

**GENERAL NOTES:**

Equipment and projection locations are approximate.

Contractors are responsible for all measurements and projection counts, locations, etc.

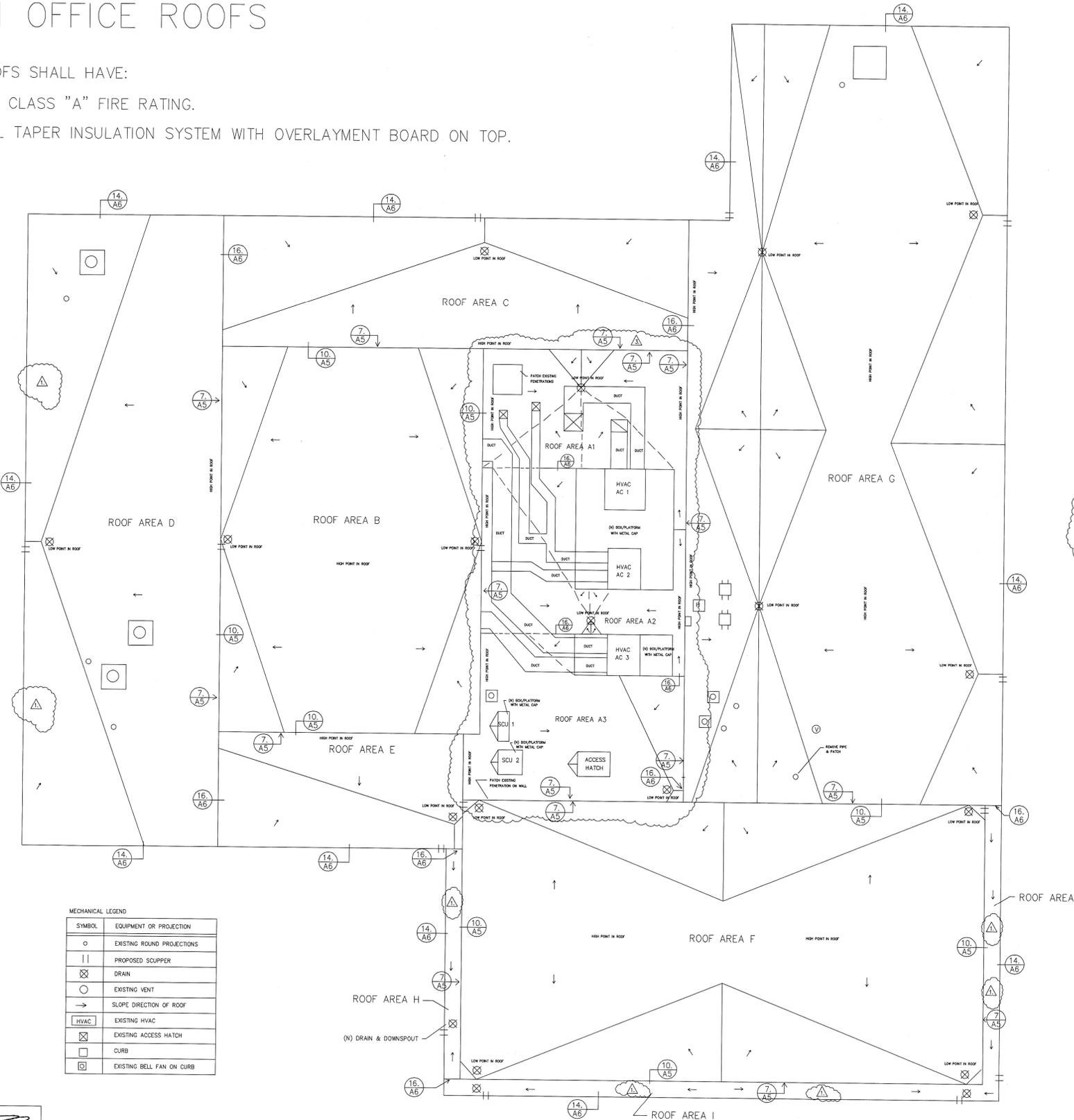
**JOB SPECIFIC NOTES:**

1. CONTRACTOR SHALL REMOVE THE EXISTING ROOF SYSTEM, BASE FLASHINGS, INSULATIONS, METAL FLASHINGS, BLOCKS, OLD METAL CAPS, METAL, OLD NAILERS, OLD DOOR, ETC. FROM THE ROOFS.
2. CONTRACTOR SHALL MECHANICALLY ATTACH THE OVERLAYMENT BOARD INSULATION PER THE SPECIFIED WIND UPLIFT REQUIREMENTS. (INSTALL A FULL TAPER INSULATION SYSTEM UNDER THE OVERLAYMENT BOARD INSULATION ON ALL ROOFS SO THAT ROOFS DRAIN PROPERLY).
3. INSTALL CRICKETS AS SHOWN AND AT THE HIGH ENDS OF CURBS SO WATER FLOWS. CONTRACTOR SHALL ALSO CHECK THE DECK FOR ANY LOW SPOTS, DEFLECTED AREAS THAT MAY POND WATER (IE. WITH A STRING LINE, LEVEL, ETC) AND REPAIR WITH INSULATION FILL/POND PATCH, ETC SO THEY DO NOT POND. CONTRACTOR TO INCLUDE UP TO 10 SQUARES OF FILL/POND PATCH.
4. INSTALL 80 MIL, WHITE, TPO MEMBRANE FULLY ADHERED OR MECHANICALLY ATTACHED PER THE WIND UPLIFT REQUIREMENTS.
5. INSTALL NEW PPI'S UNDER THE PIPES, ONE EVERY 8' AND AT THE CORNERS WITH PADS BELOW.
6. INSTALL NEW METAL (IE. SKIRTS, COUNTERFLASHINGS, COPING CAPS WITH CLEATS AND COVER PLATES SET IN CAULK, TERM BARS, VENTS, HOODS, ETC.).
7. INSTALL UP TO 200 LINEAR FEET OF WALKPANEL AT THE END OF THE JOB AT LOCATION OF OWNER'S REQUEST.
8. CLEAN, ETCH, PRIME AND PAINT ALL METAL AT THE END OF THE JOB. COLOR PER OWNER'S REQUEST.
9. AT THE END OF THE JOB, CLEAN THE ROOFS OF LOOSE DEBRIS, ETC. USE WATER AND MANUFACTURER APPROVED SOAP TO SCRUB DOWN THE ROOFS.
10. INSTALL NEW METAL SKIRTS AT ALL CURBS, USE FASTENERS WITH NEOPRENE WASHERS.
11. INSTALL NEW AREA DIVIDER UNDER DOOR BETWEEN AREA A & C. INSTALL NEW AREA DIVIDERS WHERE SHOWN.
12. INSTALL ADDITIONAL LAYERS OF WOOD NAILER AT DESIGNATED PERIMETER OF ROOFS SO THAT NEW NAILER HEIGHT IS A MINIMUM OF 6" ABOVE ADJACENT NEW ROOF. ROOF UP AND OVER THE NEW NAILERS/WALLS, INSTALL COPING CAP, CLEAT, COVER PLATES SET IN CAULK, ETC.
13. INSTALL 1 NEW JOSEF DRAINS WITH DOWNSPOUTS BELOW. CONTRACTOR WILL HAVE TO CORE THRU DECK FOR THESE. INSTALL NEW OVERFLOW SCUPPERS NEXT TO EACH PRIMARY DRAIN. CONTRACTOR WILL HAVE TO CORE THRU WALLS FOR THESE.
14. CONTRACTOR SHALL PROVIDE PROTECTION TO THE NEW ROOF AT ALL TIMES DURING THE PROJECT.
15. CONTRACTOR SHALL PATCH EXISTING ABANDONED ROOF PENETRATIONS (UP TO SIX LOCATIONS) WITH SIMILAR MATERIAL AS ADJACENT ROOF DECK/VERTICAL WALL PRIOR TO INSTALL NEW ROOFING SYSTEM.
16. RAISE CURBS TO A MINIMUM OF 8" OFF THE ROOF. CUT/REPAIR STUCCO WALLS TO GET THE 8" FLASHING HEIGHT MINIMUM (IE. INSTALL NEW STUCCO, PAINT TO MATCH ADJACENT WALL).
17. CONTRACTOR SHALL TAKE ALL PRECAUTIONS AND MEASURES FROM ALLOWING ODORS AND VAPORS FROM ENTERING THE BUILDING.

# SOUTH OFFICE ROOFS

ALL ROOFS SHALL HAVE:

1. U.L. CLASS "A" FIRE RATING.
2. FULL TAPER INSULATION SYSTEM WITH OVERLAYMENT BOARD ON TOP.



FOR CONSTRUCTION STAGGING AREA AND ROOF ACCESS SEE ARIAL SHEET A-2.  
 APPROX SQ FOOTAGE OF ROOF TO REPLACE: APPROX 12,033 SQ. FT.  
 WATER RUN-OFF IS TAKEN BY DRAINS.  
 EXISTING ROOF IS A BUILT UP ROOF WITH ROCK.  
 NEW ROOF TO BE A SINGLE PLY ROOF.  
 SEE SPEC FOR APPROVED ROOF MANUFACTURER AND SYSTEM.

**Deficiencies from 2006 Roof Survey for South Office Roofs:**

1. Bare spots noted on roof.
2. Trim trees so they don't touch roof.
3. Install missing vent top.
4. Clean all drain areas.

**Additional addendum notes:**

1. Contractor shall use 60 mil TPO base flashing as approved by membrane manufacturer at the base flashings (instead of 80 mil).
2. Contractor shall box in the units/sleepers in the equipment well roof with 2x's and 1/2" plywood on top (all sides of the box to have equal heights, make a uniform box). Bring the new membrane up and over the boxes, install new galv metal cap/pan at the top. Disconnect/reconnect mechanical as needed. Set bolts in caulk. Boxes shall have min of 2 angle iron brackets secured to deck and box on each side. Boxes to be solid/secure.
3. Contractor shall replace the existing ladder at equipment well roof with a new ladder. Secure to wall, repair stucco as needed.
4. Contractor shall also install new curbs at the duct work in the equipment well, roof up and over the curbs, install new counterflashing and caulk at ducts. (Min flashing heights is 8").
5. Contractor to provide a full taper insulation system with overlayment board and crickets on all roofs so they drain and do not pond water. Install additional crickets/taper/etc (in addition to that specified) as needed so that the roofs drain. Dog leg the crickets as needed so water flows.
6. Perimeter flashings shall meet ANSI/SPRI ES-1 American National Standard Wind Design for Edge Systems used with low slope roofing systems and be approved by roof system manufacturer.
7. At perimeter coping, contractor may also use a fascia with a two piece (ie extension) attached per SMACNA with continuous cleat. Submit shop drawing.
8. In the equipment well roof, also raise the sleepers under the ducting as needed to get the min 8" flashing height. Roof up and over the sleepers, install new galv metal cap at the top, set bolts in caulk. Shorten the duct legs as needed to attain this. Secure the sleepers under ducts to deck. (Duct sleepers not shown on equipment well roof for clarity purposes).
9. Contractor shall move/relocate the drain in roof area A2 as needed so it is between the 2 new boxes (and not under the box/platform). Contractor to include all plumbing work below (tie into plumbing below) and carpentry as needed to achieve this, included in bid.
10. Contractor shall relocate any duct curbs, duct supports in the equipment well roof that block the flow of water along the cricket valleys so water flows (or dog leg the crickets here so water flows). Also install crickets on high ends of curbs.

DELTA NOTES

	ELIMINATED PROPOSED DRAINS
	ADDED NOTES
	HVAC EQUIPMENT WELL ROOF DESIGN

MECHANICAL LEGEND

SYMBOL	EQUIPMENT OR PROJECTION
	EXISTING ROUND PROJECTIONS
	PROPOSED SCUPPER
	DRAIN
	EXISTING VENT
	SLOPE DIRECTION OF ROOF
	EXISTING HVAC
	EXISTING ACCESS HATCH
	CURB
	EXISTING BELL FAN ON CURB



Firm Name and Address

**SKYLINE**  
Engineering, Inc.  
8100 Wildhorse Road  
Salinas CA 93907



BEFORE YOU DIG, CALL UNDERGROUND SERVICE ALERT 1 (800) 227-2600 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES. THOSE SHOWN REPRESENT THE BEST INFORMATION AVAILABLE TO THE CITY OF SAN LEANDRO AT THE TIME OF PREPARATION OF THESE PLANS. NO GUARANTEE IS MADE AS TO THE ACCURACY OF THIS INFORMATION.

NO.	DATE	REVISION
1.	4/19/11	DRAINS
2.	4/19/11	NOTES
3.	4/19/11	HVAC WELL

DESIGNED BY B.SCHALESKY DATE 2/18/11  
 DRAWN BY J.SCHALESKY DATE 2/18/11  
 PROJECT MGR. N. Lam DATE 2/18/11  
 TRANS ADMIN. R. Chen DATE 2/18/11  
 SENIOR ENGR. A. Osakwe DATE 2/18/11

APPROVED BY: DATE 4/22/11  
 CITY ENGINEER, R.C.E. No. 34870

CITY OF SAN LEANDRO

**ROOF REPLACEMENT AND ACCESSORIES—YEAR 3**

**SOUTH OFFICES ROOF OVERVIEW SHEET**

SHEET 3 OF 6  
 JOB NO. 09-687-18-104  
 SCALE 1/8"=1'  
 DWG 3648 CASE 901