ROOF REPLACEMENTS
MISSOURI LOTTERY HEADQUARTERS
AND DISTRIBUTION CENTER
JEFFERSON CITY, MISSOURI

OWNER: STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

DEPARTMENT OF REVENUE,
STATE LOTTERY COMMISSION

PROJECT MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

PROJECT NUMBER: N200701

ASSET NUMBER:
LOTTERY HEADQUARTERS BUILDING: 8611951001
DISTRIBUTION CENTER: 8611951002

SHEET NUMBER: G-101

1 OF 5 SHEETS
FEBRUARY 27, 2020

DEPARTMENT OF REVENUE,
STATE LOTTERY COMMISSION
AND DISTRIBUTION CENTER

HEADQUARTERS
DISTRIBUTION CENTER

SHEET NO. SHEET NAME DESCRIPTION
1 G-101 COVER SHEET
2 A-101 ROOF PLAN - HEADQUARTERS
3 A-102 ROOF PLAN - HEADQUARTERS
4 A-103 ROOF PLAN - DISTRIBUTION CENTER
5 A-501 ROOF DETAILS
KEYED NOTES

1. REMOVE ALL EXISTING FULLY ADHERED TPO ROOF SYSTEM DOWN TO THE EXISTING METAL DECK. INSTALL NEW FULLY ADHERED TPO ROOF SYSTEM PER DETAILS AND SPECIFICATIONS.

2. REMOVE ALL EXISTING FULLY ADHERED EPDM ROOF SYSTEM DOWN TO THE EXISTING METAL DECK. INSTALL NEW FULLY ADHERED EPDM ROOF SYSTEM PER DETAILS AND SPECIFICATIONS.

3. EXISTING VIDEO SECURITY SYSTEM TO REMAIN DURING CONSTRUCTION.

4. EXISTING EQUIPMENT PAD AND RELOCATE TO EXISTING CONDENSING UNIT AS SHOWN OR NOT AS SHOWN. PROVIDE NEW FLASHING PER MANUFACTURER.

5. REPLACE EXISTING SATELLITE DISH TO REMAIN. COORDINATE RELOCATION DURING CONSTRUCTION.

6. REMOVE EXISTING CURB.


8. EXISTING METAL FLASHING OVER SATELLITE FRAME/PARAPET WALL TO REMAIN. PROVIDE NEW FLASHING PER MANUFACTURER.

9. EXISTING METAL DECK AND EQUIPMENT/CONDUIT LOCATED AGAINST THE UNDERSIDE OF THE DECK. INSTALL NEW FULLY ADHERED TPO ROOF SYSTEM PER DETAILS AND SPECIFICATIONS.

10. EXISTING METAL PARAPET CAP TO BE REMOVED. INSTALL NEW PREFINISHED METAL PARAPET CAP AND NEW MEMBRANE ROOFING SYSTEM.

11. EXISTING METAL DECK TO REMAIN. PROVIDE NEW FLASHING PER MANUFACTURER.

12. EXISTING SATELLITE TO REMAIN. OPERATION TO BE MAINTAINED DURING CONSTRUCTION.

13. EXISTING EQUIPMENT PAD AND RELOCATE TO EXISTING CONDENSING UNIT AS SHOWN OR NOT AS SHOWN.

14. EXISTING METAL FLASHING OVER SATELLITE FRAME/PARAPET WALL TO REMAIN. PROVIDE NEW FLASHING PER MANUFACTURER.

15. EXISTING ROOF PENETRATION CURB WITH NEW URETHANE CURB.

16. EXISTING METAL PARAPET CAP TO BE REMOVED. INSTALL NEW PREFINISHED METAL PARAPET CAP AND NEW MEMBRANE ROOFING SYSTEM.

17. EXISTING ROOF VENT: FLASH PER MANUFACTURER'S RECOMMENDATION.

18. EXISTING ROOF HATCH SHALL REMAIN. INSTALL NEW PRE-FABRICATED METAL HATCH AS SHOWN.

19. EXISTING CONDENSING UNIT, INCLUDING EQUIPMENT PADS, TO REMAIN. PROVIDE NEW FLASHING PER MANUFACTURER.

20. REMOVE AND DISPOSE OF EXISTING CONDENSING UNIT. SALVAGE SEWER LINE/CONDUIT TO BE REMOVED. INSTALL NEW PREFINISHED METAL PARAPET CAP AND NEW MEMBRANE ROOFING SYSTEM.

21. REPLACE EXISTING ROOF PENETRATION CURB WITH NEW URETHANE CURB.

22. REMOVE EXISTING FULLY ADHERED TPO ROOF SYSTEM DOWN TO THE EXISTING METAL DECK. INSTALL NEW FULLY ADHERED TPO ROOF SYSTEM PER DETAILS AND SPECIFICATIONS.

23. REMOVE EXISTING FULLY ADHERED EPDM ROOF SYSTEM DOWN TO THE EXISTING METAL DECK. INSTALL NEW FULLY ADHERED EPDM ROOF SYSTEM PER DETAILS AND SPECIFICATIONS.

24. INSTALL ½" PER 1' INSULATION CRICKET.

25. INSTALL ½" PER 1' INSULATION CRICKET.

26. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

27. CONTRACTOR SHALL FLASH AROUND ALL ROOF PENETRATIONS AND CURBS TO MATCH EXISTING.

GENERAL NOTES

8. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

9. CONTRACTOR SHALL FLASH AROUND ALL ROOF PENETRATIONS AND CURBS PER MANUFACTURER'S RECOMMENDATIONS, WHETHER SPECIFICALLY SHOWN OR NOT.

10. THE ENTIRE ROOF SYSTEM SHALL BE FULLY ADHERED. NO FASTENERS MAY PERMEATE THE EXISTING METAL DECK OR ELECTRICAL EQUIPMENT CONDUIT LOCATED AGAINST THE UNDERSIDE OF THE DECK.

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ROOF EDGE WITH UNA-EDGE GRAVEL STOP (GS)

1/2" (13 mm) MIN.

EXISTING MASONRY WALL

1-3/4" STAINLESS STEEL RING SHANK 5D COMMON NAILS @ 8" (203 mm) O.C. MAX. 3/4" FROM TOP OF CLEAT.

CONTINUOUS BEAD OF TPO GP SEALANT (REQUIRED)

1-1/4" HOT DIPPED GALVANIZED ROOF NAILS @ 6" (152 mm) O.C. MAX

EXISTING WOOD NAILER

PRE-FINISHED METAL SYSTEM 8" MAX FACE 20 GA.

CONTINUOUS CLEAT

INSTALL PERIMETER SAFETY RAILING SYSTEM, PER ROOF HATCH MANUFACTURER.

TYPICAL.

ACCESS GATE

3 TERMINATION AT TOP OF WALL WITH FASCIA COVER

6" = 1'-0"

EXTERIOR WALL TRANSITION DETAIL

PREFINISHED METAL FASCIA COVER

EXISTING E.I.F.S. PARAPET WALL

1/2" HOT DIPPED GALVANIZED ROOF NAILS @ 6" (152 mm) O.C. MAX

TPO MEMBRANE

PLATED MEMBRANE FASTENERS @ 6" O.C. MAX

TPO FLASHING

TPO MEMBRANE COVER BOARD

TAPERED INSULATION SYSTEM

2 CANOPY WALL DETAIL

1 1/2" = 1'-0"

1 1/2" = 1'-0"

WALL TRANSITION DETAIL

RTU CURB SECTION

6" = 1'-0"

TERMINATION AT TOP OF WALL WITH FASCIA COVER

ROOF HATCH SAFETY RAILING

NOT TO SCALE

EXISTING WOOD BLOCKING

EXTERIOR INSULATION SYSTEM

FULLY ADHERED MEMBRANE

FOILED LOWER EDGE FASTENERS @ 6" O.C. MAX

FULLY ADHERED MEMBRANE

EXISTING CANT

FULLY ADHERED MEMBRANE COVER BOARD

TAPERED INSULATION SYSTEM

EXISTING METAL DECK

RTU GASKET

NEOPRENE-GASKETED METAL TO WOOD FASTENERS

PRE-FINISHED COUNTER FLASHING WITH FOILED LOWER EDGE FASTENERS @ 6" O.C. MAX

FULLY ADHERED MEMBRANE