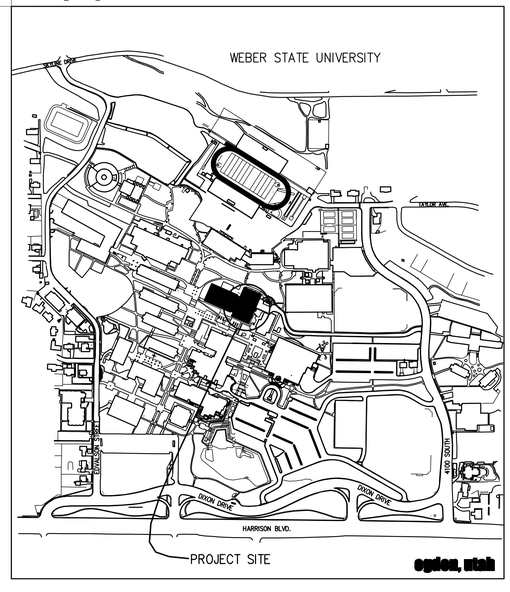
wsu - stewart library reroof

3850 university circle, ogden, utah 84408

vicinity map



standard symbol legend

- asphalt
- batt insulation
- ceramic tile (in elevation)
- concrete
- concrete & plaster (in elevation)
- concrete masonry units
- brick
- compacted backfill
- earth
- finish lumber
- glass
- glass (in elevation)
- gravel / rock fill
- gypsum board
- particle board
- sand, plaster, stucco & sand setting beds
- plywood
- rigid insulation
- steel
- wood framing (cont. member)
- wood framing (interrupted member)
- **metal studs**

building section reference / sheet reference — a / a1.1

wall section reference / sheet reference — a / a1.1

detail reference / sheet reference — 1 / a1.1

elevation marker — 100'-0" fin. fl.

elevation reference / sheet reference — a / d a1.1 b / c

room number / door designation — 101 / a

window designation — A

reflected ceiling elevation — 100'-0"

room title / room number — **room title** 101

project team

owner:

division of facilities construction and management.
4110 state office building.
salt lake city, utah 84114
801.538.3018

State of Utah–Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
4110 State Office Building/Salt Lake City, Utah 84114/538-3018

architect:

richards bott architects
620 24th street
ogden, utah 84401
801.394.3033

abbreviations

@	at	ga	gauge
ø	diameter	galv	galvanized
#	pound or number	gc	general contractor
ab	anchor bolt	gl	glass
act	acoustical tile	gyp bd	gypsum board
adj	adjustable	hc	hollow case
aff	above finish floor	hdwd	hardwood
alum	aluminum	hdwr	hardware
bd	board	hdrl	handrail
bldg	building	hm	hollow metal
bm	beam	id	inside diameter
bot	bottom	incl	include(d) (ing)
brg	bearing	insul	insulation
bur	built up roofing	int	interior
cab	cabinet	jt	joint
cjt	control joint	max	maximum
℄	center line	mech	mechanical
clg	ceiling	mtl	metal
cmu	concrete masonry units	mfr	manufacturer
col	column	min	minimum
conc	concrete	nic	not in contract
constr	construction	nts	not to scale
constr jt	construction joint	oc	on center
cont	continuous	pl	plate
contr	contract(or)	℄	property line
corr	corridor	plas lam	plastic laminate
ct	ceramic tile	plywd	plywood
det	detail	rb	resilient base
dim	dimension	reinf	reinforce(d) (ing)
dn	down	rfg	roofing
dr	door	rm	room
ea	each	sc	solid core
eb	expansion bolt	sch	schedule
eifs	exterior insul fin system	sec	section
exp jt	expansion joint	sim	similar
elec	electrical	spec	specification
elev	elevation	sq	square
eq	equal	stl	steel
equip	equipment	temp gl	tempered glass
ewc	elec water cooler	typ	typical
extst	existing	vct	vinyl composition tile
ext	exterior	w/	with
fd	floor drain	wd	wood
fdn	foundation	wdw	window
fecb	fire extinguisher cab	w/o	without
fin fl	finish(ed) floor	wsct	wainscot
ft	foot or feet		
ftg	footing		
fur	furring		

sheet index

code analysis

APPLICABLE CODES

	Year
International Building Code	2006
International Mechanical Code	2006
International Fuel Gas Code	2006
International Plumbing Code	2006
International Fire Code	2006
International Energy Conservation Code	2006
National Electrical Code	2008
Uniform Code for Building Conservation	2006
ADA Accessibility Guildelines	2006

A. Occupancy and Group: E

B. Seismic Design Category: II

C. Type of Construction: A

cover sheet / general information

STATE OF UTAH — G. BRIAN BOTT — No. 136728 — LICENSED ARCHITECT

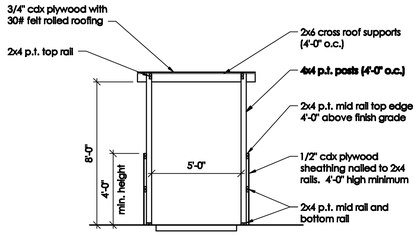
richards bott architects

richards bott architects 620 24th street ogden, utah 84401 phone 801.394.3033 fax 801.394.9064

wsu - stewart library reroof
3850 university circle
ogden, ut 84408
project no. 0910
dfcm project no. 09073810
01.18.10

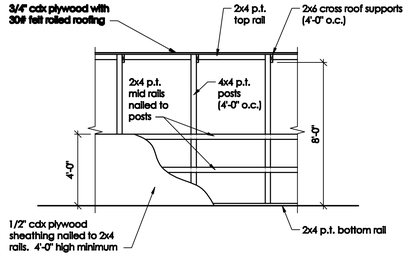
set #

g0.0



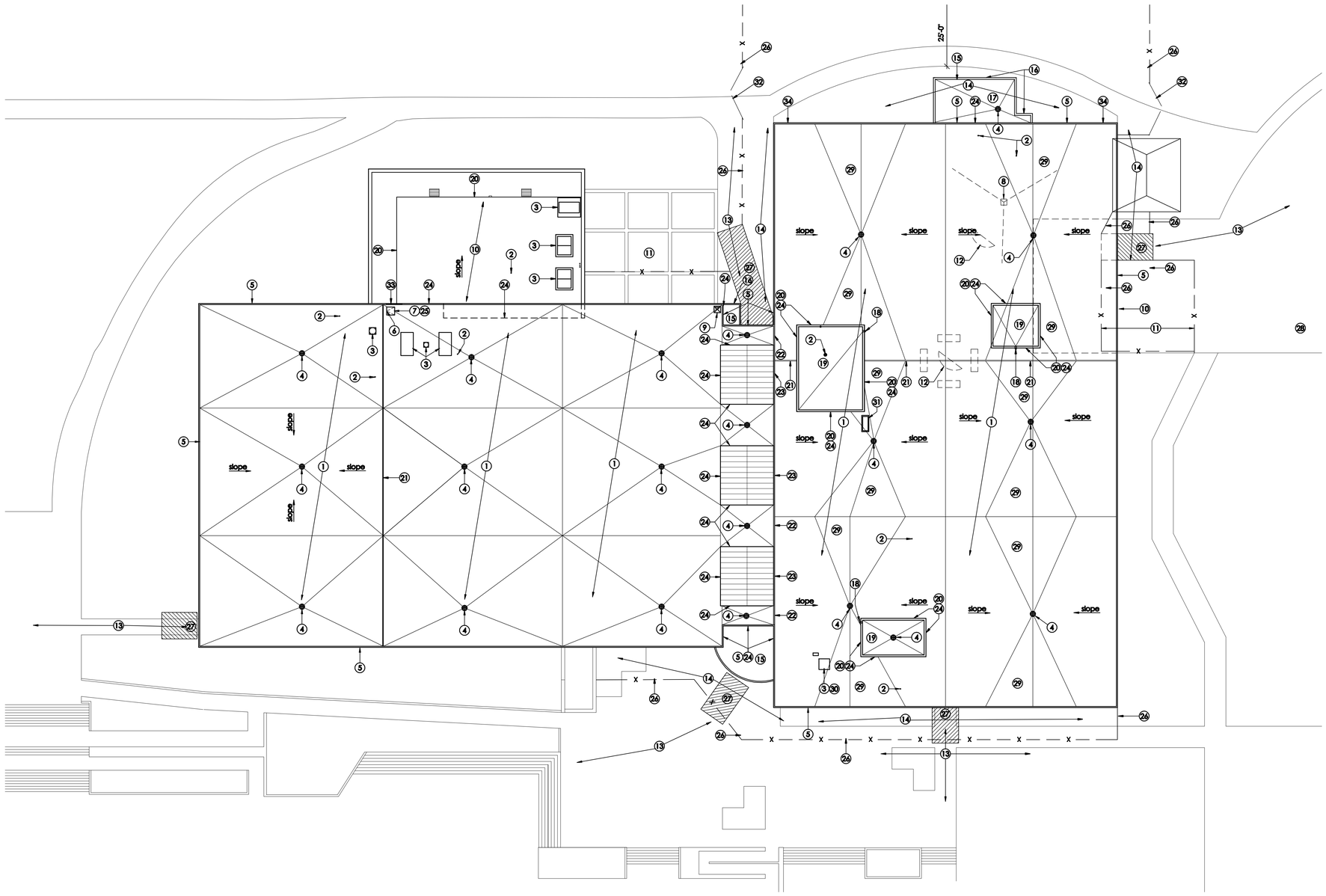
covered walkway

1 scale: 1/4" = 1'-0"



covered walkway

2 scale: 1/4" = 1'-0"



reof plan

scale : 1" = 20'-0"

general notes

A. Provide all miscellaneous flashing & accessories required for a complete job. Flash all roof penetrations. Remove and reinstall all miscelaneous equipment.

B. All misc. Vents, flues, curbs etc. To meet 8" min. code clearance above new roof line.

C. Field verify exact sizes and dimensions.

D. The existing roof has asbestos in it. Take all required precautions for removal and disposal of material.

E. Contractor will need to purchase parking passes for any vehicle parked outside the staging area.

keyed notes

1. Remove existing b.u.r. & 2 1/2" insulation down to light weight concrete deck. Fully adhere single-ply pvc membrane on 1/8" tapered insulated cricket to get a min. 1/4" / ft slope between drains.
2. Flash existing vtr, see 8/a2.1.
3. Mechanical penthouse or equipment, remove and reinstall as required to raise and flash existing curb, see 4/a1.1 sim. Extend electrical with new j-box.
4. Existing roof drain to be cleaned from all debris & provide single-ply membrane drain insert, see 2/a2.1.
5. Build up parapet wall. Provide a new prefinished, standing seam, metal cap with continuous cleat fastened at 8" o.c., see 2 & 3/a2.1.
6. Provide sign as specified mounted next to ladder on inside wall.
7. Remove existing roof hatch and provide new. Raise and flash existing curb, see 4/a2.1 sim.
8. Remove existing antenna complete.
9. Remove existing metal pans used to mount light. Reattach the light to a new light pole bracket, see 7/a2.1.
10. Remove existing b.u.r. on tapered insulation system down to concrete deck. Provide single-ply membrane on 1/4" / ft. tapered insulation, fully achered.
11. Staging area for Contractor. Protect existing grass and repair any damage. All existing exit are to be maintained and remain open at all times. During the loading and unloading of the roof provide spotters and all necessary precaution to protect the occupants of the building and the public as they enter and leave the building.
12. Remove existing satellite dish including stands and cables.
13. Existing means of egress . All exits from the building are to remain clear & open.
14. Provide fall protection per osha requirements.
15. Remove existing single ply membrane, leaving existing insulation. Provide addition 1/8" / ft. tapered insulation.
16. Remove and reinstall existing parapet cap.
17. Remove existing single-ply membrane and provide new single-ply membrane fully adhered.
18. Flash existing scupper.
19. Remove existing b.u.r. and 1" insulation down to concrete roof deck. Provide 1" rigid insulation with fully adhered single-ply membrane.
20. Remove existing metal drip edge and metal fascia. Provide new prefinished metal fascia and weldable drip edge with continuous cleat, see 1/a2.1.
21. Remove existing control joint and provide new, see 10/a2.1.
22. Remove existing expansion joint and provide new, see 11/a2.1.
23. Remove existing flashing and provide new expansion joint, see 12/a2.1.
24. Remove existing and provide new reglet, see 9/a2.1.
25. Remove existing wood ladder and provide new see 6/a2.1.
26. Provide a 6'-0" high temporary chain link fence out from building 25% of height, approx. 12'-0" when working in this area.
27. Provide a covered walkway from the building exit, through the required fall protection area to the chain link fence. See 1 & 2 a1.1
28. Provide an additional handicap symbol on the pavement to match the existing ones. Place in an open stall which will replace the one that will be taken in the staging area. Paint handicap symbol on pavement. Once project is complete paint handicap symbol black to cover it up.
29. Cricket with a min. of 1/2" per foot slope.
30. Existing unit to remain on during construction. If unit is to be turned off during construction special coordination with the Owner is required one week in advance.
31. Remove existing a.c. unit which has been evacuated and abandoned.
32. Provide (2) 10'-0" gates in fence. Owner will provide a knox locks to be used. When gates are open a spotter is to be used to prevent any unauthorized person entering the enclosed area.
33. Provide a 1-1/2" dia. stainless steel railing 6-0" long with a top, bottom and middle bar . Mound to top of parapet wall.
34. Provide a scupper through the new parapet framing.

insulation alternates

Base	Base bid to include only the membrane & tapered system.
Alt#1	Provide 1-1/2" fully adhered insulation to deck under tapered system, that is part of the base bid. Provide additional framing at parapet wall and the additional metal as required. Alt#1 bid amount to only include 1-1/2" insulation and additional framing, material and installation.
Alt#2	Provide (2) layer of 1-1/2" of fully adhered insulation to deck under tapered system, that is part of the base bid. Provide additional framing at parapet wall and the additional metal as required. Alt#1 bid amount to only include 3" of insulation and additional framing, material and installation.

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

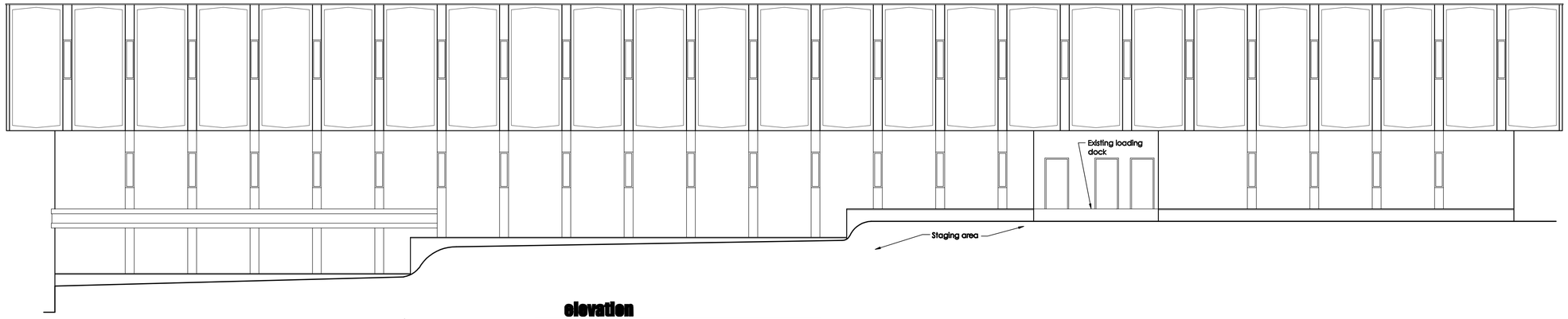
richards bott architects

richards bott architects

620 24th street ogden, utah 84401 phone 801.394.3033 fax 801.394.9064

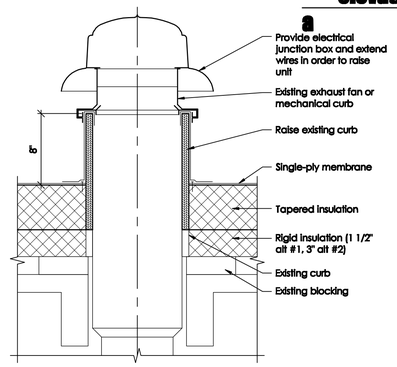
wsu - stewart library reroof
3850 university circle
ogden, ut 84408
project no. 0910
dfcm project no. 09073810
01.18.10

a1.1



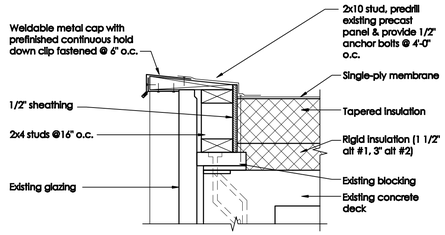
elevation

a scale: 1/8" = 1'-0"



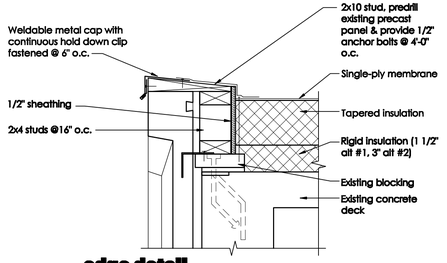
roof exhaust detail

4 scale: 1 1/2" = 1'-0"



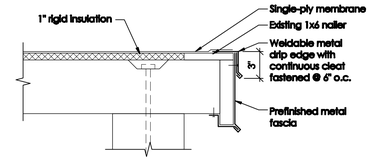
panel detail

3 scale: 1 1/2" = 1'-0"



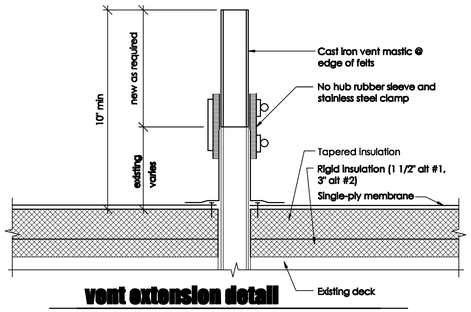
edge detail

2 scale: 1 1/2" = 1'-0"



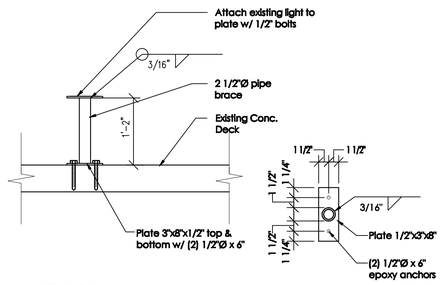
edge detail

1 scale: 1 1/2" = 1'-0"



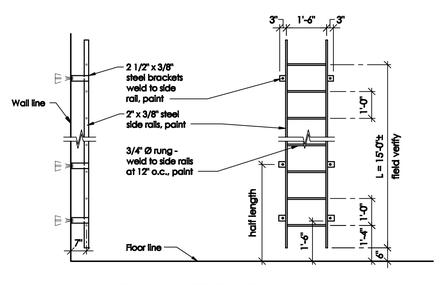
vent extension detail

8 not to scale



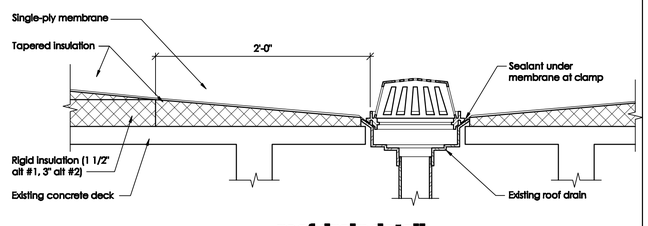
light bracing

7 scale: 3/4" = 1'-0"



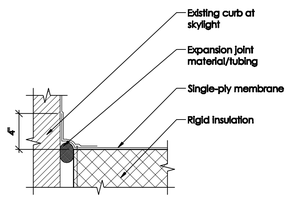
ladder detail (typ.)

6 scale: 3/8" = 1'-0"



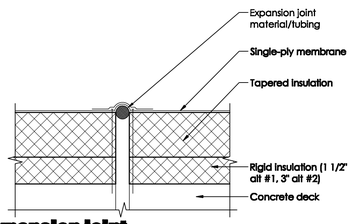
roof drain detail

5 scale: 1 1/2" = 1'-0"



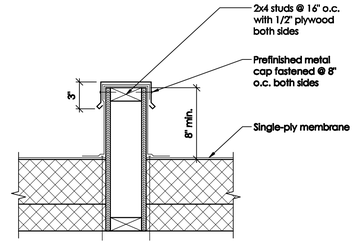
expansion joint

12 scale: 1 1/2" = 1'-0"



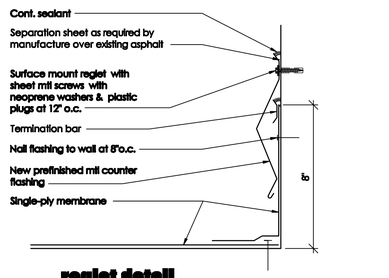
expansion joint

11 scale: 1 1/2" = 1'-0"



control joint

10 scale: 1 1/2" = 1'-0"



reglet detail

9 scale: 3" = 1'-0"

exterior elevation & roof details

richards bott architects 620 24th street ogden, utah 84401 phone 801.394.3033 fax 801.394.9064

wsu - stewart library reroof
3850 university circle
ogden, ut 84408
project no. 0910
dfcm project no. 09073810
01.18.10

a2.1