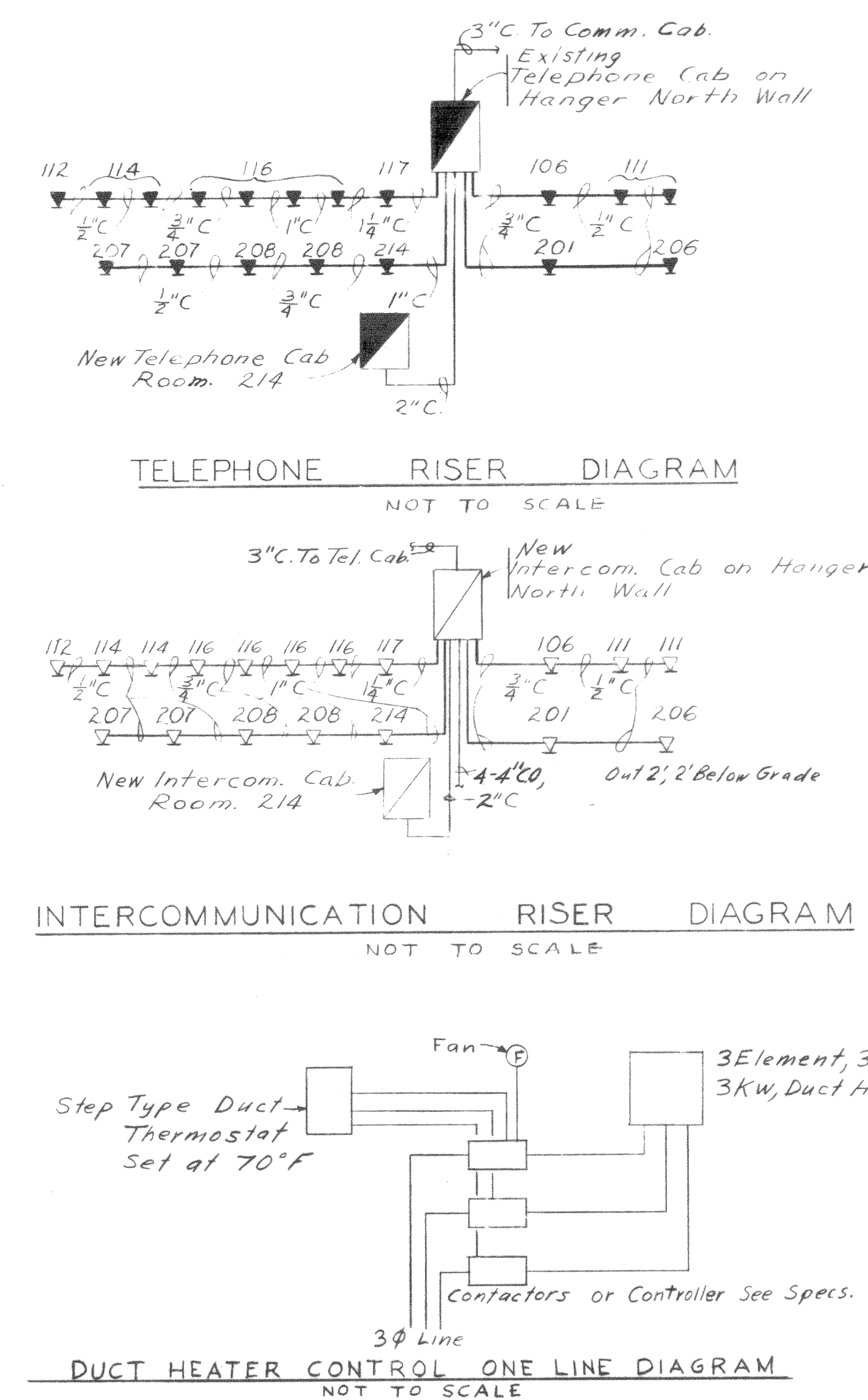
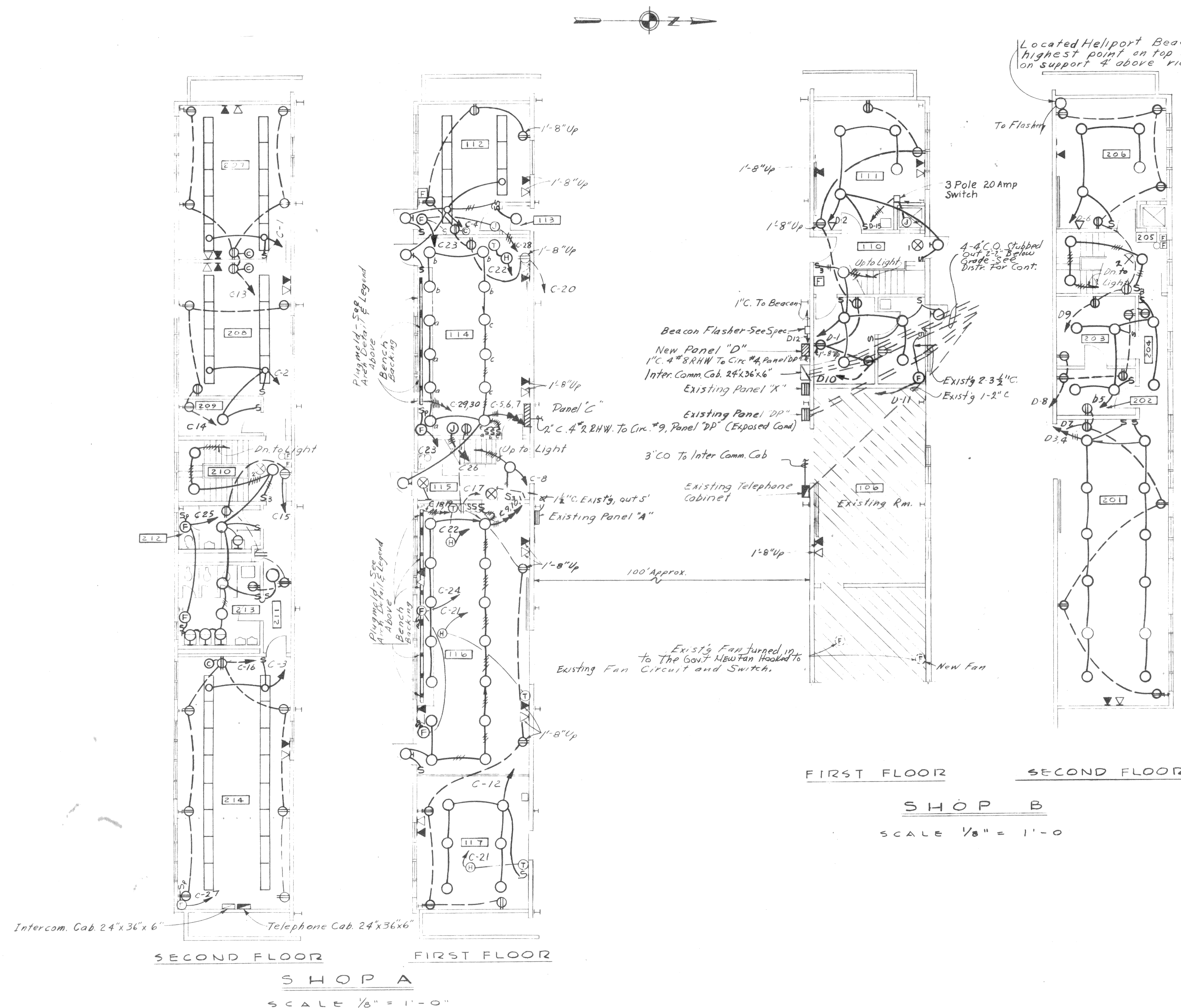




- LEGEND
- | | |
|---|--|
|  | PIPE ALARM BELL |
|  | PIPE ALARM STATION |
|  | EXIT LIGHT OUTLET |
|  | BRANCH CIRCUIT CONCEALED IN CEILING OR WALL |
|  | BRANCH CIRCUIT CONCEALED IN FLOOR |
|  | HOME RUN TO PANEL BOARD, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS, NUMBER OF LINES INDICATES NUMBER OF WIRES. |
|  | SINGLE POLE SWITCH, 4'-6" UP |
|  | THREE WAY SWITCH, 4'-6" UP |
|  | SWITCH W/ PILOT LIGHT, 4'-6" UP |
|  | THERMOSTAT, 5'-0" UP |
|  | INTERCOMMUNICATION CABINET |
|  | FLUORESCENT FIXTURE OUTLET |
|  | LIGHTING PANEL |
|  | EXISTING PANEL |
|  | GROUNDDED DUPLEX CONVENIENCE OUTLET, 1'-8" UP |
|  | TELEPHONE CABINET |
|  | CLOCK OUTLET, 7'-6" UP |
|  | JUNCTION BOX |
|  | MOTOR |
|  | FAN |
|  | EXISTING FAN |
|  | UNIT HEATER |
|  | TELEPHONE OUTLET, 1'-8" UP |
|  | INTERCOMMUNICATION OUTLET, 1'-8" UP |
|  | METALLIC PLUG MOLD, #2000 W/GROUNDED SINGLE RECFPTACLE AT 3'-0" INTERVALS |
|  | EXIT LIGHT OUTLET, NO. INDICATES TYPE - SEE FIXTURE SCHED. |

- N O T E S
1. FOP FIXTURE TYPE SEE CORPS OF ENGINEERS, DRAWING NO. 40-00-04 IN SPECIFICATIONS.
 2. LIGHT OUTLETS ARE LOCATED SO AS NOT TO INTERFERE WITH SPRINKLER SYSTEM OUTLETS.
 3. FIRE ALARM STATIONS AND BELLS ARE CONNECTED TO EXISTING HANGAR FIRE ALARM SYSTEM CIRCUIT NO. 1 IN PANEL "X."
ALSO, CONNECT ~~F~~EIXT LIGHTS TO PANEL "X", CIRC. NO.1
 4. ADJACENT & COMMUNICATING AREAS NOT SUITABLY CUT OFF FROM THE HANGAR ARE CLASS I, DIV.1 HAZARDOUS AREA UP TO A LEVEL 18" ABOVE THE FLOOR AND 1' HAVE CONDUIT SEALS ON 18" ABOVE THE RUNS UNDER THE FLOOR OF THESE AREAS.

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

F I X T U R E S C H E D U L E					
ROOM NO.	ROOM DESCRIPTION	FIXTURE TYPE	LAMP WATTS	MOUNTING HEIGHT	REMARKS
108	Battery Room	I-3	200	Ceiling	
109	Toot Room	I-3	200	Ceiling	
111, 117, 206	Tire Shop & Technical Supply	I-4	300	Ceiling	
112, 207	Office	F-131	2/40	10'-0"	
113, 117, 204, 211	Corridors & Vestibules	I-1	100	Ceiling	
114	Engine Build-up & Transmission	I-4	300	Ceiling	
116	Rotor, Rotor Head & Fly	I-4	300	Ceiling	
201, 209	Tech Supply & Supply	I-3	200	Ceiling	
202, 203	Electric Shop & Instr. Repair	I-4	300	Ceiling	
110, 205, 210	Stairs	I-1	100	Ceiling	
208	Communication Room	F-131	2/40	10'-0"	
212, 213	Off. Toilet & Toilet	EG-2	200	Ceiling	
212, 213	Off. Toilet & Toilet	A-2	60	Above Sink	
214	Class Room & Briefing Room	F-131	2/40	10'-0"	
	Outside Door Lights	VG-3	100	1' Above Dr.	
	Exit Light	X-75	2/25	C/1/2	No. 1
	Exit Light	X-7D	2/25	C/1/2	No. 2

PANEL "C" SCHEDULE					
TYPE: Breaker, 120/208V, 3 ϕ , 4W.					
MAINS: 100A, Lugs only					
CIRCUIT NO.	BREAKER		WIRE		REMARKS
	POLES	FRAME TRIP	NO.	SIZE	
1-12	1	50	2	12	Lighting
13-20, 29-30	1	50	2	12	Receptacles
21-22	1	50	2	12	Unit Heaters
23-527	1	50	2	12	Exhaust Fans
26	3	50	3	12	Monorail Hoist
28	3	50	15	3	Heater, (3KW Duct, See Specs.)
31-34	1	50	20	-	Spares

PANEL "D" SCHEDULE						
TYPE: Breaker, 120/208V, 3φ, 4W.						
MAINS: 100 A, 4ugs Only						
CIRCUIT NO.	BREAKER			WIRE		REMARKS
	POLES	FRAME	TRIP	NO.	SIZE	
1 - 6	1	50	20	2	12	Lighting
7 - 10	1	50	20	2	12	Receptacles
11	1	50	20	2	12	Exhaust Fan
12	1	50	20	2	12	Heliport Beacon & Flasher
13, 14	1	50	20	-	-	Spares
15	3	50	20	4	12	Dumbwaiter Motor

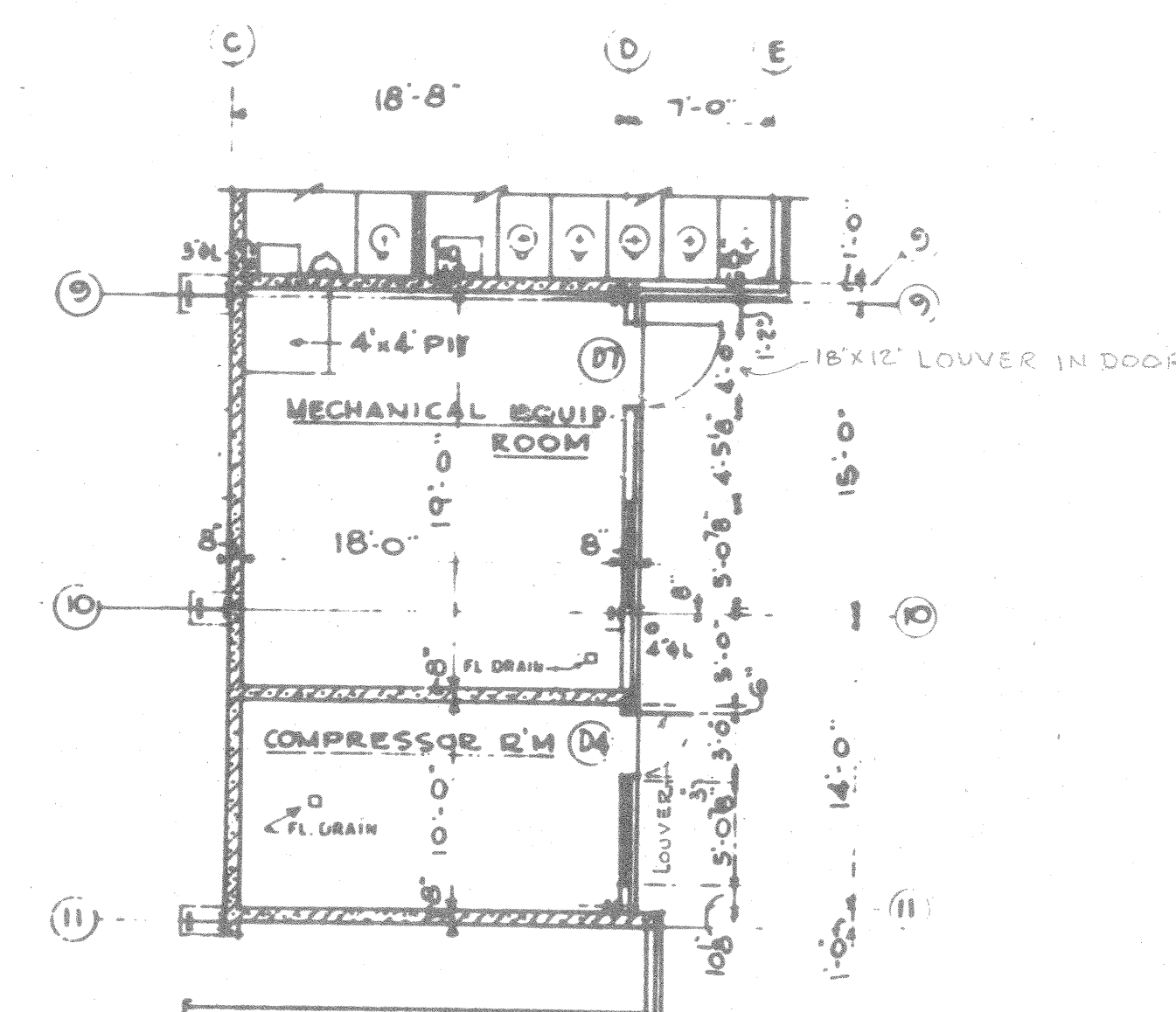
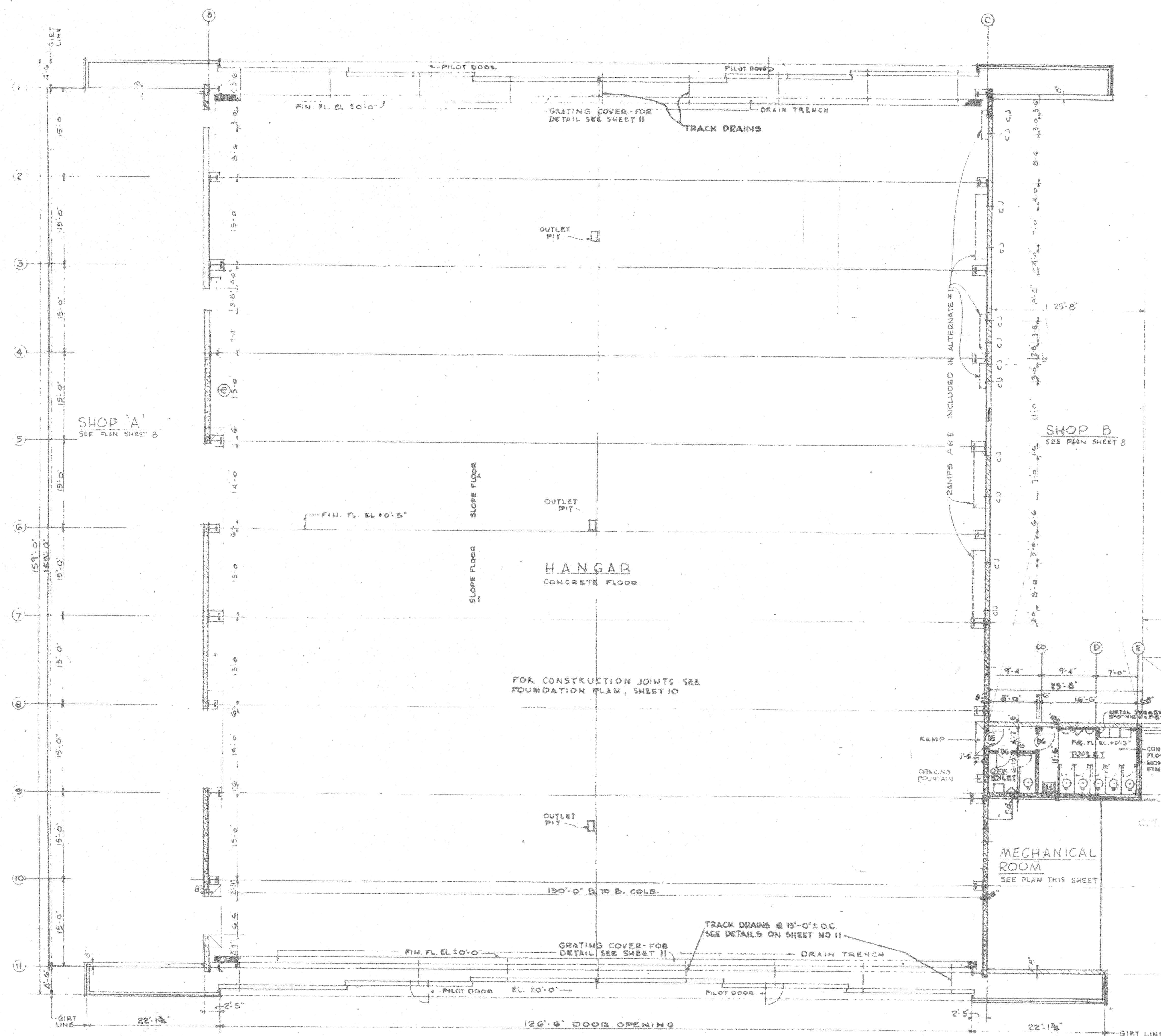
[illegible]

CORPS

ARCH. 47431-1/2

23039-01-70

CAUTION: After using chemical correction fluid on photographic linen, swab or rinse eradicated area with clean water.



GENERAL NOTES:

1. REINFORCED MASONRY WALLS @ 1 1/2" BAR ON ALL SIDES OF AND ADJACENT TO EVERY OPENING WHICH EXCEEDS 24" IN EITHER DIRECTION. SUCH BARS EXTEND NOT LESS THAN 40 DIAMETERS, BUT IN NO CASE LESS THAN 24" BEYOND THE CORNERS OF THE OPENING. THIS REQUIREMENT IS IN ADDITION TO THE MINIMUM REINFORCEMENT ELSEWHERE REQUIRED.

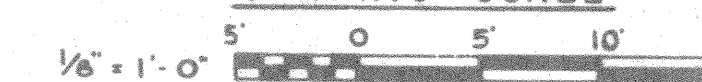
THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

FLAMMABLE STORAGE BLDG.
SEE DRAWING #33-11-22 SHEET 101.

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICK.	SINGLE	DOUBLE	NO. OF LIGHTS	TYPE	FRAME
D4	3'-0"	7'-0"	1 3/4"	✓	—	4	INDUSTRIAL	4x3x1/4
D5	2'-8"	7'-0"	1 3/4"	✓	—	—	CLASS B	4C
D6	2'-8"	7'-0"	1 3/4"	✓	—	—	INDUSTRIAL	4C
D7	4'-0"	7'-0"	1 3/4"	✓	—	4	INDUSTRIAL	4C

GRAPHIC SCALE



	CUBAGE C.F.	TOTAL INCLUDING HANGAR ONLY	TOTAL INCLUDING HANGAR & SHOPS A & B
HANGAR	1,089,770	—	—
SHOP A	110,753	—	—
SHOP B	82,388	—	—
LEAN-TO CENTRAL STEAM	17,55	1,106,925	1,300,566

	AREA S.F.	TOTAL INCLUDING HANGAR ONLY	TOTAL INCLUDING HANGAR & SHOPS A & B
HANGAR	20,971	—	—
SHOP A	7,650	—	—
SHOP B	5,738	—	—
LEAN-TO CENTRAL STEAM	890	21,861	35,249

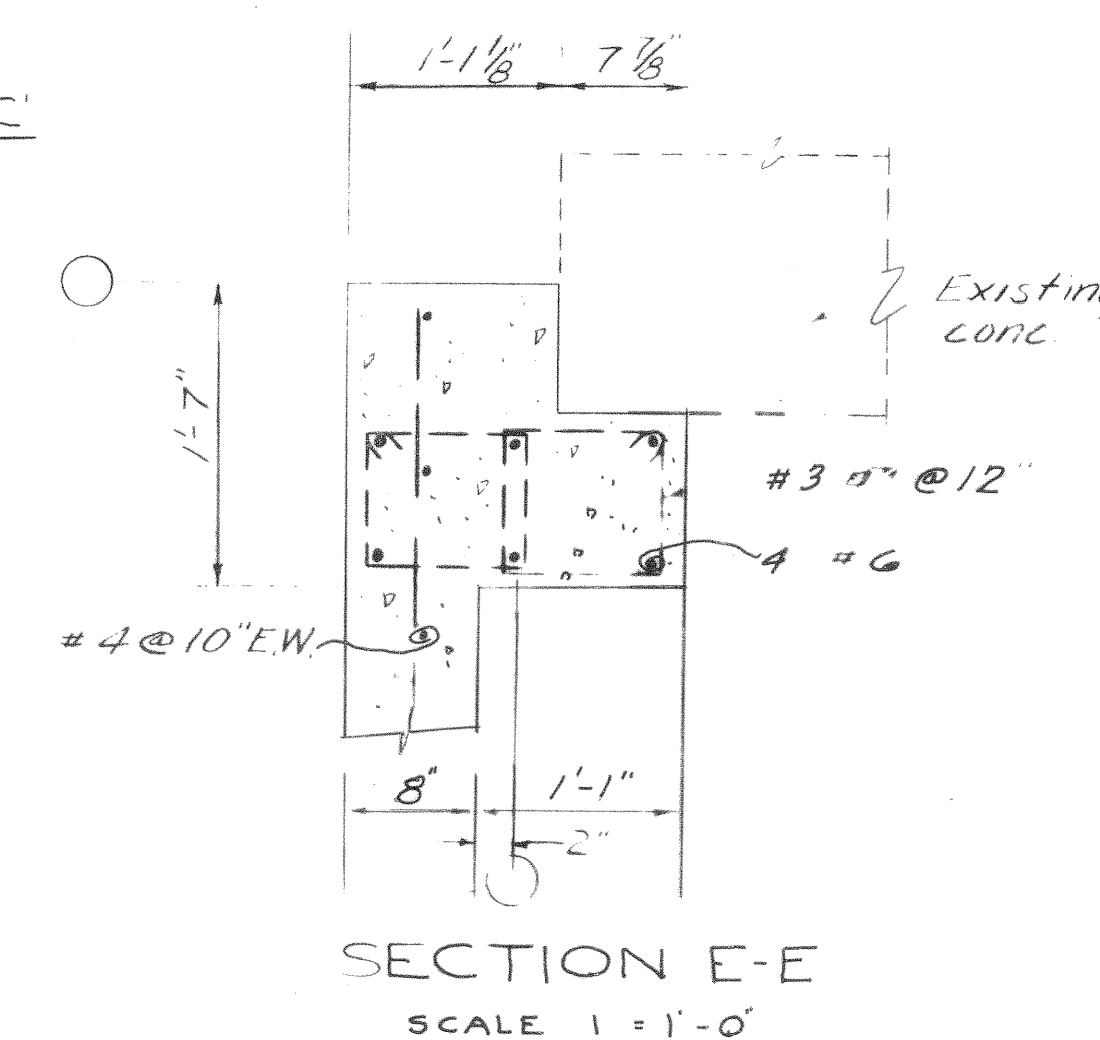
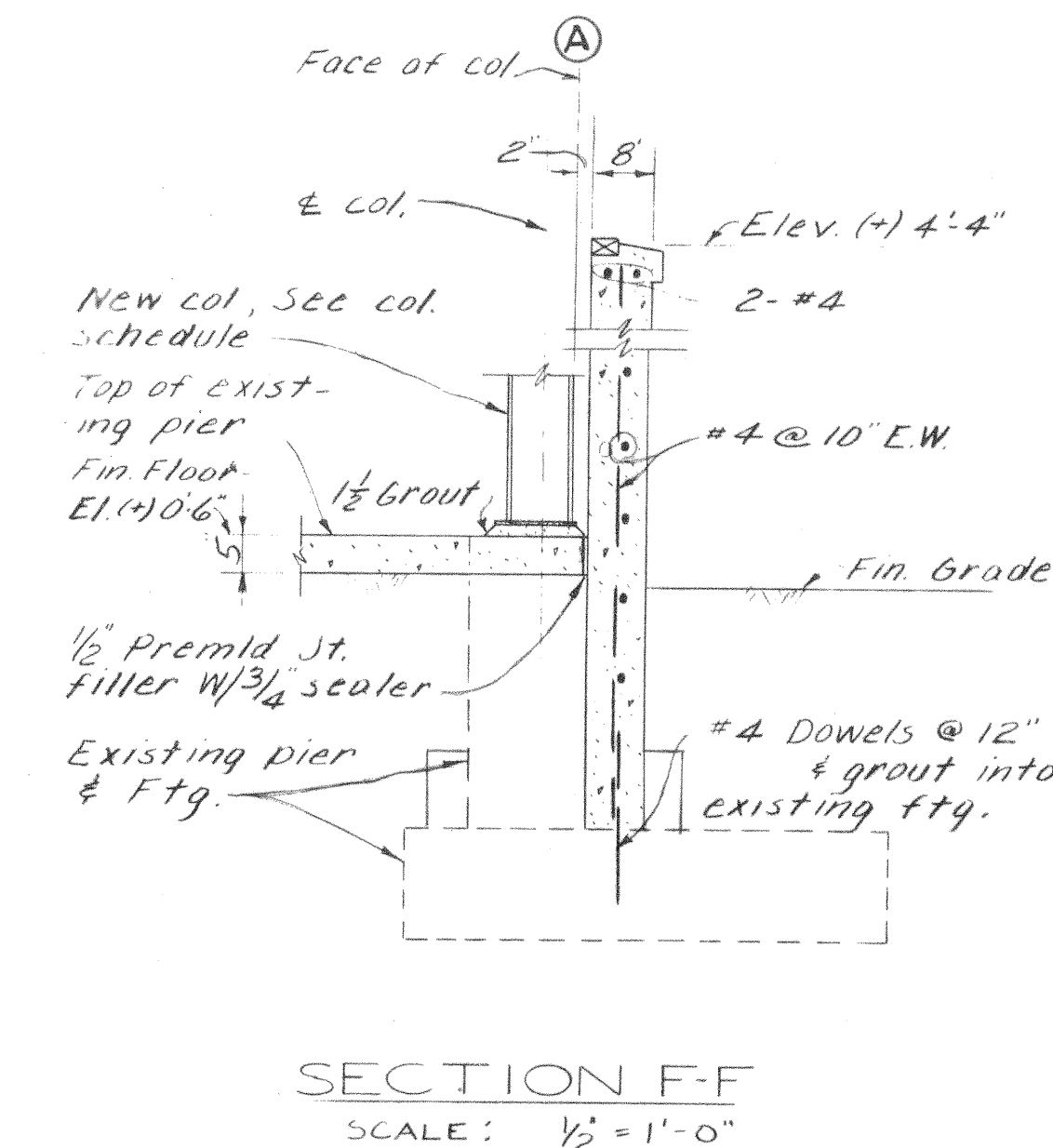
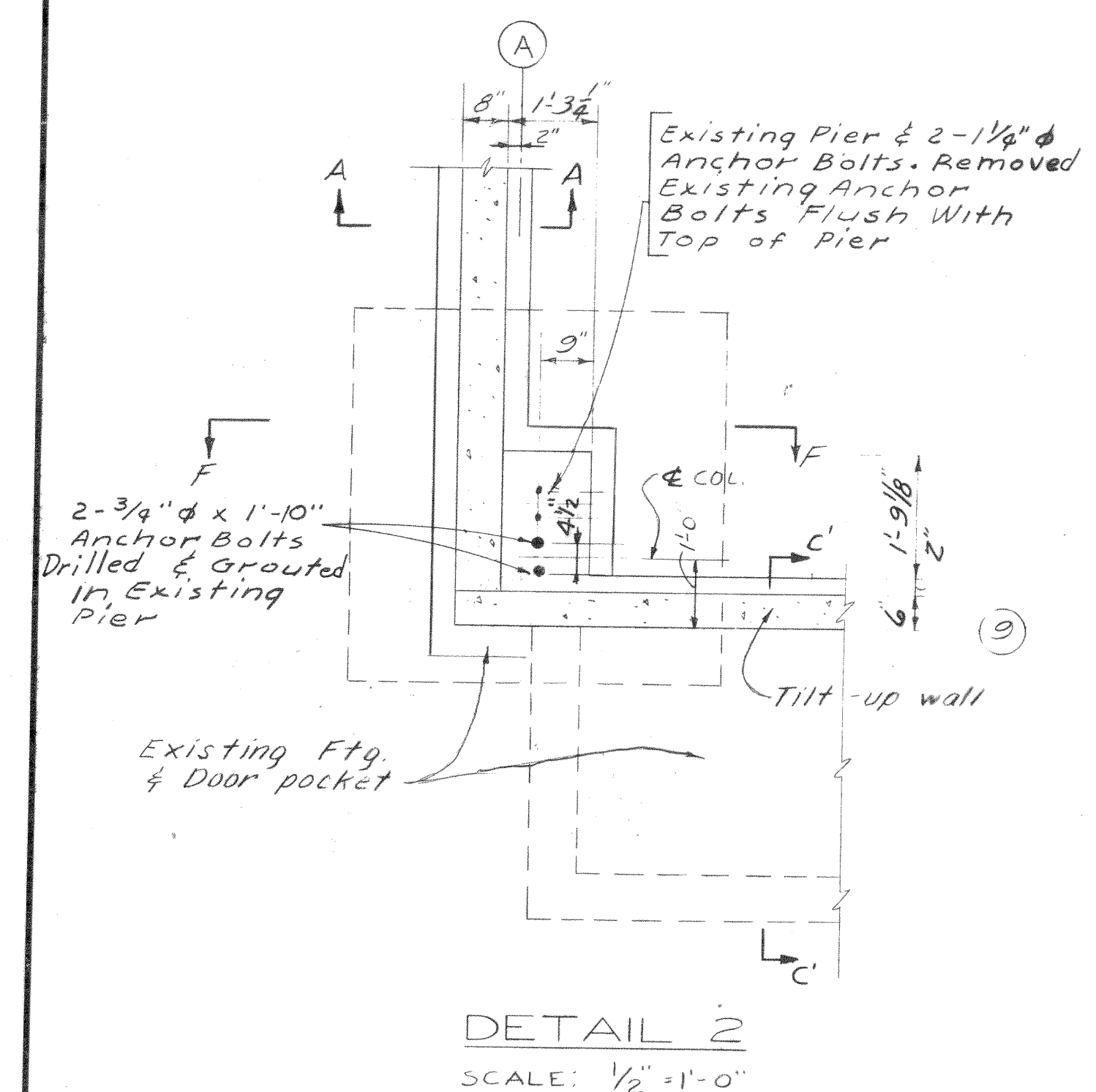
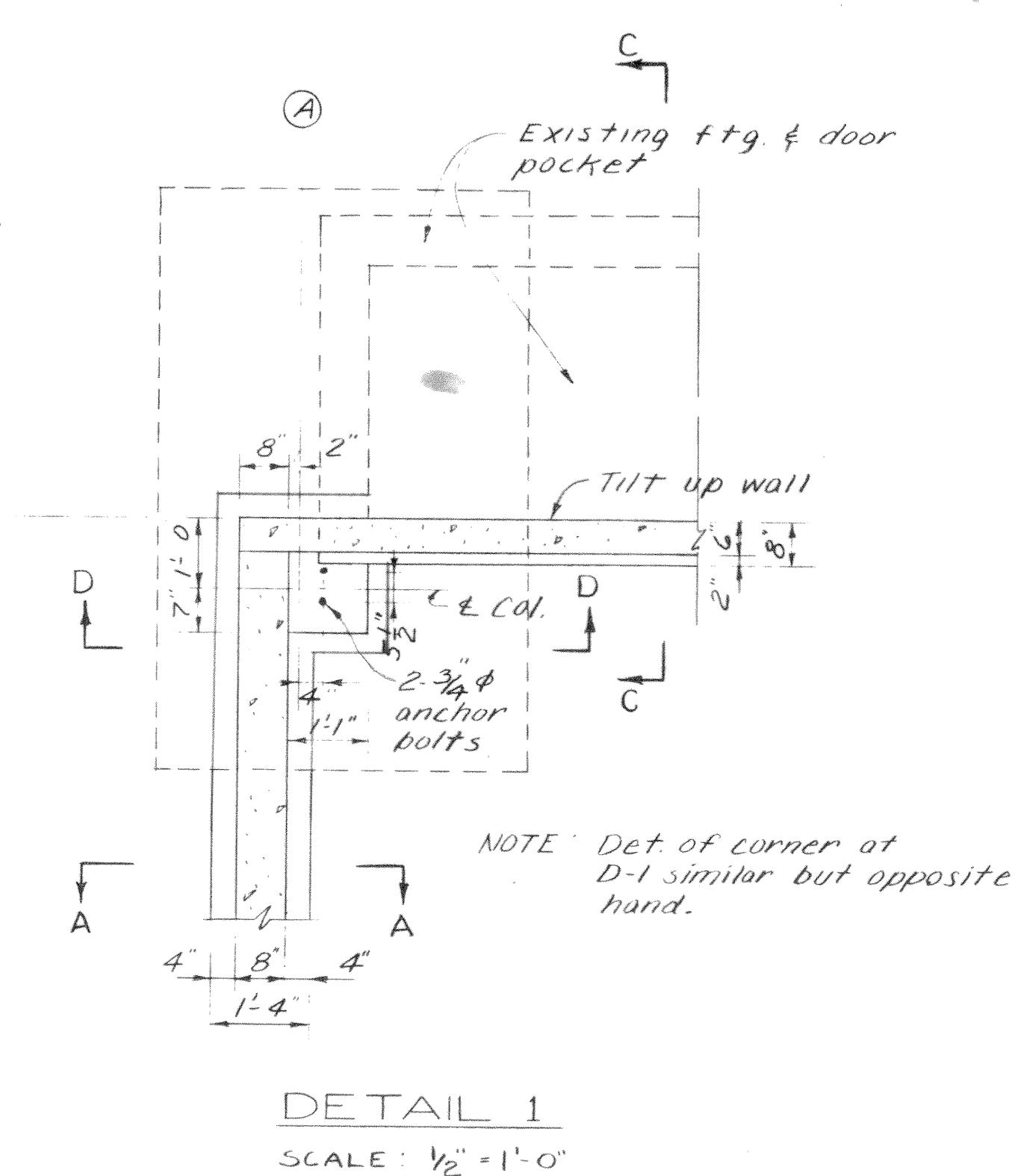
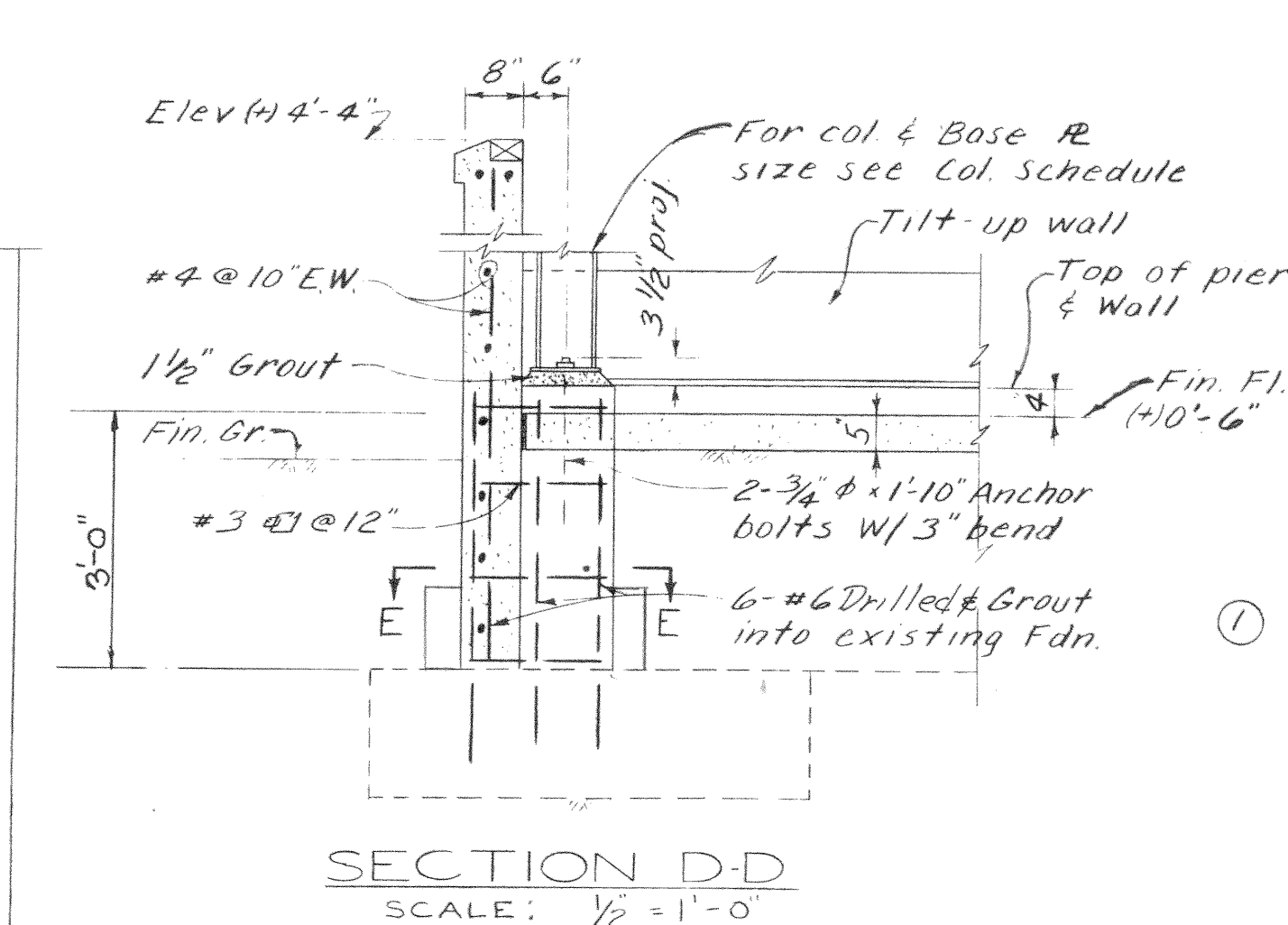
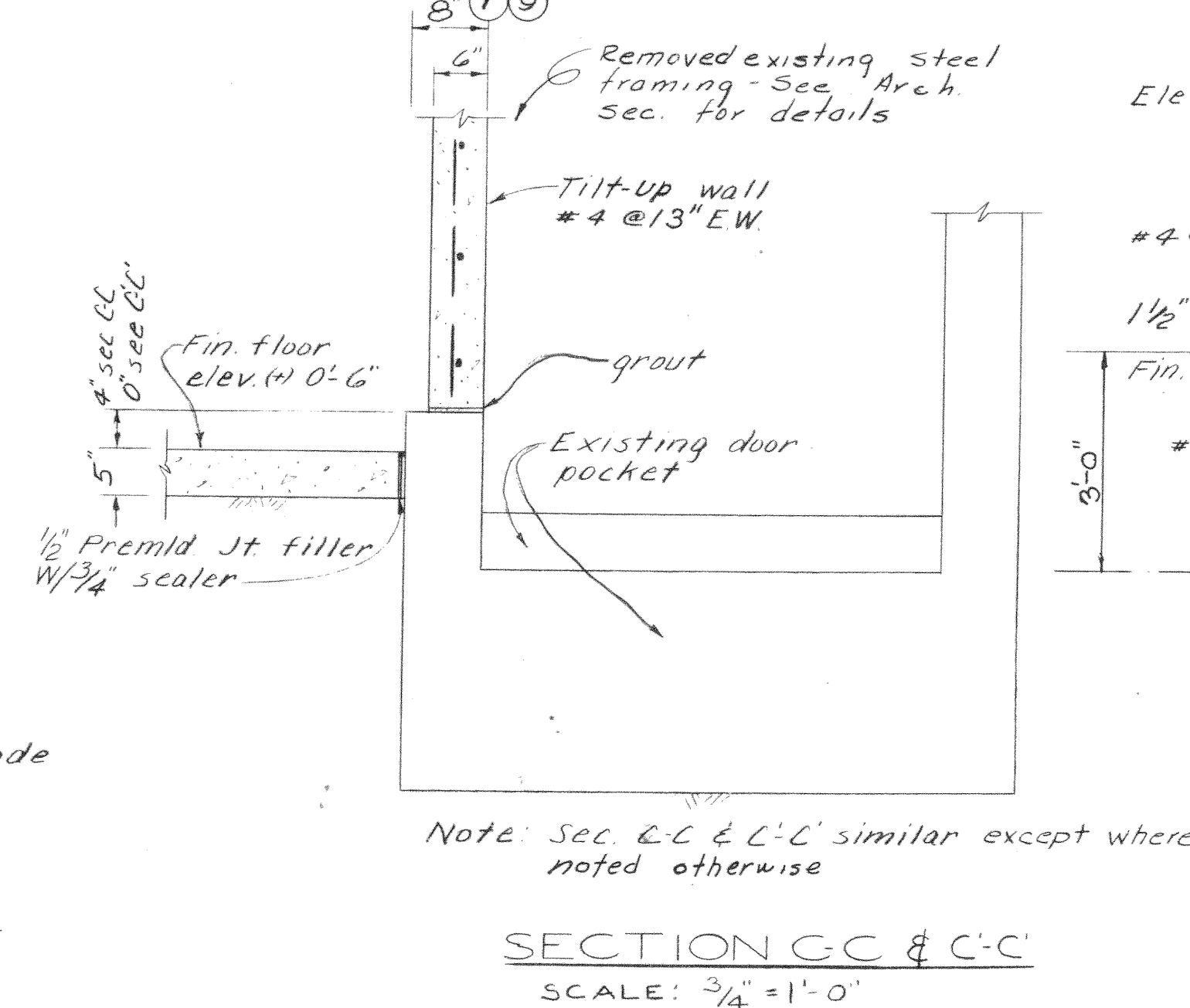
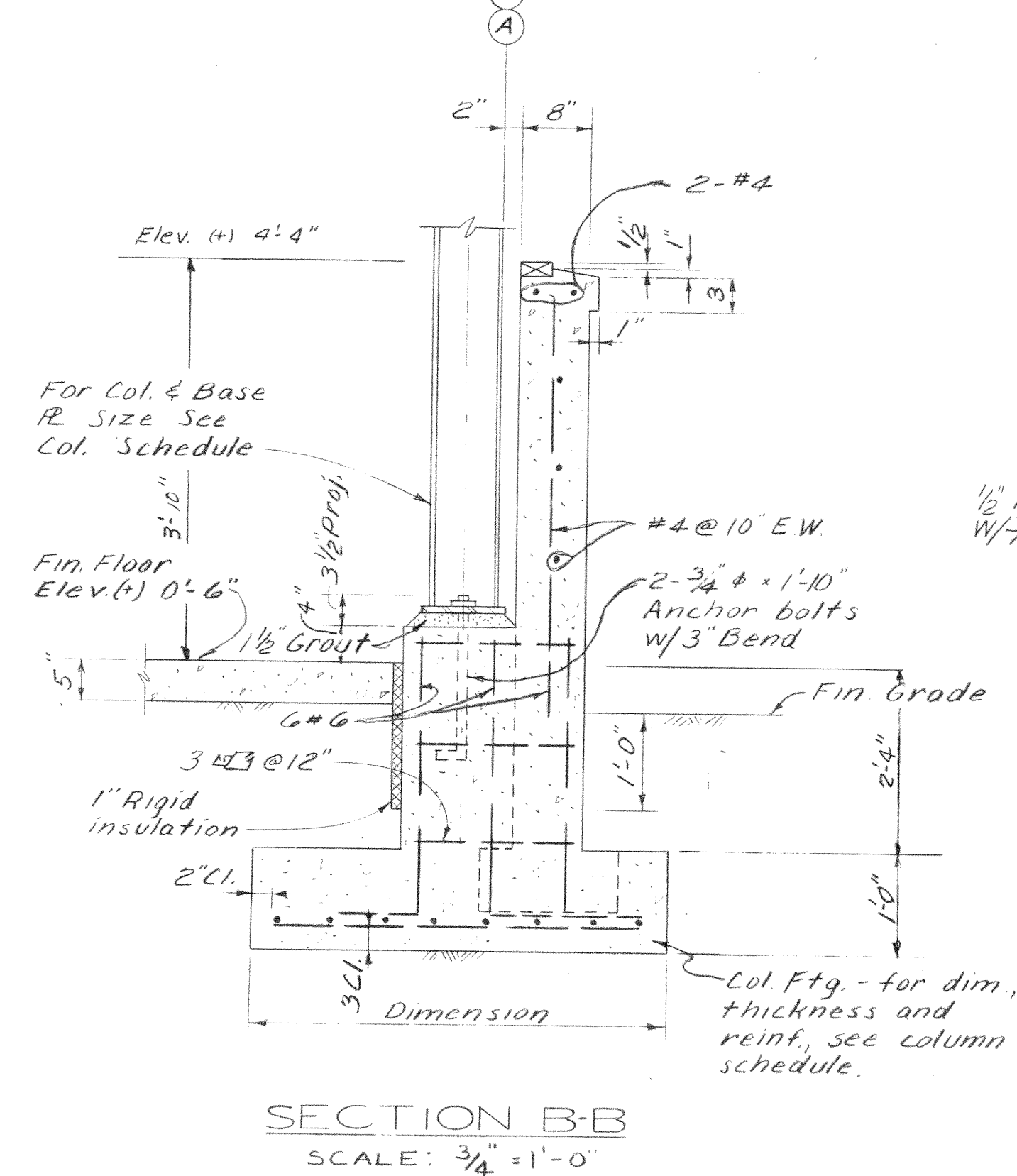
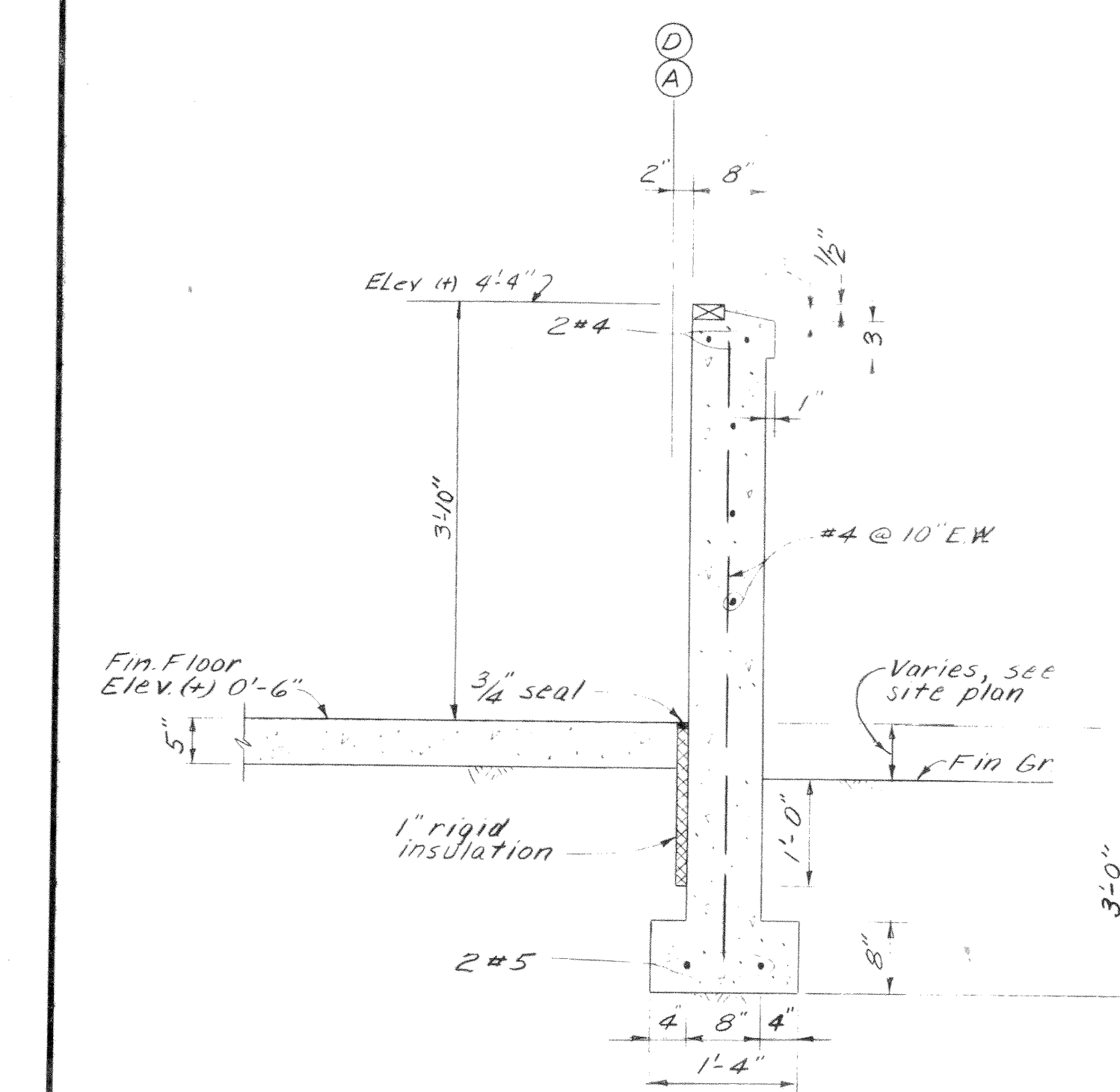
DESIGNED:		B-E-C-K - RABER-KIEF CONSTRUCTION CONTRACTORS		U.S. ARMY ENGINEER DISTRICT, ALASKA CORPS OF ENGINEERS OFFICE OF THE RESIDENT ENGINEER ANCHORAGE, ALASKA	
DRAWN:		CHECKED:		APPROVED: <i>Jack E. Haygood</i> 14/61	
TRACED:		SUBMITTED:		DATE: 9 Jan 1967	
RECOMMENDED:		CHIEF SECTION		SCALE: AS NOTED	
APPROVED:		PRIME CONTRACTOR		SPEC. NO.	
DATE: 9 Jan 1967		AS-BLT		DRAWING NUMBER 39-01-70	
		SHEET 2		OF 30	

CORPS

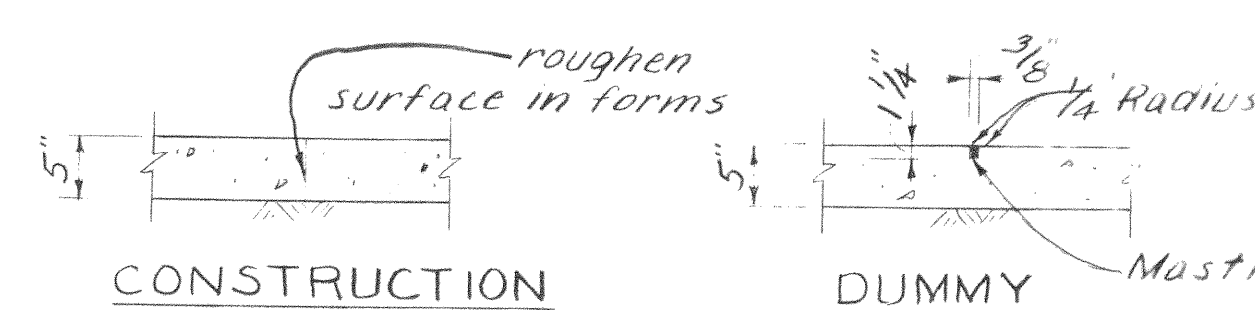
EASI FILE CORP IRVING CA HANGER EFW36

SHOP ADD. TO HANGER

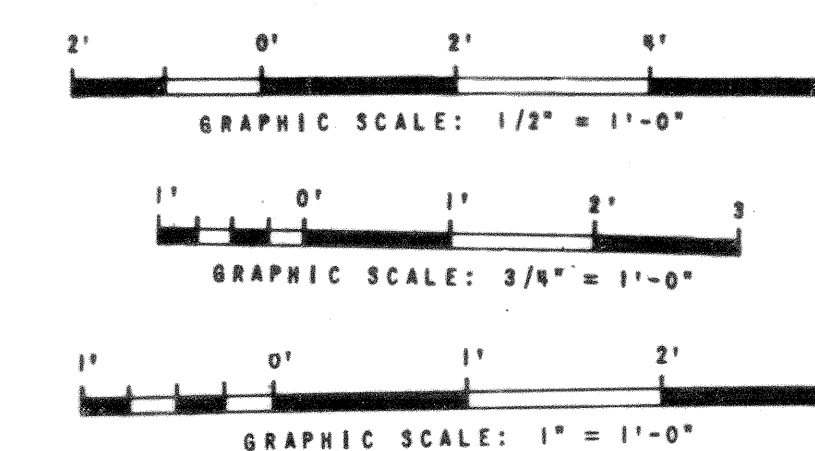
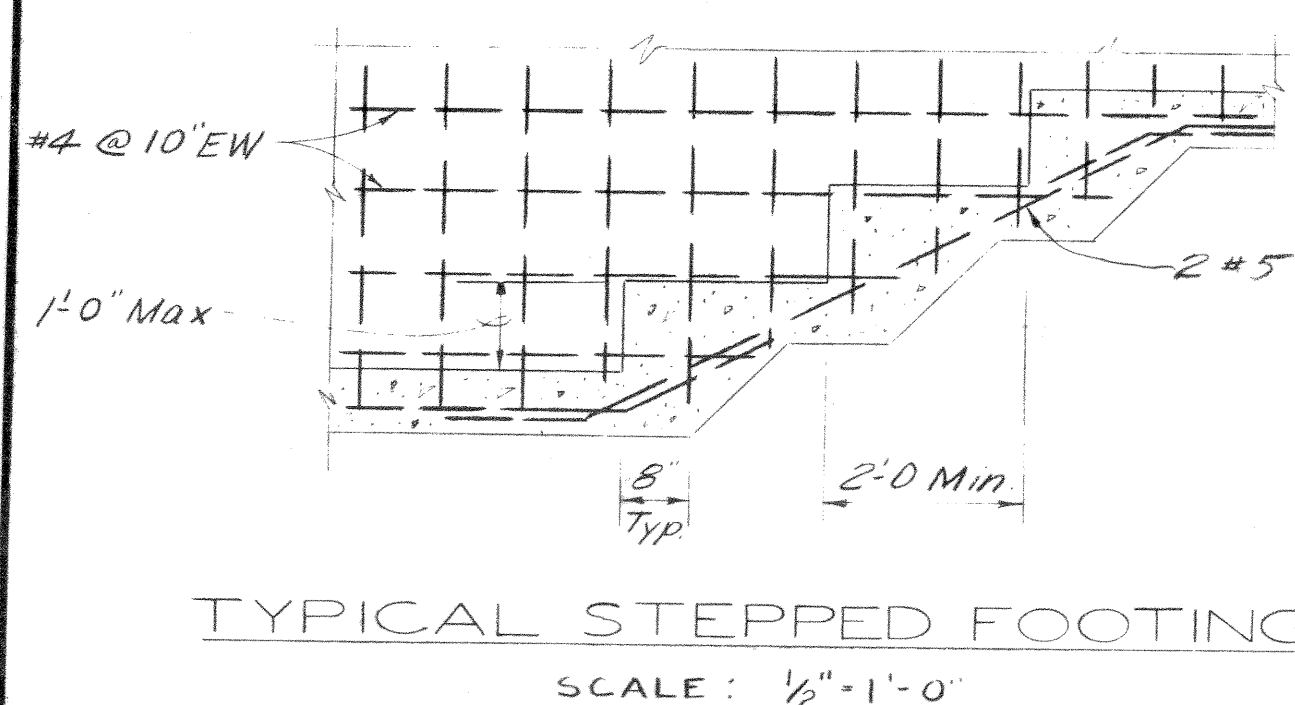
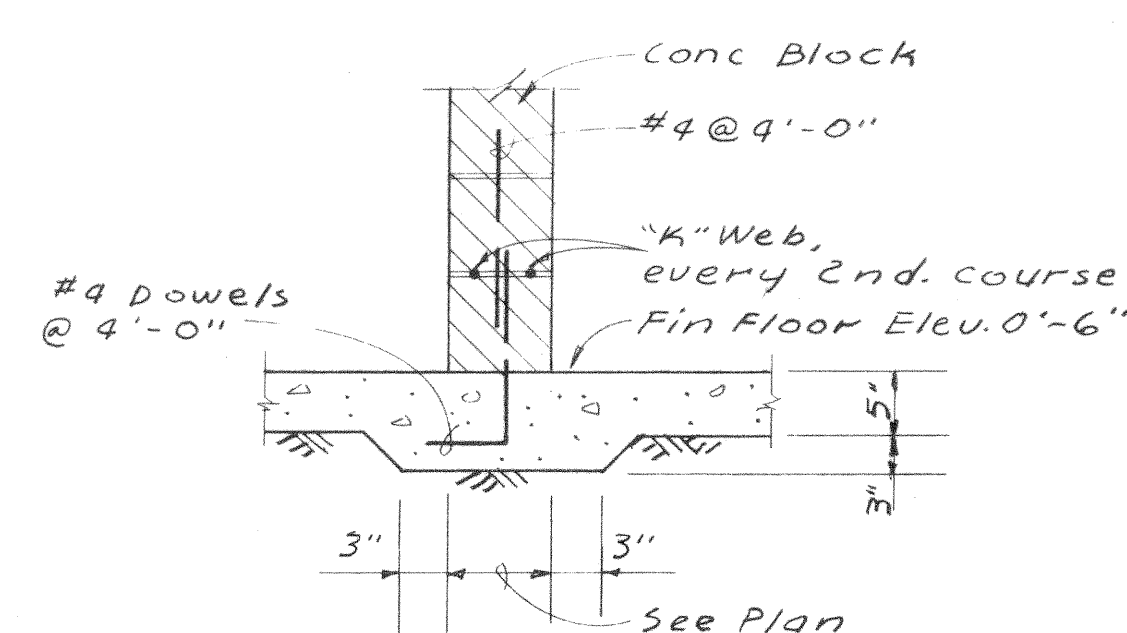
S2-B-39-01-45 47430-12 FOUND., SECT., & DET'S



THIS DRAWING SHOWS AS-BUILT CONSTRUCTION



TYPICAL CONTRACTION JOINT DETAIL
NO SCALE

[illegible]

LEASE COMPANY, INC.
CONSTRUCTION CONTRACTOR
SEATTLE WASHINGTON

U S ARMY ENGINEER DISTRICT ALASKA
CORPS OF ENGINEERS
OFFICE OF THE RESIDENT ENGINEER
FORT RICHARDSON, ALASKA

FT. RICHARDSON, ALASKA
ARMY AVIATION FACILITIES
SHOP ADDITIONS TO HANGAR
STRUCTURAL

FOUNDATION SECTIONS & DETAILS

RECOMMENDED:	APPROVED:	DATE:
<i>Goodman</i> PRIME CONTRACTOR	<i>J. E. Manning</i> REGISTERED ENGINEER	16 Aug '65
APPROVED:	SCALE:	SPEC. NO.
-----	AS-BLT	DRAWING NUMBER
DATE	SHEET 8	39-01-45
	OF 15	

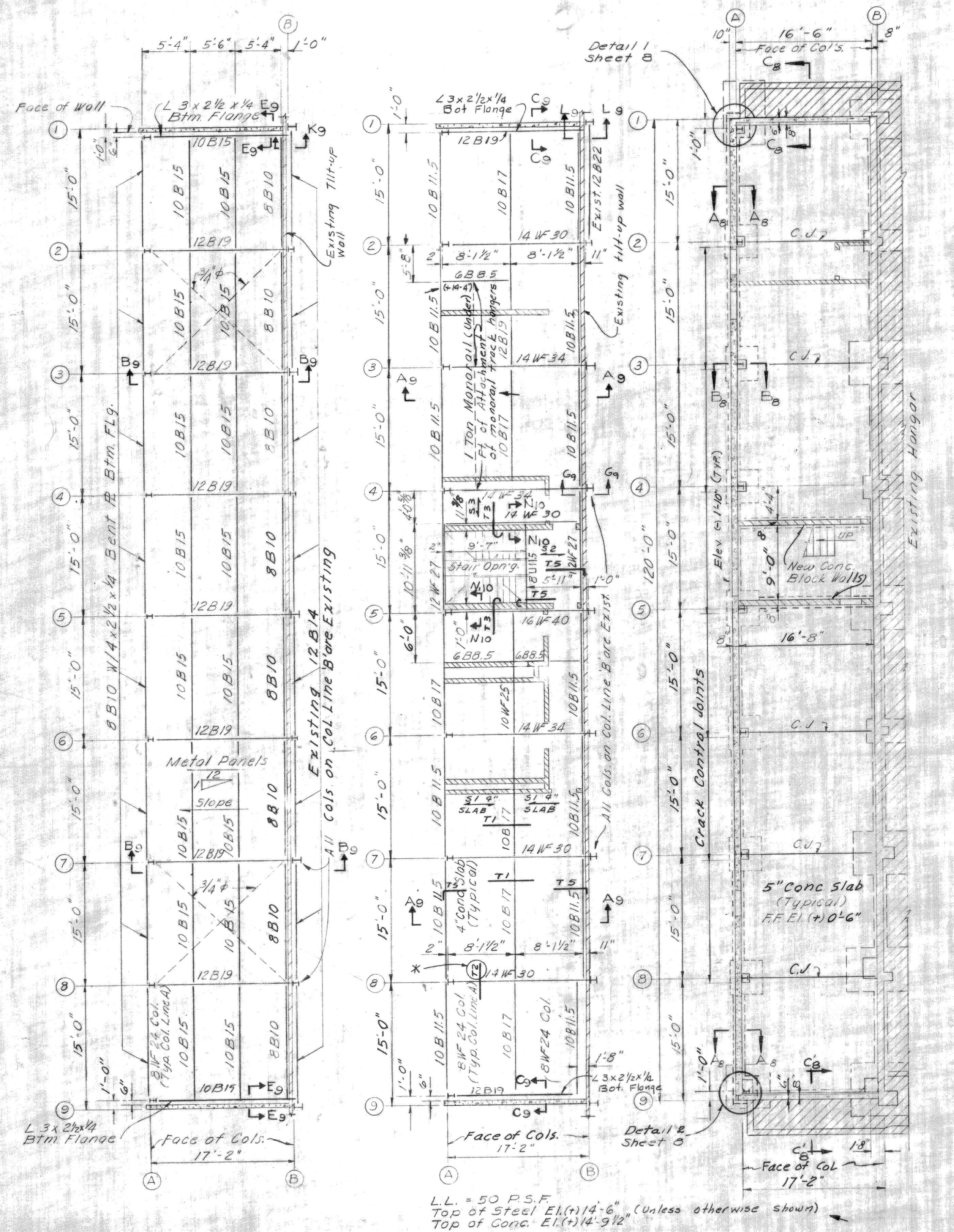
SHOP ADD. TO HANGER -
SHOP AB
B
S1 - 71

39-01-45	97430-12
----------	----------

FOUND. & FRAM. PLAN

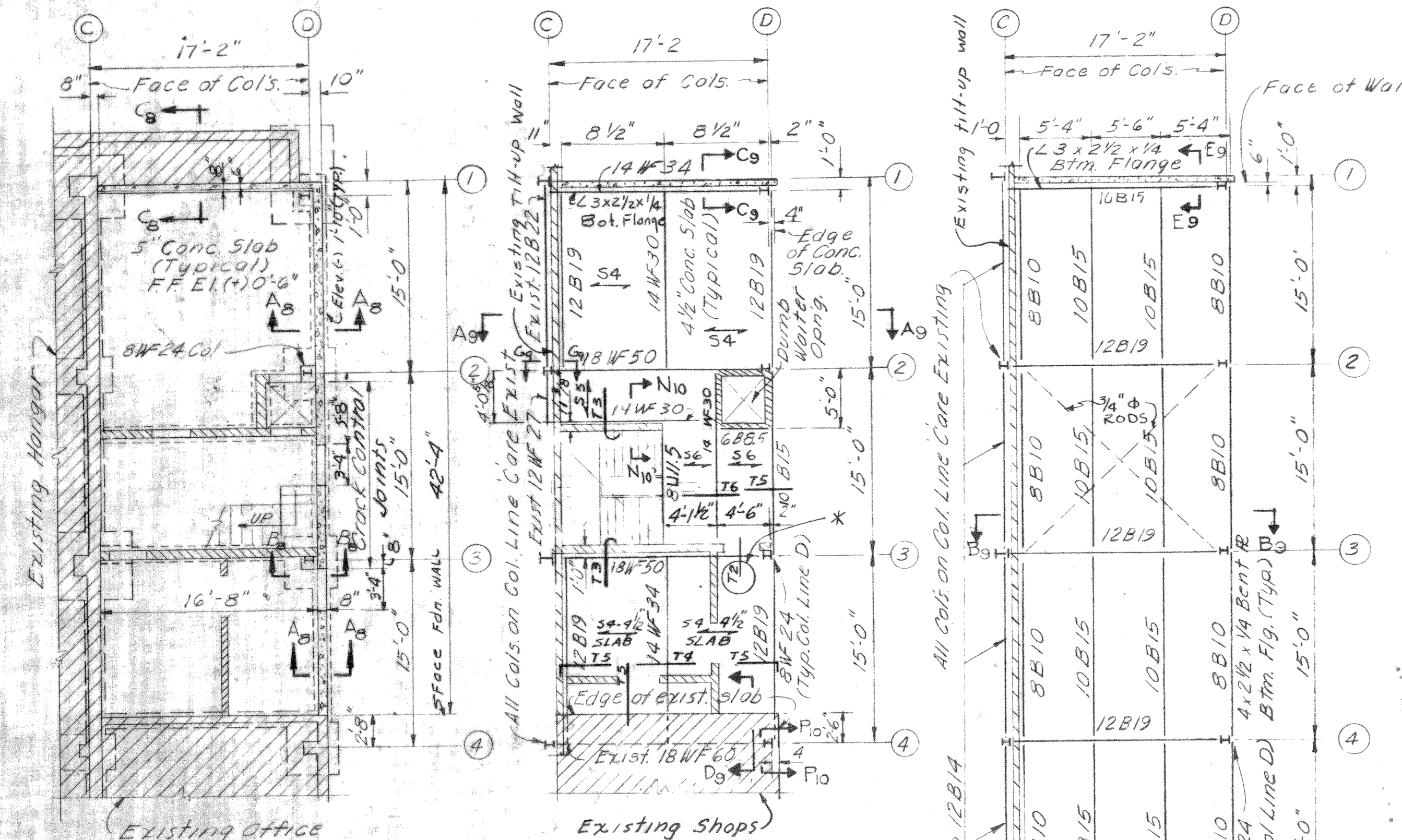
DATE: 01/10/00 DRAWN: JJA
SCALE: 1/2"=1'-0"

CORPS



ROOF FRAMING PLAN 2ND FLOOR FRAMING PLAN 1ST FLOOR & FOUNDATION PLAN

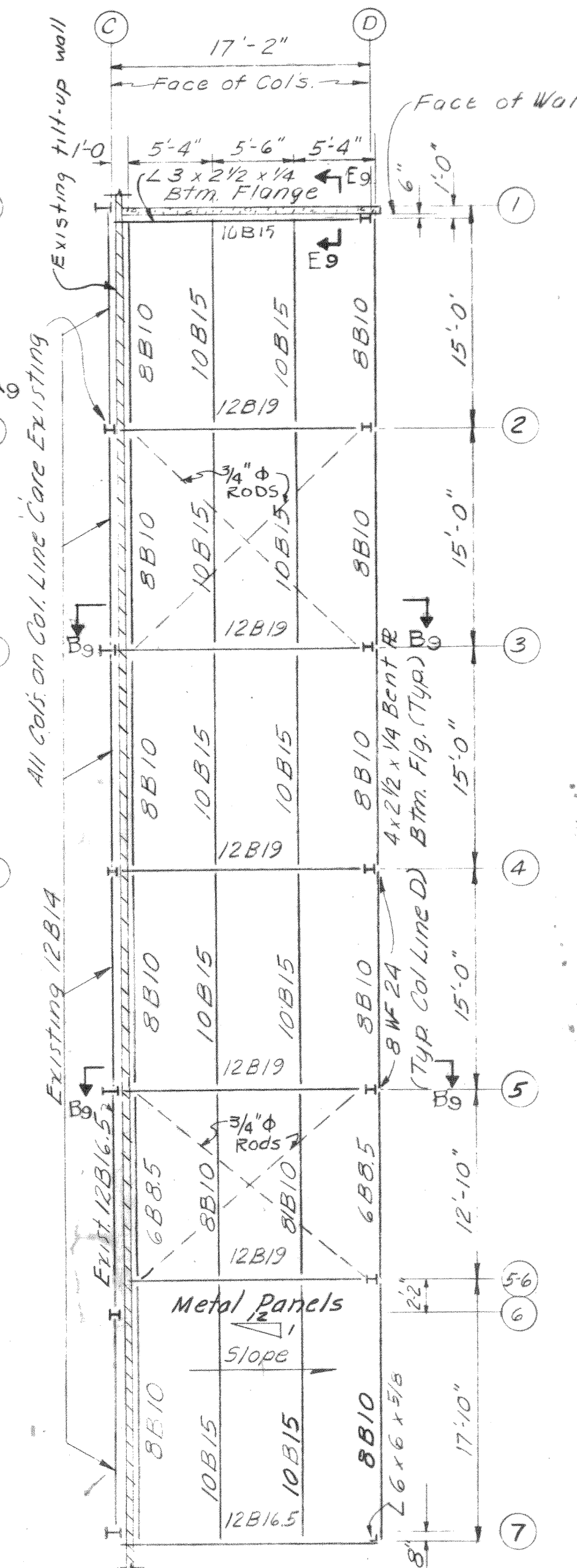
Note: * These bars are placed over all beams parallel to main slab reinf.



1ST FLOOR & FOUNDATION PLAN 2ND FLOOR FRAMING PLAN

Note: For stair framing detail see Arch. plan
* These bars are placed over all beams parallel
to main slab reinf.

SHOP B
SCALE: 1/8" = 1'-0"



ROOF FRAMING PLAN

- GENERAL NOTES
1. DESIGN LOADS:
ROOF LIVE LOAD = 40 PSF
FLOOR LIVE LOAD = SEE PLAN
WIND LOAD = 40 PSF (24 PSF PRESSURE, 16 PSF SUCTION)
SEISMIC ZONE III
 2. DESIGN STRESSES:
CONCRETE, f_c = 3,000 PSI SECOND FLOOR SLAB
 f_t = 2,500 PSI FOUNDATION & TILT-UP WALLS
REINF. STEEL, f_s = 20,000 PSI (INTERMEDIATE GRADE W/DEFORMATIONS CONFORMING TO ASTM A-305-BET)
STRUCTURAL STEEL, f_s = 20,000 PSI
SOIL BEARING = 5,000 PSF
 3. ALL REINFORCEMENT DETAILS ARE IN ACCORDANCE WITH ACI DETAILING MANUAL 318-57. REINF. BARS TO LAP 24 BAR DIAMETER MINIMUM.
 4. ALL ELEVATIONS SHOWN ARE BASED ON LOW POINT OF HANGAR FLOOR = 0'-0".
 5. ALL FOOTING ELEVATIONS ARE TO TOP OF FOOTING.
 6. CONCRETE PROTECTION FOR REINFORCEMENT IS AS FOLLOWS UNLESS OTHERWISE SHOWN:
SLAB = 3/4"
BEAMS = 1-1/2"
OUTSIDE WALLS = SEE SPECS.
INSIDE WALLS = 3/4"
FOOTINGS:
BOTTOM = 3"
SIDES = 2"
 7. SUBSCRIPT ON SECTIONS INDICATE SHEET WHERE SECTION IS SHOWN.
 8. TILT-UP WALLS ARE 6" THICK AND REINFORCED WITH #4 @ 13" EACH WAY PLACED IN THE CENTER OF WALLS.
 9. FOR LOCATION OF FLOOR DRAINS SEE ARCHITECTURAL PLANS. FLOORS SLOPE TO DRAINS AS SHOWN ON ARCHITECTURAL PLANS.
 10. CONCRETE BLOCK WALLS ARE REINFORCED AS FOLLOWS:
#4 VERTICAL BARS AT 4'-0" CENTERS IN CONCRETE FILLED CELLS.
DOVELS OF SAME SIZE AND SPACING ARE PROVIDED AT FOUNDATION.
"X" WEB HORIZONTALLY IN EVERY SECOND COURSE. PROVIDED
1-#4 VERTICAL BAR IN CONCRETE FILLED CELL ON EACH SIDE OF OPENING.
PROVIDE BOND BEAMS WITH 1-#5 TOP AND BOTTOM IN COURSE BELOW SILL
OF WINDOW OPENINGS AND AT ONE COURSE BELOW TOP OF BLOCK WALL.
 11. CONCRETE BEAM MASONRY UNITS ARE PROVIDED AT ALL OPENINGS IN MASONRY WALLS WITH 6" OF BEARING ON EACH SIDE OF OPENING. THE LINTELS ARE PROVIDED AS FOLLOWS:
ALL OPENINGS EXCEPT PRECAST LINTELS - 8" DEEP LINTEL WITH 2-#5 TOP AND BOTTOM.
PRECAST LINTELS AS SHOWN ON ARCHITECTURAL DRAWINGS. SEE SHEET NO. 11 FOR PRECAST LINTEL DETAILS.
 12. ALL STRUCTURAL CONNECTIONS WERE MADE WITH AISC STANDARD SERIES B CONNECTIONS UNLESS OTHERWISE SHOWN.
 13. METAL DIAPHRAGM HAS A FLAT TOP SURFACE. DEFLECTION OF DECK UNDER A TOTAL LOAD OF 50#/SQ.FT. ARE LIMITED TO 1/240 OF THE SPAN.
 14. FOR DOOR DETAILS AT EXISTING KNOCKOUT PANELS SEE ARCHITECTURAL DRAWINGS.
 15. C.J. DENOTES CONTRACTION JOINT.
 16. SHOP CONNECTIONS ARE WELDED OR RIVETED. FIELD CONNECTIONS ARE BOLTED WITH UNFINISHED BOLTS AND ALL BOLTS ARE OF SAME TYPE.
 17. SEE SHEET NO. 11 FOR REINFORCING SCHEDULE.

THIS DRAWING SHOWS AS-BUILT CONSTRUCTION

[illegible]