MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

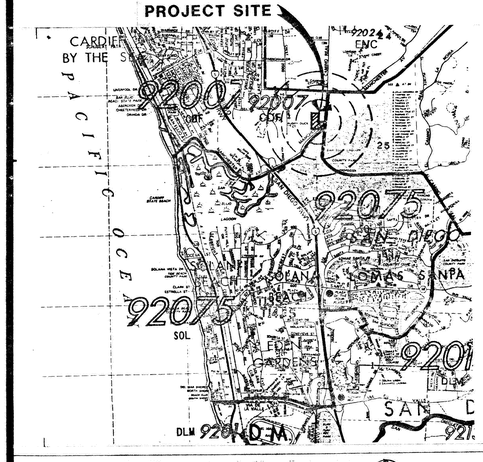
LIEBHARDT, WESTON & ASSOCIATES – ARCHITECTS

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

ABBREVIATIONS

@	AND	F.H.W.S.	FLAT HEAD WOOD SCREW	Q.T.	QUARRY TILE
∠	ANGLE	FIN.	FINISH		
@	AT	FLR.	FLOOR		
℄	CENTERLINE	F.O.C.	FACE OF CONCRETE		
ϕ	DIAMETER OR ROUND	F.O.M.	FACE OF MASONRY	R.	RISER
#	POUND OR NUMBER	F.O.S.	FACE OF STUDS	R.A.	RETURN AIR
□	PLATE	FTG.	FOOTING	RAD.	RADIUS
		FURR.	FURRING	RCP	REINFORCED CONCRETE PIPE
		F.G.	FINISH GRADE	R.D.	ROOF DRAIN
		F.O.F.	FACE OF FINISH	REV.	REFERENCE
		G.	GUTTER	REINF.	REINFORCED
		GA.	GAUGE	REQ.	REQUIRED
A.B.	ANCHOR BOLT	GALV.	GALVANIZED	RESIL.	RESILIENT
A.C.	ASPHALTIC CONCRETE	G.I.	GALVANIZED IRON	RFG.	ROOFING
A.D.	AREA DRAIN	GND.	GROUND	RM.	ROOM
ADJ.	ADJACENT	GR.	GRADE	R.O.	ROUGH OPENING
ALT.	ALTERNATE	GYP. BD	GYPSUM WALL BOARD	RWD.	REDWOOD
ASPH.	ASPHALT	H.B.	HOSE BIBB		
		H.C.	HOLLOW CORE		
		HDR.	HEADER	S.A.	SUPPLY AIR
BD.	BOARD	HDWD.	HARDWOOD	S.C.	SOLID CORE
BITUM.	BITUMINOUS	HDWE.	HARDWARE	S.D.	STORM DRAIN
BLK.	BLOCK	H.M.	HOLLOW METAL	SHT'G	SHEATHING
BLKG.	BLOCKING	HORIZ.	HORIZONTAL	SIM.	SIMILAR
BM.	BEAM	HT.	HEIGHT	SPEC.	SPECIFICATION
BOT.	BOTTOM			SQ.	SQUARE
BRG.	BEARING	I.D.	INSIDE DIAMETER (DIM.)	SST	STAINLESS STEEL
		INSUL.	INSULATION	STA.	STATION
		INT.	INTERIOR	STD.	STANDARD
C.A.	COMPRESSED AIR			STRUCT.	STRUCTURAL
C.B.	CATCH BASIN			SUSP.	SUSPENDED
CEM.	CEMENT			SYM.	SYMMETRICAL
CER.	CERAMIC	JT.	JOINT	STL.	STEEL
C.I.	CAST IRON			SHT.	SHEET
C.J.	CONSTRUCTION JOINT				
CLG.	CEILING			TELE.	TELEPHONE
CLKG.	CAULKING	LAM.	LAMINATE	TERR.	TERRAZZO
CLR.	CLEAR	LAV.	LAVATORY	T. & G.	TONGUE AND GROOVE
COL.	COLUMN	LIN.	LINEAL	THK.	THICK
CONC.	CONCRETE	LVR.	LOUVER	T.O.C./T.C.	TOP OF CURB/CONCRETE
CONSTR.	CONSTRUCTION	LT.	LIGHT		
CONTIN.	CONTINUOUS			T.O.S.	TOP OF STEEL
CONTR.	CONTRACT (OR)			T.O.W.	TOP OF WALL
CTSK	COUNTERSUNK	MAS.	MASONRY	TYP.	TYPICAL
CTR.	CENTER	MB.	MACHINE BOLT	T.	TREAD
		MDO	MEDIUM DENSITY OVERLAY		
		MFR.	MANUFACTURER	UNF.	UNFINISHED
		MH.	MANHOLE	U.O.N.	UNLESS OTHERWISE NOTED
		M.O.	MASONRY OPENING		
DBL.	DOUBLE	MTD.	MOUNTED		
D.F.	DRINKING FOUNTAIN	MTL.	METAL		
DIAM.	DIAMETER	MUL.	MULLION	VERT.	VERTICAL
DIM.	DIMENSION	M.C.B.	METAL CASING BEAD		
DN.	DOWN				
DR.	DOOR				
DWR.	DRAWER	N.I.C.	NOT IN CONTRACT	W.C.	WATER CLOSET
DS.	DOWNSPOUT	NO. or #	NUMBER	W/	WITH
DTL.	DETAIL	NOM.	NOMINAL	WD.	WOOD
DWG.	DRAWING	N.T.S.	NOT TO SCALE	W/O	WITHOUT
				WP.	WATERPROOF
				WT.	WEIGHT
EA.	EACH	OBS.	OBSCURE		
E.J.	EXPANSION JOINT	O.C.	ON CENTER		
ELEV.	ELEVATION	O.D.	OUTSIDE DIAMETER (DIM.)		
ENCL.	ENCLOSURE	OPNG.	OPENING		
EQ.	EQUAL	OPP.	OPPOSITE		
EXT.	EXTERIOR				
EXIST.	EXISTING				
		P. LAM.	PLASTIC LAMINATE		
F.A.	FIRE ALARM	PLAS.	PLASTER		
F.D.	FLOOR DRAIN	PLYWD	PLYWOOD		
FDN.	FOUNDATION	PR.	PAIR		
F.E.	FIRE EXTINGUISHER	PT.	POINT		
F.E.C.	FIRE EXTINGUISHER CABINET	PART.	PARTITION		
F.H.C.	FIRE HOSE CABINET	PVC	POLYVINYL CHLORIDE		
F.H.M.S.	FLAT HEAD MACHINE SCREW	P.G.	PLATE GLASS		

PROJECT SITE



VICINITY MAP

PROJECT DATA

(G302DESC*J302.HD)

LEGAL DESCRIPTION:

All of the portion of the southeast one quarter of the north east one quarter of Section 22, township 13 south, range 4 west, San Bernardino Base Meridian in the County of San Diego State of California, according to United States Geographic survey thereof.

SITE ADDRESS:

3333 Manchester Avenue
Cardiff by the Sea, California 92007

OWNER:

MiraCosta Community College District
One Barnard Drive
Oceanside, California 92056-3899

SITE AREA:

BUILDING DESCRIPTIONS AND AREAS:

Designation	Description	Occupancy	Area
Building "A"	Admin. Office	(B-2)	4,158 s.f.
Building "B"	Classrooms	(A-3)	5,947 s.f.
Building "C"	Food Service	(B-2)	2,950 s.f.
Building "D"	Classrooms	(A-3)	7,334 s.f.
Building "E"	Classrooms	(A-3)	8,991 s.f.
Building "F"	Assembly	(A-3)	11,667 s.f.
Building "M"	Maintenance	(B-2)	1,595 s.f.
TOTAL BUILDING AREA			42,602 s.f.

CONSTRUCTION TYPE: Type VN - Sprinklered

CODE: 1979 Edition, Uniform Building Code
1985 Edition, State Building Code

NUMBER OF STORIES: One

CONSULTANTS:

CIVIL ENGINEER	Sholders & Sanford 3569 5th Avenue San Diego, CA. 92103 (619) 298-3027
STRUCTURAL ENGINEER	Karlotis & Associates 711 Mission Street South Pasadena, CA. 91030 (213) 682-2871
MECHANICAL/ELECTRICAL/PLUMBING	Dunn-Lee-Smith-Klein 4747 Morena Blvd, #100 San Diego, CA. 92117 (619) 483-7700
LANDSCAPE ARCHITECTS	Wimmer, Yamada & Assoc. 516 5th Avenue San Diego, CA. 92101 (619) 232-4004
SPECIFICATIONS	Conspec Consultants 1335 Hotel Circle Suite 108 San Diego, CA. 92108 (619) 297-7732

TELESCOPING SEATING

INSTALLATION OF TELESCOPING SEATING (BUILDING E) SHALL NOT BE STARTED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER IN GENERAL CHARGE OF DESIGN AND THE SIGNATURE OF THE ARCHITECT OR PROFESSIONAL ENGINEER WHO HAS BEEN DELEGATED RESPONSIBILITY COVERING THE WORK SHOWN ON A PARTICULAR PLAN OR SPECIFICATION, AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT.

(TELESCOP.418)

NOTE!

FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAW.

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(SHT-NDX.418)

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

ABBREVIATIONS, PROJECT DATA, SHEET INDEX, VICINITY MAP

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

T1.1

DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans -REFERENCE DOCUMENTS ONLY

CEILING NOTES

FOR CEILING SYSTEMS WHOSE TOTAL WEIGHT INCLUDING AIR CONDITIONING GRILLES AND LIGHT FIXTURES DOES NOT EXCEED FOUR (4) PSF. HEAVIER SYSTEMS AND THOSE SUPPORTING LATERAL LOADS FROM PARTITIONS WILL REQUIRE SPECIAL DESIGN DETAILS.

1. 12 GA. (MIN.) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG MAIN RUNNERS. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY OSA/SSS.

2. PROVIDE 12 GA. HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN 8" FROM THE SUPPORT OR WITHIN 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LEAST, FOR THE PERIMETER OF THE CEILING AREA. END CONNECTIONS FOR RUNNERS WHICH ARE DESIGNED AND DETAILED TO RESIST THE APPLIED HORIZONTAL FORCES MAY BE USED IN LIEU OF THE 12 GA. HANGER WIRES SUBJECT TO OSA/SSS REVIEW AND APPROVAL.

3. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTER-SLOPING WIRES.

4. CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 1/2 INCH FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 1/2 INCH CLEAR OF WALL.

5. AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS 12" OR LESS, THIS INTERLOCK IS NOT REQUIRED.

6. PROVIDE SETS OF FOUR 12 GA. SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AS FOLLOWS:

   A. FOR SCHOOL BUILDINGS, PLACE SETS OF BRACING WIRES AT A SPACING NOT MORE THAN 12 FEET BY 12 FEET ON CENTER.

   B. PROVIDE BRACING WIRES AT LOCATIONS NOT MORE THAN 1/2 THE SPACING GIVEN IN (A) ABOVE FROM EACH PERIMETER WALL AND AT THE EDGE OF VERTICAL CEILING OFFSETS.

   C. THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT TO BE PERMITTED WITHOUT SPECIAL OSA/SSS APPROVAL.

7. FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS. FASTEN BRACING WIRES WITH 4 TIGHT TURNS, MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1-1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.

8. SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC. IT IS ACCEPTABLE TO ATTACH LIGHTWEIGHT ITEMS, SUCH AS SINGLE ELECTRICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO OSA/SSS.

9. WHEN DRILLED-IN CONCRETE ANCHORS OR SHOT-IN ANCHORS ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 MUST BE FIELD TESTED FOR 200 POUNDS OF TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 MUST BE FIELD TESTED FOR 440 POUNDS IN TENSION. SHOT-IN ANCHORS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES. IF ANY SHOT-IN OR DRILLED-IN ANCHOR FAILS, ALL ADJACENT ANCHORS MUST BE TESTED. NOTE: DRILLED-IN OR SHOT-IN ANCHORS REQUIRE SPECIAL OSA/SSS APPROVAL WHEN USED IN PRESTRESSED CONCRETE.

10. ATTACH ALL LIGHT FIXTURES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES.

11. FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO 12 GA. SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4' X 4' LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER.

    ALL FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING 56 POUNDS OR MORE MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GA. WIRES EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED.

    THE 4 TAUT 12 GA. WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE MUST BE CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE UNIT.

12. ALL FIXTURES AND AIR TERMINALS OR SERVICES SUPPORTED ON INTERMEDIATE DUTY GRID SYSTEMS MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GA. WIRES EACH ATTACHED TO THE FIXTURE OR TERMINAL AND TO THE STRUCTURE ABOVE.

13. SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE SUPPORTED FROM THE STRUCTURE ABOVE BY A 12 GA. WIRE. SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCEPTABLE.

    PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8 FEET OR LONGER.

14. SUPPORT PENDANT MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE FIXTURE. SPECIAL DETAILS ARE NECESSARY FOR THIS CONDITION AT THE CEILING GRID.

(CLG-NOTE.418)

GENERAL NOTES

A. GENERAL REQUIREMENTS (G302DWGN*J302.HD)
CONTRACTORS RESPONSIBILITIES

1. All required permits must be obtained by the Contractor from Governmental Agencies before the building is occupied.
2. Plans for all fixed fire protection equipment such as standpipes, and fire alarms systems must be submitted for approval before this equipment is installed.
3. Fire damper assemblies, including sleeves, and installation procedures shall be approved prior to installation.
4. Interior wall and ceiling finish flame spread rating shall be as required by Chapter 42, Uniform Building Code.
5. Provide illuminated exit signs as required by (Sec. 3314).
6. All exits to be openable from inside without use of a key. (Sec. 3304-c).
7. Required exit doorways shall be not less than 36 inches in width and not less than 6 feet, 8 inches in height. No door leaf shall exceed 4 feet in width. (Sec. 3304-c, 3304-f).

ACCOMMODATIONS FOR THE PHYSICALLY HANDICAPPED

The building shall be accessible to the handicapped as provided for in the 1985 Uniform Building Code and the California Administrative Code Title 24 (1985 Edition).

B. WALKS AND SIDEWALKS (SEC. 2-3323)
See California Administrative Code Title 24.

1. Walks and sidewalks shall have a continuous common surface, not interrupted by steps or by abrupt changes in level exceeding 1/2 inch, and shall be a minimum of 48 inches in width.
2. Surfaces with a slope of less than 6 percent gradient shall be at least as slip-resistant as that described as a medium salted finish.
3. Surfaces with a slope of 6 percent gradient or greater shall be slip-resistant.
4. Surface cross slopes shall not exceed 1/4 inch per foot.
5. Walks, sidewalks and pedestrian ways shall be free of gratings whenever possible. For gratings located in the surface of any of these areas, grid openings in gratings shall be limited to 1/2 inch in the direction of traffic flow.
6. When the slope in the direction of travel of any walk exceed 1 vertical to 20 horizontal, it shall comply with the provisions for Pedestrian Ramps.
7. Abrupt changes in level along any accessible route shall not exceed 1/2 inch. When changes in level do occur, they shall be beveled with a slope no greater than 1:2 except that level changes not exceeding 1/4 inch may be vertical. When changes in levels greater than 1/2 inch are necessary they shall comply with the requirements for curb ramps.
8. Walks shall be provided with a level area not less than 60 inches by 60 inches at a door or gate that swings toward the walk, and not less than 48 inches wide by 44 inches deep at a door or gate that swings away from the walk. Such walks shall extend 24 inches to the side of the strike edge of a door or gate that swings toward the walk.

C. HAZARDS (SEC. 2-3324)

1. Warning curbs. Abrupt changes in level, except between a walk or sidewalk and an adjacent street or driveway, exceeding 4 inches in a vertical dimension, such as at planters or fountains located in or adjacent to walks, sidewalks, or other pedestrian ways, shall be identified by curbs projecting at least 6 inches in height above the walk or sidewalk surface to warn the blind of a potential drop off. When a guardrail or handrail is provided, no curb is required when a guardrail is provided center 3 inches (plus or minus one inch) above the surface of the walk or sidewalk, the walk is 5 percent or less gradient or no adjacent hazard exists.
2. Overhanging Obstructions: Any obstruction that overhangs a pedestrian's way shall be a minimum of 80 inches above the walking surface as measured to the bottom of the obstruction.

D. RAMPS (SEC. 2-336)

1. The slope of a ramp shall not exceed 1 in 12.
2. The top landings on a ramp must be at least 60 inches in depth.
3. If a door swings onto a top landing, the landing depth shall not be less than 42 inches plus the width of the door.
4. The top landing shall have a width not less than its depth.
5. The top landing shall extend not less than 24 inches beyond the strike side of the door at exterior ramps and 18 inches at interior ramps.
6. The bottom landing shall be not less than 72 inches deep.
7. Intermediate landings shall be provided at turns and whenever the change in level exceeds 30 inches.
8. Intermediate landings on straight ramps shall have a depth of not less than 60 inches. Intermediate landings on ramps that turn greater than 30 degrees shall be not less than 6 feet in depth.
9. Ramps shall be not less than 4 feet wide.
10. Ramps serving a primary entrance for an occupant load of 300 or more shall be not less than 5 feet wide.
11. Handrails shall be placed on each side or each ramp and shall extend 12 inches beyond the top and bottom of the ramp.
12. Surfaces of ramps shall be slip resistant.

E. DRINKING FOUNTAINS (SEC. P-1507)

1. The drinking fountain shall be a minimum of 18 inches in depth and there shall be clear and unobstructed spaces under the drinking fountain not less than 27 inches in height and 18 inches in depth, the depth measurements being taken from the front edge of the fountain. A side approach drinking fountain is not acceptable.
2. The bubbler shall be activated by a control which is easily operated by a handicapped person such as a hand-operated lever type control located within 6 inches of the front of the fountain, a push bar control along the front of the drinking fountain, etc. The bubbler outlet orifice shall be located within 6 inches of the front of the drinking fountain and shall be within 36 inches of the floor. The water stream from the bubbler shall be substantially parallel to the front edge of the drinking fountain.

F. DOORS & HARDWARE (SEC. 2-3301, 3303, 3306)

1. All primary entrances to buildings shall be made accessible to the handicapped.
2. Hand activated door opening hardware shall be centered between 30 inches and 44 inches above the floor. Latching and locking doors that are hand activated and which are in a path of travel, shall be operable with a single effort by lever type hardware, by panic bars, push-pull activating bars, or other hardware designed to provide passage without requiring the ability to grasp the opening hardware. Locked exit doors shall operate as above in egress direction.
3. Width and Heights. Every required exit doorway shall be of a size as to permit the installation of a door not less than 3 feet in width and not less than 6 feet, 8 inches in height. When installed in exit doorways, exit doors shall be capable of opening at least 90 degrees and shall be so mounted that the clear width of the exitway is not less than 32 inches.
4. For hinged doors, the opening width shall be measured with the door positioned at an angle of 90 degrees from its closed position. At least one of a pair of doors shall meet this opening width requirement. Revolving doors shall not be used as a required entrance for the physically handicapped.
5. Maximum effort to operate doors shall not exceed 8.5 pounds for exterior doors and 5 pounds for interior doors, such pull or push effort being applied at right angles to hinged doors and at the center plane of sliding or folding doors. Compensating devices or automatic door operators may be utilized to meet the above standards. When fire doors are required, the maximum effort to operate the door may be increased not to exceed 15 lbs.
6. Construction. The bottom 10 inches of all doors except automatic and sliding shall have a smooth uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition. Where narrow frame doors are used, a 10 inch high smooth panel shall be installed on the push side of the door, which will allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.
7. Thresholds shall not exceed 1/2 inch in height.
8. Provide 42 inches high protective railing for porches, balconies, and open sides of landings and stairs. Maximum opening between railings is 6 inches at public areas and 12 inches at non-public areas (Sec. 1711, 1716).
9. Provide exit corridors 44 inches wide minimum, dead end corridors are limited to 20 feet. (3305-b, 3305-e).
10. Stairways and Landings shall be constructed as required by (Sec.3306)
    a. Handrails, height 30 inches to 34 inches above treads.
    b. Handrail handgrips shall be 1-1/4 inches to 2 inches in diameter and 1-1/2 inches clear to wall.
    c. Exterior stairways and landings shall be of non-combustible construction. (Sec. 3306-n).
11. See Soils Report by Benton Engineering, Inc. Project No. 84-11-24-A, January 4, 1985.
12. Wood and earth separation: Foundations supporting wood shall extend at least 12 inches above the adjacent finished grade.
13. All general notes are the minimum standards; if more complete information is encountered in other parts of the Construction Documents the Contractor shall be required to comply with the most stringent requirements. See Specifications for additional requirements.
14. The Contractor shall field verify the existing conditions and notify the Architect in writing of discrepancies between the Contract Documents and the existing conditions.
15. The Contractor is considered a specialist in their respective fields and shall notify the Architect in writing of any work that cannot be fully guaranteed, prior to ordering materials or performance of work.
16. The Contractor shall apply for and obtain all permits required to complete this project.
17. The Contractor's work shall conform to the 1979 Uniform Building Code, all applicable Federal, State and Local Code requirements.
18. Clean Up: Dispose of all debris promptly off the site in a legal disposal area.
19. Job Safety: The Protection of persons and property is solely the Contractor's responsibility.
20. It is the Contractor's responsibility to grade the site and to slope all grading and concrete work to provide positive drainage to the Area Drains and Storm Drains.
21. Do Not Scale the drawings. If a conflict in the dimensions is encountered, notify the Architect in writing for a clarification. Field verify all dimensions prior to ordering materials or beginning construction.
22. It is the Contractor's responsibility to protect all existing tree, shrubs and ground cover on and adjacent to the site.

G. SANITARY FACILITIES (SEC. 2-1711)

1. Passageways leading to sanitary facilities shall have a clear access width as specified in Chapter 2-33. All doorways leading to such sanitary facilities shall have:
    a. A clear unobstructed opening width of 32-inches.
    b. A level and clear area for a minimum depth of 60-inches in the direction of the door swing as measured at right angles to the plan of the door in its closed position and 44-inches where the door swings away from the level and clear area.
    c. Identification Symbols: Provide on doorways leading to men's sanitary facilities, an equilateral triangle 1/4-inch thick with edges 12-inches long and a vertex pointing upward. Provide on women's sanitary facilities, a circle 1/4-inch thick and 12-inches in diameter. These symbols shall be centered on the door at a height of 60-inches and their color and contrast shall be distinctly different from the color and contrast of the door.
2. Multiple accommodation toilet facilities shall have the following: A clear space measured from the floor to a height of 27-inches above the floor of sufficient size to inscribe a circle with a diameter of 60-inches minimum, or a clear space 56-inches x 63-inches. Doors other than the door to the handicapped toilet compartment in any position may encroach into this space by not more than 12-inches. The water closet shall be located in a compartment which provides a 32-inch wide clear space if the compartment has a door located at the side. Compartment doors shall have an automatic closing device and shall provide a 32-inch clear unobstructed opening when located at the end or 34-inches when located at the side with the door at 90° from closed position. Except for door opening widths and door swings, a clear unobstructed access not less than 44-inches shall be provided to handicapped water closet compartments and the space in from of compartment shall be 48-inches measured at a right angle to closed compartment door.
3. Single accommodation toilet facilities shall have the following: There shall be sufficient space in the toilet room for a wheelchair measuring 30-inches wide by 48-inches long to enter the room and permit the door to close. The water closet shall be located in a space which provides a 32-inch wide clear space from a wall at one side and 48-inches of clear space in front of the water closet.
4. Grab bars located on each side, or one side of the back of the physically handicapped toilet stall or compartment shall be securely attached 33-inches above and parallel to the floor. Grab bars at the side shall be at least 42-inches long with the front end positioned 24-inches in front of the water closet stool and grab bars at the back shall be not less than 36-inches long.
5. The diameter or width of the gripping surfaces of a grab bar shall be 1-1/4-inch to 1-1/2-inch or the shape shall provide an equivalent gripping surface. If grab bars are mounted adjacent to a wall, the space between the wall and the grab bars shall be 1-1/2-inches.
6. A clear floor space 30-inches by 48-inches shall be provided in front of a lavatory to allow a forward approach. Such clear floor space shall adjoin or overlap an accessible route and shall extend into knee and toe space underneath the lavatory.
7. Where urinals are provided, at least one shall have a clear floor space 30-inches by 48-inches in front of the urinal to allow forward approach.

H. WATER CLOSETS (SEC. P-1502)

1. The height of accessible water closets shall be a minimum of 17-inches and a maximum of 19-inches measured to the top of the toilet seat. Flush controls shall be operable by an oscillating handle with a maximum operating force of 3 lb. or by a remote low voltage button. The handle or button shall be located so they are operable without requiring excessive body movement.

I. URINALS (SEC. P-1503)

1. Where urinals are provided at least one elongated rim at a maximum of 17-inches above the floor is required.
2. Flush controls shall be hand operated, and shall be mounted no more than 44-inches above the floor.

J. LAVATORIES (SEC. P-1504)

1. Lavatories shall be mounted with a clearance of at least 29-inches from the floor to the bottom of the apron with knee clearance under the front lip extending a minimum of 30-inches in width with 8-inches minimum depth at the top. Toe clearance shall be the same width and shall be a minimum of 17-inches deep from the front of the lavatory.
2. Hot water and drain pipes under lavatories shall be insulated or otherwise covered. There shall be no sharp or abrasive surfaces under lavatories.
3. Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 pounds. Lever-operated, push type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

APPROVED FIRE MARSHAL APR 7 1987 SAN DIEGO FIRE MARSHAL SUBJECT TO FIELD INSP. APPROVED FIRE AUTH. FAMIC ONLY

MIRACOSTA COLLEGE
SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

GENERAL NOTES

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

T1.2
DATE DEC. 1986

OFFICE OF THE STATE ARCHITECT STRUCTURAL SAFETY SECTION
A47446 APR 14 1987
APPROVED APPLICATION NO.

OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE SECTION
47446 MAR 02 '87
APPLICATION FEE W. Jud Boise
BY:

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

CHALKBOARD SCHEDULE

BUILDING	ROOM	WALL	SIZE (W x H)	MOUNTING HT.	TRIM	REMARKS
B	B-01	E	13'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
B	B-01	N	13'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
B	B-01	N	26'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
B	B-02	E	10'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
B	B-12	N	23'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
E	B-11	E	14'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-05	S	14'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
E	B-11	N	18'-0" x 5'-0"	8'-0"	ALUM.	Lined for Music Symbol Rotation
E	B-12	S	18'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
E	B-12	E	9'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
E	B-03	E	6'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-03	S	16'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-05	N	16'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-25	W	16'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-11	E	16'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-04	W	16'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-11	S	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-25	S	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
F	P-05	W	25'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3

TACKBOARD SCHEDULE

BUILDING	ROOM	WALL	SIZE (W x H)	MOUNTING HT.	TRIM	REMARKS
A	A-01	N & S	3'-0" X 5'-0"	8'-0"	BD. WD	SEE DETAIL 21/A9.3
E	B-01	W	3'-0" X 5'-0"	8'-0"	ALUM.	
C	C-01	S	6'-0" X 5'-0"*	8'-0"	HDWD.	SEE DETAIL 4/A9.3
F	P-05	N	2'-0" X 5'-0"	8'-0"	ALUM.	

* APPROX. SIZE (W x H) COORDINATE W/ COUNTER DOOR

MARKERBOARD SCHEDULE

BUILDING	ROOM	WALL	SIZE (W x H)	MOUNTING HT.	TRIM	REMARKS
D	D-06	S	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
	D-07	S	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
	D-08	N	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
	D-09	N	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
	D-10	N	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
	D-13	S	12'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
D	D-12	E	8'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3
D	D-12	S	19'-0" x 5'-0"	8'-0"	ALUM.	SEE DETAIL 23/A9.3

FINISH SCHEDULE - BUILDING F

RM. NO.	ROOM NAME	FLOOR	BASE	CEIL'G MAT'L	CEIL'G HT.	WALLS ALL (AND EXCEPTIONS)	REMARKS (*)
F01	LIBRARY STACKS / READING ROOM	CA-1	RU-1	AC-1	10'-6"*	GBX-1	1, 5
F02	CHECKOUT	CA-1	RU-1	AC-1	10'-6"*	GBX-1 (ISLAND: CW)	5
F03	LANGUAGE LAB	CA-1	RU-1	AC-1	10'-6"	GBX-1 (S: CB) (E: GW)	6
F04	ENGLISH LAB	CA-1	RU-1	AC-1	10'-6"	GBX-1 (N: CB) (W: CW)	
F05	MATH LAB	CA-2	RU-1	AC-1	10'-6"	GBX-1 (N,E,S,W: CB) (N: TB)	
F06	TELEPHONE EQUIPMENT	CO	RU-1	GBC	9'-0"	GBX-1 (W: PW)	
F07	EXIT CORRIDOR	CA-1	RU-1	GBX-1*	12'-0"	GBX-1	3
F08	CUSTODIAN	SV	RU-1	GBW-2	9'-0"	GBW-1	
F09	ELECTRICAL SERVICE	CO	NONE	GBX-1*	13'-0"	GBX-1	2, 3
F10	MECHANICAL	CO	NONE*	PL-2*	13'-0"	PL-2	2, 3
F11	CLASSROOM	CA-1	RU-1	AC-1	10'-6"	GBX-1 (E,S: CB)	
F12	AUDIO / VISUAL	SV	RU-1	AC-1	10'-6"	GBX-1 (E: CW)	
F13	LIBRARY SERVICE	CA-1	RU-1	AC-1	9'-0"	GBX-2	3, 7
F14	LIBRARY SERVICE	CA-1	RU-1	AC-1	9'-0"	GBX-2	3, 7
F15	LIBRARY SERVICE	CA-1	RU-1	AC-1	9'-0"	GBX-2	3, 7
F16	OFFICE SERVICE	CA-1	RU-1	AC-1	9'-0"	GBX-2	3, 7
F17	OFFICE SERVICE	CA-1	RU-1	AC-1	9'-0"	GBX-2 (W: CW)	3, 7
F18	EXIT CORRIDOR	CA-1	RU-1	AC-1*	10'-6"	GBX-2	3
F19	LIBRARY SERVICE	CA-1	RU-1	AC-1	10'-6"	GBX-1 (E,S: CW)	
F20	STAFF RESTROOM	SV	RU-1	GBW-2	9'-0"	GBW-1, CT-2*	4
F21	LIBRARIAN	CA-1	RU-1	AC-1	10'-6"	GBX-1	
F22	WOMEN'S RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1, CT-2*	4
F23	MEN'S RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1, CT-2*	4
F24	FACULTY OFFICES	CA-1	RU-1	AC-1	10'-6"	GBX-1	8
F25	LIBRARY SERVICE	CA-1	RU-1	AC-1	10'-6"	GBX-1 (S,W: CB)	

LEGEND

AC-1	ACOUSTIC TILE, 24" X 48"
AC-2	ACOUSTIC TILE, 24" X 48", WASHABLE
CA-1	CARPET
CA-2	CARPET, STATIC-CONTROL
CB	CHALKBOARD (SEE WALL ELEVATION)
CO	CONCRETE, SEALED
CT-1	CERAMIC TILE, MOSAIC
CT-2	CERAMIC WALL TILE
CT-3	CERAMIC TILE, COVE BASE
CW	CASEWORK (SEE WALL ELEVATION)
GBC	GYP. BD., 5/8" TYPE 'X', SUSPENDED
GBW-1	GYP. BD., WATER-RESISTANT, 5/8", 'X'
GBW-2	GYP. BD., WATER-RESISTANT, 5/8", 'X', SUSPENDED
GBX-1	GYP. BD., 5/8" TYPE 'X', PAINTED
PL-2	PLASTER, CEMENT
RU-1	RUBBER, 4" TOPSET
RU-2	RUBBER, SPECIAL 'L'
SV	SHEET VINYL
TB	TACKBOARD (SEE WALL ELEVATION)
WD	SPECIAL WOOD
XS	EXPOSED STRUCTURAL

REMARKS

1. CATHEDRAL CEILING - SEE BUILDING SECTION.
2. CONC. CURB @ ROOM PERIMETER WALLS. SEE STRUCTURAL DRAWINGS.
3. ATTACH CEILING MATERIAL TO UNDERSIDE OF STRUCTURE.
4. CERAMIC TILE WAINSCOT, 7'-0" HEIGHT - SEE WALL ELEVATIONS.
5. NOMINAL CEILING HEIGHT = 10'-6". SEE BLDG SECTION C / A7.4 FOR VARIATIONS.
6. SEE WALL ELEVATIONS.
7. 12" X 12" ACOUSTICAL PANELS CEMENTED TO GBX-2.
8. 7'-0" HIGH INTERIOR PARTITIONS - DETAIL B ON SHEET A7.1.

FINISH SCHEDULE - BUILDING H

RM. NO.	ROOM NAME	FLOOR	BASE	CEIL'G MAT'L	CEIL'G HT.	WALLS ALL (AND EXCEPTIONS)	REMARKS (*)
H01	SHOP AREA	CO	RU-1	XS	-	GBX-1	5
H02	ELECTRICAL SERVICE	CO	NONE	GBX-1*	13'-0"	GBX-1	3
H03	MECHANICAL	CO	NONE*	PL-2 *	13'-0"	PL-2	2, 3
H04	RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1, CT-2*	4
H05	OFFICE	SV	RU-1	AC-1	10'-6"	GBX-1	
H06	SHOP SERVICE	CO	NONE	GBX-1*	13'-0"	GBX-1	3

LEGEND

AC-1	ACOUSTIC TILE, 24" X 48"
AC-2	ACOUSTIC TILE, 24" X 48", WASHABLE
CA-1	CARPET
CA-2	CARPET, STATIC-CONTROL
CB	CHALKBOARD (SEE WALL ELEVATION)
CO	CONCRETE, SEALED
CT-1	CERAMIC TILE, MOSAIC
CT-2	CERAMIC WALL TILE
CT-3	CERAMIC TILE, COVE BASE
CW	CASEWORK (SEE WALL ELEVATION)
GBC	GYP. BD., 5/8" TYPE 'X', SUSPENDED
GBW-1	GYP. BD., WATER-RESISTANT, 5/8", 'X'
GBW-2	GYP. BD., WATER-RESISTANT, 5/8", 'X', SUSPENDED
GBX-1	GYP. BD., 5/8" TYPE 'X', PAINTED
GBX-2	GYP. BD., 5/8" TYPE 'X', UNPAINTED
PL-2	PLASTER, CEMENT
RU-1	RUBBER, 4" TOPSET
RU-2	RUBBER, SPECIAL 'L'
SV	SHEET VINYL
TB	TACKBOARD (SEE WALL ELEVATION)
WD	SPECIAL WOOD

REMARKS

2. CONC. CURB @ ROOM PERIMETER WALLS. SEE STRUCTURAL DRAWINGS.
3. ATTACH CEILING MATERIAL TO UNDERSIDE OF STRUCTURE.
4. CERAMIC TILE WAINSCOT, 7'-0" HEIGHT - SEE WALL ELEVATIONS.
5. PLYWOOD WALL FINISH AT WORKBENCH - SEE INTERIOR ELEVATION.

FINISH SCHEDULE - BUILDING D

RM. NO.	ROOM NAME	FLOOR	BASE	CEIL'G MAT'L	CEIL'G HT.	WALLS ALL (AND EXCEPTIONS)	REMARKS (*)
D01	OFFICE SERVICE	CA-2	RU-1	AC-1	10'-6"	GBX-1	
D02	RECEPTION	CA-1	RU-1	AC-1	10'-6"	GBX-1 (W: CW)	
D03	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
D04	CUSTODIAN	SV	RU-1	GBW-2	9'-0"	GBW-1 (E: CW)	
D05	MECHANICAL	CO	NONE*	PL-2	13'-0"	PL-2	2, 3
D06	WORD PROCESSING / CIS	CA-2	RU-1	AC-1	10'-6"	GBX-1 (S: MB & PS)	
D07	OFFICE SKILLS LAB	CA-2	RU-1	AC-1	10'-6"	GBX-1 (S: MB & PS)	
D08	SECRETARIAL SCIENCE LAB	CA-2	RU-1	AC-1	10'-6"	GBX-1 (N*: MB + PS, E,S,W: CW)	7
D09	WORD PROCESSING / CIS	CA-2	RU-1	AC-1	10'-6"	GBX-1 (N*: MB + PS) (E,S*: CW)	7 7 7
D10	WORD PROCESSING / CIS	CA-2	RU-1	AC-1	10'-6"	GBX-1 (N: MB & PS)	
D11	ACCOUNTING LAB	CA-2	RU-1	AC-1	10'-6"	GBX-1 (N: CW)	
D12	CLASSROOM	CA-1	RU-1	AC-1	10'-6"	GBX-1 (E,S: MB)	
D13	WORD PROCESSING / CIS	CA-2	RU-1	AC-1	10'-6"	GBX-1 (S: MB & PS)	

LEGEND

AC-1	ACOUSTIC TILE, 24" X 48"
AC-2	ACOUSTIC TILE, 24" X 48", WASHABLE
CA-1	CARPET
CA-2	CARPET, STATIC-CONTROL
CB	CHALKBOARD (SEE WALL ELEVATION)
CO	CONCRETE, SEALED
CT-1	CERAMIC TILE, MOSAIC
CT-2	CERAMIC WALL TILE
CT-3	CERAMIC TILE, COVE BASE
CW	CASEWORK (SEE WALL ELEVATION)
GBC	GYP. BD., 5/8" TYPE 'X', SUSPENDED
GBW-1	GYP. BD., WATER-RESISTANT, 5/8", 'X'
GBW-2	GYP. BD., WATER-RESISTANT, 5/8", 'X', SUSPENDED
GBX-1	GYP. BD., 5/8" TYPE 'X', PAINTED
MB	MARKER BOARD
PL-2	PLASTER, CEMENT
PS	PROJECTION SCREEN
RU-1	RUBBER, 4" TOPSET
RU-2	RUBBER, SPECIAL 'L'
SV	SHEET VINYL
TB	TACKBOARD (SEE WALL ELEVATION)
WD	SPECIAL WOOD

REMARKS

2. CONC. CURB @ ROOM PERIMETER WALLS. SEE STRUCTURAL DRAWINGS.
3. ATTACH CEILING MATERIAL TO UNDERSIDE OF STRUCTURE.
7. SEE WALL ELEVATIONS.

FINISH SCHEDULE - BUILDING E

RM. NO.	ROOM NAME	FLOOR	BASE	CEIL'G MAT'L	CEIL'G HT.	WALLS ALL (AND EXCEPTIONS)	REMARKS (*)
E01	PHYSICAL ED. LAB	WD	RU-2	AC-1, GBX-1	13'-10"	GBX-1 (W*: MIRROR ON GBX-2)	5, 6, 9
E02	PAINTING LAB	SV	RU-1	AC-1*	10'-6"	GBX-1, PW (N*: CW)	7,9,12
E03	DRAWING LAB	SV	RU-1	AC-1*	10'-6"	GBX-1 (S,W*: CW)	7, 12
E04	LOCKERS / KILNS	CO	CO*	PL-2	7'-3"	PL-2	7, 15
E05	DRAWING LAB SERVICE	SV	RU-1	AC-1	10'-6"	GBX-1 (N,S,W*: CW)	7
E06	PAINTING LAB SERVICE	SV	RU-1	AC-1	10'-6"	GBX-1 (S*: CW)	7
E07	CUSTODIAN	CO	RU-1	GBW-2	9'-0"	GBX-1* (S: CW)	7, 14
E08	MECHANICAL	CO	NONE*	PL-2*	12'-6"	PL-2	2, 3
E09	WOMEN'S RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1, CT-2*	4
E10	MEN'S RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1, CT-2*	4
E11	PIANO LAB	CA-1	RU-1	AC-1	10'-6"	GBX-1	
E12	CLASSROOM	CA-1	RU-1	AC-1	10'-6"	GBX-1	
E13	MUSIC LAB SERVICE	CA-1	RU-1	AC-1	10'-6"	GBX-1 (N,E,W: CW)	
E14	MUSIC LAB	CA-1	RU-1	AC-1*	13'-0"	GBX-1 (*)	10, 13

LEGEND

AC-1	ACOUSTIC TILE, 24" X 48"
AC-2	ACOUSTIC TILE, 24" X 48", WASHABLE
CA-1	CARPET
CA-2	CARPET, STATIC-CONTROL
CB	CHALKBOARD (SEE WALL ELEVATION)
CO	CONCRETE, SEALED
CT-1	CERAMIC TILE, MOSAIC
CT-2	CERAMIC WALL TILE
CT-3	CERAMIC TILE, COVE BASE
CW	CASEWORK (SEE WALL ELEVATION)
GBC	GYP. BD., 5/8" TYPE 'X', SUSPENDED
GBW-1	GYP. BD., WATER-RESISTANT, 5/8", 'X'
GBW-2	GYP. BD., WATER-RESISTANT, 5/8", 'X', SUSPENDED
GBX-1	GYP. BD., 5/8" TYPE 'X', PAINTED
PL-2	PLASTER, CEMENT
RU-1	RUBBER, 4" TOPSET
RU-2	RUBBER, SPECIAL 'L'
SV	SHEET VINYL
TB	TACKBOARD (SEE WALL ELEVATION)
WD	SPECIAL WOOD

REMARKS

1. CATHEDRAL CEILING - SEE BUILDING SECTION.
2. CONC. CURB @ ROOM PERIMETER WALLS. SEE STRUCTURAL DRAWINGS.
3. ATTACH CEILING MATERIAL TO UNDERSIDE OF STRUCTURE.
4. CERAMIC TILE WAINSCOT, 7'-0" HEIGHT - SEE WALL ELEVATIONS.
5. NOMINAL CEILING HEIGHT = 13'-10". SEE BLDG SECTION C / A6.4 FOR VARIATIONS.
6. FULL-OUT AUDITORIUM SEATING AT SOUTH WALL.
7. SEE WALL ELEVATIONS.
8. WALL MIRRORS WITH DANCE RAIL @ WEST WALL @ 42" HEIGHT. SEE DRAWING 26 / A9.3.
9. PLYWOOD TACKABLE SURFACE OVER GBX-2.
10. SUSPENDED PIPE FRAME CEILING GRID AT 12'-0" HEIGHT.
11. (NOT USED.)
12. SUSPENDED UNISTRUT GRID @ 8'-0" HEIGHT.
13. CURTAIN & CURTAIN TRACKS. CABLE TRAY @ 11'-0". NORTH & EAST WALLS ARE ANGLED. SEE FLOOR AND CEILING PLANS, AND DETAILS.
14. GBW-1 AT MOP SINK AND 24" BEYOND EACH WAY.
15. CONCRETE BASE UNDER LOCKERS - SEE DRAWING 25 ON SHEET A9.2.

FINISH SCHEDULE - BUILDING A

RM. NO.	ROOM NAME	FLOOR	BASE	CEIL'G MAT'L	CEIL'G HT.	WALLS ALL (AND EXCEPTIONS)	REMARKS (*)
A01	PUBLIC AREA	CA-1	RU-1	AC-1	VARIES*	GBX-1 (CW-ISLAND)	1
A02	ADMISSIONS / RECEPTION	CA-1	RU-1	AC-1	10'-6"	GBX-1	
A03	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
A04	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
A05	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
A06	MECHANICAL	CO	NONE*	PL-2	11'-6"	PL-2	2, 3
A07	HEALTH SERVICE	CA-1	RU-1	GBC	9'-0"	GBX-1	
A08	RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1 (N,E,S,W: CT-2*)	4
A09	OFFICE SERVICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
A10	OFFICE SERVICE	CA-1	RU-1	AC-1	10'-6"	GBX-1 (N,E,S: CW)	
A11	OFFICE SERVICE	CA-1	RU-1	AC-1	10'-6"	GBX-1 (S,W: CW)	
A12	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
A13	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
A14	CONFERENCE	CA-1	RU-1	AC-1	10'-6"	GBX-1 (E: CW)	

LEGEND

AC-1	ACOUSTIC TILE, 24" X 48"
AC-2	ACOUSTIC TILE, 24" X 48", WASHABLE
CA-1	CARPET
CA-2	CARPET, STATIC-CONTROL
CB	CHALKBOARD (SEE WALL ELEVATION)
CO	CONCRETE, SEALED
CT-1	CERAMIC TILE, MOSAIC
CT-2	CERAMIC WALL TILE
CT-3	CERAMIC TILE, COVE BASE
CW	CASEWORK (SEE WALL ELEVATION)
GBC	GYP. BD., 5/8" TYPE 'X', SUSPENDED
GBW-1	GYP. BD., WATER-RESISTANT, 5/8", 'X'
GBW-2	GYP. BD., WATER-RESISTANT, 5/8", 'X', SUSPENDED
GBX-1	GYP. BD., 5/8" TYPE 'X', PAINTED
PL-2	PLASTER, CEMENT
RU-1	RUBBER, 4" TOPSET
RU-2	RUBBER, SPECIAL 'L'
SV	SHEET VINYL
TB	TACKBOARD (SEE WALL ELEVATION)
WD	SPECIAL WOOD

REMARKS

1. CATHEDRAL CEILING - SEE BUILDING SECTION.
2. CONC. CURB @ ROOM PERIMETER WALLS. SEE STRUCTURAL DRAWINGS.
3. ATTACH CEILING MATERIAL TO UNDERSIDE OF STRUCTURE.
4. CERAMIC TILE WAINSCOT, 7'-0" HEIGHT - SEE WALL ELEVATIONS.

FINISH SCHEDULE - BUILDING B

RM. NO.	ROOM NAME	FLOOR	BASE	CEIL'G MAT'L	CEIL'G HT.	WALLS ALL (AND EXCEPTIONS)	REMARKS (*)
B01	CLASSROOM	CA-1	RU-1	AC-1	10'-6"	GBX-1 (N,E: CB)	
B02	BIOLOGY LAB	SV	RU-1	AC-1	10'-6"	GBX-1 (N,W,S: CW) (E: CB)	
B03	ENTRY	SV	RU-1	GBX-1	10'-6"	GBX-1	
B04	ENTRY	SV	RU-1	GBX-1	10'-6"	GBX-1	
B05	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
B06	OFFICE	CA-1	RU-1	AC-1	10'-6"	GBX-1	
B07	BIO/CHEM LAB SERVICE	SV	RU-1	AC-1	10'-6"	GBX-1 (N,E,S,W,& ISLANDS: CW)	
B08	MECHANICAL	CO	NONE*	PL-2	11'-0"	PL-2*	2, 3
B09	DELUGE SHOWER	CT-1	CT-3	GBW-2	8'-0"	GBW-1 (N,S,W: CT-2*)	4
B10	ENTRY	SV	RU-1	GBX-1	10'-6"	GBX-1	
B11	ENTRY	SV	RU-1	GBX-1	10'-6"	GBX-1	
B12	CHEMISTRY LAB	SV	RU-1	AC-1	10'-6"	GBX-1 (E,S,& ISLAND: CW)	
B13	CLASSROOM	CA-1	RU-1	AC-1	10'-6"	GBX-1 (N,E,W: CB)	

LEGEND

AC-1	ACOUSTIC TILE, 24" X 48"
AC-2	ACOUSTIC TILE, 24" X 48", WASHABLE
CA-1	CARPET
CA-2	CARPET, STATIC-CONTROL
CB	CHALKBOARD (SEE WALL ELEVATION)
CO	CONCRETE, SEALED
CT-1	CERAMIC TILE, MOSAIC
CT-2	CERAMIC WALL TILE
CT-3	CERAMIC TILE, COVE BASE
CW	CASEWORK (SEE WALL ELEVATION)
GBC	GYP. BD., 5/8" TYPE 'X', SUSPENDED
GBW-1	GYP. BD., WATER-RESISTANT, 5/8", 'X'
GBW-2	GYP. BD., WATER-RESISTANT, 5/8", 'X', SUSPENDED
GBX-1	GYP. BD., 5/8" TYPE 'X', PAINTED
PL-2	PLASTER, CEMENT
RU-1	RUBBER, 4" TOPSET
RU-2	RUBBER, SPECIAL 'L'
SV	SHEET VINYL
TB	TACKBOARD (SEE WALL ELEVATION)
WD	SPECIAL WOOD

REMARKS

2. CONC. CURB @ ROOM PERIMETER WALLS. SEE STRUCTURAL DRAWINGS.
3. ATTACH CEILING MATERIAL TO UNDERSIDE OF STRUCTURE.
4. CERAMIC TILE WAINSCOT, 8'-0" HEIGHT - SEE DETAIL 27 / A9.4.

FINISH SCHEDULE - BUILDING C

RM. NO.	ROOM NAME	FLOOR	BASE	CEIL'G MAT'L	CEIL'G HT.	WALLS ALL (AND EXCEPTIONS)	REMARKS (*)
C01	FOOD SERVICE	SV	RU-1	AC-2	10'-6"	GBX-1 (E: CW)	
C02	FOOD SERVICE PREP.	SV	RU-1	AC-2	10'-6"	GBX-1 (N,S: CW)	
C03	FOOD SERVICE PREP.	SV	RU-1	GBX-1	10'-6"	GBX-1	
C04	CUSTODIAN	SV	RU-1	GBW-2	9'-0"	GBW-1	
C05	MECHANICAL	CO	NONE*	PL-2*	12'-0"	PL-2	2, 3
C06	MEN'S RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1, CT-2*	4
C07	WOMEN'S RESTROOM	CT-1	CT-3	GBW-2	9'-0"	GBW-1, CT-2*	4
C08	ELECTRICAL SERVICE	CO	NONE*	GBX-1*	13'-0"	GBX-1	2, 3

LEGEND

AC-1	ACOUSTIC TILE, 24" X 48"
AC-2	ACOUSTIC TILE, 24" X 48", WASHABLE
CA-1	CARPET
CA-2	CARPET, STATIC-CONTROL
CB	CHALKBOARD (SEE WALL ELEVATION)
CO	CONCRETE, SEALED
CT-1	CERAMIC TILE, MOSAIC
CT-2	CERAMIC WALL TILE
CT-3	CERAMIC TILE, COVE BASE
CW	CASEWORK (SEE WALL ELEVATION)
GBC	GYP. BD., 5/8" TYPE 'X', SUSPENDED
GBW-1	GYP. BD., WATER-RESISTANT, 5/8", 'X'
GBW-2	GYP. BD., WATER-RESISTANT, 5/8", 'X', SUSPENDED
GBX-1	GYP. BD., 5/8" TYPE 'X', PAINTED
PL-2	PLASTER, CEMENT
RU-1	RUBBER, 4" TOPSET
RU-2	RUBBER, SPECIAL 'L'
SV	SHEET VINYL
TB	TACKBOARD (SEE WALL ELEVATION)
WD	SPECIAL WOOD

REMARKS

2. CONC. CURB @ ROOM PERIMETER WALLS. SEE STRUCTURAL DRAWINGS.
3. ATTACH CEILING MATERIAL DIRECTLY TO UNDERSIDE OF STRUCTURE.
4. CERAMIC TILE WAINSCOT, 7'-0" HEIGHT - SEE WALL ELEVATIONS.

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY
APPROVED
A47446 APR 14 1987
E. Pinkeldam

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
47446 MAR 02 '87
APPLICATION FOR M. JUS Dates Rec'd

MIRACOSTA COLLEGE
SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

C-35527
REGISTRATION

INTERIOR FINISH SCHEDULE; CHALK-, TACK-, & MARKER-BOARD SCHEDULES

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

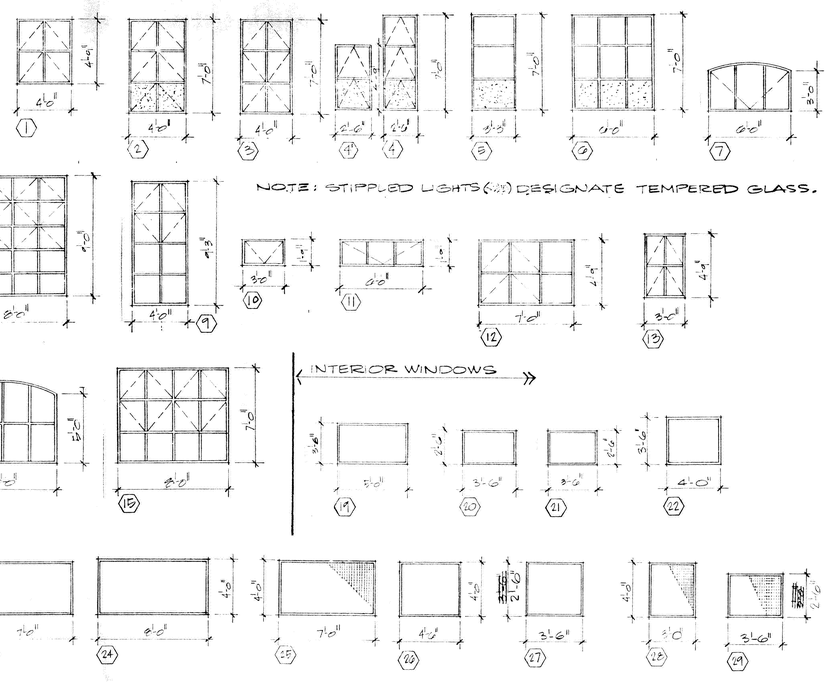
A1.1
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

98709

WINDOW SCHEDULE - ALL BUILDINGS

(W-SKD-LG.366)				DETAILS					
WDW: SIZE MK : (W X H)	:TYPE/ :OPERATION	:FRAME : GLAZING :TYPE : TYPE THK.	: HEAD HT.	HEAD : JAMB	: SILL HT.	SILL : GLASS AREA	REMARKS NOTE: ALL WIRE GLASS SHALL BE APPROVED. (CC)
1 : 4'-0" x 4'-9"	AWNING	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	2 : A9.2	3 : A9.2	3'-3" : 19.0 SF	
2 : 4'-0" x 7'-0"	AWNING	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	17 : A9.4	11'-0" : 28.0 SF	SILL @ BLDG. "C" DIFF.
3 : 4'-0" x 7'-0"	AWNING	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	5 : A9.2	3'-0" : 28.0 SF	
4 : 2'-6" x 7'-0"	AWNING	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	4 : 5 : A9.2	1'-0" : 17.5 SF	
5 : 3'-3" x 7'-0"	FIXED/DIV.LT	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	4 : 17 : A9.2	11'-0" : 9.75 SF	
6 : 6'-0" x 7'-0"	FIXED/DIV.LT	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	12 : A9.2	1'-0" : 42.0 SF	
7 : 6'-0" x 3'-0"	AWNING/TRANS.	STEEL : SINGLE 3/16"	12 : A9.2	1 : A9.2	12 : A9.2	9'-0" : 18.0 SF	ARCHED TOP
8 : 8'-0" x 9'-0"	AWNING/FIXED	STEEL : SINGLE 3/16"	3 : A9.2	4 : A9.2	3 : A9.2	2'-0" : 72.0 SF	
9 : 4'-0" x 9'-3"	AWNING/FIXED	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	17 : A9.4	11'-0" : 37.0 SF	
10 : 3'-0" x 1'-9"	AWNING/TRANS.	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	2 : 12 : A9.2	9'-3" : 5.25 SF	
11 : 6'-0" x 1'-9"	AWNING/TRANS.	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	2 : 12 : A9.2	9'-3" : 10.5 SF	
12 : 7'-0" x 4'-9"	AWNING/FIXED	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	5 : A9.2	3'-3" : 33.25 SF	
13 : 3'-0" x 4'-9"	AWNING	STEEL : SINGLE 3/16"	3 : A9.2	1 : A9.2	2 : 5 : A9.2	3'-3" : 14.25 SF	
14 : 8'-0" x 5'-0"	FIXED	STEEL : SINGLE 3/16"	7 : A9.2	1 : A9.2	16 : A9.4	11'-0" : 40.0 SF	ARCHED TOP
15 : 8'-0" x 7'-0"	AWNING/FIXED	STEEL : SINGLE 3/16"	16 : A9.2	1 : A9.2	5 : A9.2	2'-0" : 56.0 SF	
16 : 4'-0" x 4'-0"	SKYLIGHT	ALUM. : CLEAR --	: 21 : A9.1	:	:	: 12.0 SF	DOUBLE DOME
17 : 2'-0" x 2'-0"	SKYLIGHT	ALUM. : CLEAR --	: 21 : A9.1	:	:	: 6.0 SF	DOUBLE DOME
18 : 2'-0" x 6'-0"	SKYLIGHT	ALUM. : CLEAR 1/4"	: 21 : A9.1	20 : A9.1	:	: 18.0 SF	OBSCURE WIRE GLASS @ F07 ONLY. DBL DOME @ REMAINING LOCATIONS.
19 : 5'-0" x 3'-6"	FIXED	H.M. : SINGLE 3/16"	8 : A9.2	19 : A9.2	6 : A9.2	3'-8" : --	
20 : 5'-6" x 2'-6"	FIXED	H.M. : SINGLE 3/16"	7 SIM : A9.2	10 : A9.2	7 : A9.2	3'-6" : --	
21 : 3'-6" x 2'-0"	FIXED	H.M. : SINGLE 1/4"	8 : A9.2	9 : A9.2	19 : 6 : A9.2	3'-6" : --	WIRE GLASS
22 : 4'-0" x 3'-6"	FIXED	H.M. : SINGLE 3/16"	8 : A9.2	6 : A9.2	6 : A9.2	3'-8" : --	
23 : 7'-0" x 4'-0"	FIXED	H.M. : SINGLE 3/16"	8 : A9.2	6 : A9.2	6 : A9.2	3'-2" : --	
24 : 11'-0" x 4'-0"	FIXED	H.M. : SINGLE 3/16"	11 : A9.2	11 : A9.2	11 : A9.2	3'-2" : --	
25 : 7'-0" x 4'-0"	FIXED	H.M. : SINGLE 1/4"	11 : A9.2	11 : A9.2	11 : A9.2	3'-2" : --	1/4" WIRE GLASS
26 : 4'-6" x 4'-0"	FIXED	H.M. : SINGLE 3/16"	8 : A9.2	6 SIM : A9.2	6 : A9.2	3'-2" : --	
27 : 3'-6" x 3'-6"	FIXED	H.M. : CLEAR 3/16"	8 : A9.2	6 SIM : A9.4	6 : A9.2	7'-0" : --	1/4" WIRE GLASS @ F07.
28 : 3'-0" x 4'-0"	FIXED	H.M. : CLEAR 1/4"	8 : A9.2	21 : A9.5	6 : A9.2	3'-2" : --	WIRE GLASS @ ROOMS F16 & F17 ONLY
29 : 3'-6" x 3'-0"	FIXED	H.M. : CLEAR 1/4"	8 : A9.2	25 : A9.4	6 : A9.2	4'-2" : --	



DOOR SCHEDULE - BUILDING A

DOOR MARK	SIZE (W X H X D)	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	DETAILS (SHEET A9.2) JAMB-L	JAMB-R	HEAD	SILL	HDWE ITEM	FIRE ASSY	LOUVER MATL & SIZE	REMARKS
A01-1	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	17	17	13	26	1			
A01-2	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	17	17	13	26	1			
A02-1	3-0 X 7-0 X 1 3/4 (PAIR)	A	HM	II	HM	14b	14c	15		17			
A03-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14	19	15		2			
A04-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	20	19	15		2			
A05-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	19	20	15		2			
A06-1	3-0 X 8-0 X 1 3/4	C	HM	II	HM	18c	18a	13a		3			AL 24"x 18"-See Extr.Elev.
A07-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	14	15		2			
A08-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14	21a	15		4			
A10-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	15	21	15		5			
A11-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	21	15		5			
A12-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	20	21	15		2			
A12-2	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	2	15		6			
A13-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	20	15		2			
A14-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	7			
A14-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	14	15		8			

DOOR SCHEDULE - BUILDING B

DOOR MARK	SIZE (W X H X D)	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	DETAILS (SHEET A9.2) JAMB & JAMB-L	JAMB-R	HEAD	SILL	HDWE ITEM	FIRE ASSY	LOUVER MATL & SIZE	REMARKS
B01-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			
B02-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	9	15		38	60 MIN		
B02-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	9	21	15		38	60 MIN		
B03-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	17	4	13	26	9			
B04-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	4	17	13	26	9			
B05-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14	21	15		11	20 MIN		
B06-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14	21	15		11	20 MIN		
B07-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	19	14	15		10	20 MIN		
B07-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14	19	15		10	20 MIN		
B07-3	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14	19	15		10	20 MIN		
B07-4	3-0 X 7-0 X 1 3/4	E	HM	I	HM	19	14	15		10	20 MIN		
B08-1	3-0 X 8-0 X 1 3/4	C	HM	I	HM	18b	18b	13a	26	3	45 MIN	AL 24"x 18"	SEE F/A5.2
B10-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	17	4	13	26	9			
B11-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	4	17	13	26	9			
B12-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	9	15		38	60 MIN		
B12-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	9	21	15		38	60 MIN		
B13-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			

DOOR SCHEDULE - BUILDING C

DOOR MARK	SIZE (W X H X D)	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	DETAILS (SHEET A9.2) JAMB-L	JAMB-R	HEAD	SILL	HDWE ITEM	FIRE ASSY	LOUVER MATL & SIZE	REMARKS
C01-1	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	4	18	13	26	1			
C01-2	10-0 X 9-0	F	AL	I	HM	16	16	22/A9.5		14			
C01-3	10-0 X 9-0	F	AL	I	HM	16	16	22/A9.5		14			
C01-4	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	17	17	13	26	1			
C01-5	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	17	17	13	26	1			
C02-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	14	15		15			
C02-2	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14	21	15		15			
C02-3	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	17	17	13	26	16			
C02-4	3-0 Y 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	4	17	13	26	16			
C03-1	3-0 X 7-0 X 1 3/4 (PAIR)	A	HM	II	HM	18a	20a	15		17			
C03-2	2-8 X 7-0 X 1 3/4 (PAIR)	G	HM	II	HM	20a	20a	15		18			
C03-3	2-8 X 7-0 X 1 3/4 (PAIR)	G	HM	II	HM	20a	20a	15		18			
C03-4	3-0 X 7-0 X 1 3/4 (PAIR)	A	HM	II	HM	20a	18a	15		17			
C04-1	3-0 X 7-0 X 1 3/4	C	HM	I	HM	21	21	15		5			
C05-1	3-0 X 8-0 X 1 3/4	C	HM	I	HM	18c	18c	13a		3			AL 24"x 18"-See Extr. Elev.
C06-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14d	14d	15		19			
C07-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14d	14d	15		19			
C08-1	3-6 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	18c	18c	13		20			

DOOR SCHEDULE - BUILDING D

DOOR MARK	SIZE (W X H X D)	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	DETAILS (SHEET A9.2) JAMB & JAMB-L	JAMB-R	HEAD	SILL	HDWE ITEM	FIRE ASSY	LOUVER MATL & SIZE	REMARKS
D01-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18	19a	15	26	21			
D01-2	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18	18e	13	26	21			
D03-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	14a	15		2			
D04-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14b	21	15		5			
D05-1	3-0 X 8-0 X 1 3/4	C	HM	I	HM	18c	18c	13a	26	3	45 MIN	AL 24" X 30"	SEE D/A5.3
D06-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			
D06-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	20	15		22			
D07-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			
D07-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	20b	15		24			
D07-3	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	21	15		24			
D09-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			
D08-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	20b	21	15		24			
D09-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			
D09-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	20	21	15		22			
D10-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			
D10-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	14c	15		23			
D11-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	9			
D12-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18	18b	13	26	9			
D13-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18	18c	13	26	9			
D13-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	19	21	15		23			
D13-3	27-2 X 10-6	H	FP	-	-	22	22	23		-			HDWE BY MFGR

DOOR SCHEDULE LEGEND

DOOR TYPES:
SEE DOOR ELEVATIONS THIS SHEET.

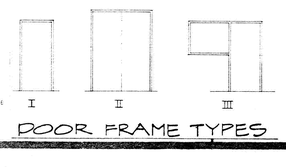
DOOR MATERIALS:
HM HOLLOW METAL (SPEC 08110).
AL ALUMINUM OVERHEAD SECTIONAL DOOR (SPEC 08360).
WD WOOD HOLLOW CORE (SPEC 08200).
FP ACCORDION FOLDING PARTITION (SPEC 10655).

FRAME TYPES:
SEE FRAME ELEVATIONS THIS SHEET.

DETAILS (JAMBS, HEAD & SILL):
ALL NUMBERS REFER TO DETAIL DRAWINGS ON SHEET A9.2 UNLESS ANOTHER SHEET REFERANCE IS GIVEN.

HDWE ITEM:
REFER TO FINISH HARDWARE SPEC 08710, SUBSECTION 2.2 HARDWARE TYPES. HDWE ITEM 1 = HARDWARE TYPE HW-1.

FIRE ASST:
FIRE RATING FOR DOOR, FRAME & HARDWARE.



DOOR SCHEDULE - BUILDING E

DOOR MARK	SIZE (W X H X D)	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	DETAILS (SHEET A9.2) JAMB-L	JAMB-R	HEAD	SILL	HDWE ITEM	FIRE ASSY	LOUVER MATL & SIZE	REMARKS
E01-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	18	12	25	9			
E01-2	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	I	HM	17	17	12	25	1			
E01-3	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	18	13	25	9			
E01-4	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	18	13	25	9			
E01-5	16-0 X 9-6	F	AL	I	HM	16	16	22/A9.5	29	14			
E02-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	20c	18b	13	26	25			
E02-2	3-0 X 7-0 X 1 3/4 (PAIR)	E	HM	II	HM	21	21	15		26			
E02-3	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18	18b	13	26	9			
E02-4	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	17	20d	13	26	16			
E02-5	3-0 X 8-0 X 1 3/4 (PAIR)	D	HM	II	HM	20d	17	13	26	16			
E03-1	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	18b	18b	13	26	16			
E03-2	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18	18b	13	26	9			
E03-3	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	17	20d	13	26	16			
E03-4	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	20d	17	13		16			
E03-5	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	18	13		9			
E05-1	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	18b	18b	13	26	16			
E05-2	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	21	15		11			
E06-1	3-0 X 7-0 X 1 3/4 (PAIR)	A	HM	II	HM	21	21	15		27			
E07-1	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	18b	20c	13	26	16			
E08-1	3-0 X 8-0 X 1 3/4	C	HM	I	HM	18d	18b	13a	26	3		AL 24" X 30"	SEE H/A6.4
E09-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	17	18b	13	26	19			
E10-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	17	13	26	19			
E11-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	18	13	26	9			
E12-1	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	18	18b	13	26	28			
E13-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	18	13	26	29			
E14-1	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	17	17	13	26	28			
E14-2	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18	18b	13	26	9			

DOOR SCHEDULE - BUILDING F

DOOR MARK	SIZE (W X H X D)	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	DETAILS (SHEET A9.2) JAMB-L	JAMB-R	HEAD	SILL	HDWE ITEM	FIRE ASSY	LOUVER MATL & SIZE	REMARKS
F01-1	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	18	18b	12	26	1			
F01-2	3-0 X 8-0 X 1 3/4 (PAIR)	B	HM	II	HM	18b	18	12	26	1			
F01-3	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18	18b	13	26	33			
F01-4	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	21			
F03-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	4	4	12	26	9			
F03-2	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	14	15		22			
F04-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	21	15		24			
F04-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	21	15	30	12	20 MIN		
F05-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14	21	15		24	20 MIN		
F05-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	14	15	30	12	20 MIN		
F06-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	18b	18	13	26	3			
F07-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18	18b	13	26	21			
F07-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	14	15	30	30	20 MIN		
F08-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	21	15	30	31	20 MIN		
F09-1	3-6 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	18b	18b	13		20			
F10-1	3-0 X 8-0 X 1 3/4	C	HM	I	HM	18d	18c	13a	26	3		AL 24"x 30"	SEE J/A7.4
F11-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14	21	15		12	20 MIN		
F12-1	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	17	17	13	26	16			
F12-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	21	21	15	30	12	20 MIN		
F13-1	3-0 X 8-0 X 1 3/4	A	HM	II	HM	18b	18	13	26	9			
F13-2	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14c	19	15		22			
F14-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	19	20	15		22			
F15-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	20	19	15		22			
F16-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	21	15		9			
F17-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	19	15		22			
F18-1	3-0 X 8-0 X 1 3/4	B	HM	I	HM	18b	18	13	26	21			
F18-2	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14a	21	15	30	30	20 MIN		
F19-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14	21	15	30	32	20 MIN		
F20-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14c	21	15		4			
F21-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	14c	21	15	30	2	20 MIN		
F22-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21b	21	15		19			
F23-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21b	21	15		19			
F24-1	3-0 + 2-0 (S-D) X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	17	17	15	26	32			
F24-2	3-0 X 6-8 X 1 3/4	A	WD	I	HM	9 / A9.6	9 SIM / A9.6	11 / A9.6		2			
F24-3	3-0 X 6-8 X 1 3/4	A	WD	I	HM	9 / A9.6	9 SIM / A9.6	11 / A9.6		2			
F24-4	3-0 X 6-8 X 1 3/4	A	WD	I	HM	9 / A9.6	9 SIM / A9.6	11 / A9.6		2			
F24-5	3-0 X 6-3 X 1 3/4	A	WD	I	HM	9 / A9.6	9 SIM / A9.6	11 / A9.6		2			
F24-6	3-0 X 6-8 X 1 3/4	A	WD	I	HM	9 SIM / A9.6	10 / A9.6	11 / A9.6		2			
F24-7	3-0 X 6-8 X 1 3/4	A	WD	I	HM	10 / A9.6	9 SIM / A9.6	11 / A9.6		2			
F25-1	3-0 X 7-0 X 1 3/4	E	HM	I	HM	14c	21	15	30	8			

DOOR SCHEDULE - BUILDING M

DOOR MARK	SIZE (W X H X D)	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	DETAILS (SHEET A9.2) JAMB-L	JAMB-R	HEAD	SILL	HDWE ITEM	FIRE ASSY	LOUVER MATL & SIZE	REMARKS
M01-1	3-0 X 8-0 X 1 3/4	A	HM	I	HM	17	4	13	26	7			
M01-2	12-0 X 9-0	F	AL	I	HM	16	16	22/A9.5		14			
M02-1	3-6 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	18c	18c	13		20			
M03-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	20	15		34			
M04-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	20	21	15		4			
M05-1	3-0 X 7-0 X 1 3/4	A	HM	I	HM	19	14c	15		34			
M06-1	3-0 X 8-0 X 1 3/4 (PAIR)	A	HM	II	HM	17	17	13		35			
M06-2	3-0 X 7-0 X 1 3/4	A	HM	I	HM	21	14c	15		34			

APPROVED FOR CONSTRUCTION
SUBJECT TO ATTACHED CONDITIONS
DATE 4/24/87
CITY OF SAN DIEGO
DEVELOPMENT SERVICES

MIRACOSTA COLLEGE
SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-13821
REGISTRATION

DOOR & WINDOW SCHEDULES

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

A1.2

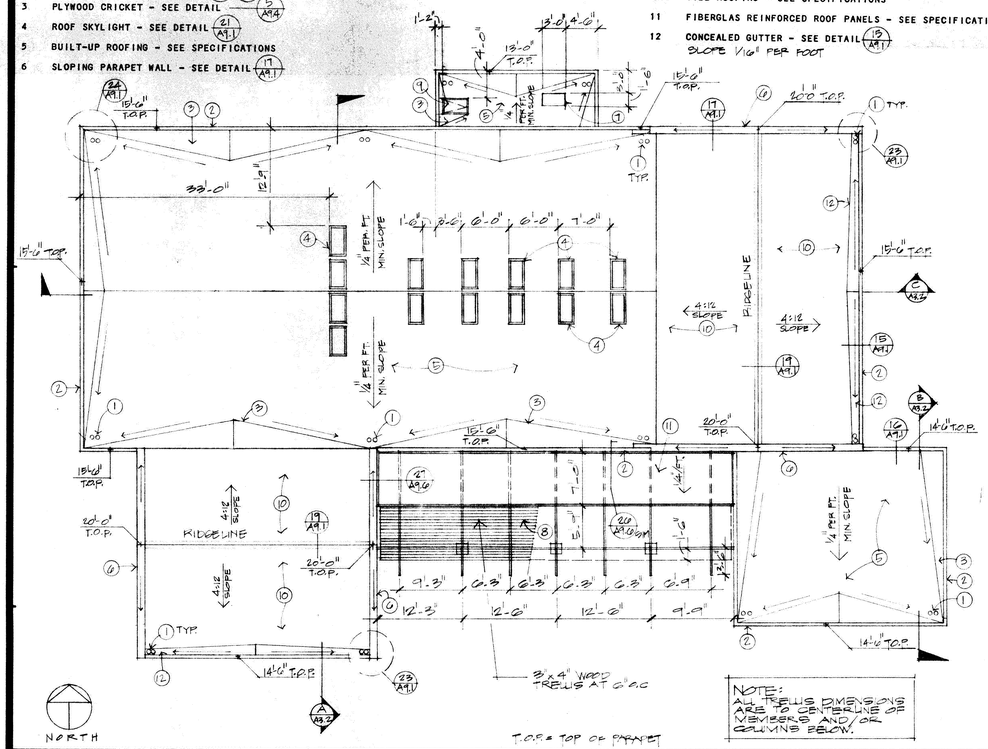
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

96709

ROOF PLAN NOTES — BUILDING "B"

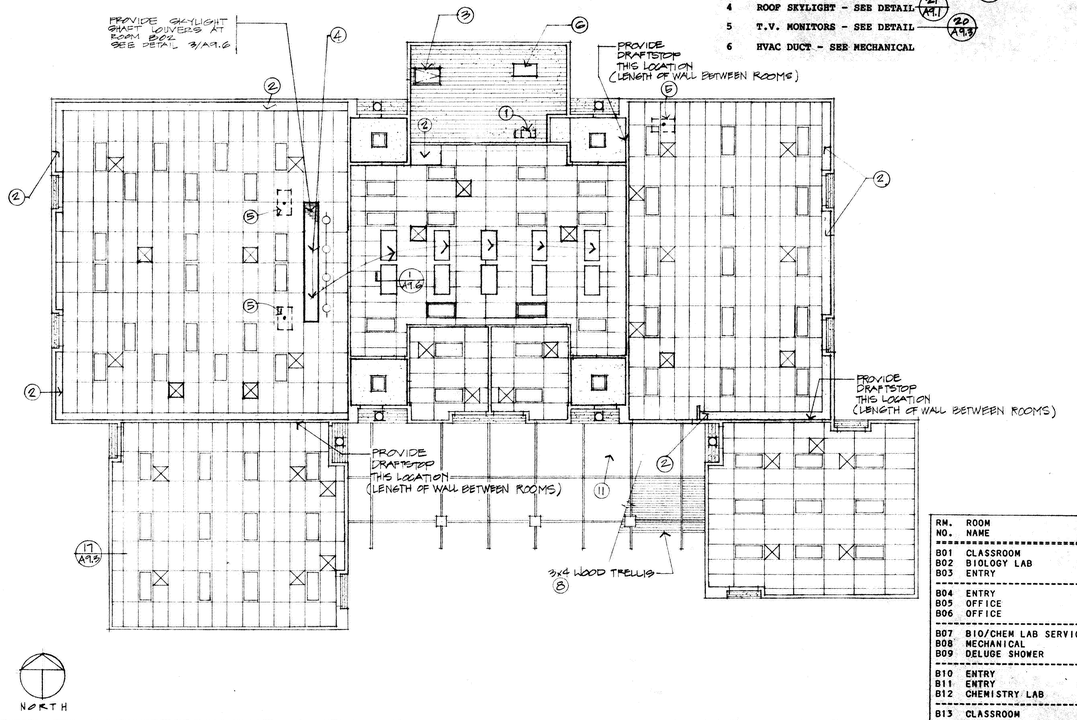
1 ROOF DRAIN AND OVERFLOW - SEE DETAIL (29/A9.1) (24/A9.1)
2 PARAPET WALL - SEE DETAIL (15/A9.1) (16/A9.1)
3 PLYWOOD CRICKET - SEE DETAIL (5/A9.1)
4 ROOF SKYLIGHT - SEE DETAIL (21/A9.1)
5 BUILT-UP ROOFING - SEE SPECIFICATIONS
6 SLOPING PARAPET WALL - SEE DETAIL (17/A9.1)
7 MECHANICAL DUCTS THROUGH ROOF - SEE DETAIL (6/A9.1)
8 WOOD TRELLIS - SEE STRUCTURAL
9 MAINTENANCE ROOF HATCH - SEE DETAIL (22/A9.1)
10 TILE ROOFING - SEE SPECIFICATIONS
11 FIBERGLAS REINFORCED ROOF PANELS - SEE SPECIFICATIONS
12 CONCEALED GUTTER - SEE DETAIL (15/A9.1) SLOPE 1/16" PER FOOT



A A3.1 ROOF PLAN 1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES — BUILDING "B"

1 CEILING HUNG EXPANSION TANK - SEE MECHANICAL (14/A9.1) (25/A9.1)
2 SOFFITS OVER CABINETS
3 MAINTENANCE ROOF HATCH - SEE DETAIL (22/A9.1)
4 ROOF SKYLIGHT - SEE DETAIL (21/A9.1)
5 T.V. MONITORS - SEE DETAIL (20/A9.1)
6 HVAC DUCT - SEE MECHANICAL



B A3.1 REFLECTED CEILING PLAN 1/8" = 1'-0"

RM. NO.	ROOM NAME
B01	CLASSROOM
B02	BIOLOGY LAB
B03	ENTRY
B04	ENTRY
B05	OFFICE
B06	OFFICE
B07	BIO/CHEM LAB SERVICE
B08	MECHANICAL
B09	DELUGE SHOWER
B10	ENTRY
B11	ENTRY
B12	CHEMISTRY LAB
B13	CLASSROOM

FLOOR PLAN NOTES — BUILDING "B"

1 RAIN WATER LEADERS IN WALL - SEE DETAIL (9/A9.1)
2 T.V. MONITORS - SEE DETAIL (20/A9.1)
3 WALL MOUNTED CHALKBOARD - SEE DETAIL (23/A9.1)
4 ROOF SKYLIGHT - SEE DETAIL (21/A9.1)
5 OVEN
6 REFRIGERATOR
7 SINK - SEE PLUMBING
8 COOLING TOWER - SEE MECHANICAL
9 PUMPS - SEE PLUMBING
10 WATER STORAGE TANK - SEE PLUMBING
11 HOT WATER BOILER - SEE PLUMBING
12 FIRE SPRINKLER RISER - SEE PLUMBING
13 GAS SERVICE RISER - SEE PLUMBING
14 WATER SERVICE RISER - SEE PLUMBING
15 CHEMICAL POT FEEDER - SEE PLUMBING
16 ELECTRICAL TRANSFORMER - SEE ELECTRICAL
17 BUILT-IN CABINET
18 DELUGE SHOWER - SEE PLUMBING
19 FUME HOOD - SEE MECHANICAL - SEE ALT. NO. 14.
20 MAINTENANCE ROOF HATCH AND LADDER - SEE DETAIL (22/A9.1)
21 HVAC WALL LOUVER - SEE DETAIL (13/A9.1) (14/A9.1)
22 EYE WASH - SEE PLUMBING
23 FLOOR TRENCH - SEE PLUMBING
24 TYPICAL LABORATORY SERVICE ISLAND - SEE DETAIL D/A3.3
25 CABINET - SEE DETAIL F/A3.3
26 MICROSCOPE CABINETS - N.I.C.
27 FLOOR SINK - SEE PLUMBING
28 AIR COMPRESSOR - SEE ELECTRICAL
29 AIR DRYER
30 PORTABLE SCIENCE STATION FOR PHYSICALLY HANDICAPPED 61"H x 91"D x 32"H. - N.I.C.

WALL FRAMING LEGEND

SEE STRUCTURAL DRAWINGS FOR FRAMING DETAILS.
SEE SPECS FOR INSULATION TYPES.

- 2 X 4 WOOD STUDS AT 16" O.C. WITH INSULATION
- 2 X 6 WOOD STUDS AT 16" O.C. WITH INSULATION
- 2 X 4 DEMOUNTABLE WOOD STUDS AT 16" O.C. WITH INSULATION
- 2 X 4 WOOD STUDS AT 16" O.C. WITH SOUND INSULATION
- 2 X 4 WOOD STUDS AT 32" O.C. WITH INSULATION
- 2 X 8 WOOD STUDS AT 16" O.C. WITH INSULATION

WALL-LEG.418

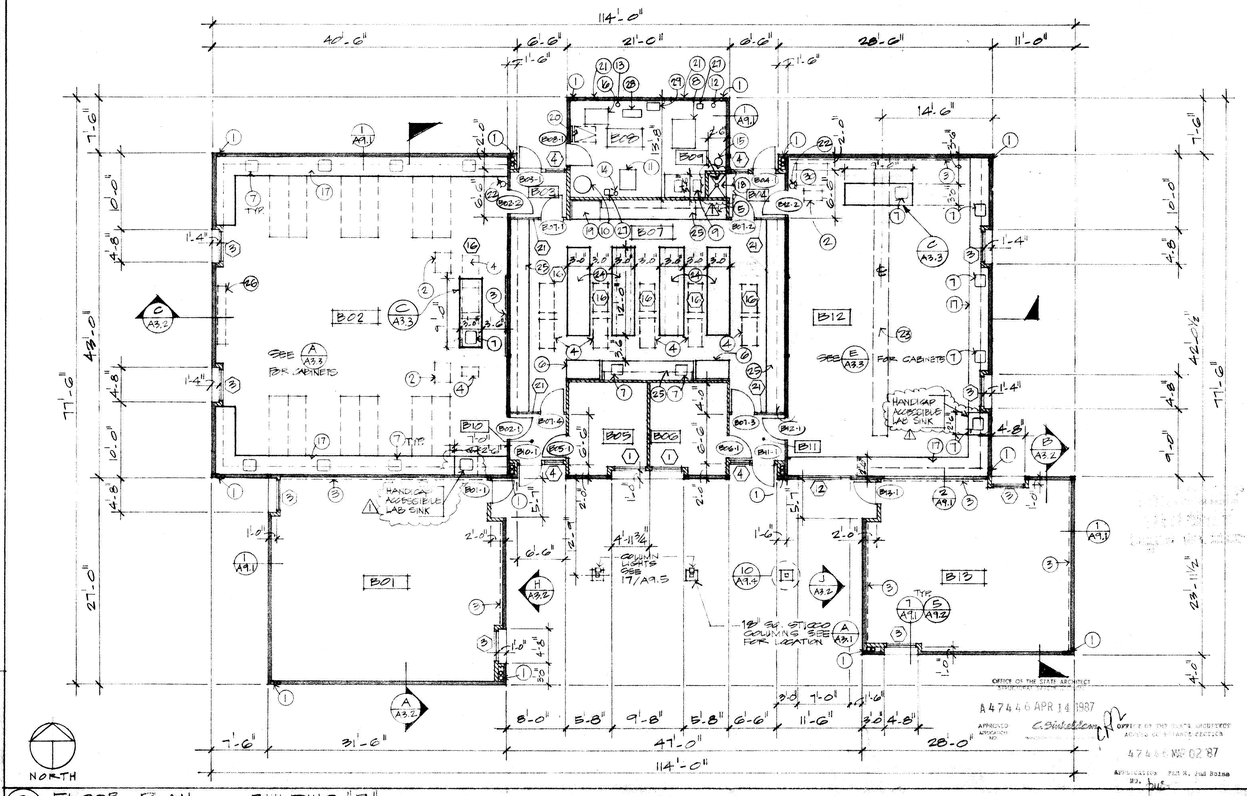
REFLECTED CEILING PLAN LEGEND

- 2x4 FLUORESCENT FIXTURE
- 2x2 FLUORESCENT FIXTURE
- HVAC GRILLE
- EXHAUST FAN
- RECESSED DOWN LIGHT
- TRACK FIXTURE
- STRIP FLUORESCENT FIXTURE
- MAINTENANCE ROOF HATCH
- GYPSUM BOARD
- EXTERIOR PLASTER FINISH
- 2x4 SUSPENDED T-BAR CEILING

SYMBOL LIST

- NOTES
- SEE DOOR SCHEDULE
- SEE WINDOW SCHEDULE

KEY PLAN



C A3.1 FLOOR PLAN - BUILDING "B" 1/8" = 1'-0"

APPROVED FOR CONSTRUCTION DRAWINGS
DATE 1-8-87
SAN DIEGO COUNTY DEPARTMENT OF PUBLIC WORKS BUILDING DIVISION

MIRACOSTA COLLEGE
SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS
1 HC CORRECTIONS 1-14-87

DRAWN
CHECKED
CHECKED

ARCHITECT C-3559 REGISTRATION

FLOOR, REFLECTED CEILING & ROOF PLANS; NOTES — BLDG B

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

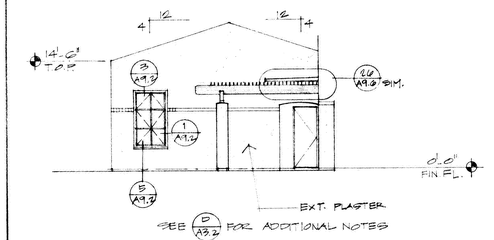
A3.1

DATE DEC. 1986

A47446 APR 14 1987
APPROVED APPLICATION NO. — OFFICE OF THE STATE ARCHITECT
47446 MAR 02 '87
APPLICATION NOT R. 2nd Bldng
BY: DSA

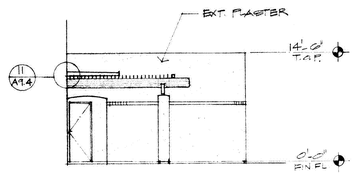
SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

98709



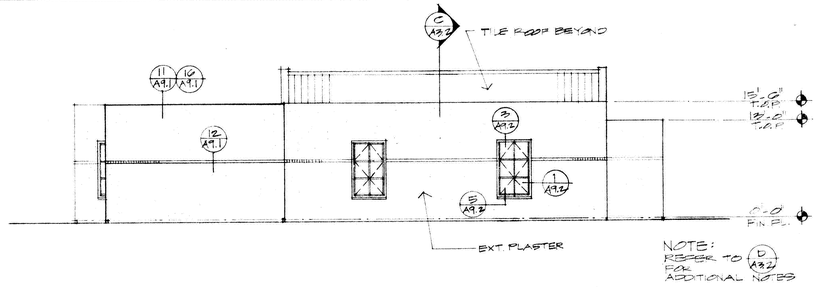
SEE D A3.2 FOR ADDITIONAL NOTES

H A3.2 PARTIAL EAST ELEVATION
1/8"=1'-0"

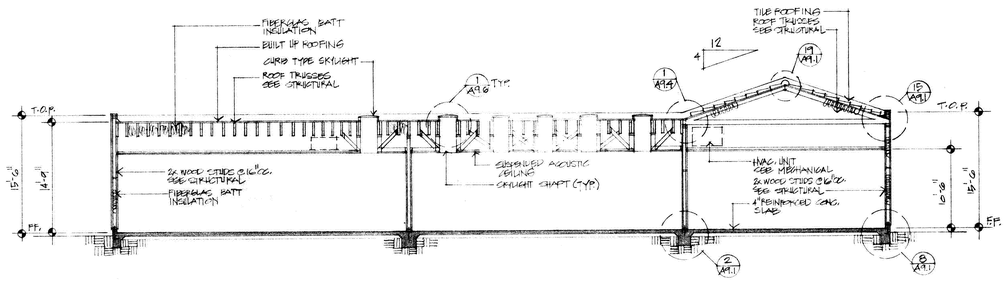


SEE D A3.2 FOR ADDITIONAL NOTES

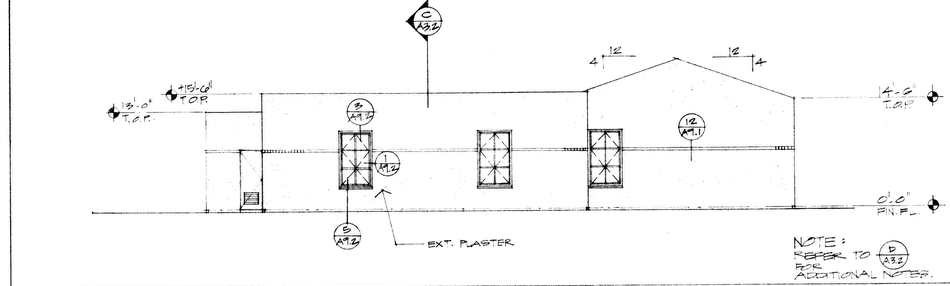
J A3.2 PARTIAL WEST ELEVATION
1/8"=1'-0"



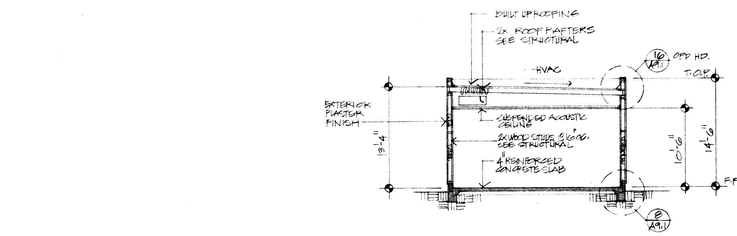
G A3.2 EAST EXTERIOR ELEVATION
1/8"=1'-0"



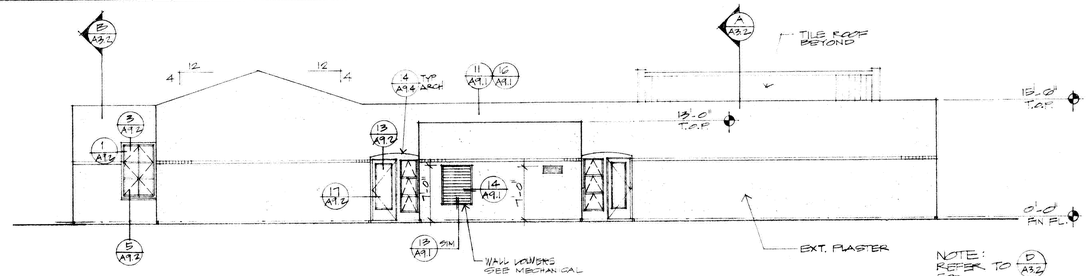
C A3.2 BUILDING SECTION
1/8"=1'-0"



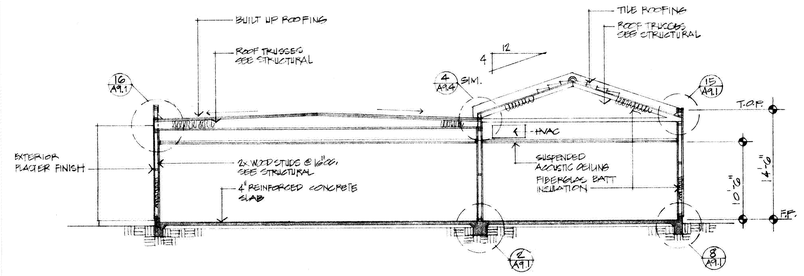
F A3.2 WEST EXTERIOR ELEVATION
1/8"=1'-0"



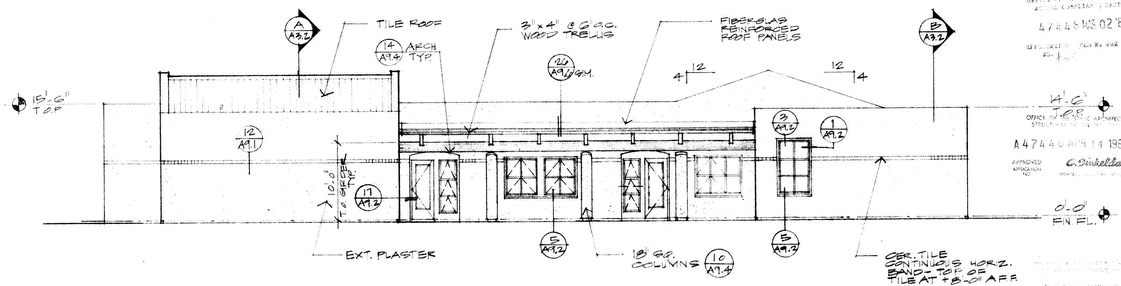
B A3.2 BUILDING SECTION
1/8"=1'-0"



E A3.2 NORTH EXTERIOR ELEVATION
1/8"=1'-0"



A A3.2 BUILDING SECTION
1/8"=1'-0"



D A3.2 SOUTH EXTERIOR ELEVATION
1/8"=1'-0"

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STATE OF CALIFORNIA
SOUTHERN REGION
DIVISION OF THE STATE ARCHITECT

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

EXTERIOR ELEVATIONS, BUILDING SECTIONS

BLDG B

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

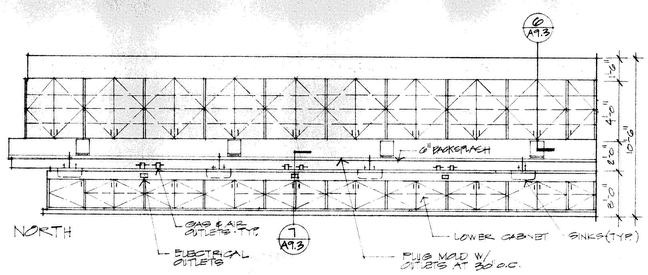
PROJECT
MCC #302

A3.2

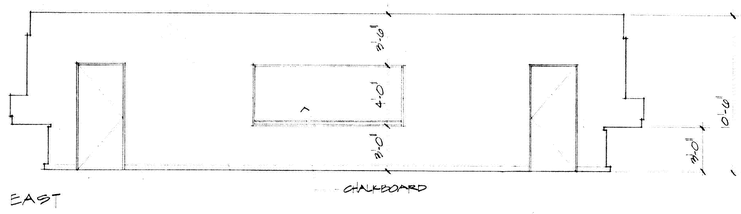
DATE DEC. 1986

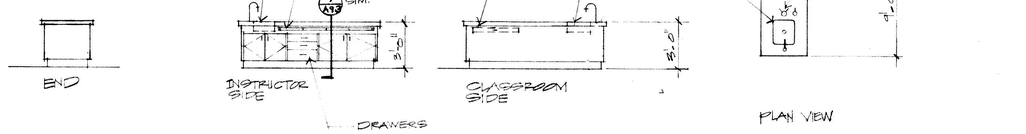
SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

APPROVED FOR TENANT PLANNING ONLY
STATE FIRE MARSHAL
OFFICE OF THE STATE ARCHITECT



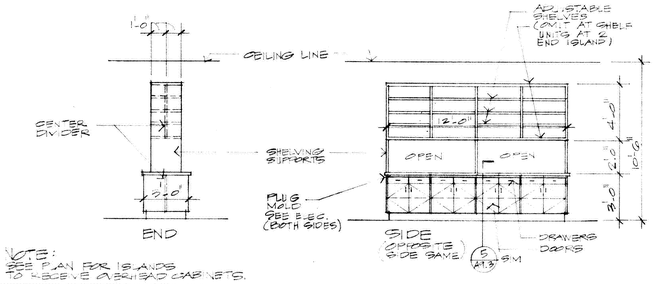
A/A3.3 BIOLOGY LAB - ROOM B02
1/4" = 1'-0".



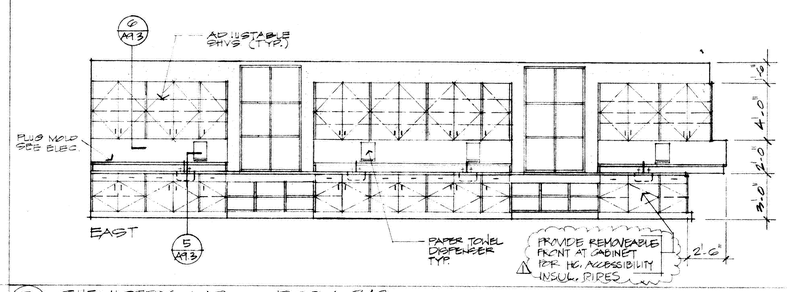


D/A3.3 BIOLOGY LAB - ROOM B02
1/4" = 1'-0"

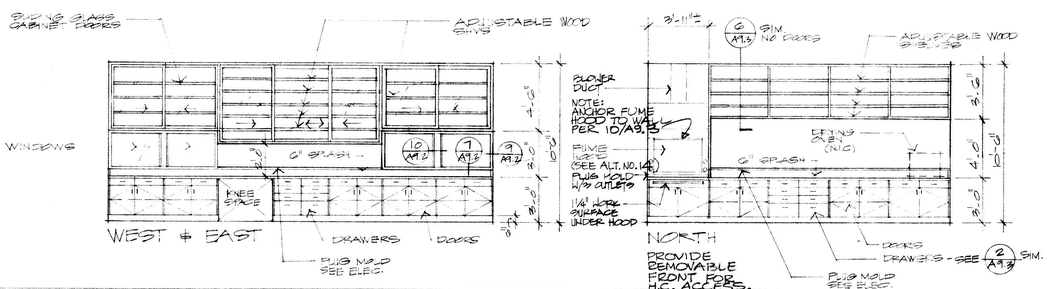
G/A3.3 INSTRUCTOR'S LAB ISLAND
1/4" = 1'-0".



D/A3.3 TYPICAL LAB SERVICE ISLAND ROOM B07
1/4" = 1'-0"



E/A3.3 CHEMISTRY LAB - ROOM B12
1/4" = 1'-0"



F/A3.3 BIO/CHEM. LAB SERVICE ROOM B07
1/4" = 1'-0"

GENERAL NOTES
ALL BUILDING 'B' CASEWORK

1. COUNTERTOPS CHEMICAL RESISTANT UNLESS NOTED OTHERWISE

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED
OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
A 47446 MAR 02 '87
APPROVED

MIRACOSTA COLLEGE
SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS
1 HC CORRECTIONS 11-14-86

DRAWN
CHECKED
CHECKED

ARCHITECT
C-13559
REGISTRATION

INTERIOR ELEVATIONS
BLDG B

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

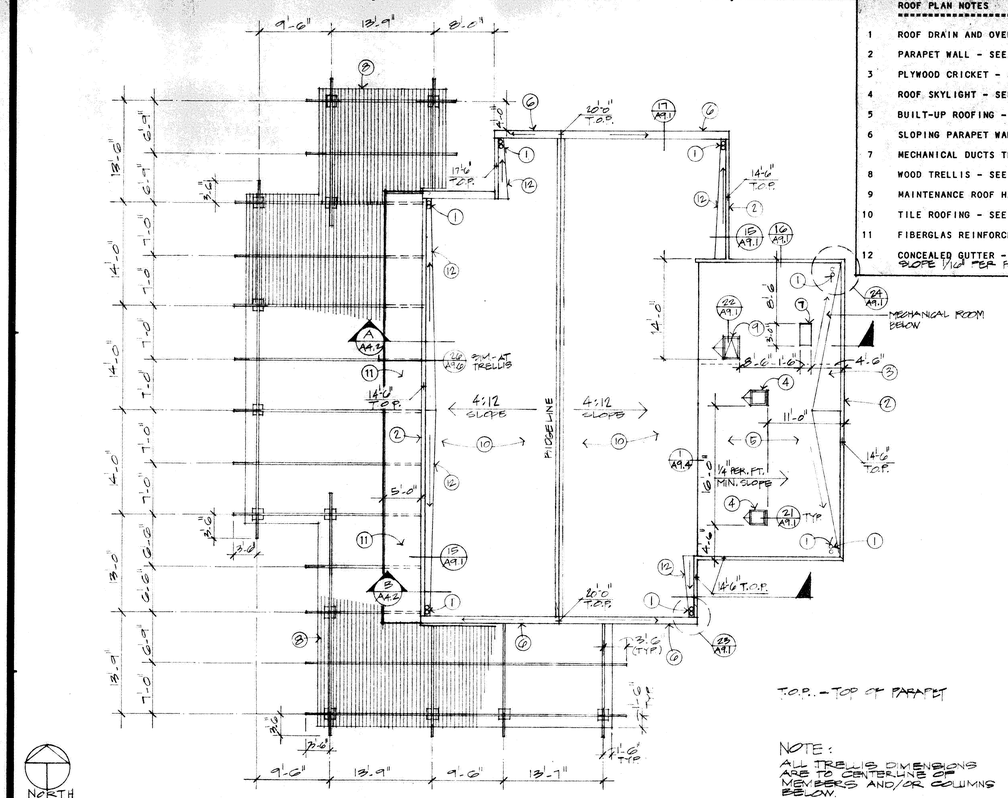
A3.3
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

86709

ROOF PLAN NOTES — BUILDING "C"

1 ROOF DRAIN AND OVERFLOW - SEE DETAIL 22/A9.1 24/A9.1
2 PARAPET WALL - SEE 16/A4.1 19/A9.1
3 PLYWOOD CRICKET - SEE DETAIL 5/A9.4
4 ROOF SKYLIGHT - SEE DETAIL 21/A9.1
5 BUILT-UP ROOFING - SEE SPECIFICATIONS
6 SLOPING PARAPET WALL - SEE DETAIL 17/A9.1
7 MECHANICAL DUCTS THROUGH ROOF - SEE DETAIL 6/A9.4
8 WOOD TRELLIS - SEE STRUCTURAL
9 MAINTENANCE ROOF HATCH - SEE DETAIL 22/A9.1
10 TILE ROOFING - SEE SPECIFICATIONS
11 FIBERGLAS REINFORCED ROOF PANELS - SEE SPECIFICATIONS
12 CONCEALED GUTTER - SEE DETAIL 15/A9.1 SLOPE 1/16" PER FOOT



T.O.P. - TOP OF PARAPET

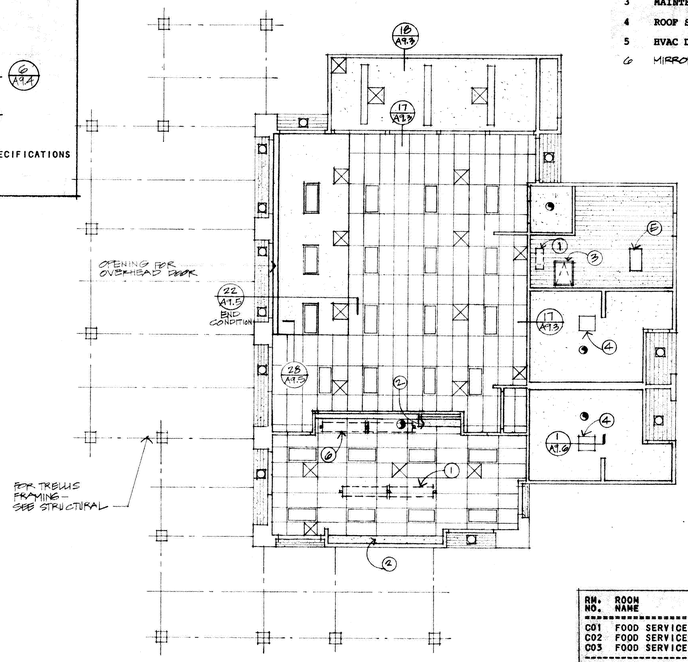
NOTE:
ALL TRELLIS DIMENSIONS ARE TO CENTERLINE OF MEMBERS AND/OR COLUMNS BELOW

NORTH

A/A4.1 ROOF PLAN BUILDING "C"
1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES — BUILDING "C"

1 CEILING HUNG EXPANSION TANK - SEE MECHANICAL 24/A9.5 25/A15
2 SOFFITS OVER CABINETS
3 MAINTENANCE ROOF HATCH - SEE DETAIL 22/A9.1
4 ROOF SKYLIGHT - SEE DETAIL 21/A9.1
5 HVAC DUCT - SEE MECHANICAL
6 MIRROR PANELS - SEE 14/A9.5



NORTH

B/A4.1 REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- 2x4 FLUORESCENT FIXTURE
- HVAC GRILLE
- EXHAUST FAN
- RECESSED DOWN LIGHT
- STRIP FLUORESCENT FIXTURE
- MAINTENANCE ROOF HATCH
- GYPSUM BOARD
- 2x4 SUSPENDED T-BAR CEILING
- EXT. PLASTER FINISH

RM. NO.	ROOM NAME
C01	FOOD SERVICE
C02	FOOD SERVICE PREP.
C03	FOOD SERVICE PREP.
C04	CUSTODIAN
C05	MECHANICAL
C06	MEN'S RESTROOM
C07	WOMEN'S RESTROOM
C08	ELECTRICAL SERVICE

FLOOR PLAN NOTES — BUILDING "C"

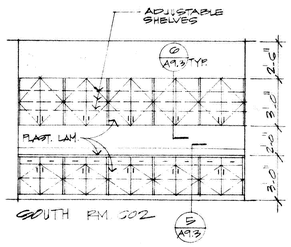
1 RAIN WATER LEADERS IN WALL - SEE DETAIL 9/A9.1
2 DRINKING FOUNTAIN - SEE DETAIL 19/A9.4 SIM.
3 MOP SINK - SEE DETAIL 26/A9.4
4 ROOF SKYLIGHT - SEE DETAIL 21/A9.1
5 SINK W/DISHWASHER - SEE PLUMBING
6 COOKTOP - SEE MECHANICAL
7 OVEN
8 REFRIGERATOR
9 BUILT-IN CABINET - SEE DETAIL
10 COOLING TOWER - SEE MECHANICAL
11 PUMPS - SEE PLUMBING
12 WATER STORAGE TANK - SEE PLUMBING
13 HOT WATER BOILER - SEE PLUMBING
14 FIRE SPRINKLER RISER - SEE PLUMBING
15 GAS SERVICE RISER - SEE PLUMBING
16 WATER SERVICE RISER - SEE PLUMBING
17 CHEMICAL POT FEEDER - SEE PLUMBING
18 ELECTRICAL TRANSFORMER - SEE ELECTRICAL
19 SHELVING
20 FLOOR DRAIN - SEE PLUMBING
21 COUNTER DOOR - SEE DETAIL 12/A13
22 MAINTENANCE ROOF HATCH AND LADDER - SEE DETAIL 22/A9.1
23 WALL LOUVERS - SEE MECHANICAL
24 EXHAUST FAN - SEE MECHANICAL
25 WORK TABLE - N.I.C.
26 PAY TELEPHONE - SEE DETAIL 13/A9.4
27 FLOOR SINK - SEE PLUMBING
28 WALL MOUNTED TACKBOARD 21/A13.3
29 DISHWASHER

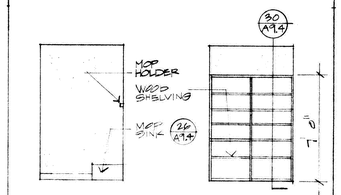
WALL FRAMING LEGEND

SEE STRUCTURAL DRAWINGS FOR FRAMING DETAILS.
SEE SPECS FOR INSULATION TYPES.

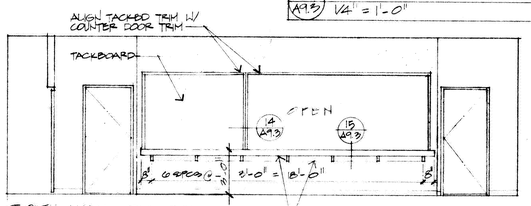
- 2 X 6 WOOD STUDS AT 16" O.C. WITH INSULATION
- 2 X 6 WOOD STUDS AT 16" O.C. WITH INSULATION
- 2 X 6 DEMOUNTABLE WOOD STUDS AT 16" O.C. WITH INSULATION
- 2 X 6 WOOD STUDS AT 16" O.C. WITH SOUND INSULATION
- 2 X 6 WOOD STUDS AT 32" O.C. WITH INSULATION
- 2 X 8 WOOD STUDS AT 16" O.C. WITH INSULATION

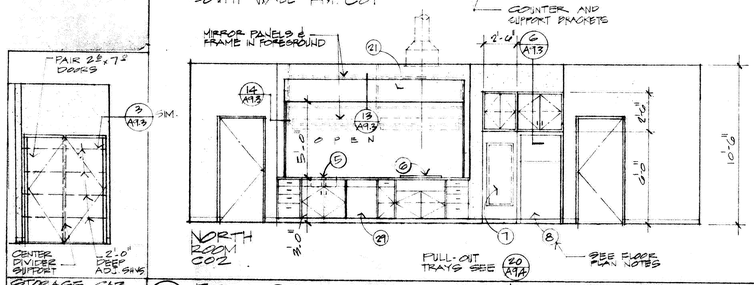
WALL-LEG.418



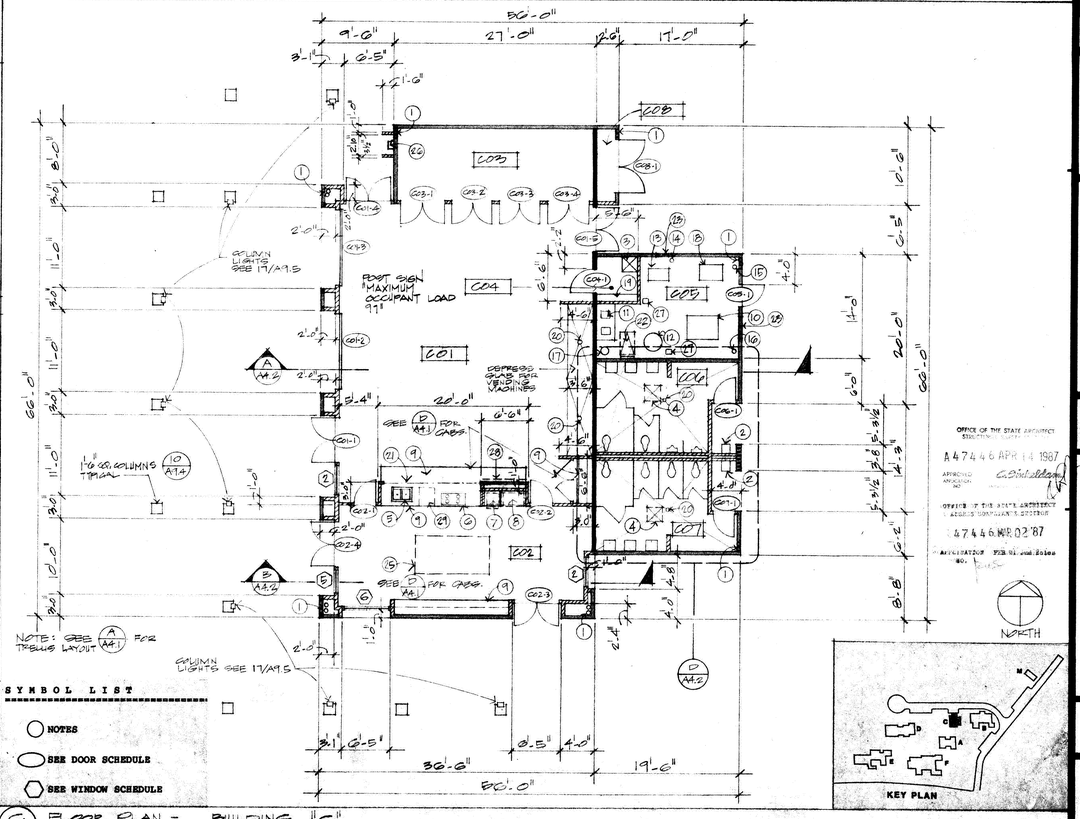


E/A9.3 CUSTODIAN ROOM C04
1/4" = 1'-0"





D/A4.1 FOOD SERVICE PREP - C02 & C01
1/4" = 1'-0"



C/A4.1 FLOOR PLAN - BUILDING "C"
1/8" = 1'-0"

SYMBOL LIST

- NOTES
- SEE DOOR SCHEDULE
- SEE WINDOW SCHEDULE

OFFICE OF THE STATE ARCHITECT
A 47446 APR 14 1987
APPROVED
47446 MAR 02 '87
APPROVED FOR OS and Sales

APPROVED FOR DSA PERMIT ONLY
JUL 7 1987
SCOPE OF REVIEW LIMITED TO FIELD VERIFIED CONDITIONS

MIRACOSTA COLLEGE
SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

C-15529 REGISTRATION ARCHITECT

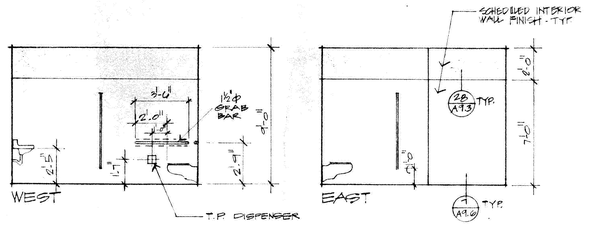
FLOOR, REFLECTED CEILING & ROOF PLANS; NOTES; INTERIOR ELEVATIONS. BLDG C

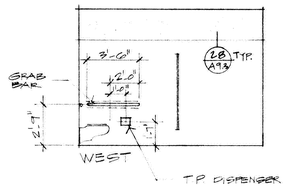
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

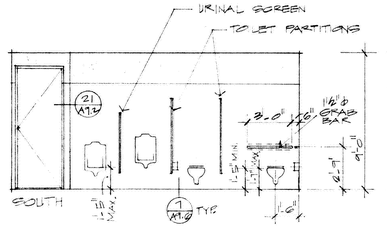
A4.1

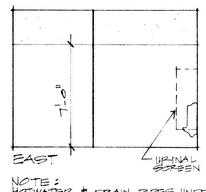
DATE DEC. 1986



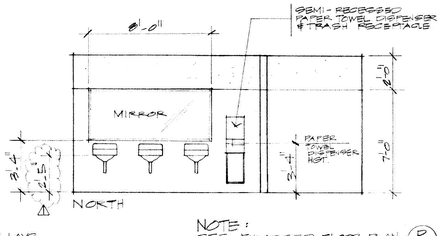


J A4.2 MEN'S RESTROOM - ROOM 006
1/4" = 1'-0"

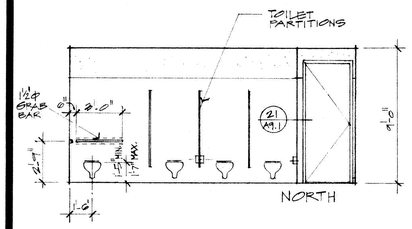




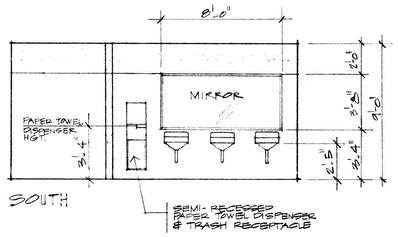
NOTE:
HOTWATER & DRAIN PIPES UNDER LAVS SHALL BE INSULATED OR OTHERWISE COVERED. NO SHARP OR ABRASIVE SURFACES ALLOWED.



NOTE:
SEE ENLARGED FLOOR PLAN FOR OTHER DIMENSIONS & WALL TYPES. D A4.2

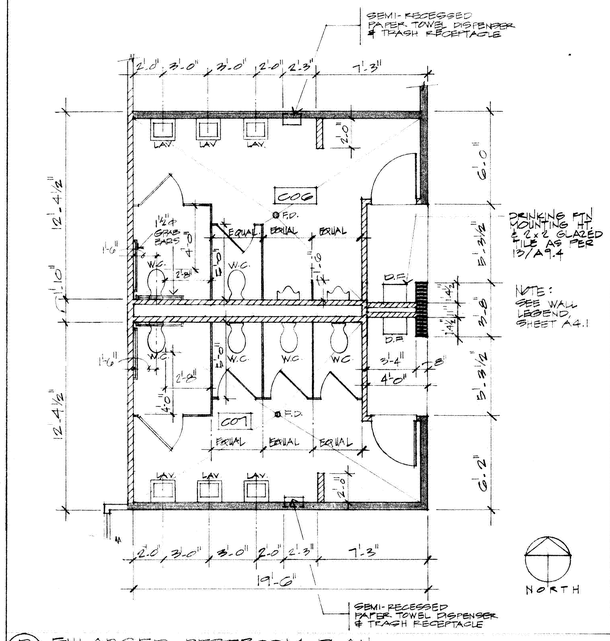


NOTE:
HOTWATER AND DRAIN PIPES UNDER LAVS SHALL BE INSULATED OR OTHERWISE COVERED. NO SHARP OR ABRASIVE SURFACES ALLOWED.

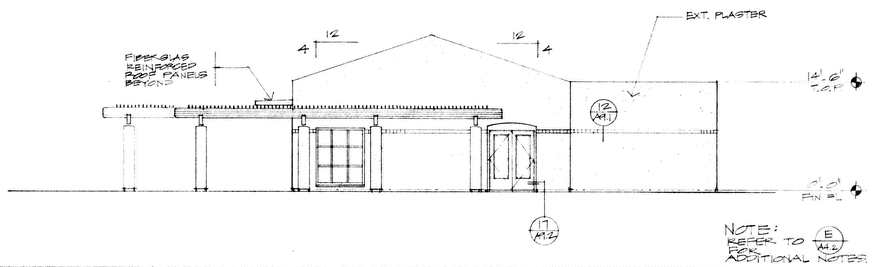


NOTE:
SEE ENLARGED PLAN FOR OTHER DIMENSIONS & CALLOUTS. D A4.2

C A4.2 WOMEN'S RESTROOM - ROOM 007
1/4" = 1'-0"

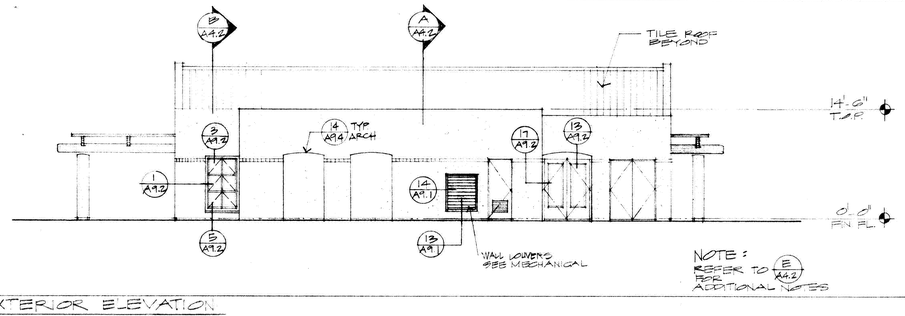


D A4.2 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



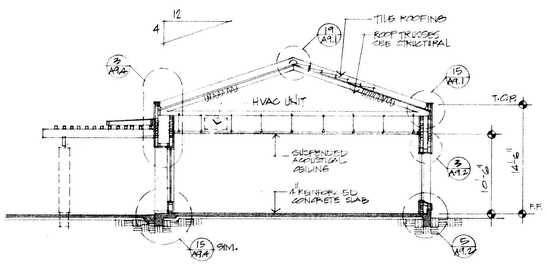
NOTE:
REFER TO E A4.2 FOR ADDITIONAL NOTES.

H A4.2 SOUTH EXTERIOR ELEVATION
1/8" = 1'-0"

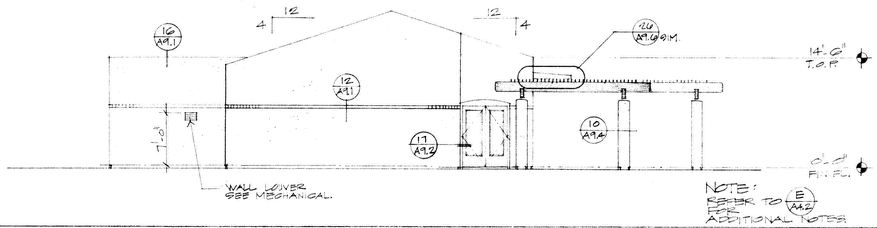


NOTE:
REFER TO E A4.2 FOR ADDITIONAL NOTES.

G A4.2 EAST EXTERIOR ELEVATION
1/8" = 1'-0"

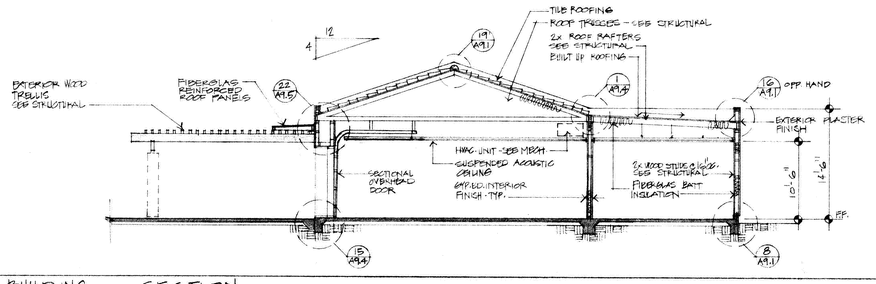


B A4.2 BUILDING SECTION
1/8" = 1'-0"

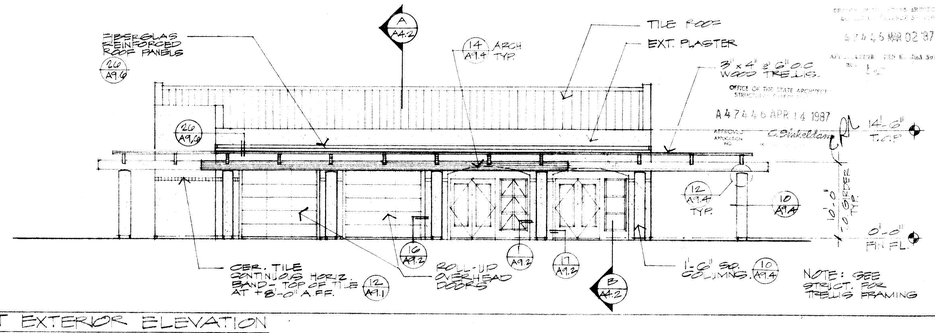


NOTE:
REFER TO E A4.2 FOR ADDITIONAL NOTES.

F A4.2 NORTH EXTERIOR ELEVATION
1/8" = 1'-0"



A A4.2 BUILDING SECTION
1/8" = 1'-0"



E A4.2 WEST EXTERIOR ELEVATION
1/8" = 1'-0"

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3557
REGISTRATION

EXTERIOR ELEVATIONS, BUILDING SECTIONS, ENLARGED RESTROOM PLAN & INTERIOR ELEVATIONS

BLDG C

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

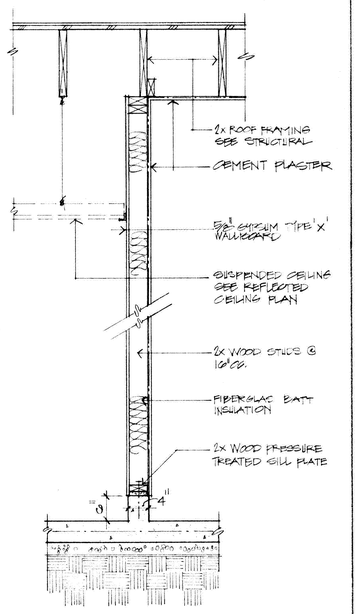
A4.2

DATE DEC. 1986

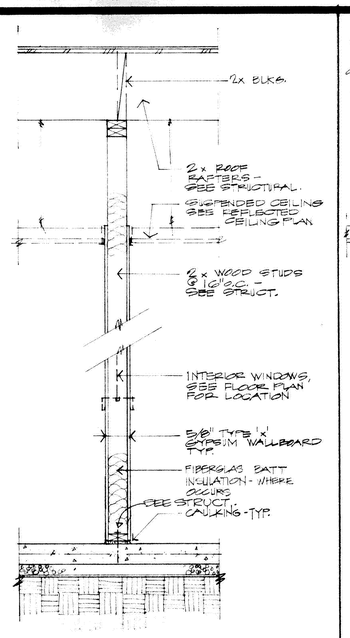
MIRACOSTA COLLEGE
SAN ELIJO CENTER
PHASE ONE BUILDINGS

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

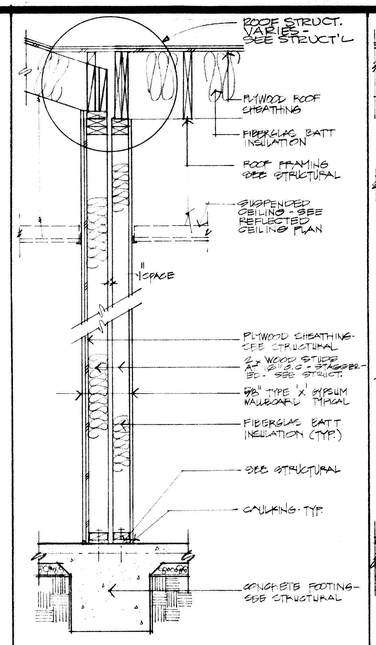
B6709



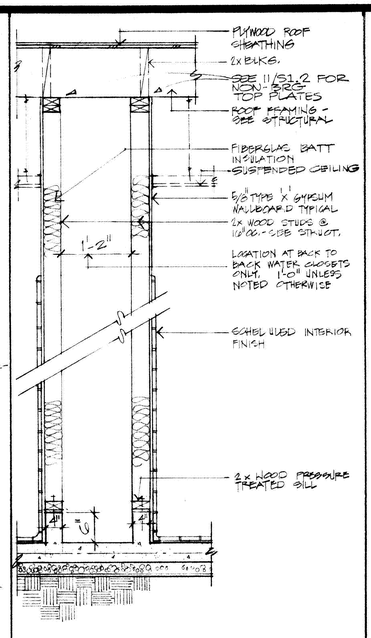
6 A9.1 INTERIOR WALL DETAIL
SCALE: 1"=1'-0"



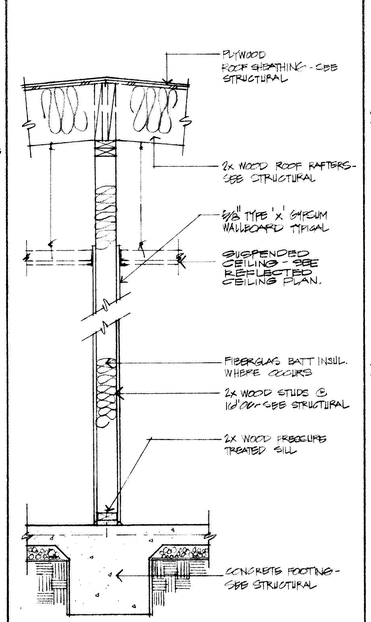
5 A9.1 INTERIOR WALL DETAIL
SCALE: 1" = 1'-0"



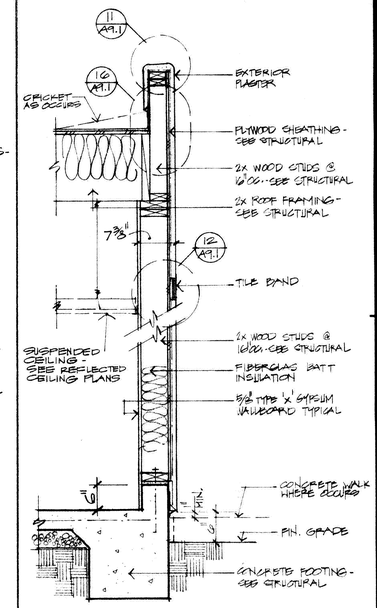
4 A9.1 TYPICAL INTERIOR DOUBLE WALL DETAIL
SCALE: 1"=1'-0"



3 A9.1 INTERIOR PLUMBING CHASE WALL
SCALE: 1"=1'-0"



2 A9.1 INTERIOR WALL DETAIL
SCALE: 1"=1'-0"



1 A9.1 EXTERIOR WALL DETAIL
SCALE: 1"=1'-0"

12 A9.1 EXTERIOR TILE DETAIL
SCALE: 3"=1'-0"

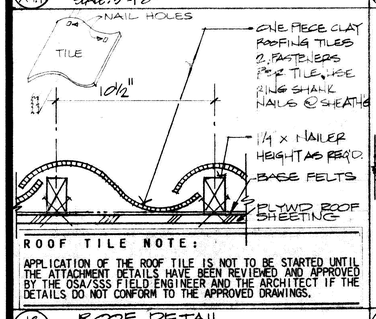
11 A9.1 TYPICAL PARAPET DETAIL
SCALE: 3"=1'-0"

10 A9.1 EXTERIOR WALL AT STOOP
SCALE: 1½"=1'-0"

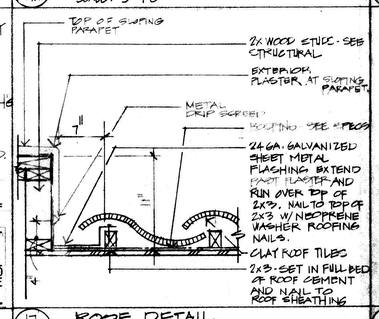
9 A9.1 RAIN LEADER AT EXT. WALL
SCALE: 1"=1'-0"

8 A9.1 TYPICAL EXTERIOR WALL DET.
SCALE: 1"=1'-0"

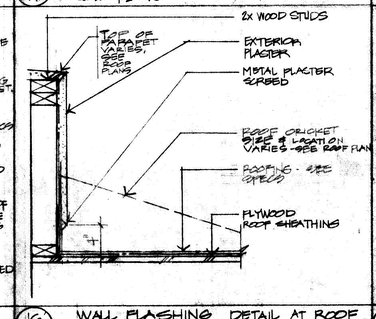
7 A9.1 EXT. WALL AT WINDOW DETAIL
SCALE: 1"=1'-0"



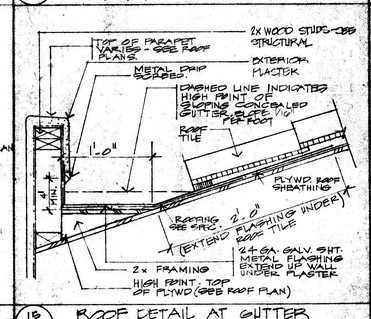
18 A9.1 ROOF DETAIL
SCALE: 3"=1'-0"



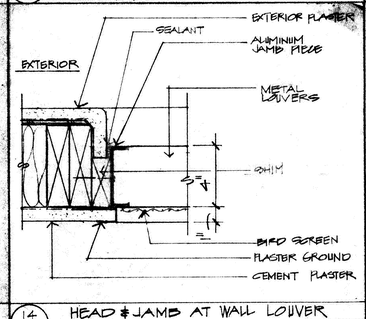
17 A9.1 ROOF DETAIL
SCALE: 1½"=1'-0"



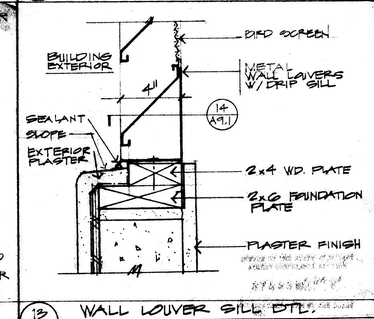
16 A9.1 WALL FLASHING DETAIL AT ROOF
SCALE: 1½"=1'-0"



15 A9.1 ROOF DETAIL AT GUTTER
SCALE: 1½"=1'-0"



14 A9.1 HEAD & JAMB AT WALL LOUVER
SCALE: 3"=1'-0"



13 A9.1 WALL LOUVER SILL DTL.
3"=1'-0"

24 A9.1 ROOF DRAIN AND OVERFLOW
NO SCALE

23 A9.1 ROOF DRAIN AT GUTTER
3"=1'-0"

22 A9.1 ROOF HATCH DETAIL
1"=1'-0"

21 A9.1 SKYLIGHT DETAIL
SCALE: 1½"=1'-0"

20 A9.1 ROOF/SKYLIGHT DETAIL @ CORR.
SCALE: NTS

19 A9.1 RIDGE DETAIL
SCALE: 3"=1'-0"

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

WALL SECTIONS & ROOF DETAILS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

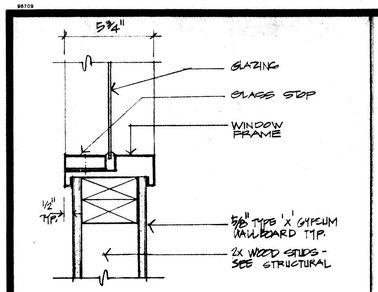
PROJECT
MCC #302

A9.1

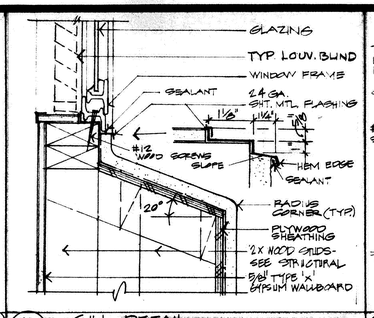
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

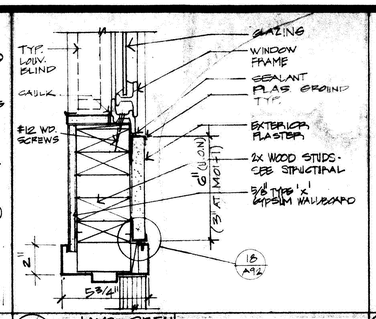
98709



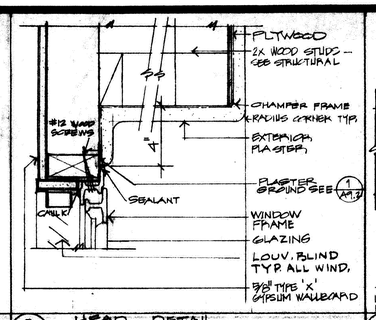
8 A9.2 INT. SILL DETAIL AT WINDOW (JAMB SIM.)
SCALE: 3"=1'-0"



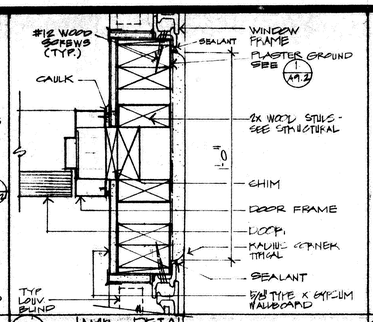
5 A9.2 SILL DETAIL
SCALE: 3"=1'-0"



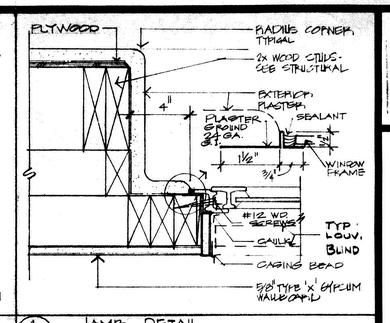
4 A9.2 JAMB DETAIL
SCALE: 3"=1'-0"



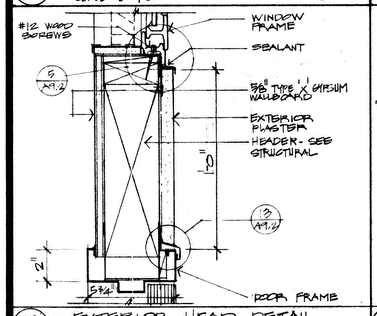
3 A9.2 HEAD DETAIL
SCALE: 3"=1'-0"



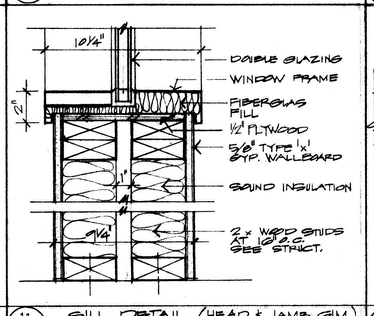
2 A9.2 JAMB DETAIL
SCALE: 3"=1'-0"



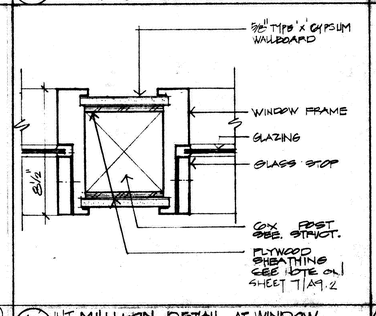
1 A9.2 JAMB DETAIL
SCALE: 3"=1'-0"



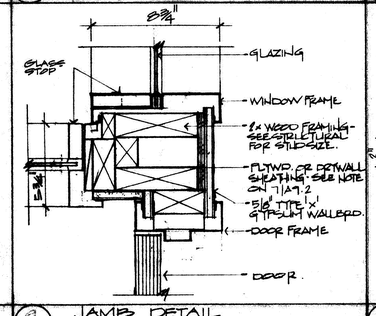
12 A9.2 EXTERIOR HEAD DETAIL
SCALE: 3"=1'-0"



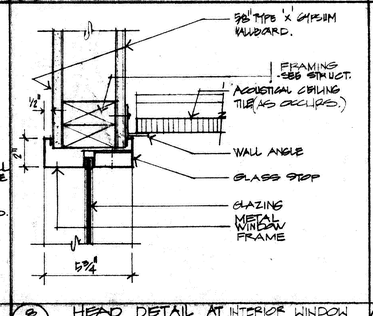
11 A9.2 SILL DETAIL (HEAD & JAMB SIM.)
3"=1'-0"



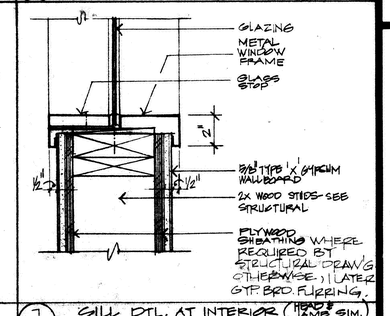
10 A9.2 INT. MULLION DETAIL AT WINDOW
SCALE: 3"=1'-0"



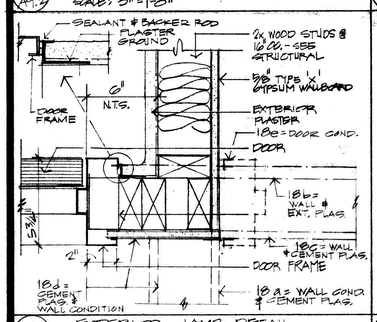
9 A9.2 JAMB DETAIL
3"=1'-0"



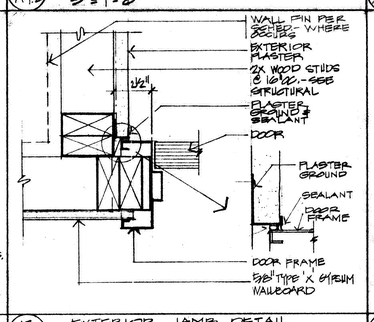
8 A9.2 HEAD DETAIL AT INTERIOR WINDOW
SCALE: 3"=1'-0"



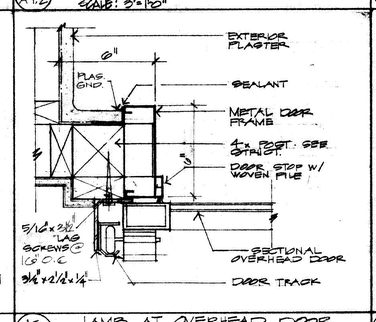
7 A9.2 SILL DTL. AT INTERIOR (HEAD & JAMB SIM.)
SCALE: 3"=1'-0"



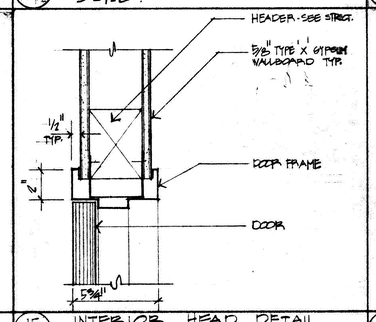
18 A9.2 EXTERIOR JAMB DETAIL
SCALE: 3"=1'-0"



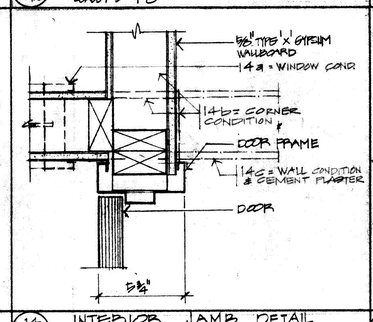
17 A9.2 EXTERIOR JAMB DETAIL
SCALE: 3"=1'-0"



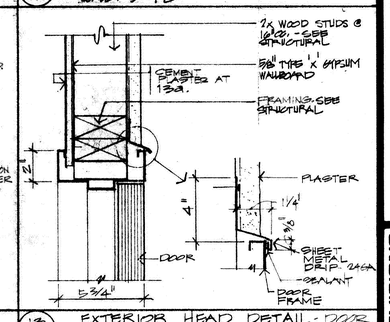
16 A9.2 JAMB AT OVERHEAD DOOR
3"=1'-0"



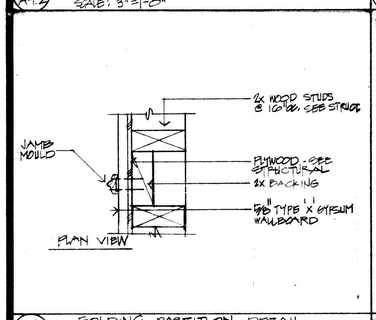
15 A9.2 INTERIOR HEAD DETAIL
SCALE: 3"=1'-0"



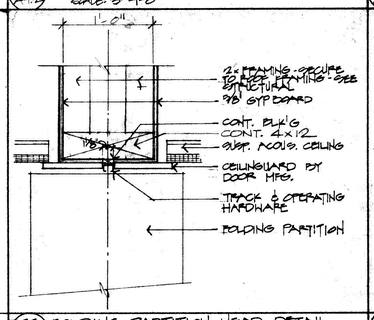
14 A9.2 INTERIOR JAMB DETAIL
SCALE: 3"=1'-0"



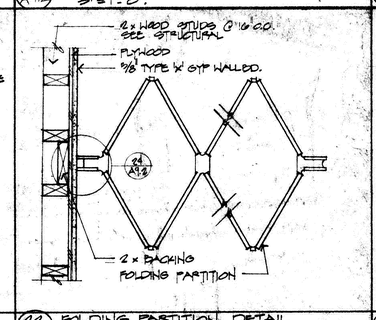
13 A9.2 EXTERIOR HEAD DETAIL - DOOR
SCALE: 3"=1'-0"



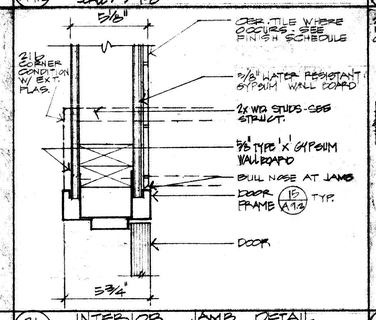
24 A9.2 FOLDING PARTITION DETAIL
SCALE: 3"=1'-0"



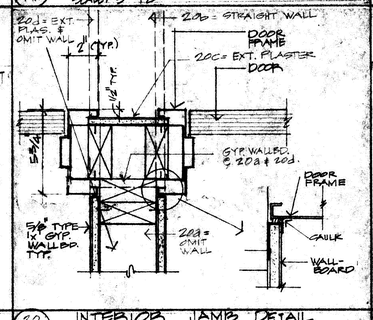
23 A9.2 FOLDING PARTITION HEAD DETAIL
SCALE: 1½"=1'-0"



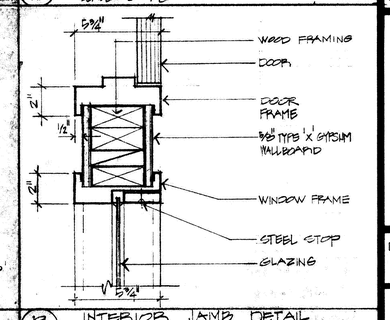
22 A9.2 FOLDING PARTITION DETAIL
SCALE: 1½"=1'-0"



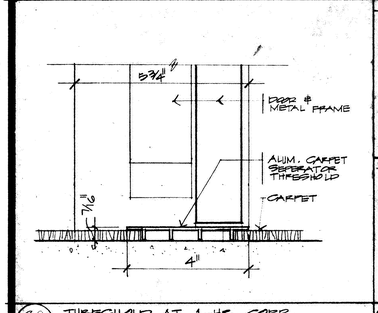
21 A9.2 INTERIOR JAMB DETAIL
SCALE: 3"=1'-0"



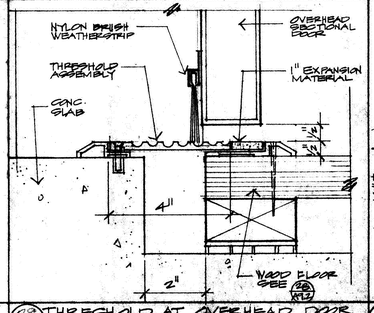
20 A9.2 INTERIOR JAMB DETAIL
SCALE: 3"=1'-0"



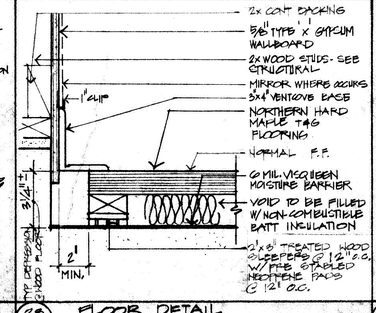
19 A9.2 INTERIOR JAMB DETAIL
SCALE: 3"=1'-0"



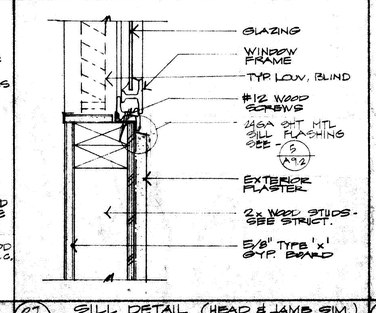
30 A9.2 THRESHOLD AT 1-HR. CORR.
NO SCALE



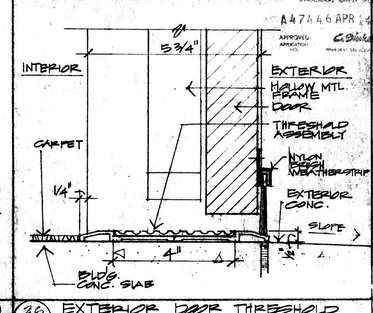
27 A9.2 THRESHOLD AT OVERHEAD DOOR BLD'G 'E'
NO SCALE



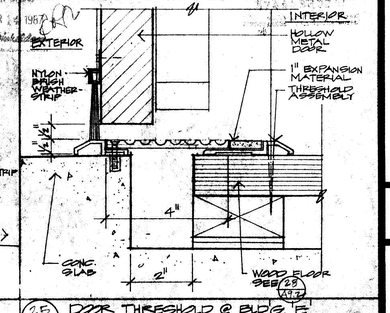
26 A9.2 FLOOR DETAIL
SCALE: 3"=1'-0"



27 A9.2 SILL DETAIL (HEAD & JAMB SIM.)
3"=1'-0"



26 A9.2 EXTERIOR DOOR THRESHOLD
NO SCALE



25 A9.2 DOOR THRESHOLD @ BLDG. 'E'
NO SCALE.

APPROVED FIRE & PANIC ONLY
JUN 7 1967
STATE FIRE MARSHAL SOUTHERN DIVISION

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

DOOR AND WINDOW DETAILS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

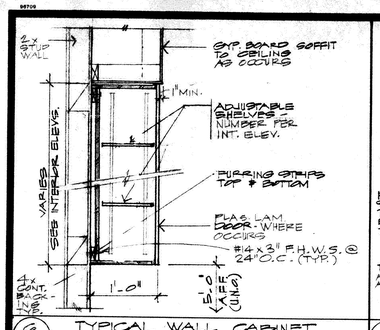
PROJECT
MCC #302 .

A9.2

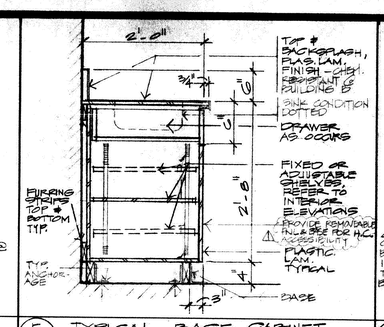
DATE DEC. 1966

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

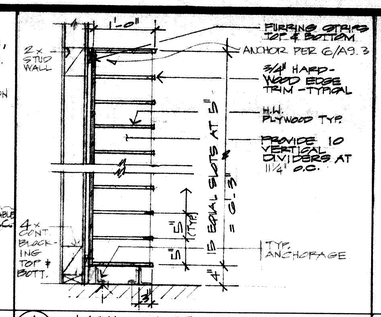
APPROVED FIRE & LIFE SAFETY ONLY
SEP 7 2007
SCHOOL FIRE MARSHAL
CONDITIONS OF APPROVAL ATTACHED TO FILE



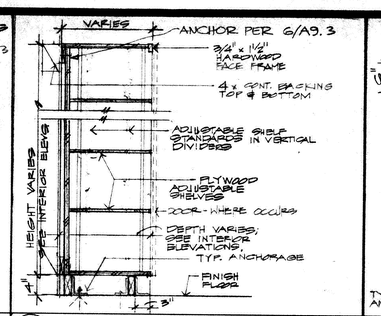
6 A9.3 TYPICAL WALL CABINET
1" = 1'-0".



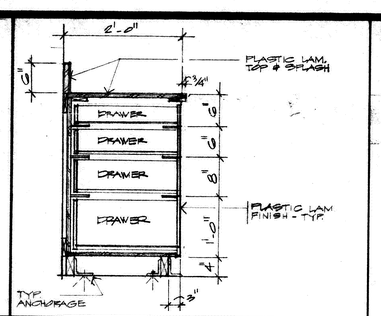
5 A9.3 TYPICAL BASE CABINET
1" = 1'-0".



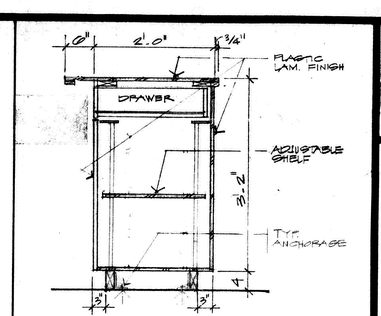
4 A9.3 MAIL SLOT CABINET
1" = 1'-0"



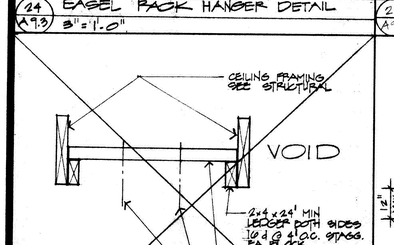
3 A9.3 TYPICAL ADJ. SHELF UNIT
1" = 1'-0".



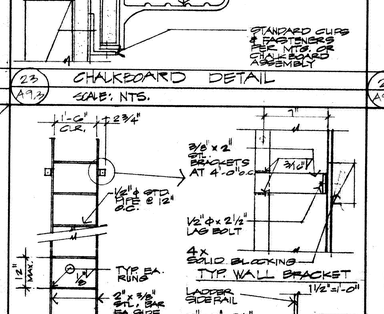
2 A9.3 TYP. BASE DRAWER CABINET
1" = 1'-0"



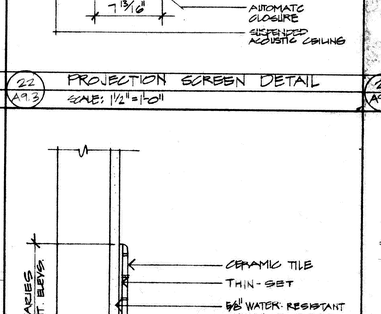
1 A9.3 BASE COUNTER / CABINET
1" = 1'-0"



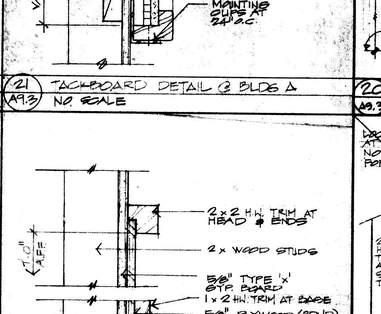
12 A9.3 PLAN VIEW CASSETTE STORAGE DRAWERS
1 1/2" = 1'-0"



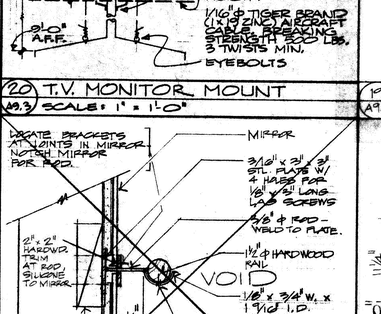
11 A9.3 TYPICAL COUNTER
1 1/2" = 1'-0"



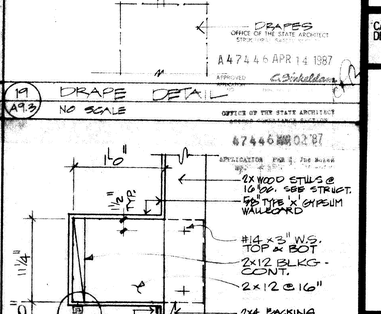
10 A9.3 LOCKER DETAIL
1" = 1'-0"



9 A9.3 FILL-OUT SHELF DETAIL
1 1/2" = 1'-0"



8 A9.3 PAPER STORAGE CABINET
1" = 1'-0"



7 A9.3 BIOLOGY LAB BASE CABINET
1" = 1'-0"

18 A9.3 CEILING DETAIL @ GYP BD.
SCALE: 1 1/2" = 1'-0"

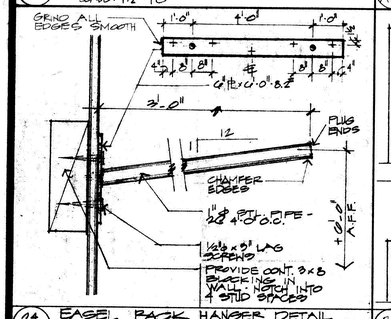
17 A9.3 CEILING DETAIL AT CLG TILE
SCALE: 1 1/2" = 1'-0"

16 A9.3 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

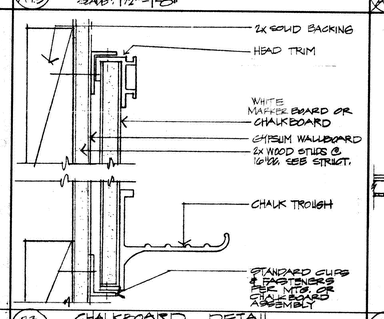
15 A9.3 SILL AT COUNTER DOOR
1" = 1'-0"

14 A9.3 JAMB AT COUNTER DOOR
1 1/2" = 1'-0"

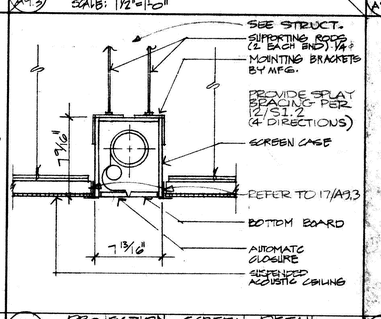
13 A9.3 HEAD AT COUNTER DOOR
1" = 1'-0"



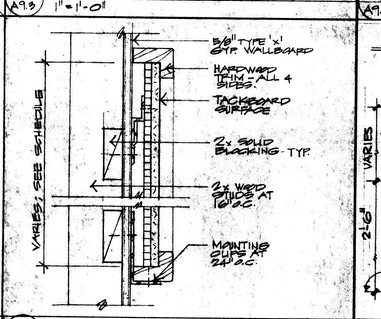
24 A9.3 EASEL RACK HANGER DETAIL
3" = 1'-0"



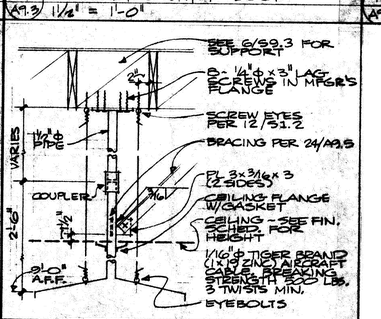
23 A9.3 CHALKBOARD DETAIL
SCALE: NTS.



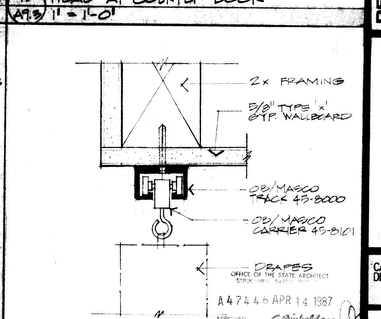
22 A9.3 PROJECTION SCREEN DETAIL
SCALE: 1 1/2" = 1'-0"



21 A9.3 TACKBOARD DETAIL @ BLDG A
NO SCALE



20 A9.3 T.V. MONITOR MOUNT
SCALE: 1" = 1'-0"



19 A9.3 DRAPE DETAIL
NO SCALE

30 A9.3 TYP. BLK'G FOR CEILING MOUNTED EQUIPMENT
1 1/2" = 1'-0"

29 A9.3 STEEL LADDER
SCALE AS NOTED.

28 A9.3 INTERIOR WALL DETAIL
SCALE: 3" = 1'-0"

27 A9.3 INTERIOR TACKBD WALL DETAIL
3" = 1'-0"

26 A9.3 DANCE RAIL DETAIL
SCALE: 3" = 1'-0"

25 A9.3 INTERIOR WALL DETAIL
SCALE: 1 1/2" = 1'-0"

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-35559
REGISTRATION

CASEWORK AND MISC. INTERIOR DETAILS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

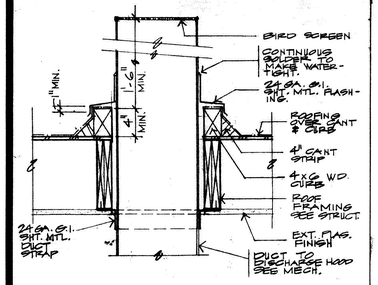
PROJECT
MCC #302

A 9.3

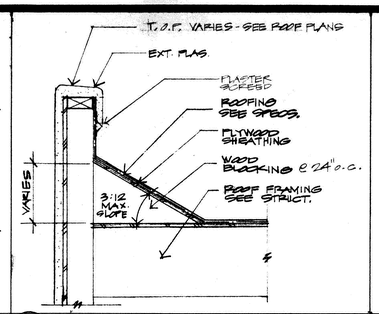
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

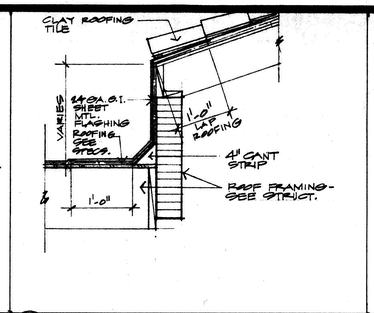
94709



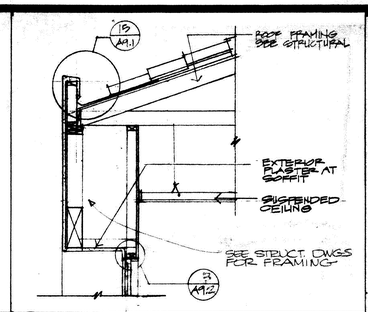
6 A9.4 TYP. MECH. DUCT THRU ROOF
1" = 1'-0".



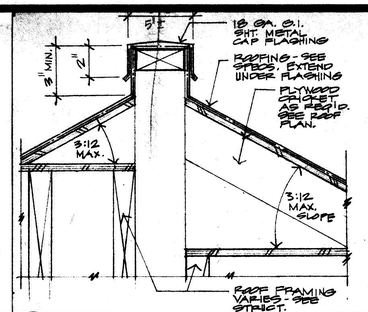
5 A9.4 TYPICAL ROOF CRICKET
1 1/2" = 1'-0"



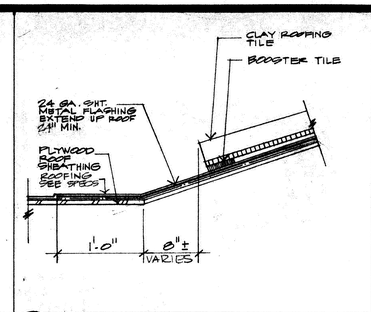
4 A9.4 ROOF DETAIL
1" = 1'-0".



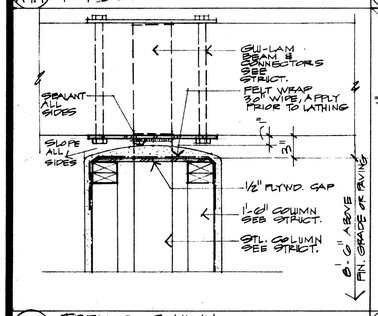
3 A9.4 ROOF DETAIL AT SOFFIT
1/2" = 1'-0"



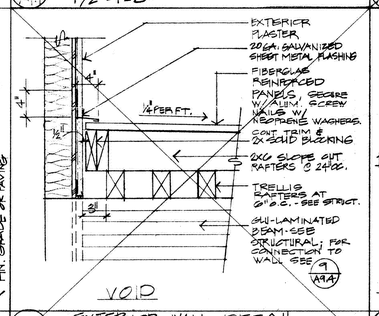
2 A9.4 ROOF DETAIL
3" = 1'-0".



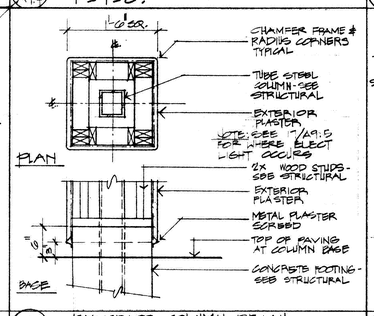
1 A9.4 TILE TO BUILT-UP ROOF DETAIL
1 1/2" = 1'-0".



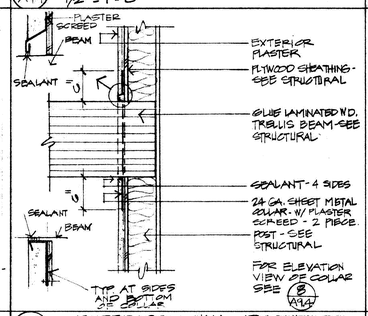
12 A9.4 TRELLIS COLUMN
1 1/2" = 1'-0".



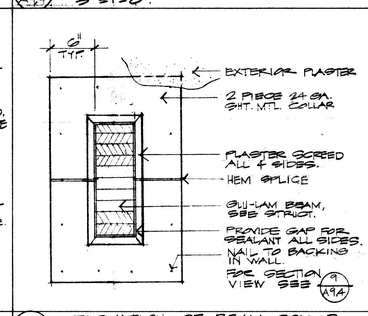
11 A9.4 EXTERIOR WALL DETAIL
SCALE: 1 1/2" = 1'-0"



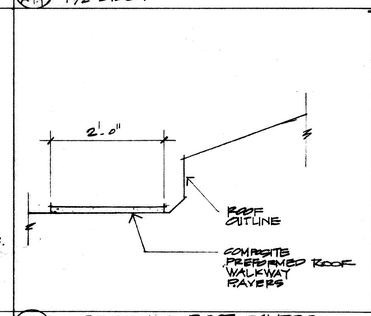
10 A9.4 EXTERIOR COLUMN DETAIL
SCALE: 1" = 1'-0"



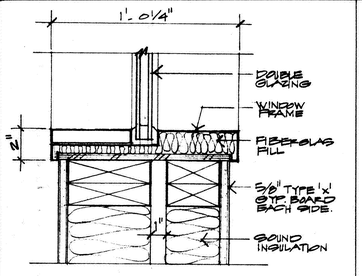
9 A9.4 EXTERIOR WALL DETAIL
SCALE: 1" = 1'-0"



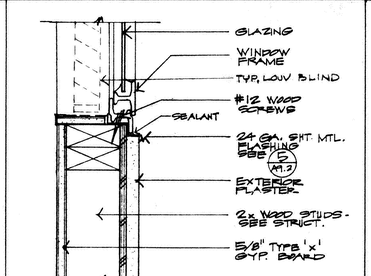
8 A9.4 ELEVATION OF BEAM COLLAR
1 1/2" = 1'-0".



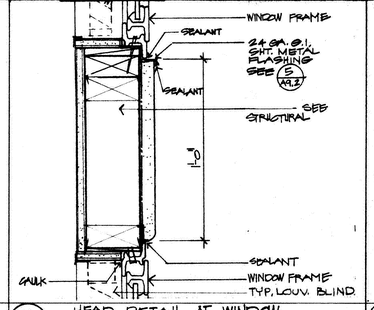
7 A9.4 COMPOSITE ROOF PAVERS
N.T.S.



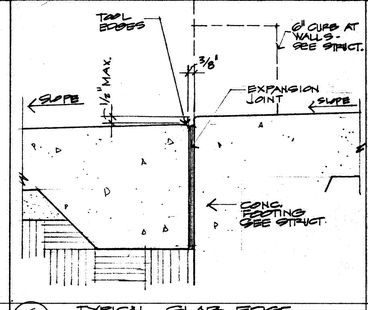
18 A9.4 INTERIOR SILL (HEAD & JAMB SIM.)
3" = 1'-0".



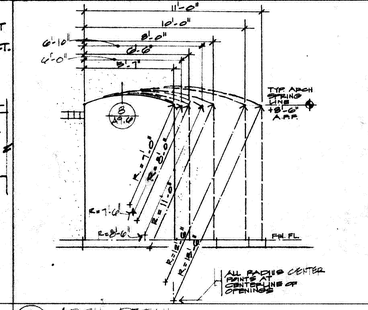
17 A9.4 SILL DETAIL (HEAD & JAMB SIM.)
3" = 1'-0"



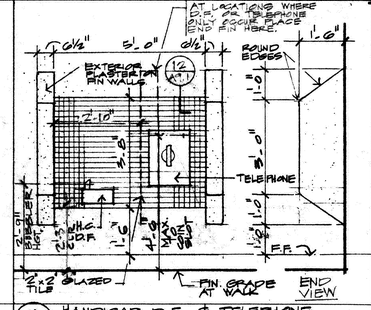
16 A9.4 HEAD DETAIL AT WINDOW
SCALE: 3" = 1'-0"



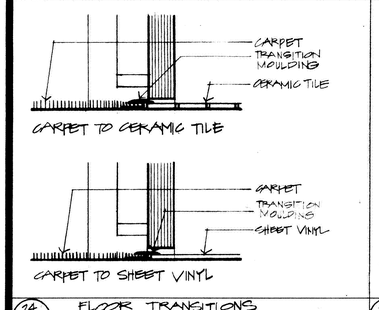
15 A9.4 TYPICAL SLAB EDGE
3" = 1'-0".



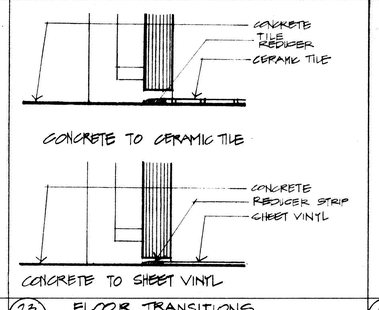
4 A9.4 ARCH DETAIL
NO SCALE



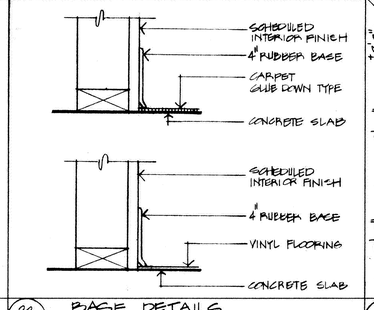
13 A9.4 HANDICAP D.F. & TELEPHONE
1/2" = 1'-0"



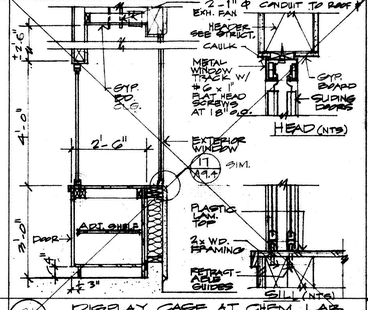
24 A9.4 FLOOR TRANSITIONS
SCALE: 3" = 1'-0"



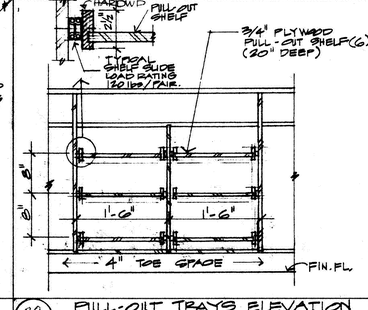
23 A9.4 FLOOR TRANSITIONS
SCALE: 3" = 1'-0"



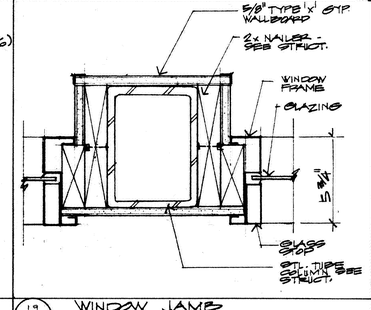
22 A9.4 BASE DETAILS
SCALE: 3" = 1'-0"



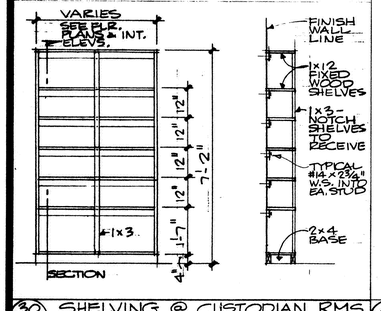
14 A9.4 DISPLAY CASE AT CHEM. LAB.
1/2" = 1'-0"



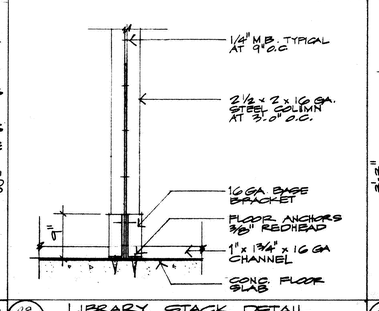
20 A9.4 PULL-OUT TRAYS ELEVATION
1" = 1'-0".



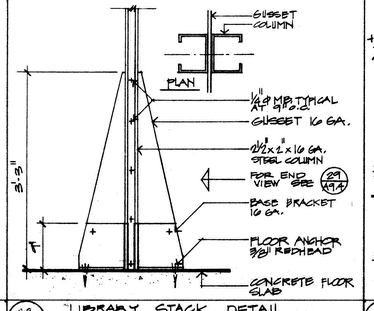
19 A9.4 WINDOW JAMB
3" = 1'-0"



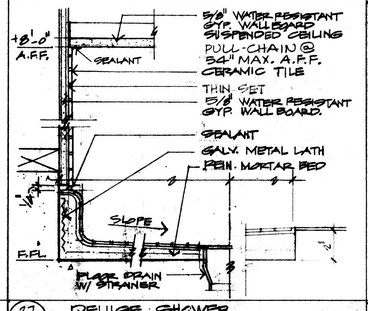
30 A9.4 SHELVING @ CUSTODIAN RMS.
1/2" = 1'-0"



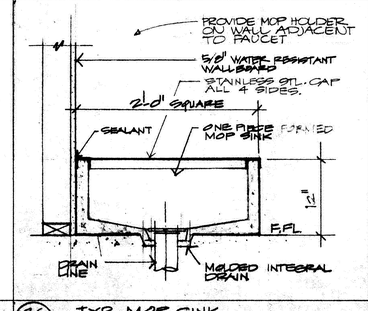
29 A9.4 LIBRARY STACK DETAIL
1" = 1'-0"



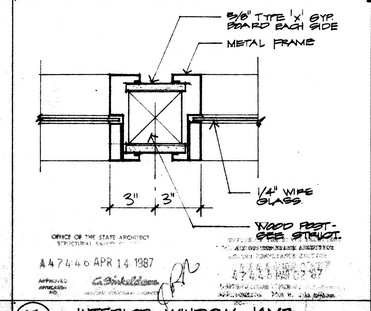
28 A9.4 LIBRARY STACK DETAIL
SCALE: 1" = 1'-0"



27 A9.4 DELUXE SHOWER
3" = 1'-0".



26 A9.4 TYP. MOP SINK
1 1/2" = 1'-0".



23 A9.4 INTERIOR WINDOW JAMB
3" = 1'-0"

APPROVED FOR PERMIT ONLY
DATE 7 1987
STATE OF CALIFORNIA
OFFICE OF THE STATE ARCHITECT

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3659
REGISTRATION

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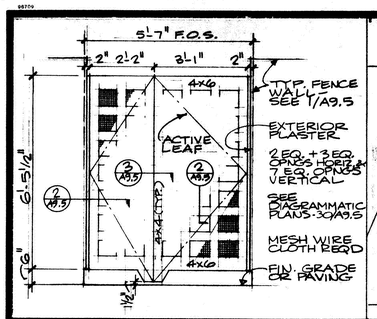
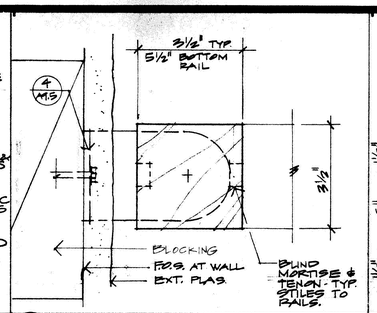
A9.4

DATE DEC. 1986

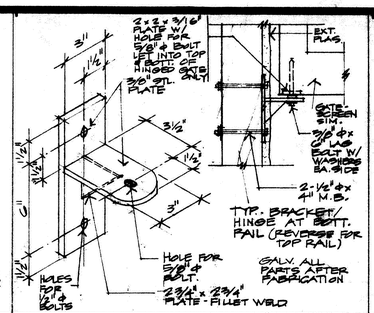
SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY



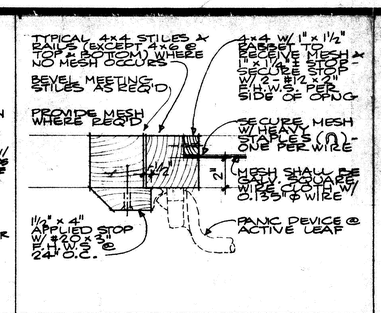
6 A9.5 GATE 'A' @ BLDG. 'F'
1/2" = 1'-0"



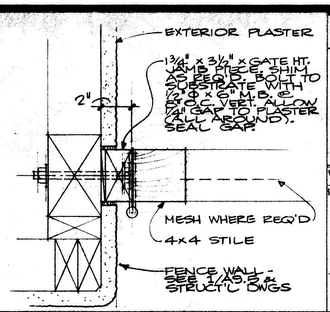
5 A9.5 TYP. STILES & RAILS AT SCREENS
N.T.S.



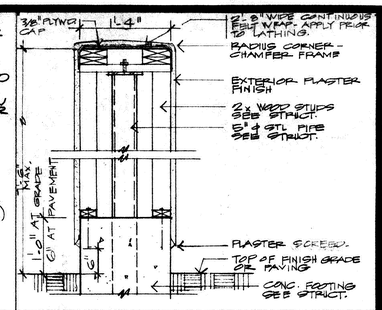
4 A9.5 HINGE BRACKET AT SCREENS
N.T.S.



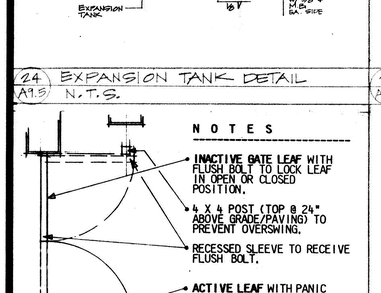
3 A9.5 MEETING STILE @ GATES
3" = 1'-0"



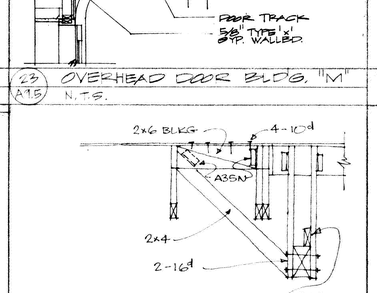
2 A9.5 GATE JAMB DETAIL
3" = 1'-0"



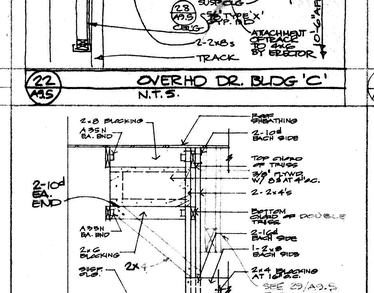
1 A9.5 TYPICAL FENCE WALL
1" = 1'-0".



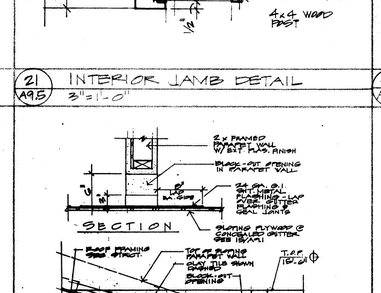
12 A9.5 PIVOT AT END SUPPORT
N.T.S.



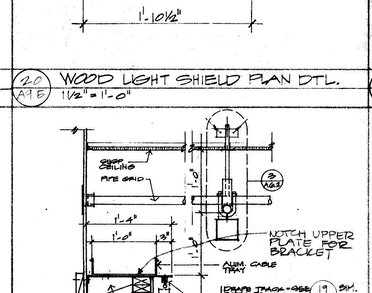
11 A9.5 PIVOT DETAIL AT CENTER SUPPORT
N.T.S.



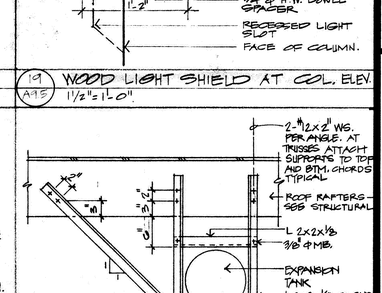
10 A9.5 ELEVS. OF FRAME & MIRRORS
3/8" = 1'-0".



9 A9.5 GATE 'B' @ BLDG 'F'
1/2" = 1'-0"



8 A9.5 SCREEN TYPE 'C'
1/2" = 1'-0".



7 A9.5 SCREEN TYPE 'B' 7a TYPE 'A'
1/2" = 1'-0".

18 A9.5 SECTION AT COL. LIGHT
1" = 1'-0".

17 A9.5 LIGHT AT COL. PLAN/SECTION
3" = 1'-0".

16 A9.5 WORKBENCH
3/4" = 1'-0".

15 A9.5 GATE 'C' @ BLDG 'E'
1/2" = 1'-0"

14 A9.5 MIRROR MOUNTING DETAIL
3/8" = 1'-0"

13 A9.5 MIRROR FRAME DETAIL
N.T.S.

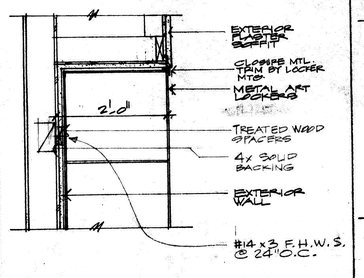
24 A9.5 EXPANSION TANK DETAIL
N.T.S.

23 A9.5 OVERHEAD DOOR BLDG. "M"
N.T.S.

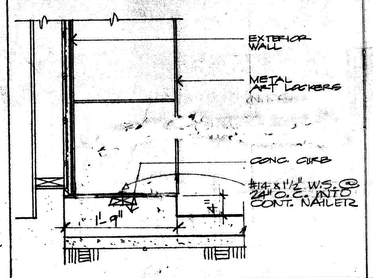
2x8 BLKG.
ROOF SHEET.
4'-0" x 12'-0" O.H. DOOR
2x8 BLKG.
2x6 BLKG.
2-10d EA. END
2-2x4 EA. SIDE
2x6 BLKG.
2-2x6 EA. SIDE
2-2x6 EA. SIDE
2-2x6 EA. SIDE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

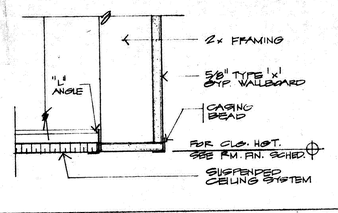
98709



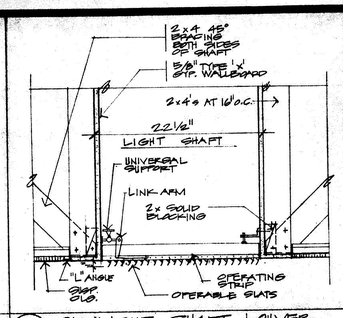
6 A9.6 ART LOCKER SOFFIT
1" = 1'-0"



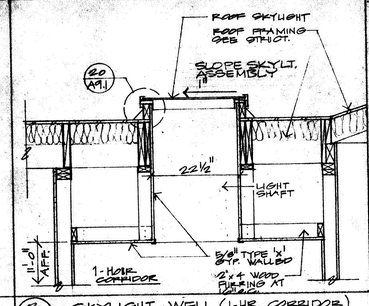
5 A9.6 ART LOCKER BASE
1" = 1'-0"



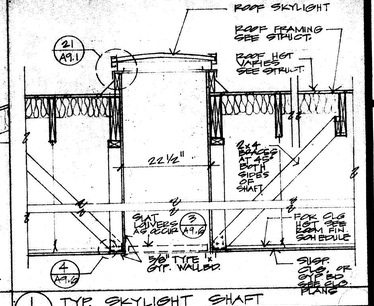
4 A9.6 TYP. GYP. BD. TO SUSP. CLG.
3" = 1'-0".



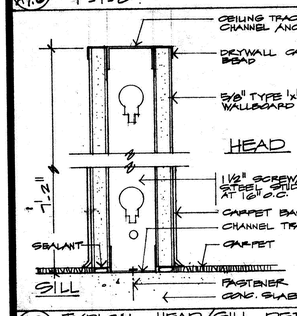
3 A9.6 SKYLIGHT SHAFT LOUVER
1½" = 1'-0".



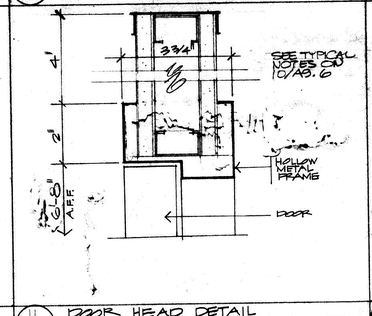
2 A9.6 SKYLIGHT WELL (1-HR. CORRIDOR)
3/4" = 1'-0"



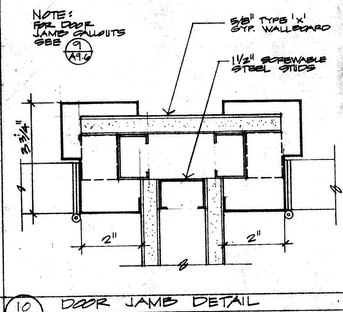
1 A9.6 TYP. SKYLIGHT SHAFT
3/4" = 1'-0".



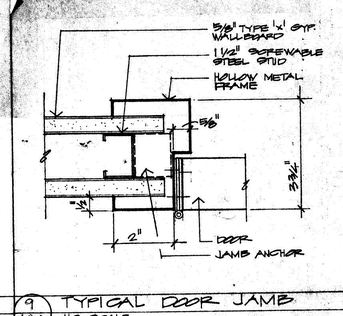
12 A9.6 TYPICAL HEAD/SILL DETAIL
NO SCALE



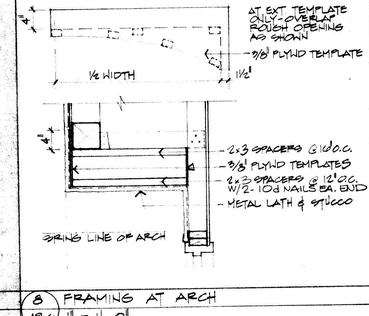
11 A9.6 DOOR HEAD DETAIL
NO SCALE



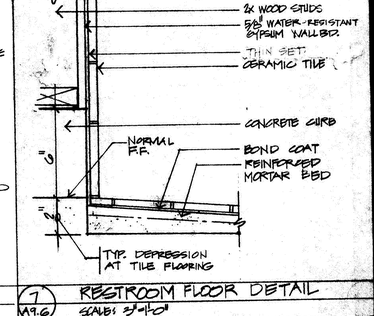
10 A9.6 DOOR JAMB DETAIL
NO SCALE



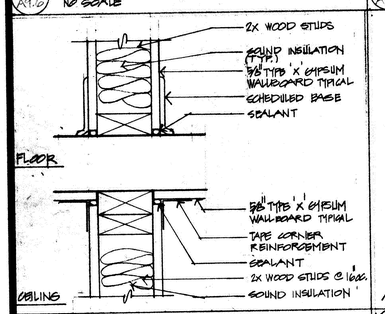
9 A9.6 TYPICAL DOOR JAMB
NO SCALE



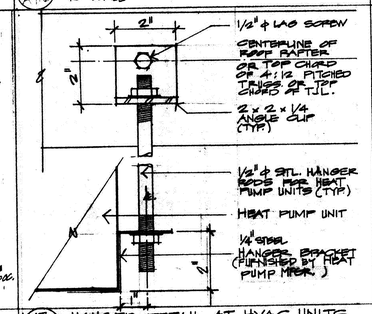
8 A9.6 FRAMING AT ARCH
1" = 1'-0"



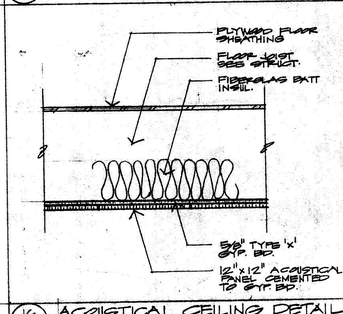
7 A9.6 RESTROOM FLOOR DETAIL
SCALE: 3" = 1'-0"



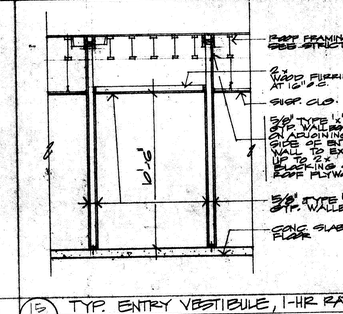
18 A9.6 SOUND CONTROL DETAILS
3" = 1'-0"



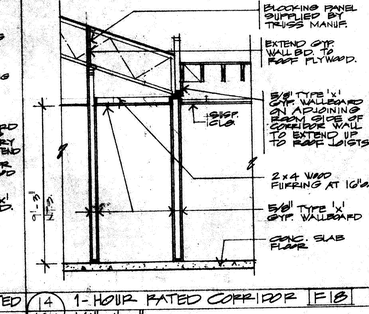
17 A9.6 HANGER DETAIL AT HVAC UNITS
NO SCALE



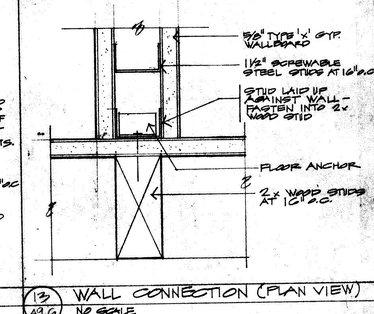
16 A9.6 ACOUSTICAL CEILING DETAIL
1½" = 1'-0".



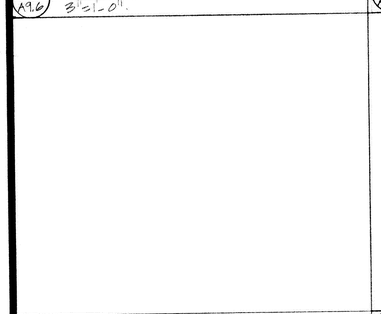
15 A9.6 TYP. ENTRY VESTIBULE, 1-HR RATED
1/4" = 1'-0".



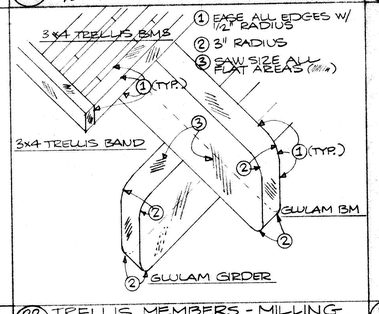
14 A9.6 1-HOUR RATED CORRIDOR F18
1/4" = 1'-0".



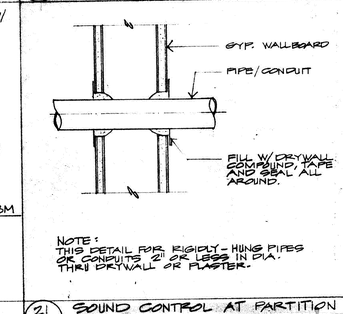
13 A9.6 WALL CONNECTION (PLAN VIEW)
NO SCALE



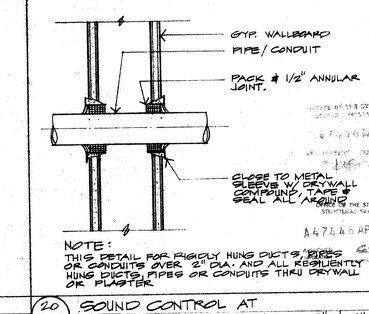
23 A9.6 GRAB BAR DETAIL
HALF SIZE



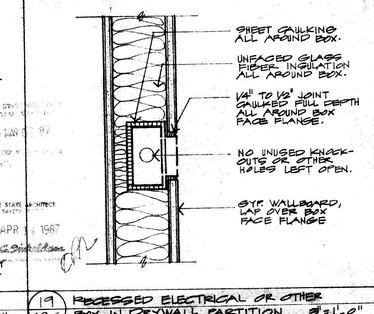
22 A9.6 TRELLIS MEMBERS - MILLING
NO SCALE



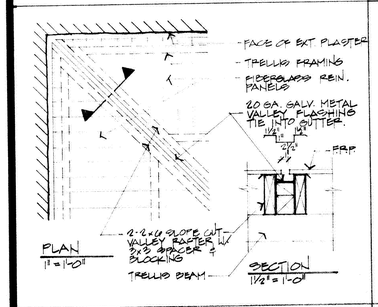
21 A9.6 SOUND CONTROL AT PARTITION PENTRATIONS
3" = 1'-0"



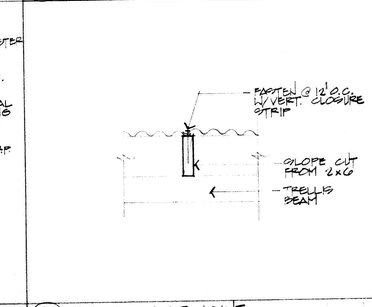
20 A9.6 SOUND CONTROL AT PARTITION PENTRATIONS
3" = 1'-0"



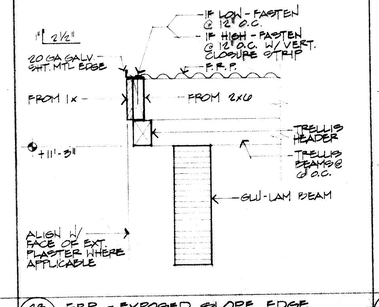
19 A9.6 RECESSED ELECTRICAL OR OTHER BOX IN DRYWALL PARTITION
3" = 1'-0"



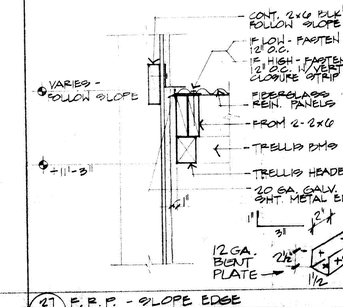
30 A9.6 FRP - VALLEY DETAIL
AS NOTED



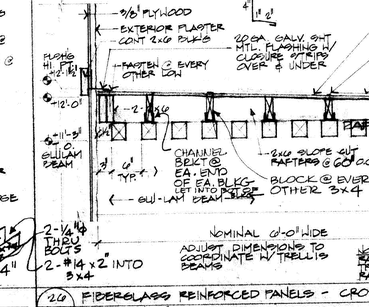
29 A9.6 F.R.P. - LAP JOINT
1½" = 1'-0"



28 A9.6 F.R.P. - EXPOSED SLOPE EDGE
1½" = 1'-0"



27 A9.6 F.R.P. - SLOPE EDGE
1½" = 1'-0"



26 A9.6 FIBERGLASS REINFORCED PANELS - CROSS SECTION
1½" = 1'-0"

REVISIONS

DRAWN
CHECKED
CHECKED

MISC. INTERIOR & EXTERIOR DETAILS

MIRACOSTA COLLEGE
SAN ELIJO CENTER PHASE ONE BUILDINGS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

A9.6

DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

98709

A35N & 2x6 STUDS
A55N & 2x6 STUDS
A54N & 8x4 STUDS

DOUBLE TOP PLATE
4-16d
HEADER
SEE S/ARG
2-2x CONT. STUDS (TYP.)
2x TRIMMER SEE SCHEDULE.
+STUD
FOR ARCHED & RECTANGULAR OPENINGS REFER TO ARCH. ELEVATIONS.
A34N, A35N SEE NOTE ABOVE
1A

FRMG TO PARALLEL EXT. WALL DITTO
AT ROOF JST PERPENDICULAR TO WLS LAP 2x4 STRAP AS TYPICAL OF EXT. WALLS
BLKG OR CONT. RAFR JST.
4-10d/BLK.
JOIST OR FRMG TO TRUSS
A35
A34
L2x BLK.
AT JST OR TRUSS
T&B STRAP
AT T/W'S
1B
9/16" PLYWD HDR. SEE ROOF PLAN
8d@4"
B.N.
2-16d/STUD
SEE HDR SCHED FOR HDR. STUDS
SEE ARCH. ELEVATIONS
A34 TOP & BOTT.
2x SILL ON 3/4" DRYPACK
GONG. CURED
1D
1A

3-10d/BLK.
H2 EA STUD
2x6 BLK
1C

EXT. WALL STUD
SEE FDN PLANS FOR POST
SEE SCHED FOR TRIMMER STUDS
2x4 CONT.
3-2x4 CONT. VERT.
2x4
HDR. ABOVE
3 EXT. WALL STUDS
EXT. WALL STUDS
1D

HEADER SCHEDULE

OPENING WIDTH	BEAM SIZE	TRIMMER	REMARKS
2x6 BEARING WALLS			SEE ROOF FRAMING PLANS FOR SPECIAL CONDITIONS NOT TYPICAL OF THIS SCHEDULE
6'-5" OR LESS	6x6	1-2x6	
6'-6" TO 9'-6"	6x10	1-2x6	
9'-7" TO 11'-6"	6x12	2-2x6	
11'-7" TO 16'-0"	6x14	2-2x6	
2x4 BEARING WALLS			
LESS THAN 6'-0"	4x10	2-2x4	
6'-0" TO 8'-0"	4x12	2-2x4	
NON-BEARING WALLS			
HEADER DEPTH			
LESS THAN 4'-1"	4"	1-2x4	
4'-1" TO 8'-0"	6"	2-2x4	

LOCATION	APPEARANCE (PER AITC 110)	USE	LUMBER	COMBINATION SYMBOL
Roof beams	Industrial	Dry	D.F	- 24F-V4
Lintel beams in exterior walls	Industrial	Dry	D.F.	- 50F-LI
Trellis beams and girders	~~ARCHITECTURAL~~ CLEAR ALL HEART	Wet	CALIF REDWOOD	SEE SPECS FOR DESIGN VALUES

b. Manufacture and fabrication of structural glued laminated timber shall be in accordance with UBC Standards No. 25-10, No. 25-11, and section 2-2511 of Title 24.

c. All glued laminated timber shall be continuously inspected during fabrication by a glue fabrication inspector approved by the Office of the State Architect per the requirements of section 2-2519 of Title 24. An AITC Certificate will not meet this requirement.

d. Provide tension laminations for all cantilever beams. SEE (7 S1.1)

e. All weather exposed surfaces of glued laminated timber shall be protected as required by the specifications.

11. Prefabricated wood trusses:

a. The fabrication of trusses constructed of wood and metal members or with wood members using light metal plate connectors shall be continuously inspected by a qualified inspector approved by the Office of the State Architect. Conform to requirements in section 2-2519C of Title 24.

b. Prefabricated wood trusses shall have a current ICBO Report approved by the Office of the State Architect. Conform to all requirements of the report and as specified by the Office of the State Architect.

12. Powder driven fasteners shall be Hilti DN or equal. Fasteners shall have a current ICBO Report approved by the Office of the State Architect. Conform to manufacturer's requirements and the Office of the State Architect' requirements for installation.

TYPICAL FRAMING @ INTERIOR AND EXTERIOR WALLS

1 S1.1

SEE (2 S1.1) FOR BLK'G NAILING
SEE ARCHITECTURAL PLANS, WINDOW AND DOOR SCHEDULES, AND ELEVATIONS TO DETERMINE ROUGH OPENING SIZE.
BOUNDARY NAILING TO TOP ⌘
NO PLY SPLICES @ JAMBS
BOUNDARY NAILING STAGGD TO DBL STUDS @ HOLDDOWNS
BOUNDARY NAILING STAGGD TO DBL STUDS @ HOLDDOWNS
BLK ALL PLYWOOD EDGES & EDGE NAIL
DBL STUDS EA SIDE OF OPENING
EDGE NAIL
INTERMEDIATE NAILS
4'-0" MAX.
(2 S1.1) STUD HOLDDOWN SEE FDN PLAN
HOLDDOWN OF HD9 OR LARGER SHALL ATTACH TO A 4x VERT. MEMBER. MIN.
BOUNDARY NAILING
ANCHOR BOLTS- SEE SCHEDULE HEREON & (1 S1.2) FOR ADDITIONAL ANCHOR BOLT AND HOLDDOWN DETAILS SEE (2 S1.2)

NOTE

1. WHERE EDGE NAIL'G IS CALLED OUT LESS THAN 3"o.c. BLK'G & STUDS SHALL BE 3x MEMBERS
2. NAIL PLYWOOD PER SCHEDULE.
   "B" DESIGNATES BOUNDARY NAILING
   "E" DESIGNATES EDGE NAILING
   "I" DESIGNATES INTERMEDIATE NAILING
3. WHERE PLYWOOD IS CALLED FOR ON BOTH SIDES OF A WALL, 3X STUDS ARE REQUIRED

SHEAR WALL SCHEDULE

MARK	PLYWOOD	NAIL	"B"	"E"	"I"	ANCHOR BOLTS
1	3/8"	8d	3"	3"	12"	3/4"ø x 12" @ 1'-4"
2	3/8"	8d	6"	6"	12"	5/8"ø x 12" @ 4'-0"
3	3/8"	8d	4"	4"	12"	5/8"ø x 12" @ 2'-8"
4	3/8"	8d	4"	4"	12"	5/8"ø x 12" @ 2'-8"
5	3/8"	8d	6"	6"	12"	3/4"ø x 12" @ 2'-8"
6	1/2"	10d	4"	4"	12"	3/4"ø x 12" @ 1'-4"

NOTE: TWO ANCH. BOLTS MIN. PER WALL

TYPICAL SHEAR WALL

2 S1.1

BLKG'G SPLT OVER IS ITS LENGTH SHALL BE REPLACED BY BLK'G
2x4 BLKG
TOE NAIL 4½-10d
ROOF JOISTS OR TRUSSES- SEE ROOF FRAMING PLANS FOR SIZE & SPACING
JOIST
PLAN VIEW
FACE GRAIN OF PLYWOOD
INSTALL SHEETS WITH BLOCKING AT EDGES PERPENDICULAR TO JOISTS.
PLAN VIEW

ADD ROW OF BLK'G AT BLDG. E AND F
6-5/8"ø x 6" LAG SCREWS EA SIDE
1/8" PLATE
2x EDGE JOIST
4'-0"
SEE SCHEDULE FOR NAILS ON EACH SIDE OF SPLICE
2-2x STUDS EA SIDE OF RIDGE FOR DETAIL AT SILL SEE (2 S1.2)
2" 2 ROWS 16d @ 2"o/c
1/8" PLATE
2" 2 ROWS 16d @ 2"
2x JOIST
2x RIM JOIST
A TYPICAL PLATE SPLICE (OPTIONAL SPLICE)

7" ER. SIT. BOLTS
UPPER R. SPLICE
2x TOP PLATE NOW IN SPLICE
2' 2 ROWS OF 16d EA. SIDE
UPPER R. SPLICE
4'-0" BOLTED SPLICE SEE SCHEDULE FOR NUMBER OF BOLTS
NO SPLICING OF LOWER R. PERMITTED IN THIS LENGTH
4'-0" NAILED SPLICE SEE SCHEDULE FOR NUMBER OF NAILS
4'-0" NAILED SPLICE SEE SCHEDULE FOR NUMBER OF NAILS
VERT STUD @ EA SPLICE
B (ALL WALLS SHOWN ON STRUCTURAL DRAWINGS)

SPLICE SCHEDULE								
BUILDING	A	B	C	D	E	F	M	REMARKS
#OF 16d COMMON NAILS	125	36	17	17	31	56	31	
#OF BOLTS	-	-	-	-	5-3/4"	6-1/4	5-3/4"	USE BOLTED SPLICE AT DETAIL (B) FOR BUILDINGS E, F + M. USE 3x Top PLT. BLK'G

3-2x6 JAMB STUDS FOR NAILING & LAGS TO GLU-LAM BM & BLKING
SEE (6B S1.1)
H1.38 w/ 2-5/8"ø x 4" LAGS
4 2-5/8"ø x 4" LAGS
6x HDR.
3/4" = 1'-0"

SPACING OF END JOINTS IN GLU-LAM BMS

L/2
1/8 BM. DEPTH + ONE LAMINATION
1/8 L
3/4 L MIN.
L (SIMPLE SPAN)
CANT. L≤1'-0"
SIMPLE SPAN BEAM
1/8 BM. DEPTH + ONE LAMINATION
7/8 L
L
CANT. L≤1'-0"
BEAM W/ ONE END CANTILEVERED
1/8 BM. DEPTH + ONE LAMINATION
CANT. L≤1'-0"
3/4 L
BEAM W/ BOTH ENDS CANTILEVERED
INDICATES PORTION(S) OF BM. WHERE THERE SHALL BE 0" MIN. END JOINT SPACING IN ADJACENT LAMINATIONS: PER VOLUNTARY PRODUCT STANDARD PS 56-73
7 S1.1

TYPICAL ROOF SHEATHING

3 S1.1

ROOF JOIST OR TRUSS
2x6 BLKG. EA SIDE OF RDG.
ST12
EDGE NAILING OF PLYWOOD AT PERIMETER OF DRG.
HHU2 JOIST DEPTH - 2 (TYP.)
5B AT SKYLIGHTS
BOUNDARY FRAMING SHALL BE SAME SIZE AS ADJACENT JOISTS. USE 2-2x6 PERPENDICULAR TO TRUSSES
ST12
5C SKYLIGHTS
BOUNDARY FRAMING SHALL BE A MINIMUM OF: 2 ROOF JOISTS/TRUSSES EACH EDGE OR ONE ~~HALF~~ MORE THAN 1/2 THE NUMBER OF INTERRUPTED MEMBERS

ADD A 2x6 BLOCK WHERE SHAFT END IS CLOSEST TO BRT ROOF JOISTS
EXBLOCKING
10d@4"
TS12
2-2x4 @ 48" w/ 2-10d @ EA END
2x4 @ 16"
2x4 CONT.
HU2 (JOIST DEPTH) @ EA ROOF CJST
H2.5 @ 16"
2x4 @ 48" w/ 2-10d @ EA END
LINE OF DROPPED CEILING
5B
ST12
10-#4 OUTSIDE STRAP NAILING
2-2x BLKG w/ F2 HANGER EA END
H2.5 @ 16"
2x4 @ 48" w/ 2-10d @ EA END
2x4 @ 16"
2x4 CONT.
5C
TYPICAL ROOF OPENING
5 S1.1

ROOF JOIST OR TRUSS
2x6 BLKG. EA SIDE OF RDG.
HU2 JOIST DEPTH - 2 (TYP.)
5B AT SKYLIGHTS
ST12
5C SKYLIGHTS
BOUNDARY FRAMING SHALL BE SAME SIZE AS ADJACENT JOISTS. USE 2-2x6 PERPENDICULAR TO TRUSSES
BOUNDARY FRAMING SHALL BE A MINIMUM OF: 2 ROOF JOISTS/TRUSSES EACH EDGE OR ONE ~~HALF~~ MORE THAN 1/2 THE NUMBER OF INTERRUPTED MEMBERS

TYPICAL PLATE SPLICE (OPTIONAL SPLICE)

4 S1.1

3/16" TOP OF GIRDER = TOP OF BUILDING
1½" 7" 7" 1½"
GIRDER
1/8" PLYWOOD
2-2x4 CONT
2x4 @ 16"
2x4 CONT
¾" DRYPACK
8"
8½" CLR. (TYP.)
16" SQ. CONC. PIER 1'-0" ABOVE GRADE 0" ABOVE PAVING
#4 EA. CORNER
2'-6" SQ.
8"ø x 5" x 1'-8" TOP & BOTTOM PL
1" ø BOLT THRU T & GLB
#3 @ 5"
TS 5 x 5" x 3/16"
#3 EA. SIDE @ 5"
#3 @ 5"
3/8"ø x 8" EQ. CENTER ON TUBE

TRELLIS FRAMING DETAILS

2x6 BLKG 3 BAYS EA SIDE OF GLU-LAM
NAIL EXT. PLY SHTG TO BLKG w/ 8d @ 4"
10d @ 6"
BLKG
H2
2-BAYS 2x BLKG w/ ABSN EA END
ROOF JOIST OR TOP CHORD OF PRE-MFGR TRUSS
ROOF
STUD
2x6 BLOCKING 3 BAYS EA SIDE w/ 2-10d EA END OF BLKG
NAIL EXT. PLYWD SHTG TO BLKG w/ 8d @ 4"o/c
5/8"ø x 18" GLU-LAM
POCKET
ABSN
3-2x JAMB STUDS - EACH SIDE NAIL w/ 16-10d @ 24"
'X-X'
SILL
3/4" = 1'-0"

'X-X'
2x6 BLKG 3 BAYS EA SIDE OF GLU-LAM
NAIL EXT. PLY SHTG TO BLKG w/ 8d @ 4"
10d @ 6"
BLKG
9-16d EA SIDE
8-1/4" x 4" LAGS @ EA SIDE GLU-LAM
3-2x JAMB STUDS - EACH SIDE NAIL w/ 16-10d @ 24"
'X'
3/4" = 1'-0"

2x6 BLKG 3 BAYS EA SIDE OF GLU-LAM
2-5/8"ø BENT PL 3'-6" x 1'-0" BA. SIDE
2-5/8"ø BOLTS EA SIDE
5/8"ø x 15" GLU-LAM
6x6 HDR
NOTCH BEAM SEE FRMG PLANS
'Y-Y'
3/4" = 1'-0"

10d @ 6" FLY SHTG TO TOP CHORDS OR JOIST
TJI® SINGLE TRUSS OR JOIST SEE ROOF FRMG PLANS
ABSN
2-2x6 PT NO SPLICE PERMITTED EXCEPT AS SHOWN ON ROOF FRMG PLAN AND SHT S5.1
H1.38 w/ 1-5/8"ø BOLT EA LEG
5½"
FOR BM. POCKET & SILL CONN. SEE
3/4" = 1'-0"

NOTE: ALL TRELLIS HARDWARE SHALL BE GALVANIZED

LATTICE FRAMING 3x4 @ 2'-6" o.c. w/ 1-#4 x 5" PHILLIPS H.W.S. EA. 3x4
5½" x 15" GLU-LAM
3x4 CONT.
2-#14 x 3½" PHILLIPS H.W.S.
3x4 @ 6"o/c
5½" x 15" GLU-LAM
E SPLICE @ CTR. OF BM. AS NEEDED
#4 x 5" PHILLIPS H.W.S EA. 3x4
2x6 BLOCKING 3 BAYS EA SIDE OF BM w/ 2-10d EA END OF BLKG
NAIL EXT. PLYWD SHTG TO BLKG w/ 8d @ 4"o/c
5½" x 15" GLU-LAM
6x - HDR.
3/4" = 1'-0"

AT (6J S1.1) ROOF PORTION SAME AS AT (6B S1.1)
AT (6K S1.1) ROOF PORTION SAME AS AT (6B S1.1)
3-2x6 JAMB STUDS FOR NAILING & LAGS TO GLU-LAM BM. SEE (6B S1.1)
H1.38 w/ 2-5/8"ø x 4" LAGS BA. LAG
6x - HDR.
3/4" = 1'-0"

NOTE: SEE (22 S2.1) FOR ROUNDED EDGES OF TRELLIS FRAMING. TRELLIS FRAMING SHALL APPLY TO SWAY SAIL FOR BUS SHELTER.

(6F S1.1) (6G S1.1) (6H S1.1) (6J S1.1) (6K S1.1)

A47446 APR 14 1987
APPROVED: C. Sinkeldam RL

MiraCosta College, San Elijo Center

GENERAL NOTES

These general notes are excerpted from the specifications for general information only.

GENERAL

1. All work shall conform to the requirements of Title 24 of the California Administrative Code, 1985 Edition.
2. Report discrepancies that would prevent conformance to the drawings and specifications before starting the work.

EARTHWORK AND FOUNDATIONS

1. Foundation design is based on the recommendations contained in Soils Investigation, No. 84-11-24A, dated January 4, 1985 and prepared by Benton Engineering Inc. & letter dated Dec. 2, 1985.
2. Allowable soil bearing values 1'-0" below the final compacted ground surface are: (native silty fine to medium sand)

   1,500 psf for continuous footings
   2,000 psf for isolated pads at least 2'-0" square (+)
3. Remove existing soils in the proposed building areas to a depth of ~~start~~ 6'-0" below the existing ground surface and also to 5'-0" minimum below the proposed finished subgrade or to at least twice the width of any footing beneath the footing if this requires a greater depth of removal. (Item(s) has been ~~has~~ been performed under application 47094)
4. The removal should extend beyond the perimeter of the buildings a horizontal distance of 5 feet plus a horizontal distance equal to the depth of removal below proposed subgrade. Prepare, fill, and recompact the subgrade in accordance ~~with the soil report~~ specifications.
5. Excavations shall be inspected and approved by Benton Engineering before reinforcing is placed in the footing.

CONCRETE

1. Concrete shall have minimum ultimate compressive strength at 28 days and unit weights as follows:

Footings	3,000 psi	150#/cf
Slabs on grade	2,000 psi	150#/cf
2. Reinforcing steel shall conform to ASTM A615, Grade 60.
3. Testing and inspection of concrete and reinforcing shall conform to Section 2-2628 of Title 24.
4. Bar splices shall be as shown on the drawings, except bars marked continuous, which may be lap spliced in convenient lengths. Unless otherwise indicated, the length of lap shall be 50 bar diameters minimum.
5. Wire mesh shall conform to ASTM A185.
6. All concrete reinforcement shall be fabricated and placed in accordance with ACI 315 and ACI 318.
7. Clear spacing between reinforcing bars shall be a minimum of 1-1/2 bar diameters, 1-1/2", or 1-1/3 times the maximum aggregate size, whichever is greater.
8. Reinforcing shall have the following minimum protective cover of concrete unless otherwise noted:

a. Concrete poured against ~~the ground~~.	3"
b. Formed concrete surfaces in contact with ~~the~~ ground.	2"
c. Formed concrete surfaces exposed to weather	1-1/2"
d. Formed concrete surfaces in interior spaces	3/4"
9. No openings for pipes, conduit, etc. shall be made in concrete without the approval of the structural engineer ~~except as shown on drawings~~. (S8. S1.2)
10. Construction joints shall be located as shown on the drawings. Surfaces at construction joints shall be clean, free of laitance, ~~and~~ mechanically roughened per the requirements of Section 2-2606 of Title 24.

FOR CONTINUATION OF NOTES FOR THIS SECTION SEE SHT. S2.1

STRUCTURAL STEEL

1. All rolled shapes and plates 1/4 inch and greater in thickness shall conform to ASTM A36.
2. Steel pipe shall conform to ASTM A53, Grade B.
3. Square and rectangular tubing shall conform to ASTM A500, Grade B.
4. Bolts shall conform to ASTM A307.
5. Welding shall be performed by certified welders using AWS A5.1 E70XX electrodes. All welding shall be continuously inspected by a special inspector approved by the Office of the State Architect. Welder qualification requirements, welding procedures, and welding electrodes shall conform to UBC Standard No. 27-6.
6. Plates and straps less than 1/4 inch in thickness shall be fabricated from steel with a minimum yield of 33,000 psi.
7. No welded splices ~~of plates, rolled shapes, tubes and pipes~~ shall be made unless shown on the drawings.

ROUGH CARPENTRY

1. All lumber shall be ~~Douglas Fir~~, graded and grade stamped in accordance with Standard Grading Rules No. 16 of the West Coast Lumber Inspection Bureau. ~~All calif redwood shall be graded & grade stamped in accordance with std. specifications~~

USE	GRADE	LUMBER
Studs, Plates, Joists, Blkg. and Posts 2" to 4" thick, 2" to 4" wide	No. 1 Structural Light Framing, Para. 124-g.	D.F.
Studs, Plates, Blkg. and Posts 2" to 4" thick, 5" and wider	No. 1 Structural Joists and Planks, para. 123-b.	D.F.
Joists and 2x8 studs for walls 2" to 4" thick, 5" and wider	No. 1 Structural Joists and Planks, para. 123-b.	D.F.
Beams and Stringers 5" and thicker, width more than 2" greater than thickness	No. 1 Structural Beams and Stringers, para. 130-b.	D.F.
Posts - 5" x 5" and larger, width not more than 2" greater than thickness	No. 1 Structural Posts and Timbers, para. 131-b.	D.F.
LATTICE FRAMING, 2-4" THICK, 2-4" WIDE	SELECT HEART, CLOSE GRAIN PER PARAGRAPH 118.	

2. Plywood shall be softwood plywood with exterior glue conforming to Product Standard PS 1-83, Structural I. ~~Grademark any exposed plywood faces shall be identified by the trademark of an approved grading agency.~~
3. Provide blocking for stud walls as shown on the drawings.
4. Provide blocking at 10'-0" on center for roof joists and 8'-0" on center for floor joists deeper than 8". Blocking shall be 2 inches nominal and the full depth of the member.
5. Nailing for all connections not specifically noted shall conform to Table 2-25P of Table 24 of the California Administrative Code. SEE SHT. S2.1
6. Holes in wood for bolts shall be drilled same size as the bolt diameter. All bolts shall have cut washers between the wood and bolt head, and between the wood and the nut. Holes in wood for lag and wood screws shall conform to UBC Standard No. 25-17. Cut washers shall be provided under heads of lag screws. ALL WOOD SCREWS BEARING UPON METAL SHALL BE ROUND HEADS. FLAT HEADS MAY USED AT WOOD TO WOOD CONNECTIONS.
7. Installation of bolts, lag screws and wood screws shall conform to UBC Standard No. 25-17.
8. Framing connections shall be Simpson "Strong Tie" of the catalog designations indicated or ~~Steelform~~. A nail of the size designated in the catalog shall be provided in each hole unless alternate bolting is noted on the drawings. All connectors detailed for bolts shall have detailed bolts installed.

~~9. The installation of all timber connectors shall be continuously inspected by a qualified inspector approved by the Office of the State Architect.~~

10. Glued laminated members:

   OR REDWOOD

   a. Glued laminated members shall be Douglas Fir and shall be furnished as follows:

KARIOTIS & ASSOCIATES
Structural Engineers
711 MISSION STREET, D SOUTH PASADENA, CA 91030
(213) 799-8269 (213) 682-2871

MIRACOSTA COLLEGE
SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN JK/JK
CHECKED M.K.
CHECKED

ARCHITECT C-13559 REGISTRATION

GENERAL STRUCTURAL NOTES, SCHEDULES & TYPICAL DETAILS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

S1.1
DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

98709

WHERE SILL IS NOTCHED OR DRILLED MORE THAN 1/3 ITS WIDTH PLACE BOLTS AS SHOWN

SPLICE — SEE SHEAR WALL SCHEDULE FOR SILL BOLT SIZE & SPACING

PLAN

2x BLKG — 2-16d EA END EA BLK — STUD — SILL — SILL BOLT

ELEVATION

WHERE SILL BOLT INTERFERES W/ STUD

1 S1.2 TYPICAL SILL BOLTS

BOUNDARY NAILING (2 S1.1)

EXTERIOR SHEATHING

CORNER — 2-2x TRIMMER — HOLDOWN — B.N. — 16d @ 6"

INTERSECTION — INTERIOR SHEATHING

CORNER — HOLDOWN — POST - SEE PLAN — B.N. — 16d @ 6"

EDGE — 1/2" — HOLDOWN

STAGGER BOUNDARY NAILING ON HD STUDS — HD-6 SEE ECHED. — FIRST BOLT OF HOLDOWN SQUARE WASHER SAME SIZE AS BOLT — ELEVATE HOLDOWN TO CLEAR INTERFERING EXTERIOR CURB — 2" MIN. — 7" MAX. — 4-2x STUDS @ RIDGE — FACE OF POST OR BUILT-UP STUD — HOLDOWN SHOWN ON PLAN — STD. WASHER — SILL — ANCH. BOLT (A.B.) SEE SCHED. FOR SIZE MIN. EMBEDMENT 1'-8" — WASHER 3/8" x 3" SQ. — HEAD

HOLDOWN SCHEDULE					
MARK	BOLT DIA.	A.B.	X	Y	Z
HD-2	2-5/8" ø	3'-6" ±	1'-6"	2 1/2"	4 1/2"
HD-3	2-3/4" ø	3'-6" ±	2'-0"	3 1/2"	5 1/2"
HD-5	3-3/4" ø	1'-4"	2'-6"	3 1/2"	5 1/2"
HD-7	3-7/8" ø	1'-8" ±	2'-6"	3 1/2"	5 1/2"
HD-9	5-1" ø	1'-8" ±	2'-6"	4"	7"
HD-12	4-1" ø	1'-8" ±	2'-6"	4"	7"
HD-15	5-1" ø	1'-8" ±	2'-6"	4"	7"

2 S1.2 TYPICAL HOLDOWN

5/8" U.O.N. ON BLDG E & F — CONST. JT. — EDGE OF SLAB — EXTERIOR — VARIES SEE ARCH PLANS — LIMITS OF EXTERIOR PLYWOOD — CONST. JOINT — PLAN — CORNER LOCATION

PLYWOOD NOT REQ'D IN RECESS AREA — INTERIOR — 5/8" U.O.N. ON BLDG E & F — SEE ARCH. PLANS FOR LOCATION OF DOORS OR WINDOWS — OMIT CURB @ DOORS ONLY — VARIES — SEE ARCH PLANS — INTERIOR — EDGE OF SLAB — CONST JOINT — EXTERIOR — CONC CURB — PLAN — INTERMEDIATE LOCATION

3 S1.2 TYPICAL RECESSED DOORS OR WINDOWS

SLOPE 1/8"/1' — FOR ETG. REINF. SEE SECTIONS BB.1 — b-b

EXTERIOR — 5/8" VARIES — 5/8" ø x 12" A.B. @ 4'-0" ± MIN. PER WALL — #3 CONT 3/4" DEV. INTO BRICK — INTERIOR — 2 x 4 @ 16" — #3 @ 24" — c-c

4 S1.2 TYPICAL SLAB JOINTS

#3 @ 2'-8" EA. WAY — SAWCUT OR TOOLED GROOVE — CONTROL JOINT

#3 @ 1'-8" EA. WAY — 6" — 6" — 2"x 3" KEY WAY — 4" — CONSTRUCTION JOINT

1. JOINT SPACING SHALL BE 25'-0" MAX.
2. MAXIMUM AREA OF SLAB BETWEEN JOINTS SHALL BE 625 SQ. FT.

EXTERIOR — INTERIOR — d — 1'-0" — 5 1/2" — 2x4 NON BEARING STUDS — PLAN — INTERMEDIATE LOCATION — 2x4 NON-BEARING STUDS — PLAN — CORNER LOCATION

SEE ARCH (7 A9.1) — 2x4 @ 16" — 2x6 @ 16" — 3/4" DRYPACK — 5/8" ø x 12" A.B. @ 4'-0" ± 2 MIN. PER SILL — G EXT PAVING — G SOIL — d-d (4 S2.1)

5 S1.2 TYPICAL @ RECESSED WINDOWS W/ THICKENED SILL.

ALTERNATE BENDS — L — 15" MIN. — STD. HOOK — *3 VERT @ EA. CORNER OR INTERSECTION — 5" MIN. — INTERMEDIATE BAR IS CONT. THRU JT. — STD. HOOK — DOUBLE OR TRIPLE CURTAIN OF STEEL — SINGLE CURTAIN OF STEEL

L = 55 BAR DIA. IN CONCRETE

6 S1.2 @ FOOTING OFFSETS

SAME SIZE & SPACING AS FOOT'G REINF — 55 BAR DIA. — 55 E.F. DIA. — 5" CLR. — 2 x RISE — 55 BAR DIA. LAP — 5" SLOPE 1:1 MAX. — D

7 S1.2 TYPICAL STEPPED FOOTING

TRENCH — 1'-6" MIN. — SLEEVE — 4" MIN. — BOTTOM OF SLAB — 4" MIN. — 5'-0" MAX. — 9" MIN. — CONC FILL — CONC FILL

NO PIPE TRENCH EXCAVATION ALLOWED BELOW THIS LINE

1. CONC FILL TO BE SAME WIDTH AS FOOT'G & FULL WIDTH OF PIPE TRENCH
2. PIPE TO CLR SLEEVE BY 1/2"

8 S1.2 TYPICAL TRENCH

55 BAR DIA — SPLICE OR CONT — 5" — d — SEE SECTIONS BB.1

FORM KEY W/ 2x6 USING 45° BEVEL USE 2 KEYS IF 18" IS MORE THAN 18"

d-d — ELEVATION

9 S1.2 TYP. FOOTING CONST. JOINT

TYPICAL REINFORCING AT CONCRETE FOOTINGS AND CURBS

A34 EA. END — 4-10ø — 2x10 BLK — 2-10ø EA END — 2x10 BLKG @ 4'-0" — A34 EA END 2x10 — 2-4 @ 4'-0" — 2-4 EA SIDE OF 2-10 (4 TOTAL) — 2-16ø

3-10ø BLK — 2-16ø — 2-4 BLK — DTG.

2-4 x 10" @ 4'-0" W/ 2-16ø TO JST OR TRUSS — 2x BLKG BETW. JSTS W/ 2-16ø TO TOP JST — 2-2x TOPPERS — BOTT OF JOISTS OR TRUSS CHD

6 S1.2

TOP PLATES — HILTI GX 5 P8 DN 72 POWDER DRIVEN FASTENERS @ 2'-8" FASTENER SHALL BE PLACED 6" FROM END OF SILL — 2x SILL — 2x6 16 — 4'-0" — 11A — #3 CONT — 5/8" ø x 12" A.B. @ 4'-0" ± CURBS. POWDER DRIVEN FASTENERS ARE NOT PERMITTED WHERE PARTITION RESTS ON CONC. CURBS — SILLS

11 S1.2 TYPICAL NON-BEARING PARTITIONS

FOR DETAILS AT END OF RUNNERS & CROSS FURRING SEE (d)

NOTE: AT SUSP. GYP. BD. OR PLASTER CLGS. PROVIDE 8 GA. VERT. WIRES @ 1 1/8" x 1.12 #/FT. H.R. CHANNEL RUNNERS @ 4'-0" o.c. W/ 1"x 0.462 #/FT H.R. CHANNEL CROSS FURRING @ 1'-4" o.c.

90° TYP. — CROSS RUNNERS @ 2'-0" o.c. — MAIN RUNNER @ 4'-0" o.c. — #12 GA. SUSPENSION WIRE @ 4'-0" o.c. ALONG MAIN RUNNER SEE (a) — SPLAYED BRACING @ 12'-0" o.c. EA WAY WITHIN 2' OF CROSS-RUNNER INTERSECTION SEE (b) — STUD WALL — 6'-0" MAX TO SPLAYED BRACING — SUPPORT FOR LIGHTING FIXTURES SHALL CONFORM TO SEC. 2-47.1813 OF THE STATE BLDG CODE, TITLE 24 — PLAN

12 S1.2 TYPICAL SUSPENDED CEILING

5/16" ø x 2 1/4" SCREW EYE — e — 2x4 BLK. CONT. PAST TWO WEB PNS FOR SUSP. PIPE & OPEN WEB JST — #14 x 2 1/2" W.S. — 4 TIGHT TURNS TOP & BOTTOM TYPICAL — #12 GA WIRE ATTACH TO MAIN RUNNER — 1/2" ø STD PIPE W/ FLATTENED ENDS 45° MAX. — #14 METAL SCREW — e - e

(b)

5/16" ø x 2 1/4" SCREW EYE — 12 GA. WIRE — NOTE: 3 TIGHT TURNS NOT REQ'D FOR 8 GA WIRE — 3 TIGHT TURNS TOP & BOTT — MAXIMUM PERMISSIBLE OUT OF PLANE SLOPE SHOWN DOTTED

(a)

TRUSS TYPES 1, 3, 4, 5 — 14 OPTIONAL SPLICE — WEB BRACING SEE DETAIL BELOW — 2x6 CONT. BRIDGING @ 12 — 4 EQUAL SPACES — ADD 2x4 FLAT BRACING CONT. BTWN WEBS, NAIL W/ SIMPSON EA HEAD SPLICE W/ MST 27 W/ 2 1/2" ø x 8 EA END @ CONVENIENT LENGTHS — 2x6 CONT. BAR SIZING — R 1851 — B/2 — C/2 — B — C

TRUSS TYPE 2

TRUSS TYPES 6, 8 — 6 EQUAL SPACES — 2x6 CONT. BRIDGING — 2x4 FLAT BRACING — 4 OF 6 EQUAL SPACES

TRUSS TYPE 7

NOTE

1. TRUSSES HAVE BEEN DESIGNED FOR A DEAD LOAD OF 31.5 PSF AND A TOP CHORD LIVE LOAD OF 16 PSF.
2. DEAD LOAD SHOWN IN POUNDS. PRORATE THESE VALUES BY 16/31.5 FOR LIVE LOAD
3. ALL PRESS PLATES SHALL BE 16 GA. GR-40 WITH A MINIMUM YIELD OF 33 KSI. PLATES OCCUR ON EACH SIDE OF EVERY JOINT. PLATES SHALL NOT BE PLACED IN KNOTS, KNOTHOLES OR AREAS OF GREATLY DISTORTED GRAIN
4. ANNULAR TYPE NAILS 1 1/4" IN LENGTH, SHALL BE PLACED THROUGH EACH END OF EACH PLATE TO PREVENT PEELING OF THE PLATE FROM THE WOOD
5. PRESS PLATES SHALL HAVE A CURRENT RESEARCH REPORT APPROVED BY ICBO. ALLOWABLE CONNECTOR VALUES SHALL BE 80% OF THE ICBO REPORT VALUES
6. ALL BUTT JOINTS SHALL BE FULL BEARING.
7. ALL MEMBERS SHALL BE D.F. #1
8. 'T' DESIGNATES TENSION 'C' DESIGNATES COMPRESSION

FOR LOCATION OF INTERSECTING CENTERS OF GRAVITY, SEE SECTIONS ON SHEET S9.1

1 2 3 4 5 6 7 8 9 10 11 12 13

FULL BRNG @ BUTT JT. — 3-16ø — EQ. EQ. — 2-10ø — 1-16ø TOENAIL — 7 1/2" — 1'-3" — 1'-8" — EQ. EQ. — SPLICE — 14

WEB MEMBER — TOP CHORD OPEN WEB JST. — BOTT. CHORD — 3 TIGHT TURNS IN 1 1/2" — 4 TIGHT TURNS IN 1 1/2" — HANGER WIRE @ — RAFTER — 8" MAX — 5/16" x 2 3/4" SCREW BYE W/ 1 1/4" MIN. PENETRATION — HANGER WIRE W/ 4 TIGHT TURNS IN 1 1/2"

WIRE CONNECTIONS FOR WOOD FRAMING

(c)

HANGER WIRE — SPACERS MAY BE SLOTTED ANGLES OR CHANNELS W/ DIAMOND POINTS OF SPRING STEEL WHICH SNAP TIGHT — 8" MAX. OR 1/4 OF LGTH OF END RUNNER, WHICHEVER IS LEAST — 1/2" — 6d RINGSHANK NAILS AT ENDS OF HORIZ STRUTS PLACE W/ HD. TOWARD E OF SPAN OR STRUT — WALL ANGLE

(d)

SUSPENDED CEILING NOTES

(1) Ceiling grid members may be attached to not more than 2 adjacent walls. Ceiling grid members should be at least 1/2 inch free of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free a minimum of 1/2 inch clear of wall.

(2) At the perimeter of the ceiling area where main or cross runners are not connected to the adjacent wall, provide interconnection between the runners at the free end to prevent lateral spreading. A metal strut or a 16 ga. wire with a positive mechanical connection to the runner may be used. Where the perpendicular distance from the wall to the first parallel runner is 12" or less, this interlock is not required.

3. DETAILS ARE SIMILAR FOR SLOPING CEILINGS.

NOTE: HORIZ. BRACING MAY BE LOCATED ON UNDERSIDE OF BOTT. CHORDS WHERE IT INTERFERES WITH DIAG. BRACING & WHERE THERE IS A DROPPED CEILING

HORIZ. BRACING — HL88 W/ 5/8" ø x 3" LAG EA. LEG — HORIZ. BRACING TO WALL

2x4 DIAGONALS SPACED @ 2'-0" L — 2-10ø — 2x4 SPLICE — SLOPING OR VERT WEB MEMBER — NAIL DIAGONALS TO INTERMEDIATE TRUSSES. — WEB BRACING

PLAN AT END WALL — 4x BLKG — 8d @ 4" — 2x4 DIAG. BRACING — 2-10ø — ABSN EA. SIDE — PLY SHTG AT SHEAR WALLS

PLAN AT MIDSPAN OF TRUSS — DIAG. BRACING — HORIZ. BRACING

PLAN AT TRUSS BEARING WALL — TOP PLATES OF BRNG WALL — TRUSS — PLY SHTG AT SHEAR WALLS

BOTTOM CHORD BRACING

13 S1.2 PLANT MANUFACTURED TRUSSES

OFFICE OF THE STATE ARCHITECT — APPROVED — A47445 APR 14 1987 — G. Dinkeldein

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SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN JK JR
CHECKED
CHECKED

ARCHITECT C-3551 REGISTRATION

TYPICAL FOUNDATION DETAILS, TRUSS & CEILING DETAILS

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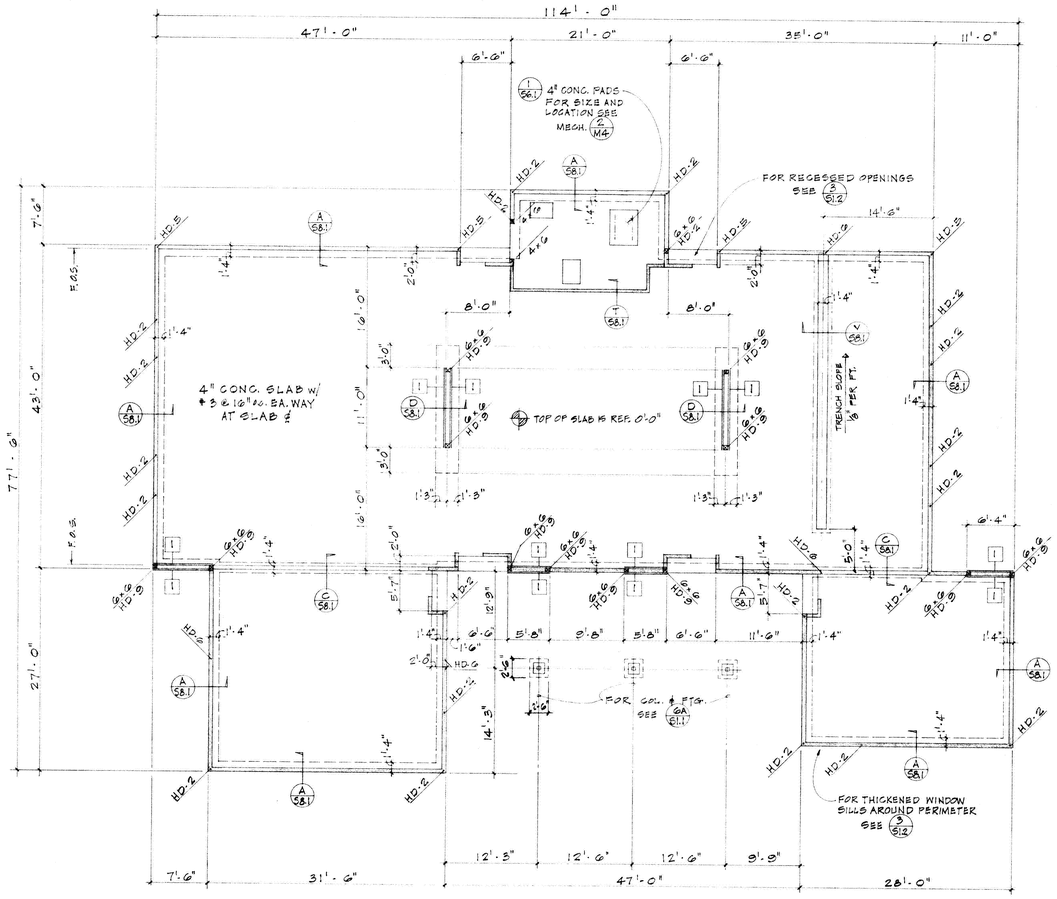
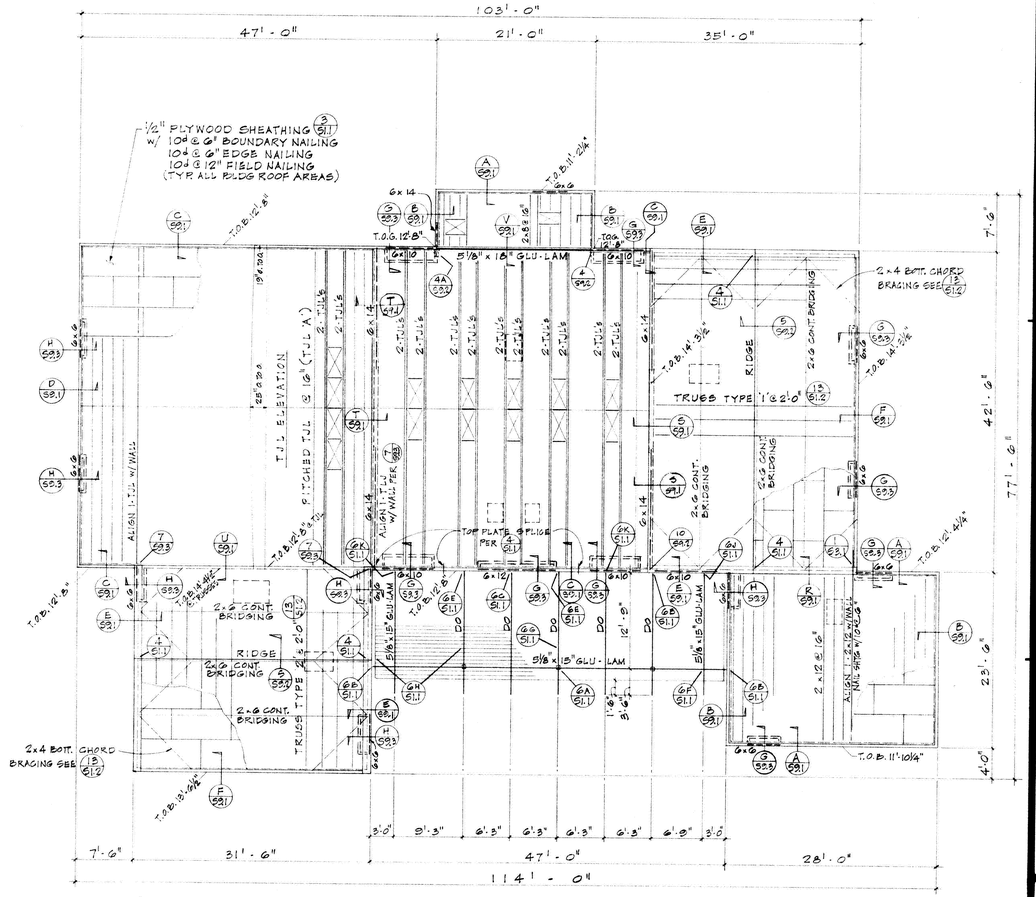
PROJECT MCC #302

S1.2

DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

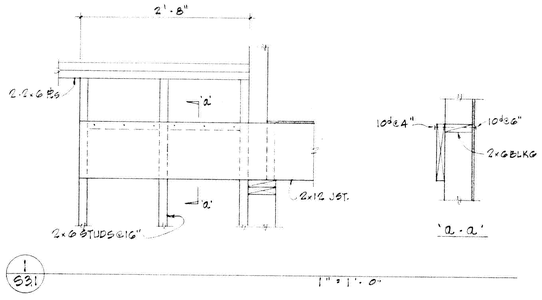




FOUNDATION PLAN - BUILDING 'B'
SCALE 1/8" = 1'-0"

NOTES

1. SHEATH ALL EXTERIOR WALLS WITH 5/8" PLYWOOD, SILL BOLTING AND NAILING PER [2]. SEE SCHEDULE [2] UNLESS OTHERWISE NOTED ON PLAN. (2/S1.1).
2. HD-2 INDICATES HOLD DOWN AT SHEARWALL. SEE (2/S1.1).
3. FORM FOUNDATION PER (5/S1.2)
4. INDICATES CONCRETE CURB.
5. ALL WALL STUDS ARE 2 x 6 @ 16" UNLESS OTHERWISE NOTED.
6. FOR LOCATION OF NON-BEARING WALLS, CURBS AND DEPRESSED SLABS NOT DIMENSIONED SEE ARCH. SHT A3.1.
7. SEE (4/S1.2) FOR TYPICAL SLAB JOINTS.
8. (1) INDICATES 2 x 4 STUDS @ 12" o.c.
9. F.O.S. INDICATES FACE OF STUDS; FOR CONTINUITY WITH TJL LENGTH AS SHOWN ON TJL DRAWING # 10-6-8824



ROOF FRAMING PLAN - BUILDING 'B'
SCALE 1/8" = 1'-0"

NOTES:

1. FRAME SUSPENDED CEILING PER (1/S1.2).
2. FOR ROOF SLOPES SEE ARCHITECTURAL ROOF PLAN.
3. FOR HEADER SCHEDULE SEE (1/S1.1).
4. T.O.B. INDICATES TOP OF BEARING WALL PLATES.
5. T.O.G. INDICATES TOP OF GLU-LAM BEAMS.
6. FOR ROOF OPENINGS SEE ARCHITECTURAL ROOF PLANS AND (5/S1.1) FOR FRAMING UNLESS OTHERWISE NOTED. OPENINGS NOT SHOWN SHALL BE APPROVED BY THE STRUCT. ENGR.
7. [ ] DESIGNATES MECH. EQUIPMENT: SEE (1/M4) SEE (2/S2.3) FOR EQUIPMENT SUPPORT

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A47245 APR 14 1987
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SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN E.E.
CHECKED M.K.
CHECKED

ARCHITECT C-3659 REGISTRATION

FOUNDATION AND ROOF FRAMING PLANS — BLDG B

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PROJECT MCC #302

S3.1

DATE

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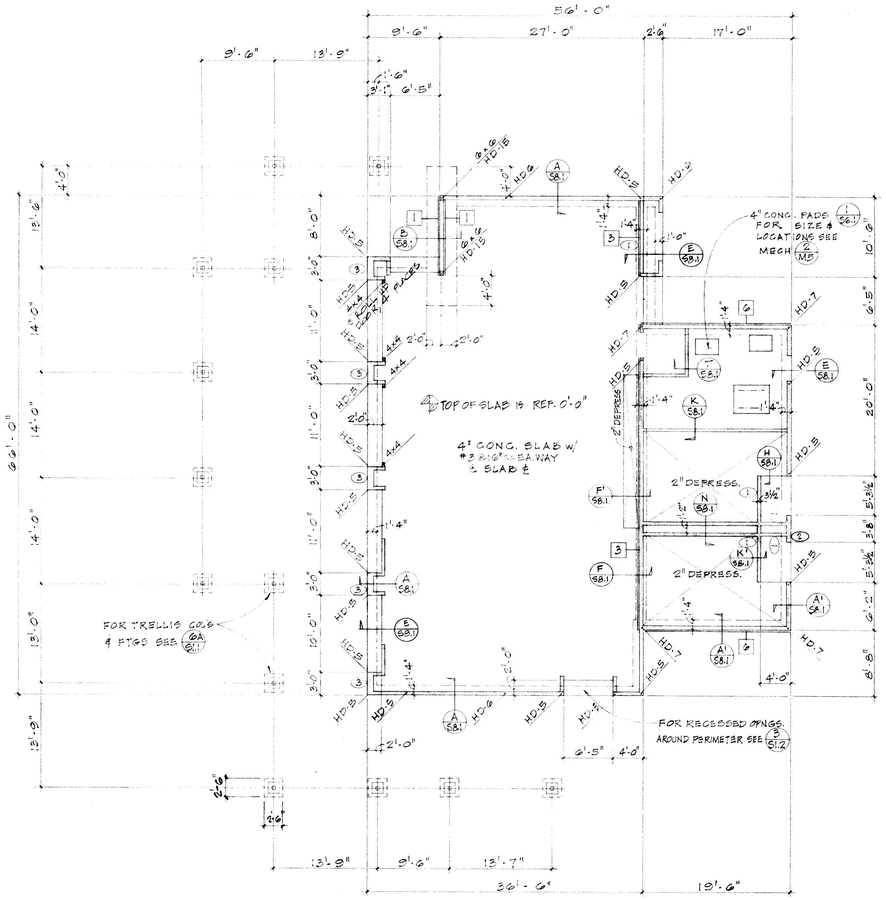
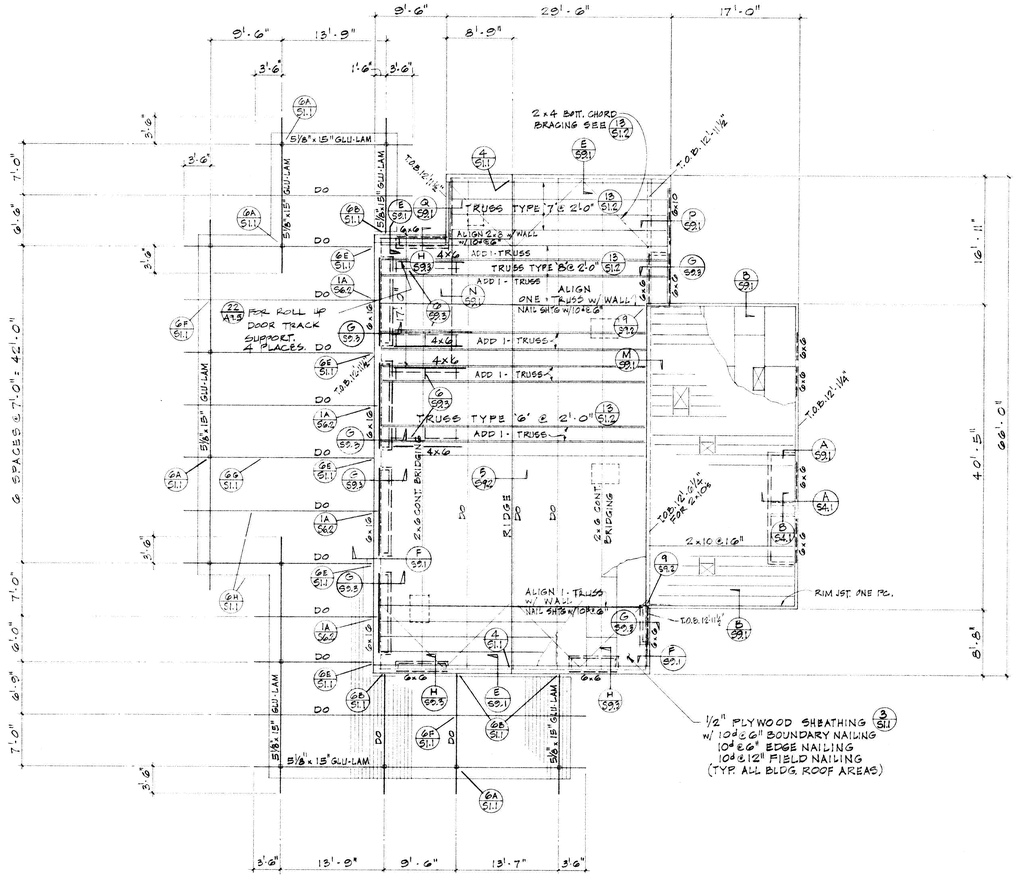


FOUNDATION PLAN - BUILDING 'C'

SCALE 1/8" = 1'-0"



ROOF FRAMING PLAN - BUILDING 'C'

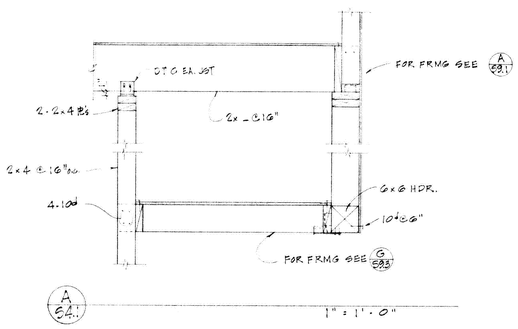
SCALE 1/8" = 1'-0"

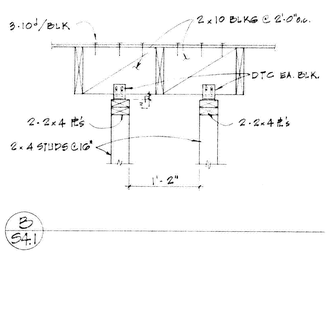
NOTES

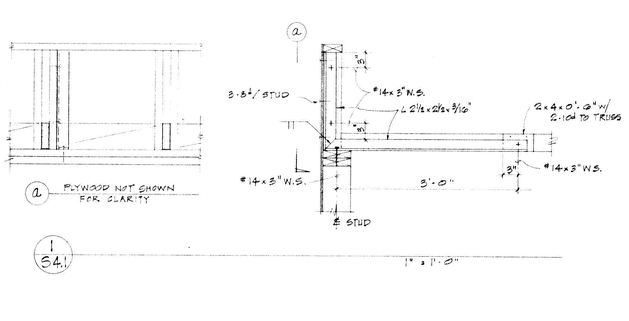
1. SHEATH ALL EXTERIOR WALLS WITH 3/8" PLYWOOD, SILL BOLTING AND NAILING PER 3, SEE SCHEDULE 2/S1.1 UNLESS OTHERWISE NOTED ON PLAN.
2. HD-1 INDICATES HOLD DOWN AT SHEARWALL, SEE 6/S1.1
3. FORM FOUNDATION PER 10/S1.2
4. ▬▬▬ INDICATES CONCRETE CURB.
5. ALL WALL STUDS ARE 2 x 6 @ 16" UNLESS OTHERWISE NOTED.
6. ① INDICATES 2 x 4 STUDS @ 12", ② INDICATES 2 x 8 STUDS @ 16", ③ INDICATES 2 x 12 STUDS @ 16"
7. FOR LOCATION OF NON-BEARING WALLS, CURBS, AND DEPRESSED SLABS NOT DIMENSIONED SEE ARCH. SHT A4.1.
8. SEE 4/S1.2 FOR TYPICAL SLAB JOINTS.

NOTES

1. FRAME SUSPENDED CEILING PER 12/S1.2
2. FOR ROOF SLOPES SEE ARCHITECTURAL ROOF PLAN.
3. FOR HEADER SCHEDULE SEE 6/S1.1
4. T.O.B. —— INDICATES TOP OF BEARING WALL PLATES.
5. T.O.G. —— INDICATES TOP OF GLU-LAM BEAM.
6. FOR ROOF OPENINGS SEE ARCHITECTURAL ROOF PLANS AND 5/S1.1 FOR FRAMING UNLESS OTHERWISE NOTED. OPENINGS NOT SHOWN SHALL BE APPROVED BY THE STRUCT. ENGR.
7. ▭ DESIGNATES MECH. EQUIPMENT: SEE M5/ SEE 6/S2.3 FOR EQUIPMENT SUPPORT







OFFICE OF THE STATE ARCHITECT
APPROVED
APR 14 1967

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SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN B.E.
CHECKED M.K.
CHECKED

ARCHITECT C-3559 REGISTRATION

FOUNDATION AND ROOF FRAMING PLANS — BLDG C

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PROJECT
MCC #302

S4.1

DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
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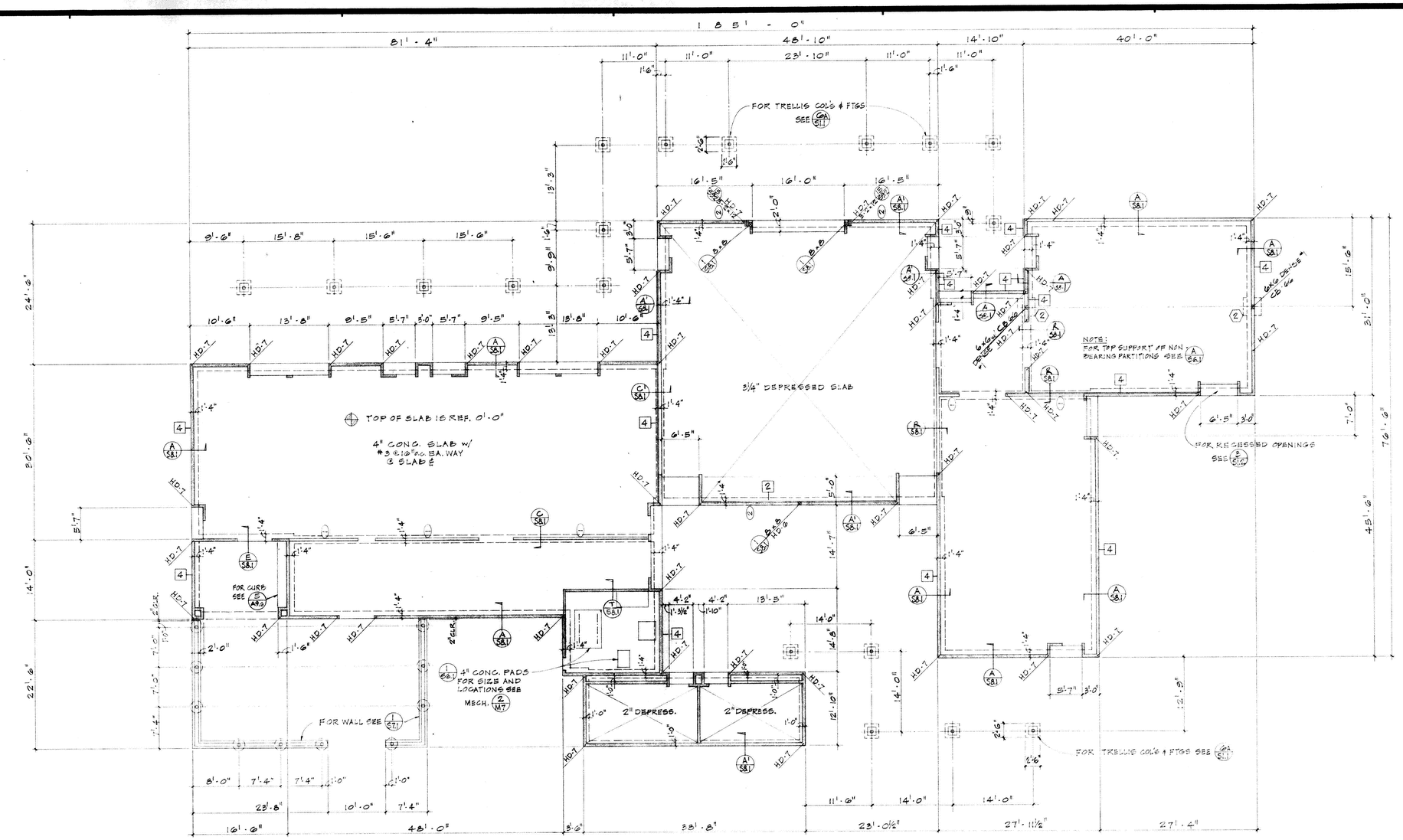
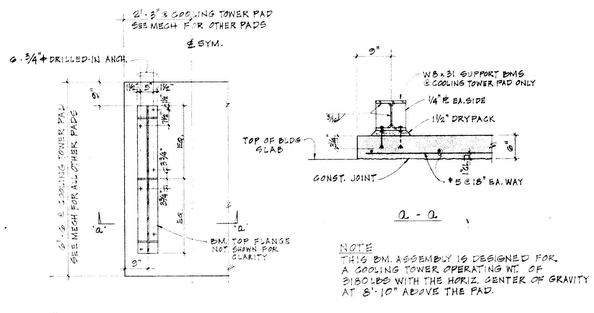


FOUNDATION PLAN ~ BUILDING 'E'

SCALE 1/8" = 1'-0"

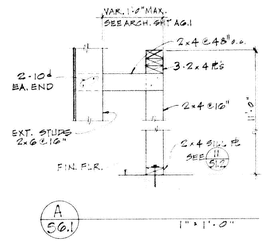


NOTE
THIS BM. ASSEMBLY IS DESIGNED FOR A COOLING TOWER, OPERATING WT. OF 31,800 LBS WITH THE HORIZ. CENTER OF GRAVITY AT 5'-10" ABOVE THE PAD.

(1/S6.1) CONCRETE PAD FOR MECHANICAL EQUIPMENT

NOTES

1. SHEATH ALL EXTERIOR WALLS WITH ⅜" PLYWOOD, SILL BOLTING AND NAILING PER (2), SEE SCHEDULE (4/S7.1) UNLESS OTHERWISE NOTED ON PLAN.
2. HD-7 INDICATES HOLD DOWN AT SHEARWALL SEE (5/S7.1)
3. FORM FOUNDATION PER (1/S7.2)
4. ▭▭▭ INDICATES CONCRETE CURB.
5. ALL WALL STUDS ARE 2 x 6 @ 16" UNLESS OTHERWISE NOTED.
6. (1) INDICATES 2 x 4 STUDS @12", (2) INDICATES 2 x 8 STUDS @12".
7. (2) INDICATES FOOTING SCHEDULE (2/S6.1)
8. FOR LOCATION OF NON-BEARING WALLS, CURBS, AND DEPRESSED SLABS NOT DIMENSIONED SEE ARCH. SHT. S6.1.
9. SEE (4/S1.2) FOR TYPICAL SLAB JOINTS.



(A/S6.1) 1" = 1'-0"

OFFICE OF THE STATE ARCHITECT
APPROVED AS NOTED
APR 11 1997
BY

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REVISIONS

DRAWN E.E.
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CHECKED

ARCHITECT C-3552 REGISTRATION

FOUNDATION PLAN BLDG E

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PROJECT MCC #302

S6.1

DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

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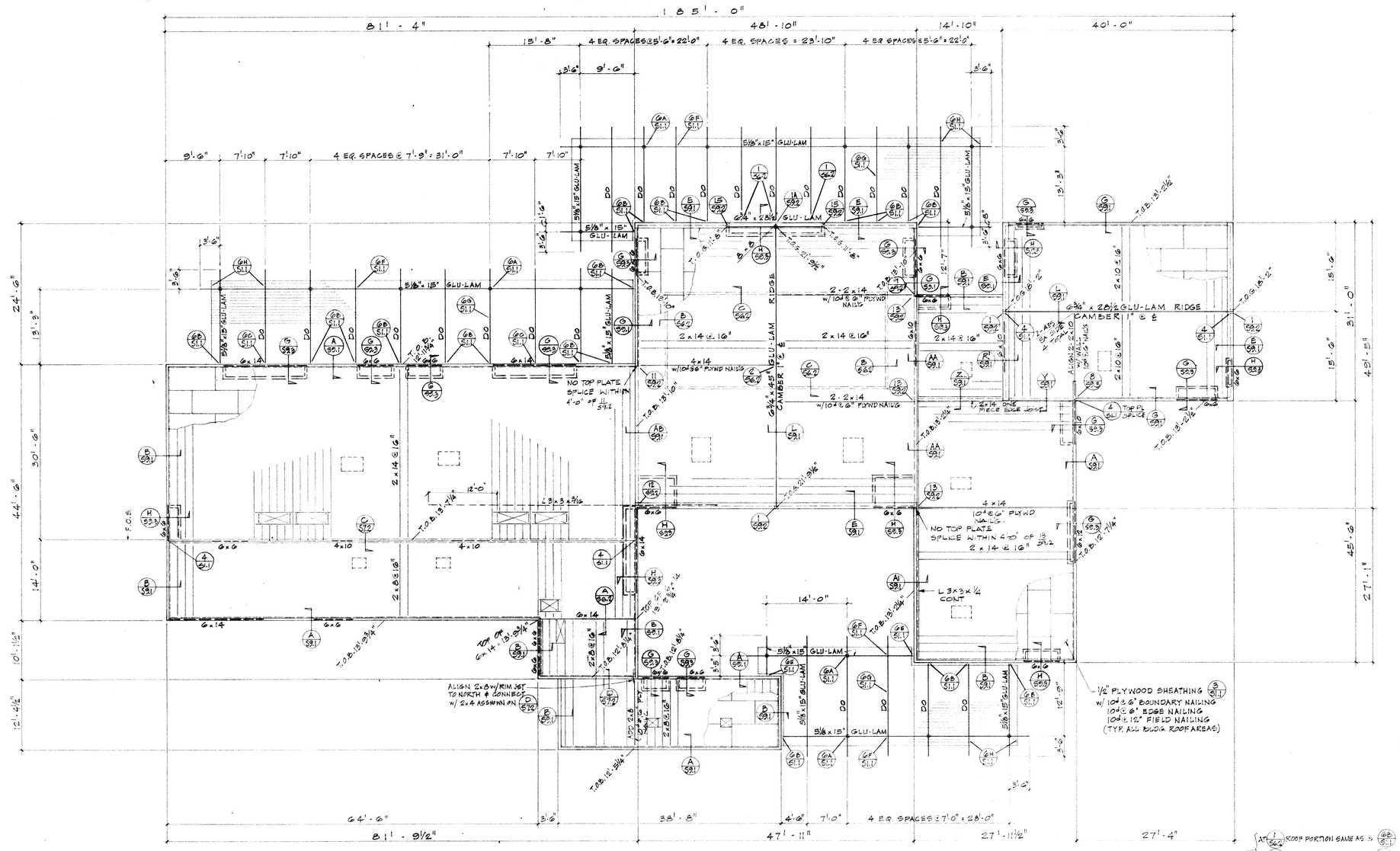
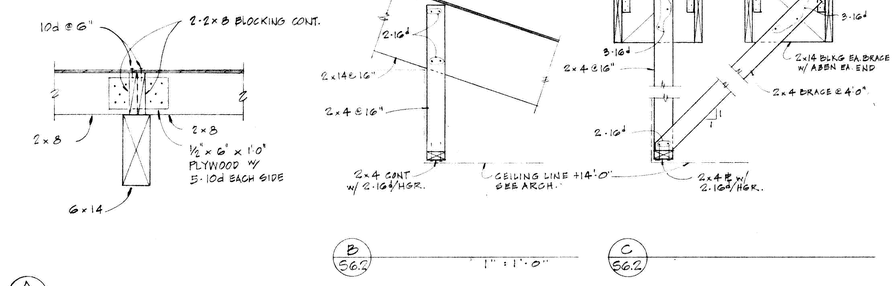


ROOF FRAMING PLAN ~ BUILDING 'E'

SCALE 1/8" = 1'-0"

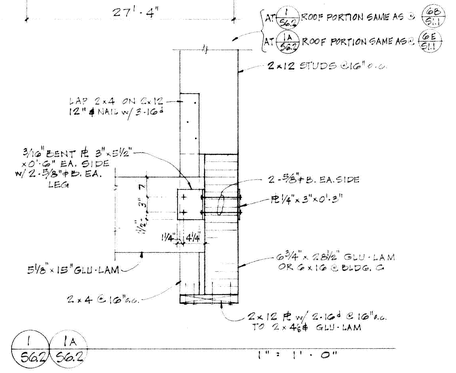


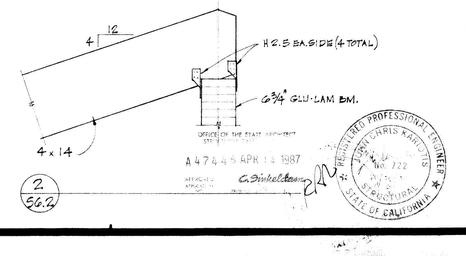
B S6.2 1" = 1'-0" C S6.2

A S6.2

NOTES

1. FRAME SUSPENDED CEILING PER 12/S1.2
2. FOR ROOF SLOPES SEE ARCHITECTURAL ROOF PLAN.
3. FOR HEADER SCHEDULE SEE 1/S1.1
4. T.O.B. —— INDICATES TOP OF BEARING WALL PLATES.
5. T.O.G. —— INDICATES TOP OF GLU-LAM BEAM.
6. FOR ROOF OPENINGS SEE ARCHITECTURAL ROOF PLANS AND 5/S1.1 FOR FRAMING UNLESS OTHERWISE NOTED. OPENINGS NOT SHOWN SHALL BE APPROVED BY STRUCT. ENGR.
7. [ ] DESIGNATES MECH. EQUIPMENT SEE 1/M7 FOR EQUIPMENT SUPPORT SEE 6/S3.3





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SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3559 REGISTRATION

ROOF FRAMING PLAN

BLDG E

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PROJECT MCC #302

S6.2

DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

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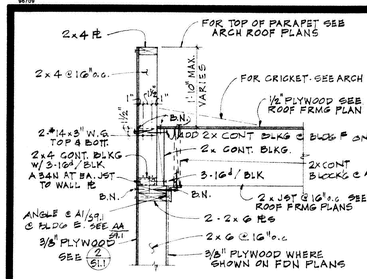
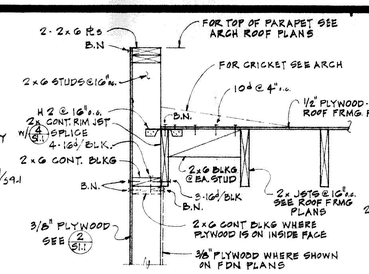


A 59.1 A1 59.1

1" = 1'-0"



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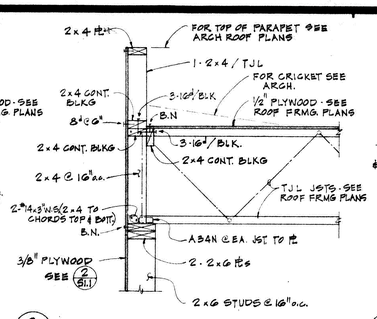

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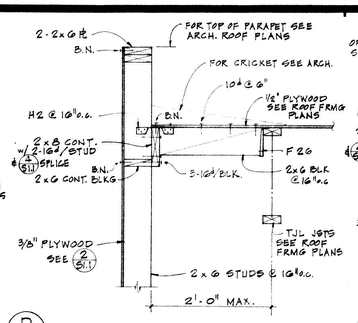

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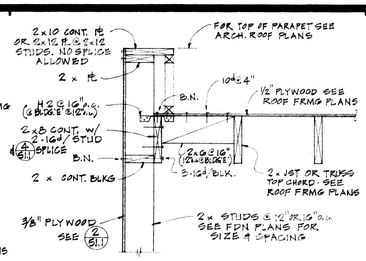

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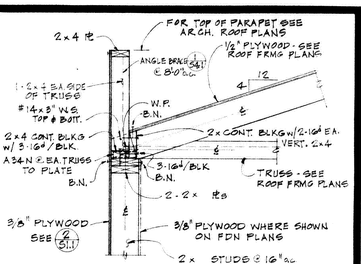

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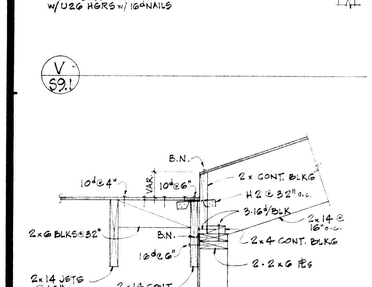

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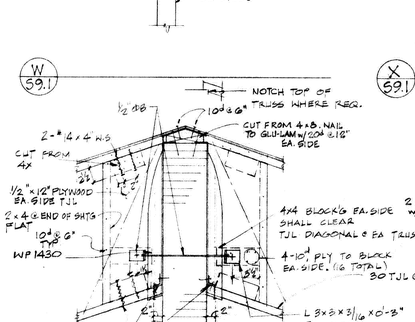

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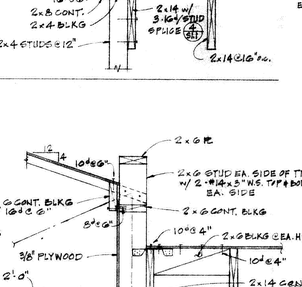

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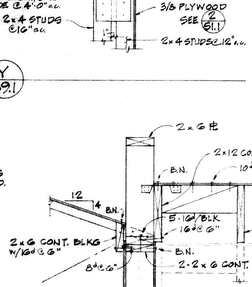

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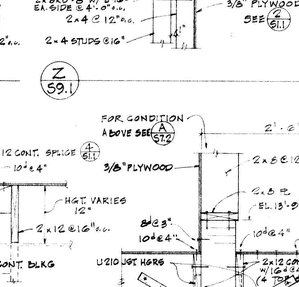

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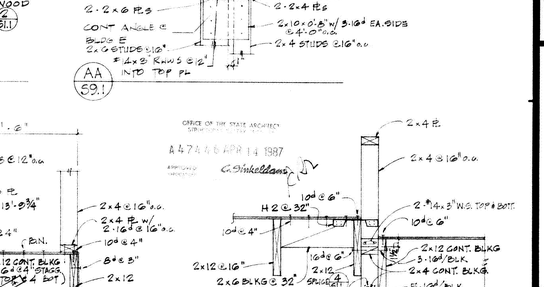

M 59.1 M1 59.1

N 59.1

P 59.1

Q 59.1

R 59.1 R1 59.1

S 59.1

T 59.1

U 59.1

V 59.1

W 59.1

X 59.1 Y 59.1

Z 59.1

AA 59.1

AB 59.1

AC 59.1

AD 59.1

AE 59.1

AF 59.1

AG 59.1

KARIOTIS & ASSOCIATES
Structural Engineers
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(213) 799-8269 (213) 682-2871

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN B.U.
CHECKED M.K.
CHECKED

ARCHITECT
C-3559 REGISTRATION

ROOF FRAMING SECTIONS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

S9.1

DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

KARIOTIS & ASSOCIATES
Structural Engineers
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MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

ROOF FRAMING DETAILS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

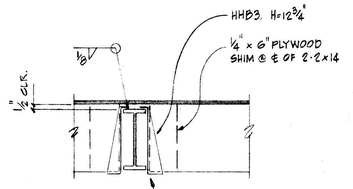
PROJECT
MCC #302

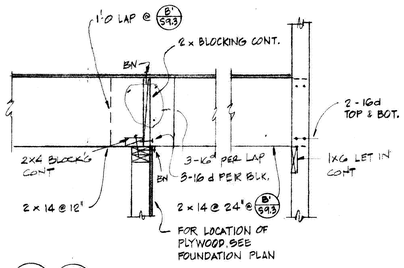
S9.2

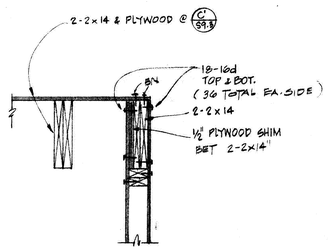
DATE

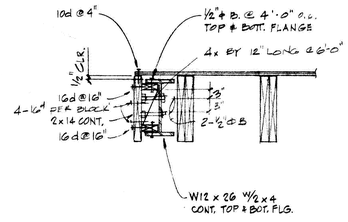
SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

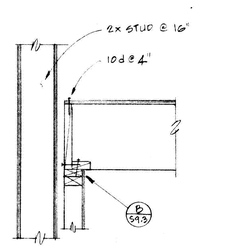
08709







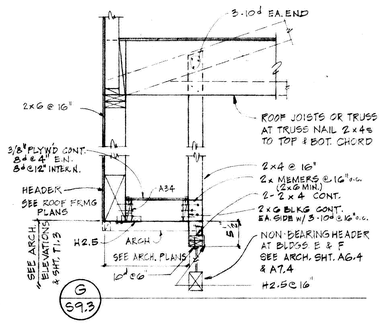


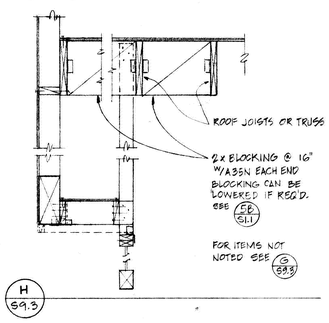


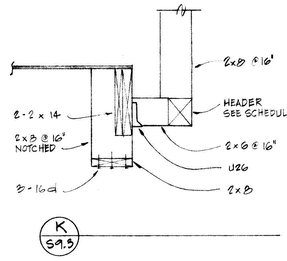
FOR PLYWOOD SEE FDN. PLAN

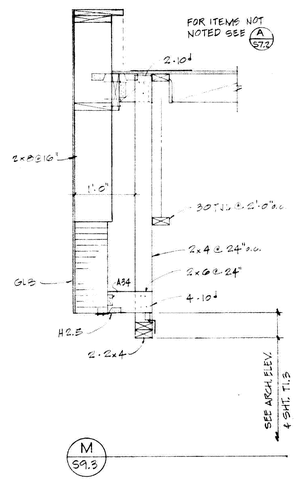
A/S9.3 B/S9.3 B1/S9.3 C/S9.3 D/S9.3 F/S9.3

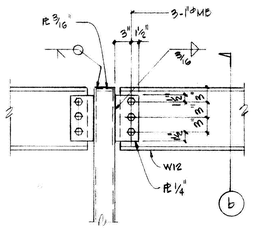
1" = 1'-0"

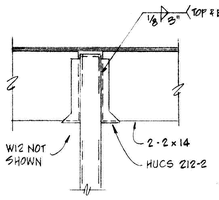


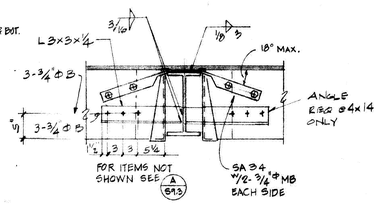


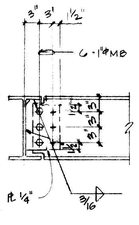


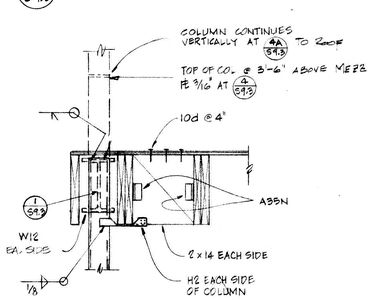




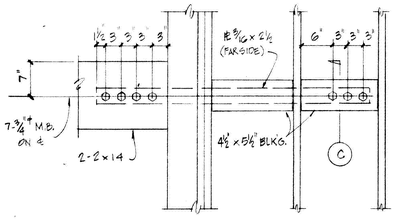


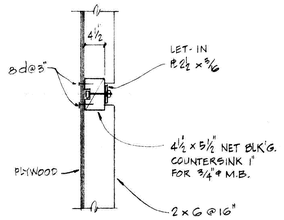


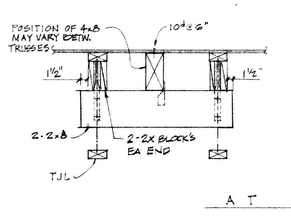


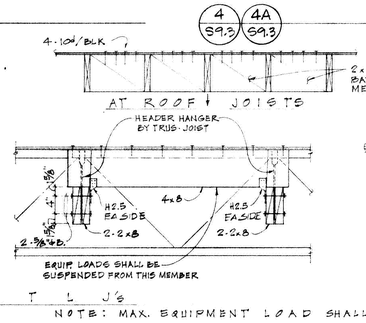


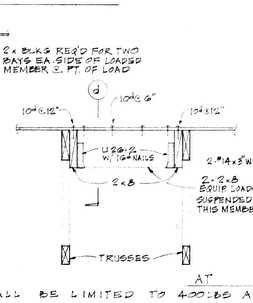
1/S9.3 b 2/S9.3 3/S9.3 4/S9.3 4A/S9.3

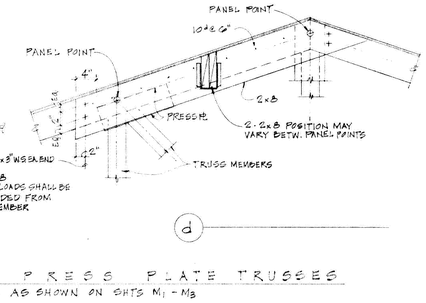








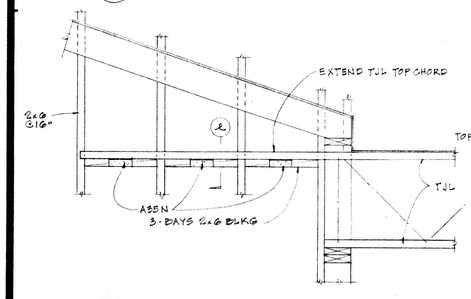


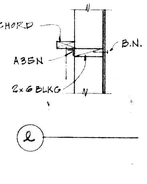


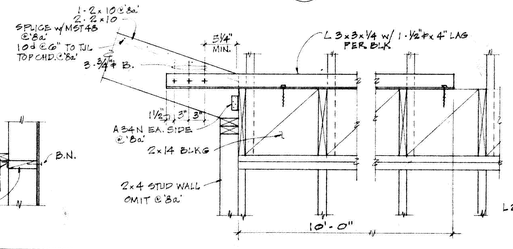
AT TYP. TJL'S

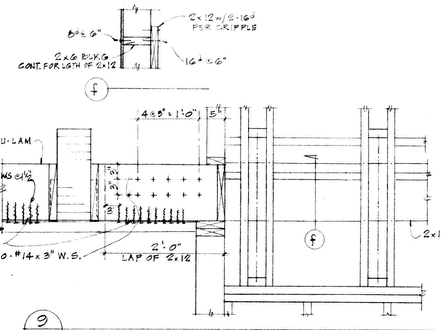
NOTE: MAX. EQUIPMENT LOAD SHALL BE LIMITED TO 400 LBS AS SHOWN ON SHTS M1 - M3

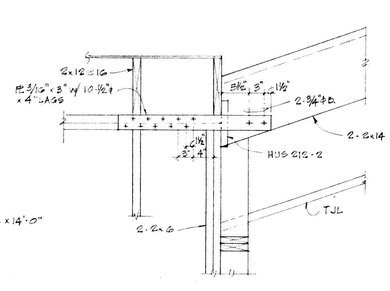
6/S9.3 TRUSS FRAMING FOR SUSPENDED LOADS 1" = 1'-0"











7/S9.3 8/S9.3 8a/S9.3 9/S9.3 10/S9.3

OFFICE OF THE STATE ARCHITECT
AA7446 APR 14 1987
APPROVED

REGISTERED PROFESSIONAL ENGINEER
JOHN CHRIS KARIOTIS
No. 722
STRUCTURAL
STATE OF CALIFORNIA

KARIOTIS & ASSOCIATES
Structural Engineers
711 MISSION STREET, D SOUTH PASADENA, CA 91030
(213) 799-8269 (213) 682-2871

MIRACOSTA COLLEGE
SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3557 REGISTRATION

MISC. FRAMING DETAILS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

S9.3

DATE

SAN E900 & E900 BUILDING RENOVATIONS, Bid #MA-20-029
Exhibit 5 – SAN E400 and SAN E900 Original Constructed Plans, REFERENCE DOCUMENTS ONLY

MIRACOSTA COLLEGE - SAN ELIJO CENTER BUILDINGS (LWA #302)
(E3025\PLN\WK1\J302.HD) 5/5/86

SITE ARCHITECTURAL PLAN NOTES:

1. CONCRETE CURB AND GUTTER - SEE CIVIL
2. CONCRETE SIDEWALK - SEE DETAIL 4/SA1.5
3. YARD DRAINS - SEE DRAINAGE PLANS
4. CONCRETE STEPS - SEE DETAIL
5. HANDICAP RAMP -
6. BICYCLE RACK - SEE DETAIL
7. CATCH BASIN - SEE DRAINAGE PLAN SHEET SA1.4
8. SCREEN WALL - SEE DETAIL 1/A1.5
9. FIRE HYDRANT - EXISTING
10. 12" X 12" VINE PLANTERS - SEE LANDSCAPE
11. BUS STOP SHELTER - SEE SHEET SA1.6 - SEE ALT. NO. 8
12. LANDSCAPE PLANTER - SEE LANDSCAPE
13. GRID SIZE 10' X 10'
14. WALK DIMENSIONS GIVEN ARE MINIMUMS FOR SEGMENT INDICATED
15. FOR SITE PLAN CONTINUATION SEE SHEET 10/SA1.6
16. DIRECTORY - SEE ALTERNATE NO. 4

NOTE: ALL PRIMARY MAIN ENTRIES SHALL BE IDENTIFIED BY ACCESSIBILITY SYMBOLS.

GRID BASE LINE TOP OF CONCRETE CURB

GRID BASE LINE WEST EXTERIOR WALL OF BUILDING "A"

ROADWAY

BUILDING A

BUILDING B

BUILDING C

BUILDING D

BUILDING E

BUILDING F

MAIN ENTRY

NOTE: SEE 10/SA1.6 FOR SITE PLAN CONTINUATION

AMPHITHEATER, SEE 12/SA1.6

LIMIT OF ALT. NO. 7

BUS STOP SHELTER 11

LEGEND:

- VEHICULAR WALKWAY PAVING 3/SA1.5
- PEDESTRIAN WALKWAY PAVING 4/SA1.5
- EJ. EXPANSION JOINT 8/SA1.5

NORTH

SITE PAVING PLAN SCALE 1":20'

APPROVED FIRE AND PLANNING

STATE FIRE MARSHAL SOUTHERN REGION DIRECTOR, FIELD

OFFICE OF THE STATE ARCHITECT STRUCTURAL SAFETY SECTION A 47446 APR 14 1987 APPROVED APPLICATION NO. [illegible] PRINCIPAL STRUCTURAL ENGINEER

APPROVED OFFICE OF THE STATE ARCHITECT HEALTH FACILITY DESIGN SECTION 47 AHE MA 02 87 APPLICATION FOR X-RAY INSTALLATION

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN

CHECKED

CHECKED

C3559 REGISTRATION

ARCHITECT

SITE PAVING PLAN

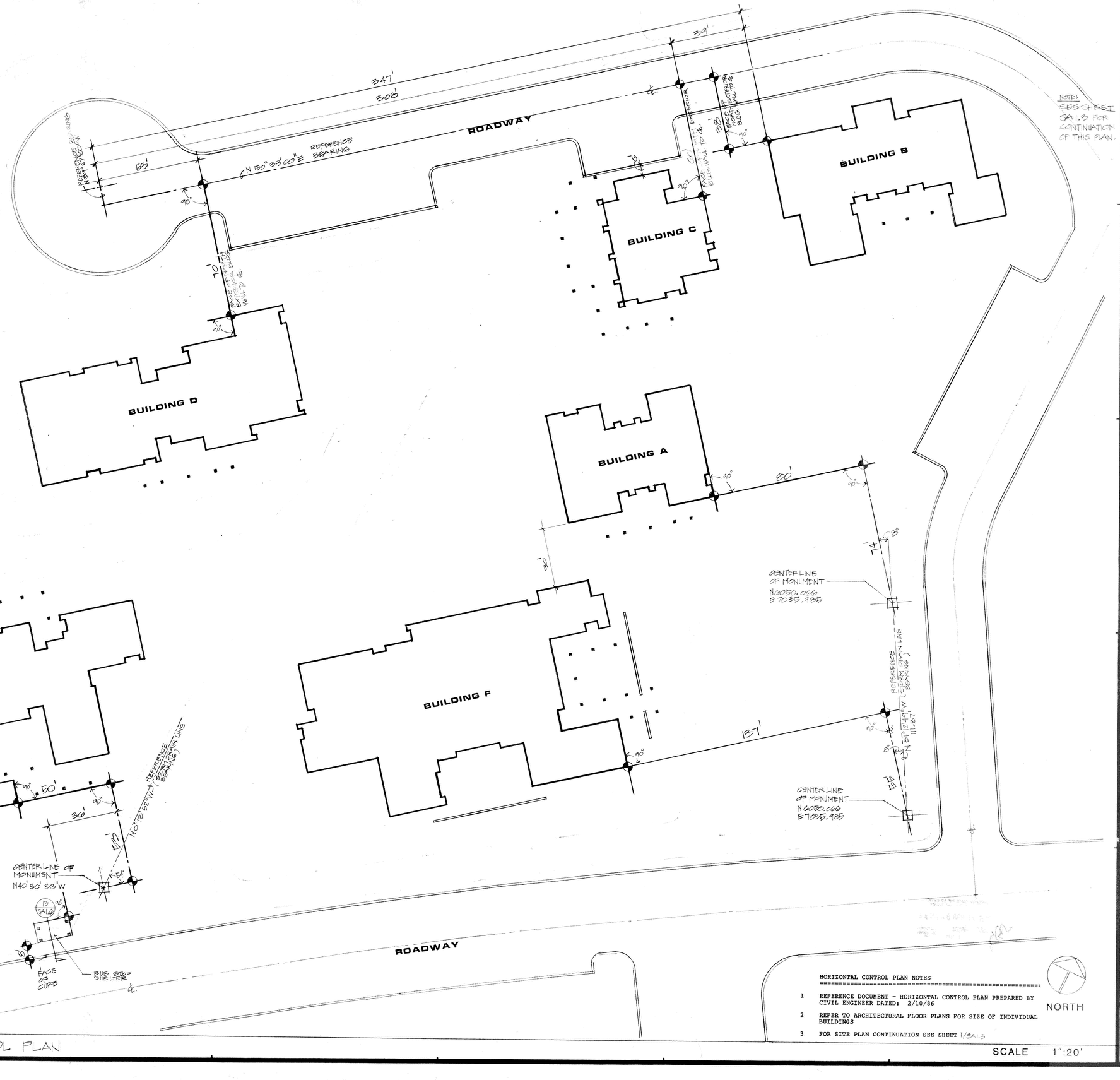
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

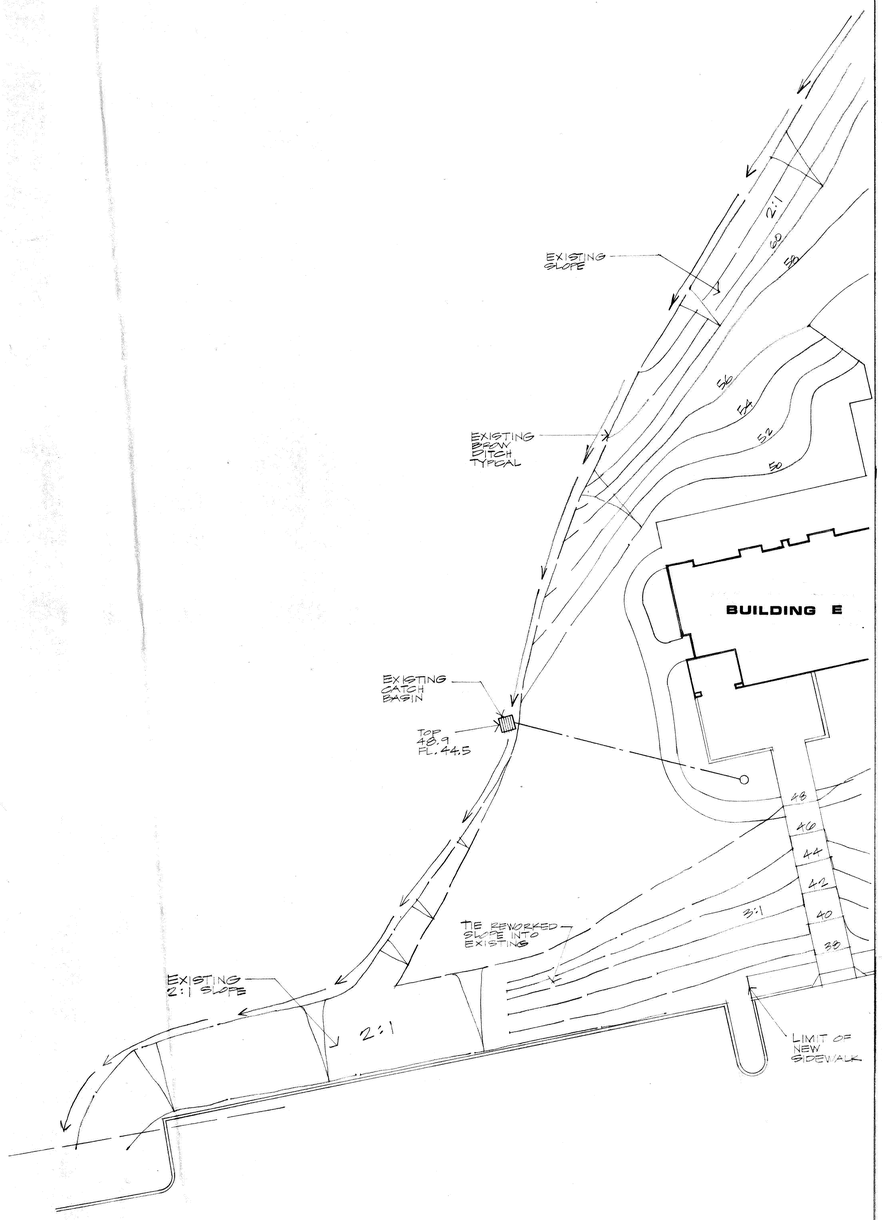
SA1.1

DATE DEC 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY



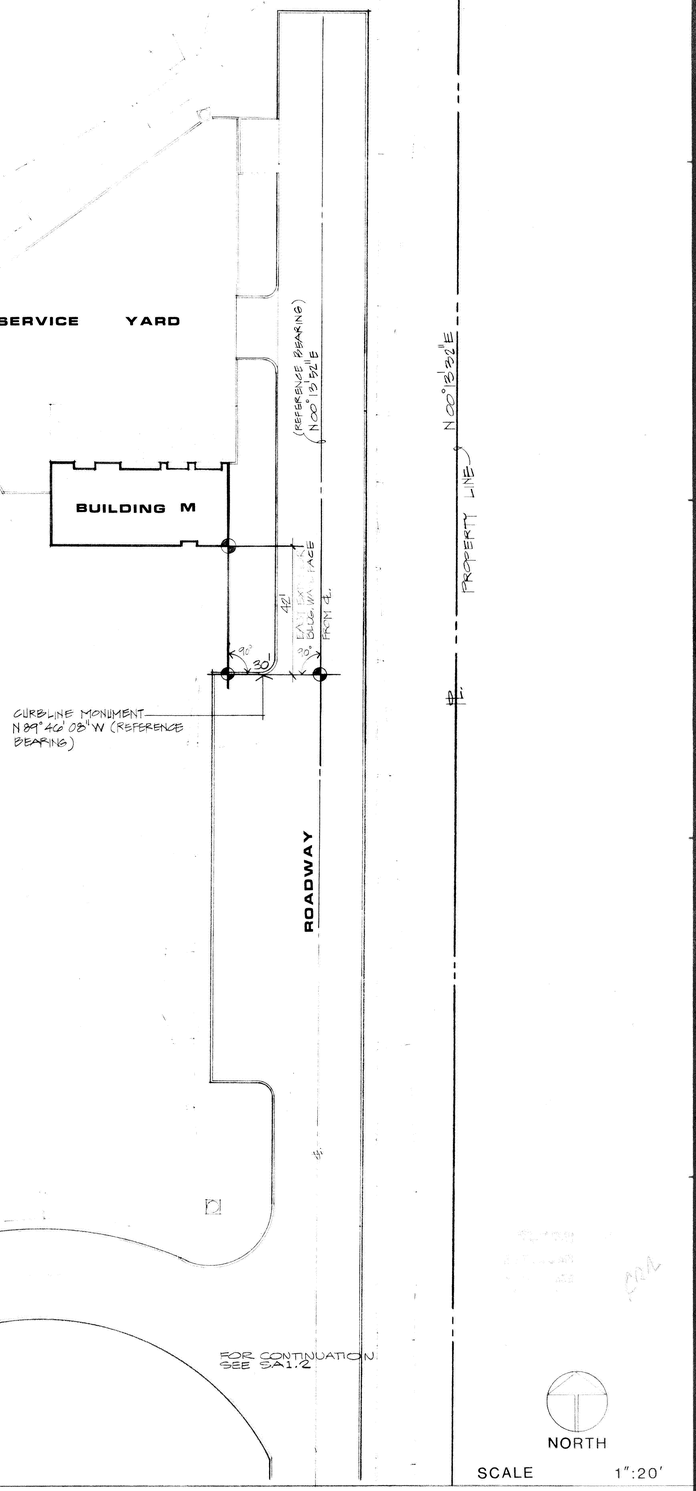
SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY



NORTH

SCALE 1" : 20'

(2 SA1.3) PARTIAL GRADING PLAN



NORTH

SCALE 1":20'

(1 SA1.3) SITE HORIZONTAL CONTROL PLAN

HORIZONTAL CONTROL PLAN NOTES

1 REFERENCE DOCUMENT - HORIZONTAL CONTROL PLAN PREPARED BY CIVIL ENGINEER DATED: 2/10/86

2 REFER TO ARCHITECTURAL FLOOR PLANS FOR SIZE OF INDIVIDUAL BUILDINGS

3 FOR SITE PLAN CONTINUATION SEE SHEET SA1.2

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

SITE HORIZONTAL CONTROL PLAN & PARTIAL GRADING PLAN

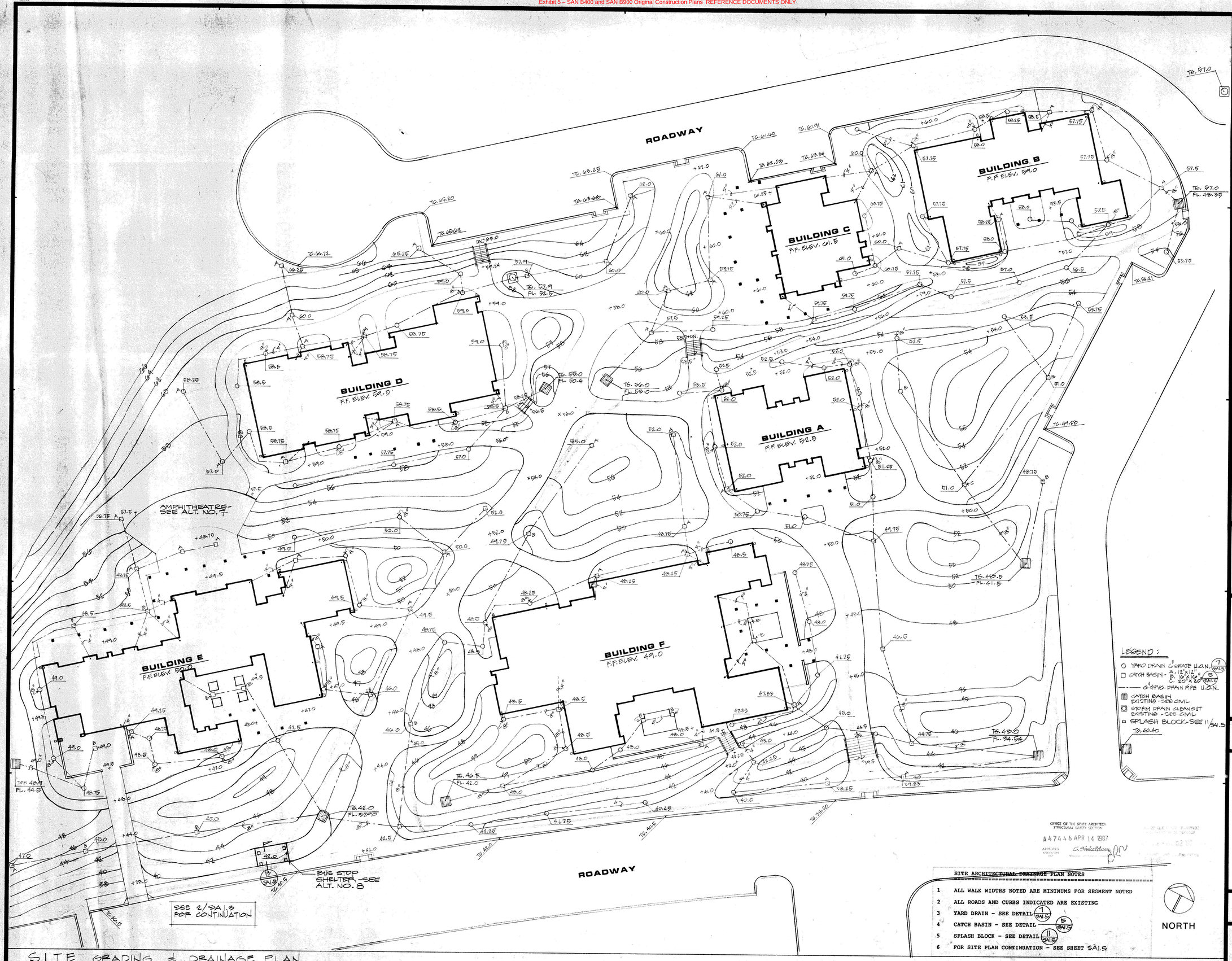
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

SA1.3

DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans - REFERENCE DOCUMENTS ONLY



SITE GRADING & DRAINAGE PLAN

SCALE 1":20'

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47446 APR 14 1987
APPROVED
C. Finkelstein

SITE ARCHITECTURAL ~~DRAINAGE~~ PLAN NOTES

1. ALL WALK WIDTHS NOTED ARE MINIMUMS FOR SEGMENT NOTED
2. ALL ROADS AND CURBS INDICATED ARE EXISTING
3. YARD DRAIN - SEE DETAIL 1/SA1.5
4. CATCH BASIN - SEE DETAIL 5/SA1.5
5. SPLASH BLOCK - SEE DETAIL 11/SA1.5
6. FOR SITE PLAN CONTINUATION - SEE SHEET SA1.5

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3659
REGISTRATION

SITE GRADING & DRAINAGE PLAN

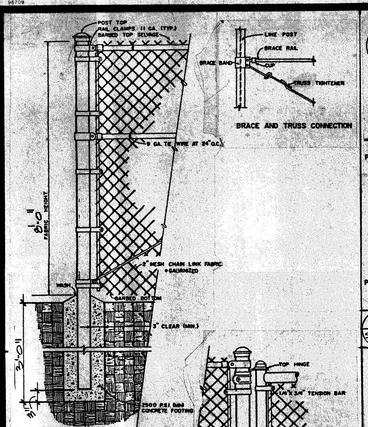
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

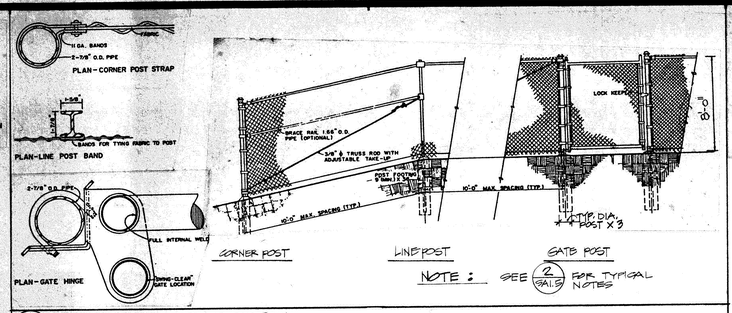
PROJECT
MCC #302

SA1.4

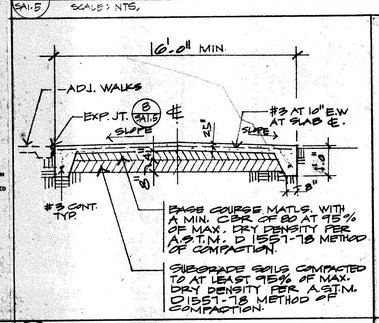
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

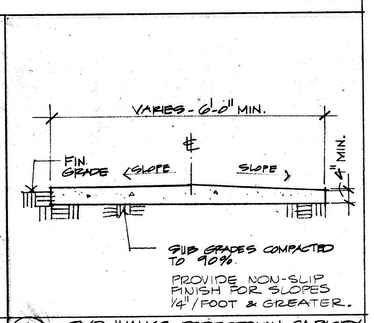




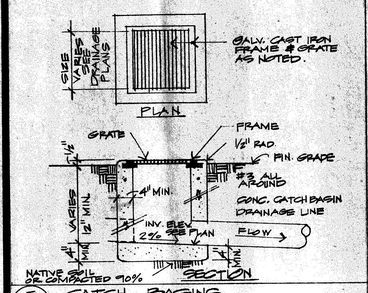
1 SA1.5 CHAIN LINK FENCE DETAILS
SCALE: NTS.



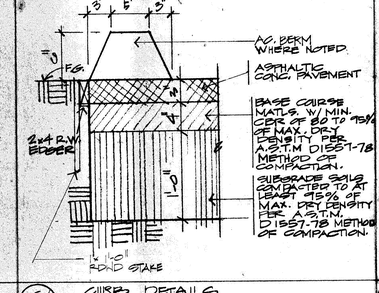
3 SA1.5 TYP. WALK W/ VEHICLE CAPACITY
1/4"=1'-0".



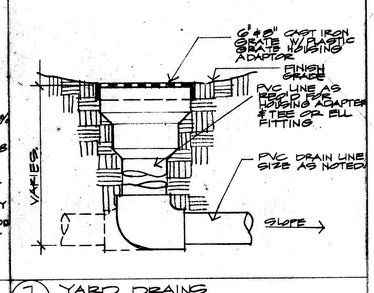
4 SA1.5 TYP. WALKS PEDESTRIAN CAPACITY
3/4"=1'-0".



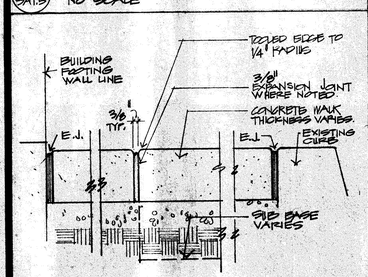
5 SA1.5 CATCH BASINS
NO SCALE



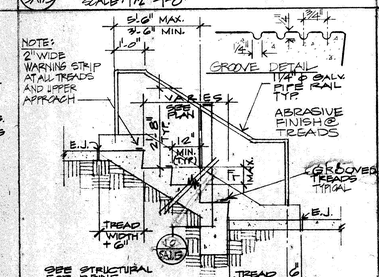
6 SA1.5 CURB DETAILS
SCALE: 1 1/2"=1'-0"



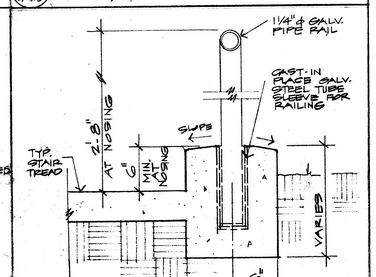
7 SA1.5 YARD DRAINS
NO SCALE



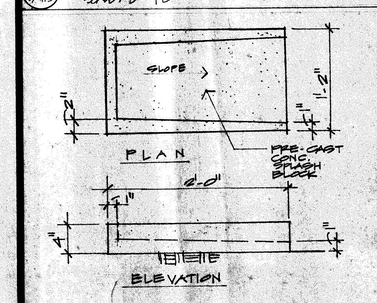
8 SA1.5 EXPANSION JOINTS @ CONC. WALKS & CURBS.
SCALE: 3"=1'-0"



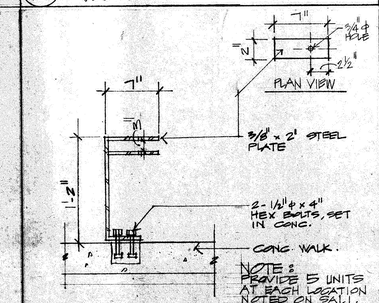
9 SA1.5 TYP. EXTERIOR STEPS
1/2"=1'-0"



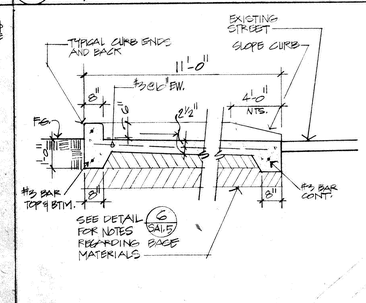
10 SA1.5 TYP. HANDRAIL
1 1/2"=1'-0".



11 SA1.5 SPLASH BLOCK
1 1/2"=1'-0".



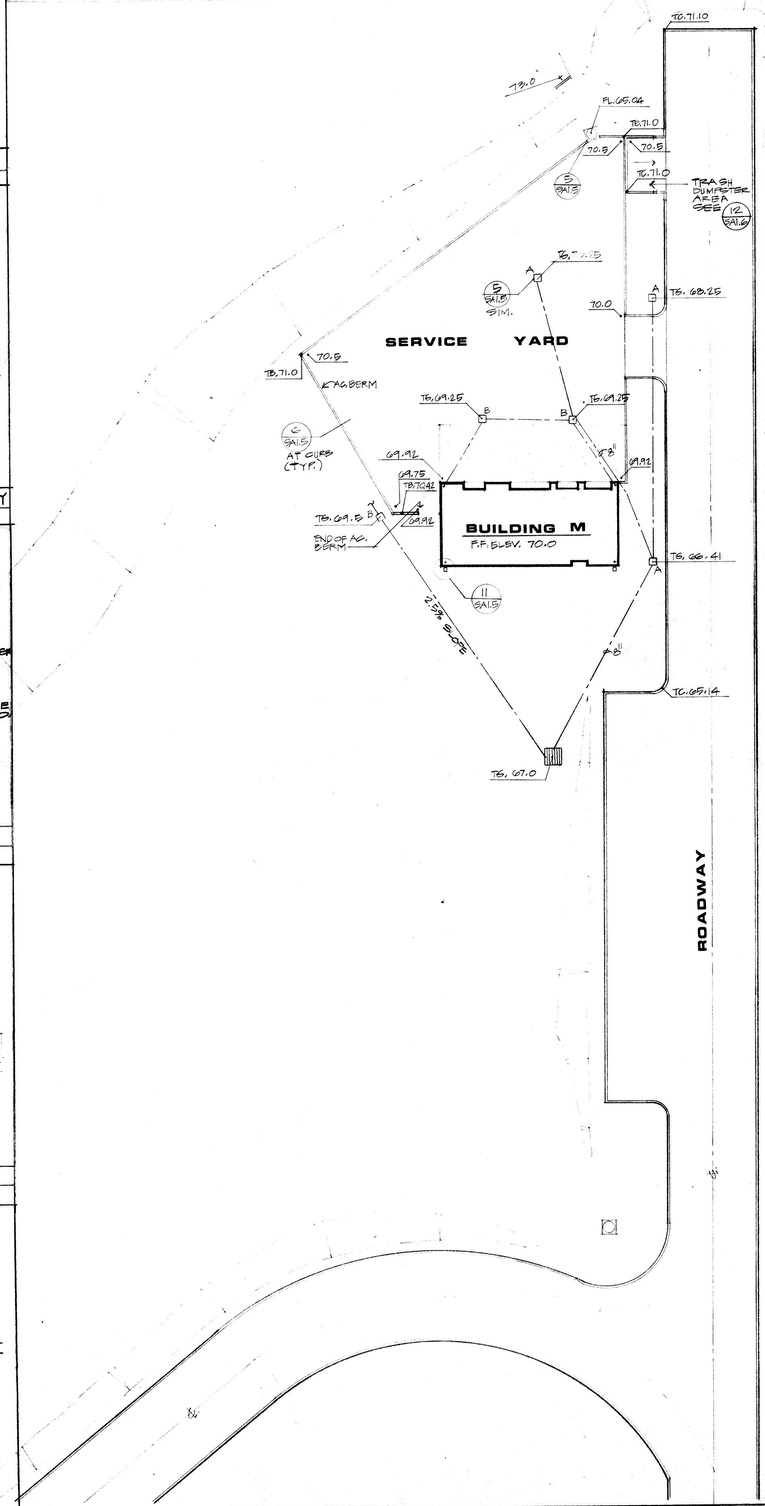
12 SA1.5 BICYCLE RACK
1 1/2"=1'-0"



13 SA1.5 TRASH DUMPSTER SLAB DETAIL
SCALE: 1/2"=1'-0"

SITE ARCHITECTURAL DRAINAGE PLAN NOTES

1. ALL WALK WIDTHS NOTED ARE MINIMUMS FOR SEGMENT NOTED
2. ALL ROADS AND CURBS INDICATED ARE EXISTING
3. YARD DRAIN - SEE DETAIL 7 SA1.5
4. CATCH BASIN - SEE DETAIL 5 SA1.5
5. SPLASH BLOCK - SEE DETAIL 11 SA1.5
6. FOR SITE PLAN CONTINUATION - SEE SHEET SA1.4



NOTES:
1. SEE SHEET SA1.4 FOR NOTES AND LEGEND.

SITE GRADING/DRAINAGE PLAN @ BLDG M

NORTH
SCALE 1":20'

APPROVED FIRE AND PANIC ONLY
DEC 7 1987
STATE FIRE MARSHAL SOUTHERN DIVISION
BEAUTY AND BOOTY

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3555 REGISTRATION

SITE GRADING/DRAINAGE PLAN @ BLDG. "M" AND SITE DETAILS

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY DIVISION
S 47445 APR 14 1997
APPROVED APPLICATION

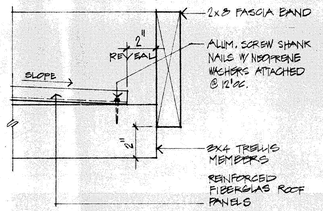
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

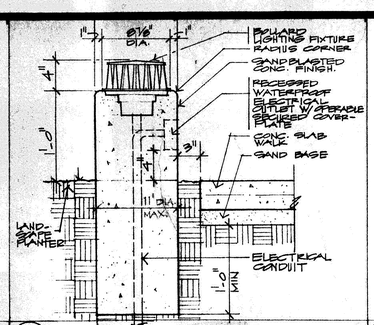
SA1.5

DATE DEC. 1986

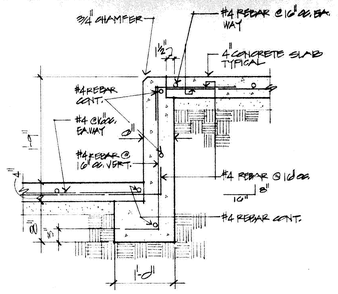
98709



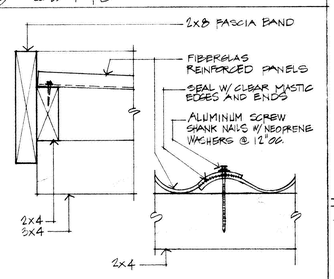
3 SA1.6 FRAMING DETAIL AT TRELLIS
SCALE: 3"=1'-0"



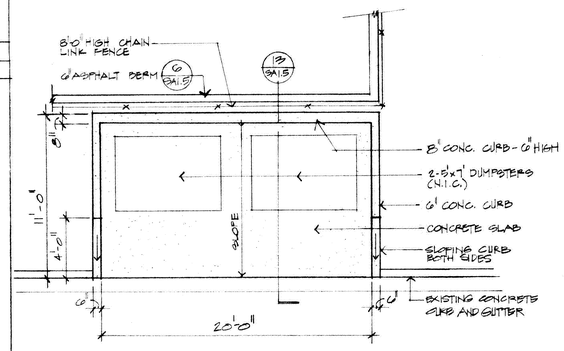
2 SA1.6 PATH / BORDER LIGHT
1 1/2" = 1'-0"



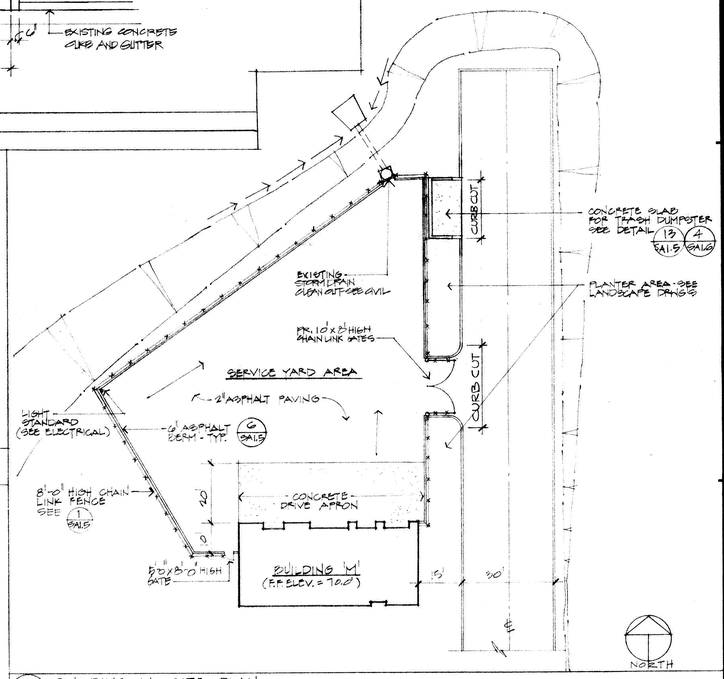
1 SA1.6 AMPHITHEATER SEATING DETAIL
SCALE: 1"=1'-0"



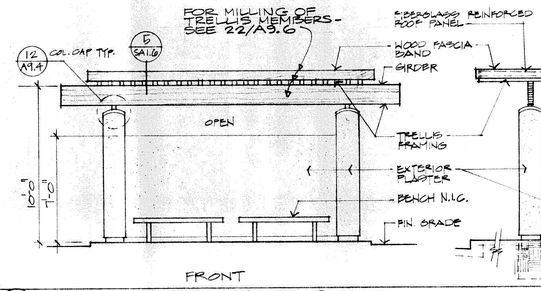
5 SA1.6 FRAMING DETAIL AT TRELLIS
SCALE: 3"=1'-0"



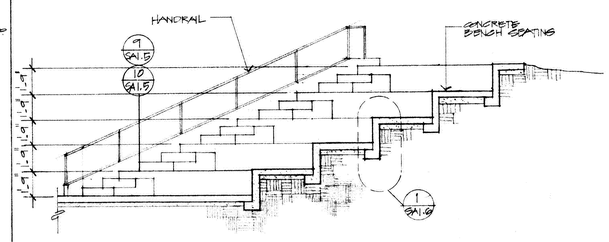
4 SA1.6 TRASH DUMPSTER AREA
1/4" = 1'-0"



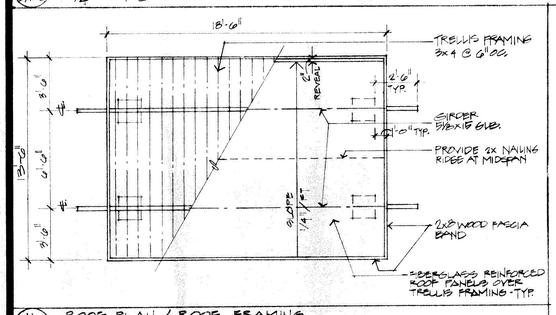
10 SA1.6 BUILDING M - SITE PLAN
1" = 10'-0"



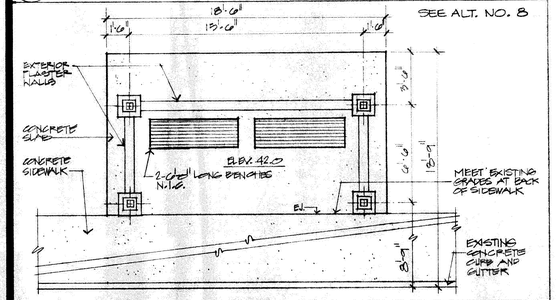
9 SA1.6 ELEVATION - BUS STOP SHELTER
1/4" = 1'-0"



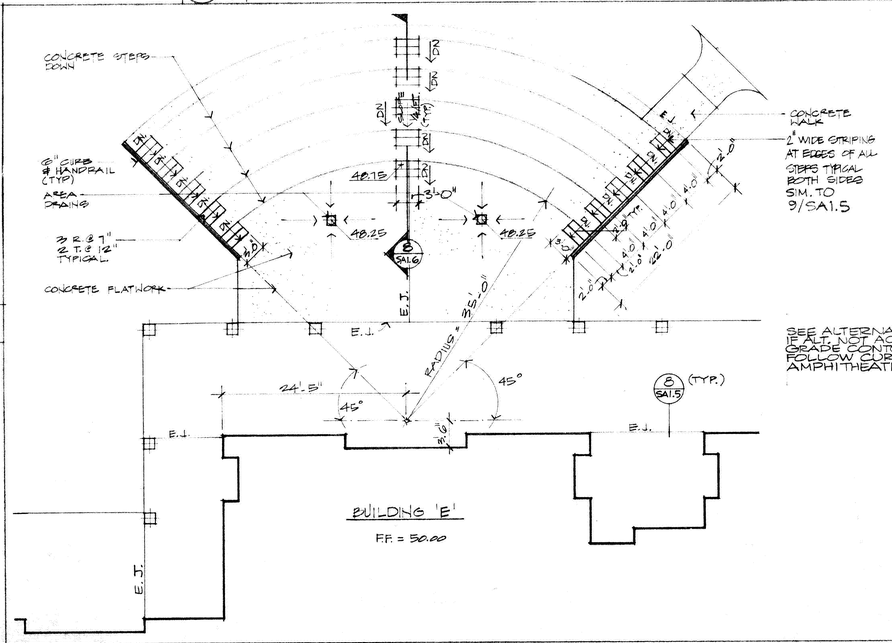
8 SA1.6 AMPHITHEATER SECTION
1/4" = 1'-0"



11 SA1.6 ROOF PLAN / ROOF FRAMING
1/4" = 1'-0"



13 SA1.6 BUS SHELTER PLAN
1/4" = 1'-0"



12 SA1.6 AMPHITHEATER PLAN
1/8" = 1'-0"

OFFICE OF THE STATE ARCHITECT
STRUCTURE SAFETY SECTION
A 47446 APR 14 1987
APPROVED: C. Strickland
APPLICATION

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
47446 MAR 02 '87
APPLICATION

APPROVED FOR BID PERMIT ONLY
STATE OF CALIFORNIA
STRUCTURAL SAFETY
ACCESS COMPLIANCE

MIRACOSTA COLLEGE
SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3557
REGISTRATION

SITE PLAN @ BLDG. "M", AMPHITHEATER & BUS SHELTER PLANS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

SA1.6
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

WATER CALCULATION #132

STREET MAIN PRESSURE
- A. AVERAGE MINIMUM 140.00 PSI

QUANTITY OF WATER
- A. TOTAL OF F.U. 495 141 GPM
- B. OTHER REQUIREMENTS GPM

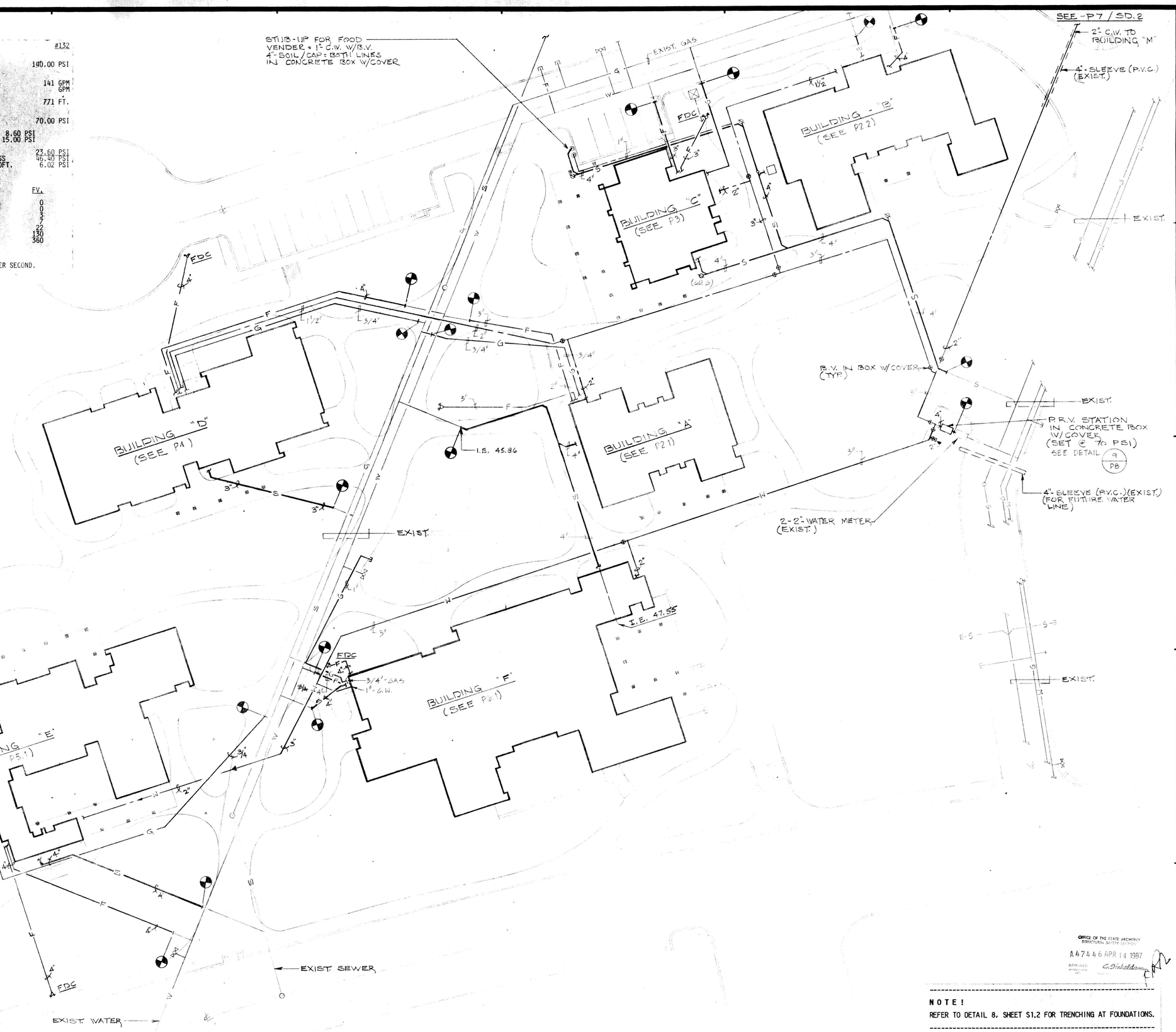
MAXIMUM LENGTH OF PIPING FROM P.R.V. 771 FT.

CALCULATION
- A. P.R.V. SETTING 70.00 PSI
- B. LOSSES
  - 1. STATIC HEIGHT 20 FT. X 43 8.60 PSI
  - 2. RESIDUAL PRESSURE F.V. 15.00 PSI

TOTAL LOSS 23.60 PSI
AVAILABLE FOR PIPING PRESS. LOSS 46.40 PSI
ALLOWABLE FRICTION LOSS PER 100FT. 6.02 PSI
(46.40 X 100 = 4640 ÷ 771 = 6.02)

PIPE SIZE	GPM	FT.	FV.
1/2"	2	2	0
3/4"	6	7	0
1"	14	20	3
1-1/4"	23	36	7
1-1/2"	36	70	22
2"	75	255	130
2-1/2"	120	480	360

NOTE:
VELOCITY NOT TO EXCEED 8 FT. PER SECOND.



1 SITE PLAN
1"=20'-0"

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47446 APR 14 1987
APPROVED

NOTE!
REFER TO DETAIL 8, SHEET S1.2 FOR TRENCHING AT FOUNDATIONS.

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
4747 MORENA BLVD., SUITE 100 SAN DIEGO, CA 92117
TELEPHONE 619-483-7700

1840

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN K.E.T.
CHECKED K.E.T.
CHECKED J.C.

ARCHITECT
C-3553
REGISTRATION

PLUMBING SITE PLAN

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
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LA JOLLA, CALIFORNIA 92037
(619) 459-4491

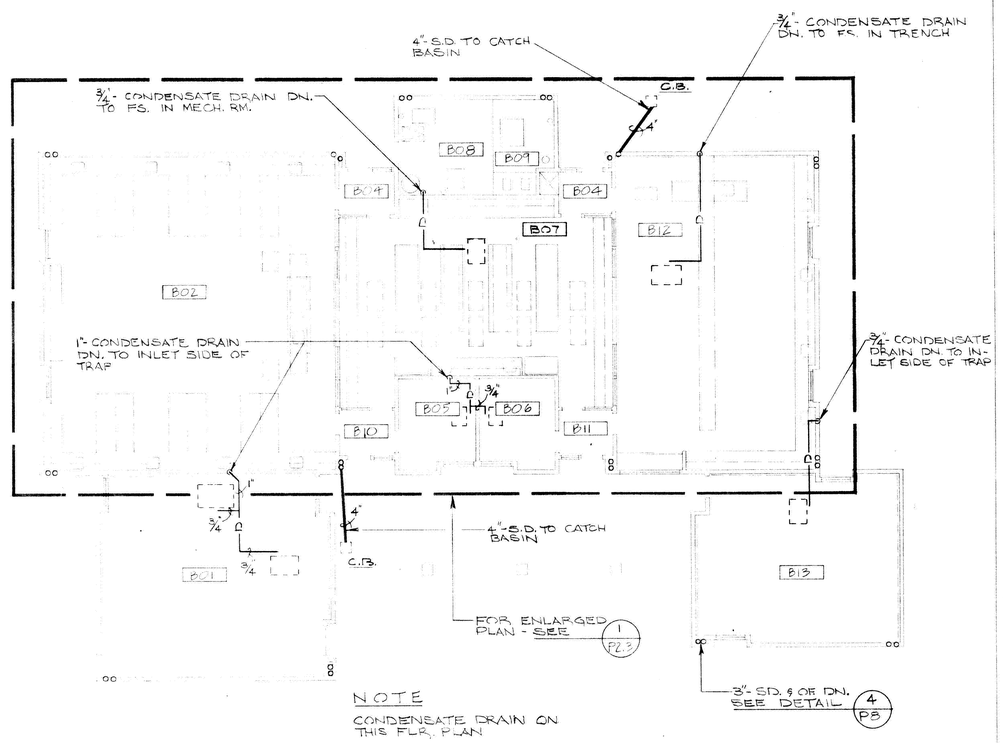
PROJECT
MCC #302

P1

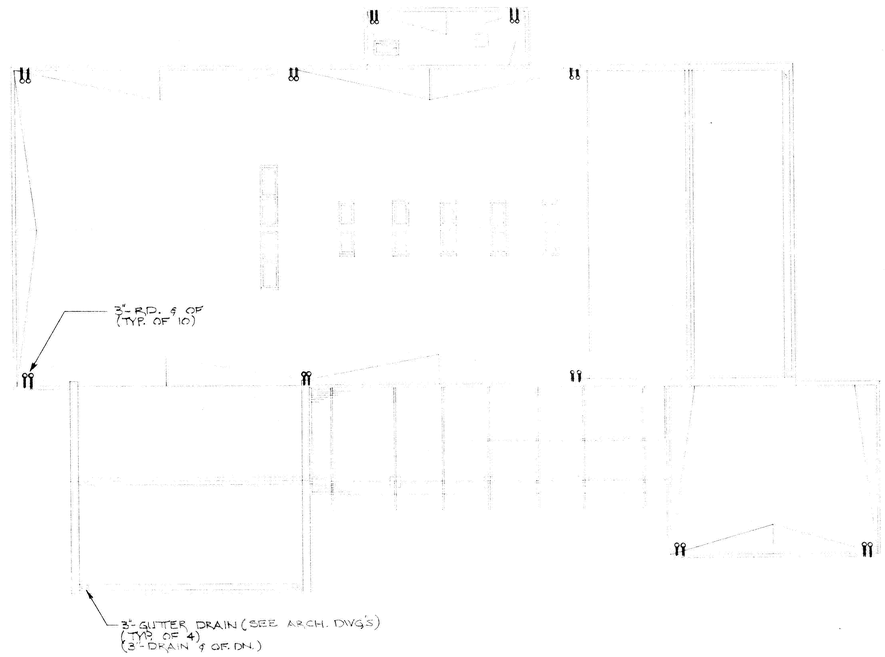
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

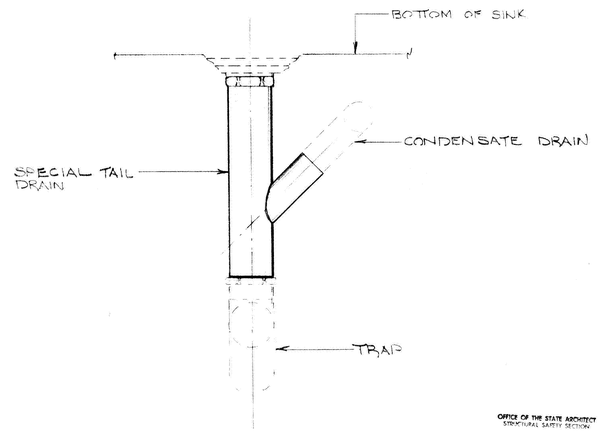
APPROVED
FIRE DEPARTMENT
SUBJECT TO FIELD INSPECTION
SUBJECT TO FINAL APPROVAL



1 FLOOR PLAN - BUILDING "B"
1/8" = 1'-0"



2 ROOF PLAN
1/8" = 1'-0"



OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED AS NOTED G. Dinkelacker

3 CONDENSATE DRAIN DETAIL
NONE

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
4747 MORENA BLVD., SUITE 100 SAN DIEGO, CA 92117
TELEPHONE 619-483-7700

1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-13529
REGISTRATION

FLOOR & ROOF PLANS

BLDG B

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

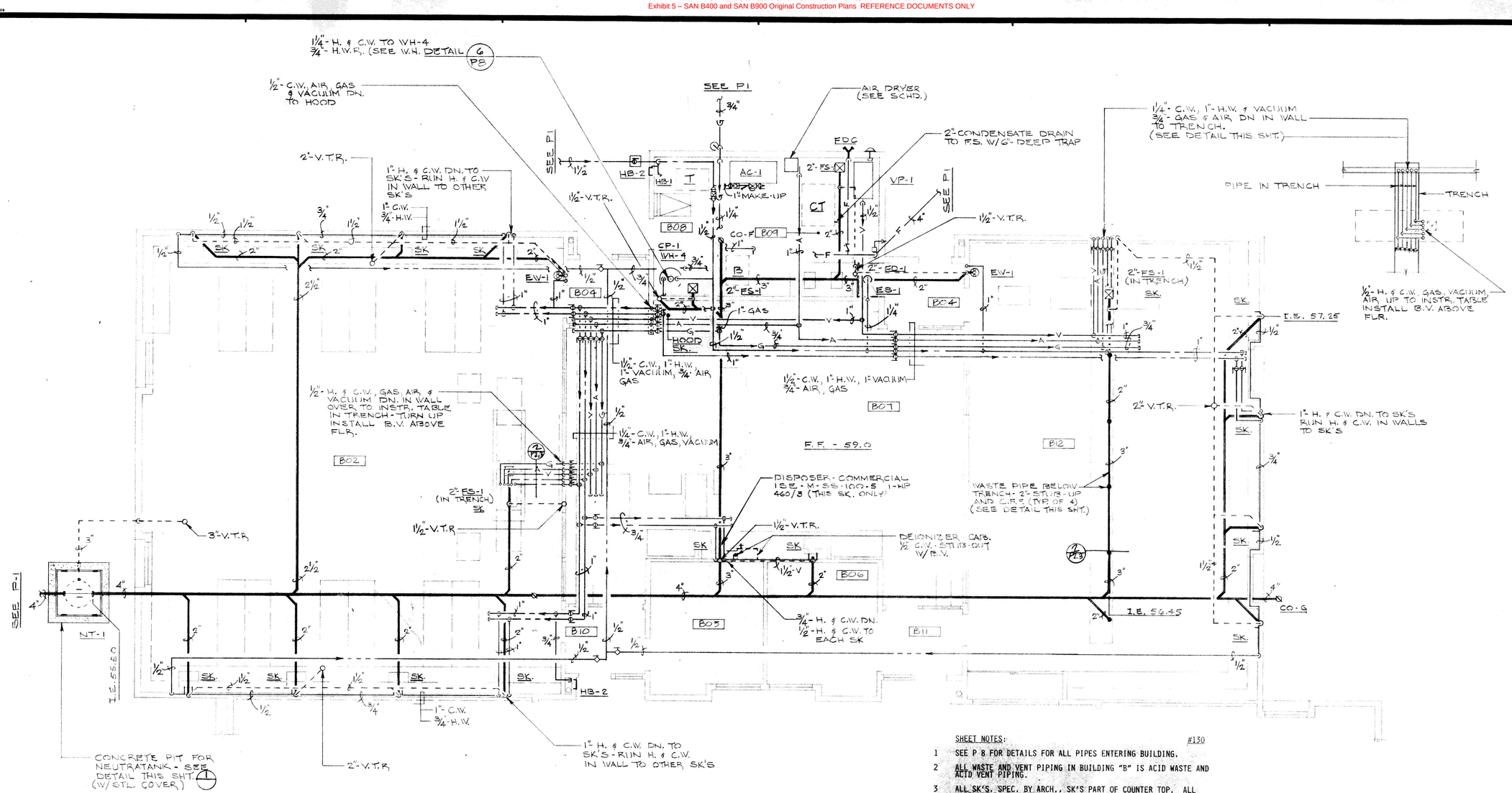
PROJECT
MCC #302

P2.2

DATE DEC 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

96709



SHEET NOTES: #130

1 SEE P 8 FOR DETAILS FOR ALL PIPES ENTERING BUILDING.

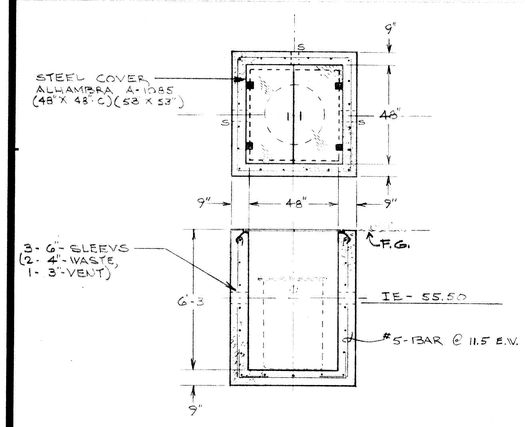
2 ALL WASTE AND VENT PIPING IN BUILDING "B" IS ACID WASTE AND ACID VENT PIPING.

3 ALL SK'S, SPEC. BY ARCH., SK'S PART OF COUNTER TOP. ALL HARDWARE BY PLUMBER. ALL DRAINS AND TRAPS-ACID RESISTANT MATERIAL.

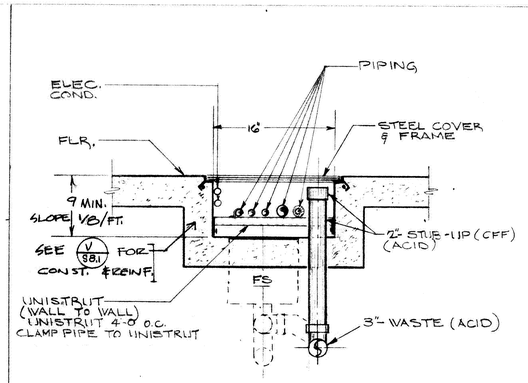
4 SLOPE ALL WASTE LINES 2" & 3" @ 1/4"-PER FT. 4"-WASTE LINE @ 1/8"-PER FT.

ENLARGED PLAN - ROOMS B02, B07, B08, B09 & B12

1/4" = 1'-0"



1 NEUTRALIZATION TANK PIT DETAIL



2 TRENCH PIPING DETAIL

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47446 APR 14 1987
APPROVED C. Winkelkamp

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
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TELEPHONE 619-483-7700

IP 10

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN KET
CHECKED KET
CHECKED GS

ARCHITECT C-25577 REGISTRATION

ENLARGED PLANS & DETAILS BLDG B

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
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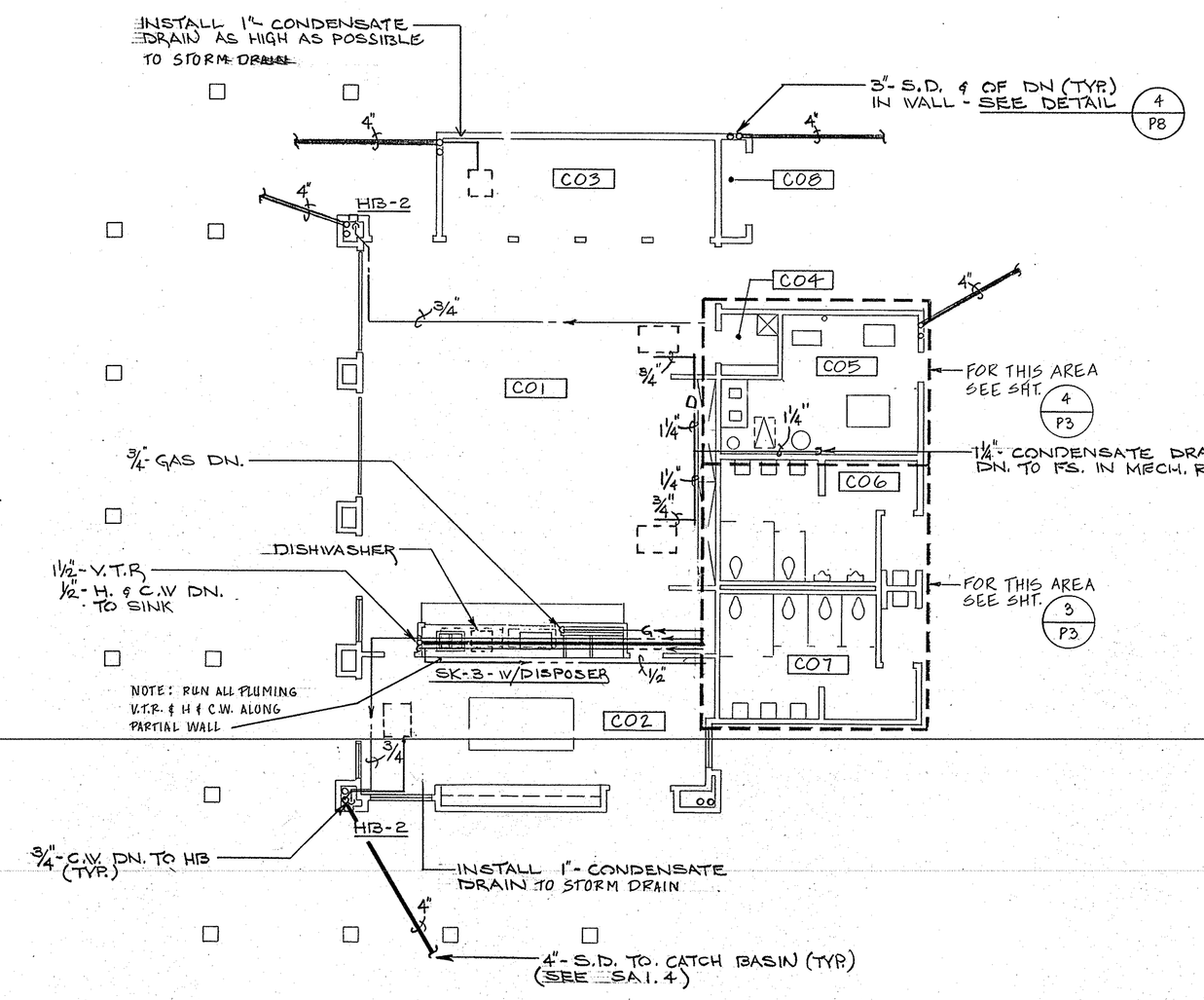
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT MCC #302

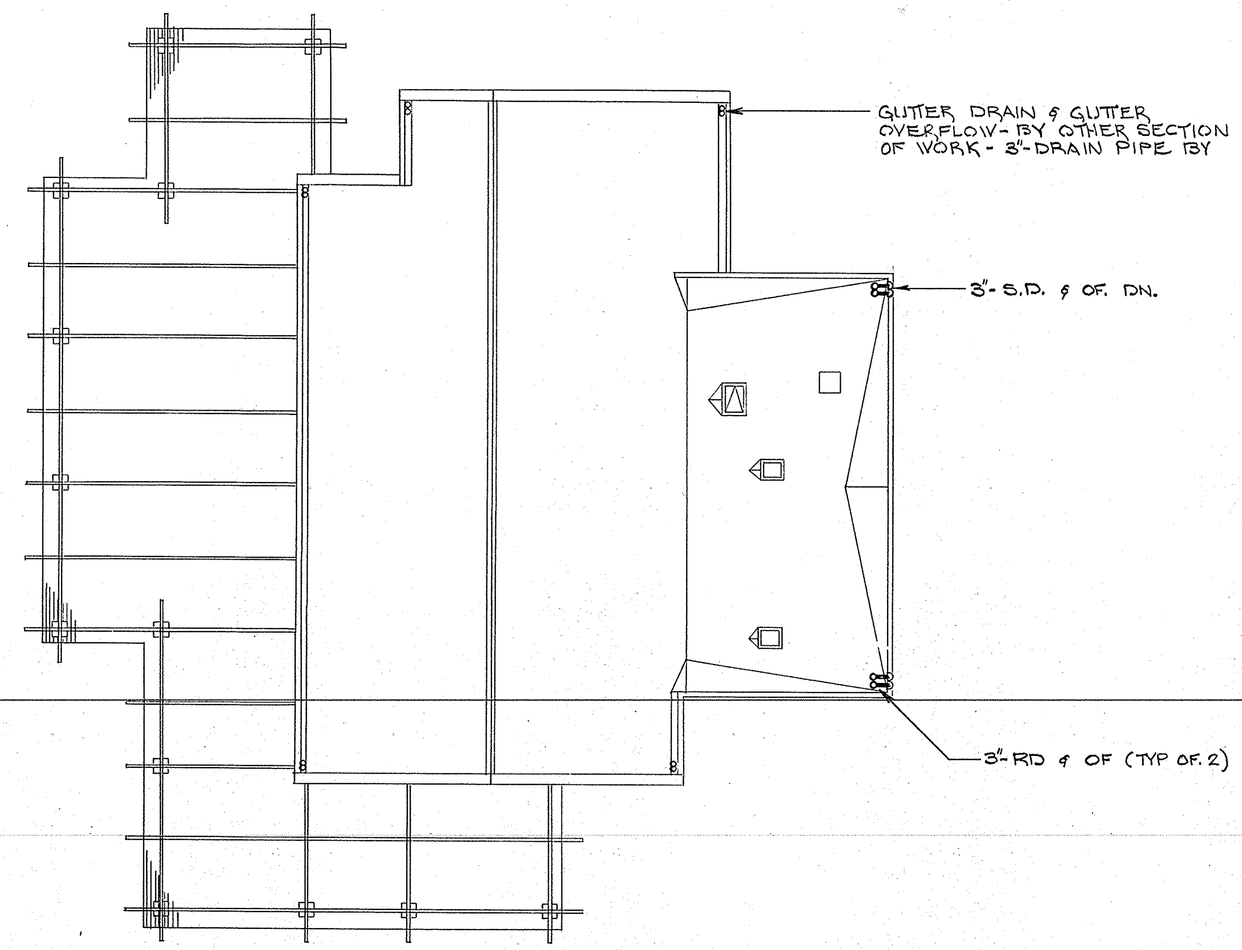
P23

DATE DEC. 1986

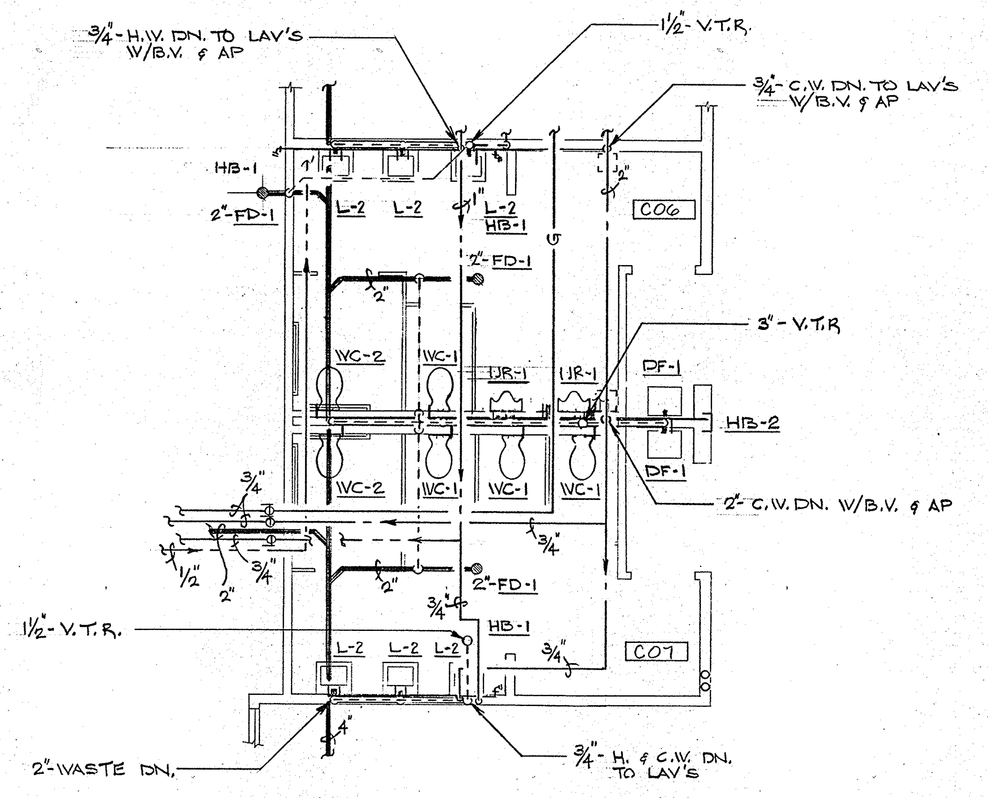
SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY



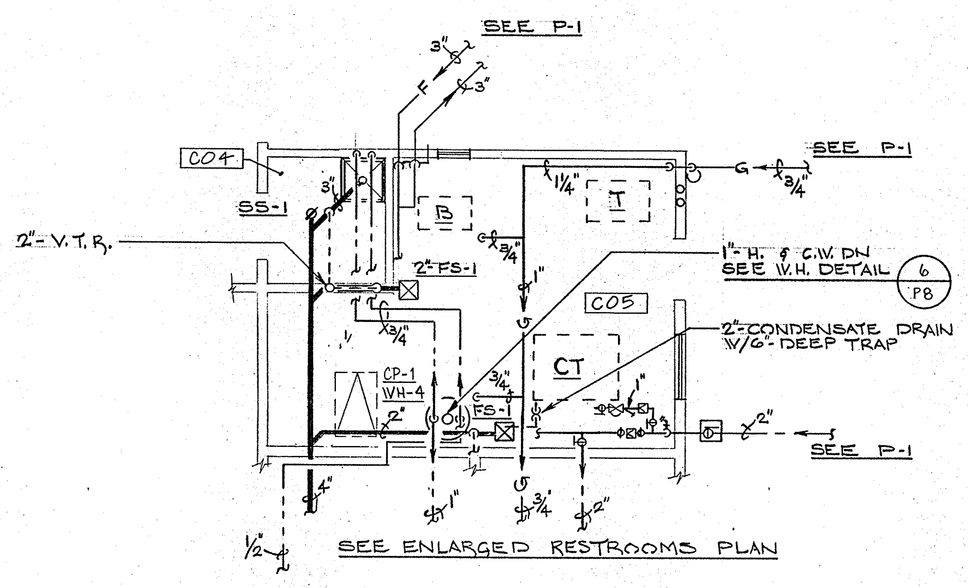
1 FLOOR PLAN - BUILDING "C"
1/8" = 1'-0"



2 ROOF PLAN
1/8" = 1'-0"



3 ENLARGED RESTROOMS PLAN - C06 & C07
1 1/4" = 1'-0"



NOTE
SEE P8 FOR DETAILS ON PIPES ENTERING MECH. RM.

4 ENLARGED MECHANICAL FLOOR PLAN - C05
1/4" = 1'-0"

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED
APPLICATION NO.

APPROVED
DSA STRUCTURAL ONLY

REGISTERED PROFESSIONAL ENGINEER
GEORGE W. KLEIN
No. 12455
MECHANICAL
STATE OF CALIFORNIA

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
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TELEPHONE 619-483-7700

1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

AS BUILT
General Contractor
Chamac Inc.
Escondido Calif.
Signed:

REVISIONS

DRAWN R.E.T.
CHECKED R.E.T.
CHECKED G.S.

ARCHITECT
C-3559
REGISTRATION

FLOOR & ROOF PLANS, ENLARGED RESTROOM & MECH. ROOM PLANS

BLDG C

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

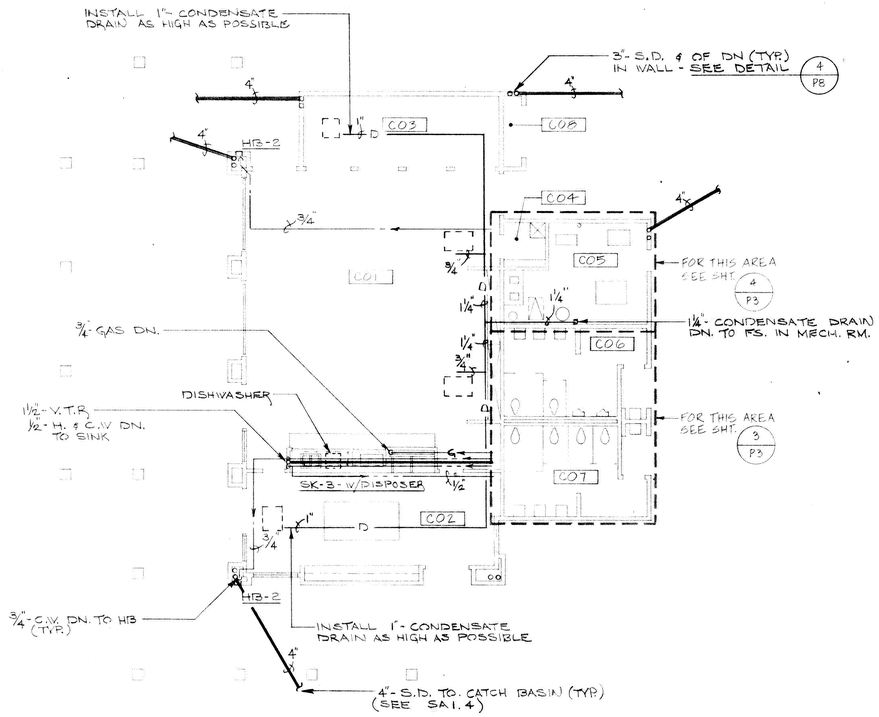
PROJECT
MCC #302

P3

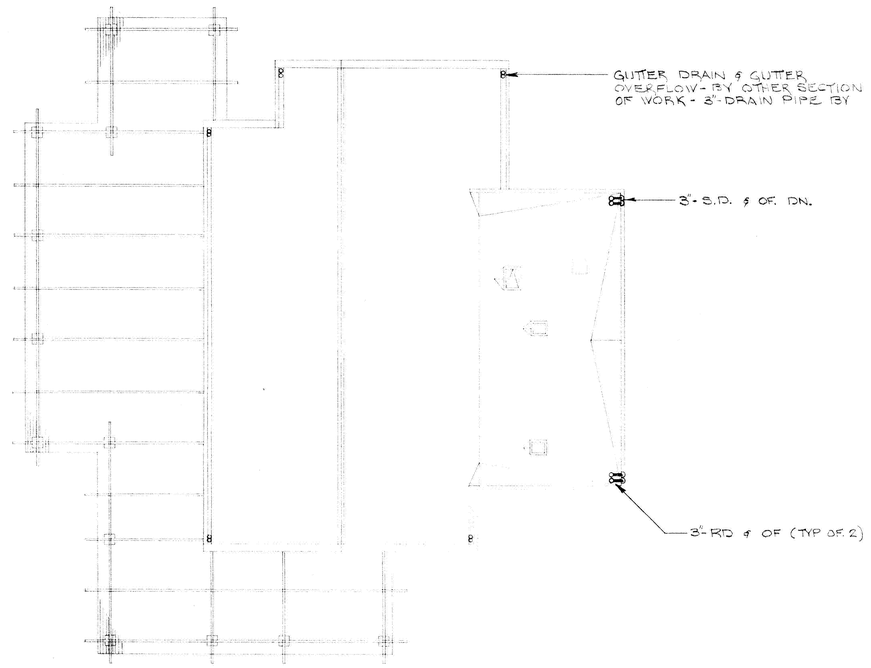
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

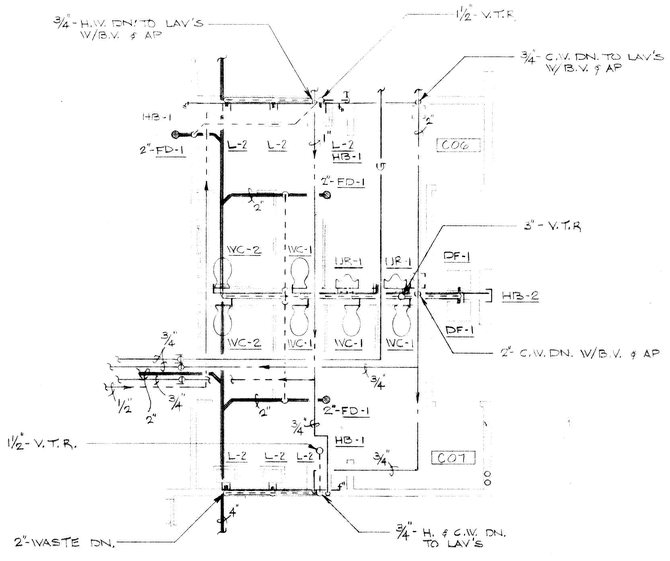
98709



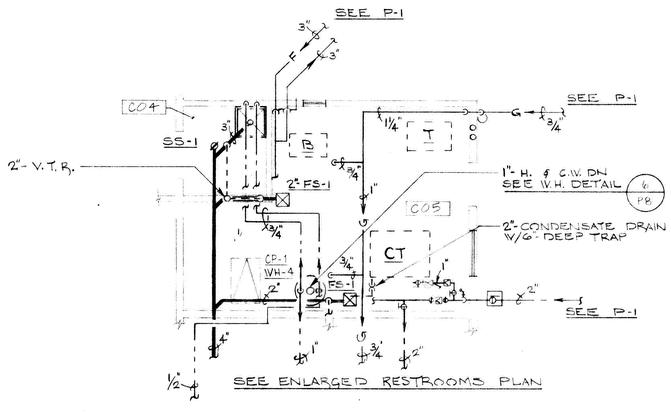
1 FLOOR PLAN - BUILDING C
1/8" = 1'-0"



2 ROOF PLAN
1/8" = 1'-0"



3 ENLARGED RESTROOMS PLAN - C06 & C07
1/4" = 1'-0"



NOTE
SEE P8 FOR DETAILS ON PIPES ENTERING MECH. RM.

4 ENLARGED MECHANICAL FLOOR PLAN - C05
1/4" = 1'-0"

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED C. Stokeld'amp

REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN R.E.T.
CHECKED R.E.T.
CHECKED J.S.L.

ARCHITECT C-13579 REGISTRATION

FLOOR & ROOF PLANS, ENLARGED RESTROOM & MECH. ROOM PLANS

BLDG C

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LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
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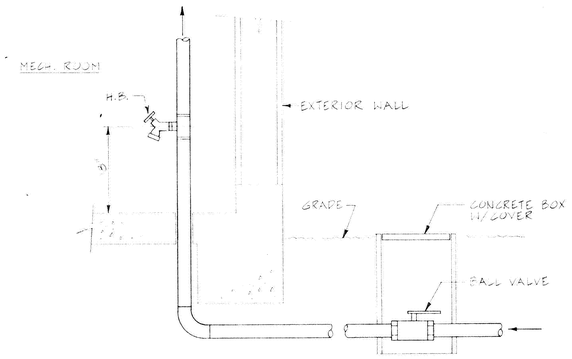
P3

DATE DEC. 1986

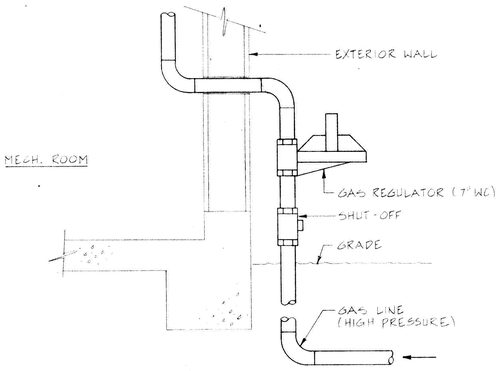
SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

96709



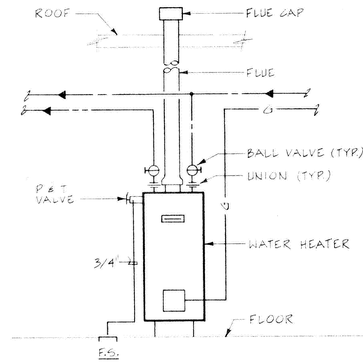
NOTE:
SEE PWG'S FOR SIZE OF WATER LINE INTO BUILDING

1 TYPICAL COLD WATER INTO BUILDING
NO SCALE



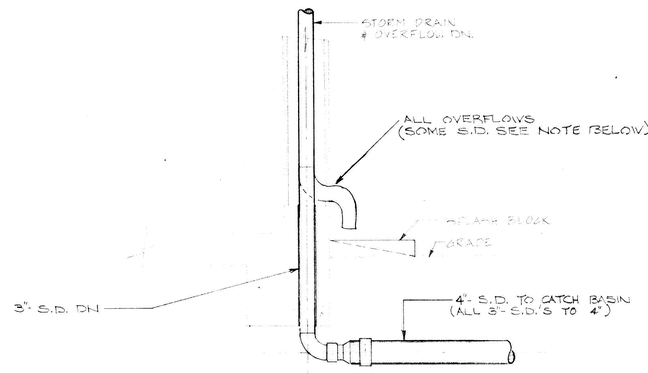
NOTE:
SEE PWG'S FOR SIZE OF GAS LINE UP TO BUILDING AND INTO BUILDING.

2 TYPICAL GAS LINE INTO BUILDING
NO SCALE



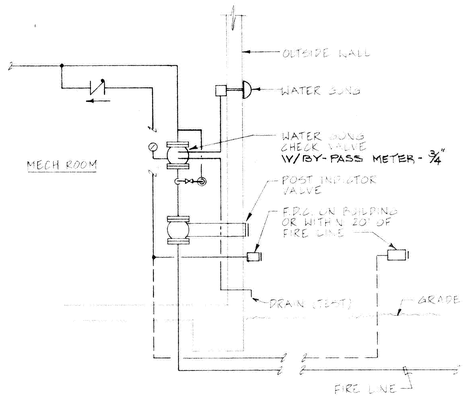
NOTE:
FOR SIZE OF PIPING SEE EACH BUILDING

3 WATER HEATER PIPING DETAIL
NO SCALE



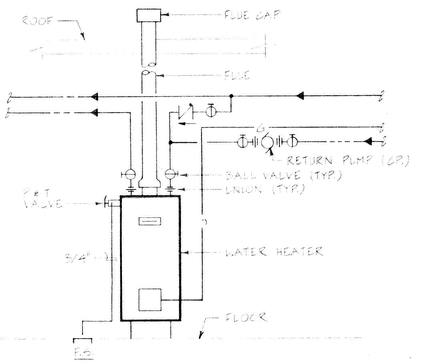
NOTE
SEE DWG'S FOR SIZES OF S.D. & OVERFLOW AND HOW S.D. LEAVES BUILDINGS

4 STORM DRAIN DETAIL
NO SCALE



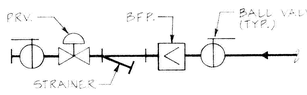
NOTE:
FOR SIZE OF FIRE LINE SEE EACH BUILDING

5 FIRE LINE DETAIL
NO SCALE

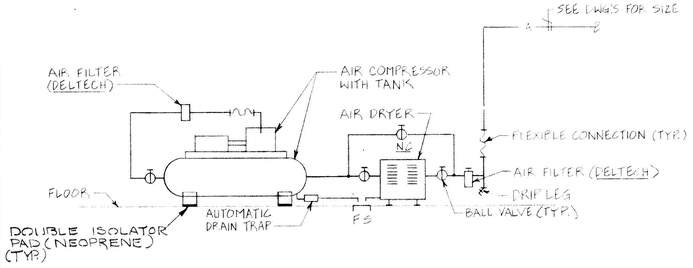


NOTE:
FOR SIZE OF PIPING SEE EACH BUILDING

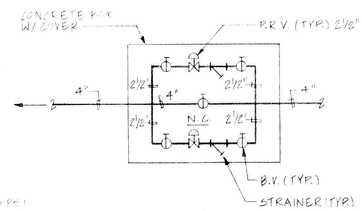
6 WATER HEATER PIPING DETAIL
NO SCALE



7 MAKE-UP WATER PIPING DETAIL
NO SCALE



8 AIR COMPRESSOR PIPING DETAIL
NO SCALE



NOTE:
SET @ 70 PSI

9 P.R.V. STATION PIPING DETAIL
NO SCALE

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47446 APR 14 1997
APPROVED
C. Dinkeldeen

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REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN K.L.S.
CHECKED K.L.S.
CHECKED G.S.

ARCHITECT C-13559 REGISTRATION

TYPICAL PLUMBING DETAILS

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PROJECT
MCC #302

P8
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans - REFERENCE DOCUMENTS ONLY

91573

PUMP SCHEDULE

TAG	LOCATION	SERVICE	G.P.M.	HEAD (FT.WG)	MIN. EFF.	MOTOR DATA H.P.	R.P.M.	V.	PH	REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS.)
CP-1	MECH. ROOM BUILDING A,B,C,E & F	HOT WATER RETURN	10	15	—	1/6	1750	120	1	NEXT TO WATER HEATER	B&G SERIES PR	35

AIR COMPRESSOR SCHEDULE

TAG	LOCATION	SERVICE	C.F.M. FREE AIR	PRESS. PSIG	RECEIVER SIZE GALLONS	MOTOR DATA H.P.	R.P.M.	V.	PH	SYSTEM DESIGN ON	OPER. WEIGHT (LBS.)
AC-1	BUILDING "B" MECH. ROOM	LAB-OUTLETS	9.4	100	80	3	1750	480	3	INGERSOLL-RAND SINGLE UNIT W/TANK, 235HNLD3 ZEKS-THERM AIR DRYER 10HSB-1/6-HP	625
AC-2	BUILDING "E" JAN. ROOM	AIR BUSHES +	18.5	100	80	5	1750	480	3	INGERSOLL-RAND SINGLE UNIT W/TANK, ST2NLD5 ZEKS-THERM AIR DRYER 18HSB-1/5-HP	800
AC-3	BUILDING "M" MECH. ROOM	———	26.5 - 125		80	7½	1750	480	3	INGERSOLL-RAND SINGLE UNIT W/TANK, ST2NLD7 ZEKS-THERM AIR DRYER 24HSB-1/3-HP	840

VACUUM PUMP SCHEDULE

TAG	LOCATION	SERVICE	C.F.M. FREE AIR	VACUUM INCHES HG.	RECEIVER SIZE GALLONS	MOTOR DATA H.P.	R.P.M.	V.	PH	SYSTEM DESIGN ON	OPER. WEIGHT (LBS.)
VP-1	BUILDING "B" MECH. ROOM	LAB OUTLETS	7.5	19	30	1½	1750	480	3	CHEMETRON - SIMPLEX DRY VACUUM PUMP - HORIZONTAL TANK M-62-11-0003	585

WATER HEATER SCHEDULE

TAG	LOCATION	STORAGE CAPACITY (GALS)	GAS INPUT (BTU)	ELECTRIC KW	V	PH		REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS)
WH-1	BUILDING "D" MECH. ROOM	5	———	3	480	1	———		A.O. SMITH DSE-5	125
WH-2	BUILDINGS "A" & "M" MECH. ROOM	30	30,000	———	———	———	———		A.O. SMITH PGC-30	377
WH-3	BUILDINGS "E" & "F" MECH. ROOM	50	40,000	———	———	———	———		A.O. SMITH PGC-50	590
WH-4	BUILDINGS "B" & "C" MECH. ROOM	75	75,000	———	———	———	———		A.O. SMITH PGC-75	934

FIXTURE SCHEDULE

TAG	FIXTURE	MIN. PIPE SIZE (INCHES) S.	V.	C.W.	H.W.	REMARKS	MFR. & MODEL NO.
WC-1	WATER CLOSET	4	2	1½	—		AMERICAN STANDARD "AFWALL" 2477.016, FLUSH VALVE - SLOAN 110-3 SEAT CHURCH 5321.112
WC-2	WATER CLOSET	4	2	1½	—	FOR HANDICAP 17"-19" TO SEAT TOP	AMERICAN STANDARD "AFWALL" 2477.016, FLUSH VALVE - SLOAN 110-3 SEAT CHURCH 5321.112
UR-1	URINAL	2	1½	1	—		AMERICAN STANDARD "ALLBROOK" 6540.017 FLUSH VALVE - 186
L-1	LAVATORY	2	1½	½	½		AMERICAN STANDARD "NEW LUCERNE" 0356.015 FAUCET - CHICAGO - 1409A-E12, DRAIN - 327
L-2	LAVATORY	2	1½	½	½	H.C.	AMERICAN STANDARD "NEW LUCERNE" 0356.015 FAUCET - CHICAGO - 409-E19, DRAIN - 327
DF-1	DRINKING FOUNTAIN	2	1½	½	—	ALL DRINKING FOUNTAIN AT HANDICAP HEIGHT	WESTERN MODEL 43-WC-2
SK-1	SINK	2	1½	½	½		JUST-SL-2017-A-GR. DRAIN - JV3ST, FAUCET - CHICAGO - 989-SPOUT - GN-8
SK-2	SINK	2	1½	½	½		JUST - SL - 2125 - A - GR. DRAIN - JV3ST, FAUCET - CHICAGO - 989 - SPOUT - GN - 8
SK-3	SINK	2	1½	½	½		JUST - DL - 2137 - A - GR. DRAIN - JV3ST, FAUCET - CHICAGO 201, DISPOSER - 15E - M-333/55
SS-1	SERVICE SINK	3	1½	¾	¾		WILLIAMS MODEL SB-502 3" - DRAIN, FAUCET - CHICAGO - 782-VB
HB-1	HOSE BIBB	—	—	¾	—	TOILET RM. MECH. RM.	ACORN - 8121-CP = TOILET ROOMS REG. BRASS HOSE BIBB IN MECH. ROOMS
HB-2	HOSE BIBB	—	—	¾	—	OUTSIDE ONLY	ACORN - 8151
EW-1	EYE WASH	2	1½	1	—	36" MAX. HT. TO BUBBLER.	WESTERN - 400-BT, INSTALL 1½ P. TRAP
ES-1	EMERGENCY SHOWER	3	1½	1¼	—		WESTERN - 823-H
SK	SINK	2	1½	½	½	SPEC. BY ARCH (ACID RESISTANT) (W/COUNTER TOP)	DRAIN & TRAP - 65R - MIXING FAUCET W/ DISAPPEARING GOOSENECK - R.F.D. LAB. TURRETS - (GAS, VACUUM, AIR) CHICAGO - 980-907
FD-1	FLOOR DRAIN	2	1½	—	—		SMITH - 2005-A
FS-1	FLOOR SINK	2	1½	—	—		SMITH - 3100-Y
RD-1	ROOF DRAIN	3	—	—	—		SMITH - 1010-Y
OF-1	OVERFLOW	3	—	—	—		SMITH - 1080-Y
SK-4	SINK	2	1½	½	½		JUST - DL - 2137 - A - GR. DRAIN - JV3ST, CHICAGO - 989 - SPOUT - GN-8, INTERCEPTOR - SMITH - 5714

NEUTRALIZATION TANK SCHEDULE

TAG	SERVICE	TYPE	O.D.	O.A.L.	PRIMARY TANK CAPACITY (GAL.)	INLET AND OUTLET	REMARKS	DRY W.T. (LBS.)
UT-1	BUILDING "B" OUTSIDE	CHEMICAL WASTE	31"	48"	150	4" & 4" 3"-VENT	ENFIELD INDUSTRIAL MODEL - T0150	1350

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED APPLICATION NO. — PRINCIPAL STRUCTURAL ENGINEER

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
47446 MAR 02 '87
APPLICATION FOR W. Jud Boise
NO. 215

REGISTERED PROFESSIONAL ENGINEER
OF CALIFORNIA

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8410

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED T.E.S.
CHECKED K.E.T.
G.S.

ARCHITECT C-3559 REGISTRATION

FIXTURE & MISC. SCHEDULES

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

P9

DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

96709

HEAT PUMP SCHEDULE

TAG	LOCATION	AIR QUANT. (CFM) (1)	EXT. S.P. (IN WG)	COOLING (2)							HEATING (3)			SYSTEM DESIGN ON	OPER. WEIGHT (LBS.)
				CAPACITY (MBH)			WATER QUANT. (GPM)	PRESS. DROP (FT.WG)	POWER INPUTS (WATTS)	E.E.R.	CAP. (MBH)	POWER INPUTS (WATTS)	COP.		
				SENS.	TOTAL	HT.REJ.									
HP-1	BLDGS A, B, C, D, E & F	300	0.20	6.46	8.5	11.3	2.30	12.2	810 (4)	10.5	9.6	820	3.50	TRANE MODEL 09	120
HP-2	BLDG A	340	0.20	8.06	10.6	14.1	2.80	13.0	1020 (4)	10.4	14.0	1110	3.70	TRANE MODEL 11	125
HP-3	BLDGS D & F	450	0.20	10.20	13.4	17.8	3.60	23.0	1280 (4)	10.5	16.40	1380	3.50	TRANE MODEL 13	130
HP-4	BLDGS A, E, & F	700	0.30	15.84	18.2	24.4	4.90	24.0	1820 (4)	10.0	22.0	1760	3.70	TRANE MODEL 19	175
HP-5	BLDGS B, D E & F	950	0.20	20.22	26.6	34.8	7.0	15.3	2420 (4)	11.0	29.50	2280	3.80	TRANE MODEL 27	205
HP-6	BLDG A, E, & F	1280	0.20	26.20	34.5	45.7	9.10	12.3	3300 (5)	10.4	42.0	3250	3.80	TRANE MODEL 35	260
HP-7	BLDGS A, E & F	1500	0.30	32.30	42.5	55.9	11.20	18.1	3950 (5)	10.7	47.0	3750	3.70	TRANE MODEL 43	275
HP-8	BLDGS B & D	1750	0.20	39.0	51.3	68.1	13.70	21.0	5140 (5)	10.0	59.0	4950	3.50	TRANE MODEL 52	350
HP-9	BLDGS B & F	2100 (6)	0.30	45.75	60.2	81.6	16.30	22	6260 (5)	9.6	77.0	6440	3.50	TRANE MODEL 61	405

(1) BASED ON STANDARD FACTORY MOTOR TAP CONNECTION (HIGH OR LOW SPEED)
(2) BASED ON 80°F FDB/66°F WB ENT. AIR TEMP AND 90°F ENT. WATER TEMP/100°F LWT.
(3) BASED ON 70°F EWT AND 63°F LWT.
(4) 208V, 1 PHASE
(5) 460V, 3 PHASE
(6) SHALL HAVE AUTO SHUTOFF AS PER M1009, TITLE 24 MECHANICAL CODE.

HEAT PUMP UNIT SCHEDULE

TAG	LOCATION	AIR QUANT. (CFM)	EXT. S.P. (IN WG)	COOLING CAP(MBH)		ENTERING AIR (°F)		AMB. AIR TEMP.(°F)	HEAT. CAP. (MBH)	ENT. AIR D.B. (°F)	AMB. AIR TEMP.(°F)	POWER INPUT(KW)		SYSTEM DESIGN ON	OPER. WEIGHT (LBS.)
				TOTAL	SENS.	D.B.	W.B.					COOLING	HEATING		
HP-10	BLDG M	280		9.0		80	67	95	8.0	70	47	1.06	0.89	CARRIER WALL PAC PACKAGED TERMINAL AIR CONDITIONER MODEL 52BG	140

COOLING TOWER SCHEDULE (CLOSED CIRCUIT)

TAG	LOCATION	MIN. NET CAP. (TR)	WATER			AMB. TEMP. (FWB)	FAN MOTOR			COOLER WATER PUMP				REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS)
			QUANT. (GPM)	IN (°F)	OUT (°F)		HP.	V.	PH.	GPM	HP.	V.	PH.			
CT-1A	BLDG A	11.0	30	90	100	72	3	460	3	35	1/3	120	1		B.A.C. MODEL VXI 9-1	1710
CT-1B	BLDG B	17.0	55	90	100	72	5	460	3	35	1/3	120	1		B.A.C. MODEL VXI 9-3	2150
CT-1C	BLDG C	9.5	30	90	100	72	3	460	3	35	1/3	120	1		B.A.C. MODEL VXI 9-1	1710
CT-1D	BLDG D	24.0	77	90	100	72	7 1/2	460	3	75	1/2	120	1		B.A.C. MODEL VXI 18-0	2480
CT-1E	BLDG E	24.3	78	90	100	72	7 1/2	460	3	75	1/2	120	1		B.A.C. MODEL VXI 18-0	2480
CT-1F	BLDG F	30.0	97	90	100	72	7 1/2	460	3	75	1/2	120	1		B.A.C. MODEL VXI 18-2	3160

LEGEND: #127

10x4	10 x 4	DUCT SIZE (1ST NUMBER INDICATES SIDE SHOWN)
TV		SQUARE ELBOW W/TURNING VANES
		ROUND ELBOW
E		EXTRACTOR
SD		SPLITTER DAMPER
MVD		MANUAL VOLUME DAMPER
FC		FLEXIBLE CONNECTION
FRD		FIRE DAMPER
R(D)	R(D)	RISE (DECLINE) IN DUCTWORK W/RESPECT TO AIR FLOW DIRECTION
		TOP TAKE-OFF W/EXTRACTOR
		SUPPLY DUCT SECTION
		RETURN DUCT SECTION
		EXHAUST DUCT SECTION
		CEILING SUPPLY OUTLET
		CEILING RETURN/EXHAUST INLET, RESPECTIVE
		SIDE WALL SUPPLY OUTLET
T		WALL THERMOSTAT
OA		OUTSIDE AIR
RA		RETURN AIR
SA		SUPPLY AIR
EA		EXHAUST AIR
DL		DOOR LOUVER
BV		BALL VALVE
GV		GATE VALVE
GLV		GLOBE VALVE
BFV		BUTTERFLY VALVE
CKV(-S)		CHECK VALVE - SWING (SILENT TYPE)
PV		PLUG VALVE
C		COCK
PRV		PRESSURE REDUCING VALVE
BP		BACK FLOW PREVENTER
FI		FLOW INDICATOR
S		STRAINER
TW		THERMOMETER WELL
TH		THERMOMETER
PG		PRESSURE GAUGE
PGC		PRESSURE GAUGE COCK
RV		RELIEF VALVE
TCV		TEMPERATURE CONTROL VALVE (3-WAY)
		FLANGE/UNION
FC		FLEXIBLE CONNECTION
		FLOW DIRECTION
		PITCH DOWNWARD
B/FI		BALANCE/FLOW INDICATOR

ABBREVIATIONS: #127

@	AT
A/C	ABOVE CEILING
BLDG.	BUILDING
BTUH	BRITISH THERMAL UNIT PER HOUR
C.S.(R)	CONDENSER WATER SUPPLY (RETURN)
C.F.M.	CUBIC FEET PER MINUTE
C.I.	CAST IRON
CK.V.	CHECK VALVE
CLG.	CEILING
CONC.	CONCRETE
COND.	CONDENSER
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRIDOR
C.W.	COLD WATER
D.B.	DRY BULB
D.L.	DOOR LOUVER
DN.	DOWN
E.A.	EXHAUST AIR
ENT.	ENTERING
FIN.	FINISH
FLR.	FLOOR
F.R.D.	FIRE DAMPER
FT.	FOOT OR FEET
H.B.	HOSE BIBB
HP.	HORSEPOWER
INT.	INTERIOR
IN.	INCH
JAN.	JANITOR
KW.	KILOWATT
LB.	POUND
LAB.	LABORATORY
MAX.	MAXIMUM
MECH.	MECHANICAL
MIN.	MINIMUM
M.PR.	MEDIUM PRESSURE
M.V.D.	MANUAL VOLUME DAMPER
MFR	MANUFACTURER
NO.	NUMBER
O.A.	OUTSIDE AIR
OPNG.	OPENING
P-(no.)	PUMP UNIT
P.D.	PRESSURE DROP
PH.	PHASE
P.O.C.	POINT OF CONNECTION
P.S.I.G.	POUNDS PER SQUARE INCH, GAUGE
R.A.	RETURN AIR
R.G.(L)(S)	REFRIGERANT GAS (LIQUID)(SUCTION)
RM.	ROOM
R.P.M.	REVOLUTIONS PER MINUTE
R.V.	RELIEF VALVE
S.A.	SUPPLY AIR
SCHED.	SCHEDULE
S.D.	SPLITTER DAMPER
SECT.	SECTION
SHT.	SHEET
S.S.P.	STATIC PRESSURE
STD.	STANDARD
STOR.	STORAGE
SUSP.	SUSPENDED
SQ.	SQUARE
T.	THERMOSTAT
TEMP.	TEMPERATURE
TYP.	TYPICAL
VT.	VOLT
W/	WITH
W.B.	WET BULB
W.G.	WATER GAUGE
X-(no.)	RETURN OR EXHAUST AIR UNIT

NOTE!
REFER TO DETAIL 8, SHEET S1.2 FOR TRENCHING AT FOUNDATIONS.

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE	22% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON STRUCTURE	50% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE - USE 1/3 X HORIZONTAL FORCE.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

OFFICE OF THE STATE ARCHITECT
SACRAMENTO, CALIFORNIA
A47446 APR 14 1987
APPROVED AS NOTED

APPROVED FOR PLANCHECK ONLY
APR 7 1987
MARSHALL BRADY

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
4747 MORENA BLVD., SUITE 100 SAN DIEGO, CA 92117
TELEPHONE 619 483-7700
1890

MIRACOSTA COLLEGE
SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN BDB
CHECKED E.R.S.
CHECKED J.S.

ARCHITECT C-3959 REGISTRATION

HEAT PUMP & COOLING SCHEDULES, LEGEND & ABBREVIATIONS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
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LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

M1

DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

98709

PUMP SCHEDULE

TAG	LOCATION	SERVICE	G.P.M.	HEAD (FT.WG)	MIN. EFF. %	MOTOR DATA H.P.	R.P.M.	V.	PH	REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS.)
P-1A	BLDG. A RM. A06	COND. WATER	30	55	38	1.5	1750	460	3		ALLIS CHALMERS SIZE 2 X 1.5 X 9 KEY 53 SERIES 2000 CLOSE-COUPLED	150
P-2A	BLDG. A RM. A06	COND. WATER	30	55	38	1.5	1750	460	3	STAND-BY UNIT	ALLIS CHALMERS SIZE 2X1.5X9 KEY 53 SERIES 2000 CLOSE-COUPLED	150
P-1B	BLDG. B RM. B08	COND. WATER	55	65	47	2.0	1750	460	3		ALLIS CHALMERS SIZE 2.5 X 2 X 9S KEY 56 SERIES 2000 CLOSE-COUPLED	160
P-2B	BLDG. B RM. B08	COND. WATER	55	65	47	2.0	1750	460	3	STAND-BY UNIT	ALLIS CHALMERS SIZE-2.5 X 2 X 9S KEY 56 SERIES 2000 CLOSE-COUPLED	160
P-1C	BLDG. C RM. C05	COND WATER	30	55	35	1.5	1750	460	3		ALLIS CHALMERS SIZE-1.5 X 1.5 X 9 KEY 51 SERIES 2000 CLOSE-COUPLED	150
P-2C	BLDG. C RM. C05	COND. WATER	30	55	35	1.5	1750	460	3	STAND-BY UNIT	ALLIS CHALMERS SIZE-1.5 X 1.5 X 9 KEY 51 SERIES 2000 CLOSE-COUPLED	150
P-1D	BLDG. D RM. D05	COND. WATER	77	65	63	3.0	1750	460	3		ALLIS CHALMERS SIZE-2.5 X 2 X 9L KEY 57 SERIES 2000 CLOSE-COUPLED	200
P-2D	BLDG. D RM. D05	COND WATER	77	65	63	3.0	1750	460	3	STAND-BY UNIT	ALLIS CHALMERS SIZE-2.5 X 2 X 9L KEY 57 SERIES 2000 CLOSE-COUPLED	200
P-1E	BLDG. E RM. B08	COND WATER	77	75	62	3.0	1750	460	3		ALLIS CHALMERS SIZE-2.5 X 2 X 9L KEY 57 SERIES 2000 CLOSE-COUPLED	200
P-2E	BLDG. E RM. B08	COND WATER	70	75	62	3.0	1750	460	3	STAND-BY UNIT	ALLIS CHALMERS SIZE-2.5X2X9L KEY 57 SERIES 2000 CLOSE-COUPLED	200
P-1F	BLDG. F RM. F10	COND WATER	97	84	60	5.0	1750	460	3		ALLIS CHALMERS SIZE-3 X 2 X 11 KEY 61 SERIES 2000 CLOSE-COUPLED	240
P-2F	BLDG. F RM. F10	COND. WATER	97	84	60	5.0	1750	460	3	STAND-BY UNIT	ALLIS CHALMERS SIZE-3X2X11 KEY 61 SERIES 2000 CLOSE-COUPLED	240

EXHAUST FAN SCHEDULE

TAG	LOCATION	AIR QUAN. (CFM)	STATIC PRESS (IN.WG)	MOTOR HP	MOTOR V	MOTOR PH	DRIVE	SOUND RATING SONES	REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS)
X-1A	BLDG. A RM. A08	140	0.15	1/50	120	1	DIRECT	3.2	CEILING TYPE	GREENHECK MODEL SP-17	30
X-1C	BLDG. C RM. C06	420	0.15	1/15	120	1	DIRECT	4.8	CEILING TYPE	GREENHECK MODEL SP-50	50
X-2C	BLDG. C RM. C07	420	0.15	1/15	120	1	DIRECT	4.8	CEILING TYPE	GREENHECK MODEL SP-50	50
X-3C	BLDG. C RM. C02	200	0.15	1/40	120	1	DIRECT	2.4	CEILING TYPE	GREENHECK MODEL SP-25	45
X-1D	BLDG. D RM. D04	80	0.15	1/125	120	1	DIRECT	1.1	CEILING TYPE	GREENHECK MODEL SP-8	30
X-1E	BLDG. E RM. E10	440	0.125	1/15	120	1	DIRECT	4.7	CEILING TYPE	GREENHECK MODEL SP-50	50
X-2E	BLDG. E RM. E09	440	0.125	1/15	120	1	DIRECT	4.7	CEILING TYPE	GREENHECK MODEL SP-50	50
X-3E	BLDG. E RM. E07	300	0.25	1/15	120	1	DIRECT	5.3	CEILING TYPE	GREENHECK MODEL SP-27	35
X-1F	BLDG. F RM. F26	750	0.25	1/6	120	1	DIRECT	4.6	CABINET TYPE	GREENHECK MODEL CSP-160	80
X-2F	BLDG. F RM. F20	150	0.15	1/80	120	1	DIRECT	2.3	CEILING TYPE	GREENHECK MODEL SP-17	30
X-3F	BLDG. F RM. F06	210	0.15	1/40	120	1	DIRECT	2.4	CEILING TYPE	GREENHECK MODEL SP-25	35
X-1M	BLDG. M RM. M04	150	0.15	1/50	120	1	DIRECT	3.2	CEILING TYPE	GREENHECK MODEL SP-17	30
X-4C	BLDG. C RM. C04	80	0.15	1/125	120	1	DIRECT	1.1	CEILING TYPE	GREENHECK MODEL SP-8	30
X-2M	BLDG. M A/C RM. M03	1330	0.50	1/4	120	1	BELT	7.4	IN-LINE	GREENHECK MODEL BSQ 14-4	140
X-3M	BLDG. M A/C RM. M06	1000	0.50	1/4	120	1	BELT	9.1	IN-LINE	GREENHECK MODEL BSQ 13-4	120

EXPANSION TANK SCHEDULE

TAG	LOCATION	SERVICE	TANK CAPACITY (GAL.)	SIZE (D. X L.) (INCHES)	REMARKS	DRY W.T. (LBS.)
ET-1A	BLDG. A RM. A06	COND. WATER	15	12 X 33		50
ET-1B	BLDG. B RM. B08	COND. WATER	15	12 X 33		50
ET-1C	BLDG. C RM. C05	COND. WATER	15	12 X 33		50
ET-1D	BLDG. D RM. D05	COND. WATER	24	12 X 51		70
ET-1E	BLDG. E RM. B08	COND. WATER	24	12 X 51		70
ET-1F	BLDG. F RM. F10	COND. WATER	24	12 X 51		70

HOT WATER GENERATOR SCHEDULE SHALL HAVE AUTO SHUTOFF PER M1009, TITLE 24, MECH CODE

TAG	LOCATION	SERVICE	CAPACITY (MBH) INPUT	CAPACITY (MBH) OUTPUT	GAS INPUT (CFH)		WATER QUAN. (GPM)	TEMPERATURE(°F) ENT.	TEMPERATURE(°F) LEAV.	REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS)
HG-1A	BLDG. A RM. A06	COND. WATER	100,000	82,000	100		8.2	65	85		PEERLESS SERIES 81 MODEL G-8108 GAS FIRED, CAST IRON	370
HG-1B	BLDG. B RM. B08	COND. WATER	150,000	122,000	150		12.2	65	85		PEERLESS SERIES 81 MODEL G-8104 GAS FIRED, CAST IRON	440
HG-1C	BLDG. C RM. C05	COND. WATER	100,000	82,000	100		8.2	65	85		PEERLESS SERIES 81 MODEL G-8103 GAS FIRED, CAST IRON	370
HG-1D	BLDG. D RM. D05	COND. WATER	250,000	200,000	250		20.4	65	85		PEERLESS SERIES 81 MODEL G-8106 GAS FIRED, CAST IRON	580
HG-1E	BLDG. E RM. B08	COND. WATER	250,000	200,000	250		20.4	65	85		PEERLESS SERIES 81 MODEL G-8106 GAS FIRED, CAST IRON	580
HG-1F	BLDG. F RM. F10	COND. WATER	300,000	240,000	300		24.5	65	85		PEERLESS SERIES 81 MODEL G-8107 GAS FIRED, CAST IRON	650

UNIT HEATER SCHEDULE

TAG	LOCATION	BTUH INPUT	BTUH OUTPUT	CFM	BLOWER HP	BLOWER V.	BLOWER PH	BLOWER FULL LOAD (WATTS)	BLOWER RPM	VENT SIZE	REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS.)
UH-1	BLDG. M RM. M01	45,000	36,000	600	1/30	120	1	150	1550	4"	GAS FIRED	ITT REZNOR MODEL CEEXL 45	75
UH-2	BLDG. M RM. M06	30,000	24,900	500	1/30	120	1	150	1550	4"	GAS FIRED	ITT REZNOR MODEL CEEXL 30	80

FUME HOOD EXHAUST FAN SCHEDULE

TAG	LOCATION	AIR QUAN. (CFM)	STATIC PRESS (IN.WG)	MOTOR HP	MOTOR V	MOTOR PH	DRIVE	SOUND RATING SONES	REMARKS	SYSTEM DESIGN ON	OPER. WEIGHT (LBS)
X-1B	BLDG. B RM. B07	700	.62	1/2	115	1	BELT	—	ROOF MOUNTED	LABCONCO MODEL 70607	93

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47446 APR 14 1987
APPROVED
APPROVED AS NOTED
C. Sinkeldam

APPROVED
I.H. ACCESSIBILITY ONLY
APR - 7 1987
DSA

REGISTERED PROFESSIONAL ENGINEER
GLEN LEE
No. 15
STATE OF CALIFORNIA

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
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1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-2559
REGISTRATION

PUMP, EXHAUST FAN, EXPANSION TANK, HOT WATER & HEATER SCHEDULES

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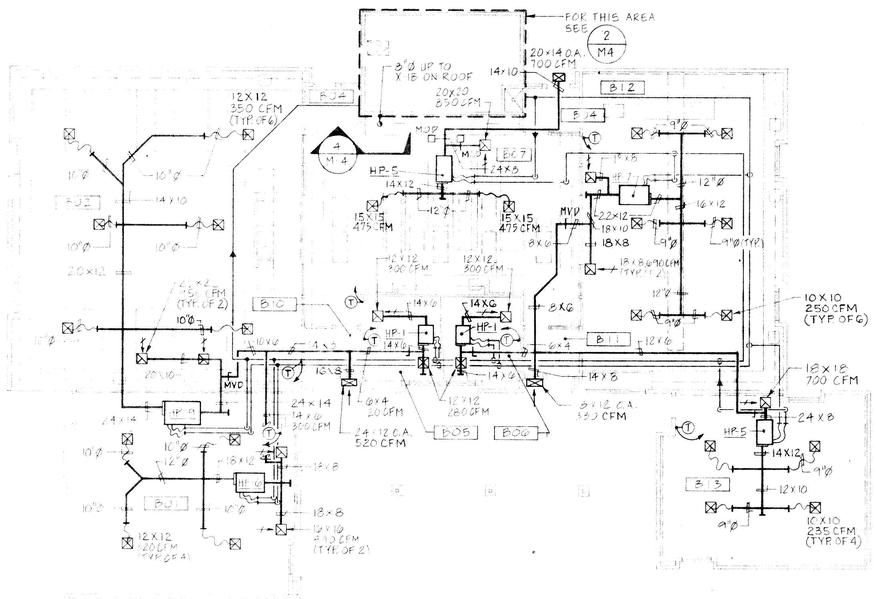
PROJECT
MCC #302

M2

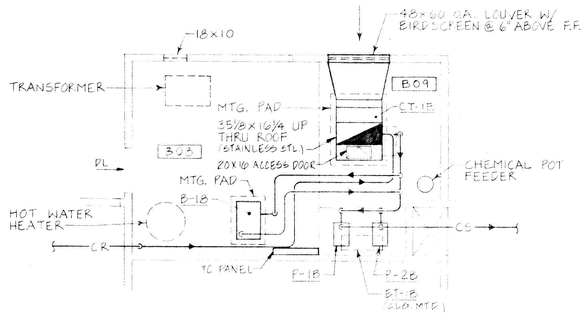
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

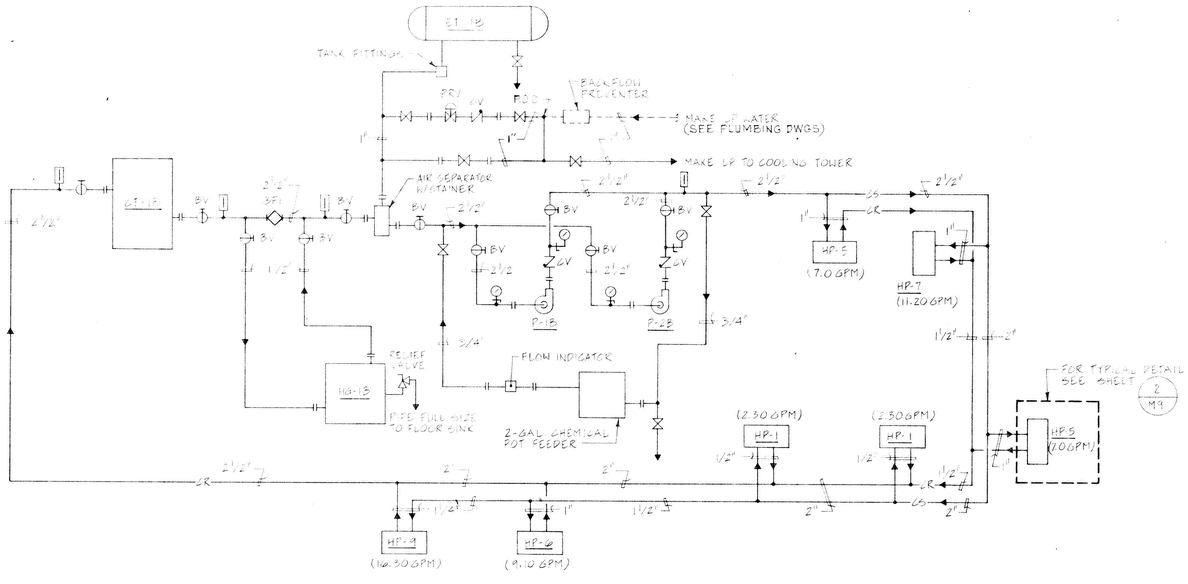
98709



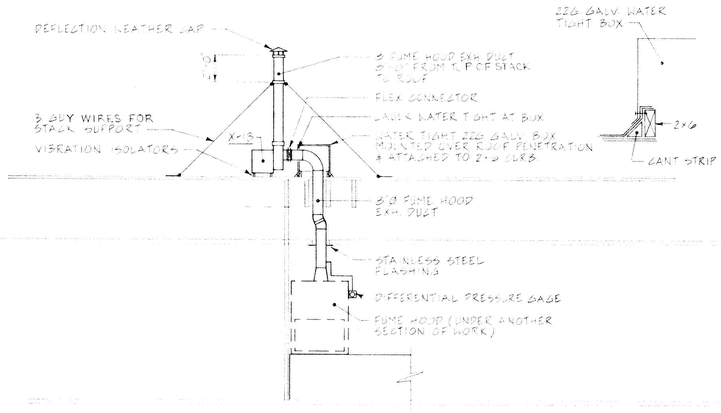
1 FLOOR PLAN - BUILDING "B"
1/8"=1'-0"



2 ENLARGED MECHANICAL ROOM PLAN - ROOM B08
1/4"=1'-0"



3 CONDENSER WATER PIPING DIAGRAM - BLDG. "B"
NO SCALE



4 FUME HOOD EXHAUST SECTION - ROOM 507
1/4"=1'-0"

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
AA7446 APR 14 1987
APPROVED APPLICATION NO.

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1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3559 REGISTRATION

FLOOR PLAN, ENLARGED MECH. ROOM PLAN AND PIPING DIAGRAM

BLDG B

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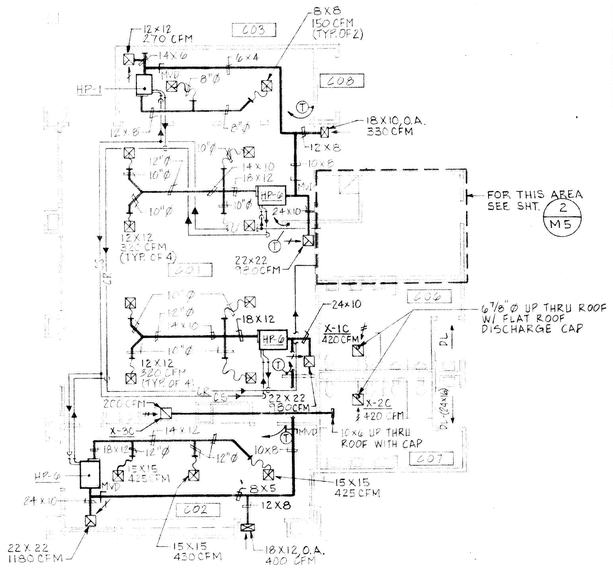
PROJECT
MCC #302

M4

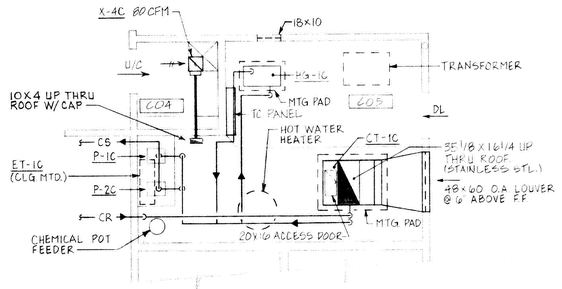
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

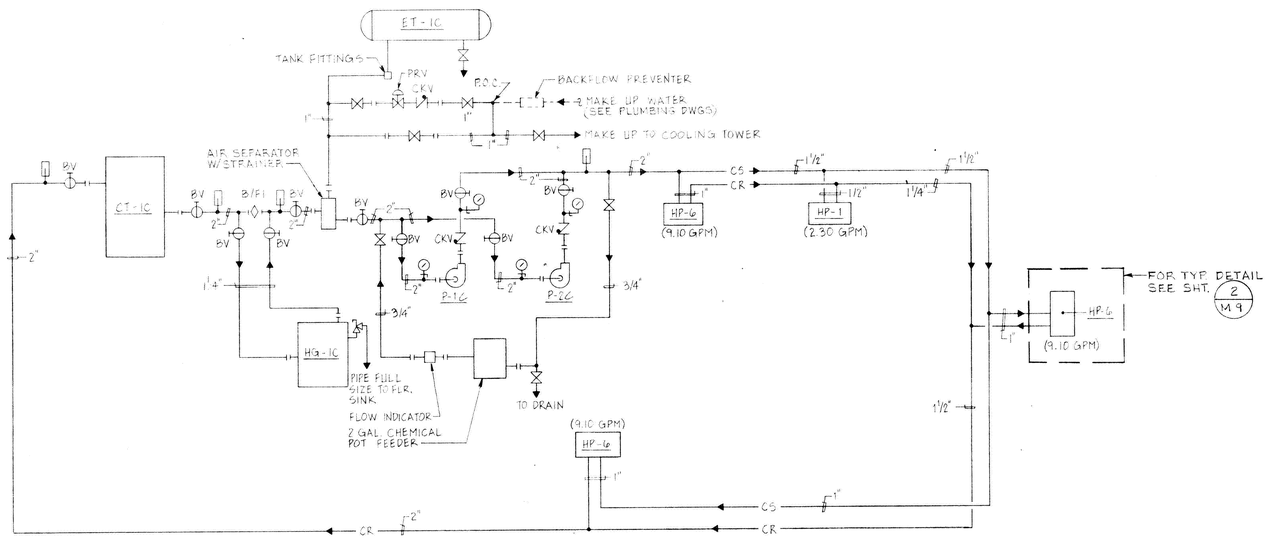
B6709



1 FLOOR PLAN - BUILDING "C"
1/8"



2 ENLARGED MECHANICAL ROOM PLAN - C05
1/4" = 1'-0"



3 CONDENSER WATER PIPING DIAGRAM - BLDG. "C"
NO SCALE

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY (OSHPD)
#47446 APR 14 1987
APPROVED
APPLICATION NO.

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
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1990

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN T.F.
CHECKED E.R.G.
CHECKED R.S.

ARCHITECT C-2559
REGISTRATION

FLOOR PLAN, ENLARGED MECH. ROOM PLAN AND PIPING DIAGRAM

BLDG C

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
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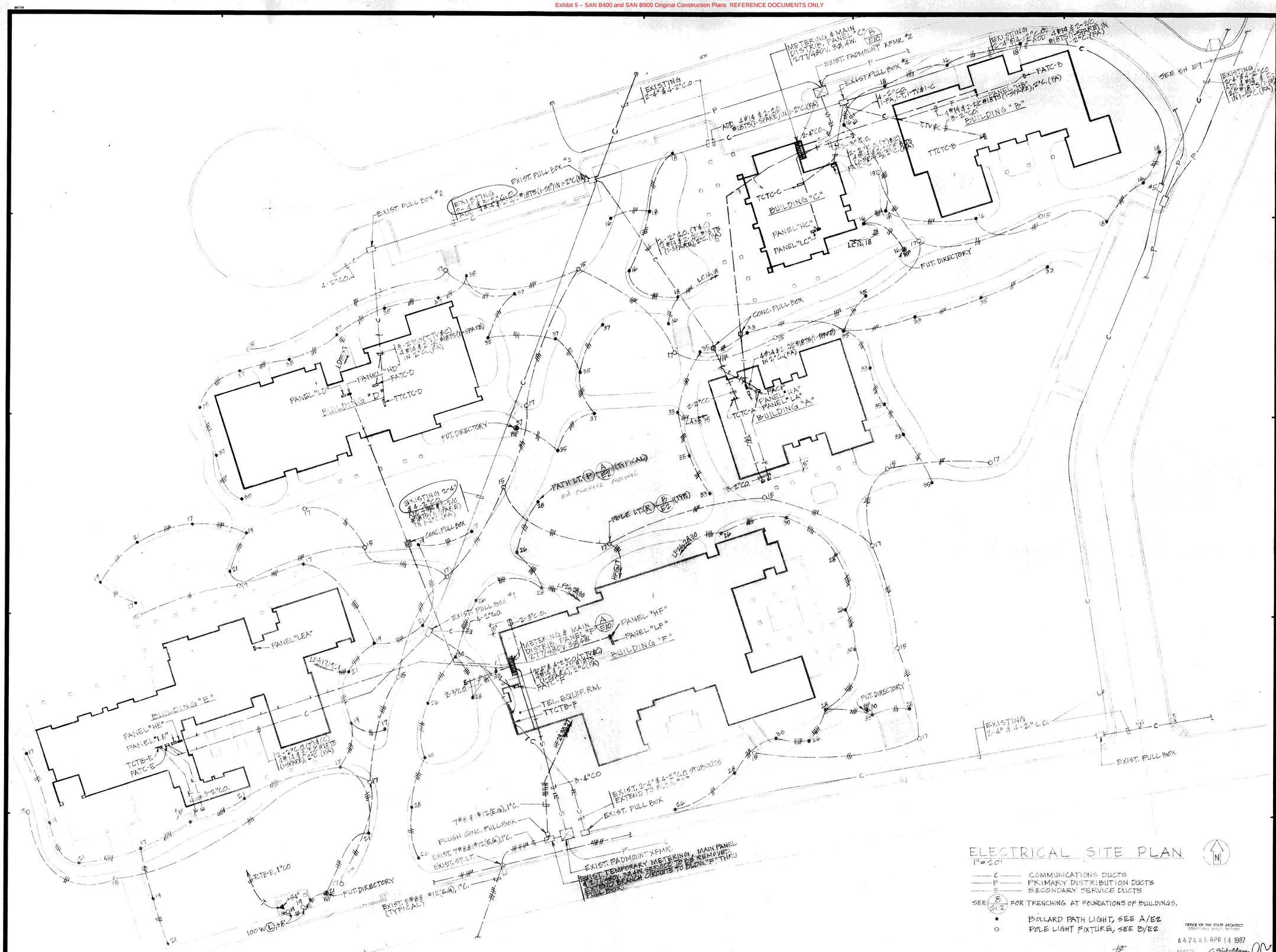
PROJECT
MCC #302

M5

DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans: REFERENCE DOCUMENTS ONLY

98709



ELECTRICAL SITE PLAN

1"=20'

——C—— COMMUNICATIONS DUCTS
——P—— PRIMARY DISTRIBUTION DUCTS
——S—— SECONDARY SERVICE DUCTS

SEE (8/S1.2) FOR TRENCHING AT FOUNDATIONS OF BUILDINGS,

• BOLLARD PATH LIGHT, SEE A/E2
○ POLE LIGHT FIXTURE, SEE B/E2

87	
166	
20	
3320	

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SYSTEMS
A47446 APR 14 1987
APPROVED C. Strickland

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1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3557
REGISTRATION

ELECTRICAL SITE PLAN

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
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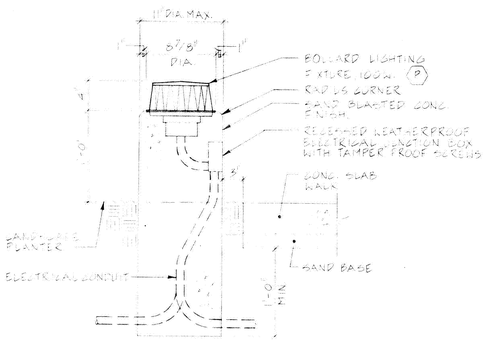
PROJECT
MCC #302

E1

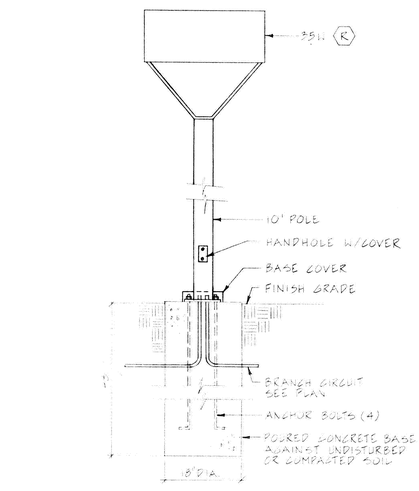
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

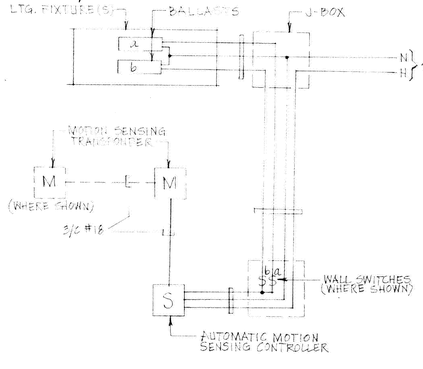
96709



A / E2 PATH / BORDER LIGHT DETAIL
NO SCALE



B / E2 POLE BASE DETAIL
NO SCALE



C / E2 AUTOMATIC LIGHTING CONTROL DIAGRAM
NO SCALE

LIGHTING FIXTURE SCHEDULE #128

TYPE	DESCRIPTION
A	RECESSED FLUORESCENT LAY-IN, 2' X 4', WITH 3" DEEP PARABOLIC LOUVER AND 4-34 WATT F40 LAMPS. LITHONIA #2PM3GB-440-32-277-ES OR APPROVED EQUAL.
A1	SAME AS (A) EXCEPT 2' X 2' WITH 2-35 WATT F40U/6 LAMPS. LITHONIA #2PM3GB-2U40-16-277-ES.
B	SAME AS (A) EXCEPT WITH 3-34 WATT F40 LAMPS. LITHONIA #2PM3GB-340-24-277-ES OR APPROVED EQUAL.
B1	SAME AS (B) EXCEPT WITH OVERLAPPING FLANGED TRIM.
C	SURFACE FLUORESCENT WRAPAROUND, 4' WITH ACRYLIC PRISMATIC LENS AND 4-34 WATT F40 LAMPS. LITHONIA #LB440A-277-ES-SR OR APPROVED EQUAL.
D	WALL MOUNT FLUORESCENT, 3', WITH UP AND DOWN LIGHT AND 2-30 WATT F30T12 LAMPS. LITHONIA #22HB44-230-WUD-277-ES OR APPROVED EQUAL.
E	UNIVERSAL MOUNT EXIT LIGHT WITH NORMAL AND SELF-POWERED EMERGENCY OPERATION, STENCIL FACE, 2-20 WATT T6-1/2 NORMAL LAMPS AND BLACK HOUSING. LITHONIA #XS-1G-EL OR APPROVED EQUAL.
F	SUSPENDED FLUORESCENT WITH UP AND DOWN LIGHT, 20' LONG, 20-34 WATT F40 LAMPS AND 3-SWIVEL STEM (EARTHQUAKE APPROVED) HANGERS. PEERLESS #3DS-LDMS-20 OR APPROVED EQUAL.
F1	SAME AS (F) EXCEPT 32' LONG WITH 32-34 WATT F40 LAMPS AND (4) 4' HANGERS. GARDCO #S61-BBL-2/2-40RS-32-WE-277-ES OR APPROVED EQUAL.
G	RECESSED FLUORESCENT LAY-IN, 2' X 4', WITH ACRYLIC #12 (.125") DIFFUSER AND 3-34 WATT F40 LAMPS. LITHONIA #2GT 340-A12.125-277-ES OR APPROVED EQUAL.
H	SAME AS (G) EXCEPT WITH 4-34 WATT F40 LAMPS. LITHONIA #2GT440-A12.125-277-ES OR APPROVED EQUAL.
I	SURFACE FLUORESCENT, 8', WITH PRISMATIC ACRYLIC DIFFUSER AND 2-34 WATT F40 LAMPS IN TANDEM. LITHONIA #8TCA-140-AR-277-ES-DL OR APPROVED EQUAL.
I1	SAME AS (I) EXCEPT WITH 4-34 WATT F40 LAMPS IN TANDEM. LITHONIA #8TCA-240A-277-ES OR APPROVED EQUAL.
I2	SAME AS (I1) EXCEPT 4' WITH 2-34 WATT F40 LAMPS. LITHONIA #CA240A-277-ES OR APPROVED EQUAL.
J	FLUORESCENT STRIPLIGHT, 4' WITH 1-34 WATT F40 LAMP, CEILING SPACERS AND WIRE GUARD. LITHONIA #C140-277-ES OR APPROVED EQUAL.
J1	SAME AS (J) EXCEPT 8' WITH 2-34 WATT F40 LAMPS IN TANDEM. LITHONIA #8TC140-277-ES OR APPROVED EQUAL.
J2	SAME AS (J) EXCEPT WITH 2-34 WATT F40 LAMPS. LITHONIA #C240-277-ES OR APPROVED EQUAL.
J3	SAME AS (J2) EXCEPT 8' WITH 4-34 WATT F40 LAMPS IN TANDEM. LITHONIA #8T240-277-ES OR APPROVED EQUAL.
K	EXTERIOR RECESSED DOWNLIGHT, WITH FLAT PRISMATIC GLASS LENS AND 75 WATT R40/FL LAMP. DEVINE #E600-ING-120V-L OR APPROVED EQUAL.
K1	SAME AS (K) EXCEPT WITH CAST BAFFLE & 150 WATT R40/FL LAMP.
L	EXTERIOR WALL MOUNT WITH 100 WATT I.F. LAMP AND SATIN OPAL GLASS DIFFUSER. PRESCOLITE #4020 OR APPROVED EQUAL.
M	YARD LIGHT STANDARD LUMINAIRE, 90 WATT LOW PRESSURE SODIUM UNIT WITH EXTRUDED ALUMINUM HOUSING, ANODIZED ALUMINUM REFLECTOR, 120 VOLT BALLAST, BRONZE PAINTED FINISH & PHOTOCELL CONTROL. GARDCO #LP14ABOLPS12DBRP OR APPROVED EQUAL. LUMINAIRE SHALL BE MOUNTED TO A SQUARE STRAIGHT STEEL POLE, FINISH TO MATCH LUMINAIRE, 4" SQ. SHAFT, 7 GA., 20' HEIGHT, WITH BASE COVER, ANCHOR BOLTS AND LEVELING SHIMS. GARDCO #GSP20D1FBCBRP OR APPROVED EQUAL.
N	LIGHTING TRACK, SINGLE CIRCUIT, 20 AMP CAPACITY WITH T-BAR MOUNTING CLIPS, FEED-IN OUTLET BOX, ETC., HALO MINIATURE TRAC OR APPROVED EQUAL. FURNISH EACH LENGTH WITH FLOODLIGHT FIXTURES, HALO #L734 OR APPROVED EQUAL, COMPLETE WITH 150 WATT PAR 38/FL LAMPS, QUANTITIES AS INDICATED.
O	RECESSED FLUORESCENT FLANGED, 2' X 4', WITH ACRYLIC #12 (.125") DIFFUSER AND 4-34 WATT F40 LAMPS. LITHONIA #2FS440-A12.125-277-ES OR APPROVED EQUAL.
P	BOLLARD WALK LIGHT WITH 100 WATT I.F. LAMP. MOUNT ON CONCRETE PEDESTAL. KIM #3090N OR APPROVED EQUAL. SEE DETAIL A/E-2.
Q	LANDSCAPE WELL LIGHT WITH 100 WATT R40 MV LAMP. KIM #5152MV120 OR APPROVED EQUAL.
R	POLE LIGHT LUMINAIRE, 35 WATT LOW PRESSURE SODIUM UNIT, ALUMINUM HOUSING, SPAULDING #DO-35LPS-SS-ISF OR APPROVED EQUAL. MOUNT TO A SQUARE STRAIGHT STEEL POLE 10 FT. HIGH. FINISH TO MATCH LUMINAIRE.
A2	SAME AS (A1) EXCEPT WITH OVERLAPPING FLANGED TRIM.
A3	SAME AS (A) EXCEPT WITH OVERLAPPING FLANGED TRIM.

3 BUTTON CONTROL SWITCH
COMPUTER TERMINAL OUTLET AT +12" UON
C — COMPUTER SYSTEM, 3/4" C.O. UON
TV — T.V. SYSTEM, 3/4" C.O. UON
PHONE JACK OUTLET, +12" UON
100A, 30, 4W. RECEPTACLE, +12" UON
ISOLATED GROUND RECEPTACLE
LIGHT TRACK
CT — CABLE TRAY
FS — FLOW PRESSURE SWITCH, FASYSTEM (SFM 7770-077:34)
FACP — FIRE ALARM CONTROL PANEL (SFM 7165-026:64)
C — MAGNETIC CONTACT, SECURITY ALARM SYSTEM
SP — SONIC DETECTOR, " " "
IP — INFRARED DETECTOR, " " "
SACU — SECURITY ALARM CONTROL UNIT
VA — VISUAL ALARM LIGHT, FLASH @ 60/MIN., +7'-6" UON (SFM 7135-026:114)

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE	22% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	35% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON STRUCTURE	50% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE = USE 1/3 X HORIZONTAL FORCE.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

SYMBOLS AND ABBREVIATIONS #128

INCANDESCENT LIGHTING FIXTURE, BRACKET DENOTES WALL MOUNTED.
FLUORESCENT LIGHTING FIXTURE, SURFACE MOUNT.
FLUORESCENT RECESSED LIGHTING FIXTURE.
FLUORESCENT STRIPLIGHT FIXTURE.
FLOODLIGHT, SPOTLIGHT OR WALL WASHING FIXTURE.
POSTOP FIXTURE OR LIGHTING STANDARD OR BOLLARD.
EXIT LIGHT FIXTURE. DARKENED SECTION DENOTES FACE. ARROW DENOTES DIRECTIONAL ARROW.
(D) LIGHTING FIXTURE TYPE DESIGNATOR.
$_b — SINGLE POLE WALL SWITCH AT +4'-0" UON. LOWER CASE LETTER DENOTES OUTLETS CONTROLLED.

UPPER CASE LETTERS AND NUMBERS DENOTE THE FOLLOWING:

2 - 2 POLE
3 - 3 WAY
P - WITH PILOT LIGHT
K - KEY OPERATED
T - TOGGLE TYPE FRACTIONAL HP MANUAL MOTOR STARTER WITH THERMAL OVERLOADS

$a,b,etc. GANGED SWITCHES.
MOTION SENSING CONTROLLER, (C / E2)
M — MOTION SENSING TRANSPONDER,
DUPLEX CONVENIENCE RECEPTACLE AT +12" UON.
SINGLE CONVENIENCE RECEPTACLE AT +12" UON.
DOUBLE DUPLEX CONVENIENCE RECEPTACLE AT +12" UON.
DUPLEX CONVENIENCE RECEPTACLE WITH GROUND FAULT INTERRUPTER, HEIGHT AS NOTED.
FLUSH FLOOR DUPLEX RECEPTACLE.
PEDESTAL FLOOR DUPLEX RECEPTACLE.
SPECIAL POWER RECEPTACLE.
SPECIAL PURPOSE OUTLET AS DESCRIBED ON PLANS.
(J) JUNCTION BOX, FLUSH MOUNTED WITH BLANK DEVICE PLATE BRACKET DENOTES WALL MOUNTED.
TELEPHONE OUTLET AT +12" UON.
(T) FLUSH FLOOR TELEPHONE OUTLET.
(M) MOTOR CONNECTION.
SAFETY SWITCH, "F" DENOTES FUSED.
COMBINATION MAGNETIC MOTOR STARTER AND MOTOR SHORT CIRCUIT PROTECTOR UON. NUMBER DENOTES NEMA SIZE.
FIRE ALARM REPORTING STATION AT +4'-0" UON. (SFM 7150-026:11)
FIRE ALARM HORN AT +7'-6" UON. (SFM 7135-026:134)
CONDUIT CONCEALED IN WALLS OR CEILING.
CONDUIT CONCEALED IN FLOOR, UNDERFLOOR, OR BELOW GRADE.
CONDUIT EXPOSED.
FLEXIBLE CONDUIT.
#10 — CROSSMARKS DENOTE QUANTITY OF #12 WIRES IN BRANCH CIRCUIT CONDUITS. NO CROSSMARKS DENOTES TWO #12 WIRES. NUMBER ADJACENT TO CROSSMARKS DENOTES WIRE SIZE OTHER THAN #12 IN BRANCH CIRCUIT CONDUIT.
CONDUIT STUBOUT WITH CAP.
A-1,3,7 / #10 3/4" — HOMERUN TO PANEL AND CIRCUITS INDICATED.
T — TELEPHONE SYSTEM, 3/4" C.O. UON.
F — FIRE ALARM SYSTEM CONDUIT AND WIRE.
GROUND CONNECTION.
SURFACE RACEWAY (WIREMOLD), OUTLET SYMBOL DENOTES TYPE OF RECEPTACLE IN MULTIOUTLET ASSEMBLY. "12" DENOTES THE RECEPTACLE SPACING UON.
LIGHTING AND APPLIANCE PANELBOARD.
POWER PANEL.
TERMINAL CABINET.
EQUIPMENT CABINET OR PULL BOX.
(1) (2) etc. NUMBERED NOTE DESIGNATOR.
+4'-6" MOUNTING HEIGHT ABOVE FINISHED FLOOR OR GRADE.
WIRING DEVICES - TO CENTER OF DEVICE.
WALL BRACKET LIGHTING FIXTURE - TO CENTER OF FIXTURE BODY.
PENDANT MOUNTED LIGHTING FIXTURES - TO BOTTOM OF FIXTURE.

CO	CONDUIT ONLY.
WP	WEATHERPROOF ENCLOSURE.
UON	UNLESS OTHERWISE NOTED.
NTS	NOT TO SCALE.
TS	TIME SWITCH CONTROL OF LIGHTING FIXTURE CIRCUIT.
TTB	TELEPHONE TERMINAL BACKBOARD.
EG	EQUIPMENT GROUND WIRE.
	JUNCTION BOX ABOVE REMOVABLE CEILING
(F)	FAN CONNECTION
	POWER POLE
	DUPLEX MOTOR CONTROLLER WITH ALTERNATOR
TV	TELEVISION CABLE OUTLET
	DUPLEX CONV. OUTLET IN CEILING
(P)	PROJECTION SYSTEM OUTLET
	30A., 208V. 1Ø RECEPTACLE
	RECESSED LIGHTING FIXTURE
(K)	RELAY
R/T	RAINTIGHT

OFFICE OF THE STATE ARCHITECT STRUCTURAL SAFETY SECTION
A47446 APR 14 1997
APPROVED: C. Winkeldam
OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE SECTION
47446 MAR 02 97
APPLICATION PER M. Jud Bates DO-FS

APPROVED FOR FIRE AND PANIC ONLY
SAN DIEGO FIRE MARSHAL
SUBJECT TO LTR DATED

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
4747 MORENA BLVD., SUITE 100 SAN DIEGO, CA 92117
TELEPHONE 619-483-7700
1890

REGISTERED PROFESSIONAL ENGINEER — STEVE M. KLEIN — C 35590 — ELECTRICAL — STATE OF CALIFORNIA

MIRACOSTA COLLEGE
SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3559 REGISTRATION

LIGHT FIXTURE SCHEDULE, SYMBOLS & ABBREVIATIONS, LIGHT DETAILS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

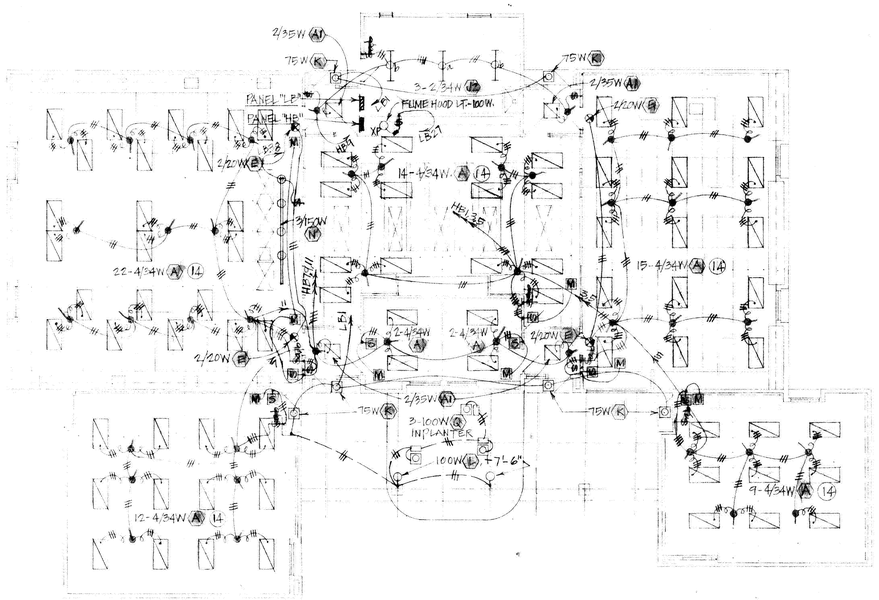
PROJECT
MCC #302

E2

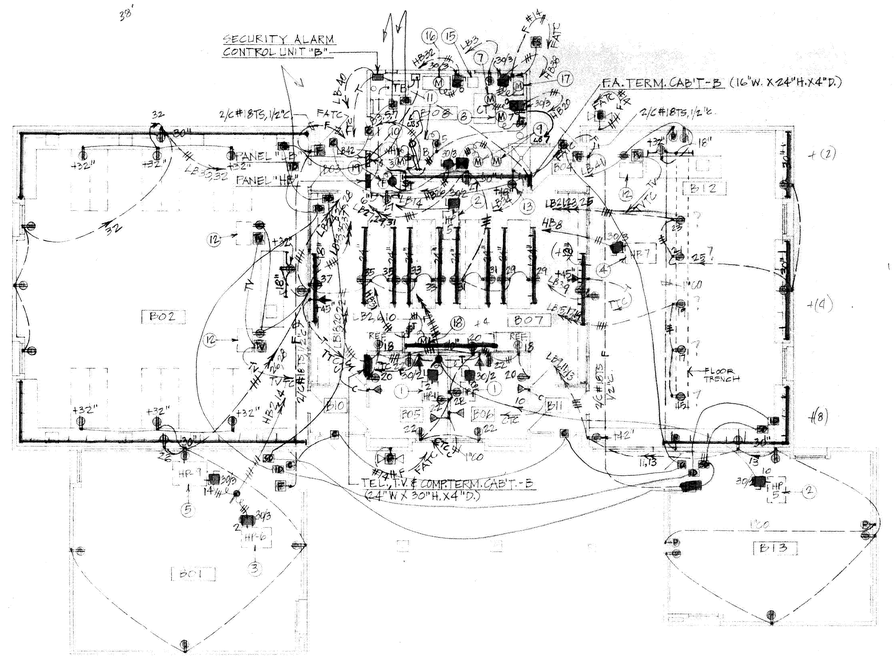
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

98709

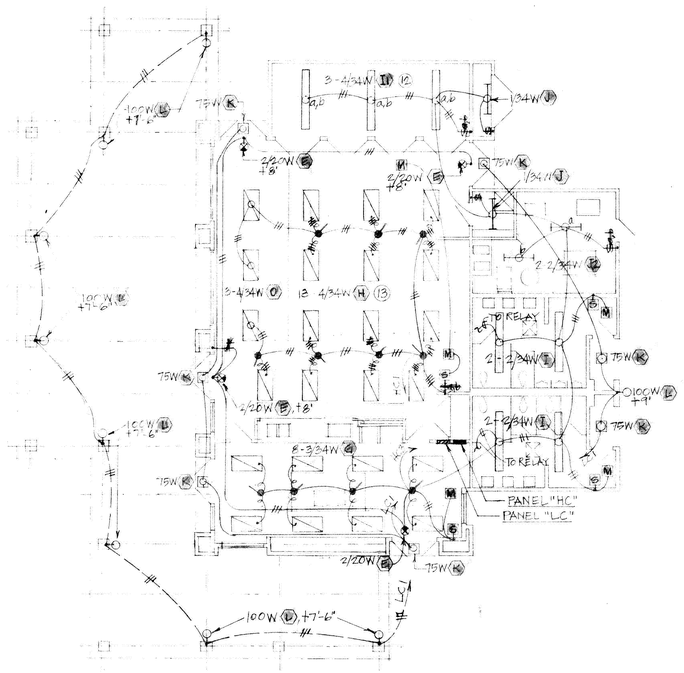


A LIGHTING PLAN
E4 1/8"=1'-0"

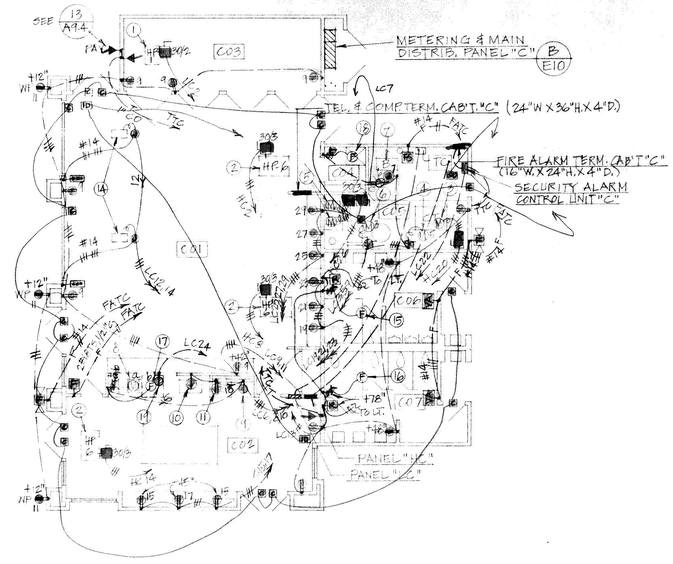


SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

96709



A E-5 LIGHTING PLAN
1/8" = 1'-0"



SEE SH. E10 FOR ELECTRICAL DISTRIBUTION DIAGRAM.

B E-5 POWER & COMMUNICATIONS PLAN
1/8" = 1'-0"

PANEL "HC" MAIN C/B TYPE NQOB EXTERNAL FLUSH MOUNTED TYPE NQOB

CIR	CIR BKR	LTS	C/O	MSC	VOLT-AMPS LOAD BUS A	BUS B	BUS C	LOCATION & REMARKS	LOCATION & REMARKS	VOLT-AMPS LOAD BUS A	BUS B	BUS C	LTS	C/O	MSC	CIR BKR	CIR
1	20/1				1716			[illegible]	[illegible]	1716					1	15/1	2
3		22				1716		[illegible]	[illegible]		1716						4
5							—	[illegible]	[illegible]			—				/1	6
7							—	[illegible]	[illegible]			—			1	15/1	8
9								[illegible]	[illegible]							/1	10
11								[illegible]	[illegible]							/1	12
13								[illegible]	[illegible]							15/1	14
15								[illegible]	[illegible]							/1	16
17								[illegible]	[illegible]							/1	18
19	50/2				1200			[illegible]	[illegible]	1265					1	15/1	20
21			2					[illegible]	[illegible]							/1	22
23	3				645			[illegible]	[illegible]	645						/1	24
25								[illegible]	[illegible]							/1	26
27								[illegible]	[illegible]							/1	28
29								[illegible]	[illegible]							/1	30
31																	32
33																	34
35																	36
37																	38
39																	40
41																	42
SUB-TOTALS					1661	1716	645	BUSSING= AMPS		1265	[illegible]	[illegible]				SUB-TOTALS	
MAIN TOTALS					[illegible]	[illegible]	[illegible]	VOLT-AMPS ● [illegible] V Ø # W= AMPS									

* INVERSE TIME CIRCUIT BREAKER

PANEL "LC" MAIN LUGS ONLY FLUSH MOUNTING TYPE NQOB

CIR	CIR BKR	LTS	C/O	MSC	VOLT-AMPS LOAD BUS A	BUS B	BUS C	LOCATION & REMARKS	LOCATION & REMARKS	VOLT-AMPS LOAD BUS A	BUS B	BUS C	LTS	C/O	MSC	CIR BKR	CIR
1	2/1	15			92			BLDG. ENTRY LTS	COZ-AIR PUMP HP-1	460					1	15/1	2
3				1		360		EXT. LIGHTS			[illegible]						4
5				1	800			ST. LTS	COZ-TANK HEATER			960			1	15/1	6
7				2	400			ROOF & EXH	COZ-TEST ☐	800							8
9				1		720		SOLES	COZ-K.A.S.T. ☐		720			2			10
11				2			540	EXTERIOR	CMD DOOR OP			1130			1		12
13			1	2	460			COZ-EXH. EXHS	EXTERIOR & PAT. DIR.	1130					1		14
15			2			420		COZ-LOUNGE			900		8		1		16
17			1				300	SOLES	SPARE			800	8				18
19			1		200			COZ-VEND MACH	SPARE	—							20
21			1		600				SACU-C	200					1		22
23			1			1200			COZ-DISHWASHER			1200		1			24
25			1		12				SPARE	—							26
27					1200					—							28
29			1			1200											30
31																	32
33																	34
35																	36
37																	38
39																	40
41																	42
SUB-TOTALS					5785	1210	2130	BUSSING= AMPS		2198	1620	2390				SUB-TOTALS	
MAIN TOTALS					8023	8232	6905	=20226 VOLT-AMPS ● [illegible] V Ø # W= AMPS									

TO PROVIDE A 3P-1T ASTRONOMIC DUAL TIME CLOCK WITH RESERVE POWER, TEL. # 1300 XL OR APPROVED EQUAL, IN SEPARATE COMPARTMENT IN PANEL.

* T&R TYPE CIRCUIT BREAKER.

LO - PROVIDE C/B HANDLE WITH LOCK "ON DEVICE"

BUILDING "C" - NOTES #131

1. HEAT PUMP HP-1 ABOVE CEILING, 208V, 1Ø, 4.5 FLA.
2. HEAT PUMP HP-6 ABOVE CEILING, 480V. 3Ø, 5.7 FLA.
3. COOLING TOWER FAN - 3HP, 480V. 3Ø, 4.6 FLA.
4. COOLING TOWER SPRAY PUMP - 1/3HP, 120V.
5. TWO (2) 1-1/2HP, 480V. 3Ø, 2.5 FLA CIRC. PUMPS. PROVIDE A DUPLEX MOTOR CONTROLLER WITH ELECTRIC ALTERNATOR (SQUARE D CLASS 8941 TYPE NB6-1 OR APPROVED EQUAL).
6. HOT WATER CIRCULATING PUMP - 1/6HP, 120V.
7. BOILER - 120V.
8. GARBAGE DISPOSAL - 1/2HP, 120V.
9. REFRIGERATOR - 1/4HP, 120V.
10. RANGE TOP - 120V.
11. TWO (2) OVENS - 120V.
12. CONNECT TWO (2) LAMPS ON EACH SIDE OF EACH FIXTURE IN TANDEM ON SEPARATE SWITCHES.
13. CONNECT TWO (2) CENTER LAMPS AND TWO (2) OUTER LAMPS IN EACH FIXTURE ON SEPARATE SWITCHES.
14. OVERHEAD DOOR OPERATOR, 1/2HP, 120V.
15. EXHAUST FAN X-1C IN CEILING, 1/15HP, 120V. CONTROL WITH ROOM LIGHTS. SEE D/E-9.
16. EXHAUST FAN X-2C, SAME AS X-1C.
17. EXHAUST FAN X-3C IN CEILING, 1/40HP, 120V.
18. EXHAUST FAN X-4C IN CEILING, 1/125HP, 120V.
19. DISHWASHER - 1200W., 120V.

OFFICE OF THE STATE ARCHITECT SACRAMENTO, CALIFORNIA
A47446 APR 14 1987
APPROVED

REVISIONS

DRAWN
CHECKED
CHECKED

REGISTERED PROFESSIONAL ENGINEER JAMES L. KLEIN 5950 ELECTRICAL STATE OF CALIFORNIA

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
4747 MORENA BLVD., SUITE 100 SAN DIEGO, CA 92117
TELEPHONE 619-483-7700
1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

LIGHTING PLAN AND POWER & COMMUNICATIONS PLAN, PANEL SCHEDULES — BLDG C

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
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LA JOLLA, CALIFORNIA 92037
(619) 459-4491

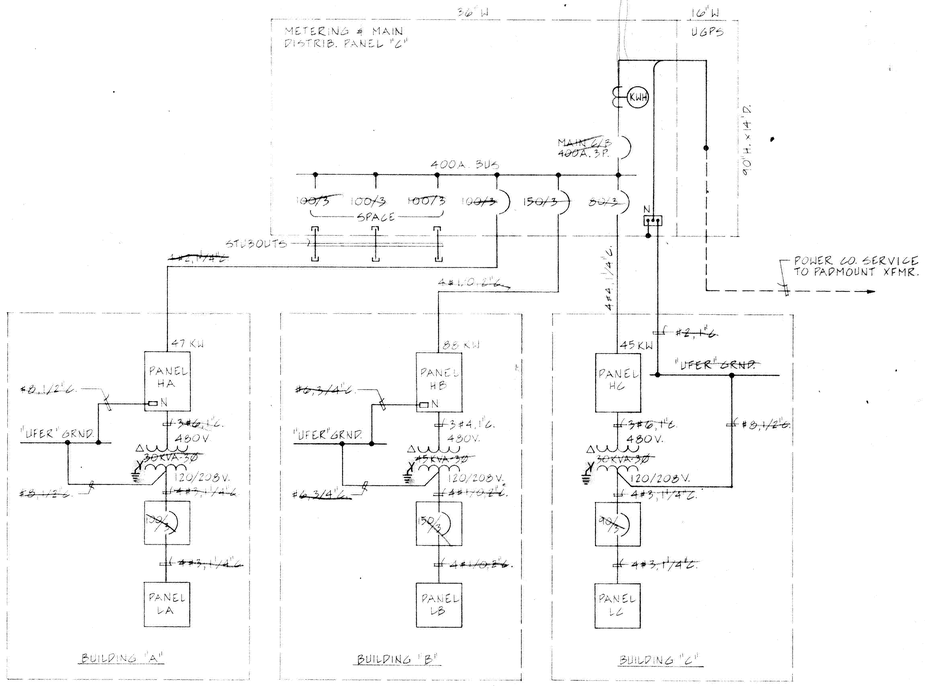
PROJECT
MCC #302

E5

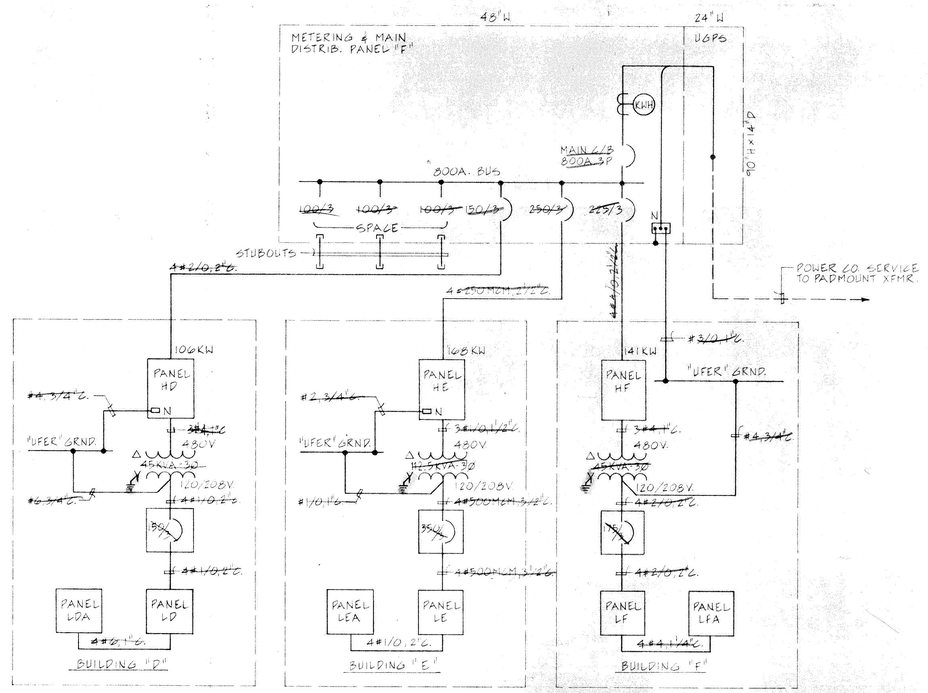
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

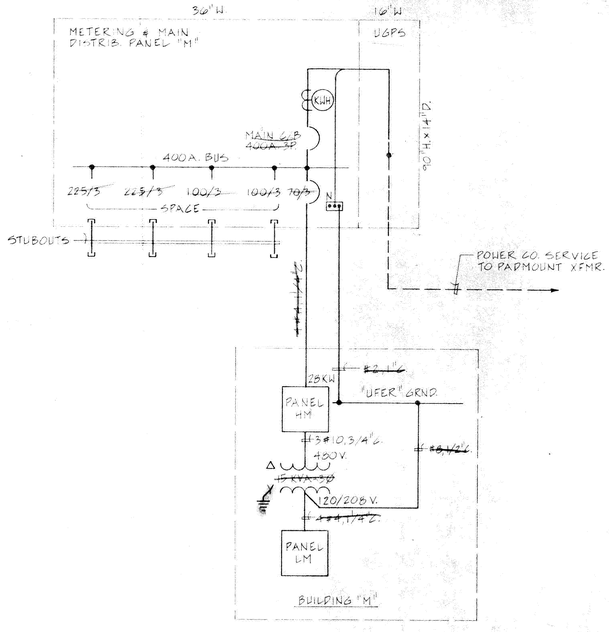
86720



B E10 DISTRIBUTION SYSTEM "C" DIAGRAM
NO SCALE



A E10 DISTRIBUTION SYSTEM "F" DIAGRAM
NO SCALE



OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
AA7446 APR 14 1987
APPROVED APPLICATION NOT A PART OF THIS CONTRACT

C E10 DISTRIBUTION SYSTEM "M" DIAGRAM
NO SCALE

DUNN-LEE-SMITH-KLEIN AND ASSOCIATES
PROFESSIONAL ENGINEERS
4747 MORENA BLVD., SUITE 100 SAN DIEGO, CA 92117
TELEPHONE 619-483-7700

1890

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3559
REGISTRATION

DISTRIBUTION DIAGRAMS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #302

E10

DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

96709

MATCHLINE - SEE SHEET L-2

NOTE: EXISTING 4" PVC SLEEVES SHALL BE USED NO ELECTRICAL SLEEVE FOR CONTROLLER 'B'

CONTROLLER 'B' LOCATE IN MECHANICAL ROOM SEE DETAIL I SHEET L-6

ROADWAY

BUILDING B

DRIP IRRIGATION VALVE SEE DETAIL J SHEET L-6

BUILDING C

BUILDING D

BUILDING A

BUILDING E

BUILDING F

IRRIGATION SLEEVE TYP.

PROPOSED POINT OF CONNECTION

EXISTING 2" MAINLINE AND GATE VALVE

CONTROLLER 'D' LOCATE IN MECHANICAL ROOM SEE DETAIL I SHEET L-6

ROADWAY

MATCHLINE SEE SHEET L-2

SEE PHASE I SHEET L-3 FOR EXISTING IRRIGATION IN THIS AREA. CONTRACTOR SHALL ADJUST EXISTING IRRIGATION TO ACCOMODATE THE NEW LAYOUT AS SHOWN ON THIS PLAN

NOTE: LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND INSTALLING ALL ELECTRICAL SLEEVES FOR VALVES

NORTH

SCALE 1":20'

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47446 APR 14 1987
APPROVED AS TO CONSTRUCTION

516 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 (619) 232-4004
2912 EAST THOMAS ROAD 101 PHOENIX, ARIZONA 85016 (602) 956-5068

WIMMER YAMADA & ASSOCIATES
LANDSCAPE ARCHITECTURE LAND PLANNING

84-914.01

REGISTERED LANDSCAPE ARCHITECT
RONALD S. TESHIMA
Signature
5-5-86
Date
STATE OF CALIFORNIA

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3[illegible] REGISTRATION

MAIN IRRIGATION PLAN

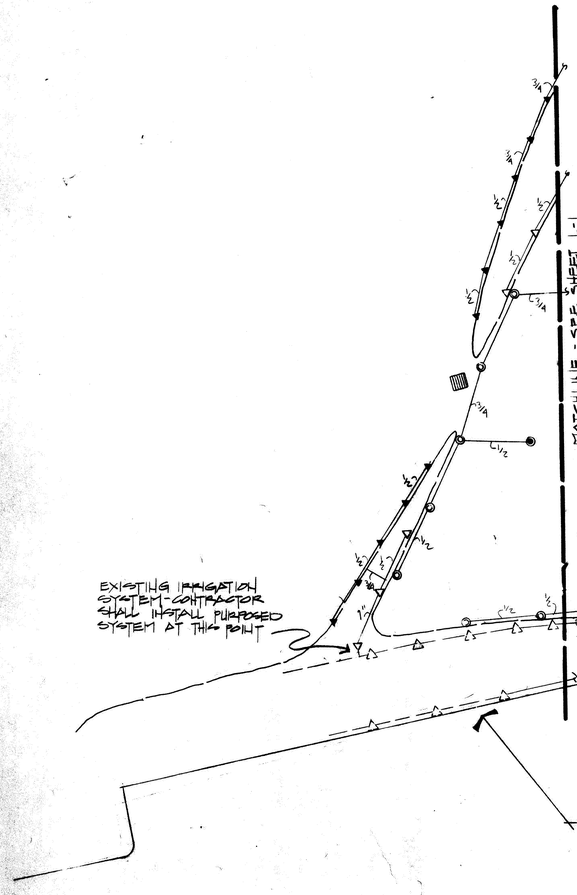
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

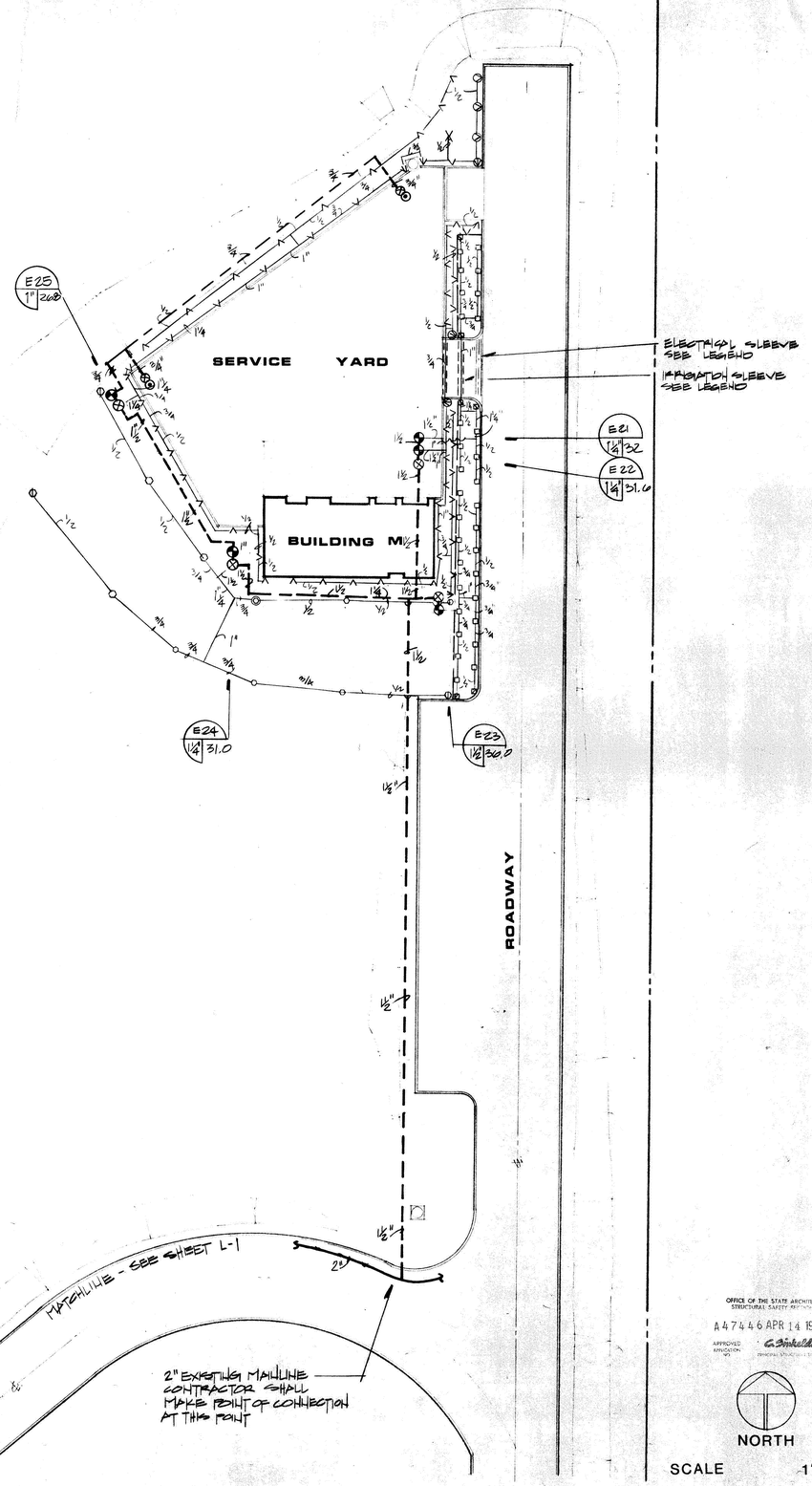
PROJECT
MCC #302

SHEET L-1 OF 7
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans. REFERENCE DOCUMENTS ONLY

96709





NORTH

SCALE 1":20'

516 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 (619) 232-8004
3816 EAST THOMAS ROAD #10 PHOENIX, ARIZONA 85016 (602) 956-8266

WIMMER YAMADA & ASSOCIATES
LANDSCAPE ARCHITECTURE LAND PLANNING

84-914.01

REGISTERED LANDSCAPE ARCHITECT
THOMAS S. TESHIMA
Signature
5-3-90
Date
STATE OF CALIFORNIA

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3553
REGISTRATION

PARTIAL IRRIGATION PLANS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED AS TO APPLICATION OF
G. Winkelbauer
DEPUTY STATE ARCHITECT

PROJECT
MCC #302

SHEET L-2 OF 7

DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

98709

MATCH LINE SEE SHEET L-4

MATCHLINE SEE SHEET L-4

ROADWAY

BUILDING A

BUILDING B

BUILDING C

BUILDING D

BUILDING E

BUILDING F

HYDROSEED MIX 'C' SEE SPECIFICATIONS

HYDROSEED MIX 'B' SEE SPECIFICATIONS

2" LAYER FIR BARK

2' WIDE GRAVEL PATHWAY

REDWOOD HEADER BOTH SIDES OF GRAVEL WALK

219	5 gal	PIT. TOB. VAR.
17	24"box	PIN. TOR.
20	5 gal	PAR. TRI.
2006	1 gal	PIT. TOB WHE.
11	24"box	BRA. POP.
40	5 gal	CAL. HAE
7	5 gal	DIS. BAL.
11	24"box	MAG. GRD
75	5 gal	HIB. ROS.
199	1 gal	HEM. HYB.
220	1 gal	DIE. DIC.
121	24"box	ELE. PIC.
AS REQ.	SEED	LAWN SEE SPECS.
19	5 gal	HIB SCA.
15	5 gal	MAC. INTEG.
AS REQ.	FLATS	HED. HEL. CAL
283	1 gal	RAP. IND. CLA
11	24"box	MET. EXC.
119	5 gal	ESC. FRA.
279	1 gal	AGA. APA.
43	30' box	PLA. ACE.
250	5 gal	EUC. CIT
1-5gal		PIN TOR.
1-15gal		
1-24"box		
25		EEA. GRI
1gal		
3	5gal	PDI. GIL.
1	24"box	ERY. HUM.
2	24"box	GL. VIM.

CONCRETE MOW STRIP - TYP.

SEE PHASE I SHEET L-6 FOR THIS AREA

NORTH

SCALE 1":20'

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED APPLICATION

516 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 (619) 232-4004
2512 EAST THOMAS ROAD #10 PHOENIX, ARIZONA 85016 (602) 956-9068

WIMMER YAMADA & ASSOCIATES
LANDSCAPE ARCHITECTURE LAND PLANNING

84-914.01

REGISTERED LANDSCAPE ARCHITECT
D.S. TESHIMA
Signature
5-8-86
Date
STATE OF CALIFORNIA

MIRACOSTA COLLEGE

SAN ELIJO CENTER PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3552 REGISTRATION

MAIN PLANTING PLAN

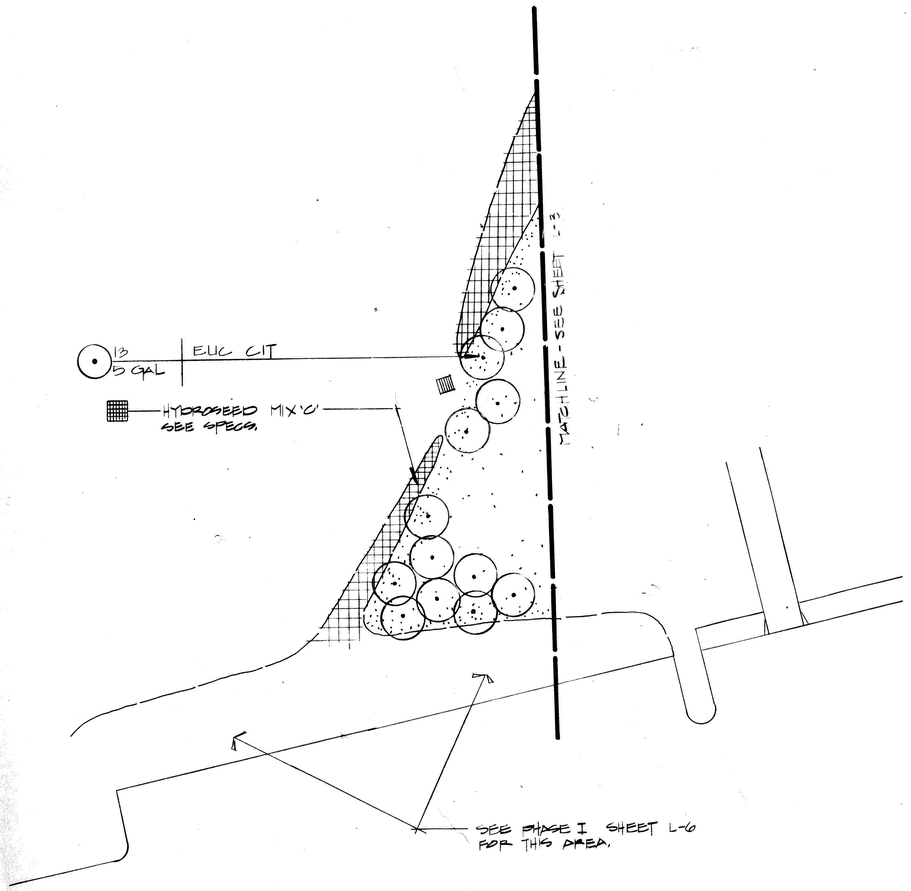
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

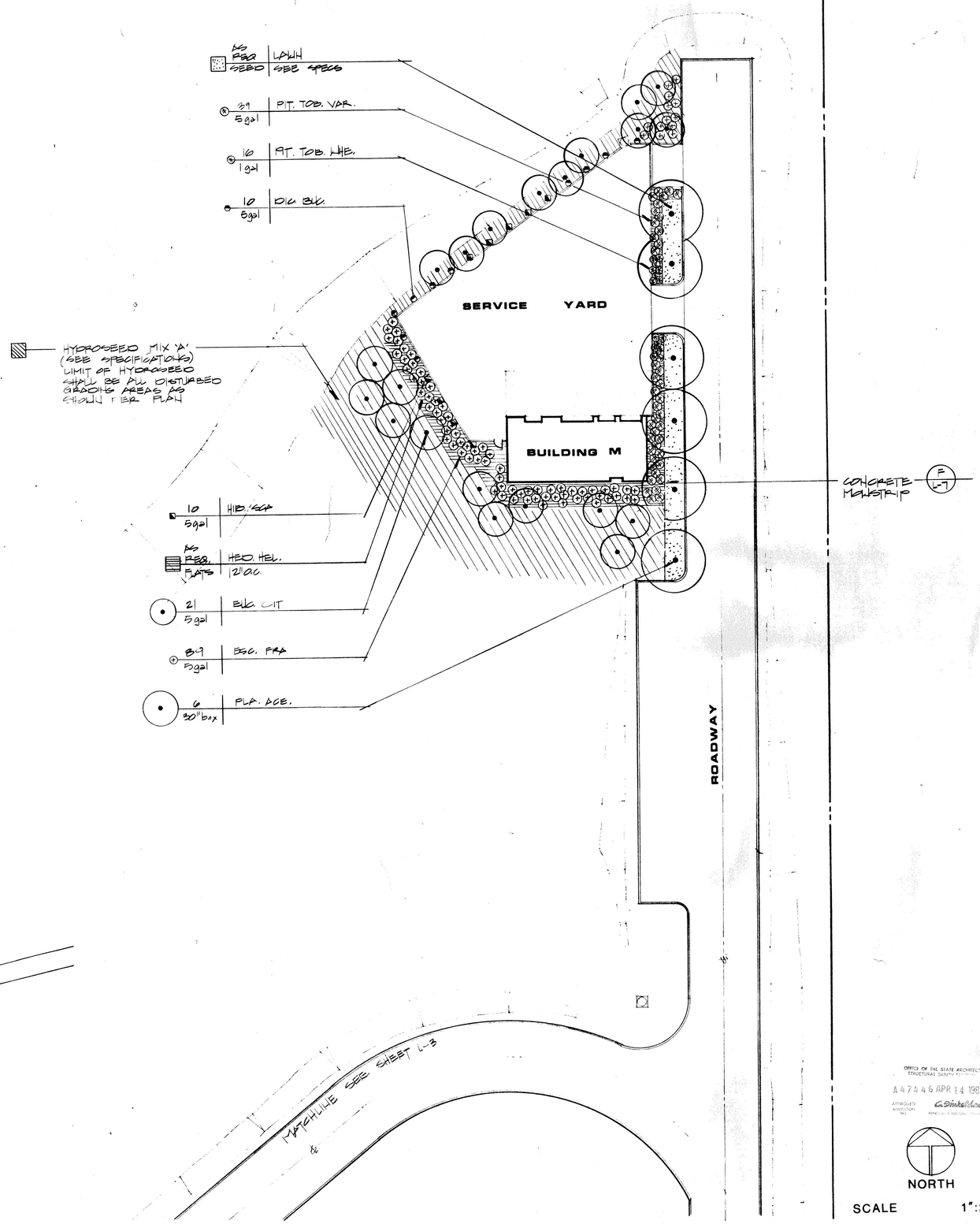
PROJECT MCC #302

SHEET L-3 OF 7

DATE

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit C - SAN B400 and SAN B900 Original Construction Plans - REFERENCE DOCUMENTS ONLY





NORTH

SCALE 1":20'

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A 47446 APR 14 1987
APPROVED
G. Strickland
PRINCIPAL STRUCTURAL SAFETY ENGINEER

516 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 (619) 232-4004
2512 EAST THOMAS ROAD #10 PHOENIX, ARIZONA 85016 (602) 955-9299
WIMMER YAMADA & ASSOCIATES
LANDSCAPE ARCHITECTURE LAND PLANNING

84-914.01

REGISTERED LANDSCAPE ARCHITECT
RONALD E. TESHIMA
Signature
5-29-86
Date
STATE OF CALIFORNIA

MIRACOSTA COLLEGE

SAN ELIJO CENTER
PHASE ONE BUILDINGS

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-3657
REGISTRATION

PARTIAL PLANTING PLANS

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

PROJECT
MCC #30

SHEET L-4 OF 7

DATE DEC. 19

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

91073

PLANTING LEGEND

	SYMBOL	BOTANICAL NAME	COMMON NAME	DET NO	SIZE	REMARKS
TREES	BRA. POP	BRACHYCHITON POPULNEUS	BOTTLE TREE	B-L-7	24" box	MIN. 8' HT. x 3' SPD STRAIGHT TRUNK
	EUC. CIT.	EUCALYPTUS CITRIODORA	LEMON-SCENTED GUM		5 gal	MIN. 3' HT. x 3' SPD STRAIGHT TRUNK
	EUC. FIC.	EUCALYPTUS FICIFOLIA	RED-FLOWERING GUM	B-L-7	24" box	MIN. 8' HT. x 3' SPD. STRAIGHT TRUNK
	MAG GRA.	MAGNOLIA GRANDIFLORA 'MAJESTIC BEAUTY'	SOUTHERN MAGNOLIA	B-L-7	24" box	MIN. 11' HT. x 5' SPD. GOOD FORM
	MET. EXC.	METROSIDEROS EXCELSUS	NEW ZEALAND CHRISTMAS TREE	C-L-7	24" box	MIN. 6' HT. x 5' SPD MULTI-TRUNK
	PLA. ACE.	PLATANUS ACERIFOLIA 'BLOODGOOD'	LONDON PLANE	B-L-7	36" box	MIN. 15' HT x 6' SPD STRAIGHT TRUNK
	CAL. EIG.	CALLISTEMON VIMINALIS	WEEPING BOTTLEBRUSH	B-L-7	24" box	MIN. 10' HT x 5' SPD. MULTI-TRUNK
	ERY. HUM.	ERYTHRINA HUMEALIA	NATAL CORRAL TREE		24" box	MIN. 4' HT x 4' SPD. MULTI-TRUNK
	POI. GIL.	POINCIANA GILLESII	BIRD OF PARADISE BUSH		15 gal	FULL, GOOD FORM MIN. 4' HT. x 5' SPD.
	PIN. TOR.	PINUS TORREYANA	TORREY PINE	B-L-7	5 gal, 15 gal, 24" box	STRAIGHT TRUNK 5 gal - 4' HT, 15 gal - 7' HT., 24" box - 10' HT.
	THE PER.	THEVETIA PERUVIANA	YELLOW OLEANDER		15 gal	MIN. 4' HT x 3' SPD FULL, GOOD FORM
SHRUB	AGA AFR	AGAPANTHUS AFRICANUS	LILY OF THE NILE	A/D-L-7	1 gal	FULL, GOOD FORM & COLOR - BLUE & WHITE FLWS. 18" O.C.
	CAL. INA.	CALLIANDRA INAEQUILATERA	PINK POWDER PUFF		5 gal	FULL, BUSHY, GOOD FORM & COLOR
	CEA. GRI.	CEANOTHUS GRISEUS HORIZONTALIS 'YANKEE POINT'	CEANOTHUS		1 gal	FULL, BUSHY, GOOD FORM & COLOR - DELETE 50% AMEND. DURING BACKFILL
	DIE BIC	DIETES BICOLOR	FORTNIGHT LILY		1 gal	FULL, GOOD FORM & COLOR INSTALLATION.
	ESC RUB	ESCALLONIA 'FRADESII'	NO COMMON NAME		5 gal	FULL BUSHY, GOOD FORM & COLOR
	HEM HYB	HEMEROCALLIS HYBRIDS	DAYLILY		1 gal	FULL, GOOD FORM & COLOR - YELLOW TO RED FLWS. 18" O.C.
	HIB ROS	HIBISCUS ROSA-SINENSIS 'WHITE WINGS'	HIBISCUS		5 gal	FULL, BUSHY, GOOD FORM & COLOR
	PIT TOB VAR	PITTOSPORUM TOBIRA 'VARIEGATA'	VARIEGATED TOBIRA		5 gal	FULL, BUSHY, GOOD FORM & COLOR
	PIT TOB WHE	PITTOSPORUM TOBIRA 'WHEELERS DWARF'	DWARF TOBIRA		5 gal	FULL BUSHY, GOOD FORM & COLOR
	RAP IND	RAPHIOLEPIS INDICA 'CLARA'	INDIA HAWTHORNE		5 gal	FULL, BUSHY, GOOD FORM & COLOR
VINES	DIS BUC	DISTICTIS BUCCINATORIA	BLOOD RED TRUMPET VINE	E-L-7	5 gal	FULL, BEST, GOOD FORM - ATTACH VINE TO ADJACENT SURFACE
	HIB SCA	HIBBERTIA SCANDENS	GUINEA GOLD VINE		5 gal	" "
	MAC UNG.	MACFADYENA UNGUIS-CATI	CATS CLAW		5 gal	" "
	PAR TRI.	PARTHENOCISSUS TRICUSPIDATA	BOSTON IVY		5 gal	" "
GROUND COVER	HED. HEL.CAL.	HEDERA HELIX 'CALIFORNIA'	ENGLISH IVY		FLATS	FULL FLATS - INSTALL 12" O.C.
	LAWN-SEED		LAWN SEED MIX		SEED	SEE SPECIFICATIONS FOR SEED MIX & APPLICATION RATES
	HYDROSEED MIX 'A'		HYDROSEED MIX 'A'		SEED	SEE SPECIFICATIONS FOR SEED MIX & APPLICATION RATES
	HYDROSEED MIX 'B'		HYDROSEED MIX 'B'		SEED	SEE SPECIFICATIONS FOR SEED MIX & APPLICATION RATES
	HYDROSEED MIX 'C'		HYDROSEED MIX 'C'		SEED	SEE SPECIFICATIONS FOR SEED MIX & APPLICATION RATES
						FOR LANDSCAPE MOUNDS REFER TO SHEET SA1.4

IRRIGATION LEGEND

SYMBOL (90 / 180 / 360)	DESCRIPTION	PSI	RAD	GPM	DET NO
⊙ ▽ ✕	RAINBIRD BUBBLER 1806 BODY W/ SH-B SERIES NOZZLE	30	5	.06	B / L-6
⊛ ▽ ⊗	RAINBIRD SPRAY HEAD A-8S BODY W/10 SERIES NOZZLE W/VALCON ADV-XS ANTI-DRAIN VALVE		10'	.39 .79 1.57	A / L-6
▲ ▲	RAINBIRD SPRAY HEAD 1806SAM BODY W/10 SERIES NOZZLE		10'	.39 .79 1.57	B / L-6
◭ ◭	RAINBIRD STREAM SPRAY A-8S BODY W/16 SERIES NOZZLE W VALCON ADV-XS ANTI-DRAIN VALVE		16'	.81 1.61	A / L-6
◭ △	RAINBIRD STREAM SPRAY 1806SAM BODY W/16 SERIES NOZZLE		16'	.81 1.61	B / L-6
◭ ◭	RAINBIRD STREAM SPRAY A-8S BODY W/22 SERIES NOZZLE W VALCON ADV-XS ANTI-DRAIN VALVE		22'	.81 1.61	D / L-6
◭ △	RAINBIRD STREAM SPRAY 1806 SAM BODY W/22 SERIES NOZZLE		22'	.81 1.61	D / L-6
▫ ▫ ■	RAINBIRD STANDARD SPRAY 1806-SAM BODY W/ 8IS SERIES NOZZLE		15'	1.00 2.00 4.00	B / L-6
◉ ◎ ●	HUNTER PC-SERIES POP BODY 90°-NOZZEL#1 180°/PRJ-NOZZEL#3 360°-NOZZEL#6 W/DRAIN CHECK VALVE	50	25'	.7 1.2 1.4 2.7	E / L-6
◉ ◎ ○ ●	HUNTER I-20 SERIES POP-UP BODY 90°-NOZZLE#4 135°-NOZZLE#6 180°-NOZZLE#7 360°-NOZZEL#10		40'	1.7 2.3 3.4 6.8	E / L-6
◉ ◎ ○ ●	HUNTER I-20 SERIES POP-UP BODY 90°-NOZZLE#6 135°-NOZZLE#8 180°-NOZZLE#9 360°-NOZZEL#12		50'	2.7 4.1 5.5 11.0	E / L-6
⊙	RAINBIRD 33DRC QUICK COUPLER				F / L-6
◉	RAINBIRD '6' SERIES ELECTRIC REMOTE CONTROL VALVE				G / L-6
◪	RAINBIRD 'ESP' SERIES AUTOMATIC CONTROLLER (32-STATION-SEE PLAN FOR LOCATIONS)				I / L-6
⊘	NIBCO-SCOTT GATE VALVE (LINE SIZE - SEE PLAN)				H / L-6
———	CL 200 PVC LATERAL LINE W/MIN 12" COVER				
— — —	CL 315 PVC PRESSURE MAIN W/MIN 18" COVER				
= = = =	SCH 40 PVC SLEEVE (IRRIGATION SLEEVES SHALL BE 2 X DIAMETER OF PIPE TO BE BLOCKED / ELECTRICAL SLEEVES SHALL BE 2" PVC PIPE)				
	VALVE STATION NUMBER				
	VALVE GALLONS PER MINUTE				
	VALVE SIZE				
■	HYDRORAIN SERIES 700 AUTOMATIC REMOTE CONTROL VALVE / W/AMIAD 39 SERIES 200+MESH FILTER AND BRAUKMAN ADJ. PRESSURE REGULATOR W/GAUGE				G-J / L-6
◘	IRRIDELCO MF-5 MICRO-FLAPPER EMITTER - 2 GALLONS PER HOUR / EMISSION PT. ON SHRUB ADAPTER - 1 PER TREE	25 PSI	4.5'		L-J / L-6, G-H / L-7
△	IRRIDELCO MF-5 MICRO-FLAPPER EMITTER - 1 GALLON PER HOUR / EMISSION PT. ON SHRUB ADAPTER - 1 PER SHRUB	25 PSI	SEE DETAIL		L-J / L-6, G-H / L-7

GENERAL NOTES

1) PLAN IS DIAGRAMMATIC ONLY, LOCATE ALL PIPE AND EQUIPMENT WITHIN PLANTED AREAS WHERE EVER POSSIBLE.
2) SLEEVE ALL PRESSURE MAINLINE UNDER PAVED SURFACES.
3) VERIFY ELECTRICAL POINTS-OF-CONNECTION IN FIELD W/OWNER.
4) VERIFY IRRIGATION POINT-OF-CONNECTION IN FIELD W/OWNER & GENERAL CONTRACTOR.
5) COORDINATE SLEEVE, PIPE AND EQUIPMENT LOCATIONS W/OTHER GENERAL CONTRACTOR TRADES IN FIELD.
6. ALL PLACEMENT OF PLANT MATERIAL SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
7. LANDSCAPE CONTRACTOR TO SUBMIT PHOTOGRAPHS OF TYPICAL TREE OF EACH VARIETY AND SIZE, TO BE PROVIDED UNDER THIS CONTRACT FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY OF TREES TO THE PROJECT SITE
8. THE LANDSCAPE CONTRACTOR SHALL IDENTIFY EACH VALVE BOX WITH A NUMBER AND THE CONTROLLER CLOCK NUMBER BY BRANDING THE COVER OF THE VALVE BOX WITH A PROPANE FIRE IRON.

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47546 APR 14 1987
APPROVED G. Winkelman

REGISTERED LANDSCAPE ARCHITECT
RONALD S. TESHIMA
No. 2240
Signature
Date
STATE OF CALIFORNIA

516 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 (619) 232-4004
WIMMER YAMADA & ASSOCIATES
LANDSCAPE ARCHITECTURE LAND PLANNING
84-914-01

MIRACOSTA COLLEGE
SAN ELIJO CENTER
SITE DEVELOPMENT

REVISIONS

DRAWN
CHECKED
CHECKED

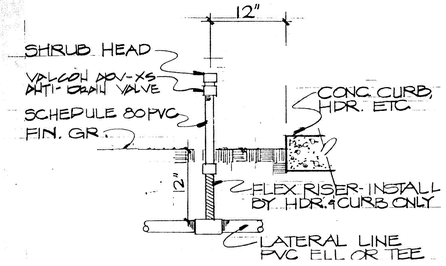
ARCHITECT C-3557 REGISTRATION

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIF. 92037
(619) 459-3266 / 459-4491

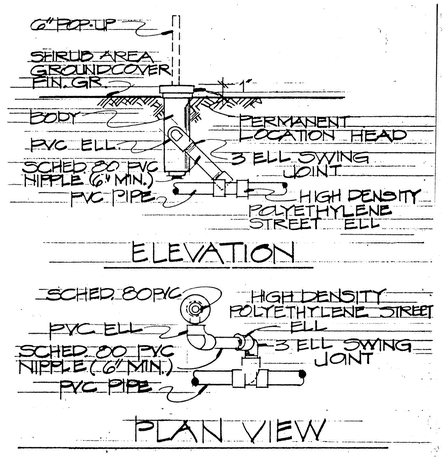
LEGENDS & GENERAL NOTES

SHEET L-5 OF 7
DATE DEC. 1986

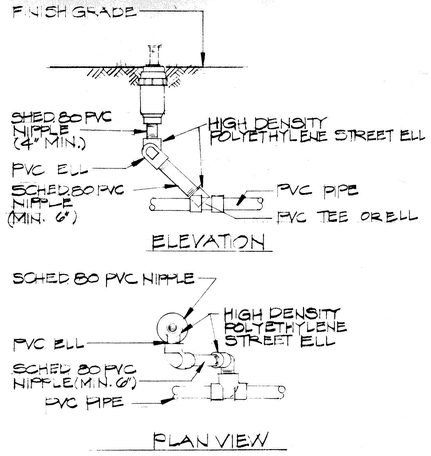
96709



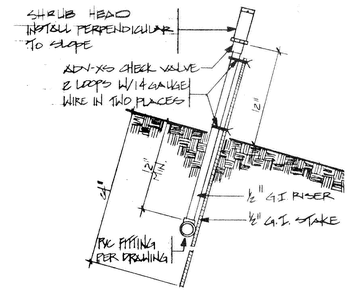
A **SHRUB HEAD**



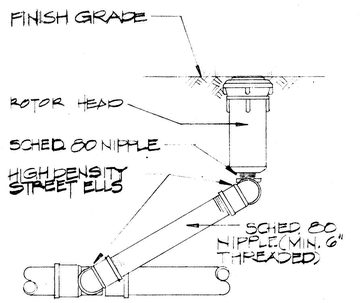
B **6" SHRUB POP-UP**



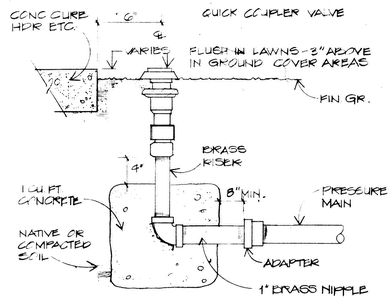
C **4" LAWN POP-UP**



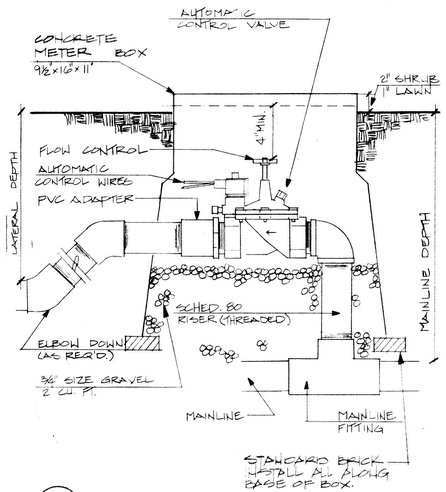
D **SHRUB HEAD ON A SLOPE**



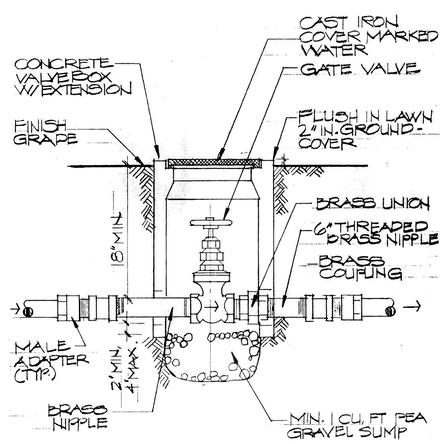
E **ROTOR POP-UP**



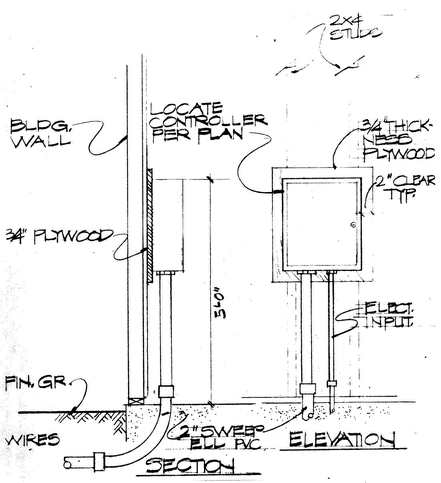
F **QUICK COUPLER**



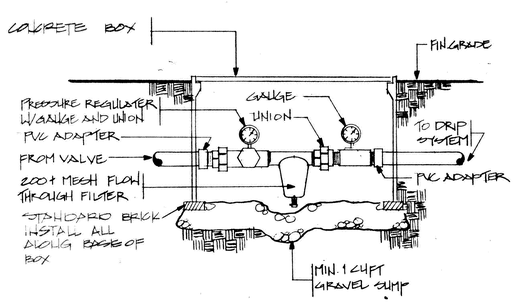
G **ELECTRIC REMOTE CONTROL VALVE**



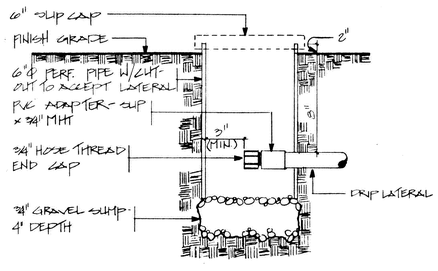
H **GATE VALVE**



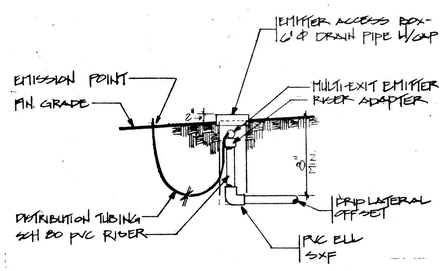
I **CONTROLLER**



J **DRIP FILTER**



K **DRIP END CAP**



L **DRIP EMITTER**

OFFICE OF THE STATE ARCHITECT
STRUCTURAL SAFETY SECTION
A47446 APR 14 1987
APPROVED
APPLICATION NO.

REGISTERED LANDSCAPE ARCHITECT
RICHARD S. TESSIN
Signature
3-9-86
Date
STATE OF CALIFORNIA

516 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 (619) 232-4024
WIMMER YAMADA & ASSOCIATES
LANDSCAPE ARCHITECTURE LAND PLANNING
84-914.01

MIRACOSTA COLLEGE
SAN ELIJO CENTER SITE DEVELOPMENT

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT C-3551 REGISTRATION

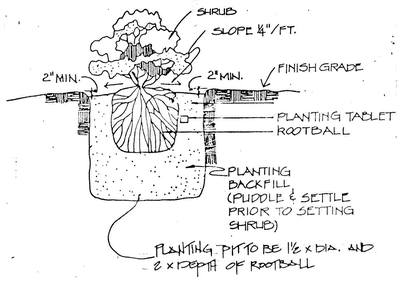
LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIFORNIA 92037
(619) 459-4491

IRRIGATION DETAILS

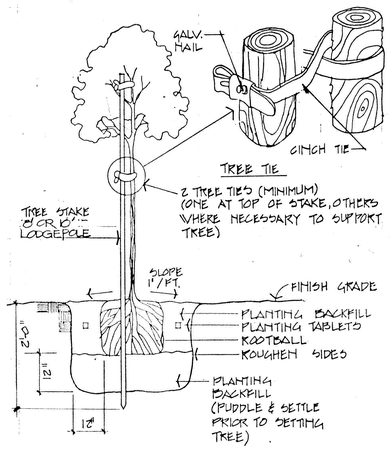
SHEET L-6 OF 7
DATE DEC. 1986

SAN B400 & B900 BUILDING RENOVATIONS, Bid #MM-20-020
Exhibit 5 – SAN B400 and SAN B900 Original Construction Plans REFERENCE DOCUMENTS ONLY

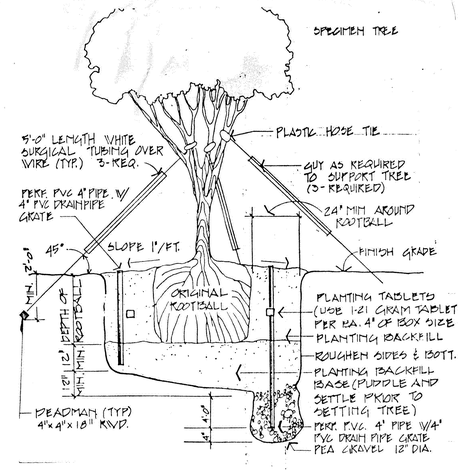
91073



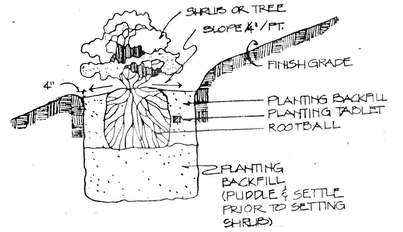
A SHRUB PLANTING



B TREE STAKING AND PLANTING



C TREE GUYING AND PLANTING



D SHRUB PLANTING ON SLOPE

NOTE:
USE EPOXY TIES - ATTACH TO WOOD W/ NAILS AND TO STUCCO W/ EPOXY CEMENT.

E VINE PLANTING

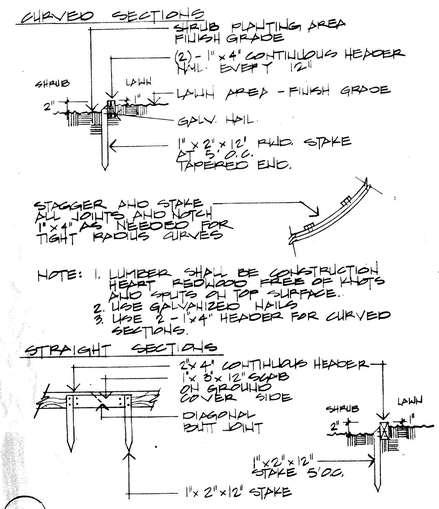
F CONCRETE MOWSTRIP

NOTE: SEE GRAPH IN DETAIL J/L-7 FOR PROPER EMITTER SPACING PER SOIL TYPE.

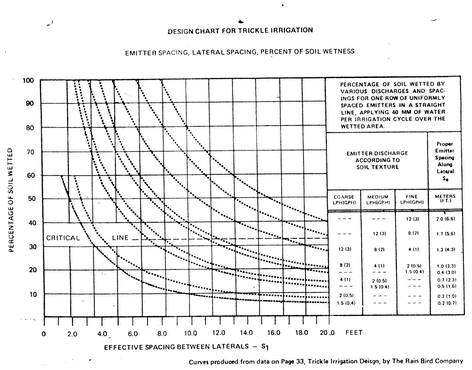
G EMITTER SPACING AT TREE

NOTE: SEE GRAPH IN DETAIL J/L-7 FOR PROPER EMITTER SPACING PER SOIL TYPE.

H EMITTER SPACING AT SHRUB



I REDWOOD HEADER



NOTE: PERCENTAGE OF SOIL WETTED SHALL FALL BETWEEN SHOWN PERCENT

J DRIP EMITTER SPACING GRAPH

K

L

MIRACOSTA COLLEGE

SAN ELIJO CENTER
SITE DEVELOPMENT

REGISTERED LANDSCAPE ARCHITECT
JAMES S. YESHOW
Signature
12-8-92
Date
STATE OF CALIFORNIA

WIMMER YAMADA & ASSOCIATES
LANDSCAPE ARCHITECTURE
LAND PLANNING
110 FIFTH AVENUE SAN DIEGO, CALIFORNIA 92101 (619) 232-4004

REVISIONS

DRAWN
CHECKED
CHECKED

ARCHITECT
C-33597
REGISTRATION

LIEBHARDT, WESTON & ASSOCIATES ARCHITECTS, AIA
405 VIA DEL NORTE
LA JOLLA, CALIF. 92037
(619) 459-3266 / 459-4491

PLANTING DETAILS

SHEET L-7 OF 7
DATE DEC '92