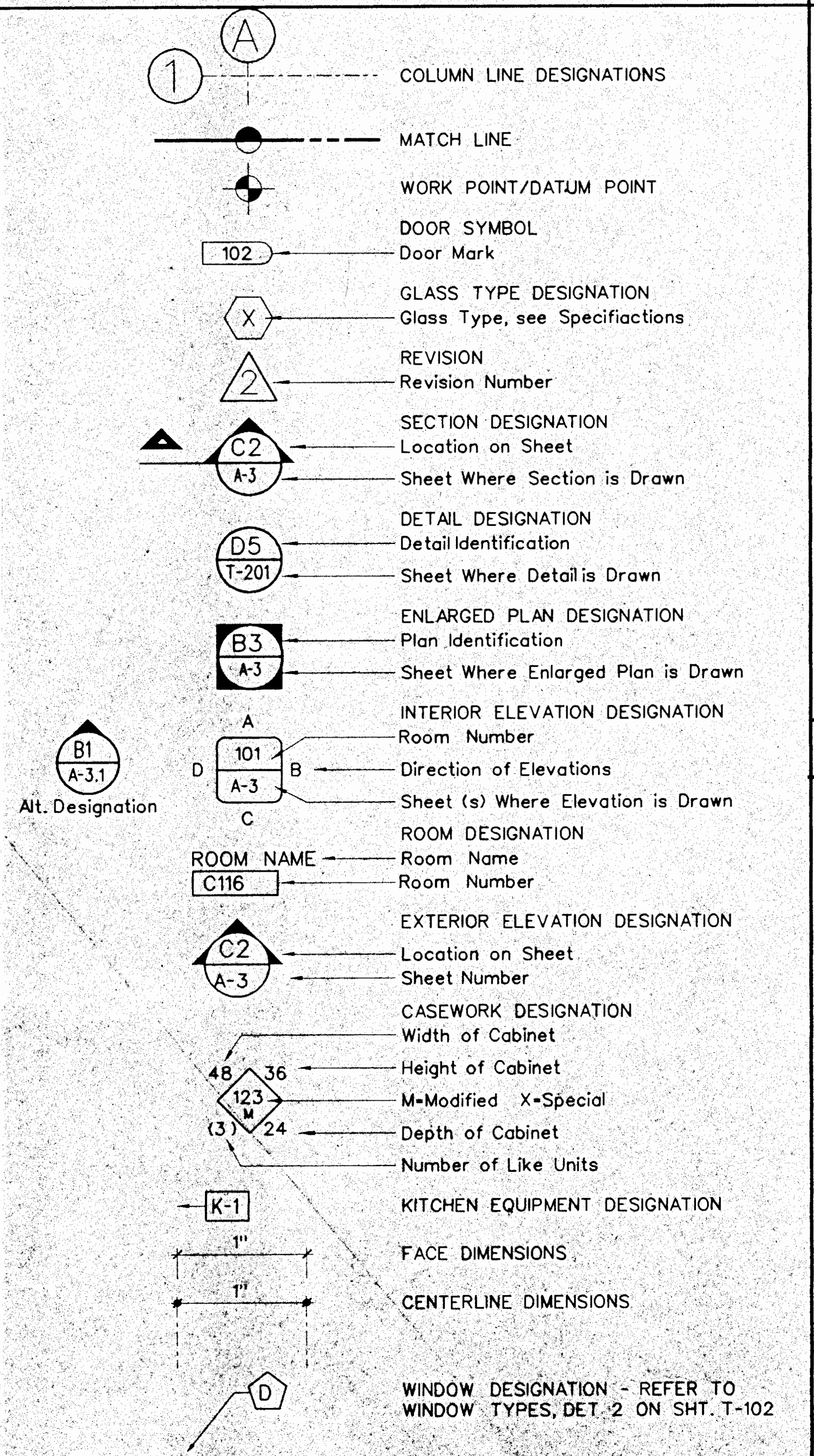
ATTACHMENT J - AS-BUILTS

ABBREVIATIONS

A.B.	ANCHOR BOLTS
A.C.	ASPHALT CONCRETE
ACOUS.	ACOUSTICAL
A.D.	AREA DRAIN
ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
AGGR.	AGGREGATE
ALUM.	ALUMINUM
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
∠	ANGLE
@	AT
B.B.	BUBBLE BASIN
BD., BDR.	BOARD
BITUM.	BITUMINOUS
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
B.U.R.	BUILT-UP ROOFING
CABT.	CABINET
CB.	CHALKBOARD
C.B.	CATCH BASIN
CER.	CERAMIC
C.I.	CAST IRON
C.J.	CONSTRUCTION JOINT, CEILING JOIST
C.L.	CHAIN LINK, CENTERLINE
CLG.	CEILING
CLKG.	CAULKING
CLO.	CLOSET
CLR.	CLEAR
COMPO.	COMPOSITION
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEANOUT
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONSTR.	CONSTRUCTION
CONT.	CONTINIOUS
CORR.	CORRIDOR
C.O.T.G.	CLEANOUT TO GRADE
C.T.	CERAMIC TILE
CTR.	CENTER
CTR.	COUNTR
CTSK.	COUNTERSUNK
℄, C.L.	CENTER LINE
⊔	CHANNEL
D.	DEPTH
DBL.	DOUBLE
DEPT.	DEPARTMENT
DET.	DETAIL
D.F.	DOUGLAS FIR.
D.F.	DRINKING FOUNTAIN
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
DR.	DOOR
D.S.	DOWNSPOUT
DWG.	DRAWING
ø, DIA.	DIAMETER
(E)	EXISTING
EA.	EACH
E.J.	EXPANSION JOINT
EL., ELEV.	ELEVATION
ELEC.	ELECTRICAL
ENCL.	ENCLOSURE
E.P.	ELECTRICAL PANEL
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.T.	EPOXY TOPPING
E.W.C.	ELECTRIC WATER COOLER
EXH.	EXHAUST
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
(F)	FUTURE
F.A.	FRESH AIR
F.B.	FLAT BAR
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.F.	FINISH FLOOR, FACTORY FINISH
F.G.	FINISH GRADE
F.H.W.S.	FLAT HEAD WOOD SCREWS
FIN.	FINISH
F.L.	FLOW LINE
FLR.	FLOOR
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.R.P.	FIBER REINFORCED PLASTIC
F.S.	FLOOR SINK
F.S.	FINISH SURFACE
FT.	FOOT OR FEET
F.V.	FIELD VERIFY
G.	GAS
GA.	GAUGE
GALV.	GALVANIZED
G.B.	GRAB BAR
G.I.	GALVANIZED IRON
GL.	GLASS
GND.	GROUND
GR.	GRADE
G.S.	GALVANIZED STEEL
GYP. BRD.	GYPSUM WALLBOARD
H.B.	HOSE BIBB
H.C., HDCP	HANDICAPPED
H.C.	HOLLOW CORE
HDR.	HEADER
HDWD.	HARDWOOD
HDWR.	HARDWARE
HGT., H., HT.	HEIGHT
H.M.	HOLLOW METAL
H.P.	HIGH POINT
H.P.	HORSE POWER
HORZ.	HORIZONTAL
HR.	HOUR
H.R.	HAND RAIL
H.V.A.C.	HEATING, VENTILATING & AIR CONDITIONING
I.C.	IN CONTRACT
I.D.	INSIDE DIAMETER
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
JAN.	JANITOR
JST.	JOIST
JT.	JOINT
KIT.	KITCHEN
L.	LENGTH , LONG
LAB.	LABORATORY
LAM.	LAMINATE
LAV., L.	LAVATORY
LKR.	LOCKER
L.P.	LAMINATED PLASTIC
LT.	LIGHT
MAX.	MAXIMUM
M.C.	MEDICINE CABINET
M.D.O.	MEDIUM DENSITY OVERLAID
MECH.	MECHANICAL
MEMB.	MEMBRANE
MFR.	MANUFACTURER
M.H.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
M.L.	METAL LATH
M.O.	MASONRY OPENING
MTD.	MOUNTED
MTL.	METAL
MUL.	MULLION
(N)	NEW
N.I.C.	NOT IN CONTRACT
NO., #	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.D.	OVERFLOW DRAIN
O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
OFF.	OFFICE
O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
OPNG.	OPENING
OPP.	OPPOSITE
P.A.	PLANTING AREA
PART'N.	PARTITION
PINBD.	PINBOARD
P.L.	PROPERTY LINE
PLAS.	PLASTER
PL. LAM.	PLASTIC LAMINATE
PLUMB., PLBG.	PLUMBING
PLYWD., P.W.	PLYWOOD
PR.	PAIR
PRCST.	PRE-CAST
PT.	PAINT
PT.	POINT
℘L, PL.	PLATE
Q.T.	QUARRY TILE
R&R	REMOVE & REPLACE
(R)	REMOVE
R.	RISER
R.A.	RETURN AIR
RAD.	RADIUS
R.D.	ROOF DRAIN
REDWD.	REDWOOD
REF.	REFERENCE
REFR.	REFRIGERATOR
REG.	REGISTER
REINF.	REINFORCED
REQ.	REQUIRED
RESIL.	RESILIENT
RET.	RETAINING
RM.	ROOM.
R.O.	ROUGH OPENING
R.S.	ROUGH SAWN
R.H.W.S.	ROUND HEAD WOOD SCREWS
SHT'G.	SHEATHING
S.	SINK
S.A.	SUPPLY AIR
S.C.	SOLID CORE
SCH.	SCHEDULE
S.D.	STORM DRAIN
S. DISP.	SOAP DISPENSER
SECT.	SECTION
SH.	SHELF
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
SQ.	SQUARE
S/S	SERVICE SINK
SST., S.S.	STAINLESS STEEL
STA.	STATION
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SWBRD.	SWITCHBOARD
SYM.	SYMMETRICAL
S.O.V.	SHUT OFF VALVE
T.	TREAD
T&B	TOP & BOTTOM
T.B.	TOWEL BAR
T.C.B.	TOP OF CATCH BASIN
TEL.	TELEPHONE
TERR.	TERRAZZO
T&G	TONGUE AND GROOVE
THK.	THICK
THRES.	THRESHOLD
T.O.C.	TOP OF CONCRETE
T.O.P.	TOP OF PARAPET
T.O.W.	TOP OF WALL
T.P. DISP.	TOILET PAPER DISPENSER
T.V.	TELEVISION
TYP.	TYPICAL
UNF.	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
	TILE
VEN.	VENEER
VEST.	VESTIBULE
VERT.	VERTICAL
V.O.J.	VERIFY ON JOB
W.	WIDTH
W.C.	WATER CLOSET
WD.	WOOD
WF	WIDE FLANGE
WP.	WATERPROOF
WSCT.	WAINSCOT
WT.	WEIGHT
W/	WITH
W/O	WITHOUT
W	WATER

GRAPHIC SYMBOLS



APPLICABLE CODES & STANDARDS

APPLICABLE CODES

1998 Building Standards Administrative Code, Part 1, Title 24 C.C.R.
1998 California Building Code (CBC), Part 2, Title 24 C.C.R.
(1997 Uniform Building Code volumes 1-3 and 1998 California Amendments)
1998 California Electrical Code (CEC), Part 3, Title 24 C.C.R.
(1996 National Electrical Code and 1998 California Amendments)
1998 California Mechanical Code (CMC), Part 4, Title 24 C.C.R.
(1997 Uniform Mechanical Code and 1998 California Amendments)
1998 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.
(1997 Uniform Plumbing Code and 1998 California Amendments)
1998 California Fire Code, Part 9, Title 24 C.C.R.
(1997 Uniform Fire Code and 1998 California Amendments)
1998 California Referenced Standards, Part 12, Title 24 C.C.R.
1990 Title 19 C.C.R., Public Safety, State Fire Marshal Regulations

APPLICABLE NFPA STANDARDS

NFPA 13 Automatic Sprinkler Systems 1996 Edition
NFPA 14 Standpipe Systems 1996 Edition
NFPA 17a Wet Chemical Systems 1994 Edition
NFPA 24 Private Fire Mains 1996 Edition
NFPA 72 National Fire Alarm Code (California Amended) 1996 Edition
(Note see UL Standard 1971 for "Visual Devices")
NFPA 253 Critical Radiant Flux of Floor Covering Systems 1989 Edition
NFPA 2001 Clean Agent Fire Extinguishing Systems 1994 Edition
Reference code section for NFPA Standards - CBC (SFM) 3504.1

DIVISION OF THE STATE ARCHITECT

1. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE OFFICE OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
2. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
3. GATES IN PATH OF TRAVEL MUST COMPLY WITH EXIT DOOR REQUIREMENT. PER SECTION 3304 AND HAVE LEVER HARDWARE OR SHOW SIGN ON OR ADJACENT TO THE GATE STATING THAT "GATE IS TO REMAIN LOCK OPEN DURING SCHOOL HOURS OR DURING ANY PUBLIC FUNCTIONS". LETTERS SHALL BE 1 INCH CAPITALIZED TEXT.
4. PATH OF TRAVEL AS INDICATED WITH DASHED/ARROW LINE IS A BARRIER-FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:12 MAX SLOPE EXCEPT THAT LEVEL CHANGE DOES NOT EXCEED 1/4" VERTICAL.
5. FOR GRATING LOCATED IN THE SURFACE OF ANY PEDESTRIAN WAYS AT PATH OF TRAVEL, GRID/OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAX. IN THE DIRECTION OF TRAFFIC FLOW. IF SUCH CONDITION OCCURS, PROVIDE MANUFACTURER CUTSHEETS OF GRATE PROVIDED.

GENERAL NOTES

1. ALL WORK PERFORMED SHALL COMPLY WITH THESE GENERAL NOTES
2. THE ORGANIZATION OF THE DRAWINGS AND SPECIFICATIONS SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.
3. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO BIDDING AND START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFED FOR CLARIFICATION BEFORE COMMENCING WORK.
4. ALL SYMBOLS AND ABBREVIATIONS USED IN THESE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING SAME, OR THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
5. ALL DIMENSIONS ARE TO FACE OF CONCRETE BLOCK, (F.O.M.); FACE OF CONCRETE, (F.O.C.); FACE OF EXTERIOR STUDS, (F.O.S.); CENTER LINE OF INTERIOR WALLS UNLESS NOTED OTHERWISE; AND CENTER LINE OF COLUMNS.
6. THE CONTRACTOR SHALL VERIFY ALL CONCRETE OR AC PAVING IN THE FIELD PRIOR TO FABRICATION OF GATES, FENCES, OR NEW PAVING.
7. BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND SHALL BE RESPONSIBLE FOR THEIR CORRECTNESS. ANY DIFFERENCES BETWEEN THE ACTUAL DIMENSIONS ON THE SITE AND THOSE INDICATED ON THE DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR INSTRUCTIONS AND CONSIDERATION BEFORE PROCEEDING WITH THE WORK.
9. FINISH FLOOR ELEVATIONS REFER TO TOP OF CERAMIC TILE, CARPET, RESILIENT FLOORING, OR TOP OF CONCRETE SLAB WHERE EXPOSED. SLAB SHALL BE DEPRESSED AS REQUIRED FOR THE FINISH MATERIAL SCHEDULED.
10. ALL EXITS AND CLASSROOM DOOR LOCKS SHALL OPERATE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
11. REFERENCING OF THE DRAWINGS IS FOR CONVENIENCE ONLY AND DOES NOT LIMIT THE APPLICATION OF ANY DRAWING OR DETAIL.
12. FINISH GRADE SHALL SLOPE AWAY FROM ALL STRUCTURES AT 2% MIN. FOR A DISTANCE OF 20 FT, UNLESS NOTED OTHERWISE.
13. MINIMUM THICKNESS OF CONCRETE WALKS AND SLABS SHALL BE 4". TOOL ALL SIDEWALKS IN SQUARES EQUAL TO THE WIDTH OF THE SIDEWALK. PROVIDE CONTROL JOINTS IN CONCRETE PAVED AREAS WHERE INDICATED OR AT MAXIMUM INTERVALS OF 20 FT, SEE SPECIFICATIONS. EXTERIOR SLABS AND SIDEWALKS SHALL HAVE EXPANSION JOINTS ONLY WHERE INDICATED ON THE PLANS.
14. CONCRETE CURBS SHALL HAVE EXPANSION JOINTS AT 20 FT. MAX O.C., AND ALIGNED WITH SIDEWALK JOINTS, TYPICAL.
15. EQUIPMENT ANCHORAGE: ALL MECHANICAL OR ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST HORIZONTAL FORCES ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE:	20% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE:	40% OF OPERATING WEIGHT
FLEXIBLY MOUNTED EQUIPMENT:	USE 4X THE ABOVE VALUES
SIMULTANEOUS VERTICAL FORCES:	USE 1/3 X HORZ. FORCE

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL AND/OR ELECTRICAL ENGINEERS AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

16. GLASS DOOR(S), ADJACENT PANELS, AND ALL GLAZED OPENINGS WITHIN EIGHTEEN (18") INCHES OF THE ADJACENT FLOOR OR OPENING SHALL BE OF TEMPERED GLASS AS APPROVED FOR IMPACT HAZARD.
17. PROVIDE BACKING BEHIND ALL EQUIPMENT RECESSED INTO RATED WALLS WITH BACKING BEHIND TO MAINTAIN THE FIRE RATING INTEGRITY OF THE WALL.
18. ACCESS DOORS SHALL BE PROVIDED AND INSTALLED WHERE INDICATED OR REQUIRED TO PROVIDE ACCESS TO CONCEALED CONTROLS AND OTHER LIKE ITEMS REQUIRING ACCESS. OBTAIN APPROVAL OF THE ARCHITECT FOR LOCATION OF ACCESS DOORS IN GYP. BRD. CEILINGS AND WALLS PRIOR TO INSTALLATION.
19. ALL INTERIOR FINISHES SHALL HAVE A MINIMUM CLASS III FLAME SPREAD RATING, EXCEPT CORRIDORS WHICH HAVE CLASS II, OR SHALL MEET OTHER REGULATIONS REQUIRED BY GOVERNING CODES.
20. COMBUSTIBLE MATERIALS OF ANY KIND ARE NOT PERMITTED ABOVE FINISH CEILING AREAS USED AS PLENUMS.
21. LIQUID PRESERVATIVE TREATMENT, FOR FIELD APPLICATION TO (E) WOOD SILL: PER AWPB; PENTACHLOROPHENOL, OR CUPRINOL GREEN #10

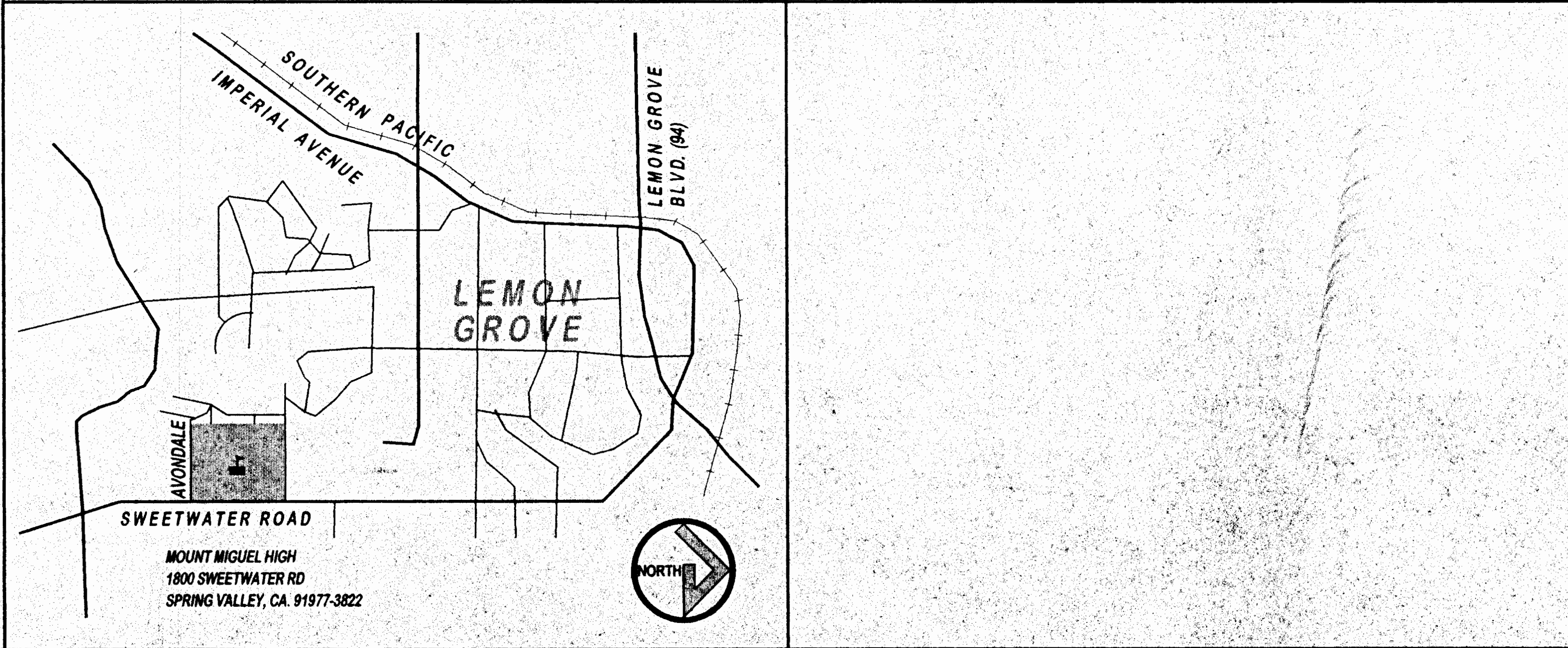
STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
MAR 2 2 2000
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

SHEET INDEX

BINDING ORDER	SHEET NUMBER	DESCRIPTION
		ABBREVIATIONS, SYMBOLS, SHEET INDEX NOTES, VICINITY MAP
		ARCHITECTURAL
1	1	TITLE SHEET
2	2	SITE PLAN 1"= 60'
3	2A	CONSTRUCTION PHASING PLAN
4	3	BUILDING ANALYSIS
5	4	PARTIAL SITE DEMOLITION PLAN
6	5	HDCP ACCESS AT ADMIN. BLDG
7	6	HDCP ACCESS BETWEEN ADMIN & BLDGS. 200 & 300
8	7	HDCP ACCESS BETWEEN BLDGS. 300 & 400 - RAMP SECTIONS
9	8	CONCRETE AT NEW SCIENCE BLDG. / STORM DRAIN
10	9	SITE DETAILS
11	10	SITE DETAILS
12	11	ARCADE #1 & #2 ENLARGED PLANS
13	12	ARCADE #1 & #2 ELEVATIONS
14	13	ARCADE DETAILS
15	14	RAMP #5 - BLDG. 500
16	15	HDCP PARKING AT WEST SIDE
17	16	RAMP #5 - BLDG. 500 - ELEVATION
18	C-1	SITE SURVEY
19	C-2	SITE SURVEY
20	C-3	SITE SURVEY
21	A-1	FLOOR PLAN
22	A-2	ROOF PLAN
23	A-3	REFLECTED CEILING PLAN
24	A-4	BLDG. SECTIONS
25	A-5	EXTERIOR ELEVATIONS
26	A-6	INTERIOR ELEVATIONS, SCIENCE #1 & #2
27	A-7	INTERIOR ELEVATIONS
28	A-8	INTERIOR ELEVATIONS, PREP. ROOM
29	A-9	INTERIOR ELEVATIONS
30	A-10	ENLARGED PLAN - TOILET ROOM & ELEVATIONS
31	A-11	ENLARGED PLAN - MEN'S ROOM - BLDG. 400
32	A-12	ENLARGED PLAN - RM 105 WOMEN'S TOILET ROOM
33	A-13	AIR CONDITIONING BLDG. 500
34	A-14	BLDG. 500 HVAC DETAILS
		DETAILS
35	T-101	FINISH SCHEDULE
36	T-102	DOOR SCHEDULE / WINDOW SCHEDULE
37	T-201	DOOR, WINDOW DETAILS
38	T-301	WALL SECTIONS
39	T-401	INTERIOR DETAILS
40	T-402	INTERIOR DETAILS
41	T-501	CEILING DETAILS
42	T-601	EXTERIOR DETAILS-ROOF
43	T-602	EXTERIOR DETAILS-WALLS
44	T-603	EXTERIOR DETAILS-WALLS & SOFFIT
45	T-701	CASEWORK DETAILS
46	T-702	CASEWORK DETAILS
47	T-703	CASEWORK DETAILS
48	T-801	GRAPHIC REQUIREMENTS

BINDING ORDER	SHEET NUMBER	DESCRIPTION
		STRUCTURAL
49	S-1	GENERAL NOTES
50	S-2	FLOOR AND FOUNDATION PLAN
51	S-3	ROOF FRAMING PLAN
52	S-4	TYPICAL DETAILS
53	S-5	SECTIONS AND DETAILS
54	S-6	SECTIONS AND DETAILS
55	S-7	SECTIONS AND DETAILS
56	S-8	SECTIONS AND DETAILS
57	S-9	SECTIONS AND DETAILS
58	S-10	SECTIONS AND DETAILS
		PLUMBING
59	P-1	PLUMBING SITE PLAN
60	P-2	PLUMBING FLOOR PLAN - NORTH SECTION
61	P-3	PLUMBING FLOOR PLAN - SOUTH SECTION
62	P-4	PLUMBING LEGEND, SCHEDULE, NOTES, AND DETAILS
63	P-5	ENLARGE TOILET RM. PLUMB. PLAN - BLDG. 400
		MECHANICAL
64	M-1	MECHANICAL SCHEDS., NOTES & LEGEND
65	M-2	MECHANICAL FLOOR PLAN - SCIENCE BLDG.
66	M-3	MECHANICAL FLOOR PLAN - BLDG. 500
67	M-4	MECHANICAL ROOF PLAN - SCIENCE BLDG.
68	M-5	MECHANICAL ROOF PLAN - BLDG. 500
69	M-6	MECHANICAL DETAILS
70	M-7	MECHANICAL DETAILS
		ELECTRICAL
71	E-101	SYMBOL LIST, FIXTURE SCHEDULE & NOTES
72	E-102	ELECTRICAL DETAILS
73	E-103	ELECTRICAL SINGLE LINE DIAGRAM
74	E-104	PANEL SCHEDULES
75	E-105	FIRE ALARM NOTES & DETAILS
76	E-106	FIRE ALARM DIAGRAMS
77	E-201	ELECTRICAL SITE PLAN
78	E-401	LIGHTING FLOOR PLAN
79	E-501	POWER FLOOR PLAN
80	E-502	ELECTRICAL ROOF PLAN
81	E-503	BUILDING 500 POWER ROOF PLAN
82	E-601	SIGNAL FLOOR PLAN

VICINITY MAP



MOUNT MIGUEL HIGH
1800 SWEETWATER RD
SPRING VALLEY, CA 91977-3822

ABBREVIATIONS, SYMBOLS & VICINITY MAP

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC G FLS 4 SS
DATE DEC 14 1999

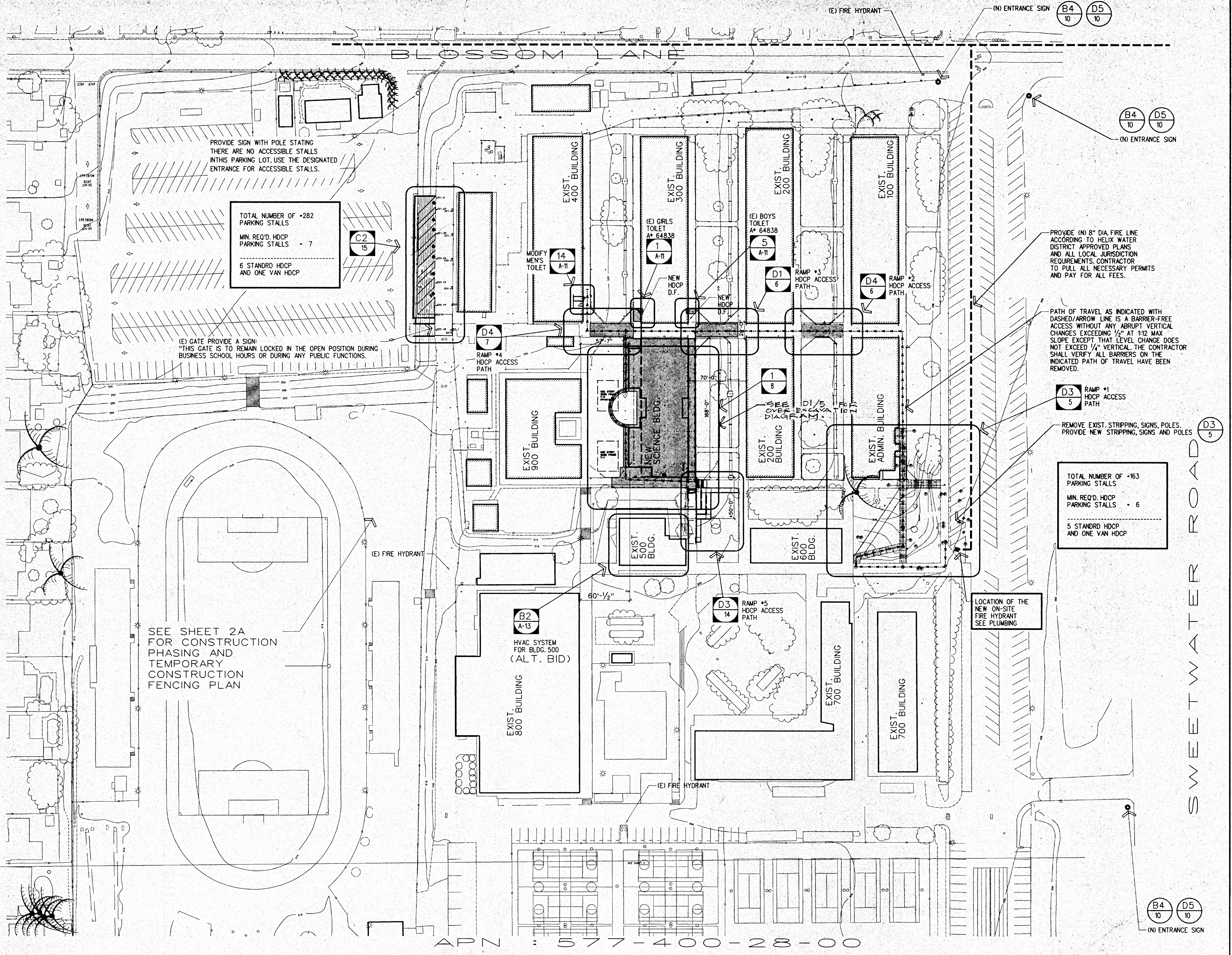
SS: G. HONS
ACP: G. IZOR

TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000

CARMICHAEL-KEMP
ARCHITECTS
AIA
2370 LOS FELIZ PLACE • LOS ANGELES • 9003[illegible] • 323 666 1265

JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
1
BINDING ORDER 1 OF 82

DSA SET


BLOSSOM LANE
SWEETWATER ROAD
APN : 577-400-28-00
(E) FIRE HYDRANT
(N) ENTRANCE SIGN B4/10 D5/10
(N) ENTRANCE SIGN B4/10 D5/10
(N) ENTRANCE SIGN B4/10 D5/10
EXIST. 400 BUILDING
EXIST. 300 BUILDING
EXIST. 200 BUILDING
EXIST. 100 BUILDING
MODIFY MEN'S TOILET 14/A-11
(E) GIRLS TOILET A# 64838 1/A-11
(E) BOYS TOILET A# 64838 5/A-11
NEW HDCP D.F.
NEW HDCP D.F.
D1/6 RAMP #3 HDCP ACCESS PATH
D4/6 RAMP #2 HDCP ACCESS PATH
D4/7 RAMP #4 HDCP ACCESS PATH
C2/15
57'-7"
20'-0"
70'-0"
168'-0"
±50'-0"
1/8
SEE D1/5 FOR OVER EXCAVATION DIAGRAM.
EXIST. 900 BUILDING
NEW SCIENCE BLDG.
EXIST. 200 BUILDING
EXIST. ADMIN. BUILDING
D3/5 RAMP #1 HDCP ACCESS PATH
EXIST. 500 BLDG.
EXIST. 600 BLDG.
60'-½"
B2/A-13 HVAC SYSTEM FOR BLDG. 500 (ALT. BID)
D3/14 RAMP #5 HDCP ACCESS PATH
EXIST. 800 BUILDING
EXIST. 700 BUILDING
EXIST. 700 BUILDING
(E) FIRE HYDRANT
(E) FIRE HYDRANT
SEE SHEET 2A FOR CONSTRUCTION PHASING AND TEMPORARY CONSTRUCTION FENCING PLAN

PROVIDE SIGN WITH POLE STATING THERE ARE NO ACCESSIBLE STALLS INTHIS PARKING LOT. USE THE DESIGNATED ENTRANCE FOR ACCESSIBLE STALLS.

TOTAL NUMBER OF =282 PARKING STALLS

MIN. REQ'D. HDCP PARKING STALLS = 7

6 STANDRD HDCP AND ONE VAN HDCP

(E) GATE PROVIDE A SIGN:
"THIS GATE IS TO REMAIN LOCKED IN THE OPEN POSITION DURING BUSINESS SCHOOL HOURS OR DURING ANY PUBLIC FUNCTIONS.

PROVIDE (N) 8" DIA. FIRE LINE ACCORDING TO HELIX WATER DISTRICT APPROVED PLANS AND ALL LOCAL JURISDICTION REQUIREMENTS. CONTRACTOR TO PULL ALL NECESSARY PERMITS AND PAY FOR ALL FEES.

PATH OF TRAVEL AS INDICATED WITH DASHED/ARROW LINE IS A BARRIER-FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING ½" AT 1:12 MAX SLOPE EXCEPT THAT LEVEL CHANGE DOES NOT EXCEED ¼" VERTICAL. THE CONTRACTOR SHALL VERIFY ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.

REMOVE EXIST. STRIPPING, SIGNS, POLES. PROVIDE NEW STRIPPING, SIGNS AND POLES D3/5

TOTAL NUMBER OF =163 PARKING STALLS

MIN. REQ'D. HDCP PARKING STALLS = 6

5 STANDRD HDCP AND ONE VAN HDCP

LOCATION OF THE NEW ON-SITE FIRE HYDRANT SEE PLUMBING

* ORIGINAL @ DSA FILE

LOCAL FIRE AUTHORITY

ACCESS ROADS & GATE ENTRANCES PER TITLE 19, CALIFORNIA CODE OF REGULATIONS SUBCHAPTER 1, ARTICLES 3.05 ACCESS ROADS AND 3.16 GATE ENTRANCES TO SCHOOL GROUNDS.

FIRE FLOW & HYDRANT LOCATION & DISTRIBUTION PER CALIFORNIA FIRE CODE, APPENDIX III-AA FIRE FLOW AND APPENDIX III-B, FIRE HYDRANT LOCATION & DISTRIBUTION. APPENDICES FROM 1991 U.F.C. WITH CSFM AMMENDMENTS.

RANK/TITLE____________________

DATE:__________ TELEPHONE NO.__________

APPROVAL ISSUED BY____________________

① SITE PLAN

1"=60'-0"

1"=60'
0 5' 15' 35' 75' 120'

NORTH

c:\grossmont\9822-1\2.sht Dec. 11 1999 11:41:14

SITE PLAN

CARMICHAEL-KEMP
ARCHITECTS
AIA
2370 [illegible] LOS ANGELES [illegible] 90039 323 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC GL FLS JG SS
DATE DEC 1 4 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
2
BINDING ORDER 2 OF 82

① EXISTING RELOCATABLE CLASSROOMS TO BE MOVED BY DISTRICT PRIOR TO START OF CONSTRUCTION.

② EXISTING TEMPORARY CHAINLINK FENCE TO BE REMOVED BY DISTRICT PRIOR TO START OF CONSTRUCTION.

③ EXISTING PA/BELL/CLOCK IN THE WOODEN BOX TO BE RELOCATED, ASSOCIATED CONDUITS TO BE INTERCEPTED PER ELECTRICAL DRAWINGS PRIOR TO DEMOLITION OF CONCRETE SLAB. ALL WORK TO BE DONE AFTER SCHOOL HOURS AND /OR ON THE WEEKENDS WHEN SCHOOL IS NOT IN SESSION. ALL EXISTING SYSTEMS MUST REMAIN OPERATIONAL DURING SCHOOL HOURS WHEN STUDENTS OR STAFF ARE PRESENT.

④ EXISTING STORGE CONTAINER TO BE REMOVED BY DISTRICT.

SPRING BREAK – APRIL 10, 2000 THRU APRIL 21, 2000
SCHOOL NOT IN SESSION

⑤ INSTALLATION OF THE NEW FIRE LINE AND HYDRANT TO BE COMPLETED DURING SPRING BREAK, APRIL 10, 2000 THRU APRIL 21, 2000, WHEN SCHOOL IS NOT OCCUPIED. ALL WORK TO BE COMPLETED PRIOR TO RESURFACING OF THE ENTIRE PARKING BY CALTRANS DURING SUMMER BREAK.

SUMMER BREAK PHASE "A" – JUNE 23, 2000 THRU JULY 21, 2000
SCHOOL NOT IN SESSION

⑥ INSTALLATION OF THE NEW ELECTRICAL SUBSTATION AT BUILDING 400.

⑦ INSTALLATION OF RAMP #1, STAIRS AND WORK AS SHOWN ON D3/5, EXCEPT WORK AT HDCP PARKING. RESTRIPING AND THE WORK IN THE PARKING LOT NOT TO START PRIOR TO COMPLETION OF RESURFACING OF THE ENTIRE PARKING LOT BY CALTRANS DURING SUMMER BREAK.

SUMMER BREAK PHASE "B" – JUNE 23, 2000 THRU AUGUST 1, 2000
SCHOOL NOT IN SESSION

⑧ WORK IN EXISTING MENS TOILET IN BLDG 400 AND RELATED SITE WORK.

⑨ WORK IN EXISTING BOYS AND GIRLS TOILETS IN BUILDING 300 AND RELATED SITE WORK.

⑩ WORK INSIDE OF COVERED WALK ROOM 118 TO ALLOW STUDENT CIRCULATION THROUGH IT.
CONTRACTOR TO MODIFY CONSTRUCTION BARRICADE AT THAT TIME TO ALLOW STUDENT TRAFFIC FOR THE DURATION OF CONSTRUCTION THRU ROOM #118.

⑪ INSTALLATION OF RAMP #2. REFER TO D4/6

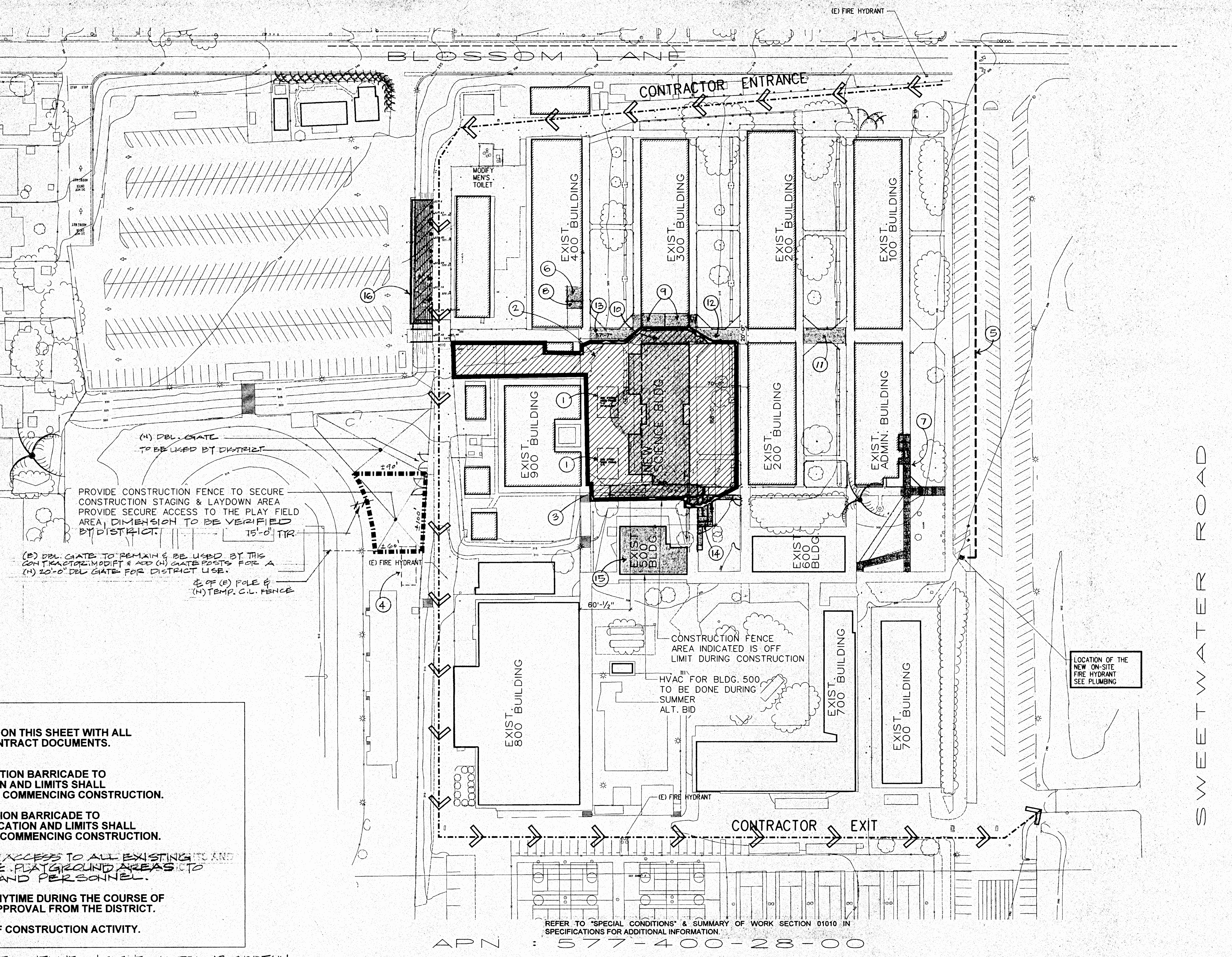
⑫ INSTALLATION OF RAMP #3. REFER TO D1/6

⑬ INSTALLATION OF RAMP #4. REFER TO D4/7

⑭ INSTALLATION OF RAMP #5. REFER TO D3/14

⑮ INSTALLATION OF HVAC SYSTEM AT BUILDING 500. (ALT. BID) SHT'S A-13 & A-14

⑯ INSTALLATION OF RETAINING WALL & HDCP PARKING AT WEST SIDE. C2/15


BLOSSOM LANE
(E) FIRE HYDRANT
CONTRACTOR ENTRANCE
MODIFY MEN'S TOILET
EXIST. 400 BUILDING
EXIST. 300 BUILDING
EXIST. 200 BUILDING
EXIST. 100 BUILDING
EXIST. 900 BUILDING
NEW SCIENCE BLDG.
EXIST. 200 BUILDING
EXIST. ADMIN. BUILDING
EXIST. 500 BLDG.
EXIS. 600 BLDG.
EXIST. 800 BUILDING
EXIST. 700 BUILDING
EXIST. 700 BUILDING
(N) DBL. GATE TO BE USED BY DISTRICT
PROVIDE CONSTRUCTION FENCE TO SECURE CONSTRUCTION STAGING & LAYDOWN AREA PROVIDE SECURE ACCESS TO THE PLAY FIELD AREA. DIMENSION TO BE VERIFIED BY DISTRICT.
15'-0" TYP.
(E) DBL. GATE TO REMAIN & BE USED BY THIS CONTRACTOR. MODIFY & ADD (N) GATE POSTS FOR A (N) 20'-0" DBL GATE FOR DISTRICT USE.
℄ OF (E) POLE & (N) TEMP. C.L. FENCE
(E) FIRE HYDRANT
60'-½"
CONSTRUCTION FENCE AREA INDICATED IS OFF LIMIT DURING CONSTRUCTION
HVAC FOR BLDG. 500 TO BE DONE DURING SUMMER ALT. BID
LOCATION OF THE NEW ON-SITE FIRE HYDRANT SEE PLUMBING
(E) FIRE HYDRANT
CONTRACTOR EXIT
SWEETWATER ROAD
REFER TO "SPECIAL CONDITIONS" & SUMMARY OF WORK SECTION 01010 IN SPECIFICATIONS FOR ADDITIONAL INFORMATION.
APN : 577-400-28-00

COORDINATION NOTES:

1. COORDINATE THE WORK SCOPE INDICATED ON THIS SHEET WITH ALL OTHER WORK SCOPE INDICATED IN THE CONTRACT DOCUMENTS.
2. ‒ · ‒ · ‒ INDICATES CHAIN LINK CONSTRUCTION BARRICADE TO ENCLOSE STAGING AREA. EXACT LOCATION AND LIMITS SHALL BE REVIEWED WITH THE DISTRICT PRIOR TO COMMENCING CONSTRUCTION.
3. ▬▬▬ INDICATES PLYWOOD CONSTRUCTION BARRICADE TO ENCLOSE CONSTRUCTION AREA. EXACT LOCATION AND LIMITS SHALL BE REVIEWED WITH THE DISTRICT PRIOR TO COMMENCING CONSTRUCTION.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING BUILDINGS, PARKING & USABLE PLAYGROUND AREAS TO ACCOMMODATE STUDENTS AND PERSONNEL.
5. NO UTILITY SHUT DOWN IS PERMITTED AT ANYTIME DURING THE COURSE OF CONSTRUCTION WITHOUT PRIOR WRITTEN APPROVAL FROM THE DISTRICT.
6. ▨ SHADED AREAS INDICATES AREA OF CONSTRUCTION ACTIVITY.
7. THE INTENT OF PHASING PLAN IS TO OUTLINE, IN GENERAL TERMS, CERTAIN PORTIONS OF THE WORK SCOPE RELATIVE TO SPECIFIC TIMELINES. REFER TO SUMMARY OF WORK, SPECIFICATION SECTION 01010 FOR SPECIFIC START & COMPLETION DATES RELATIVE TO EACH PROJECT PHASE. COORDINATE THE SCOPE OF WORK INDICATED ON THIS SHEET WITH ALL OTHER WORK SCOPE INDICATED ELSEWHERE.

① **SITE PLAN**
1:-60'-0"

1"=60'
0 5' 15' 35' 75' 120'

NORTH

n:\grossmont\9822-1\2a.dgn Dec. 12, 1999 14:21:09

CONSTRUCTION PHASING PLAN

CARMICHAEL-KEMP
ARCHITECTS AIA
2370 LOS FELIZ PLACE LOS ANGELES 90039 323 660 1265

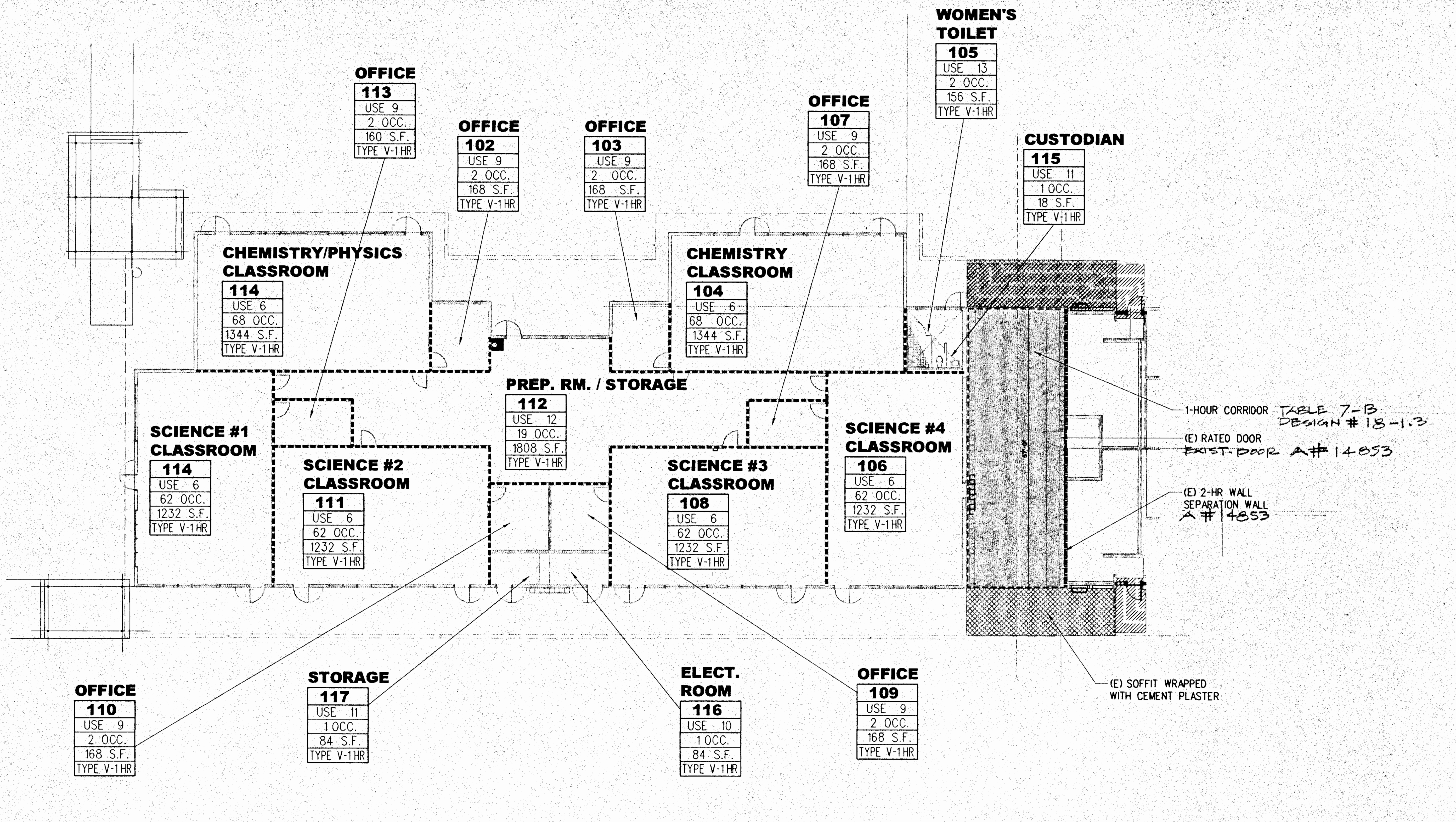
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC G FLS ___ SS ___
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

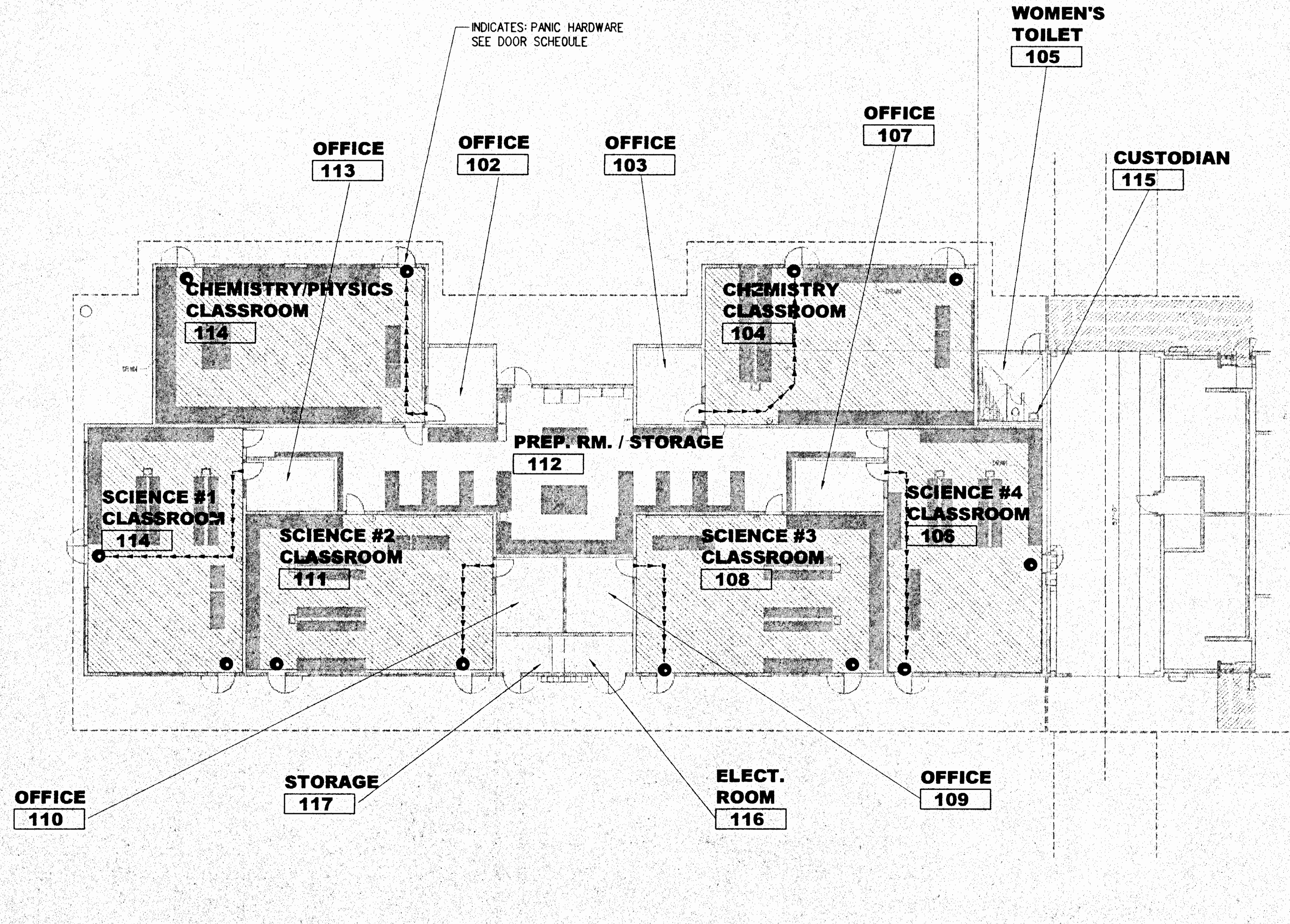
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
2A
BINDING ORDER 3 OF 82


OFFICE 113 USE 9 2 OCC. 160 S.F. TYPE V-1HR
OFFICE 102 USE 9 2 OCC. 168 S.F. TYPE V-1HR
OFFICE 103 USE 9 2 OCC. 168 S.F. TYPE V-1HR
OFFICE 107 USE 9 2 OCC. 168 S.F. TYPE V-1HR
WOMEN'S TOILET 105 USE 13 2 OCC. 156 S.F. TYPE V-1HR
CUSTODIAN 115 USE 11 1 OCC. 18 S.F. TYPE V-1HR
CHEMISTRY/PHYSICS CLASSROOM 114 USE 6 68 OCC. 1344 S.F. TYPE V-1HR
CHEMISTRY CLASSROOM 104 USE 6 68 OCC. 1344 S.F. TYPE V-1HR
PREP. RM. / STORAGE 112 USE 12 19 OCC. 1808 S.F. TYPE V-1HR
SCIENCE #1 CLASSROOM 114 USE 6 62 OCC. 1232 S.F. TYPE V-1HR
SCIENCE #2 CLASSROOM 111 USE 6 62 OCC. 1232 S.F. TYPE V-1HR
SCIENCE #3 CLASSROOM 108 USE 6 62 OCC. 1232 S.F. TYPE V-1HR
SCIENCE #4 CLASSROOM 106 USE 6 62 OCC. 1232 S.F. TYPE V-1HR
OFFICE 110 USE 9 2 OCC. 168 S.F. TYPE V-1HR
STORAGE 117 USE 11 1 OCC. 84 S.F. TYPE V-1HR
ELECT. ROOM 116 USE 10 1 OCC. 84 S.F. TYPE V-1HR
OFFICE 109 USE 9 2 OCC. 168 S.F. TYPE V-1HR
1-HOUR CORRIDOR TABLE 7-B DESIGN # 18-1.3
(E) RATED DOOR EXIST. DOOR A# 14853
(E) 2-HR WALL SEPARATION WALL A# 14853
(E) SOFFIT WRAPPED WITH CEMENT PLASTER

B2 BUILDING ANALYSIS

1/16"=1'-0"



D2 EXIT ANALYSIS

1/16"=1'-0"

BUILDING CODE ANALYSIS

NEW SCIENCE BUILDING

AREA ANALYSIS

ANALYZE AS E-1 TYPE V-1 HR, ONE STORY BUILDING

BASIC ALLOWABLE	15,700
SEPARATION 2 SIDES (50 %)	NOT USED
TOTAL ALLOWABLE	15,700
ACTUAL AREA	10,740

10,740 < 15,700 THERFORE OKAY

SPACE USE & EXIT LOADING FACTOR

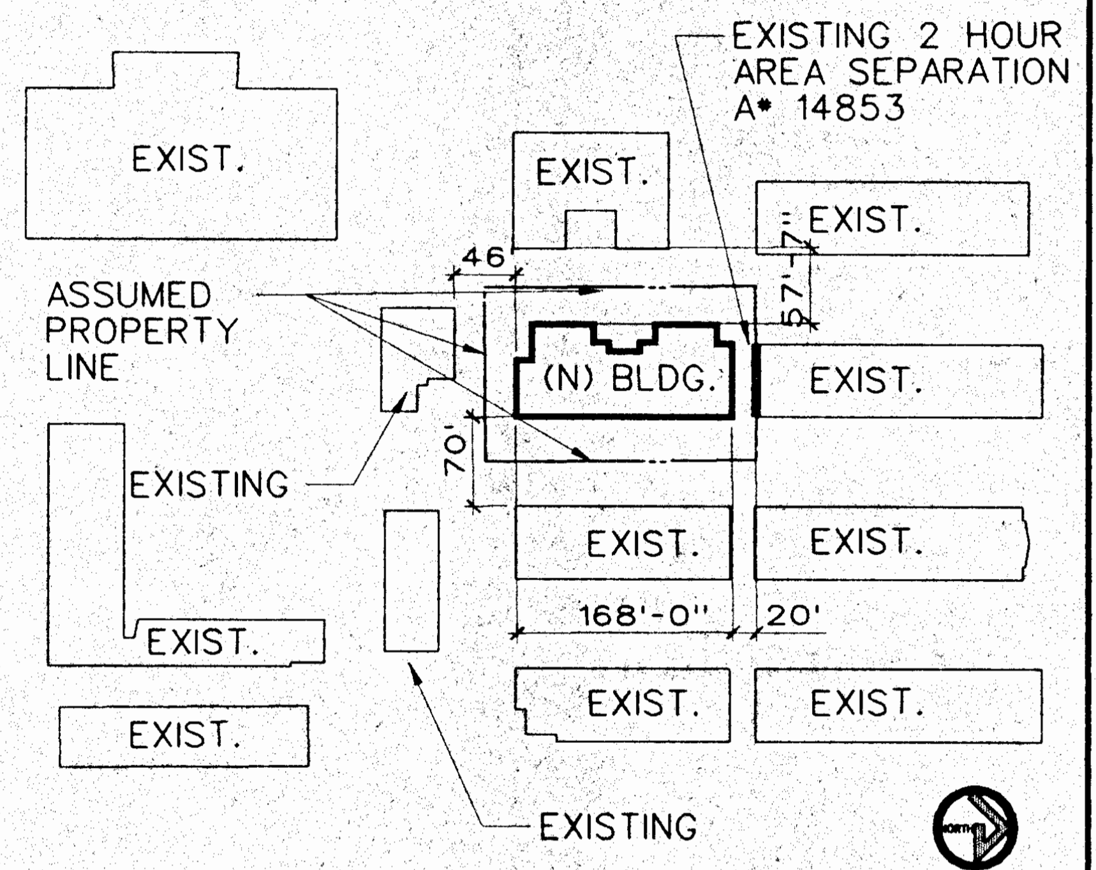
(ALL SPACES ARE GROUP E-1, U.N.O.)

1. ASSEMBLY - 1:7/1:3 @ BLEACHERS (A-2 OR A-2.1)
2. SERVING AREA - 1:15 (B)
3. CONFERENCE ROOM - 1:15 (B)
4. DINING ROOM - 1:15
5. STAGE - 1:15 (A-2.1)
6. CLASSROOMS - 1:20
7. KITCHEN - 1:200 (B)
8. LIBRARY - 1:20
9. ADMIN. OFFICES - 1:100 (B)
10. MECH. & ELEC. ROOM - 1:300
11. STORAGE, JANITOR - 1:300*
12. WORK, PREP. ROOM - 1:100*
13. RESTROOM - 1:100*
14. OTHER - 1:100*
15. LOCKER ROOM - 1:50
16. GYMNASUIM - 1:15
17. VOCATIONAL ROOM - 1:50
18 PLATFORM - 1:15 (A-2.1)

* ACCESSORY USE AREA NOT INCLUDED IN COMPUTING THE TOTAL OCC. LOAD

LEGEND & SYMBOLS

———	DRAFT STOP IN ATTIC
- - - - -	1-HOUR WALL DESIGN # 18-1.3 PER TABLE 7-B
—·—·—	2-HOUR WALL (OR DRAFT STOP)
▨	1-HOUR CORRIDOR
101 / USE / OCC. / S.F. / TYPE V-1HR	ROOM NUMBER USE TYPE - SEE LIST ABOVE OCCUPANT LOAD OF SPACE AREA OF SPACE CONSTRUCTION TYPE OF SPACE
▩	(E) SOFFIT WRAPPED WITH CEMENT PLASTER
▧	AREAS WITH SMOKE DETECTORS AT EXIT PATHS
———	ASSUMED PROPERTY LINES
►–►–►	EXIT THRU ROOMS
66"/72"	REQD. WIDTH/PROVIDED WIDTH
329 OCC.	OCCUPANT LOAD @ EXIT
●	DOORS WITH PANIC HARDWARE



C5 ASSUMED PROPERTY LINES

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES CA 90039 213 666 1265

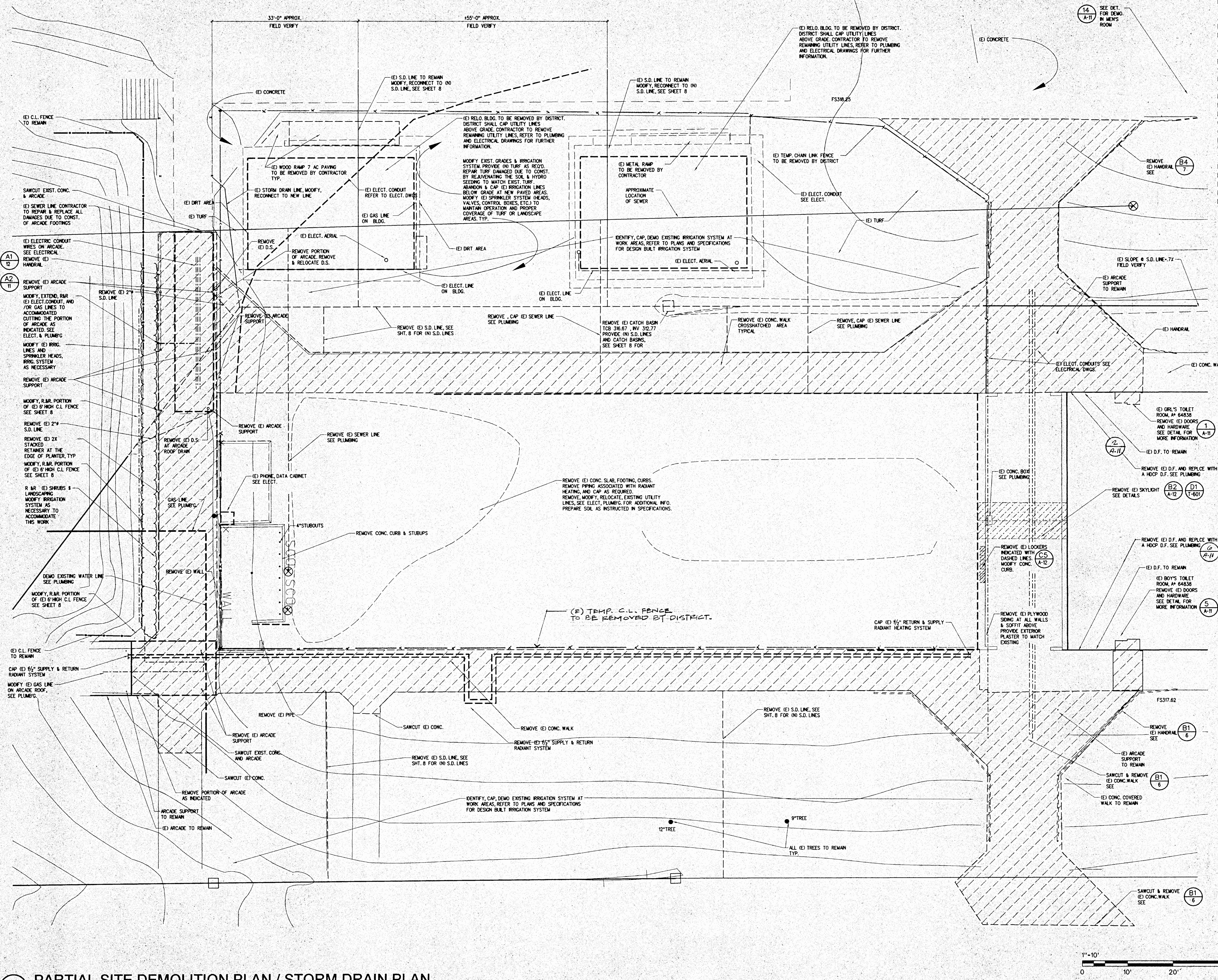
LICENSED ARCHITECT
TAMARA SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS ___ SS ___
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

BUILDING ANALYSIS

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	3
BINDING ORDER	4 OF 82


33'-0" APPROX.
FIELD VERIFY
±55'-0" APPROX.
FIELD VERIFY
(E) CONCRETE
(E) C.L. FENCE TO REMAIN
SAWCUT EXIST. CONC. & ARCADE
(E) SEWER LINE CONTRACTOR TO REPAIR & REPLACE ALL DAMAGES DUE TO CONST. OF ARCADE FOOTINGS
(E) ELECTRIC CONDUIT WIRES ON ARCADE. SEE ELECTRICAL
A1 / 12
REMOVE (E) HANDRAIL
A2 / 11
REMOVE (E) ARCADE SUPPORT
MODIFY, EXTEND, R&R (E) ELECT.CONDUIT, AND /OR GAS LINES TO ACCOMMODATED CUTTING THE PORTION OF ARCADE AS INDICATED. SEE ELECT. & PLUMB'G
MODIFY (E) IRRIG. LINES AND SPRINKLER HEADS, IRRIG. SYSTEM AS NECESSARY
REMOVE (E) ARCADE SUPPORT
MODIFY, R.&R. PORTION OF (E) 6' HIGH C.L FENCE SEE SHEET 8
REMOVE (E) 2"ø S.D. LINE
REMOVE (E) 2X STACKED RETAINER AT THE EDGE OF PLANTER, TYP
MODIFY, R.&R. PORTION OF (E) 6' HIGH C.L FENCE SEE SHEET 8
R &R (E) SHRUBS & LANDSCAPING MODIFY IRRIGATION SYSTEM AS NECESSARY TO ACCOMMODATE THIS WORK
DEMO EXISTING WATER LINE SEE PLUMBING
MODIFY, R.&R. PORTION OF (E) 6' HIGH C.L FENCE SEE SHEET 8
(E) C.L. FENCE TO REMAIN
CAP (E) 1/2" SUPPLY & RETURN RADIANT SYSTEM
MODIFY (E) GAS LINE ON ARCADE ROOF, SEE PLUMB'G.
REMOVE (E) 2"ø S.D. LINE
(E) DIRT AREA
(E) TURF
(E) WOOD RAMP 7 AC PAVING TO BE REMOVED BY CONTRACTOR TYP.
(E) STORM DRAIN LINE, MODIFY, RECONNECT TO NEW LINE
REMOVE (E) D.S.
REMOVE PORTION OF ARCADE. REMOVE & RELOCATE D.S.
(E) ELECT. AERIAL
(E) S.D. LINE TO REMAIN MODIFY, RECONNECT TO (N) S.D. LINE, SEE SHEET 8
(E) ELECT. CONDUIT REFER TO ELECT. DWGS
(E) GAS LINE ON BLDG.
(E) RELO. BLDG. TO BE REMOVED BY DISTRICT. DISTRICT SHALL CAP UTILITY LINES ABOVE GRADE. CONTRACTOR TO REMOVE REMAINING UTILITY LINES, REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
MODIFY EXIST. GRADES & IRRIGATION SYSTEM. PROVIDE (N) TURF AS REQ'D. REPAIR TURF DAMAGED DUE TO CONST. BY REJUVENATING THE SOIL & HYDRO SEEDING TO MATCH EXIST. TURF. ABANDON & CAP (E) IRRIGATION LINES BELOW GRADE AT NEW PAVED AREAS. MODIFY (E) SPRINKLER SYSTEM (HEADS, VALVES, CONTROL BOXES, ETC.) TO MAINTAIN OPERATION AND PROPER COVERAGE OF TURF OR LANDSCAPE AREAS. TYP.
(E) DIRT AREA
(E) ELECT. LINE ON BLDG.
(E) ELECT. LINE ON BLDG.
REMOVE (E) ARCADE SUPPORT
REMOVE (E) S.D. LINE, SEE SHT. 8 FOR (N) S.D. LINES
REMOVE , CAP (E) SEWER LINE SEE PLUMBING
(E) S.D. LINE TO REMAIN MODIFY, RECONNECT TO (N) S.D. LINE, SEE SHEET 8
(E) METAL RAMP TO BE REMOVED BY CONTRACTOR
APPROXIMATE LOCATION OF SEWER
IDENTIFY, CAP, DEMO EXISTING IRRIGATION SYSTEM AT WORK AREAS, REFER TO PLANS AND SPECIFICATIONS FOR DESIGN BUILT IRRIGATION SYSTEM
(E) ELECT. AERIAL
(E) RELO. BLDG. TO BE REMOVED BY DISTRICT. DISTRICT SHALL CAP UTILITY LINES ABOVE GRADE. CONTRACTOR TO REMOVE REMAINING UTILITY LINES, REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
FS318.25
(E) TEMP. CHAIN LINK FENCE TO BE REMOVED BY DISTRICT
(E) ELECT. CONDUIT SEE ELECT.
(E) TURF
REMOVE (E) CATCH BASIN TCB 316.67 , INV 312.77 PROVIDE (N) S.D. LINES AND CATCH BASINS, SEE SHEET 8 FOR
REMOVE (E) CONC. WALK CROSSHATCHED AREA TYPICAL
REMOVE, CAP (E) SEWER LINE SEE PLUMBING
(E) CONCRETE
14 / A-11
SEE DET. FOR DEMO. IN MEN'S ROOM
REMOVE (E) HANDRAIL SEE
B4 / 7
(E) SLOPE @ S.D. LINE-.7% FIELD VERIFY
(E) ARCADE SUPPORT TO REMAIN
(E) HANDRAIL
(E) ELECT. CONDUITS SEE ELECTRICAL DWGS.
(E) CONC. WALK
(E) GRL'S TOILET ROOM, A# 64838
REMOVE (E) DOORS AND HARDWARE SEE DETAIL FOR MORE INFORMATION
1 / A-11
2 / A-11
(E) D.F. TO REMAIN
REMOVE (E) D.F. AND REPLCE WITH A HDCP D.F. SEE PLUMBING
(E) CONC. BOX SEE PLUMBING
REMOVE (E) SKYLIGHT SEE DETAILS
B2 / A-12
D1 / T-601
REMOVE (E) LOCKERS INDICATED WITH DASHED LINES. MODIFY CONC. CURB.
C5 / A-12
REMOVE (E) D.F. AND REPLCE WITH A HDCP D.F. SEE PLUMBING
6 / A-11
(E) D.F. TO REMAIN
(E) BOY'S TOILET ROOM, A# 64838
REMOVE (E) DOORS AND HARDWARE SEE DETAIL FOR MORE INFORMATION
5 / A-11
REMOVE (E) PLYWOOD SIDING AT ALL WALLS & SOFFIT ABOVE PROVIDE EXTERIOR PLASTER TO MATCH EXISTING
REMOVE (E) ARCADE SUPPORT
REMOVE (E) D.S. AT ARCADE ROOF DRAIN
REMOVE (E) SEWER LINE SEE PLUMBING
(E) PHONE, DATA CABINET SEE ELECT.
GAS LINE SEE PLUMB'G.
4"STUBOUTS
REMOVE CONC. CURB & STUBUPS
REMOVE (E) WALL
WALL
SCO
SCO
REMOVE (E) CONC. SLAB, FOOTING, CURBS. REMOVE PIPING ASSOCIATED WITH RADIANT HEATING, AND CAP AS REQUIRED. REMOVE, MODIFY, RELOCATE, EXISTING UTILITY LINES, SEE ELECT, PLUMB'G. FOR ADDITIONAL INFO. PREPARE SOIL AS INSTRUCTED IN SPECIFICATIONS.
(E) TEMP. C.L. FENCE TO BE REMOVED BY DISTRICT.
CAP (E) 1/2" RETURN & SUPPLY RADIANT HEATING SYSTEM
REMOVE (E) PIPE
SAWCUT (E) CONC.
REMOVE (E) CONC. WALK
REMOVE (E) 1/2" SUPPLY & RETURN RADIANT SYSTEM
REMOVE (E) S.D. LINE, SEE SHT. 8 FOR (N) S.D. LINES
REMOVE (E) ARCADE SUPPORT
SAWCUT EXIST. CONC. AND ARCADE
REMOVE (E) S.D. LINE, SEE SHT. 8 FOR (N) S.D. LINES
SAWCUT (E) CONC.
REMOVE PORTION OF ARCADE AS INDICATED
ARCADE SUPPORT TO REMAIN
(E) ARCADE TO REMAIN
IDENTIFY, CAP, DEMO EXISTING IRRIGATION SYSTEM AT WORK AREAS, REFER TO PLANS AND SPECIFICATIONS FOR DESIGN BUILT IRRIGATION SYSTEM
12"TREE
9"TREE
ALL (E) TREES TO REMAIN TYP.
FS317.62
REMOVE (E) HANDRAIL SEE
B1 / 6
(E) ARCADE SUPPORT TO REMAIN
SAWCUT & REMOVE (E) CONC.WALK SEE
B1 / 6
(E) CONC. COVERED WALK TO REMAIN
SAWCUT & REMOVE (E) CONC.WALK SEE
B1 / 6
1"=10'
0
10'
20'
40'
NORTH

1 PARTIAL SITE DEMOLITION PLAN / STORM DRAIN PLAN

1"=10'-0"

EXISTING UTILITY NOTE:

ALL EXISTING UTILITY LINES SHOWN ON THESE PLANS ARE IN DIAGRAMMATIC FORM. THE PURPOSE IS TO GIVE CONTRACTOR SOME IDEA OF THE TYPE AND VICINITY OF EXISTING UTILITY LINES IN THE WORK AREA. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITY LINES SUCH AS WATER, SEWER, ELECTRICAL, GAS, SIGNAL, IRRIGATION, FIRE HYDRANT (WATER) BY VISITING AND FIELD VERIFYING, RESEARCHING THE AS BUILT DRAWINGS AND ALSO CONTACTING THE SCHOOL MAINTENANCE PERSONNEL, BEFORE FINALIZING THE ROUTING FOR THE NEW UTILITY LINES AND START OF ANY TRENCHING ON THE GRADE, AC PAVING, AND CONCRETE SURFACES. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY AND ALL EXISTING WORK DAMAGED BY HIS CONSTRUCTION EFFORTS, THEREFORE, HE MUST TAKE EXTREME CAUTION DIGGING AROUND EXISTING UTILITY LINES.
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE ACTUAL POINT OF CONNECTION TO PROVIDE ADEQUATE SLOPE FOR SEWER AND STORM DRAIN LINES WHERE OCCURS.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL HAVE COPIES OF THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT ON THE SITE AT ALL TIMES, AND THE CONTRACTOR SHALL BE FAMILIAR WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL PRACTICE SAFETY AT ALL TIMES AND SHALL FURNISH, ERECT AND MAINTAIN SUCH FENCES, BARRICADES, LIGHTS AND SIGNS NECESSARY TO GIVE ADEQUATE PROTECTION TO THE PUBLIC AT ALL TIMES. TEMPORARY OFF-SITE TRAFFIC CONTROL SHALL BE APPROVED BY THE COUNTY.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ITEMS SHOWN ON ALL SHEETS OF THE PLANS, ASSOCIATED PROJECT MANUAL & SPECIFICATIONS.
4. ALL DEMOLITION WORK AND ABANDONMENT SHALL CONFORM TO THE LATEST VERSION OF THE CALIFORNIA BUILDING CODE, TITLE 24, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT OF RECORD.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR PROPER RESETTING OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY SURVEY MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE STATE LAND SURVEYOR'S ACT AT THE CONTRACTOR'S OWN EXPENSE.
6. ALL UTILITIES SHOWN ARE ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. THE CONTRACTOR HAS THE TOTAL RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES WITH THE UTILITY COMPANIES AND THE DISTRICT AND TO NOTIFY THEM WHEN WORKING IN THEIR PROXIMITY.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND SERVICE ALERT" AT 1-800-642-2444 FOR LOCATION OF POWER, GAS, OIL, WATER, SEWER, AND TELEPHONE UNDERGROUND FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE APPROPRIATE AGENCY FOR THE LOCATION OF ALL UNDERGROUND FACILITIES.
8. THE CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO DEMOLITION WORK. HE/SHE SHALL ALSO VERIFY THAT ALL UTILITIES TO ANY STRUCTURES TO BE DEMOLISHED ARE SHUT OFF, DISCONNECTED AND/OR CAPPED TO THE SATISFACTION OF THE UTILITY PURVEYOR AND THE GROSSMONT UNION HIGH SCHOOL DISTRICT PRIOR TO ANY DEMOLITION OF STRUCTURES.
9. THE CONTRACTOR SHALL LOCATE, PROTECT, AND REPAIR AT THE CONTRACTOR'S OWN EXPENSE ANY UTILITIES DAMAGED BY THE CONTRACTOR'S FORCE AND/OR AS A RESULT OF THE CONTRACTOR'S WORK.
10. THESE PLANS DO NOT AUTHORIZE SITE DISTURBANCE BEYOND THE LIMITS OF THE DEMOLITION LIMIT LINE AS REPRESENTED ON THE PLANS UNLESS OTHERWISE NOTED.
11. ANY DEVIATION FROM THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT OF RECORD SHALL BE AT THE CONTRACTOR'S OWN RISK AND EXPENSE.
12. ALL DEBRIS FROM THE DEMOLITION PROCESS SHALL BE REMOVED AS SOON AS POSSIBLE FROM THE SITE TO AN APPROVED DUMP AT THE CONTRACTOR'S EXPENSE UNLESS OTHERWISE NOTED.
13. ALL STREETS, ALLEYS, VEHICULAR WAYS, SIDEWALKS, AND HAUL ROUTES SHALL BE KEPT CLEAN AND CLEAR OF DEBRIS, DIRT AND DUST IN A MANNER ACCEPTABLE TO THE CITY & G.U.H.S.D. AT A MINIMUM, THESE AREAS SHALL BE CLEANED AT THE END OF EACH WORK DAY. FAILURE TO DO SO WILL RESULT IN A "STOP WORK" NOTICE. SAID NOTICE WILL NOT BE RELEASED UNTIL THE AREA HAS BEEN ADEQUATELY CLEANED. THE FLUSHING OF DIRT OR DEBRIS INTO STORM DRAIN OR SANITARY SEWER FACILITIES SHALL NOT BE PERMITTED.
14. ALL ABANDONED UTILITIES SHALL BE CAPPED IN PLACE AND MARKED IN THE FIELD AND LOCATED ON THE RECORD DRAWINGS BY THE CONTRACTOR WHICH WILL BE SUPPLIED TO BOTH THE ARCHITECT OF RECORD AND THE OWNER AT THE CONCLUSION OF THE DEMOLITION WORK.
15. CONTRACTOR SHALL NOT INTERRUPT ANY SERVICES OR DISRUPT THE OPERATION OF ADJACENT BUSINESSES, RESIDENTIAL AREAS OR ONSITE FACILITIES OUTSIDE THE LIMITS OF DEMOLITION.
16. CONTRACTOR TO REMOVE AND DISPOSE OF ALL WOOD, CONCRETE, A.C. PAVING, VEGETATION, ETC. WITHIN THE LIMITS OF DEMOLITION SHOWN UNLESS OTHERWISE NOTED ON PLANS.
17. CONTRACTOR SHALL ONLY REMOVE THOSE UNDERGROUND FACILITIES SPECIFICALLY NOTED FOR REMOVAL. DAMAGE TO EXISTING FACILITIES TO REMAIN SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

CARMICHAEL-KEMP
ARCHITECTS AIA
1870 [illegible] PLACE LOS ANGELES [illegible]

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

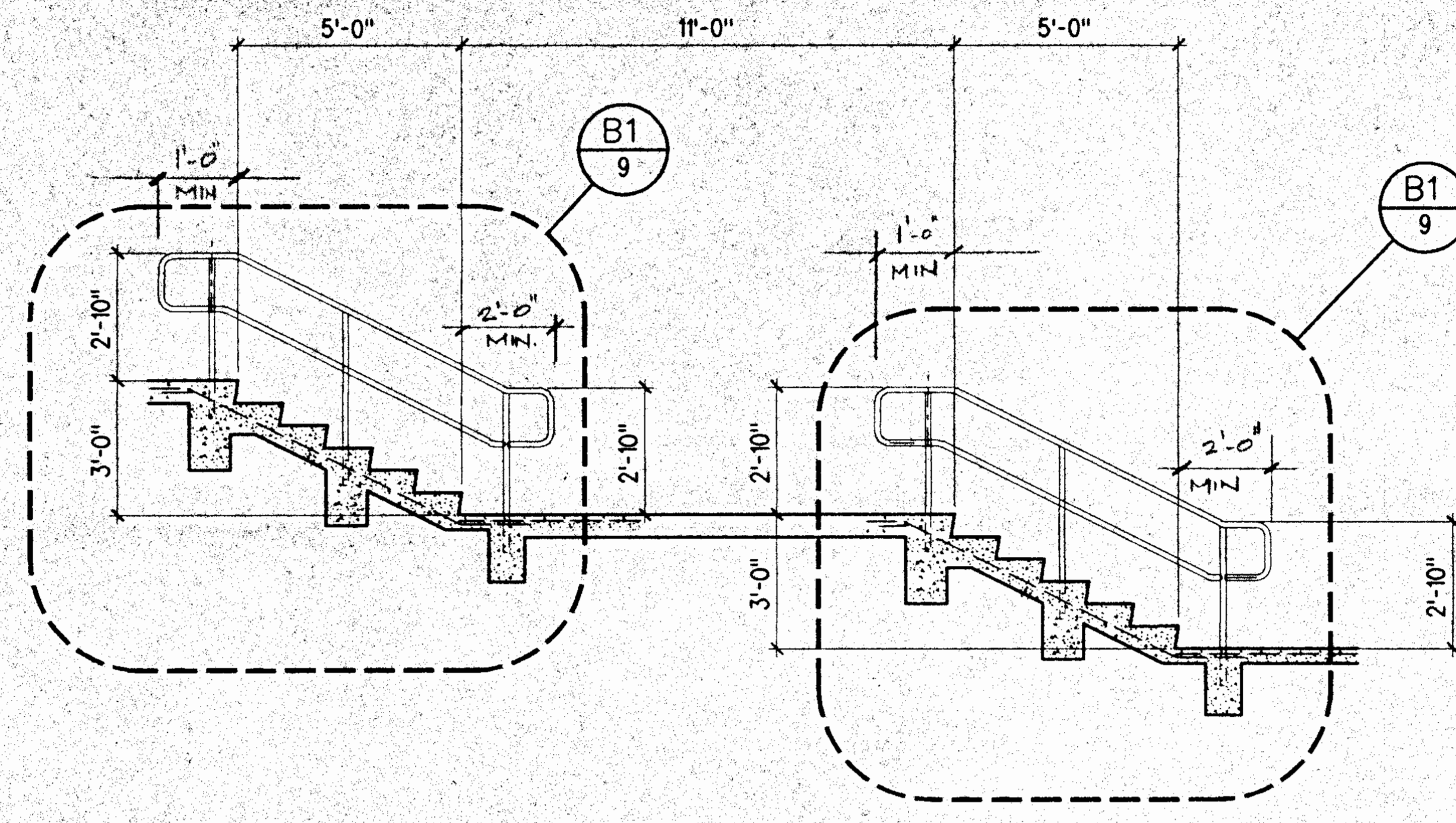
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Ca FLS ___ SS ___
DATE DEC 1999

PARTIAL SITE DEMOLITION PLAN

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
4
BINDING ORDER 5 of 82

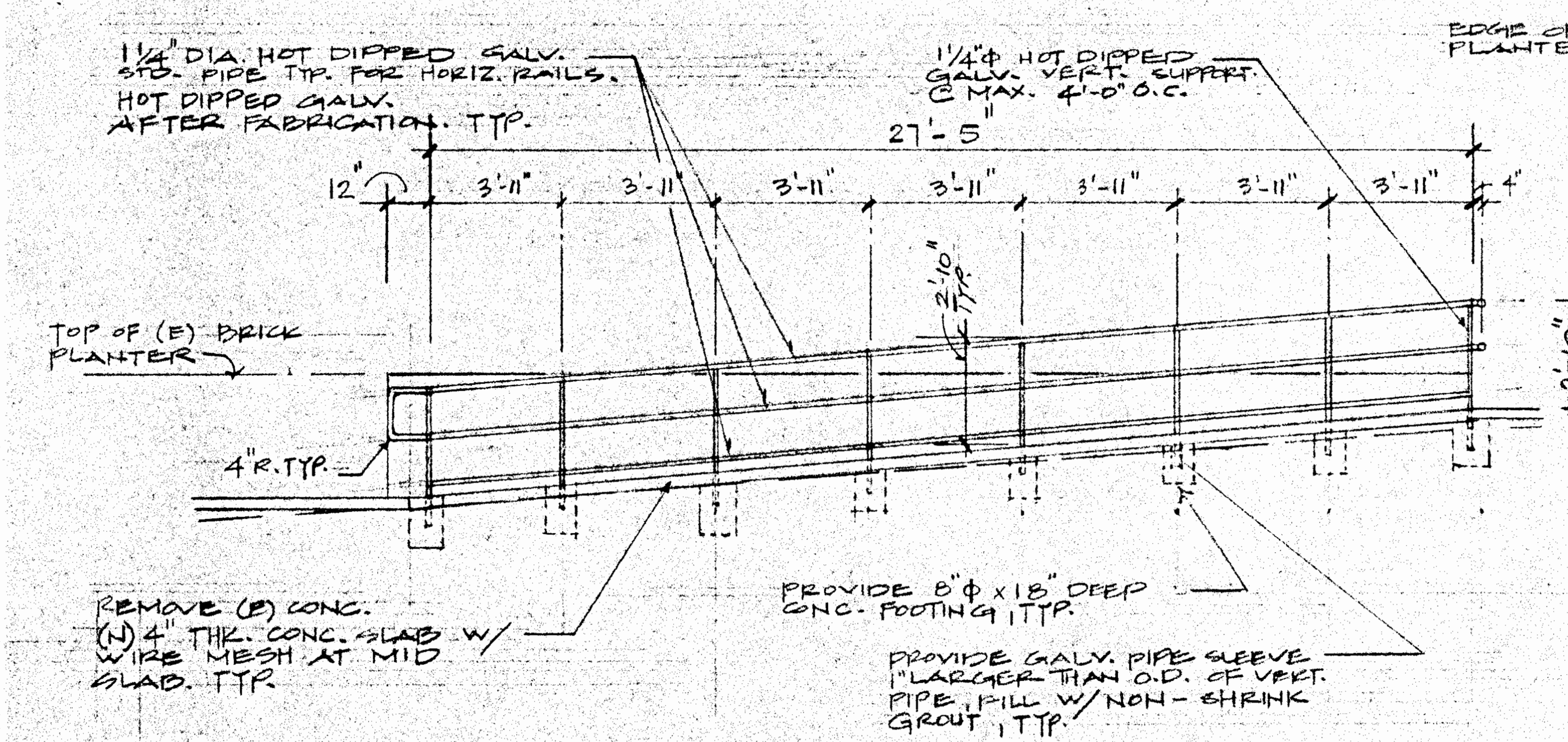
g:\grossmont\9822-1\4.sht Dec. 11 1999 05:15:44



A1 STAIR AT ADMIN BUILDING

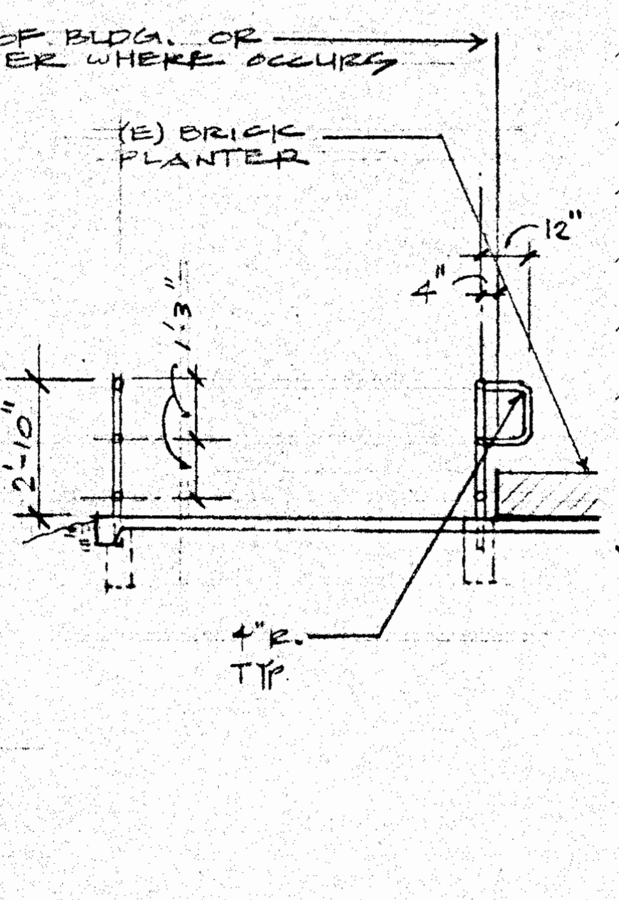
1/4"-1'-0"

stair1 .dgn


1 1/4" DIA. HOT DIPPED GALV. STD. PIPE TYP. FOR HORIZ. RAILS. HOT DIPPED GALV. AFTER FABRICATION. TYP.
1 1/4"Φ HOT DIPPED GALV. VERT. SUPPORT @ MAX. 4'-0" O.C.
27'-5"
12"
3'-11"
3'-11"
3'-11"
3'-11"
3'-11"
3'-11"
3'-11"
4"
2'-10" TYP.
TOP OF (E) BRICK PLANTER
4"R. TYP.
REMOVE (E) CONC. (N) 4" THK. CONC. SLAB W/ WIRE MESH AT MID SLAB. TYP.
PROVIDE 8"Φ x 18" DEEP CONC. FOOTING, TYP.
PROVIDE GALV. PIPE SLEEVE 1" LARGER THAN O.D. OF VERT. PIPE, FILL W/ NON-SHRINK GROUT, TYP.

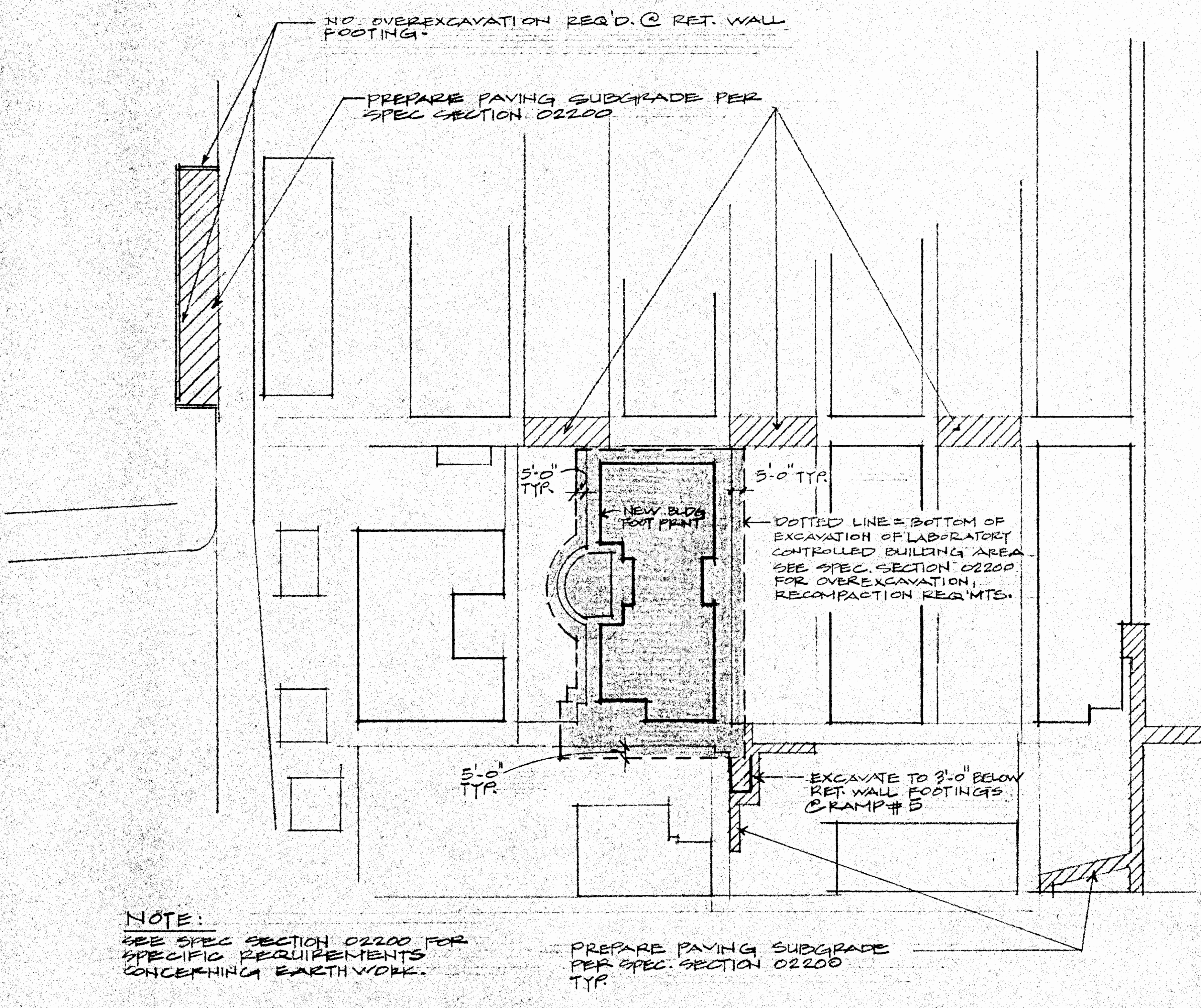
B1 RAMP #1 - @ ADMIN BLDG.

1/4"=1'-0"



B2 ELEVATION

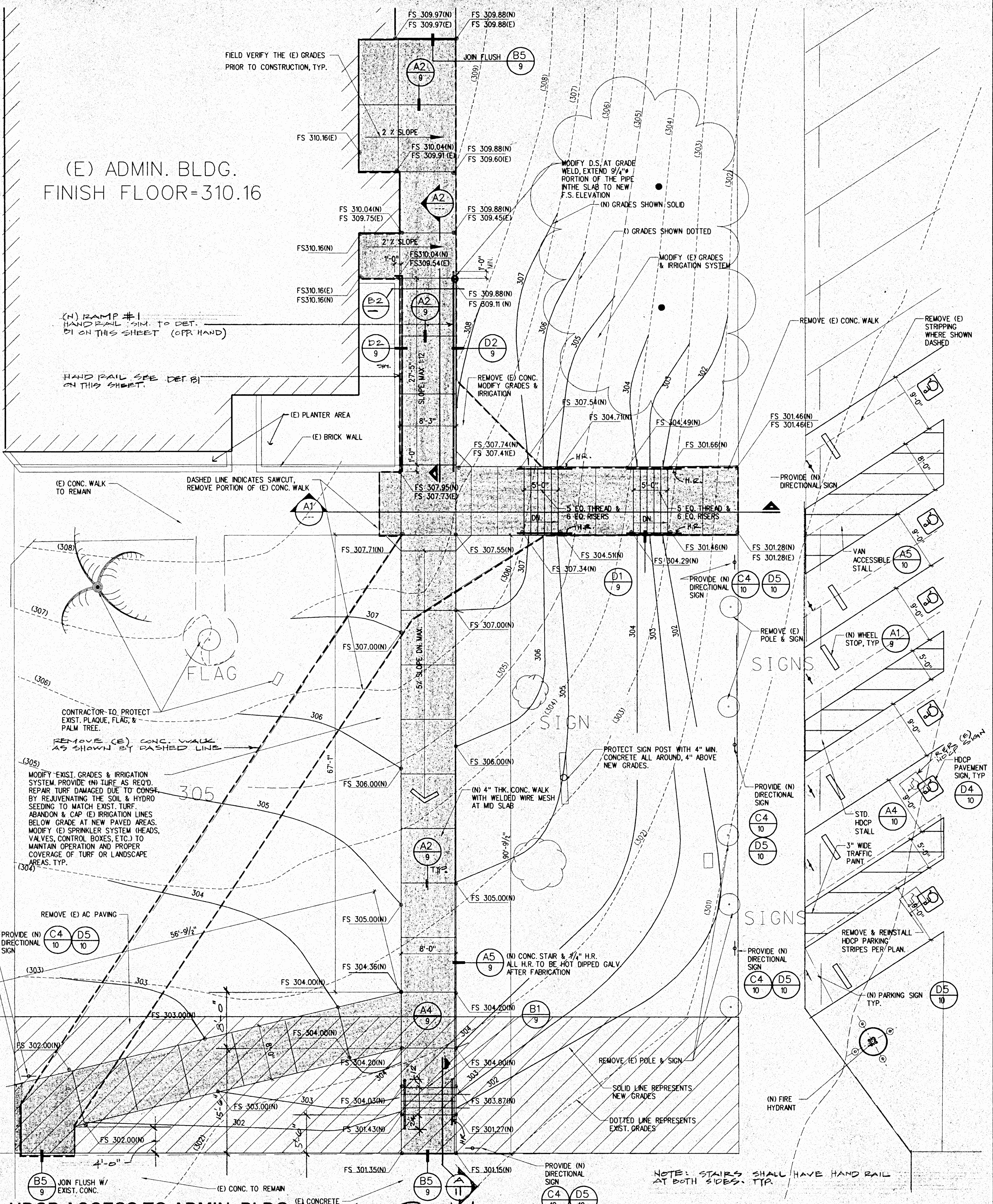
1/4"=1'-0"


NO OVEREXCAVATION REQ'D. @ RET. WALL FOOTING.
PREPARE PAVING SUBGRADE PER SPEC SECTION 02200
5'-0" TYP.
5'-0" TYP.
NEW BLDG FOOT PRINT
DOTTED LINE = BOTTOM OF EXCAVATION OF LABORATORY CONTROLLED BUILDING AREA SEE SPEC. SECTION 02200 FOR OVEREXCAVATION, RECOMPACTION REQ'MTS.
5'-0" TYP.
EXCAVATE TO 3'-0" BELOW RET. WALL FOOTINGS @ RAMP #5
PREPARE PAVING SUBGRADE PER SPEC. SECTION 02200 TYP.

NOTE:
SEE SPEC SECTION 02200 FOR SPECIFIC REQUIREMENTS CONCERNING EARTHWORK.

D1 OVEREXCAVATION / RECOMPACTION DIAGRAM

1"=60'-0"


20'-0"
REMOVE (E) AC PAVING, MODIFY GRADES AS SHOWN, PROVIDE NEW TURF TO MATCH EXIST. MODIFY BY ADDING TO THE EXISTING OR PROVIDING NEW IRRIGATION SYSTEM TO ACCOMODATE NEW LANDSCAPE AREAS.
(E) ADMIN. BLDG.
FINISH FLOOR=310.16
FIELD VERIFY THE (E) GRADES PRIOR TO CONSTRUCTION, TYP.
FS 309.97(N)
FS 309.97(E)
FS 309.88(N)
FS 309.88(E)
JOIN FLUSH
B5
9
A2
9
2% SLOPE
FS 310.16(E)
FS 310.04(N)
FS 309.91(E)
FS 309.88(N)
FS 309.60(E)
FS 310.04(N)
FS 309.75(E)
FS 309.88(N)
FS 309.45(E)
FS310.16(N)
2% SLOPE
1'-0"
FS310.04(N)
FS309.54(E)
1'-0" MIN.
FS310.16(E)
FS310.16(N)
FS 309.88(N)
FS 309.11 (N)
(309)
(308)
(307)
(306)
(305)
(304)
(303)
(302)
MODIFY D.S. AT GRADE WELD, EXTEND 9 1/4"Φ PORTION OF THE PIPE INTHE SLAB TO NEW F.S. ELEVATION
(N) GRADES SHOWN SOLID
(E) GRADES SHOWN DOTTED
MODIFY (E) GRADES & IRRIGATION SYSTEM
(N) RAMP #1 HANDRAIL SIM. TO DET. B1 ON THIS SHEET (OPP. HAND)
HAND RAIL SEE DET B1 ON THIS SHEET.
B2
D2
9
SIM.
D2
9
27'-5"
SLOPE MAX 1:12
8'-3"
1'-0"
REMOVE (E) CONC. MODIFY GRADES & IRRIGATION
(E) PLANTER AREA
(E) BRICK WALL
FS 307.54(N)
FS 304.71(N)
FS 304.49(N)
FS 301.66(N)
FS 301.46(N)
FS 301.46(E)
FS 307.74(N)
FS 307.41(E)
REMOVE (E) CONC. WALK
REMOVE (E) STRIPPING WHERE SHOWN DASHED
H.R.
5'-0"
5'-0"
5 EQ. THREAD & 6 EQ. RISERS
5 EQ. THREAD & 6 EQ. RISERS
DN.
DN.
H.R.
(E) CONC. WALK TO REMAIN
DASHED LINE INDICATES SAWCUT, REMOVE PORTION OF (E) CONC. WALK
A1
FS 307.95(N)
FS 307.73(E)
PROVIDE (N) DIRECTIONAL SIGN
FS 307.71(N)
FS 307.55(N)
FS 304.51(N)
FS 304.29(N)
FS 301.46(N)
FS 301.28(N)
FS 301.28(E)
FS 307.34(N)
D1
9
PROVIDE (N) DIRECTIONAL SIGN
C4
10
D5
10
9'-0"
8'-0"
9'-0"
VAN ACCESSIBLE STALL
A5
10
REMOVE (E) POLE & SIGN
(N) WHEEL STOP, TYP
A1
9
9'-0"
5'-0"
9'-0"
(308)
(307)
FLAG
307
FS 307.00(N)
FS 307.00(N)
5% SLOPE DN. MAX.
SIGNS
SIGN
(306)
306
CONTRACTOR TO PROTECT EXIST. PLAQUE, FLAG, & PALM TREE.
REMOVE (E) CONC. WALK AS SHOWN BY DASHED LINE
(305)
MODIFY EXIST. GRADES & IRRIGATION SYSTEM. PROVIDE (N) TURF AS REQ'D. REPAIR TURF DAMAGED DUE TO CONST. BY REJUVENATING THE SOIL & HYDRO SEEDING TO MATCH EXIST. TURF. ABANDON & CAP (E) IRRIGATION LINES BELOW GRADE AT NEW PAVED AREAS. MODIFY (E) SPRINKLER SYSTEM (HEADS, VALVES, CONTROL BOXES, ETC.) TO MAINTAIN OPERATION AND PROPER COVERAGE OF TURF OR LANDSCAPE AREAS. TYP.
305
(304)
67'-1"
FS 306.00(N)
FS 306.00(N)
PROTECT SIGN POST WITH 4" MIN. CONCRETE ALL AROUND, 4" ABOVE NEW GRADES.
(N) 4" THK. CONC. WALK WITH WELDED WIRE MESH AT MID SLAB
PROVIDE (N) DIRECTIONAL SIGN
C4
10
D5
10
REP (E) HDCP SIGN
HDCP PAVEMENT SIGN, TYP
D4
10
STD. HDCP STALL
A4
10
3" WIDE TRAFFIC PAINT
90'-9 1/2"
A2
9
TYP.
(303)
(302)
(301)
304
REMOVE (E) AC PAVING
PROVIDE (N) DIRECTIONAL SIGN
C4
10
D5
10
56'-9 1/2"
FS 305.00(N)
FS 305.00(N)
8'-0"
A5
9
(N) CONC. STAIR & 1 1/4" H.R. ALL H.R. TO BE HOT DIPPED GALV. AFTER FABRICATION
SIGNS
PROVIDE (N) DIRECTIONAL SIGN
C4
10
D5
10
REMOVE & REINSTALL HDCP PARKING STRIPES PER PLAN.
(N) PARKING SIGN TYP.
D5
10
(303)
303
FS 304.36(N)
FS 304.00(N)
FS 303.00(N)
A4
9
FS 304.20(N)
B1
9
FS 302.00(N)
8'-0"
8'-0"
FS 304.00(N)
FS 304.20(N)
FS 304.00(N)
REMOVE (E) POLE & SIGN
(N) FIRE HYDRANT
15'-6"
FS 303.00(N)
303
302
FS 304.03(N)
FS 303.87(N)
SOLID LINE REPRESENTS NEW GRADES
DOTTED LINE REPRESENTS EXIST. GRADES
5'-6"
(302)
FS 301.43(N)
FS 301.27(N)
FS 302.00(N)
4'-0"
FS 301.35(N)
FS 301.15(N)
B5
9
JOIN FLUSH W/ EXIST. CONC.
(E) CONC. TO REMAIN
(E) CONCRETE
B5
9
A
11
PROVIDE (N) DIRECTIONAL SIGN
C4
10
D5
10

NOTE: STAIRS SHALL HAVE HAND RAIL AT BOTH SIDES. TYP.

D3 HDCP ACCESS TO ADMIN. BLDG. & RAMP #1

1/8"-1'-0

.dgn

g:\grosmont\9822-1\5.sht Dec. 08, 1999 12:37:59

HDCP ACCESS AT ADMIN. BLDG.

CARMICHAEL-KEMP
ARCHITECTS
AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 660 265

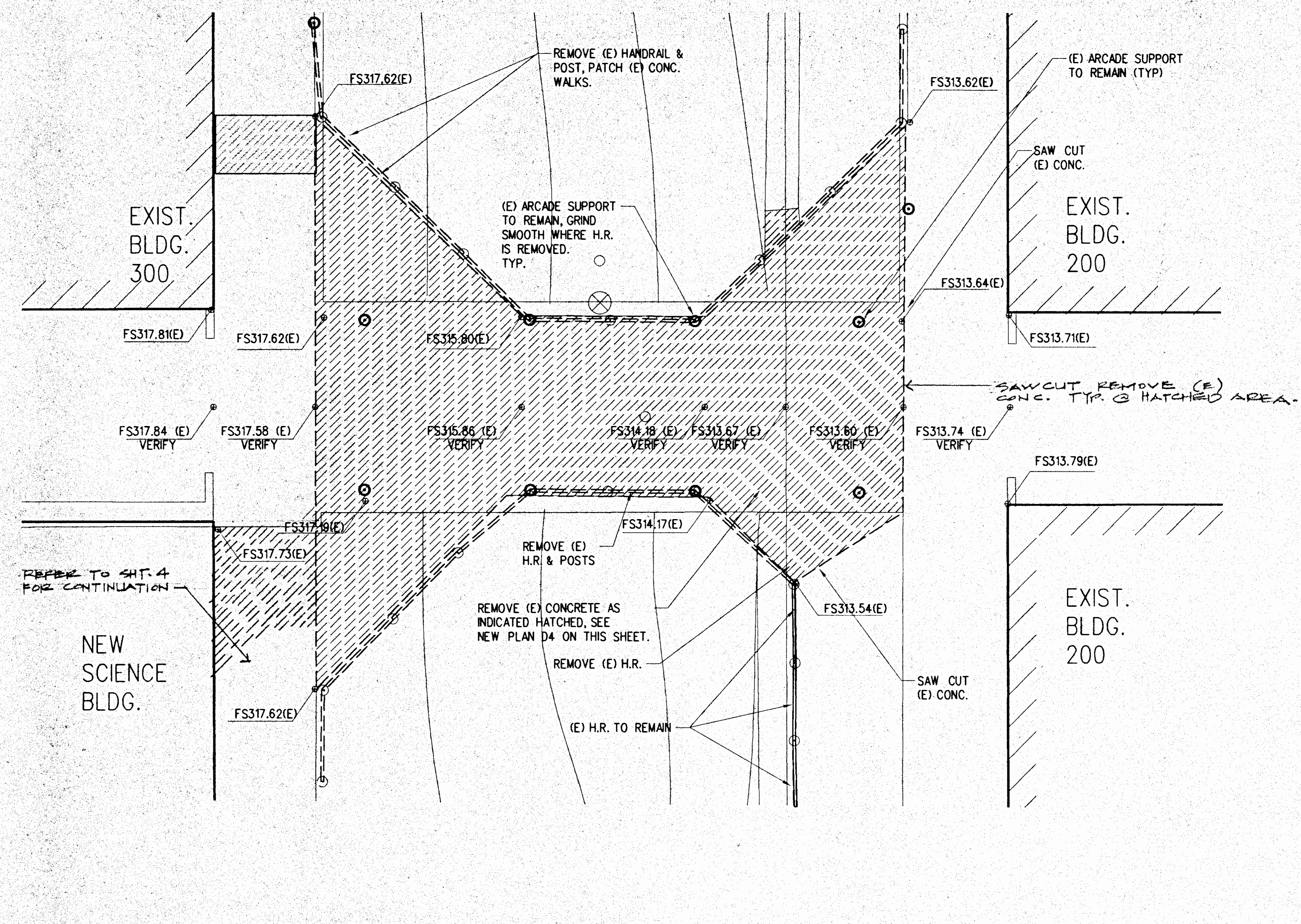
LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC LG FLS SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

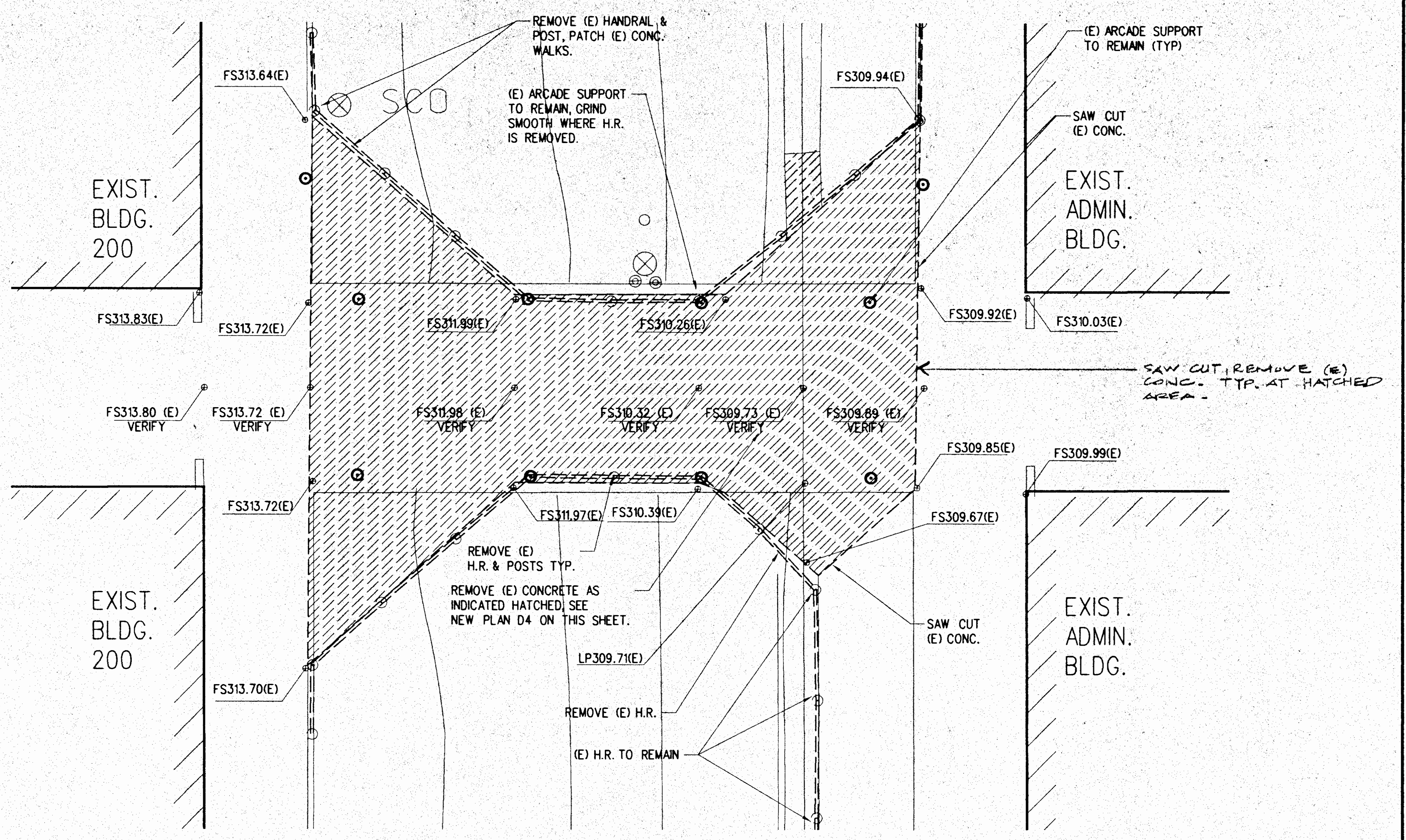
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	5
BINDING ORDER	6 OF 82



B1 DEMOLITION AT (E) PATH OF TRAVEL BETWEEN BLDGS. 200 AND 300

1/8"-1'-0"

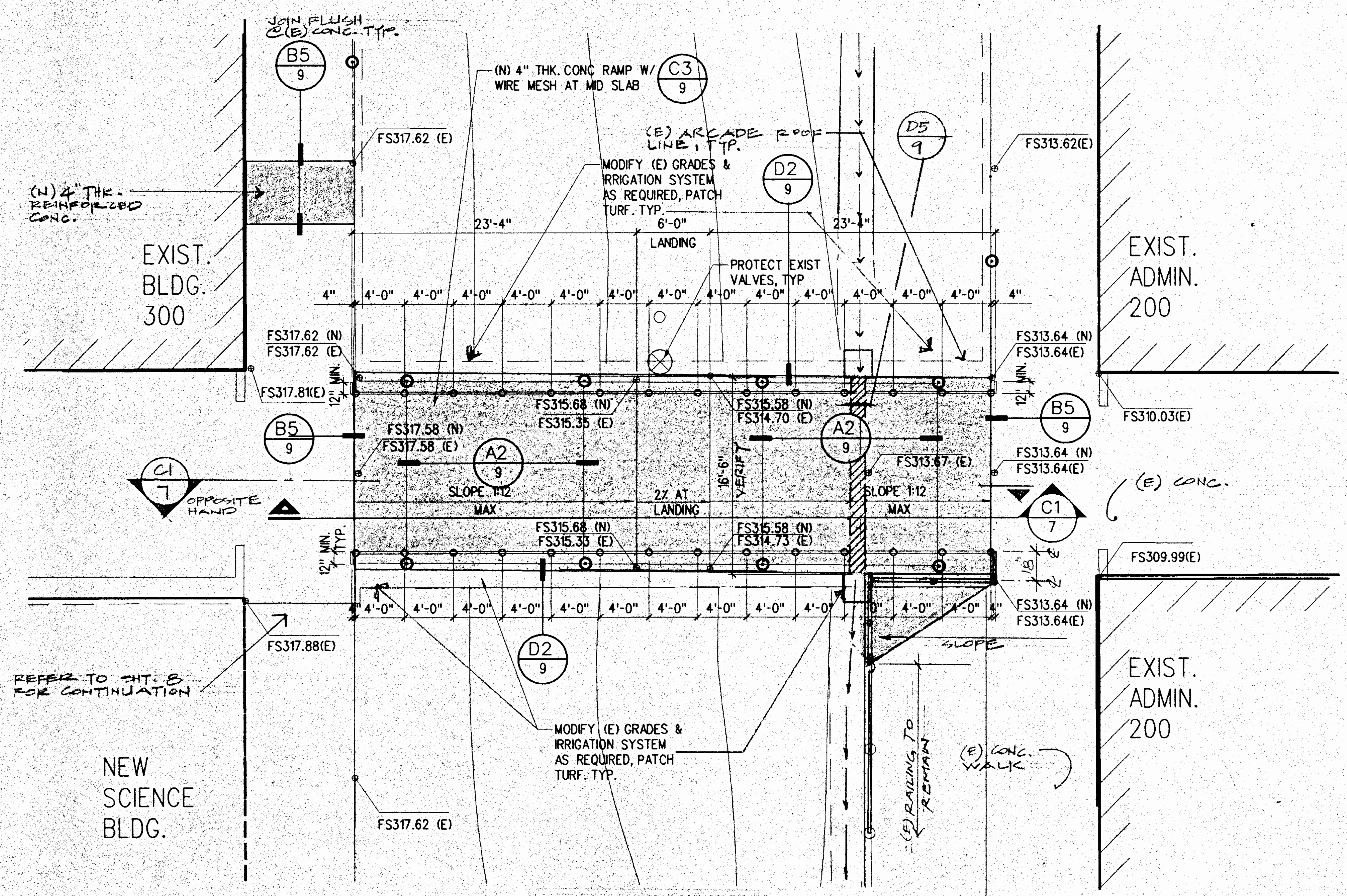
.dgn



B4 DEMOLITION AT (E) PATH OF TRAVEL BETWEEN ADMIN. & BLDG. 200

1/8"-1'-0"

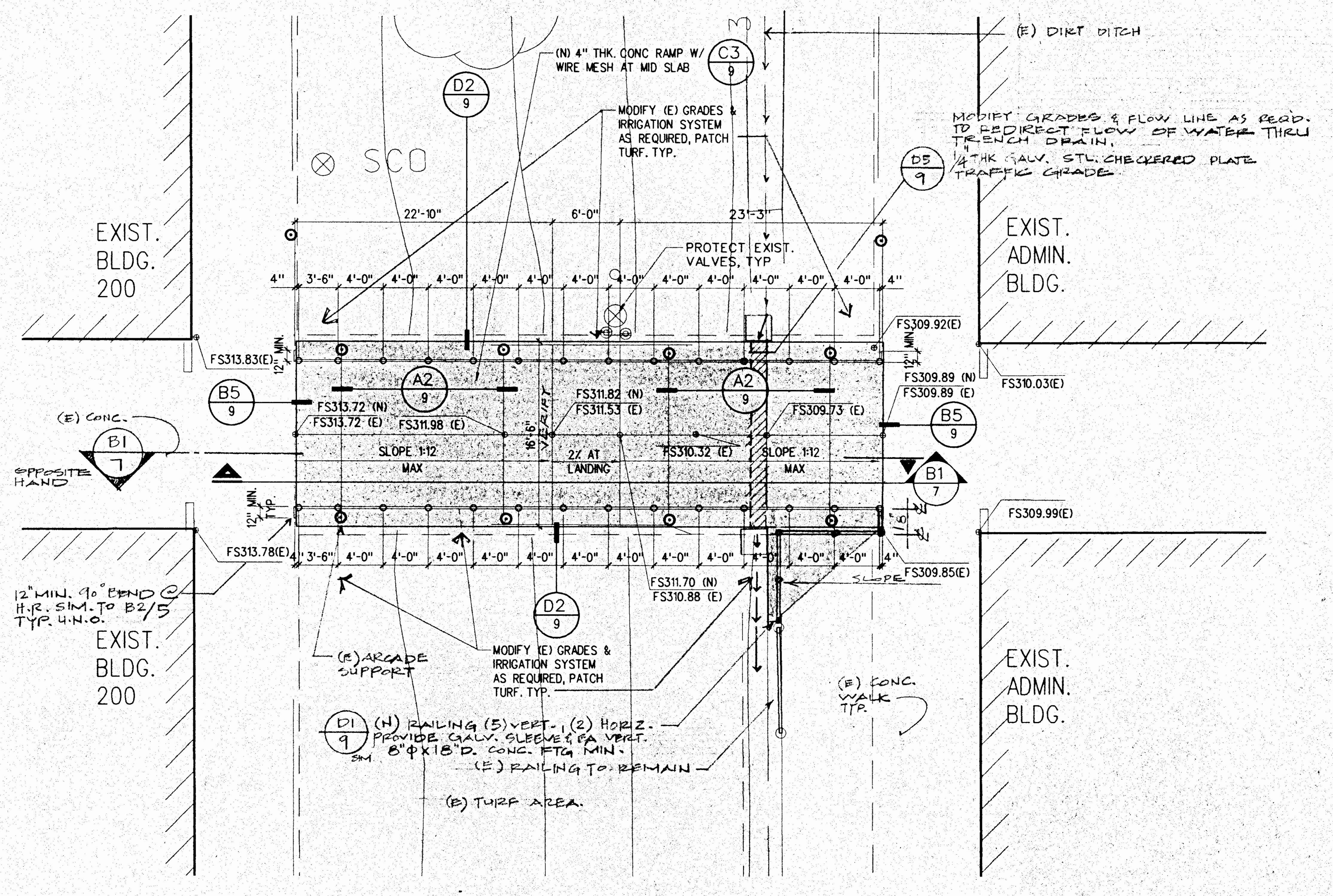
.dgn



D1 (N) RAMP #3 BETWEEN BLDGS. 200 AND 300

1/8"-1'-0"

.dgn



D4 (N) RAMP #2 BETWEEN ADMIN. AND BLDG. 200

1/8"-1'-0"

.dgn

o:\grosmont\9822-1\6.sht Dec. 09, 1999 11:50:50

HDCP ACCESS BETWEEN ADMIN AND BLDGS. 200 & 300

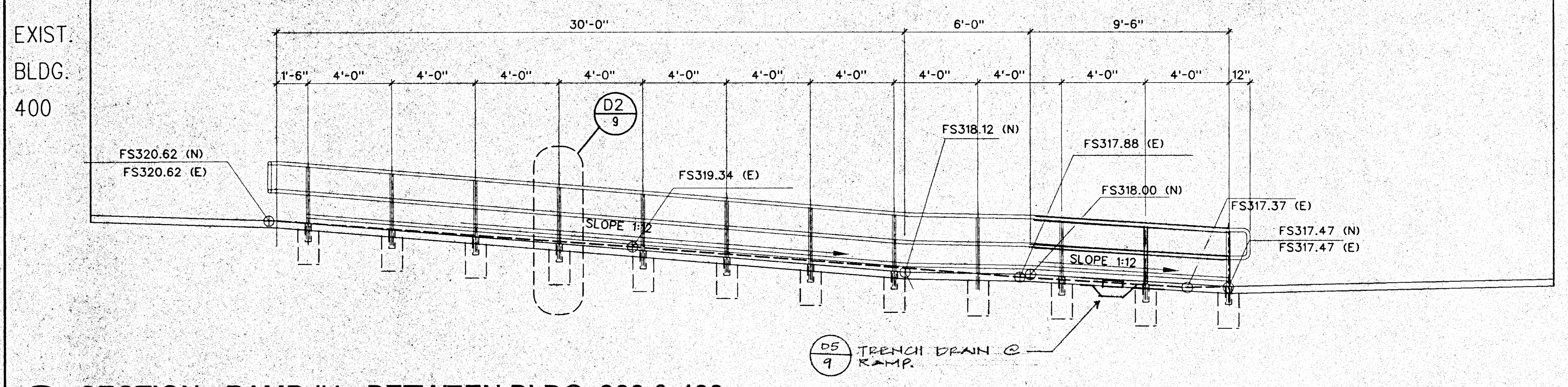
CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES CA 90039 323 665 1265

LICENSED ARCHITECT
TAMARA SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC *JA* FLS ___ SS ___
DATE DEC 14 1999

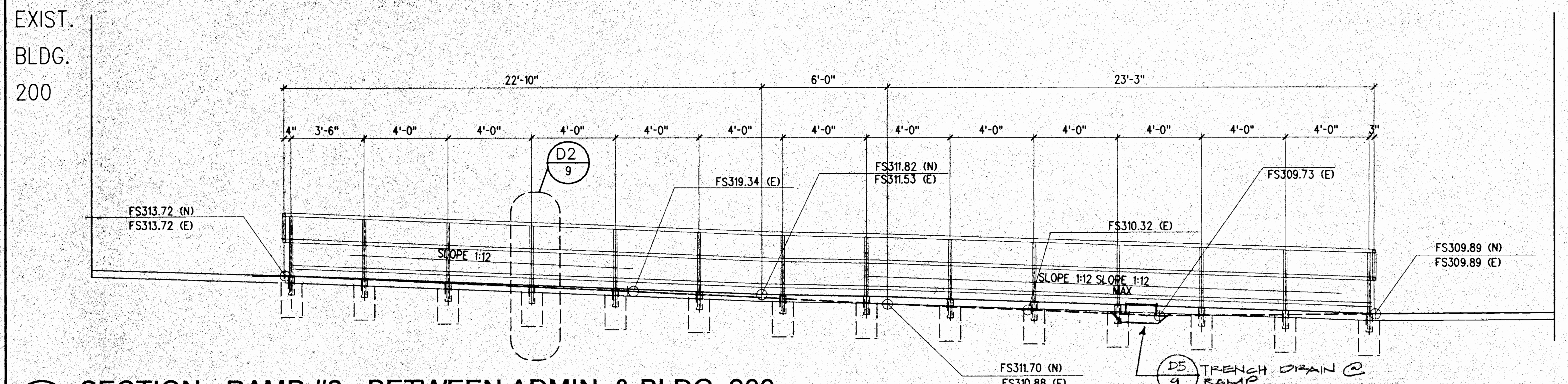
NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	6
BINDING ORDER	7 OF 82



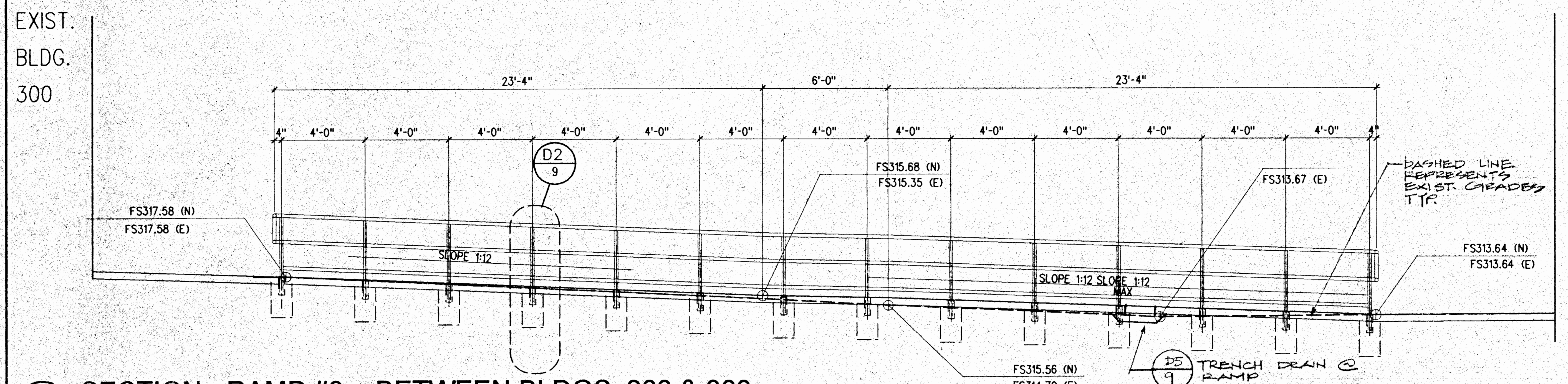
A1 SECTION - RAMP #4 - BETWEEN BLDG. 300 & 400

1/4"=1'-0"



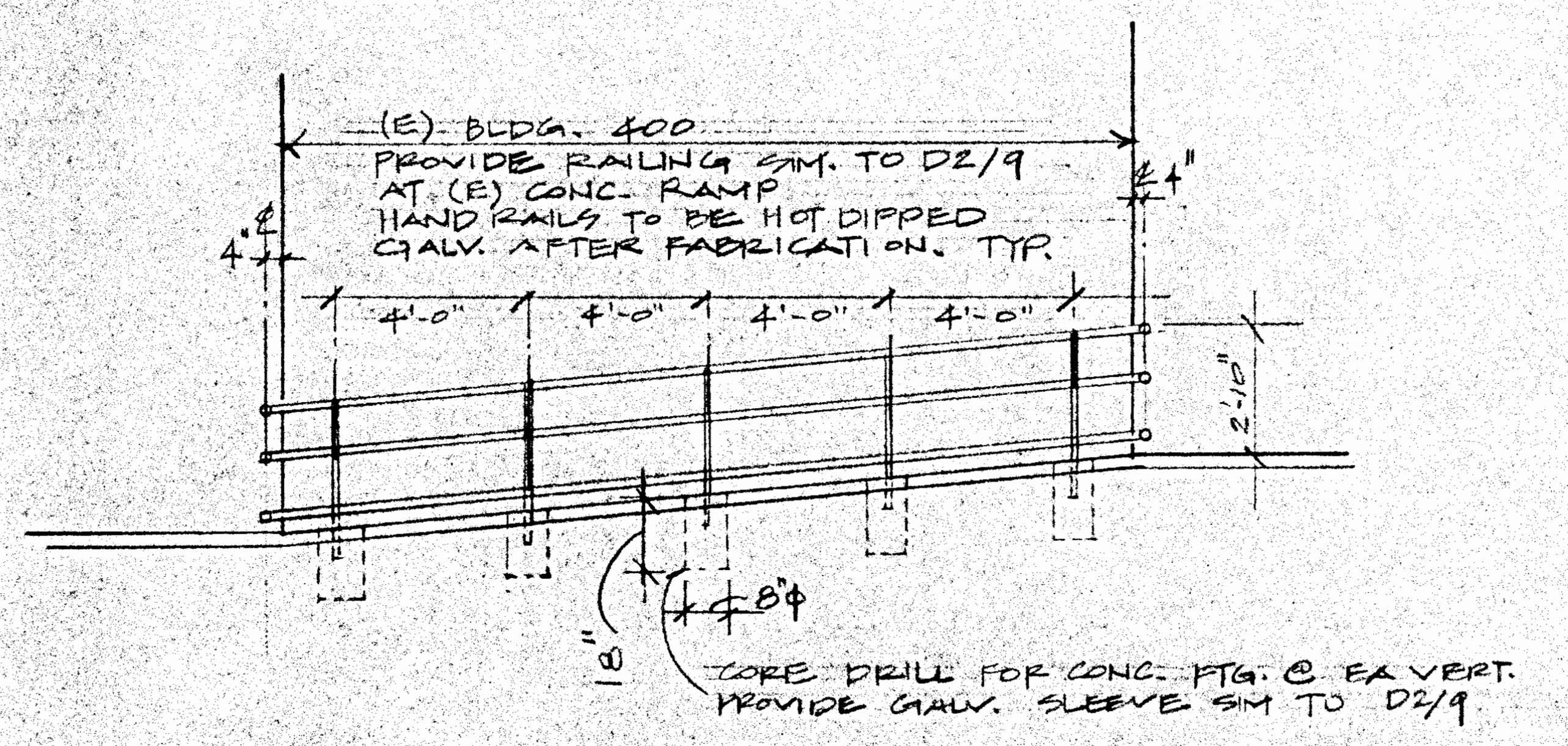
B1 SECTION - RAMP #2 - BETWEEN ADMIN. & BLDG. 200

1/4"=1'-0"

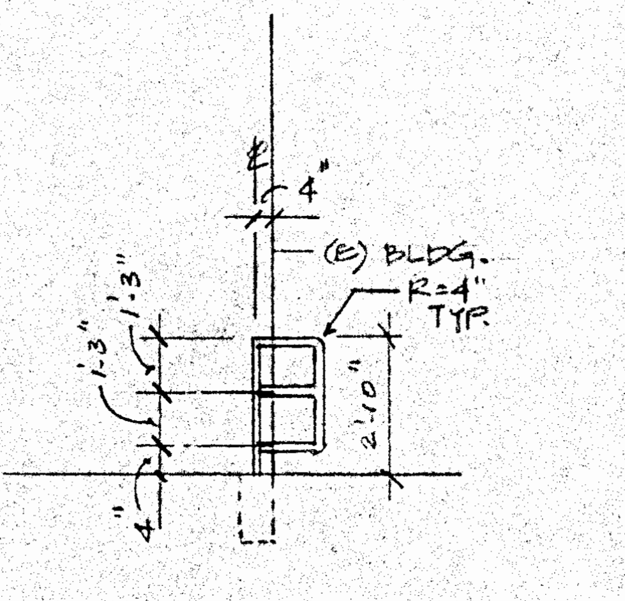


C1 SECTION - RAMP #3 - BETWEEN BLDGS. 200 & 300

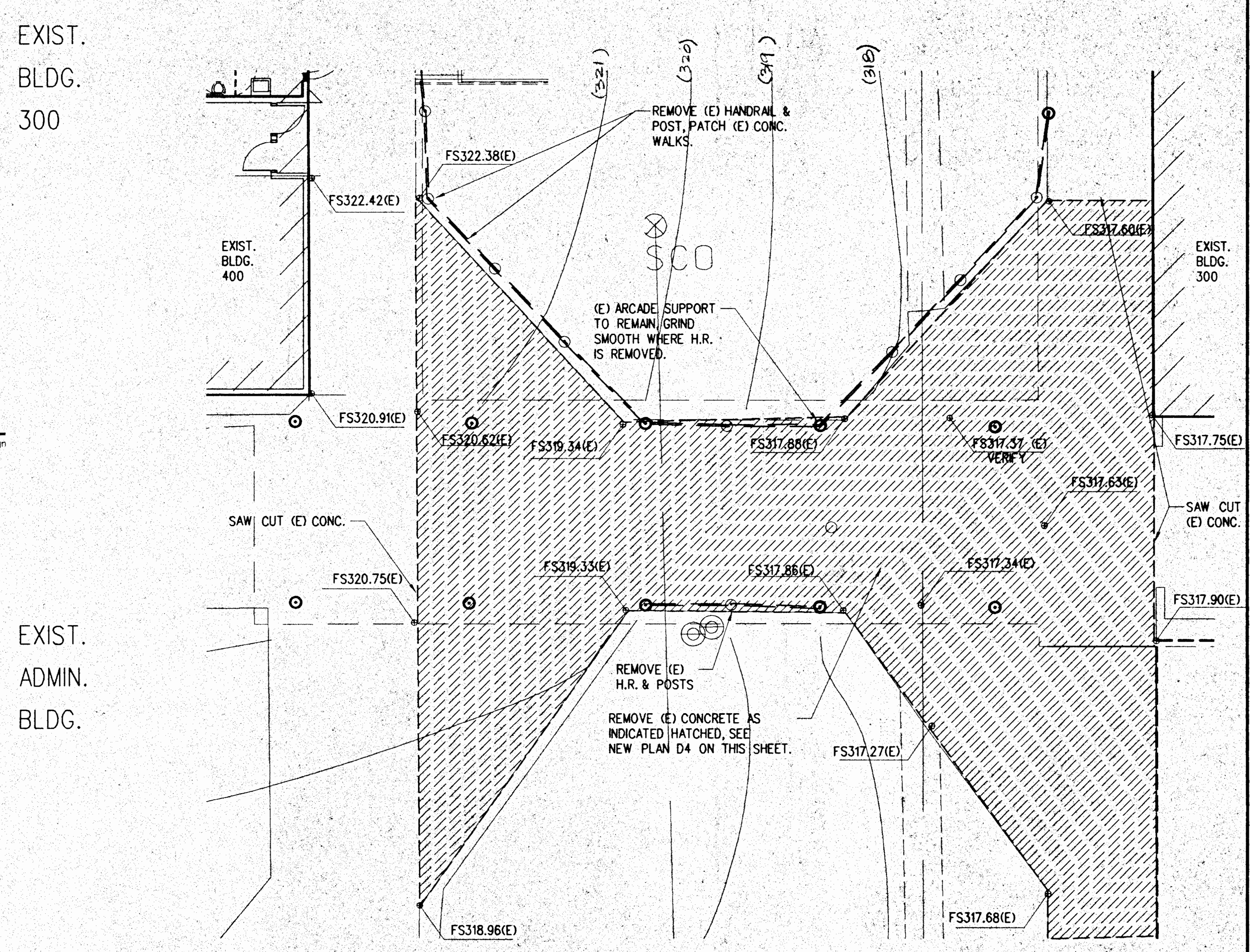
1/4"=1'-0"


(E) BLDG. 400
PROVIDE RAILING SIM. TO D2/9 AT (E) CONC. RAMP
HAND RAILS TO BE HOT DIPPED GALV. AFTER FABRICATION. TYP.
4'-0"
2'-10"
18"
8Ø
CORE DRILL FOR CONC. FTG. @ EA VERT. PROVIDE GALV. SLEEVE SIM TO D2/9

D1 SECTION @ BLDG. 400 - (N) RAILING

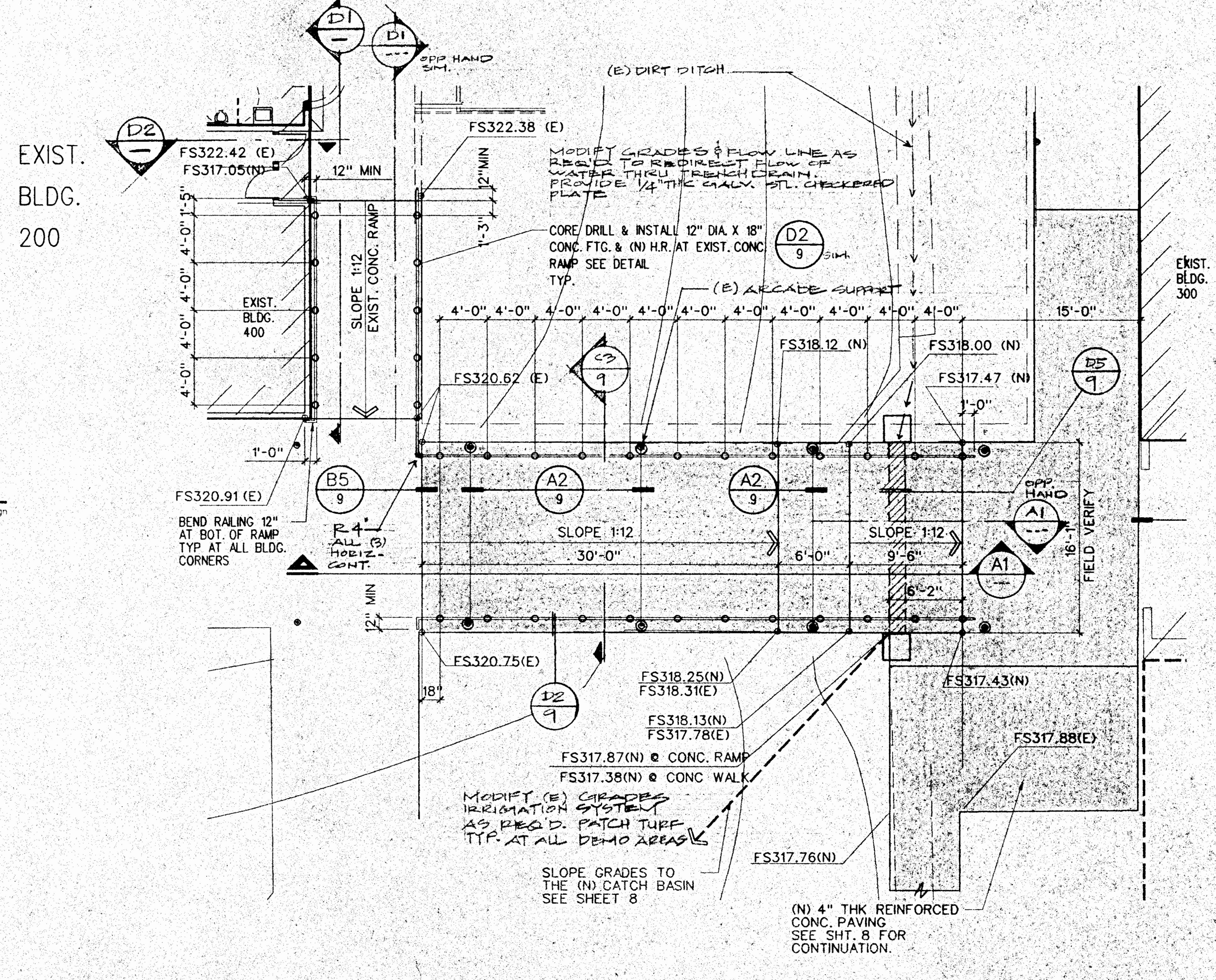


D2 ELEV. @ BLDG. CORNER



B4 DEMOLITION AT (E) PATH OE TRAVEL BETWEEN BLDGS. 300 & 400

1/8"=1'-0"


EXIST.
BLDG.
200
D1
D1
OPP HAND SIM.
D2
9
(E) DIRT DITCH
FS322.42 (E)
FS317.05(N)
FS322.38 (E)
12" MIN
MODIFY GRADES & FLOW LINE AS REQ'D TO REDIRECT FLOW OF WATER THRU TRENCH DRAIN. PROVIDE 1/4" THK GALV. STL. CHECKERED PLATE
CORE DRILL & INSTALL 12" DIA X 18" CONC. FTG. & (N) H.R. AT EXIST. CONC. RAMP SEE DETAIL TYP.
(E) ARCADE SUPPORT
EXIST. BLDG. 400
SLOPE 1:12 EXIST. CONC. RAMP
EXIST. BLDG. 300
4'-0"
15'-0"
FS320.62 (E)
C3
9
FS318.12 (N)
FS318.00 (N)
FS317.47 (N)
D5
9
FS320.91 (E)
BEND RAILING 12" AT BOT. OF RAMP TYP AT ALL BLDG. CORNERS
B5
9
A2
9
SLOPE 1:12
30'-0"
6'-0"
9'-6"
A1
OPP. HAND
FIELD VERIFY
R=4" ALL (3) HORIZ. CONT.
FS320.75(E)
18"
D2
9
FS318.25(N)
FS318.31(E)
FS318.13(N)
FS317.78(E)
FS317.87(N) @ CONC. RAMP
FS317.38(N) @ CONC. WALK
FS317.43(N)
FS317.88(E)
MODIFY (E) GRADES IRRIGATION SYSTEM AS REQ'D. PATCH TURF TYP. AT ALL DEMO AREAS
SLOPE GRADES TO THE (N) CATCH BASIN SEE SHEET 8
FS317.76(N)
(N) 4" THK REINFORCED CONC. PAVING SEE SHT. 8 FOR CONTINUATION.

D4 (N) HDCP ACCESSIBLE PATH BETWEEN BLDGS. 300 AND 400

1/8"=1'-0"

HDCP ACCESS BETWEEN BLDGS. 300 AND 400

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

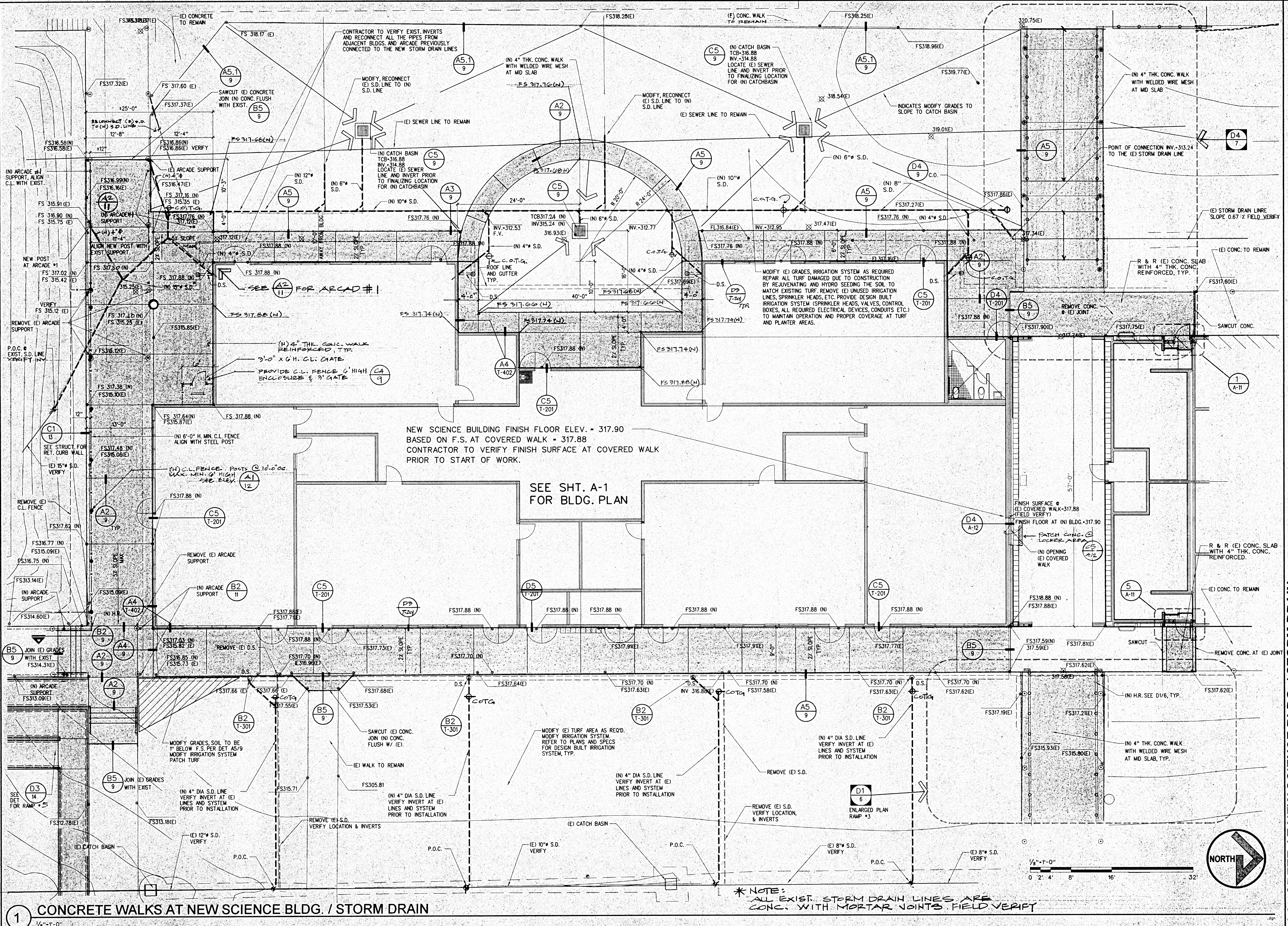
GROSSMONT UNION HIGH SCHOOL DISTRICT

CARMICHAEL-KEMP
ARCHITECTS AIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ci FLS SS
DATE DEC 14 1999

TAMARA SCHAEFFER
C 20592
EXPIRES NOV 30, 2000

JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
7
BINDING ORDER 8 of 82



* NOTE:
ALL EXIST. STORM DRAIN LINES ARE CONC. WITH MORTAR JOINTS FIELD VERIFY

① CONCRETE WALKS AT NEW SCIENCE BLDG. / STORM DRAIN
1/8"=1'-0"

CONCRETE AT NEW SCIENCE BLDG. / STORM DRAIN

CARMICHAEL-KEMP
ARCHITECTS, AIA

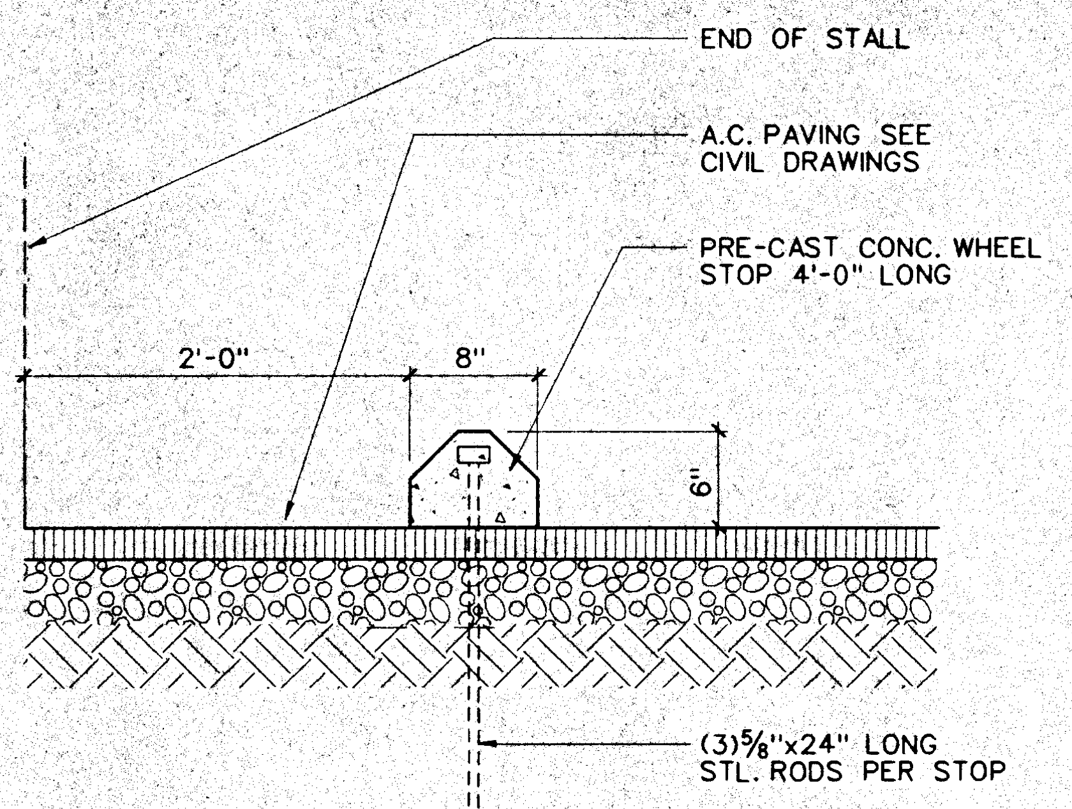
LICENSED ARCHITECT
TAMARA A. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC 4 FLS SS
DATE DEC 1 / 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

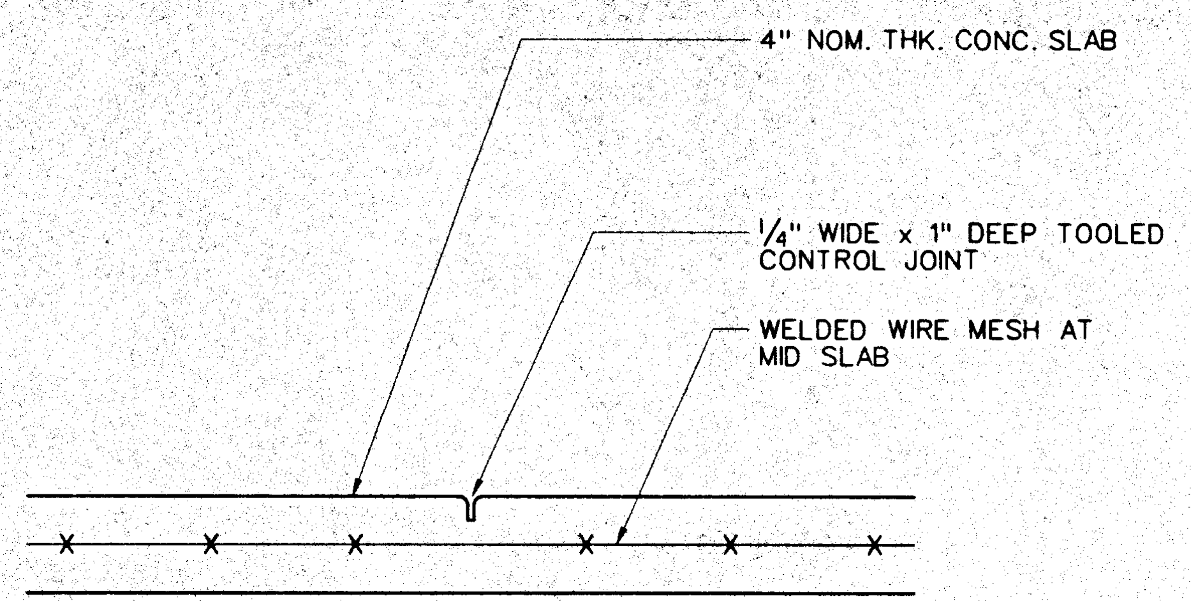
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	8
BINDING ORDER	9 OF 82


END OF STALL
A.C. PAVING SEE CIVIL DRAWINGS
PRE-CAST CONC. WHEEL STOP 4'-0" LONG
2'-0"
8"
6"
(3)5/8"x24" LONG STL. RODS PER STOP

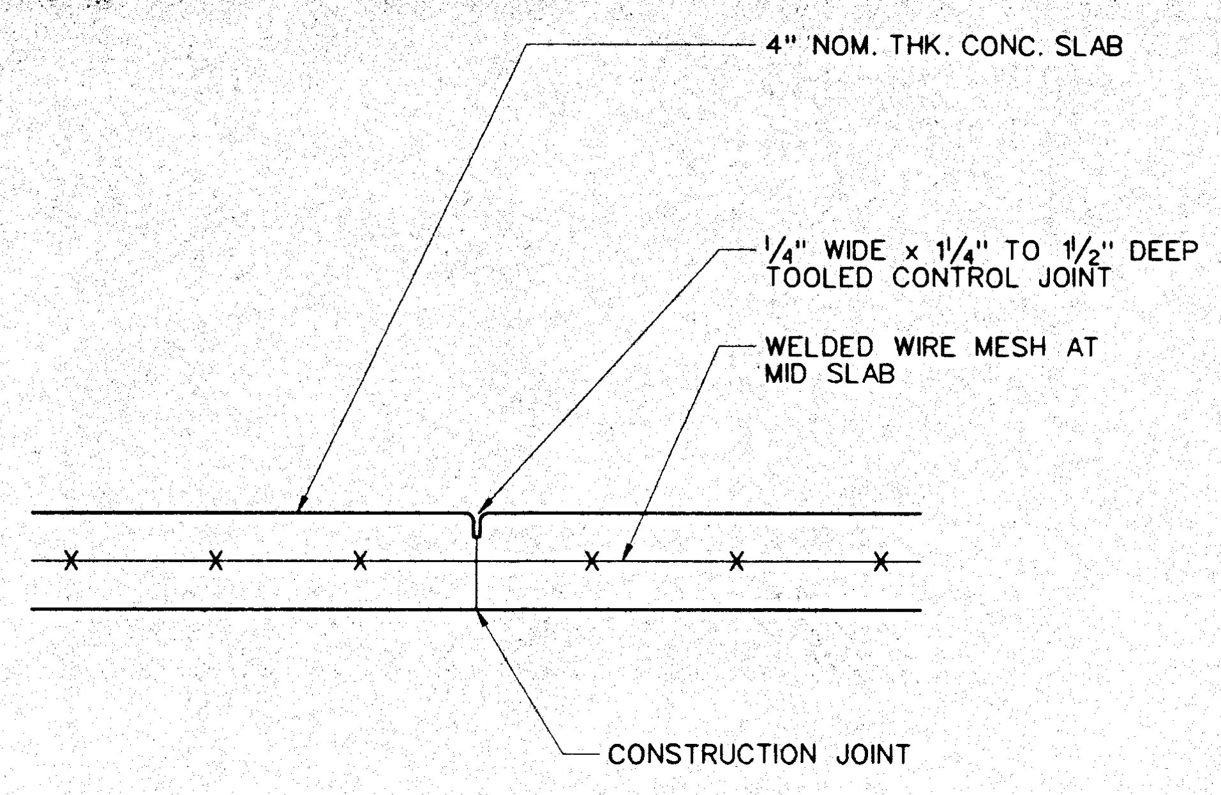
A1 CONCRETE WHEELSTOP

1'-1'-0" 033-006 .dgn


4" NOM. THK. CONC. SLAB
1/4" WIDE x 1" DEEP TOOLED CONTROL JOINT
WELDED WIRE MESH AT MID SLAB

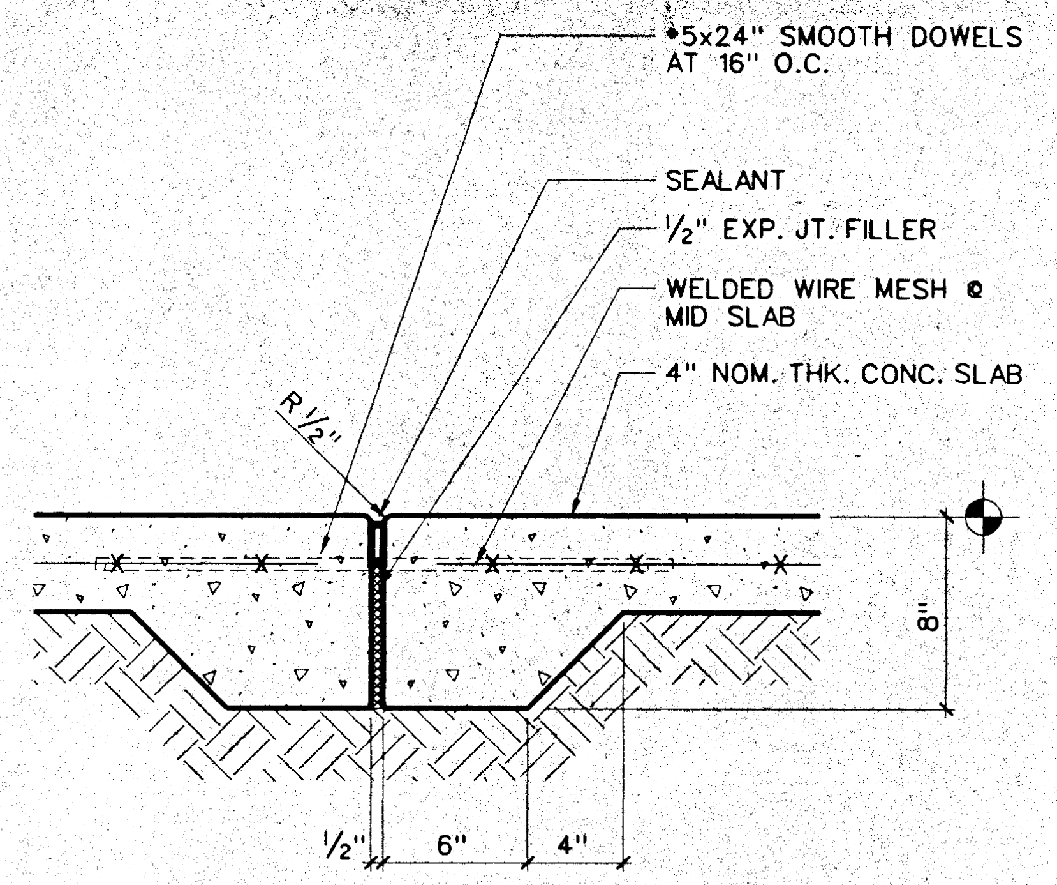
A2 CONTROL JOINT

1½"-1'-0" 033-005 .dgn


4" NOM. THK. CONC. SLAB
1/4" WIDE x 1¼" TO 1½" DEEP TOOLED CONTROL JOINT
WELDED WIRE MESH AT MID SLAB
CONSTRUCTION JOINT

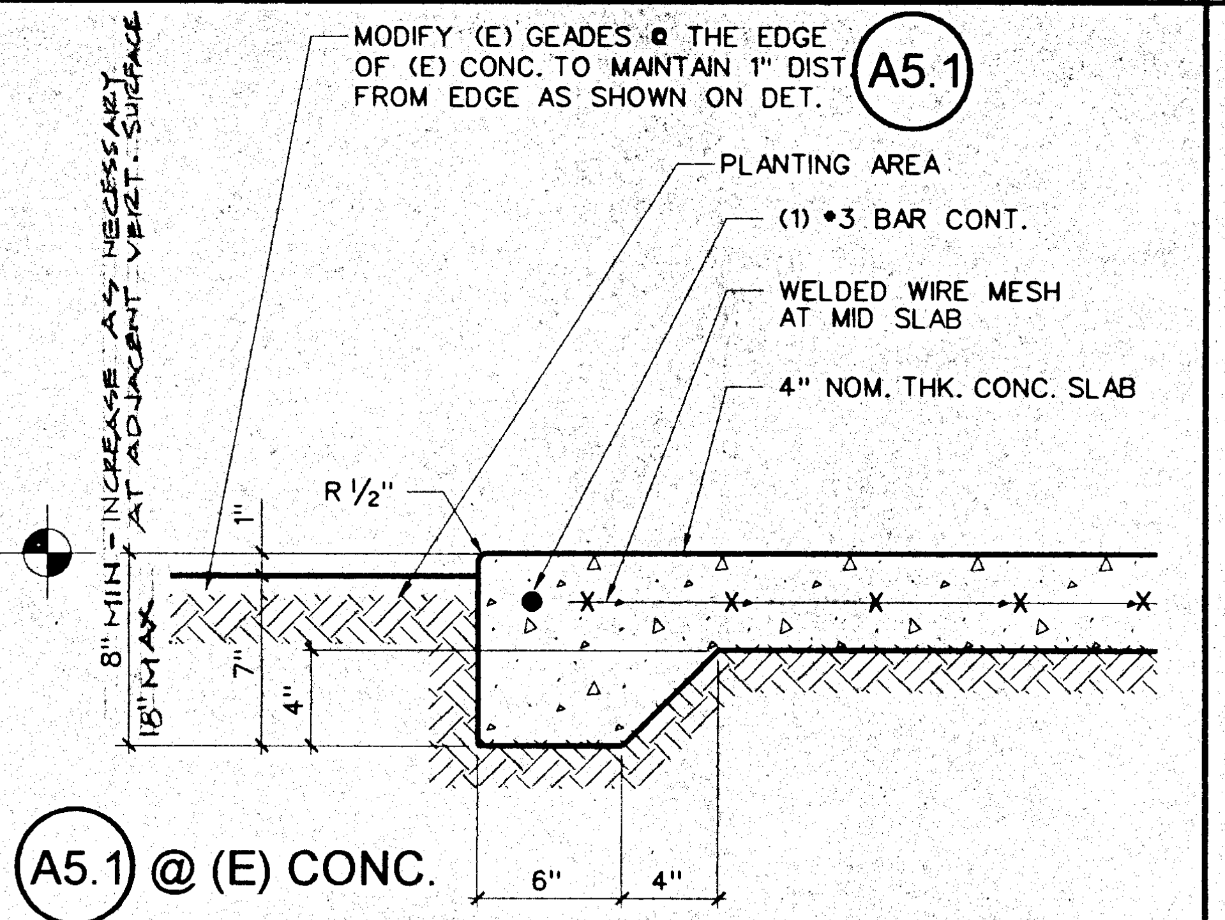
A3 COLD POUR JOINT

1½"-1'-0" 033-004B.dgn



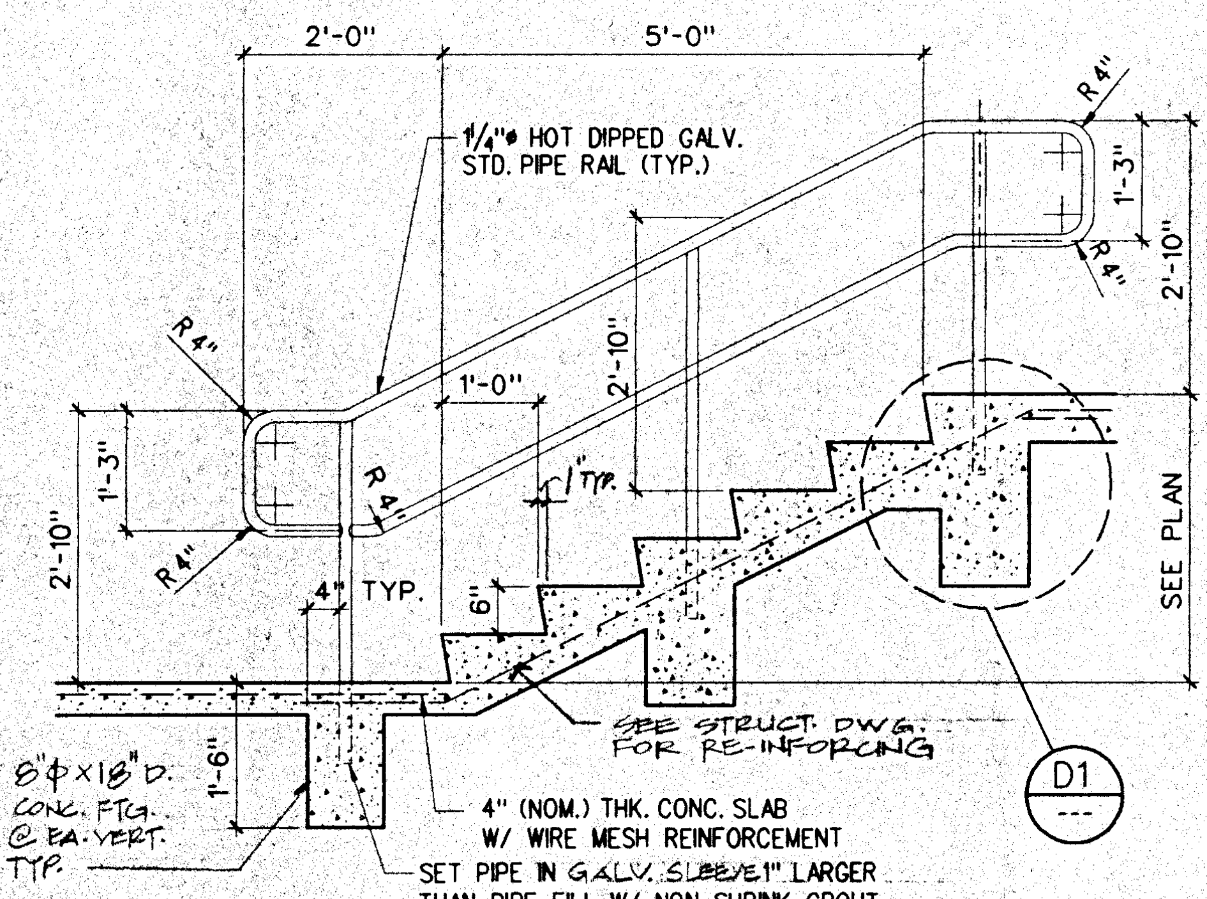
A4 CONSTRUCTION JOINT

1½"-1'-0" 033-002 .dgn


MODIFY (E) GEADES @ THE EDGE OF (E) CONC. TO MAINTAIN 1" DIST FROM EDGE AS SHOWN ON DET.
A5.1
PLANTING AREA
(1) #3 BAR CONT.
WELDED WIRE MESH AT MID SLAB
4" NOM. THK. CONC. SLAB
R 1/2"
8" MIN - INCREASE AS NECESSARY AT ADJACENT VERT. SURFACE
18" MAX
1"
7"
4"
6"
4"
A5.1 @ (E) CONC.

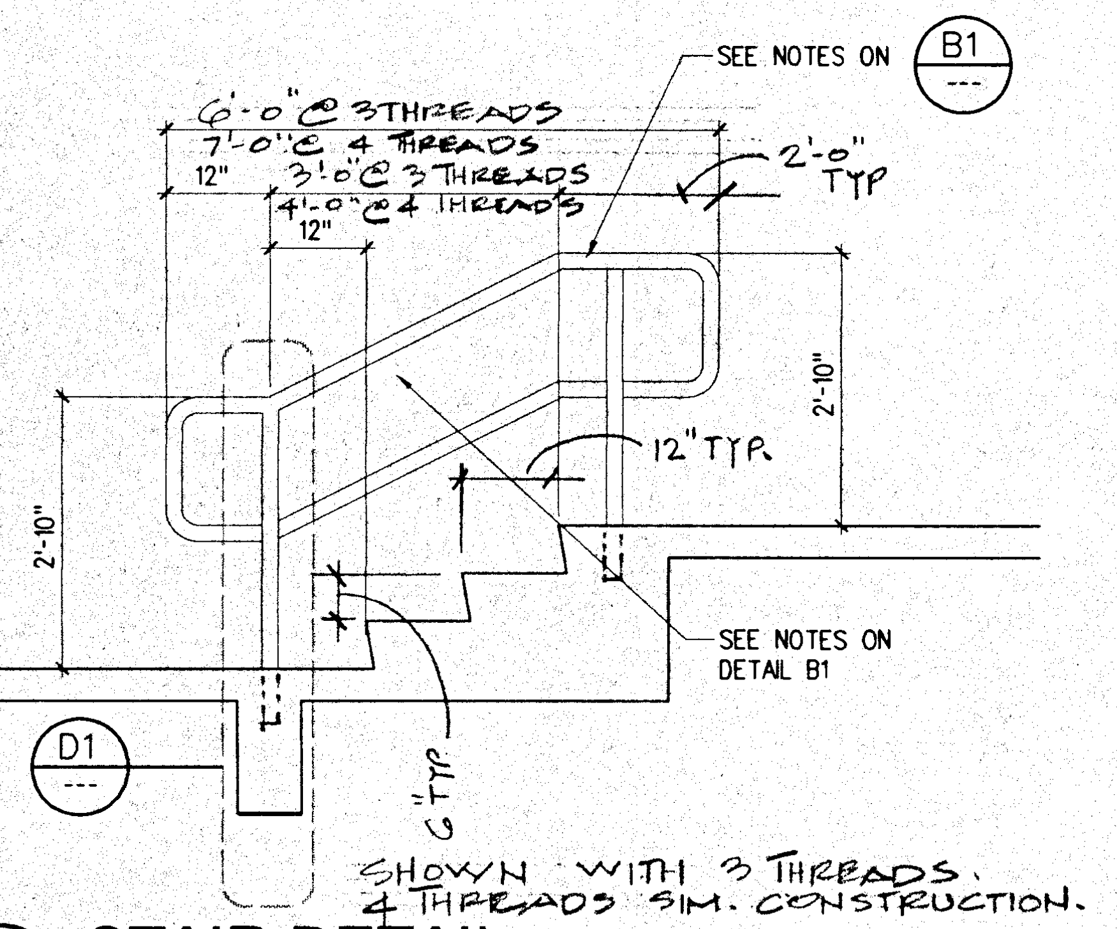
A5 CONCRETE EDGE

1½"-1'-0" 033-001 .dgn


2'-0"
5'-0"
R4"
1¼"ø HOT DIPPED GALV. STD. PIPE RAIL (TYP.)
1'-3"
2'-10"
1'-0"
2'-10"
1" TYP.
4" TYP.
6"
SEE PLAN
SEE STRUCT. DWG. FOR RE-INFORCING
8"ø x 18" D. CONC. FTG. @ EA. VERT. TYP.
1'-6"
4" (NOM.) THK. CONC. SLAB W/ WIRE MESH REINFORCEMENT
SET PIPE IN GALV. SLEEVE 1" LARGER THAN PIPE FILL W/ NON SHRINK GROUT
D1

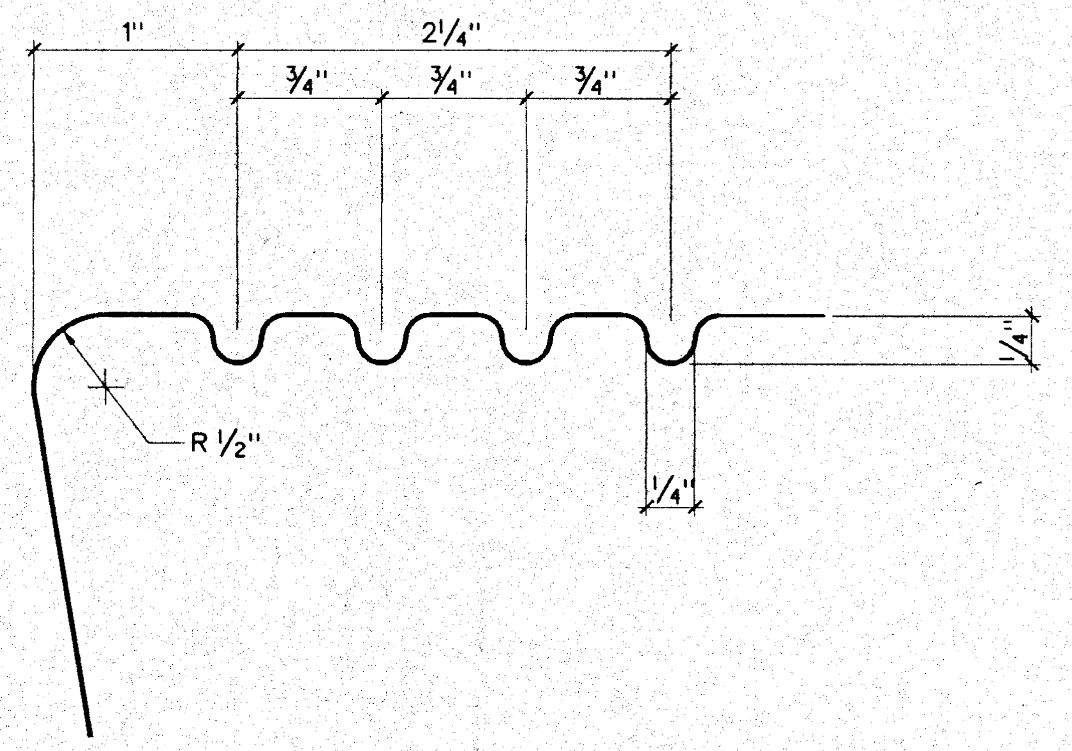
B1 CONC. STAIR ON GRADE

½"-1'-0" 033-013 .dgn



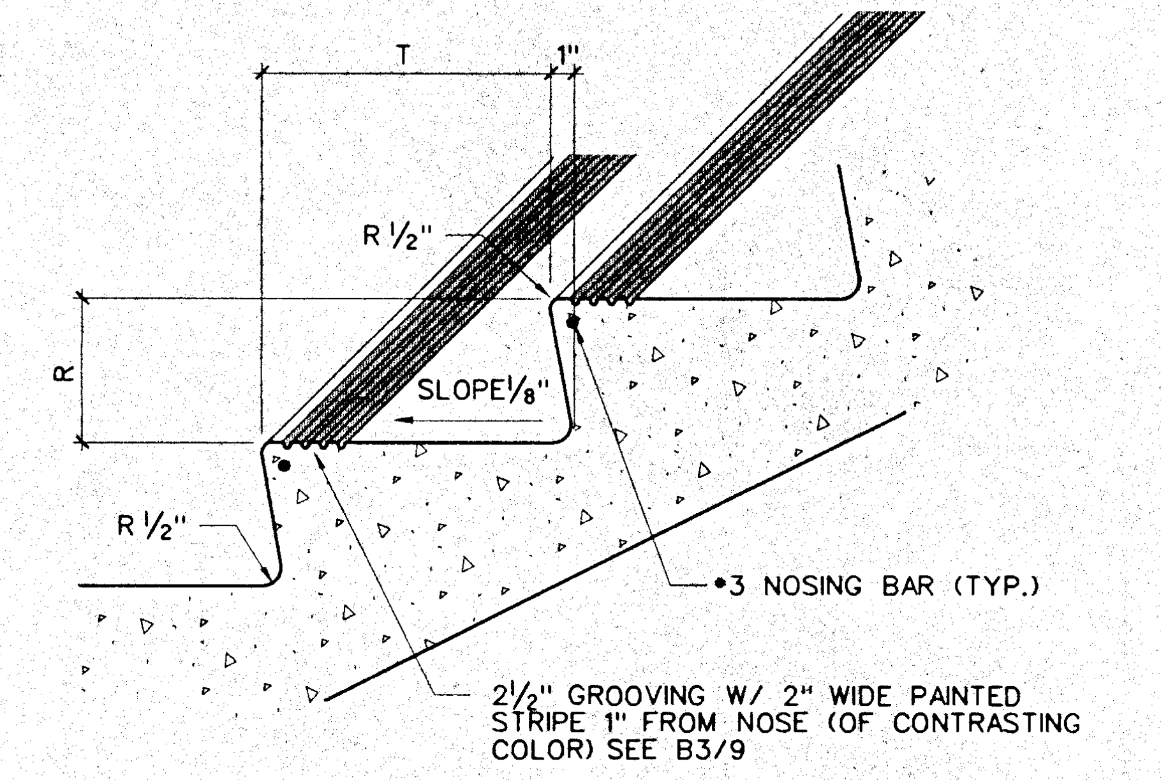
B2 STAIR DETAIL

½"-1'-0" stair01 .dgn



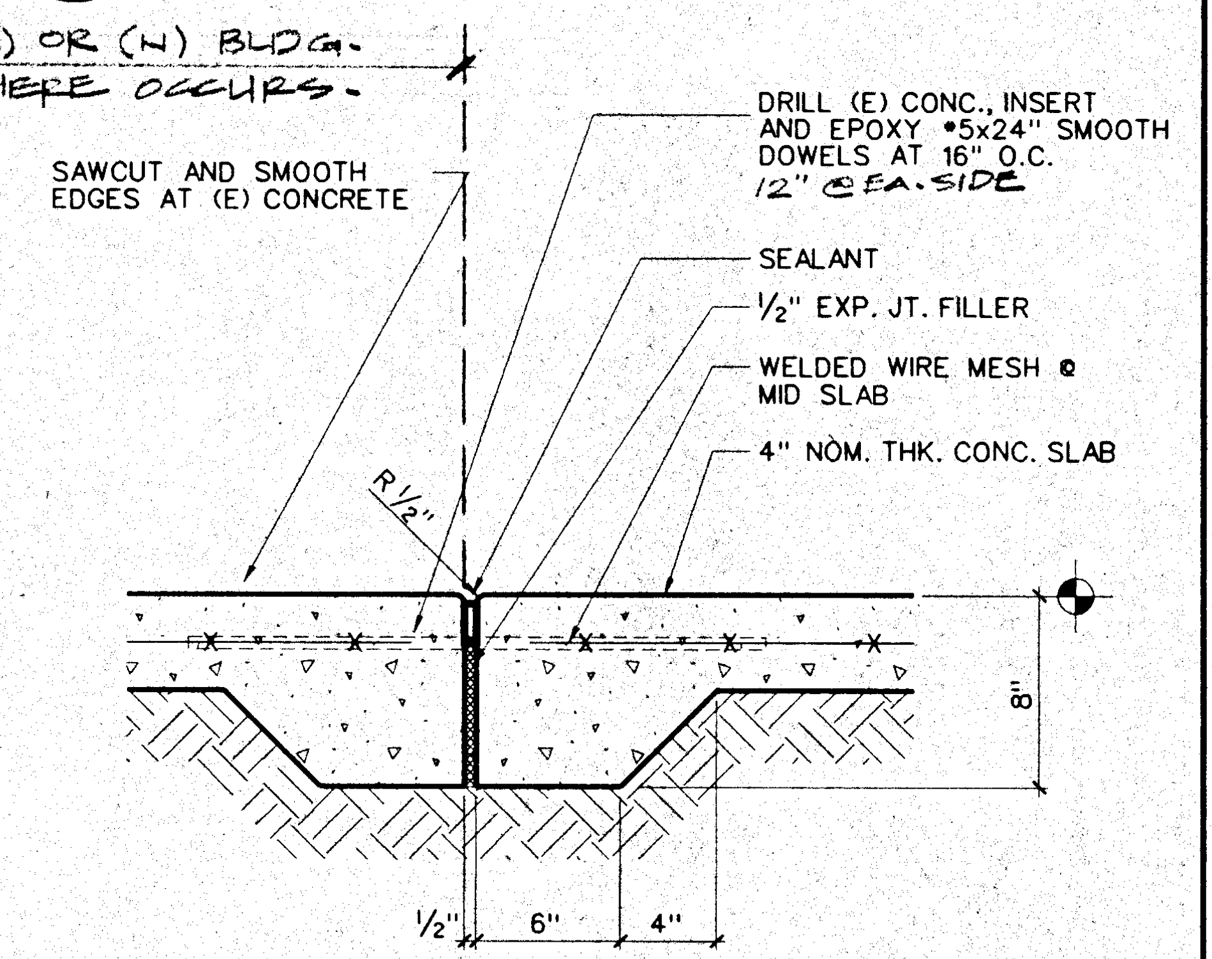
B3 EXT. STAIR NOSE GROOVING

FULL SIZE 033-015 .dgn


T
1"
R 1/2"
R
SLOPE 1/8"
R 1/2"
#3 NOSING BAR (TYP.)
2½" GROOVING W/ 2" WIDE PAINTED STRIPE 1" FROM NOSE (OF CONTRASTING COLOR) SEE B3/9

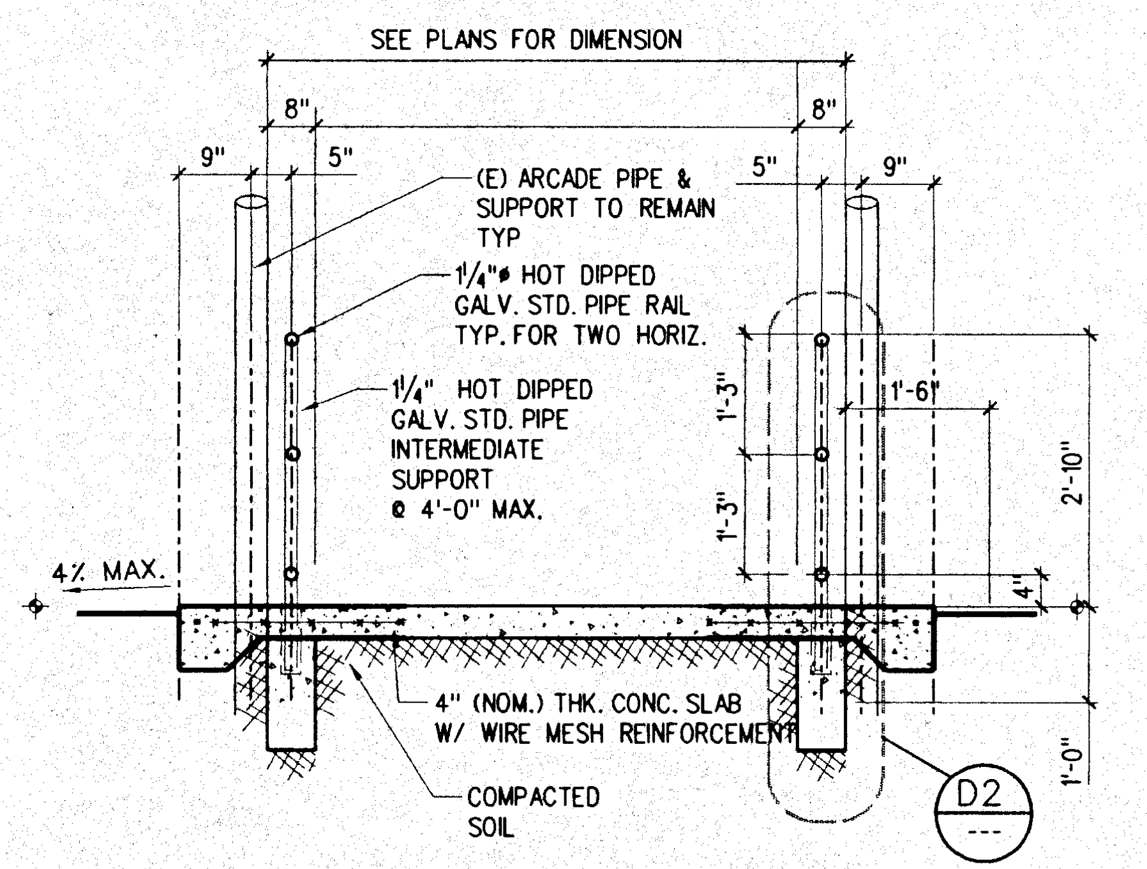
B4 CONC. STAIR TREAD & RISER

1½"-1'-0" 033-014 .dgn


(E) OR (N) BLDG. WHERE OCCURS.
SAWCUT AND SMOOTH EDGES AT (E) CONCRETE
DRILL (E) CONC., INSERT AND EPOXY #5x24" SMOOTH DOWELS AT 16" O.C. 12" @ EA. SIDE
SEALANT
1/2" EXP. JT. FILLER
WELDED WIRE MESH @ MID SLAB
4" NOM. THK. CONC. SLAB
R 1/2"
8"
1/2"
6"
4"

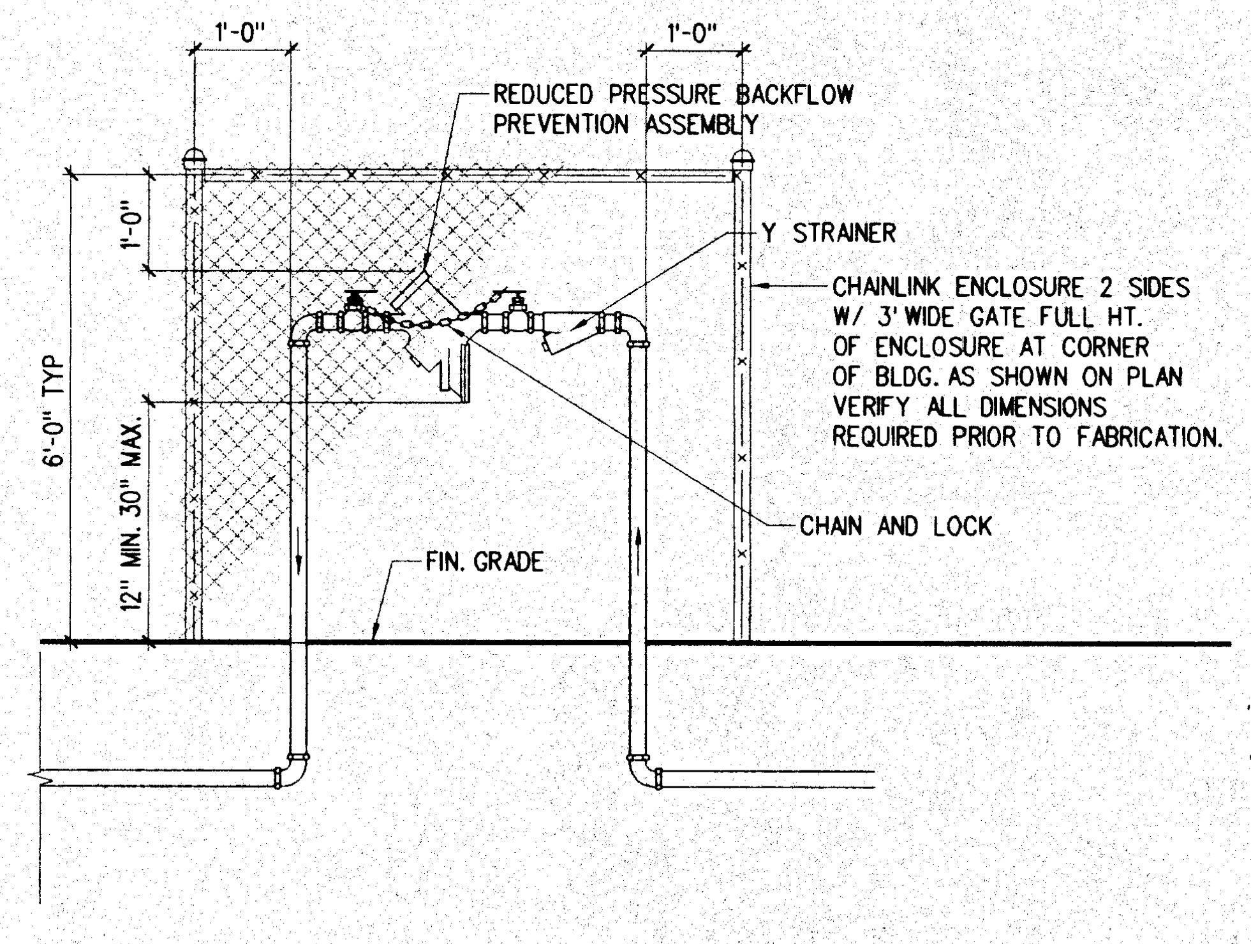
B5 (N) CONC. TO (E) CONC.

1½"-1'-0" (N) CONC. @ BLDG. SIM. 033-002E .dgn


SEE PLANS FOR DIMENSION
8"
8"
9"
5"
5"
9"
(E) ARCADE PIPE & SUPPORT TO REMAIN TYP
1¼"ø HOT DIPPED GALV. STD. PIPE RAIL TYP. FOR TWO HORIZ.
1¼" HOT DIPPED GALV. STD. PIPE INTERMEDIATE SUPPORT @ 4'-0" MAX.
1'-3"
1'-3"
1'-6"
2'-10"
4"
1'-0"
4% MAX.
4" (NOM.) THK. CONC. SLAB W/ WIRE MESH REINFORCEMENT
COMPACTED SOIL
D2 ---

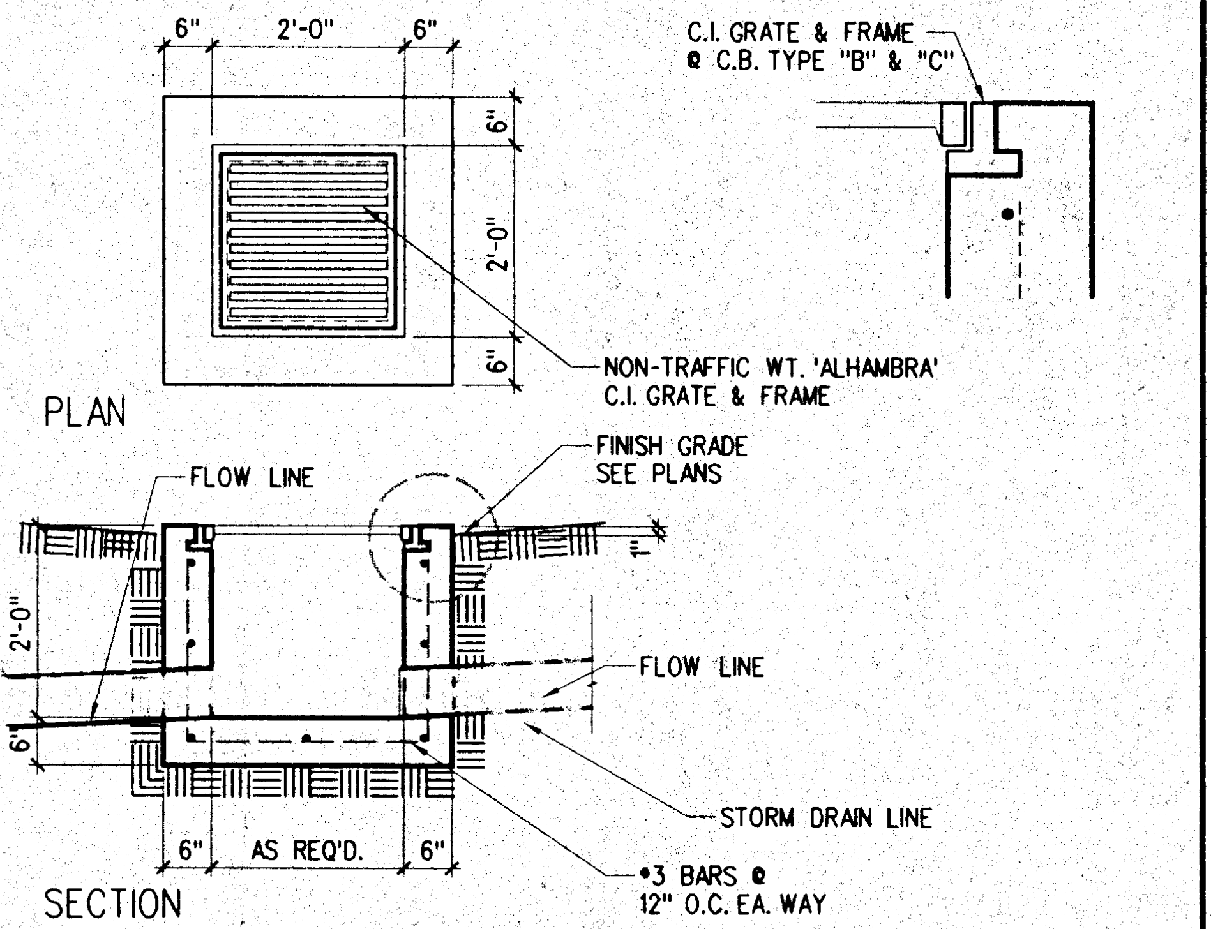
C3 CROSS SECTION @ RAMP

½"-1'-0" (STAIR SIMILAR) CLARK36 .dgn


1'-0"
1'-0"
REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY
Y STRAINER
CHAINLINK ENCLOSURE 2 SIDES W/ 3' WIDE GATE FULL HT. OF ENCLOSURE AT CORNER OF BLDG. AS SHOWN ON PLAN VERIFY ALL DIMENSIONS REQUIRED PRIOR TO FABRICATION.
CHAIN AND LOCK
FIN. GRADE
1'-0"
6'-0" TYP
12" MIN. 30" MAX.

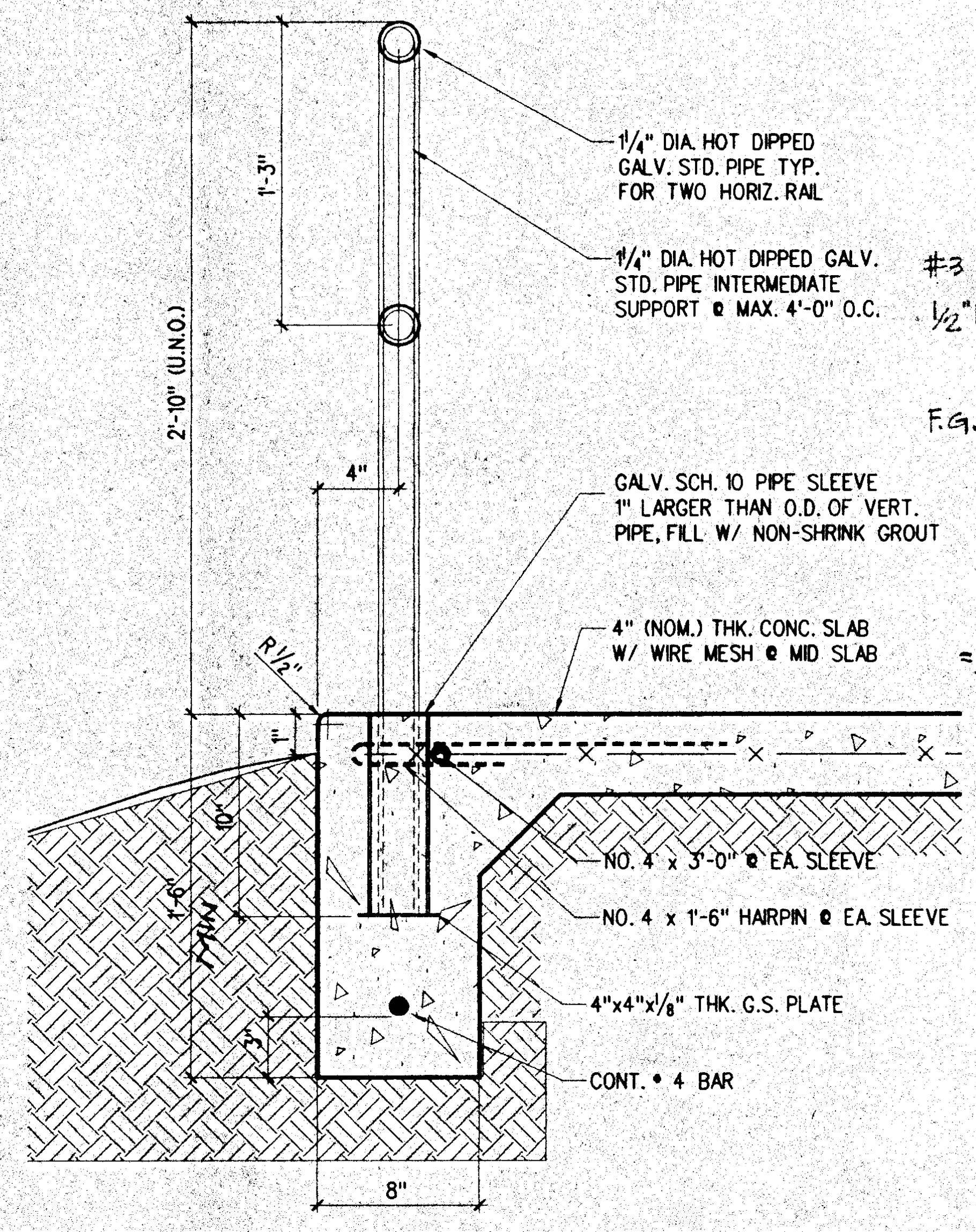
C4 DOMESTIC BACKFLOW ASSEMBLY

½"-1'-0" BWDET246.dgn


6"
2'-0"
6"
6"
2'-0"
6"
C.I. GRATE & FRAME @ C.B. TYPE "B" & "C"
NON-TRAFFIC WT. 'ALHAMBRA' C.I. GRATE & FRAME
PLAN
FLOW LINE
FINISH GRADE SEE PLANS
1"
2'-0"
6"
FLOW LINE
STORM DRAIN LINE
6"
AS REQ'D.
6"
#3 BARS @ 12" O.C. EA. WAY
SECTION

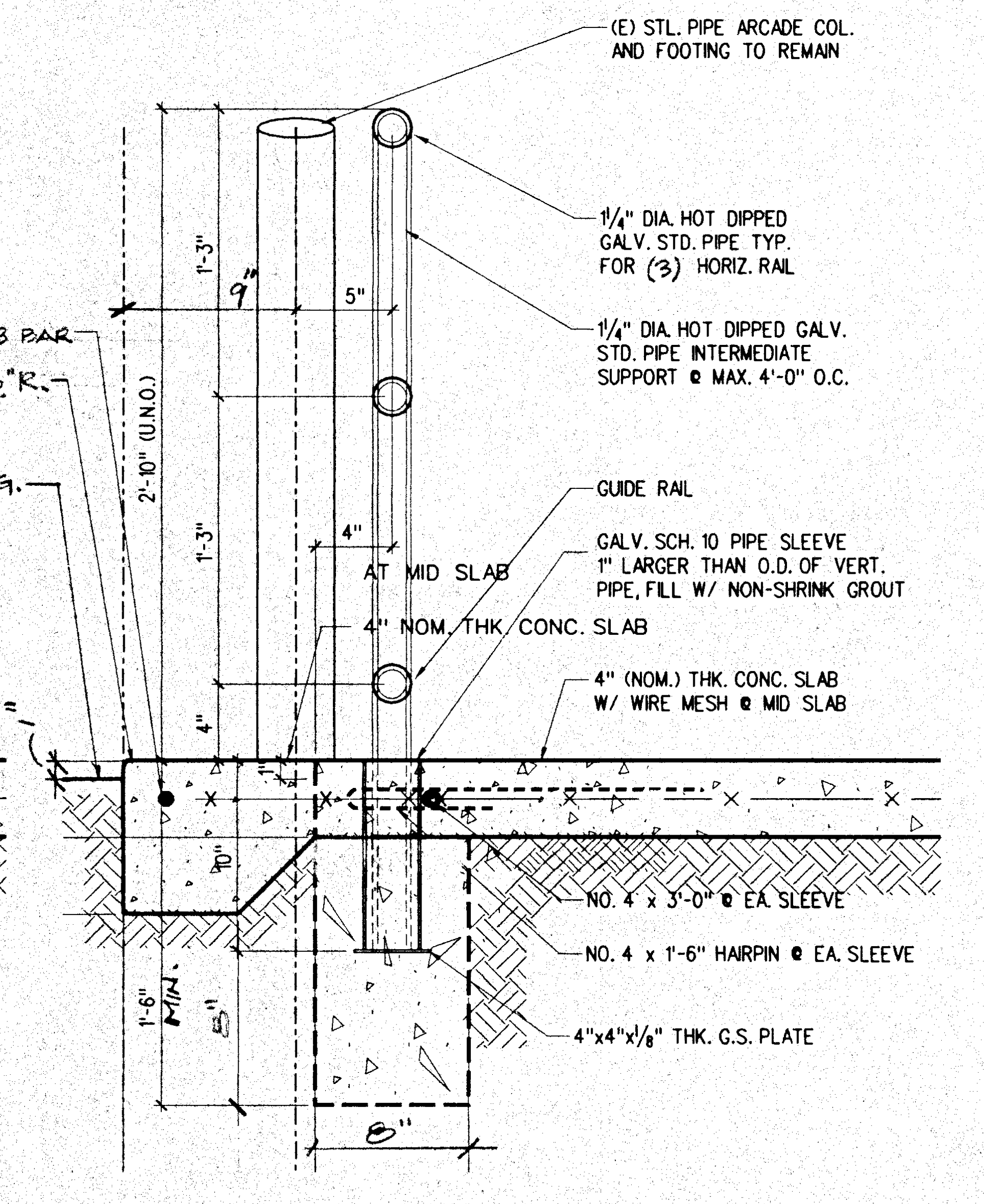
C5 CATCH BASIN

NO SCALE 9108D286.dgn


1¼" DIA. HOT DIPPED GALV. STD. PIPE TYP. FOR TWO HORIZ. RAIL
1¼" DIA. HOT DIPPED GALV. STD. PIPE INTERMEDIATE SUPPORT @ MAX. 4'-0" O.C.
1'-3"
2'-10" (U.N.O.)
4"
GALV. SCH. 10 PIPE SLEEVE 1" LARGER THAN O.D. OF VERT. PIPE, FILL W/ NON-SHRINK GROUT
R 1/2"
4" (NOM.) THK. CONC. SLAB W/ WIRE MESH @ MID SLAB
1"
10"
1'-6" MIN
3"
NO. 4 x 3'-0" @ EA. SLEEVE
NO. 4 x 1'-6" HAIRPIN @ EA. SLEEVE
4"x4"x1/8" THK. G.S. PLATE
CONT. # 4 BAR
8"

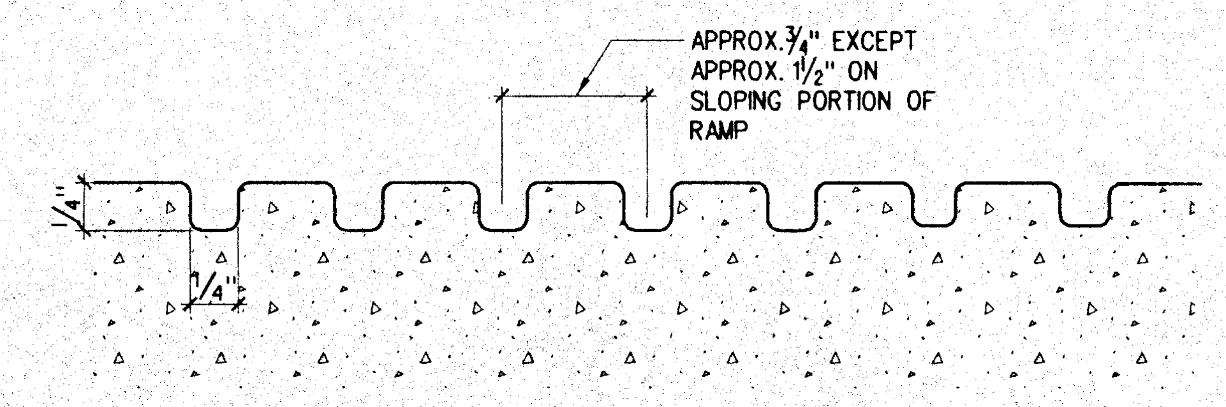
D1 HANDRAIL AT STAIR

1½" = 1'-0" .dgn


(E) STL. PIPE ARCADE COL. AND FOOTING TO REMAIN
1¼" DIA. HOT DIPPED GALV. STD. PIPE TYP. FOR (3) HORIZ. RAIL
1¼" DIA. HOT DIPPED GALV. STD. PIPE INTERMEDIATE SUPPORT @ MAX. 4'-0" O.C.
#3 BAR
1/2" R.
F.G.
1'-3"
9"
5"
2'-10" (U.N.O.)
1'-3"
4"
GUIDE RAIL
AT MID SLAB
GALV. SCH. 10 PIPE SLEEVE 1" LARGER THAN O.D. OF VERT. PIPE, FILL W/ NON-SHRINK GROUT
4" NOM. THK. CONC. SLAB
4" (NOM.) THK. CONC. SLAB W/ WIRE MESH @ MID SLAB
4"
1"
10"
NO. 4 x 3'-0" @ EA. SLEEVE
NO. 4 x 1'-6" HAIRPIN @ EA. SLEEVE
1'-6" MIN.
5"
4"x4"x1/8" THK. G.S. PLATE
8"

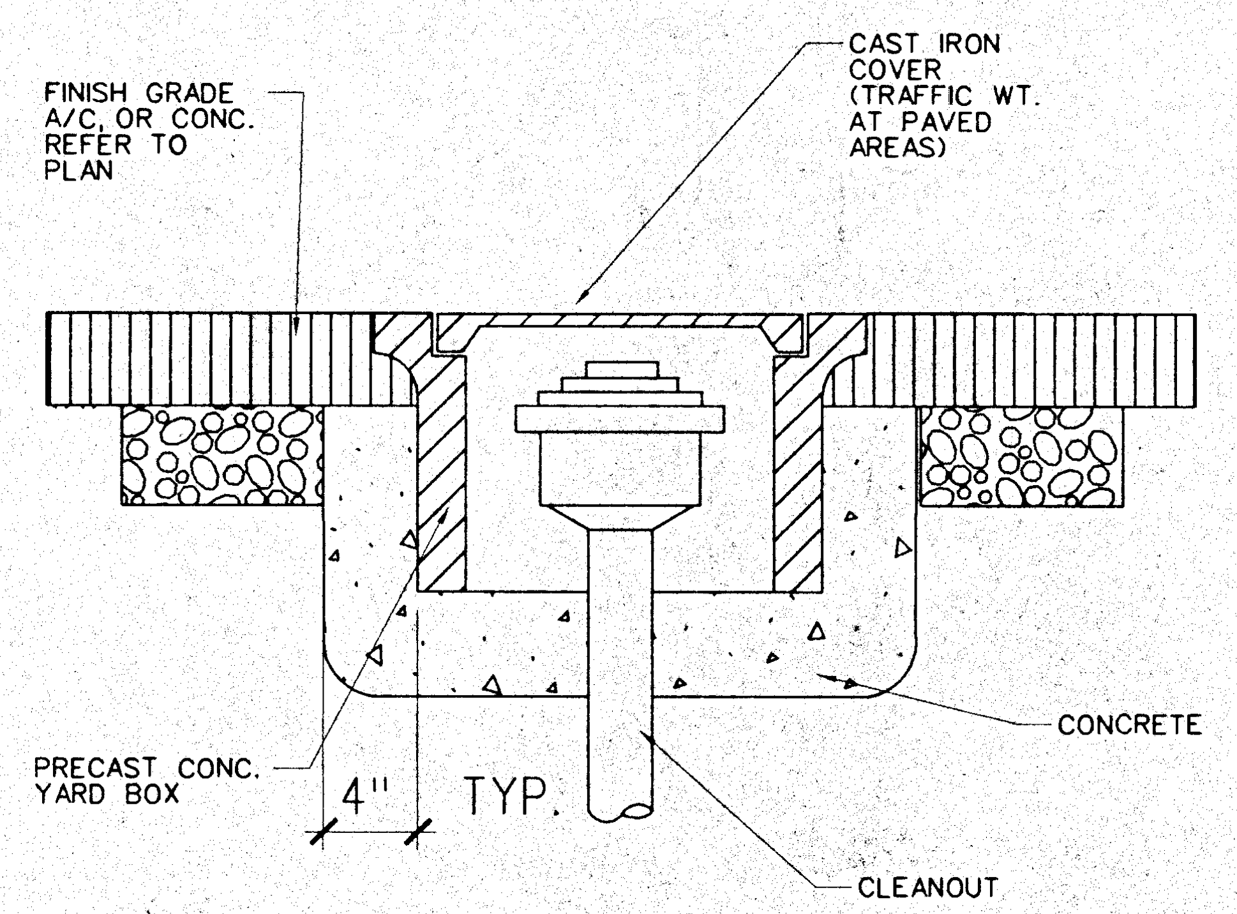
D2 HANDRAIL AT RAMP

1½" = 1'-0" .dgn



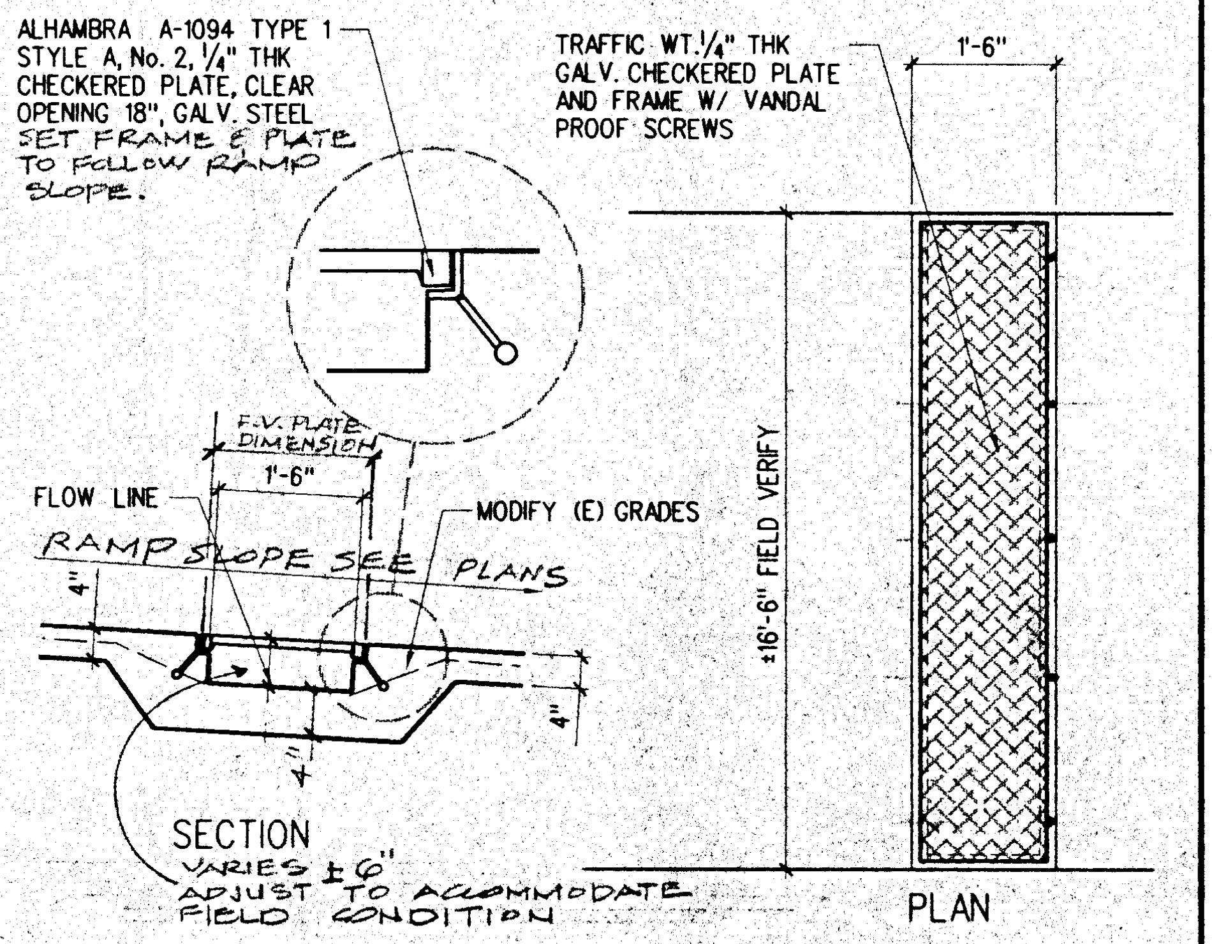
D3 GROOVING DETAIL

FULL SIZE 9108D246.dgn


FINISH GRADE A/C, OR CONC. REFER TO PLAN
CAST IRON COVER (TRAFFIC WT. AT PAVED AREAS)
PRECAST CONC. YARD BOX
4" TYP.
CONCRETE
CLEANOUT

D4 CLEANOUT

1" - 1'-0" CO .dgn


ALHAMBRA A-1094 TYPE 1 STYLE A, No. 2, 1/4" THK CHECKERED PLATE, CLEAR OPENING 18", GALV. STEEL SET FRAME & PLATE TO FOLLOW RAMP SLOPE.
TRAFFIC WT. 1/4" THK GALV. CHECKERED PLATE AND FRAME W/ VANDAL PROOF SCREWS
1'-6"
F.V. PLATE DIMENSION
1'-6"
FLOW LINE
RAMP SLOPE SEE PLANS
MODIFY (E) GRADES
4"
4"
4"
±16'-6" FIELD VERIFY
SECTION
VARIES ±6" ADJUST TO ACCOMMODATE FIELD CONDITION
PLAN

D5 TRENCH DRAIN @ (N) RAMP

NO SCALE (SIDE WALK CULVERT) .dgn

o:\urosmont\9822-1\9.sht Dec. 09, 1999 16:12:48

SITE DETAIL

CARMICHAEL-KEMP
ARCHITECTS
AIA
2370½ LOS FELIZ PLACE LOS ANGELES CA 90039 323.666.1265

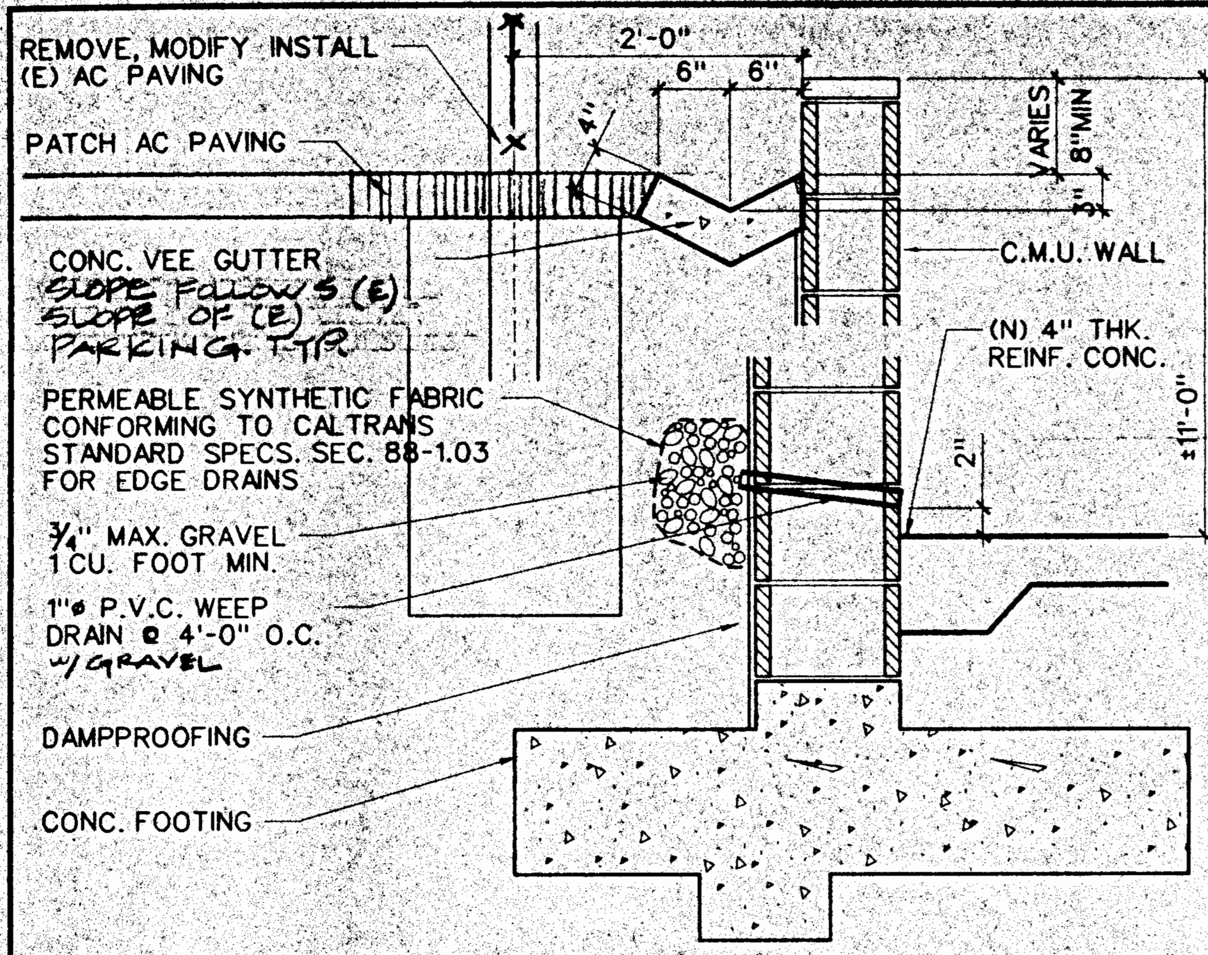
LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Ci FLS SS
DATE DEC 1 / 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

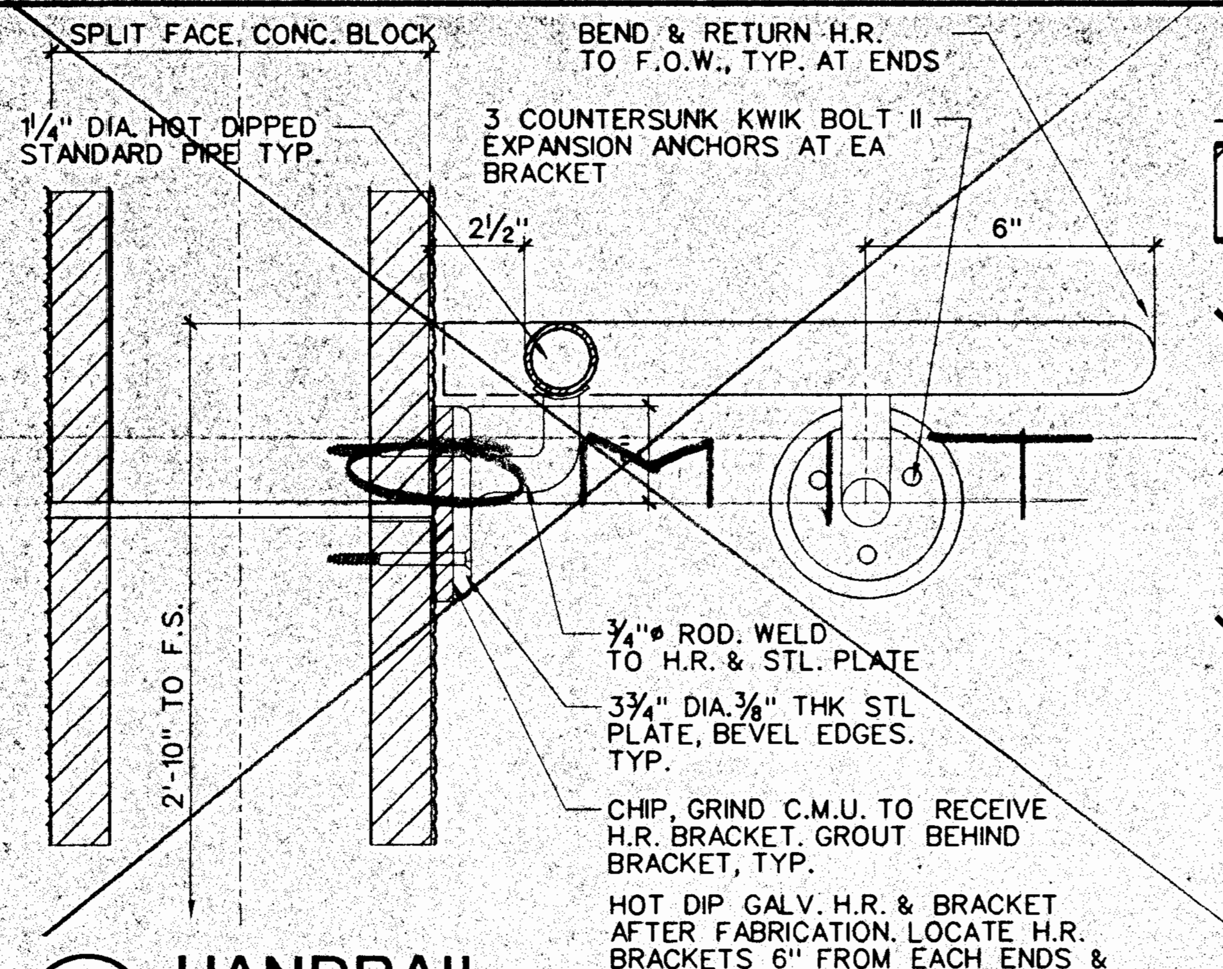
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	9
BINDING ORDER	10 OF 82


REMOVE, MODIFY INSTALL (E) AC PAVING
PATCH AC PAVING
2'-0"
6"
6"
4"
VARIES
8" MIN
3"
C.M.U. WALL
CONC. VEE GUTTER
SLOPE FOLLOWS (E) SLOPE OF (E) PARKING. TYP.
(N) 4" THK. REINF. CONC.
±11'-0"
PERMEABLE SYNTHETIC FABRIC CONFORMING TO CALTRANS STANDARD SPECS. SEC. 88-1.03 FOR EDGE DRAINS
2"
¾" MAX. GRAVEL 1 CU. FOOT MIN.
1"ø P.V.C. WEEP DRAIN @ 4'-0" O.C. w/ GRAVEL
DAMPPROOFING
CONC. FOOTING

A1 TYP. RET. WALL DAMPROOFING

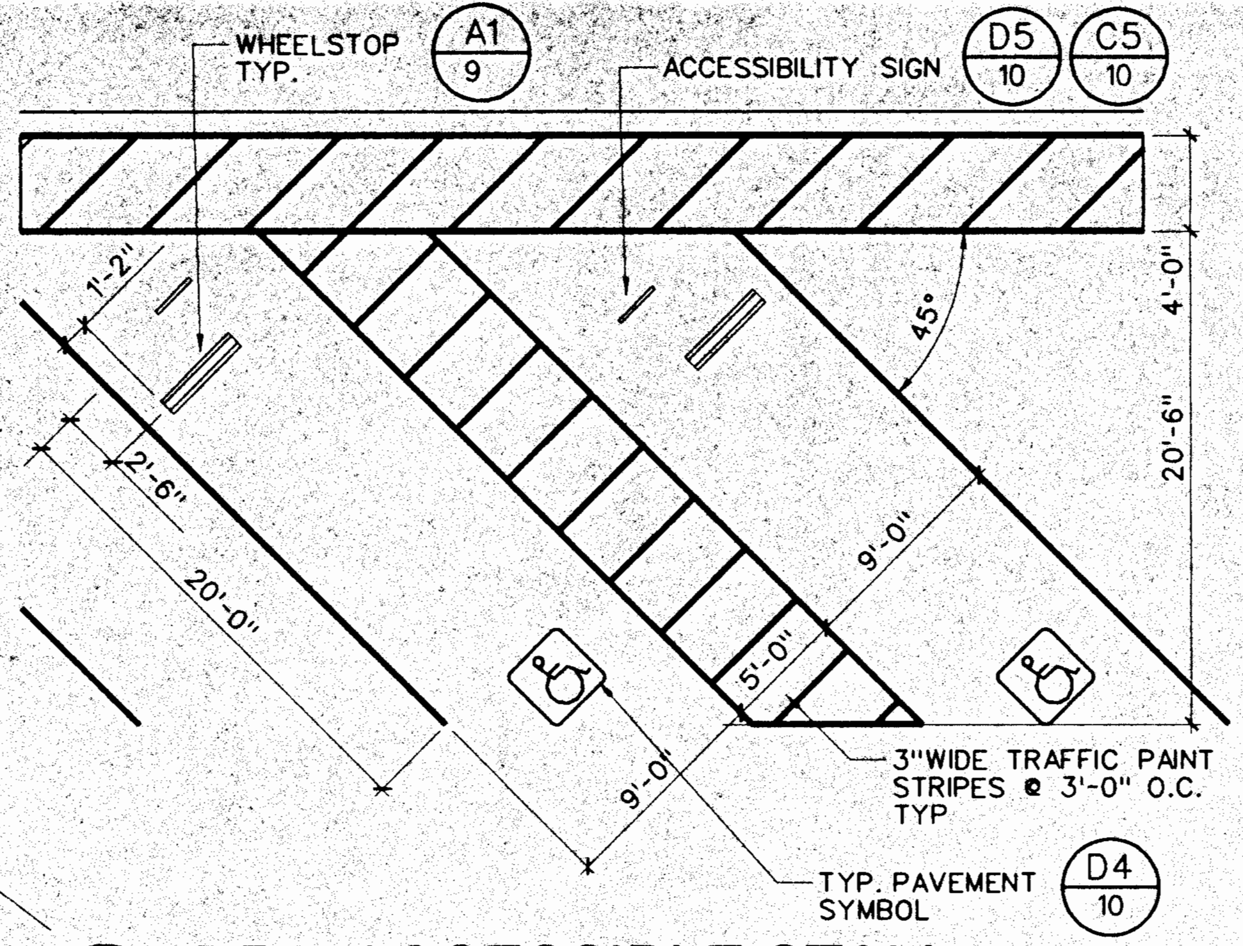
3/4"-1'-0" mmdet123.dgn


SPLIT FACE CONC. BLOCK
1¼" DIA. HOT DIPPED STANDARD PIPE TYP.
BEND & RETURN H.R. TO F.O.W., TYP. AT ENDS
3 COUNTERSUNK KWIK BOLT II EXPANSION ANCHORS AT EA BRACKET
2½"
6"
2'-10" TO F.S.
¾"ø ROD. WELD TO H.R. & STL. PLATE
3¾" DIA. ⅜" THK STL PLATE, BEVEL EDGES. TYP.
CHIP, GRIND C.M.U. TO RECEIVE H.R. BRACKET. GROUT BEHIND BRACKET, TYP.

HOT DIP GALV. H.R. & BRACKET AFTER FABRICATION. LOCATE H.R. BRACKETS 6" FROM EACH ENDS & MAX 4'-0" O.C. TYP.

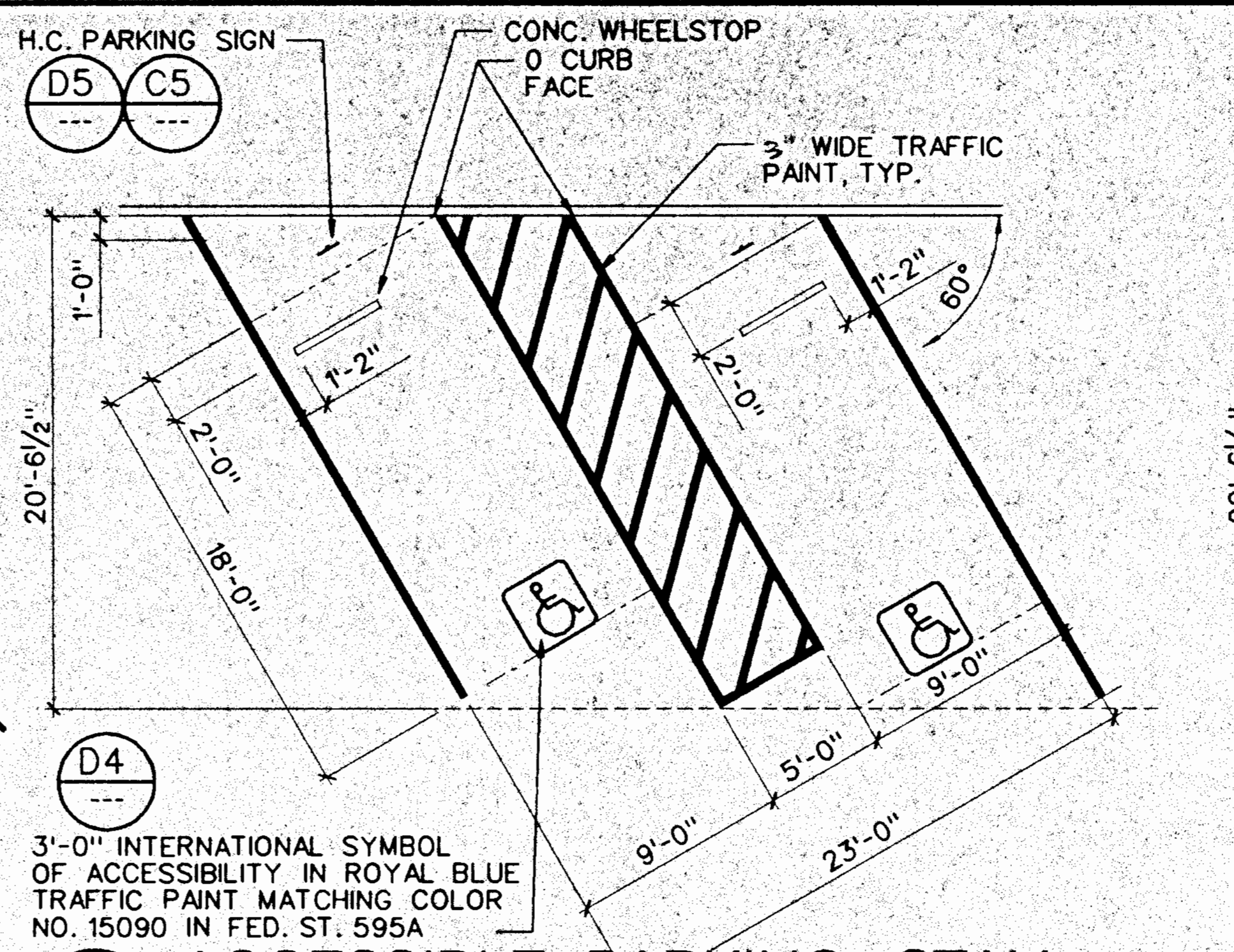
A2 HANDRAIL

3"-1'-0" 055-038 .dgn



A3 DBL. ACCESSIBLE STALL

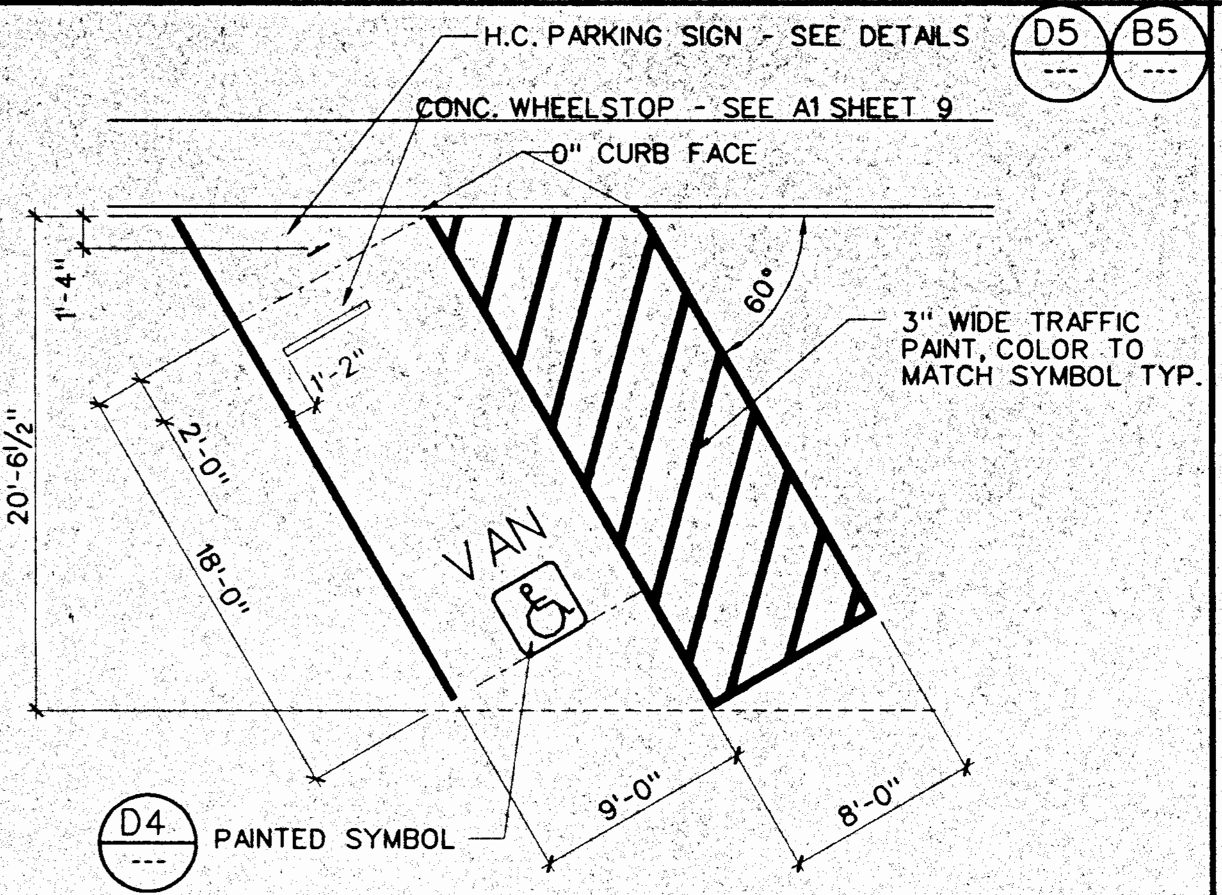
⅛"-1'-0" 025-004 .dgn



3'-0" INTERNATIONAL SYMBOL OF ACCESSIBILITY IN ROYAL BLUE TRAFFIC PAINT MATCHING COLOR NO. 15090 IN FED. ST. 595A

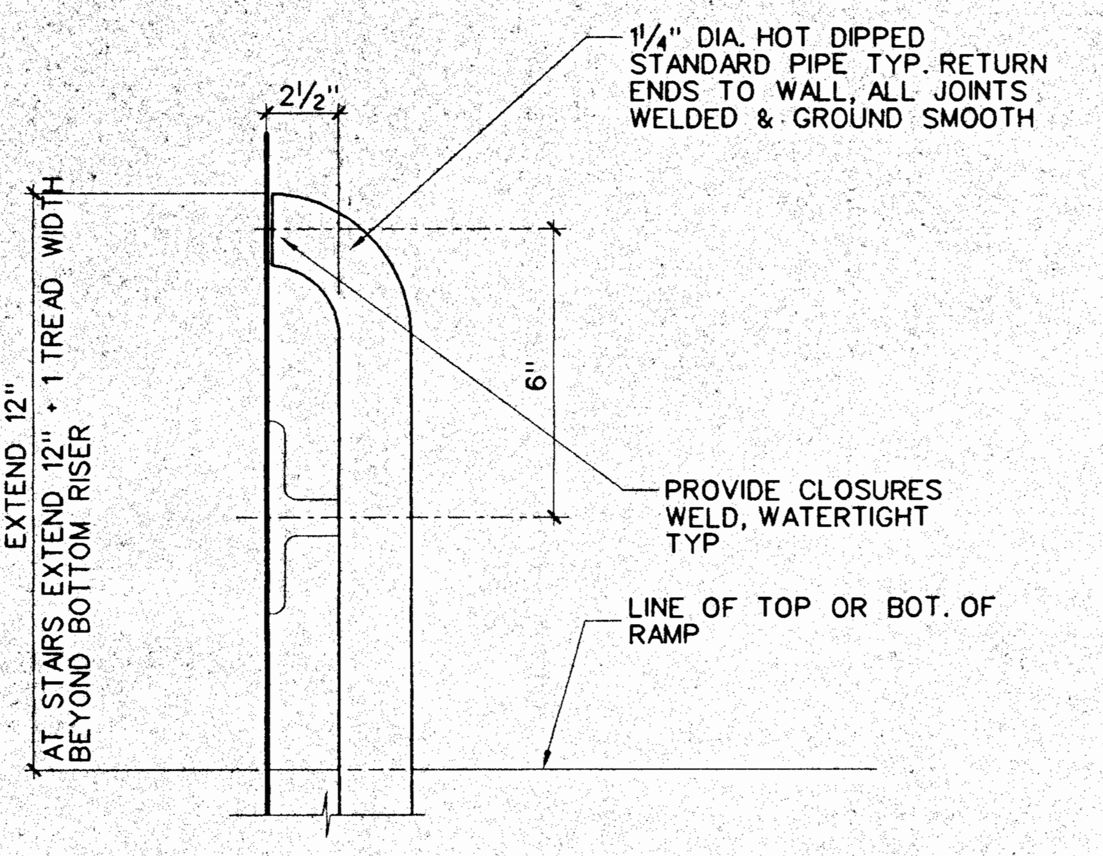
A4 ACCESSIBLE PARKING STALL

⅛"-1'-0" 025-009 .dgn


H.C. PARKING SIGN - SEE DETAILS
D5 / ---
B5 / ---
CONC. WHEELSTOP - SEE A1 SHEET 9
0" CURB FACE
1'-4"
20'-6½"
1'-2"
2'-0"
18'-0"
60°
3" WIDE TRAFFIC PAINT, COLOR TO MATCH SYMBOL TYP.
VAN
9'-0"
8'-0"
D4 / ---
PAINTED SYMBOL

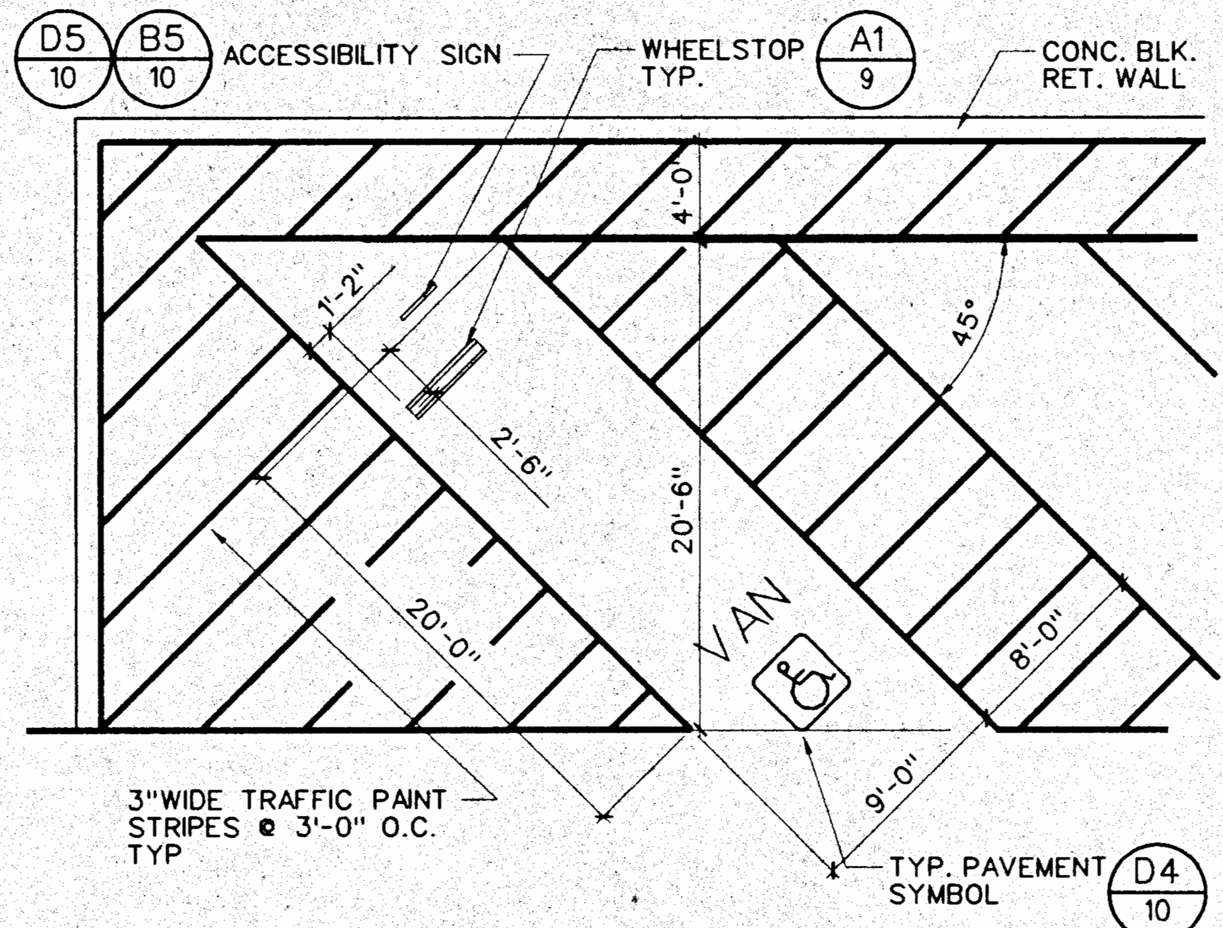
A5 VAN ACCESSIBLE HDCP. STALL

⅛"-1'-0" 025-001A.dgn


1¼" DIA. HOT DIPPED STANDARD PIPE TYP. RETURN ENDS TO WALL, ALL JOINTS WELDED & GROUND SMOOTH
2½"
6"
EXTEND 12"
AT STAIRS EXTEND 12" + 1 TREAD WIDTH BEYOND BOTTOM RISER
PROVIDE CLOSURES WELD, WATERTIGHT TYP
LINE OF TOP OR BOT. OF RAMP

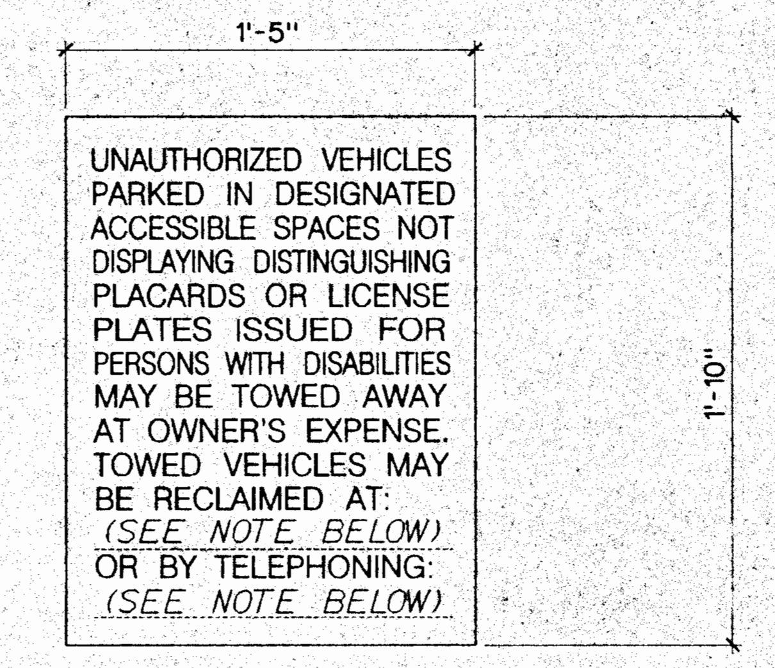
B2 HANDRAIL RETURN

3"-1'-0" 055-036 .dgn



B3 VAN ACCESSIBLE STALL

⅛"-1'-0" 025-005 .dgn



UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES MAY BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT:
(SEE NOTE BELOW)
OR BY TELEPHONING:
(SEE NOTE BELOW)

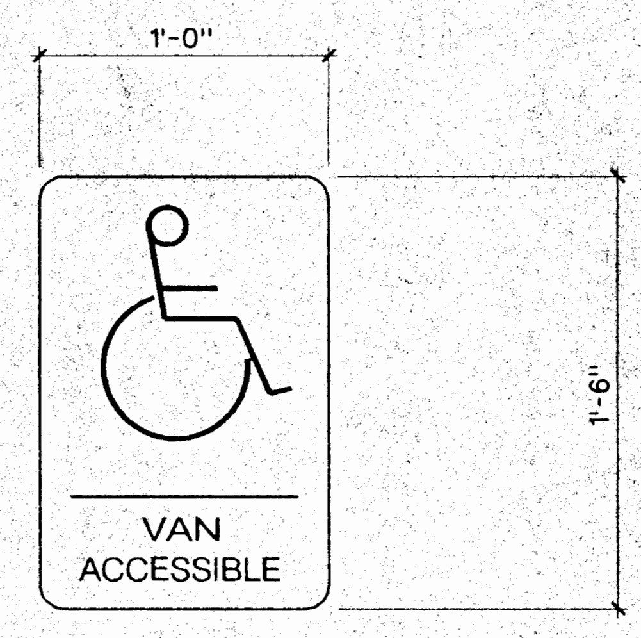
SIGN SHALL BE REFLECTORIZED, CONSTRUCTED OF PORCELAIN ON STEEL WITH 1" HIGH BEADED TEXT. TEXT SHALL BE WHITE ON ROYAL BLUE BACKGROUND MATCHING COLOR NO. 15090 IN FEDERAL STANDARD 599B.

CONTRACTOR SHALL OBTAIN THE FOLLOWING INFORMATION FROM THE LOCAL POLICE DEPARTMENT, AND INCORPORATE INTO SIGN TEXT:

1. WHERE TOWED VEHICLES MAY BE RECLAIMED
2. TELEPHONE NO. TO CALL IF VEHICLE IS IMPOUNDED.

B4 PARKING LOT ENTRY SIGN

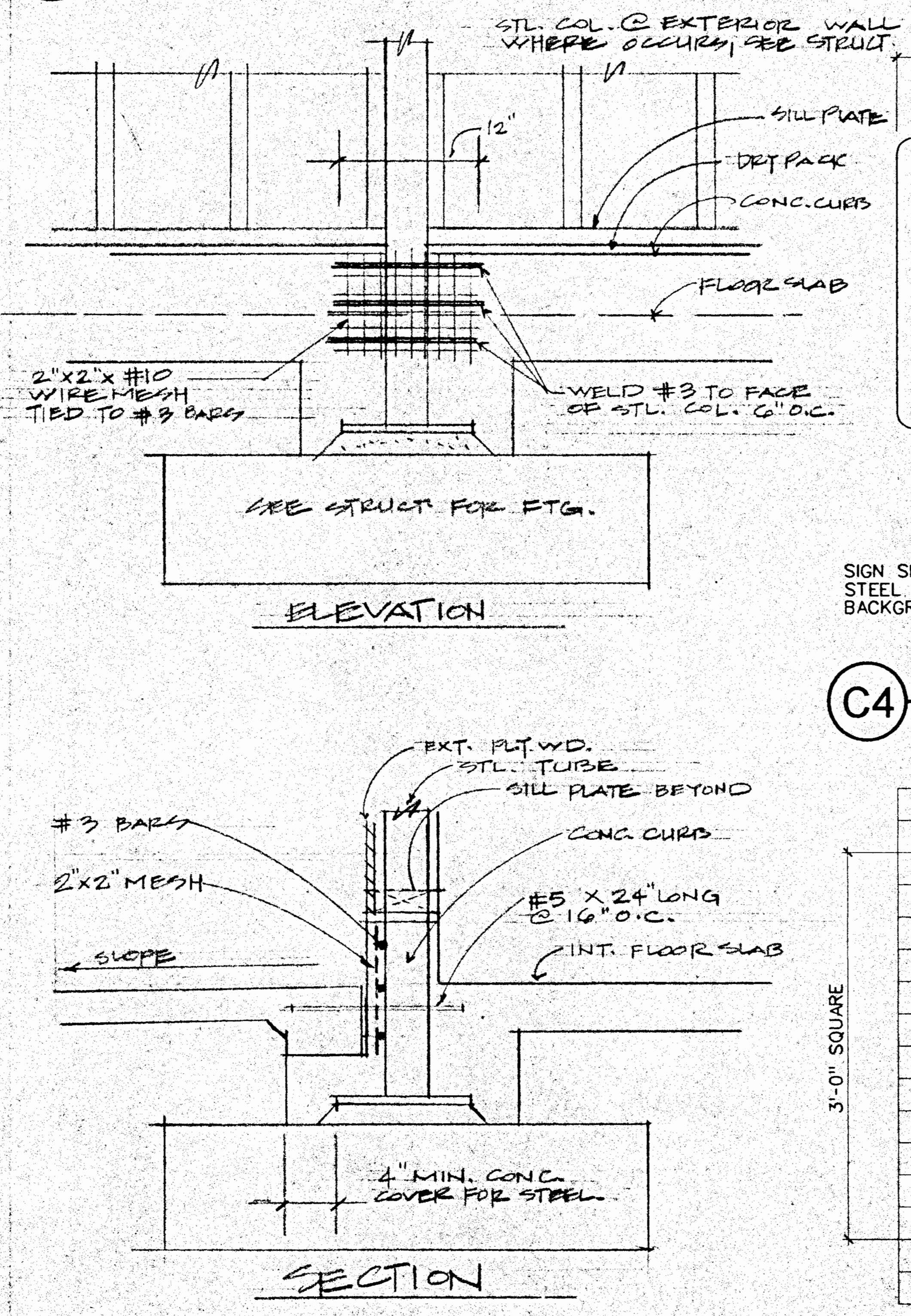
NO SCALE 104-006 .dgn



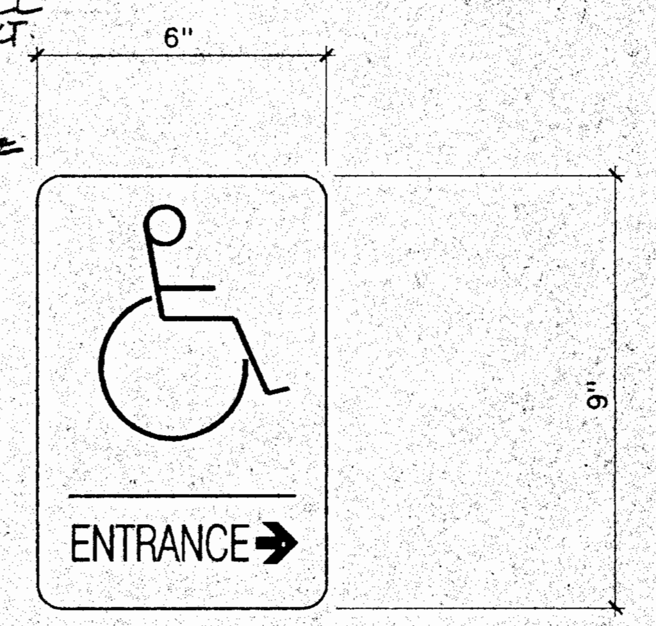
SIGN SHALL BE REFLECTORIZED, CONSTRUCTED OF PORCELAIN ON STEEL WITH BEADED TEXT. TEXT SHALL BE WHITE ON ROYAL BLUE BACKGROUND MATCHING COLOR NO. 15090 IN FEDERAL STANDARD 599B.

B5 PARKING SIGN

NO SCALE 104-003 .dgn



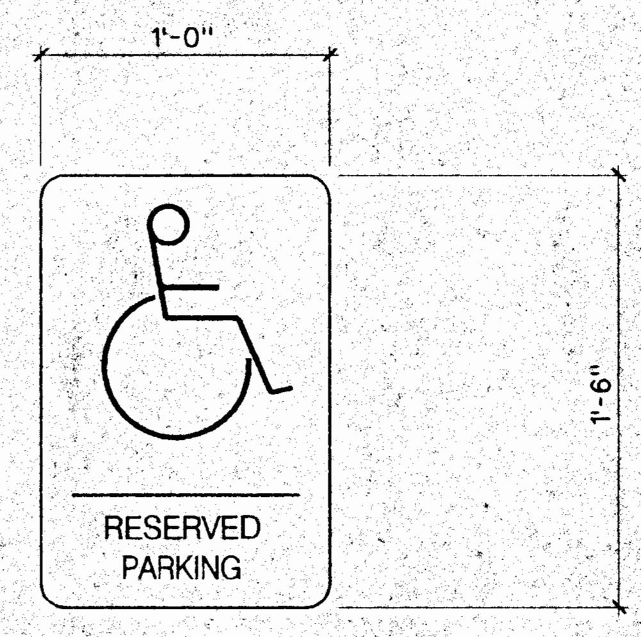
D3 STL. COL. @ EXTERIOR WALLS TYPICAL



SIGN SHALL BE REFLECTORIZED, CONSTRUCTED OF PORCELAIN ON STEEL WITH BEADED TEXT. TEXT SHALL BE WHITE ON ROYAL BLUE BACKGROUND MATCHING COLOR NO. 15090 IN FEDERAL STANDARD 599B.

C4 PATH OF TRAVEL SIGN

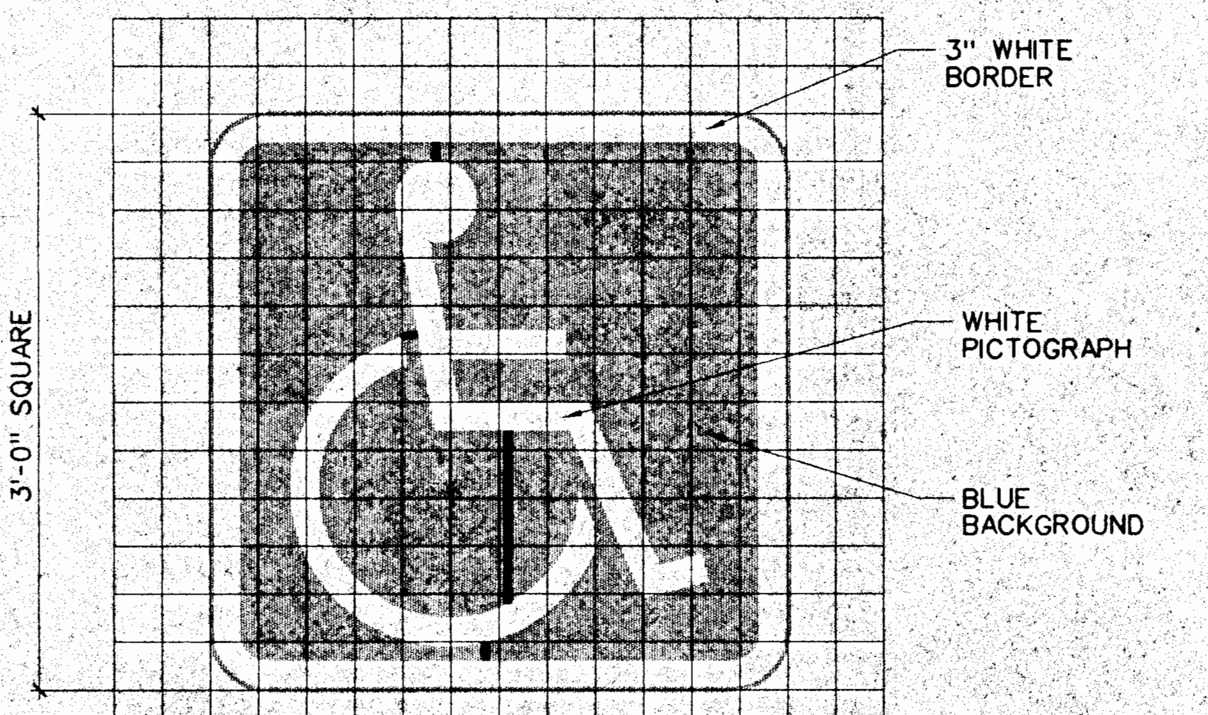
NO SCALE 104-004 .dgn



SIGN SHALL BE REFLECTORIZED, CONSTRUCTED OF PORCELAIN ON STEEL WITH BEADED TEXT. TEXT SHALL BE WHITE ON ROYAL BLUE BACKGROUND MATCHING COLOR NO. 15090 IN FEDERAL STANDARD 599B.

C5 PARKING SIGN

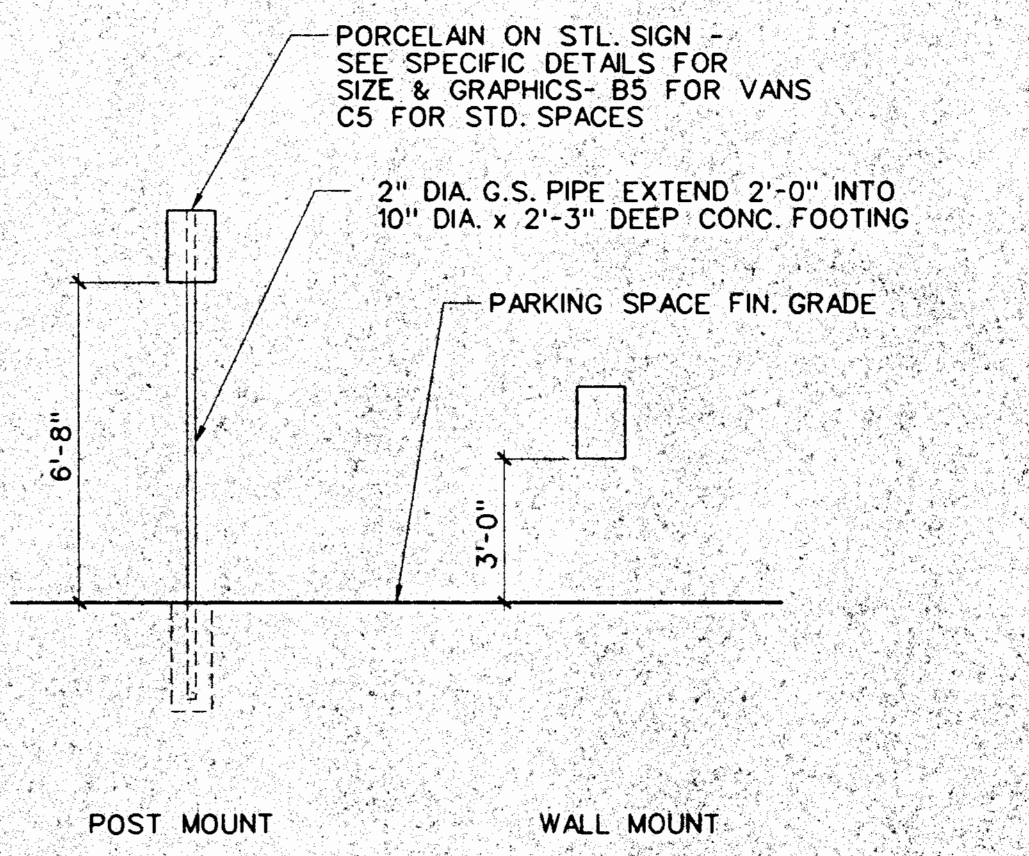
NO SCALE 104-002 .dgn



INTERNATIONAL SYMBOL OF ACCESSIBILITY
WHITE TRAFFIC PAINT PICTOGRAPH ON ROYAL BLUE TRAFFIC PAINT BACKGROUND MATCHING COLOR 15090 IN FED. STD. 599B. TYP. @ EACH HANDICAP PARKING STALL

D4 PAVEMENT SYMBOL

NO SCALE 025-012 .dgn


PORCELAIN ON STL. SIGN - SEE SPECIFIC DETAILS FOR SIZE & GRAPHICS- B5 FOR VANS C5 FOR STD. SPACES
2" DIA. G.S. PIPE EXTEND 2'-0" INTO 10" DIA. x 2'-3" DEEP CONC. FOOTING
PARKING SPACE FIN. GRADE
6'-8"
3'-0"
POST MOUNT
WALL MOUNT

D5 PARKING SIGN MOUNTING HEIGHTS

NO SCALE 104-001 .dgn

SITE DETAIL

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE • LOS ANGELES • CA 90039 • (323) 666 1265

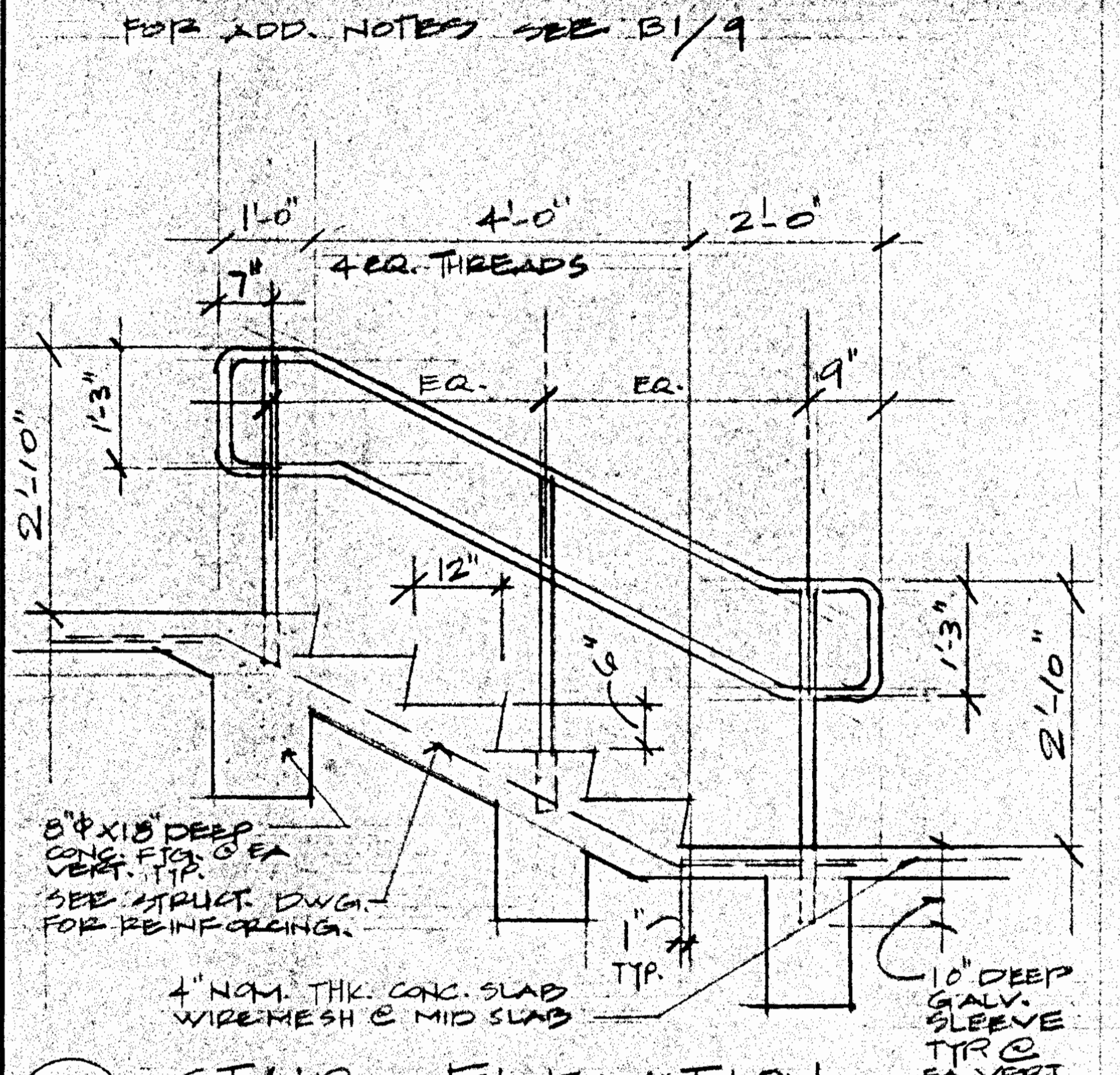
TAMARA P. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Gi FLS ___ SS ___
DATE DEC 1 4 1999

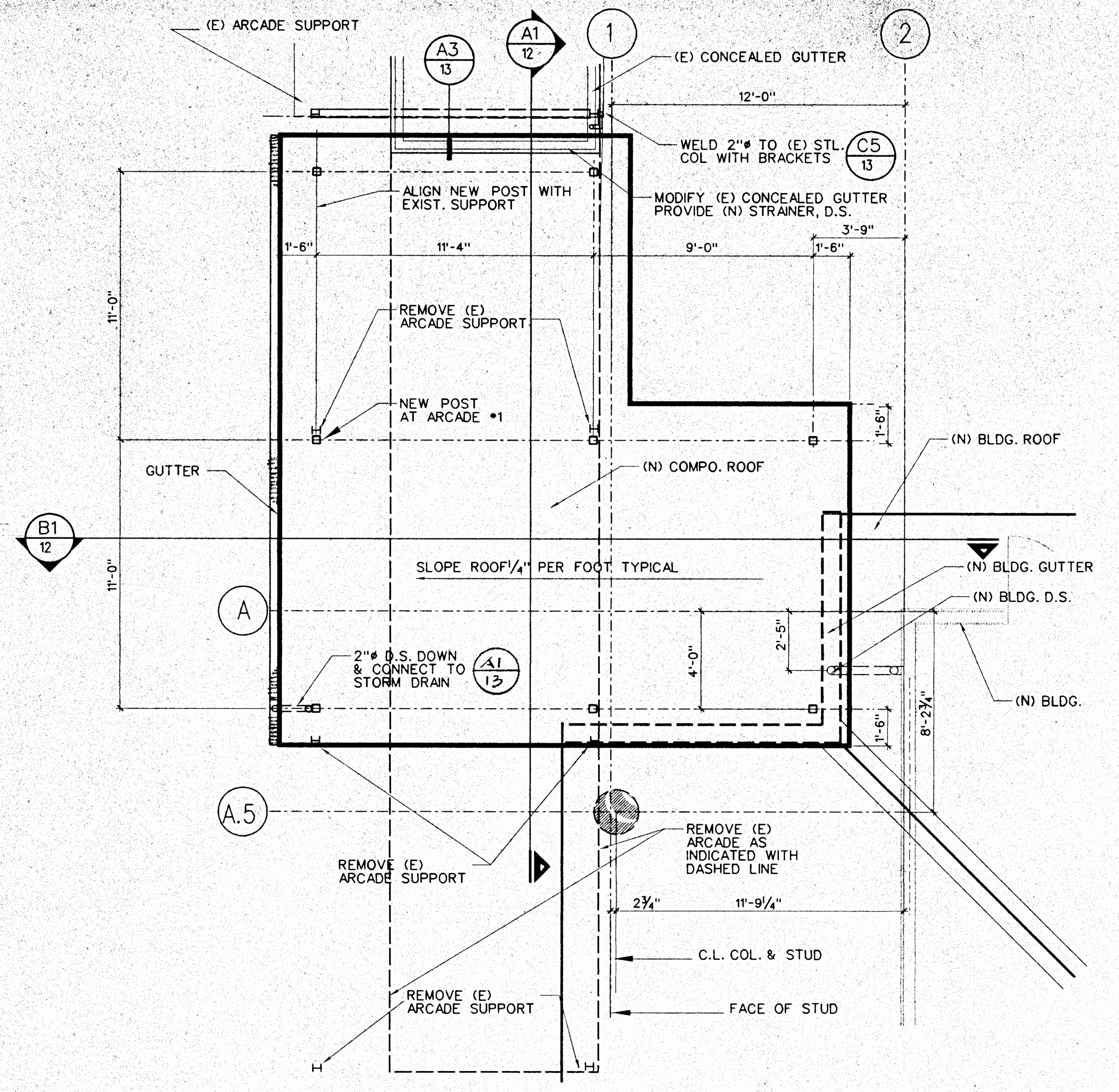
NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	10
BINDING ORDER	11 OF 82

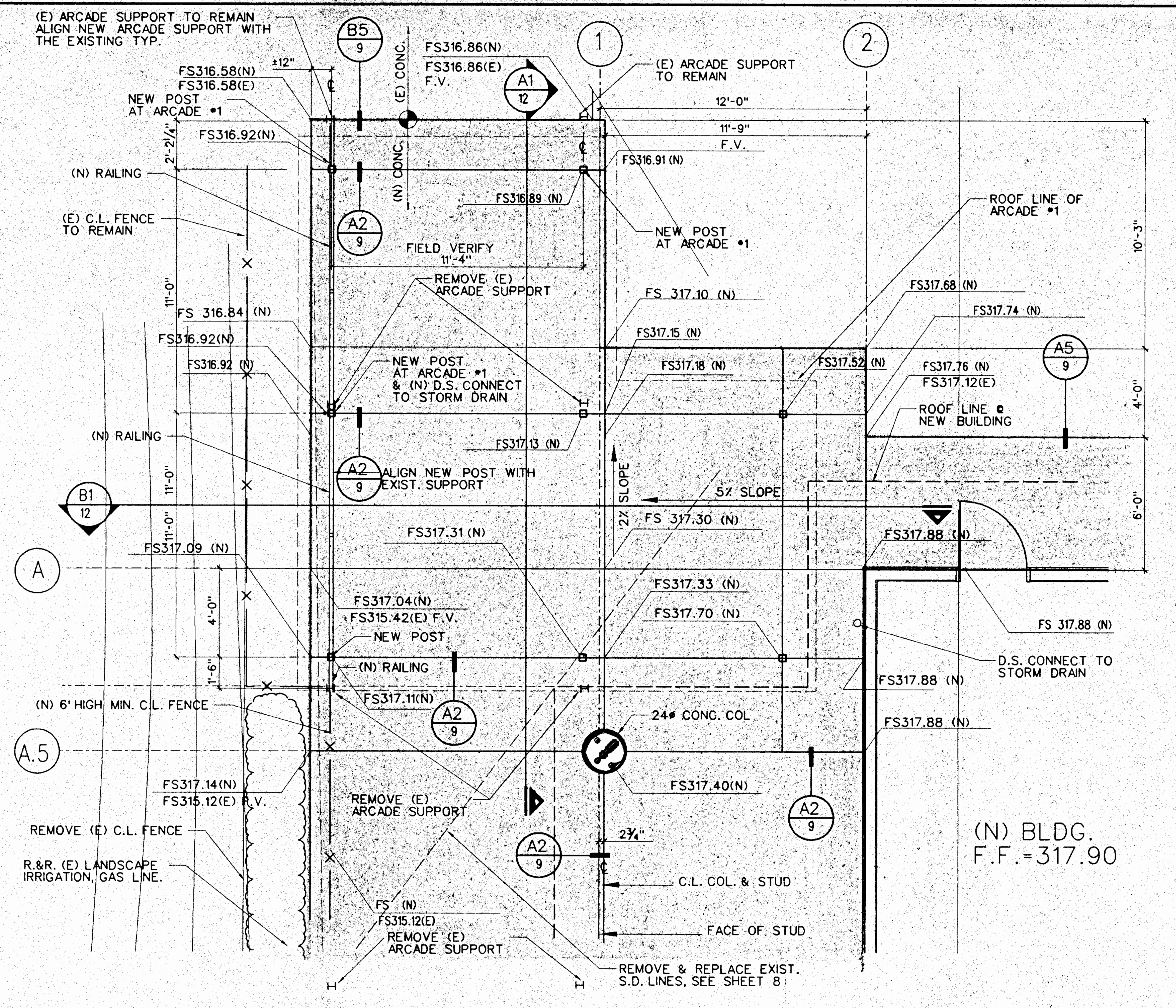
g:\grosmont\9822-1\10.sht Dec. 10, 1999 16:19:05


FOR ADD. NOTES SEE B1/9
1'-0"
4'-0"
2'-0"
4 EQ. THREADS
7"
EQ.
EQ.
9"
1'-3"
2'-10"
12"
6"
1'-3"
2'-10"
8"Φ X 18" DEEP CONC. FTG. @ EA VERT. TYP.
SEE STRUCT. DWG. FOR REINFORCING.
1" TYP.
4" NOM. THK. CONC. SLAB WIRE MESH @ MID SLAB
10" DEEP GALV. SLEEVE TYP. @ EA VERT.

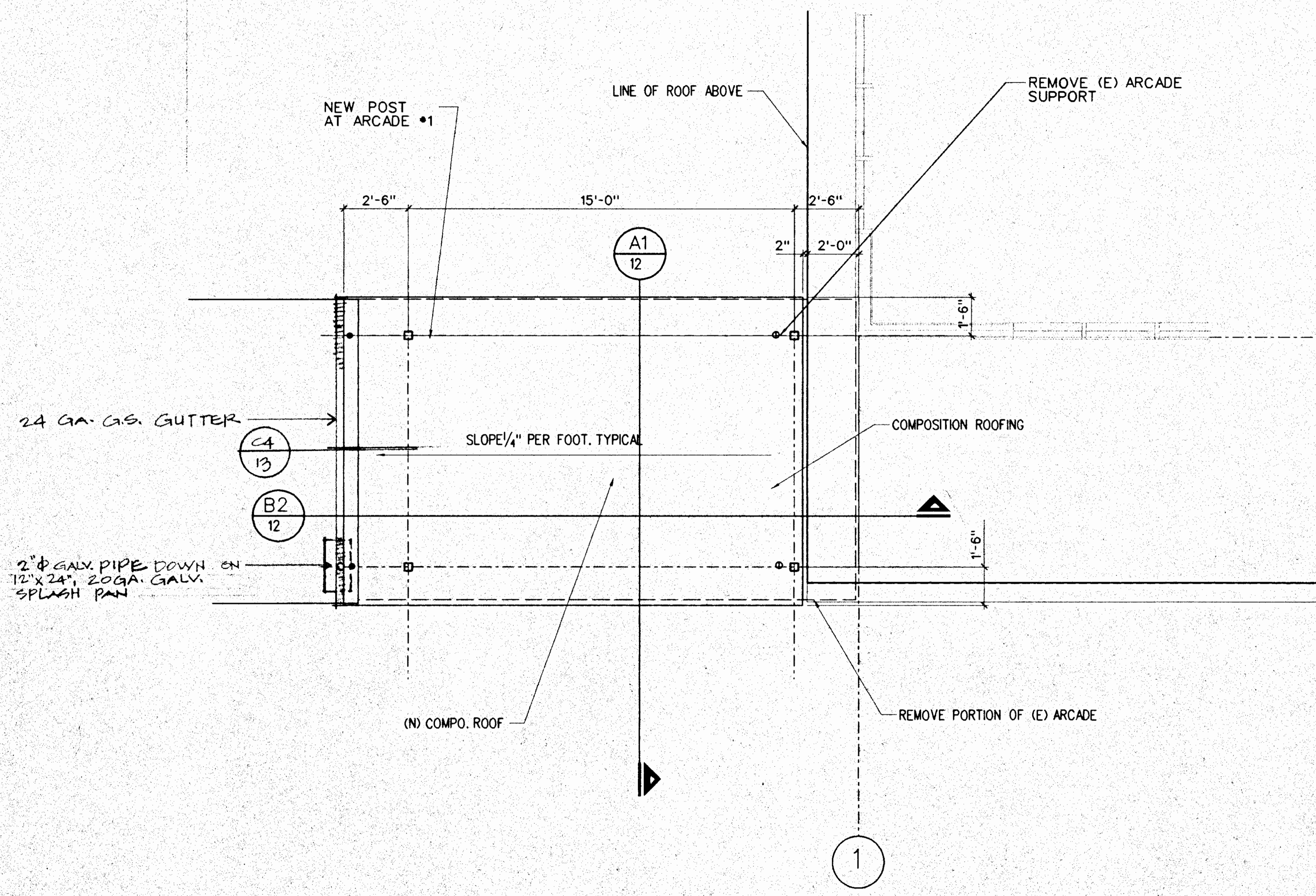
A STAIR - ELEVATION
1/2"=1'-0"


(E) ARCADE SUPPORT
A3 13
A1 12
1
2
(E) CONCEALED GUTTER
12'-0"
WELD 2"Φ TO (E) STL. COL WITH BRACKETS
C5 13
ALIGN NEW POST WITH EXIST. SUPPORT
MODIFY (E) CONCEALED GUTTER PROVIDE (N) STRAINER, D.S.
1'-6"
11'-4"
9'-0"
3'-9"
1'-6"
REMOVE (E) ARCADE SUPPORT
11'-0"
NEW POST AT ARCADE #1
1'-6"
(N) BLDG. ROOF
GUTTER
(N) COMPO. ROOF
B1 12
11'-0"
SLOPE ROOF 1/4" PER FOOT TYPICAL
(N) BLDG. GUTTER
(N) BLDG. D.S.
A
2'-5"
4'-0"
2"Φ D.S. DOWN & CONNECT TO STORM DRAIN
A1 13
(N) BLDG.
1'-6"
8'-2 3/4"
A.5
REMOVE (E) ARCADE SUPPORT
REMOVE (E) ARCADE AS INDICATED WITH DASHED LINE
2 3/4"
11'-9 1/4"
C.L. COL. & STUD
REMOVE (E) ARCADE SUPPORT
FACE OF STUD

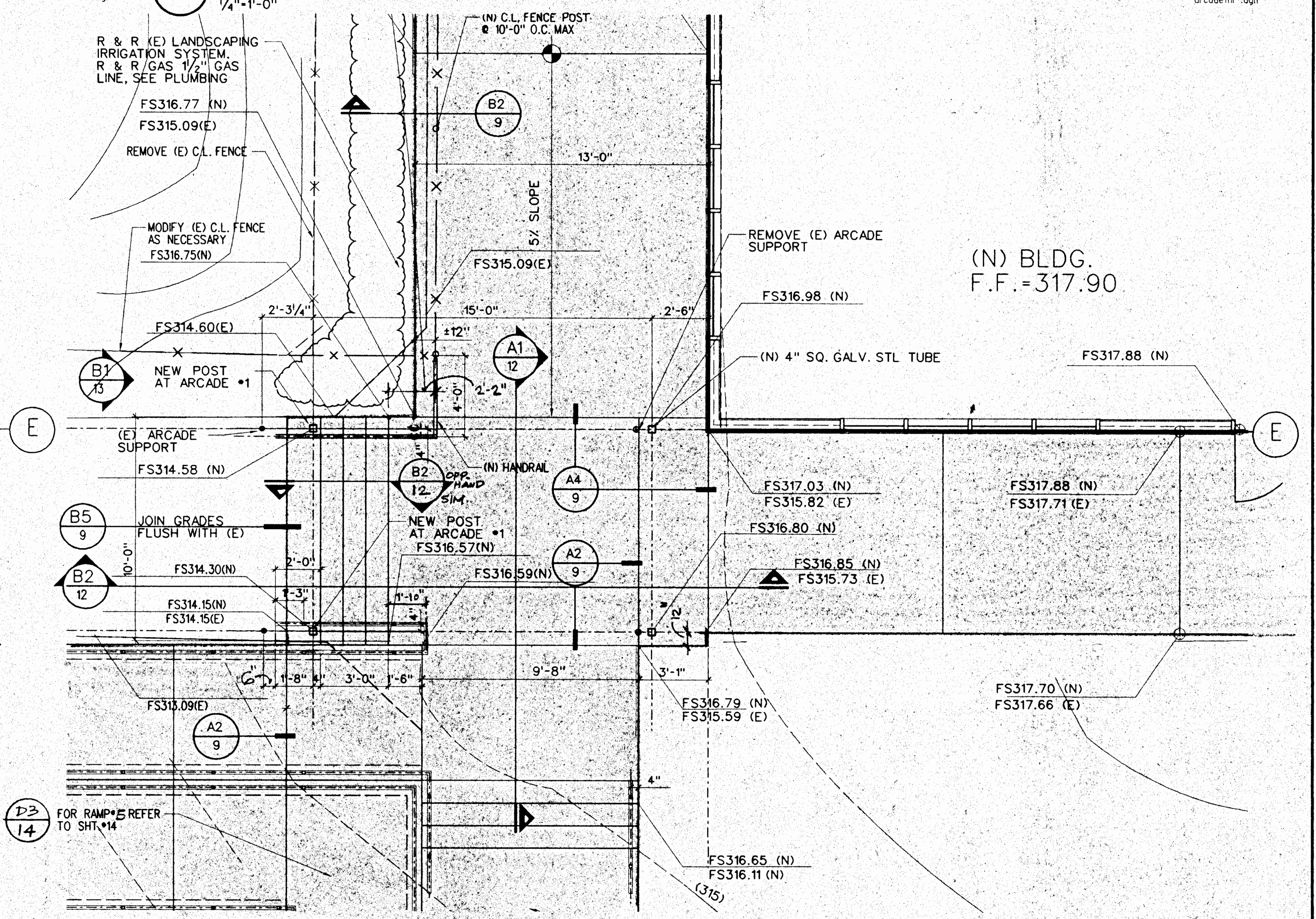
A1 ARCADE #1 - ROOF PLAN
1/4"=1'-0"
arcade1roof.dgn



A2 ARCADE #1 - FLOOR PLAN
1/4"=1'-0"
arcade1flr.dgn



B1 ARCADE #2 - ROOF PLAN
1/4"=1'-0"
arcade2roof.dgn



B2 ARCADE #2 - FLOOR PLAN
1/4"=1'-0"
arcade2flr.dgn

ARCADE #1 & #2 ENLARGED PLAN

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

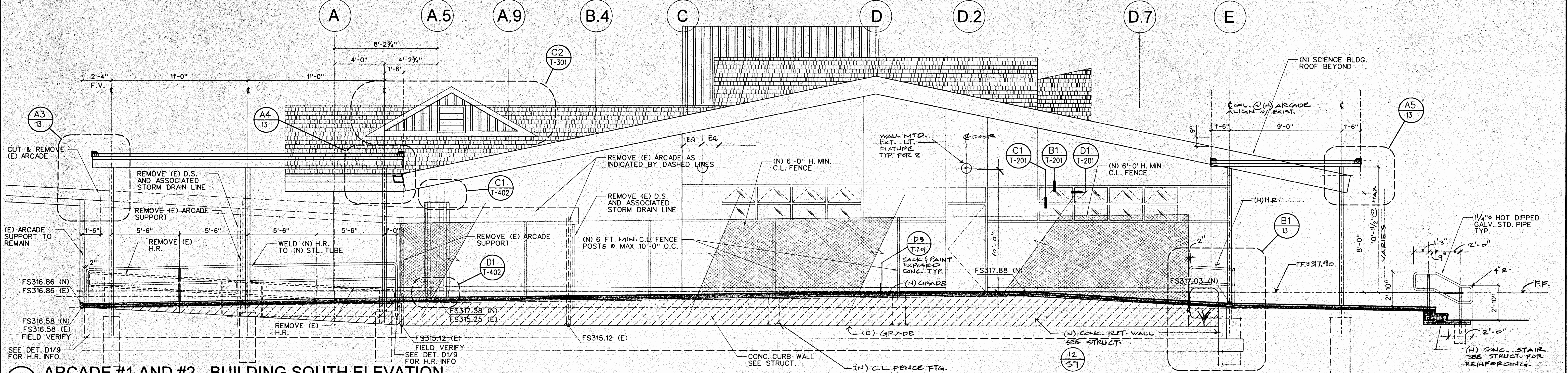
CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323/666 1255

TAMARA J. SCHAEFFER C 20592 EXPIRES NOV. 30, 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS ___ SS ___
DATE DEC 14 1999

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	11
BINDING ORDER	12 OF 82

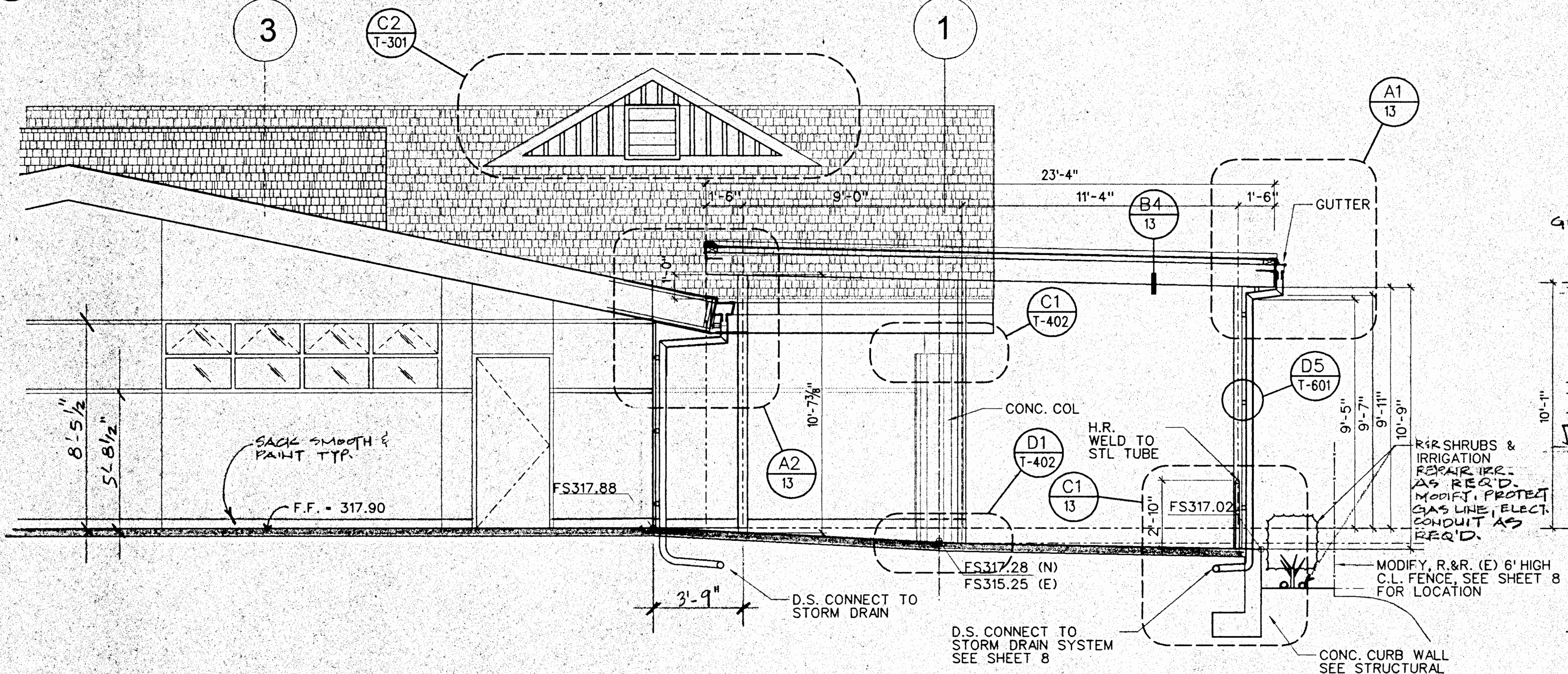
d:\grossmont\9822-1\11.sht Dec. 03, 1999 09:31:45


A
A.5
A.9
B.4
C
D
D.2
D.7
E
8'-2¾"
4'-0"
4'-2¾"
1'-6"
2'-4"
F.V.
11'-0"
11'-0"
C2
T-301
A3
13
A4
13
CUT & REMOVE (E) ARCADE
REMOVE (E) D.S. AND ASSOCIATED STORM DRAIN LINE
REMOVE (E) ARCADE SUPPORT
(E) ARCADE SUPPORT TO REMAIN
1'-6"
5'-6"
5'-6"
5'-6"
5'-6"
1'-0"
REMOVE (E) H.R.
WELD (N) H.R. TO (N) STL. TUBE
2"
FS316.86 (N)
FS316.86 (E)
FS316.58 (N)
FS316.58 (E)
FIELD VERIFY
SEE DET. D1/9 FOR H.R. INFO
REMOVE (E) H.R.
C1
T-402
D1
T-402
REMOVE (E) ARCADE SUPPORT
FS317.38 (N)
FS315.25 (E)
FS315.12 (E)
FIELD VERIFY
SEE DET. D1/9 FOR H.R. INFO
FS315.12 (E)
REMOVE (E) ARCADE AS INDICATED BY DASHED LINES
REMOVE (E) D.S. AND ASSOCIATED STORM DRAIN LINE
(N) 6 FT MIN. C.L. FENCE POSTS @ MAX 10'-0" O.C.
EQ
EQ
(N) 6'-0" H. MIN. C.L. FENCE
WALL MTD. EXT. LT. FIXTURE TYP. FOR 2
℄ DOOR
C1
T-201
B1
T-201
D1
T-201
(N) 6'-0' H. MIN C.L. FENCE
D3
T-201
SACK & PAINT EXPOSED CONC. TYP.
(N) GRADE
10'-0"
FS317.88 (N)
(E) GRADE
(N) CONC. RET. WALL SEE STRUCT.
12
S7
CONC. CURB WALL SEE STRUCT.
(N) C.L. FENCE FTG.
(N) SCIENCE BLDG. ROOF BEYOND
℄ COL. @ (N) ARCADE ALIGN W/ EXIST.
9"
1'-6"
9'-0"
1'-6"
A5
13
(N) H.R.
B1
13
2"
FS317.03 (N)
F.F. = 317.90
8'-0"
10'-1½" @ MAX
VARIES
2'-10"
1¼"ø HOT DIPPED GALV. STD. PIPE TYP.
1'-3"
9"
2'-0"
4" R.
F.F.
2'-10"
2'-0"
(N) CONC. STAIR SEE STRUCT. FOR REINFORCING.

A1 ARCADE #1 AND #2 - BUILDING SOUTH ELEVATION

¼"=1'-0"

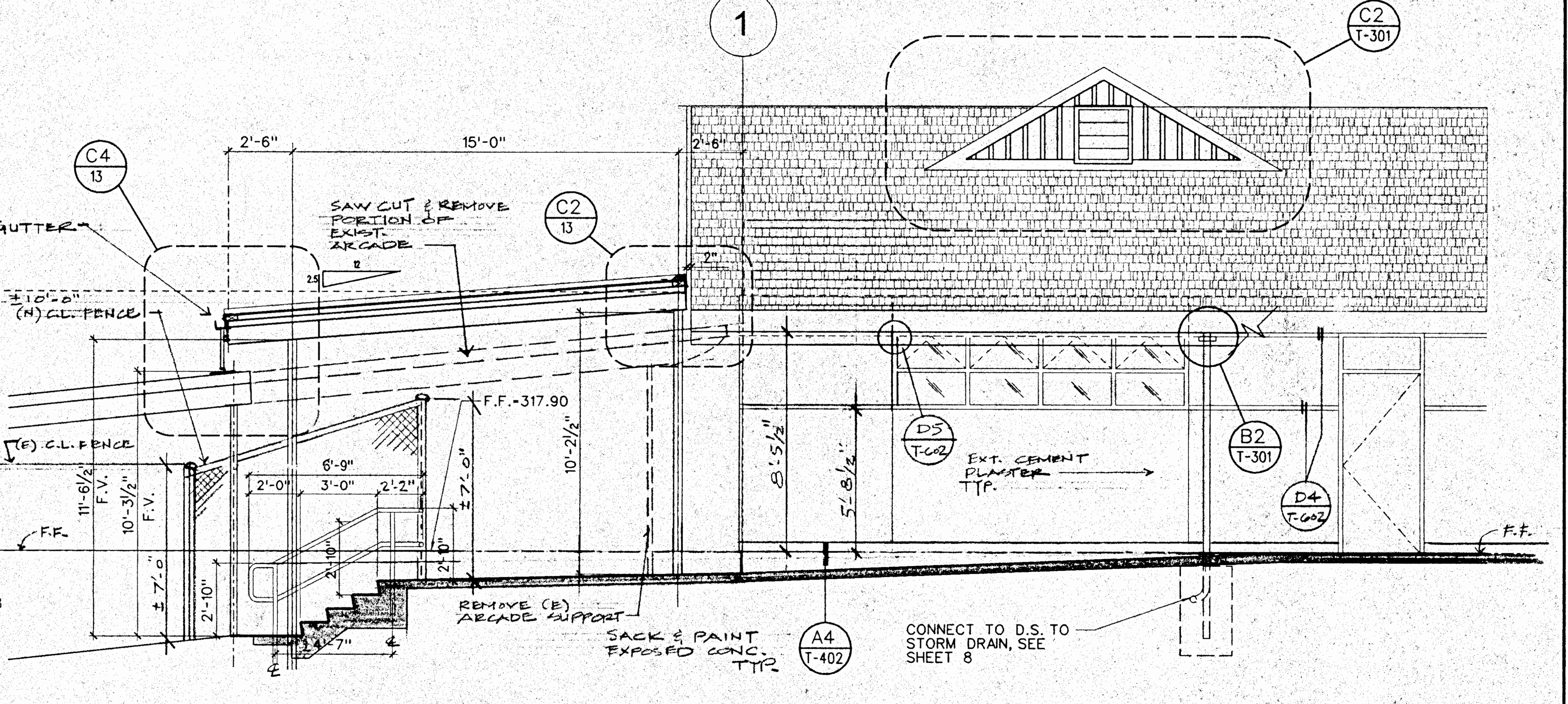
.dgn


3
1
C2
T-301
A1
13
23'-4"
11'-4"
1'-6"
9'-0"
1'-6"
B4
13
GUTTER
C1
T-402
D5
T-601
1'-0"
10'-7⅜"
CONC. COL
A2
13
8'-5½"
5'-8½"
SACK SMOOTH & PAINT TYP.
F.F. = 317.90
FS317.88
D1
T-402
H.R. WELD TO STL TUBE
C1
13
2'-10"
FS317.02
9'-5"
9'-7"
9'-11"
10'-9"
R&R SHRUBS & IRRIGATION REPAIR IRR. AS REQ'D. MODIFY, PROTECT GAS LINE, ELECT. CONDUIT AS REQ'D.
MODIFY, R.&R. (E) 6' HIGH C.L. FENCE, SEE SHEET 8 FOR LOCATION
FS317.28 (N)
FS315.25 (E)
3'-9"
D.S. CONNECT TO STORM DRAIN
D.S. CONNECT TO STORM DRAIN SYSTEM SEE SHEET 8
CONC. CURB WALL SEE STRUCTURAL

B1 ARCADE #1 - PARTIAL BUILDING WEST ELEVATION

¼"=1'-0"

.dgn



B2 ARCADE #2 - PARTIAL BUILDING EAST ELEVATION

¼"=1'-0"

.dgn

ARCADE #1 AND #2 - BUILDING SOUTH ELEVATION

CARMICHAEL-KEMP
ARCHITECTS AIA

2870 LOS FELIZ PLACE LOS ANGELES CA 90039 323 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

APPL NO 4-101516

AC G FLS ___ SS ___

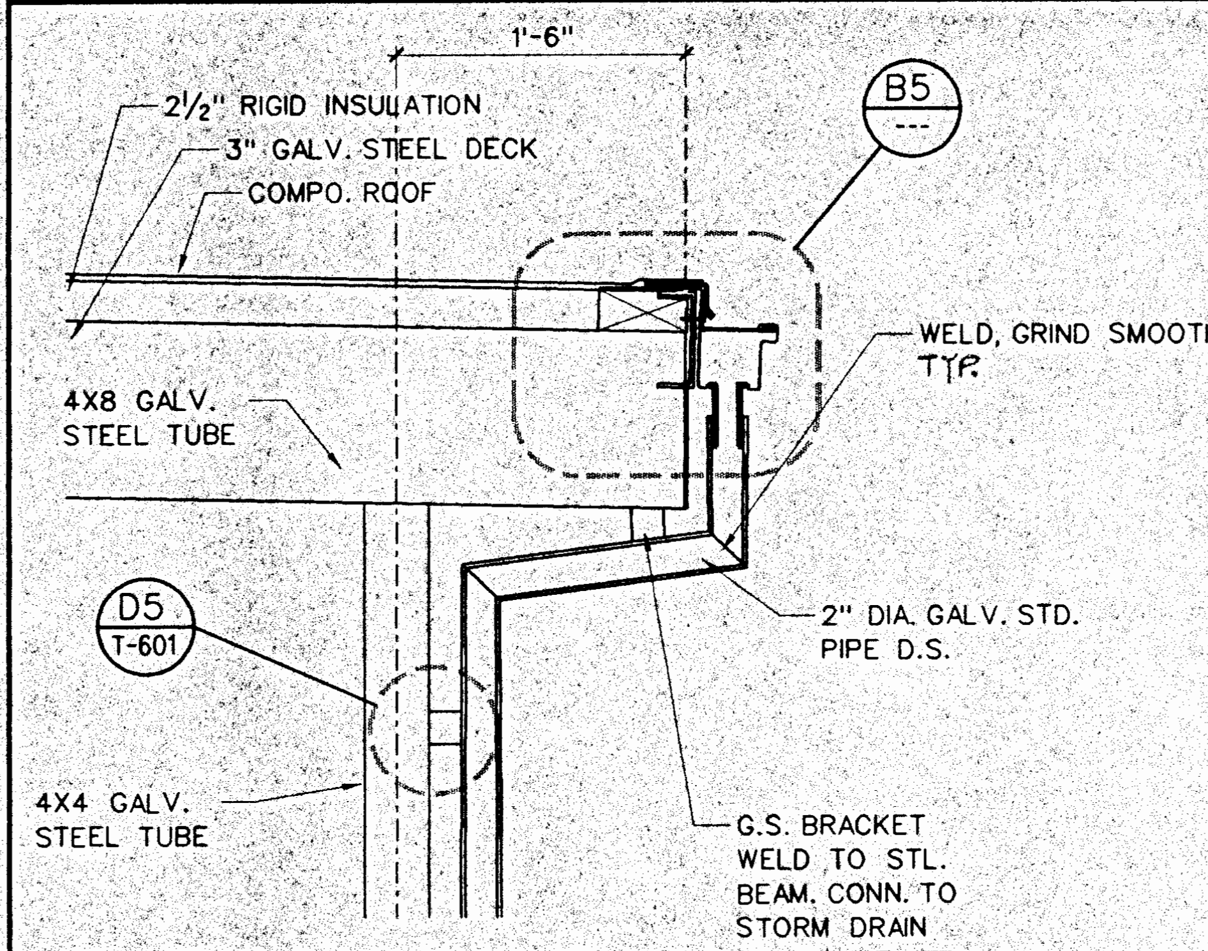
DATE DEC ___ 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

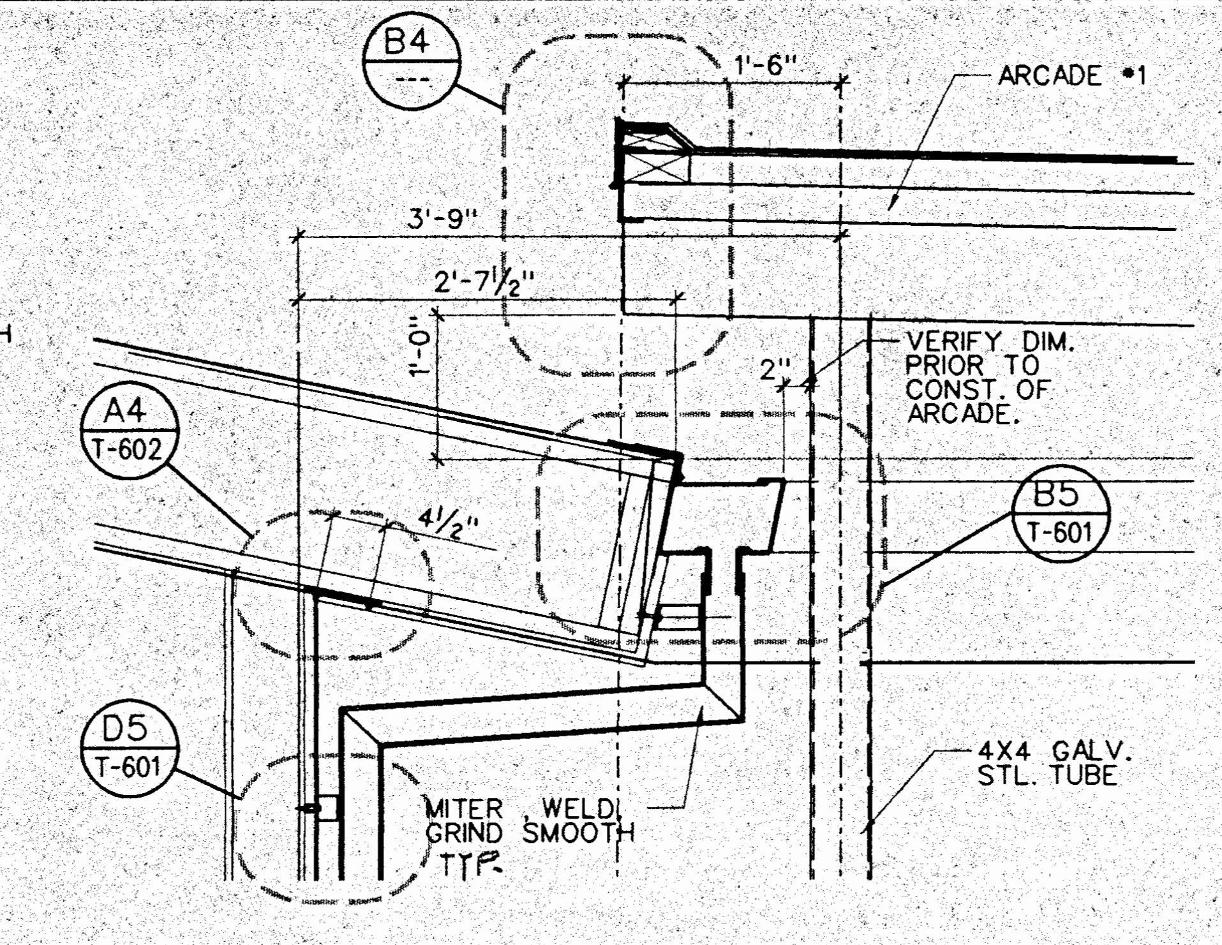
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	12
BINDING ORDER	13 OF 82

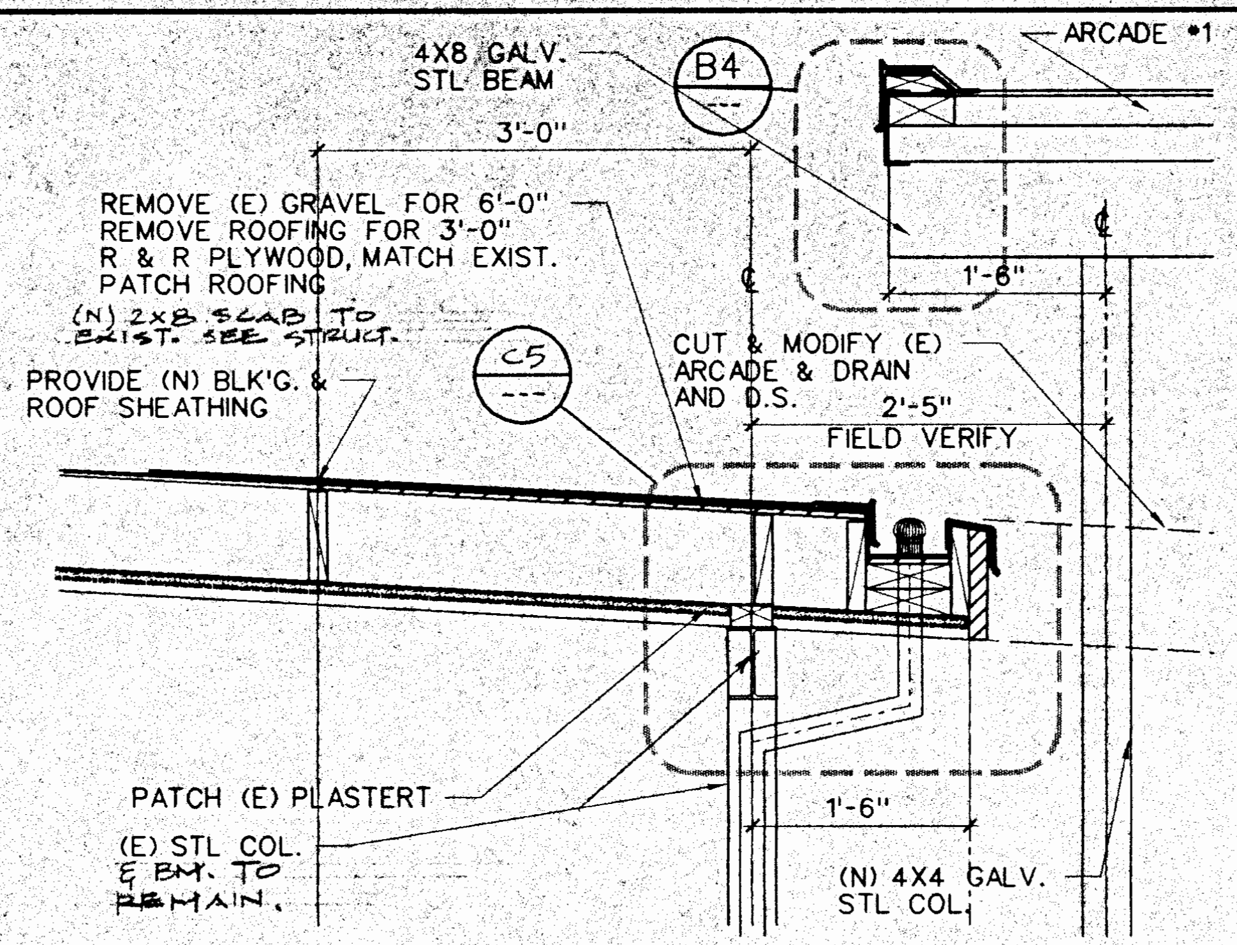
g:\grosmont\9822-1\12.sht Dec 12 1999 12:00:41



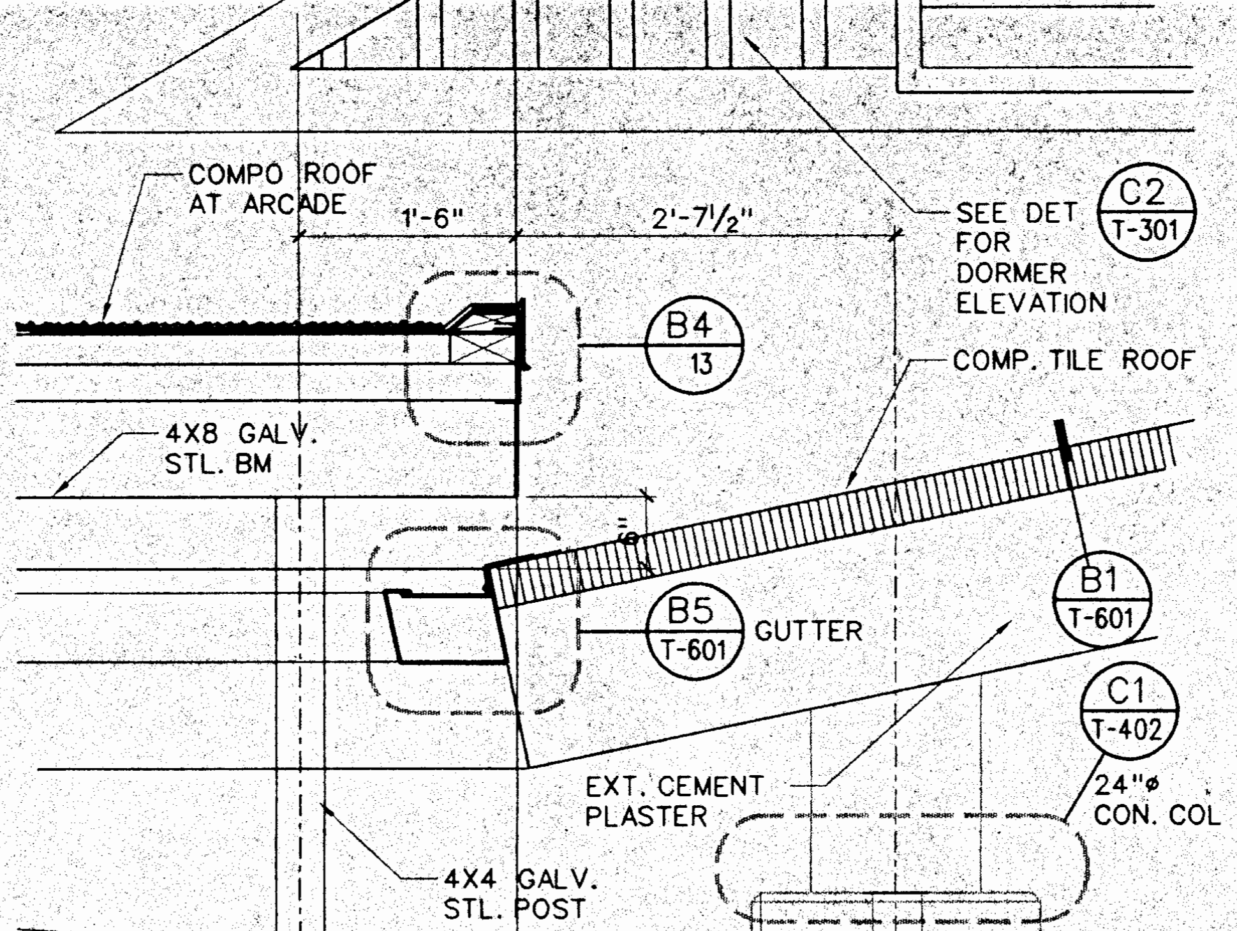
A1 DOWNSPOUT @ ARCADE
1" = 1'-0" mmdet016.dgn



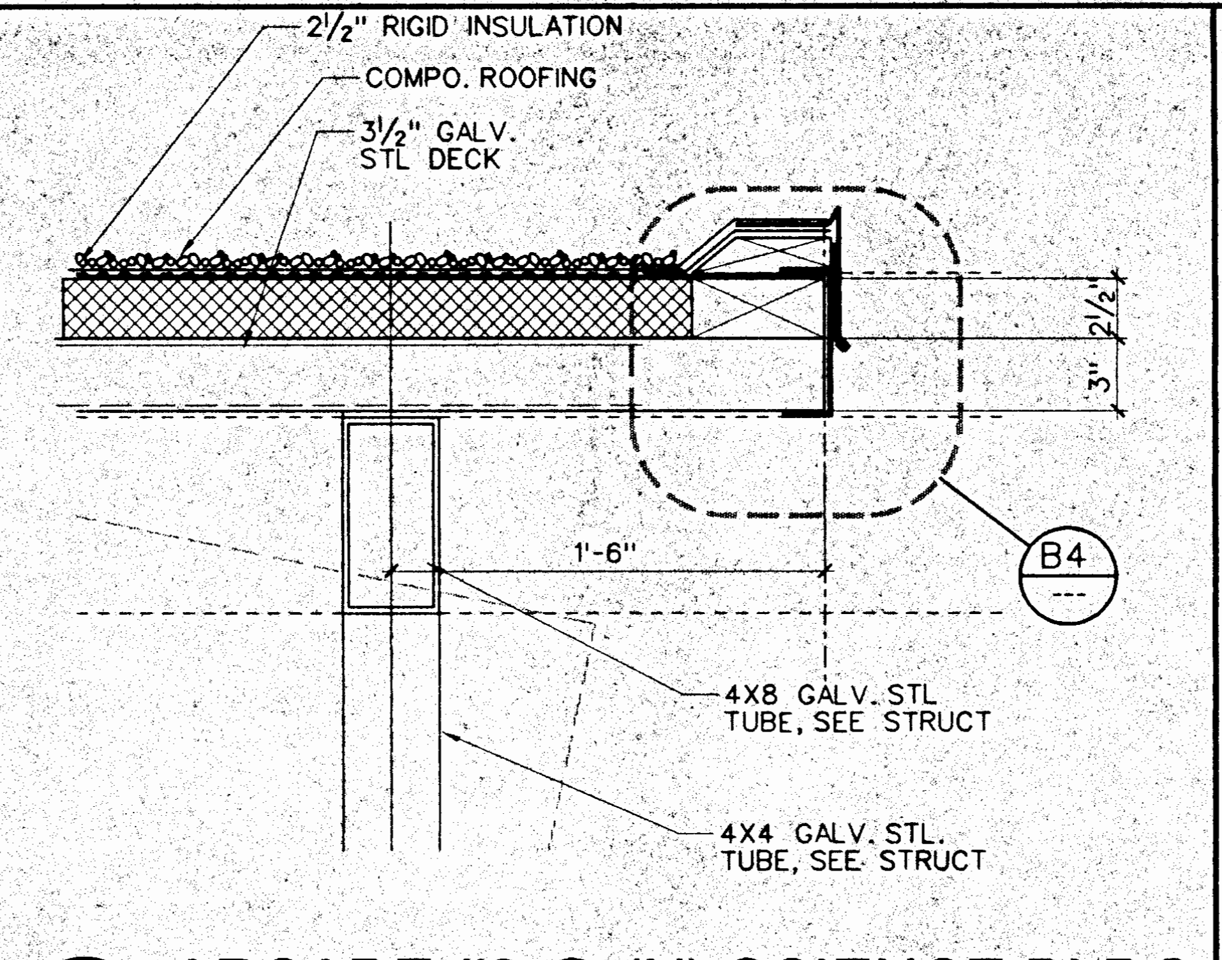
A2 ARCADE #1 @ (N) BLDG.
3/4"-1'-0" mmdet017.dgn


4X8 GALV. STL BEAM
B4 / ---
ARCADE #1
3'-0"
REMOVE (E) GRAVEL FOR 6'-0"
REMOVE ROOFING FOR 3'-0"
R & R PLYWOOD, MATCH EXIST.
PATCH ROOFING
(N) 2X8 SCAB TO EXIST. SEE STRUCT.
1'-6"
C5 / ---
PROVIDE (N) BLK'G. & ROOF SHEATHING
CUT & MODIFY (E) ARCADE & DRAIN AND D.S.
2'-5" FIELD VERIFY
PATCH (E) PLASTERT
(E) STL COL. & BM. TO REMAIN.
1'-6"
(N) 4X4 GALV. STL COL.

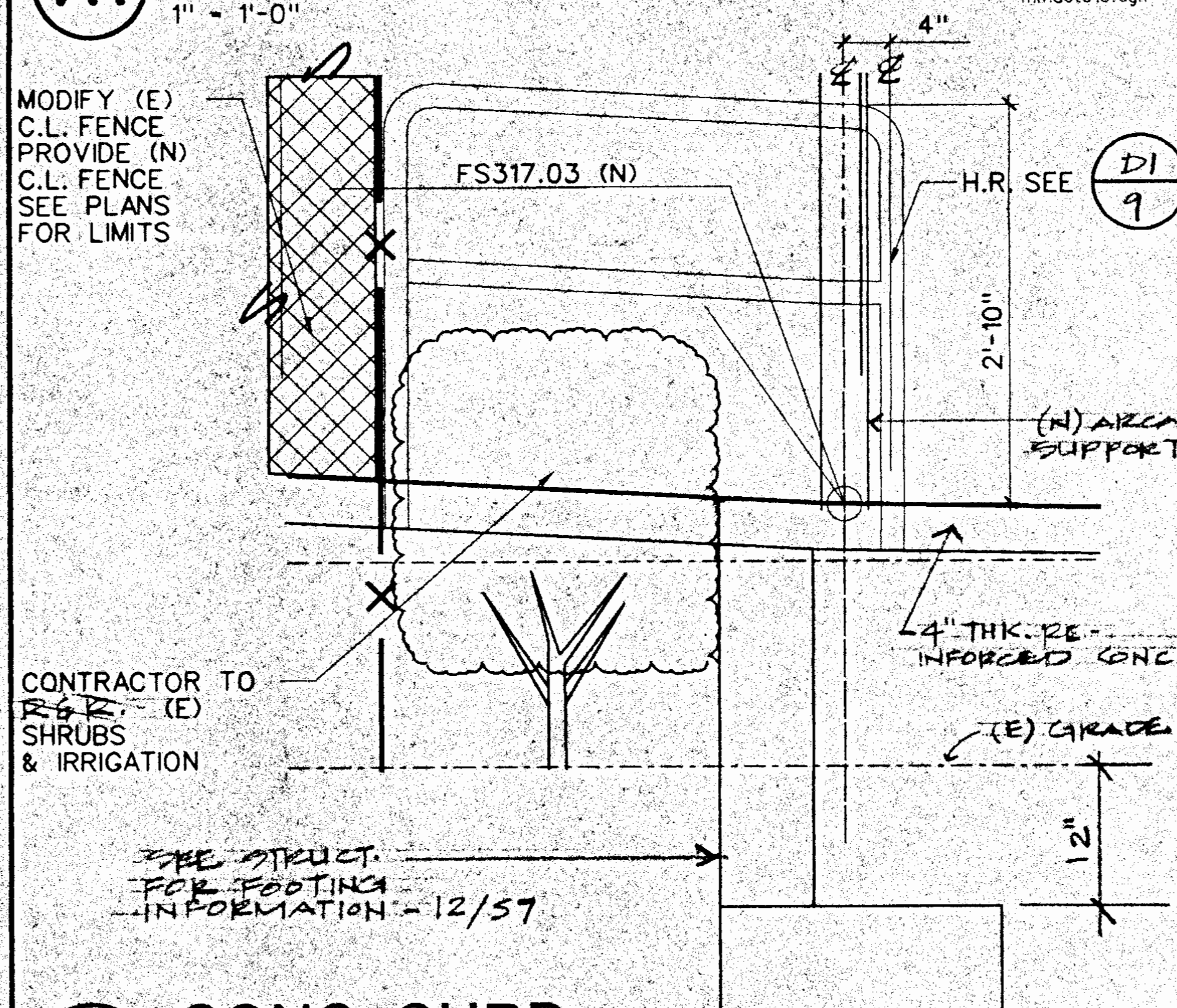
A3 (N) ARCADE @ (E) ARCADE
¾"-1'-0" mmdet018.dgn



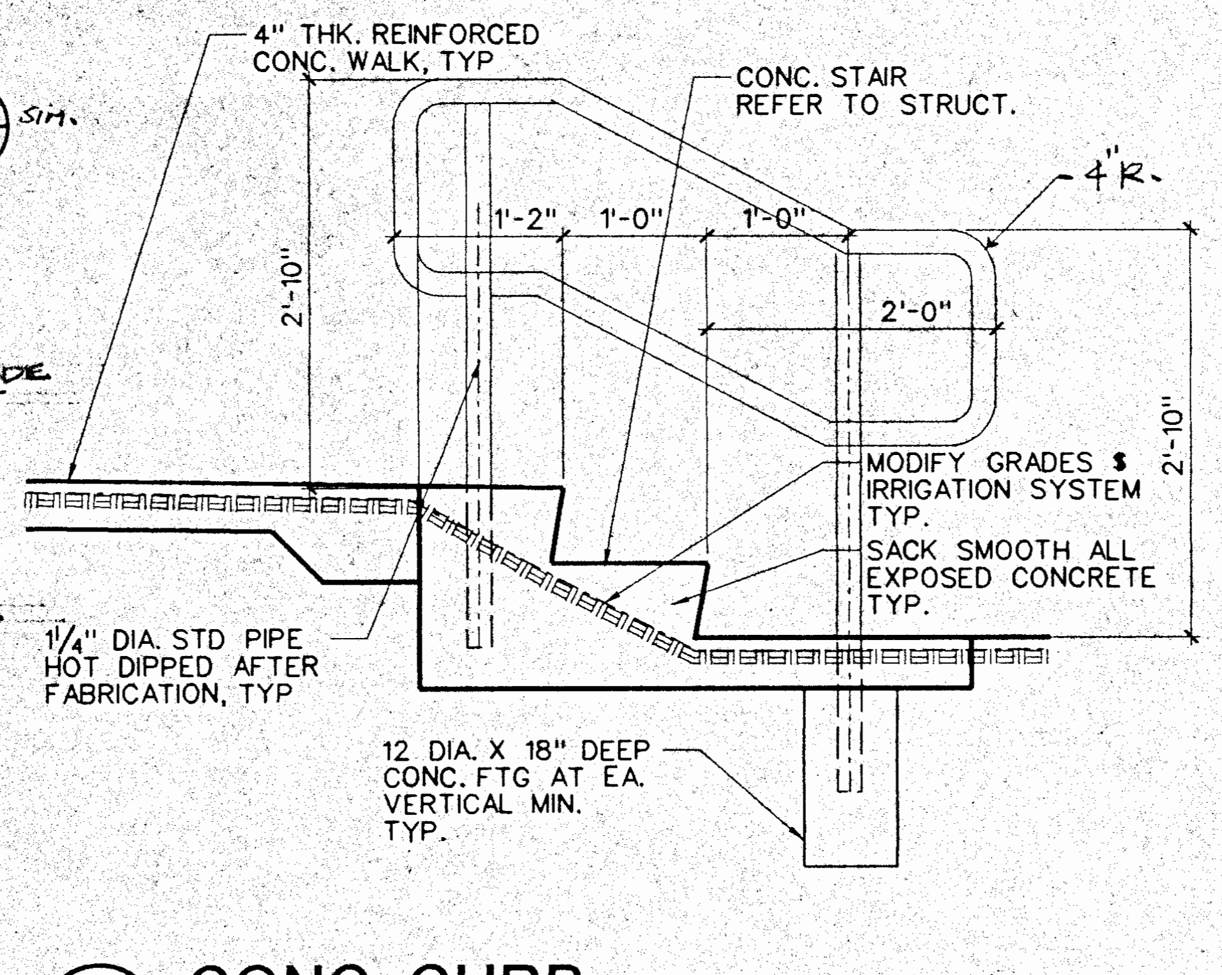
A4 ARCADE #1 @ (N) SCIENCE BLDG.
3/4"-1'-0" mmdet019.dgn



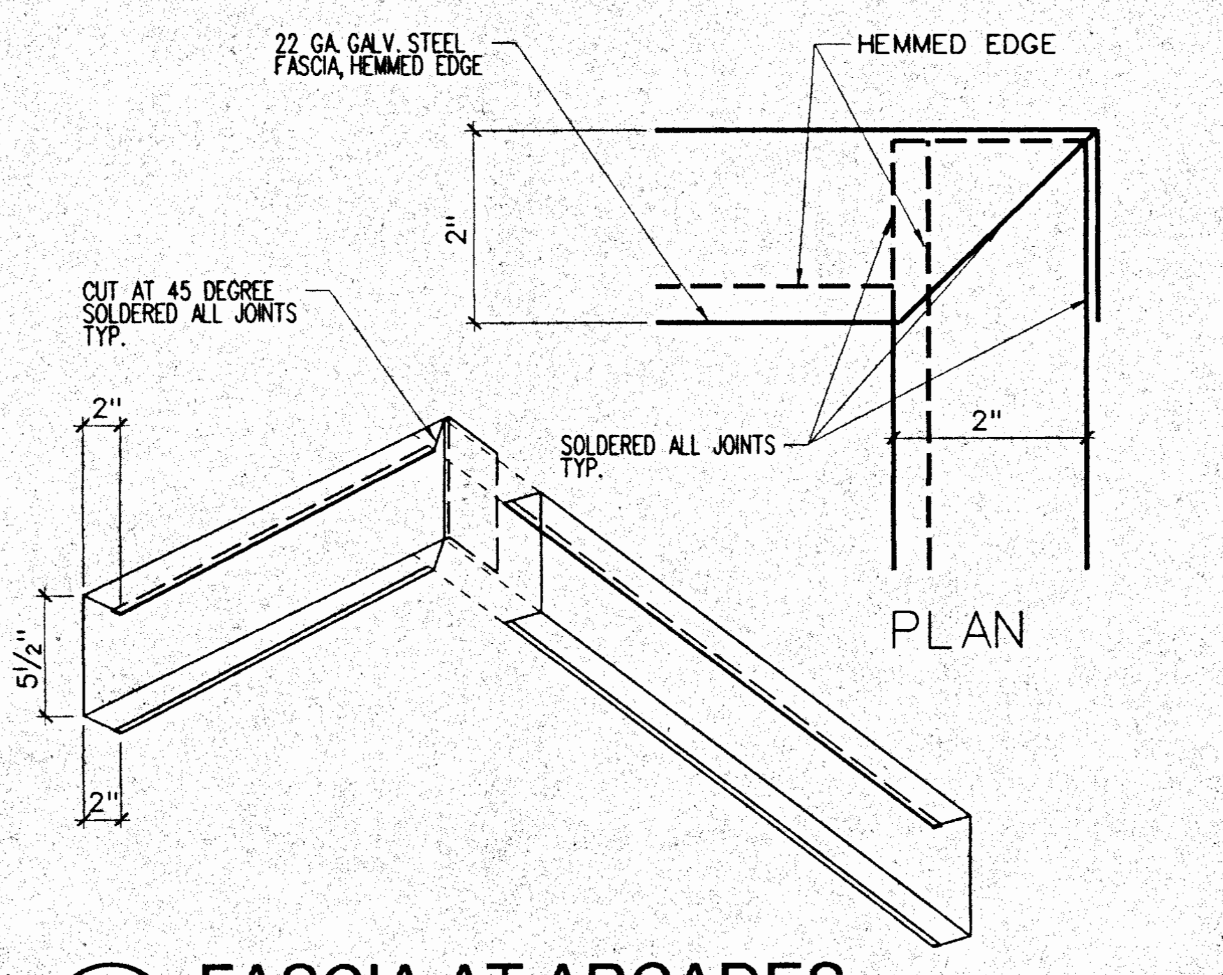
A5 ARCADE #2 @ (N) SCIENCE BLDG.
1½"-1'-0" mmdet020.dgn


4"
MODIFY (E) C.L. FENCE PROVIDE (N) C.L. FENCE SEE PLANS FOR LIMITS
FS317.03 (N)
H.R. SEE D1 / 9 SIM.
2'-10"
(N) ARCADE SUPPORT
4" THK. RE-INFORCED CONC.
CONTRACTOR TO ~~R&R~~ (E) SHRUBS & IRRIGATION
(E) GRADE
12"
SEE STRUCT. FOR FOOTING INFORMATION - 12/57

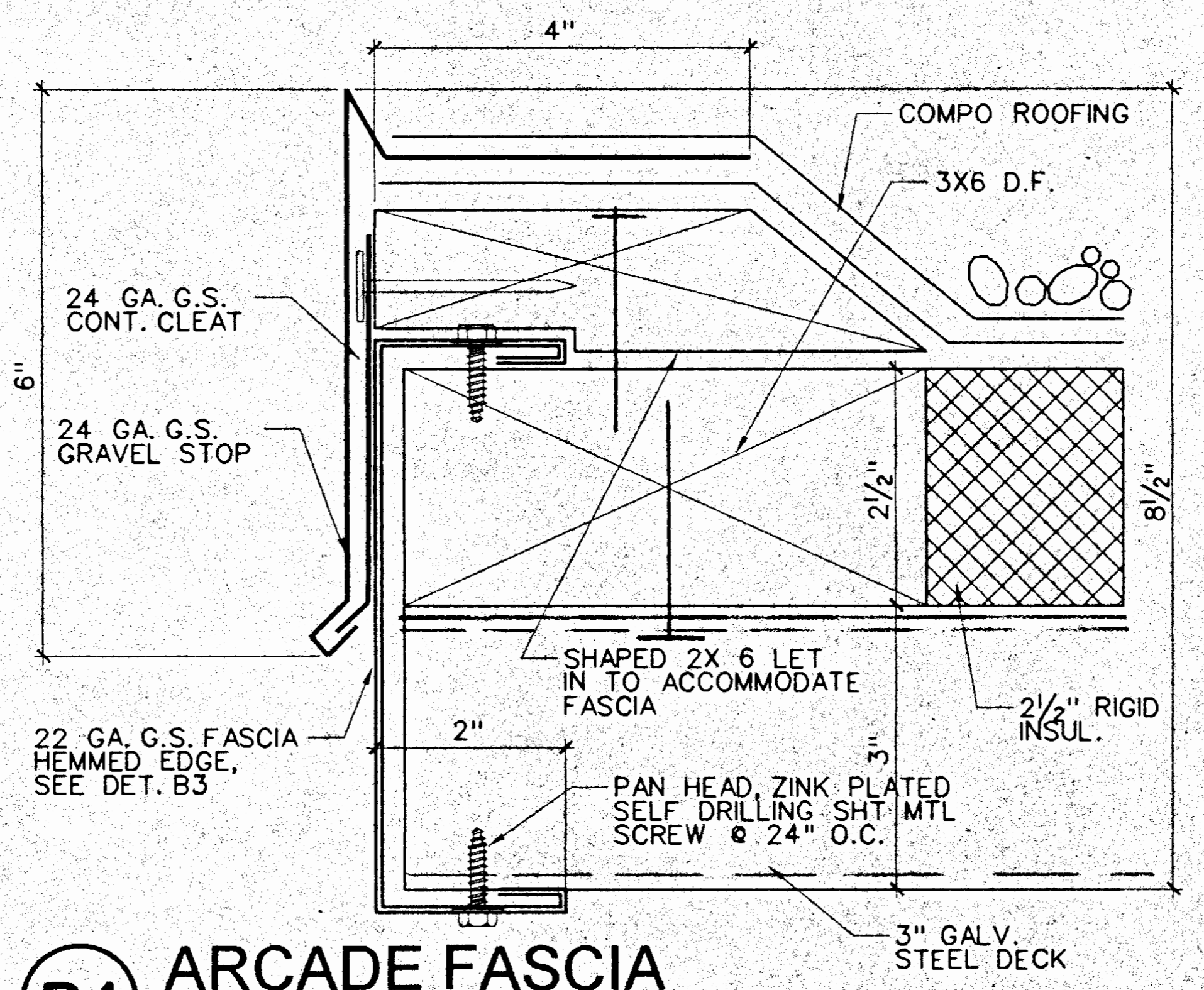
B1 CONC. CURB
3/4"-1'-0" mmdet044.dgn


4" THK. REINFORCED CONC. WALK, TYP
CONC. STAIR REFER TO STRUCT.
4"R.
2'-10"
1'-2"
1'-0"
1'-0"
2'-0"
2'-10"
MODIFY GRADES $ IRRIGATION SYSTEM TYP.
SACK SMOOTH ALL EXPOSED CONCRETE TYP.
1¼" DIA. STD PIPE HOT DIPPED AFTER FABRICATION, TYP
12 DIA. X 18" DEEP CONC. FTG AT EA. VERTICAL MIN. TYP.

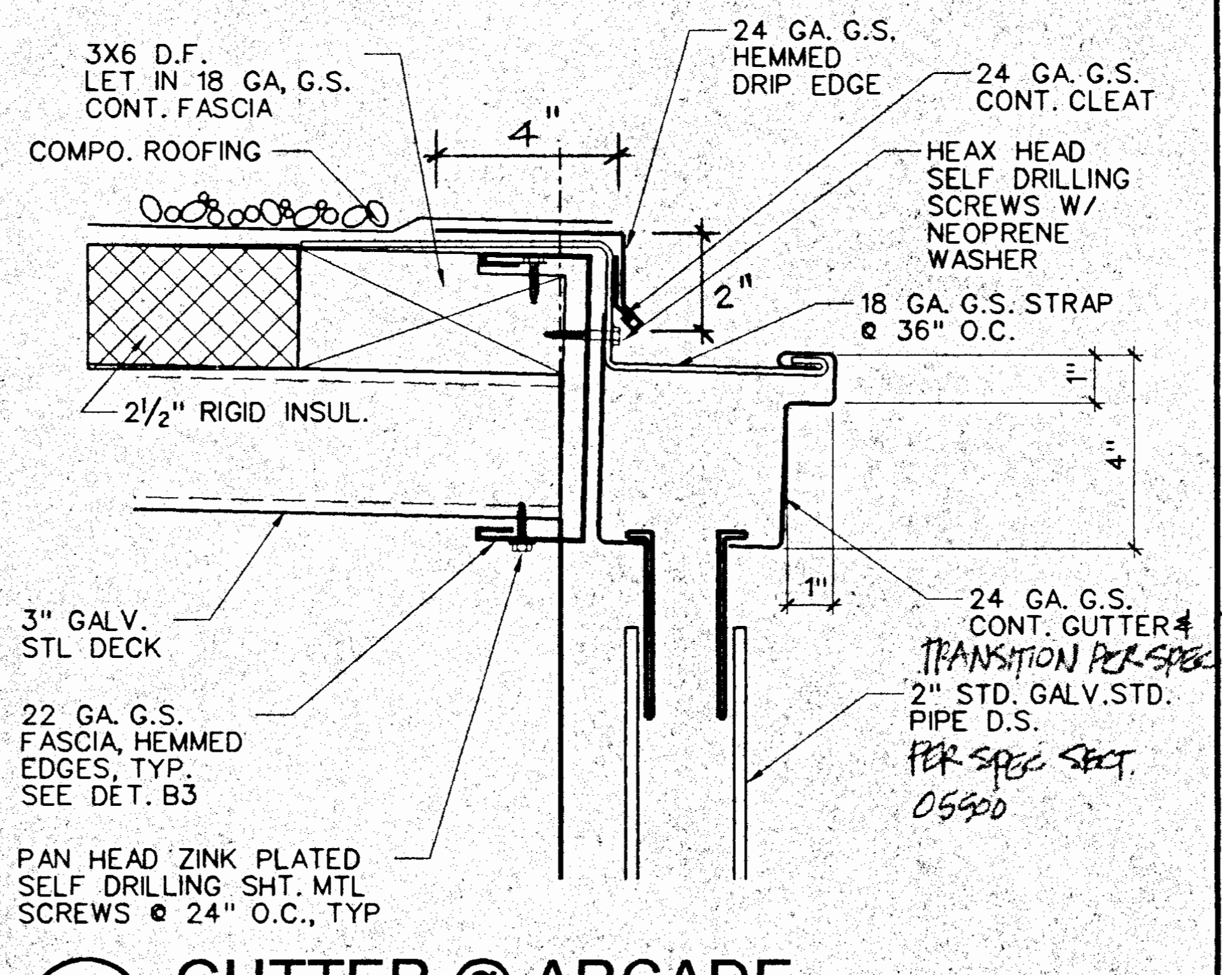
B2 CONC. CURB
3/4"-1'-0" mmdet076.dgn


22 GA. GALV. STEEL FASCIA, HEMMED EDGE
HEMMED EDGE
2"
CUT AT 45 DEGREE SOLDERED ALL JOINTS TYP.
SOLDERED ALL JOINTS TYP.
2"
2"
5½"
2"
PLAN

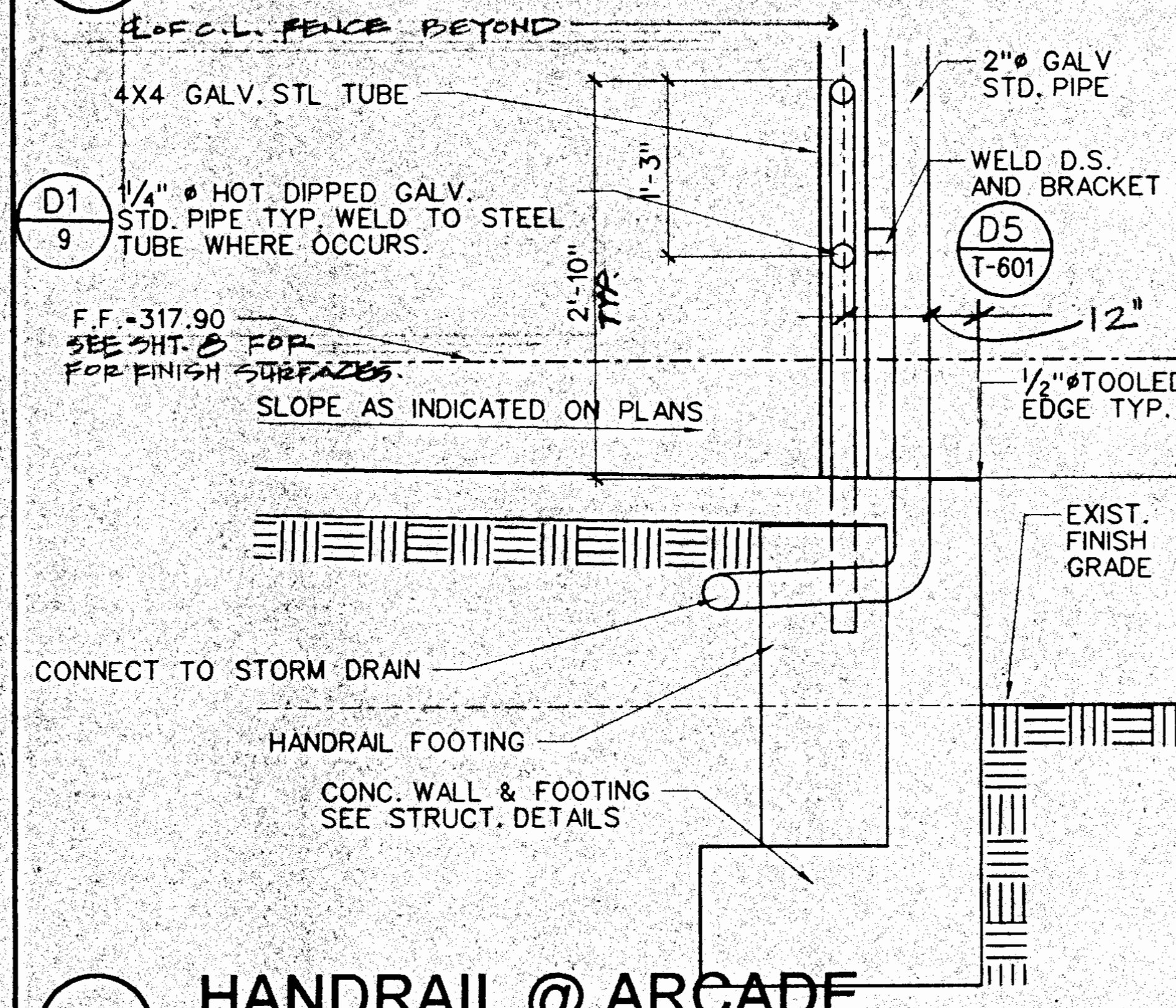
B3 FASCIA AT ARCADES
NO SCALE mmdet077.dgn


4"
COMPO ROOFING
3X6 D.F.
24 GA. G.S. CONT. CLEAT
6"
24 GA. G.S. GRAVEL STOP
2½"
8½"
SHAPED 2X 6 LET IN TO ACCOMMODATE FASCIA
2½" RIGID INSUL.
22 GA. G.S. FASCIA HEMMED EDGE, SEE DET. B3
2"
3"
PAN HEAD, ZINK PLATED SELF DRILLING SHT MTL SCREW @ 24" O.C.
3" GALV. STEEL DECK

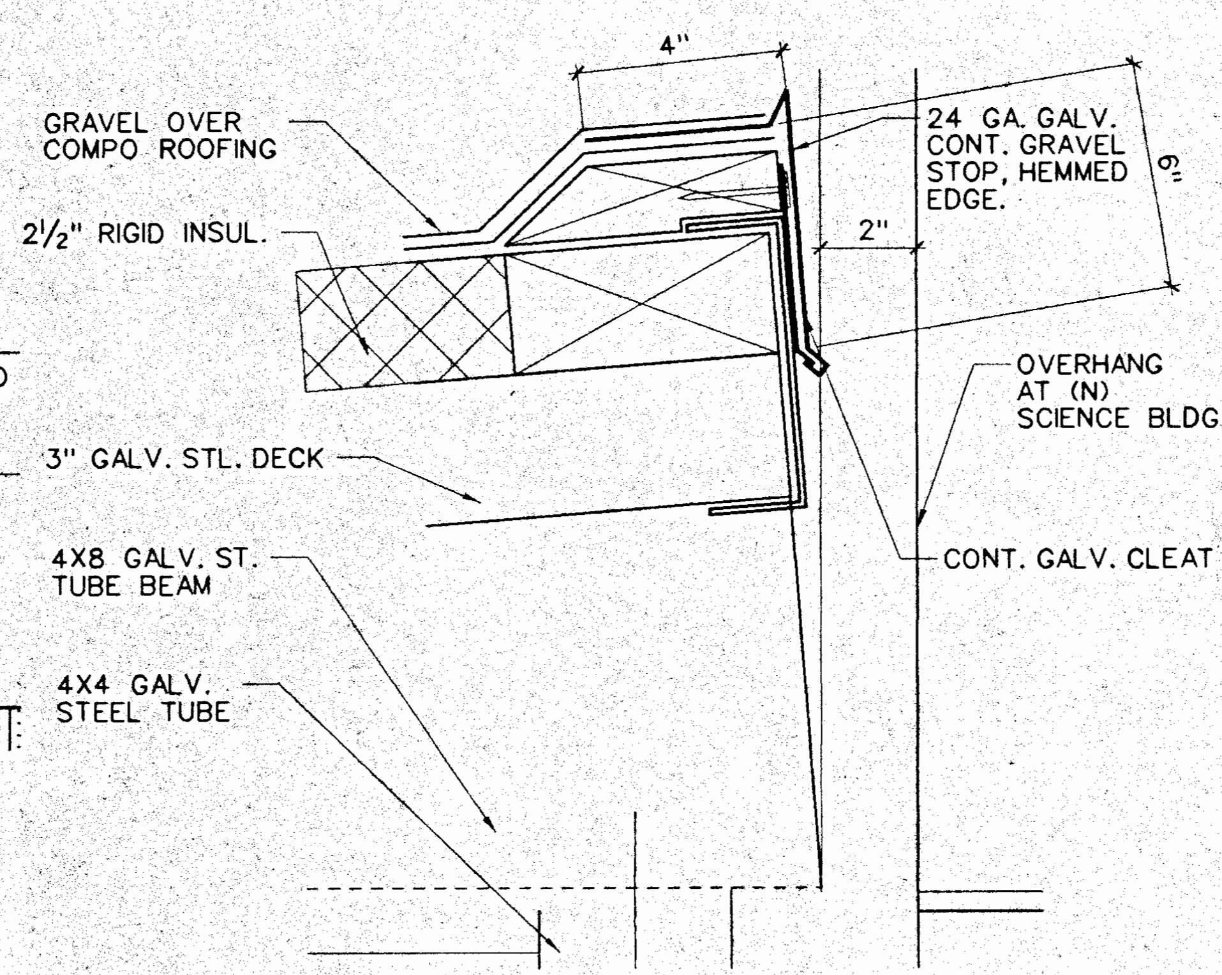
B4 ARCADE FASCIA
HALF SIZE mmdet043.dgn


3X6 D.F. LET IN 18 GA, G.S. CONT. FASCIA
COMPO. ROOFING
4"
24 GA. G.S. HEMMED DRIP EDGE
24 GA. G.S. CONT. CLEAT
HEAX HEAD SELF DRILLING SCREWS W/ NEOPRENE WASHER
2"
18 GA. G.S. STRAP @ 36" O.C.
2½" RIGID INSUL.
1"
4"
1"
3" GALV. STL DECK
24 GA. G.S. CONT. GUTTER & DS TRANSITION PER SPEC SECT 07600
2" STD. GALV.STD. PIPE D.S. PER SPEC SECT. 05500
22 GA. G.S. FASCIA, HEMMED EDGES, TYP. SEE DET. B3
PAN HEAD ZINK PLATED SELF DRILLING SHT. MTL SCREWS @ 24" O.C., TYP

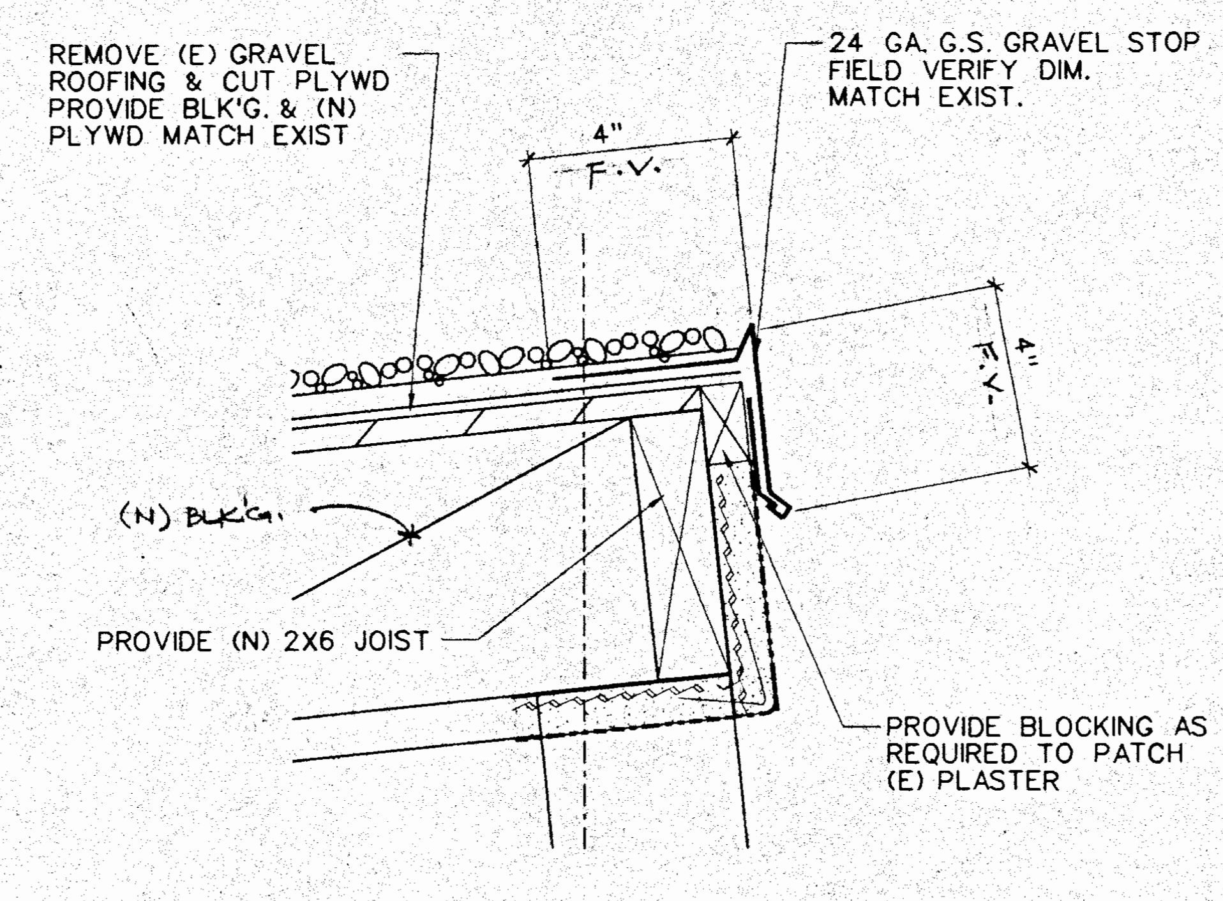
B5 GUTTER @ ARCADE
3"-1'-0" mmdet015.dgn



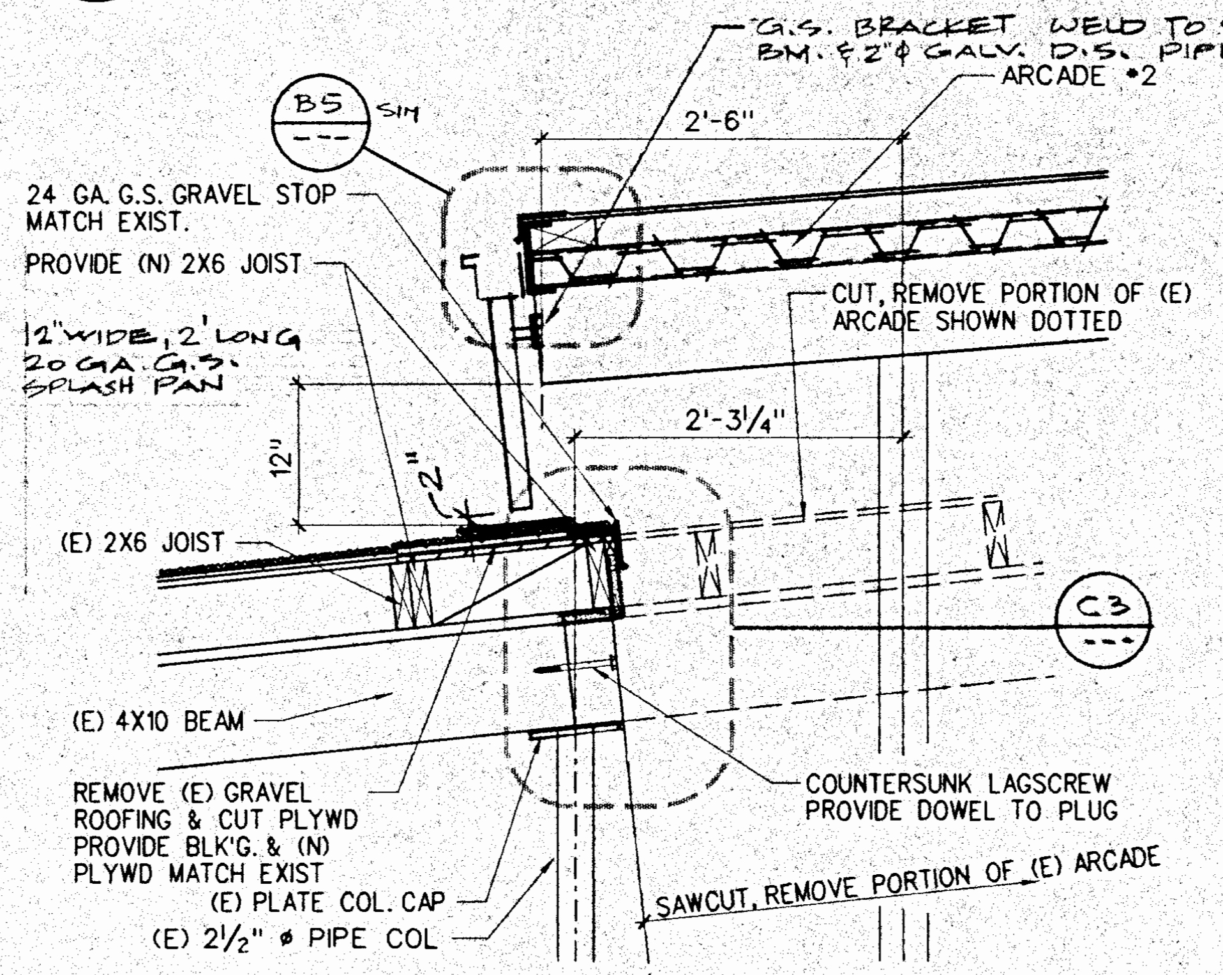
C1 HANDRAIL @ ARCADE
3/4"-1'-0" mmdet089.dgn



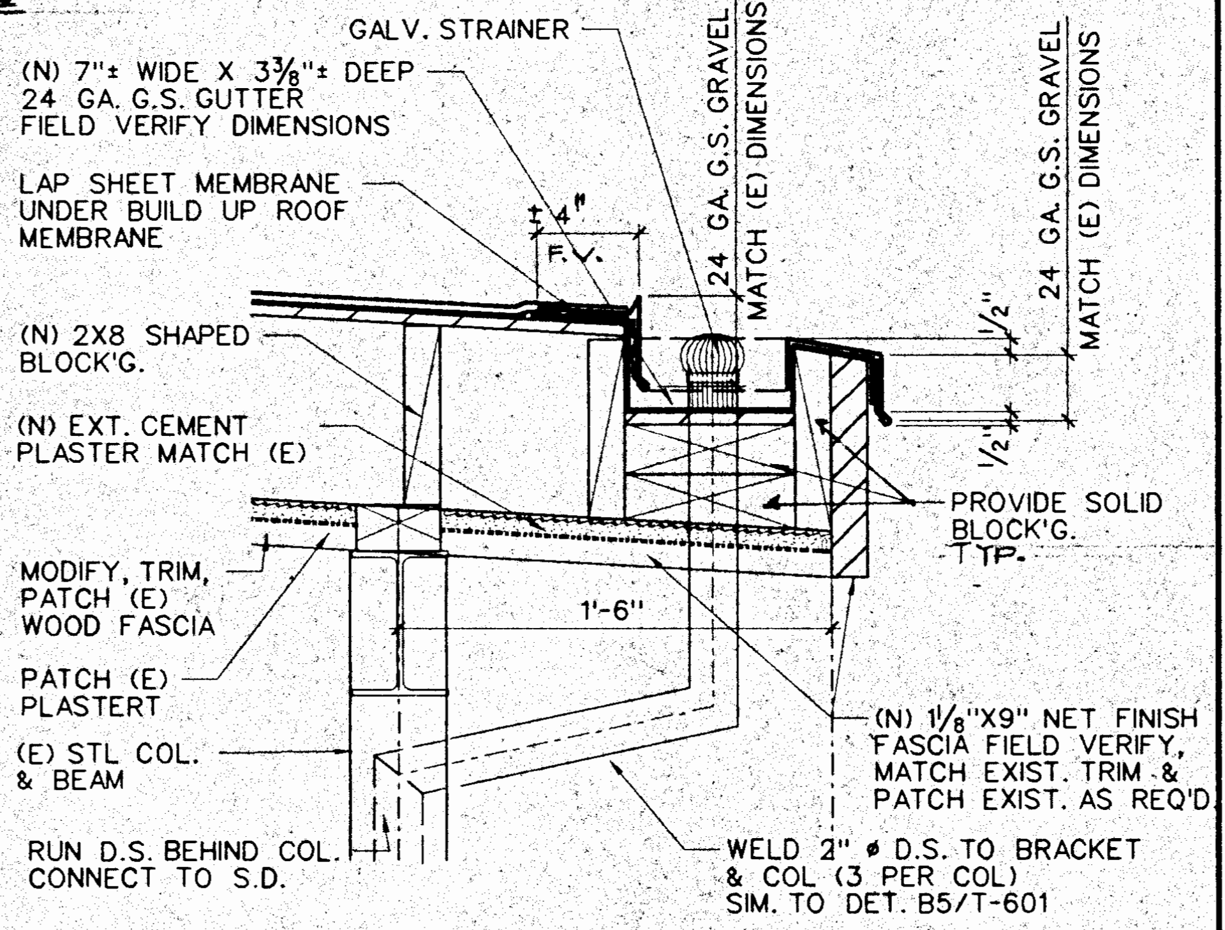
C2 GRAVEL STOP @ OVERHANG
3"-1'-0" mmdet088.dgn


REMOVE (E) GRAVEL ROOFING & CUT PLYWD PROVIDE BLK'G. & (N) PLYWD MATCH EXIST
24 GA. G.S. GRAVEL STOP FIELD VERIFY DIM. MATCH EXIST.
4" F.V.
4" F.V.
(N) BLK'G.
PROVIDE (N) 2X6 JOIST
PROVIDE BLOCKING AS REQUIRED TO PATCH (E) PLASTER

C3 GRAVEL STOP
3"-1'-0" mmdet080.dgn


G.S. BRACKET WELD TO STL. BM. & 2"ø GALV. D.S. PIPE
ARCADE #2
B5 / --- SIM
2'-6"
24 GA. G.S. GRAVEL STOP MATCH EXIST.
PROVIDE (N) 2X6 JOIST
CUT, REMOVE PORTION OF (E) ARCADE SHOWN DOTTED
12" WIDE, 2' LONG 20 GA. G.S. SPLASH PAN
12"
2"
2'-3¼"
(E) 2X6 JOIST
C3 / ---
(E) 4X10 BEAM
COUNTERSUNK LAGSCREW PROVIDE DOWEL TO PLUG
REMOVE (E) GRAVEL ROOFING & CUT PLYWD PROVIDE BLK'G. & (N) PLYWD MATCH EXIST
(E) PLATE COL. CAP
(E) 2½" ø PIPE COL
SAWCUT, REMOVE PORTION OF (E) ARCADE

C4 MODIFICATION @ (E) ARCADE
3/4"-1'-0" mmdet079.dgn


GALV. STRAINER
(N) 7"± WIDE X 3⅜"± DEEP 24 GA. G.S. GUTTER FIELD VERIFY DIMENSIONS
24 GA. G.S. GRAVEL MATCH (E) DIMENSIONS
24 GA. G.S. GRAVEL MATCH (E) DIMENSIONS
LAP SHEET MEMBRANE UNDER BUILD UP ROOF MEMBRANE
±4" F.V.
½"
½"
(N) 2X8 SHAPED BLOCK'G.
(N) EXT. CEMENT PLASTER MATCH (E)
PROVIDE SOLID BLOCK'G. TYP.
MODIFY, TRIM, PATCH (E) WOOD FASCIA
1'-6"
PATCH (E) PLASTERT
(E) STL COL. & BEAM
(N) 1⅛"X9" NET FINISH FASCIA FIELD VERIFY, MATCH EXIST. TRIM & PATCH EXIST. AS REQ'D.
RUN D.S. BEHIND COL. CONNECT TO S.D.
WELD 2" ø D.S. TO BRACKET & COL (3 PER COL) SIM. TO DET. B5/T-601

C5 MODIFICATION @ (E) ARCADE
1½"-1'-0" mmdet078.dgn

ARCADE DETAILS

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 666 1265

LICENSED ARCHITECT
TAMARA K. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

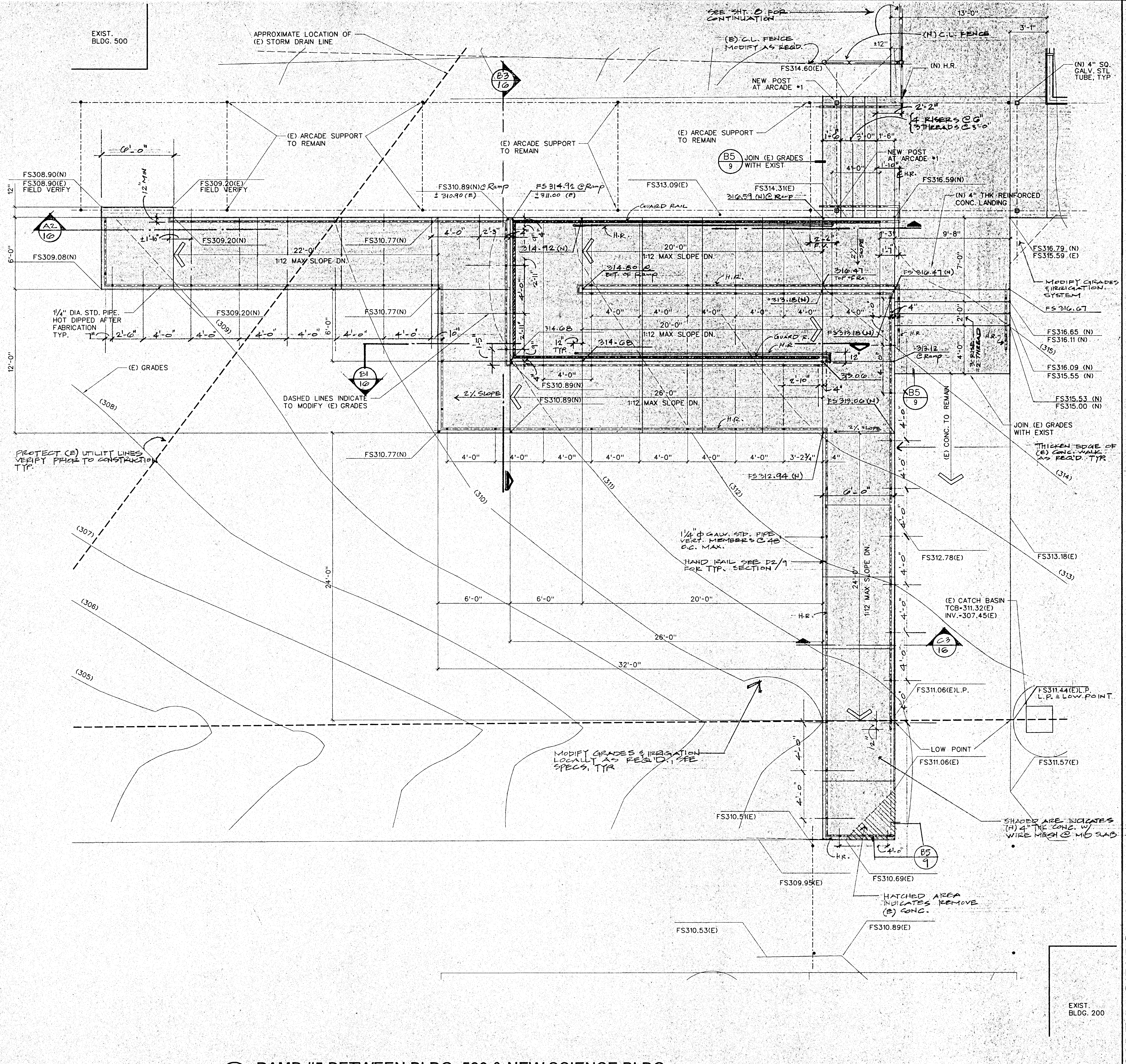
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC *ci* FLS ____ SS ____
DATE DEC 3 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	13
BINDING ORDER	14 OF 82

d:\grossmont\9822-1\13.tbt Dec. 12, 1999 13:22:37


EXIST. BLDG. 500
APPROXIMATE LOCATION OF (E) STORM DRAIN LINE
B3 16
(E) ARCADE SUPPORT TO REMAIN
6'-0"
12" MIN
FS308.90(N)
FS308.90(E) FIELD VERIFY
FS309.20(E) FIELD VERIFY
FS310.89(N)@Ramp ±310.90(E)
FS 314.92 @Ramp ±311.00 (E)
FS313.09(E)
GUARD RAIL
A2 16
±1'-10"
FS309.20(N)
22'-0"
1:12 MAX SLOPE DN.
FS310.77(N)
FS309.08(N)
1¼" DIA. STD. PIPE. HOT DIPPED AFTER FABRICATION TYP.
7" 2'-6" 4'-0" 4'-0" 4'-0" 4'-0" 4'-0" 4'-0" 10"
(E) GRADES
B1 16
DASHED LINES INDICATE TO MODIFY (E) GRADES
PROTECT (E) UTILITY LINES VERIFY PRIOR TO CONSTRUCTION TYP.
12" 6'-0" 12'-0" 24'-0"
(307) (308) (309) (310) (311) (312) (313) (314) (315) (305) (306)
314.92 (N)
314.80 @ BOT. OF Ramp
314.68
12" TYP.
2'-11" 4'-0" 2'-3" 4" 9" 1'-5"
H.R.
20'-0"
316.47 TOP OF RA
313.18(N)
FS313.18(N)
GUARD R.
26'-0"
FS310.89(N)
2% SLOPE
313.12 @Ramp
313.06
2'-10"
FS313.06(N)
FS312.94 (N)
4'-0" 4'-0" 4'-0" 4'-0" 4'-0" 4'-0" 4'-0" 3'-2¾" 4"
SEE SHT. 8 FOR CONTINUATION
13'-0"
3'-1"
(E) C.L. FENCE MODIFY AS REQD.
(N) C.L. FENCE
±12"
FS314.60(E)
(N) H.R.
NEW POST AT ARCADE #1
(N) 4" SQ. GALV. STL TUBE, TYP
2'-2"
4 RISERS @ 6" 3 THREADS @ 3'-0"
1'-6" 3'-0" 1'-6"
B5 9 JOIN (E) GRADES WITH EXIST
4'-0" 1'-10" ℄ H.R.
FS314.31(E)
316.59 (N)@ Ramp
FS316.59(N)
(N) 4" THK REINFORCED CONC. LANDING
2'-2" F.V.
2% SLOPE
1'-3" 1'-7" 9'-8" 7'-0"
FS 316.47 (N)
FS316.79 (N) FS315.59 (E)
MODIFY GRADES & IRRIGATION. SYSTEM
FS 316.67
FS316.65 (N) FS316.11 (N)
FS316.09 (N) FS315.55 (N)
FS315.53 (N) FS315.00 (N)
3 RISE 2 THREAD
JOIN (E) GRADES WITH EXIST
THICKEN EDGE OF (E) CONC. WALK AS REQ'D. TYP.
(E) CONC. TO REMAIN
6'-0"
1¼" ϕ GALV. STD. PIPE VERT. MEMBERS @ 48" O.C. MAX.
HAND RAIL SEE D2/9 FOR TYP. SECTION
FS312.78(E)
FS313.18(E)
24'-0" 1:12 MAX SLOPE DN.
6'-0" 20'-0" 26'-0" 32'-0"
(E) CATCH BASIN TCB-311.32(E) INV.-307.45(E)
C3 16
FS311.06(E)L.P.
FS311.44(E)L.P. L.P. = LOW POINT
LOW POINT
FS311.06(E)
FS311.57(E)
MODIFY GRADES & IRRIGATION LOCALLY AS REQ'D., SEE SPECS, TYP.
FS310.51(E)
SHADED ARE INDICATES (N) 4" THK CONC. W/ WIRE MESH @ MID SLAB
B5 9
FS309.95(E)
FS310.69(E)
HATCHED AREA INDICATES REMOVE (E) CONC.
FS310.53(E)
FS310.89(E)
EXIST. BLDG. 200

D3 RAMP #5 BETWEEN BLDG. 500 & NEW SCIENCE BLDG.

1/4"=1'-0"

ARCADE #5 @ BLDG. 500

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

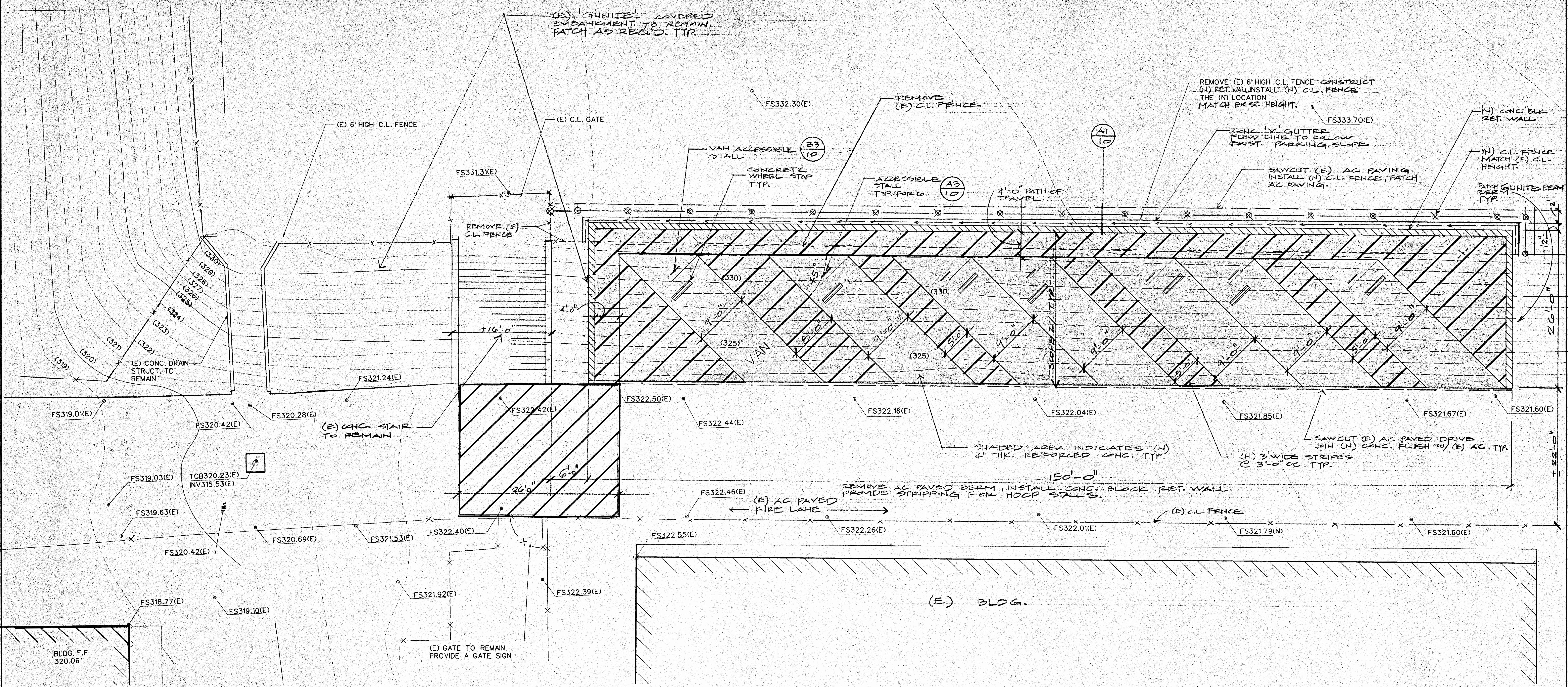
CARMICHAEL-KEMP
ARCHITECTS
AIA

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 20
STATE OF CALIFORNIA

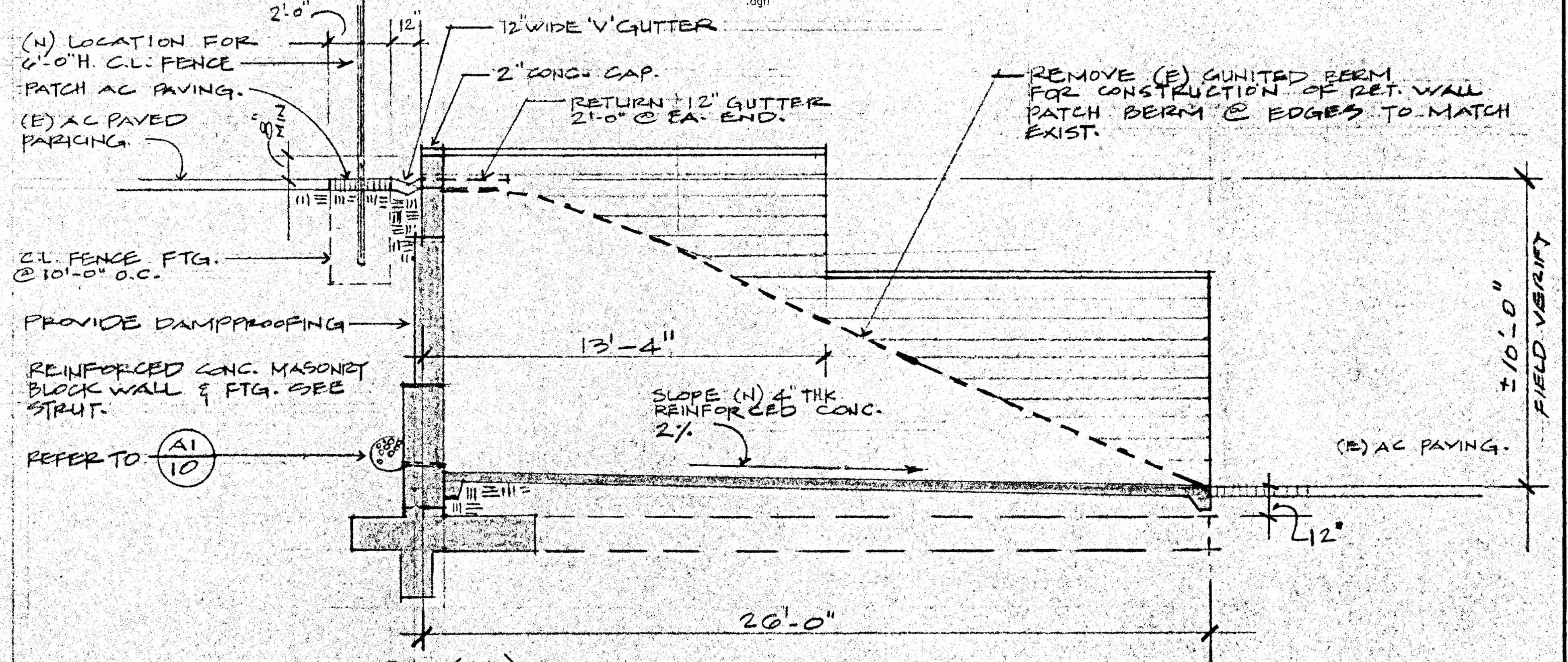
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Gi FLS SS
DATE DEC 1 4 1999

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	14
BINDING ORDER	15 OF 82

g:\grosmont\9822-1\14.sht Dec. 12, 1999 14:47:07


(E) 'GUNITE' COVERED EMBANKMENT TO REMAIN. PATCH AS REQ'D. TYP.
(E) 6' HIGH C.L. FENCE
(E) C.L. GATE
FS331.31(E)
FS332.30(E)
REMOVE (E) C.L. FENCE
VAN ACCESSIBLE STALL B3/10
CONCRETE WHEEL STOP TYP.
ACCESSIBLE STALL TYP. FOR 6 A3/10
4'-0" PATH OF TRAVEL
A1/10
REMOVE (E) 6' HIGH C.L. FENCE CONSTRUCT (N) RET. WALL INSTALL (N) C.L. FENCE THE (N) LOCATION MATCH EXIST. HEIGHT.
FS333.70(E)
CONC. 'V' GUTTER FLOW LINE TO FOLLOW EXIST. PARKING SLOPE
SAWCUT (E) AC PAVING. INSTALL (N) C.L. FENCE, PATCH AC PAVING.
(N) CONC. BLK. RET. WALL
(N) C.L. FENCE MATCH (E) C.L. HEIGHT.
PATCH GUNITE BERM BERM TYP.
REMOVE (E) C.L. FENCE
(330)
(329)
(328)
(327)
(326)
(325)
(324)
(323)
(322)
(321)
(320)
(319)
(E) CONC. DRAIN STRUCT. TO REMAIN
4'-0"
±16'-0"
VAN
8'-0"
9'-0"
5'-0"
45°
SLOPE 2% TYP.
26'-0"
12"
2"
FS321.24(E)
FS319.01(E)
FS320.42(E)
FS320.28(E)
(E) CONC. STAIR TO REMAIN
FS322.42(E)
6'-0"
26'-0"
FS322.50(E)
FS322.44(E)
FS322.16(E)
FS322.04(E)
FS321.85(E)
FS321.67(E)
FS321.60(E)
SHADED AREA INDICATES (N) 4" THK. REIFORCED CONC. TYP.
(N) 3" WIDE STRIPES @ 3'-0" OC. TYP.
SAWCUT (E) AC PAVED DRIVE JOIN (N) CONC. FLUSH W/ (E) AC. TYP.
150'-0"
±22'-0"
REMOVE AC PAVED BERM, INSTALL CONC. BLOCK RET. WALL PROVIDE STRIPPING FOR HDCP STALLS.
FS322.46(E)
(E) AC PAVED FIRE LANE
(E) C.L. FENCE
FS322.26(E)
FS322.01(E)
FS321.79(N)
FS321.60(E)
FS322.55(E)
(E) BLDG.
TCB320.23(E)
INV315.53(E)
FS319.03(E)
FS319.63(E)
FS320.69(E)
FS321.53(E)
FS322.40(E)
FS320.42(E)
FS321.92(E)
FS322.39(E)
FS318.77(E)
FS319.10(E)
BLDG. F.F 320.06
(E) GATE TO REMAIN. PROVIDE A GATE SIGN

C2 HDCP PARKING ~~STALLS~~ AT WEST SIDE AND (N) RETAINING WALL
1/8"=1'-0"


.dgn
2'-0"
12"
(N) LOCATION FOR 6'-0"H. C.L. FENCE
PATCH AC PAVING.
(E) AC PAVED PARKING.
8" MIN.
12" WIDE 'V' GUTTER
2" CONC. CAP.
RETURN 12" GUTTER 2'-0" @ EA. END.
REMOVE (E) GUNITED BERM FOR CONSTRUCTION OF RET. WALL PATCH BERM @ EDGES TO MATCH EXIST.
C.L. FENCE FTG. @ 10'-0" O.C.
PROVIDE DAMPPROOFING
REINFORCED CONC. MASONRY BLOCK WALL & FTG. SEE STRUT.
REFER TO A1/10
13'-4"
SLOPE (N) 4" THK. REINFORCED CONC. 2%
(E) AC PAVING.
±10'-0" FIELD VERIFY
12"
26'-0"

D4 SECTION @ (N) RET. WALL
1/4"=1'-0"

a \grosmont\9822-1-15.dgn Dec. 10, 1999 18:42:05

HDCP PARKING AND RAMP AT THE WEST SIDE

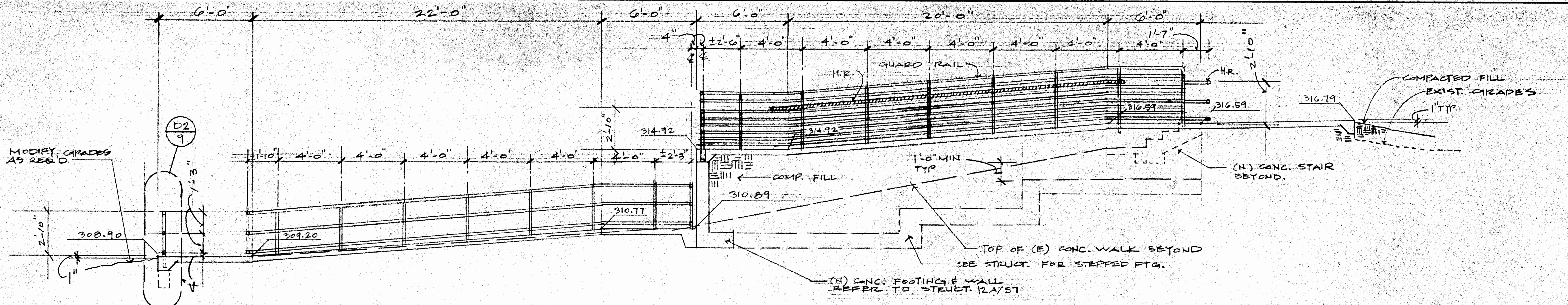
NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC *Li* FLS ___ SS ___
DATE DEC 1 4 1999

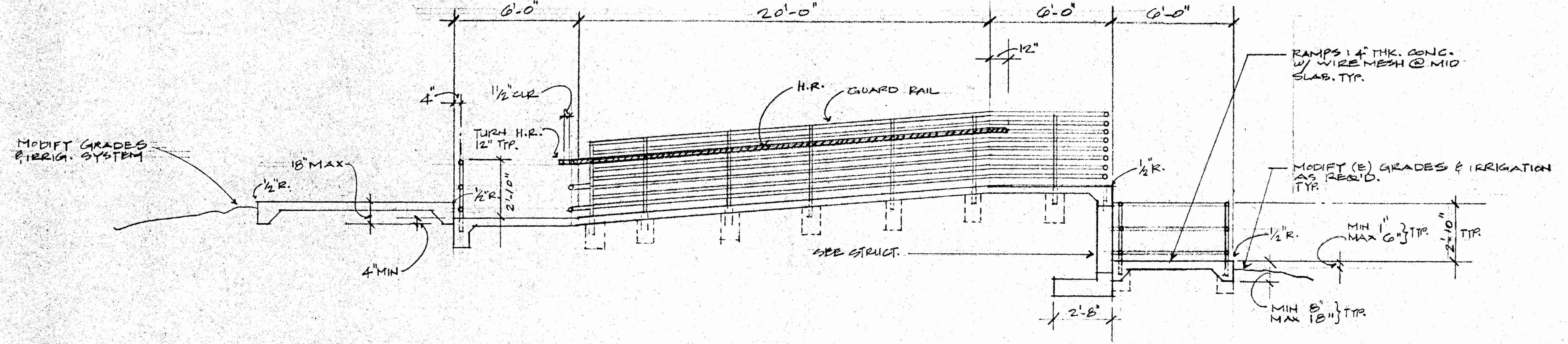
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES CA 90039 (323) 666 1265

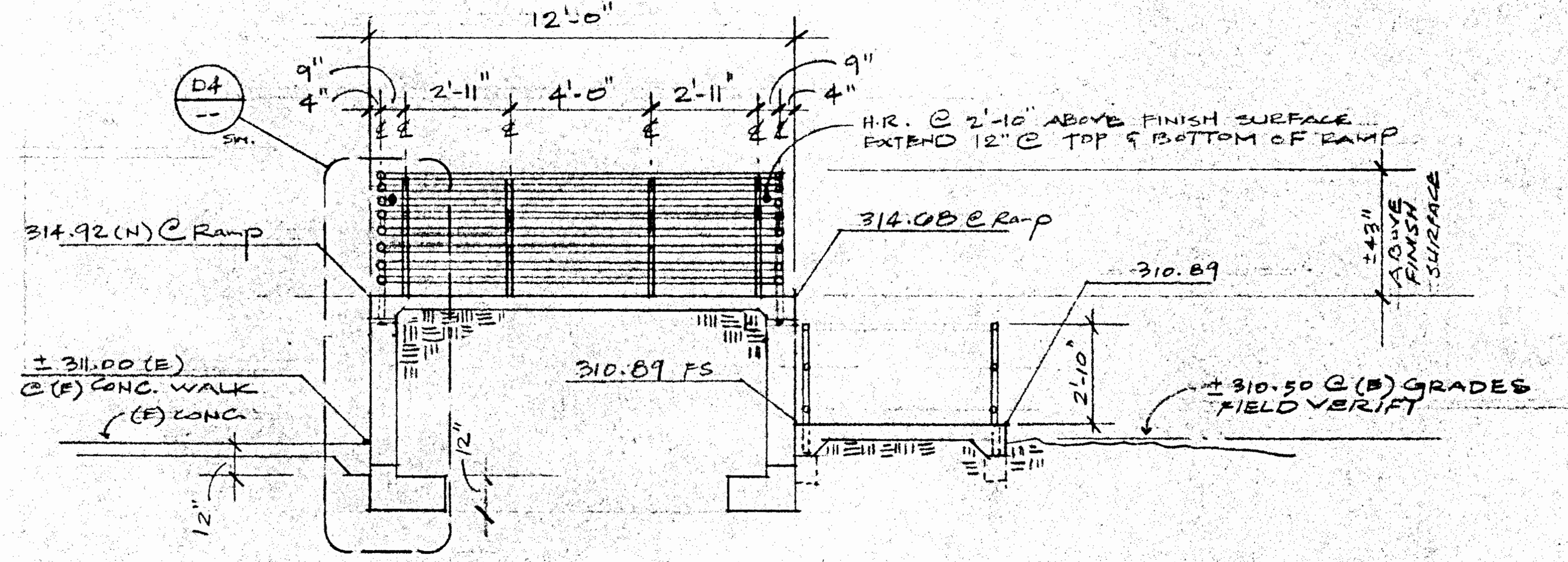
JOB NO 9822-1
DATE: 12-14-99
SHEET NUMBER
15
BINDING ORDER 16 OF 82



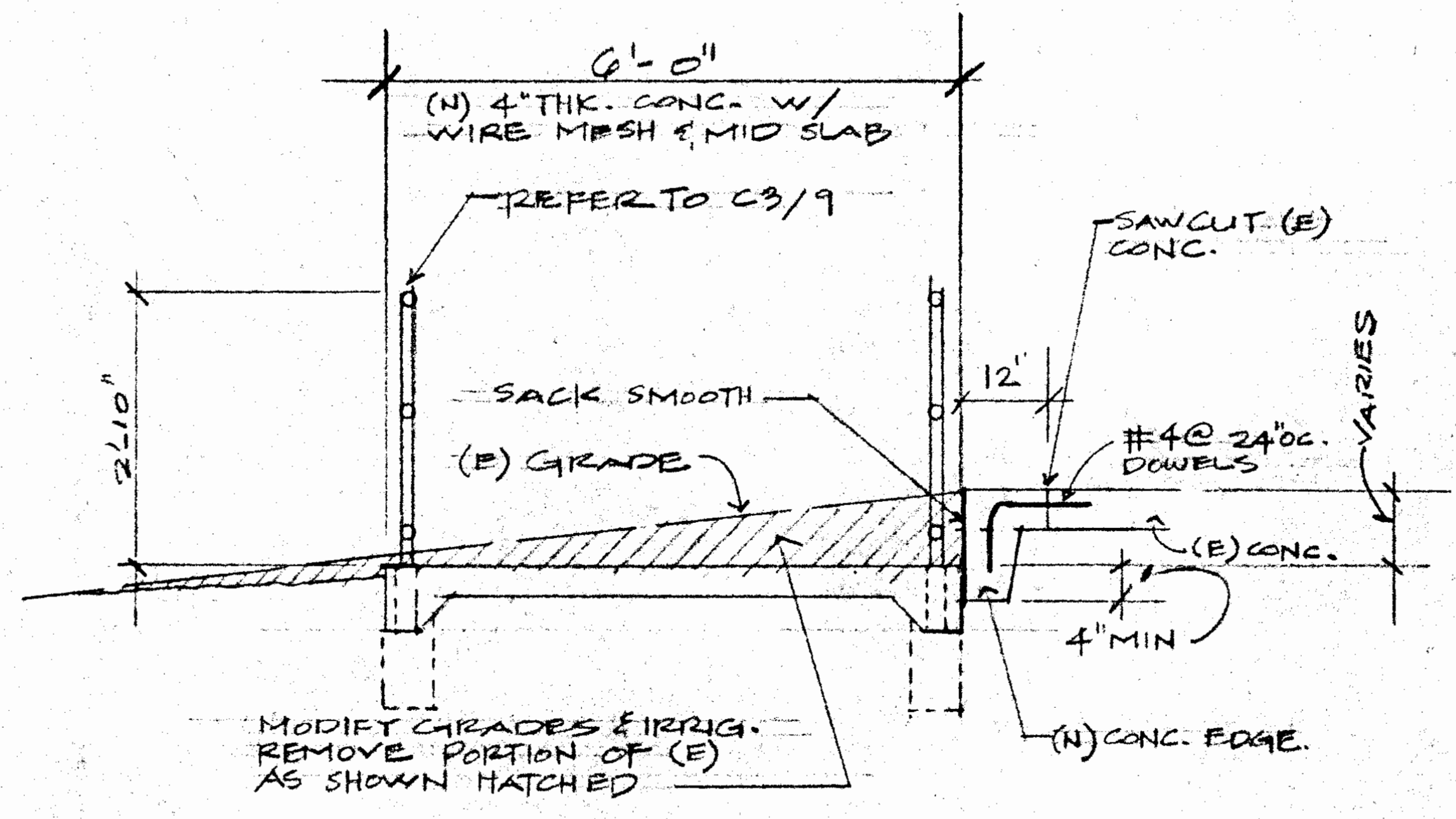
A2 SECTION - RAMP #5
1/4"=1'-0"



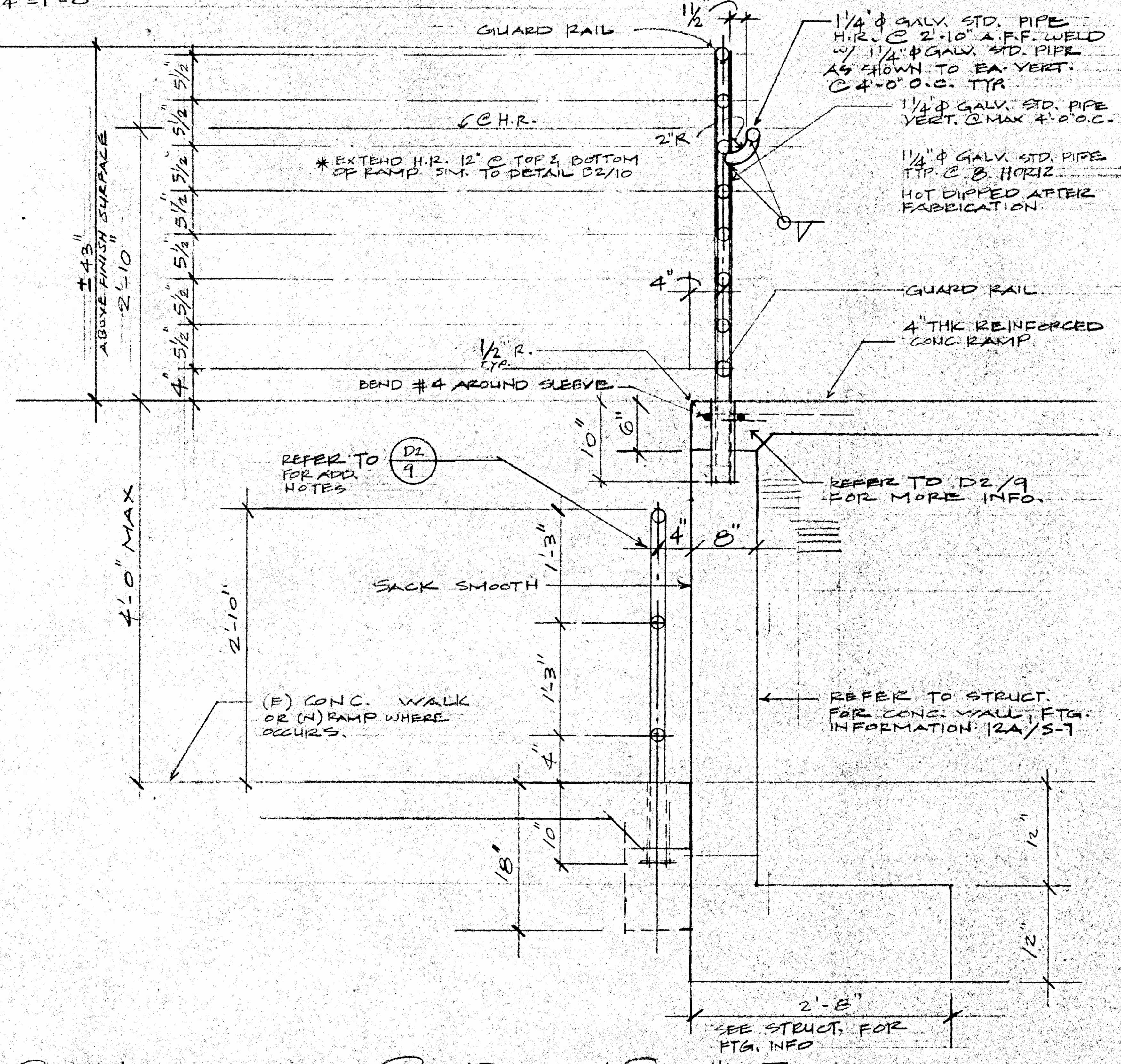
B1 SECTION @ RAMP #5
1/4"=1'-0"


12'-0"
9"
4"
2'-11"
4'-0"
2'-11"
9"
4"
D4
--
SIM.
H.R. @ 2'-10" ABOVE FINISH SURFACE EXTEND 12" @ TOP & BOTTOM OF RAMP
314.92 (N) @ Ramp
314.08 @ Ramp
±43" ABOVE FINISH SURFACE
310.89
±311.00 (E) @ (E) CONC. WALK
(E) CONC.
310.89 FS
2'-10"
±310.50 @ (E) GRADES FIELD VERIFY
12"
12"

B3 SECTION @ RAMP #5
1/4"=1'-0"



C3 (N) CONC. RAMP @ (E) CONC. TTR
1/2"=1'-0"


1½"
GUARD RAIL
1¼"ϕ GALV. STD. PIPE H.R. @ 2'-10" A.F.F. WELD W/ 1¼"ϕ GALV. STD. PIPE AS SHOWN TO EA. VERT. @ 4'-0" O.C. TYP.
1¼"ϕ GALV. STD. PIPE VERT. @ MAX 4'-0" O.C.
1¼"ϕ GALV. STD. PIPE TYP. @ 8 HORIZ.
HOT DIPPED AFTER FABRICATION.
℄ @ H.R.
2"R
* EXTEND H.R. 12" @ TOP & BOTTOM OF RAMP. SIM. TO DETAIL D2/10
±43" ABOVE FINISH SURFACE
2'-10"
5½"
5½"
5½"
5½"
5½"
5½"
5½"
4"
4"
GUARD RAIL
4" THK. REINFORCED CONC. RAMP.
½"R. TYP.
BEND #4 AROUND SLEEVE
10"
6"
REFER TO D2/9 FOR ADD. NOTES
REFER TO D2/9 FOR MORE INFO.
4'-0" MAX
4"
8"
1'-3"
SACK SMOOTH
2'-10"
1'-3"
(E) CONC. WALK OR (N) RAMP WHERE OCCURS.
4"
REFER TO STRUCT. FOR CONC. WALL, FTG. INFORMATION 12A/S-7
10"
18"
12"
12"
2'-8"
SEE STRUCT. FOR FTG. INFO.

D4 CONC. WALL @ RAMP #5
1"=1'-0"

CARMICHAEL-KEMP
ARCHITECTS AIA
2370 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC *Ci* FLS ____ SS ____
DATE DEC 1 4 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

SECTION - ARCADE #5 @ BLDG. 500

JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
16
BINDING ORDER 17-OF 82

g:\grosmont\9822-1\16.sht Dec. 12, 1999 16:25:38

LEGEND:

——— ———	WATER LINE
—— —— ——	GAS LINE
——— ———	SANITARY SEWER LINE
——— ———	UNDERGROUND POWER LINE
———CA———	CABLE TV LINE
————————	UNDERGROUND TELEPHONE LINE
—⊖——⊖——⊖—	1 3/4" METAL HANDRAIL, 3.1' HIGH. CIRCLE DENOTES LOCATION OF VERTICAL SUPPORT POSTS.
⊙	4" DIAMETER COVERED WALKWAY SUPPORT POLE
ICV	IRRIGATION CONTROL VALVE
HYD	FIRE HYDRANT
W.V.	WATER VALVE
GV ⋈	GAS VALVE
⊗ SCO	SEWER CLEAN OUT
═══	CURB LINE
═⊗═	CURB LINE WITH 18" CONCRETE GUTTER
//////////	BUILDING LINE
—o—	STREET SIGN
△	POWER TRANSFORMER
⊘	POWER POLE
←—	POWER POLE GUY ANCHOR
Ⓢ	SANITARY SEWER MANHOLE
Ⓣ	TELEPHONE MANHOLE
◡◡◡◡◡	TREE LINE (SMALL TREES)
✿	TREE
———X———	CHAIN LINK FENCE LINE
☼	LIGHT POLE
□TP	TELEPHONE PEDESTAL
━━━	CONCRETE WALL

BENCH MARK:

SOUTHWEST BRASS PLUG AT THE END OF THE CATCH BASIN NEAR THE ENTRANCE OF SAN MIGUEL HIGH SCHOOL, ON BLOSSOM LANE.

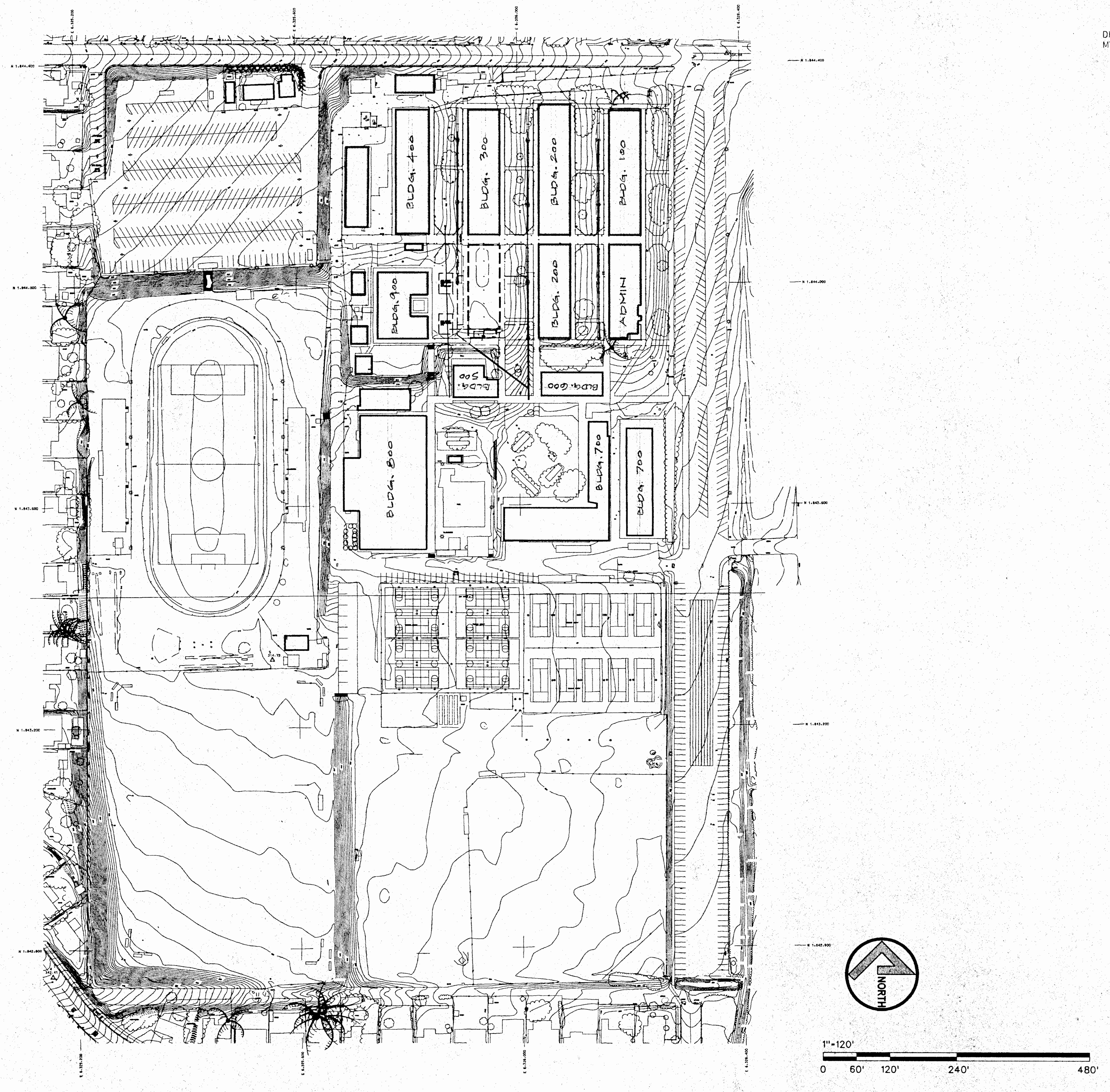
ELEV. = 304.107 M.S.L.

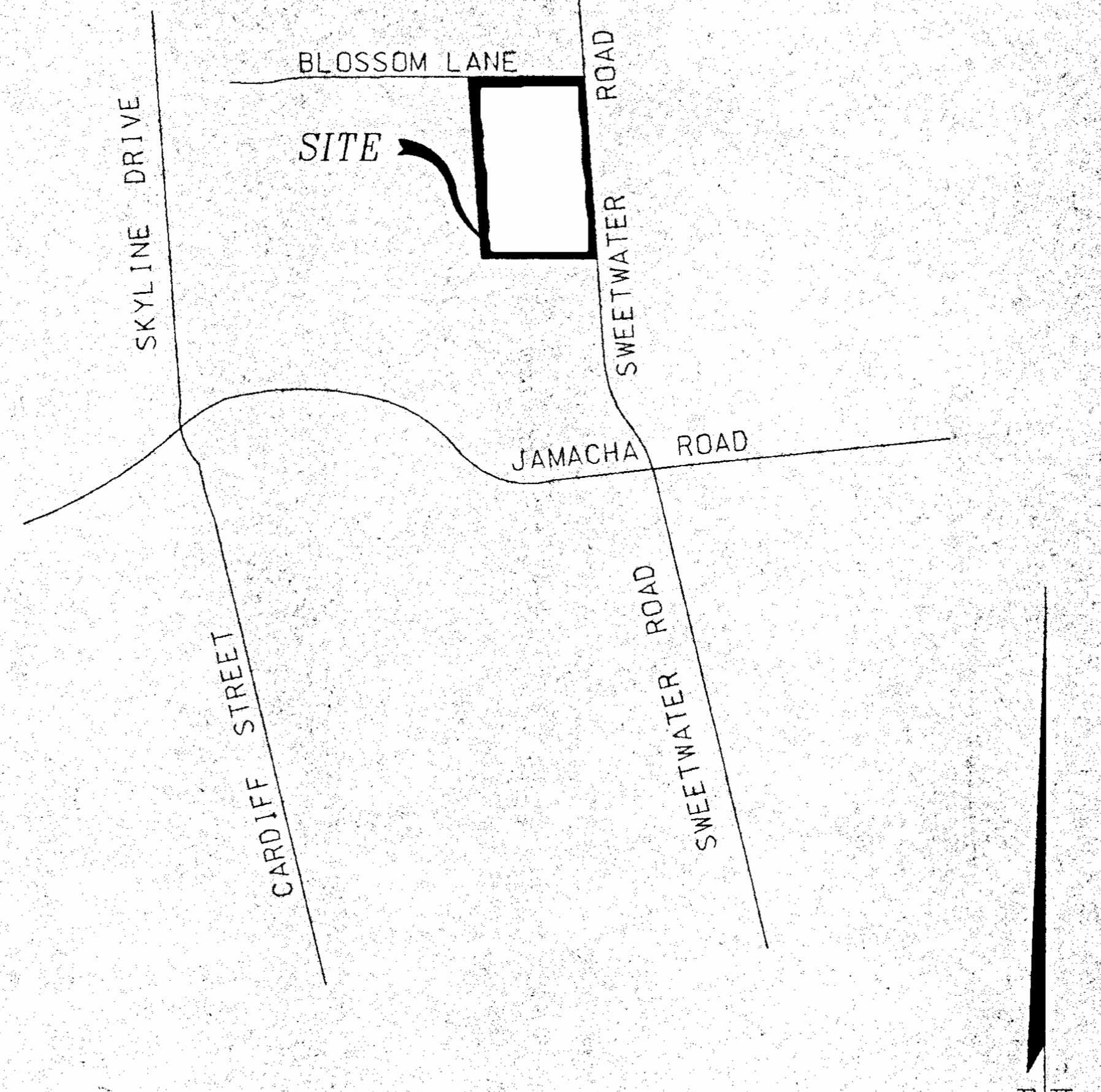
SURVEYOR'S CERTIFICATION:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT OF SURVEY IS BASED ON A FIELD SURVEY MADE ON JULY 16, 1999, BY ME OR DIRECTLY UNDER MY SUPERVISION.

DK NASLAND, PLS 5562 DATED
MY LICENSE RENEWS 9-30-2001

LICENSED LAND SURVEYOR
DK NASLAND
Exp. 9/30/01
No. 5562
STATE OF CALIFORNIA





VICINITY MAP
NO SCALE

① SURVEY AND TOPO PLAN
1"=120'-0"

TOPOGRAPHIC SURVEY
MT. MIGUEL HIGH SCHOOL

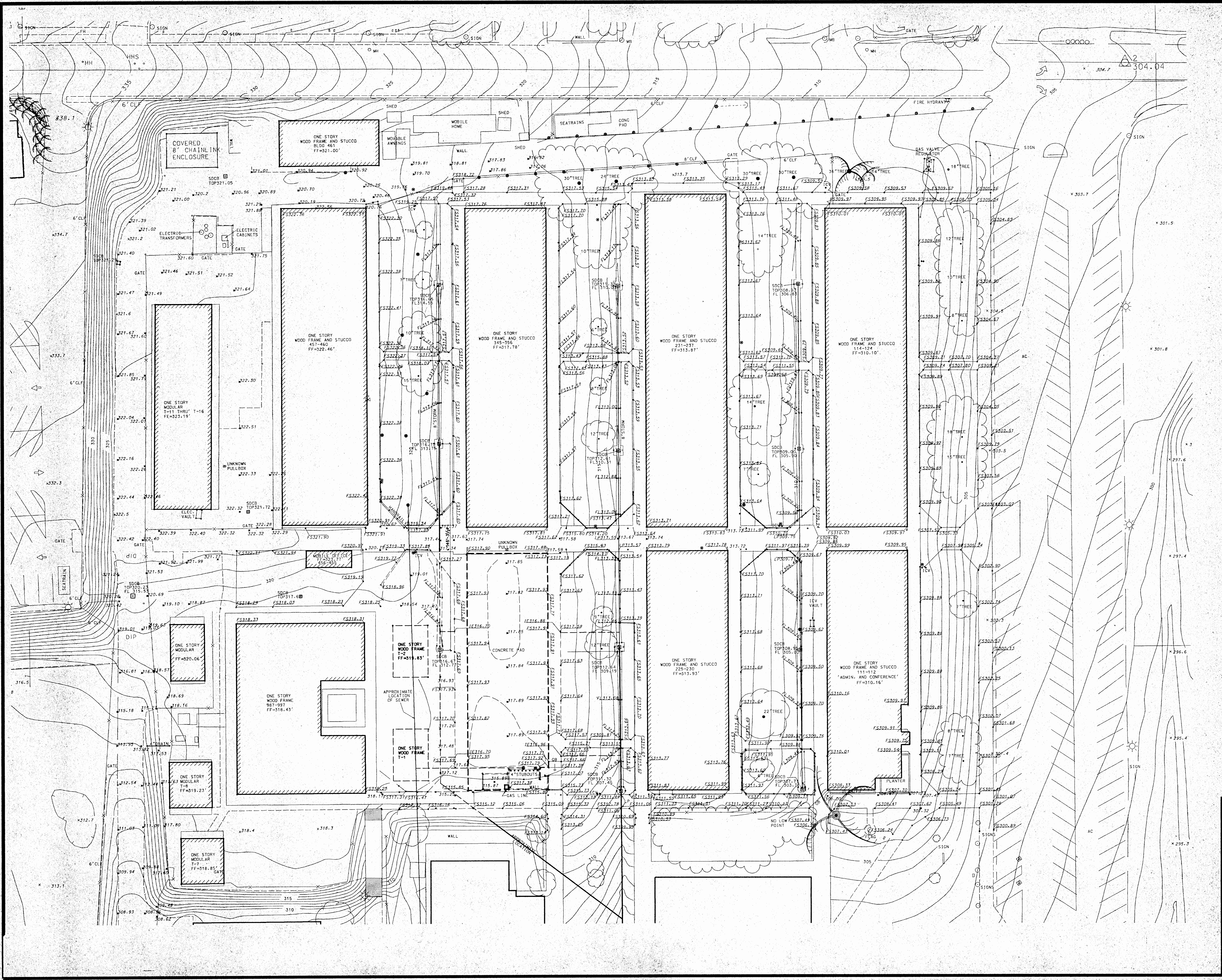
NASLAND ENGINEERING
CIVIL ENGINEERING • SURVEYING • LAND PLANNING
4740 Ruffner Street, San Diego, California, 92111 858•292-7770

REVISION	DATE	BY	REVISION	DATE	BY
ORIGINAL	08/16/1999	JRW			

SHEET C-1

18 OF 82

m:\grosmont\9822-1\c-1.sht Dec. 11, 1999 13:49:05


COVERED 8' CHAINLINK ENCLOSURE
ONE STORY WOOD FRAME AND STUCCO BLDG 461 FF=321.00'
MOBILE HOME
SHED
MOVABLE AWNINGS
SEATRAINS
CONC PAD
FIRE HYDRANT
GAS VALVE REGULATOR
304.04
6' CLF
8' CLF
ELECTRIC TRANSFORMERS
ELECTRIC CABINETS
GATE
ONE STORY MODULAR T-11 THRU' T-16 FF=323.19'
UNKNOWN PULLBOX
ELEC. VAULT
ONE STORY WOOD FRAME AND STUCCO 457-460 FF=322.46'
ONE STORY WOOD FRAME AND STUCCO 345-356 FF=317.78'
ONE STORY WOOD FRAME AND STUCCO 231-237 FF=313.87'
ONE STORY WOOD FRAME AND STUCCO 114-124 FF=310.10'
MOBILE OFFICE
UNKNOWN PULLBOX
CONCRETE PAD
APPROXIMATE LOCATION OF SEWER
ONE STORY WOOD FRAME T-2 FF=319.83'
ONE STORY WOOD FRAME T-1
ONE STORY MODULAR FF=320.06'
ONE STORY WOOD FRAME 987-997 FF=318.43'
ONE STORY MODULAR T-8 FF=319.23'
ONE STORY MODULAR T-7 FF=318.85'
ONE STORY WOOD FRAME AND STUCCO 225-230 FF=313.93'
ONE STORY WOOD FRAME AND STUCCO 111-112 'ADMIN. AND CONFERENCE' FF=310.16'
ICV VAULT
GAS LINE
4"STUBOUTS
PLANTER
NO LOW POINT
FLAG
SEATRAIN
WALL
SIGN
SIGNS
DIP
AC
1"=30'
0 5' 15' 35' 75' 120'

TOPOGRAPHIC SURVEY
MT. MIGUEL HIGH SCHOOL

NASLAND ENGINEERING
CIVIL ENGINEERING • SURVEYING • LAND PLANNING
4740 Ruffner Street, San Diego, California, 92111 858•292-7770

REVISION	DATE	BY	REVISION	DATE	BY
ORIGINAL	08/16/1999	JRW			

SHEET C-2

19 of 82

a:\orosmont\9822-1\c-2.sht Dec. 11 1999 13:50:07

TOPOGRAPHIC SURVEY
MT. MIGUEL HIGH SCHOOL

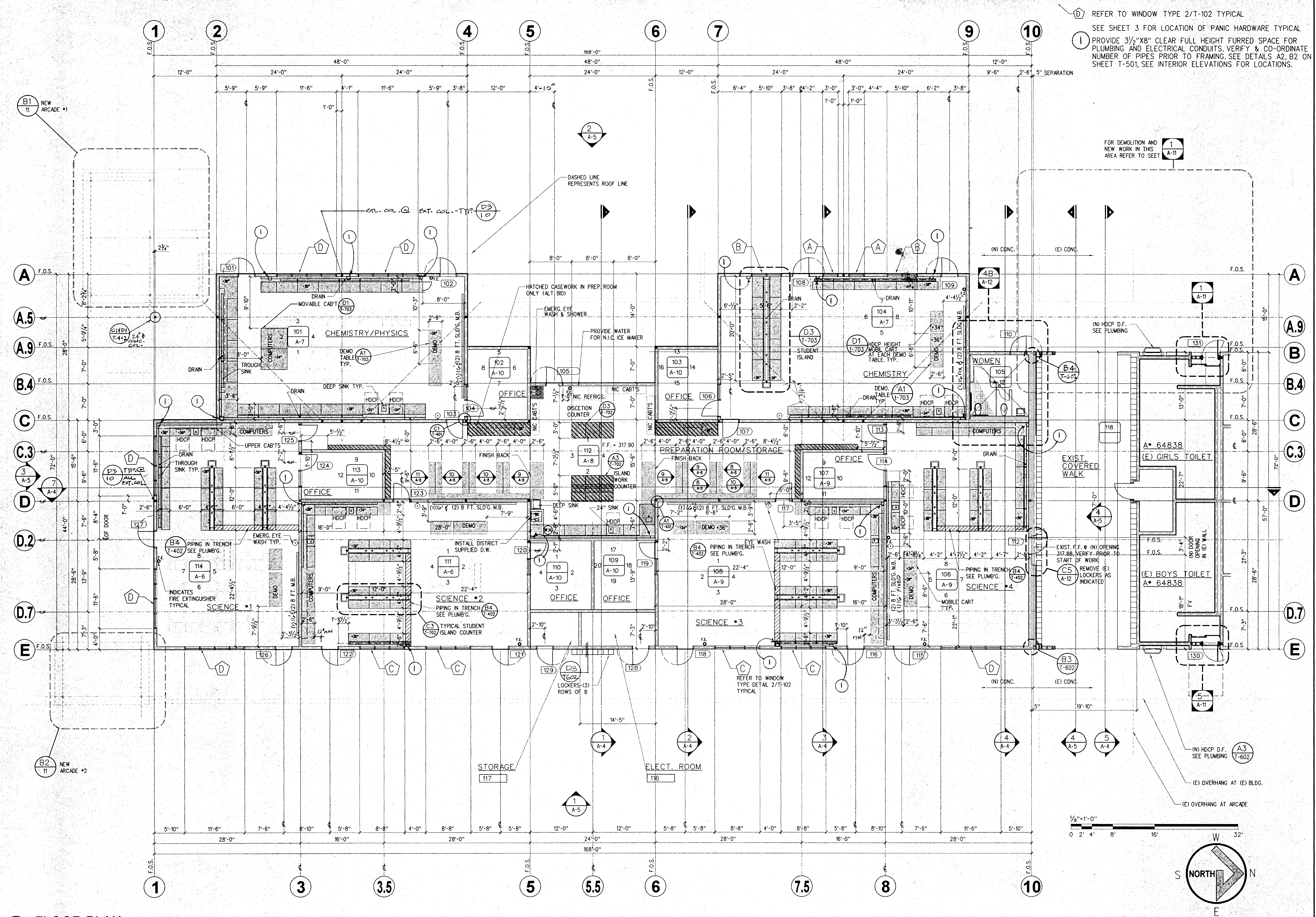
NASLAND ENGINEERING
CIVIL ENGINEERING • SURVEYING • LAND PLANNING
4740 Ruffner Street, San Diego, California, 92111 858•292-7770

REVISION	DATE	BY	REVISION	DATE	BY
ORIGINAL	08/16/1999	JRW			

SHEET C-3

20 of 82

o:\grosmont\9822-1\c-3.sht Dec. 11, 1999 13:50:52



D REFER TO WINDOW TYPE 2/T-102 TYPICAL

SEE SHEET 3 FOR LOCATION OF PANIC HARDWARE TYPICAL

I PROVIDE 3½"X8" CLEAR FULL HEIGHT FURRED SPACE FOR PLUMBING AND ELECTRICAL CONDUITS. VERIFY & CO-ORDINATE NUMBER OF PIPES PRIOR TO FRAMING. SEE DETAILS A2, B2 ON SHEET T-501, SEE INTERIOR ELEVATIONS FOR LOCATIONS.

① FLOOR PLAN
1/8"=1'-0"

CARMICHAEL-KEMP
ARCHITECTS
AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 | 666 | 1265

LICENSED ARCHITECT TAMARA SCHAEFFER C 20592 EXPIRES NOV. 30, 2000 STATE OF CALIFORNIA

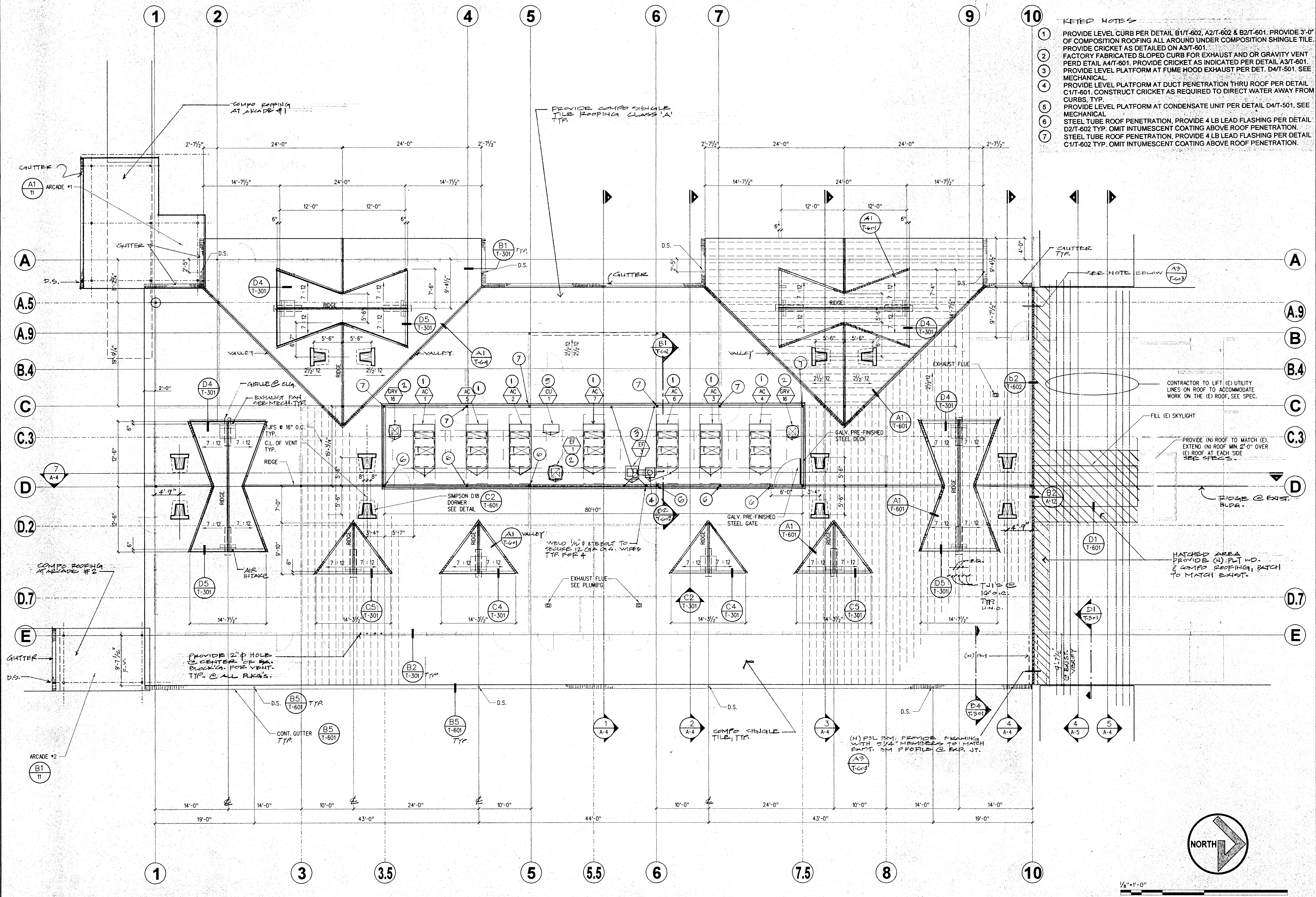
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Gi FLS Gi SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

FLOOR PLAN

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-1
BINDING ORDER	21 OF 82


1
2
4
5
6
7
9
10
3
3.5
5.5
7.5
8
A
A.5
A.9
B
B.4
C
C.3
D
D.2
D.7
E
COMPO ROOFING AT ARCADE #1
PROVIDE COMPO SHINGLE TILE ROOFING CLASS 'A' TYP.
GUTTER
A1 11 ARCADE #1
GUTTER
D.S.
2'-7½"
24'-0"
14'-7½"
12'-0"
6"
B1 T-301 TYP.
D4 T-301
D5 T-301
RIDGE
7 : 12
5'-6"
2½: 12
VALLEY
A1 T-601
GUTTER TYP.
SEE NOTE BELOW A3 T-603
EXHAUST FLUE
b2 T-602
CONTRACTOR TO LIFT (E) UTILITY LINES ON ROOF TO ACCOMMODATE WORK ON THE (E) ROOF, SEE SPEC.
FILL (E) SKYLIGHT
PROVIDE (N) ROOF TO MATCH (E). EXTEND (N) ROOF MIN. 2'-0" OVER (E) ROOF AT EACH SIDE SEE SPECS.
RIDGE @ EXIST. BLDG.
B2 A-12
D1 T-601
HATCHED AREA PROVIDE (N) PLY WD. & COMPO ROOFING, PATCH TO MATCH EXIST.
TJI'S @ 16" O.C. TYP. U.N.O.
EQ.
D1 T-301
(N) BM
9'-7½" @ EXIST. VERIFY
GRILLE @ CLG.
EXHAUST FAN SEE MECH. TYP.
TJI'S @ 16" O.C. TYP.
C.L. OF VENT TYP.
RIDGE
7 A-4
GRV 16
AC 1
AC 5
AC 2
CU 1
AC 7
AC 6
AC 3
AC 4
EF 1
EF 3
B1 T-602
B2 T-602
GALV. PRE-FINISHED STEEL DECK
GALV. PRE-FINISHED STEEL GATE
SIMPSON D18 DORMER SEE DETAIL C2 T-601
80'-0"
A1 T-601 VALLEY
WELD ½" Ø EYEBOLT TO SECURE 12 GA G.I. WIRES TYP. FOR 4
EXHAUST FLUE SEE PLUMB'G
AIR INTAKE
COMPO ROOFING AT ARCADE #2
C2 T-301
C4 T-301
C5 T-301
14'-3½"
GUTTER
D.S.
9'-7½" F.V.
PROVIDE 2" Ø HOLE @ CENTER OF EA. BLOCK'G. FOR VENT. TYP. @ ALL BLKG'S.
B2 T-301 TYP.
B5 T-601 TYP.
CONT. GUTTER TYP.
B5 T-601
ARCADE #2
B1 11
COMPO SHINGLE TILE, TYP.
(N) PSL BM. PROVIDE FRAMING WITH 5¼" MEMBERS TO MATCH EXIST. BM PROFILE @ EXP. JT.
A3 T-603
B4 T-301
1 A-4
2 A-4
3 A-4
4 A-4
4 A-5
5 A-4
14'-0"
10'-0"
19'-0"
43'-0"
44'-0"
NORTH

KEYED NOTES

① PROVIDE LEVEL CURB PER DETAIL B1/T-602, A2/T-602 & B2/T-601. PROVIDE 3'-0" OF COMPOSITION ROOFING ALL AROUND UNDER COMPOSITION SHINGLE TILE. PROVIDE CRICKET AS DETAILED ON A3/T-601.
② FACTORY FABRICATED SLOPED CURB FOR EXHAUST AND OR GRAVITY VENT PERD ETAIL A4/T-601. PROVIDE CRICKET AS INDICATED PER DETAIL A3/T-601.
③ PROVIDE LEVEL PLATFORM AT FUME HOOD EXHAUST PER DET. D4/T-501. SEE MECHANICAL.
④ PROVIDE LEVEL PLATFORM AT DUCT PENETRATION THRU ROOF PER DETAIL C1/T-601. CONSTRUCT CRICKET AS REQUIRED TO DIRECT WATER AWAY FROM CURBS, TYP.
⑤ PROVIDE LEVEL PLATFORM AT CONDENSATE UNIT PER DETAIL D4/T-501, SEE MECHANICAL
⑥ STEEL TUBE ROOF PENETRATION, PROVIDE 4 LB LEAD FLASHING PER DETAIL D2/T-602 TYP. OMIT INTUMESCENT COATING ABOVE ROOF PENETRATION.
⑦ STEEL TUBE ROOF PENETRATION, PROVIDE 4 LB LEAD FLASHING PER DETAIL C1/T-602 TYP. OMIT INTUMESCENT COATING ABOVE ROOF PENETRATION.

① ROOF PLAN
1/8"=1'-0"

1/8"=1'-0"
0 2' 4' 8' 16' 32'

CARMICHAEL-KEMP
ARCHITECTS
AIA
2870 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

LICENSED ARCHITECT
TAMARA SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC FLS SS
DATE DEC 1 4 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

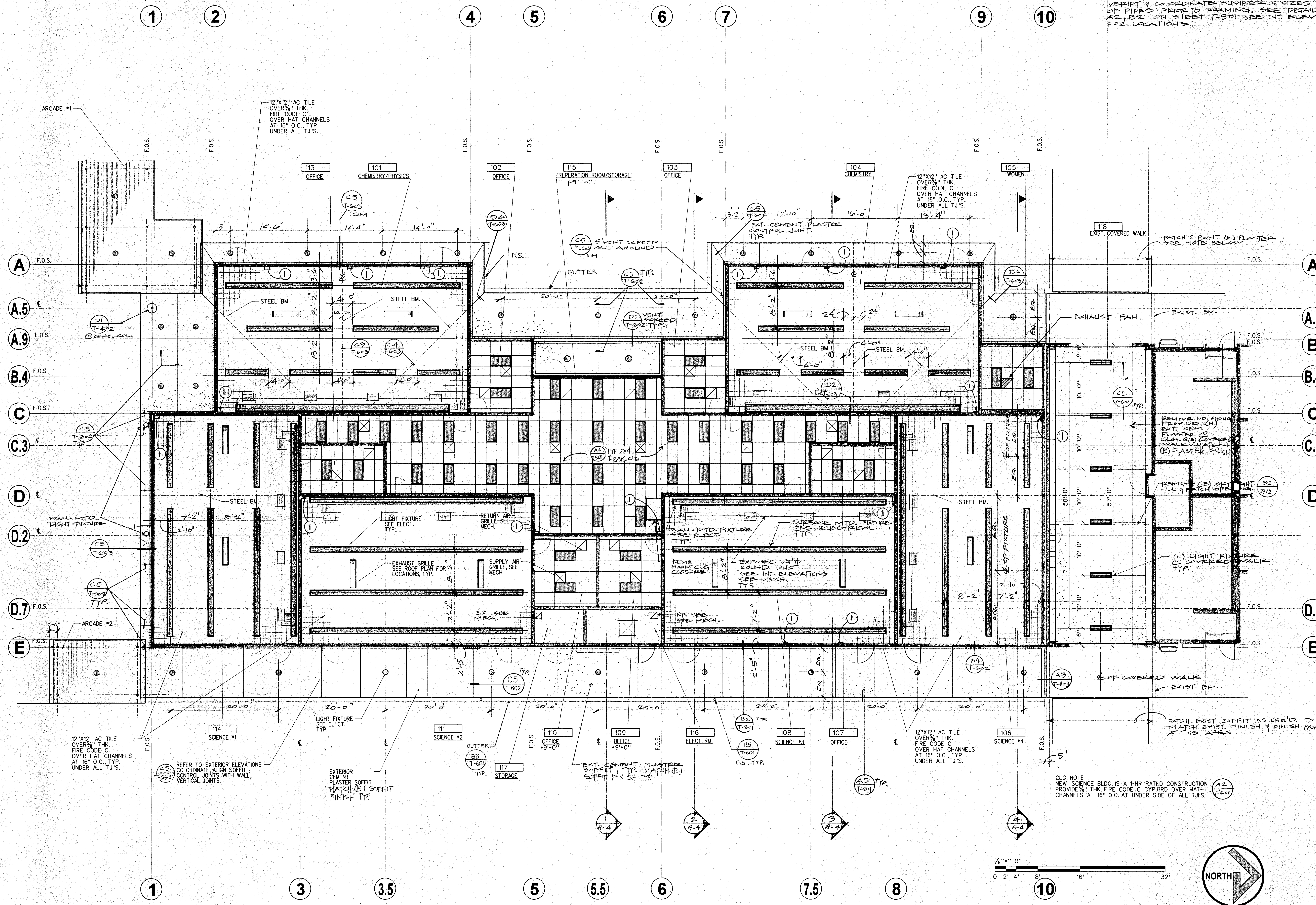
GROSSMONT UNION HIGH SCHOOL DISTRICT

ROOF PLAN

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-2
BINDING ORDER	22 of 82

m:\rcosmnt\9822-1\a-2.sht Dec 03 1999 16:38:29

KEYED NOTES:
① PROVIDE 3½" x 8" CLR. FULL HEIGHT FURRED SPACE FOR PLUMB'G. & ELECT. CONDUITS VERIFY & CO-ORDINATE NUMBER & SIZES OF PIPES PRIOR TO FRAMING. SEE DETAILS A2, B2 ON SHEET T-501, SEE INT. ELEV. FOR LOCATIONS.



1
2
4
5
6
7
9
10
3
3.5
5.5
7.5
8
A
A.5
A.9
B
B.4
C
C.3
D
D.2
D.7
E
F.O.S.
ARCADE •1
ARCADE •2
12"X12" AC TILE OVER ⅝" THK. FIRE CODE C OVER HAT CHANNELS AT 16" O.C., TYP. UNDER ALL TJI'S.
113 OFFICE
101 CHEMISTRY/PHYSICS
102 OFFICE
115 PREPERATION ROOM/STORAGE +7'-0"
103 OFFICE
104 CHEMISTRY
105 WOMEN
118 EXIST. COVERED WALK
PATCH & PAINT (E) PLASTER SEE NOTE BELOW
EXHAUST FAN
EXIST. BM.
STEEL BM.
D.S.
GUTTER
5" VENT SCREED ALL AROUND
EXT. CEMENT PLASTER CONTROL JOINT TYP.
VENT SCREED TYP.
C5 T-603 SIM
C5 T-602
D4 T-603
D1 T-402 @ CONC. COL.
C2 T-603
C4 T-603
D2 T-603
A4 T-502
TYP 2x4 FRAK CLG.
14'-0"
14'-4"
14'-0"
12'-10"
16'-0"
13'-4"
20'-0"
24"
4'-0"
8'-2"
7'-2"
2'-10"
2'-5"
3'-6"
10'-0"
50'-0"
57'-0"
EQ.
WALL MTD. LIGHT FIXTURE
LIGHT FIXTURE SEE ELECT. TYP.
RETURN AIR GRILLE, SEE MECH.
EXHAUST GRILLE SEE ROOF PLAN FOR LOCATIONS, TYP.
SUPPLY AIR GRILLE, SEE MECH.
E.F. SEE MECH.
WALL MTD. FIXTURE SEE ELECT. TYP.
SURFACE MTD. FIXTURE SEE ELECTRICAL TYP.
FUME HOOD CLG CLOSURE
EXPOSED 24"Φ ROUND DUCT SEE INT. ELEVATIONS SEE MECH. TYP.
℄ OF FIXTURE
REMOVE (E) LIGHTING PROVIDE (N) EXT. CEM. PLASTER @ CLG. @ (E) COVERED WALK - MATCH (E) PLASTER FINISH
REMOVE (E) SKYLIGHT FILL & PATCH OPENING
B2 A12
(N) LIGHT FIXTURE @ COVERED WALK TYP.
℄ OF COVERED WALK
A4 T-602
A3 T-603
PATCH EXIST SOFFIT AS REQ'D. TO MATCH EXIST. FINISH & FINISH PAINT AT THIS AREA
114 SCIENCE •1
111 SCIENCE •2
110 OFFICE +9'-0"
109 OFFICE +9'-0"
116 ELECT. RM.
108 SCIENCE •3
107 OFFICE
106 SCIENCE •4
117 STORAGE
B5 T-601 TYP.
B2 T-301 TYP.
B5 T-601 D.S., TYP.
A5 T-601 TYP.
REFER TO EXTERIOR ELEVATIONS CO-ORDINATE, ALIGN SOFFIT CONTROL JOINTS WITH WALL VERTICAL JOINTS.
EXTERIOR CEMENT PLASTER SOFFIT MATCH (E) SOFFIT FINISH TYP.
EXT. CEMENT PLASTER SOFFIT, TYP. - MATCH (E) SOFFIT FINISH TYP.
1 A-4
2 A-4
3 A-4
4 A-4
5"
1/8"=1'-0"
0 2' 4' 8' 16' 32'
NORTH

CLG. NOTE
NEW SCIENCE BLDG. IS A 1-HR RATED CONSTRUCTION PROVIDE ⅝" THK. FIRE CODE C GYP.BRD OVER HAT-CHANNELS AT 16" O.C. AT UNDER SIDE OF ALL TJI'S. (A2 T-601)

① REFLECTED CEILING PLAN
1/8"=1'-0"

.dgn

d:\grosmont\9822-1\a-3.sht Dec. 03, 1999 16:42:05

REFLECTED CEILING PLAN

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

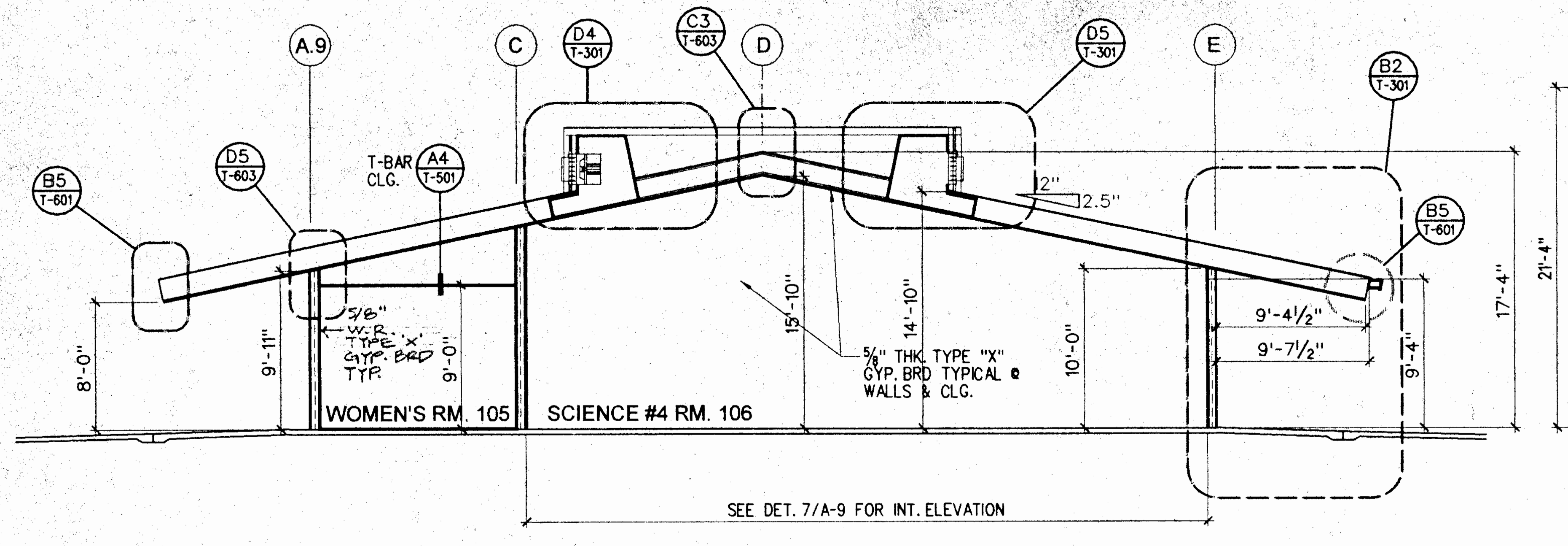
LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS ___ SS ___
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

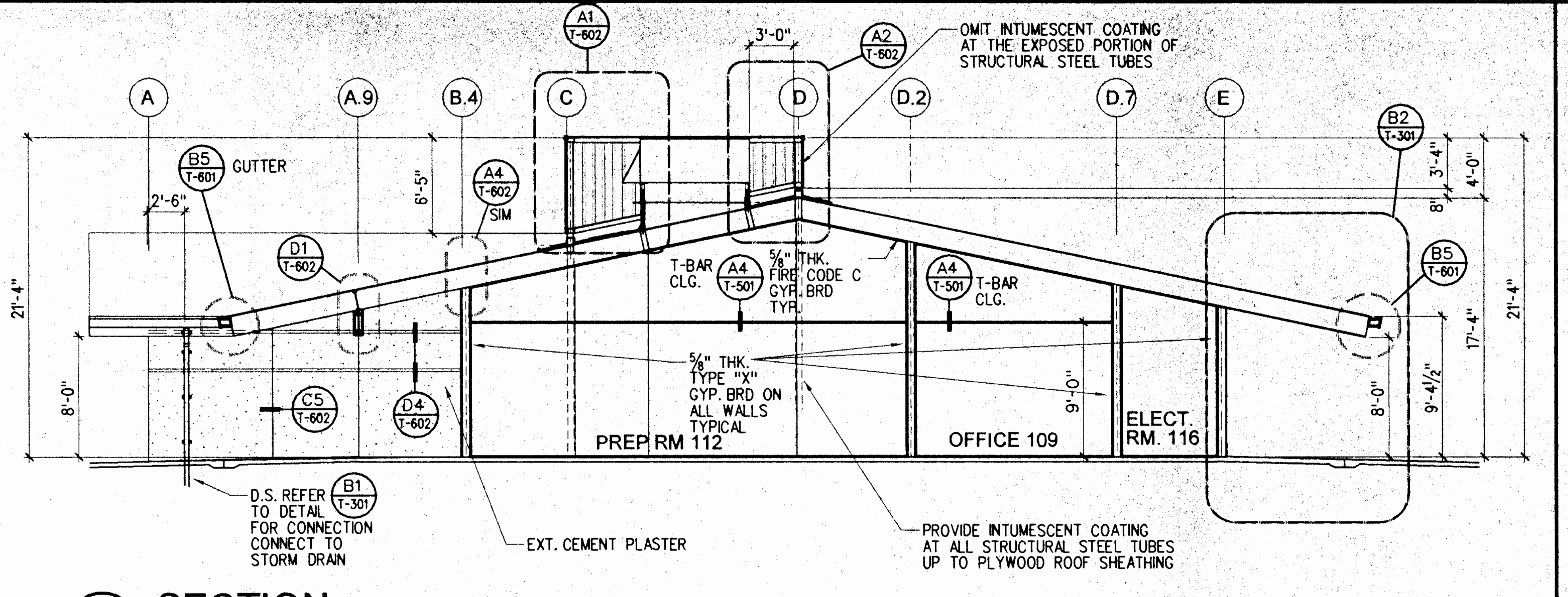
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-3
BINDING ORDER	23 OF 82



④ SECTION

1/8"-1'-0"

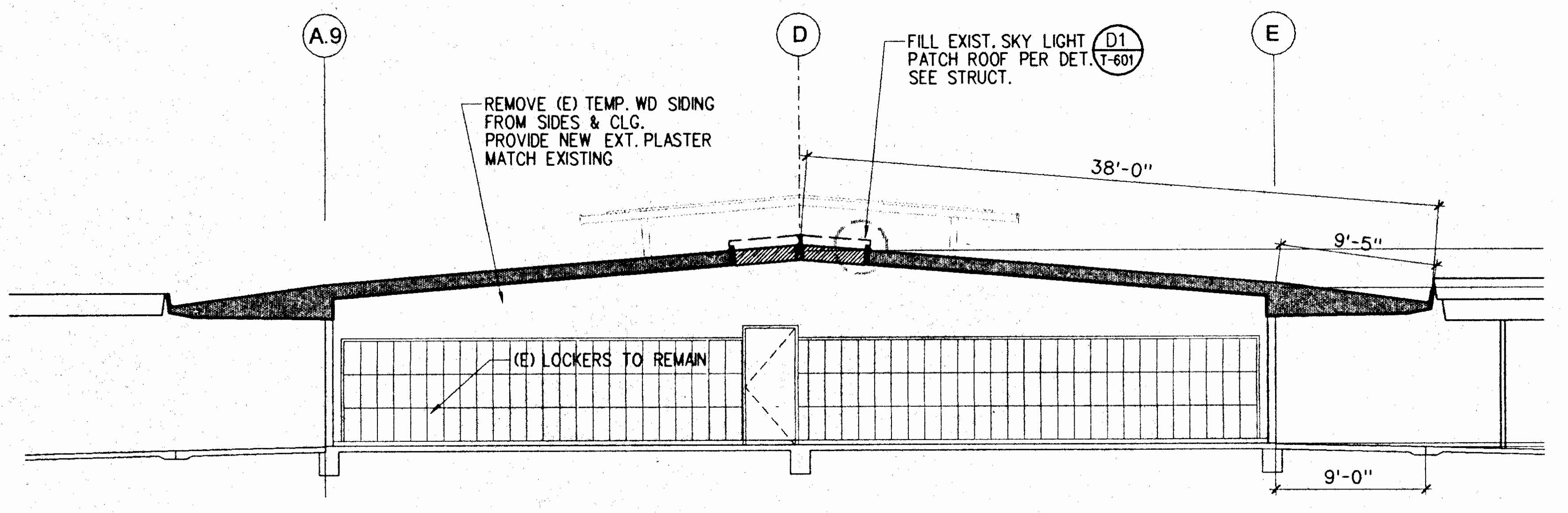
sec4 .dgn


A1 T-602
3'-0"
A2 T-602
OMIT INTUMESCENT COATING AT THE EXPOSED PORTION OF STRUCTURAL STEEL TUBES
A
A.9
B.4
C
D
D.2
D.7
E
B2 T-301
B5 T-601
GUTTER
2'-6"
6'-5"
A4 T-602 SIM
D1 T-602
T-BAR CLG.
A4 T-501
5/8" THK. FIRE CODE C GYP. BRD TYP.
A4 T-501
T-BAR CLG.
3'-4"
4'-0"
8"
21'-4"
17'-4"
21'-4"
5/8" THK. TYPE "X" GYP. BRD ON ALL WALLS TYPICAL
C5 T-602
D4 T-602
9'-0"
8'-0"
9'-4 1/2"
8'-0"
PREP RM 112
OFFICE 109
ELECT. RM. 116
D.S. REFER TO DETAIL FOR CONNECTION CONNECT TO STORM DRAIN
B1 T-301
EXT. CEMENT PLASTER
PROVIDE INTUMESCENT COATING AT ALL STRUCTURAL STEEL TUBES UP TO PLYWOOD ROOF SHEATHING

① SECTION

1/8"-1'-0"

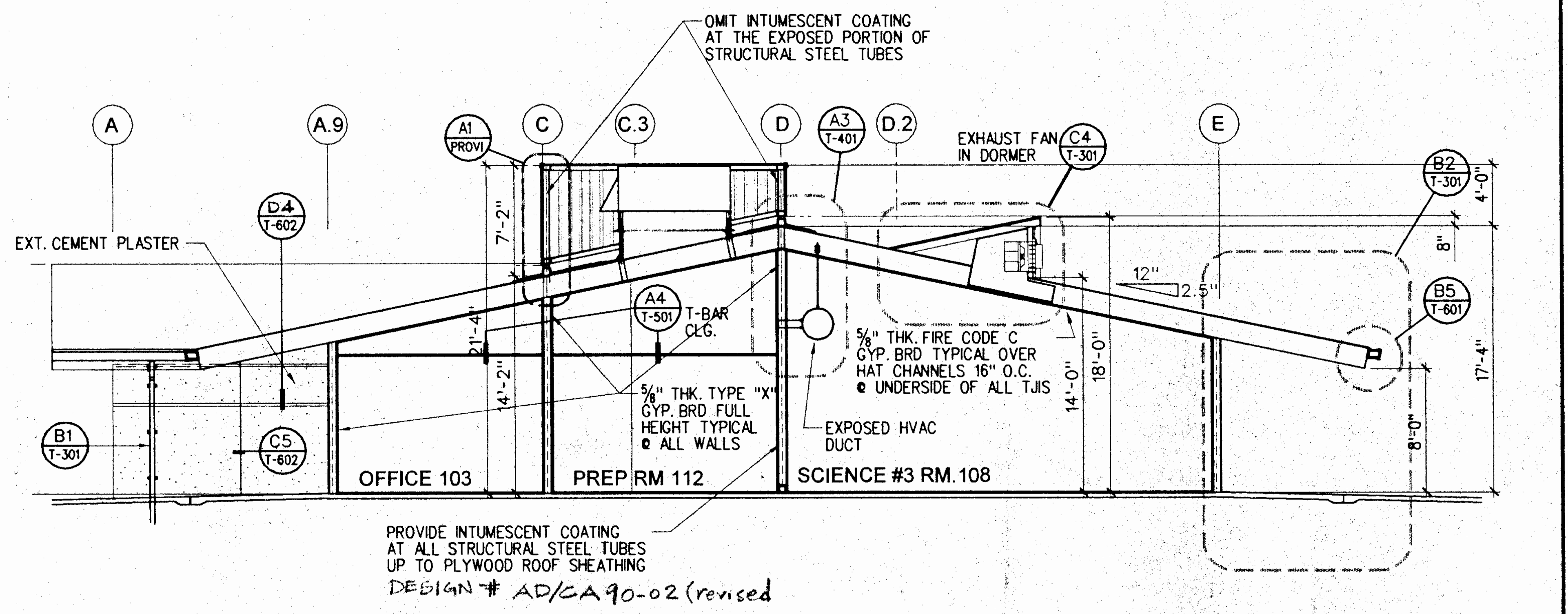
sec1 .dgn


A.9
D
E
FILL EXIST. SKY LIGHT PATCH ROOF PER DET. D1 T-601 SEE STRUCT.
REMOVE (E) TEMP. WD SIDING FROM SIDES & CLG. PROVIDE NEW EXT. PLASTER MATCH EXISTING
38'-0"
9'-5"
(E) LOCKERS TO REMAIN
9'-0"

⑤ SECTION THROUGH COVERED WALK

1/8"-1'-0"

sec5 .dgn

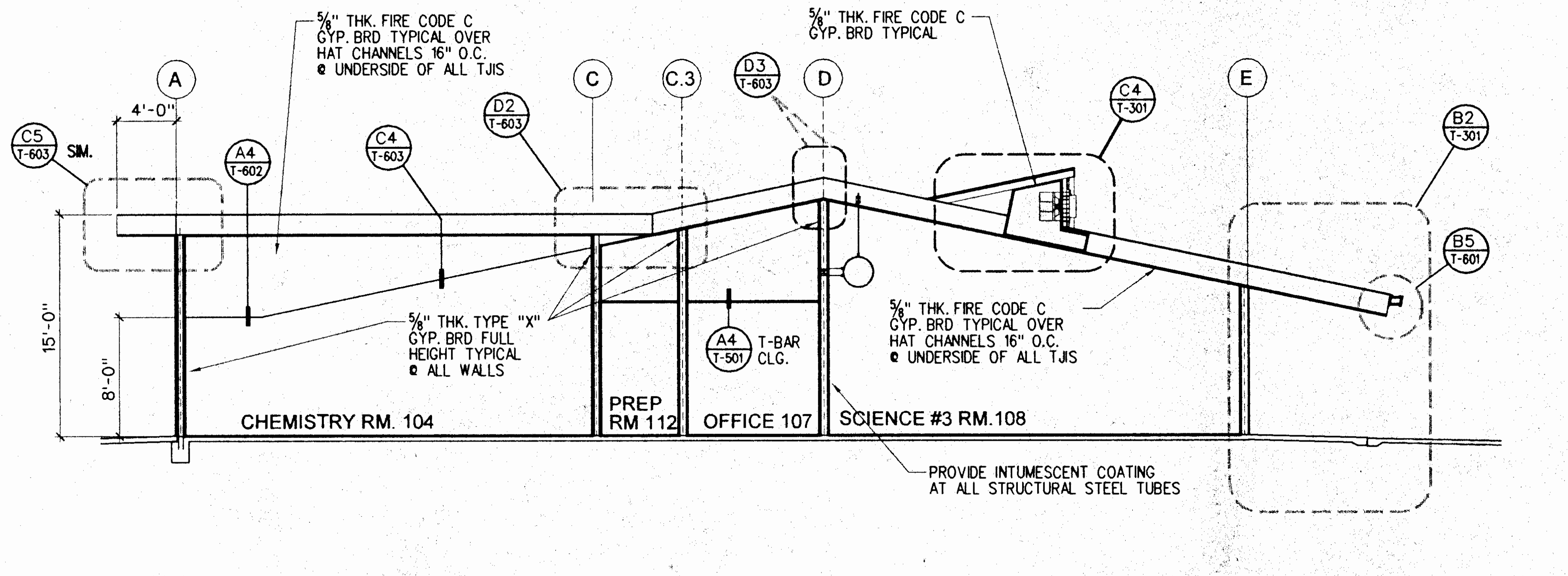

OMIT INTUMESCENT COATING AT THE EXPOSED PORTION OF STRUCTURAL STEEL TUBES
A
A.9
A1 PROVI
C
C.3
D
A3 T-401
D.2
EXHAUST FAN IN DORMER
C4 T-301
E
B2 T-301
B5 T-601
4'-0"
8"
D4 T-602
EXT. CEMENT PLASTER
7'-2"
21'-4"
14'-2"
A4 T-501
T-BAR CLG.
5/8" THK. TYPE "X" GYP. BRD FULL HEIGHT TYPICAL @ ALL WALLS
5/8" THK. FIRE CODE C GYP. BRD TYPICAL OVER HAT CHANNELS 16" O.C. @ UNDERSIDE OF ALL TJIS
12"
2.5"
14'-0"
18'-0"
17'-4"
8'-0"
EXPOSED HVAC DUCT
B1 T-301
C5 T-602
OFFICE 103
PREP RM 112
SCIENCE #3 RM. 108
PROVIDE INTUMESCENT COATING AT ALL STRUCTURAL STEEL TUBES UP TO PLYWOOD ROOF SHEATHING

DESIGN # AD/CA 90-02 (revised)

② SECTION

1/8"-1'-0"

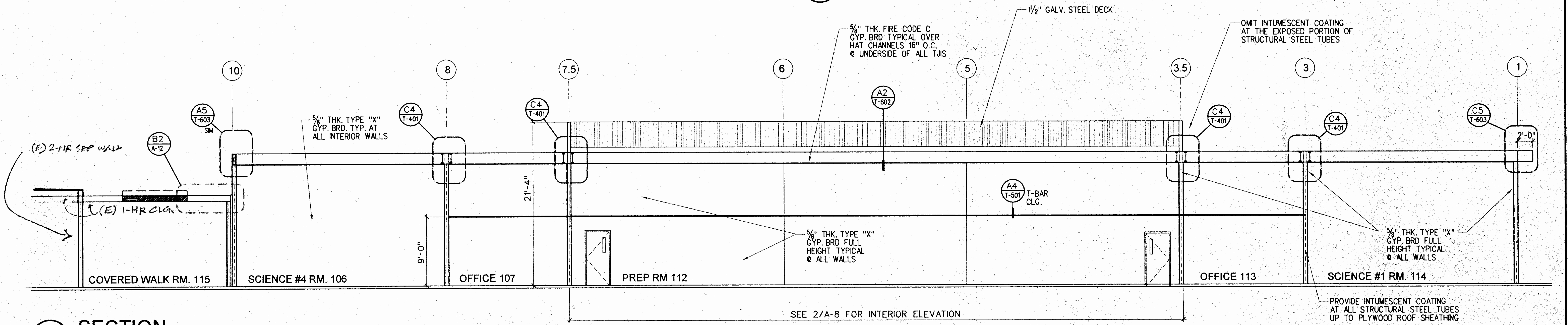
sec2 .dgn


5/8" THK. FIRE CODE C GYP. BRD TYPICAL OVER HAT CHANNELS 16" O.C. @ UNDERSIDE OF ALL TJIS
5/8" THK. FIRE CODE C GYP. BRD TYPICAL
A
C
C.3
D3 T-603
D
C4 T-301
E
B2 T-301
B5 T-601
C5 T-603 SIM.
4'-0"
A4 T-602
C4 T-603
D2 T-603
15'-0"
8'-0"
5/8" THK. TYPE "X" GYP. BRD FULL HEIGHT TYPICAL @ ALL WALLS
A4 T-501
T-BAR CLG.
5/8" THK. FIRE CODE C GYP. BRD TYPICAL OVER HAT CHANNELS 16" O.C. @ UNDERSIDE OF ALL TJIS
CHEMISTRY RM. 104
PREP RM 112
OFFICE 107
SCIENCE #3 RM.108
PROVIDE INTUMESCENT COATING AT ALL STRUCTURAL STEEL TUBES

③ SECTION

1/8"-1'-0"

sec3 .dgn


1/2" GALV. STEEL DECK
5/8" THK. FIRE CODE C GYP. BRD TYPICAL OVER HAT CHANNELS 16" O.C. @ UNDERSIDE OF ALL TJIS
OMIT INTUMESCENT COATING AT THE EXPOSED PORTION OF STRUCTURAL STEEL TUBES
10
8
7.5
6
5
3.5
3
1
A5 T-603 SIM
B2 A-12
(E) 2-HR SEP WALL
(E) 1-HR CLG.
5/8" THK. TYPE "X" GYP. BRD. TYP. AT ALL INTERIOR WALLS
C4 T-401
C4 T-401
A2 T-603
C4 T-401
C4 T-401
C5 T-603
2'-0"
21'-4"
9'-0"
A4 T-501
T-BAR CLG.
5/8" THK. TYPE "X" GYP. BRD FULL HEIGHT TYPICAL @ ALL WALLS
5/8" THK. TYPE "X" GYP. BRD FULL HEIGHT TYPICAL @ ALL WALLS
COVERED WALK RM. 115
SCIENCE #4 RM. 106
OFFICE 107
PREP RM 112
OFFICE 113
SCIENCE #1 RM. 114
PROVIDE INTUMESCENT COATING AT ALL STRUCTURAL STEEL TUBES UP TO PLYWOOD ROOF SHEATHING
SEE 2/A-8 FOR INTERIOR ELEVATION

⑦ SECTION

1/8"-1'-0"

sec7 .dgn

SECTIONS

CARMICHAEL-KEMP
ARCHITECTS
AIA
2370 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

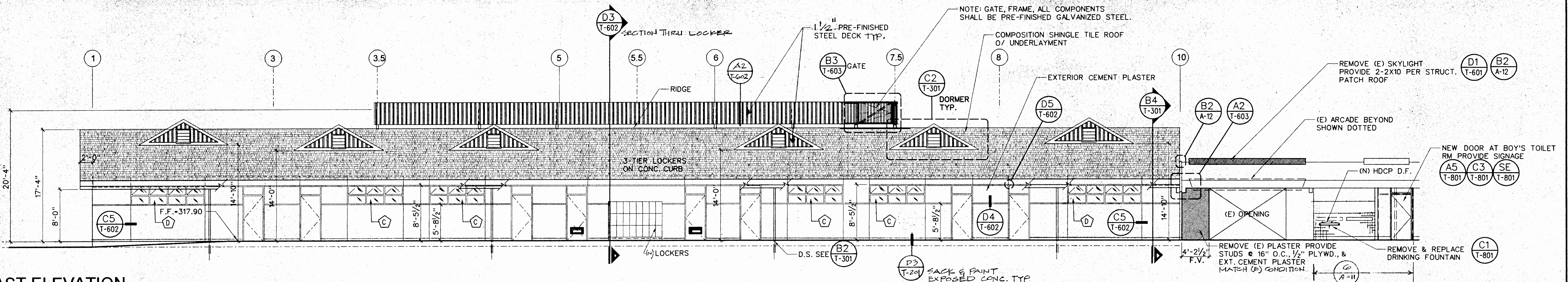
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS ___ SS ___
DATE DEC 1 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	**A-4**
BINDING ORDER	24 of 82

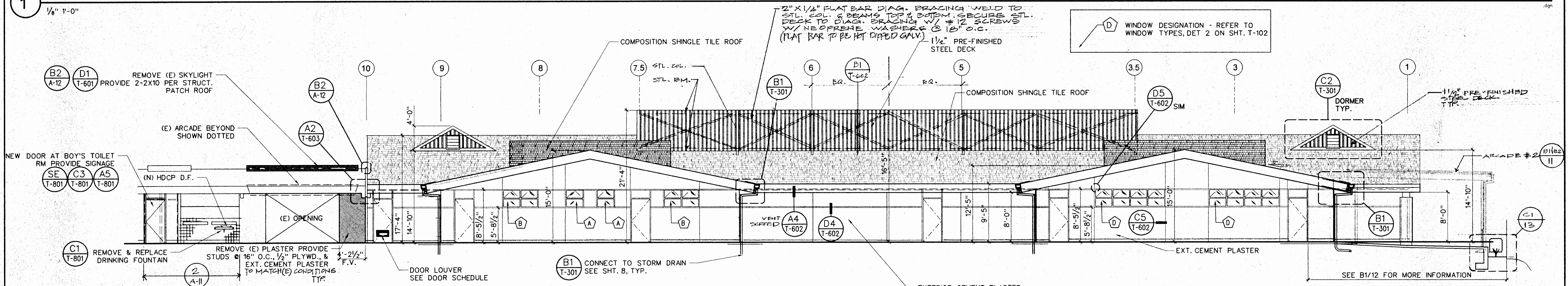
c:\grosmont\9822-1\a-4.sht Dec. 01, 1999 17:09:31



D3 T-602 SECTION THRU LOCKER
1 1/2" PRE-FINISHED STEEL DECK TYP.
NOTE: GATE, FRAME, ALL COMPONENTS SHALL BE PRE-FINISHED GALVANIZED STEEL.
COMPOSITION SHINGLE TILE ROOF O/ UNDERLAYMENT
B3 T-603 GATE
EXTERIOR CEMENT PLASTER
C2 T-301 DORMER TYP.
RIDGE
A2 T-602
D5 T-602
B4 T-301
B2 A-12
A2 T-603
REMOVE (E) SKYLIGHT PROVIDE 2-2X10 PER STRUCT. PATCH ROOF
D1 T-601
B2 A-12
(E) ARCADE BEYOND SHOWN DOTTED
NEW DOOR AT BOY'S TOILET RM PROVIDE SIGNAGE
A5 T-801
C3 T-801
SE T-801
(N) HDCP D.F.
3-TIER LOCKERS ON CONC. CURB
F.F.=317.90
C5 T-602
(N) LOCKERS
D.S. SEE B2 T-301
D3 T-201 SACK & PAINT EXPOSED CONC. TYP
D4 T-602
C5 T-602
(E) OPENING
REMOVE (E) PLASTER PROVIDE STUDS @ 16" O.C., 1/2" PLYWD., & EXT. CEMENT PLASTER MATCH (E) CONDITION
REMOVE & REPLACE DRINKING FOUNTAIN
C1 T-801
6 A-11
1
3
3.5
5
5.5
6
7.5
8
10
20'-4"
17'-4"
8'-0"
2'-0"
14'-10"
14'-0"
8'-5 1/2"
5'-8 1/2"
4'-2 1/2" F.V.

1 EAST ELEVATION

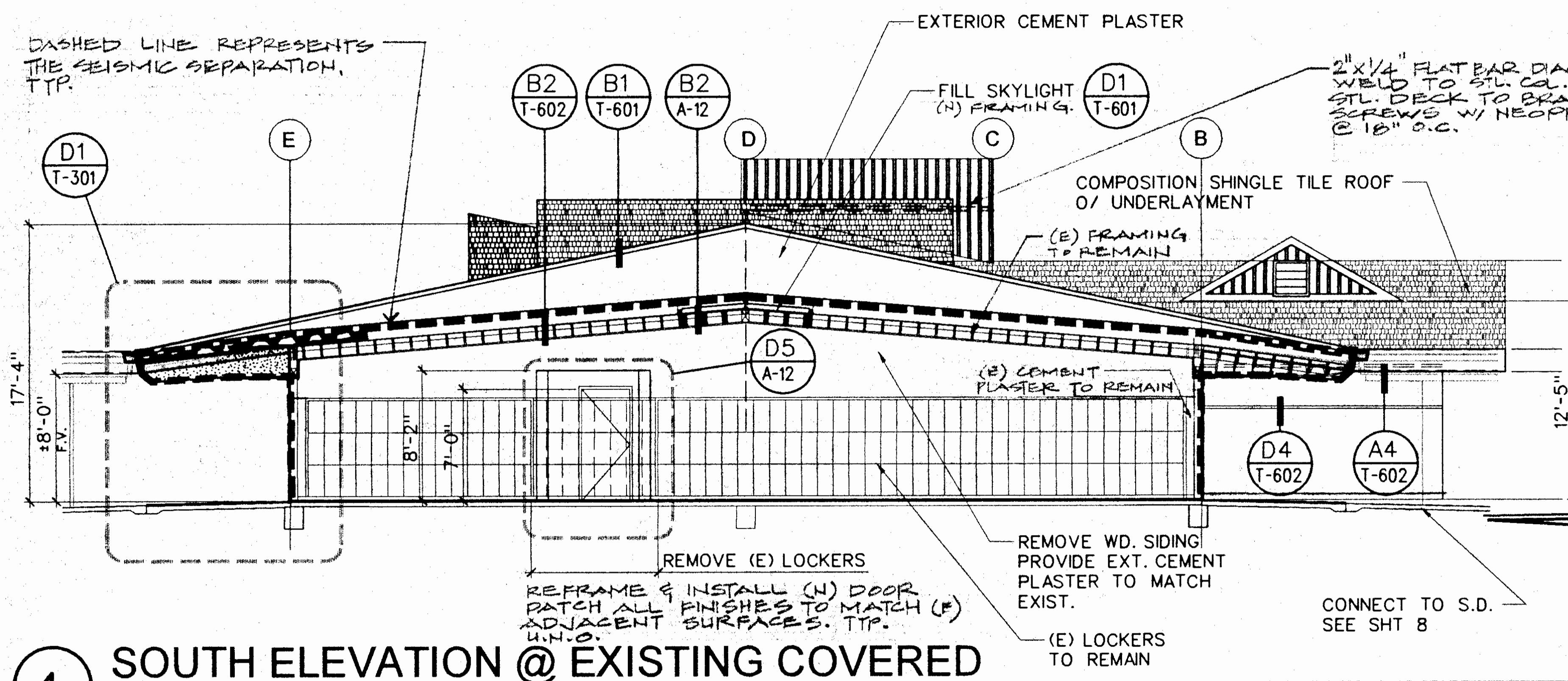
1/8" 1'-0"



2" X 1/4" FLAT BAR DIAG. BRACING WELD TO STL. COL. & BEAMS TOP & BOTTOM. SECURE STL. DECK TO DIAG. BRACING W/ #12 SCREWS W/ NEOPRENE WASHERS @ 18" O.C. (FLAT BAR TO BE HOT DIPPED GALV.)
1 1/2" PRE-FINISHED STEEL DECK
COMPOSITION SHINGLE TILE ROOF
D WINDOW DESIGNATION - REFER TO WINDOW TYPES, DET 2 ON SHT. T-102
B2 A-12
D1 T-601
REMOVE (E) SKYLIGHT PROVIDE 2-2X10 PER STRUCT. PATCH ROOF
(E) ARCADE BEYOND SHOWN DOTTED
A2 T-603
NEW DOOR AT BOY'S TOILET RM PROVIDE SIGNAGE
SE T-801
C3 T-801
A5 T-801
(N) HDCP D.F.
(E) OPENING
C1 T-801
REMOVE & REPLACE DRINKING FOUNTAIN
REMOVE (E) PLASTER PROVIDE STUDS @ 16" O.C., 1/2" PLYWD., & EXT. CEMENT PLASTER TO MATCH (E) CONDITIONS TYP.
2 A-11
4'-2 1/2" F.V.
DOOR LOUVER SEE DOOR SCHEDULE
B1 T-301 CONNECT TO STORM DRAIN SEE SHT. 8, TYP.
STL. COL.
STL. BM.
B1 T-301
P1 T-602
EQ.
EQ.
VENT SCREED
A4 T-602
D4 T-602
EXTERIOR CEMENT PLASTER
D5 T-602 SIM
C5 T-602
C2 T-301 DORMER TYP.
1 1/2" PRE-FINISHED STEEL DECK TYP.
ARCADE #2 B1/B2 11
B1 T-301
C1 13
EXT. CEMENT PLASTER
SEE B1/12 FOR MORE INFORMATION
10
9
8
7.5
6
5
3.5
3
1
4'-0"
21'-4"
17'-4"
14'-10"
8'-5 1/2"
5'-8 1/2"
15'-0"
16'-5"
12'-5"
9'-5"
8'-0"

2 WEST ELEVATION

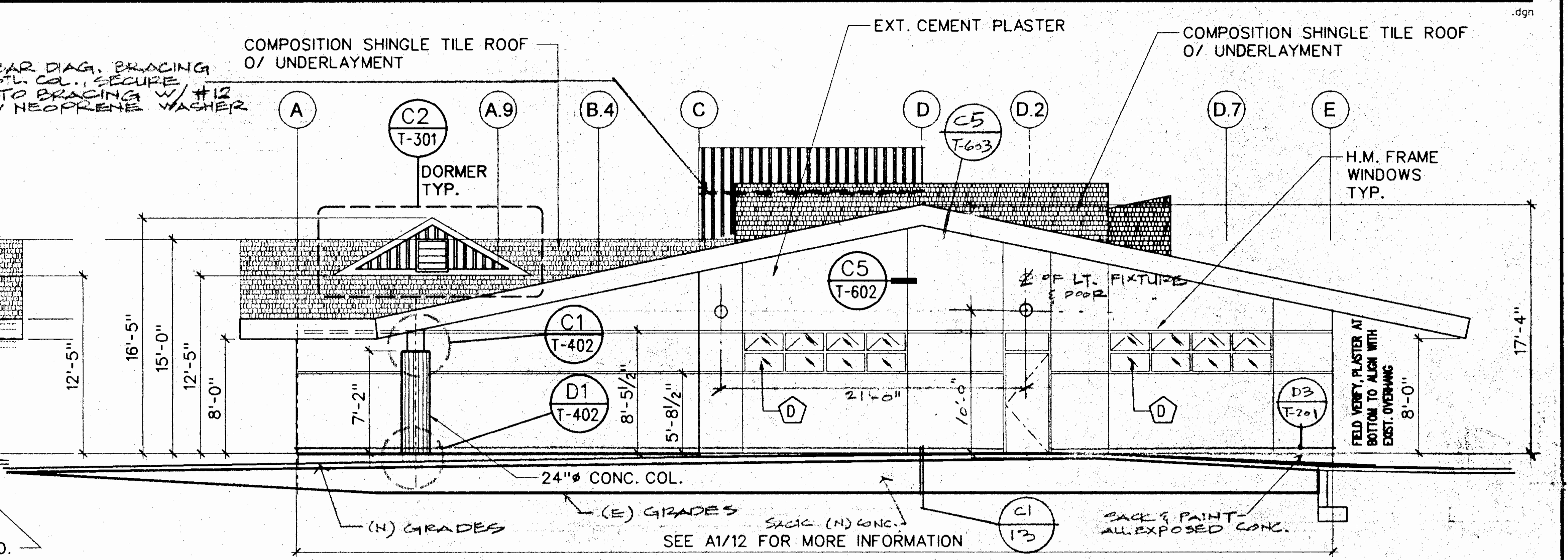
1/8"=1'-0"



DASHED LINE REPRESENTS THE SEISMIC SEPARATION. TYP.
D1 T-301
E
B2 T-602
B1 T-601
B2 A-12
D
C
B
EXTERIOR CEMENT PLASTER
FILL SKYLIGHT (N) FRAMING D1 T-601
2" X 1/4" FLAT BAR DIAG. BRACING WELD TO STL. COL., SECURE STL. DECK TO BRACING W/ #12 SCREWS W/ NEOPRENE WASHER @ 18" O.C.
COMPOSITION SHINGLE TILE ROOF O/ UNDERLAYMENT
(E) FRAMING TO REMAIN
D5 A-12
(E) CEMENT PLASTER TO REMAIN
D4 T-602
A4 T-602
17'-4"
18'-0" F.V.
8'-2"
7'-0"
12'-5"
REMOVE (E) LOCKERS
REFRAME & INSTALL (N) DOOR PATCH ALL FINISHES TO MATCH (E) ADJACENT SURFACES. TYP. U.N.O.
REMOVE WD. SIDING PROVIDE EXT. CEMENT PLASTER TO MATCH EXIST.
CONNECT TO S.D. SEE SHT 8
(E) LOCKERS TO REMAIN

4 SOUTH ELEVATION @ EXISTING COVERED

1/8"=1'-0"



3 SOUTH ELEVATION

1/8"=1'-0"

g:\grossmont\9822-1\a-5.sht Dec. 07, 1999 12:55:38

EXTERIOR ELEVATIONS

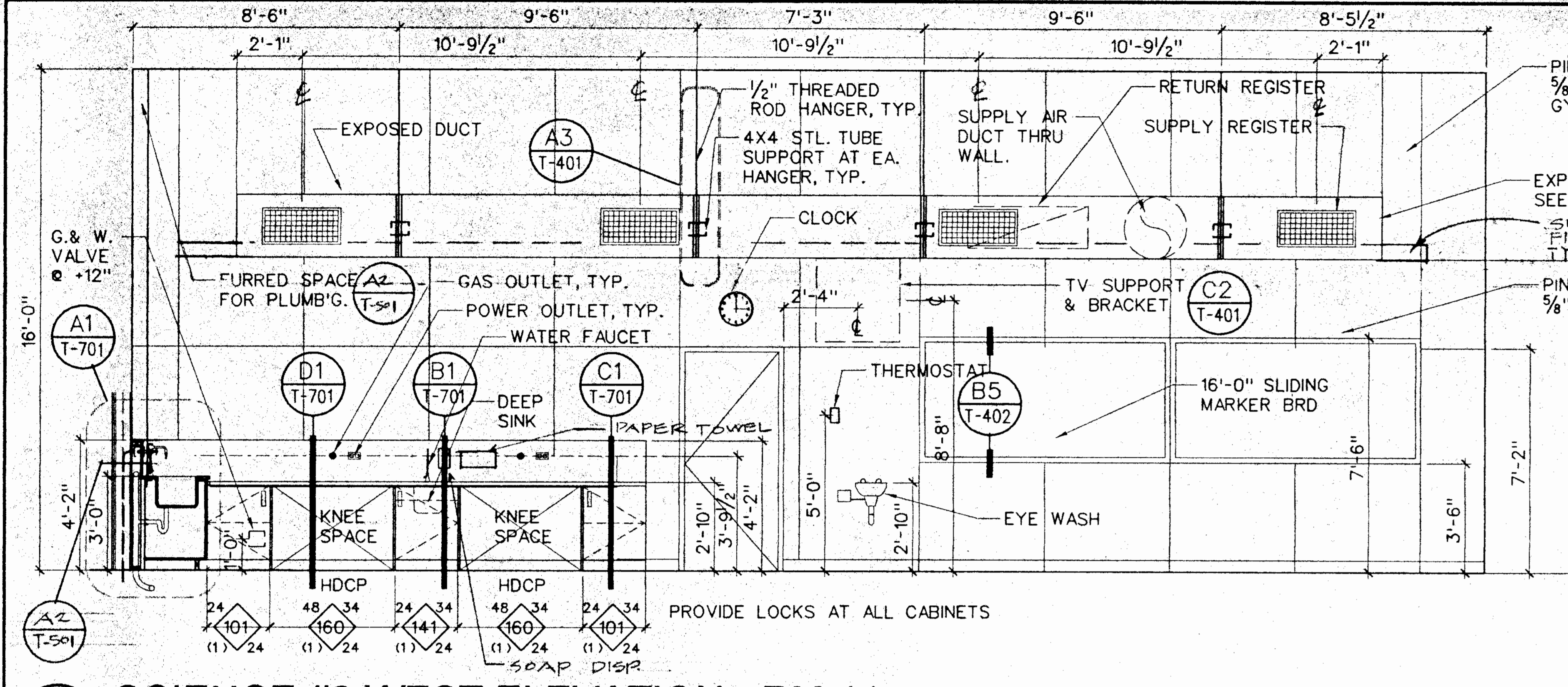
NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Li FLS ___ SS Q
DATE DEC 14 1999

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES 90039 (323) 660-1265

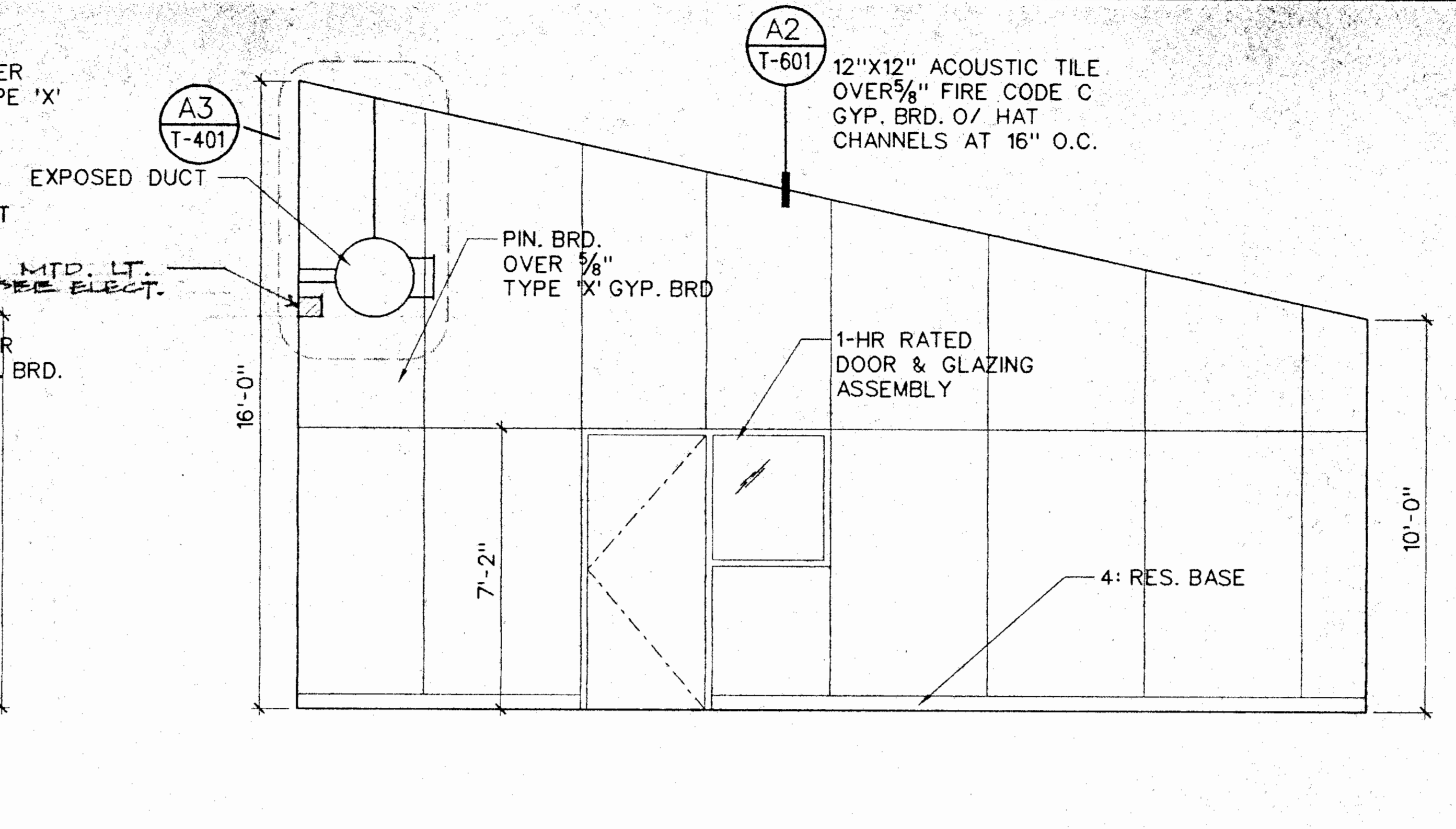
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-5
BINDING ORDER	25 of 82



1 SCIENCE #2 WEST ELEVATION - RM 111

1/4"-1'-0"

inels2 .dgn

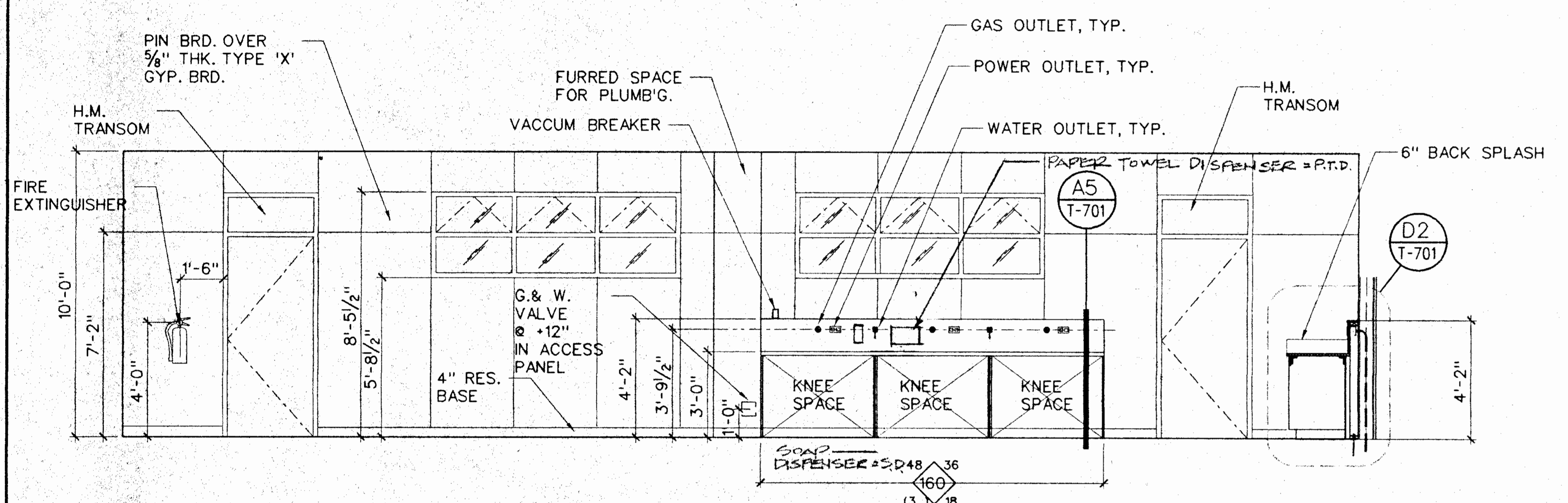

A2
T-601
12"X12" ACOUSTIC TILE OVER 5/8" FIRE CODE C GYP. BRD. O/ HAT CHANNELS AT 16" O.C.
A3
T-401
EXPOSED DUCT
PIN. BRD. OVER 5/8" TYPE 'X' GYP. BRD
1-HR RATED DOOR & GLAZING ASSEMBLY
4" RES. BASE
16'-0"
10'-0"
7'-2"

TYPICAL NOTES
1. ALL CABINET DOORS & DRAWERS TO BE LOCKABLE EXCEPT IN PREP. RM * 112 TYPICAL.
2. ALL SHELVES TO HAVE EARTHQUAKE GUARDS.
3. ALL DRAWERS TO BE FULL DEPTH, WITH FULL EXTENSION GUIDES.
4. ALL DRAWERS TO BE 5 1/2" MIN. HEIGHT.
5. ALL CASTERS TO BE SWIVEL, LOCKABLE TYPE.
6. ALL COUNTERTOPS TO BE EPOXYRESIN
7. ALL BACKSPLASHES TO BE EPOXY RESIN.
8. PROVIDE FIRE CODE C AND HAT CHANNELS AT 16" O.C. UNDER ALL TJI'S. PER DET. A2/T-601
9. PROVIDE 5/8" GYP. BRD FOR THE FULL HEIGHT AT ALL WALLS.

2 SCIENCE #2-NORTH ELEVATION - RM 111

1/4"-1'-0"

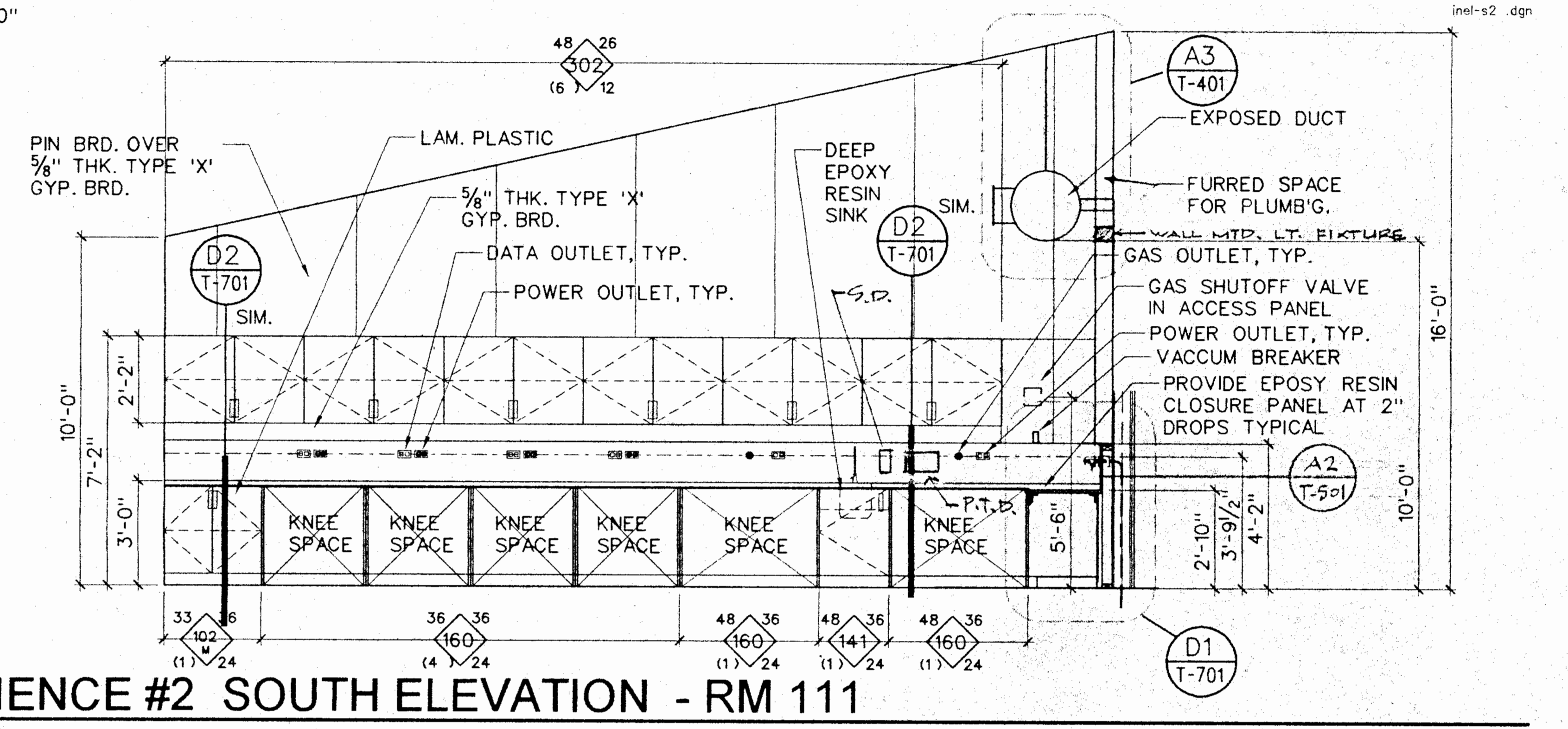
inel-s2 .dgn



3 SCIENCE #2 EAST ELEVATION - RM 111

1/4"-1'-0"

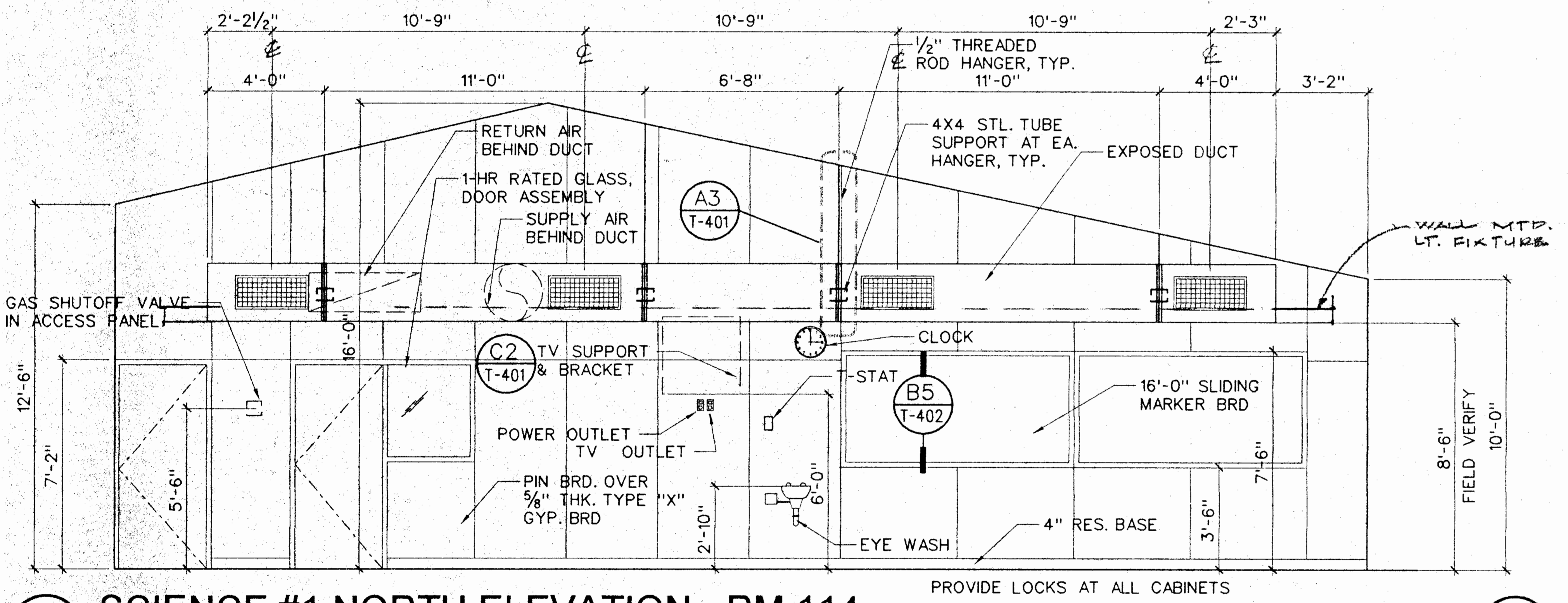
inels2 .dgn



4 SCIENCE #2 SOUTH ELEVATION - RM 111

1/4"-1'-0"

inel s2 .dgn

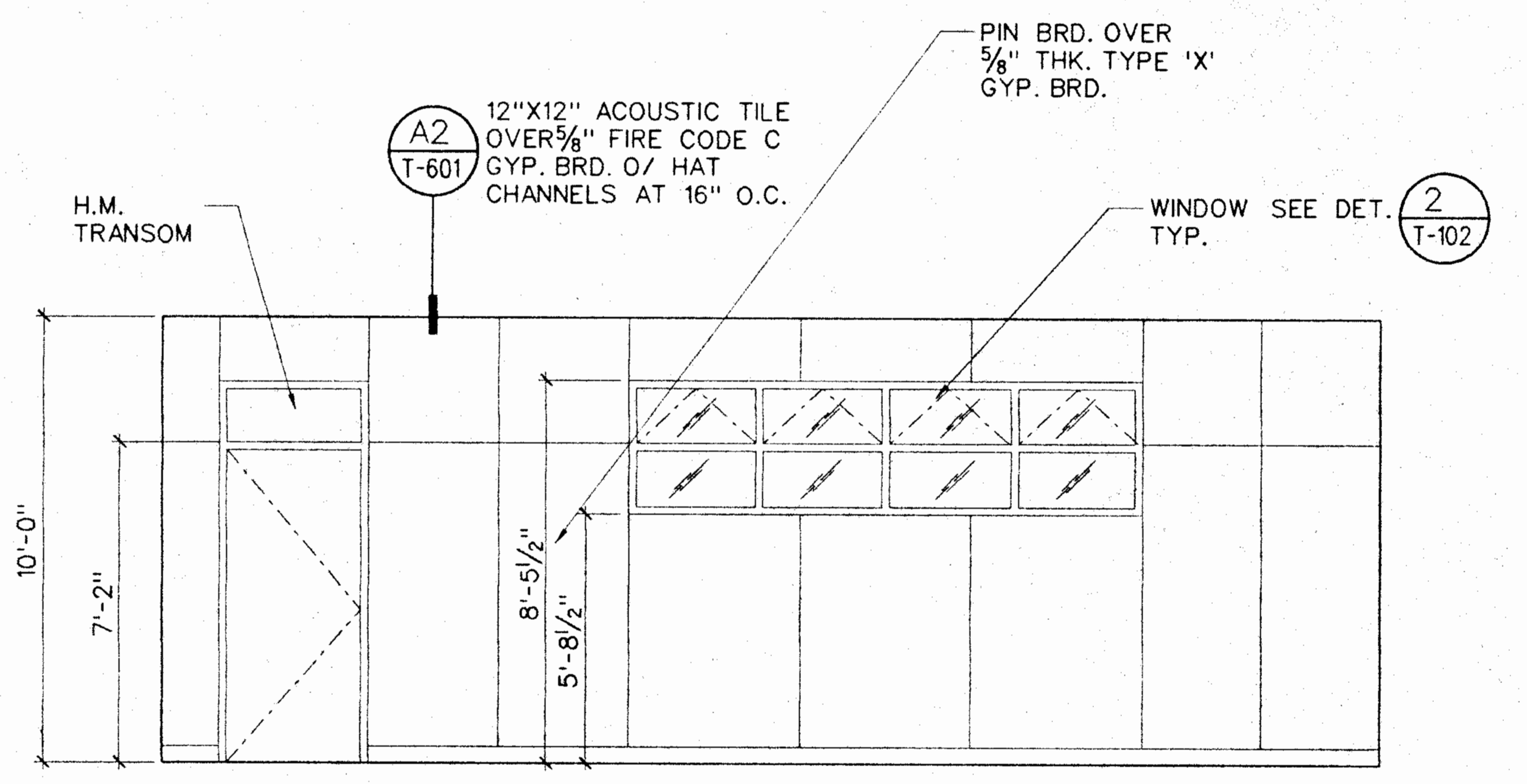


PROVIDE LOCKS AT ALL CABINETS

5 SCIENCE #1 NORTH ELEVATION - RM 114

1/4"-1'-0"

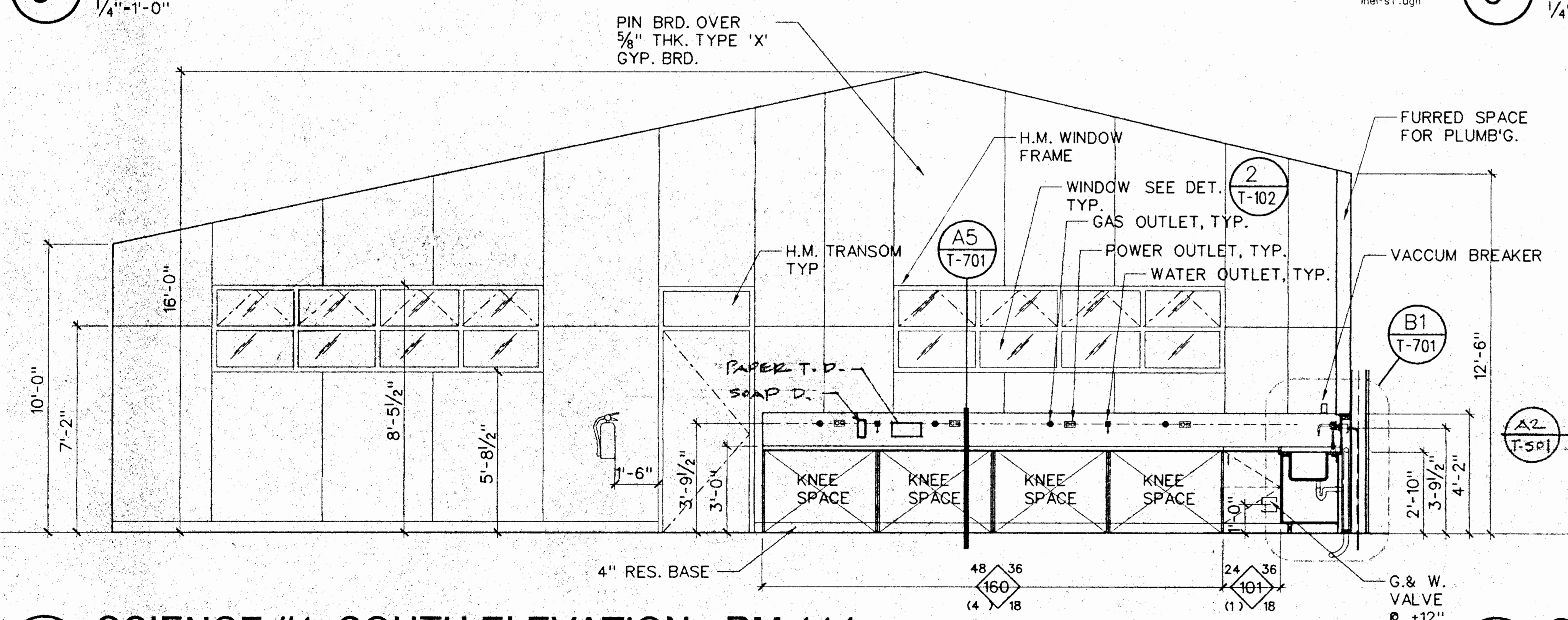
inel-s1 .dgn


PIN BRD. OVER 5/8" THK. TYPE 'X' GYP. BRD.
A2
T-601
12"X12" ACOUSTIC TILE OVER 5/8" FIRE CODE C GYP. BRD. O/ HAT CHANNELS AT 16" O.C.
H.M. TRANSOM
WINDOW SEE DET. 2 T-102 TYP.
10'-0"
7'-2"
8'-5 1/2"
5'-8 1/2"

6 SCIENCE #1 EAST ELEVATION - RM 114

1/4"-1'-0"

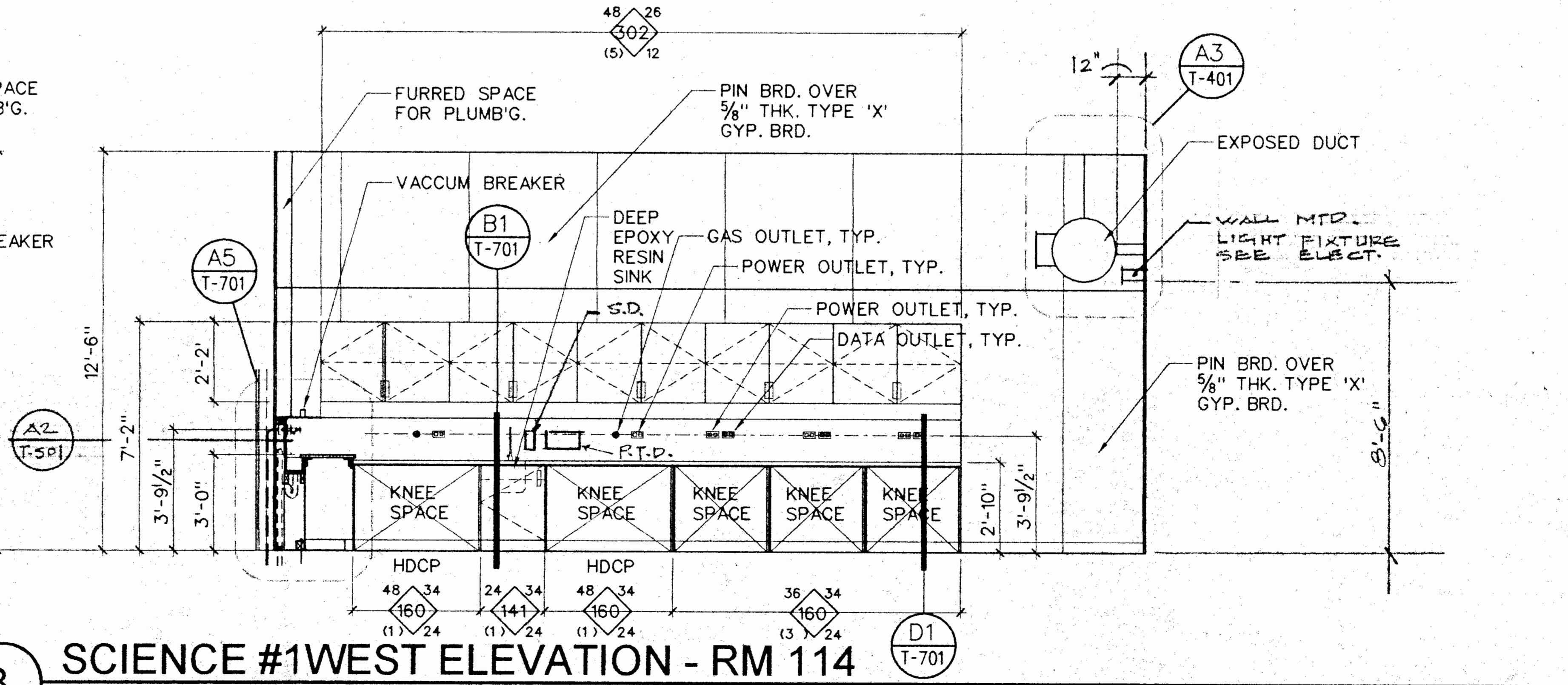
inel-s1 .dgn



7 SCIENCE #1 SOUTH ELEVATION - RM 114

1/4"-1'-0"

inel-s1 .dgn



8 SCIENCE #1WEST ELEVATION - RM 114

1/4"-1'-0"

inel-s1 .dgn

INTERIOR ELEVATIONS

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

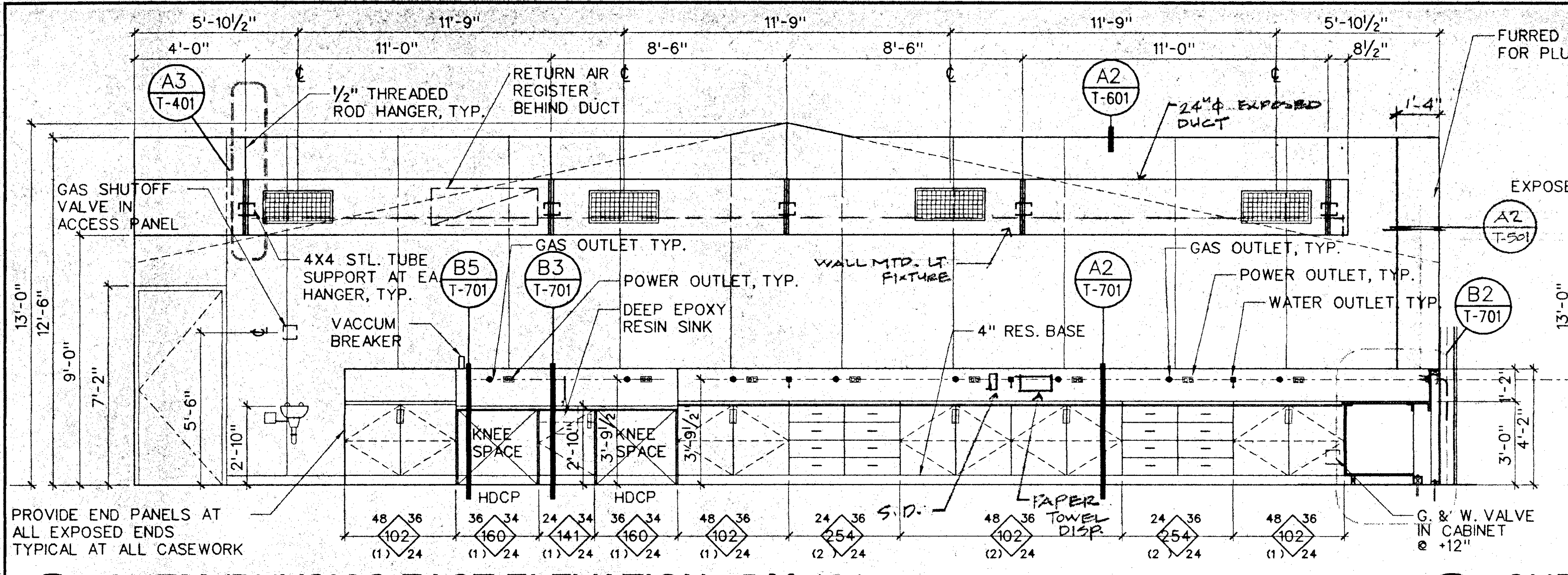
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC *ai* FLS SS *CK*
DATE *DEC 14 1999*

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 666 1265

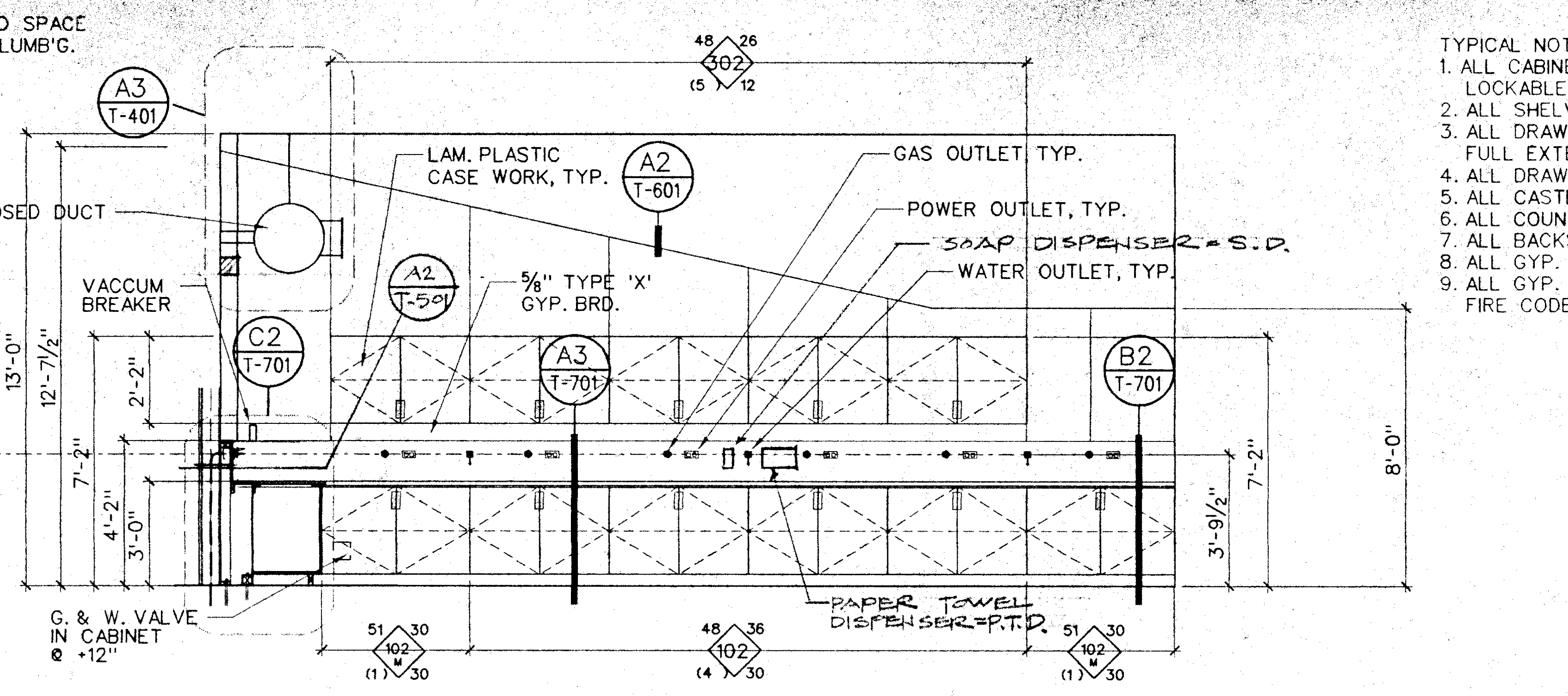
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-6
BINDING ORDER	26 OF 82

d:\grossmont\9822-1\a-6.sht Dec. 05, 1999 11:27:58


5'-10½"
11'-9"
11'-0"
8'-6"
½" THREADED ROD HANGER, TYP.
RETURN AIR REGISTER BEHIND DUCT
GAS SHUTOFF VALVE IN ACCESS PANEL
4X4 STL. TUBE SUPPORT AT EA. HANGER, TYP.
VACCUM BREAKER
GAS OUTLET TYP.
POWER OUTLET, TYP.
DEEP EPOXY RESIN SINK
WATER OUTLET TYP.
4" RES. BASE
WALL MTD. LT. FIXTURE
24"Ø EXPOSED DUCT
FURRED SPACE FOR PLUMB'G.
KNEE SPACE
HDCP
S.D.
PAPER TOWEL DISP.
G. & W. VALVE IN CABINET @ +12"
PROVIDE END PANELS AT ALL EXPOSED ENDS TYPICAL AT ALL CASEWORK
A3 T-401
A2 T-601
B5 T-701
B3 T-701
A2 T-701
B2 T-701
A2 T-501

1 CHEM./PHYSICS EAST ELEVATION - RM 101

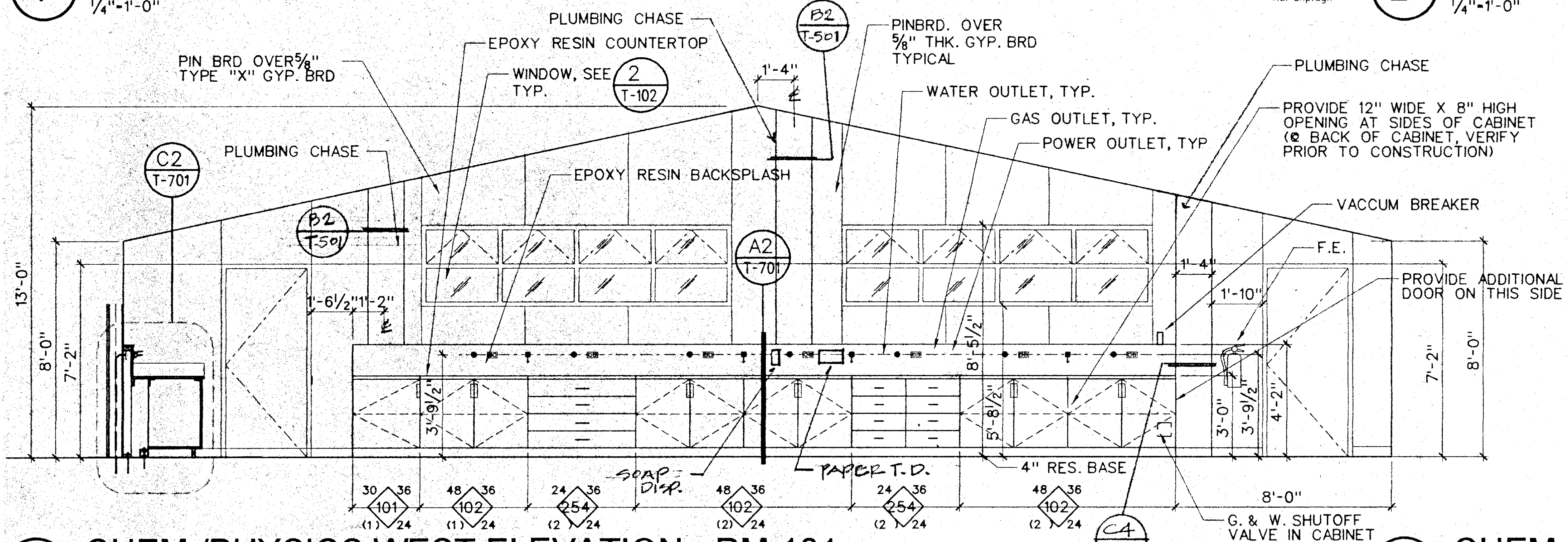
¼"=1'-0"



2 CHEM./PHYSICS SOUTH ELEVATION - RM 101

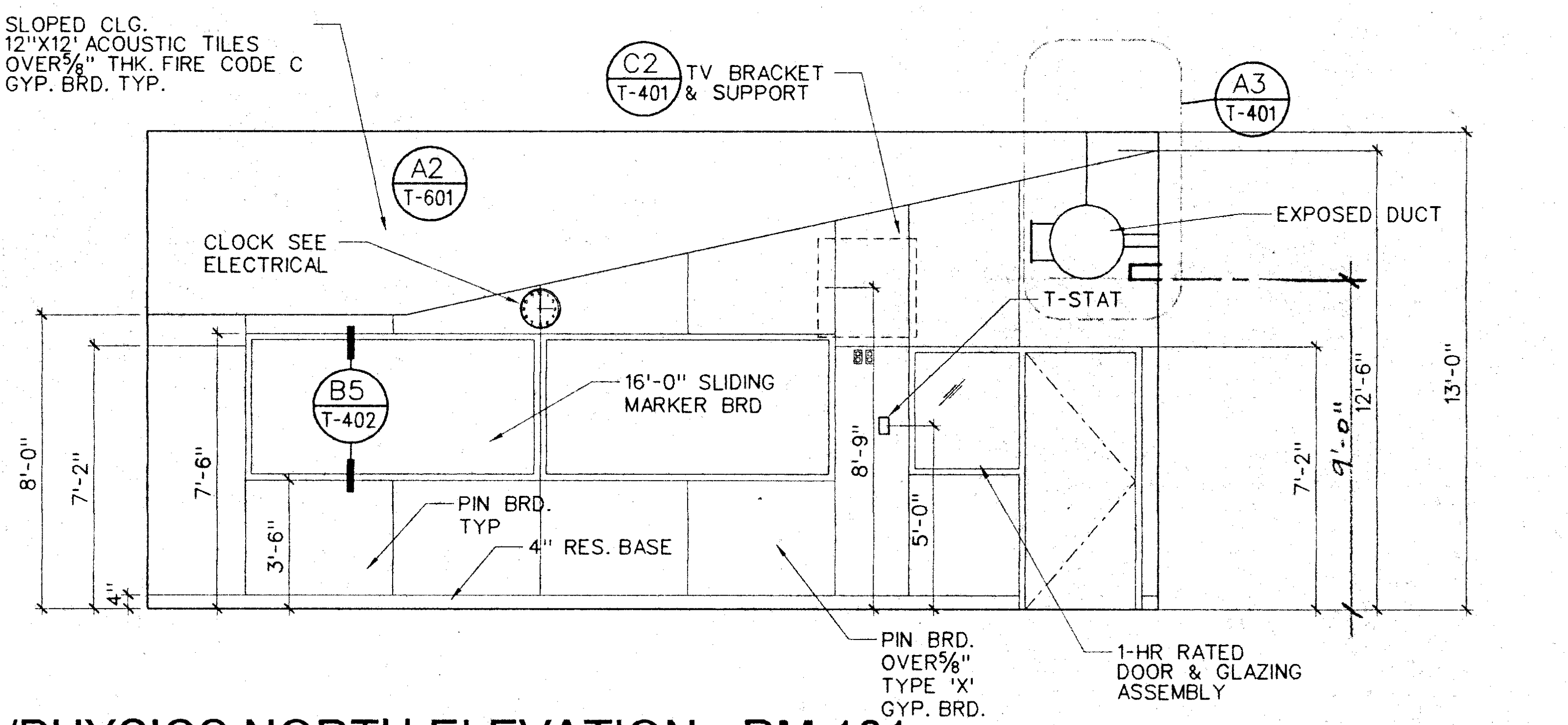
¼"=1'-0"

TYPICAL NOTES
1. ALL CABINET DOORS & DRAWERS TO BE LOCKABLE EXCEPT IN PREP. RM * 112 TYPICAL.
2. ALL SHELVES TO HAVE EARTHQUAKE GUARDS.
3. ALL DRAWERS TO BE FULL DEPTH, WITH FULL EXTENSION GUIDES.
4. ALL DRAWERS TO BE 5½" MIN. HEIGHT.
5. ALL CASTERS TO BE SWIVEL, LOCKABLE TYPE.
6. ALL COUNTERTOPS TO BE EPOXYRESIN
7. ALL BACKSPLASHES TO BE EPOXY RESIN.
8. ALL GYP. BRD AT WALLS TO BE⅝" THK. TYPE 'X'
9. ALL GYP. BRD AT UNDERSIDE OF TJI'S TO BE⅝" FIRE CODE C. INSTALLED OVER HAT CHANNELS AT 16" O.C.


PLUMBING CHASE
EPOXY RESIN COUNTERTOP
PIN BRD OVER⅝" TYPE "X" GYP. BRD
WINDOW, SEE 2 T-102 TYP.
PINBRD. OVER ⅝" THK. GYP. BRD TYPICAL
WATER OUTLET, TYP.
GAS OUTLET, TYP.
POWER OUTLET, TYP
EPOXY RESIN BACKSPLASH
PROVIDE 12" WIDE X 8" HIGH OPENING AT SIDES OF CABINET (@ BACK OF CABINET, VERIFY PRIOR TO CONSTRUCTION)
VACCUM BREAKER
F.E.
PROVIDE ADDITIONAL DOOR ON THIS SIDE
SOAP DISP.
PAPER T.D.
4" RES. BASE
G. & W. SHUTOFF VALVE IN CABINET @ +12"
C2 T-701
B2 T-501
A2 T-701
C4 T-501

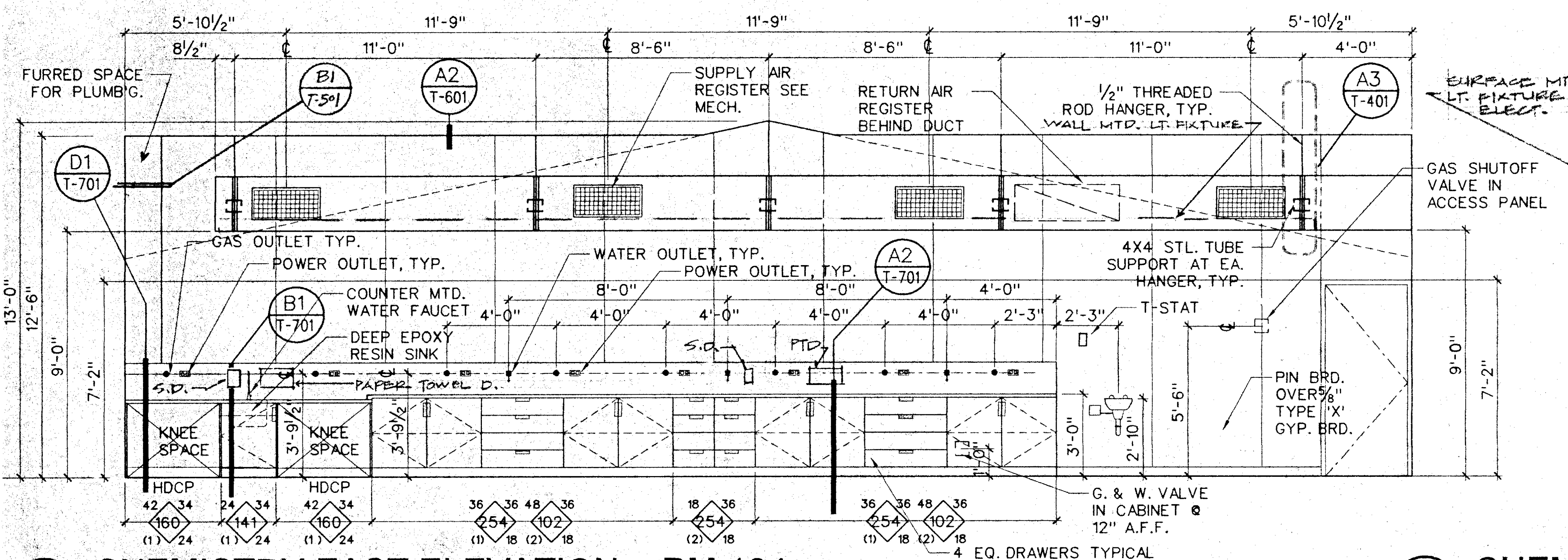
3 CHEM./PHYSICS WEST ELEVATION - RM 101

¼"=1'-0"


SLOPED CLG. 12"X12" ACOUSTIC TILES OVER⅝" THK. FIRE CODE C GYP. BRD. TYP.
TV BRACKET & SUPPORT
EXPOSED DUCT
CLOCK SEE ELECTRICAL
T-STAT
16'-0" SLIDING MARKER BRD
PIN BRD. TYP
4" RES. BASE
PIN BRD. OVER⅝" TYPE 'X' GYP. BRD.
1-HR RATED DOOR & GLAZING ASSEMBLY
A2 T-601
C2 T-401
A3 T-401
B5 T-402

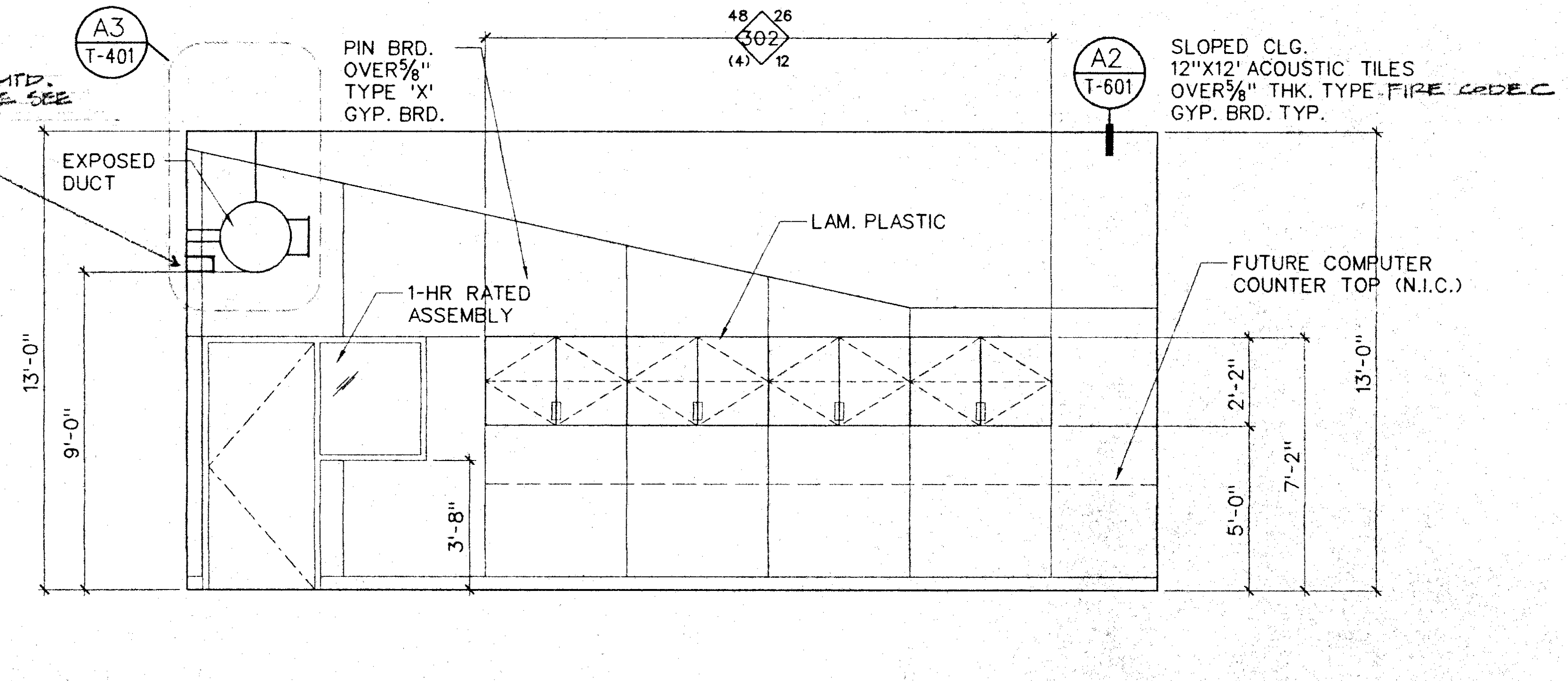
4 CHEM./PHYSICS NORTH ELEVATION - RM 101

¼"=1'-0"


FURRED SPACE FOR PLUMB'G.
SUPPLY AIR REGISTER SEE MECH.
RETURN AIR REGISTER BEHIND DUCT
½" THREADED ROD HANGER, TYP.
WALL MTD. LT. FIXTURE
GAS SHUTOFF VALVE IN ACCESS PANEL
GAS OUTLET TYP.
POWER OUTLET, TYP.
WATER OUTLET, TYP.
4X4 STL. TUBE SUPPORT AT EA. HANGER, TYP.
T-STAT
COUNTER MTD. WATER FAUCET
DEEP EPOXY RESIN SINK
PAPER TOWEL D.
S.D.
PTD
KNEE SPACE
HDCP
PIN BRD. OVER⅝" TYPE "X" GYP. BRD.
G. & W. VALVE IN CABINET @ 12" A.F.F.
4 EQ. DRAWERS TYPICAL AT ALL DRAWERS
D1 T-701
B1 T-501
A2 T-601
A3 T-401
B1 T-701
A2 T-701

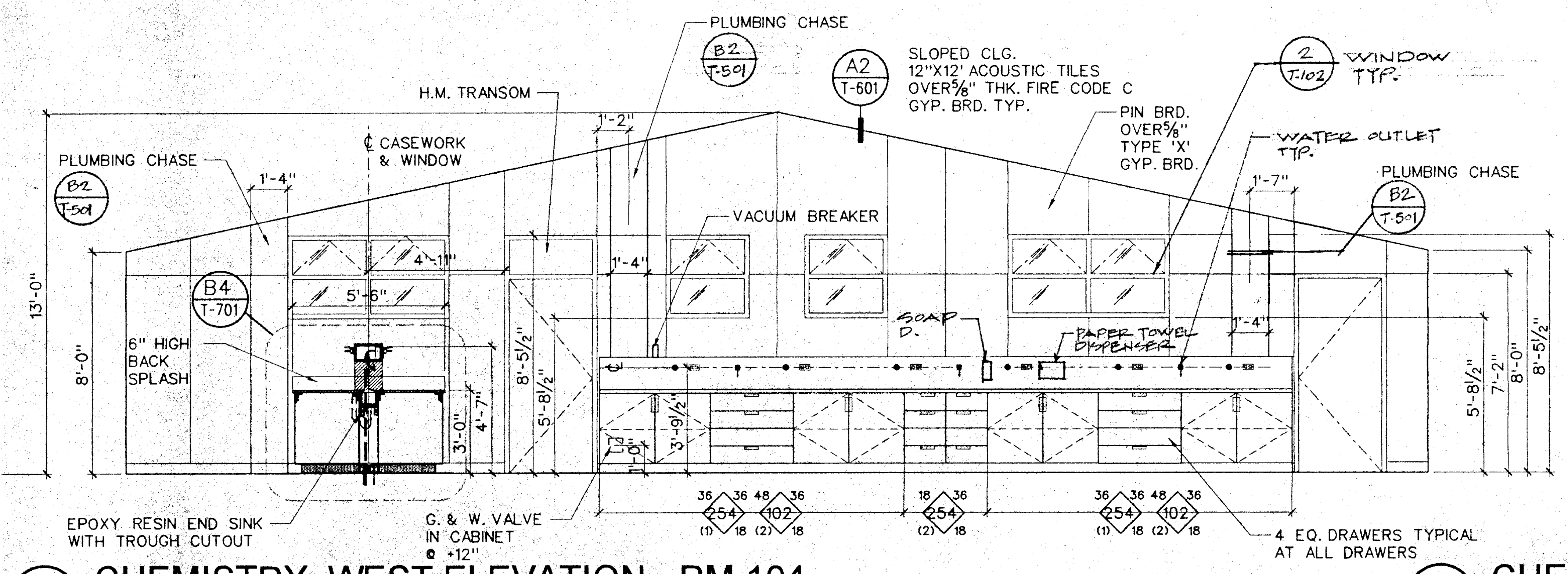
5 CHEMISTRY EAST ELEVATION - RM 104

¼"=1'-0"


SURFACE MTD. LT. FIXTURE SEE ELECT.
PIN BRD. OVER⅝" TYPE 'X' GYP. BRD.
SLOPED CLG. 12"X12" ACOUSTIC TILES OVER⅝" THK. TYPE FIRE CODE C GYP. BRD. TYP.
EXPOSED DUCT
LAM. PLASTIC
1-HR RATED ASSEMBLY
FUTURE COMPUTER COUNTER TOP (N.I.C.)
A3 T-401
A2 T-601

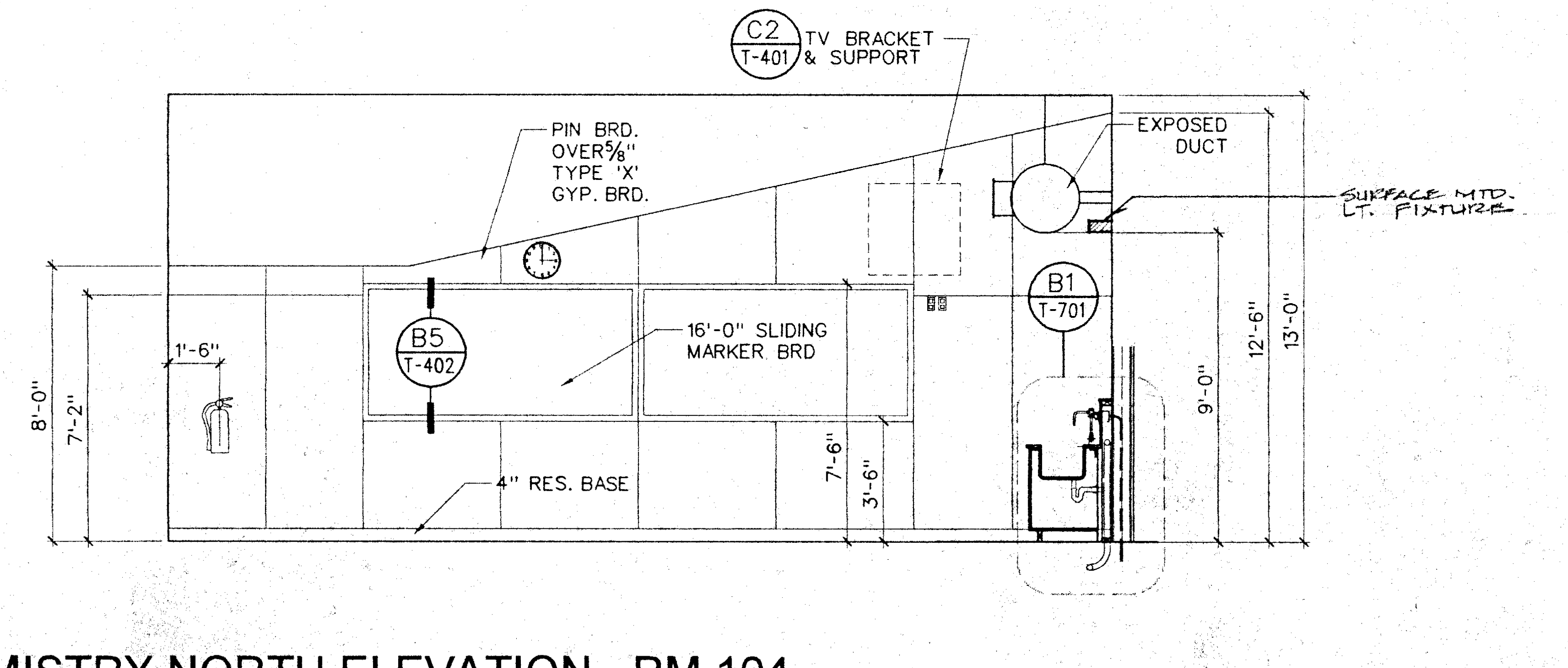
6 CHEMISTRY SOUTH ELEVATION - RM 104

¼"=1'-0"


PLUMBING CHASE
SLOPED CLG. 12"X12" ACOUSTIC TILES OVER⅝" THK. FIRE CODE C GYP. BRD. TYP.
WINDOW TYP.
H.M. TRANSOM
℄ CASEWORK & WINDOW
PIN BRD. OVER⅝" TYPE 'X' GYP. BRD.
WATER OUTLET TYP.
VACUUM BREAKER
6" HIGH BACK SPLASH
SOAP D.
PAPER TOWEL DISPENSER
EPOXY RESIN END SINK WITH TROUGH CUTOUT
G. & W. VALVE IN CABINET @ +12"
4 EQ. DRAWERS TYPICAL AT ALL DRAWERS
B2 T-501
A2 T-601
2 T-102
B4 T-701

7 CHEMISTRY WEST ELEVATION - RM 104

¼"=1'-0"



8 CHEMISTRY NORTH ELEVATION - RM 104

¼"=1'-0"

INTERIOR ELEVATIONS

CARMICHAEL-KEMP
ARCHITECTS, AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 | 666 | 1265

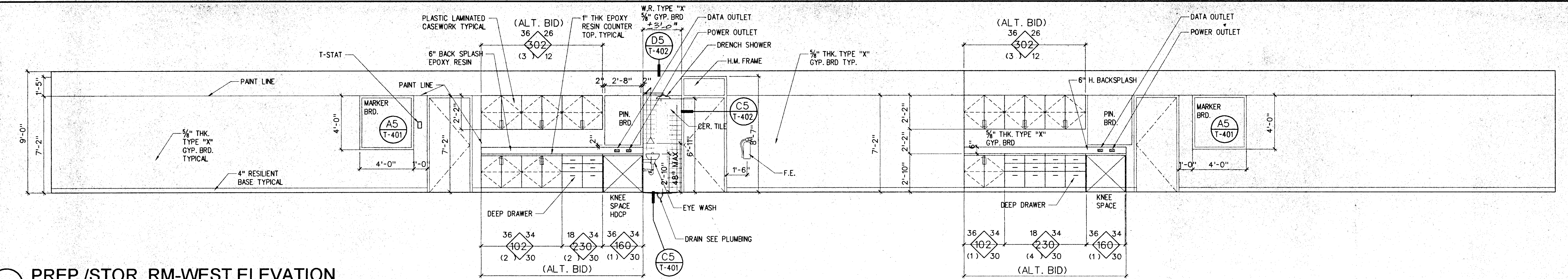
LICENSED ARCHITECT
TAMARA SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC FLS SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

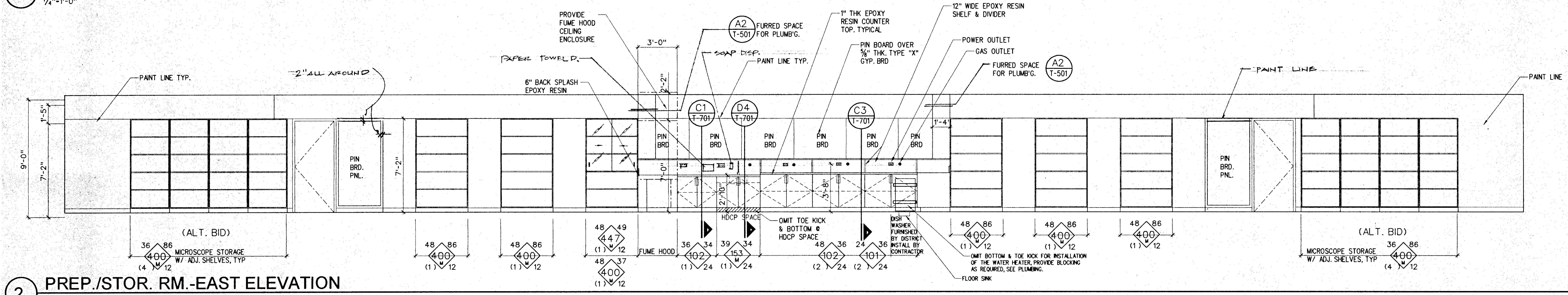
JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
A-7
BINDING ORDER 27 OF 82



1 PREP./STOR. RM-WEST ELEVATION

1/4"-1'-0"

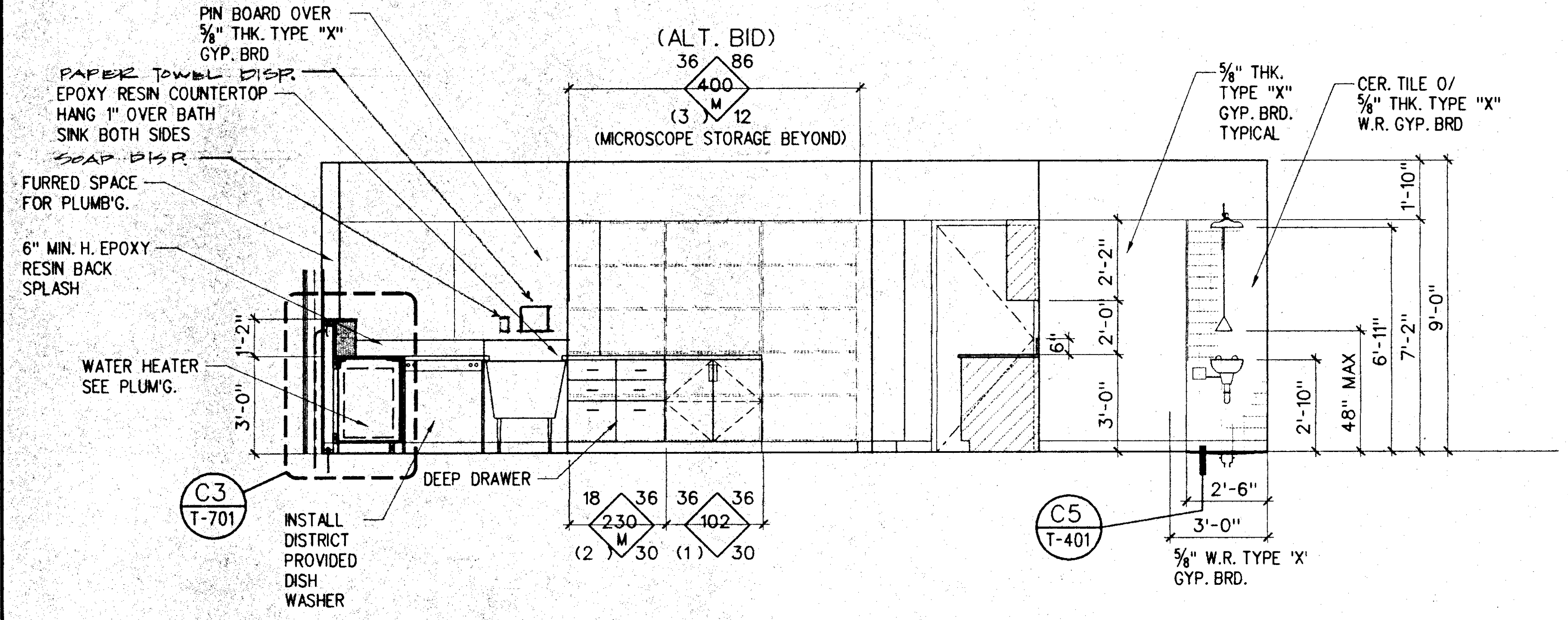
inelpre .dgn


PROVIDE FUME HOOD CEILING ENCLOSURE
3'-0"
A2 T-501 FURRED SPACE FOR PLUMB'G.
SOAP DISP.
PAPER TOWEL D.
PAINT LINE TYP.
"2" ALL AROUND
PAINT LINE TYP.
6" BACK SPLASH EPOXY RESIN
1" THK EPOXY RESIN COUNTER TOP. TYPICAL
PIN BOARD OVER 5/8" THK. TYPE "X" GYP. BRD
12" WIDE EPOXY RESIN SHELF & DIVIDER
POWER OUTLET
GAS OUTLET
FURRED SPACE FOR PLUMB'G.
A2 T-501
PAINT LINE
PAINT LINE
1'-5"
9'-0"
7'-2"
2'-2"
PIN BRD. PNL.
C1 T-701
D4 T-701
C3 T-701
PIN BRD
1'-4"
7'-0"
2'-10"
3'-8"
HDCP SPACE
OMIT TOE KICK & BOTTOM @ HDCP SPACE
DISH WASHER FURNISHED BY DISTRICT INSTALL BY CONTRACTOR
OMIT BOTTOM & TOE KICK FOR INSTALLATION OF THE WATER HEATER, PROVIDE BLOCKING AS REQUIRED, SEE PLUMBING.
FLOOR SINK
PIN BRD. PNL.
(ALT. BID)
36 86 400 M (4) 12
MICROSCOPE STORAGE W/ ADJ. SHELVES, TYP
48 86 400 M (1) 12
48 86 400 M (1) 12
48 49 447 M (1) 12
48 37 400 M (1) 12
FUME HOOD
36 34 102 (1) 24
39 34 153 M (1) 24
48 36 102 (2) 24
24 36 101 (2) 24
48 86 400 M (1) 12
48 86 400 M (1) 12
48 86 400 M (1) 12
(ALT. BID)
MICROSCOPE STORAGE W/ ADJ. SHELVES, TYP
36 86 400 M (4) 12

2 PREP./STOR. RM.-EAST ELEVATION

1/4"-1'-0"

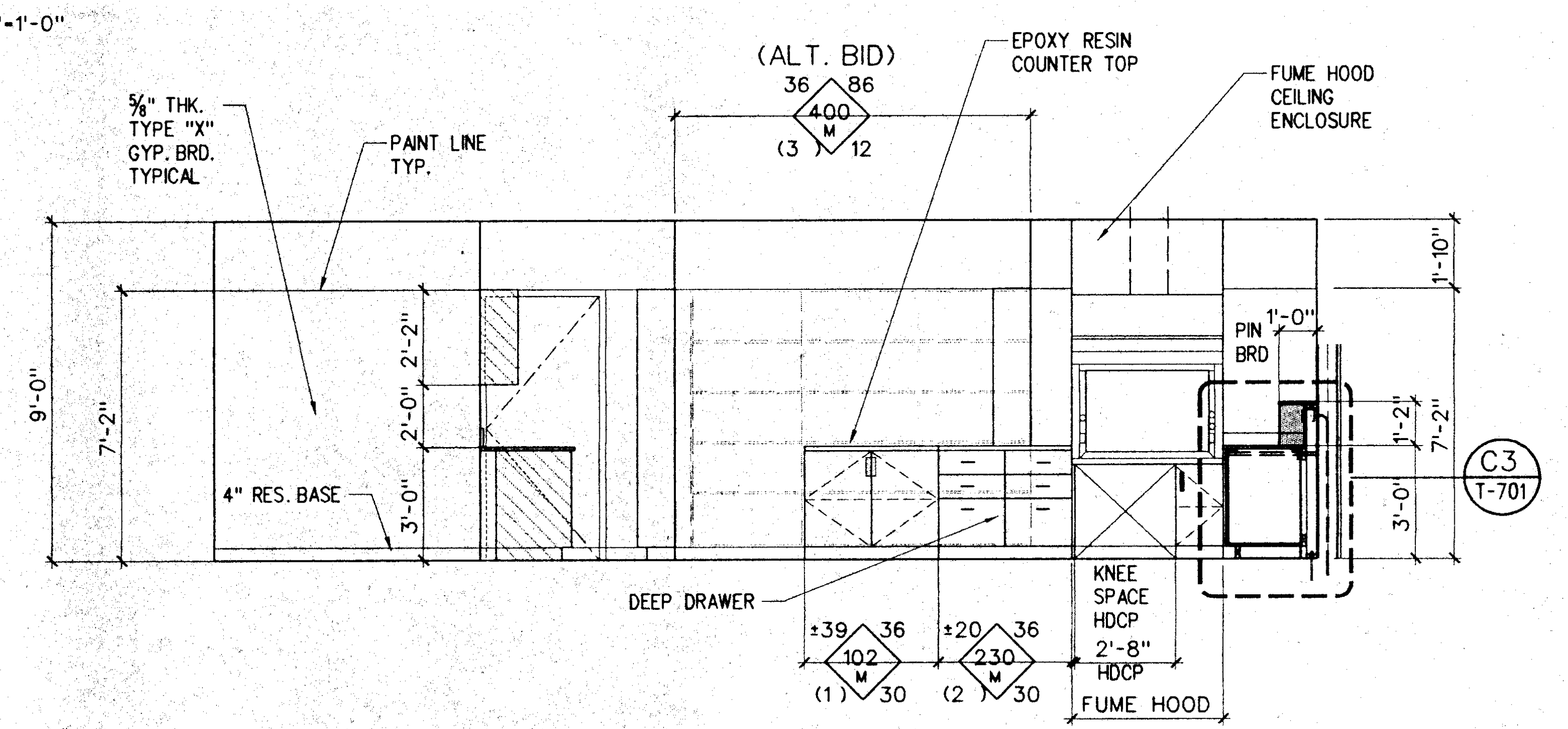
inelpre .dgn


PIN BOARD OVER 5/8" THK. TYPE "X" GYP. BRD
PAPER TOWEL DISP.
EPOXY RESIN COUNTERTOP HANG 1" OVER BATH SINK BOTH SIDES
SOAP DISP.
FURRED SPACE FOR PLUMB'G.
6" MIN. H. EPOXY RESIN BACK SPLASH
WATER HEATER SEE PLUM'G.
1'-2"
3'-0"
C3 T-701
DEEP DRAWER
INSTALL DISTRICT PROVIDED DISH WASHER
(ALT. BID)
36 86 400 M (3) 12
(MICROSCOPE STORAGE BEYOND)
18 36 230 M (2) 30
36 36 102 (1) 30
5/8" THK. TYPE "X" GYP. BRD. TYPICAL
CER. TILE O/ 5/8" THK. TYPE "X" W.R. GYP. BRD
2'-2"
2'-0"
3'-0"
6"
1'-10"
6'-11"
7'-2"
9'-0"
2'-10"
48" MAX
2'-6"
3'-0"
C5 T-401
5/8" W.R. TYPE 'X' GYP. BRD.

3 PREP./STOR. RM.-SOUTH ELEVATION

1/4"-1'-0"

inelpre .dgn

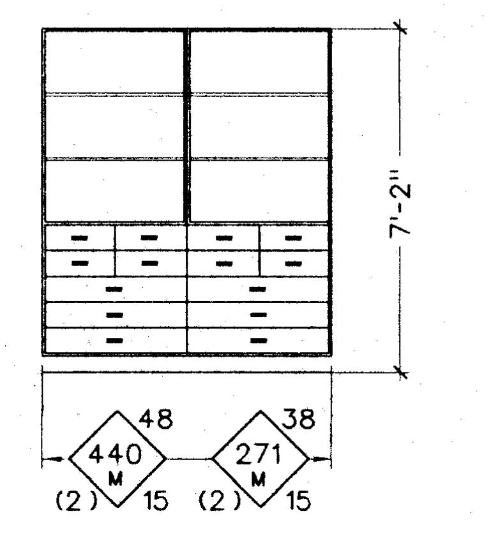


4 PREP./STOR. RM.-NORTH ELEVATION

1/4"-1'-0"

inelpre .dgn

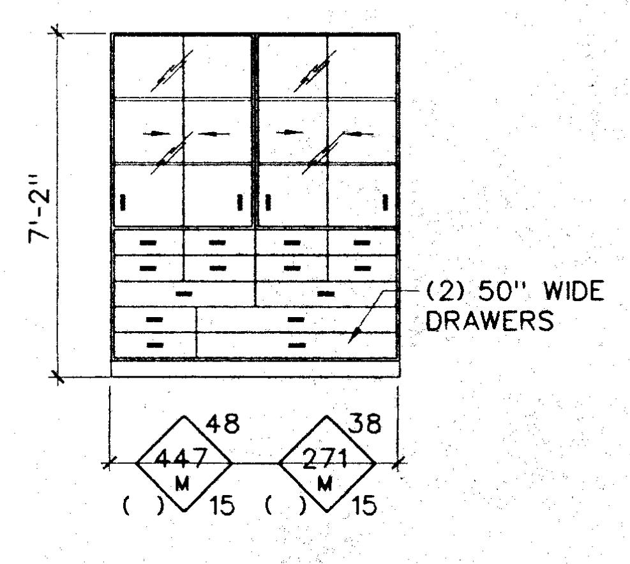
TYPICAL NOTES
1. ALL CABINET DOORS & DRAWERS TO BE LOCKABLE EXCEPT IN PREP. RM * 112 TYPICAL.
2. ALL SHELVES TO HAVE EARTHQUAKE GUARDS.
3. ALL DRAWERS TO BE FULL DEPTH, WITH FULL EXTENSION GUIDES.
4. ALL DRAWERS TO BE 5½" MIN. HEIGHT.
5. ALL CASTERS TO BE SWIVEL, LOCKABLE TYPE.
6. ALL COUNTERTOPS TO BE EPOXYRESIN
7. ALL BACKSPLASHES TO BE EPOXY RESIN.
8. AT WALLS ALL GYP.BRD FULL HEIGHT⅝" THK TYPE 'X'
9. AT UNDERSIDE OF ALL TJI'S ⅝" FIRE CODE C OVER⅞" HAT CHANNELS @ 16"O.C.



8 ELEVATION

1/4"-1'-0"

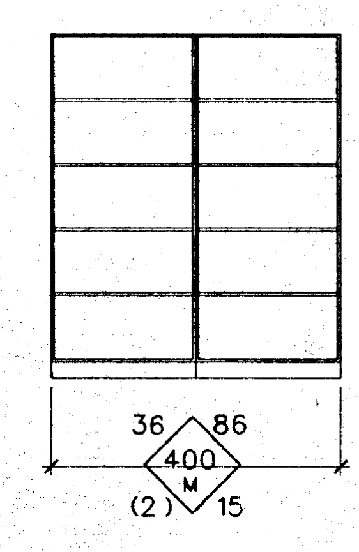
.dgn



9 ELEVATION

1/4"-1'-0"

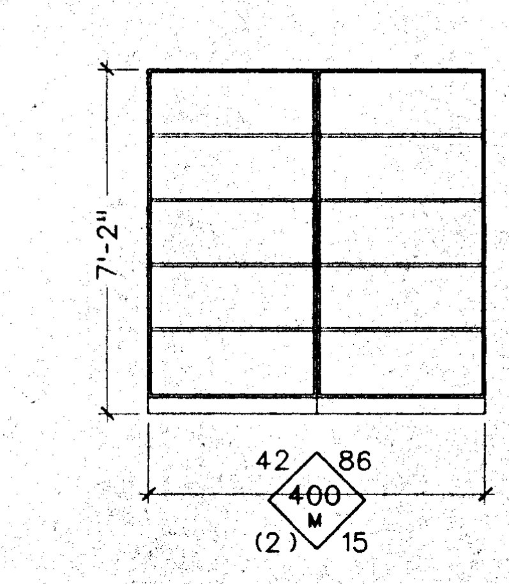
.dgn



10 ELEVATION

1/4"-1'-0"

.dgn



11 ELEVATION

1/4"-1'-0"

.dgn

INTERIOR ELEVATIONS, PREP. ROOM

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

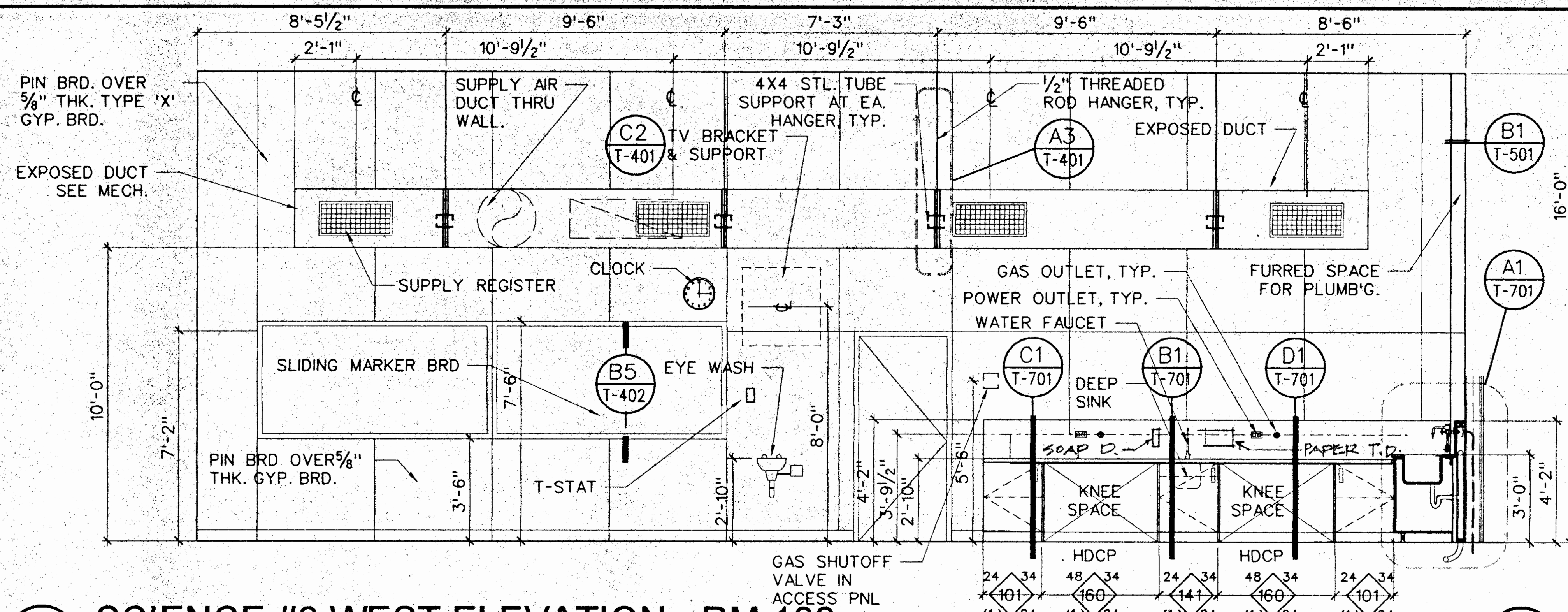
LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Li FLS SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

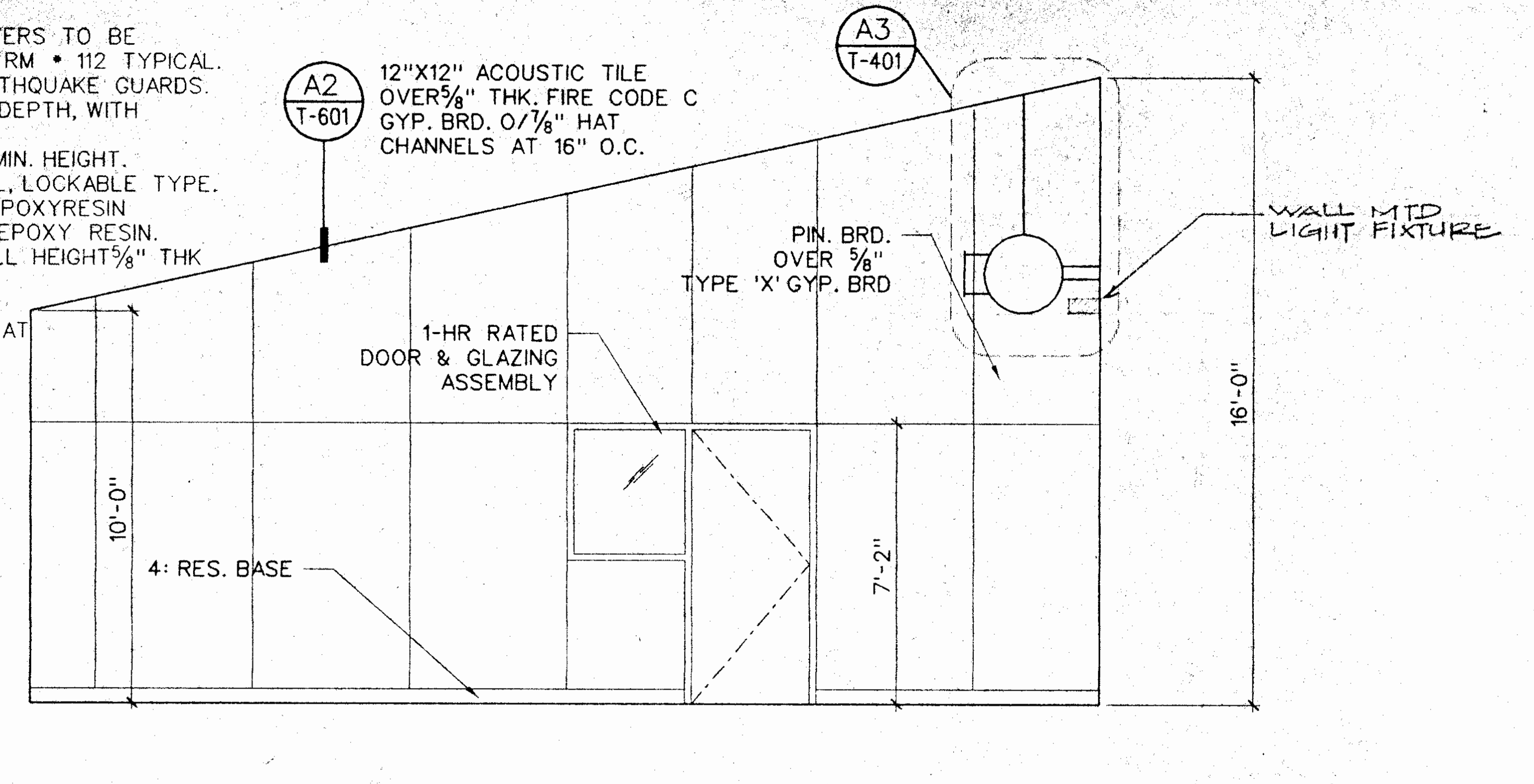
JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
A-8
BINDING ORDER 28 OF 82

TYPICAL NOTES
1. ALL CABINET DOORS & DRAWERS TO BE LOCKABLE EXCEPT IN PREP. RM • 112 TYPICAL.
2. ALL SHELVES TO HAVE EARTHQUAKE GUARDS.
3. ALL DRAWERS TO BE FULL DEPTH, WITH FULL EXTENSION GUIDES.
4. ALL DRAWERS TO BE 5½" MIN. HEIGHT.
5. ALL CASTERS TO BE SWIVEL, LOCKABLE TYPE.
6. ALL COUNTERTOPS TO BE EPOXYRESIN
7. ALL BACKSPLASHES TO BE EPOXY RESIN.
8. AT WALLS ALL GYP.BRD FULL HEIGHT⅝" THK TYPE 'X'
9. AT UNDERSIDE OF ALL TJI'S ⅝" FIRE CODE C OVER⅞" HAT CHANNELS @ 16"O.C.



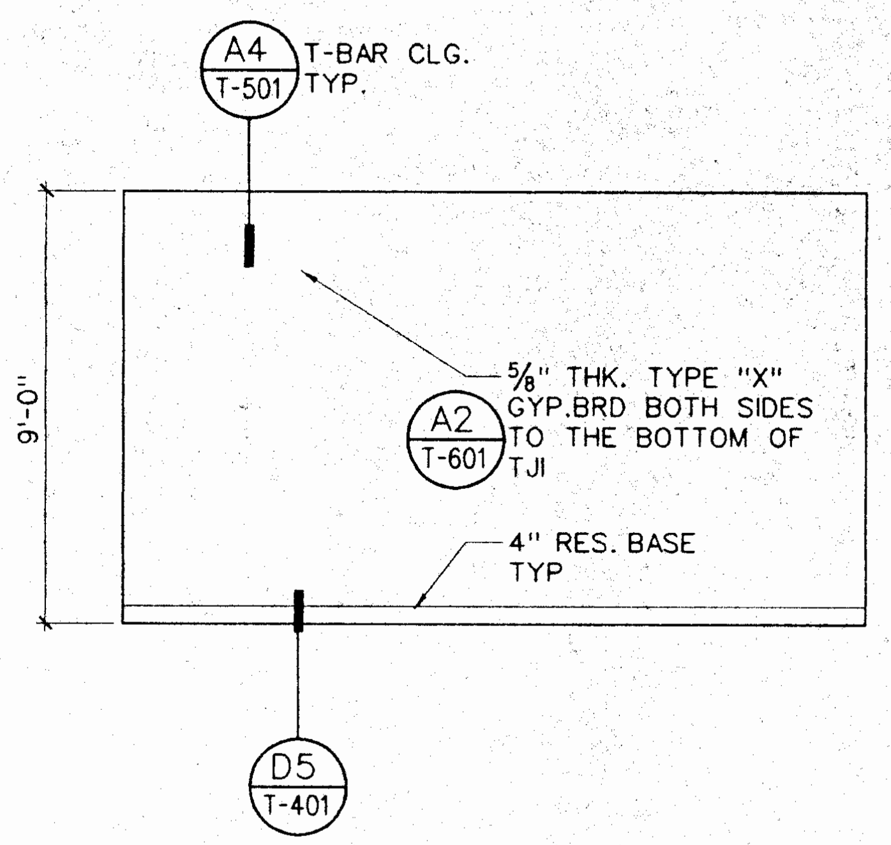
1 SCIENCE #3 WEST ELEVATION - RM 108

¼"=1'-0"


A2 T-601
12"X12" ACOUSTIC TILE OVER⅝" THK. FIRE CODE C GYP. BRD. O/⅞" HAT CHANNELS AT 16" O.C.
A3 T-401
WALL MTD LIGHT FIXTURE
PIN. BRD. OVER ⅝" TYPE 'X' GYP. BRD
1-HR RATED DOOR & GLAZING ASSEMBLY
4: RES. BASE
10'-0"
7'-2"
16'-0"

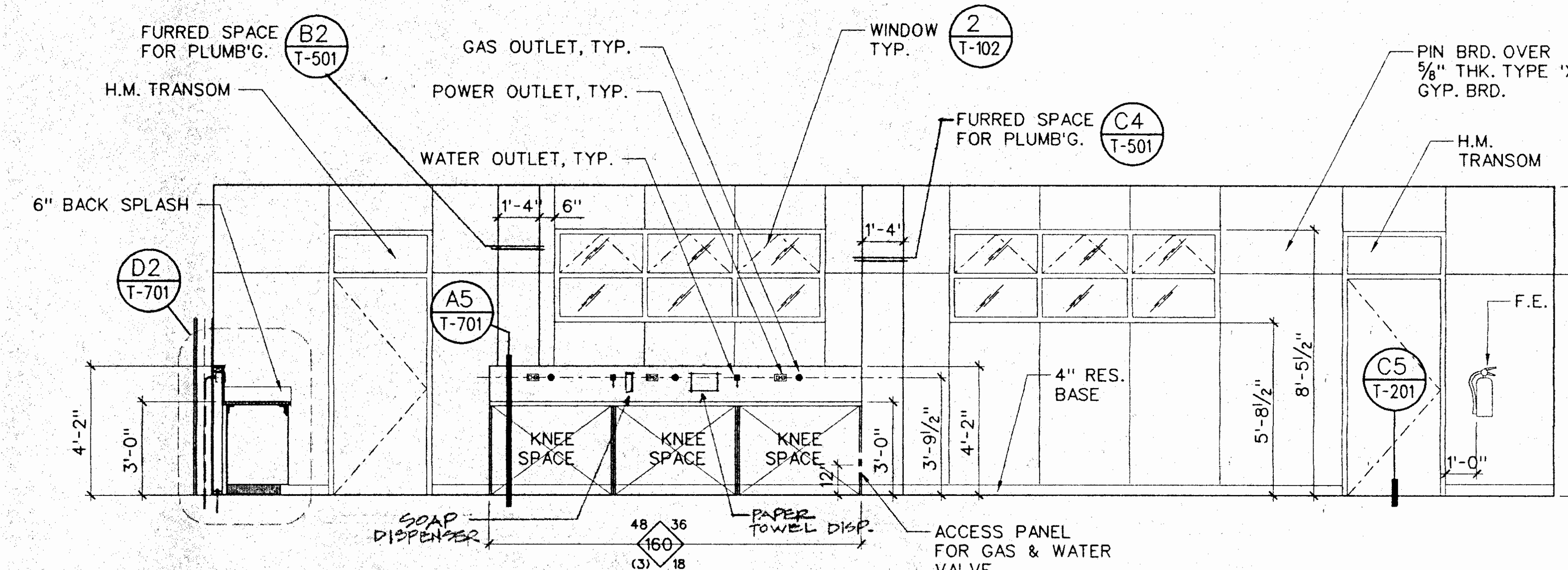
2 SCIENCE #3 SOUTH ELEVATION - RM 108

¼"=1'-0"



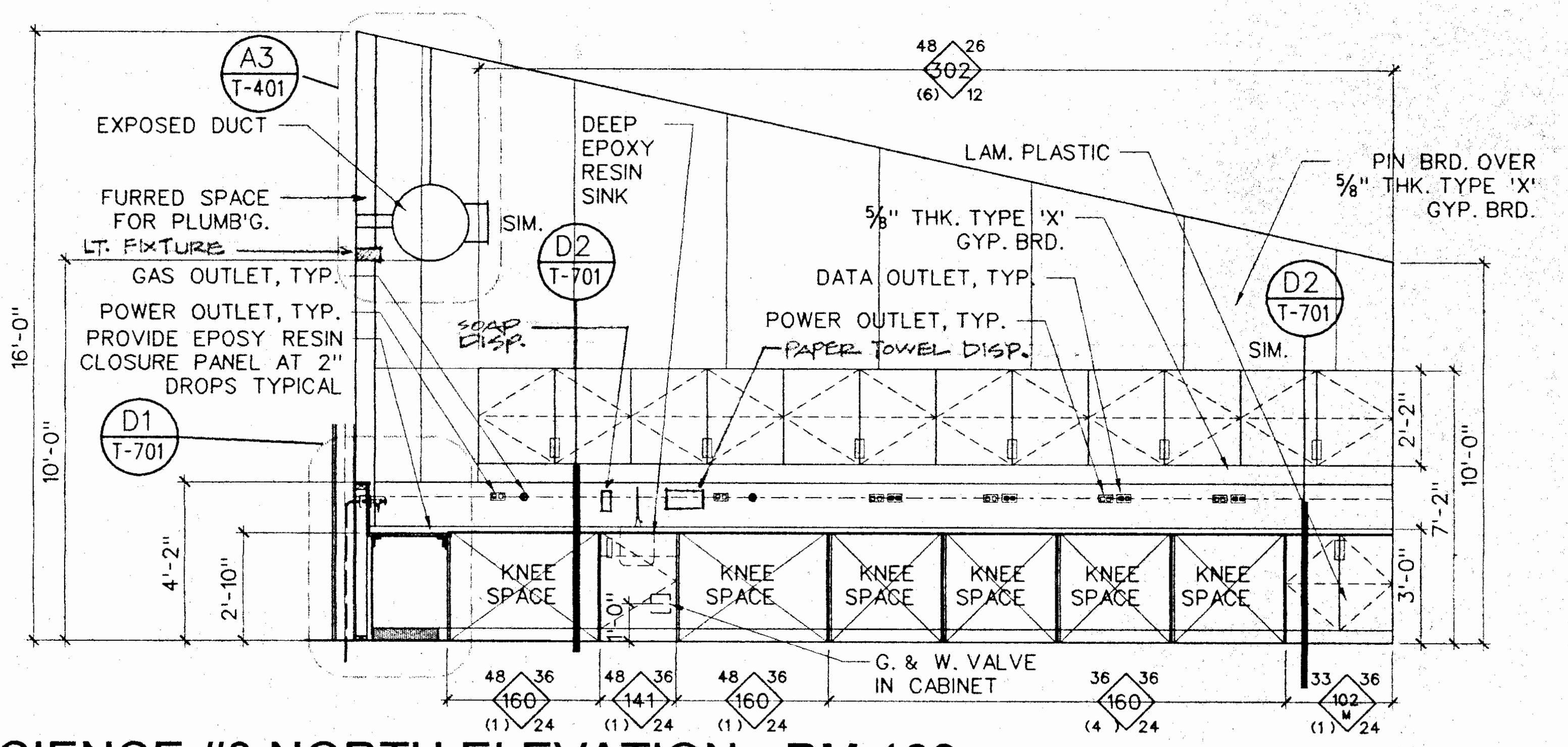
9 OFFICE 107 - WEST

¼"=1'-0"



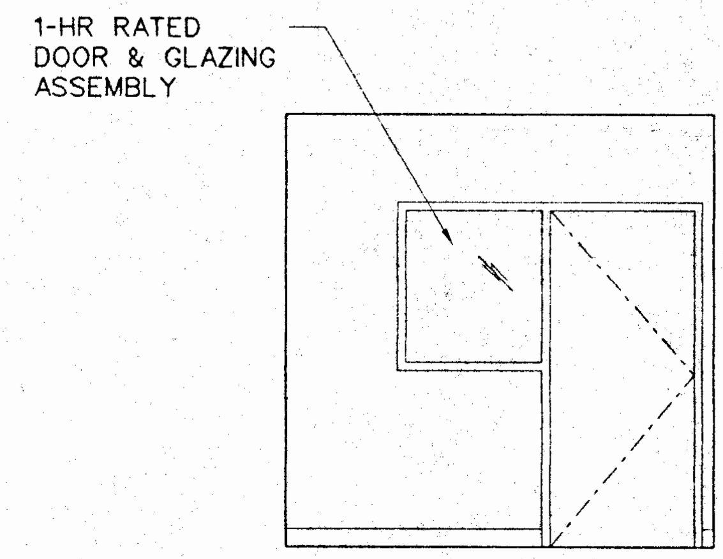
3 SCIENCE #3 EAST ELEVATION - RM 108

¼"=1'-0"



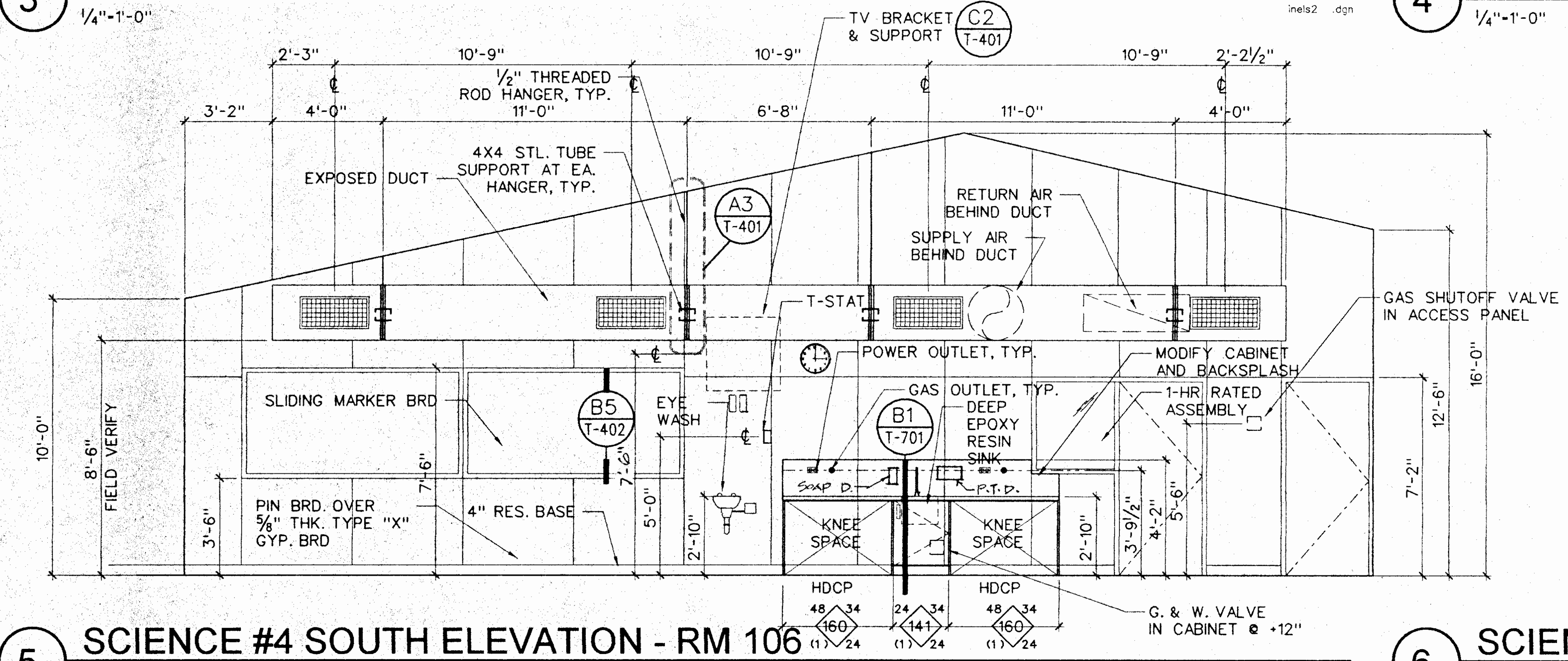
4 SCIENCE #3 NORTH ELEVATION - RM 108

¼"=1'-0"



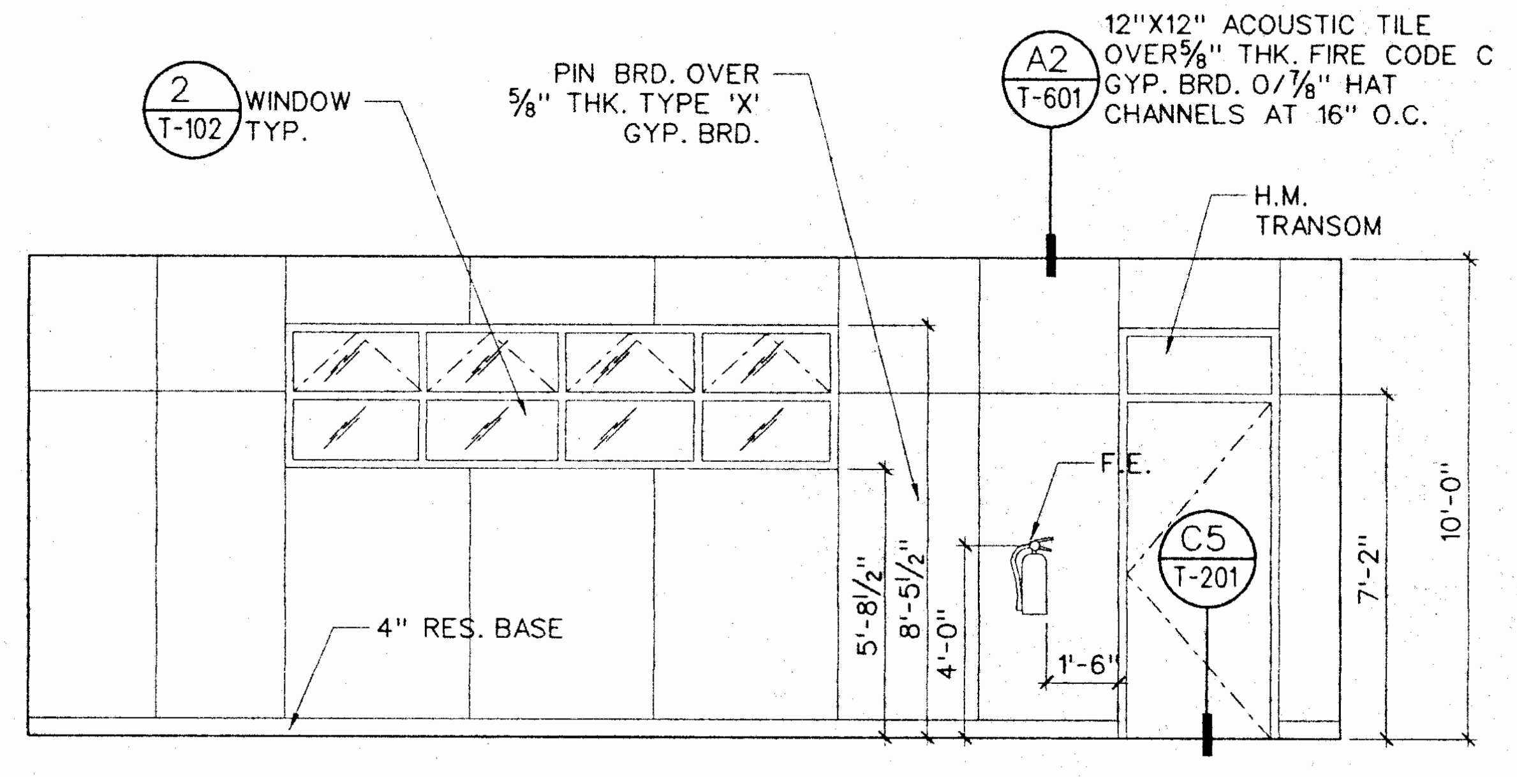
10 OFFICE 107 - NORTH

¼"=1'-0"



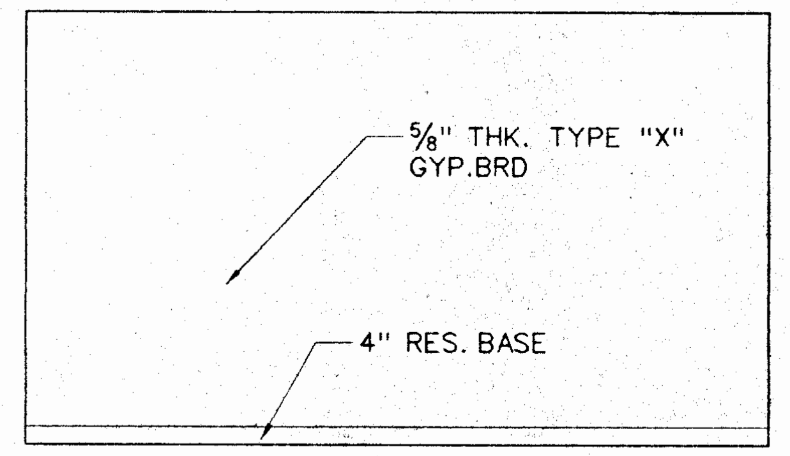
5 SCIENCE #4 SOUTH ELEVATION - RM 106

¼"=1'-0"


2 T-102
WINDOW TYP.
PIN BRD. OVER ⅝" THK. TYPE 'X' GYP. BRD.
A2 T-601
12"X12" ACOUSTIC TILE OVER⅝" THK. FIRE CODE C GYP. BRD. O/⅞" HAT CHANNELS AT 16" O.C.
H.M. TRANSOM
F.E.
C5 T-201
4" RES. BASE
10'-0"
7'-2"

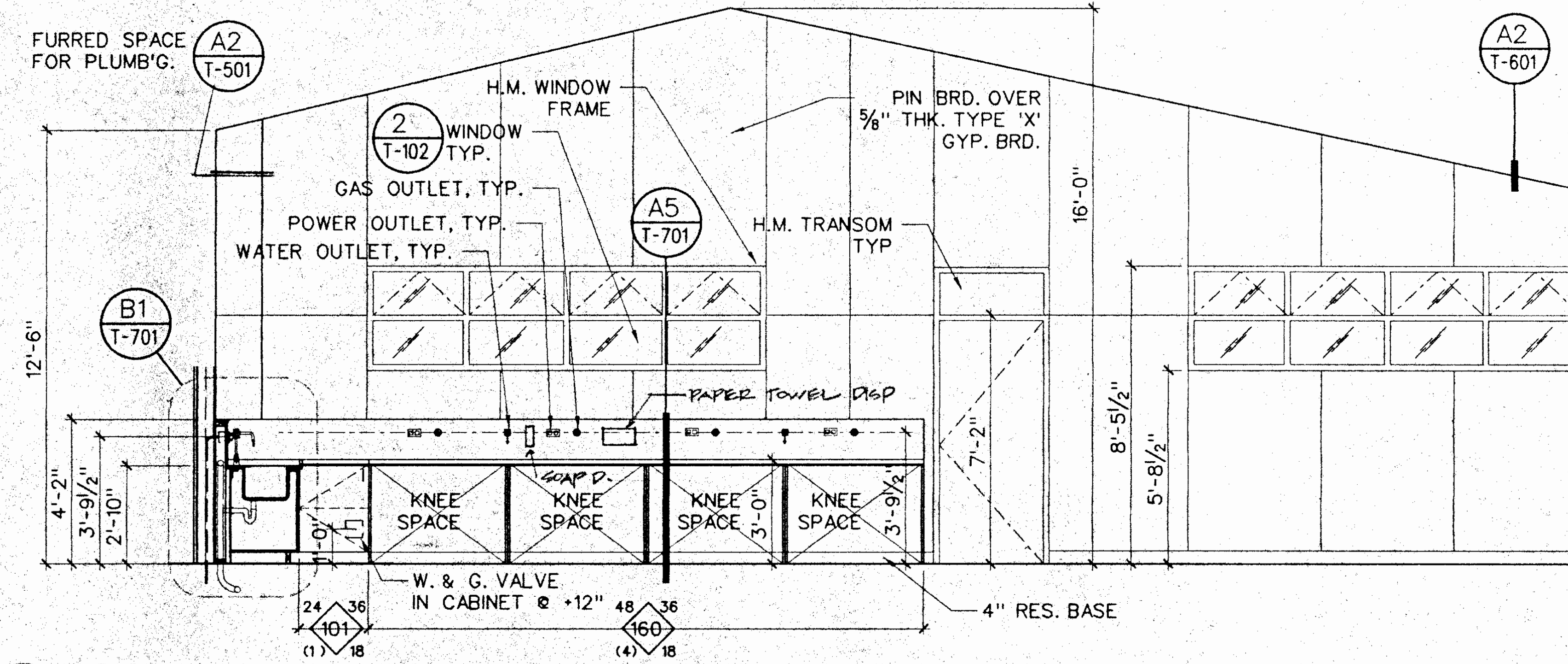
6 SCIENCE #4 EAST ELEVATION - RM 106

¼"=1'-0"



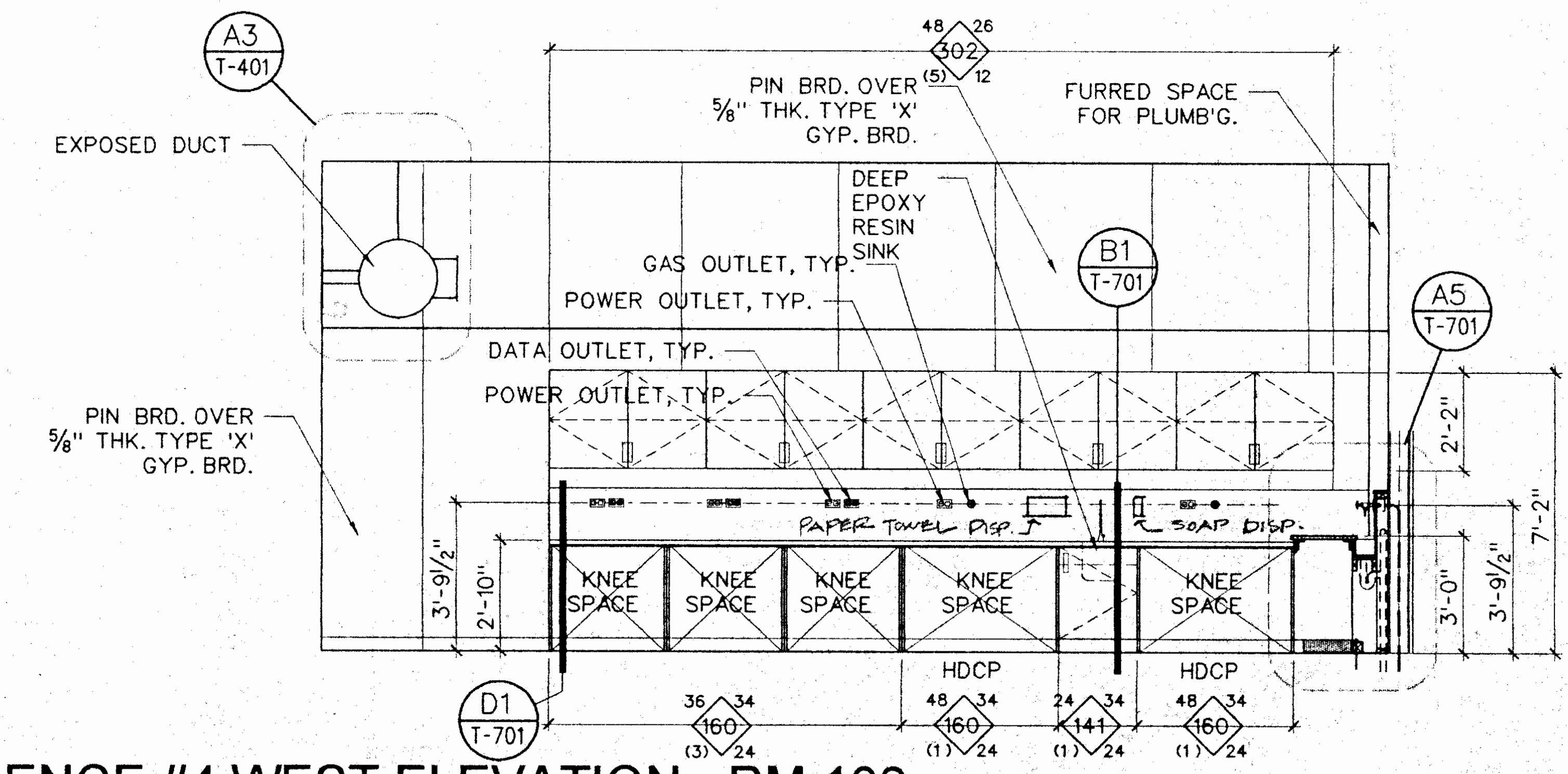
11 OFFICE 107 - EAST

¼"=1'-0"



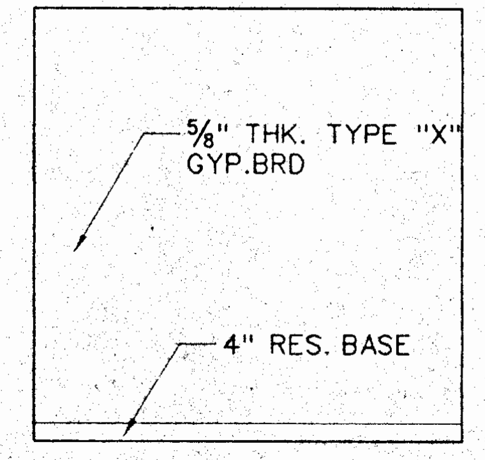
7 SCIENCE #4 NORTH ELEVATION - RM 106

¼"=1'-0"



8 SCIENCE #4 WEST ELEVATION - RM 106

¼"=1'-0"



12 OFFICE 107 - SOUTH

¼"=1'-0"

INTERIOR ELEVATIONS

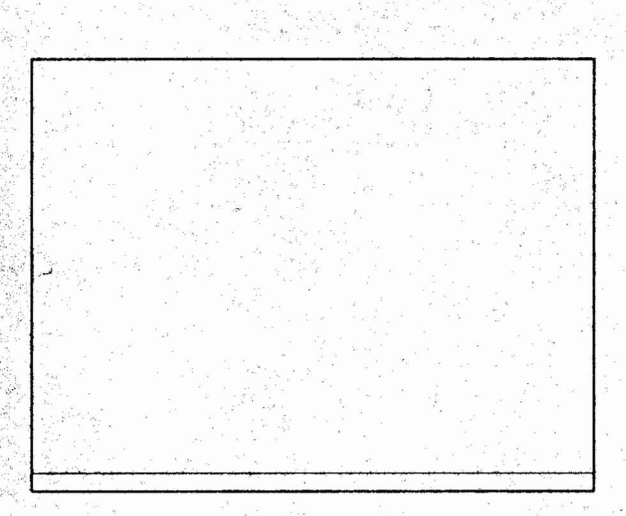
CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 1666 • 1265

LICENSED ARCHITECT TAMARA J. SCHAEFFER C 20592 EXPIRES NOV. 30, 2000 STATE OF CALIFORNIA

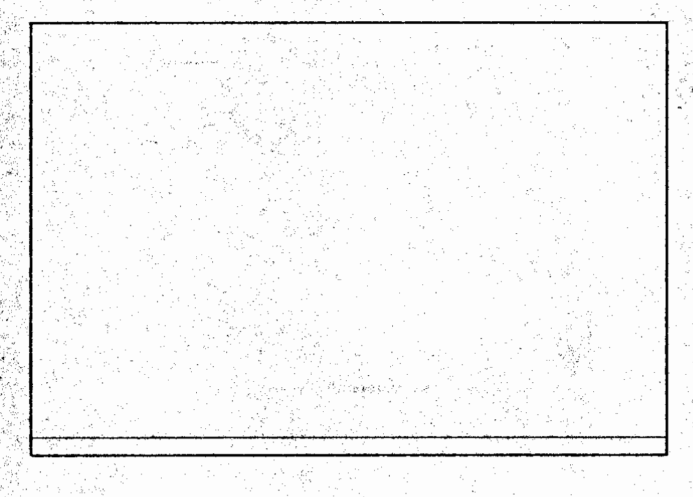
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC 6i FLS SS
DATE DEC 1 4 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

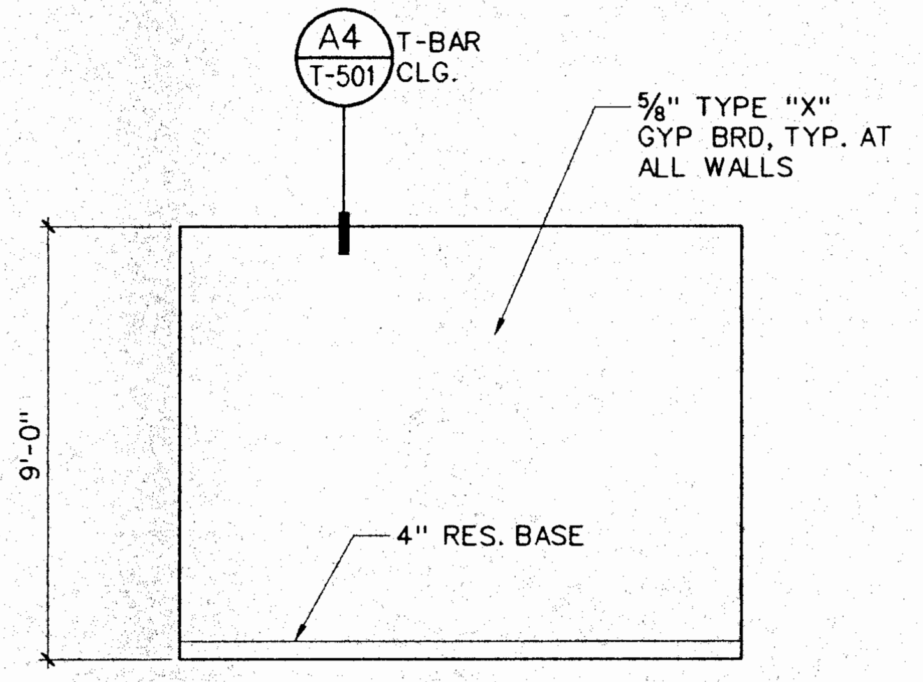
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-9
BINDING ORDER	29 of 82



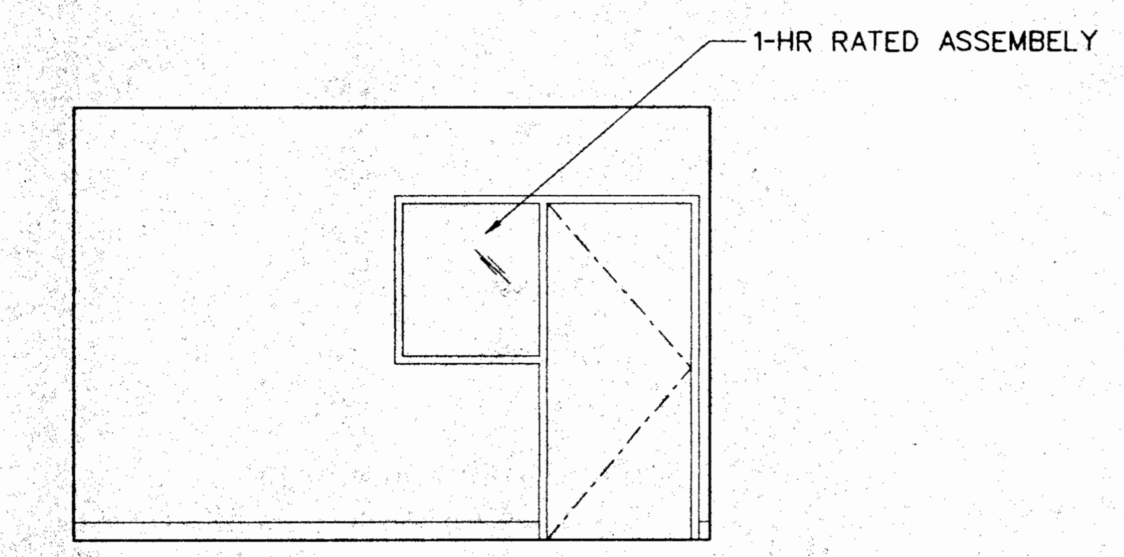
1 OFFICE 110-WEST
¼"-1'-0"
inel-of1.dgn



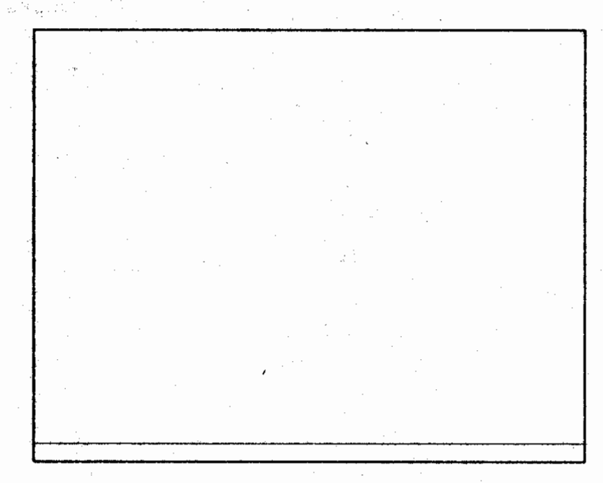
2 OFFICE 110-NORTH
¼"-1'-0"
inel-of1.dgn



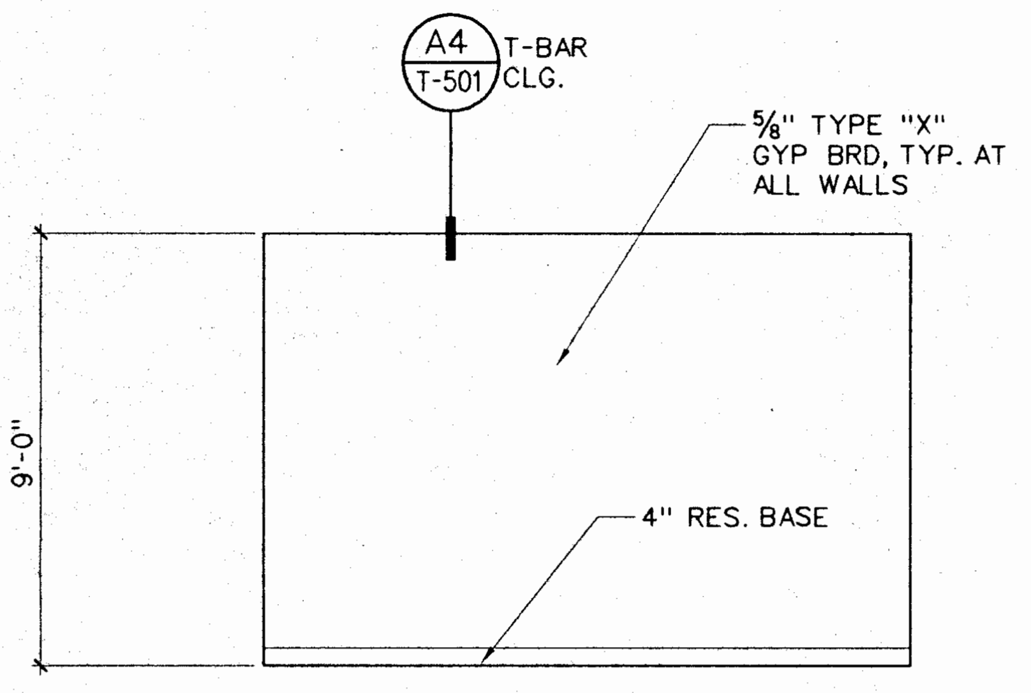
3 OFFICE 110-EAST
¼"-1'-0"
inel-of1.dgn



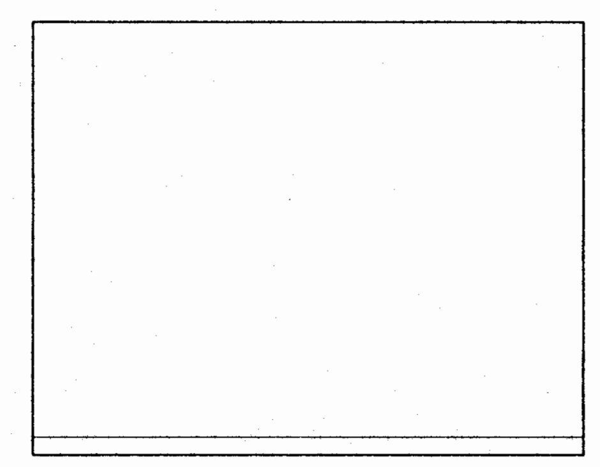
4 OFFICE 110-SOUTH
¼"-1'-0"
inel-of1.dgn



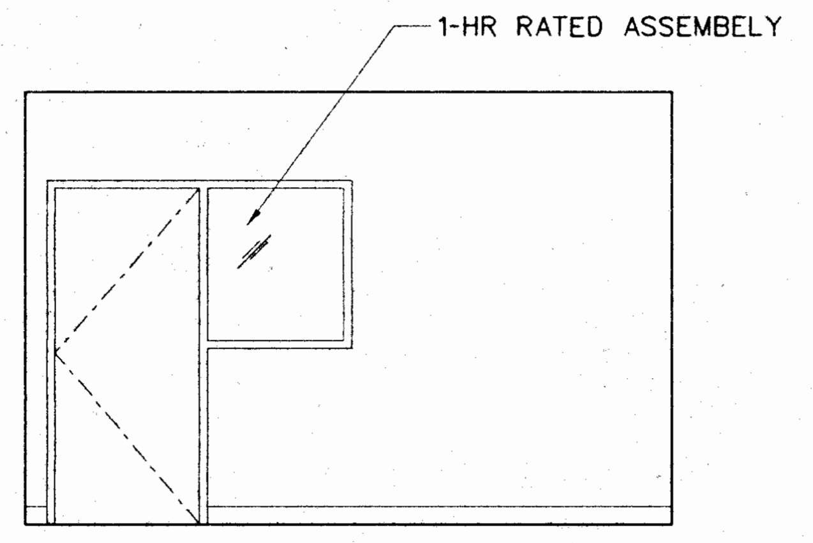
5 OFFICE 102-WEST
¼"-1'-0"
inel-ofc.dgn



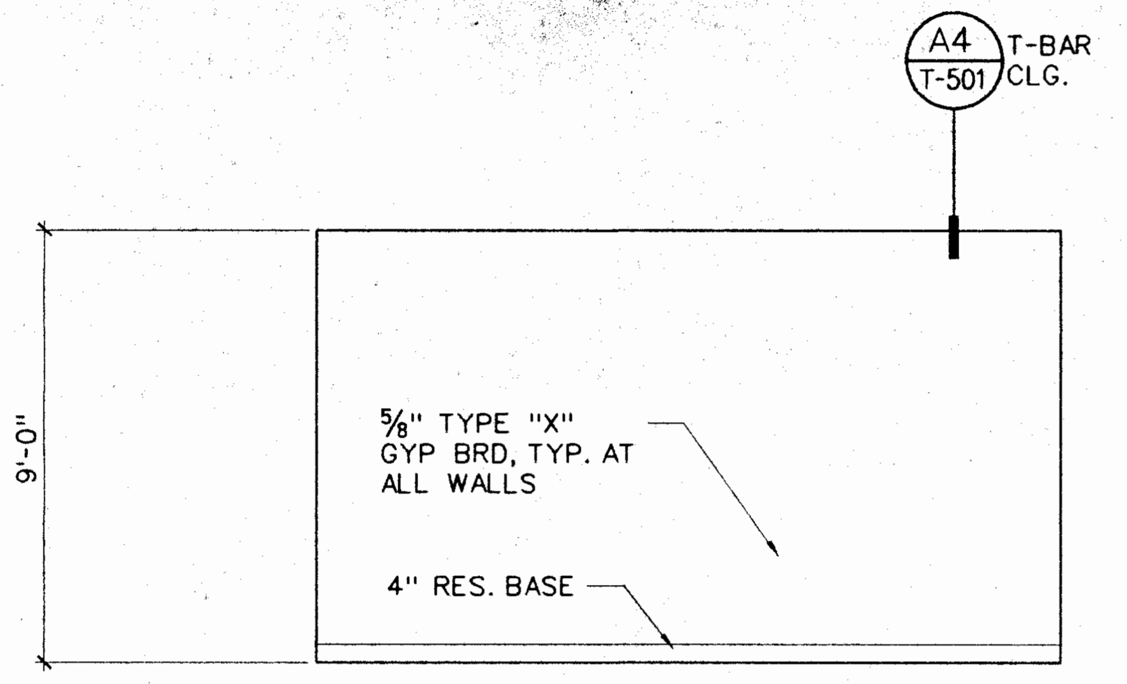
6 OFFICE 102-NORTH
¼"-1'-0"
inel-ofc.dgn



7 OFFICE 102-EAST
¼"-1'-0"
inel-ofc.dgn



8 OFFICE 102-SOUTH
¼"-1'-0"
inel-ofc.dgn

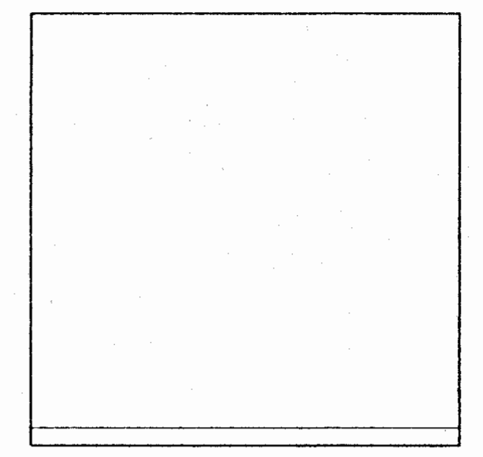


9 OFFICE 113-WEST
¼"-1'-0"
inel-of1.dgn

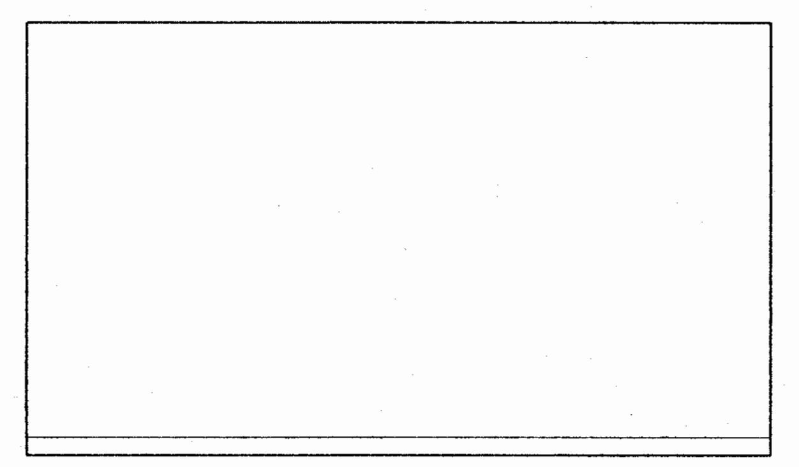
TYPICAL NOTES

1. ALL WALLS TO HAVE ⅝" THK TYPE 'X' GYP.BRD FULL HEIGHT TO THE UNDERSIDE OF TJI'S.

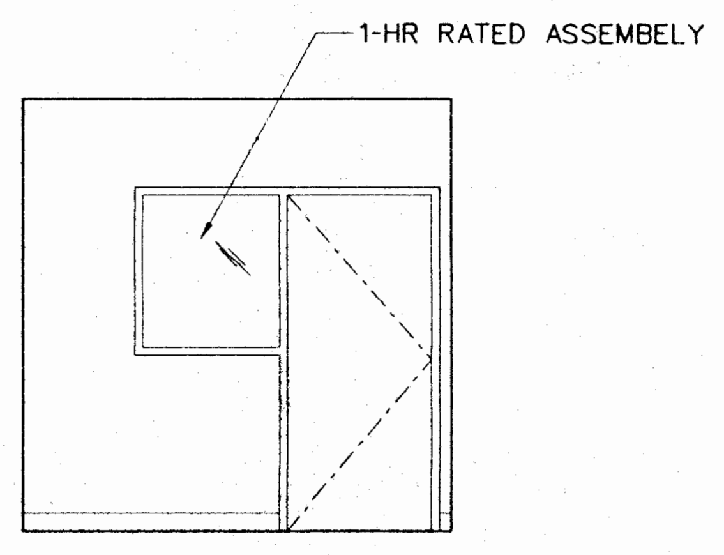
2. AT UNDERSIDE OF ALL TJI'S ⅝" FIRE CODE C OVER ⅞" HAT CHANNELS @ 16"O.C.



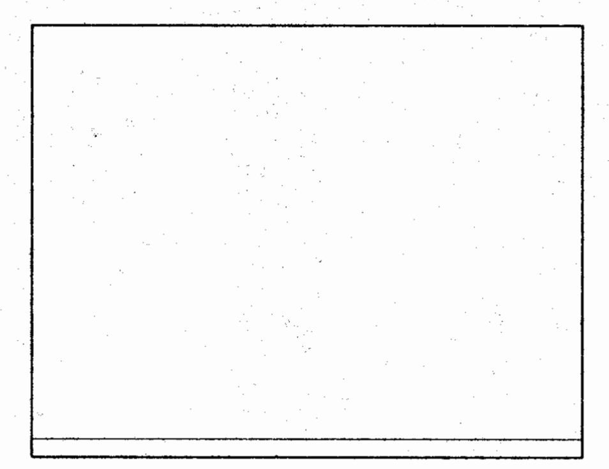
10 OFFICE 113-NORTH
¼"-1'-0"
inel-of1.dgn



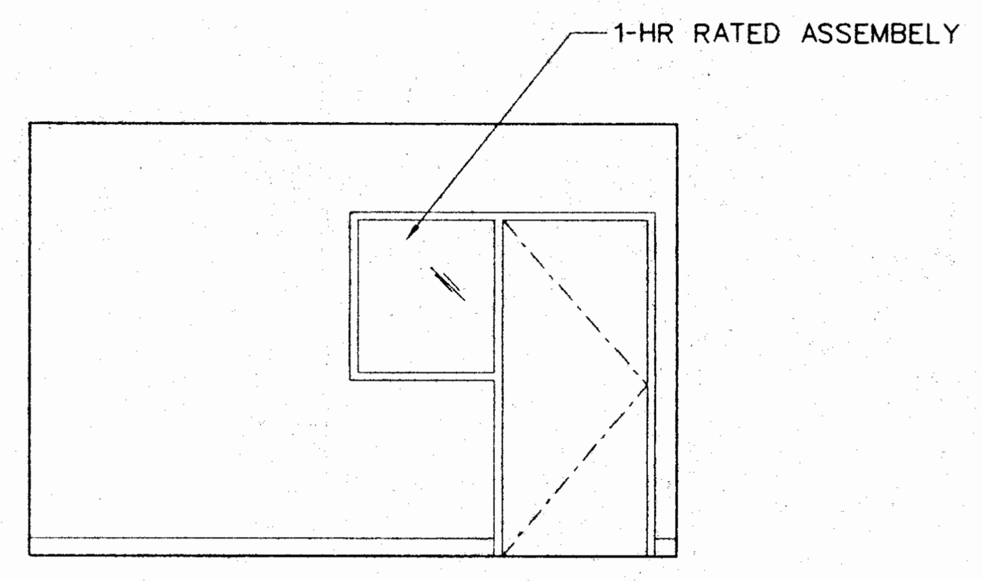
11 OFFICE 113-EAST
¼"-1'-0"
inel-of1.dgn



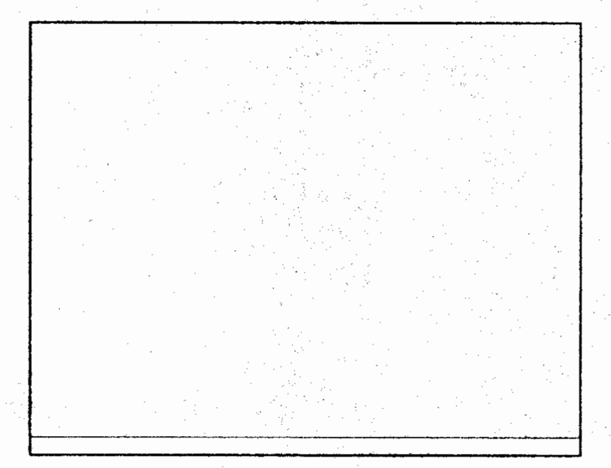
12 OFFICE 113-SOUTH
¼"-1'-0"
inel-of1.dgn



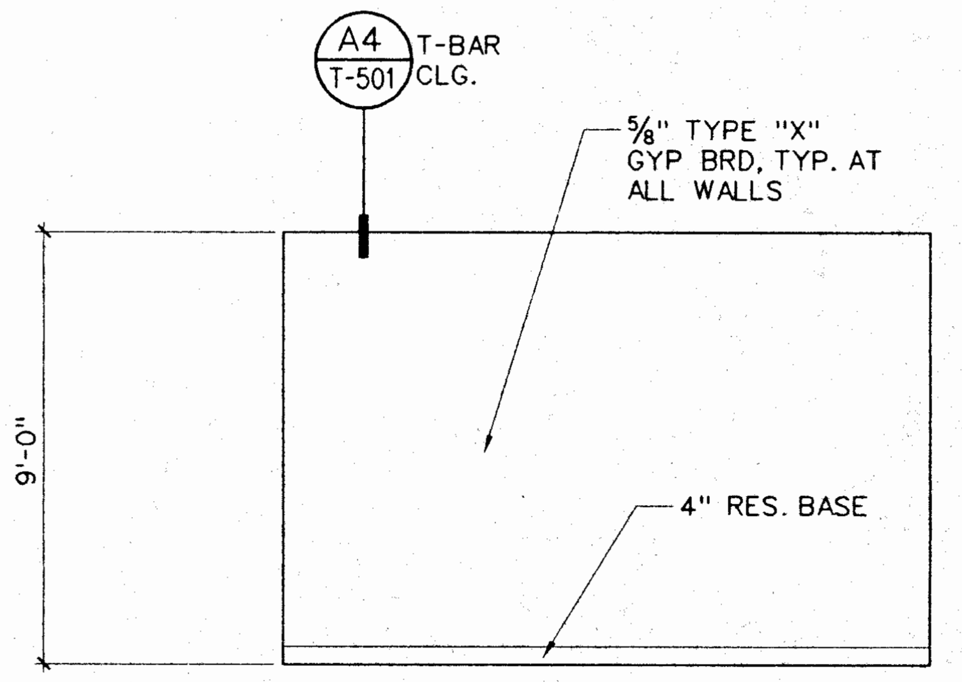
13 OFFICE 103-WEST
¼"-1'-0"
inel-ofc.dgn



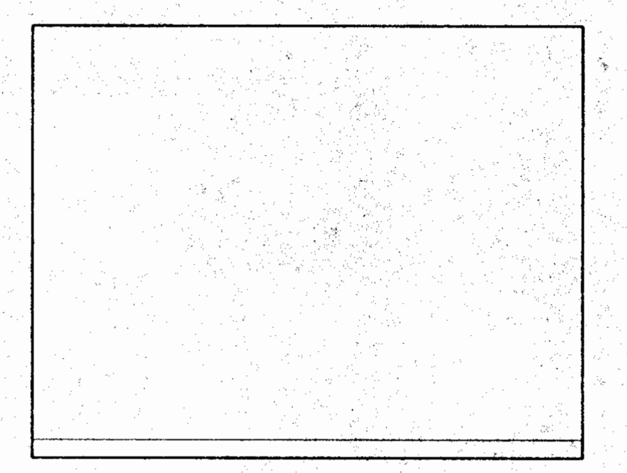
14 OFFICE 103-NORTH
¼"-1'-0"
inel-ofc.dgn



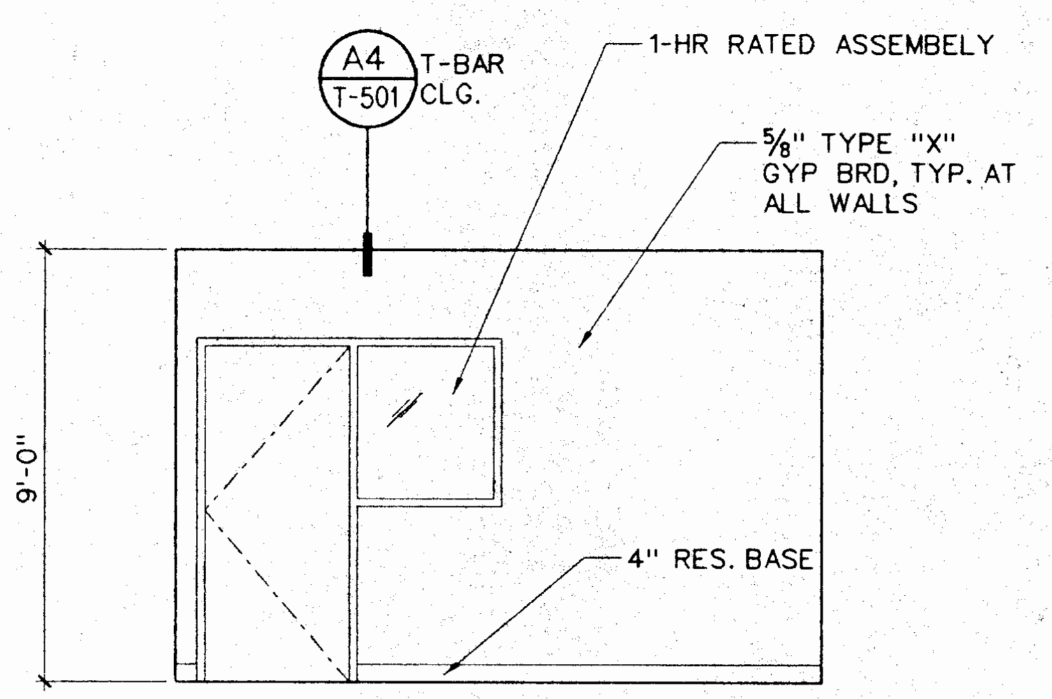
15 OFFICE 103-EAST
¼"-1'-0"
inel-ofc.dgn



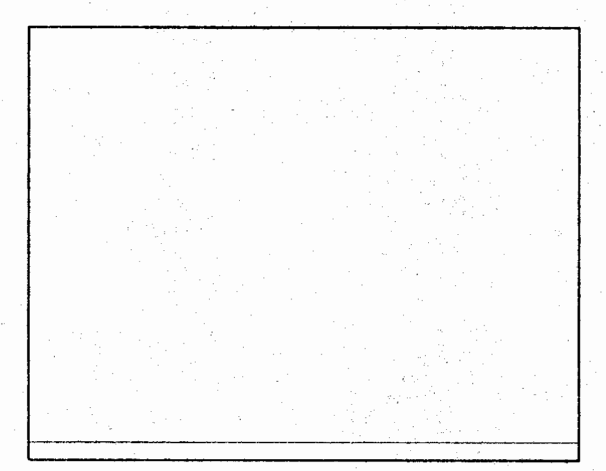
16 OFFICE 103-SOUTH
¼"-1'-0"
inel-ofc.dgn



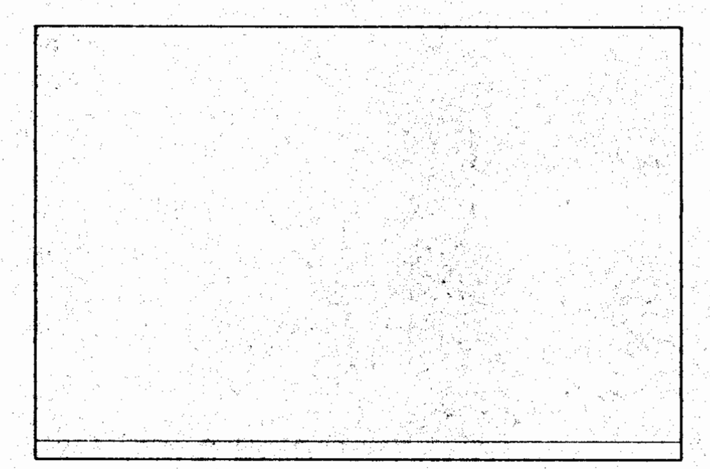
17 OFFICE 109-WEST
¼"-1'-0"
inel-ofc.dgn



18 OFFICE 109-NORTH
¼"-1'-0"
inel-ofc.dgn



19 OFFICE 109-EAST
¼"-1'-0"
inel-ofc.dgn



20 OFFICE 109-SOUTH
¼"-1'-0"
inel-ofc.dgn

a:\grosmont\9822-1\a-10.sht Dec. 08 1999 09:10:59

INTERIOR ELEVATIONS

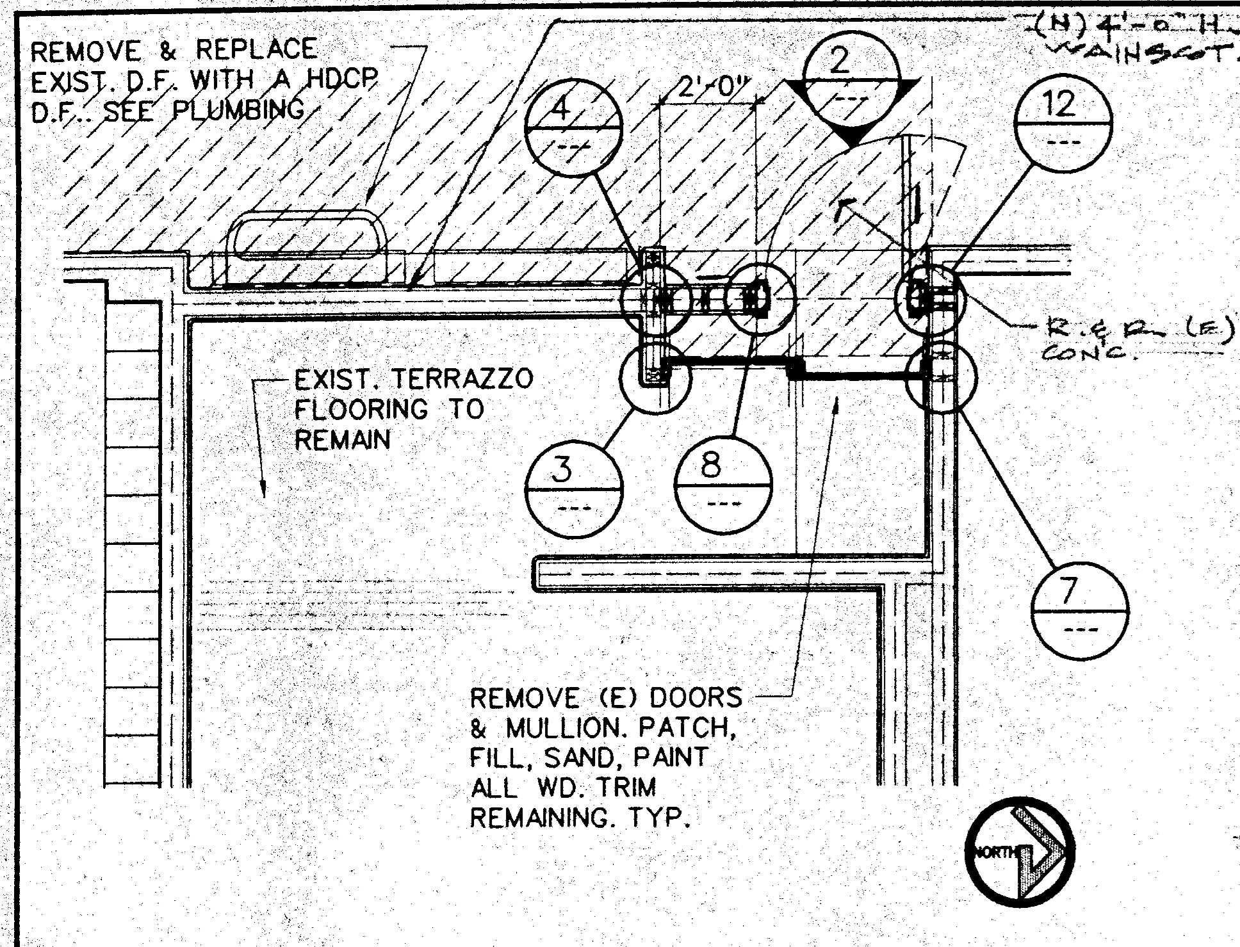
CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 666 1265

TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Ci FLS SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-10
BINDING ORDER	30 OF 82


REMOVE & REPLACE EXIST. D.F. WITH A HDCP D.F.. SEE PLUMBING
(N) 4'-0" H. CER. TILE WAINSCOT.
2'-0"
2

4

12

R.&R. (E) CONC.
EXIST. TERRAZZO FLOORING TO REMAIN
3

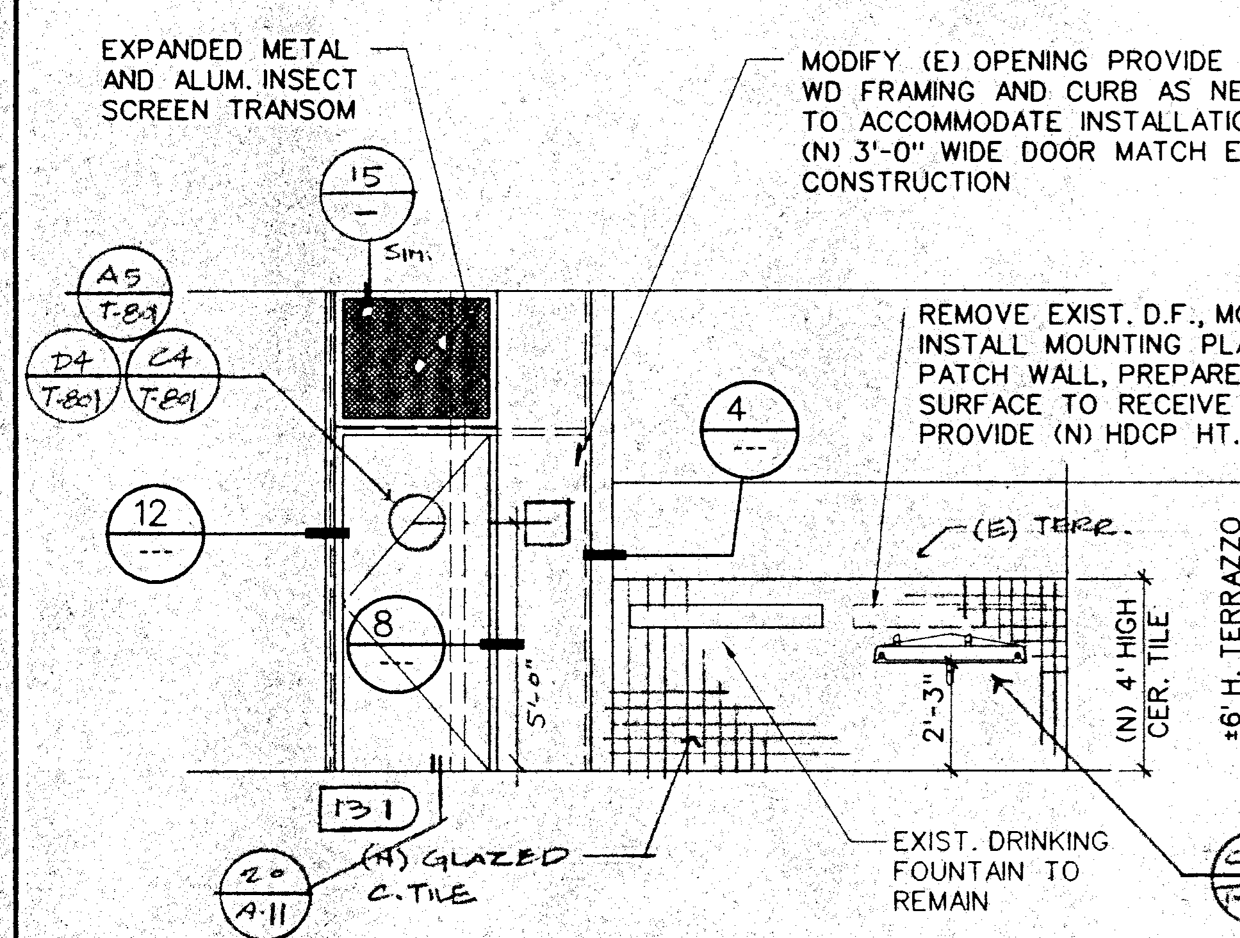
8

7

REMOVE (E) DOORS & MULLION. PATCH, FILL, SAND, PAINT ALL WD. TRIM REMAINING. TYP.
NORTH

1 BLDG. 300 - GIRLS TOILET RM. DR

1/4"-1'-0" .dgn

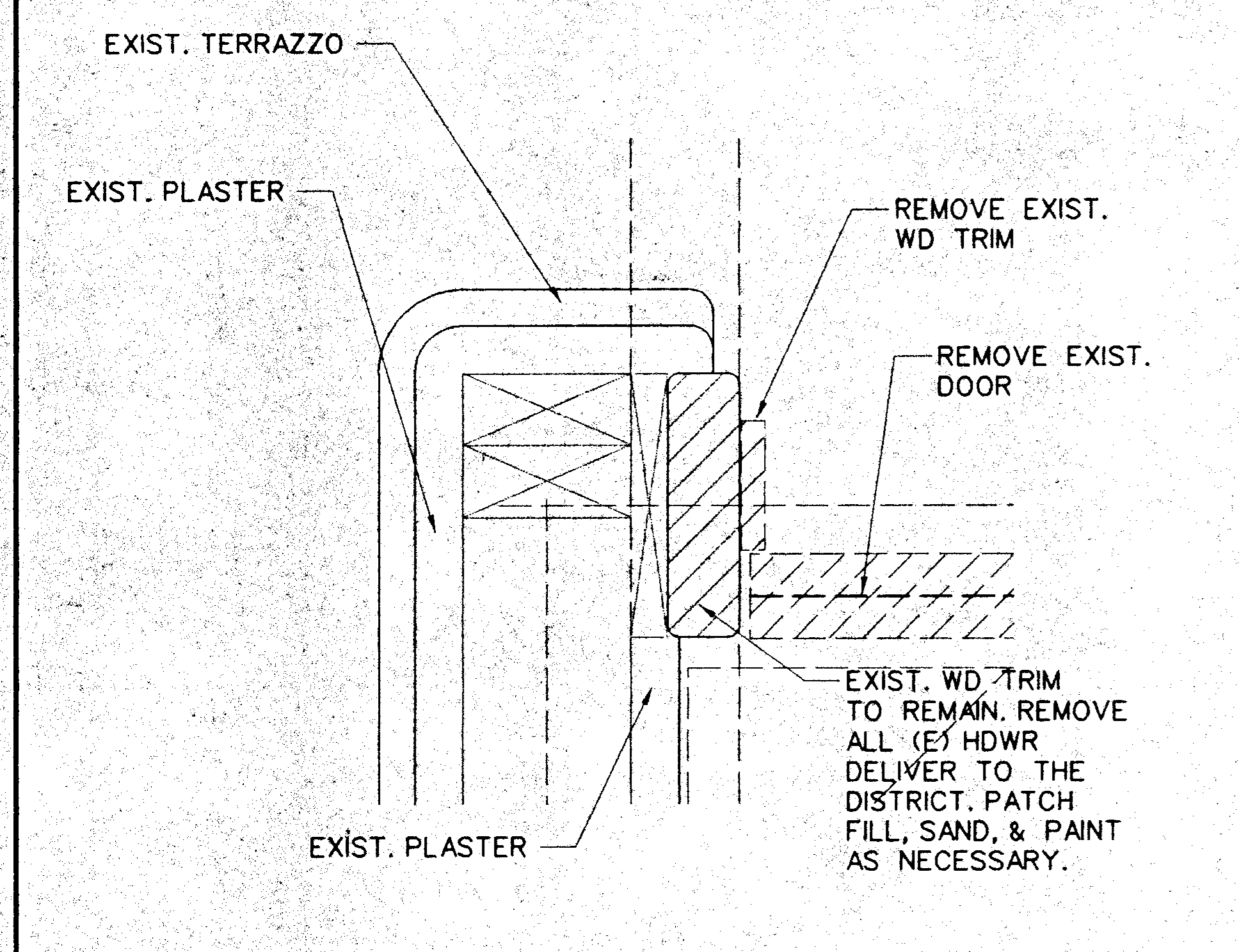


MODIFY (E) OPENING PROVIDE ADDITIONAL WD FRAMING AND CURB AS NECESSARY TO ACCOMMODATE INSTALLATION OF A (N) 3'-0" WIDE DOOR MATCH EXISTING CONSTRUCTION

REMOVE EXIST. D.F., MODIFY PLUMBING INSTALL MOUNTING PLATE, SEE PLUMB'G. PATCH WALL, PREPARE (E) TERRAZZO SURFACE TO RECEIVE GLAZED CER. TILE. PROVIDE (N) HDCP HT. D.F., SEE PLUMB'G.

2 EXT. ELEV. - BLDG. 300 - GIRL'S

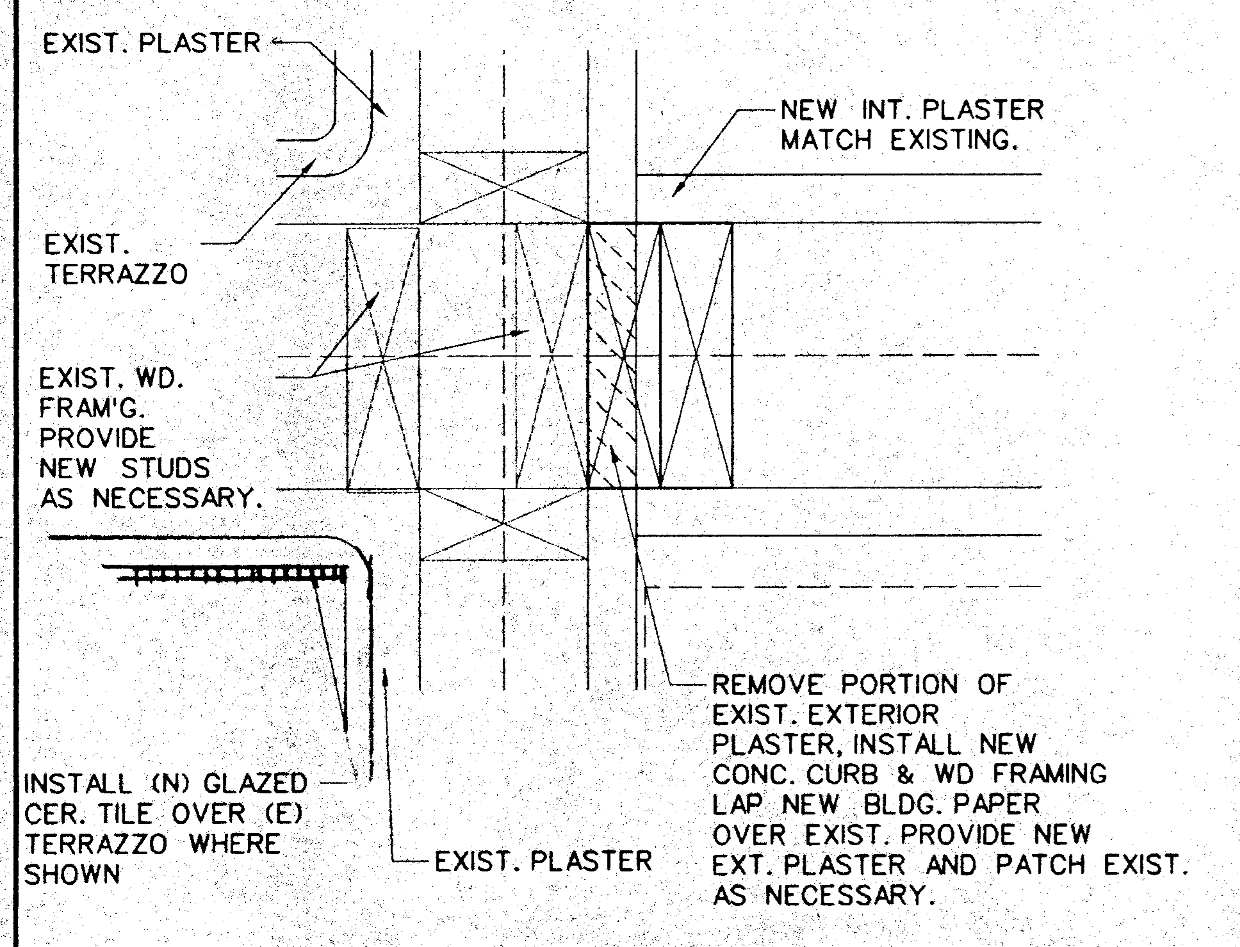
.dgn



EXIST. WD TRIM TO REMAIN. REMOVE ALL (E) HDWR DELIVER TO THE DISTRICT. PATCH FILL, SAND, & PAINT AS NECESSARY.

3 EXIST. DR. JAMB

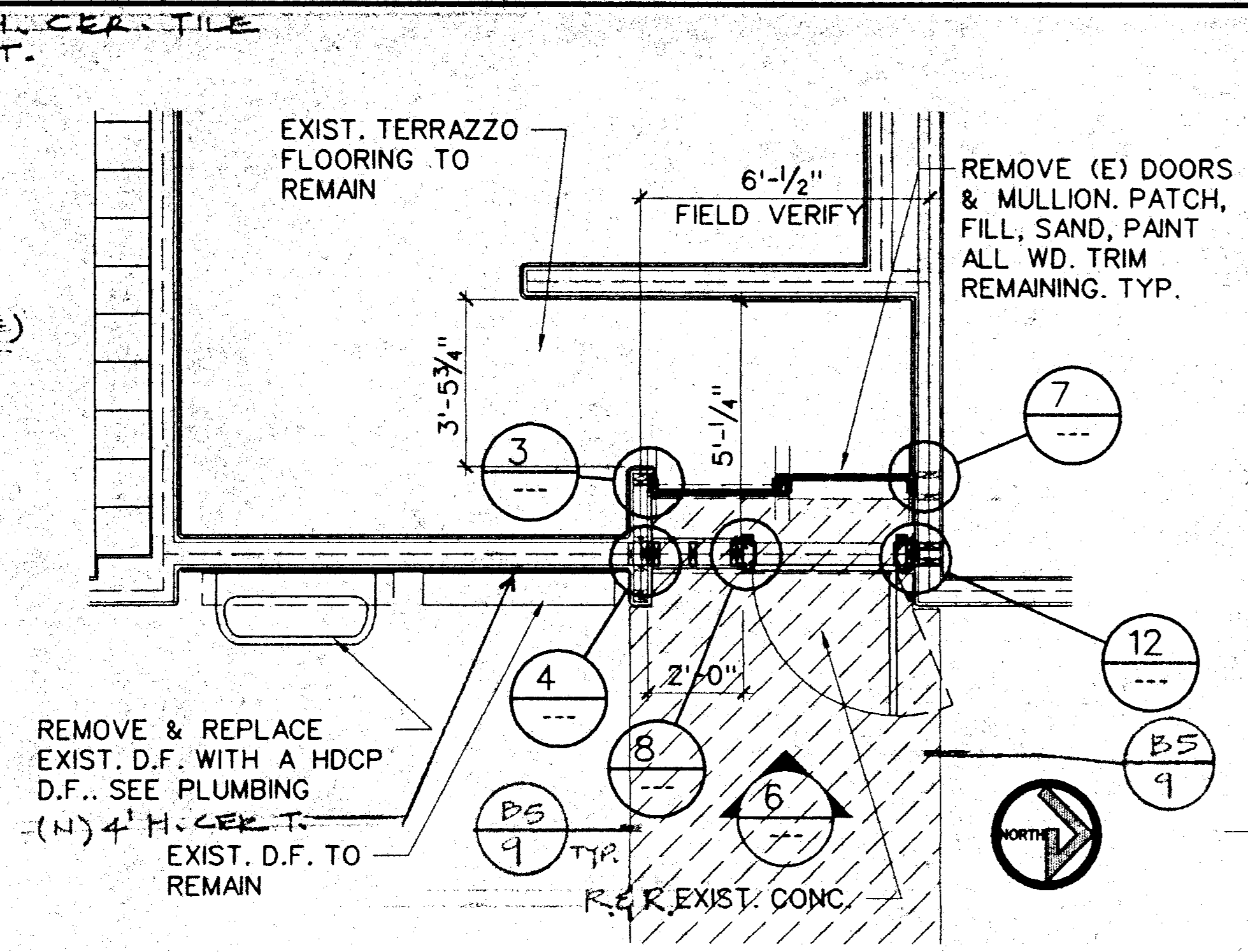
3"-1'-0" .dgn


EXIST. PLASTER
NEW INT. PLASTER MATCH EXISTING.
EXIST. TERRAZZO
EXIST. WD. FRAM'G. PROVIDE NEW STUDS AS NECESSARY.
INSTALL (N) GLAZED CER. TILE OVER (E) TERRAZZO WHERE SHOWN
EXIST. PLASTER

REMOVE PORTION OF EXIST. EXTERIOR PLASTER, INSTALL NEW CONC. CURB & WD FRAMING LAP NEW BLDG. PAPER OVER EXIST. PROVIDE NEW EXT. PLASTER AND PATCH EXIST. AS NECESSARY.

4 NEW DR. JAMB

3"-1'-0" .dgn


EXIST. TERRAZZO FLOORING TO REMAIN
6'-1/2"
FIELD VERIFY
REMOVE (E) DOORS & MULLION. PATCH, FILL, SAND, PAINT ALL WD. TRIM REMAINING. TYP.
3'-5 3/4"
5'-1/4"
3

7

4

12

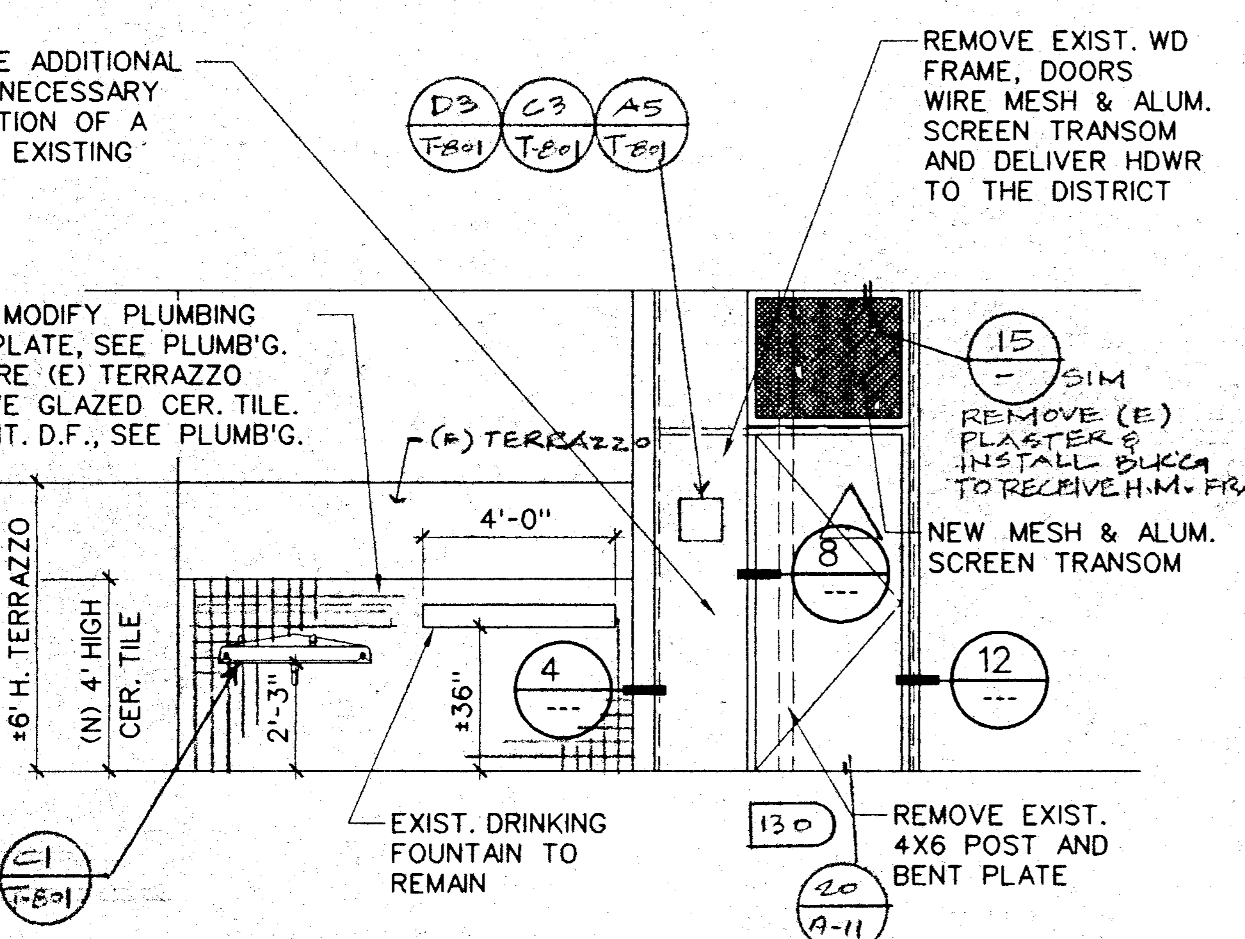
2'-0"
8

6

REMOVE & REPLACE EXIST. D.F. WITH A HDCP D.F.. SEE PLUMBING
(N) 4' H. CER. T.
EXIST. D.F. TO REMAIN
B5
9
TYP.
R.&R. EXIST. CONC.
B5
9
NORTH

5 BLDG. 300 - BOYS TOILET RM. DR

1/4"-1'-0" .dgn


D3
T-801
C3
T-801
A5
T-801
REMOVE EXIST. WD FRAME, DOORS WIRE MESH & ALUM. SCREEN TRANSOM AND DELIVER HDWR TO THE DISTRICT
(E) TERRAZZO
15

SIM
REMOVE (E) PLASTER & INSTALL BLKG TO RECEIVE H.M. FRAME
4'-0"
8

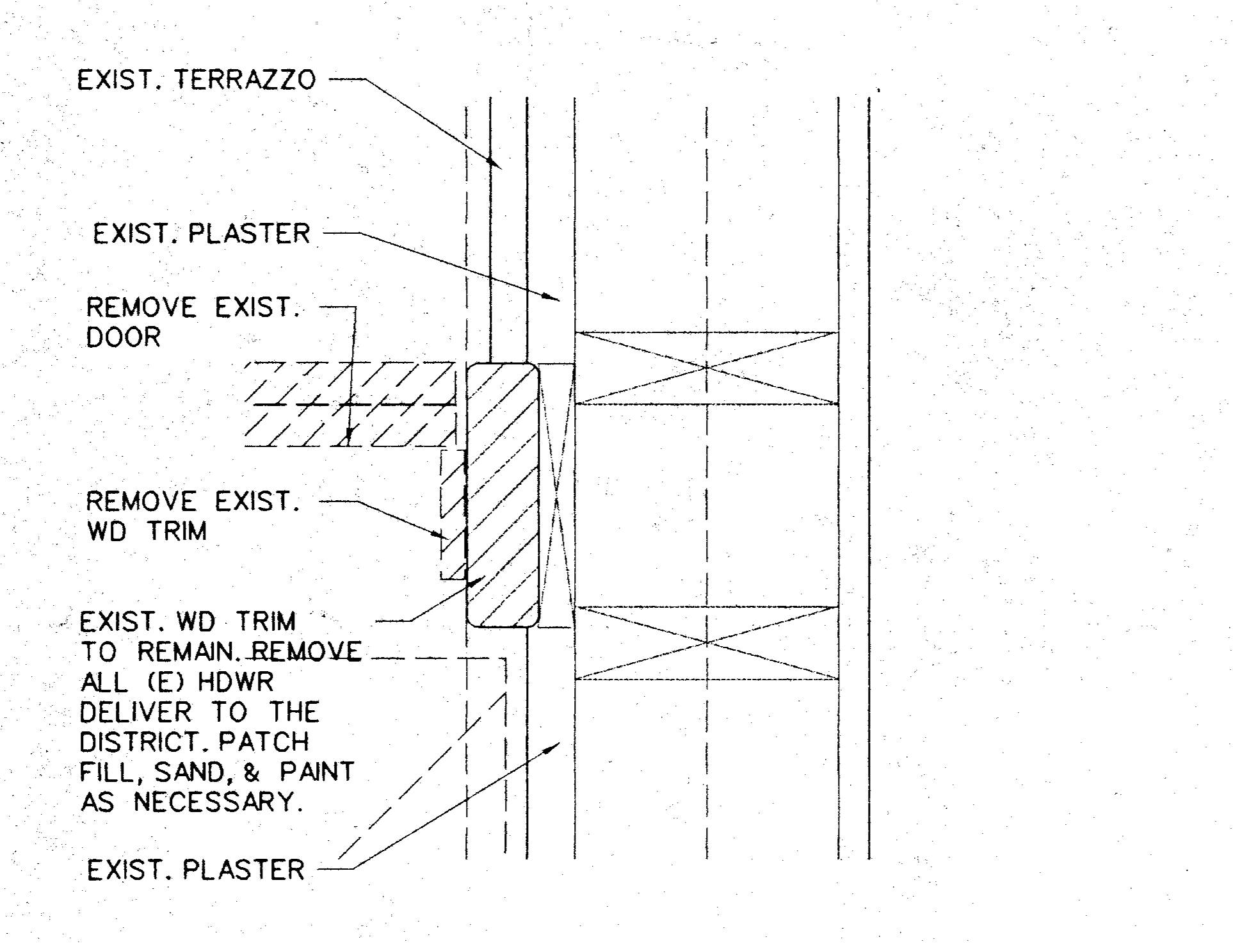
NEW MESH & ALUM. SCREEN TRANSOM
2'-3"
(N) 4' HIGH CER. TILE
±36"
4

12

EXIST. DRINKING FOUNTAIN TO REMAIN
130
REMOVE EXIST. 4X6 POST AND BENT PLATE
20
A-11

6 EXT. ELEV. - BLDG. 300 - BOY'S

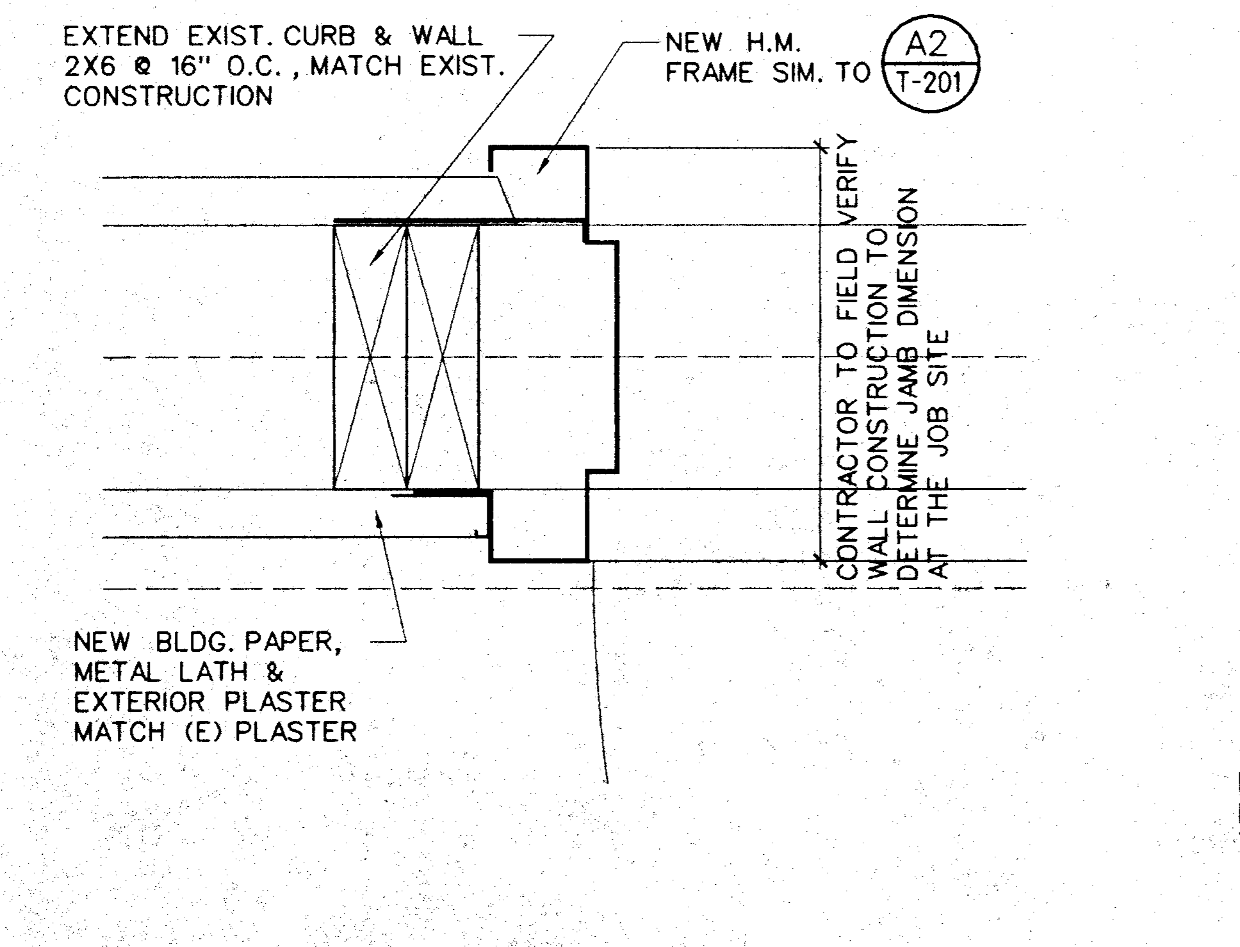
.dgn



EXIST. WD TRIM TO REMAIN. REMOVE ALL (E) HDWR DELIVER TO THE DISTRICT. PATCH FILL, SAND, & PAINT AS NECESSARY.

7 EXIST. DR. JAMB

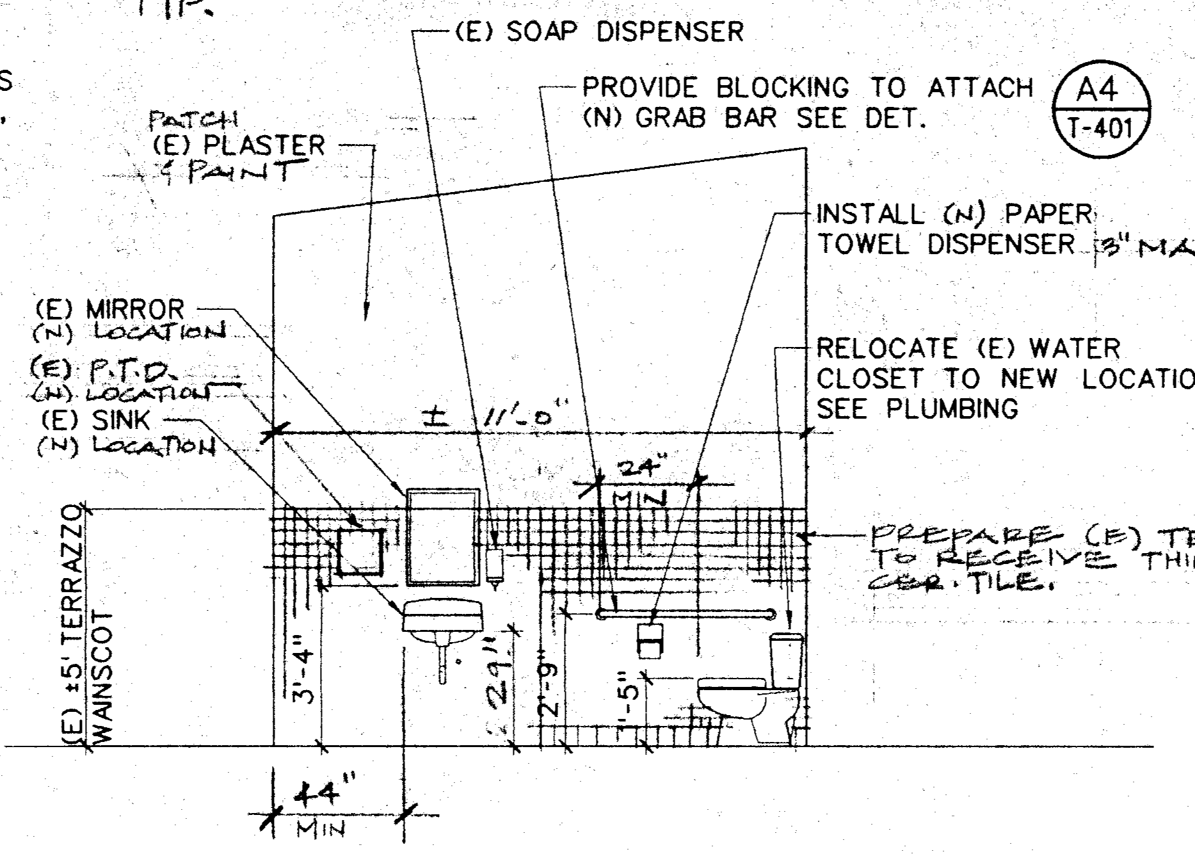
3"-1'-0" .dgn


EXTEND EXIST. CURB & WALL 2X6 @ 16" O.C. , MATCH EXIST. CONSTRUCTION
NEW H.M. FRAME SIM. TO
A2
T-201
CONTRACTOR TO FIELD VERIFY WALL CONSTRUCTION TO DETERMINE JAMB DIMENSION AT THE JOB SITE
NEW BLDG. PAPER, METAL LATH & EXTERIOR PLASTER MATCH (E) PLASTER

8 NEW DR. JAMB

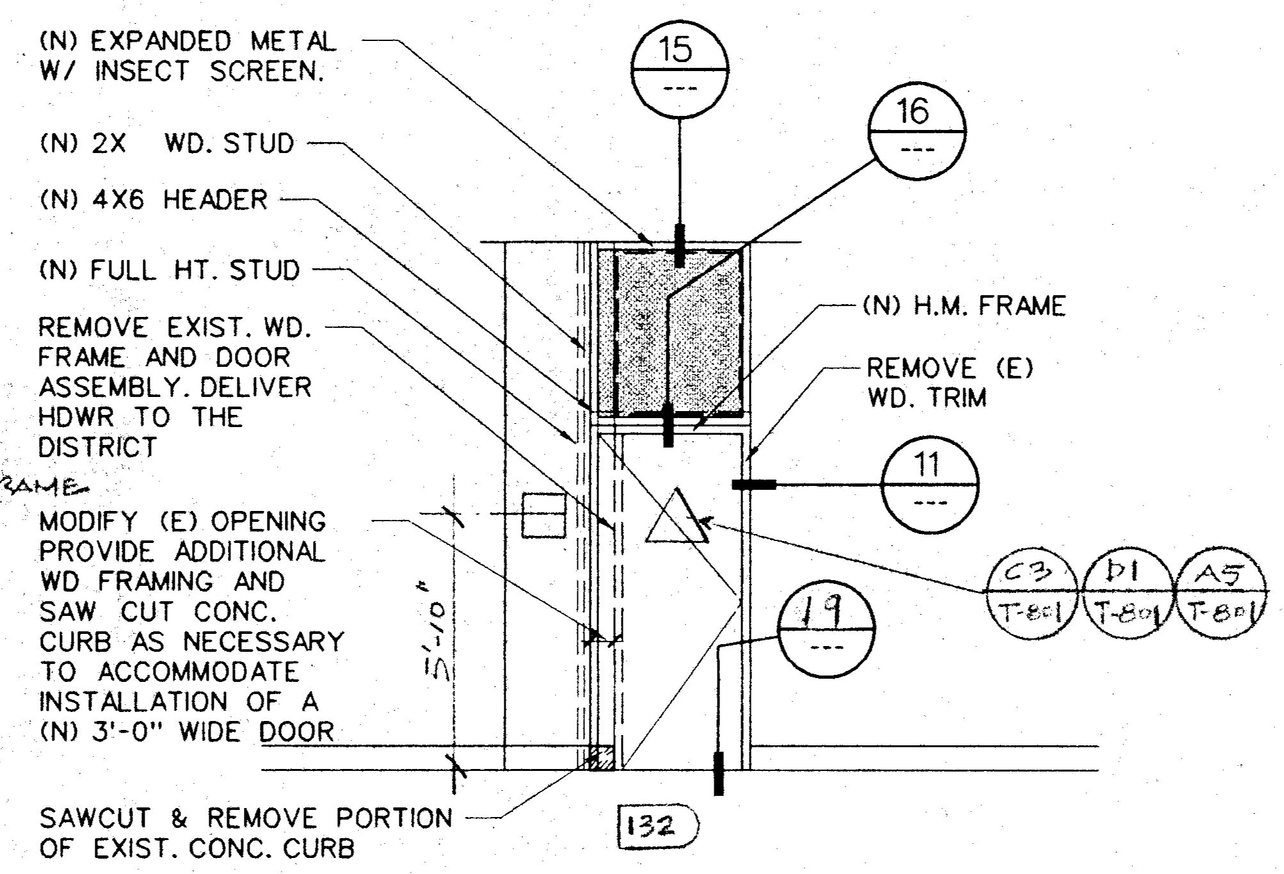
3"-1'-0" .dgn

REFER TO B1/T-801 FOR MTG. HEIGHTS TYP.


(E) SOAP DISPENSER
PROVIDE BLOCKING TO ATTACH (N) GRAB BAR SEE DET.
A4
T-401
PATCH (E) PLASTER & PAINT
INSTALL (N) PAPER TOWEL DISPENSER 8" MAX PROJECTION
(E) MIRROR (N) LOCATION
(E) P.T.D. (N) LOCATION
(E) SINK (N) LOCATION
RELOCATE (E) WATER CLOSET TO NEW LOCATION. SEE PLUMBING
± 11'-0"
24" MIN
PREPARE (E) TERRAZZO TO RECEIVE THIN SET CER. TILE.
(E) ±5' TERRAZZO WAINSCOT
3'-4"
29"
2'-9"
1'-5"
44" MIN

9 MENS TOILET RM. ELEVATION

1/4"-1'-0" .dgn


(N) EXPANDED METAL W/ INSECT SCREEN.
(N) 2X WD. STUD
(N) 4X6 HEADER
(N) FULL HT. STUD
REMOVE EXIST. WD. FRAME AND DOOR ASSEMBLY. DELIVER HDWR TO THE DISTRICT
MODIFY (E) OPENING PROVIDE ADDITIONAL WD FRAMING AND SAW CUT CONC. CURB AS NECESSARY TO ACCOMMODATE INSTALLATION OF A (N) 3'-0" WIDE DOOR
SAWCUT & REMOVE PORTION OF EXIST. CONC. CURB
15

16

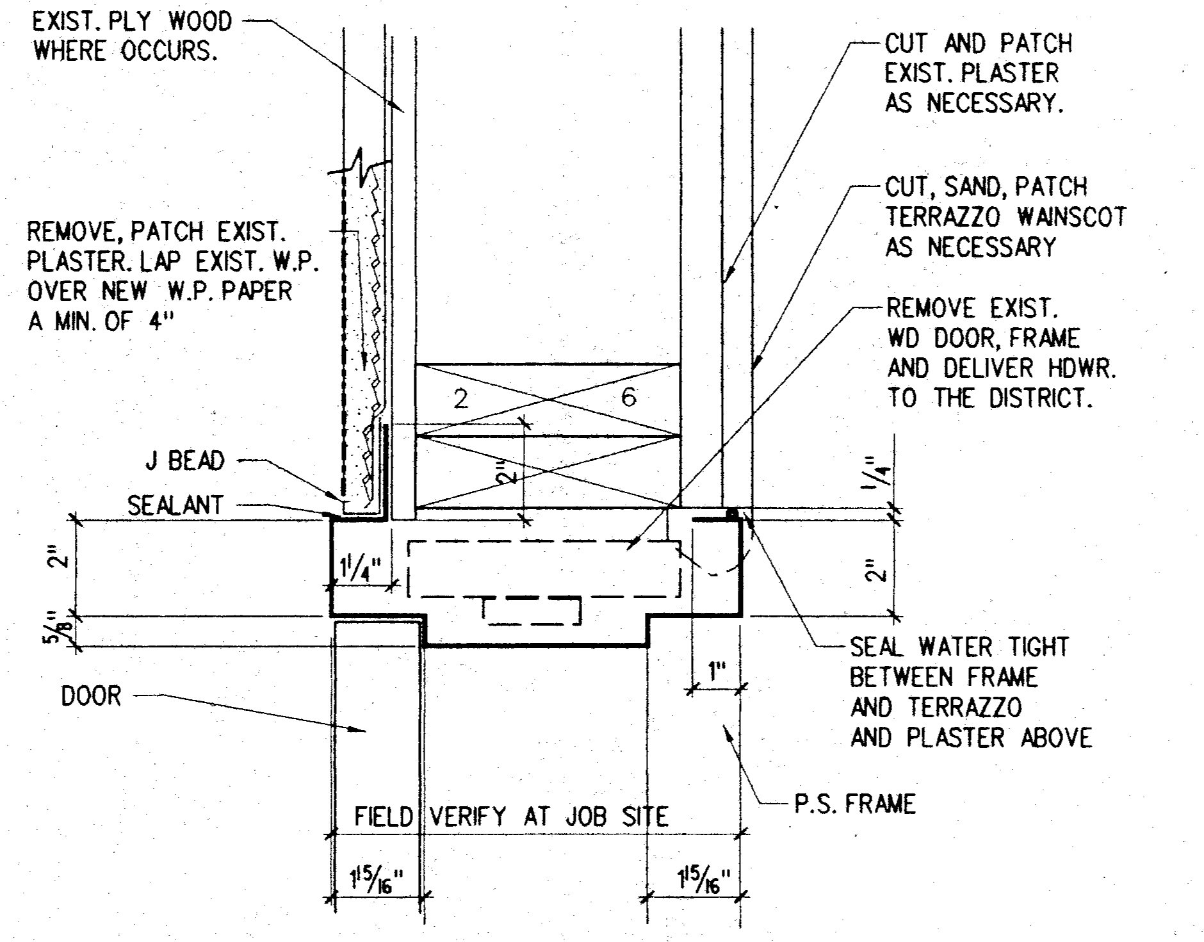
(N) H.M. FRAME
REMOVE (E) WD. TRIM
11

C3
T-801
D1
T-801
A5
T-801
19

5'-10"
132

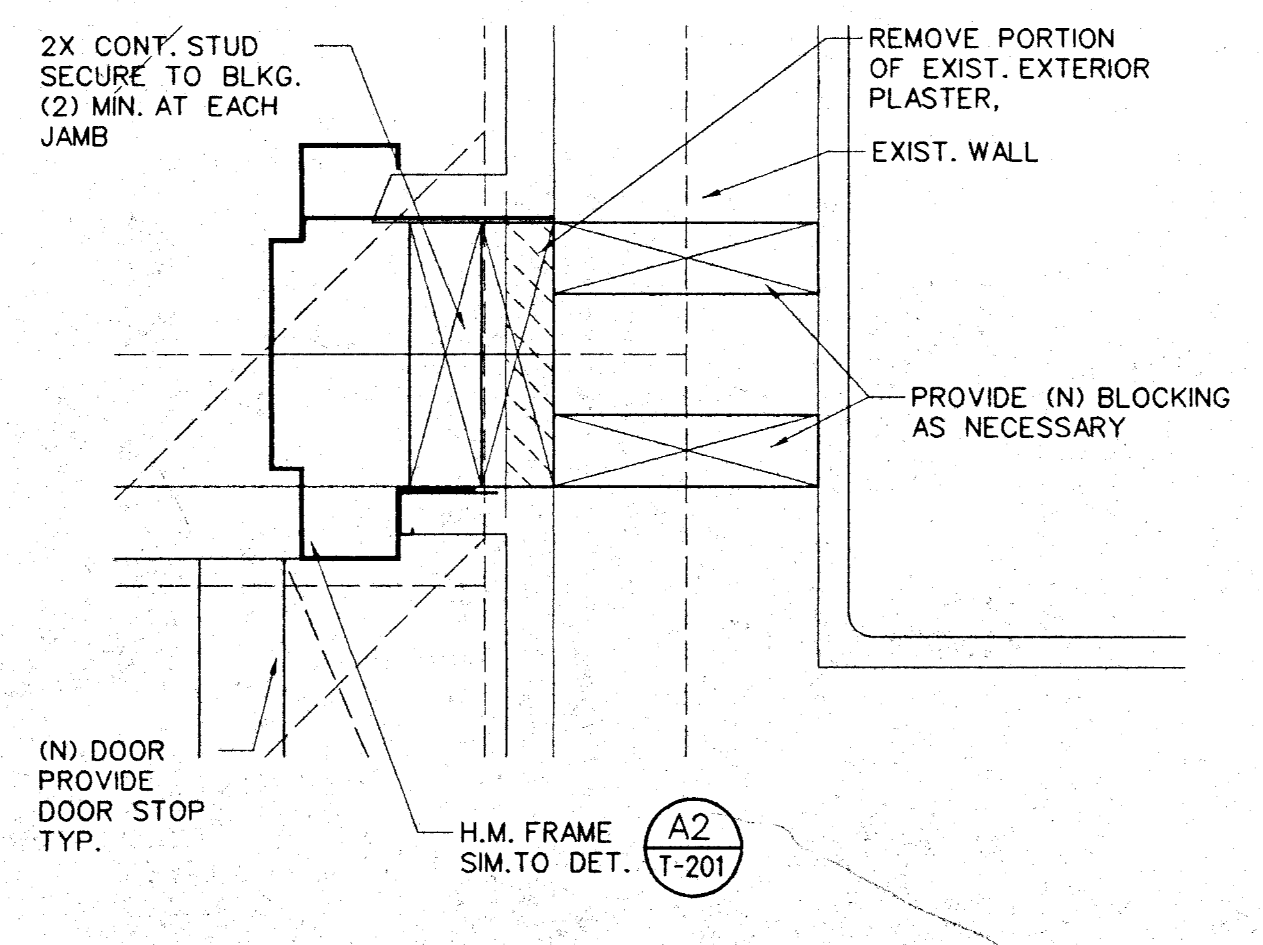
10 EXT. ELEV. - BLDG. 400 - MEN'S

.dgn


EXIST. PLY WOOD WHERE OCCURS.
REMOVE, PATCH EXIST. PLASTER. LAP EXIST. W.P. OVER NEW W.P. PAPER A MIN. OF 4"
J BEAD
SEALANT
2"
5/8"
DOOR
CUT AND PATCH EXIST. PLASTER AS NECESSARY.
CUT, SAND, PATCH TERRAZZO WAINSCOT AS NECESSARY
REMOVE EXIST. WD DOOR, FRAME AND DELIVER HDWR. TO THE DISTRICT.
2
6
2"
1/4"
1 1/4"
SEAL WATER TIGHT BETWEEN FRAME AND TERRAZZO AND PLASTER ABOVE
1"
P.S. FRAME
FIELD VERIFY AT JOB SITE
1 15/16"
1 15/16"

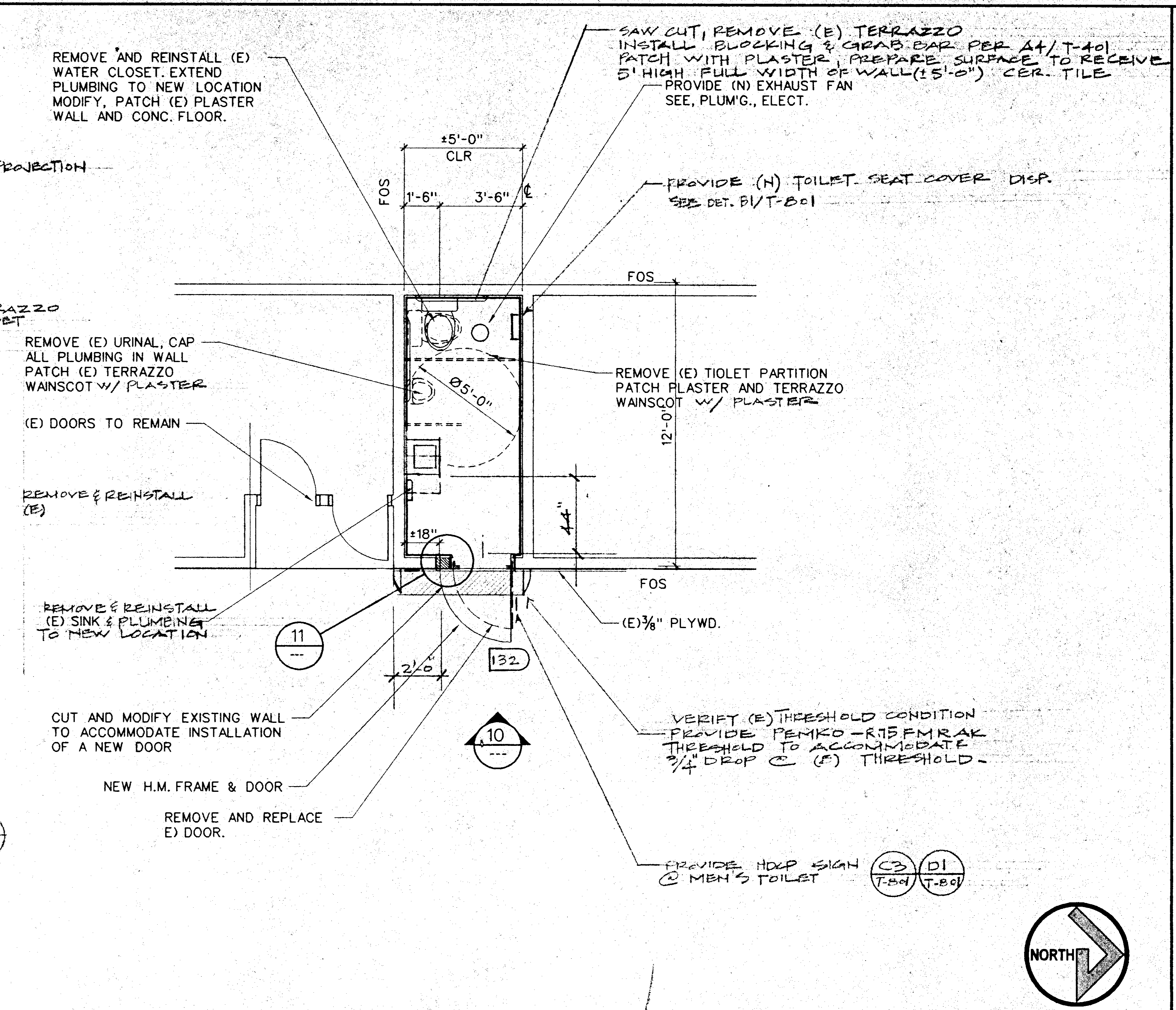
11 JAMB AT EXIST. BLDG.

3"-1'-0" MHDET019ex.dgn


2X CONT. STUD SECURE TO BLKG. (2) MIN. AT EACH JAMB
REMOVE PORTION OF EXIST. EXTERIOR PLASTER,
EXIST. WALL
PROVIDE (N) BLOCKING AS NECESSARY
(N) DOOR PROVIDE DOOR STOP TYP.
H.M. FRAME SIM.TO DET.
A2
T-201

12

.dgn

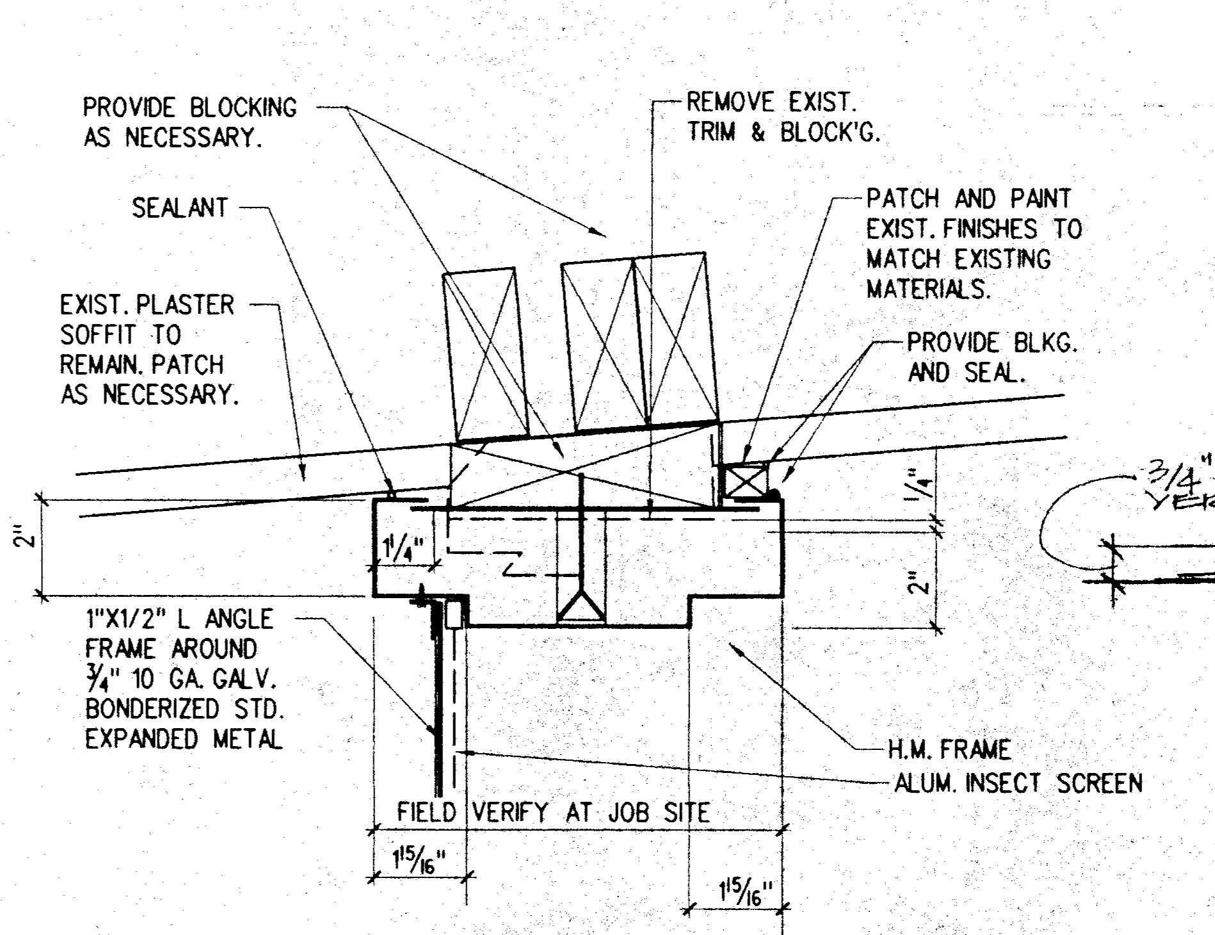

REMOVE AND REINSTALL (E) WATER CLOSET. EXTEND PLUMBING TO NEW LOCATION MODIFY, PATCH (E) PLASTER WALL AND CONC. FLOOR.
SAW CUT, REMOVE (E) TERRAZZO INSTALL BLOCKING & GRAB BAR PER A4/T-401 PATCH WITH PLASTER, PREPARE SURFACE TO RECEIVE 5' HIGH FULL WIDTH OF WALL (±5'-0") CER. TILE
PROVIDE (N) EXHAUST FAN SEE, PLUM'G., ELECT.
±5'-0"
CLR
FOS
1'-6"
3'-6"
PROVIDE (N) TOILET SEAT COVER DISP. SEE DET. B1/T-801
FOS
REMOVE (E) URINAL, CAP ALL PLUMBING IN WALL PATCH (E) TERRAZZO WAINSCOT W/ PLASTER
Ø5'-0"
REMOVE (E) TIOLET PARTITION PATCH PLASTER AND TERRAZZO WAINSCOT W/ PLASTER
12'-0"
(E) DOORS TO REMAIN
REMOVE & REINSTALL (E)
±18"
44"
FOS
REMOVE & REINSTALL (E) SINK & PLUMBING TO NEW LOCATION
11

2'-0"
132
(E) 3/8" PLYWD.
CUT AND MODIFY EXISTING WALL TO ACCOMMODATE INSTALLATION OF A NEW DOOR
10

VERIFY (E) THRESHOLD CONDITION PROVIDE PEMKO-R75FMRAK THRESHOLD TO ACCOMMODATE 3/4" DROP @ (E) THRESHOLD.
NEW H.M. FRAME & DOOR
REMOVE AND REPLACE E) DOOR.
PROVIDE HDCP SIGN @ MEN'S TOILET
C3
T-801
D1
T-801
NORTH

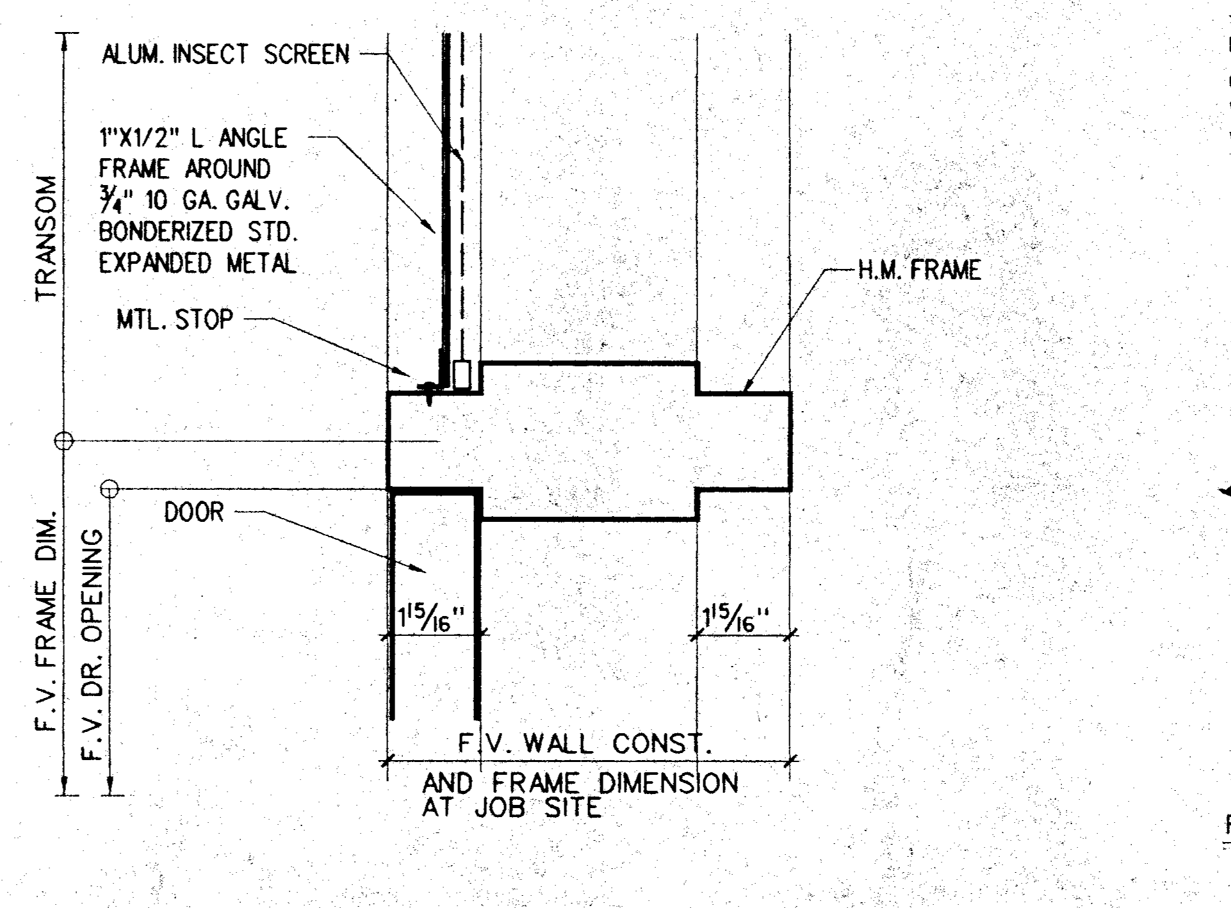
14 MEN'S ROOM - BLDG. 400

1/4"-1'-0" .dgn


PROVIDE BLOCKING AS NECESSARY.
REMOVE EXIST. TRIM & BLOCK'G.
SEALANT
PATCH AND PAINT EXIST. FINISHES TO MATCH EXISTING MATERIALS.
EXIST. PLASTER SOFFIT TO REMAIN. PATCH AS NECESSARY.
PROVIDE BLKG. AND SEAL.
2"
1 1/4"
1/4"
2"
1"X1/2" L ANGLE FRAME AROUND 3/4" 10 GA. GALV. BONDERIZED STD. EXPANDED METAL
H.M. FRAME
ALUM. INSECT SCREEN
FIELD VERIFY AT JOB SITE
1 15/16"
1 15/16"

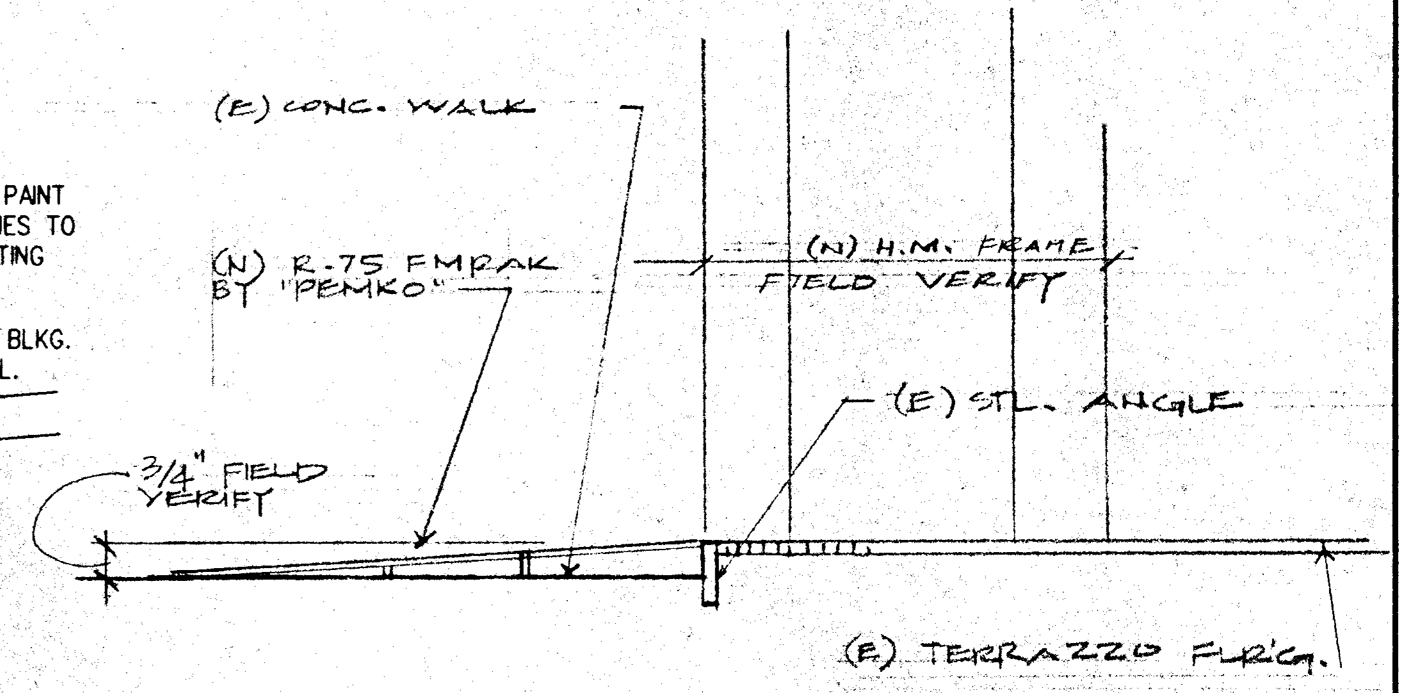
15 HEAD AT EXIST. BLDG.

3"-1'-0" MHDET019exhd.dgn


ALUM. INSECT SCREEN
1"X1/2" L ANGLE FRAME AROUND 3/4" 10 GA. GALV. BONDERIZED STD. EXPANDED METAL
MTL. STOP
H.M. FRAME
TRANSOM
DOOR
F.V. FRAME DIM.
F.V. DR. OPENING
1 15/16"
1 15/16"
F.V. WALL CONST. AND FRAME DIMENSION AT JOB SITE

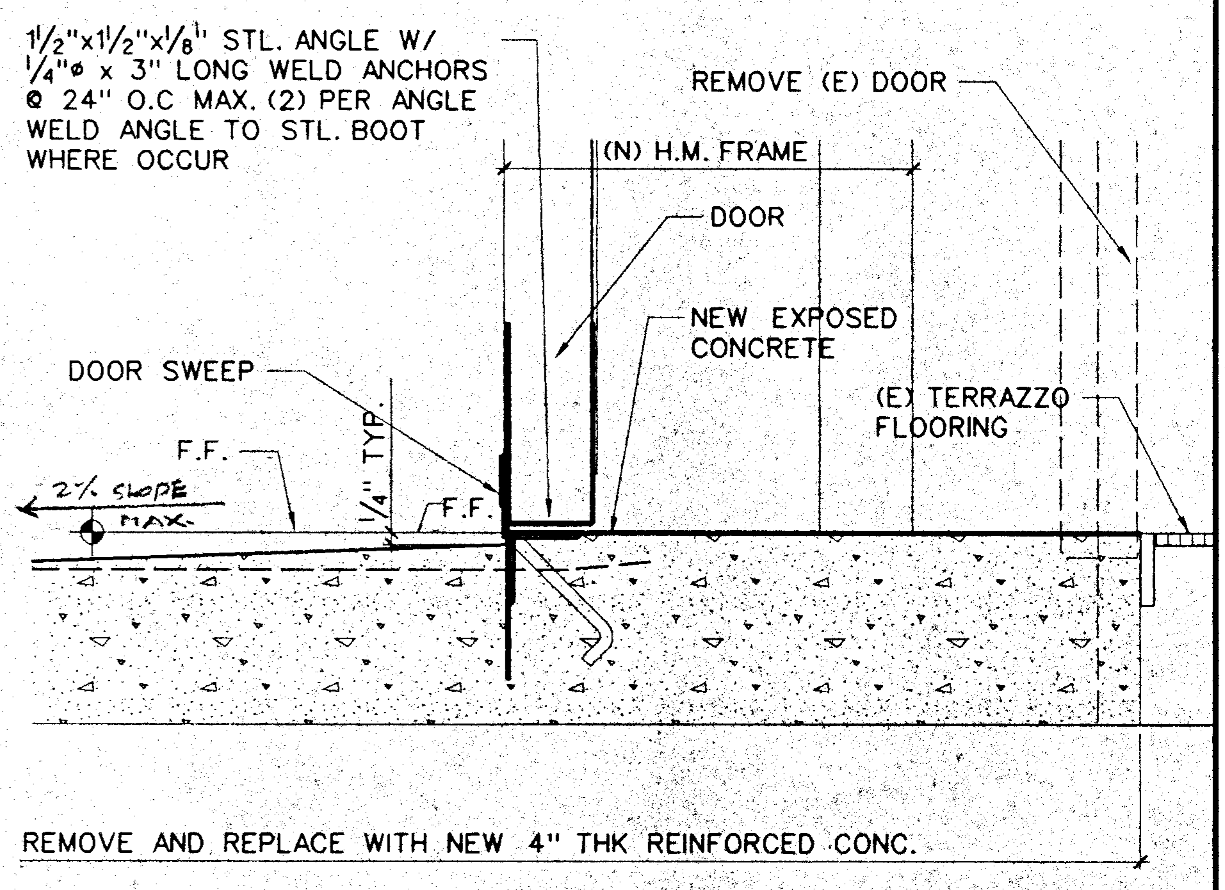
16 MULLION AT EXIST. BLDG.

3"-1'-0" 081-037ex.dgn



19 SILL @ EXIST. BLDG. 400

3"=1'-0"


1 1/2"x1 1/2"x1/8" STL. ANGLE W/ 1/4"ø x 3" LONG WELD ANCHORS @ 24" O.C MAX. (2) PER ANGLE WELD ANGLE TO STL. BOOT WHERE OCCUR
REMOVE (E) DOOR
(N) H.M. FRAME
DOOR
NEW EXPOSED CONCRETE
DOOR SWEEP
(E) TERRAZZO FLOORING
F.F.
1/4" TYP.
F.F.
2% SLOPE MAX.
REMOVE AND REPLACE WITH NEW 4" THK REINFORCED CONC.

20 SILL AT EXIST. BLDG.

3"-1'-0" MHDET019exsill.dgn

ENLARGED PLAN - TOILET ROOMS AT BLDG. 300 & BLDG. 400

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

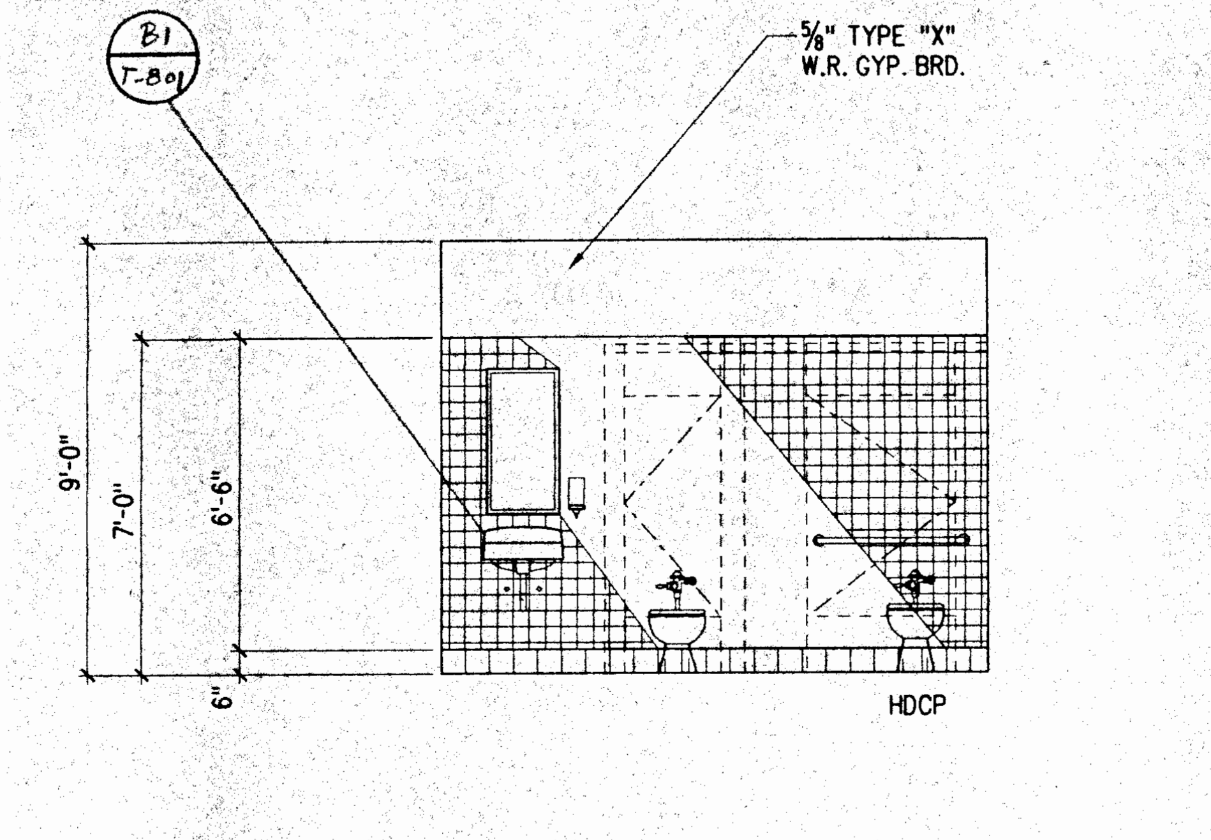
GROSSMONT UNION HIGH SCHOOL DISTRICT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Ci FLS SS
DATE DEC 1 4 1999

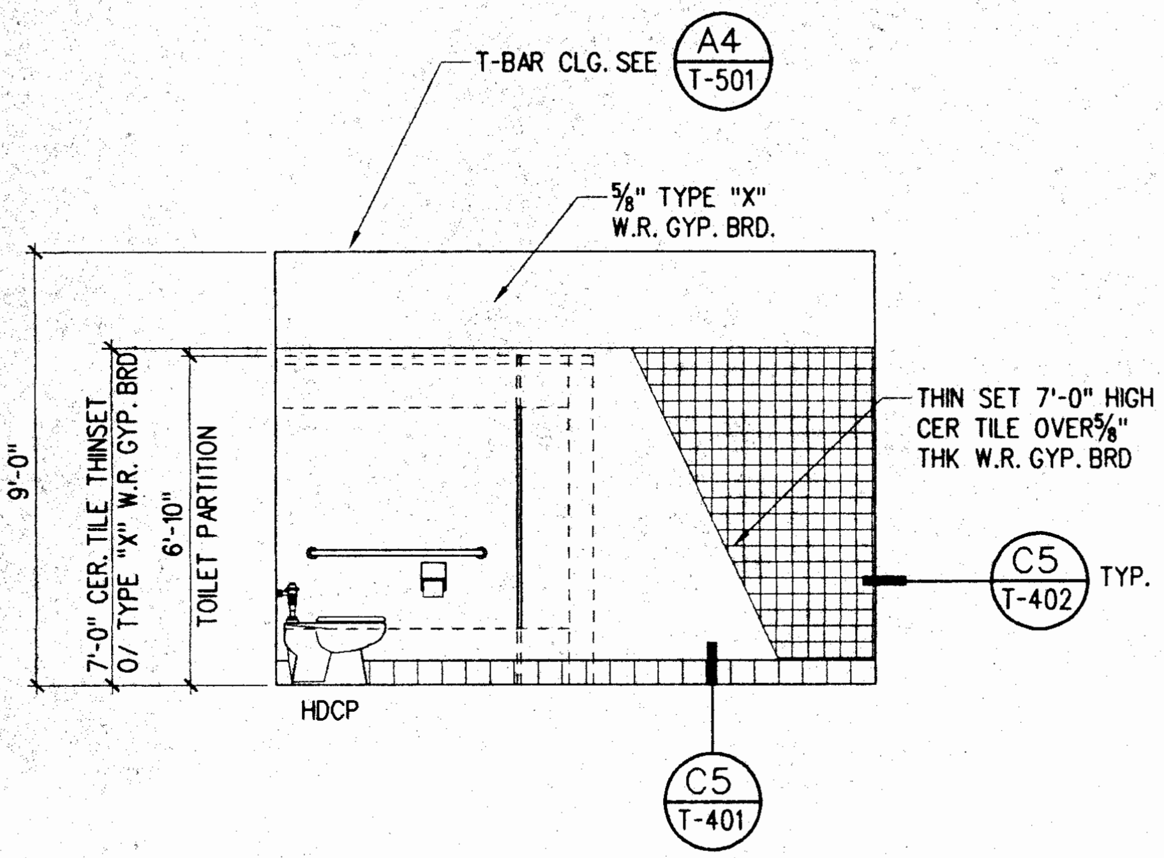
LICENSED ARCHITECT
TAMARA A. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

C A R M I C H A E L - K E M P
A R C H I T E C T S A I A
2370 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

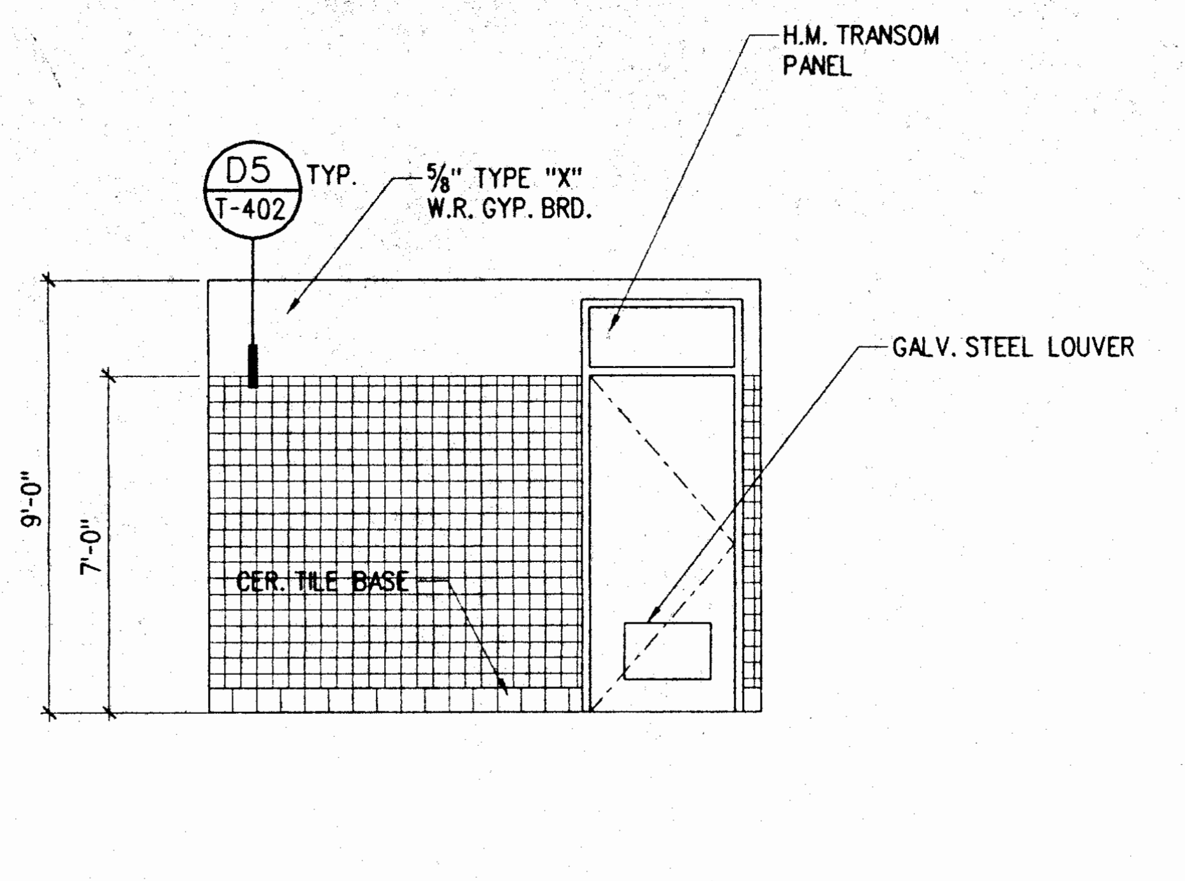
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-11
BINDING ORDER	31 OF 82



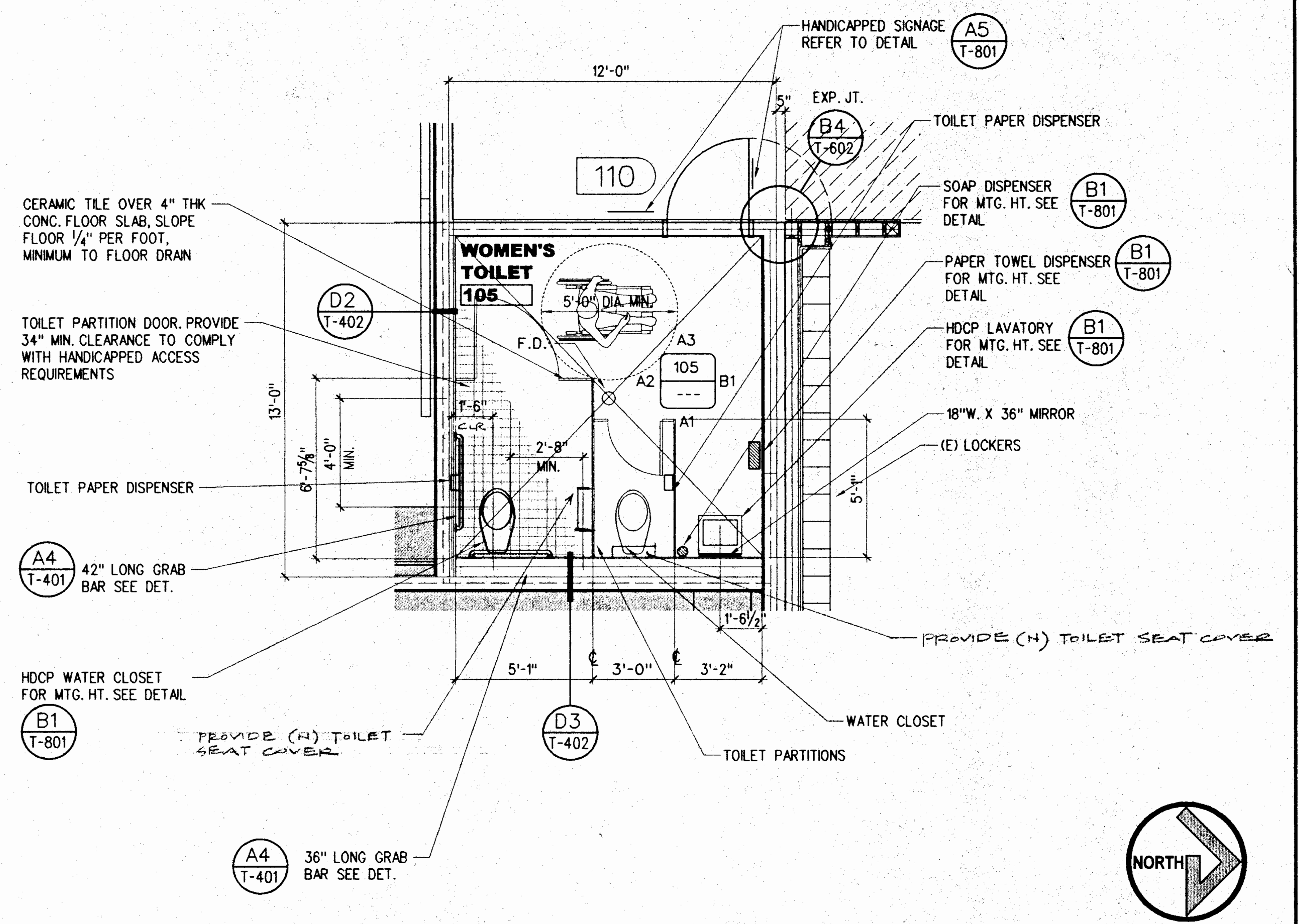
A1 RM 105-EAST ELEVATION
1/4"-1'-0"


T-BAR CLG. SEE
A4
T-501
5/8" TYPE "X"
W.R. GYP. BRD.
9'-0"
7'-0" CER. TILE THINSET O/ TYPE "X" W.R. GYP. BRD
6'-10" TOILET PARTITION
THIN SET 7'-0" HIGH CER TILE OVER 5/8" THK W.R. GYP. BRD
C5
T-402
TYP.
HDCP
C5
T-401

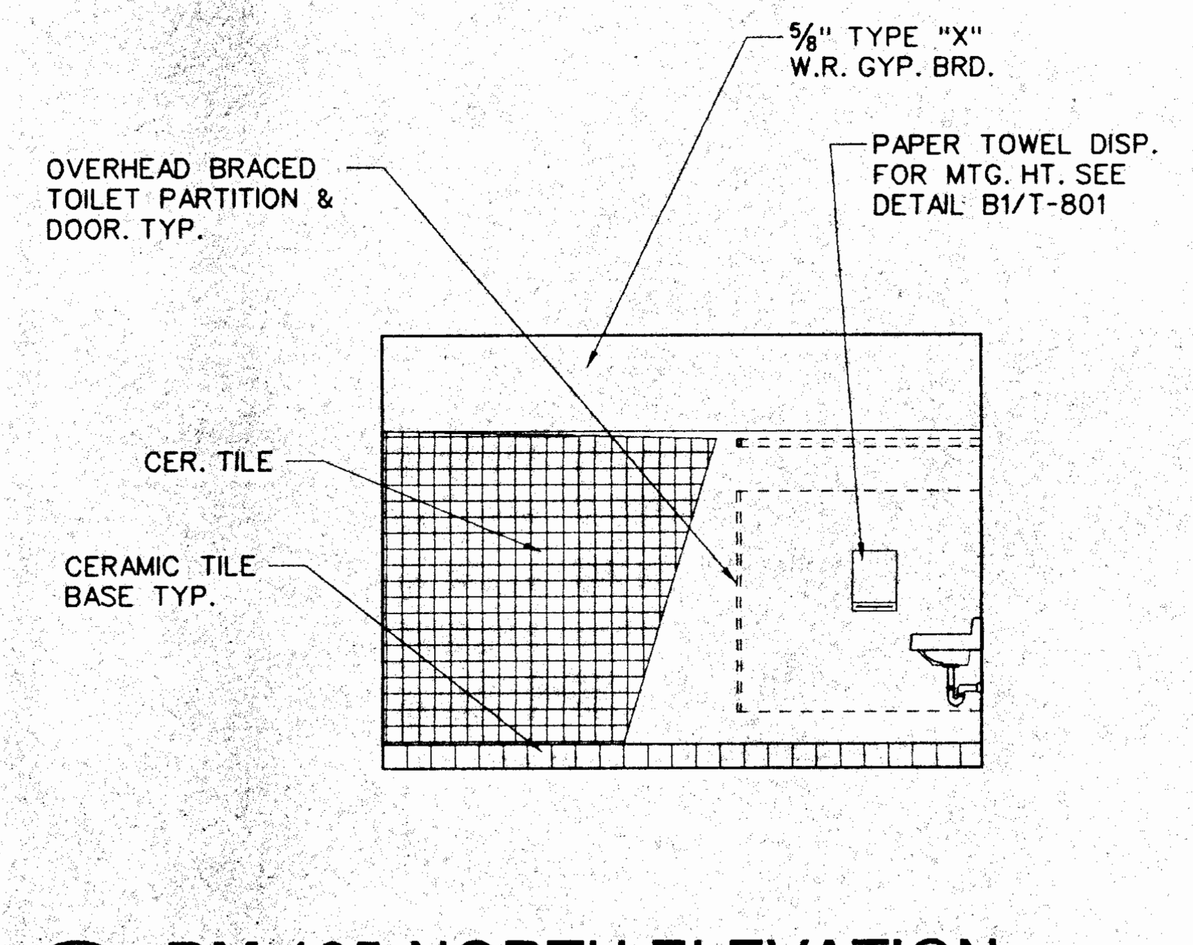
A2 RM105-SOUTH ELEVATION
1/4"-1'-0"



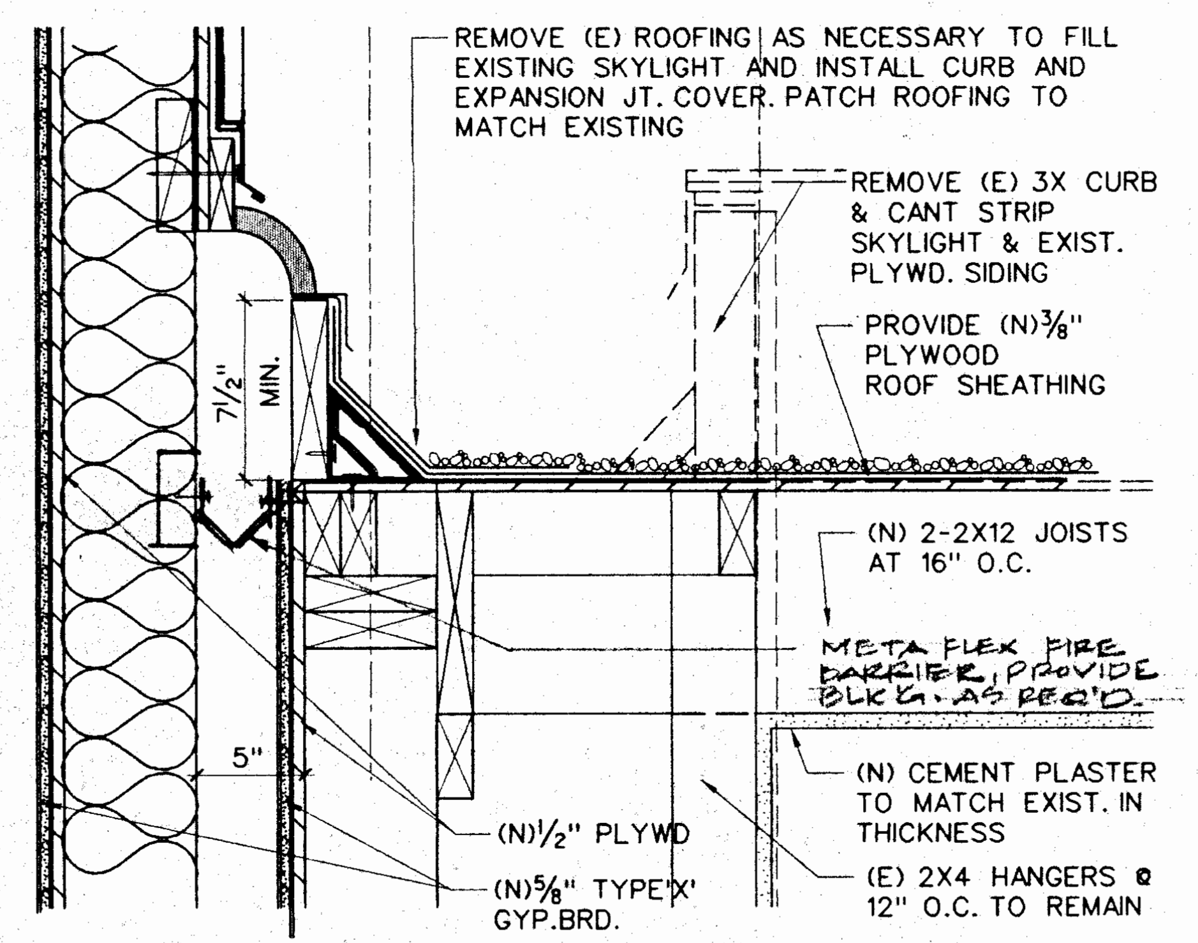
A3 RM 105-WEST ELEVATION
1/4"-1'-0"


HANDICAPPED SIGNAGE REFER TO DETAIL
A5
T-801
12'-0"
EXP. JT.
B4
T-602
TOILET PAPER DISPENSER
110
CERAMIC TILE OVER 4" THK CONC. FLOOR SLAB, SLOPE FLOOR 1/4" PER FOOT, MINIMUM TO FLOOR DRAIN
SOAP DISPENSER FOR MTG. HT. SEE DETAIL
B1
T-801
WOMEN'S TOILET
105
PAPER TOWEL DISPENSER FOR MTG. HT. SEE DETAIL
B1
T-801
TOILET PARTITION DOOR, PROVIDE 34" MIN. CLEARANCE TO COMPLY WITH HANDICAPPED ACCESS REQUIREMENTS
D2
T-402
5'-0" DIA. MIN.
F.D.
A3
105
A2
B1
A1
HDCP LAVATORY FOR MTG. HT. SEE DETAIL
B1
T-801
18"W. X 36" MIRROR
13'-0"
1'-6"
(E) LOCKERS
6'-7 3/4"
4'-8" MIN.
2'-8" MIN.
TOILET PAPER DISPENSER
5'-4"
A4
T-401
42" LONG GRAB BAR SEE DET.
1'-6 1/2"
PROVIDE (N) TOILET SEAT COVER
5'-1"
3'-0"
3'-2"
HDCP WATER CLOSET FOR MTG. HT. SEE DETAIL
B1
T-801
PROVIDE (N) TOILET SEAT COVER
D3
T-402
WATER CLOSET
TOILET PARTITIONS
A4
T-401
36" LONG GRAB BAR SEE DET.
NORTH

B4 WOMEN'S RM TOILET ENLARGED PLAN
1/4"-1'-0"

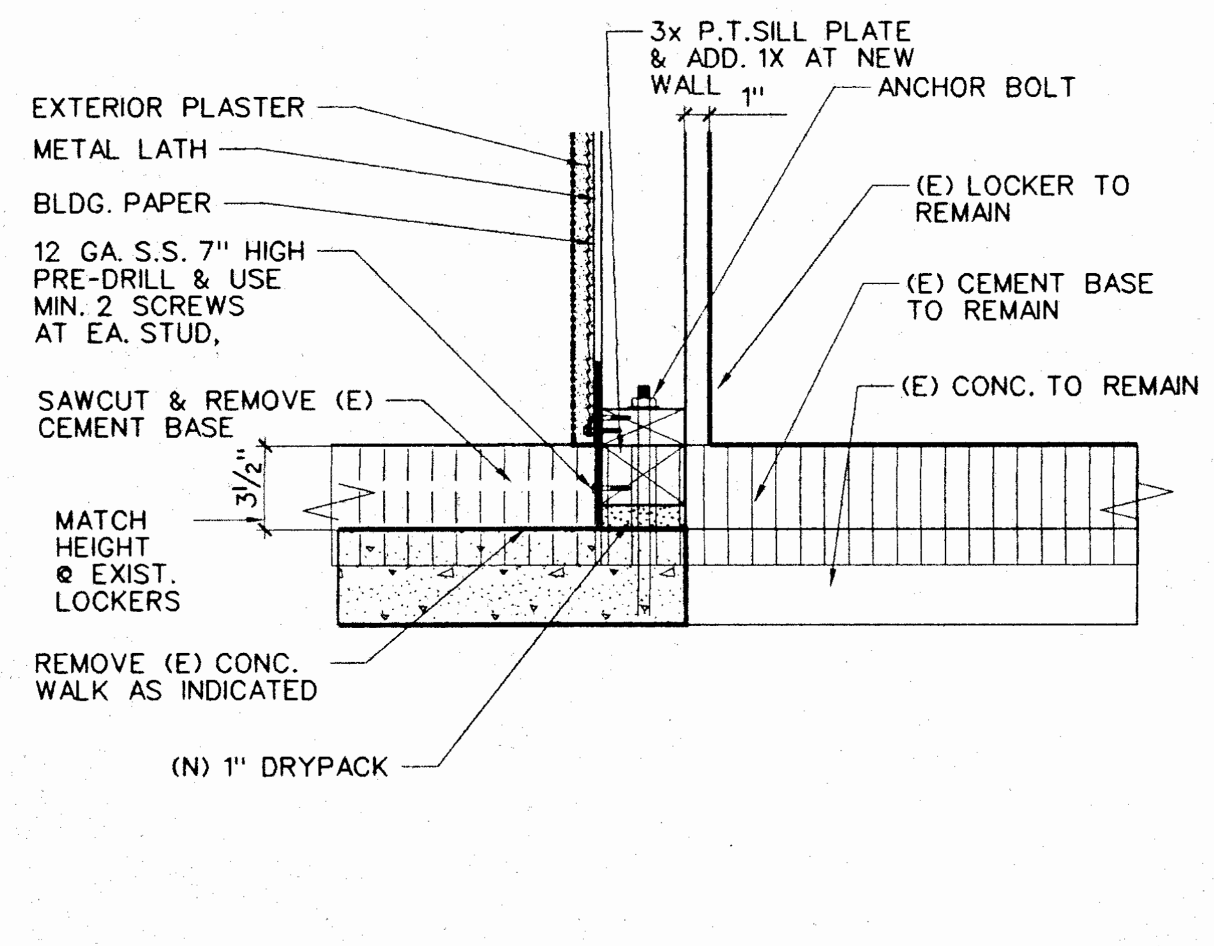

5/8" TYPE "X"
W.R. GYP. BRD.
PAPER TOWEL DISP. FOR MTG. HT. SEE DETAIL B1/T-801
OVERHEAD BRACED TOILET PARTITION & DOOR. TYP.
CER. TILE
CERAMIC TILE BASE TYP.

B1 RM 105-NORTH ELEVATION
1/4"-1'-0"


REMOVE (E) ROOFING AS NECESSARY TO FILL EXISTING SKYLIGHT AND INSTALL CURB AND EXPANSION JT. COVER. PATCH ROOFING TO MATCH EXISTING
REMOVE (E) 3X CURB & CANT STRIP SKYLIGHT & EXIST. PLYWD. SIDING
PROVIDE (N) 3/8" PLYWOOD ROOF SHEATHING
7 1/2"
MIN.
(N) 2-2X12 JOISTS AT 16" O.C.
META FLEX FIRE BARRIER, PROVIDE BLK'G. AS REQ'D.
5"
(N) CEMENT PLASTER TO MATCH EXIST. IN THICKNESS
(N) 1/2" PLYWD
(E) 2X4 HANGERS @ 12" O.C. TO REMAIN
(N) 5/8" TYPE 'X' GYP. BRD.

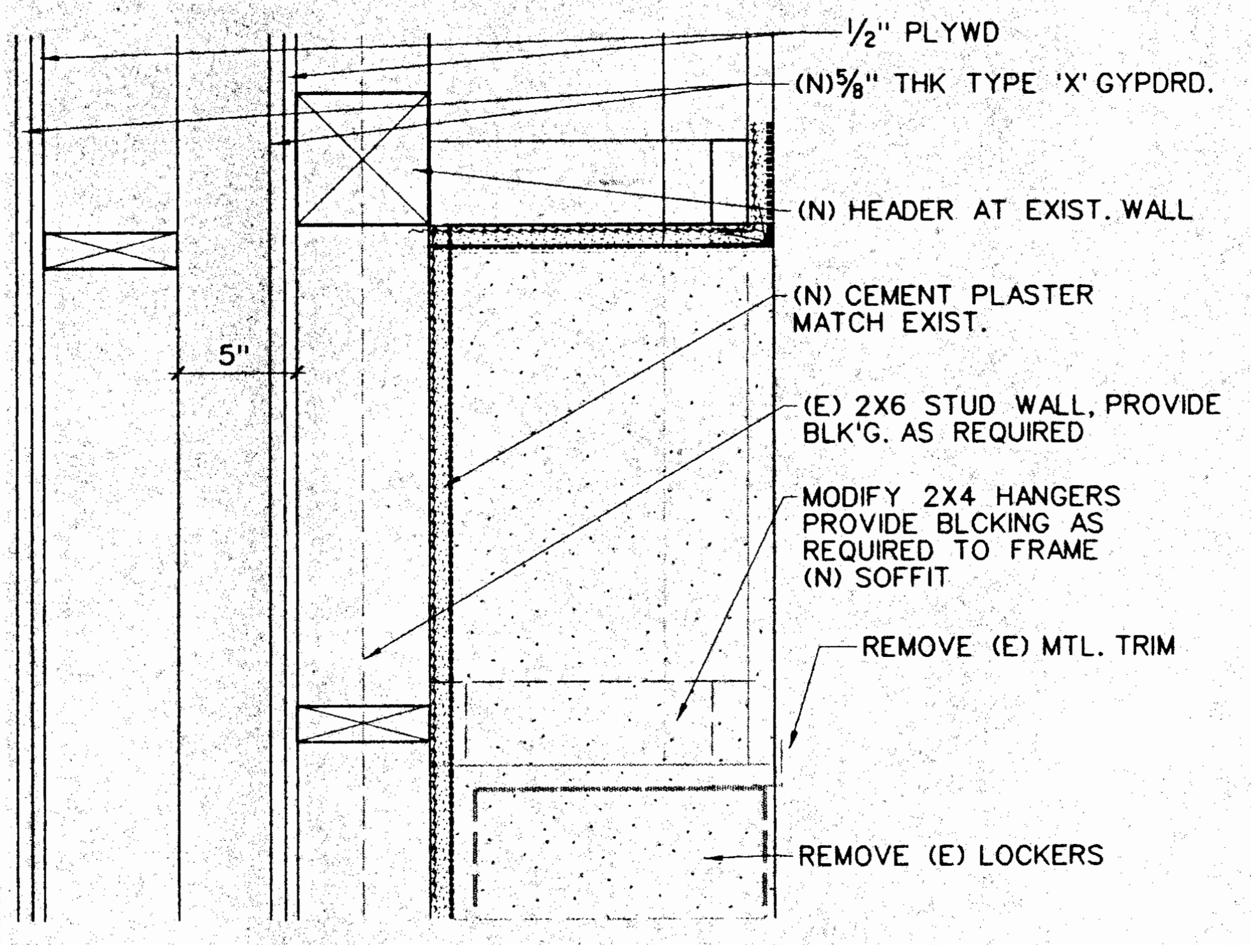
B2 EXPANSION JT. @ EXIST. BLDG.
1 1/2"-1'-0"

MMDET028.dgn


3x P.T. SILL PLATE & ADD. 1X AT NEW WALL
ANCHOR BOLT
1"
EXTERIOR PLASTER
METAL LATH
BLDG. PAPER
12 GA. S.S. 7" HIGH PRE-DRILL & USE MIN. 2 SCREWS AT EA. STUD.
(E) LOCKER TO REMAIN
(E) CEMENT BASE TO REMAIN
SAWCUT & REMOVE (E) CEMENT BASE
(E) CONC. TO REMAIN
MATCH HEIGHT @ EXIST. LOCKERS
3 1/2"
REMOVE (E) CONC. WALK AS INDICATED
(N) 1" DRYPACK

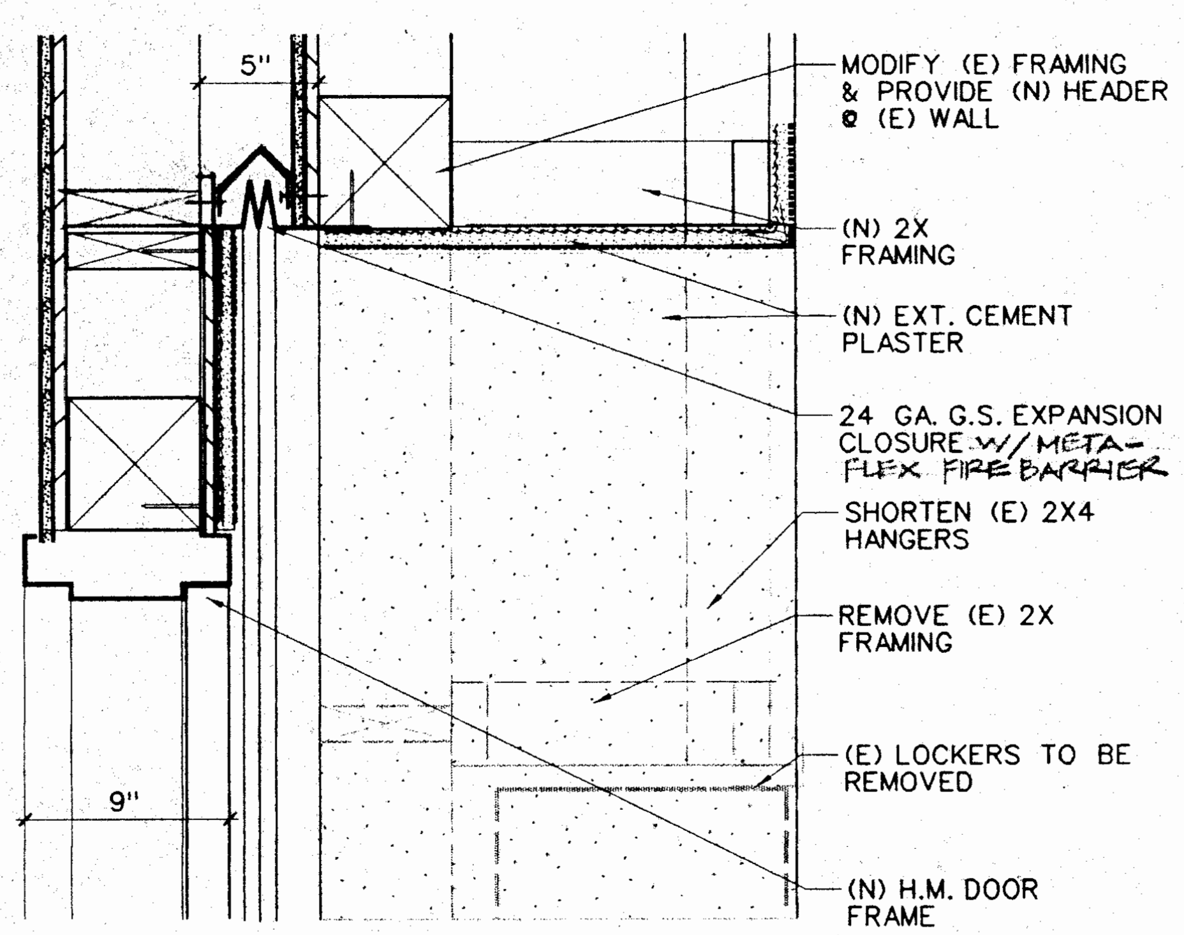
B3 (N) CURB @ LOCKER AREA
1 1/2"-1'-0"

MMDET038.dgn


1/2" PLYWD
(N) 5/8" THK TYPE 'X' GYPDRD.
(N) HEADER AT EXIST. WALL
5"
(N) CEMENT PLASTER MATCH EXIST.
(E) 2X6 STUD WALL, PROVIDE BLK'G. AS REQUIRED
MODIFY 2X4 HANGERS PROVIDE BLCKING AS REQUIRED TO FRAME (N) SOFFIT
REMOVE (E) MTL. TRIM
REMOVE (E) LOCKERS

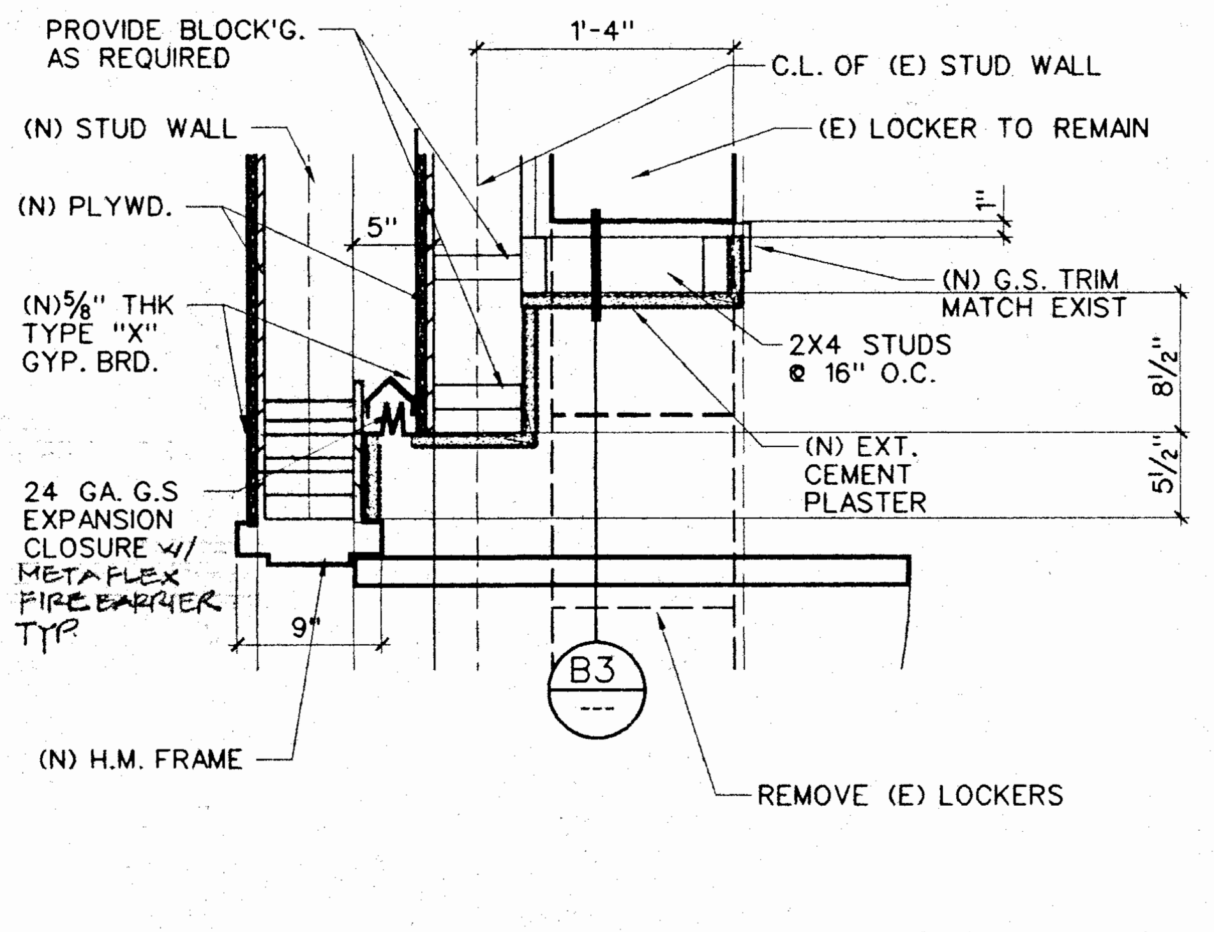
C1 OPENING @ EXIST. WALL
1 1/2"-1'-0"

MMDET032.dgn


5"
MODIFY (E) FRAMING & PROVIDE (N) HEADER @ (E) WALL
(N) 2X FRAMING
(N) EXT. CEMENT PLASTER
24 GA. G.S. EXPANSION CLOSURE W/ META-FLEX FIRE BARRIER
SHORTEN (E) 2X4 HANGERS
REMOVE (E) 2X FRAMING
(E) LOCKERS TO BE REMOVED
9"
(N) H.M. DOOR FRAME

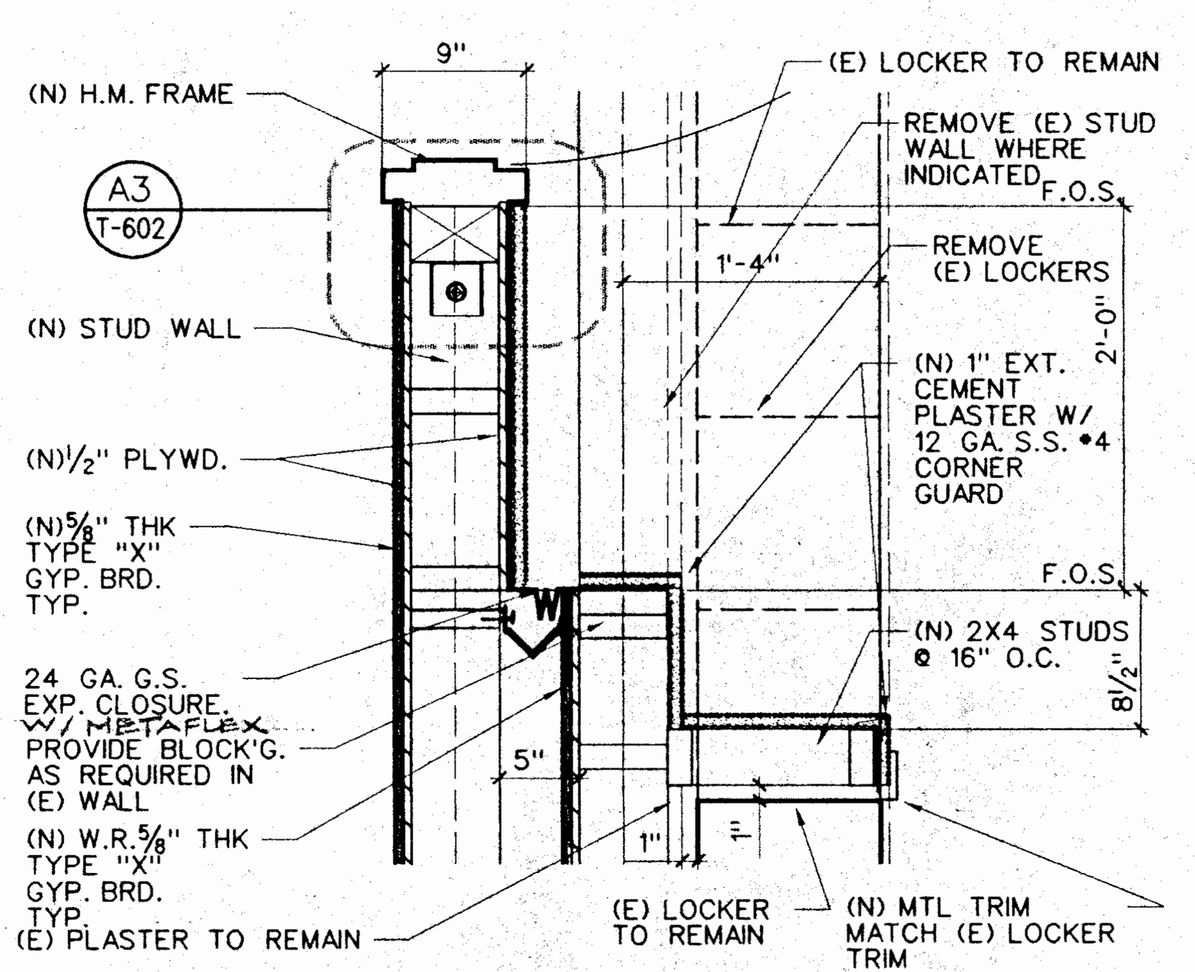
C2 OPENING @ EXIST. WALL
1 1/2"-1'-0"

MMDET033.dgn



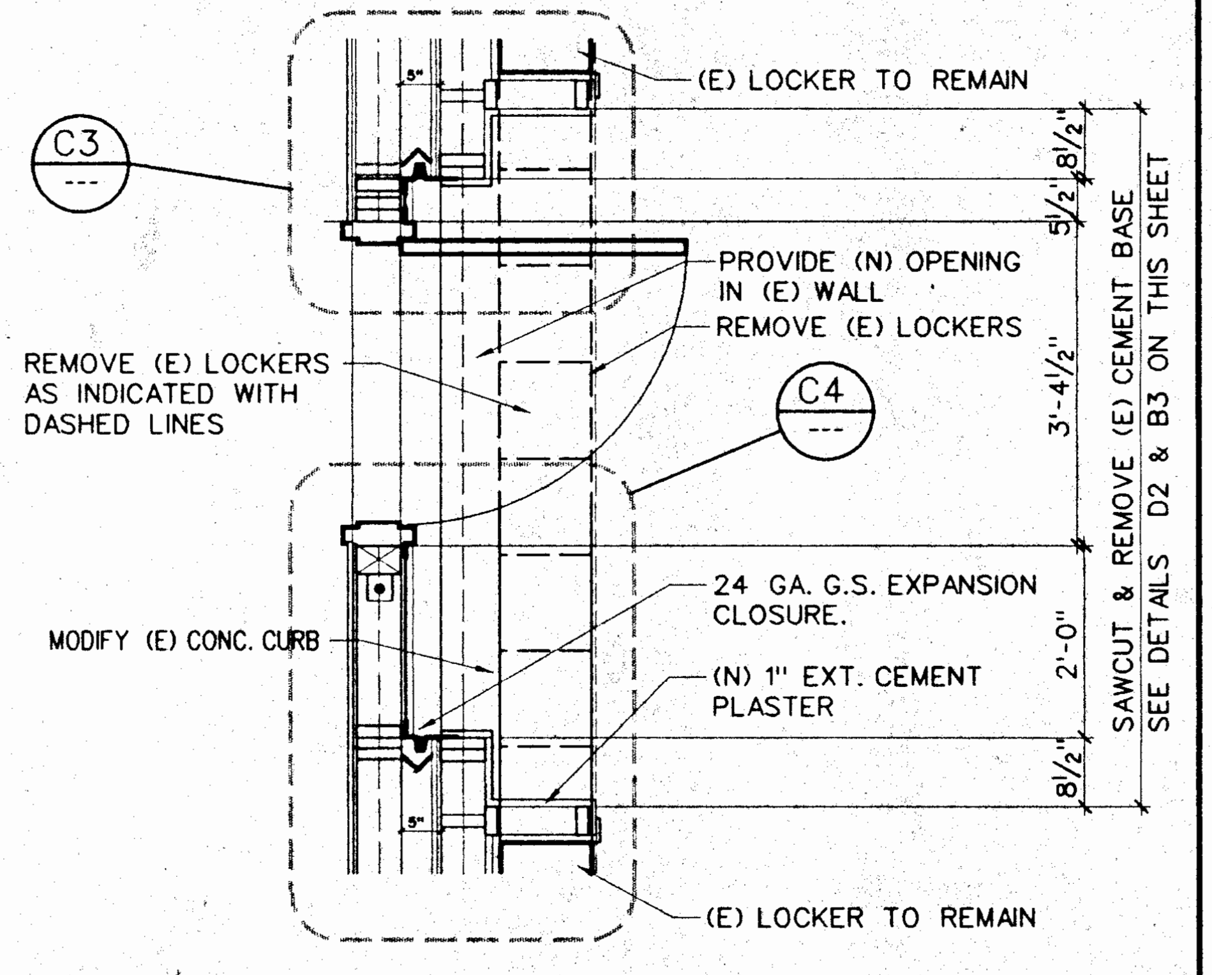
C3 MODIFICATION TO (E) LOCKERS
1" - 1'-0"

MMDET024.dgn


9"
(E) LOCKER TO REMAIN
(N) H.M. FRAME
REMOVE (E) STUD WALL WHERE INDICATED
F.O.S.
A3
T-602
1'-4"
REMOVE (E) LOCKERS
(N) STUD WALL
(N) 1" EXT. CEMENT PLASTER W/ 12 GA. S.S. #4 CORNER GUARD
2'-0"
(N) 1/2" PLYWD.
(N) 5/8" THK TYPE "X" GYP. BRD.
F.O.S.
24 GA. G.S. EXP. CLOSURE W/ METAFLEX PROVIDE BLOCK'G. AS REQUIRED IN (E) WALL
(N) 2X4 STUDS @ 16" O.C.
8 1/2"
5"
(N) W.R. 5/8" THK TYPE "X" GYP. BRD. TYP.
1"
1"
(E) PLASTER TO REMAIN
(E) LOCKER TO REMAIN
(N) MTL TRIM MATCH (E) LOCKER TRIM

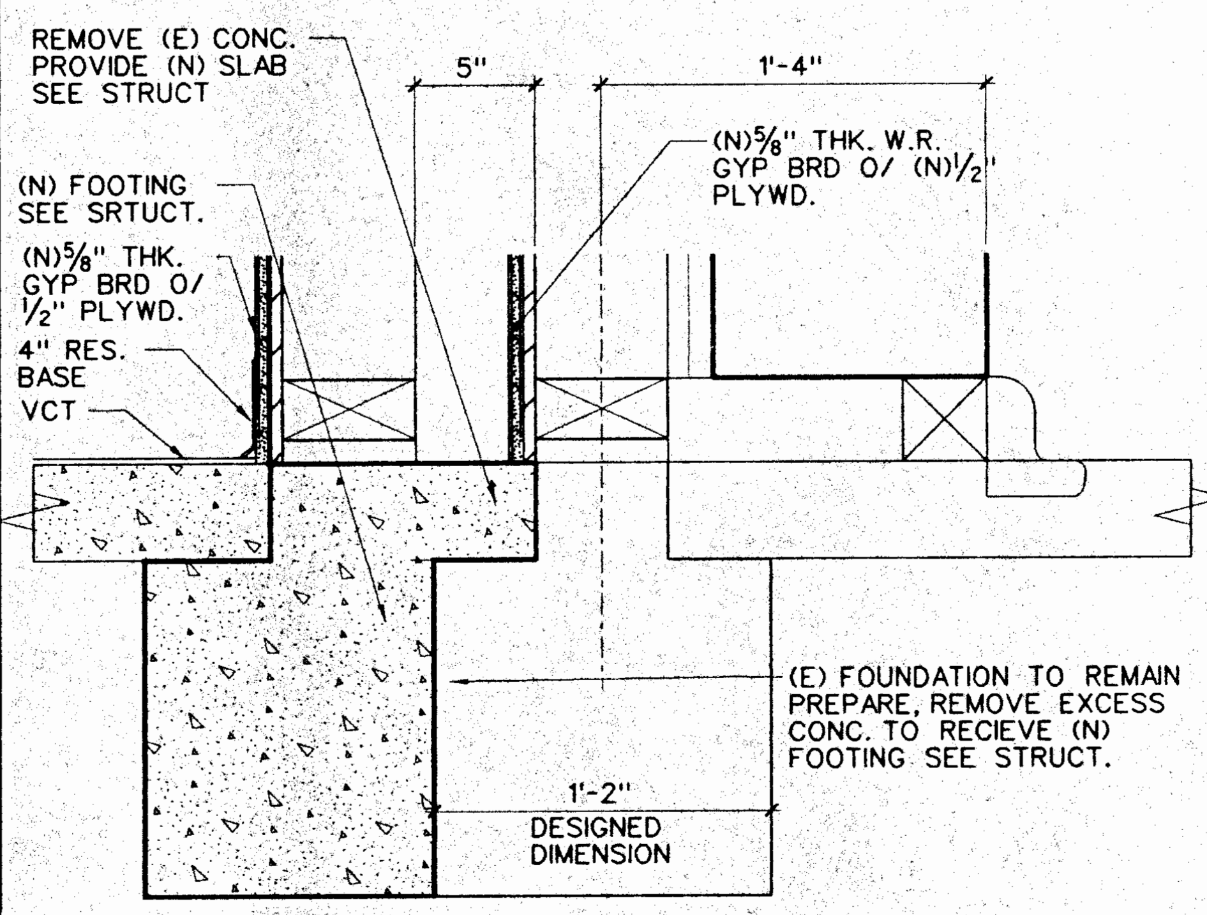
C4 MODIFICATION TO (E) LOCKER
1" - 1'-0"

mmdet023.dgn


(E) LOCKER TO REMAIN
C3
PROVIDE (N) OPENING IN (E) WALL
REMOVE (E) LOCKERS
REMOVE (E) LOCKERS AS INDICATED WITH DASHED LINES
C4
5 1/2"
8 1/2"
3'-4 1/2"
24 GA. G.S. EXPANSION CLOSURE.
MODIFY (E) CONC. CURB
(N) 1" EXT. CEMENT PLASTER
2'-0"
8 1/2"
SAWCUT & REMOVE (E) CEMENT BASE SEE DETAILS D2 & B3 ON THIS SHEET
(E) LOCKER TO REMAIN

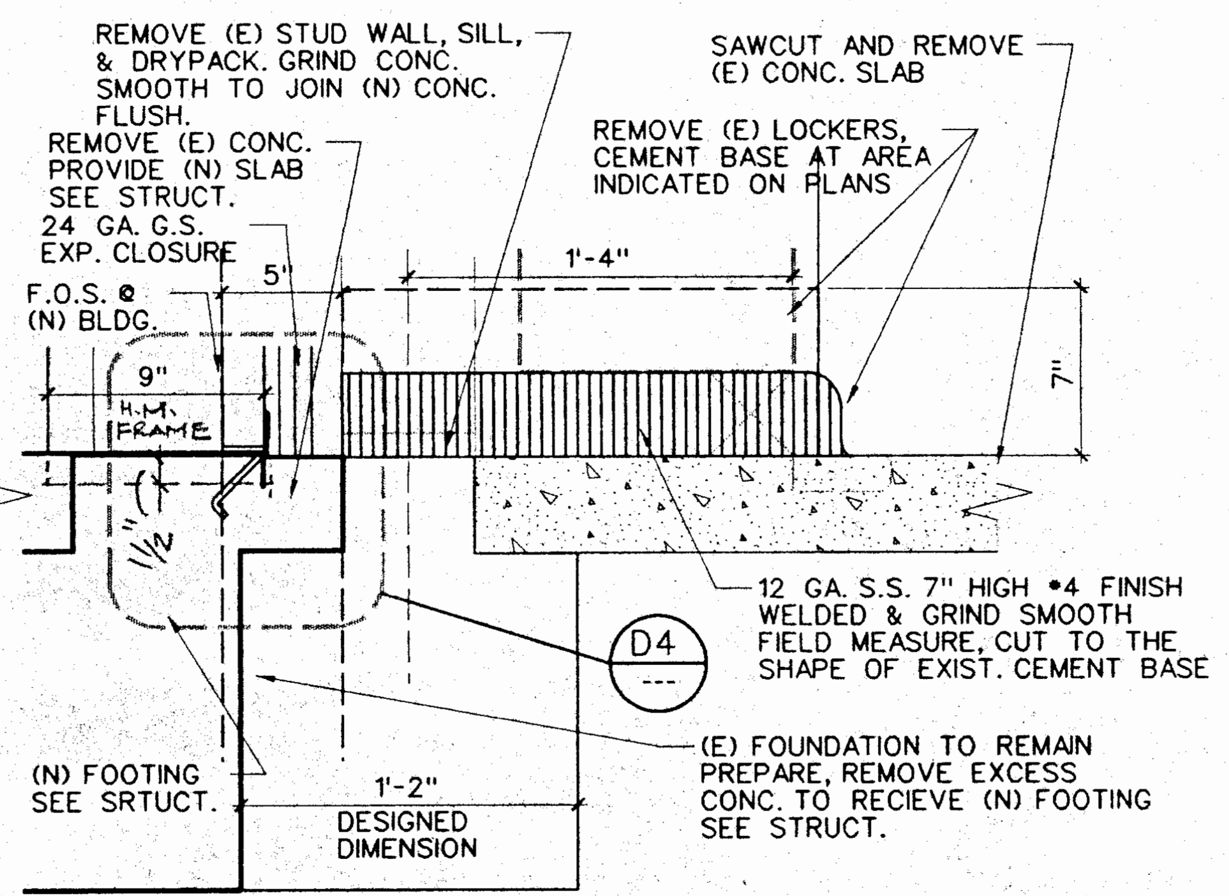
C5 MODIFICATION TO (E) LOCKERS
1/2"-1'-0"

mmdet025.dgn


REMOVE (E) CONC. PROVIDE (N) SLAB SEE STRUCT
5"
1'-4"
(N) 5/8" THK. W.R. GYP BRD O/ (N) 1/2" PLYWD.
(N) FOOTING SEE SRTUCT.
(N) 5/8" THK. GYP BRD O/ 1/2" PLYWD.
4" RES. BASE
VCT
(E) FOUNDATION TO REMAIN PREPARE, REMOVE EXCESS CONC. TO RECIEVE (N) FOOTING SEE STRUCT.
1'-2"
DESIGNED DIMENSION

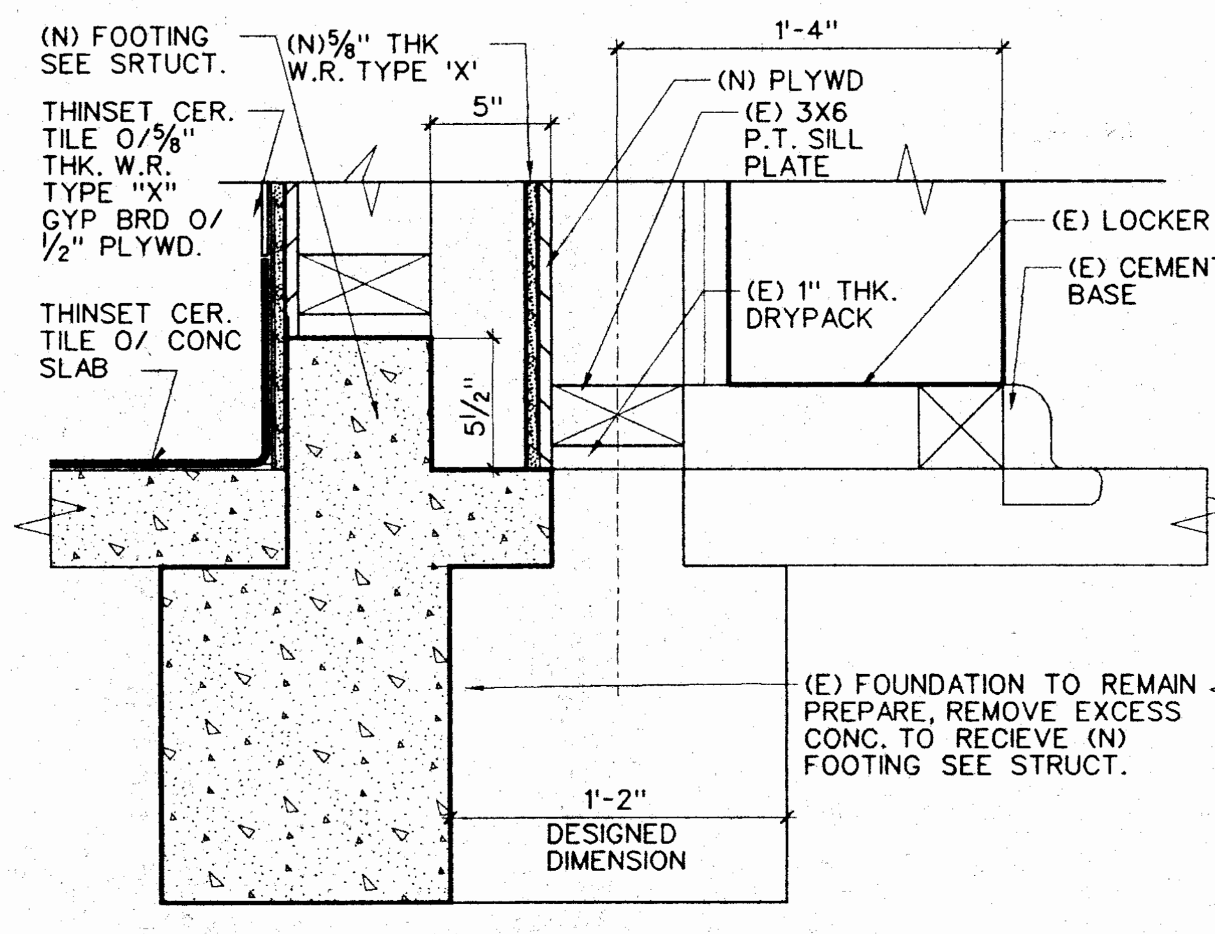
D1 FOOTING @ (E) BLDG.
1 1/2"-1'-0"

MMDET034.dgn


REMOVE (E) STUD WALL, SILL, & DRYPACK. GRIND CONC. SMOOTH TO JOIN (N) CONC. FLUSH.
SAWCUT AND REMOVE (E) CONC. SLAB
REMOVE (E) CONC. PROVIDE (N) SLAB SEE STRUCT.
REMOVE (E) LOCKERS, CEMENT BASE AT AREA INDICATED ON PLANS
24 GA. G.S. EXP. CLOSURE
5"
1'-4"
F.O.S. @ (N) BLDG.
9"
H.M. FRAME
7"
1 1/2"
12 GA. S.S. 7" HIGH #4 FINISH WELDED & GRIND SMOOTH FIELD MEASURE, CUT TO THE SHAPE OF EXIST. CEMENT BASE
D4
(N) FOOTING SEE SRTUCT.
1'-2"
DESIGNED DIMENSION
(E) FOUNDATION TO REMAIN PREPARE, REMOVE EXCESS CONC. TO RECIEVE (N) FOOTING SEE STRUCT.

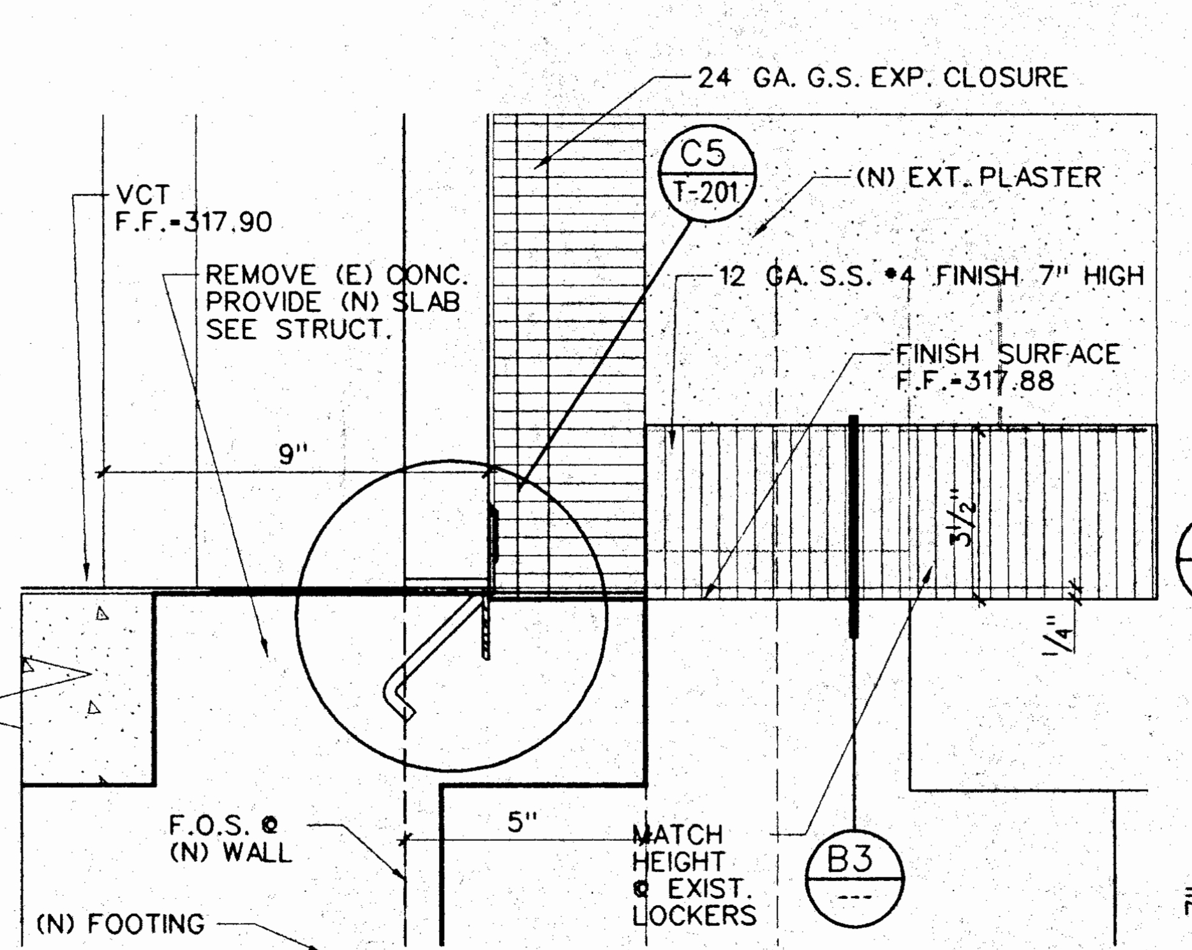
D2 (N) CONC. @ EXIST. BLDG.
1 1/2"-1'-0"

MMDET030.dgn


(N) FOOTING SEE SRTUCT.
(N) 5/8" THK W.R. TYPE 'X'
1'-4"
THINSET CER. TILE O/ 5/8" THK. W.R. TYPE "X" GYP BRD O/ 1/2" PLYWD.
5"
(N) PLYWD
(E) 3X6 P.T. SILL PLATE
(E) LOCKER
(E) CEMENT BASE
(E) 1" THK. DRYPACK
THINSET CER. TILE O/ CONC SLAB
5 1/2"
(E) FOUNDATION TO REMAIN PREPARE, REMOVE EXCESS CONC. TO RECIEVE (N) FOOTING SEE STRUCT.
1'-2"
DESIGNED DIMENSION

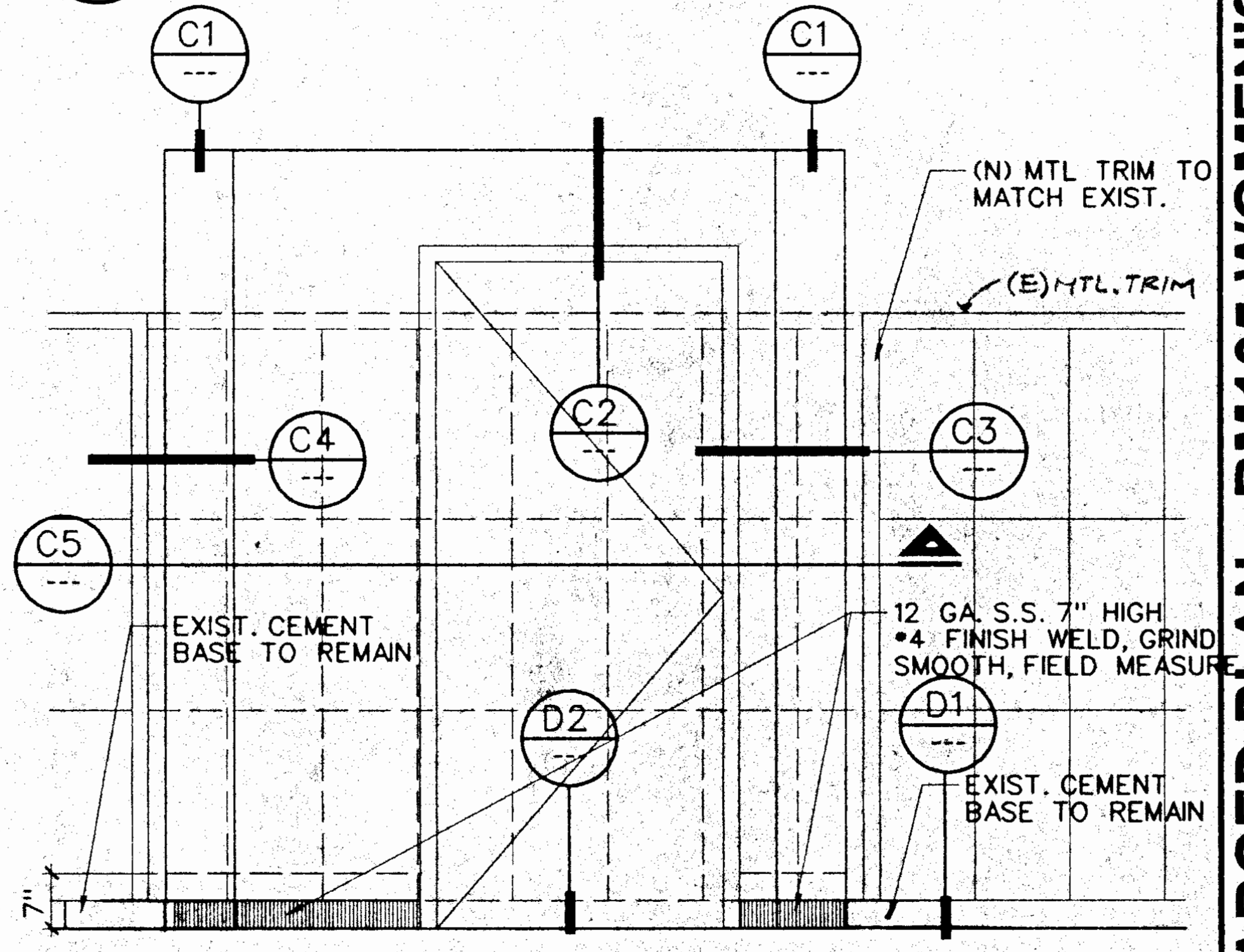
D3 CONC. CURB @ EXIST. BLDG.
1 1/2"-1'-0"

MMDET035.dgn


24 GA. G.S. EXP. CLOSURE
C5
T-201
(N) EXT. PLASTER
VCT F.F.-317.90
12 GA. S.S. #4 FINISH 7" HIGH
REMOVE (E) CONC. PROVIDE (N) SLAB SEE STRUCT.
FINISH SURFACE F.F.-317.88
9"
3 1/2"
1/4"
5"
F.O.S. @ (N) WALL
MATCH HEIGHT @ EXIST. LOCKERS
B3
(N) FOOTING

D4 THRESHOLD @ (E) BLDG.
3"-1'-0"

MMDET036.dgn


C1
C1
(N) MTL TRIM TO MATCH EXIST.
(E) MTL. TRIM
C4
C2
C3
C5
EXIST. CEMENT BASE TO REMAIN
12 GA. S.S. 7" HIGH #4 FINISH WELD, GRIND SMOOTH, FIELD MEASURE
D2
D1
EXIST. CEMENT BASE TO REMAIN
7"

D5 (N) OPENING @ (E) LOCKER WALL
1/2"-1'-0"

MMDET037.dgn

ENLARGED PLAN - RM105 WOMEN'S TOILET ROOM

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

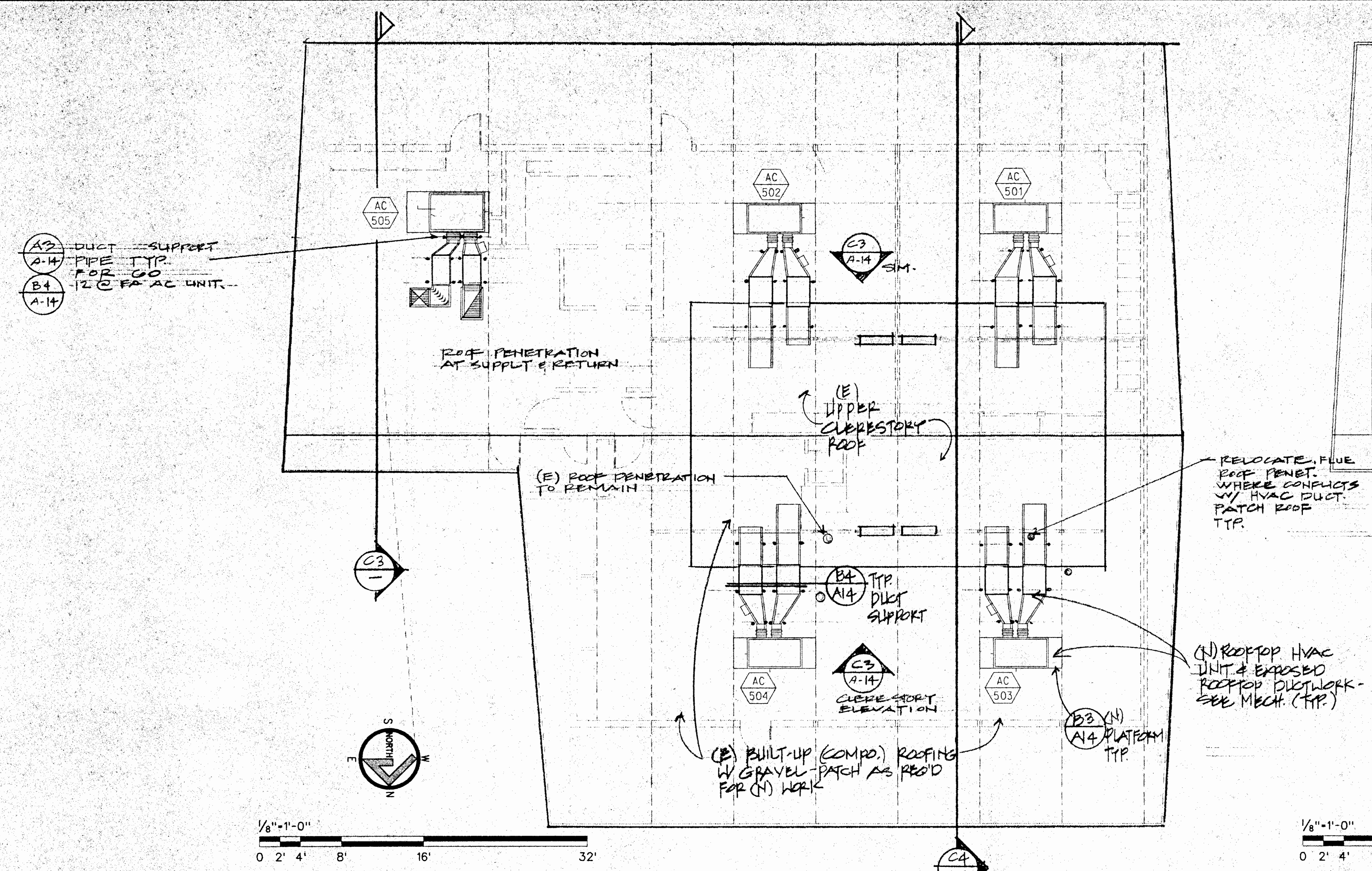
C A R M I C H A E L - K E M P
A R C H I T E C T S
A I A
2870 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Li FLS SS
DATE DEC 14 1999

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-12
BINDING ORDER	32 OF 82

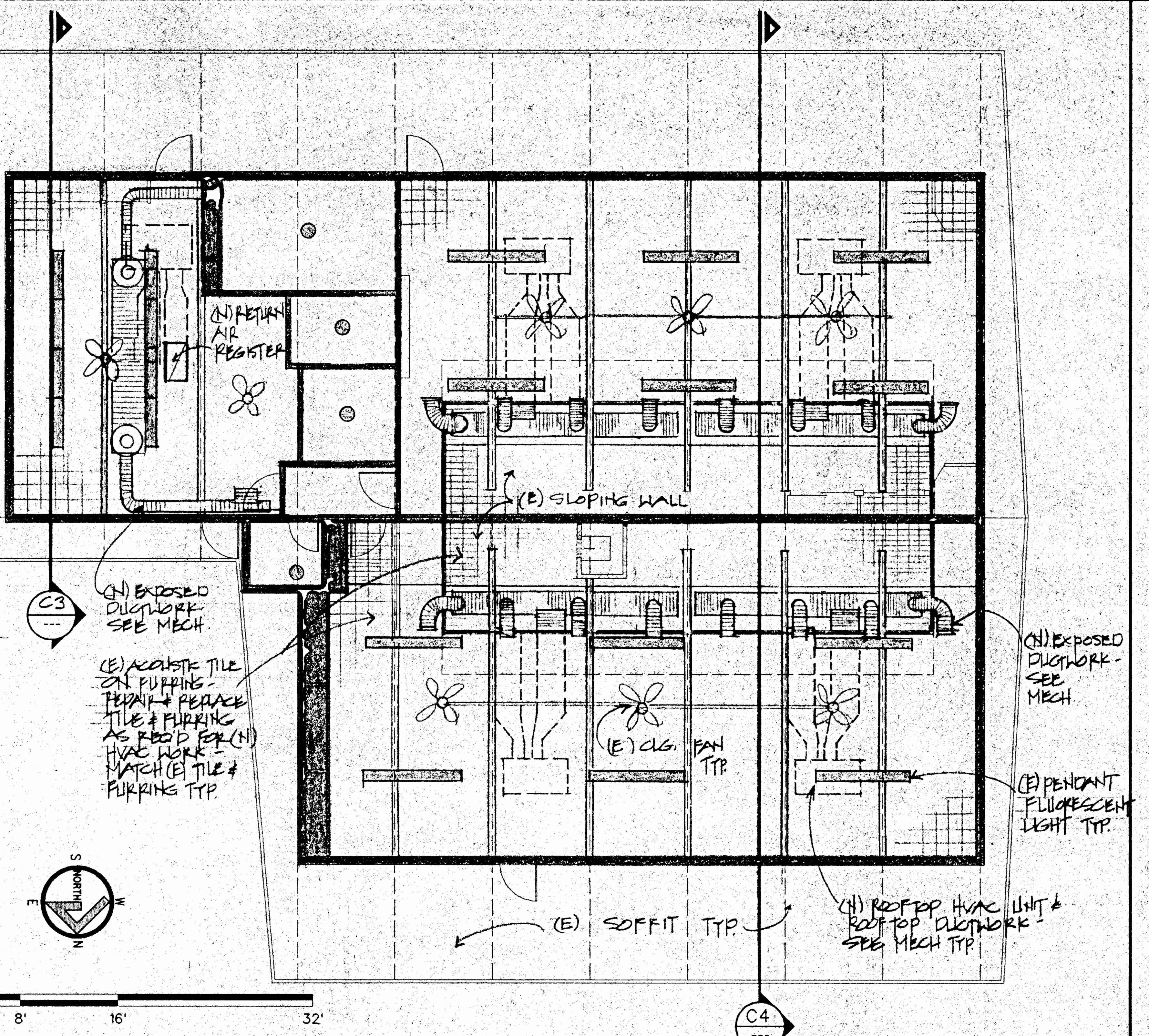
c:\grossmont\9822-1\a-12.sht Dec. 07, 1999 12:22:33


A3 / A-14 DUCT SUPPORT PIPE TYP. FOR 60
B4 / A-14 12 @ FA AC UNIT.
AC 505
AC 502
AC 501
AC 504
AC 503
C3 / A-14 SIM.
ROOF PENETRATION AT SUPPLY & RETURN
(E) UPPER CLERESTORY ROOF
(E) ROOF PENETRATION TO REMAIN
RELOCATE FLUE ROOF PENET. WHERE CONFLICTS W/ HVAC DUCT. PATCH ROOF TYP.
B4 / A14 TYP. DUCT SUPPORT
C3 / A-14 CLERESTORY ELEVATION
(N) ROOFTOP HVAC UNIT & EXPOSED ROOFTOP DUCTWORK - SEE MECH. (TYP.)
B3 / A14 (N) PLATFORM TYP.
(E) BUILT-UP (COMPO.) ROOFING W/ GRAVEL - PATCH AS REQ'D FOR (N) WORK
C3
C4
NORTH
S
E
W
N
1/8"=1'-0"
0 2' 4' 8' 16' 32'

B2 BLDG. 500 - ROOF PLAN

1/8"=1'-0"

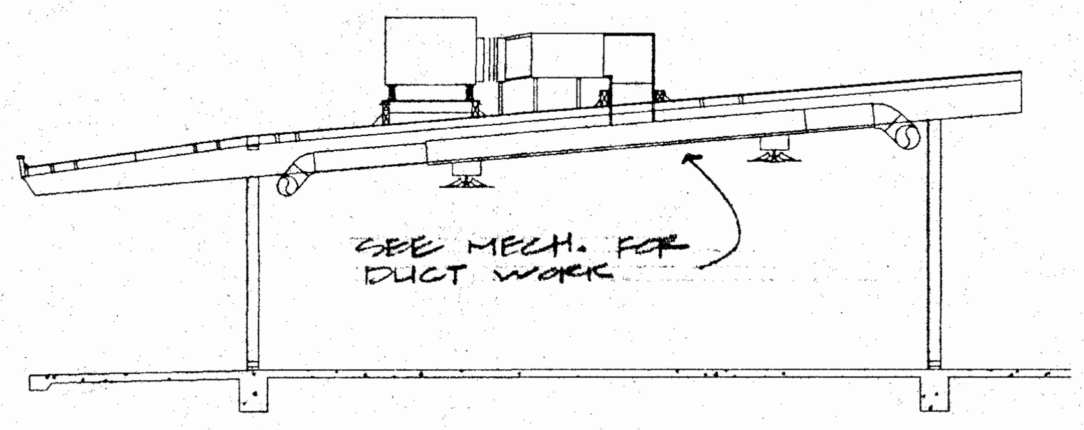
.dgn


(N) RETURN AIR REGISTER
(E) SLOPING WALL
(N) EXPOSED DUCTWORK SEE MECH.
(E) ACOUSTIC TILE ON FURRING - REPAIR & REPLACE TILE & FURRING AS REQ'D FOR (N) HVAC WORK - MATCH (E) TILE & FURRING TYP.
(N) EXPOSED DUCTWORK - SEE MECH.
(E) CLG. FAN TYP.
(E) PENDANT FLUORESCENT LIGHT TYP.
(E) SOFFIT TYP.
(N) ROOFTOP HVAC UNIT & ROOFTOP DUCTWORK - SEE MECH TYP.
C3
C4
NORTH
S
E
W
N
1/8"=1'-0"
0 2' 4' 8' 16' 32'

B4 BLDG. 500 - REFLECTED CEILING PLAN

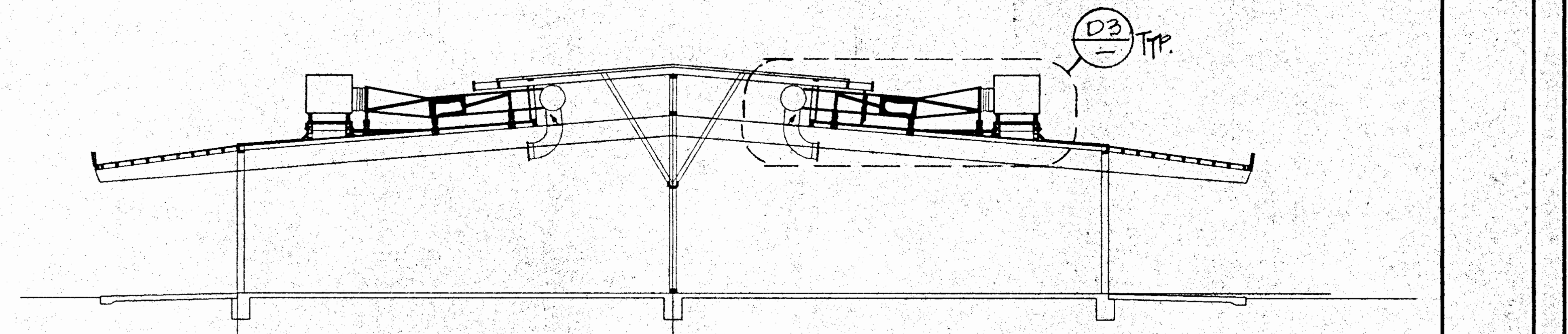
1/8"=1'-0"

.dgn



C3

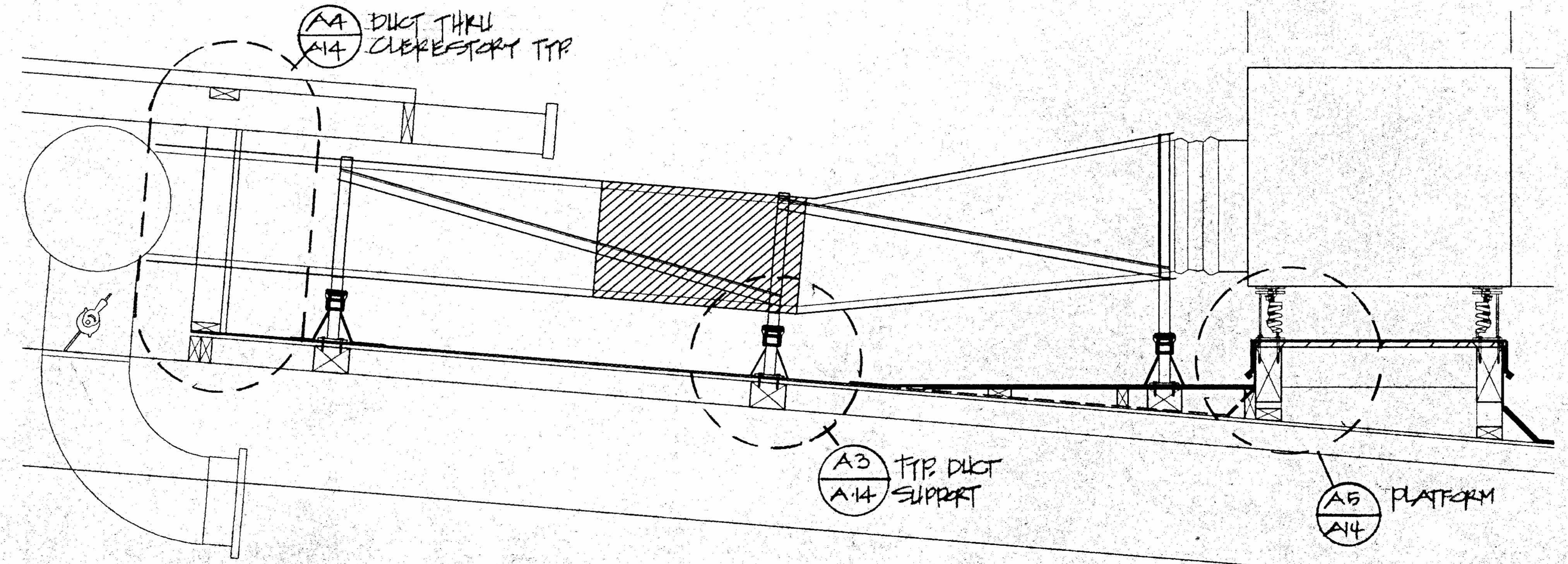
.dgn



C4 BLDG. 500 - SECTION

1/8"=1'-0"

.dgn


A4 / A14 DUCT THRU CLERESTORY TYP.
A3 / A-14 TYP. DUCT SUPPORT
A5 / A14 PLATFORM

D3 SECTION THRU CLERESTORY

3/4"-1'-0"

mmdet121.dgn

c:\orosmont\9822-1\a-13.sht Dec. 13, 1999 18:14:19

BLDG 500 - HVAC SYSTEM (ALT BID)

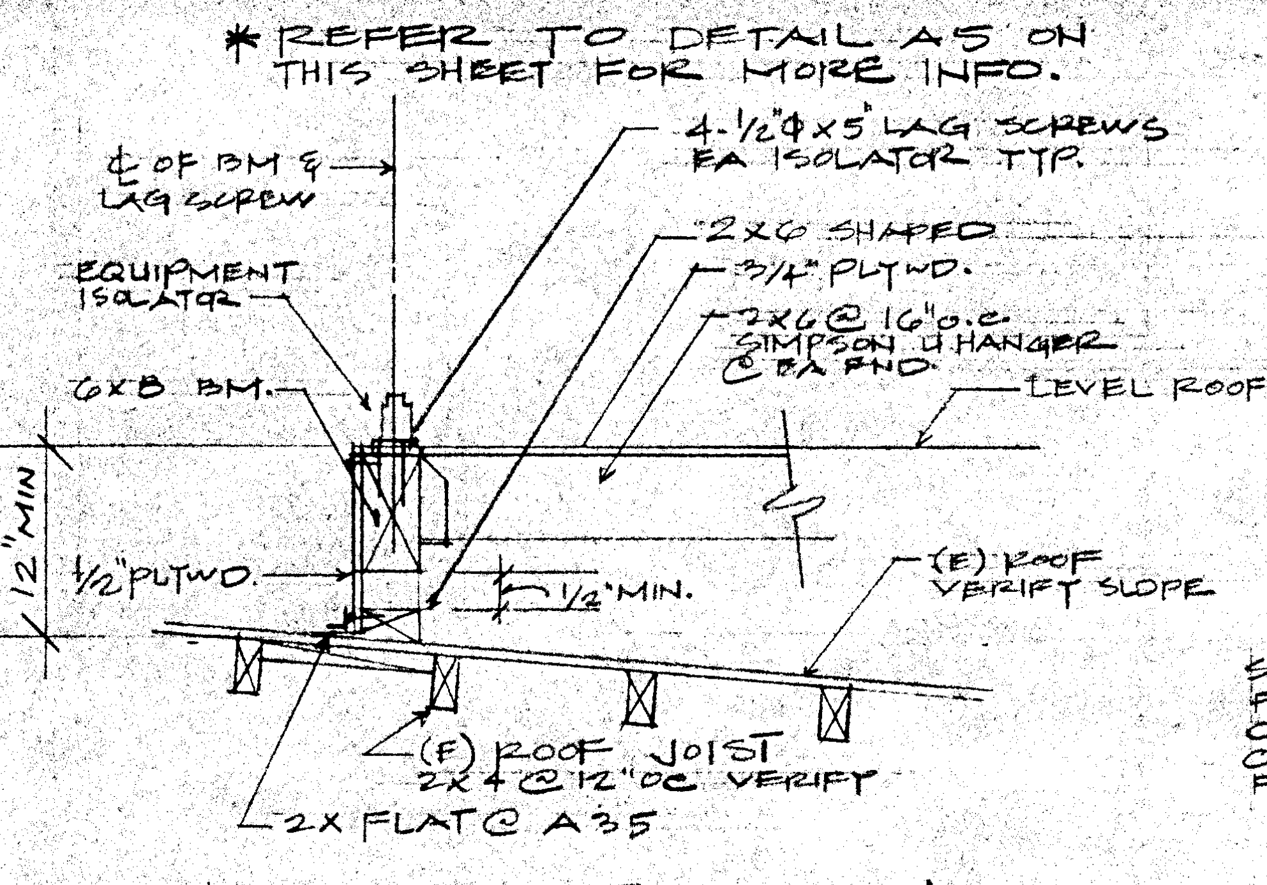
CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES CA (323) 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

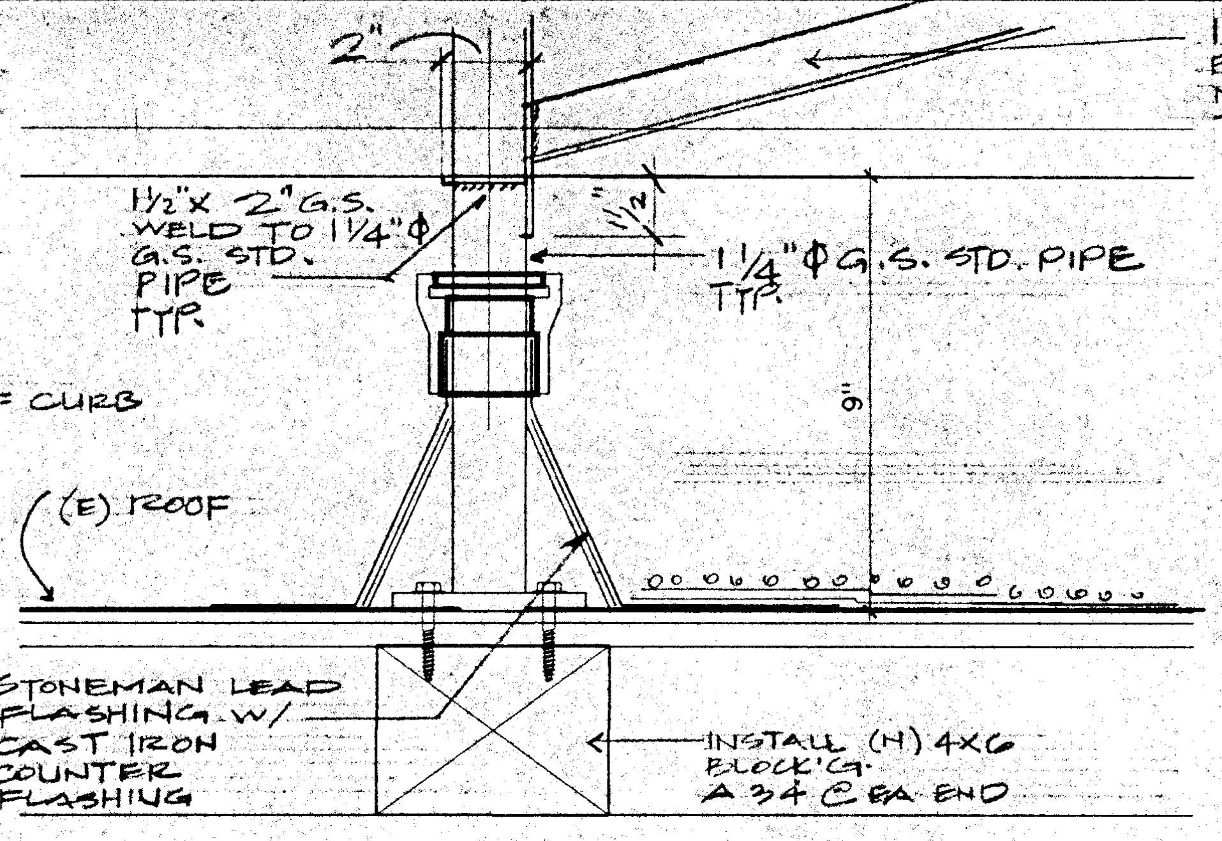
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS ___ SS ___
DATE DEC 1 4 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

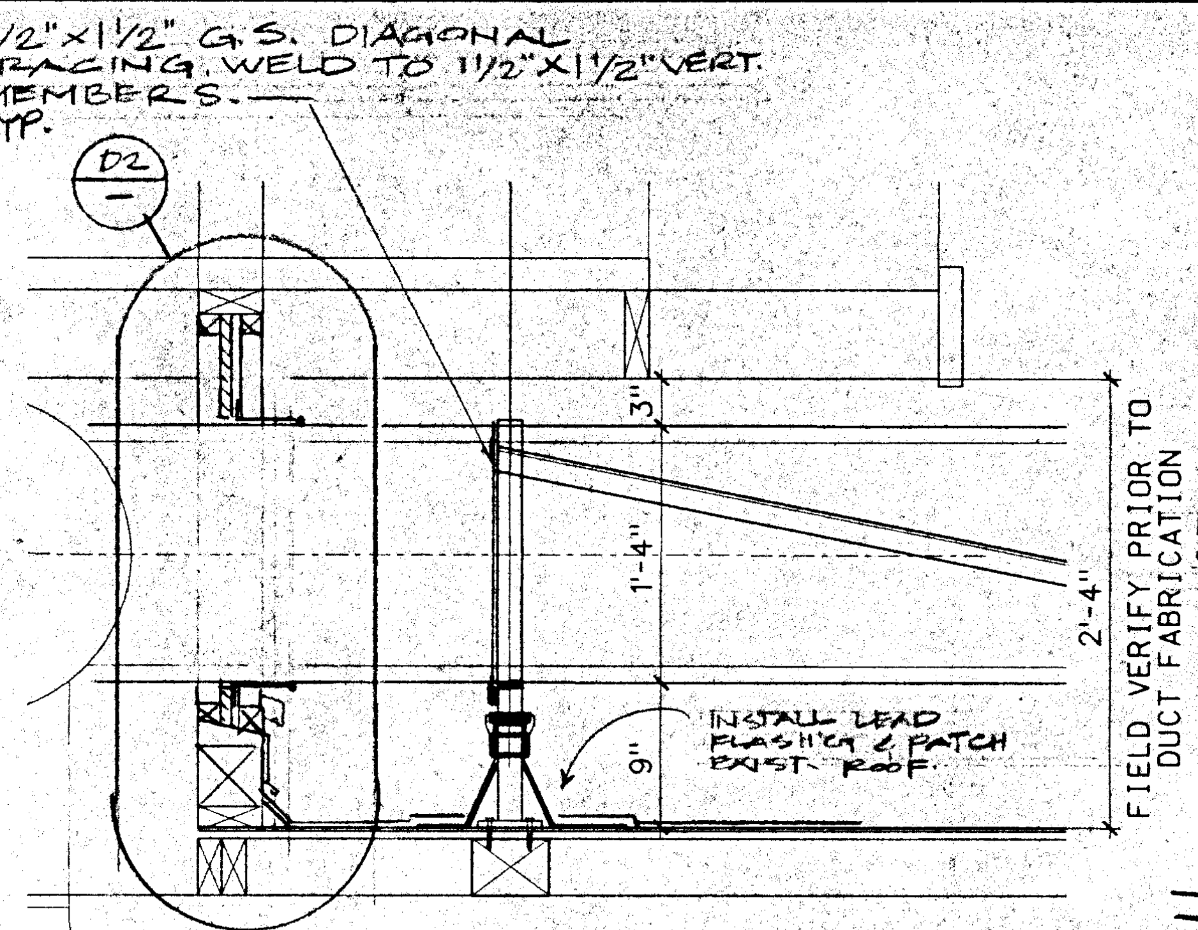
JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
A-13
BINDING ORDER 33 OF 82


* REFER TO DETAIL A5 ON THIS SHEET FOR MORE INFO.
℄ OF BM & LAG SCREW
4-1/2"ϕ x 5" LAG SCREWS EA ISOLATOR TYP.
2x6 SHAPED
3/4" PLYWD.
2x6 @ 16" o.c. SIMPSON U HANGER @ EA END
EQUIPMENT ISOLATOR
6x8 BM.
LEVEL ROOF CURB
12" MIN
1/2" PLYWD.
1/2" MIN.
(E) ROOF VERIFY SLOPE
(E) ROOF JOIST 2x4 @ 12" OC VERIFY
2X FLAT @ A35

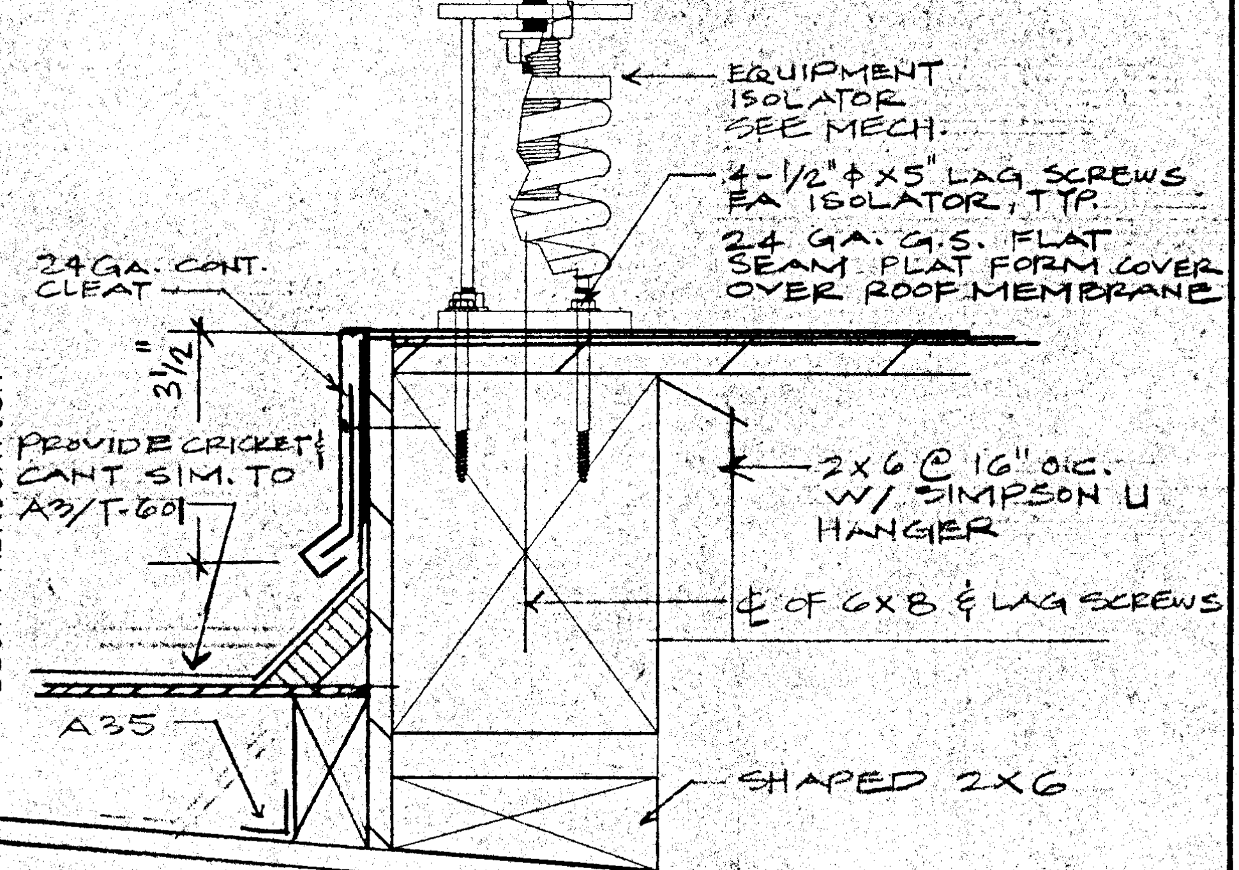
FRAMING. SECTION
A2 NEW PLATFORM - BLDG 500
NO SCALE


2"
1 1/2" x 2" G.S. WELD TO 1 1/4"ϕ G.S. STD. PIPE TYP.
1 1/2"
1 1/4"ϕ G.S. STD. PIPE TYP.
9"
(E) ROOF
STONEMAN LEAD FLASHING W/ CAST IRON COUNTER FLASHING
INSTALL (N) 4x6 BLOCK'G. A34 @ EA END

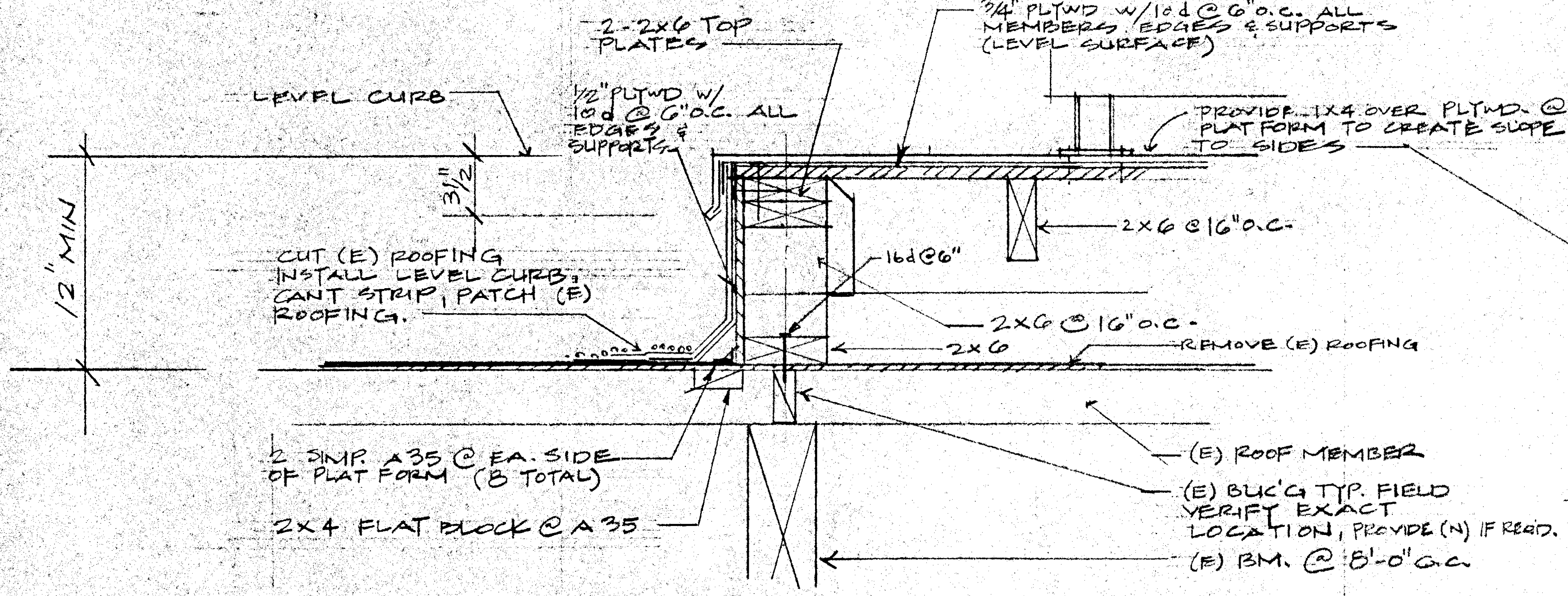
A3 TYP. LEAD FLASHING DETAIL
3"-1'-0"
mmdet120.dgn


1 1/2" x 1 1/2" G.S. DIAGONAL BRACING, WELD TO 1 1/2" x 1 1/2" VERT. MEMBERS. TYP.
D2
3"
1'-4"
2'-4"
9"
FIELD VERIFY PRIOR TO DUCT FABRICATION
INSTALL LEAD FLASH'G & PATCH EXIST. ROOF.

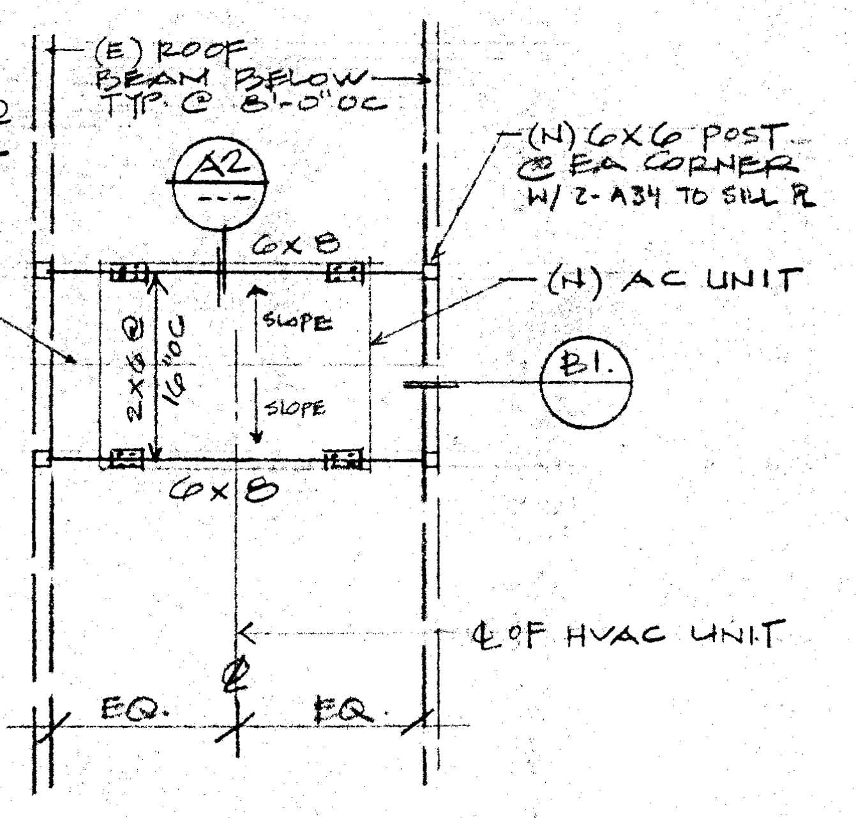
A4 DUCT PENETRATION @ LOUVERS
1" - 1'-0"
mmdet119.dgn


EQUIPMENT ISOLATOR SEE MECH.
4-1/2"ϕ x 5" LAG SCREWS EA ISOLATOR, TYP.
24 GA. G.S. FLAT SEAM PLAT FORM COVER OVER ROOF MEMBRANE
24 GA. CONT. CLEAT
3 1/2"
PROVIDE CRICKET & CANT SIM. TO A3/T-601
2x6 @ 16" o.c. W/ SIMPSON U HANGER
℄ OF 6x8 & LAG SCREWS
A35
SHAPED 2x6

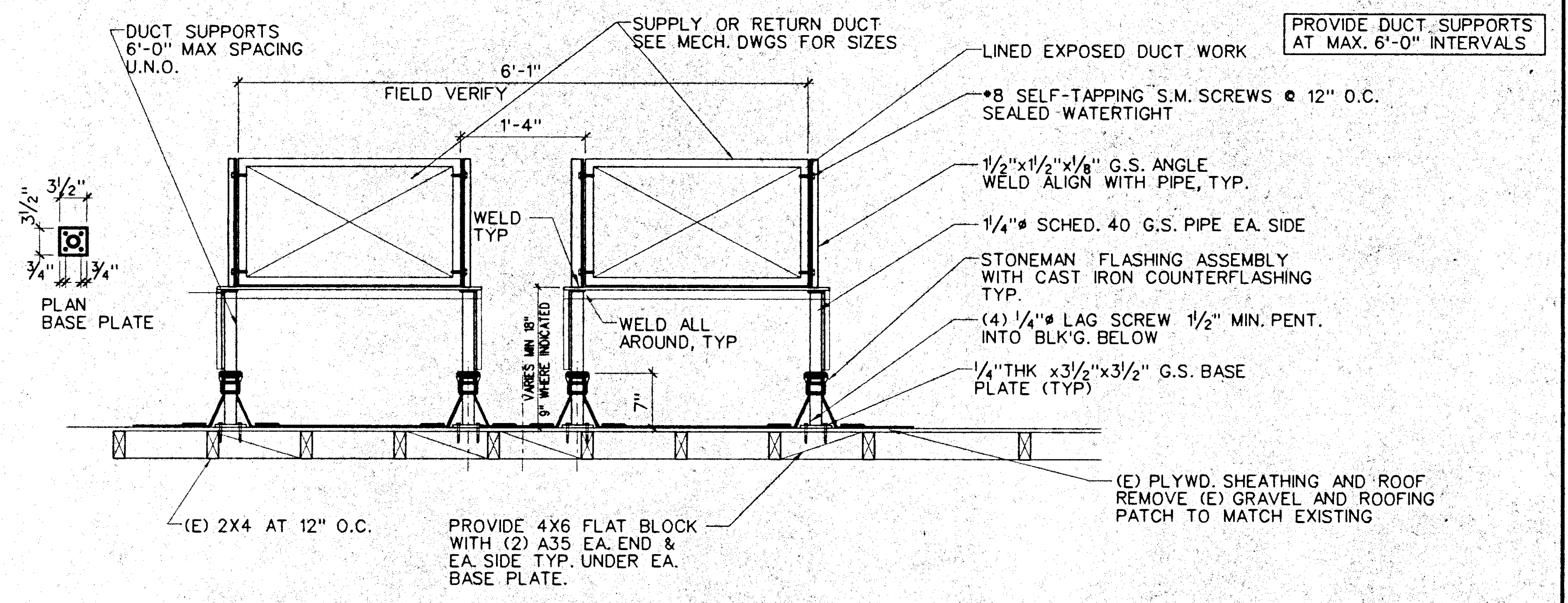
A5 ~~CURB DET. @ CRICKET~~
3"-1'-0"
MMDET118.dgn


2-2x6 TOP PLATES
3/4" PLYWD W/ 10d @ 6" o.c. ALL MEMBERS, EDGES & SUPPORTS (LEVEL SURFACE)
LEVEL CURB
1/2" PLYWD W/ 10d @ 6" O.C. ALL EDGES & SUPPORTS
PROVIDE 1x4 OVER PLYWD. @ PLAT FORM TO CREATE SLOPE TO SIDES
3 1/2"
12" MIN
2x6 @ 16" o.c.
16d @ 6"
CUT (E) ROOFING INSTALL LEVEL CURB, CANT STRIP, PATCH (E) ROOFING.
2x6 @ 16" o.c.
2x6
REMOVE (E) ROOFING
2 SIMP. A35 @ EA. SIDE OF PLAT FORM (8 TOTAL)
(E) ROOF MEMBER
(E) BLK'G TYP. FIELD VERIFY EXACT LOCATION, PROVIDE (N) IF REQ'D.
2x4 FLAT BLOCK @ A35
(E) BM. @ 8'-0" o.c.

B1 BLDG. 500 - PLATFORM SECTION
1 1/2"=1'-0"

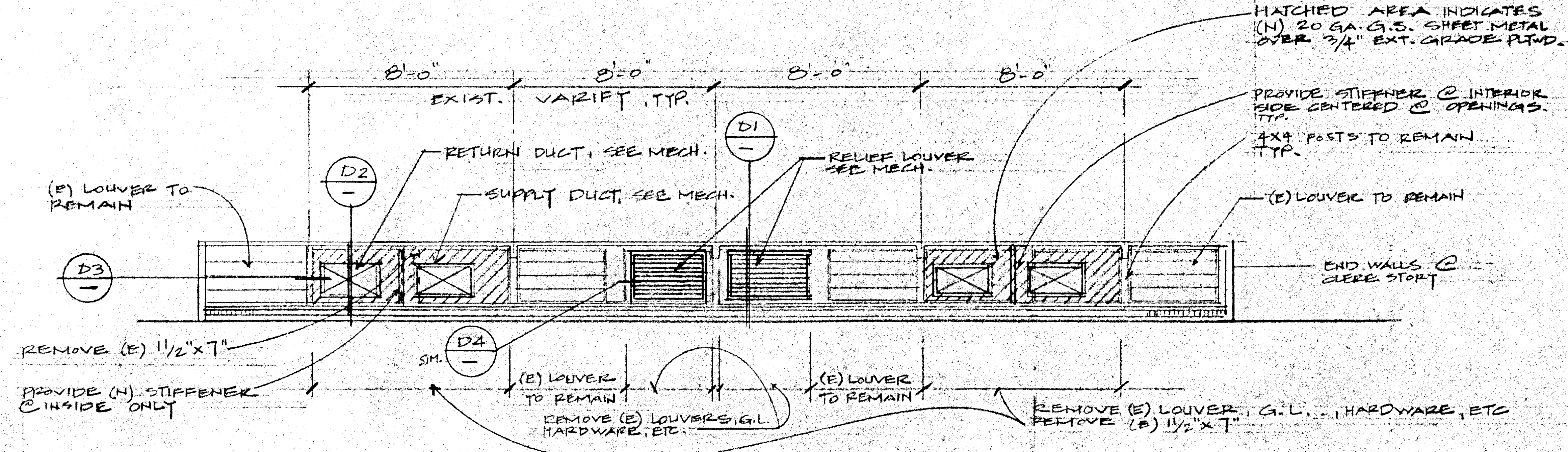

(E) ROOF BEAM BELOW TYP. @ 8'-0" OC
(N) 6x6 POST @ EA CORNER W/ 2-A34 TO SILL PL
A2
6x8
(N) AC UNIT
2x6 @ 16" OC
SLOPE
SLOPE
B1.
6x8
℄ OF HVAC UNIT
EQ.
EQ.

B3 BLDG. 500 PLATFORM FRAMING
NO SCALE

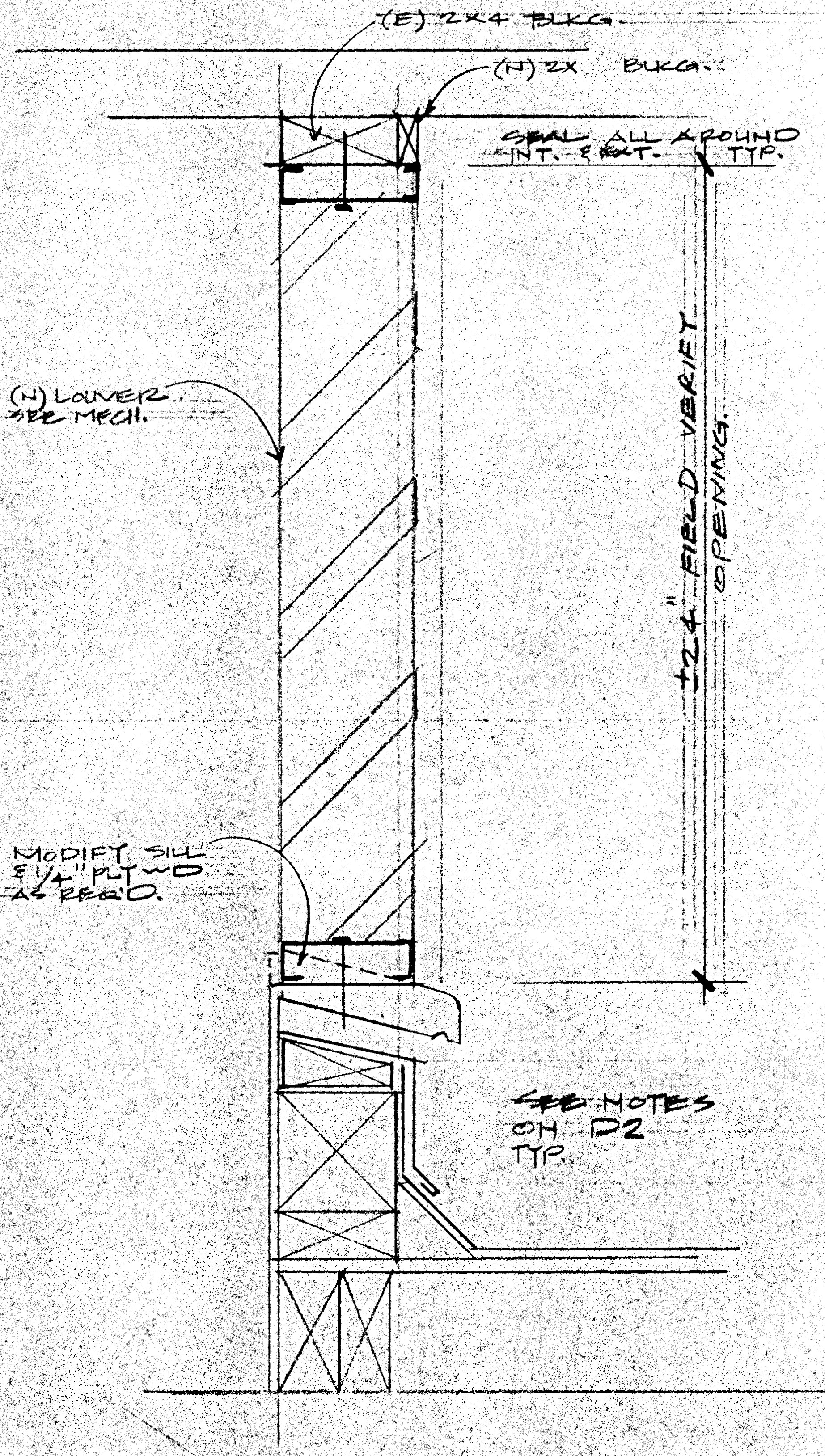

DUCT SUPPORTS 6'-0" MAX SPACING U.N.O.
SUPPLY OR RETURN DUCT SEE MECH. DWGS FOR SIZES
LINED EXPOSED DUCT WORK
6'-1"
FIELD VERIFY
1'-4"
#8 SELF-TAPPING S.M. SCREWS @ 12" O.C. SEALED WATERTIGHT
1 1/2"x1 1/2"x1/8" G.S. ANGLE WELD ALIGN WITH PIPE, TYP.
3 1/2"
3 1/2"
3/4"
3/4"
PLAN BASE PLATE
WELD TYP
1 1/4"ϕ SCHED. 40 G.S. PIPE EA. SIDE
STONEMAN FLASHING ASSEMBLY WITH CAST IRON COUNTERFLASHING TYP.
VARIES MIN 18" 9" WHERE INDICATED
WELD ALL AROUND, TYP
7"
(4) 1/4"ϕ LAG SCREW 1 1/2" MIN. PENT. INTO BLK'G. BELOW
1/4"THK x3 1/2"x3 1/2" G.S. BASE PLATE (TYP)
(E) PLYWD. SHEATHING AND ROOF REMOVE (E) GRAVEL AND ROOFING PATCH TO MATCH EXISTING
(E) 2X4 AT 12" O.C.
PROVIDE 4X6 FLAT BLOCK WITH (2) A35 EA. END & EA. SIDE TYP. UNDER EA. BASE PLATE.

PROVIDE DUCT SUPPORTS AT MAX. 6'-0" INTERVALS

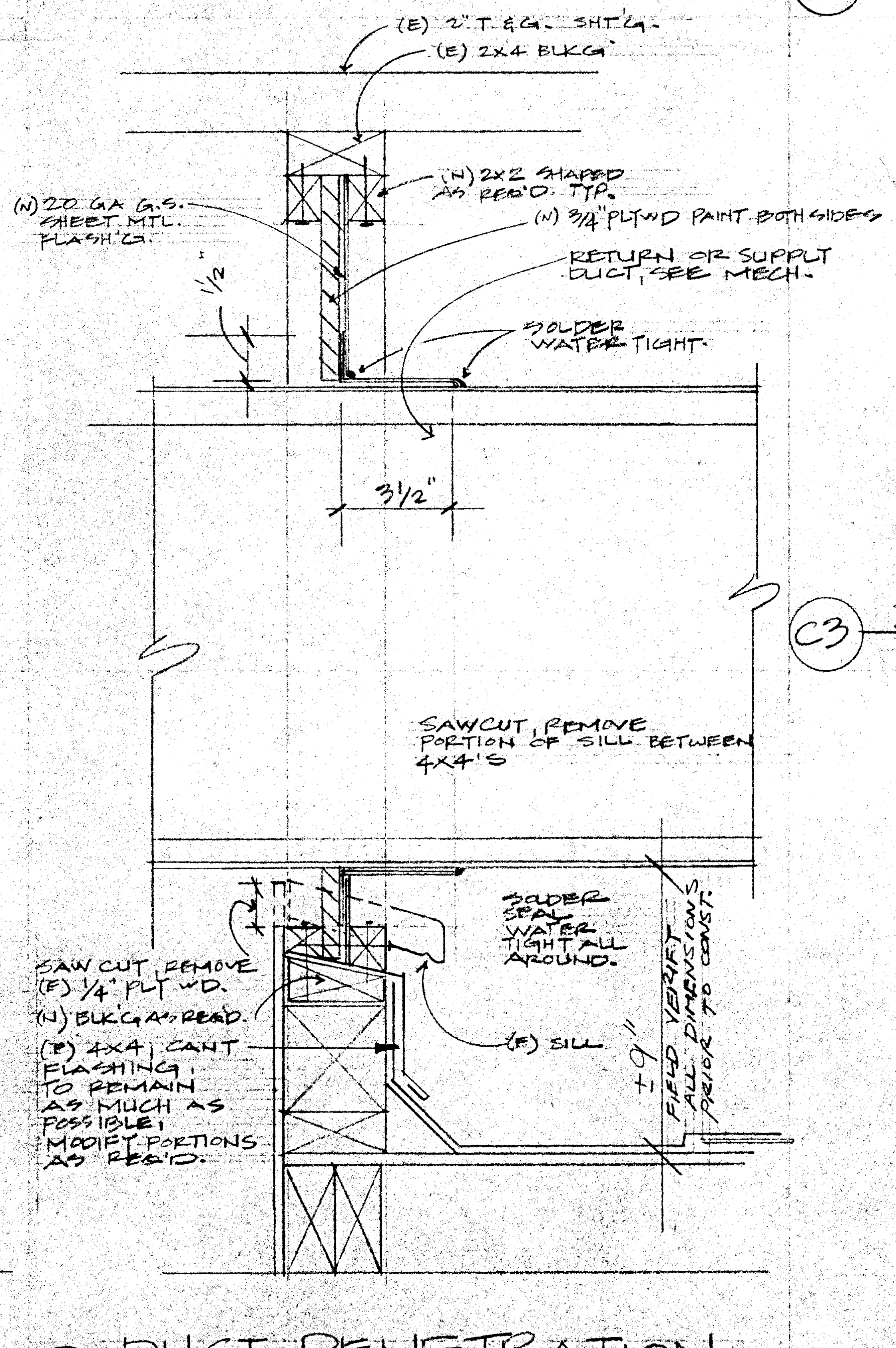
B4 DUCT SUPPORT ON EXISTING ROOF
3/4"-1'-0"
mmdet122.dgn



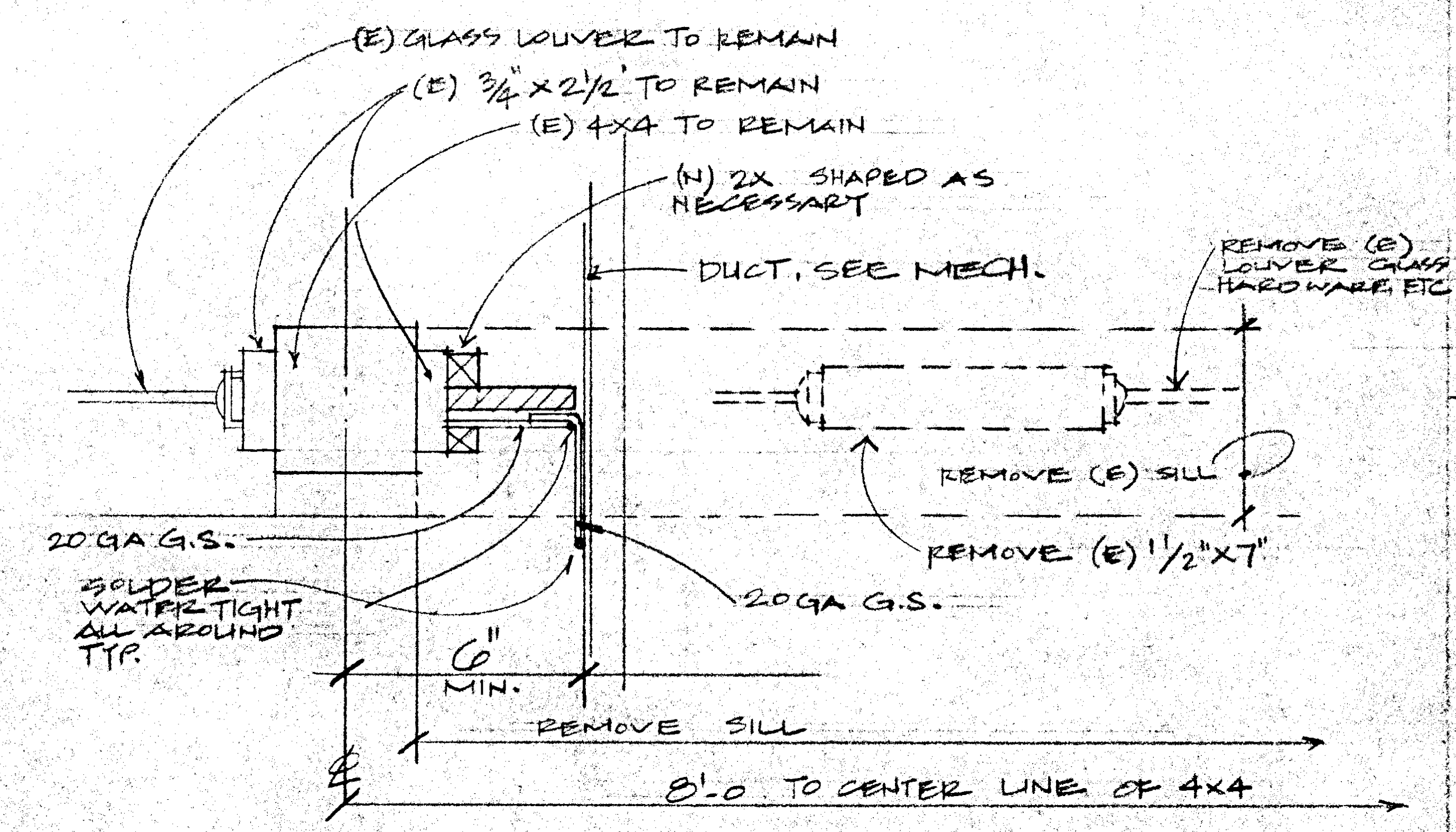
C3 DUCT PENETRATION THRU CLERESTORY
1/4"=1'-0"


(E) 2x4 BLKG.
(N) 2X BLKG.
~~SEAL~~ ALL AROUND INT. & EXT. TYP.
(N) LOUVER SEE MECH.
±24" FIELD VERIFY OPENING.
MODIFY SILL & 1/4" PLYWD AS REQ'D.
~~SEE~~ NOTES ON D2 TYP.

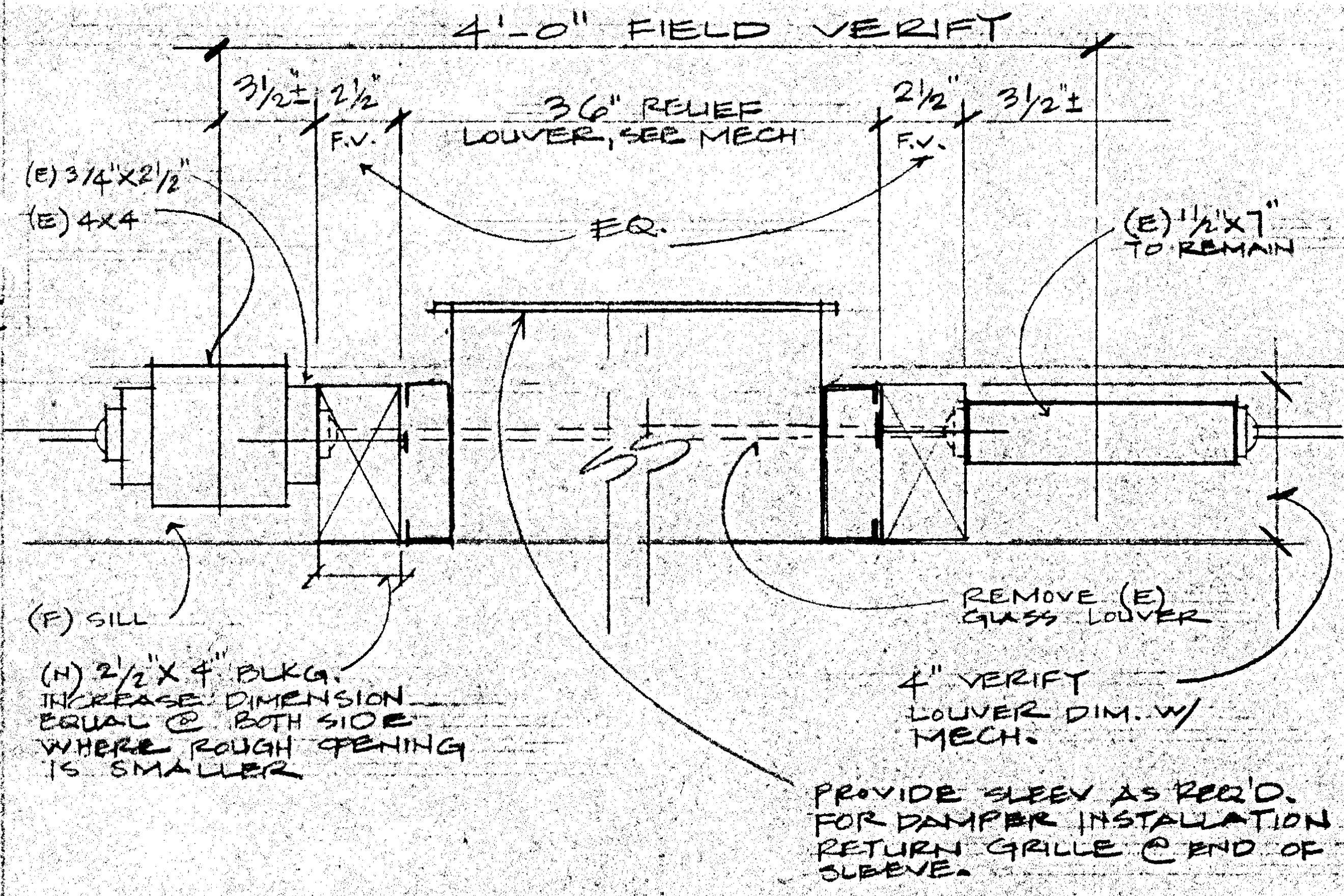
D1 RELIEF LOUVER
3"=1'-0"
SECTION


(E) 2" T & G. SHT'G.
(E) 2x4 BLKG.
(N) 2x2 SHAPED AS REQ'D. TYP.
(N) 20 GA G.S. SHEET MTL. FLASH'G.
(N) 3/4" PLYWD PAINT BOTH SIDES
RETURN OR SUPPLY DUCT, SEE MECH.
1/2"
SOLDER WATER TIGHT.
3 1/2"
SAWCUT, REMOVE PORTION OF SILL BETWEEN 4x4'S
SOLDER SEAL WATER TIGHT ALL AROUND.
SAW CUT, REMOVE (E) 1/4" PLYWD.
(N) BLK'G AS REQ'D.
(E) 4x4, CANT FLASHING, TO REMAIN AS MUCH AS POSSIBLE; MODIFY PORTIONS AS REQ'D.
(E) SILL
±9"
FIELD VERIFY ALL DIMENSIONS PRIOR TO CONST.

D2 DUCT PENETRATION
3"=1'-0"
SECTION


(E) GLASS LOUVER TO REMAIN
(E) 3/4" x 2 1/2" TO REMAIN
(E) 4x4 TO REMAIN
(N) 2X SHAPED AS NECESSARY
DUCT, SEE MECH.
REMOVE (E) LOUVER GLASS HARDWARE ETC
REMOVE (E) SILL
20 GA G.S.
SOLDER WATER TIGHT ALL AROUND TYP.
REMOVE (E) 1 1/2"x7"
20 GA G.S.
6" MIN.
REMOVE SILL
℄
8'-0 TO CENTER LINE OF 4x4

D3 DUCT THRU CLERE STORY JAMB
3"=1'-0"


4'-0" FIELD VERIFY
3 1/2"±
2 1/2" F.V.
36" RELIEF LOUVER, SEE MECH
2 1/2" F.V.
3 1/2"±
(E) 3/4"x2 1/2"
(E) 4x4
EQ.
(E) 1 1/2"x7" TO REMAIN
(E) SILL
REMOVE (E) GLASS LOUVER
(N) 2 1/2"x4" BLKG. INCREASE DIMENSION EQUAL @ BOTH SIDE WHERE ROUGH OPENING IS SMALLER
4" VERIFY LOUVER DIM. W/ MECH.
PROVIDE SLEEV AS REQ'D. FOR DAMPER INSTALLATION RETURN GRILLE @ END OF SLEEVE.

D4 RELIEF LOUVER THRU
3"=1'-0"

BLDG. 500 - HVAC DETAILS

CARMICHAEL-KEMP
ARCHITECTS AIA
2370 LOS FELIZ PLACE LOS ANGELES 90039 (323) 666-1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC
FLS
SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	A-14
BINDING ORDER	34 of 82

o:\grosmont\9822-1\a-14.sht Dec. 13, 1999 17:45:30

ROOM FINISH SCHEDULE

RM. #	ROOM NAME	FLOOR							BASE				WALLS										WAINSCOT				CEILING								CLG. HT.		REMARKS
													MATERIAL						FINISH								MAT.						FIN.				
	○SEE NOTES BELOW	CARPET	VINYL COMPOSITION TILE	SEALED CONCRETE	CERAMIC TILE	(E) CONCRETE (W/(N) PATCH)	(E) CERAMIC TILE	TERRAZZO (EXISTING)	4" RESILIENT	CERAMIC TILE	(E) CONCRETE BASE	(E) TERRAZZO	(E) INT. PLASTER	(E) GYPSUM WALLBOARD	INT. PLASTER	5/8" TYPE 'X' GYPSUM WALLBOARD	② (N) EXT. PLASTER TO MATCH (E)	W.R. 5/8" TYPE 'X' GYPSUM WALLBOARD	⑤ PAINT	⑤ VINYL COVERED PINBOARD PANELS	ACOUSTIC WALL FABRIC	CERAMIC TILE (THIN SET)	1/2" PLYWOOD	CERAMIC TILE (THIN SET)	(E) TERRAZZO	(E) CERAMIC TILE	(E) PLASTER	(N) PLASTER	1x1 ACOUC. TILE O/ GYP. BRD.	INTEGRATED	HAT-CHANNEL @ 16" O.C. 5/8" FIRE CODE C TYPE "X" GYP.BRD. PER A2/T-601	T-BAR CLG.	PAINT	FACTORY FINISH	FIELD VERIFY (E) CLG. HTS.	"◆" DENOTES 1-HR FIRE RESISTIVE CONSTRUCTION	ALL MATERIALS & FINISHES ARE NEW UNLESS NOTED OTHERWISE ALL FINISHES SHALL COMPLY W/ C.B.C, C.F.C. & TITLE 19 C.C.R. SEE INT. ELEVS. & PLANS & DETAILS FOR EXTENT & LOCATION OF MATERIALS SEE SPEC. SECT. 09900 FOR SCHEDULE OF SURFACES TO BE PAINTED. IN GENERAL, ALL SURFACES ARE TO BE PAINTED U.N.O.
101	CHEMISTRY / PHYSICS		●						●							●			●	●									●		●			●	VARIES	◆	
102	OFFICE		●						●							●			●												●	●		●	9'-0"	◆	
103	OFFICE		●						●							●			●												●	●		●	9'-0"	◆	
104	CHEMISTRY		●						●							●			●	●									●		●			●	VARIES	◆	
105	WOMEN				●					●						●			●					●							●	●		●	9'-0"	◆	
106	SCIENCE #4		●						●							●			●	●									●		●			●	VARIES	◆	
107	OFFICE		●						●							●			●												●	●		●	9'-0'	◆	
108	SCIENCE #3		●						●							●			●	●									●		●			●	VARIES	◆	
109	OFFICE		●						●							●			●												●	●		●	9'-0'	◆	
110	OFFICE		●						●							●			●												●	●		●	9'-0'	◆	
111	SCIENCE #2		●						●							●			●	●									●		●			●	VARIES	◆	*CERAMIC TILE @ SHOWER/EYE WASH
112	PREPARATION ROOM / STORAGE		●		●				●	●						●			●	●		●									●	●		●	9'-0"	◆	
113	OFFICE		●						●							●			●												●	●		●	9'-0"	◆	
114	SCIENCE #1		●						●							●			●	●									●		●			●	VARIES	◆	
115	NOT USED																																			◆	
116	ELECTRICAL ROOM			●					●							●			●												●		●		VARIES	◆	
117	STORAGE			●					●							●			●												●		●		VARIES	◆	
118	COVERED WALK					●					●						●		②									●					②		VARIES	◆	NOTE: PAINT ALL (E) LOCKERS
119	(E) BOYS TOILET RM BLDG. 300							●				●	●						④						●	●	●						②		VARIES		
120	(E) GIRLS TOILET RM BLDG. 300							●				●	●						④						●	●	●						②		VARIES		
121	MENS TOILET RM BLDG. 400							①				①	●						②					③	①		●						②		VARIES ±12'0"		

① CLEAN & POLISH (E) TERRAZZO

② PAINT (N) & (E) SURFACES

③ THIN SET (N) CERAMIC TILE ON (E) TERRAZZO
PATCH & PREP (E) TERRAZZO AS REQ'D FOR (N) TILE

④ PAINT (N) WORK TO MATCH EXISTING

⑤ SEE ALT. BID SECT 01030 FOR PINBOARD/PAINT @ CERTAIN ROOMS

Room Finish Schedule

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS KI SS [illegible]
DATE DEC. 1/4 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	T-101
BINDING ORDER	35 OF 82

DOOR SCHEDULE

DOOR NOTES:

1. FOR OVERALL FRAME SIZES CONTRACTOR TO INCLUDE DOOR AND FIXED TRANSOM PANELS ABOVE, WHERE OCCURS. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO DOOR FABRICATION.
2. PROVIDE 24" WIDE X 12" HIGH LOUVER @ BOTTOM OF THIS DOOR.
3. PROVIDE ¾" DIA. HOLE @ +6'-0" A.F.F. ALIGN CENTER LINE OF THE HOLE WITH THE CENTER LINE OF THE DOOR.
4. SEE A4/T-801 AND SPEC. SECTION 10400 FOR ROOM NAME, AND SIGNS - TYP. AT ALL DOORS.

DOOR SCHEDULE SYMBOLS:

S.C. - SOLID CORE
H.M. - HOLLOW METAL
WD. - WOOD
STL. - STEEL
ALUM. - ALUMINUM
SST. - STAINLESS STEEL
NPR. - NON REMOVABLE PIN

BUILDING UNIT	DOOR MARK	DOOR SIZE	DOOR THKNESS	DOOR TYPE	DOOR MATERIAL	FRAME MATERIAL	FRAME DETAILS: HINGE JAMB	STRIKE JAMB	HEAD	TRANSOM BAR	SILL	LABEL (MINUTES)	PANIC HDWR.	OVERALL FRAME SIZE ①	REMARKS
	101	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	102	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	103	3'-0" X 7'-0"	1¾"	B	SC	HM	A4/T-201	A4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	104	3'-0" X 7'-0"	1¾"	C	SC	HM	A4/T-201	B4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	105	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	—	3'-4" X 8'-7 "	③
	106	3'-0" X 7'-0"	1¾"	C	SC	HM	A4/T-201	B4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	107	3'-0" X 7'-0"	1¾"	B	SC	HM	A4/T-201	A4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	108	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	109	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	110	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	D4/T-201	—	—	3'-4" X 8'-7 "	② SEE A5, D2, C4/T-801 FOR SIGNS
	111	NOT USED													
	112	3'-0" X 7'-0"	1¾"	D	HM	HM	C3/A-12	A3/T-602	C2/A-12	—	D4/A-12	60	●	3'-4" X 7'-3½"	③
	113	3'-0" X 7'-0"	1¾"	B	SC	HM	A5/T-201	A5/T-201	A5/T-201	—	—	60	—	3'-4" X 7'-2"	
	114	3'-0" X 7'-0"	1¾"	C	SC	HM	A5/T-201	B5/T-201	A5/T-201	—	—	60	—	3'-4" X 7'-2"	
	115	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	116	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	117	3'-0" X 7'-0"	1¾"	B	SC	HM	A4/T-201	A4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	118	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	119	3'-0" X 7'-0"	1¾"	C	SC	HM	A4/T-201	B4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	120	3'-0" X 7'-0"	1¾"	C	SC	HM	A4/T-201	B4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	121	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	122	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	123	3'-0" X 7'-0"	1¾"	B	SC	HM	A4/T-201	A4/T-201	A4/T-201	—	—	60	—	3'-4" X 7'-2"	
	124	3'-0" X 7'-0"	1¾"	C	SC	HM	A5/T-201	B5/T-201	A5/T-201	—	—	60	—	3'-4" X 7'-2"	
	125	3'-0" X 7'-0"	1¾"	B	SC	HM	A5/T-201	A5/T-201	A5/T-201	—	—	60	—	3'-4" X 7'-2"	
	126	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	127	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	D2/T-201	C5/T-201	—	●	3'-4" X 8'-7 "	③
	128	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	D5/T-201	—	—	3'-4" X 8'-7 "	②
	129	3'-0" X 7'-0"	1¾"	A	HM	HM	C3/T-201	C3/T-201	A3/T-201	B3/T-201	D5/T-201	—	—	3'-4" X 8'-7 "	②
	130	3'-0" X 7'-0"	1¾"	E	HM	HM	12/A-11	8/A-11	15/A-11	16/A-11	20/A-11	—	—	3'-4" X F.V.	@ EXIST. BLDG. SEE A5, D3, C3/T-801 FOR SIGNS
	131	3'-0" X 7'-0"	1¾"	E	HM	HM	12/A-11	8/A-11	15/A-11	16/A-11	20/A-11	—	—	3'-4" X F.V.	@ EXIST. BLDG. SEE A5, D4, C4/T-801 FOR SIGNS
	132	3'-0" X 7'-0"	1¾"	E	HM	HM	11/A-11	11/A-11	15/A-11	16/A-11	19/A-11	—	—	3'-4" X F.V.	@ EXIST. BLDG. SEE A5, C3, D1/T-801 FOR SIGNS

HARDWARE TYPES

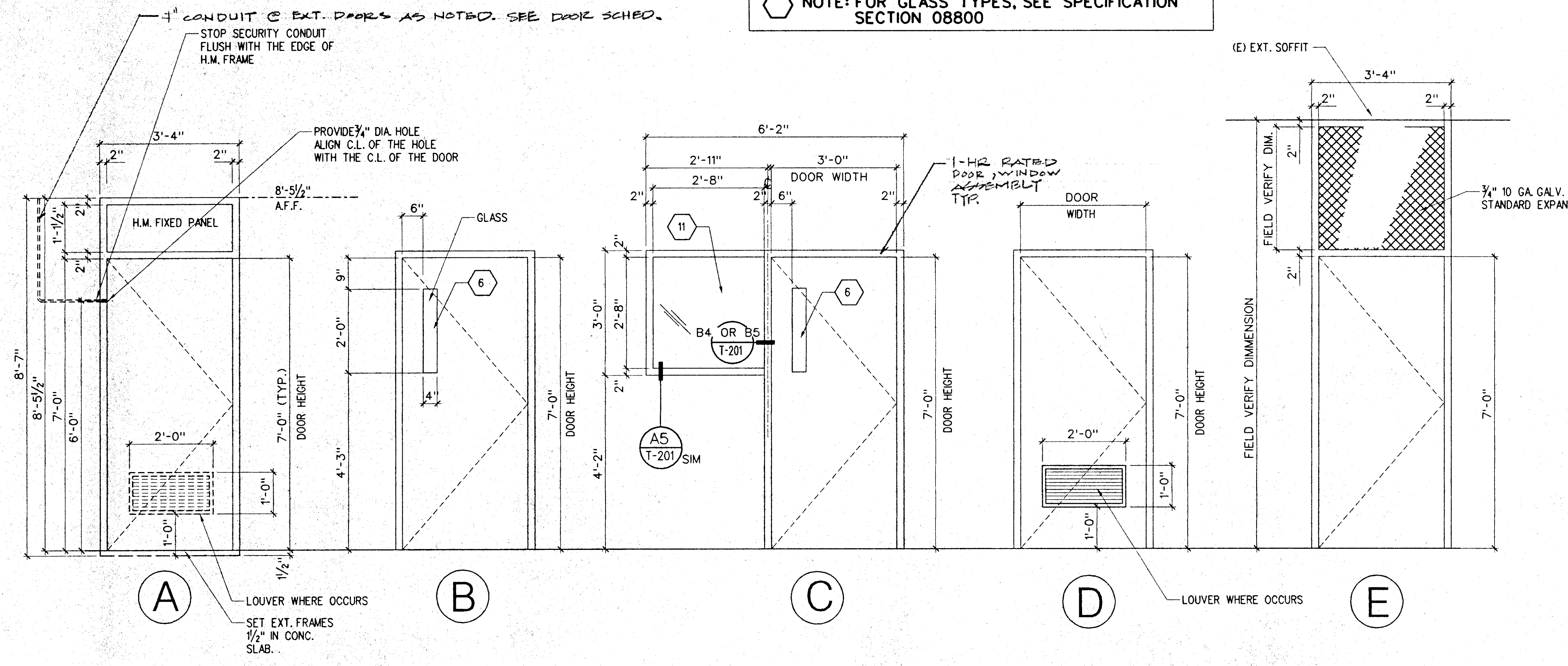
BUILDING UNIT	DOOR MARK	HINGES					LOCKSETS					CYL.	PANIC HDWR	CLOSERS					MISCELLANEOUS										SEALS	REMARKS
		FBBK168 5"X4½" NRP (STN) NRP	FBB179 4½"X4½" (STN)	FBB179 41/2"X4" (STN)	FBBK179 4½"X41/2" (STN) NRP	HEAVY DUTY HINGES PER B4 & B5/T-603	10G37LL (SGT) 626	8204LNL (SGT) 626	8237LNL (SGT) 626	8250LNL (SGT) 626	H7804-7800 (ACC) 630	CYLINDER RIM / MORTISE 626	CD98NL-990NL VON DUPRIN 626	DC2210-A3 (COR) 689	DC2210 (COR) 689	DC2200A1 (COR) 689	DC2210DA (COR) 689	DC2210-A4DA & TRANSOM BRACKET 689	LOCK ASTRAGAL OVDG14 HPC 630	KICKPLATE - K0050 10"X2" LDW (TRM) 630	PUSH PLATE - 1001-11 (TRM) CFTT 630	PULL PLATE - 1017-3 (TRM) CFC 630	DOOR STOP - 1210 ES (TRM) 626	DOOR STOP - W1276 CCS (TRM) 630	DOOR BOTTOM - 315 CN (PEM) 628	DOOR STOP - 1260 W (TRM) 626	FLOOR STOP - F42X GLYNN-JOHNSON 626	THRESHOLD - R75FMRAK (PEM)	S88D (PEM)	
	101	●										●	●	●						●					●	●			●	
	102	●										●	●	●						●					●	●			●	
	103		●				●								●					●			●						●	
	104			●			●									●				●				●	●				●	
	105				●				●						●				●	●					●				●	
	106			●			●									●				●				●					●	
	107		●				●								●					●			●						●	
	108	●										●	●	●						●					●	●			●	
	109	●										●	●	●						●					●	●			●	
	110				●					●							●		●						●		●		●	
	111	NOT USED																												
	112				●				●				●		●				●	●					●		●		●	
	113		●				●								●					●			●						●	
	114			●			●									●				●				●					●	
	115	●										●	●	●						●					●	●			●	
	116	●										●	●	●						●					●	●			●	
	117		●				●								●					●			●						●	
	118	●										●	●	●						●					●	●			●	
	119			●			●									●				●				●					●	
	120			●			●									●				●				●					●	
	121	●										●	●	●						●					●	●			●	
	122	●										●	●	●						●					●	●			●	
	123		●				●								●					●			●						●	
	124			●			●									●				●				●					●	
	125		●				●								●					●			●						●	
	126	●										●	●	●						●					●	●			●	
	127	●										●	●	●						●					●	●			●	
	128				●			●											●						●	●			●	
	129				●			●											●						●	●			●	
	130	●									●	●						●	●	●	●	●			●				●	
	131	●									●	●						●	●	●	●	●			●				●	
	132				●					●								●	●	●					●			●	●	
	ROOF GATE					●																								AT EQUIP. SCREEN @ ROOF

DOOR SCHEDULE SYMBOLS:

1. SEE SPECIFICATION SECTION 08710
2. DOOR CLOSER IN TOILET AREAS TO HAVE DELAYED ACTION FEATURE.

MH = MAGNETIC HOLDER (1 EACH LEAF)
SD = SMOKE DETECTOR (2 EACH)
PS = POWER SUPPLY
WIRING BY OTHERS

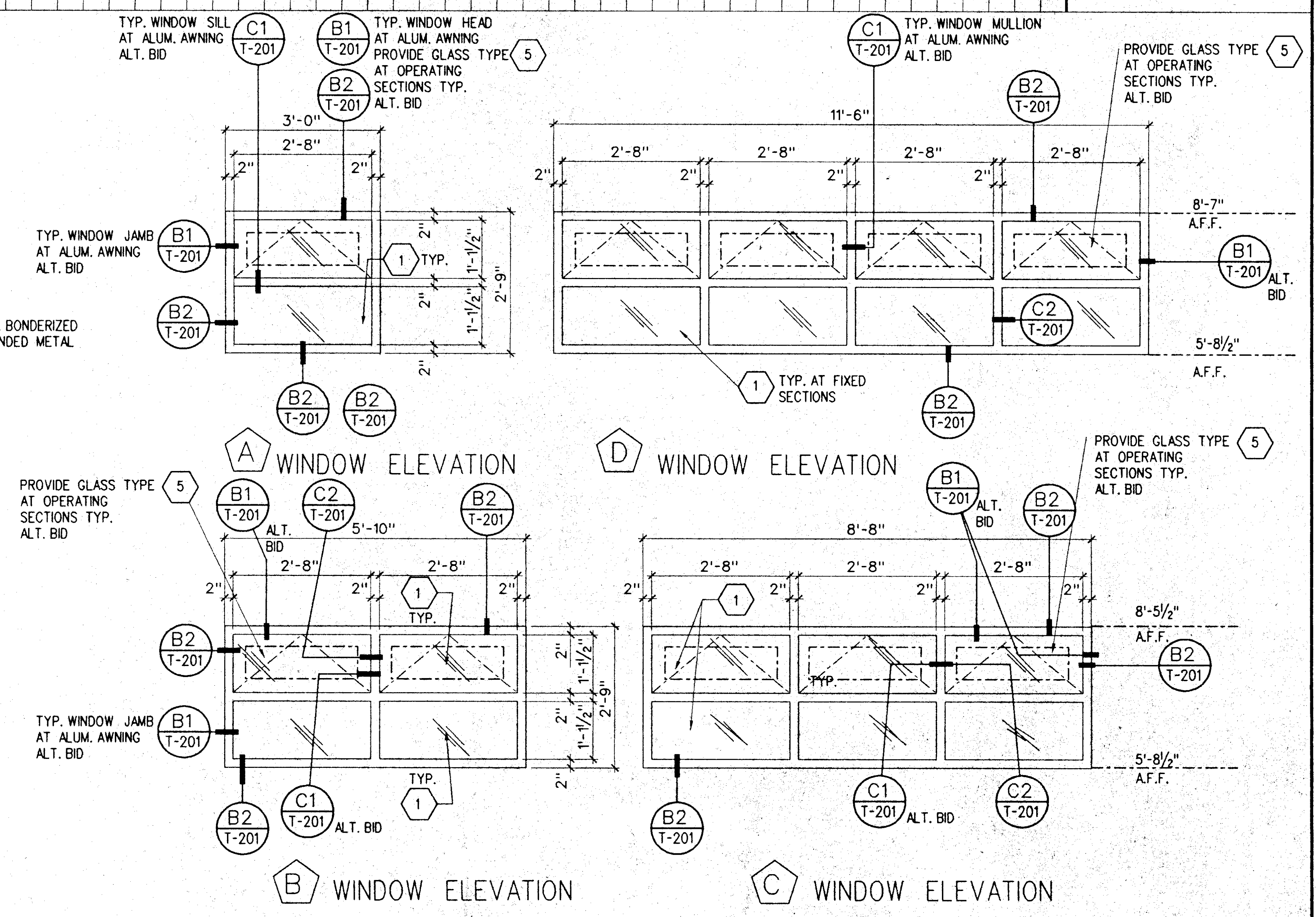
NOTE: FOR GLASS TYPES, SEE SPECIFICATION SECTION 08800



¾" CONDUIT @ EXT. DOORS AS NOTED. SEE DOOR SCHED.
STOP SECURITY CONDUIT FLUSH WITH THE EDGE OF H.M. FRAME
PROVIDE ¾" DIA. HOLE ALIGN C.L. OF THE HOLE WITH THE C.L. OF THE DOOR
3'-4"
2"
8'-5½" A.F.F.
H.M. FIXED PANEL
1'-1½"
8'-7"
8'-5½"
7'-0"
6'-0"
7'-0" (TYP.)
DOOR HEIGHT
2'-0"
1'-0"
1½"
A
LOUVER WHERE OCCURS
SET EXT. FRAMES 1½" IN CONC. SLAB.
6"
GLASS
6
9"
2'-0"
4'-3"
4"
B
6'-2"
2'-11"
2'-8"
3'-0"
DOOR WIDTH
1-HR RATED DOOR, WINDOW ASSEMBLY TYP.
11
B4 OR B5 T-201
A5 T-201 SIM
4'-2"
C
DOOR WIDTH
LOUVER WHERE OCCURS
D
(E) EXT. SOFFIT
FIELD VERIFY DIM.
FIELD VERIFY DIMMENSION
¾" 10 GA. GALV. BONDERIZED STANDARD EXPANDED METAL
E

1 DOOR TYPE

½"-1'-0"



TYP. WINDOW SILL AT ALUM. AWNING ALT. BID
C1 T-201
TYP. WINDOW HEAD AT ALUM. AWNING PROVIDE GLASS TYPE 5 AT OPERATING SECTIONS TYP. ALT. BID
B1 T-201
B2 T-201
TYP. WINDOW JAMB AT ALUM. AWNING ALT. BID
3'-0"
2'-8"
2"
1 TYP.
1'-1½"
2'-9"
A WINDOW ELEVATION
TYP. WINDOW MULLION AT ALUM. AWNING ALT. BID
PROVIDE GLASS TYPE 5 AT OPERATING SECTIONS TYP. ALT. BID
11'-6"
8'-7" A.F.F.
5'-8½" A.F.F.
B1 T-201 ALT. BID
C2 T-201
1 TYP. AT FIXED SECTIONS
D WINDOW ELEVATION
5'-10"
B WINDOW ELEVATION
8'-8"
8'-5½" A.F.F.
C1 T-201 ALT. BID
C WINDOW ELEVATION

2 WINDOW TYPE

½"-1'-0"

DOOR SCHEDULE / WINDOW SCHEDULE

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES CA 90039 323 666 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000

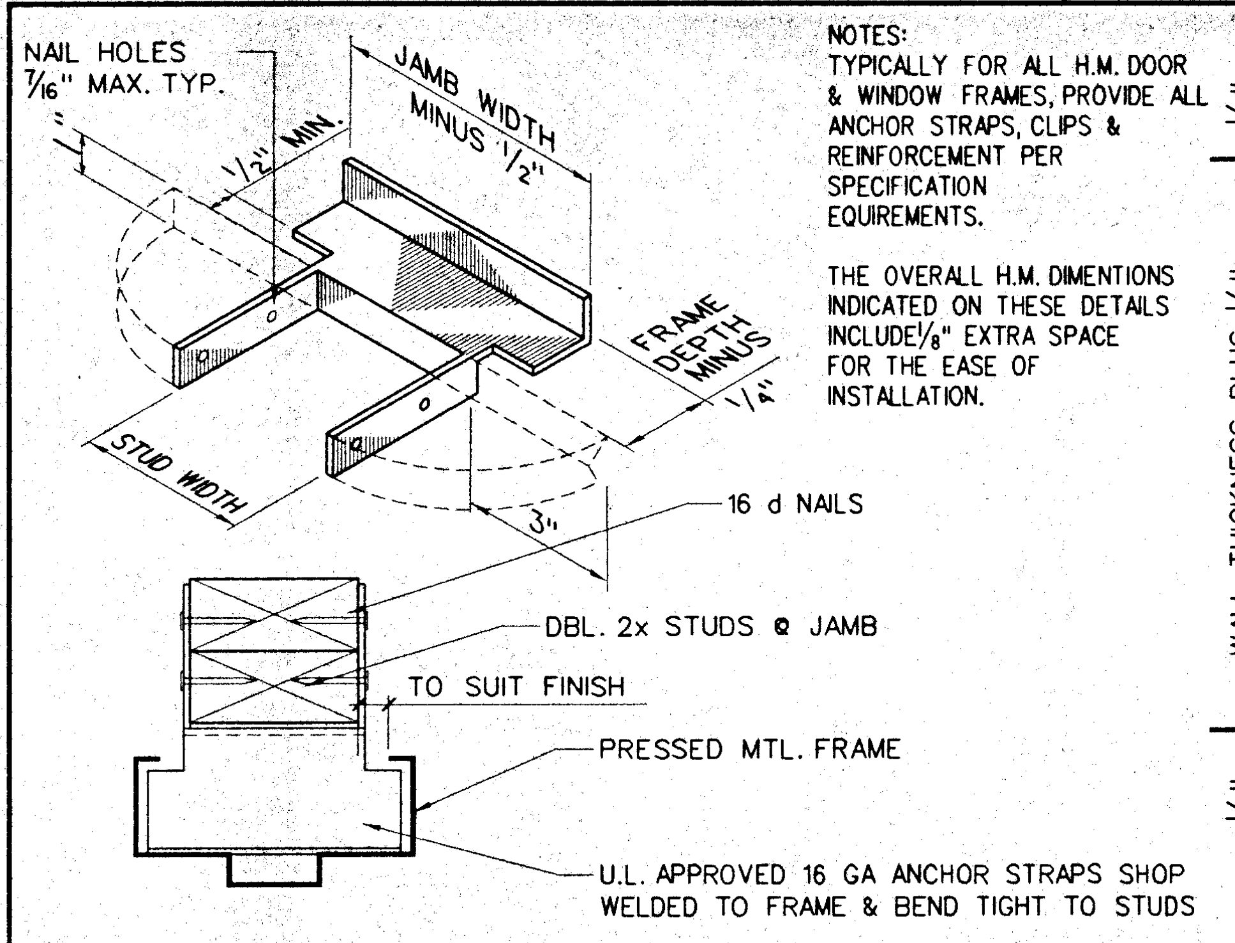
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Ci FLS SS
DATE DEC 1 4 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	T-102
BINDING ORDER	36 OF 82

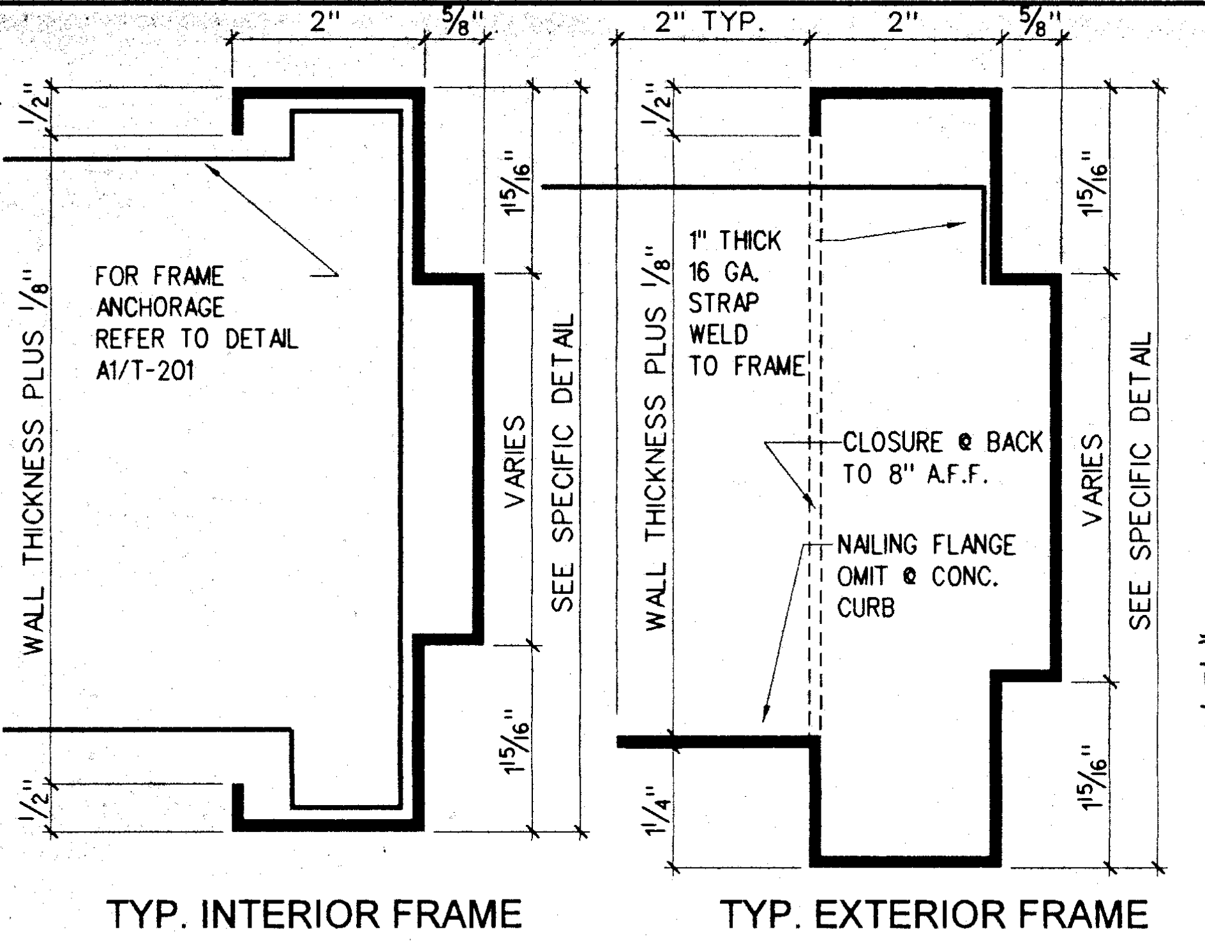
grosmont\9822-1\t-102.sht Dec. 13, 1999 13:44:05



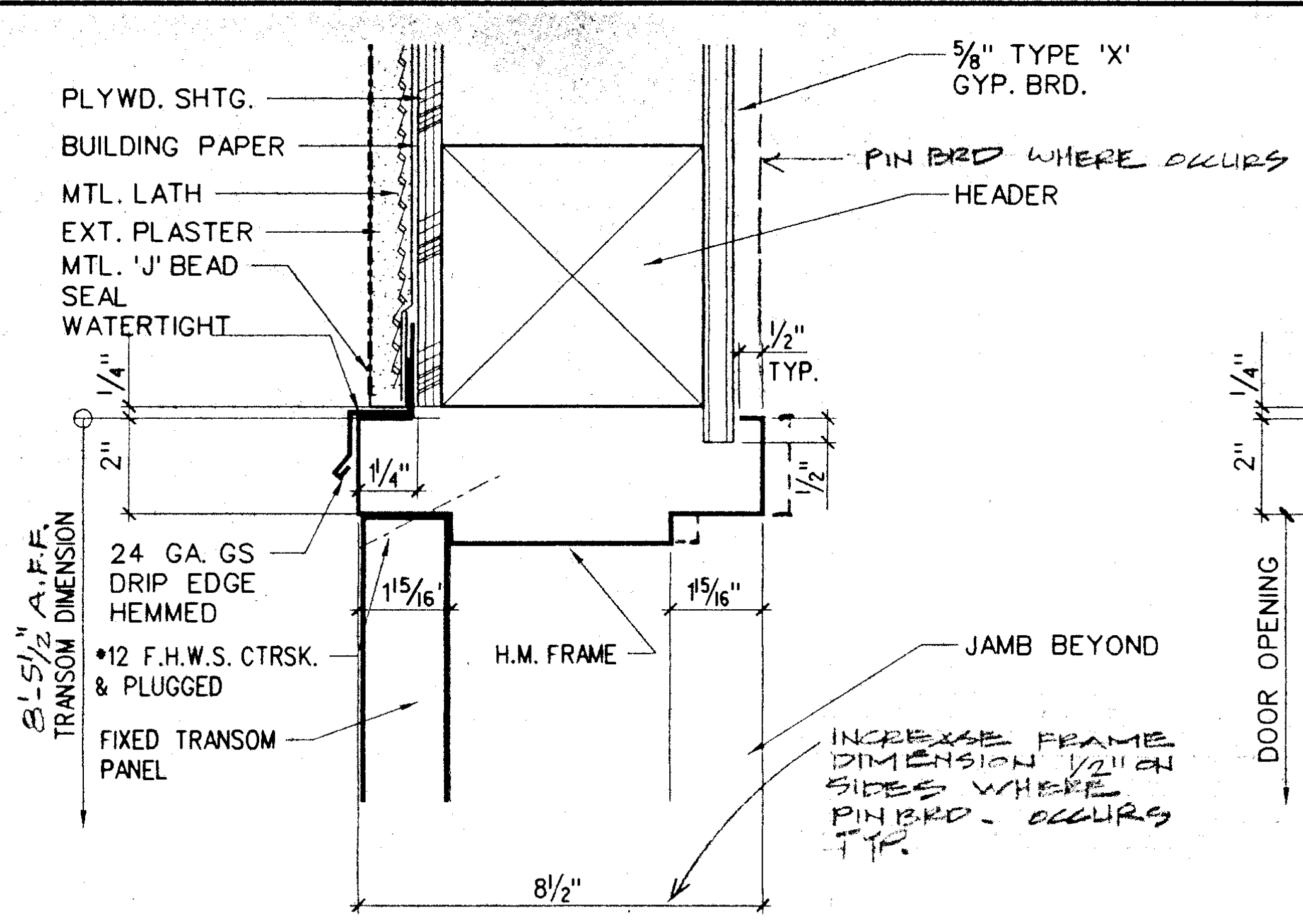
NOTES:
TYPICALLY FOR ALL H.M. DOOR & WINDOW FRAMES, PROVIDE ALL ANCHOR STRAPS, CLIPS & REINFORCEMENT PER SPECIFICATION EQUIREMENTS.

THE OVERALL H.M. DIMENTIONS INDICATED ON THESE DETAILS INCLUDE 1/8" EXTRA SPACE FOR THE EASE OF INSTALLATION.

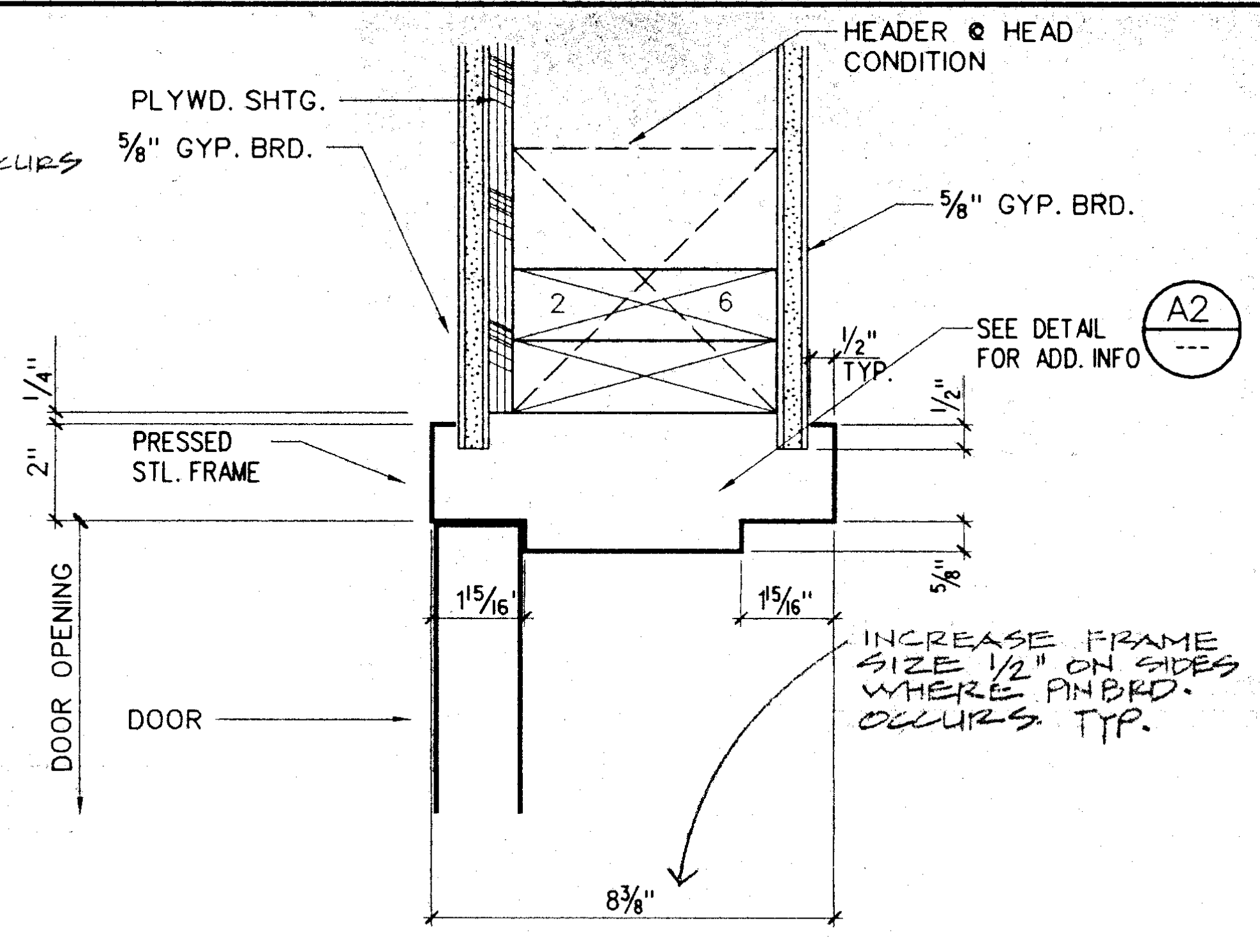
A1 FRAME ANCHOR @ WD. STUDS
3"=1'-0" 081-028 .dgn


2"
5/8"
2" TYP.
1/2"
1 5/16"
FOR FRAME ANCHORAGE REFER TO DETAIL A1/T-201
WALL THICKNESS PLUS 1/8"
VARIES
SEE SPECIFIC DETAIL
1" THICK 16 GA. STRAP WELD TO FRAME
CLOSURE @ BACK TO 8" A.F.F.
NAILING FLANGE OMIT @ CONC. CURB
1/4"
TYP. INTERIOR FRAME
TYP. EXTERIOR FRAME

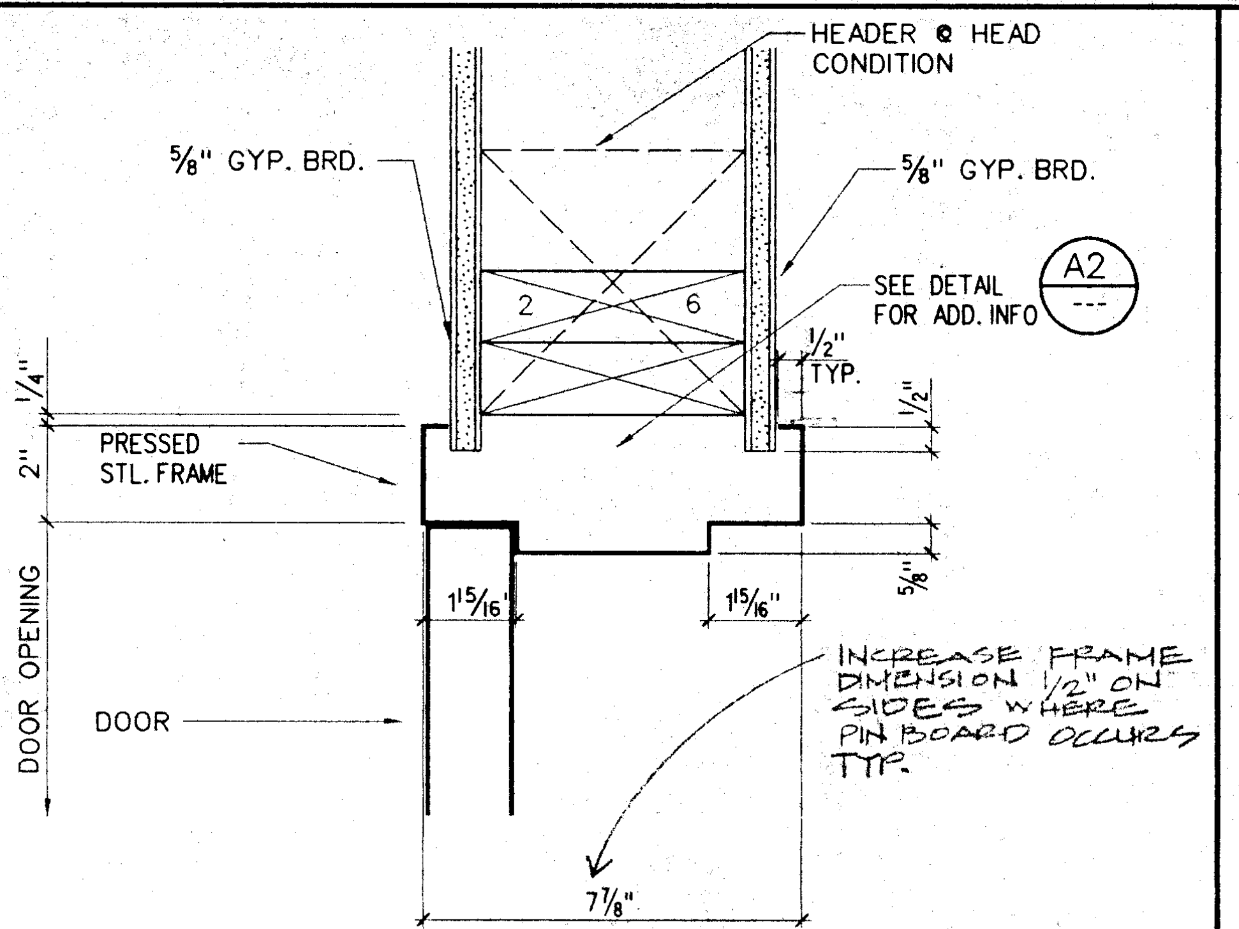
A2 TYPICAL P.S. FRAMES
HALF SIZE 081-028A.dgn



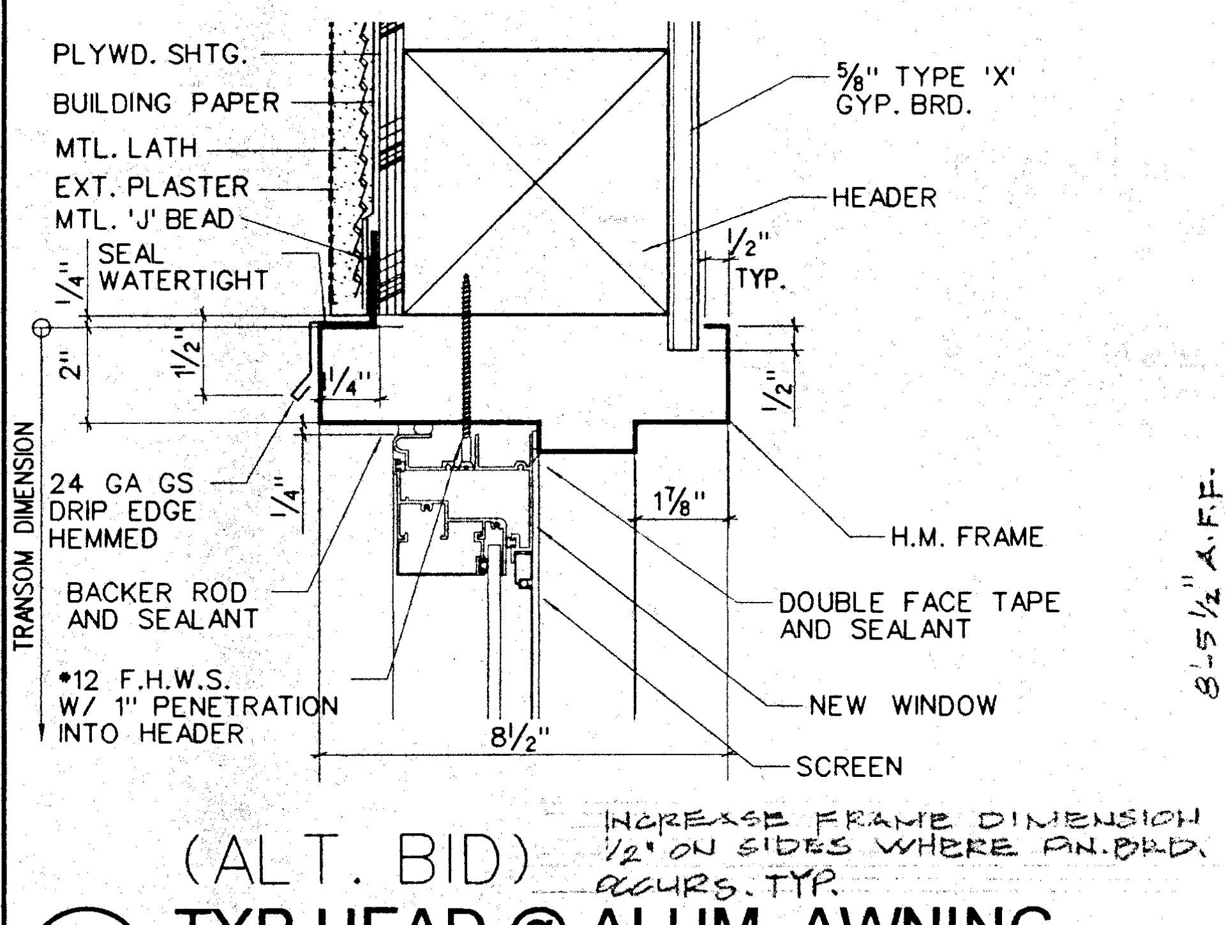
A3 EXT. FRAME DOOR HEAD
3"=1'-0" 081-128A.dgn



A4 INT. JAMB DETAIL - HEAD SIM.
3"=1'-0" 081-11ABC.dgn

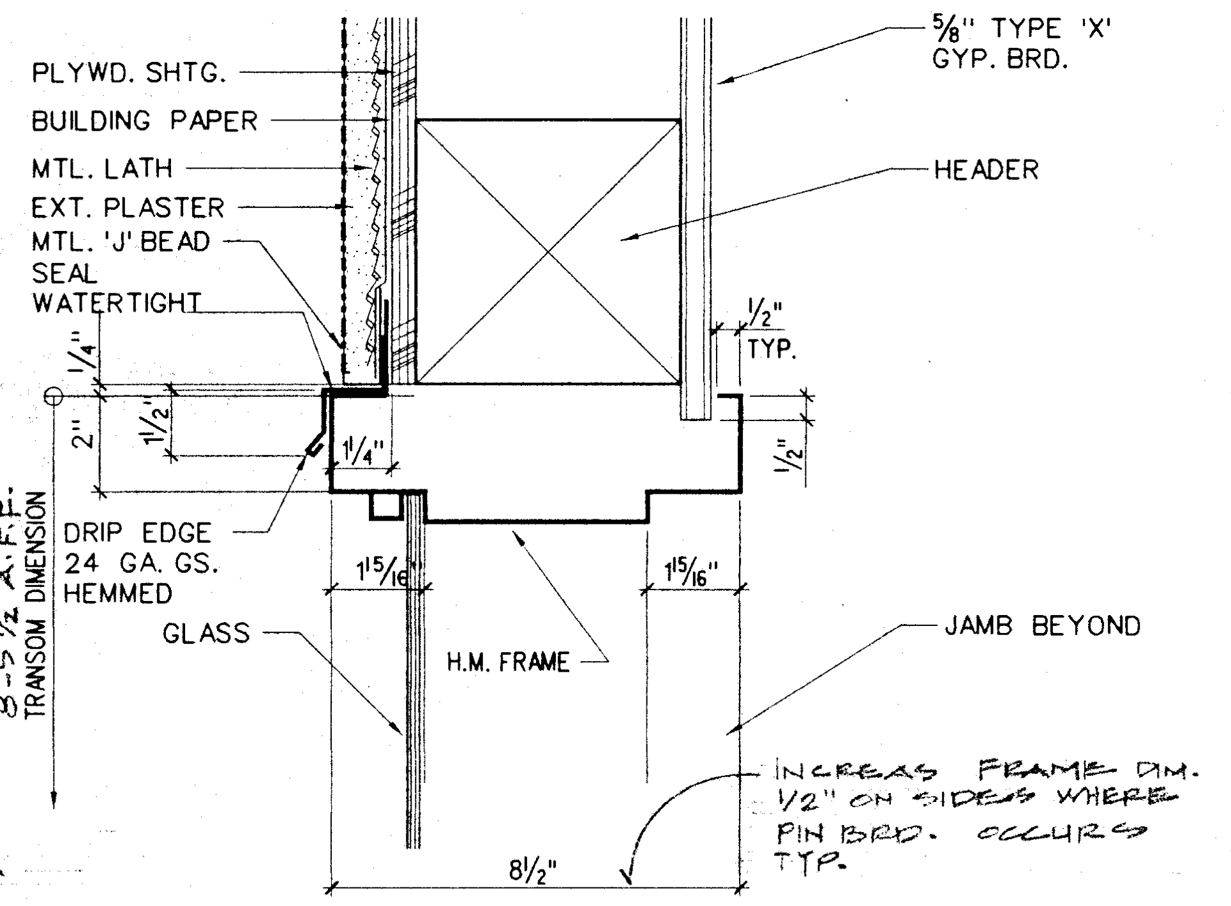


A5 INT. DOOR JAMB- HEAD SIM.
3"=1'-0" 081-11AB.dgn

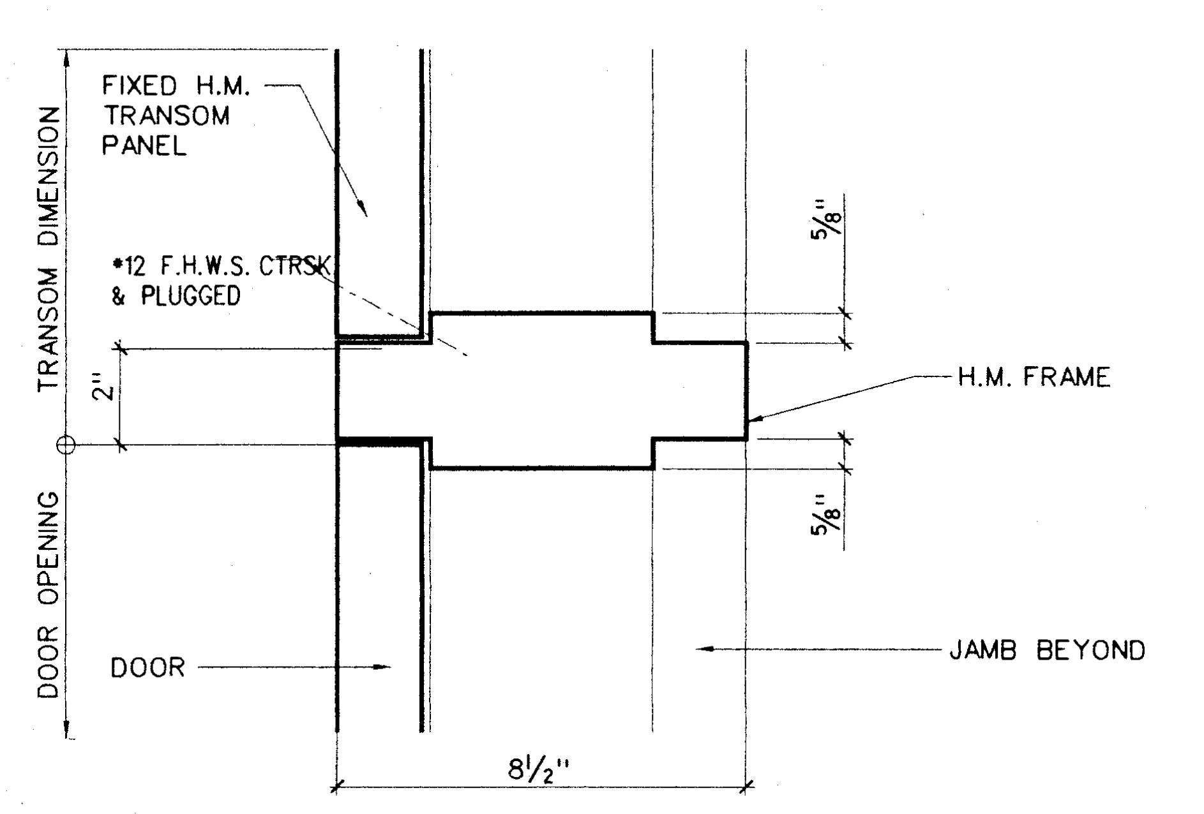


(ALT. BID)

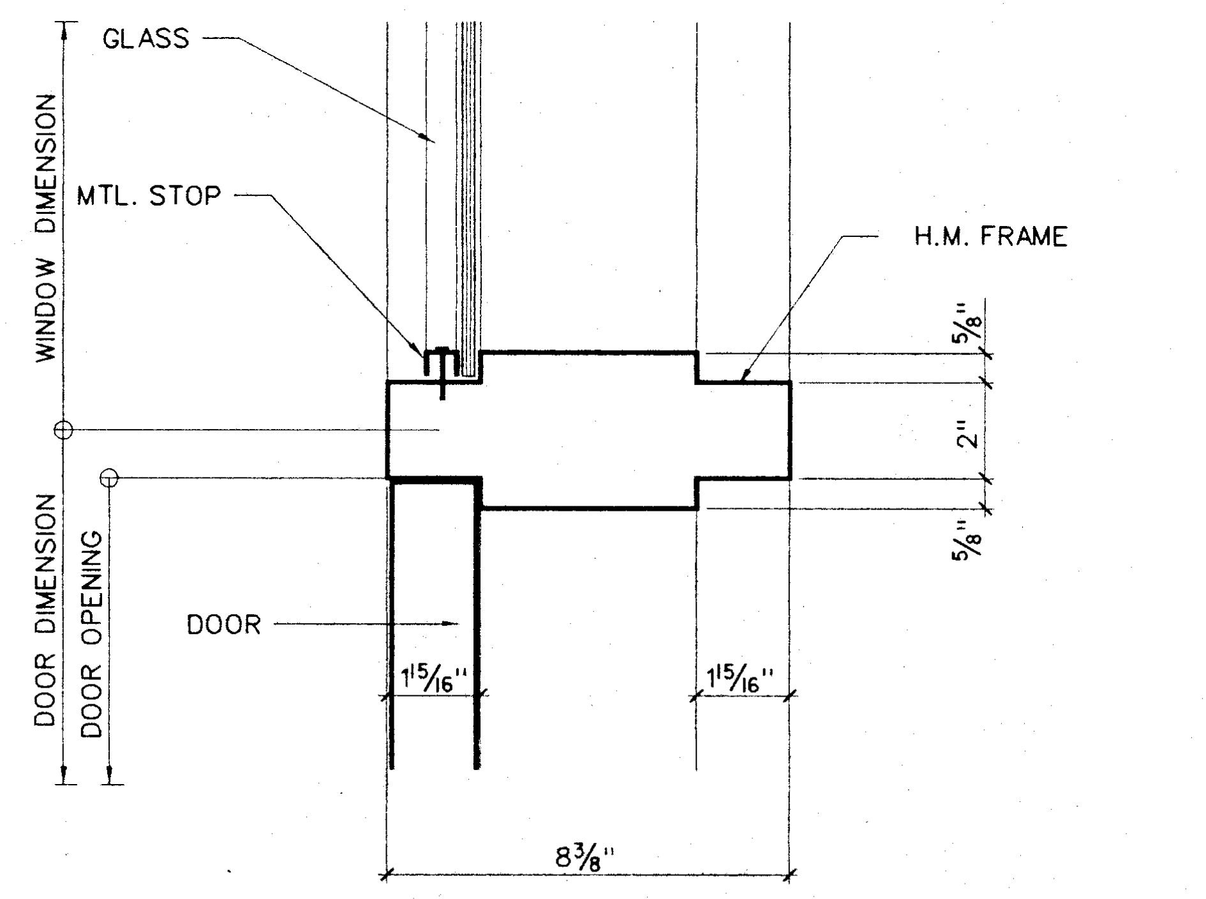
B1 TYP HEAD @ ALUM. AWNING
JAMB SIMILAR
3"=1'-0" 081-128ABOP.dgn



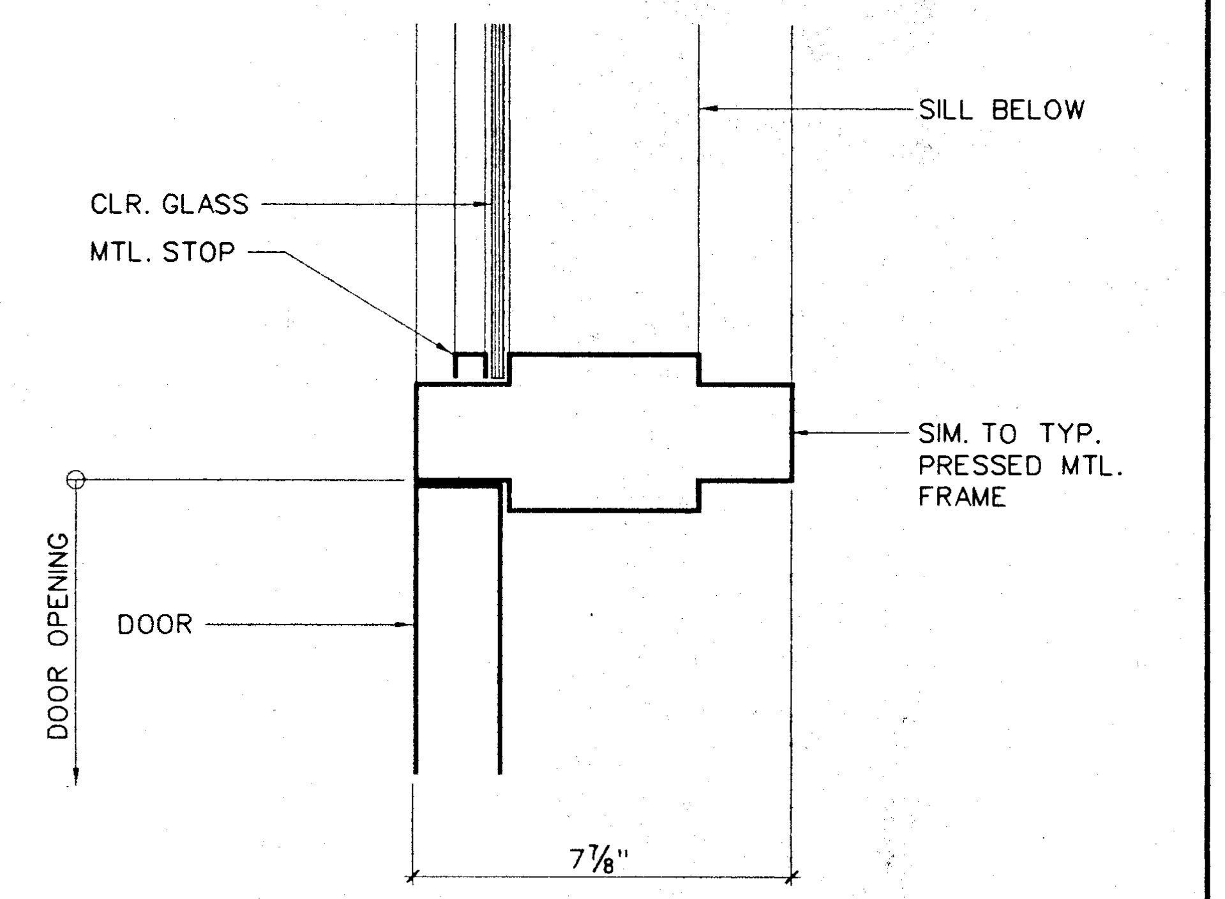
B2 TYP EXT. FRAME DOOR HEAD
3"=1'-0" 081-128AB.dgn



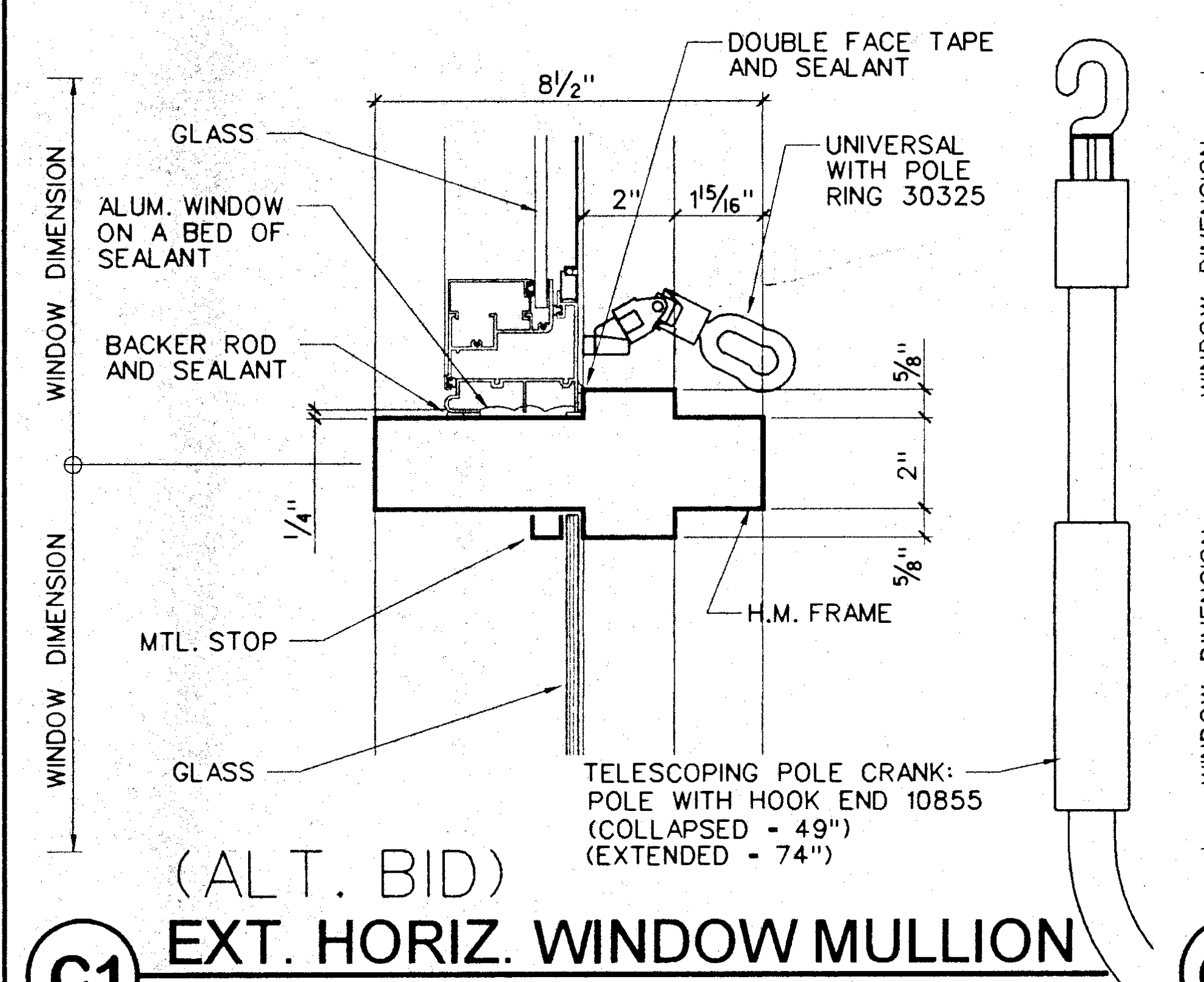
B3 EXT. TRANSOM BAR
3"=1'-0" 081-129 .dgn



B4 INT. DOOR JAMB @ WINDOW
3"=1'-0" 081-037A.dgn

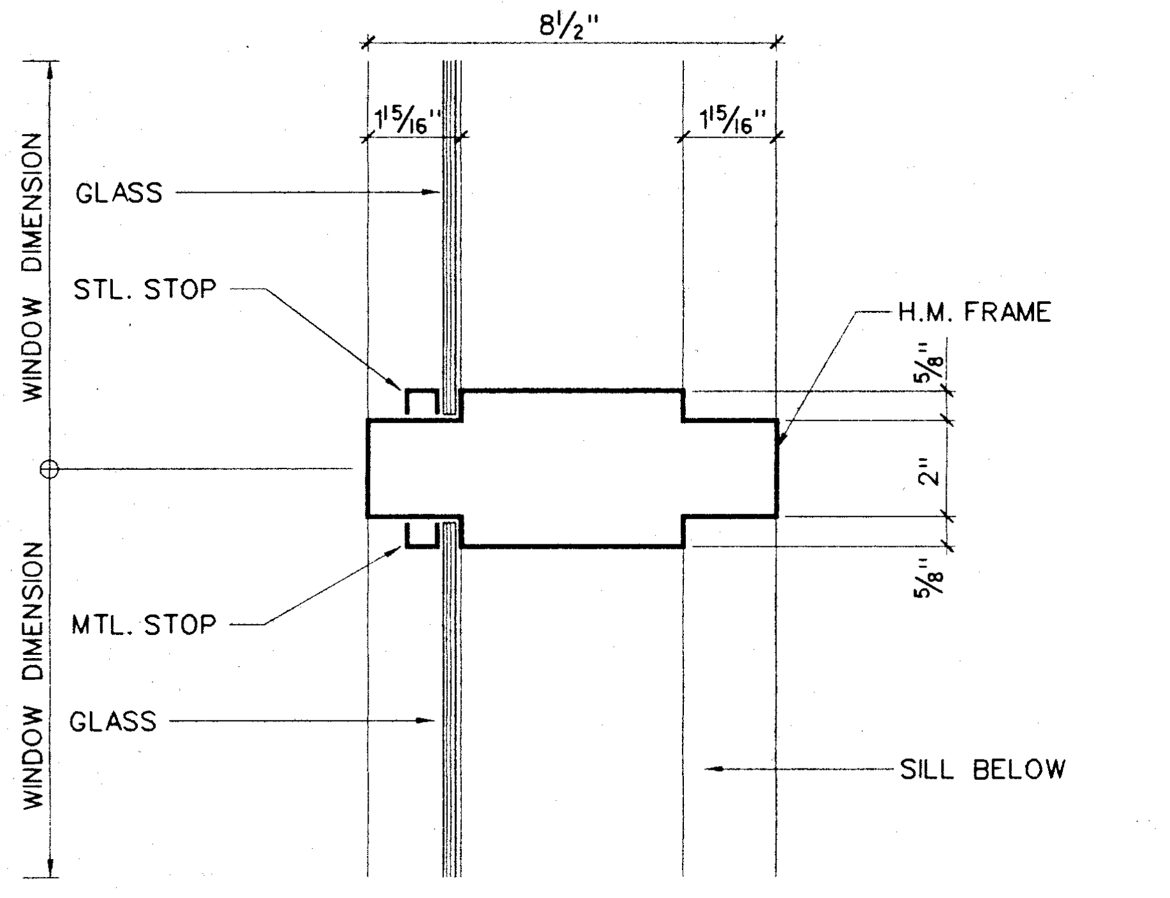


B5 INT. DOOR JAMB @ WINDOW
3"=1'-0" 081-037A.dgn

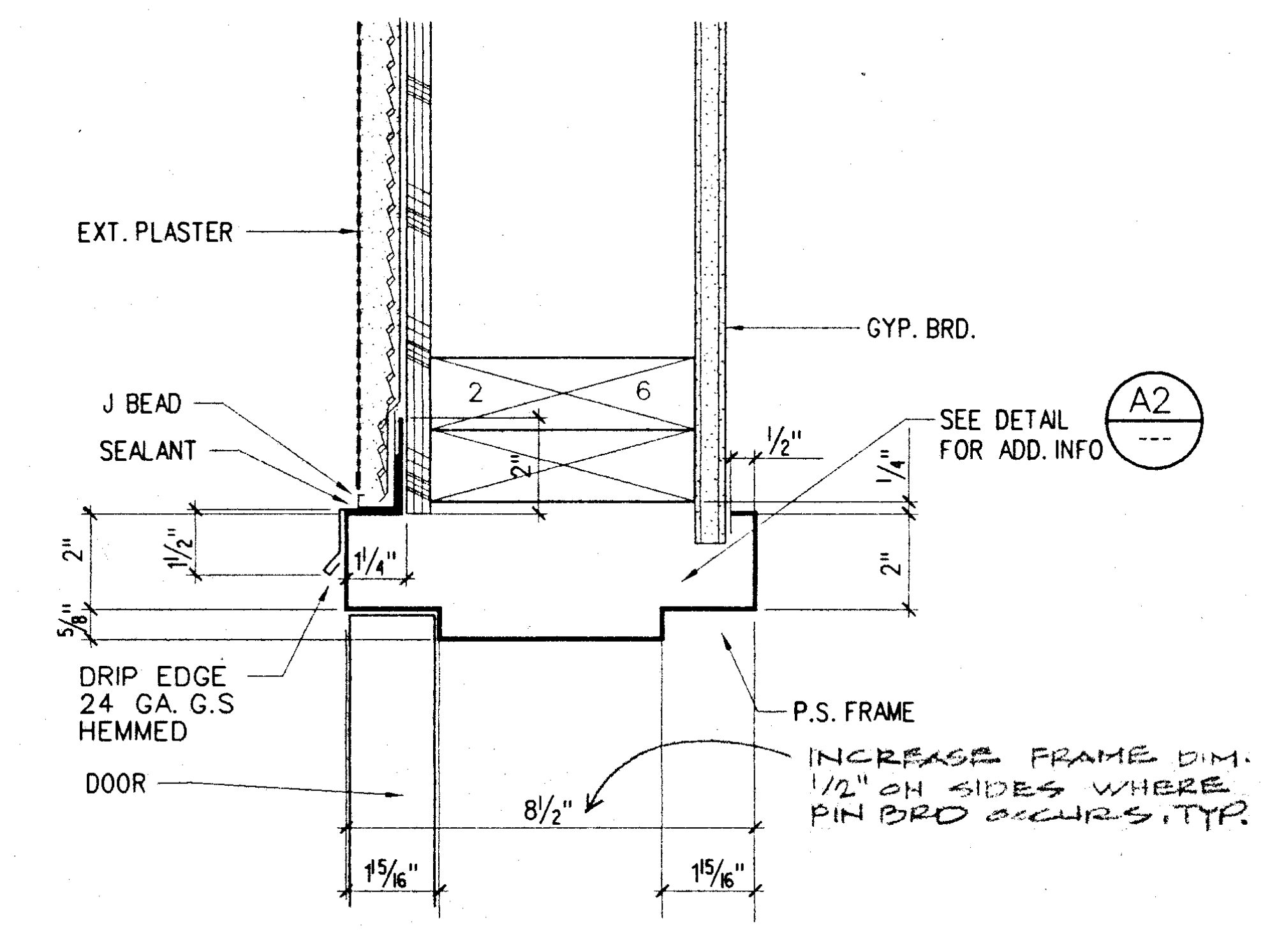

8 1/2"
DOUBLE FACE TAPE AND SEALANT
GLASS
UNIVERSAL WITH POLE RING 30325
ALUM. WINDOW ON A BED OF SEALANT
2"
1 5/16"
BACKER ROD AND SEALANT
5/8"
2"
5/8"
1/4"
WINDOW DIMENSION
MTL. STOP
H.M. FRAME
WINDOW DIMENSION
GLASS
TELESCOPING POLE CRANK: POLE WITH HOOK END 10855 (COLLAPSED - 49") (EXTENDED - 74")

(ALT. BID)

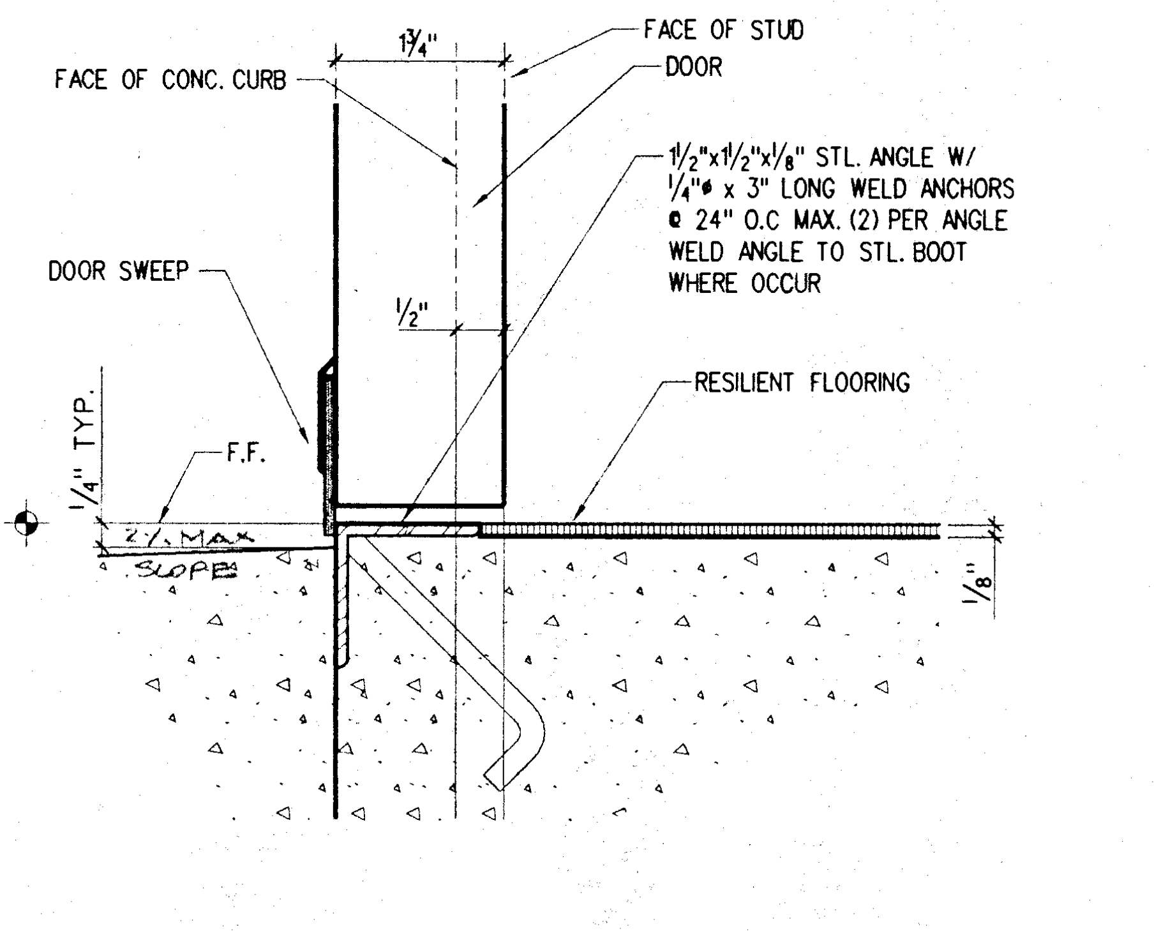
C1 EXT. HORIZ. WINDOW MULLION
3"=1'-0" 081-118ADPHM.dgn



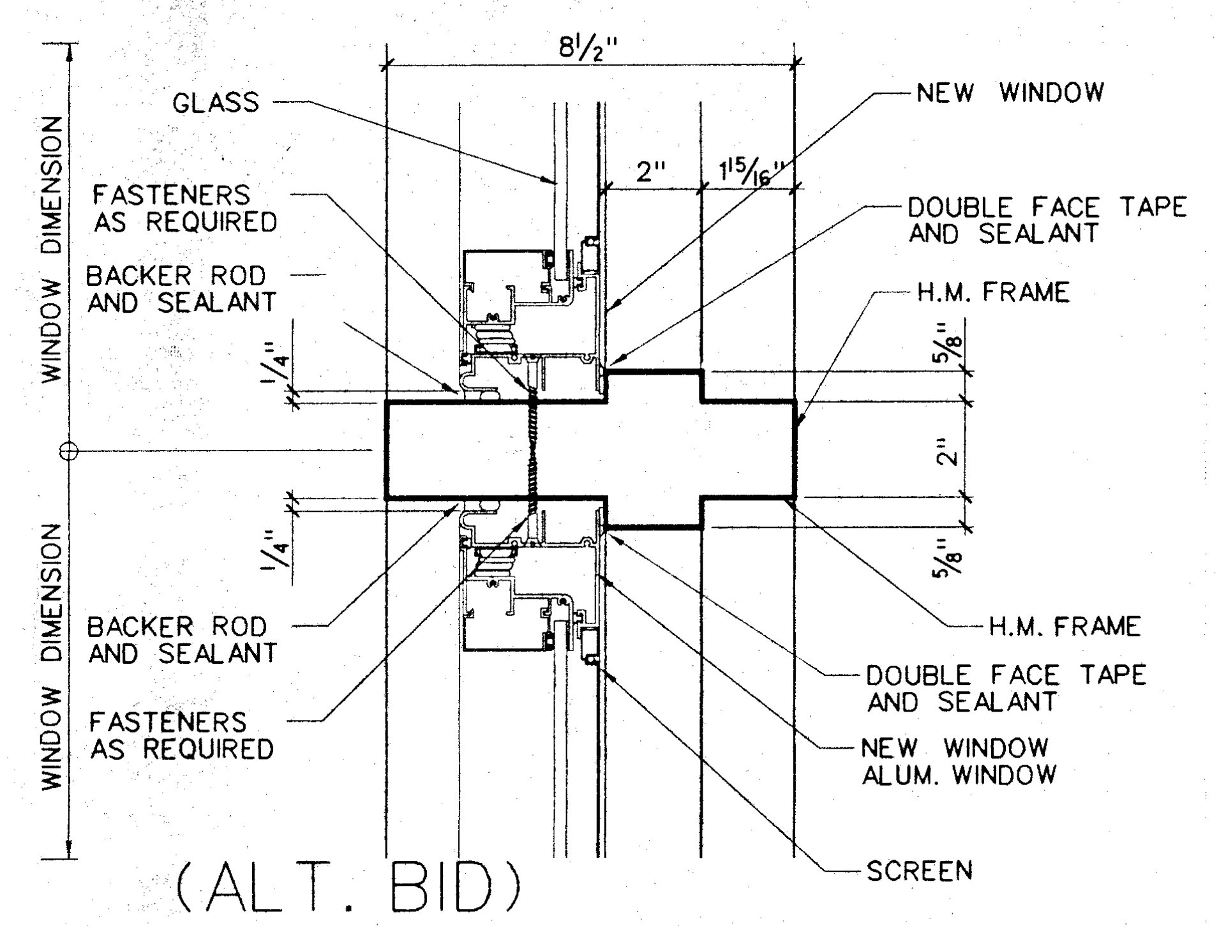
C2 EXT. WINDOW MULLION
3"=1'-0" 081-118A.dgn


EXT. PLASTER
GYP. BRD.
2 6
J BEAD
SEALANT
SEE DETAIL A2 FOR ADD. INFO
1/2"
2"
1 1/4"
1/2"
2"
5/8"
DRIP EDGE 24 GA. G.S. HEMMED
DOOR
P.S. FRAME
8 1/2"
1 5/16"
1 5/16"
INCREASE FRAME DIM. 1/2" ON SIDES WHERE PIN BRD OCCURS. TYP.

C3 EXT. DOOR JAMB
3"=1'-0" MHDETO19.dgn

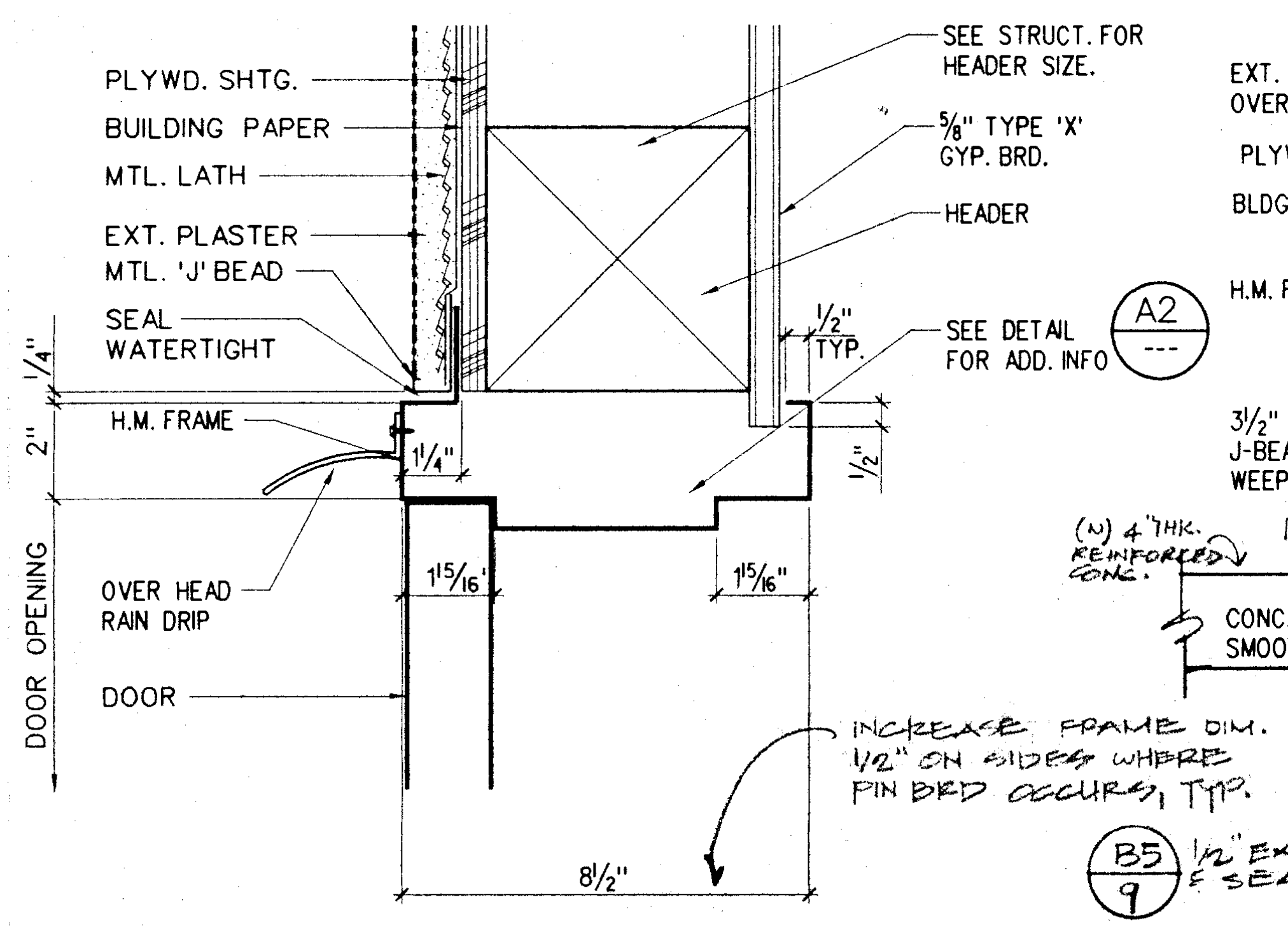

1 3/4"
FACE OF STUD
DOOR
FACE OF CONC. CURB
4 1/2"x4 1/2"x1/4" STL. ANGLE W/ 1/4"ø x 3" LONG WELD ANCHORS @ 24" O.C MAX. (2) PER ANGLE WELD ANGLE TO STL. BOOT WHERE OCCUR
DOOR SWEEP
1/2"
RESILIENT FLOORING
1/4" TYP.
F.F.
1/4" MAX SLOPE
1/8"

C5 EXTERIOR THRESHOLD
HALF SIZE 087-014 .dgn

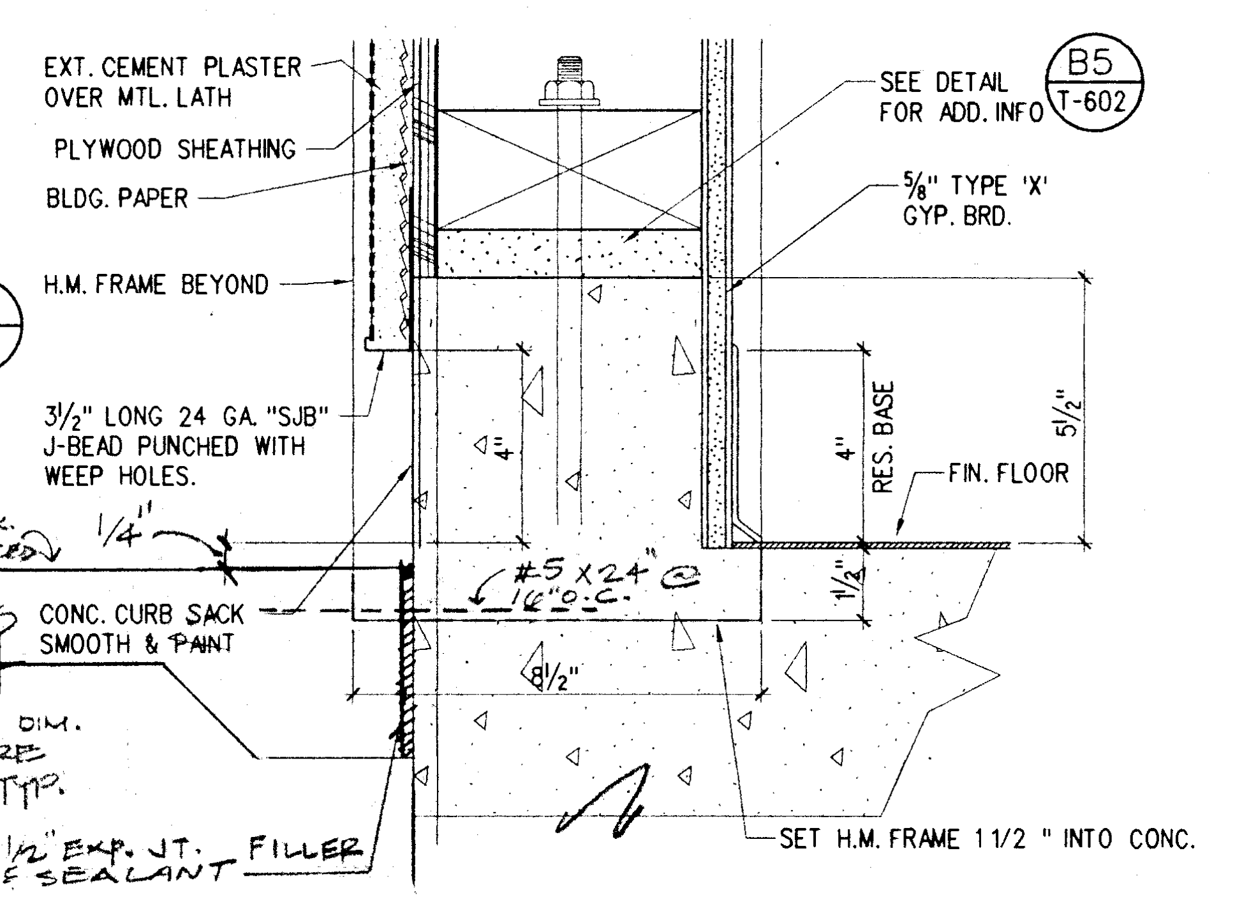


(ALT. BID)

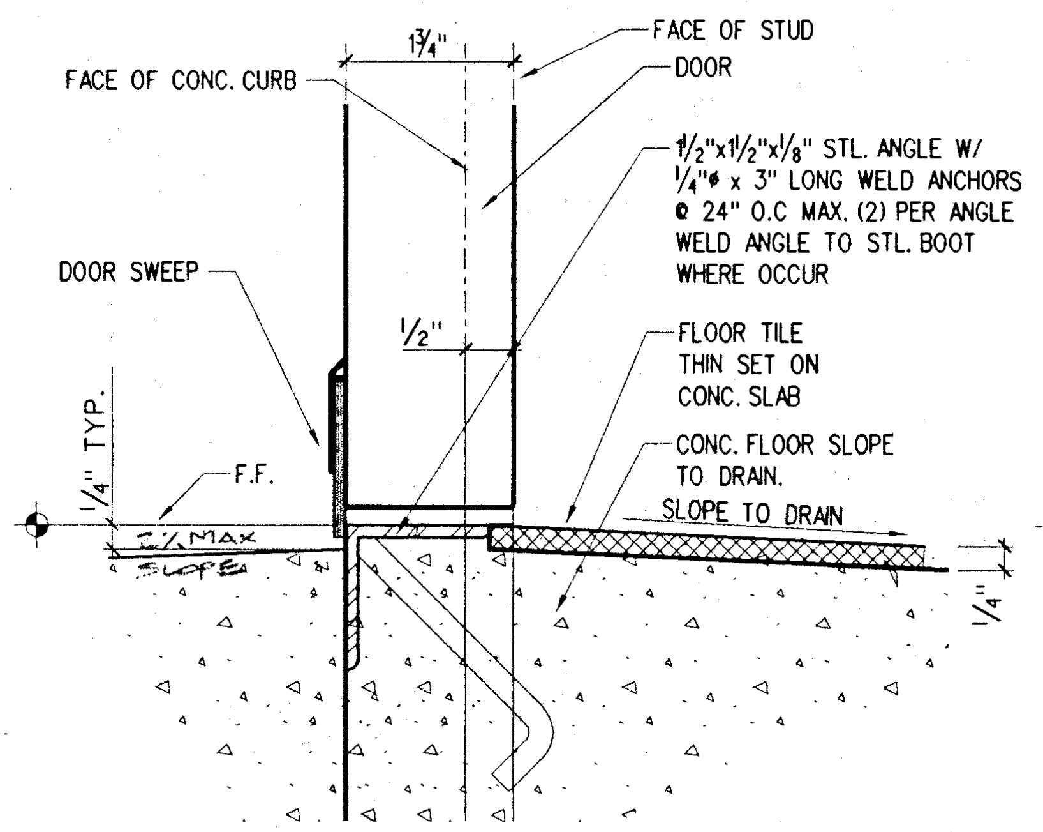
D1 EXT. VERT. WINDOW MULLION
3"=1'-0" 081-118ADPVM.dgn



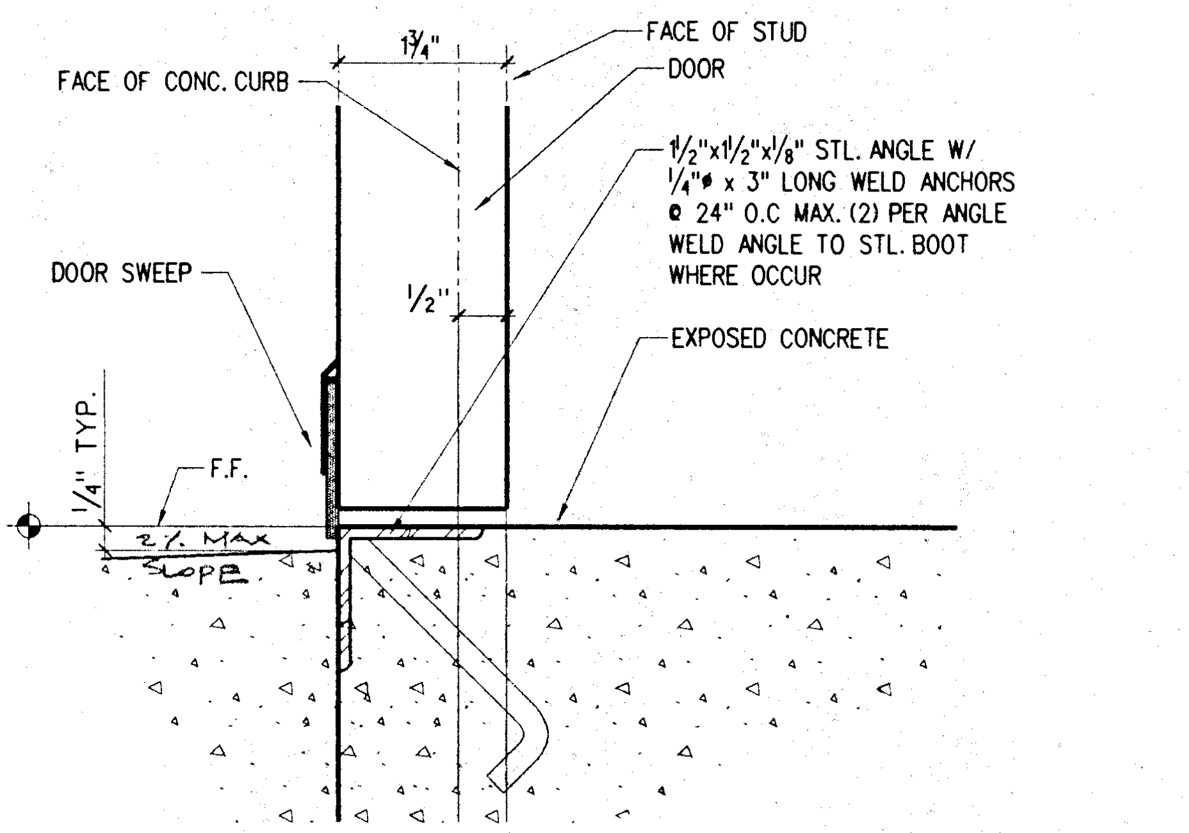
D2 EXT. DOOR HEAD
3"=1'-0" 081-11A.dgn


EXT. CEMENT PLASTER OVER MTL. LATH
PLYWOOD SHEATHING
BLDG. PAPER
SEE DETAIL B5/T-602 FOR ADD. INFO
5/8" TYPE 'X' GYP. BRD.
H.M. FRAME BEYOND
3 1/2" LONG 24 GA. "SJB" J-BEAD PUNCHED WITH WEEP HOLES.
(N) 4" THK. REINFORCED CONC.
1/4"
4"
RES. BASE
5 1/2"
FIN. FLOOR
CONC. CURB SACK SMOOTH & PAINT
#5 X 24" @ 16" O.C.
8 1/2"
B5/9 1/2" EXP. JT. FILLER & SEALANT
SET H.M. FRAME 1 1/2 " INTO CONC.

D3 PLASTER SCREED @ SILL
3"=1'-0" CONCCURB.dgn


1 3/4"
FACE OF STUD
DOOR
FACE OF CONC. CURB
4 1/2"x4 1/2"x1/4" STL. ANGLE W/ 1/4"ø x 3" LONG WELD ANCHORS @ 24" O.C MAX. (2) PER ANGLE WELD ANGLE TO STL. BOOT WHERE OCCUR
DOOR SWEEP
1/2"
FLOOR TILE THIN SET ON CONC. SLAB
CONC. FLOOR SLOPE TO DRAIN
SLOPE TO DRAIN
1/4" TYP.
F.F.
1/4" MAX SLOPE
1/4"

D4 EXTERIOR THRESHOLD
HALF SIZE 087-016 .dgn


1 3/4"
FACE OF STUD
DOOR
FACE OF CONC. CURB
4 1/2"x4 1/2"x1/4" STL. ANGLE W/ 1/4"ø x 3" LONG WELD ANCHORS @ 24" O.C MAX. (2) PER ANGLE WELD ANGLE TO STL. BOOT WHERE OCCUR
DOOR SWEEP
1/2"
EXPOSED CONCRETE
1/4" TYP.
F.F.
1/4" MAX SLOPE

D5 EXTERIOR THRESHOLD
HALF SIZE 087-017 .dgn

CARMICHAEL-KEMP
ARCHITECTS A.I.A.
2870 LOS FELIZ PLACE LOS ANGELES 90039 (323) 666-1265

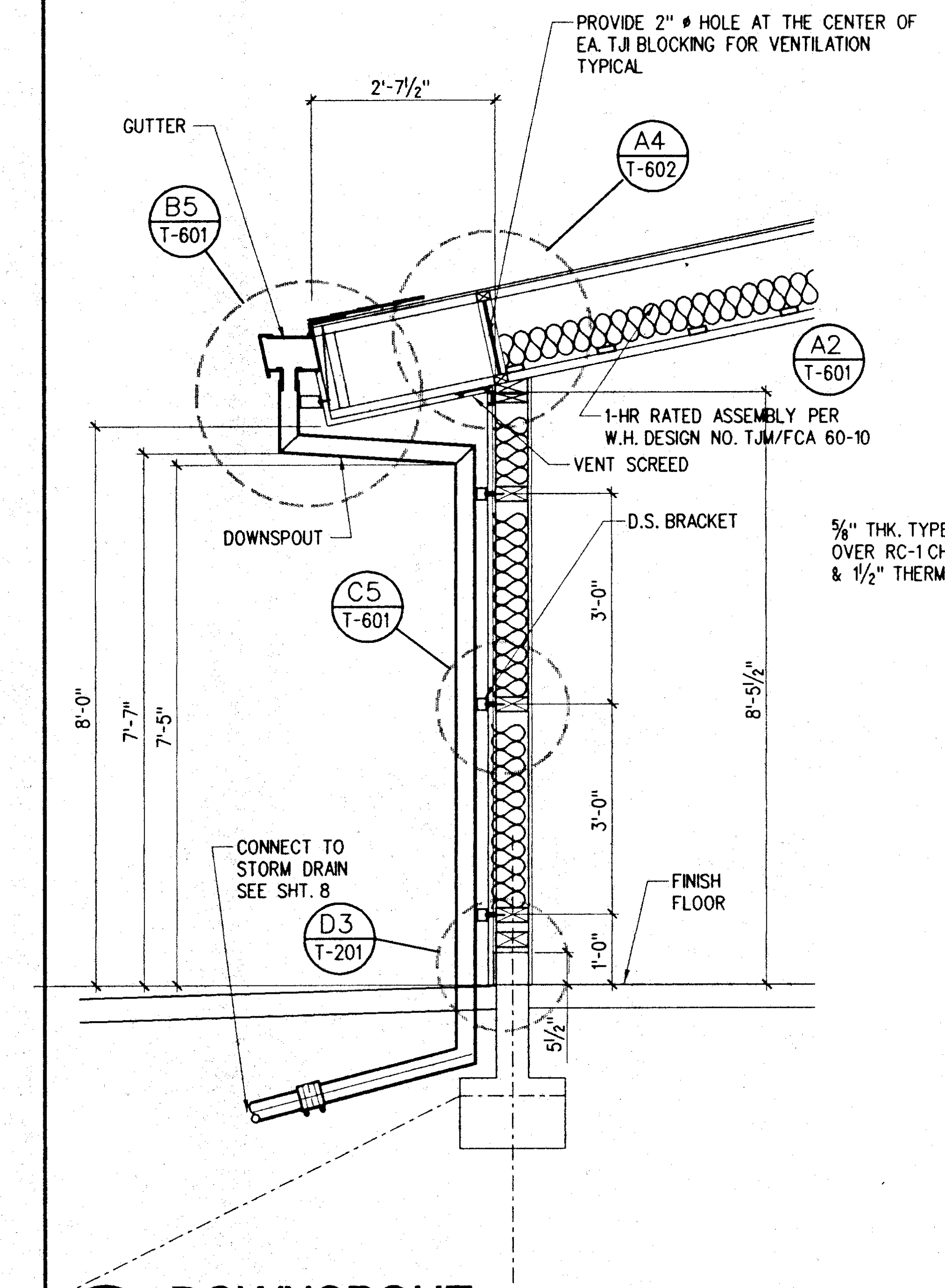
LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Ci FLS SS
DATE DEC 14 1999

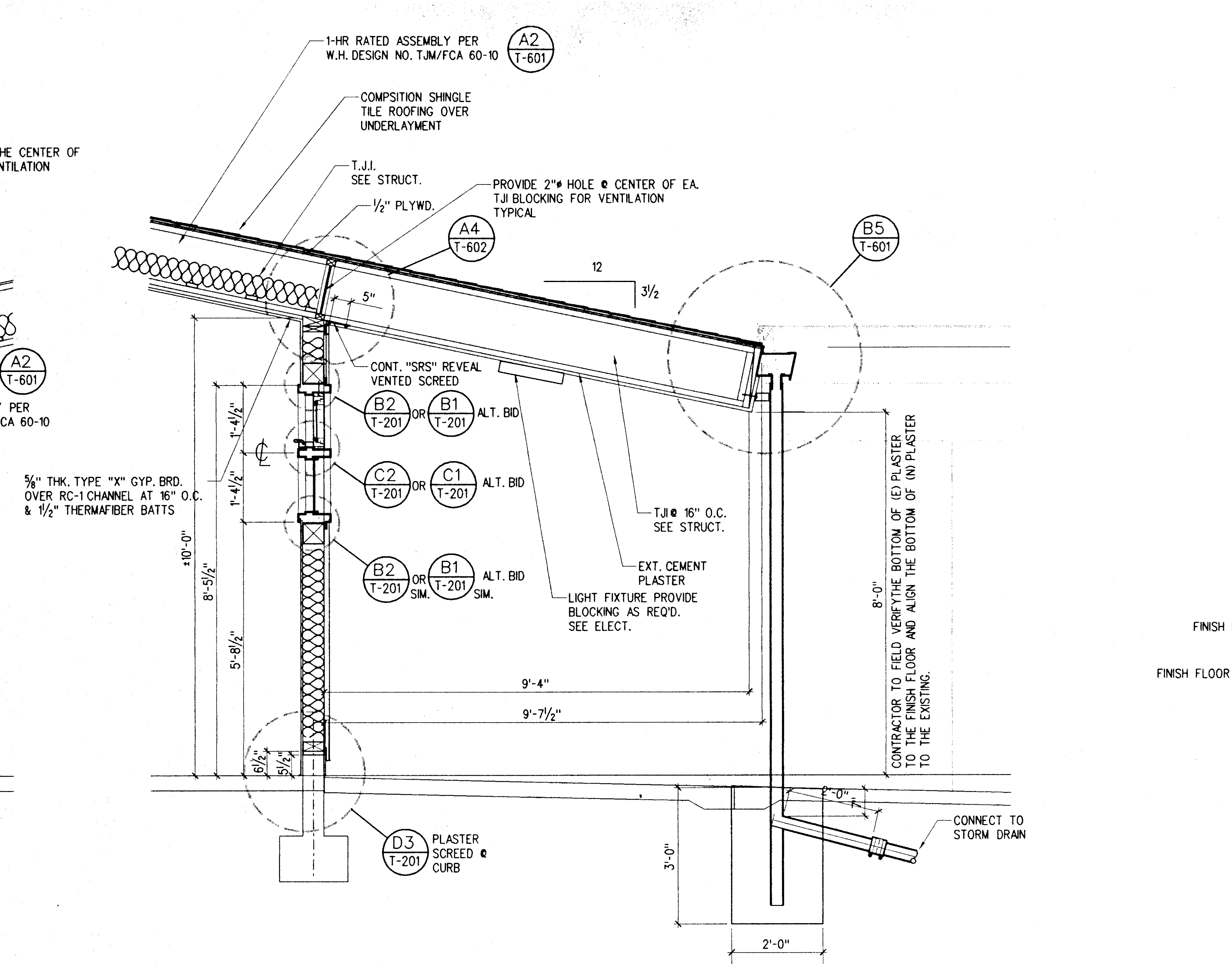
NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

Exterior Door & Window Details

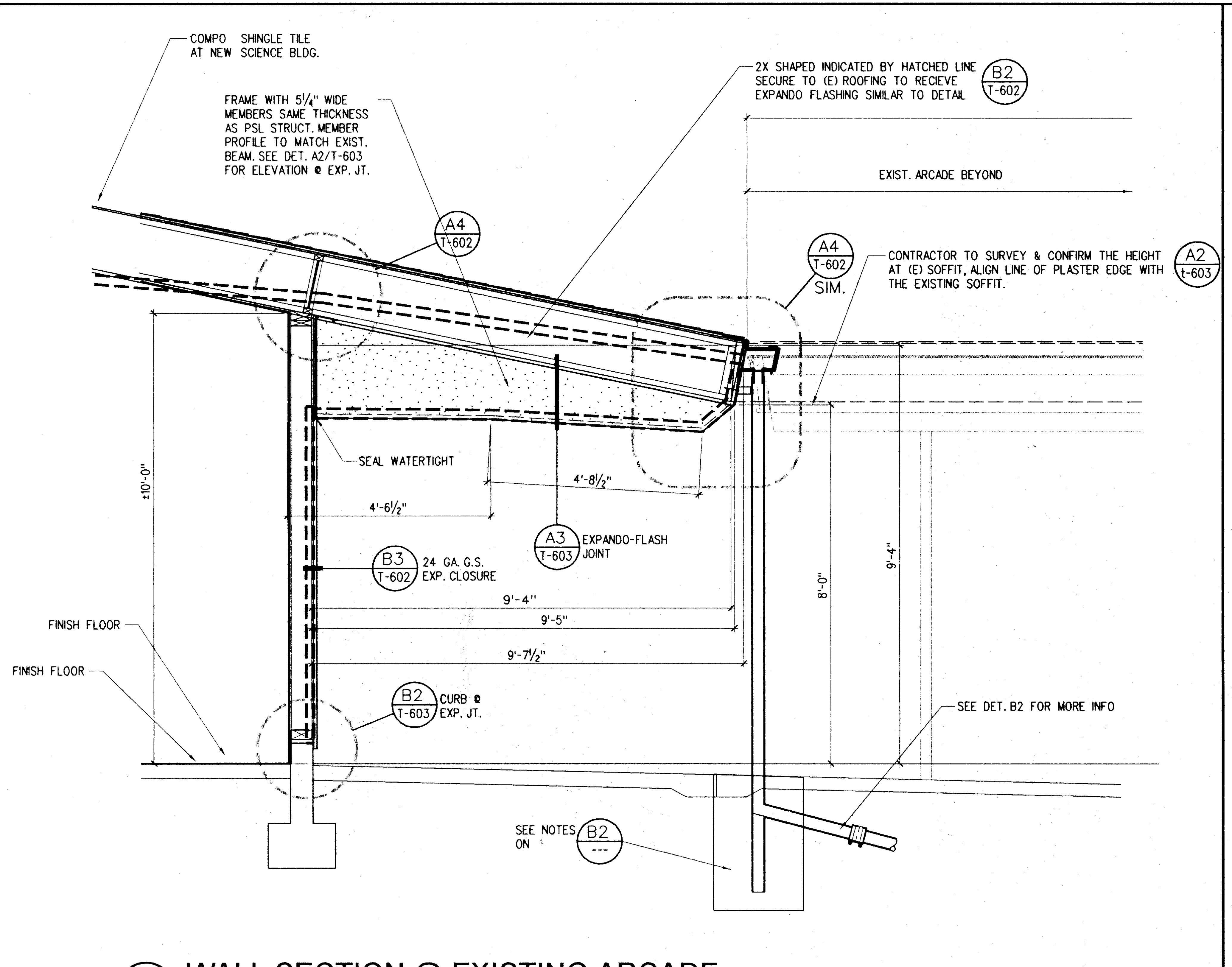
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	T-201
BINDING ORDER	37 OF 82


GUTTER
B5 T-601
PROVIDE 2" ø HOLE AT THE CENTER OF EA. TJI BLOCKING FOR VENTILATION TYPICAL
2'-7½"
A4 T-602
A2 T-601
1-HR RATED ASSEMBLY PER W.H. DESIGN NO. TJM/FCA 60-10
VENT SCREED
DOWNSPOUT
D.S. BRACKET
C5 T-601
3'-0"
8'-5½"
8'-0"
7'-7"
7'-5"
CONNECT TO STORM DRAIN SEE SHT. 8
D3 T-201
FINISH FLOOR
1'-0"
5½"

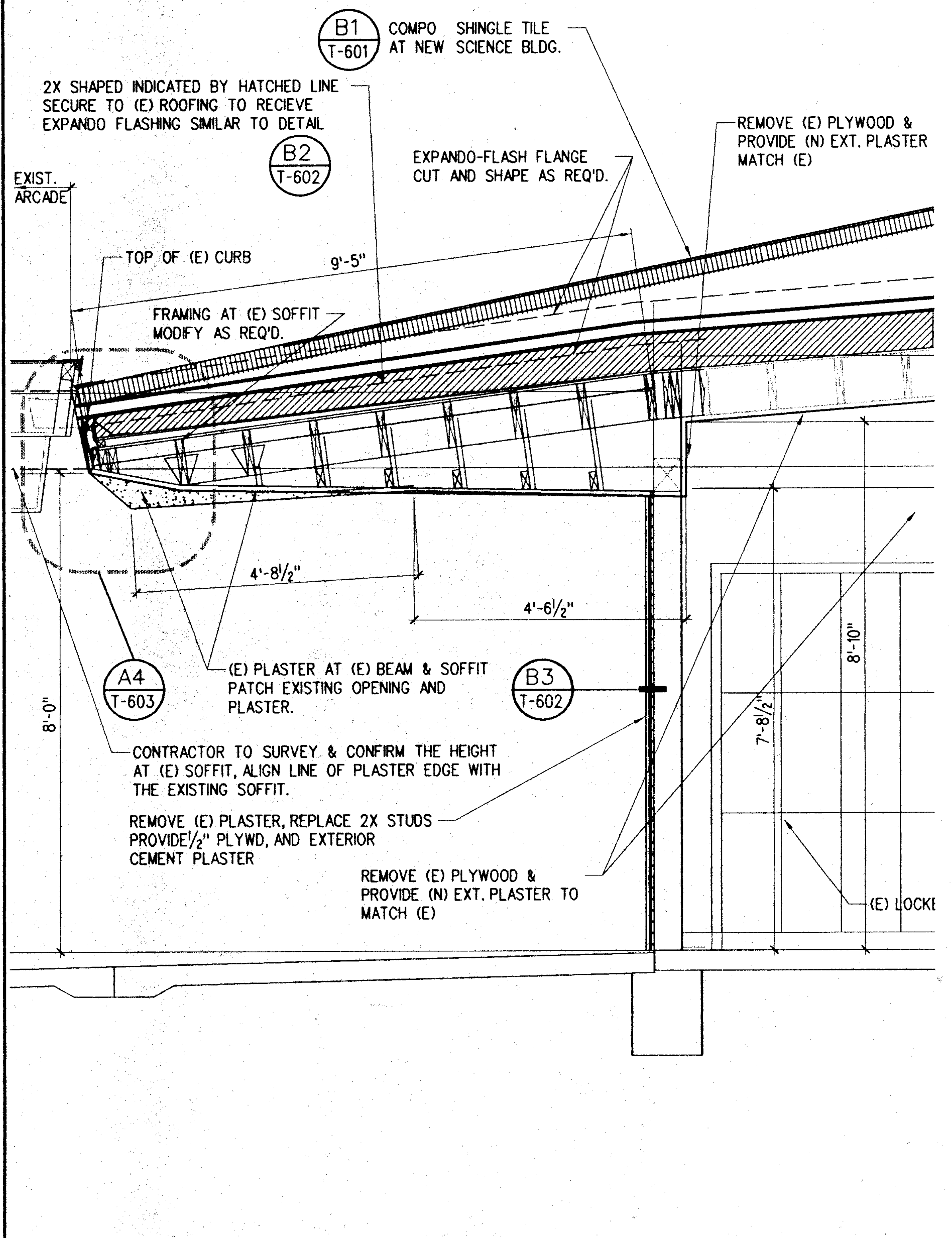
B1 DOWNSPOUT
½"=1'-0"
mmdet058.dgn


1-HR RATED ASSEMBLY PER W.H. DESIGN NO. TJM/FCA 60-10
A2 T-601
COMPISITION SHINGLE TILE ROOFING OVER UNDERLAYMENT
T.J.I. SEE STRUCT.
½" PLYWD.
PROVIDE 2"ø HOLE @ CENTER OF EA. TJI BLOCKING FOR VENTILATION TYPICAL
A4 T-602
B5 T-601
12
3½
5"
CONT. "SRS" REVEAL VENTED SCREED
B2 T-201 OR B1 T-201 ALT. BID
C2 T-201 OR C1 T-201 ALT. BID
B2 T-201 SIM. OR B1 T-201 SIM. ALT. BID
⅝" THK. TYPE "X" GYP. BRD. OVER RC-1 CHANNEL AT 16" O.C. & 1½" THERMAFIBER BATTS
TJI @ 16" O.C. SEE STRUCT.
EXT. CEMENT PLASTER
LIGHT FIXTURE PROVIDE BLOCKING AS REQ'D. SEE ELECT.
1'-4½"
1'-4½"
±10'-0"
8'-5½"
5'-8½"
8'-0"
9'-4"
9'-7½"
6½"
CONTRACTOR TO FIELD VERIFY THE BOTTOM OF (E) PLASTER TO THE FINISH FLOOR AND ALIGN THE BOTTOM OF (N) PLASTER TO THE EXISTING.
D3 T-201 PLASTER SCREED @ CURB
3'-0"
2'-0"
2'-0"
CONNECT TO STORM DRAIN

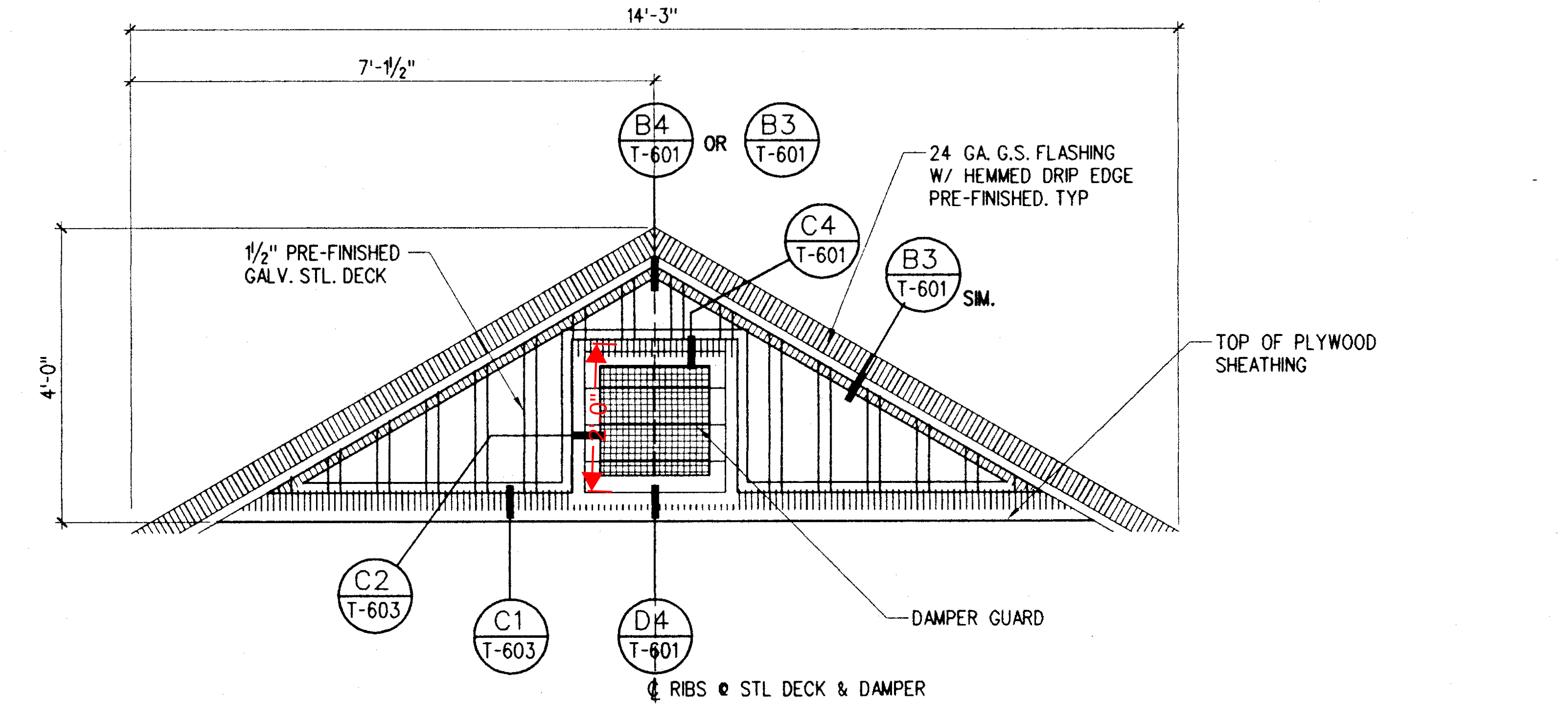
B2 TYPICAL WALL SECTION
½"=1'-0"
mmdet059.dgn


COMPO SHINGLE TILE AT NEW SCIENCE BLDG.
FRAME WITH 5¼" WIDE MEMBERS SAME THICKNESS AS PSL STRUCT. MEMBER PROFILE TO MATCH EXIST. BEAM. SEE DET. A2/T-603 FOR ELEVATION @ EXP. JT.
A4 T-602
2X SHAPED INDICATED BY HATCHED LINE SECURE TO (E) ROOFING TO RECIEVE EXPANDO FLASHING SIMILAR TO DETAIL
B2 T-602
EXIST. ARCADE BEYOND
A4 T-602 SIM.
CONTRACTOR TO SURVEY & CONFIRM THE HEIGHT AT (E) SOFFIT, ALIGN LINE OF PLASTER EDGE WITH THE EXISTING SOFFIT.
A2 T-603
±10'-0"
SEAL WATERTIGHT
4'-8½"
4'-6½"
A3 T-603 EXPANDO-FLASH JOINT
B3 T-602 24 GA. G.S. EXP. CLOSURE
9'-4"
9'-5"
9'-7½"
8'-0"
9'-4"
FINISH FLOOR
FINISH FLOOR
B2 T-603 CURB @ EXP. JT.
SEE DET. B2 FOR MORE INFO
SEE NOTES ON B2 ---

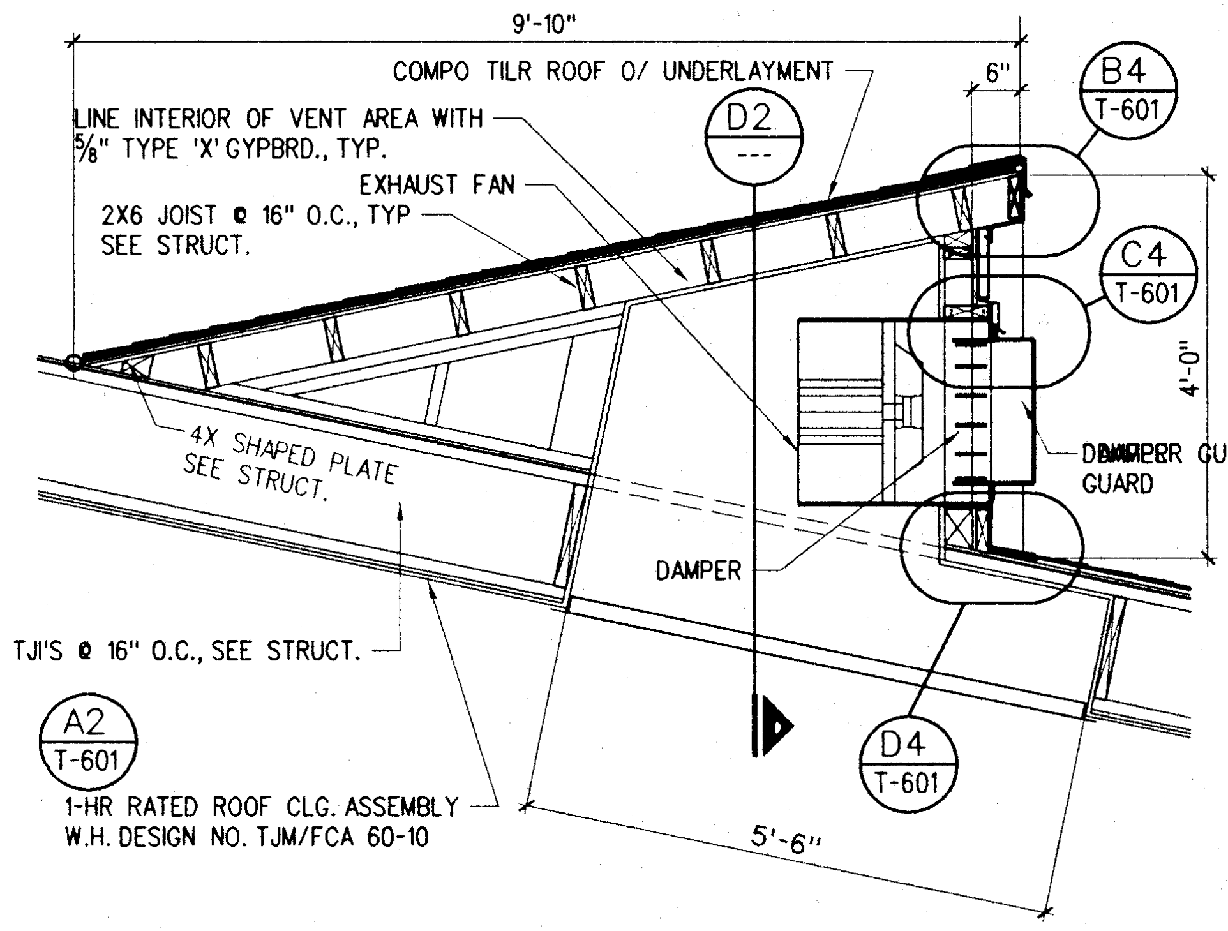
B4 WALL SECTION @ EXISTING ARCADE
½"=1'-0"
mmdet052.dgn


B1 T-601 COMPO SHINGLE TILE AT NEW SCIENCE BLDG.
2X SHAPED INDICATED BY HATCHED LINE SECURE TO (E) ROOFING TO RECIEVE EXPANDO FLASHING SIMILAR TO DETAIL
B2 T-602
EXPANDO-FLASH FLANGE CUT AND SHAPE AS REQ'D.
REMOVE (E) PLYWOOD & PROVIDE (N) EXT. PLASTER MATCH (E)
EXIST. ARCADE
TOP OF (E) CURB
9'-5"
FRAMING AT (E) SOFFIT MODIFY AS REQ'D.
4'-8½"
4'-6½"
8'-10"
A4 T-603
(E) PLASTER AT (E) BEAM & SOFFIT PATCH EXISTING OPENING AND PLASTER.
B3 T-602
8'-0"
7'-8½"
CONTRACTOR TO SURVEY & CONFIRM THE HEIGHT AT (E) SOFFIT, ALIGN LINE OF PLASTER EDGE WITH THE EXISTING SOFFIT.
REMOVE (E) PLASTER, REPLACE 2X STUDS PROVIDE ½" PLYWD, AND EXTERIOR CEMENT PLASTER
REMOVE (E) PLYWOOD & PROVIDE (N) EXT. PLASTER TO MATCH (E)
(E) LOCKE

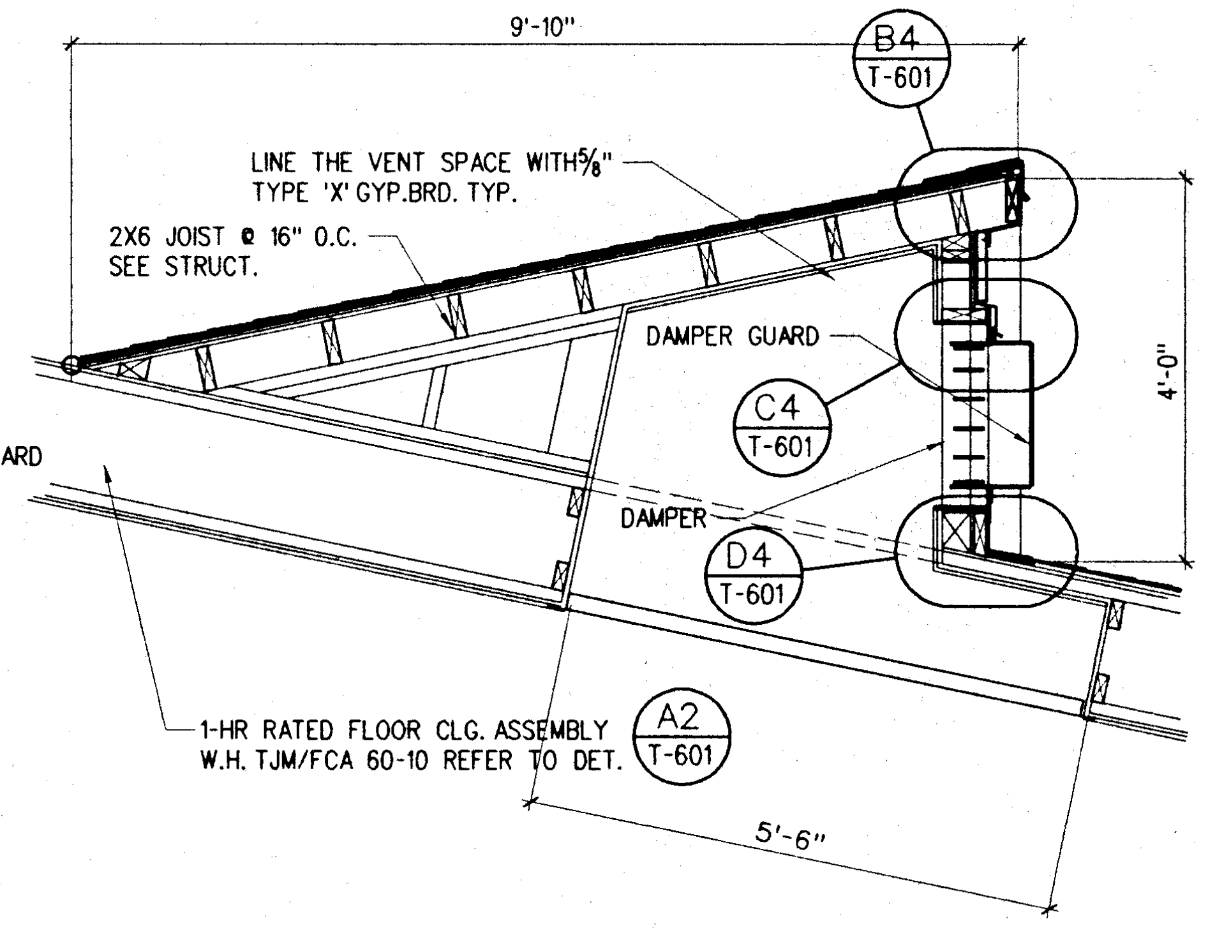
D1 SECTION @ (E) COVERED WALK
mmdet055.dgn



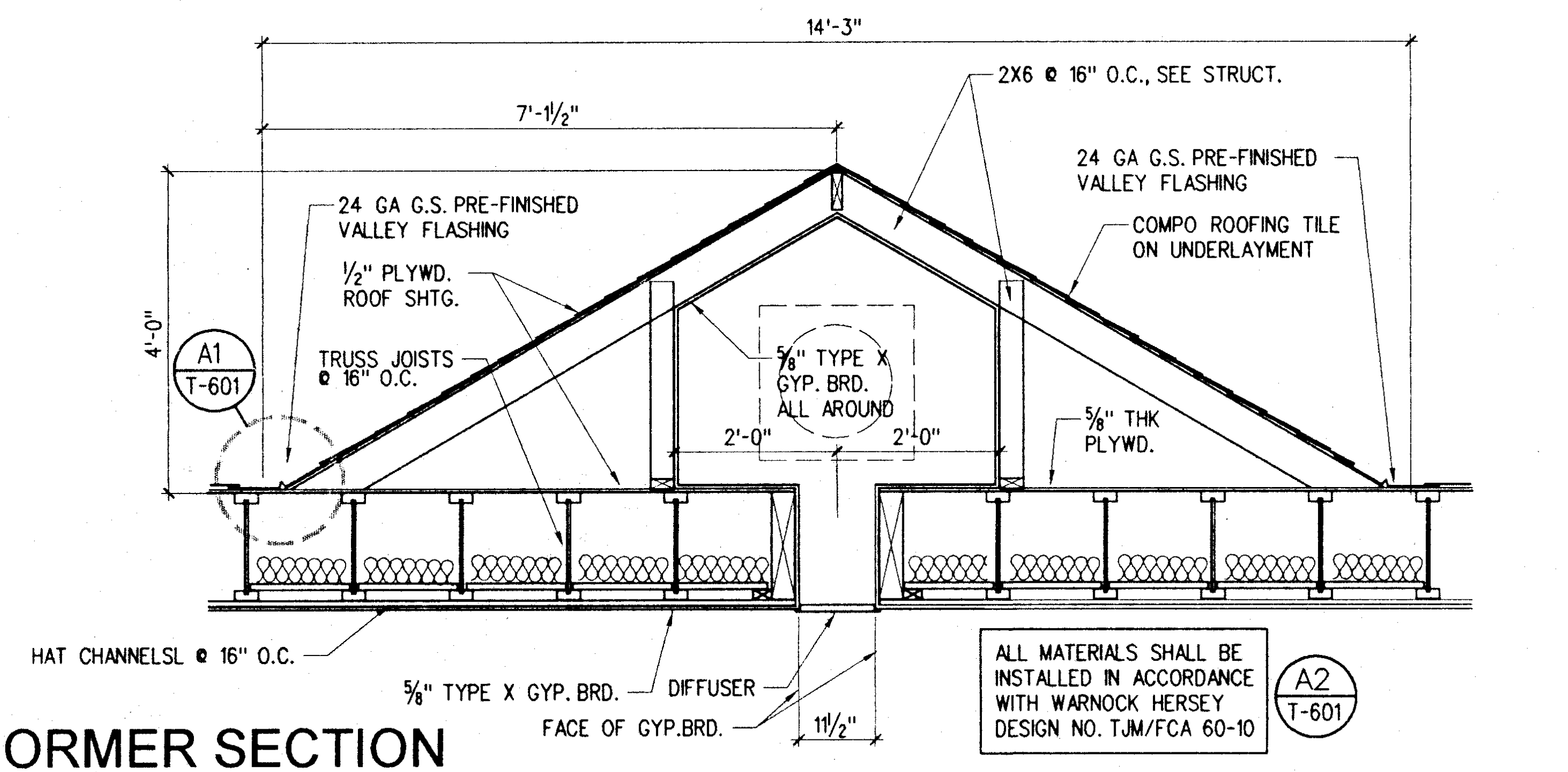
C2 DORMER SECTION
½"=1'-0"
.dgn
mmdet056.dgn


9'-10"
COMPO TILR ROOF O/ UNDERLAYMENT
6"
B4 T-601
LINE INTERIOR OF VENT AREA WITH ⅝" TYPE 'X' GYPBRD., TYP.
D2 ---
EXHAUST FAN
2X6 JOIST @ 16" O.C., TYP
SEE STRUCT.
C4 T-601
4'-0"
4X SHAPED PLATE SEE STRUCT.
DAMPER GUARD
DAMPER
TJI'S @ 16" O.C., SEE STRUCT.
A2 T-601
1-HR RATED ROOF CLG. ASSEMBLY W.H. DESIGN NO. TJM/FCA 60-10
D4 T-601
5'-6"

C4 SECTION AT EXHAUST FAN
½"=1'-0"
mmdet073.dgn

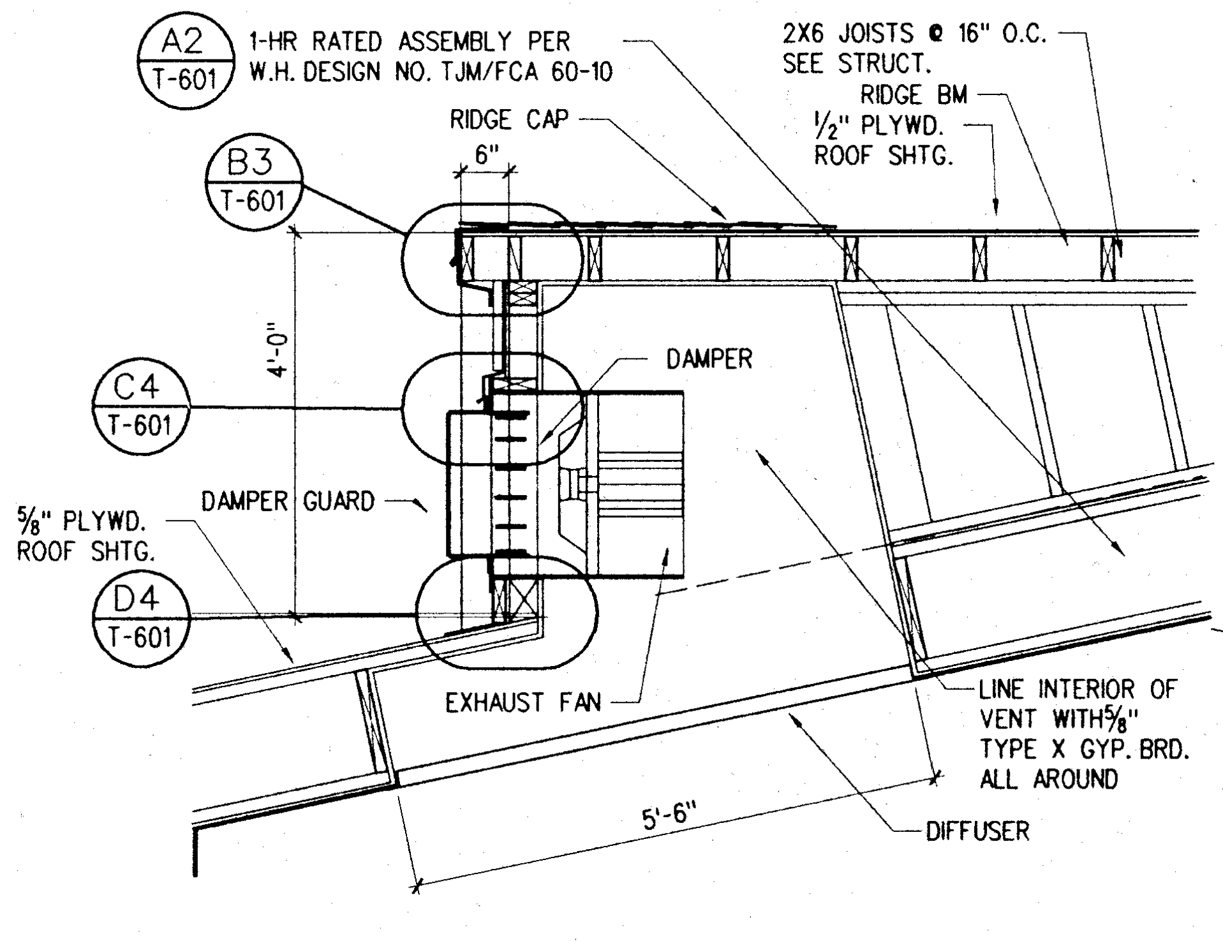

9'-10"
B4 T-601
LINE THE VENT SPACE WITH ⅝" TYPE 'X' GYP.BRD. TYP.
2X6 JOIST @ 16" O.C. SEE STRUCT.
DAMPER GUARD
C4 T-601
DAMPER
D4 T-601
4'-0"
1-HR RATED FLOOR CLG. ASSEMBLY W.H. TJM/FCA 60-10 REFER TO DET.
A2 T-601
5'-6"

C5 SECTION AT AIR INTAKE
½"=1'-0"
mmdet072.dgn

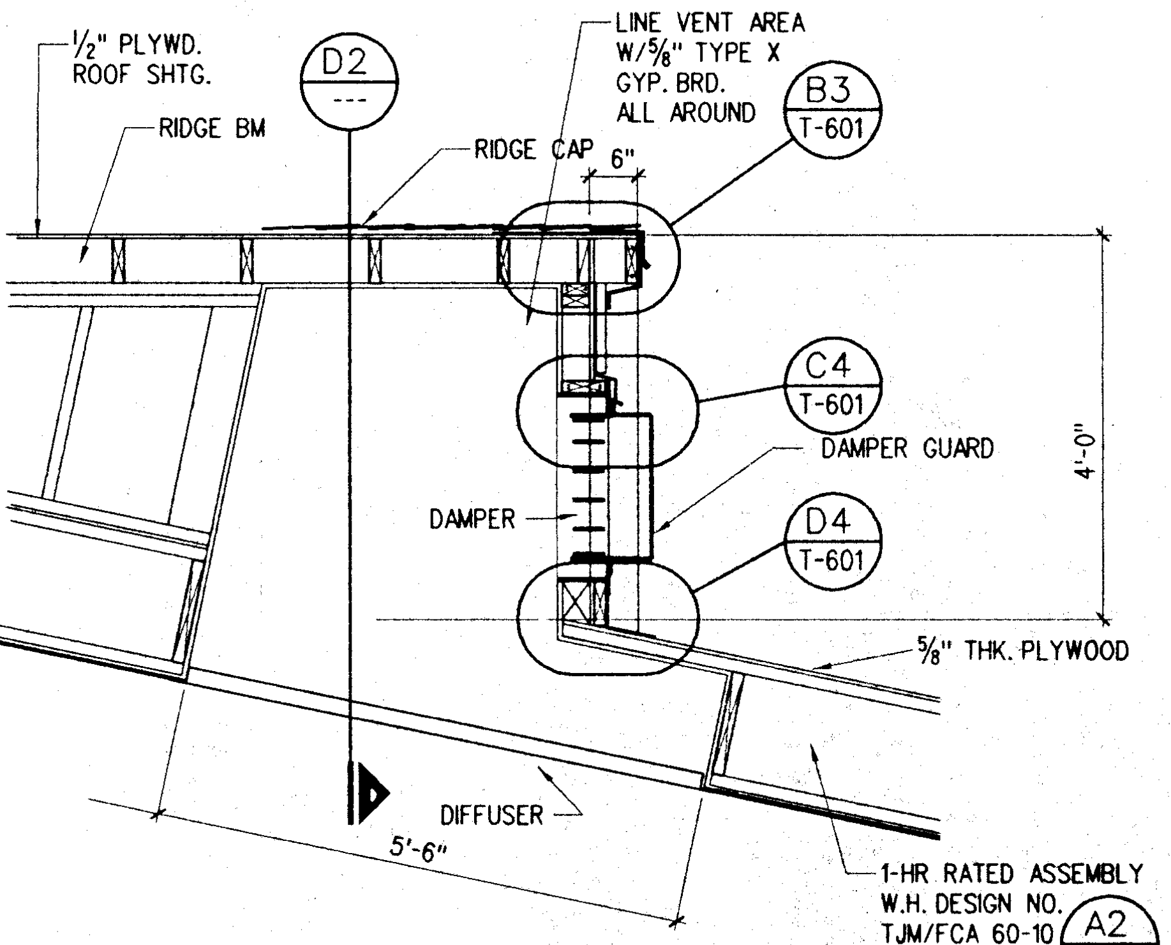

14'-3"
7'-1½"
2X6 @ 16" O.C., SEE STRUCT.
24 GA G.S. PRE-FINISHED VALLEY FLASHING
24 GA G.S. PRE-FINISHED VALLEY FLASHING
COMPO ROOFING TILE ON UNDERLAYMENT
½" PLYWD. ROOF SHTG.
TRUSS JOISTS @ 16" O.C.
⅝" TYPE X GYP. BRD. ALL AROUND
4'-0"
A1 T-601
2'-0"
2'-0"
⅝" THK PLYWD.
HAT CHANNELS @ 16" O.C.
⅝" TYPE X GYP. BRD.
DIFFUSER
FACE OF GYP.BRD.
1½"

ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH WARNOCK HERSEY DESIGN NO. TJM/FCA 60-10 A2 T-601

D2 DORMER SECTION
½"=1'-0"
.dgn
mmdet042.dgn


A2 T-601 1-HR RATED ASSEMBLY PER W.H. DESIGN NO. TJM/FCA 60-10
2X6 JOISTS @ 16" O.C. SEE STRUCT.
RIDGE CAP
RIDGE BM
½" PLYWD. ROOF SHTG.
6"
B3 T-601
4'-0"
DAMPER
C4 T-601
⅝" PLYWD. ROOF SHTG.
DAMPER GUARD
D4 T-601
EXHAUST FAN
LINE INTERIOR OF VENT WITH ⅝" TYPE X GYP. BRD. ALL AROUND
5'-6"
DIFFUSER

D4 SECTION AT EXHAUST FAN
½"=1'-0"
mmdet074.dgn



D5 SECTION AT AIR INTAKE
½"=1'-0"
mmdet075.dgn

WALL SECTIONS

CARMICHAEL-KEMP
ARCHITECTS
AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 666 1265

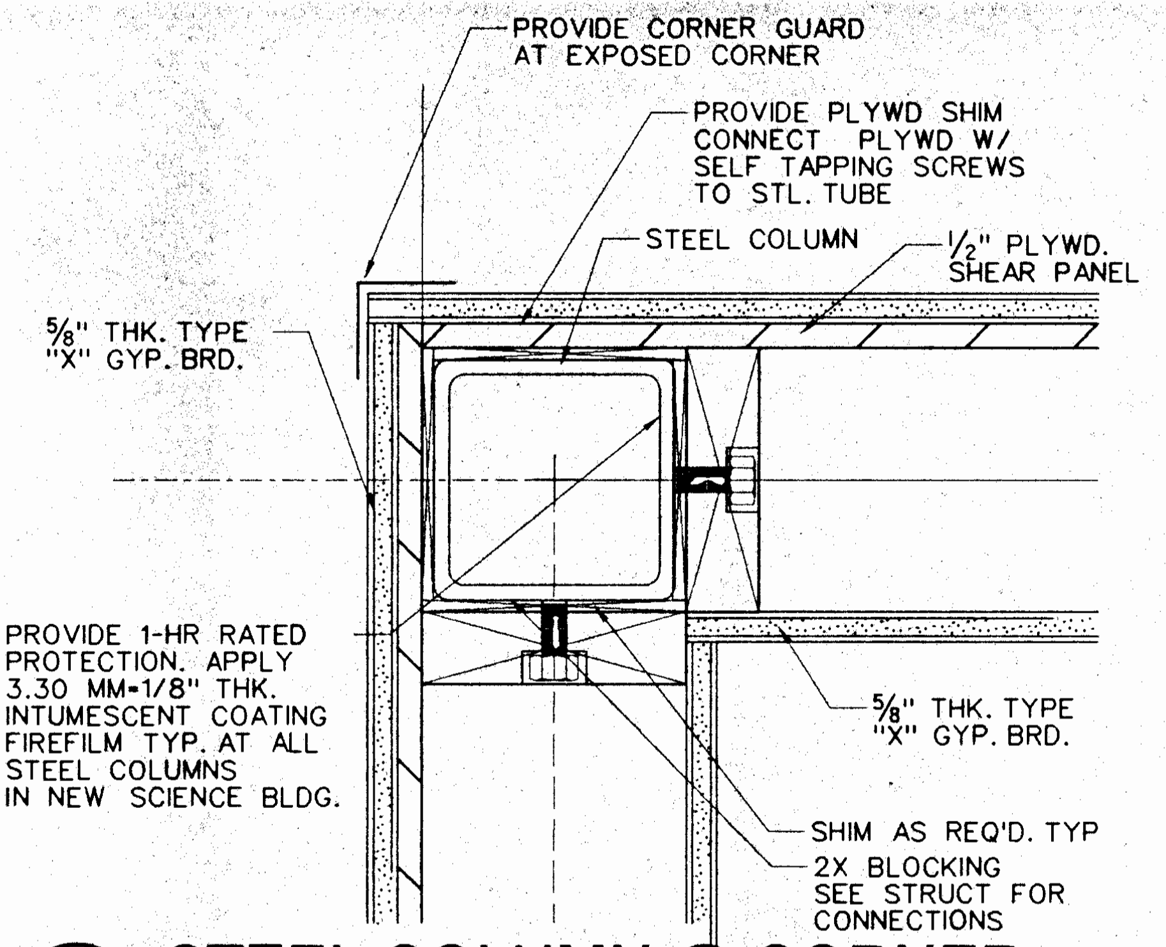
LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS ___ SS ___
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	T-301
BINDING ORDER	38 of 82

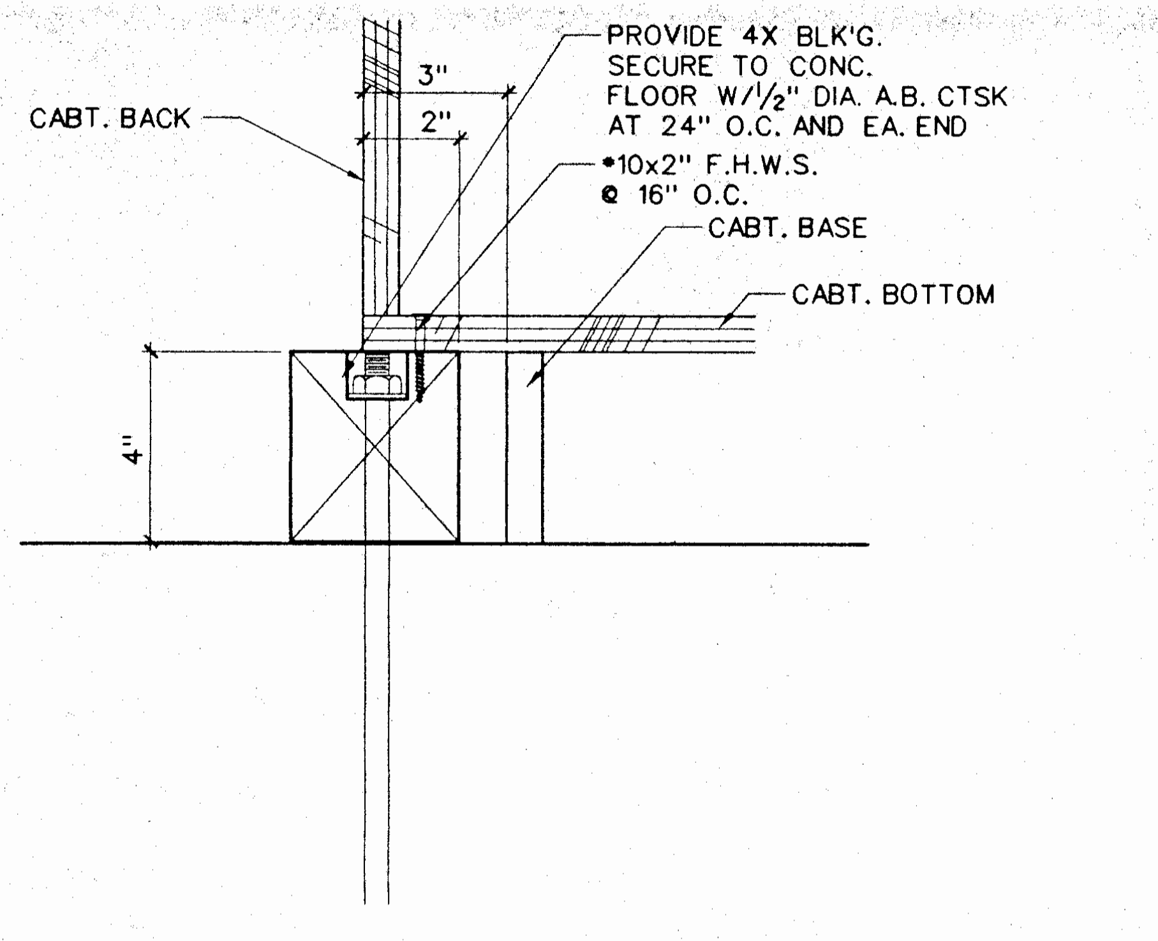
d:\grossmont\9822-1\t-301.sht Dec. 07, 1999 19:06:32


PROVIDE CORNER GUARD AT EXPOSED CORNER
PROVIDE PLYWD SHIM CONNECT PLYWD W/ SELF TAPPING SCREWS TO STL. TUBE
STEEL COLUMN
1/2" PLYWD. SHEAR PANEL
5/8" THK. TYPE "X" GYP. BRD.
PROVIDE 1-HR RATED PROTECTION. APPLY 3.30 MM-1/8" THK. INTUMESCENT COATING FIREFILM TYP. AT ALL STEEL COLUMNS IN NEW SCIENCE BLDG.
5/8" THK. TYPE "X" GYP. BRD.
SHIM AS REQ'D. TYP
2X BLOCKING SEE STRUCT FOR CONNECTIONS

A1 STEEL COLUMN @ CORNER

3"-1'-0"

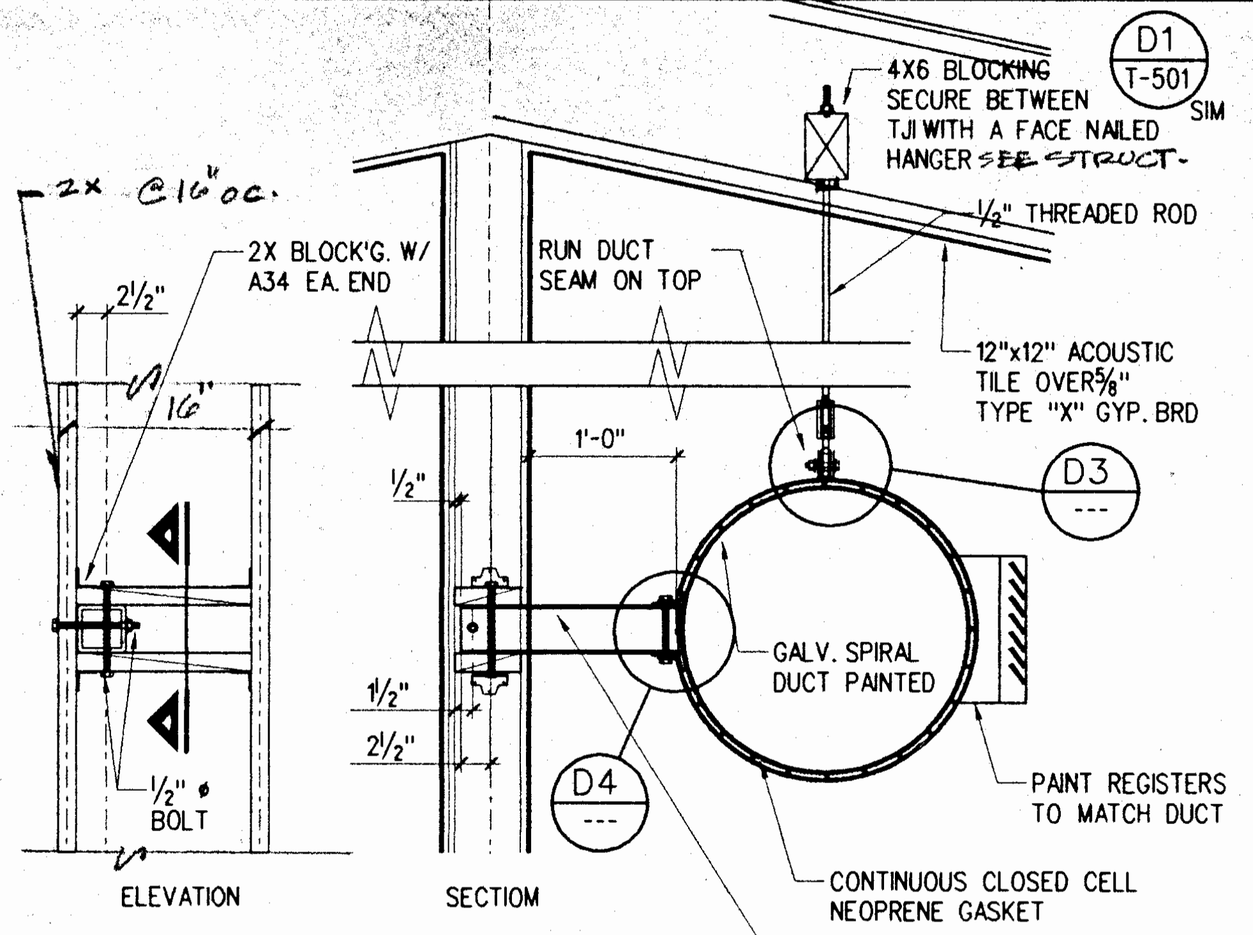
mmdet011.dgn


CABT. BACK
PROVIDE 4X BLK'G. SECURE TO CONC. FLOOR W/1/2" DIA. A.B. CTSK AT 24" O.C. AND EA. END
3"
2"
#10x2" F.H.W.S. @ 16" O.C.
CABT. BASE
CABT. BOTTOM
4"

A2 ANCHORAGE @ BACK OF CAB'T.

3"-1'-0"

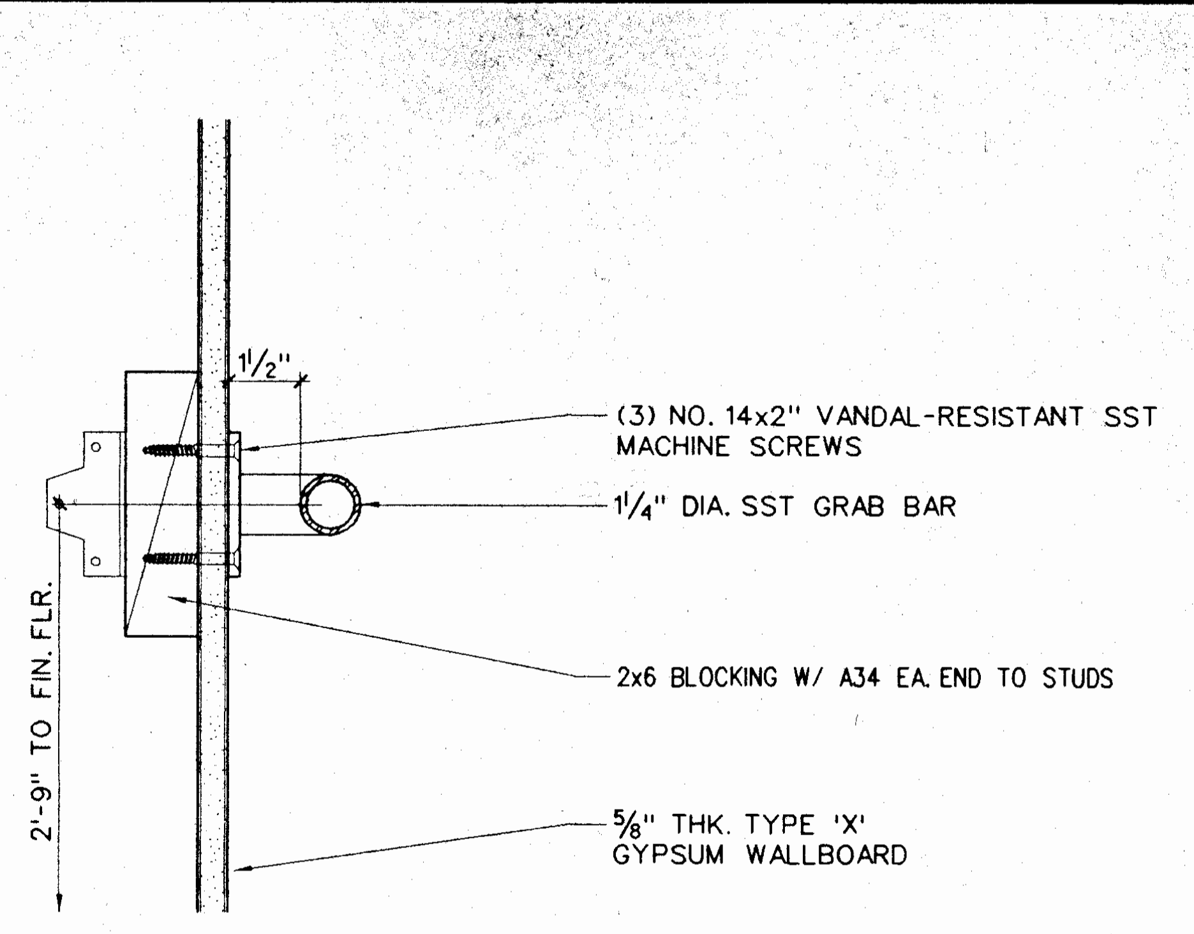
064-097b .dgn


2x @16" oc.
2X BLOCK'G. W/ A34 EA. END
2 1/2"
16"
RUN DUCT SEAM ON TOP
4X6 BLOCKING SECURE BETWEEN TJI WITH A FACE NAILED HANGER SEE STRUCT.
D1 T-501 SIM
1/2" THREADED ROD
12"x12" ACOUSTIC TILE OVER 5/8" TYPE "X" GYP. BRD
1'-0"
1/2"
D3 ---
1 1/2"
2 1/2"
1/2" ø BOLT
GALV. SPIRAL DUCT PAINTED
D4 ---
PAINT REGISTERS TO MATCH DUCT
CONTINUOUS CLOSED CELL NEOPRENE GASKET
TS 4X4 X3/16
ELEVATION
SECTIOM

A3 EXPOSED DUCT

3/4 "-1'-0"

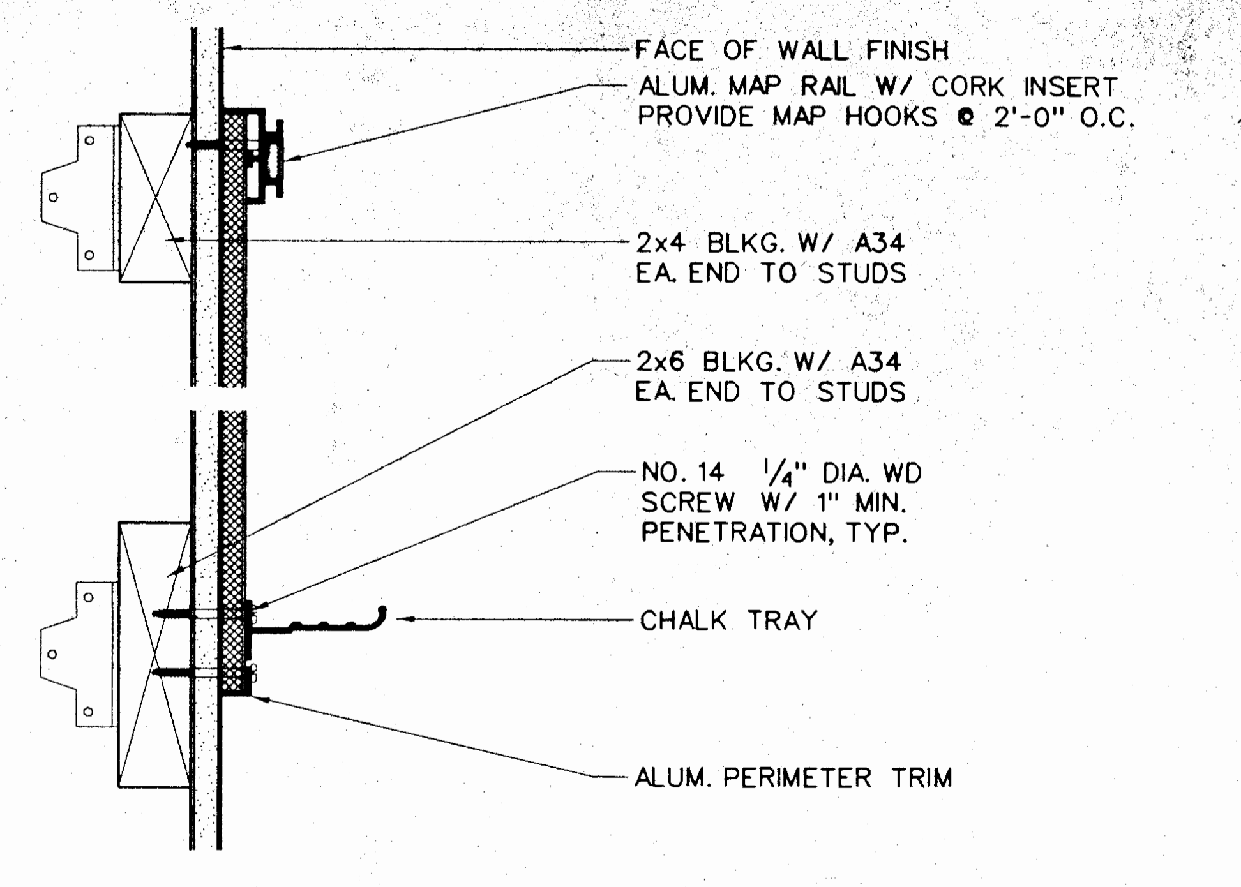
duct01 .dgn


1 1/2"
(3) NO. 14x2" VANDAL-RESISTANT SST MACHINE SCREWS
1 1/4" DIA. SST GRAB BAR
2x6 BLOCKING W/ A34 EA. END TO STUDS
2'-9" TO FIN. FLR.
5/8" THK. TYPE 'X' GYPSUM WALLBOARD

A4 GRAB BAR MOUNTING

3"-1'-0"

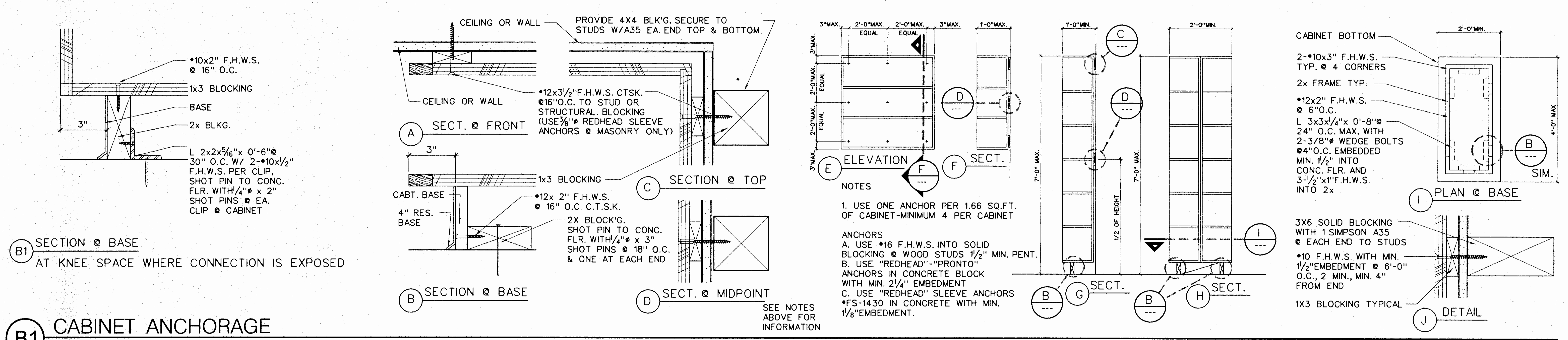
101-008 .dgn


FACE OF WALL FINISH
ALUM. MAP RAIL W/ CORK INSERT PROVIDE MAP HOOKS @ 2'-0" O.C.
2x4 BLKG. W/ A34 EA. END TO STUDS
2x6 BLKG. W/ A34 EA. END TO STUDS
NO. 14 1/4" DIA. WD SCREW W/ 1" MIN. PENETRATION, TYP.
CHALK TRAY
ALUM. PERIMETER TRIM

A5 MKRBRD. ANCHORAGE

3"-1'-0"

101-012 .dgn


#10x2" F.H.W.S. @ 16" O.C.
1x3 BLOCKING
BASE
2x BLKG.
3"
L 2x2x5/16"x 0'-6"@ 30" O.C. W/ 2-#10x1/2" F.H.W.S. PER CLIP, SHOT PIN TO CONC. FLR. WITH 1/4"ø x 2" SHOT PINS @ EA. CLIP @ CABINET
B1 SECTION @ BASE
AT KNEE SPACE WHERE CONNECTION IS EXPOSED
CEILING OR WALL
PROVIDE 4X4 BLK'G. SECURE TO STUDS W/A35 EA. END TOP & BOTTOM
CEILING OR WALL
#12x3 1/2"F.H.W.S. CTSK. @16"O.C. TO STUD OR STRUCTURAL BLOCKING (USE 5/8"ø REDHEAD SLEEVE ANCHORS @ MASONRY ONLY)
A SECT. @ FRONT
C SECTION @ TOP
3"
1x3 BLOCKING
CABT. BASE
4" RES. BASE
#12x 2" F.H.W.S. @ 16" O.C. C.T.S.K.
2X BLOCK'G. SHOT PIN TO CONC. FLR. WITH 1/4"ø x 3" SHOT PINS @ 18" O.C. & ONE AT EACH END
B SECTION @ BASE
D SECT. @ MIDPOINT
SEE NOTES ABOVE FOR INFORMATION
3"MAX.
2'-0"MAX. EQUAL
2'-0"MAX. EQUAL
3"MAX.
1'-0"MAX.
D ---
E ELEVATION
F ---
F SECT.
1'-0"MIN.
2'-0"MIN.
C ---
D ---
7'-0" MAX.
1/2 OF HEIGHT
I ---
B ---
G SECT.
B ---
H SECT.
CABINET BOTTOM
2-#10x3" F.H.W.S. TYP. @ 4 CORNERS
2x FRAME TYP.
#12x2" F.H.W.S. @ 6"O.C.
L 3x3x1/4"x 0'-8"@ 24" O.C. MAX. WITH 2-3/8"ø WEDGE BOLTS @4"O.C. EMBEDDED MIN. 1 1/2" INTO CONC. FLR. AND 3-1/2"x1"F.H.W.S. INTO 2x
2'-0"MIN.
4'-0" MAX.
B --- SIM.
I PLAN @ BASE
3X6 SOLID BLOCKING WITH 1 SIMPSON A35 @ EACH END TO STUDS
#10 F.H.W.S. WITH MIN. 1 1/2"EMBEDMENT @ 6'-0" O.C., 2 MIN., MIN. 4" FROM END
1X3 BLOCKING TYPICAL
J DETAIL

NOTES

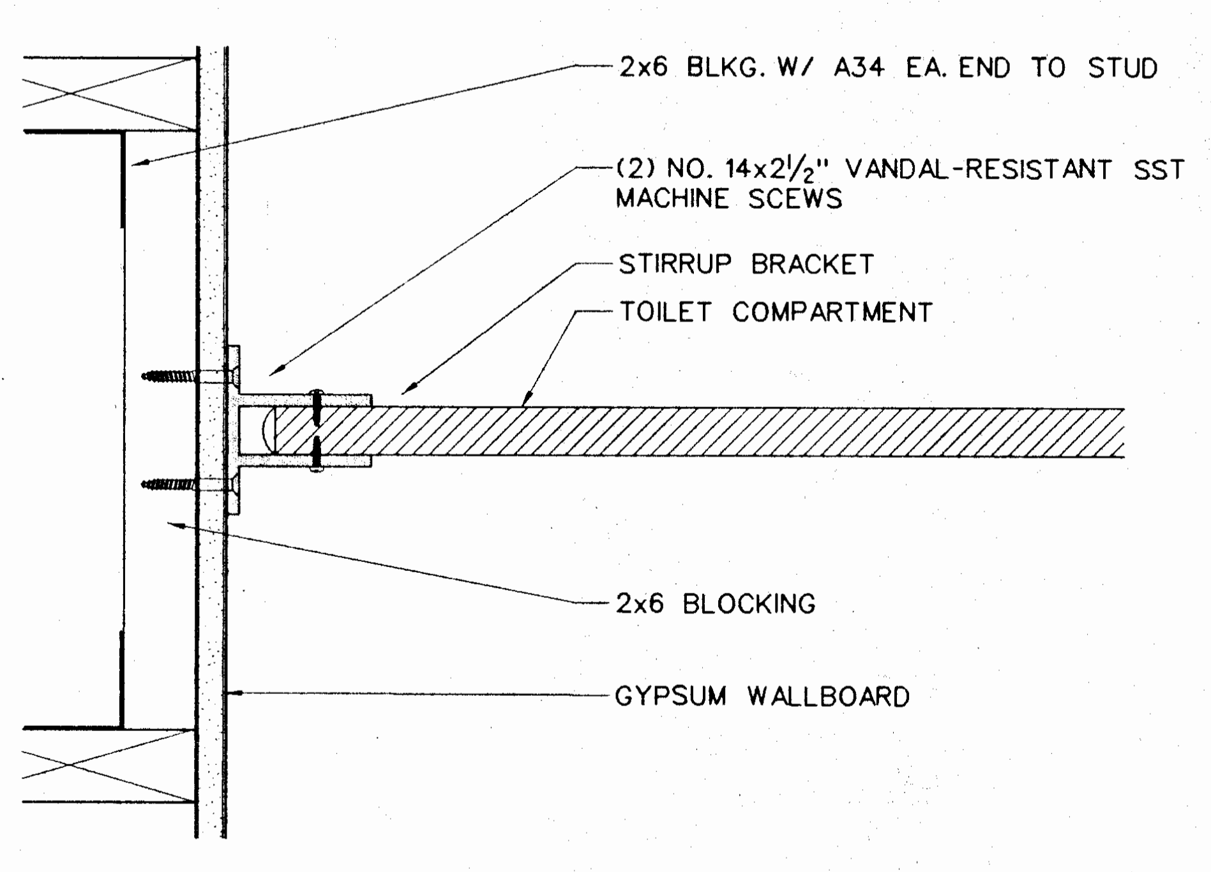
1. USE ONE ANCHOR PER 1.66 SQ.FT. OF CABINET-MINIMUM 4 PER CABINET

ANCHORS
A. USE #16 F.H.W.S. INTO SOLID BLOCKING @ WOOD STUDS 1 1/2" MIN. PENT.
B. USE "REDHEAD"-"PRONTO" ANCHORS IN CONCRETE BLOCK WITH MIN. 2 1/4" EMBEDMENT
C. USE "REDHEAD" SLEEVE ANCHORS #FS-1430 IN CONCRETE WITH MIN. 1 1/8"EMBEDMENT.

B1 CABINET ANCHORAGE

VARIES

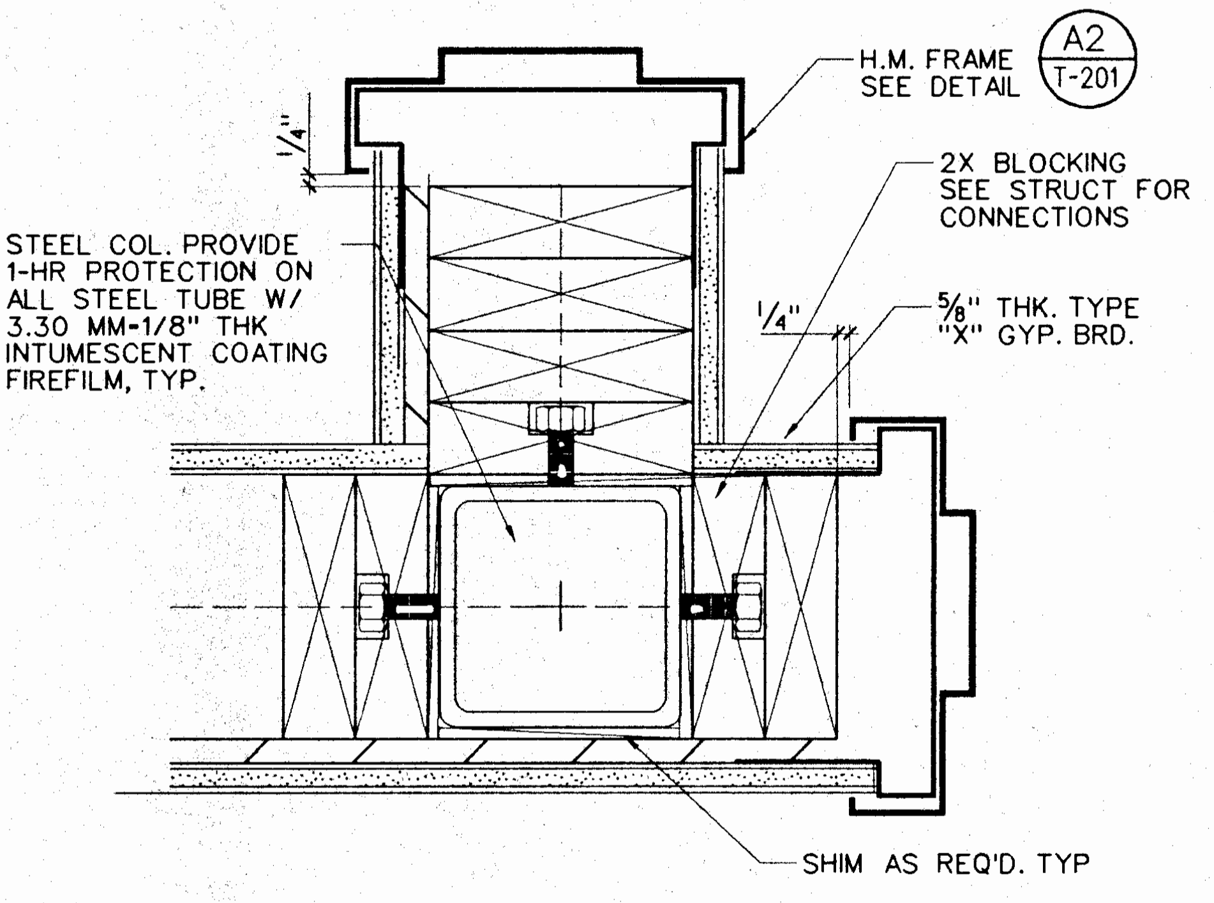
064-097 .dgn


2x6 BLKG. W/ A34 EA. END TO STUD
(2) NO. 14x2 1/2" VANDAL-RESISTANT SST MACHINE SCEWS
STIRRUP BRACKET
TOILET COMPARTMENT
2x6 BLOCKING
GYPSUM WALLBOARD

B5 TOILET PARTITION ANCHORAGE

3"-1'-0"

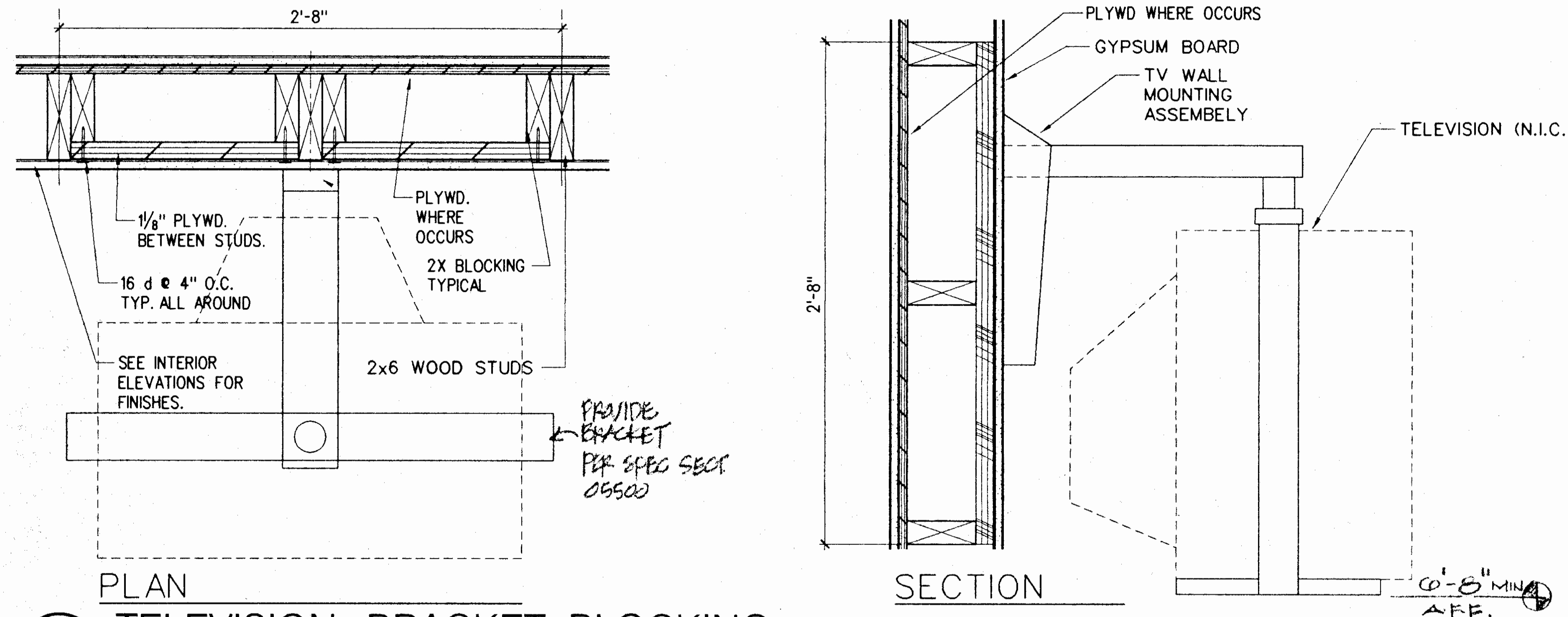
101-010 .dgn


H.M. FRAME SEE DETAIL
A2 T-201
1/4"
2X BLOCKING SEE STRUCT FOR CONNECTIONS
STEEL COL. PROVIDE 1-HR PROTECTION ON ALL STEEL TUBE W/ 3.30 MM-1/8" THK INTUMESCENT COATING FIREFILM, TYP.
1/4"
5/8" THK. TYPE "X" GYP. BRD.
SHIM AS REQ'D. TYP

C1 JAMB DETAIL

3"-1'-0"

mmdet012.dgn

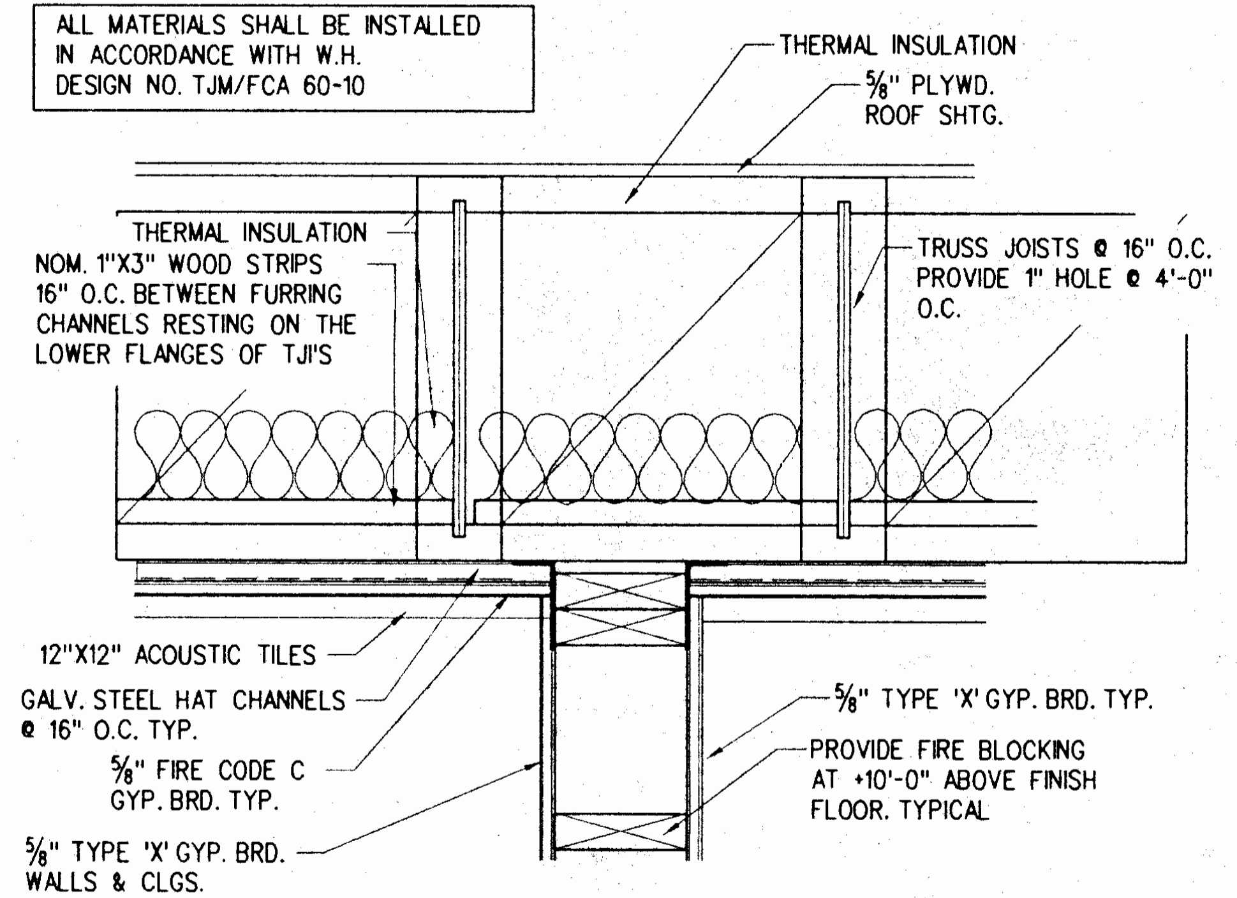

2'-8"
1 1/8" PLYWD. BETWEEN STUDS.
16 d @ 4" O.C. TYP. ALL AROUND
PLYWD. WHERE OCCURS
2X BLOCKING TYPICAL
SEE INTERIOR ELEVATIONS FOR FINISHES.
2x6 WOOD STUDS
PROVIDE BRACKET PER SPEC SECT 05500
PLAN
PLYWD WHERE OCCURS
GYPSUM BOARD
TV WALL MOUNTING ASSEMBLY
TELEVISION (N.I.C.)
2'-8"
6'-8" MIN A.F.F.
SECTION

C2 TELEVISION BRACKET BLOCKING

1/2"-1'-0"

061-028 .dgn

ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH W.H. DESIGN NO. TJM/FCA 60-10

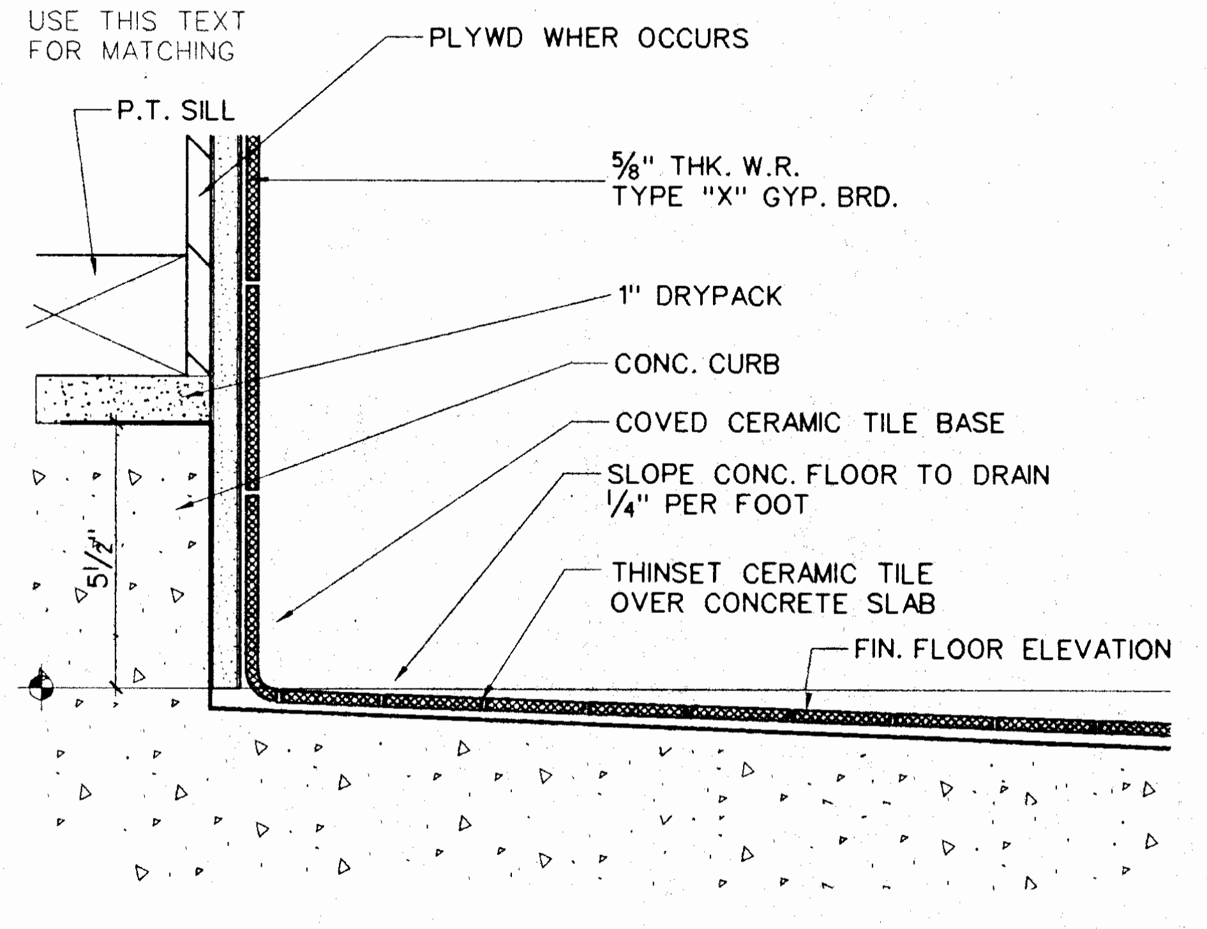

THERMAL INSULATION
5/8" PLYWD. ROOF SHTG.
THERMAL INSULATION
NOM. 1"X3" WOOD STRIPS 16" O.C. BETWEEN FURRING CHANNELS RESTING ON THE LOWER FLANGES OF TJI'S
TRUSS JOISTS @ 16" O.C. PROVIDE 1" HOLE @ 4'-0" O.C.
12"X12" ACOUSTIC TILES
GALV. STEEL HAT CHANNELS @ 16" O.C. TYP.
5/8" FIRE CODE C GYP. BRD. TYP.
5/8" TYPE 'X' GYP. BRD. WALLS & CLGS.
5/8" TYPE 'X' GYP. BRD. TYP.
PROVIDE FIRE BLOCKING AT +10'-0" ABOVE FINISH FLOOR. TYPICAL

C4 WALLS PARALLEL TO TJI'S-TYP. FIRE BLOCK'G. & 1-HR ASSEMBLY

1 1/2"-1'-0"

MHOET065.dgn

USE THIS TEXT FOR MATCHING

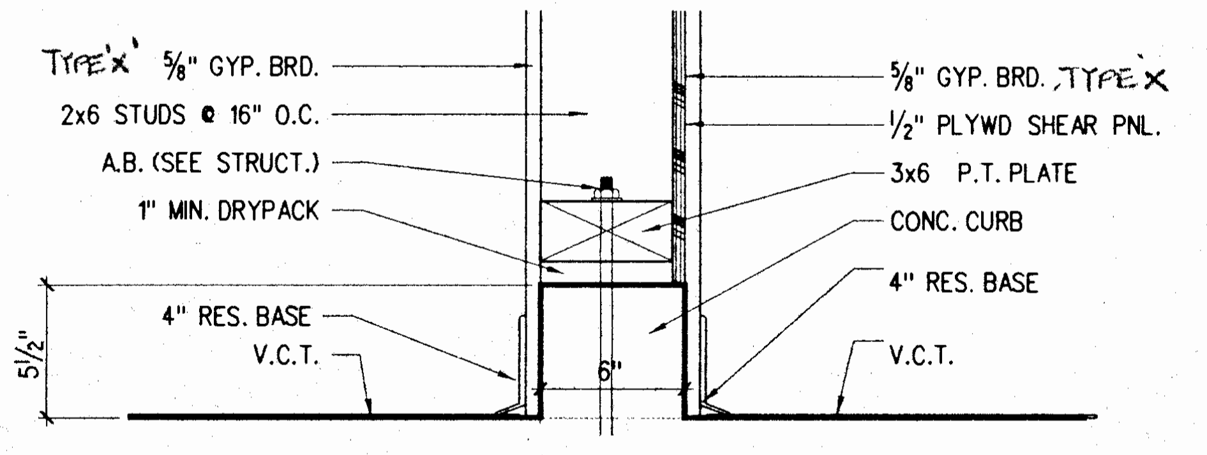

PLYWD WHER OCCURS
P.T. SILL
5/8" THK. W.R. TYPE "X" GYP. BRD.
1" DRYPACK
CONC. CURB
COVED CERAMIC TILE BASE
SLOPE CONC. FLOOR TO DRAIN 1/4" PER FOOT
THINSET CERAMIC TILE OVER CONCRETE SLAB
FIN. FLOOR ELEVATION
5 1/2"

C5 CERAMIC TILE BASE

3"-1'-0"

MHDET150.dgn

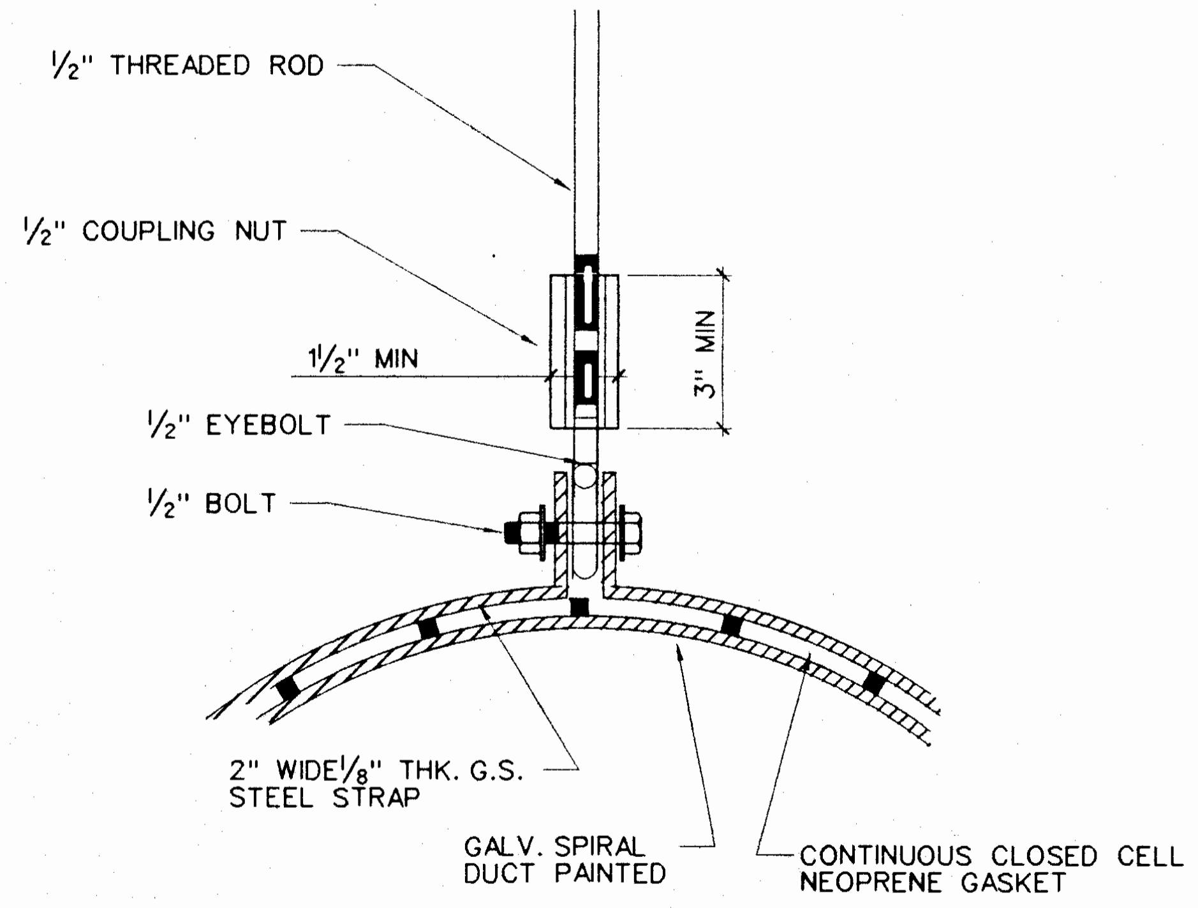
D1



D2 CURB @ WALL

1 1/2"-1'-0"

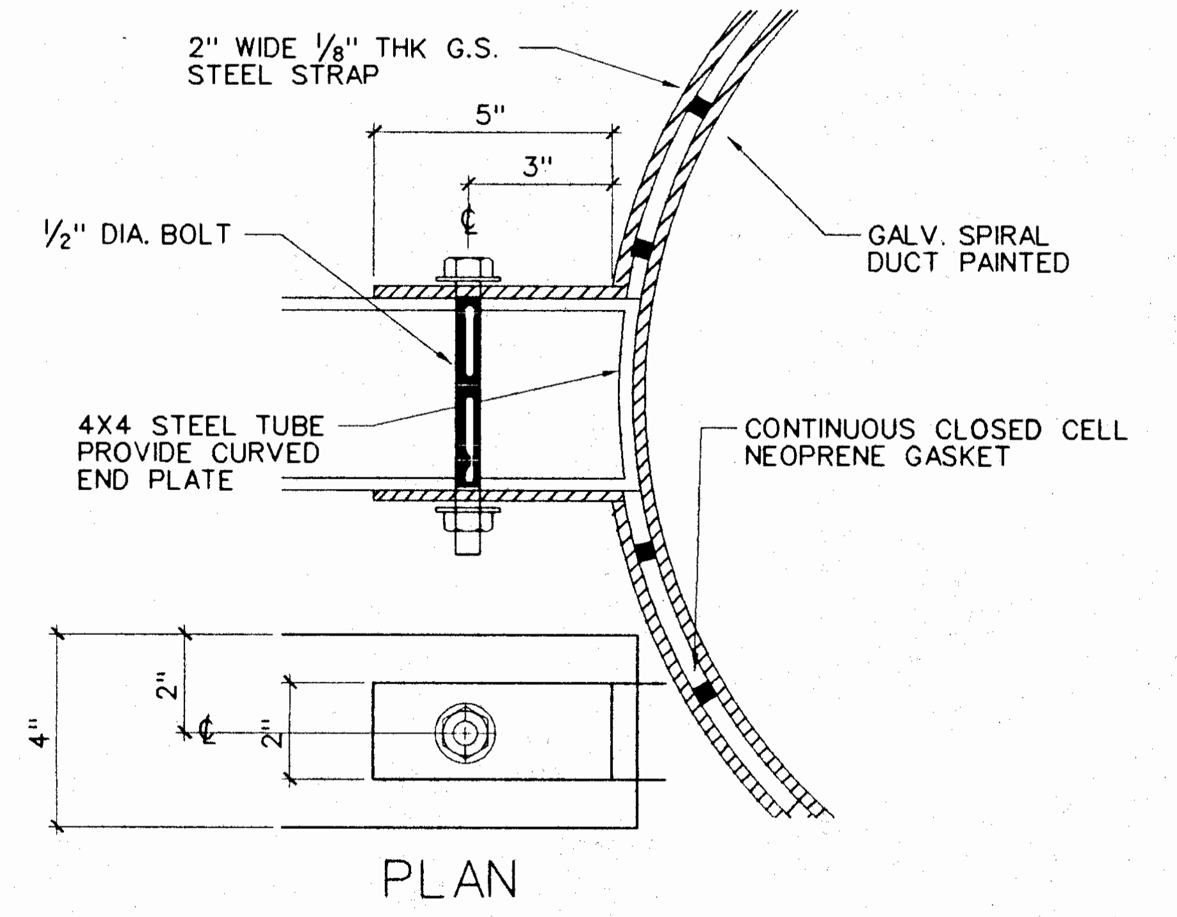
MMDET083a.dgn


1/2" THREADED ROD
1/2" COUPLING NUT
3" MIN
1/2" MIN
1/2" EYEBOLT
1/2" BOLT
2" WIDE 1/8" THK. G.S. STEEL STRAP
GALV. SPIRAL DUCT PAINTED
CONTINUOUS CLOSED CELL NEOPRENE GASKET

D3 DUCT HANGER DETAIL

3"-1'-0"

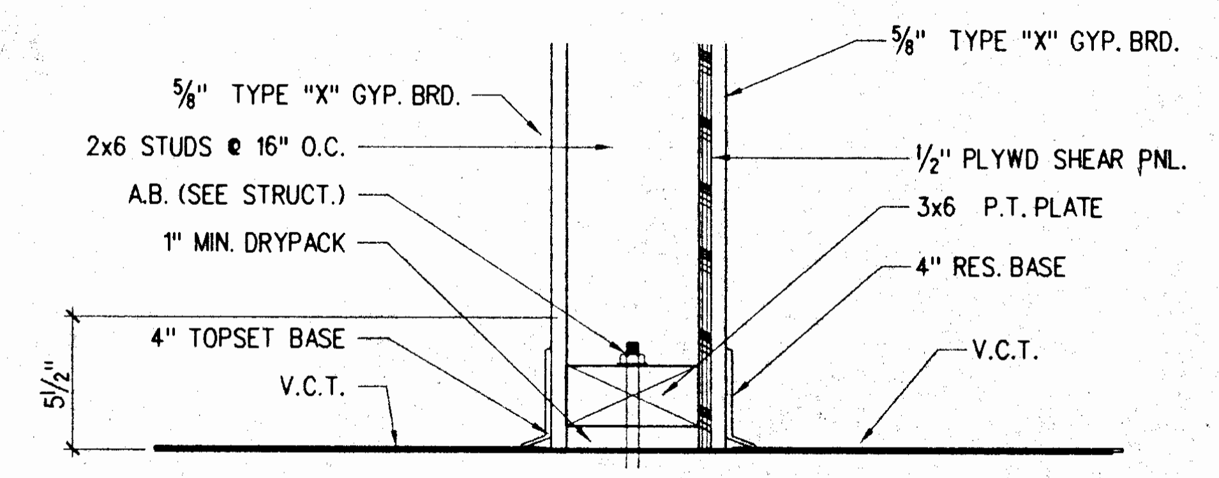
DUCT03 .dgn


2" WIDE 1/8" THK G.S. STEEL STRAP
5"
3"
1/2" DIA. BOLT
GALV. SPIRAL DUCT PAINTED
4X4 STEEL TUBE PROVIDE CURVED END PLATE
CONTINUOUS CLOSED CELL NEOPRENE GASKET
2"
2"
4"
PLAN

D4 DUCT HANGER DETAIL

3"-1'-0"

DET CODE.dgn



D5 CURB @ WALL

1 1/2"-1'-0"

MMDET083.dgn

INTERIOR DETAILS

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

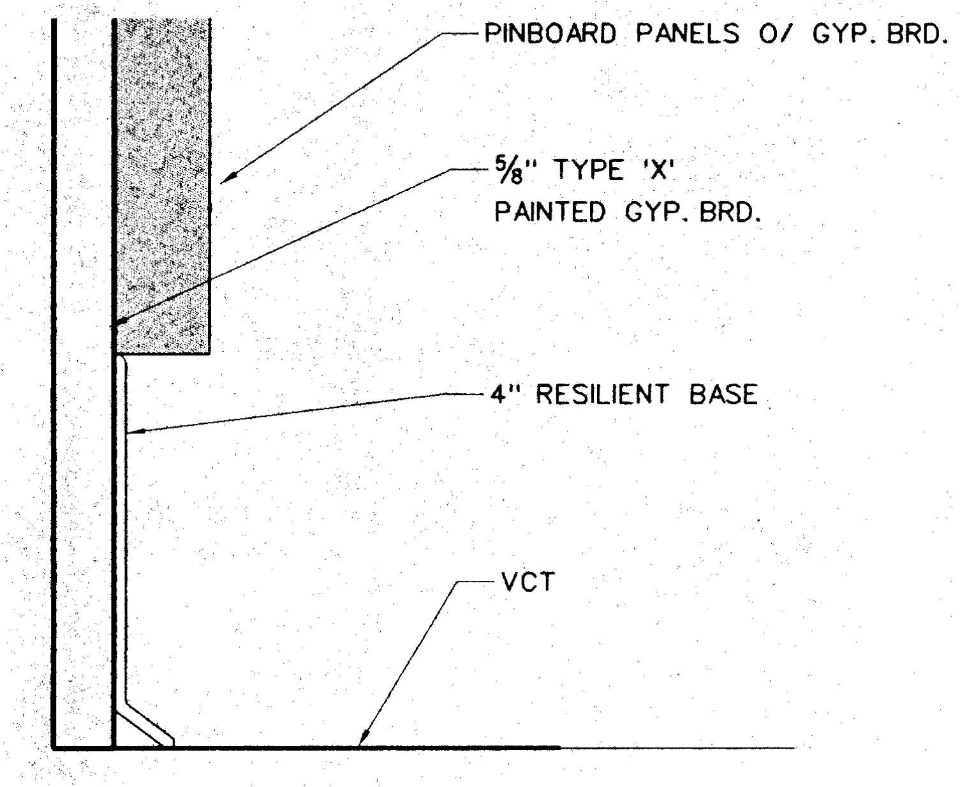
LICENSED ARCHITECT
TAMARA SCHAEFFER
C-20592
11/30/01
RENEWAL DATE
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC Ci FLS 1/2 SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

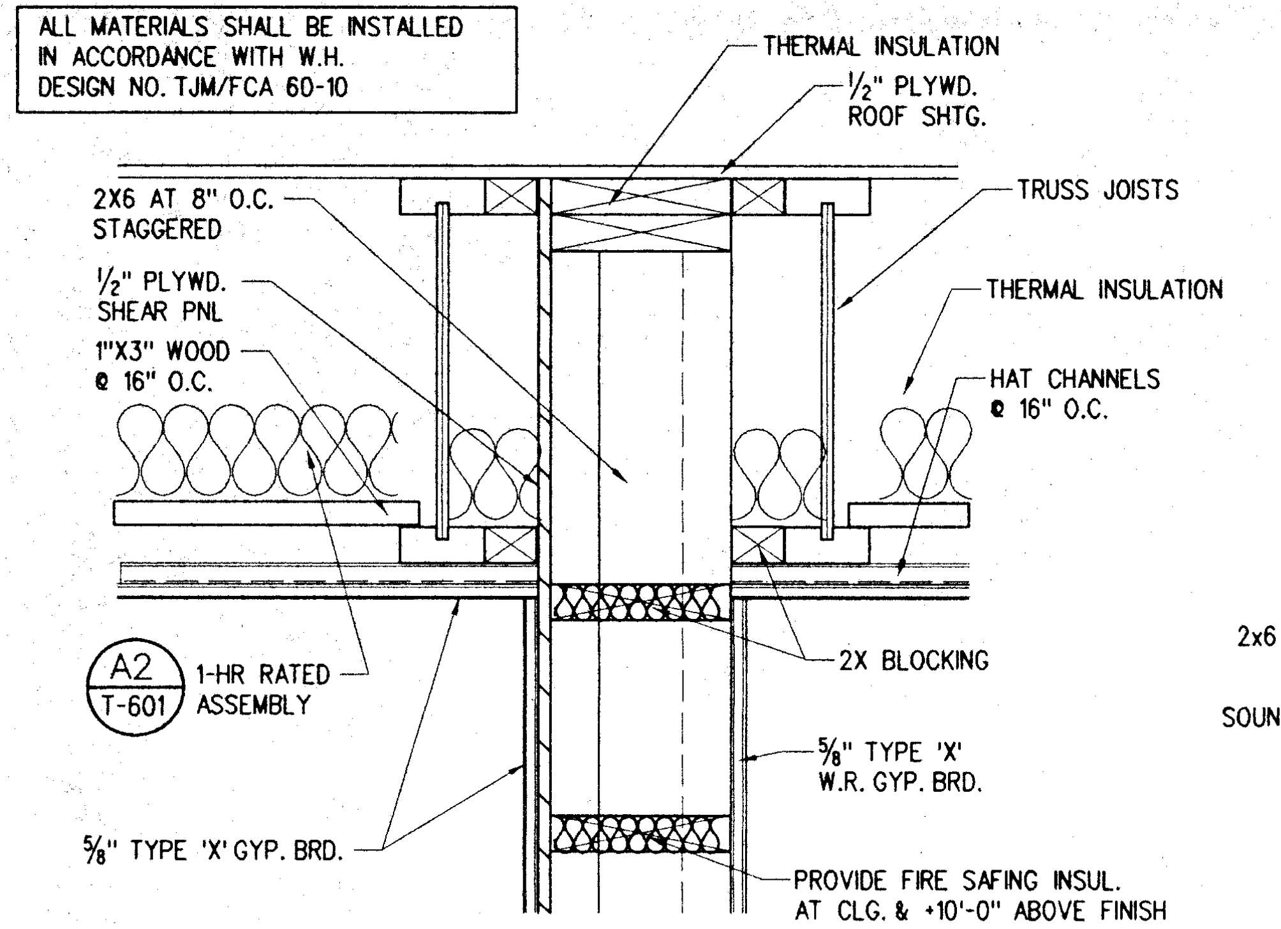
JOB NO.	9822-1
DATE:	12-14-99
SHEET NUMBER	T-401
BINDING ORDER	39 OF 82

q:\grossmont\9822-1\t-401.sht Dec. 07, 1999 13:42:17

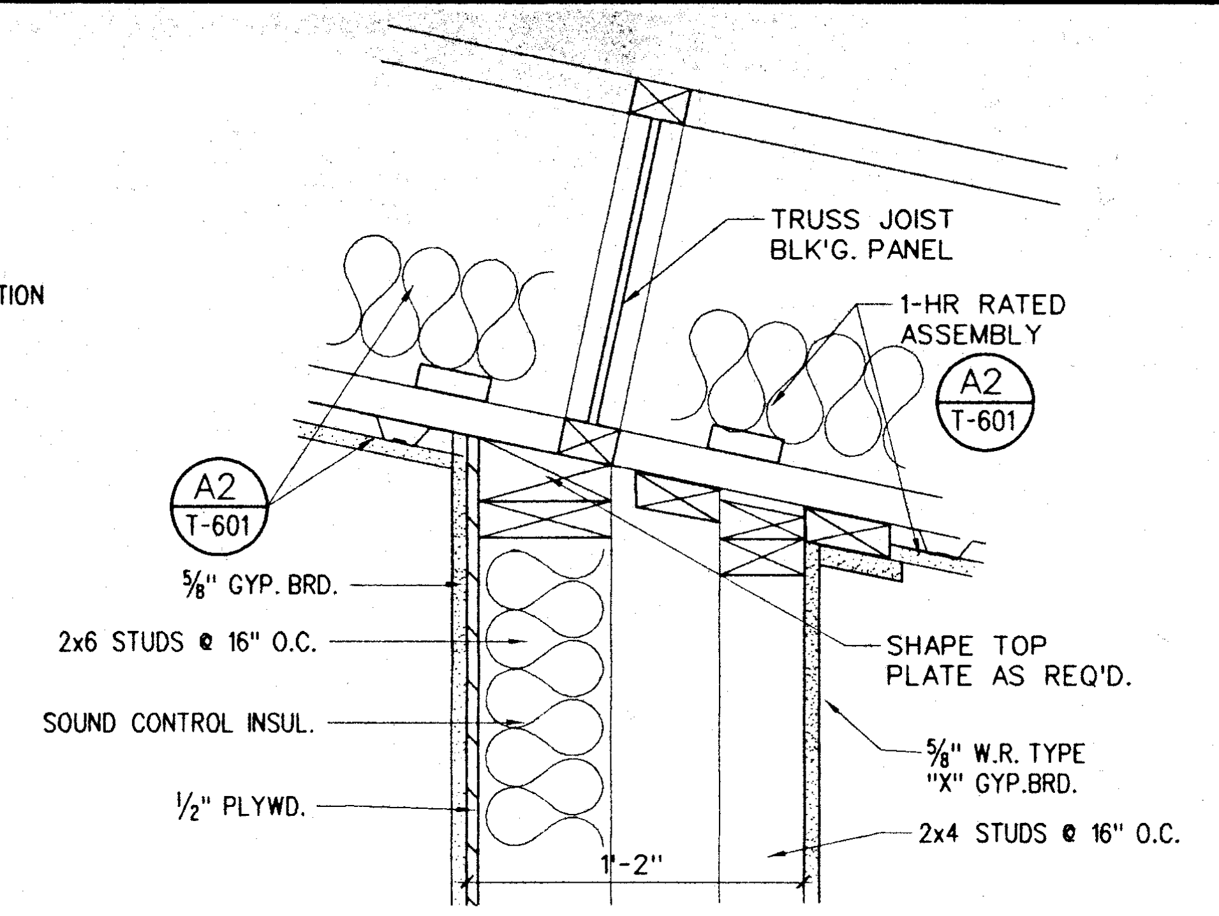


A1 WALL TRIM
HALF SIZE
MHDET058.dgn

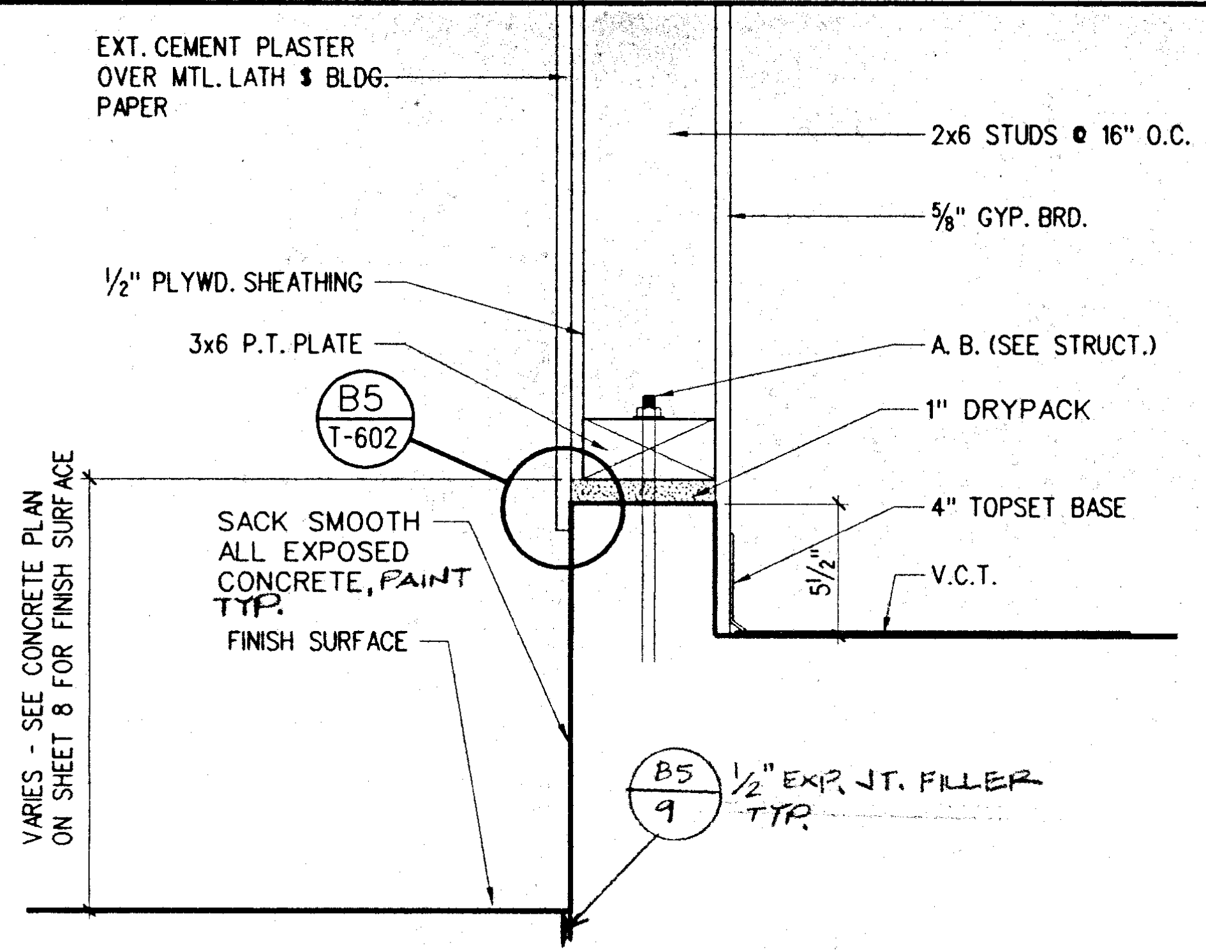
ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH W.H. DESIGN NO. TJM/FCA 60-10



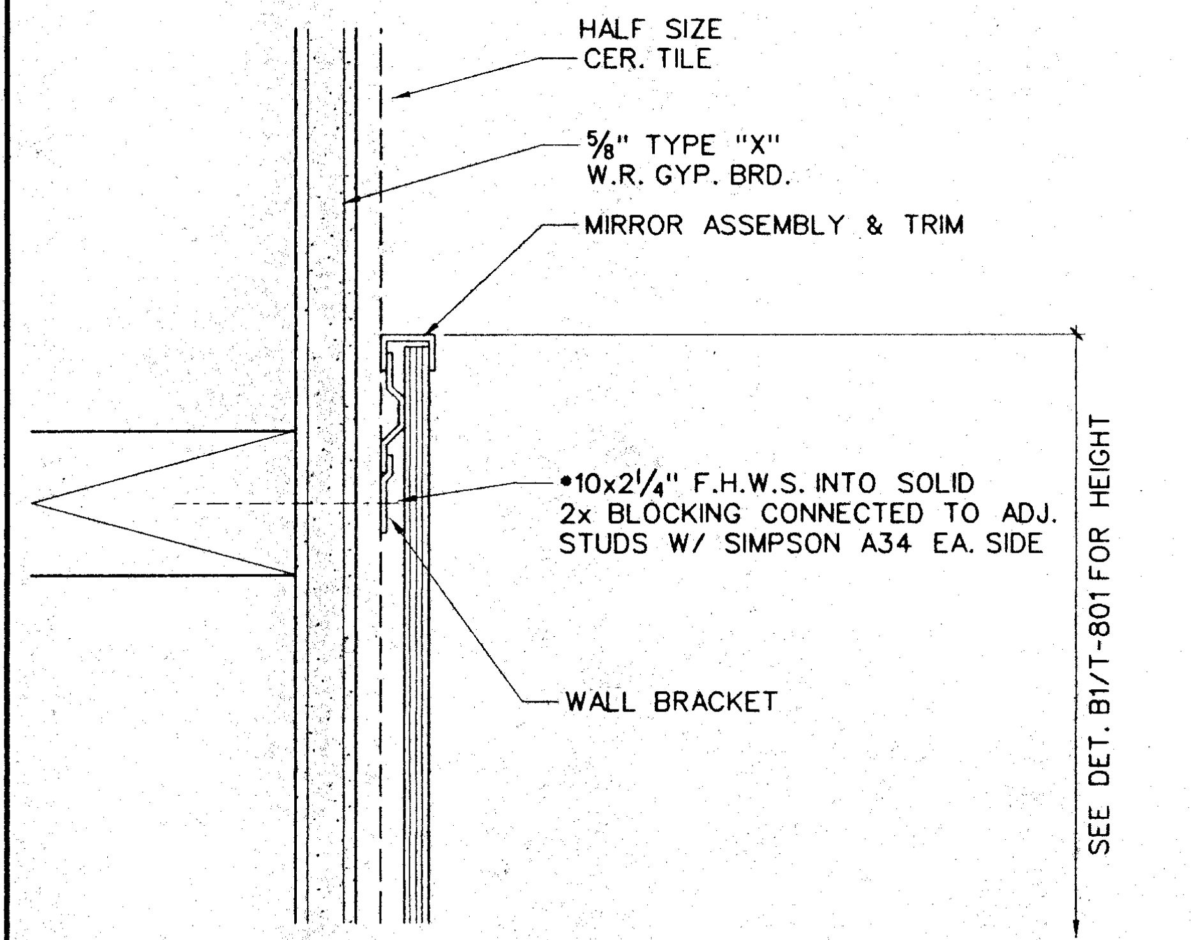
A2 TOILET WALL AT T.J.I.
1½"-1'-0"
MMDET065A.dgn



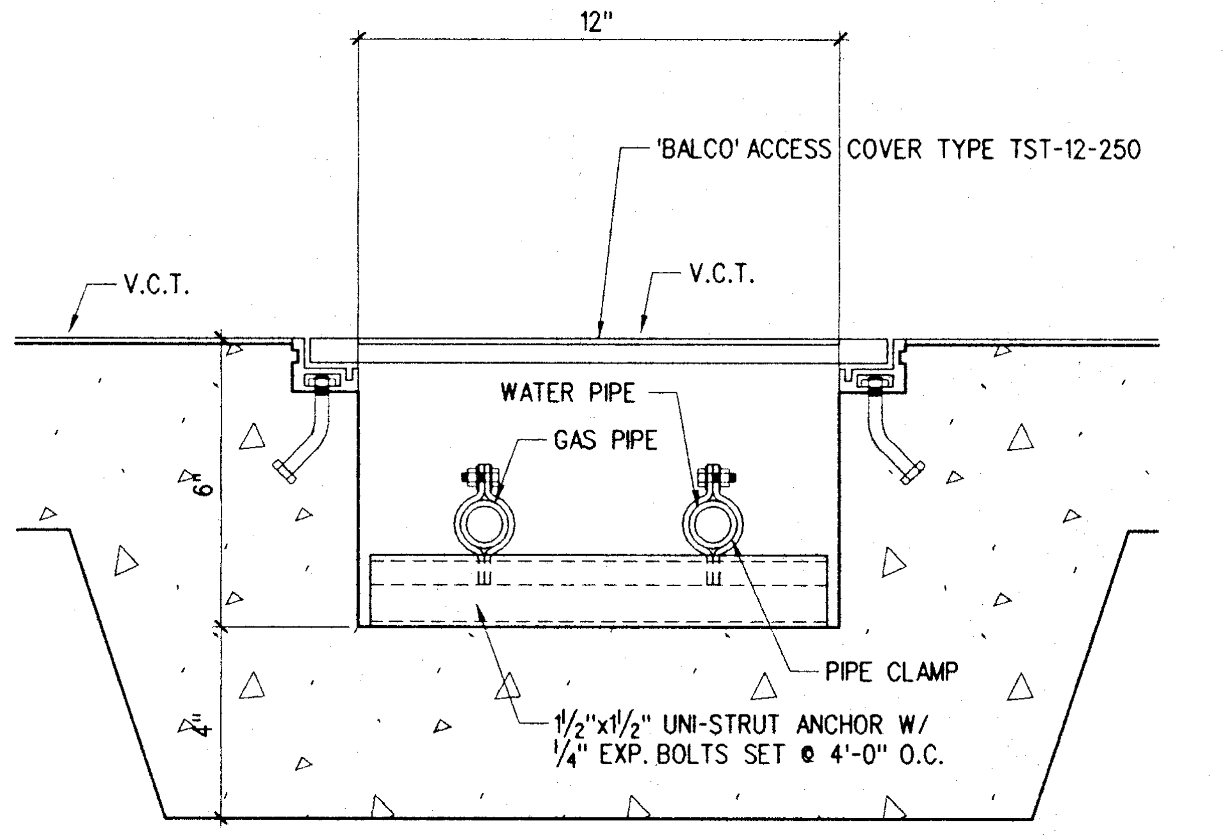
A3 TOILET PLUMBING WALL @ T.J.I.
1½"-1'-0"
CLDET078A.dgn



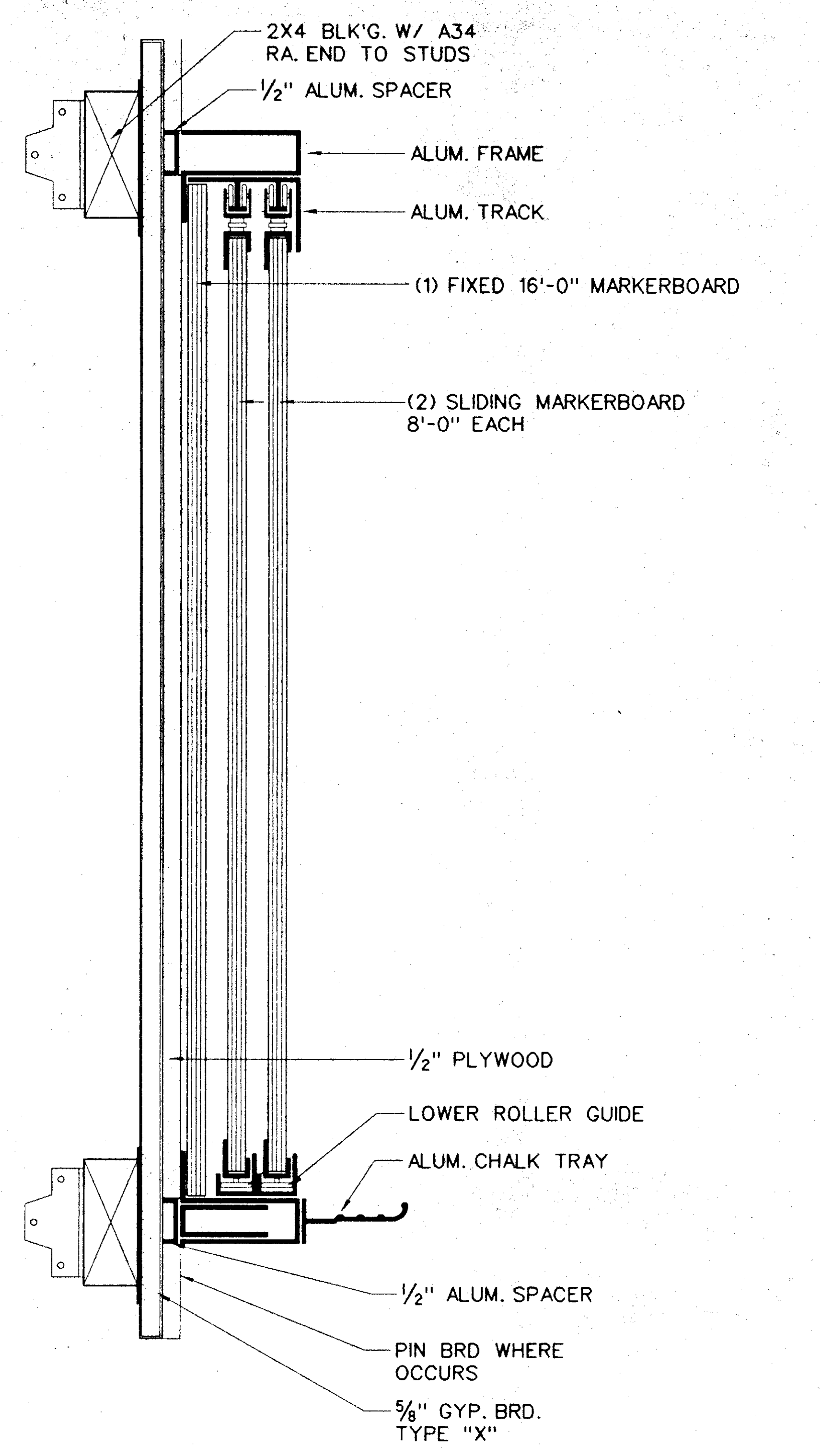
A4 CONC. CURB @ WALK
1½"-1'-0"
MMDET067.dgn


HALF SIZE CER. TILE
⅝" TYPE "X" W.R. GYP. BRD.
MIRROR ASSEMBLY & TRIM
#10x2¼" F.H.W.S. INTO SOLID 2x BLOCKING CONNECTED TO ADJ. STUDS W/ SIMPSON A34 EA. SIDE
WALL BRACKET
SEE DET. B1/T-801 FOR HEIGHT

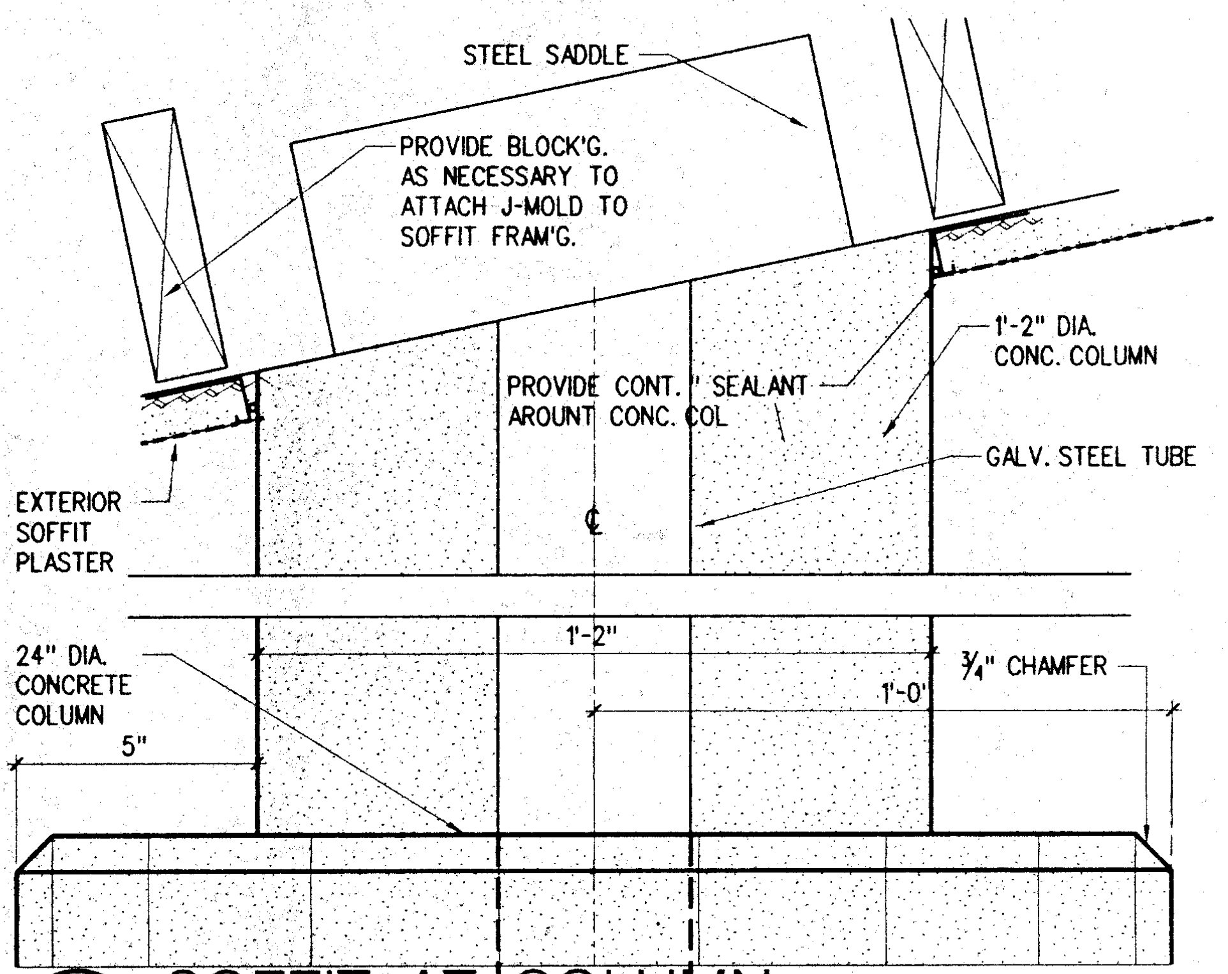
B1 MIRROR TO WALL
3"-1'-0"
BWDET034.dgn


12"
'BALCO' ACCESS COVER TYPE TST-12-250
V.C.T.
V.C.T.
WATER PIPE
GAS PIPE
6"
PIPE CLAMP
1½"x1½" UNI-STRUT ANCHOR W/ ¼" EXP. BOLTS SET @ 4'-0" O.C.

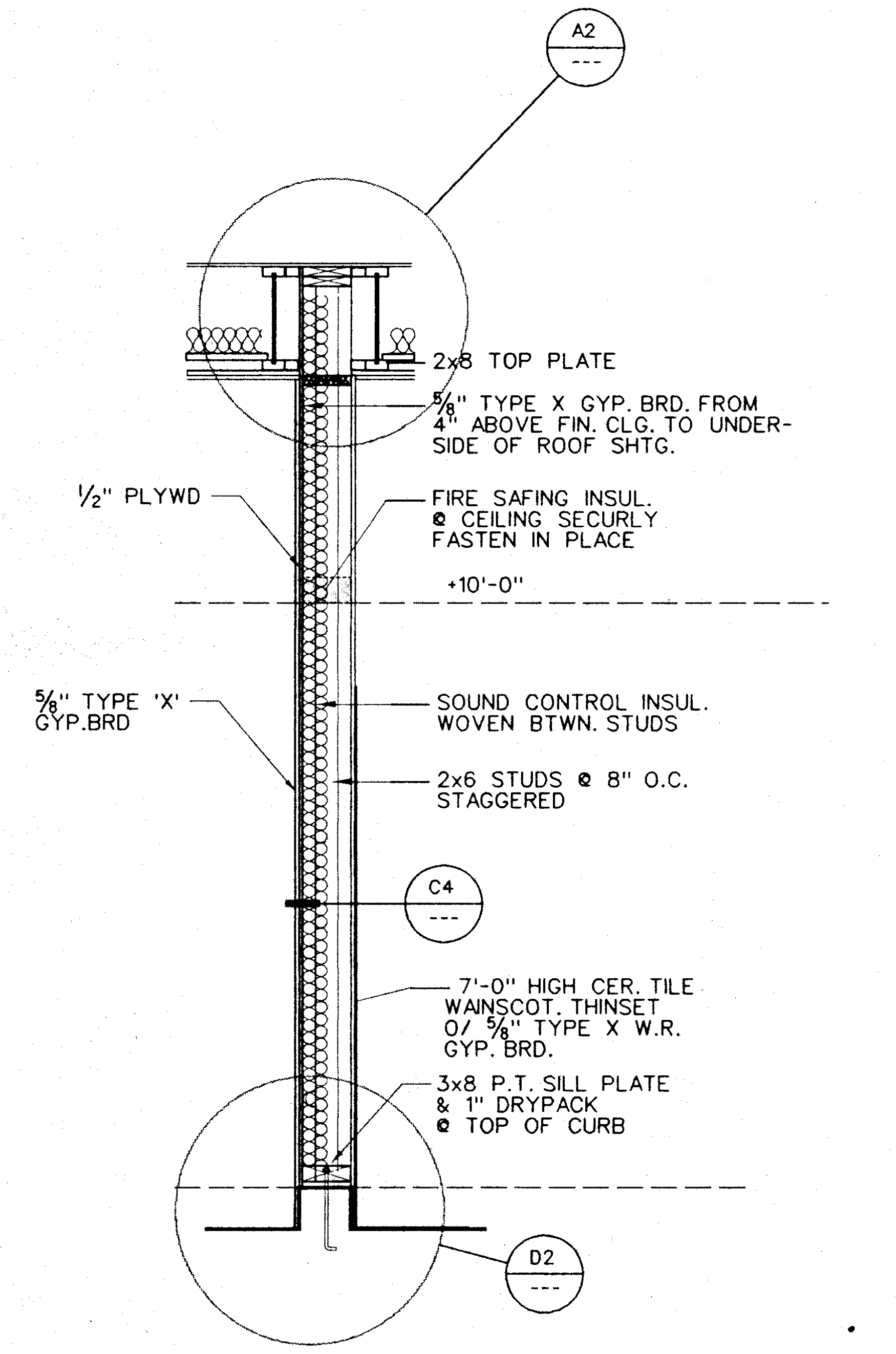
B4 PIPING IN TRENCH
3"-1'-0"
CLARK19 .dgn



B5 SLIDING MARKER BRD.
101-001 .dgn



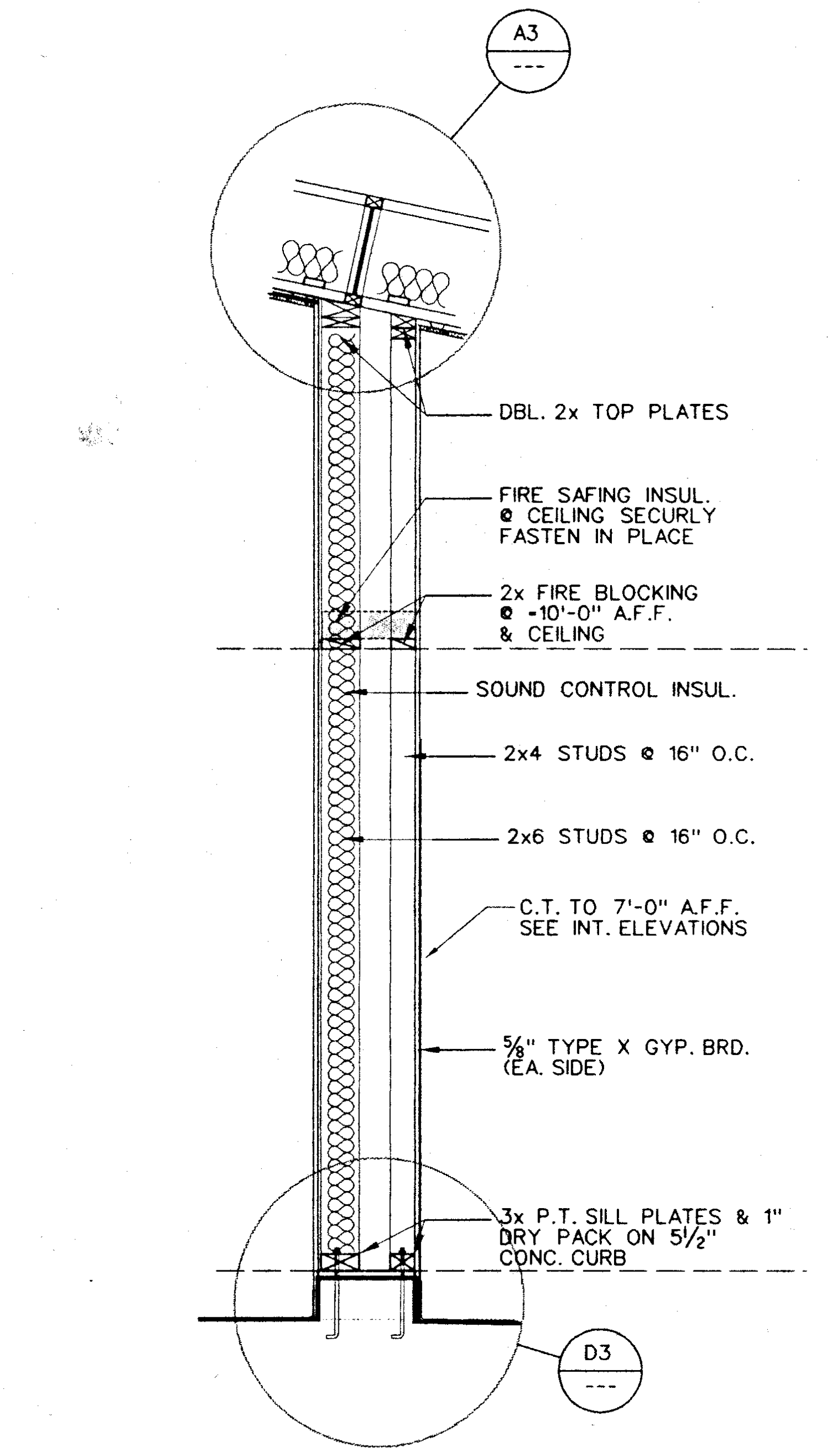
C1 SOFFIT AT COLUMN
3"-1'-0"
9108d299.dgn


A2

2x8 TOP PLATE
⅝" TYPE X GYP. BRD. FROM 4" ABOVE FIN. CLG. TO UNDER-SIDE OF ROOF SHTG.
½" PLYWD
FIRE SAFING INSUL. @ CEILING SECURLY FASTEN IN PLACE
+10'-0"
⅝" TYPE 'X' GYP.BRD
SOUND CONTROL INSUL. WOVEN BTWN. STUDS
2x6 STUDS @ 8" O.C. STAGGERED
C4

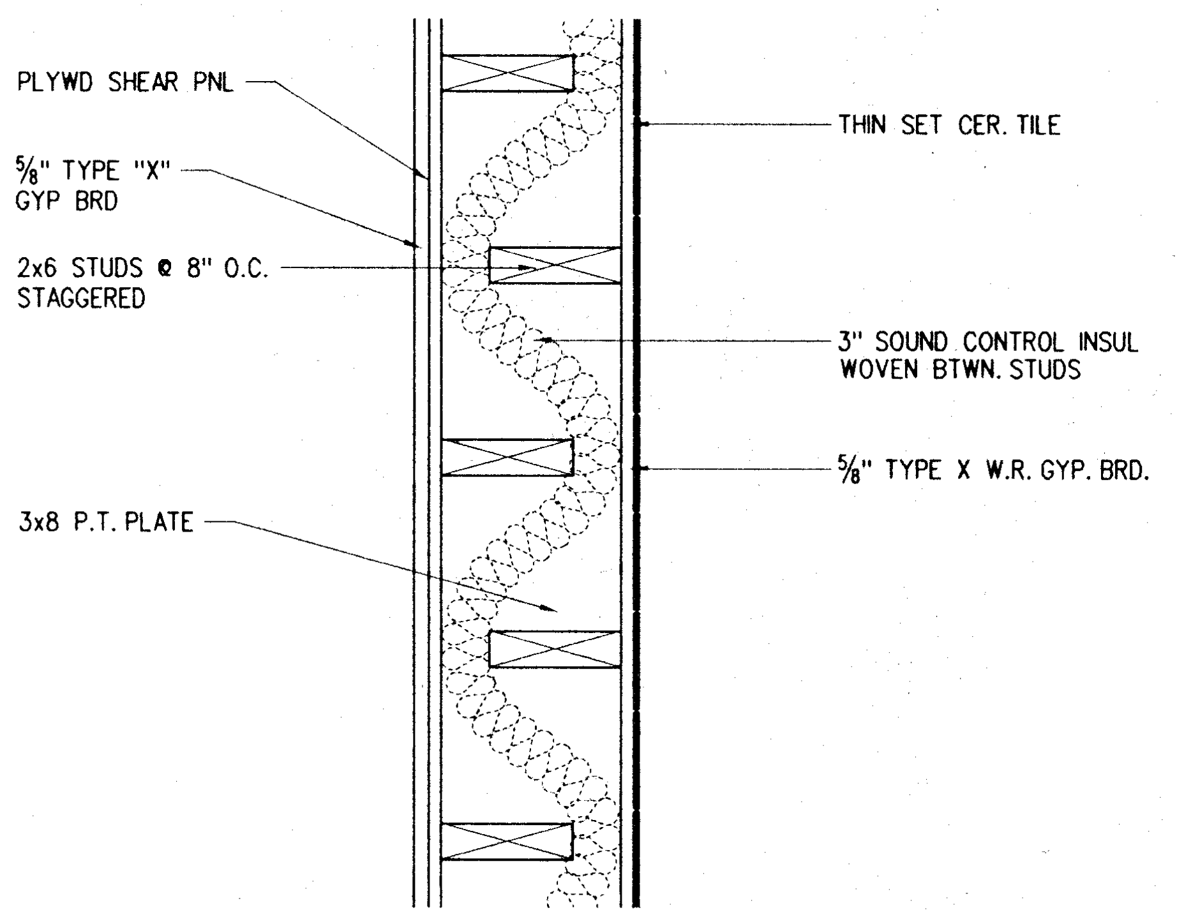
7'-0" HIGH CER. TILE WAINSCOT, THINSET O/ ⅝" TYPE X W.R. GYP. BRD.
3x8 P.T. SILL PLATE & 1" DRYPACK @ TOP OF CURB
D2

C2 WALL @ TOILET
1½"-1'-0"
wall@toilet.dgn


A3

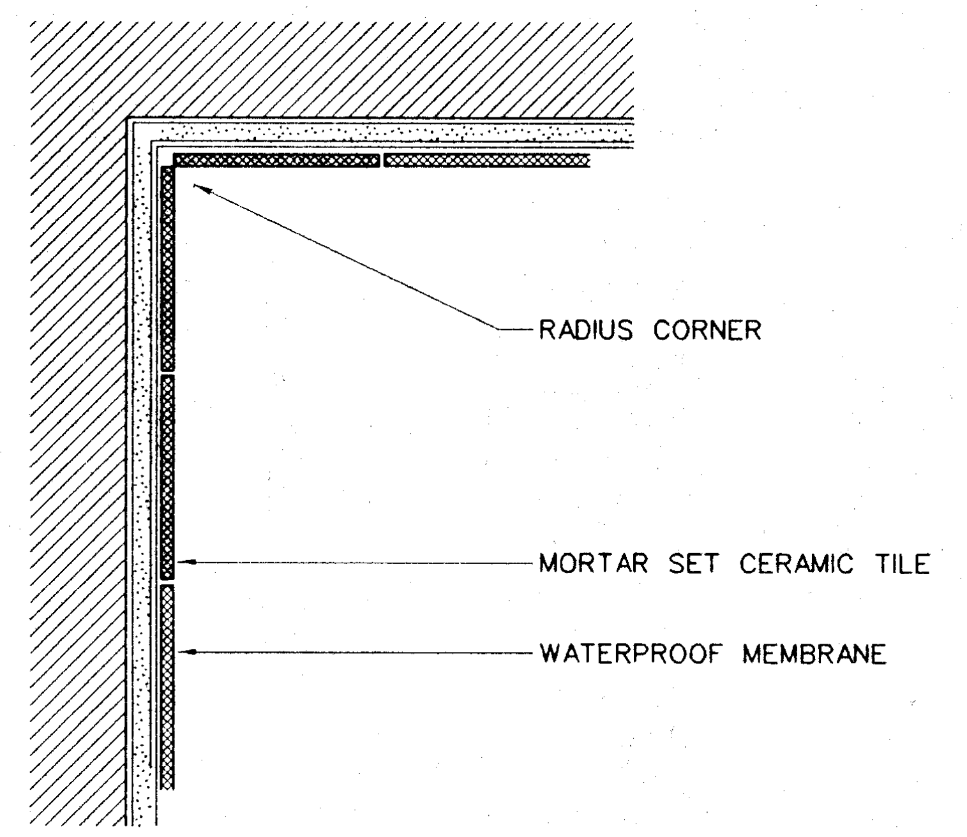
DBL. 2x TOP PLATES
FIRE SAFING INSUL. @ CEILING SECURLY FASTEN IN PLACE
2x FIRE BLOCKING @ +10'-0" A.F.F. & CEILING
SOUND CONTROL INSUL.
2x4 STUDS @ 16" O.C.
2x6 STUDS @ 16" O.C.
C.T. TO 7'-0" A.F.F. SEE INT. ELEVATIONS
⅝" TYPE X GYP. BRD. (EA. SIDE)
3x P.T. SILL PLATES & 1" DRY PACK ON 5½" CONC. CURB
D3

C3 WALL @ TOILET
1½"-1'-0"
wall@toilet01.dgn

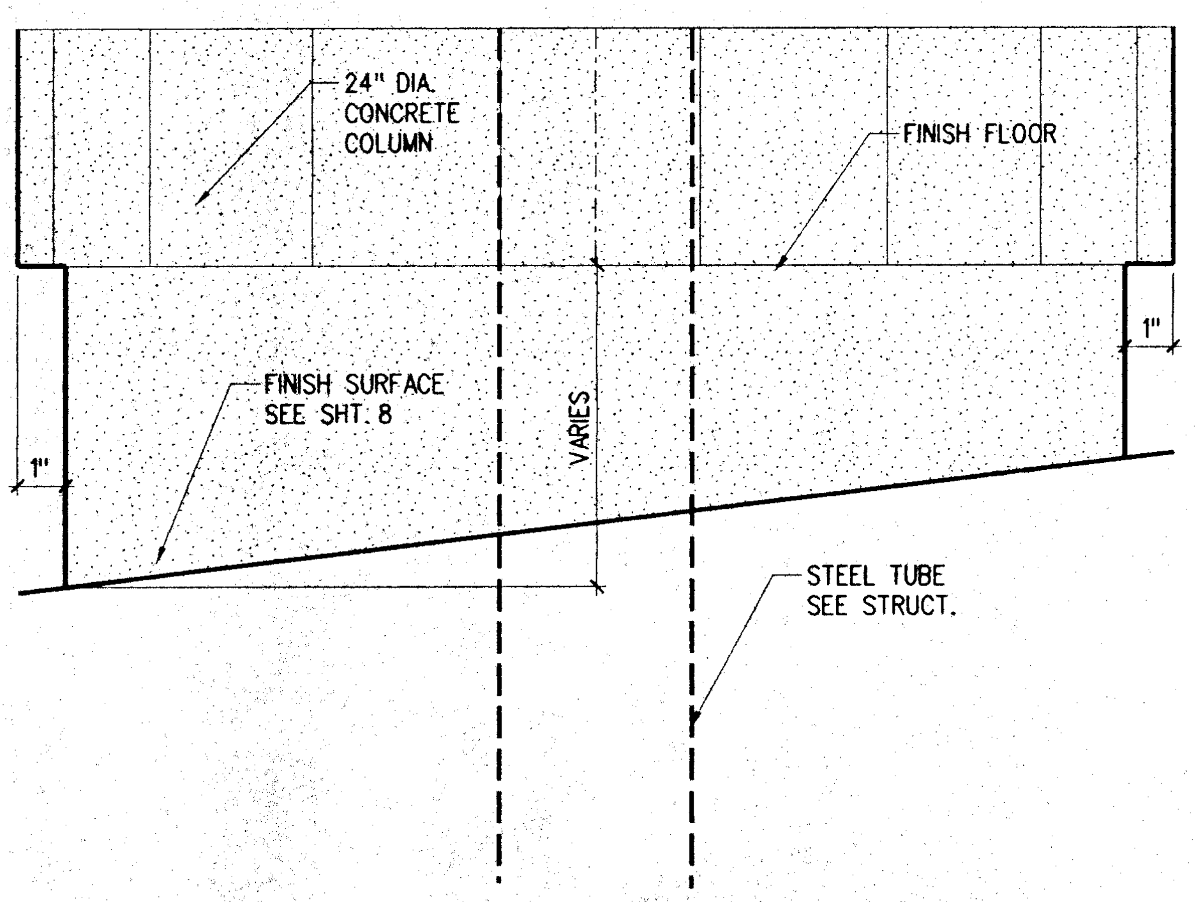


C4 SOUND WALL
1½"-1'-0"
CLDET128.dgn

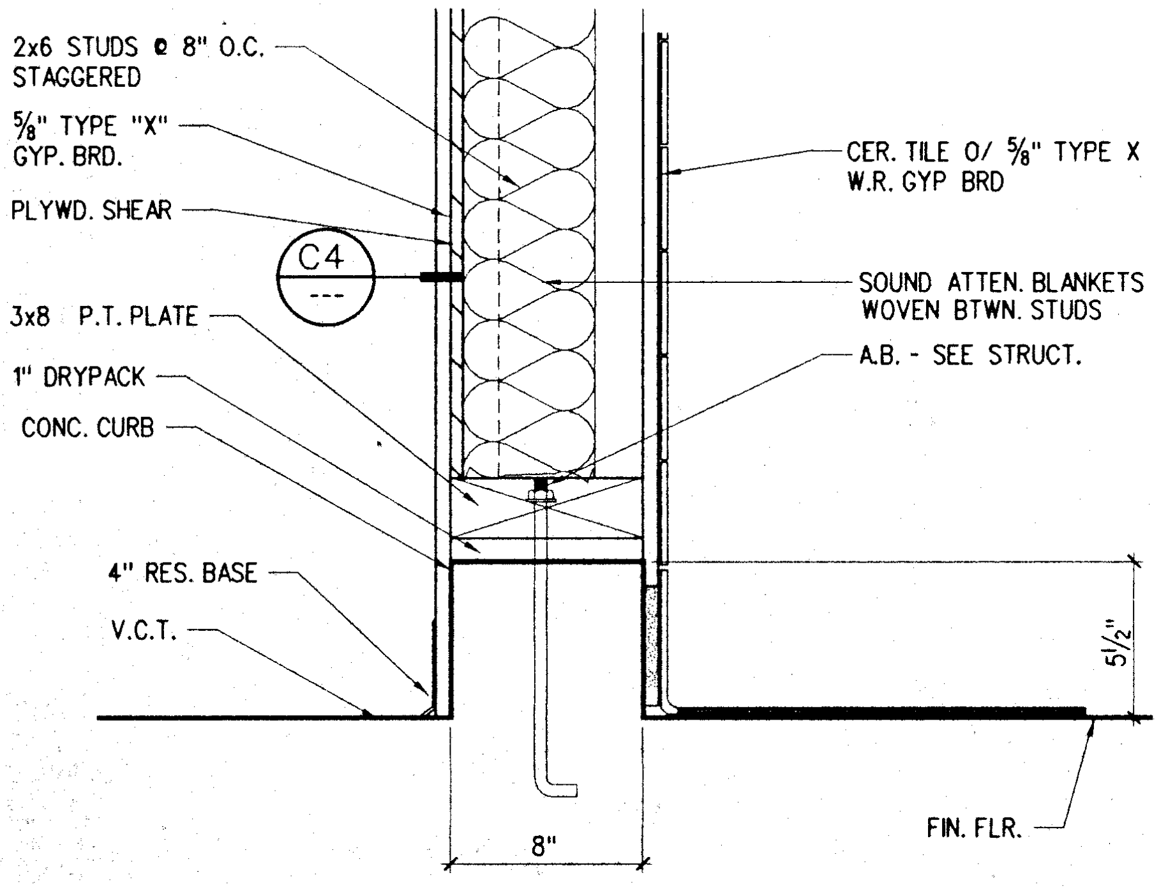
USE THIS TEXT FOR MATCHING



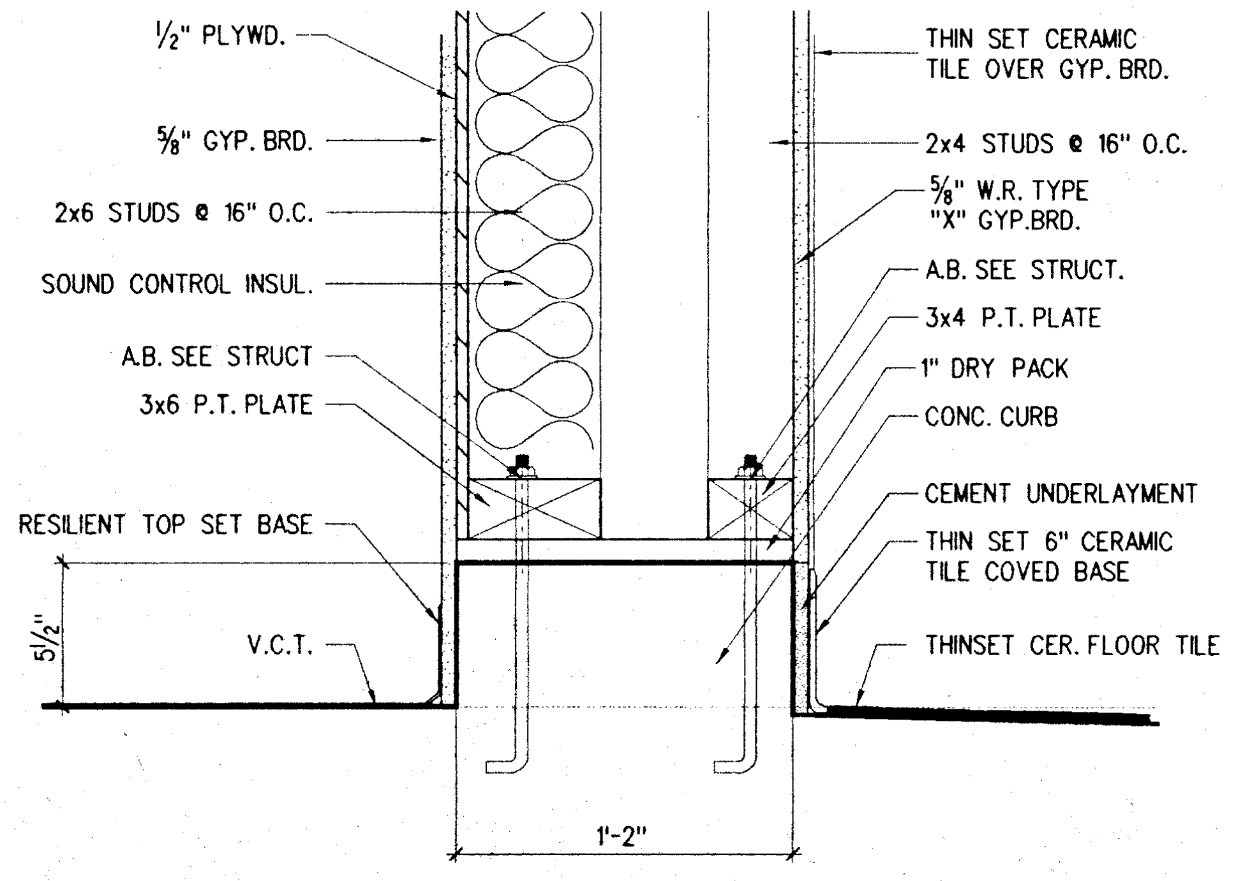
C5 CER. TILE INSIDE CORNER
3"-1'-0"
093-015 .dgn



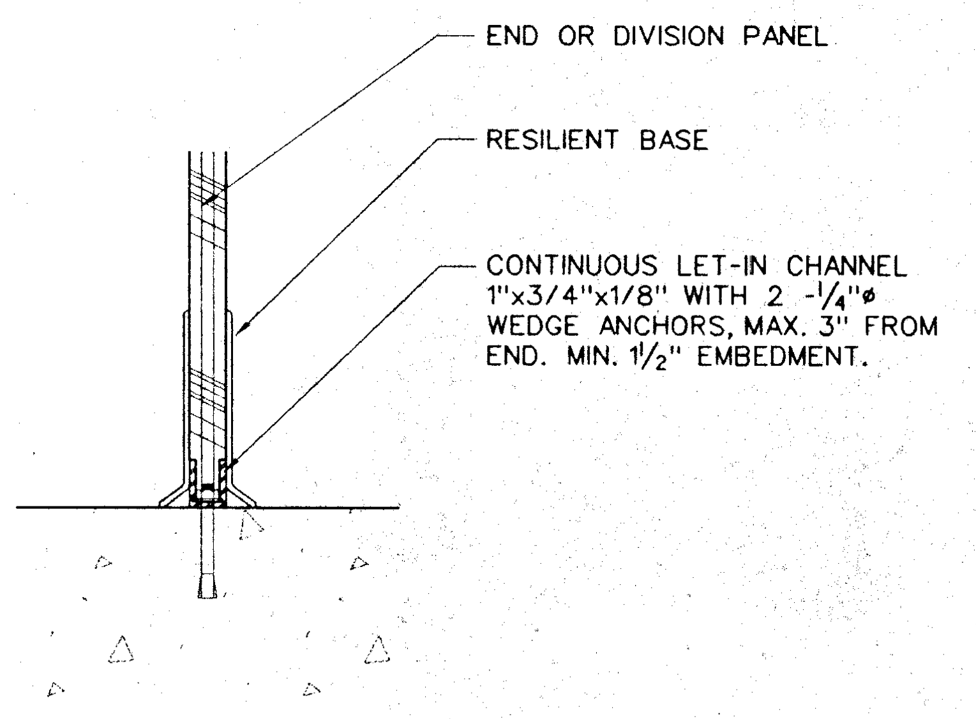
D1 CONC. COLUMN BASE
3"-1'-0"
9108d299b.dgn



D2 CURB @ WALL
1½"-1'-0"
CLDET117.dgn

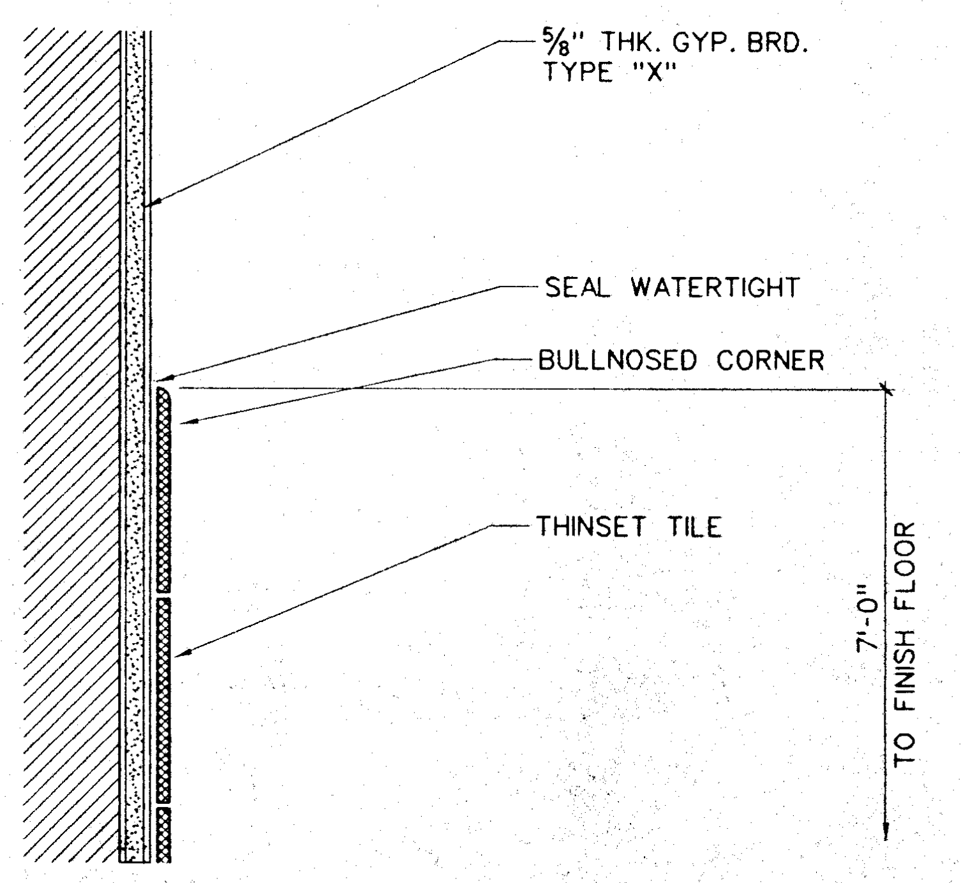


D3 CURB @ PLUMBING WALL
1½"-1'-0"
CLDET076.dgn


END OR DIVISION PANEL
RESILIENT BASE
CONTINUOUS LET-IN CHANNEL 1"x3/4"x1/8" WITH 2 -¼"⌀ WEDGE ANCHORS, MAX. 3" FROM END. MIN. 1½" EMBEDMENT.

D4 END OR DIVISION ANCHOR
3"-1'-0"
064-123 .dgn

FOR MATCHING



D5 CERAMIC TILE TRANSITION
3"-1'-0"
093-008 .dgn

INTERIOR DETAILS

CARMICHAEL-KEMP
ARCHITECTS AIA
2870 LOS FELIZ PLACE LOS ANGELES 90039 323 666 1265

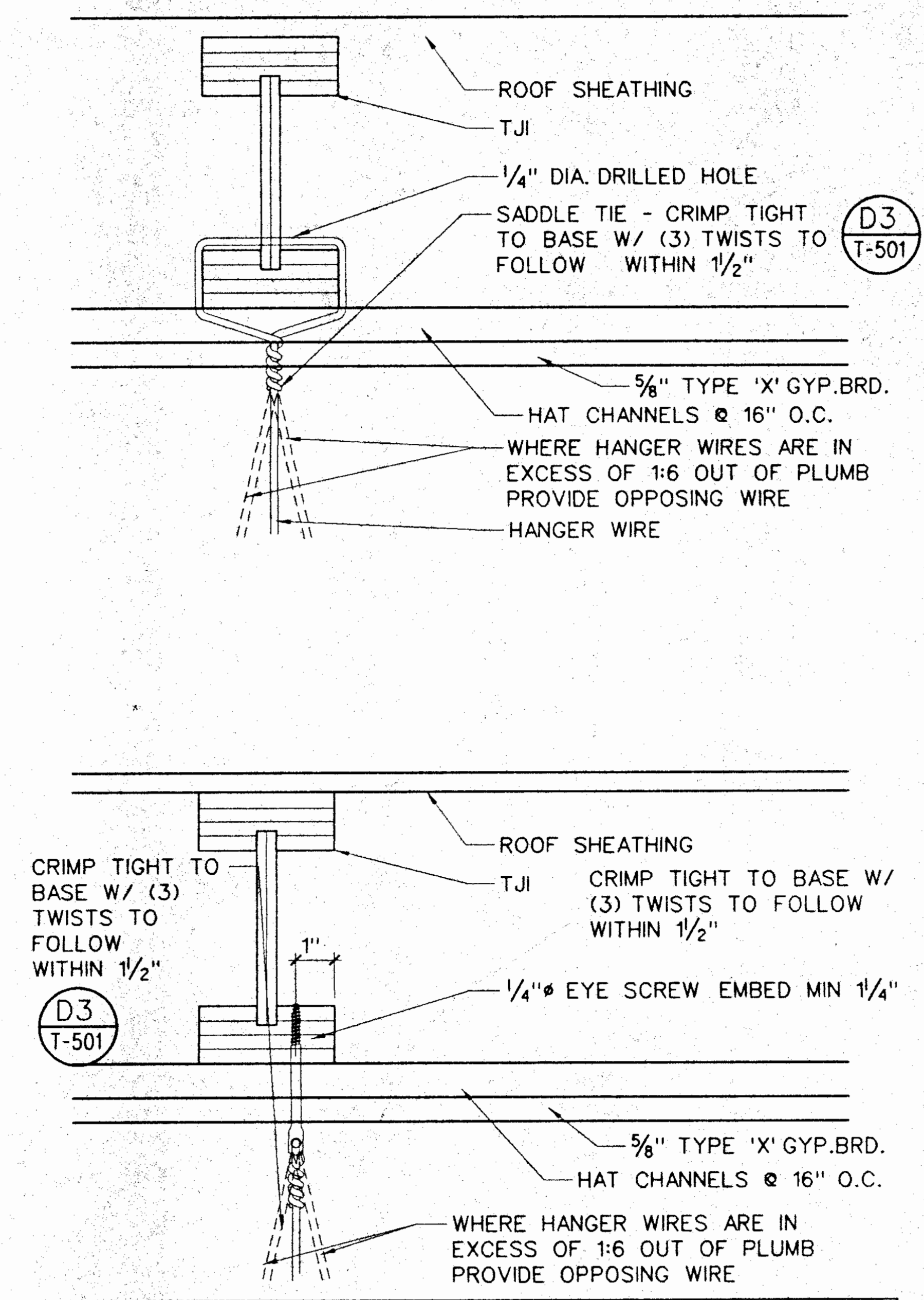
LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C-25592
1-31-01
RENEWAL DATE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC *LL* FLS *JS* SS
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977
GROSSMONT UNION HIGH SCHOOL DISTRICT

JOB NO	9822-1
DATE:	12-14-99
SHEET NUMBER	T-402
BINDING ORDER	40 OF 82

c:\grosmont\9822-1\t-402.sht, Dec. 08, 1999 10:34:35

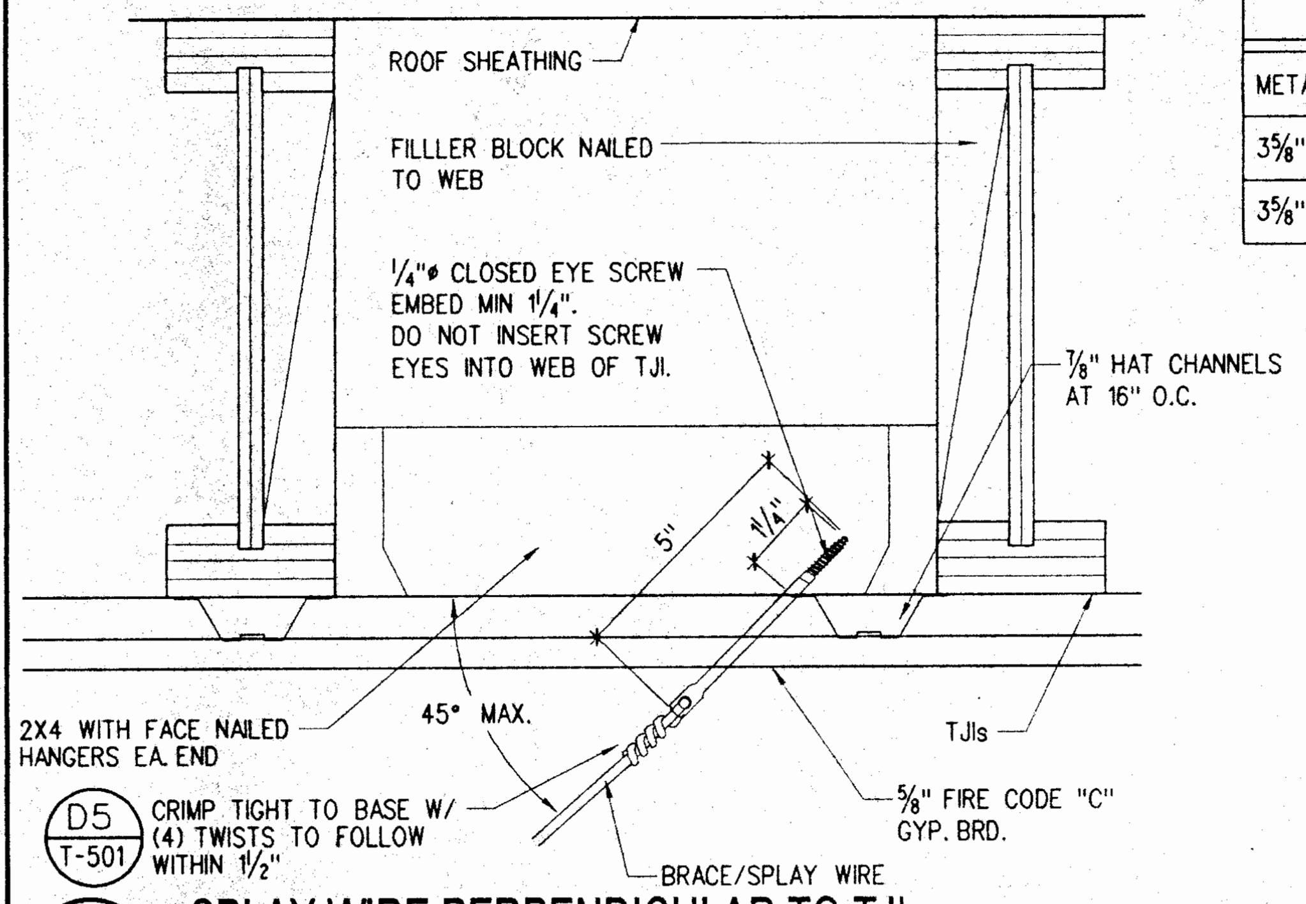

ROOF SHEATHING
TJI
1/4" DIA. DRILLED HOLE
SADDLE TIE - CRIMP TIGHT TO BASE W/ (3) TWISTS TO FOLLOW WITHIN 1 1/2"
D3 T-501
5/8" TYPE 'X' GYP.BRD.
HAT CHANNELS @ 16" O.C.
WHERE HANGER WIRES ARE IN EXCESS OF 1:6 OUT OF PLUMB PROVIDE OPPOSING WIRE
HANGER WIRE
ROOF SHEATHING
TJI
CRIMP TIGHT TO BASE W/ (3) TWISTS TO FOLLOW WITHIN 1 1/2"
CRIMP TIGHT TO BASE W/ (3) TWISTS TO FOLLOW WITHIN 1 1/2"
D3 T-501
1"
1/4"ø EYE SCREW EMBED MIN 1 1/4"
5/8" TYPE 'X' GYP.BRD.
HAT CHANNELS @ 16" O.C.
WHERE HANGER WIRES ARE IN EXCESS OF 1:6 OUT OF PLUMB PROVIDE OPPOSING WIRE

NOTE:
1. CONTRACTOR HAS OPTION OF ANY OF THE ABOVE METHODS
2. DO NOT USE STAPLES TO HANG ELECTRICAL OR MECHANICAL FIXTURES

B1 HANGER WIRE ATTACHMENT
@ TJIs

3"-1'-0"

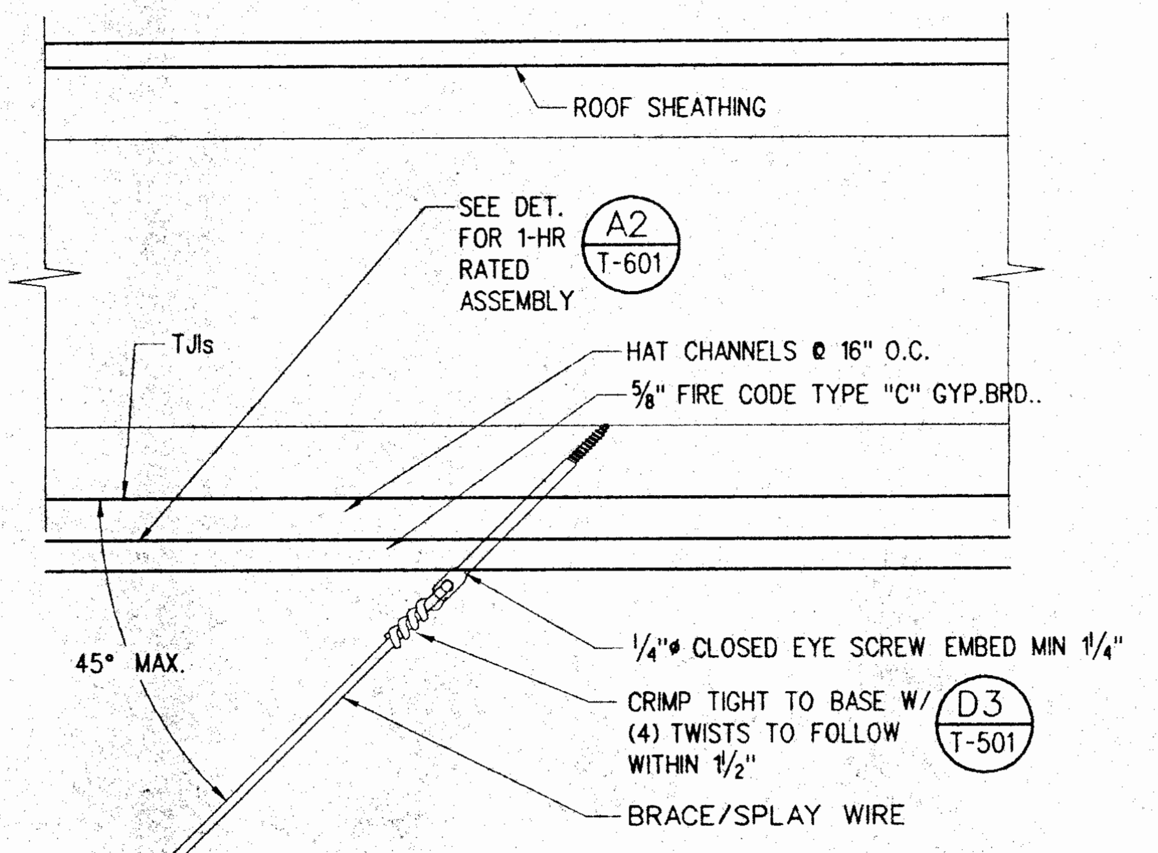
091-009A.dgn


ROOF SHEATHING
FILLLER BLOCK NAILED TO WEB
1/4"ø CLOSED EYE SCREW EMBED MIN 1 1/4". DO NOT INSERT SCREW EYES INTO WEB OF TJI.
7/8" HAT CHANNELS AT 16" O.C.
5"
1/4"
2X4 WITH FACE NAILED HANGERS EA. END
45° MAX.
TJIs
D5 T-501
CRIMP TIGHT TO BASE W/ (4) TWISTS TO FOLLOW WITHIN 1 1/2"
5/8" FIRE CODE "C" GYP. BRD.
BRACE/SPLAY WIRE

C1 SPLAY WIRE PERPENDICULAR TO TJI

ATTACHMENT OF CLG. MTD. LIGHT FIXTURE TO TJI SIMILAR

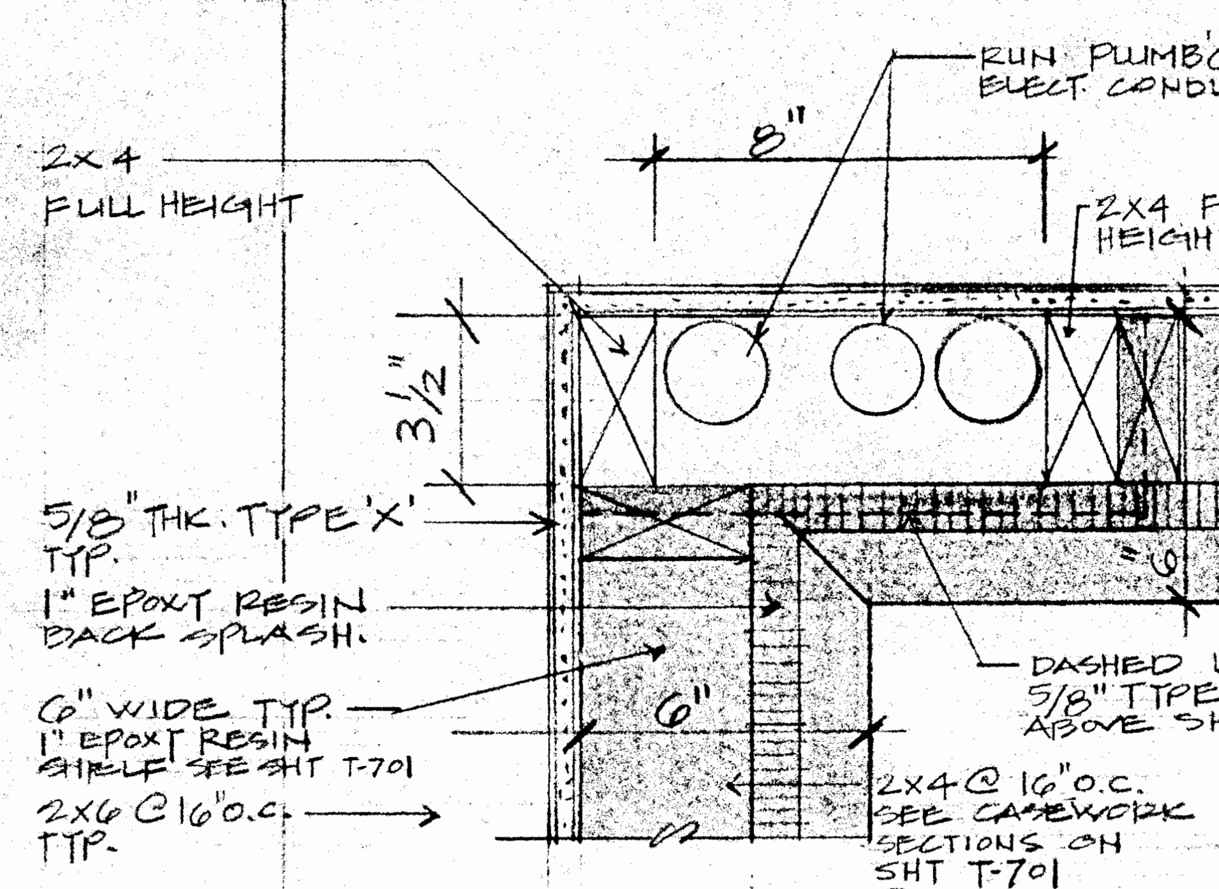
091-027A.dgn


ROOF SHEATHING
SEE DET. FOR 1-HR RATED ASSEMBLY
A2 T-601
TJIs
HAT CHANNELS @ 16" O.C.
5/8" FIRE CODE TYPE "C" GYP.BRD..
45° MAX.
1/4"ø CLOSED EYE SCREW EMBED MIN 1 1/4"
CRIMP TIGHT TO BASE W/ (4) TWISTS TO FOLLOW WITHIN 1 1/2"
D3 T-501
BRACE/SPLAY WIRE

D1 SPLAY WIRE PARALLEL TO TJI

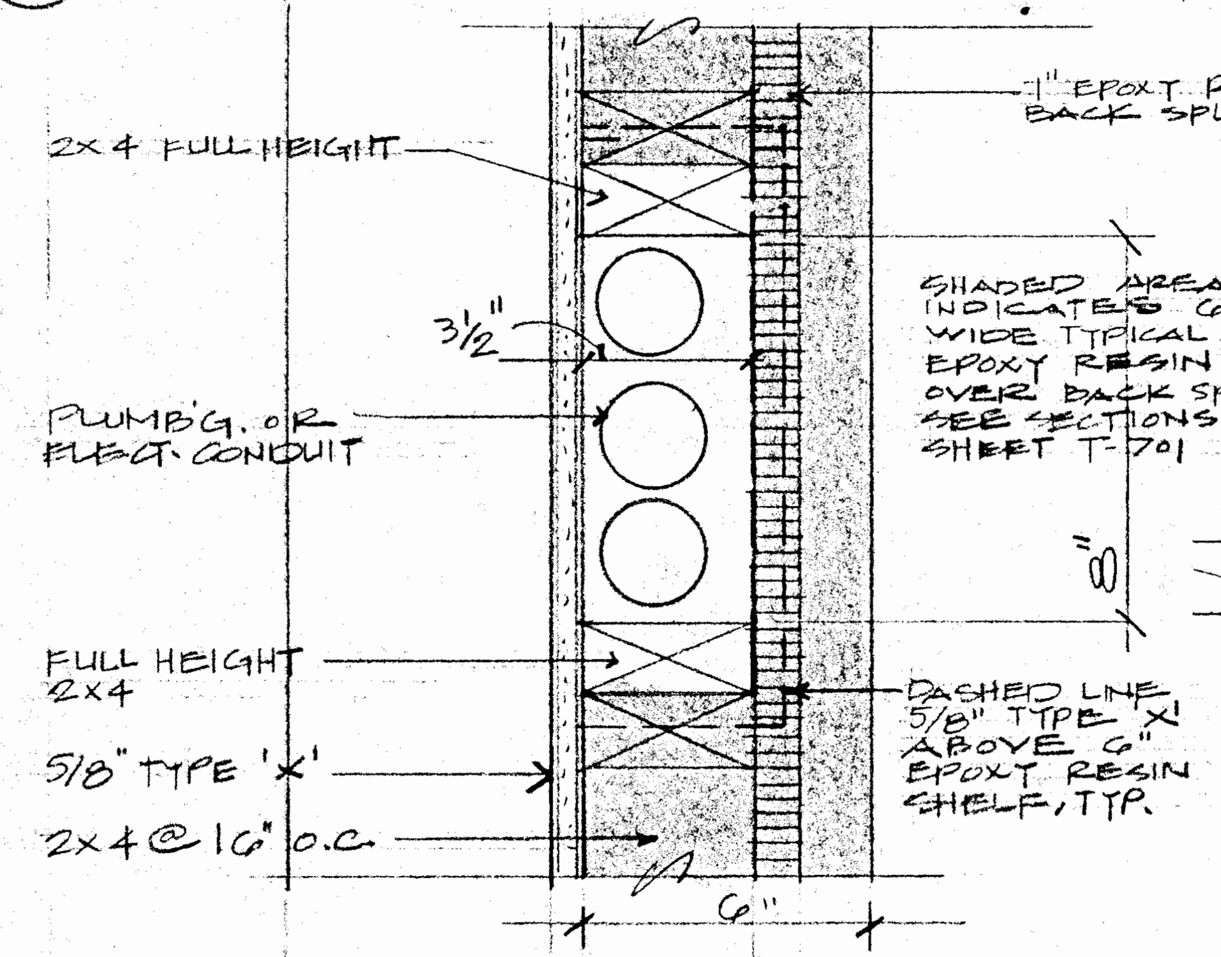
NO SCALE

091-027A.dgn


RUN PLUMB'G OR ELECT. CONDUIT.
2x4 FULL HEIGHT
8"
2X4 FULL HEIGHT.
3 1/2"
5/8" THK. TYPE 'X' TYP.
1" EPOXY RESIN BACK SPLASH.
6" WIDE TYP. 1" EPOXY RESIN SHELF SEE SHT T-701
6"
2x6 @ 16" o.c. TYP.
=6
DASHED LINE 5/8" TYPE 'X' ABOVE SHELF
2x4 @ 16" o.c. SEE CASEWORK SECTIONS ON SHT T-701

A2 FURRED SPACE @ CORNER

3"=1'-0"


1" EPOXY RESIN BACK SPLASH
2x4 FULL HEIGHT
3 1/2"
SHADED AREA INDICATES 6" WIDE TYPICAL 1" EPOXY RESIN SHELF OVER BACK SPLASH SEE SECTIONS ON SHEET T-701
PLUMB'G. OR ELEC. CONDUIT
=8
FULL HEIGHT 2x4
5/8" TYPE 'X'
2x4 @ 16" o.c.
DASHED LINE 5/8" TYPE 'X' ABOVE 6" EPOXY RESIN SHELF, TYP.
6"

B2 FURRED SPACE @ BACKSPLASH

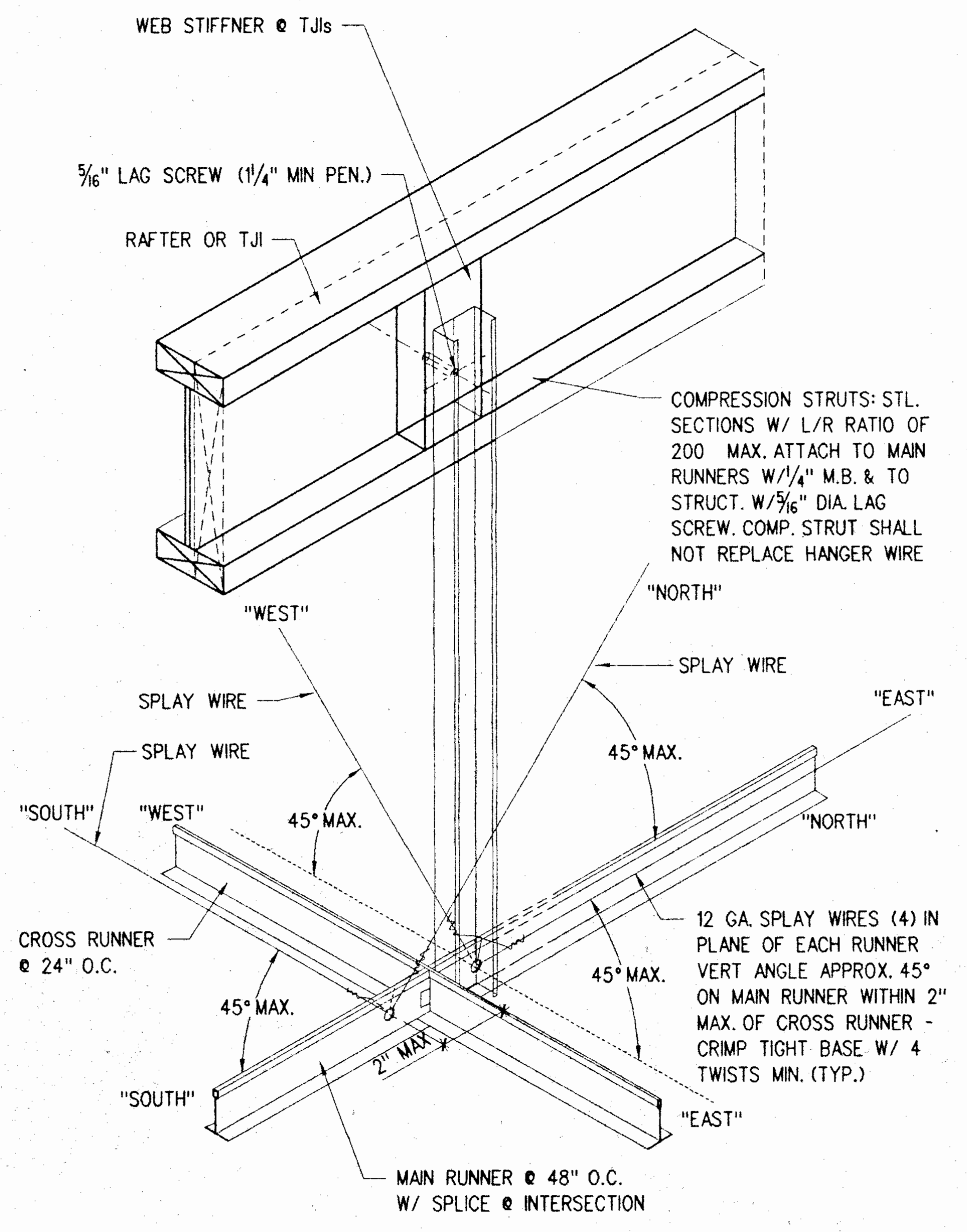
3"=1'-0"

ALLOWABLE STRUT HEIGHTS	
METAL STUD SIZE	MAXIMUM HEIGHT
3 5/8"x20 GA.	9'-0"
3 5/8"x18 GA.	12'-0"

NOTES:

1) PROVIDE STRUTS TO STRUCTURE ABOVE @ 12'-0" O.C. EA. WAY W/ A SIX FEET (6') MAX. DISTANCE FROM ANY WALL.

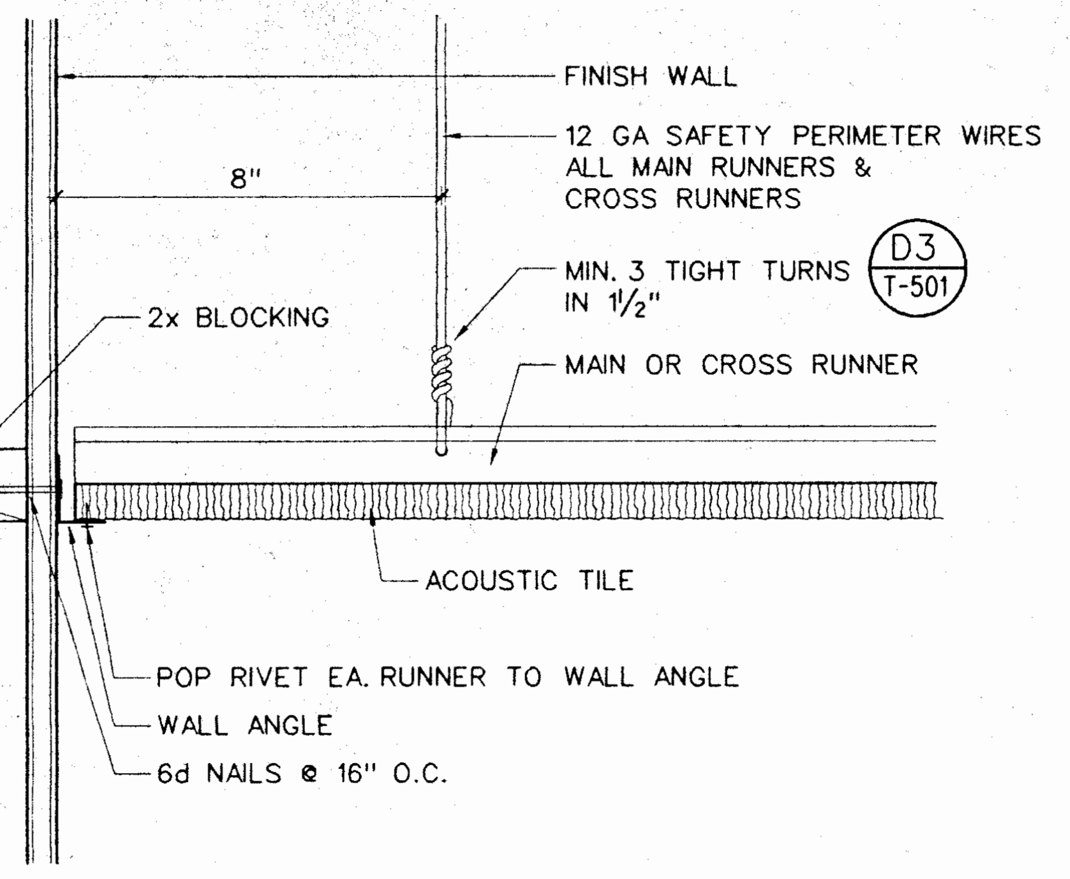
2) SPLAY WIRES SHALL START A MAX. OF SIX FEET (6') FROM ANY WALL & SHALL BE LOCATED AT THE SAME INTERSECTION AS THE STRUTS.


WEB STIFFNER @ TJIs
5/16" LAG SCREW (1 1/4" MIN PEN.)
RAFTER OR TJI
COMPRESSION STRUTS: STL. SECTIONS W/ L/R RATIO OF 200 MAX. ATTACH TO MAIN RUNNERS W/1/4" M.B. & TO STRUCT. W/5/16" DIA. LAG SCREW. COMP. STRUT SHALL NOT REPLACE HANGER WIRE
"NORTH"
"WEST"
SPLAY WIRE
SPLAY WIRE
SPLAY WIRE
"EAST"
45° MAX.
"SOUTH"
"WEST"
45° MAX.
"NORTH"
CROSS RUNNER @ 24" O.C.
45° MAX.
45° MAX.
12 GA. SPLAY WIRES (4) IN PLANE OF EACH RUNNER VERT. ANGLE APPROX. 45° ON MAIN RUNNER WITHIN 2" MAX. OF CROSS RUNNER - CRIMP TIGHT BASE W/ 4 TWISTS MIN. (TYP.)
2" MAX
"SOUTH"
"EAST"
MAIN RUNNER @ 48" O.C. W/ SPLICE @ INTERSECTION

D2 4 WAY SPLAY BRACE & STRUT

NO SCALE

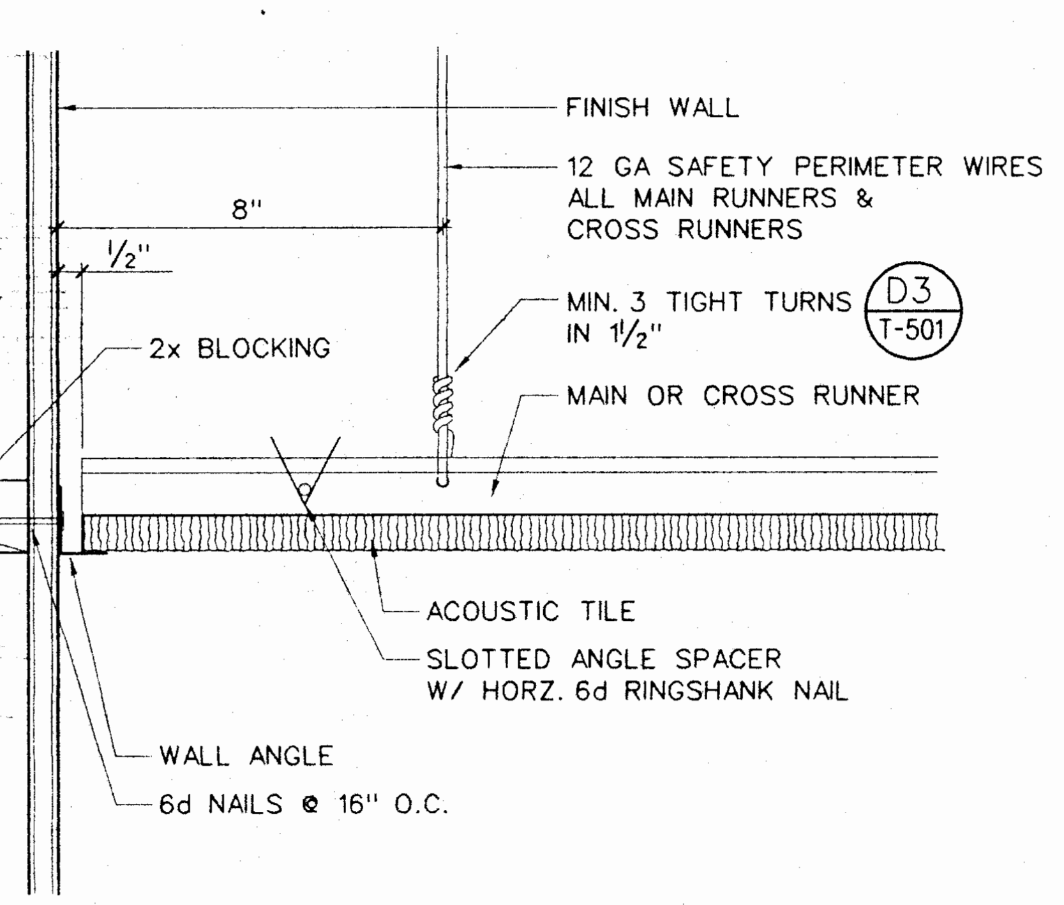
091-021.dgn


FINISH WALL
12 GA SAFETY PERIMETER WIRES ALL MAIN RUNNERS & CROSS RUNNERS
8"
MIN. 3 TIGHT TURNS IN 1 1/2"
D3 T-501
2x BLOCKING
MAIN OR CROSS RUNNER
ACOUSTIC TILE
POP RIVET EA. RUNNER TO WALL ANGLE
WALL ANGLE
6d NAILS @ 16" O.C.

A3 CEILING GRID (FIXED)

3"-1'-0"

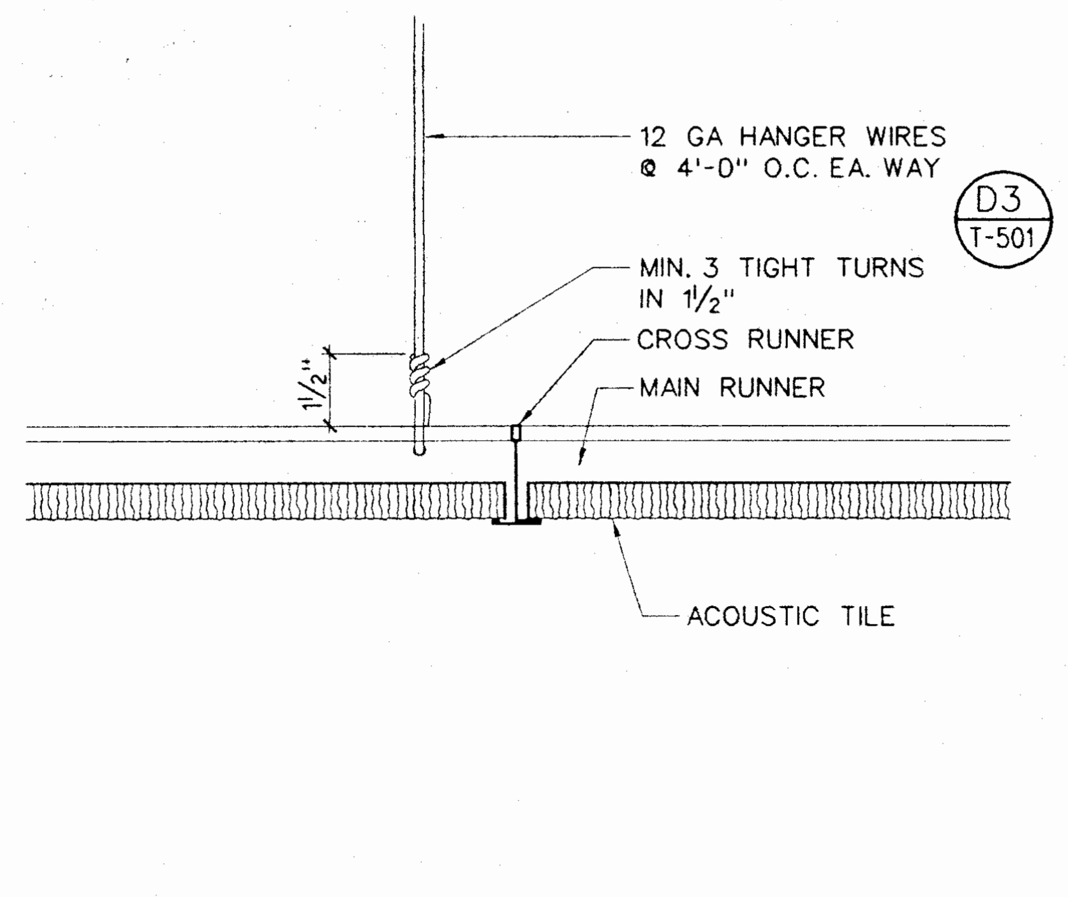
091-006 .dgn


FINISH WALL
12 GA SAFETY PERIMETER WIRES ALL MAIN RUNNERS & CROSS RUNNERS
8"
1/2"
MIN. 3 TIGHT TURNS IN 1 1/2"
D3 T-501
2x BLOCKING
MAIN OR CROSS RUNNER
ACOUSTIC TILE
SLOTTED ANGLE SPACER W/ HORZ. 6d RINGSHANK NAIL
WALL ANGLE
6d NAILS @ 16" O.C.

B3 CEILING GRID (FREE)

3"-1'-0"

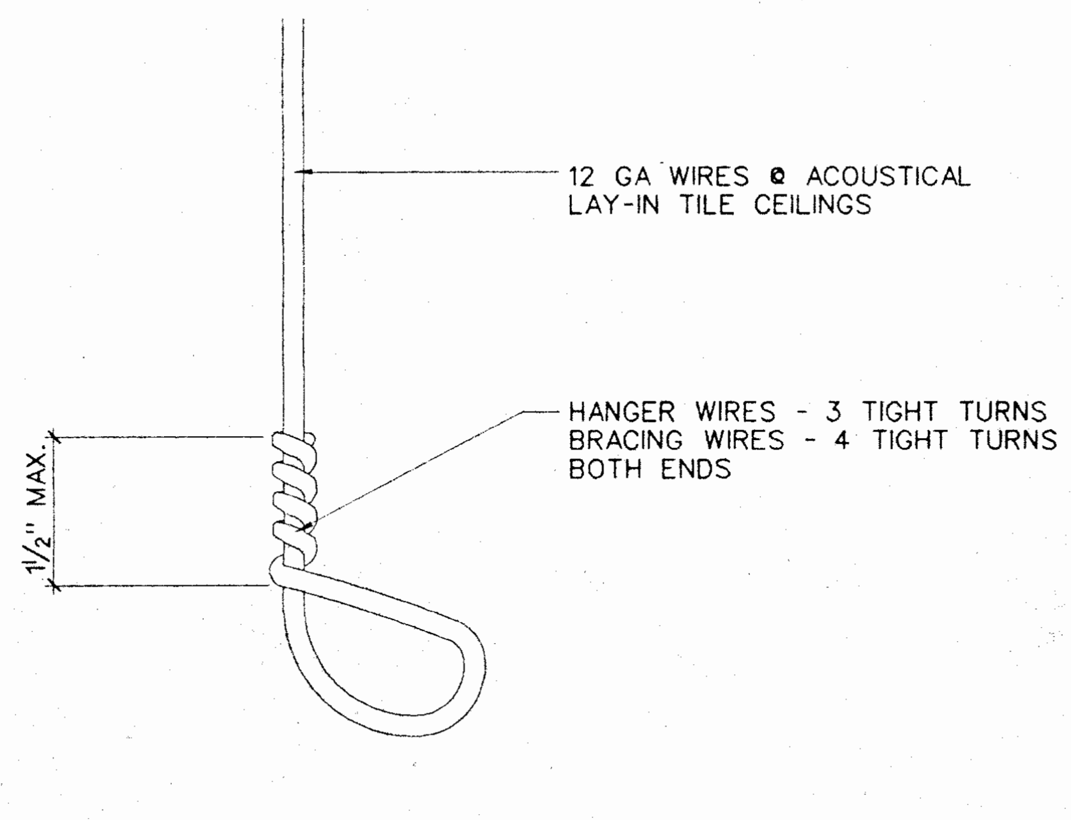
091-007 .dgn


12 GA HANGER WIRES @ 4'-0" O.C. EA. WAY
D3 T-501
MIN. 3 TIGHT TURNS IN 1 1/2"
CROSS RUNNER
MAIN RUNNER
1 1/2"
ACOUSTIC TILE

C3 CEILING HANGER

3"-1'-0:

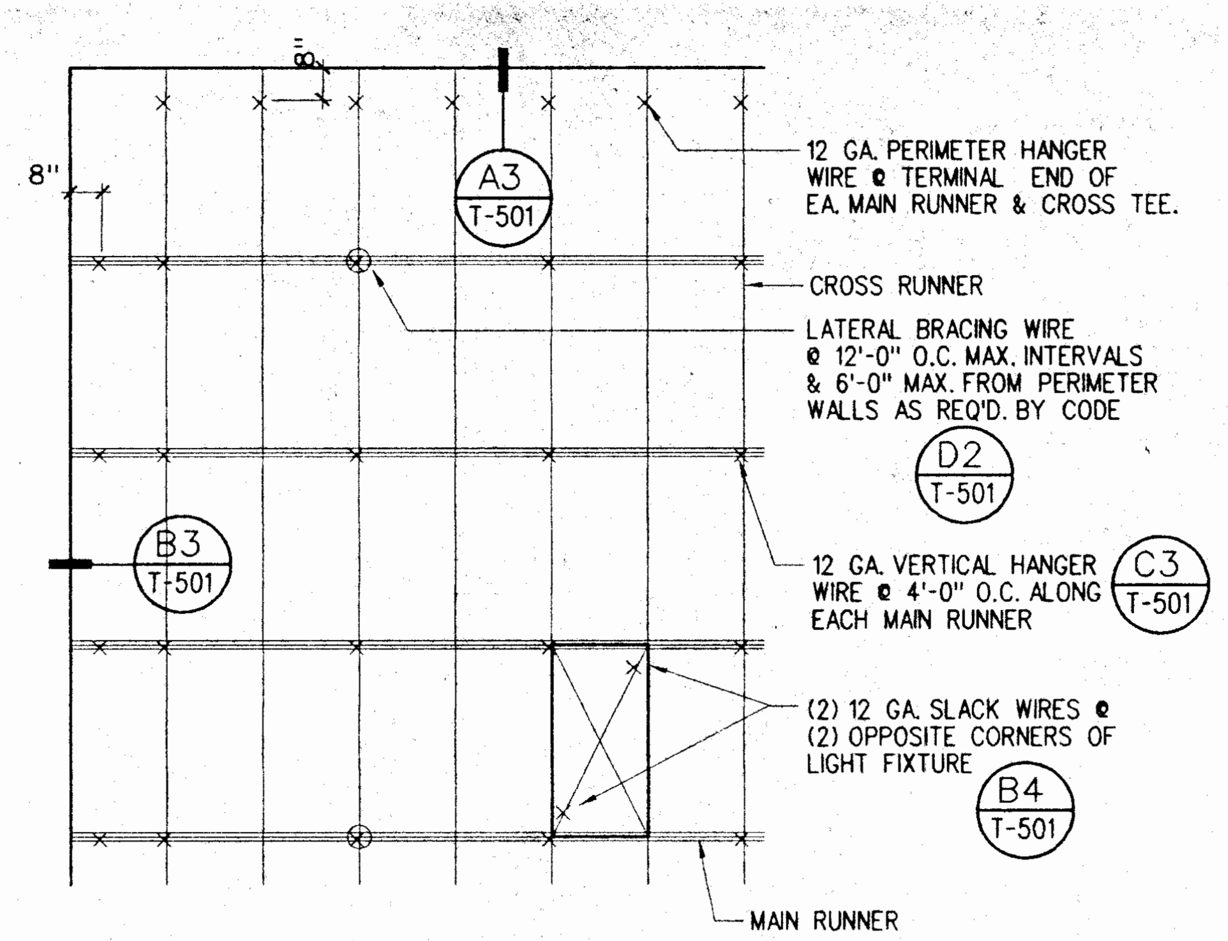
091-008 .dgn


12 GA WIRES @ ACOUSTICAL LAY-IN TILE CEILINGS
HANGER WIRES - 3 TIGHT TURNS BRACING WIRES - 4 TIGHT TURNS BOTH ENDS
1 1/2" MAX.

D3 TYPICAL HANGER WIRE

NO SCALE

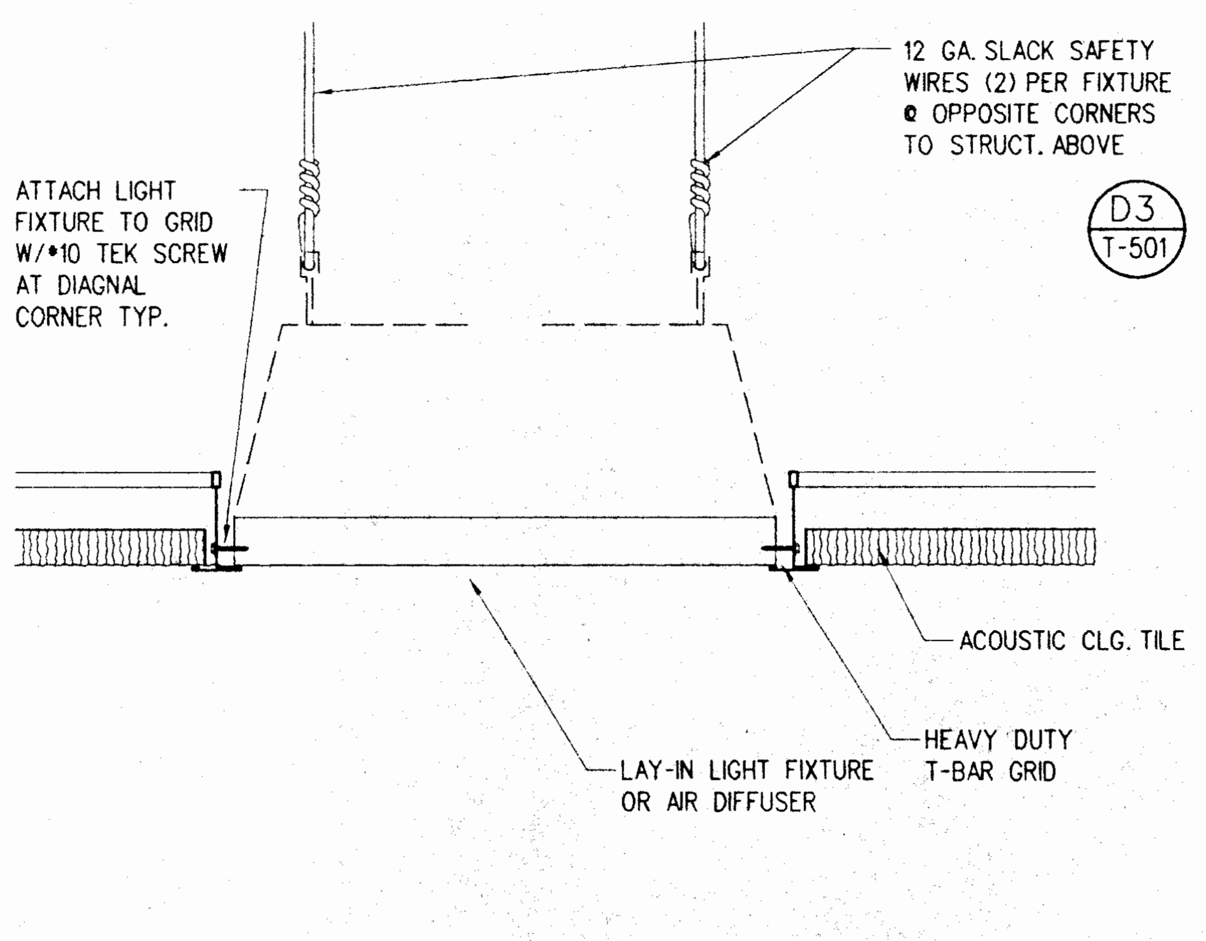
091-010 .dgn


8"
8"
A3 T-501
12 GA. PERIMETER HANGER WIRE @ TERMINAL END OF EA. MAIN RUNNER & CROSS TEE.
CROSS RUNNER
LATERAL BRACING WIRE @ 12'-0" O.C. MAX. INTERVALS & 6'-0" MAX. FROM PERIMETER WALLS AS REQ'D. BY CODE
D2 T-501
B3 T-501
12 GA. VERTICAL HANGER WIRE @ 4'-0" O.C. ALONG EACH MAIN RUNNER
C3 T-501
(2) 12 GA. SLACK WIRES @ (2) OPPOSITE CORNERS OF LIGHT FIXTURE
B4 T-501
MAIN RUNNER

A4 TYP. CLG. SUSPENSION

NO SCALE

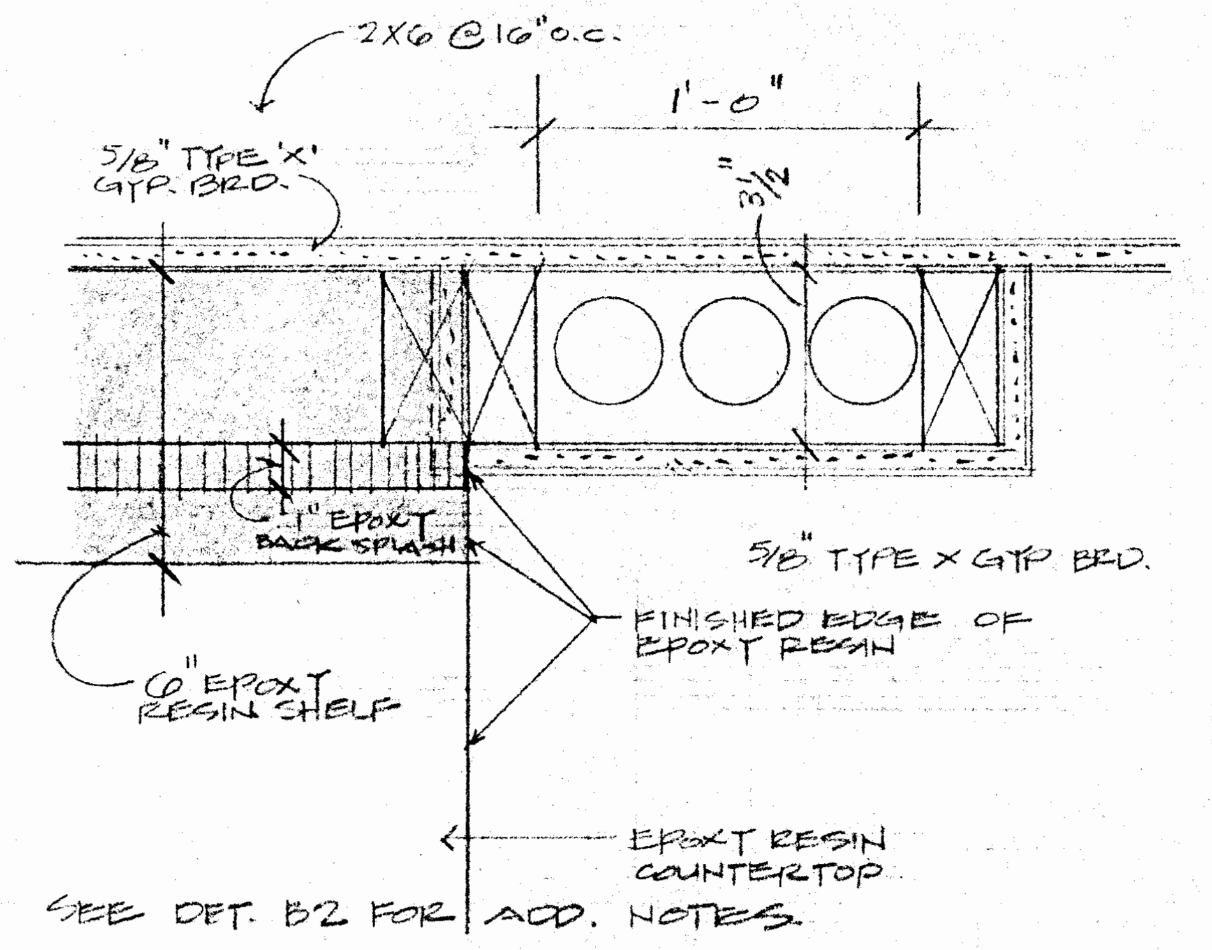
091-012 .dgn


12 GA. SLACK SAFETY WIRES (2) PER FIXTURE @ OPPOSITE CORNERS TO STRUCT. ABOVE
D3 T-501
ATTACH LIGHT FIXTURE TO GRID W/#10 TEK SCREW AT DIAGNAL CORNER TYP.
ACOUSTIC CLG. TILE
HEAVY DUTY T-BAR GRID
LAY-IN LIGHT FIXTURE OR AIR DIFFUSER

B4 LIGHT FIXTURE SUPPORT

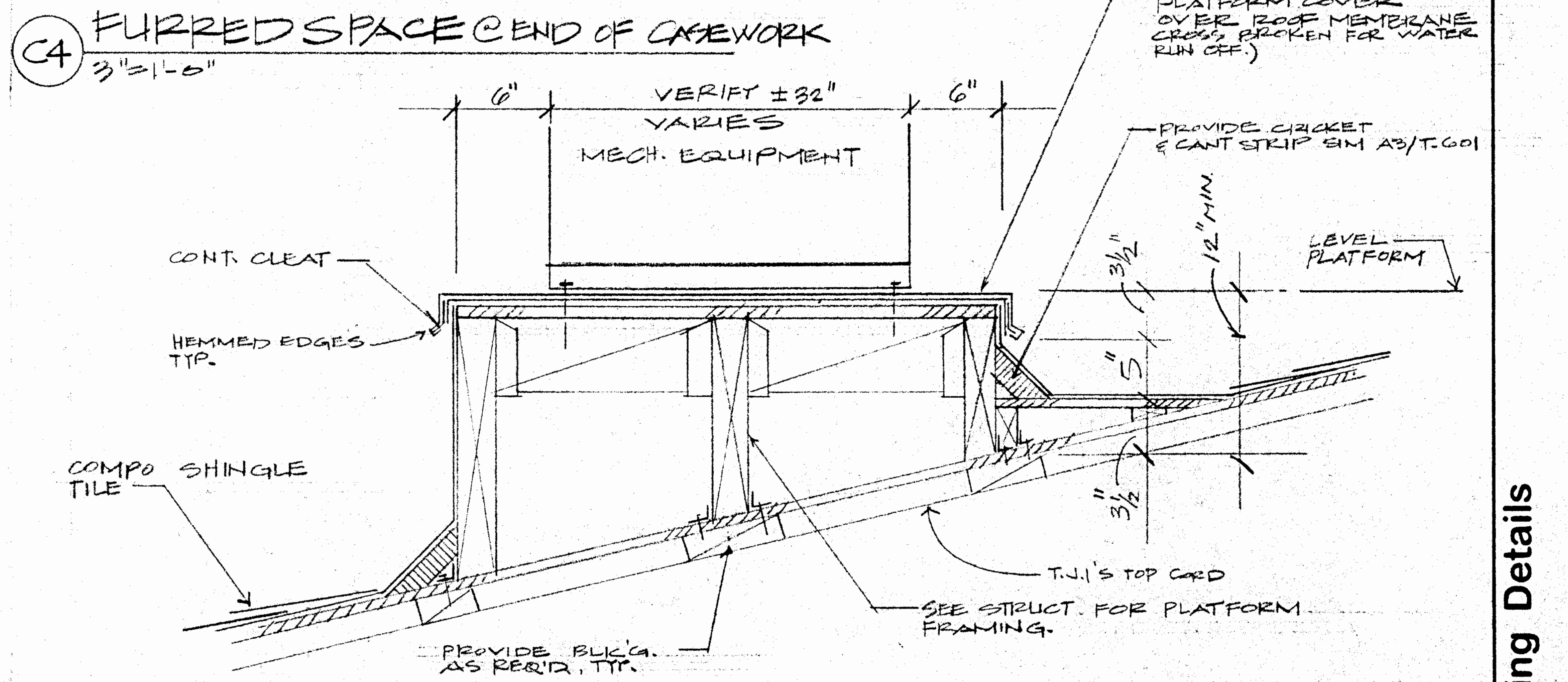
3"-1'-0"

091-013 .dgn



C4 FURRED SPACE @ END OF CASEWORK

3"=1'-0"


20 GA. GALV. W/HEMMED EDGES PLATFORM COVER OVER ROOF MEMBRANE CROSS BROKEN FOR WATER RUN OFF.)
6"
VERIFY ±32" VARIES
6"
MECH. EQUIPMENT
PROVIDE CRICKET & CANT STRIP SIM A3/T.601
CONT. CLEAT
12" MIN.
3 1/2"
LEVEL PLATFORM
HEMMED EDGES TYP.
5"
3 1/2"
COMPO SHINGLE TILE
T.J.I.'S TOP CORD
SEE STRUCT. FOR PLATFORM FRAMING.
PROVIDE BLK'G. AS REQ'D., TYP.

D4 LEVEL PLATFORM

1 1/2"=1'-0"

T-BAR CEILING NOTES

1. 12 GA. (MIN.) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'0" X 4'0" GRID SPACING ALONG MAIN RUNNERS.
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 DSA/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 AT THE FOLLOWING SPACING:
    - A. 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 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 DSA/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 1/2" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO DSA/SSS.
9. ATTACH ALL LIGHT FIXTURES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES.
10. 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 (2) 12 GA. SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4 FT. X 4 FT. LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER.
11. SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE EACH SUPPORTED FROM THE STRUCTURE ABOVE BY A 12 GA. WIRE. SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER AND NOT ACCEPTABLE.

CLASSIFICATION OF CEILING GRID

MANUFACTURER: CHICAGO METALLIC CEILINGS
DUTY RATING: HEAVY DUTY
SYSTEM: #1200 EXPOSED STEEL GRID
#200 MAIN RUNNERS
#1226 2' CROSS RUNNERS, #1204 4' CROSS RUNNERS

CARMICHAEL-KEMP
ARCHITECTS
AIA
2870 LOS FELIZ PLACE • LOS ANGELES • 90039 • 323 • 666 • 1265

LICENSED ARCHITECT
TAMARA J. SCHAEFFER
C 20592
EXPIRES NOV. 30, 2000
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL NO 4-101516
AC ___ FLS E SS ___
DATE DEC 14 1999

NEW SCIENCE BUILDING at MT. MIGUEL HIGH SCHOOL
1800 Sweetwater Road, Spring Valley, CA 91977

GROSSMONT UNION HIGH SCHOOL DISTRICT

Ceiling Details

JOB NO. 9822-1
DATE: 12-14-99
SHEET NUMBER
T-501
BINDING ORDER 41 OF 82

o:\grosmont\9822-1\t-501 sht Dec. 04, 1999 13:17:00