



**WOLD | RUCK PATE**

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# ROOFING FALL 2018

## Kendall County Public Safety Center

### Yorkville, Illinois

IL

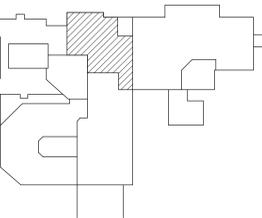
#### ARCHITECTURAL

A2.100 ROOF PLAN  
A5.701 DETAILS - EXTERIOR ROOF

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**KEY PLAN**



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed ARCHITECT under the laws of the State of Reg State

License Number: Arch Name Date Issue Date

Description	Revisions	
	Date	Num

Comm: 183043  
Date: 08/14/2018  
Drawn: AM  
Check: FS



**ROOF PLAN**

Scale: As indicated

**A2.100**

**ROOF LEGEND**

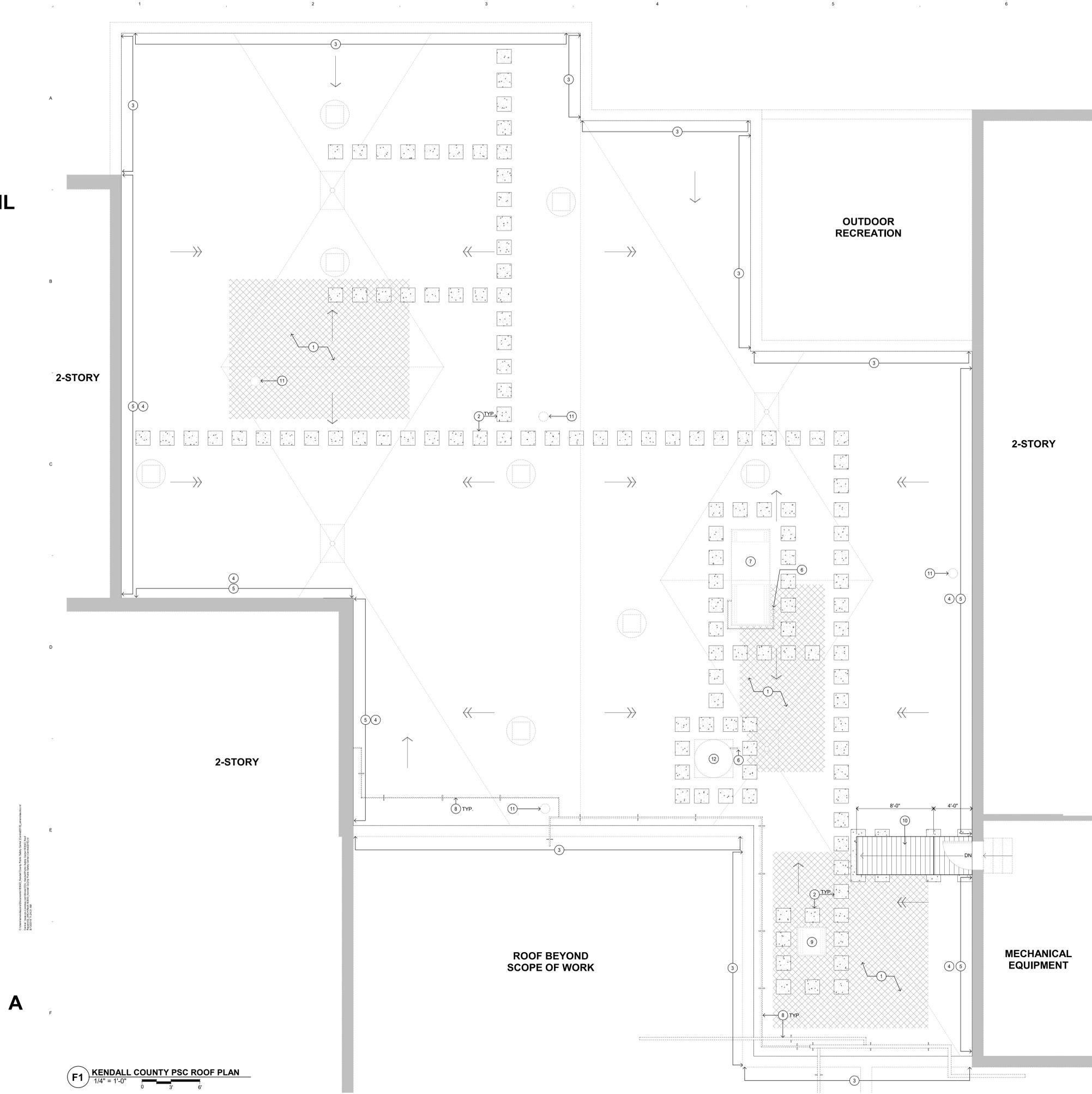
- EXISTING ROOF DRAIN - REFER TO DETAIL B7/A5.701
- EXISTING EQUIPMENT CURB AT MECHANICAL EQUIPMENT - REFER TO DETAIL B5/A5.701
- EXISTING ROOF EXHAUST
- EXISTING EQUIPMENT CURB SUPPORTING PIPING OR CONDUIT. INSTALL MAXIMUM SPACING OF 6'-0" O.C.
- EXISTING VENT STACK, PIPE OR CONDUIT
- SLOPE OF TAPERED INSULATION
- SLOPED STRUCTURE
- AREA OF SUSPECTED WET INSULATION

**ROOF PLAN GENERAL NOTES**

1. RECOVER DESIGNATED EXISTING ROOF AREA WITH 60 MIL EPDM MEMBRANE AND 2" FANFOLD EPS INSULATION. REMOVE ALL EXISTING BALLAST. PROVIDE 10 - 12 PSF NEW GRAVEL BALLAST. PROVIDE PRECAST CONCRETE PAVERS ON PROTECTION FABRIC FOR INDICATED ROOF WALKWAYS. CUT EXISTING EPDM MEMBRANE ON 10 FT X 10 FT GRID PRIOR TO INSTALLATION OF FANFOLD OVERLAY. PROVIDE FULLY ADHERED 60 MIL EPDM FLASHINGS FOR ALL PERIMETERS, CURBS AND PIPE PENETRATIONS. PROVIDE POURABLE SEALANT POCKETS FOR EXISTING CONDUIT AND GAS LINE PENETRATIONS. PROVIDE COMPLETE SYSTEM COMPLYING WITH CLASS A RATING. PROVIDE 20 YEAR ROOF WARRANTY WITHOUT FINANCIAL LIMITATION.
2. REPLACE STRAINER BASKETS ON ROOF DRAINS. TYPICAL AT ALL LOCATIONS.
3. EXISTING METAL COPING AND FLASHING TO BE REMOVED AND REINSTALLED TO ALLOW FOR NEW EPDM MEMBRANE FLASHING INSTALLATION. INSTALL BUTYL SEALANT AND PREFABRICATED CONCEALED SPLICE PLATES MATCHING EXISTING PREFINISHED METAL TYPE, GAUGE, AND FINISH AT ALL EXISTING COPING JOINTS, INCLUDING BUT NOT LIMITED TO MITERED CORNERS.
4. EXISTING VENT STACKS AND ROOF PENETRATIONS ARE SHOWN FOR REFERENCE ONLY. QUANTITY, SIZE AND LOCATION SHALL BE FIELD VERIFIED. EXTEND ALL EXISTING VENT STACK, PIPE OR CONDUIT, AS NEEDED TO MAINTAIN 8" MINIMUM DISTANCE TO FINISHED ROOF SURFACE.
5. MECHANICAL ITEM LOCATIONS ARE SHOWN FOR REFERENCE ONLY. LOCATIONS AND CONDITIONS SHALL BE FIELD VERIFIED.
6. ALL EXISTING EQUIPMENT IS INTENDED TO REMAIN IN PLACE, EXCEPT WHERE INDICATED OTHERWISE.
7. REMOVE AND REINSTALL EXISTING LIGHTNING PROTECTION EQUIPMENT AS NECESSARY TO PERFORM ROOFING WORK.

**ROOF PLAN KEY NOTES:**

1. AREA OF SUSPECTED WET INSULATION. FIELD MEASURE MOISTURE CONTENT AND REPORT TO ARCHITECT. UPON WRITTEN AUTHORIZATION, REPLACE WET INSULATION ON UNIT PRICE BASIS.
2. PROVIDE CONCRETE PAVER ON PROTECTION FABRIC FOR ROOF WALKWAY AND AT EACH DOWNSPOUT DISCHARGING ON ROOF.
3. REMOVE AND REINSTALL METAL COPING AS SHOWN - REFER TO SHEET A5.701
4. REMOVE AND REINSTALL METAL COUNTERFLASHING AS SHOWN - REFER TO SHEET A5.701
5. REMOVE AND REPLACE SEALANT AT ALL METAL JOINTS
6. EXISTING PREFORMED PIPE FLASHING BOOT TO BE REMOVED AND REPLACED WITH NEW POURABLE SEALER POCKET OR FIELD-FORMED EPDM FLASHING. PROVIDE SHEET METAL HOOD WITH DRAW-BAND - REFER TO SHEET A5.701
7. BASE BID: FLASH PENETRATION WITH EXISTING UNIT IN PLACE. ALTERNATE BID: RAISE MAKE-UP AIR UNIT, DISCONNECT & REMOVE EXISTING GAS-FIRED MAKE-UP AIR UNIT. EXTEND CURB, REINSTALL, RECONNECT, START-UP AND TEST UNIT AFTER FLASHING IS COMPLETED.
8. REMOVE EXISTING SUPPORTS AND REPLACE WITH PIPE SUPPORTS ON PROTECTION FABRIC AT MAXIMUM SPACING OF 6'-0" O.C.
9. COAT EXISTING METAL CURB CAP WITH FLUID-APPLIED WATERPROOF COATING
10. REMOVE EXISTING WOOD PLATFORM AND PROVIDE PRESERVATIVE TREATED WOOD PLATFORM AND RAMP. CONSTRUCTED OF 2 X 8 TYP. SLOPE RAMP 1'-FT. SUPPORT PLATFORM AND RAMP ON CONCRETE PAVERS ON PROTECTION FABRIC.
11. FLASH EXISTING PIPE PENETRATION
12. EXISTING KITCHEN EXHAUST FAN. PROVIDE ECO GREASE PROTECTION ALL AROUND.



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