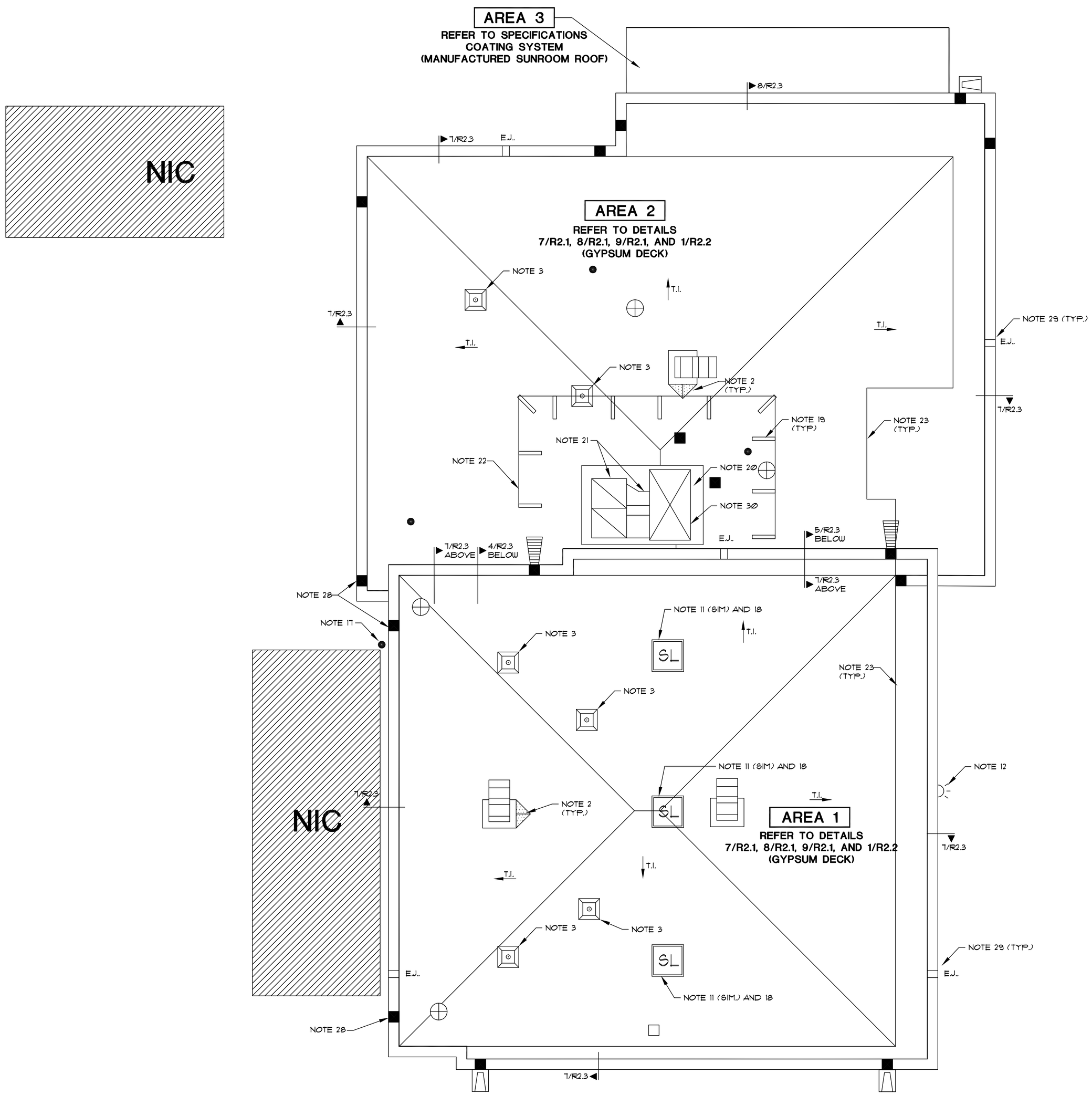

ROOF PLAN

FIRE TRAINING CENTER

SCALE: 3/16"=1'-0"

TRUE NORTH

LEGEND (UNLESS OTHERWISE NOTED)

- PLUMBING VENT (REFER TO DETAIL 2/R2.4)
- GAS VENT (REFER TO DETAIL 3/R2.8)
- STANDARD VENT (REFER TO DETAIL 2/R2.5)
- NEW OVERFLOW DRAIN (REFER TO DETAIL 9/R2.3)
- EXISTING ROOF DRAIN WITH SUMP (REFER TO DETAIL 3/R2.2)
- ABANDONED ROOF DRAIN (REFER TO NOTE 3)
- TURBINE VENT (REFER TO DETAIL 1/R2.7)
- O.F.S. — OVERFLOW SCUPPER (REFER TO DETAIL 6/R2.3)
- MISCELLANEOUS PENETRATION (REFER TO DETAIL 1/R2.5 OR 4/R2.7)
- CURB MOUNTED VENT (REFER TO DETAIL 1/R2.4)
- CURB MOUNTED VENT (REFER TO DETAIL 5/R2.7)
- RAISE HVAC UNIT (REFER TO DETAIL 4/R2.4)
- GRAVITY VENT (REFER TO DETAIL 5/R2.4)
- EXISTING SECURITY LIGHT LOCATION (REFER TO NOTE 12)
- CONCRETE SPLASHBLOCK (REFER TO DETAIL 5/R2.2)
- CORREGATED SHEET METAL SPLASH PAN (REFER TO DETAIL 5/R2.2)
- ANTENNA (REFER TO NOTE 6)
- LADDER (REFER TO NOTE 9 OR NOTE 25)
- SL — ABANDONED SKYLIGHT (REFER TO 8/R2.2 AND 9/R2.2)
- ROOF HATCH (REFER TO DETAIL 3/R2.4)
- LIGHTNING PROTECTION GROUND. (REFER TO DETAIL 6/R2.5)
- EXISTING TOWER TO REMAIN
- ROOF WALK PADS (REFER TO SPECS.)
- EXISTING SLOPE IN DECK
- T.I. — TAPERED INSULATION (DIRECTION OF SLOPE)
- —E—E—E— NOT SHOWN: TYP. ELECTRICAL CONDUIT (REFER TO DETAIL 4/R2.5. RAISE ALL CONDUITS LINES AS NECESSARY TO INSTALL SUPPORT AT NEW ROOF HEIGHT.)
- —CD— NOT SHOWN: TYP. CONDENSATE LINE (REFER TO DETAIL 3/R4. RAISE ALL CONDUITS LINES AS NECESSARY TO INSTALL SUPPORT AT NEW ROOF HEIGHT.)
- —GAS— TYP. GAS LINE (REFER TO DETAIL 4/R2.5 RAISE ALL LINES AS NECESSARY TO INSTALL SUPPORT AT NEW ROOF HEIGHT.) REFER TO NOTE 10.
- —L— EXISTING LIGHTNING PROTECTION SYSTEM (REFER TO DETAIL 5 AND 6/R2.5

KEY NOTES

1.) ABANDON EQUIPMENT SCREEN AND PENETRATION. (REFER TO DETAIL 7/R2.2)

2.) INSTALL CRICKETS BEHIND ALL EQUIPMENT CURBS (TYPICAL). NOT ALL CRICKETS ARE SHOWN FOR CLARITY. REFER TO DETAIL 2/R2.2.

3.) ABANDON EXISTING ROOF DRAIN. REMOVE DRAIN AND ASSOCIATED DRAIN PIPING. REPAIR DECK. REFER TO DETAIL 4/R2.2.

4.) INSTALL LIGHTNING PROTECTION. GROUND AND SUPPORTS REFER TO DETAIL 5/R2.5 AND 6/R2.5. NOT ALL SHOWN FOR CLARITY.

5.) PROVIDE SHOP DRAWING AND FIELD MOCK-UP OF CORNER COPING CONDITION. DO NOT INSTALL PRIOR TO APPROVAL.

6.) DISCONNECT ANTENNAE. TEMPORARILY RELOCATE AS REQUIRED IN ORDER TO REPLACE ROOFING. PRESERVE AND PROTECT AND RETURN TO SAME LOCATION AFTER REROOFING IS COMPLETE AND RECONNECT. COORDINATE REMOVAL AND REPLACEMENT WITH OWNER.

7.) INSTALL WALK PADS AROUND ALL MECHANICAL EQUIPMENT, TOP AND BOTTOM OF LADDERS, AND ROOF HATCH.

8.) RELOCATE LIGHTNING PROTECTION GROUND FROM BASE FLASHING PENETRATION THROUGH ROOF PENETRATION 18" AWAY FROM PARAPET WALL. REFER TO DETAIL 6/R2.5.

9.) REMOVE EXISTING LADDER AND REPLACE WITH NEW LADDER PER DETAIL 7/R2.5.

10.) GAS LINES ON ALL ROOFS MUST BE PRESSURE TESTED AND RECERTIFIED TO MEET APPLICABLE CODE.

11.) DASHED LINE REPRESENTS EXISTING CURB AND SKYLIGHT TO BE ABANDONED. INCLUDE DECK REPAIR IN BASE BID. REFER TO DETAILS 8/R2.2 AND 9/R2.2.

12.) REMOVE AND RE-INSTALL LIGHT FIXTURE. RELAMP AS REQUIRED.

13.) INSTALL NEW 4" DIAMETER OVERFLOW DRAIN AND 4" DIAMETER PIPING. TERMINATE THROUGH EXTERIOR WALL INTO A BRONZE OVERFLOW NOZZLE.

14.) ABANDON EXISTING OVERLOW SCUPPER.

15.) REMOVE EXISTING CONDUCTOR HEAD AND DOWNSPOUT AND DISPOSE. MODIFY EXISTING OVERLOW SCUPPER. REF: 6/R2.3.

16.) DISCONNECT ELECTRICAL CONDUIT BELOW COPING AS NECESSARY TO INSTALL NEW COPING. REINSTALL AND RECONNECT.

17.) REMOVE PVC PIPE DURING CONSTRUCTION. REINSTALL UPON COMPLETION.

18.) REFER TO SPECIFICATIONS FOR DECK REPAIR.

19.) SUPPORT EXISTING EQUIPMENT SCREEN. REFER TO DETAIL 8/R2.4.

20.) INSTALL NEW CURB. REFER TO DETAIL 6/R2.4 AND 9/R2.4.

21.) INSTALL NEW DUCT FLASHING. REFER TO DETAIL 7/R2.4. HARDCAST DUCTWORK JOINTS AS SPECIFIED.

22.) EQUIPMENT SCREEN TO REMAIN (SHOWN DASHED).

23.) DASHED LINE REPRESENTS BUILDING LINE BELOW.

24.) ABANDON EXISTING PENETRATION AND RELOCATE A MINIMUM OF 18 INCHES AWAY FROM TRANSITION BETWEEN SHINGLE ROOF AND LOW SLOPED ROOF. REPAIR DECK PER SPECIFICATIONS.

25.) REMOVE EXISTING LADDER EXTENSION FROM WALL MOUNTED ACCESS LADDER. ADD GALVANIZED STEEL PLATE IN ORDER TO REATTACH LADDER EXTENSION AT PROPER HEIGHT ABOVE NEW FINISHED ROOF SURFACE. PRIME AND PAINT TO MATCH WALL LADDER.

26.) SCREEN WALL BELOW ROOF LEVEL. APPLY ELASTOMERIC COATING TO TOP OF WALL. GROUT ANY OPEN MASONRY CELLS.

27.) DISCONNECT EXISTING ANTENNA. TEMPORARILY RELOCATE AS REQUIRED IN ORDER TO REPLACE ROOFING. PRESERVE AND PROTECT AND RETURN TO SAME LOCATION AFTER REROOFING IS COMPLETE AND RECONNECT. ABANDON CURRENT ROOF PENETRATION. RELOCATE PENETRATION AWAY FROM BASE FLASHING THROUGH ROOF A MINIMUM OF 18 INCHES AWAY FROM PARAPET WALL. EXTEND AND/OR REPLACE CONDUIT AS NECESSARY. COORDINATE REMOVAL AND REPLACEMENT WITH OWNER.

28.) INSTALL DOWNSPOUT BOOT AT LOCATIONS NOTED. REFER TO DETAIL 9/R2.6.

29.) INSTALL GUTTER EXPANSION JOINTS PER DETAIL 8/R2.6. DISTANCE BETWEEN EXPANSION JOINTS SHALL NOT EXCEED 50 FEET. ALL GUTTER EXPANSION JOINT LOCATIONS NOT ACCURATELY SHOWN OR NOTED (TYPICAL). CONTRACTOR TO FIELD VERIFY.

30.) REROUTE CONDENSATE LINES TO PENETRATION THROUGH ROOF. (REFER TO DETAIL 1/R2.5.) CONNECT TO EXISTING VENT STACK OR ROUTE TO CLOSEST MOP SINK. (REFER TO DETAIL 6/R2.2)

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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CINDY L. CHADWELL ON 08/25/2015

Drawn By:	J.T.
Checked By:	C.L.C.
Project Number:	13-050
Issue For 100% CD Set: 08/25/2015	

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Revision	Date

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OF 11 SHEETS