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# MISSOURI DEPARTMENT OF TRANSPORTATION

Festus Maintenance Building St. Louis District 1000 Airport Road, Festus, MO 63028 Jefferson County

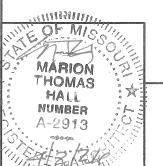
# CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC

PLUMBING CODE - CURRENT IBC

MECHANICAL CODE - CURRENT IBC

ELECTRICAL CODE - CURRENT N.E.C.



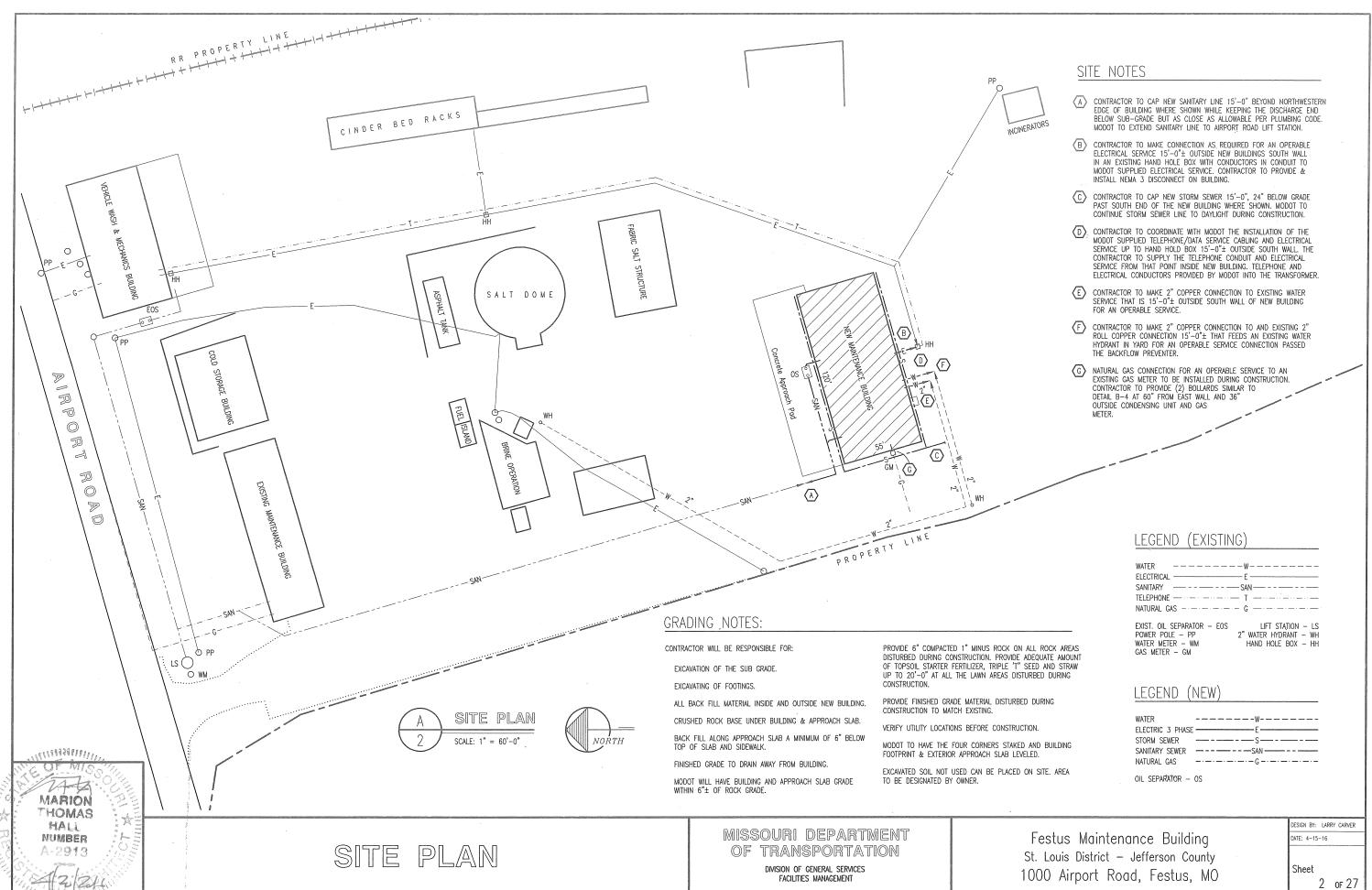
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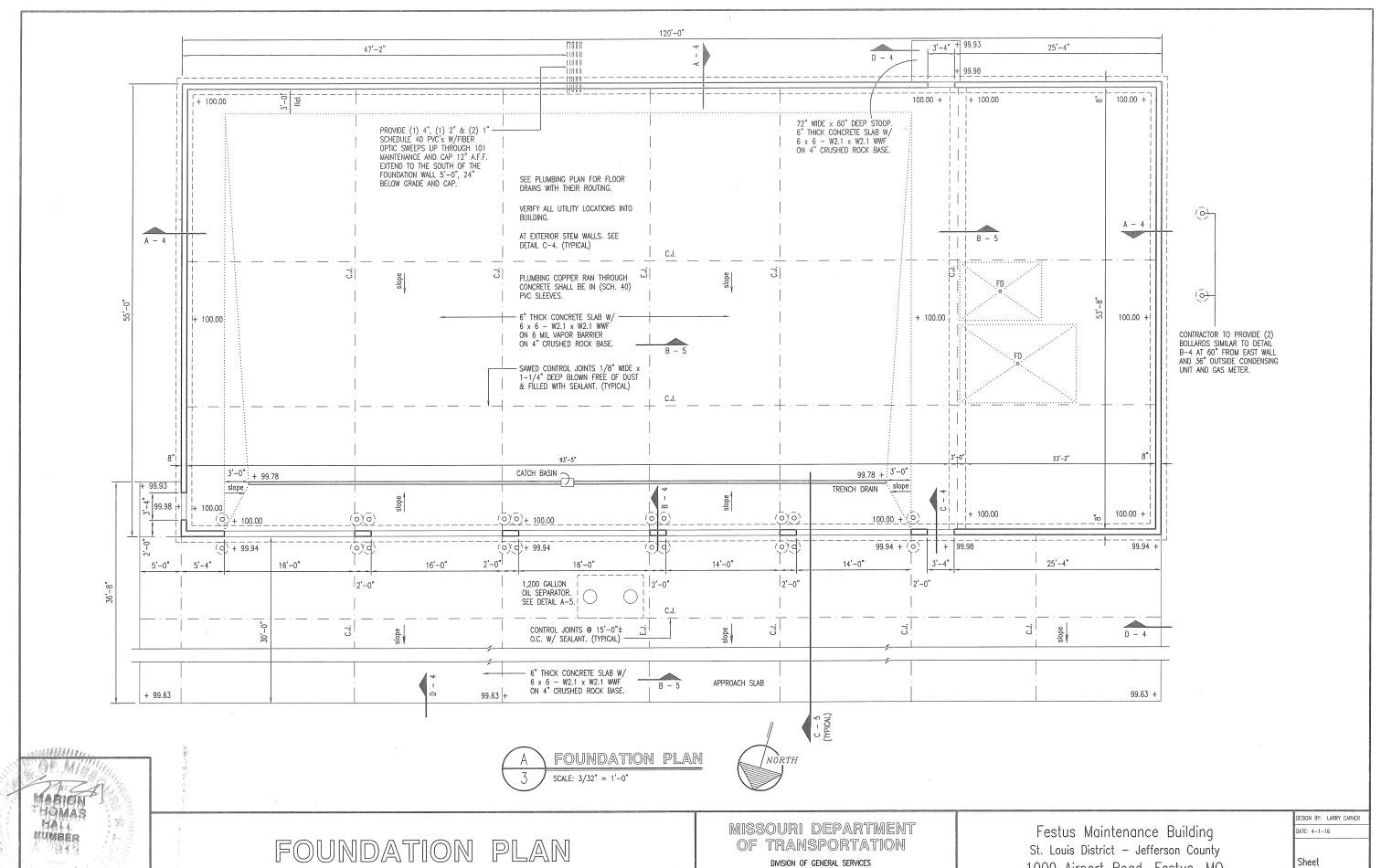
MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 4-15-16

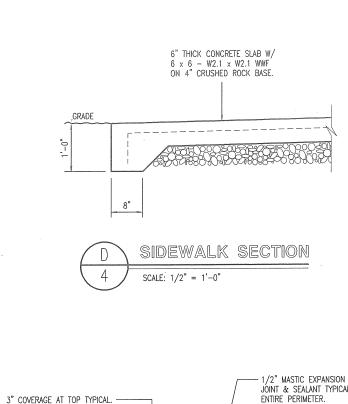
Sheet





DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

1000 Airport Road, Festus, MO

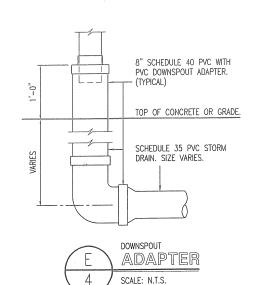


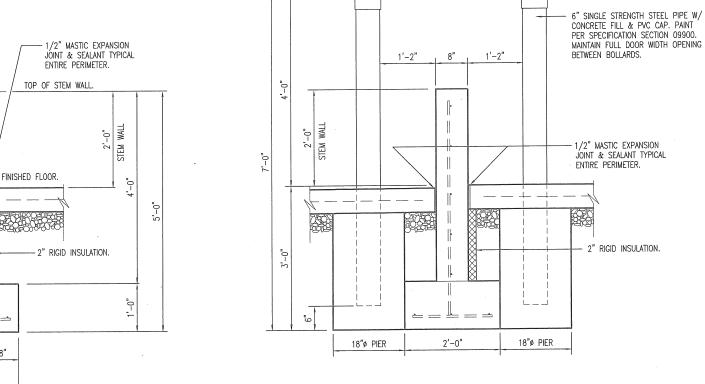
FINISHED GRADE.

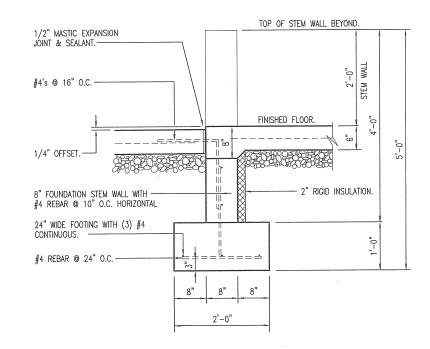
8" FOUNDATION STEM WALL WITH -#4 REBAR @ 10" O.C. HORIZONTAL #4 REBAR @ 24" O.C. VERTICAL.

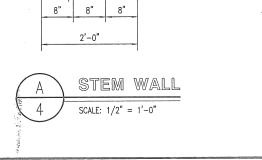
24" WIDE FOOTING WITH (3) #4 CONTINUOUS.

#4 REBAR @ 24" O.C. -









BOLLARD @ FOOTING DETAIL SCALE: 1/2" = 1'-0"

EXTERIOR STEM WALL @ DOOR SCALE: 1/2" = 1'-0"

FOUNDATION DETAILS

MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

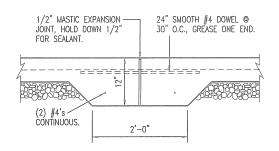
Festus Maintenance Building St. Louis District - Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER DATE: 3-4-16 Sheet

4 of 27

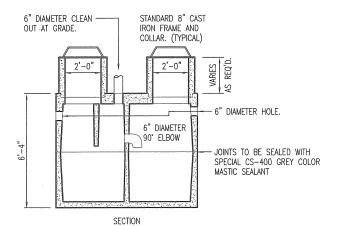
THOMAS

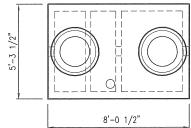
HALL

NUMBER



B EXPANSION JOINT 5 SCALE: 1/2" = 1'-0"





MARION THOMAS HALL

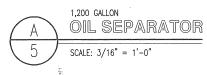
NUMBER

A-2913

PLAN VIEW

1,200 GALLON OIL AND GREASE
INTERCEPTOR STOCK STANDARD NO.
140-00218D. HEAVY DUTY PRECAST
CONCRETE. PH: (573) 384-5855

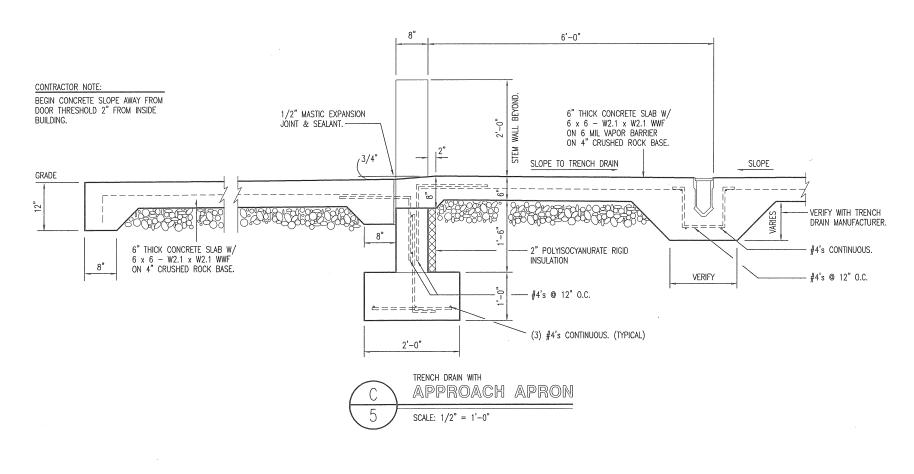
EQUAL TO CHAMPION PRECAST INC.



#### CONCRETE NOTES

- CONCRETE WORK SHALL BE EXECUTED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE (A.C.I.) MANUAL OF CONCRETE PRACTICE.
- FOUNDATION DESIGN IS BASED UPON AN ASSUMED SOIL BEARING CAPACITY OF 2,000 PSF.
   IF WET OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
- IF CONDITIONS REQUIRING ROCK EXCAVATION ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
- ALL CONCRETE SHALL BE TYPE 1 CEMENT WITH A COMPRESSIVE STRENGTH OF 4,000 PSI
   28 DAYS AND NOT TO EXCEED 4" SLUMP.
- FOUNDATION PIERS AND FOOTINGS SHALL BEAR A MINIMUM OF 12 INCHES INTO UNDISTURBED SOIL AND 36 INCHES MINIMUM BELOW FINISH GRADE.
- 6. DEFORMED STEEL REINFORCING BARS SHALL BE: #4 AND LARGER ASTM A615 GRADE 60.
- SEE SPECIFICATION SECTION 03300 CONCRETE FOR ADDITIONAL INFORMATION.
- 8. CONCRETE EXPOSED TO THE EXTERIOR SHALL RECEIVE AIR ENTRAINMENT 6% +/- 2%.
- PROVIDE CORNER REINFORCING BARS WITH 12" MINIMUM LAP EQUAL IN SIZE AND GRADE TO CONNECTING BARS.

- 10. EXTERIOR CONCRETE FLATWORK SHALL HAVE A LIGHT BROOM FINISH.
- 11. COORDINATE WORK OF OTHER TRADES REQUIRED TO BE INSTALLED IN, UNDER, OR-THROUGH CONCRETE PRIOR TO PLACEMENT OF CONCRETE. INSTALL ALL ANCHORAGES AND SLEEVES REQUIRED FOR THE INSTALLATION OF WORK BY OTHER TRADES.
- 12. ENTIRE PERIMETER OF BUILDING TO RECEIVE 2" POLYISOCYANURATE RIGID INSULATION BOARD.
- SAWED CONTROL JOINTS SHALL BE CLEANED FREE OF ALL DEBRIS AND FILLED WITH SEALANT. SEE SECTION 0.7900
- 14. ALL EXPOSED INTERIOR CONCRETE FLOORS SHALL RECEIVE A CURING/SEALING FINISH PER SPECIFICATION SECTION 03346
- 15. COPPER PIPING RUN THROUGH CONCREȚE WORK SHALL BE RUN THROUGH PVC SLEEVES.
- 16. PROVIDE PRECAST TRENCH DRAIN & CATCH BASIN AS SPECIFIED. INSTALL AS RECOMMENDED BY THE MANUFACTURER. ACTUAL CONSTRUCTION AND INSTALLATION MAY REQUIRE SOME FIELD MODIFICATIONS. ANY DEVIATION FROM THE DRAWINGS AND SPECIFICATIONS SHALL HAVE PRIOR APPROVAL FROM THE ARCHITECT OR BUILDING INSPECTOR.
- 17. ALL CONCRETE STEM WALLS TO MONOLITHICALLY POURED.



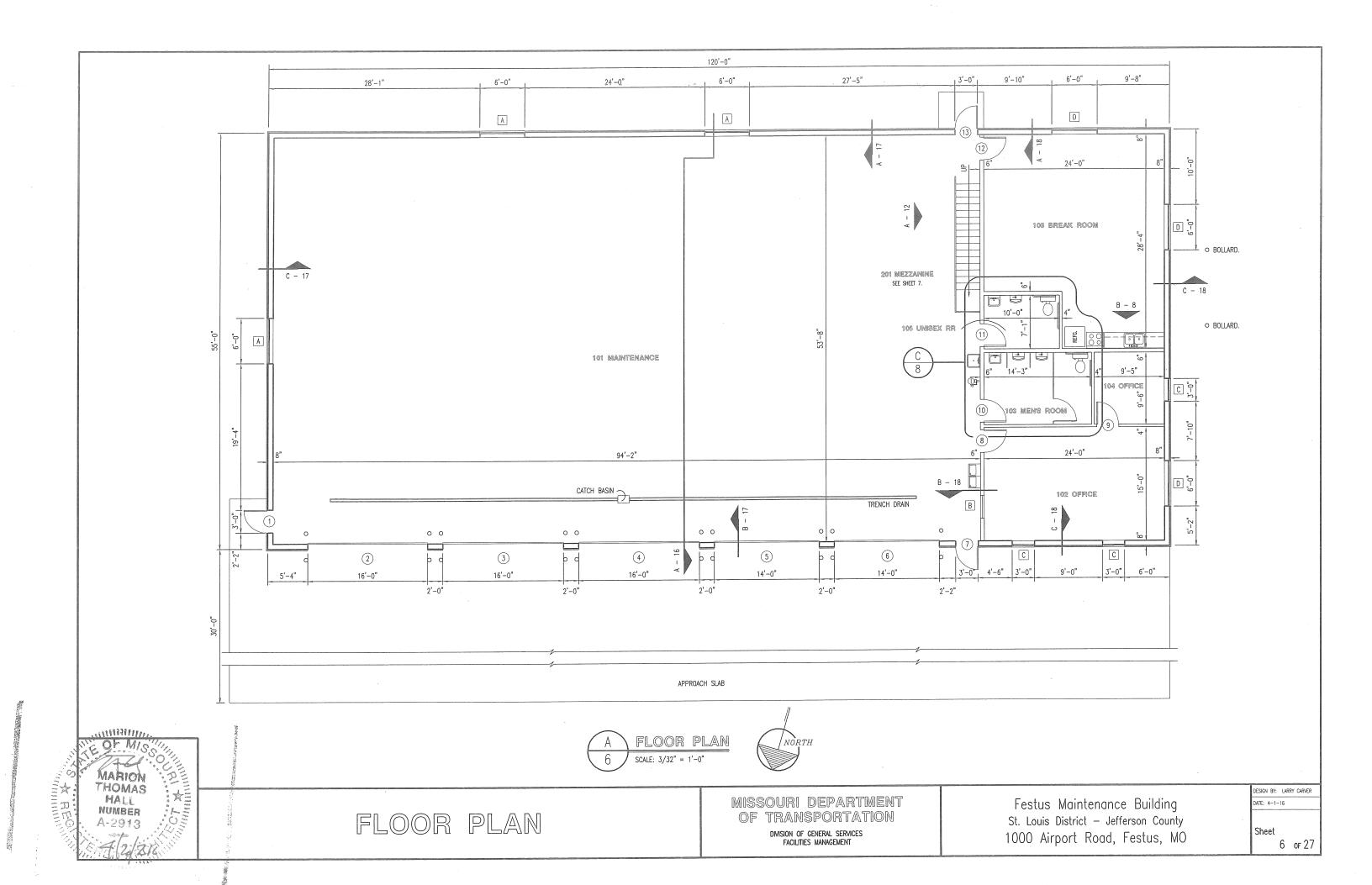
FOUNDATION DETAILS

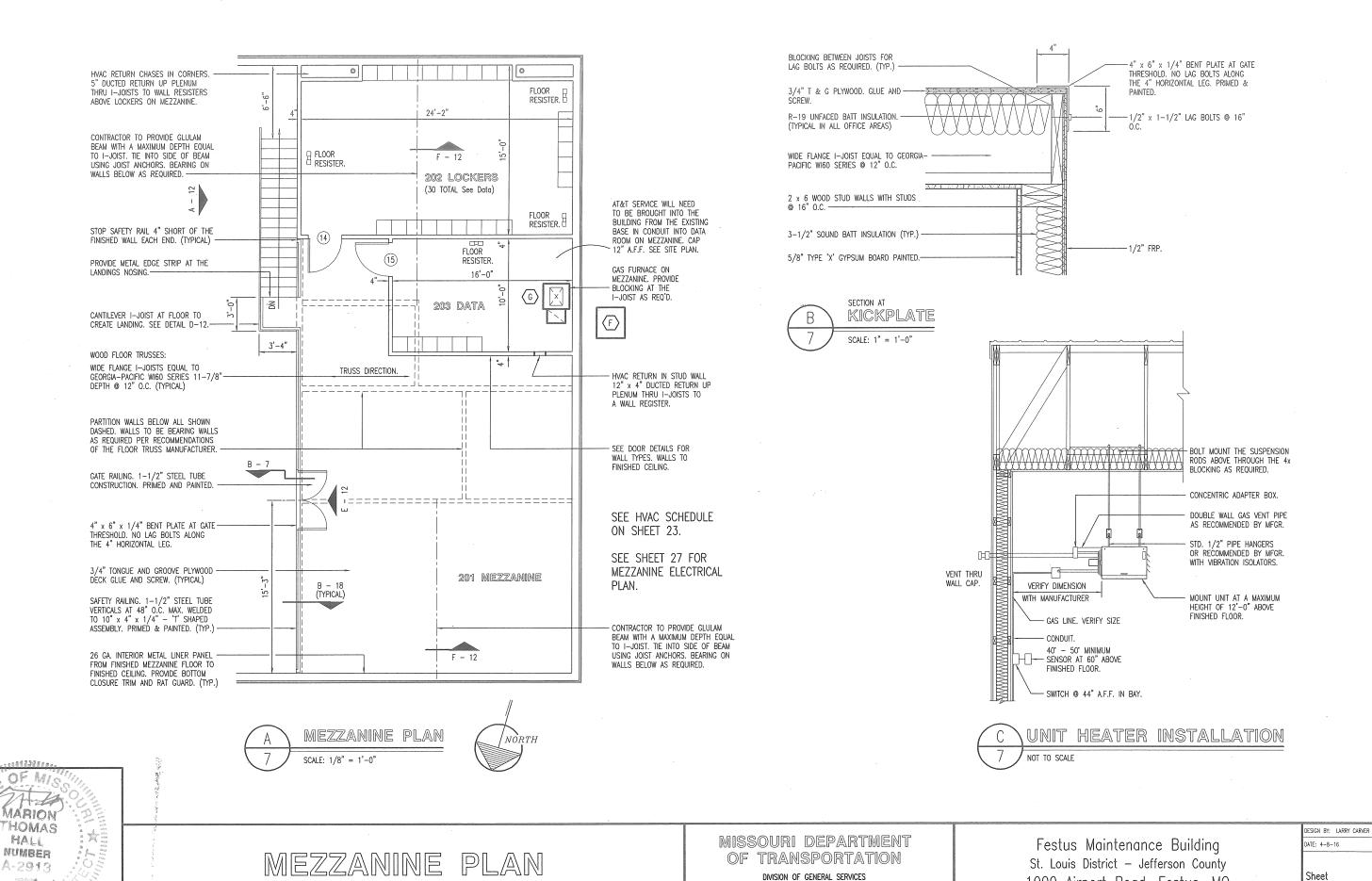
MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 3-18-16

Sheet



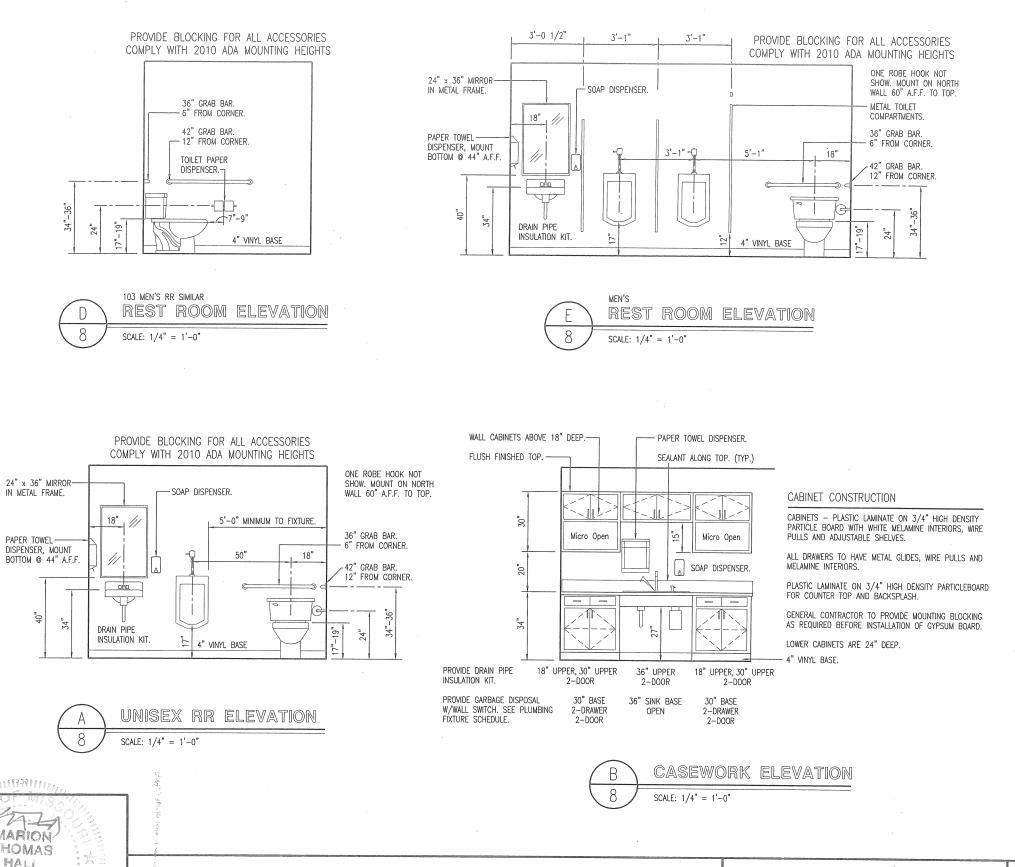


FACILITIES MANAGEMENT

1000 Airport Road, Festus, MO

7 of 27

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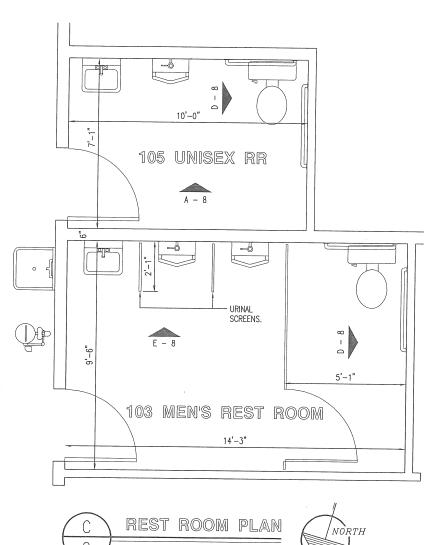
REST ROOM PLAN

,,,118FF9777,

MARION 'HOMAS HALL

NUMBER

A-2913



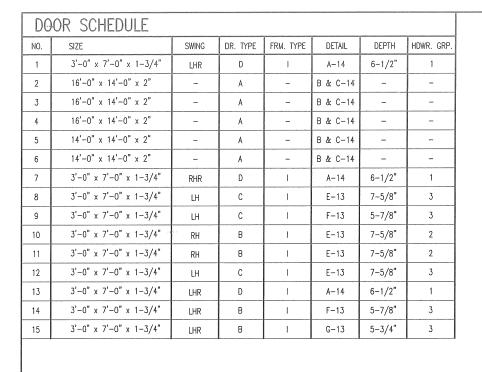
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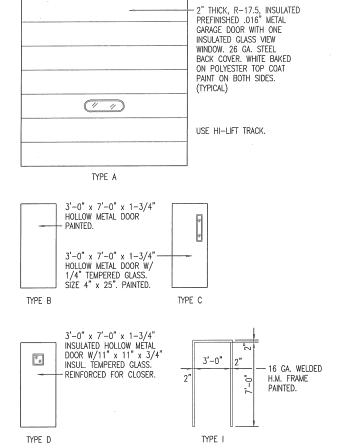
> DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District - Jefferson County 1000 Airport Road, Festus, MO

DESIGN BY: LARRY CARVER DATE: 4-8-16

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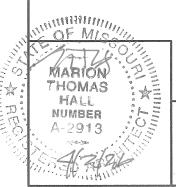


| FIN | NISH SCHEDULE         |                     |                                 |                           |  |                    |                     |          |                 |           |   |      |                           |   |
|-----|-----------------------|---------------------|---------------------------------|---------------------------|--|--------------------|---------------------|----------|-----------------|-----------|---|------|---------------------------|---|
| NO. | ROOM                  | F                   | LOOR                            |                           |  | WALLS              | 5                   |          |                 |           | BASE                                      |      | CEI                       | LING                                      |
|     |                       | 3/4" T & G PLYWOOD. | CURE AND SEALER<br>ON CONCRETE. | 26 GA. INTERIOR<br>PANELS | 1/2" FRP ON EXTERIOR<br>SIDE OF OFFICE WALL. | 5/8" GYPSUM BOARD. | 5/8" GREEN GYP. BD. | PAINTED. | 1/2" AC PLYWOOD | 4" VINYL. | 4" VINYL ON EXTERIOR SIDE OF OFFICE WALL. | NONE | 26 GA. CEILING<br>PANELS. | ACOUSTICAL CEILING<br>TILE @ 8'-0" A.F.F. |
| 101 | MAINTENANCE           |                     | •                               | •                         | •  |                    |                     |          |                 |           | •   | •    | 0                         |   |
| 102 | OFFICE .              |                     | •                               |                           |  | •                  |                     | •        |                 | •         |   |      |                           | •   |
| 103 | MEN'S REST ROOM       |                     | •                               |                           | -  |                    | •                   | •        |                 | •         |   |      |                           | •   |
| 104 | OFFICE                |                     | •                               |                           |  | •                  |                     | •        |                 | •         |   |      |                           | •   |
| 105 | UNISEX REST ROOM (RR) |                     | •                               |                           |  |                    | •                   | •        |                 | 0         |   |      |                           | •   |
| 106 | BREAK ROOM            |                     | •                               |                           |  | •                  |                     | •        |                 | 0         |   |      |                           | •   |
| 201 | MEZZANINE             | •                   |                                 | •                         |  |                    |                     |          |                 |           |   | •    | •                         |   |
| 202 | LOCKERS               | 0                   |                                 |                           |  | •                  |                     | •        |                 | •         |   |      | •                         |   |
| 203 | DATA                  | •                   |                                 |                           |  |                    |                     | •        | •               | •         |   |      | •                         |   |

| WIN    | DOW SCHE      | DULE                            |  |                     |   |
|--------|---------------|---------------------------------|--|---------------------|---|
| SYMBOL | SIZE          | WINDOW TYPE                     | MFGR. & CATALOG NO.                                  | GLAZING             | REMARKS   |
| А      | 6'-0" x 3'-0" | DOUBLE<br>HORIZONTAL<br>SLIDING | QUAKER 200K SERIES<br>WITH (.028) SECURITY<br>SCREEN | 1/8" DUAL<br>GLAZED | SEE DETAIL A-15.<br>SILL HEIGHT: 4'-0" A.F.F.     |
| В      | 3'-0" x 4'-2" | DOUBLE<br>HORIZONTAL<br>SLIDING | QUAKER 200K SERIES<br>NO SECURITY SCREEN             | 1/8" DUAL<br>GLAZED | SEE DETAILS C & D-13.<br>SILL HEIGHT: 34" A.F.F.  |
| С      | 3'-0" x 3'-0" | DOUBLE<br>HORIZONTAL<br>SLIDING | QUAKER 200K SERIES<br>WITH (.028) SECURITY<br>SCREEN | 1/8" DUAL<br>GLAZED | SEE DETAIL A & B-13.<br>SILL HEIGHT: 4'-0" A.F.F. |
| D      | 6'-0" x 3'-0" | DOUBLE<br>HORIZONTAL<br>SLIDING | QUAKER 200K SERIES<br>WITH (.028) SECURITY<br>SCREEN | 1/8" DUAL<br>GLAZED | SEE DETAIL A & B-13<br>SILL HEIGHT: 4'-0" A.F.F.  |

#### GENERAL NOTES:

CONTRACTOR TO FURNISH ALL NECESSARY FLASHING AND TRIM TO PROVIDE A NEAT, WEATHERPROOF FIT AT ALL DOORS, COLUMNS AND ANY LOCATION WHERE THE METAL PANELS MAY BE CUT.



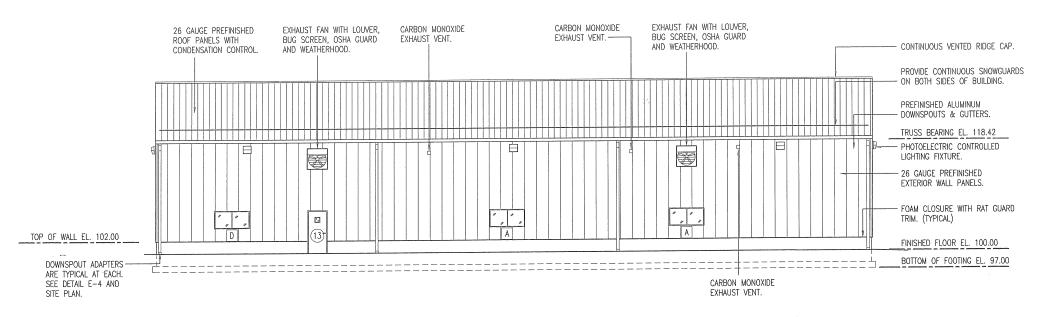
MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 3-4-16

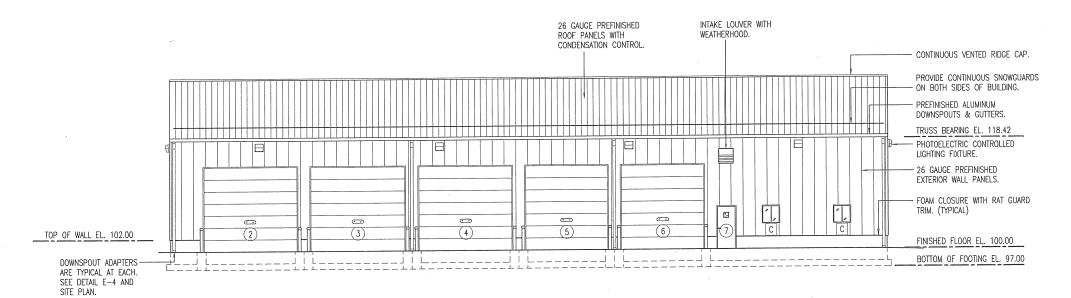
Sheet

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SCHEDULES



B SOUTH ELEVATION
10 SCALE: 1/16" = 1'-0"



A NORTH ELEVATION

10 SCALE: 1/16" = 1'-0"

MARION THOMAS HALL NUMBER A 2913

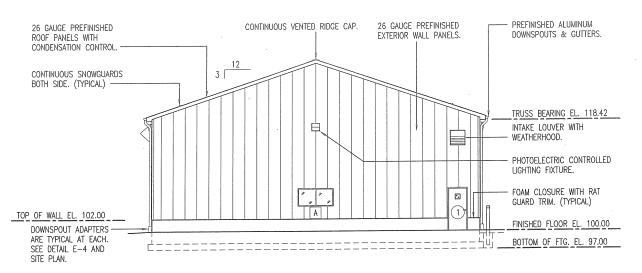
NORTH & SOUTH ELEVATIONS

MISSOURI DEPARTMENT OF TRANSPORTATION

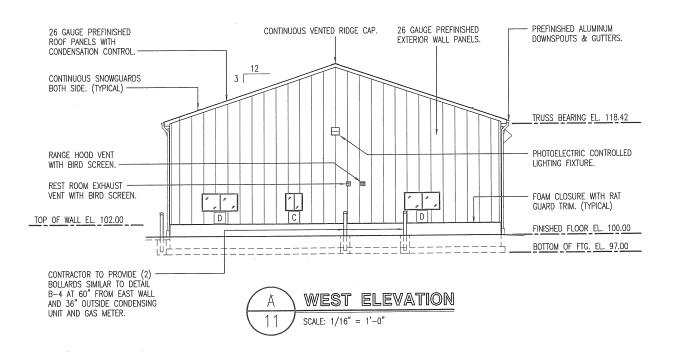
DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 3-4-16

Sheet







MARION THOMAS HALL NUMBER A 2913

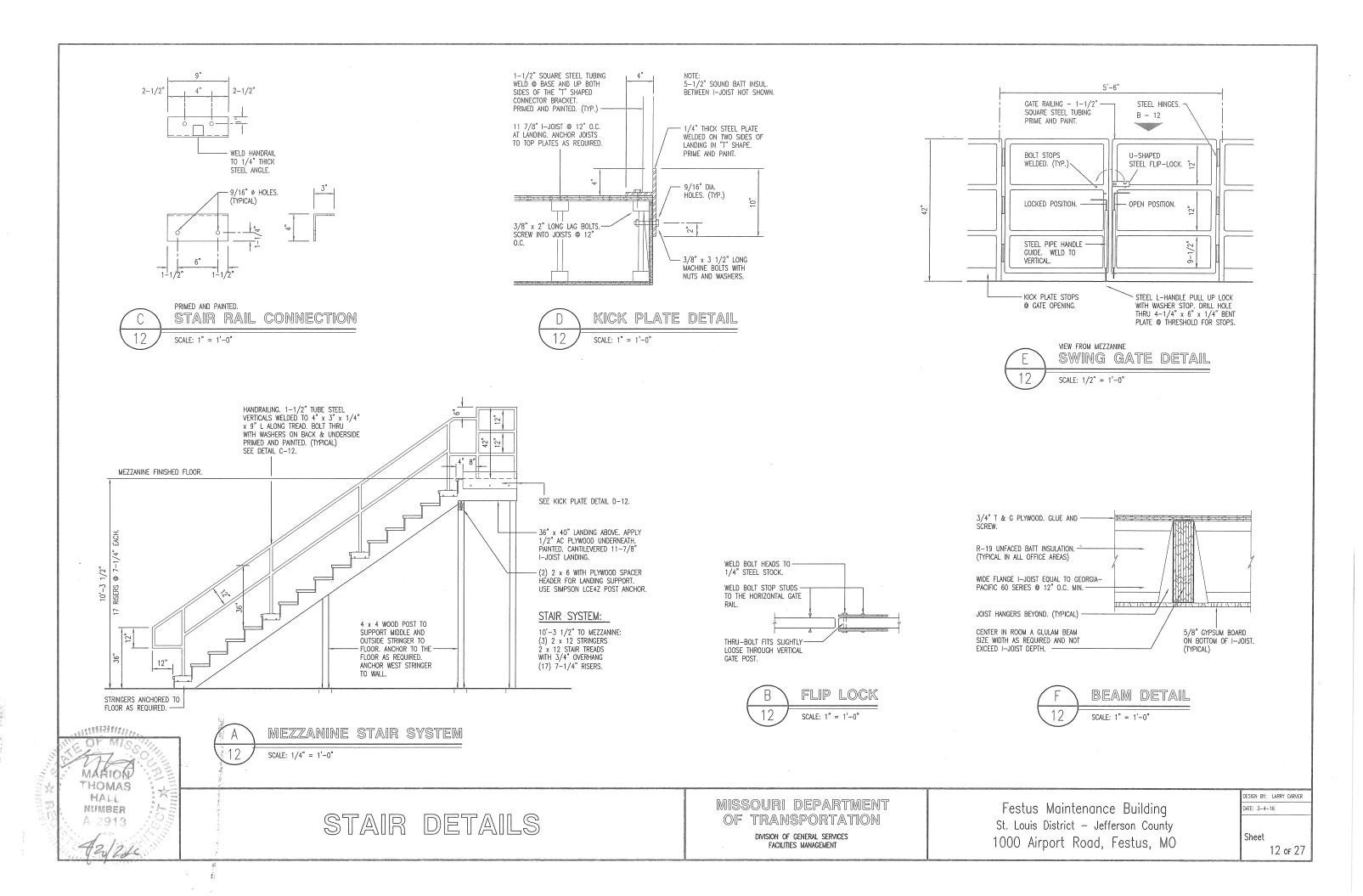
EAST & WEST ELEVATIONS

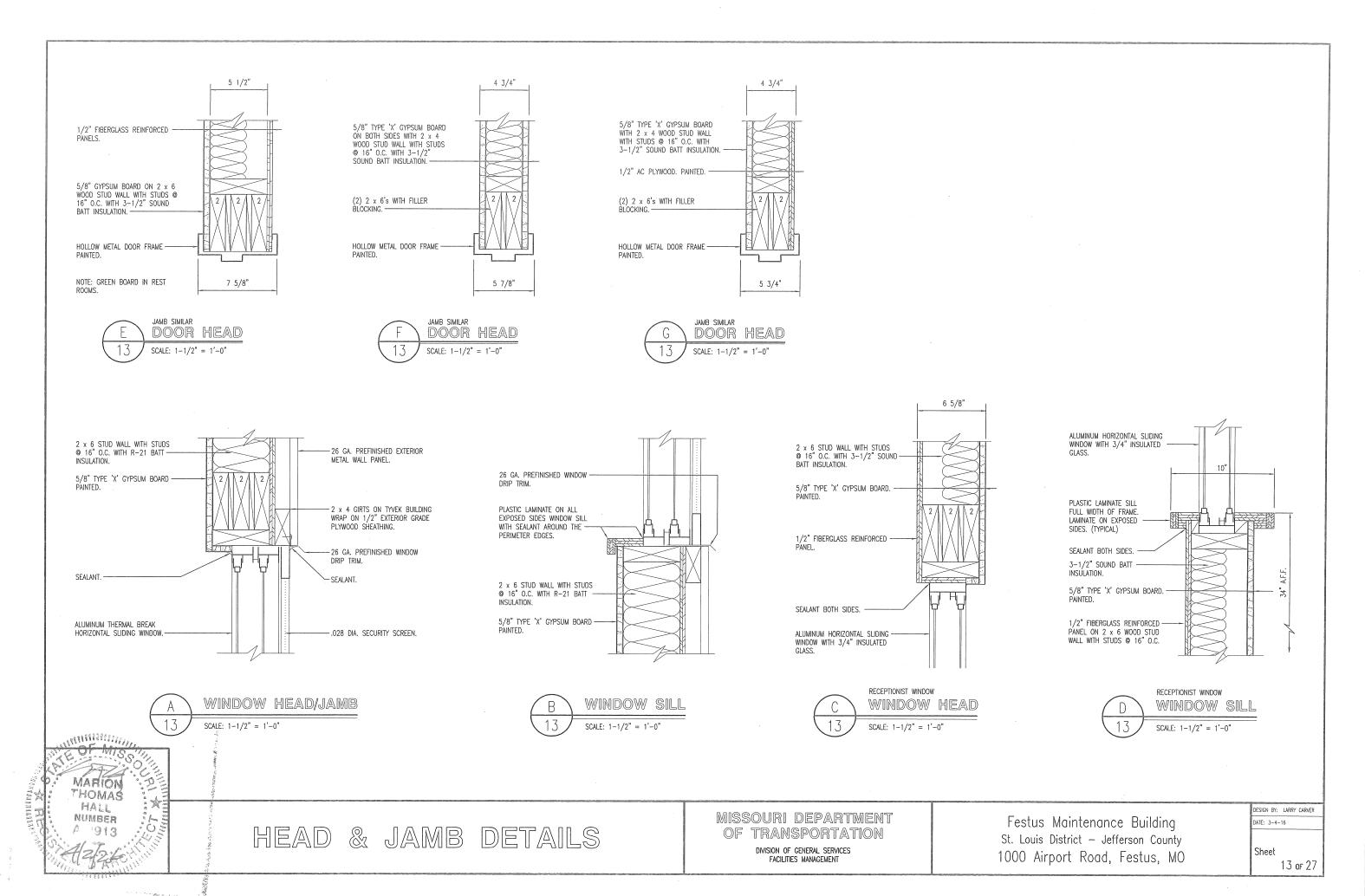
MISSOURI DEPARTMENT OF TRANSPORTATION

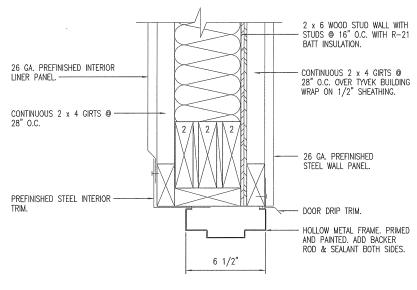
DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER

DATE: 4-15-16

Sheet

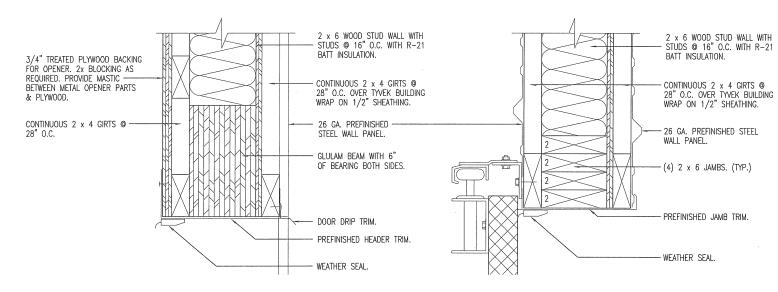






A DOOR HEADER/JAMB

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



B GARAGE DOOR HEAD

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

C GARAGE DOOR JAMB

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



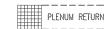
HEAD & JAMB DETAILS

MISSOURI DEPARTMENT OF TRANSPORTATION

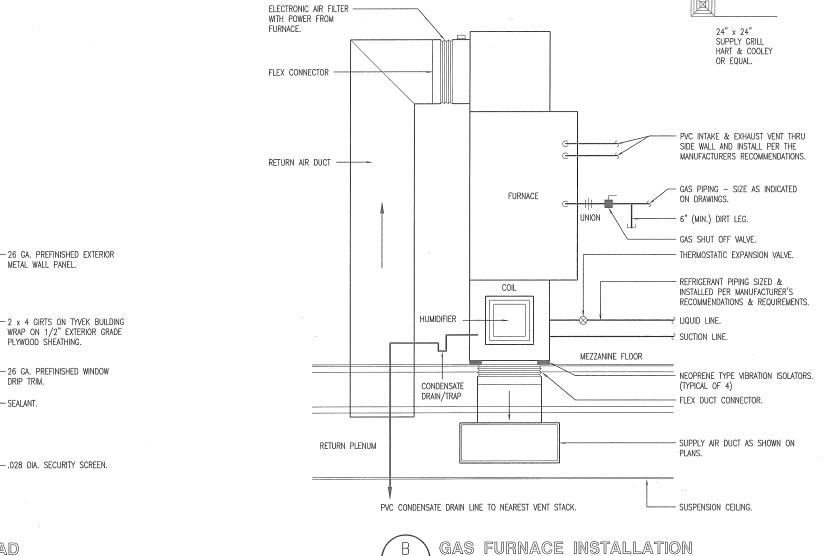
DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 4-8-16

Sheet



24" x 24" RETURN GRILL HART & COOLEY



NOT TO SCALE

JAMB & SILL SIMILAR WINDOW HEAD

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

26 GA. PREFINISHED INTERIOR LINER PANEL.

26 GA. PREFINISHED

ALUMINUM THERMAL BREAK HORIZONTAL SLIDING WINDOW.

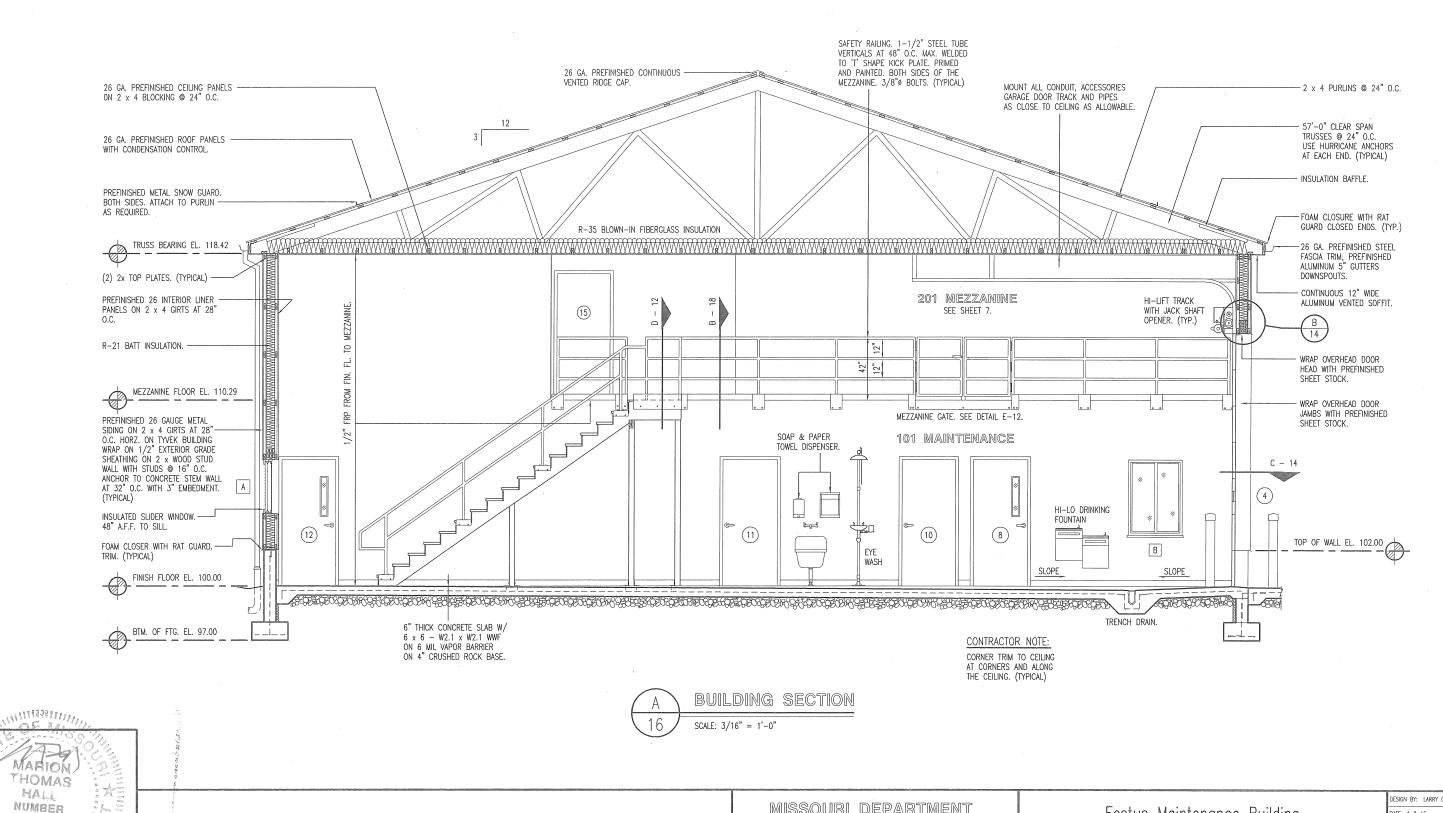


HEAD & JAMB DETAILS

MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 4-8-16

Sheet



BUILDING SECTION

MISSOURI DEPARTMENT OF TRANSPORTATION

> DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District - Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER DATE: 4-8-16

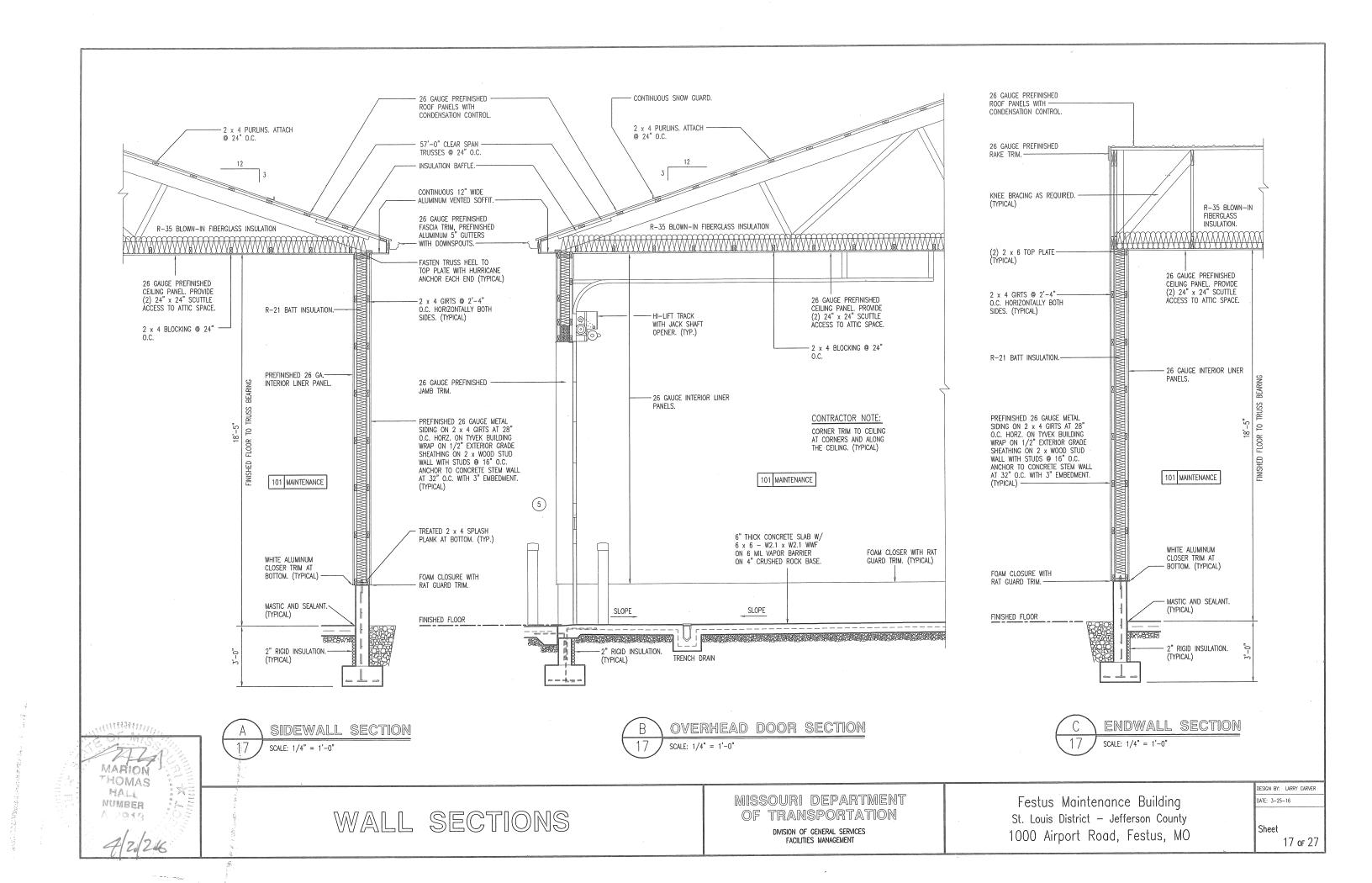
Sheet

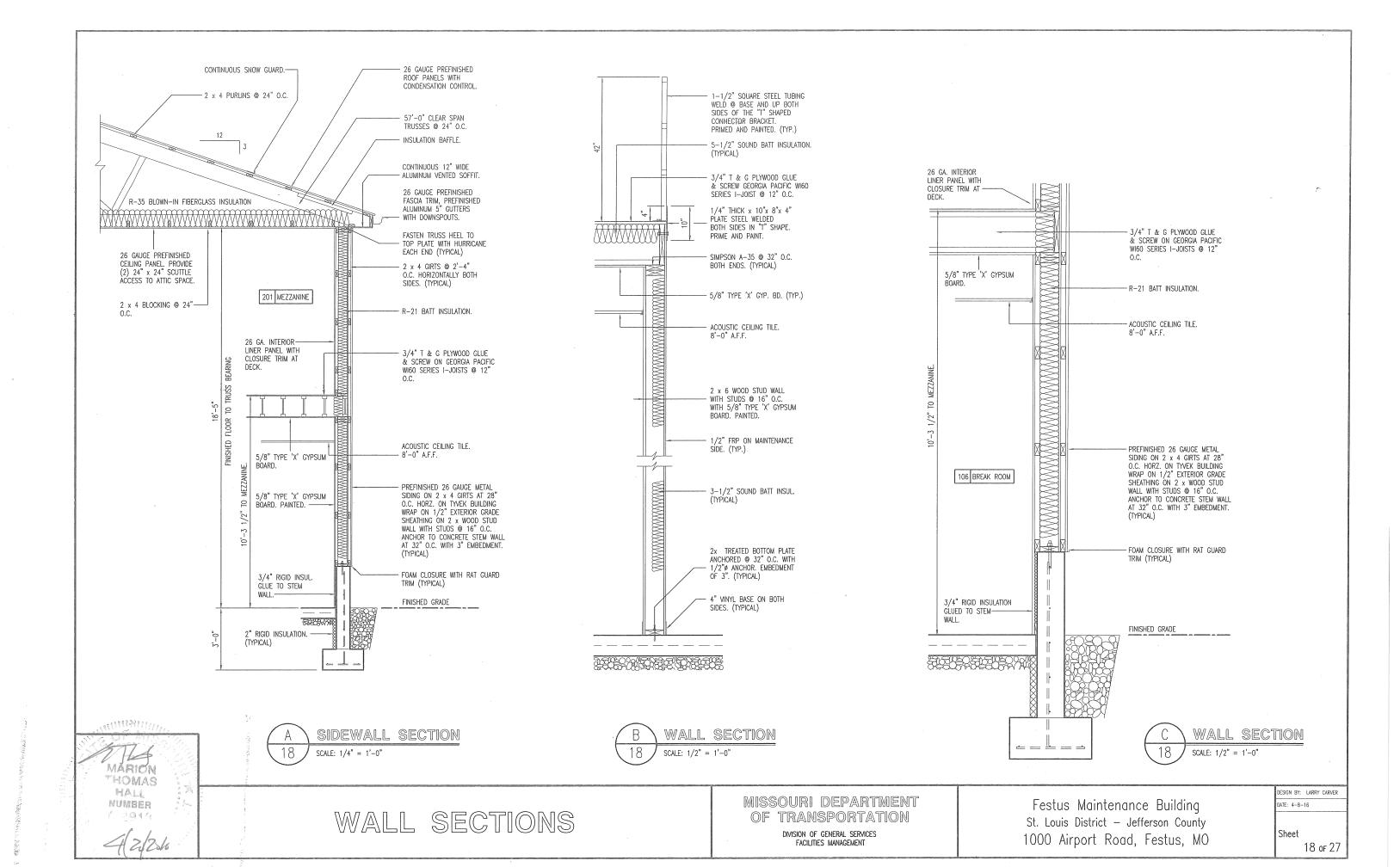
16 of 27

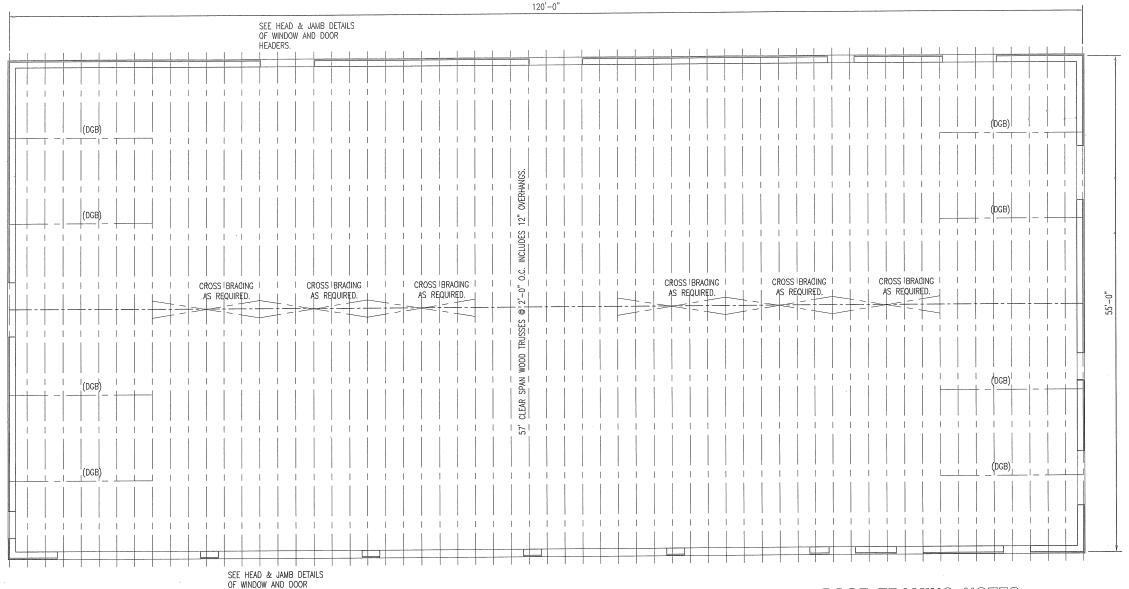
THOMAS HALL

NUMBER

A-2913







ROOF FRAMING PLAN

SCALE: 3/32" = 1'-0"

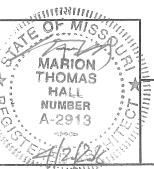


# ROOF FRAMING NOTES

1. DESIGN LOADING FOR ROOF TRUSSES SHALL MEET THE FOLLOWING CRITERIA:

ROOF LIVE LOAD 25 PSF
ROOF DEAD LOAD 4 PSF
BOTTOM CORD DEAD LOAD 5 PSF
EARTHQUAKE 20NE 1, LATEST EDITION IBC 90 MPH, EXPOSURE B WIND L/360 24" O.C. MAXIMUM DEFLECTION

- 2. TRUSS DESIGN SUBMITTALS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MISSOURI.
- 3. ROOF TRUSSES AND RAFTERS SHALL BE ANCHORED TO THE TOP PLATE OF LOAD BEARING WALLS WITH SEISMIC AND HURRICANE ANCHORS EQUAL TO SIMPSON STRONG-TIE LUS24Z ANCHORS.



ROOF FRAMING PLAN

HEADERS.

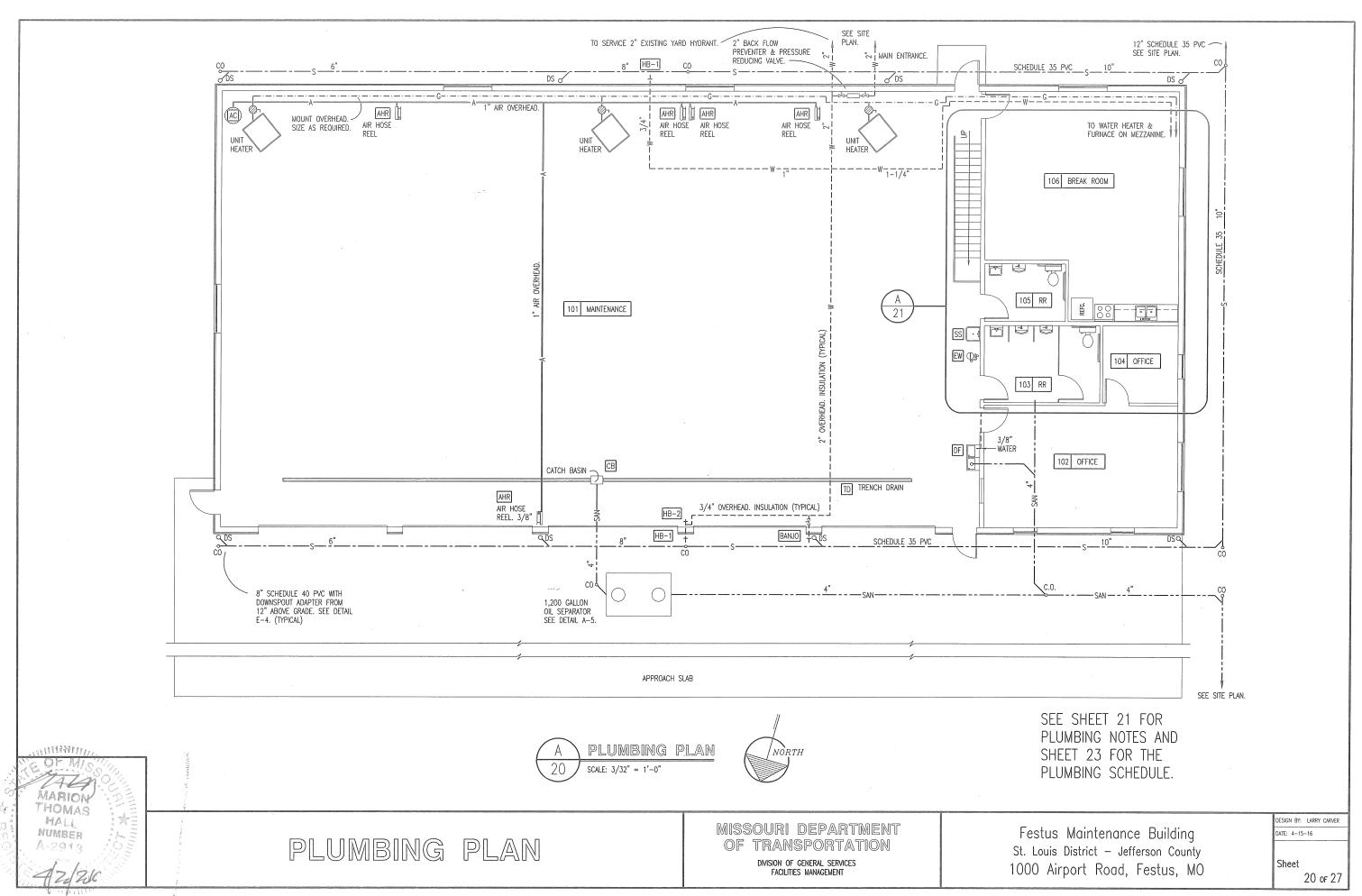
MISSOURI DEPARTMENT OF TRANSPORTATION

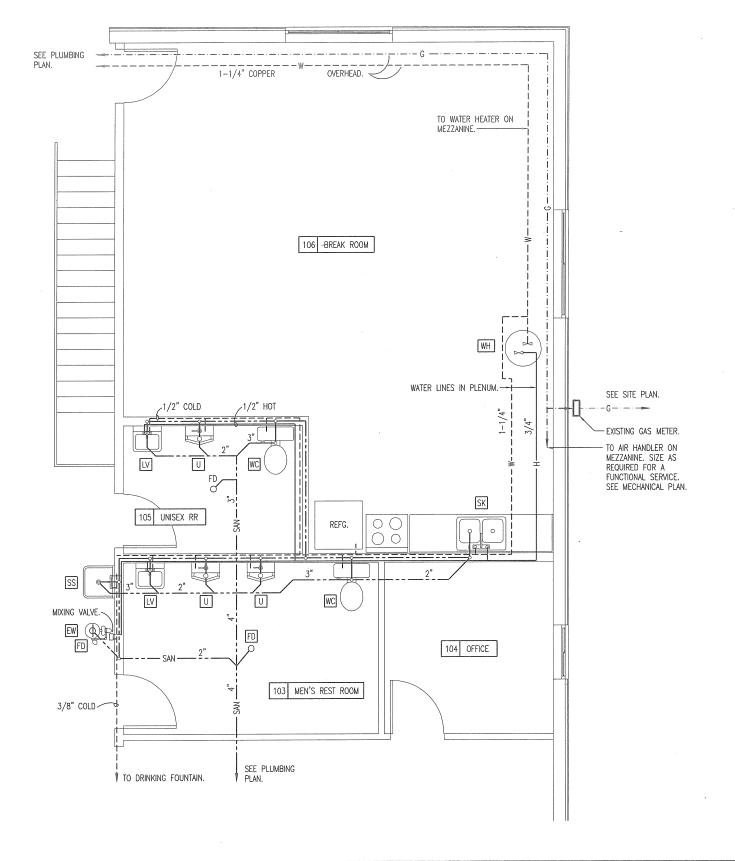
DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District - Jefferson County 1000 Airport Road, Festus, MO

DATE: 4-8-16

Sheet





#### PLUMBING NOTES

- DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- PLUMBING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE.
- PLUMBING SHALL BE LOCATED AND PLACED UNDER THE SLAB PRIOR TO POURING OF CONCRETE. PIPING SHALL BE RUN IN SAND FILLED TRENCH UNDER THE BASE ROCK AND SLEEVED WITH PVC WHENEVER RUN THROUGH CONCRETE.
- 4. PROVIDE PLUMBING EQUIPMENT AND ACCESSORIES REQUIRED FOR COMPLETE AND OPERATIONAL PLUMBING SYSTEMS AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS FOR SYSTEMS SPECIFIED.
- 5. PLUMBING VENTS ARE NOT SHOWN ON THE PLANS. INSTALL AS CLOSE AS POSSIBLE TO OUTSIDE WALLS. ALL FIXTURES SHALL BE PROPERLY VENTED AS PER IBC PLUMBING CODE.
- 6. ROOF VENTS SHALL BE COMBINED WHEREVER IN COMPLIANCE WITH THE NATIONAL PLUMBING CODE TO MINIMIZE ROOF PENETRATIONS.
- 7. PROVIDE SHUT OFF VALVES AT EACH FIXTURE.
- 8. PROVIDE SHOCK ABSORBERS AS REQUIRED AT EACH FAUCET.
- 9. SEE MECHANICAL PLAN FOR GAS PIPING AND MECHANICAL REQUIREMENTS.
- 10. CONTRACTOR TO PROVIDE CAST IRON VENT PIPING IN PLENUM AS REQUIRED BY CODE. SECURE AS REQUIRED.
- 11. EXTERIOR BELOW GROUND WATER DISTRIBUTION PIPING SHALL RUN A MINIMUM OF 36" BELOW FINISH GRADE.
- 12. CONTRACTOR TO PROVIDE 2" BACK FLOW PREVENTER & PRESSURE REDUCING VALVE IN 101 MAINTENANCE AS REQUIRED.
- 13. PROVIDE BLOCKING TO ALL FIXTURES AS REQUIRED FOR A SECURE APPLICATION.
- 14. PROVIDE 3/8" COPPER WATER LINE TO REFRIGERATOR WITH SHUT-OFF AS REQ'D.
  FOR THE REFRIGERATOR'S ICE MAKER. SHUT-OFF TO BE INSIDE WALL COVERED
  BY KARP BRAND 8" x 8" HANDI-ACCESS PLASTIC ACCESS PANEL. WATER LINE
  TO BE THROUGH FINISHED WALL WITH CHROME ESCUTCHEON.
- 15. PROVIDE CONDENSATION DRAIN LINES FOR AIR HANDLER AND THE WATER HEATER PAN AS REQUIRED FOR A FUNCTIONAL SERVICE.

SEE SHEET 23 FOR PLUMBING SCHEDULE.

#### LEGEND

| NATURAL GAS    |                  |
|----------------|------------------|
| HOT WATER      | H                |
| WATER          | w                |
| SANITARY SEWER | ————— SAN —————— |
| CLEANOUT       | C.O. —           |
| GAS VALVE      | г                |
|                |                  |

REST ROOM PLUMBING PLAN

REST ROOM

WHITE STATE

MARION THOMAS HALL

NUMBER

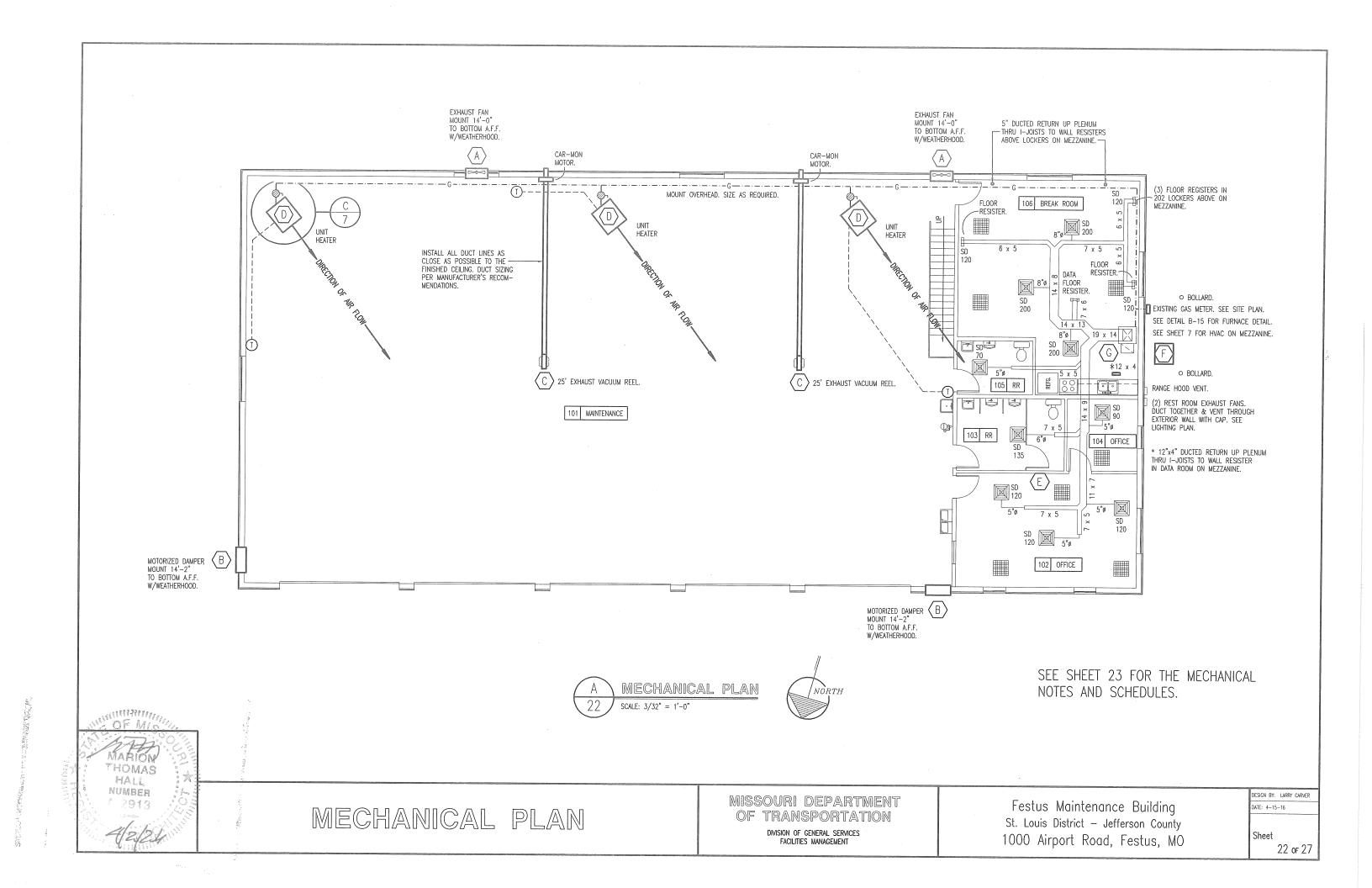
PLUMBING PLAN

MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 4-8-16

Sheet



| P     | LUMBIN                | G S    | CHE  | DULE   |        |   |
|-------|-----------------------|--------|------|--------|--------|---|
|       |                       | PIP    | E CO | NNECT  | ION    |   |
| SYM.  | FIXTURE               | CW     | HW   | S&W    | VENT   | REMARKS   |
| WC    | WATER<br>CLOSET       | 1/2"   |      | 3"     | 2"     | EQUAL TO AMERICAN STANDARD #2467.016 FLOOR MOUNT. PRESSURE ASSISTED, 1.6 GPF/6.0 LPF, ELONGATED WATER-SAVER "CADET RIGHT HEIGHT" WATER CLOSET. 16-1/2" HIGH TO RIM. INCLUDE OPEN FRONT SEAT WITH LID. (WHITE)   |
| U     | URINAL                | 3/4"   |      | 1-1/2" | 1-1/2" | EQUAL TO AMERICAN STANDARD #6601.021 "LYNBROOK" 1.0<br>GALLON URINAL WITH SLOAN ROYAL 180-1 FLUSH VALVE.  |
| LV    | LAVATORY              | 1/2"   | 1/2" | 2"     | 2" .   | EQUAL TO AMERICAN STANDARD #4867.024, 20" x 18" ENAMELED, CAST IRON "REGALYN" WALL MOUNT LAVATORY WITH 4" CENTERSET SYMMONS SYMMETRIX S-20-2-BH SINGLE LEVER LAVATORY FAUCET. INCLUDE AN ADA APPROVED INSULATION KIT.   |
| SS    | SERVICE<br>SINK       | 1/2"   | 1/2" | 3"     | 2"     | EQUAL TO KOHLER, K-6718, 22.25" x 18.25" ENAMELED,<br>CAST IRON "BANNON" SERVICE SINK WITH CLEARWATER, K-7853<br>LEVER HANDLE FAUCET, AND K-6673-NA, P-TRAP.  |
| EW    | EMERGENCY<br>EYE WASH | 1-1/4" | 3/4" | 2"     | 2"     | EQUAL TO BRADLEY "MODEL S19-310" DRENCH SHOWER/EYE WASH UNIT SAFETY YELLOW. S19-2100 THERMOSTATIC MIXING VALVE.   |
| WH    | WATER<br>HEATER       | 3/4"   | 3/4" |        |        | A.O. SMITH MODEL NUMBER EES-30 (2) 4500 WATT, 240 VOLT<br>ELEMENTS, 30 GALLON ELECTRIC WITH PRESSURE RELIEF VALVE<br>OR EQUAL. MOUNT ON MEZZANINE WITH DRAIN PAN.   |
| HB-1  | HOSE BIBB             | 3/4"   |      |        |        | EXTERIOR — EQUAL TO WOODFORD MODEL 67 FREEZLESS WALL HYDRANT WITH 3/4" H.P.T. OUTLET, INTEGRAL VACUUM BREAKER—BACK FLOW PREVENTER.  |
| HB-2  | HOSE BIBB             | 3/4"   |      |        |        | INTERIOR – EQUAL TO WOODFORD MODEL 26 WALL FAUCET WITH 3/4" H.P.T. OUTLET, INTEGRAL VACUUM BREAKER-BACKFLOW PREVENTER.  |
| FD    | FLOOR<br>DRAIN        |        |      | 2"     |        | PVC FLOOR DRAIN WITH P-TRAP, 6-1/2" DIA. NICKLE-BRONZE<br>STRAINER, 2" FIP THREADED THROAT-BALL BACKWATER DEVICE.<br>1-1/2" PRE-INSTALLED FIP CLEAN-OUT THREADS.  |
| CO    | CLEAN OUT             |        |      |        |        | BRASS WITH ADAPTER AND CAP EQUAL TO PIPE SIZE SHOWN.  |
| AC    | AIR<br>COMPRESSOR     |        |      |        |        | EQUAL TO INGERSOLL-RAND MODEL #2340, 28A, 5 HP, 60 GALLON VERTICAL, 2-STAGE. PROVIDE RUBBERIZED WASHERS AT EACH FLOOR MOUNT TO ACT AS A SHOCK ABSORBER. SIZE MOUNT AS REQUIRED. PROVIDE LINE FILTERS AS REQUIRED. 30A BREAKER.                                      |
| SK    | SINK                  | 1/2"   | 1/2" | 2"     | 2"     | EQUAL TO AMERICAN STANDARD # 24DB.332284.290 DOUBLE BOWL<br>ADA SINK WITH STANDARD 4 HOLE PATTERN AND QUINCE FAUCET<br>#4433.001 CHROME SPOUT, SWIVEL AERATOR AND SPRAYER.<br>PROVIDE INSINKERATOR BADGER 5, 1/2 HP, 6.3 AMP, GARBAGE<br>DISPOSAL WITH WALL SWITCH. |
| TD    | TRENCH<br>DRAIN       |        |      | 4"     |        | EQUAL TO ACO K100 CHANNEL SLOPE TRENCH DRAIN SYSTEM WITH TYPE 461Q DUCTILE QUICKLOC CAST IRON GRATE.  |
| СВ    | CATCH<br>BASIN        |        |      | 4"     |        | EQUAL TO ACO K620 CATCH BASIN, WITH PLASTIC TRASH BUCKET WITH TYPE 861Q CAST IRON GRATE FOR LID.  |
| DF    | DRINKING<br>FOUNTAIN  | 3/8"   |      | 1-1/4" |        | ELKAY, TWO STATION WALL MOUNT BARRIER-FREE MODEL VRCGRNTL8C OR EQUAL.   |
| os    | OIL<br>SEPARATOR      |        |      | 4"     |        | EQUAL TO CHAMPION PRECAST INC. 1,200 GALLON OIL & GREASE INTERCEPTOR STOCK STANDARD NO. 140-00218D. HEAVY DUTY PRECAST CONCRETE. STANDARD 8" CAST IRON FRAME, LID AND COLLAR. PH: (573)384-5855.  |
| AHR   | AIR HOSE<br>REEL      |        |      |        |        | EQUAL TO REELCRAFT 7850 OLP 57 300 LOW PRESSURE HEAVY DUTY ALL STEEL CONSTRUCTION WITH ONE PIECE WRAP AROUND GUIDE ARM. (1) TO HAVE 1" DISCONNECT AND (4) TO HAVE 3/8" DISCONNECT. VERIFY LOCATION. WALL MOUNT 7'-0" A.F.F.   |
| BANJO | HOSE BIBB             | 2"     |      |        |        | EXTERIOR — EQUAL TO BANJO 2", 200F POLYPROPYLENE CAM<br>& GROOVE X NPT MALE. ADD SHUT—OFF INSIDE BUILDING.<br>MOUNT BOTH 48" A.F.F.   |

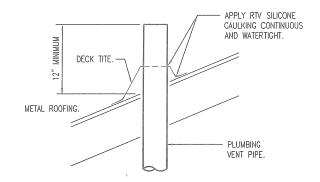
HALL

NUMBER

### MECHANICAL NOTES

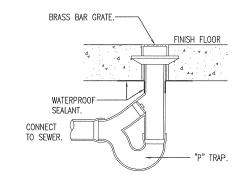
- 1. DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- 2. MECHANICAL WORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE IBC MECHANICAL CODE.
- 3. PROVIDE EQUIPMENT AND APPURTENANCES NOT NECESSARILY SHOWN OR SPECIFIED BUT NEEDED FOR COMPLETE AND PROPER INSTALLATION.
- 4. ALL EQUIPMENT AND MATERIALS, IN PARTICULAR VALVES, FILTERS, MOTORS, AND CONTROLS SHALL BE ARRANGED TO PROVIDE PROPER CLEARANCE FOR SERVICE, MAINTENANCE AND INSPECTION.
- 5. MECHANICAL SUBCONTRACTOR SHALL FULLY COORDINATE ALL WORK WITH PLUMBING AND ELECTRICAL WORKERS PRIOR TO COMMENCING OF THE MECHANICAL INSTALLATION.
- 6. PROVIDE BLOCKING TO HVAC DEVICES AS REQUIRED FOR A SECURE
- 7. MECHANICAL CONTRACTOR TO PROVIDE ALL DEVICES REQUIRED FOR A
- 8. AIR HANDLER TO HAVE BUILT-IN HUMIDIFIER AND ELECTRONIC AIR FILTER. WATER TO HUMIDIFIER WITH DRAINAGE AS REQUIRED FOR A FUNCTIONAL

| HV                           | AC SCHEDUL  | E   |            |                              |         |   |
|------------------------------|---|---|------------|------------------------------|---------|---|
| SYM.                         | UNIT  | MANUFACTURER  | BTU OUTPUT | FUEL                         | VOLTAGE | REMARKS   |
| $\bigcirc$                   | 36" X 36" SHUTTER<br>MOUNT EXHAUST FAN<br>W/WEATHERHOOD | DAYTON 1HLB6 &<br>1WBW2 OR EQUAL<br>6.4 AMPS          | 6,480 CFM  | ELECTRIC                     | 120     | COMMERCIAL TYPE BELT DRIVE<br>WALL EXHAUST FAN INCLUDING<br>OSHA GUARD AND SHUTTER.                                     |
| $\langle \mathbb{B} \rangle$ | MOTORIZED<br>DAMPER WITH<br>WEATHERHOOD                 | DAYTON MODEL<br>3C728 & 1WBW1<br>OR EQUAL .37 AMPS    |            | ELECTRIC                     | 115     | 30" MEDIUM GRADE, MOTORIZED, GALVANIZED<br>STEEL DAMPER WITH 1HP MOTOR. WIRE TO<br>OPEN WHEN EXHAUST FAN IS TURNED ON.  |
| (C)                          | CARBON MONOXIDE<br>EXHAUST SYSTEM                       | CAR-MON MODELS<br>TSR-S32, 6" REEL,<br>CMW-9 OR EQUAL |            | ELECTRIC                     | 115     | INCLUDES HOSE, DIRECT DRIVE FLANGE<br>MOUNTED EXHAUST FAN, DUCTING, EXTERIOR<br>WALL HOOD, 3/4 HP MOTOR, 13.8 AMP.      |
|                              | GAS FIRED UNIT<br>HEATER                                | REZNOR MODEL<br>UDAP 100<br>OR EQUAL                  | 87,150     | NATURAL<br>GAS &<br>ELECTRIC | 115     | SINGLE BURNER COMBUSTION, 3.9 AMPS,<br>DITECT SPARK IGNITION, 100% LOCK-OUT &<br>CL-1 STANDARD HEATING ONLY THERMOSTAT. |
| Œ                            | THERMOSTAT<br>TCONT802AS32DA                            | TRANE<br>OR EQUAL                                     |            |                              |         | 7 DAY PROGRAMMABLE.   |
| (E)                          | CONDENSING<br>UNIT                                      | TRANE MODEL<br>4TTR6024B1000A<br>OR EQUAL             | 24,000     | ELECTRIC                     | 208/230 | 3-TON, PURON 208/1-PHASE. 16 SEER<br>RATED LOAD AMPS 10.9, 25A BREAKER  |
| G                            | GAS FURNACE/<br>FORCED AIR                              | TRANE MODEL<br>TUH1B060A9361A<br>OR EQUAL             | 60,000     | GAS/<br>ELECTRIC             | 120     | COOLING COIL-4TXCB025BC3HCB<br>3" COMBINED TERMINATION KIT.<br>BAYAIR30AVENTA - 5.2 AMPS, 15A BREAKER                   |



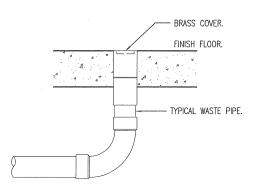
#### VENT THROUGH ROOF DETAIL

SCALE: NONE



## FLOOR DRAIN DETAIL

SCALE: NONE



# FLOOR CLEANOUT DETAIL

SCALE: NONE



## PLUMBING & MECHANICAL NOTES

SCALE: NONE

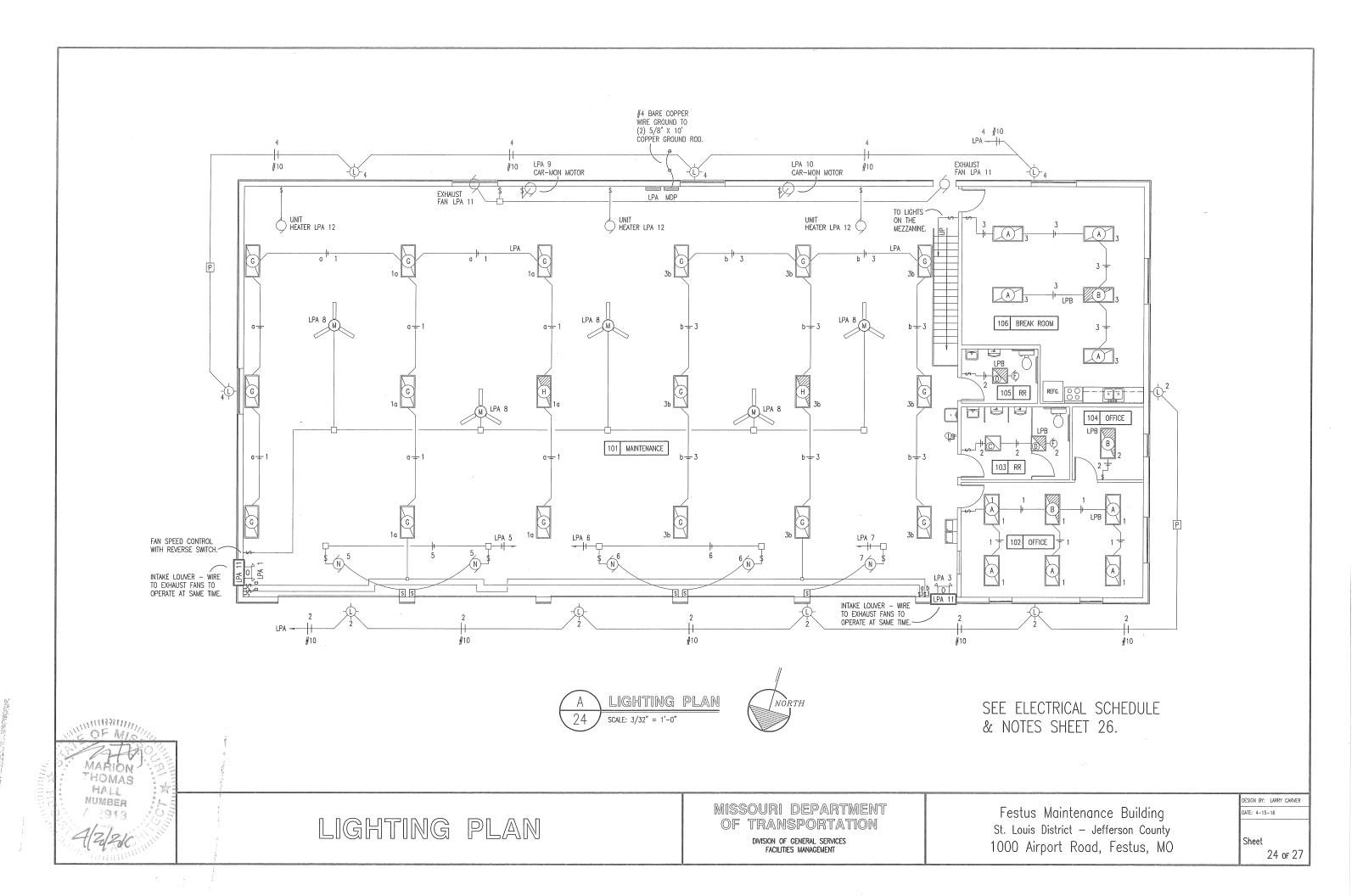
Plumbing & Mechanical Notes

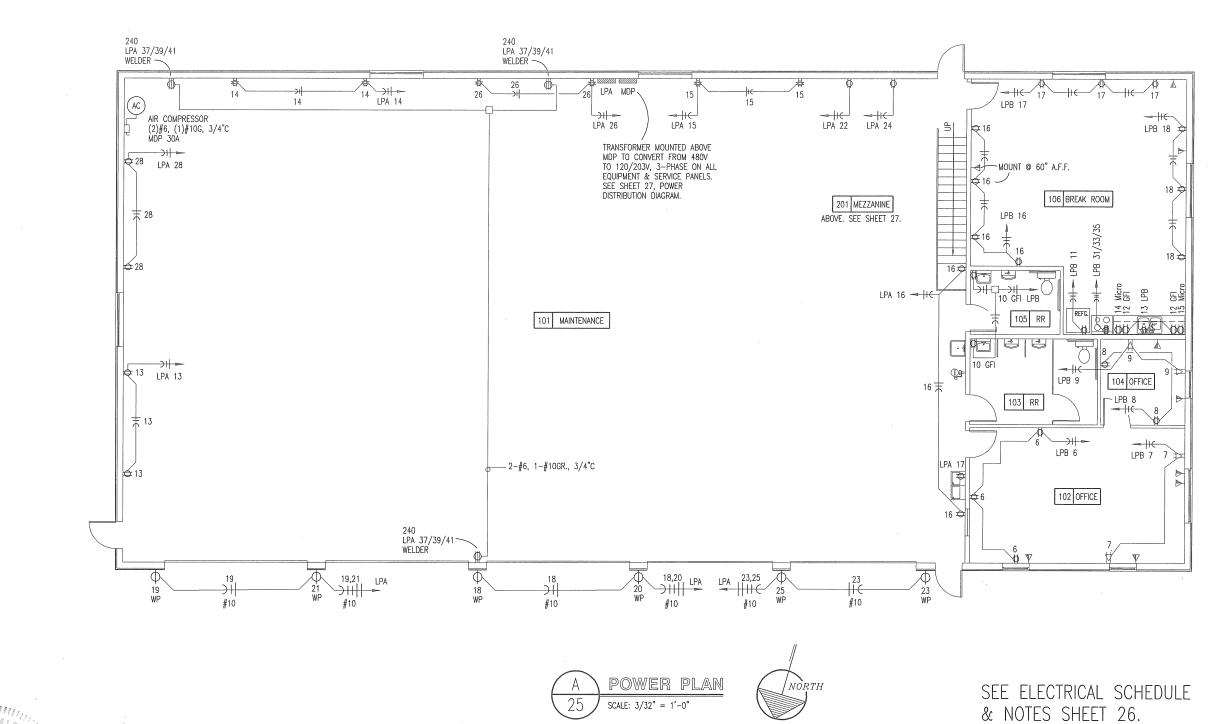
MISSOURI DEPARTMENT OF TRANSPORTATION

> DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District - Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER DATE: 4-15-16

Sheet





OF MISS

POWER PLAN

MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER
DATE: 4-15-16

Sheet

|                  |  | ELECTRIC        | SC  | HED     | ULE  |
|------------------|--|-----------------|-----|---------|--|
| MANUF.           | MODEL  | LAMPS<br># TYPE | W   | MNT.    | REMARKS  |
| WILLIAMS         | 50G-S24-LED*UT 50/835-<br>RPC12125-ED*UT-UNV               | LED             | 51  | CLG     | 24" x 48" STATIC TROFFER FIXTURE, HOUSING:<br>22 GAUGE DIE FORMED C.R.S. SHIELDING:<br>FROSTED ACRYLIC, PATTERN #12.           |
| WILLIAMS         | 50G-S24-LED*UT 50/835-<br>RPC12125-EM/BSL310-<br>ED*UT-UNV | LED             | 51  | CLG     | 24" x 48" STATIC TROFFER FIXTURE, HOUSING:<br>22 GAUGE DIE FORMED C.R.S. SHIELDING:<br>FROSTED PATTERN #12 & EMERGENCY DRIVER. |
| WILLIAMS         | 50G-S22-LED*UT30/85-<br>RPC12125-ED*UT-UNV                 | LED             | 25  | CLG     | 24" x 24" STATIC TROFFER FIXTURE, HOUSING:<br>22 GAUGE DIE FORMED C.R.S. SHIELDING:<br>FROSTED PATTERN #12.                    |
| WILLIAMS         | 50G-S22-LED*UT30/85-<br>RPC12125-EM/BSL310-<br>ED*UT-UNV   | LED             | 25  | CLG     | 24" x 24" STATIC TROFFER FIXTURE, HOUSING:<br>22 GAUGE DIE FORMED C.R.S. SHIELDING:<br>FROSTED PATTERN #12 & EMERGENCY DRIVER. |
| BROAN<br>(F)     | GRAINGER #4C772  |                 |     | CLG     | 80 CFM CEILING MOUNT BATHROOM VENTILATOR   |
| WILLIAMS         | GL-4-L200/840-WG11-<br>DRV-UNV                             | LED             | 174 | CLG     | 14-3/16" x 48" DIE-FORMED ALUMINUM<br>HOUSING WITH WIRE GUARD.   |
| WILLIAMS         | GL-4-L200/840-EM/<br>BSL310-WG11-DRV-UNV                   | LED             | 174 | CLG     | 14-3/16" x 48" DIE-FORMED ALUMINUM<br>HOUSING WITH WIRE GUARD. BACK MOUNTED<br>EMERGENCY LED DRIVER.                           |
| LITHONIA<br>-L)- | TWR1LED 1 40K MVOLT  | LED             | 33  | WALL    | EXTERIOR, SURFACE MOUNT LIGHT FIXTURE,<br>WITH ALUMINUM HOUSING. PRISMATIC GLASS<br>LENS.                                      |
| DAYTON           | GRAINGER #5NPZ3  |                 |     | CLG     | SINGLE-SPEED, 48" THREE-BLADE, HEAVY DUT-<br>COMMERCIAL CEILING FAN. ADD SPEED CONTRO<br>WITH REVERSE SWITCH. DAYTON #5NRA4.   |
| Ń                | OVERHEAD DOOR OPERATOR                                     |                 |     | WALL    | 115V, 1-PH, JACKSHAFT TYPE.<br>SEE SPECIFICATION SECTION 08720.  |
| LITHONIA         | LHQM P W3 R N  | LED             |     | WALL    | QUANTUM THERMOPLASTIC EXIT/UNIT COMBO<br>(2) LED 5.4 KRYPTON LAMPS.  |
| TORK<br>P        | 2001   |                 |     | WALL    | 120V PHOTO ELECTRIC CONTROL OF EXTERIOR LIGHTS.  |
| S                | OVERHEAD DOOR CONTROL                                      |                 |     | WALL    | THREE BUTTON OVERHEAD DOOR CONTROL<br>AS SUPPLIED BY OVERHEAD DOOR MANUF.<br>SEE SPECIFICATION SECTION 08720.                  |
| WILLIAMS         | 75L-4-LED*PH50/835-<br>A12125-ED*PH-UNV                    | LED             | 51  | SURFACE | 2-3/4" x 48" 22 GAUGE DIE-FORMED<br>C.R.S. SHIELDING: ACRYLIC PATTERN #12,<br>.125" THICK.                                     |
| LITHONIA         | 2ALLS233LEZ1LP840  | LED             | 29  | SURFACE | 24" x 24" x 3-1/2" CONCAVE VISUAL<br>APPEARANCE. COLD ROLLED STEEL WITH<br>POLYESTER COATING.                                  |

ELECTRICAL FIXTURES AND EQUIPMENT ARE SCHEDULED BY MANUFACTURER AND MODEL NUMBER FOR DESIGN INTENT ONLY, APPROVED EQUALS MAY BE SUBSTITUTED.

|             | SE                       | RVI                      | CE     | P/   | NE    |         | LPA .   |          |
|-------------|--------------------------|--------------------------|--------|------|-------|---------|---|----------|
| VOL'<br>BUS |                          | SQU<br>W/ NEU<br>:IRCUIT | TRAL B | US & |       | DING BI | AIC B PHASE 10424 \( C PHASE 13128 \) TOTAL 34080 \( V \) | VA<br>VA |
| CIR         | SERVICE                  | VA                       | BKR    |      | BKR   | VA      | SERVICE   | CIR      |
| 1           | LIGHTS - 101 MAINTENANCE | 1170                     | 20A1P  | A    | 20A1P | 165     | EXTERIOR LIGHTING   | 2        |
| 3           | LIGHTS - 101 MAINTENANCE | 1566                     | 20A1P  | В    | 20A1P | 132     | EXTERIOR LIGHTING   | 4        |
| 5           | GARAGE DOOR OPENERS      | 2162                     | 30A1P  | С    | 30A1P | 2162    | GARAGE DOOR OPENERS                                       | 6        |
| 7           | GARAGE DOOR OPENER       | 1081                     | 20A1P  | А    | 20A1P | 312     | CEILING FANS  | 8        |
| 9           | CARBON MONOXIDE          | 1553                     | 20A1P  | В    | 20A1P | 1553    | CARBON MONOXIDE   | 10       |
| 11          | EXHAUST FANS & LOUVERS   | 1704                     | 20A1P  | С    | 20A1P | 1404    | UNIT HEATERS  | 12       |
| 13          | RECEPTACLES - 101        | 360                      | 20A1P  | A    | 20A1P | 720     | QUAD RECEPTACLES - 101 ❷                                  | 14       |
| 15          | QUAD RECEPTACLES - 101 ❷ | 720                      | 20A1P  | В    | 20A1P | 180     | RECEPTACLES - 101   | 16       |
| 17          | HI-LOW DRINKING FOUNTAIN | 336                      | 20A1P  | С    | 20A1P | 1000    | EXTERIOR RECEPTACLE                                       | 18       |
| 19          | EXTERIOR RECEPTACLE      | 1000                     | 20A1P  | A    | 20A1P | 1000    | EXTERIOR RECEPTACLE                                       | 20       |
| 21          | EXTERIOR RECEPTACLE      | 1000                     | 20A1P  | В    | 20A1P | 360     | VENDING MACHINE RECEPTACLE                                | 22       |
| 23          | EXTERIOR RECEPTACLE      | 1000                     | 20A1P  | С    | 20A1P | 360     | VENDING MACHINE RECEPTACLE                                | 24       |
| 25          | EXTERIOR RECEPTACLE      | 1000                     | 20A1P  | A    | 20A1P | 720     | QUAD RECEPTACLES - 101 ❷                                  | 26       |
| 27          | SPARE                    |                          | 20A1P  | В    | 20A1P | 360     | RECEPTACLES - 101   | 28       |
| 29          | SPARE                    | -                        | 20A1P  | С    |       |         |   | 30       |
| 31          | SPARE                    | -                        | 20A1P  | A    |       |         |   | 32       |
| 33          |                          |                          |        | В    |       |         |   | 34       |
| 35          |                          |                          |        | С    |       |         |   | 36       |
| 37          | 101 - WELDER MAINTENANCE | 3000                     | 50A3P  | A    |       |         |   | 38       |
| 39          |                          | 3000                     |        | В    |       |         |   | 40       |
| 41          |                          | 3000                     |        | С    |       |         |   | 42       |

| CIRCUIT | BREAKER | SHALL | ΒE | GFI | RATED |
|---------|---------|-------|----|-----|-------|
|---------|---------|-------|----|-----|-------|

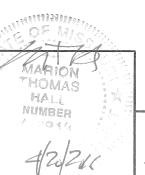
| VOL | N BUS: 225A MLO<br>TS: 120/208, 3PH, 4-WIRE<br>5 MATERIAL: COPPER<br>JNTING: SURFACE | SQL<br>W/ NEU<br>CIRCUIT |       | US & | GROUN | DING B |                          | 8013 \<br>7755 \<br>8197 \<br>23975 \<br>100 A | VA<br>VA<br>VA |
|-----|--|--------------------------|-------|------|-------|--------|--------------------------|--|----------------|
| CIR | SERVICE  | VA                       | BKR   |      | BKR   | VA     | SERVICE                  |  |                |
| 1   | LIGHTS - 102 OFFICE  | 306                      | 20A1P | А    | 20A1P | 246    | LIGHTS - RR's 104 OFF    | FICE   | -              |
| 3   | LIGHTS - BREAK ROOM  | 255                      | 20A1P | В    | 20A1P | 255    | LIGHTS - MEZZANINE       |  | Г              |
| 5   | LIGHTS - DATA & LOCKERS  | 276                      | 20A1P | С    | 20A1P | 540    | RECEPTACLES - 102 OF     | FICE   | Γ              |
| 7   | DEDICATED RECEPTACLES 102  | 180                      | 20A1P | Α    | 20A1P | 360    | RECEPTACLES - 104 OF     | FICE   |                |
| 9   | DEDICATED RECEPTACLES 104  | 180                      | 20A1P | В    | 20A1P | 360    | RECEPTACLES GFI's - RR'S |  |                |
| 11  | REFRIGERATOR & RANGE HOOD  | 900                      | 20A1P | С    | 20A1P | 360    | RECEPTACLES GFI's - C    | ABINETS  |                |
| 13  | GARBAGE DISPOSAL   | 756                      | 20A1P | Α    | 20A1P | 800    | MICROWAVE - WEST         |  |                |
| 15  | MICROWAVE - EAST   | 800                      | 20A1P | В    | 20A1P | 720    | RECEPTACLES - BREAK      | ROOM   |                |
| 17  | RECEPTACLES - BREAK ROOM   | 540                      | 20A1P | С    | 20A1P | 540    | RECEPTACLES - BREAK      | ROOM   |                |
| 19  | RECEPTACLES — MEZZANINE  | 900                      | 20A1P | Α    | 20A1P | 360    | RECEPTACLES - DATA       |  |                |
| 21  | RECEPTACLES - LOCKERS  | 720                      | 20A1P | В    | 20A1P | 360    | DATA QUAD RECEPTACLE     |  |                |
| 23  | AIR HANDLER  | 936                      | 15A1P | С    |       |        |                          |  |                |
| 25  | •  |                          |       | A    |       |        |                          |  |                |
| 27  |  |                          |       | В    |       |        |                          |  |                |
| 29  |  |                          |       | С    |       |        |                          |  |                |
| 31  | RANGE  | 1500                     | 40A3P | Α    |       |        |                          |  |                |
| 33  |  | 1500                     |       | В    |       |        |                          |  |                |
| 35  |  | 1500                     |       | С    |       |        |                          |  |                |
| 37  | AIR CONDENSER  | 872                      | 25A3P | Α    | 30A3P | 1733   | WATER HEATER ON MEZZ     | ANINE  |                |
| 39  |  | 872                      |       | В    |       | 1733   |                          |  |                |
| 41  |  | 872                      |       | С    |       | 1733   |                          | Γ  |                |

SERVICE PANEL LPB

### ELECTRICAL NOTES

- DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- 2. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (N.E.C.).
- PROVIDE ELECTRICAL EQUIPMENT AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS FOR SYSTEMS SPECIFIED.
- 4. SWITCHES AND RECEPTACLES SHALL BE EQUAL TO THE AMPERE RATING SHOWN IN THE PANEL SCHEDULE. RECEPTACLES SHALL BE GROUND-FAULT INTERRUPTION TYPE WHERE SHOWN OR AS REQUIRED BY CODE.
- 5. BATHROOM EXHAUST FAN IS TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- 6. SEE HVAC SCHEDULE FOR EQUIPMENT TO BE HARD WIRED, PROVIDE SERVICE DISCONNECT AT EACH.
- 7. ALL RECEPTACLES, CONDUCTORS & CONDUIT IN GARAGE AREA TO BE SURFACE MOUNTED AT 48" A.F.F.
- 8. COORDINATE WORK WITH OTHER TRADES PRIOR TO COMMENCING WITH ELECTRICAL WORK.

- CONDUCTOR AND BREAKER SIZE MAY VARY PER MANUFACTURER ON THE EQUIPMENT SPECIFIED. ELECTRIC CONTRACTOR TO VERIFY SIZES WITH EXACT EQUIPMENT ORDERED PRIOR TO PURCHASING ELECTRICAL SUPPLIES. USE ONLY COPPER INSIDE BUILDING.
- FIXTURE LOCATIONS ARE APPROXIMATE, EXACT LOCATIONS TO BE DETERMINED AFTER COLLABORATION WITH THE OWNER AND OTHER TRADES.
- 11. CONTRACTOR SHALL PROVIDE SERVICE DISCONNECTS AS REQUIRED AT EXTERIOR OF BUILDING.
- 12. PROVIDE BLOCKING FOR ELECTRICAL DEVICES AS REQUIRED FOR A SECURE APPLICATION.
- 13. PROVIDE CONDUCTORS AND CONDUIT AS REQUIRED FOR A FUNCTIONAL SERVICE. SEE NOTE 'E' ON SITE PLAN.
- 14. CONTRACTOR TO LABEL ALL DATA, PHONE JACKS WITH SWITCH NUMBER ON THE FRONT COVER PLATE AND ON CATS CABLE AT THE SWITCH. ALL POWER CIRCUITS MUST BE LABELED WITH BREAKER AND PANEL NUMBER ON SWITCH PLATE COVER.



ELECTRICAL PANELS

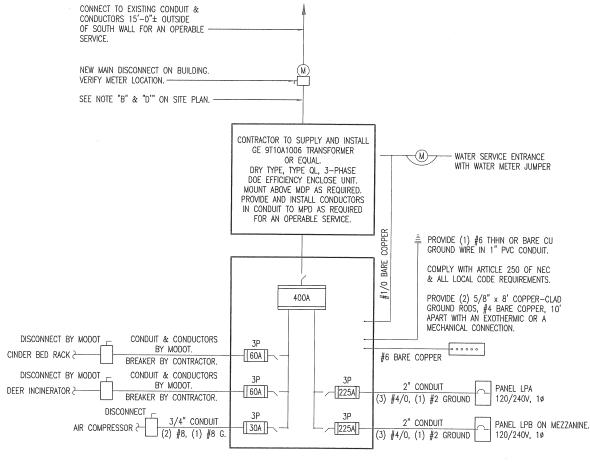
MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT Festus Maintenance Building St. Louis District — Jefferson County 1000 Airport Road, Festus, MO DESIGN BY: LARRY CARVER

DATE: 4-15-16

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Sheet 26 of 27



MDP 400A, 120/240V, 3ø, 4-WIRE SQUARE "D" TYPE HCN I-LINE SURFACE MOUNTED WITH THERMAL MAGNETIC BREAKERS RATED FOR SERVICE ENTRANCE, PROVIDE NEUTRAL AND GROUNDING BUSS.

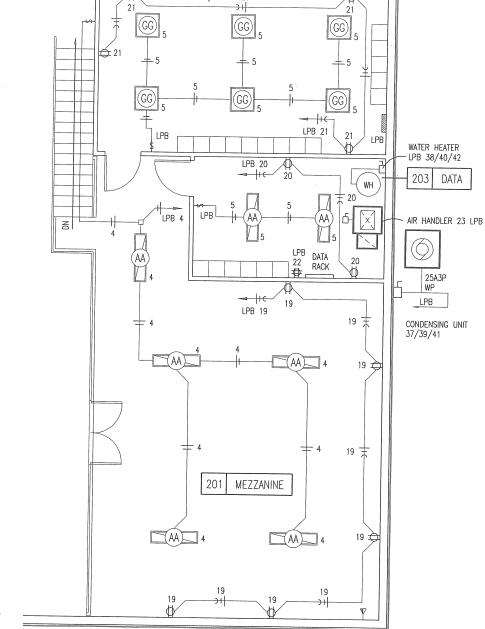
NEW MAINTENANCE POWER DISTRIBUTION DIAGRAM

#### LEGEND

- Φ WP SINGLE RECEPTACLE MOUNTED IN FS BOX WITH HUBBELL HBL7423 COVER.
- SINGLE POLE SWITCH, FLUSH MOUNTED IN FINISHED AREAS @ 48" A.F.F.
- 3-WAY SWITCH, SURFACE MOUNTED IN UNFINISHED AREAS @ 48" A.F.F.
- DUPLEX RECEPTACLE FLUSH MOUNTED IN FINISHED AREAS @ 18" A.F.F. TO DUPLEX RECEPTACLE SURFACE MOUNTED IN UNFINISHED AREAS @ 48" A.F.F.
- QUAD RECEPTACLE @ 18" A.F.F. TO BOTTOM OF OUTLET. 48" A.F.F. IN 101
- WELDER RECEPTACLE SURFACE MOUNTED 48" A.F.F., MOUNT IN 4" SQUARE
- DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER. PROVIDE SEPARATE GROUND PER CIRCUIT. TYPICAL.
- JUNCTION BOX, SIZE FOR WIRE, FILL ACCORDING TO ARTICLE 314-16 OF
- NON FUSED DISCONNECT SWITCH.
- DEDICATED RECEPTACLE FLUSH MOUNTED IN FINISHED AREAS @ 18" A.F.F.
- VOICE AND DATA OUTLET FLUSH MOUNTED IN FINISHED AREAS @ 18" A.F.F. TO BOTTOM OF OUTLET. SIEMON Z6A-SK-02-06 OR EQUAL. VERIFY WITH MODOT'S INFORMATION SYSTEMS BEFORE INSTALLATION.

#12 COPPER NEUTRAL CONDUCTOR UNLESS NOTED. #12 COPPER PHASE CONDUCTORS UNLESS NOTED. 1/2" EMT UNLESS NOTED.

#12 COPPER GROUNDING CONDUCTOR UNLESS NOTED.



202 LOCKERS

MEZZANINE ELECTRICAL PLAN



POWER DISTRIBUTION DIAGRAM

MISSOURI DEPARTMENT OF TRANSPORTATION

DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT

Festus Maintenance Building St. Louis District – Jefferson County 1000 Airport Road, Festus, MO

DESIGN BY: LARRY CARVER DATE: 4-15-16

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