

1 ROOF PLAN
SCALE: 1/8" = 1'-0"

Drawing Notes: (All existing UON).

- 1.) 2'X2'X2" masonry walk way pads to be reset at existing location/arrangement after roof work is complete.
- 2.) Active Data cables attached to pads. Data cable must remain active the entire duration of the roofing work. Carefully detach from masonry pads and reattach when masonry walk way pads are reset per #1.
- 3.) Skylight to be replaced. Typ. for 4. See new Skylight Schedule on sheet A-4.
- 4.) Exhaust fan. Typ. for 4.
- 5.) Roof drain. Typ. for 3.
- 6.) A/C equipment lines/supports loose laid on roof.
- 7.) A/C equipment/supports loose laid on roof.
- 8.) A/C unit on two dunnage supports.
- 9.) A/C equipment piping on dunnage supports. See #9, Sheet A-4 for details. Typ. for 4.
- 10.) Plumbing vent. Typ for 2.
- 11.) Roof access door pair.
- 12.) Existing wall mounted air louver at lower portion of wall.
- 13.) Existing metal post pipe support bearing on masonry pad - shorten as required to new roof level.



2 LIBRARY SITE PLAN

Description of Work & Sequence:

The work included refers to the main flat roof only (penthouse not included). The addition and the low roofs are not included.

Area: approximately 7,720 sq. ft.

1. Move existing crushed stone ballast and save for re-use; take care not to pile gravel in one area to avoid overloading roof structure.
2. Remove existing 3" Styrofoam, and save for re-use.
3. Remove existing base-flashings. Existing flashings have been tested and found negative for asbestos.
4. Existing roof membrane shall remain. Clean and prime per attached specifications.
5. Install torch-applied membrane consisting of Siplast Paradiene 20 TG followed by Teranap 1M Sand.
6. Install base-flashings consisting of Verat torch-applied.
7. Install Parapro flashings at penetrations and at louver.
8. Install 16-oz lead-coated copper edging and tie-in to new roof membrane.
9. Install Paradrain drainage mat.
10. Re-install salvaged 3" Styrofoam. Provide and install new as needed.
11. Overlay Styrofoam with filter fabric and re-distribute ballast.
12. Install concrete pavers at the perimeter and at walkways to match existing.
13. Provide and install four new skylights to match existing.
14. Re-use counter-flashing at penthouse wall.
15. Install flashings at existing curbs for cooling tower; include skirt metal under existing caps to lap over the new base flashings.
16. Replace all three roof drains with new cast-iron drains to match existing.

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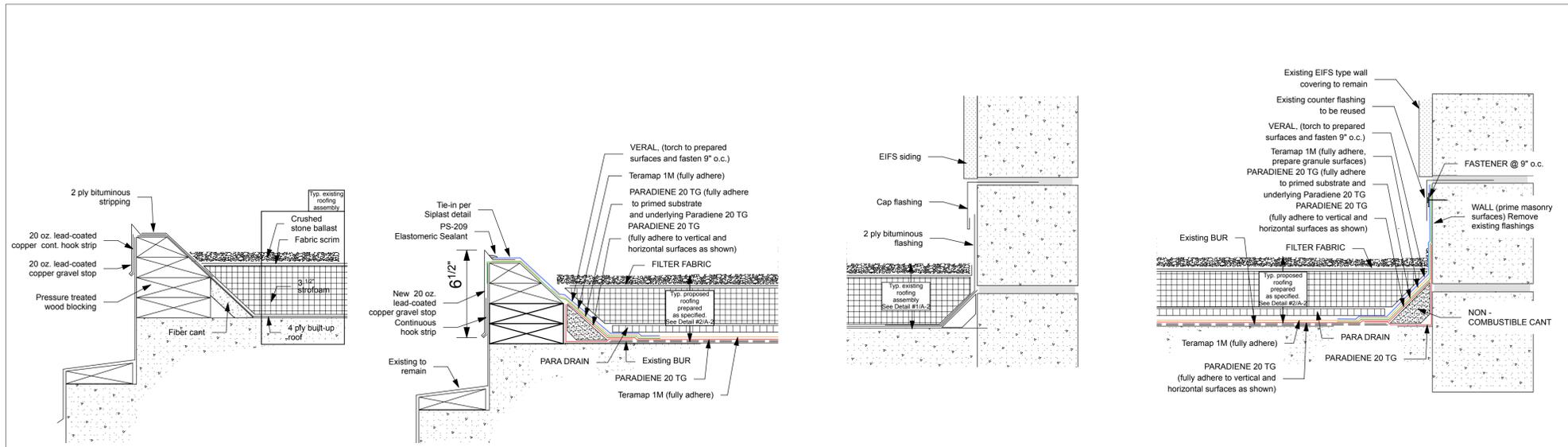
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PROPOSED ROOF REPAIRS

ROOF PLAN

DATE: 06.20.22 Bid Docs.

A-1

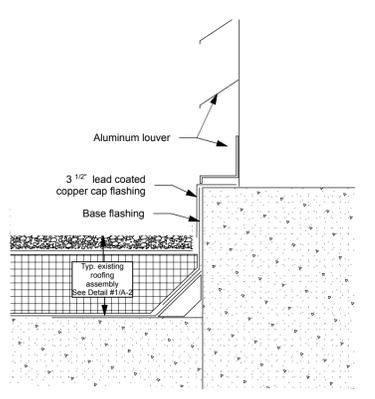


1 EXISTING EAVE DETAIL
NOT TO SCALE

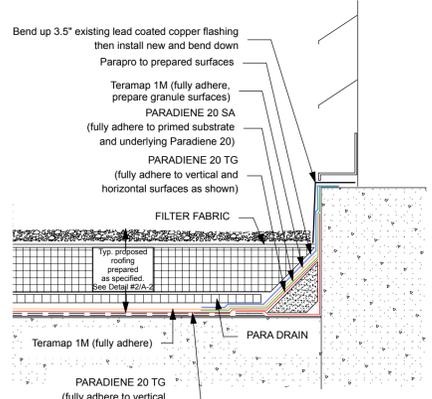
2 PROPOSED EAVE DETAIL
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3 EXISTING ROOF TO WALL DETAIL
NOT TO SCALE

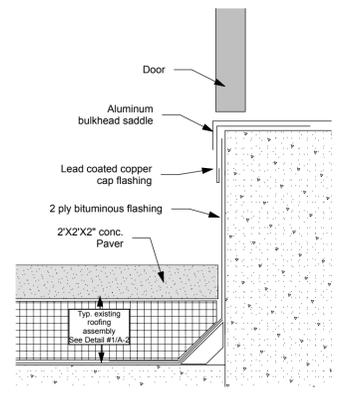
4 PROPOSED ROOF TO WALL DETAIL
NOT TO SCALE



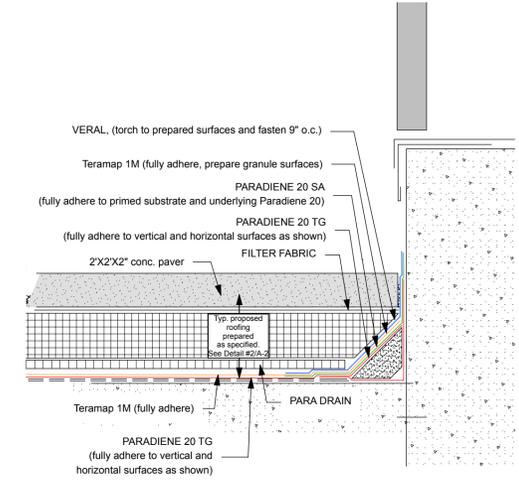
5 ROOF TO EXISTING LOUVER DETAIL
NOT TO SCALE



6 PROPOSED ROOF TO LOUVER DETAIL
NOT TO SCALE



7 ROOF TO WALL @ ACCESS DOOR
NOT TO SCALE



8 ROOF TO WALL @ ACCESS DOOR PROPOSED
NOT TO SCALE

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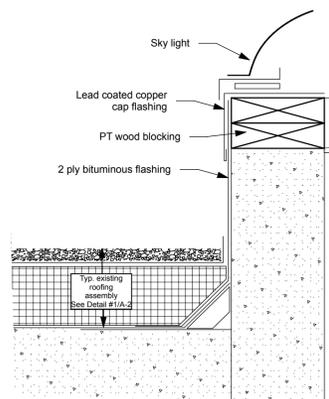
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**PROPOSED ROOF
REPAIRS**

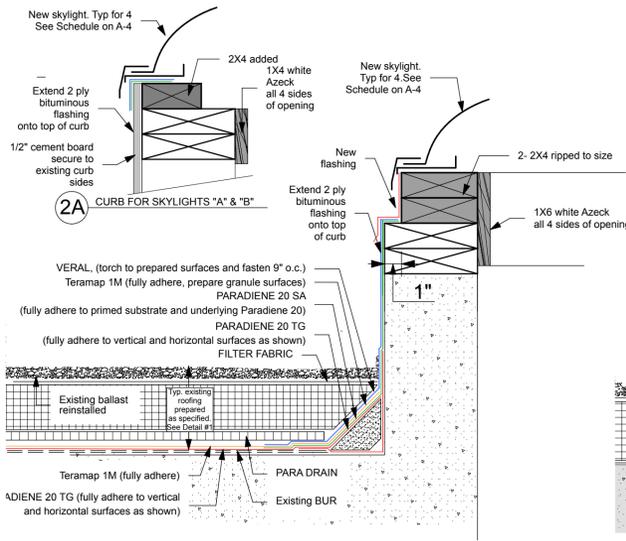
**EXISTING &
PROPOSED DETAILS**

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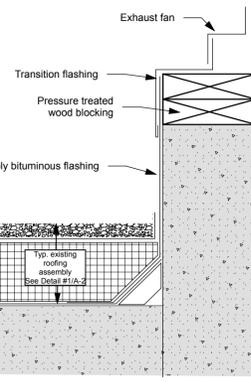
A-2



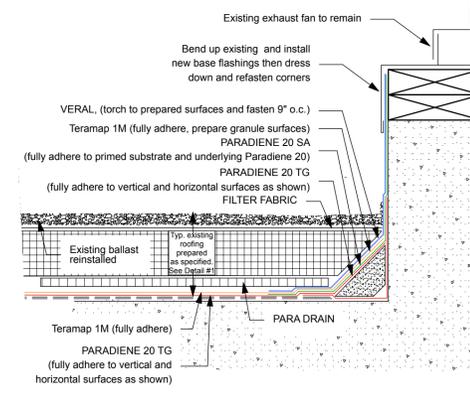
1 ROOF TO SKY LIGHT EXISTING
SCALE: 1:5.33



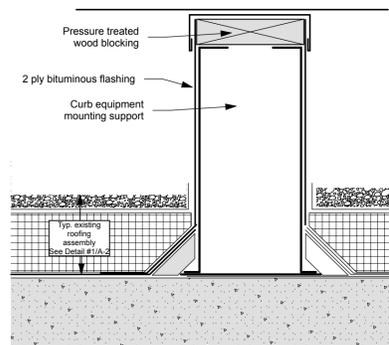
2 ROOF TO SKYLIGHT PROPOSED
SCALE: 1:5.33



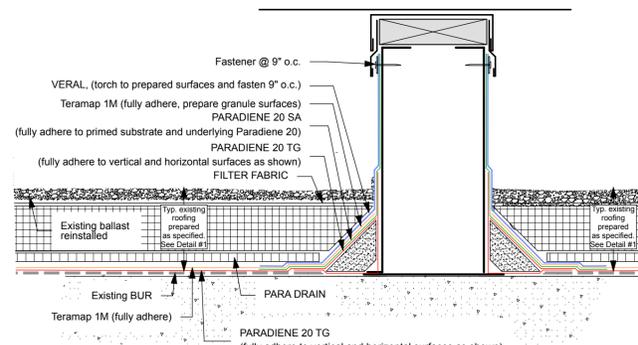
3 ROOF TO EXHAUST FAN EXISTING
SCALE: 1:5.33



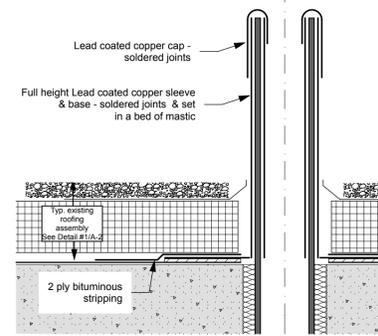
4 ROOF TO EXHAUST FAN PROPOSED
SCALE: 1:5.33



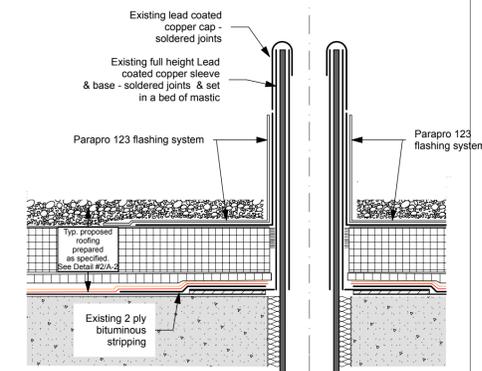
5 ROOF TO HVAC EQUIPMENT EXISTING
SCALE: 1:5.33



6 ROOF TO HVAC EQUIPMENT PROPOSED
SCALE: 1:5.33



7 ROOF TO PLUMBING VENT EXISTING
SCALE: 1:5.33



8 ROOF TO PLUMBING VENT PROPOSED
SCALE: 1:5.33

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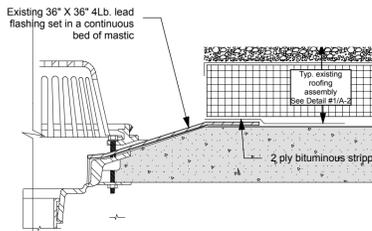
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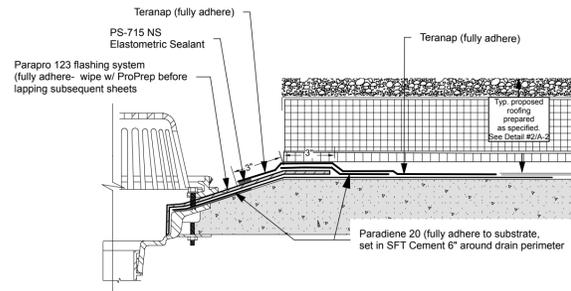
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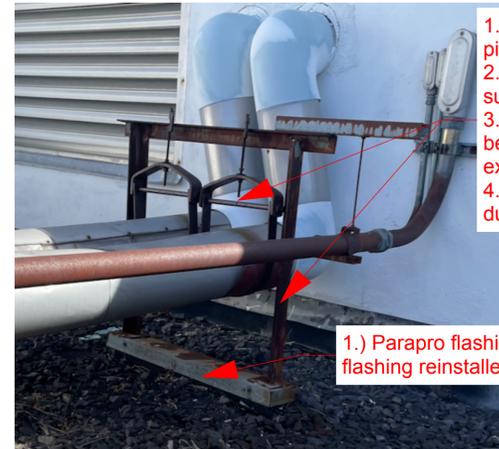
A-3



1 EXISTING DRAIN DETAIL
SCALE: 1:5.33



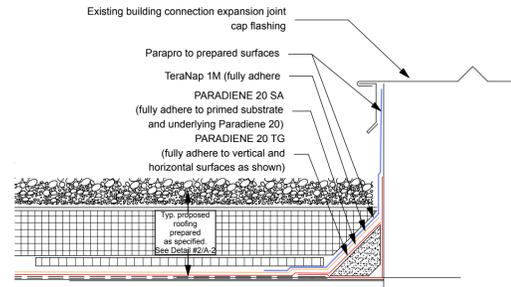
2 PROPOSED DRAIN DETAIL
SCALE: 1:5.33



3

SKY LIGHT SCHEDULE

MARK	APPROX. SIZE - O.D. CURB EXISTING	NEW SIZE - O.D. CURB	WASCO CEC3 SKYLIGHT	SKYLIGHT GLAZING
(A)	50" X 50"	51" X 51"	Mod. #5555	Outer:Satin Sky 2 Middle:Clear Inner: Clear
(B)	50" X 50"	51" X 51"	Mod. #5555	Outer:Satin Sky 2 Middle:Clear Inner: Clear
(C)	60" X 60"	58" X 58"	Mod. #6060	Outer:Satin Sky 2 Middle:Clear Inner: Clear
(D)	60" X 60"	58" X 58"	Mod. #6060	Outer:Satin Sky 2 Middle:Clear Inner: Clear



4 PROPOSED BUILDING EXPANSION JOINT DETAIL
SCALE: 1:5.33