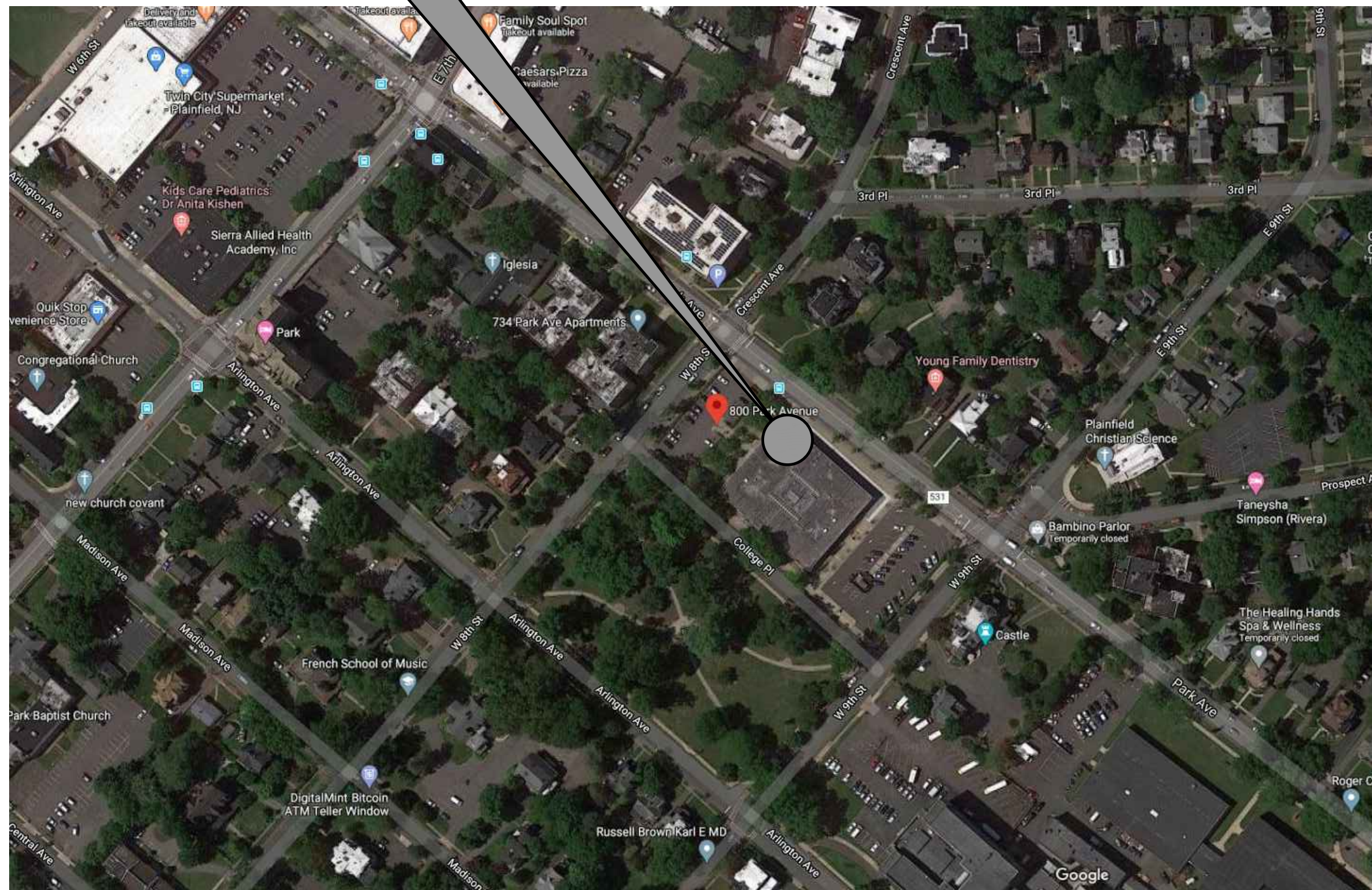


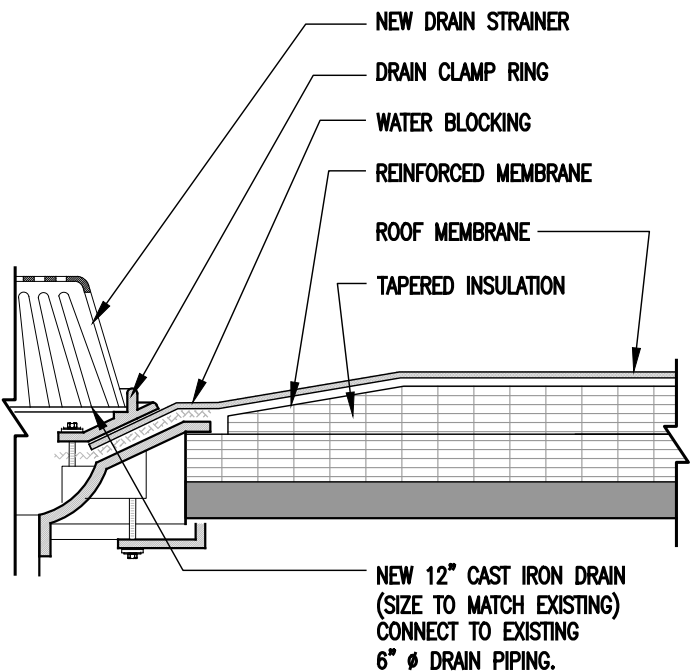
PLAINFIELD PUBLIC LIBRARY ROOF REPLACEMENT

800 PARK AVENUE PLAINFIELD, NEW JERSEY

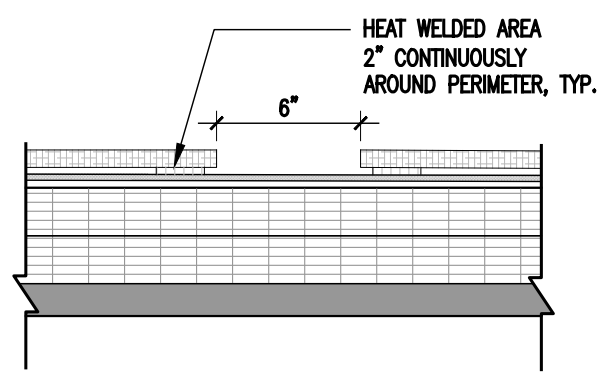
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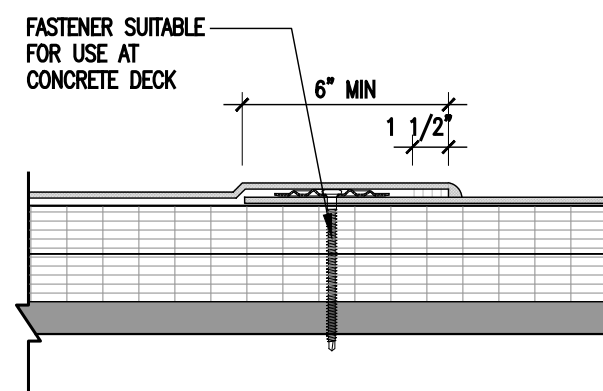
1 LOCATION MAP N.T.S.



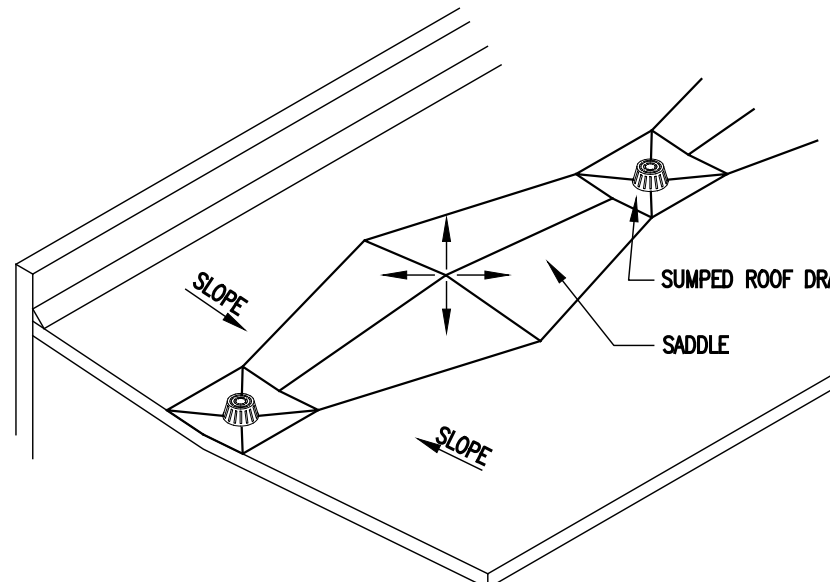
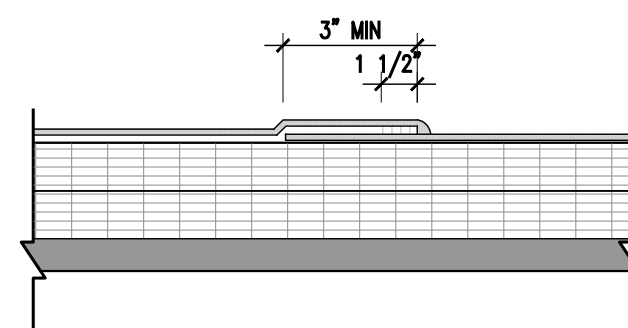
4 ROOF DRAIN DETAIL 1 1/2\"/>



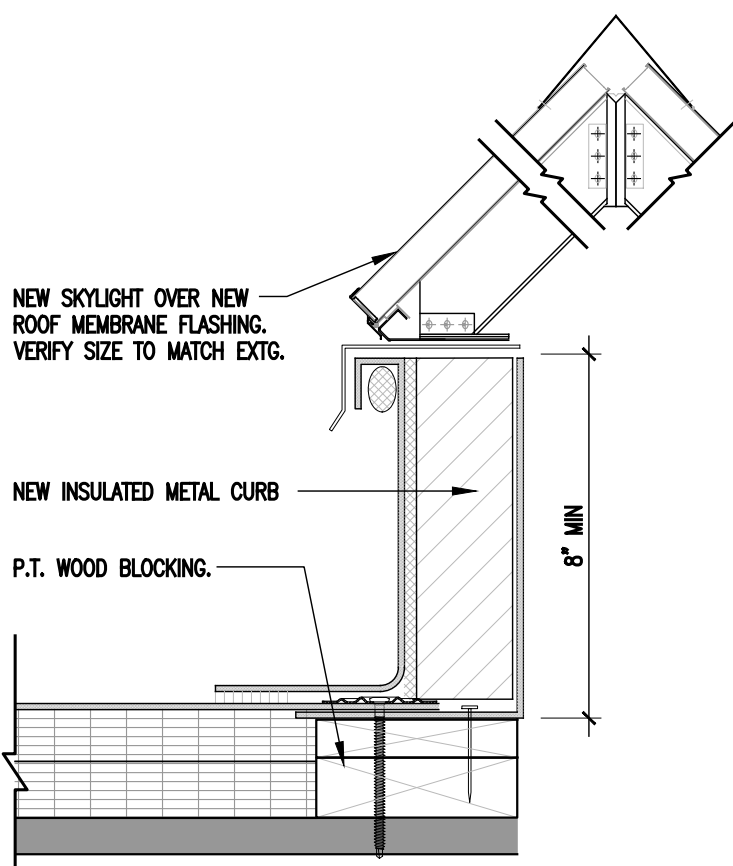
5 WALKWAY PAD DETAIL 1 1/2\"/>



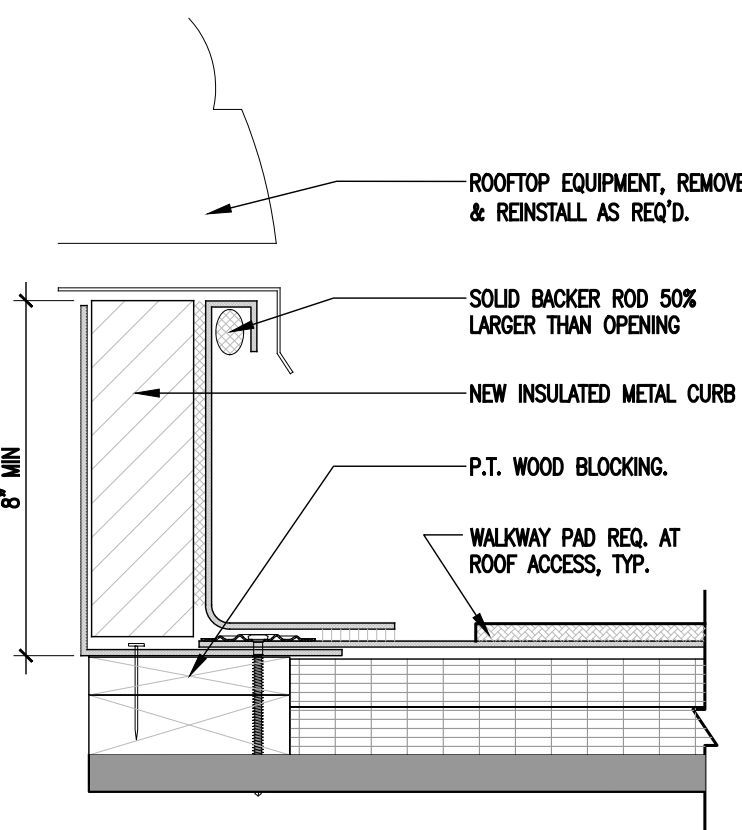
6 LAP DETAILS 1 1/2\"/>



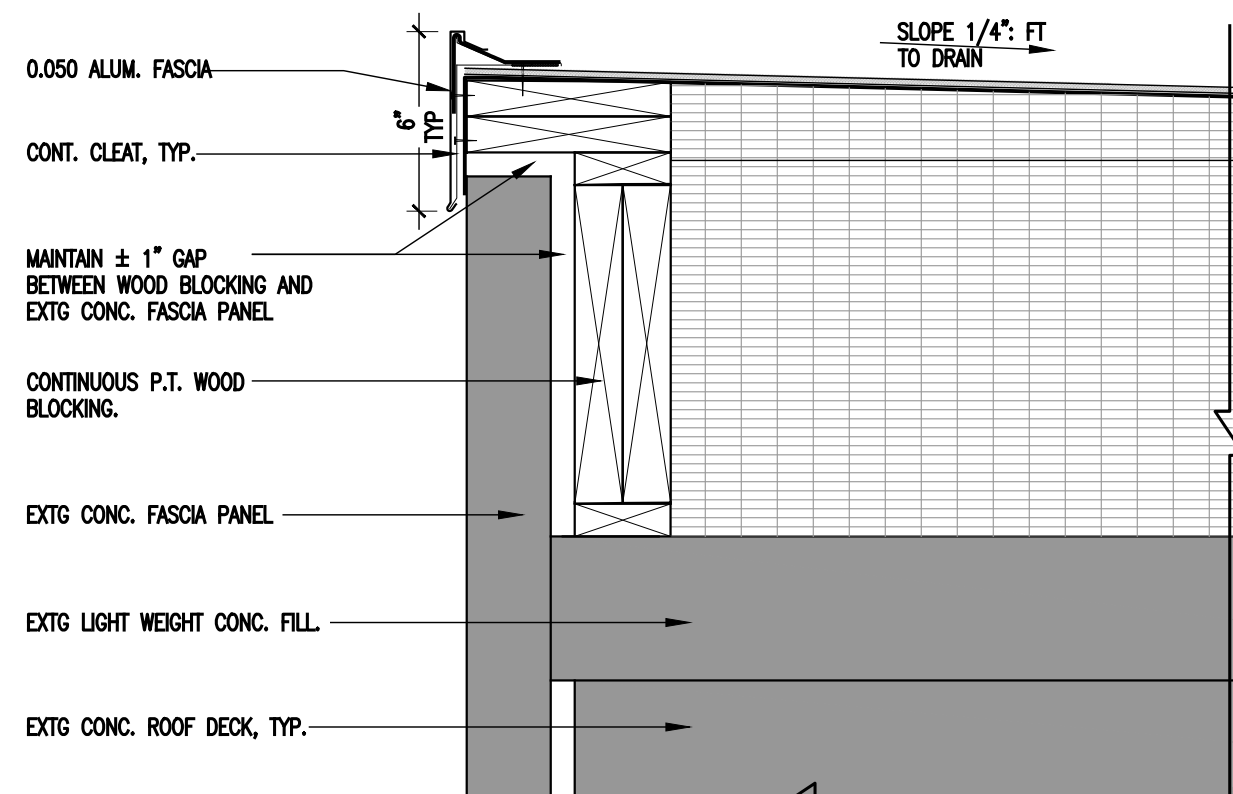
7 SADDLE/CRICKET CONDITIONS N.T.S.



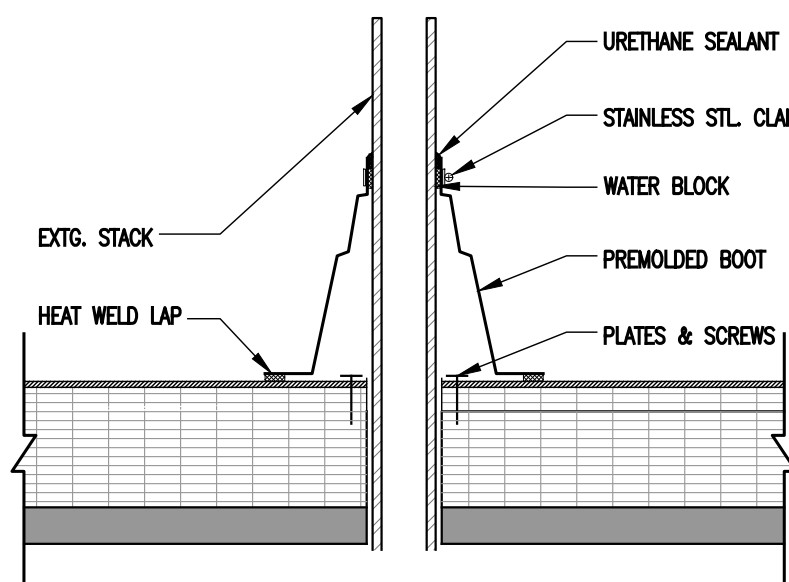
8 TYP. DETAIL @ SKYLIGHT 1 1/2\"/>



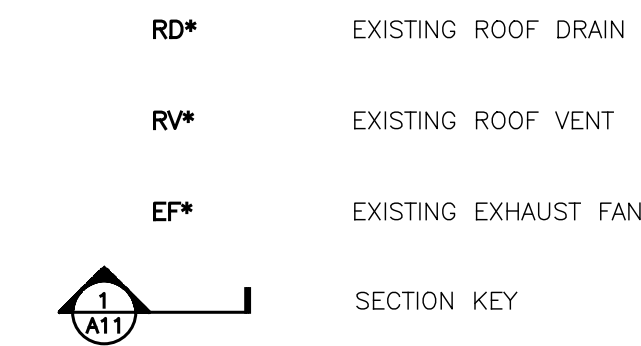
9 TYP. DTL. @ CURB 1 1/2\"/>



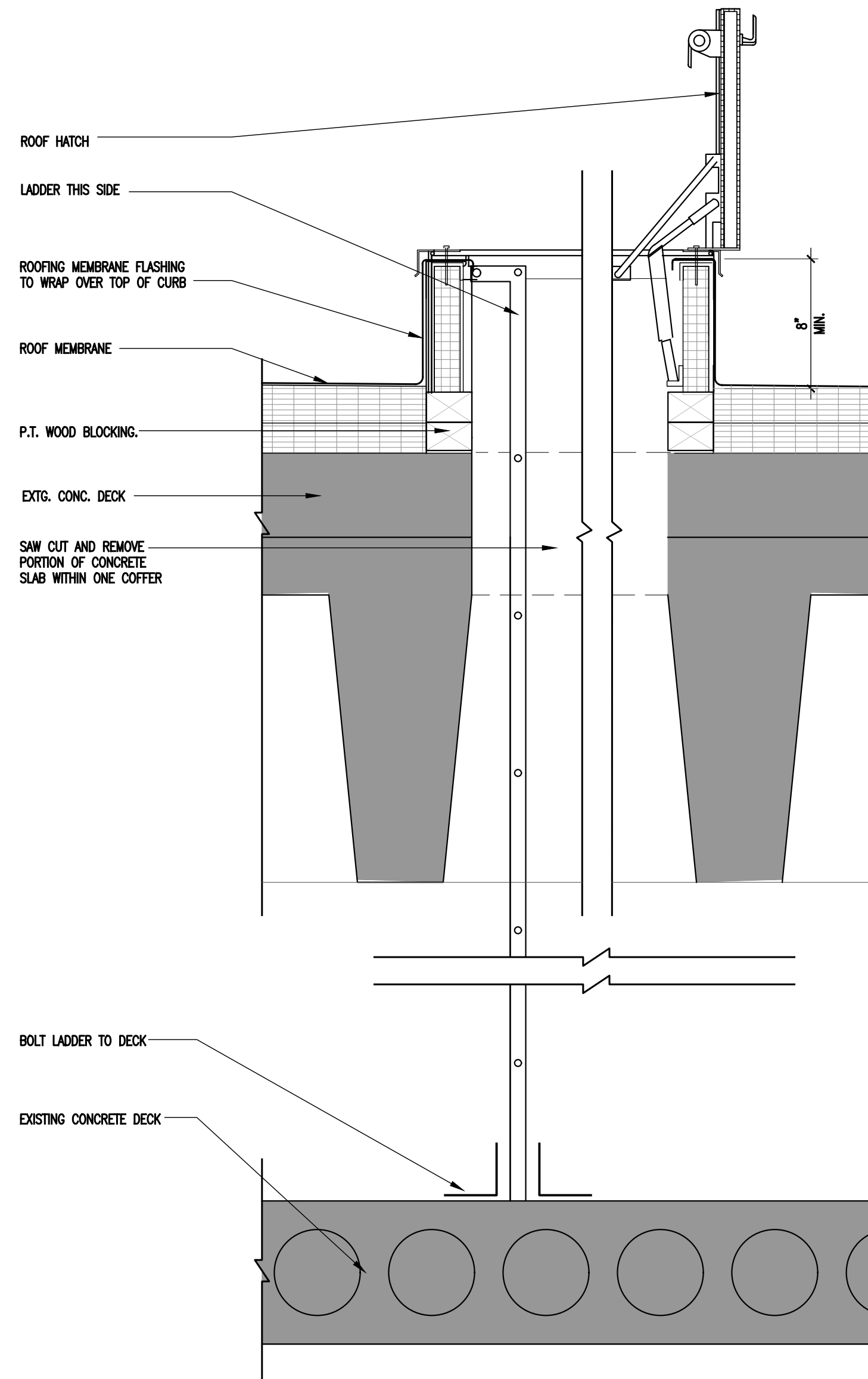
10 ROOF EDGE DETAIL 1 1/2\"/>



11 TYP. DTL. @ VENT PIPE 1 1/2\"/>



3 DRAWING LEGEND & SYMBOLS NTS



12 SECTION DTL. @ ROOF HATCH 1 1/2\"/>

DRAWING LIST

G.001 LOCATION MAP, ABBREVIATIONS, DETAILS & NOTES

A.101 ROOF PLAN, ROOF SPECIFICATIONS

BUILDING INFORMATION

USE GROUP: A3
OCCUPANCY: NO CHANGE IN AREA OR USE.

DESCRIPTION OF WORK
REMOVE EXISTING ROOF SYSTEM DOWN TO THE EXISTING DECK MATERIAL. INSTALL NEW ROOF SYSTEM.

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT BUILDING CODE AND ALL OTHER AUTHORITIES HAVING JURISDICTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL REQUIRED APPROVALS AND PERMITS TO PERFORM THE WORK HEREIN SPECIFIED.
2. CONTRACTOR WILL VERIFY THAT ALL EXISTING CONDITIONS IN THE FIELD CONFORM WITH THOSE DEPICTED ON THE PLANS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT.
3. FAILURE TO NOTIFY THE ARCHITECT OR OWNER OF UNSATISFACTORY CONDITIONS WILL BE CONSIDERED AS AN ACCEPTANCE OF THE CONDITIONS TO PROPERLY PERFORM THE REQUIRED WORK.
4. THE CONTRACTOR AND ALL OTHER TRADES SHALL NOT SCALE THE DRAWINGS.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN THE FOLLOWING PREVALING PROCEDURES WITH REGARD TO OPERATING IN THIS BUILDING:
 - A. STORAGE FACILITIES.
 - B. PROTECTION OF EXISTING WORK TO REMAIN.
 - C. ACCESS TO WORK AREA.
 - D. HOURS WORK IS PERMITTED.
 - E. AVAILABILITY OF WATER, POWER, TELEPHONE, TOILET FACILITIES FOR WORKMEN, POWER CHARACTERISTICS, RESTRICTIONS, PROTECTION LIMITATION.
 - F. ALL OTHER CONDITIONS AND RESTRICTIONS RELATING TO WORK AT THIS PARTICULAR LOCATION. THE CONTRACTOR IS SOLELY RESPONSIBLE TO CONFORM TO THE RESTRICTIONS AND/OR REQUIREMENTS.

6. CONTRACTOR SHALL COORDINATE THE REQUIREMENTS OF ALL TRADES INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF WORK.

7. GENERAL CONTRACTOR IS TO REMOVE GARBAGE AND RUBBISH AT THE END OF EACH DAY AND LEAVE THE PREMISES IN A NEAT AND ORDERLY MANNER.

8. PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL FURNISH A CALENDAR SHOWING THE CHRONOLOGICAL PHASES OF HIS WORK. THIS SCHEDULE SHALL INDICATE ALL ORDERING LEAD TIME FOR EACH PHASE, ITS START AND COMPLETION, WITH A PROJECTED COMPLETION DATE. THE GENERAL CONTRACTOR SHALL FURNISH REGULAR FIELD PROGRESS REPORTS TO THE ARCHITECT FOR ALL PHASES OF CONSTRUCTION.

9. THE GENERAL CONTRACTOR SHALL DO ALL PATCHING, CUTTING, AND FITTING OF WORK.

10. ALL PENETRATIONS THROUGH FIRE WALLS OR RATED WALLS ARE TO BE SEALED TO MAINTAIN INTEGRITY OF WALL CONSTRUCTION AND RATING.

11. BEFORE STARTING DEMOLITION OPERATIONS, PROVIDE THE NECESSARY PROTECTIVE DEVICES WHERE REQUIRED, AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS.

12. KEEP ALL ADJOINING PUBLIC AREAS CLEAN AND FREE OF DEBRIS OR CONSTRUCTION MATERIALS DURING WORKING HOURS, AND MAKE AN EFFORT TO PROVIDE SAFE CONDITIONS FOR THE GENERAL PUBLIC.

13. DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF THE SITE, ON A REGULAR BASIS, IN A LEGAL MANNER.

14. REPAIR AND/OR REPLACE EXISTING ITEMS NOT SCHEDULED OR NOTED TO BE DEMOLISHED, AND NOT SPECIFIED TO BE REMOVED, BUT WHICH BECOME DAMAGED DURING THE PROGRESS OF THE WORK. MAKE ALL SUCH REPAIRS, REPLACEMENTS AND MODIFICATIONS TO RESTORE THE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION AT THE TIME OF DAMAGE, TO THE SATISFACTION OF AND AT NO ADDITIONAL COST TO THE OWNER.

15. NOTIFY THE ARCHITECT OF ANY EXISTING DAMAGE TO THE BUILDING PRIOR TO START OF WORK.

05.06.20 OWNER REVIEW

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LOCATION MAP, DRAWING LIST ABBREVIATIONS, DETAILS & NOTES

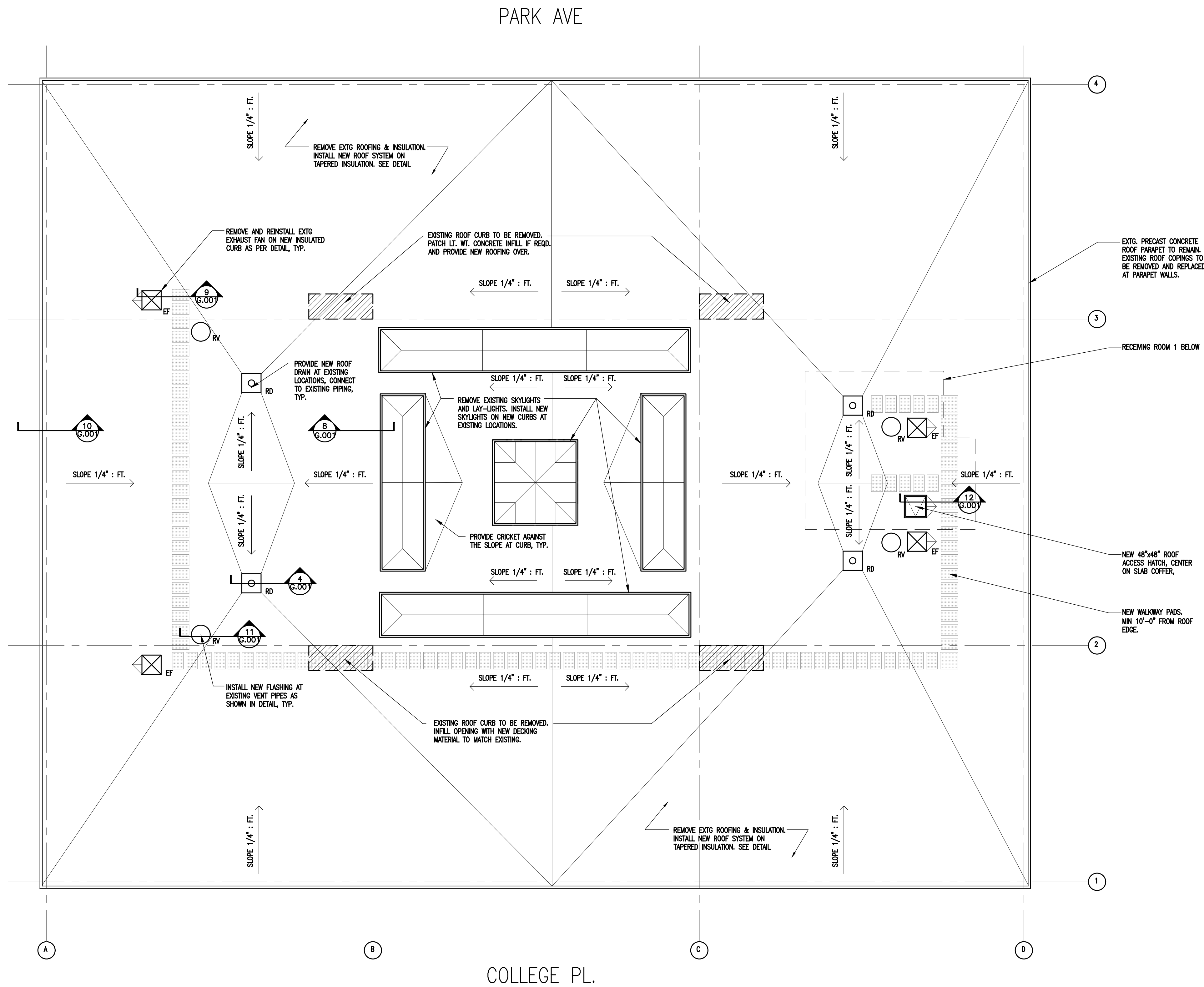
SCALE: AS NOTED

DATE: 05.06.2020

FILE: #2001

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G.001



1 ROOF PLAN

3/32" = 1'-0"



- Plans indicate the general intent and minimum amount of work required. Compare the plans with the existing conditions to determine the amount of work required.
- Contractor shall repair or replace at the direction of the architect, any and all equipment, parts of the building, property of the owner not specified to be removed, but which are damaged during the process of, and as a result of, the work of this section. Make any and all such repairs, replacements, and rectification to restore the damaged portions or items to at least their original condition at the time of damage, and without extra cost to the owner.
- Contractor shall furnish and maintain temporary types of protection as necessary to adequately protect and prevent accidental injury to the public and owner's personnel. Contractor shall keep trespassers off work areas. Properly secure work areas from entry when work is not in progress.
- All emergency exits shall be kept clear and accessible at all times.
- All material debris and rubbish resulting from demolition work, shall be cleaned up and removed from building and site and legally disposed of. leave all areas of work in "broom clean" condition.
- Contractor shall execute the work in a careful and orderly manner with the least possible disturbance to the public.
- Location of all rooftop equipment, penetrations, etc are approximate. Contractor to verify all in field.
- Contractor to test each roof drain for proper operation (no clogs) prior to demolition work in presence of owner. Contractor shall be responsible for maintenance of same throughout construction.
- Contractor shall supply own electrical power via portable generator on roof.
- Contractor is responsible for protection of site from debris and material storage. Any grassed areas, plantings and pavement damaged as a result of this contract shall be repaired to the owners and architects satisfaction.
- Remove existing Roof system to expose existing decking.
- Remove all existing insulation, adhesives, fasteners etc. from existing deck. Patch and prep existing roof deck as required for new roofing system prior to start of new roof.

- Install new tapered Insulation on existing deck. Slope to existing roof drains. Min. thickness of insulation to be 2". Verify the insulation layout to insure that all penetrations through roof extend a minimum of 8" above roof.
- Install membrane Roofing System. Membrane to extend to up and over existing parapet. Remove existing coping and install new roof edge system as specified, sloped to the inside of the roof as shown on the roof details.
- GC to insure that membrane Roofing System is installed properly and by manufacturers specifications and requirements. Provide shop drawings to be approved by the architect prior to installation. GC to insure no water penetration to the interior of the building after installation.
- GC must protect the new roof membrane throughout the progress of work. The final surface must be clean and free of dirt, glue, stains, etc.

ROOF SYSTEM

- All roofing to slope toward drains at 1/4" per foot minimum.
- Blocking shown on the drawings is for general intent and may not accurately depict the actual blocking required throughout the project. GC is responsible to provide the sizes and quantities of blocking required for varying slopes and conditions.

BASIS OF DESIGN
GAF EVERGUARD EXTREME TPO 80 MIL. FLEECE BACK MEMBRANE SYSTEM WITH SBS MOD BIT INTERPLY SHEET OVER GYP-FIBER COVER BOARD AND POLYSTO ROOF INSULATION. SEE SPECIFICATION SECTION 075423 - "TPO ROOFING" FOR ADDITIONAL INFORMATION. PROVIDE 35 YEAR EVERGUARD DIAMOND PLEDGE ND. L. ROOF GUARANTEE.

ROOF HATCH

BASIS OF DESIGN
BABCOCK-DAVIS BA4848 48"x48" PERSONNEL II ALUMINUM ROOF HATCH- LADDER ACCESS OR APPROVED EQUAL. COVER AND FRAME TO BE 14 GAUGE WITH G-90 PAINT BOND GALVANIZED STEEL.

SKYLIGHT

- Product to meet local and state standards & the intent of the osha standard 29 cfr-1910 23(e)(8) and was tested to 775 ft-lbs.
- Verify all dimensions in the field before ordering unit.
- Provide all necessary roof framing, blocking & fasteners required for a secure and safe installation. coord with roof contractor for a weathertight installation.

BASIS OF DESIGN: KALWALL-PYRAMID, METAL-FRAMED SKYLIGHTS WITH TRANSLUCENT FIBERGLASS SANDWICH PANELS. SEE SPECIFICATION SECTION 086300.

05.06.20 OWNER REVIEW

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ROOF PLAN, ROOF NOTES ROOF SPECIFICATIONS

SCALE: AS NOTED

DATE: 05.06.2020

FILE: #2001 2001_A.101 Roof Plan.dwg

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A.101