TYPICAL ROOF SYSTEM:
EPDM MEMBRANE
4" RIGID INSULATION
1/2" DENS DECK
EXISTING STEEL DECK
EXISTING STRUCTURAL SLOPE
T.O. INSULATION +13.5"
T.O. INSULATION +4"
1/4" PER FT TAPERED CRICKETS TO ACHIEVE 1/4" PER FOOT SLOPE.

KEYED ROOF PLAN NOTES:
1. SPOT ELEVATIONS ON PLAN INDICATE INSULATION THICKNESS FROM TOP OF SUBSTRATE BD. ROOF SLOPE TO BE 1/4" PER FOOT MINIMUM UNLESS NOTED OTHERWISE. VERIFY INSULATION THICKNESS WITH ENGINEER’S REPORT.
2. INSPECT WOOD DECK AND CURBS TO REMAIN - NOTIFY ARCHITECT OF ROTTEN OR DAMAGED SUBSTRATE.
SPECIFICATIONS


2. REFER TO STRUCTURAL ANALYSIS REPORT REGARDING REQUIREMENTS AND MAXIMUM BUILDING ROOF CAPACITY.

3. CONTRACTOR TO OBTAIN PERMITS AND ARRANGE FOR THE SUBSEQUENT INSPECTIONS RELATED TO THE CONSTRUCTION.

4. KEEP DRIVEWAYS, ENTRANCES, AND SIDEWALKS CLEAR AT ALL TIMES. DO NOT USE THESE AREAS FOR PARKING OR STORAGE OF MATERIALS. SCHEDULE DELIVERIES TO MINIMIZE REQUIREMENTS FOR STORAGE OF MATERIALS.

5. MAINTAIN THE EXISTING BUILDING IN A WEATHER-TIGHT AND SECURE CONDITION THROUGHOUT CONSTRUCTION. REPAIR DAMAGES CAUSED BY CONSTRUCTION OPERATIONS. TAKE PRECAUTIONS NECESSARY TO PROTECT THE BUILDING AND OCCUPIANTS DURING THE CONSTRUCTION PERIOD.

6. THE OWNER WILL OCCUPY ADJACENT SPACES WITHIN THE BUILDING DURING CONSTRUCTION. COOPERATE WITH THE OWNER TO MINIMIZE CONFLICTS AND FACILITATE OWNER USAGE. PERFORM THE WORK SO AS NOT TO INTERFERE WITH THE OWNER’S OPERATIONS.

7. PROVIDE 48 HOUR NOTICE PRIOR TO SHUTDOWN OR INTERRUPTION OF MECHANICAL / ELECTRICAL SERVICES TO ADJACENT SPACES.

8. CONTRACTORS TO COMPLY WITH THE OWNER’S SAFETY MANAGEMENT POLICIES AND PROCEDURES WITH REFERENCE TO INTERIM LIFE SAFETY MEASURES REQUIRED OF THE CONTRACTOR DURING CONSTRUCTION IS AVAILABLE UPON REQUEST.

9. CONTRACTOR SHALL EXAMINE THE PROJECT SITE TO BECOME FAMILIAR WITH EXISTING AND VISIBLE CONDITIONS PRIOR TO SUBMISSION OF BID.

10. PERFORM SELECTIVE DEMOLITION IN A SYSTEMATIC MANNER; PROTECT EXISTING FINISH WORK TO REMAIN IN PLACE THAT BECOMES EXPOSED DURING DEMOLITION OPERATIONS. RECYCLE REMOVED MATERIALS TO THE GREATEST EXTENT POSSIBLE. REMOVE ONLY THE AMOUNT OF EXISTING ROOFING THAT CAN BE INSTALLED BY THE DAY’S WORK.

11. PRODUCE MISCELLANEOUS BLOCKING, NAILERS, GROUNDS AND FRAMING; CUT AND SHAPE TO THE REQUIRED SIZE. STRUCTURAL GRADE NO. 2 OR BETTER; SOUTHERN PINE, DOUGLAS FIR OR EXTERIOR GRADE PLYWOOD.

12. MEMBRANE ROOFING; 60 MIL THICK NON-REINFORCED EPDM, CARLISLE SYNTEC SURE SEAL (WHITE); FIRESTONE RUBBER GUARD ECO WHITE, VERSICO WHITE OR EQUIVALENT. EPDM MEMBRANE FULLY ADHERED TO SUBSTRATE.

13. ROOF INSULATION CLOSED CELL POLYISOCYANurate FOAM CORE INSULATION BOARDS FACED WITH FIBER REINFORCED FACER MINIMUM R 6.5 PER INCH, NOMINAL 2 INCH THICKNESS, ROOFING MANUFACTURER’S STANDARD. INSULATION SHALL BE ATTACHED BY SOLID MOPPING OF HOT ASPHALT AS PRESCRIBED BY MANUFACTURER.

14. GLASS MAT ROOF BOARD TO BE GEORGIA-PACIFIC DENS DECK ROOF BOARD, USG SECUROCK, OR EQUIVALENT.

15. ROOF INSULATION CLOSED CELL POLYISOCYANurate FOAM CORE INSULATION BOARDS FACED WITH FIBER REINFORCED FACER MANAGER 9 X 6 PER SHEET ( làm bằng nhà sản xuất, không được ngâm trong nước).

16. GLASS MAT ROOF BOARD TO BE GEORGIA-PACIFIC DENS DECK ROOF BOARD, USG SECUROCK, OR EQUIVALENT.

17. AIR AND VAPOR BARRIER / TEMPORARY ROOF TO BE 40 MIL COMPOSITE RUBBERIZED ASPHALT AND POLYOLEFIN FILM EQUAL TO VERSICO 725TR FULLY ADHERED TO THE SUBSTRATE.

18. METAL FLASHING, EDGE METAL, COPINGS TO BE FABRICATED FROM 22 GA STEEL WITH KYNAR FINISH TO MATCH EXISTING; ROLL COM, VINCENT, PETERSON OR EQUIVALENT. FASTENED TO PREVENT THE METAL FROM PULLING FREE OR BUCKLING; SEALED TO PREVENT MOISTURE FROM ENTERING THE ROOFING SYSTEM.