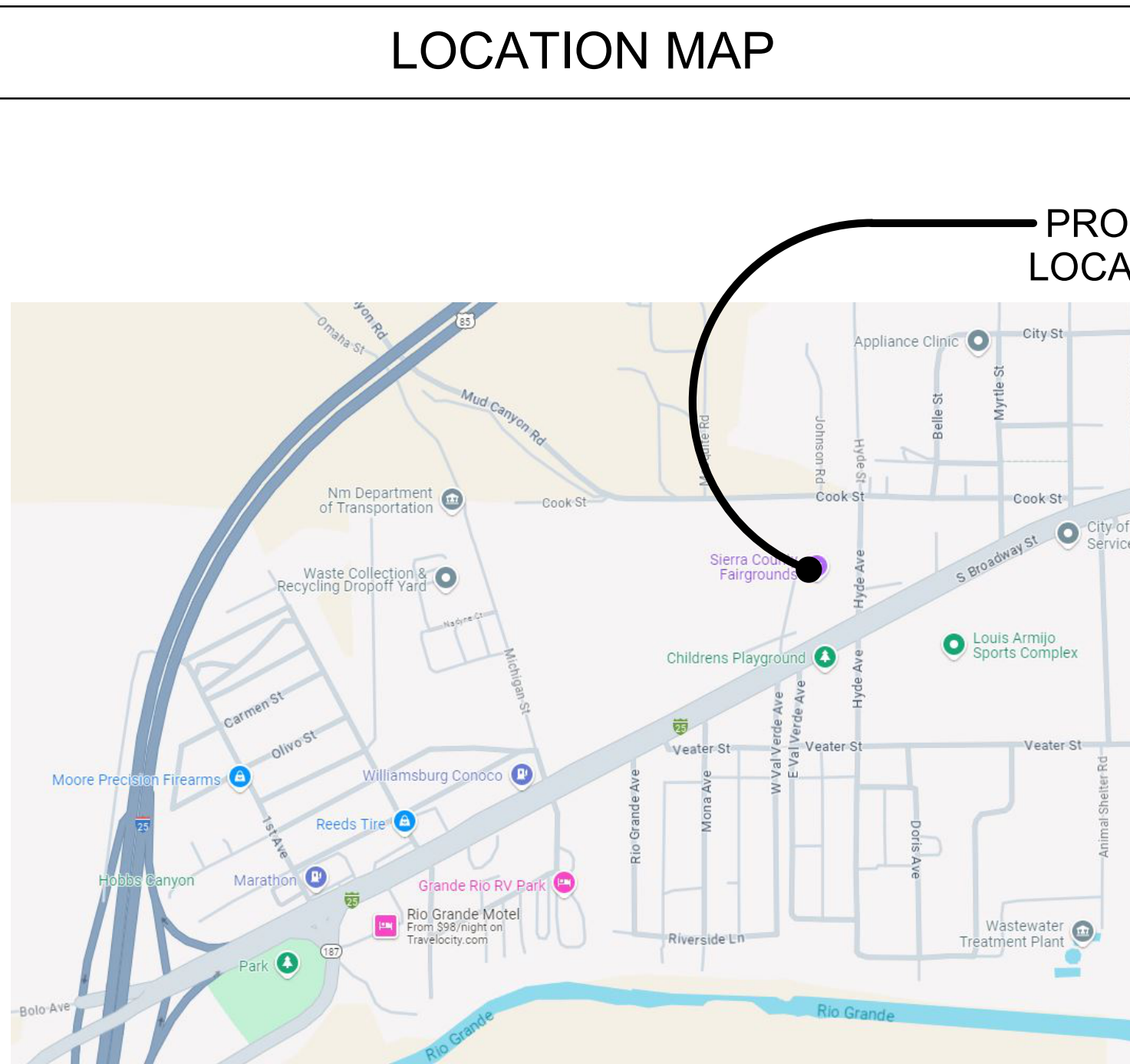
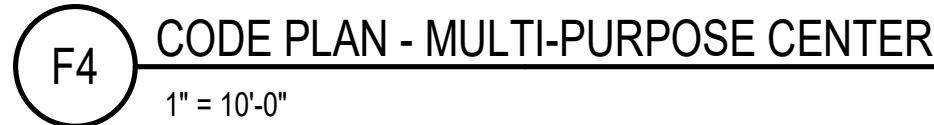


OCTOBER 21, 2024



| | | | |
|------------|--|--|--|
| SHEET LIST | | GENERAL SHEET NOTES | |
| G-001 | COVER SHEET | 1. PHOTOGRAPHIC IMAGE OF PROJECT LOCATION ON THIS SHEET IS FOR GENERAL INFORMATION ONLY AND MAY NOT ACCURATELY REPRESENT CURRENT CONDITIONS. 2. ABBREVIATIONS: REFERENCED FROM THE CONSTRUCTION SPECIFICATION INSTITUTE'S UNIFORM DRAWING SYSTEM TERMS AND ABBREVIATIONS MODULE. | |
| G-002 | REGULATORY INFORMATION | | |
| C-100 | HORIZONTAL CONTROL | OWNER | |
| C-101 | GRADING PLAN | | |
| C-102 | GRADING PLAN | COUNTY OF SIERRA 1712 NORTH DATE, SUITE-D TRUTH OR CONSEQUENCES, NEW MEXICO 87901 +1.575.894.6215 CONTACT : AMBER VAUGHN | |
| C-103 | STORM DRAIN PLAN AND PROFILE | | |
| C-201 | SEWER SERVICE LINE PLAN & PROFILE | ARCHITECT | |
| C-202 | SEWER SERVICE LINE PLAN & PROFILE | | |
| C-501 | UTILITY DETAILS | WILSON & COMPANY 3801B CONSTITUTION DRIVE, SUITE 300 EL PASO, TEXAS 79922 +1.915.298.8519 CONTACT : LOUIS EDWARDS | |
| C-901 | MISC. | | |
| C-902 | MISC. | CONSULTANTS / ENGINEERS | |
| C-903 | MISC. | | |
| C-904 | MISC. | WILSON & COMPANY, INC. WATER & WASTEWATER 414 NORTH MAIN STREET, UNIT-A LAS CRUCES, NEW MEXICO 88001 +1.575.527.9257 CONTACT : ALFREDO HOLGUIN | |
| C-905 | MISC. | | |
| C-906 | MISC. | WILSON & COMPANY, INC. STRUCTURAL 4401 MASTHEAD STREET NE, SUITE 150 ALBUQUERQUE, NEW MEXICO 87109 +1.505.348.4000 CONTACT : SERGIO ACOSTA | |
| S001 | GENERAL NOTES | | |
| S002 | TYPICAL CONCRETE NOTES AND DETAILS | WILSON & COMPANY, INC. M/E/P 4401 MASTHEAD STREET NE, SUITE 150 ALBUQUERQUE, NEW MEXICO 87109 +1.505.348.4000 CONTACT : MARK WENTZEL | |
| S101 | MULTI-PURPOSE FACILITY FOUNDATION PLAN | | |
| S102 | EVENT BARN ADDITION FOUNDATION PLAN | LANDMARK KITCHEN DESIGN, LLC. KITCHEN 1940 WEST CHANDLER BLVD. CHANDLER, ARIZONA 85224 +1.602.443.0344 x 10 CONTACT : SEAN KELLENBARGER | |
| S103 | PAVILION SHADE STRUCTURE PLAN & DETAILS | | |
| S501 | FOUNDATION DETAILS | SHEET LIST, CONT. | |
| AD101 | SITE DEMOLITION PLAN | | |
| AD101V | EVENT BARN DEMOLITION PLAN | P-001 PLUMBING GENERAL NOTES & LEGENDS P-101V PLUMBING WASTE & VENT PLAN - EVENT BARN P-101W PLUMBING WASTE & VENT PLAN - MULTIPURPOSE FACILITY P-102V PLUMBING DOMESTIC WATER PLAN - EVENT BARN P-102W PLUMBING DOMESTIC WATER PLAN - MULTIPURPOSE FACILITY P-401 ENLARGED PLUMBING PLAN P-501 PLUMBIND DETAILS P-601 PLUMBING SCHEDULES PD-101 PLUMBING DEMOLITION PLAN M-001 MECHANICAL GENERAL NOTES & LEGENDS M-101V MECHANICAL HVAC PLAN - EVENT BARN M-101W MECHANICAL HVAC PLAN - MULTIPURPOSE FACILITY M-501 MECHANICAL DETAILS M-601 MECHANICAL SCHEDULES MD-101 MECHANICAL DEMOLITION PLAN E-001 ELECTRICAL GENERAL NOTES & LEGENDS E-101V ELECTRICAL LIGHTING PLAN - EVENT BARN E-101W ELECTRICAL LIGHTING PLAN - MULTIPURPOSE FACILITY E-102V ELECTRICAL POWER PLAN - EVENT BARN E-102W ELECTRICAL POWER PLAN - MULTIPURPOSE FACILITY E-401 ENLARGED ELECTRICAL PLAN E-501 ELECTRICAL DETAILS E-601 ELECTRICAL SCHEDULES AND DIAGRAMS E-602 ELECTRICAL SCHEDULES ED-101 ELECTRICAL DEMOLITION PLAN ES-101 ELECTRICAL SITE PLAN | |
| AS101 | ARCH. SITE PLAN | | |
| A-101N | MULTI PURPOSE CENTER FLOOR PLAN | PROJECT NAME: COUNTY OF SIERRA FAIRGROUNDS IMPROVEMENTS | |
| A-101V | EVENT BARN FLOOR PLAN | | |
| A-111V | ENLARGED PLAN - KITCHEN - EVENT BARN | PROJECT NO: 22-600-157-02 | |
| A-112V | ENLARGED PLAN - RESTROOM - EVENT BARN | | |
| A-121N | REFLECTED CEILING PLAN - MULTI PURPOSE CENTER | DRAWN BY LAE | |
| A-121V | REFLECTED CEILING PLAN - EVENT BARN | | |
| A-122V | REFLECTED CEILING PLAN - KITCHEN / RESTROOM | CHECKED BY BB | |
| A-131N | ROOF PLAN - MULTI PURPOSE CENTER | | |
| A-131V | ROOF PLAN - EVENT BARN | SHEET TITLE COVER SHEET | |
| A-201N | EXTERIOR ELEVATIONS - MULTI PURPOSE CENTER | | |
| A-201V | EXTERIOR ELEVATIONS - EVENT BARN | G-001 | |
| A-201V | PAVILION SHADE ADDITION | | |
| A-301N | BUILDING SECTION - MULTI PURPOSE CENTER | 100% IFR DESCRIPTION | |
| A-301V | BUILDING SECTIONS - EVENT BARN | | |
| A-401V | WALL SECTIONS | 10/21/2024 DATE | |
| A-601 | DOOR AND WINDOWS SCHEDULES & DETAILS | | |
| A-603 | PARTITION SCHEDULE AND DETAILS | MARK | |
| Q-101 | FOODSERVICE EQUIPMENT FLOOR PLAN & SCHEDULE | | |
| Q-201 | FOODSERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN | - | |
| Q-301 | FOODSERVICE EQUIPMENT PLUMBING ROUGH-IN PLAN | | |
| Q-401 | EQUIPMENT MECHANICAL AND SPECIAL CONDITIONS PLAN | - | |
| Q-402 | FOODSERVICE EXHAUST HOODS DRAWINGS | | |
| Q-403 | FOODSERVICE EXHAUST HOODS DRAWINGS | - | |
| Q-404 | FOODSERVICE EXHAUST HOODS DRAWINGS | | |
| Q-405 | FOODSERVICE EXHAUST HOODS DRAWINGS | - | |
| Q-501 | FOODSERVICE EQUIPMENT ELEVATIONS | | |
| Q-601 | FOODSERVICE GENERAL NOTES | - | |
| | | | |



1. GENERAL:

PROJECT ADDRESS: 2953 SOUTH BROADWAY
TRUTH OR CONSEQUENCES, NEW MEXICO 87901

GOVERNING REGULATIONS:

- 2021 NM COMMERCIAL BUILDING CODE (2021 IBC, AS AMENDED)
- 2021 NM INTERNATIONAL EXISTING BUILDING CODE (2021 IIBC, AS AMENDED)
- 2021 NM PLUMBING CODE (2021 UNIFORM PLUMBING CODE, AS AMENDED)
- 2021 NM MECHANICAL CODE (2021 UNIFORM MECHANICAL CODE, AS AMENDED)
- 2020 NM ELECTRICAL CODE (2020 NEC, AS AMENDED)
- 2018 NM ENERGY CONSERVATION CODE (2018 INTERNATIONAL ENERGY CONSERVATION CODE, AS AMENDED)
- 2021 INTERNATIONAL FIRE CODE
- ICC A117.1-2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

| | |
|---|--|
| <u>EVENT BARN</u> | |
| OCCUPANCY GROUP: | GROUP 'A-4' (SECTION 311) |
| CONSTRUCTION TYPE: | 2-B (TABLES 601 AND 602, SECTION 602.5) |
| ALLOWABLE BUILDING AREA: AREA W/ FRONTAGE INCREASE | 9,500-SF (SECTION 202, TABLE 506.2) 13,300-SF (506.3.3) |
| ACTUAL BUILDING AREA: | 10,900-SF (AFFECTED PORTION) |
| ALLOWABLE BUILDING HEIGHT: ACTUAL BUILDING HEIGHT: | 55-FEET (TABLE 504.3) 14-FEET (+/-) |
| PORTABLE FIRE EXTINGUISHERS: | REQUIRED (SECTION 906.1, IBC) |
| AUTOMATIC SPRINKLER SYSTEM: | NOT REQUIRED FOR EVENT BARN (CHAP. 7, IBC) NOT REQUIRED FOR KITCHEN/RESTROOM ADDITION |
| <u>MULTI-PURPOSE EVENT CENTER</u> | |
| OCCUPANCY GROUP: | GROUP 'A-4' (SECTION 312) |
| CONSTRUCTION TYPE: | 2-B (TABLES 601 & 602, SECTION 602.5) |
| ALLOWABLE BUILDING AREA: ACTUAL BUILDING AREA: | 9,500-SF (SECTION 202, TABLE 506.2) 5,750-SF |
| ALLOWABLE BUILDING HEIGHT: ACTUAL BUILDING HEIGHT: | 55-FEET (TABLE 504.3) 14-FEET |
| PORTABLE FIRE EXTINGUISHERS: | REQUIRED (SECTION 906.1, IBC) |
| AUTOMATIC SPRINKLER SYSTEM: | NOT REQUIRED (SECTION 903, IBC) |

3. LIFE SAFETY EGRESS:

EVENT BARN

ACTUAL OCCUPANT LOAD: 272 OCCUPANTS (TABLE 1004.5, IBC)

EVENT BARN (1/30) : 265-OCC.

STORAGE (1/300) : 3-OCC.

KITCHEN (1/200) : 4-OCC.

EXITS REQUIRED: 55-INCHES - 4 EXITS
EXITS PROVIDED: 176-INCHES - 4 EXITS

MULTI-PURPOSE CENTER FACILITY
 ACTUAL OCCUPANT LOAD: 192 OCCUPANTS (1/30, TABLE 1004.5, IBC)
 EXITS REQUIRED: 39-INCHES - 1 EXIT
 EXITS PROVIDED: 128-INCHES - 4 EXITS

4. FIRE PROTECTION-PASSIVE:

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS
BASED ON FIRE SEPERATION
DISTANCE: > 30 FEET, 0 HOURS (TABLE 705.5, IBC)

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY:
ROOMS AND ENCLOSED SPACES: NO RESTRICTIONS (TABLE 803.13, IBC)

5. ENERGY

EVENT BARN (KITCHEN & RESTROOM PORTION ONLY)
CLIMATE ZONE : 3-B

ROOF R-19 + R-11 LS
WALL R-13 + R-6.5ci

MULTI-PURPOSE CENTER FACILITY
BUILDING THERMAL ENVELOPE: EXEMPT; BUILDING DOES NOT CONTAIN
CONDITIONED SPACE (SECTION R402.1.1, IECC)

6. PLUMBING FIXTURE COUNT

TOTAL OCCUPANT LOAD: 464-OCCUPANTS

| REQUIRED FIXTURES, MIN. | | PROVIDED |
|-------------------------|----|----------|
| WATER CLOSETS | 12 | 12 |
| LAVATORIES | 6 | 6 |
| WATER FOUNTAINS | 2 | 2 |
| JANITOR SINK | 1 | 1 |

| SYMBOL/ABBREVIATION: | DESCRIPTION | SPECIFICATION | | | | |
|---|---|---------------|----------|-----------|-------------------------------------|--|
| SECTION | | | | | | |
| PH | PANIC HARDWARE | 08 7100 | | | | |
| NL | NO LATCH OR LOCK (PUSH/PULL) | 08 7100 | | | | |
| --- | PATH OF EGRESS | | | | | |
|  | REQUIRED EGRESS WIDTH | | | | | |
|  | ACCUMULATED OCCUPANT LOAD IN DIRECTION OF EGRESS | | | | | |
| <table border="1"> <tr> <td>RM #</td> </tr> <tr> <td>RM SF</td> </tr> <tr> <td>OCC LOAD</td> </tr> <tr> <td>SF FACTOR</td> </tr> </table> | RM # | RM SF | OCC LOAD | SF FACTOR | INDIVIDUAL ROOM CODE INFORMATION | |
| RM # | | | | | | |
| RM SF | | | | | | |
| OCC LOAD | | | | | | |
| SF FACTOR | | | | | | |

CONSULTANTS



T NAME: COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

[illegible]

| | |
|-------------|---------------|
| PROJECT NO: | 22-600-157-02 |
|-------------|---------------|

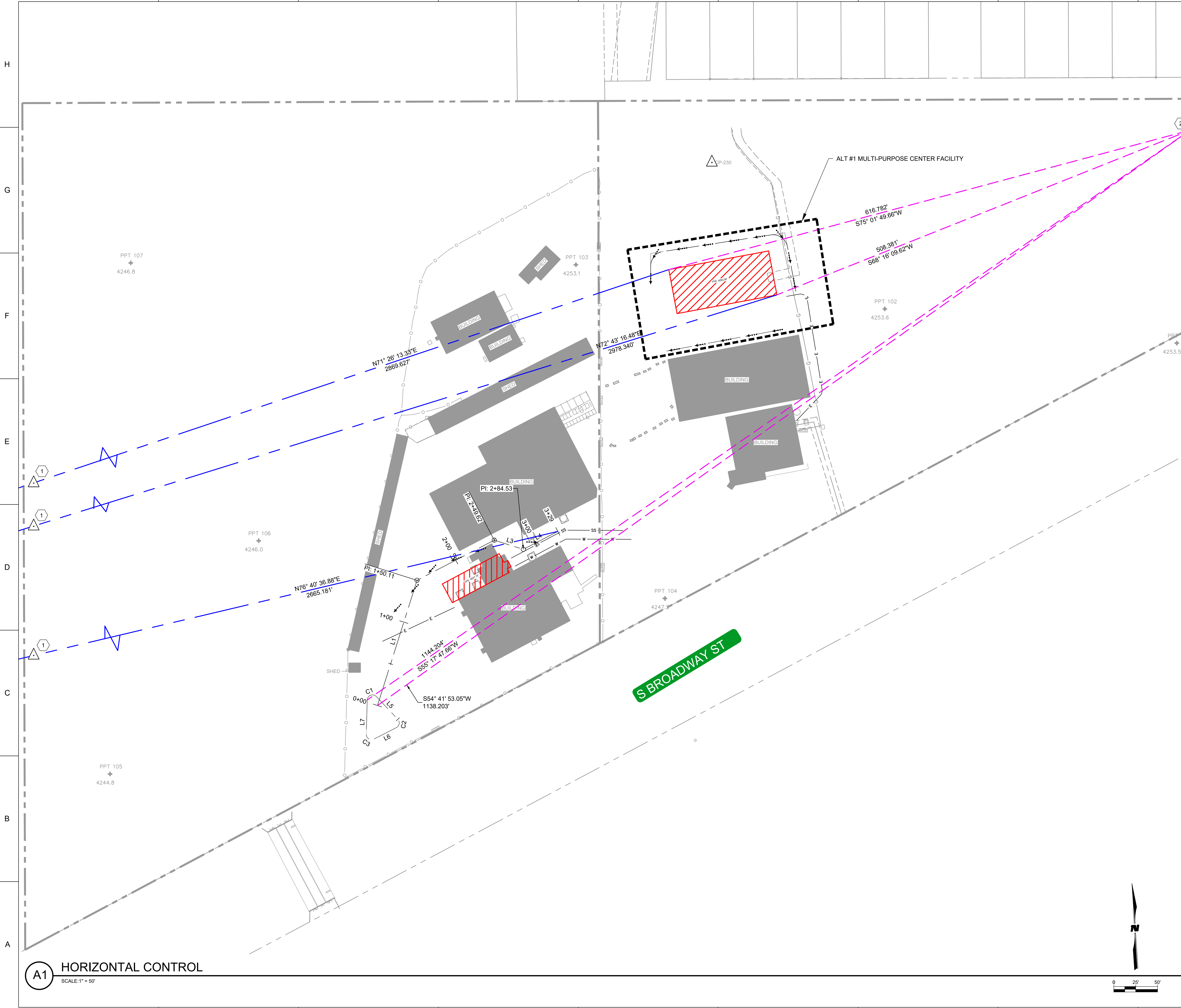
DRAWN BY LAE

CHECKED BY BE

SHEET TITLE
REGULATORY
INFORMATION

G-002

M:\MSD\22-600-157-02\2_DISCIPLINES\ SHEETS\2_SHEETS - CIVIL\22615702_HCDWG 9/25/2024 2:35 PM



GENERAL NOTES

1. DTM AND PLANIMETRY COMPILED BY A COMBINATION OF AERIAL PHOTOGRAMMETRIC MAPPING AND CORRELATED SURFACE MODEL. AERIAL PHOTOGRAPHY WAS ACQUIRED WITH A DJI PHANTOM 4 RTK AND ONE INCH, 20-MEGAPIXEL CMOS SENSOR ON 5/16/23 AT 180FT ABOVE MEAN TERRAIN WITH A NOMINAL GROUND SAMPLE DISTANCE OF 0.47 FEET (2.47cm).

2. FIELD SURVEY OF GROUND CONTROL MAY 2023.

3. HORIZONTAL DATUM: NORTH AMERICAN DATUM 83
VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 88
COORDINATE SYSTEM: BASED ON NEW MEXICO STATE PLANE WEST
GEOID: 2018
UNITS: US FEET

4. DTM DATA WILL MEET 1990 ASPRS TOPOGRAPHIC ELEVATION ACCURACY FOR CONTOUR INTERVAL 1, CLASS 1 PLANIMETRIC AND ORTHOPHO DATA WILL MEET ASPRS PLANIMETRIC FEATURE COORDINATE ACCURACY FOR TARGET MAP SCALE 1" = 50' CLASS 1; FOR WELL-DEFINED POINTS WHEN COMPARED TO THE GROUND CONTROL USED FOR THE PHOTOGRAMMETRIC MAPPING AND SURFACE MODEL.

KEYNOTES

1. CP-206
N=770971.026
E=2888019.910
EL=4237.894
DESC=BAR w/CAP

2. CP-231
N=772043.880
E=2891336.093
EL=4261.514
DESC=BAR w/CAP

STORM DRAIN ALI

| NUMBER | LENGTH | DIRECTION | RADIUS | DELTA |
|--------|---------|------------------|--------|-------|
| L1 | 150.11' | N17° 31' 08.34"E | | |
| L2 | 99.51' | N62° 31' 08.34"E | | |
| L3 | 34.91' | S72° 28' 51.66"E | | |
| L4 | 44.43' | N62° 31' 08.34"E | | |

PROP POND BOTTOM

| NUMBER | LENGTH | DIRECTION | RADIUS | DELTA |
|--------|--------|------------------|--------|-------|
| C1 | 14.14' | N69° 02' 54.81"E | 6.00' | 2.36 |
| L5 | 35.86' | S43° 26' 59.57"E | | |
| C2 | 11.13' | S9° 41' 10.83"W | 6.00' | 1.85 |
| L6 | 28.92' | S62° 49' 21.22"W | | |
| C3 | 12.31' | N58° 22' 51.96"W | 6.00' | 2.05 |
| L7 | 39.38' | N1° 32' 49.19"E | | |

LEGEND

CONTROL POINT

TIES TO CONTROL POINT CP-206

TIES TO CONTROL POINT CP-231

PROPERTY LINE

A1

HORIZONTAL CONTROL

SCALE: 1" = 50'

WILSON & COMPANY

4401 MASTHEAD STREET NE
SUITE 150
ALBUQUERQUE, NM 87109
PHONE: (505) 348-4000

CONSULTANTS

SEAL 09/25/2024

PROJECT NAME:

SIERRA COUNTY FAIRGROUNDS
EVENT BARN ADDITION &
MULTI-PURPOSE
CENTER FACILITY

PROJECT NO:

22-600-157-02

DRAWN BY

JDH

CHECKED BY

EH

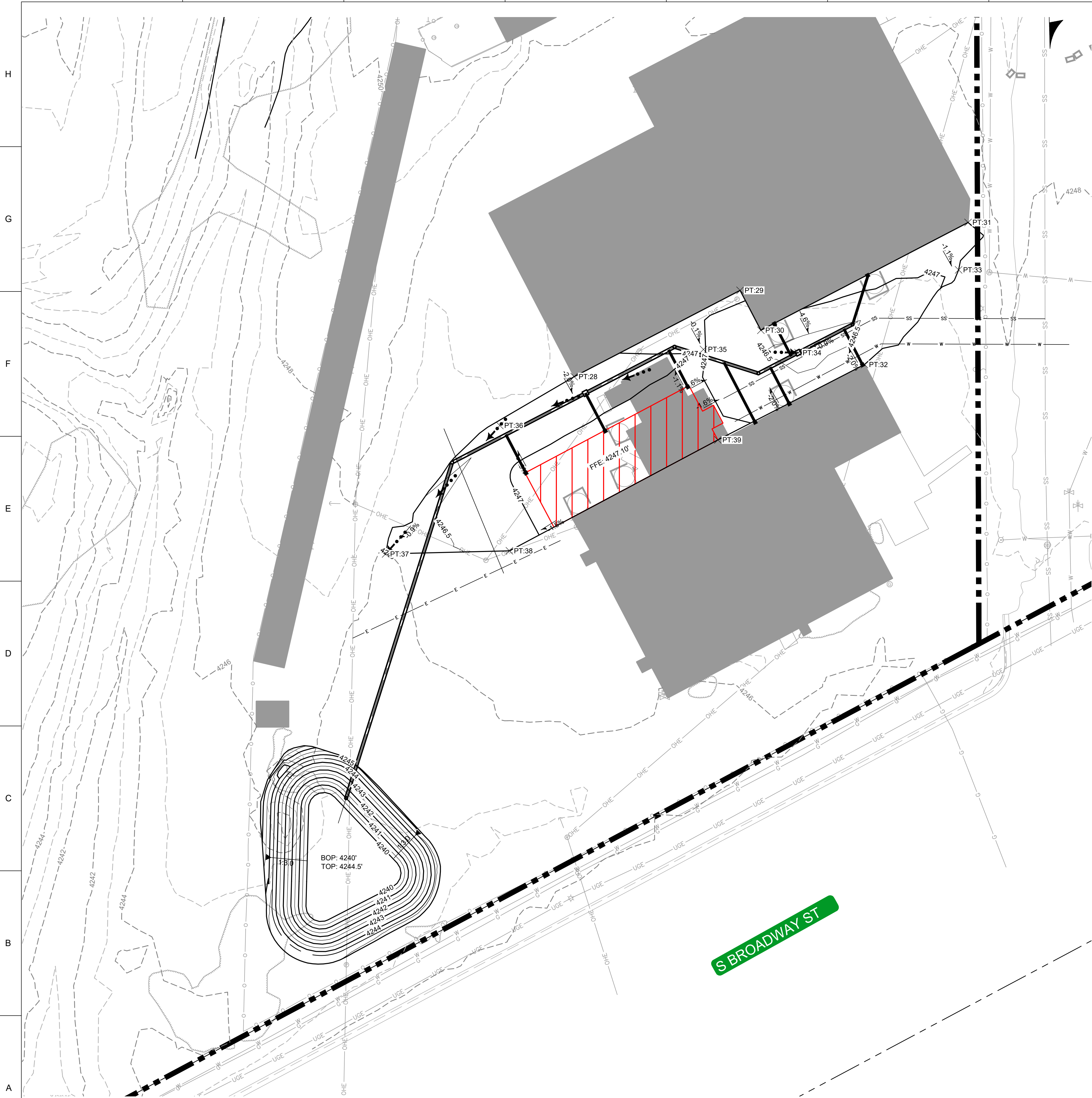
SHEET TITLE

HORIZONTAL CONTROL

C-100

SHEET X OF Y

M:\MSD\22-600-157-02\2_DISCIPLINES\ SHEETS\2_SHEETS - CIVIL\22615702_GD_SHEET.DWG 9/25/2024 2:39 PM



| Point Table | | | | |
|-------------|-----------|-----------|------------|-------------|
| Point # | Elevation | Northing | Easting | Description |
| 28 | 4246.97 | 771563.37 | 2890500.81 | PT |
| 29 | 4247.07 | 771597.65 | 2890566.68 | PT |
| 30 | 4246.79 | 771581.80 | 2890574.93 | PT |
| 31 | 4247.24 | 771624.59 | 2890657.15 | PT |
| 32 | 4246.66 | 771568.19 | 2890616.06 | PT |
| 33 | 4247.08 | 771605.77 | 2890653.42 | EB_DITCH FL |
| 34 | 4246.22 | 771572.89 | 2890589.70 | EB_DITCH FL |
| 35 | 4247.02 | 771574.18 | 2890552.14 | EB_DITCH FL |
| 36 | 4246.67 | 771543.99 | 2890471.30 | EB_DITCH FL |
| 37 | 4245.98 | 771493.00 | 2890426.00 | EB_DITCH FL |
| 38 | 4246.80 | 771494.22 | 2890475.13 | PT |
| 39 | 4247.07 | 771538.26 | 2890557.87 | PT |

GENERAL NOTES

1. ALL WORK, SHALL BE PERFORMED WITHIN THE CONSTRUCTION LIMITS.
2. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING UTILITIES. LOCATION ON THESE PLANS ARE APPROXIMATE.
3. SEE SHEET 1-3 FOR ALL GENERAL NOTES.
4. EXISTING GRADE (EG) SHOWN AT 1' MINOR AND 5' MAJOR CONTOURS.
5. FINISHED GRADE (FG) SHOWN AT 0.20' MINOR AND 1' MAJOR CONTOURS.

KEYNOTES

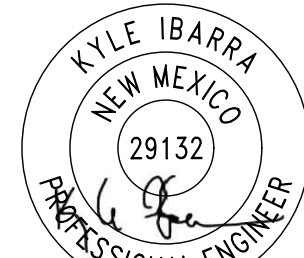
LEGEND

- MINOR CONTOUR (1' EXISTING)
- MAJOR CONTOUR (5' EXISTING)
- MINOR CONTOUR (.50' PROPOSED)
- MAJOR CONTOUR (1' PROPOSED)
- PROPERTY LINE
- SLOPE ARROWS
- FLOW ARROWS GRADE TO DRAIN
- PROPOSED DITCH

WILSON & COMPANY

4401 MASTHEAD STREET NE
SUITE 150
ALBUQUERQUE, NM 87109
PHONE: (505) 348-4000

CONSULTANTS



SEAL 09/25/2024

PROJECT NAME:
SIERRA COUNTY FAIRGROUNDS
EVENT BARN ADDITION &
MULTI-PURPOSE
CENTER FACILITY

| MARK | DATE | DESCRIPTION |
|------|----------|-------------|
| - | 09-25-24 | 100% IFC |

PROJECT NO:
22-600-157-02

DRAWN BY JDH

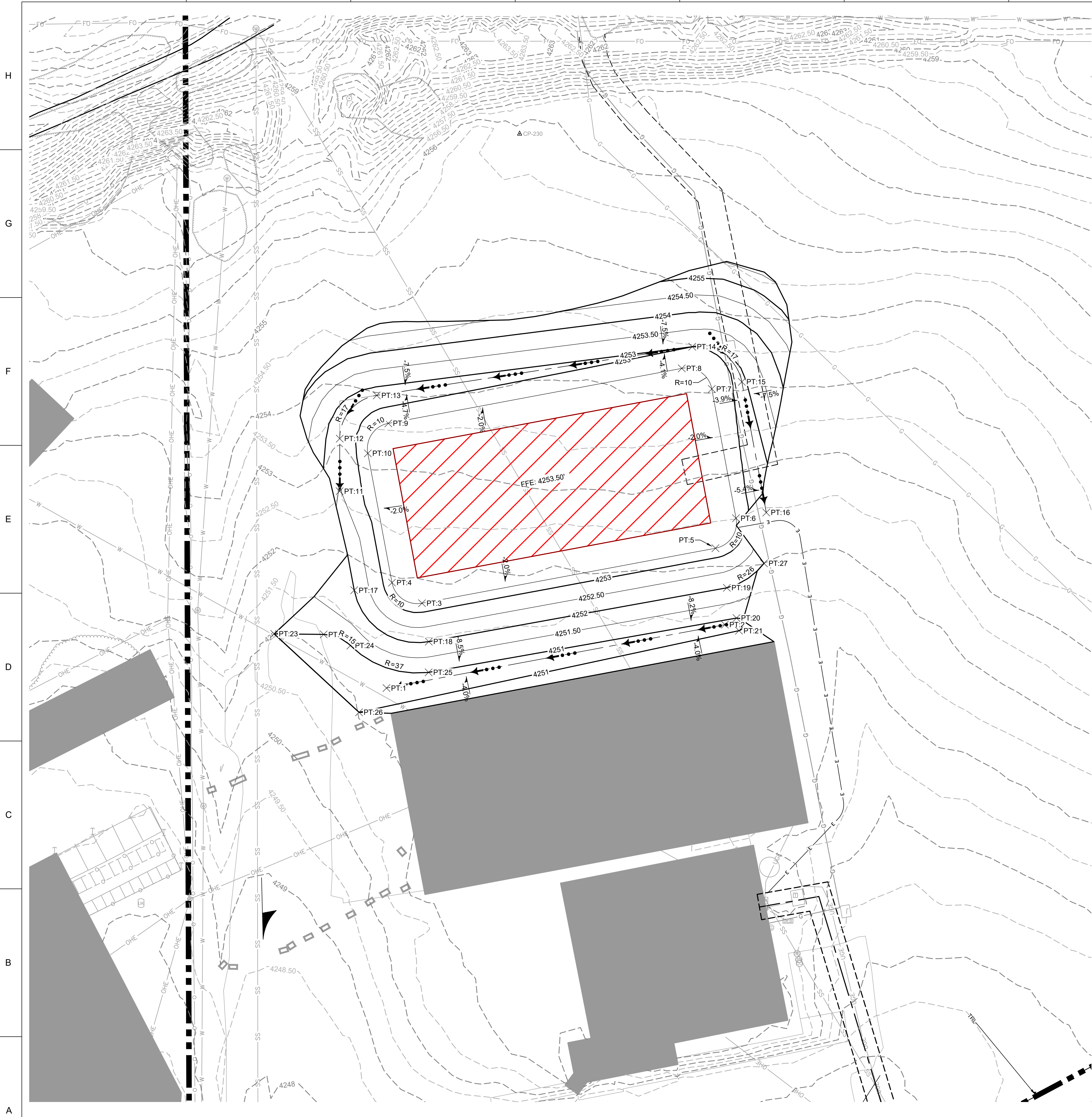
CHECKED BY EH

SHEET TITLE

GRADING
PLAN

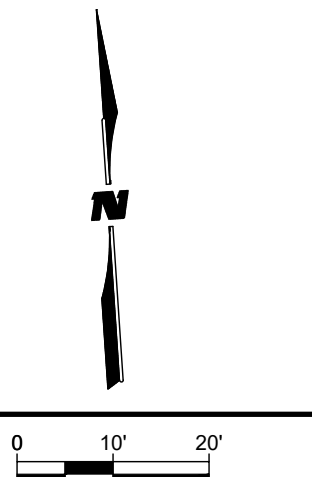
C-101
SHEET OF

M:\MSD\22-600-157-02\2 DISCIPLINES\ SHEETS\2 SHEETS - CIVIL\2615702_GD_SHEET.DWG 9/25/2024 2:39 PM



A1 GRADING PLAN - ALT #1 MULTI-PURPOSE CENTER FACILITY
SCALE: 1" = 20'

| Point Table | | | | |
|-------------|-----------|-----------|------------|----------------------|
| Point # | Elevation | Northing | Easting | Description |
| 1 | 4250.72 | 771791.43 | 2890737.68 | DITCH FL |
| 2 | 4250.86 | 771816.09 | 2890869.35 | DITCH FL |
| 3 | 4253.30 | 771824.44 | 2890751.50 | OFFSET (10' FROM FF) |
| 4 | 4253.30 | 771832.43 | 2890739.83 | OFFSET (10' FROM FF) |
| 5 | 4253.30 | 771845.83 | 2890865.68 | OFFSET (10' FROM FF) |
| 6 | 4253.30 | 771857.50 | 2890873.67 | OFFSET (10' FROM FF) |
| 7 | 4253.30 | 771907.79 | 2890864.25 | OFFSET (10' FROM FF) |
| 8 | 4253.30 | 771915.77 | 2890852.58 | OFFSET (10' FROM FF) |
| 9 | 4253.30 | 771894.39 | 2890738.40 | OFFSET (10' FROM FF) |
| 10 | 4253.30 | 771882.72 | 2890730.41 | OFFSET (10' FROM FF) |
| 11 | 4252.46 | 771868.00 | 2890719.45 | DITCH FL |
| 12 | 4252.74 | 771888.45 | 2890719.49 | DITCH FL |
| 13 | 4253.16 | 771905.27 | 2890733.92 | DITCH FL |
| 14 | 0.00 | 771924.20 | 2890856.65 | DITCH FL |
| 15 | 0.00 | 771910.52 | 2890875.95 | DITCH FL |
| 16 | 0.00 | 771859.70 | 2890885.46 | DITCH FL |
| 17 | 4252.00 | 771829.49 | 2890725.12 | 4252 |
| 18 | 4252.00 | 771809.49 | 2890754.14 | 4252 |
| 19 | 4252.00 | 771830.43 | 2890870.12 | 4252 |
| 20 | 4251.00 | 771818.66 | 2890873.87 | 4251 |
| 21 | 4251.00 | 771813.75 | 2890874.83 | 4251 |
| 22 | 4251.00 | 771812.30 | 2890713.24 | 4251 |
| 23 | 4251.00 | 771812.50 | 2890694.00 | 4251 |
| 24 | 4251.00 | 771807.97 | 2890723.64 | 4251 |
| 25 | 4251.00 | 771797.54 | 2890754.08 | 4251 |
| 26 | 4251.00 | 771782.00 | 2890727.00 | 4251 |
| 27 | 4252.00 | 771839.94 | 2890884.56 | 4252 |



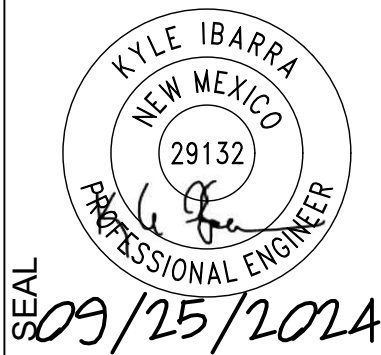
GENERAL NOTES

1. ALL WORK, SHALL BE PERFORMED WITHIN THE CONSTRUCTION LIMITS.
2. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING UTILITIES. LOCATION ON THESE PLANS ARE APPROXIMATE.
3. SEE SHEET 1-3 FOR ALL GENERAL NOTES.
4. EXISTING GRADE (EG) SHOWN AT 0.5' MINOR AND 1' MAJOR CONTOURS.
5. FINISHED GRADE (FG) SHOWN AT 0.50' MINOR AND 1' MAJOR CONTOURS.
6. CONTRACTOR TO VERIFY EXISTING BUILDING TIE IN ELEVATION.

KEYNOTES

WILSON & COMPANY
4401 MASTHEAD STREET NE
SUITE 150
ALBUQUERQUE, NM 87109
PHONE: (505) 348-4000

CONSULTANTS



PROJECT NAME:
**SIERRA COUNTY FAIRGROUNDS
EVENT BARN ADDITION &
MULTI-PURPOSE
CENTER FACILITY**

| MARK | DATE | DESCRIPTION |
|------|----------|-------------|
| - | 09-25-24 | 100% IFC |

PROJECT NO:
22-600-157-02

DRAWN BY JDH

CHECKED BY EH

SHEET TITLE

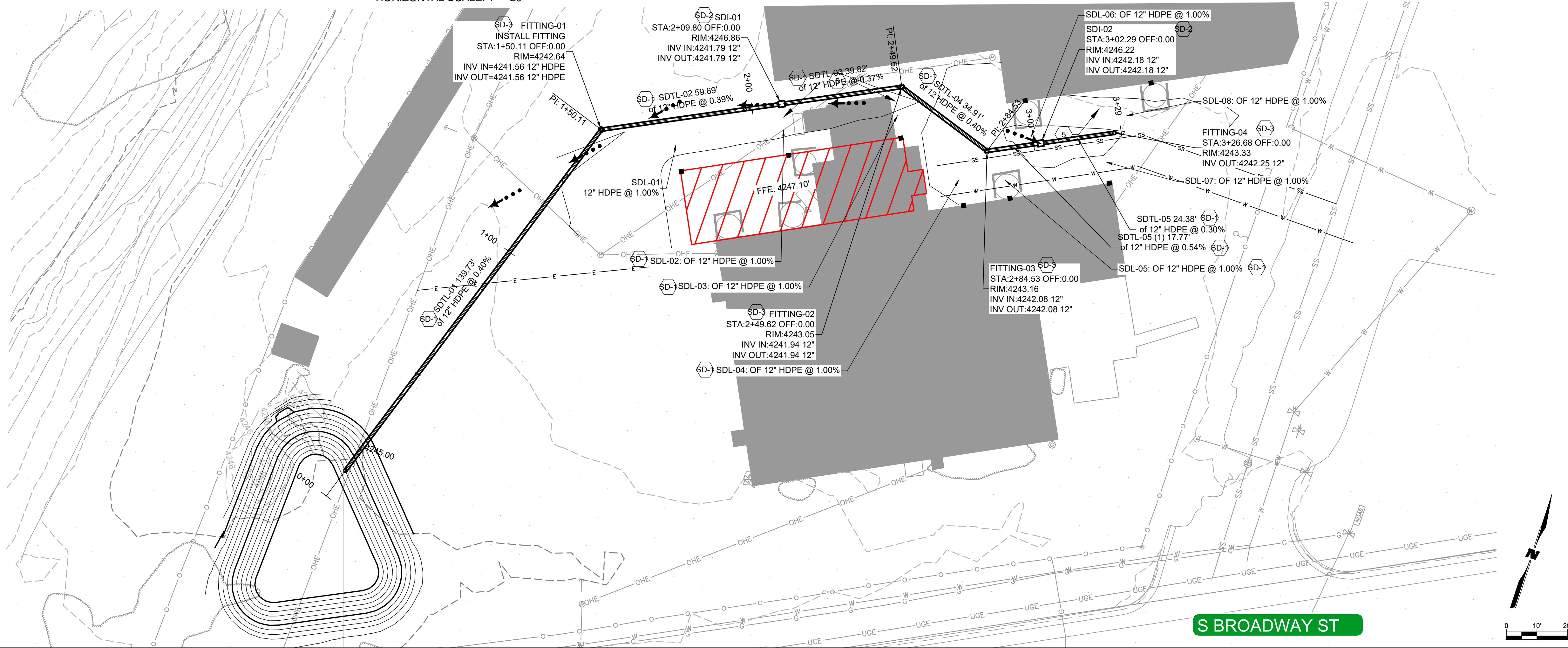
**GRADING
PLAN**

C-102
SHEET ___ OF ___

M:\MSD\22-600-157-02\2_DISCIPLINES\ SHEETS\2_SHEETS - CIVIL\22615702_DRANDWG 9/25/2024 2:39 PM

STORM SEWER TRUNK LINE PLAN

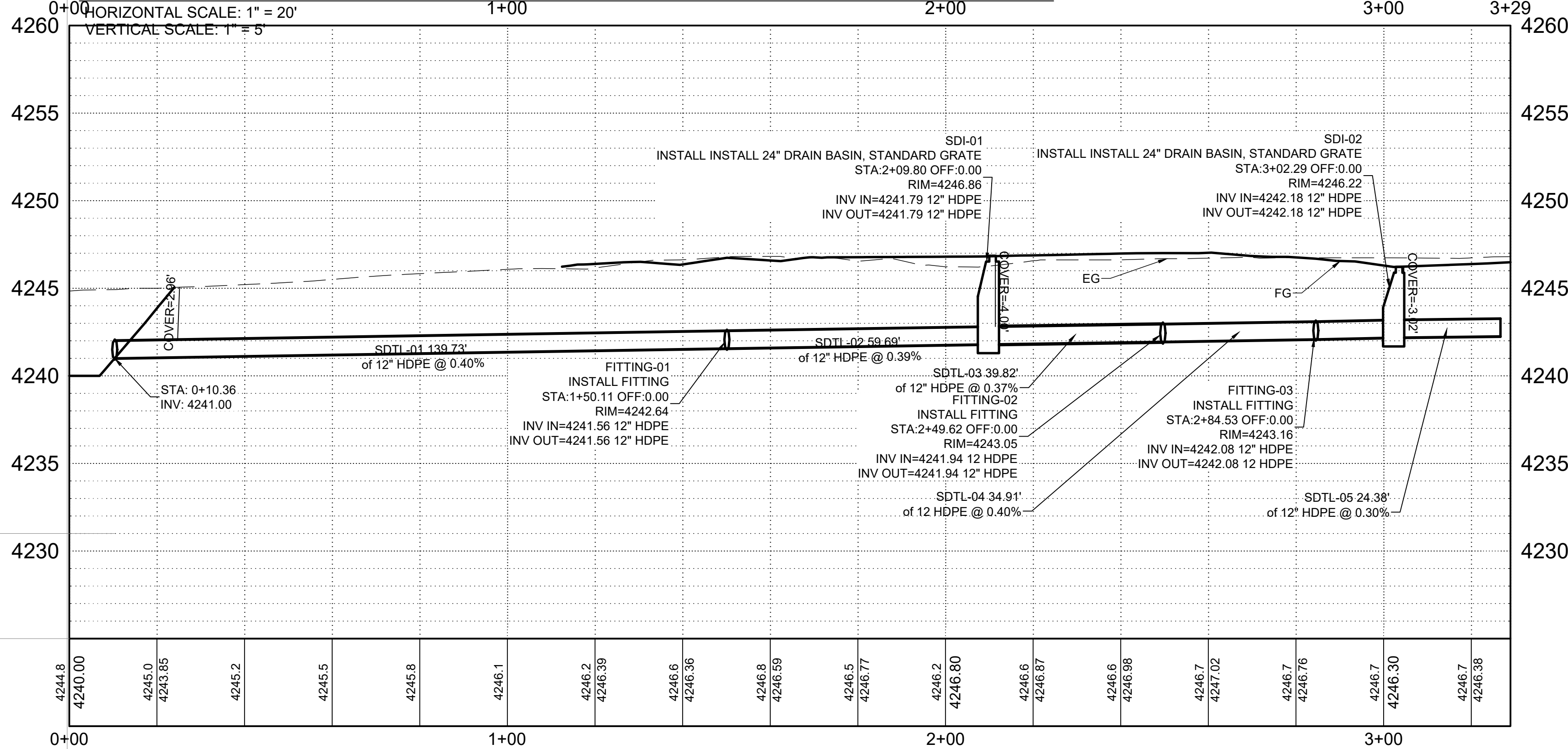
HORIZONTAL SCALE: 1" = 20'



STORM SEWER TRUNK LINE PLAN

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 5'



GENERAL NOTES

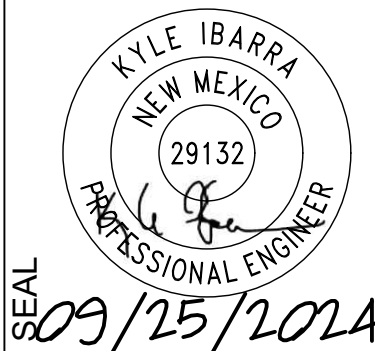
1. ALL STATIONING REFERS TO THE CENTERLINE OF REFERENCE ALIGNMENT.
2. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND POWER POLES. ALL EXISTING UTILITIES SHALL REMAIN IN SERVICE, PROTECT IN PLACE.
3. PIPE LENGTH MEASURED FROM INSIDE OF STRUCTURE TO INSIDE OF STRUCTURE.
4. REGULAR MAINTENANCE IS REQUIRED TO PREVENT DEBRIS AND OPTIMUM FUNCTION OF STORM DRAIN SYSTEM

KEYNOTES

1. INSTALL 12" SMOOTH INTERIOR HDPE PIPE.
2. INSTALL 24" NYLOPLAST DRAIN BASIN WITH STANDARD GRATE PER ADS STD. DWG.7001-110-144, OR ENGINEER APPROVED EQUAL. SEE SHEET C-902. STANDARD SUMP INSERT SHALL BE MANUFACTURE INSTALLED INTO BOTTOM OF STRUCTURE UP TO INVERT ELEVATION TO ELIMINATE SUMP PER ADS STD. DWG. 7001-110-413/7001-110-182, SEE SHEET C-903.
3. INSTALL 12" FITTING. INCIDENTAL TO PIPE INSTALLATION.
4. INSTALL 12" DIAMETER METAL END SECTION OR ENGINEER APPROVED EQUAL SEE SHEET C-906.

WILSON & COMPANY
4401 MASTHEAD STREET NE
SUITE 150
ALBUQUERQUE, NM 87109
PHONE: (505) 348-4000

CONSULTANTS



PROJECT NAME:
SIERRA COUNTY FAIRGROUNDS
EVENT BARN ADDITION &
MULTI-PURPOSE
CENTER FACILITY

| MARK | DATE | DESCRIPTION |
|------|----------|-------------|
| - | 09-25-24 | 100% IFC |

PROJECT NO:
22-600-157-02

DRAWN BY JDH

CHECKED BY EHL

SHEET TITLE
STORM
DRAIN PLAN
AND
PROFILE

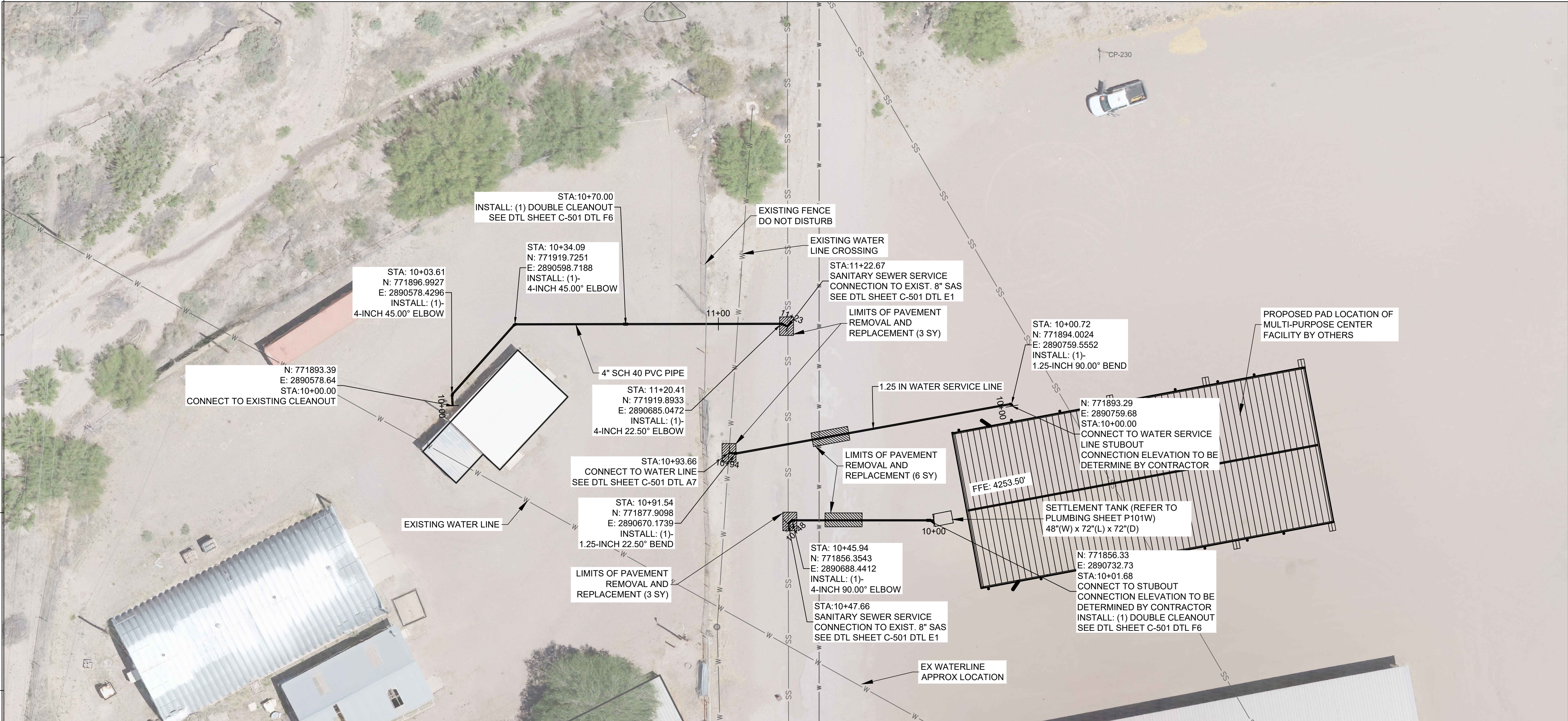
C-103
SHEET X OF Y

LEGEND

| | |
|------------|--------------------------|
| SDI-XX | STORM DRAIN INLET ID |
| SDTL-XX | STORM DRAIN TRUNKLINE ID |
| SDL-XX | STORM DRAIN LATERAL ID |
| FITTING-XX | FITTING ID |

\\EGNYTRDVIEW\WILSON\MSD\22-600-157-02\2_DISCIPLINES\ SHEETS\8_ SHEETS - UTILITIES\02_CIVIL\22615702_SEWER LINE 4 IN_V2.DWG 9/27/2024 7:23 AM

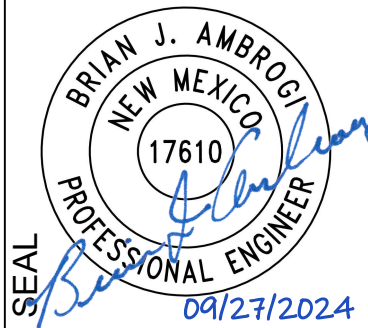
H
G
F
E
D
C
B
A



GENERAL NOTES

1. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE LOCATIONS. CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK. CONTRACTOR SHALL CALL 811 (NM ONE-CALL) TO VERIFY UTILITY LOCATIONS PRIOR TO EXCAVATION.
2. ALL UNDERGROUND GAS, WATER, AND ELECTRIC UTILITIES ARE ASSUMED TO BE AT STANDARD DEPTHS. CONTRACTOR SHALL USE CAUTION WHEN EXPOSING UTILITIES.
3. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM HORIZONTAL CLEARANCE, OR 1'-6" MINIMUM VERTICAL CLEARANCE BETWEEN POTABLE WATER AND SEWER LINES THROUGHOUT THE PROJECT. IN THE EVENT THESE CANNOT BE MAINTAINED, CONTRACTOR SHALL CONTACT THE OWNER AND ENGINEER FOR DIRECTION.
4. DEFLECT PIPE JOINTS AS NECESSARY TO MAINTAIN ALIGNMENT SHOWN. MAXIMUM DEFLECTIONS SHALL BE NO MORE THAN 75% OF PIPE MANUFACTURER'S RECOMMENDATION.
5. CONTRACTOR SHALL RESTORE EXISTING SURFACES TO ORIGINAL CONDITIONS AFTER CONSTRUCTION.
6. ALL WORK RELATED TO MULTI-PURPOSE FACILITY CENTER IS TO BE AN ADD_ALTERNATE

CONSULTANTS



PROJECT NAME:
SIERRA COUNTY FAIRGROUNDS
EVENT BARN ADDITION &
MULTI-PURPOSE
CENTER FACILITY

| MARK | DATE | DESCRIPTION |
|------|----------|-------------|
| - | 09-25-24 | 100% IFC |

PROJECT NO:
22-600-157-02

DRAWN BY
MAT

CHECKED BY
BJA

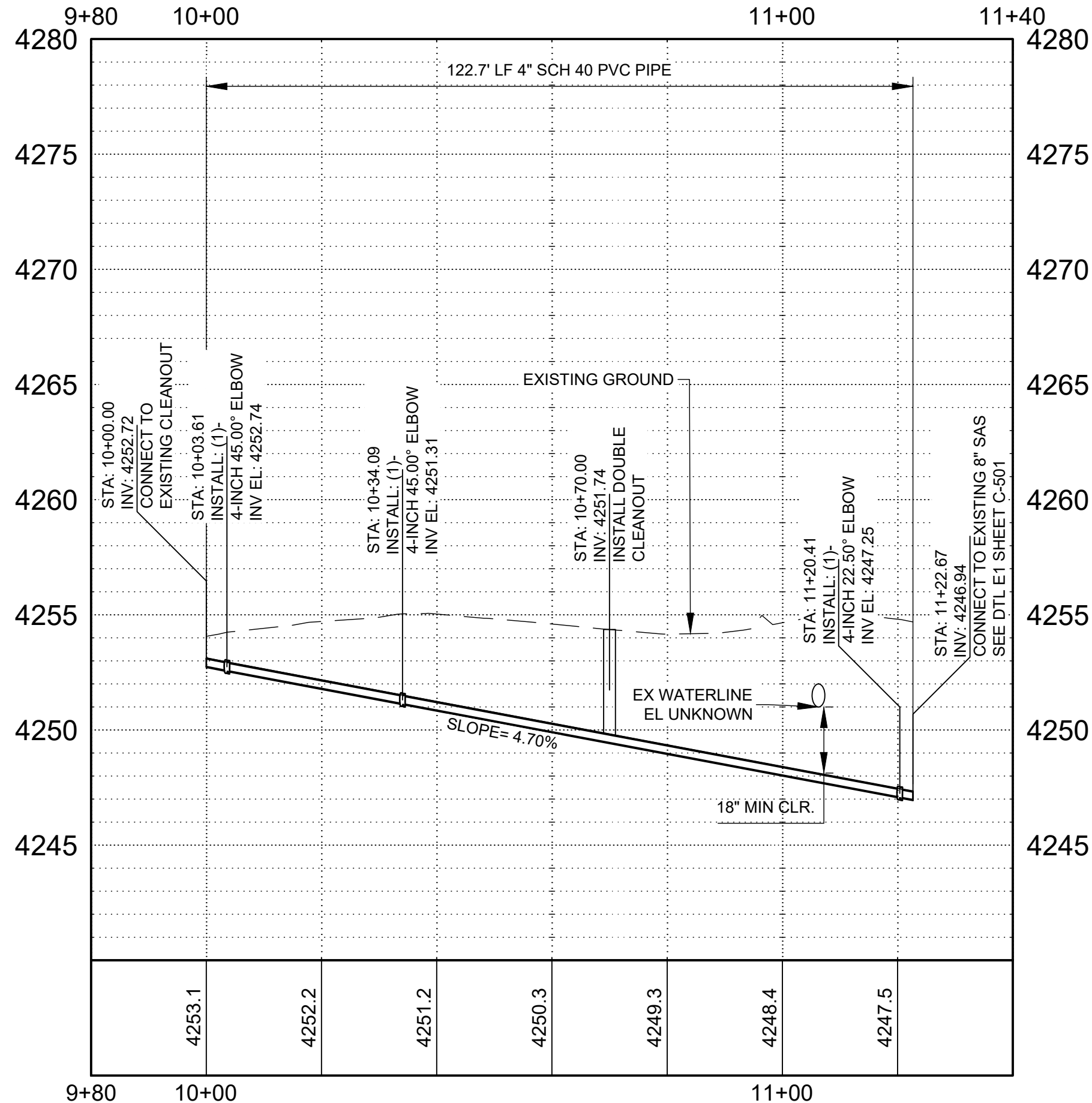
SHEET TITLE

SEWER
SERVICE LINE
PLAN &
PROFILE

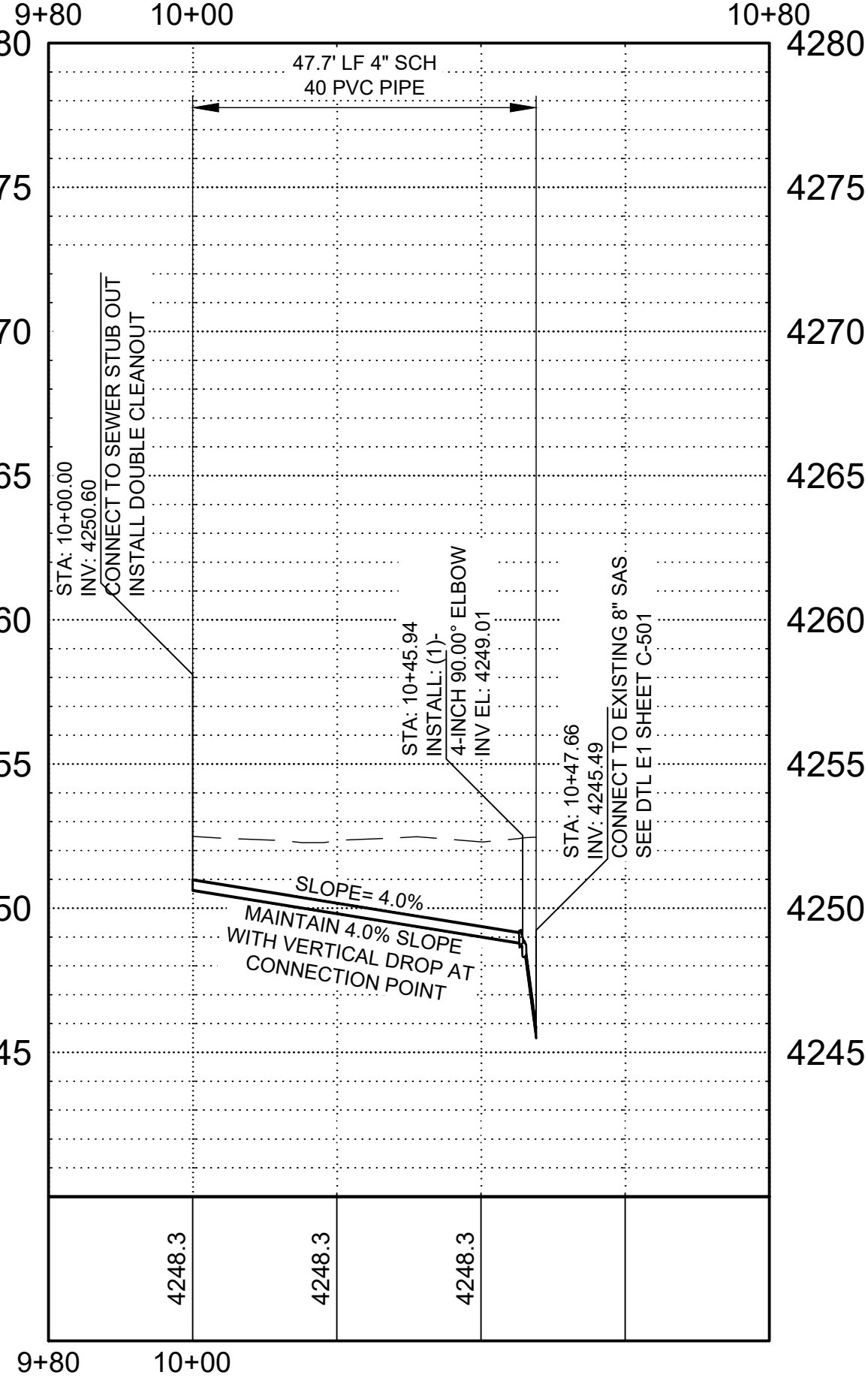
C-201

SHEET ___ OF ___

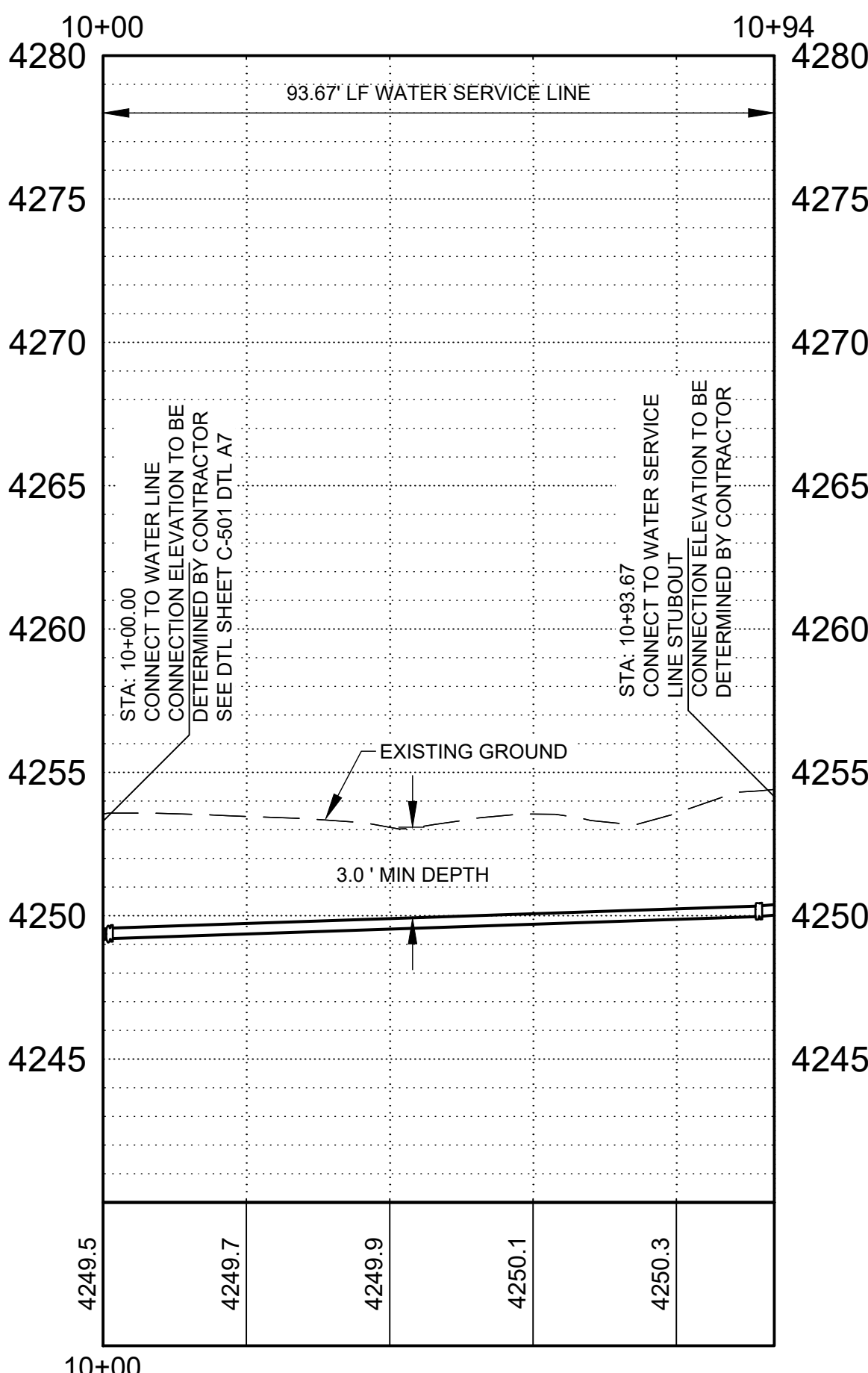
EXISTING OFFICE BUILDING 4" SANITARY SERVICE PROFILE

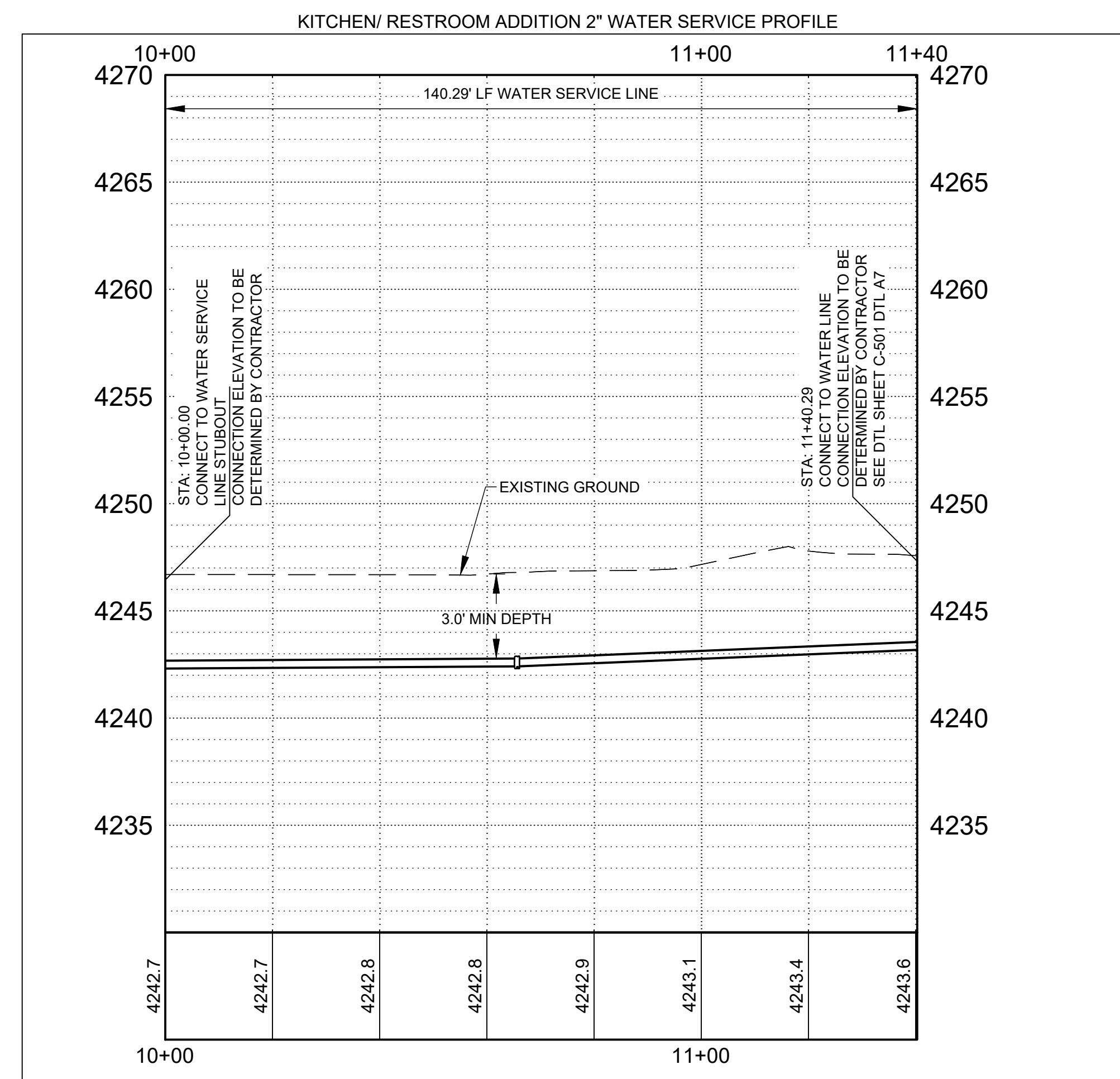
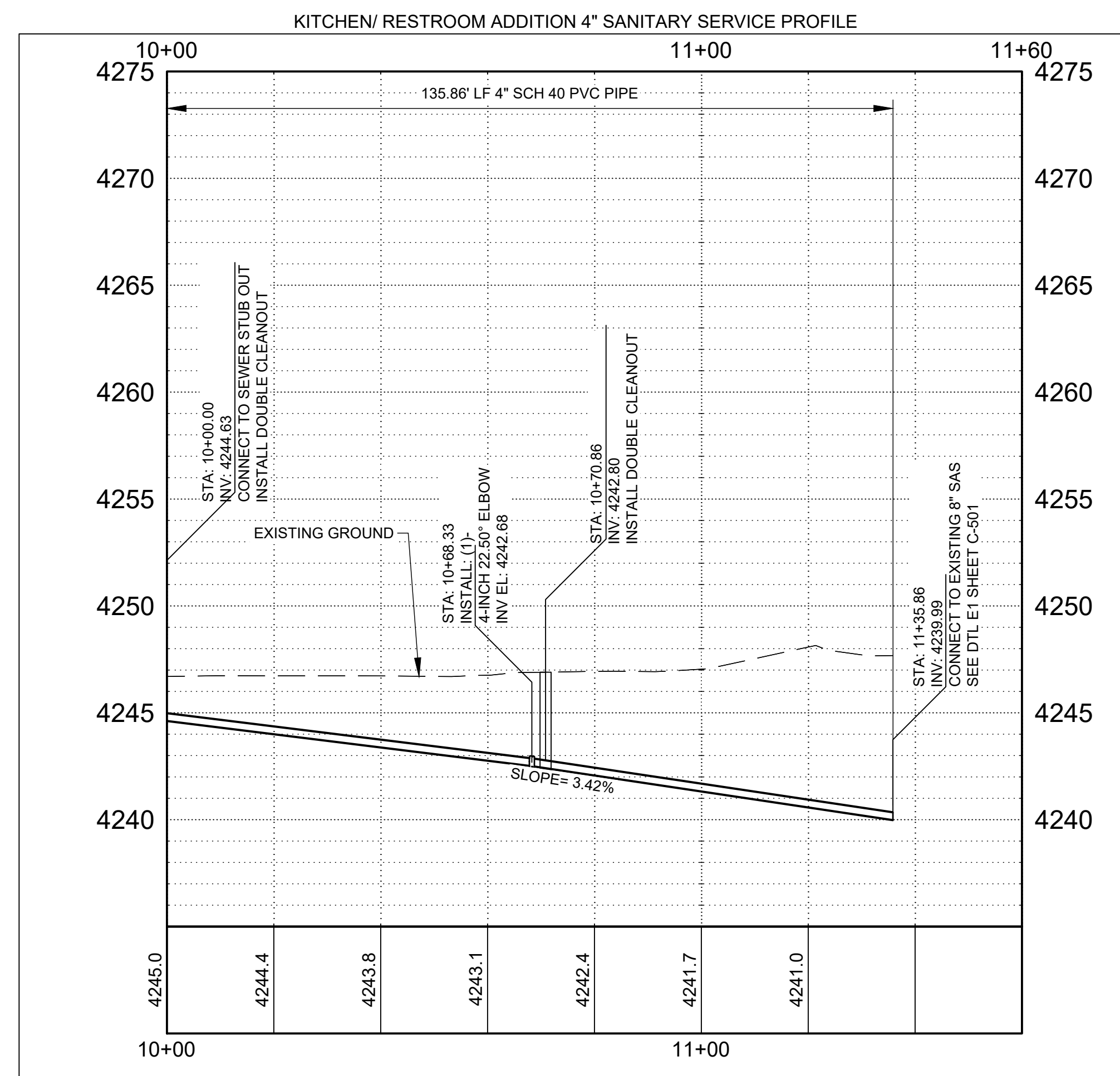
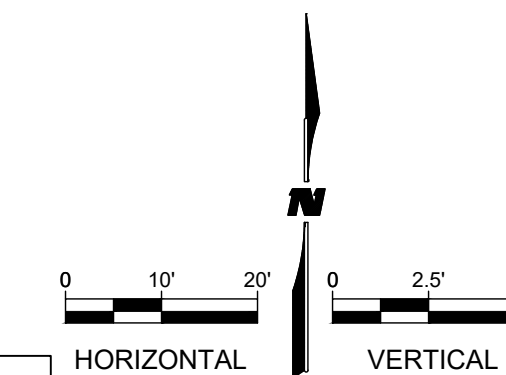
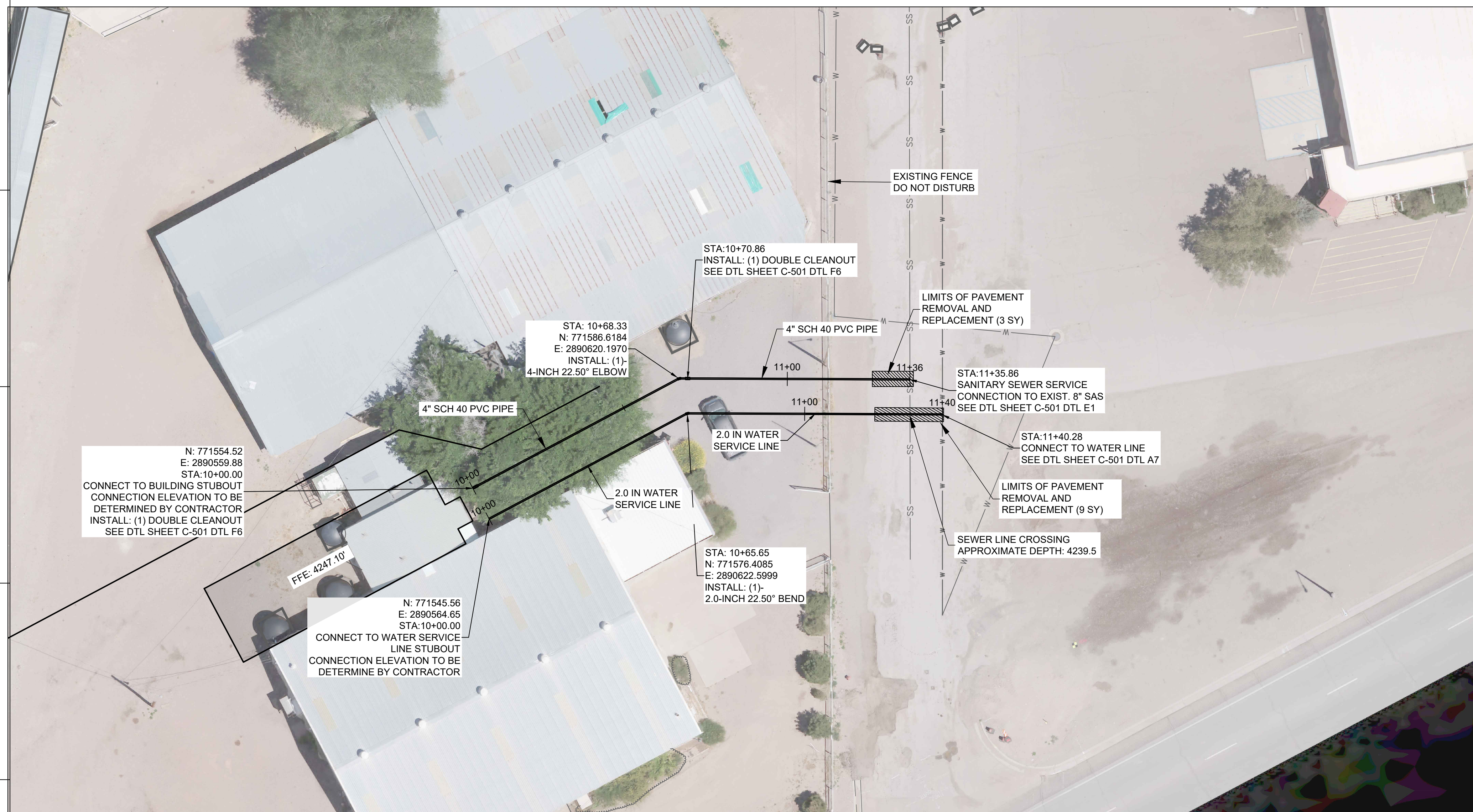


MULTI-PURPOSE CENTER FACILITY 4" SANITARY SERVICE PROFILE



MULTI-PURPOSE CENTER FACILITY 1.25" WATER SERVICE PROFILE





GENERAL NOTES

1. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE LOCATIONS. CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK. CONTRACTOR SHALL CALL 811 (NM ONE-CALL) TO VERIFY UTILITY LOCATIONS PRIOR TO EXCAVATION
2. ALL UNDERGROUND GAS, WATER, AND ELECTRIC UTILITIES ARE ASSUMED TO BE AT STANDARD DEPTHS. CONTRACTOR SHALL USE CAUTION WHEN EXPOSING UTILITIES.
3. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM HORIZONTAL CLEARANCE, OR 1'-6" MINIMUM VERTICAL CLEARANCE BETWEEN POTABLE WATER AND SEWER LINES THROUGHOUT THE PROJECT. IN THE EVENT THESE CANNOT BE MAINTAINED, CONTRACTOR SHALL CONTACT THE OWNER AND ENGINEER FOR DIRECTION.
4. DEFLECT PIPE JOINTS AS NECESSARY TO MAINTAIN ALIGNMENT SHOWN. MAXIMUM DEFLECTIONS SHALL BE NO MORE THAN 75% OF PIPE MANUFACTURER'S RECOMMENDATION.
5. CONTRACTOR SHALL RESTORE EXISTING SURFACES TO ORIGINAL CONDITIONS AFTER CONSTRUCTION.

**WILSON
& COMPANY**

414 N. MAIN ST., SUITE A.
LAS CRUCES, NM 88001.
PHONE: (575) 527-9257

CLAIMS



SIERRA COUNTY FAIRGROUNDS
EVENT BARN ADDITION &
MULTI-PURPOSE
CENTER FACILITY

[illegible]

PROJECT NO:
22-600-157-02

DRAWN BY MAT

CHECKED BY BJA

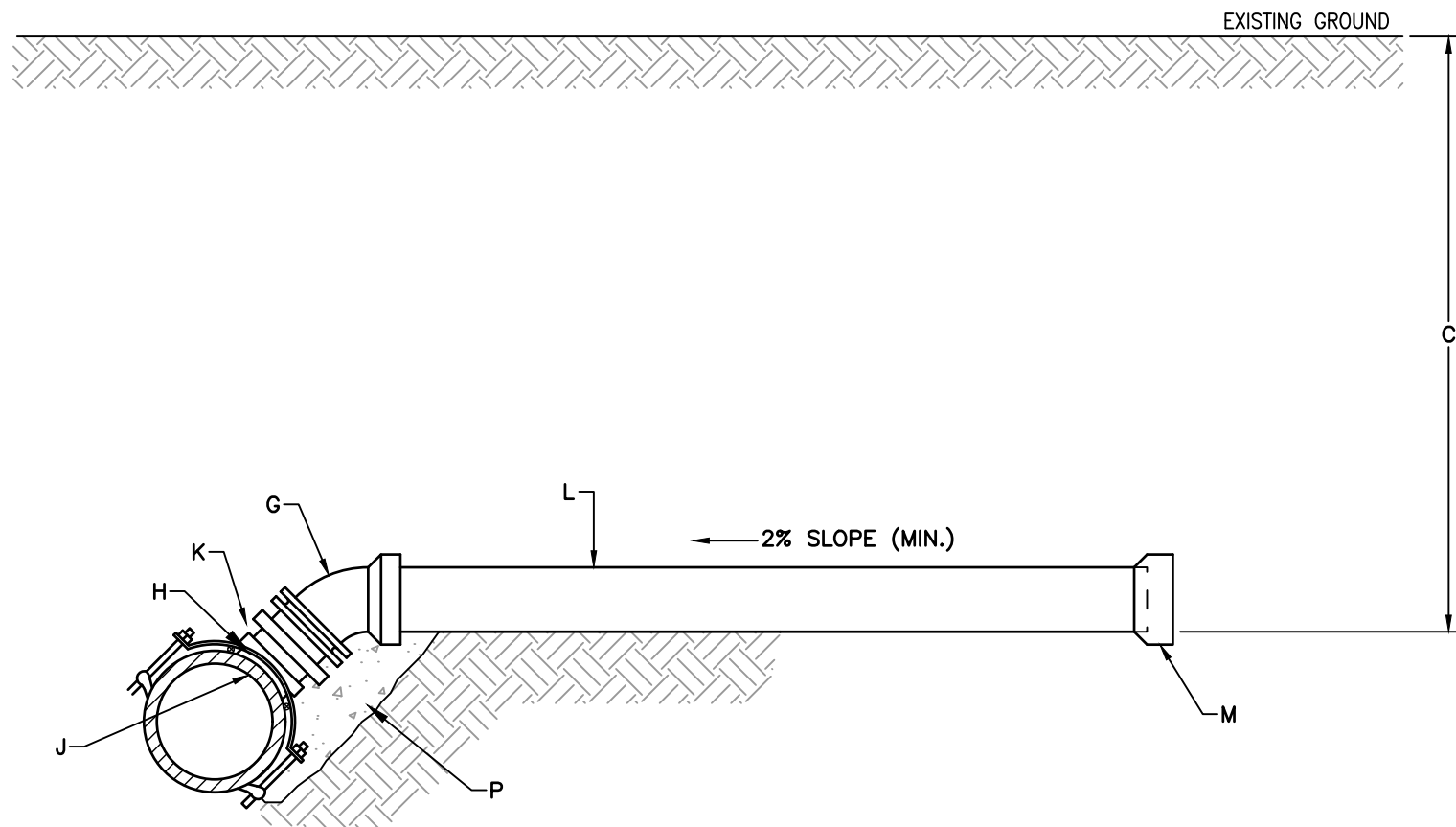
SHEET TITLE

SEWER
SERVICE LINE
PLAN &
PROFILE

C-202

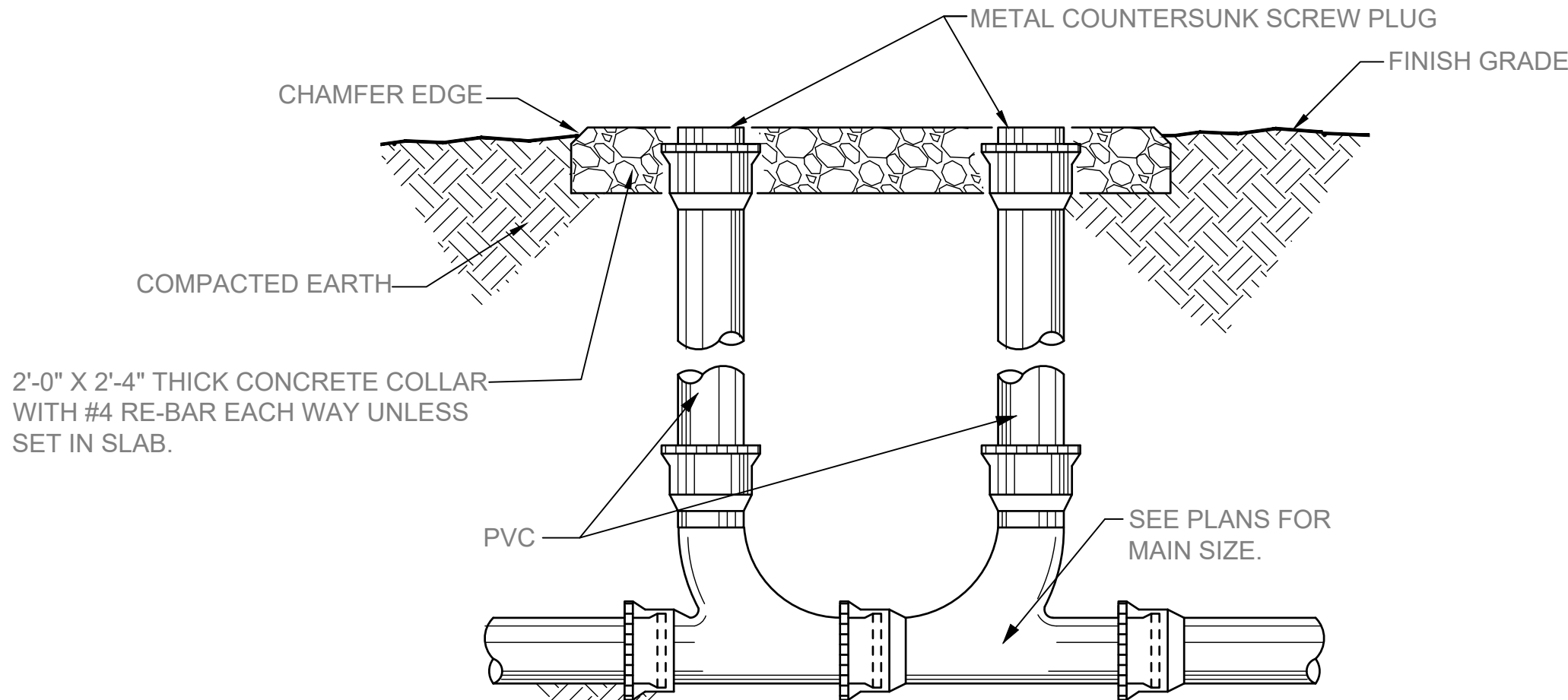
SHEET OF

\\EGNYTRD\WILSON\COMSD\22-600-157-022_DISCIPLINES_SHEETS - UTILITIES\03_TYP\22615702_SANITARY DTLS.DWG 9/26/2024 1:11 PM

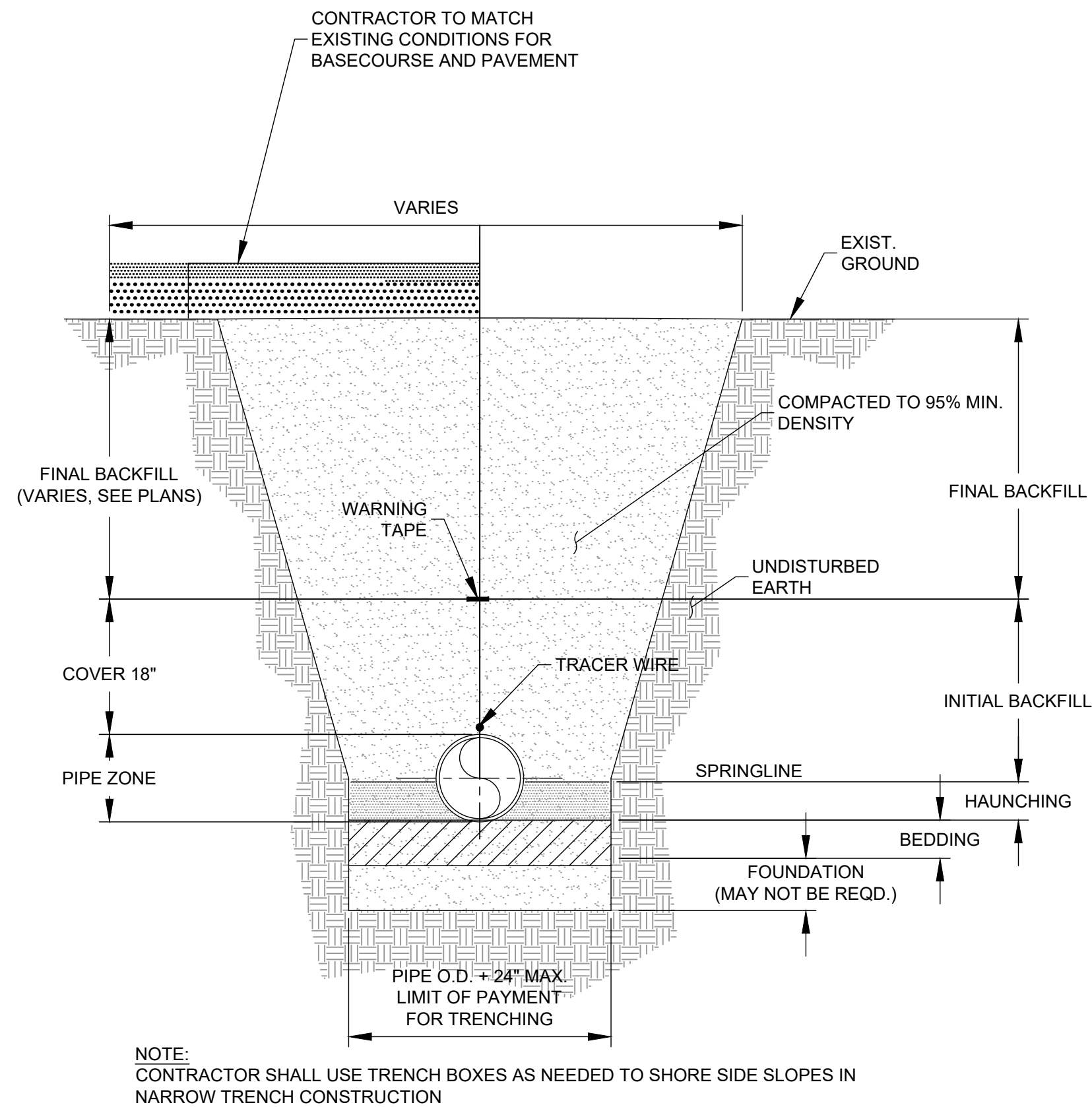


E1 SEWER SERVICE TAP DETAIL
NOT TO SCALE

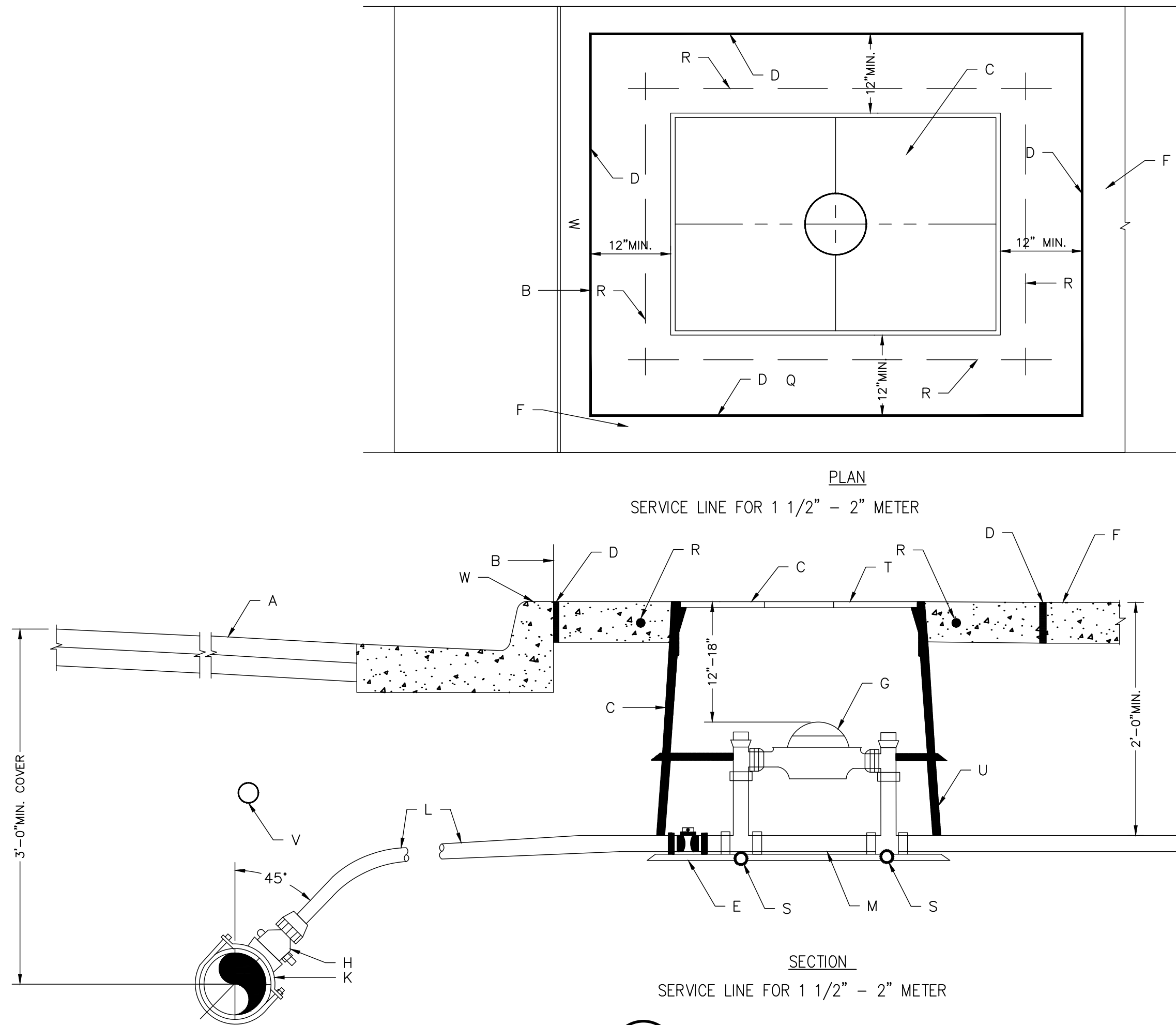
- GENERAL NOTES**
- ALL SERVICE LINES SHALL CONFORM TO THE UNIFORM PLUMBING CODE AND/OR THE CITY OF TRUTH OR CONSEQUENCES.
- CONSTRUCTION NOTES**
- MINIMUM OF 4" TO 6" FROM INVERT TO TOP OF CURB AT RIGHT-OF-WAY LINE. MINIMUM DEPTH WILL DEPEND ON THE DEPTH OF THE MAIN SEWER LINE, THE MINIMUM SERVICE LINE SLOPE, THE DEPTH OF THE LOT BEING SERVED, LOCATION OF THE HOUSE ON THE LOT, AND THE GRADE OF THE LOT.
 - 22.5" OR 45" BEND.
 - CORE DRILL.
 - SERVICE LINE SHALL NOT PROTRUDE INTO SEWER MAIN.
 - SANITARY SEWER TAPPING TEE. DO NOT OVER TIGHTEN SADDLE BOLTS WHICH WOULD PREVENT FREE PASSAGE OF REQUIRED MANDREL. IN-LINE WYE CONNECTIONS ARE ALSO ACCEPTABLE FOR NEW CONSTRUCTION.
 - SERVICE LINE, AND NEW SERVICE CONNECTIONS TO EXISTING SEWER MAINS.
 - PLUG OR CAP UNTIL LATERAL IS PLACED IN SERVICE.
 - BACKFILL UNDER SERVICE WITH MINIMUM 1 CUBIC FOOT OF CONCRETE.



F6 DOUBLE CLEANOUT DETAIL
NOT TO SCALE



A4 PIPE TRENCH DETAIL W PAVEMENT
NOT TO SCALE



A7 WATER SERVICE TAP DETAIL
NOT TO SCALE

- GENERAL NOTES:**
- METER BOX LOCATION TO CONFORM TO NMAPWA STANDARD DRAWING 2361.
 - THE (PRIVATE) TAILPIECE IS TO BE INSTALLED BY THE CONTRACTOR AND IS TO BE OWNED AND MAINTAINED BY THE CUSTOMER PER WATER AUTHORITY ORDINANCE.
- CONSTRUCTION NOTES:**
- STREET SURFACE.
 - BACK OF CURB.
 - METER BOX, COVER AND LID SEE DRAWING 2367. COVER FLUSH WITH SURFACE AND CENTERED OVER METER REGISTER.
 - 3" EXPANSION JOINT.
 - CURB STOP, LOCATE INSIDE METER BOX.
 - SIDEWALK OR DRIVEPAD.
 - METER, TOP OF METER TO BE 12"-18" BELOW COVER.
 - CORP STOP.
 - MAIN WATER LINE.
 - TAPPING SADDLE.
 - COPPER SERVICE LINE.
 - COPPER STTER. PROVIDE WITH DUAL CHECK VALVE IN PRESSURE ZONES OW, 1W, 1E AND FOR PRIVATE WELLS. SEE SPECIFICATION SECTION 802.3.9 FOR PRIVATE WELL PROVISION.
 - TAILPIECE 3' LONG, APPROVED COPPER TUBING WITH A CLEAN CUT AT END WITH A TEMPORARY PLUG. DUAL CHECK VALVE SHALL BE INSTALLED IN WATER ZONES OW, 1W, 1E, AND FOR PRIVATE WELLS. SEE SPECIFICATION SECTION 802.3.9 FOR PRIVATE WELL PROVISIONS.
 - CONCRETE PAR REQUIRED IN ALL AREAS PER SEC. 101 EXTERIOR CONCRETE, f'c= 3000 psi @ 28 DAYS.
 - #4 REBAR CONTINUOUS ALL AROUND METER BOX.
 - STABILIZER BAR. 3"x12" LONG GALVANIZED STEEL PIPE.
 - METER BOX LID SHALL BE FLUSH WITH SURROUNDING SIDEWALK.
 - METER BOX EXTENSION AS REQUIRED.
 - ELECTRONIC MARKER DEVICE (EMD) SEE STANDARD SPECIFICATION SECTION 170.
 - 3" TALL "W" STAMP ON THE CURB WHERE SERVICE LINE CROSSES.

| REVISIONS | NMAPWA |
|-----------|---------------------------|
| | WATER |
| | 1-1/2" TO 2" METERED |
| | SERVICE LINE INSTALLATION |
| | DWG 2363 JANUARY 2011 |

WILSON & COMPANY

414 N. MAIN ST., SUITE A.
LAS CRUCES, NM 88001.
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
**SIERRA COUNTY FAIRGROUNDS
EVENT BARN ADDITION &
MULTI-PURPOSE
CENTER FACILITY**

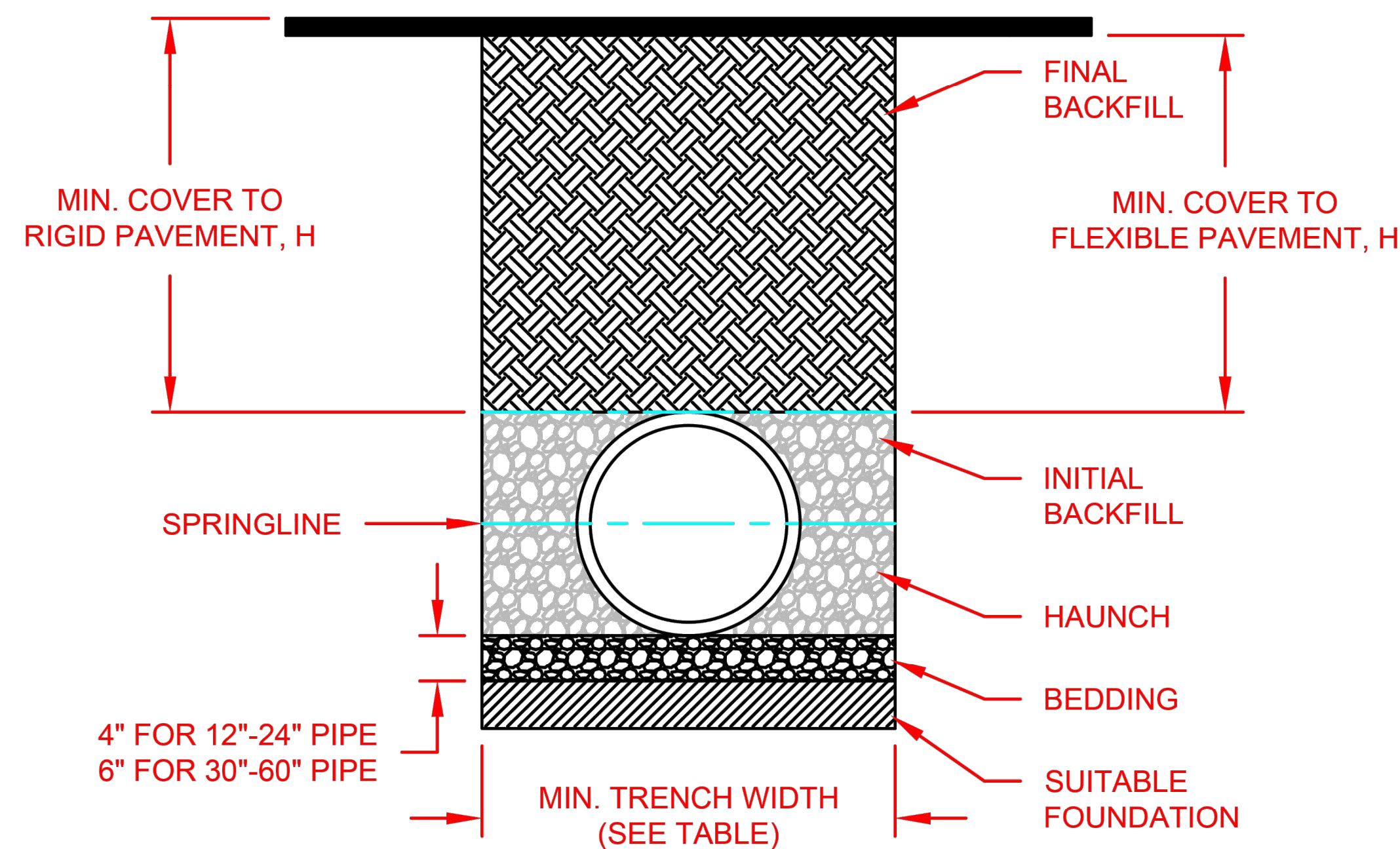
| MARK | DATE | DESCRIPTION |
|------|----------|-------------|
| | 09-25-24 | 100% IFC |

PROJECT NO:
22-600-157-02
DRAWN BY
MAT
CHECKED BY
BJA
SHEET TITLE

UTILITY
DETAILS

C-501

SHEET ___ OF ___



| PIPE DIAM. | MIN. TRENCH WIDTH |
|-----------------|-------------------|
| 4" (100mm) | 21" (533mm) |
| 6" (150mm) | 23" (584mm) |
| 8" (200mm) | 26" (660mm) |
| 10" (250mm) | 28" (711mm) |
| 12" (300mm) | 30" (762mm) |
| 15" (375mm) | 34" (864mm) |
| 18" (450mm) | 39" (991mm) |
| 24" (600mm) | 48" (1219mm) |
| 30" (750mm) | 56" (1422mm) |
| 36" (900mm) | 64" (1626mm) |
| 42" (1050mm) | 72" (1829mm) |
| 48" (1200mm) | 80" (2032mm) |
| 60" (1500mm) | 96" (2438mm) |

| MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS** | | |
|--|--------------------------------|---|
| | SURFACE LIVE LOADING CONDITION | |
| PIPE DIAM. | H-25 | HEAVY CONSTRUCTION (75T AXLE LAOD) * |
| 12" - 48" (300mm - 1200mm) | 12" (305mm) | 48" (1219mm) |
| 60" (1500mm) | 24" (610mm) | 60" (1524mm) |

* VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER
 **SEE BACKFILL REQUIREMENTS IN NOTE 6.

MAXIMUM RECOMMENDED COVER BASED
ON VEHICLE LOADING CONDITIONS

| PIPE DIAM. | CLASS I | | CLASS II | | CLASS III |
|-----------------|---------------|--------------|--------------|--------------|--------------|
| | COMPACTED | DUMPED | 95% | 90% | 95% |
| 4" (100mm) | 37 (11.3m) | 18 (5.5m) | 25 (7.6m) | 18 (5.5m) | 18 (5.5m) |
| 6" (150mm) | 44 (13.4m) | 20 (6.1m) | 29 (8.8m) | 20 (6.1m) | 21 (6.4m) |
| 8" (200mm) | 32 (9.8m) | 15 (4.6m) | 22 (6.7m) | 15 (4.6m) | 16 (4.9m) |
| 10" (250mm) | 38 (11.6m) | 18 (5.5m) | 26 (7.9m) | 18 (5.5m) | 18 (5.5m) |
| 12" (300mm) | 35 (10.7m) | 17 (5.2m) | 24 (7.3m) | 17 (5.2m) | 17 (5.2m) |
| 15" (375mm) | 38 (11.6m) | 17 (5.2m) | 25 (7.6m) | 17 (5.2m) | 18 (5.5m) |
| 18" (450mm) | 36 (11.0m) | 17 (5.2m) | 24 (7.3m) | 17 (5.2m) | 17 (5.2m) |
| 24" (600mm) | 28 (8.5m) | 13 (4.0m) | 20 (6.1m) | 13 (4.0m) | 14 (4.3m) |
| 30" (750mm) | 28 (8.5m) | 13 (4.0m) | 20 (6.1m) | 13 (4.0m) | 14 (4.3m) |
| 36" (900mm) | 26 (7.9m) | 12 (3.7m) | 18 (5.5m) | 13 (4.0m) | 13 (4.0m) |
| 42" (1050mm) | 23 (7.0m) | 11 (3.4m) | 16 (4.9m) | 11 (3.4m) | 11 (3.4m) |
| 48" (1200mm) | 25 (7.6m) | 11 (3.4m) | 17 (5.2m) | 11 (3.4m) | 12 (3.7m) |
| 60" (1500mm) | 25 (7.6m) | 11 (3.4m) | 17 (5.2m) | 11 (3.4m) | 12 (3.7m) |

FILL HEIGHT TABLE GENERATED USING AASHTO SECTION 12,
LOAD RESISTANCE FACTOR DESIGN (LRFD) PROCEDURE WITH
THE FOLLOWING ASSUMPTIONS:
NO HYDROSTATIC PRESSURE,
UNIT WEIGHT OF SOIL (γ_s) = 120 PCF

| | | | | |
|------|------------------|-----|----------|-------|
| 6 | INITIAL BACKFILL | JAB | 04/02/20 | |
| REV. | DESCRIPTION | BY | MM/DD/YY | CHK'D |

NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-1500mm).
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING TO THE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR TRAFFIC APPLICATIONS WITH LESS THAN FOUR FEET OF COVER, EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL.

© 2020 ADS, INC.

ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

**TRENCH INSTALLATION
DETAIL (N-12 PER AASHTO)**

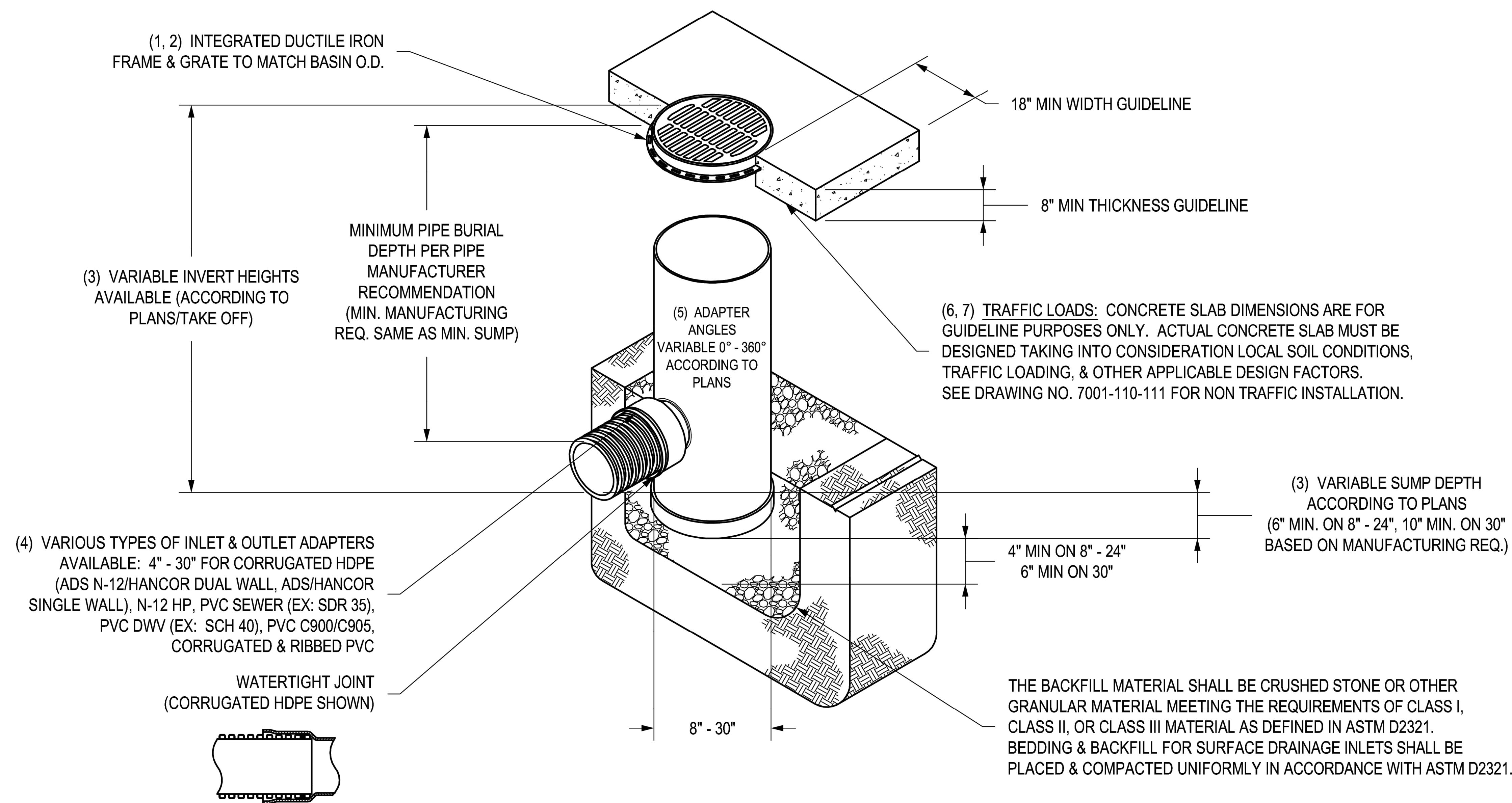
DRAWING NUMBER: STD-101



4640 TRUEMAN BLVD
HILLIARD, OHIO 43026

| | |
|-----------|----------|
| DRAWN BY: | TJR |
| DATE: | 12/29/16 |
| CK'D BY: | |
| SCALE: | NTS |
| SHEET | 1 OF 1 |


NYLOPLAST DRAIN BASIN WITH STANDARD GRATE

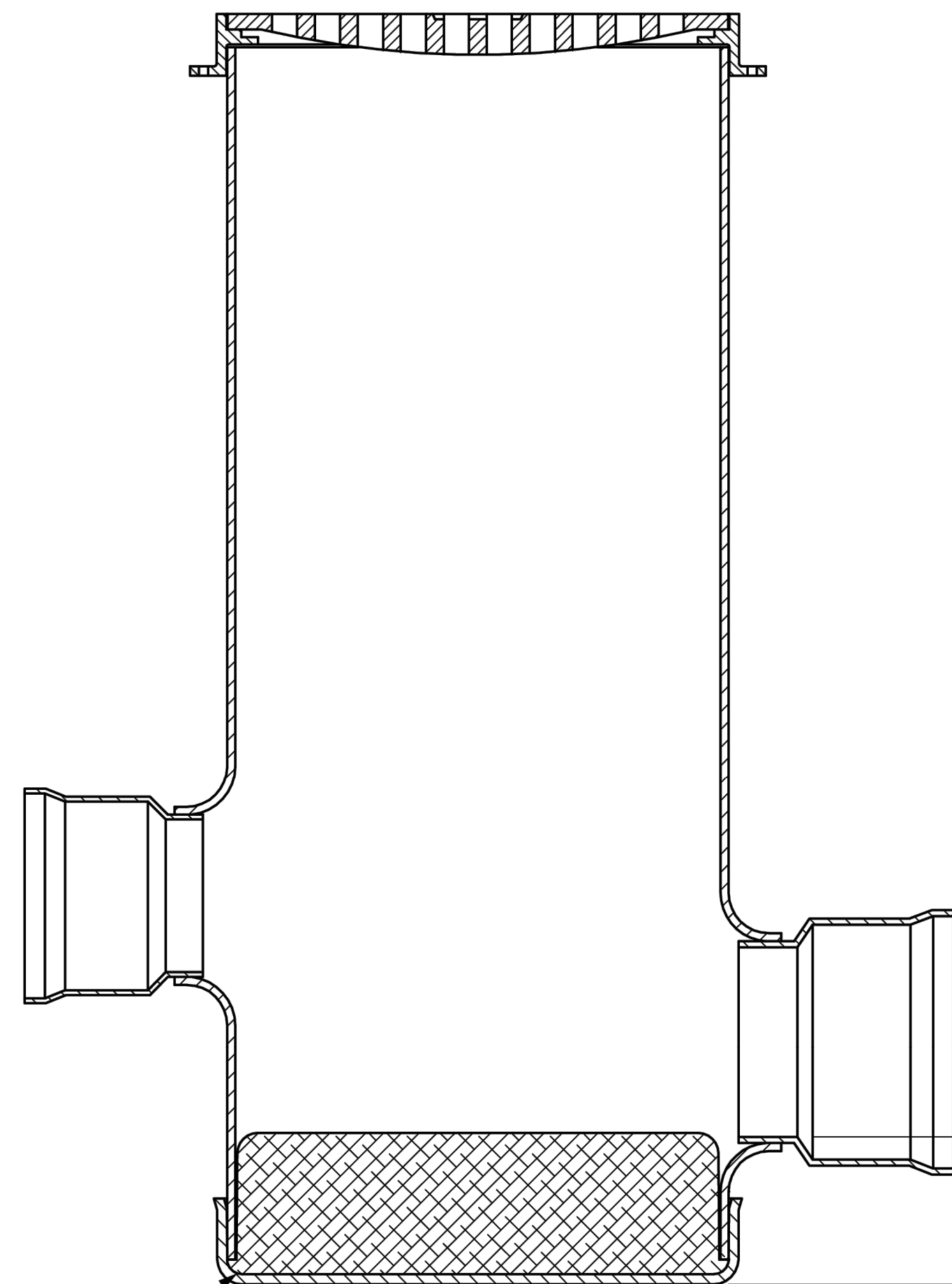
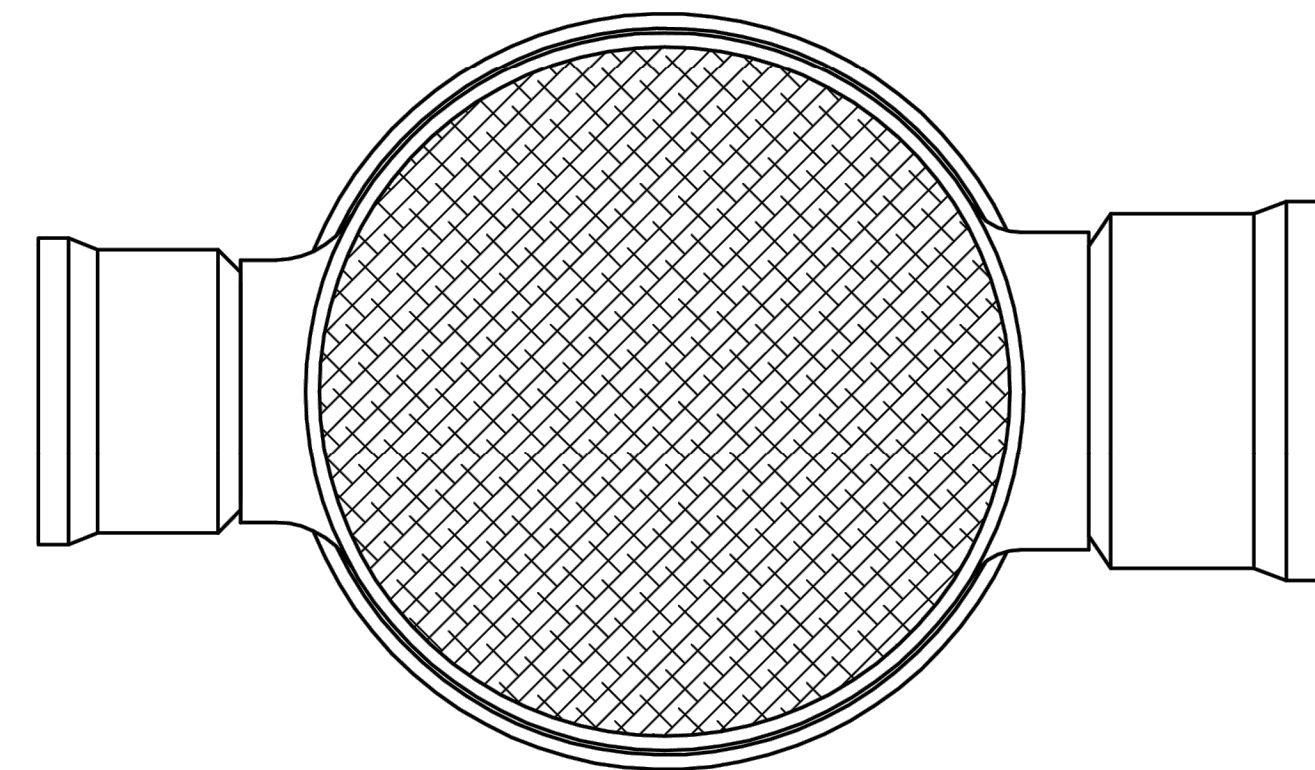


- 1 - 8" - 30" STANDARD GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - 12" - 30" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05. 8" & 10" STANDARD GRATES FIT DIRECTLY ONTO DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045.
- 3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
- 4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 24").
- 5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
- 6 - 12" - 30" STANDARD GRATES SHALL MEET H-20 LOAD RATING.
- 7 - 8" & 10" STANDARD GRATES ARE RATED FOR LIGHT DUTY APPLICATIONS ONLY; NO CONCRETE COLLAR NEEDED FOR LIGHT DUTY RATING.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.

©2011 NYLOPLAST

| | | | |
|------------|----------|-------------------------|--|
| DRAWN BY | EBC | MATERIAL |  <div>3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com</div> |
| DATE | 1-23-06 | PROJECT NO./NAME | |
| REVISED BY | NMH | | TITLE |
| DATE | 03-11-16 | | DRAIN BASIN WITH STANDARD GRATE QUICK SPEC INSTALLATION DETAIL |
| DWG SIZE | A | SCALE 1:40 SHEET 1 OF 1 | DWG NO. 7001-110-144 REV H |




HDPE SUMP INSERT ADDED
INTO BOTTOM OF STRUCTURE,
UP TO INVERT ELEVATION.

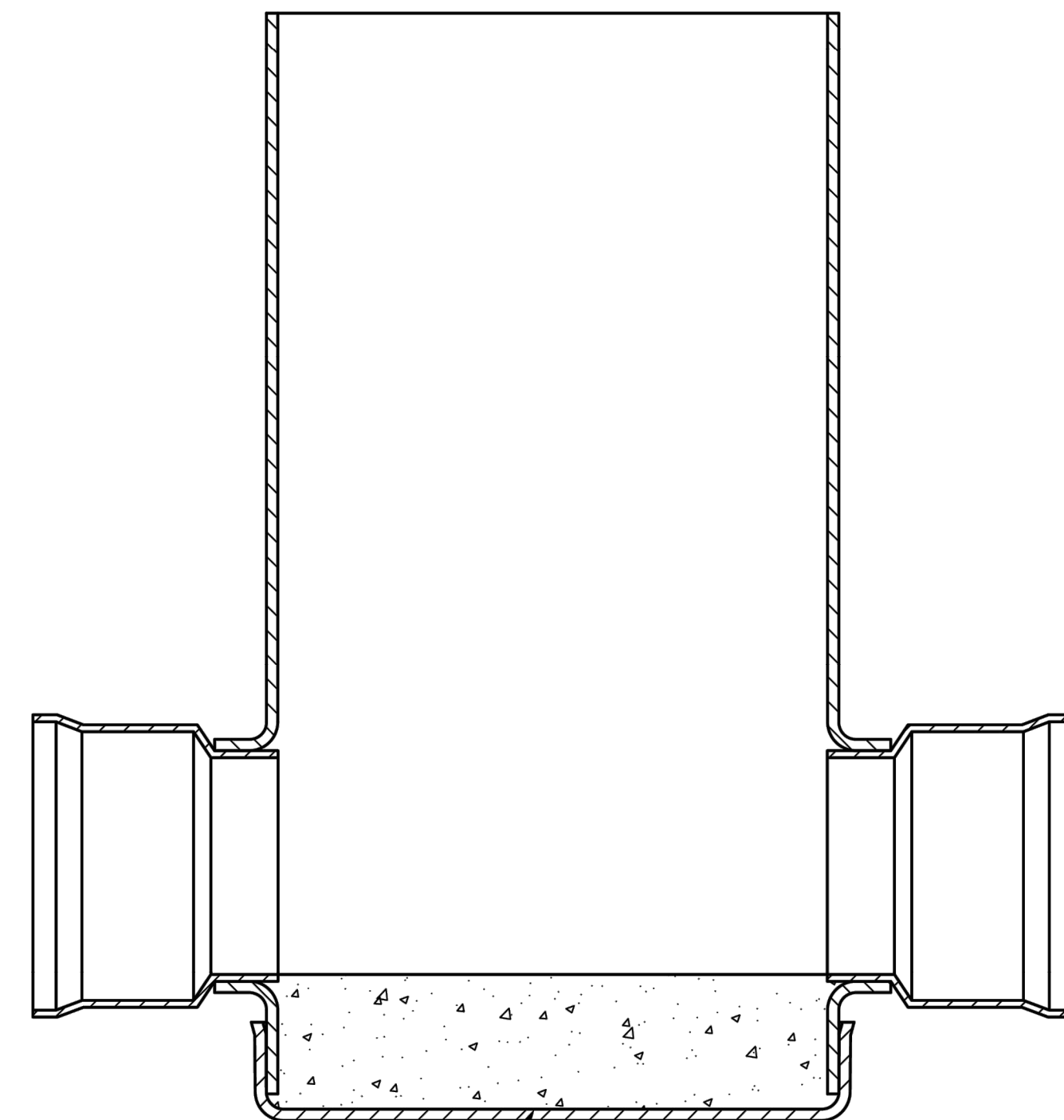
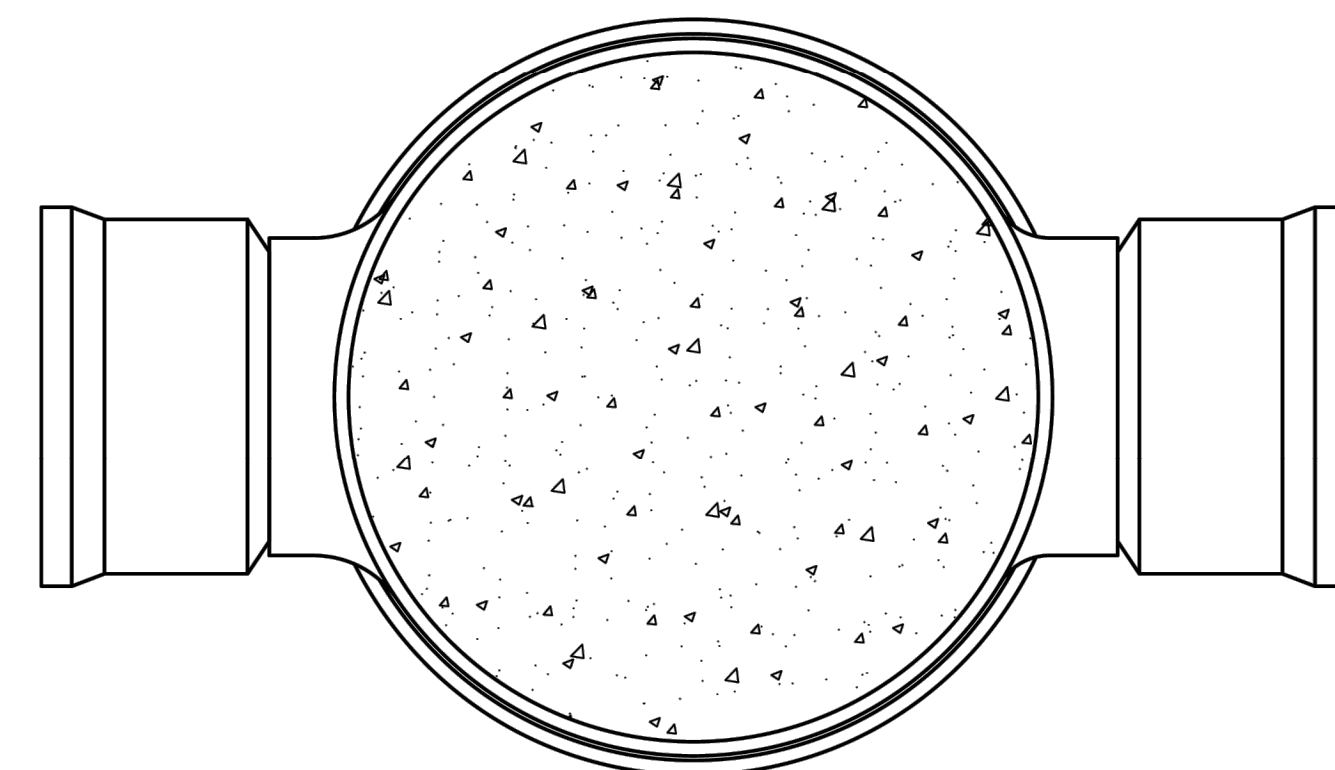
MIN. PRODUCTION REQ.
6" ON 8"-24" BASIN
10" ON 30" BASIN

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.

©2012 NYLOPLAST

| | | |
|----------|---------|-------------------------|
| DRAWN BY | JJC | MATERIAL |
| DATE | 7-16-12 | |
| APPD BY | JJC | PROJECT NO./NAME |
| DATE | 7-16-12 | |
| DWG SIZE | A | SCALE 1:12 SHEET 1 OF 1 |

| | |
|---|---|
|  | 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com |
| | TITLE 12" - 30" DRAIN BASIN WITH HDPE SUMP INSERT QUICK SPEC INSTALLATION DETAIL |
| DWG NO. | 7001-110-413 REV B |




CONCRETE POURED INTO BOTTOM OF STRUCTURE,
UP TO INVERT ELEVATION TO ELIMINATE SUMP.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.

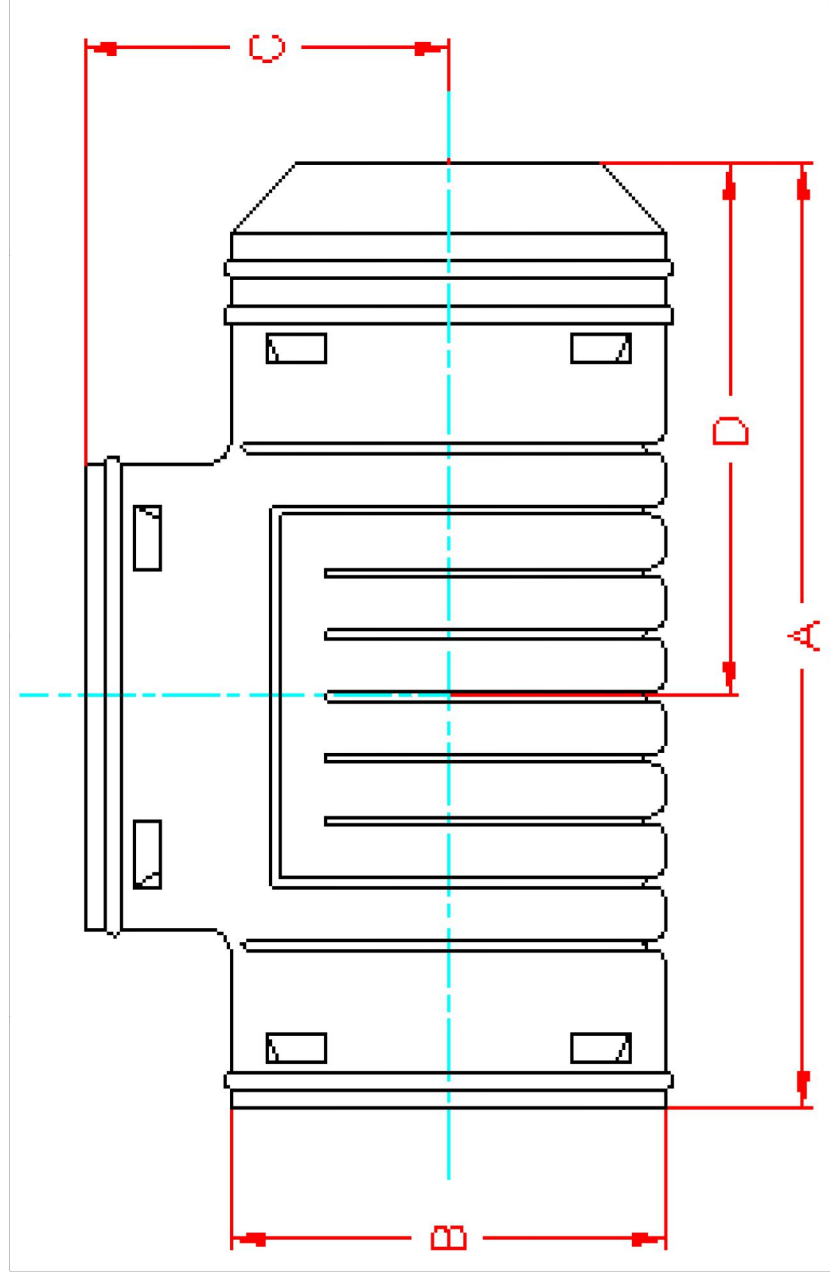
©2010 NYLOPLAST

| | | |
|------------|---------|-------------------------|
| DRAWN BY | EBC | MATERIAL |
| DATE | 2-14-06 | |
| REVISED BY | EBC | PROJECT NO./NAME |
| DATE | 3-6-10 | |
| DWG SIZE | A | SCALE 1:12 SHEET 1 OF 1 |

| | |
|---|---|
|  | 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com |
| | TITLE 8 IN - 30 IN STRUCTURE WITH CONCRETE IN SUMP |
| DWG NO. | 7001-110-182 REV D |

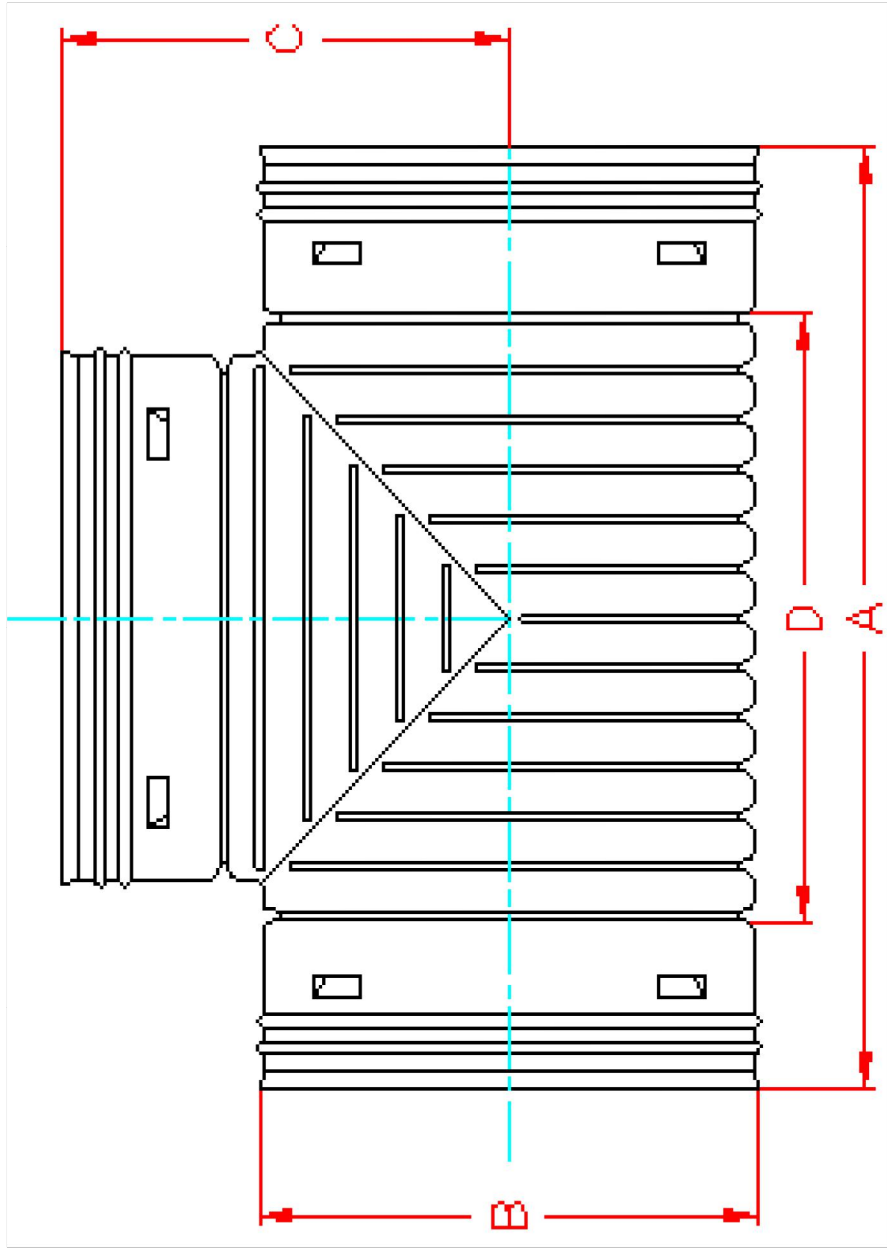
BLIND TEE


| PART # | PIPE SIZE | A | B | C | D |
|--------|-------------------|---------------------|---------------------|---------------------|---------------------|
| 0341AA | 3 in (75 mm) | 10.0 in (254 mm) | 4.0 in (102 mm) | 4.3 in (108 mm) | 5.8 in (146 mm) |
| 0441AA | 4 in (100 mm) | 12.0 in (305 mm) | 5.1 in (130 mm) | 4.0 in (6 mm) | 7.5 in (191 mm) |
| 0541AA | 5 in (125 mm) | 12.5 in (318 mm) | 6.3 in (159 mm) | 5.9 in (149 mm) | 6.8 in (171 mm) |
| 0641AA | 6 in (150 mm) | 14.0 in (356 mm) | 7.4 in (187 mm) | 6.3 in (159 mm) | 7.8 in (197 mm) |
| 0841AA | 8 in (200 mm) | 20.3 in (514 mm) | 9.9 in (251 mm) | 10.5 in (267 mm) | 10.8 in (273 mm) |
| 1041AA | 10 in (250 mm) | 21.5 in (546 mm) | 12.3 in (311 mm) | 12.3 in (311 mm) | 10.8 in (273 mm) |



SNAP TEE

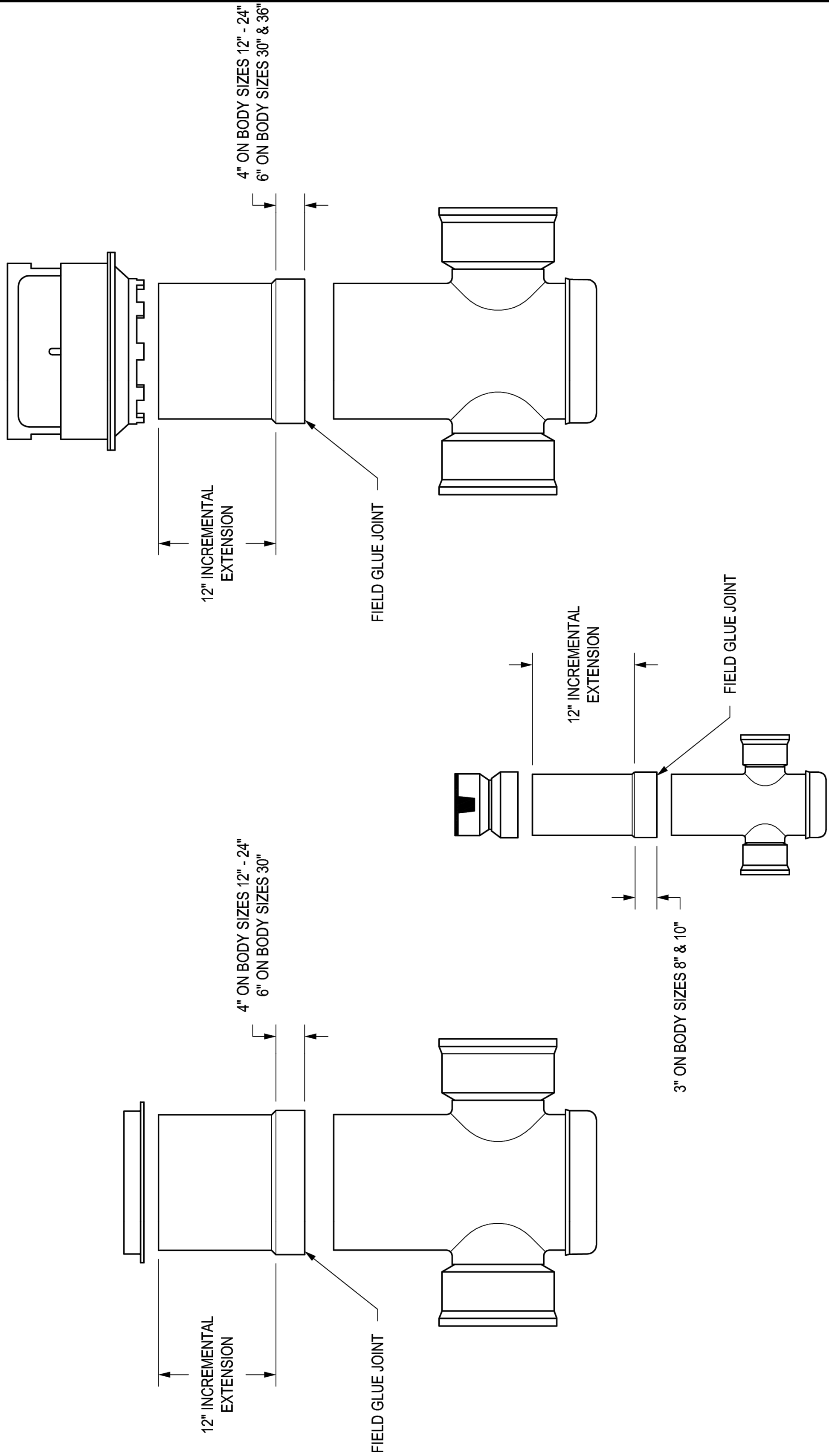
| PART # | PIPE SIZE | A | B | C | D |
|--------|------------------|---------------------|--------------------|--------------------|--------------------|
| 0321AA | 3 in (75 mm) | 8.3 in (210 mm) | 4.0 in (102 mm) | 4.3 in (108 mm) | 4.5 in (114 mm) |
| 0421AA | 4 in (100 mm) | 9.5 in (241 mm) | 5.1 in (130 mm) | 4.0 in (102 mm) | 5.5 in (140 mm) |
| 0525AA | 5 in (125 mm) | 10.9 in (276 mm) | 6.3 in (159 mm) | 5.9 in (149 mm) | 5.6 in (143 mm) |
| 0626AA | 6 in (150 mm) | 12.5 in (318 mm) | 7.4 in (187 mm) | 6.3 in (159 mm) | 7.8 in (197 mm) |



| | | | |
|--|--|--------------|----------|
|  Advanced Drainage Systems, Inc. | | DRAWING #: | 1025 |
| | | DRAWN BY: | CRM |
| | | APPROVED BY: | JCB |
| | | REVISIONS: | NJP |
| | | | 09.11.06 |
| | | | 06.25.07 |
| | | | 06.12.07 |
| | | | |


NOTE: ALL DIMENSIONS ARE NOMINAL
© 2021 Advanced Drainage Systems, Inc.

NYLOPLAST RISER EXTENSION: 29 __AG

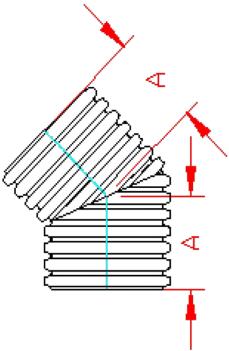
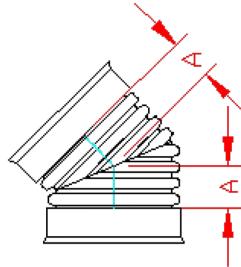


1. NYLOPLAST RISER JOINTS SHALL BE FIELD INSTALLED USING THE GUIDELINES OUTLINED IN ASTM D2855.
2. PVC CEMENT USED SHALL MEET THE REQUIREMENTS OF ASTM D2664.
3. PVC PRIMER USED SHALL MEET THE REQUIREMENTS OF ASTM F656.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.

| | |
|---|-------------------------------|
|  Nyloplast 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com | |
| TITLE | 8 IN. - 36 IN RISER EXTENSION |

| | | | |
|---------|--------------|-----|---|
| DWG NO. | 7001-110-065 | REV | E |
|---------|--------------|-----|---|

| DUAL WALL FABRICATED 45° BENDS 4" - 30" DIAMETER | | | | | | | |
|---|------------|-------------------|--|-------|-----------|--|--|
| ** | PART # | PIPE SIZE | A | JOINT | | | |
| | 0494AN | 4 in (107 mm) | 4.2 in (107 mm) | * | | | |
| ** | 0694AN | 6 in (150 mm) | 5.0 in (126 mm) | * | | | |
| ** | 0894AN | 8 in (200 mm) | 6.7 in (170 mm) | * | | | |
| ** | 1094AN | 10 in (250 mm) | 7.5 in (189 mm) | WT | | | |
| | 1297AN | 12 in (300 mm) | 11.5 in (293 mm) | * | | | |
| | 1297AN65BB | 12 in (300 mm) | 5.8 in (146 mm) | WT | | | |
| | 1597AN | 15 in (375 mm) | 13.0 in (329 mm) | * | | | |
| | 1597AN65BB | 15 in (375 mm) | 7.8 in (197 mm) | WT | | | |
| | 1897AN | 18 in (450 mm) | 17.4 in (443 mm) | * | | | |
| | 1897AN65BB | 18 in (450 mm) | 6.7 in (170 mm) | WT | | | |
| | 2497AN | 24 in (600 mm) | 22.1 in (560 mm) | * | | | |
| | 2497AN65BB | 24 in (600 mm) | 9.5 in (240 mm) | WT | | | |
| | 3097AN | 30 in (750 mm) | 25.8 in (656 mm) | * | | | |
| | 3097AN65BB | 30 in (750 mm) | 13.5 in (342 mm) | WT | | | |
| * = PLAIN END WT = WATER TIGHT ** LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS | | | | | | | |
| | | | ST & WT (INCLUDES 2 GASKETS) | | | | |
|  | | |  | | | | |
| PLAIN END | | | | | | | |
| <div>  <div> ADVANCED DRAINAGE SYSTEMS, INC. NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY © 2021 Advanced Drainage Systems, Inc. </div> </div> | | | | | | | |
| DRAWING #: | 2212 | DRAWN BY: | JCB | DATE: | 04.06.06 | | |
| APPROVED BY: | JCB | REVISIONS: | TJR | DATE: | 06.25.07 | | |
| | | | | | 4/26/2016 | | |

PLAIN END

* = PLAIN END
WT = WATER TIGHT

**** LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS**



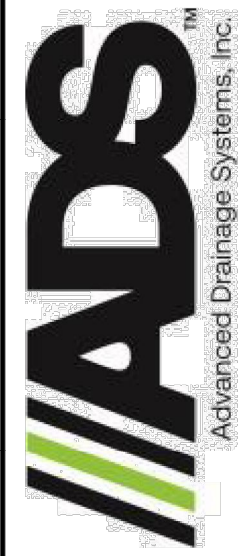
| | |
|--------------|-----------|
| DRAWING #: | 2212 |
| DRAWN BY: | JCB |
| APPROVED BY: | JCB |
| REVISIONS: | TJR |
| | 04/06/06 |
| | 06/25/07 |
| | 4/26/2016 |
| | |
| | |

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY

© 2021 Advanced Drainage Systems, Inc.

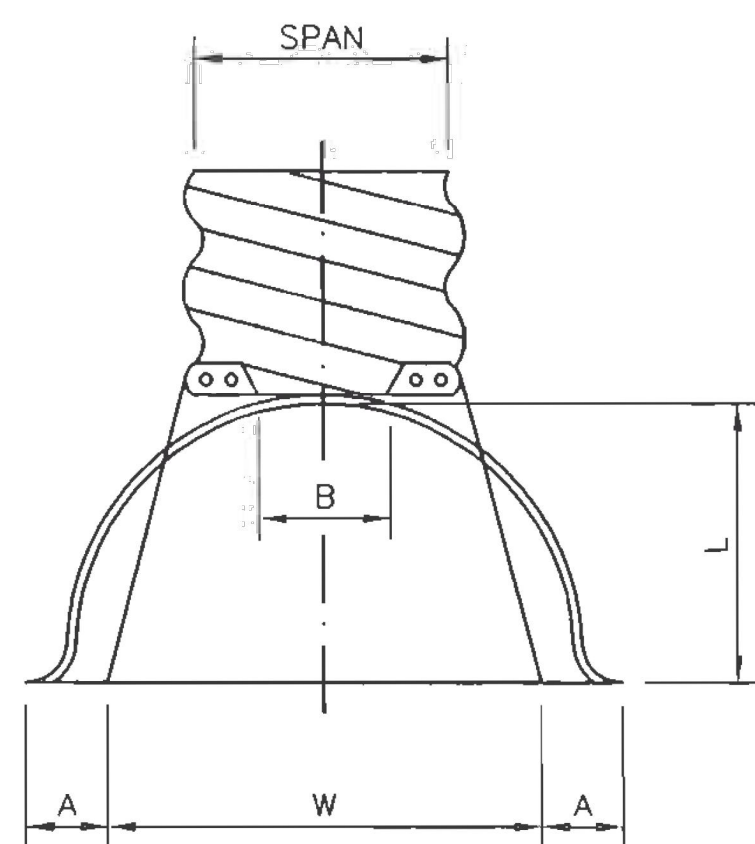
| DUAL WALL FABRICATED 22.5° BENDS 4" - 30" DIAMETER | | | | | DRAWING #: | | | | DRAWN BY: | | | | APPROVED BY: | | | | REVISIONS: | | | | DATE | | | |
|---|--|--|--|--|------------|--|--|--|-----------|--|--|--|--------------|--|--|--|------------|--|--|--|-----------|--|--|--|
| | | | | | 2205 | | | | JCB | | | | JCB | | | | TJR | | | | 4/26/2016 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

* = PLAIN END
ST = SOIL TIGHT
WT = WATER TIGHT
** LIMITED AVAILABILITY. PLEASE SEE INJECTION MOLDED FITTING SECTION FOR OTHER AVAILABLE FITTINGS

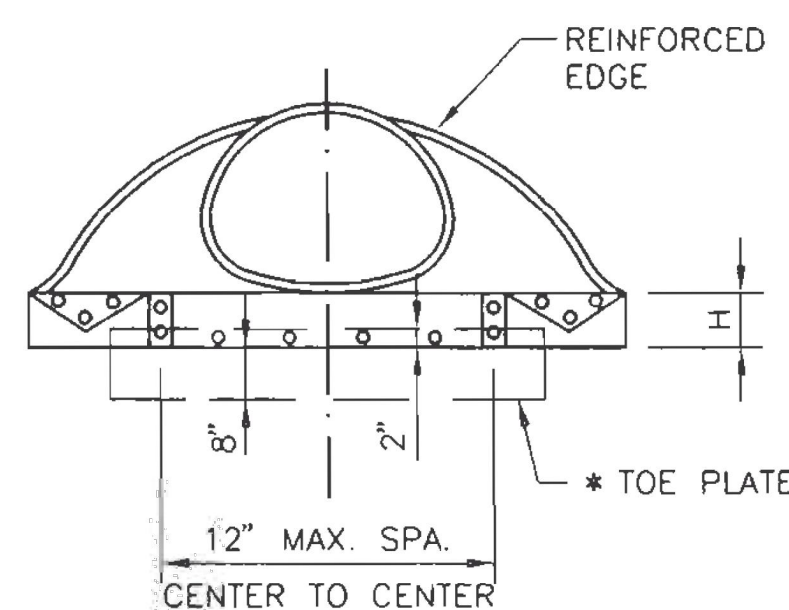


| | | |
|--------------|------|-----------|
| DRAWING #: | 2205 | |
| DRAWN BY: | JCB | 04.06.06 |
| APPROVED BY: | JCB | 06.25.07 |
| REVISIONS: | TJR | 4/26/2016 |
| | | |

NOTE: ALL FITTINGS DIMENSIONS ARE FOR REFERENCE ONLY
© 2021 Advanced Drainage Systems, Inc.

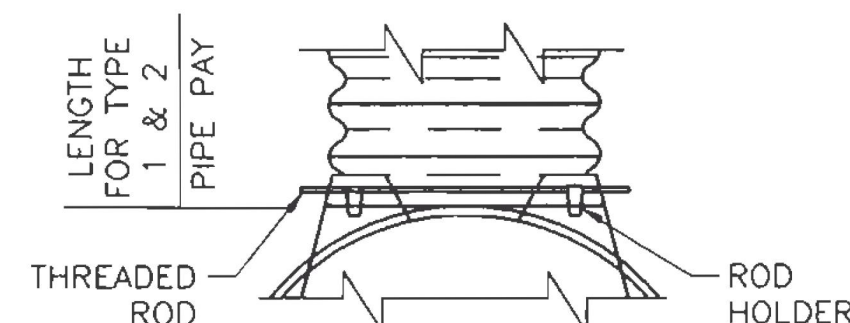


PLAN



ELEVATION

NOTE: SIZES EQUIVALENT TO THE ABOVE, USING 3" x 1" CORRUGATIONS, MAY BE USED PROVIDING THAT THEY MEET THE SIZES SHOWN UNDER TABLE 6 OF SERIAL 206-04-1/3 THRU 206-04-3/3.



TYPE 2

FOR 17" x 13" THRU 57" x 38"

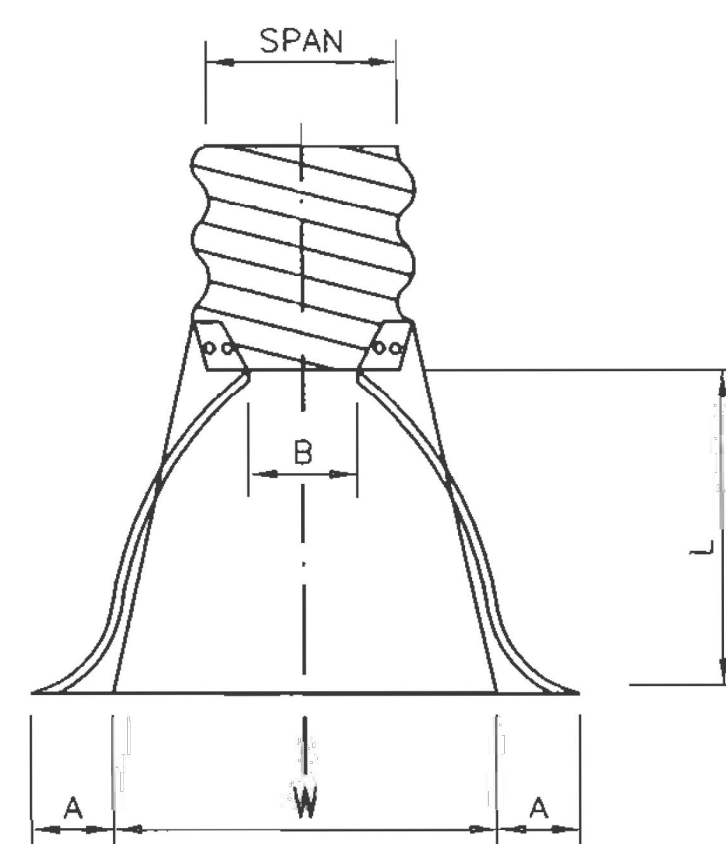
| PIPE ARCH DIMENSIONS | | GALVANIZED THICKNESS GA. | DIMENSIONS | | | | | APPROX. SLOPE | BODY |
|----------------------|------------|--------------------------|----------------|----------------|----------------|-----------------|----------------|---------------|-------|
| SPAN (IN.) | RISE (IN.) | | A (IN.) (± 1") | B (IN.) (MAX.) | H (IN.) (± 1") | L (IN.) (± 1½") | W (IN.) (± 2") | | |
| 17 | 13 | 16 | 7 | 9 | 6 | 19 | 30 | 2 1/2:1 | 1 PC. |
| 21 | 15 | 16 | 7 | 10 | 6 | 23 | 36 | 2 1/2:1 | 1 PC. |
| 24 | 18 | 16 | 8 | 12 | 6 | 28 | 42 | 2 1/2:1 | 1 PC. |
| 28 | 20 | 16 | 9 | 14 | 6 | 32 | 48 | 2 1/2:1 | 1 PC. |
| 35 | 24 | 14 | 10 | 16 | 6 | 39 | 60 | 2 1/2:1 | 1 PC. |
| 42 | 29 | 14 | 12 | 18 | 6 | 46 | 75 | 2 1/2:1 | 1 PC. |
| 49 | 33 | 12 | 13 | 21 | 9 | 53 | 85 | 2 1/2:1 | 2 PC. |
| 57 | 38 | 12 | 18 | 26 | 12 | 63 | 90 | 2 1/2:1 | 2 PC. |
| 64 | 43 | 12 | 18 | 30 | 12 | 70 | 102 | 2 1/4:1 | 2 PC. |
| 71 | 47 | 12 | 18 | 33 | 12 | 77 | 114 | 2 1/4:1 | 3 PC. |
| 77 | 52 | 12 | 18 | 36 | 12 | 77 | 126 | 2:1 | 3 PC. |
| 83 | 57 | 12 | 18 | 39 | 12 | 77 | 138 | 2:1 | 3 PC. |

* THE CONTRACTOR SHALL VERIFY WITH PROVIDERS FOR CURRENT INDUSTRY SIZES.

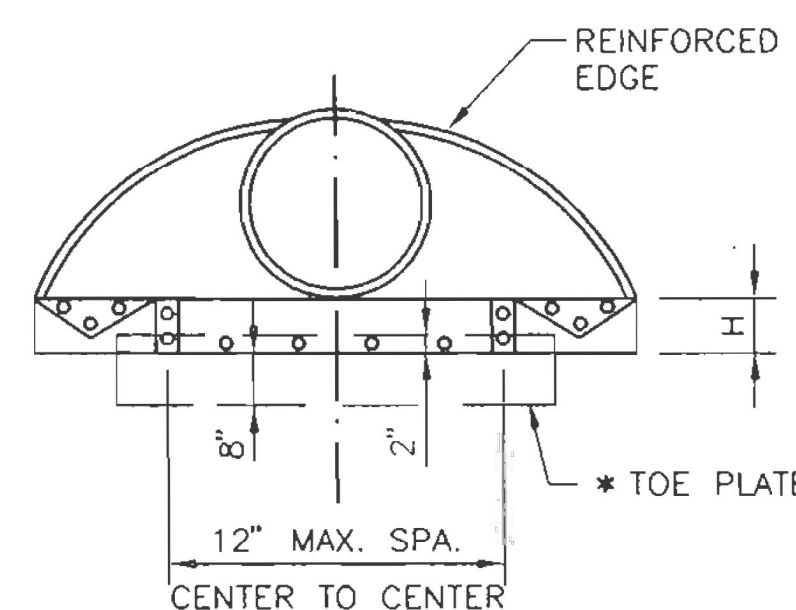
NOTE:

- ALL 3 PIECE BODIES TO HAVE 12 GAUGE THICK SIDES AND 10 GAUGE THICK CENTER PANELS. WIDTH OF CENTER PANELS TO BE GREATER THAN 20% OF THE PIPE PERIPHERY. MULTIPLE PANEL BODIES TO HAVE LAP SEAMS WHICH ARE TO BE TIGHTLY JOINED BY 3/8" GALVANIZED RIVETS OR BOLTS.
- FOR 77" X 52" AND 83" X 57" SIZES, REINFORCED EDGED TO BE SUPPLEMENTED BY L 2" X 2" X 1/4" GALVANIZED ANGLES. THE ANGLES TO BE ATTACHED BY 3/8" GALVANIZED NUTS AND BOLTS.
- ANGLE REINFORCEMENT WILL BE PLACED UNDER THE CENTER PANEL SEAMS ON THE 77" X 52" AND 83" X 57" SIZES.

- TOE PLATE TO BE CONSTRUCTED WHERE SHOWN ON PLANS.



PLAN



ELEVATION

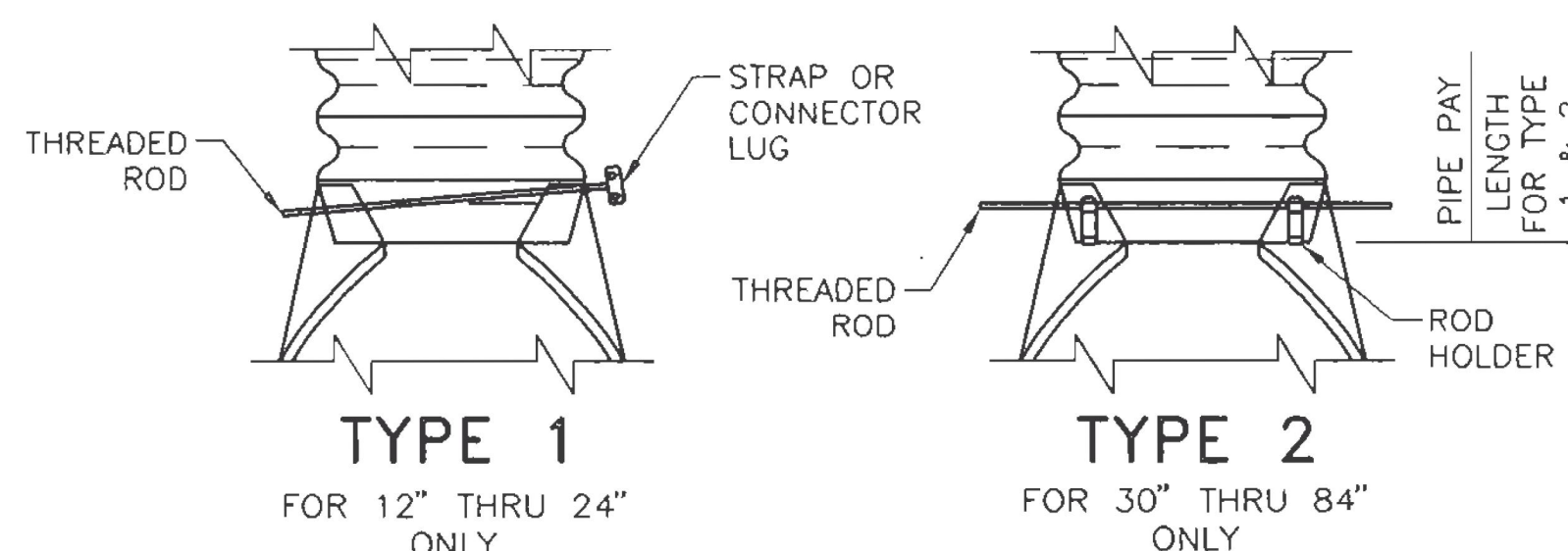
| ROUND PIPE DIMENSIONS | | GALVANIZED THICKNESS GAUGE. | DIMENSIONS | | | | | APPROX. SLOPE | BODY |
|-----------------------|--|-----------------------------|----------------|----------------|----------------|-----------------|----------------|---------------|-------|
| PIPE DIA. (IN.) | | | A (IN.) (± 1") | B (IN.) (MAX.) | H (IN.) (± 1") | L (IN.) (± 1½") | W (IN.) (± 2") | | |
| 12 | | 16 | 6 | 6 | 6 | 21 | 24 | 2 1/2:1 | 1 PC. |
| 15 | | 16 | 7 | 8 | 6 | 26 | 30 | 2 1/2:1 | 1 PC. |
| 18 | | 16 | 8 | 10 | 6 | 31 | 36 | 2 1/2:1 | 1 PC. |
| 21 | | 16 | 9 | 12 | 6 | 36 | 42 | 2 1/2:1 | 1 PC. |
| 24 | | 16 | 10 | 13 | 6 | 41 | 48 | 2 1/2:1 | 1 PC. |
| 30 | | 14 | 12 | 16 | 8 | 51 | 60 | 2 1/2:1 | 1 PC. |
| 36 | | 14 | 14 | 19 | 9 | 60 | 72 | 2 1/2:1 | 2 PC. |
| 42 | | 12 | 16 | 22 | 11 | 69 | 84 | 2 1/2:1 | 2 PC. |
| 48 | | 12 | 18 | 27 | 12 | 78 | 90 | 2 1/4:1 | 2 PC. |
| 54 | | 12 | 18 | 30 | 12 | 84 | 102 | 2:1 | 2 PC. |
| 60 | | 12 | 18 | 33 | 12 | 87 | 114 | 1 3/4:1 | 3 PC. |
| 66 | | 12 | 18 | 36 | 12 | 87 | 120 | 1 1/2:1 | 3 PC. |
| 72 | | 12 | 18 | 39 | 12 | 87 | 126 | 1 1/3:1 | 3 PC. |
| 78 | | 12 | 18 | 42 | 12 | 87 | 132 | 1 1/4:1 | 3 PC. |
| 84 | | 12 | 18 | 45 | 12 | 87 | 138 | 1 1/16:1 | 3 PC. |

* THE CONTRACTOR SHALL VERIFY WITH PROVIDERS FOR CURRENT INDUSTRY SIZES.

NOTE:

- ALL 3 PIECE BODIES TO HAVE 12 GAUGE THICK SIDES AND 10 GAUGE THICK CENTER PANELS. WIDTH OF CENTER PANELS TO BE GREATER THAN 20% OF THE PIPE PERIPHERY. MULTIPLE PANEL BODIES TO HAVE LAP SEAMS WHICH ARE TO BE TIGHTLY JOINED BY 3/8" GALVANIZED RIVETS OR BOLTS.
- FOR 60" THRU 84" SIZES, REINFORCED EDGES TO BE SUPPLEMENTED WITH GALVANIZED STIFFENER ANGLES. THE ANGLES WILL BE L 2" X 2" X 1/4" FOR 60" THRU 78" DIAMETER AND L 2 1/2" X 2 1/2" X 1/4" FOR 78" AND 84" DIAMETER. THE ANGLES TO BE ATTACHED BY 3/8" GALVANIZED NUTS AND BOLTS.

- TOE PLATE TO BE CONSTRUCTED WHERE SHOWN ON PLANS.



TYPE 1

FOR 12" THRU 24" ONLY

TYPE 2

FOR 30" THRU 84" ONLY

STANDARD CONNECTION

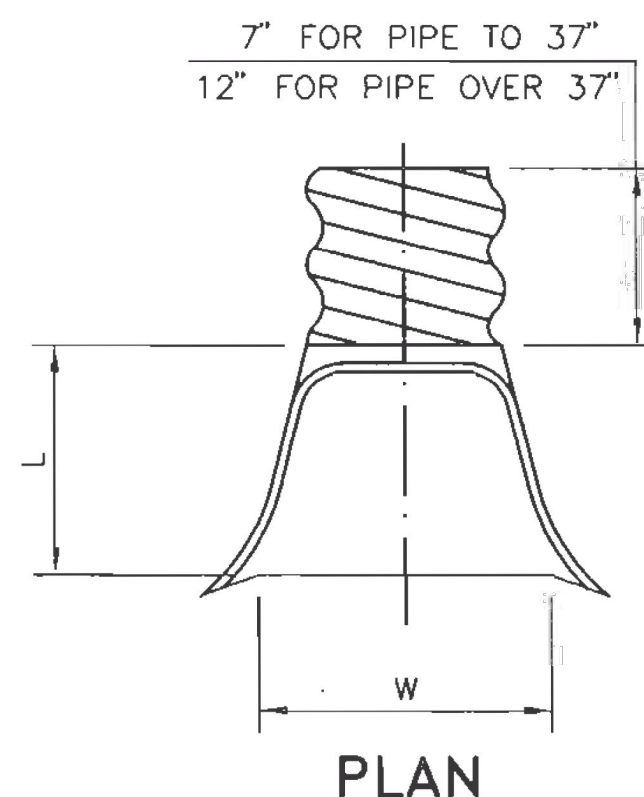
STANDARD END SECTIONS FOR PIPE-ARCH STEEL PIPE

STANDARD CONNECTIONS

STANDARD END SECTIONS FOR ROUND STEEL PIPE

GENERAL NOTES

- FOR MULTIPLE INSTALLATION OF ALL TYPES, A MIN. OF A 2'-0" SPACING MEASURED ALONG THE HORIZONTAL BETWEEN FLARED END SECTIONS AT THEIR WIDEST CROSS SECTION SHALL BE USED.
- WELDING WILL NOT BE PERMITTED IN CONNECTING END SECTIONS TO CONNECTOR SECTIONS OR CONNECTOR SECTIONS TO PIPE.
- TYPE 1 AND TYPE 2 MAY BE USED WITH WELDED SEAM OR LOCKSEAM CONNECTIONS HELICALLY CORRUGATED PIPE WITH REROLLED ENDS. REROLLED ENDS SHALL INCLUDE A MINIMUM OF TWO ANNULAR CORRUGATIONS OF THE SAME SIZE AS THE PIPE CORRUGATIONS.



PLAN

CORRUGATED ALUMINUM PIPE END SECTION

| PIPE DIAM. (IN.) | APRONS | |
|------------------|---------|---------|
| | L (IN.) | W (IN.) |
| 18 | 19 | 30 |
| 21 | 23 | 36 |
| 24 | 28 | 42 |
| 30 | 31.5 | 48 |
| 36 | 38.5 | 60 |
| 42 | 47 | 75 |
| 48 | 54 | 85 |
| 60 | 63 | 96 |
| 66 | 70 | 112 |
| 72 | 77 | 128 |



| 2/10/09 | YML | CORRECTED 0.6 GA. TO 3/8" # | |
|--|------|----------------------------------|-------------|
| 2/10/09 | YML | MADE GENERAL REVISIONS | |
| 2/10/09 | YML | CORRECTED 83" x 35" TO 83" x 57" | |
| NO. | DATE | REV. BY | DESCRIPTION |
| REVISIONS (OR CHANGE NOTICES) | | | |
| NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING | | | |
| CULVERT PIPE END SECTIONS (METAL) | | | |
| DESIGNED BY _____ DRAWN BY SKL CHECKED BY TM/YML | | | |
| 570-02-1/2 | | | |



A. TOP OF SLAB REFERENCE ELEVATION = 100'-0" UNO. SEE CIVIL FOR MEAN SEA LEVEL ELEVATIONS.

B. BOTTOM OF FOOTING ELEVATION = 98'-0".

C. SEE 5002 FOR CONTIGUOUS JOINT SPACING MINIMUM REQUIREMENTS.

D. ALL DIMENSIONS TO OUTSIDE FACE OF CONCRETE STEM WALL OR COLUMN CENTERLINE, UNO.

E. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.

F. SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION.

G. BUILDING MANUFACTURER TO DESIGN COLUMN ANCHORAGE AND BASEPLATE TO FOUNDATION.

1. SLAB: 6" CONCRETE SLAB ON GRADE WITH #4 @ 18" OC EW.
2. WALL: PRE-ENGINEERED METAL BUILDING PANEL LOCATION.
3. FOOTING: 1'-4" WIDE CONTINUOUS FOOTING WITH 2 - #4 CONTINUOUS AND #4 @ 18" OC TRANSVERSE.
4. FOOTING: SEE FOOTING SCHEDULE.
5. BASE PLATE: SIZE AND LOCATION BY PEMB MANUFACTURER
6. SLAB: SLAB SLOPED TO DRAIN. SEE ARCHITECTURAL AND MECHANICAL FOR LOCATIONS AND SLOPE
7. ARCHITECTURAL DRAWINGS REFER TO GRID LINE TO EDGE OF STEEL. STRUCTURAL DIMENSIONS REFLECT THE EDGE OF CONCRETE.

| FOOTING DESIGN LOADS | | | |
|----------------------|------------------------------------|-----------------------------------|---------|
| TYPE | MAXIMUM VERTICAL LOAD (UNFACTORED) | MAXIMUM LATERAL LOAD (UNFACTORED) | REMARKS |
| A | 4,500 lbs | 1500 lbs | |
| B | 10,500 lbs | 1500 lbs | |
| C | 18,000 lbs | 2000 lbs | |

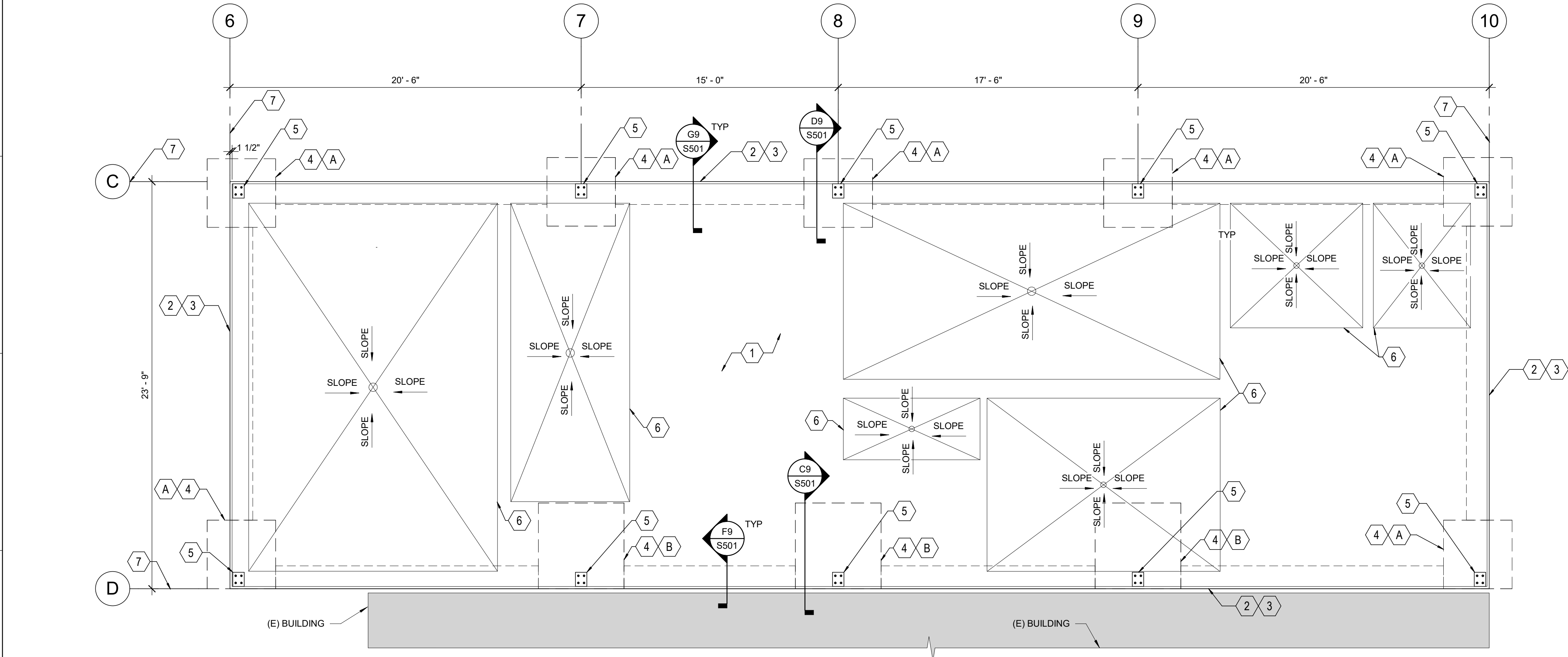
| TYPE | MAXIMUM VERTICAL LOAD (UNFACTORED) | MAXIMUM LATERAL LOAD (UNFACTORED) | REMARKS |
|------|------------------------------------|-----------------------------------|---------|
| A | 4,500 lbs | 1500 lbs | |
| B | 10,500 lbs | 1500 lbs | |
| C | 18,000 lbs | 2000 lbs | |

3/16" = 1'-0"

SHEET OF

9/24/2024 3:02:09 PM

H
G
F
E
D
C
B
A



A1 KITCHEN FOUNDATION PLAN
1/4" = 1'-0"

GENERAL SHEET NOTES

- A. TOP OF SLAB REFERENCE ELEVATION = 100'-0" UNO. SEE CIVIL FOR MEAN SEA LEVEL ELEVATIONS.
B. BOTTOM OF FOOTING ELEVATION = 98'-0".
C. SEE S002 FOR CONTROL JOINT SPACING MINIMUM REQUIREMENTS.
D. ALL DIMENSIONS TO OUTSIDE FACE OF CONCRETE STEM WALL OR COLUMN CENTERLINE, UNO.
E. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
F. SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION.
G. BUILDING MANUFACTURER TO DESIGN COLUMN ANCHORAGE AND BASEPLATE TO FOUNDATION.

SHEET KEYNOTES

1. SLAB: 6" CONCRETE SLAB ON GRADE WITH #4 @ 18" OCEW.
2. WALL: PRE-ENGINEERED METAL BUILDING PANEL LOCATION.
3. FOOTING: 1'-4" WIDE CONTINUOUS FOOTING WITH 2 - #4 CONTINUOUS AND #4 @ 18" OC TRANSVERSE.
4. FOOTING: SEE FOOTING SCHEDULE.
5. BASE PLATE: SIZE AND LOCATION BY PEMB MANUFACTURER.
6. SLAB: SLAB SLOPED TO DRAIN, SEE ARCHITECTURAL AND MECHANICAL FOR LOCATIONS AND SLOPE.
7. ARCHITECTURAL DRAWINGS REFER TO GRID LINE TO EDGE OF STEEL. STRUCTURAL DIMENSIONS REFLECT THE EDGE OF CONCRETE..

STEEL BUILDING COLUMN REACTIONS:

COLUMN FOOTING DESIGNED TO RESIST THE FOLLOWING MAXIMUM LOADS.
CONTRACTOR MUST NOTIFY STRUCTURAL ENGINEER IF THE BUILDING COLUMN LOADS EXCEED THE DESIGN VALUES.

| FOOTING DESIGN LOADS | | | |
|----------------------|------------------------------------|-----------------------------------|---------|
| TYPE | MAXIMUM VERTICAL LOAD (UNFACTORED) | MAXIMUM LATERAL LOAD (UNFACTORED) | REMARKS |
| A | 4,500 lbs | 1500 lbs | |
| B | 10,500 lbs | 1500 lbs | |
| C | 18,000 lbs | 2000 lbs | |

FOOTING AND PIER SCHEDULE

| TYPE | SIZE | THICKNESS | BOTTOM REINF. | TOP REINF. | PIER SIZE | PIER VERT REINF. | PIER TIES |
|------|-------|-----------|---------------|------------|-----------|------------------|------------------------------|
| A | 4'-0" | 1'-4" | 7- #4 EW | 7- #4 EW | 1'- 4" SQ | 8 - #4 | 3-#3 @3" OC TOP RE: #3@6" OC |
| B | 5'-0" | 1'-4" | 9- #4 EW | 9- #4 EW | 1'- 4" SQ | 8 - #4 | 3-#3 @3" OC TOP RE: #3@6" OC |
| C | 6'-0" | 1'-4" | 9- #4 EW | 9- #4 EW | 1'- 4" SQ | 8 - #4 | 3-#3 @3" OC TOP RE: #3@6" OC |

WILSON & COMPANY
4401 MASTHEAD STREET NE
SUITE 150
ALBUQUERQUE, NM 87109
PHONE: (505) 348-4000

CONSULTANTS

SEAL



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

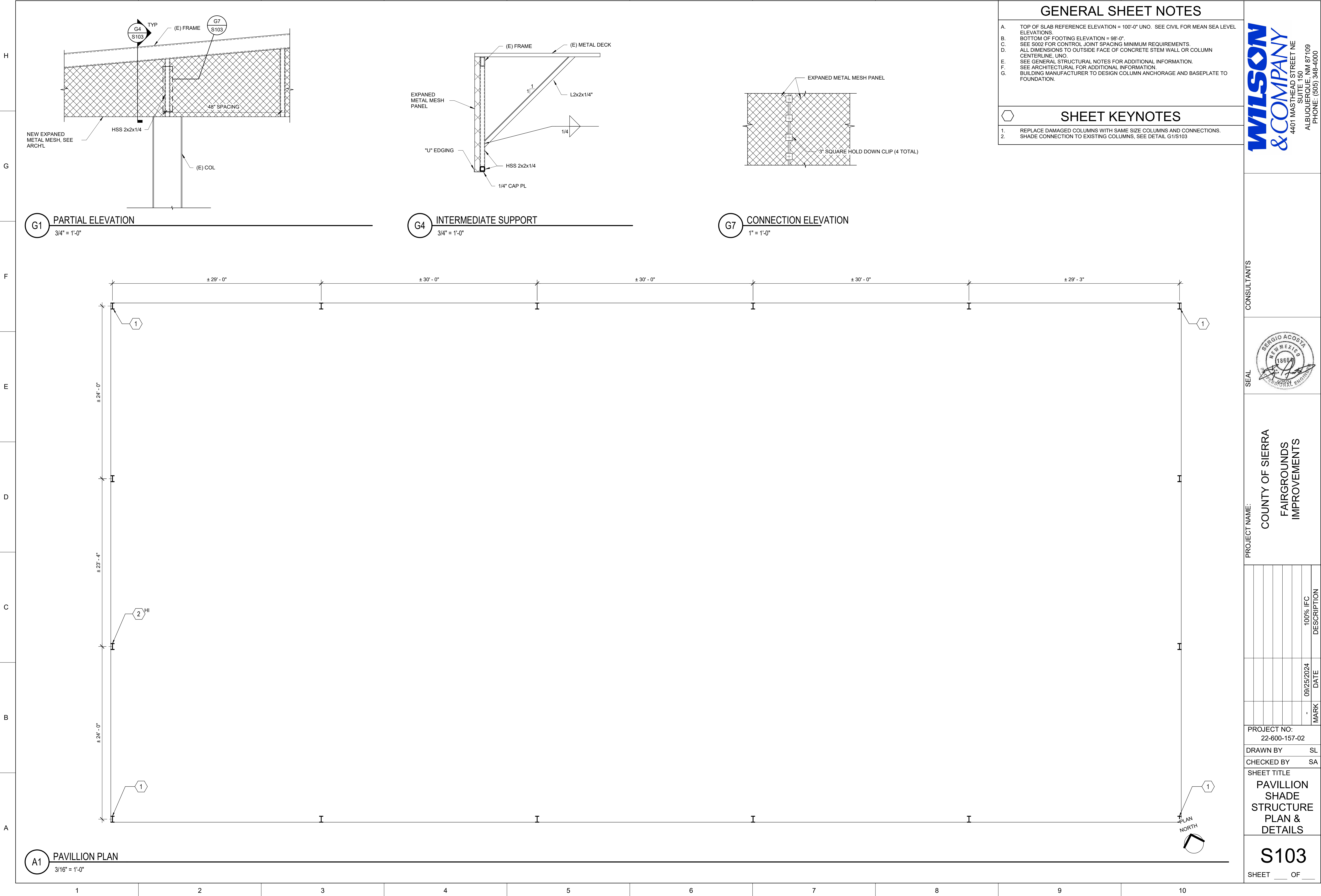
| MARK | DATE | 100% IFC DESCRIPTION |
|------|------------|----------------------|
| - | 09/25/2024 | |

PROJECT NO:
22-600-157-02
DRAWN BY
SL
CHECKED BY
SA
SHEET TITLE
EVENT BARN
ADDITION
FOUNDATION
PLAN

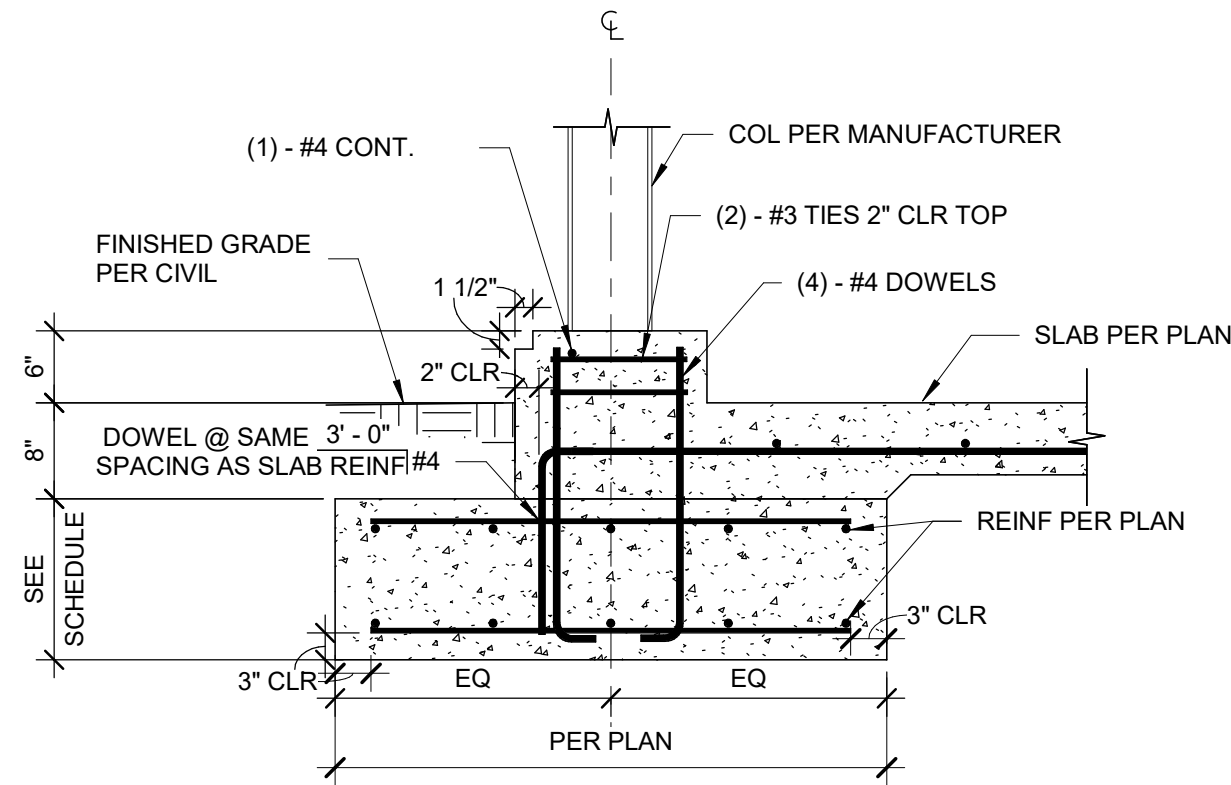
S102

SHEET ___ OF ___

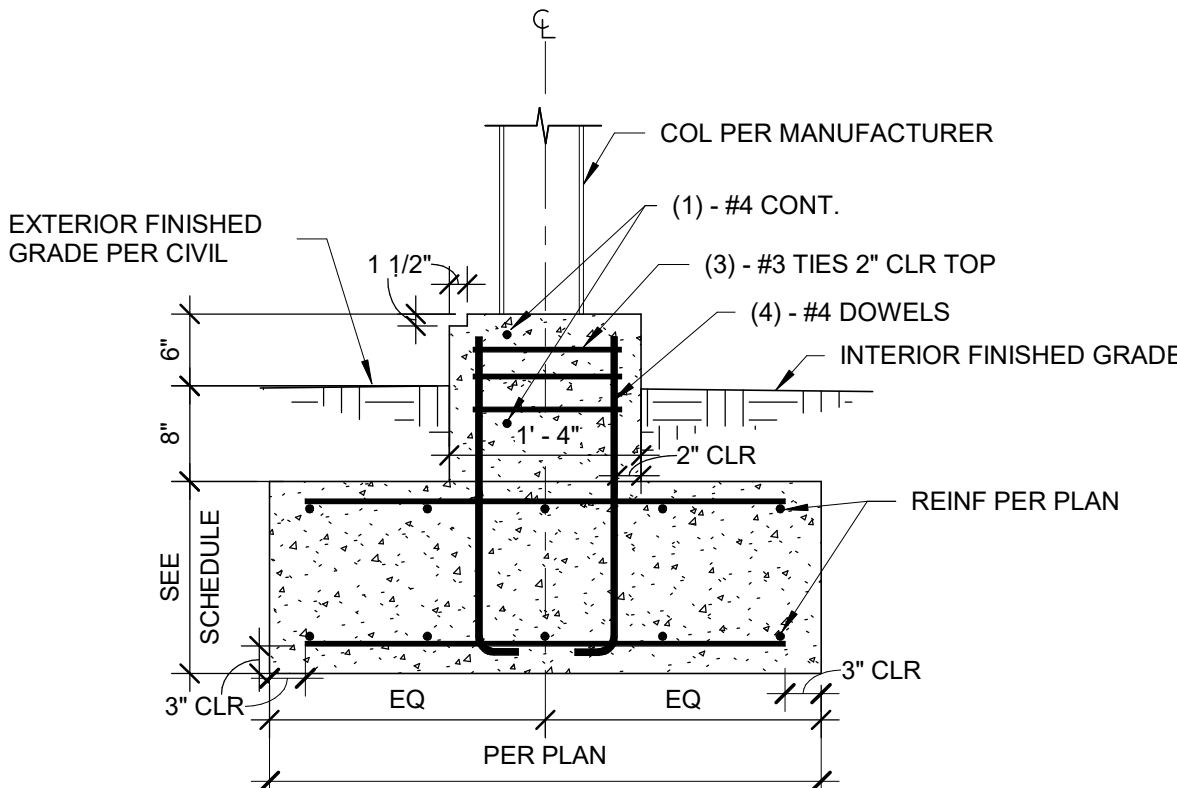
9/24/2024 3:02:09 PM



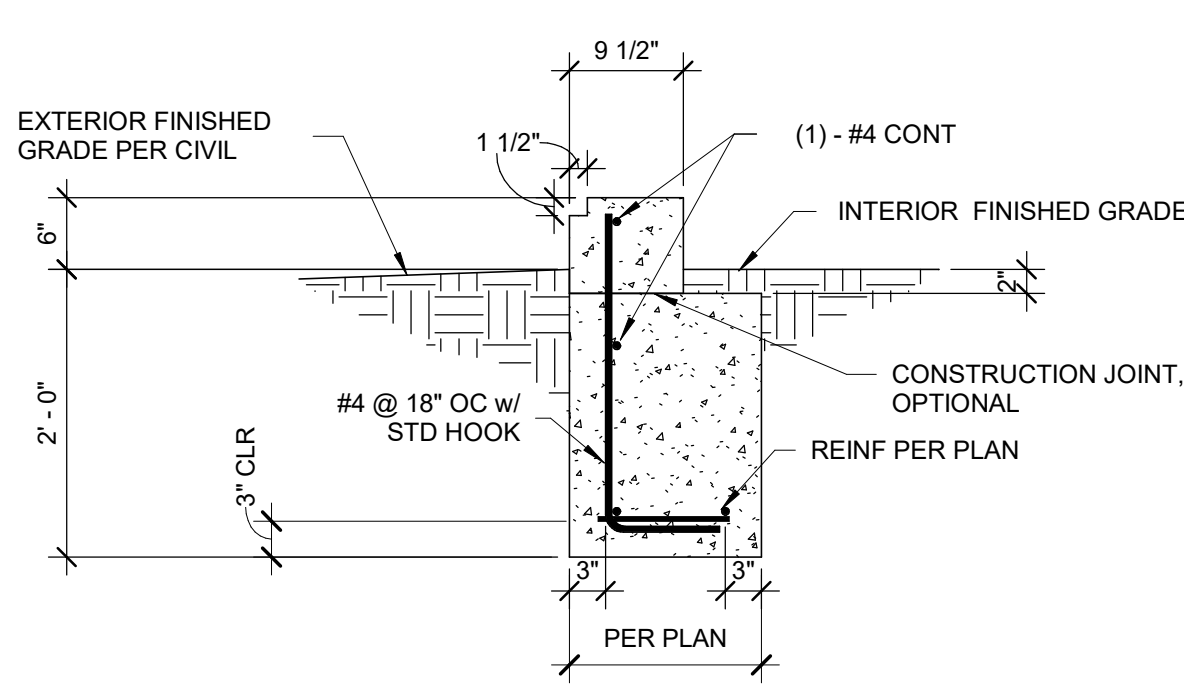
9/24/2024 3:02:09 PM



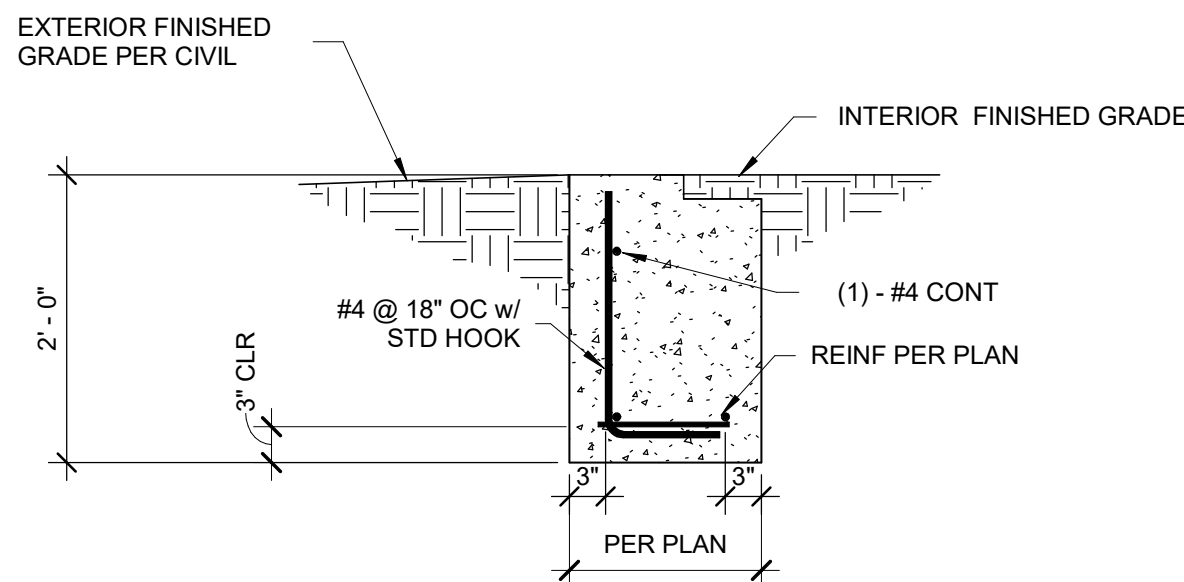
G3 WASH ROOM COLUMN FOOTING
3/4" = 1'-0"



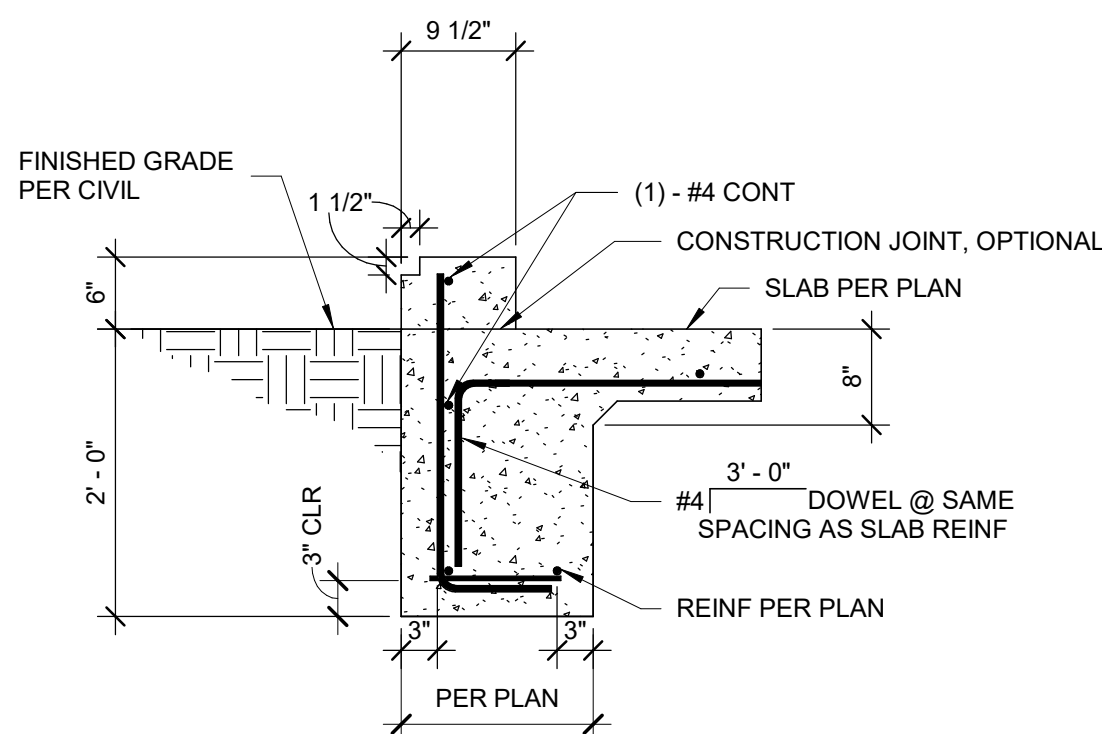
E3 MULTI-PURPOSE CENTER COLUMN FOOTING
3/4" = 1'-0"



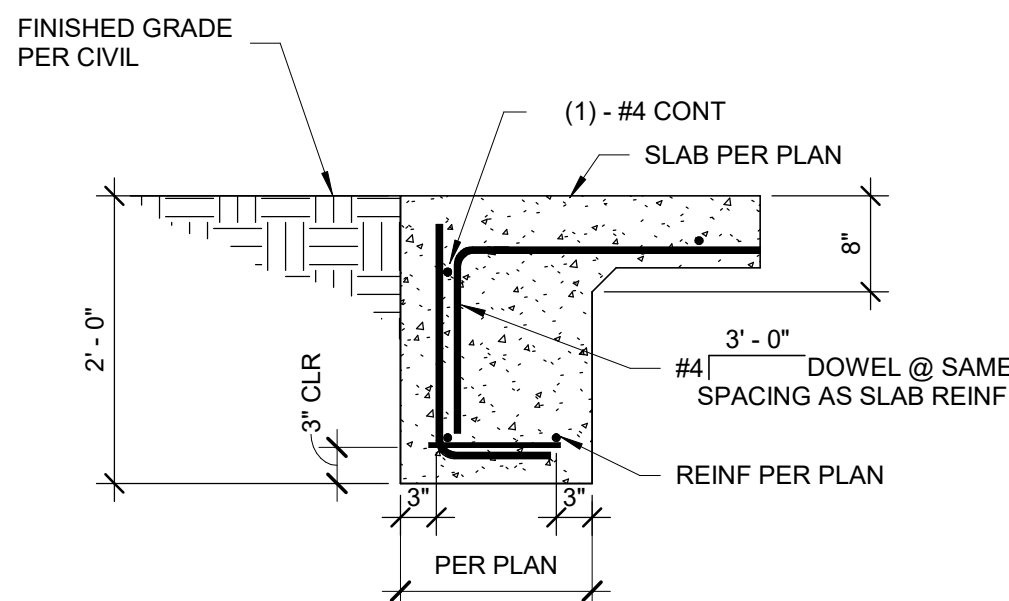
H6 MULTI-PURPOSE CENTER PERIMETER FOOTING
3/4" = 1'-0"



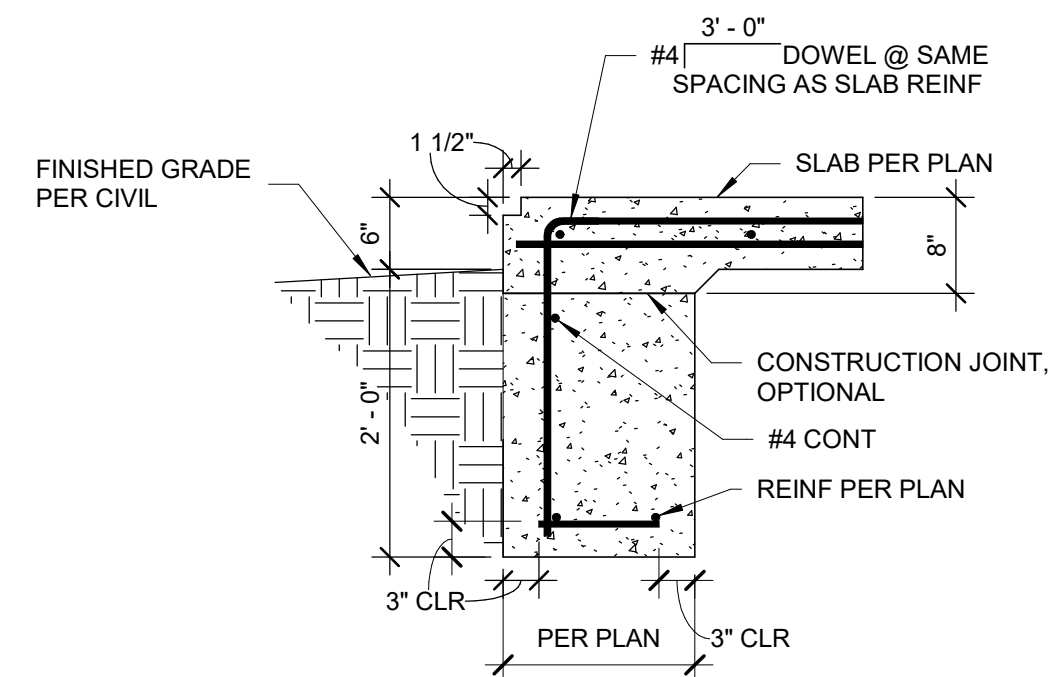
F6 MULTI-PURPOSE CENTER PERIMETER FOOTING @ OPENINGS
3/4" = 1'-0"



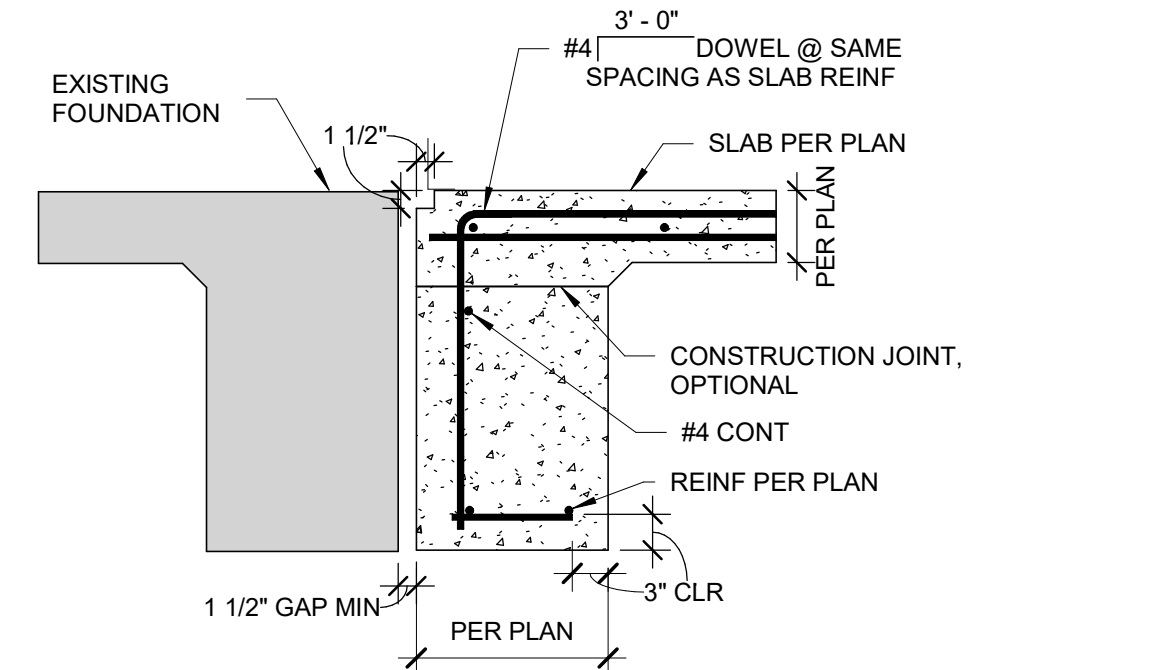
D6 WASH ROOM PERIMETER FOOTING
3/4" = 1'-0"



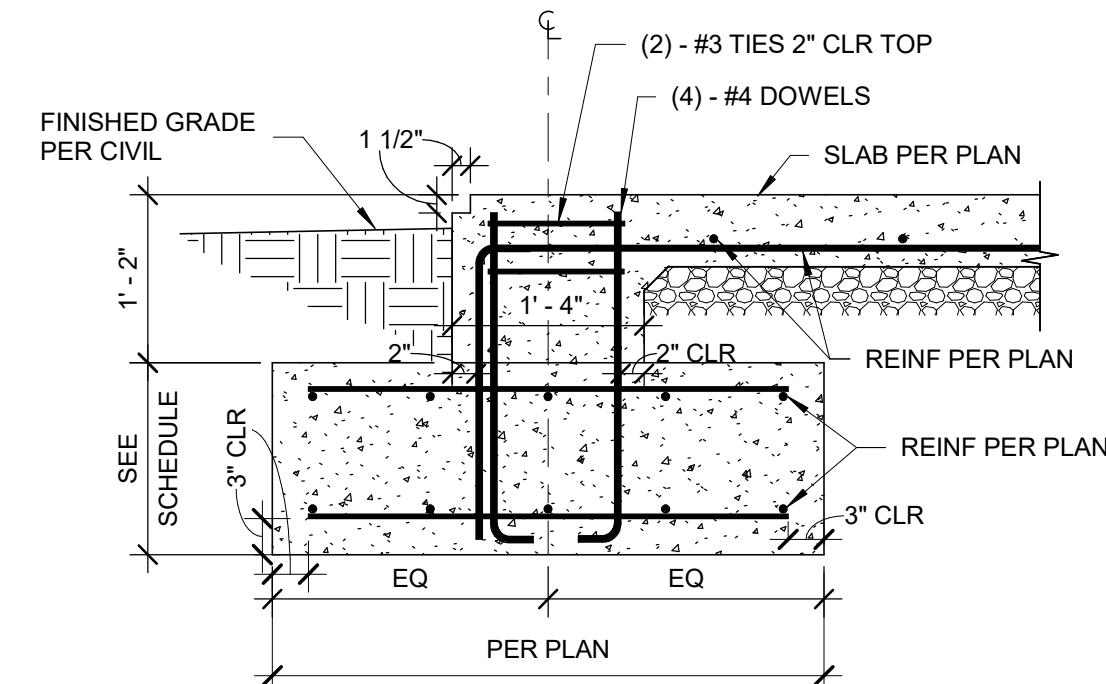
C6 WASH ROOM PERIMETER FOOTING @ OPENINGS
3/4" = 1'-0"



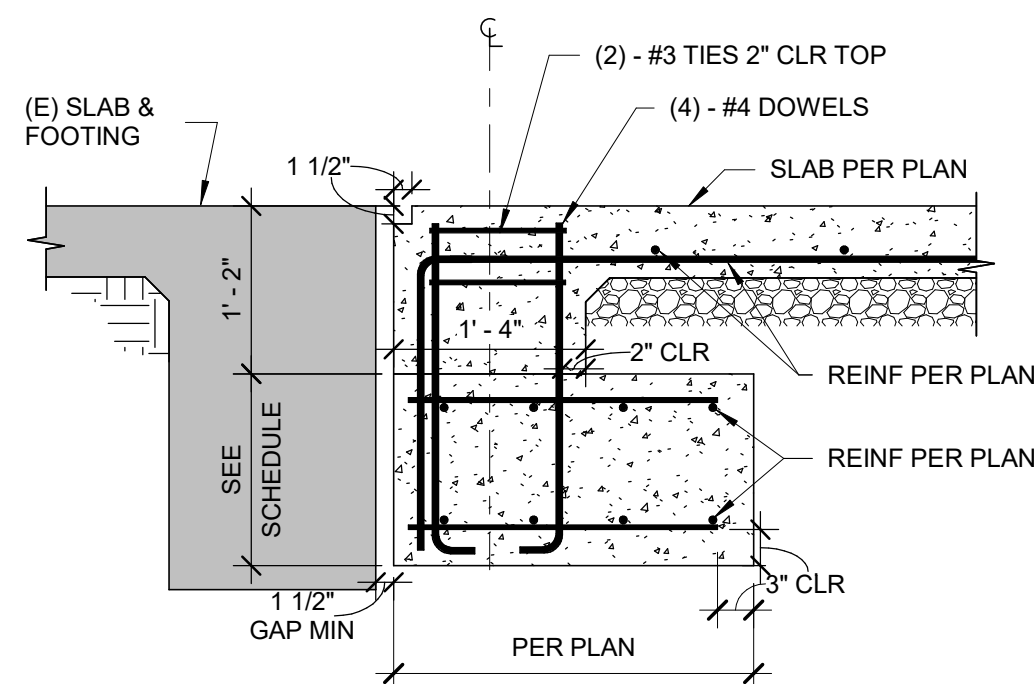
G9 EVENT BARN PERIMETER FOOTING
3/4" = 1'-0"



F9 EVENT BARN PERIMETER FOOTING AT EXISTING FOOTING
3/4" = 1'-0"



D9 EVENT BARN COLUMN FOOTING
3/4" = 1'-0"



C9 EVENT BARN COLUMN FOOTING @ EXISTING FOUNDATION
3/4" = 1'-0"

WILSON & COMPANY
4401 MASTHEAD STREET NE
SUITE 150
ALBUQUERQUE, NM 87109
PHONE: (505) 348-4000

CONSULTANTS



SEAL

PROJECT NAME:
**COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS**

| MARK | DATE | 100% IFC | DESCRIPTION |
|------|------------|----------|-------------|
| | 09/25/2024 | | |
| - | | | |

PROJECT NO:
22-600-157-02

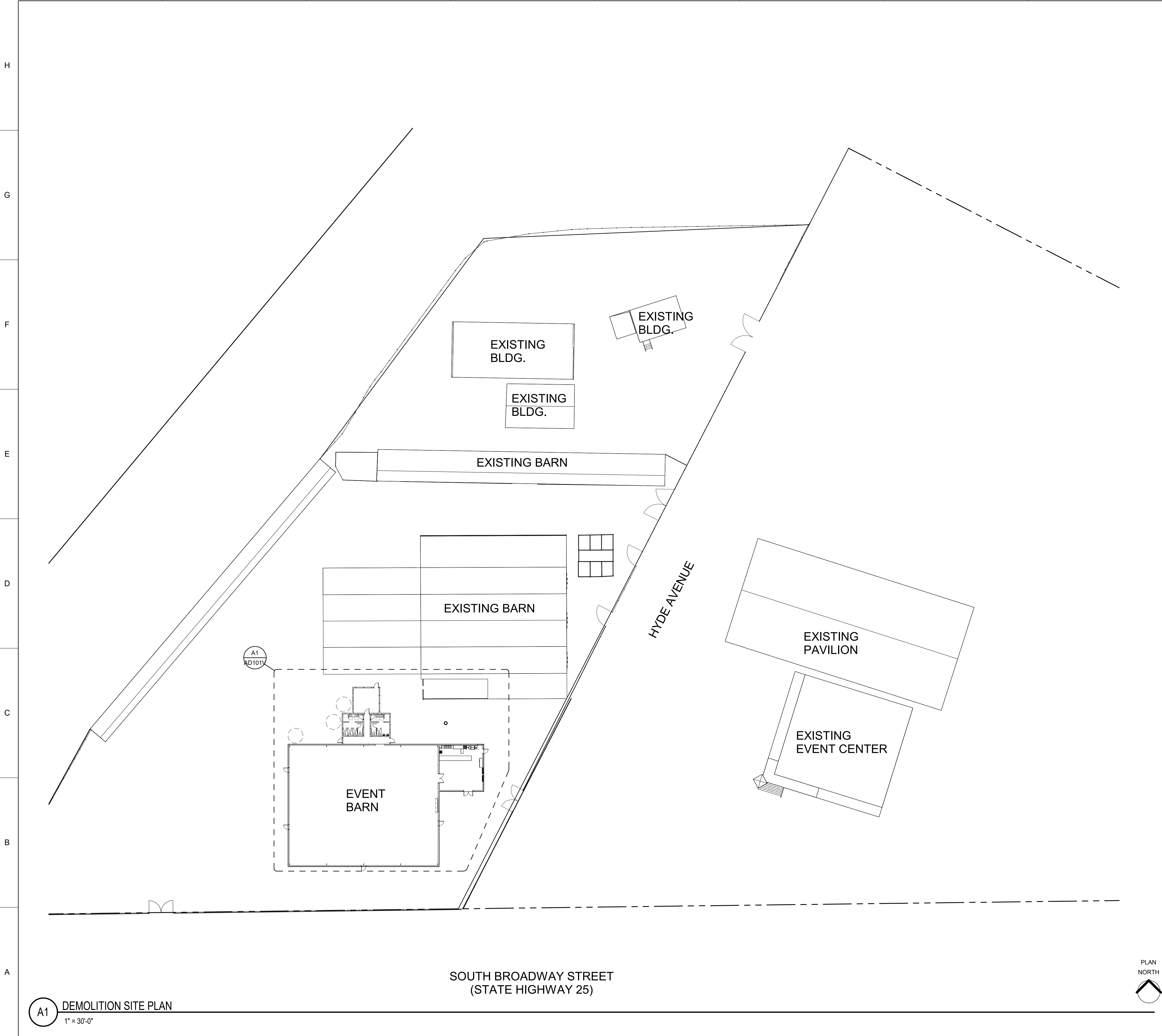
DRAWN BY SL

CHECKED BY SA

SHEET TITLE
**FOUNDATION
DETAILS**

S501
SHEET ___ OF ___

10/19/2024 9:13:05 PM



GENERAL SHEET NOTES

1. VERIFY AND MARK UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
2. FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET OF CALLOUT FOR CLARIFYING INFORMATION.
3. REFER TO ELECTRICAL AND M/E/P FOR DEMOLITION RELATED TO ELECTRICAL AND M/E/P ITEMS.
4. REFER TO SPECIFICATIONS SECTION 02 4100 DEMOLITION FOR REQUIREMENTS.

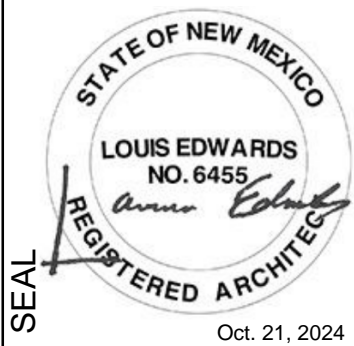
REFERENCE
SPECIFICATION
SECTION
XX XXXX.XX

REFERENCE KEYNOTES

**WILSON
& COMPANY**

414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR DESCRIPTION |
|------|------------|-------------------------|
| - | 10/21/2024 | |

PROJECT NO:
22-600-157-02

DRAWN BY LAE

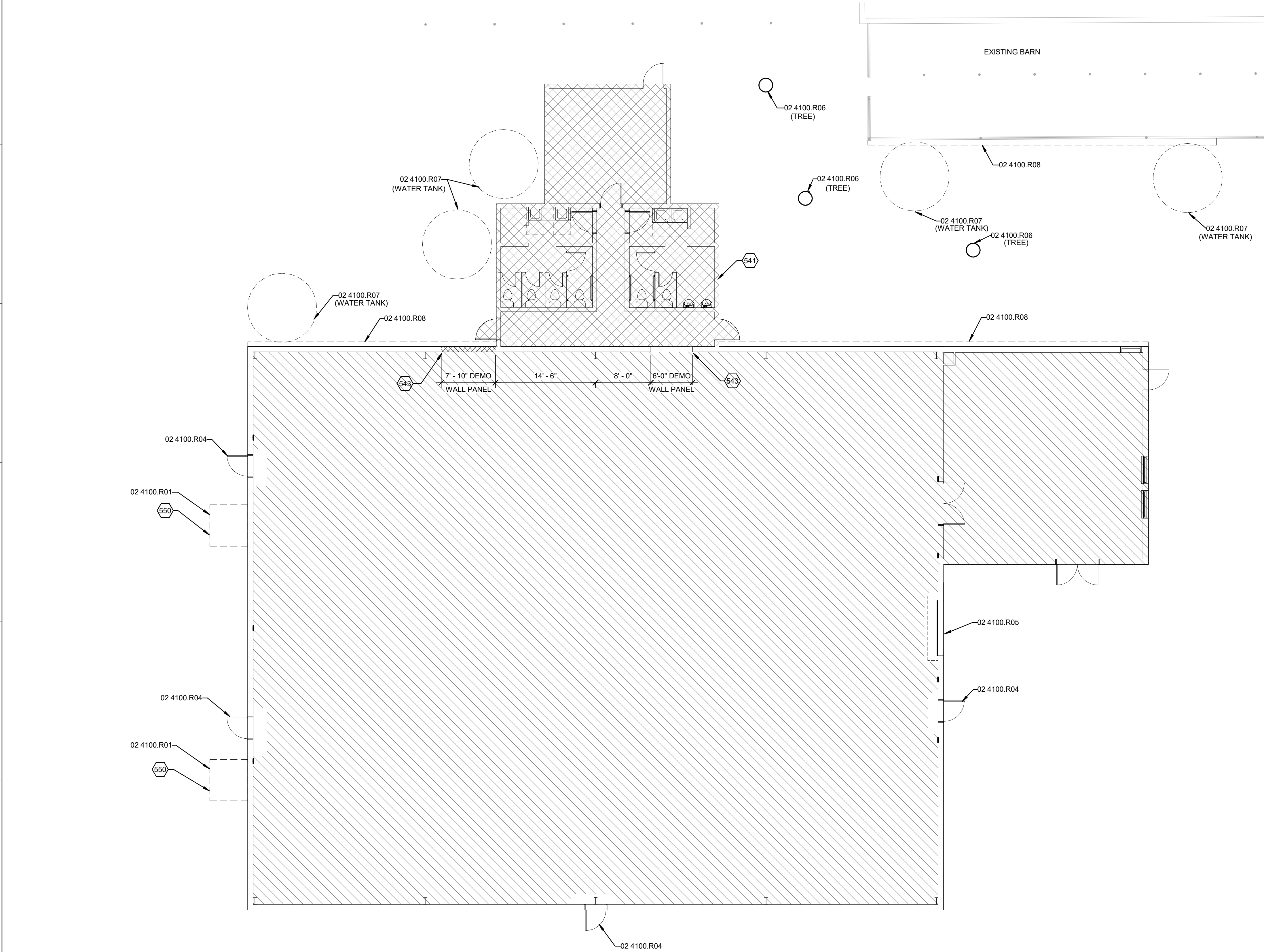
CHECKED BY BB

SHEET TITLE
SITE
DEMOLITION
PLAN

AD101

10/19/2024 9:13:06 PM

H
G
F
E
D
C
B
A



A1 SITE PLAN - DEMOLITION
1/8" = 1'-0"

GENERAL SHEET NOTES

- FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET OF CALLOUT FOR CLARIFYING INFORMATION.
- REFER TO ELECTRICAL AND M/E/P FOR DEMOLITION RELATED TO ELECTRICAL AND M/E/P ITEMS.
- REFER TO SPECIFICATIONS SECTION 02 4100 DEMOLITION FOR REQUIREMENTS.

REFERENCE KEYNOTES

- | REFERENCE SPECIFICATION SECTION | XX XXXX.XX |
|---------------------------------|--|
| 02 4100.R01 | REMOVE AND RELOCATE |
| 02 4100.R04 | REMOVE DOOR PANEL AND DOOR FRAME |
| 02 4100.R05 | REMOVE OVERHEAD DOOR AND FRAME |
| 02 4100.R06 | REMOVE TREE, STUMP, AND ROOTS |
| 02 4100.R07 | REMOVE WATER STORAGE TANK, CLIENT HAS FIRST RIGHT OF REFUSAL |
| 02 4100.R08 | REMOVE GUTTER AND DOWNSPOUTS |

SHEET KEYNOTES

- | | |
|-----|--|
| 541 | DEMOLISH BUILDING IN ITS ENTIRITY |
| 543 | DEMOLISH PORTION OF EXISTING WALL-FACADE AT HEIGHT TO 7'-0". EXISTING BUILDING STRUCTURAL FRAMING SHALL NOT BE AFFECTED. SITE VERIFY OPENINGS PRIOR TO DEMO. |
| 550 | DISCONNECT AND REMOVE EXISTING EVAPORATIVE COOLER, CLIENT TO RETAIN OWNERSHIP |

LEGEND

- | | |
|--|------------------------------------|
| | EXISTING BUILDING TO BE DEMOLISHED |
| | EXISTING BUILDING TO REMAIN |

WILSON & COMPANY
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

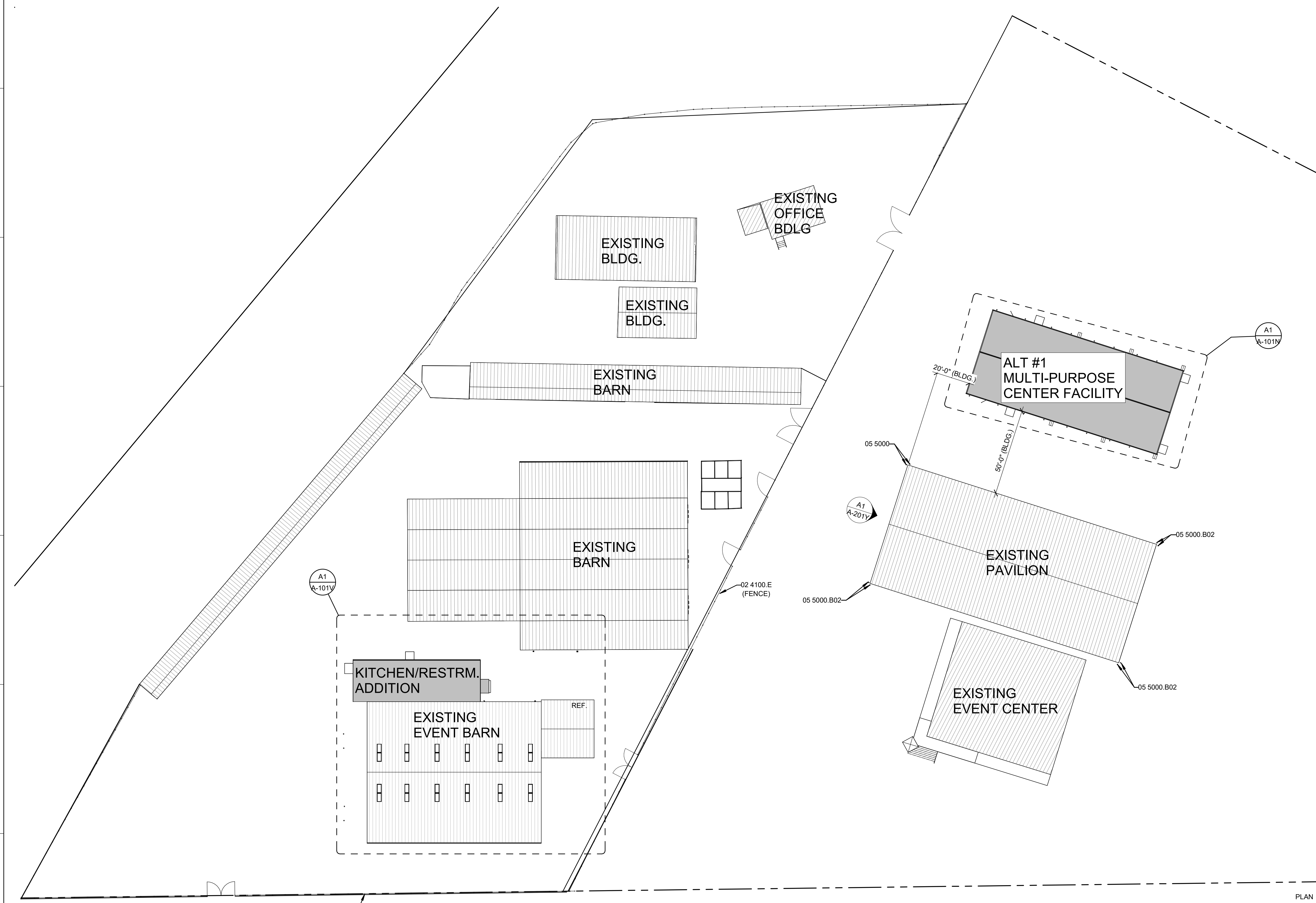
| MARK | DATE | 100% IFR DESCRIPTION |
|------|------------|----------------------|
| - | 10/21/2024 | |

PROJECT NO:
22-600-157-02
DRAWN BY
LAE
CHECKED BY
BB
SHEET TITLE
EVENT BARN
DEMOLITION
PLAN

AD101V

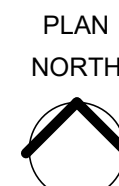
10/19/2024 9:13:06 PM

H
G
F
E
D
C
B
A



A1 SITE PLAN
1" = 30'-0"

SOUTH BROADWAY STREET
(STATE HIGHWAY 25)



GENERAL SHEET NOTES

1. FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET OF CALLOUT FOR CLARIFYING INFORMATION.

REFERENCE
SPECIFICATION
SECTION
XX XXXX.XX

REFERENCE KEYNOTES

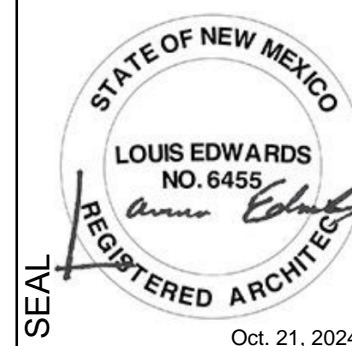
02 4100.E EXISTING TO REMAIN
05 5000 METAL FABRICATIONS
05 5000.B02 BOLLARD

LEGEND

- EXISTING BUILDING
- NEW BUILDING / NEW ADDITION

**WILSON
& COMPANY**
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR DESCRIPTION |
|------|------------|-------------------------|
| - | 10/21/2024 | |

PROJECT NO:
22-600-157-02

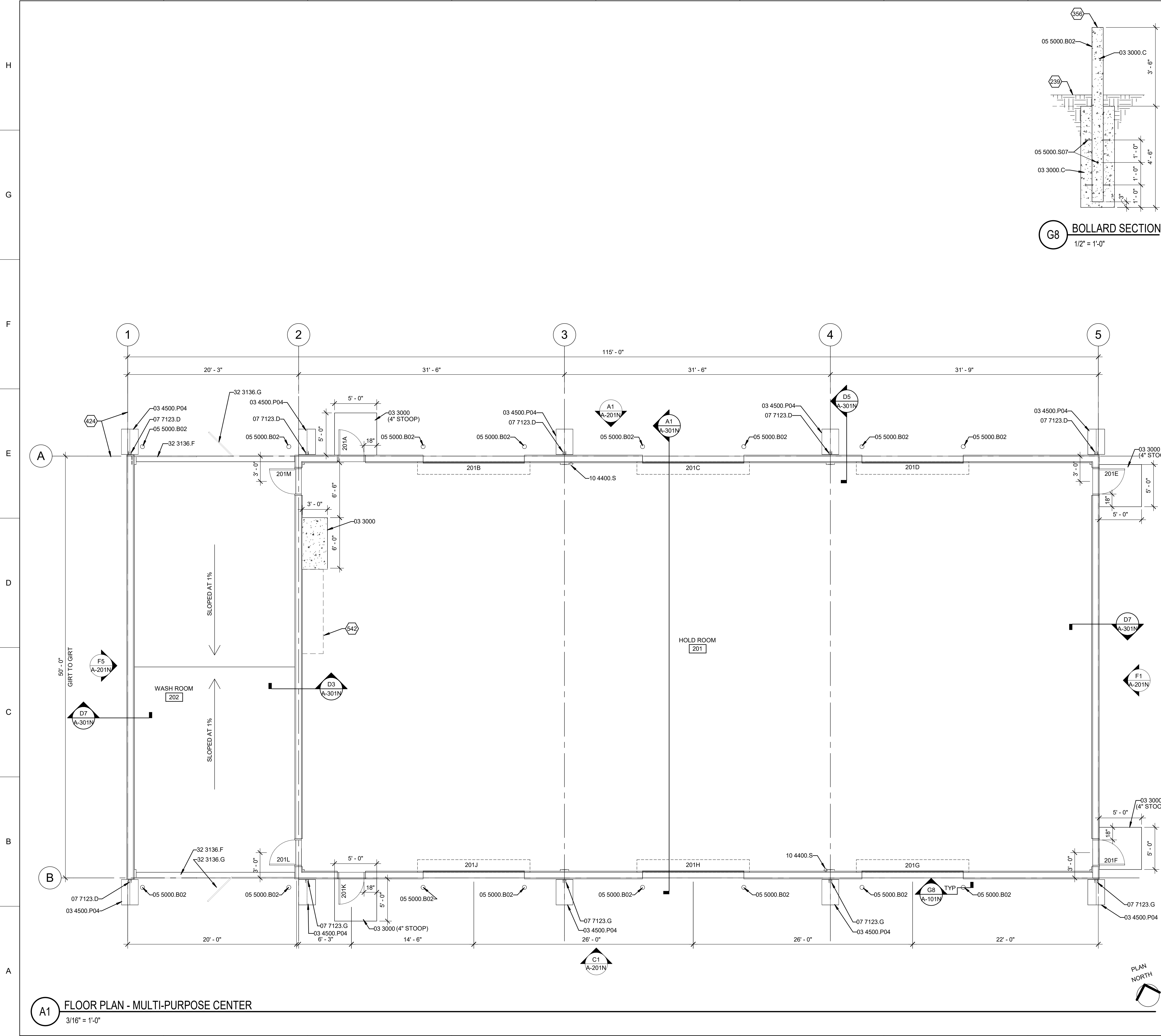
DRAWN BY LAE

CHECKED BY BB

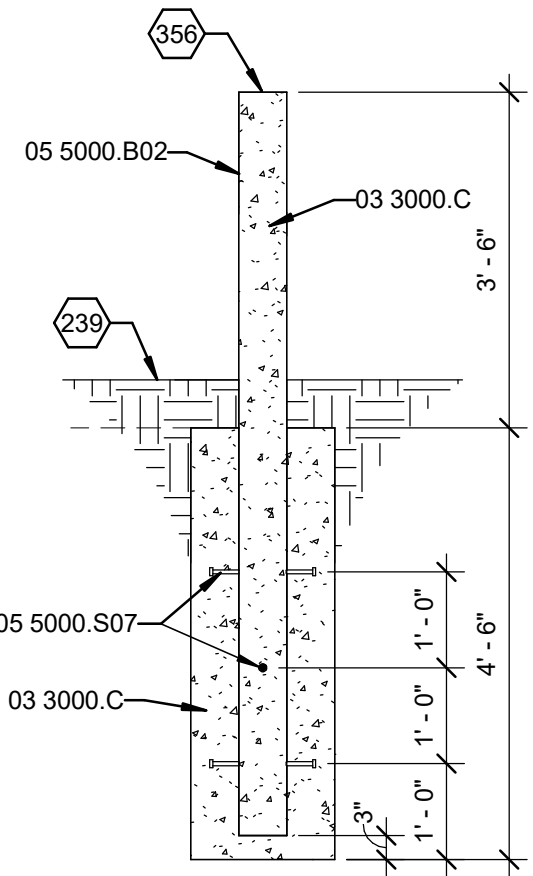
SHEET TITLE
ARCH. SITE
PLAN

AS101

10/19/2024 9:13:07 PM



G8 BOLLARD SECTION
1/2" = 1'-0"



GENERAL SHEET NOTES

- ALL WORK FOR MULTIPURPOSE CENTER FACILITY IS AN ALTERNATE. REFER TO SPECIFICATION 01 2300.
- REFER TO SPECIFICATION 13 3419 METAL BUILDING SYSTEMS FOR BUILDING STRUCUTRE.

REFERENCE SPECIFICATION SECTION
XX XXXX.XX

REFERENCE KEYNOTES

| | |
|-------------|-----------------------------------|
| 03 3000 | CAST-IN-PLACE CONCRETE |
| 03 3000.C | CAST-IN-PLACE CONCRETE |
| 03 4500.P04 | PRECAST CONCRETE SPLASH BLOCK |
| 05 5000.B02 | BOLLARD |
| 05 5000.S07 | STUD ANCHOR |
| 07 7123.D | DOWNSPOUT |
| 07 7123.G | GUTTER |
| 10 4400.S | SURFACE MOUNTED FIRE EXTINGUISHER |
| 32 3136.F | GUARD FENCE PANEL |
| 32 3136.G | GUARD FENCE GATE |

SHEET KEYNOTES

| | |
|-----|--|
| 239 | FINISH GRADE |
| 356 | STRIKE CONCRETE FLUSH WITH TOP OF STEEL. |
| 424 | OUTSIDE FACE OF STEEL (STEEL LINE). |
| 542 | SWINE LOADING CHUTE, OWNER-PROVIDE, CONTRACTOR-INSTALL |

LEGEND

| | |
|-----|--|
| 101 | ROOM IDENTIFIER REFER TO ROOM FINISH SCHEDULE |
| 101 | DOOR TAG AND SYMBOL REFER TO DOOR SCHEDULE |

WILSON & COMPANY
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
**COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS**

| MARK | DATE | 100% IFR DESCRIPTION |
|------|------|----------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

PROJECT NO:
22-600-157-02

DRAWN BY MY

CHECKED BY BB

SHEET TITLE
**MULTI
PURPOSE
CENTER
FLOOR PLAN**

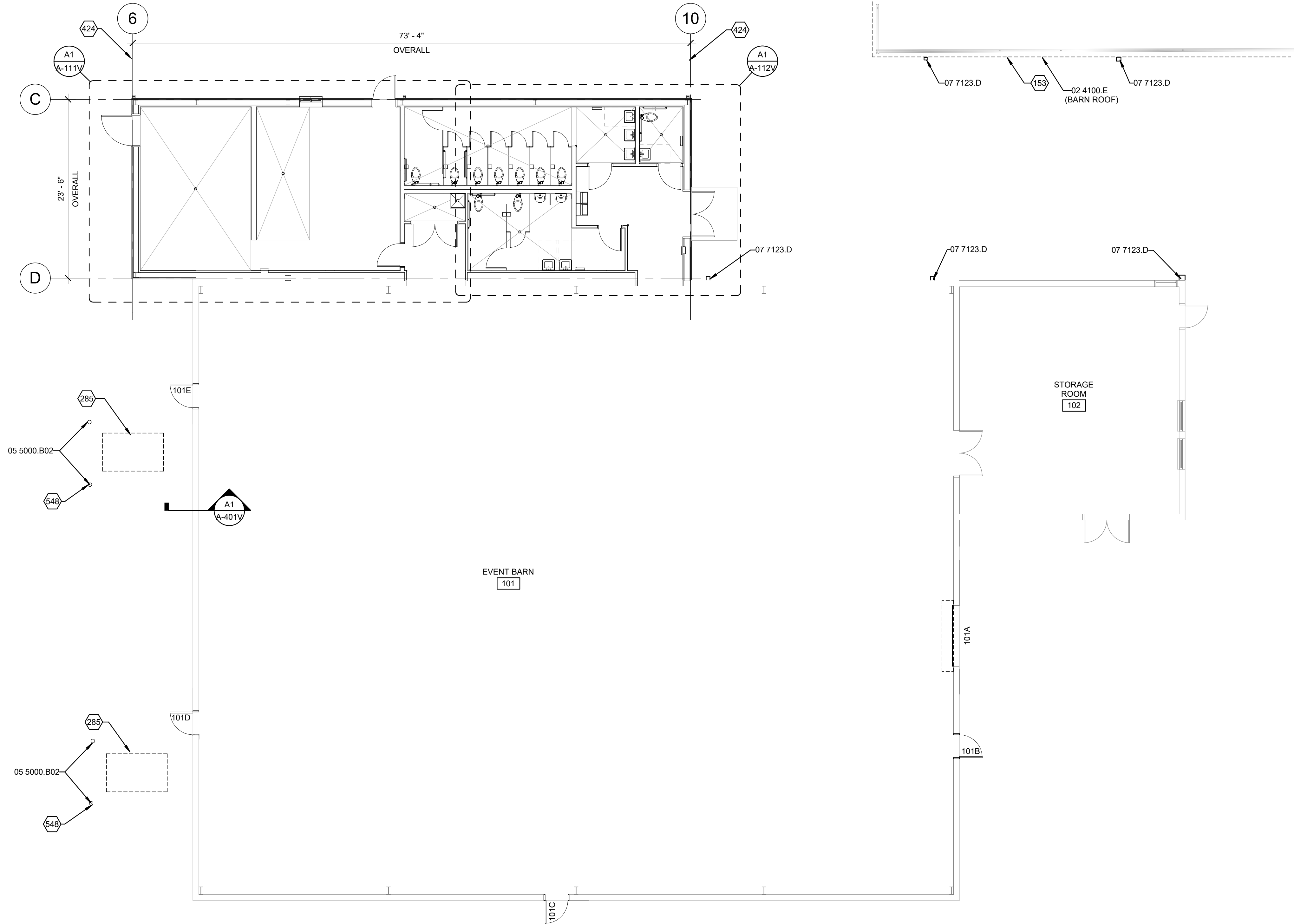
A-101N

A1 FLOOR PLAN - MULTI-PURPOSE CENTER
3/16" = 1'-0"

10/19/2024 9:13:07 PM

H
G
F
E
D
C
B
A

A1 EVENT BARN - OVERALL PLAN
1/8" = 1'-0"



GENERAL SHEET NOTES

- FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET OF CALLOUT FOR CLARIFYING INFORMATION.
- REFER TO SPECIFICATION 13 3419 METAL BUILDING SYSTEMS FOR BUILDING STRUCUTRE.

REFERENCE
SPECIFICATION
SECTION
XX XXXX:XX

REFERENCE KEYNOTES

02 4100.E EXISTING TO REMAIN
05 5000.B02 BOLLARD
07 7123.D DOWNSPOUT



SHEET KEYNOTES

153 DASHED LINE INDICATES ROOF ABOVE.
285 MECHANICAL EQUIPMENT.
424 OUTSIDE FACE OF STEEL (STEEL LINE).
548 COORDINATE LOCATION OF BOLLARDS WITH HVAC INSTALLATION

LEGEND

- ROOM IDENTIFIER
REFER TO ROOM FINISH SCHEDULE
- DOOR TAG AND SYMBOL
REFER TO DOOR SCHEDULE
- PARTITION TAG
REFER TO PARTITION SCHEDULE
- WINDOW TAG AND SYMBOL
REFER TO WINDOW SCHEDULE

**WILSON
& COMPANY**

414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/21/2024 | | |

PROJECT NO:
22-600-157-02

DRAWN BY LAE

CHECKED BY BB

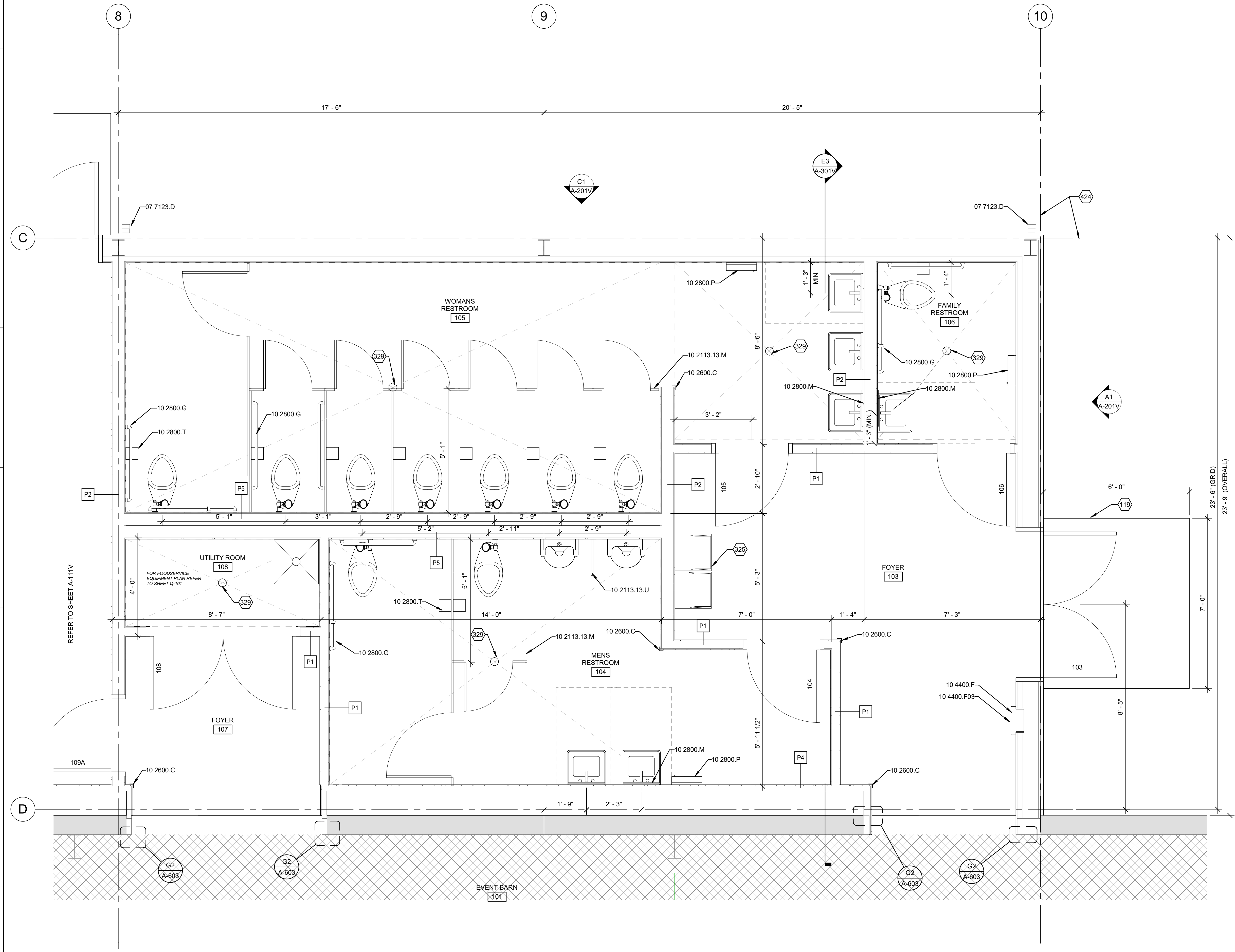
SHEET TITLE
EVENT BARN
FLOOR PLAN

BASE BID

A-101V

10/19/2024 9:13:10 PM

H
G
F
E
D
C
B
A



A1 EVENT BARN - ENLARGED PLAN - RESTROOM
1/2" = 1'-0"

GENERAL SHEET NOTES

- FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET FOR DRAWING DATA.
- FOR KITCHEN EQUIPMENT LAYOUT, REFER TO KITCHEN EQUIPMENT PLAN AND SCHEDULES.
- DOWNSPOUTS ARE TO BE DIRECTLY CONNECTED WITH UNDERGROUND WATER DRAINAGE SYSTEM, REFER TO CIVIL.

REFERENCE KEYNOTES

| REFERENCE SPECIFICATION SECTION | REFERENCE KEYNOTES |
|---------------------------------|---------------------------|
| XX XXXX:XX | |
| 07 7123.D | DOWNSPOUT |
| 10 2113.13.M | METAL TOILET COMPARTMENT |
| 10 2113.13.U | URINAL SCREEN |
| 10 2600.C | CORNER GUARD |
| 10 2800.G | GRAB BAR |
| 10 2800.M | MIRROR |
| 10 2800.P | PAPER TOWEL DISPENSER |
| 10 2800.T | TOILET PAPER DISPENSER |
| 10 4400.F | FIRE EXTINGUISHER CABINET |
| 10 4400.F03 | FIRE EXTINGUISHER |

SHEET KEYNOTES

| | |
|-----|---|
| 119 | CONCRETE PAVING - REFER TO CIVIL PLANS. |
| 325 | PLUMBING FIXTURE. |
| 329 | PLUMBING FLOOR DRAIN. |
| 424 | OUTSIDE FACE OF STEEL (STEEL LINE). |

LEGEND

| | |
|--|---|
| | ROOM IDENTIFIER REFER TO ROOM FINISH SCHEDULE |
| | DOOR TAG AND SYMBOL REFER TO DOOR SCHEDULE |
| | PARTITION TAG REFER TO PARTITION SCHEDULE |
| | WINDOW TAG AND SYMBOL REFER TO WINDOW SCHEDULE |

WILSON & COMPANY
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
**COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS**

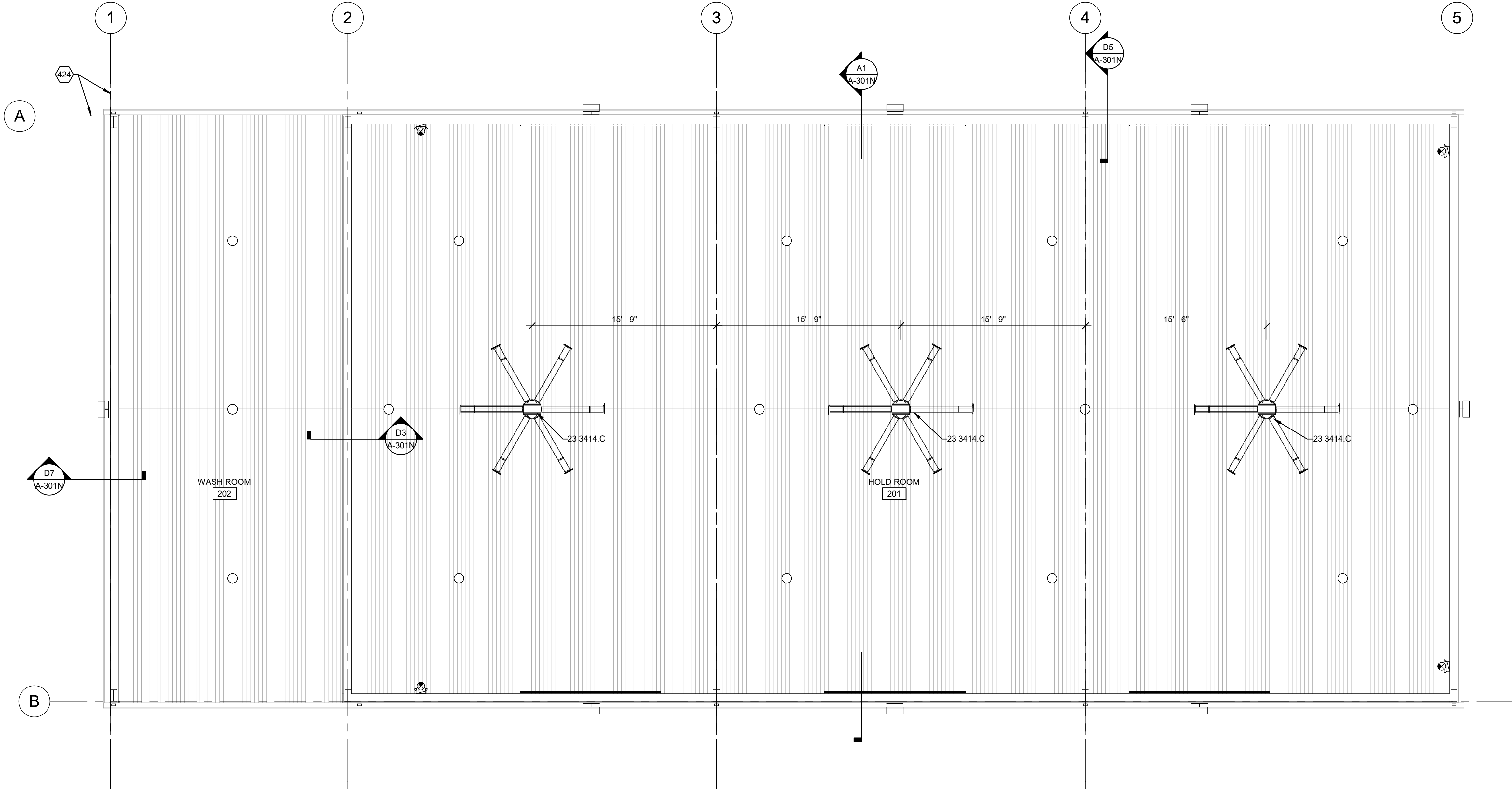
| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------|----------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

PROJECT NO:
22-600-157-02
DRAWN BY
LAE
CHECKED BY
BB
SHEET TITLE
**ENLARGED
PLAN -
RESTROOM -
EVENT BARN**

A-112V

10/19/2024 9:13:10 PM

H
G
F
E
D
C
B
A



A1 REFLECTED CEILING PLAN - MULTI-PURPOSE CENTER
3/16" = 1'-0"

GENERAL SHEET NOTES

- FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET FOR DRAWING DATA.
- REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- REFER TO MECHANICAL PLAN FOR CEILING GRILLE TYPES.
- REFER TO LIGHTING PLAN FOR CEILING FIXTURE TYPES.

REFERENCE
SPECIFICATION
SECTION
XX XXXX.XX

REFERENCE KEYNOTES

23 3414.C CEILING FAN



SHEET KEYNOTES

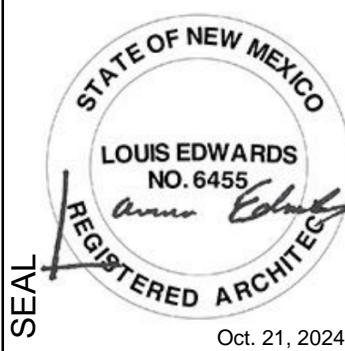
424 OUTSIDE FACE OF STEEL (STEEL LINE).

LEGEND

- 0' - 0" DENOTES CEILING / SOFFIT / BULKHEAD HEIGHT ABOVE FINISHED FLOOR
- GYPSUM BOARD - REFER TO FINISH SCHEDULE
- OPEN TO STRUCTURE
- RECESSED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- RECESSED EMERGENCY FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- PENDANT MOUNTED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- WALL MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL
- SURFACE MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL
- SUSPENDED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- CAN LIGHT FIXTURE - REFER TO ELECTRICAL
- CEILING MOUNTED EXIT SIGN - REFER TO ELECTRICAL
- WALL MOUNTED EXIT SIGN - REFER TO ELECTRICAL
- FIRE ALARM STROBE - REFER TO ELECTRICAL
- RECESSED SUPPLY AIR - REFER TO MECHANICAL
- RECESSED RETURN AIR - REFER TO MECHANICAL
- RECESSED EXHAUST FAN - REFER TO MECHANICAL

**WILSON
& COMPANY**
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (505) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/21/2024 | | |

PROJECT NO:
22-600-157-02

DRAWN BY MY

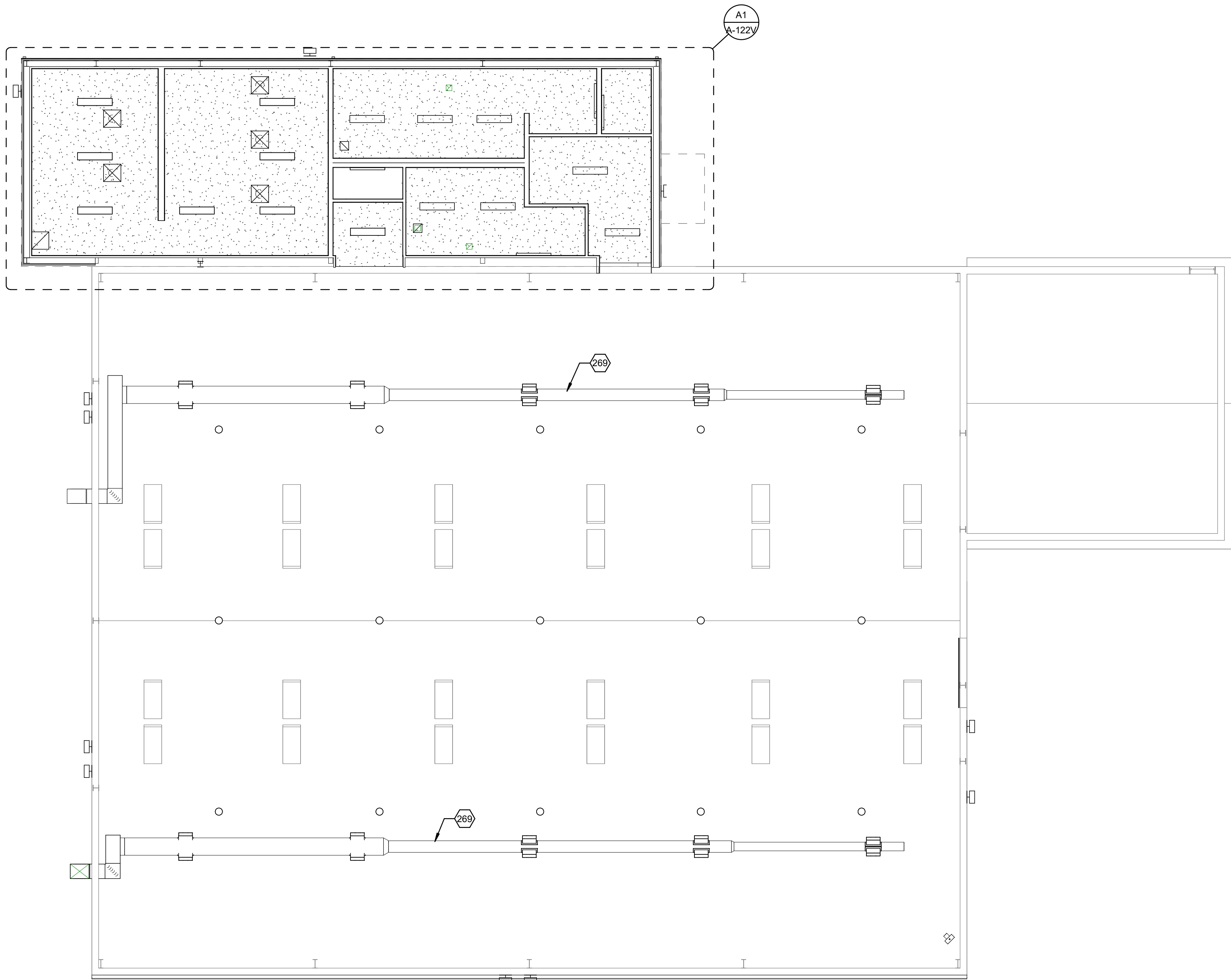
CHECKED BY BB

SHEET TITLE
REFLECTED
CEILING PLAN
- MULTI
PURPOSE
CENTER

A-121N

10/19/2024 9:13:10 PM

A1 REFLECTED CEILING PLAN - EVENT BARN
1/8" = 1'-0"



GENERAL SHEET NOTES

- FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET FOR DRAWING DATA.
- REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- REFER TO MECHANICAL PLAN FOR CEILING GRILLE TYPES.
- REFER TO LIGHTING PLAN FOR CEILING FIXTURE TYPES.

REFERENCE
SPECIFICATION
SECTION
XX XXXX:XX

REFERENCE KEYNOTES



SHEET KEYNOTES

269 MECHANICAL DUCTWORK.

LEGEND

- 0' - 0" DENOTES CEILING / SOFFIT / BULKHEAD HEIGHT ABOVE FINISHED FLOOR
- GYPSUM BOARD - REFER TO FINISH SCHEDULE
- OPEN TO STRUCTURE
- ACOUSTIC BATT INSULATION ABOVE CEILING
(EXTEND 4'-0" FROM FACE OF WALL U.O.N.)
- RECESSED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- RECESSED EMERGENCY FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- PENDANT MOUNTED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- WALL MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL
- SURFACE MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL
- SUSPENDED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- CAN LIGHT FIXTURE - REFER TO ELECTRICAL
- CEILING MOUNTED EXIT SIGN - REFER TO ELECTRICAL
- WALL MOUNTED EXIT SIGN - REFER TO ELECTRICAL
- FIRE ALARM STROBE - REFER TO ELECTRICAL
- FIRE ALARM HORN STROBE - REFER TO ELECTRICAL
- SMOKE DETECTOR - REFER TO ELECTRICAL
- RECESSED SUPPLY AIR - REFER TO MECHANICAL
- RECESSED RETURN AIR - REFER TO MECHANICAL
- RECESSED EXHAUST FAN - REFER TO MECHANICAL

**WILSON
& COMPANY**

414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/21/2024 | | |

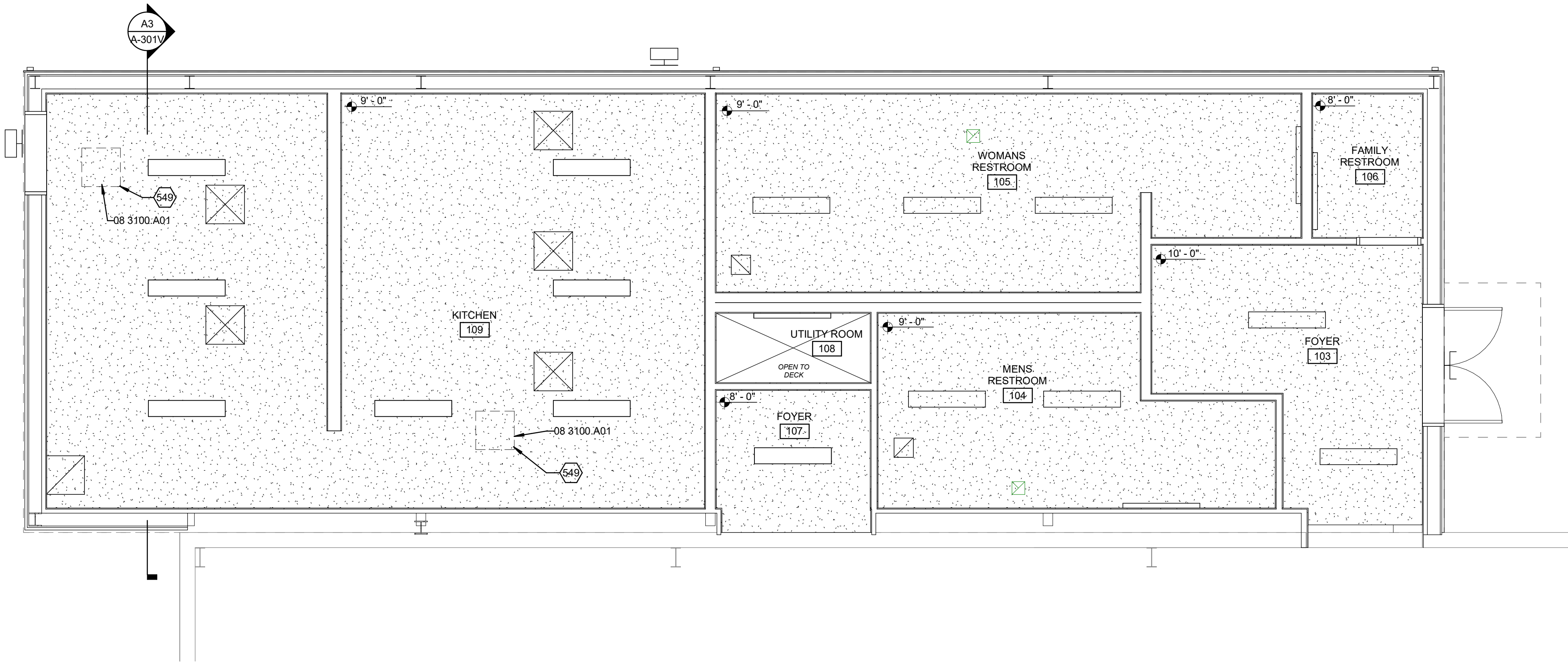
PROJECT NO:
22-600-157-02

DRAWN BY LAE

CHECKED BY BB

SHEET TITLE
REFLECTED
CEILING PLAN
- EVENT BARN

A-121V



GENERAL SHEET NOTES

- REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- REFER TO MECHANICAL PLAN FOR CEILING GRILLE TYPES.
- REFER TO LIGHTING PLAN FOR CEILING FIXTURE TYPES.

REFERENCE KEYNOTES

08 3100.A01 ACCESS DOOR PANEL

SHEET KEYNOTES

549 COORDINATE LOCATOIN OF CEILING ACCESS PANEL WITH MEP

LEGEND

- 0'-0" DENOTES CEILING / SOFFIT / BULKHEAD HEIGHT ABOVE FINISHED FLOOR
- GYPSUM BOARD - REFER TO FINISH SCHEDULE
- OPEN TO STRUCTURE
- RECESSED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- RECESSED EMERGENCY FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- PENDANT MOUNTED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- WALL MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL
- SURFACE MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL
- SUSPENDED FLUORESCENT LIGHT FIXTURE - REFER TO ELECTRICAL
- CAN LIGHT FIXTURE - REFER TO ELECTRICAL
- CEILING MOUNTED EXIT SIGN - REFER TO ELECTRICAL
- WALL MOUNTED EXIT SIGN - REFER TO ELECTRICAL
- FIRE ALARM STROBE - REFER TO ELECTRICAL
- RECESSED SUPPLY AIR - REFER TO MECHANICAL
- RECESSED RETURN AIR - REFER TO MECHANICAL
- RECESSED EXHAUST FAN - REFER TO MECHANICAL

**WILSON
& COMPANY**
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

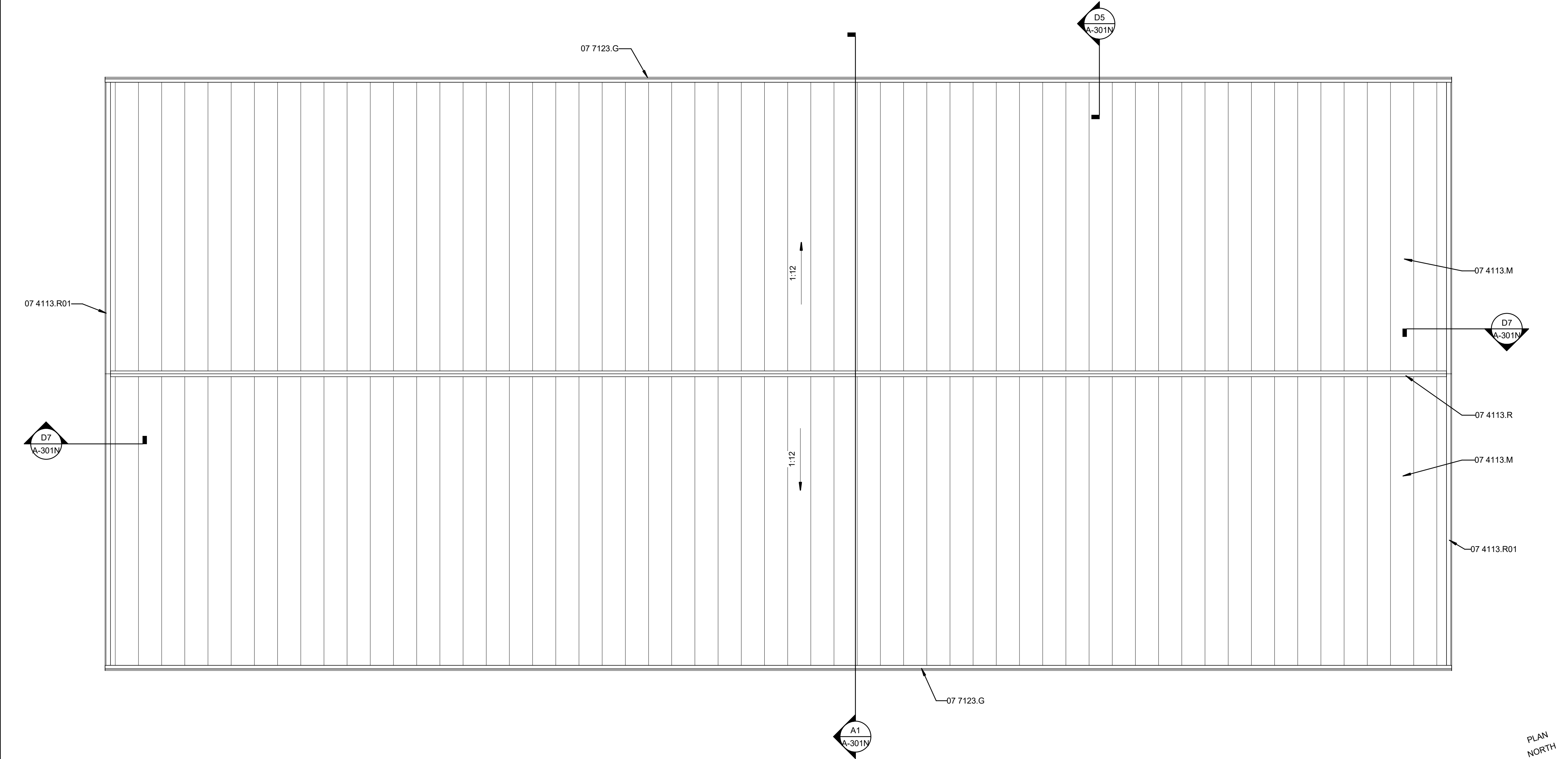
| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/21/2024 | | |

PROJECT NO:
22-600-157-02
DRAWN BY LAE
CHECKED BY BB
SHEET TITLE
REFLECTED
CEILING PLAN
- KITCHEN /
RESTROOM

A-122V

10/19/2024 9:13:11 PM

A
B
C
D
E
F
G
H



A1 ROOF PLAN - MULTI-PURPOSE CENTER
3/16" = 1'-0"

GENERAL SHEET NOTES

- REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION.
- COORDINATE ROOF PENETRATION WITH MECHANICAL AND PLUMBING.
- REFER TO RCP FOR LAYOUT OF TRANSLUCENT ROOF PANELS.

REFERENCE
SPECIFICATION
SECTION
XX XXXX.XX

REFERENCE KEYNOTES

| | |
|-------------|---------------------|
| 07 4113.M | METAL ROOF PANEL(S) |
| 07 4113.R | RIDGE CAP |
| 07 4113.R01 | RAKE TRIM |
| 07 7123.G | GUTTER |



SHEET KEYNOTES

**WILSON
& COMPANY**

414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/21/2024 | | |

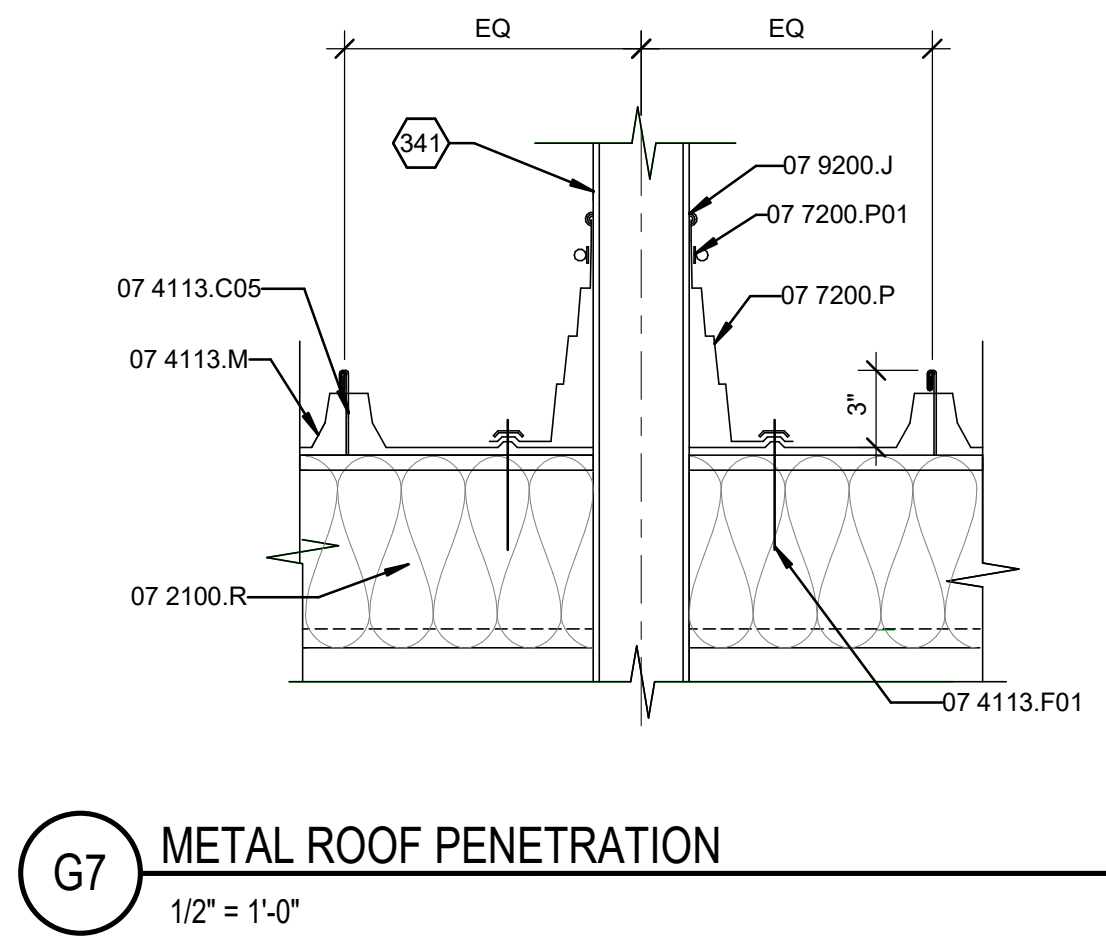
PROJECT NO:
22-600-157-02

DRAWN BY MY

CHECKED BY BB

SHEET TITLE
ROOF PLAN -
MULTI
PURPOSE
CENTER

A-131N



G7 METAL ROOF PENETRATION
1/2" = 1'-0"

1. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION.
2. COORDINATE ROOF PENETRATION WITH MECHANICAL AND PLUMBING.
3. FOR ROOF PENETRATION DETAILS, REFER TO SHEET A-501V.

1. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION.
2. COORDINATE ROOF PENETRATION WITH MECHANICAL AND PLUMBING.
3. FOR ROOF PENETRATION DETAILS, REFER TO SHEET A-501V.

REFERENCE
SPECIFICATION
SECTION
[XX XXXX.XX]

| | |
|-------------|-----------------------------|
| 07 2100.R | ROOF INSULATION |
| 07 4113 | METAL ROOF PANELS |
| 07 4113.C05 | CLIP |
| 07 4113.F01 | FASTENER |
| 07 4113.F04 | FASCIA |
| 07 4113.M | METAL ROOF PANEL(S) |
| 07 7123.G | GUTTER |
| 07 7200.P | PIPE FLASHING |
| 07 7200.P01 | PIPE FLASHING CLAMPING RING |
| 07 9200.J | JOINT SEALANT |

217 FACE OF BUILDING.
285 MECHANICAL EQUIPMENT.
289 MECHANICAL EXHAUST FAN.
341 PLUMBING VENT.

CONSULTANTS



NAME: COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

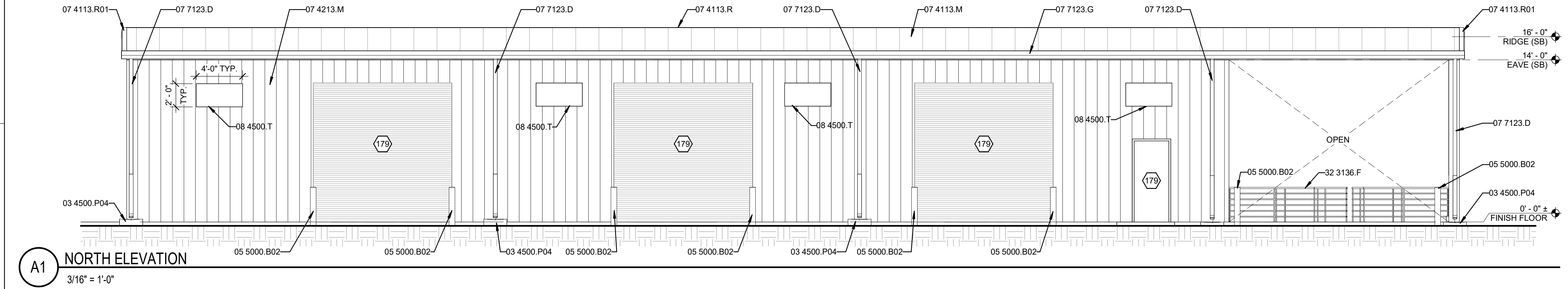
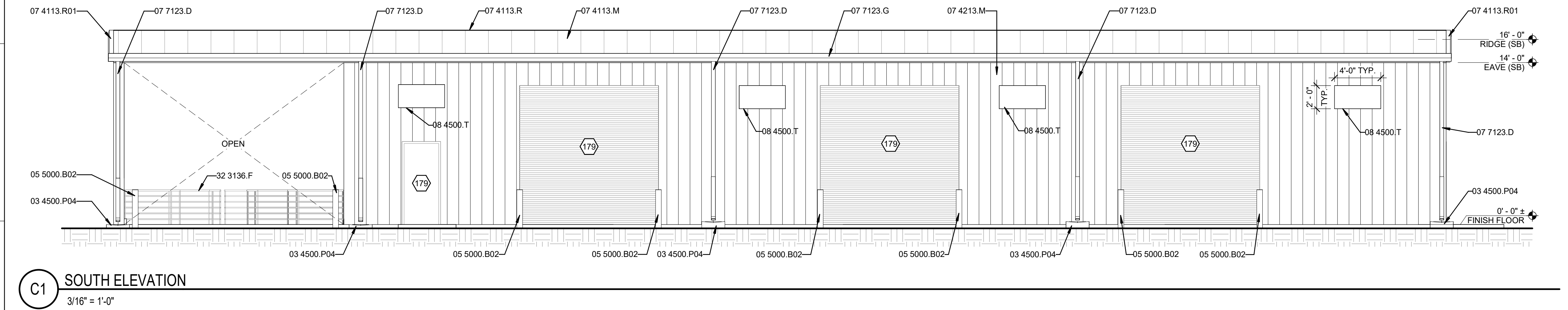
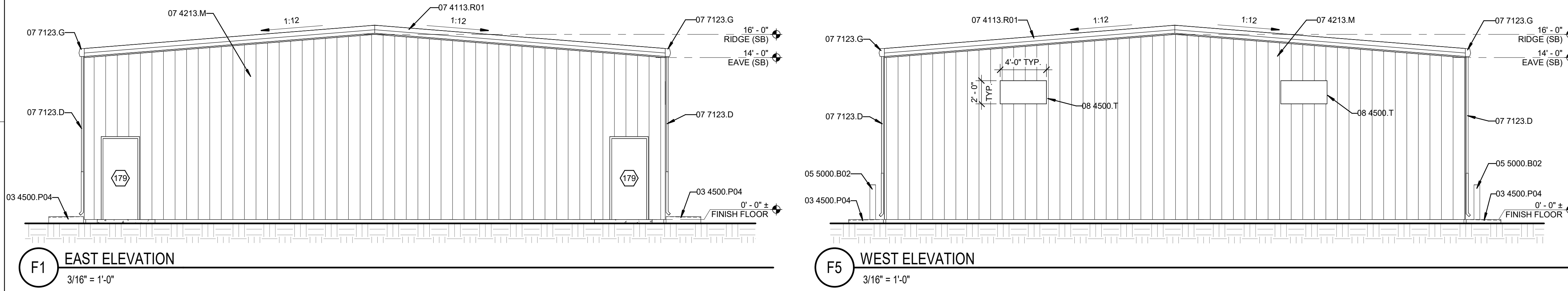
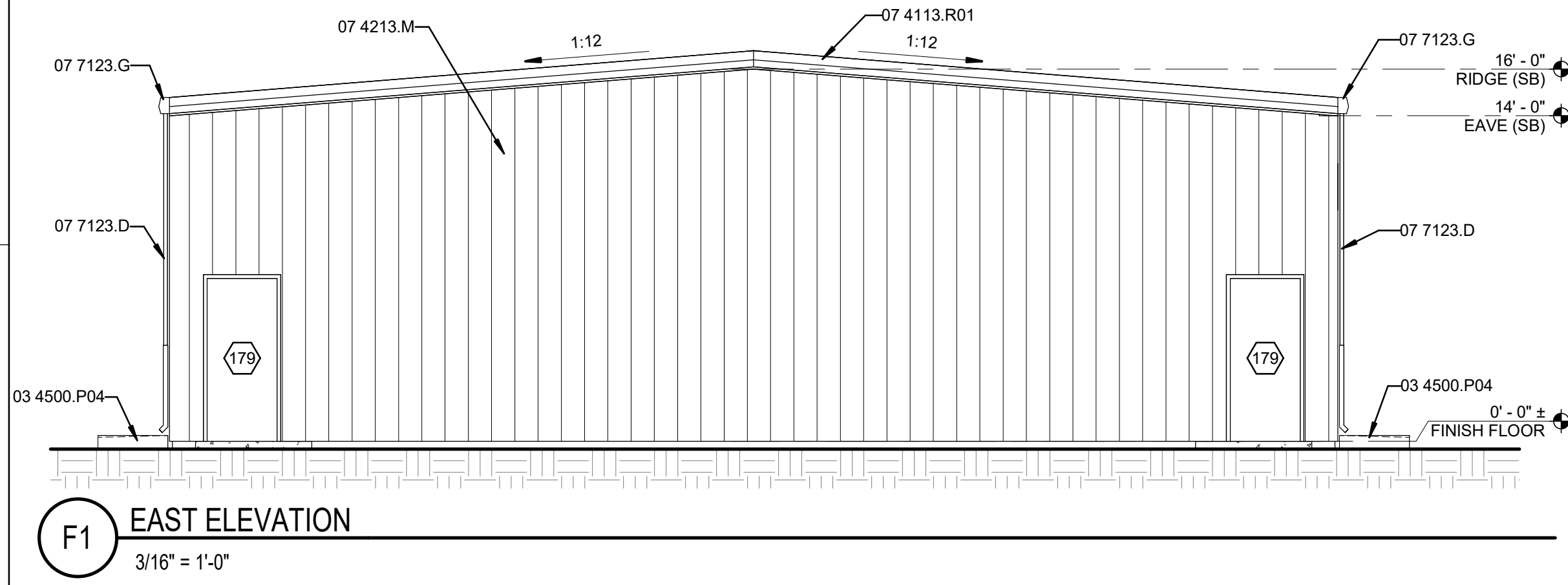
| | | | |
|--|---|------------|-------------|
| | - | 10/21/2024 | 100% IFR |
| | | | DESCRIPTION |
| | | | |
| | | | |
| | | | |

| | |
|--|-----|
| PROJECT NO: 22-600-157-02 | |
| DRAWN BY | LAE |
| CHECKED BY | BB |
| SHEET TITLE ROOF PLAN - EVENT BARN | |

A-131V

10/19/2024 9:13:12 PM

H
G
F
E
D
C
B
A



GENERAL SHEET NOTES

REFERENCE KEYNOTES

| | |
|-------------|-------------------------------|
| 03 4500.P04 | PRECAST CONCRETE SPLASH BLOCK |
| 05 5000.B02 | BOLLARD |
| 07 4113.M | METAL ROOF PANEL(S) |
| 07 4113.R | RIDGE CAP |
| 07 4113.R01 | RAKE TRIM |
| 07 4213.M | METAL WALL PANEL(S) |
| 07 7123.D | DOWNSPOUT |
| 07 7123.G | GUTTER |
| 08 4500.T | TRANSLUCENT PANEL |
| 32 3136.F | GUARD FENCE PANEL |

SHEET KEYNOTES

179 DOOR AS SCHEDULED.

**WILSON
& COMPANY**
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



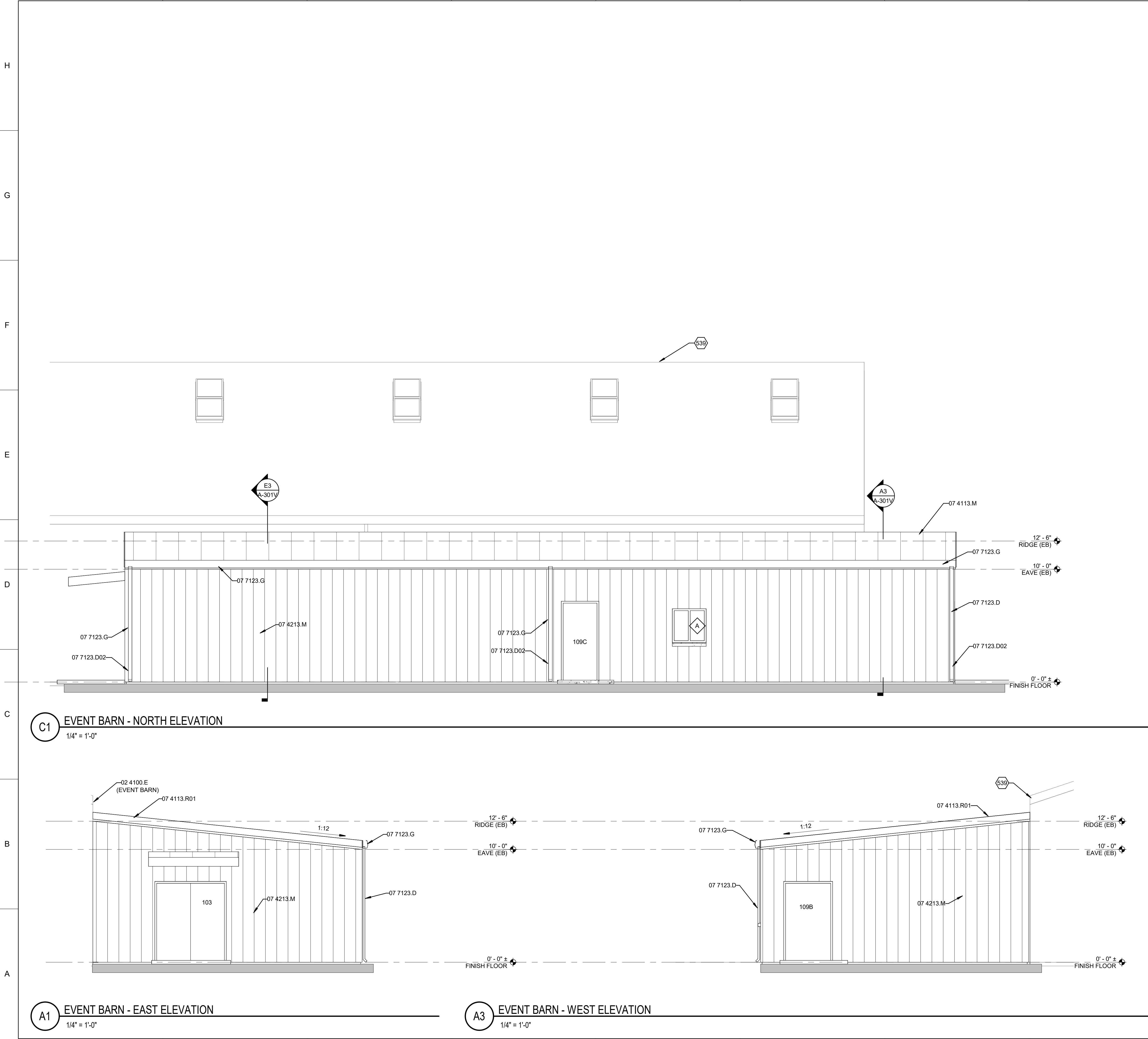
PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR DESCRIPTION |
|------|------------|----------------------|
| - | 10/21/2024 | |

PROJECT NO:
22-600-157-02
DRAWN BY MY
CHECKED BY BB
SHEET TITLE
EXTERIOR
ELEVATIONS -
MULTI
PURPOSE
CENTER

A-201N

10/19/2024 9:13:13 PM



GENERAL SHEET NOTES

- CONNECT DOWNSPOUT BOOTS TO UNDERGROUND DRAINAGE SYSTEM, REFER TO CIVIL DRAWINGS.
- REFER TO CIVIL GRADING AND DRAINAGE PLAN FOR ACTUAL CONTROL DATUM AND BENCHMARK INFORMATION.

REFERENCE KEYNOTES

| REFERENCE SPECIFICATION SECTION | XX XXXX.XX |
|---------------------------------|---------------------|
| 02 4100.E | EXISTING TO REMAIN |
| 07 4113.M | METAL ROOF PANEL(S) |
| 07 4113.R01 | RAKE TRIM |
| 07 4213.M | METAL WALL PANEL(S) |
| 07 7123.D | DOWNSPOUT |
| 07 7123.D02 | DOWNSPOUT BOOT |

SHEET KEYNOTES

| | |
|------------------|--|
| 07 7123.G 539 | GUTTER EXISITNG EVENT BARN BUILDING |
|------------------|--|

WILSON & COMPANY
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

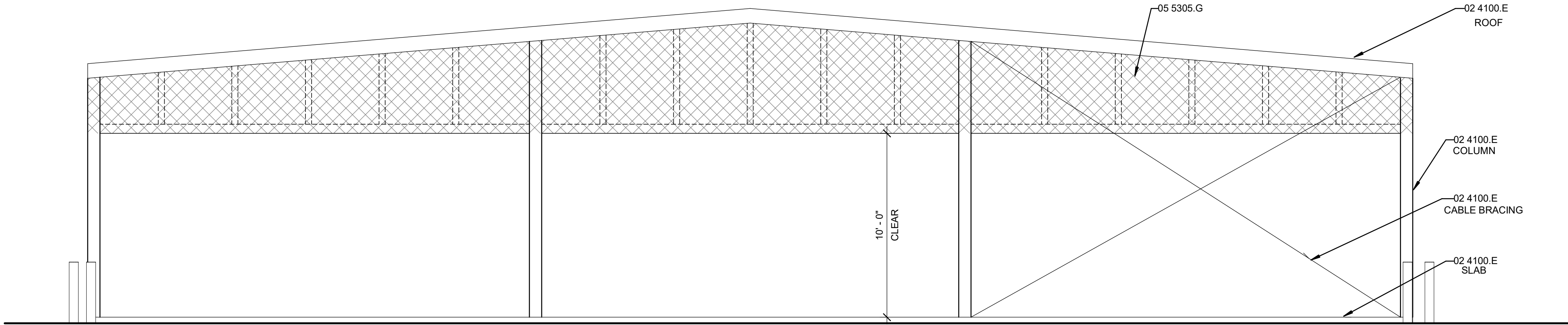
| MARK | DATE | 100% IFR DESCRIPTION |
|------|------------|----------------------|
| - | 10/21/2024 | |

| |
|---|
| PROJECT NO: 22-600-157-02 |
| DRAWN BY LAE |
| CHECKED BY BB |
| SHEET TITLE EXTERIOR ELEVATIONS - EVENT BARN |

A-201V

10/19/2024 9:13:13 PM

A
B
C
D
E
F
G
H



A1 WEST ELEVATION - PAVILION SHADE ADDITION
1/4" = 1'-0"

GENERAL SHEET NOTES

1. REFER TO STRUCTURAL.

REFERENCE
SPECIFICATION
SECTION
XX XXXX.XX

REFERENCE KEYNOTES

02 4100.E EXISTING TO REMAIN
05 5305.G GRATING



SHEET KEYNOTES

**WILSON
& COMPANY**
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/21/2024 | | |

PROJECT NO:
22-600-157-02
DRAWN BY LAE
CHECKED BY BB

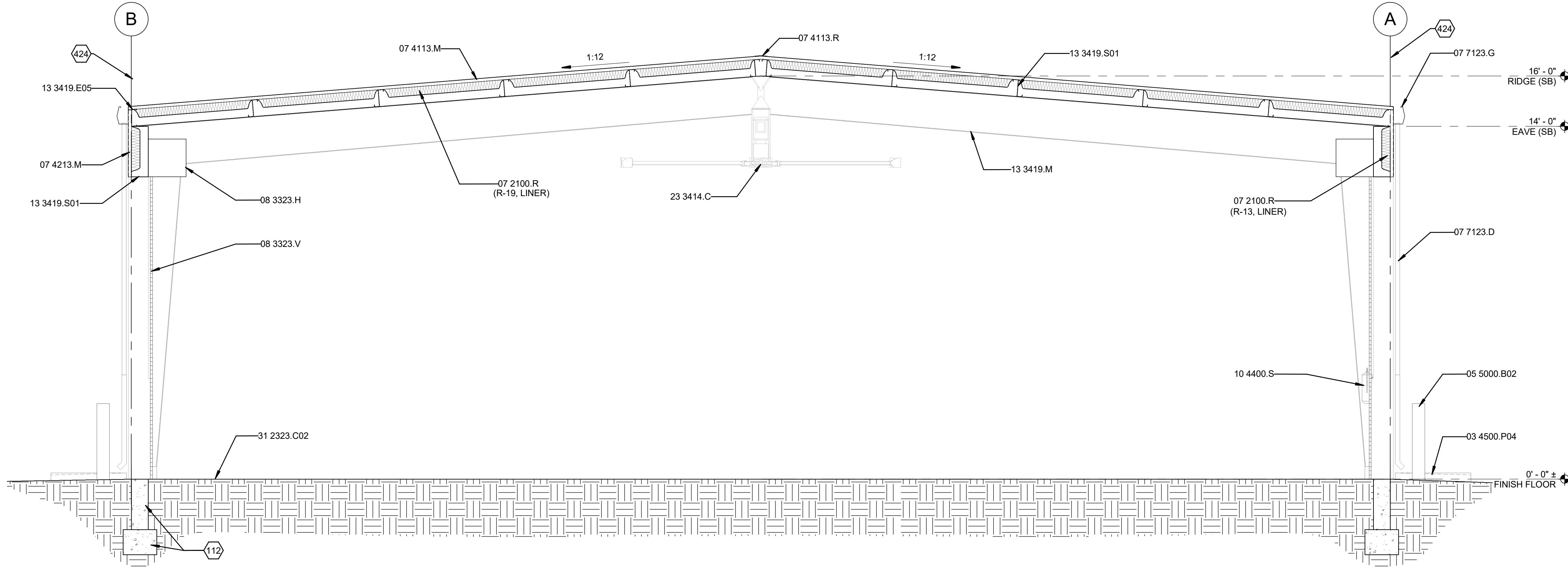
SHEET TITLE
PAVILION
SHADE
ADDITION

A-201Y

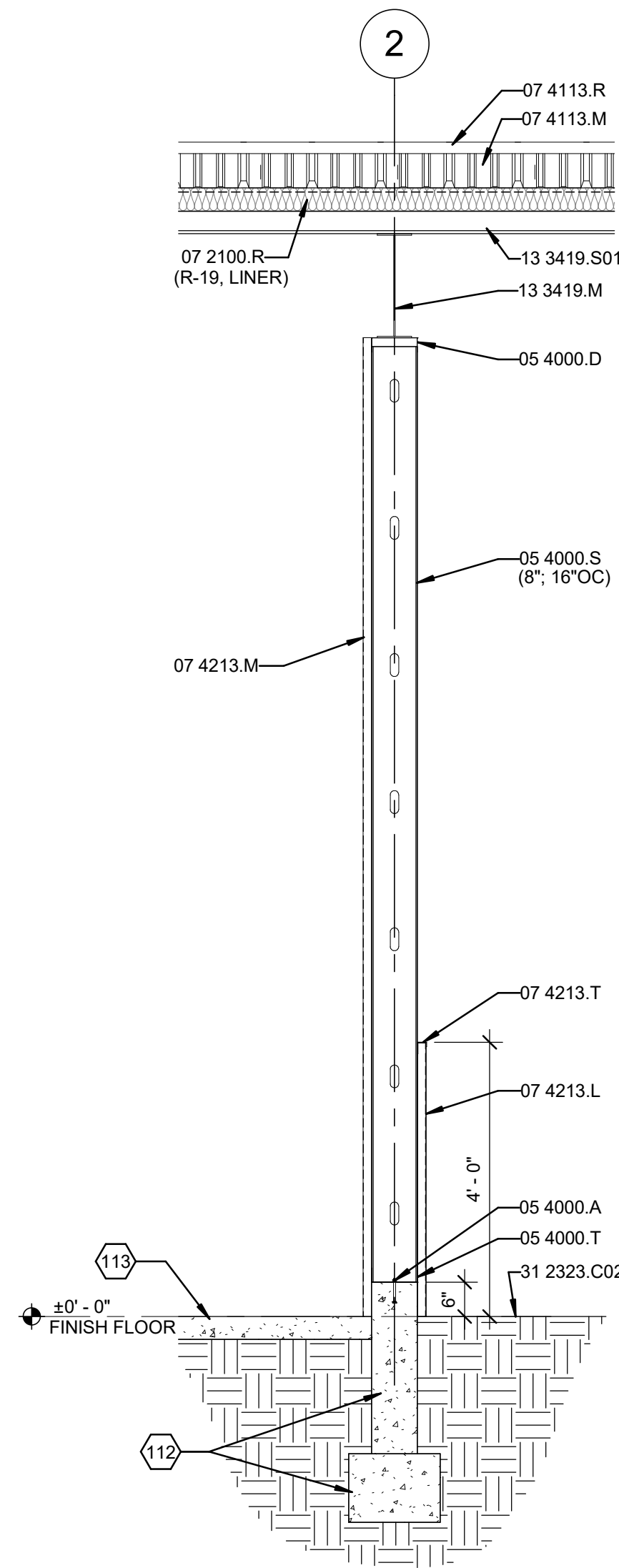
10/19/2024 9:13:15 PM

H
G
F
E
D
C
B
A

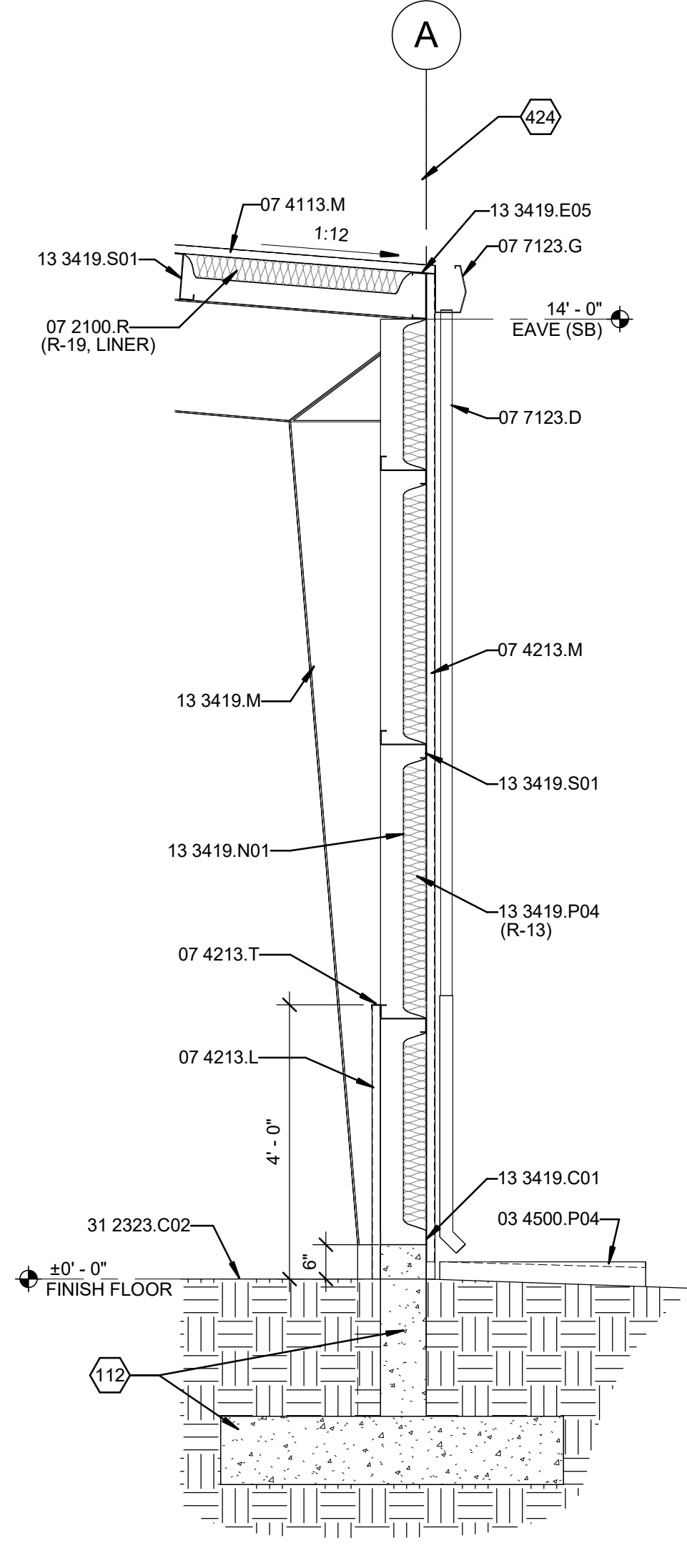
A1 MULTIPURPOSE FACILITY - BUILDING SECTION
3/8" = 1'-0"



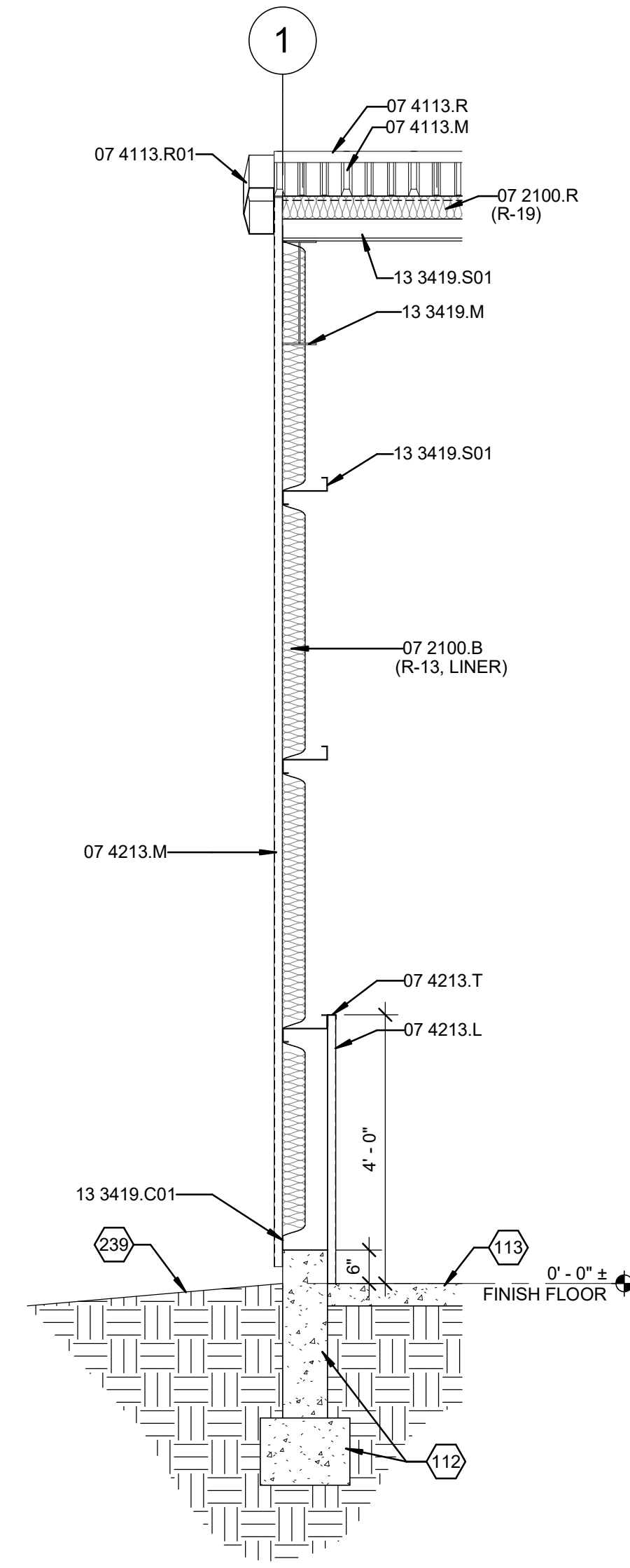
D3 WALL SECTION - PARTITION
1/2" = 1'-0"



D5 WALL SECTION - EAVE
1/2" = 1'-0"



D7 WALL SECTION - RAKE
1/2" = 1'-0"



GENERAL SHEET NOTES

- REFER TO REFLECTED-CEILING-PLAN FOR CEILING HEIGHTS.
- REFER TO CIVIL FOR GRADING AND DRAINAGE PLAN FOR ACTUAL CONTROL DATUM AND BENCHMARK INFORMATION.

REFERENCE KEYNOTES

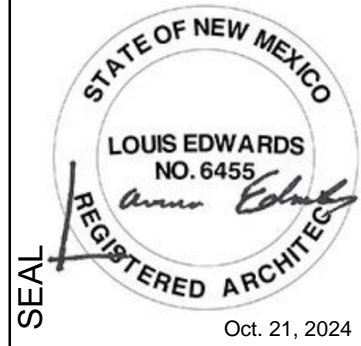
| | |
|-------------|------------------------------------|
| 03 4500.P04 | PRECAST CONCRETE SPLASH BLOCK |
| 05 4000.A | ANCHORAGE DEVICE |
| 05 4000.D | DEEP LEG TRACK |
| 05 4000.S | STEEL STUD |
| 05 4000.T | TRACK |
| 05 5000.B02 | BOLLARD |
| 07 2100.B | BLANKET INSULATION |
| 07 2100.R | ROOF INSULATION |
| 07 4113.M | METAL ROOF PANEL(S) |
| 07 4113.R | RIDGE CAP |
| 07 4113.R01 | RAKE TRIM |
| 07 4213.L | LINER PANEL |
| 07 4213.M | METAL WALL PANEL(S) |
| 07 4213.T | TRIM |
| 07 7123.D | DOWNSPOUT |
| 07 7123.G | GUTTER |
| 08 3323.H | HOOD ENCLOSURE |
| 08 3323.V | OVERHEAD COILING DOOR |
| 10 4400.S | SURFACE MOUNTED FIRE EXTINGUISHER |
| 13 3419.C01 | CHANNEL |
| 13 3419.E05 | EAVE STRUT |
| 13 3419.M | METAL BUILDING FRAME |
| 13 3419.N01 | INSULATION FINISHING SYSTEM |
| 13 3419.P04 | PRE-ENGINEERED BUILDING INSULATION |
| 13 3419.S01 | SECONDARY FRAMING |
| 23 3414.C | CEILING FAN |
| 31 2323.C02 | COMPACTED FILL |

SHEET KEYNOTES

| | |
|-----|-------------------------------------|
| 112 | CAST-IN-PLACE CONCRETE FOUNDATION. |
| 113 | CAST-IN-PLACE CONCRETE SLAB. |
| 239 | FINISH GRADE. |
| 424 | OUTSIDE FACE OF STEEL (STEEL LINE). |

WILSON & COMPANY
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (505) 527-9257

CONSULTANTS



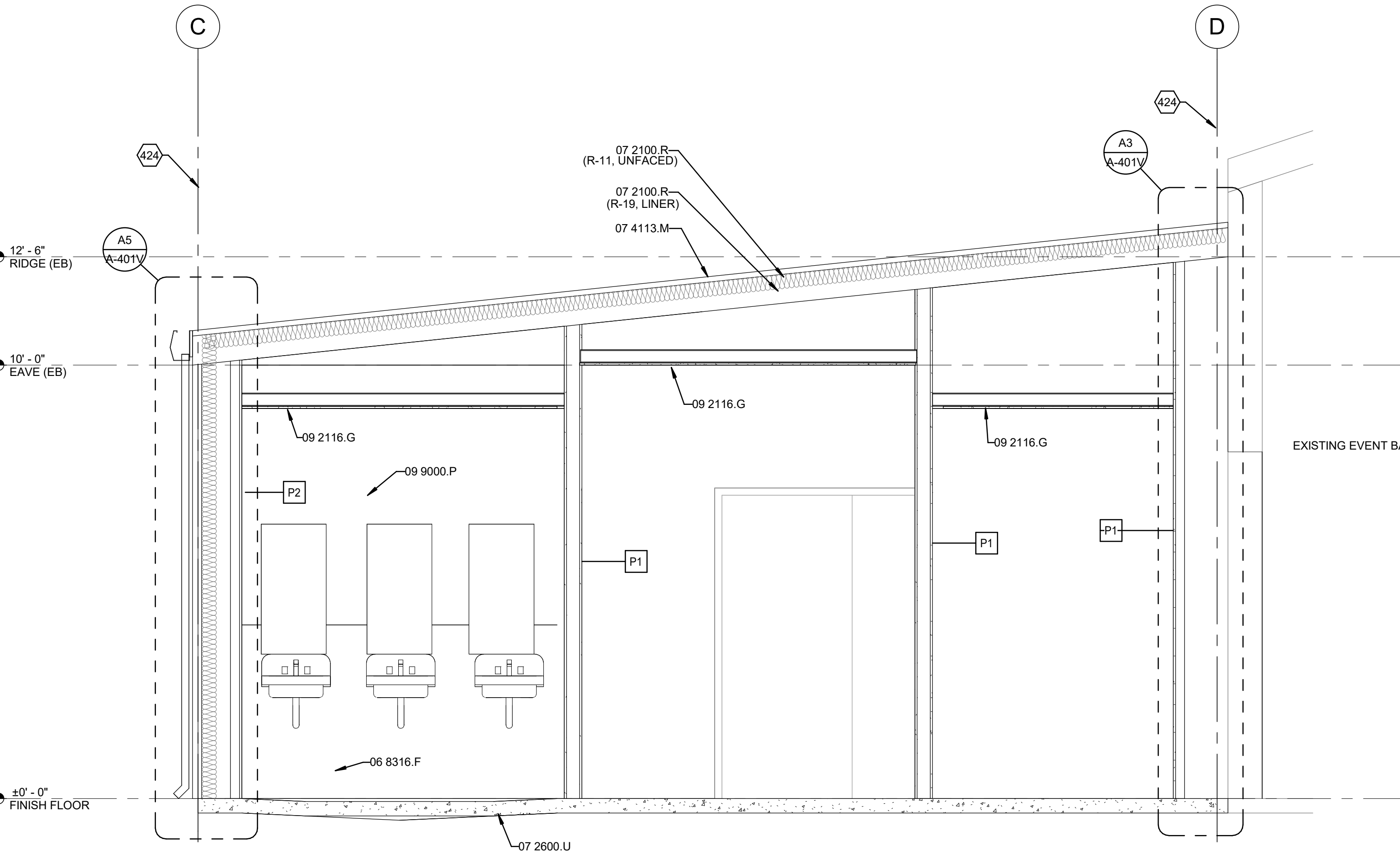
PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/21/2024 | | |

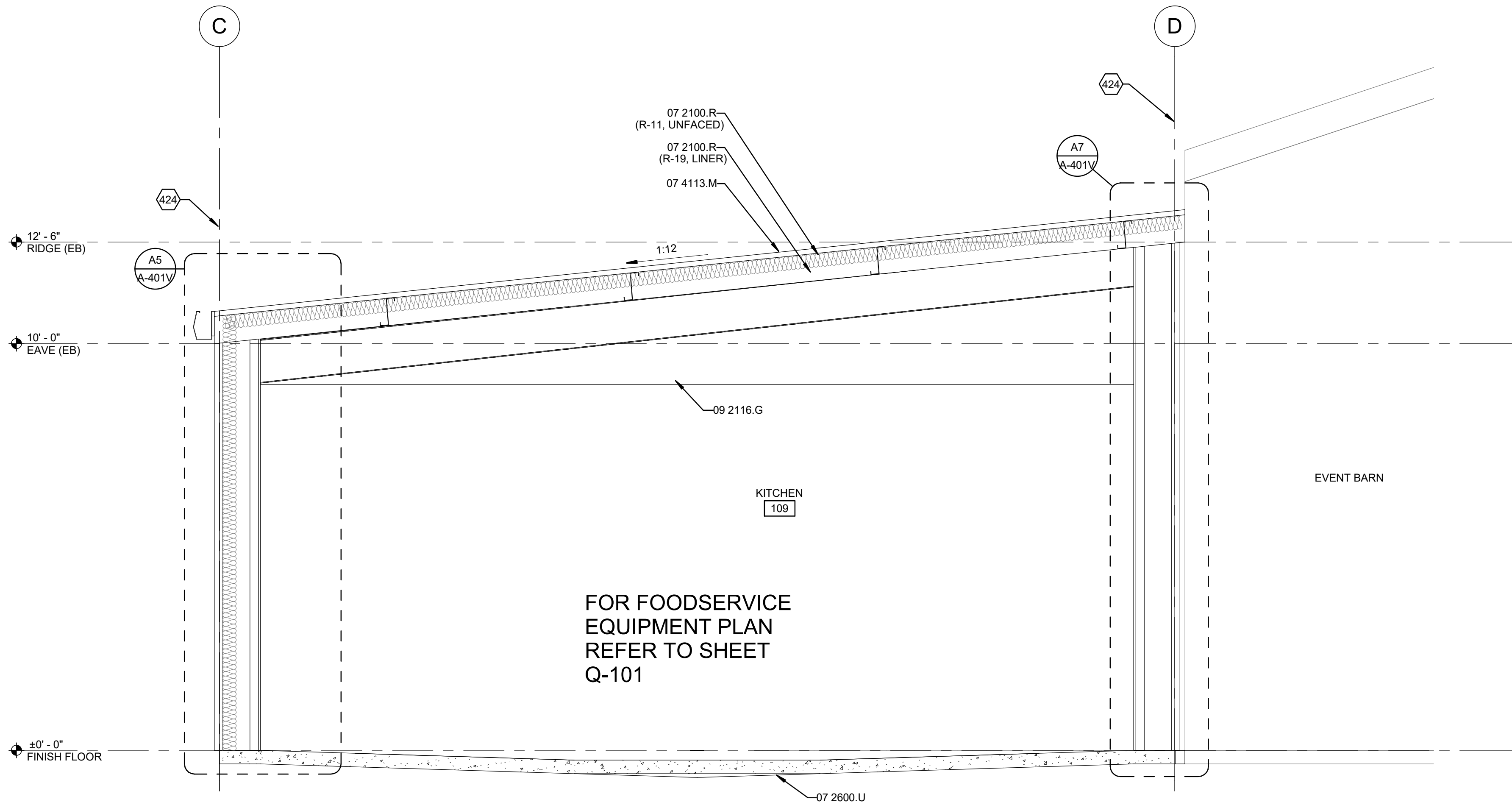
| |
|--|
| PROJECT NO: 22-600-157-02 |
| DRAWN BY MY |
| CHECKED BY BB |
| SHEET TITLE BUILDING SECTION - MULTI PURPOSE CENTER |

A-301N

10/19/2024 9:13:16 PM



E3 RESTROOM BUILDING SECTION
1/2" = 1'-0"



A3 KITCHEN BUILDING SECTION
1/2" = 1'-0"

GENERAL SHEET NOTES

- REFER TO REFLECTED-CEILING-PLAN FOR CEILING HEIGHTS.
- REFER TO SHEET A-603 FOR TYPICAL RESTROOM FIXTURE HEIGHTS.
- FOR AREAS WHERE ENLARGED CALLOUT IS DEPICTED, REFER TO THE REFERENCED SHEET FOR DRAWING DATA.
- REFER TO CIVIL GRADING AND DRAINAGE PLAN FOR ACTUAL CONTROL DATUM AND BENCHMARK INFORMATION.

REFERENCE KEYNOTES

| REFERENCE SPECIFICATION SECTION | XX XXXX.XX |
|---------------------------------|-------------------------------------|
| 06 8316.F | FIBERGLASS REINFORCED PLASTIC PANEL |
| 07 2100.R | ROOF INSULATION |
| 07 2600.U | UNDERSLAB VAPOR RETARDER |
| 07 4113.M | METAL ROOF PANEL(S) |
| 09 2116.G | GYPSUM BOARD |
| 09 9000.P | PAINT |



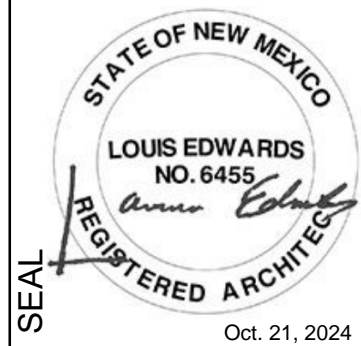
SHEET KEYNOTES

424 OUTSIDE FACE OF STEEL (STEEL LINE).

WILSON & COMPANY

414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (575) 527-9257

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | 100% IFR DESCRIPTION |
|------|------------|----------------------|
| - | 10/21/2024 | |

PROJECT NO:
22-600-157-02

DRAWN BY LAE

CHECKED BY BB

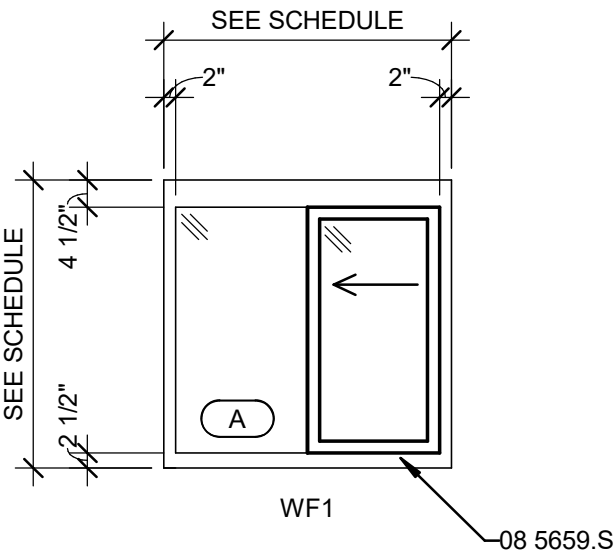
SHEET TITLE
BUILDING
SECTIONS -
EVENT BARN

A-301V

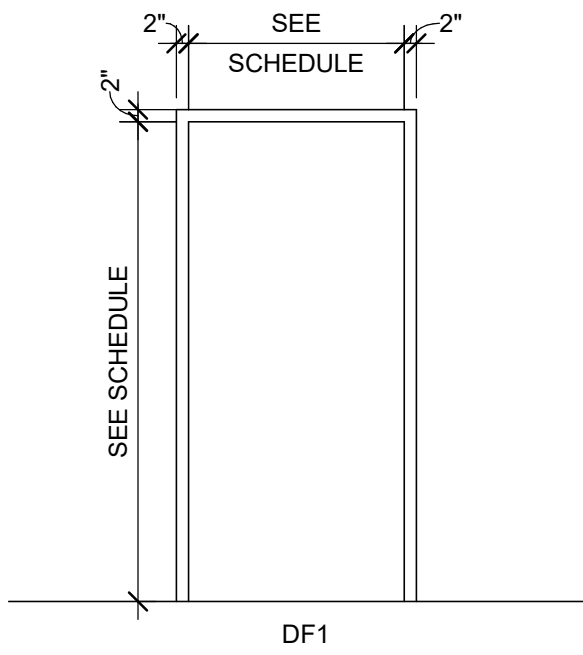
| DOOR SCHEDULE - MULTI PURPOSE CENTER | | | | | | | | | | | | | | |
|--------------------------------------|--------|--------|--------|------|-----|-----|-------|------------|------------|------------|--------|----------|-------|--|
| MARK | DOOR | | | | | | FRAME | | | | SET NO | KEYSIDE | NOTES | |
| | SIZE | | | MATL | EL | EL | MATL | DETAILS | | | | | | |
| | W | H | THK | | | | | HEAD | JAMB | SILL | | | | |
| Swine | | | | | | | | | | | | | | |
| 201A | 3'-0" | 7'-0" | 1 3/4" | HM | F | DF1 | HM | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | | |
| 201B | 12'-0" | 12'-0" | 1" | - | OHC | - | - | E5 / A-601 | C5 / A-601 | A5 / A-601 | - | - | | |
| 201C | 12'-0" | 12'-0" | 1" | - | OHC | - | - | E5 / A-601 | C5 / A-601 | A5 / A-601 | - | - | | |
| 201D | 12'-0" | 12'-0" | 1" | - | OHC | - | - | E5 / A-601 | C5 / A-601 | A5 / A-601 | - | - | | |
| 201E | 3'-0" | 7'-0" | 1 3/4" | HM | F | DF1 | HM | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | | |
| 201F | 3'-0" | 7'-0" | 1 3/4" | HM | F | DF1 | HM | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | | |
| 201G | 12'-0" | 12'-0" | 1" | - | OHC | - | - | E5 / A-601 | C5 / A-601 | A5 / A-601 | - | - | | |
| 201H | 12'-0" | 12'-0" | 1" | - | OHC | - | - | E5 / A-601 | C5 / A-601 | A5 / A-601 | - | - | | |
| 201J | 12'-0" | 12'-0" | 1" | - | OHC | - | - | E5 / A-601 | C5 / A-601 | A5 / A-601 | - | - | | |
| 201K | 3'-0" | 7'-0" | 1 3/4" | HM | F | DF1 | HM | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | | |
| 201L | 3'-0" | 7'-0" | 1 3/4" | HM | F | DF1 | HM | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-4 | EXTERIOR | | |
| 201M | 3'-0" | 7'-0" | 1 3/4" | HM | F | DF1 | HM | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-4 | EXTERIOR | | |

| DOOR SCHEDULE - EVENT BARN | | | | | | | | | | | | | | |
|----------------------------|---------|---------|--------|------|----|-------|------|---------|------------|------------|------------|---------|----------|--|
| MARK | DOOR | | | | | FRAME | | | | | SET NO | KEYSIDE | NOTES | |
| | SIZE | | | MATL | EL | EL | MATL | DETAILS | | | | | | |
| | W | H | THK | | | | | HEAD | JAMB | SILL | | | | |
| 101A | 8' - 0" | 8' - 0" | 1" | | | OHC | - | | E5 / A-601 | C5 / A-601 | A5 / A-601 | - | - | |
| 101B | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | |
| 101C | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | |
| 101D | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | |
| 101E | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-2 | EXTERIOR | |
| 103 | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-1 | EXTERIOR | |
| 104 | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | G7 / A-601 | G7 / A-601 | - | HW-8 | - | |
| 105 | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | G7 / A-601 | G7 / A-601 | - | HW-9 | - | |
| 106 | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | G7 / A-601 | G7 / A-601 | - | HW-7 | EXTERIOR | |
| 108 | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | G7 / A-601 | G7 / A-601 | - | HW-9 | EXTERIOR | |
| 109A | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | G7 / A-601 | G7 / A-601 | - | HW-6 | EXTERIOR | |
| 109B | 4' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-3 | EXTERIOR | |
| 109C | 3' - 0" | 7' - 0" | 1 3/4" | HM | F | DF1 | HM | | E7 / A-601 | C7 / A-601 | A7 / A-601 | HW-3 | EXTERIOR | |

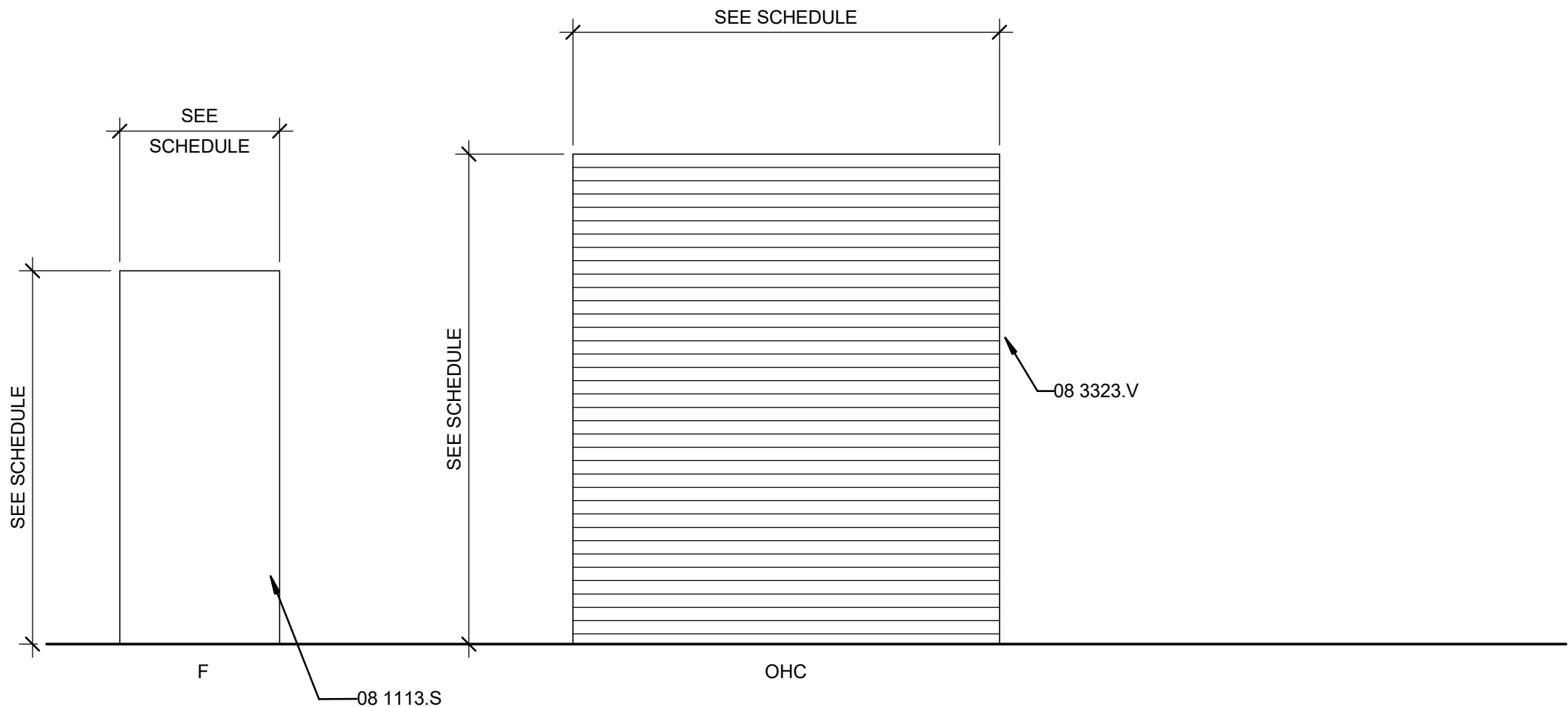
| WINDOW SCHEDULE - EVENT BARN | | | | | | | | | | | |
|------------------------------|-------|--------|-------------|-----|------|----------|---------|------|------|--------------|--------------|
| MARK | SIZE | | HEAD HEIGHT | EL | MATL | FINISH | DETAILS | | | GLAZING TYPE | COMMENTS |
| | WIDTH | HEIGHT | | | | | HEAD | JAMB | SILL | | |
| A | 3'-0" | 3'-0" | 6'-6" | WF1 | AL | ANODIZED | - | - | - | | SPEC 08 5659 |



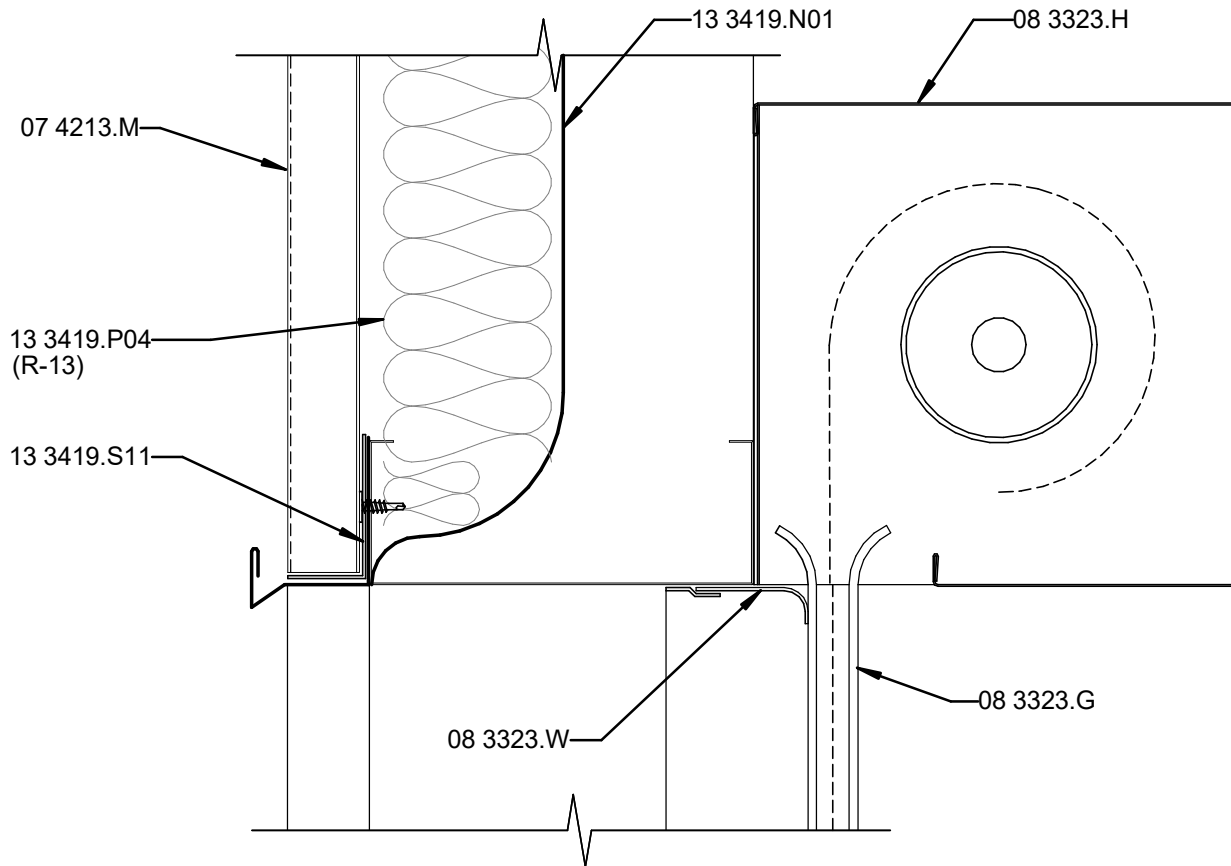
C1 WINDOW TYPES
3/8" = 1'-0"



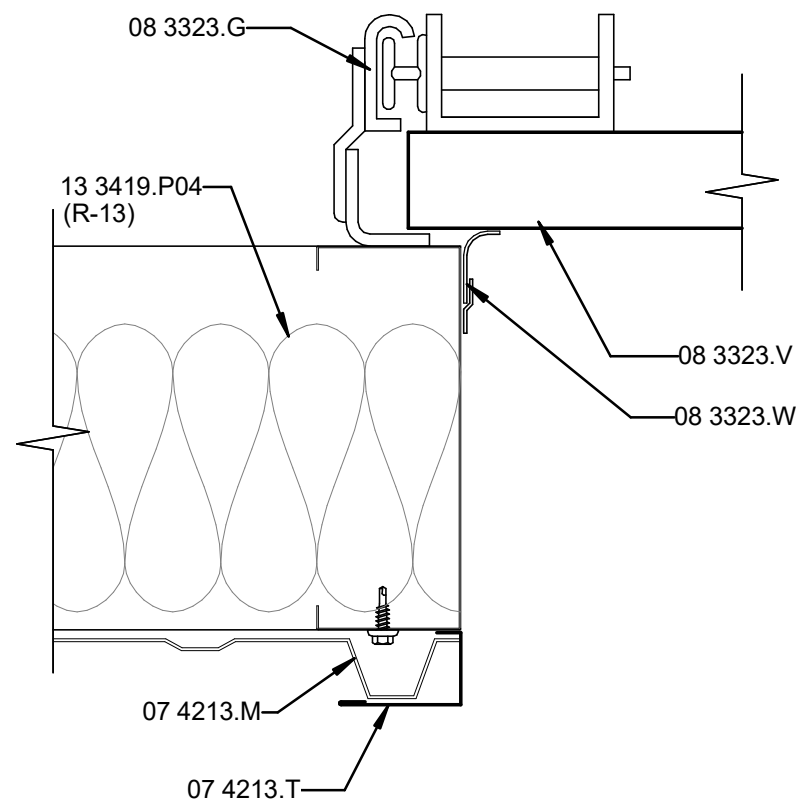
C2 FRAME TYPES
3/8" = 1'-0"



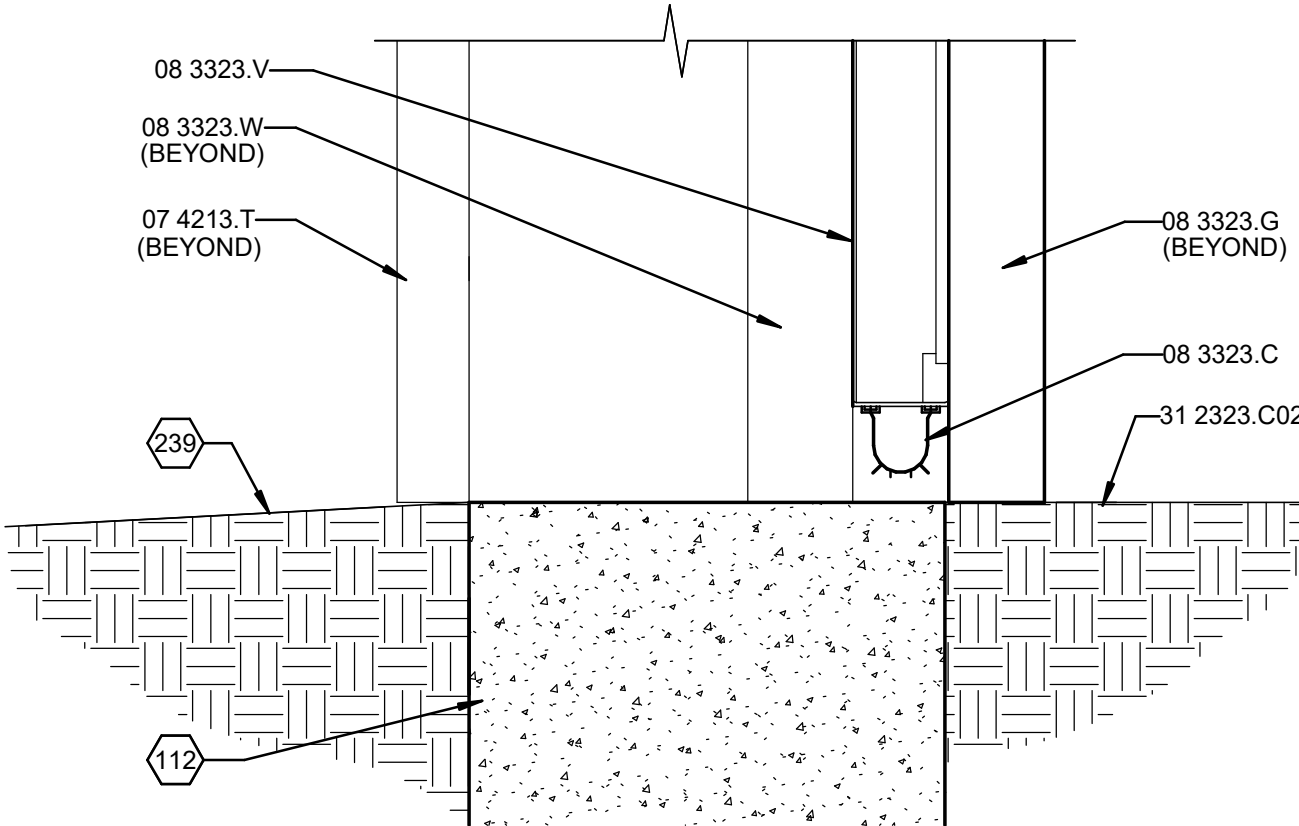
A1 DOOR TYPES
3/8" = 1'-0"



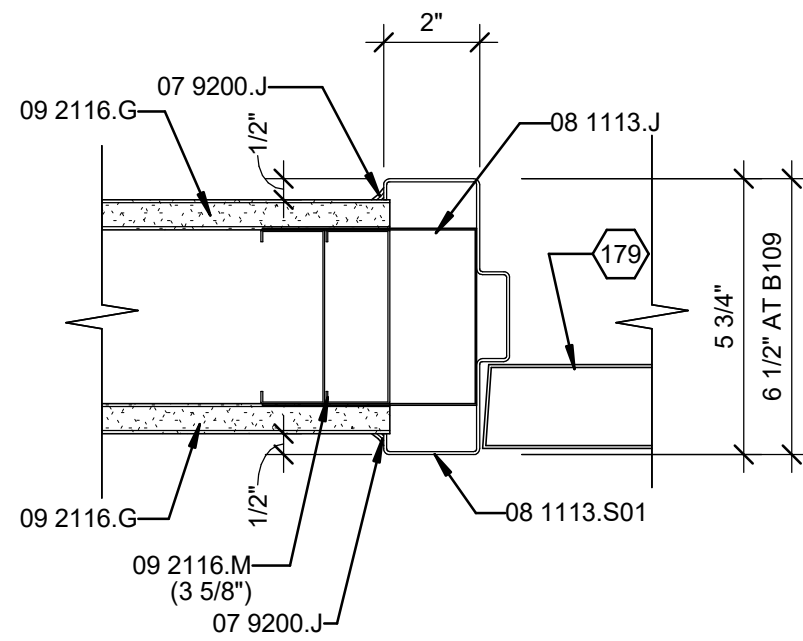
E5 OH DOOR DETAIL - HEAD
3" = 1'-0"



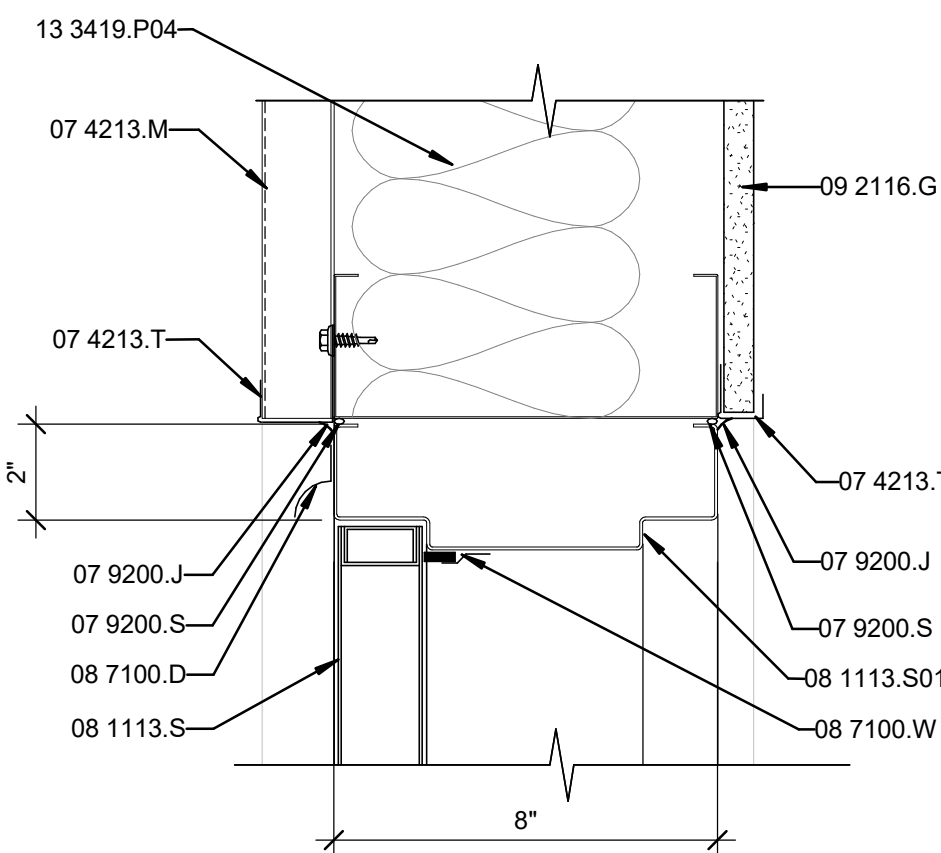
C5 OVERHEAD COILING DOOR - JAMB
3" = 1'-0"



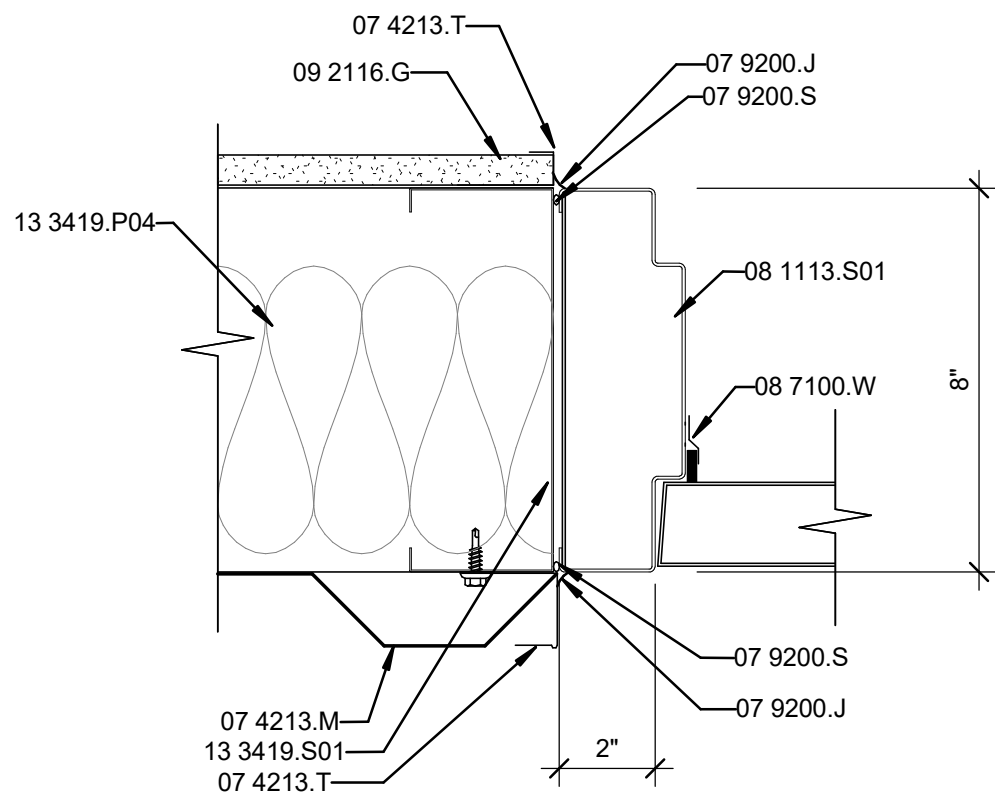
A5 OVERHEAD COILING DOOR - SILL
3" = 1'-0"



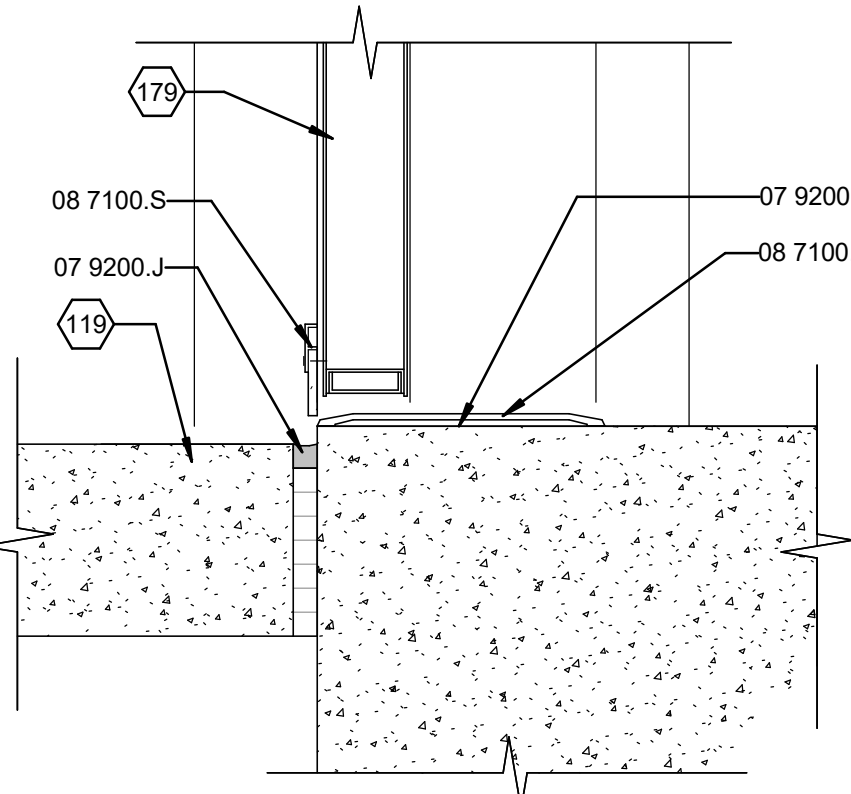
G7 INTERIOR DOOR HEAD (JAMB SIMILAR)
3" = 1'-0"



E7 HOLLOW METAL DOOR - HEAD
3" = 1'-0"



C7 HOLLOW METAL DOOR - JAMB
3" = 1'-0"



A7 HOLLOW METAL DOOR - SILL
3" = 1'-0"

GENERAL SHEET NOTES

- PAINT HOLLOW METAL DOORS AND FRAMES IN ACCORDANCE WITH SPECIFICATION SECTION 09 9000.

REFERENCE KEYNOTES

| | |
|-------------|------------------------------------|
| 07 4213.M | METAL WALL PANEL(S) |
| 07 4213.T | TRIM |
| 07 9200.J | JOINT SEALANT |
| 07 9200.S | SEALANT BACKING ROD |
| 08 1113.J | JAMB ANCHOR |
| 08 1113.S | STEEL DOOR |
| 08 1113.S01 | STEEL FRAME |
| 08 3323.C | CURTAIN BOTTOM |
| 08 3323.G | GUIDE |
| 08 3323.H | HOOD ENCLOSURE |
| 08 3323.V | OVERHEAD COILING DOOR |
| 08 3323.W | WEATHERSTRIPPING |
| 08 5659.S | SERVICE WINDOW |
| 08 7100.D | DRIP GUARD |
| 08 7100.S | SWEEP |
| 08 7100.T | THRESHOLD |
| 08 7100.W | WEATHERSTRIPPING |
| 09 2116.G | GYPSON BOARD |
| 09 2116.M | METAL STUD |
| 13 3419.N01 | INSULATION FINISHING SYSTEM |
| 13 3419.P04 | PRE-ENGINEERED BUILDING INSULATION |
| 13 3419.S01 | SECONDARY FRAMING |
| 13 3419.S11 | SUPPORT ANGLE |
| 31 2323.C02 | COMPACTED FILL |

SHEET KEYNOTES

| | |
|-----|---|
| 112 | CAST-IN-PLACE CONCRETE FOUNDATION. |
| 119 | CONCRETE PAVING - REFER TO CIVIL PLANS. |
| 179 | DOOR AS SCHEDULED. |
| 239 | FINISH GRADE. |

LEGEND

| SCHEDULE ITEM: | DESCRIPTION | SPECIFICATION SECTION |
|----------------------|------------------------|-----------------------|
| GENERAL: | | |
| EL | ELEVATION | |
| H | HEIGHT | |
| MTRL | MATERIAL | |
| NA | NOT APPLICABLE | |
| NO | NUMBER | |
| THK | THICKNESS | |
| QTY | QUANTITY | |
| W | WIDTH | |
| MATERIAL: | | |
| HM | HOLLOW METAL | 08 1113 |
| SET NUMBER: | | |
| HDW | HARDWARE | 08 7100 |
| MATERIAL: | | |
| ALUM | ALUMINUM | 08 4500 & 08 5113 |
| GLAZING TYPE: | | |
| IG | INSULATING GLASS | 08 8000 |
| TWP | TRANSLUCENT WALL PANEL | 08 4500 |

WILSON & COMPANY
414 N. MAIN ST., SUITE A
LAS CRUCES, NM 88001
PHONE: (505) 527-9257

CONSULTANTS



COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

PROJECT NAME:

| MARK | DATE | 100% IFR DESCRIPTION |
|------|------------|----------------------|
| | 10/21/2024 | |

PROJECT NO:
22-600-157-02

DRAWN BY LAE

CHECKED BY BB

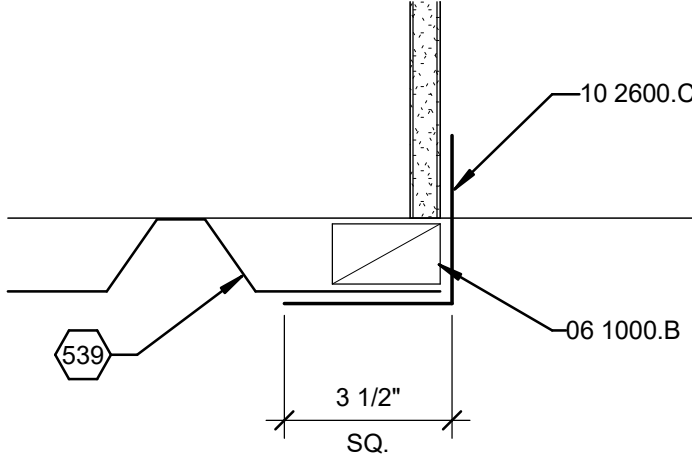
SHEET TITLE

DOOR AND
WINDOWS
SCHEDULES &
DETAILS

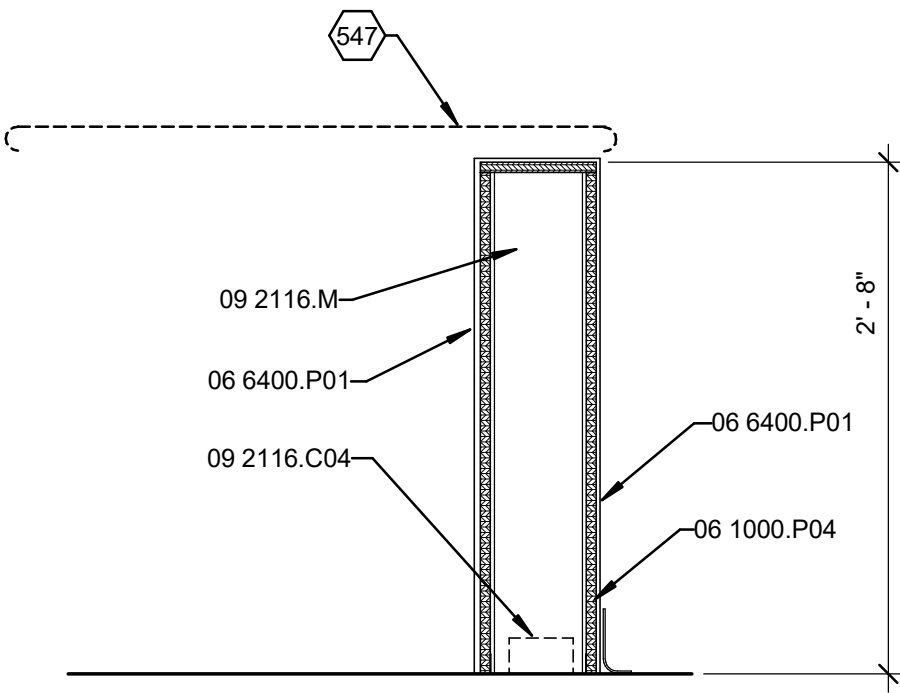
A-601

10/19/2024 9:13:17 PM

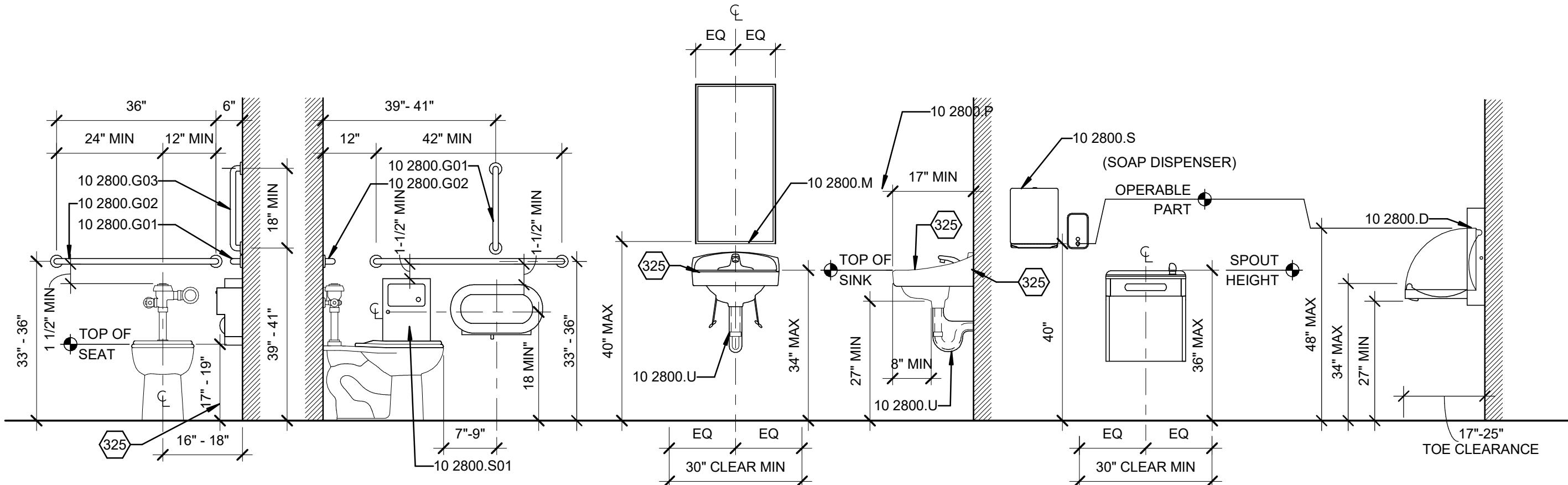
| KITCHEN / RESTROOM ADDITION - FINISH SCHEDULE | | | | | | | | | | |
|---|-----------------|--------------|------|----------|----------|----------|----------|------------|---------|-------|
| ROOM NO | ROOM NAME | FLOOR | BASE | WALLS | | | | | CEILING | NOTES |
| | | | | N | E | S | W | WAINSCOT | MATL | |
| 103 | FOYER | SEALED CONC. | RB | PT / FRP | PT / FRP | PT / FRP | PT / FRP | 48" A.F.F. | GB / PT | |
| 104 | MENS RESTROOM | SEALED CONC. | RB | PT / FRP | PT / FRP | PT / FRP | PT / FRP | 48" A.F.F. | GB / PT | |
| 105 | WOMANS RESTROOM | SEALED CONC. | RB | PT / FRP | PT / FRP | PT / FRP | PT / FRP | 48" A.F.F. | GB / PT | |
| 106 | FAMILY RESTROOM | SEALED CONC. | RB | PT / FRP | PT / FRP | PT / FRP | PT / FRP | 48" A.F.F. | GB / PT | |
| 107 | FOYER | SEALED CONC. | RB | PT / FRP | PT / FRP | PT / FRP | PT / FRP | 48" A.F.F. | GB / PT | |
| 108 | UTILITY ROOM | SEALED CONC. | RB | FRP | FRP | FRP | FRP | - | - | |
| 109 | KITCHEN | SEALED CONC. | RB | FRP | FRP | FRP | FRP | - | GB / PT | |



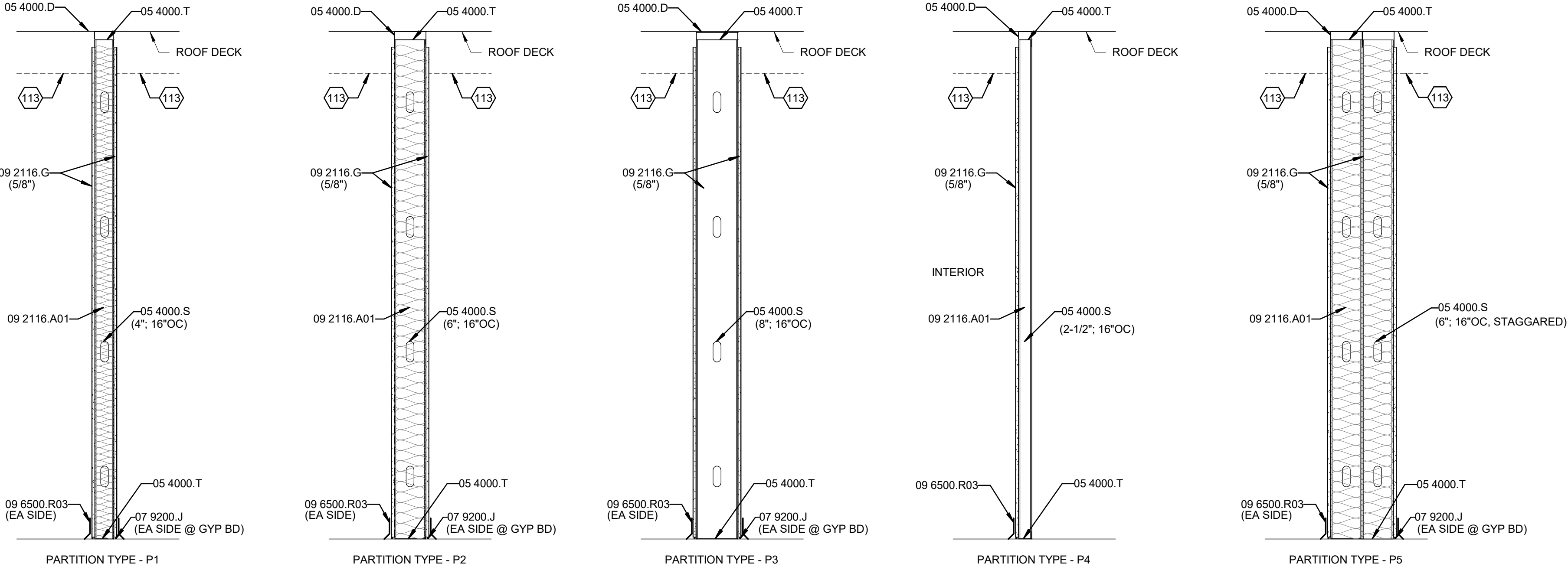
G2 CORNER WALL DETAIL
3" = 1'-0"



E1 KITCHEN PONY WALL
1" = 1'-0"



D1 FIXTURE MOUNTING HEIGHTS, TYP.
1/2" = 1'-0"



A1 Partition Schedule
3/4" = 1'-0"

GENERAL SHEET NOTES

1. PAINT HOLLOW METAL DOORS AND FRAMES IN ACCORDANCE WITH SPECIFICATION SECTION 09 9000.

REFERENCE
SPECIFICATION
SECTION
XX XXXX.XX

REFERENCE KEYNOTES

| | |
|-------------|---------------------------------------|
| 05 4000.D | DEEP LEG TRACK |
| 05 4000.S | STEEL STUD |
| 05 4000.T | TRACK |
| 06 1000.B | BLOCKING |
| 06 1000.P04 | PLYWOOD |
| 06 6400.P01 | PLASTIC PANEL |
| 07 9200.J | JOINT SEALANT |
| 09 2116.A01 | ACOUSTIC INSULATION |
| 09 2116.C04 | CLIP ANGLE |
| 09 2116.G | GYPSUM BOARD |
| 09 2116.M | METAL STUD |
| 09 6500.R03 | RESILIENT BASE TYPE RB-3 |
| 10 2600.C | CORNER GUARD |
| 10 2800.D | DIAPER CHANGING STATION |
| 10 2800.G01 | GRAB BAR TYPE A |
| 10 2800.G02 | GRAB BAR TYPE B |
| 10 2800.G03 | GRAB BAR TYPE C |
| 10 2800.M | MIRROR |
| 10 2800.P | PAPER TOWEL DISPENSER |
| 10 2800.S | SOAP DISPENSER |
| 10 2800.S01 | SANITARY NAPKIN DISPOSAL UNIT |
| 10 2800.U | UNDER-LAVATORY PIPE AND SUPPLY COVERS |



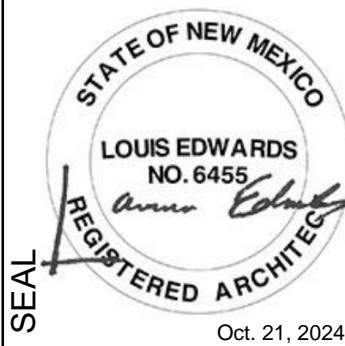
SHEET KEYNOTESS

| | |
|-----|---------------------------------------|
| 113 | CAST-IN-PLACE CONCRETE SLAB. |
| 325 | PLUMBING FIXTURE. |
| 539 | EXISTING EVENT BARN BUILDING |
| 547 | KITCHEN COUNTERTOP. RE: KITCHEN SPECS |

LEGEND

| SCHEDULE ITEM: | DESCRIPTION | SPECIFICATION SECTION |
|------------------------------------|---|-----------------------|
| FLOOR: EF SEALED CONC | EPOXY FLOORING SEALED CONCRETE FLOOR | 09 6700 03 3000 |
| BASE: RB CEF | RESILIENT BASE COVED EPOXY FLOORING | 09 6500 09 6700 |
| WALLS: PT FRP | PAINT FIBERGLASS REINFORCED PLASTIC PANEL | 09 9000 06 8201 |
| CEILING: GBC EXPOSED | GYPSUM BOARD CEILING EXPOSED TO STRUCTURE - SEE NOTE BELOW | 09 2116 |

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS
IMPROVEMENTS

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| | 10/21/2024 | 100% IFR |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

PROJECT NO:
22-600-157-02
DRAWN BY
MY
CHECKED BY
BB

SHEET TITLE
PARTITION
SCHEDULE
AND DETAILS

A-603

H

G

F

E

D

C

B

A

| FOODSERVICE EQUIPMENT SCHEDULE | | | | | | | | | |
|--------------------------------|----------|---------|------------|----------|------------|-------------|--------------|--------------------------------------|--------------------|
| ITEM NUMBER | QUANTITY | BUY OUT | FABRICATED | MILLWORK | N.I.K.E.C. | PROVIDED BY | INSTALLED BY | EQUIPMENT DESCRIPTION | EQUIP MANUFACTURER |
| 1 | — | | | | | | | SPARE NUMBER | |
| 2 | 4 | X | | | | KEC | KEC | DRY STORAGE SHELVING UNITS | METRO |
| 3 | 1 | X | | | | KEC | KEC | THREE COMP. SINK | FABRICATOR |
| 4 | 1 | X | | | | KEC | KEC | WALL MOUNT UTENSIL RACK | ADVANCE TABCO |
| 5 | 1 | X | | | | KEC | KEC | PRE-RINSE FAUCET w/ ADD A FAUCET | T&S BRASS |
| 6 | — | | | | | | | SPARE NUMBER | |
| 7 | 2 | X | | | | KEC | KEC | HAND SINK | ADVANCE TABCO |
| 8 | 1 | X | | | | KEC | KEC | TABLE — PREP W/ SINK | FABRICATOR |
| 9 | 2 | X | | | | KEC | KEC | WALL SHELVING UNITS | ADVANCE TABCO |
| 10 | — | | | | | | | SPARE NUMBER | |
| 11 | — | | | | | | | SPARE NUMBER | |
| 12 | — | | | | | | | SPARE NUMBER | |
| 13 | 1 | X | | | | KEC | KEC | WORK TABLE | ADVANCE TABCO |
| 14 | 1 | X | | | | KEC | KEC | REACH-IN REFRIGERATOR | TRUE |
| 15 | 1 | X | | | | KEC | KEC | REACH-IN FREEZER | TRUE |
| 16 | 1 | X | | | | KEC | KEC | CORNER GUARDS & WALL CAPS | FABRICATOR |
| 17 | — | | | | | | | SPARE NUMBER | |
| 18 | — | | | | | | | SPARE NUMBER | |
| 19 | — | | | | | | | SPARE NUMBER | |
| 20 | 1 | X | | | | KEC | KEC | WORK TABLE | ADVANCE TABCO |
| 21 | 1 | X | | | | KEC | KEC | GRIDDLE | ROYAL RANGE |
| 22 | — | | | | | | | SPARE NUMBER | |
| 23 | 1 | X | | | | KEC | KEC | 6 O.B. RANGE w/ OVEN | ROYAL RANGE |
| 24 | 1 | X | | | | KEC | KEC | STACKED CONVECTION OVENS | ROYAL RANGE |
| 25 | LOT | X | | | | KEC | KEC | S/S WALL FLASHING | FABRICATOR |
| 26 | 1 | X | | | | KEC | KEC | EXHAUST HOOD — TYPE I | CAPTIVE AIRE |
| 27 | 1 | X | | | | KEC | KEC | FIRE SUPPRESSION SYSTEM | ANSUL |
| 28 | 1 | X | | | | KEC | KEC | ELECTRICAL CONTROL PACKAGE | CAPTIVE AIRE |
| 29 | 1 | X | | | | KEC | KEC | FRONT SERVICE COUNTER TOP & DIE WALL | MILLWORK |
| 30 | 1 | X | | | | KEC | KEC | BUFFET COUNTER BASE CABINET | FABRICATOR |
| 31 | — | | | | | | | SPARE NUMBER | |
| 32 | — | | | | | | | SPARE NUMBER | |
| 33 | — | | | | | | | SPARE NUMBER | |
| 34 | — | | | | | | | SPARE NUMBER | |
| 35 | — | | | | | | | SPARE NUMBER | BY OWNER |
| 36 | 1 | X | | | | KEC | KEC | CONDIMENT COUNTER | ADVANCE TABCO |
| 37 | 1 | X | | | | KEC | KEC | AIR CURTAIN | MARS AIR SYSTEMS |
| 38 | 1 | X | | | | KEC | KEC | CHEMICAL STORAGE SHELVING UNIT | METRO |
| 39 | 1 | X | | | | KEC | KEC | MOP SINK | ADVANCE TABCO |
| 40 | 1 | X | | | | KEC | KEC | SERVICE FAUCET | T&S BRASS |
| 41 | 1 | X | | | | KEC | KEC | UTILITY SHELF | ADVANCE TABCO |
| 42 | — | | | | | | | SPARE NUMBER | |
| 43 | — | | | | | | | SPARE NUMBER | |
| 44 | — | | | | | | | SPARE NUMBER | |
| 45 | — | | | | | | | SPARE NUMBER | |

NOTES:

1. ALL CONNECTIONS SHOWN IN THE SCHEDULE ARE SIZED AS THEY ACTUALLY OCCUR ON THE EQUIPMENT.

2. CONNECTIONS SHOWN ARE FOR ONE UNIT. TO DETERMINE TOTAL REQUIREMENTS, MULTIPLY BY NUMBER IN QUANTITY COLUMN.

3. NOT USED.

4. WHERE INDICATED TO CONNECT IN OR THROUGH A VALVE COMPARTMENT, CONTRACTOR TO STUB-UP INTO VALVE COMPARTMENT AT HEIGHT INDICATED ON ROUGH-IN PLAN, CAP WORK AND MAKE FINAL CONNECTIONS AFTER EQUIPMENT IS IN PLACE
5. EXTEND TO AND TERMINATE CONNECTIONS FOR THE EQUIPMENT IN THE LOCATIONS INDICATED IN THE EQUIPMENT SCHEDULE AND SPOT PLANS.

6. ITEMS SHOWN WITH P.I. CONNECTIONS PLUG INTO RECEPTACLES PROVIDED BY THE CONTRACTOR AS PART OF THE EQUIPMENT.

7. CONTRACTOR TO PROVIDE ROUGH-IN BUILDING SERVICES AND FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT.

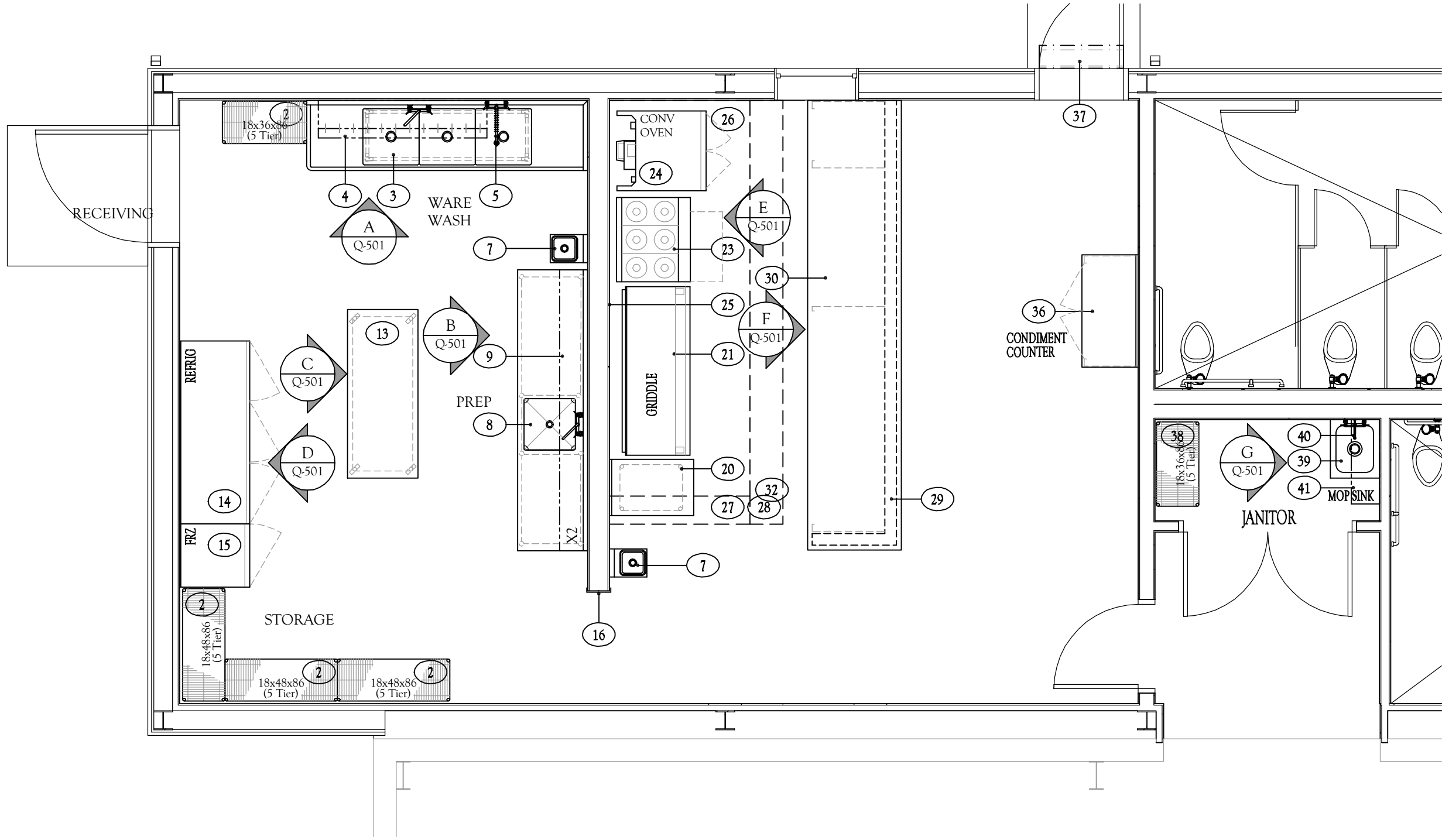
8. SUBSTITUTIONS REFER TO SPECIFICATION SECTION 01 6000.

CONTRACT CODE:

| | | |
|---------------------------|---------------------|--------------------------|
| GC — CONTRACTOR FURNISHED | F — FABRICATE | P — PURCHASE |
| O — OWNER FURNISHED | OT — BY OTHERS | V — VENDOR FURNISHED |
| N.I.C. — NOT IN CONTRACT | ALT — ALTERNATE BID | BB — INCLUDE IN BASE BID |

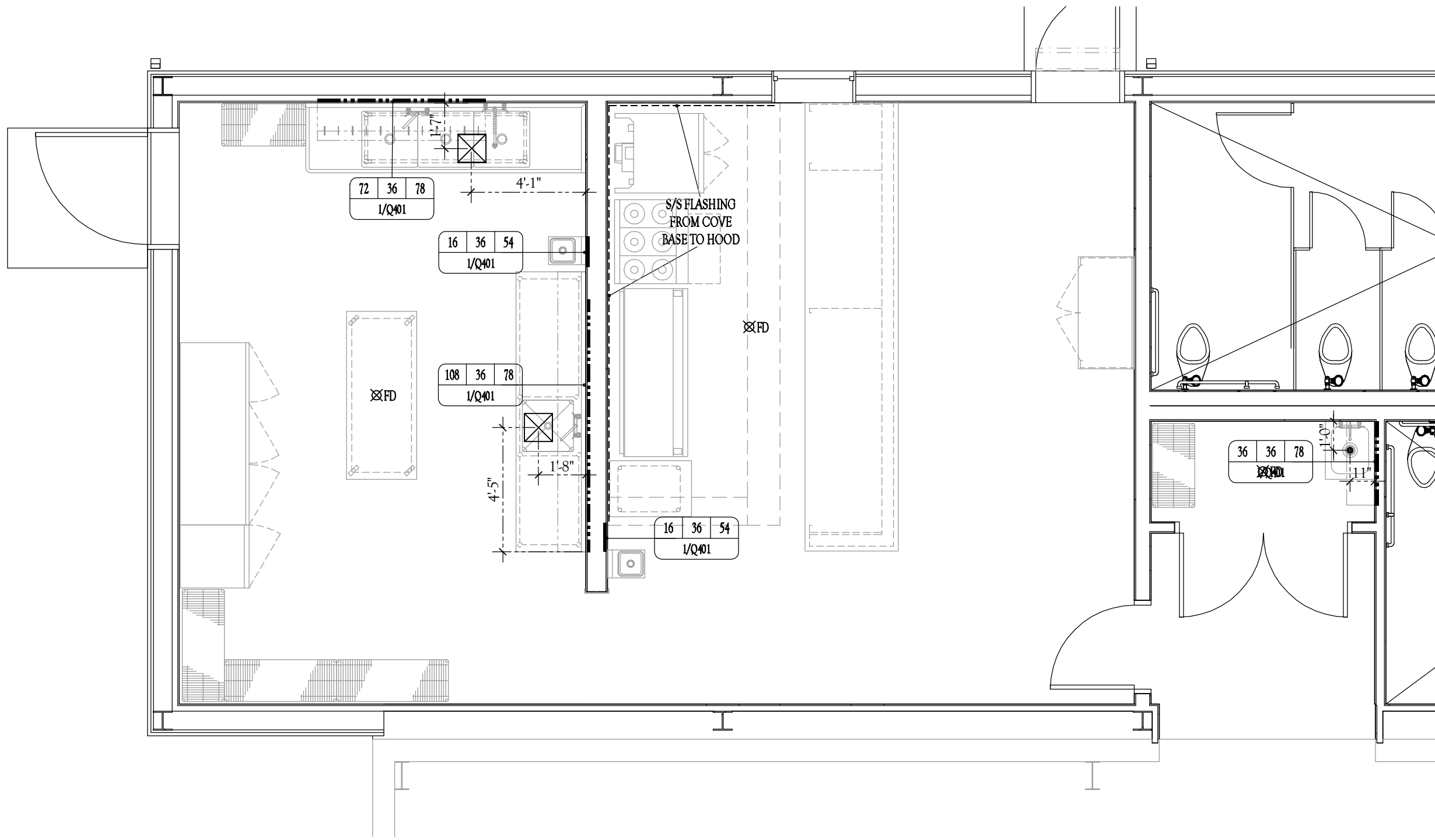
NOTE:

1. ALL S/S CUSTOM FABRICATION TO BE MANUFACTURED TO NSF STANDARDS BY APPROVED FABRICATOR.
2. CUSTOM REFRIGERATION TO BE FABRICATED TO NSF STANDARDS BY CERTIFIED NSF FABRICATOR.

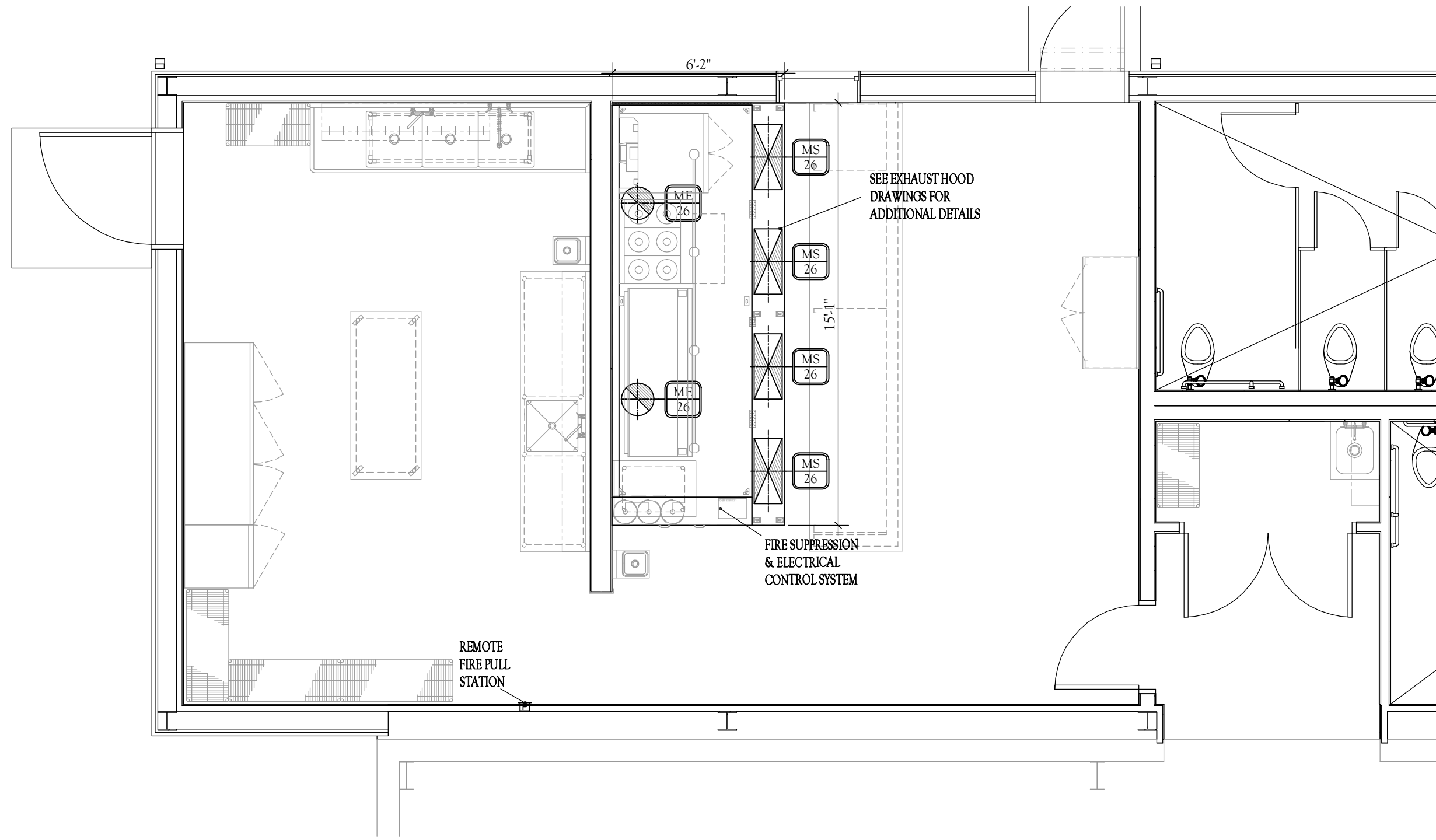


| MARK | DATE | DESCRIPTION |
|------|----------|--------------------------|
| | 09/20/24 | 100% ICF |
| I | 07/19/24 | 90% NOT FOR CONSTRUCTION |
| I | 06/10/24 | NOT FOR CONSTRUCTION |
| I | 03/18/24 | NOT FOR CONSTRUCTION |

H
G
F
E
D
C
B
A



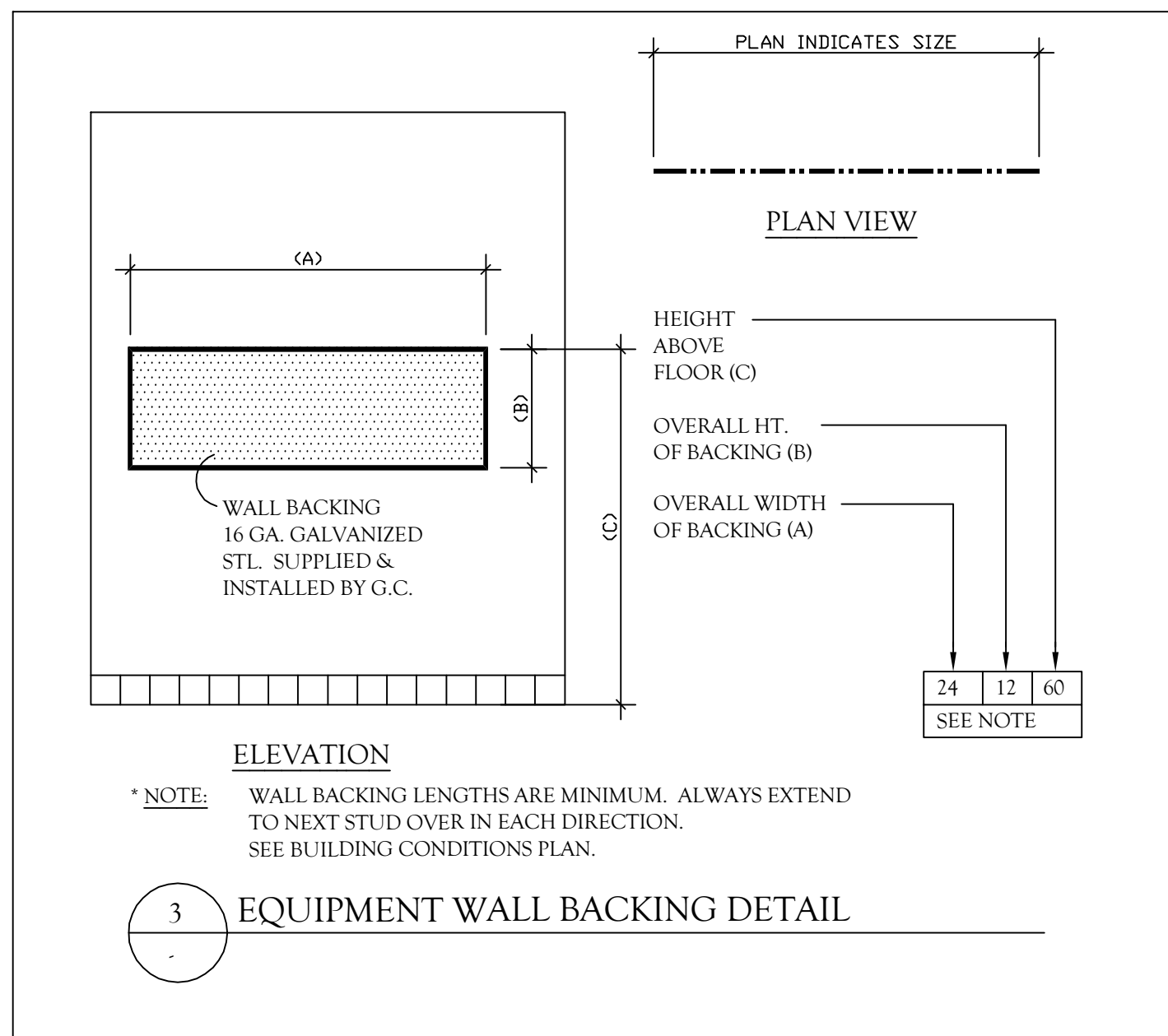
Q2 FOODSERVICE SPECIAL CONDITIONS PLAN
SCALE: 1/4" = 1'-0"



Q1 FOODSERVICE MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

SYMBOLS

| | |
|--|--|
| | WALL BACKING FOR EQUIPMENT ABOVE 36" (BY GENERAL CONTRACTOR) |
| | S/S WALL FLASHING (BY K.E.C.) |



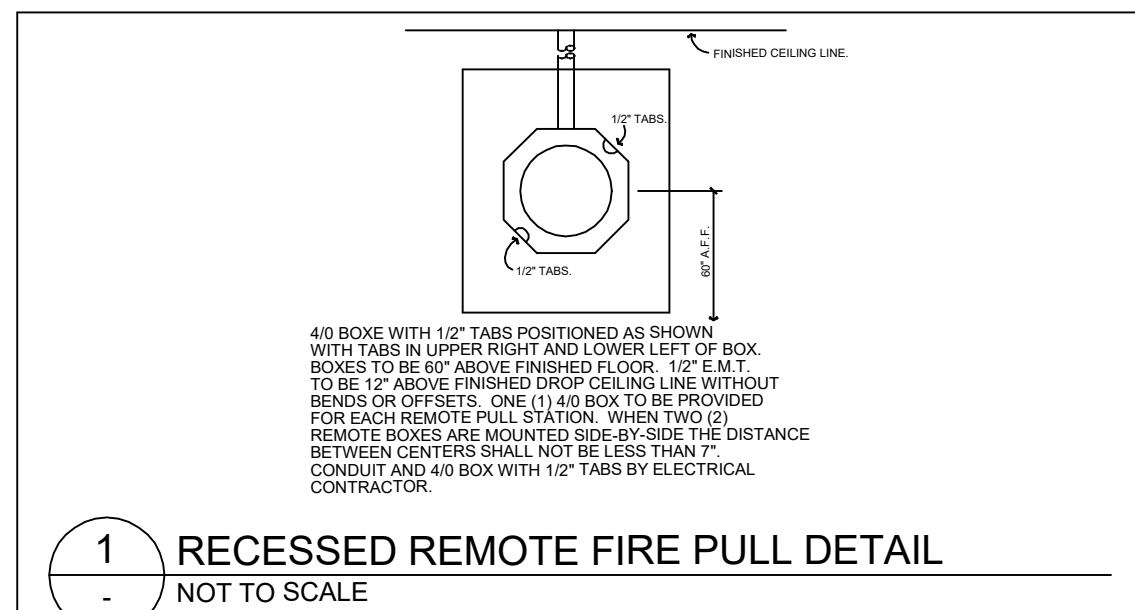
* NOTE: WALL BACKING LENGTHS ARE MINIMUM. ALWAYS EXTEND TO NEXT STUD OVER IN EACH DIRECTION. SEE BUILDING CONDITIONS PLAN.

Q3 EQUIPMENT WALL BACKING DETAIL

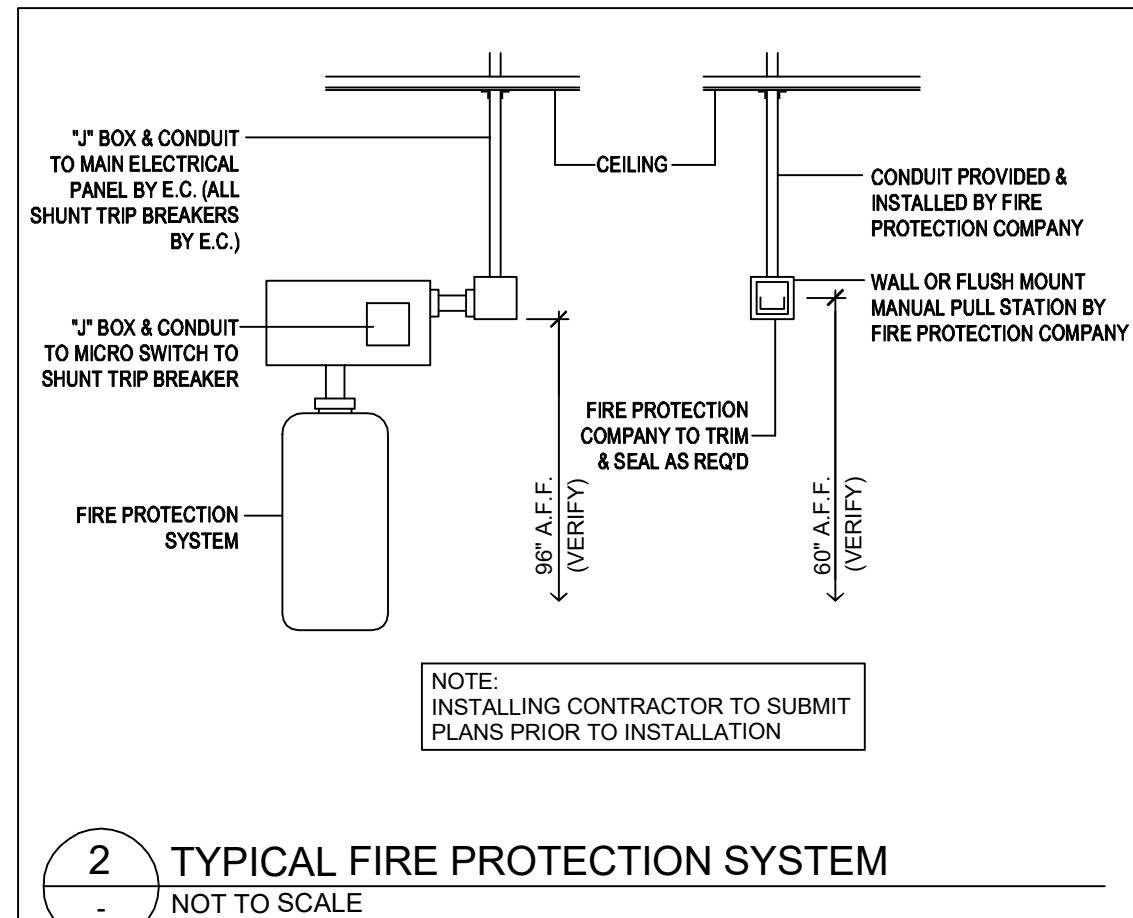
MECHANICAL SYSTEM NOTES

- EXHAUST HOOD REQUIREMENTS AND DUCT COLLAR SIZES SHALL BE COORDINATED WITH FINAL SHOP DRAWINGS PRIOR TO FABRICATION.
- ALL FINAL DUCT WELDING AND CONNECTIONS TO BE INCLUDED IN THE GC CONTRACT.
- DUCTWORK, EXHAUST AND MUA FANS TO BE PROVIDED AND INSTALLED BY THE GC'S MECHANICAL CONTRACTOR.
- PROVIDE DISCONNECT ON ROOF FOR EXHAUST AND M.U.A. FANS.
- ELECTRICAL EQUIPMENT UNDER EXHAUST HOOD MUST HAVE SHUNT TRIP BREAKERS AT ELECTRICAL PANEL CONNECTED TO MICROSWITCHES IN THE FIRE SYSTEM.
- K.E.C. IS TO PROVIDE CLOSURE TRIM PANELS FROM TOP OF HOOD TO CEILING & S/S WALL PANELS
- REFER TO ENGINEERING HOOD DATA SHEETS FOR COMPLETE CFM REQ'S
- REFRIGERATION LINES ARE FOR SCHEMATIC PURPOSE ONLY.
- K.E.C. & G.C. TO VERIFY EXACT LOCATION OF REFRIGERATION UNITS ON THE ROOF WITH ARCHITECT PRIOR TO INSTALLATION.

| MECHANICAL ROUGH-IN SCHEDULE | | | | | | | | | | | |
|------------------------------|-----|------|-----------|-----|-----|-----------------------|---------------|--------------|-------------|------------------------|--------------------|
| ITEM | QUA | TAG | HOOD SIZE | | | AIR FLOW REQUIREMENTS | | | | | HOOD WEIGHT (LBS.) |
| | | | L | W | H | EXHAUST C.F.M. | SUPPLY C.F.M. | EXHAUST SIZE | SUPPLY SIZE | TOTAL HOOD INCHES W.C. | |
| 26 | 1 | ME26 | 168" | 60" | 30" | 1575(EA) | | 14"DIA | | -0.593" | 1274 |
| 26 | 4 | MS26 | 181" | 14" | 6" | | 650(EA) | | 28" x 12" | 0.161" | - |



Q1 RECESSED REMOTE FIRE PULL DETAIL
NOT TO SCALE



Q2 TYPICAL FIRE PROTECTION SYSTEM
NOT TO SCALE

WILSON & COMPANY
4401 Masthead St. NE, Suite 150
Albuquerque, NM 87109
Phone: (505) 348-4000

CONSULTANTS



SEAL

PROJECT NAME
SIERRA COUNTY
FAIRGROUNDS
TRUTH OR CONSEQUENCES
NEW MEXICO

| MARK | DATE | DESCRIPTION |
|------|----------|--------------------------|
| | 09/20/24 | 100% ICF |
| | 07/19/24 | 90% NOT FOR CONSTRUCTION |
| | 06/10/24 | NOT FOR CONSTRUCTION |
| | 03/18/24 | NOT FOR CONSTRUCTION |

PROJECT NO:
LKD 23-109
DRAWN BY: SK/DK
CHECKED BY: SA/SK

SHEET TITLE
EQUIPMENT
MECHANICAL AND
SPECIAL
CONDITIONS PLAN

Q-401
SHEET ___ OF ___

H

G

F

E

D

C

B

A

HOOD INFORMATION – JOB#6619544

| HOOD NO | TAG | MODEL | MANUFACTURER | LENGTH | MAX COOKING TEMP | TYPE | APPLIANCE DUTY | DESIGN CFM/FT | TOTAL EXH CFM | EXHAUST PLENUM RISER(S) | | | | | | TOTAL SUPPLY CFM | HOOD CONSTRUCTION | HOOD CONFIG | | |
|---------|-----|-----------------|--------------|--------|------------------|------|----------------|---------------|---------------|-------------------------|------|--------|-----|------|------|------------------|-------------------|----------------------|------------|-------|
| | | | | | | | | | | WIDTH | LENG | HEIGHT | DIA | CFM | VEL | | | SP | END TO END | ROW |
| | | | | | | | | | | | | | | | | | | | | |
| 1 | 26 | 6030 ND-2-PSP-F | CAPTIVEAIRE | 14' 0" | 600 DEG | I | HEAVY | 225 | 3150 | | | 4" | 14" | 1575 | 1473 | -0.593' | 2600 | 430 SS WHERE EXPOSED | ALONE | ALONE |
| | | | | | | | | | | | | 4" | 14" | 1575 | 1473 | -0.593' | | | | |

HOOD INFORMATION

| HOOD NO | TAG | TYPE | FILTER(S) | | | EFFICIENCY @ 7 MICRONS | QTY | LIGHT(S) | | | WIRE GUARD | LOCATION | SIZE | UTILITY CABINET(S) | | | FIRE SYSTEM HANGING PIPING | HOOD HANGING WEIGHT |
|---------|-----|----------------------|-----------|--------|--------|------------------------|-----|----------------|----|--|------------|----------|-------------|--------------------|-------------|---------|----------------------------|---------------------|
| | | | QTY | HEIGHT | LENGTH | | | TYPE | | | | | | TYPE | SIZE | MODEL # | | |
| 1 | 26 | CAPTRATE SOLD FILTER | 10 | 20" | 16" | 85% SEE FILTER SPEC | 4 | L55 SERIES E26 | NO | | | LEFT | 12"x60"x30" | TANK FS | 4.0/4.0/4.0 | | YES | 1274 LBS |

HOOD OPTIONS

| HOOD NO | TAG | OPTION | | | | | | | | | |
|---------|-----|---|--|--|--|--|--|--|--|--|--|
| 1 | 26 | FIELD WRAPPER 18.00' HIGH FRONT, LEFT. | | | | | | | | | |
| | | BACKSPLASH 128.00' HIGH X 199.00' LONG 430 SS VERTICAL. | | | | | | | | | |
| | | RIGHT SIDESPLASH 128.00' HIGH X 78.00' LONG 430 SS VERTICAL. | | | | | | | | | |
| | | RIGHT END STANDOFF (FINISHED) 1' WIDE 60' LONG INSULATED. | | | | | | | | | |
| | | LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. | | | | | | | | | |
| | | STRUCTURAL FRONT PANEL. | | | | | | | | | |

PERFORATED SUPPLY PLENUM(S)

| HOOD NO | TAG | POS | LENGTH | WIDTH | HEIGHT | TYPE | RISER(S) | | | |
|---------|-----|-------|--------|-------|--------|------|----------|------|-----|------------|
| | | | | | | | WIDTH | LENG | DIA | SP |
| 1 | 26 | Front | 181' | 14' | 6' | MUA | 12" | 28" | | 650 0.161' |
| | | | | | | MUA | 12" | 28" | | 650 0.161' |
| | | | | | | MUA | 12" | 28" | | 650 0.161' |
| | | | | | | MUA | 12" | 28" | | 650 0.161' |

PATENT NUMBERS

AC-PSP (UNITED STATES) – US PATENT 7963830 B2.
AC-PSP WALL (CANADA) – CA PATENT 2820509.
AC-PSP ISLAND (CANADA) – CA PATENT 2520330.

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLD FILTER

THE CAPTRATE GREASE-STOP® SOLD FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

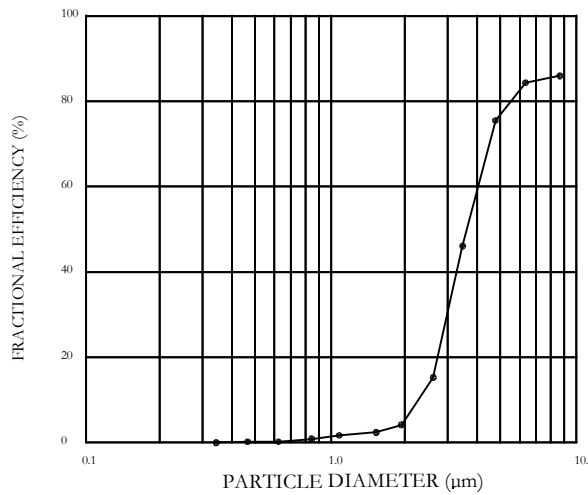
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

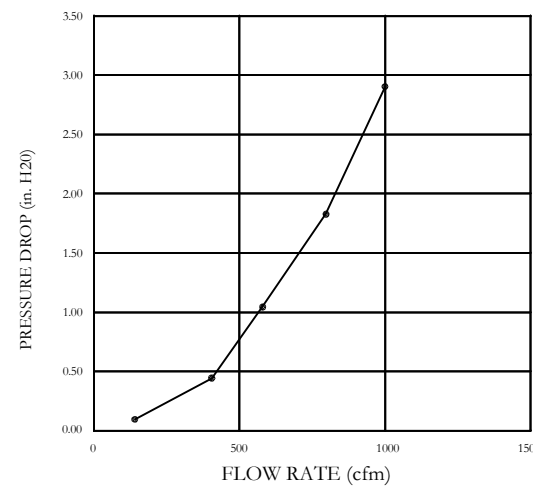
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 95% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 10 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP® SOLD WAS TESTED TO ASTM STANDARD ASTM F2519-05.

EFFICIENCY VS. PARTICLE DIAMETER

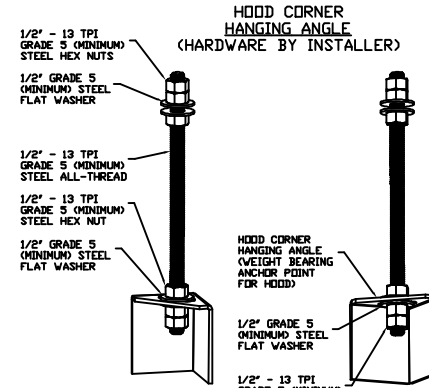


PRESSURE DROP VS. FLOW RATE



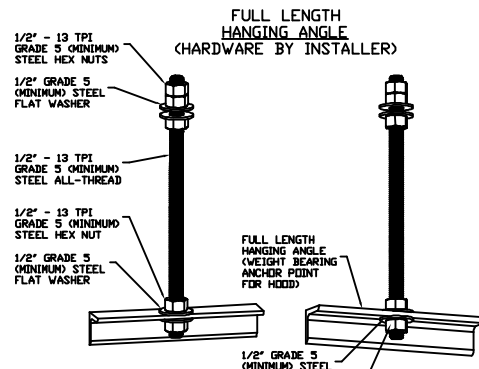
CAPTIVEAIRE FILTERS ARE BUILT IN COMPLIANCE WITH:

NFPA #96
NSF STANDARD #42
UL STANDARD #1046
INT. MECH. CODE (IMC)
ULC-S649



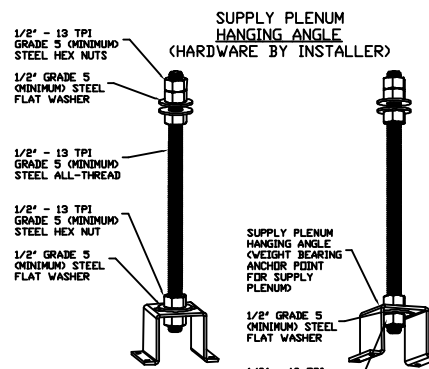
ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" – 13 TPI GRADE 5 CHROMIUM ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 CHROMIUM STEEL FLAT WASHERS AND 1/2" – 13 TPI GRADE 5 CHROMIUM HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

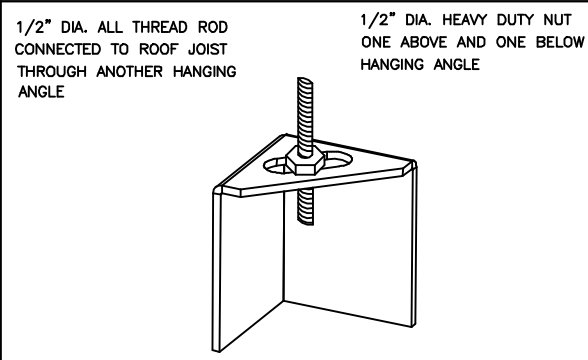
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" – 13 TPI GRADE 5 CHROMIUM ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 CHROMIUM STEEL FLAT WASHERS AND 1/2" – 13 TPI GRADE 5 CHROMIUM HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" – 13 TPI GRADE 5 CHROMIUM ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 CHROMIUM STEEL FLAT WASHERS AND 1/2" – 13 TPI GRADE 5 CHROMIUM HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

FOR QUESTIONS, CONTACT THE
Arizona Office
REGION 93
PHONE: (480) 926-6810
EMAIL: reg93@captiveaire.com



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

ND-2 HANGING ANGLE DETAIL

| HOOD STYLE | DIM FROM REAR | DIM FROM FRONT (24"H) | DIM FROM FRONT (30"H) |
|------------------------|---------------|-----------------------|-----------------------|
| CANOPY ND2 | 4.166" | 2.246" | 2.246" |
| ND2-PSP-F | 4.166" | 2.246" | 2.246" |
| BACKSHELF 2847BD | 2.00" | 14.25" | — |
| VHB/VHB-G | 36"x36" | 42"x42" | 48"x48" |
| FRONT/BACK LWS BY SIZE | 2.246" | 2.246" | 2.246" |

HANGING ANGLE LOCATIONS

EXHAUST CFM/LENGTH OF HOOD X CFM/UNIT. (LOAD)
SUPPLY CFM/EXHAUST CFM X PERCENTAGE REQUIRED
TOTAL DUCT AREA=144 X
CFM
FPM(X)
DUCT LENGTH= TOTAL DUCT AREA

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500-1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM.

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:



BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:

| MATERIAL | CLEARANCE REDUCTION SYSTEM |
|---------------------|----------------------------|
| NON-COMBUSTIBLE | NONE REQUIRED |
| LIMITED-COMBUSTIBLE | 3" UNINSULATED STANDOFF |
| COMBUSTIBLE | 1" INSULATED STANDOFF |

CLEARANCE TO COMBUSTIBLES

INSTALLATION

- ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
- ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
- HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
- ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTOR'S PLANS.
- COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE.
- EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
- ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
- LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
- SEISMIC RESTRAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
- INSTALLING CONTRACTORS ASSUME ALL RELATED RESPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

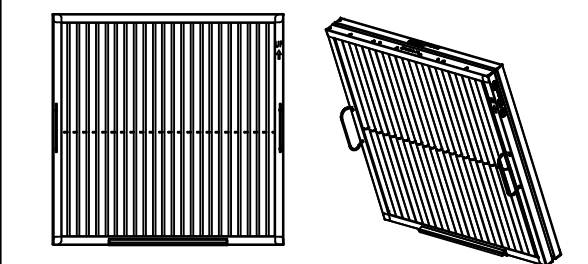
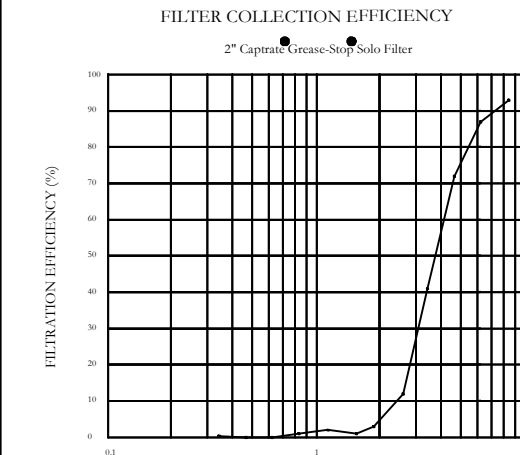
BALANCE

- KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
- KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
- RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.

ADDITIONAL

- WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
- SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE ISSUED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES



FILTER DETAIL



Arizona Office
18206 N 19th Ave, Suite 1A-1B, Phoenix, AZ 85023 PHONE: (480) 926-6810 FAX: 877-192227 EMAIL: reg93@captiveaire.com
www.captiveaire.com

Sierra County Fairgrounds
TRUTH OR CONSEQUENCES, NM, 87901

DATE: 3/18/2024

DWG.#:

6619544

DRAWN BY: tim.nathis

SCALE:

3/4" = 1'-0"

MASTER DRAWING

SHEET NO.

1

WILSON & COMPANY
4401 Masthead St. NE, Suite 150
Albuquerque, NM 87109
Phone: (505) 348-4000

CONSULTANTS



SEAL

PROJECT NAME
SIERRA COUNTY FAIRGROUNDS
TRUTH OR CONSEQUENCES
NEW MEXICO

| MARK | DATE | DESCRIPTION |
|------|----------|--------------------------|
| | 09/20/24 | 100% ICF |
| | 07/19/24 | 90% NOT FOR CONSTRUCTION |
| | 06/10/24 | NOT FOR CONSTRUCTION |
| | 03/18/24 | NOT FOR CONSTRUCTION |

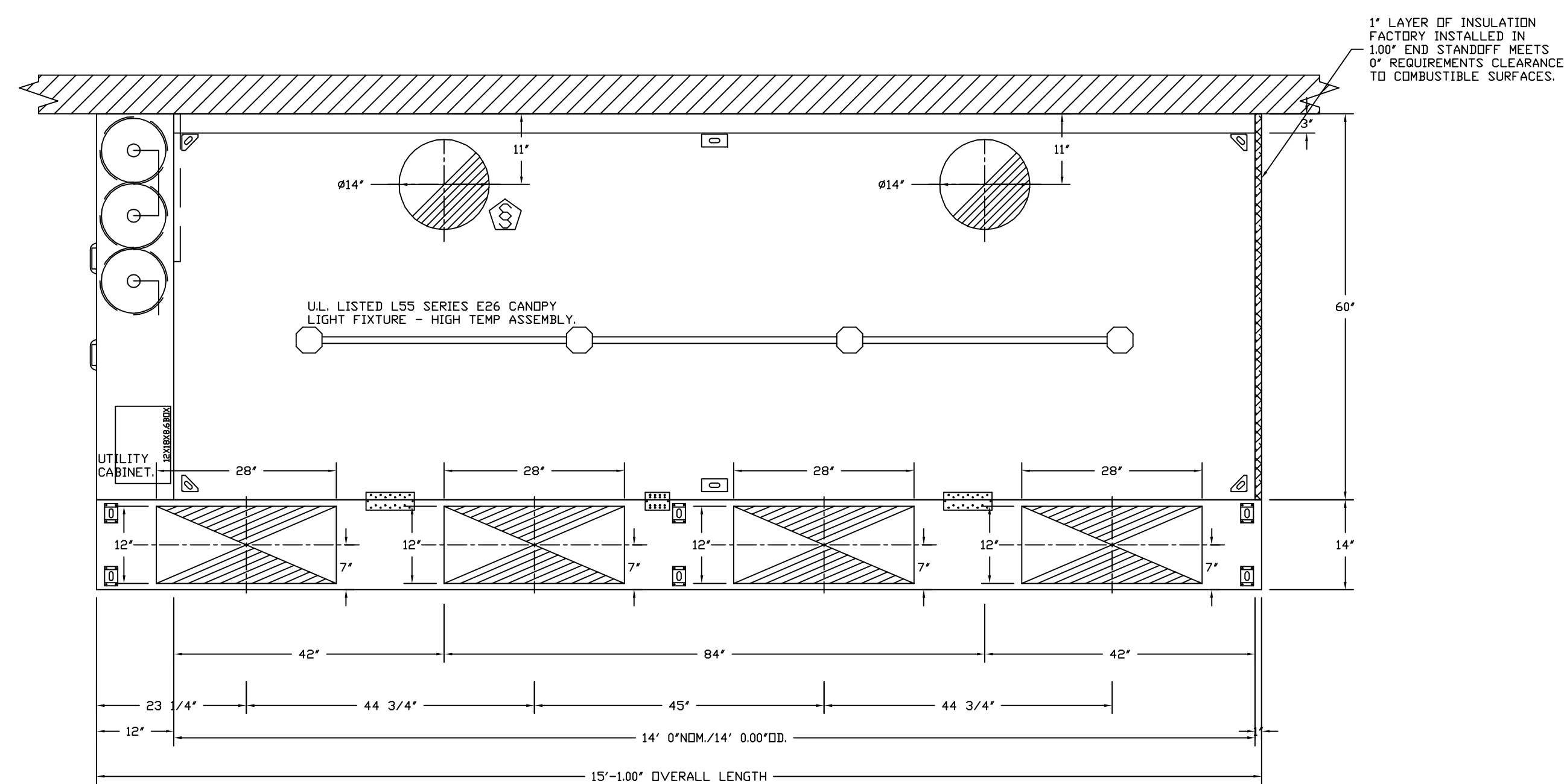
PROJECT NO:
LKD 23-109

DRAWN BY: SK/DK

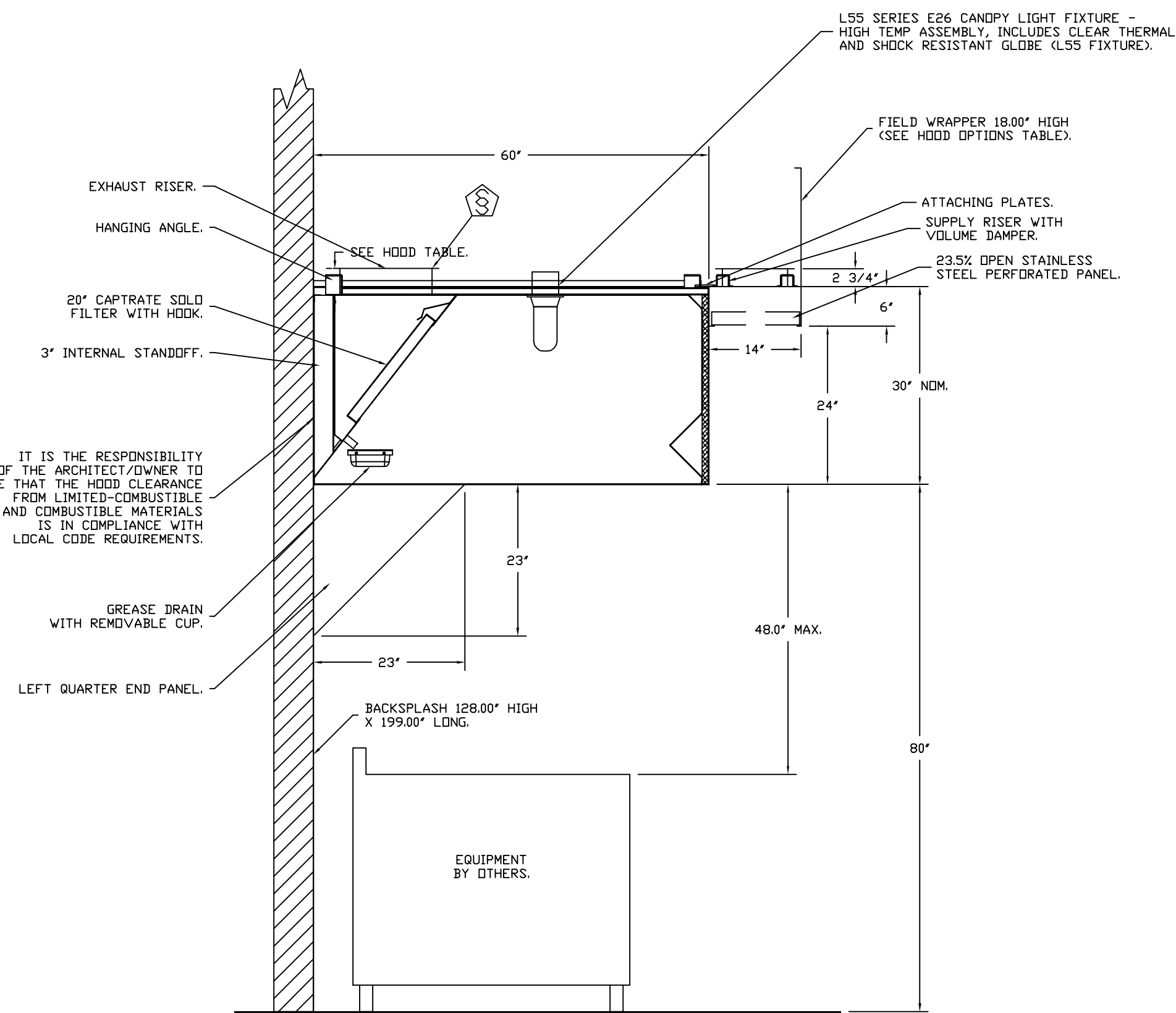
CHECKED BY: SK/SK

SHEET TITLE
FOODSERVICE
EXHAUST HOODS
DRAWINGS

Q-402
SHEET ___ OF ___



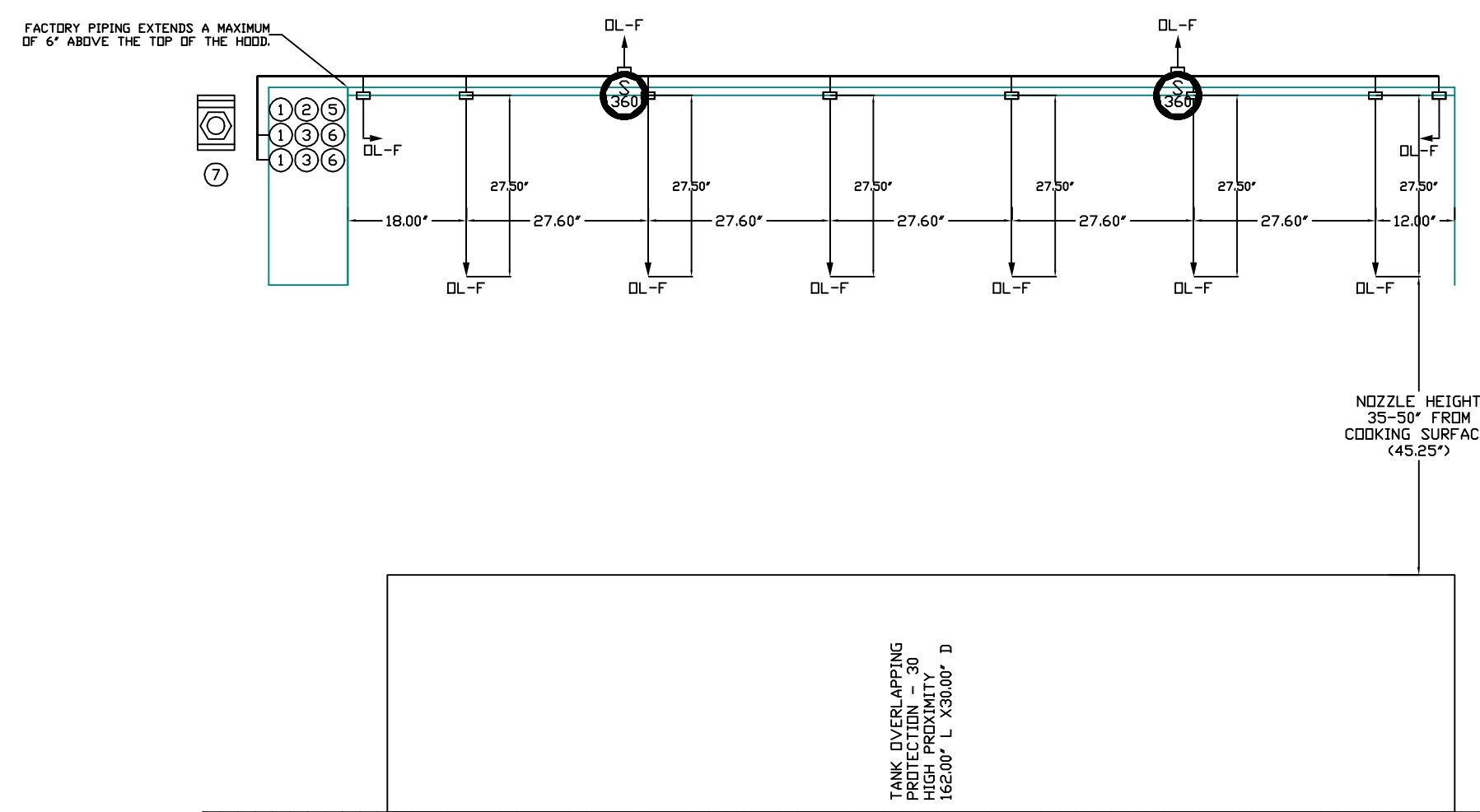
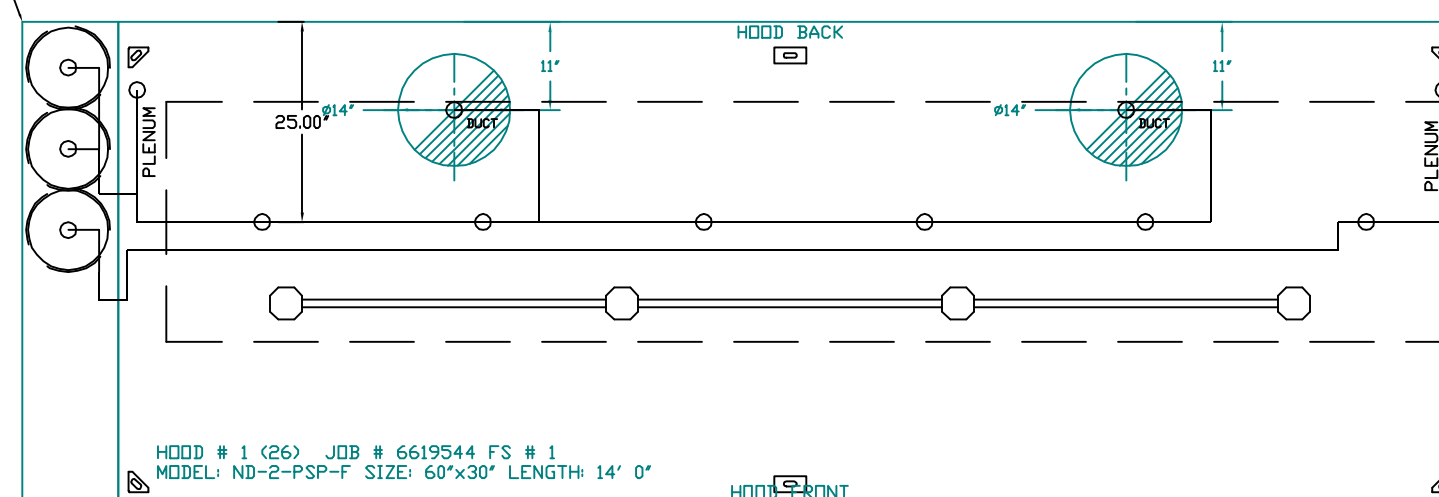
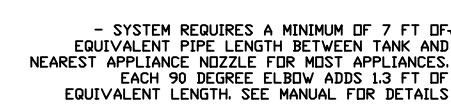
PLAN VIEW - HOOD #1 (26)
14' 0.00" LONG 6030ND-2-PSP-F
NOTE: ADDITIONAL HANGING ANGLES PROVIDED FOR HOODS 12' AND LONGER



SECTION VIEW - MODEL 6030ND-2-PSP-F
HOOD - #1 (26)



| FIRE SYSTEM NO | TAG | TYPE | SIZE | MAX FP | DESIGN FP | INSTALLATION | |
|----------------|-----|---------|-------------|--------|-----------|-------------------|------------------|
| | | | | | | SYSTEM | LOCATION ON HOOD |
| 1 | 27 | TANK FS | 4.0/4.0/4.0 | 60 | 46 | FIRE CABINET LEFT | LEFT, HOOD 1 |



- FIELD PIPE DROPS AS SHOWN
- PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
- SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED
- FIELD INSTALLED DROPS TO BE FIELD-INSTALLED
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- 2" DRIPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
- IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6' ABOVE THE TOP OF THE HOOD.

APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.

- THIS FIELD SYSTEM COMPLIES WITH UL. 300 REQUIREMENTS.
- QL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 6619544.
JOB NAME: SIERRA COUNTY FAIRGROUNDS.

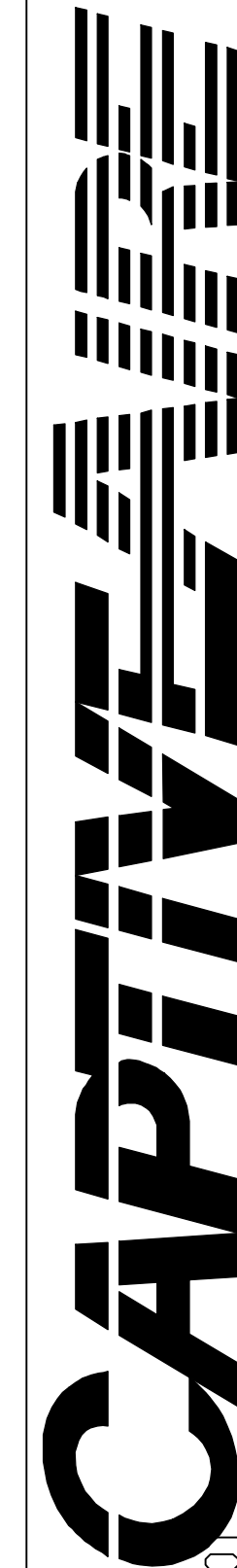
SYSTEM SIZE: TANK-SP-3 DESIGN FP: 46, MAXIMUM FP: 60.
HOOD # 1 14" 0.00" LONG X 60" WIDE X 30" HIGH.
RISER # 1 SIZE: 14" DIA.
RISER # 2 SIZE: 14" DIA.
HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

LEGEND - FIRE CABINET TANK SYSTEM

- 1 4 GALLON TANK.
2 PRIMARY ACTUATOR RELEASE.
3 SECONDARY ACTUATOR RELEASE.
4 PRESSURE SUPERVISION SWITCH.
5 PRIMARY HOSE ASSEMBLY.
6 SECONDARY HOSE ASSEMBLY.
7 REMOTE MANUAL ACTUATION DEVICE.

| REVISIONS | | |
|-----------|-------------|-------|
| | DESCRIPTION | DATE: |
| △ | | |
| △ | | |
| △ | | |
| △ | | |



Arizona Office
18206 N 19th Ave, Ste A-1B, Phoenix, AZ 85023 PHONE: (480) 926 - 6810 FAX: 8777192227 EMAIL: reg93@capliveaire.com
www.capliveaire.com

Sierra County Fairgrounds
TRUTH OR CONSEQUENCES, NM

DATE: 3/18/2024

DWG.#:
6619544

DRAWN BY: tim.ma.this

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

MASTER DRAWING

SHEET NO.
2

WILSON
& COMPANY
44401 Masthead St. NE, Suite 150
Albuquerque, NM 87109
Phone: (505) 348-4000

CONSULTANTS



PROJECT NAME

SIERRA COUNTY
FAIRGROUNDS
TRUTH OR CONSEQUENCES
NEW MEXICO

| | | | |
|------|---|----------|--------------------------|
| | - | 09/20/24 | 100% ICF |
| | - | 07/19/24 | 90% NOT FOR CONSTRUCTION |
| | - | 06/10/24 | NOT FOR CONSTRUCTION |
| MAYK | - | 03/18/24 | DATE DESCRIPTION |

| | |
|-------------|------------|
| PROJECT NO: | LKD 23-109 |
| DRAWN BY: | SK/DK |
| CHECKED BY: | SA/SK |

SHEET TITLE
FOODSERVICE
EXHAUST HOODS
DRAWINGS

Q-403

SHEET OF —

SHEET ____ OF ____

H

G

F

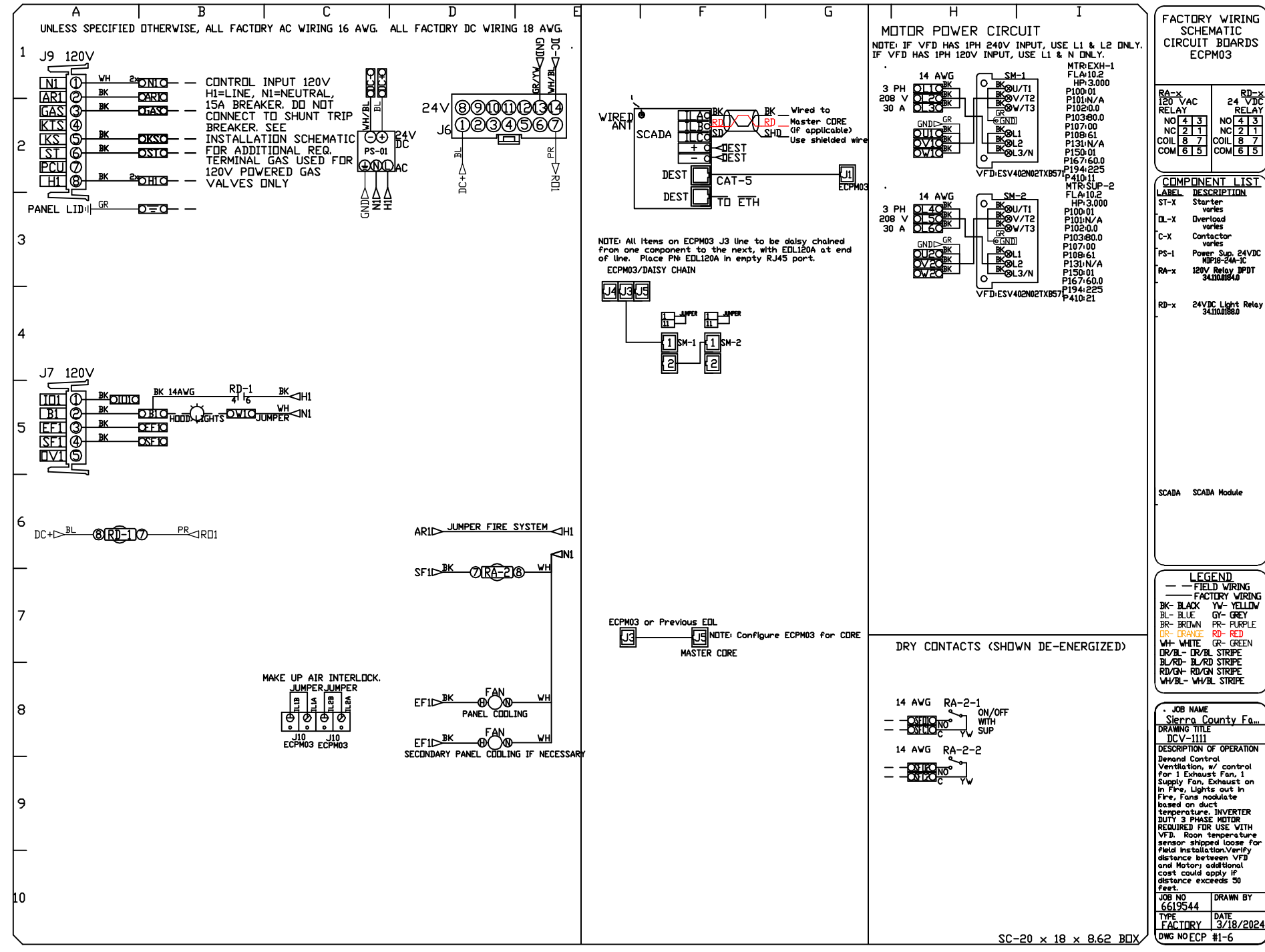
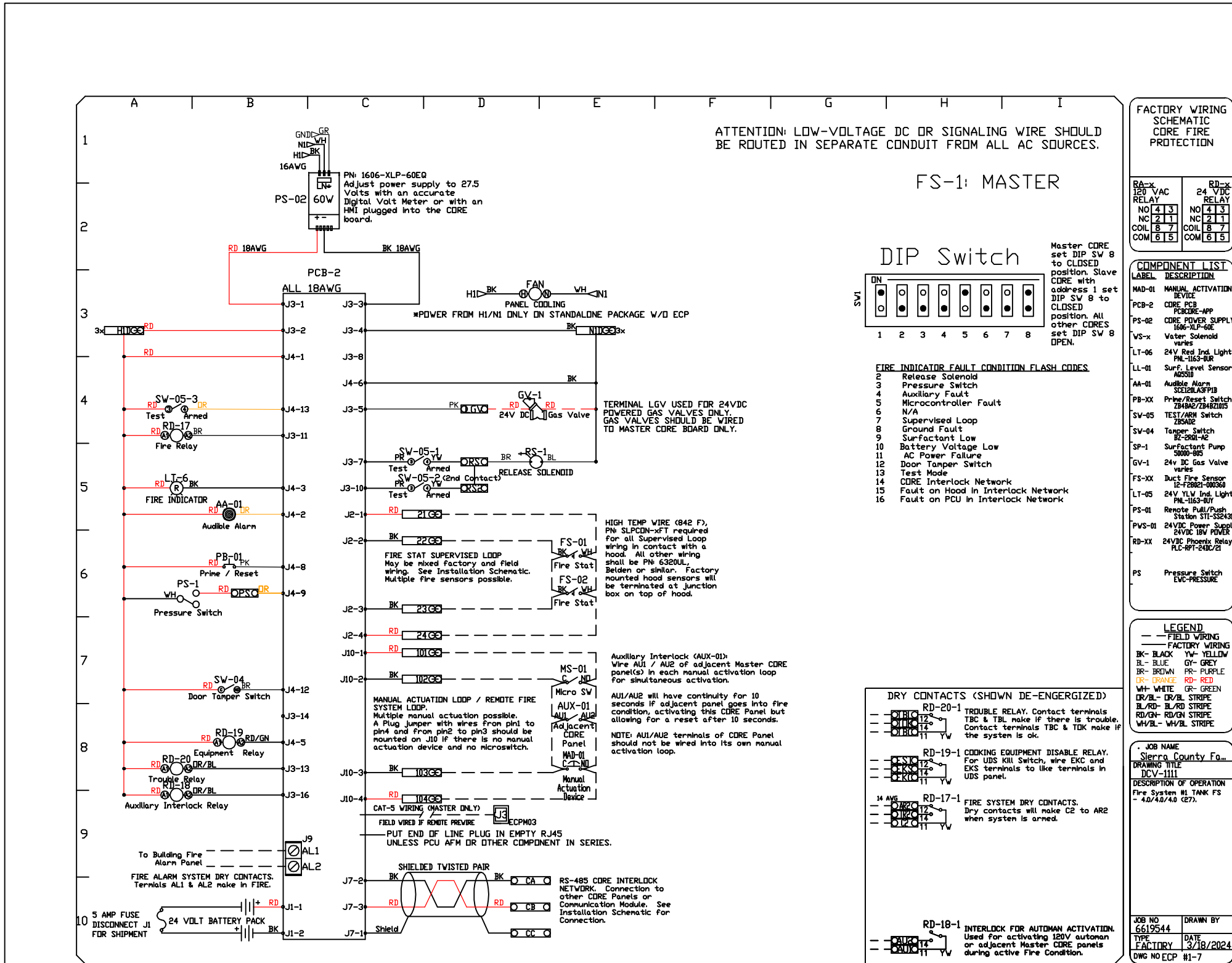
E

D

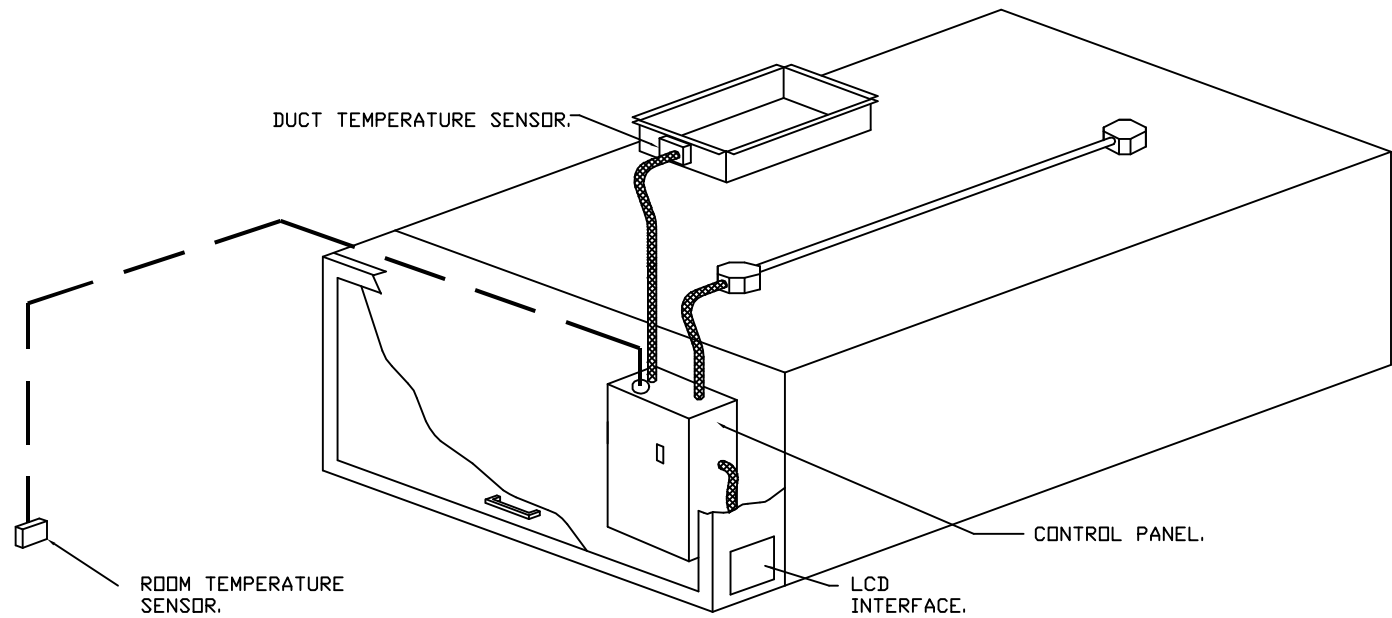
C

B

A



- DEMAND CONTROL VENTILATION HOOD CONTROL PANEL SPECIFICATIONS:**
- CONTROLS SHALL BE LISTED BY ETL (UL 508A) AND SHALL COMPLY WITH DEMAND VENTILATION SYSTEM TURNDOWN REQUIREMENTS OUTLINED IN IECC 403.7.5 (2021).
 - THE HOOD ENCLOSURE SHALL BE NEMA 1 RATED AND LISTED FOR INSTALLATION INSIDE OF THE EXHAUST HOOD UTILITY CABINET. THE CONTROL ENCLOSURE MAY BE CONSTRUCTED OF STAINLESS STEEL OR PAINTED STEEL.
 - TEMPERATURE PROBE(S) LOCATED IN THE EXHAUST DUCT RISER(S) SHALL BE CONSTRUCTED OF STAINLESS STEEL.
 - A DIGITAL CONTROLLER SHALL BE PROVIDED TO ACTIVATE THE HOOD EXHAUST FANS DYNAMICALLY BASED ON A FIXED DIFFERENTIAL BETWEEN THE AMBIENT AND DUCT TEMPERATURES SENSORS. THIS FUNCTION SHALL MEET THE REQUIREMENTS OF IMC 507.1.1.
 - A DIGITAL CONTROLLER SHALL PROVIDE ADJUSTABLE HYSTERESIS SETTINGS TO PREVENT CYCLING OF THE FANS AFTER THE COOKING APPLIANCES HAVE BEEN TURNED OFF AND/OR THE HEAT IN THE EXHAUST SYSTEM IS REDUCED.
 - A DIGITAL CONTROLLER SHALL PROVIDE AN ADJUSTABLE MINIMUM FAN RUN-TIME SETTING TO PREVENT FAN CYCLING.
 - VARIABLE FREQUENCY DRIVES (VFDs) SHALL BE PROVIDED FOR FANS AS REQUIRED. THE DIGITAL CONTROLLER SHALL MODULATE THE VFDs BETWEEN A MINIMUM SETPOINT AND A MAXIMUM SETPOINT ON DEMAND. THE DUCT TEMPERATURE SENSOR INPUT(S) TO THE DIGITAL CONTROLLER SHALL BE USED TO CALCULATE THE SPEED REFERENCE SIGNAL.
 - THE VFD SPEED RANGE OF OPERATION SHALL BE FROM 0% TO 100% FOR THE SYSTEM, WITH THE ACTUAL MINIMUM SPEED SET AS REQUIRED TO MEET MINIMUM VENTILATION REQUIREMENTS.
 - AN INTERNAL ALGORITHM TO THE DIGITAL CONTROLLER SHALL MODULATE SUPPLY FAN VFD SPEED PROPORTIONAL TO ALL EXHAUST FANS THAT ARE LOCATED IN THE SAME FAN GROUP AS THE SUPPLY FAN.
 - THE SYSTEM SHALL OPERATE IN PREP MODE DURING LIGHT COOKING LOAD OR COOL DOWN MODE WHEN SUFFICIENT HEAT REMAINS UNDERNEATH THE HOOD SYSTEM AFTER COOKING OPERATIONS HAVE COMPLETED. OPERATION DURING EITHER OF THESE PERIODS WILL DISABLE THE SUPPLY FANS AND PROVIDE AN EXHAUST FAN SPEED THAT IS EQUAL TO THE MINIMUM VENTILATION REQUIREMENT.
 - A DIGITAL CONTROLLER SHALL DISABLE THE SUPPLY FAN(S), ACTIVATE THE EXHAUST FAN(S), ACTIVATE THE APPLIANCE SHUNT TRIP, AND DISABLE AN ELECTRIC GAS VALVE AUTOMATICALLY WHEN FIRE CONDITION IS DETECTED ON A COVERED HOOD.
 - A DIGITAL CONTROLLER SHALL ALLOW FOR EXTERNAL BMS FAN CONTROL VIA DRY CONTACT (EXTERNAL CONTROL SHALL NOT OVERRIDE FAN OPERATION LOGIC AS REQUIRED BY CODE).
 - AN LCD INTERFACE SHALL BE PROVIDED WITH THE FOLLOWING FEATURES:
 - A. ON/OFF PUSH BUTTON FAN & LIGHT SWITCH ACTIVATION.
 - B. INTEGRATED GAS VALVE RESET FOR ELECTRONIC GAS VALVES (NO RESET RELAY REQUIRED).
 - C. VFD FAULT DISPLAY WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - D. DUCT TEMPERATURE SENSOR FAILURE DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - E. MIS-WIRED DUCT TEMPERATURE SENSOR DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
 - F. A SINGLE LOW VOLTAGE CAT-5 RJ45 WIRING CONNECTION.
 - G. AN ENERGY SAVINGS INDICATOR THAT UTILIZES MEASURED KWH FROM THE VFDs.



- SEQUENCE OF OPERATIONS:**
- THE HOOD CONTROL PANEL IS CAPABLE OF OPERATING IN ONE OR MORE OF THE FOLLOWING STATES AT ANY GIVEN TIME:
- **AUTOMATIC:** THE SYSTEM OPERATES BASED ON THE DIFFERENTIAL BETWEEN ROOM TEMPERATURE AND THE TEMPERATURE AT THE HOOD CAVITY OR EXHAUST DUCT COLLAR. FANS ACTIVATE AT A CONFIGURABLE TEMPERATURE DIFFERENTIAL THRESHOLD. DEPENDING ON THE JOB CONFIGURATION EACH FAN ZONE CAN BE CONFIGURED AS STATIC OR DYNAMIC. THESE TERMS REFER TO WHETHER A VARIABLE MOTOR (SUCH AS EC MOTORS OR VFD DRIVEN MOTORS) MODULATE WITH TEMPERATURE. IF THE PANEL IS EQUIPPED WITH VARIABLE SPEED FANS AND THE ZONE IS DEFINED AS "DYNAMIC", THESE WILL MODULATE WITHIN A USER-DEFINED RANGE BASED ON THE TEMPERATURE DIFFERENTIAL. PANELS EQUIPPED WITH VARIABLE SPEED FANS AND A FAN ZONE DEFINED AS "STATIC", FANS WILL RUN AT A SET SPEED CALCULATED FOR THE DRIVE. DEMAND CONTROL VENTILATION SYSTEMS ARE CAPABLE OF MODULATING EXHAUST AND MAKE UP AIR FAN SPEEDS PER THE REQUIREMENTS OUTLINED IN IECC 403.7.5 (2021).
 - **MANUAL:** THE SYSTEM OPERATES BASED ON HUMAN INPUT FROM AN HMI.
 - **SCHEDULE:** A WEEKLY SCHEDULE CAN BE SET TO RUN FANS FOR A SPECIFIED PERIOD THROUGHOUT THE DAY. THERE ARE THREE OCCUPIED TIMES PER DAY TO ALLOW FOR THE USER TO SET UP A TIME THAT IS SUITABLE TO THEIR NEEDS. ANY TIME THAT IS WITHIN THE DEFINED OCCUPIED TIME, THE SYSTEM WILL RUN AT MODULATION MODE AND FOLLOW THE FAN PROCEDURE ALGORITHM BASED ON TEMPERATURE DURING THIS TIME. DURING UNOCCUPIED TIME, THE SYSTEM WILL HAVE AN EXTRA OFFSET TO PREVENT UNINTENDED ACTIVATION OF THE SYSTEM DURING A TIME WHERE THE SYSTEM IS NOT BEING OCCUPIED.
 - **OTHER:** THE SYSTEM OPERATES BASED ON THE INPUT FROM AN EXTERNAL SOURCE (DDC, BMS OR HARD-WIRED INTERLOCK).
 - **FIRE:** UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM, THE EXHAUST FAN WILL COME ON OR CONTINUE TO TO RUN, THE HOOD MAKEUP AIR WILL SHUTDOWN, AND A SIGNAL WILL BE SENT FOR ACTIVATING THE SHUNT TRIP BREAKER PROVIDED BY THE ELECTRICIAN. FUEL GAS WILL SHUT OFF VIA A MECHANICAL/ELECTRICAL GAS VALVE ACTUATED BY THE HOOD FIRE SUPPRESSION SYSTEM.

CAPTIVE

Sierra County Fairgrounds
TRUTH OR CONSEQUENCES, NM, 87901

DATE: 3/18/2024
DWG.#: 6619544
DRAWN BY: tim.mathis
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.
4

PROJECT NAME
SIERRA COUNTY
FAIRGROUNDS
TRUTH OR CONSEQUENCES
NEW MEXICO

| | | | 100% ICF | | |
|--|--|----------|--------------------------|------|--|
| | | 09/20/24 | 90% NOT FOR CONSTRUCTION | | |
| | | 07/19/24 | NOT FOR CONSTRUCTION | | |
| | | 06/10/24 | NOT FOR CONSTRUCTION | | |
| | | 03/18/24 | NOT FOR CONSTRUCTION | | |
| | | | | DATE | |

PROJECT NO:
LKD 23-109
DRAWN BY: SK/DK
CHECKED BY: SK/SK
SHEET TITLE
FOODSERVICE
EXHAUST HOODS
DRAWINGS

Q-405

SHEET ___ **OF** ___

CONSULTANTS



SEAL

PROJECT NAME

| | | | 100% ICF | | |
|--|--|----------|--------------------------|------|--|
| | | 09/20/24 | 90% NOT FOR CONSTRUCTION | | |
| | | 07/19/24 | NOT FOR CONSTRUCTION | | |
| | | 06/10/24 | NOT FOR CONSTRUCTION | | |
| | | 03/18/24 | NOT FOR CONSTRUCTION | | |
| | | | | DATE | |

PROJECT NO:
LKD 23-109
DRAWN BY: SK/DK
CHECKED BY: SK/SK
SHEET TITLE
FOODSERVICE
EXHAUST HOODS
DRAWINGS

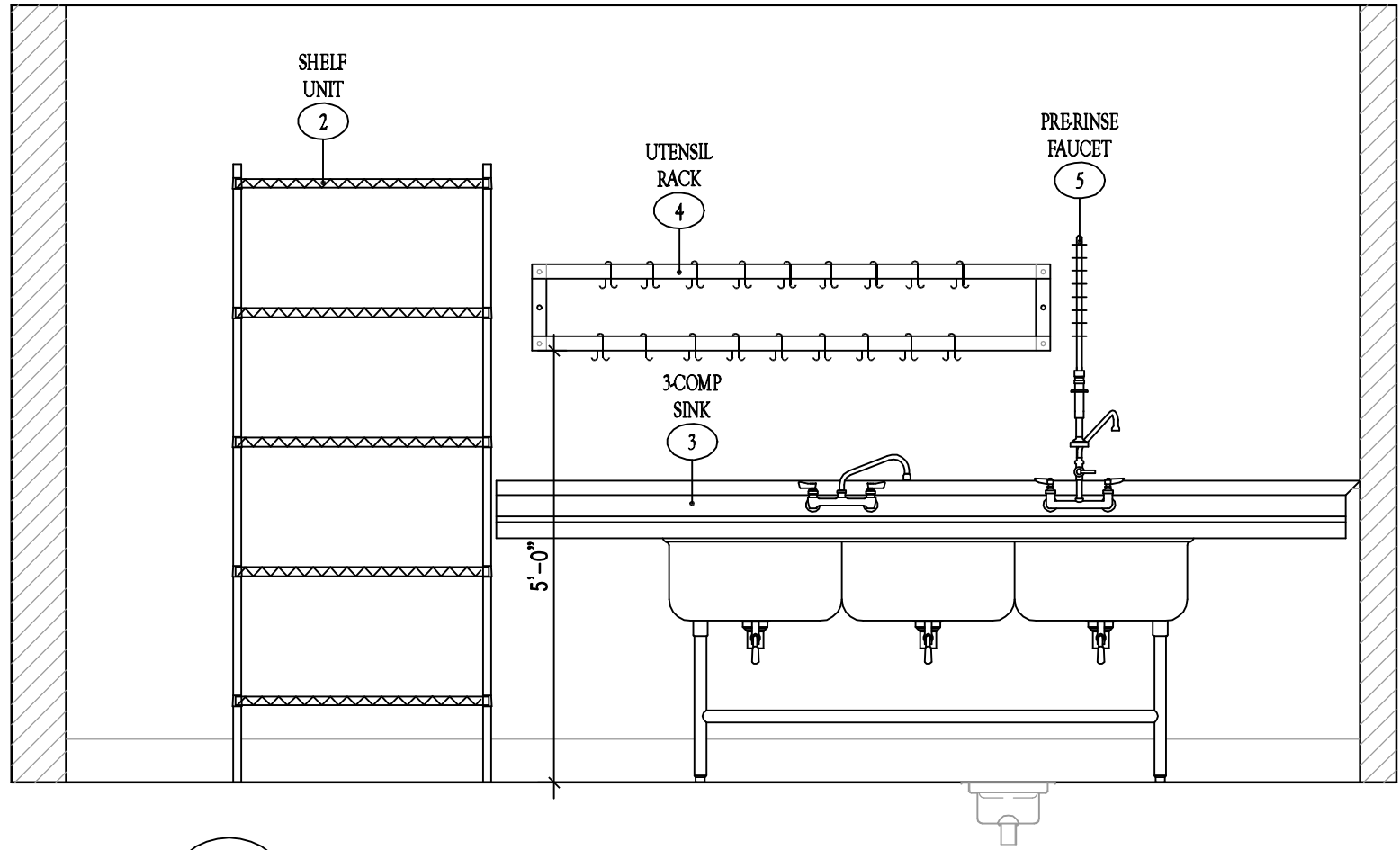
Q-405

SHEET ___ **OF** ___

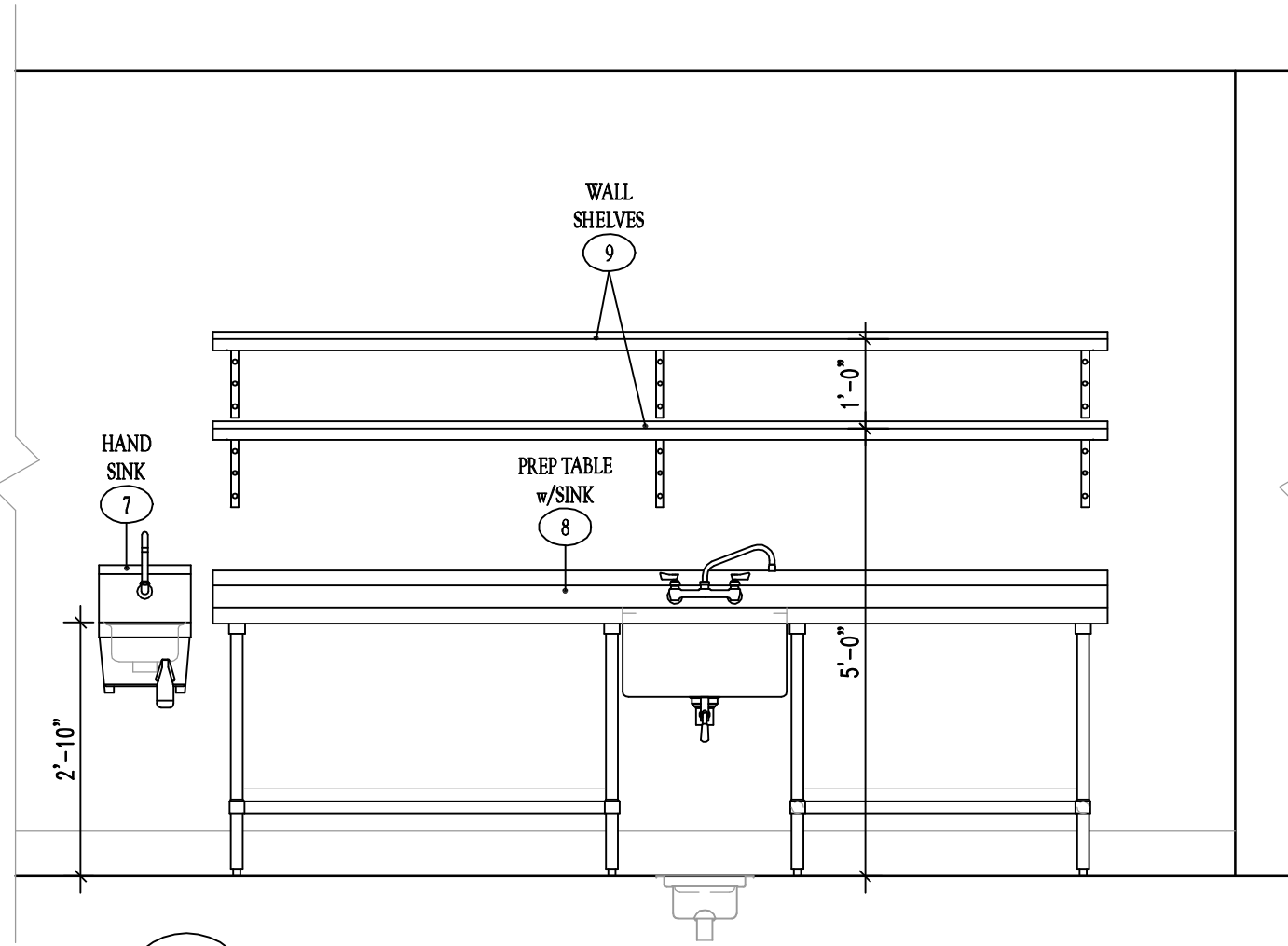
WILSON & COMPANY
4401 Mashead St. NE, Suite 150
Albuquerque, NM 87109
Phone: (505) 348-4000

H
G
F
E
D
C
B
A

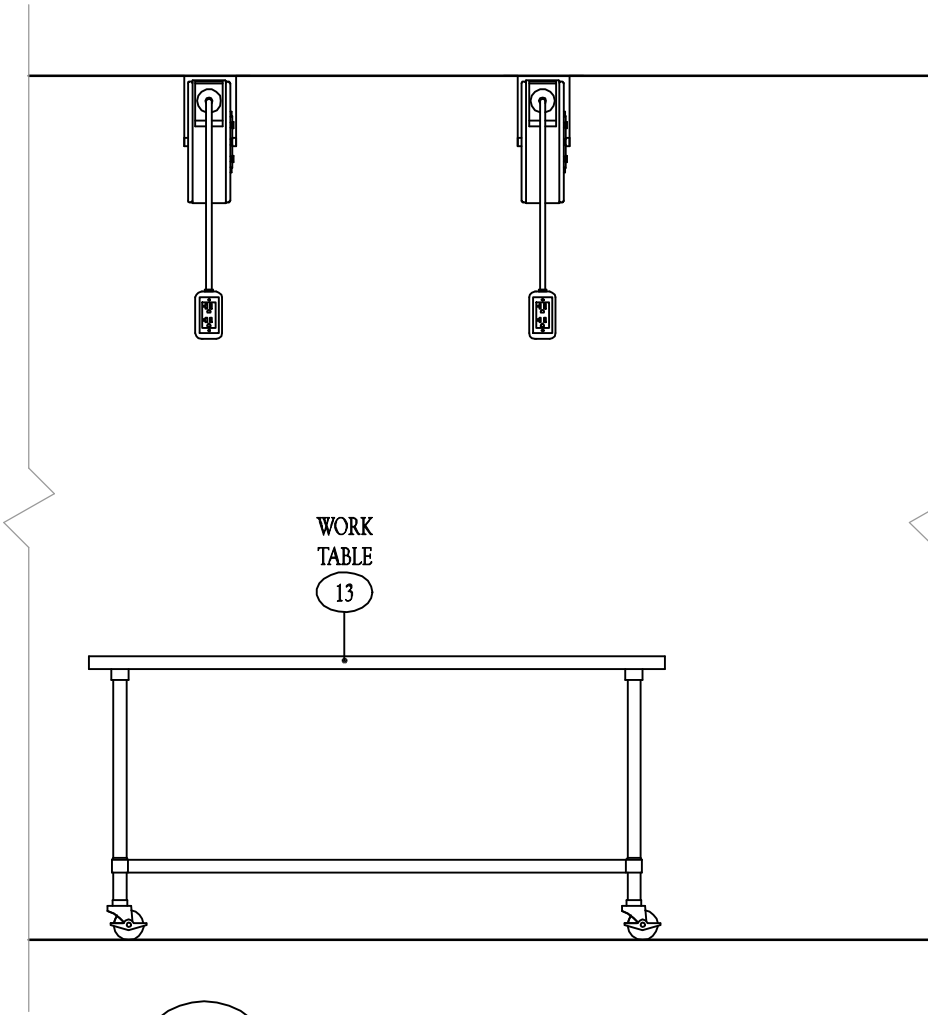
12345678910



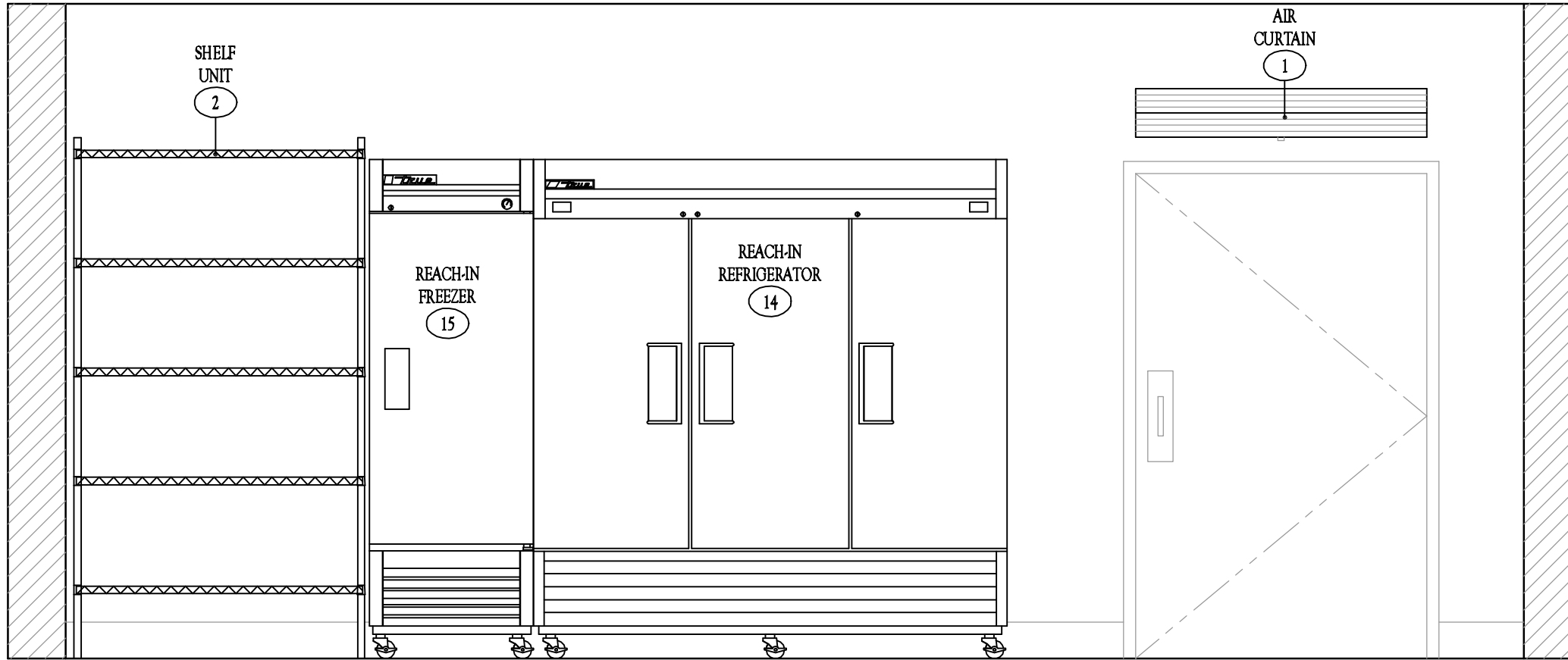
A WARE WASH
Q-101 1/2"=1'-0"



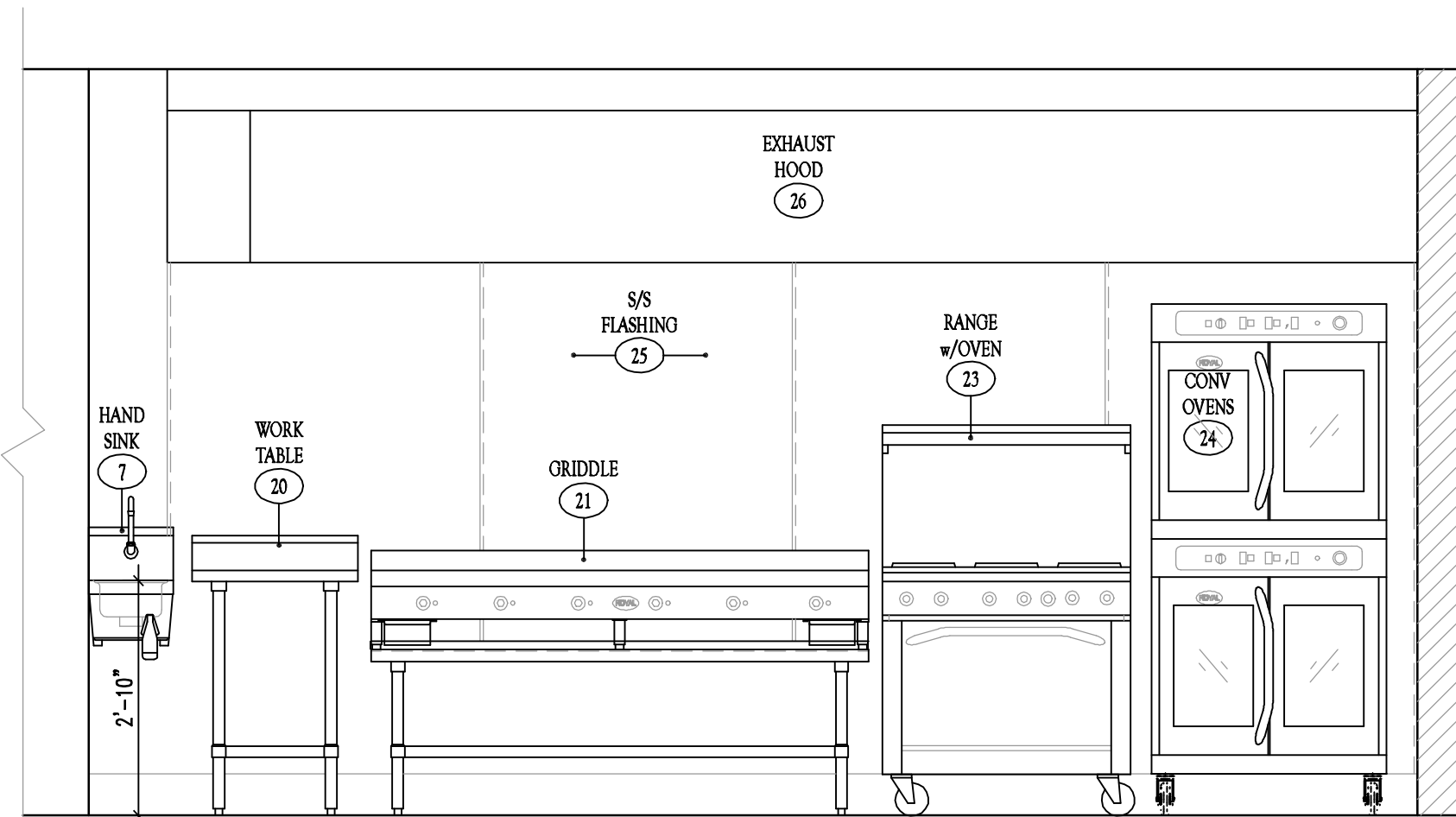
B PREP TABLE w/SINK
Q-101 1/2"=1'-0"



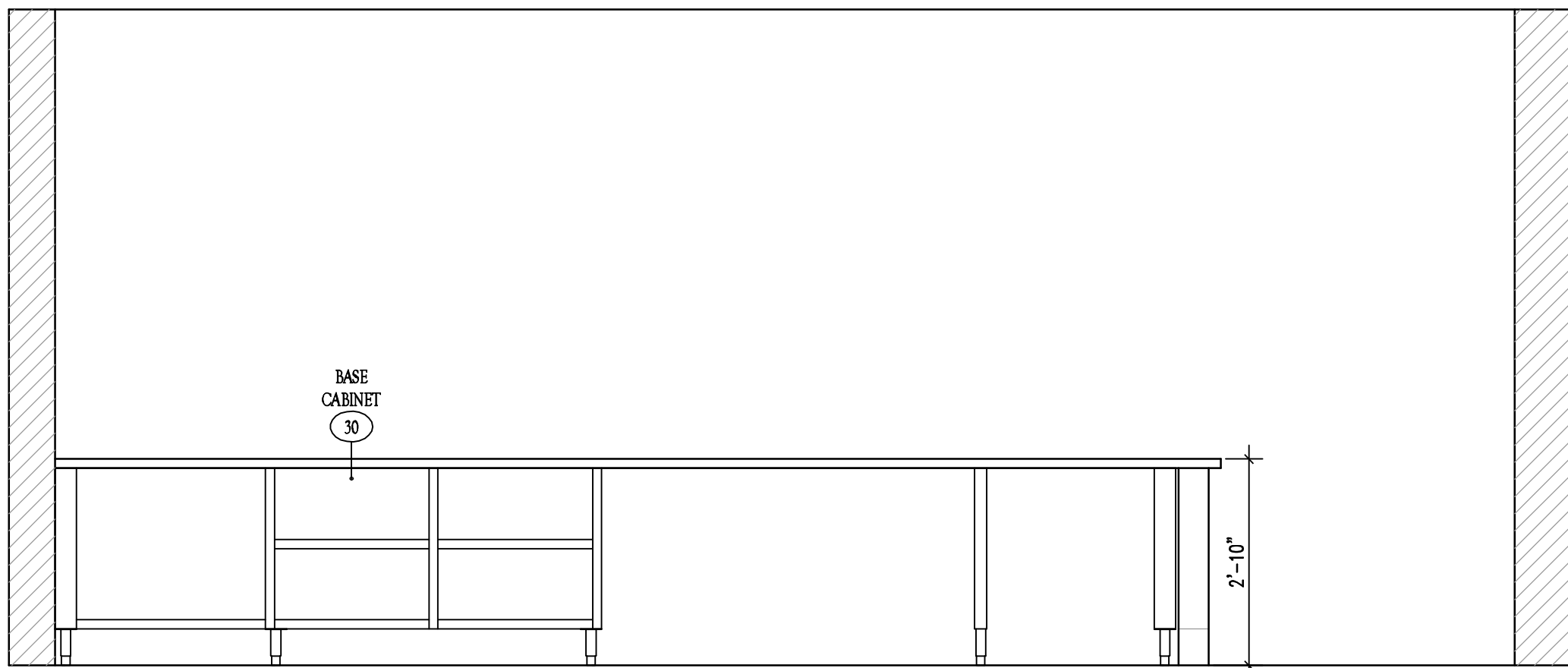
C WORK TABLE
Q-101 1/2"=1'-0"



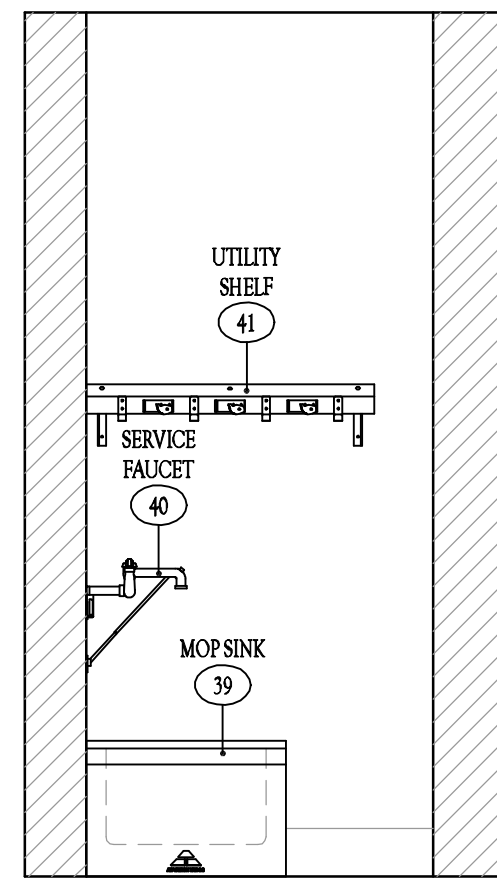
D STORAGE
Q-101 1/2"=1'-0"



E COOK LINE
Q-101 1/2"=1'-0"



F FRONT SERVICE COUNTER
Q-101 1/2"=1'-0"



G MOP SINK
Q-101 1/2"=1'-0"

12345678910

**WILSON
& COMPANY**
4401 Masthead St. NE, Suite 150
Albuquerque, NM 87109
Phone: (505) 348-4000

CONSULTANTS



PROJECT NAME
SIERRA COUNTY
FAIRGROUNDS
TRUTH OR CONSEQUENCES
NEW MEXICO

| MARK | DATE | DESCRIPTION |
|------|----------|--------------------------|
| | 09/20/24 | 100% ICF |
| | 07/19/24 | 90% NOT FOR CONSTRUCTION |
| | 06/10/24 | NOT FOR CONSTRUCTION |
| | 03/18/24 | NOT FOR CONSTRUCTION |

PROJECT NO:
LKD 23-109
DRAWN BY: SK/DK
CHECKED BY: SA/SK

SHEET TITLE
FOODSERVICE
EQUIPMENT
ELEVATIONS

Q-501
SHEET ___ OF ___

08-Oct-24 16:00:39

A
B
C
D
E
F
G
H

1

2

3

4

5

6

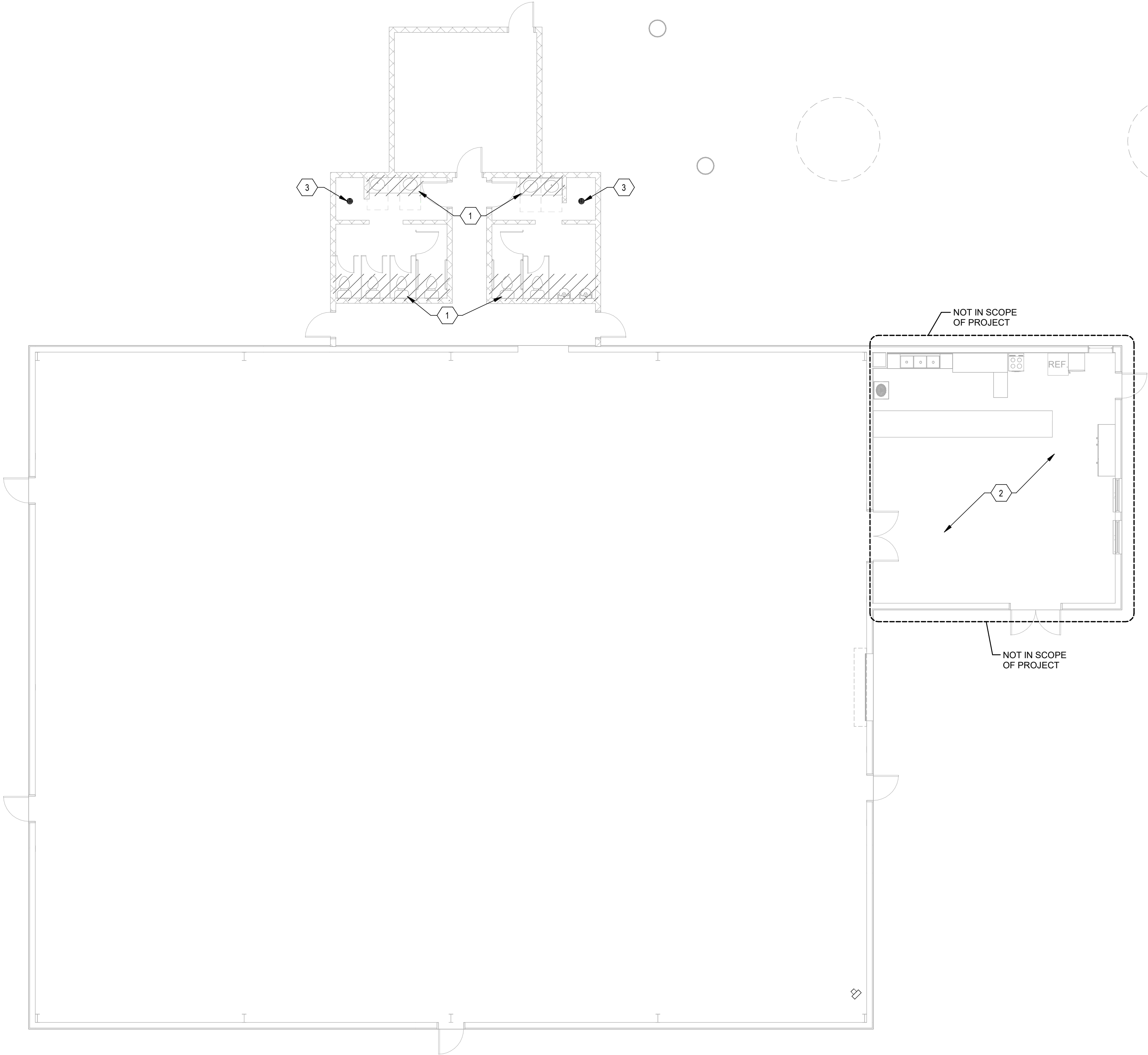
7

8

9

10

A3 PLUMBING PLUMBING PLAN - EVENT BARN DEMOLITION
1/8" = 1'-0"



GENERAL SHEET NOTES

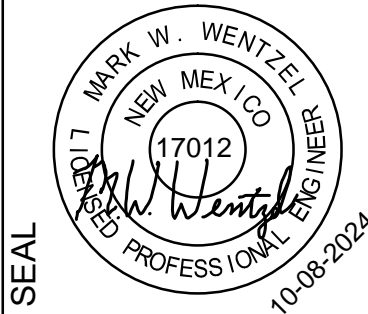
- A. A LICENSED AND BONDED CONTRACTOR SHALL BE USED FOR INSTALLATION. UPC, UMC AND LOCAL CODES SHALL BE FOLLOWED DURING INSTALLATION.
- B. CONTRACTOR TO VERIFY AND COORDINATE STRUCTURAL SUPPORT AND OPENINGS IN FLOOR, ROOF AND WALLS.
- C. CONTRACTOR TO LOCATE AND VERIFY LOCATION OF EXISTING PIPING, VALVES, EQUIPMENT, AND ALL HVAC RELATED MATERIALS WITHIN THE SCOPE OF WORK. DIMENSIONS AND LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ALL DUCT, PIPING, WIRING, EQUIPMENT TO BE DEMOLISHED MAY INCLUDE MORE THAN WHAT IS SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR DEMOLISHING ALL HVAC-RELATED MATERIAL IN THE AREAS SHOWN, DESPITE WHETHER OR NOT THESE ITEMS ARE GRAPHICALLY SHOWN.
- D. CONTRACTOR IS RESPONSIBLE FOR EFFECTIVELY REMOVING ALL EQUIPMENT AND MATERIALS WITHOUT DAMAGING EXISTING MATERIALS OR STRUCTURES THAT ARE TO REMAIN. IF SUCH DAMAGE OCCURS, CONTRACTOR SHALL REPAIR AND/OR REPLACE DAMAGED MATERIALS WITH NO COST TO THE OWNER. ANY SYSTEMS/EQUIPMENT/DUCT/ETC THAT TRAVERSE THIS DEMOLITION AREA AND SERVE ADJACENT OCCUPIED SPACES SHALL REMAIN. CONTRACTOR SHALL VERIFY ALL SUCH SCENARIOS WITH MECHANICAL ENGINEER.
- E. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL REMOVED EQUIPMENT AND MATERIAL.
- F. CONTRACTOR TO VERIFY AND COORDINATE W/ ELECTRICAL ENGINEER AND CONTRACTOR FOR WIRING AND POWER REQUIRED.
- G. CONTRACTOR TO VERIFY AND COORDINATE STRUCTURAL SUPPORT AND OPENINGS IN FLOOR, ROOF AND WALLS.
- H. ALL PIPING, EQUIPMENT AND HVAC RELATED MATERIALS SHOWN TO REMAIN WITHIN THE SCOPE OF WORK SHALL BE INSPECTED AND REPAIRED TO ENSURE DUCT WORK IS FREE OF LEAKS AND SYSTEMS ARE OPERATING AS ORIGINALLY INTENDED.
- I. SEE SHEET P-601 FOR PLUMBING SCHEDULES.

SHEET KEYNOTES

1. REMOVE EXISTING PLUMBING FIXTURE INCLUDING PIPING DISTRIBUTION TO EXTENT INDICATED. PROVIDE TEMPORARY PLUG AT SAS AND CAP DOMESTIC WATER AND VENT PIPING. PREPARE UTILITIES FOR RECONNECTION TO NEW FIXTURES. SEE SHEETS P-101V AND P-102V FOR NEW WORK.
2. DEMOLITION OF PLUMBING AND MECHANICAL SYSTEMS IN THIS AREA COMPLETED BY THE OWNER AND NOT IN THE CURRENT SCOPE OF WORK.
3. REMOVE EXISTING FLOOR DRAIN COMPLETE. CAP WASTE AND VENT BELOW SLAB WATERTIGHT.

**WILSON
& COMPANY**
410 N 44TH STREET, SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| - | 10/08/2024 | 100% IFC |

PROJECT NO:
22-600-157-02

DRAWN BY CDC

CHECKED BY MWW

SHEET TITLE
PLUMBING
DEMOLITION
PLAN

PD-101
SHEET ___ OF ___

08-Oct-24 16:00:40

A
B
C
D
E
F
G
H

1

2

3

4

5

6

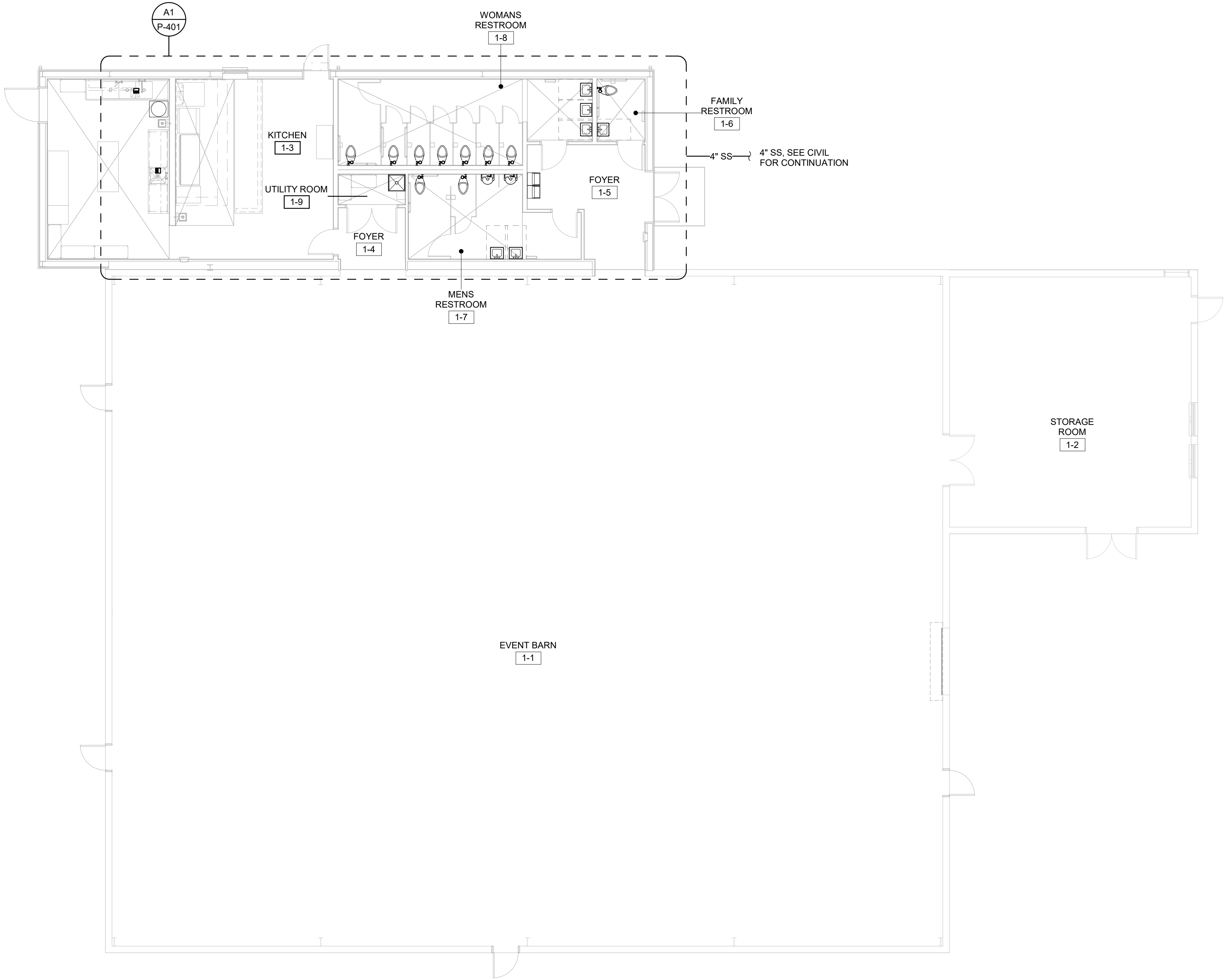
7

8

9

10

A3 PLUMBING WASTE & VENT PLAN - EVENT BARN
1/8" = 1'-0"



GENERAL SHEET NOTES

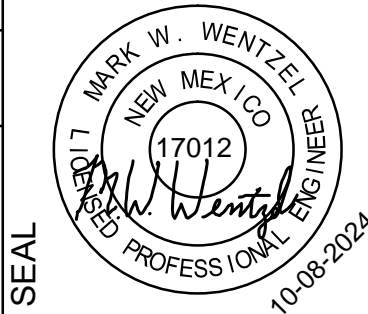
- A. COORDINATE EXACT LOCATION OF ROOF PENETRATIONS WITH ROOF STRUCTURE LOCATIONS. ALL PENETRATIONS TO BE A MIN. OF 18" FROM WALLS, CURBS, PIPES, VENT STACKS, AND OTHER ROOF PENETRATIONS.
- B. COORDINATE ALL PLUMBING AND PIPING WITH OTHER EQUIPMENT.
- C. INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- D. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND INSTALLATION HEIGHT OF ALL PLUMBING FIXTURES & EXACT BUILDING DIMENSIONS.
- E. INSULATE ALL HOT WATER, COLD WATER AND P-TRAPS WITH TRAP WRAP TO ADA REQUIREMENTS.
- F. SEE SHEET P-601 FOR PLUMBING FIXTURE SCHEDULE. ALL PLUMBING FIXTURE SUBSTITUTION SHALL BE BY ENGINEER APPROVAL.
- G. MANIFOLD ALL PLUMBING VENTS ABOVE FLOOD LEVEL OF PLUMBING FIXTURES.
- H. PROVIDE CHROME-PLATE STEEL ESCUTCHEONS FOR PIPES AT WALL PENETRATIONS.
- I. HOT AND COLD WATER RUNS ARE 1/2" UNLESS OTHERWISE SPECIFIED.
- J. ALL WATER RUNS ARE OVERHEAD AND SHALL BE CONCEALED WHEREVER POSSIBLE. ANY EXPOSED PIPING SHALL BE COORDINATED WITH A ARCHITECT PRIOR TO INSTALLATION. SLOPE TO DRAIN.
- K. HOT AND COLD WATER PIPING IS TO BE INSTALLED ACCORDING TO UP6C. INSULATE HOT WATER AND COLD WATER SUPPLY PIPING WITH 1-1/2" FIBERGLASS INSULATION.
- L. PIPE MATERIAL: TYPE L COPPER PIPE FOR DOMESTIC WATER.
- M. PROVIDE MECHANICAL WATER HAMMER ARRESTORS AT ALL WATER CLOSETS.
- N. CONTRACTOR RESPONSIBLE FOR LOCATING ALL UTILITY LINES.
- O. ALL AIR VENTS, GAUGES, THERMOMETERS, AND TRAP PRIMERS SHALL BE MOUNTED IN AN ACCESSIBLE LOCATION, OR BEHIND AN ACCESS PANEL, PROVIDED BY PLUMBING CONTRACTOR.
- P. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER BEFORE PROCEEDING WITH WORK AFFECTED BY SUCH INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE INTENT OF THE DESIGN AS SHOWN ON THE PLANS. ACTUAL CONDITIONS SHALL GOVERN OVER WRITTEN DIMENSIONS. WRITTEN DIMENSIONS SHALL GOVERN OVER ACTUAL DRAWING REPRESENTATION. ATTEMPTS TO UTILIZE SCALING OR ELECTRONIC MEANS TO DETERMINE QUANTITY TAKE-OFF MAY BE AFFECTED BY NOT-TO-SCALE ITEMS. THE ENGINEER IS NOT RESPONSIBLE FOR, AND SHALL NOT BE HELD LIABLE FOR THE ACCURACY OF RESULTS OF SUCH TAKE OFFS.



SHEET KEYNOTES

**WILSON
& COMPANY**
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| - | 10/08/2024 | 100% IFC |

PROJECT NO:
22-600-157-02

DRAWN BY CDC

CHECKED BY MWW

SHEET TITLE
PLUMBING
WASTE &
VENT PLAN -
EVENT BARN

P-101V

SHEET ___ OF ___



- A. COORDINATE EXACT LOCATION OF ROOF PENETRATIONS WITH ROOF STRUCTURE LOCATIONS. ALL PENETRATIONS TO BE A MIN. OF 18" FROM WALLS, CURBS, PIPES, VENT STACKS, AND OTHER ROOF PENETRATIONS.
- B. COORDINATE ALL PLUMBING AND PIPING WITH OTHER EQUIPMENT.
- C. INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- D. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND INSTALLATION HEIGHT OF ALL PLUMBING FIXTURES & EXACT BUILDING DIMENSIONS.
- E. INSULATE ALL HOT WATER, COLD WATER AND P-TRAPS WITH TRAP WRAP TO ADA REQUIREMENTS.
- F. SEE SHEET P-601 FOR PLUMBING FIXTURE SCHEDULE. ALL PLUMBING FIXTURE SUBSTITUTION SHALL BE BY ENGINEER APPROVAL.
- G. MANIFOLD ALL PLUMBING VENTS ABOVE FLOOD LEVEL OF PLUMBING FIXTURES.
- H. PROVIDE CHROME-PLATE STEEL ESCUTCHEONS FOR PIPES AT WALL PENETRATIONS.
- I. HOT AND COLD WATER RUNS ARE 1/2" UNLESS OTHERWISE SPECIFIED.
- J. ALL WATER RUNS ARE OVERHEAD AND SHALL BE CONCEALED WHEREVER POSSIBLE. ANY EXPOSED PIPING SHALL BE COORDINATED WITH A ARCHITECT PRIOR TO INSTALLATION. SLOPE TO DRAIN.
- K. HOT AND COLD WATER PIPING IS TO BE INSTALLED ACCORDING TO UPCC. INSULATE HOT WATER AND COLD WATER SUPPLY PIPING WITH 1-1/2" FIBERGLASS INSULATION.
- L. PIPE MATERIAL: TYPE L COPPER PIPE FOR DOMESTIC WATER.
- M. PROVIDE MECHANICAL WATER HAMMER ARRESTORS AT ALL WATER CLOSETS.
- N. CONTRACTOR RESPONSIBLE FOR LOCATING ALL UTILITY LINES.
- O. ALL AIR VENTS, GAUGES, THERMOMETERS, AND TRAP PRIMERS SHALL BE MOUNTED IN AN ACCESSIBLE LOCATION, OR BEHIND AN ACCESS PANEL, PROVIDED BY PLUMBING CONTRACTOR.
- P. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER BEFORE PROCEEDING WITH WORK AFFECTED BY SUCH INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE INTENT OF THE DESIGN AS SHOWN ON THE PLANS. ACTUAL CONDITIONS SHALL GOVERN OVER WRITTEN DIMENSIONS, WRITTEN DIMENSIONS SHALL GOVERN OVER ACTUAL DRAWING REPRESENTATION. ATTEMPTS TO UTILIZE SCALING OR ELECTRONIC MEANS TO DETERMINE QUANTITY TAKE OFF MAY BE AFFECTED BY NOT-TO-SCALE ITEMS. THE ENGINEER IS NOT RESPONSIBLE FOR, AND SHALL NOT BE HELD LIABLE FOR THE ACCURACY OF RESULTS OF SUCH TAKE OFF'S.

1. CONCRETE TANK WITH 24" TRAFFIC RATED STEEL LID.
2. 4" OUTLET, HEAVY DUTY AREA DRAIN.
3. SEE SITE PLAN FOR CONTINUATION.

SEAL



COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

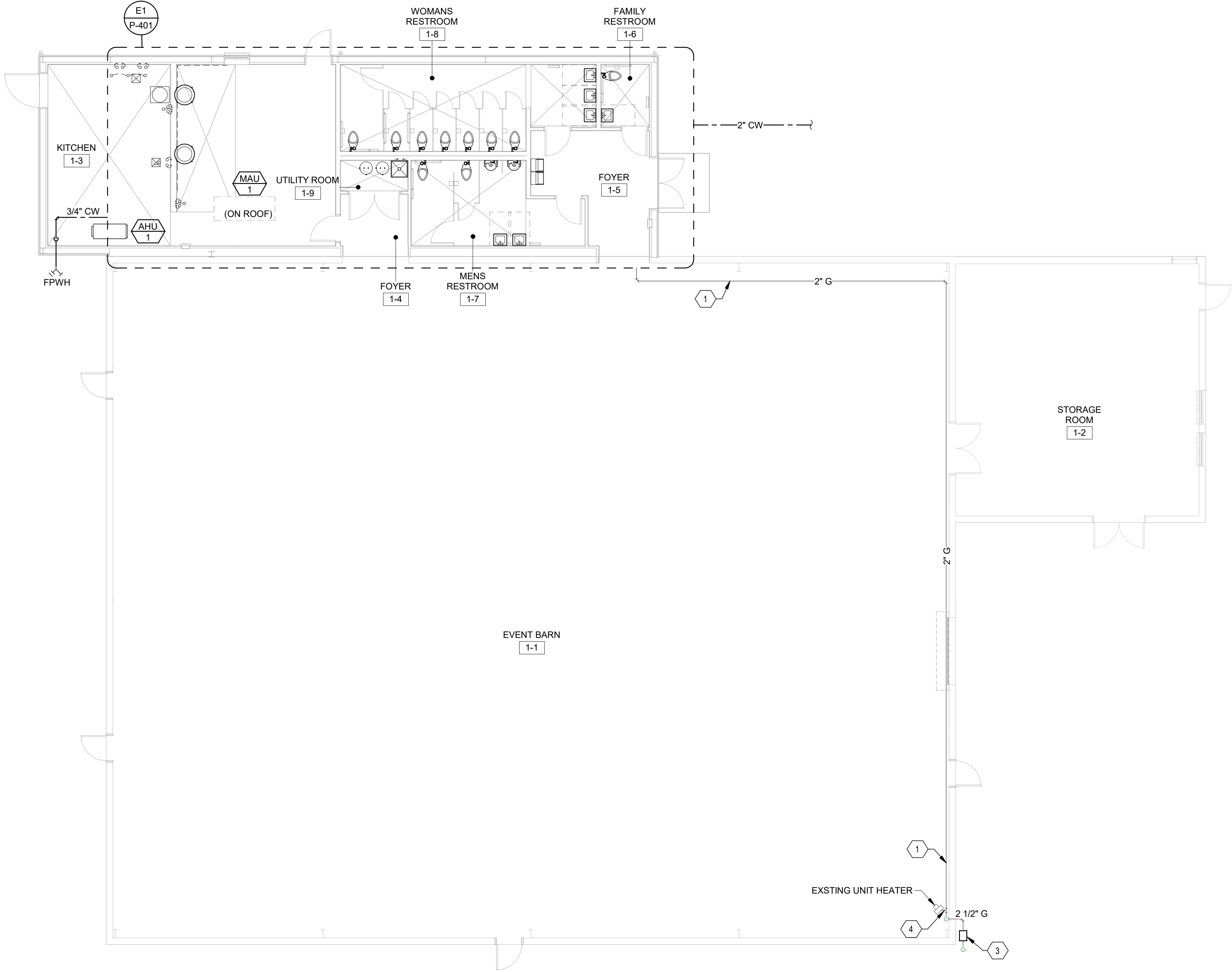
| | |
|--|-----|
| PROJECT NO: 22-600-157-02 | |
| DRAWN BY | CDO |
| CHECKED BY | MWW |
| SHEET TITLE PLUMBING WASTE & VENT PLAN - MULTI-PURP. CENTER | |

SHEET OF

08-Oct-24 16:00:42

A
B
C
D
E
F
G
H

12345678910



A3 PLUMBING DOMESTIC WATER PLAN - EVENT BARN
1/8" = 1'-0"



GENERAL SHEET NOTES

- A. COORDINATE EXACT LOCATION OF ROOF PENETRATIONS WITH ROOF STRUCTURE LOCATIONS. ALL PENETRATIONS TO BE A MIN. OF 18" FROM WALLS, CURBS, PIPES, VENT STACKS, AND OTHER ROOF PENETRATIONS.
- B. COORDINATE ALL PLUMBING AND PIPING WITH OTHER EQUIPMENT.
- C. INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- D. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND INSTALLATION HEIGHT OF ALL PLUMBING FIXTURES & EXACT BUILDING DIMENSIONS.
- E. INSULATE ALL HOT WATER, COLD WATER AND P-TRAPS WITH TRAP WRAP TO ADA REQUIREMENTS.
- F. SEE SHEET P-601 FOR PLUMBING FIXTURE SCHEDULE. ALL PLUMBING FIXTURE SUBSTITUTION SHALL BE BY ENGINEER APPROVAL.
- G. MANIFOLD ALL PLUMBING VENTS ABOVE FLOOD LEVEL OF PLUMBING FIXTURES.
- H. PROVIDE CHROME-PLATE STEEL ESCUTCHEONS FOR PIPES AT WALL PENETRATIONS.
- I. HOT AND COLD WATER RUNS ARE 1/2" UNLESS OTHERWISE SPECIFIED.
- J. ALL WATER RUNS ARE OVERHEAD AND SHALL BE CONCEALED WHEREVER POSSIBLE. ANY EXPOSED PIPING SHALL BE COORDINATED WITH A ARCHITECT PRIOR TO INSTALLATION. SLOPE TO DRAIN.
- K. HOT AND COLD WATER PIPING IS TO BE INSTALLED ACCORDING TO UP0C. INSULATE HOT WATER AND COLD WATER SUPPLY PIPING WITH 1-1/2" FIBERGLASS INSULATION.
- L. PIPE MATERIAL: TYPE L COPPER PIPE FOR DOMESTIC WATER.
- M. PROVIDE MECHANICAL WATER HAMMER ARRESTORS AT ALL WATER CLOSETS.
- N. CONTRACTOR RESPONSIBLE FOR LOCATING ALL UTILITY LINES.
- O. ALL AIR VENTS, GAUGES, THERMOMETERS, AND TRAP PRIMERS SHALL BE MOUNTED IN AN ACCESSIBLE LOCATION, OR BEHIND AN ACCESS PANEL, PROVIDED BY PLUMBING CONTRACTOR.
- P. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER BEFORE PROCEEDING WITH WORK AFFECTED BY SUCH INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE INTENT OF THE DESIGN AS SHOWN ON THE PLANS. ACTUAL CONDITIONS SHALL GOVERN OVER WRITTEN DIMENSIONS. WRITTEN DIMENSIONS SHALL GOVERN OVER ACTUAL DRAWING REPRESENTATION. ATTEMPTS TO UTILIZE SCALING OR ELECTRONIC MEANS TO DETERMINE QUANTITY TAKE-OFF MAY BE AFFECTED BY NOT-TO-SCALE ITEMS. THE ENGINEER IS NOT RESPONSIBLE FOR, AND SHALL NOT BE HELD LIABLE FOR THE ACCURACY OF RESULTS OF SUCH TAKE OFFS.

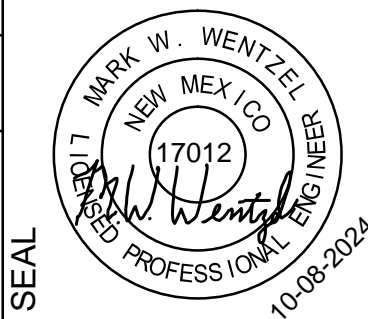


SHEET KEYNOTES

- HOLD TIGHT TO WALL.
- 1" GAS UP THRU ROOF TO AHU. PROVIDE SHUTOFF VALVE AND DIRT LEG.
- REVISE/ UPGRADE EXISTING GAS SERVICE COORDINATE. WITH LOCAL UTILITY. 600 MBH.
- RECONNECT GAS TO EXISTING UNIT HEATER.

**WILSON
& COMPANY**
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| - | 10/08/2024 | 100% IFC |

PROJECT NO:
22-600-157-02

DRAWN BY CDC

CHECKED BY MWW

SHEET TITLE
PLUMBING
DOMESTIC
WATER PLAN -
EVENT BARN

P-102V
SHEET ___ OF ___



WILSON
& COMPANY

410 N 44TH STREET, SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 283-2701

SEAL



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

[illegible]

PROJECT NO:
22-600-157-02

DRAWN BY CDC

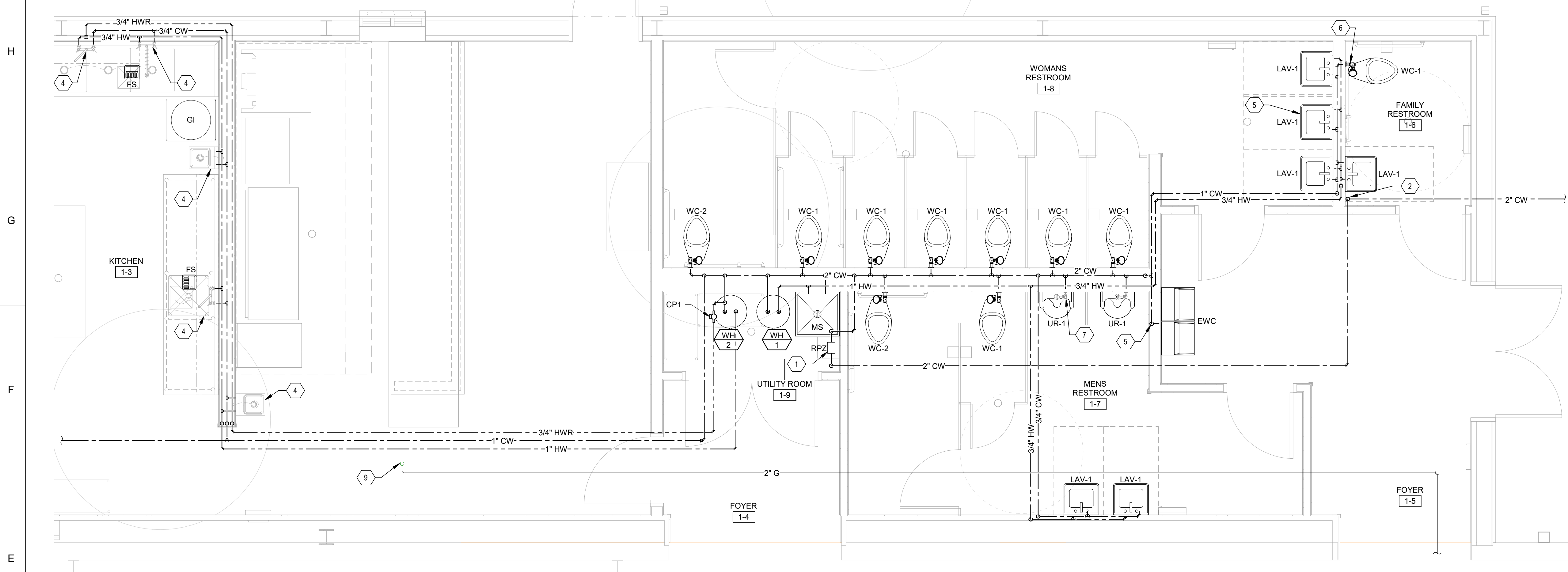
CHECKED BY MWW

SHEET TITLE
PLUMBING
DOMESTIC
WATER PLAN -
MULTI-PURP.
CENTER

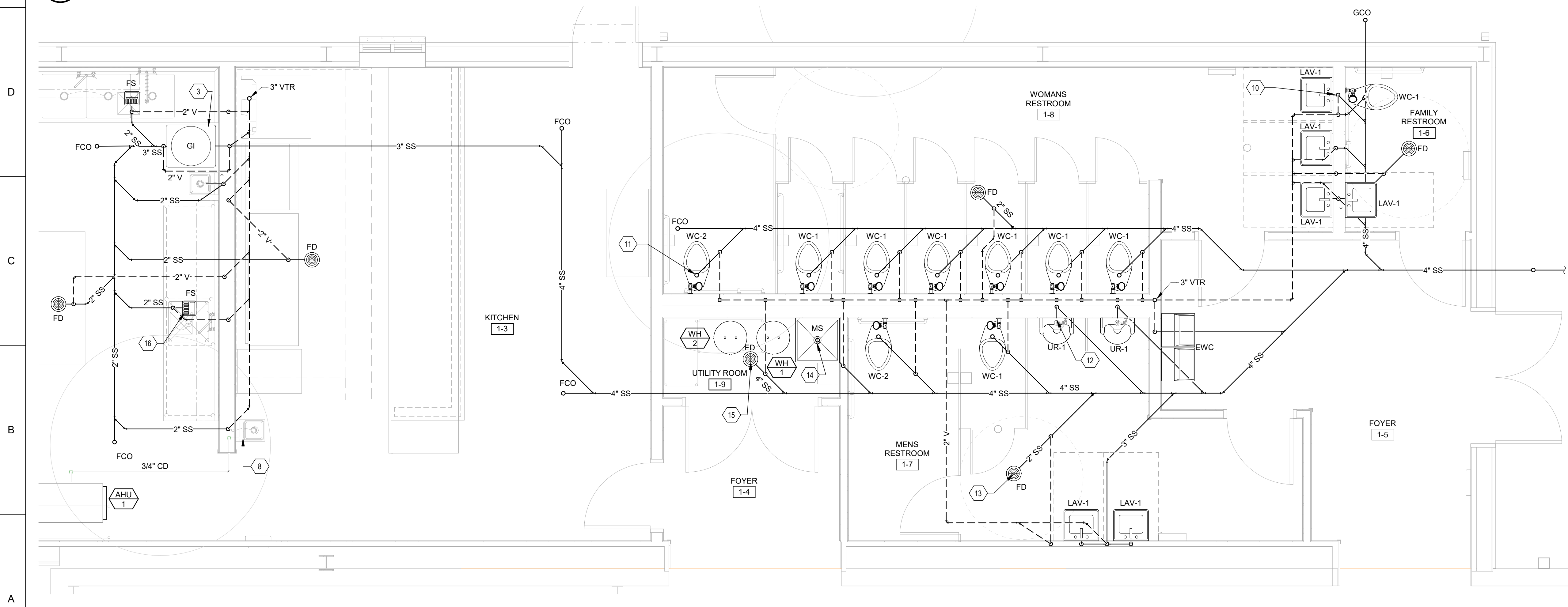
P-102W

SHEET OF

08-Oct-24 16:00:46



E1 PLUMBING DOMESTIC WATER PLAN - EVENT BARN - ENLARGED PLAN
3/8" = 1'-0"



A1 PLUMBING WASTE & VENT PLAN - EVENT BARN - ENLARGED PLAN
3/8" = 1'-0"

GENERAL SHEET NOTES

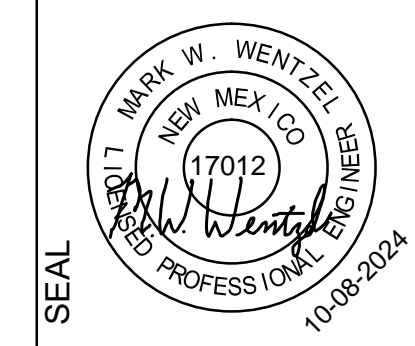
- COORDINATE EXACT LOCATION OF ROOF PENETRATIONS WITH ROOF STRUCTURE LOCATIONS. ALL PENETRATIONS TO BE A MIN. OF 18" FROM WALLS, CURBS, PIPES, VENT STACKS, AND OTHER ROOF PENETRATIONS.
- COORDINATE ALL PLUMBING AND PIPING WITH OTHER EQUIPMENT.
- INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND INSTALLATION HEIGHT OF ALL PLUMBING FIXTURES & EXACT BUILDING DIMENSIONS.
- INSULATE ALL HOT WATER, COLD WATER AND P-TRAPS WITH TRAP WRAP TO ADA REQUIREMENTS.
- SEE SHEET P-601 FOR PLUMBING FIXTURE SCHEDULE. ALL PLUMBING FIXTURE SUBSTITUTION SHALL BE BY ENGINEER APPROVAL.
- MANIFOLD ALL PLUMBING VENTS ABOVE FLOOD LEVEL OF PLUMBING FIXTURES.
- PROVIDE CHROME-PLATE STEEL ESCUTCHEONS FOR PIPES AT WALL PENETRATIONS.
- HOT AND COLD WATER RUNS ARE 1/2" UNLESS OTHERWISE SPECIFIED.
- ALL WATER RUNS ARE OVERHEAD AND SHALL BE CONCEALED WHEREVER POSSIBLE. ANY EXPOSED PIPING SHALL BE COORDINATED WITH AN ARCHITECT PRIOR TO INSTALLATION. SLOPE TO DRAIN.
- HOT AND COLD WATER PIPING IS TO BE INSTALLED ACCORDING TO UPCC. INSULATE HOT WATER AND COLD WATER SUPPLY PIPING WITH 1-1/2" FIBERGLASS INSULATION.
- PIPE MATERIAL: TYPE L COPPER PIPE FOR DOMESTIC WATER.
- PROVIDE MECHANICAL WATER HAMMER ARRESTORS AT ALL WATER CLOSETS.
- CONTRACTOR RESPONSIBLE FOR LOCATING ALL UTILITY LINES.
- ALL AIR VENTS, GAUGES, THERMOMETERS, AND TRAP PRIMERS SHALL BE MOUNTED IN AN ACCESSIBLE LOCATION, OR BEHIND AN ACCESS PANEL, PROVIDED BY PLUMBING CONTRACTOR.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER BEFORE PROCEEDING WITH WORK AFFECTED BY SUCH INCONSISTENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE INTENT OF THE DESIGN AS SHOWN ON THE PLANS. ACTUAL CONDITIONS SHALL GOVERN OVER WRITTEN DIMENSIONS. WRITTEN DIMENSIONS SHALL GOVERN OVER ACTUAL DRAWING REPRESENTATION. ATTEMPTS TO UTILIZE SCALING OR ELECTRONIC MEANS TO DETERMINE QUANTITY TAKE-OFF MAY BE AFFECTED BY NOT-TO-SCALE ITEMS. THE ENGINEER IS NOT RESPONSIBLE FOR, AND SHALL NOT BE HELD LIABLE FOR THE ACCURACY OF RESULTS OF SUCH TAKE OFFS.

SHEET KEYNOTES

- 2" RPZ BACKFLOW PREVENTER.
- 2" WATER SERVICE WITH SHUTOFF VALVE.
- RECESSED GREASE INTERCEPTOR. MOUNT IN 36" X 36" X 24" DEEP PIT WITH STEEL LID.
- REFER TO FOOD SERVICE DRAWINGS FOR PIPE SIZE CONNECTIONS TO FIXTURES.
- 1/2" CW AND HW TO LAV (TYP.)
- 1" CW TO WC (TYP.)
- 3/4" CW TO UR (TYP.)
- CONNECT CD TO DRAIN TAIL PIPE UNDER HAND SINK.
- 2" NG UP TO MAU ON ROOF.
- 2" SS UP TO, 1-1/2" VENT DOWN TO LAV (TYP.)
- 4" SS UP TO, 2" VENT DOWN TO WC (TYP.)
- 2" SS UP TO, 2" VENT DOWN TO UR (TYP.)
- 2" SS UP TO, 2" VENT DOWN TO FD (TYP.)
- 3" SS UP TO, 2" VENT DOWN TO MS.
- 4" SS UP TO, 2" VENT DOWN TO FD
- 2" SS UP TO, 2" VENT DOWN TO FS (TYP.)

WILSON & COMPANY
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



PROJECT NAME:
COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| - | 10/08/2024 | 100% IFC |

PROJECT NO:
22-600-157-02
DRAWN BY CDC
CHECKED BY MWW
SHEET TITLE
ENLARGED
PLUMBING
PLAN

P-401
SHEET ___ OF ___

A. CONTRACTOR TO VERIFY AND COORDINATE W/ ELECTRICAL ENGINEER AND CONTRACTOR FOR WIRING AND POWER REQUIRED.

- A. CONTRACTOR TO VERIFY AND COORDINATE W/ ELECTRICAL ENGINEER AND CONTRACTOR FOR WIRING AND POWER REQUIRED.



- A. LICENSED AND BONDED CONTRACTOR SHALL BE USED FOR INSTALLATION. UPC, UMC AND LOCAL CODES SHALL BE FOLLOWED DURING INSTALLATION.
- B. CONTRACTOR TO VERIFY AND COORDINATE STRUCTURAL SUPPORT AND OPENINGS IN FLOOR, ROOF AND WALLS.
- C. CONTRACTOR TO LOCATE AND VERIFY LOCATION OF EXISTING PIPING, VALVES, EQUIPMENT, AND ALL HVAC RELATED MATERIALS WITHIN THE SCOPE OF WORK. DIMENSIONS AND LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. ALL DUCT, PIPING, WIRING, EQUIPMENT TO BE DEMOLISHED MAY INCLUDE MORE THAN WHAT IS SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR DEMOLISHING ALL HVAC-RELATED MATERIAL IN THE AREAS SHOWN, DESPITE WHETHER OR NOT THESE ITEMS ARE GRAPHICALLY SHOWN.
- D. CONTRACTOR IS RESPONSIBLE FOR EFFECTIVELY REMOVING ALL EQUIPMENT AND MATERIALS WITHOUT DAMAGING EXISTING MATERIALS OR STRUCTURES THAT ARE TO REMAIN. IF SUCH DAMAGE OCCURS, CONTRACTOR SHALL REPAIR AND/OR REPLACE DAMAGED MATERIALS WITH NO COST TO THE OWNER. ANY SYSTEMS/EQUIPMENT/DUCT/ETC THAT TRAVERSE THIS DEMOLITION AREA AND SERVE ADJACENT OCCUPIED SPACES SHALL REMAIN. CONTRACTOR SHALL VERIFY ALL SUCH SCENARIOS WITH MECHANICAL ENGINEER.
- E. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL REMOVED EQUIPMENT AND MATERIAL.
- F. CONTRACTOR TO VERIFY AND COORDINATE W/ ELECTRICAL ENGINEER AND CONTRACTOR FOR WIRING AND POWER REQUIRED.
- G. CONTRACTOR TO VERIFY AND COORDINATE STRUCTURAL SUPPORT AND OPENINGS IN FLOOR, ROOF AND WALLS.
- H. ALL PIPING, EQUIPMENT AND HVAC RELATED MATERIALS SHOWN TO REMAIN WITHIN THE SCOPE OF WORK SHALL BE INSPECTED AND REPAIRED TO ENSURE DUCT WORK IS FREE OF LEAKS AND SYSTEMS ARE OPERATING AS ORIGINALLY INTENDED.
- I. SEE SHEET P-601 FOR PLUMBING DIAGRAMS AND SCHEDULES.

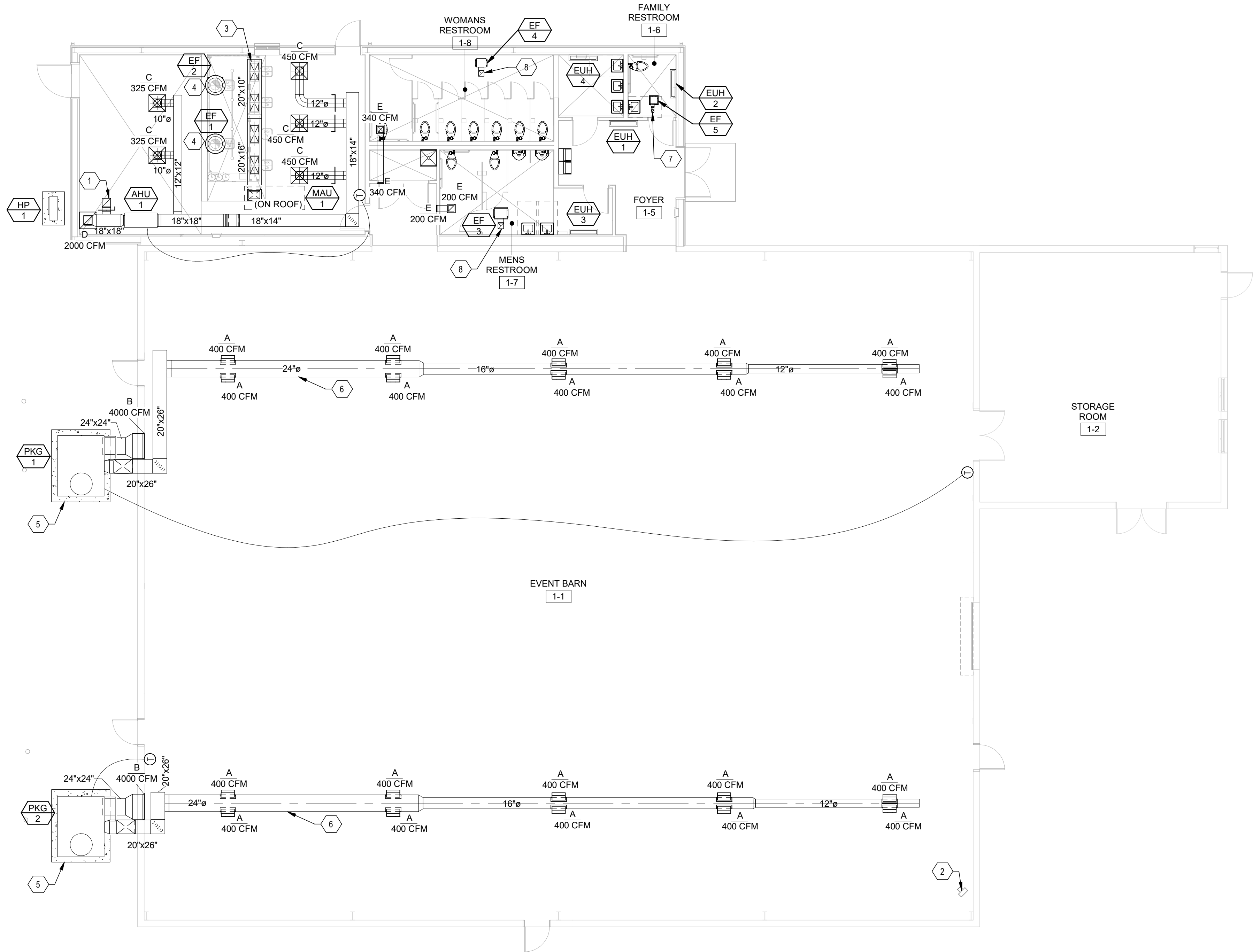
1. REMOVE EXISTING OUTDOOR SECTION OF DUCTLESS SPLIT COMPLETE INCLUDING ALL REFRIGERANT PIPING. RECLAIM REFRIGERANT IN STRICT ACCORDANCE WITH LOCAL CODES AND ORDINANCE PROCEDURES.
2. REMOVE EXISTING FUE THRU ROOF. PATCH AND REPAIR ROOF TO MATCH EXISTING OR AS DIRECTED BY THE ARCHITECT.
3. EXISTING UNIT HEATER TO REMAIN.

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| | |
|--|-----|
| PROJECT NO: 22-600-157-02 | |
| DRAWN BY | CDC |
| CHECKED BY | MWW |
| SHEET TITLE MECHANICAL DEMOLITION PLAN | |

MD-101
SHEET ____ OF ____

08-Oct-24 16:00:52



A3 MECHANICAL HVAC PLAN - EVENT BARN
1/8" = 1'-0"

GENERAL SHEET NOTES

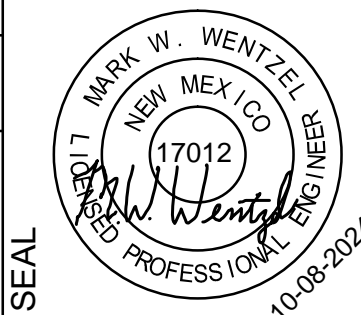
- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND WITH THE LATEST EDITION OF THE PREVAILING STATE MECHANICAL/PLUMBING AND BUILDING CODES AS WELL AS ALL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.
- DO NOT ROUTE ANY PLUMBING, PIPING, DUCTWORK, ETC. OVER ANY ELECTRICAL PANELS.
- PROVIDE TURNING VANES IN ALL RECTANGULAR ELBOWS.
- PROVIDE FLEXIBLE CONNECTION ON ALL EQUIPMENT.
- CONTRACTOR TO COORDINATE DUCT LOCATIONS WITH JOIST LAYOUT AND STRUCTURAL AND ADJUST WHERE NECESSARY.
- SEE M-500 SHEETS FOR MECHANICAL DETAILS. SEE M-600 SHEETS FOR MECHANICAL SCHEDULES.
- CONTRACTOR TO VERIFY AND COORDINATE W/ ELECTRICAL ENGINEER AND CONTRACTOR FOR WIRING AND POWER REQUIRED.
- CONTRACTOR TO VERIFY AND COORDINATE STRUCTURAL SUPPORT AND OPENINGS IN FLOOR, ROOF AND WALLS.
- CONTRACTOR TO COORDINATE WITH MECHANICAL ENGINEER ON ANY OBSTRUCTIONS OR CONFLICTS REGARDING THE PROPOSED MECHANICAL LAYOUT.
- CONTRACTOR TO ENSURE MECHANICAL UNITS, VALVES, FIRE DAMPERS AND ALL EQUIPMENT INSTALLED ARE INSTALLED WITH PROPER MAINTENANCE ACCESS.
- COORDINATE WITH OWNER FOR EXACT LOCATION OF THERMOSTATS AND CONTROLS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CHANGES IN ORDER TO VERIFY FUNCTIONALITY.
- DIFFUSER NECK SIZE SHALL MATCH DUCT RUN-OUT SIZE, OTHERWISE NOTED ON PLANS, TYPICAL.

SHEET KEYNOTES

- 12"x12" FA DUCT WITH DAMPER UP THRU ROOF TO ROOF VENTILATOR.
- EXISTING GAS UNIT HEATER TO REMAIN.
- PROVIDE TAP IN BOTTOM OF DUCT FOR CONNECTION TO HOOD SUPPLY AIR. PROVIDE BALANCING DAMPER.
- PROVIDE MIN. 16 GAUGE STEEL GREASE DUCT RISER THRU ROOF TO HOOD EXHAUST FAN. PROVIDE 2 LAYERS OF FIRE WRAP INSULATION FOR EXHAUST DUCTS.
- PROVIDE 4" THICK HOUSEKEEPING PAD FOR UNIT.
- ROUTE CENTERLINE OF DUCT AT 15' AFF. COORDINATE EXACT LOCATION WITH LIGHTS AND SKYLIGHTS.
- 4"Ø EA DUCT UP THRU ROOF TO ROOF CAP.
- 8"x8" EA DUCT UP THRU ROOF TO ROOF CAP.

WILSON & COMPANY
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



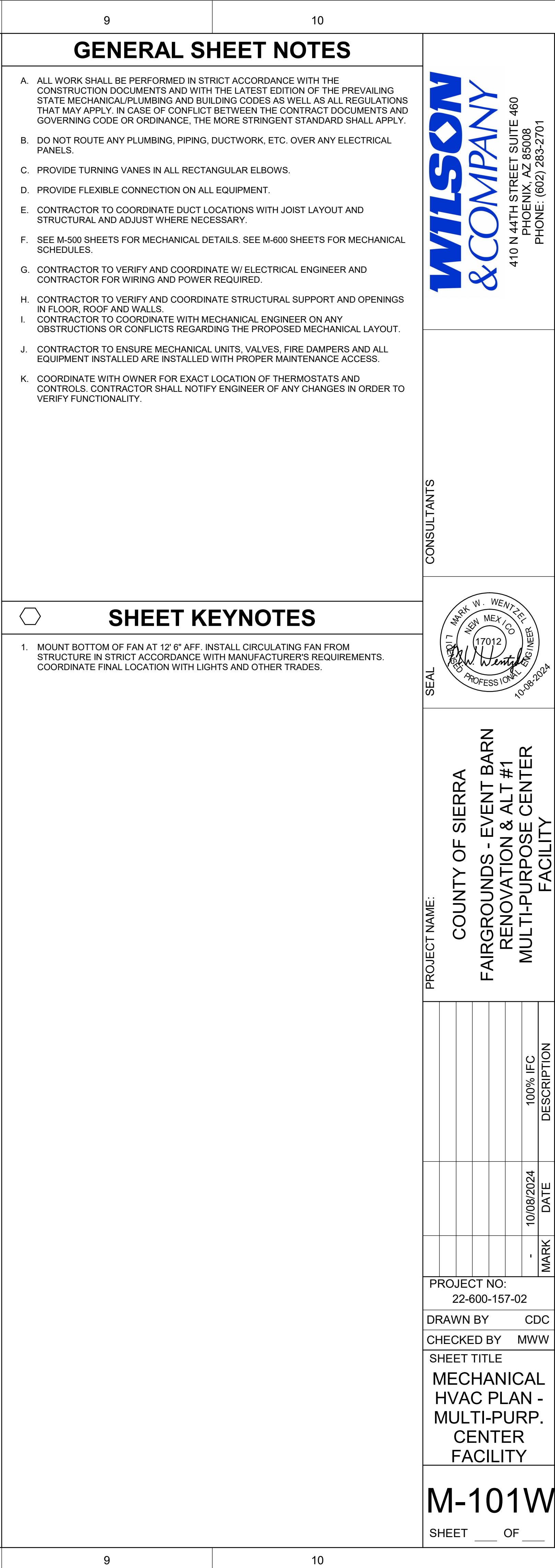
PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | 100% IFC | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/08/2024 | | |

PROJECT NO:
22-600-157-02
DRAWN BY CDC
CHECKED BY MWW
SHEET TITLE
MECHANICAL
HVAC PLAN -
EVENT BARN

M-101V
SHEET ___ OF ___



M-501

PAGE 1 OF 1

WILSON
& COMPANY

410 N 44TH STREET, SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 283-2701

SEAL



PROJECT NAME:

PROJECT NAME: COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

[illegible]

PROJECT NO:
22-600-157-02

DRAWN BY CDC

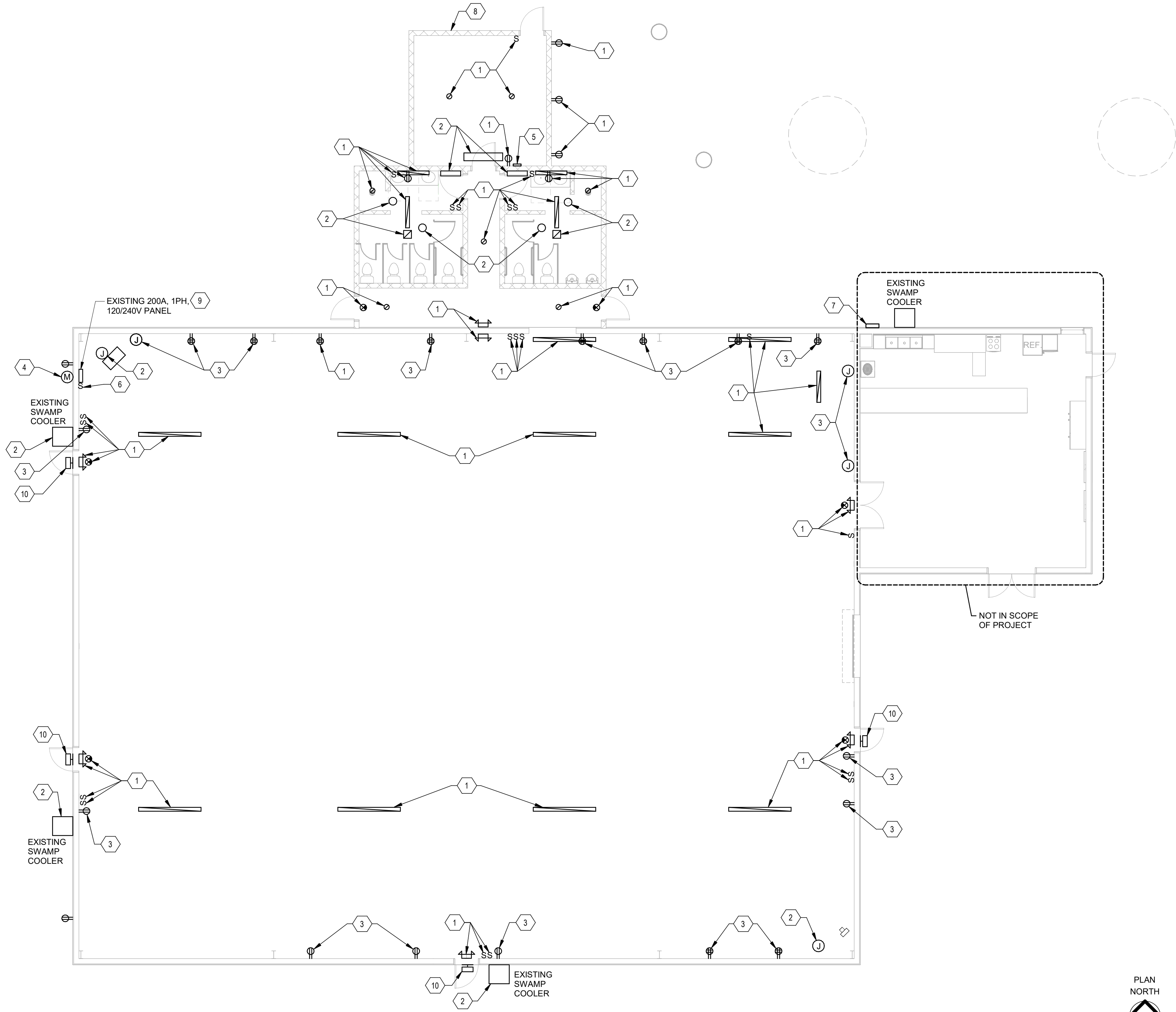
CHECKED BY MWW

SHEET TITLE
MECHANICAL
SCHEDULES

M-601

| | |
|-------|----|
| SHEET | OF |
|-------|----|

10/8/2024 3:09:29 PM



A3 ELECTRICAL POWER PLAN - EVENT BARN DEMOLITION
1/8" = 1'-0"

GENERAL SHEET NOTES

- EXISTING CONDITIONS ARE BASED ON AS-BUILT AND FIELD NOTE INFORMATION. CONTRACTOR TO FIELD VERIFY ALL ELECTRICAL DEVICES, EQUIPMENT, ETC. PRIOR TO ANY DEMOLITION OR MODIFICATIONS.
- REMOVE EXISTING EQUIPMENT AND WIRING BACK TO SOURCE. EXISTING CONDUIT TO REMAIN FOR NEW EQUIPMENT TO BE INSTALLED IN SAME PLACE. REFER TO SHEET E-102 FOR MORE INFORMATION.
- REMOVE ALL ELECTRICAL AND DATA DEVICES, CONDUIT, WIRING AND ASSOCIATED EQUIPMENT IN SPACE BACK TO SOURCE.
- THE EXISTING WALLPACK FIXTURES, WIRING AND CONDUIT TO REMAIN.

SHEET KEYNOTES

- REMOVE ELECTRICAL DEVICE, CONDUIT, AND WIRING COMPLETELY BACK TO SOURCE.
- REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT WITH MECHANICAL EQUIPMENT TO BE DEMOLISHED BACK TO SOURCE. VERIFY MECHANICAL EQUIPMENT IS TO BE DEMOLISHED PRIOR TO REMOVAL. LIST BREAKER IN PANEL AS 'SPARE'.
- EXISTING ELECTRICAL DEVICE RECESSED IN EXISTING GYPBOARD. REMOVE DEVICE FOR REINSTALLATION ON SURFACE OF NEW INTERIOR WALLING DURING NEW WORK PHASE. SEE ELECTRICAL NEW WORK SHEETS MORE MORE INFORMATION.
- EXISTING METER FED FROM AERIAL SECONDARY SERVICE TO BE REMOVED AND REPLACED WITH NEW SERVICE AND METER. SEE POWER PLAN.
- EXISTING LOAD CENTER LB TO BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE.
- REMOVE EXISTING LIGHT SWITCH MOUNTED ON PANEL.
- EXISTING ELECTRICAL SERVICE TO EXISTING EQUIPMENT TO REMAIN.
- SEE ARCHITECTURAL DEMOLITION PLAN, AD-101V, FOR BUILDING DEMOLITION.
- EXISTING PANEL TO REMAIN AND BE RECONNECTED TO NEW SERVICE.
- EXISTING EXTERIOR FIXTURE TO BE REMOVED AND REPLACED.

**WILSON
& COMPANY**
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | 100% IFC DESCRIPTION |
|------|------------|-------------------------|
| - | 10/08/2024 | |

PROJECT NO:
22-600-157-02

DRAWN BY IRG

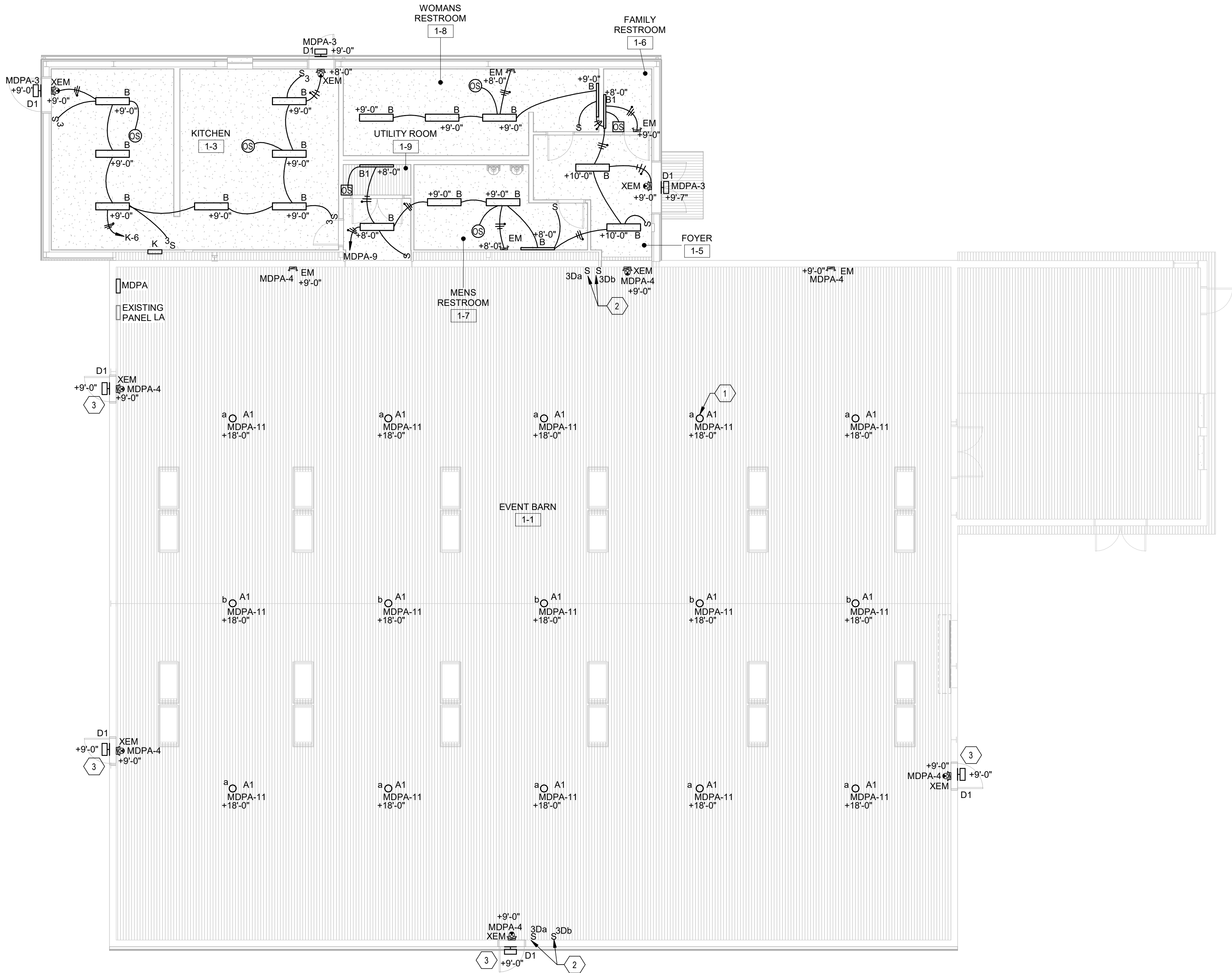
CHECKED BY MTH

SHEET TITLE
ELECTRICAL
DEMOLITION
PLAN

ED-101
SHEET ___ OF ___

10/8/2024 3:09:32 PM

| LIGHTING FIXTURE SCHEDULE | | | | | | | | |
|---------------------------|--|-------|-------|----------|-------|---------------|--------------|---|
| TYPE | DESCRIPTION | NOTES | VOLTS | MOUNTING | LAMPS | LENS | MANUFACTURER | MODEL # |
| A1 | HIGH BAY LIGHT FIXTURE, LED, 18000 LUMENS | | 120V | PENDANT | LED | POLYCARBONATE | LITHONIA | CPRB-ALO13-UVOLT-40K-80CRI-SCF120-MS0D30 0V-DWH |
| A2 | HIGH BAY LIGHT FIXTURE, LED, 12000 LUMENS | | 120V | PENDANT | LED | POLYCARBONATE | LITHONIA | CPRB-ALO13-UVOLT-40K-80CRI-SCF120-MS0D30 0V-DWH |
| B | LOW PROFILE WRAPAROUND LIGHT FIXTURE, LED, 5000 LUMENS | | 120V | SURFACE | LED | POLYCARBONATE | LITHONIA | FML4W 48 5000LM 835 ZT MVOLT |
| B1 | LOW PROFILE WRAPAROUND LIGHT FIXTURE, LED, 3000 LUMENS | | 120V | SURFACE | LED | POLYCARBONATE | LITHONIA | FMLWL 48 835 ZT MVOLT |
| D1 | WALLPACK FIXTURE, LED, WHITE, BATT. PACK W/PHOTOCELL | | 120V | SURFACE | LED | GLASS | LITHONIA | WPX1 LED P2-40K-MVOLT-E4WH-PE-DWHXD |
| D2 | WALLPACK FIXTURE, LED, WHITE, W/PHOTOCELL | | 120V | SURFACE | LED | GLASS | LITHONIA | WPX2 LED-40K-MVOLT-PE-DWHXD |
| EM | EMERGENCY LIGHT FIXTURE | | 120V | WALL | LED | | LITHONIA | ELM4L-UVOLT-LTP-SDRT |
| XEM | DUAL EXIT AND EMERGENCY LIGHT WITH SELF DIAGNOSTICS | | 120V | SURFACE | LED | | LITHONIA | LHQM-LED-R-SD |



A3 ELECTRICAL LIGHTING PLAN - EVENT BARN
1/8" = 1'-0"

GENERAL SHEET NOTES

- A. COORDINATE FINAL LOCATION OF ALL LUMINAIRES WITH ALL OTHER DISCIPLINES IN THE PROJECT PRIOR TO INSTALLATION.
- B. ALL EMERGENCY BATTERY FIXTURES SHALL BE CONNECTED TO A CONTINUOUSLY HOT CIRCUIT SERVING THE ROOM THEY ARE LOCATED IN AND FROM NO OTHER CIRCUIT.

SHEET KEYNOTES

1. FIXTURE TO BE MOUNTED AT HEIGHT INDICATED. PROVIDE ADDITIONAL CABLE AND POWER CORD DEPENDING ON CEILING HEIGHT. LOCATE TWIST LOCK RECEPTACLE ABOVE FIXTURE FOR POWER CONNECTION. TYP.
2. LIGHT SWITCHES TO BE FLUSH MOUNTED ON FINISHED NEW WALL INTERIOR.
3. CONNECT NEW D1 EXTERIOR LIGHT FIXTURE TO EXISTING CIRCUIT.

WILSON & COMPANY
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



SEAL

PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| - | 10/08/2024 | 100% IFC |

PROJECT NO:
22-600-157-02

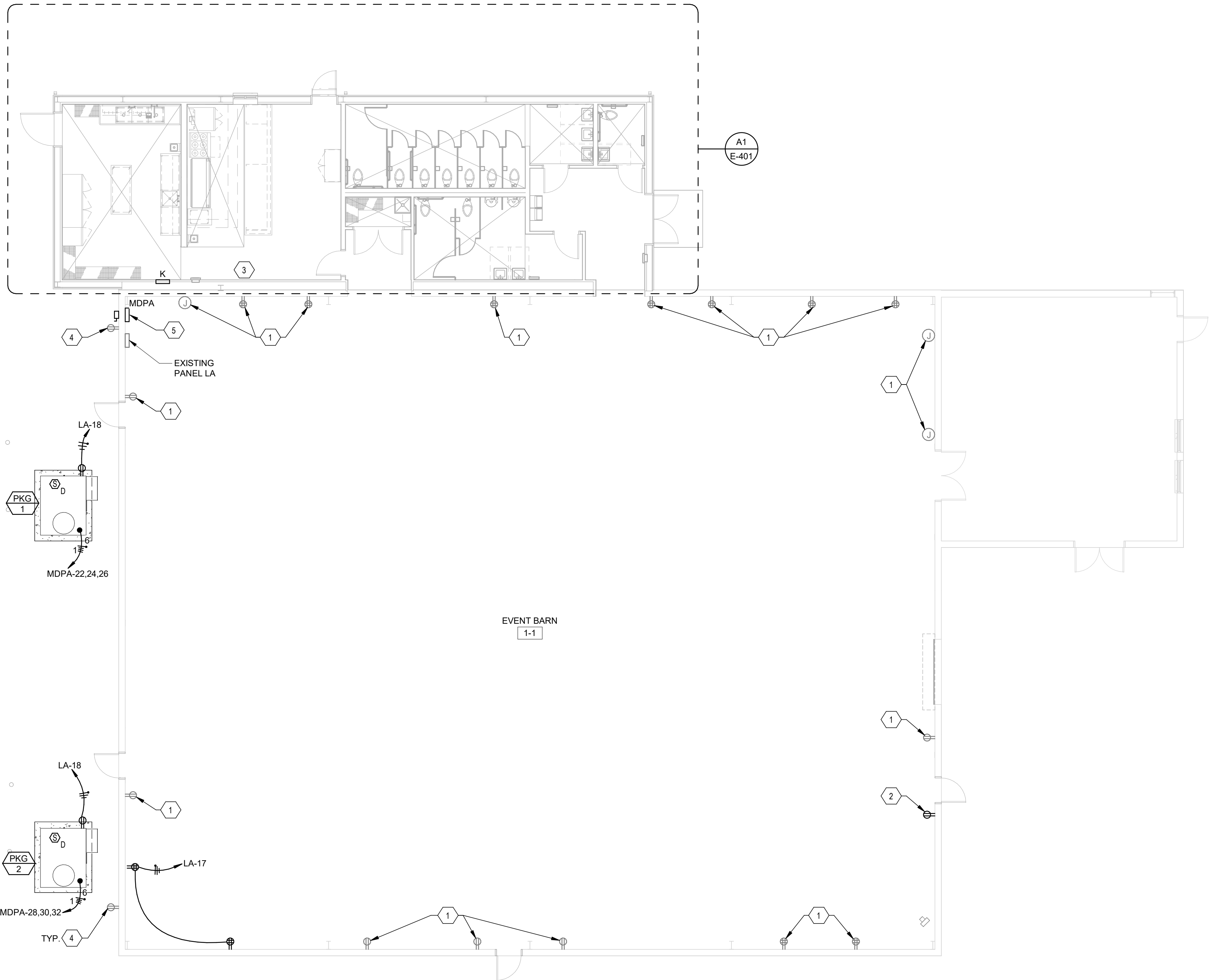
DRAWN BY IRG

CHECKED BY MTH

SHEET TITLE
ELECTRICAL
LIGHTING
PLAN - EVENT
BARN

E-101V
SHEET ___ OF ___

10/8/2024 3:09:38 PM



A3 ELECTRICAL POWER PLAN - EVENT BARN
1/8" = 1'-0"

GENERAL SHEET NOTES

- A. ALL PENETRATIONS IN RATED WALLS SHALL BE PROPERLY SEALED WITH A LISTED AND APPROVED FIRE-STOPPING MATERIAL, AS REQUIRED BY SPECIFICATIONS AND APPLICABLE CODES. REFER TO DETAIL DRAWINGS FOR PROPER METHODS AND PROCEDURES FOR FIRE-STOPPING THESE PENETRATIONS.

SHEET KEYNOTES

1. EXTEND EXISTING ELECTRICAL DEVICE TO BE FLUSH MOUNTED ON FINISHED NEW WALL INTERIOR. MAINTAIN EXISTING CIRCUIT CONNECTION TO EXISTING PANEL LA.
2. NEW LOCATION OF EXISTING RECEPTACLE REMOVED DURING DEMOLITION PHASE. SURFACE MOUNT ON FINISHED NEW WALL INTERIOR AND EXTEND CONDUIT AND WIRING AS NEEDED.
3. NEW PANEL K, SEE SHEET E-602 FOR MORE INFORMATION. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
4. RECONNECT EXISTING EXTERIOR RECEPTACLES, LIGHTING, CONDUIT AND WIRING TO EXISTING PANEL LA. PROTECT IN PLACE.
5. NEW PANEL MDPA, 208Y/120V, 3PH, 4W, 600A SEE SHEET E-602 FOR MORE INFORMATION.

WILSON & COMPANY
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



SEAL

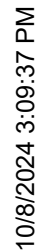
PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | 100% IFC DESCRIPTION |
|------|------------|----------------------|
| - | 10/08/2024 | |

PROJECT NO:
22-600-157-02
DRAWN BY
IRG
CHECKED BY
MTH
SHEET TITLE
ELECTRICAL
POWER PLAN -
EVENT BARN

E-102V
SHEET ___ OF ___



- A. REFER TO SHEET E-101V FOR LUMINAIRE SCHEDULE.
- B. COORDINATE FINAL LOCATION OF ALL LUMINAIRES WITH ALL OTHER DISCIPLINES IN THE PROJECT PRIOR TO INSTALLATION.
- C. ALL EMERGENCY BATTERY FIXTURES SHALL BE CONNECTED TO A CONTINUOUSLY HOT CIRCUIT SERVING THE ROOM THEY ARE LOCATED IN AND FROM NO OTHER CIRCUIT.

**WILSON
& COMPANY**

410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 283-2701

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

[illegible]

| | |
|-------------|---------------|
| PROJECT NO: | 22-600-157-02 |
|-------------|---------------|

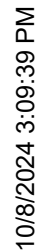
| | |
|----------|-----|
| DRAWN BY | IRG |
|----------|-----|

| | |
|------------|-----|
| CHECKED BY | MTH |
|------------|-----|

| |
|---|
| SHEET TITLE |
| ELECTRICAL LIGHTING PLAN - MULTI-PURP. CENTER FACILITY |

E-101W

SHEET OF



A. ALL PENETRATIONS IN RATED WALLS SHALL BE PROPERLY SEALED WITH A LISTED AND APPROVED FIRE-STOPPING MATERIAL, AS REQUIRED BY SPECIFICATIONS AND APPLICABLE CODES. REFER TO DETAIL DRAWINGS FOR PROPER METHODS AND PROCEDURES FOR FIRE-STOPPING THESE PENETRATIONS.

WILSON
& COMPANY

410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 283-2701

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

[illegible]

| | |
|-------------|---------------|
| PROJECT NO: | 22-600-157-02 |
|-------------|---------------|

| | |
|----------|-----|
| DRAWN BY | IRG |
|----------|-----|

| | |
|------------|-----|
| CHECKED BY | MTH |
|------------|-----|

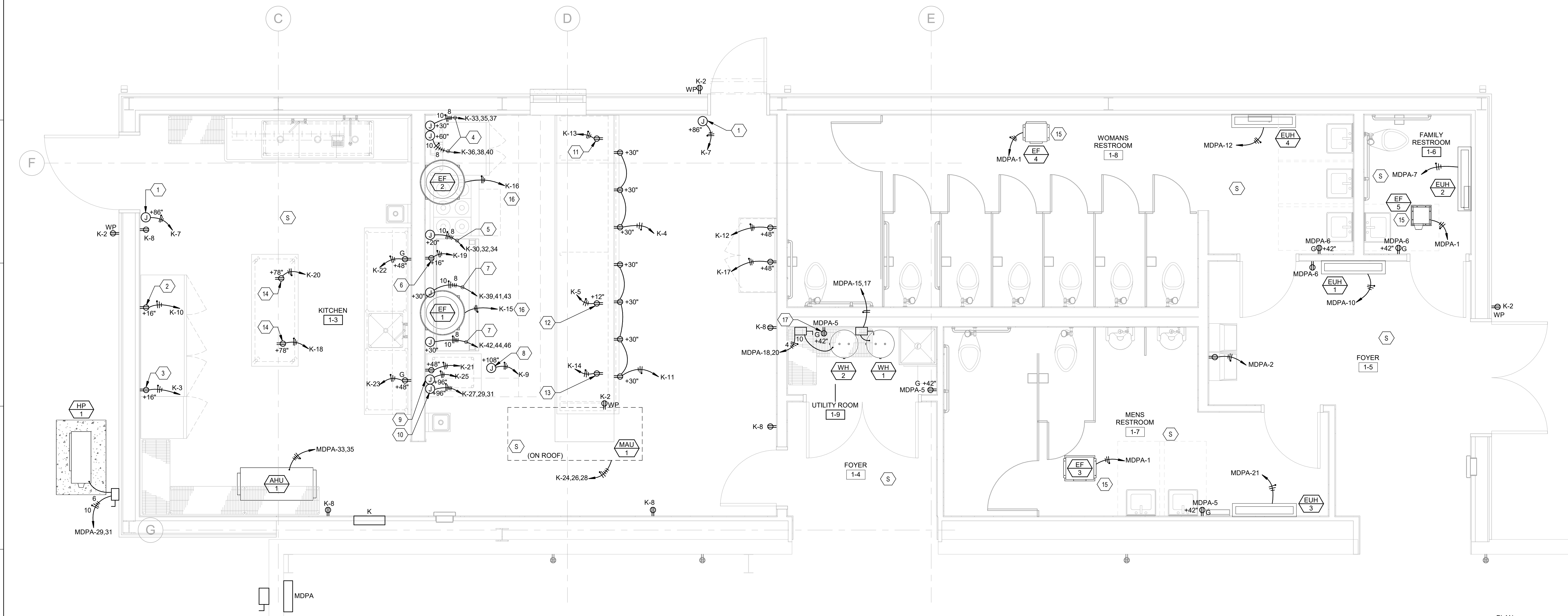
SHEET TITLE
ELECTRICAL
POWER PLAN -
MULTI-PURP.
CENTER
FACILITY

E-102W

SHEET OF

10/8/2024 3:09:40 PM

H
G
F
E
D
C
B
A



A1 ELECTRICAL POWER PLAN - ENLARGED PLAN
3/8" = 1'-0"

GENERAL SHEET NOTES

- A. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. REFER TO ENLARGED ELECTRICAL SITE PLANS FOR ADDITIONAL INFORMATION.
- B. REFER TO ELECTRICAL ONE-LINE DIAGRAM AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION. REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- C. FIELD VERIFY ALL EQUIPMENT SIZING SHOWN WITH FINAL EQUIPMENT INSTALLED. IF ANY DEVIATIONS ARE DISCOVERED, COORDINATE WITH ENGINEER PRIOR TO ANY WORK PERFORMED.
- D. ALL CONDUITS SHALL BE INSTALLED WITH PLASTIC BUSHINGS UNLESS OTHERWISE REQUIRED BY NEC.
- E. SEAL ALL WALL AND ROOF PENETRATIONS TO MAINTAIN STRUCTURE FIRE PROOF AND WEATHERPROOF REQUIREMENTS. REFER TO SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

SHEET KEYNOTES

1. JUNCTION BOX FOR CONNECTION OF AIR CURTAIN. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
2. DEDICATED RECEPTACLE FOR REACH-IN REFRIGERATOR. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
3. DEDICATED RECEPTACLE FOR REACH-IN FREEZER. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
4. FOR DOUBLE CONVECTION OVEN. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
5. FOR 6 OPEN BURNER RANGE WITH OVEN. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
6. DEDICATED RECEPTACLE FOR REFRIGERATED BASE. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
7. JUNCTION BOX FOR HARDWIRED CONNECTION TO GRIDDLE. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
8. JUNCTION BOX FOR CONNECTION TO EXHAUST HOOD. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
9. JUNCTION BOX FOR CONNECTION TO FIRE SUPPRESSION SYSTEM. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
10. JUNCTION BOX FOR CONNECTION TO ELECTRICAL CONTROL PACKAGE. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
11. DEDICATED RECEPTACLE FOR WARMER DRAWERS. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
12. DEDICATED RECEPTACLE FOR UNDERCOUNTER REFRIGERATED DRAWERS. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
13. DEDICATED RECEPTACLE FOR UNDERCOUNTER HEATED CABINET. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION.
14. DEDICATED DROP CORD RECEPTACLE FOR WORK TABLES. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER PRIOR TO INSTALLATION. REFER TO DETAIL 1 SHEET E-501 FOR ADDITIONAL INFORMATION.
15. INTERLOCK EXHAUST FAN WITH LIGHTING CIRCUIT.
16. INTERLOCK EXHAUST/SUPPLY FANS WITH KITCHEN HOOD AND FIRE SUPPRESSION PANEL.
17. RECEPTACLE FOR RECIRCULATION PUMP CP1.

WILSON & COMPANY
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



PROJECT NAME:
**COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY**

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| - | 10/08/2024 | 100% IFC |

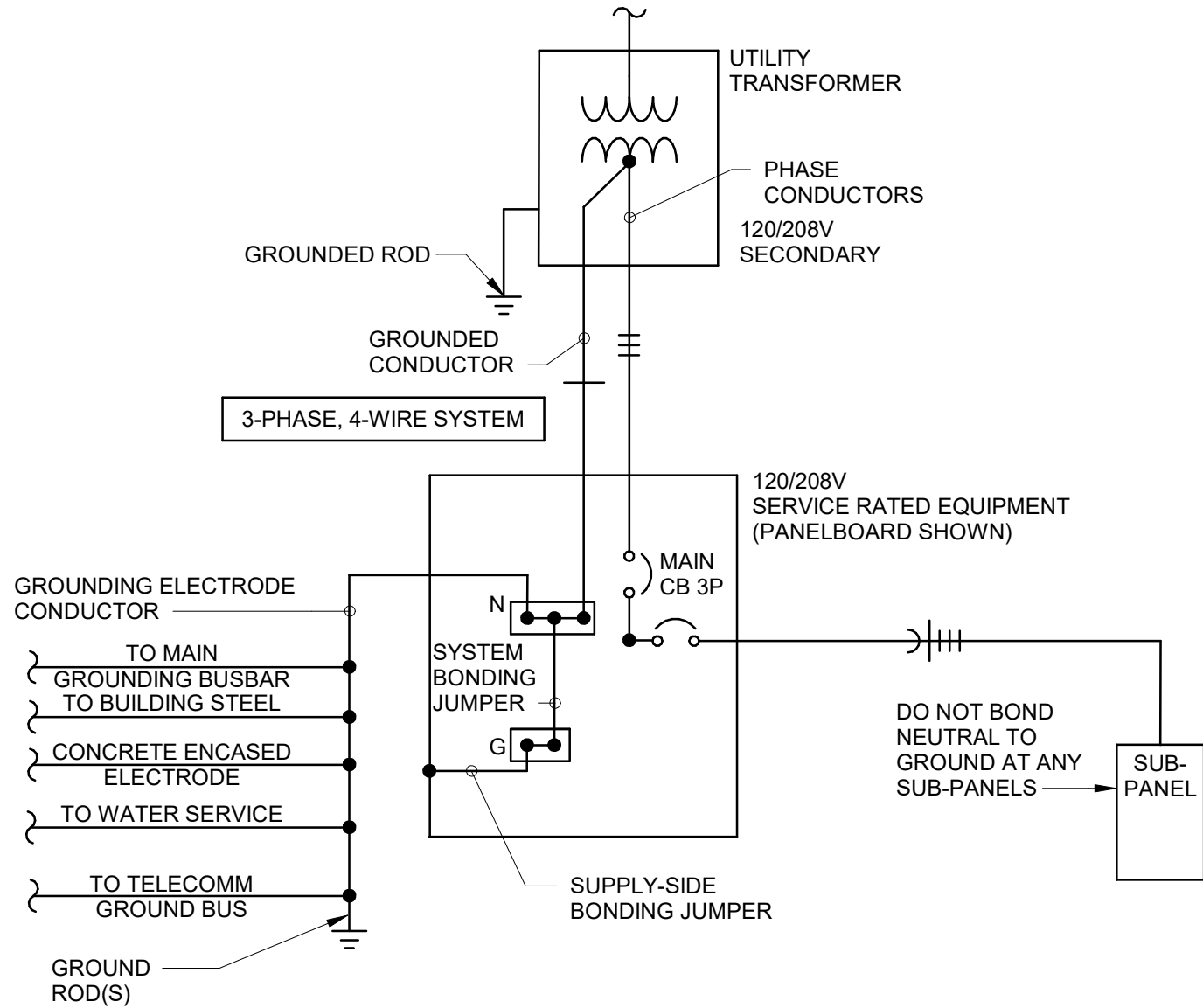
PROJECT NO:
22-600-157-02
DRAWN BY
IRG
CHECKED BY
MTH
SHEET TITLE
**ENLARGED
ELECTRICAL
PLAN - EVENT
BARN**

E-401
SHEET ___ OF ___

10/8/2024 3:09:41 PM

H
G
F
E
D
C
B
A

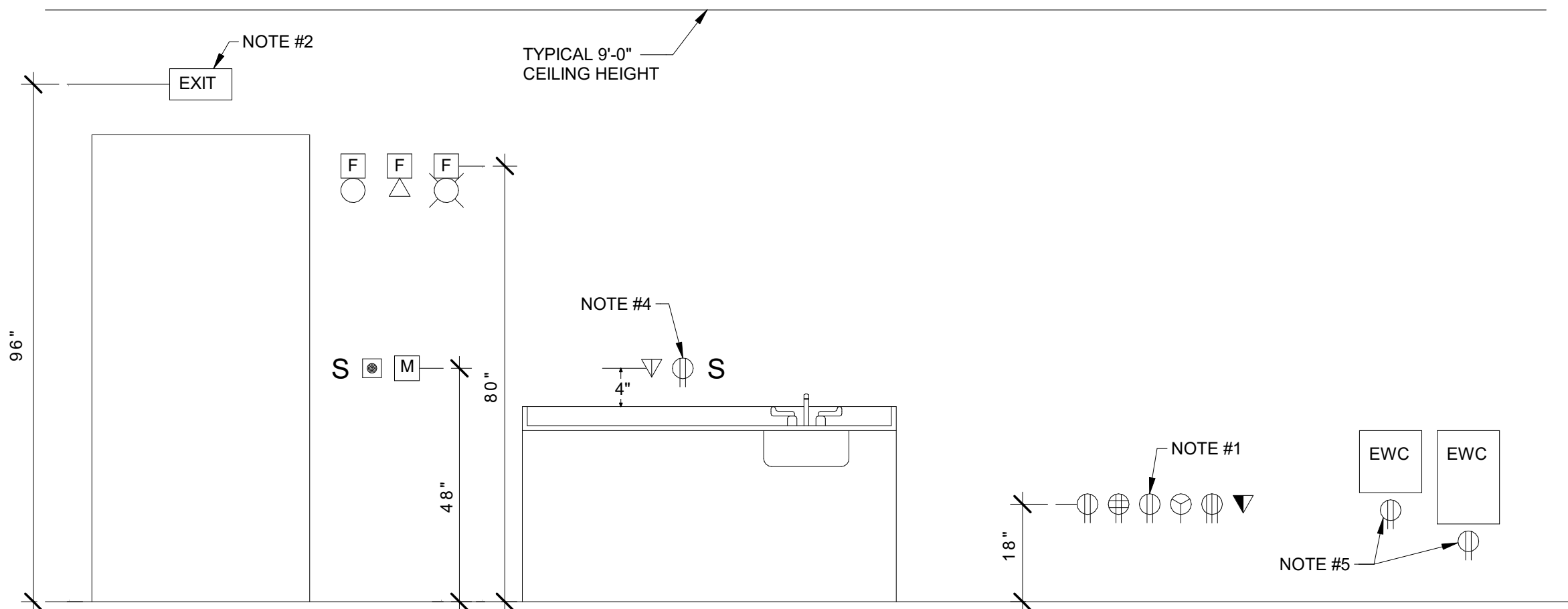
12345678910



SYSTEM GROUNDING NOTES:

- GROUNDING DETAIL BASED ON 2023 NEC ARTICLE 250.30 HANDBOOK EXHIBIT 250.15.
- SUPPLY SIDE BONDING JUMPER SHALL BE SIZED PER NEC 250.102(C).
- THIS DETAIL INCLUDES IMPORTANT INFORMATION ABOUT GROUNDING OF THE ELECTRICAL SYSTEMS. THIS INFORMATION IS TYPICAL IN NATURE AND SHALL APPLY TO THE WHOLE PROJECT UNLESS OTHERWISE NOTED. THE ONE-LINE DIAGRAM DIAGRAMS LOCATED THROUGHOUT THESE DRAWINGS ARE MORE SCHEMATIC AND SHOW GENERAL ARRANGEMENTS.

E5 ELECTRICAL GROUNDING DIAGRAM
NTS

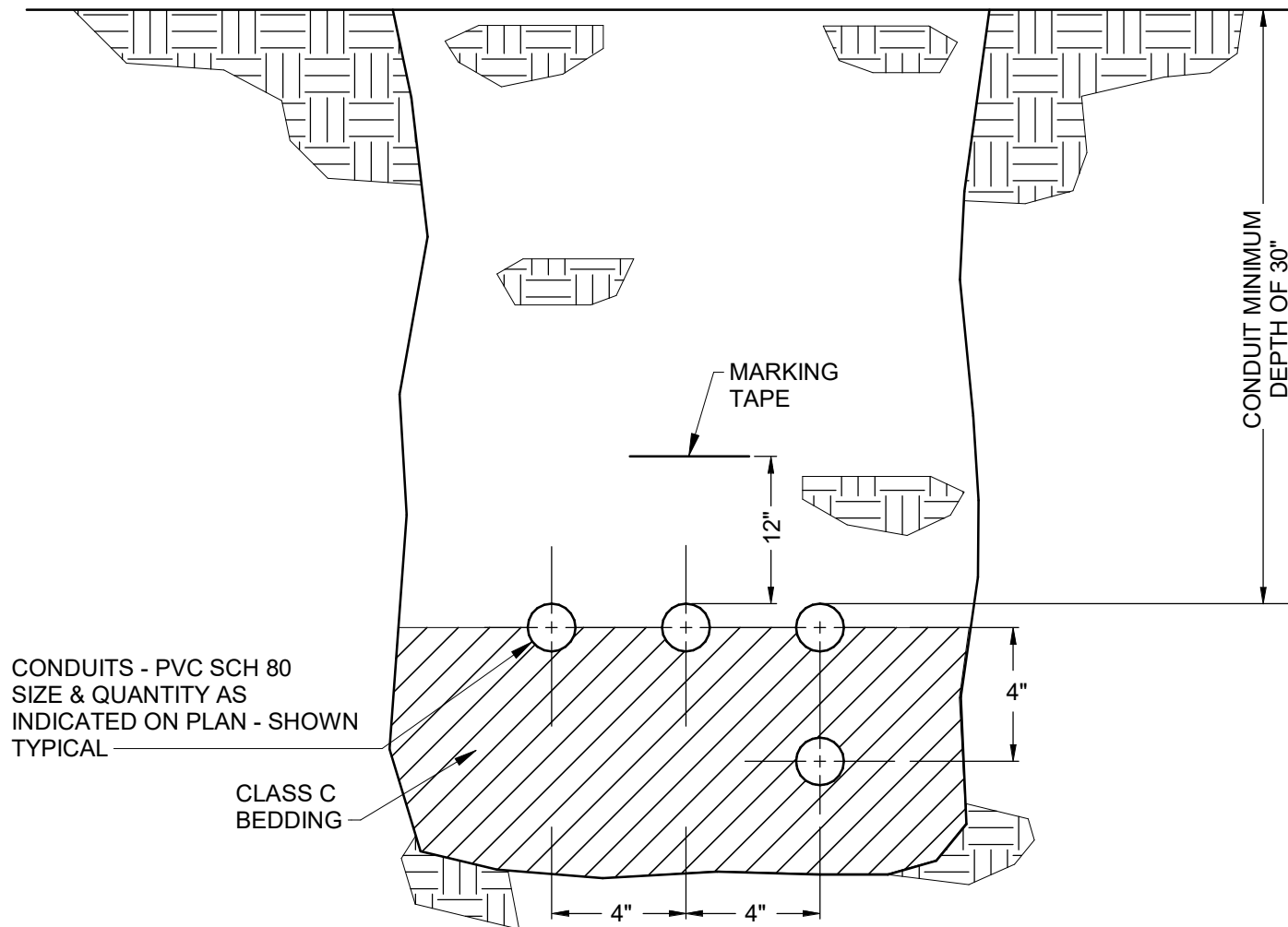


NOTES:

(THIS INFORMATION IS FOR CONTRACTOR ASSISTANCE ONLY. IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND COORDINATE ALL MOUNTING HEIGHTS AND LOCATIONS USING ARCHITECTURAL MILLWORK AND CASEWORK DETAILS PRIOR TO ANY ROUGH-IN.)

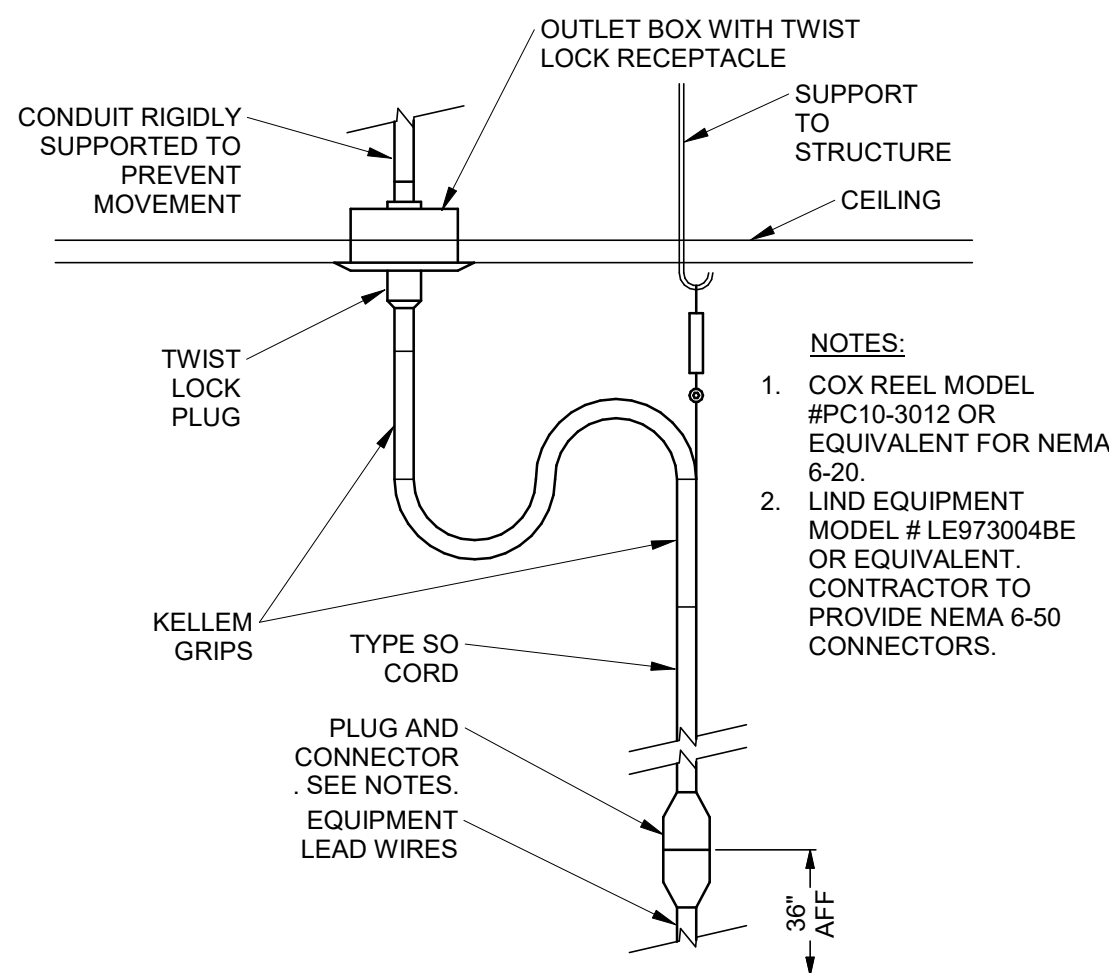
- THE VERTICAL DIMENSIONS SHALL BE TO CENTER OF DEVICE (TYPICAL) UNLESS NOTED OTHERWISE ON PLANS. (COORDINATE INSTALLATION IN MASONRY WALLS WITH STANDARD BLOCK HEIGHTS).
- ONLY IN AREAS WHERE CEILING HEIGHT IS 8'-0" OR WHEN A WINDOW IS LOCATED ABOVE THE DOOR, THE EXIT SIGN SHALL BE CEILING MOUNTED. OTHERWISE, WALL MOUNT SIGN ABOVE DOOR AT +96" A.F.F.
- ALL WALL MOUNTED 125V SINGLE PHASE RECEPTACLES INSTALLED WITHIN 6'-0" OF ANY SINK OR BASIN SHALL HAVE GFCI PROTECTION.
- ALL 125V SINGLE PHASE RECEPTACLES INSTALLED ABOVE COUNTERTOPS THAT ARE WITHIN 6'-0" OF ANY SINK OR BASIN SHALL HAVE GFCI PROTECTION.
- DRINKING FOUNTAINS: MOUNT DUPLEX RECEPTACLE CENTERED TO THE FOUNTAIN AND INSTALL SO THAT THE TOP OF THE COVER PLATE IS NO MORE THAN 1/2" BELOW THE FOUNTAIN. (COORDINATE MOUNTING HEIGHT WITH APPROVED SHOP DRAWINGS).
- FIRE ALARM COMBINATION AUDIO/VISUAL SIGNAL SHALL BE INSTALLED SO THAT THE VISUAL APPLIANCE IS AT +80" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER. IF A HORN ONLY DEVICE IS INSTALLED, MOUNT THE HORN AT +96" A.F.F.
- ALL SWITCHES, PULL STATIONS, DOOR OPENERS, ETC. SHALL BE MOUNTED AT 42" A.F.F. (TO CENTER OF DEVICE) WHEN ADA REQUIREMENTS NEED TO BE MET.

A3 TYPICAL DEVICE MOUNTING HEIGHT
NTS



- ALL DIRECT BURY CONDUITS SHALL BE CONSTRUCTED LIKE THIS DETAIL UNLESS NOTED OTHERWISE.
- PROVIDE PULLING TAPE IN ALL SPARE CONDUITS.
- PLUG ALL UNUSED DUCTS.
- PROVIDE PVC SCHEDULE 80 FOR ALL DIRECT BURY CONDUITS.
- COMPACT ALL TRENCH BACKFILL TO 95% COMPACTION PER PROJECT SPECIFICATIONS.
- CONDUITS SHALL BE MARKED WITH A 6" WIDE RED PLASTIC MARKER WITH A DETECTABLE STRIP AND SHALL HAVE A LABEL TO INDICATE "POWER". IDENTIFYING MARKER STRIP SHALL BE PLACED IN THE BACKFILL AT APPROXIMATELY 12" ABOVE THE ENTIRE LENGHT OF THE CONDUITS.
- TRENCH SIDE SLOPES MUST CONFORM TO OSHA REQUIREMENTS.

E8 ELECTRIC (UGE) DIRECT BURY CONDUIT DETAIL
NTS



NOTES:

- COX REEL MODEL #PC10-3012 OR EQUIVALENT FOR NEMA 6-20.
- LIND EQUIPMENT MODEL # LE973004BE OR EQUIVALENT. CONTRACTOR TO PROVIDE NEMA 6-50 CONNECTORS.

A8 ELECTRICAL DROP CORD DETAIL
NTS

WILSON & COMPANY
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | DESCRIPTION |
|------|------------|-------------|
| - | 10/08/2024 | 100% IFC |

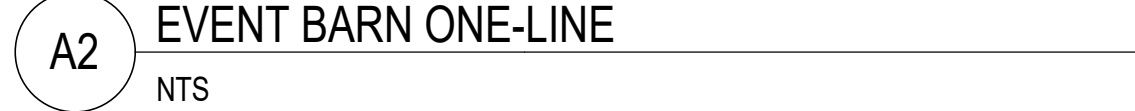
PROJECT NO:
22-600-157-02

DRAWN BY IRG

CHECKED BY MTH

SHEET TITLE
ELECTRICAL
DETAILS

E-501
SHEET ___ OF ___



Notes:

Notes:

SHEET OF

[illegible]

1. PROVIDE NEW 100A, 3 PH. BREAKER IN EXISTING MDP.

CONSULTANTS



PROJECT NAME:

| | |
|------------------------------|-----|
| PROJECT NO: 22-600-157-02 | |
| DRAWN BY | IRG |
| CHECKED BY | MTH |

E-602

SHEET OF

10/8/2024 3:09:44 PM

A
B
C
D
E
F
G
H



A1

ELECTRICAL POWER PLAN - SITE PLAN

1" = 30'-0"



GENERAL SHEET NOTES

- COORDINATE WITH ALL OF THE EXISTING ELECTRICAL UTILITIES THAT ARE ASSOCIATED WITH THIS PROJECT AND ENSURE THEY REMAIN ACTIVE DURING THIS PROJECT.
- REPAIR ANY DAMAGE TO THE EXISTING PROPERTY ASSOCIATED WITH ANY TRENCHING, DIGGING OR GROUNDWORK REQUIRED FOR THE CONNECTION OF THE ELECTRICAL CONDUITS TO ELECTRICAL EQUIPMENT ON / INSIDE BUILDINGS.
- ANY INTERRUPTION TO THE EXISTING ELECTRICAL SERVICE SHALL BE COORDINATED WITH THE OWNER, AND IF NECESSARY, SUPPLY TEMPORARY POWER AS REQUIRED TO MAINTAIN POWER TO THE TRAILER.
- UTILIZATION OF THE EXISTING POWER POLES FOR THE EXTENSION OF THE NEW SERVICE TO THE NEW TRANSFORMER SHALL BE COORDINATED WITH THE AUTHORITY HAVING JURISDICTION.
- REFER TO SHEET E-001, ELECTRICAL SYMBOL LEGEND FOR ADDITIONAL INFORMATION.
- COORDINATE ELECTRICAL SERVICE WITH BO EASLEY ELECTRIC DEPARTMENT DIRECTOR WITH THE CITY OF TRUTH OR CONSEQUENCES. BEASLEY@TORCNM.ORG.



SHEET KEYNOTES

- PRIMARY RISER AND UNDERGROUND CONDUIT FROM EXISTING POWER POLE TO NEW PAD MOUNTED UTILITY TRANSFORMER. COORDINATE SIZE AND QUANTITY WITH UTILITY. CABLE BY UTILITY.
- NEW UTILITY TRANSFORMER PROVIDED BY LOCAL UTILITY, 120/208V 3PH, 600A SECONDARY SERVICE TO NEW PANEL MDP. SEE SHEET E-102V FOR MORE INFORMATION. TOP OF PAD TO BE 6" ABOVE FINISHED GRADE, SEE STRUCTURAL DETAIL 7, SHEET S002.
- NEW UNDERGROUND ELECTRICAL CONDUIT FROM EXISTING MAIN DISTRIBUTION PANEL MDP TO NEW PANEL C IN NEW MULTI-PURPOSE EVENT CENTER, SEE SHEET E-102W FOR MORE INFORMATION.
- EXISTING MAIN DISTRIBUTION PANEL MDP. SEE SHEET E-601 FOR MORE INFORMATION.

**WILSON
& COMPANY**
410 N 44TH STREET SUITE 460
PHOENIX, AZ 85008
PHONE: (602) 263-2701

CONSULTANTS



SEAL

PROJECT NAME:

COUNTY OF SIERRA
FAIRGROUNDS - EVENT BARN
RENOVATION & ALT #1
MULTI-PURPOSE CENTER
FACILITY

| MARK | DATE | 100% IFC | DESCRIPTION |
|------|------------|----------|-------------|
| - | 10/08/2024 | | |

PROJECT NO:
22-600-157-02

DRAWN BY IRG

CHECKED BY MTH

SHEET TITLE
ELECTRICAL
SITE PLAN

ES-101

SHEET ___ OF ___