

**GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES**

**DEPARTMENT OF CORRECTIONS ROOF REPLACEMENT  
Solicitation Number: DCAM-16-CS-0091  
Invitation-for-Bids**

**Amendment No. 2**

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This Amendment No. 2 is being issued on March 29, 2016. Except as modified hereby, the Invitation-for-Bid ("IFB") remains unmodified.

**Item# 1** G.2 Pre-Bid Conference and Site Visits

**Delete:** A second pre-bid conference will be held March 30, 2016 at 10:30 am at the 1250 U St, 4th Floor Capitol Hill Conference Room Washington, DC 20009. A second site visit will be held April 1, 2016 starting at 11:00 am at Central Detention Center 1901 D Street, Washington, DC 20003. Cellphones will not be allowed at the site visit.

**Insert:** A second pre-bid conference will be held March 30, 2016 at 10:30 am at the DOC Armory located at 1998 E St, Washington, DC 20003. A second site visit will be held immediately following pre-bid conference, cellphones will not be allowed at the site visit.

**Item# 2** Drawings

Please see revised Drawings (**Exhibit 1**).

- End of Amendment No. 2 -

**Exhibit 1**  
**Drawings Revised 3-18-2016**

# ROOFING REPLACEMENT



*BLUEFIN LLC CORPORATE OFFICE*  
6312 S. Fiddlers Green Circle Suite 100E  
Greenwood Village, CO 80111  
TEL: 866-735-0728

*MID-ATLANTIC OFFICE*  
2134 Espey Court Suite 14  
Crofton, MD 21114  
TEL: 410-881-0221

## CENTRAL DETENTION FACILITY

1901 D STREET, SE  
WASHINGTON DC

## DISTRICT OF COLUMBIA DEPARTMENT OF CORRECTIONS



AERIAL SITE PHOTO

### DRAWING INDEX

- C1.0 COVER PAGE
- R1.0 KEY ROOF PLAN - PHASES AND ROOF TYPES
- R1.1 PHASE 2 ROOF PLANS
- R1.2 PHASE 3 ROOF PLAN
- R1.3 PHASE 4 ROOF PLANS
- R1.4 ROOF DETAILS - TYPE 1 ROOF
- R1.5 ROOF / TYPICAL DETAILS - TYPE 3 ROOF
- R1.6 ROOF DETAILS - TYPE 2 ROOF
- R1.7 TYPICAL ROOF DETAILS - TYPE 1 ROOF
- R1.8 TYPICAL ROOF DETAILS - TYPE 2 ROOF

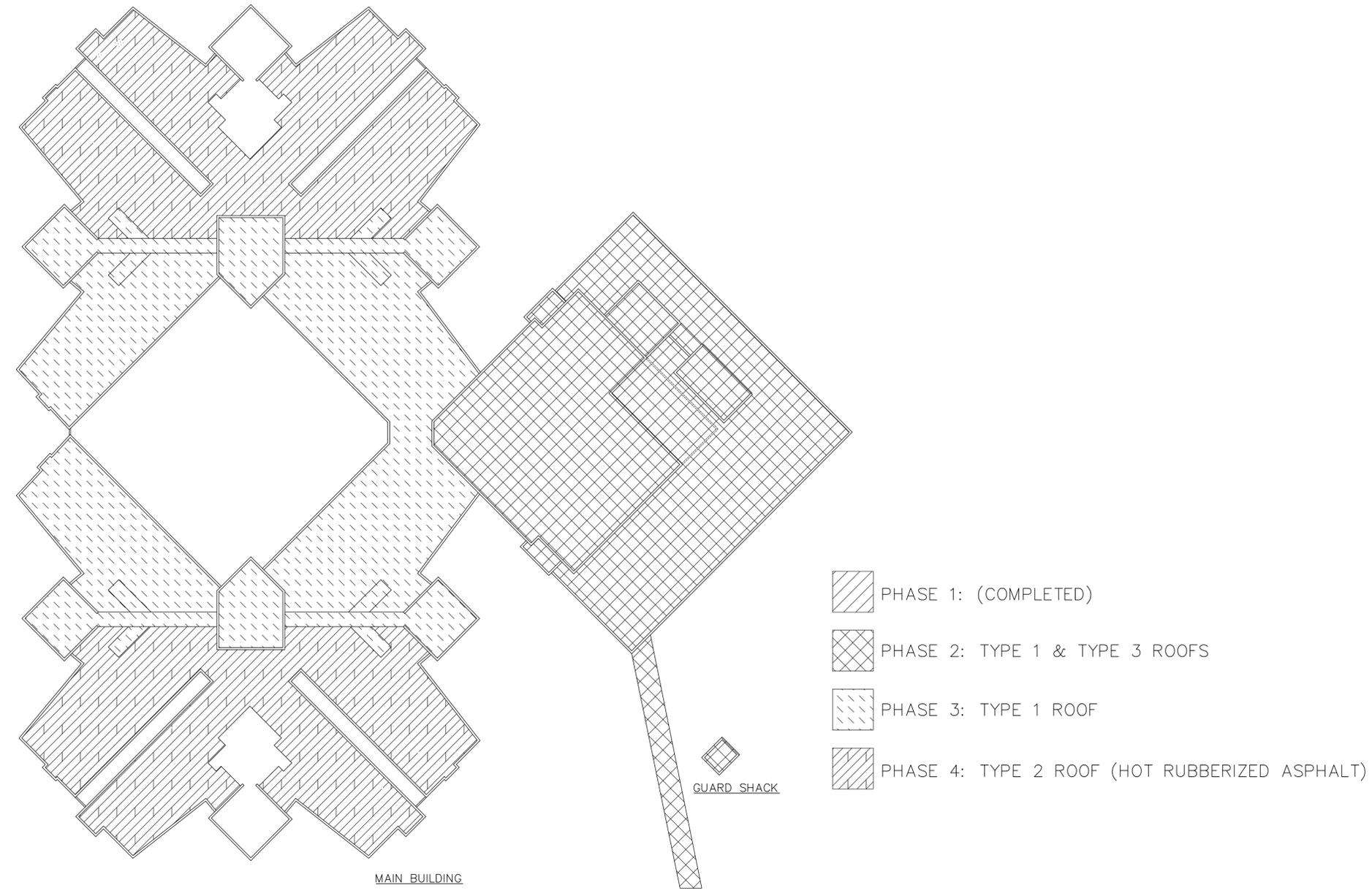
DRAWING TITLE  
**COVER PAGE**

SHEET NUMBER  
**C1.0**

PROJECT  
**ROOFING REPLACEMENT**

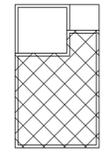
Central Detention Facility  
 1901 D Street, SE  
 Washington DC

**District of Columbia  
 Department of Corrections**



MAIN BUILDING

GUARD SHACK



ARMORY

-  PHASE 1: (COMPLETED)
-  PHASE 2: TYPE 1 & TYPE 3 ROOFS
-  PHASE 3: TYPE 1 ROOF
-  PHASE 4: TYPE 2 ROOF (HOT RUBBERIZED ASPHALT)

NUMBER	DATE	COMMENTS

**IN-PROGRESS  
 NOT FOR  
 CONSTRUCTION**

3/18/16      95% REVIEW SET

DRAWING TITLE  
**KEY ROOF PLAN  
 PHASES AND  
 ROOF TYPES**

SHEET NUMBER  
**R1.0**

**KEY ROOF PLAN**  
 N.T.S.



Actual Size to read of scale  
 0 IN 1 IN 2 IN

PROJECT  
**ROOFING REPLACEMENT**

Central Detention Facility  
1901 D Street, SE  
Washington DC

District of Columbia  
Department of Corrections

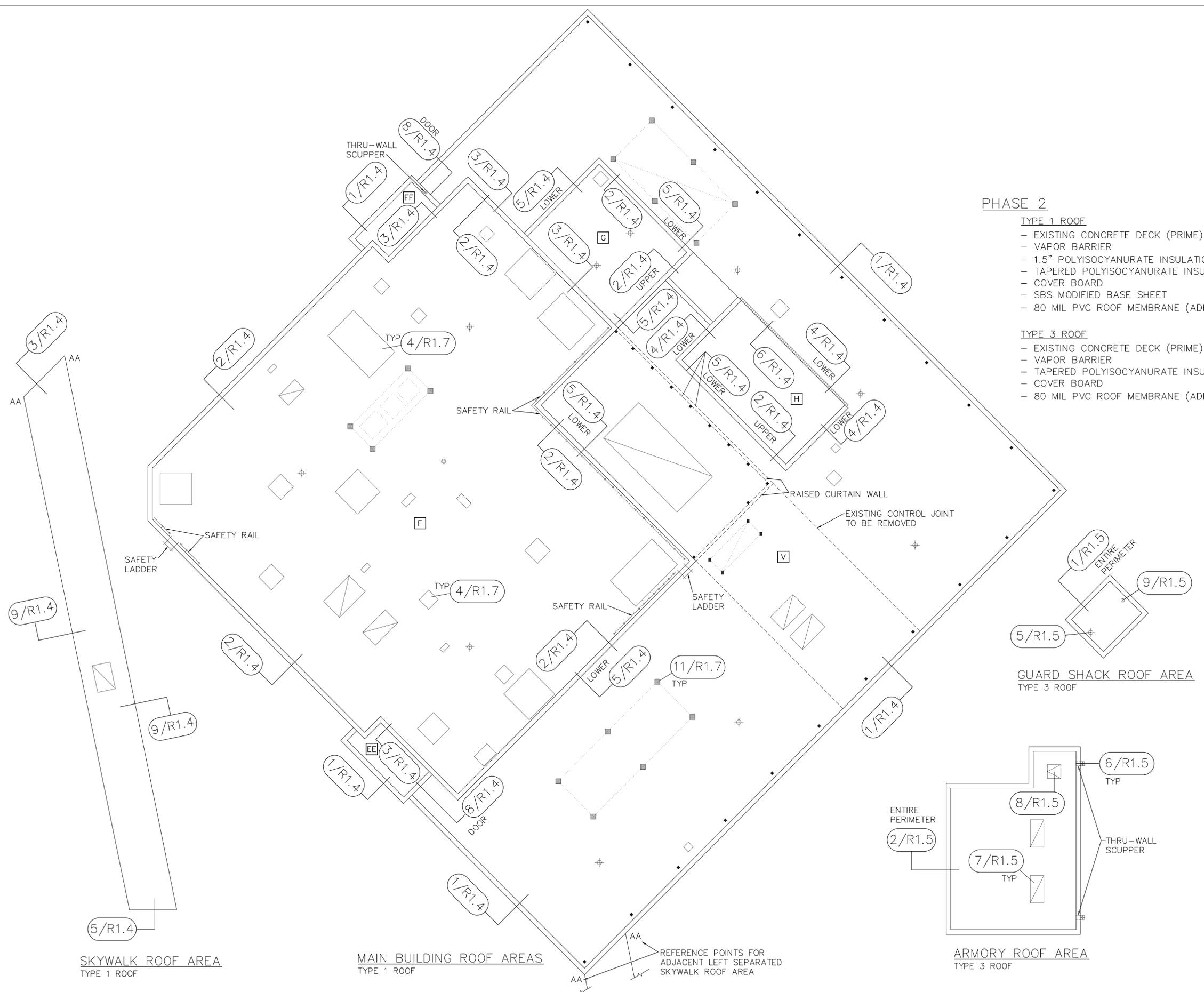
PHASE 2

TYPE 1 ROOF

- EXISTING CONCRETE DECK (PRIME)
- VAPOR BARRIER
- 1.5" POLYISOCYANURATE INSULATION
- TAPERED POLYISOCYANURATE INSULATION
- COVER BOARD
- SBS MODIFIED BASE SHEET
- 80 MIL PVC ROOF MEMBRANE (ADHERED)

TYPE 3 ROOF

- EXISTING CONCRETE DECK (PRIME)
- VAPOR BARRIER
- TAPERED POLYISOCYANURATE INSULATION
- COVER BOARD
- 80 MIL PVC ROOF MEMBRANE (ADHERED)



GUARD SHACK ROOF AREA  
TYPE 3 ROOF

ARMORY ROOF AREA  
TYPE 3 ROOF

SKYWALK ROOF AREA  
TYPE 1 ROOF

MAIN BUILDING ROOF AREAS  
TYPE 1 ROOF

**PHASE 2 ROOF PLANS**  
N.T.S.



KEY

□	ROOF AREA DESIGNATION
+	ROOF DRAIN
+	THRU-WALL SCUPPER
+	ROOF EDGE SCUPPER
+	GUTTER EDGE
+	CURBED OPENING
+	R.V.A.C. CURB
+	ROOF HATCH
+	CURBED STACK
+	SKYLIGHT
+	CHIMNEY
+	PIPE PORTAL CURB
+	ROOF LADDER
+	PIPE VENT
+	SMALL PIPE PENETRATION
+	PITCH PAN
+	EXPANSION JOINT
+	SLOPE TRANSITION
+	ABANDONED EQUIPMENT

NUMBER	DATE	COMMENTS

**IN-PROGRESS  
NOT FOR  
CONSTRUCTION**

3/18/16 95% REVIEW SET

DRAWING TITLE

**PHASE 2  
ROOF PLANS**

SHEET NUMBER

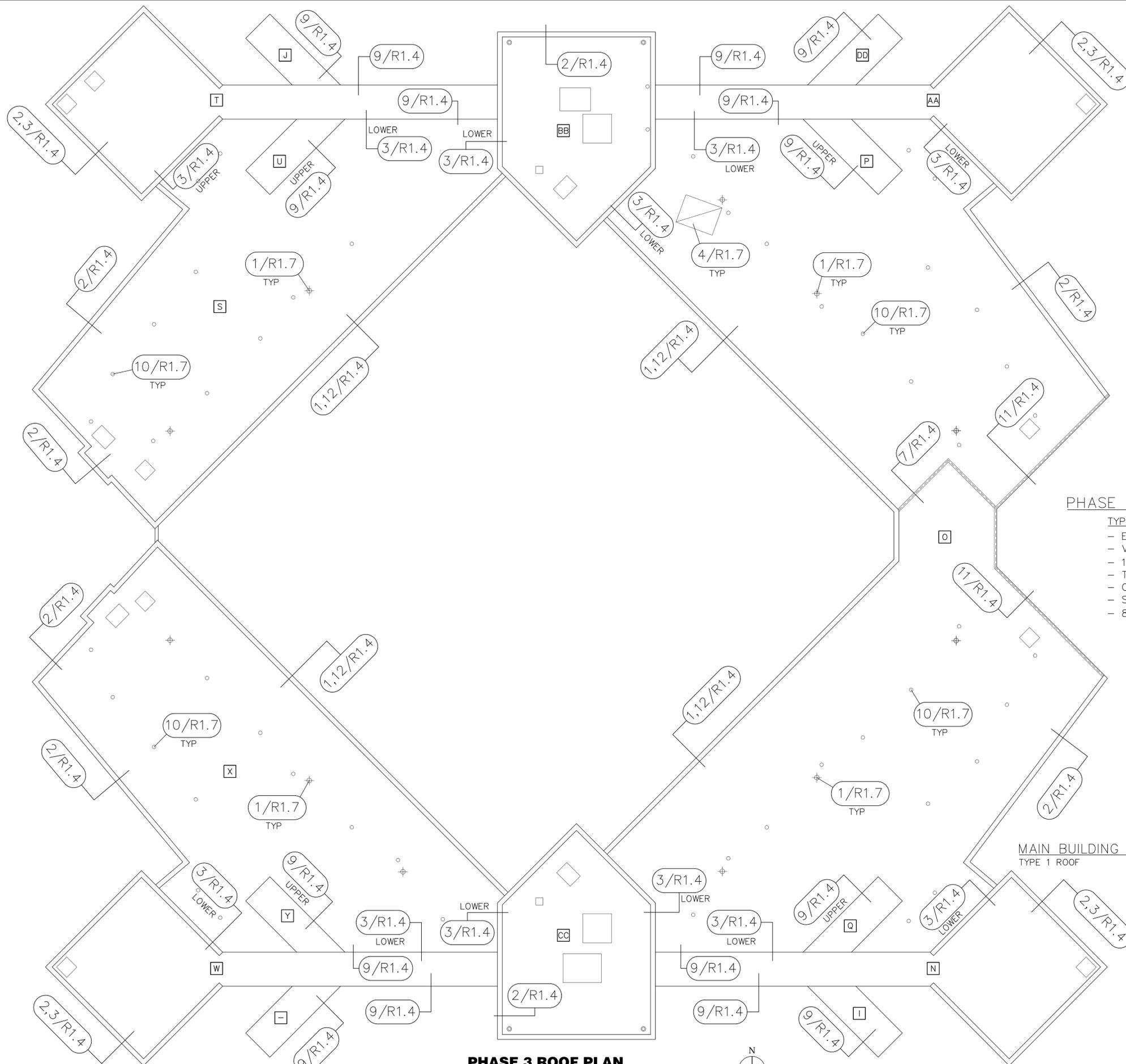
**R1.1**

Actual Size to read of scale  
0 IN 1 IN 2 IN

PROJECT  
**ROOFING REPLACEMENT**

Central Detention Facility  
1901 D Street, SE  
Washington DC

**District of Columbia  
Department of Corrections**



**PHASE 3**

**TYPE 1 ROOF**

- EXISTING CONCRETE DECK (PRIME)
- VAPOR BARRIER
- 1.5" POLYISOCYANURATE INSULATION
- TAPERED POLYISOCYANURATE INSULATION
- COVER BOARD
- SBS MODIFIED BASE SHEET
- 80 MIL PVC ROOF MEMBRANE (ADHERED)

**MAIN BUILDING ROOF AREAS  
TYPE 1 ROOF**

**PHASE 3 ROOF PLAN**

N.T.S.



DRAWING DATES		
NUMBER	DATE	COMMENTS

**IN-PROGRESS  
NOT FOR  
CONSTRUCTION**

3/18/16      95% REVIEW SET

DRAWING TITLE  
**PHASE 3  
ROOF PLAN**

SHEET NUMBER  
**R1.2**

**KEY**

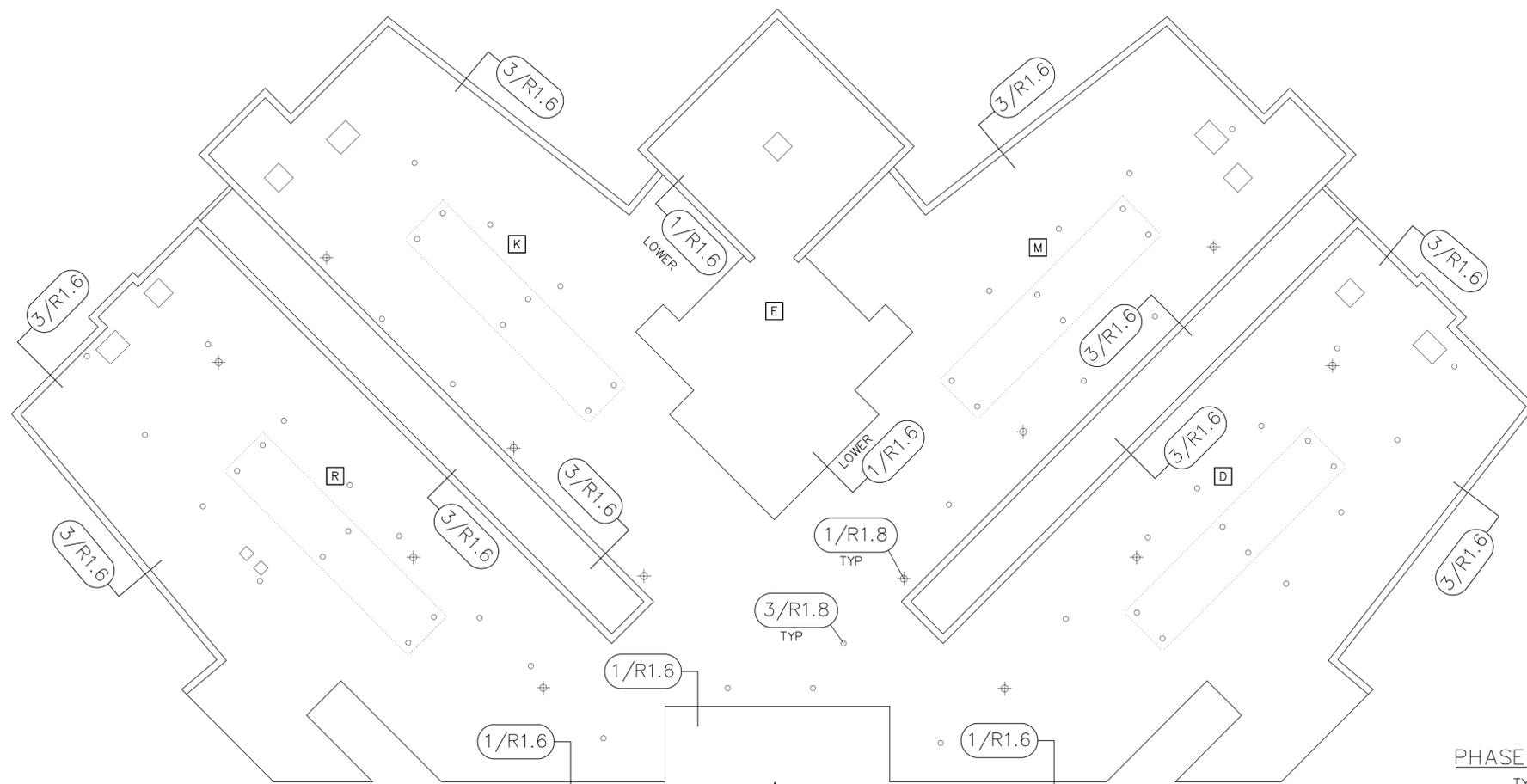
□	- ROOF AREA DESIGNATION
+	- ROOF DRAIN
+	- THRU-WALL SCUPPER
+	- ROOF EDGE SCUPPER
+	- GUTTER EDGE
+	- CURBED OPENING
+	- R.V.A.C. CURB
+	- ROOF HATCH
+	- CURBED STACK
+	- CHIMNEY
+	- PIPE PORTAL CURB
+	- ROOF LADDER
+	- PIPE VENT
+	- SOIL STACK
+	- SMALL PIPE PENETRATION
+	- PITCH PAN
+	- EXPANSION JOINT
+	- SLOPE TRANSITION
+	- ABANDONED EQUIPMENT

Actual Size to read at scale  
0 IN 1 IN 2 IN

PROJECT  
**ROOFING REPLACEMENT**

Central Detention Facility  
1901 D Street, SE  
Washington DC

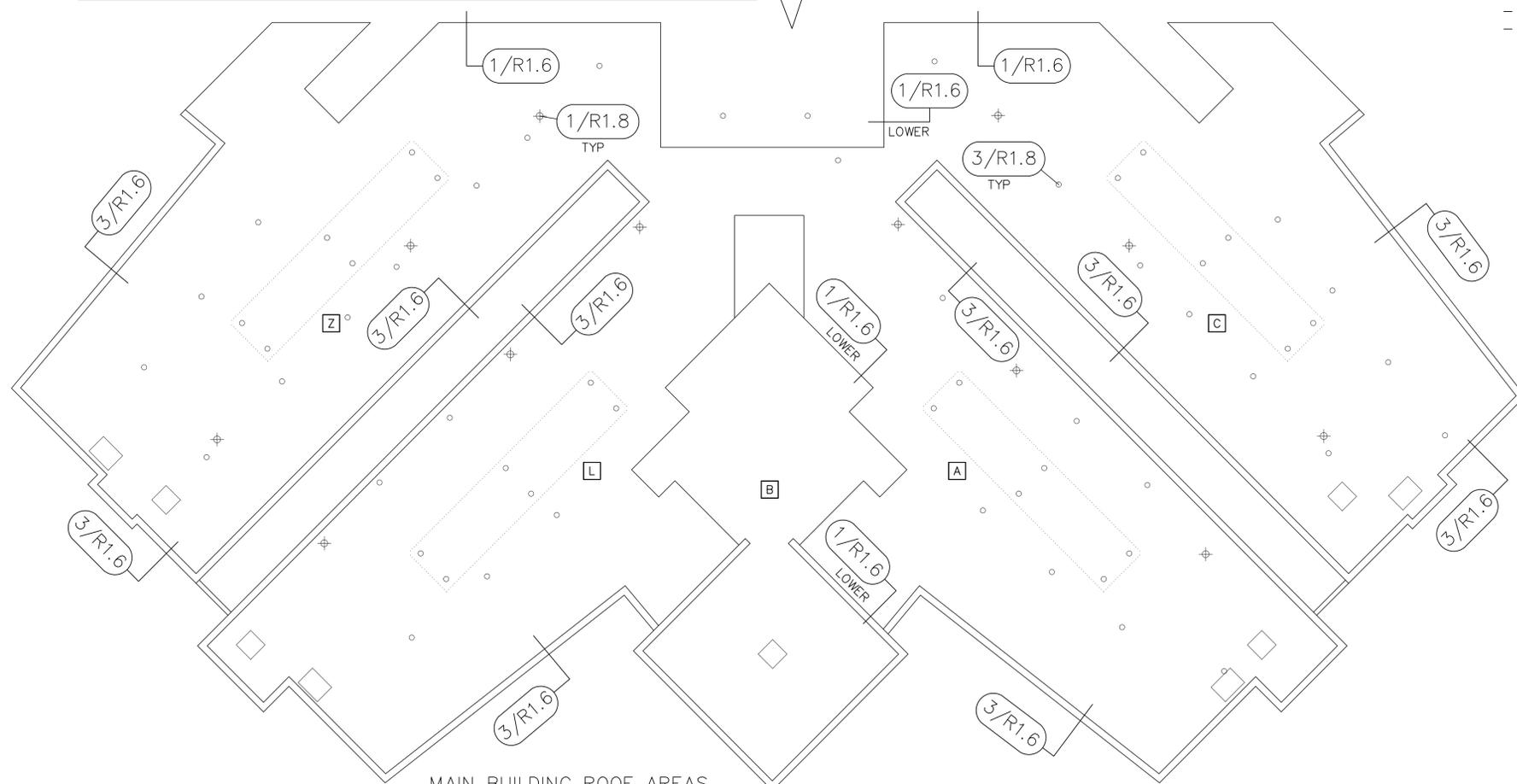
**District of Columbia  
Department of Corrections**



**PHASE 4**

**TYPE 2 ROOF**

- EXISTING CONCRETE DECK (PRIME)
- HOT RUBBERIZED ASPHALT
- REINFORCED HFA SYSTEM WITH SBS CAP SHEET



MAIN BUILDING ROOF AREAS  
TYPE 2 ROOF

**PHASE 4 ROOF PLANS**

N.T.S



DRAWING DATES		
NUMBER	DATE	COMMENTS

**IN-PROGRESS  
NOT FOR  
CONSTRUCTION**

3/18/16      95% REVIEW SET

DRAWING TITLE

**PHASE 4  
ROOF PLANS**

SHEET NUMBER

**R1.3**

**KEY**

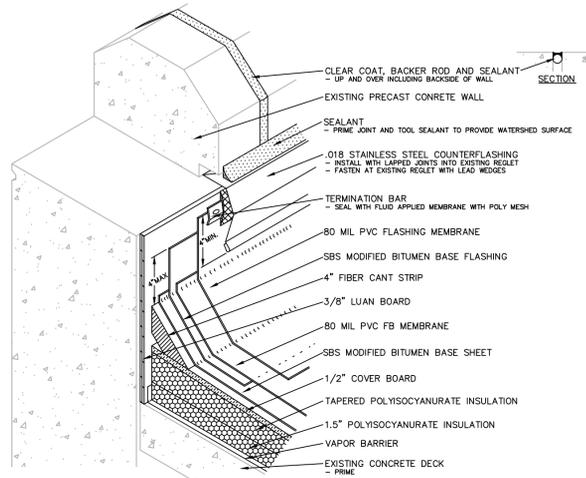
- - ROOF AREA DESIGNATION
- ⊕ - ROOF DRAIN
- ⊕ - THRU-WALL SCUPPER
- ⊕ - ROOF EDGE SCUPPER
- - GUTTER EDGE
- - GUTTER EDGE
- - CURBED OPENING
- - R.V.A.C. CURB
- - ROOF HATCH
- - CURBED STACK
- - SKYLIGHT
- - CHIMNEY
- - PIPE PORTAL CURB
- - ROOF LADDER
- - PIPE VENT
- - SOIL STACK
- - SMALL PIPE PENETRATION
- - PITCH PAN
- - EXPANSION JOINT
- - SLOPE TRANSITION
- - ABANDONED EQUIPMENT

Actual Size to Face of Scale  
0 IN 1 IN 2 IN

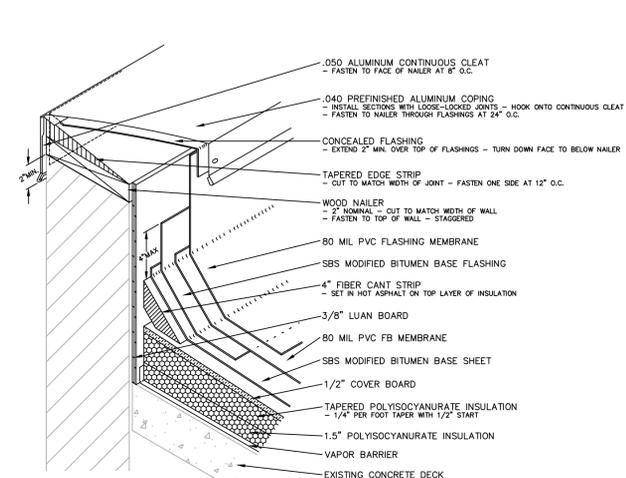
PROJECT  
**ROOFING REPLACEMENT**

Central Detention Facility  
1901 D Street, SE  
Washington DC

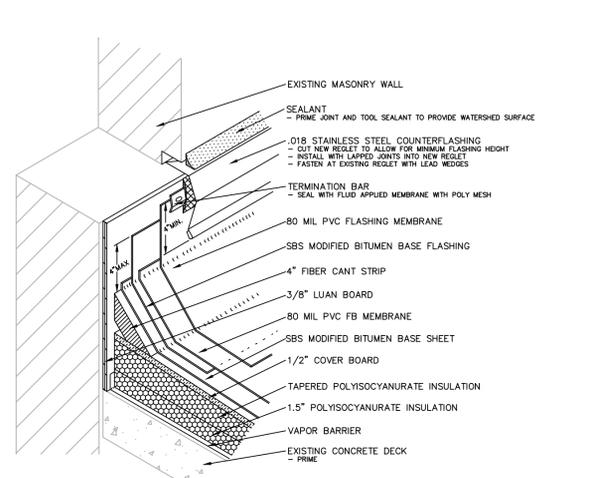
District of Columbia  
Department of Corrections



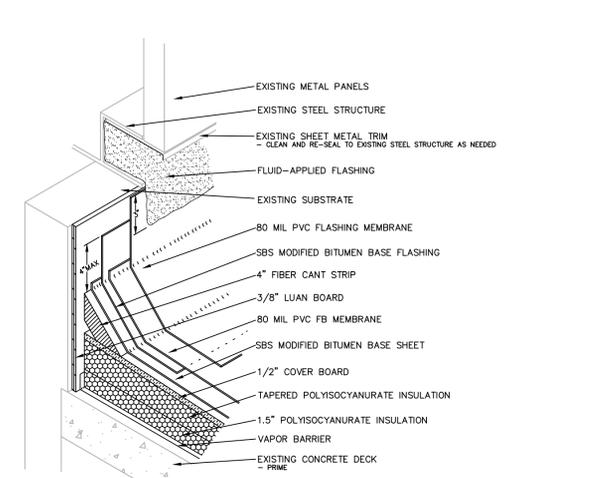
**1 PARAPET FLASHING**  
N.T.S.



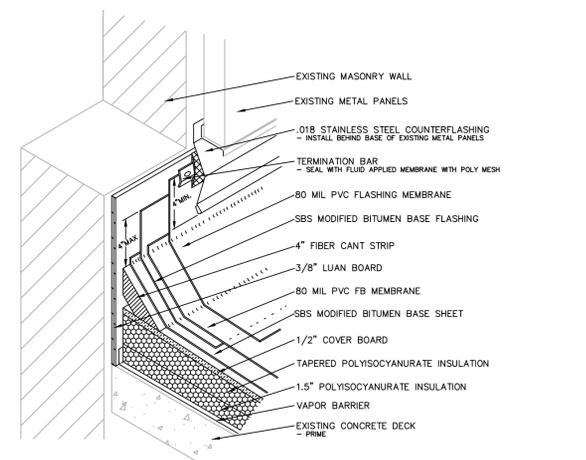
**2 PARAPET FLASHING**  
N.T.S.



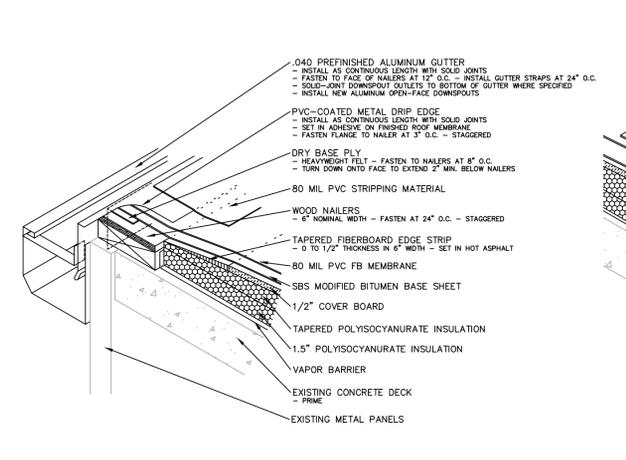
**3 WALL FLASHING**  
N.T.S.



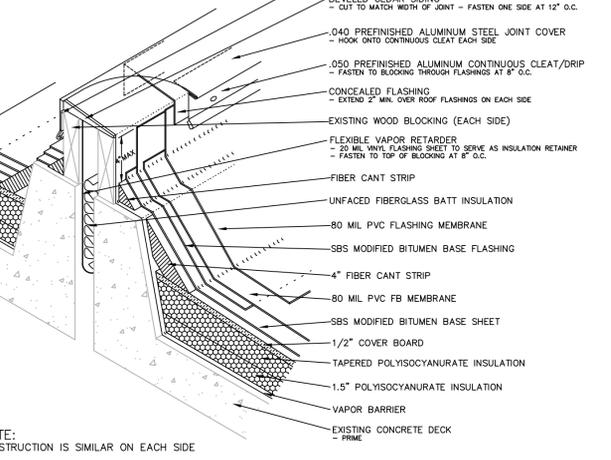
**4 WALL FLASHING**  
N.T.S.



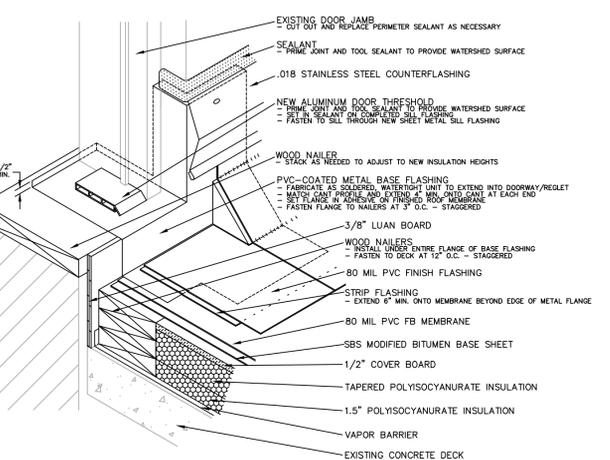
**5 WALL FLASHING**  
N.T.S.



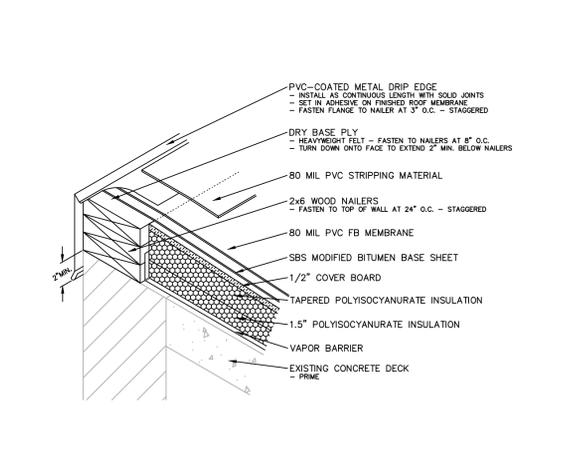
**6 GUTTER EDGE**  
N.T.S.



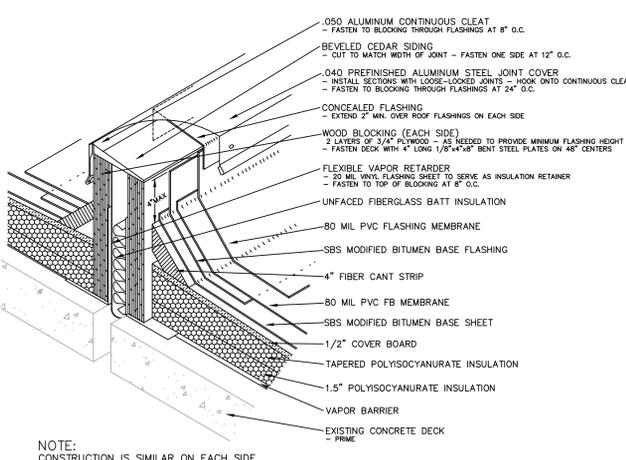
**7 EXPANSION JOINT FLASHING**  
N.T.S.



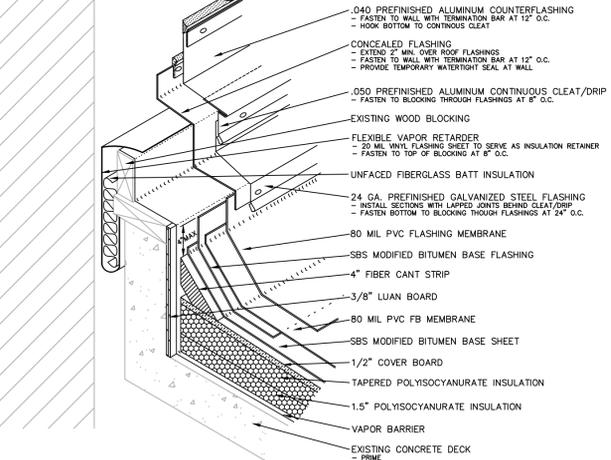
**8 DOOR THRESHOLD FLASHING**  
N.T.S.



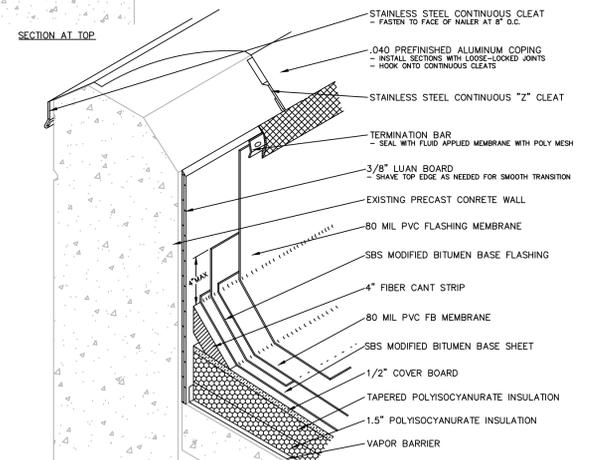
**9 ROOF EDGE FLASHING**  
N.T.S.



**10 CONTROL JOINT FLASHING**  
N.T.S.



**11 WALL EXPANSION JOINT FLASHING**  
N.T.S.



**12 PARAPET FLASHING ALT. ADD. 2**  
N.T.S.

NUMBER	DATE	COMMENTS

IN-PROGRESS  
NOT FOR  
CONSTRUCTION

3/18/16 95% REVIEW SET

DRAWING TITLE  
**ROOF DETAILS -  
TYPE 1 ROOF**

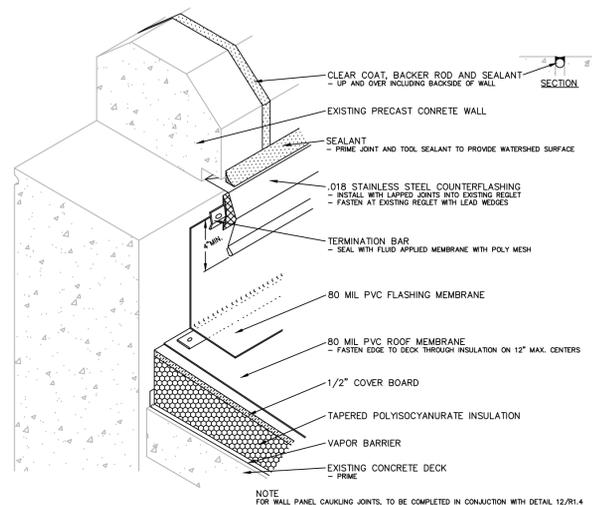
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**R1.4**

Actual Size to Face of Slope  
2 IN  
1 IN  
0 IN

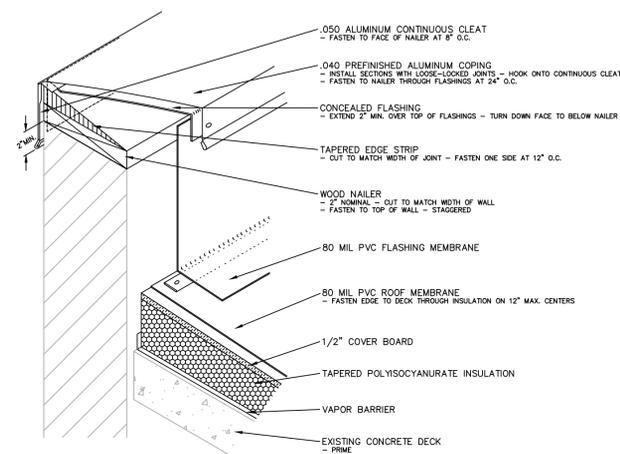
PROJECT  
**ROOFING REPLACEMENT**

Central Detention Facility  
1901 D Street, SE  
Washington DC

District of Columbia  
Department of Corrections



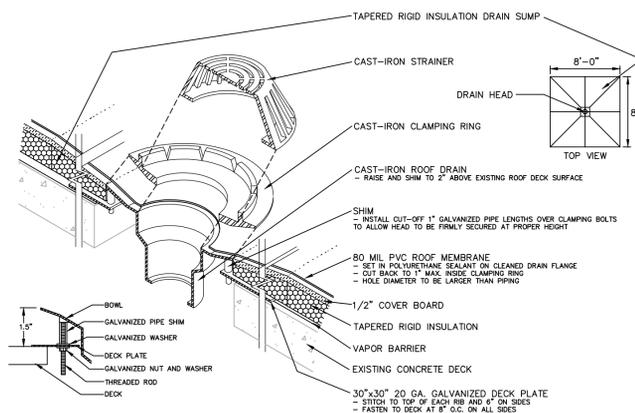
**1 PARAPET FLASHING**  
N.T.S.



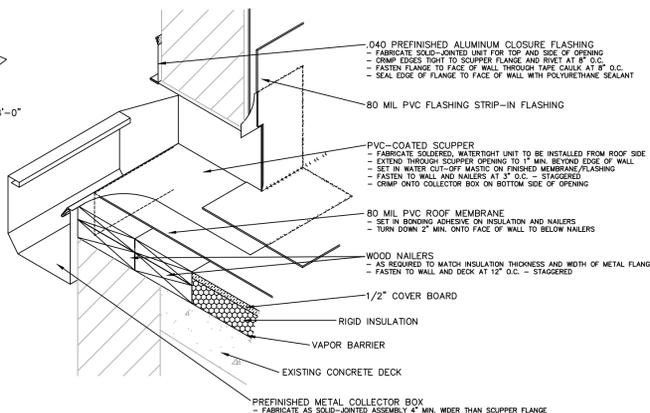
**2 PARAPET FLASHING**  
N.T.S.

**3 NOT USED**  
N.T.S.

**4 NOT USED**  
N.T.S.



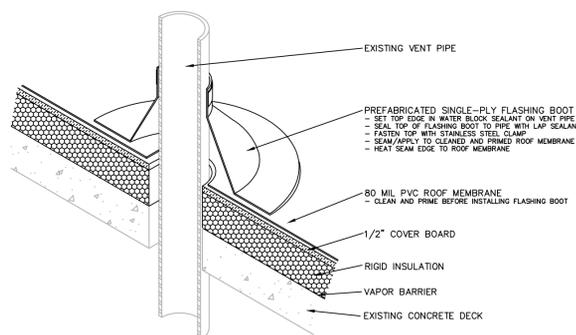
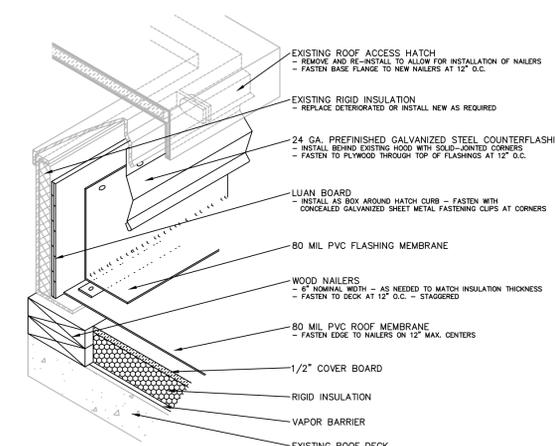
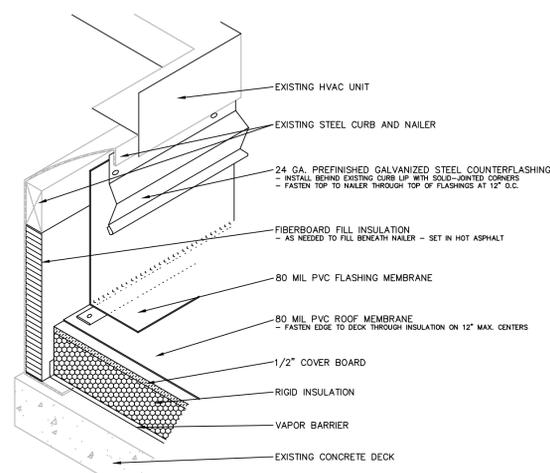
**5 TYPICAL ROOF DRAIN**  
N.T.S.



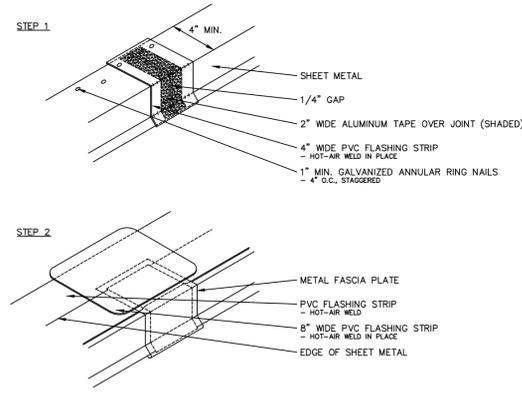
**6 TYPICAL SCUPPER**  
N.T.S.

**7 TYPICAL HVAC CURB**  
N.T.S.

**8 TYPICAL ROOF HATCH**  
N.T.S.



**9 TYPICAL VENT PIPE**  
N.T.S.



**10 TYPICAL METAL JOINT FABRICATION**  
N.T.S.

**11 NOT USED**  
N.T.S.

**12 NOT USED**  
N.T.S.

NUMBER	DATE	COMMENTS

IN-PROGRESS  
NOT FOR  
CONSTRUCTION

3/18/16 95% REVIEW SET

DRAWING TITLE  
**ROOF / TYPICAL  
DETAILS -  
TYPE 3 ROOF**

SHEET NUMBER

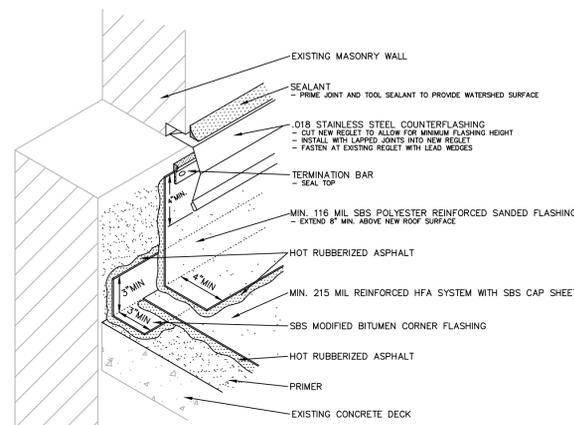
**R1.5**

Actual Size to Face of Scope  
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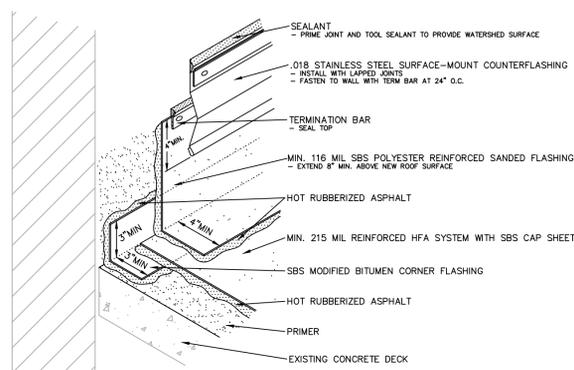
PROJECT  
**ROOFING REPLACEMENT**

Central Detention Facility  
1901 D Street, SE  
Washington DC

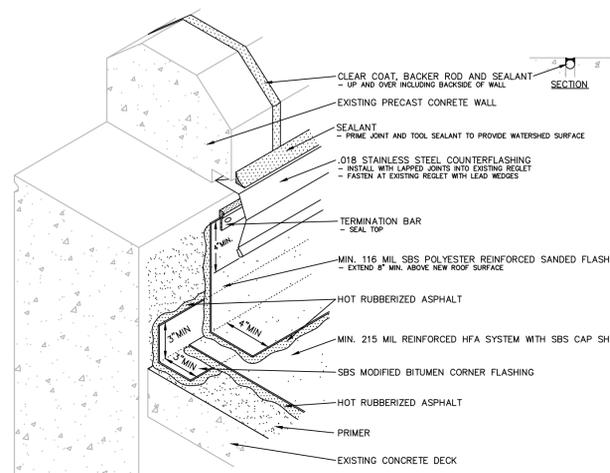
**District of Columbia  
Department of Corrections**



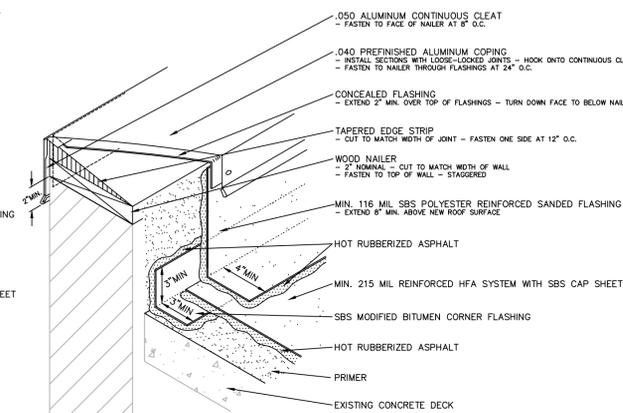
**1 WALL FLASHING**  
N.T.S



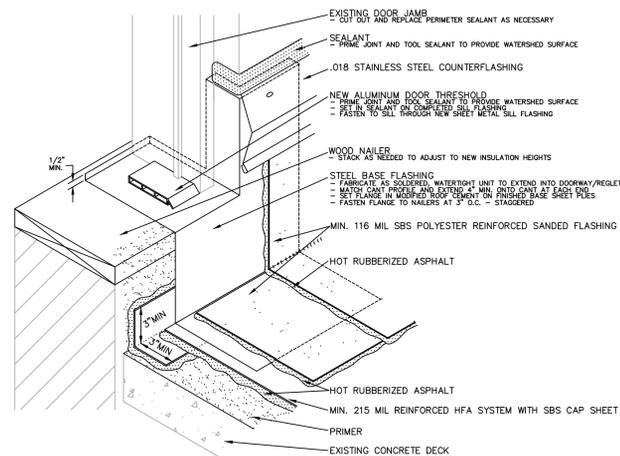
**2 WALL FLASHING**  
N.T.S



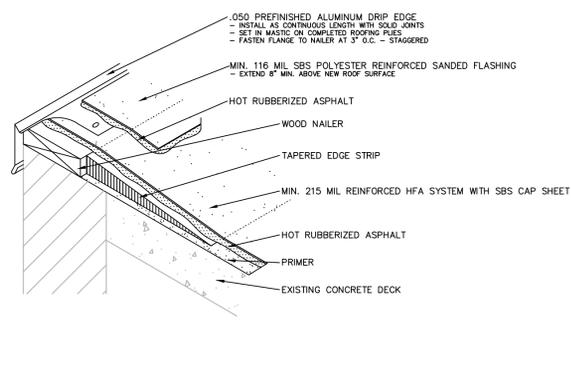
**3 PARAPET FLASHING**  
N.T.S



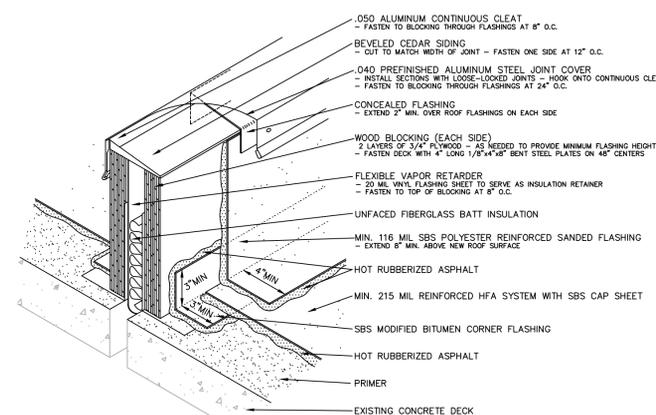
**4 PARAPET FLASHING**  
N.T.S



**5 DOOR THRESHOLD FLASHING**  
N.T.S



**6 ROOF EDGE FLASHING**  
N.T.S



NOTE:  
CONSTRUCTION IS SIMILAR ON EACH SIDE

**7 CONTROL JOINT FLASHING**  
N.T.S

**8 NOT USED**  
N.T.S

**9 NOT USED**  
N.T.S

**10 NOT USED**  
N.T.S

**11 NOT USED**  
N.T.S

**12 NOT USED**  
N.T.S

NUMBER	DATE	COMMENTS

IN-PROGRESS  
NOT FOR  
CONSTRUCTION

3/18/16 95% REVIEW SET

DRAWING TITLE  
**ROOF DETAILS -  
TYPE 2 ROOF**

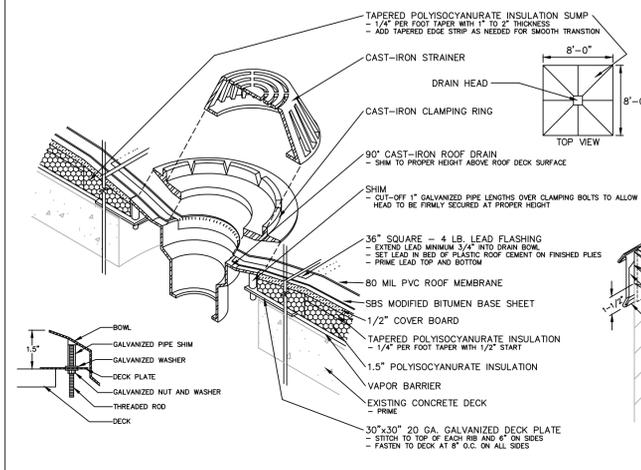
SHEET NUMBER  
**R1.6**

Actual Size to Read of Scale  
0 IN 1 IN 2 IN

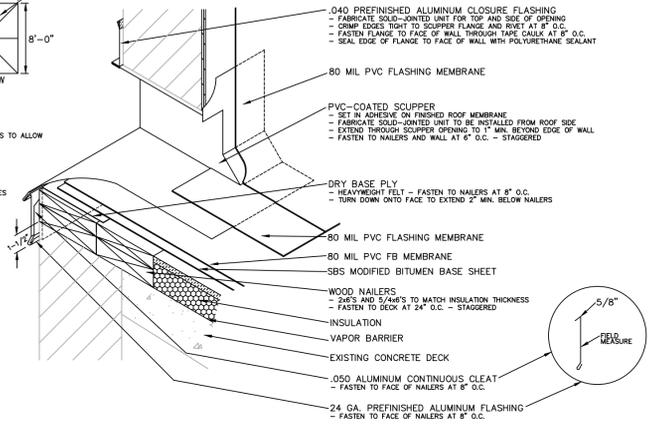
PROJECT  
**ROOFING REPLACEMENT**

Central Detention Facility  
1901 D Street, SE  
Washington DC

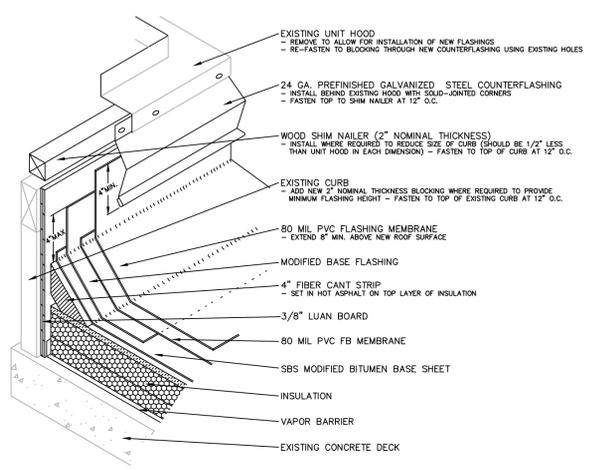
District of Columbia  
Department of Corrections



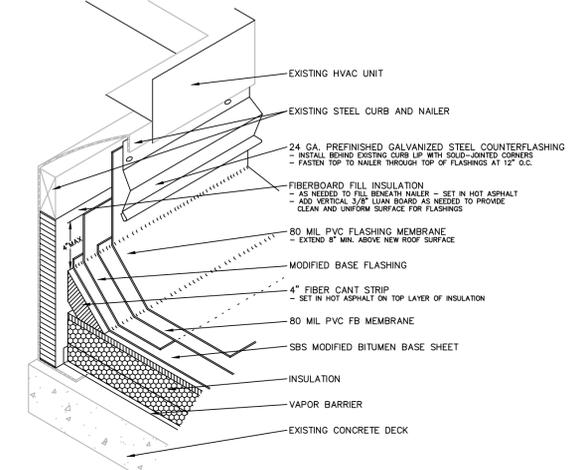
**1 TYPICAL ROOF DRAIN**  
N.T.S.



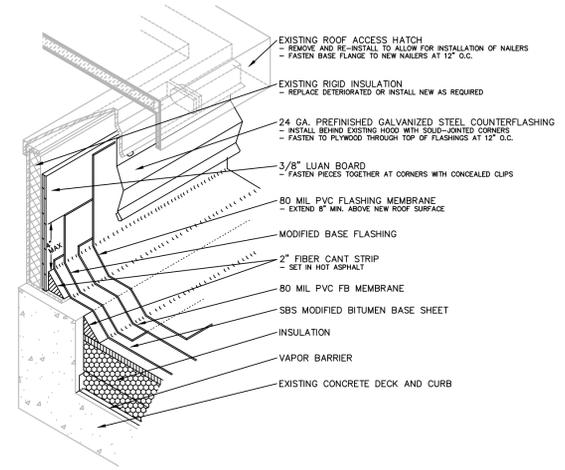
**2 TYPICAL SCUPPER**  
N.T.S.



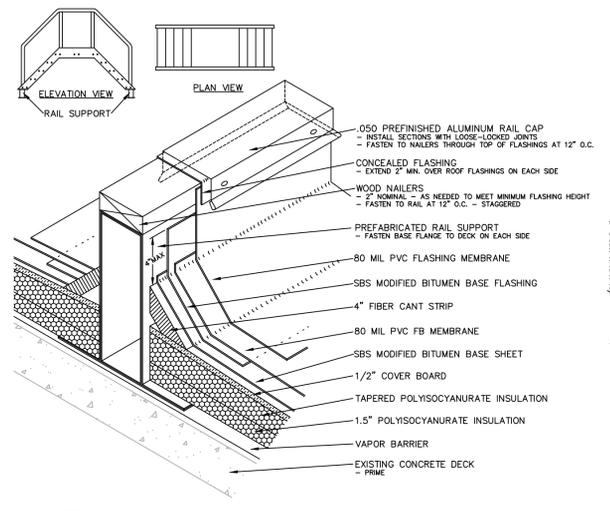
**3 TYPICAL EXHAUST CURB**  
N.T.S.



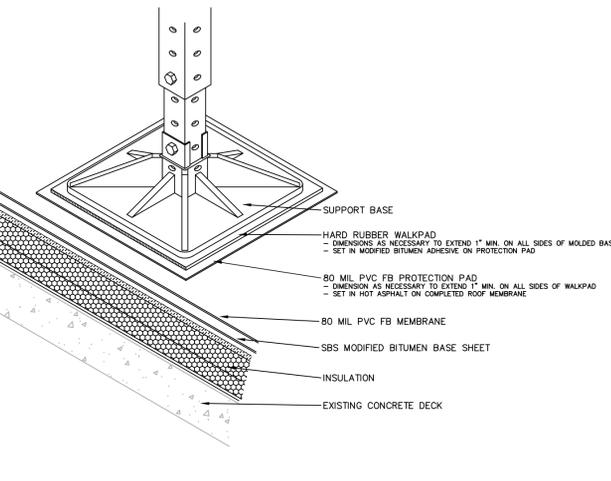
**4 TYPICAL HVAC CURB**  
N.T.S.



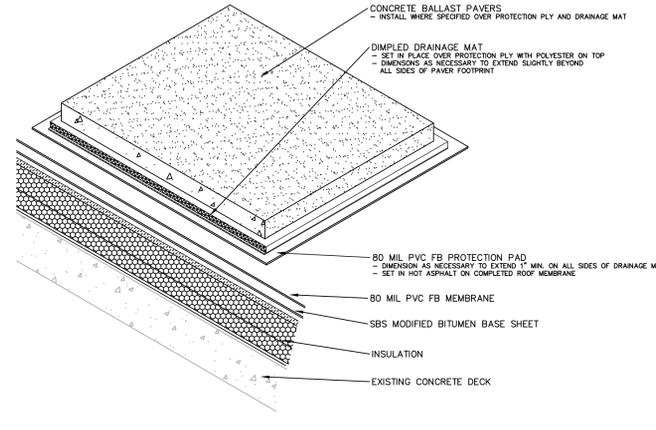
**5 ROOF HATCH FLASHING**  
N.T.S.



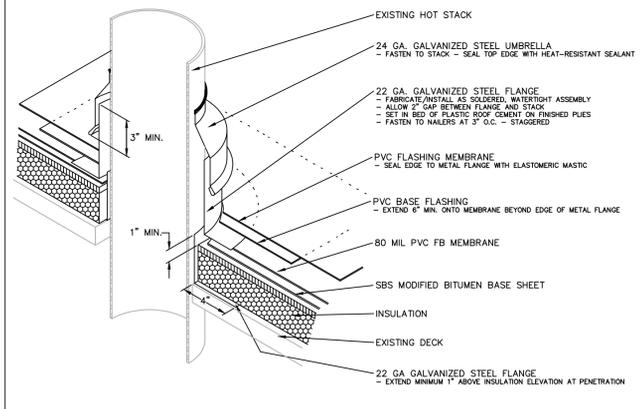
**6 RAIL CURB SUPPORT**  
N.T.S.



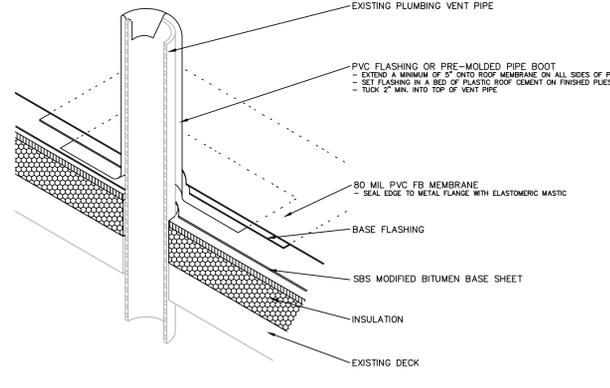
**7 SUPPORT BASE**  
N.T.S.



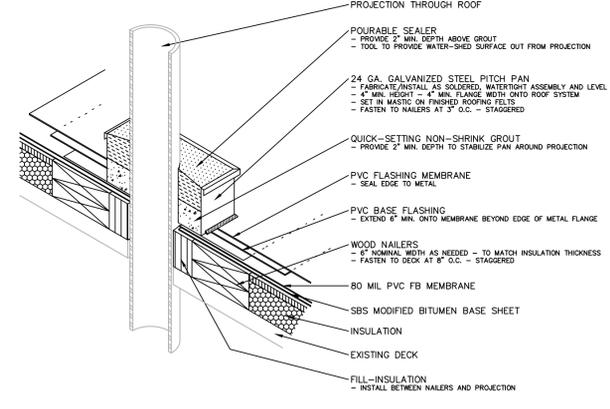
**8 PAVER MEMBRANE PROTECTION**  
N.T.S.



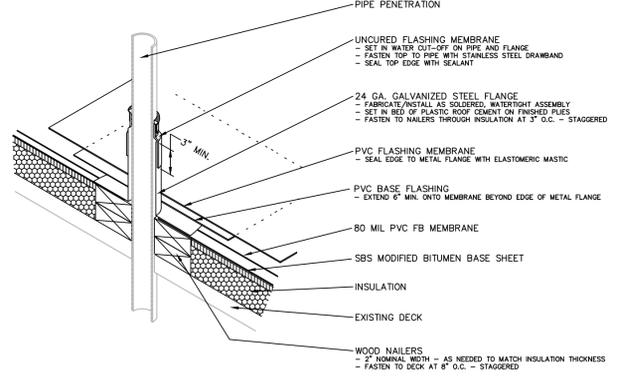
**9 TYPICAL HOT STACK**  
N.T.S.



**10 TYPICAL SOIL STACK**  
N.T.S.



**11 TYPICAL PITCH PAN**  
N.T.S.



**12 TYPICAL PIPE PENETRATION**  
N.T.S.

NOTE:  
CONSTRUCTION IS SIMILAR ON EACH SIDE

DRAWING DATES		
NUMBER	DATE	COMMENTS

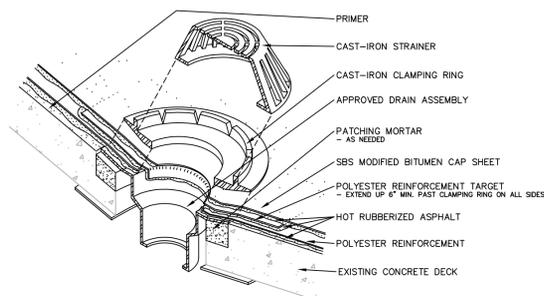
IN-PROGRESS  
NOT FOR  
CONSTRUCTION

3/18/16 95% REVIEW SET

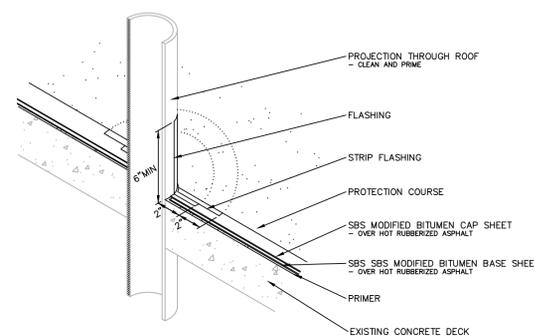
DRAWING TITLE  
**TYPICAL  
ROOF DETAILS -  
TYPE 1 ROOF**

SHEET NUMBER  
**R1.7**

ACTUAL SIZE TO SCALE OF 2 IN = 1 IN

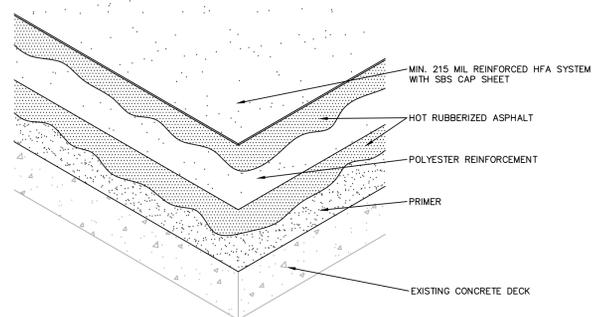


**1 ROOF DRAIN**  
N.T.S.

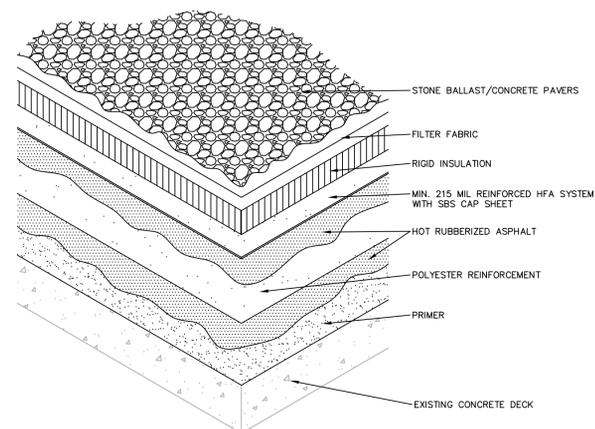


**3 PIPE PENETRATION**  
N.T.S.

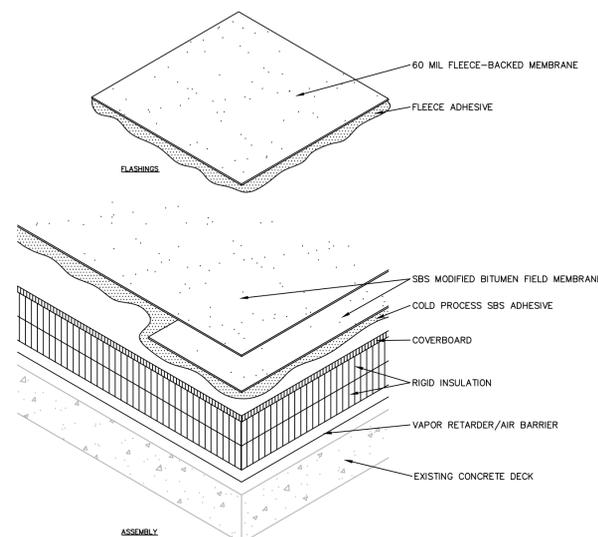
**4 NOT USED**  
N.T.S.



**5 TYPICAL ROOF ASSEMBLY**  
N.T.S.

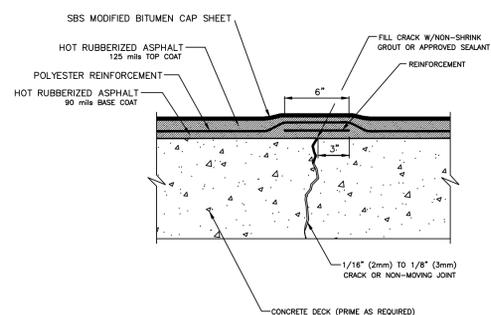


**6 TYPICAL ROOF ASSEMBLY**  
N.T.S.

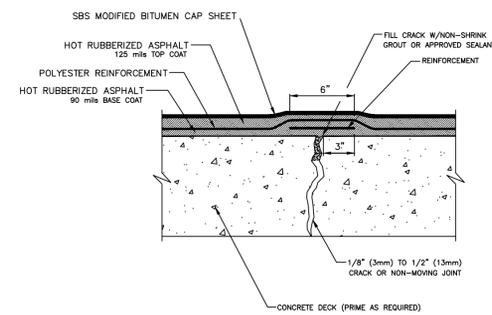


**7 TYPICAL ROOF ASSEMBLY**  
N.T.S.

**8 NOT USED**  
N.T.S.



**9 NON-MOVING JOINT UP TO 1/8"**  
N.T.S.



**10 NON-MOVING JOINT UP TO 1/2"**  
N.T.S.

**11 NOT USED**  
N.T.S.

**12 NOT USED**  
N.T.S.

NUMBER	DATE	COMMENTS

IN-PROGRESS  
NOT FOR  
CONSTRUCTION

3/18/16 95% REVIEW SET

DRAWING TITLE  
**TYPICAL  
ROOF DETAILS -  
TYPE 2 ROOF**

SHEET NUMBER  
**R1.8**

Actual Size to Face of Scale  
0 IN 1 IN 2 IN