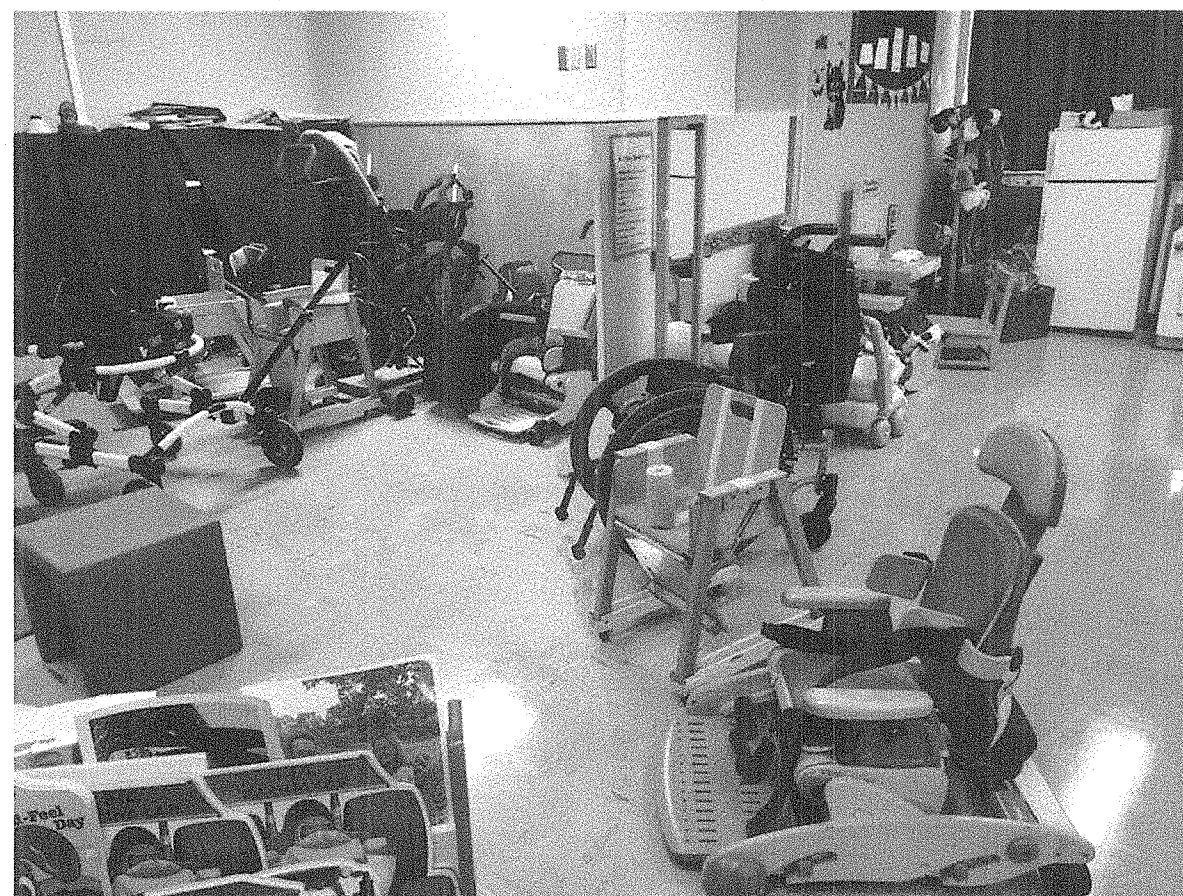


VOLUNTARY BARRIER REMOVAL & NEW FINISHES AT STUDENTS' RESTROOMS

SHADELANDS SPECIAL NEEDS PRESCHOOL
1860 SILVERWOOD DRIVE, CONCORD CA 94519



MT DIABLO UNIFIED SCHOOL DISTRICT - CONTRA COSTA COUNTY



November 29th, 2017
 Dessa Rooney, Regional Manager
 Division of the State Architect, Oakland Regional Office
 1515 Clay Street, Suite 1201
 Oakland, CA 94612



MT. DIABLO UNIFIED SCHOOL DISTRICT
 SHADELANDS PRESCHOOL
 1860 Silverwood Drive
 Concord, California 94510-1399
 (925) 468-5333
 FAX: (925) 662-1494

November 29th, 2017

Subject: Restrooms Upgrade for Shadelands Special Needs Preschool
 1860 Silverwood Dr., Concord CA 94519

Dessa Rooney, Regional Manager
 Division of the State Architect, Oakland Regional Office
 1515 Clay Street, Suite 1201
 Oakland, CA 94612

Dear Ms. Rooney:

Subject: Restrooms Upgrade for Shadelands Special Needs Preschool
 1860 Silverwood Dr., Concord CA 94519

This letter is a memorandum of PHD Architects meeting (Dinah Baharin) with Kris Wen and Barry Ryan on Thursday November 2nd 2017.

Dear Ms. Rooney:

- 1) Shadelands Preschool is a special need preschool for 3 years old thru 5 years old
- 2) Children are physically challenge - some classes are on the extreme end of mobility
- 3) Children are always accompanied and assisted to the restroom
- 4) In general, cognitive development of children enrolled have cognitive development of 18 months and thru 30 months

The students in this preschool require special assistance from teachers with a ratio of 1:3 (teacher/students) supported by Para-professionals.
 Due to these challenges the students must always be fully supervised and assisted at all times including during the use of the restrooms.

Regarding the scope of work for restrooms renovation for these children, DSA agreed that the school will improve 1 toilet stall at room 1 to be fully accessible.

The school has agreed to upgrade 1 fully accessible restroom for the students in the school.

Sincerely,
 Dinah B
 Dinah Baharin
 Project Manager

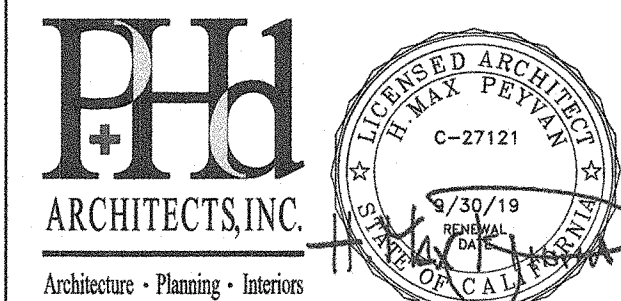
If you have any questions, please feel free to contact me at (925) 667-0202.

Sincerely,

Jenny Vargas, Principal
 Shadelands Special-Needs Preschool



1936 Carlotta Dr.,
 Concord, CA 94519



Architecture - Planning - Interiors

3211 Romina Way
 Lafayette, California 94549
 925.949.8333 tel.

STRUCTURAL ENGINEER
 TSA STRUCTURAL ENGINEERS

433 AIRPORT BLVD., #106E
 BURLINGAME, CA 94710
 TEL. (650) 620-9556

D.S.A. FILE INFORMATION

D.S.A. FILE No. 7-29

ADMINISTRATIVE REQUIREMENTS

- PART 1. TITLE 24, C.C.R.
- A. ALL WORK SHALL CONFORM TO THE 2016 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- B. DSA - CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) IS REQUIRED FOR THIS PROJECT. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24 CCR. THE SCOPE OF THE PROJECT REQD. CLASS 3 INSPECTOR.
- C. INSPECTOR AND CONTINUOUS INSPECTION OF WORK PER SECTION 4-333(b) AND 4-342
- D. TEST AND TESTING LABORATORY PER SECTION 4-335 (OWNER SHALL PAY THE TESTING LABORATORY). DSA ACCEPTED TESTING LABORATORY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT THE REQD. TESTS AND SPECIAL INSPECTIONS FOR THE PROJECT.
- E. SPECIAL INSPECTION PER SECTION 4-333(c)
- F. CONTRACTOR SHALL SUBMIT VERIFIED REPORT (FORM DSA 6) PER SECTION 4-336 & 4-343(c)
- G. ADMINISTRATION OF CONSTRUCTION PER PART 1, TITLE 24, C.C.R., DUTIES OF ARCHITECT, STRUCTURAL ENGINEER OR PROFESSIONAL ENGINEER PER SECTION 4-333(g) AND 4-341; DUTIES OF CONTRACTOR PER SECTION 4-343; VERIFIED REPORTS (FORM DSA 6) PER SECTION 4-336
- H. A COPY OF PART 1, 2, 3, 4 & 5 OF TITLE 24 SHALL BE KEPT & AVAILABLE IN THE FIELD DURING CONSTRUCTION
- I. NOT USED
- J. DSA SHALL BE NOTIFIED ON START OF CONSTRUCTION & PRIOR TO PLACEMENT OF CONCRETE, PER SEC. 4-331
- K. SUPERVISION OF CONSTRUCTION BY DSA PER SECTION 4-334
- L. DSA IS NOT SUBJECT TO ARBITRATION
- M. PER SECTION 4-317(c), PART 1, TITLE 24, C.C.R.: THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, C.C.R. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONSTRUCTION DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, C.C.R. A CONSTRUCTION CHANGE DOCUMENT (CCD) OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DSA BEFORE PROCEEDING WITH THE WORK.
- N. THE INTENT OF THESE DRAWINGS IS TO MODIFY THE FACILITY FOR ACCESSIBILITY IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS SUCH THAT THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT (CCD) DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DSA-AC BEFORE PROCEEDING WITH THE WORK.
- O. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, C.C.R.
- P. A "DSA" CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE-24 C.C.R.
- Q. A "DSA" ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS OF THE PROJECT.

APPLICABLE CODES WITHIN LIMIT OF WORK

2016 California Administrative Code (CAC), Part 1, Title 24 CCR
 2016 California Building Code (CBC), Part 2, Title 24 CCR, JAN 8 SEPT, 2017 ERRATA (2015 International Building Code, Vol. 1 & 2, and 2016 California amendments)
 2016 California Electrical Code (CEC), Part 3, Title 24 CCR (2014 National Electrical Code and 2016 California Amendments)
 2016 California Mechanical Code (CMC), Part 4, Title 24 CCR (2015 IAPMO Uniform Mechanical Code and 2016 California amendments)
 2016 California Plumbing Code (CPC), Part 5, Title 24 CCR (2015 IAPMO Uniform Plumbing Code and 2016 California amendments)
 2016 California Energy Code (CEC), Part 6, Title 24 CCR
 2016 California Fire Code (CFC), Part 9, Title 24 CCR (2015 International Fire Code and 2016 California Amendments)
 2016 California Existing Building Code (CEBC), Part 10, Title 24 CCR (2015 International Existing Building Code and 2016 California Amendments)
 2016 California Green Building Standards Code (CALGreen), Part 11, Title 24 CCR
 2016 California Referenced Standards Code, Part 12, Title 24 CCR
 Title 19 CCR, Public Safety, State Fire Marshal Regulations
 2013 ASME A17.1/CSA B44-13 Safety Code for Elevators and Escalators

NATIONAL STANDARDS
 NFPA 13 Standard for the Installation of Sprinkler Systems (CA amended) 2016 Edition
 NFPA 14 Standard for the Installation of Standpipe and Hose Systems 2013 Edition
 NFPA 17 Standard for Dry Chemical Extinguishing Systems 2013 Edition
 NFPA 17A Standard for Wet Chemical Extinguishing Systems 2013 Edition
 NFPA 20 Standard for the Installation of Stationary Pumps for Fire Protection 2016 Edition

NFPA 72 National Fire Alarm and Signaling Code (CA amended) 2016 Edition
 NFPA 80 Standard for Fire Doors and Other Opening Protectives 2016 Edition
 NFPA 2001 Standard on Clean Agent Fire Extinguishing Systems 2015 Edition
 UL 300 Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment 2003 Edition (R2010)
 UL 464 Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories 2005 Edition (R2010)
 UL 521 Standard for Heat Detectors for Fire Protective Signaling Systems 1999 Edition
 UL 1971 Standard for Signaling Devices for the Hearing Impaired 2002 Edition
 ICC 300 Standard for Bleachers, Folding and Telescopic Seating, and Grandstands 2012 Edition

ABBREVIATIONS

⊙	At	JAN.	Janitor
A.C.T.	Acoustic Ceiling Tile	JST.	Joist
ACS	Accessible	JT.	Joint
ADJ.	Adjacent, Adjustable	LAM.	Laminated
A.F.F.	Above Finish Floor	LEV.	Level
AL.	Aluminum	LOC.	Location
A.T.C.	Acoustic Tile Ceiling	MAX.	Maximum
BD.	Board	M.D.F.	Medium Density Fiberboard
BLKG.	Blocking	MECH.	Mechanical
BM.	Beam	MEZZ.	Mezzanine
B.O.	Bottom Of	MFR.	Manufacturer
BOT.	Bottom	MIN.	Minimum
BRS.	Bearing	MISC.	Miscellaneous
BTWN.	Between	MTD.	Mounted
CAB.	Cabinet	MTL.	Metal
CER.	Ceramic	(N)	New
C.J.	Control Joint	(N.I.C.)	Not In Contract
CL.	Center Line	NO.	Number
CLG.	Ceiling	NOM.	Nominal
CLR.	Clear	N.T.S.	Not To Scale
C.M.U.	Concrete Masonry Unit	O.C.	On Center
COL.	Column	O.D.	Outside Diameter
CONC.	Concrete	OPNG.	Opening
CONST.	Construction	OPP.	Opposite
CONT.	Coordinate	O.H.	Oval Head
COORD.	Coordinate	P.H.W.S.	Power Head Wood Screw
C.R.	Cold Rolled	P. LAM.	Plastic Laminate
C.T.	Ceramic Tile	R	Property Line
CTR	Counter	PL	Plate
CTSK.	Countersink	PLY.	Plywood
		PLYWD.	Plywood
DBL.	Double	PT.	Paint
DCA.	Drilled Concrete Anchor	PTD.	Painted
DET.	Detail	PTN.	Partition
D.F.	Drinking Fountain		
DIA.	Diameter	Q.T.	Quarry Tile
DIM.	Dimension	QTY.	Quantity
DISP.	Dispenser	R.	Radius
DN.	Down	RAD.	Radius
DR.	Door	R.D.	Roof Drain
DTL.	Detail	RE:	Refer To
DWG.	Drawing	REQ.	Required/Requirements
(E)	Existing	RES.	Resilient
Ea.	Each	RESIL.	Resilient
E.J.	Expansion Joint	R.H.	Round Head
EL.	Elevation	R.H.W.S.	Round Head Wood Screw
ELEC.	Electrical	RM.	Room
EO.	Electrical Outlet	R.O.	Rough Opening
EQ.	Equal	S.C.	Solid Core / Seat Cover
EQUIP.	Equipment	SCHED.	Schedule
E.W.C.	Electric Water Cooler	SECT.	Section
EXIST.	Existing	S.E.D.	See Electrical Drawings
EXP.	Expansion	SFD	Smoke Fire Damper
EXP. JT.	Expansion Joint	SH.	Sheet
EXT.	Exterior	SHT.	Sheet
		SIM.	Similar
F.D.	Floor Drain	S.M.D.	See Mechanical Drawings
F.E.	Fire Extinguisher	S.M.S.	Sheet Metal Screw
F.E.C.	Fire Extinguisher Cabinet	S.P.D.	See Plumbing Drawings
F.H.	Flat Head	S.S.	Stainless Steel
F.H.C.	Fire Hose Cabinet	S.S.D.	See Structural Drawings
FIN.	Finish	S.T.S.	Self-Drilling, Self-Tapping
FLR.	Floor	S.M.S.	Sheet Metal Screw
FLUOR.	Fluorescent	STD.	Standard
F.O.	Face Of	STL.	Steel
F.O.S.	Face Of Stud	STRUCT.	Structural
F.O.W.	Face Of Wall	SUSP.	Suspended
F.S.	Full Size	THK.	Thick
FURR.	Furring	T.O.	Top Of
		T.O.C.	Top Of Concrete
GA.	Gauge	T.O.S.	Top Of Steel
GALV.	Galvanized	TYP.	Typical
G.B.	Grab Bar	U.O.N.	Unless Otherwise Noted
G.D.	Garbage Disposal	UP.	Upper
GYP. BD.	Gypsum Wallboard	V.C.T.	Vinyl Composition Tile
H.B.	Hose Bibb	VEN.	Vener
H.C.	Hollow Core	VER.	Very
HDWD.	Hardwood	VEST.	Vestibule
H.M.	Hollow Metal	V.I.F.	Verify In Field
HR.	Hour	W/	With
HT.	Height	W.C.	Wall Covering
		WD.	Wood
I.D.	Inside Diameter	W.R.	Water Resistant
I.F.	Inside Face	WR	Waste Receptacle
INS.	Insulation	W.S.	Wood Screw
INT.	Interior		
INTER.	Intermediate		

DRAWING INDEX

- A-000 TITLE SHEET
- A-001 SITE PLAN / ACCESS INFO
- A-200 PLANS ⊙ ACCESSIBLE TOILET RM 1 & FULLY ASSISTED TOILET RM 2
- A-210 PLANS ⊙ FULLY ASSISTED TOILET RM 3
- A-220 PLANS ⊙ FULLY ASSISTED TOILET RM 4 & 5
- A-300 GENERAL CONSTRUCTION NOTES & SCHEDULES
- A-500 DETAILS
- A-501 DETAILS

SSP STRUCTURAL SPECIFICATIONS

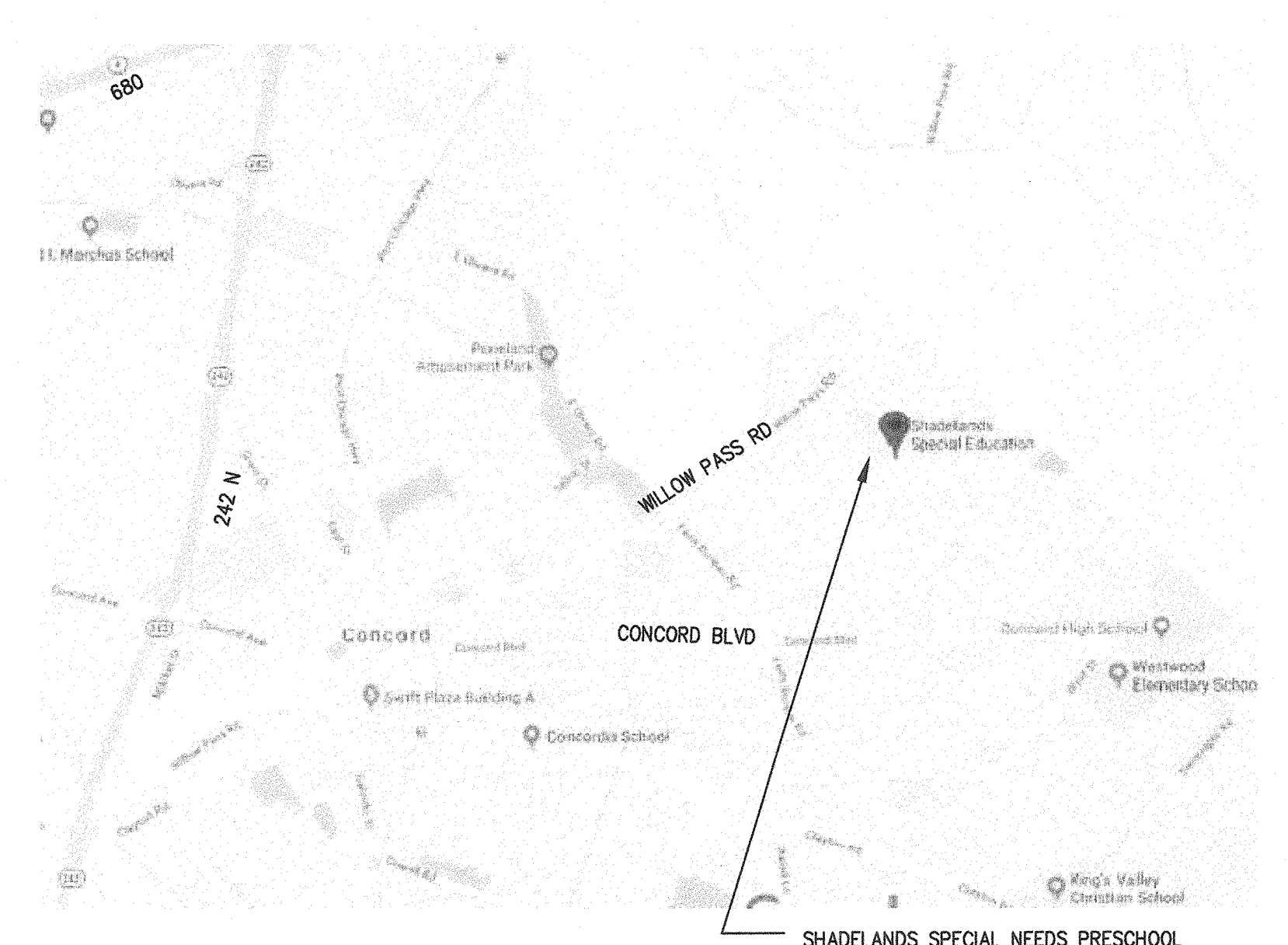
INCLUDED FOR DSA REFERENCE ONLY - AS BUILT DRAWINGS

NONE

H. MAX PEYVAN DATE 3/12/18
 LICENSE NUMBER: C-27121 EXPIRATION DATE: 09/30/2019

Total 22 dwgs

PROJECT LOCATION



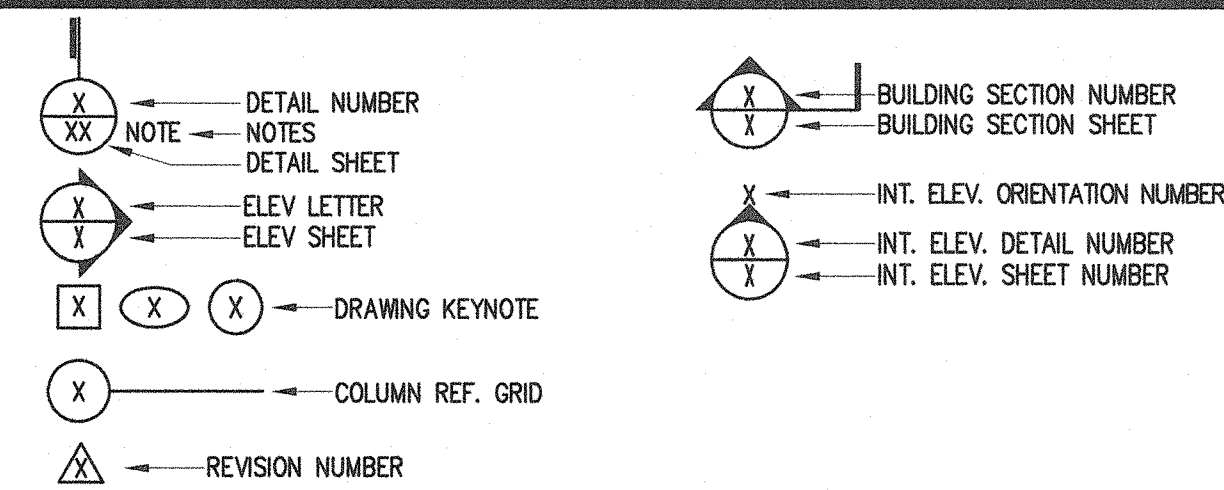
SCOPE OF WORK NO DEFERRED SUBMITTAL ITEMS ON THIS PROJECT NO SQUARE FOOTAGE ADDED TO THE BUILDINGS

SCOPE OF WORK FOR THE PROJECT IS LIMITED TO CBC 11B-202.4 EXCEPTION #3 ITEM#2 AND IS LIMITED TO THE ACTUAL SCOPE OF WORK OF THE PROJECT.

THE SCOPE OF WORK OF THIS PROJECT INCLUDES (BUT IS NOT LIMITED TO):

- THE SCOPE CONSISTS OF:
1. ACCESSIBLE UPGRADE OF STUDENTS' RESTROOM AT RM 1
 2. RESTROOM UPGRADE AT ROOM 2 - FULLY ASSISTED
 3. RESTROOM UPGRADE AT ROOM 3 - FULLY ASSISTED
 3. RESTROOM UPGRADE AT ROOM 4 - FULLY ASSISTED
 4. RESTROOM UPGRADE AT ROOM 5 - FULLY ASSISTED

SYMBOLS

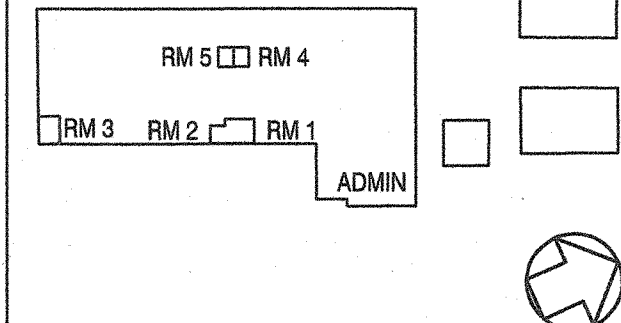


PROJECT REQUIREMENTS

1. ALL DEMOLITION & CONSTRUCTION WORK SHALL COMPLY WITH 2016 CFC CHAPTER 33 "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION"
2. EMERGENCY VEHICLE ACCESS ROADS AND ON-SITE FIRE HYDRANTS SHALL BE IN SERVICE AND OPERABLE PRIOR TO LOADING THE SITE WITH COMBUSTIBLE MATERIAL.
3. EXISTING ACCESSIBLE ROUTES TO ALL FACILITIES AND BUILDING THAT ARE OPERATIONAL DURING CONSTRUCTION PHASE SHALL REMAIN UNOBSTRUCTED, SAFE AND USABLE BY PEOPLE WITH DISABILITIES.
4. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE CURRENT EDITION OF THE CALIFORNIA BUILDING CODE, CMC, CPC, CEC AND ALL APPLICABLE LOCAL CODES, ORDINANCES, AND STATE AMENDMENTS.
5. THE CONTRACTOR SHALL CHECK ALL DRAWINGS IMMEDIATELY UPON THEIR RECEIPT AND SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. ARCHITECTS AND ENGINEERS SHALL BE NOTIFIED OF ANY DISCREPANCIES.
6. WHEN DETAILS LABELED "TYPICAL" OR "SIMILAR" ARE GIVEN ON DRAWINGS, THE CONTRACTOR SHALL APPLY THE INTENT OF THE DETAIL TO ALL SIMILAR CONDITIONS THAT IT APPLIES.
7. CONNECTIONS AND IMPLIED CONSTRUCTION ASSEMBLIES THAT ARE NOT SPECIFICALLY DESCRIBED OR DETAILED SHALL BE CONSTRUCTED USING STANDARD CONSTRUCTION PRACTICES IN COMPLIANCE WITH THE GOVERNING CODES AND ORDINANCES.

PROJECT TITLE:
VOLUNTARY ACCESSIBLE UPGRADE TO STUDENTS' RESTROOMS SHADELANDS SPECIAL NEEDS PRESCHOOL

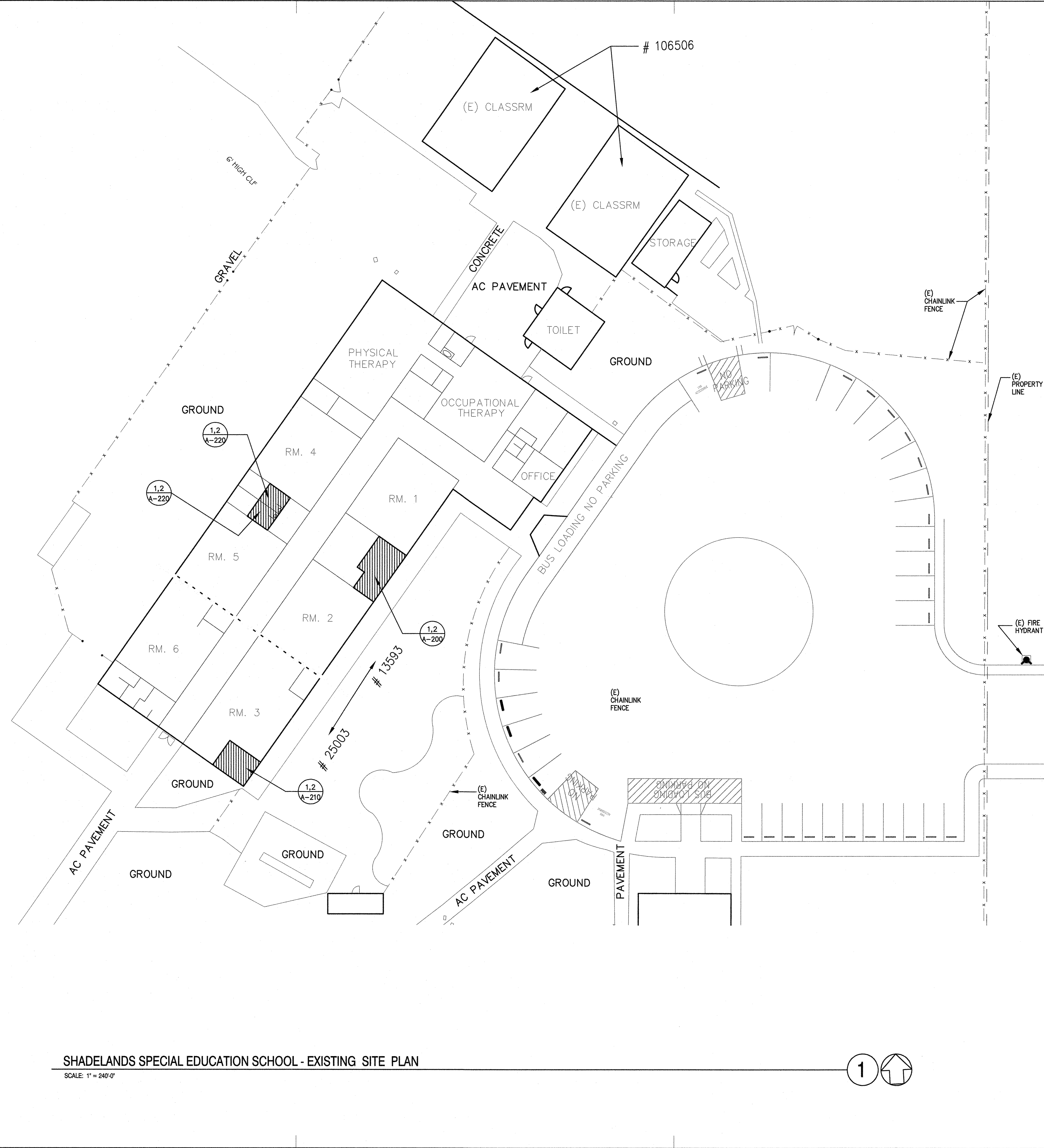
KEY PLANS:



REVISIONS:

date	description	symbol
1/6/2018	DSA PROJECT SUBMITTAL	
3/14/2018	DSA BACKCHECK	
3/16/2018	FINAL BID SET	

PHD ARCHITECTS JOB # 17-215
 SCALE: AS NOTED DATE: 3/14/18
 SHEET NAME & NUMBER: TITLE SHEET
A-000



EXISTING BUILDING DATA

BUILDING	DESCRIPTION	AREA	OCC.	CONTS. TYPE
TOILETS RM 1 AND 2	BOYS AND GIRLS TOILET THIS APPLICATION	300 SQ. FT	E-1	V-B
TOILETS RM 3	BOYS AND GIRLS TOILET THIS APPLICATION	200 SQ. FT	E-1	V-B
TOILETS RM 4	BOYS AND GIRLS TOILET THIS APPLICATION	100 SQ. FT	E-1	V-B
TOILETS RM 5	BOYS AND GIRLS TOILET THIS APPLICATION	100 SQ. FT	E-1	V-B

BID & CONSTRUCTION REQUIREMENTS

THE CONTRACTOR IS REQUIRED TO VERIFY IN FIELD ACTUAL EXISTING EXPOSED CONDITION AND EXTENT OF DEMOLITION AND CONSTRUCTION REQUIRED TO PERFORM THE JOB PRIOR TO BID - NOT ALL EXISTING CONDITIONS ARE SHOWN ON THE DRAWINGS.

THE ABOVE IS APPLICABLE FOR THE EXTERIOR AND THE INTERIOR OF THE BUILDING WITHIN THE AREA OF THE SCOPE OF WORK.

IT IS UNDERSTOOD THAT THESE APPROVED DRAWINGS ARE SHOWING THE INTENT OF THE SCOPE OF WORK AND ASSUMPTIONS HAVE BEEN MADE. CONTINGENCY FOR REMOVAL/RE-ROUTING, RE-CONSTRUCTING, RE-SIZING EXISTING INTERIOR & EXTERIOR UTILITY LINES SUCH AS (BUT NOT LIMITED TO) GAS, SEWER, WATER, DRAINS, CLEAN-OUTS, WALL & CEILING MOUNTED FIRE ALARM EQUIPMENT, MONITOR DEVICES & SENSORS, LIGHTING FIXTURES & EQUIPMENT, ELECTRICAL BOXES, PLUGS & SWITCHES AND RELATED CABLES & CONDUITS (CONCEALED AND NOT) MUST BE INCLUDED ON THE BASE BID.

THE DISTRICT HAS MADE AVAILABLE ALL AS-BUILT INFORMATION FOR THE CONTRACTOR TO ASSES SCOPE AS ACCURATE AS POSSIBLE PRIOR TO FINAL BID.

WITH THE ABOVE THE CONTRACTOR IS ADVISED AND AGREES THAT THE DISTRICT WILL NOT NEGOTIATE ADDITIONAL COMPENSATIONS ON ITEMS NOT SHOWN ON THE DRAWINGS BUT, VISIBLE AND/OR EXPOSED AND REASONABLY ASSUMED FROM THE PROJECT SCOPE AND OBVIOUSLY REQUIRED TO BE PERFORMED IN ORDER TO ATTAIN A COMPLETE AND FINISHED PRODUCT

SHEET LEGEND

- SCOPE OF WORK
- NO WORK IS PROPOSED IN (E) BUILDING
- (E) FIRE HYDRANT
- (E) PROPERTY LINE
- (E) CHAIN LINK FENCE

M/E/P Component Anchorage Note
 All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA approved construction documents. Where no detail is indicated, the following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2016 CBC, Sections 1616A.1.18 through 1616A.1.26 and ASCE 7-10 Chapter 13, 26 and 30.

- All permanent equipment and components.
- Temporary or movable equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas or water.
- Movable equipment which is stationed in one place for more than 8 hours and heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component are required to be anchored with temporary attachments.

The following mechanical and electrical components shall be positively attached to the structure, but the attachment need not be detailed on the plans. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit.

- Components weighing less than 400 pounds and have a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.
- Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

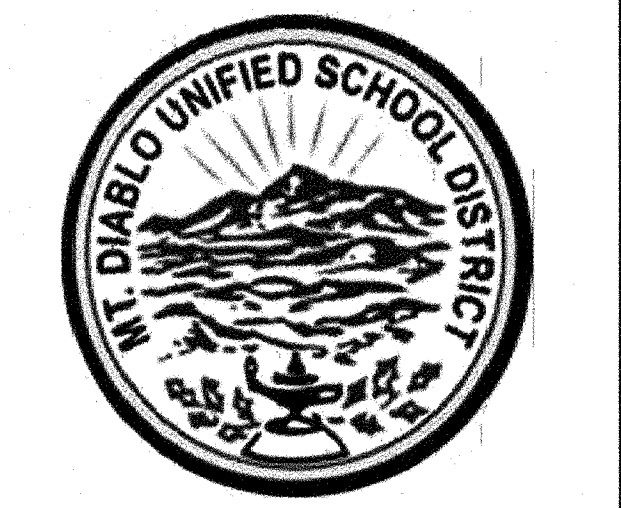
For those elements that do not require details on the approved drawings, the installation shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and the DSA District Structural Engineer. The project inspector will verify that all components and equipment have been anchored in accordance with above requirements.

Piping, Ductwork, and Electrical Distribution System Bracing Note
 Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-10 Section 13.3 as defined in ASCE 7-10 Section 13.6.5.6, 13.6.7, 13.6.8, and 2016 CBC, Sections 1616A.1.24, 1616A.1.25 and 1616A.1.26.

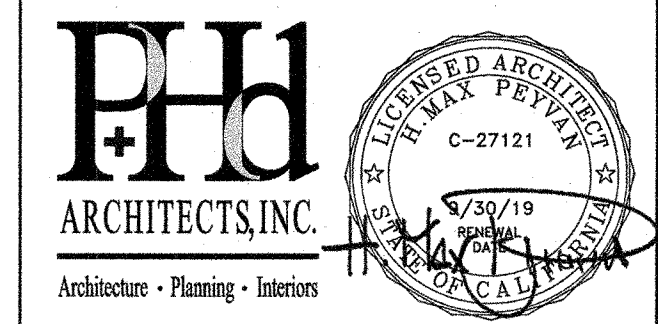
The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on a preapproved installation guide (e.g., SMACNA or OSHPD OPM), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution systems. The Structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP), Electrical Distribution Systems (E):

- MP MD PP E - Option 1: Detailed on the approved drawings with project specific notes and details.
- MP MD PP E - Option 2: Shall comply with the applicable OSHPD Pre-Approval (OPM #) _____
- MP MD PP E - Option 3: Shall comply with the SMACNA Seismic Restraint Manual, OSHPD Edition (2009), including any addenda. Fasteners and other attachments not specifically identified in the SMACNA Seismic Restraint Manual, OSHPD Edition, are detailed on the approved drawings with project specific notes and details. The details shall account for the applicable Seismic Hazard Level _____ and Connection Level _____ for the project and conditions.



1936 Carlotta Dr.,
Concord, CA 94519

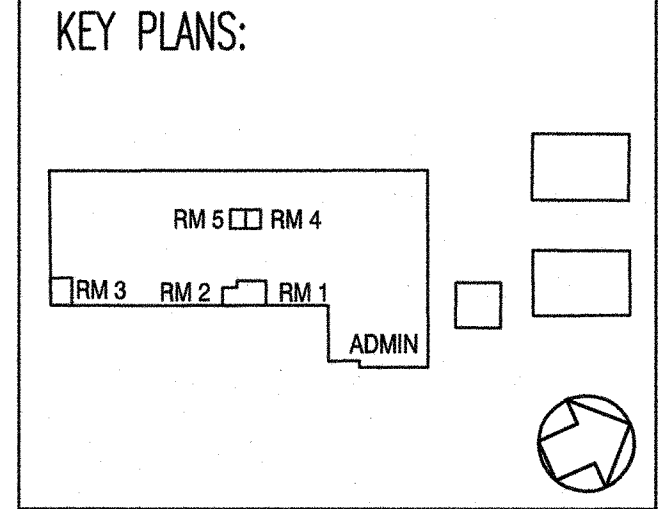


3211 Ronino Way
Lafayette, California 94549
925.949.8333 tel.

STRUCTURAL ENGINEER
TSA STRUCTURAL ENGINEERS
433 AIRPORT BLVD., #106E
BURLINGAME, CA 94010
TEL. (650) 620-9555

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE # 7-29
APPL # 01-117192
AC *FLS* *AW* SS *EDF*
DATE MAR 14 2018

PROJECT TITLE:
VOLUNTARY ACCESSIBLE
UPGRADE TO STUDENTS'
RESTROOMS
SHADELANDS
SPECIAL NEEDS
PRESCHOOL



REVISIONS:

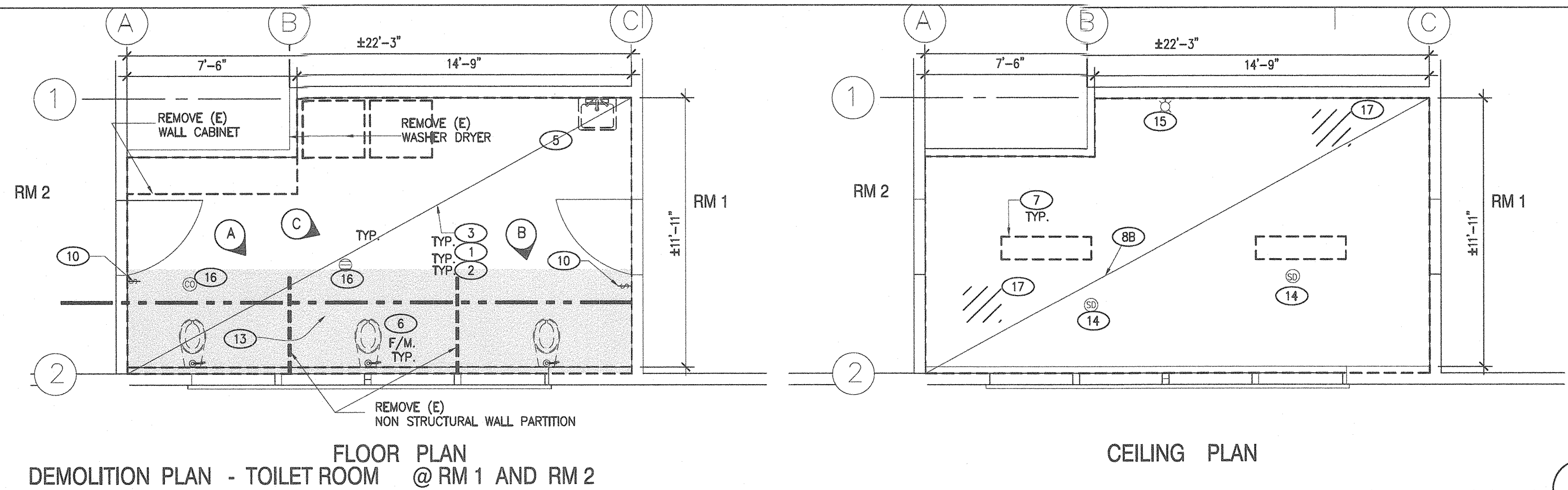
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1/16/2018	DSA PROJECT SUBMITTAL	
3/14/2018	DSA BACKCHECK	
3/16/2018	FINAL BID SET	

PHD ARCHITECTS JOB #
17-215

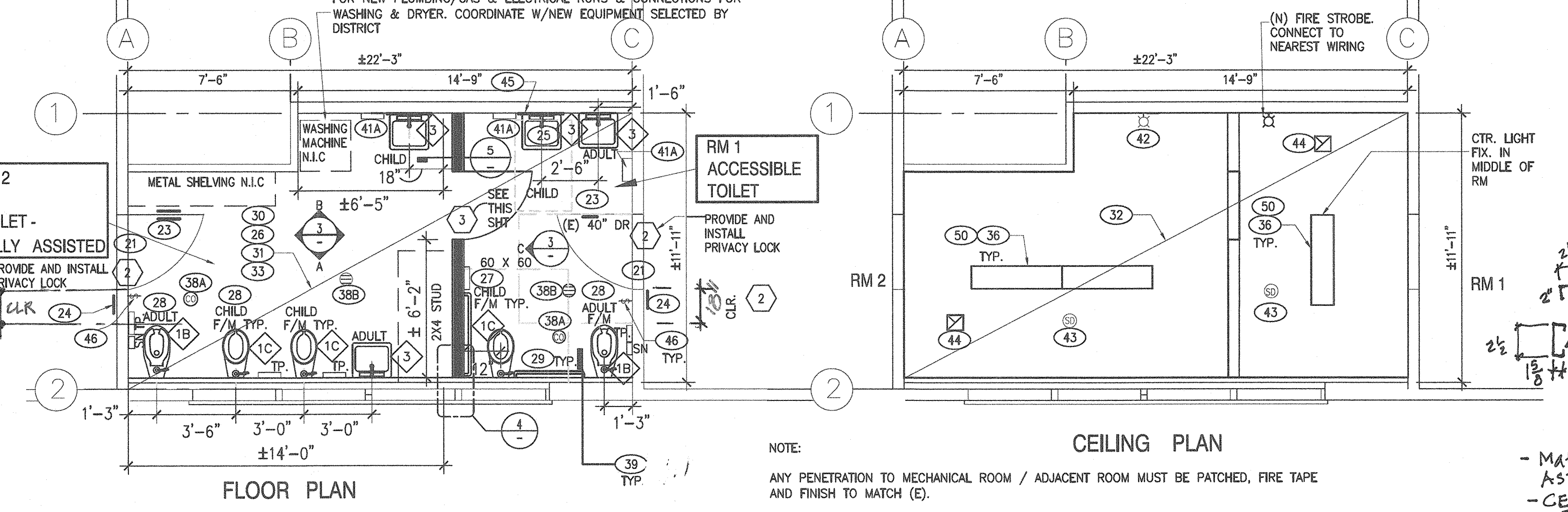
SCALE:
AS NOTED

DATE:
3/14/18

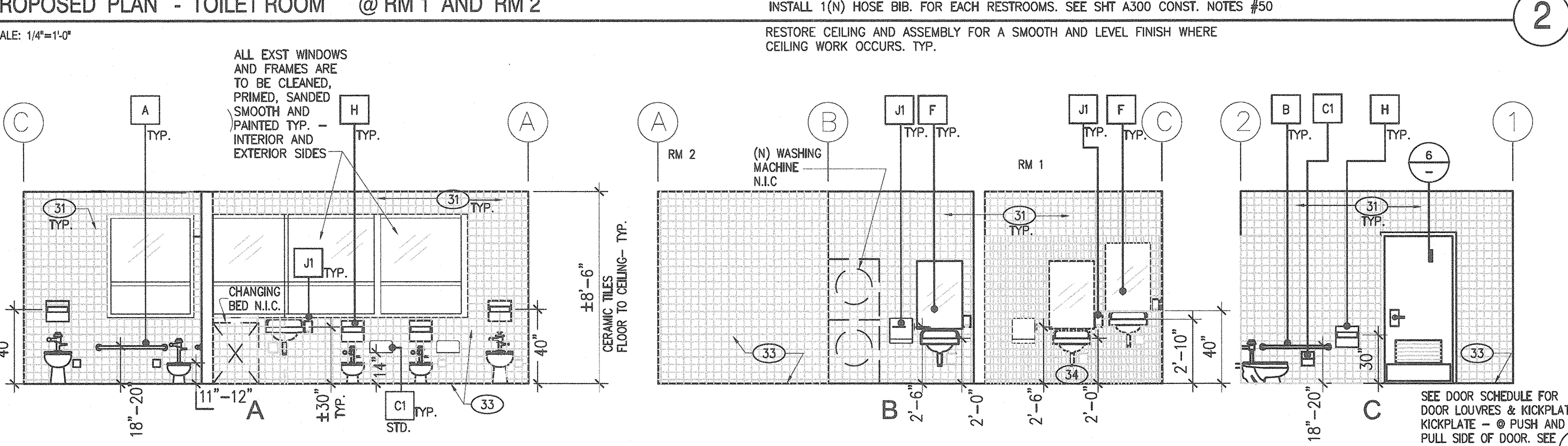
SHEET NAME & NUMBER:
SITE PLAN /
ACCESS INFO.
A-001



DEMOLITION PLAN - TOILET ROOM @ RM 1 AND RM 2



PROPOSED PLAN - TOILET ROOM @ RM 1 AND RM 2



INTERIOR ELEVATIONS - RESTROOM AT RM 1 AND RM 2

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

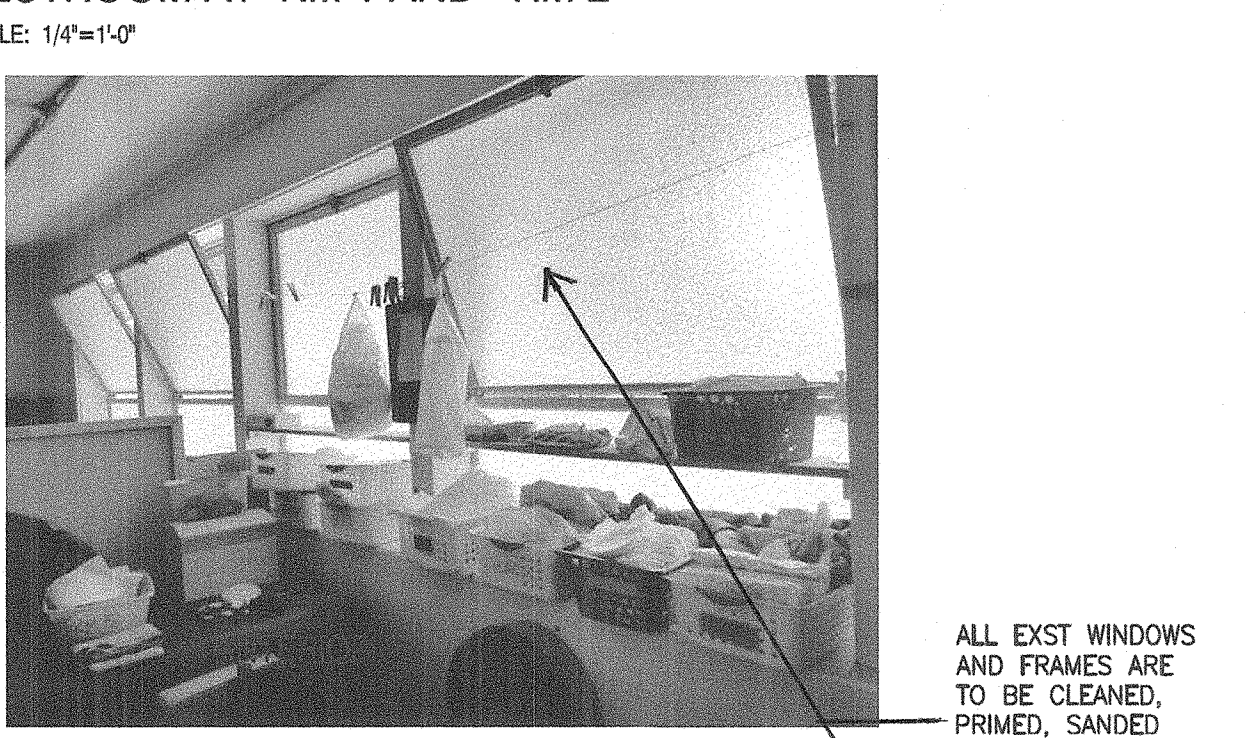


PHOTO A - EXISTING CONDITION

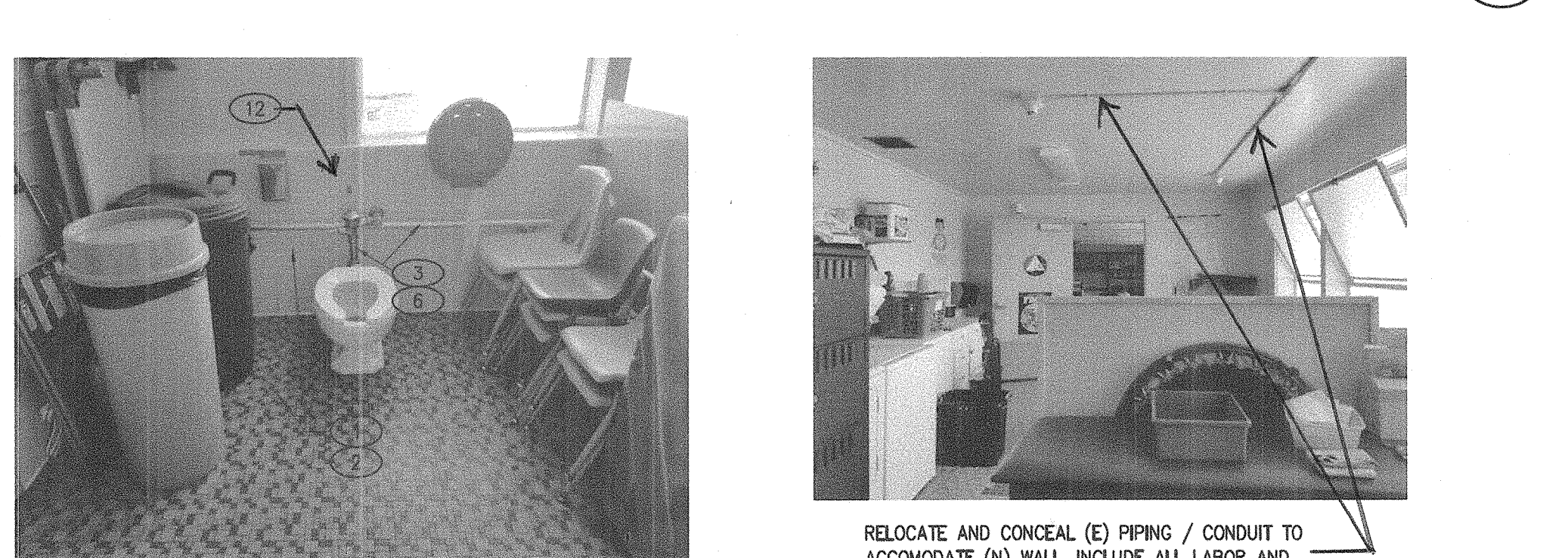


PHOTO B - EXISTING CONDITION

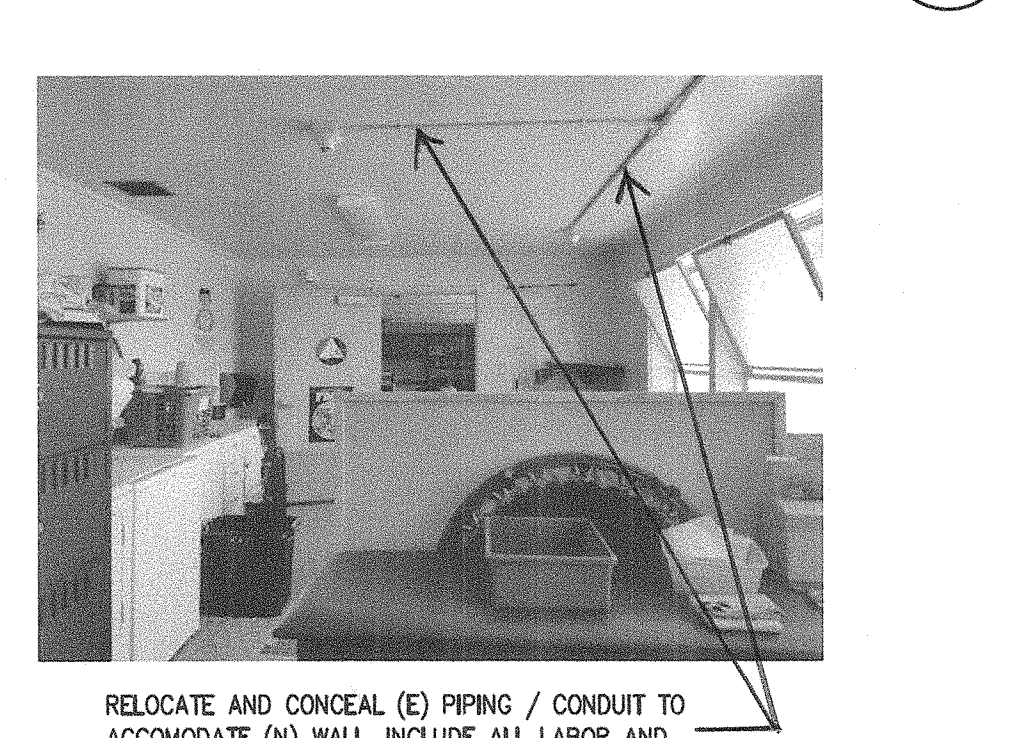
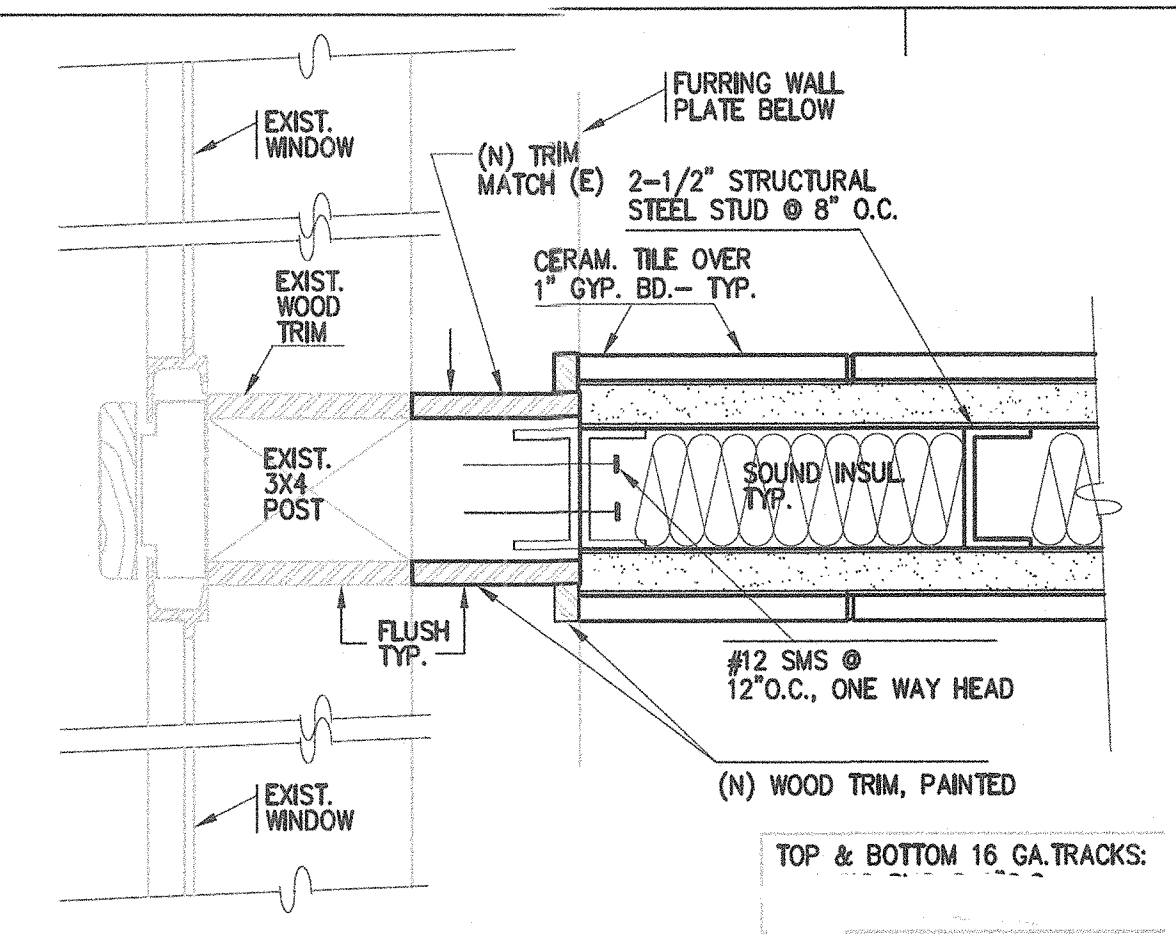


PHOTO C - EXISTING CONDITION AT CEILING

RELOCATE AND CONCEAL (E) PIPING / CONDUIT TO ACCOMMODATE (N) WALL. INCLUDE ALL LABOR AND MATERIAL TO RE-RUN (N) PIPING/CONDUIT THROUGH THE WALL BET. STUDS & CLG. JOIST. FILL ALL EXTERIOR & INTERIOR PENETRATIONS TIGHT & PER DETAIL.

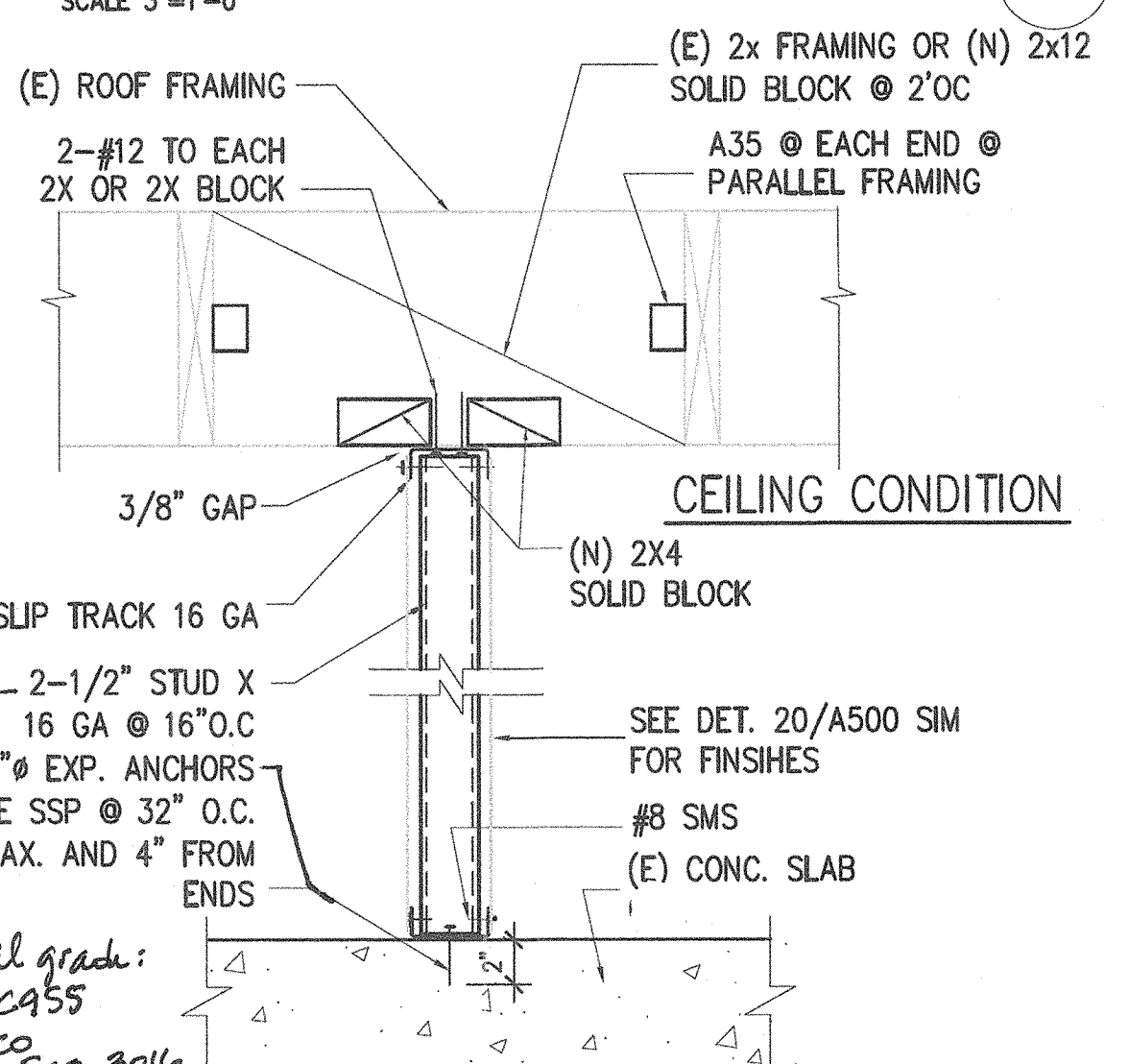
NOTE: CONTRACTOR SHALL VISIT, EXAMINE AND COORDINATE ALL RE-ROUTING OF (E) PIPES AND CONDUITS. REFER GENERAL NOTES #22 SHEET A-300

PHOTO C - EXISTING CONDITION AT CEILING



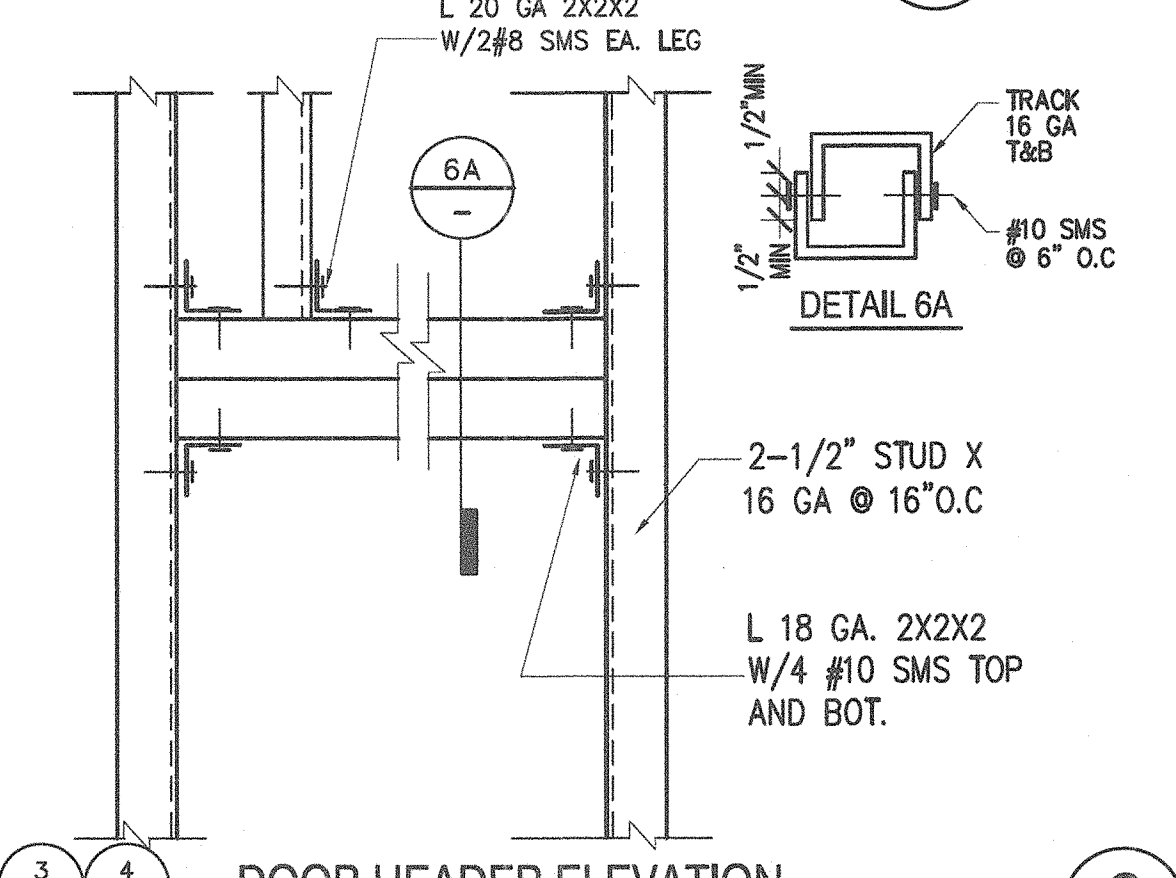
TOILET PARTITION - FULL HEIGHT (PLAN VIEW)

SCALE: 3\"/>



CEILING CONDITION

SCALE: 1-1/2\"/>



DOOR HEADER ELEVATION

SCALE: 1-1/2\"/>

NEW DOOR SCHEDULE
DR 3'X7' X 1-3/4\"/>

CONSTRUCTION KEYNOTES cont.

- 45 MIRROR; COORDINATE WITH 11 EA. @ LAV.
- 46 KEYLESS LIGHT SWITCH (MUST INTERLOCK W/ EXHAUST FAN ON-OFF)
- 47 SEE CONSTRUCTION NOTES #6 SHEET A-300 FOR TOILET COMPARTMENT PARTITION - NOT USED
- 48 CENTER URINAL BETWEEN PARTITION SCREENS - SEE CONSTRUCTION NOTE #50 SHEET A-300 FOR URINALS - NOT USED
- 49 NOT USED
- 50 ADD COMPLETE WIRING AND ASSEMBLY FOR ADDITIONAL LIGHTING FIXTURES

LEGEND

- # SEE SHT A-300 FOR PLUMBING SCHEDULE
- # SEE SHT A-300 FOR DOOR SCHEDULE
- # SEE SHT A-300 FOR TOILET ACCESSORIES SCHEDULE
- F/M FLOOR MOUNTED
- W/N WALL MOUNTED
- SN SANITARY NAPKIN
- TP TOILET PAPER DISPENSER
- SC SEAT COVER
- NT NAPKIN/TAMPON DISPENSER
- 2-1/2\"/>

DEMOLITION KEYNOTES

- 1 DEMOLISH EXISTING WALL FINISHES (UP TO THE STUDS) FLOOR TO CEILING. (INCLUDING TILES & THICK GROUT / GYP. BD. / PLASTER ASSEMBLY AS REQUIRED). INCLUDE ALL DEMOLITION REQUIRED FOR THE INSTALLATION OF THE NEW PLUMBING LINES & NEW BLOCKING OUT, CAP & PROTECT EXISTING PLUMBING & ELECTRICAL LINES IF SCHEDULED TO REMAIN, AS NEEDED. (E) FLOOR / DIAGONAL SHEATHING SHALL NOT BE REMOVED UNLESS APPROVED BY THE DSA DIST. ENG.
- 2 DEMOLISH THE EXISTING FINISH FLOOR ASSEMBLY (INCLUDING THE GROUT BED) & BASE ASSEMBLY AS REQUIRED. REMOVE ALL FLOOR MOUNTED CLEAN-OUT COVERS & DRAIN (FOR REPLACEMENT). (NOTES: THE GROUT BED THICKNESS VARIES. REFER TO THE DEMOLITION NOTE #6 SHEET A-300. THE EXISTING FINISHED TILE FLOOR SLOPES TOWARDS THE DRAINS)
- 3 REMOVE ALL EXISTING TOILET ACCESSORIES & ASSEMBLY (AS APPLICABLE BUT NOT LIMITED TO): SOAP DISPENSER, PAPER DISPENSER, MIRROR, WASTE RECEPTACLE ETC.)
- 4 REMOVE EXISTING TOILET PARTITIONS SYSTEM & ASSEMBLY (INCLUDING ANCHORS, ETC.) - NOT USED
- 5 REMOVE EXISTING LAVATORY (& ASSEMBLY)
- 6 REMOVE EXISTING TOILET/URNAL FIXTURE (& ASSEMBLY)
- 7 REMOVE THE EXISTING LIGHT FIXTURES (& ASSEMBLY)
- 8 WHERE NOTED REMOVE: A) EXIST. CLG. GLEED-ON TILES & PLASTER ASSEMBLY (INCL. THE LATH OR WOOD STRIPING) (V.I.F (E) CLG. CONST.) OR B) PLASTER CLG. AND ASSEMBLY INCL. THE LATH
- 9 DEMOLISH THE EXISTING NON-LOAD-BEARING PARTITION (INCLUDING ASSEMBLY & CEILING/GYP) - NOT USED
- 10 REPLACE THE EXISTING LIGHT SWITCH CONTROL PLATE WITH NEW KEYLESS LIGHT SWITCH
- 11 WHERE NOTED, PROVIDE DEMOLITION FOR THE EXISTING CONCRETE DOOR LANDING - NOT USED
- 12 DEMO THE EXISTING (NON-LOAD-BEARING) PARTITION/WALL & ASSEMBLY (INCLUDING THE CONCRETE CURB) AS NEEDED & PREPARE FOR THE NEW PLUMBING WORK - SEE #7/8/9 FOR TYP. PIPE SIZING - NOT USED
- 13 DEMO/SAWCUT THE EXISTING CONCRETE FLOOR (& ASSEMBLY) AS NEEDED TO INSTALL & CONNECT THE NEW TOILETS AND/OR URINALS TO THE PLUMBING UTILITIES. (NOTES: REFER TO THE DEMOLITION NOTE #6 SHEET A-300 FOR GROUT BED & CONCRETE SLAB ASSEMBLY & THICKNESS. THE EXISTING FINISHED TILE FLOOR SLOPES TOWARDS THE DRAINS 1/8\"/>

CONSTRUCTION KEYNOTES

IMPORTANT: ALL DEMOLITION & CONSTRUCTION KEYNOTES ON THIS SHEET MUST BE COORDINATED WITH SHEET A-300 NOTES FOR ADDITIONAL SCOPE OF WORK

** FOLLOW ACCESSIBLE MOUNTING HEIGHT TABLE ON SHEET A-300

- 21 ~~EXISTING~~ DOOR THRESHOLD, PER 8 A.500
- 22 TOILET COMPARTMENT PARTITION/DOOR SYSTEM (& ASSEMBLY); SEE 1 A.500 & 2 A.500 COORDINATE WITH NOTES & SCHEDULES ON SHEET A-300 - NOT USED
- 23 DOOR SIGN, BOTH SIDES INT. AND EXT. SEE 3 15 UNISEX A.500 A.500
- 24 ROOM ID. SIGN, PER 4 15 UNISEX A.500 A.500
- 25 ACCESSIBLE LAVATORY; SEE FIXTURE SCHEDULE ON SHEET A-300
- 26 CERAMIC TILE FLOOR SYSTEM (SLOPE 1/8\"/>

CONSTRUCTION KEYNOTES cont.

- 37A WHERE NOTED: URINAL SCREEN (24\"/>

PHD ARCHITECTS JOB #

17-215

SCALE:

AS NOTED

DATE:

3/14/18

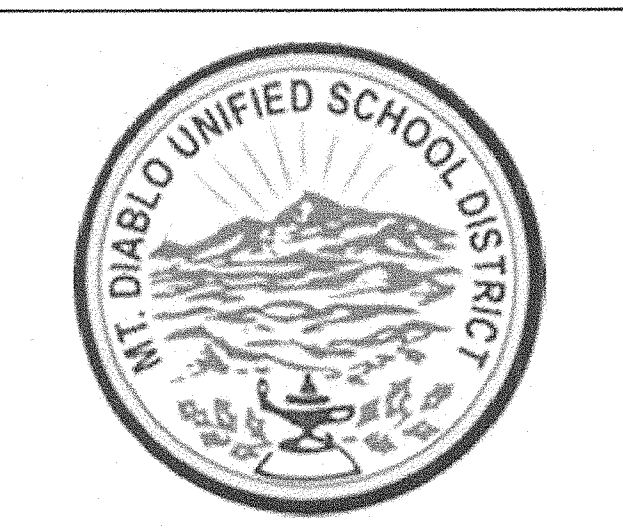
SHEET NAME & NUMBER:

PLANS @ ACCESSIBLE

TOILET RM 1 & FULLY

ASSISTED TOILET RM 2

A-200



1936 Carlotta Dr.,
Concord, CA 94519



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Lafayette, California 94549
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DIVISION OF THE STATE ARCHITECT

FILE # 7-29
APPL # 01-117192

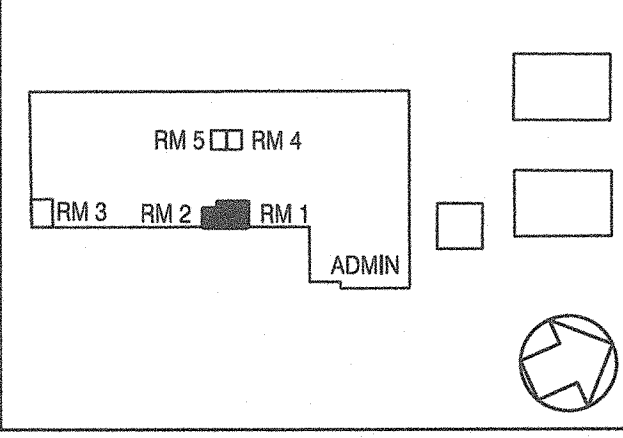
AC. *AW* FLS. *AW* SS *AW*

DATE: *3/14/18*

PROJECT TITLE:

VOLUNTARY ACCESSIBLE
UPGRADE TO STUDENTS'
RESTROOMS
SHADELANDS
SPECIAL NEEDS
PRESCHOOL

KEY PLANS:



REVISIONS:

date	description	symbol
1/16/2018	DSA PROJECT SUBMITTAL	
3/14/2018	DSA BACKCHECK	
3/16/2018	FINAL BID SET	

PHD ARCHITECTS JOB #

17-215

SCALE:

AS NOTED

DATE:

3/14/18

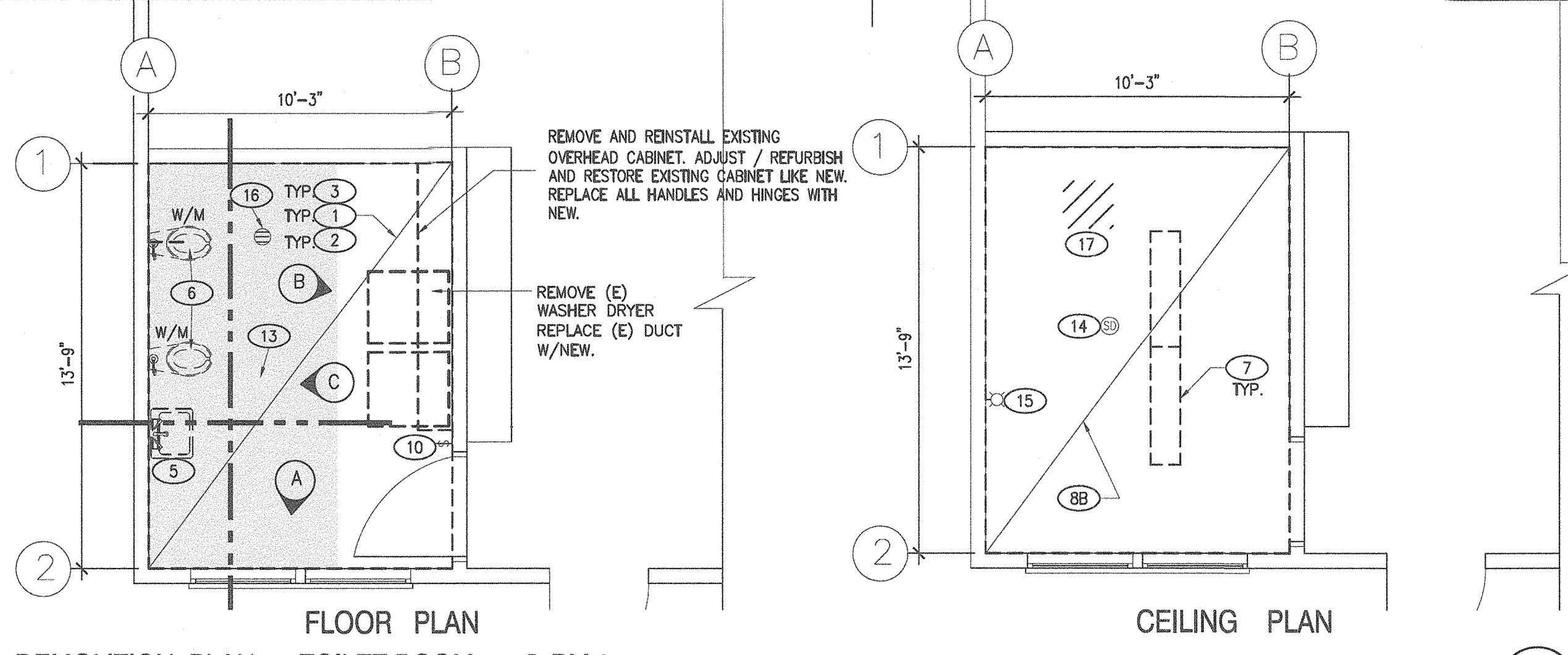
SHEET NAME & NUMBER:

PLANS @ ACCESSIBLE

TOILET RM 1 & FULLY

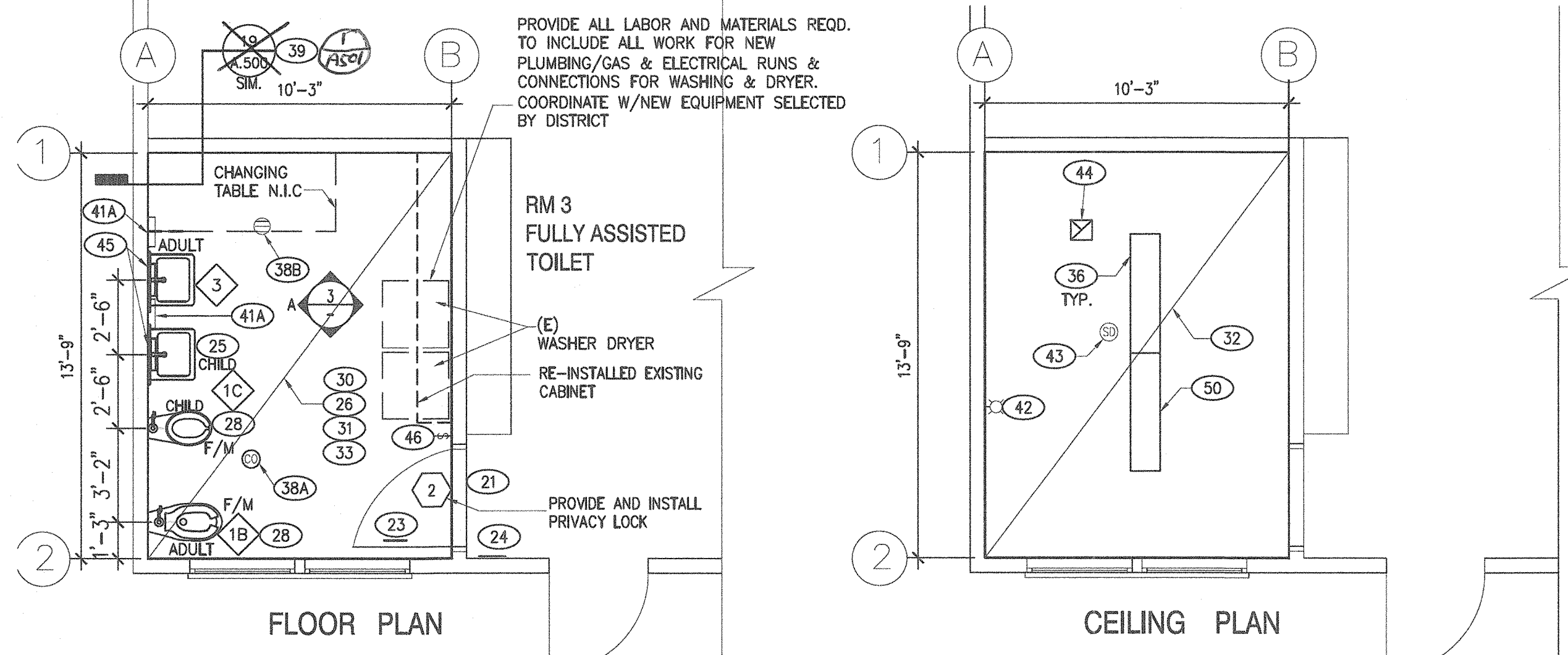
ASSISTED TOILET RM 2

A-200



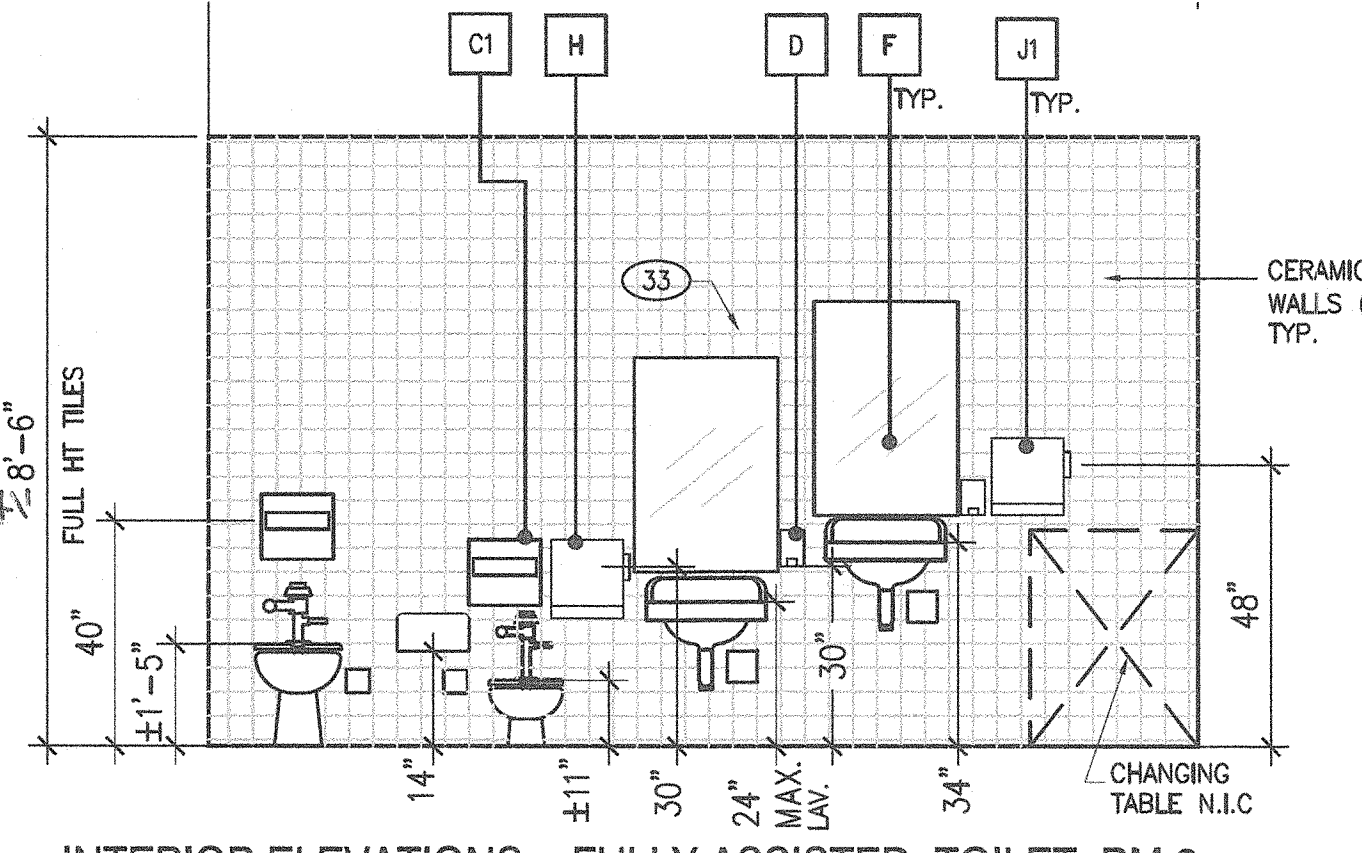
DEMOLITION PLAN - TOILET ROOM @ RM 3

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



PROPOSED PLAN - FULLY ASSISTED TOILET ROOM @ RM 3

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



INTERIOR ELEVATIONS - FULLY ASSISTED TOILET RM 3

SCALE: 3/8"=1'-0"

NOTE:
ANY PENETRATION TO MECHANICAL ROOM / ADJACENT ROOM MUST BE PATCHED, FIRE TAPE AND FINISH TO MATCH (E).
SEE SSP SHEET FOR EXHAUST FAN STRUCTURAL DETAIL.
INSTALL 1(N) HOSE BIB. FOR EACH RESTROOMS. SEE SHT A300 CONST. NOTES #50

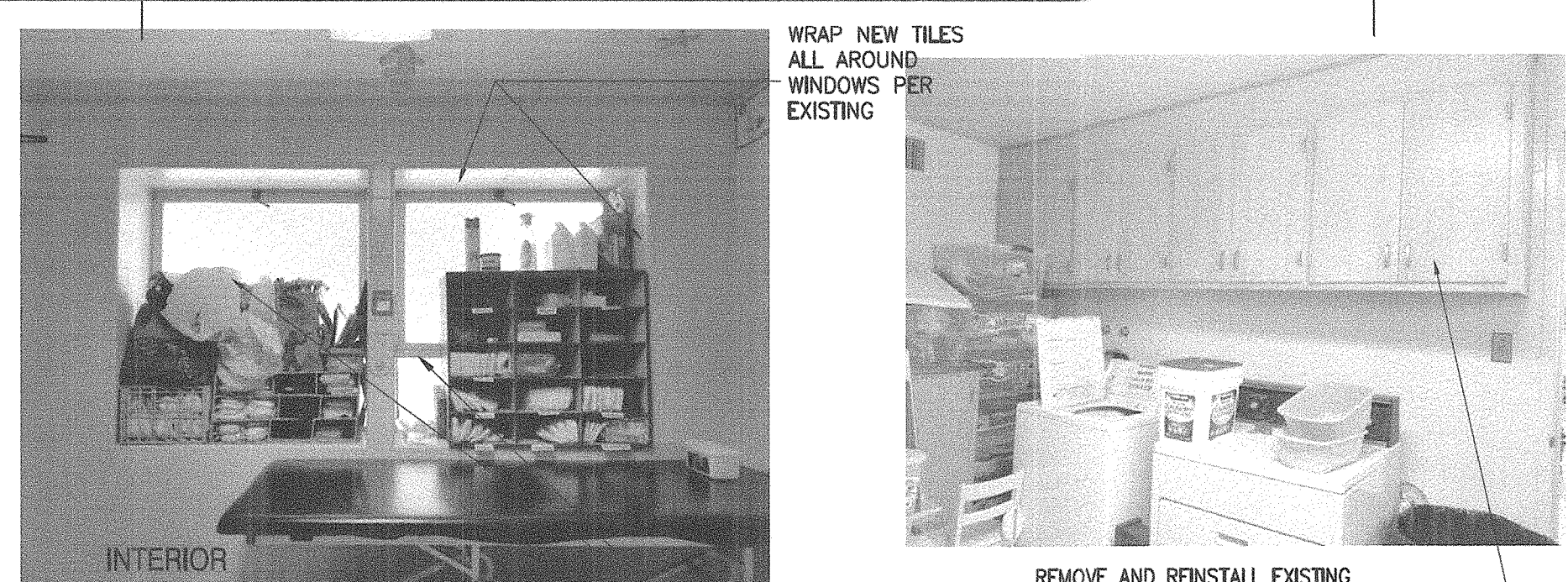


PHOTO A

WRAP NEW TILES ALL AROUND WINDOWS PER EXISTING

ALL EXIST WINDOWS AND FRAMES ARE TO BE CLEANED, PRIMED, SANDED SMOOTH, PAINTED AND CAULK TYP. - INTERIOR AND EXTERIOR SIDES

REMOVE AND REINSTALL EXISTING OVERHEAD CABINET. REFURBISH AND RESTORE EXISTING CABINET LIKE NEW. STAINED AND FINISH LIKE NEW. STAIN COLOR TO BE DETERMINE. REPLACE ALL HANDLES AND HINGES WITH NEW.

PHOTO B



PHOTO C

RELOCATE AND CONCEAL (E) PIPING / CONDUIT. INCLUDE ALL LABOR AND MATERIAL TO RE-RUN (N) PIPING/CONDUIT THROUGH THE WALL BET. STUDS & CLG. JOIST WHERE REQD. FILL ALL EXTERIOR & INTERIOR PENETRATIONS TIGHT & PER DETAIL

NOTE: CONTRACTOR SHALL VISIT, EXAMINE AND COORDINATE ALL RE-ROUTING OF (E) PIPES AND CONDUITS. REFER GENERAL NOTES #22 SHEET A300

EXISTING CONDITION AT CEILING / WALL

NOTE: SEE THE CUT SHEETS FOR CONTRASTING TILE PATTERN REQUIREMENTS. TYP. FOR ALL RESTROOMS IN THIS PROJECT.

DEMOLITION KEYNOTES

- DEMOLISH EXISTING WALL FINISHES (UP TO THE STUDS) FLOOR TO CEILING. (INCLUDING TILES & THICK GROUT / GYP. BD. / PLASTER ASSEMBLY AS REQUIRED). INCLUDE ALL DEMOLITION REQUIRED FOR THE INSTALLATION OF THE NEW PLUMBING LINES & NEW BLOCKING OUT, CAP & PROTECT EXISTING PLUMBING & ELECTRICAL LINES IF SCHEDULED TO REMAIN, AS NEEDED. (E) PLYMO / DIAGONAL SHEATHING SHALL NOT BE REMOVED UNLESS APPROVED BY THE DSA DIST. ENG.
- DEMOLISH THE EXISTING FINISH FLOOR ASSEMBLY (INCLUDING THE GROUT BED) & BASE ASSEMBLY AS REQUIRED. REMOVE ALL FLOOR FINISHES - CLEAN-OUT COVERS & DRAIN (FOR REPLACEMENT). (NOTES: THE GROUT BED THICKNESS VARIES. REFER TO THE DEMOLITION NOTE #6 SHEET A-300. THE EXISTING FINISHED TILE FLOOR SLOPES TOWARDS THE DRAINS)
- REMOVE ALL EXISTING TOILET ACCESSORIES & ASSEMBLY (AS APPLICABLE BUT NOT LIMITED TO): SOAP DISPENSER, PAPER DISPENSER, MIRROR, WASTE RECEPTACLE ETC.)
- REMOVE EXISTING TOILET PARTITIONS SYSTEM & ASSEMBLY (INCLUDING ANCHORS, ETC.) - NOT USED
- REMOVE EXISTING LAVATORY (& ASSEMBLY)
- REMOVE EXISTING TOILET/URNAL FIXTURE (& ASSEMBLY)
- REMOVE THE EXISTING LIGHT FIXTURES (& ASSEMBLY)
- WHERE NOTED REMOVE: A) EXIST. CLG. GLEED-ON TILES & PLASTER ASSEMBLY (INCL. THE LATH) OR WOOD STRIPPING (V.I.F. CLG. CONST.) OR B) PLASTER CLG. AND ASSEMBLY INCL. THE LATH - NOT USED
- DEMOLISH THE EXISTING NON-LOAD BEARING PARTITION (INCLUDING ASSEMBLY & COLUMN/CORNER) - NOT USED
- REPLACE THE EXISTING LIGHT SWITCH CONTROL PLATE WITH NEW KEYLESS LIGHT SWITCH
- WHERE NOTED, PROVIDE DEMOLITION FOR THE EXTERIOR CONCRETE DOOR LANDING - NOT USED
- DEMOLISH THE EXISTING (NON-LOAD BEARING) PARTITION/PURRED WALL & ASSEMBLY (INCLUDING THE CONCRETE CURB) AS NEEDED & PREPARE FOR THE NEW PLUMBING WORK - SEE #7/8/9 FOR TYP. PIPE SIZING LAYOUT - NOT USED
- DEMOLISH/REMOVE THE EXISTING CONCRETE FLOOR (& ASSEMBLY) AS NEEDED TO INSTALL & CONNECT THE NEW TOILETS AND/OR URINALS TO THE PLUMBING UTILITIES. (NOTES: REFER TO THE DEMOLITION NOTE #6 SHEET A-300 FOR GROUT BED & CONCRETE SLAB ASSEMBLY & THICKNESS. THE EXISTING FINISHED TILE FLOOR SLOPES TOWARDS THE DRAINS 1/8" X FOOT; INCREASED CONC. THICKNESS AROUND FOOTINGS & FLOOR URINALS). SEE AS-BUILT REFERENCE SHEET FOR SIMILAR ASSEMBLY CONDITIONS. HOWEVER THE CONTRACTOR MUST EXAMINE THE AVAILABLE DISTRICT, SITE-SPECIFIC AS-BUILT SETS FOR ADDITIONAL INFORMATION. HATCHED AREA IS SCHEMATIC AND SHOWS INTENT ONLY
- EXISTING CEILING MOUNTED SMOKE DETECTOR (INCLUDE CONTINGENCY TO RE-LOCATE AT 36" MIN. FROM EXHAUST FAN & 12" FROM LIGHT FIXTURE
- EXISTING WALL MOUNTED FIRE ALARM STROBE @ WALL TO BE RE-INSTALLED AT SAME LOCATION
- REMOVE THE EXISTING FLOOR DRAIN & ASSEMBLY / CLEAN OUT & ASSEMBLY - COORDINATE WITH NOTE #32 SHEET A-300
- DEMOLISH/OUT (E) CEILING/ROOF ASSEMBLY FOR THE NEW EXHAUST FAN. V.I.F. FOR BEST LOCATION
- REMOVE EXISTING DOOR AND DOOR FRAME ASSEMBLY - NOT USED

CONSTRUCTION KEYNOTES

IMPORTANT: ALL DEMOLITION & CONSTRUCTION KEYNOTES ON THIS SHEET MUST BE COORDINATED WITH SHEET A-300 NOTES FOR ADDITIONAL SCOPE OF WORK
** FOLLOW ACCESSIBLE MOUNTING HEIGHT TABLE ON SHEET A-300

- EXTERIOR DOOR THRESHOLD, PER (B) A.500 - NOT USED
- TOILET COMPARTMENT PARTITION DOOR SYSTEM (& ASSEMBLY) - SEE (1) (2) A.500 A.500 - COORDINATE WITH NOTES & SCHEDULES ON SHEET A-300
- DOOR SIGN, BOTH SIDES INT. AND EXT. SEE (3) (15) UNISEX A.500 A.500
- ROOM ID. SIGN, PER (4) (15) UNISEX A.500 A.500
- ACCESSIBLE LAVATORY; SEE FIXTURE SCHEDULE ON SHEET A-300
- CERAMIC TILE FLOOR SYSTEM (SLOPE 1/8" X FT. MIN. TO 1/4" X FT. MAX.) TO THE FLOOR DRAIN(S). NEW FLOOR NOT TO EXCEED 1:48 SLOPE IN ALL DIRECTIONS. FINISH FLOOR MUST BE STABLE, FIRM & SLIP RESISTANT FOR THE USE INTENDED
- NOT USED
- TOILET FIXTURE & FLUSHOMETER; CTR. BETWEEN TOILET STALLS; COORDINATE WITH THE FIXTURE SCHEDULE & CONSTRUCTION NOTES ON SHEET A-300 - NOT USED
- GRAB BAR, SEE (12) SHEET A-300 FOR MOUNTING HEIGHT & REQUIREMENTS - NOT USED
- PATCH/RECONSTRUCT THE CONCRETE FLOOR SYSTEM (& ASSEMBLY) PER (7) A.500
- 5/8" (MIN.) GYP. BOARD WALL SHEETING & PAINT FINISH (@ WALL); COORDINATE WITH THE FINISH SCHEDULES ON SHEET A-300
- 5/8" (MIN.) GYP. BOARD CEILING ATTACHED TO (E) CEILING FRAMING. PREP AND PAINT FINISH. COORDINATE WITH THE CONSTRUCTION NOTE #20, #4 ON SHEET A-300
- 5/8" (MIN.) GYP. BOARD WALL SHEETING & CERAMIC TILES WITH COVED BASE, ALL WALLS. SEE FINISH SCHEDULES ON SHEET A-300
- WRAP P-TRAPS & WATER SUPPLY WITH UNDER-SINK PROTECTORS (USE SNAP-LOCK FASTENERS)
- WHERE NOTED, NEW CONCRETE LANDING. SAME AS NOTE #6 SHEET A-300 - NOT USED
- CEILING MOUNTED (NOT-SUSPENDED) LIGHT FIXTURE (14LB). INSTALL PER MANUF. RECOMMENDATIONS AND SSP SHEET. CONNECT TO THE (E) WIRING. LAY LIGHT FIX. PER PLAN. INCLUDE LABOR TO ADJUST/MOVE THE ASSEMBLY 12" FROM SMOKE DETECTOR. SEE CUT SHEETS

CONSTRUCTION KEYNOTES cont.

- MIRROR; COORDINATE WITH (11) A.500 - 1 EA. @ LAV.
- KEYLESS LIGHT SWITCH (MUST INTERLOCK W/ EXHAUST FAN ON-OFF)
- SEE CONSTRUCTION NOTES #6 SHEET A-300 FOR TOILET COMPARTMENT PARTITION - NOT USED
- CENTER URINAL BETWEEN PARTITION SCREENS. SEE CONSTRUCTION NOTE #50 SHT A300 - TYP. FOR URINALS - NOT USED
- NOT USED
- ADD COMPLETE WIRING AND ASSEMBLY FOR ADDITIONAL LIGHTING FIXTURES

LEGEND

#	SEE SHT A-300 FOR PLUMBING SCHEDULE	⊗	FIRE ALARM STROBE
#	SEE SHT A-300 FOR DOOR SCHEDULE	□	1 X 4 LIGHT FIXTURE
#	SEE SHT A-300 FOR TOILET ACCESSORIES SCHEDULE	⊙	CLEAN OUT / CO
F/M	FLOOR MOUNTED	⊖	FD FLOOR DRAIN -1/2"
W/M	WALL MOUNTED	⊕	MAX GRATE OPNG
SN	SANITARY NAPKIN	⊗	SMOKE DETECTOR
TP	TOILET PAPER DISPENSER	—	(E) SEWER LINE
SC	SEAT COVER	⊙	PHOTO REFERENCE
NT	NAPKIN/TAMPON DISPENSER	⊗	FRP WALL FINISHES

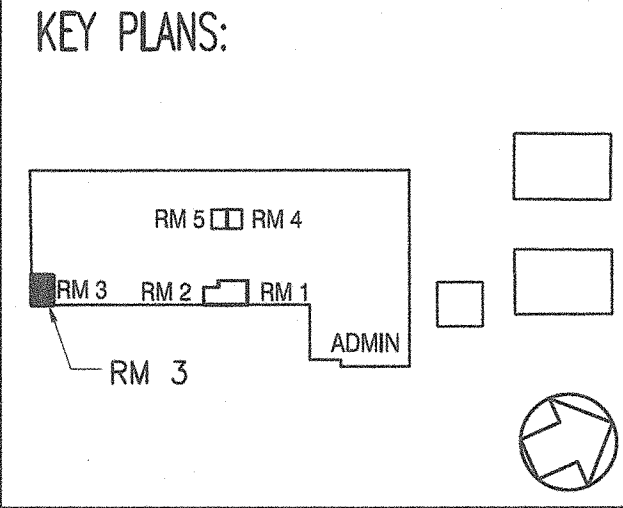


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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE # 7-29
APPL # 01-117192
AC *AW* FLS *AW* SS *BCF*
DATE *14* 2018

PROJECT TITLE:
VOLUNTARY ACCESSIBLE
UPGRADE TO STUDENTS'
RESTROOMS
SHADELANDS
SPECIAL NEEDS
PRESCHOOL



REVISIONS:

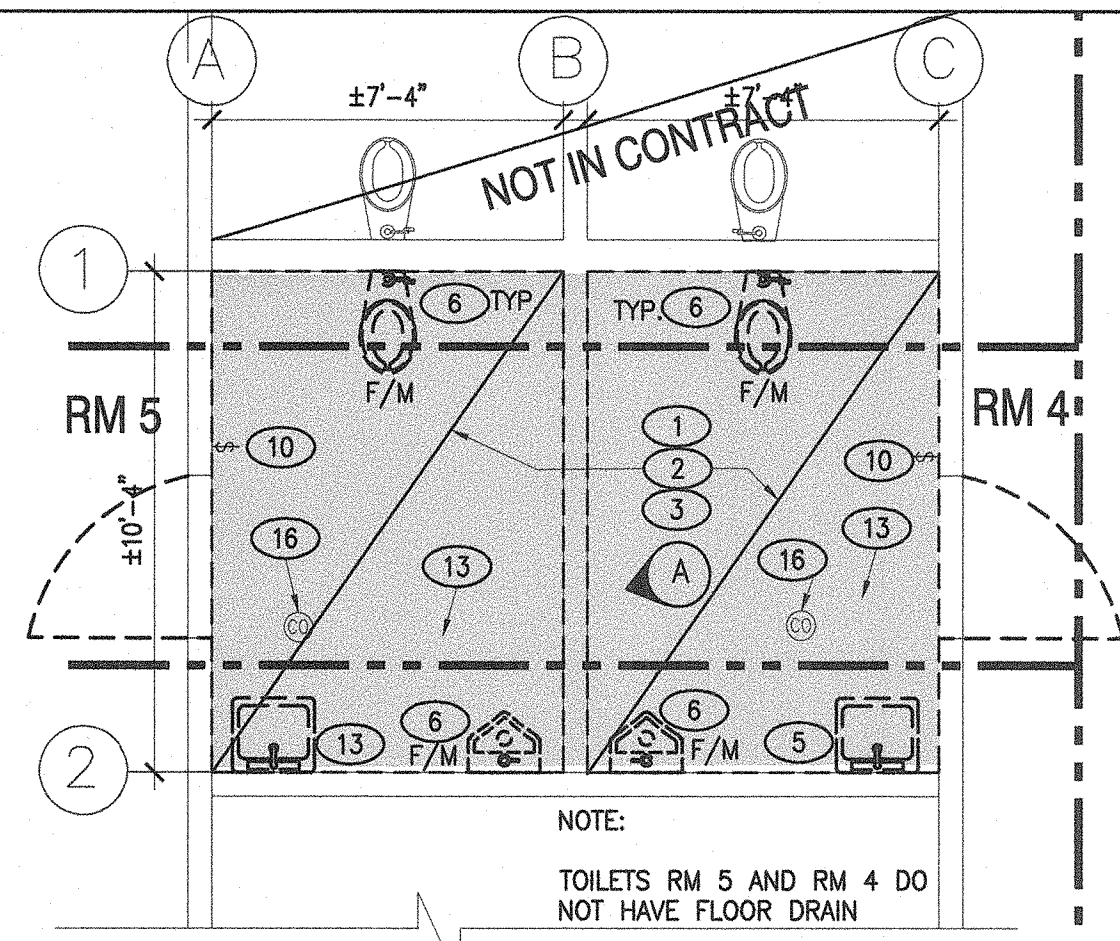
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3/14/2018	DSA BACKCHECK	
3/18/2018	FINAL BID SET	

PHD ARCHITECTS JOB #
17-215

SCALE:
AS NOTED

DATE:
3/14/18

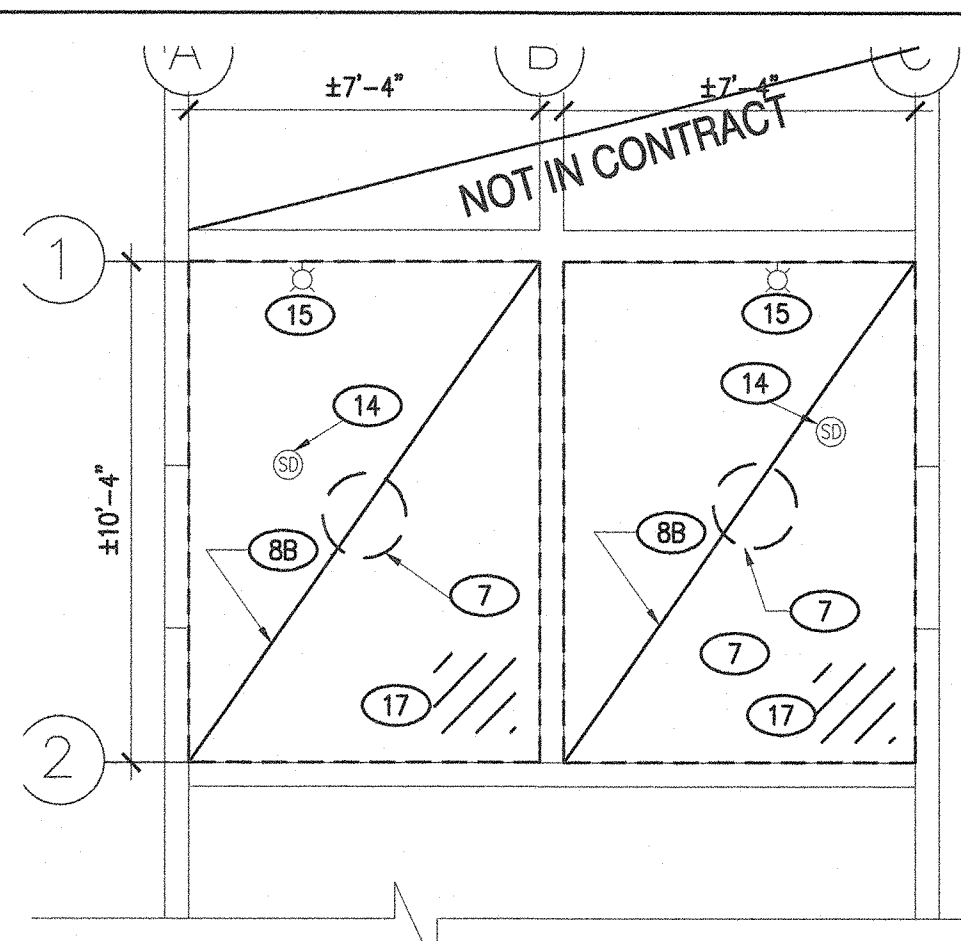
SHEET NAME & NUMBER:
PLANS @ FULLY ASSISTED
TOILET RM 3
A-210



FLOOR PLAN

DEMOLITION PLAN - TOILET ROOM @ RM 5 AND 4

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



CEILING PLAN



PHOTO A

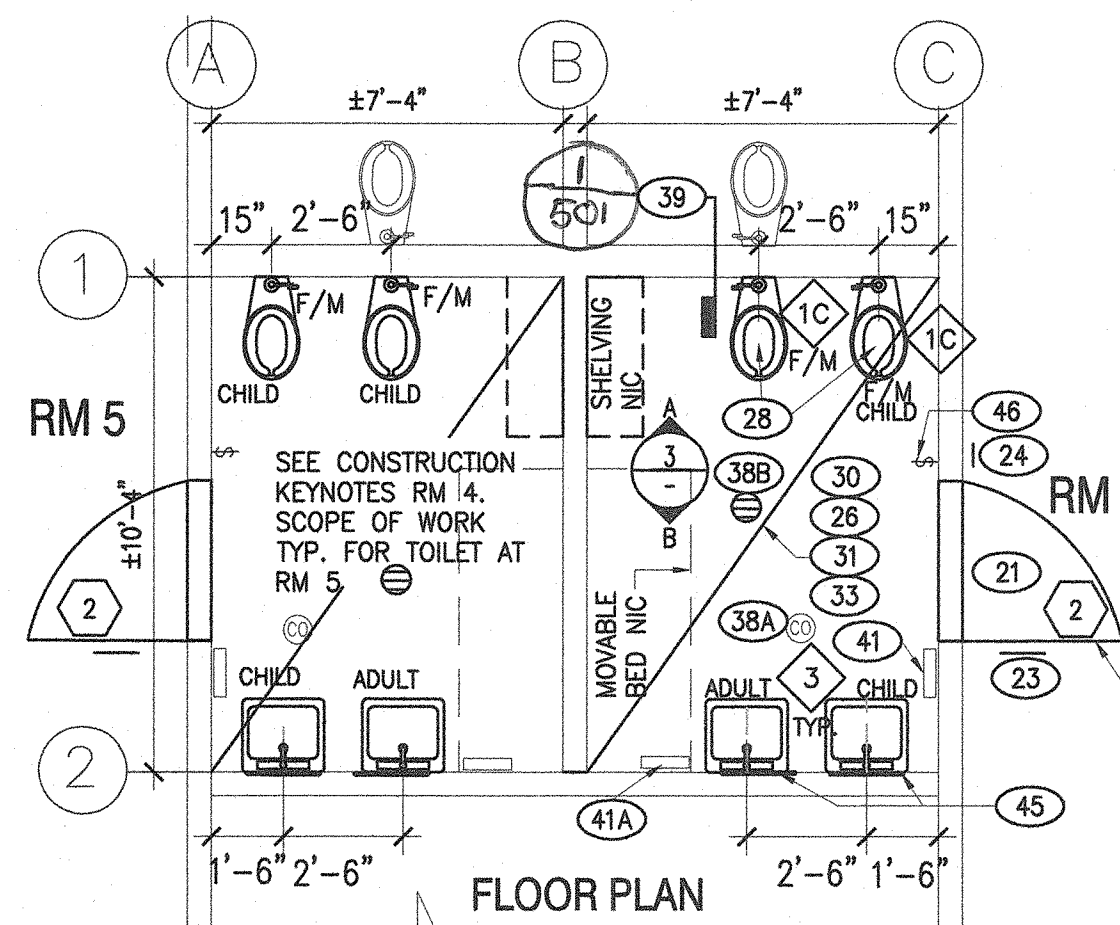
TYP. RESTROOM #4 AND #5:
RELOCATE AND CONCEAL (E) PIPING / CONDUIT. INCLUDE ALL LABOR AND MATERIAL TO RE-RUN (N) PIPING/CONDUIT THROUGH THE WALL (BET. STUDS) & CLG. JOIST. FILL ALL EXTERIOR & INTERIOR PENETRATIONS TIGHT & PER DETAIL.

NOTE: CONTRACTOR SHALL VISIT, EXAMINE AND COORDINATE ALL RE-ROUTING OF (E) PIPES AND CONDUITS. REFER GENERAL NOTES #22 SHEET A300



PHOTO B

SEE DOOR SCHEDULE SHEET A300 NOTES FOR EXISTING DOOR. NO CLOSER & PROVIDE (N) DOOR STOP. TYP. AT RESTROOM #4 AND #5



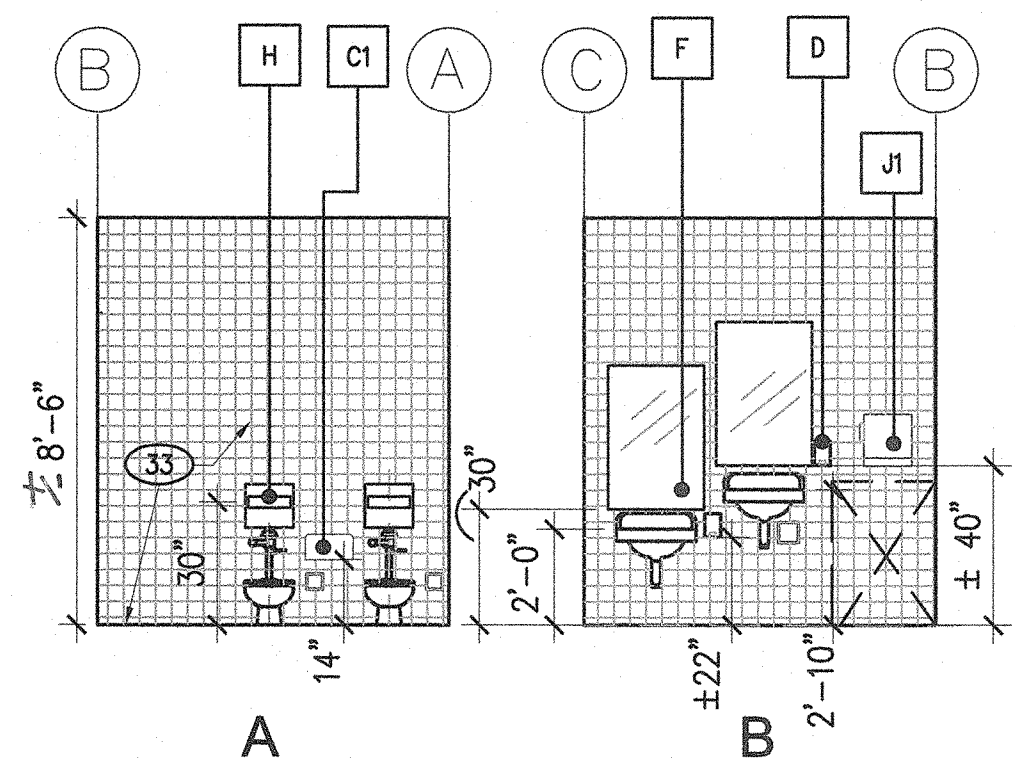
NOTE:
RM 4 AND RM 5 TOILETS ARE FULLY ASSISTED (NON ACCESSIBLE)

NOTE:
ANY PENETRATION TO MECHANICAL ROOM / ADJACENT ROOM MUST BE PATCHED, FIRE TAPE AND FINISH TO MATCH (E).
SEE SSP SHEET FOR EXHAUST FAN STRUCTURAL DETAIL

INSTALL 1(N) HOSE BIB. FOR EACH RESTROOMS. SEE SHT A300 CONST. NOTES #50

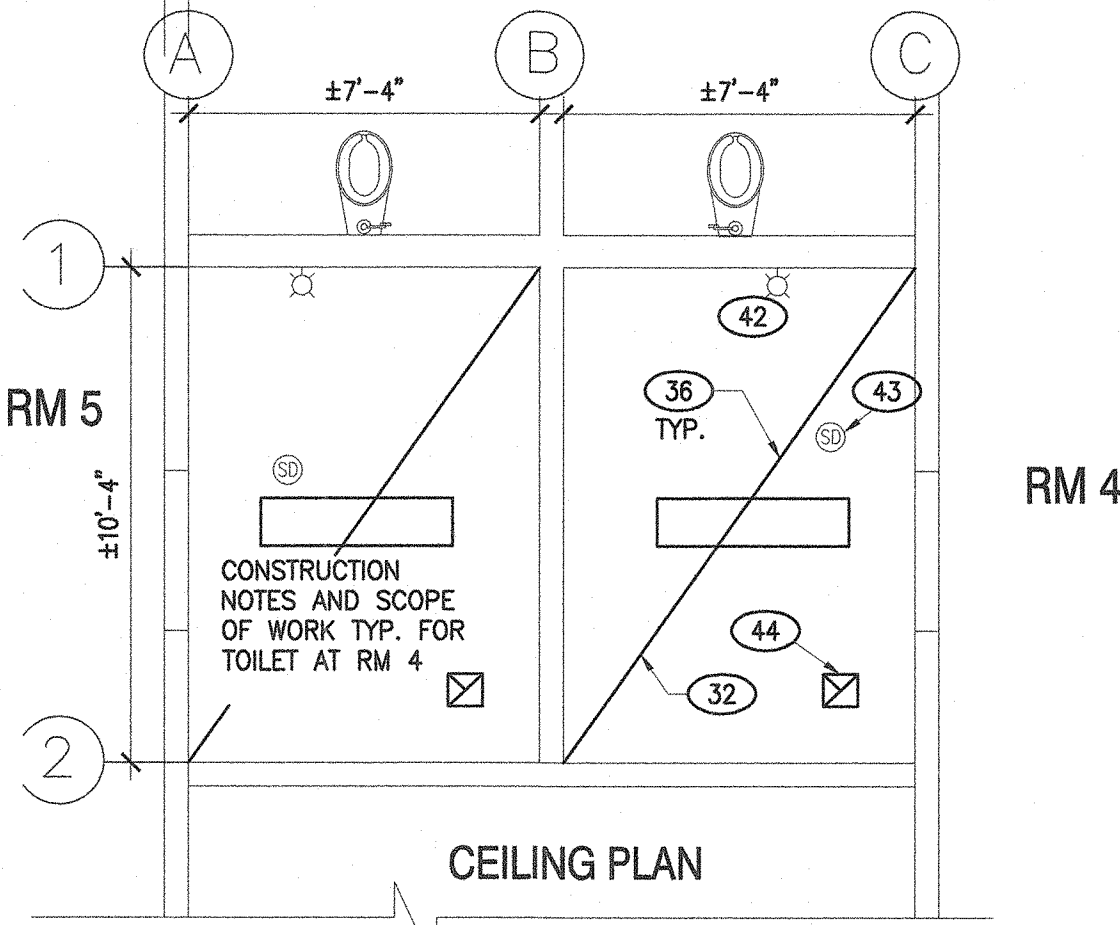
PROPOSED PLAN - FULLY ASSISTED NON ACCESSIBLE TOILET ROOMS @ RM 4 & 5

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



INTERIOR ELEVATIONS @ RM 4 - SIMILAR AT ROOM 5

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



CEILING PLAN

EXISTING CONDITION AT CEILING / WALL FOR TOILETS AT RM 5 AND 4

DEMOLITION KEYNOTES

- 1 DEMOLISH EXISTING WALL FINISHES (UP TO THE STUDS) FLOOR TO CEILING (INCLUDING TILES & THICK GROUT / GYP. BD. / PLASTER ASSEMBLY AS REQUIRED). INCLUDE ALL DEMOLITION REQUIRED FOR THE INSTALLATION OF THE NEW PLUMBING LINES & NEW BLOCKING. CUT, CAP & PROTECT EXISTING PLUMBING & ELECTRICAL LINES IF SCHEDULED TO REMAIN. AS NEEDED. (E) FLYND / DIAGONAL SHEATHING SHALL NOT BE REMOVED UNLESS APPROV BY THE DSA DIST. ENR.
- 2 DEMOLISH THE EXISTING FINISH FLOOR ASSEMBLY (INCLUDING THE GROUT BED) & BASE ASSEMBLY AS REQUIRED. REMOVE ALL FLOOR MOUNTED CLEAN-OUT COVERS & DRAIN (FOR REPLACEMENT). (NOTES: THE GROUT BED THICKNESS VARIES, REFER TO THE DEMOLITION NOTE #6 SHEET A-300. THE EXISTING FINISHED TILE FLOOR SLOPES TOWARDS THE DRAINS)
- 3 REMOVE ALL EXISTING TOILET ACCESSORIES & ASSEMBLY (AS APPLICABLE BUT NOT LIMITED TO): SOAP DISPENSER, PAPER DISPENSER, MIRROR, WASTE RECEPTACLE ETC.)
- 4 REMOVE EXISTING TOILET PARTITIONS SYSTEM & ASSEMBLY (INCLUDING ANCHORS, ETC.) NOT USED
- 5 REMOVE EXISTING LAVATORY (& ASSEMBLY)
- 6 REMOVE EXISTING TOILET/JURNAL FIXTURE (& ASSEMBLY)
- 7 REMOVE THE EXISTING LIGHT FIXTURES (& ASSEMBLY)
- 8 WHERE NOTED REMOVE: A) EXIST. CLG. GROUT-ON TILES & PLASTER ASSEMBLY (INCL. THE LATH) OR WOOD STRIPPING. (VLF (E) CLG CONST.) OR B) PLASTER CLG. AND ASSEMBLY INCL. THE LATH
- 9 DEMOLISH THE EXISTING NON-LOAD-BEARING PARTITION (INCLUDING ASSEMBLY & COLUMN/CURT) NOT USED
- 10 REPLACE THE EXISTING LIGHT SWITCH CONTROL PLATE WITH NEW KEYLESS LIGHT SWITCH
- 11 WHERE NOTED: PROVIDE DEMOLITION FOR THE EXTERIOR CONCRETE DOOR LANDING NOT USED
- 12 DEMO THE EXISTING (NON-LOAD BEARING) PARTITION/FIXED WALL & ASSEMBLY (INCLUDING THE CONCRETE CURB) AS NEEDED & PREPARE FOR INTERIORS/REWORK. SEE 17/A500 FOR TYP. PIPE SIZING LAYOUT
- 13 DEMO/SAWCUT THE EXISTING CONCRETE FLOOR (& ASSEMBLY) AS NEEDED TO INSTALL & CONNECT THE NEW TOILETS AND/OR URINALS TO THE PLUMBING UTILITIES. (NOTES: REFER TO THE DEMOLITION NOTE #6 SHEET A-300 FOR GROUT BED & CONCRETE SLAB ASSEMBLY & THICKNESS. THE EXISTING FINISHED TILE FLOOR SLOPES TOWARDS THE DRAINS 1/8" X FOOT; INCREASED CONC. THICKNESS AROUND FOOTINGS & FLOOR URINALS). SEE AS-BUILT REFERENCE SHEET FOR SIMILAR ASSEMBLY CONDITIONS. HOWEVER THE CONTRACTOR MUST EXAMINE THE AVAILABLE DISTRICT, SITE-SPECIFIC AS-BUILT SETS FOR ADDITIONAL INFORMATION. HATCHED AREA IS SCHEMATIC AND SHOWS INTENT ONLY.
- 14 EXISTING CEILING MOUNTED SMOKE DETECTOR (INCLUDE CONTINGENCY TO RE-LOCATE AT 36" MIN. FROM EXHAUST FAN & 12" FROM LIGHT FIXTURE)
- 15 EXISTING WALL MOUNTED FIRE ALARM STROBE @ WALL TO BE RE-INSTALLED AT SAME LOCATION
- 16 REMOVE THE EXISTING FLOOR DRAIN & ASSEMBLY / CLEAN OUT & ASSEMBLY - COORDINATE WITH NOTE #32, SHEET A-300
- 17 DEMOLISH/CUT (E) CEILING/ROOF ASSEMBLY FOR THE NEW EXHAUST FAN. VLF FOR BEST LOCATION NOT USED
- 18 REMOVE EXISTING DOOR AND DOOR FRAME ASSEMBLY NOT USED

CONSTRUCTION KEYNOTES

IMPORTANT: ALL DEMOLITION & CONSTRUCTION KEYNOTES ON THIS SHEET MUST BE COORDINATED WITH SHEET A-300 NOTES FOR ADDITIONAL SCOPE OF WORK
** FOLLOW ACCESSIBLE MOUNTING HEIGHT TABLE ON SHEET A-300

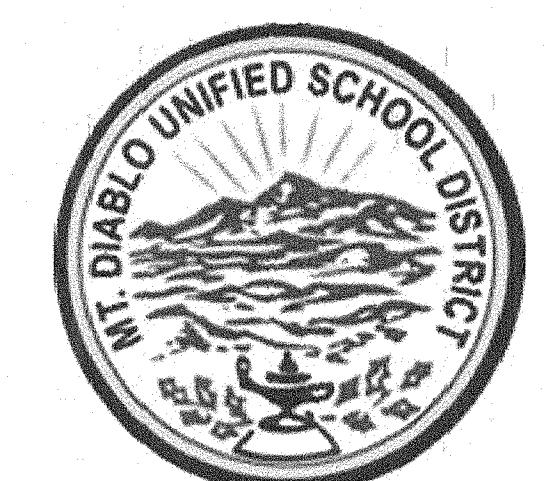
- 21 EXTERIOR DOOR THRESHOLD, PER 8 A.500 NOT USED
- 22 TOILET-COMPARTMENT-PARTITION/DOOR SYSTEM (& ASSEMBLY); SEE 1 2 A.500/A.500 COORDINATE WITH NOTES & SCHEDULES ON SHEET A-300
- 23 DOOR SIGN, BOTH SIDES INT. AND EXT. SEE 3 15 A.500/A.500 UNISEX
- 24 ROOM ID. SIGN, PER 4 15 A.500/A.500 UNISEX
- 25 ACCESSIBLE LAVATORY; SEE FIXTURE SCHEDULE ON SHEET A-300 NOT USED
- 26 CERAMIC TILE FLOOR SYSTEM (SLOPE 1/8" X FT. MIN. TO 1/4" X FT. MAX.) TO THE FLOOR DRAIN(S). NEW FLOOR NOT TO EXCEED 1:48 SLOPE IN ALL DIRECTIONS. FINISH FLOOR MUST BE STABLE, FIRM & SLIP RESISTANT FOR THE USE INTENDED
- 27 ACCESSIBLE TOILET ENCLOSURE & FLUSHMETER (LEVER TO BE ON THE OPEN SIDE) NOT USED COORDINATE WITH THE FIXTURE SCHEDULE & CONSTRUCTION NOTES ON SHEET A-300
- 28 TOILET FIXTURE & FLUSHMETER; COORD. BETWEEN TOILET STALLS; COORDINATE WITH THE FIXTURE SCHEDULE & CONSTRUCTION NOTES ON SHEET A-300
- 29 GRAB BAR, SEE 12 A.500 & SHEET A-300 FOR MOUNTING HEIGHT & REQUIREMENTS NOT USED
- 30 PATCH/RECONSTRUCT THE CONCRETE FLOOR SYSTEM (& ASSEMBLY) PER 7 A.500
- 31 5/8" (MIN.) GYP. BOARD WALL SHEETING & PAINT FINISH (@ WALL); COORDINATE WITH THE FINISH SCHEDULES ON SHEET A-300
- 32 5/8" (MIN.) GYP. BOARD CEILING ATTACHED TO (E) BEING FRAMING; PREP AND PAINT FINISH. COORDINATE WITH THE CONSTRUCTION NOTE #20, #4 ON SHEET A-300
- 33 5/8" (MIN.) GYP. BOARD WALL SHEETING & CERAMIC TILES WITH COVED BASE, ALL WALLS. SEE FINISH SCHEDULES ON SHEET A-300
- 34 WRAP P-TRAPS & WATER SUPPLY WITH UNDER-SINK PROTECTORS (USE SNAP-LOCK FASTENERS)
- 35 WHERE NOTED, NEW CONCRETE LANDING. SAME AS NOTE #3 SHEET A-300 NOT USED
- 36 CEILING MOUNTED (NOT-SUSPENDED) LIGHT FIXTURE (14LB). INSTALL PER MANUF. RECOMMENDATIONS AND SSP SHEET. CONNECT TO THE (E) WIRING. LAY LIGHT FIX. PER PLAN. INCLUDE LABOR TO ADJUST/MOVE THE ASSEMBLY 12" FROM SMOKE DETECTOR. SEE CUT SHEETS
- 37A WHERE NOTED: URINAL SCREEN (24" X 48 HT") ANGLE BRACKET TO WALL TOP OF SCREEN 60" FR. FFL AND BOT. OF SCREEN 12" MAX. FR. FFL NOT USED
- 37B WHERE NOTED: SCRANTON SCREEN (MATCH TOILET PARTITION); BRACE TO WALL & USE 1-1/2" SQ. FLOOR TO CLG. POSTS AT OPEN END NOT USED
- 38A PROVIDE NEW CLEAN-OUT ASSEMBLY
- 38B PROVIDE COMPLETE FLOOR DRAIN ASSEMBLY; LD GRATE ALONG OPNG. 1" MAX. 31.5" DIA. TYP. WITH CURB 5" OR COORDINATE WITH CONST. NOTE #32, #33 SHEET A-300 (E) WALL FRAMING TO REMAIN. SIM.
- 39 2X6 PARTITION/PLUMBING WALL SEE 19 A.500 (E) WALL FRAME TO REMAIN
- 40 AGENT-TILES (2-ROWS CONTINUOUS PATTERN) TYP. ALL WALLS NOT USED
- 41A PAPER TOWEL DISPENSER
- 41B ELECTRICAL HAND DRYER. COORD. CONST. NOTE #28 SHT A-300 FOR SCOPE/INFOR. NOT USED
- 42 EXISTING WALL MOUNTED FIRE ALARM STROBE (REINSTALLED AFTER WORK)
- 43 EXISTING CEILING MOUNTED SMOKE DETECTOR (SEE NOTE #14 ABOVE)
- 44 EXHAUST FAN (INCLUDING GRILLE); COORDINATE WITH CONSTRUCTION NOTE #1, #29 ON SHEET A-300. SEE DETAILS 18 5 A.500 & SSP SHEET FOR STRUCTURAL DETAIL

CONSTRUCTION KEYNOTES cont.

- 45 MIRROR; COORDINATE WITH 11 EA. @ LAV. A.500
- 46 KEYLESS LIGHT SWITCH (MUST INTERLOCK W/ EXHAUST FAN ON-OFF)
- 47 SEE CONSTRUCTION NOTES #6 SHEET A-300 FOR TOILET-COMPARTMENT-PARTITION NOT USED
- 48 SINKER URINAL BETWEEN PARTITION SCREENS. SEE CONSTRUCTION NOTE #56 SHT A300 TYP. FOR URINALS NOT USED
- 49 NOT USED
- 50 ADD COMPLETE WIRING AND ASSEMBLY FOR ADDITIONAL LIGHTING FIXTURES NOT USED

LEGEND

◆ SEE SHT A-300 FOR PLUMBING SCHEDULE	⊠ FIRE ALARM STROBE FIXTURE
◆ SEE SHT A-300 FOR DOOR SCHEDULE	□ 1 X 4 LIGHT FIXTURE
◆ SEE SHT A-300 FOR TOILET ACCESSORIES SCHEDULE	⊙ CLEAN OUT / CO
F/M FLOOR MOUNTED	⊙ FD FLOOR DRAIN -1/2"
W/M WALL MOUNTED	⊙ MAX GRATE OPNG
SN SANITARY NAPKIN	⊙ SMOKE DETECTOR
TP TOILET PAPER DISPENSER	⊙ (E) SEWER LINE
SC SEAT COVER	⊙ PHOTO REFERENCE
NT NAPKIN/TAMPON DISPENSER	⊙ FRP WALL FINISHES



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STRUCTURAL ENGINEER
TSA STRUCTURAL ENGINEERS

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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

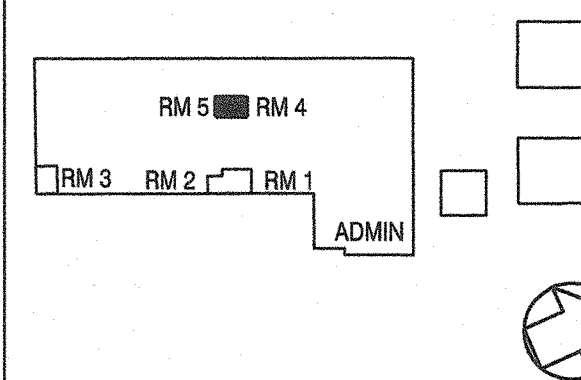
FILE # 7-29
APPL # 01-117192

AC *FLS* *AW* *SS* *SPF*

DATE *MAR 13 2018*

PROJECT TITLE:
VOLUNTARY ACCESSIBLE
UPGRADE TO STUDENTS'
RESTROOMS
SHADELANDS
SPECIAL NEEDS
PRESCHOOL

KEY PLANS:



REVISIONS:

date	description	symbol
1/16/2018	DSA PROJECT SUBMITTAL	
3/14/2018	DSA BACKCHECK	
3/16/2018	FINAL BID SET	

PHD ARCHITECTS JOB #
17-215

SCALE:
AS NOTED

DATE:
3/14/18

SHEET NAME & NUMBER:

PLANS @ FULLY ASSISTED
TOILETS - RM 4 & 5

A-220

GENERAL NOTES

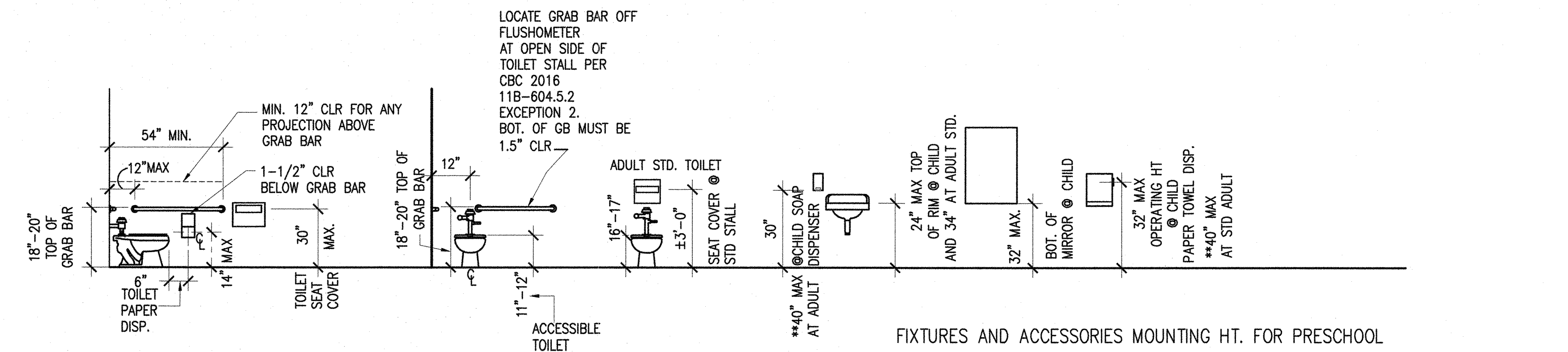
- THE DISTRICT ASSUMES THAT ALL NOTES & SCOPE LISTED ON THIS SHEET HAVE BEEN UNDERSTOOD, AGREED, INCORPORATED INTO THE BID PROPOSAL AND ALL WORK LISTED HAS BEEN INCLUDED. IF THE CONTRACTOR DOES NOT AGREE WITH ANY OF THESE NOTES, HE MUST NOTIFY THE DISTRICT IN WRITING, PRIOR TO BID. NOTE: ALL LISTED SCOPE OF WORK IS INTENDED AS "COMPLETE" THEREFORE THE CONTRACTOR MUST INCLUDE IN THIS BID ALL LABOR & MATERIAL (& ASSEMBLY) NECESSARY TO ATTAIN THE FULL INTENT OF THE LISTED SCOPE (FROM THE DEMOLITION THROUGH THE FINISHED (READY TO USE) CONSTRUCTION).
- THIS SET OF DRAWINGS SHOWS ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL & FIRE ALARM SCOPE & SCOPE-NOTES. THE GENERAL CONTRACTOR IS ADVISED THAT THE DRAWINGS ARE NOT DIVIDED BY TRADES.
- ALL SALVAGED ITEMS ARE TO BE DELIVERED TO THE DISTRICT MAINTENANCE & OPERATIONS'S YARD OFFICE.
- ALL EXISTING FIRE ALARM DEVICES (& RELATED ASSEMBLY) SUCH AS (BUT NOT LIMITED TO) SMOKE & HEAT DETECTORS THAT ARE TO REMAIN MAY REQUIRE TO BE TEMPORARILY DISCONNECTED & REINSTALLED AS PART OF THE SCOPE. THE CONTRACTOR MUST INCLUDE ALLOWANCE (FOR EVERY ROOM) TO EXTEND TO THE FIRE ALARM WIRING AND UNIT.
- THE CONTRACTOR IS RESPONSIBLE, AS PART OF THE COMPLETE SCOPE, TO REINSTALL/RELOCATE, AS REQUIRED, ALL THE PREVIOUSLY DISCONNECTED AND/OR REMOVED ITEMS CEILING/WALL/FLOOR MOUNTED ITEMS (SUCH AS, BUT NOT LIMITED TO, ELECTRICAL CONDUITS & CABLES & WIRES, FIRE ALARM/SECURITY/LIGHTING MOTION SENSORS AND BOXES, LIGHTING FIXTURES, PIPING ETC.) AS PER THE ORIGINAL CONDITION (PROVIDED THAT ORIGINAL CONDITION WAS CONFORMING WITH STATE, CODES AND STANDARDS). INCLUDE TEST FOR PROPER OPERATION (IN CASE OF FIRE ALARM EQUIPMENT) WHICH MUST BE PERFORMED BY A ESTS CERTIFIED TECHNICIAN W/ A CALIFORNIA STATE FIRE ALARM TECHNICIAN CARD.
- ASSUMPTIONS HAVE BEEN MADE CONCERNING EXPOSED AND CONCEALED CONDITIONS. WORK WHICH IS NOT SHOWN ON THE DRAWINGS, BUT WHICH IS REASONABLY ASSUMED FROM THE PROJECT SCOPE AND THE REQUIRED EXAMINATION OF THE EXISTING SITE CONDITIONS, AND IS OBVIOUSLY REQUIRED TO BE PERFORMED IN ORDER TO ATTAIN A COMPLETE AND FINISHED PRODUCT, SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT ADDED COST TO THE OWNER. FOLLOW THE BID REQUIREMENTS NOTED ON SHEET A-001.
- THE CONTRACTOR IS RESPONSIBLE TO CLEAN AND KEEP CLEAN ALL AREAS OF THE WORK EVERY DAY. NO TRASH PILES SHALL ACCUMULATE AT ANY TIME.
- THE SCOPE OF WORK (& INTENT OF THE DRAWINGS) IS TO INCLUDE ALL LABOR, MATERIAL & PARTS (INCLUDING FIXTURES & EQUIPMENT, PARTS, CONNECTIONS & LABOR) AS PART OF THE SCOPE TO ATTAIN A COMPLETE & FINISHED JOB.
- THE LOCATION OF THE EXISTING UTILITIES WAS ESTABLISHED FROM BEST AVAILABLE INFORMATION. ASSUME THAT THIS INFORMATION IS APPROXIMATE IT IS THE CONTRACTOR RESPONSIBILITY TO VERIFY & EXAMINE THE AVAILABLE AS-BUILT DISTRICT RECORDS AS WELL AS THE SITE FOR THE EXACT LOCATION & CONDITIONS BEFORE BID, AS REQUIRED BY THE BID DOCUMENTS.
- COORDINATE ALL WORK LISTED ON THESE DRAWINGS WITH ALL TRADES AND CONTRACTORS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TRENCHING, BACKFILLING, RE-PAVING, AND RESTORATION OF THE EXISTING SURFACES AS A RESULT OF THE NEW WORK.
- BID & CONSTRUCTION REQUIREMENTS NOTES: SEE SHEET A-001 SITE PLAN / ACCESS INFO.
- THE CONTRACTOR IS TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING EXTERIOR CONCRETE & SPORTSCAPES PAVING. ANY DAMAGE TO THE (E) PAVING DUE TO EQUIPMENT, TRUCKS OR STORED MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS ADVISED THAT PLAYGROUND PAVING GENERALLY IS NOT OF SUFFICIENT THICKNESS TO WITHSTAND REPEATED OR CONCENTRATED LOADING FROM HEAVY TRUCKS OR EQUIPMENT.
- ALL DIMENSIONS NOTED ON THE FLOOR PLANS MUST BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION. DO NOT SCALE DIMENSIONS FROM ANY DRAWINGS. NO TOLERANCES ARE ALLOWED. NOTIFY ARCHITECT OF ANY DISCREPANCY, PRIOR TO START THE WORK.
- PROTECT AREAS ADJACENT TO THE WORK-AREA. PATCH & REPAIR (TO ORIGINAL CONDITION) ALL DAMAGED AREAS AS A RESULT OF THE WORK, INCLUDING WALLS/ROOMS IN THE ADJACENT ROOMS.
- EVERY TOILET-ROOM WORK INCLUDES EXTENSIVE DEMOLITION & RECONSTRUCTION IN THE ADJACENT MECHANICAL/ELECTRICAL ROOMS DUE TO THE SHARED WALL WHICH HOSTS TOILETS CARRIAGES (& ASSEMBLIES), URINALS' ASSEMBLIES, WATER, SEWER & VENTING PIPING. THE CONTRACTOR MUST INCLUDE IN THE BASE BID ALL DEMOLITION, SHORING, CONSTRUCTION & PATCHING WORK ASSOCIATED WITH THIS ROOM.
- THE WORK SHOWN ON THE DRAWINGS SHOWS THE INTENT OF THE SCOPE AND MAY NOT REFLECT THE ACTUAL AMOUNT/LOCATION OF DEMOLITION & RE-CONSTRUCTION REQUIRED. ACTUAL CONDITIONS MAY REQUIRE ADDITIONAL CEILING, WALL & FLOOR ASSEMBLY DEMOLITION/CONSTRUCTION AND/OR CONCEALED/EXPOSED PLUMBING, SEWER, ELEC./FIRE ALARM LINES (ETC.) TO BE DEMOLISHED AND/OR TEMPORARILY REMOVED (AND RECONSTRUCTED) TO PERFORM THE WORK. PER DISTRICT BIDDING DOCUMENTS FIELD & AVAILABLE AS-BUILT DRAWINGS SHOULD BE EXAMINED PRIOR TO BID BY THE CONTRACTOR.
- SCOPE CONDITIONS MAY REQUIRE THE CONTRACTOR TO DISCONNECT & RELOCATE (WITHIN 20' MAX.) EXISTING CEILING/WALL MOUNTED ITEMS (SUCH AS, BUT NOT LIMITED TO, ELECTRICAL CONDUITS, WIRES, FIRE ALARM/SECURITY/LIGHTING MOTION SENSORS & BOXES, LIGHTING FIXTURES, ETC.) IN THE RESTROOMS OR IN THE MECHANICAL ROOMS. (THIS WORK MAY REQUIRE THE TEMPORARY DISCONNECT). INCLUDE COST ALLOWANCE IN YOUR BID.
- ASSUME THAT ALL EXISTING WALLS (WITHIN THE SCOPE OF WORK) HAVE INTERIOR DIAGONAL SHEETING (W/80% SLATS). IF DEMO, WILL REQUIRE PATCHING THE DIAGONAL SHEETING FOR MORE THAN 4X6 TO RELOCATE A TOILET FIXTURE REQUEST DISCONNECT TO PROCEED TO THE MUOSO CONSTRUCTION MANAGER, OTHERWISE PATCH/REPAIR 4X8 OPENING WITH BLOCKING & STRUCTURAL PLYWOOD (MATCH THICKNESS). **NOT USED**
- INCLUDE IN THE BASE BID COMPLETE LABOR & MATERIALS TO RUN ALL EXISTING CONDUITS & WIRING INSIDE THE WALLS & CEILINGS. INCLUDE CUTTING THROUGH THE PLASTER AND/OR PLYWOOD AND/OR GYP. BD.; NOTICING STUDS AND/OR JOISTS; ANCHORING THE CONDUITS; PATCHING & PAINTING; NEW CONDUITS & WIRES (&30 LF MIN.); REPLACING & INSTALLING NEW J-BOXES & ASSEMBLIES AS REQUIRED.

DEMOLITION NOTES

- ASBESTOS NOTE: REQUEST ASBESTOS INFORMATION REGARDING THIS PROJECT TO THE MUOSO PRIOR TO BID.
- SALVAGE ALL EXISTING LAVATORIES & ACCESSORIES (SOAP DISPENSERS, GRAB BARS, ETC.) & ALL FAUCETS AND FLUSHMETERS FOR DISTRICT REUSE, UNLESS OTHERWISE DIRECTED BY THE MUOSO CM.
- INCLUDE IN THE BASE BID ALL DEMOLITION REQUIRED TO INSTALL NEW WALL BACKING AND FIXTURE CARRIER, AS DESCRIBED IN THE CONSTRUCTION NOTES FOR ALL FIXTURES, EQUIPMENT AND PARTITIONS.
- INCLUDE IN THE BASE BID 20% (MEASURED WITHIN THE PERIMETER OF THE ROOM) OF STUD/SILL DEMO DUE TO DRY-ROT (INCLUDE ALL DEMO REQUIRED INCLUDING CUTTING OF THE ROTTED STUD/SILL & DRY-WALL).
- REMOVE, FOR REPLACEMENT (LIKE FOR LIKE) ALL EXISTING LIGHT-SWITCHES & PLUGS.
- FLOOR ASSEMBLY DEMOLITION: THE EXISTING CONCRETE FLOOR INCLUDING (INCLUDING THE GROUT BED) VARIES. EXISTING GROUT CAN BE BETWEEN 4" TO 6" THICK AND SLAB BETWEEN 6" TO 16" THICK. THE CONTRACTOR MUST CONSULT THE DRAWINGS TO GET ACTUAL CONDITIONS. NO CHANGE ORDER WILL BE AWARDED IF EXISTING CONDITIONS ARE SHOWN ON THE AVAILABLE MUOSO AS-BUILT DRAWINGS.

CONSTRUCTION NOTES

- INCLUDE IN THE BASE BID THE COMPLETE WORK (DEMOLITION, CONSTRUCTION, INSTALLATION, ETC.) OF THE (ATTIC MOUNTED) EXHAUST FAN UNIT AND COMPLETE WIRING. SEE CONSTRUCTION NOTE #27.
- INCLUDE IN THE BASE BID THE REPLACEMENT (WITH NEW) OF ALL EXTERIOR DOOR THRESHOLDS.
- ALL DOORS AND FRAMES ARE TO BE REPLACED WITH NEW FRP DOORS & METAL FRAMES. VERIFIED IN FIELD EXACT DOOR, OPENING & SIZE AND PRIOR TO ORDERING FINAL PRODUCT. LISTED DOOR & FRAME DIMENSIONS ARE ROUNDED TO NEAREST WHOLE NUMBER.
- WALLS & CEILINGS: THE DISTRICT EXPECTS STRAIGHT LEVELED (& PLUMB) WALLS & CEILINGS WITHIN THE AREA OF WORK. THE CONTRACTOR MUST INCLUDE IN THE BASE BID THE WORK NECESSARY TO OBTAIN STRAIGHT VERTICAL/HORIZONTAL SURFACES (WALLS & CEILINGS), INCLUDING AT CORNERS. THE CONTRACTOR IS WARNED THAT UN-LEVELED/UN-STRAIGHT/UN-PLUMB SURFACES WILL BE REJECTED AND REQUESTED TO BE REDONE BY THE DISTRICT.
- CERAMIC TILE NOTE: THE DISTRICT REQUIRES STRAIGHT & PLUMB TILE-SETS WITH EQUAL GROUT LINES, PARTICULARLY ON THE CORNERS. UNSATISFACTORY RESULTS WILL BE REJECTED BY THE DISTRICT.
- TOILET COMPARTMENT PARTITIONS: ALL TOILET COMPARTMENT PARTITIONS (INCLUDING THE PRIVACY SCREENS) MUST BE BRACED WITH AN HORIZONTAL BRACE-SYSTEM THAT CONNECTS TO THE ADJACENT PARTITIONS TO SECURE/OBTAIN STURDINESS (TO PREVENT "WIGGLING"). IF A PARTITION WILL BE PLACED IN FRONT OF A WINDOW IT MUST BE BRACED TO THE WALL BELOW THE WINDOW AND, ON THE TOP OF THE PARTITION, WITH AN HORIZONTAL BRACE SYSTEM THAT CONNECTS TO THE ADJACENT PARTITION (THE DOOR PARTITION) ON ONE SIDE AND TO THE OTHER SIDE TO THE WALL (ADJACENT TO THE WINDOW). INCLUDE ALL PROPER WALL BRACING & A FINISHED LOOK. ALL CUT-SEGMENTS OF THE BRACING SYSTEM MUST BE CAPPED & FINISHED. NO SHARP ENDS OR EDGES. ALL PARTITIONS BRACING MUST HAVE PROPER (FINISHED) BRACING TO CONTINUE STRAIGHT FROM A TILING SURFACE TO A WALL SURFACE. NOTE: THE PARTITION MANUFACTURER REPRESENTATIVE WILL INSPECT FINAL PARTITION INSTALLATION FOR DISTRICT ACCEPTANCE. **NOT-FERRET JOBS WILL BE REJECTED.**
- INCLUDE IN THE BASE BID ALL NEW DOOR CLOSER, CONTINUOUS HINGES, DOOR LOUVERS (& DOOR OPENINGS) & THRESHOLD TO ALL DOORS. LEVER HANDLES & LOCK (RESTROOMS FUNCTION) AS NOTED ON PLANS. SEE SPECIFICATIONS.
- INCLUDE IN THE BASE BID (COST ITEM) A NEW CONCRETE DOOR LANDING INCLUSIVE OF DEMOLITION & NEW CONSTRUCTION (& REBAR) PER $\frac{7}{A.500} \frac{9}{A.500}$ AT EACH EXTERIOR DOOR.
- INCLUDE IN THE BASE BID THE PATCHING/REBUILDING OF THE INTERIOR CONCRETE FLOOR. EXISTING CONCRETE FLOOR THICKNESS VARY, INCLUDING ALLOWANCE FOR THICKENED EDGES. FOR THE EXISTING CONCRETE FLOOR CONDITIONS REFER TO THE REFERENCE ASSUMED AS-BUILT CONDITIONS DRAWINGS ATTACHED TO THE BID DOCUMENTS AND TO THE AVAILABLE MUOSO AS-BUILT DRAWINGS AS REQUIRED BY THE BID DOCUMENTS.
- INCLUDE IN THE BASE BID THE REPLACEMENT OF ALL EXISTING FLUORESCENT CEILING MOUNTED LIGHT FIXTURES WITH NEW 4' LED-LIGHTING FIXTURES. INCLUDE ALL DEMO., ELECTRICAL, INSTALLATION, BACKING, FIXTURES, BRACKETS & PARTS.
- INCLUDE IN THE BASE BID, ALL REQUIRED BRACKETS (& 4X6 BLOCKING MIN. WHEN NOT SPECIFIED) TO HANG (CEILING & WALL) ALL (AS PART OF THE SCOPE OF WORK) ELECTRICAL, MECHANICAL & PLUMBING FIXTURES (INCLUDING CONDUITS, CABLES, ETC.), EQUIPMENT & ALL FIRE ALARM SYSTEMS EQUIPMENT, WIRING, SENSORS, ETC.
- INCLUDE IN THE BASE BID ALL REQUIRED BLOCKING FOR TOILET-PARTITIONS, EQUIPMENT & FIXTURES. SINKS WILL BE MOUNTED ON CONCEALED LAVATORY ARM-BRACKETS WITH 1-20 CARRIAGE BOLTS (ON 6X8 BLOCKING) OR STRONG-DRIVE-SCREWS (ON STUDS) AS NECESSARY. SEE CARRIER CUT SHEET, FOLLOW MANUFACTURER RECOMMENDATIONS.
- ALL NEW GYPSUM BOARD TO BE "GOLD BOND XP GYP. BD. WITH SPORGARD".
- ALWAYS PROVIDE GALVANIZED, PAINTED, ESCUTCHEON OR SIMILAR TO SEAL PIPING GAPS THROUGH THE CEILING, WALLS OR FLOOR - NO OPENING & ROUGH GAPS - COLORS TO MATCH ADJACENT WALL/CEIL.
- INCLUDE IN THE BASE BID ALL NEW SIGNAGE (DOOR & WALLS) WITH TAMPER-PROOF SCREWS. INCLUDE THE PATCHING AND PAINTING AROUND THE OLD SIGNAGE AS REQUIRED.
- INCLUDE IN THE BASE BID ALL NEW LIGHT-SWITCHES & PLUGS REPLACEMENT. AS APPLICABLE USE THE FOLLOWING: Brand: Hubbell - 122 Series HBL 122 1L - Single Pole 20A 120-277 VAC
- THE SCOPE OF WORK REQUIRES LEVEL 5 FINISH AT ALL (NEW & EXIST) UN-TRIM WALL/CEILING SURFACES. INCLUDE LEVELING, PRIMING & PAINTING. INCLUDE ALL NEW (& EXISTING) CONDUITS, PIPES, CABLES, DUCTS, BEAMS, SOFFITS, ETC. - TP.
- ALL EXISTING WINDOWS & FRAMES ARE TO BE SANDED SMOOTH, PRIMED AND PAINTED.
- INCLUDE IN THE BASE BID THE ADJUSTING (ADAPTING/LEVELING) OF ALL CEILING MOUNTED FIXTURES, EQUIPMENT, CONDUITS, ETC. AS REQUIRED TO BE IN LINE WITH NEW CEILING. THIS INCLUDES EXTENDING/RELOCATING THE BLOCKING.
- IF APPLICABLE: INCLUDE IN THE BASE BID THE REQUIRED WORK TO ALIGN & LEVEL THE NEW GYP. BD. CEILING (NEW/PATCHED) TO BE LEVELLED WITH THE EXISTING FINISHED CEILING AND TO OBTAIN THE REQUIRED FINISH LEVEL. **INCLUDE IN THE BASE BID THE WORK TO PATCH/REPAIR THE EXISTING CEILING ASSEMBLY IS A THICK PLASTER OVER WOOD LATH. REFER TO THE AVAILABLE AS-BUILT.**
- INCLUDE IN THE BASE BID 20% (MEASURED WITHIN THE PERIMETER OF THE ROOM) OF STUD & SILL REPLACEMENT DUE TO DRY-ROT. CONSTRUCTION WILL REQUIRE NEW 6X STUD (FL-TO-CEIL) AND/OR SILL (TO MATCH EXISTING SIZE) AND ADDING REQUIRED ANCHOR GYP. BD. (4" O.C.). INCLUDE ALL PALSTER WALL PATCHING & FINISHING.
- NOT USED
- INCLUDE IN THE BASE BID NEW CONCRETE CURBS AT ALL NEW PARTITIONS/WALLS.
- NOT USED
- INCLUDE IN THE BASE BID THE REBUILD OF THE EXISTING FLOOR ASSEMBLY (CONCRETE & GROUT); COORDINATE WITH THE DEMOLITION NOTE #10. SLOPE THE FINISH FLOOR AS REQUIRED TO THE FLOOR DRAINS & DO NOT EXCEED 1:48 SLOPE IN ALL DIRECTIONS (PATH-OF-TRAVEL). CONNECT THE NEW FINISH FLOOR LEVELED TO THE NEW DOOR THRESHOLD.
- ALL NEW TOILET COMPARTMENT-PARTITIONS (PANELS) TO BE 7" HIGH MINIMUM, UNLESS OTHERWISE NOTED. SUBMIT SAMPLE TO THE MUOSO FOR APPROVAL PRIOR TO ORDERING.
- PROVIDE 1 NEW EXHAUST FAN AT EACH TOILET. SCOPE TO INCLUDE ALL DEMOLITION, CONSTRUCTION, LABOR & MATERIAL FOR THE INSTALLATION OF THE NEW EXHAUST FAN & RELATED ASSEMBLY (DUCT INCLUDED). INCLUDE MECHANICAL, ELECTRICAL, STRUCTURAL & BUILT-UP ROOFING WORK AND PARTS. ELECTRICAL: INTERCEPT (E) SWITCHED LEG OF NEAREST LIGHT FIXTURE (ESTIMATED @ ±20") AND RUN (CONCEALED) (N) CONDUIT AND WIRES TO THE (N) EXHAUST FAN AS REQUIRED. PROVIDE (N) HORSEPOWER RATED MANUAL SWITCH 15A, 120V, SIMILAR TO SQUARE "D" CLASS 2510. PRODUCT: AOME DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER MODEL PRN (SEE CUT SHEETS).



PLUMBING SCHEDULE

- SEE CUTSHEETS FOR PLUMBING PRODUCT
- FLOOR MOUNTED WATER CLOSET MODEL: ELEMENTARY AMERICAN STANDARD MADERA FLOWISE 15" HEIGHT ELONGATED WITH EVERCLEAN FLUSHOMETER TOILET. SEAT COLOR: WHITE #5901100 SS STAINLESS STEEL HINGE POSTS FLUSHOMETER VALVE. AMERICAN STANDARD 1.28 GPF MANUAL #6047.121.002 TOP SPUD SEE CUT SHEETS, FOLLOW MANUFACTURER RECOMMENDATIONS & INCLUDE ALL PARTS, MATERIAL & LABOR.
 - FLOOR MOUNTED WATER CLOSET MODEL: MIDDLE SCHOOL / ADULT AMERICAN STANDARD MADERA FLOWISE 16" HEIGHT ELONGATED WITH EVERCLEAN FLUSHOMETER TOILET. SEE 1A FOR FLUSHOMETER VALVE AND SEAT. SEAT COVER 1" THICK
 - FLOOR MOUNTED WATER CLOSET MODEL: PRESCHOOL BABY DEVORO FLOWISE 10" HIGH # 2282.001 TOP SPUD FLUSH VALVE MANUAL AMERICAN STANDARD # 6047.121.002 SEAT AMERICAN STANDARD # 5001G.055 HEAVY DUTY SS HINGE POSTS
 - FLOOR MOUNTED WATER CLOSET MODEL: AMERICAN STD. CADET PRO ELONGATED TOILET EVERCLEAN 215CB.104 W/EVERCLEAN SEAT @ SUNRISE ELEM. ONLY
 - WALL MOUNTED WATER CLOSET MODEL: AMERICAN STANDARD AFWALL MILLENNIUM FLOWISE ELONGATED W/EVERCLEAN TOP SPUD FLUSHOMETER TOILET. SEAT #5901100 SS HINGE POSTS FLUSHOMETER #6047.121.002 MANUAL.28 GPF -SEE DET. 16 ON SHEET A-500 SEE CUT SHEETS, FOLLOW MANUFACTURER RECOMMENDATIONS & INCLUDE ALL PARTS, MATERIAL & LABOR.
 - LAVATORY MODEL: AMERICAN STANDARD LUCERNE WALL-HUNG LAVATORY - SINGLE CENTER FAUCET HOLE WITH DELTA METERING FAUCET MODEL NO. 877105, SEE CUT SHEETS, FOLLOW MANUFACTURER RECOMMENDATIONS & INCLUDE ALL PARTS, MATERIAL & LABOR.
 - URNAL - SEE CONSTRUCTIONNOTES #56/A300 A. WATERLESS - ANZA MODEL#2005, OR EQUIVALENT - OPC B. FLUSH-URNAL & FLUSHOMETER - AMERICAN STANDARD PINTBROCK URINAL #6002.001 0.125 GPF. SEE CUT SHEETS, FOLLOW MANUFACTURER RECOMMENDATIONS & INCLUDE. ARM-BRACKETS & LABOR.

PIPING SCHEDULE

SYSTEM NAME	MATERIAL	PIPING & FITTING JOINTS
DOMESTIC COLD WATER	TYPE L COPPER	LEAD FREE SOLDERED FITTINGS
SANITARY WASTE	NO-HUB CAST IRON	NO-HUB FITTINGS
SANITARY VENT	TYPE DWV COPPER	LEAD FREE SOLDERED FITTINGS

FINISH SCHEDULE

- SEE CUTSHEETS FOR FINISHES
- ALL PLUMBING FIXTURES SHALL BE CERTIFIED TO COMPLY WITH 2016-CAC TITLE 24 STANDARDS.
 - PROVIDE SEISMIC RESTRAINT BRACING FOR NEW PIPE SUPPORTS AS REQUIRED BY STATE AND LOCAL CODES.
 - IT IS NOT PERMITTED FOR THE PIPING, PIPE CONNECTORS, PIPE HANGERS OR VALVES TO DIRECTLY TOUCH THE STRUCTURE, STUDS, GYPSUM BOARD OR OTHER PIPES.
 - INCLUDE IN THE BASE BID INSULATION AT ALL NEW WATER PIPING.
 - AS REQUIRED VENT PIPE ROUTING MUST RISE VERTICALLY NOT LESS THAN 6" ABOVE FLOOR LEVEL RIM OF THE FIXTURE BEEN SERVED BEFORE OFFSETTING HORIZONTALLY.
 - THE CONTRACTOR MUST VERIFY THE HEIGHT OF THE FIXTURE DRAIN CONNECTION WITH RESPECT TO FLOOD LEVEL.
 - CENTER WATER CLOSET AT ALL NON-ACCESSIBLE TOILET STALLS AND/OR KEEP MIN. 15" CENTERLINE (EACH SIDE OF WATER CLOSET). INCLUDE ALLOWANCE FOR SEWER RELOCATION. INCLUDE ALLOWANCE FOR ADJUSTING FLUSHOMETER TAILPIPE HEIGHT TO ACCOMMODATE ACCESSIBLE GRAB-BAR HEIGHTS REQUIREMENTS AT ACCESSIBLE TOILET STALLS.
 - INCLUDE IN THE BASE BID 1 NEW CHROME-PLATED BRASS HOSE-BIB AT EACH TOILET-ROOM. LOCATE (NEXT TO) BELOW SINK, WITH LOCKABLE, COMMERCIAL GRADE ACCESS PANEL (DOOR) PRIMED & PAINTED.
 - INCLUDE IN THE BASE BID ALL LABOR & MATERIALS TO INSTALL A 3/4" DIA. BRASS ROUGH-IN WATERLINE FOR EACH URINAL. STUB-OUT ABOVE URINAL (FOR FUTURE FLUSHOMETER) WITH A POLISHED CHROME NIPPLE, ESCUTCHEON & CAP (NIPPLE TO PROTRUDE 1" OR LESS).
 - INCLUDE IN THE BASE BID ALL LABOR & MATERIALS TO INSTALL 1 WATER-SUPPLIED URINAL (THE ONE LOCATED UPSTREAM ON THE DRAIN LINE OF THE URINALS).
 - INCLUDE IN THE BASE BID (AS PART OF THE SCOPE OF WORK) THE REPLACEMENT OF ALL NEW PLUMBING PARTS, PIPING, MATERIAL & EQUIPMENT (WITHIN THE LIMIT OF THE TOILET-ROOM & ADJACENT MECHANICAL ROOM/UTILITY ROOM) SUCH AS (BUT NOT LIMITED TO) SEWER PIPING PLUS CONNECTION & ASSEMBLY, VENT PIPING PLUS CONNECTION & ASSEMBLY, WATER PIPING PLUS CONNECTION & ASSEMBLY, ETC. COMPLY WITH THE 2016 CPC. ACTUAL LENGTH & RUNS VARY, COORDINATE WITH THE AVAILABLE AS-BUILT & WITH THE SITE EVALUATION (PRIOR TO BID) OR ESTIMATE FOR ROOM-LENGTH SIZE MIN.
 - THE PLUMBING DIAGRAM 17/A-500 IS FOR PLUMBING SIZING INTENT ONLY. THE CONTRACTOR MUST COORDINATE THE NEW WORK WITH THE AVAILABLE AS-BUILT PLUMBING DRAWINGS PRIOR TO BID.
 - INCLUDE IN THE BASE BID THE COMPLETE LABOR AND MATERIAL TO INSTALL WATER-ARRESTORS AT EACH PLUMBING FIXTURE.
 - INCLUDE IN THE BASE BID COMPLETE LABOR & MATERIALS TO INSTALL 2 WATER-SUPPLIED URINALS (THE ONES LOCATED UPSTREAM ON THE DRAIN LINE OF THE URINALS).

DOOR SCHEDULE

NO.	DOOR		FRAME	DETAILS				HARDWARE GROUP	FIRE RATING	REMARKS
	WIDTH	HEIGHT		MAT TYPE	MAT TYPE	THRESHOLD	JAMB			
1	3'-0"	7'-0"	1-3/4"	FRP	-	8/A-800	(N)	(N)	SEE CUT SHEET FOR FRP DOOR / KICK PLATES AND DOOR LOUVERS. SEE PROVIDE NEW CONT. HINGES, COMPLETE HARDWARE & CLOSER UON. SEE SPEC. FOR HARDWARE GROUP NO. 2. $\frac{15}{A.500} \frac{3,4}{A.500}$	
2	EXISTING (3'X7') DOOR & FRAME TO REMAIN		(E)	-	8/A-800	(E)			SEE NOTES * BELOW SEE DET. $\frac{15}{A.500} \frac{3,4}{A.500}$	

- NOTES FOR EXISTING DOORS TO REMAIN: *
- SEE DETAIL 15 ON SHEET A-500 FOR DOOR AND FRAME TYPE INFORMATION. VERIFY IN FIELD TO MATCH EXISTING CONDITION.
 - ALL DOORS: PROVIDE NEW CONTINUOUS HINGES, COMPLETE HARDWARE & CLOSER ASSEMBLY PER DISTRICT STANDARDS. SEE SPECIFICATION SECTION 08 71 00 FOR HARDWARE GROUP NO. 2
 - CONTRACTOR MUST ADJUST / SAND / REFINISH & PAINT THE EXISTING WOOD FRAME AND WOOD DOOR THAT ARE TO REMAIN LIKE NEW CONDITION.
 - PROVIDE ALL (E) DOORS WITH BOTTOM LOUVER AND KICK PLATES. PROVIDE KICK PLATES 10"X34" STAINLESS STEEL. @ PULL AND PUSH SIDE OF DOORS. SEE 13/A.500

TOILET ACCESSORIES SCHEDULE

THE FOLLOWING ACCESSORIES ARE NEW & MUST BE PROVIDED AT ALL WATER CLOSETS COMPARTMENTS & SINKS SINKS AS PART OF THE SCOPE OF WORK EVEN IF NOT SHOWN ON THE FLOOR PLANS SEE CUTSHEETS FOR TOILET ACCESSORIES PRODUCT

MARK	ITEM	CAT. NO	MOUNTING	REMARKS
A	36" GRAB BAR	BOBRICK 6806X36		SEE DETAIL 12/A-500
B	42" GRAB BAR	BOBRICK 6806X42		SEE DETAIL 12/A-500
C1	TOILET TISSUE DISPENSER	KC PROFESSIONAL 09612 JRT JUMBO ROLL	SURFACE MOUNTED	@ NON ACCESSIBLE STALLS - COORDINATE W/ CUT SHEETS
C2	SANITARY NAPKIN DISPOSAL	BOBRICK B-270	SURFACE MOUNTED	1 @ ALL GIRLS' TOILET STALL ONLY
D	SOAP DISPENSER	DEB GROUP PROLINE CURVE 1000 WHITE WITH CHROME	SURFACE MOUNTED	1 PER LAVATORY OFCI
E	WASTE RECEPTACLE	BOBRICK B-2250	FLOOR-STANDING	1 PER ROOM
F	MIRROR (STAINLESS STEEL)	BOBRICK B-1556	24"X36" SURFACE MOUNTED	SEE DETAIL 11/A-500 1 PER ROOM - FURR BEHIND MIRROR (TRANSITION TILES AND GYP. BD.) AS REQUIRED TO OBTAIN A LEVELED VERTICAL MIRROR. PAINT AND FINISH AS RECD.
H	SEAT-COVER DISPENSER	BOBRICK B-221	SURFACE MOUNTED	1 PER TOILET
J1	PAPER TOWEL DISPENSER	KEMERLY CLARK LEVERACTIC #3885	SURFACE MOUNTED	1 PER ROOM OFCI
J2	ELECT HAND DRYER	XLERATOR XL-SB RECESSED#40502	RECESSED	1 PER ROOM
K	NAPKIN / TAMPON VENDOR	B-370634C	SEMI RECESSED	1 @ GIRLS RESTROOM ONLY

NOTE: PROVIDE BLOCKING FOR ALL TOILET ROOM ACCESSORIES, SEE FLOOR PLANS & INTERIOR ELEVATIONS FOR LOCATIONS. COORDINATE WITH $\frac{2}{A.500} \frac{6}{A.500} \frac{10}{A.500} \frac{11}{A.500} \frac{12}{A.500}$

TOILET PARTITION SYSTEM

- SCRANTON TOILET PARTITION FLOOR MOUNTED OVERHEAD BRACED. SEE SPECIFICATION
- PROVIDE BUMPER GUARD AND COAT HOOK TO ALL PARTITION DOORS.
- PROVIDE CONTINUOUS FURRING /FINISHED LEVELED BACKING @ UNEVEN FINISHES (TRANSITION TILES TO WALL) FOR CONTINUOUS BRACING.
- SEE CONSTRUCTION NOTE #6 FOR BRACING OF TOILET PARTITION.



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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

#01-117192

AC *KW* FLS *AW* SS *PDF*

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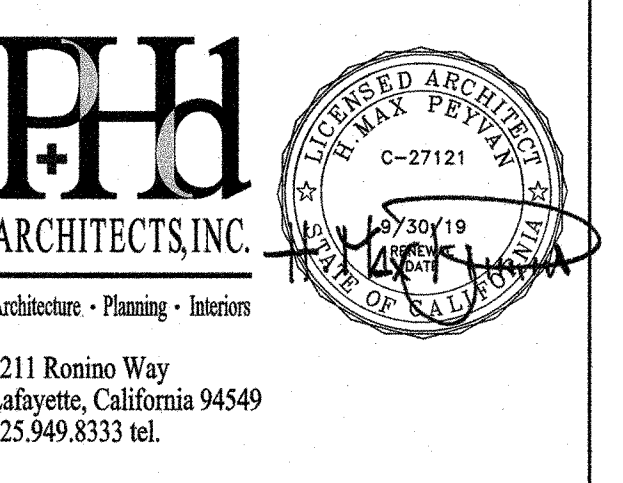
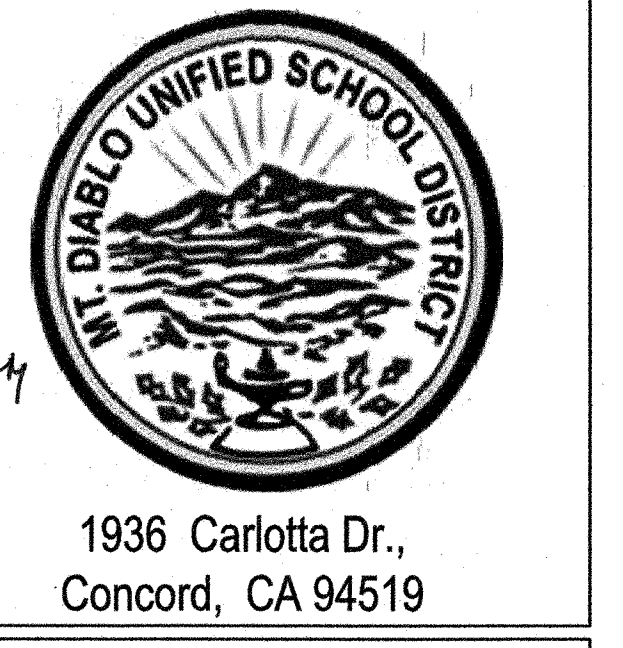
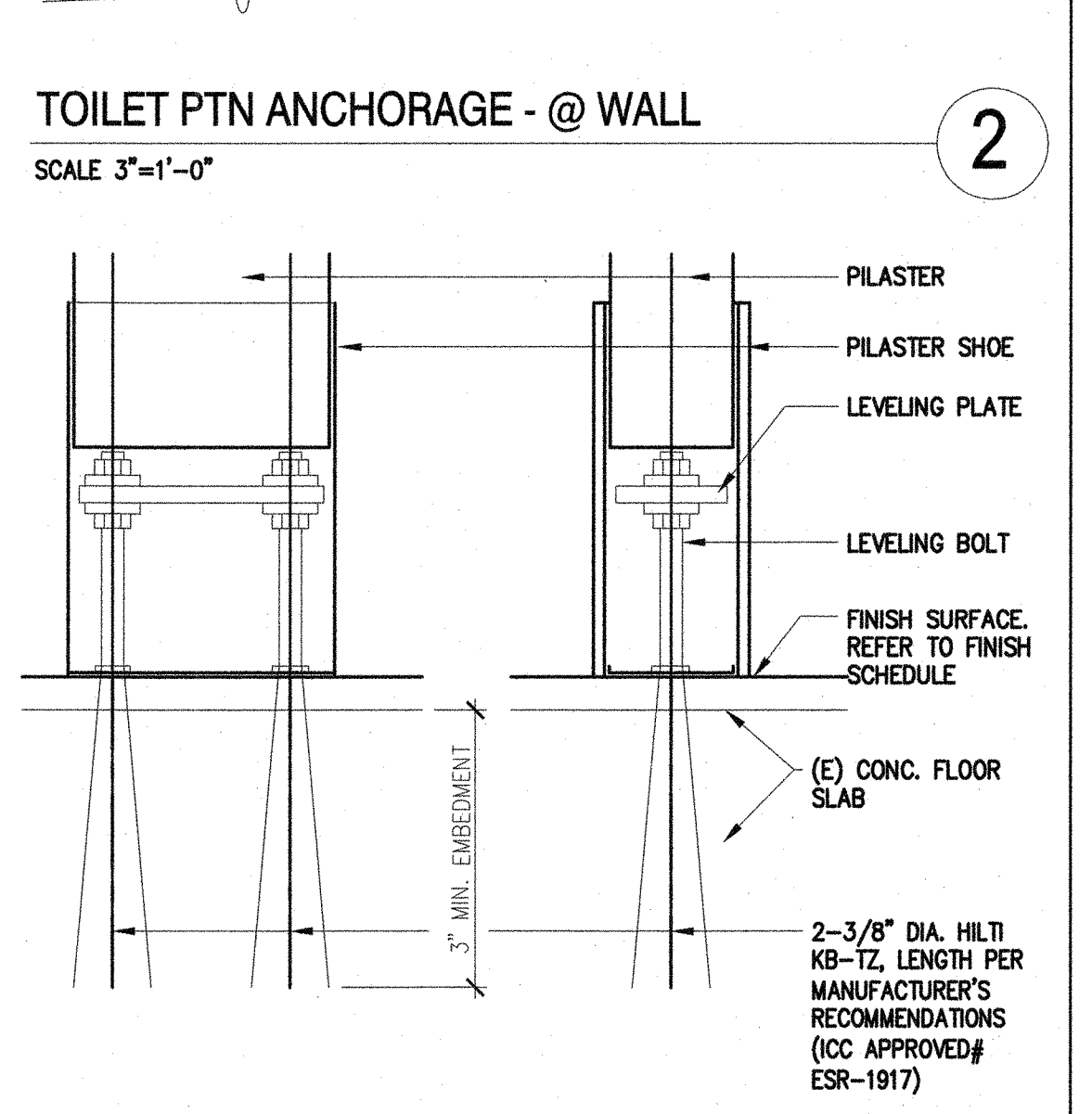
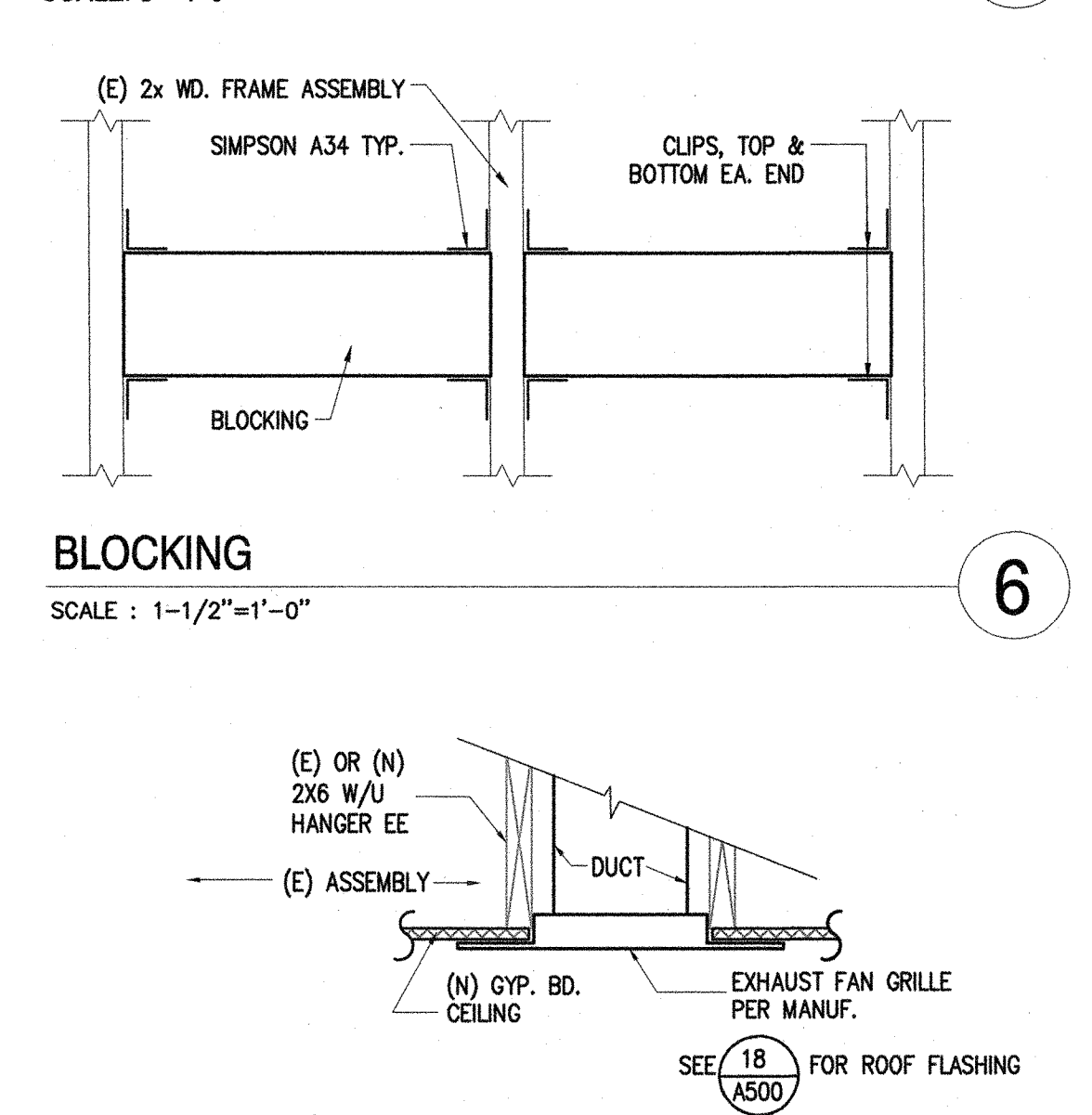
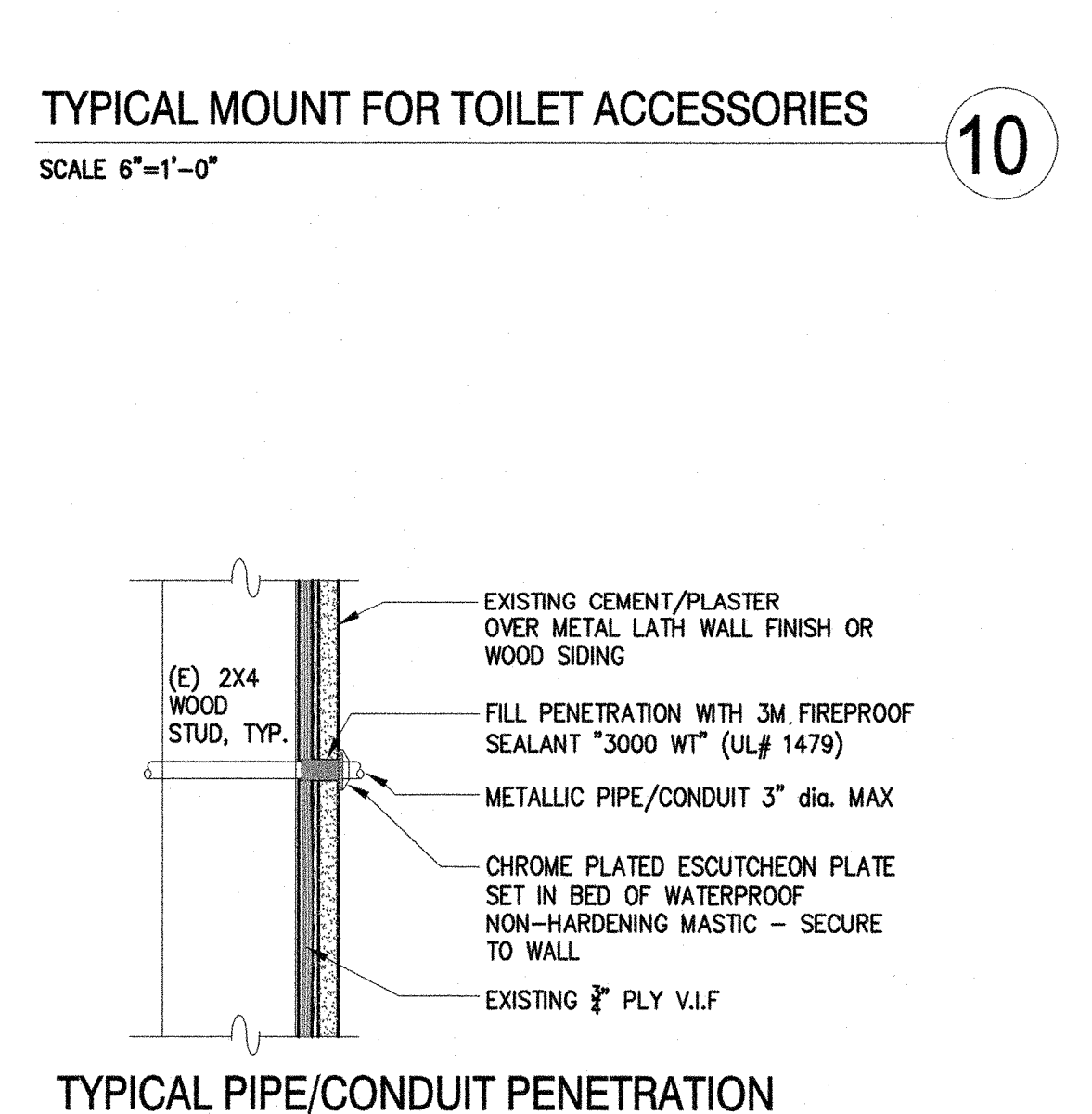
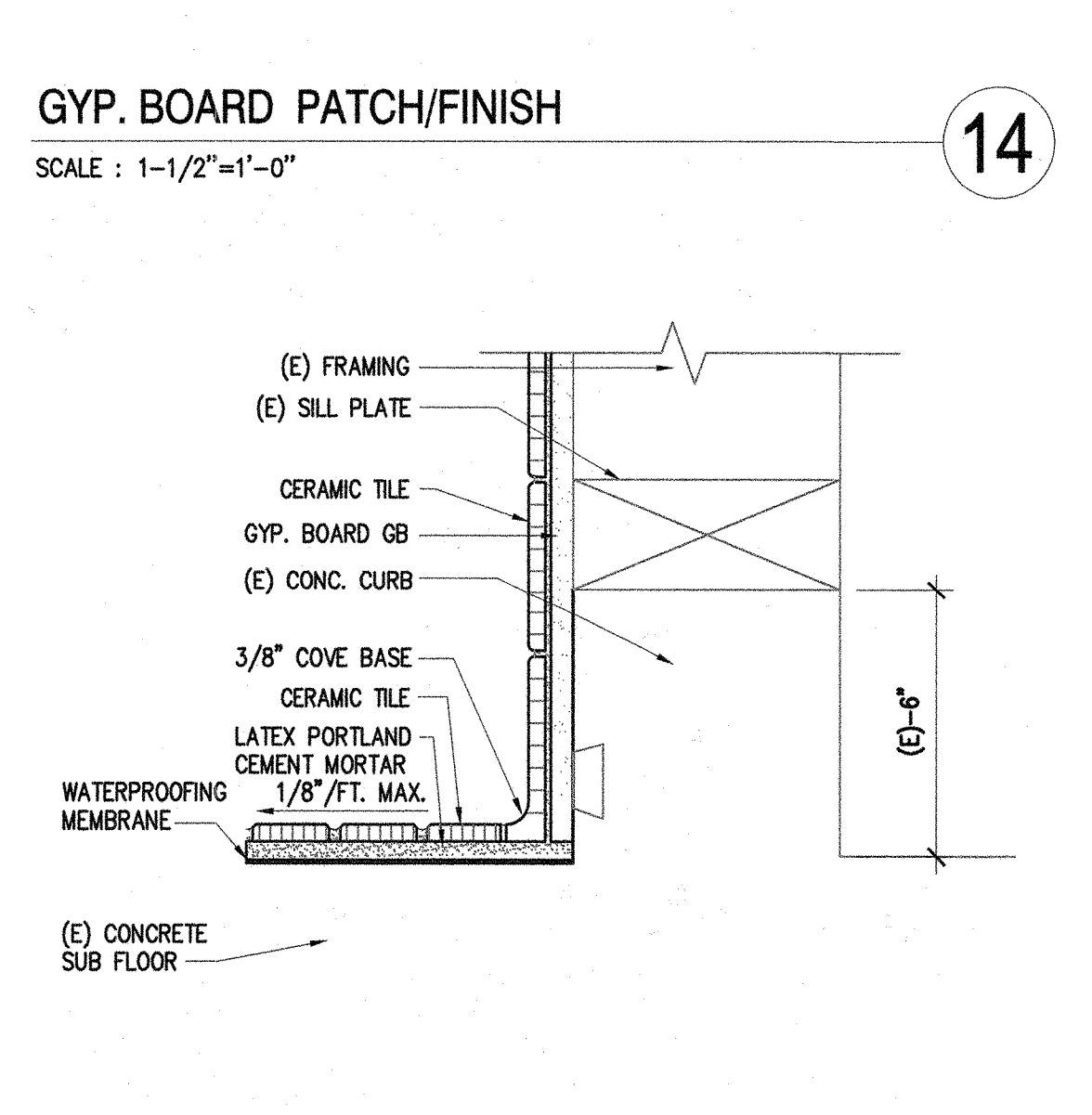
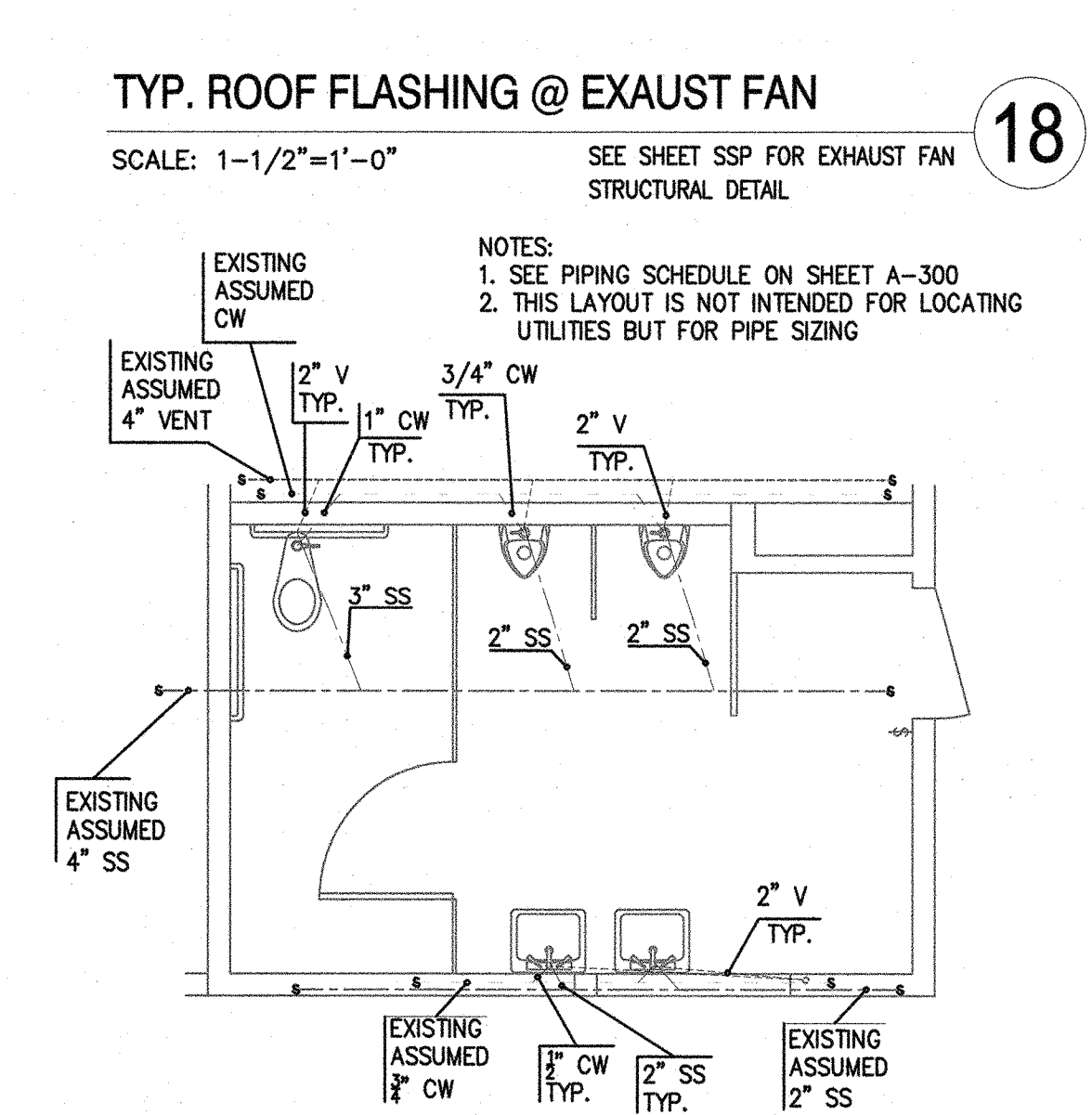
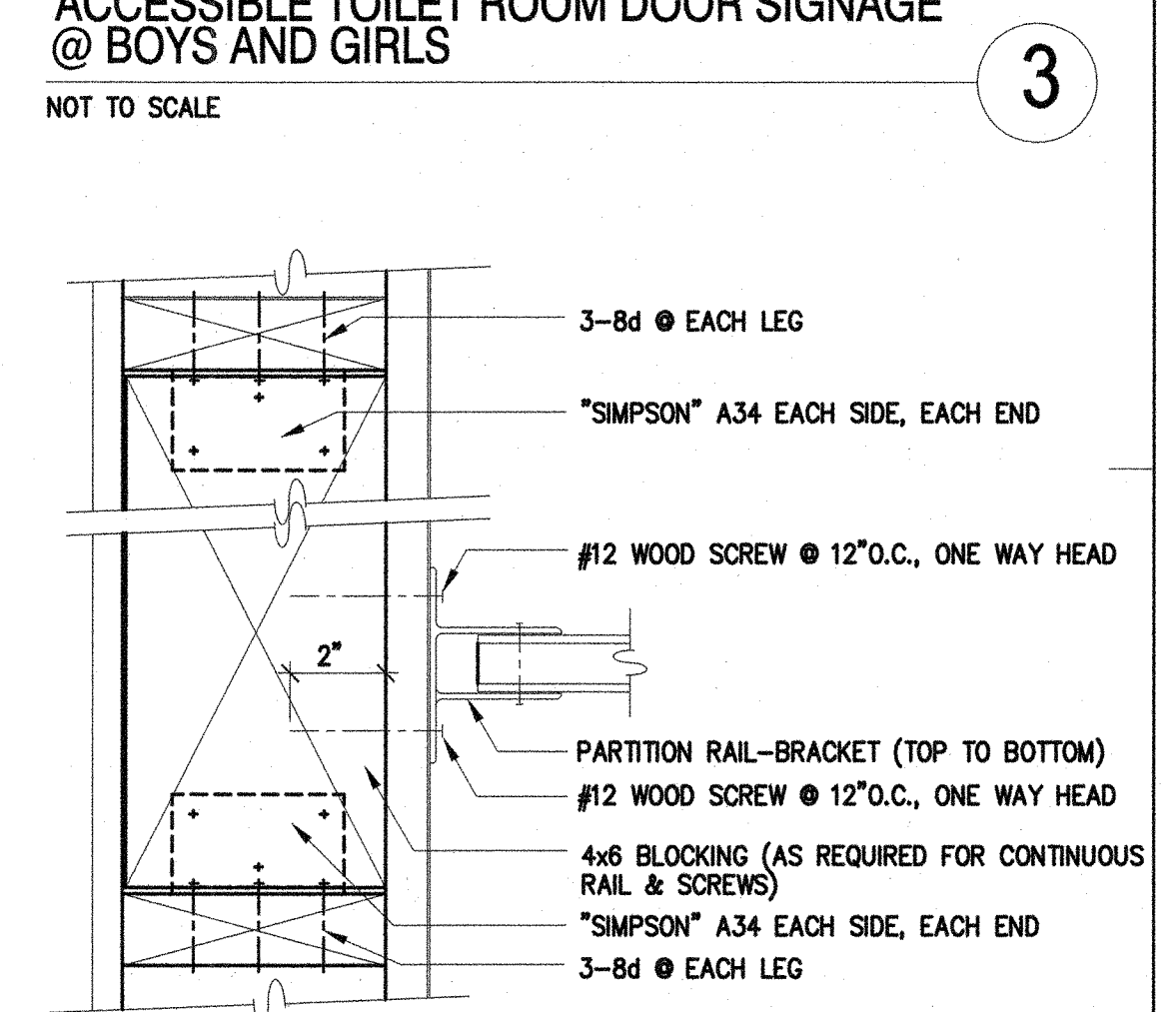
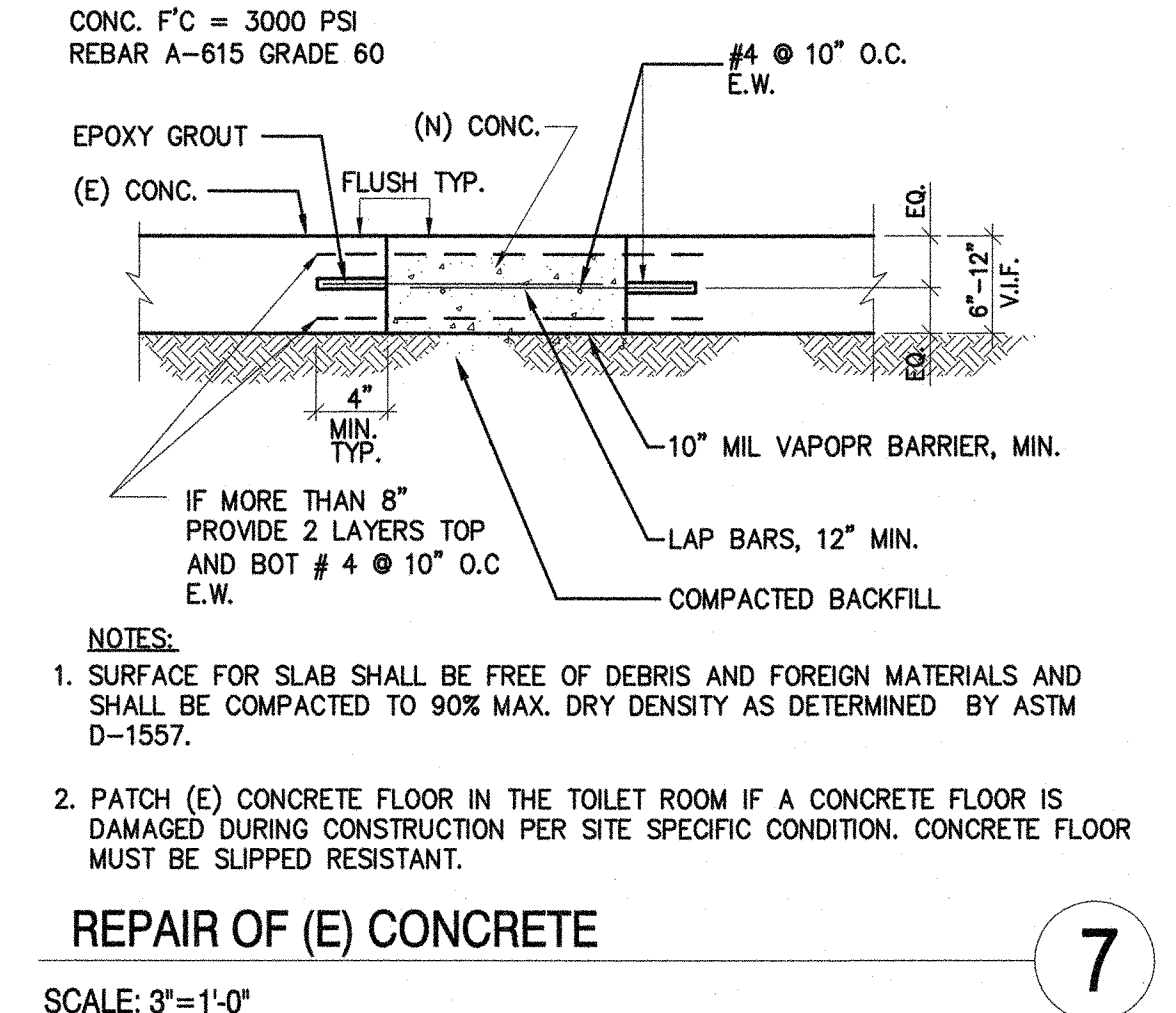
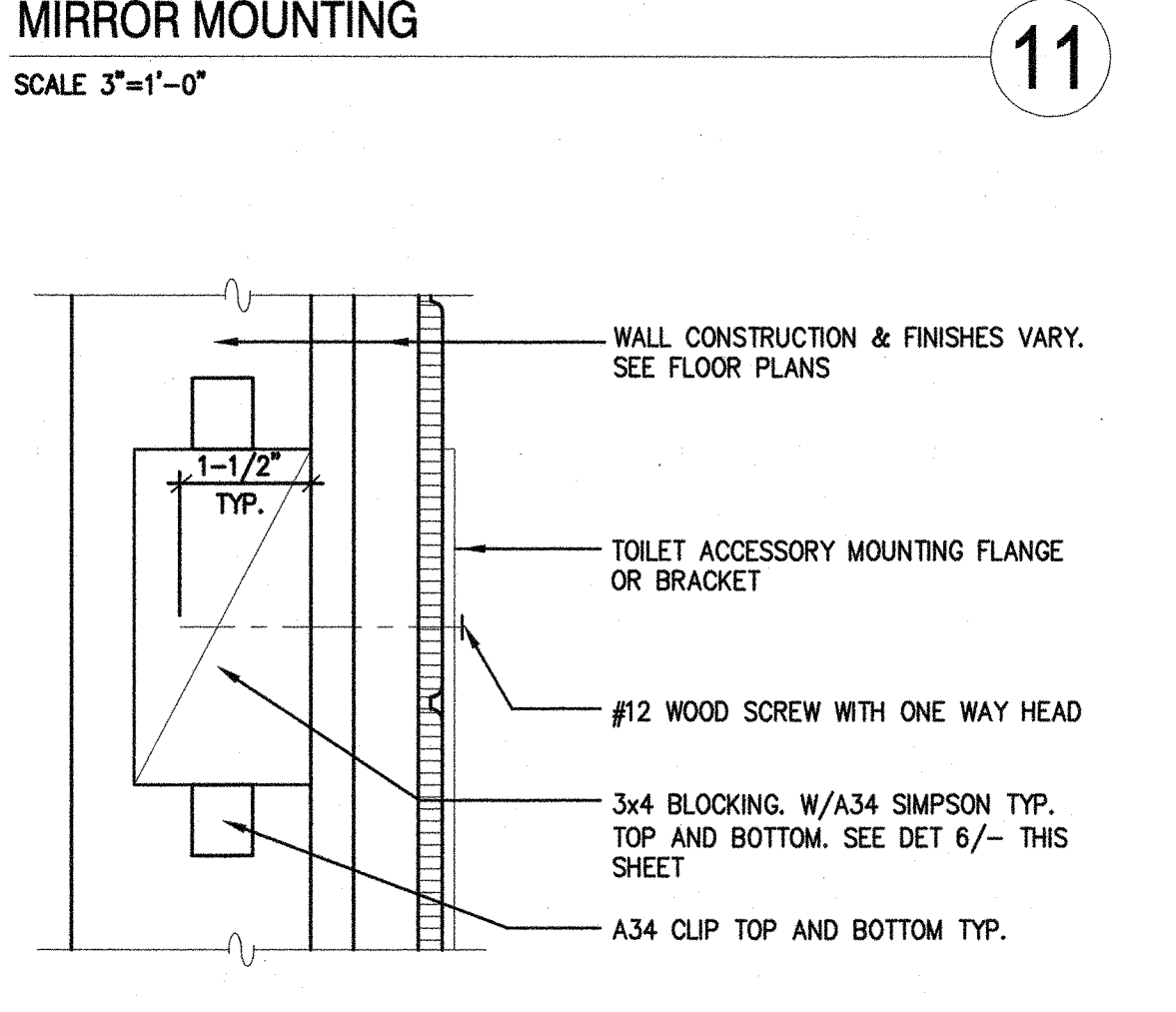
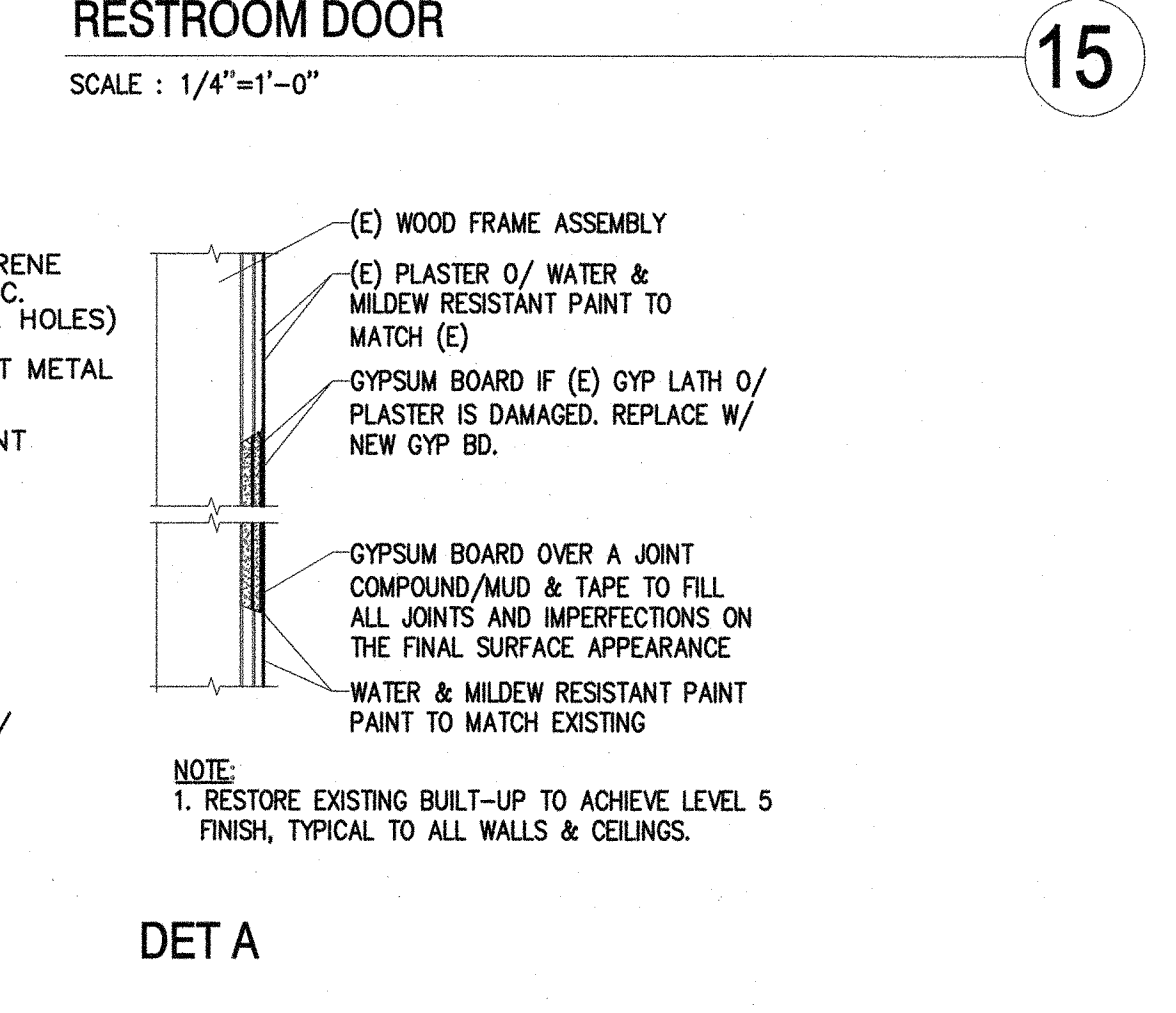
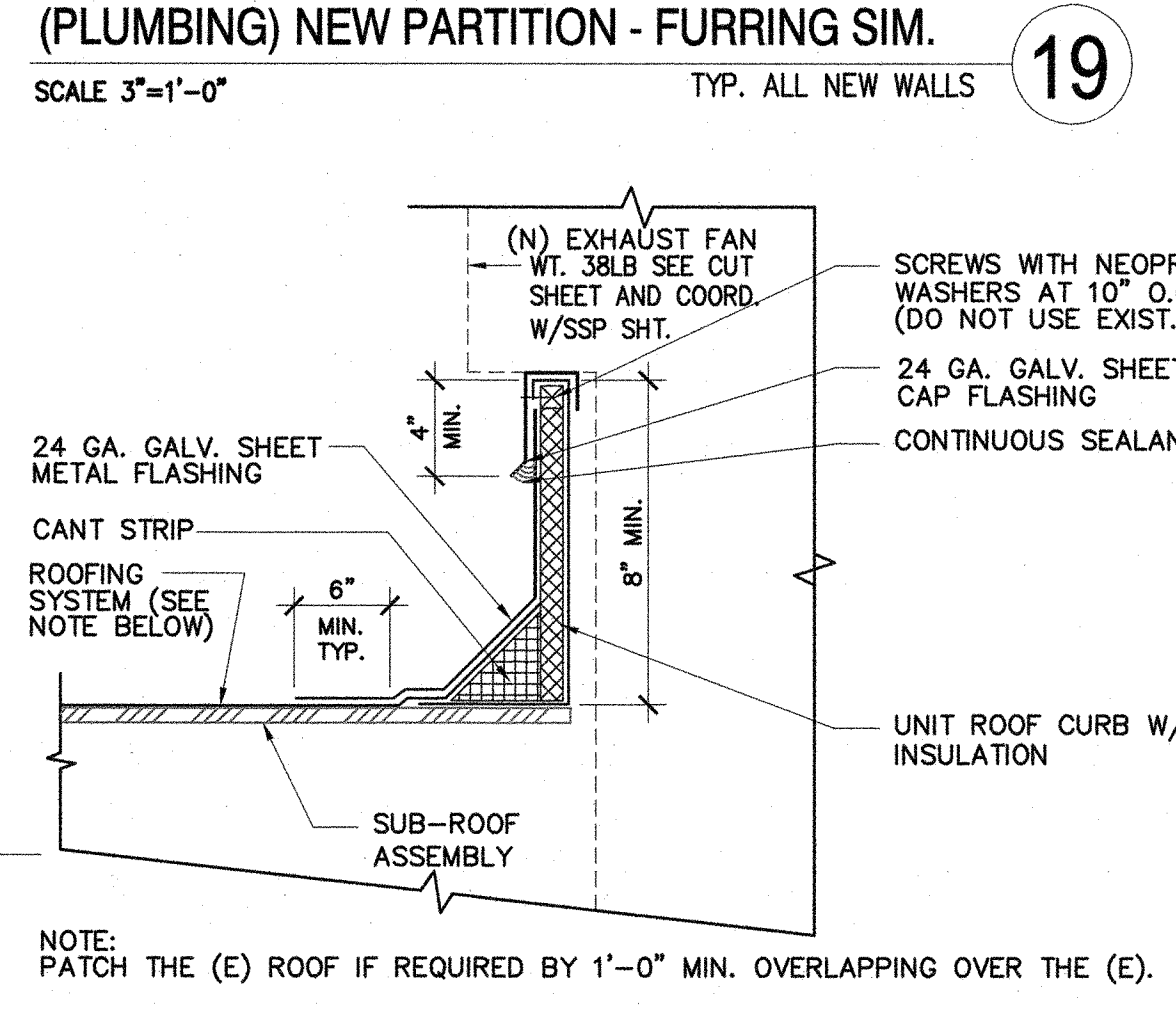
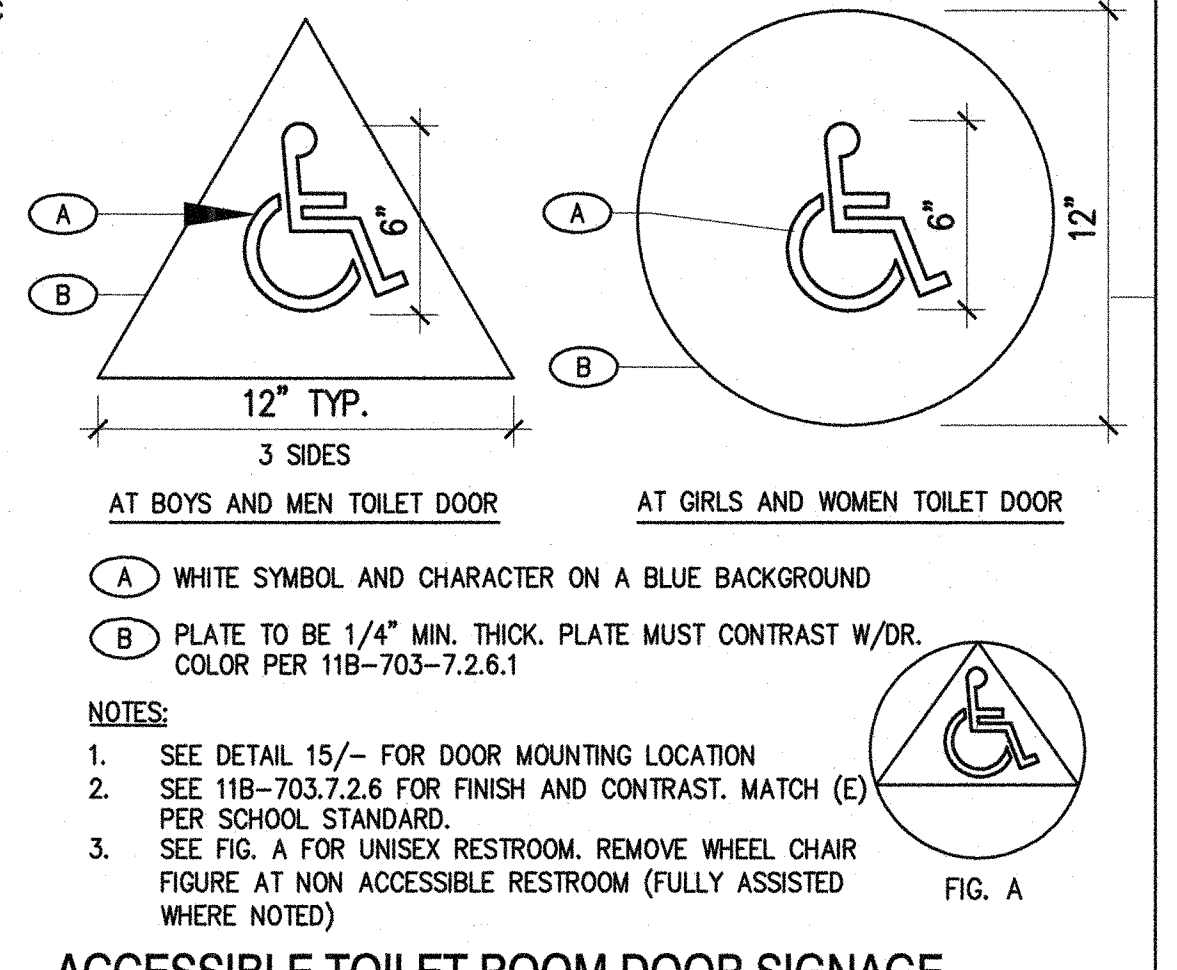
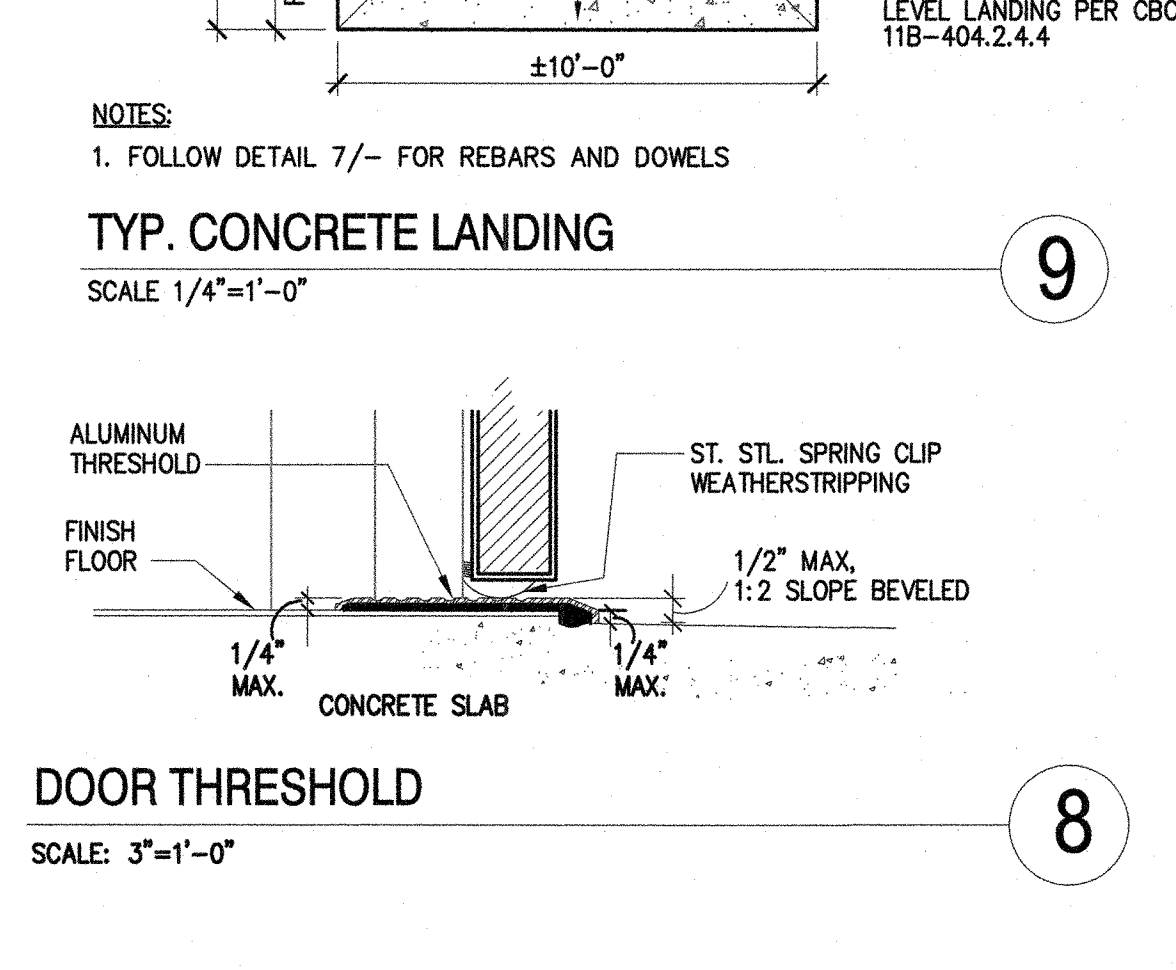
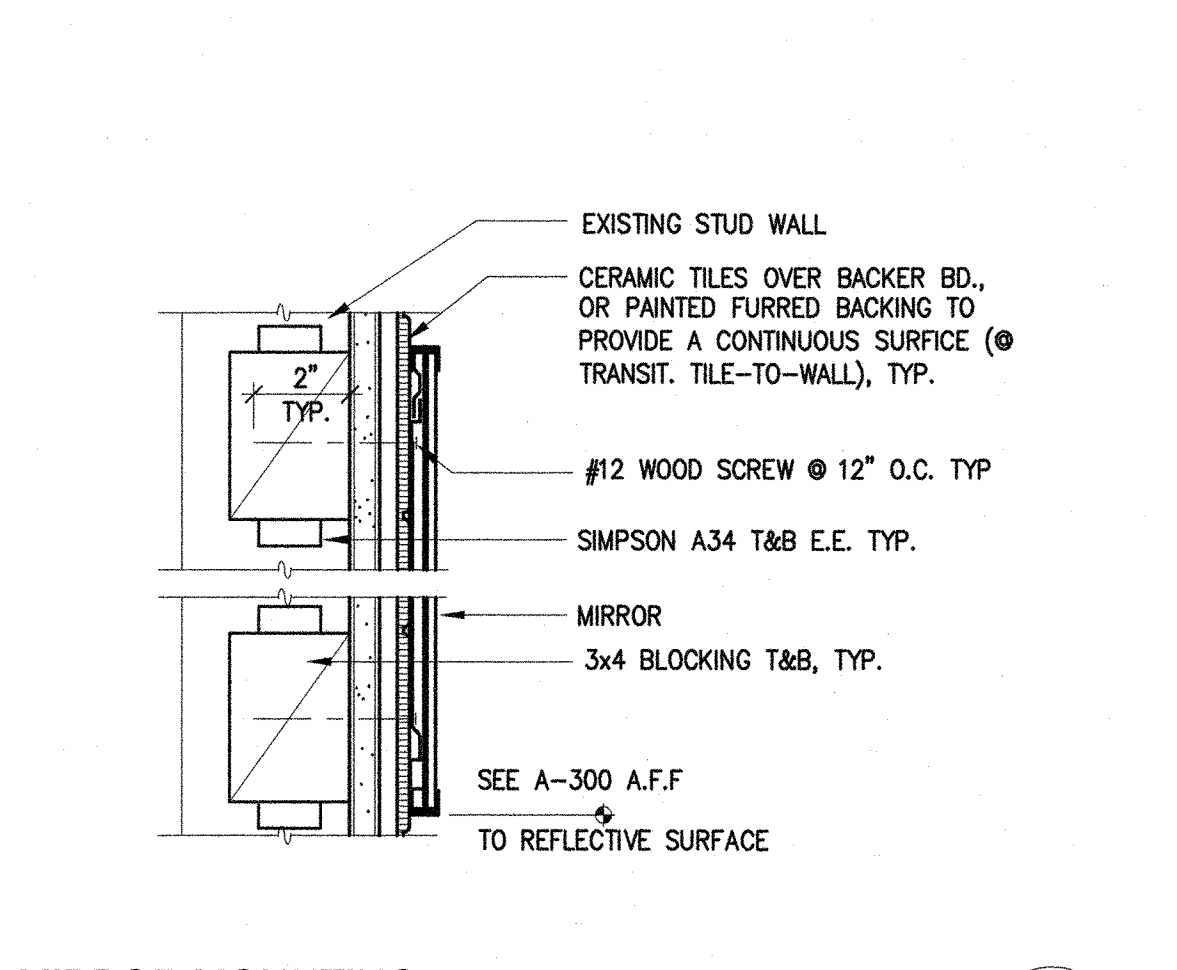
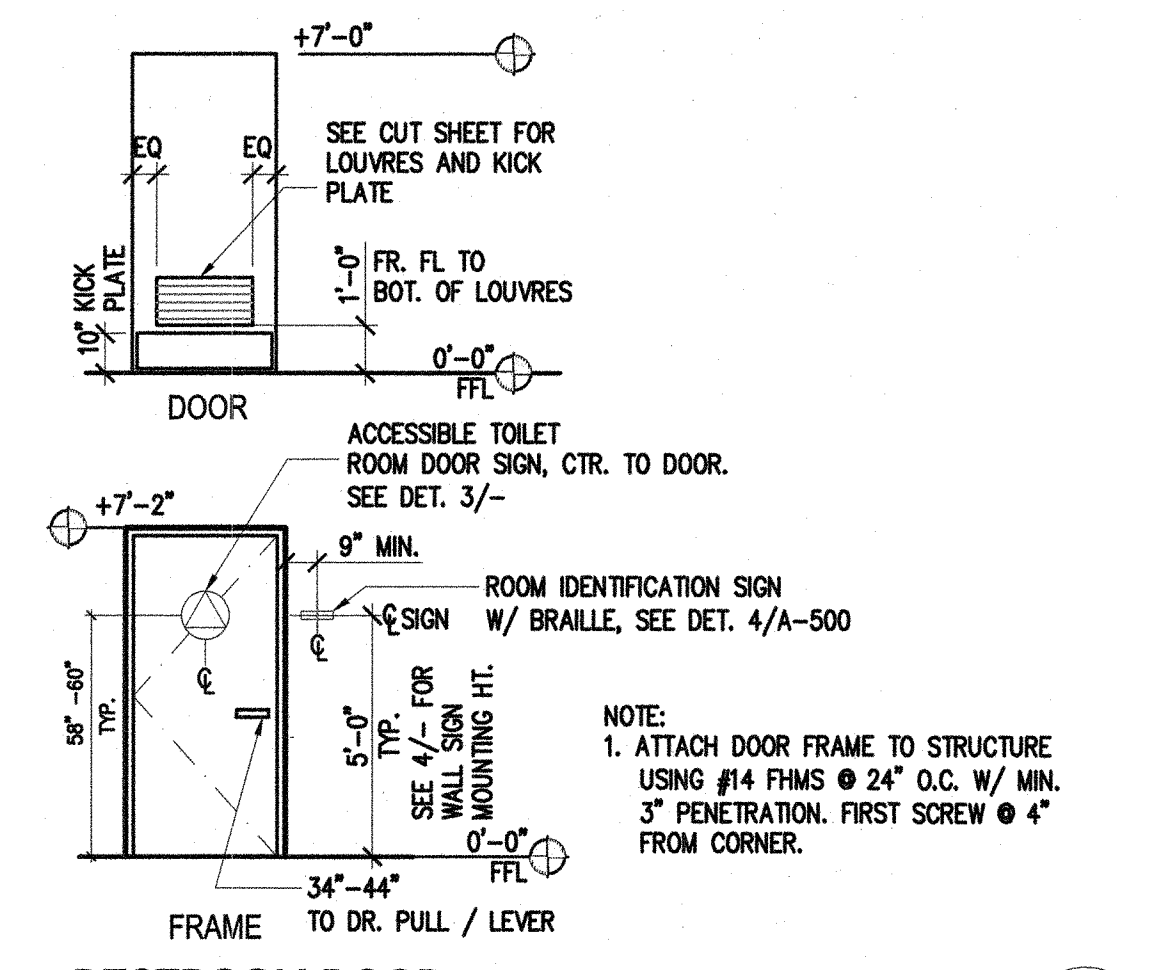
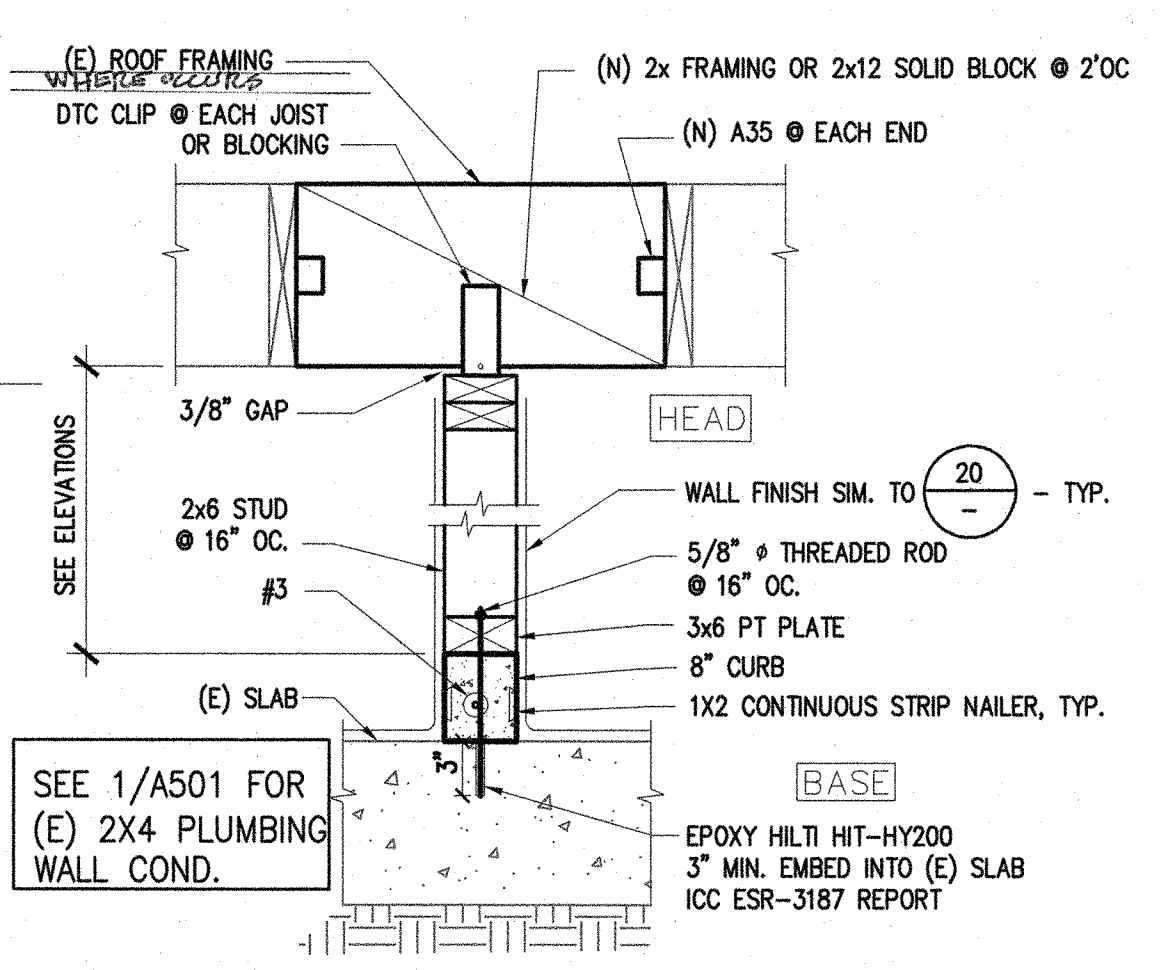
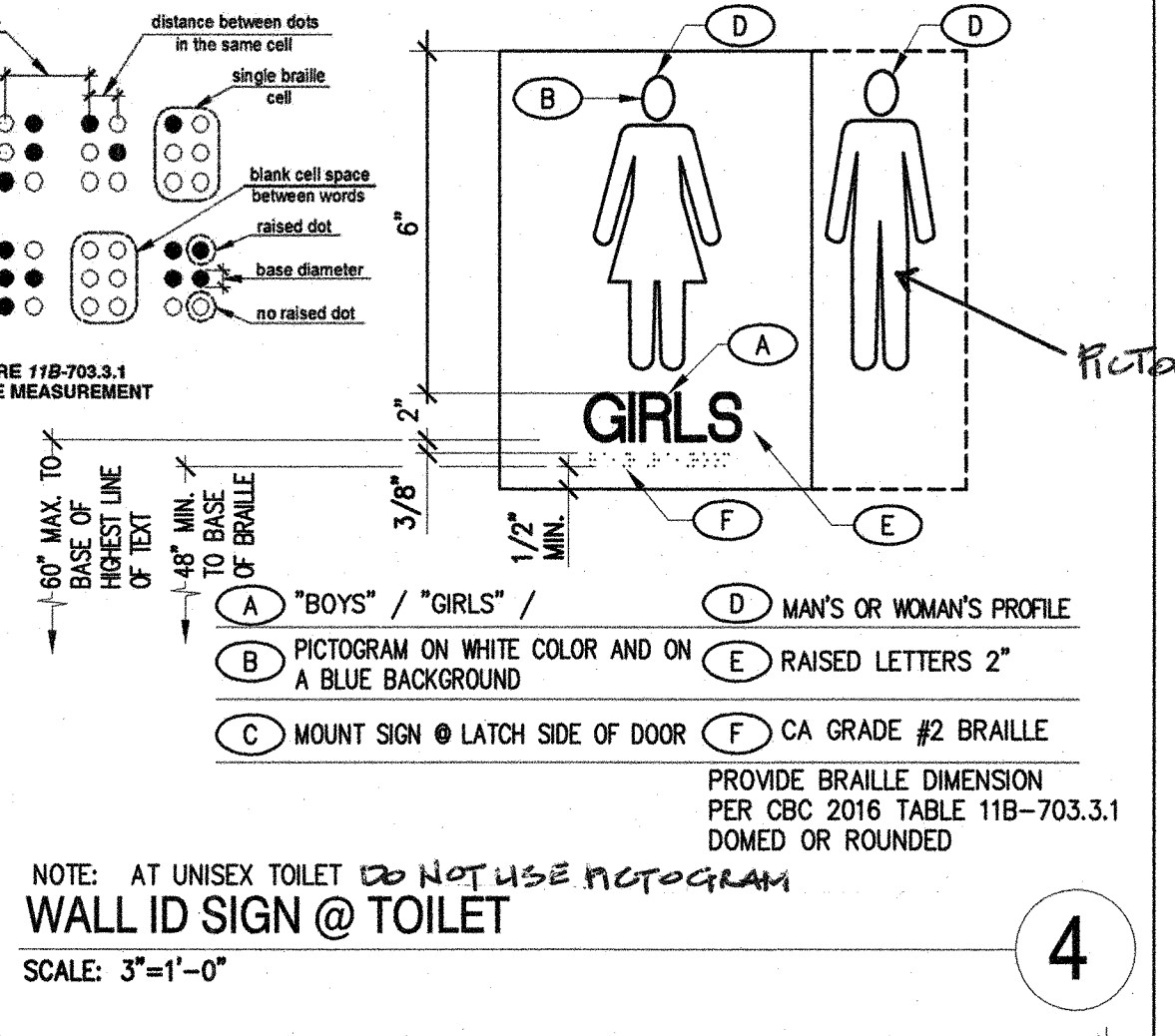
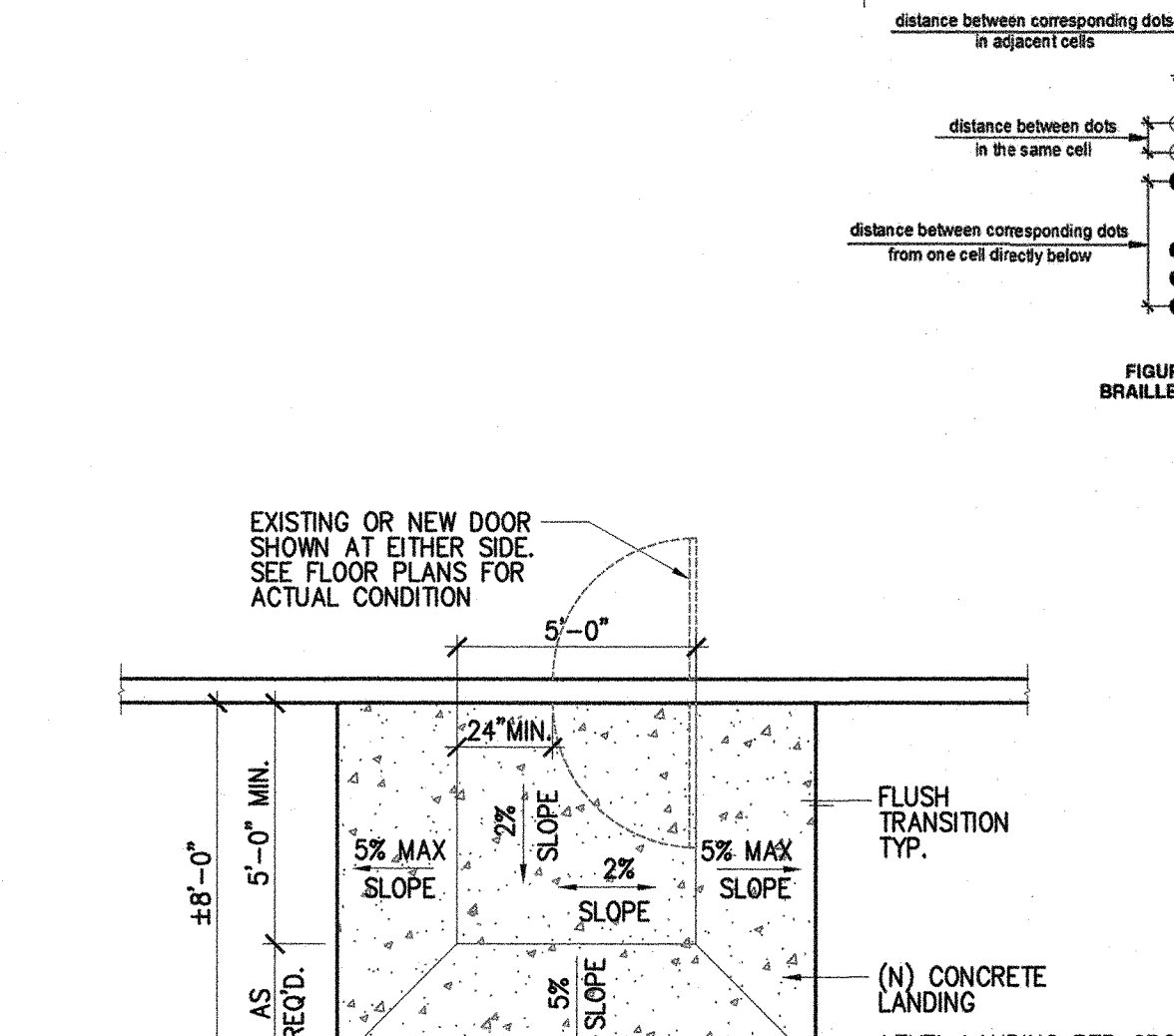
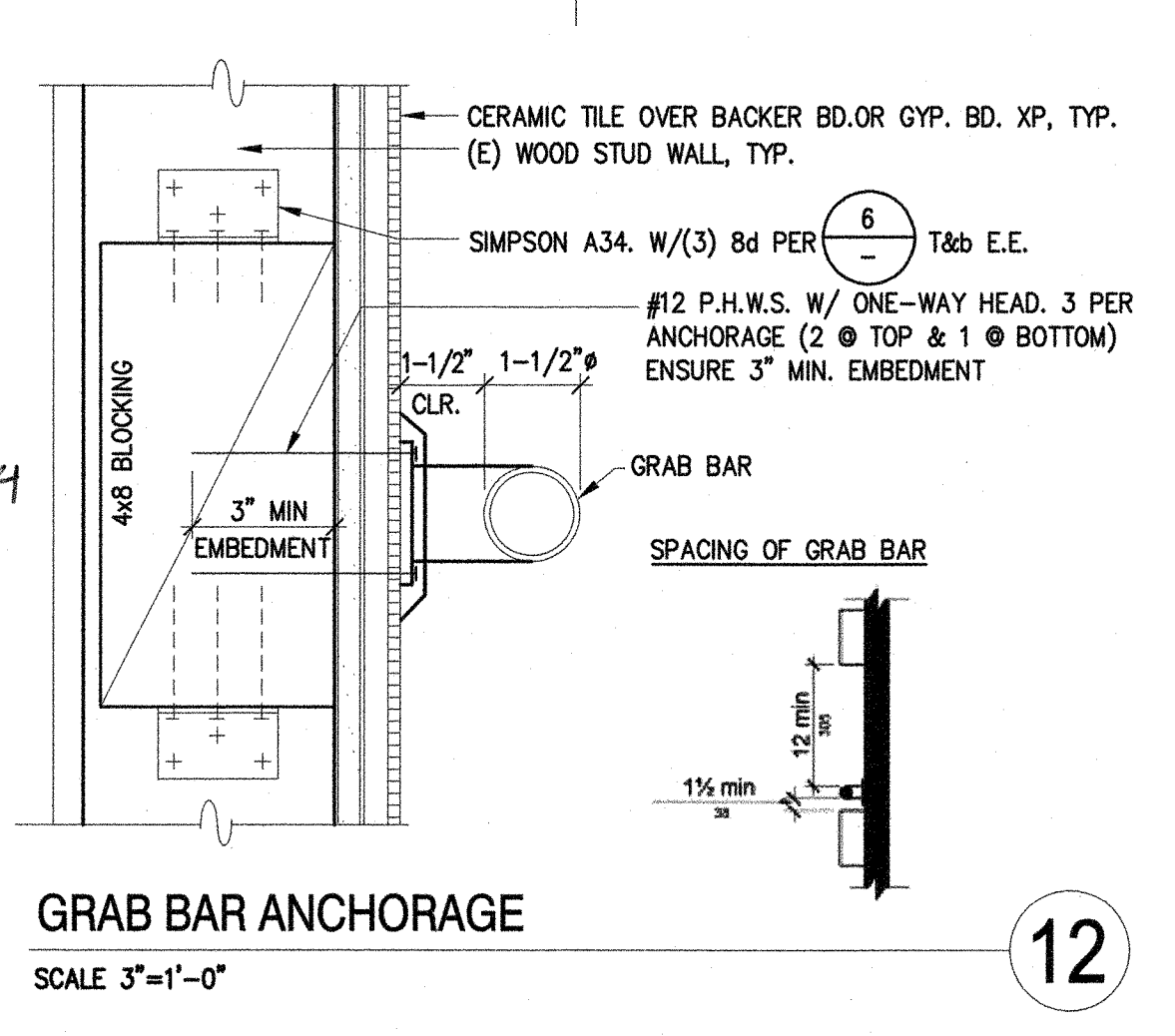
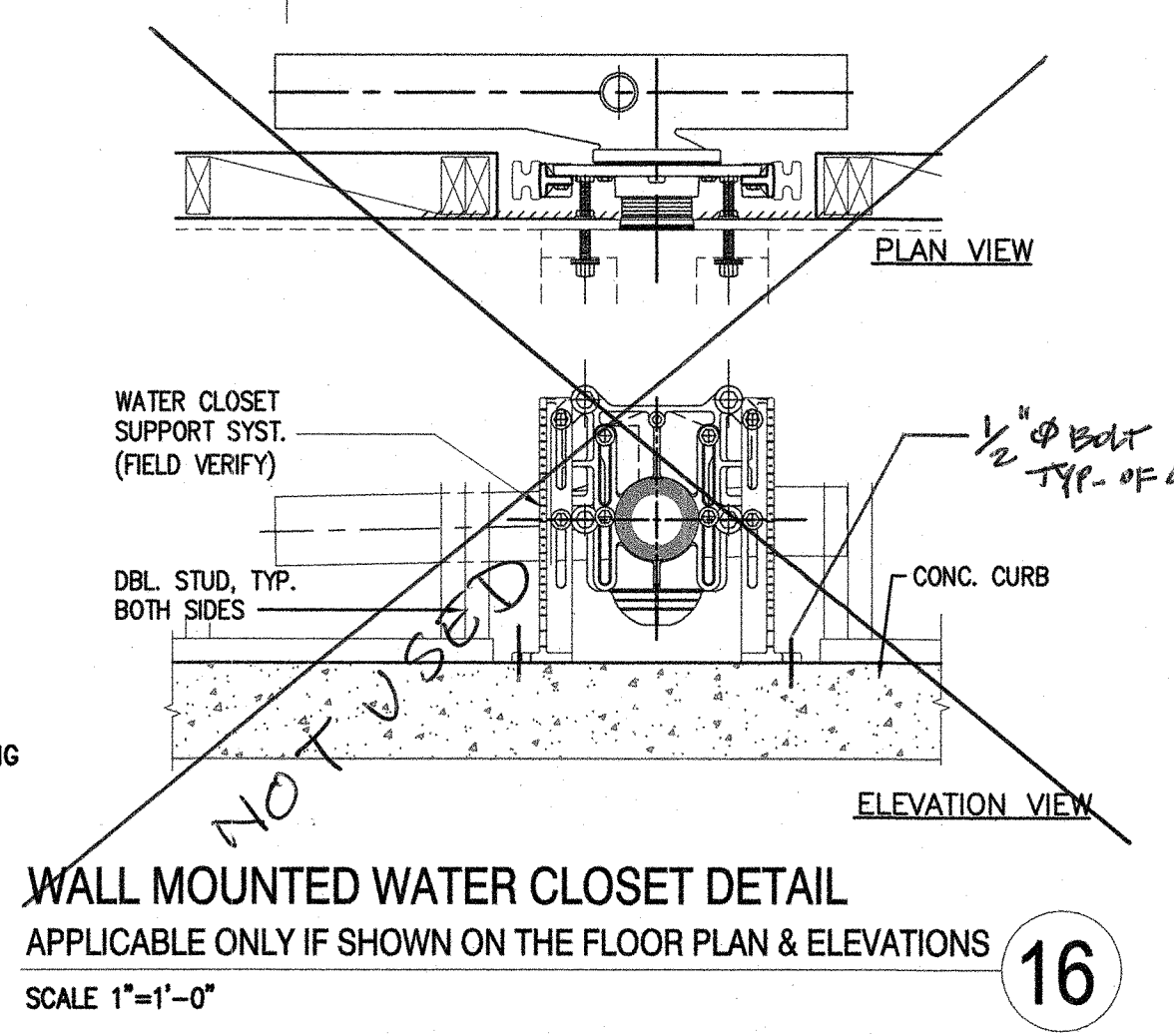
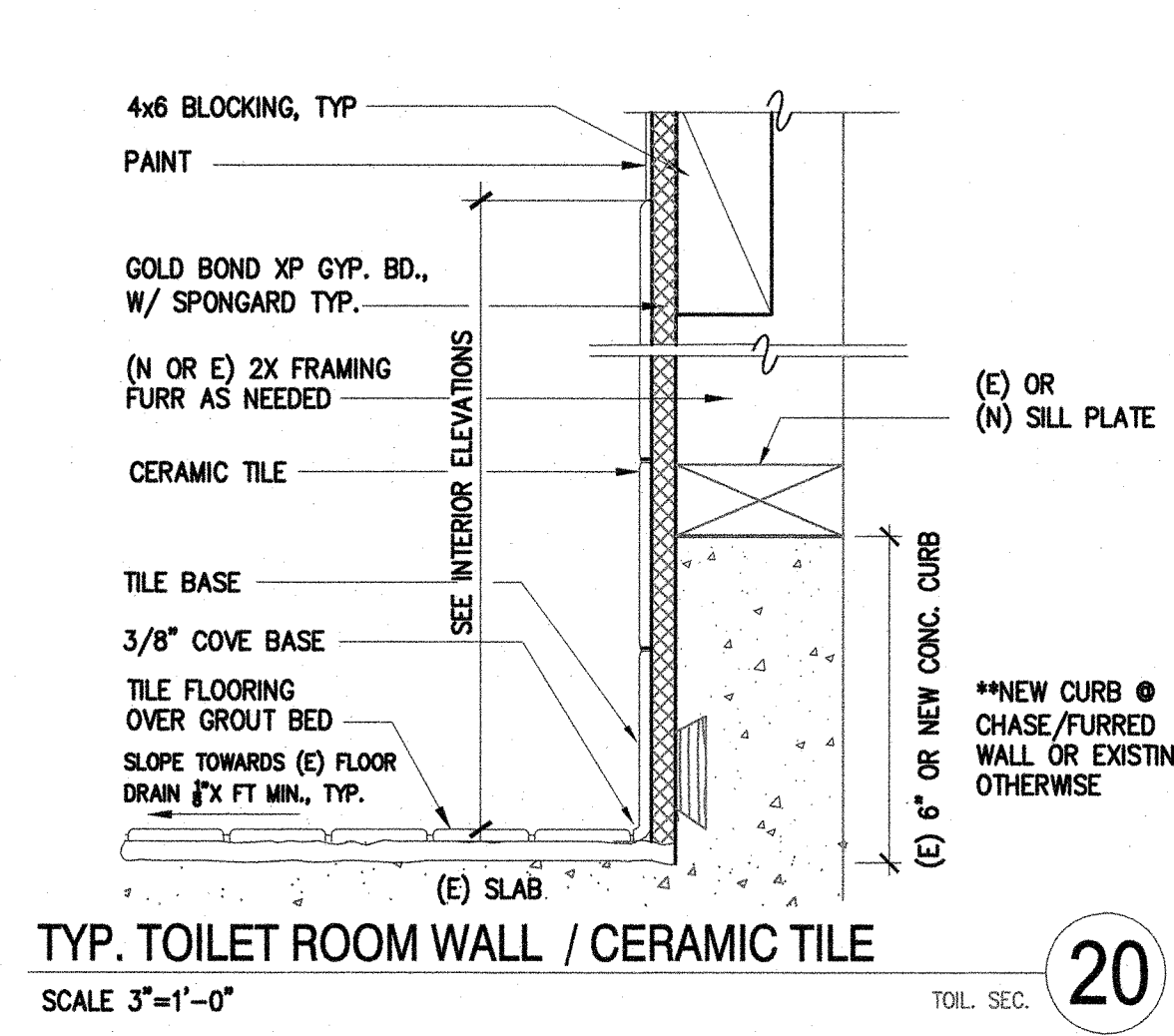
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17-215

SCALE:
AS NOTED

DATE:
3/14/18

SHEET NAME & NUMBER:
GENERAL CONSTRUCTION
NOTES & SCHEDULES

A-300



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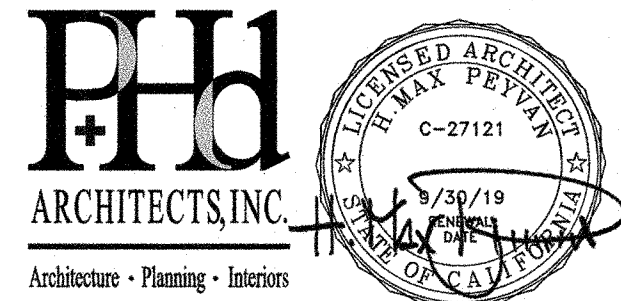
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DATE: 3/14/18

SHEET NAME & NUMBER:
DETAILS

A-500



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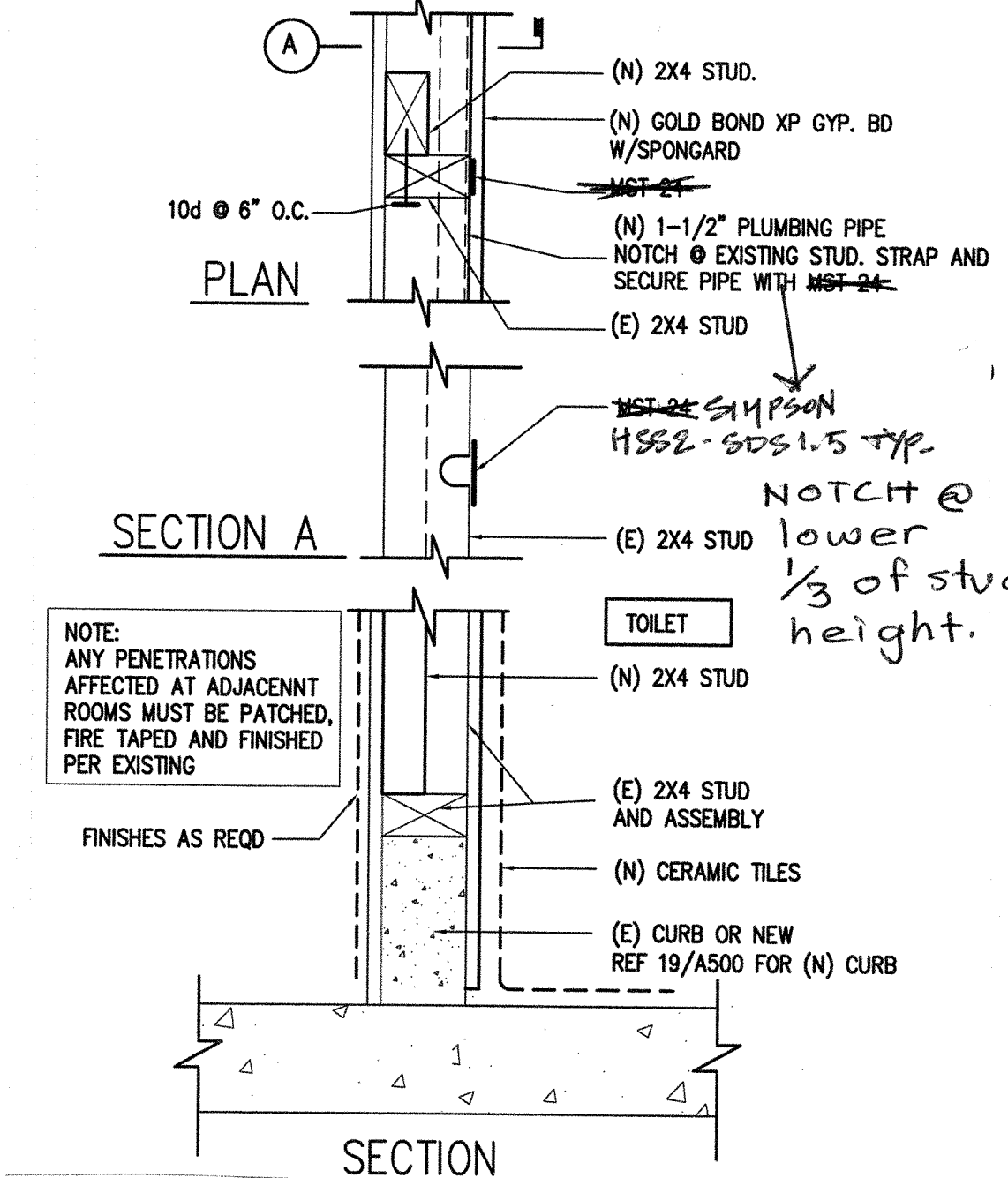
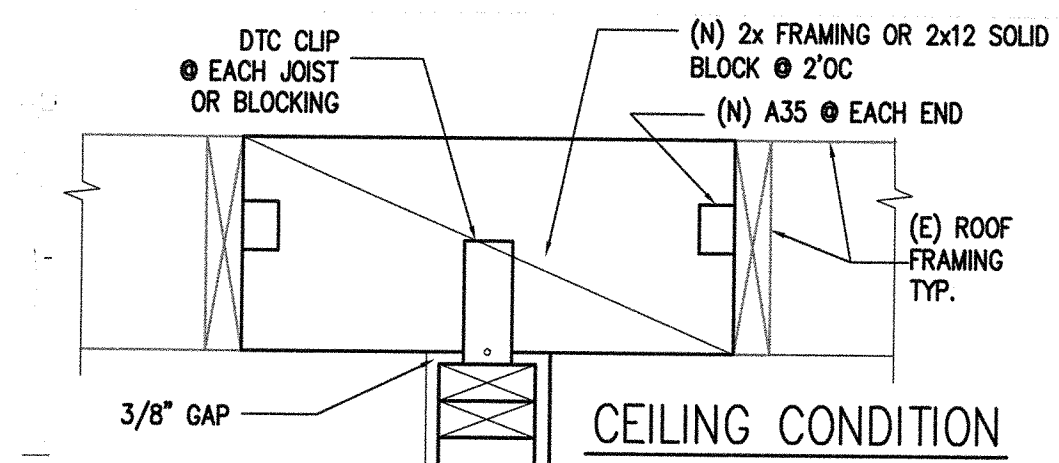
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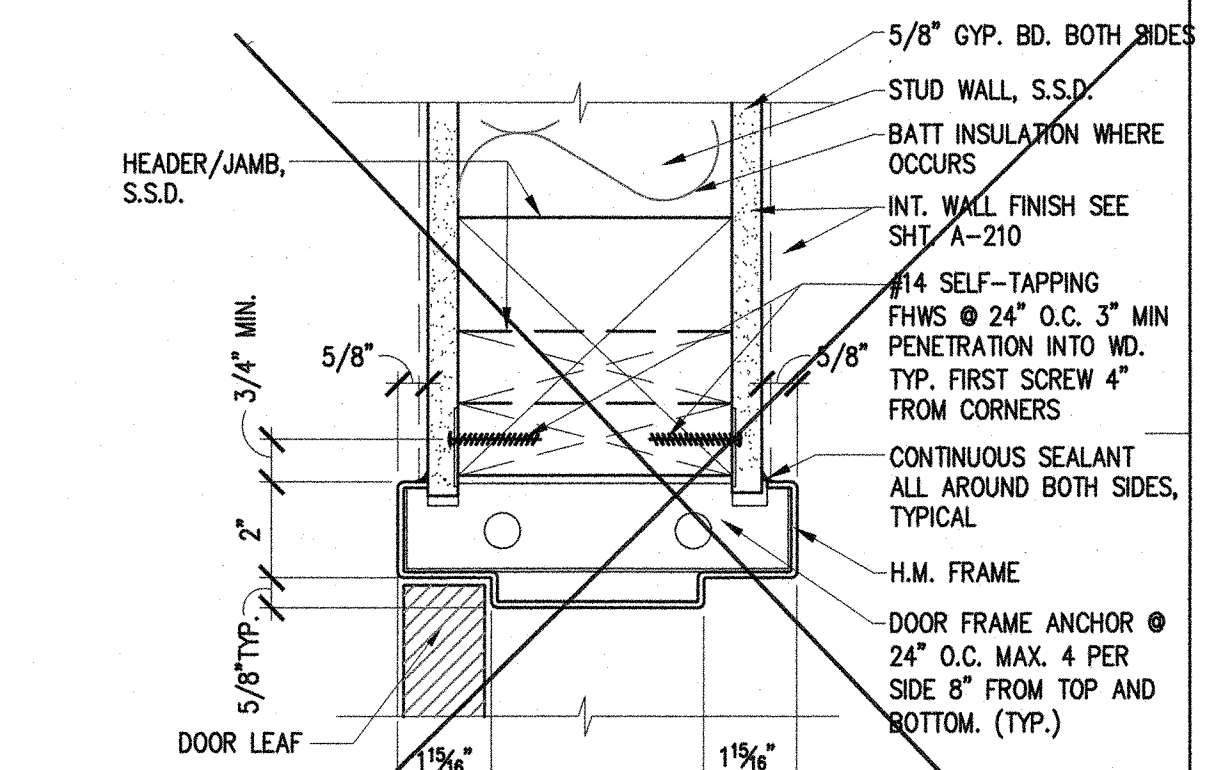
DETAILS

A-501



PLUMBING WALL @ EXST 2X4 STUD

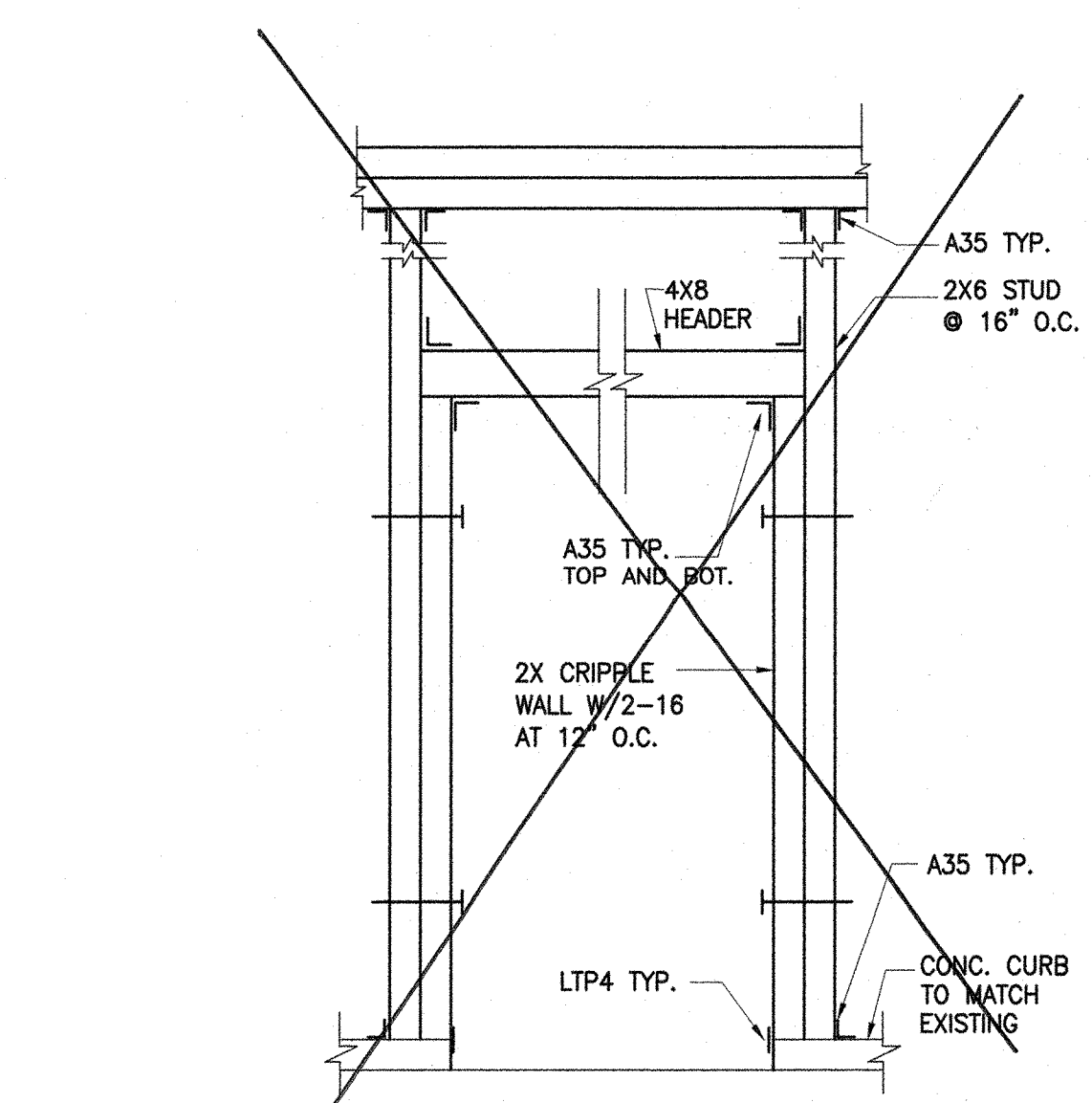
SCALE: 1-1/2"=1'-0"



HEAD INTERIOR DOOR - JAMB SIMILAR

SCALE: 3"=1'-0"

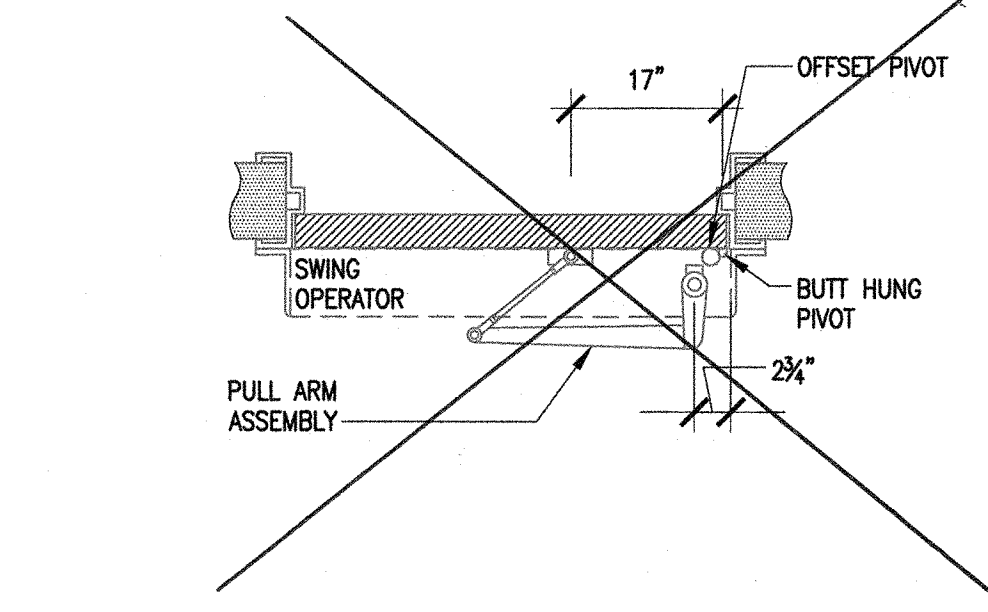
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DOOR FRAMING DETAIL

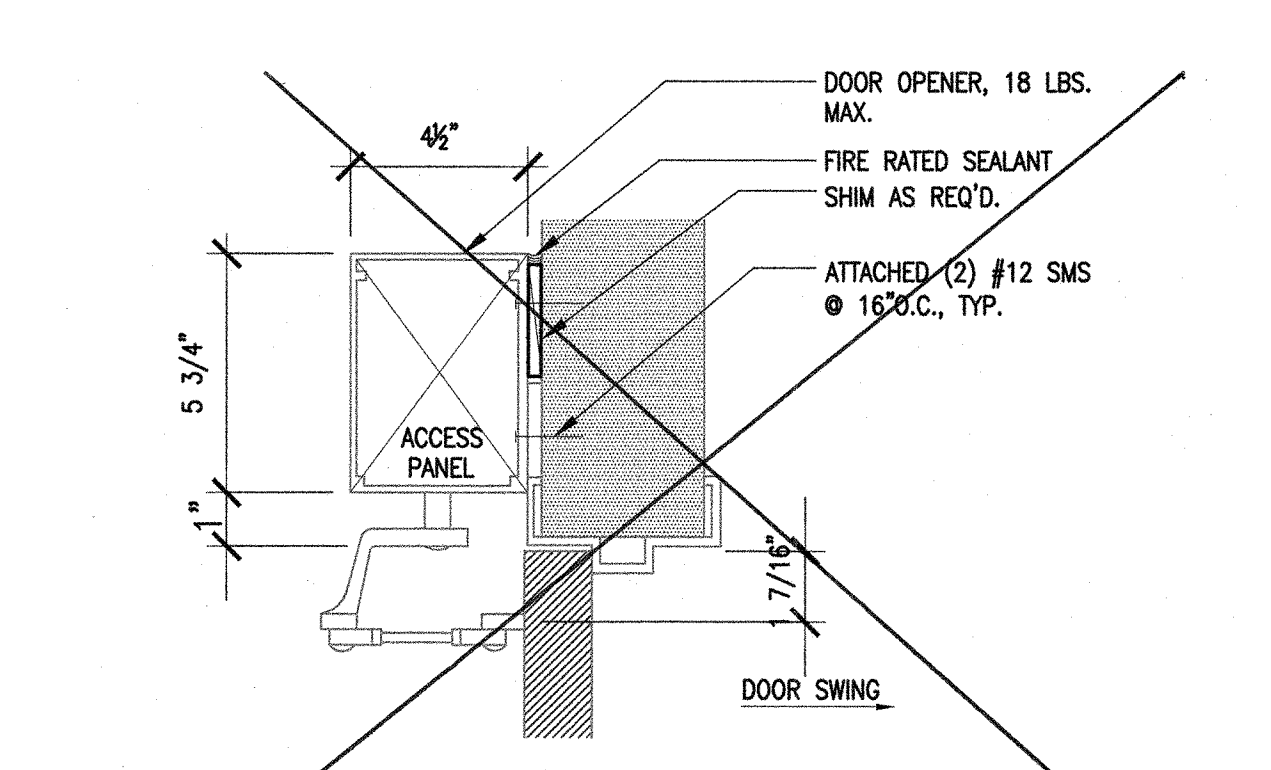
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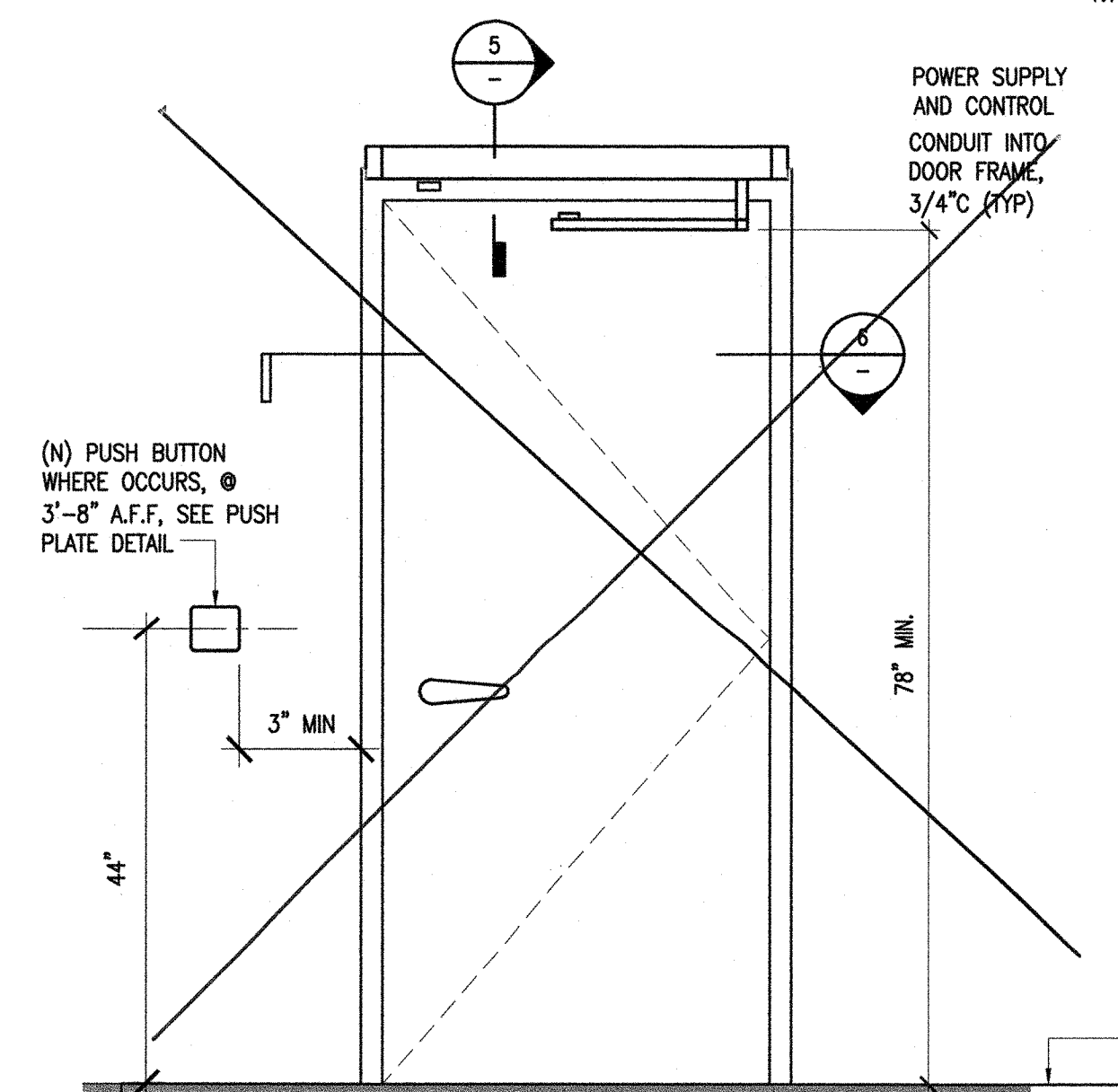
HORIZONTAL SECTION

NTS



VERTICAL SECTION

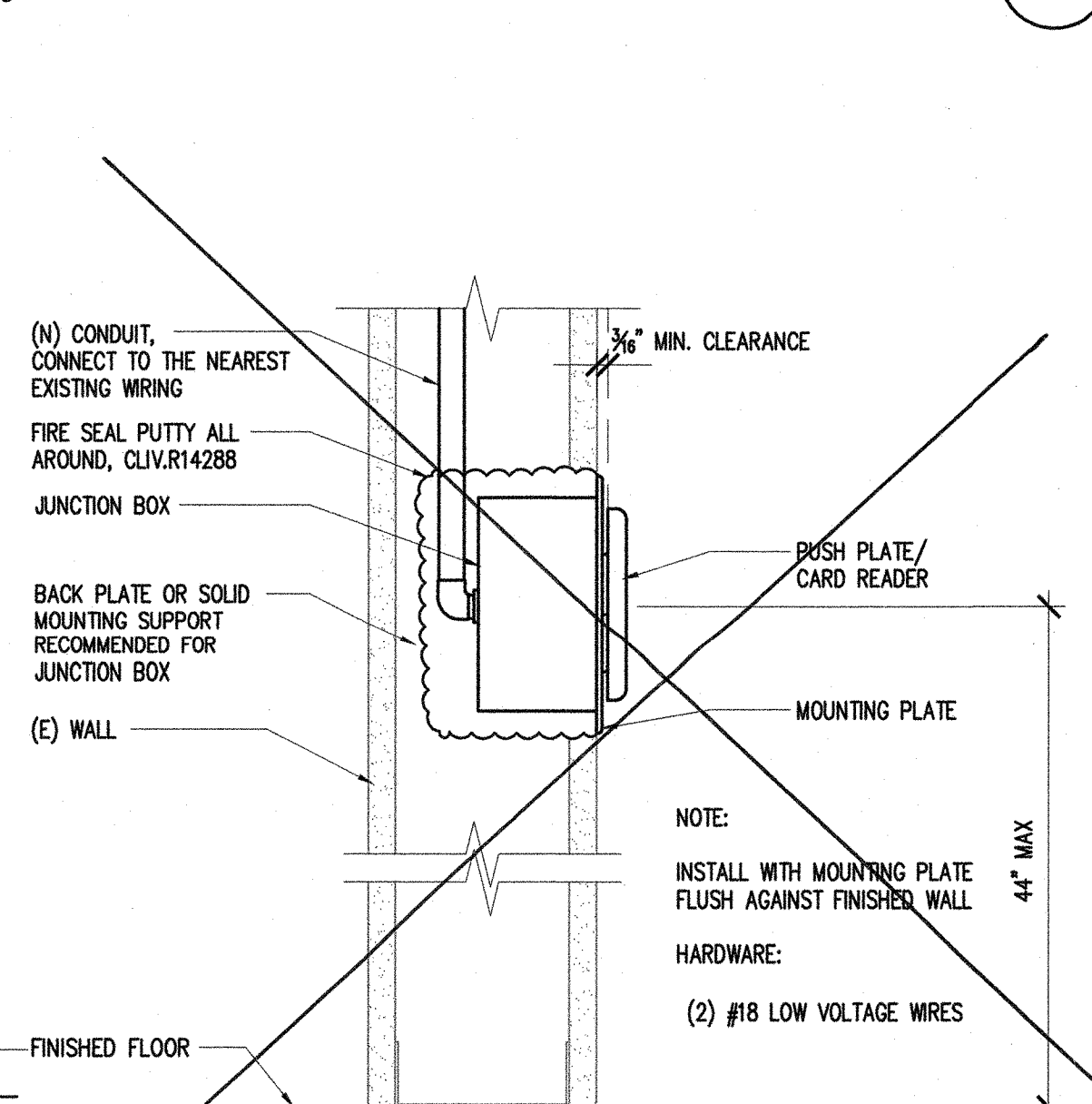
NTS



ELEVATION

(N) DOOR OPENER PUSH PLATE - DE-SCOPE

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



PUSH PLATE DETAIL

4

not used

not used

not used

STRUCTURAL SPECIFICATIONS

DESIGN CRITERIA

CODES
CALIFORNIA BUILDING CODE 2016 EDITION, TITLE 24, PART 2.

STRUCTURAL SPECIFICATIONS

CAST-IN-PLACE CONCRETE

TESTING AND INSPECTION BY THE OWNER'S TESTING LABORATORY

- THE OWNER'S TESTING LABORATORY WILL REVIEW CONCRETE MIX DESIGNS, CEMENT CHEMICAL ANALYSIS, CERTIFICATES OF COMPLIANCE, AS SUPPLIED BY THE CONTRACTOR FOR CONFORMANCE TO 2016 CBC, SECTION 1903A AND THESE SPECIFICATIONS.
- REVIEW OF: CONTRACTOR SUBMITTALS, BATCH PLANT CERTIFICATES, ADMIXTURES, ETC.
- TEST AGGREGATES PER CBC.
- BATCH PLANT INSPECTION IN ACCORDANCE WITH CBC.
- ALL CEMENT USED SHALL BE SAMPLED BY THE OWNER'S TESTING LABORATORY IN ACCORDANCE WITH CBC. CEMENT SAMPLES SHALL BE HELD FOR POSSIBLE TESTING UNTIL COMPLETION OF CONSTRUCTION CONCRETE STRENGTH $f'_c = 3000$ PSI
- CONSTRUCTION TESTING AND INSPECTION:
 - REVIEW AND/OR PROPOSE ADJUSTMENTS TO REVIEWED MIX DESIGNS TO ACCOUNT FOR SITE, WEATHER CONDITIONS, ETC.
 - THE OWNER'S TESTING LABORATORY INSPECTOR WILL MAKE A SET OF THREE (3) SPECIMENS AT THE JOB FOR EACH CLASS OF CONCRETE FOR EACH 50 CUBIC YARDS, OR FRACTION THEREOF AND NOT LESS THAN ONE SET FOR EACH 2,000 SQUARE FEET OF SURFACE AREA FOR SLABS OR WALLS, OF EACH GRADE OF STRUCTURAL CONCRETE USED FOR EACH DAY'S PLACEMENT EXCEPT WHEN THE TOTAL VOLUME OF ANY ONE GRADE OF CONCRETE EXCEEDS 150 CUBIC YARDS PLACED PER DAY, THERE SHALL BE NOT LESS THAN ONE TEST FOR EACH 150 YARDS, OR FRACTION THEREOF, PLACED EACH DAY. PERFORM STANDARD 6"x12" CYLINDER TESTS IN ACCORDANCE WITH ASTM C31 & CBC STANDARDS. A RECORD OF THE LOCATION IN THE BUILDING OF EACH CONCRETE BATCH WILL BE KEPT AND NOTED ON THE SPECIMEN. STANDARD COMPRESSION TESTS OF CYLINDERS WILL BE MADE, ONE AT 7 DAYS AND ONE AT 28 DAYS IN ACCORDANCE WITH ASTM C39 & CBC.
 - THESE CYLINDERS WILL REPRESENT AS NEARLY AS POSSIBLE THE BATCH OF CONCRETE FROM WHICH THEY ARE TAKEN, AND WILL BE TESTED AT THE AGES OF 7 AND 28 DAYS RESPECTIVELY (2 CYLINDERS), WITH ONE IN RESERVE. THE STRENGTH OF THE CONCRETE IS THE AVERAGE OF THE COMPRESSION STRENGTH OF TWO CYLINDERS TESTED AT 28 DAYS. IF THE STRENGTH OF THE MOLDED TEST CYLINDERS FALLS BELOW THE MINIMUM ULTIMATE COMPRESSIVE STRENGTH IN DESIGN, THE PROPORTION OF THE CONCRETE MIX OF THE REMAINING PORTION OF THE STRUCTURE SHALL BE ADJUSTED AS TO GIVE CONCRETE OF THE ASSUMED STRENGTH. THE DEFECTIVE CONCRETE IN PLACE SHALL BE TESTED BY TAKING CORES FROM THE STRUCTURE AS OUTLINED IN CBC, SECTION AT THE CONTRACTOR'S EXPENSE.
 - IF THE COMPRESSIVE TESTS OF THE CORE SPECIMENS FAIL TO SHOW THE COMPRESSIVE STRENGTH CALLED FOR AS A MINIMUM, THE CONCRETE WILL BE DEEMED DEFECTIVE AND SHALL BE REMOVED AND REPLACED OR ADEQUATELY STRENGTHENED IN A MANNER ACCEPTABLE TO THE DSA & THE OWNER AT THE CONTRACTOR'S EXPENSE. FIELD SPECIMENS OF CONCRETE AND TESTS THEREOF SHALL BE IN ACCORDANCE WITH CBC.
 - NOTE: WHERE A CYLINDER TESTED AT 7 OR 28 DAYS IS IN EXCESS OF DESIGN STRENGTH, NO FURTHER TESTING WILL BE DONE. THE CONTRACTOR SHALL PROVIDE A SATISFACTORY BIN FILLED WITH DAMP SAND FOR STORAGE OF THE SPECIMEN CYLINDERS UNTIL DELIVERED TO THE LABORATORY.
- NON-STRUCTURAL CONCRETE
 - TESTING AND INSPECTION IS NOT REQUIRED.
 - SLUMP TEST AND AIR TESTS WILL BE MADE AT THE TIME OF TAKING TEST SPECIMENS, AND/OR AT ONE-HOUR INTERVALS DURING PLACING OF CONCRETE IN ACCORDANCE WITH ASTM D143.9.
 - TESTING OF DRILLED AND/OR GROUTED CONCRETE ANCHORS: TESTING LABORATORY SHALL TEST ALL SUCH ANCHORS AS NOTED ON THE DRAWINGS.
 - THE INSPECTOR WILL OBTAIN, FOR EACH TRANSIT MIXER, BATCH CERTIFICATES FOR EACH DELIVERY, INDICATING BATCH DATE, TIME, INGREDIENT QUANTITIES, WATER ADDED AT PLANT AND JOB SITE, AND NUMBER OF MIXER REVOLUTIONS UP TO START OF PLACING.
 - THE LABORATORY'S INSPECTOR WILL REPORT TO THE CONTRACTOR WHEN MATERIAL DOES NOT MEET THE REQUIREMENTS NOTED HEREIN. THE CONTRACTOR SHALL DISALLOW USE OF SUCH MATERIAL UNLESS PRIOR APPROVAL FOR USE IS GIVEN BY THE ARCHITECT/ENGINEER AND THE DSA

MATERIALS

- PORTLAND CEMENT: ASTM C150, TYPE II WITH THE FOLLOWING PROPERTIES:
 - MAXIMUM PERCENTAGE (BY WEIGHT) OF THE FOLLOWING COMPOUNDS IS LIMITED TO: TRI-CALCIUM ALUMINATE - 6% TRI-CALCIUM ALUMINATE AND TRI-CALCIUM SILICATE 60%
 - CEMENT SHALL CONFORM TO CBC.
- CONCRETE AGGREGATES: ASTM C33 AND CBC, STONE AGGREGATE. SOURCE SHALL REMAIN CONSTANT THROUGHOUT THE DURATION OF THE JOB. THE EXACT PROPORTIONS OF COMBINED FINE AGGREGATES AND COURSE AGGREGATES TO BE USED IN THE MIX SHALL MEET THE REQUIREMENTS OF CBC.
- WATER: POTABLE, CLEAN, FROM DOMESTIC SOURCE:
 - ADMIXTURES: ALL ADMIXTURES SHALL BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ADMIXTURES CONTAINING CALCIUM CHLORIDES SHALL NOT BE USED WITHOUT THE APPROVAL OF THE ARCHITECT/ENGINEER AND THE OWNER'S TESTING LABORATORY. ADMIXTURES SHALL CONFORM TO CBC.
 - WATER REDUCING ADMIXTURES: ASTM C494, TYPE A; "POZZOLITH 300R", MASTER BUILDERS; WRDA 79, WR GRACE CO.; APPROVED EQUAL.
 - WATER REDUCING ADMIXTURES AND RETARDER: ASTM C494, TYPE D; "POZZOLITH 300R", MASTER BUILDERS; "PLASTIFLOW-R" BY NOX-CRETE; OR APPROVED EQUAL.
 - AIR ENTRAINMENT: MBAE-10, MASTER BUILDERS AIR ENTRAINMENT.

STRUCTURAL SPECIFICATIONS (CONTINUE)

CONCRETE MIXES

- CONTRACTOR SUBMITTALS SHALL BE SUPPLIED TO THE DSA, THE PI AND THE OWNER'S TESTING LABORATORY AT LEAST 15 DAYS BEFORE PLACING CONCRETE.
- THE PROPORTIONS OF THE CONCRETE MIXES SHALL BE SUCH AS TO PRODUCE CONCRETE OF REQUIRED: AVERAGE STRENGTH (AS DESCRIBED BY CBC SECTION 1908A.5), SET TIME, SLUMPS, AGGREGATE SIZES, SHRINKAGE, AND OF A CONSISTENCY THAT WILL ALLOW THOROUGH COMPACTION WITHOUT EXCESSIVE PUDDLING, SPADING, OR VIBRATION, AND WITHOUT PERMITTING THE MATERIALS TO SEGREGATE, OR FREE WATER TO COLLECT ON THE SURFACE. THE SIZE OF AGGREGATES SHALL BE SUCH THAT IT WILL PRODUCE DENSE AND UNIFORM CONCRETE FREE FROM ROCK POCKETS, HONEYCOMB AND OTHER IRREGULARITIES. ALL CONCRETE MIXES SHALL HAVE ENTRAINMENT AIR FOR WORKABILITY (4% MAXIMUM). THE MINIMUM SET TIME FOR CONCRETE TO BE USED FOR FLATWORK SHALL BE 3-1/2 HOURS; OTHER CONCRETE 3 HOURS AS MEASURED FROM PLACEMENT OF MATERIALS IN THE MIXER.
- PRIOR TO SUBMITTAL OF MIX DESIGNS THE CONTRACTOR SHALL REVIEW THEM FOR COMPATIBILITY WITH HIS PLACING REQUIREMENTS TO INSURE THAT THE CONCRETE AS DESIGNED CAN BE PLACED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- CONCRETE MAY, AT THE CONTRACTOR'S OPTION, BE DESIGNED FOR EITHER PUMP OR CONVENTIONAL PLACING WITH AGGREGATE SIZE, SLUMPS, ETC. TO BE MAINTAINED AS SPECIFIED BELOW.
- VARIATIONS IN MIX DESIGN ARE TO BE RESUBMITTED FOR REVIEW PRIOR TO USE.

CURING

CURING SHALL IMMEDIATELY FOLLOW FINISHING.

1. FLATWORK ON GRADE: CURE BY ONE OF THE FOLLOWING METHODS:

- WATERPROOF CURING PAPER: WHILE IN THOROUGHLY DAMP CONDITION, COVER WITH CURING PAPER; LAP SEAMS 6" MINIMUM AND EXTEND BEYOND SLAB OR PAVING PERIMETERS 6" MINIMUM; SEAL ALL LAPS AND EDGES WITH CONTINUOUS REINFORCING PLASTIC TAPE. DO NOT REMOVE FOR 7 DAYS MINIMUM.
- WATER CURING: FLATWORK MAY BE CONTINUOUSLY WATER CURED WITH A FOG SPRAY OR FLOODED, FOR A PERIOD OF (7) DAYS MINIMUM (INCLUDING HOLIDAYS AND WEEKENDS).

2. FORMED CONCRETE MEMBERS:

- BEAMS, WALLS, COLUMNS, ETC., SHALL BE KEPT CONTINUOUSLY WET FOR A MINIMUM OF SEVEN (7) DAYS AFTER PLACEMENT, AND SHALL BE ADEQUATELY PROTECTED FROM COLD AND HOT WEATHER.
- FORMS SHALL BE KEPT TIGHT FOR THIS MINIMUM PERIOD OF TIME.
- COVER EXPOSED SURFACES WITH DAMP CLOTH MATERIALS.

CONCRETE REINFORCEMENT

TESTING AND INSPECTION

- REINFORCING STEEL IS TO BE SAMPLED AND TESTED BY THE OWNER'S TESTING LABORATORY IN ACCORDANCE WITH ASTM A615 AND, 2016 CBC.
- MATERIAL TESTS: WHERE SAMPLES ARE TAKEN FROM BUNDLES AS DELIVERED FROM THE MILL, WITH THE BUNDLES IDENTIFIED AS TO HEAT NUMBER, AND PROVIDED THE MILL ANALYZES ACCOMPANY THE REPORT, THEN ONE TENSILE TEST AND ONE BENT TEST SHALL BE MADE FROM A SPECIMEN FROM EACH 10 TONS OR FRACTION THEREOF EACH SIZE OF REINFORCING STEEL. WHERE IDENTIFICATION OF MATERIALS BY HEAT NUMBER TO MILL TESTS CANNOT BE MADE, THE CONTRACTOR SHALL HAVE THE MATERIALS TESTED AT HIS EXPENSE, MAKE ONE SERIES OF TENSION AND BEND TESTS FOR EACH 2-1/2 TONS OR FRACTION THEREOF EACH SIZE AND TYPE OF REINFORCING STEEL. TESTS SHALL BE PERFORMED BY THE DISTRICT TESTING LABORATORY.

SUBMITTALS

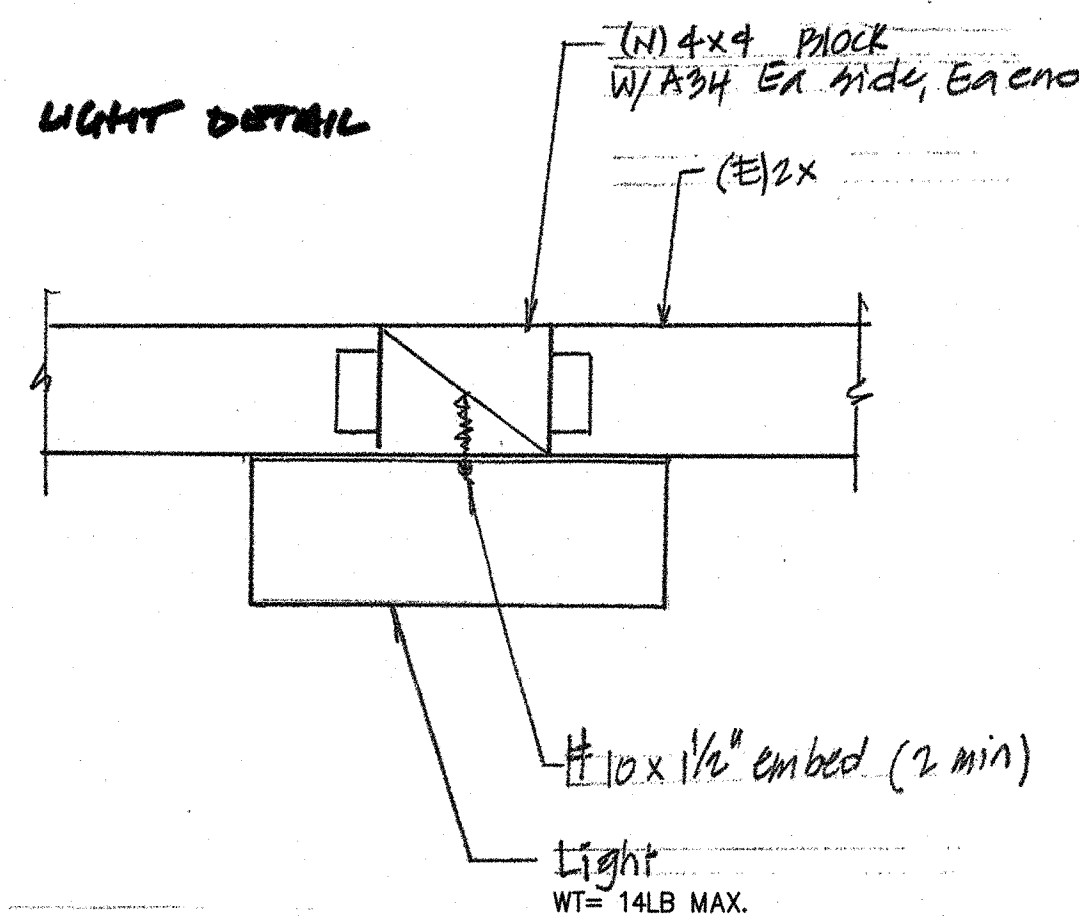
- THE FABRICATOR SHALL PROVIDE THE OWNER'S TESTING LABORATORY MANUFACTURER'S MILL TEST REPORTS FOR THE MATERIALS TO BE USED ON THE JOB. THESE REPORTS ARE TO INCLUDE CHEMICAL AND PHYSICAL PROPERTIES OF THE REINFORCING FOR EACH HEAT NUMBER MANUFACTURED. ALL FABRICATED MATERIALS TO BE TAGGED WITH HEAT NUMBER.

MATERIALS

- REINFORCING BARS - NEW BILLET STEEL, ASTM A615, GRADE 40 #4 AND SMALLER, GRADE 60 #5 AND LARGER EXCEPT STIRRUPS AND COLUMN TIES, WHICH SHALL BE GRADE 40.
- TIE WIRE: NO. 16 AWG OR HEAVIER, BLACK ANNEALED.

DOWELS, SPLICING AND OFFSETS

- BARS SHALL BE SPREAD THE MINIMUM DISTANCE SPECIFIED. STAGGER SPLICES 50% OF ADJACENT BARS. BEAM OR SLAB TOP BARS SHALL BE SPLICED MID-SPAN OF COLUMN SUPPORT AND BOTTOM BARS SPLICED AT COLUMN SUPPORTS. ALL SPLICES NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY ARCHITECT/ENGINEER. ALL SPLICES AND LAPS AT CORNERS AND INTERSECTIONS SHALL BE TIED WITH WIRE AT EACH END.



STRUCTURAL SPECIFICATIONS (CONTINUE)

ROUGH CARPENTRY

I. REFERENCE STANDARD

- CALIFORNIA BUILDING CODE 2016 EDITION, CHAPTER 23 (NOTED HEREIN AS CBC)
- "NATIONAL DESIGN SPECIFICATIONS", 2015 EDITION.

II. MATERIALS

A. FASTENERS:

- GENERAL REQUIREMENTS FOR FASTENERS:
 - FASTENINGS SHALL BE OF ADEQUATE SIZE AND TYPES FOR THE PURPOSES FOR WHICH THEY ARE USED AND AS SHOWN ON THE DRAWINGS.
 - INCLUDE WASHERS, PRE-DRILLING, ETC. REQUIRED FOR INSTALLATION.
 - FOR EXTERIOR WORK, FASTENINGS SHALL BE HOT DIP GALVANIZED, NON-FERROUS, OR MADE RUST-RESISTANT BY APPROVED METHODS.

2. NAILS AND NAILING NOT OTHERWISE SHOWN OR SPECIFIED:

- FOR FRAMING, PLYWOOD AND GENERAL STRUCTURAL WOOD WORK.
 - ALL NAILS SHALL BE OF BRIGHT COMMON WIRE WITH FULL ROUND HEADS, AND SHALL BE OF SUFFICIENT LENGTH TO EXCEED REQUIRED PENETRATION INTO THE SUPPORTING MEMBER BY 1/8".
 - FRAMING NAILS SHALL BE HAND-DRIVEN AND SHALL MEET THE DIMENSIONAL REQUIREMENTS FOR COMMON WIRE NAILS OF THE CBC.
 - PLYWOOD NAILS: HAND-DRIVEN NAILS SHALL CONFORM TO REQUIREMENTS ABOVE.
- PNEUMATICALLY (MACHINE) DRIVEN NAILS SHALL NOT BE USED WITHOUT A VALID ICC REPORT. CONTRACTOR SHALL PROVIDE FOR SUBMITTAL TO OWNER AND TO THE PI A CURRENT ICC REPORT, NAIL SAMPLE WITH NAIL DIMENSIONS, HEAD AND SHANK DIAMETER AND NAIL LENGTH, AND SPECIFICATIONS FOR THE NAILING DEVICE. NAILING DEVICE MUST BE ADJUSTABLE REGARDS THE DEPTH OF FOR EACH NORMAL FOR A HAND HAMMER, OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY. NAILS AND NAILING SHALL ALSO CONFORM TO 1 ABOVE.

- BOLTS:
 - ASTM A-307, STANDARD SEMI-FINISHED MACHINE BOLTS AS SHOWN, WITH MALLEABLE IRON WASHERS OR STEEL PLATE WASHERS UNLESS OTHERWISE SHOWN.
- FRAMING HARDWARE: FABRICATED SHEET METAL TIMBER FRAMING MANUFACTURED FROM HOT-DIPPED GALVANIZED STEEL BY "SIMPSON COMPANY", SAN LEANDRO, CALIFORNIA (SIMPSON CO. PER CATALOGUE NO. C2015 ARE IDENTIFIED ON THE DRAWINGS). CONNECTORS SHALL BE AT LEAST 16 GAUGE MATERIAL. NAILS AND NAILING SHALL CONFORM TO THE MANUFACTURER'S INSTRUCTIONS WITH A NAIL PROVIDED FOR EACH PUNCHED HOLE. ALL HEAVY HARDWARE TO BE FABRICATED FROM A-36 STEEL PER DIVISION 5.

- ALL FASTENERS, NAILS AND BOLTS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED.

B. STRUCTURAL LUMBER AND PLYWOOD

- LUMBER AND PLYWOOD GRADED AND GRADE MARKED PER STANDARDS SPECIFIED.
- LUMBER:
 - SIZE PER INDUSTRY STANDARDS FOR NOMINAL SIZES SHOWN; S4S.
 - MOISTURE CONTENT OF FRAMING: MAXIMUM 19% WHEN INSTALLED AND MAXIMUM 12% AT TIME OF CLOSE-IN.
- STRUCTURAL FRAMING SHALL BE DOUGLAS FIR WITH GRADES AS NOTED BELOW UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS. ALL GRADES PER WCLB STD GRADING RULES #17.

- ALL PERMANENTLY EXPOSED FRAMING SHALL BE SELECT STRUCTURAL GRADE WITH NO BOX HEART.

- EXCEPT PER 1 ABOVE, MINIMUM GRADES ARE:
 - ROOF 2X JOIST AND 2X RAFTERS D.F. NO. 2;
 - 4X AND LARGER D.F. NO. 1. BLOCKING D.F. NO. 1;
- 6X POSTS, OF SELECT STRUCTURAL WITH NO BOX HEART.

- MISCELLANEOUS FRAMING - D.F. NO. 2

- APPLICABLE WCLB PARAGRAPHS FOR FRAMING:
 - 2 X 4 TO 4 X 4 PAR. 124
 - 2 X 6 TO 4 X 16, STRUCTURAL JOISTS AND PLANKS PAR. 123
 - BEAMS (6 X), BEAMS & STRINGERS PAR. 130
 - POSTS (6 X) PAR. 131

- SPLITS AND CHECKS ARE TO BE LIMITED TO 1X THE DEPTH OF THE MEMBER.

- WARPED/TWISTED AND EXCESSIVELY CHECKED MEMBERS SHALL NOT BE USED REGARDLESS OF GRADE MARKS.

- PLYWOOD
 - ALL STRUCTURAL PLYWOOD SHALL BE GRADE MARKED FOR CONFORMANCE WITH CBC AND DEP'T OF COMMERCE, "PRODUCT STANDARD PS-1-07", AND SHALL BE FABRICATED WITH EXTERIOR GLUE. GRADES SHALL BE AS PER THE DRAWINGS.

- BUILDING PAPER
 - WATERPROOF, NON-STAINING, LONG FIBERED KRAFT TYPE PAPER. F.S. UU-B-790, TYPE I OR II.

STRUCTURAL SPECIFICATIONS (CONTINUE)

ROUGH HARDWARE

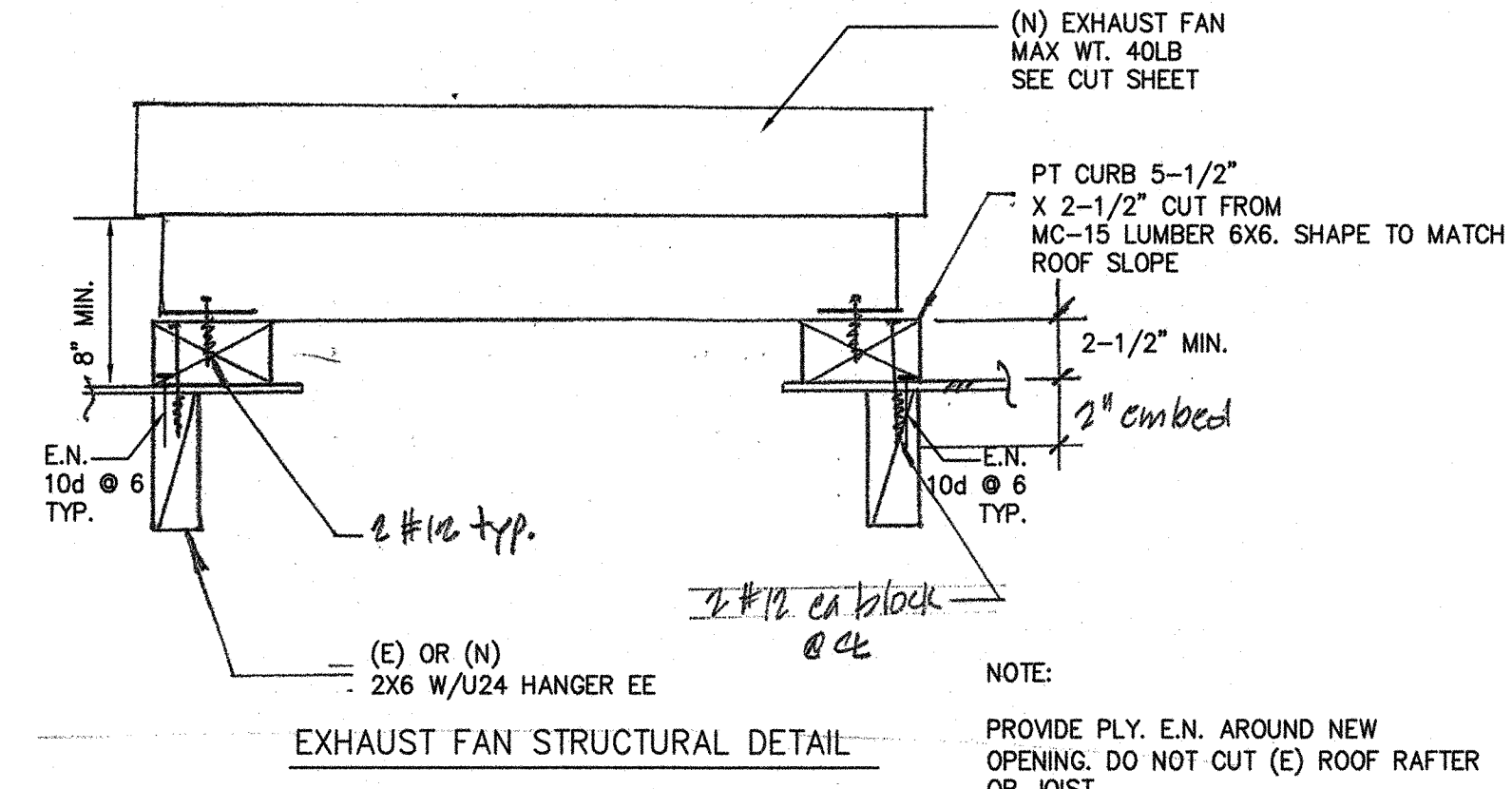
- GENERAL: NAILS, SPIKES, SCREWS, FABRICATED SHEET METAL ANCHORS, TIES, HANGERS AND ANY OTHER MATERIALS SHOWN OR REQUIRED FOR THE ATTACHMENT OF WOOD TO CONCRETE, WOOD TO STEEL, AND WOOD TO WOOD SHALL BE FURNISHED AND INSTALLED AS PART OF THIS WORK.
- FRAMING NAILING: ALL FRAMING NAILING SHALL CONFORM TO MINIMUM REQUIREMENTS OF THE CBC, AND WITH DETAILS SHOWN ON THE DRAWINGS.
- BOLTS, LAG SCREWS AND WASHERS
 - BOLTS IN WOOD SHALL BE MACHINE BOLTS CONFORMING TO ASTM A-307, UNLESS OTHERWISE NOTED, AND SHALL BE OF SUCH LENGTH THAT NOT MORE THAN 1/2" OF THREAD WILL BEAR AGAINST WOOD. BOLT HOLES IN WOOD SHALL BE 1/32" OVERSIZED. BOLT HOLES FOR SILL PLATE MAY BE 1/16" MAXIMUM OVERSIZE. HOLES IN STEEL SHALL BE 1/16" OVERSIZE.
 - PROVIDE SQUARE PLATE OR MALLEABLE IRON WASHER AND NUT AT HEAD WHERE BEARING IS AGAINST WOOD; CUT WASHER UNDER NUT WHERE IT IS AGAINST STEEL. WASHER WILL NOT BE REQUIRED UNDER HEAD OF CARRIAGE BOLTS. PROVIDE MALLEABLE IRON WASHERS WHERE EXPOSED OR NOTED.
 - ALL NUTS SHALL BE TIGHTENED WHEN PLACED AND RETIGHTENED AT COMPLETION OF THE JOB OR IMMEDIATELY BEFORE CLOSING.
 - LAG SCREWS SHALL BE SCREWED, NOT DRIVEN, INTO PLACE. DRILL HOLES SAME DIAMETER AND DEPTH AS SHANK, THEN DRILL HOLES SAME DIAMETER AS AT BASE OF THREAD (60% TO 75% SHANK DIAMETER) FOR THE THREADED PORTION.

- ANCHOR AND TIES
 - PROVIDE AND INSTALL ALL ANCHORS, BOLTS, TIES, ETC.. REQUIRED FOR THE TEMPORARY OR PERMANENT CARPENTRY WORK ANCHORS AND BOLTS SHALL BE ACCURATELY LOCATED WHERE EMBEDDED IN CONCRETE AND SHALL BE SECURED IN POSITION BEFORE PLACING CONCRETE.

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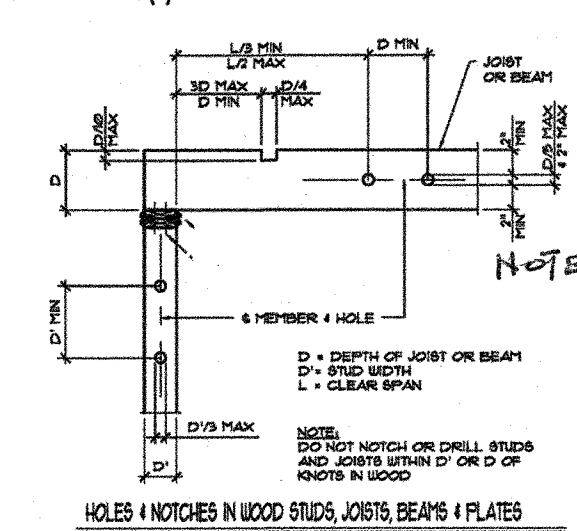


EXPANSION ANCHORAGE IN CONCRETE

A. WEDGE ANCHORS- KWIKBOLT KB-TZ STEEL (No: ER 1917) $f_c = 3000$ psi CRACKED			
BOLT SIZE	MINIMUM EMBEDMENT	TORQUE (FT-LBS) TEST	
1/2" φ	3 1/2"	40	
3/8" φ	3"	30	
5/8" φ	4"	60	
3/4" φ	4"	110	

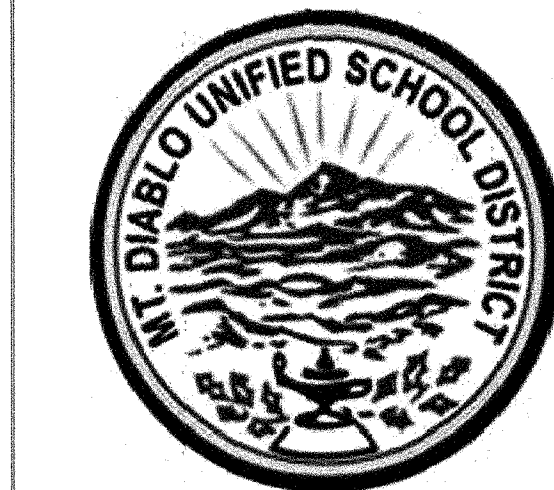
EXPANSION ANCHORAGE NOTES:

- INSTALL DRILLED EXPANSION ANCHORS PER MANUFACTURER'S INSTRUCTIONS.
 - WHEN INSTALLING DRILLED-IN ANCHORS IN EXISTING REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR.
 - ALL TEST SHALL BE DONE IN THE PRESENCE OF THE IOR
- TESTING NOTES:**
- APPLY PROOF TEST LOADS TO WEDGE & SLEEVE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT & INSTALL A THREADED COUPLER TO THE SAME THICKNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH & APPLY LOAD.
 - FOR SLEEVE INTERNALLY THREADED CATEGORIES, VERIFY THAT THE ANCHOR IS NOT PREVENTED FROM WITHDRAWING BY A BASEPLATE OR OTHER FIXTURES. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE FIXTURE(S) PRIOR TO TESTING.



TESTING NOTES CONTINUE

- TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
- THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS: HYDRAULIC RAM METHOD: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. FOR WEDGE AND SLEEVE TYPE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES BE REACHED WITHIN THE FOLLOWING LIMITS: WEDGE OR SLEEVE TYPE: ONE-HALF (1/2) TURN OF THE NUT. ONE-QUARTER (1/4) TURN OF THE NUT FOR THE 3/8 IN. SLEEVE ANCHOR ONLY.
- TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.
- TEST ALL ANCHORS
- REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING THE FIXTURE(S).



1936 Carlotta Dr.,
Concord, CA 94519



3211 Romino Way
Lafayette, California 94549
925.949.8333 tel.

STRUCTURAL ENGINEER
TSA STRUCTURAL ENGINEERS
433 AIRPORT BLVD., #106E
BURLINGAME, CA 94010
TEL. (650) 620-9555

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE # 7-29
01-11792
AC ___ FLS ___ SS ___
DATE MAR 9 4 2018

PROJECT TITLE:
VOLUNTARY ACCESSIBLE
UPGRADE TO STUDENTS'
RESTROOMS

KEY PLANS:

REVISIONS:

date	description	symbol
1/16/2018	DSA PROJECT SUBMITTAL	
3/14/2018	DSA BACKCHECK	
3/16/2018	FINAL BID SET	

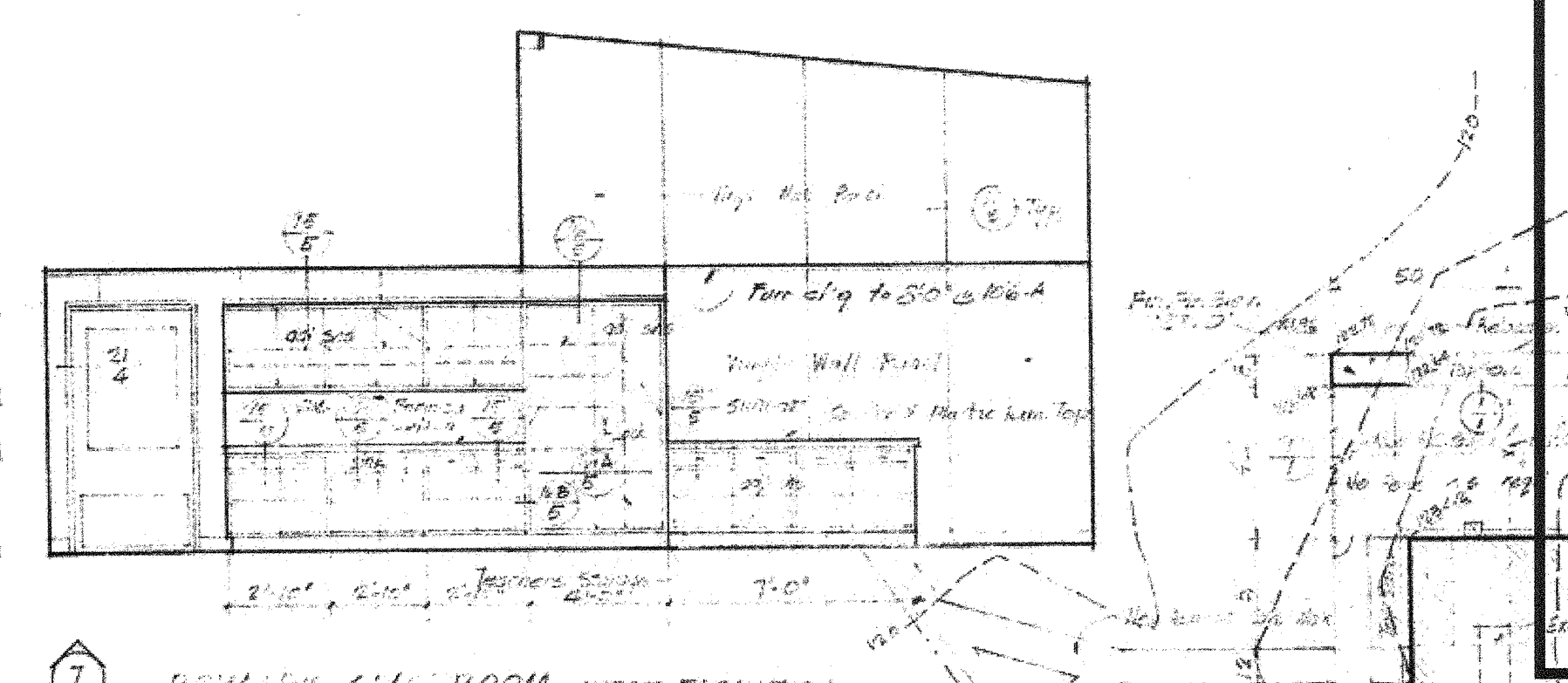
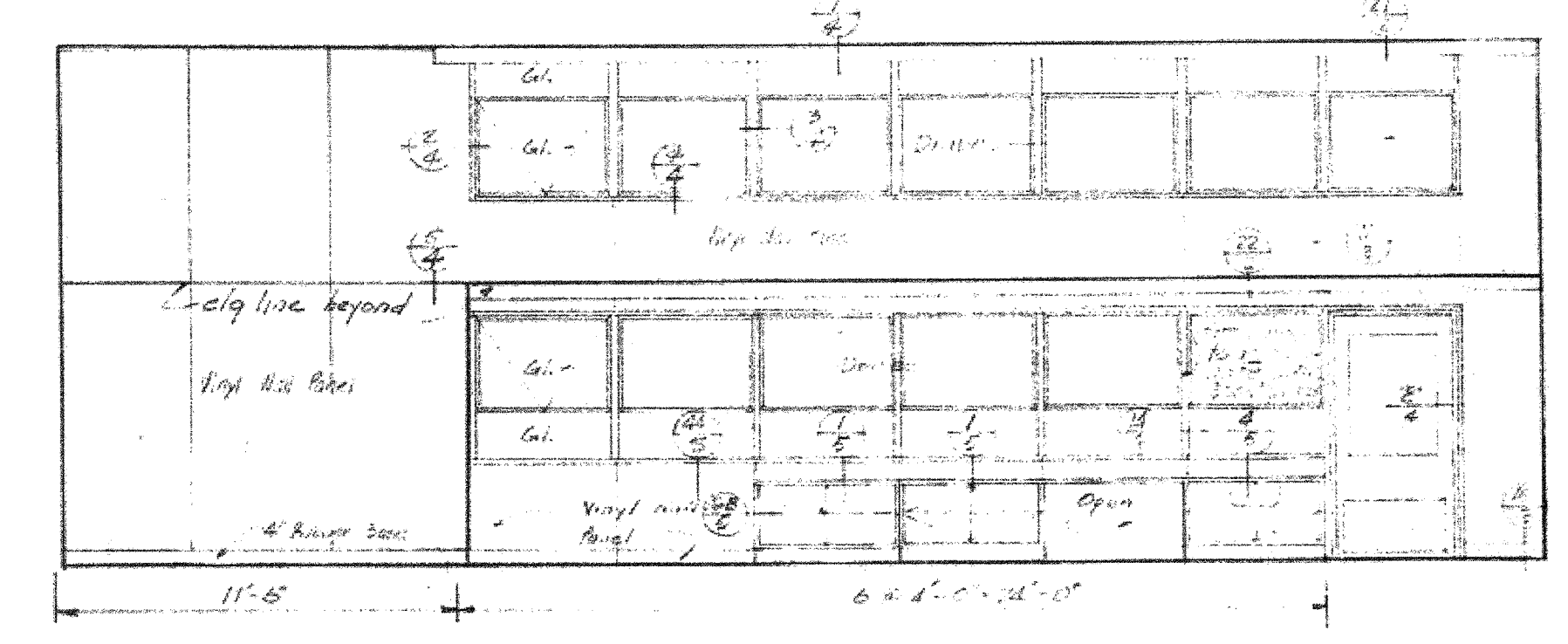
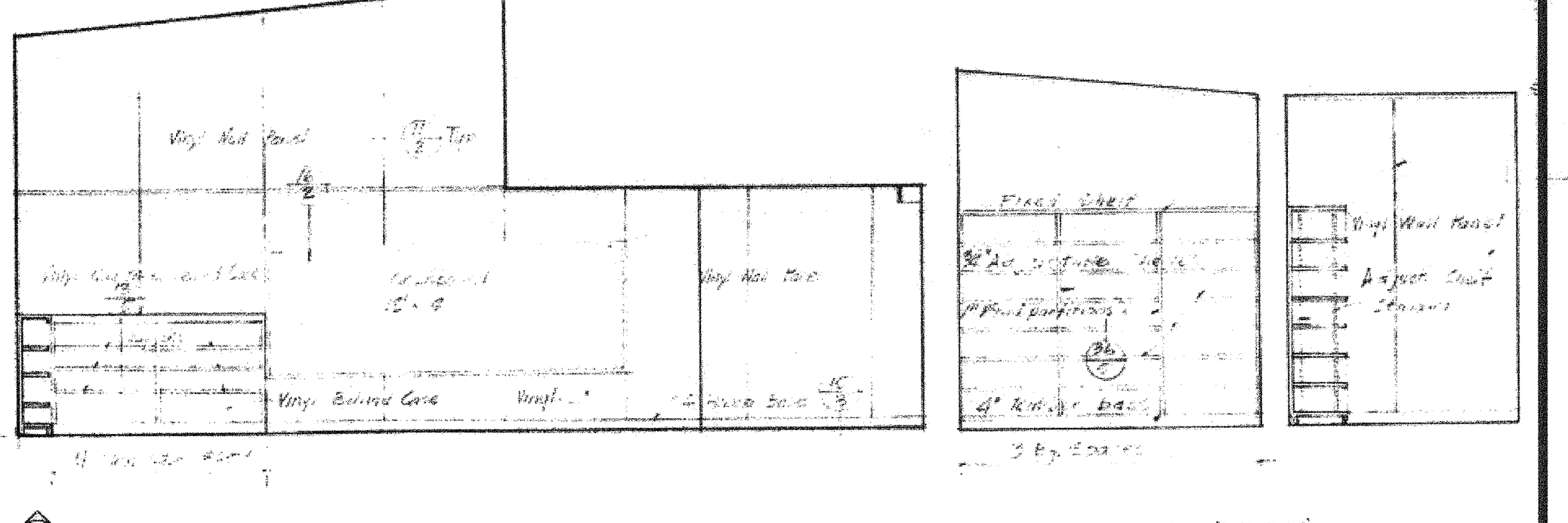
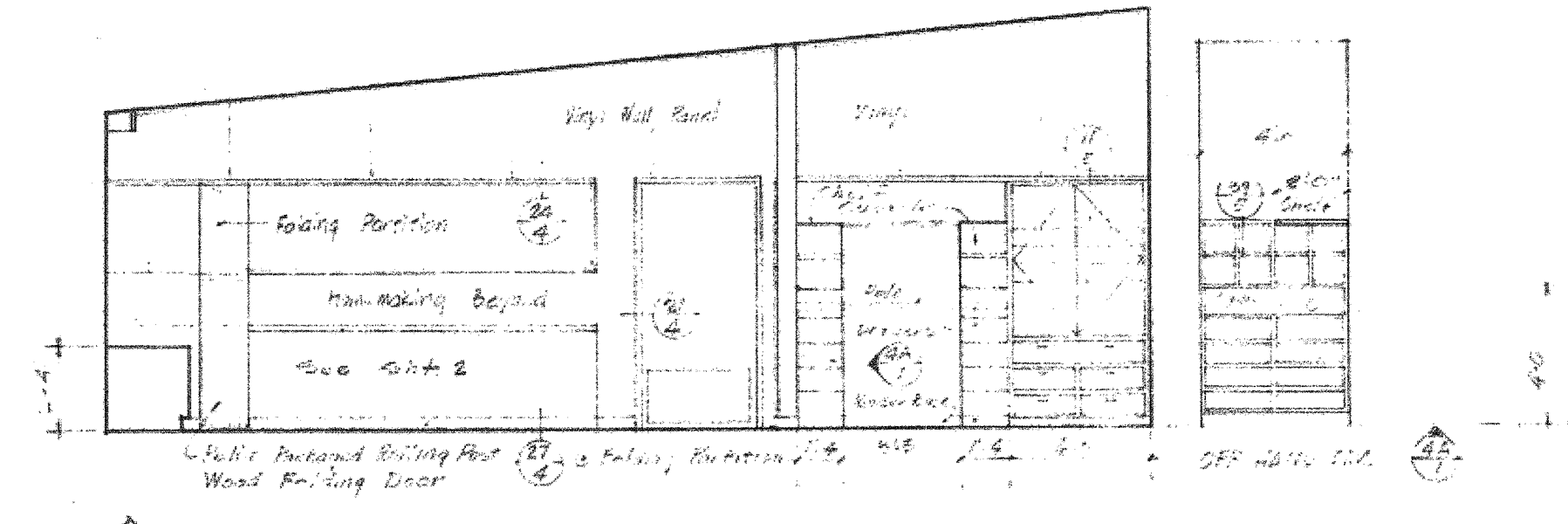
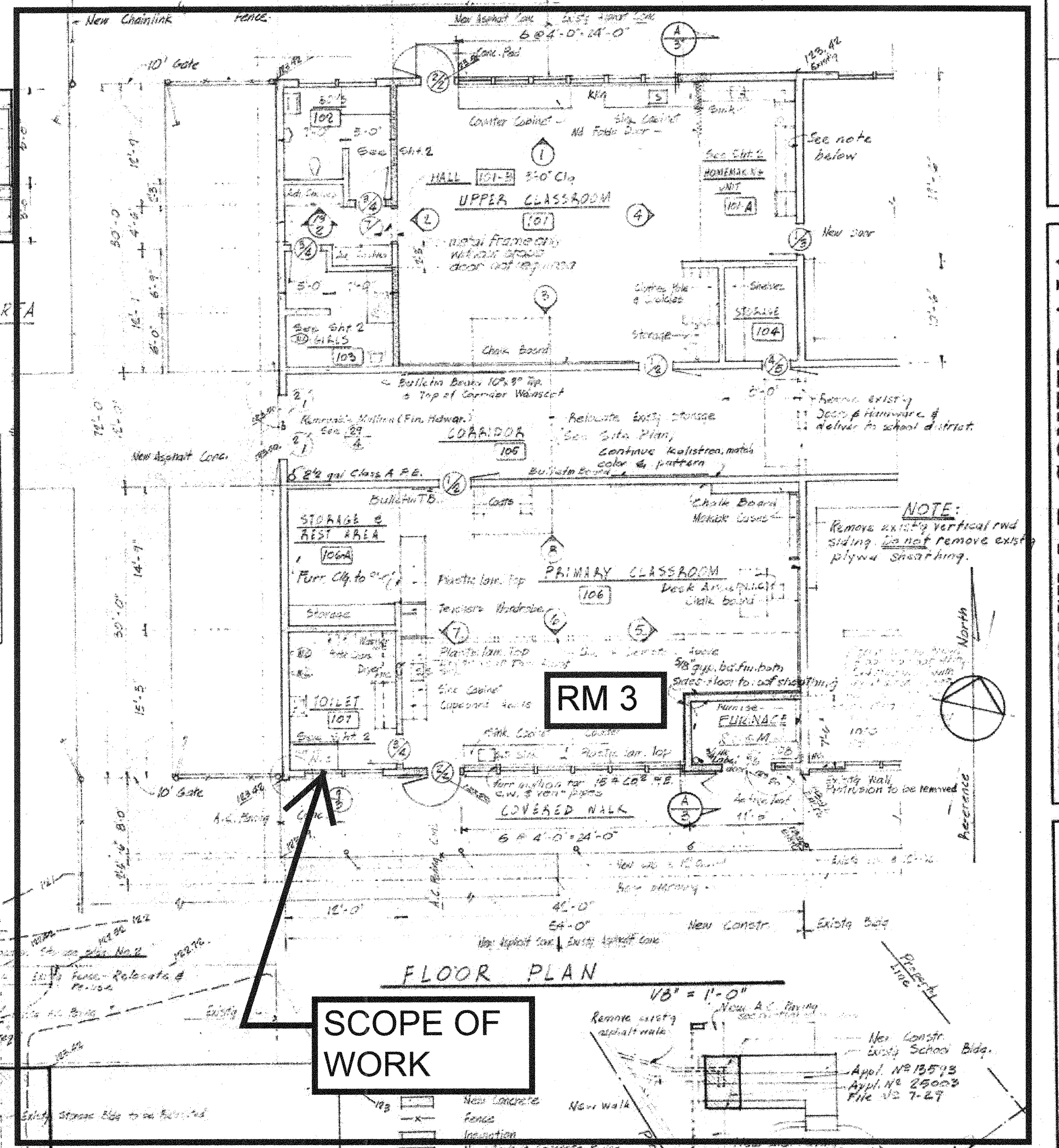
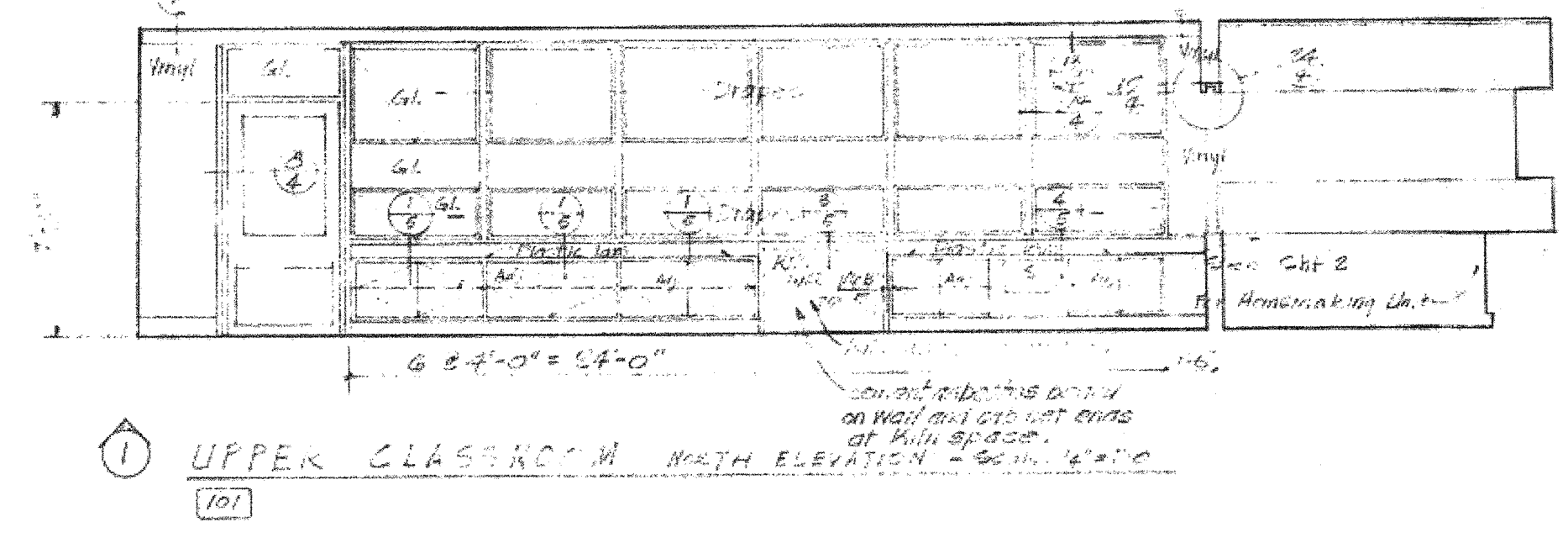
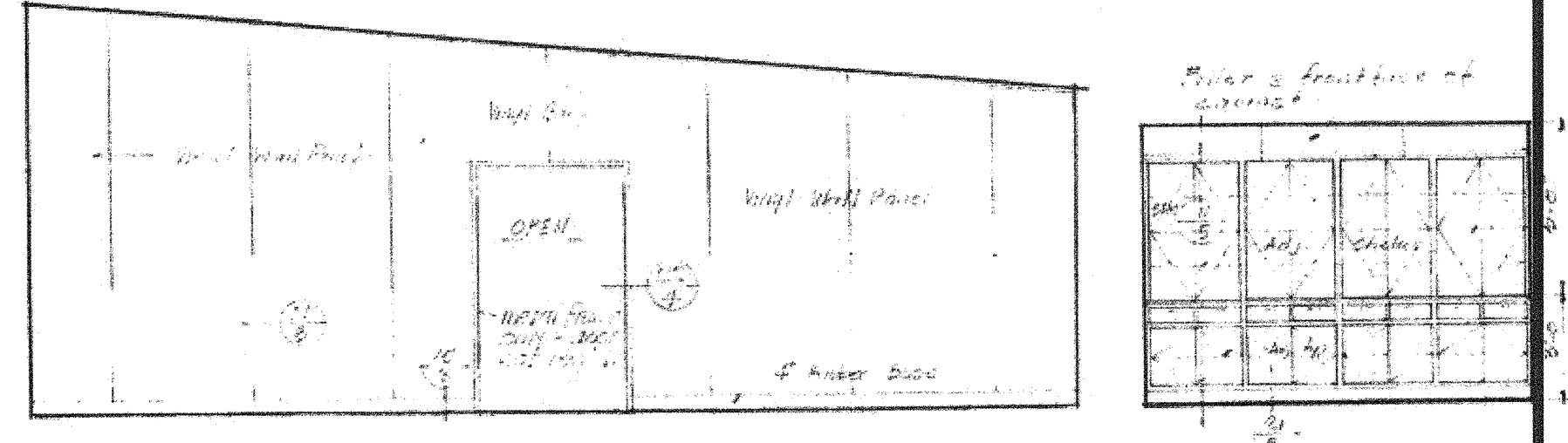
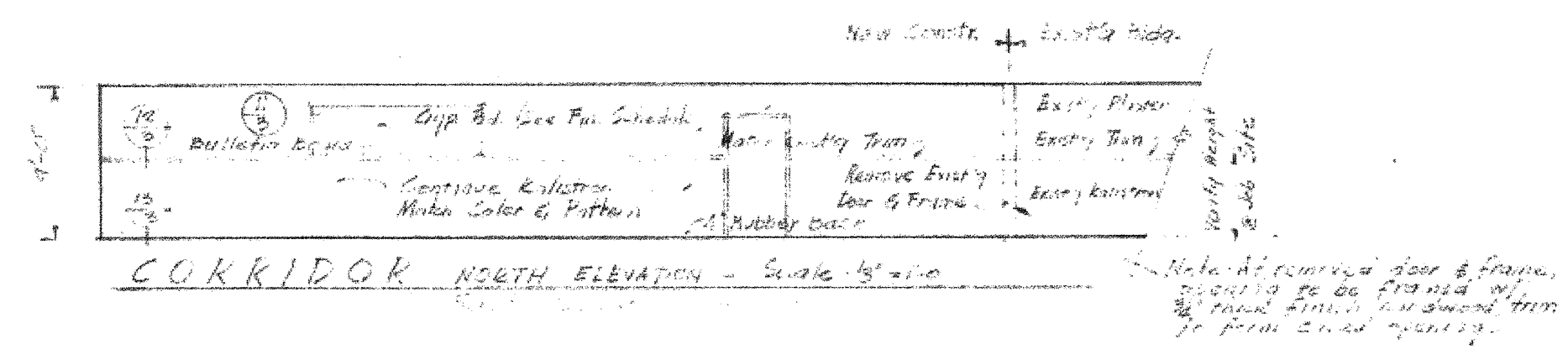
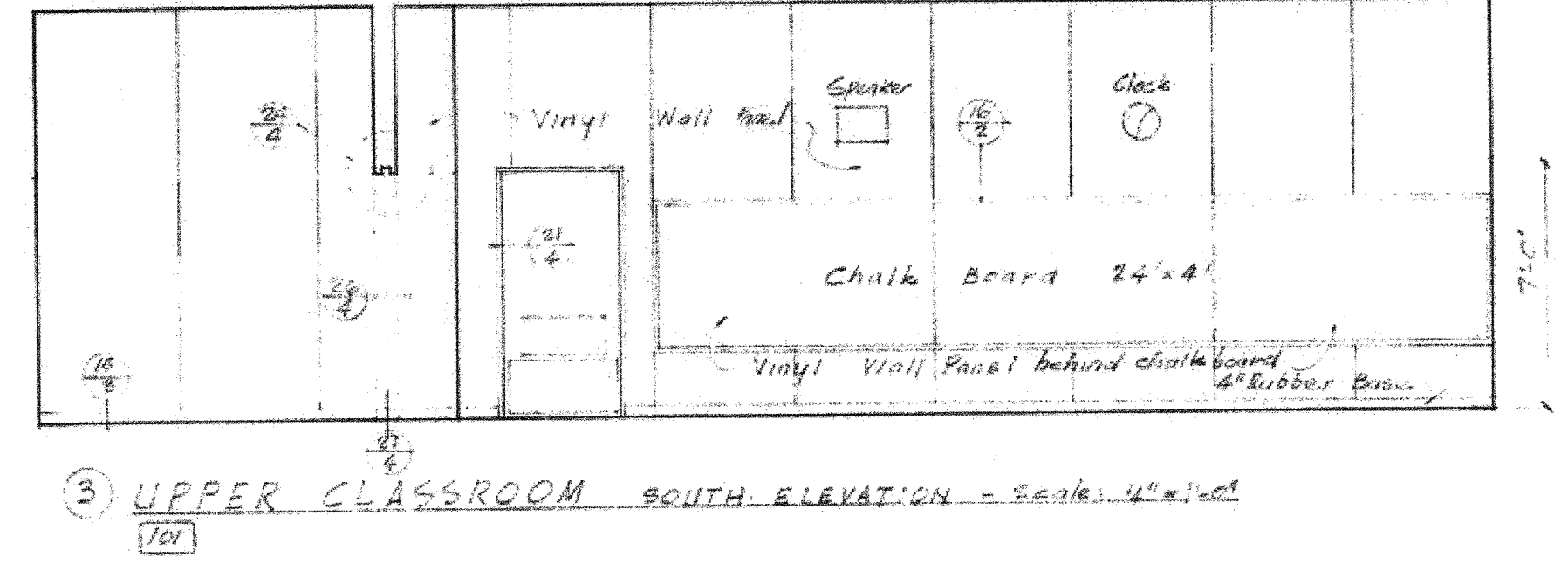
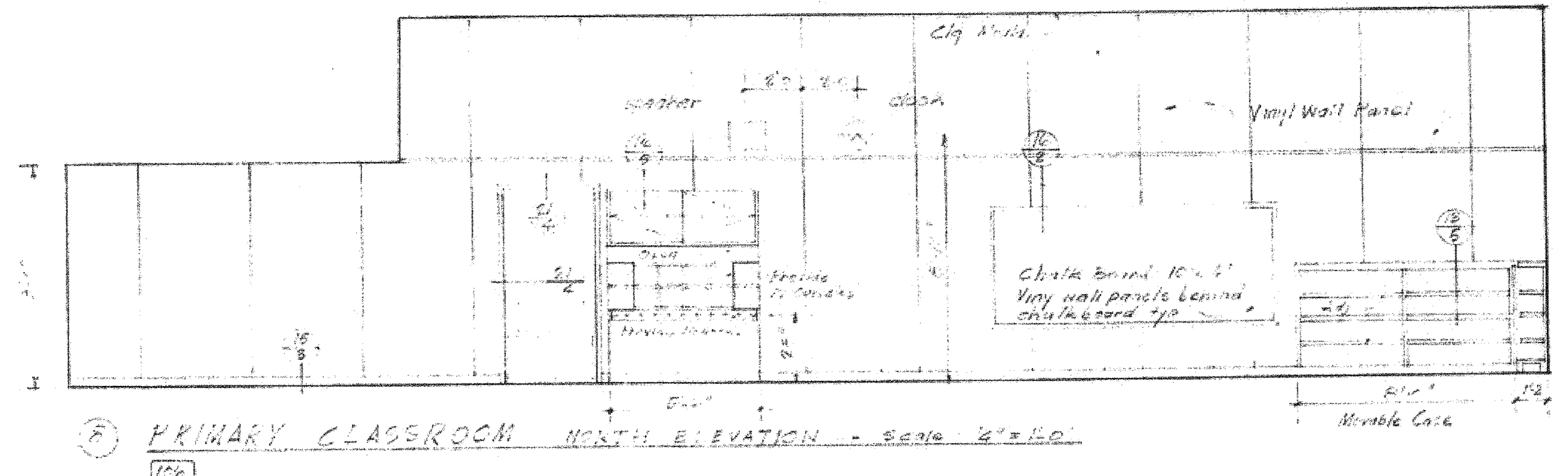
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17-215

SCALE:
AS NOTED

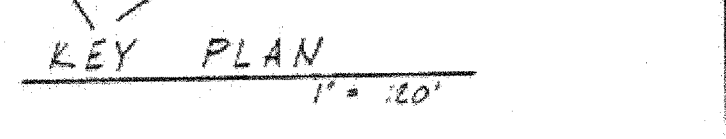
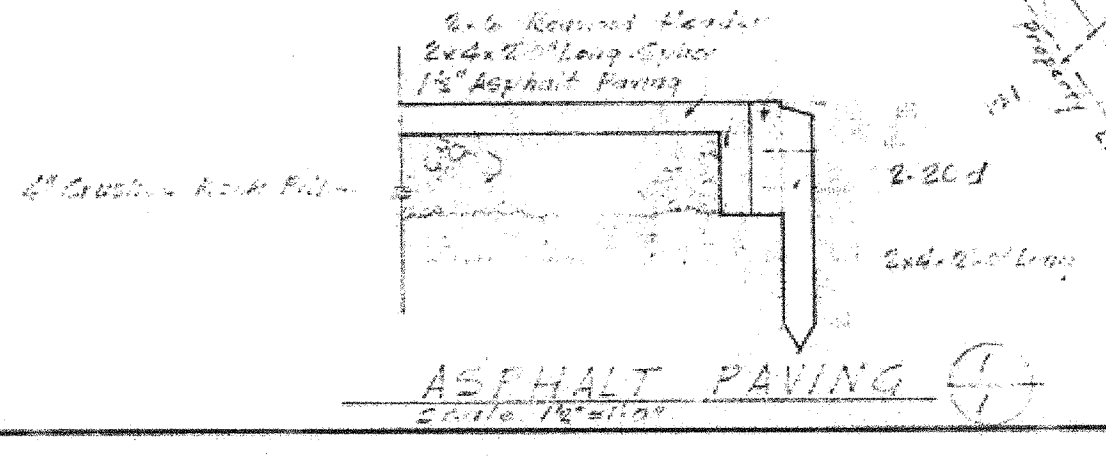
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SHEET NAME & NUMBER:
STRUCTURAL
SPECIFICATIONS
SSP

Sheet No.	Title of Drawings
A-1	PLAN, SITE PLAN, INTERIOR ELEVATIONS
A-2	SCHEDULES, INTERIOR PLANS, DETAILS
A-3	EXTERIOR ELEVATIONS, SECTIONS
A-4	ROOF PLAN, DOOR & WINDOW DETAILS
A-5	CABINET SECTIONS & DETAILS
S-1	FOUNDATION & FINISHING PLAN
S-2	FOUNDATION DETAILS
S-3	FOUNDATION DETAILS
S-4	WIND BRACING DETAILS
R-1	PLUMBING - FLOOR PLAN - SCHEDULES
H-1	HEATING - FLOOR PLAN - SCHEDULES
E-1	ELECTRICAL - FLOOR PLAN - SCHEDULES



SCOPE OF WORK



OWNER: SHADELANDS SCHOOL

ARCHITECT: FREDERICK I. B. CONFER, AIA ARCHITECTS ASSOCIATES

DATE: AUG 28, 1964

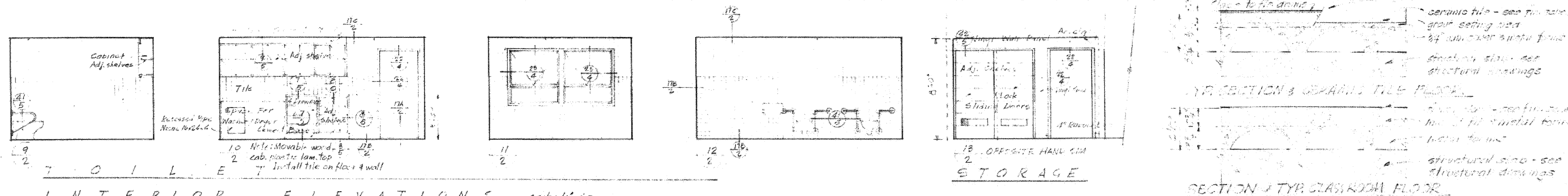
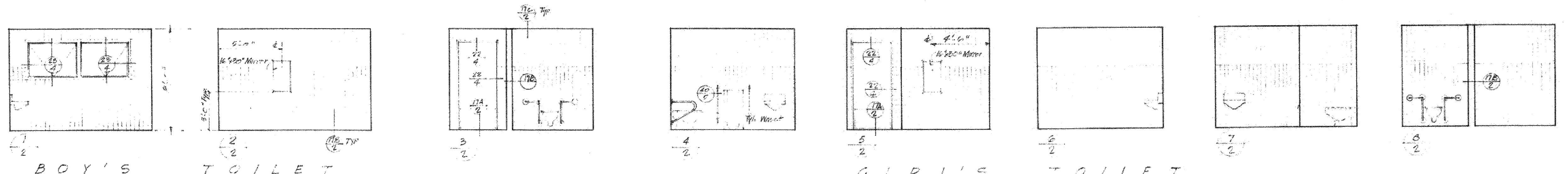
PROJECT: SHADELANDS SCHOOL

ADDRESS: 1500 CENTER COSTA BLVD. CONCORD, CALIFORNIA

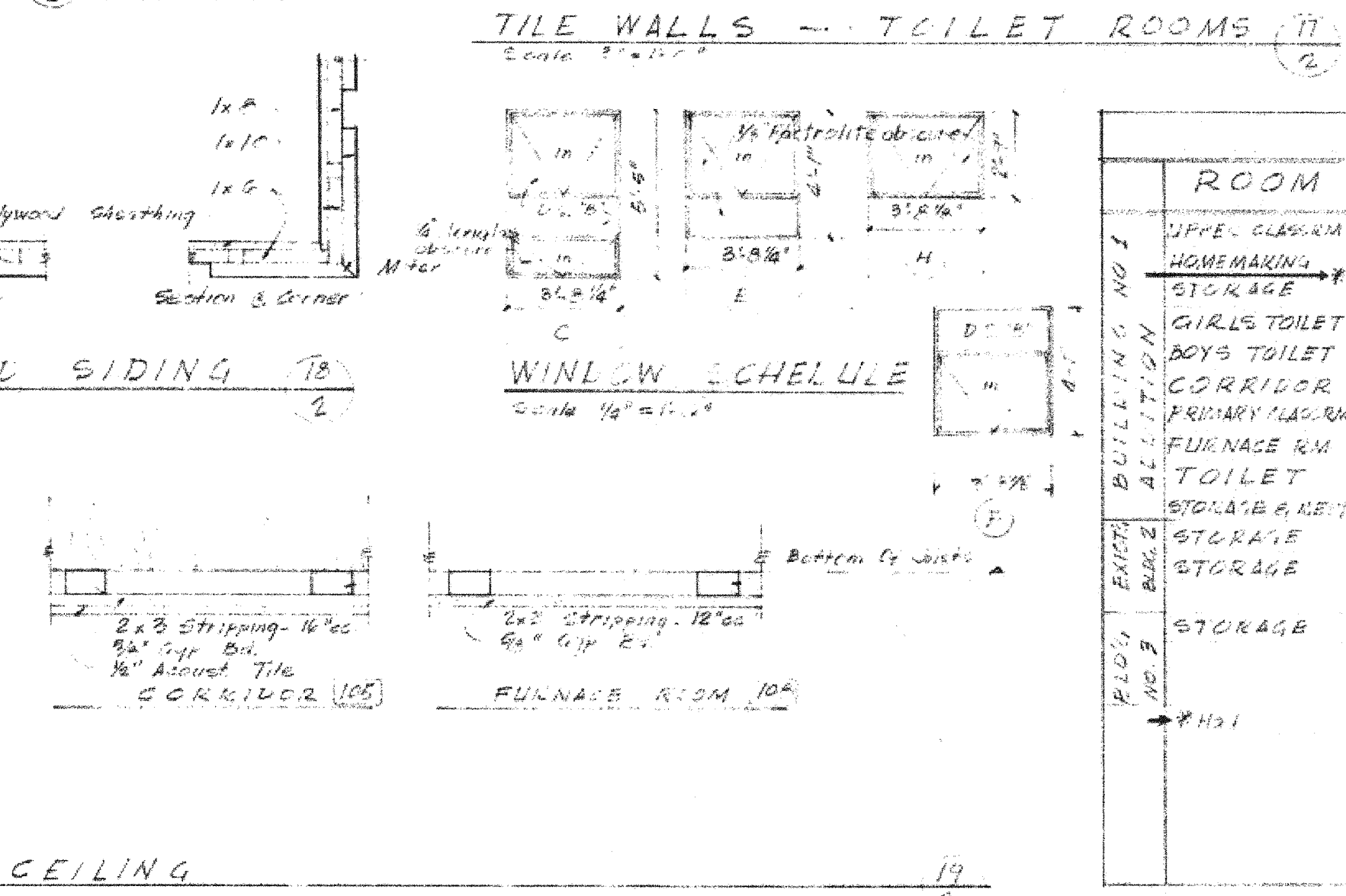
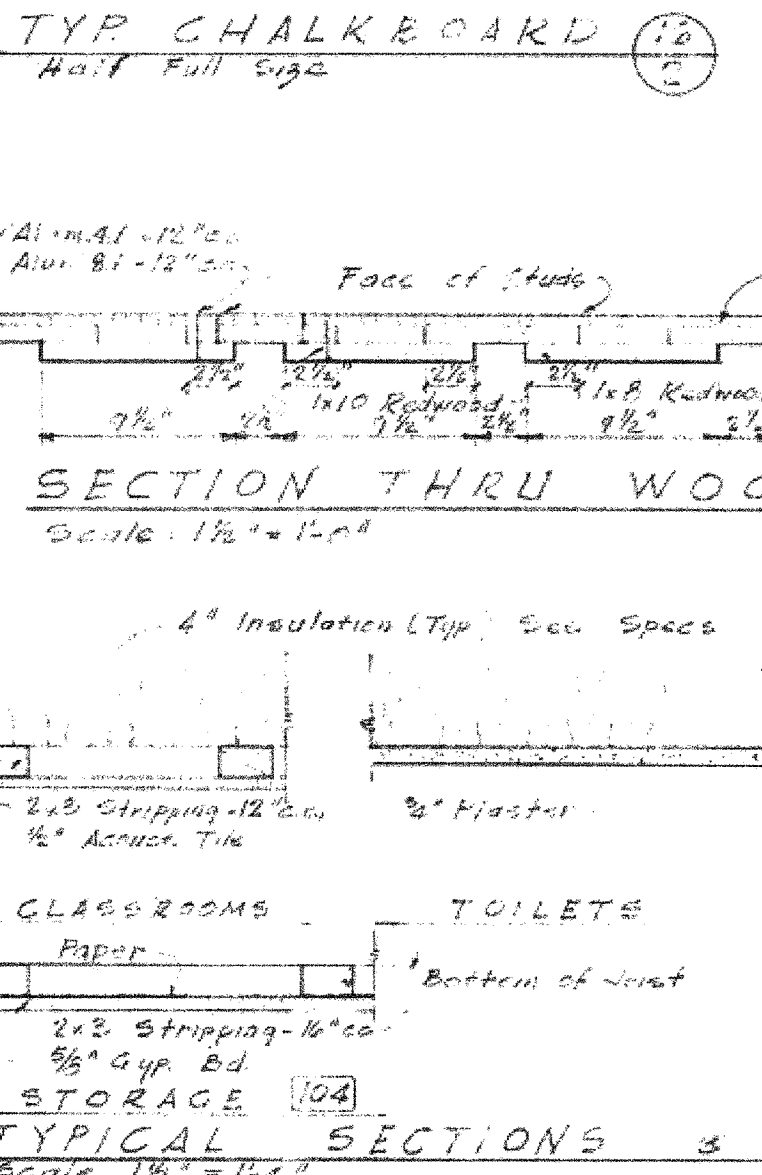
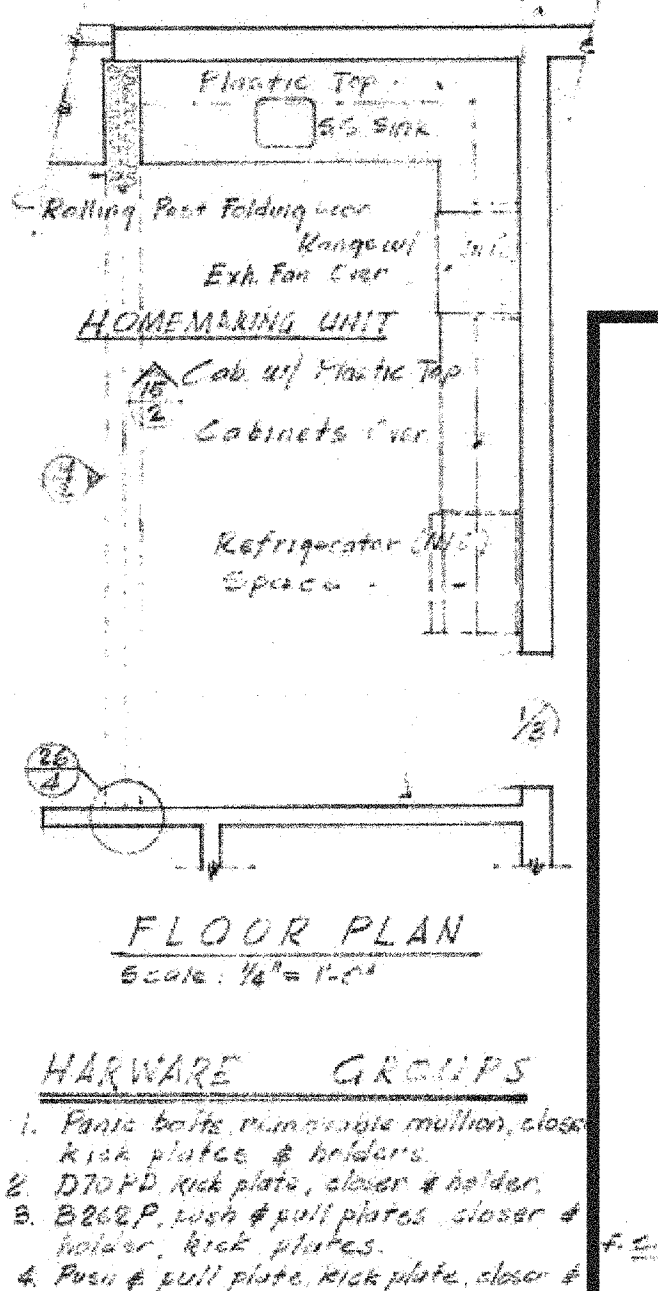
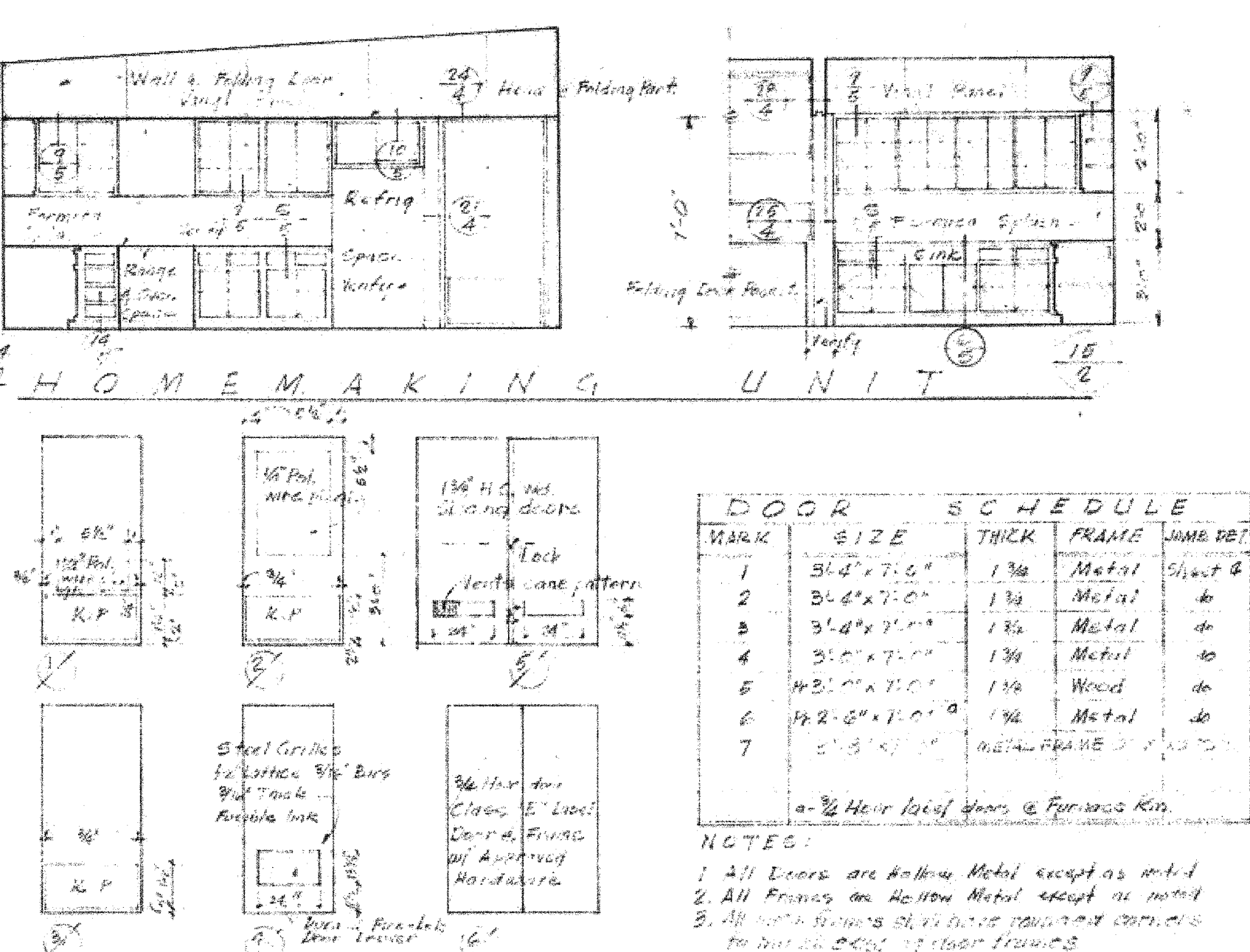
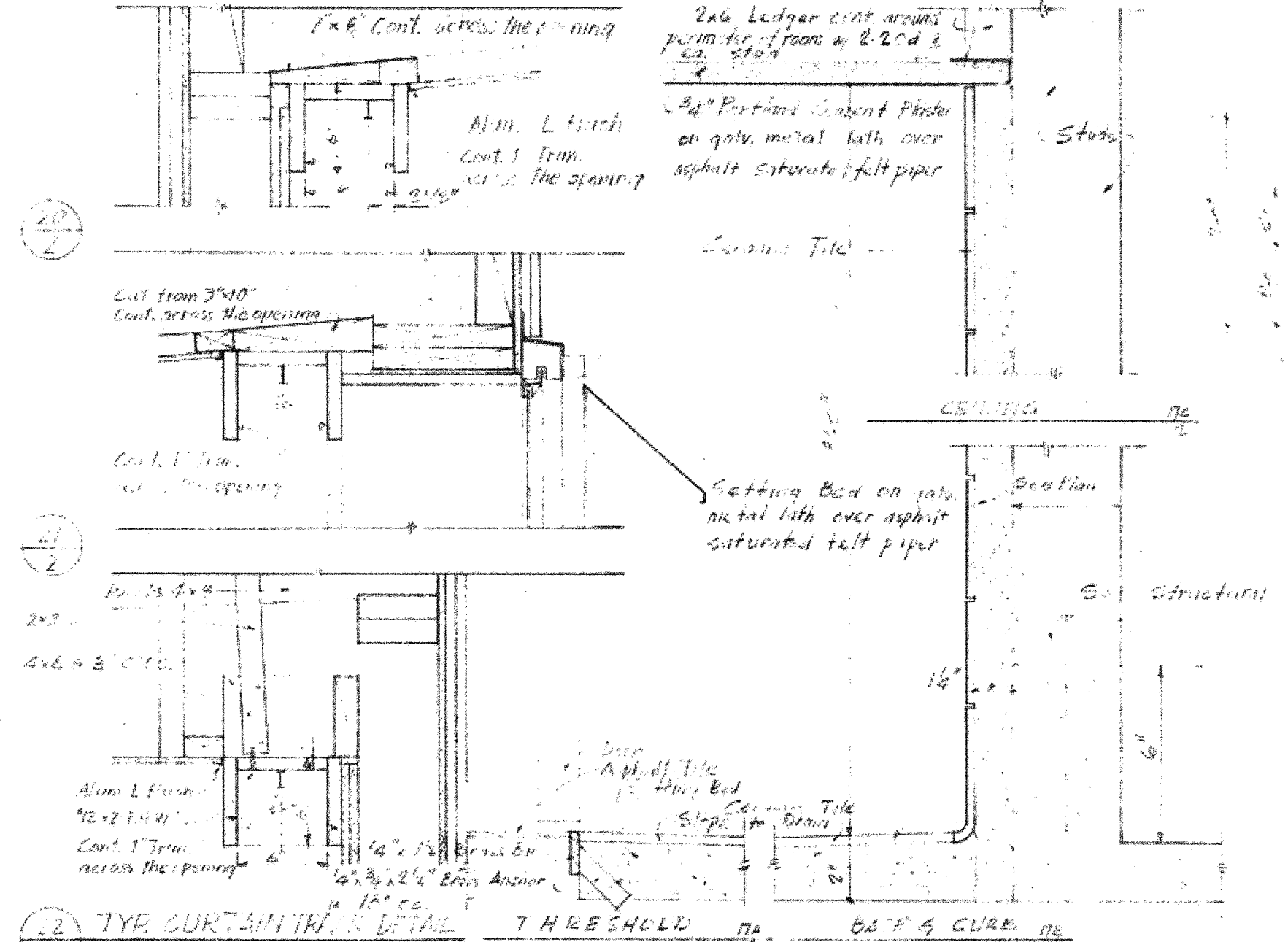
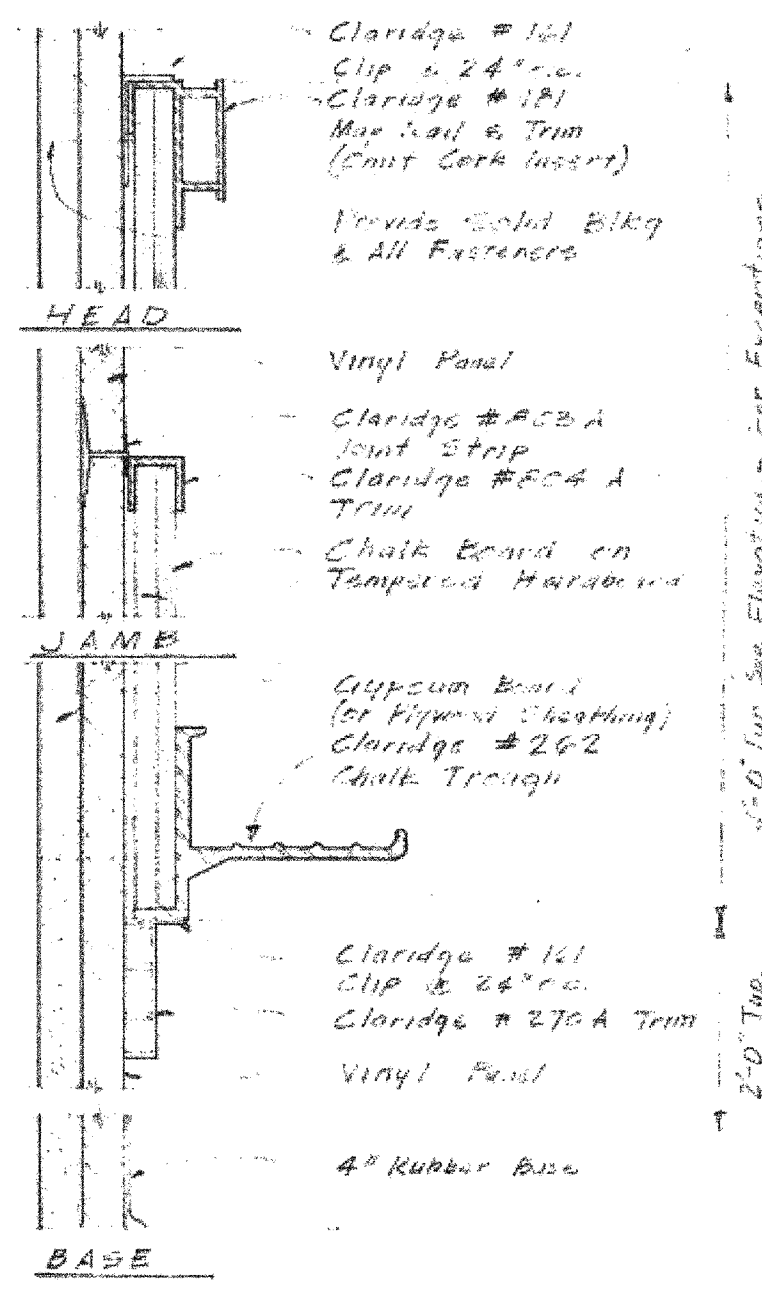
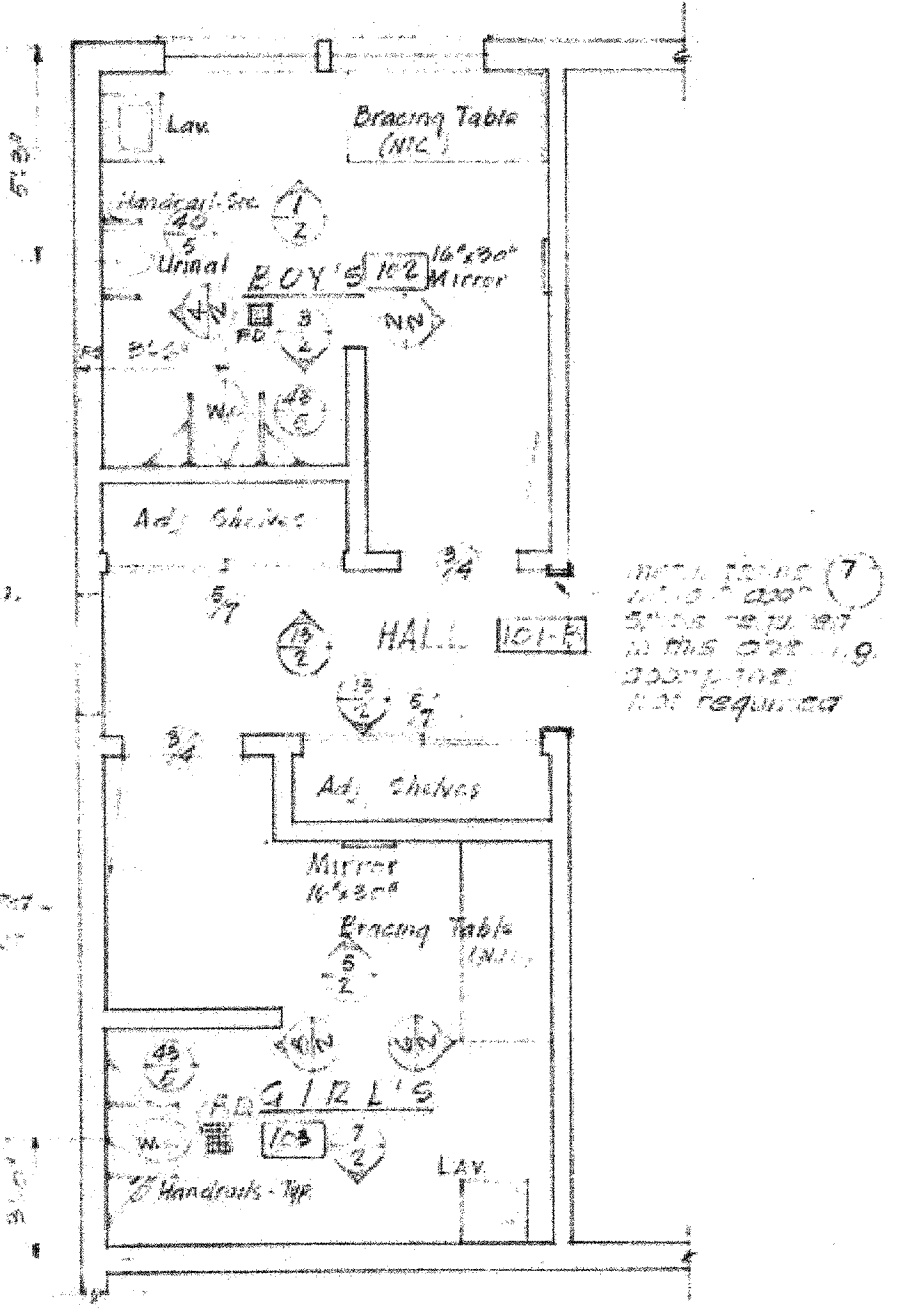
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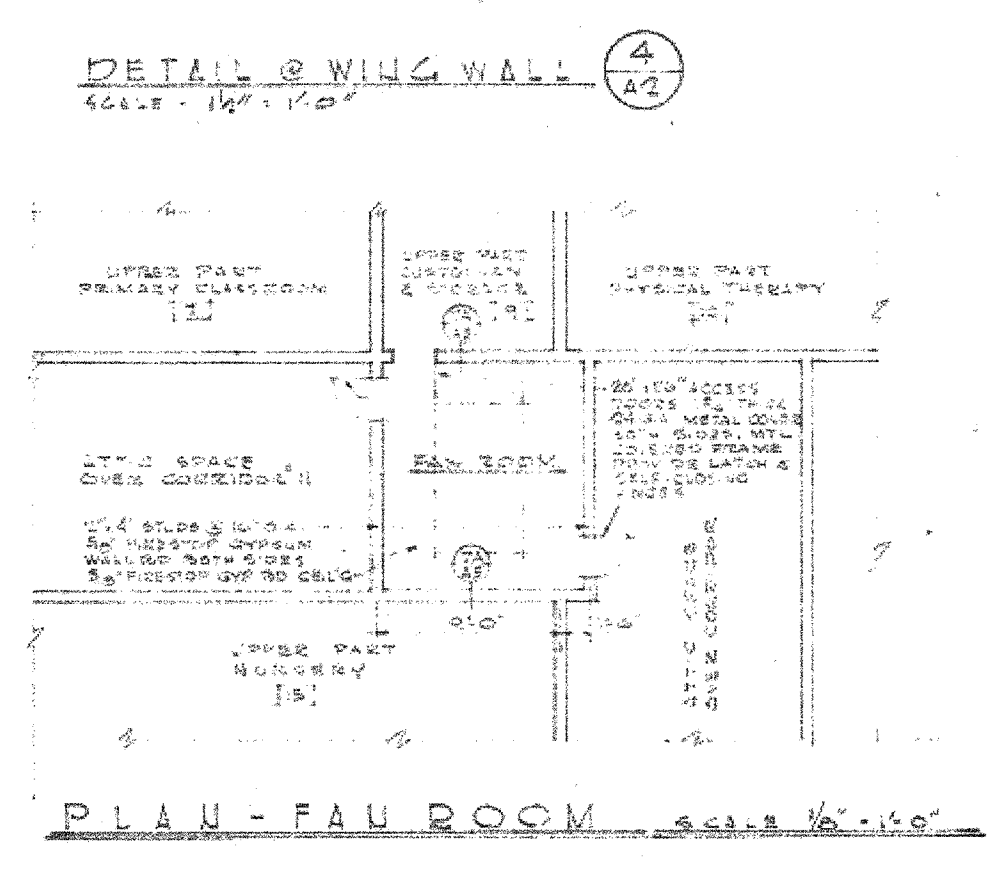
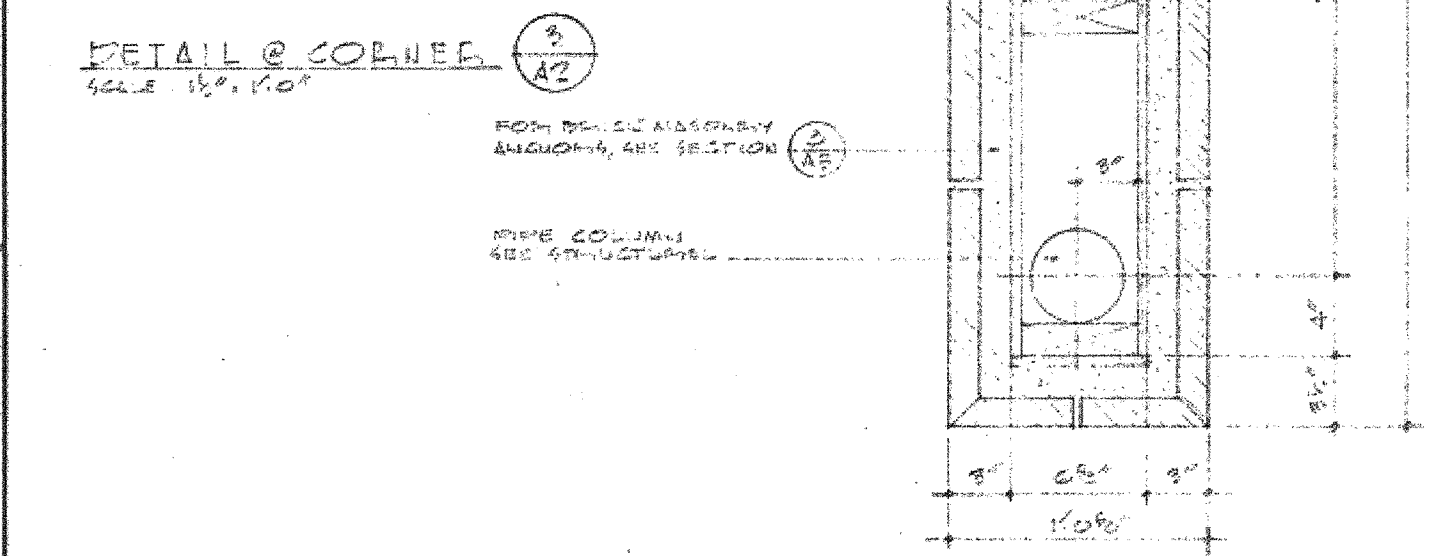
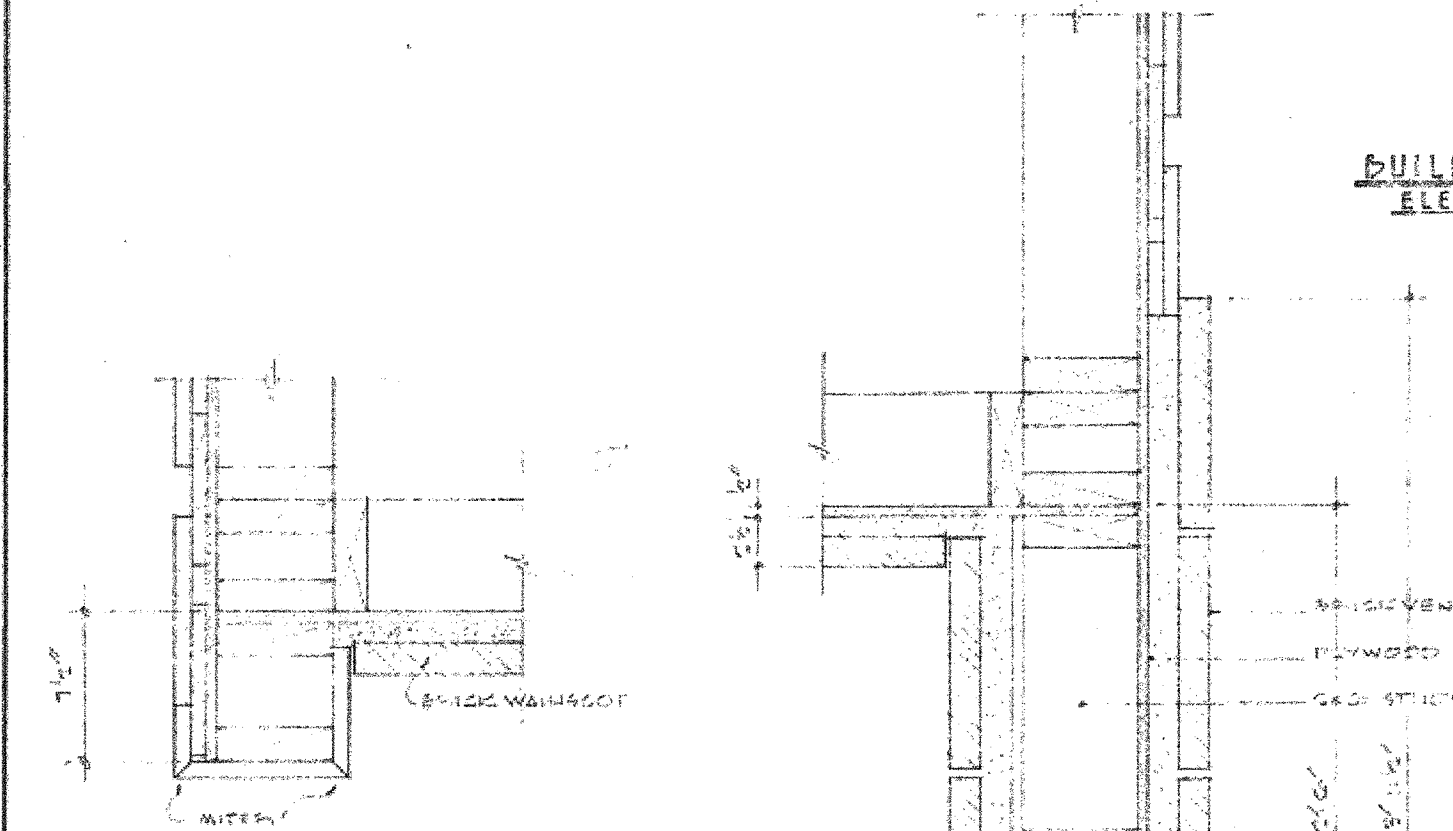
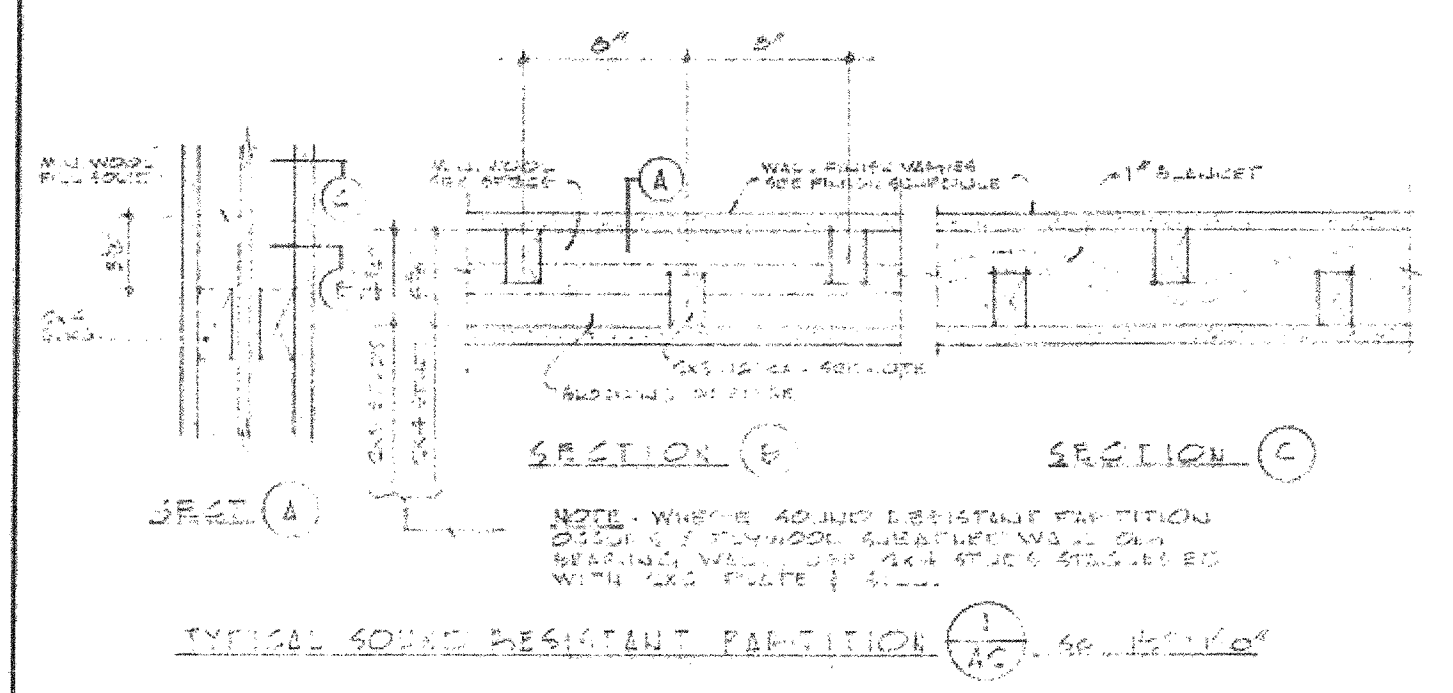
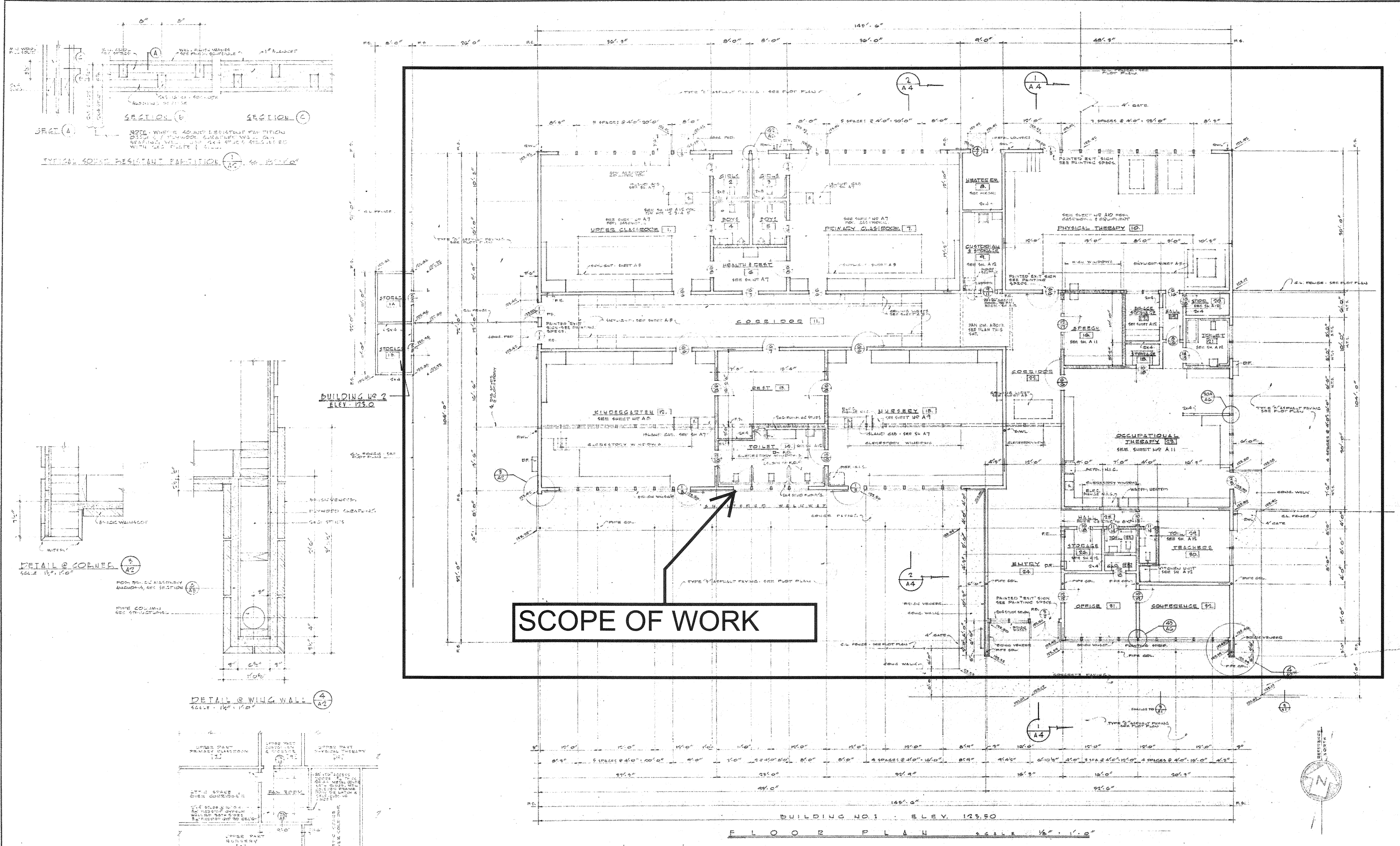
SHEET: OF FIVE



INTERIOR ELEVATIONS Code 4-110



ROOM	NO.	FLOOR	ROOM FINISH SCHEDULE				INTERIOR PAINTING SCHEDULE				REMARKS			
			BASE	WAINSCOT	WALLS	CEILING	BASE	WAINSCOT	WALL	CEILING				
TYPE CLASSROOM	101		Asphalt Tile	4" Rubber	Very Wood Panel	Very Wood Panel	Acoust. Tile	Wood Mould & Ceiling						
HOMEMAKING	101-A		Asphalt Tile	4" Rubber	Y.W.P.	Y.W.P.	Ac. Tile	Formica Top & Splash						
STORAGE	104		Asphalt Tile	4" Rubber		1/2" Gyp. Bd.	9" Gyp. Bd.							
GIRLS TOILET	105		Ceramic Tile	Ceramic Tile		Ceramic Tile	Perf. Convrt.	Furred Ceiling to 8'0"						
BOYS TOILET	106		Ceramic Tile	Ceramic Tile		Ceramic Tile	Perf. Convrt.	Furred Ceiling to 8'0"						
CORRIDOR	106-A		Asphalt Tile	4" Rubber	K.W.P.	9" Gyp. Bd.	Ac. Tile	Wood Mould & Ceiling						
PRIMARY CLASSRM	106-B		Asphalt Tile	4" Rubber	Y.W.P.	Y.W.P.	Ac. Tile	Wood Mould & Ceiling						
FURNACE RM	106-C		Cement Fin.	Wood Base		2 1/2" Gyp. Bd.	9" Gyp. Bd.							
TOILET	107		Ceramic Tile	4" Rubber	Ceramic Tile		Perf. Convrt.	Furred Ceiling to 8'0"						
STORAGE & NET	106-A		Asphalt Tile	4" Rubber	Y.W.P.	Y.W.P.	Ac. Tile	Furred Ceiling to 8'0"						
STORAGE	2A		Cement Fin.	4" Cement Cab.		Y.W.P.	Ac. Tile							
STORAGE	2B		Cement Fin.	4" Cement Cab.		Y.W.P.	Ac. Tile							
STORAGE	3C		Cement Fin.	4" Cement Cab.		Y.W.P.	Ac. Tile							
STORAGE	101-B		Asphalt Tile	4" Rubber		1/2" Gyp. Bd.	9" Gyp. Bd.							



SCOPE OF WORK

NOTES:
 1. ALL STUDS ARE CAS EXCEPT WHERE NOTED OTHERWISE.
 2. SEE FINISH SCHEDULE FOR WEIGHTS OF ALL FINISHED SURFACES.

BOARD OF TRUSTEES

SUPERINTENDENT OF SCHOOLS

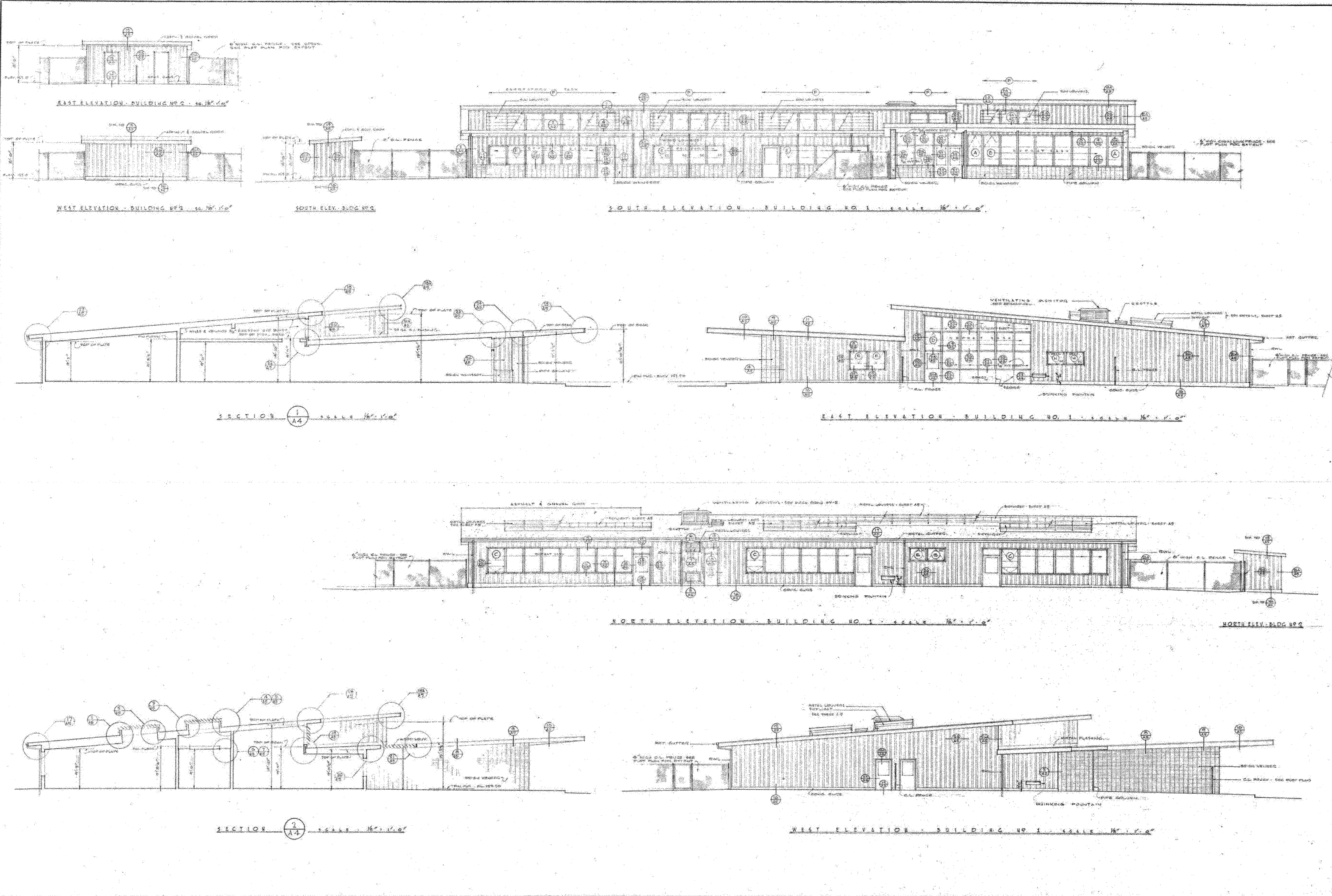
ASSOCIATED ARCHITECTS
 ANDERSON & SIMMONS
 ANDERSON & WILLIS
 REYNOLDS & CHAMBERLAIN
 JOHN LYON REID
 2800 PARK BOULEVARD, OAKLAND 10, CALIF.

FLOOR PLAN

SHADELANDS SCHOOL
 MT. DIABLO UNIFIED SCHOOL DISTRICT
 CONTRA COSTA COUNTY, CALIFORNIA

FILE 94-101N
 DATE AUG. 1, 1955

SHEET 2
A2
 OF 27 SHEETS



BOARD OF TRUSTEES

SUPERINTENDENT OF SCHOOLS

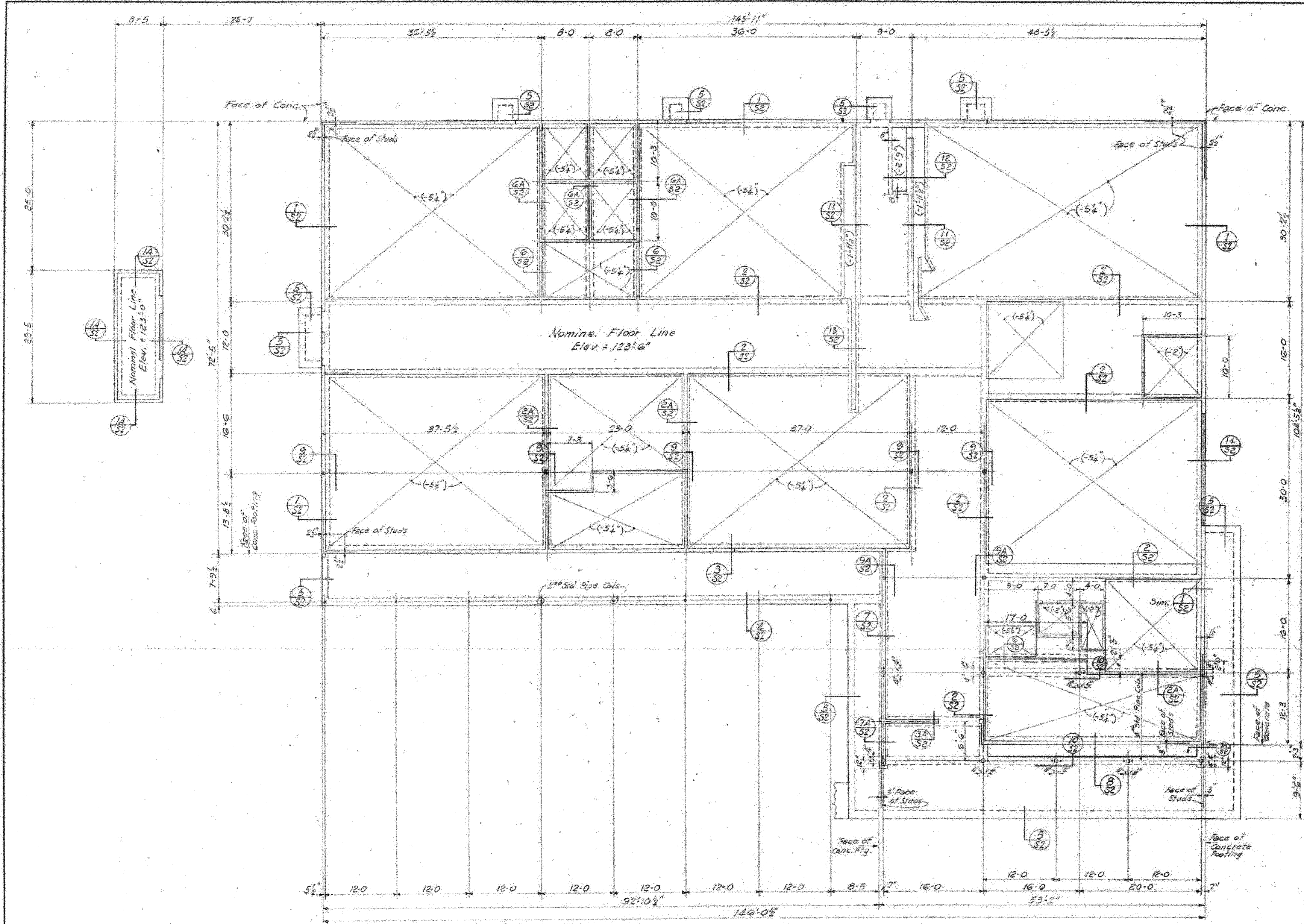
ASSOCIATED ARCHITECTS
 ANDERSON & SIMMONS
 CONFER & WILLIS
 REYNOLDS & CHAMBERLAIN
 JOHN LYON REID
 8800 PARK BOULEVARD, OAKLAND 10, CALIF.
 ARCHITECT

SHADELANDS SCHOOL
 MT. DIABLO UNIFIED SCHOOL DISTRICT
 CONTRA COSTA COUNTY, CALIFORNIA

FILE 54-1011
 DATE AUG. 11, 1955

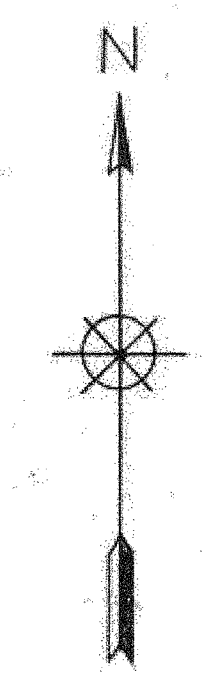
SHEET 4
 OF 27 SHEETS

18 19 43 prepared by S.E. 13 1955
 M.W. Salberg
 ENGINEER

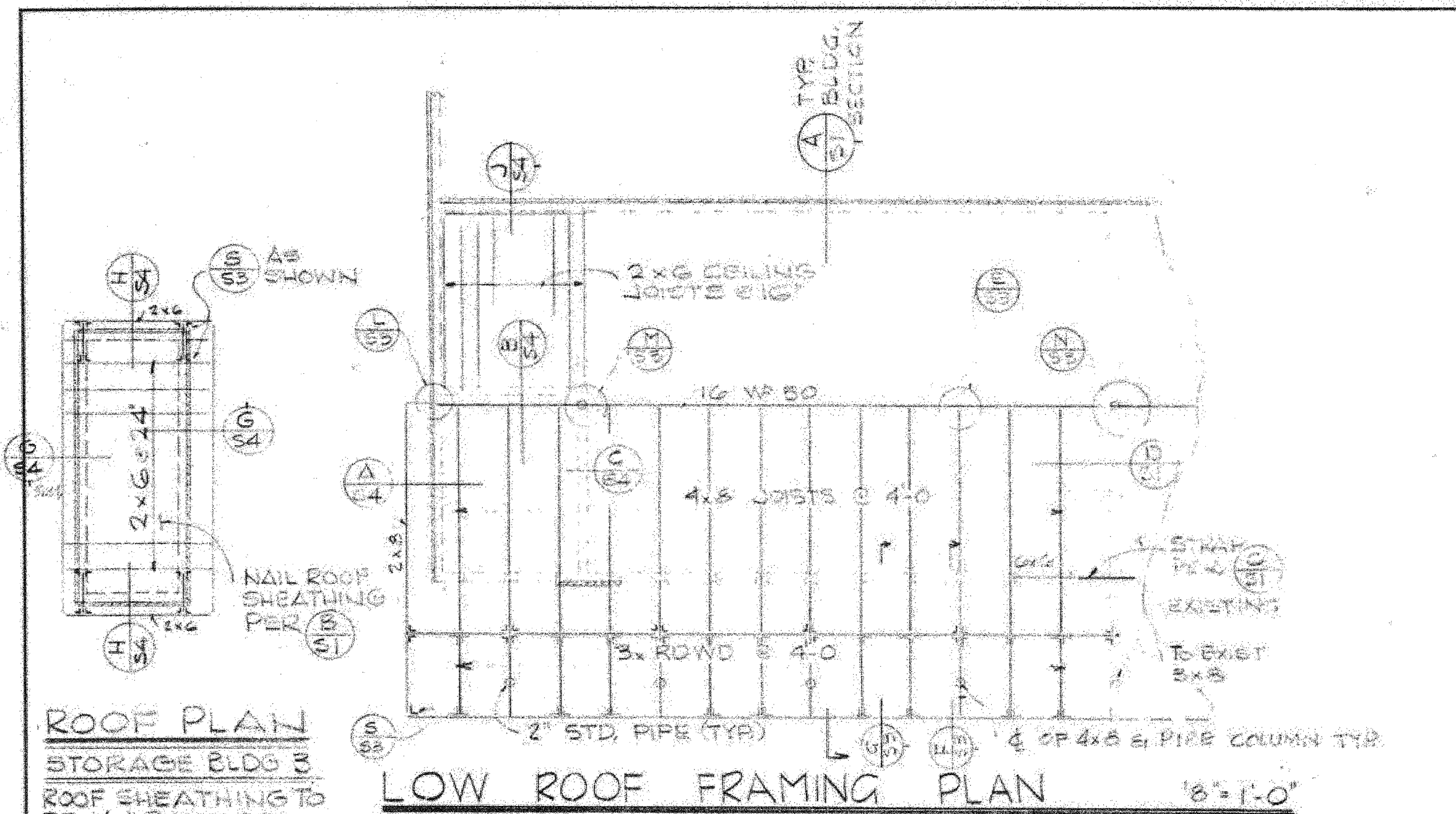


FOUNDATION PLAN (3/4-1-0)

1. See General Notes, Sheet 3-4 and Typical Structural Details Sheet 5-5
2. Foundation Plan is taken above slab on grade. The top of slab is at Nominal Floor Line unless otherwise shown on Plan, thus (-5 1/2") etc. Elevations so shown are given with respect to Nom. Floor Line.
3. Bottom of all footings are at Elevation +121'-0" except as otherwise noted in Details.
4. Footings shall be poured in neat excavation without side forms wherever possible.
5. SOIL PRESSURE: See Soil Report for "WANTE GARASUS SCHOOL", Mt. Diablo Unified School District, Contra Costa County, California, by Clyde & Associates, dated 7-31-51. Footings rest on Engineered Fill. Allowable soil pressure due to dead load is 2000 lbs. per sq. ft., due to dead plus live load is 3000 lbs. per sq. foot. Footings shall be carried a minimum of 18" below finished grade and there shall be a minimum of 18" of fill below the bottom of the footings.
6. For drainage details, sumps, drains, proofing, trenches, curbs, exterior walls, steps, etc., see Architectural and/or Mechanical Drawings.
7. Detail Number
Sheet Number Detail Designator
8. Provide curb at all toilet room partitions. Curb to extend 6" above Nominal Floor Line x width of studs.



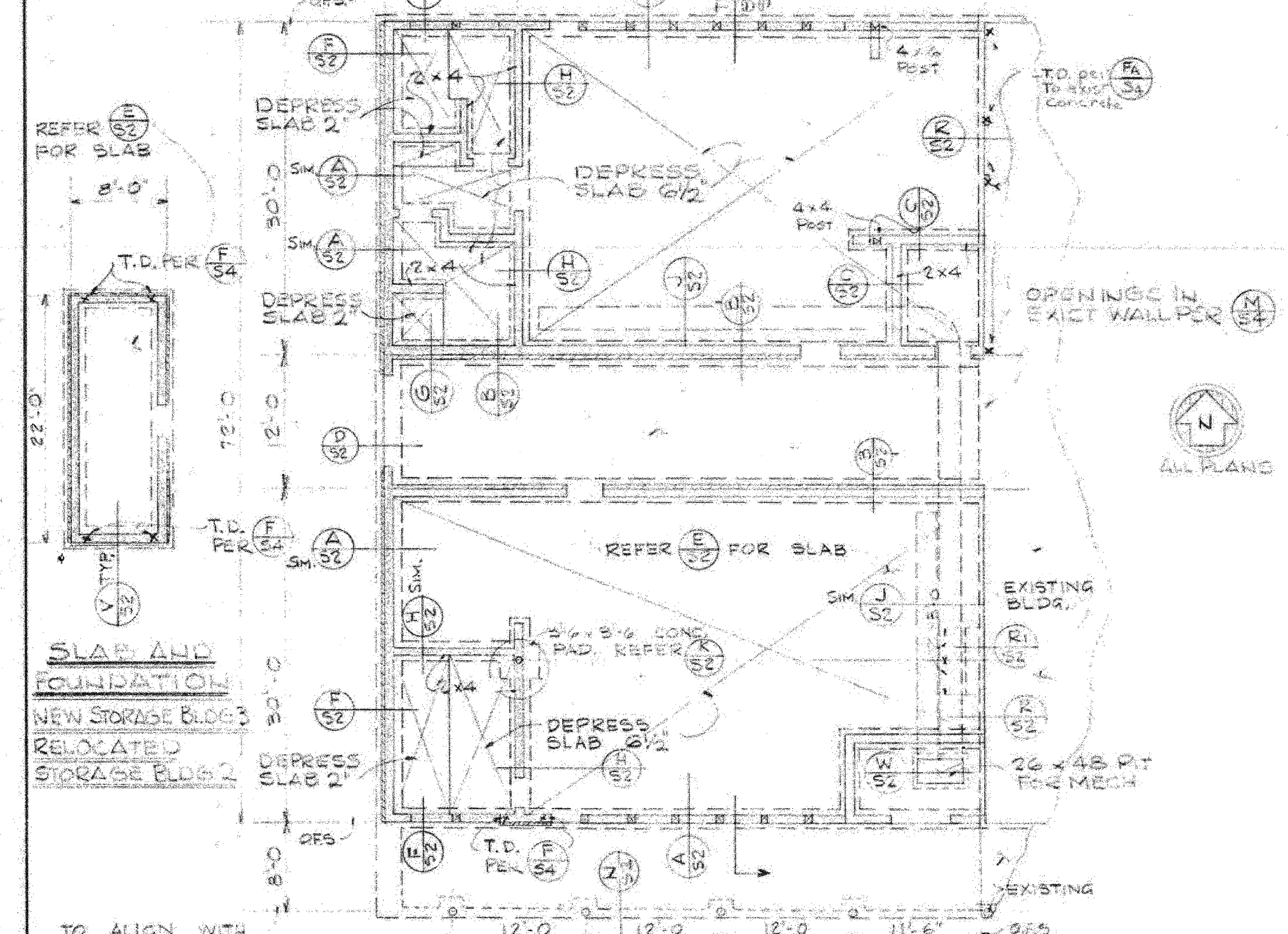
BOARD OF TRUSTEES SUPERINTENDENT OF SCHOOLS	ASSOCIATED ARCHITECTS ANDERSON & SIMONDS ANDERSON & WILLIS CONFER & CHAMBERLAIN REYNOLDS & CHAMBERLAIN JOHN LYON REID 8880 PARK BOULEVARD, OAKLAND 10, CALIF. ARCHITECT
FOUNDATION PLAN SHADE LANDS SCHOOL MT. DIABLO UNIFIED SCHOOL DISTRICT CONTRA COSTA COUNTY, CALIFORNIA	
FILE 54-10-N DATE AUG. 1, 1955	
SHEET 14 S1 OF 21 SHEETS	



LOW ROOF FRAMING PLAN 1/8" = 1'-0"

1. PURLINS TO BE 2x4" PLAT EXCEPT WHERE NOTED.
2. ROOF SHEATHING AND NAILING SAME AS HIGH ROOF.

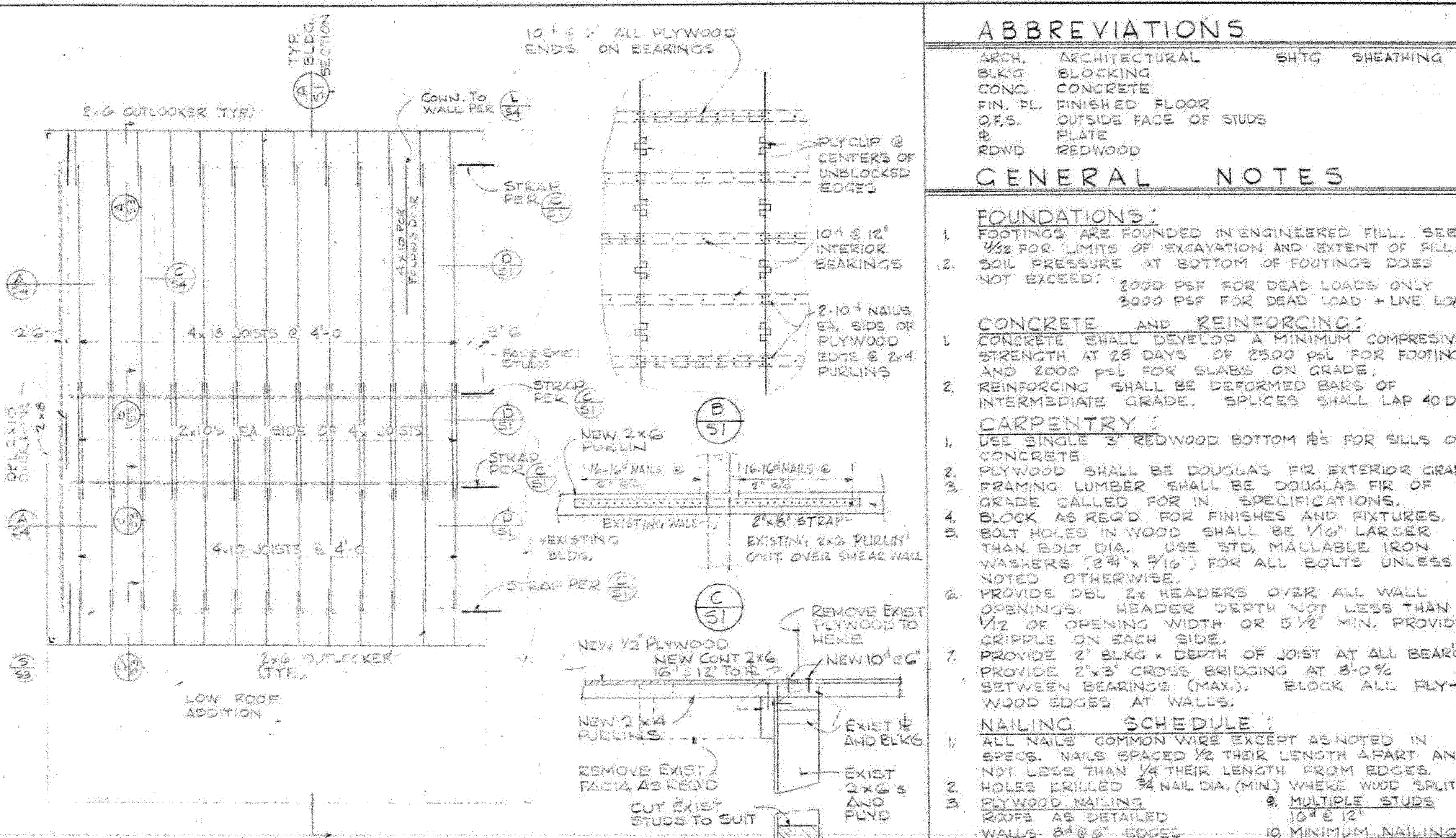
ROOF PLAN
STORAGE BLDG 3
ROOF SHEATHING TO BE 1/2" PLYWOOD



FOUNDATION PLAN 1/8" = 1'-0"

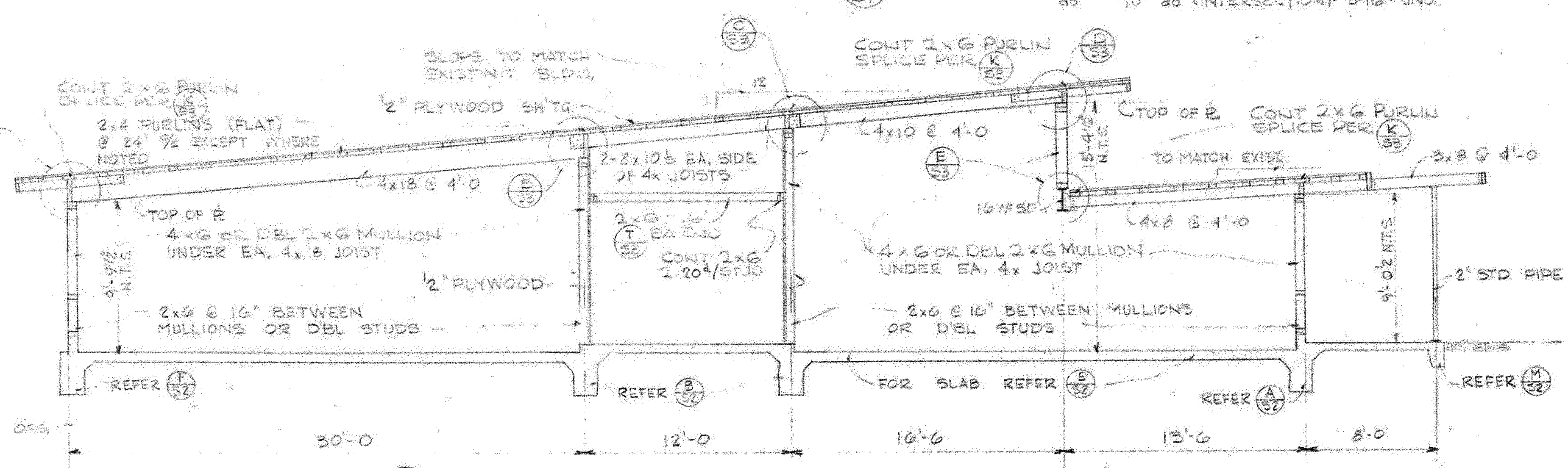
1. ALL STUD WALLS TO BE 2x6 @ 16" UNLESS NOTED OTHERWISE
2. CURBS INDICATED ON PLAN THUS
3. FINISH FLOOR ELEVATION +23'-0" (TO MATCH EXISTING FLOOR)
4. SEE ARCH. DWGS. FOR EXTENT OF CONC. WALLS
5. STRUCTURAL SLAB DEPRESSIONS GIVEN FROM FIN. FL. LINE

SLAB AND FOUNDATION
NEW STORAGE BLDG 3
RELOCATED STORAGE BLDG 2



HIGH ROOF FRAMING PLAN 1/8" = 1'-0"

1. ROOF SHEATHING TO BE 1/2" PLYWOOD.
2. SHEAR WALLS TO BE 1/2" PLYWOOD
3. SHEAR WALLS INDICATED ON PLAN THUS
4. ROOF SHEATHING NAILING REFER



TYPICAL BUILDING SECTION 1/4" = 1'-0"

TOP PLATE HEIGHTS TO MATCH EXISTING BUILDING

ABBREVIATIONS		
ARCH.	ARCHITECTURAL	SHTG SHEATHING
BLKG	BLOCKING	
CONC.	CONCRETE	
FIN. FL.	FINISHED FLOOR	
O.F.S.	OUTSIDE FACE OF STUDS	
#	PLATE	
RDWD	REDWOOD	

GENERAL NOTES

FOUNDATIONS:
1. FOOTINGS ARE FOUNDED IN ENGINEERED FILL. SEE 1/2 FOR LIMITS OF EXCAVATION AND EXTENT OF FILL.
2. SOIL PRESSURE AT BOTTOM OF FOOTINGS DOES NOT EXCEED: 2000 PSF FOR DEAD LOADS ONLY
3000 PSF FOR DEAD LOAD + LIVE LOAD

CONCRETE AND REINFORCING:
1. CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSF FOR FOOTINGS AND 2000 PSF FOR SLABS ON GRADE.
2. REINFORCING SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE. SPLICES SHALL LAP 40 DIA.

CARPENTRY:
1. USE SINGLE 3" REDWOOD BOTTOM #3 FOR SILLS ON CONCRETE.
2. PLYWOOD SHALL BE DOUGLAS FIR EXTERIOR GRADE
3. FRAMING LUMBER SHALL BE DOUGLAS FIR OF GRADE CALLED FOR IN SPECIFICATIONS.
4. BLOCK AS REQ'D FOR FINISHES AND FIXTURES.
5. BOLT HOLES IN WOOD SHALL BE 1/16" LARGER THAN BOLT DIA. USE STD. MALLEABLE IRON WASHERS (2 3/4" x 7/16") FOR ALL BOLTS UNLESS NOTED OTHERWISE.
6. PROVIDE DEL 2x HEADERS OVER ALL WALL OPENINGS. HEADER DEPTH NOT LESS THAN 1/2 OF OPENING WIDTH OR 3 1/2" MIN. PROVIDE GRIPPLE ON EACH SIDE.
7. PROVIDE 2x3 CROSS BRIDGING AT 8'-0" BETWEEN BEARINGS (MAX.). BLOCK ALL PLYWOOD EDGES AT WALLS.

NAILING SCHEDULE:
1. ALL NAILS COMMON WIRE EXCEPT AS NOTED IN SPECS. NAILS SPACED 1/2 THEIR LENGTH APART AND NOT LESS THAN 1/4 THEIR LENGTH FROM EDGES.
2. HOLES DRILLED 3/4 NAIL DIA. (MIN.) WHERE WOOD SPLITS.
3. PLYWOOD NAILING: ROOFS AS DETAILED; WALLS - 8d @ EDGES; MINIMUM NAILING: 1" MAT. 2-20" ALL BRCS; 2" MAT. 2-10" ALL BRCS
4. CEILING JOISTS (AT BRCS) 10D NAILS EA. SIDE - 2-10"
5. STUDS TO BEARINGS: 2-10" TOENAILS EA. SIDE
6. BLKS BETWEEN JOISTS & STUDS: 2-10" TOENAILS EA. END
7. DOUBLE TOP #3: LOWER # TO TOP OF STUD - 2-20"; UPPER # TO LOWER (STAGGER) - 16" @ 16" TO DO (INTERSECTION) - 3-16" UNO.

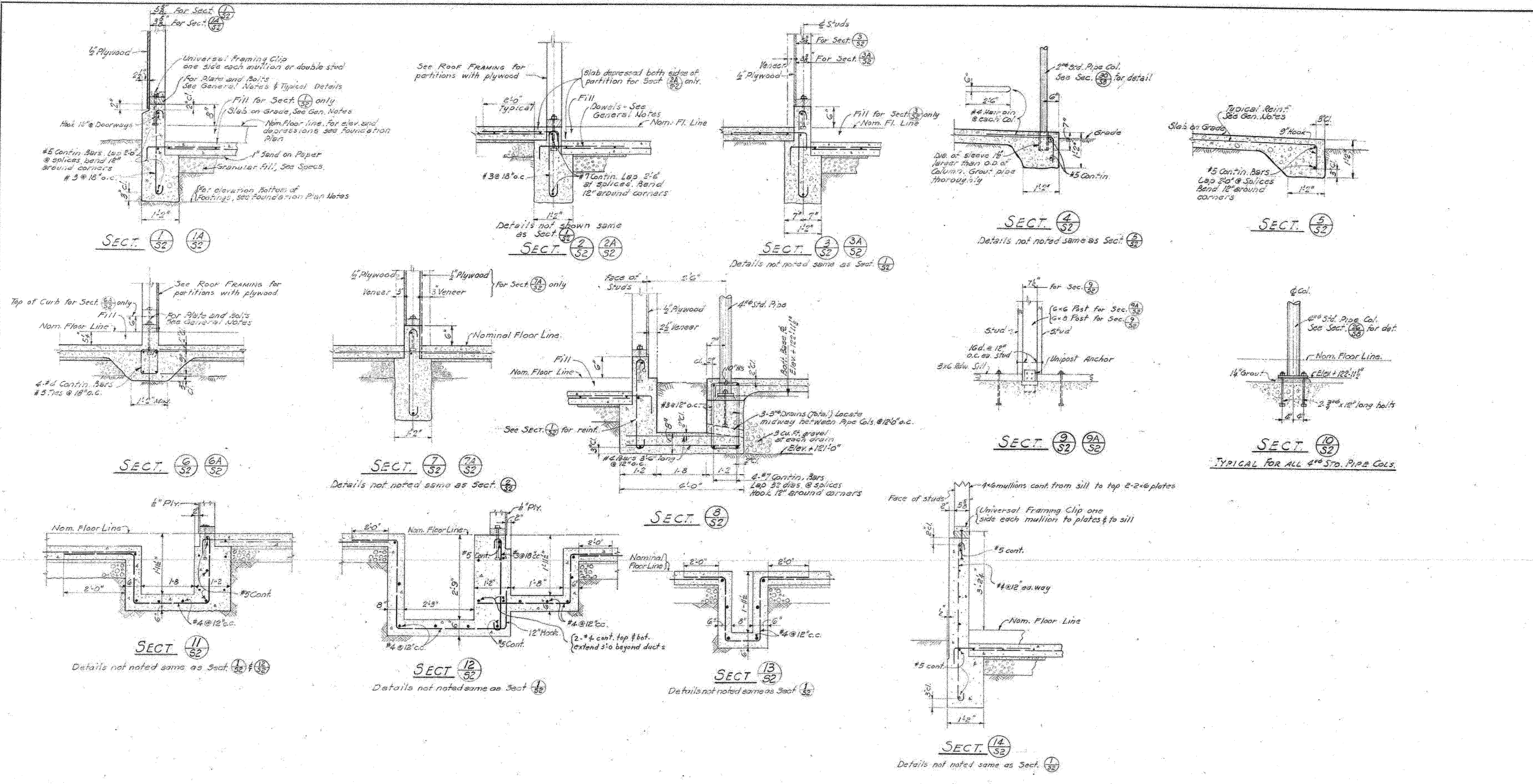
OWNER: **SHADELANDS SCHOOL DISTRICT**
ADDRESS: **MT. DIADELO UNIFIED SCHOOL DISTRICT**
CITY: **CONTRA COSTA COUNTY, CALIFORNIA**

ARCHITECT: **FREDERICK L. B. CONFERR & ASSOCIATES**
ADDRESS: **1000 COLLETT DRIVE, FAYETTEVILLE, CALIFORNIA**
PHONE: **(916) 428-1111**

DATE: **AUG. 18, 1964**

PROJECT: **FOUNDATION & FRAMING PLANS**

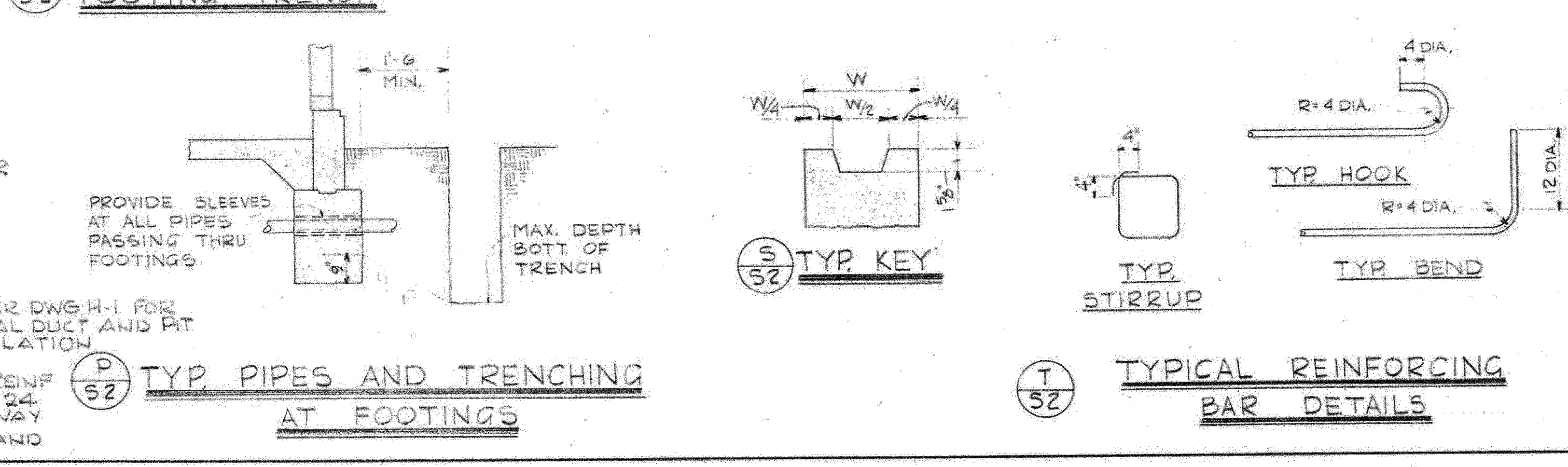
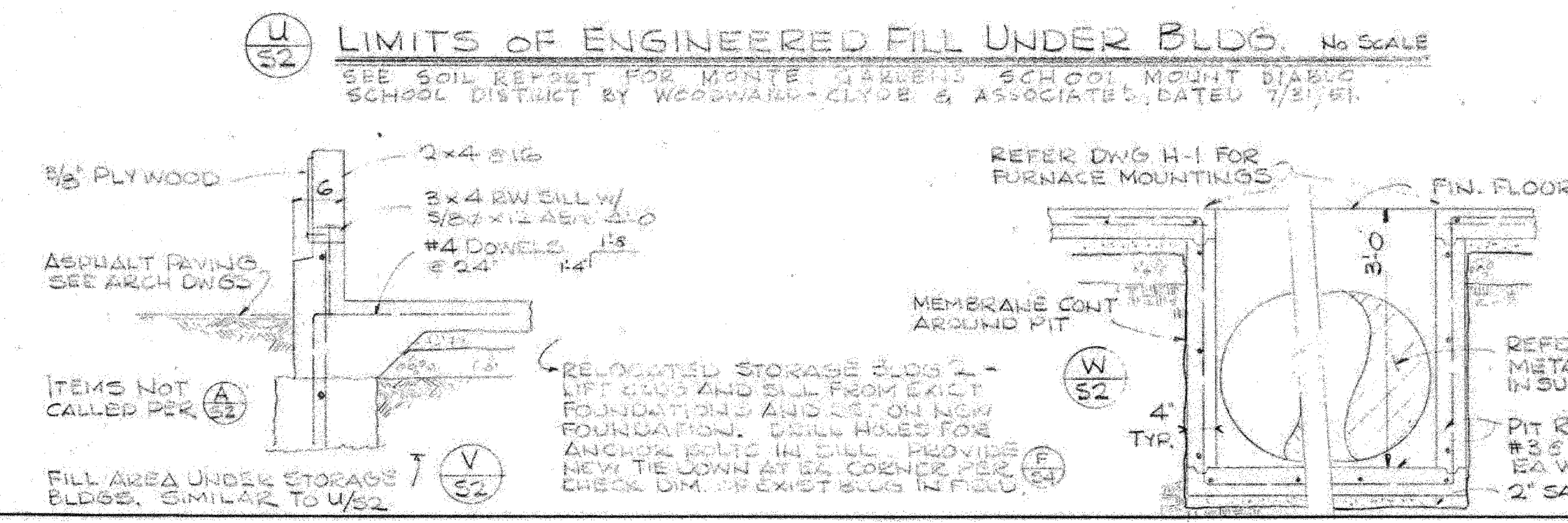
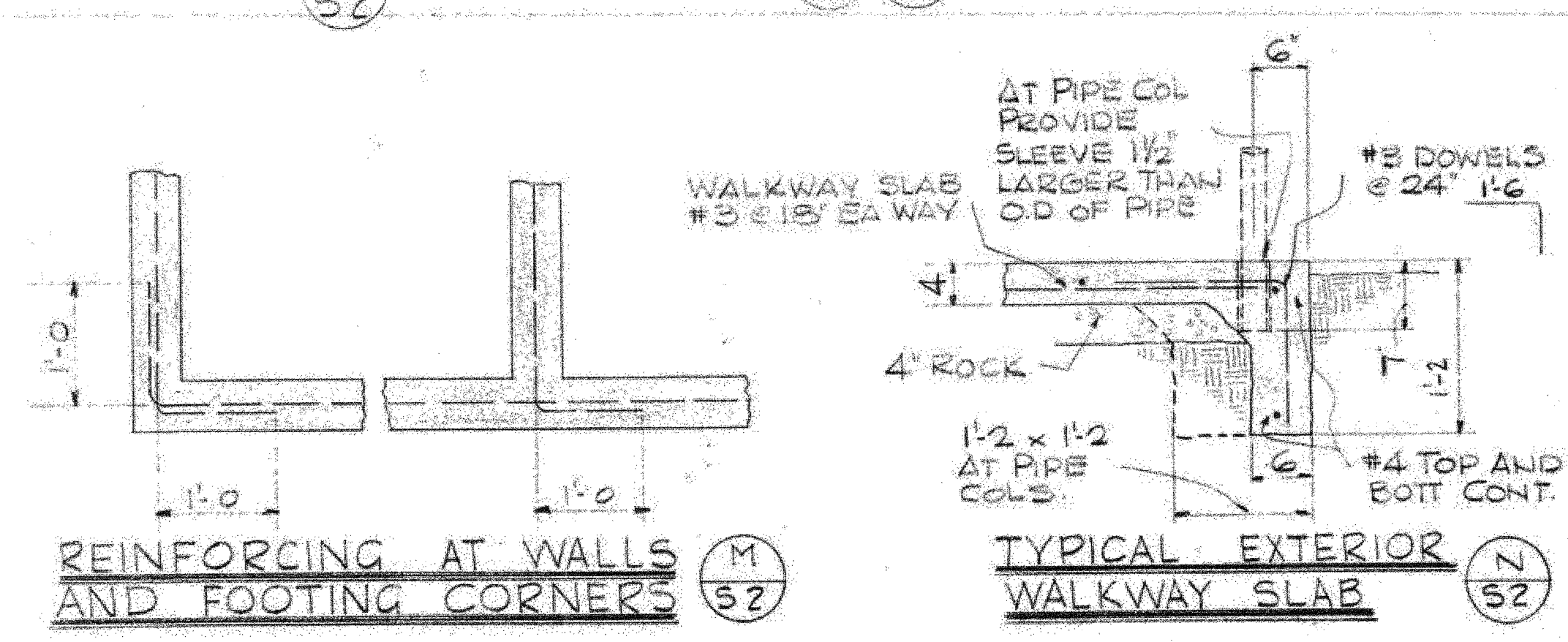
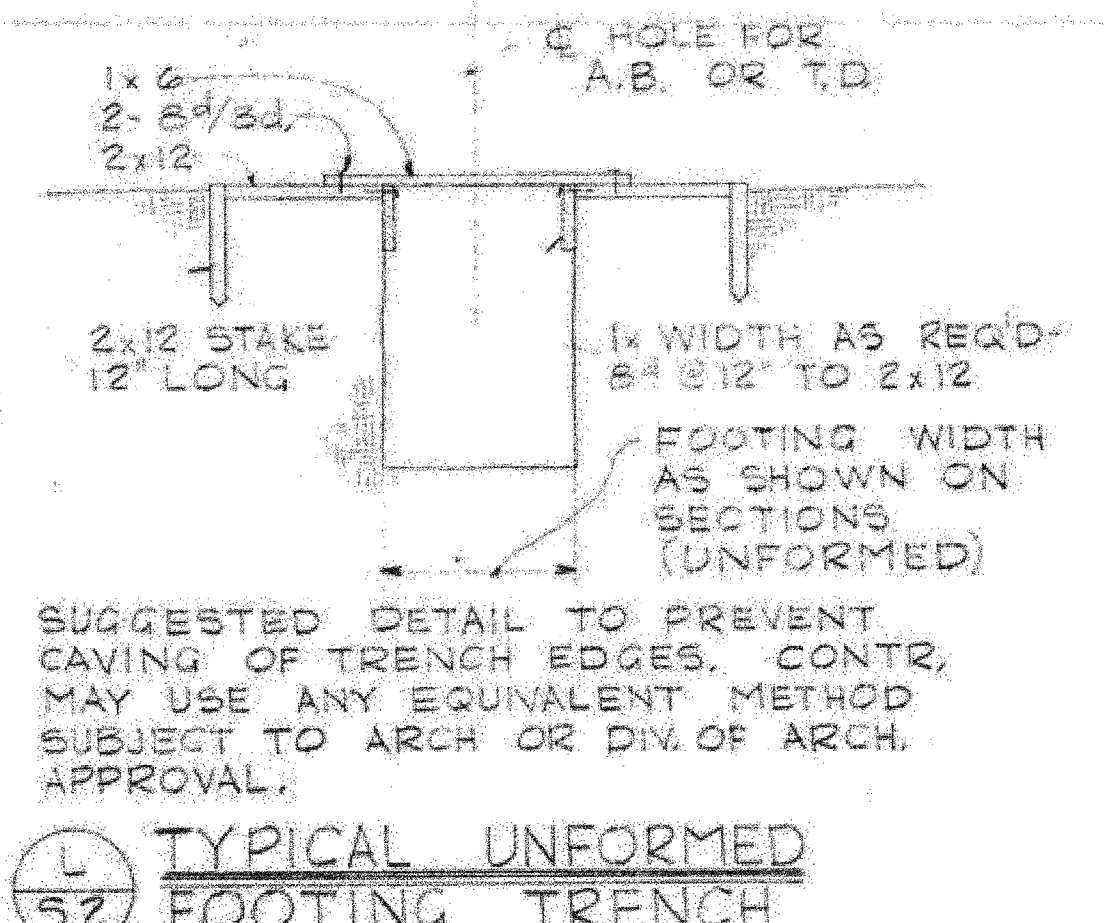
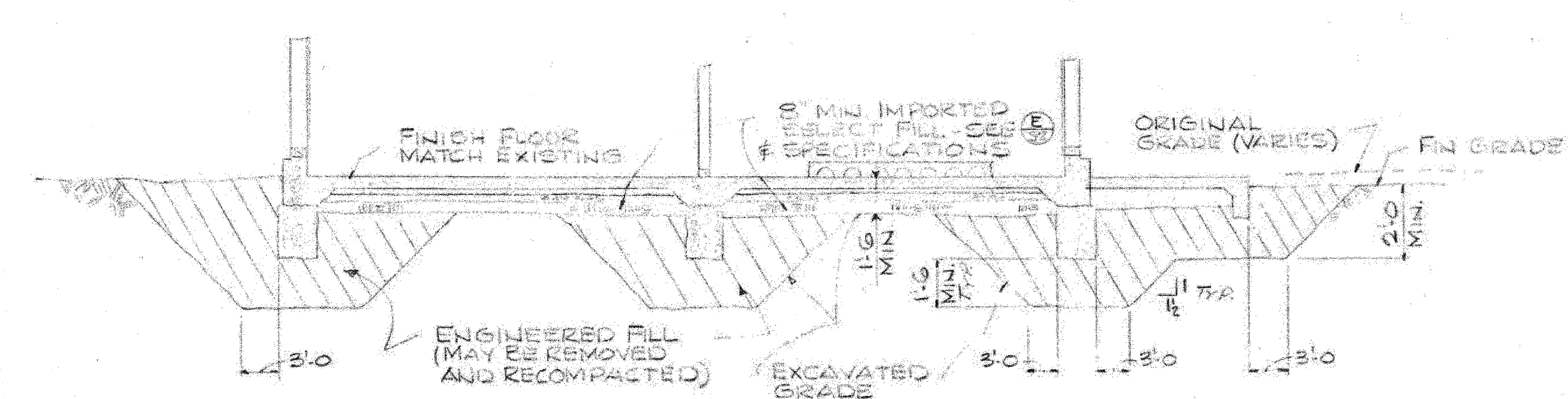
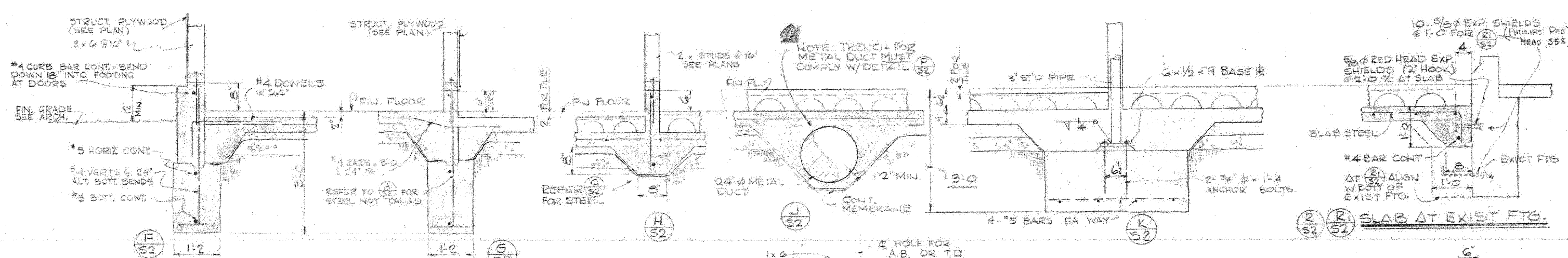
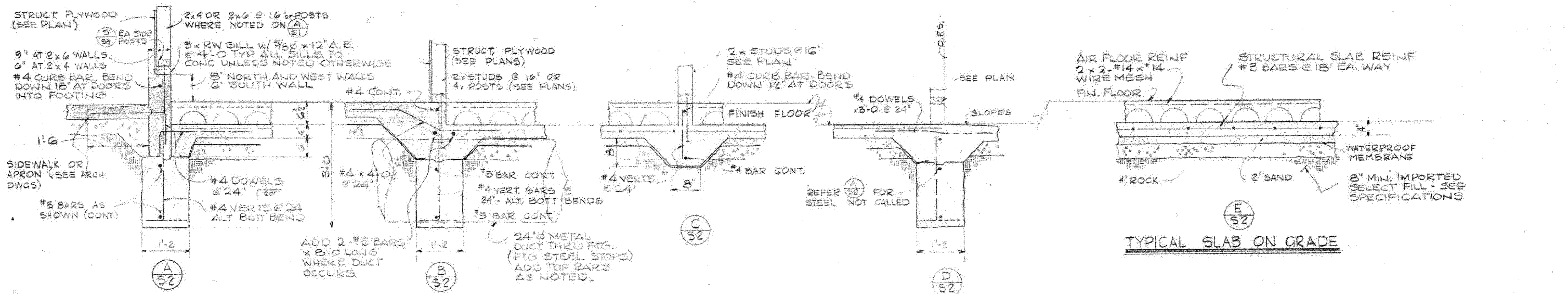
SHEET: **S1**



NOTES

1. See General Notes, Sh. 5-4 and 5-5
2. Details on this sheet show structural features only. For details and dimensions not shown, refer to Architectural Drawings. All fill shall meet Specification requirements.
3. Fill indications are symbolic. All fill shall meet Specification requirements.

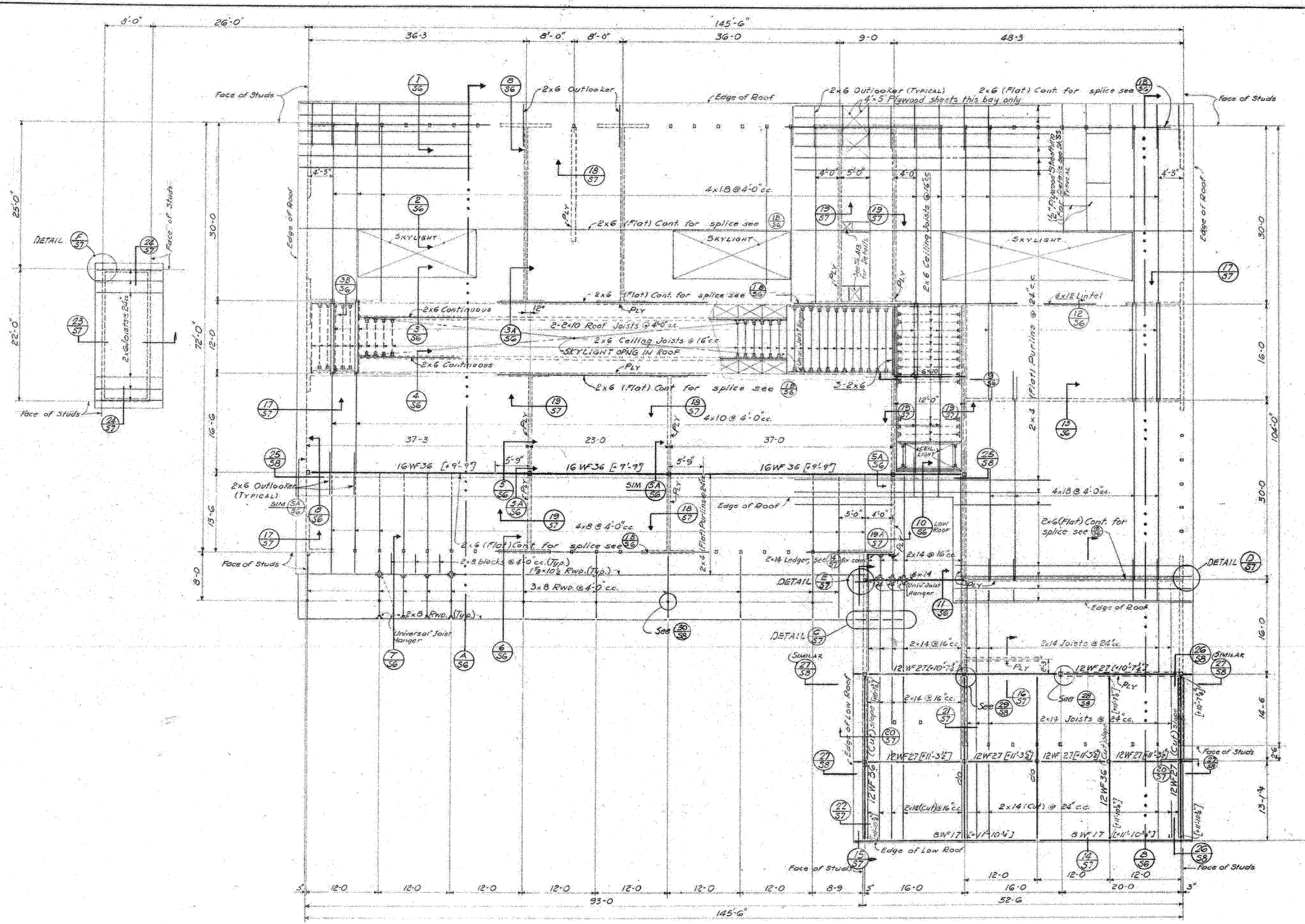
BOARD OF TRUSTEES		
SUPERINTENDENT OF SCHOOLS	M. W. SIMMONS	M. W. SIMMONS
ASSOCIATED ARCHITECTS ANDERSON & SIMMONS CONFER & WILLIS REYNOLDS & CHAMBERLAIN JOHN LYON REID 2800 PARK BOULEVARD, OAKLAND 10, CALIF.		
FOUNDATION DETAILS	SHADELANDS SCHOOL	MT. DIABLO UNIFIED SCHOOL DISTRICT CONTRA COSTA COUNTY, CALIFORNIA
FILE 54-10-N	DATE AUG. 1, 1955	SHEET 15
		OF 27 SHEETS



OWNER: SHADLANDS SCHOOL ADDN #1 MT. DIABLO UNIFIED SCHOOL DISTRICT CONTRA COSTA COUNTY, CALIFORNIA

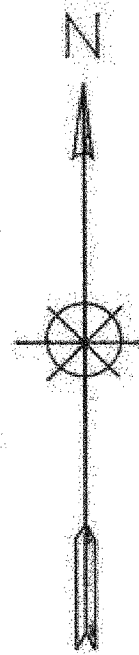
ARCHITECT: FREDERICK L. R. CONNER AIA ARCHITECTS ASSOCIATES 2500 S. SHADLANDS AVENUE, SAN FRANCISCO, CALIFORNIA 94116

DATE: AUG. 28, 1964

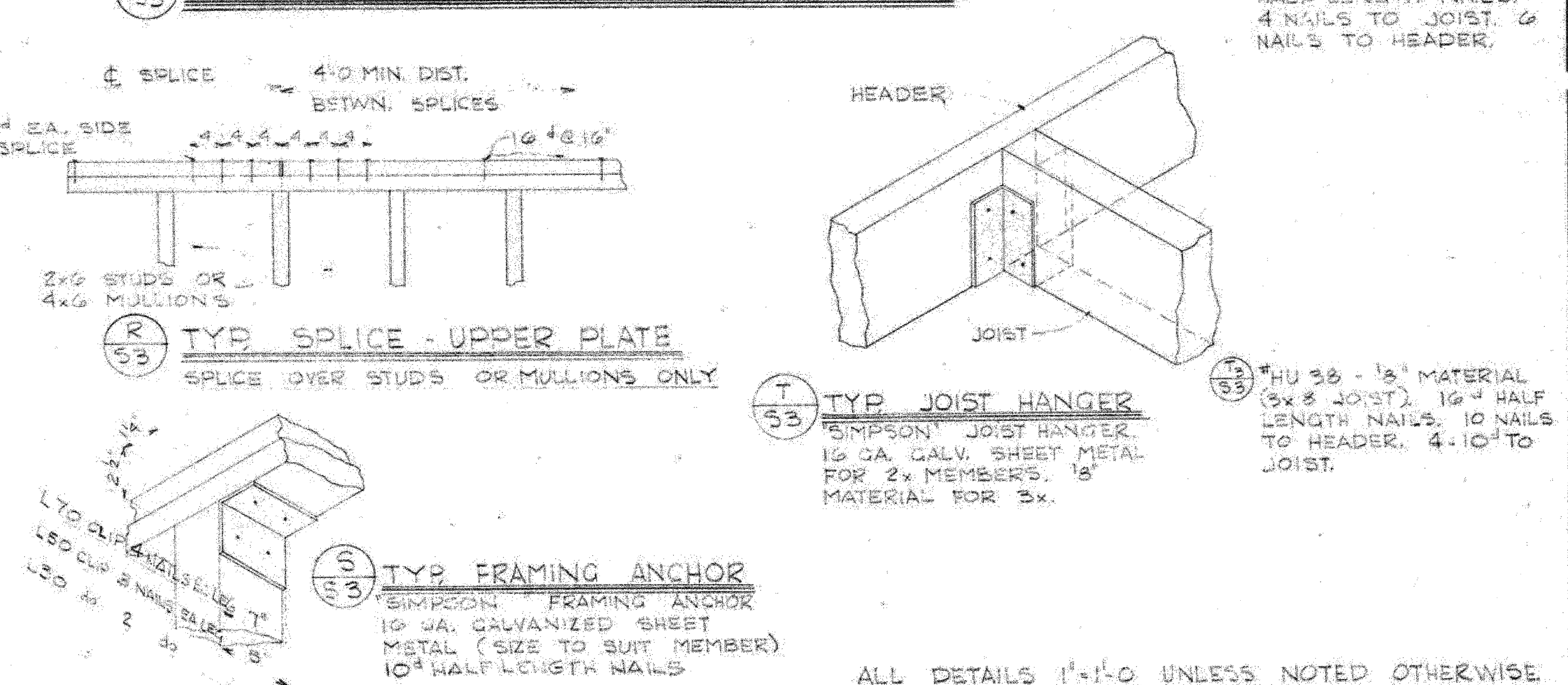
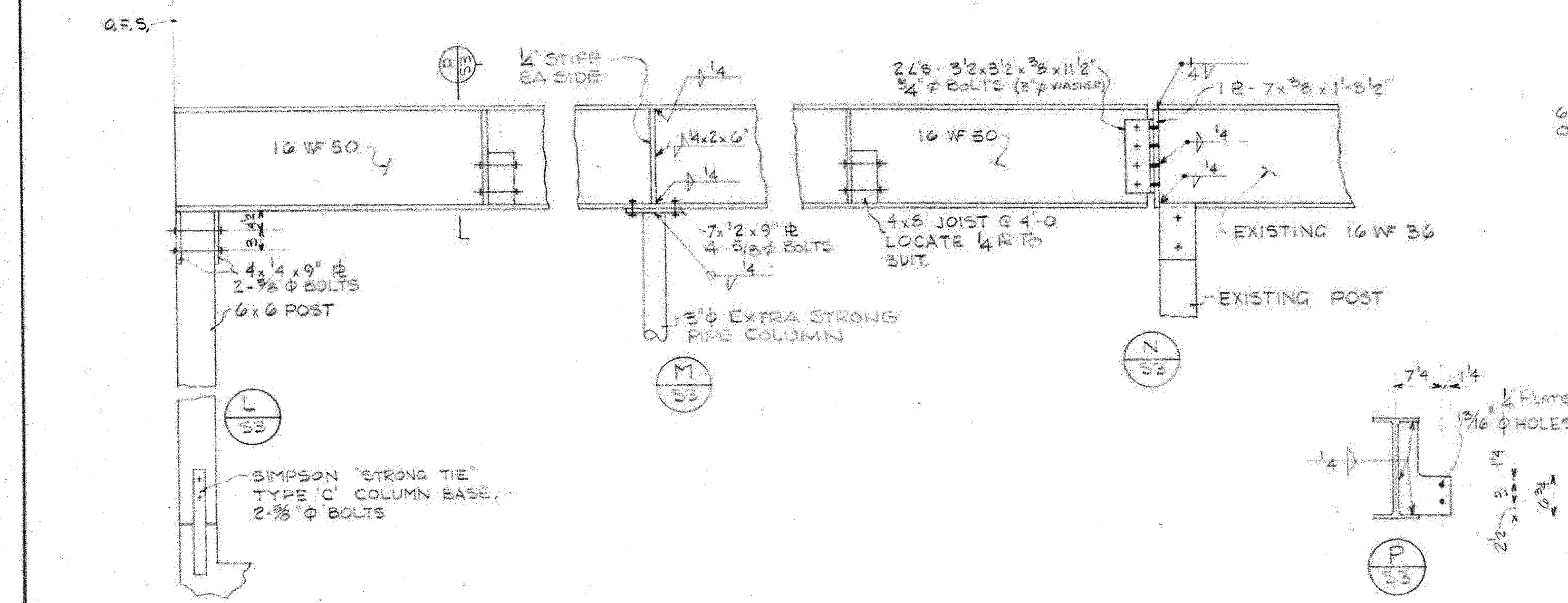
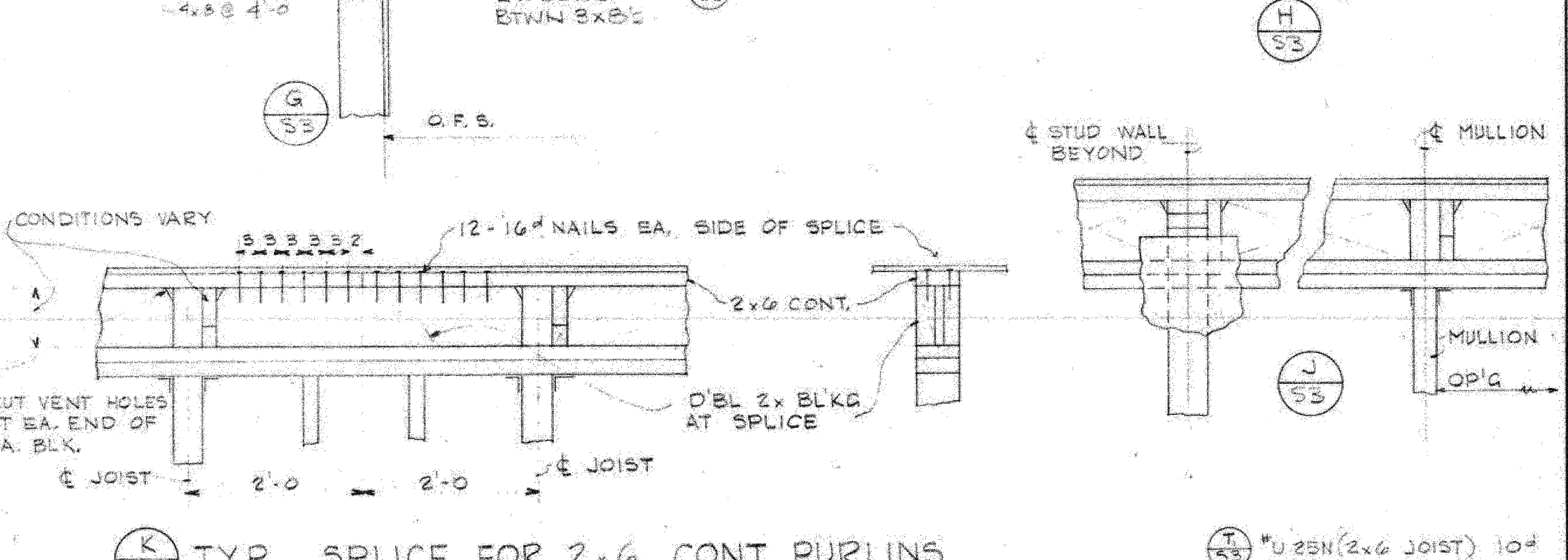
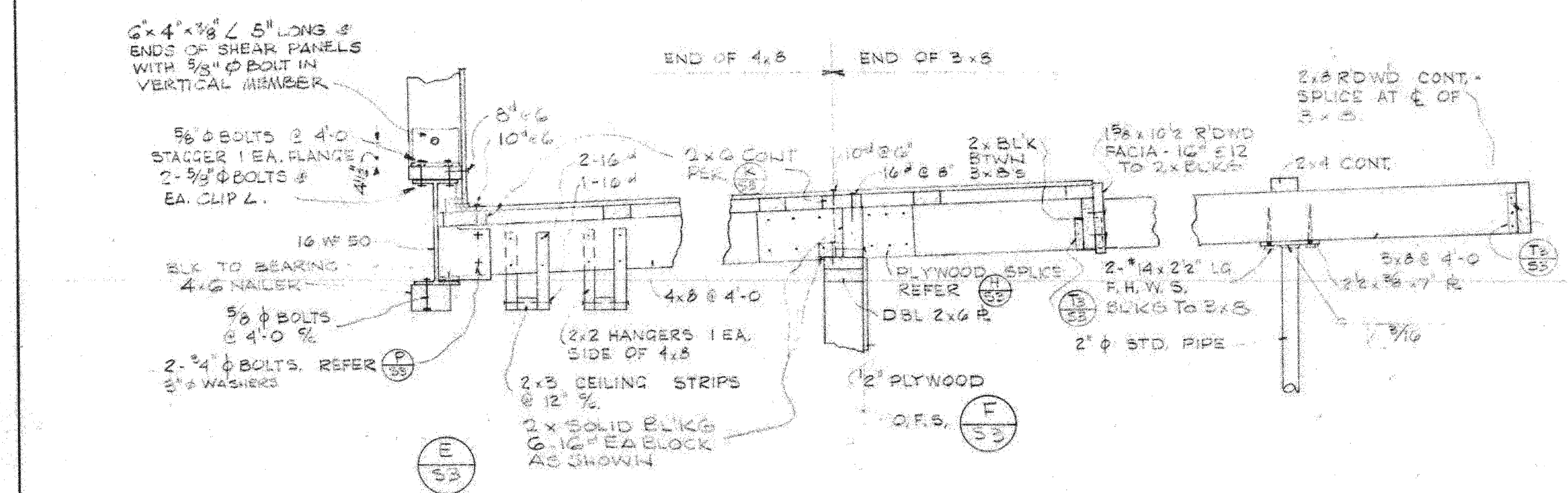
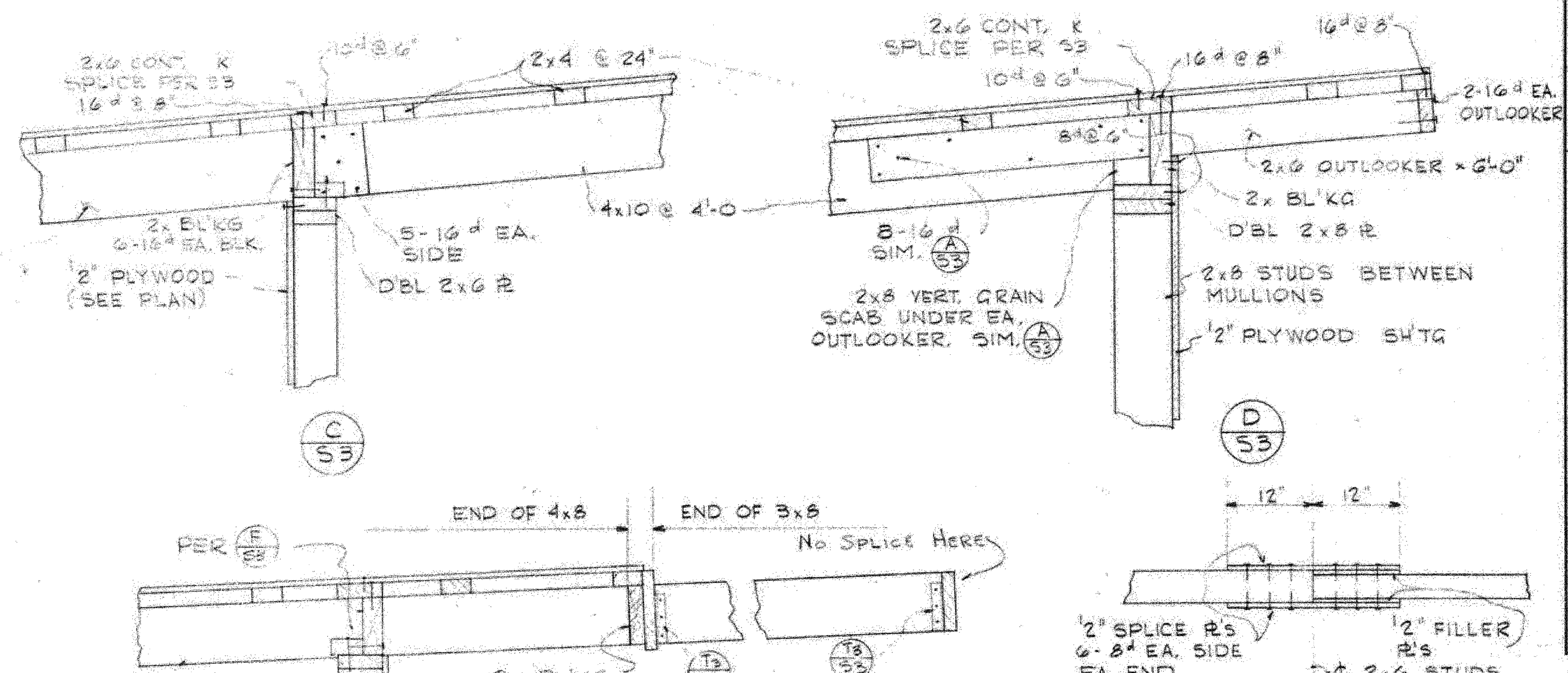
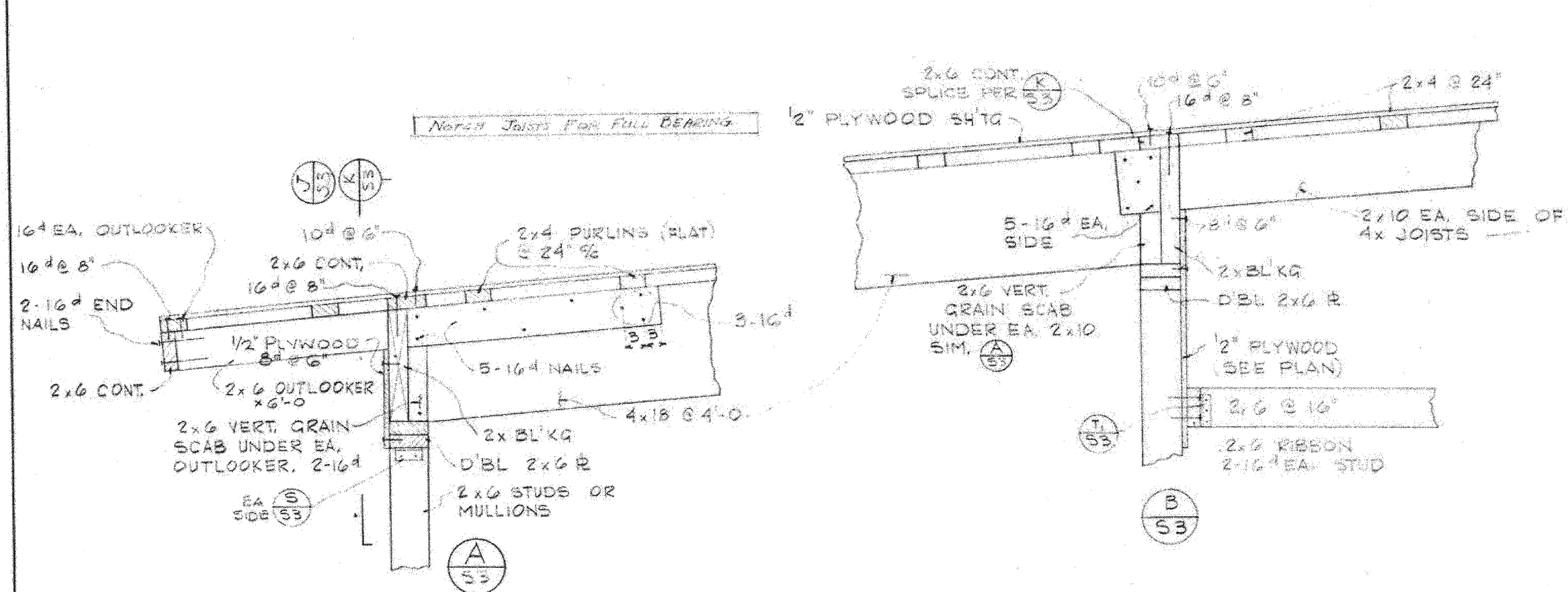


ROOF FRAMING (8"=1'-0")

1. See General Notes, Sheet SA.
2. Unless noted, exterior walls shall have 1/2" Plywood Sheathing on exterior face of studs, and roofs shall have 1/2" Plywood Sheathing.
3. "Ply" means 1/2" Plywood sheathing on side of partition noted.
4. Top of Steel Beams are shown thus [9'-7"] etc.. Elevations so shown are given with reference to Nominal Floor Line.
5. Marks "do" apply to beam sizes, elevations & connections.
6. See Arch. Drawings for plate heights, fascia details, roof drains, skylights, etc.
7. All studs, 2x6 @ 16" unless otherwise noted.



ROAD OF TRUSTEES	
SUPERINTENDENT OF SCHOOLS	
ASSOCIATED ARCHITECTS ANDERSON & SIMMONS CONFER & WILLIS REYNOLDS & CHAMBERLAIN JOHN LYON REID	1935:3 Approved SEP 13 1935 Engineer: <i>M. W. Sillberg</i> ARCHITECT
ROOF FRAMING	SHADE LANDS SCHOOL
MT. DIABLO UNIFIED SCHOOL DISTRICT CONTRA COSTA COUNTY, CALIFORNIA	
FILE 54-10-N	DATE AUG 1, 1935
SHEET 16	3
OF 27	SHEETS



(K) TYP. SPLICE FOR 2x6 CONT. PURLINS

(R) TYP. SPLICE - UPPER PLATE
SPLICE OVER STUDS OR MULLIONS ONLY

(T) TYP. JOIST HANGER
SIMPSON JOIST HANGER, 16 GA. GALV. SHEET METAL FOR 2x MEMBERS, 18\"/>

(S) TYP. FRAMING ANCHOR
SIMPSON FRAMING ANCHOR 16 GA. GALVANIZED SHEET METAL (SIZE TO SUIT MEMBER) 10\"/>

ALL DETAILS 1/4\"/>

OWNER: **SHADELANDS SCHOOL DISTRICT**
 PROJECT: **MT. DIABLO UNIFIED SCHOOL DISTRICT**
 ARCHITECT: **FREDERICK L. R. CONFERR ARCHITECTS ASSOCIATES**
 1500 CENTER STREET, COSTA MESA, CALIFORNIA 92626
 DATE: **AUG. 28, 1964**