



# ROOF PLAN

### EDGE CONDITION LEGEND

- E1** - 0'-6" (H) TO 4'-10" (HXVARIES) X 1'-1" (W) PARAPET WALL. REMOVE EXISTING METAL COPING, WALL FLASHINGS AND ANY LOW METAL COUNTER FLASHING. INSTALL 1/2" MECH ATTACHED DENS DECK OVER FLASHING SUBSTRATE FULL HEIGHT. INSTALL FULLY ADHERED WALL FLASHING UP OVER EXIST. TOP PLATE AND DOWN FRONT FACE, INSTALL NEW TWO PIECE METAL FASCIA (SEE DET. 0001)
- E2** - 2'-4" (H) TO 3'-5" (HXVARIES) PARAPET WALL. REMOVE EXISTING CLAY TILE COPING, WALL FLASHINGS AND ANY LOW METAL COUNTER FLASHING. INSTALL NEW 2X12 P.T. BLOCKING ON TOP OF MASONRY WALL. INSTALL 1/2" MECH ATTACHED DENS DECK OVER FLASHING SUBSTRATE FULL HEIGHT. INSTALL FULLY ADHERED WALL FLASHING UP OVER EXIST. TOP PLATE AND DOWN FRONT FACE, INSTALL NEW TWO PIECE METAL FASCIA (SEE DET. 0001)
- E3** - 4' TO 8" (HXVARIES) X 0'-6" (W) RAISED EXP. JOINT. REMOVE EXISTING WALL FLASHINGS & RAISED EXP. JOINT. INSTALL FOAM ROD 1 1/2 TIMES WIDTH OF JOINT. INSTALL 1/2" MECH ATTACHED DENS DECK ON TOP AND SIDES LEAVING JOINT SPACE OPEN. INSTALL FULLY ADHERED FLASHING UP OVER AND DOWN OPPOSITE FACE AND TIE INTO THE FIELD OF ROOF ON BOTH SIDES.
- E4** - 2'-7" TO 4'-3" (H) VARIES SLOPED TRANSITION BETWEEN ROOF LEVELS. REMOVE EXISTING EDGE METAL, LEAVING EXISTING FLASHINGS IN PLACE. INSTALL 1/2" MECH ATTACHED DENS DECK OVER FLASHINGS FULL HEIGHT. INSTALL NEW WOOD BLOCKING ALONG TOP EDGE TO MATCH HEIGHT OF NEW ROOF SYSTEM. INSTALL FULLY ADHERED FLASHING AND TIE-IN TO FIELD MEMBRANE ON BOTH SIDES OF TRANSITION
- E5** - 7' TO 10' (H) VARIES VERT TRANSITION BETWEEN ROOF LEVELS. EXISTING FLASHINGS TO REMAIN. INSTALL 1/2" MECH ATTACHED DENS DECK OVER FLASHINGS FULL HEIGHT. INSTALL FULLY ADHERED FLASHING AND TIE-IN TO FIELD MEMBRANE ON BOTH SIDES OF TRANSITION
- E6** - 2'-8" (H) AREA DIVIDER. REMOVE EXISTING CLAY TILE COPING, WALL FLASHINGS AND ANY LOW METAL COUNTER FLASHING. INSTALL NEW 2X12 P.T. BLOCKING ON TOP OF MASONRY WALL. INSTALL 1/2" MECH ATTACHED DENS DECK OVER FLASHING SUBSTRATE FULL HEIGHT. INSTALL FULLY ADHERED WALL FLASHING UP OVER EXIST. TOP PLATE AND DOWN OPPOSITE FACE, TIE - INTO FIELD MEMBRANE ON BOTH SIDES OF WALL
- E7** - 4'-10" (H) TO 9'-0" (HXVARIES) X 1'-1" (W) ARCHD TOP PARAPET WALL. REMOVE EXISTING METAL COPING, WALL FLASHINGS AND ANY LOW METAL COUNTER FLASHING. INSTALL 1/2" MECH ATTACHED DENS DECK OVER FLASHING SUBSTRATE FULL HEIGHT. INSTALL FULLY ADHERED WALL FLASHING UP OVER EXIST. TOP PLATE AND DOWN FRONT FACE, INSTALL NEW TWO PIECE METAL FASCIA (ARCHD) (SEE DET. 0001) (NOTE: INSTALL INTERMEDIATE HORIZ. TERM BAR IF REQUIRED BY MFR DUE TO WALL HEIGHT)

### PENETRATIONS LIST:

- CURBS**  
**A** - RTU ON (2) 5'6" ESC WITH 2'X3' THRU ROOF DUCT  
**D** - 10'X10' RTU  
**E** - 6'X11' RTU  
**F** - 7'X10' RTU  
**K** - 4'X7' RTU  
**L** - 7'X14' RTU

### EQUIPMENT SUPPORT CURBS

- B** - RTU ON (2) 21' ESC WITH 1'9"X3' UTILITY HOOD  
**G** - CHILLER UNIT ON (2) 21' ESC  
**H** - CHILLER UNIT ON (2) 11' ESC  
**I** - CHILLER UNIT ON (2) 20' ESC  
**J** - RTU ON 5'X8' I-BEAMS WITH (2) 5" ROUND POSTS WITH 1'X1' UTILITY HOOD

### RTVS

- 3'X3' - 4  
 2'X2' - 4  
 C - 5'X5' - 2

- 4'6"X4'6" - 1  
 1'9"X1'9" - 2

### ABANDONED CURBS

- 1'X1' - 1  
 2'6"X2'6" - 3  
 3'X3' - 3  
 1'9"X1'9" - 2  
 6' ESC - 2  
 17' ESC - 2  
 1' ESC - 3

### WALL SUPPORTS

- (2) 2" FENCE POSTS IN (2) PITCH BOXES  
 (14) WALL SUPPORTS ON 2'6" ESC

- ROOF HATCH (REPLACE)  
 3'X5'

### UTILITY HOODS

- 1'6"X2'6" - 2  
 2'6"X2'6" - 1

### SATELLITE DISH

- 2'6"X2'6" CURB (CAP WITH M" PLYWOOD AND ENCAPSULATE W/ MEMBRANE)

### KITCHEN EXHAUST FANS

- 19"X19" - 1  
 3'X3' - 1  
 2'X2' - 1  
 2'6"X2'6" - 2

### GOOSE NECKED VENTS

- 4'X4' - 1

### MANUFACTURED ESC NOT PENETRATING ROOF

- 4' - 11

- VENT STACKS  
 8" - 1

### 1'6"X1'6" CURB WITH 8" VENT STACK - 3

- 1'6"X2' CURB WITH 8" VENT STACK  
 1'6"X1'6" CURB WITH 10" VENT STACK

### PIPES

- 1" - 6  
 2" - 4  
 3" - 3  
 4" - 15  
 5" - 3

### MISC

- 4'6"X10'6" I BEAMS ON (4) 4" ROUND POSTS AND (2) 5" ROUND POSTS (ABANDONED - REMOVE)  
 4'6"X13' I BEAMS ON (8) 5" ROUND POSTS (ABANDONED - REMOVE)

### General Notes



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No.	Revision/Issue	Date

### Firm Name and Address

RoofingProjects-com  
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### Project Name and Address

2025  
 Jewel-Osco # 157  
 Oak Lawn  
 4650 W 103rd St  
 Oak Lawn, IL 60453

### Project

Date  
 March 27, 2025

Scale  
 3/32" = 1'-0"

### Sheet

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