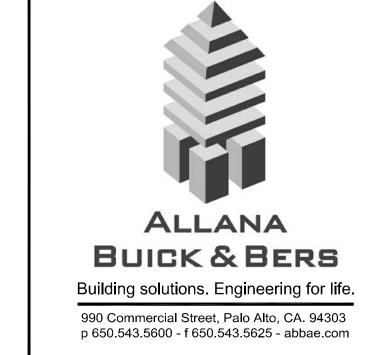
College of San Mateo 1700 W. Hillside San Mateo, CA.



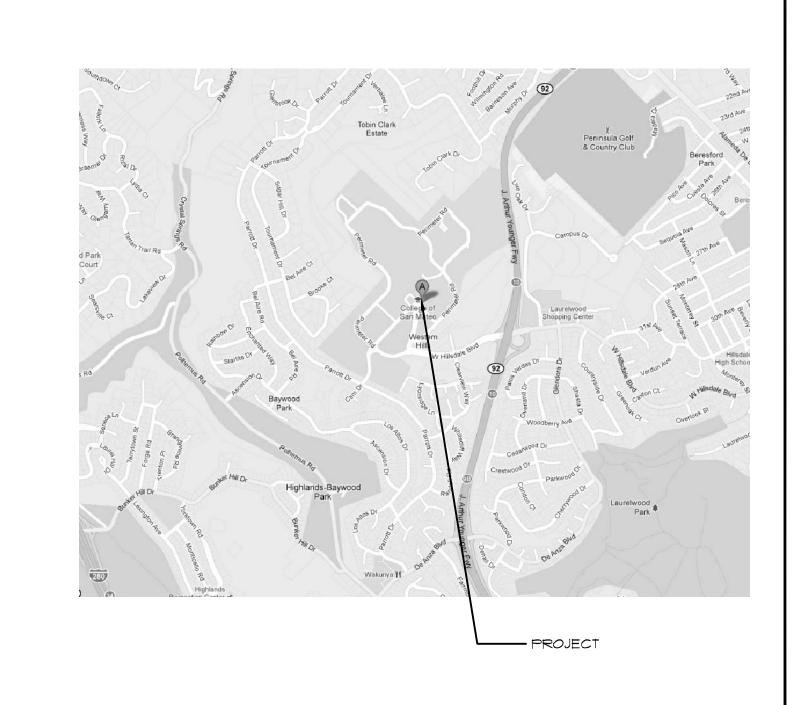
Building 12 and Colonnades Roof Replacement

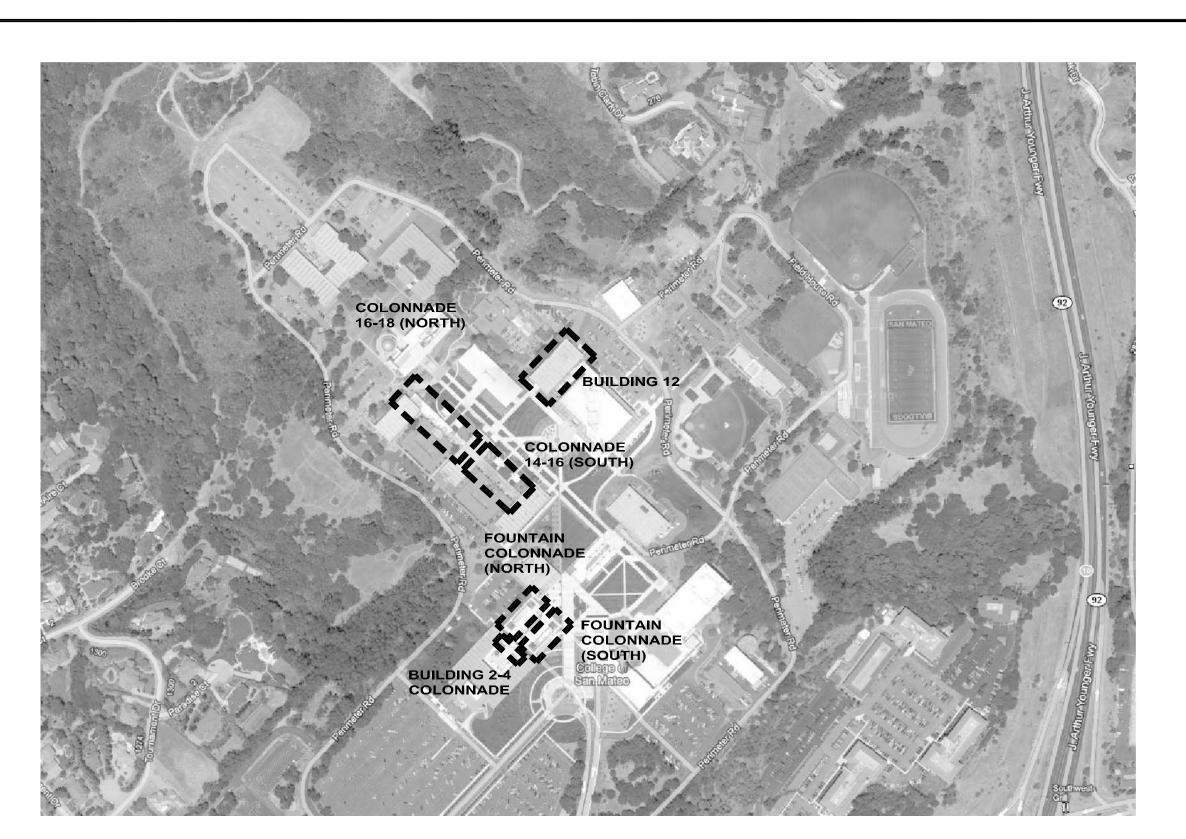
ABBREVIATIONS	GENERAL NOTES	SCOPE OF WORK	DRAWING INDEX
C.J. CONTROL JOINT FT. FOOT, FEET OFF. OFFICE CL. CLOSET FTG. FOOTING O.A. OVERHEAD CLG. CEILING FND. FOUNDATION OPNG. OPENING CLKG. CAULKING FURR. FURRING OPP. OPPOSITE C.O. CLEAN-OUT CLR. CLEAR GA. GAUGE PART. PARTITION COL. COLUMN GALY. GALYANIZED P.B. PARTICLE BC COMP. COMPOSITION G.B. GRAB BAR P.D. PLANTER DR. CONC. CONCRETE GWB. GYPSUM BOARD PLBG. PLUMBING CONN. CONNECTION G.I. GALYANIZED IRON PNT. PAINT CONST. CONSTRUCTION G.F.I. GROUND FAULT PRESAB. PRE-FABRICA CONT. CONTINUOUS INTERRUPT P.T. PRESSURE TR CORR. CORRIDOR GL. GLASS CTSK. COUNTERSINK GLB GLUE-LAMINATED BEAM P. LAM. PLASTIC LAM CNTR. COUNTER GND. GROUND PLAS. PLASTER CPT. CARPET GR. GRADE PLYWD. PLYWOOD	SM SPILLAR SHILLAR SHI	I. PROTECTION. NOTALL ALL PROTECTION NECESSARY TO PREVENT DAMACE TO BUILDING COMPONENTS AND CROWNED AND SOPERATE THE MONORITE HOT THE GOSTAL CAMPUS. THE MONORITE HOT THE GOSTAL CAMPUS. THE MONORITE HOT THE GOSTAL CAMPUS. THE MONORITE HOT DAME AT SULP VOIT AND ALL COLONADOS IN CITE TO EPRO. TO A BIRT DETAILED BY THE REPORT JUTH ROOM PLAY TO CONSILIANT AND CAMPUS CLEAR TO SECRET AND AND LICENT REFORM JUTH ROOM PROVIDE SCORE OF LOSK YOU DESTROY AND PROVIDE SCORE OF LOSK YOU DESTROY BY EACH SOLD THE REPORT JUTH ROOM PROVIDE SCORE OF LOSK YOU DESTROY BY EACH SOLD THE REPORT JUTH ADMERST TO SUBSTRAINE BOARD BLLLT ACHERED TO EXIST VIDEOLOGY. PROVIDE FRANKIS AND PLYWOOD CRICKES AT BULD NO BY TO ACHEVE HITHIR THE NOT BUT FOR THE TOTO SCORE THE REPORT AS BULD NO BY THE ACHE SOLD THE TOTO BY THE PROVIDE CAMPUS HEART OF BULD THE TOTO SCORE AND THE PROVIDE CAMPUS HEART OF THE PROVIDE CAMPUS HEART SOLD HEART OF THE PROVIDE CAMPUS HEART OF THE PROVIDE	AIOI COVER SHEET, GENERAL NOTES AND INDEX AIO2 CAMPUS SITE MAP A2OI DEMOLITION PLAN AND ROOF PLAN - BUILDING 12 A2O2 ROOF PLAN - COLONNADE 14-16 4 COLONNADE 16-16 A2O3 ROOF PLAN - FOUNTAIN COLONNADE SOUTH AND NORTH 4 BLIDG 2 AND 4 COLONNADE A3OI COLONNADE DETAILS A4OI BUILDING 12 DETAILS A4OI BUILDING 12 DETAILS A5OI PHOTOS
VICINITY MAP	LOCATION MAP	AERIAL MAP	

College of San Mateo 1700 W. Hillsdale San Mateo, CA

Building 12 and Colonnades Roof Replacement

San Mateo County Community College 3401 CSM Drive San Mateo, CA 94402



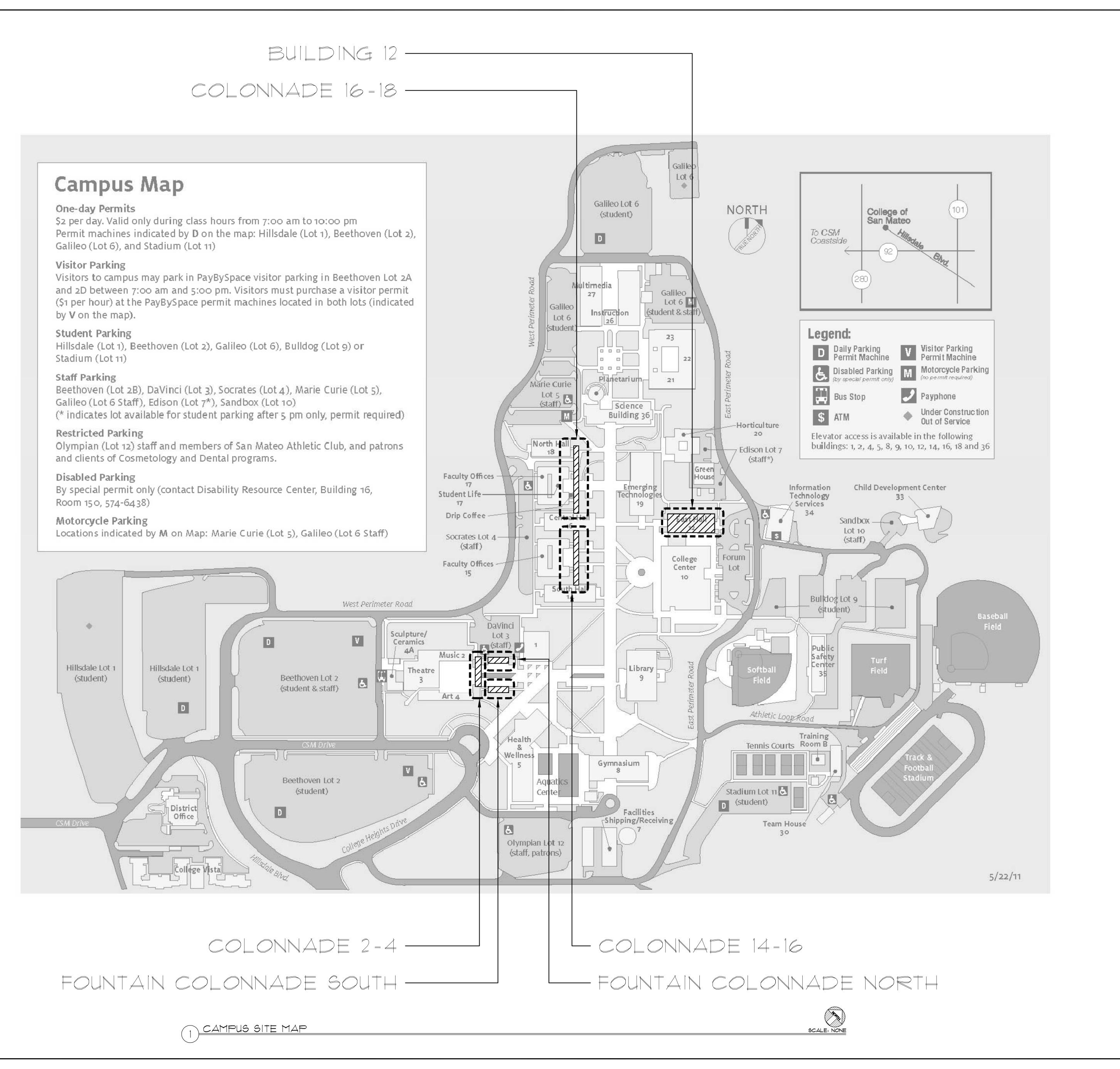


PROJECT NO. CAD DWG FILE DRAWN BY JKH/AI/AC/PK

CHECKED BY © COPYRIGHT ALLANA BUICK & BERS, INC. 2013

COVER SHEET **GENERAL NOTES AND** INDEX

SCALE: NOTED ON DRAWINGS



P:\2011 Projects\11-2750.01 SMCCCD - Roof - CSM PB12 and Colonnades\05-CD\Drawings\Working Set\2750 A101.dw

GENERAL SHEET NOTES

- A. NO MATERIAL SHALL BE STOCK PILED ON ROOF SURFACE, BEYOND THAT REQUIRED FOR IMMEDIATE USE.
- B. REFER TO EXHIBIT A- SITE LOGISTICS PLAN FOR ALL STAGING, STORAGE, PARKING, ACCESS, FENCING SIGNAGE, ETC DIRECTION.
- C. BUILDING AND SITE TO REMAIN IN-USE. DO NOT BLOCK ACCESS TO SITE OR BUILDING AT ANY TIME.
- D. CONTRACTOR TO ABIDE BY SITE PROTECTION AND SITE CLEANING REQUIREMENTS OUTLINED IN DIVISION I OF THE SPECIFICATIONS.

 CONSTRUCTION AND DEMOLITION DEBRIS TO BE CONFINED WITHIN SCAFFOLDING AND BARRIER FENCING, EXCEPT AT DESIGNATED DISPOSAL AREAS.
- E. LANDSCAPING AND / OR SITE WORK DAMAGED BY DEMOLITION / CONSTRUCTION OPERATIONS, CONTRACTOR EMPLOYEES, SUB-CONSULATANTS OR CONTRACTOR'S SUPPLIERS SHALL BE REPLACED BY CONTRACTOR AT NO COST TO OWNER OR OWNER'S REPRESENTATIVES.
- F. ANY DAMAGE TO THE BUILDING EXTERIOR FINISHES, WINDOWS, DOORS, SIGNS OR APPURTANCES SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR OWNER'S REPRESENTATIVES.
- G. ANY DAMAGE TO (E) PAVED ROADS, WALKWAYS OR SIDEWALKS SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR OWNER'S REPRESENTATIVES.

 H. SCAFFOLDING SHALL HAVE FENCING ON

EXTERIOR, IN AREA NOT WITHIN BARRIER

- FENCING. SCAFFOLDING SHALL HAVE
 PROTECTIVE SCREENS ON INTERIOR AND
 EXTERIOR SIDES.

 J. DOOR ENTRANCE CANOPIES SHALL BE FULL
 WIDTH OF OPENING. FULLY PROTECT ENTRANCE
- AND EXIT PATH FOR OCCUPANTS.
- K. CONTRACTOR SETUP AND STORAGE AREA.
 WALKWAYS ADJACENT TO SETUP AND STORAGE
 AREAS TO BE MAINTAINED AT WIDTHS IN
 COMPLIANCE WITH ADA REQUIREMENTS.

LEGEND

SCOPE OF WORK

ALLANA
BUICK & BERS
Building solutions. Engineering for life.

990 Commercial Street, Palo Alto, CA. 94303
p 650.543.5600 - f 650.543.5625 - abbae.com

College of San Mateo 1700 W. Hillsdale San Mateo, CA

Building 12 and Colonnades Roof Replacement

San Mateo County Community College 3401 CSM Drive San Mateo, CA 94402

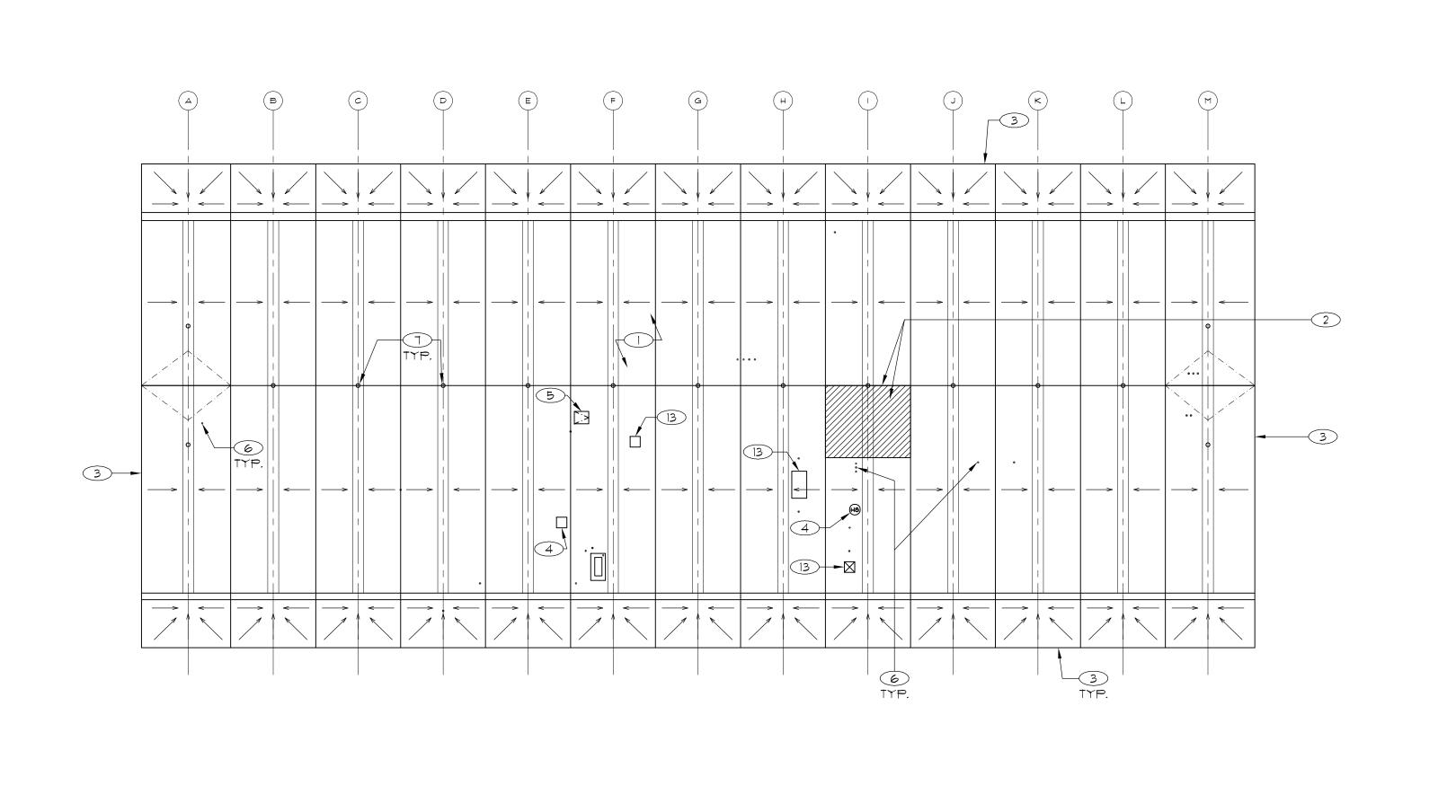
SCALE: NOTED ON DRAWINGS

© COPYRIGHT ALLANA BUICK & BERS, INC. 2013

CAMPUS SITE MAP

A102

EET



KEY NOTES

- 1. DEMOLISH AND DISPOSE EXISTING GRANULAR SURFACED ASPHALT CAP SHEET BUILT UP ROOF SYSTEM. DEMOLISH AND DISPOSE EXISTING CONCRETE SUPPORT ASSEMBLIES.
- 2. DEMOLISH AND DISPOSE EXISTING MECHANICAL EQUIPMENT AND SCREEN WALL ASSEMBLY. CONCRETE SUBSTRATE TO REMAIN, REFER TO DETAIL7/A402 FOR SUBSTRATE INFILL.
- 3. DEMOLISH AND DISPOSE EXISTING EDGE METAL. DO NOT DAMAGE EXISTING CONCRETE SUBSTRATE.
- 4. DEMOLISH AND DISPOSE EXISTING VENT
- 5. DEMOLISH AND DISPOSE EXISTING ROOF HATCH ASSEMBLY AND LADDER.
- 6. DEMOLISH AND DISPOSE EXISTING FLASHING. DO NOT DAMAGE EXISTING PENETRATIONS.
- 7. DEMOLISH AND DISPOSE EXISTING STRAINER DOME, CLAMPING RING, AND BOLTS.
- 8. PROVIDE 60 MIL FELT BACKED THERMOPLASTIC SINGLE PLY ROOF SYSTEM OVER 1/2" THICK SUBSTRATE BOARD, PRE-PRIMED.
- 9. EXISTING CRICKET TO REMAIN.
- 10. PROVIDE VENT CURB ASSEMBLY WITH ROOFING AND INTEGRATED ARCHITECTURAL HOOD ASSEMBLY.
- II. PROVIDE CAL OSHA APPROVED ROOF HATCH AND LADDER. INSTALL ACCESS LADDER IN THE CUSTODIAL CLOSET ON THE WEST ELEVATION WALL. PROVIDE BRACKETS THAT WILL ACCOMPLISH A 19 INCH STANDOFF THE WALL. PROVIDE BRACKETS AT THE BOTTOM, TOP AND INTERMEDIATE SPAN OF THE LADDER INSTALL LADDER EXTENSION ON THE LADDER. CONTRACTOR TO PROVIDE A WOOD FRAMED PLATFORM FOR ROOF HATCH TO TO SET LEVEL PROVIDE A LEVEL LANDING 3 FEET WIDE AT EXIT POINT FROM ROOF HATCH, REFER TO DETAIL 5/A402. CONTRACTOR TO PROVIDE SHOP DRAWINGS, INCLUDING BRACKETS, FASTENERS, DIMENSIONS, AND CLEARANCES OF LADDER HATCH AND PLATFORM, FOR APPROVAL PRIOR TO INSTALLATION.
- 12. CORE OVERFLOW DRAIN THROUGH (E) CONCRETE SUBSTRATE. SCAN CONCRETE PRIOR TO CORE TO ENSURE (E) RE-BAR IS NOT DAMAGED. INSTALL NEW OVERFLOW PIPE PER DETAIL 8/A401. (TYP.) AT EVERY VALLEY.
- 13. DEMOLISH AND DISPOSE EXISTING VENT ASSEMBLY. CURB TO REMAIN.
- 14. INSTALL PLYWOOD AND ROOFING SYSTEM OVER HOLE IN CONCRETE PER DETAIL 6/A402.

15. WOOD FRAMED CRICKET. FORM 2'-0"x2'-0" SUMP AROUND DRAIN. CONTRACTOR TO SUPPLY CRICKET SHOP DRAWING INCLUDING LAYOUT, SLOPE, SUBSTRATE AND SECUREMENT FOR APPROVAL PRIOR TO INSTALLATION. ALTERNATE: PROVIDE TAPERED POLYISO CRICKETS

AS NOTED WITH: #

ALLANA

BUICK & BERS

Building solutions. Engineering for life.

990 Commercial Street, Palo Alto, CA. 94303

p 650.543.5600 - f 650.543.5625 - abbae.com

College of San Mateo

1700 W. Hillsdale San Mateo, CA

Building 12 and

Replacement

3401 CSM Drive

San Mateo, CA 94402

Colonnades Roof

San Mateo County

Community College

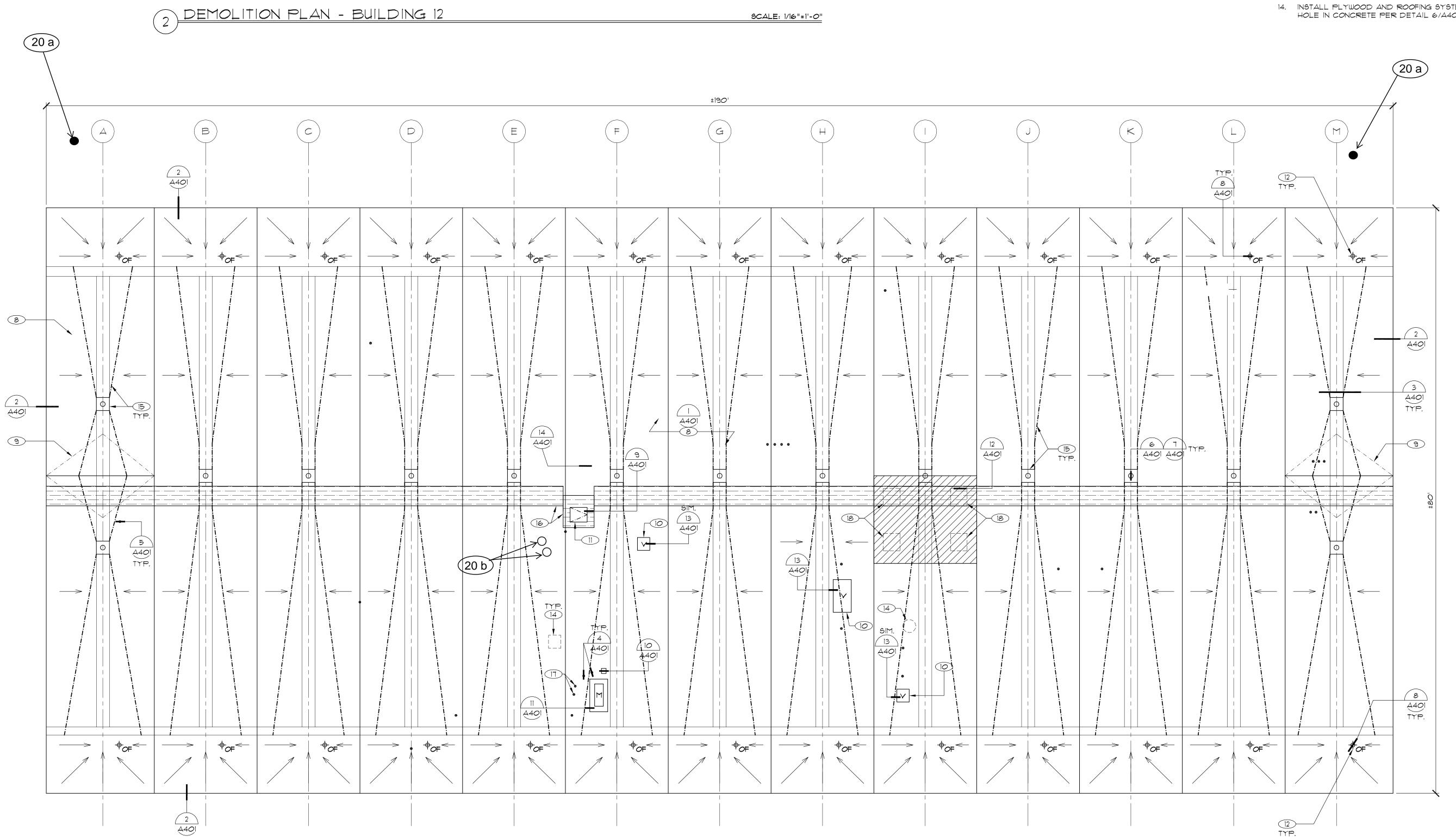
ADHERED WITH FOAM ADHESIVE. 16. WALK PAD PATTERN SHOWN TO BE INCLUDED IN BASE BID. CONTRACTOR SHALL ALSO SUPPLY UNIT PRICE PER LINEAR FOOT, FOR ADDITIONAL

WALKPAD.

- 17. CONTRACTOR TO CORE CONCRETE DECK IN TWO LOCATIONS TO INSTALL TWO 4" CONDUITS FOR FUTURE USE. SECURE WITH 1/2" RISER CLAMP. FLASH INTO ROOF SYSTEM AND CAP OFF TO PROVIDE A WATERTIGHT CONDITION. LOCATION IS APPROXIMATE, VERIFY WITH OWNER PRIOR TO CORING. DETAIL WILL BE SIMILAR TO 4/A401, WITH THREADED CAP INSTALLED.
- 18. INSTALL PLYWOOD AND ROOFING SYSTEM OVER OPEN CURB PER DETAIL 7/A402.
- 19. DEMOLISH AND DISPOSE ABANDONED ELECTRICAL WIRES/CONDUITS BELOW DECK LINE DISCONNECT AND CAP OFF PANEL. WIRES/CONDIUTS BELOW DECK TO REMAIN.

20 a. Provide cant strips, roofing and flashing to waterproof two (2) 18' x 18" base plates that will support security TV cameras.

20 b. Contractor to core concrete deck in two (2) locations and install two (2) 1.5 " conduits for future security TV cameras. Secure with 1/2" riser clamp. Flash into roof system and cap off to provide a watertight condition. Location is approximate, verify with owner prior to coring. detail will be similar to 4/A4.01, with threaded cap installed.



(E) VALLEY LINE ----- (E) CENTER OF VALLEY (E) ROOF DRAIN OVERFLOW DRAIN ROUND PENETRATION ROOF HATCH DETAIL CALLOUTS # KEY NOTES VENT MECHANICAL UNIT ROOF EQUIPMENT SCREEN, MECHANICAL UNITS, WOOD CURBS,

AND PENETRATIONS TO BE

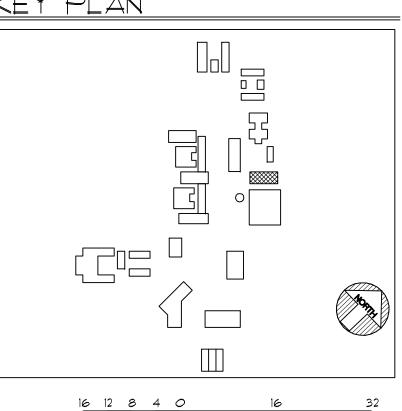
ASSEMBLIES TO REMAIN

DEMOLISHED. CONCRETE SUPPORT

(E) RIDGE LINE

KEY PLAN

LEGEND



SCALE: 1/16" = 1'-0"

SCALE: NOTED ON DRAWINGS

A201

BID SET

PROJECT NO. CAD DWG FILE

DRAWN BY

CHECKED BY

Description Date

2750_A201.dwg

JKH/AI/AC/PK

10/21/11

© COPYRIGHT ALLANA BUICK & BERS, INC. 2013

DEMOLITION PLAN

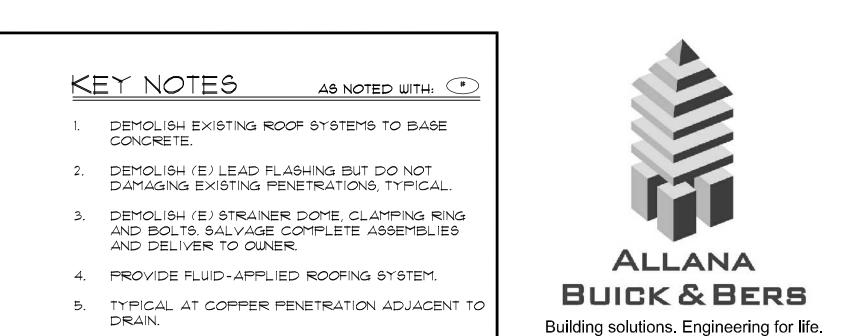
AND ROOF PLAN -

BUILDING 12

P:\2011 Projects\11-2750.01 SMCCCD - Roof - CSM PB12 and Colonnades\05-CD\Drawings\Working Set\2750_A201.dwg

ROOF PLAN - BUILDING 12

12 TYP. SCALE: 1/8" = 1'-0" SCALE: 1/8"=1'-0" I INCH AT FULL SCALE.
IF NOT I INCH THIS DRAWING
HAS BEEN REPRODUCED
(NOT TO SCALE SHOWN)

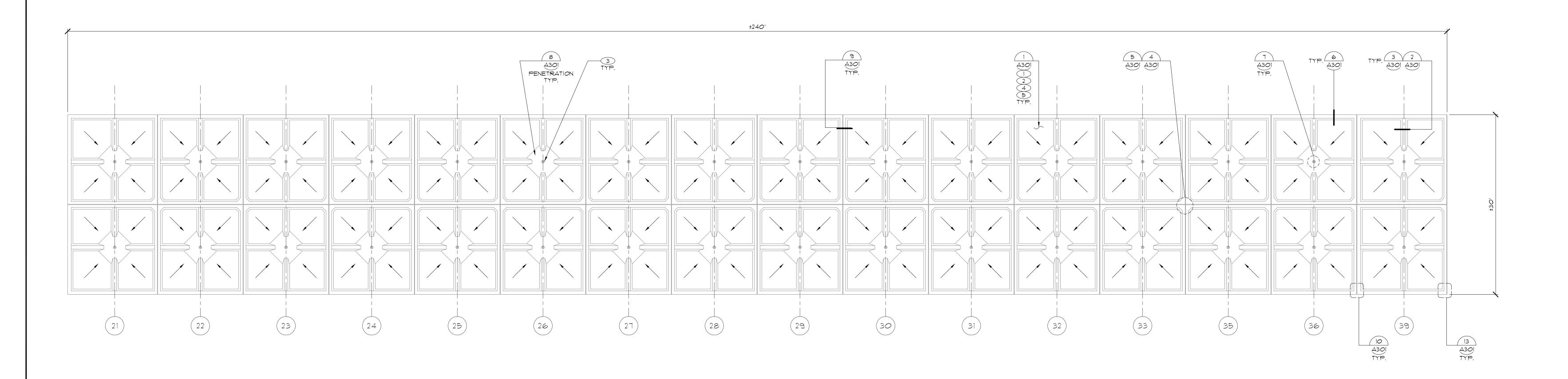


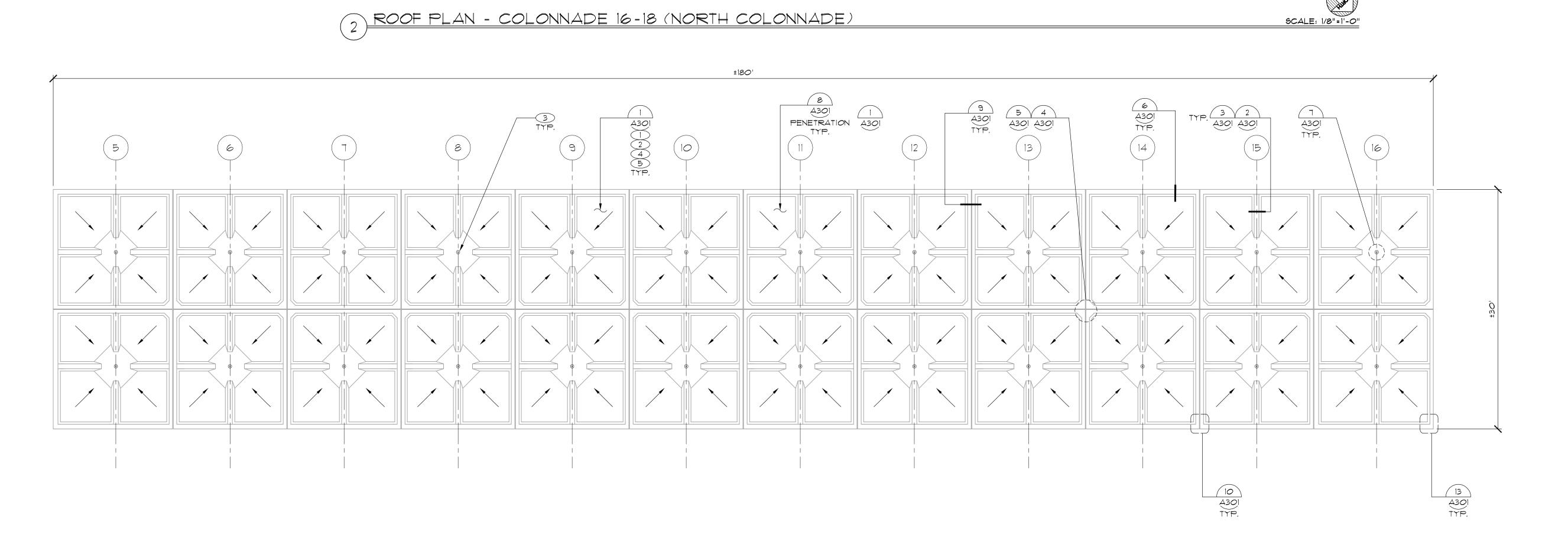
990 Commercial Street, Palo Alto, CA. 94303 p 650.543.5600 - f 650.543.5625 - abbae.com

#

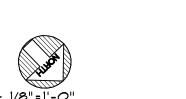
DETAIL CALLOUTS

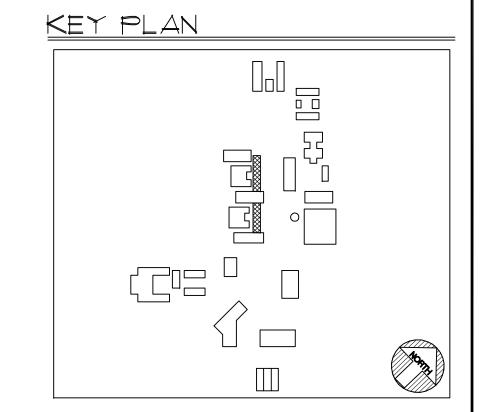
KEY NOTES





ROOF PLAN - COLONNADE 14-16 (SOUTH COLONNADE)





8 6 4 2 0 8 16 SCALE: 1/8" = 1'-0"

I INCH AT FULL SCALE.
IF NOT I INCH THIS DRAWING
HAS BEEN REPRODUCED
(NOT TO SCALE SHOWN)

SHEET TITLE

ROOF PLAN
COLONNADE 14-16 &

COLONNADE 16-18

BID SET

CAD DWG FILE 2750_A201.dwg

CHECKED BY RW/SC

PROJECT NO.

DRAWN BY

10/21/11

JKH/AI/AC/PK

College of San Mateo 1700 W. Hillsdale

San Mateo, CA

Building 12 and

Replacement

Colonnades Roof

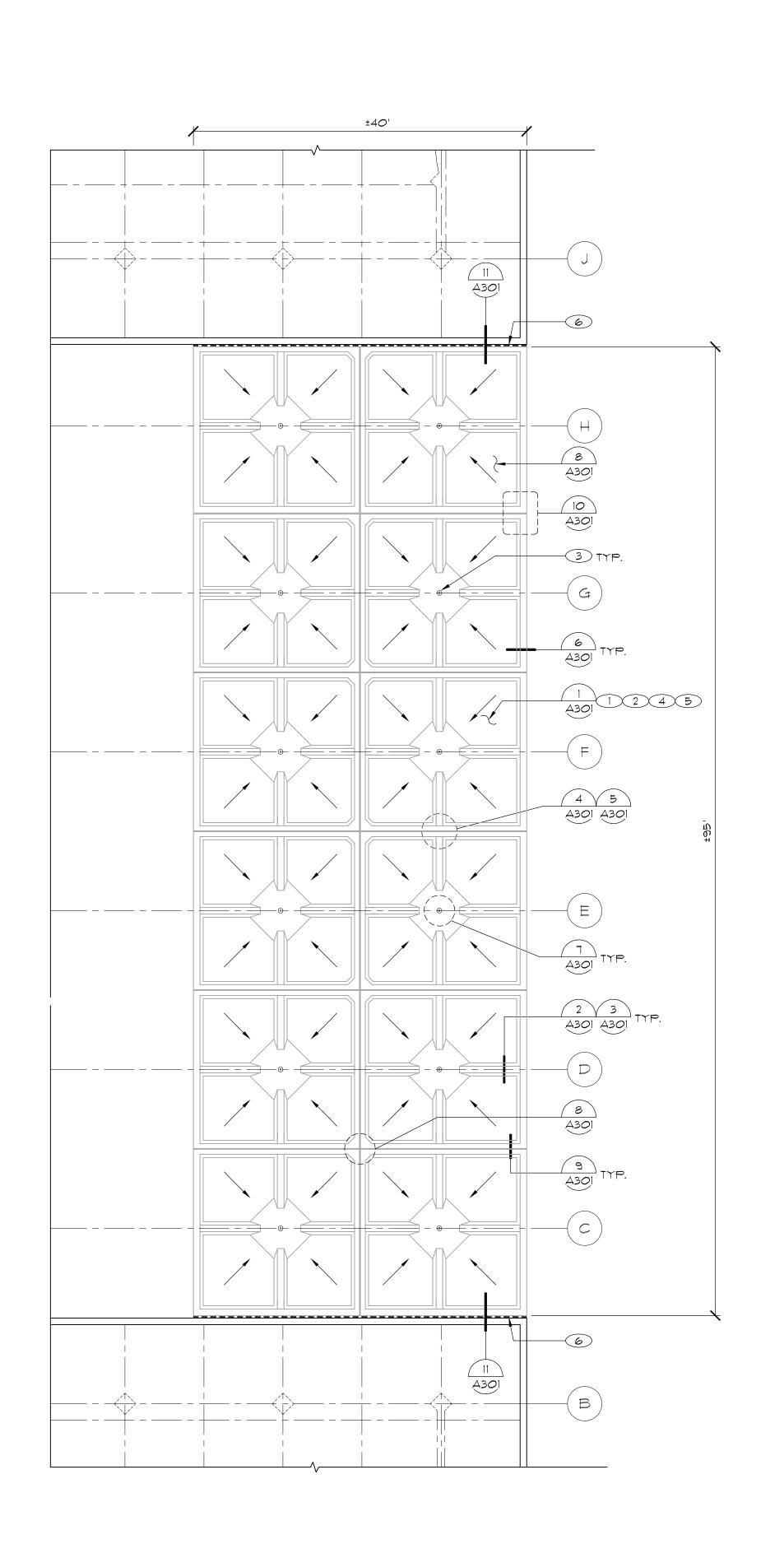
San Mateo County

Community College 3401 CSM Drive San Mateo, CA 94402

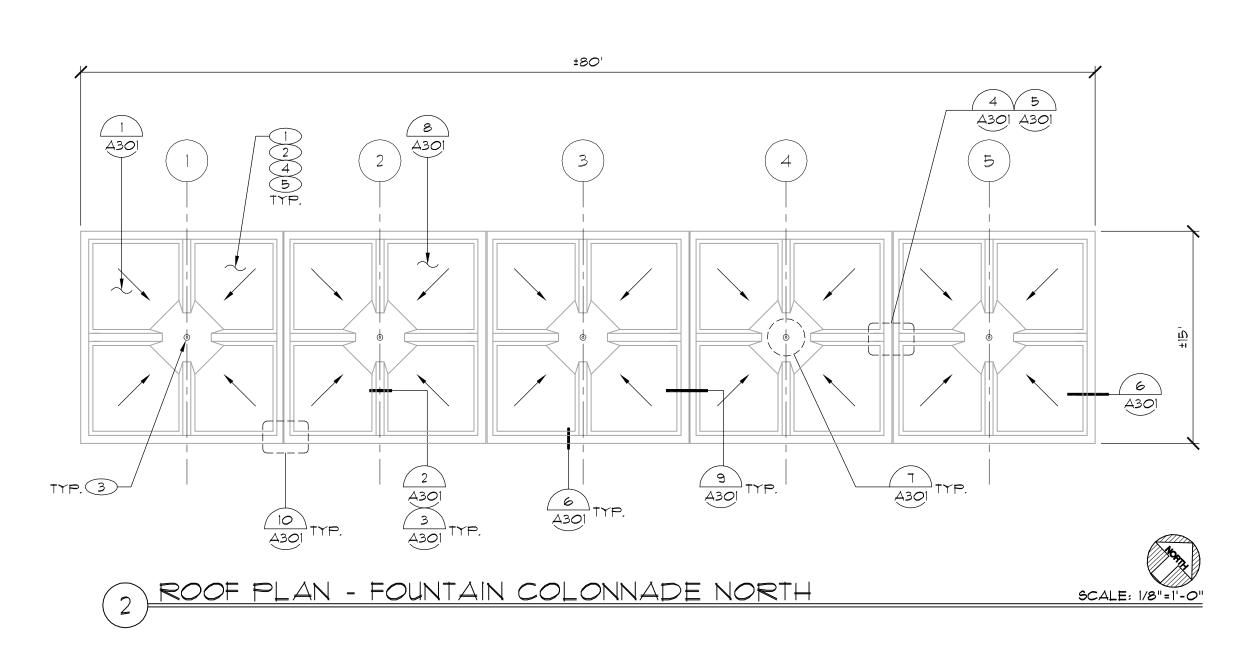
SCALE: NOTED ON DRAWINGS

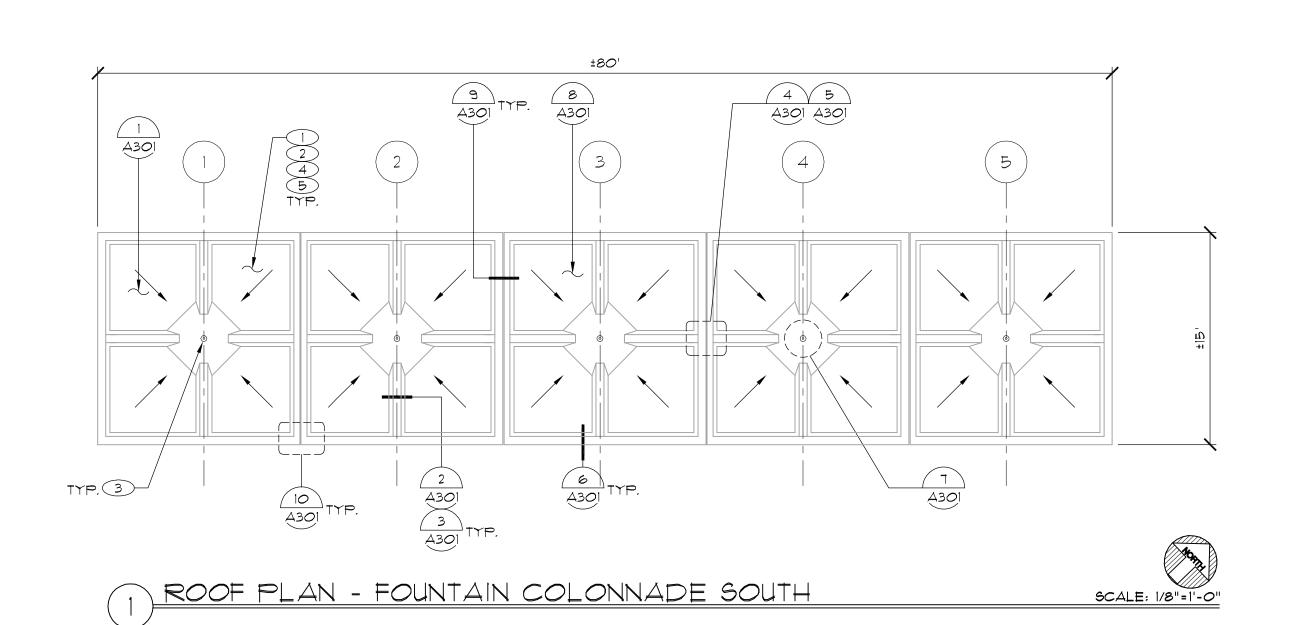
A202

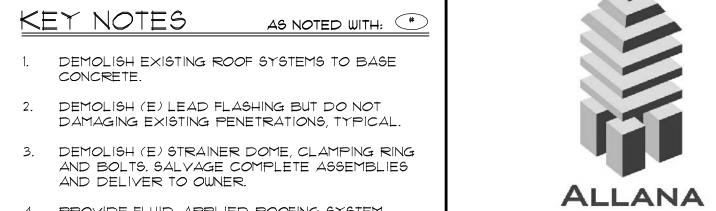
P:\2011 Projects\11-2750.01 SMCCCD - Roof - CSM PB12 and Colonnades\05-CD\Drawings\Working Set\2750_A202.dwg



(3) ROOF PLAN -BUILDING 2 AND 4 COLONNADE







4. PROVIDE FLUID-APPLIED ROOFING SYSTEM.5. TYPICAL AT COPPER PENETRATION ADJACENT TO

DRAIN.

6. PROVIDE EXPANSION JOINT, TURN DOWN TO BOTTOM OF FASCIA. PROVIDE PREFABRICATED

LEGEND

-----> (E) SLOPE DIRECTION

(E) ROOF DRAIN

EXPANSION JOINT AT ENDS, TYPICAL.

DETAIL CALLOUTS

* KEY NOTES

EXPANSION JOINT

College of San Mateo 1700 W. Hillsdale San Mateo, CA

BUICK & BERS

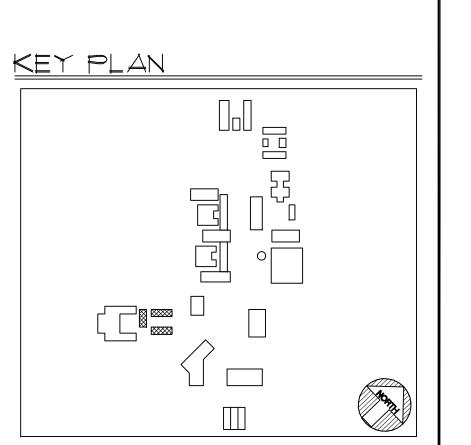
Building solutions. Engineering for life.

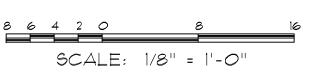
990 Commercial Street, Palo Alto, CA. 94303

p 650.543.5600 - f 650.543.5625 - abbae.com

Building 12 and Colonnades Roof Replacement

San Mateo County Community College 3401 CSM Drive San Mateo, CA 94402





1 INCH AT FULL SCALE. IF NOT I INCH THIS DRAWING HAS BEEN REPRODUCED (NOT TO SCALE SHOWN)

COLONNADE SOUTH
AND NORTH & BLDG 1
AND 4 COLONNADE

SCALE: NOTED ON DRAWINGS

SHEET

DRAWN BY

A203

BID SET

CAD DWG FILE 2750_A201.dwg

PROJECT NO. 11-2750

CHECKED BY RW/SC

Description Date

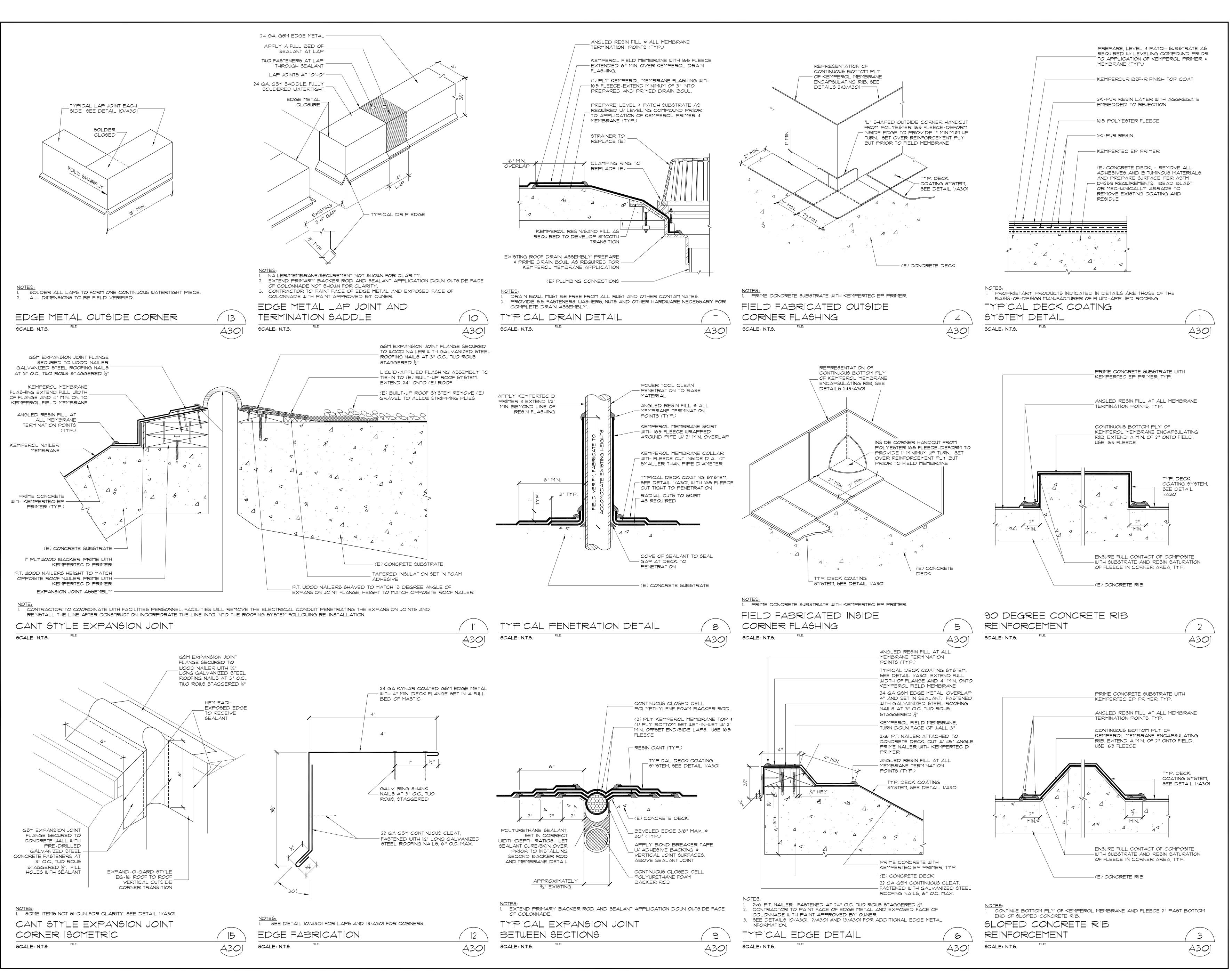
JKH/AI/AC/PK

10/21/11

© COPYRIGHT ALLANA BUICK & BERS, INC. 2013

ROOF PLAN - FOUNTAIN

P:\2011 Projects\11-2750.01 SMCCCD - Roof - CSM PB12 and Colonnades\05-CD\Drawings\Working Set\2750_A203.dwg



ALLANA
BUICK & BERS
Building solutions. Engineering for life.

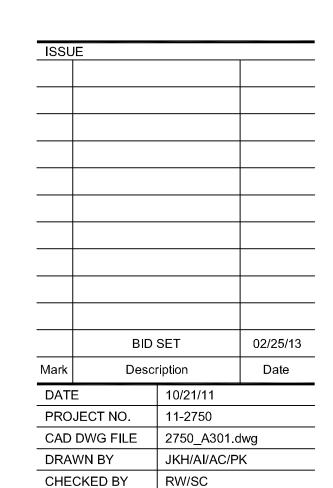
990 Commercial Street, Palo Alto, CA. 94303
p 650.543,5600 - f 650,543,5625 - abbae.com

College of San Mateo

Building 12 and Colonnades Roof Replacement

San Mateo, CA

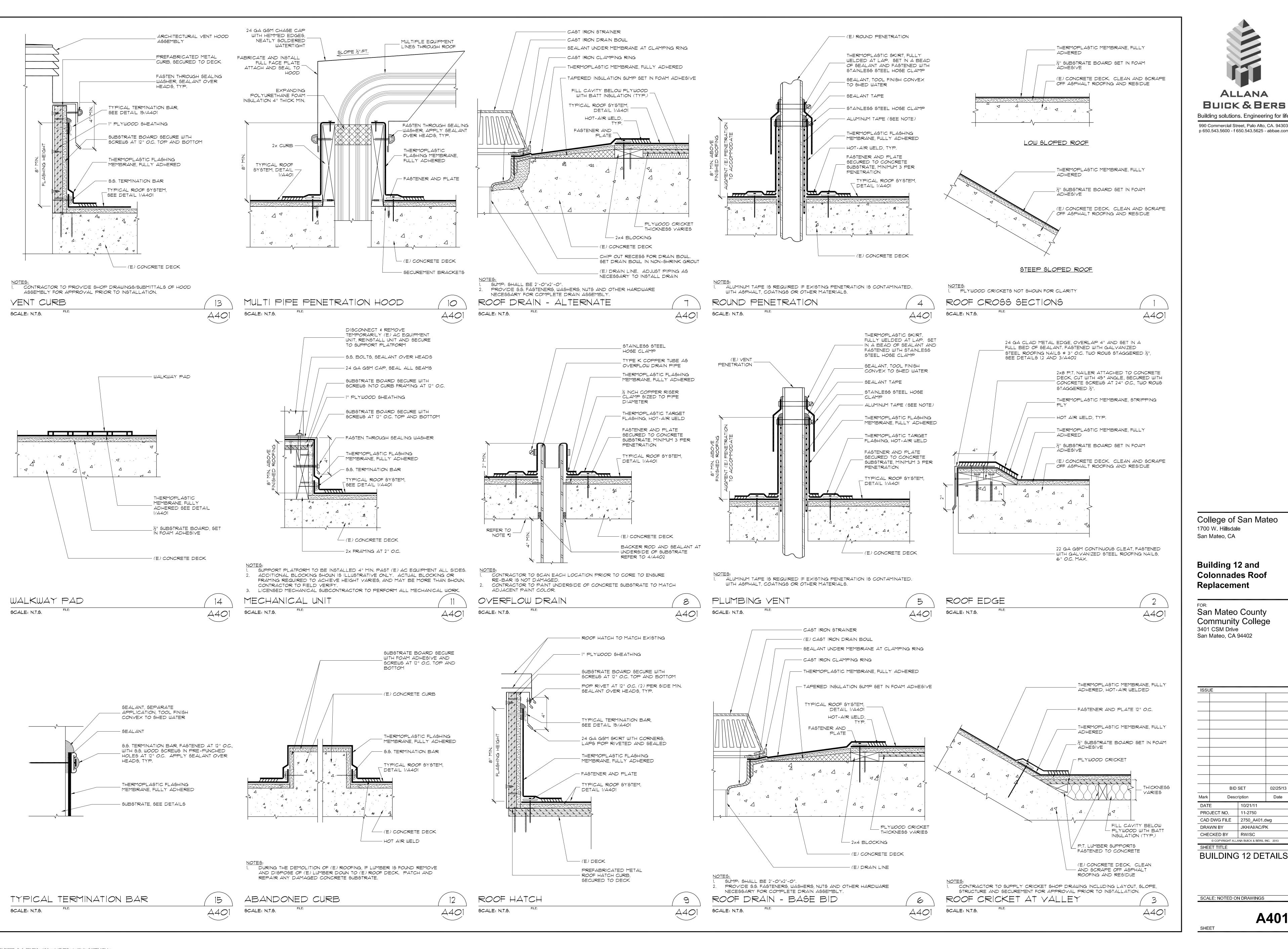
San Mateo County
Community College
3401 CSM Drive
San Mateo, CA 94402



SCALE: NOTED ON DRAWINGS

© COPYRIGHT ALLANA BUICK & BERS, INC. 2013

COLONNADE DETAILS

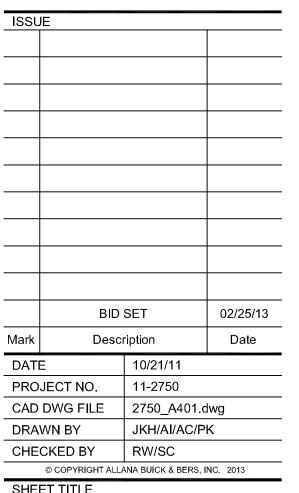




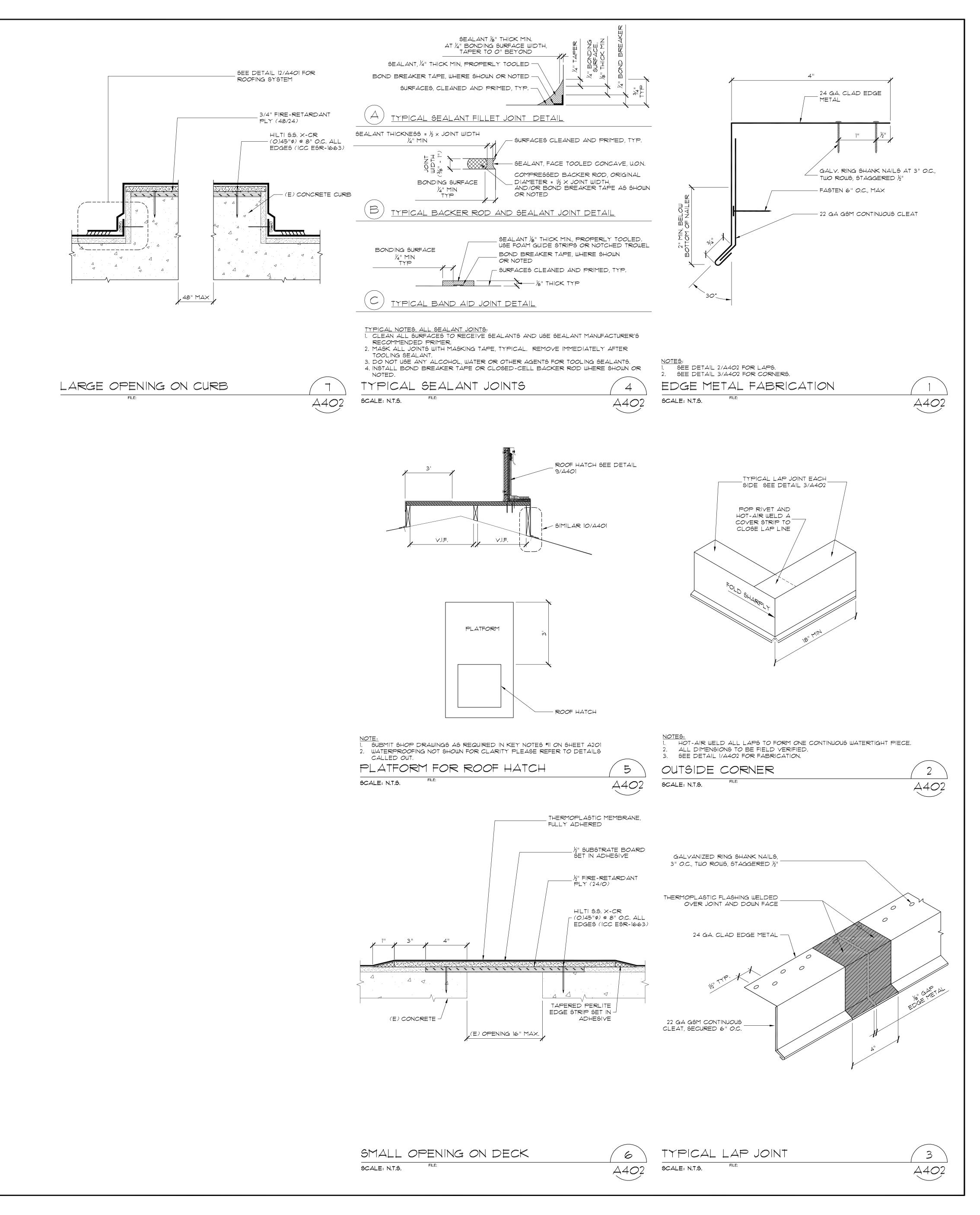
College of San Mateo 1700 W. Hillsdale

Building 12 and Colonnades Roof Replacement

San Mateo County Community College 3401 CSM Drive San Mateo, CA 94402



SCALE: NOTED ON DRAWINGS



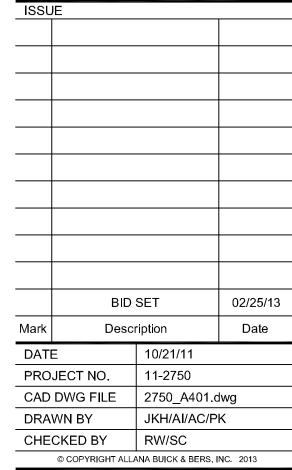
ALLANA
BUICK & BERS
Building solutions. Engineering for life.

990 Commercial Street, Palo Alto, CA. 94303
p 650.543.5600 - f 650.543.5625 - abbae.com

College of San Mateo 1700 W. Hillsdale San Mateo, CA

Building 12 and Colonnades Roof Replacement

San Mateo County Community College 3401 CSM Drive San Mateo, CA 94402

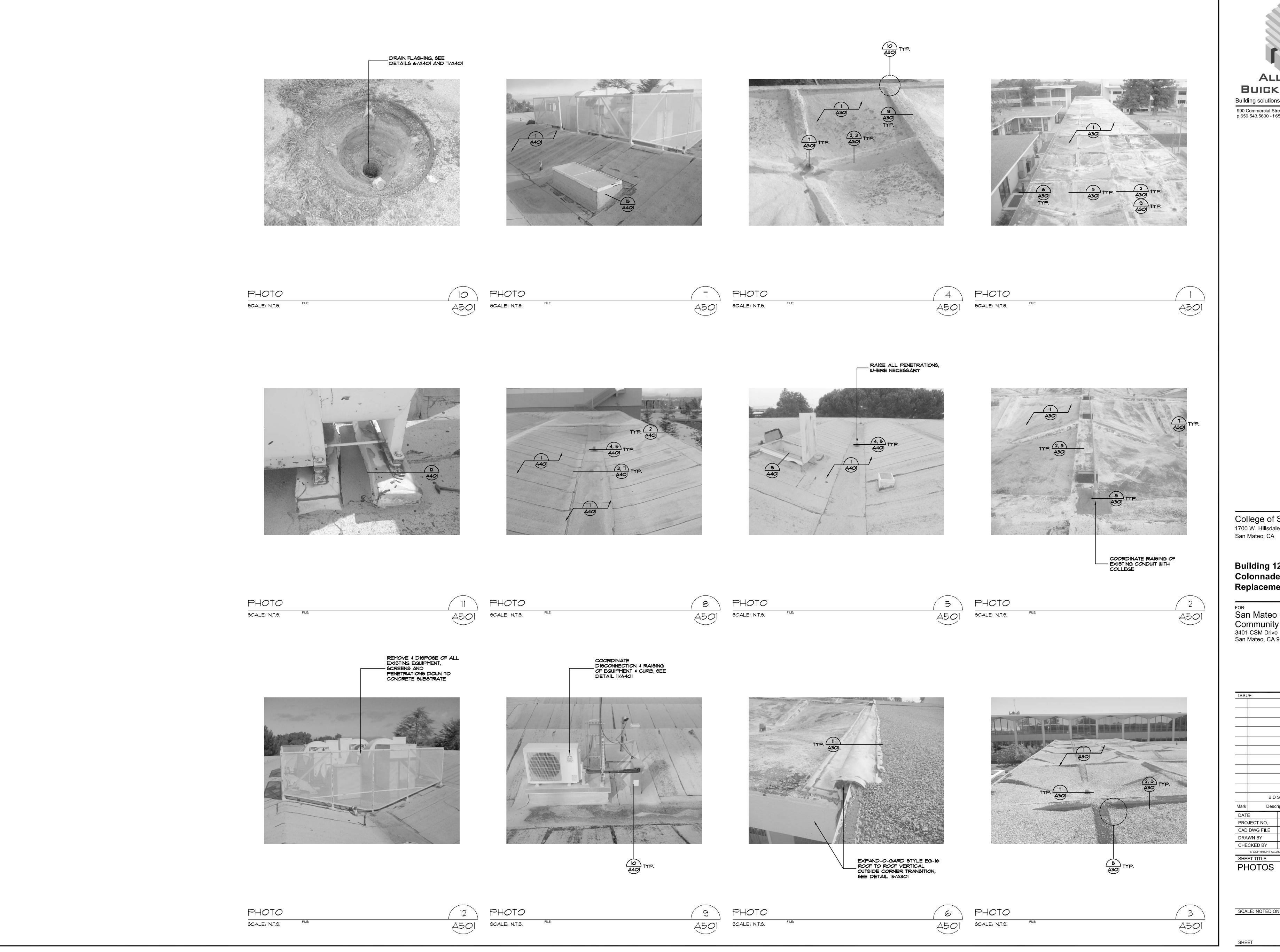


BUILDING 12 DETAILS

SCALE: NOTED ON DRAWINGS

A402

EET



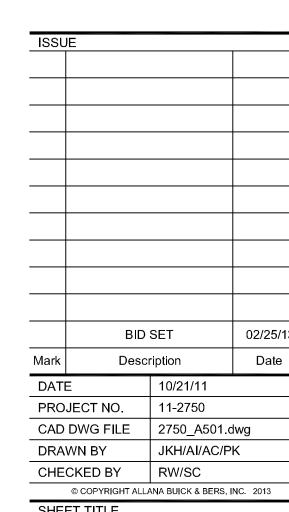
P:\2011 Projects\11-2750.01 SMCCCD - Roof - CSM PB12 and Colonnades\05-CD\Drawings\Working Set\2750_A501.dwg



College of San Mateo 1700 W. Hillsdale

Building 12 and Colonnades Roof Replacement

San Mateo County Community College 3401 CSM Drive San Mateo, CA 94402



SCALE: NOTED ON DRAWINGS

Notes

- 1. Equipment and material staging area
- 2. Contractor permit parking (20 parking permits provided by CSM). NO equipment or material staging.
- 3. Trash dumpster

Hillsdale Lot 1

(student)

Hillsdale Lot

(student)

D

District

- 4. Contractor access typical
- 5. Areas of Work typical
- 6. B2-4 and B12 may NOT be accessed by vehicle via pedestrian walk paths.
- 7. Colonnades at B14-B18 CAN be accessed via walk paths as shown. Contractor must protect walk paths to prevent any damage or staining. Contractor vehicles must be inspected and maintained to prevent any oils or fluids from staining concrete walk paths.

West Perimeter Road

4A

٧

Beethoven Lot 2 (student & staff)

CSM Drive

