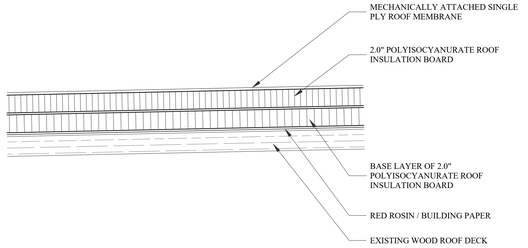
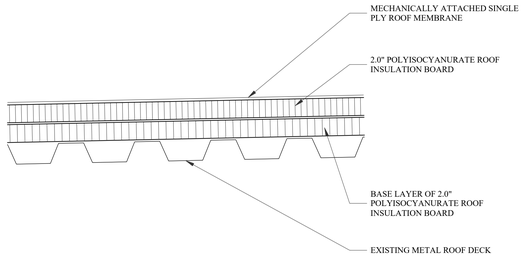


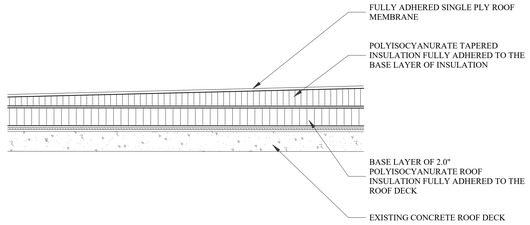
ROOF ASSEMBLY (WOOD ROOF DECK)

DETAIL 1/R200



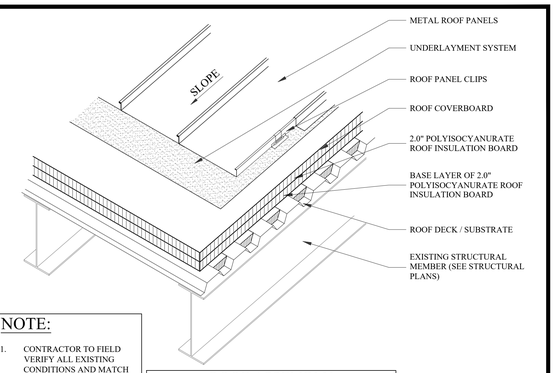
ROOF ASSEMBLY (METAL ROOF DECK)

DETAIL 2/R200



ROOF ASSEMBLY (CONCRETE ROOF DECK)

DETAIL 3/R200



NOTE:

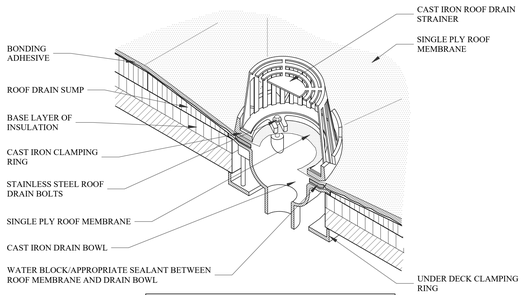
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND MATCH EXISTING CONDITIONS DURING REINSTALLATION OF THE FRAMING / SUBSTRATE / STEEP SLOPE ROOF SYSTEM.

ROOF ASSEMBLY (SSMR RECOVER / RETROFIT)

DETAIL 4/R200

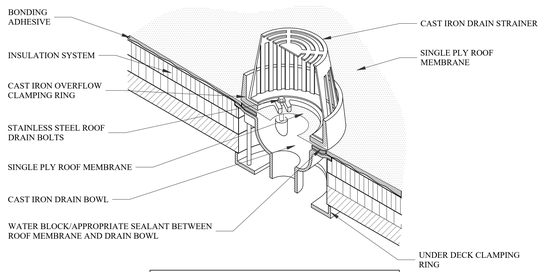
NOTES:

1. ROOF DRAIN SUMPS TO BE A MINIMUM OF 4'X4' UNLESS INDICATED OTHERWISE.



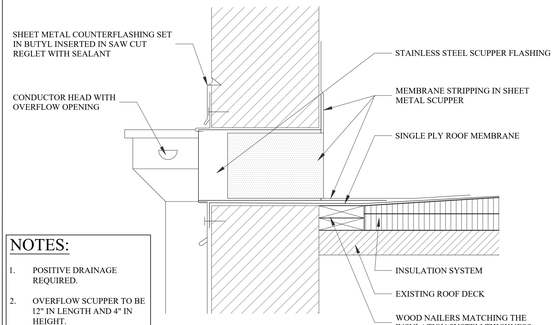
ROOF DRAIN

DETAIL 5/R200



OVERFLOW ROOF DRAIN

DETAIL 6/R200

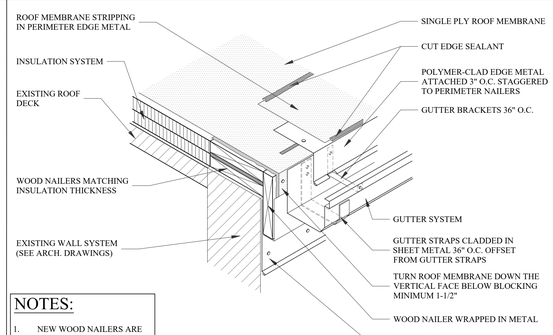


NOTES:

1. POSITIVE DRAINAGE REQUIRED.
2. OVERFLOW SCUPPER TO BE 12" IN LENGTH AND 4" IN HEIGHT.
3. DOWNSPOUT TO BE A MINIMUM OF 4"X5".
4. SPLASH PANS TO BE PROVIDED WHERE DOWNSPOUTS DISPERSE ONTO LOWER ROOF AREAS.

THROUGH WALL DRAIN SCUPPER

DETAIL 7/R200

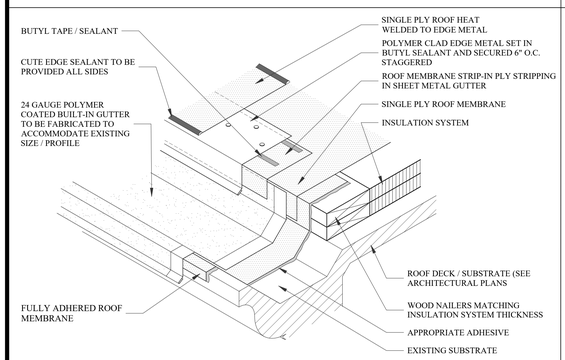


NOTES:

1. NEW WOOD NAILERS ARE REQUIRED AROUND THE PERIMETER AS NECESSARY TO ACCOMMODATE DETAIL.
2. SEE ARCHITECTURAL PLANS FOR ADDITIONAL REQUIREMENTS.

ROOF EDGE WITH GUTTER SYSTEM

DETAIL 8/R200

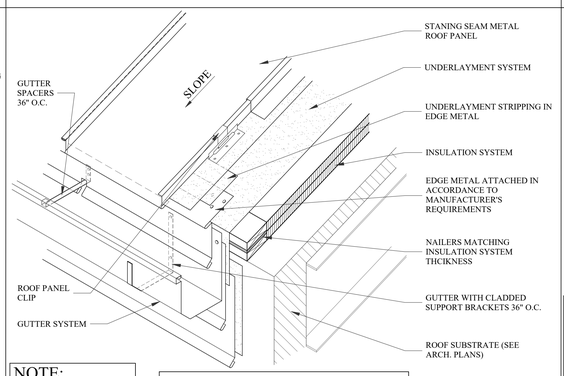


NOTE:

1. SEE ARCHITECTURAL PLANS FOR ADDITIONAL REQUIREMENTS.

ROOF EDGE WITH BUILT-IN GUTTER SYSTEM

DETAIL 9/R200

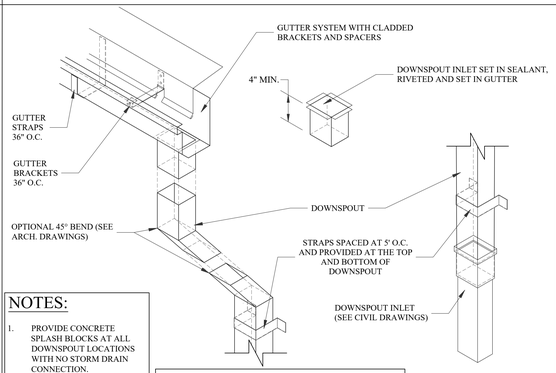


NOTE:

1. SEE ARCHITECTURAL PLANS FOR ADDITIONAL REQUIREMENTS.

ROOF EDGE WITH GUTTER SYSTEM

DETAIL 10/R200

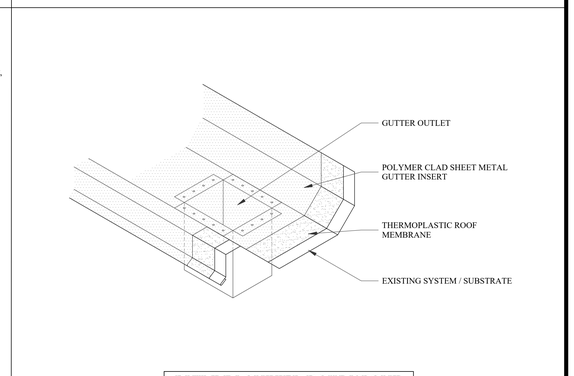


NOTES:

1. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS WITH NO STORM DRAIN CONNECTION.
2. SPLASH PANS TO BE PROVIDED WHERE DOWNSPOUTS DISPERSE ONTO LOWER ROOF AREAS.

GUTTER AND DOWNSPOUT

DETAIL 11/R200

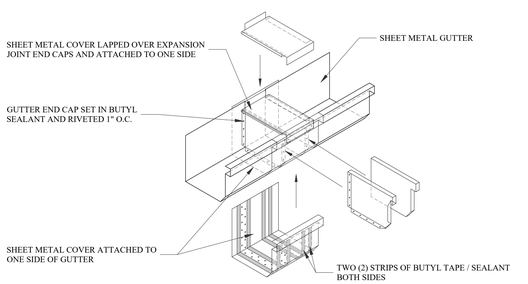


BUILT IN GUTTER DOWNSPOUT OUTLET

DETAIL 12/R200

NOTE:

1. GUTTER EXPANSION JOINTS TO BE PROVIDED EVERY 40-45 FEET OR AT THE MIDPOINT OF A SINGLE GUTTER SPAN WHERE ONE GUTTER EXPANSION JOINT IS PROPOSED. SEE ROOF PLANS FOR APPROXIMATE LOCATIONS.

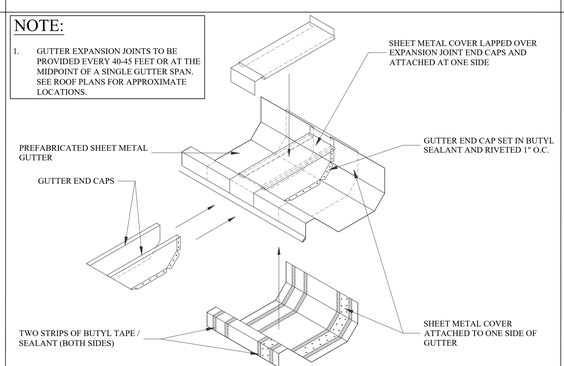


GUTTER EXPANSION JOINT

DETAIL 13/R200

NOTE:

1. GUTTER EXPANSION JOINTS TO BE PROVIDED EVERY 40-45 FEET OR AT THE MIDPOINT OF A SINGLE GUTTER SPAN. SEE ROOF PLANS FOR APPROXIMATE LOCATIONS.

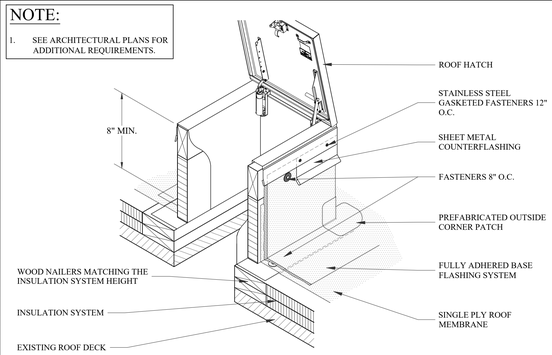


BUILT IN GUTTER EXPANSION JOINT

DETAIL 14/R200

NOTE:

1. SEE ARCHITECTURAL PLANS FOR ADDITIONAL REQUIREMENTS.

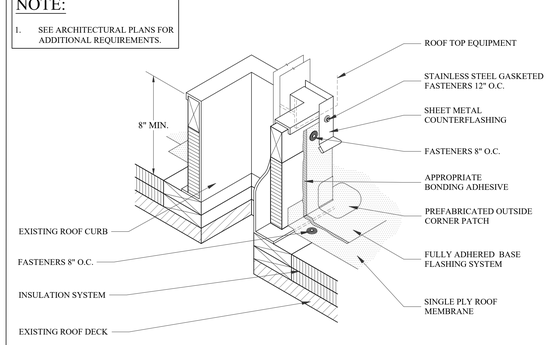


ROOF HATCH

DETAIL 15/R200

NOTE:

1. SEE ARCHITECTURAL PLANS FOR ADDITIONAL REQUIREMENTS.



ROOF CURB

DETAIL 16/R200

GMK ASSOCIATES, INC.

Design/Planning/Construction
1201 Main Street, Suite 2100
Columbia, S.C. 29201
tel. 803-256-0000
fax 803-255-7243

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client

admin THE SOUTH CAROLINA DEPARTMENT of ADMINISTRATION

THE SOUTH CAROLINA DEPARTMENT OF ADMINISTRATION
State Project #D50-6037-PD

project name

COLUMBIA MILLS ROOF REPLACEMENT & ATRIUM ROOF/ WINDOW REPLACMENT

A/E project number

20058.01

seals/signature

Christopher Wells, Registered Architect, 15571, IIBEC

issued for

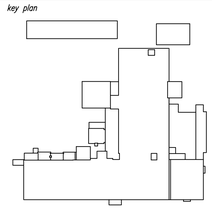
CONSTRUCTION DOCUMENTS

date

APRIL 14, 2022

number	item	date

key plan



sheet title

DETAILS

sheet number

R200

drawn by PD

checked by CW