

TACOMA TERMINALS INC.

PORT COMMISSIONERS 1984

ROBERT G. EARLEY
JACK A. FABULICH
JOE E. FAKER
JOHN A. MCCARTHY
PATRICK O'MALLEY
BY

RICHARD DALE SMITH EXECUTIVE DIRECTOR
JOHN J. TERPSTRA PROJECT MANAGER

ARCHITECT

McGRANAHAN, MESSENGER ASSOCIATES
950 S. FAWCETT, SUITE 300
TACOMA, WA 98402 383-3084



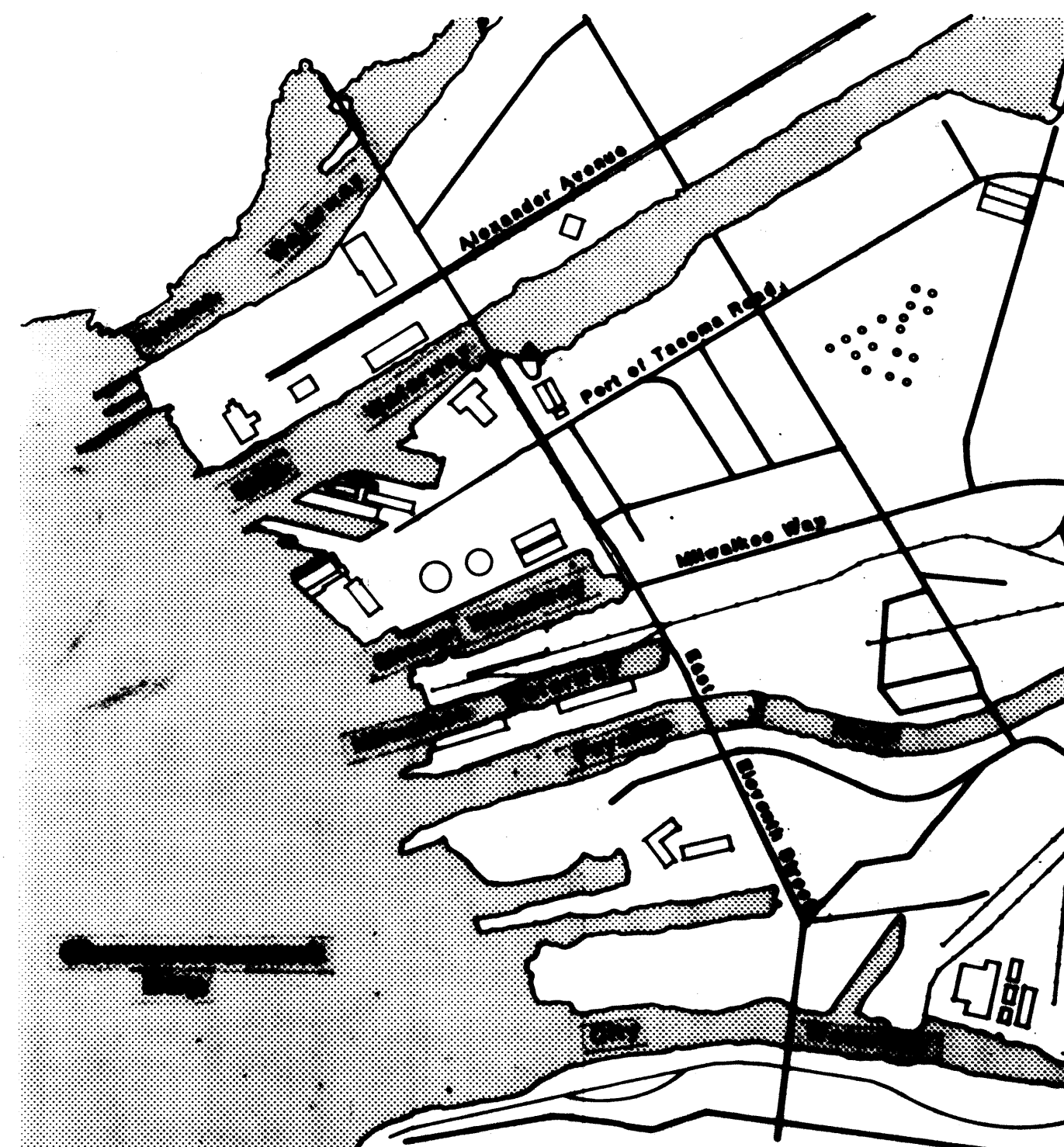
PORT OF TACOMA PHASE II

STRUCTURAL ENGINEER

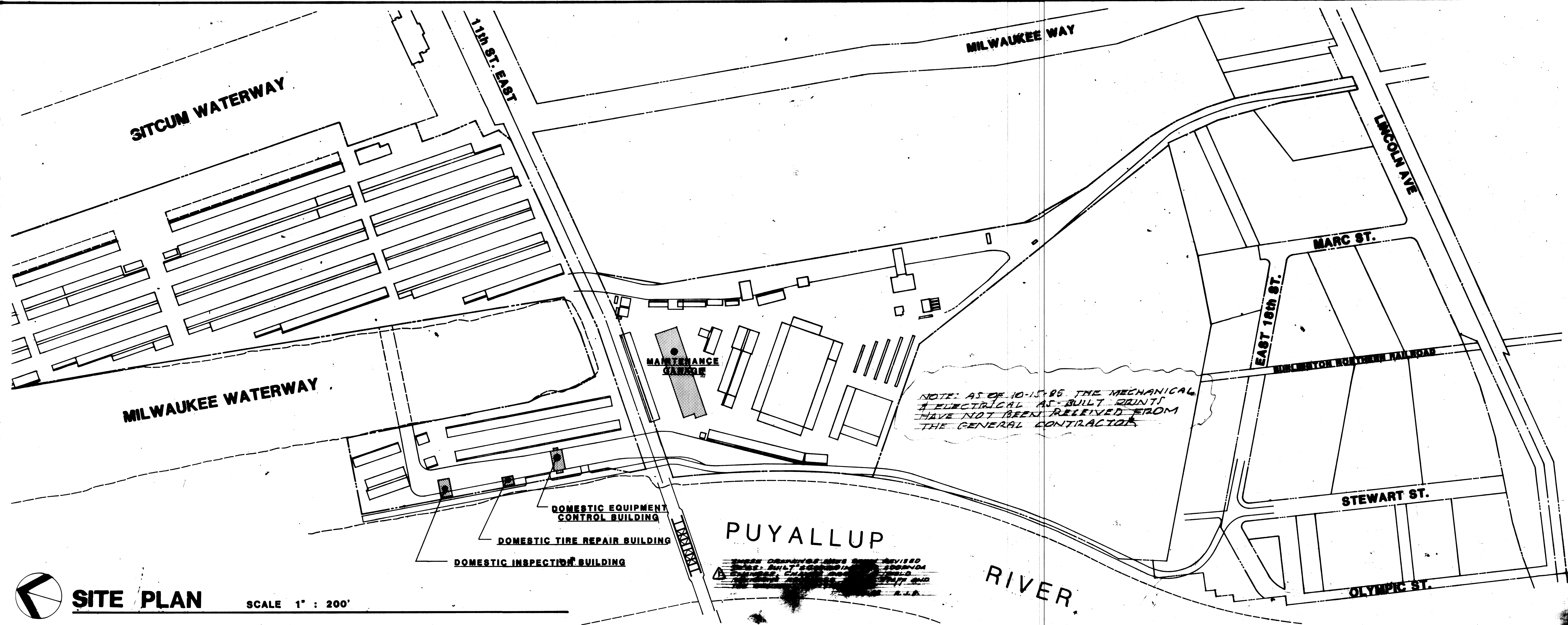
ADAMS-HODSDON ENGINEERS, INC.
5308 12th STREET EAST
TACOMA, WA 98424 922-1600

MECHANICAL/ELECTRICAL ENGINEER

TRES WEST ENGINEERS, INC.
2719 ROCHESTER STREET WEST, SUITE 2
TACOMA, WA 98466 565-6252



VICINITY MAP



SITE PLAN

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BUILDING CODE DATA

- GOVERNING BUILDING CODE: Uniform Building Code 1979
- FIRE ZONE: One
- TYPE OF ZONING: M-3
- TYPE OF CONSTRUCTION:

	Const	Occupancy	Sq. Ft. Areas
Maintenance Building	5N	B-2, H-4	1st 38,620 2nd 6,000 44,620
Domestic Control	5N	B-2, H-4	1st 5,111 2nd 1,911 7,022
Domestic Tire Inspection	5N	H-4	3,928
Domestic Tire Repair	5N	H-4	1,960
- TYPE OF FOUNDATION: Continuous and Spread Footings
- FIRE RESISTANCES REQUIRED: 1-Hour Between Occupancy
- TYPES OF HEATING AND AIR CONDITIONING:
 - Maintenance Building - Radiant, Tempered Air & Heat Pump
 - Domestic Control - Heat Pump
 - Domestic Inspection - Resistance Electric
 - Domestic Tire Repair - Resistance Electric
- DESIGN LOADS:
 - SEE DETAIL SHEET 17/1, PAR. 1.8, DESIGN CRITERIA, SUB A, FOR CALLOUTS
 - SEE DETAIL SHEET 17/2, PAR. 1.8, DESIGN CRITERIA, SUB A, FOR CALLOUTS
 - SEE DETAIL SHEET 17/2, PAR. 1.4, SOILS DATA FOR CALLOUTS
- EARTHQUAKE LOADS:
 - SEE DETAIL SHEET 17/2, PAR. 1.8, DESIGN CRITERIA, SUB A, FOR CALLOUTS
- EARTH WEIGHTS & PRESSURES:
 - SEE DETAIL SHEET 17/2, PAR. 1.4, SOILS DATA FOR CALLOUTS
- STRUCTURAL CONCEPT: Maintenance Building

Description Structural System, Maintenance Building

Vertical roof loads are carried by 8" cold formed purlins, pre-engineered, 3 legged, rigid frames and spread footings. Second floor vertical loads are carried by 12" Spandeck, tilt-up concrete walls and continuous wall footings. All exterior load bearing and non-load bearing wall elements are tilt-up concrete.

Lateral loads in the north-south direction are transferred from the concrete panels to wide flange eave girts to rigid frames to foundations. Lateral thrust at the frame bases is resisted by the floor slab.

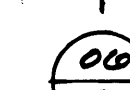
Lateral loads in the east-west direction are transferred from the concrete panels to drag ties in the roof. Drag ties carry the load to "X" braced horizontal trussing which distributes the load to the eave girts. Eave girts transfer load to concrete walls which transfer loads to foundation. Overturning is resisted by dead weight of walls.

FOUNDATIONS: Per Attached Report

KEY TO SYMBOLS

 BUILDING SECTION

 WALL SECTION

 DIVISION NUMBER
 DETAIL
 SHEET NUMBER BOUND IN MANUAL

 DOOR NUMBER
 DOOR HARDWARE GROUP
 FRAME TYPE

 ROOM NUMBER

 ROOM FINISH NUMBER
 APPEARS WHERE A CHANGE OF MATERIAL OCCURS

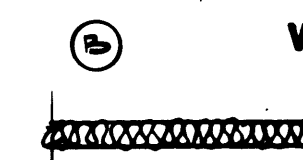
FINISH SCHEDULE BOX

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
000 0000	11	20	21/4	41

SCHEDULE NUMBER
 DOT INDICATES ADDITIONAL FINISHES

 CABINET SCHEDULE

 WINDOW BLIND LOCATION

 2X4 STUD WALL W/
SOUND BATTS

 STUD WALLS

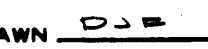
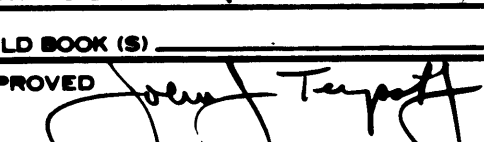
 CONCRETE WALL

 CONCRETE BLOCK WALLS

 FURRED CONCRETE
OR CONCRETE BLOCK WALL

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MESSENGER
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MARK	REVISION	BY	APP.	DATE

DRAWN 		DATE 1/24/84	
CHECKED	DATE	CHECKED	DATE
CHECKED	DATE	CHECKED	DATE
CONT. NO. 550		FIELD BOOK (S)	
APPROVED 		DATE 1/26/84	
PROJECT MANAGER		DATE	
CHIEF ENGINEER		DATE	

PORT OF TACOMA

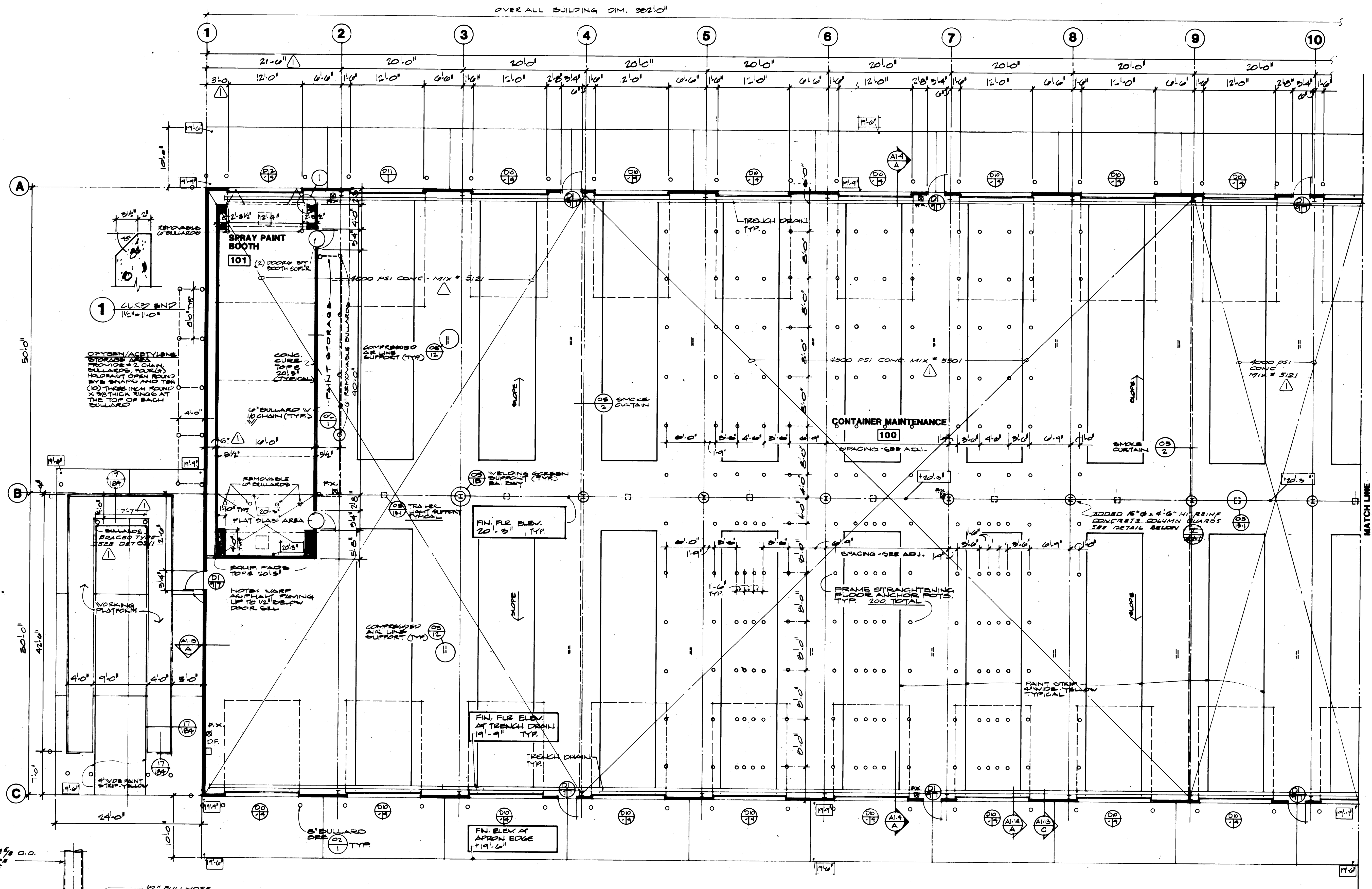
TACOMA TERMINALS, INC.

INDEX OF DRAWINGS

CODE DATA

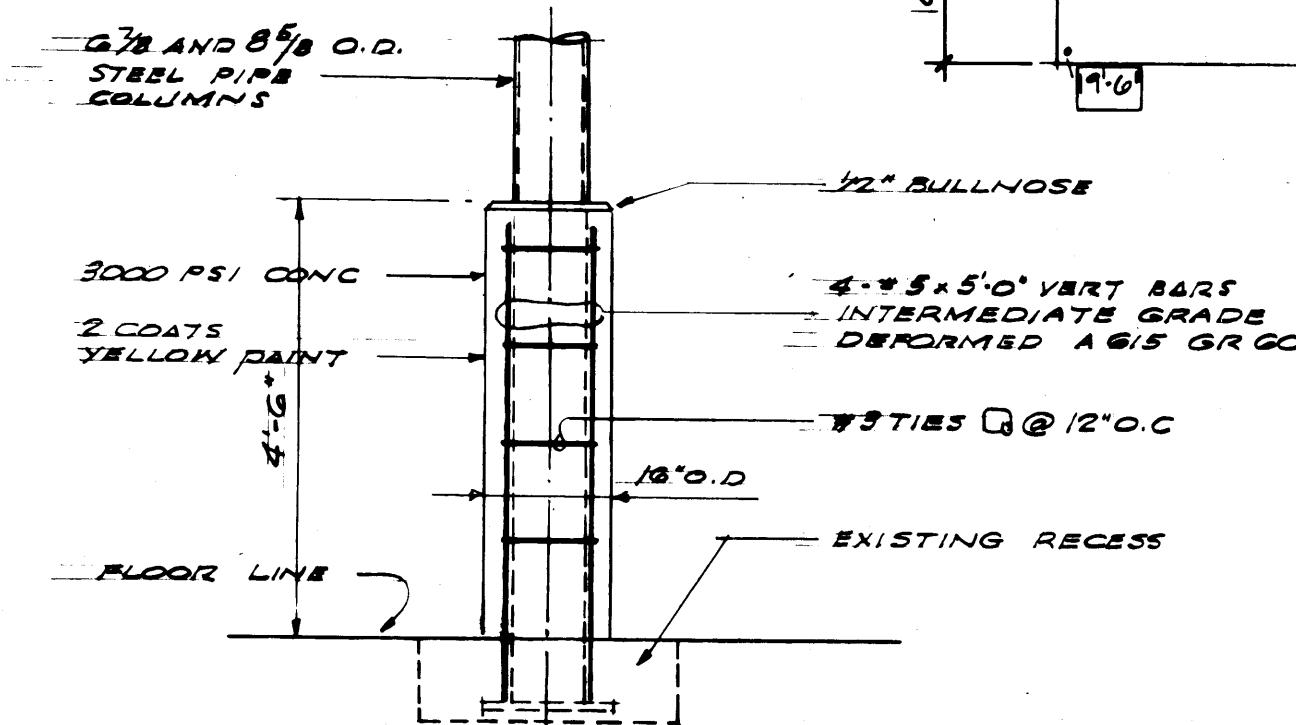
KEY TO SYMBOLS

DRAWING NO. EP-3878-23	SHEET A1	OF 1
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FIRST FLOOR PLAN - WEST SECTION

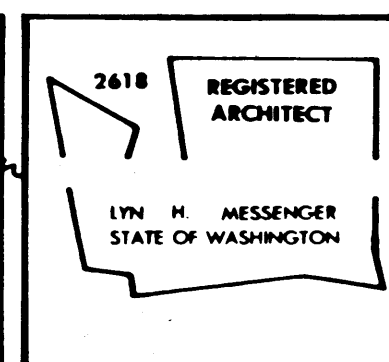
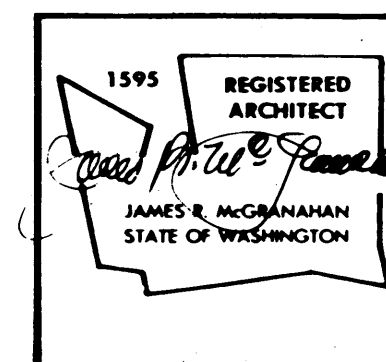
SCALE 1/8"=1'-0"



COLUMN GUARD DETAIL
SCALE 1/2"=1'-0"
GUARDS OCCUR AT COLUMNS B-2, B-3, B-17, B-18

**MCGRAHAM,
MESSENGER
ASSOCIATES**

ARCHITECTURE / PLANNING / INTERIORS



DRAWN BY
DATE 9/24/84
CHECKED
DATE
CHECKED
DATE
CONT. NO. 330

PORT OF TACOMA TACOMA TERMINALS, INC. FIRST FLOOR PLAN WEST SECTION

FIELD BOOK (S)

APPROVED

PROJECT MANAGER

CHIEF ENGINEER

DATE 9/26/84

DATE

DATE

SCALE 1/8"=1'-0"

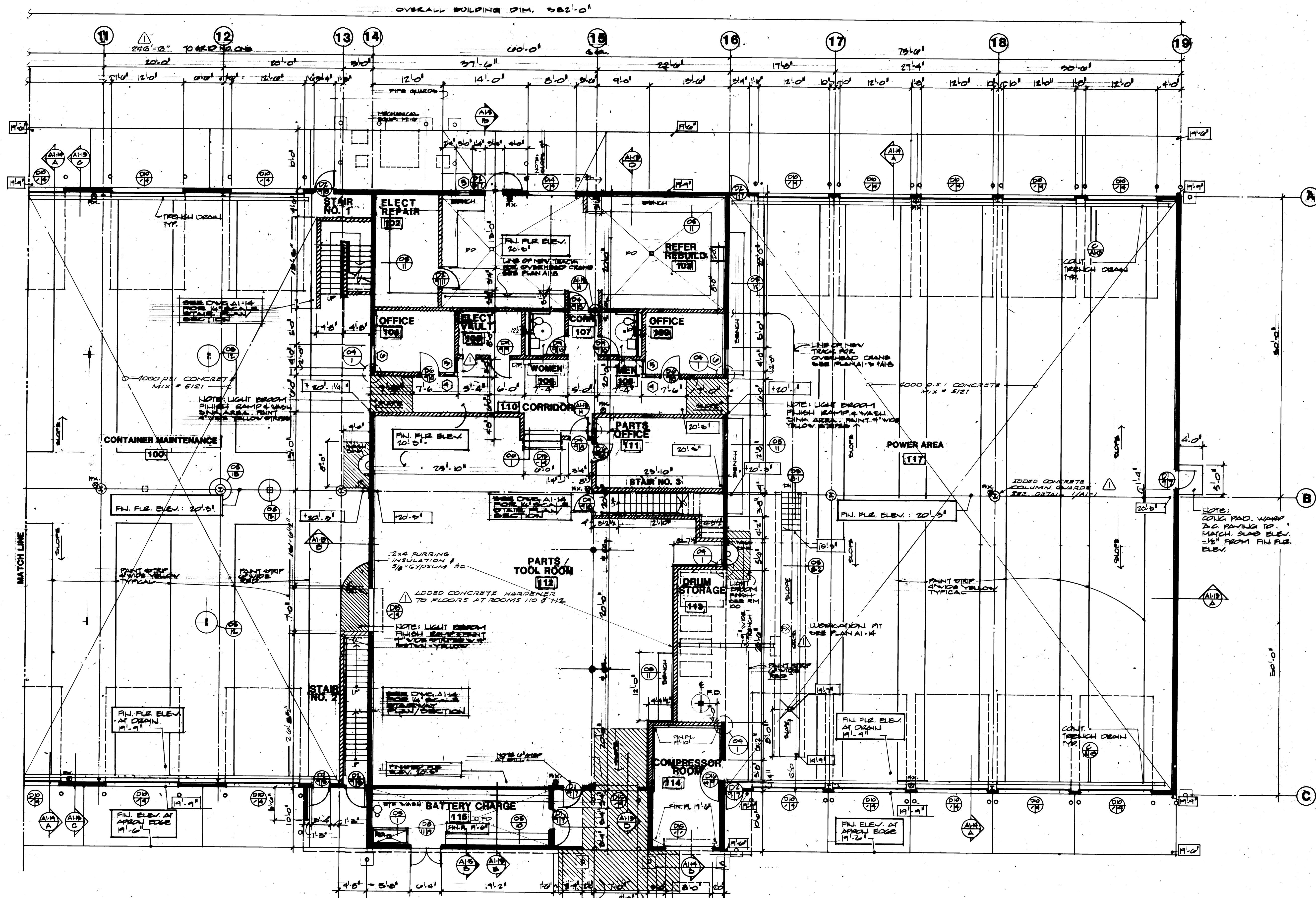
DRAWING NO.

EP-3878-23

6-A1-1

SHEET 1-1 OF 14

MARK	REVISION	BY	APP.	DATE
	REVISED TO AS BUILT	RJS		9-28-84



NORTH
FIRST FLOOR PLAN - EAST SECTION
 SCALE 1/8" = 1'-0"

**MCGRANAHAN,
 MESSENGER
 ASSOCIATES**
MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 1600 AVENUE D, SUITE 200, TACOMA, WA 98402 • (206) 383-3004

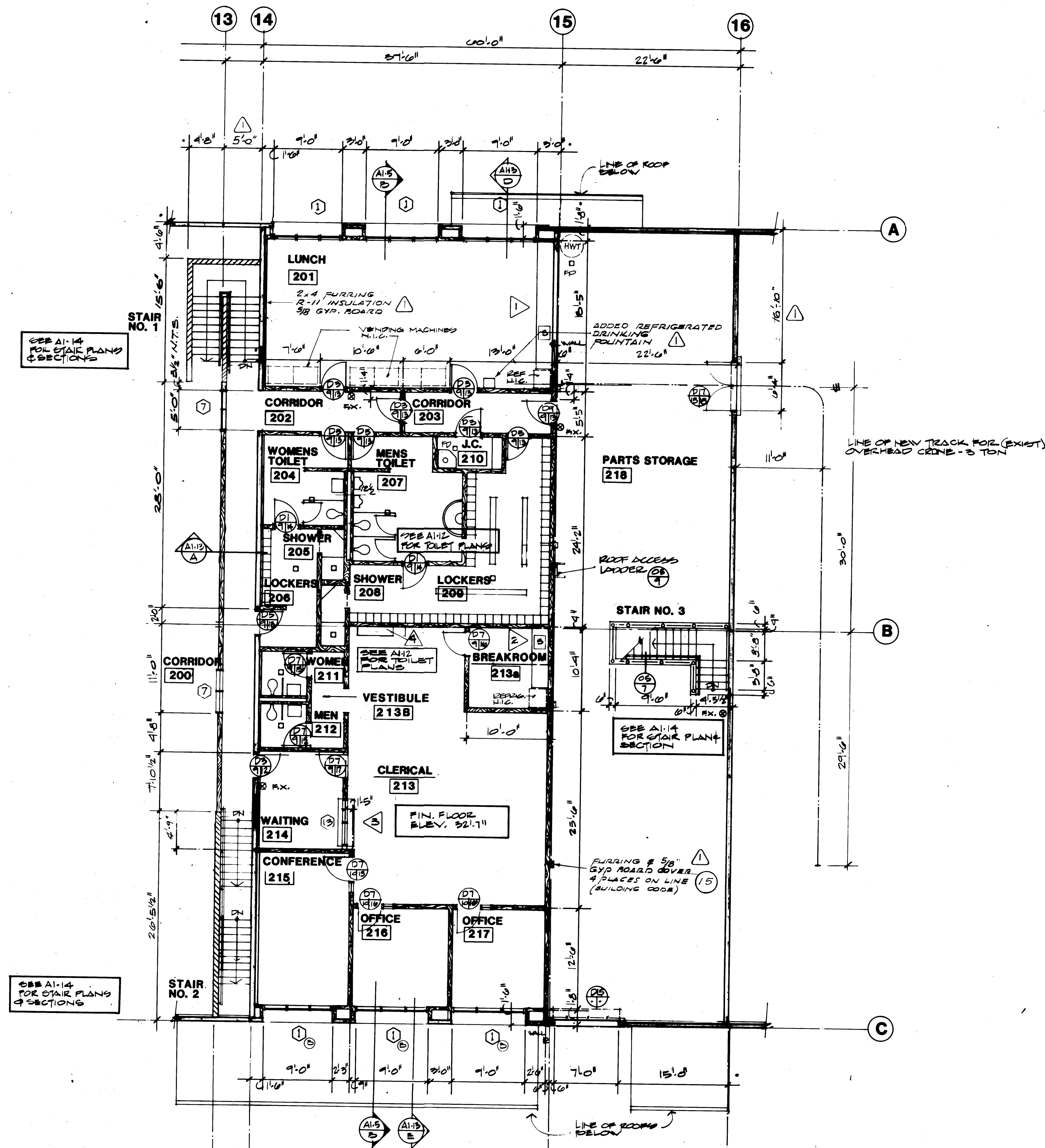
1995 REGISTERED ARCHITECT
 JAMES E. MCGRANAHAN
 STATE OF WASHINGTON

2018 REGISTERED ARCHITECT
 LYN H. MESSENGER
 STATE OF WASHINGTON

DRAWN: D.J.P.
 DATE: 1/24/04
 CHECKED:
 DATE:
 CHECKED:
 DATE:
 CONT. NO. 552

PORT OF TACOMA
TACOMA TERMINALS, INC.
FIRST FLOOR PLAN
EAST SECTION

REVISED TO AS-BUILT				R.J.J.		7-30-04	
MARK	REVISION	BY	APP.	DATE	DATE	DATE	DATE
APPROVED: <i>John J. Targett</i>				1/26/04		DATE	
PROJECT MANAGER				DATE		DATE	
CHIEF ENGINEER				DATE		DATE	
FIELD BOOK (S)				SCALE 1/8" = 1'-0"		DRAWING NO. EP-3878-23	
						6-A1-2	
						SHEET A1-2 OF 14	



SECOND FLOOR PLAN
SCALE 1/8"=1'-0"

1595 REGISTERED ARCHITECT
JAMES R. McGRANAHAN
STATE OF WASHINGTON

2618 REGISTERED ARCHITECT
LYN H. MESSENGER
STATE OF WASHINGTON

DRAWN: DJE
DATE: 1/29/84
CHECKED:
DATE:
CHECKED:
DATE:
CONT. NO. 559

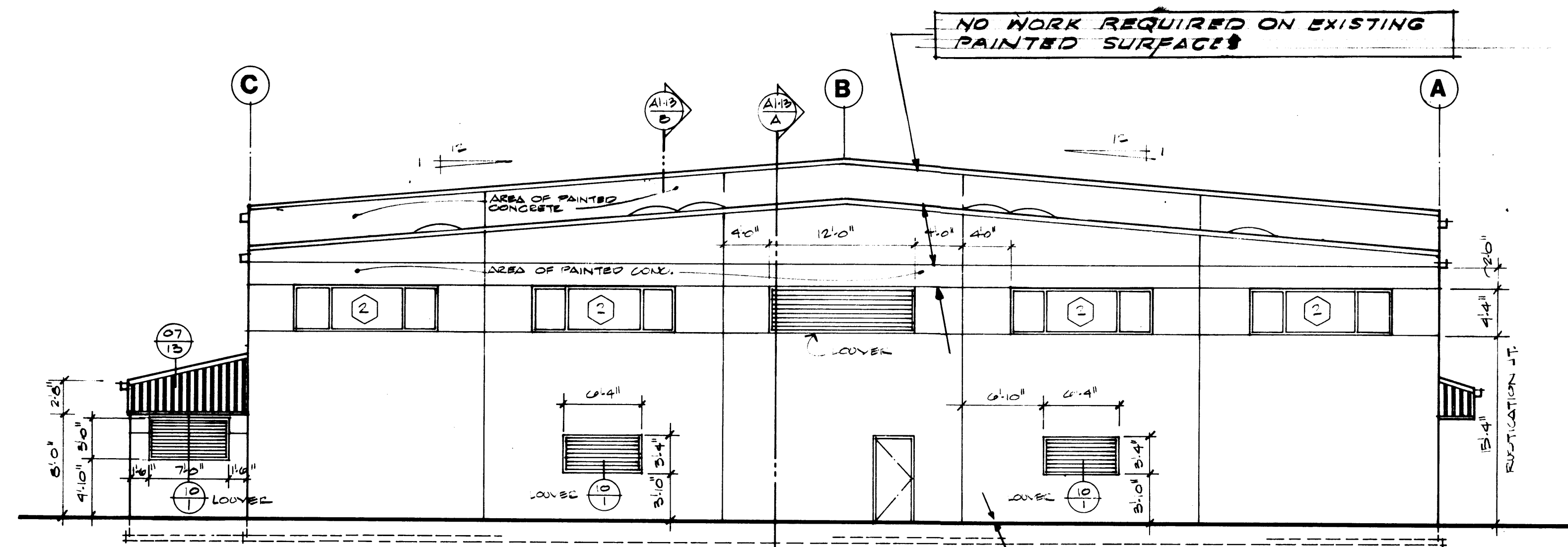
PORT OF TACOMA
TACOMA TERMINALS, INC.
SECOND FLOOR PLAN

McGRANAHAN, MESSENGER ASSOCIATES
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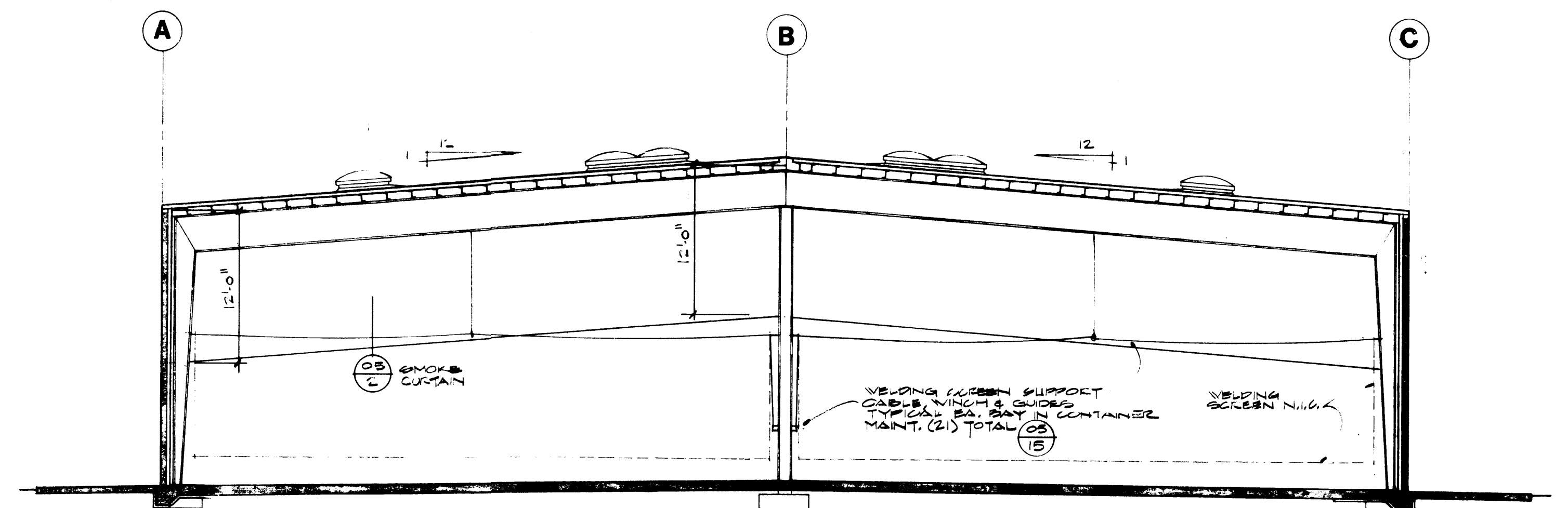
REVISION	BY	APP.	DATE
REVISED TO AS BUILT	R.J.S.		9.30.85

FIELD BOOK (S)
APPROVED: [Signature] 4/26/84
PROJECT MANAGER
CHIEF ENGINEER

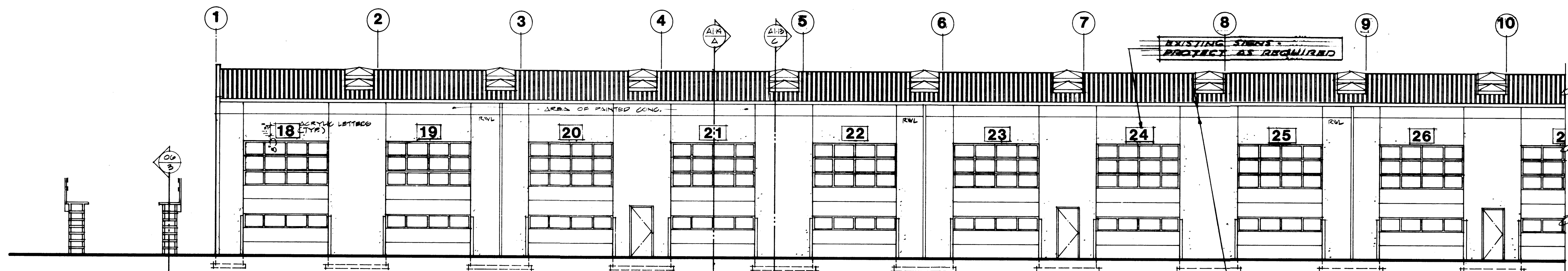
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DRAWING NO. EP-3878-23
6-A1-3
SHEET 11-3 OF 14



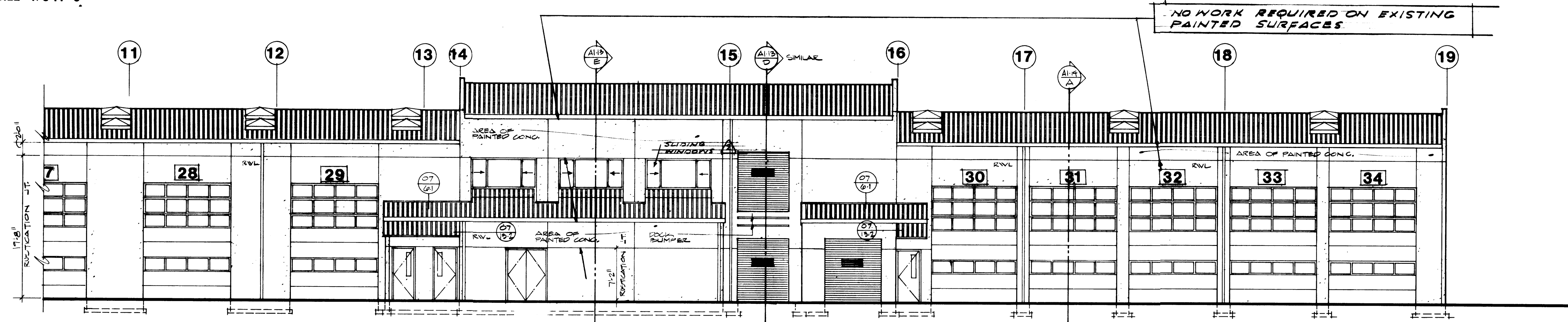
EAST ELEVATION
SCALE 1/8" = 1'-0"



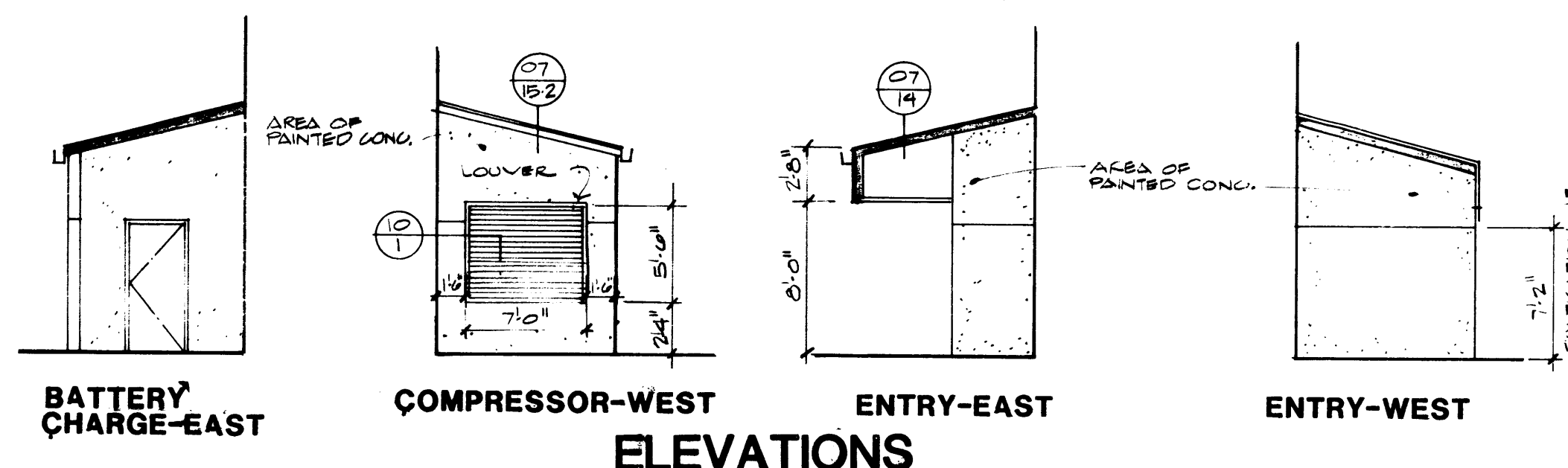
A BUILDING SECTION
SCALE 1/8" = 1'-0"



SOUTH ELEVATION - WEST SECTION
SCALE 1/8" = 1'-0"



SOUTH ELEVATION - EAST SECTION
SCALE 1/8" = 1'-0"



BATTERY CHARGE-EAST

COMPRESSOR-WEST

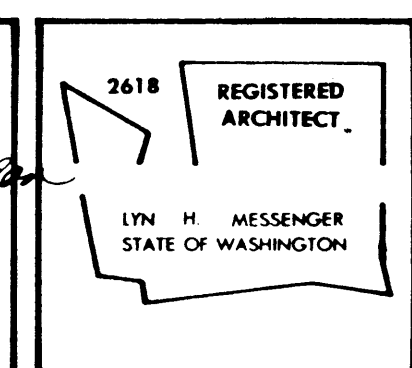
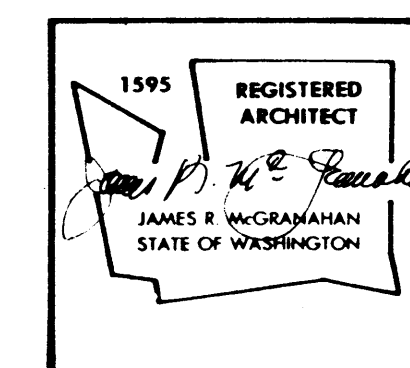
ENTRY-EAST

ENTRY-WEST

ELEVATIONS

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REVISION	BY	APP.	DATE
1. REVISED TO AS BUILT	R.S.		7-20-88
2. REVISED FOR SMC # 316	R.S.		4-23-88



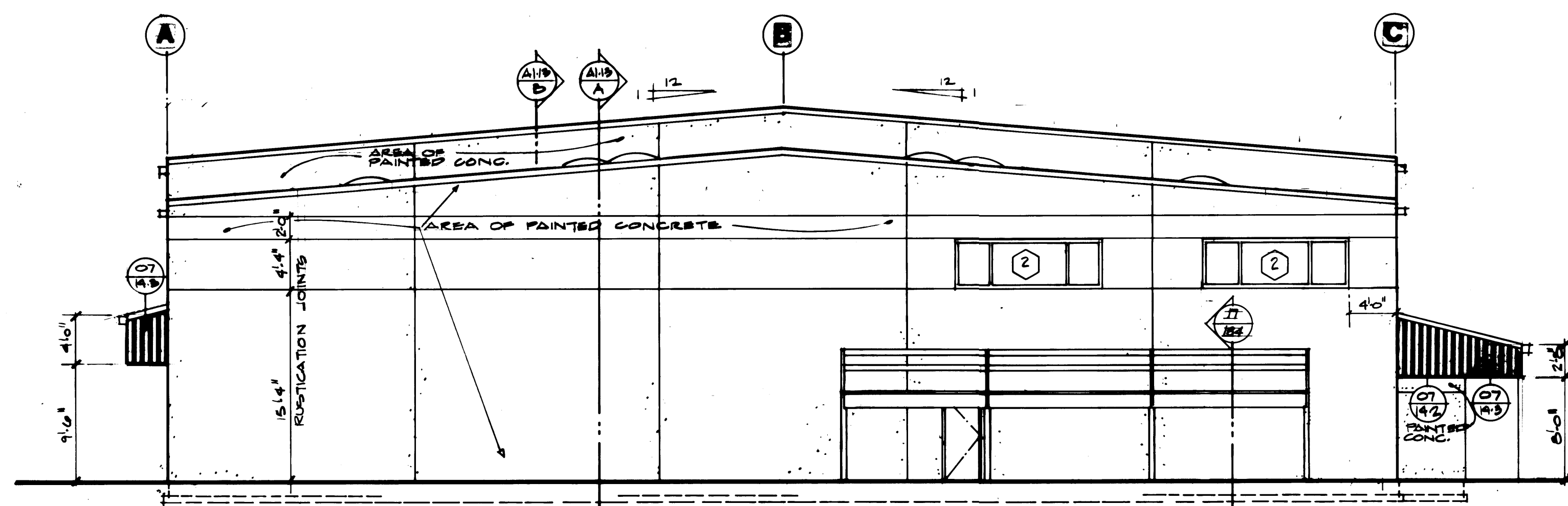
SMALL WORKS CONTRACT # 316

PORT OF TACOMA
TACOMA TERMINALS, INC.
EXTERIOR ELEVATIONS
MAINTENANCE BUILDING

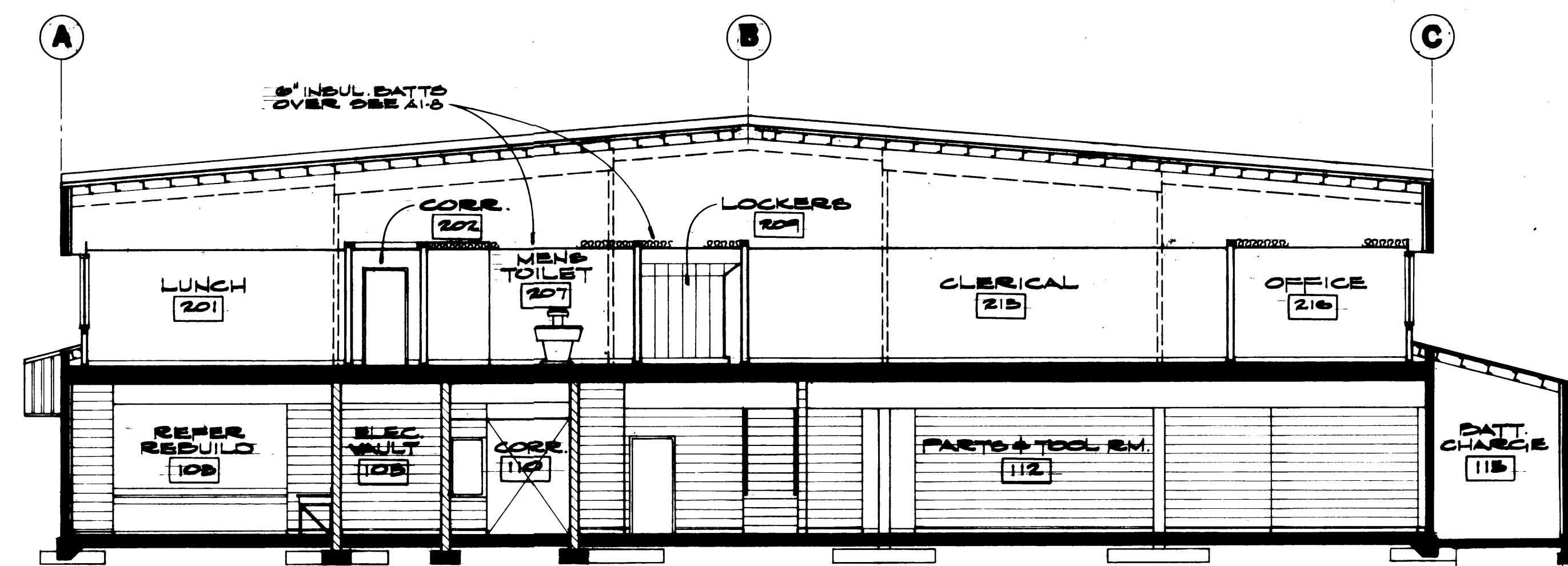
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DATE 4/24/84
CHECKED _____
DATE _____
CHECKED _____
DATE _____
CONT. NO. 358

FIELD BOOK (S) _____
APPROVED John Taylor 4/26/84
PROJECT MANAGER
CHIEF ENGINEER _____
DATE _____

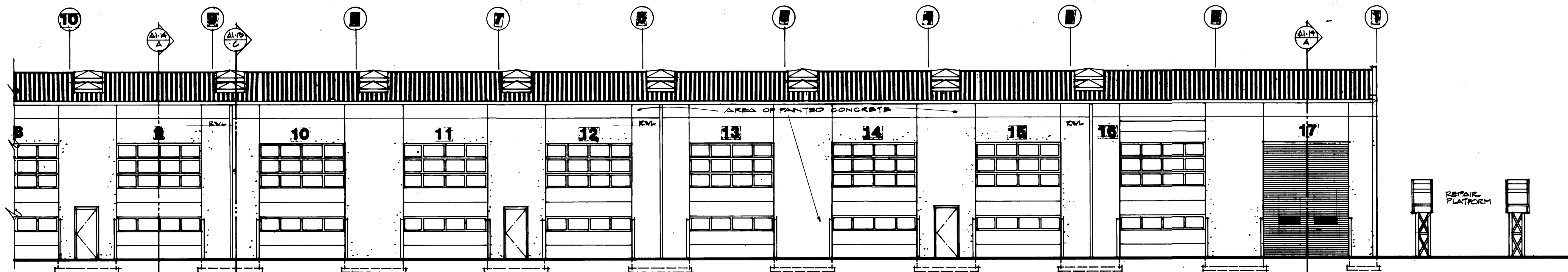
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DRAWING NO. EP-3878-23
6-A1-4
SHEET A1-4 OF 14



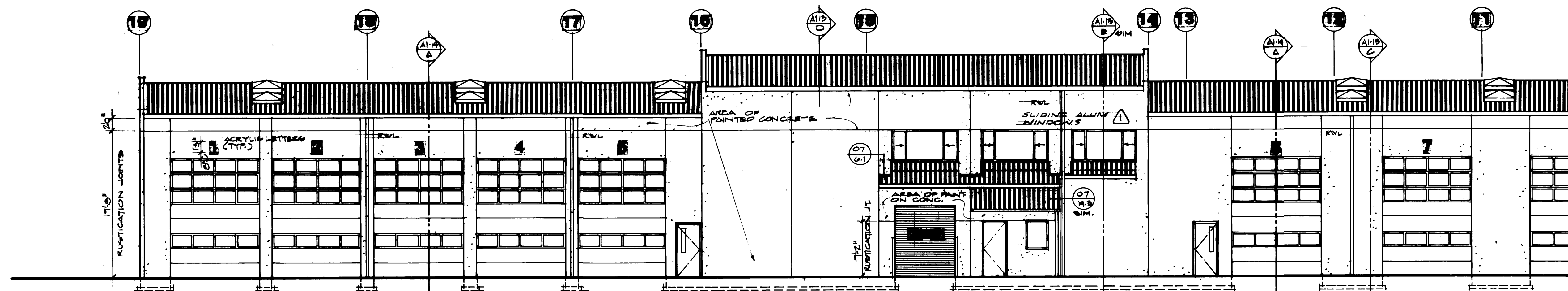
WEST ELEVATION
SCALE 1/8" = 1'-0"



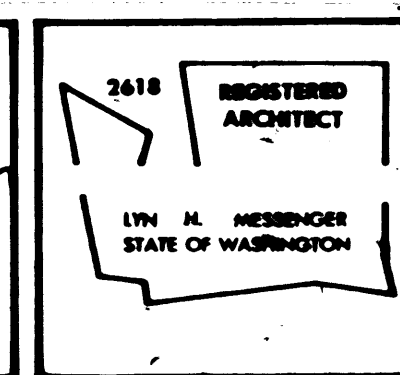
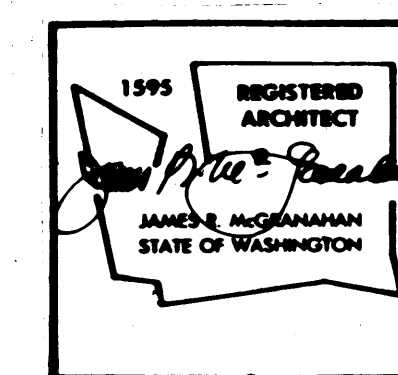
B BUILDING SECTION
SCALE 1/8" = 1'-0"



NORTH ELEVATION - WEST SECTION
SCALE 1/8" = 1'-0"

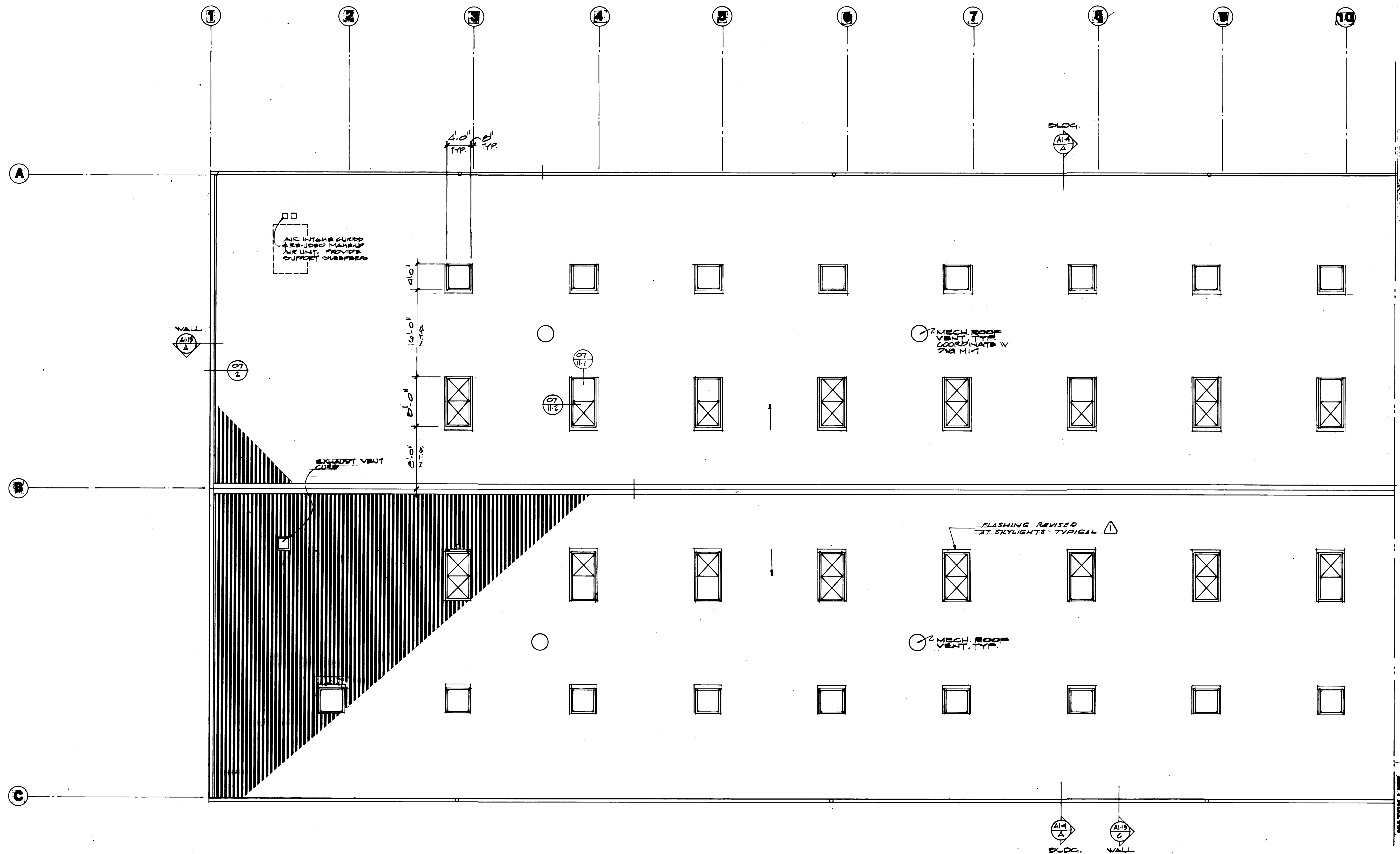


NORTH ELEVATION - EAST SECTION
SCALE 1/8" = 1'-0"



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PORT OF TACOMA TACOMA TERMINALS, INC. EXTERIOR ELEVATIONS	
DRAWN: D.J.E. DATE: 4/24/84 CHECKED: DATE: CHECKED: DATE: CONT. NO. 522	FIELD BOOK (S): APPROVED: <i>John J. J.</i> 4/26/84 PROJECT MANAGER: CHIEF ENGINEER:
1595 REGISTERED ARCHITECT JAMES McGRANAHAN STATE OF WASHINGTON	2618 REGISTERED ARCHITECT LYN H. MESSENGER STATE OF WASHINGTON
REVISION: 1 BY: R.J.J. APP. DATE: 5-2-84	SCALE: 1/8" = 1'-0" DRAWING NO. 84-3878-20 SHEET: A-1 OF 14




ROOF PLAN - WEST SECTION
 SCALE 1/8"=1'-0"

- LEGEND**
-  SKYLIGHT
 -  SMOKE VENT

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1395 REGISTERED ARCHITECT
 JAMES R. MCGRANAHAN
 STATE OF WASHINGTON

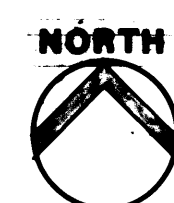
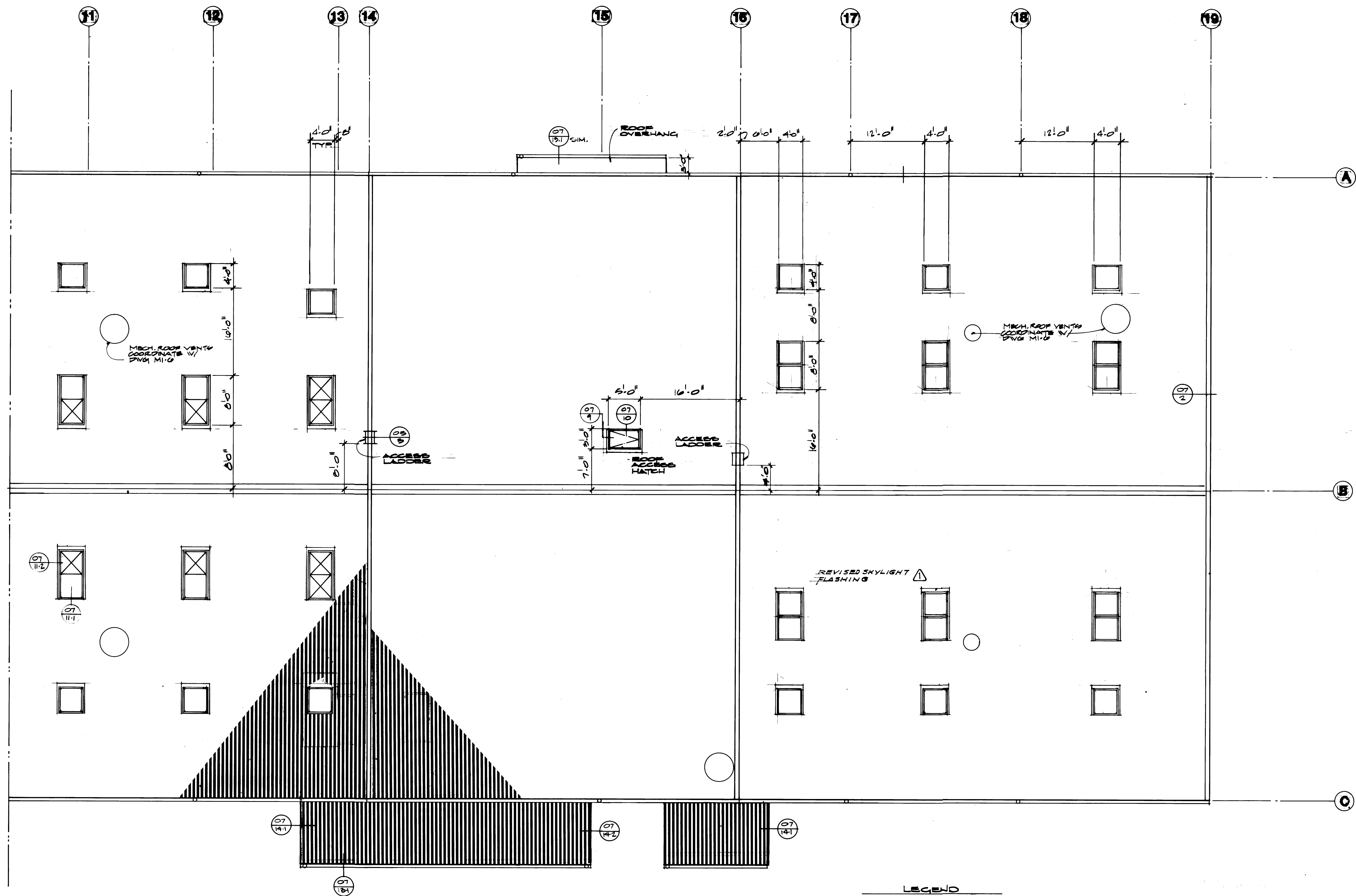
2618 REGISTERED ARCHITECT
 LYNN H. MESSENGER
 STATE OF WASHINGTON

REVISION	BY	APP.	DATE
REVISED TO AS BUILT	R.J.S.		9/20/04

DRAWN	D.P.F.
DATE	4/24/04
CHECKED	
DATE	
CHECKED	
DATE	
CONT. NO.	552
FIELD BOOK (S)	
APPROVED	
PROJECT MANAGER	
CHIEF ENGINEER	

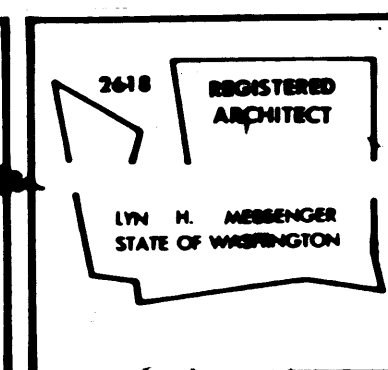
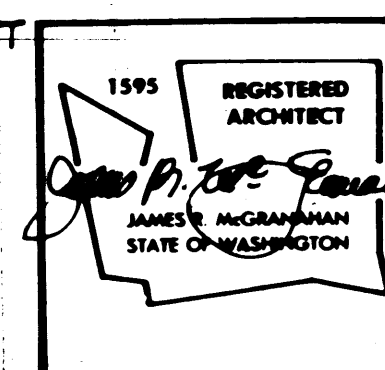
PORT OF TACOMA
 TACOMA TERMINALS, INC.
ROOF PLAN WEST SECTION

DRAWING NO.	SP-3978-04
DATE	4/26/04
SHEET	A1-C OF 14



ROOF PLAN - EAST SECTION
SCALE 1/8"=1'-0"

- LEGEND**
- SKYLIGHT
 - SMOKE VENT



DRAWN	DLP
DATE	4/24/04
CHECKED	
DATE	
CHECKED	
DATE	
CONT. NO.	556

PORT OF TACOMA
TACOMA TERMINALS, INC.
ROOF PLAN
EAST SECTION

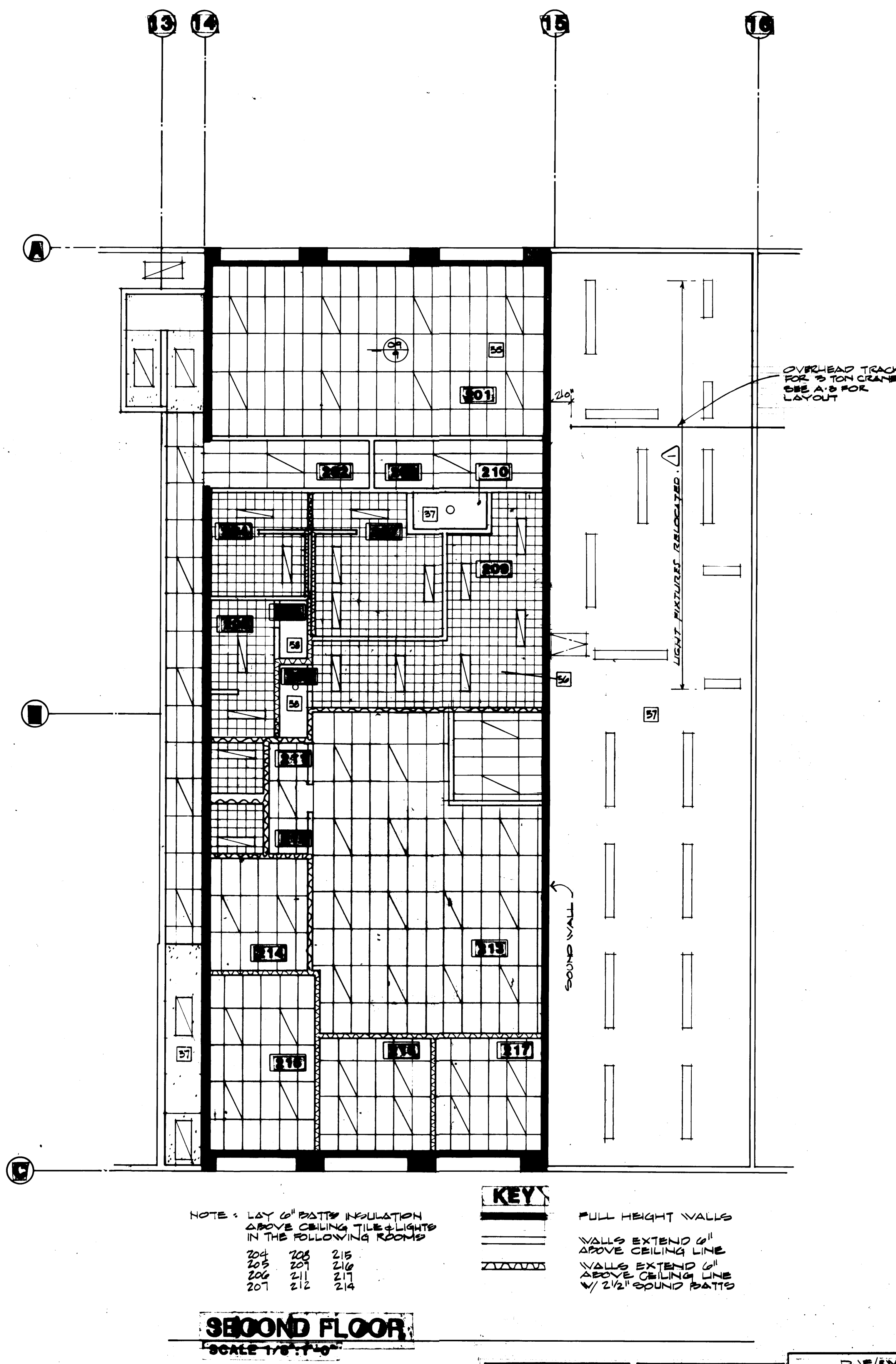
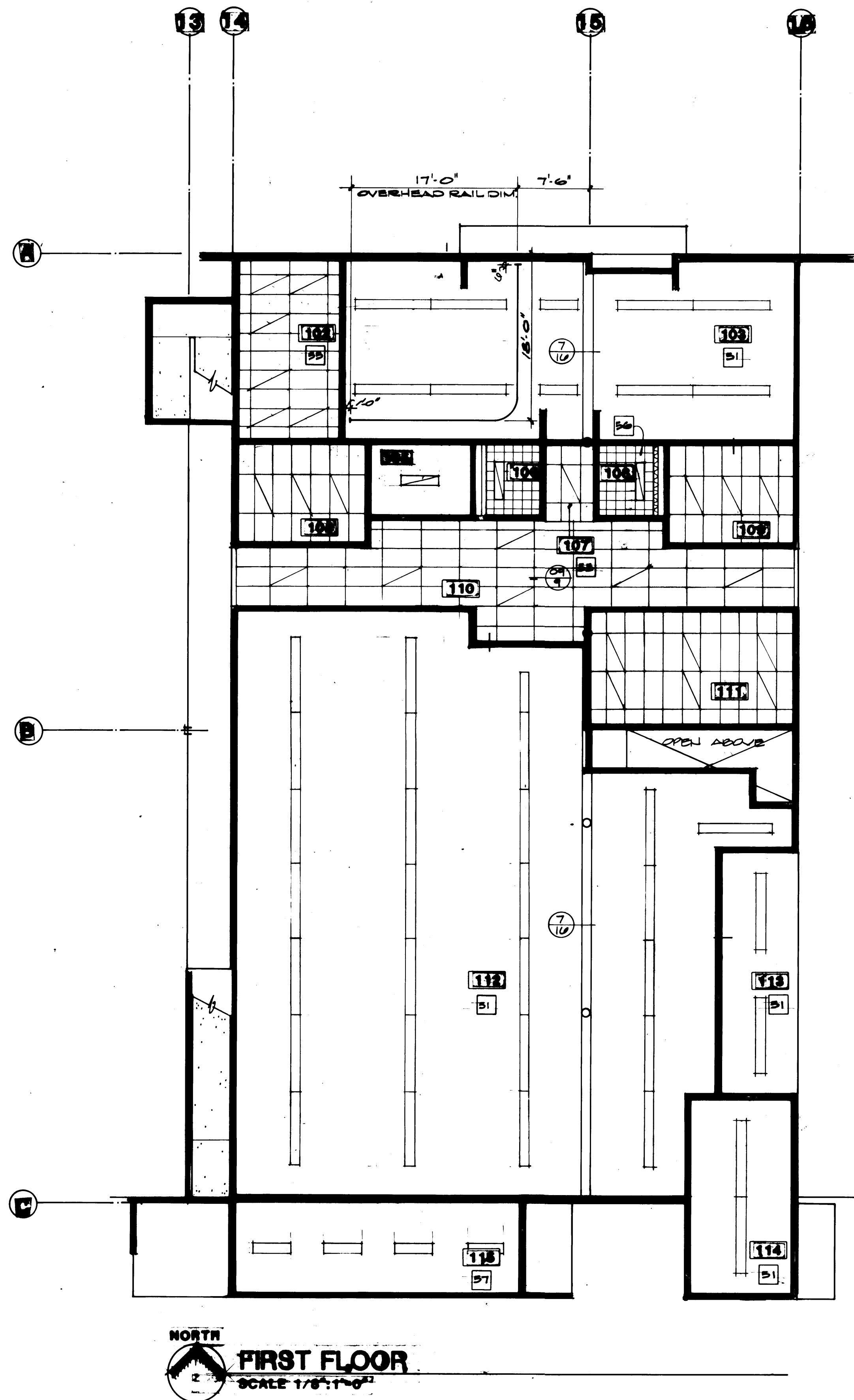
**McGRANAHAN,
MESSENGER
ASSOCIATES**

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REVISION	BY	APP.	DATE
1. REVISED TO AS-BUILT	R.N.S.		9.30.03

APPROVED	<i>[Signature]</i>	4/26/04	DATE
PROJECT MANAGER			
CHIEF ENGINEER			

SCALE 1/8"=1'-0"
DRAWING NO. EP-3878-23
9-A1-7
SHEET **A1-7** OF **14**



SCHEDULE OF FINISH MATERIALS	
FLOORS	
10	Concrete Hardener & Sealer
11	Concrete - Light Broom Finish
12	V.A.T.
13	Carpet
14	Concrete - Sealer
15	Composition Flooring
17	Ceramic Tile
BASE	
20	4" Rubber Base
22	Composition (6" Integral)
23	Ceramic Tile
WALLS	
30	Concrete Block Exposed
31	Concrete Block Painted
32	Concrete Block Epoxy
33	Concrete Exposed
34	Concrete Painted
35	Concrete Epoxy
36	Plastic Laminate
37	Gypsum Wallboard Painted
38	Gypsum Wallboard Epoxy
39	Acoustic Panels
40	Ceramic Tile
41	Fiberglass Reinforced Panel
42	Gypsum Wallboard Vinyl Wall Covering
CEILINGS	
50	Structured Painted
51	Concrete Deck Exposed
52	Concrete Deck Painted
53	Gypsum Wallboard Painted/Suspended
54	12x12 Acoustic Panels Over Gypsum Wallboard
55	24x48 Acoustic Panels Suspended
56	12x12 Acoustic/Moisture Resistant Panel Over Gypsum Board
57	Exposed Structure/Insulation
58	Ceramic Tile

NOTE: LAY 6" BATT INSULATION ABOVE CEILING TILE LIGHTS IN THE FOLLOWING ROOMS

204	206	215
205	207	216
206	211	217
207	212	214

KEY

— FULL HEIGHT WALLS

— WALLS EXTEND 6" ABOVE CEILING LINE

— WALLS EXTEND 6" ABOVE CEILING LINE w/ 2 1/2" SOUND BATT

SECOND FLOOR
SCALE 1/8" = 1'-0"

FIRST FLOOR
SCALE 1/8" = 1'-0"

1595 REGISTERED ARCHITECT
JAMES R. MCGRANAHAN
STATE OF WASHINGTON

2018 REGISTERED ARCHITECT
LYN H. MESSENGER
STATE OF WASHINGTON

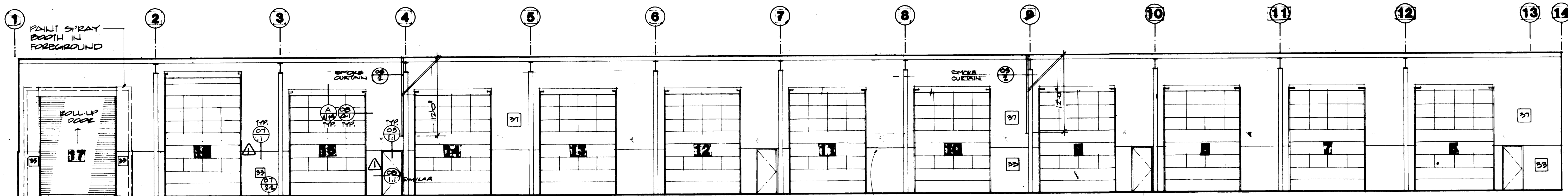
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DATE: 4/24/04
CHECKED: _____
DATE: _____
CHECKED: _____
DATE: _____
CONT. NO. 552

PORT OF TACOMA
TACOMA TERMINALS, INC.
REFURBISHED CEILING PLANS

MCGRANAHAN, MESSENGER ASSOCIATES
ARCHITECTURE / PLANNING / INTERIORS
MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 1801 FAWCETT BLVD. 2ND FLOOR, TACOMA, WA 98402 • (206) 363-3204

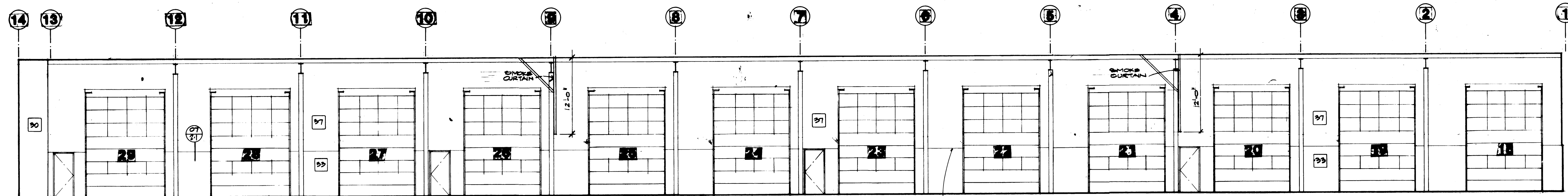
MARK	REVISION	BY	APP.	DATE
Δ	REVISED TO AS-BUILT	R.J.S.		7.20.05

APPROVED: *[Signature]* 4/26/04
PROJECT MANAGER: _____
CHIEF ENGINEER: _____
DATE: _____
DRAWING NO. EP-2070-23
SHEET 11-3 OF 14

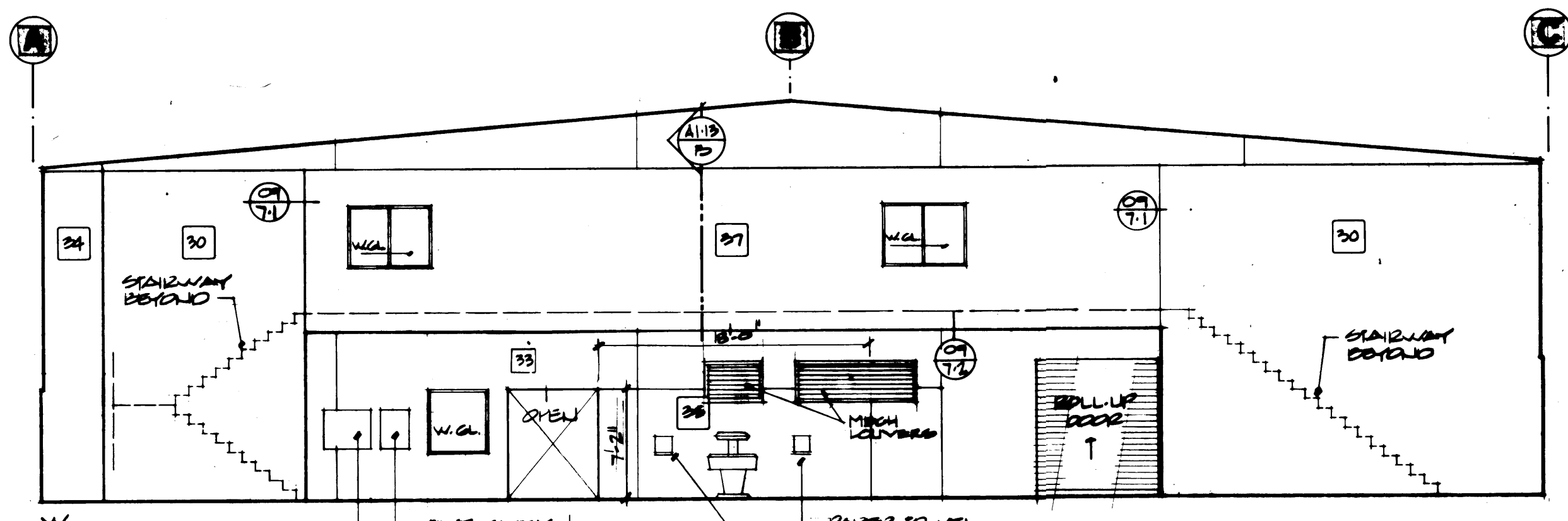
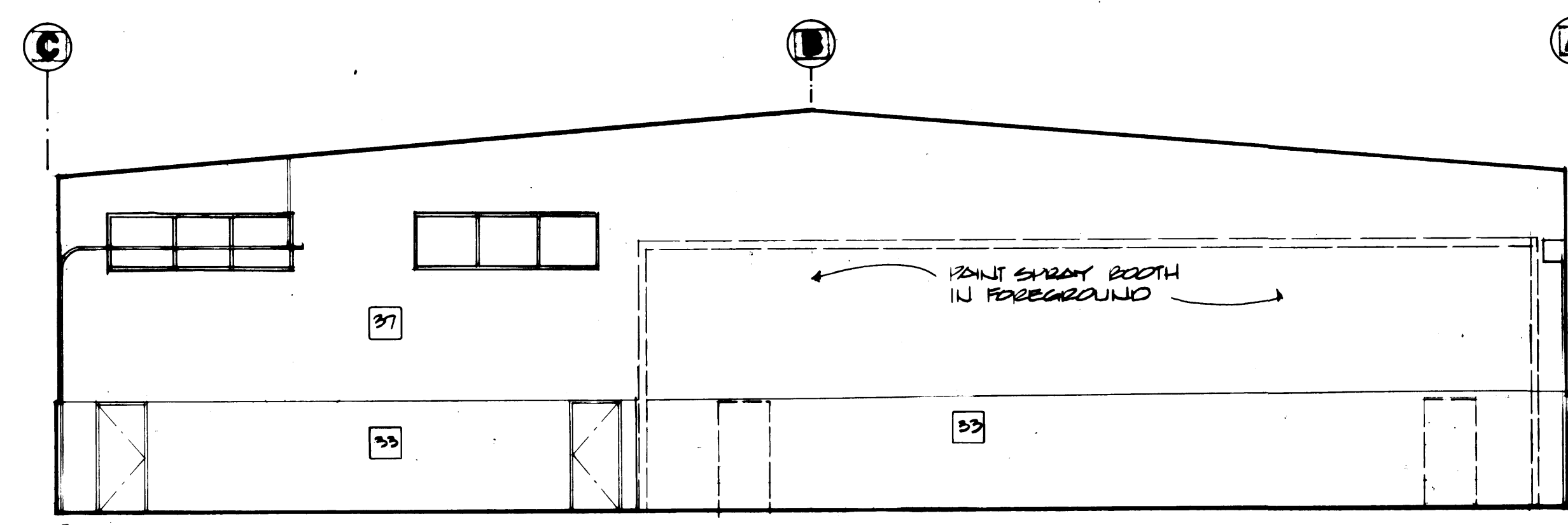


FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
10	10	10	37	37

PRINTED NUMBERS
HELVETICA MED. 15" HIGH
GLOSS BLACK



PRINTED NUMBERS
HELVETICA MED. 15" HIGH
GLOSS BLACK



SCHEDULE OF FINISH MATERIALS	
FLOORS	
10	Concrete Hardener & Sealer
11	Concrete - Light Broom Finish
12	V.A.T.
13	Carpet
14	Concrete - Sealer
16	Composition Flooring
17	Ceramic Tile
BASE	
20	4" Rubber Base
22	Composition (6" Integral)
23	Ceramic Tile
WALLS	
30	Concrete Block Exposed
31	Concrete Block Painted
32	Concrete Block Epoxy
33	Concrete Exposed
34	Concrete Painted
35	Concrete Epoxy
36	Plastic Laminate
37	Gypsum Wallboard Painted
38	Gypsum Wallboard Epoxy
39	Acoustic Panels
40	Ceramic Tile
41	Fiberglass Reinforced Panel
42	Gypsum Wallboard Vinyl Wall Covering
CEILING	
50	Structured Painted
51	Concrete Deck Exposed
52	Concrete Deck Painted
53	Gypsum Wallboard Painted/Suspended
54	12x12 Acoustic Panels Over Gypsum Wallboard
55	24x48 Acoustic Panels Suspended
56	12x12 Acoustic/Moisture Resistant Panel Over Gypsum Board
57	Exposed Structure/Insulation
58	Ceramic Tile

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
10	10	10	37	37

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
14	14	14	32	32

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
14	14	14	32	32

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
14	14	14	32	32

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
14	14	14	32	32

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
14	14	14	32	32

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
14	14	14	32	32

FINISH SCHEDULE	FLOOR	BASE	WALL	CEILING
14	14	14	32	32

McGRANAHAN, MESSENGER ASSOCIATES

ARCHITECTURE / PLANNING / INTERIORS

1500 N. 10TH STREET, SUITE 200, TACOMA, WA 98403 • (206) 263-3000

PORT OF TACOMA

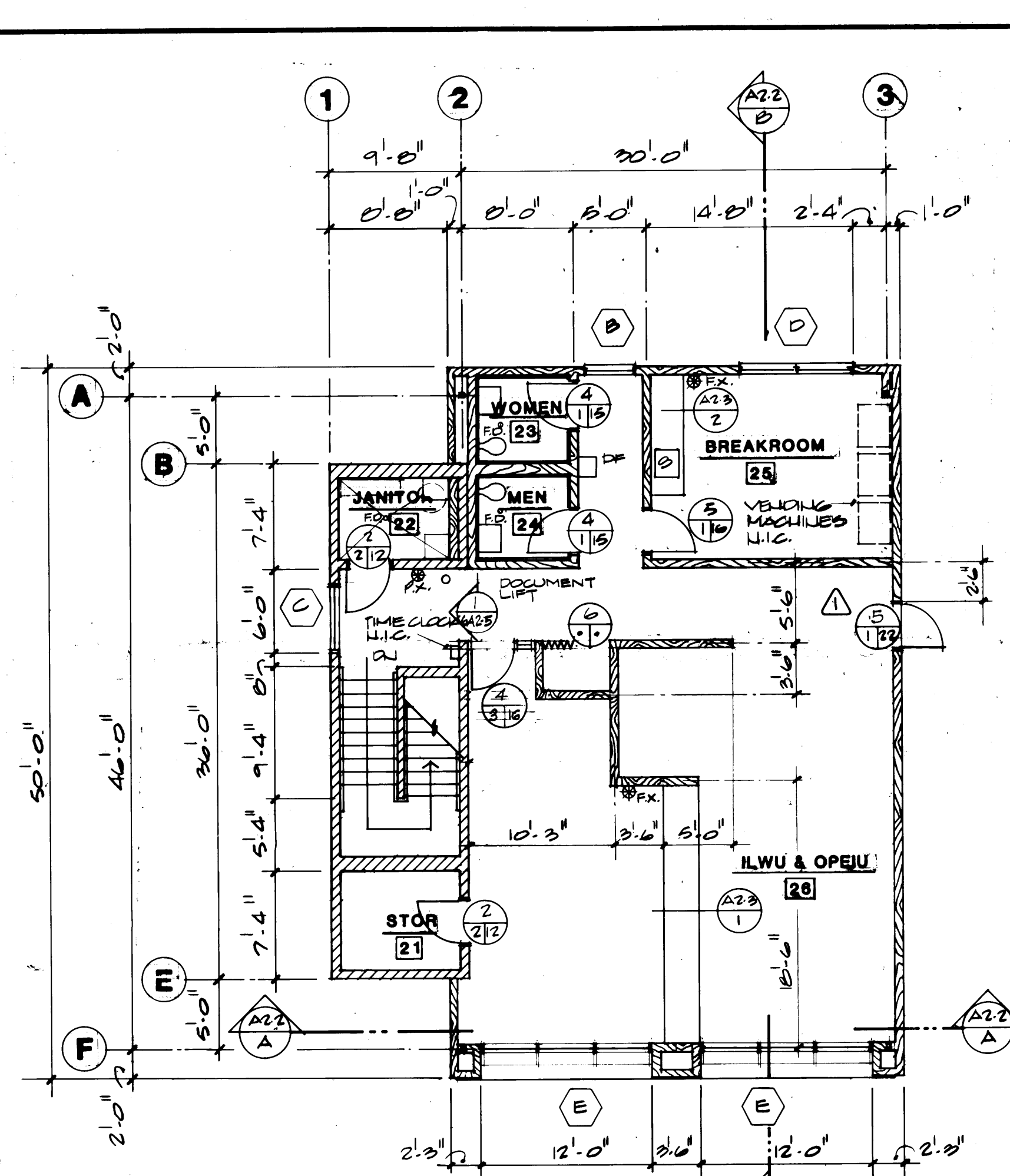
TACOMA TERMINALS, INC.

INTERIOR ELEVATIONS

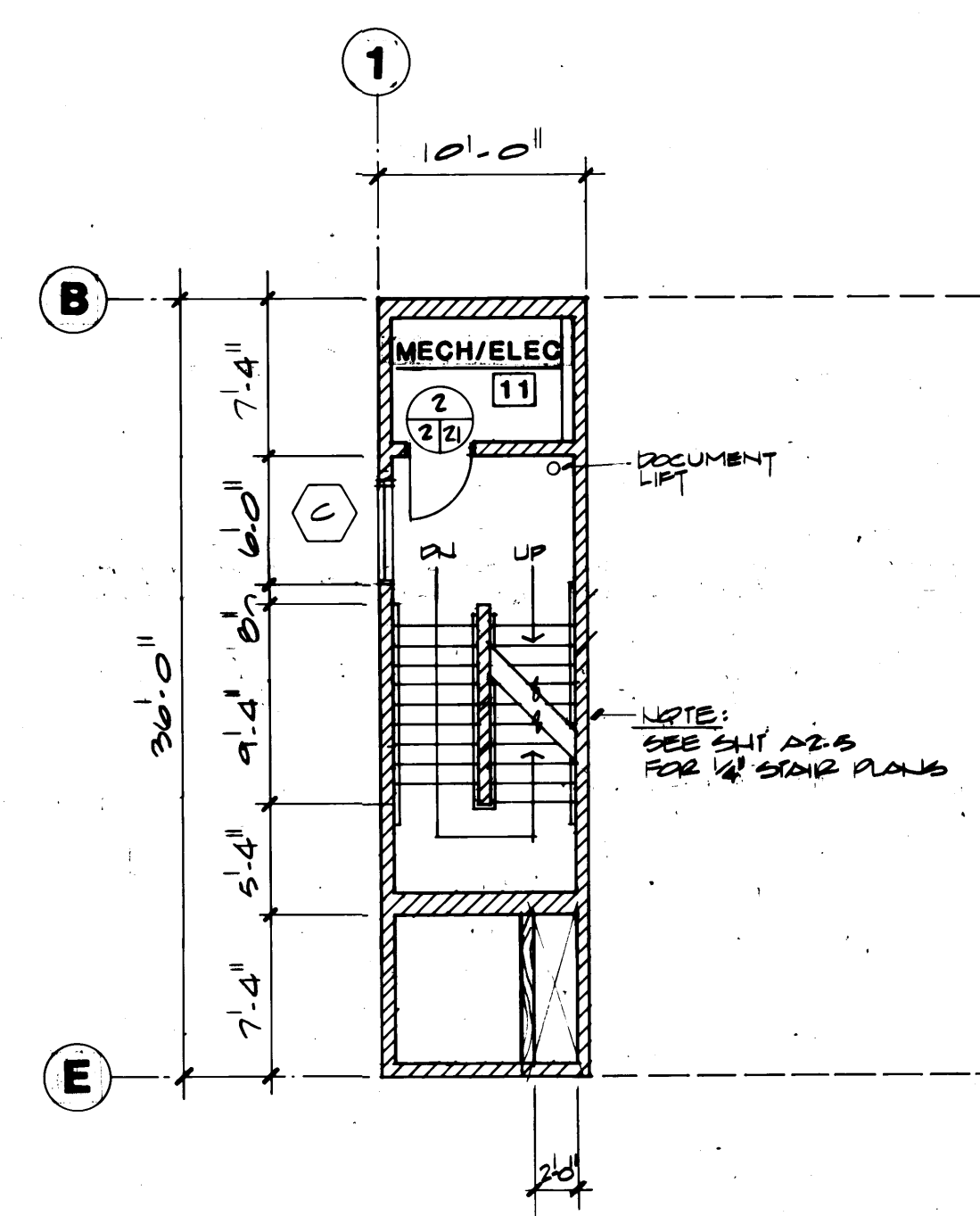
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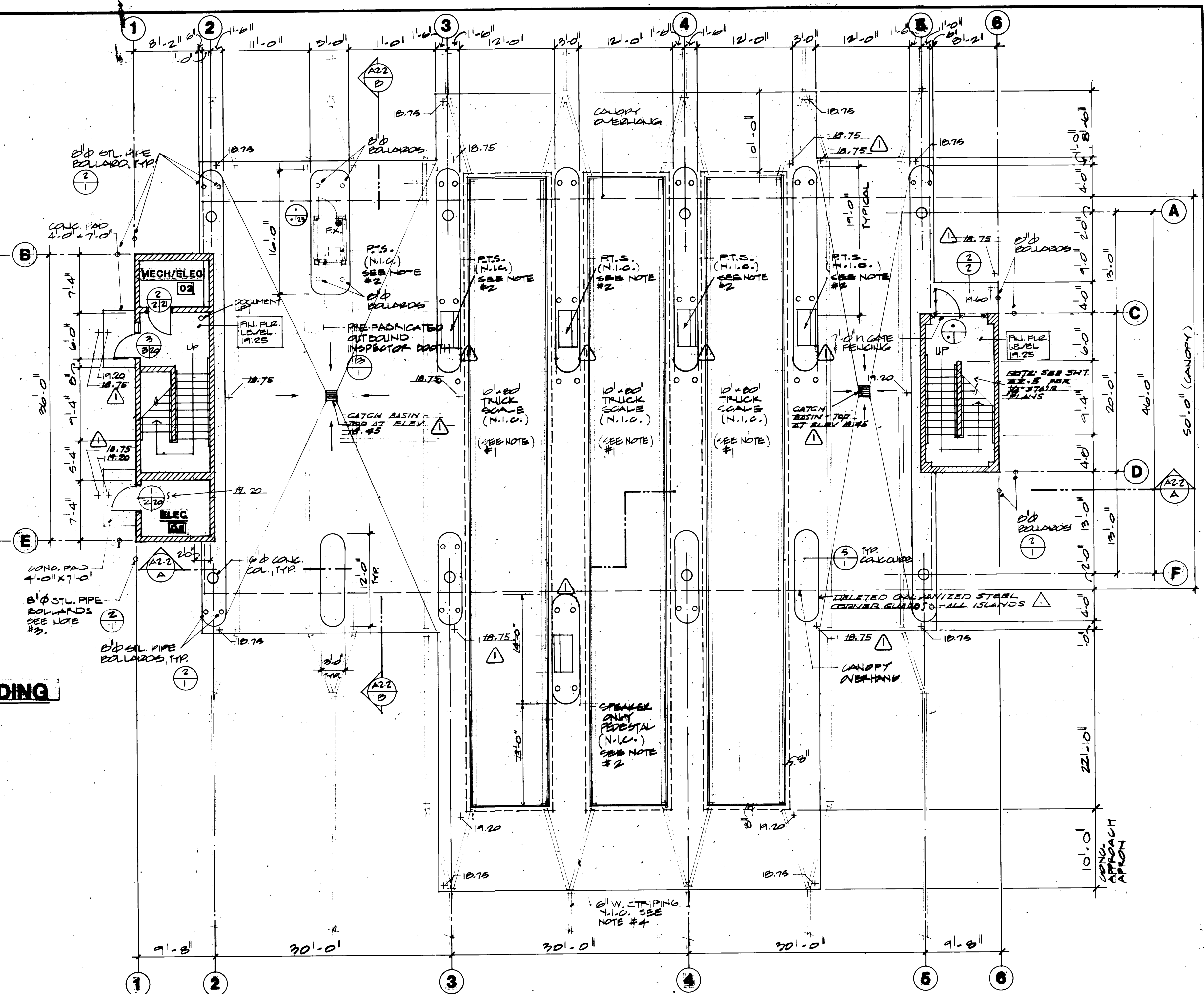
SHEET: A1-4 OF 14



SECOND FLOOR LEVEL
SCALE 1/8" = 1'-0"
NORTH

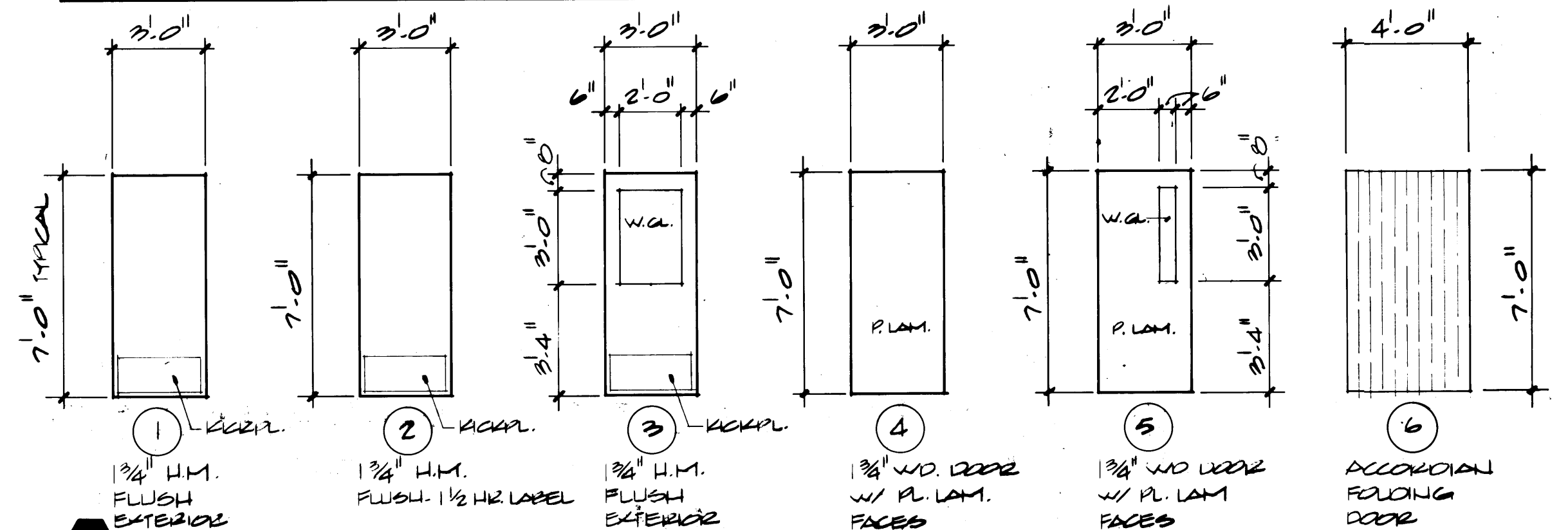


INTERMEDIATE STAIR LANDING
SCALE 1/8" = 1'-0"
NORTH

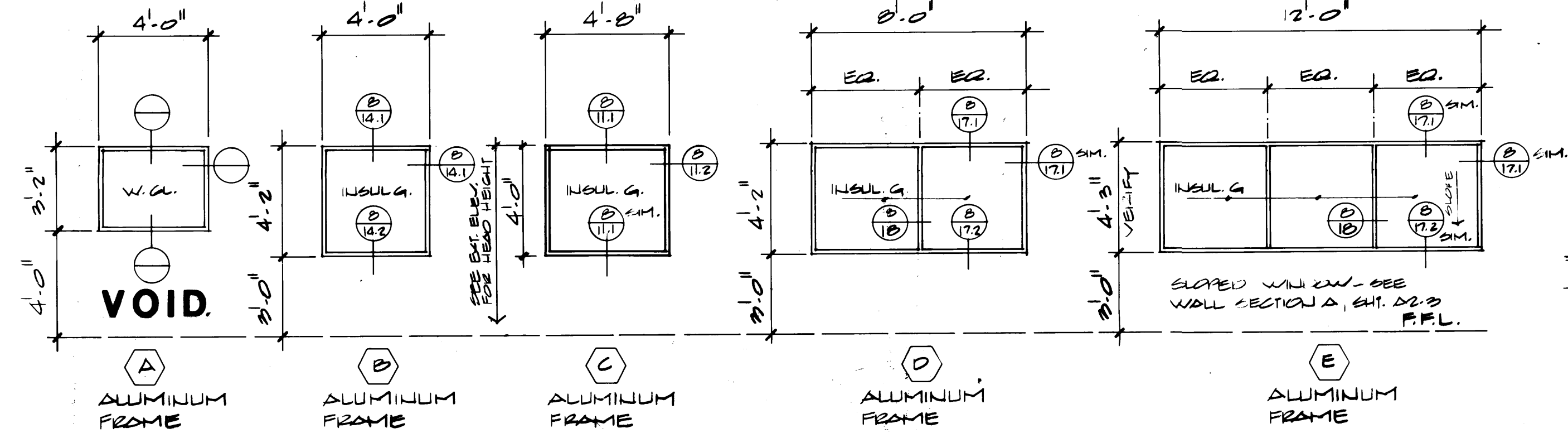


FIRST FLOOR LEVEL
SCALE 1/8" = 1'-0"
NORTH

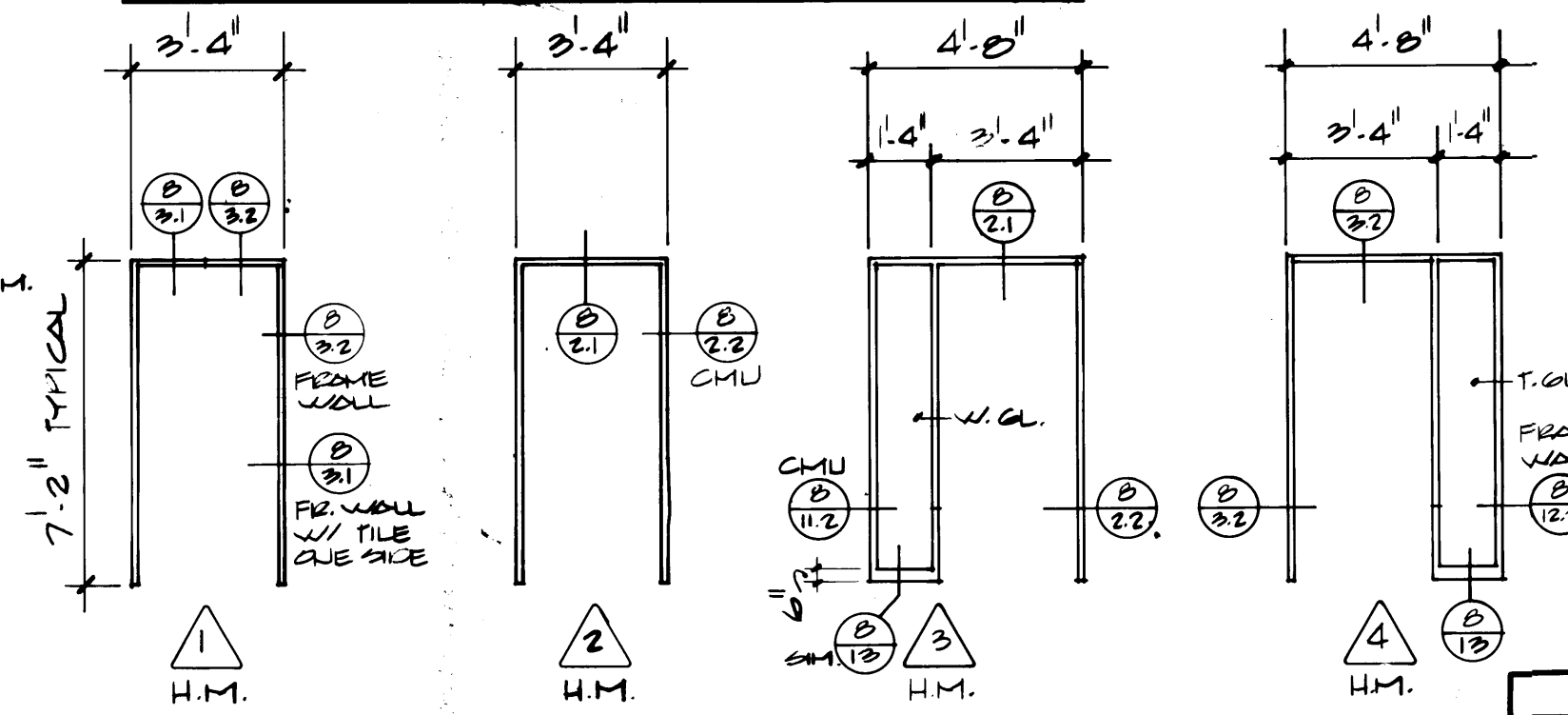
DOOR TYPES



WINDOW TYPES



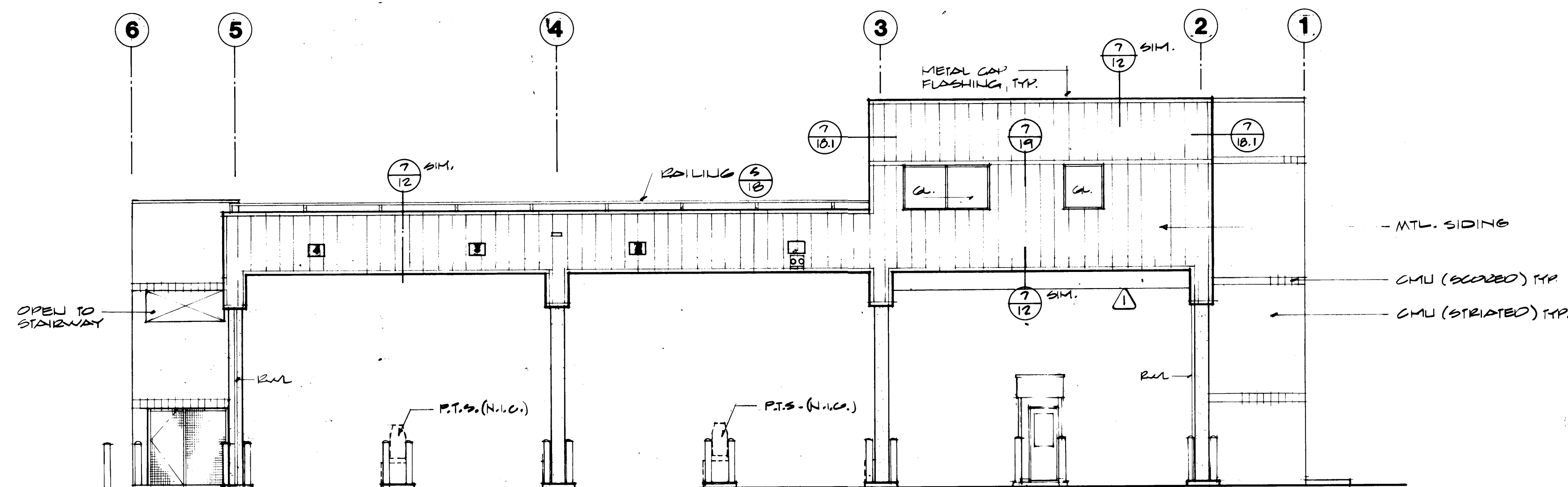
FRAME TYPES



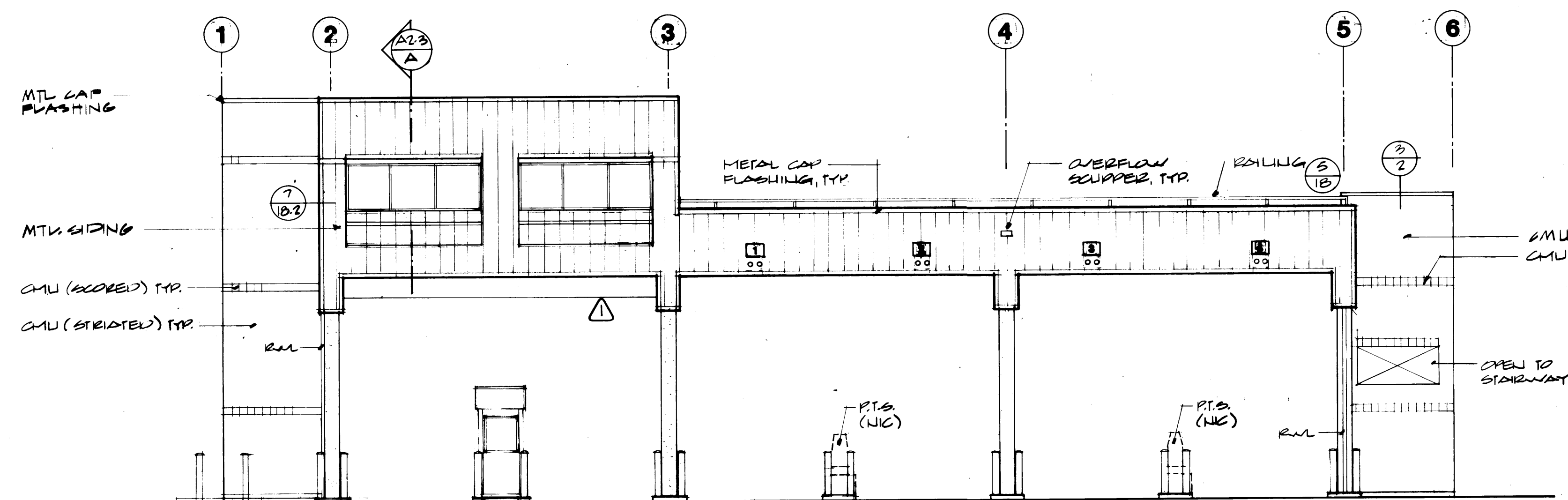
NOTE THIS DRAWING WAS REVISED PER DWG G-A2-1-R1 DTD 8-3-84 & DWG G-A2-1-R2 DTD 8-3-84

- NOTES:**
1. CONSTRUCTION OF CONCRETE PITS FOR TRUCK SCALES ARE PART OF THIS CONTRACT. SEE STRUCTURAL DRAWINGS FOR DETAILS. CONTRACTOR IS RESPONSIBLE FOR GENERAL CONDITIONS TO COORDINATE WITH THE TRUCK SCALE SUPPLIER AND INSTALLER WHICH ARE UNDER SEPARATE CONTRACT.
 2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH PNEUMATIC TUBE SYSTEM (P.T.S.) SUPPLIER AND INSTALLER ON ALL PHASES OF SYSTEM INSTALLATION WHICH ARE UNDER SEPARATE CONTRACT. THIS SHALL INCLUDE SCHEDULING OF PLACEMENT OF THE UNDERGROUND TUBE SYSTEM AND CONNECTIONS.
 3. PROVIDE AND INSTALL (40) FORTY-SIX (46) SIX (6) INCH (IN) STEEL PIPE COLLARS (DETAIL 2/17) AS INDICATED ON FIRST FLOOR LEVEL PLAN.
 4. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE APPLICATION OF ALL STRIPING UNDER CANOPY WHICH FALLS UNDER SEPARATE CONTRACT.

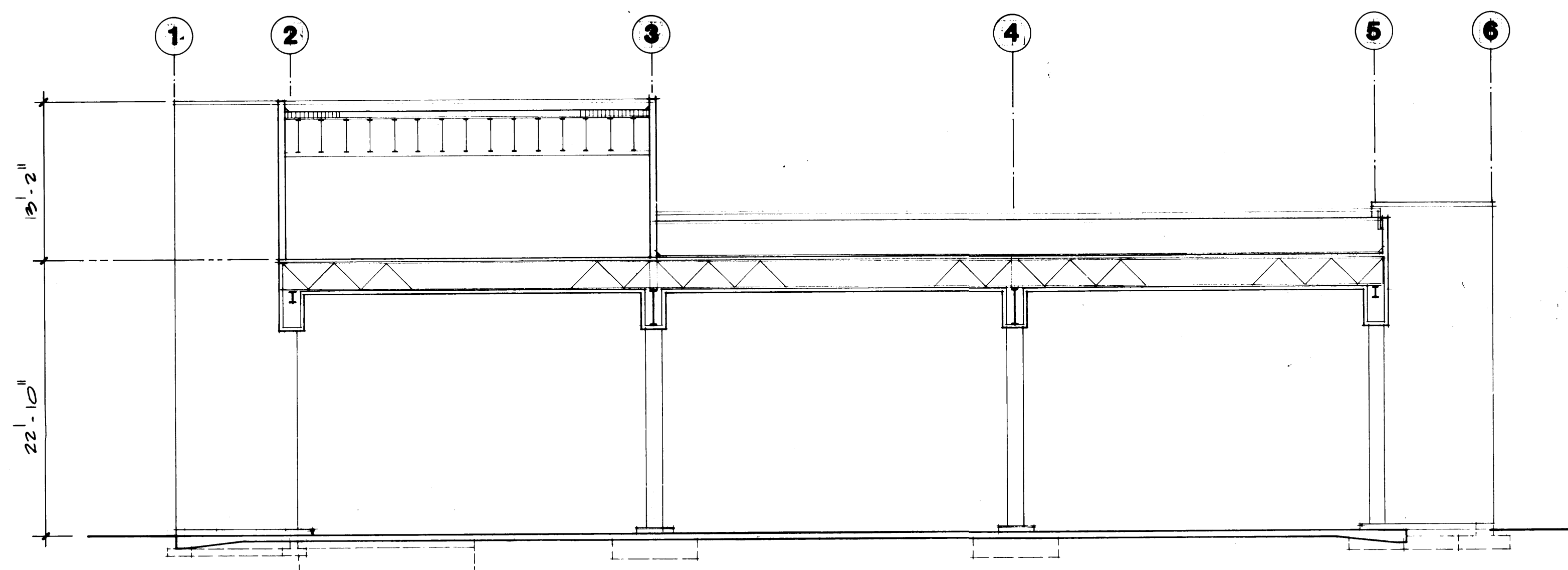
PORT OF TACOMA TACOMA TERMINALS, INC. DOMESTIC EQUIPMENT CONTROL	
DRAWN: JLV DATE: 4/24/84 CHECKED: [] DATE: [] CHECKED: [] DATE: [] CONT. NO. 558	1595 REGISTERED ARCHITECT JAMES H. MESSINGER STATE OF WASHINGTON 2618 REGISTERED ARCHITECT LYN H. MESSINGER STATE OF WASHINGTON
APPROVED: [Signature] PROJECT MANAGER DATE: 4/26/84 CHIEF ENGINEER DATE: []	FIELD BOOK (S) SCALE 1/8" = 1'-0" DRAWING NO. EP-5878-28 6-A2-1 SHEET A2-1 OF 5



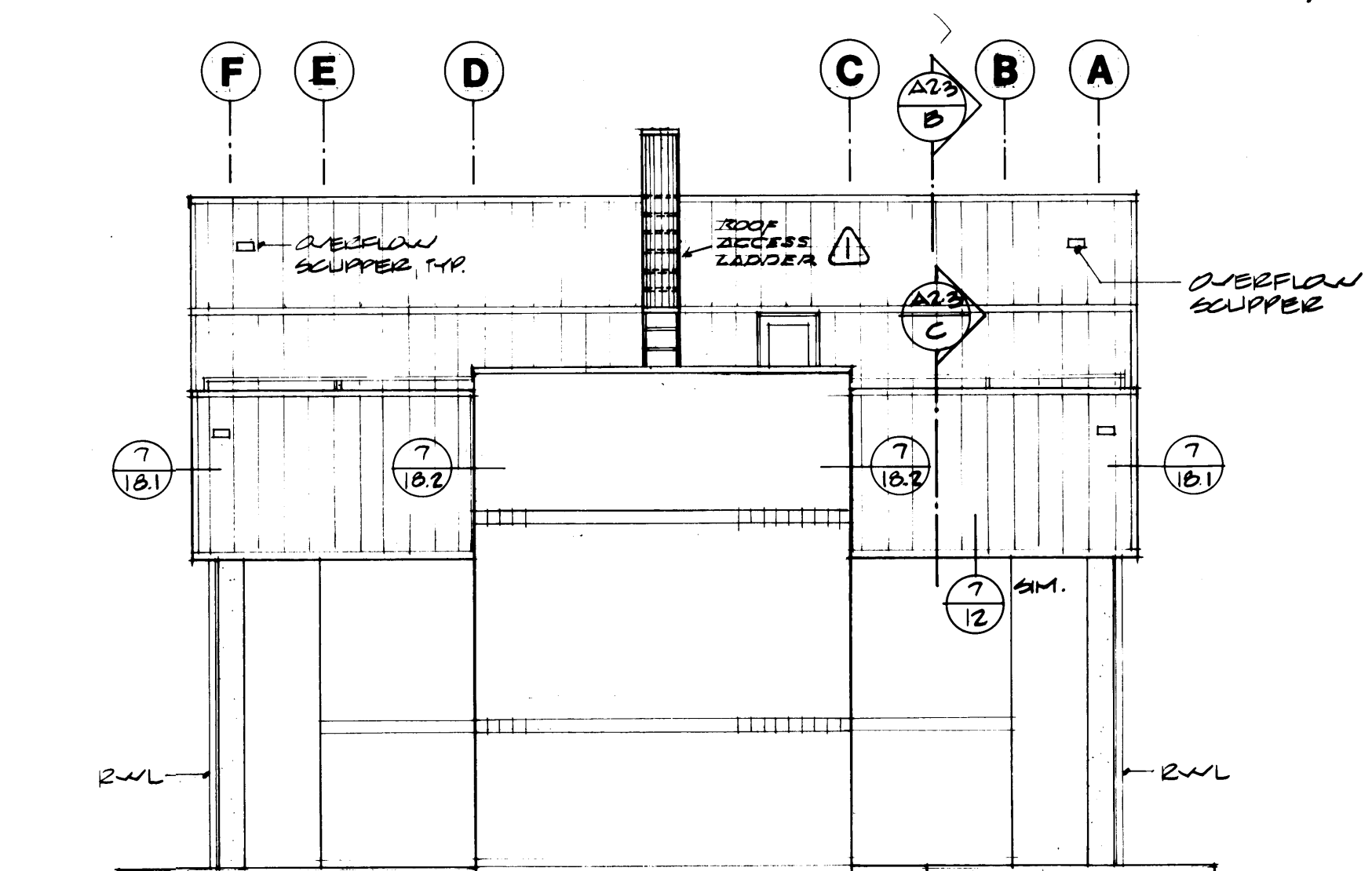
NORTH ELEVATION



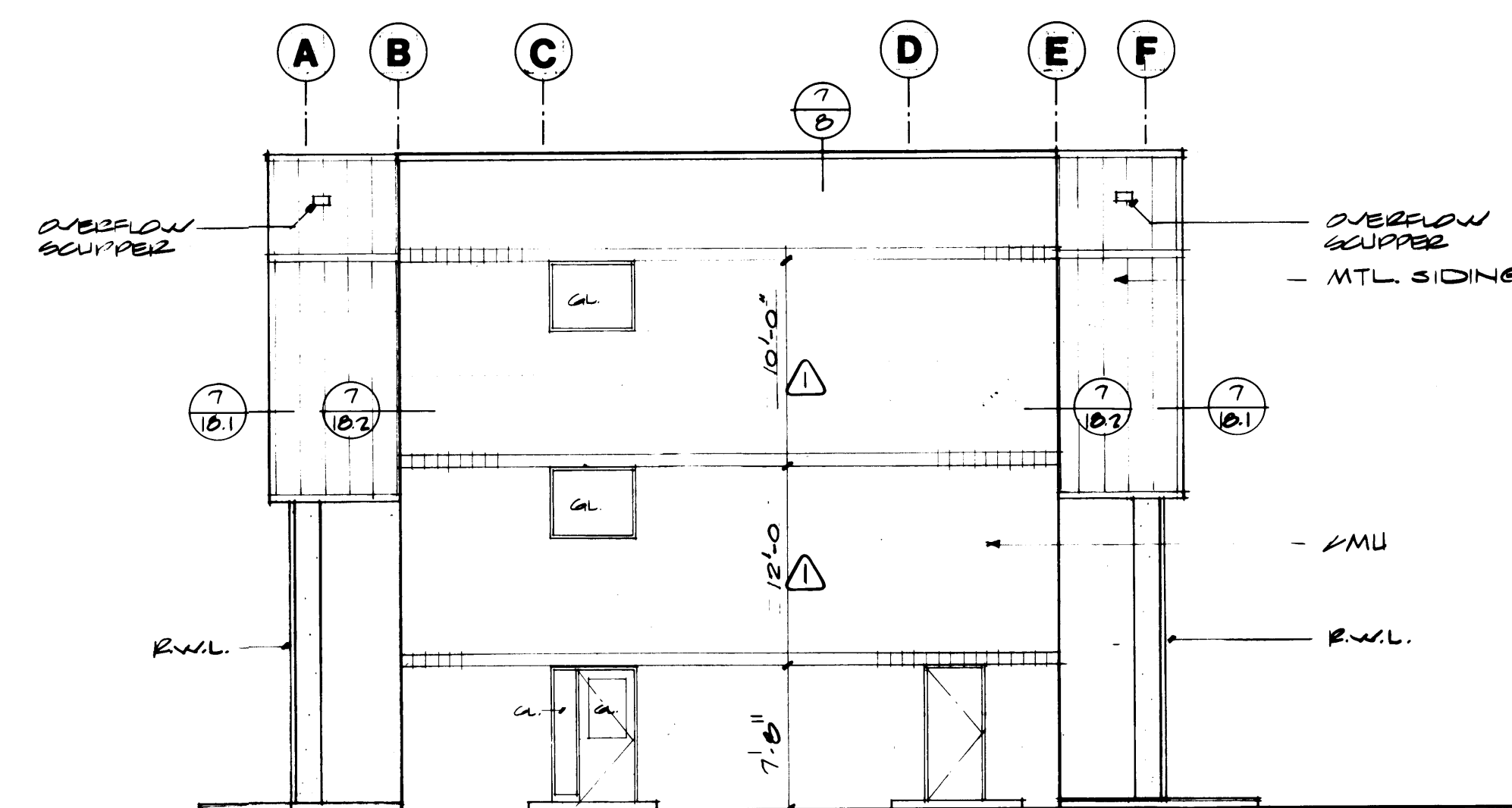
SOUTH ELEVATION



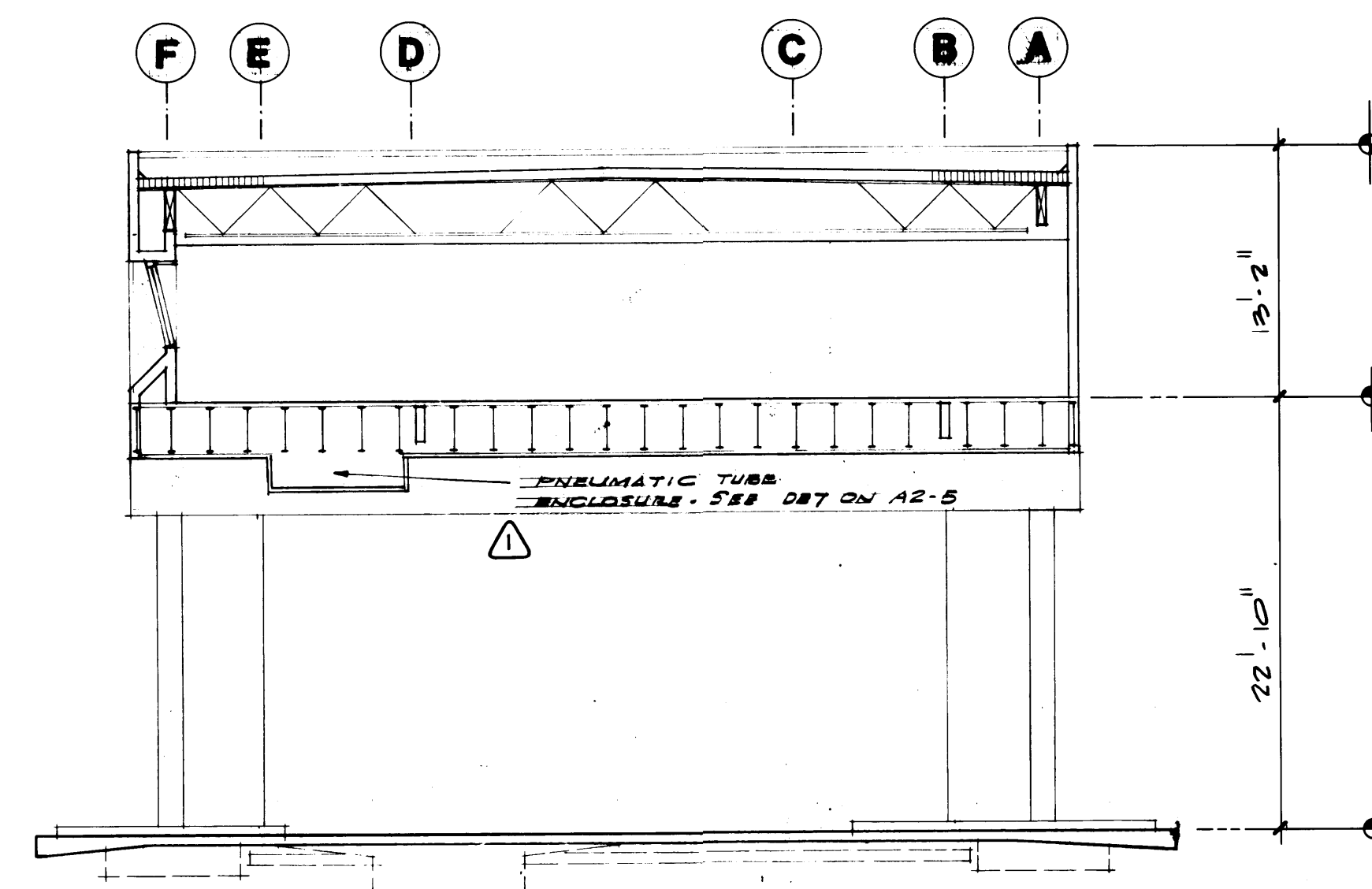
SECTION A-A



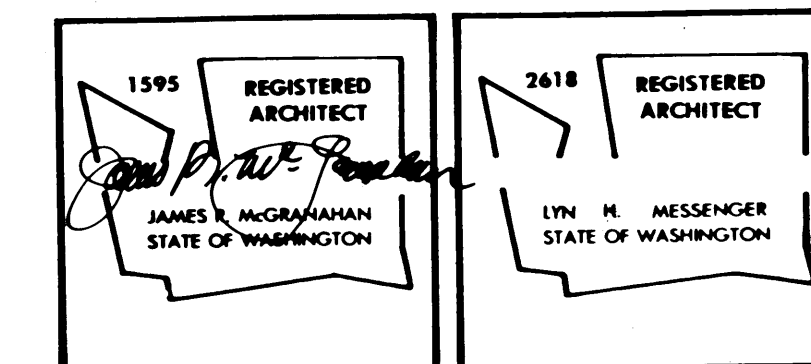
EAST ELEVATION



WEST ELEVATION



SECTION B-B



**PORT OF TACOMA
TACOMA TERMINALS, INC.
DOMESTIC EQUIPMENT
CONTROL**

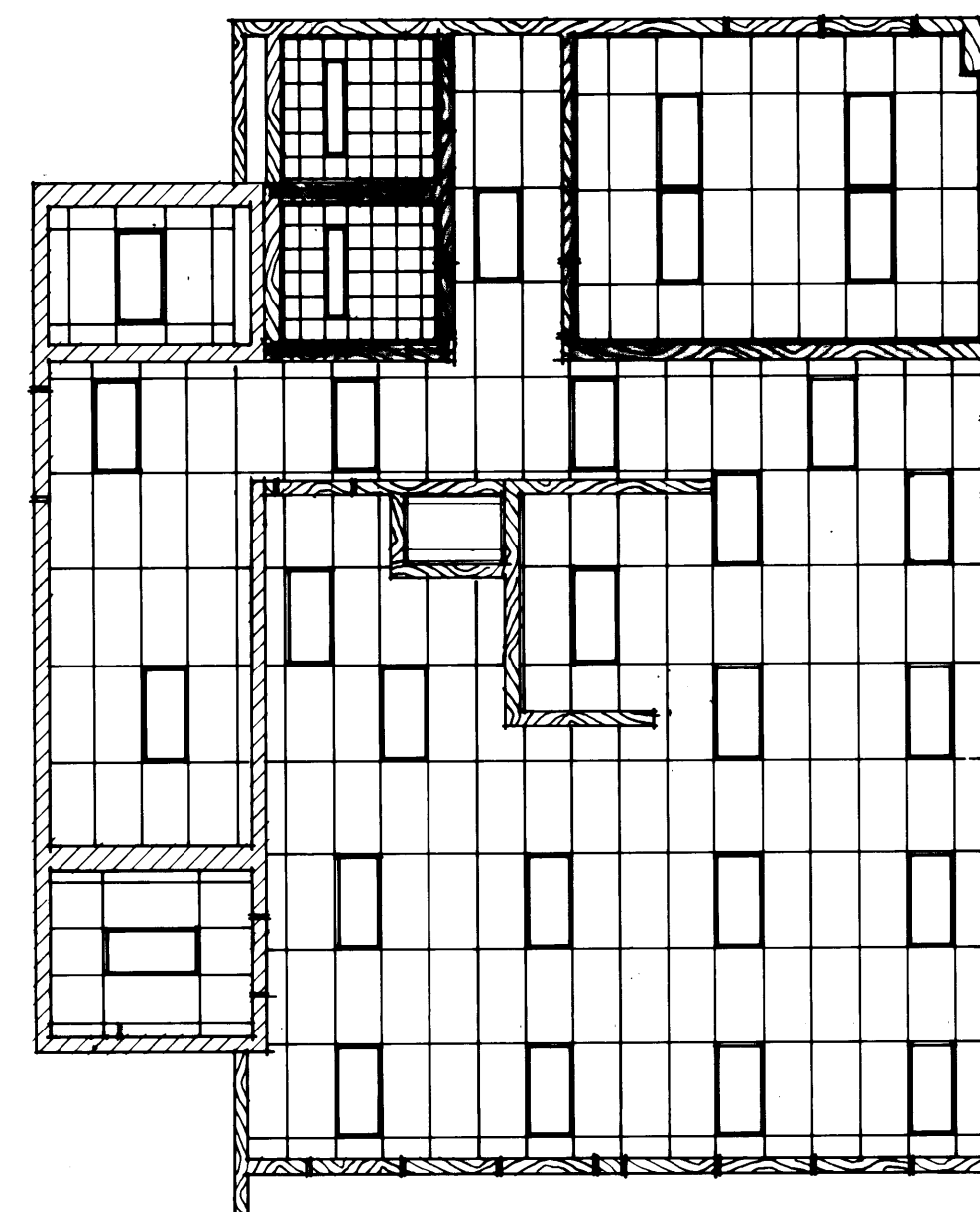
DRAWN: JLV
DATE: 9/24/84
CHECKED:
DATE:
CHECKED:
DATE:
CONT. NO.: 552

FIELD BOOK (S)
APPROVED: [Signature]
PROJECT MANAGER
CHIEF ENGINEER

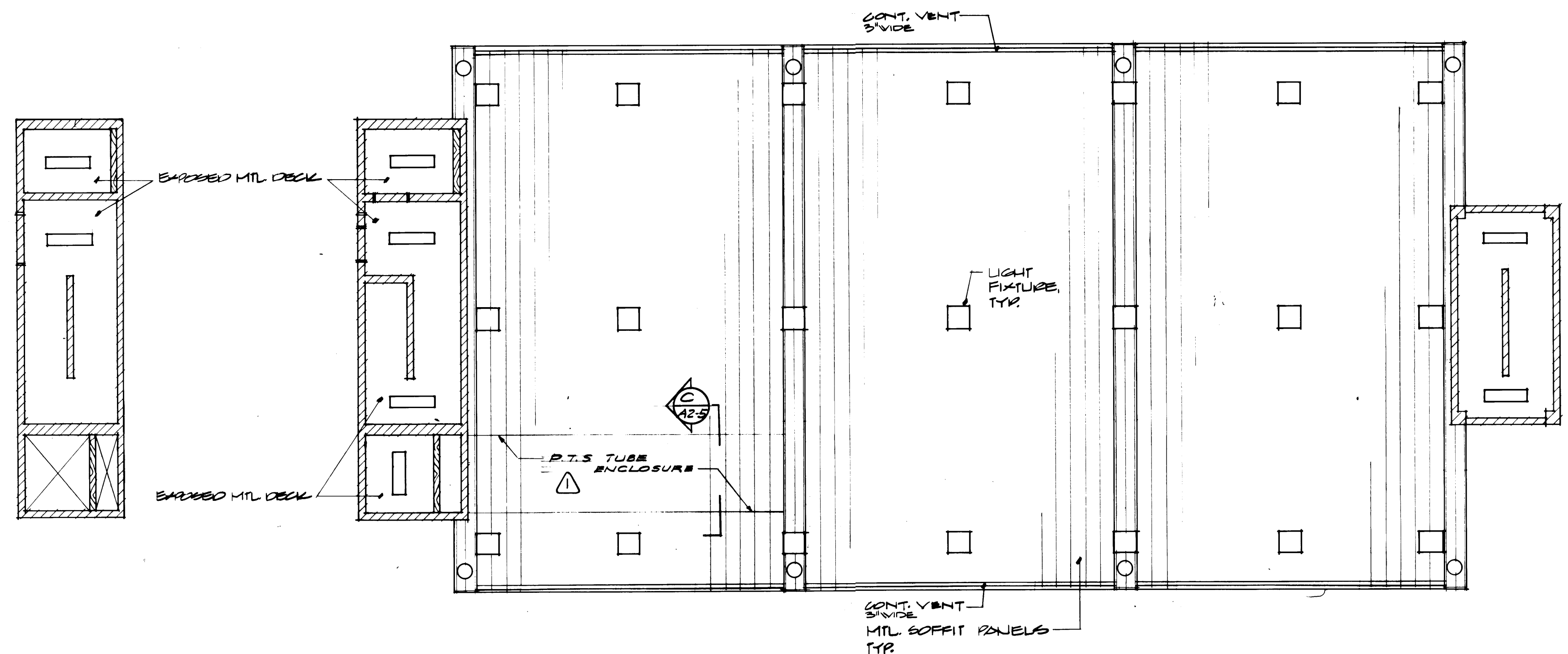
SCALE: 1/8" = 1'-0"
DRAWING NO.: EP-3878-23
6-A2-2
SHEET A2-2 OF 5

**McGRANAHAN,
MESSENGER
ASSOCIATES**
ARCHITECTURE / PLANNING / INTERIORS
MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 960 FAWCETT, SUITE 300, TACOMA, WA 98402 • (206) 383-3084

MARK	REVISION	BY	APP.	DATE
1	REVISED TO AS-BUILT	RJS		10/11/85



REFLECTED CEILING PLAN - SECOND FLOOR
SCALE 1/8" = 1'-0"



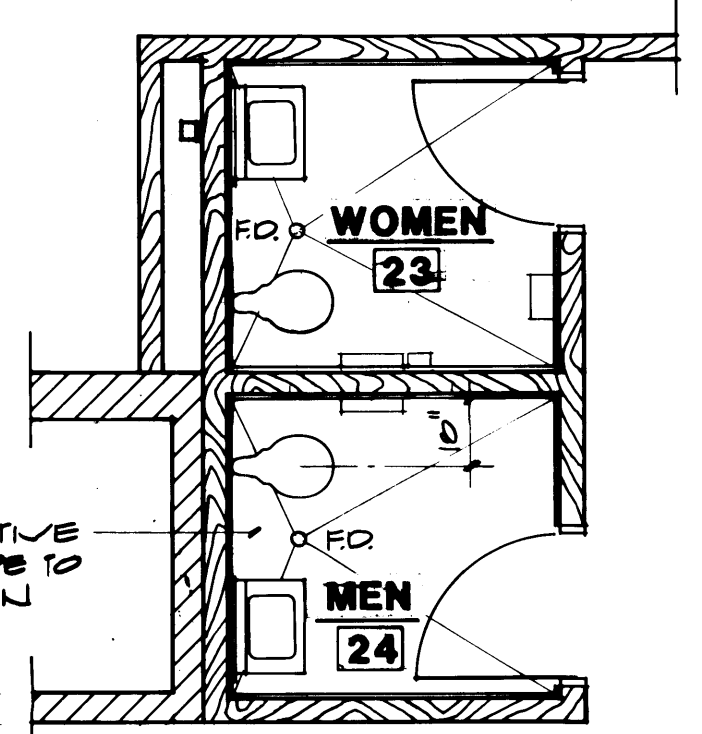
REFLECTED CEILING PLAN - FIRST FLOOR
SCALE 1/8" = 1'-0"

INTERIOR ELEVATIONS

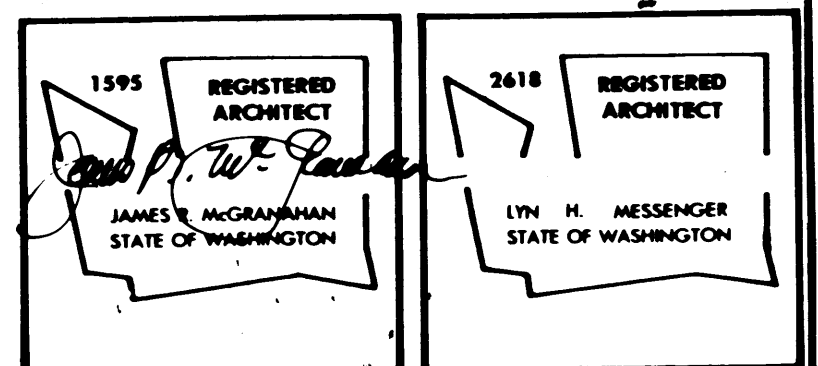


SCHEDULE OF FINISH MATERIALS

- FLOORS**
- 10 Concrete Hardener & Sealer
 - 11 Concrete - Light Broom Finish
 - 12 V.A.T.
 - 13 Carpet
 - 14 Concrete - Sealer
 - 16 Composition Flooring
 - 17 Ceramic Tile
- BASE**
- 20 4" Rubber Base
 - 22 Composition (6" Integral)
 - 23 Ceramic Tile
- WALLS**
- 30 Concrete Block Exposed
 - 31 Concrete Block Painted
 - 32 Concrete Block Epoxy
 - 33 Concrete Exposed
 - 34 Concrete Painted
 - 35 Concrete Epoxy
 - 36 Plastic Laminate
 - 37 Gypsum Wallboard Painted
 - 38 Gypsum Wallboard Epoxy
 - 39 Acoustic Panels
 - 40 Ceramic Tile
 - 41 Fiberglass Reinforced Panel
 - 42 Gypsum Wallboard Vinyl Wall Covering
- CEILINGS**
- 50 Structured Painted
 - 51 Concrete Deck Exposed
 - 52 Concrete Deck Painted
 - 53 Gypsum Wallboard Painted/Suspended
 - 54 12x12 Acoustic Panels Over Gypsum Wallboard
 - 55 24x48 Acoustic Panels Suspended
 - 56 12x12 Acoustic/Moisture Resistant Panel Over Gypsum Board
 - 57 Exposed Structure/Insulation
 - 58 Ceramic Tile



WOMEN 23 & MEN 24
SCALE 1/4" = 1'-0"



PORT OF TACOMA TACOMA TERMINALS, INC. DOMESTIC EQUIPMENT CONTROL

**MCGRANHAN,
MESSENGER
ASSOCIATES**
MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 1501 AVENUE C, SUITE 300, TACOMA, WA 98402 • (206) 383-3004

ARCHITECTURE / PLANNING / INTERIORS

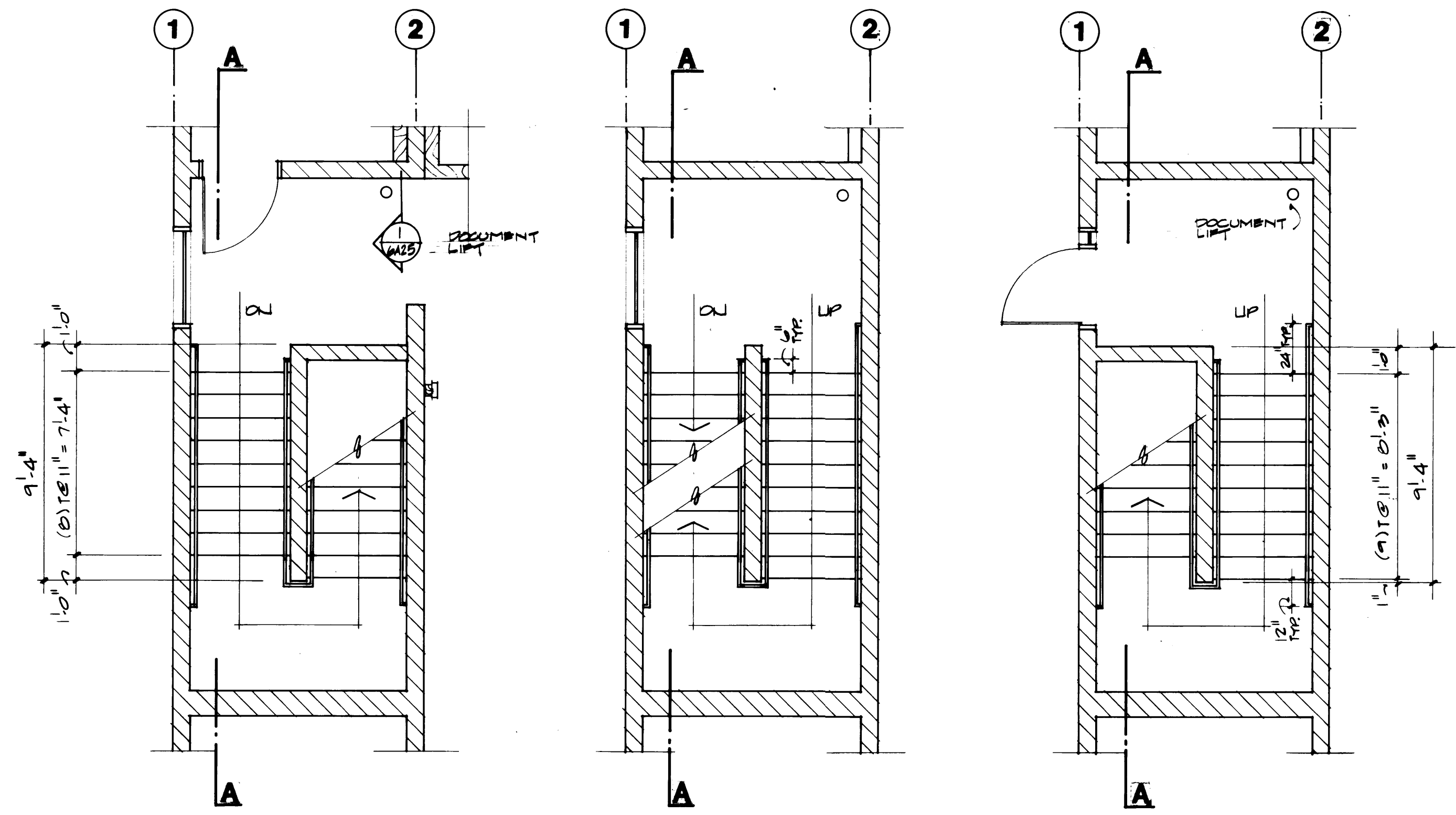
REVISION BY APP. DATE

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DATE: 1/24/84
CHECKED: [Signature]
DATE: [Blank]
CONT. NO. 55B

APPROVED: [Signature]
PROJECT MANAGER
DATE: 4/26/84

FIELD BOOK (S)

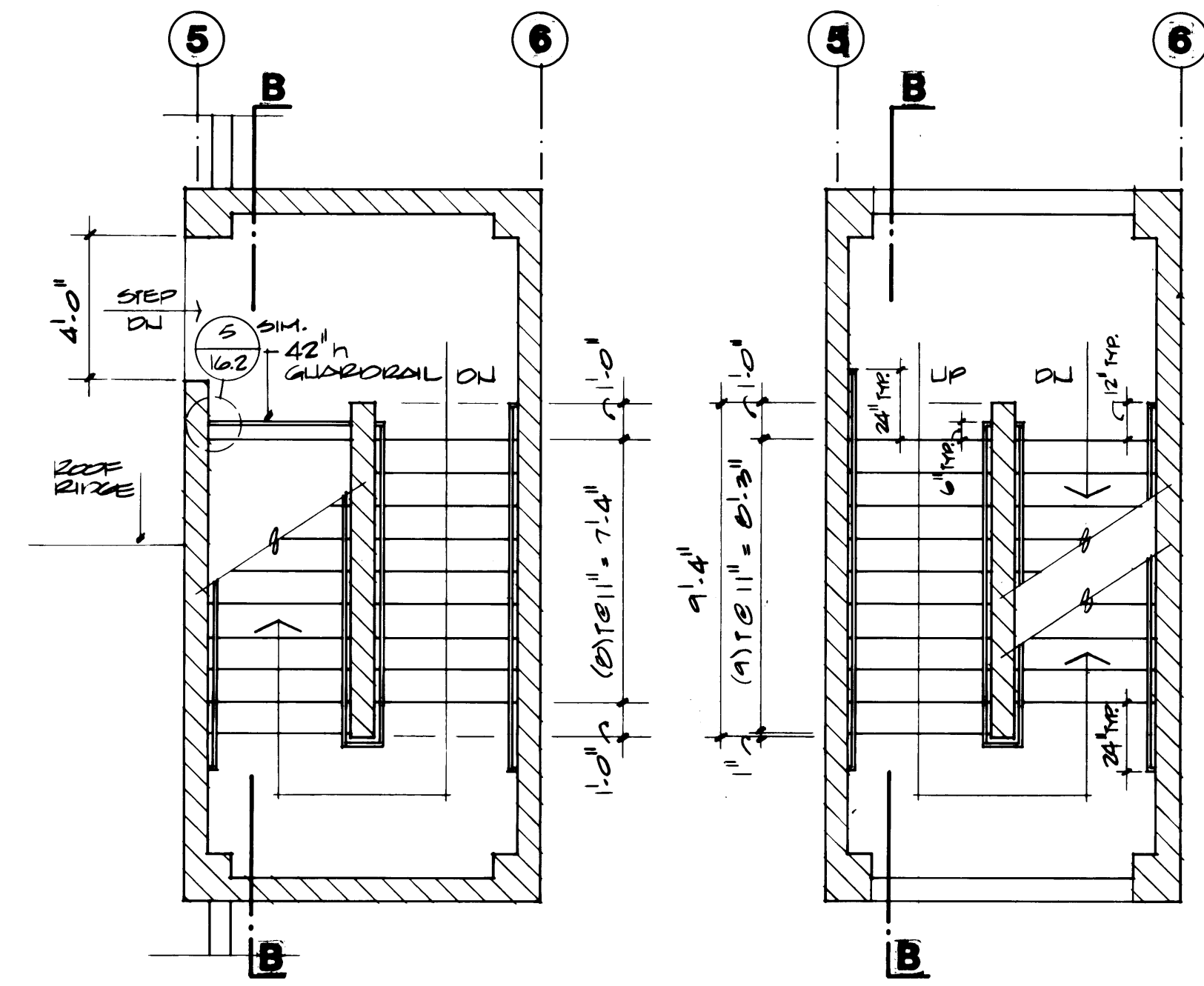
SCALE: 1/8" = 1'-0"
DRAWING NO. EP-3878-23
6-A2-4
SHEET A2-4 OF 5



STAIR PLAN
SECOND FLOOR LEVEL

STAIR PLAN
INTERMEDIATE LEVEL

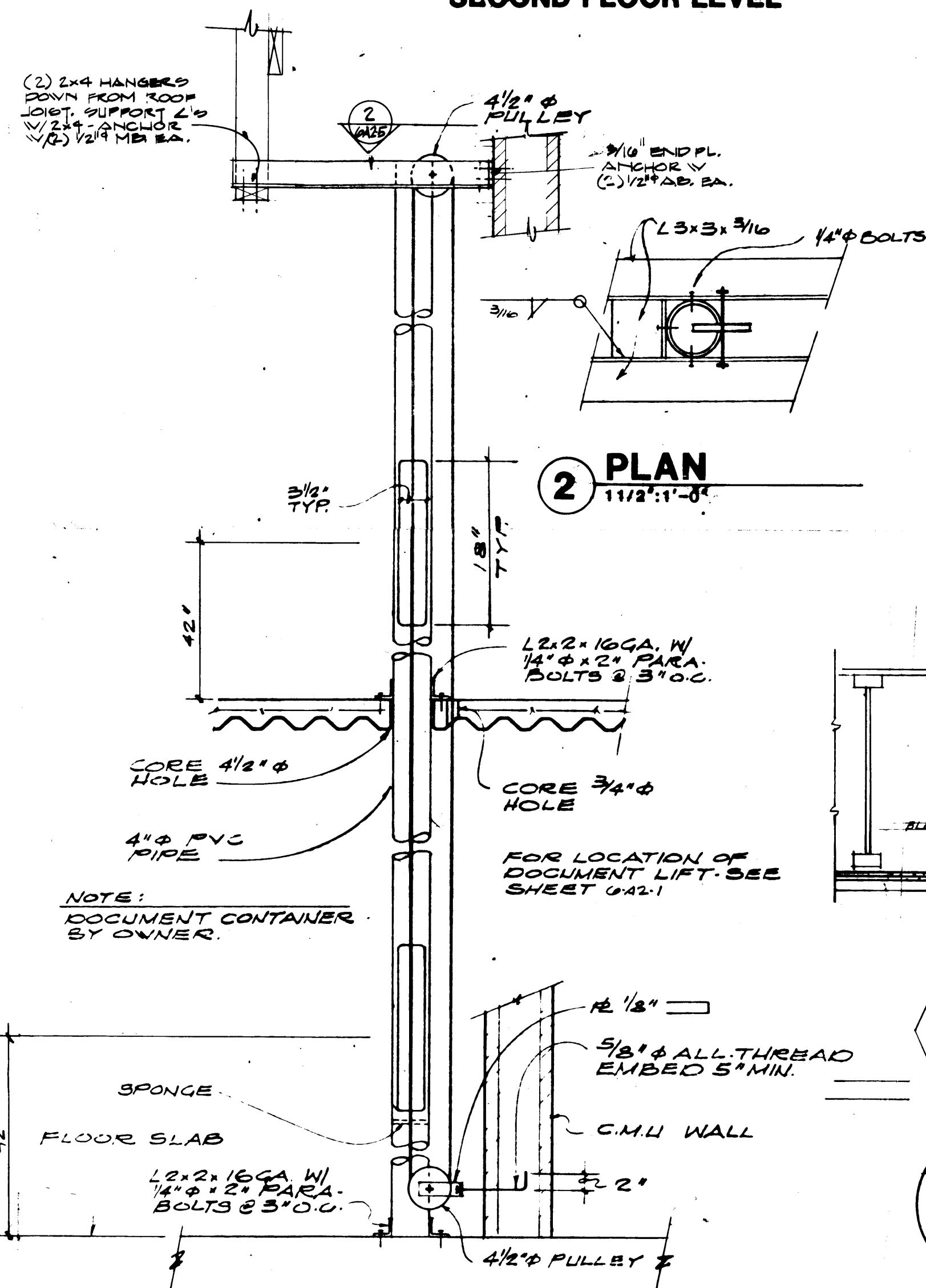
STAIR PLAN
FIRST FLOOR LEVEL
SCALE 1/4" = 1'-0"



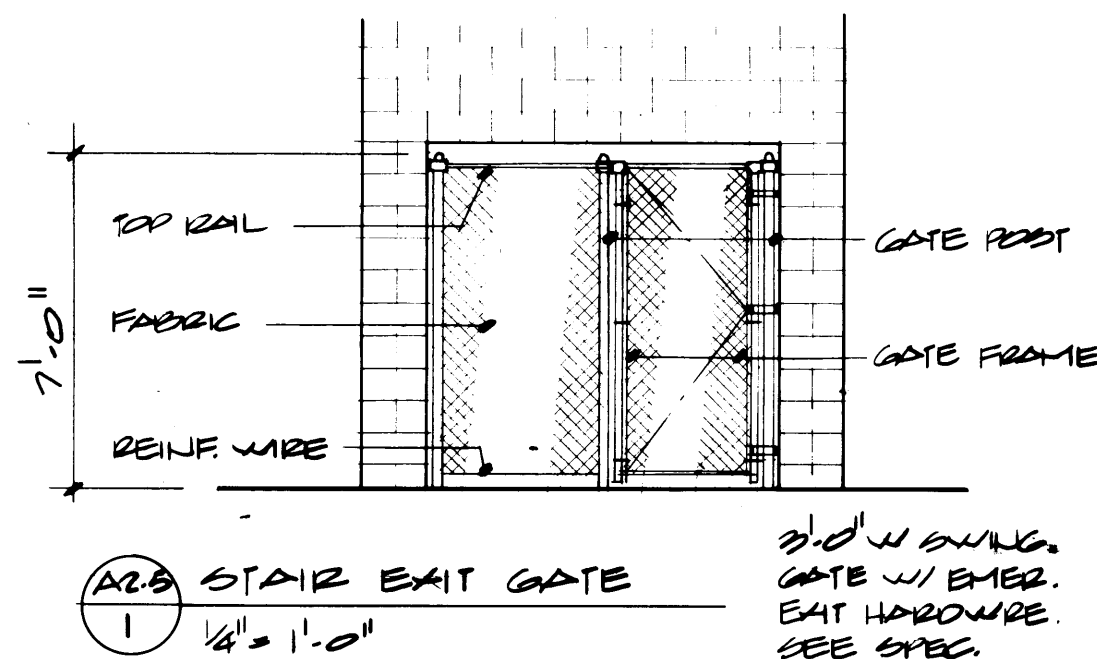
STAIR PLAN
SECOND FLOOR LEVEL

STAIR PLAN
INTERMEDIATE LEVEL

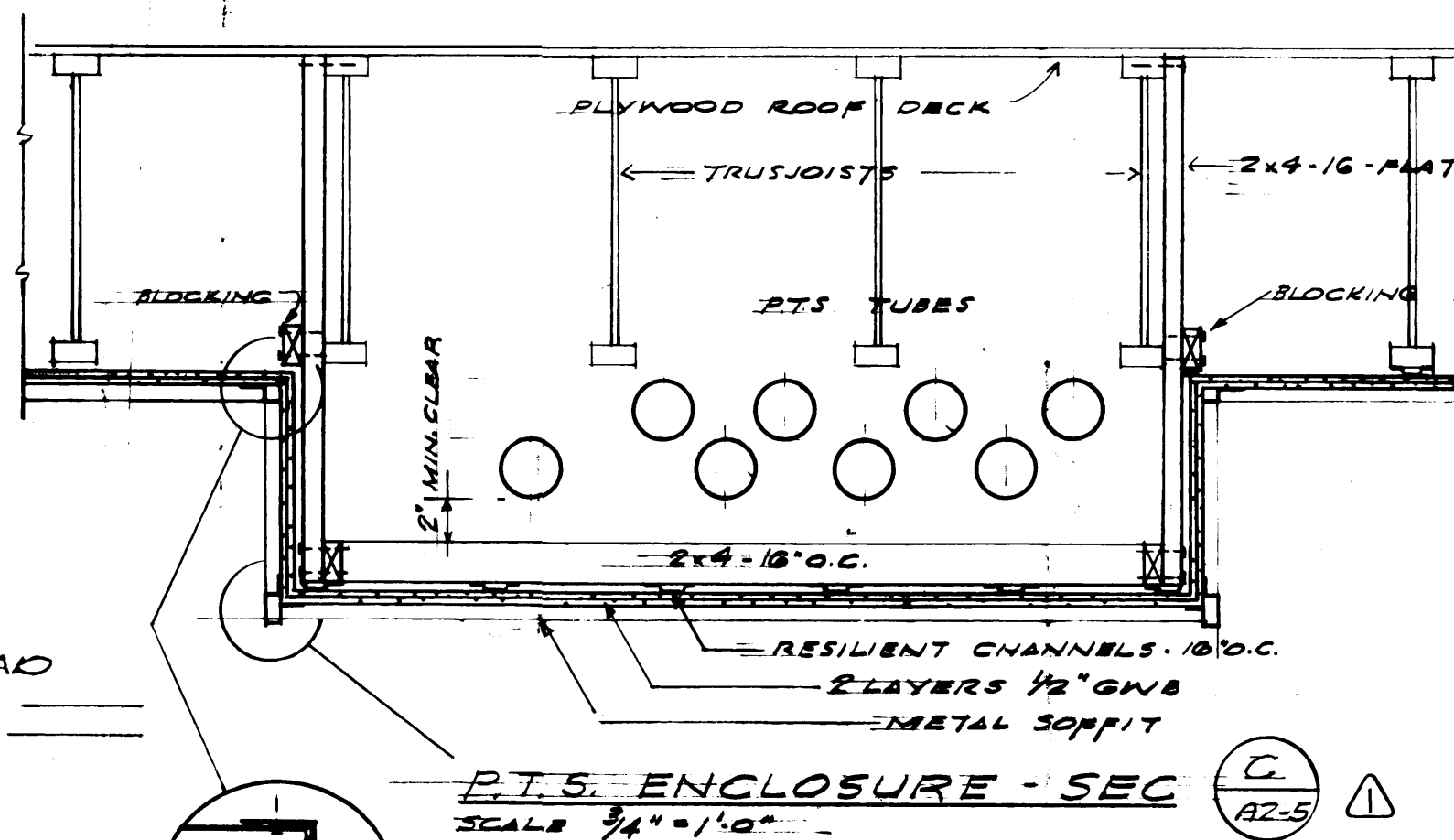
STAIR PLAN
FIRST FLOOR LEVEL
SCALE 1/4" = 1'-0"



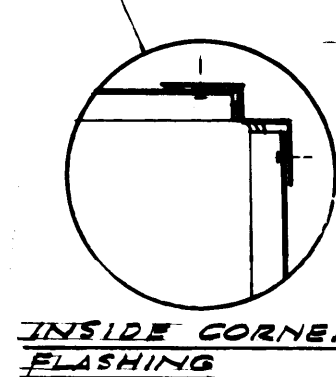
1 ELEVATION DOCUMENT LIFT
SCALE 1" = 1'-0"



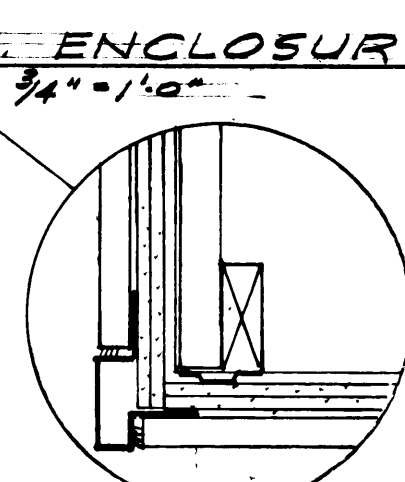
A2.5 STAIR EXIT GATE
SCALE 1/4" = 1'-0"



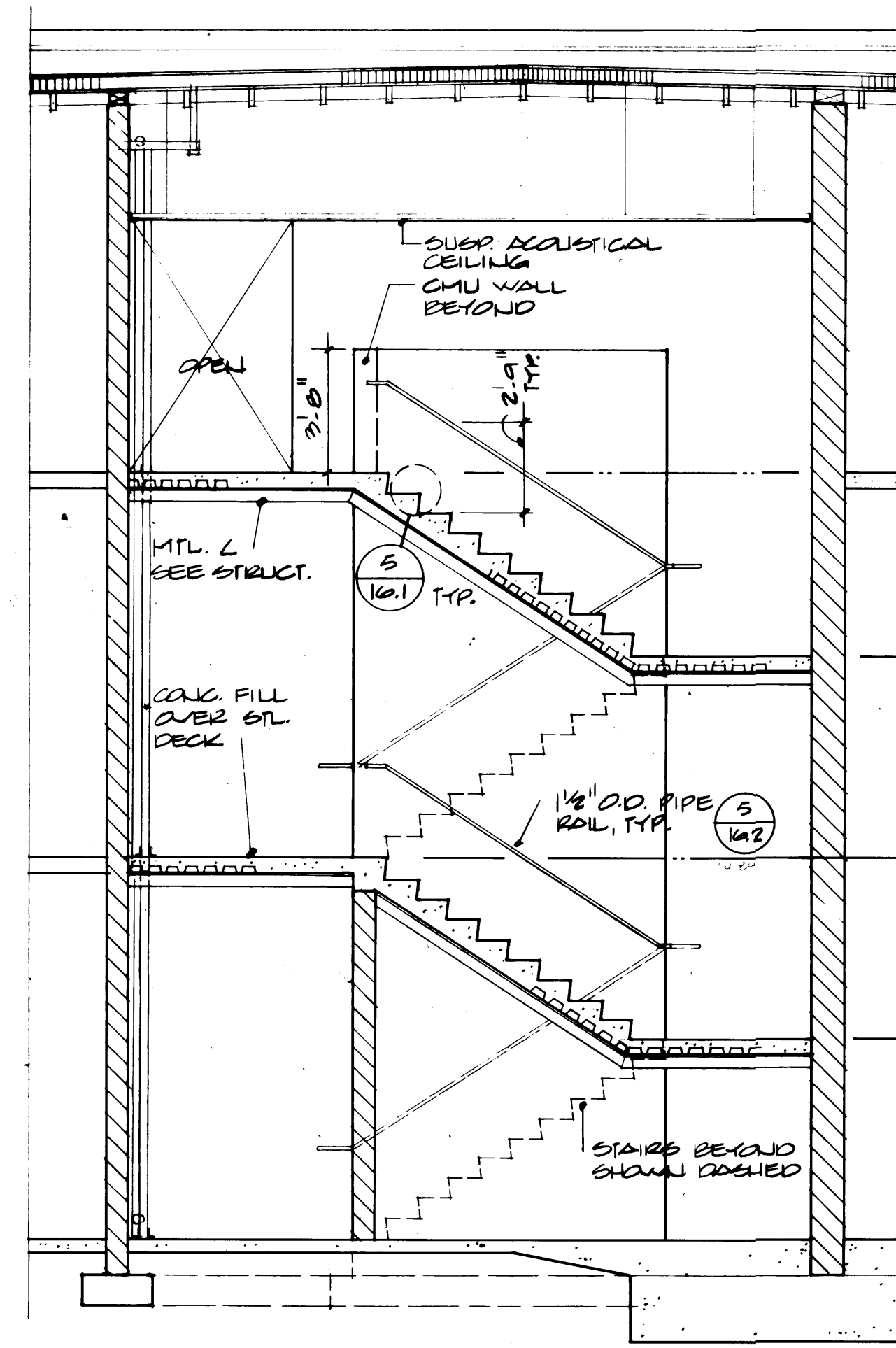
P.T.S. ENCLOSURE - SEC
SCALE 3/4" = 1'-0"



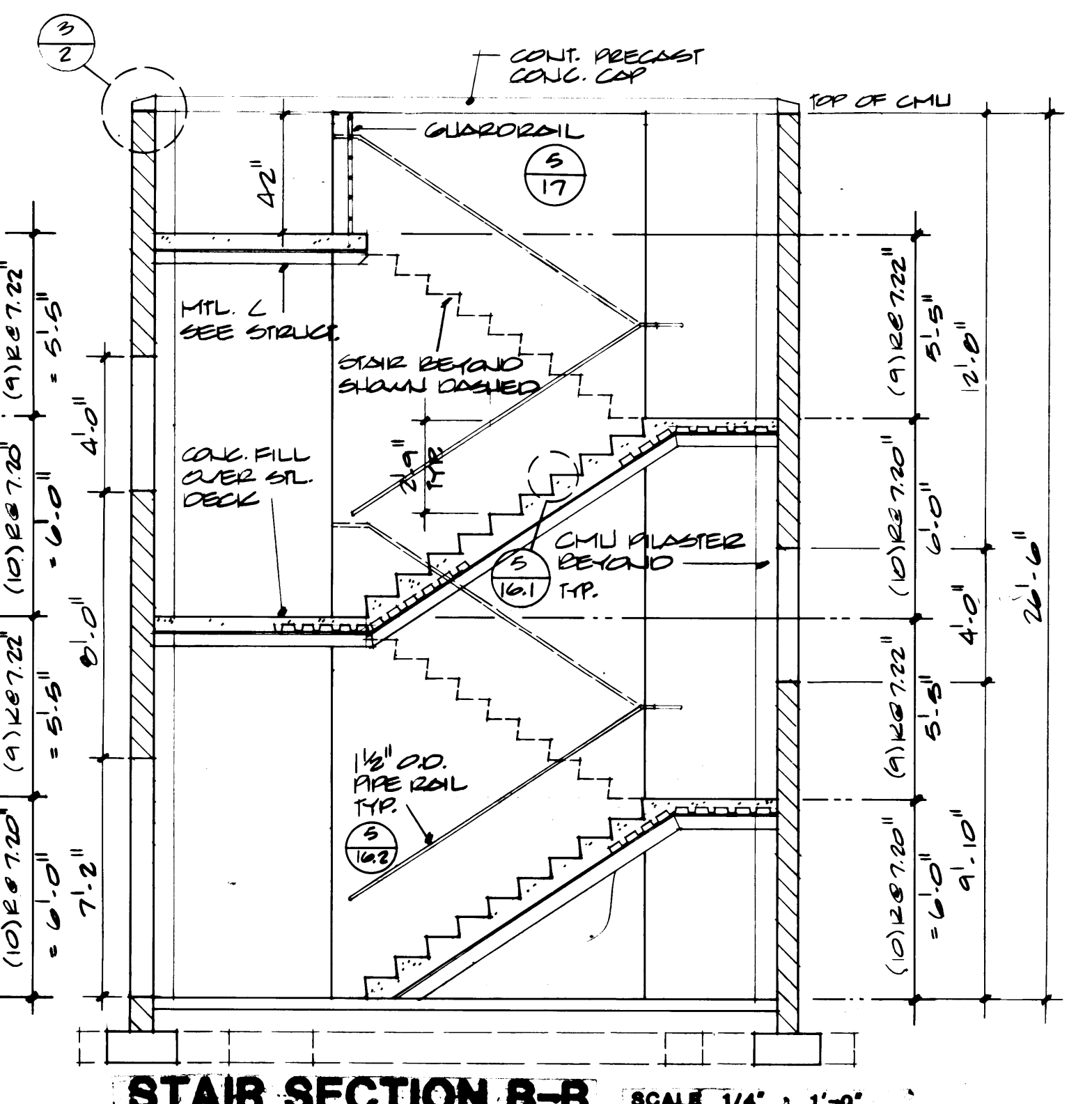
INSIDE CORNER FLASHING



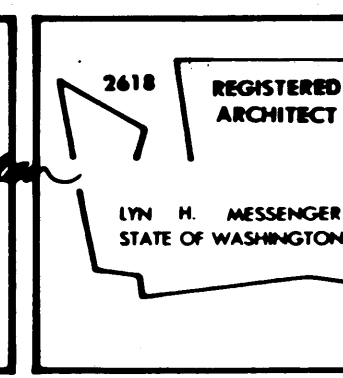
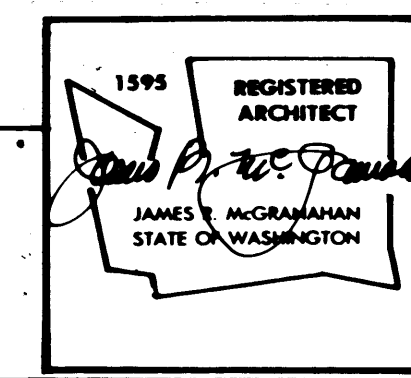
EXTERNAL CORNER FLASHING



STAIR SECTION A-A
SCALE 1/4" = 1'-0"



STAIR SECTION B-B
SCALE 1/4" = 1'-0"



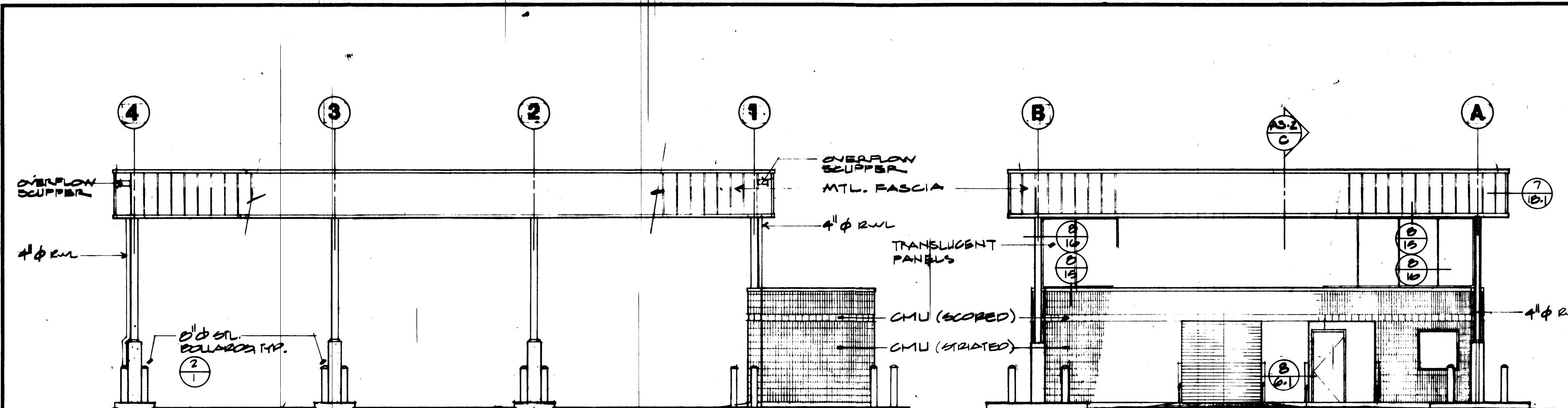
DRAWN	DATE
CHECKED	DATE
CHECKED	DATE
CHECKED	DATE
CONT. NO. 522	

PORT OF TACOMA
TACOMA TERMINALS, INC.
DOMESTIC EQUIPMENT CONTROL

MARK	REVISION	BY	APP.	DATE
1	REVISED TO AS-BUILT	R.J.S.		10/18/88

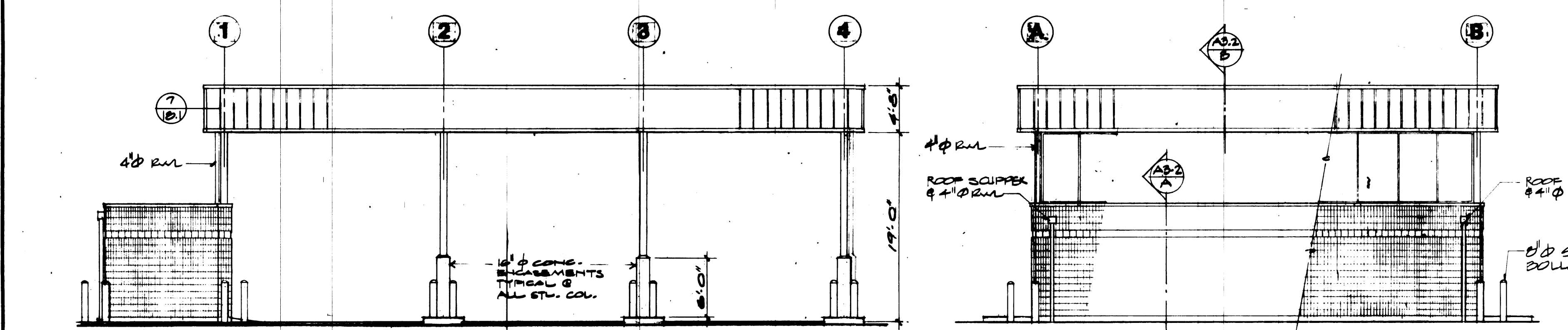
APPROVED	DATE
PROJECT MANAGER	DATE
CHIEF ENGINEER	DATE

SCALE	DRAWING NO.
1/4" = 1'-0"	EP-3078-23
	6-A2-5
	SHEET A2-5 OF 5



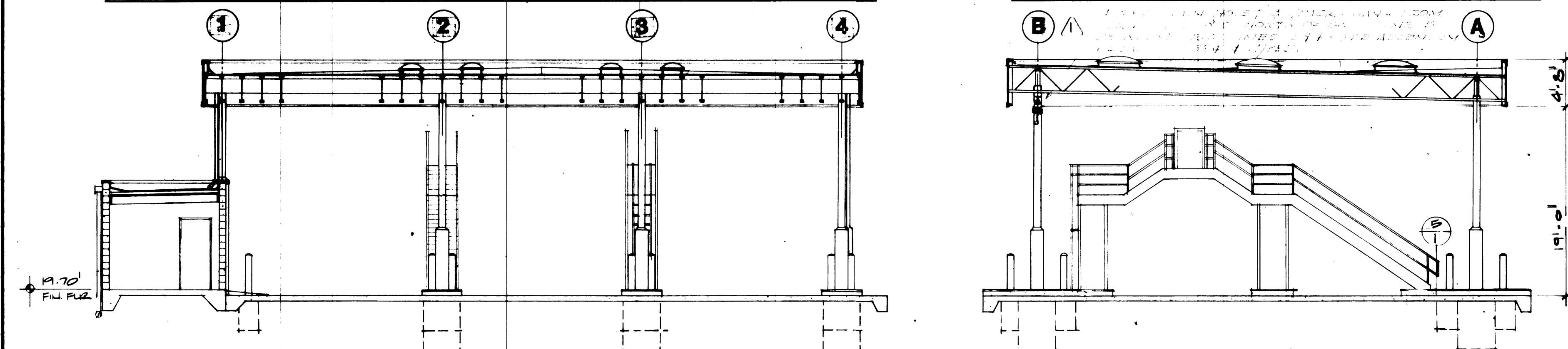
NORTH ELEVATION

EAST ELEVATION



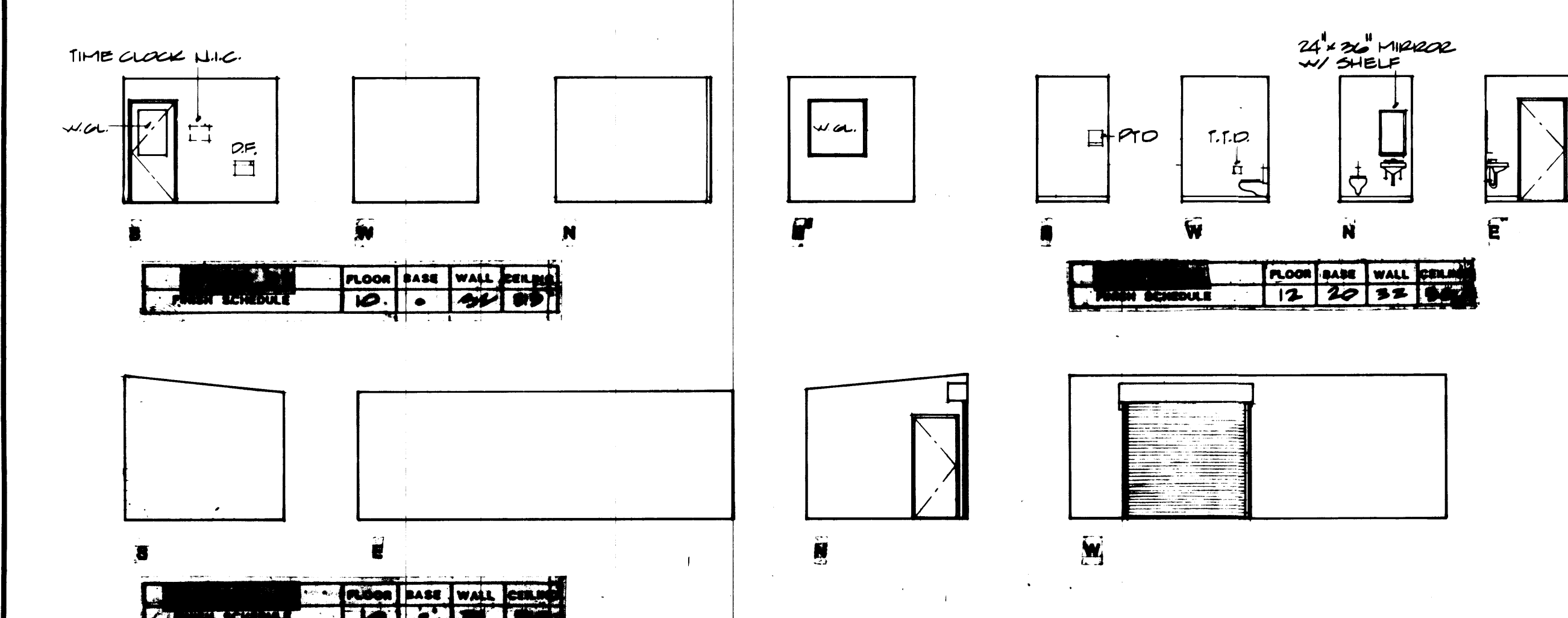
SOUTH ELEVATION

WEST ELEVATION



BUILDING SECTION A-A

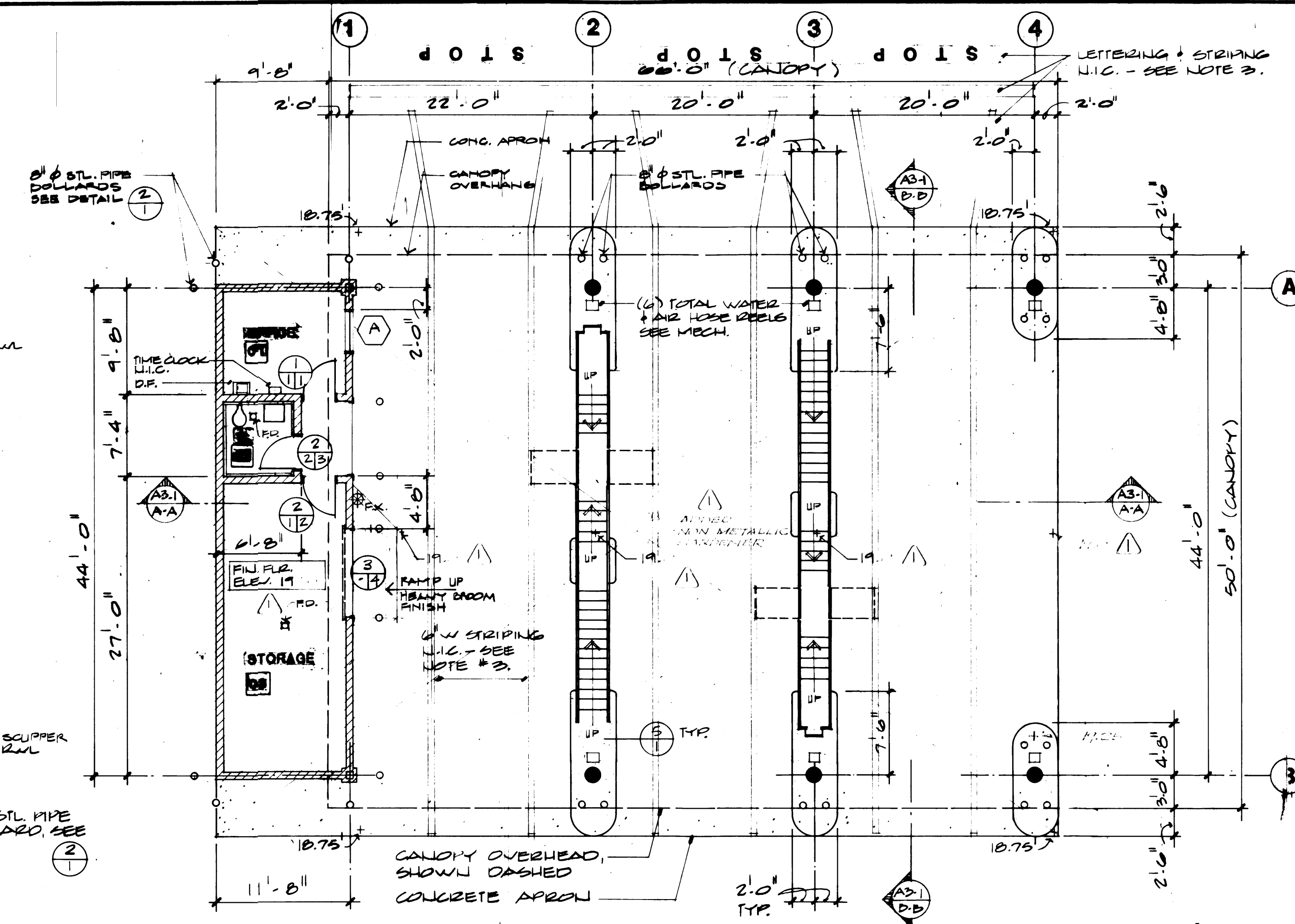
BUILDING SECTION B-B



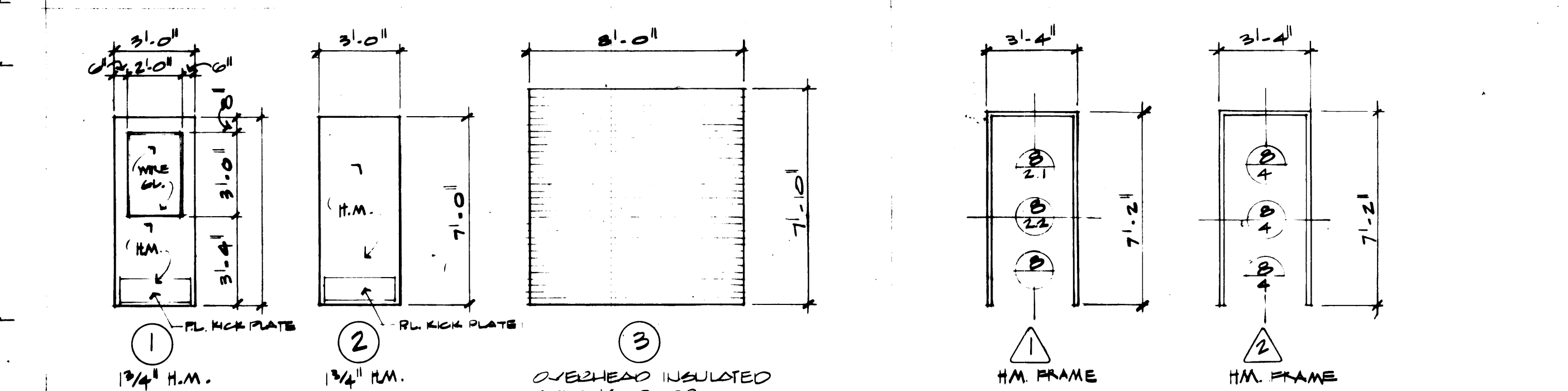
INTERIOR ELEVATIONS

SCHEDULE OF FINISH MATERIALS

FLOORS	BASE	WALLS	CEILINGS
10 Concrete Masses & Sealer	20 4" Rubber Base	30 Concrete Block Exposed	50 Structured Painted
11 Concrete - Light Broke Finish	22 Composition (6" Integral)	31 Concrete Block Painted	51 Concrete Block Exposed
12 V.A.T.	23 Ceramic Tile	32 Concrete Block Epoxy	52 Concrete Block Painted
13 Carpet		33 Concrete Exposed	53 Concrete Block Epoxy
14 Concrete - Sealer		34 Concrete Painted	54 Concrete Painted
15 Composition Flooring		35 Concrete Epoxy	55 Concrete Epoxy
16 Ceramic Tile		36 Plastic Laminate	56 Plastic Laminate
		37 Gypsum Wallboard Painted	57 Gypsum Wallboard Painted
		38 Gypsum Wallboard Exposed	58 Gypsum Wallboard Exposed
		39 Acoustic Panels	59 Acoustic Panels
		40 Ceramic Tile	60 Ceramic Tile
		41 Fiberglass Reinforced Panel	61 Fiberglass Reinforced Panel
		42 Gypsum Wallboard Vinyl Wall Covering	62 Gypsum Wallboard Vinyl Wall Covering



FLOOR PLAN
SCALE 1/8" = 1'-0"



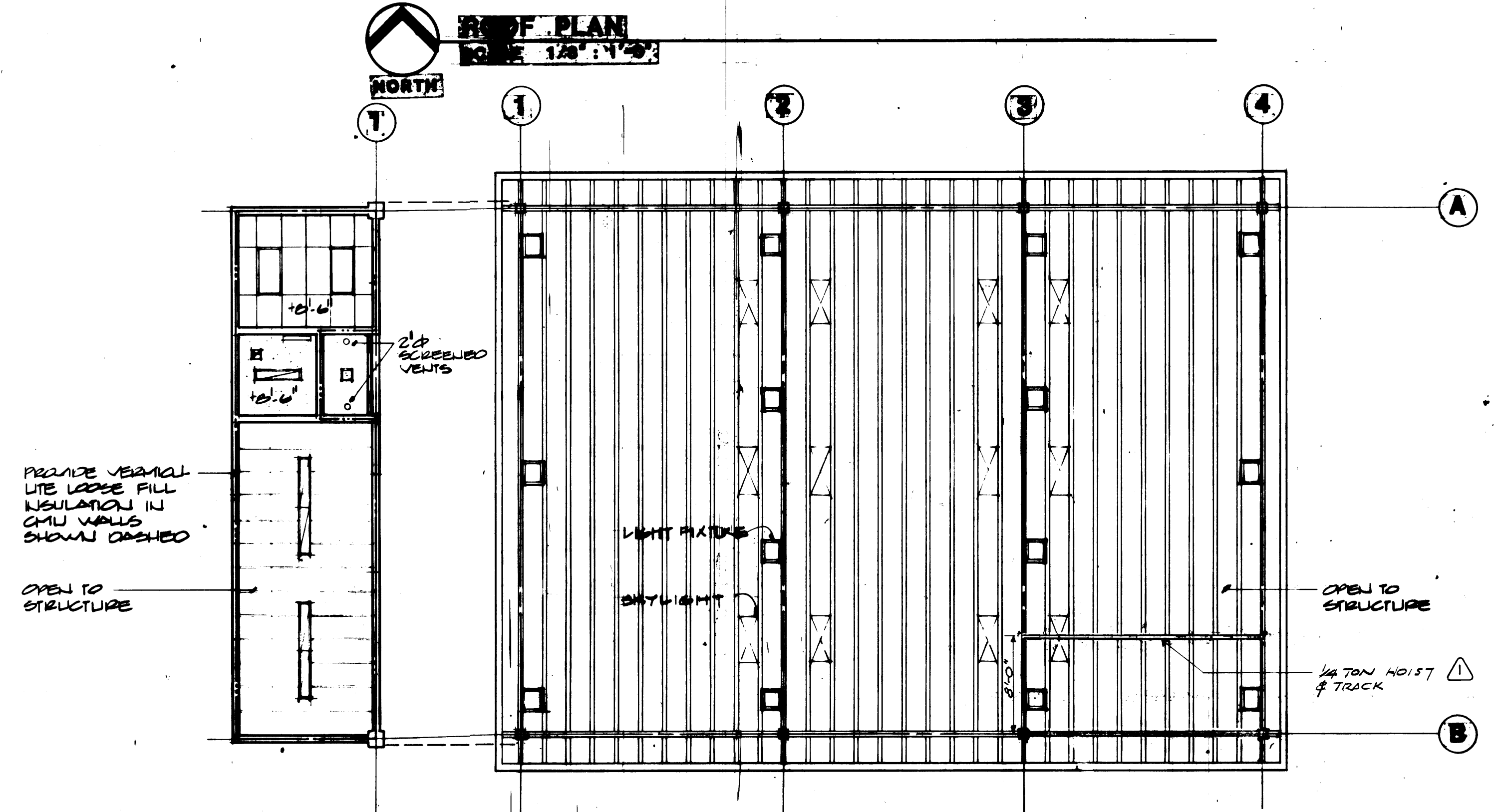
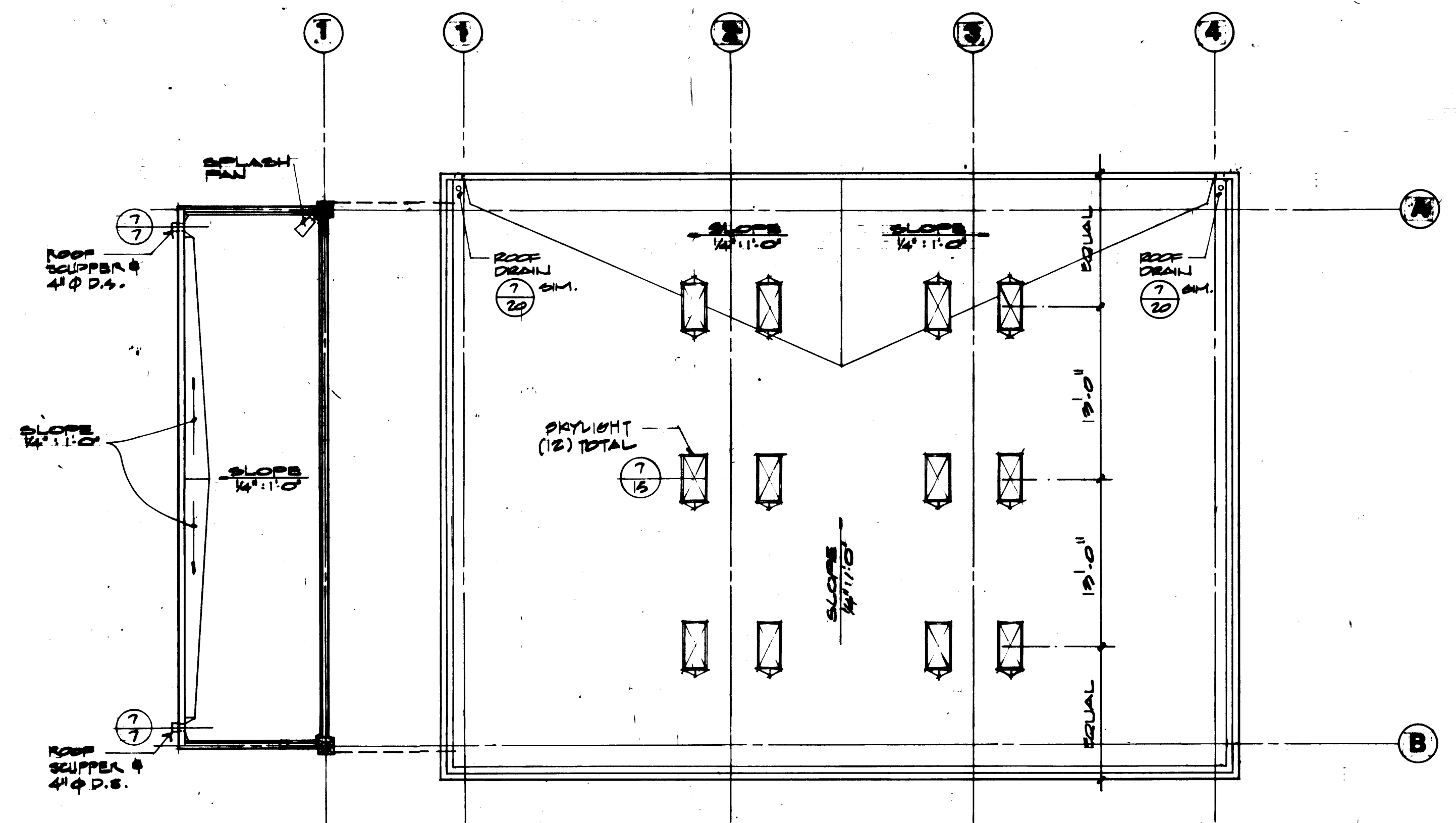
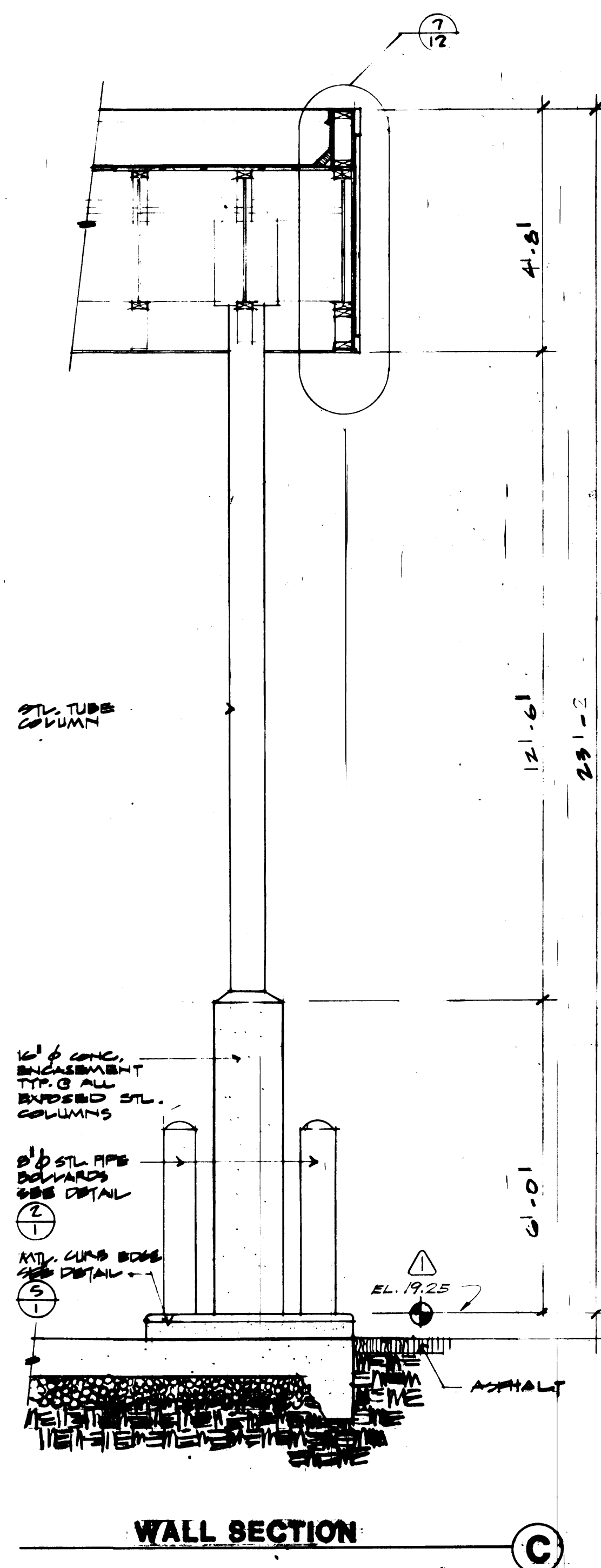
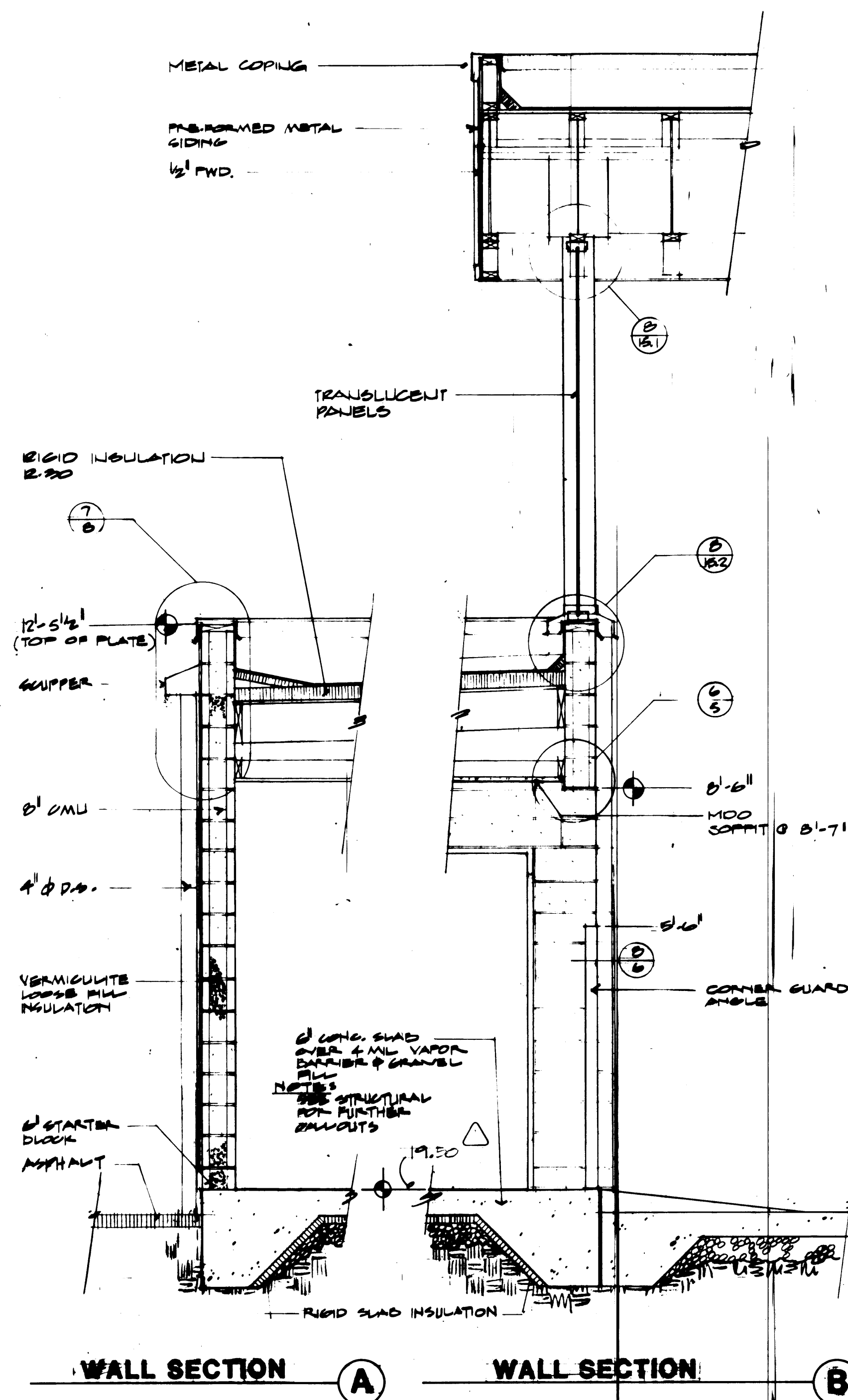
DOOR TYPES **FRAME TYPES**

NOTES:

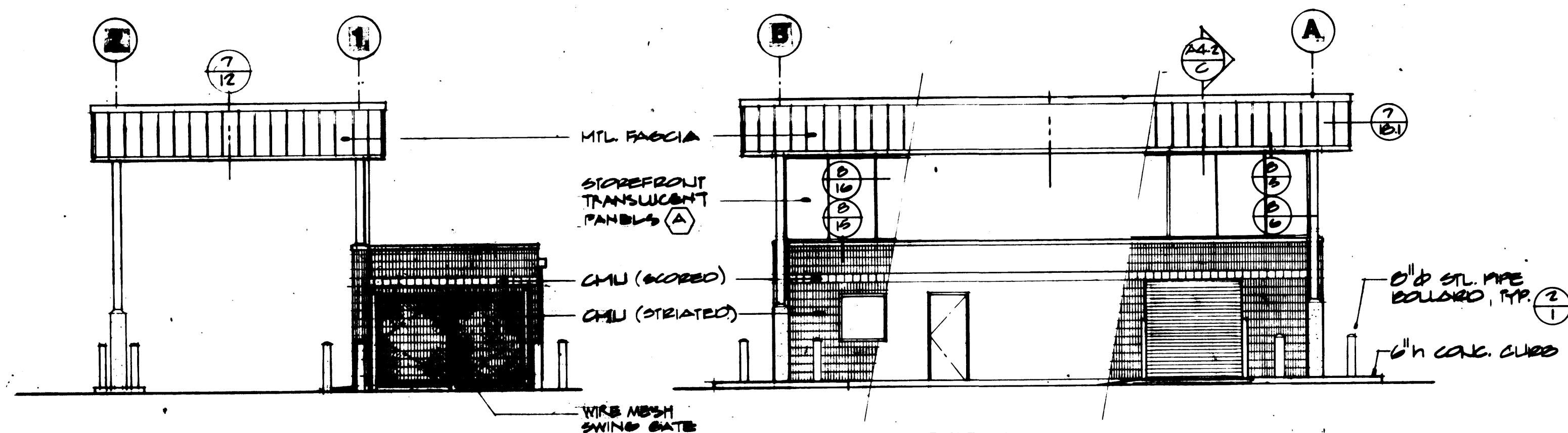
1. SLAB ALL FLOORS TO FLOOR DRAINS (FD) WHERE INDICATED.
2. PROVIDE AND INSTALL (28) TWENTY-EIGHT (28) 6" STEEL PIPE BOLLARDS AS INDICATED ON THE FLOOR PLAN. SEE DETAIL 2.
3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE APPLICATION OF ALL STRIPING WHICH FALLS UNDER A SEPARATE CONTRACT.

WINDOW TYPES

McGRATH & MESSINGER ASSOCIATES ARCHITECTS/PLANNERS/ENGINEERS 1000 1st Avenue, Suite 1000, Tacoma, WA 98402		DRAWN BY: J.V. DATE: 1/24/64 CHECKED: [Signature] DATE: [Blank] CHECKED: [Signature] DATE: [Blank] CONT. NO. 556	PORT OF TACOMA TACOMA TERMINALS, INC. INSPECTION BUILDING
APPROVED: [Signature] PROJECT MANAGER: [Signature] CHIEF ENGINEER: [Signature]		SCALE: 1/8" = 1'-0" DRAWING NO.: EP-3878-23 SHEET: A3-1 OF 1	DATE: 1/24/64

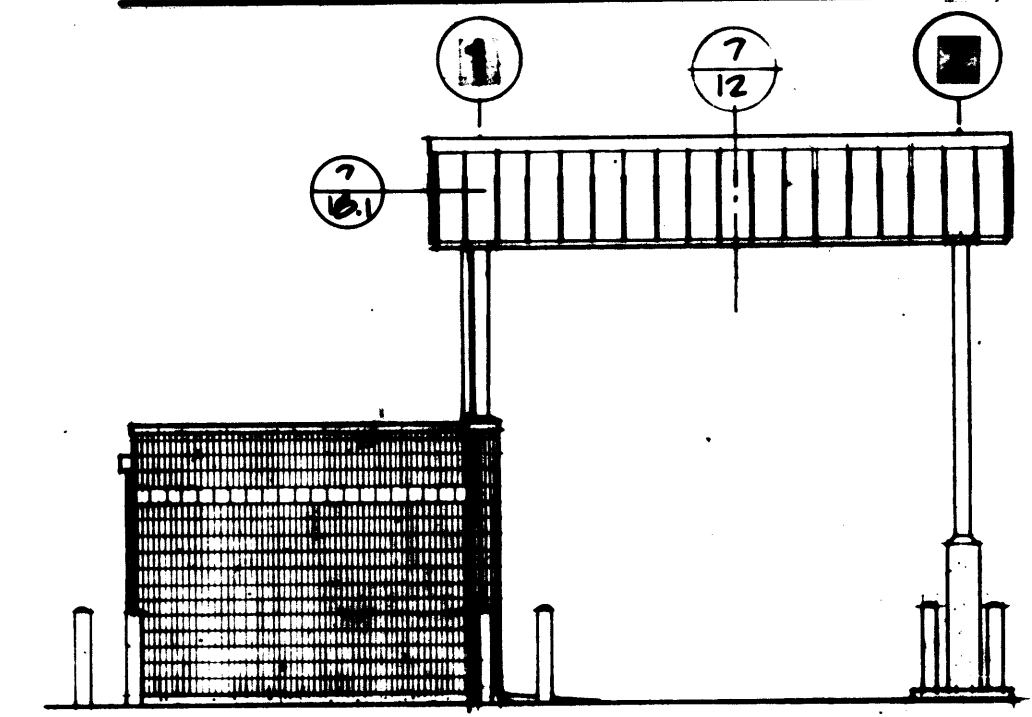


McGRATH & MESSENGER ASSOCIATES ARCHITECTS/ENGINEERS		PORT OF TACOMA TACOMA TERMINALS, INC. WAREHOUSE BUILDING	
DRAWN: <i>[Signature]</i> DATE: 4/24/84 CHECKED: <i>[Signature]</i> DATE: 4/24/84 CHECKED: <i>[Signature]</i> DATE: 4/24/84 CONT. NO. 558		SCALE: 1/4" = 1'-0" SHEET: A1-2 OF 2	
REVISION: <i>[Signature]</i> DATE: 4/24/84 BY: <i>[Signature]</i> APP. DATE: 4/24/84		PROJECT MANAGER: <i>[Signature]</i> DATE: 4/24/84 CHIEF ENGINEER: <i>[Signature]</i> DATE: 4/24/84	

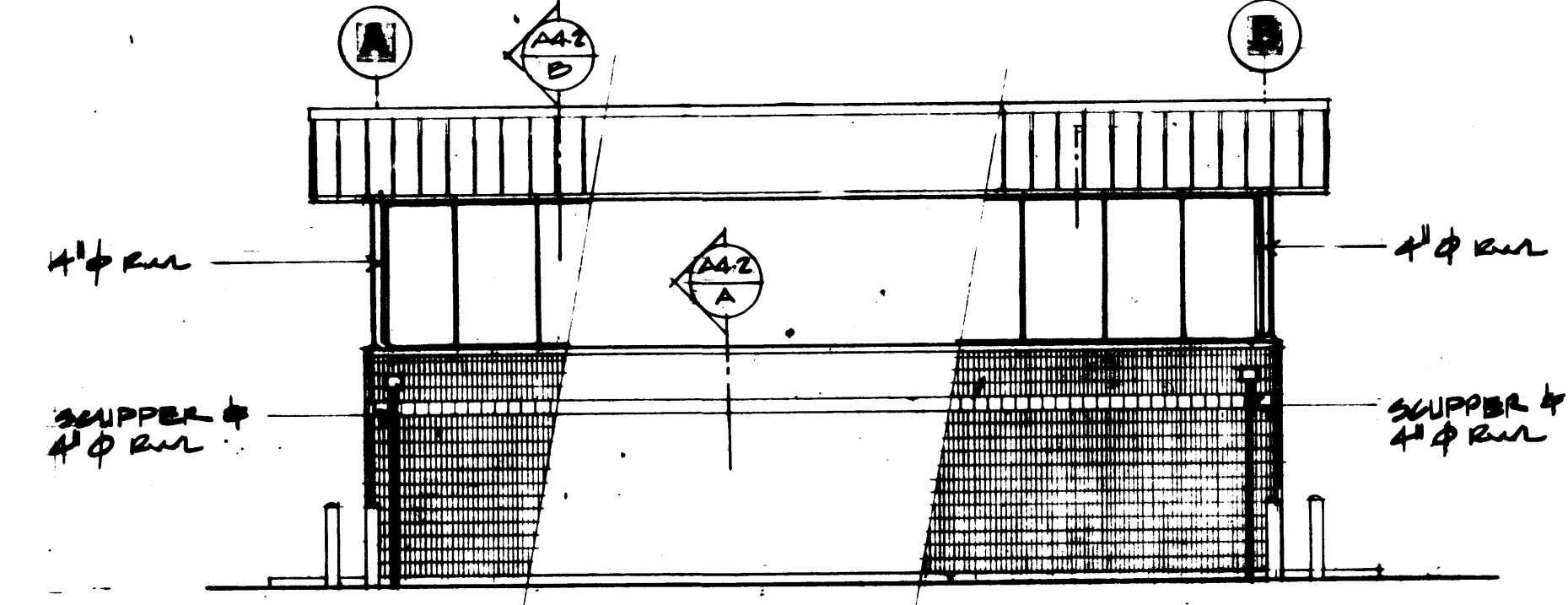


NORTH ELEVATION

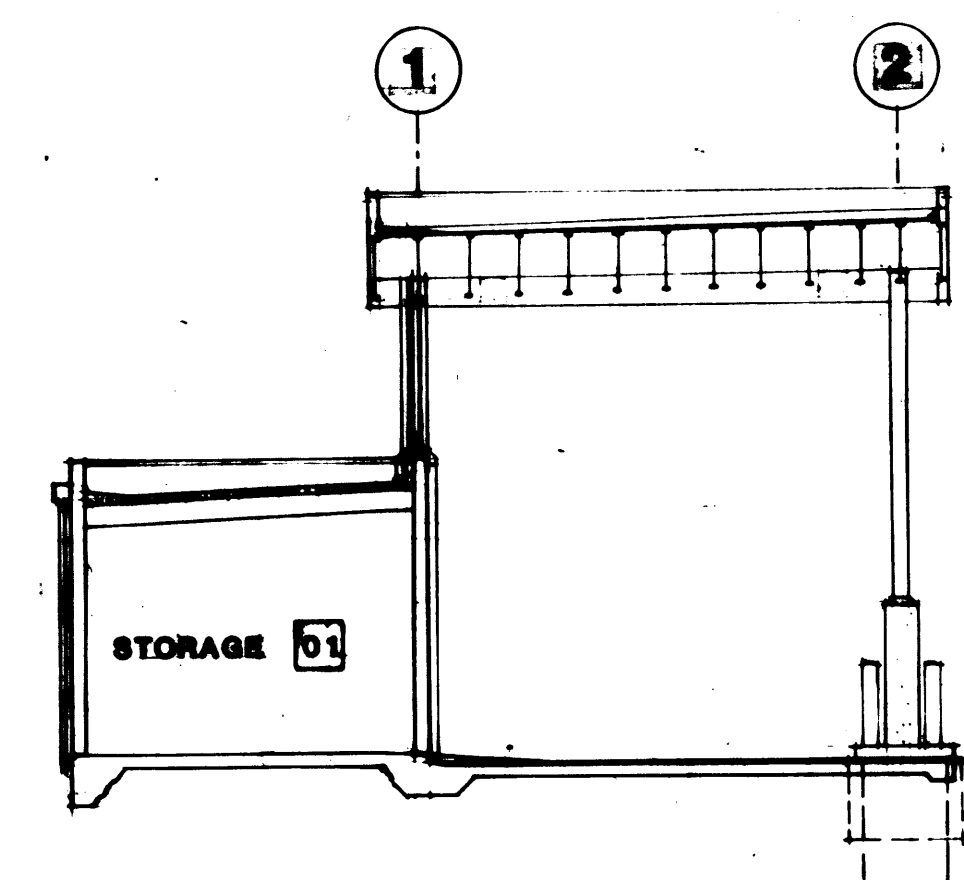
EAST ELEVATION



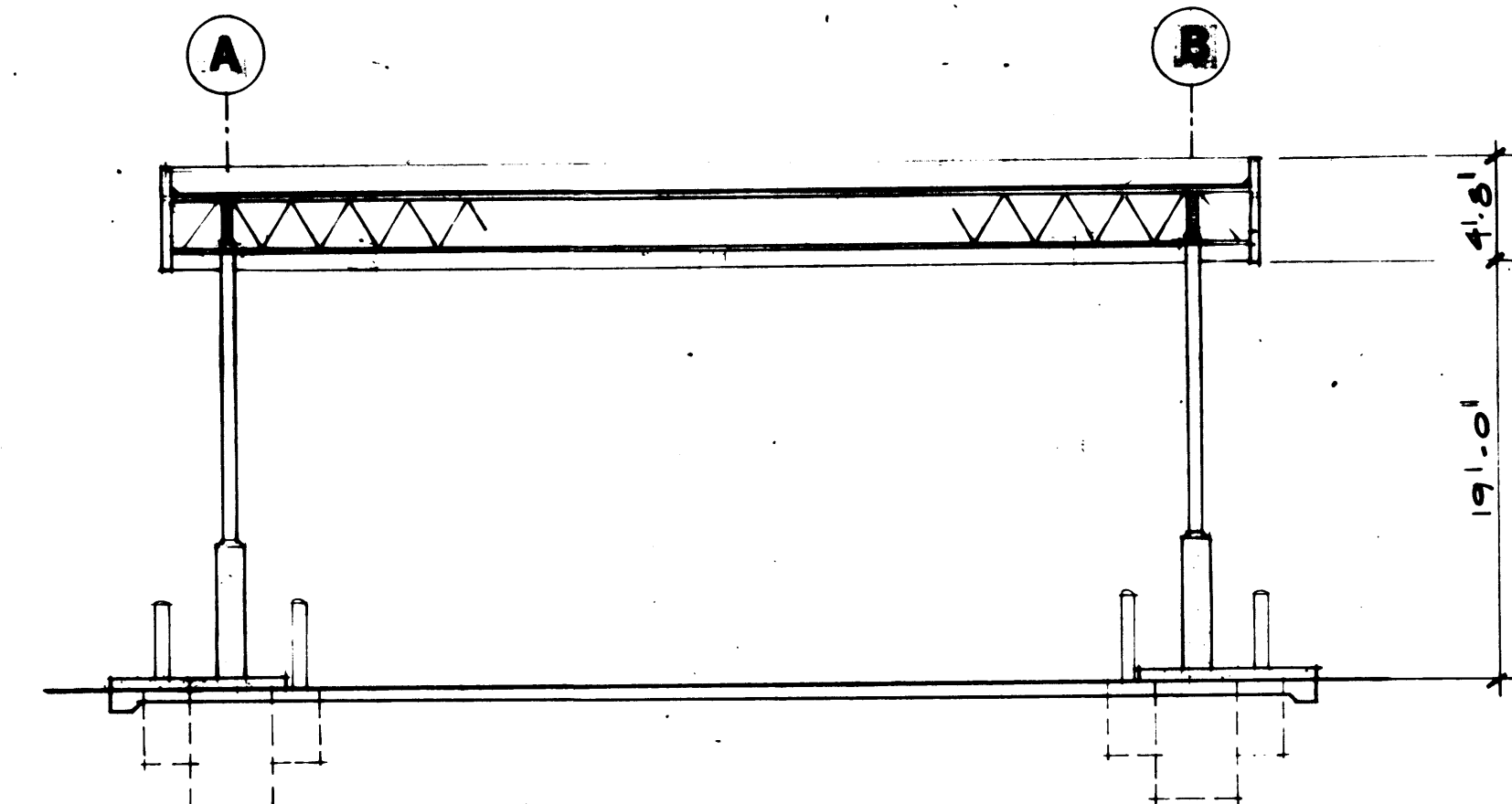
SOUTH ELEVATION



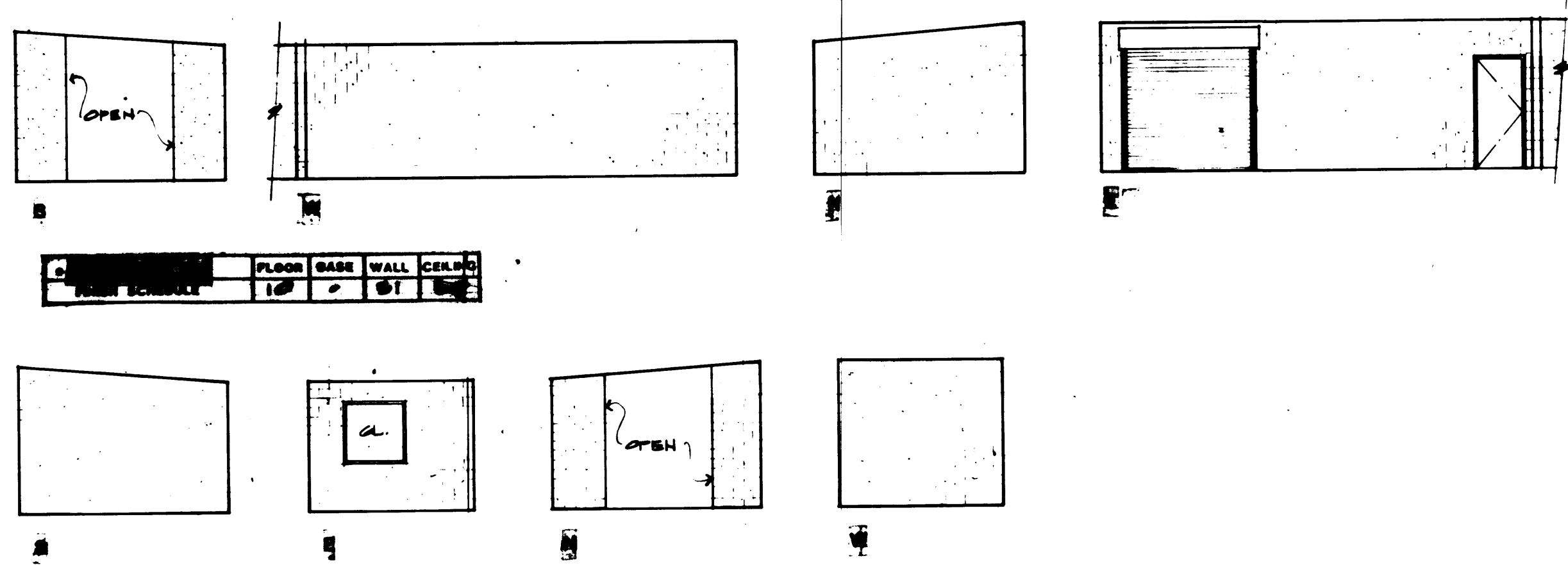
WEST ELEVATION



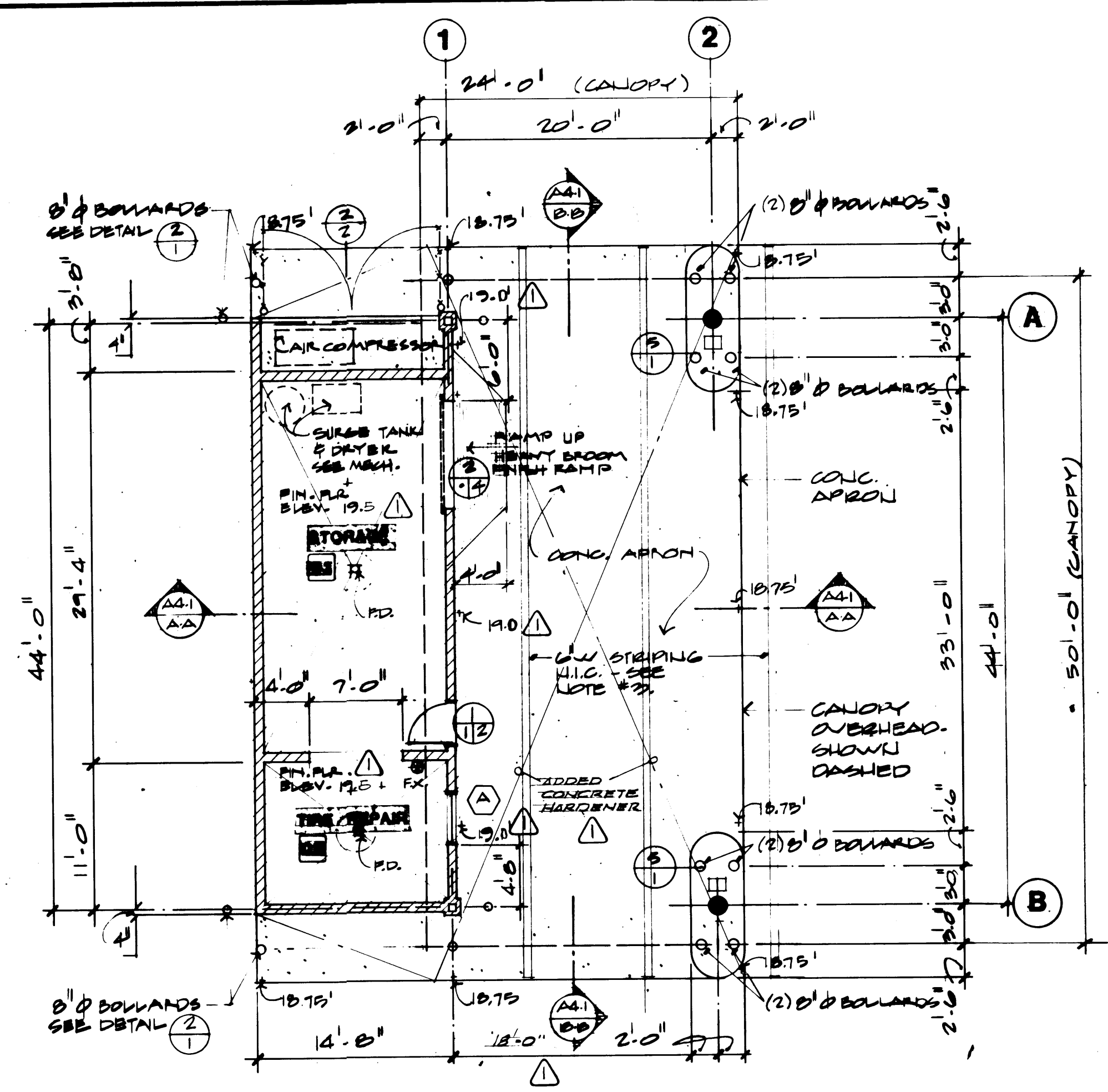
BUILDING SECTION A-A



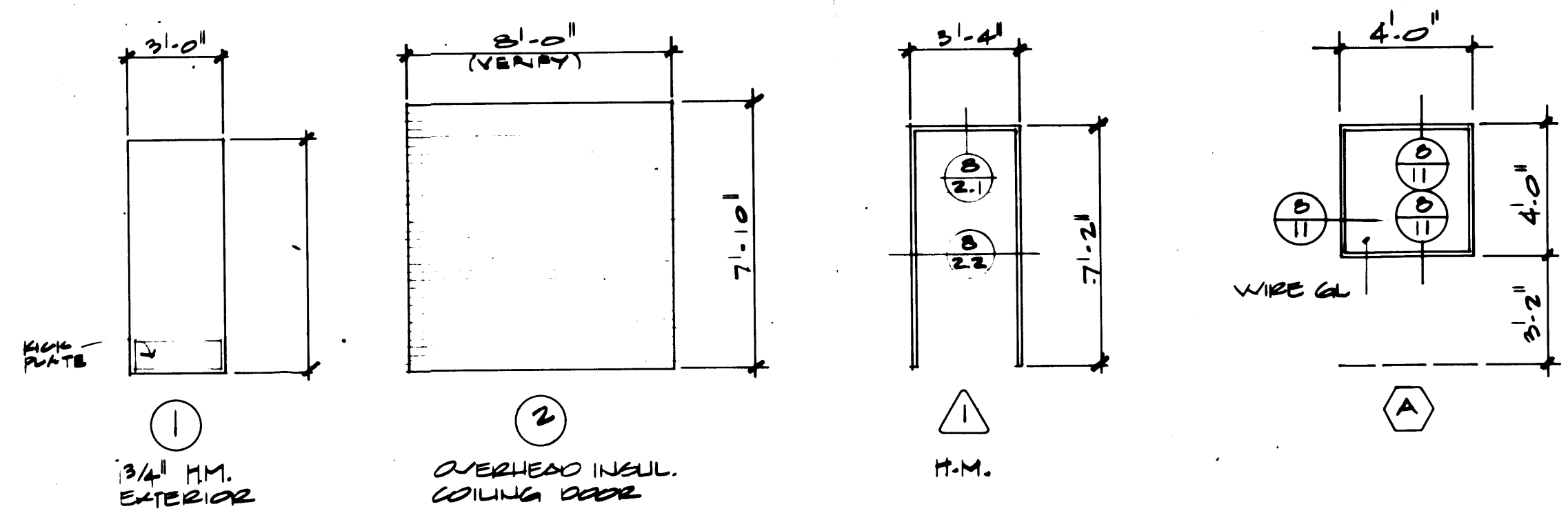
BUILDING SECTION B-B



INTERIOR ELEVATIONS



FLOOR PLAN
SCALE 1/8" = 1'-0"



DOOR TYPES **FRAME TYPE** **WINDOW TYPE**

SCHEDULE OF FINISH MATERIALS

FLOORS

- Concrete Hardener & Sealer
- Concrete - Light Broom Finish
- V.A.T.
- Carpet
- Concrete - Sealer
- Composition Flooring
- Ceramic Tile

BASE

- 4" Rubber Base
- Composition (6" integral)
- Ceramic Tile

WALLS

- Concrete Block Exposed
- Concrete Block Painted
- Concrete Block Epoxy
- Concrete Exposed
- Concrete Painted
- Concrete Epoxy
- Plastic Laminate
- Gypsum Wallboard Painted
- Gypsum Wallboard Epoxy
- Acoustic Panels
- Ceramic Tile
- Fiberglass Reinforced Panel
- Gypsum Wallboard Vinyl Wall Covering

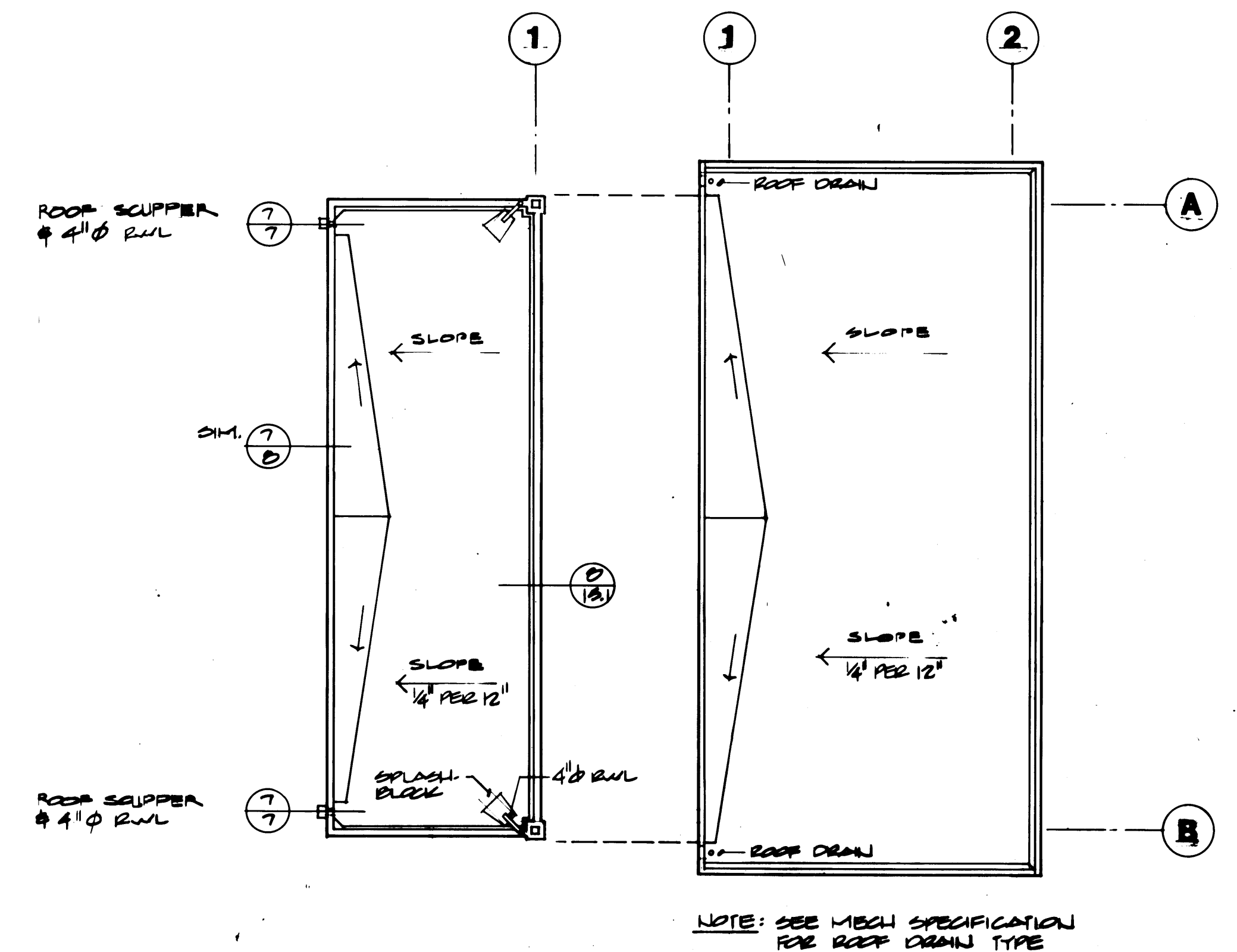
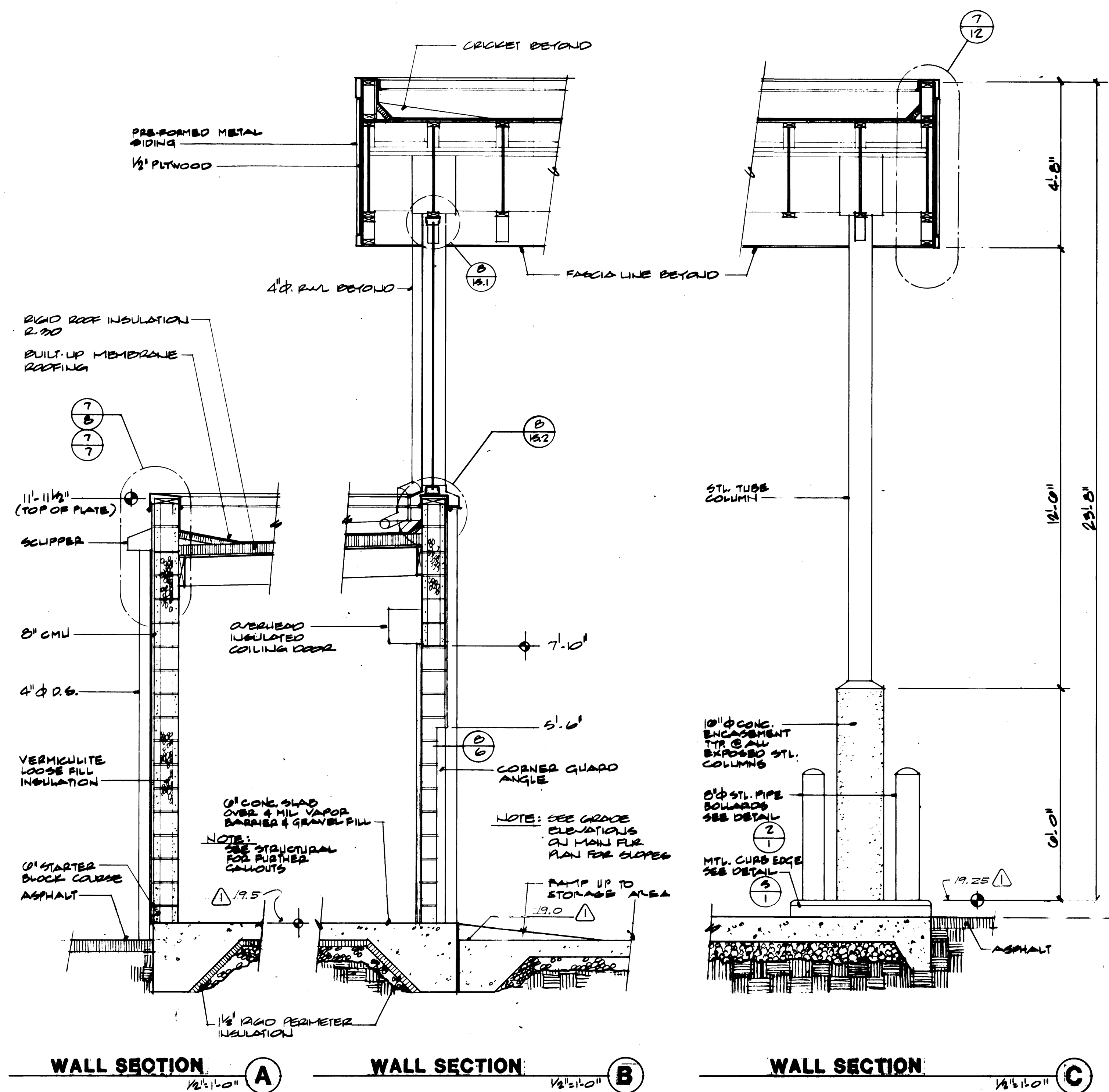
CEILINGS

- Structured Painted
- Concrete Deck Exposed
- Concrete Deck Painted
- Gypsum Wallboard Painted
- 12x12 Acoustic Panels Over Gypsum Wallboard
- 24x48 Acoustic Panels Suspended
- 12x12 Acoustic/Moisture Resistant Panel Over Gypsum Board
- Exposed Structure/Insulation
- Ceramic Tile

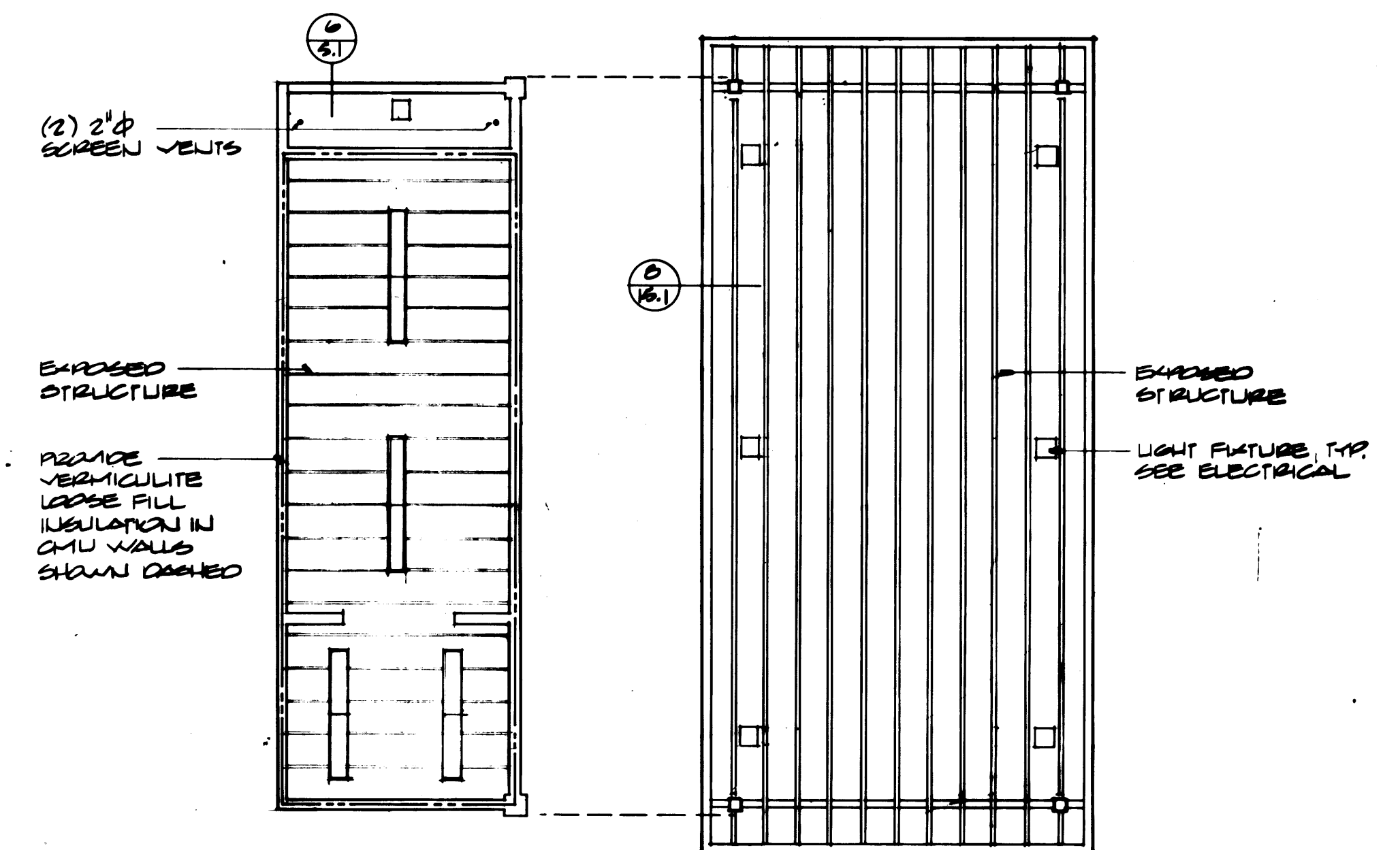
NOTES:

- SLATE ALL FLOORS WITH POSITIVE DRAINAGE TO FLOOR DRAINING (F.D.) INDICATED ON THE PLANS.
- PROVIDE AND INSTALL (16) SIXTEEN 0"Ø STEEL PIPE BOLLARDS AS INDICATED ON THE FLOOR PLAN. SEE DETAIL (2).
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE APPLICATION OF ALL STRIPING UNDER CANOPY WHICH FALLS UNDER SEPARATE CONTRACT.

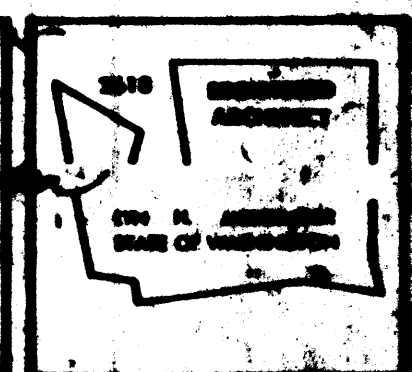
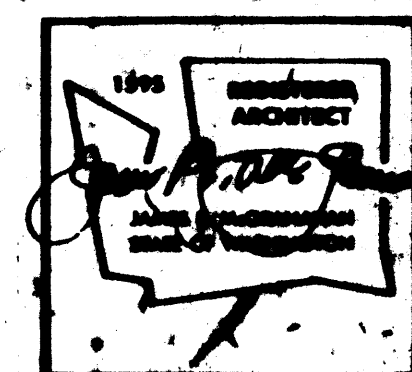
McGRANAHAN, MESSENGER ASSOCIATES ARCHITECTURE / PLANNING / INTERIOR 1000 1ST AVENUE, SUITE 200, SEATTLE, WA 98101 • (206) 325-3200		1995 REGISTERED ARCHITECT JAMES E. McGRANAHAN STATE OF WASHINGTON	2018 REGISTERED ARCHITECT LYNN H. MESSENGER STATE OF WASHINGTON	DRAWN BY: <i>[Signature]</i> DATE: 4/22/84 CHECKED: _____ DATE: _____ CHECKED: _____ DATE: _____ CONT. NO. 552	PORT OF TACOMA TACOMA TERMINALS, INC. TIRE REPAIR BUILDING	SCALE 1/8" = 1'-0" DRAWING NO. EP-3878-23 6-A4-1 SHEET A4-1 OF 8
REVISION: REVISED TO AS-BUILT BY: A.J.S. DATE: 10/4/85		APPROVED: <i>[Signature]</i> PROJECT MANAGER DATE: _____ CHIEF ENGINEER		FIELD BOOK (S) _____ SCALE 1/8" = 1'-0"		



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



REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"



DRAWN	DATE
CHECKED	DATE
CHECKED	DATE
CHECKED	DATE
CONT. NO.	

PORT OF TACOMA
TACOMA TERMINALS, INC.
FIRE REPAIR BUILDING

McGraw-Hill
CONSTRUCTION INFORMATION GROUP
ASSOCIATES

MARK	REVISION	BY	APP.	DATE
	REVISED TO AS-BUILT			10-4-88

APPROVED	DATE	SCALE	DRAWING NO.
	4/24/88	1/8" = 1'-0"	EP-1878-88
PROJECT MANAGER	DATE	SHEET	1 OF 1
CHIEF ENGINEER	DATE		

SYSTEM LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	FIRE ALARM HORN	
	OUTDOOR FIRE ALARM HORN 10146	
	FIRE ALARM MANUAL PULL STATION	
*	FIXED TEMPERATURE HEAT DETECTOR 190°	CEILING
*	RATE OF RISE HEAT DETECTOR	CEILING
	IONIZATION (SMOKE) DETECTOR	
	FIRE ALARM ANNUNCIATOR	
	DOOR HOLDER, 120 VOLT	COORDINATE W/ GENERAL CONTRACTOR
	INFRARED HEATER EMERSON * RDO 35-305, 3 KW, 480 VOLT METAL SHEATH ELEMENT	SEE DETAIL
	WALL HEATER, SINGER * 6751-B-WJA12 120V, 750 WATT	SURFACE MT. 12'
	WALL HEATER, EMERSON * AWH-3157, 277 V, 1.5 KW, W/T-STAT	SURFACE MT.
	UNIT HEATER, EMERSON * MOH-03-7-MT1, 3 KW, 277V, W/T-STAT	WALL MT.

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
	BRANCH CIRCUIT HOME RUN TO PANEL BOARD.	
	CROSS LINES INDICATE NUMBER OF (1/2 MIN.) CONDUCTORS IN ADDITION TO GROUND. CONDUCTOR SIZE CONDUIT PER NEC	
	CONDUIT TURNED UP	
	CONDUIT TURNED DOWN	
	CONDUIT & WIRING CONCEALED IN OR UNDER FLOOR	
	CONDUIT EXPOSED	
	CONDUIT & WIRING CONCEALED IN WALLS & CEILING	
	CONDUIT STUBBED-OUT AND CAPPED	
	MAIN DISTRIBUTION PANEL OR SWITCHBOARD	
	LIGHTING OR POWER PANEL	
	SWITCHES, SINGLE POLE, 3 WAY, 277 VOLT	*48"
	SWITCH W/ PILOT LIGHT, 277 VOLT	
	DUPLEX RECEPTACLE, 120V, 15 AMP	*24" SHOP AREA *12" OFFICE AREA
	SINGLE RECEPTACLE	SEE SPECIFICATION
	GROUND FAULT RECEPTACLE	SEE SPEC.
	FLOOR BOX WITH RECEPTACLE SURFACE FITTING WALKER 800 SERIES W/ BRASS COVER PLATE & CARPET RING	FLOOR
	480V, WELDING OUTLET, 30 AMP. TYPE NATIONAL - P-207072	*48"
	220V OUTLET, 30 AMP 3 PHASE	*48"
	50 AMP, RANGE OUTLET	
	30 AMP 120V OUTLET	*24"
	WIRE HOLD 2000 W/ RECEPTACLE 15" ON CENTER	
	FLOOR BOX FOR TELEPHONE/COMPUTER DATA SERVICE WALKER 800 SERIES W/ BRASS COVER PLATE & CARPET RING	FLOOR
	TELEPHONE OUTLET W/ 3/4" C. STUB UP TO CEILING SPACE OR AS SHOWN.	
	COMPUTER DATA OUTLET W/ 3/4" C. STUB UP TO CEILING SPACE OR AS SHOWN.	
	3 POLE UNFUSED DISCONNECT SWITCH	
	3 POLE FUSED DISCONNECT SWITCH, FUSED AS INDICATED.	
	COMBINATION MOTOR CONTROLLER	
	MOTOR CONNECTION	
WP	WEATHER PROOF	
EP	EXPLOSION PROOF	
M.C.	MECHANICAL CONTRACTOR	
E.C.	ELECTRICAL CONTRACTOR	
	JUNCTION BOX W/ COVER PLATE.	
	EQUIPMENT SYMBOL - MECHANICAL EQUIPMENT	
	MACHINE TOOL & SHOP EQUIPMENT	
	START - STOP PUSHBUTTON CONTROL STATION	*48"

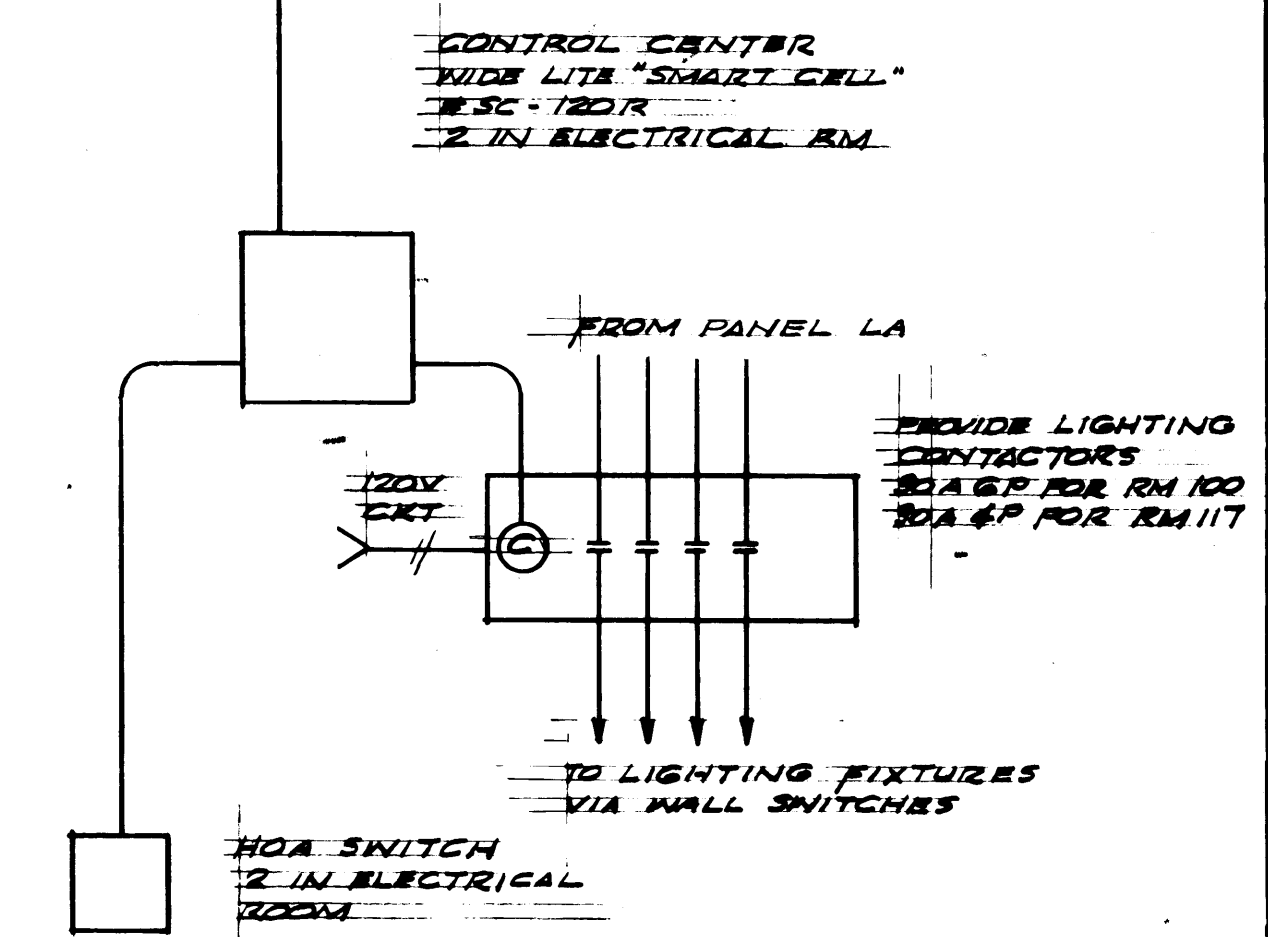
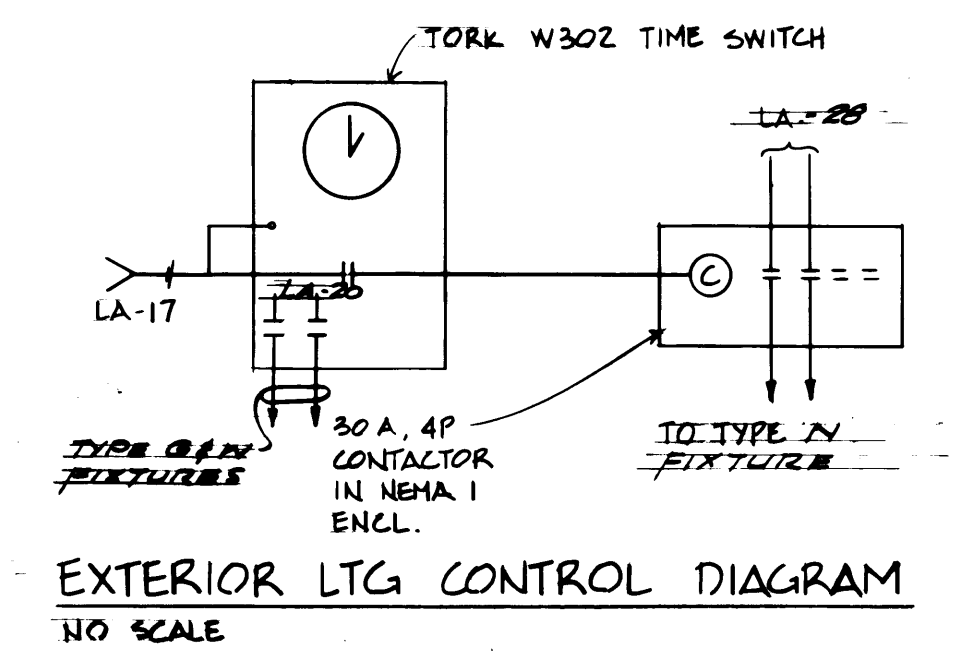
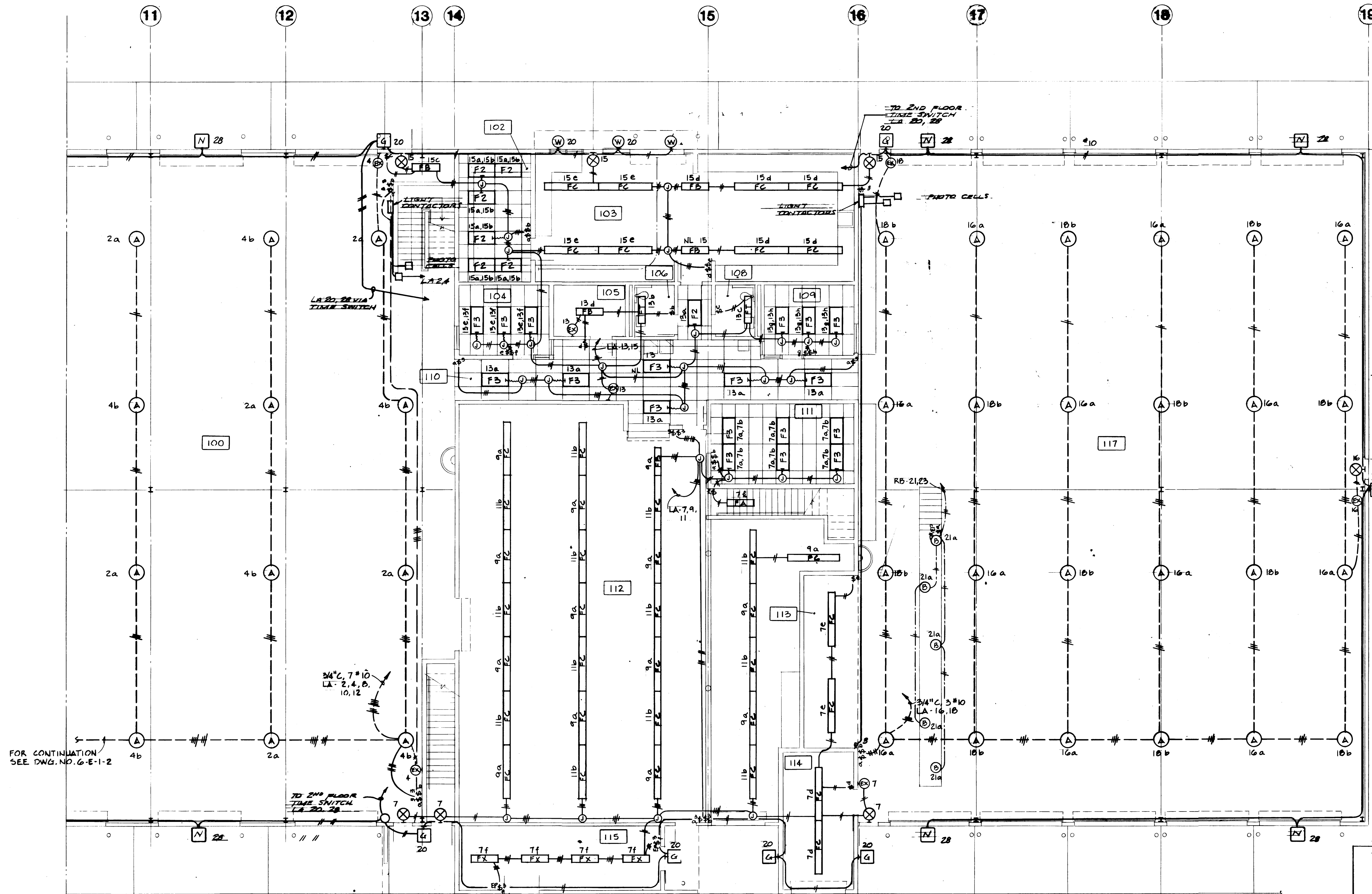
* THESE WELDING OUTLETS WERE FURNISHED BY THE OWNER & INSTALLED BY THE CONTRACTOR. ⚠

LIGHTING FIXTURE SCHEDULE			
SYMBOL	DESCRIPTION	LAMP	MOUNTING
A	HI-TEK TH 400 SALW-277-SF UPH-UPC	400 WATT HPS	SEE DETAIL DWG. 10/2
B	APPLETON * A4B-1550	150A19	SURFACE *48"
⚠ D	MARCO BZ-S	100 WATT A-19	SURFACE CEILING
E	DUAL-LITE *ALC-X-36-2-277V-ACON	-	SURFACE
F2a	LITHONIA - 2GP 240 A12.125-GLR-SL-ES-277V	2-F40 LW	GWB CEILING
F2	LITHONIA - 2GP 240 A12.125-GLR-SL-ES-277V	2-F40 LW	T-BAR
F3	LITHONIA - 2GP 340 A12.125-GLR-SL-ES-277V	3-F40 LW	T-BAR
F4	LITHONIA - 2GP 440 A12.125-GLR-SL-ES-277V	4-F40 LW	T-BAR
FA	LITHONIA - M240 MA12.125-GLR-SL-ES-277V	2-F40 LW	SURFACE
FB	LITHONIA - AF 240-GLR-ES-277V	2-F40 LW	PENDENT
FC	LITHONIA - AF 240-GLR-ES-277V	2-F40 LW	PENDENT
FD	LITHONIA DL-240A-277V-LW-R W/ BATTERY PAD.	2-F40 LW	SURFACE
FX	MORRIS KURTZON x12-B-40-L	2-F40 T12	SURFACE
FT	LITHONIA GP 240 A12.125-GLR-SL-ES-277V		GWB CEILING
FS	LITHONIA 2PMGB 440 32-277VOLT, ES	4-F40 LW	T-BAR
⚠ G	ITT SIDELITE 480 V	150 WATT HPS	SURFACE WALL
H	DEVINE B422-250 HPS LX1-277V.	250 WATT HPS	SURFACE CEILING
		150 WATT HPS	SURFACE CEILING
⚠ N	HITEX THW9005-DDS 480 V	250 WATT HPS	SURFACE WALL
W	HI-TEK * TWP 1005, 480 VOLT	100 W HPS	SURFACE WALL
⚠ FI	MORRIS KURTZON * SUV2440 W/ POLYCARBONATE LENS.	4-F40 LW	SURFACE MTD IN METAL BRACKET FURNISHED BY GENERAL CONTRACTOR
⚠ R	HITEX TPL 4005-R42-DDS 480 V	250 WATT HPS	SURFACE
⚠ EX	LITHONIA BLU-B-N 251/2 P36		WALL MOUNTED
TL	HUBBELL * GL503 W/ WIRE GUARD, PROVIDE LIGHTING SWITCH PER DETAIL DWG.	500 WATT QUARTZ	SEE DETAIL DWG. 09/13.1
P	PRESCOLITE CF-2	100 WATT A19	CEILING SURFACE WALL MOUNTED
⚠ X	RADIANT VYG 277 V		WALL MOUNTED



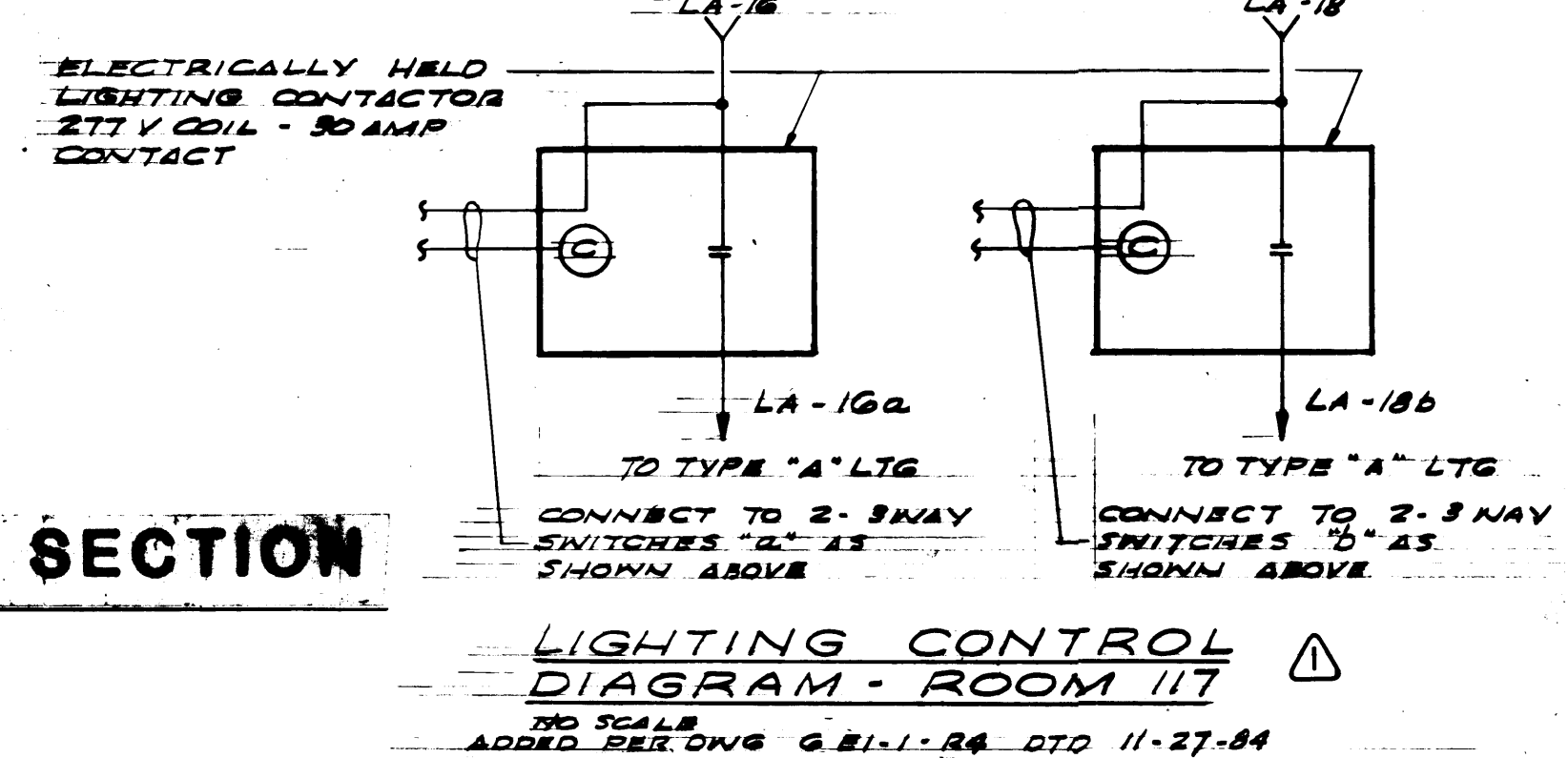
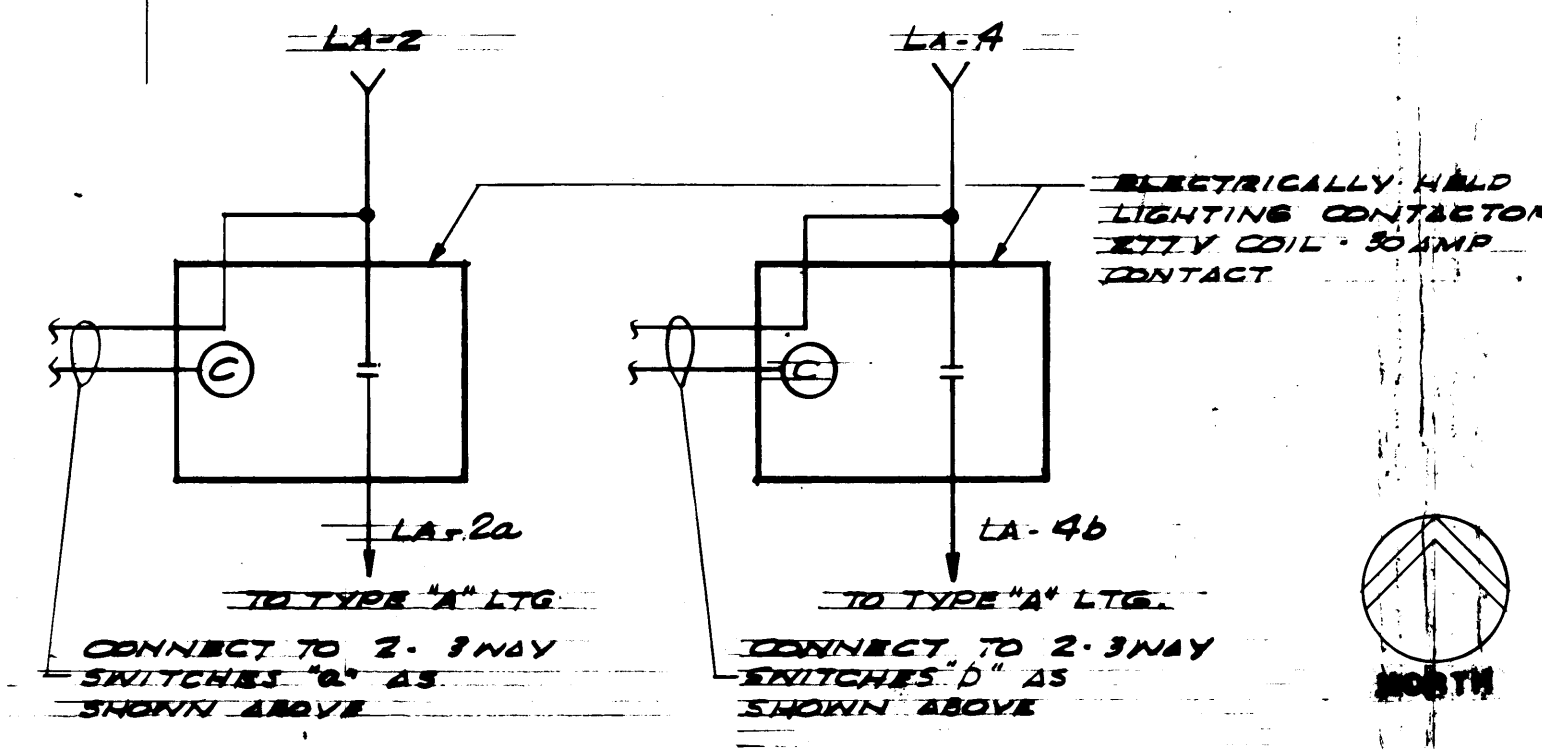
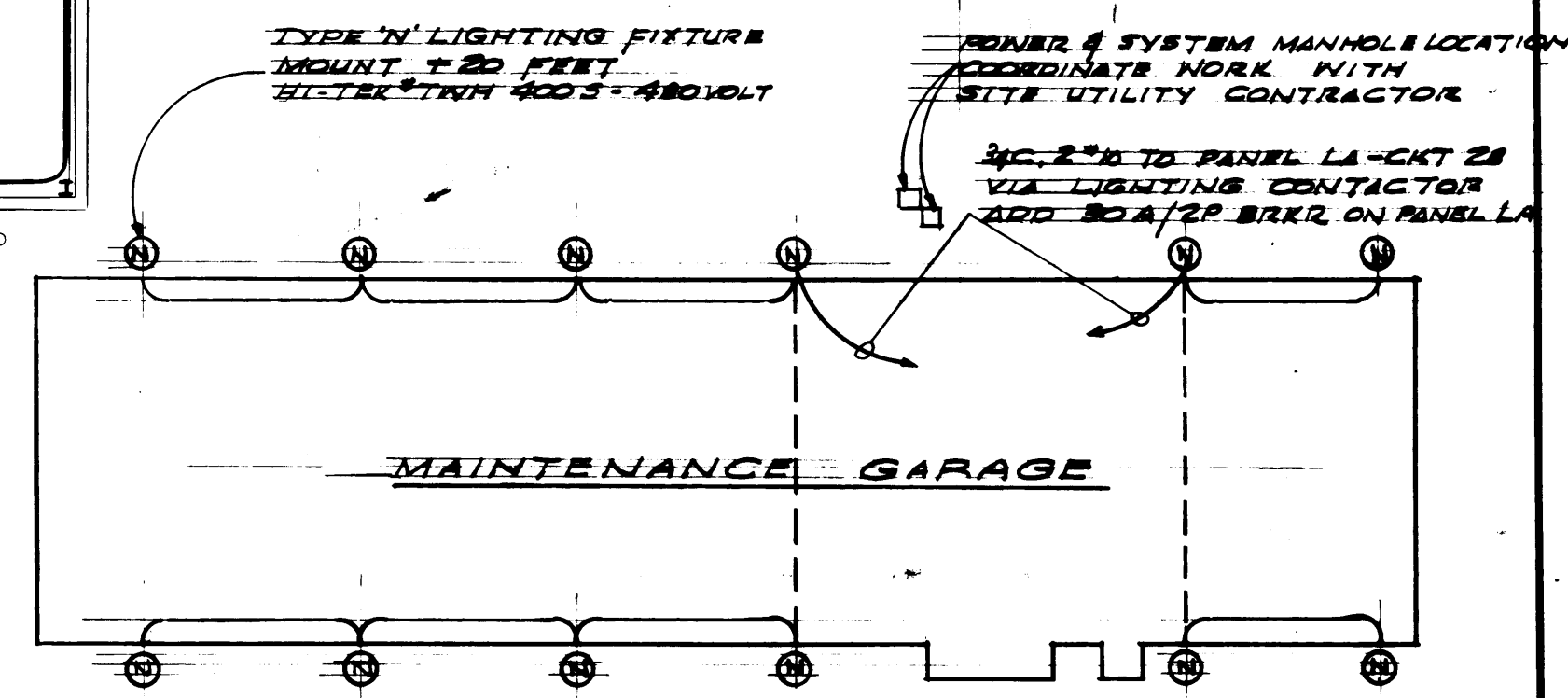
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CHECKED	DATE		
CHECKED	DATE		
CHECKED	DATE		
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REVISION	BY	APP. DATE	
REVISD TO AS BUILT		DATE	
REVISION		BY	APP. DATE
CHIEF ENGINEER		DATE	
SHEET 1 OF 1		DRAWING NO. 8-23	





TYPE "A" LIGHTING FIXTURE

DAY-LIGHT SWITCHING CONTROL
PER DWG. G-81-1-R1 DATED 5-16-84



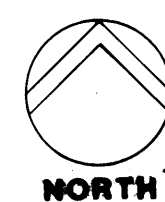
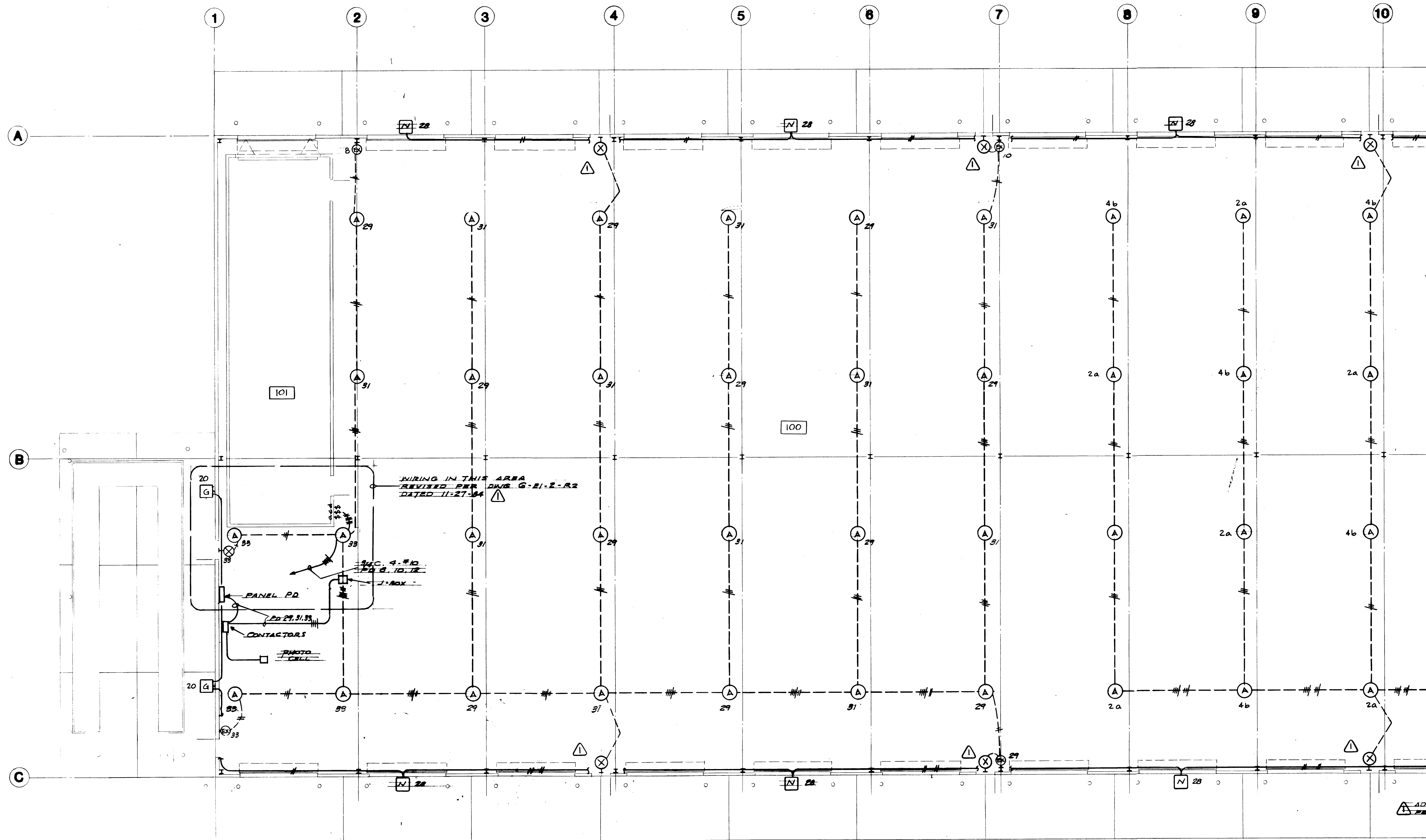
FIRST FLOOR LIGHTING PLAN-EAST SECTION
SCALE: 1/8" = 1'-0"



PORT OF TACOMA	
TACOMA TERMINALS, INC.	
MAINTENANCE GARAGE	
DRAWN BY: J.T.	DATE: 4-24-84
CHECKED BY:	DATE:
CHECKED BY:	DATE:
CHECKED BY:	DATE:
CONT. NO. 550	SCALE: 1/8" = 1'-0"
APPROVED BY:	DATE: 1/26/84
PROJECT MANAGER:	DATE:
CHEF ENGINEER:	DATE:

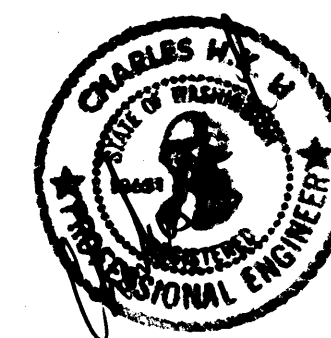
MCGRANAHAN, MESSENGER ASSOCIATES
ARCHITECTURE/PLANNING/ENGINEERING
MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 1901 CENTER DRIVE, SUITE 200, TACOMA, WA 98402 • (206) 255-2500

REVISION	BY	APP.	DATE
REVISED TO AS BUILT	J.T.S.	J.T.S.	11-27-84



FIRST FLOOR LIGHTING PLAN-WEST SECTION

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

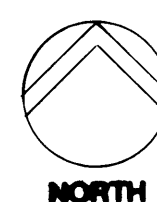


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CHECKED:	DATE:	PROJECT MANAGER	
CHECKED:	DATE:	CHIEF ENGINEER	
CONT. NO. 550		FIELD BOOK (S)	
APPROVED: [Signature]		DATE: 4/26/84	
REVISION		BY	APP. DATE
REVISOR		BY	APP. DATE

PORT OF TACOMA
TACOMA TERMINALS, INC.
REPAIR GARAGE

McGRANAHAN,
MESSENGER
ASSOCIATES
ARCHITECTURE / PLANNING / INTERIORS
MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 180 FAWCETT, SUITE 300, TACOMA, WA 98402 • (206) 383-3034

SCALE: 1/8" = 1'-0"
DRAWING NO.
EP-3870-23
6-E-1-2
SHEET E1-2 OF 9



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

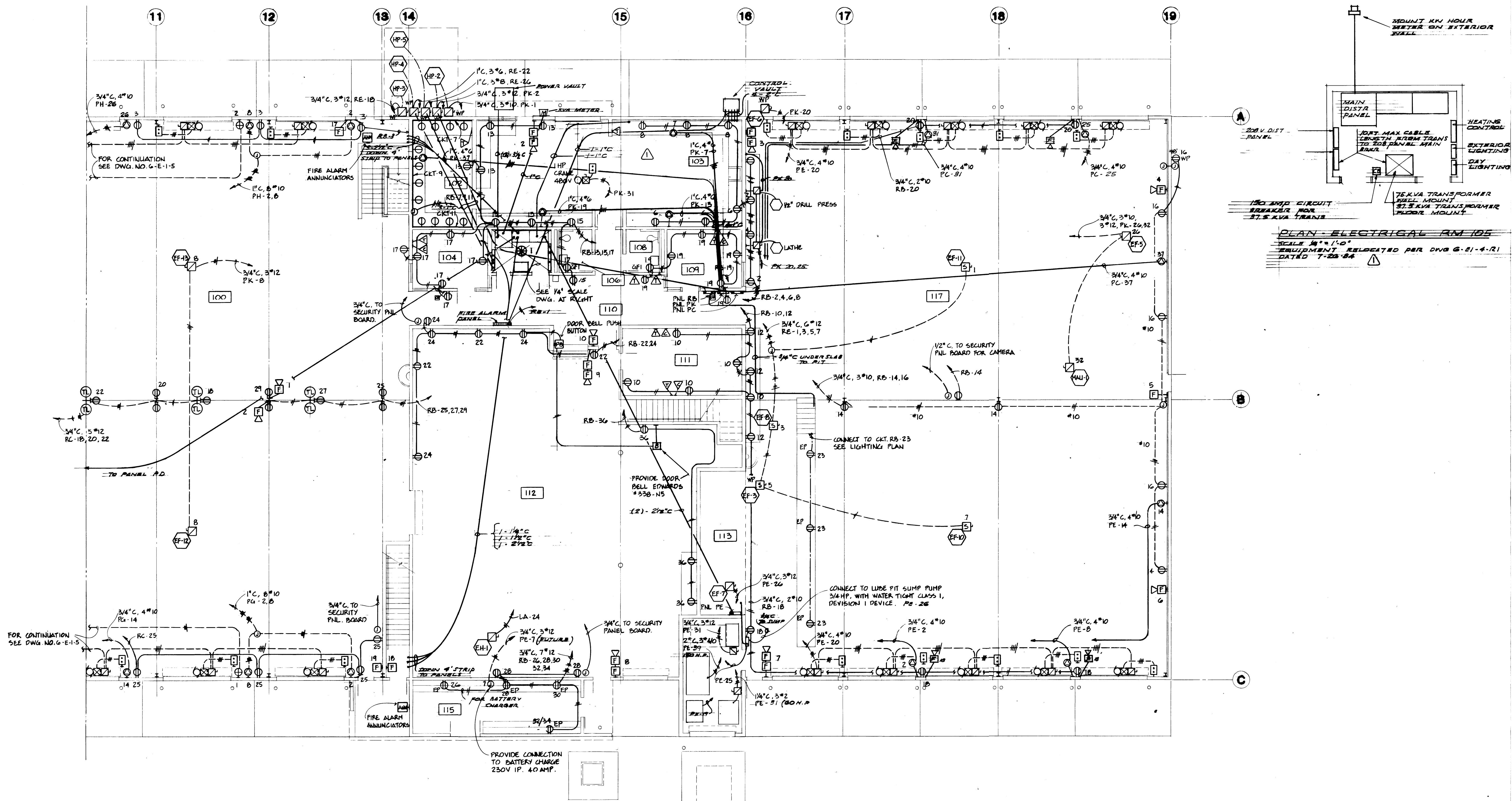
A circular professional engineer seal for Charles H. McLean, State of Washington, No. 1728. The seal features a central emblem of a bridge and a gear, surrounded by the text "CHARLES H. MCLEAN", "STATE OF WASHINGTON", "REGISTERED", and "PROFESSIONAL ENGINEER".

E	CRIM
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ARCHITECTURE / PLANNING / INTERIOR

	REVISED TO AS BUILT	R.J.S.	10-10-
MARK	REVISION	BY	APP DATE

4/26/04	DRAWING NO. EP-3878-23 6-E-1-3
DATE	
DATE	SHEET E1-3 OF 9



FIRST FLOOR POWER PLAN - EAST SECTION

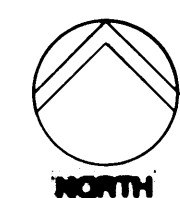
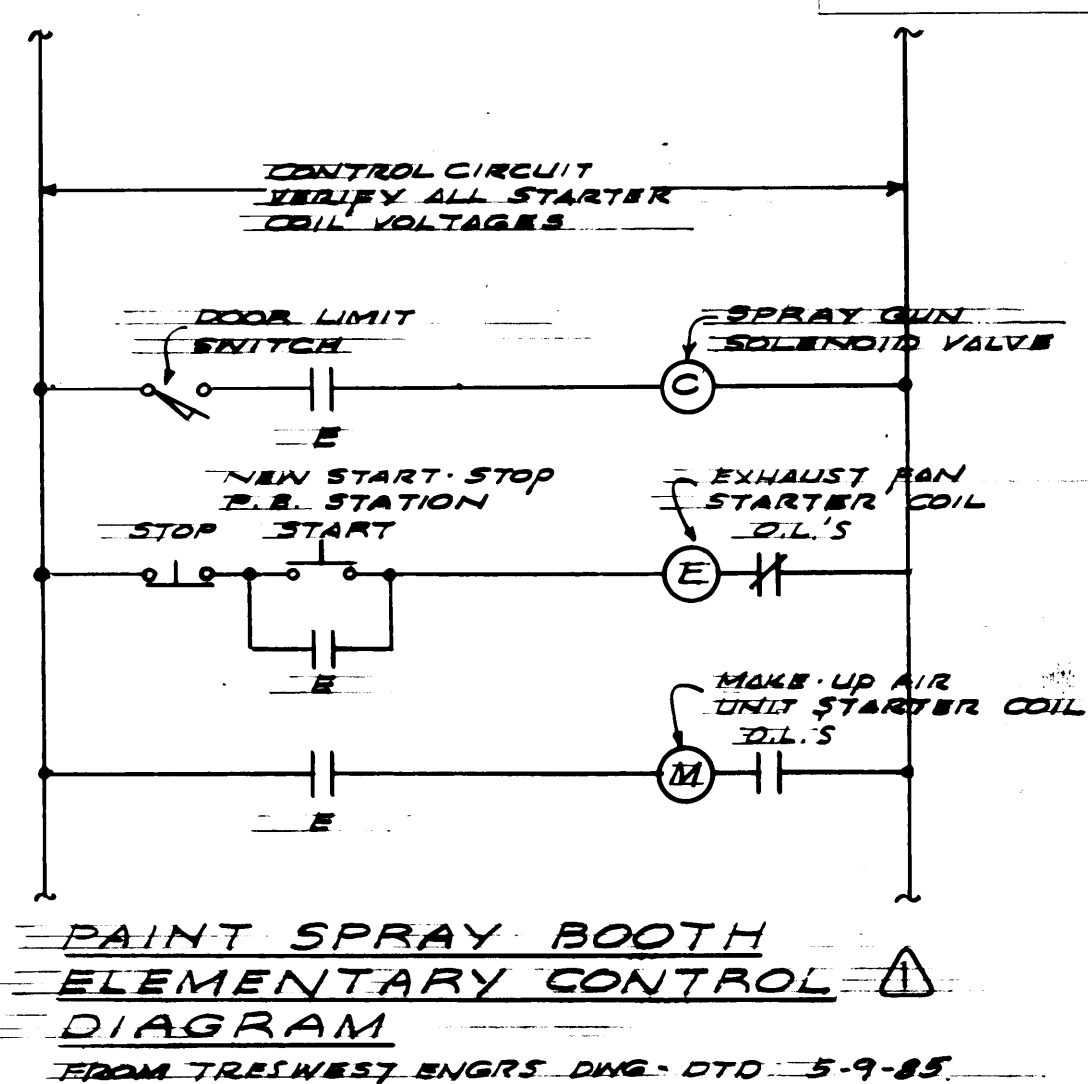
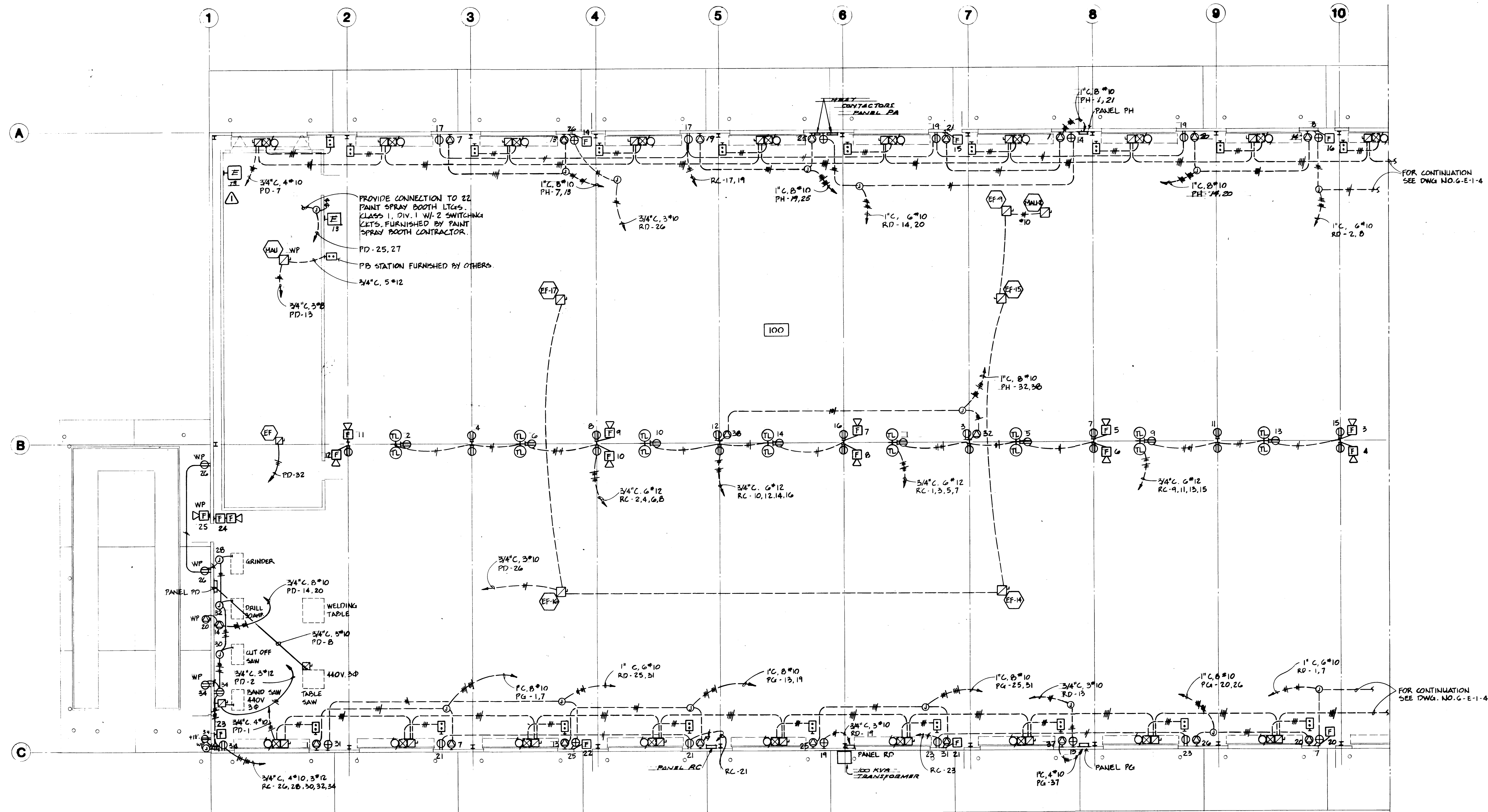
SCALE: 1/8" = 1'-0"



DRAWN: D.T.		DATE: 4-24-84	
CHECKED:	DATE:	CHECKED:	DATE:
CHECKED:	DATE:	CHECKED:	DATE:
CONT. NO. 558		FIELD BOOK (S)	
APPROVED: [Signature]		DATE: 4/26/84	
PROJECT MANAGER:		DATE:	
CHIEF ENGINEER:		DATE:	

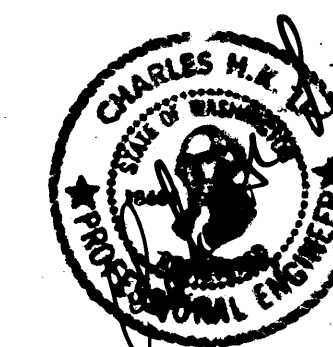
PORT OF TACOMA		TACOMA TERMINALS, INC.	
REPAIR GARAGE		REPAIR GARAGE	
DRAWING NO. EP-3878-23		DRAWING NO. EP-3878-23	
6-E-1-4		6-E-1-4	
SHEET E1-4 OF 9		SHEET E1-4 OF 9	

MARK	REVISION	BY	APP.	DATE
1	REVISED TO AS BUILT	R.J.S.		10/18/84



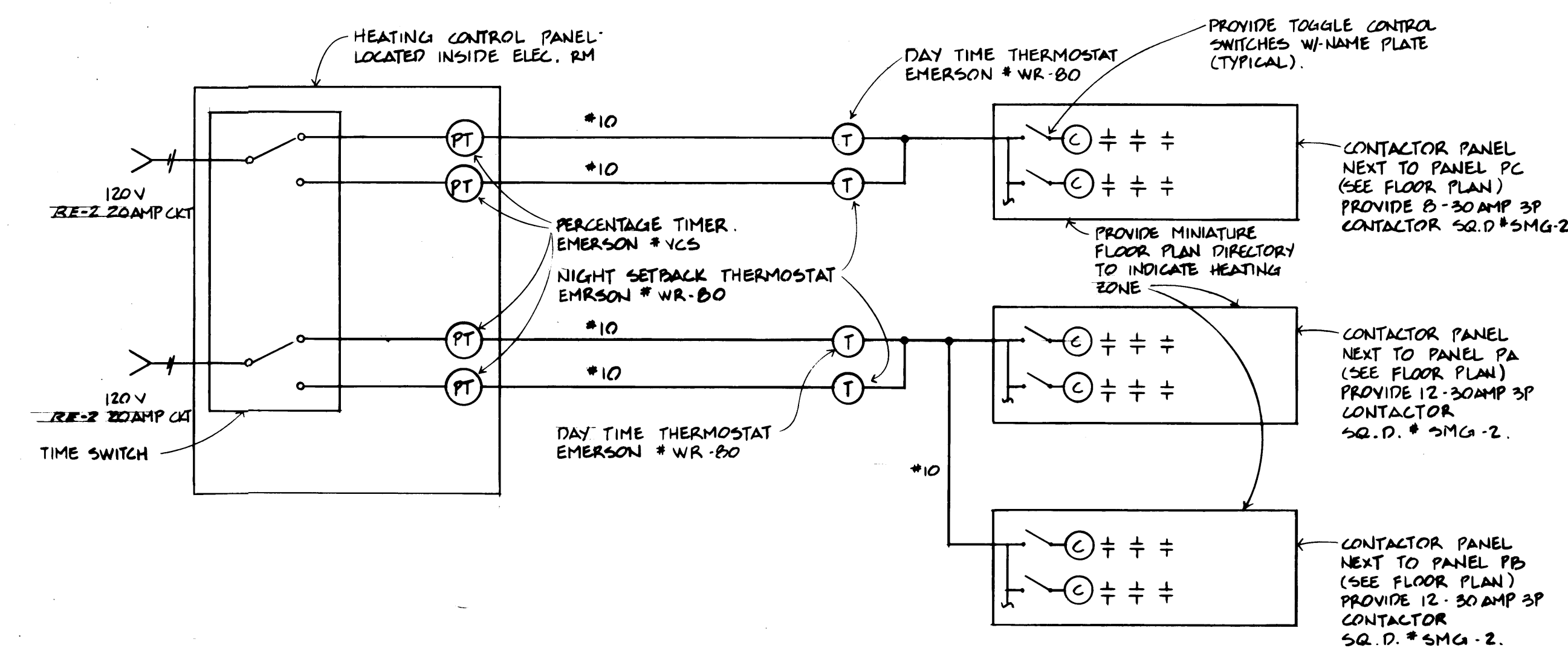
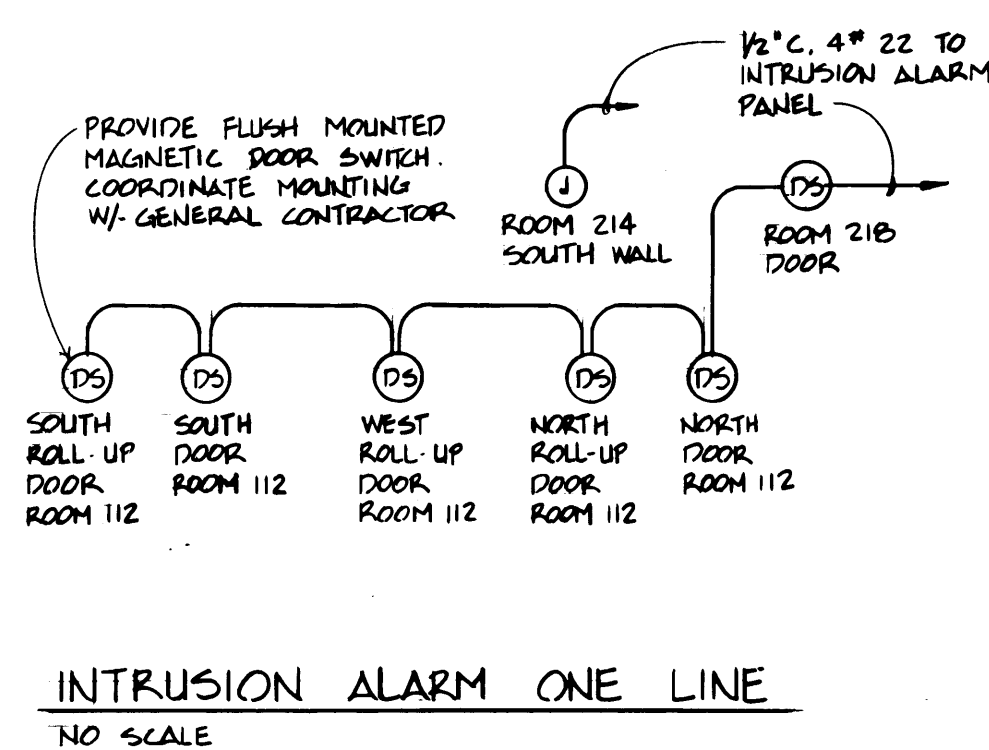
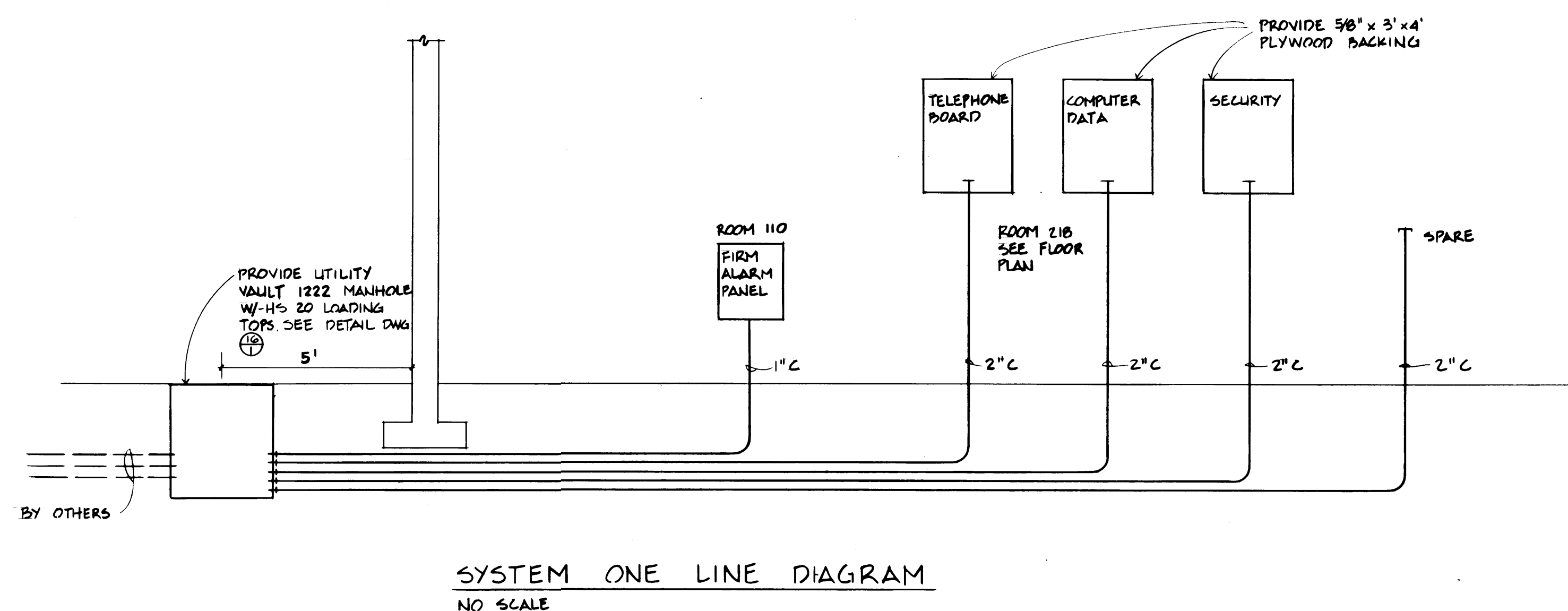
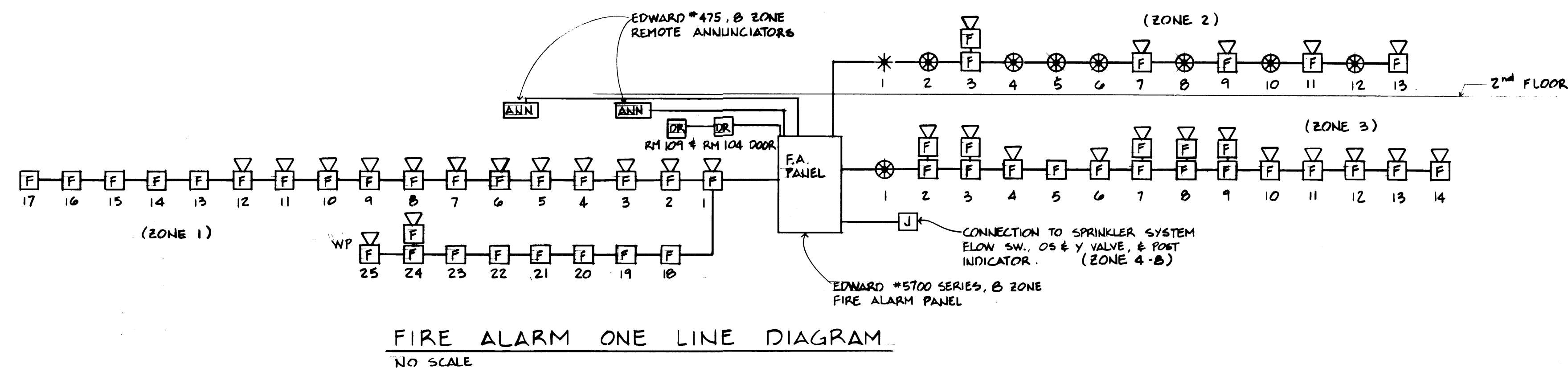
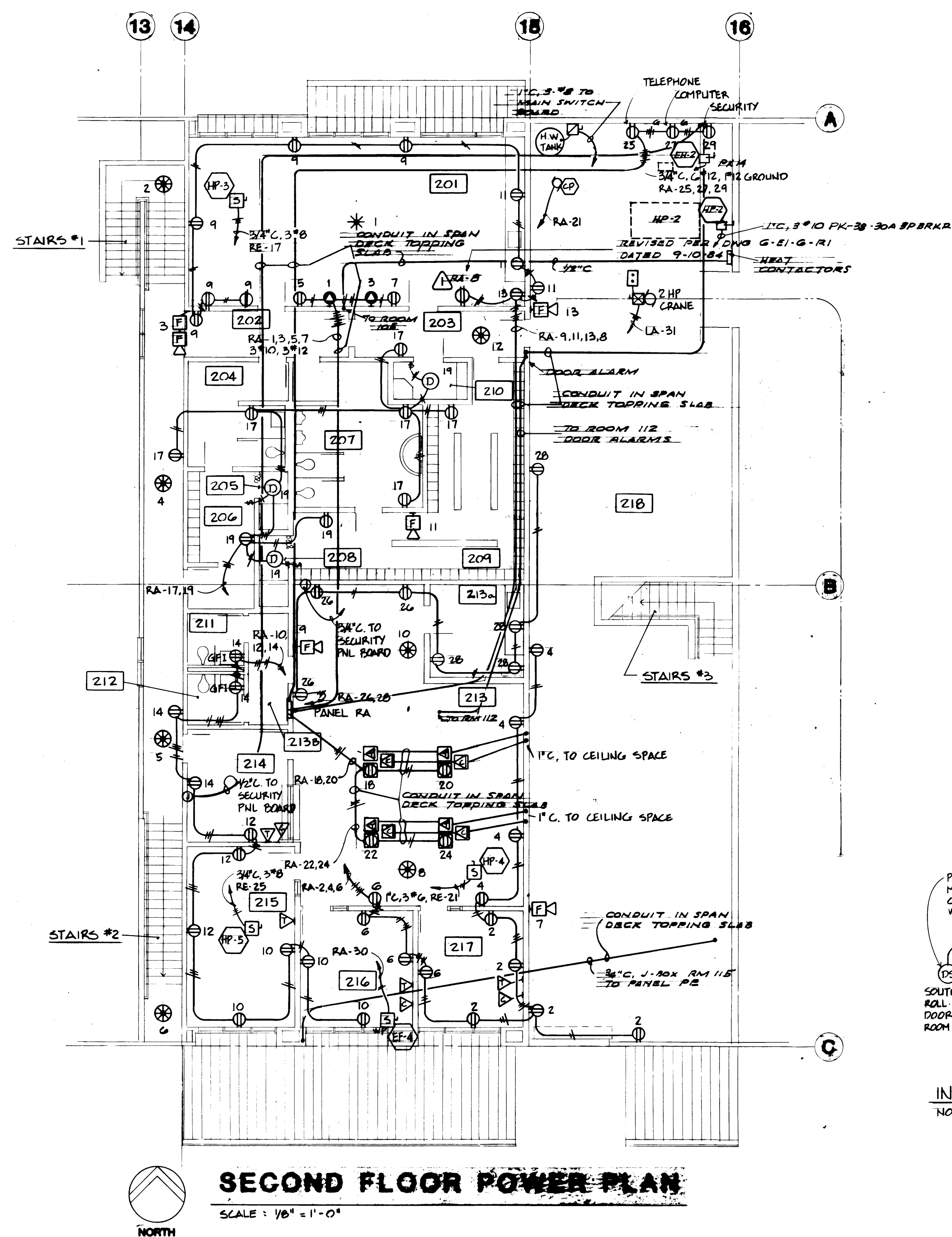
FIRST FLOOR POWER PLAN - WEST SECTION

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

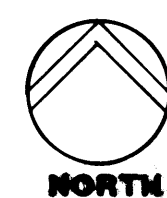
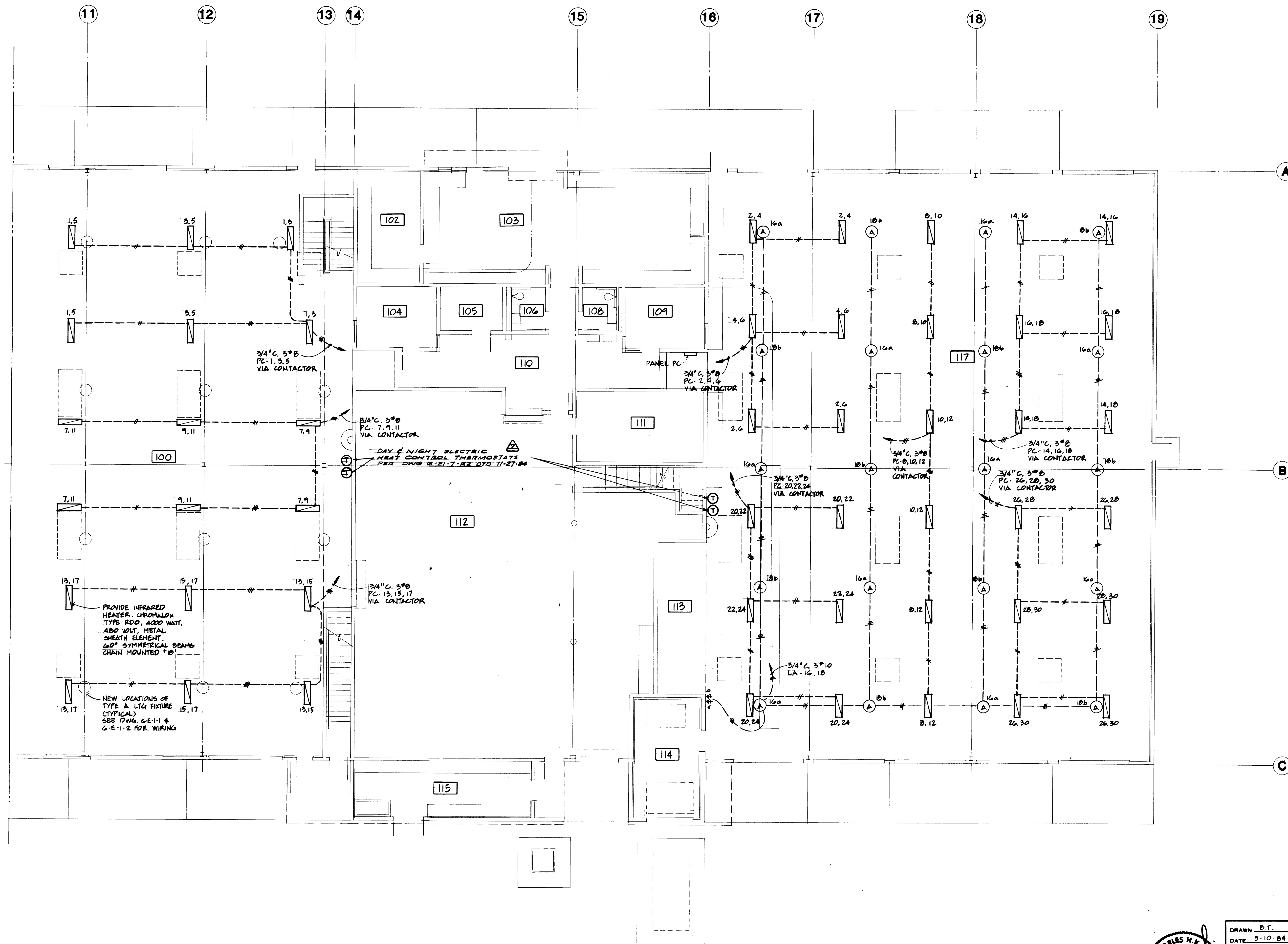


DRAWN: B.T.		DATE: 4-24-84	
CHECKED:	DATE:	PROJECT: TACOMA TERMINALS, INC. MAINTENANCE GARAGE	
CHECKED:	DATE:	CONT. NO. 522	
FIELD BOOK (S):		APPROVED: [Signature]	DATE: 4/26/84
REVISIONS:		BY: R.J.S.	APP. DATE: 10/28/83
MARK:		REVISION:	DATE:

DRAWING NO.
EP-3878-23
6-E-1-5
SHEET **51-5** OF **9**



	DRAWN <u>P.T.</u>	PORT OF TACOMA TACOMA TERMINALS, INC. TACOMA GARAGE
	DATE <u>1-24-84</u>	
	CHECKED _____	
	DATE _____	
CHECKED _____		
DATE _____		
CONT. NO. <u>565</u>		
FIELD BOOK (S) _____		SCALE <u>1"=10'</u>
APPROVED <u>[Signature]</u> <u>1/24/84</u>		DRAWING NO. EP-3578-23 6-E-1-6
PROJECT MANAGER _____ DATE _____		
CHIEF ENGINEER _____ DATE _____		SHEET <u>1-1</u> OF <u>9</u>



HEATING PLAN - EAST SECTION

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

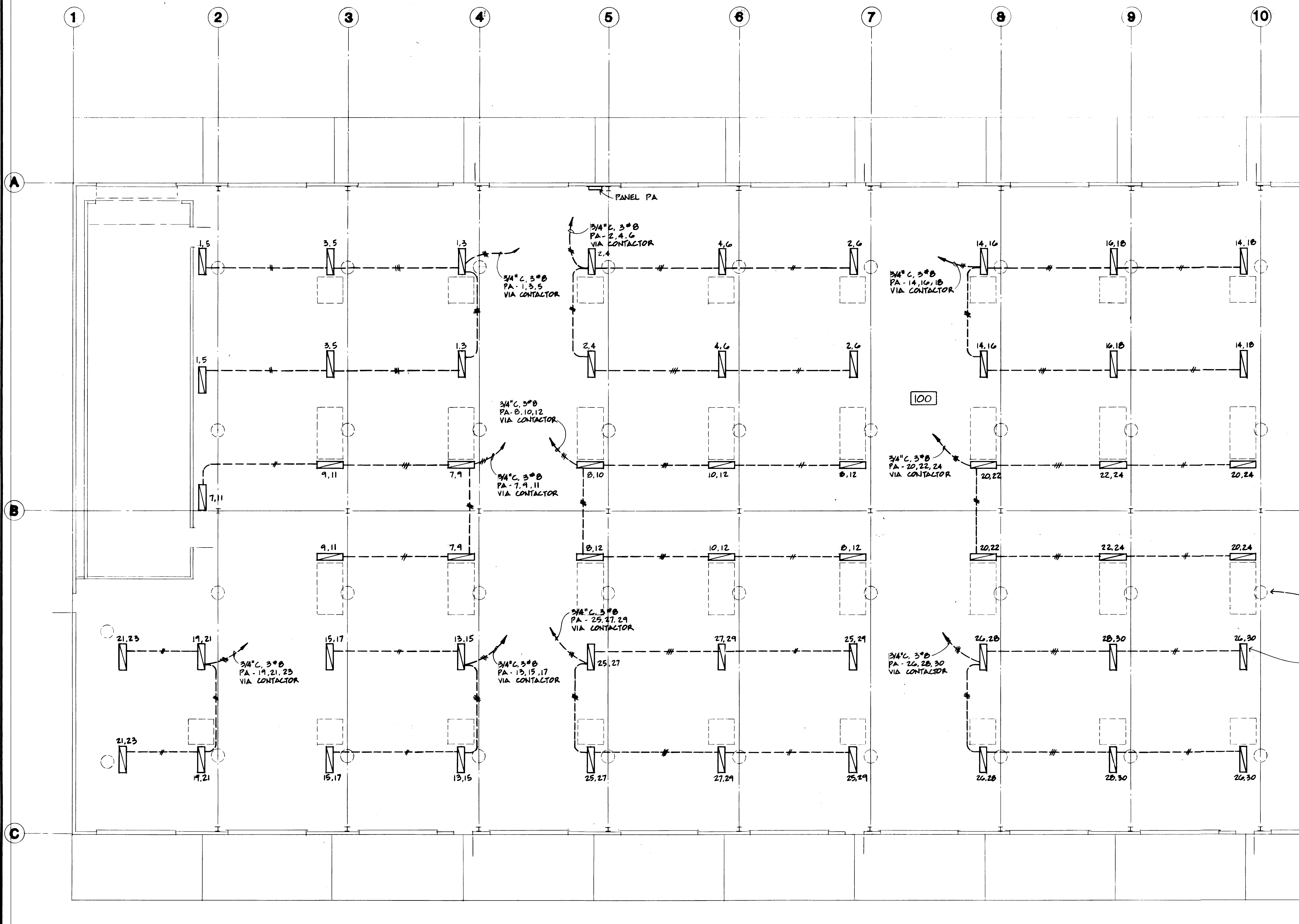
ADDENDUM #1

PORT OF TACOMA
TACOMA TERMINALS, INC.
MAINTENANCE GARAGE



DRAWN: B.T.
DATE: 5-10-84
CHECKED: _____
DATE: _____
CHECKED: _____
DATE: _____
CONT. NO. 552

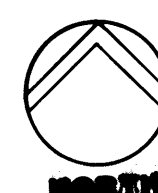
FIELD BOOK (S)		APPROVED		SCALE	
REVIS	REVISION	BY	DATE	DRAWING NO.	DATE
1	ADDENDUM NO. 1		5/16/84	EP-3878-29	6-E-1-72
MARK	REVISION	BY	DATE	SHEET	1-7 OF 8



PANEL SCHEDULES PA & PC WERE
RELOCATED TO SHEET G-E-1-9

NEW LOCATIONS OF TYPE A
LIGHTING FIXTURE (TYPICAL)
SEE DWG G-E-1-1 & G-E-1-2
FOR WIRING. CORD W/
SKYLIGHT & INFRARED HEATER

PROVIDE INFRARED HEATER,
BIPHENAL TYPE ROD, 4000 WATT,
400 VOLT, METAL SHEATH ELEMENT,
60° SYMMETRICAL BEAMS,
CHAIN MOUNTED 10'.



HEATING PLAN - WEST SECTION

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

ADDENDUM #1

PORT OF TACOMA
TACOMA TERMINALS, INC.
MAINTENANCE GARAGE



DRAWN P.T.
DATE 5-10-84
CHECKED _____
DATE _____
CHECKED _____
DATE _____
CONT. NO. 558

REVISION		BY	DATE	APPROVED	DATE	SCALE	DRAWING NO.
REVISED TO AS BUILT							EP-3878-23
ADDENDUM NO. 1							G-E-1-8JR
MARK							SHEET 2 OF 8

PANEL SCHEDULE									
NO.	LOCATION:	277/480		VOLTS	3	PHASE	4	WIRE	
PA	SERVING:	400		AMP with MAIN	LUGS				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	6-4 KW HEATER	18	30/3P	30/3P	18	6-4 KW HEATER	1		
5	8-4 KW HEATER	18	30/3P	30/3P	18	6-4 KW HEATER	5		
11	4-4 KW HEATER	10	30/3P	30/3P	10	6-4 KW HEATER	11		
17	4-4 KW HEATER	10	30/3P	30/3P	10	6-4 KW HEATER	17		
23	4-4 KW HEATER	10	30/3P	30/3P	10	6-4 KW HEATER	23		
29	6-4 KW HEATER	10	30/3P	30/3P	10	6-4 KW HEATER	29		
35							35		
37							37		
39							39		
41							41		
REMARKS:		CONNECTED LOAD: 216 KVA 250 AMPS DEMAND LOAD: 216 KVA 250 AMPS							

PANEL SCHEDULE									
NO.	LOCATION:	277/480		VOLTS	3	PHASE	4	WIRE	
PE	SERVING:	400		AMP with MAIN	LUGS				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	BATTERY CHARGER	5.7	20/2P	30/3P	20	WELDING OUTLET	1		
3						20	WELDING OUTLET	3	
5						20	WELDING OUTLET	5	
11						20	WELDING OUTLET	11	
17						20	WELDING OUTLET	17	
23	20/2P DRYER	5.7	20/2P	30/3P	20	OVER-HEAD DOOR	23		
25	FF-7	1.5	15/2P	15/2P	1.5	LUBE PIT SUMP PUMP	25		
31	COMPRESSOR	10.0	20/3P	20/3P	10.0	SPARE	31		
37	COMPRESSOR	10.0	20/3P	20/3P	10.0	SPARE	37		
41							41		
REMARKS:		CONNECTED LOAD: 266 KVA 320 AMPS DEMAND LOAD: 266 KVA 320 AMPS							

PANEL SCHEDULE									
NO.	LOCATION:	120/208		VOLTS	3	PHASE	4	WIRE	
RA	SERVING:	225		AMP with MAIN	LUGS				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	RM 201 WELDING MACHINE	1.0	30/1P	20/1P	1.0	5 RECEPTABLES RM 217, 218	1		
3	"	1.0	30/1P	20/1P	1.0	" " " 215, 217	3		
5	"	0.5	20/1P	20/1P	0.5	" " " 213, 216, 217	5		
7	"	0.5	20/1P	20/1P	0.5	" " " 215, 216	7		
9	RM 201 4 RECEPTABLES	0.8	20/1P	20/1P	0.8	" " " 215, 216	9		
11	"	0.6	20/1P	20/1P	0.6	" " " 214, 215	11		
13	RM 201 RECEPT.	0.4	20/1P	20/1P	0.4	" " " 211, 212, 214	13		
15	SPARE				0.2	SPARE	15		
17	RM 204, 207, 209 5 RECEPT.	1.0	20/1P	20/1P	1.0	1 RECEPTABLE 213	17		
19	RM 205, 208 2 RECEPT. 2 LTG	0.6	20/1P	20/1P	0.6	" " " 213	19		
21	H.W. CIRC. PUMP	0.1	20/1P	20/1P	0.1	" " " 213	21		
23	TELEPHONE	0.5	20/1P	20/1P	0.5	" " " 213	23		
25	COMPUTER TERMINAL	0.5	20/1P	20/1P	0.5	" " " 213	25		
27	SECURITY TERMINAL	0.5	20/1P	20/1P	0.5	" " " 213	27		
29	SPACE				0.5	SPACE	29		
31							31		
33							33		
35							35		
37							37		
39							39		
41							41		
REMARKS:		CONNECTED LOAD: 16 KVA 44 AMPS DEMAND LOAD: 16 KVA 44 AMPS							

PANEL SCHEDULE									
NO.	LOCATION:	240		VOLTS	3	PHASE	3	WIRE	
RD	SERVING:	150		AMP with MAIN	BREAKER				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	1		
5	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	5		
11	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	11		
17	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	17		
23	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	23		
29	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	29		
35	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	35		
37	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	37		
39	CONTAINER HEATING OUTLET	10	30/3P	30/3P	10	CONTAINER HEATING OUTLET	39		
41						SPARE	41		
REMARKS:		CONNECTED LOAD: 110 KVA 264 AMPS DEMAND LOAD: 110 KVA 264 AMPS							

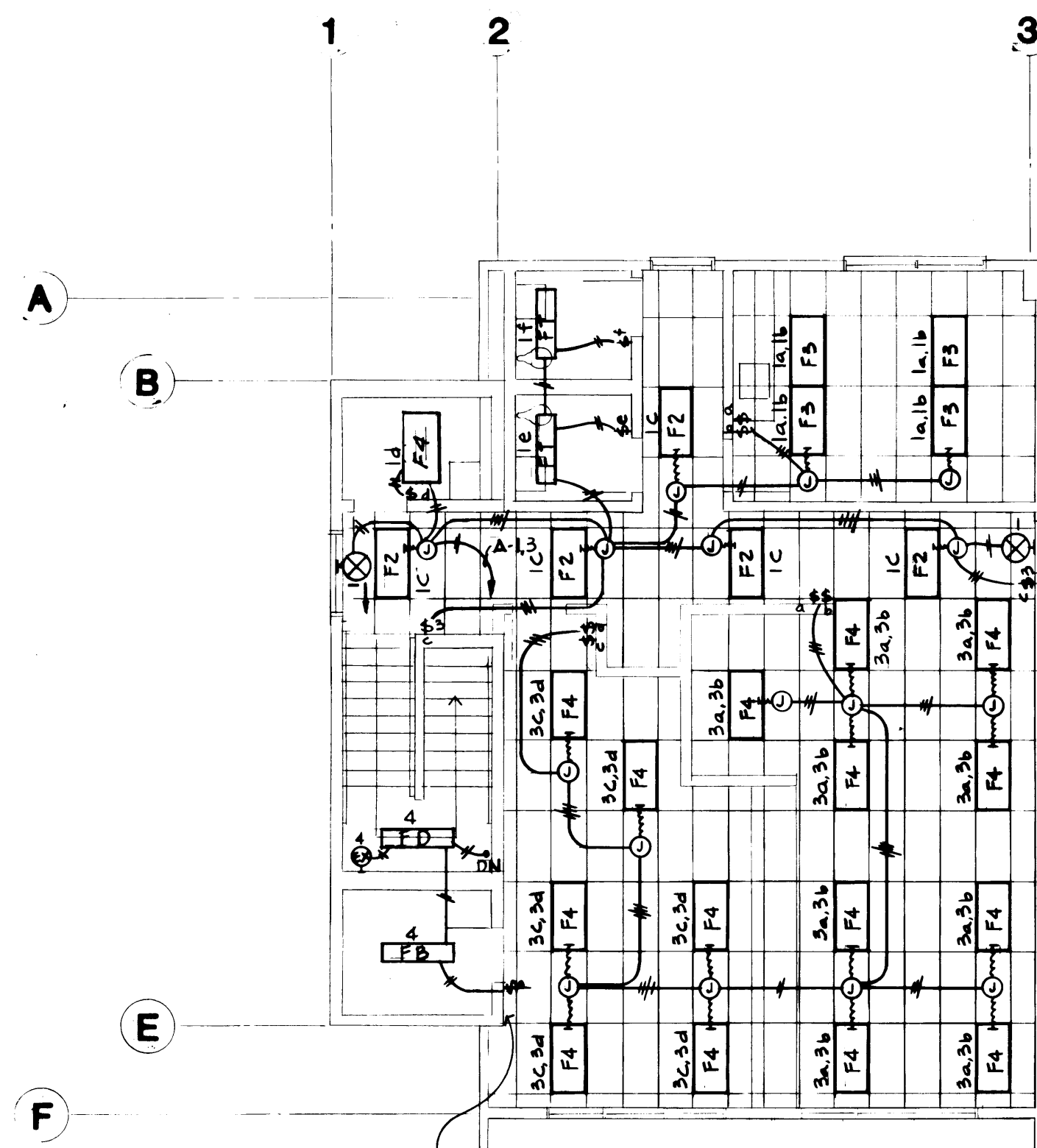
PANEL SCHEDULE									
NO.	LOCATION:	277/480		VOLTS	3	PHASE	4	WIRE	
PG	SERVING:	225		AMP with MAIN	LUGS				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	1		
5	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	5		
11	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	11		
17	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	17		
23	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	23		
29	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	29		
35	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	35		
37	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	37		
39	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	39		
41	WELDING OUTLET	20	30/3P	30/3P	20	WELDING OUTLET	41		
REMARKS:		CONNECTED LOAD: 240 KVA 243 AMPS DEMAND LOAD: 240 KVA 243 AMPS							

PANEL SCHEDULE									
NO.	LOCATION:	120/208		VOLTS	3	PHASE	4	WIRE	
RB	SERVING:	225		AMP with MAIN	LUGS				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	FA PANEL	0.5	20/1P	20/1P	0.4	2 RECEPTABLE RM 117	1		
3	SPARE				0.4	2 " RM 117	3		
5	RM 102 WIREMOLD	1.0	20/1P	20/1P	0.4	2 " RM 103	5		
7	RM 102	1.0	20/1P	20/1P	0.4	2 " RM 103	7		
9	RM 102	1.0	20/1P	20/1P	0.4	2 " RM 111	9		
11	3 RECEPT. RM 105	0.6	20/1P	20/1P	0.4	2 " RM 117	11		
13	" RM 108	1.0	20/1P	20/1P	0.4	2 " RM 117	13		
15	" RM 104, 106	1.0	20/1P	20/1P	0.4	2 " RM 117	15		
17	" RM 108, 109	1.2	20/1P	20/1P	0.4	2 " RM 117	17		
19	PIT LTG.	0.75	20/1P	20/1P	0.4	2 " RM 112	19		
21	PIT RECEPTABLE	0.6	20/1P	20/1P	0.4	2 " RM 112	21		
23	2 RECEPTABLE	0.4	20/1P	20/1P	0.4	BATTERY RM OUTLET	23		
25	CONTAINER LTG & RECEPT.	1.2	20/1P	20/1P	0.4	" " " "	25		
27	2 RECEPTABLE	0.4	20/1P	20/1P	0.4	" " " "	27		
29	SPARE				0.6	3 RECEPT RM 118	29		
31					0.6	SPACE	31		
33							33		
35							35		
37							37		
39							39		
41							41		
REMARKS:		CONNECTED LOAD: 19 KVA 52 AMPS DEMAND LOAD: 19 KVA 52 AMPS							

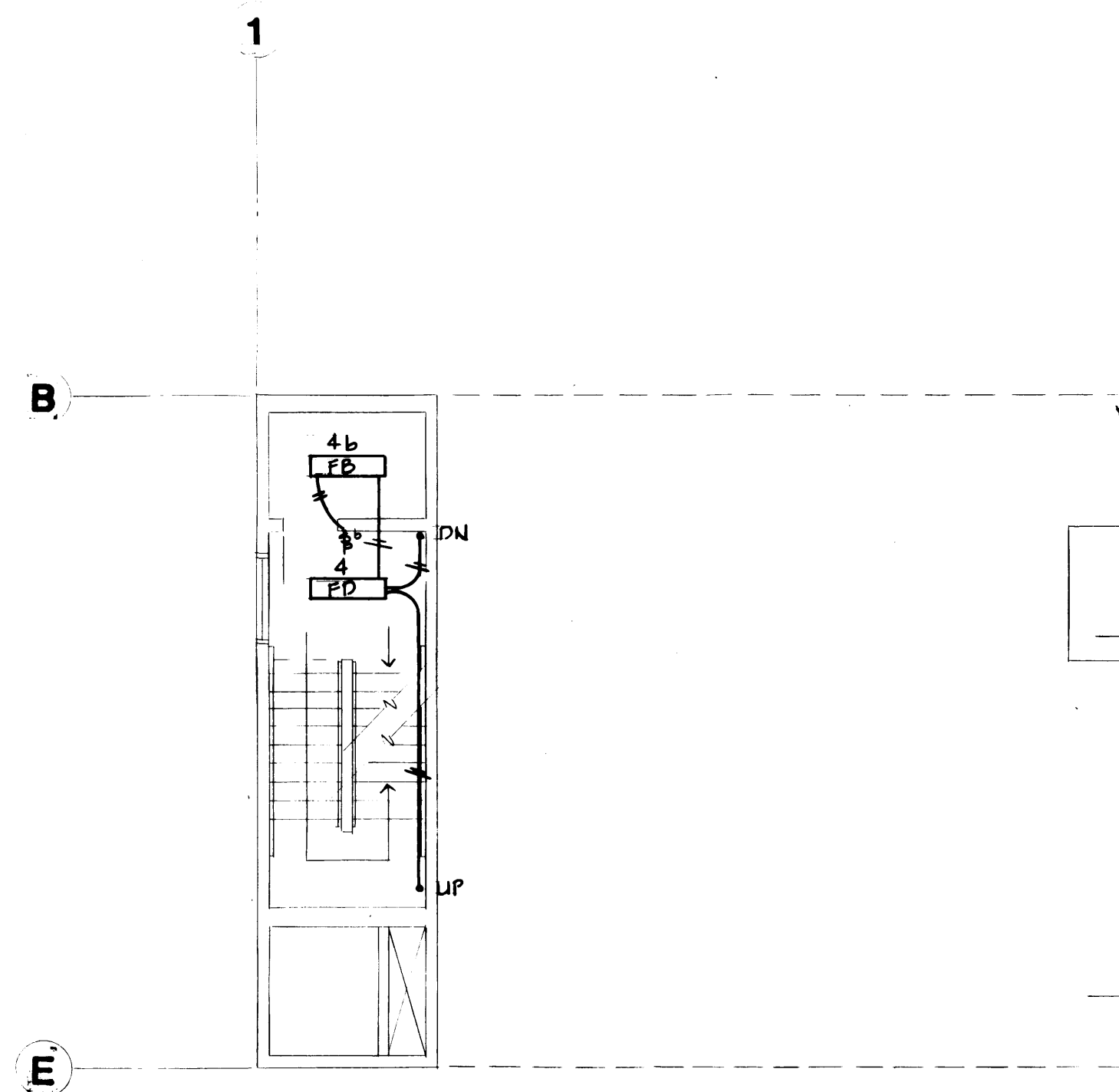
PANEL SCHEDULE									
NO.	LOCATION:	277/480		VOLTS	3	PHASE	4	WIRE	
RE	SERVING:	225		AMP with MAIN	LUGS				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	EF-11	1/2HP	20/1P	20/1P		TIME CLOCKS - HEAT CONTROL	1		
3	EF-8	1/2HP	20/1P	20/1P			3		
5	EF-3	1/2HP	20/1P	20/1P			5		
7	EF-10	1/2HP	20/1P	20/1P			7		
11	SPARE						11		
17	HP-3, INDOOR	4.6KW HEATER 1/2HP	40/2P	40/2P	2.60	HP-3, OUTDOOR	17		
23	HP-4, INDOOR	8.6KW HEATER 1/2HP	40/2P	40/2P	6.33	HP-4, OUTDOOR	23		
29	HP-5, INDOOR	4.8KW HEATER 1/2HP	40/2P	40/2P	4.41	HP-5, OUTDOOR	29		
35							35		
37							37		
39							39		
41							41		
REMARKS:		CONNECTED LOAD: 20 KVA 83 AMPS DEMAND LOAD: 20 KVA 83 AMPS							

PANEL SCHEDULE									
NO.	LOCATION:	277/480		VOLTS	3	PHASE	4	WIRE	
PC	SERVING:	400		AMP with MAIN	LUGS				
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	6-4 KW HEATER	18	30/3P	30/3P	18	6-4 KW HEATER	1		
5	6-4 KW HEATER	18	30/3P	30/3P	18	6-4 KW HEATER	5		
11	6-4 KW HEATER	18	30/3P	30/3P	18	6-4 KW HEATER	11		
17	6-4 KW HEATER	18	30/3P	30/3P	18	6-4 KW HEATER	17		
23	6-4 KW HEATER	18	30/3P	30/3P	18	6-4 KW HEATER	23		
29	WELDING OUTLET	20	30/3P	30/3P	20	6-4 KW HEATER	29		
35	WELDING OUTLET	20	30/3P	30/3P	20	BLANK	35		
37	WELDING OUTLET	20	30/3P	30/3P	20	BLANK	37		
39	WELDING OUTLET	20	30/3P	30/3P	20	SPACE	39		
41	WELDING OUTLET	20	30/3P	30/3P	20	SPACE	41		
REMARKS:		CONNECTED LOAD: 240 KVA 288 AMPS DEMAND LOAD: 240 KVA 288 AMPS							

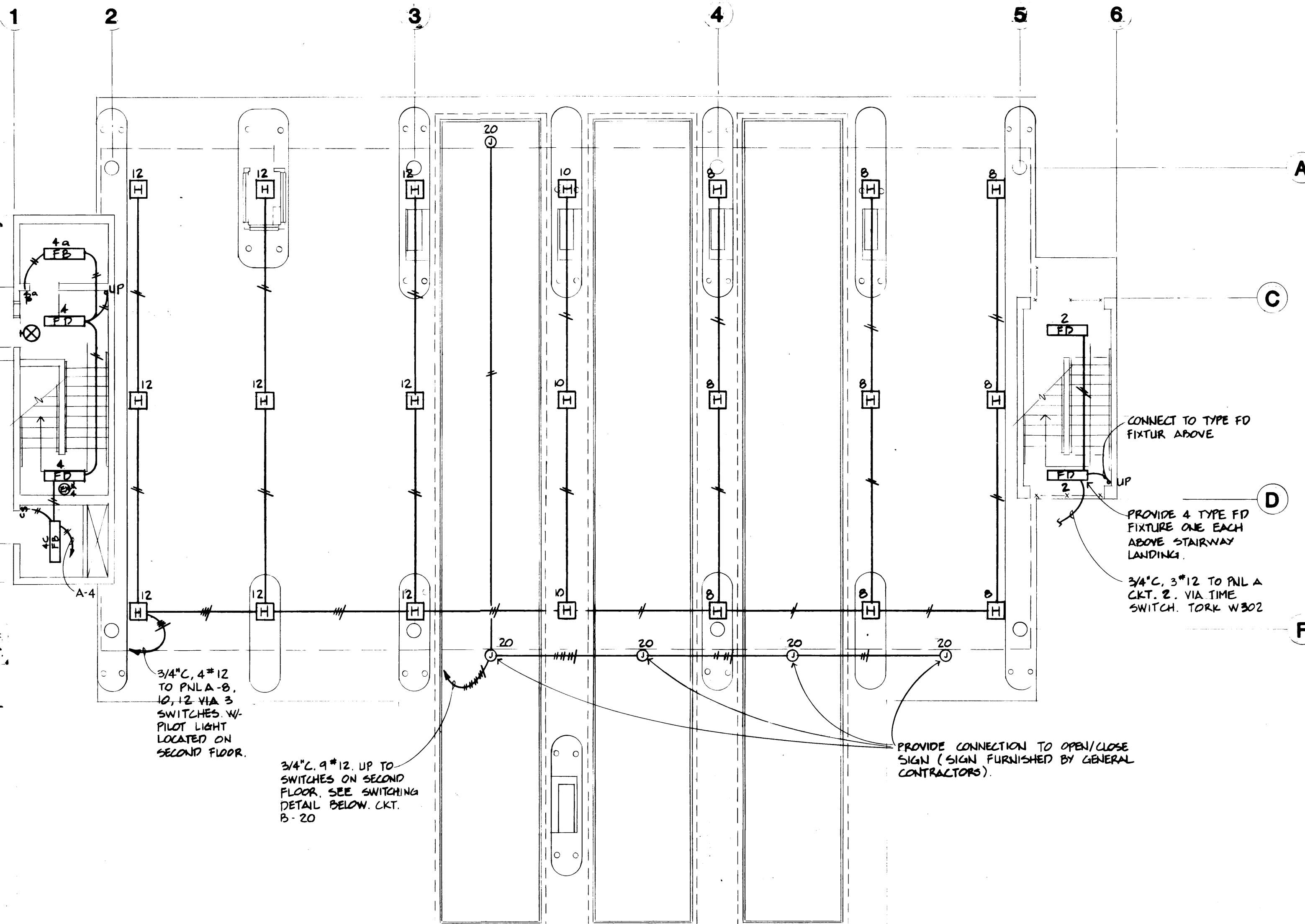
SQ. D NEMO		PANEL SCHEDULE									
NO.	LOCATION: SERVING:	277/480 400		VOLTS 3 AMP with MAIN LUGS		PHASE 4	WIRE				
PC											
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.				
1	6 - 6 KW HEATER	18	30/3P	30/3P	18	6 - 6 KW HEATER	1				
5							6				
9	6 - 4 KW HEATER	18	30/3P	30/3P	18	6 - 4 KW HEATER	9				
11							10				
13	6 - 4 KW HEATER	18	30/3P	30/3P	18	6 - 4 KW HEATER	11				
17							18				
19	BLANK			30/3P	18	6 - 4 KW HEATER	20				
23							22				
25	WELDING OUTLET	20	30/3P	30/3P	18	6 - 4 KW HEATER	24				
29							28				
31	WELDING OUTLET	20	30/3P			BLANK	30				
35							36				
37	WELDING OUTLET	20	30/3P			SPACE	38				
41							40				
							42				
REMARKS:				CONNECTED LOAD: DEMAND LOAD:		240	KVA KVA	288	AMPS AMPS		



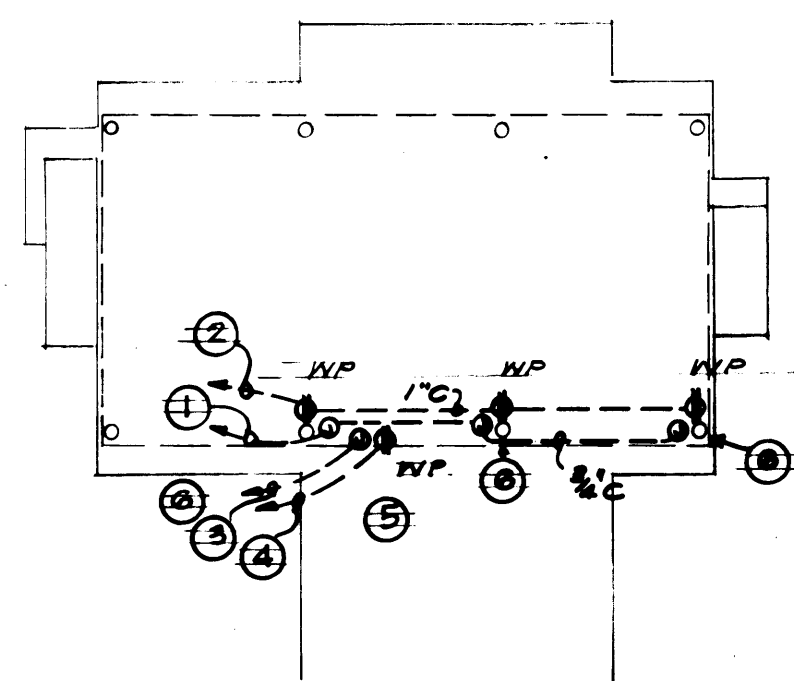
SECOND FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



INTERMEDIATE STAIR LANDING LIGHTING PLAN
SCALE: 1/8" = 1'-0"



FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



PLAN - T.V. SYSTEM
PER DWG G-82-1-R2A DATED 4-1-88
PER DWG G-82-1-R2B DATED 4-1-88

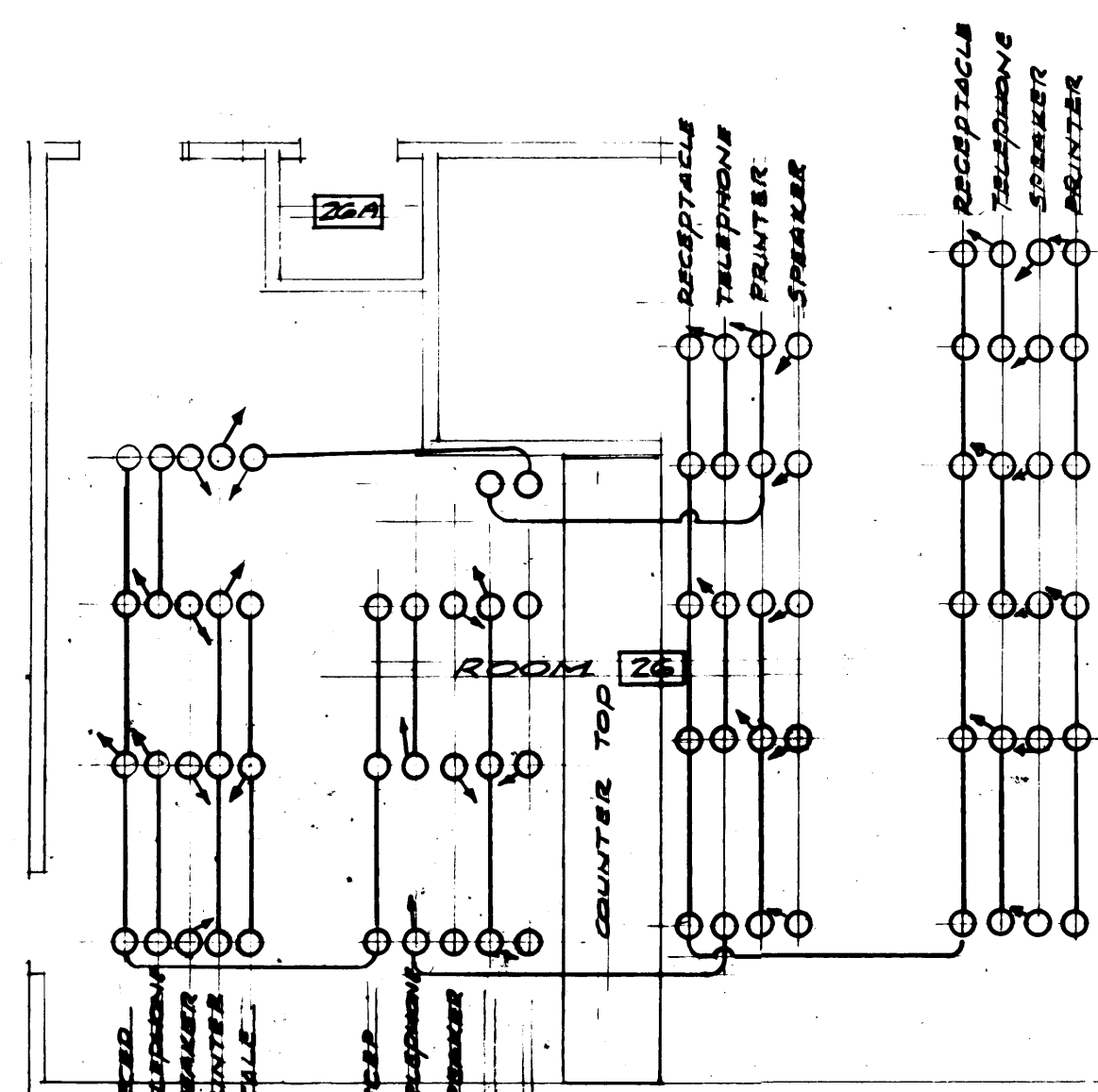
- BUBBLE NOTES**
1. PROVIDE 1/4" C TO TV J-BOX LOCATED IN ROOM 21
 2. 3/4" C, 2" 12 & 1" 12 GROUND TO PANEL B WITH 20 AMP, 1 POLE BREAKER
 3. 3/4" C TO TV J-BOX LOCATED IN ROOM 21, PENETRATE EXISTING 2ND FLOOR HORIZONTAL FIRST WALL TO ALLOW TV CONDUIT TO ENTER SECOND FLOOR T-BAR CEILING SPACE
 4. 3/4" C, 2" 12 & 1" 12 GROUND TO PANEL B WITH 20 AMP, 1 POLE BREAKER. SEE NOTE (3) FOR CONDUIT ROUTE
 5. LOCATE J-BOX ON INNER FASCIA OF 2ND FLOOR ROOF
 6. LOCATE DEVICES +18 ON COLUMN.

* LEVERS ON BREAKERS 25 & 27 ARE TIED TOGETHER WITH A BAR

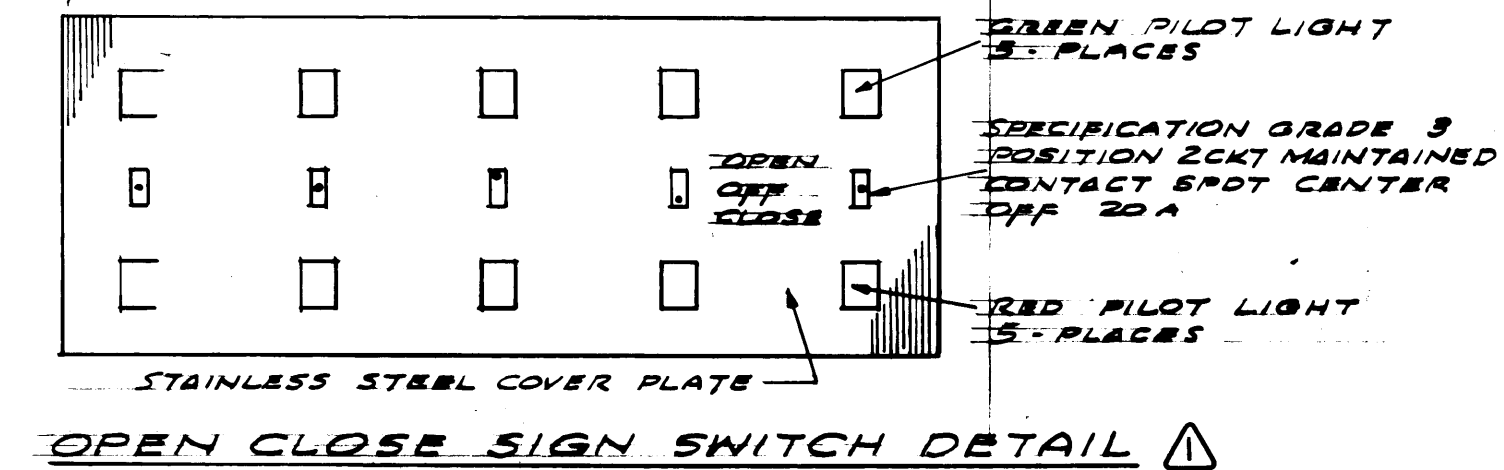
PANEL SCHEDULE 									
NO. A		LOCATION: DOMESTIC EQUIP. CONTROL BLDG.			277/480 300 AMP		VOLTS 3 PHASE 4 WIRE MAIN BREAKER, 50 D-1		
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	LIGHTING	1.5	20/1P	20/1P	0.4	STAIRWAY LTG.	2		
3	"	1.1			0.6	"	4		
5	"					"	6		
7	SPARE				2.7	SPARE	8		
9	SPARE				0.9	CANOPY LTG.	10		
11	DUCT HEATER	1.0			2.7	"	12		
13						"	14		
15					32	DOMESTIC W.P. ALER	16		
17						"	18		
19						"	20		
21					20/1P	3.0	SPACE	22	
23					20/1P	3.0	WALL HEATER	24	
25						"	"	26	
27	PANEL B VIA 50KVA XFR	30	150/3P	30/3P	11	HP-1 (ROOF TOP)	28		
29							30		
31						SPACE	32		
33							34		
35							36		
37							38		
39	DOMESTIC TIRE REPAIR BLDG G2	42	150/3P				40		
41							42		
REMARKS: UL SERVICE LABEL					CONNECTED LOAD: 160 KVA 192 AMPS DEMAND LOAD: 160 KVA 192 AMPS				
RETRACTANTS, BELLEVUE, WA WA									

PANEL SCHEDULE									
NO. B LOCATION: DOMESTIC EQUIP. CONTROL PLUG. 120/240 225 AMP MAIN BREAKER									
NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	NO.	LOAD DESCRIPTION	NO.
1	RECEPTACLE	0.6	20/1P	20/1P	0.8	RECEPTACLE FOR CAMERA	2		2
3	COMPRESSOR	0.5	20/1P	20/1P	0.4		4		4
5	RECEPTACLE	0.5	20/1P	20/1P	2.64	DRIVE-UP MACHINE	6		6
7		0.5	20/1P	20/1P	2.64		8		8
9		0.5	20/1P	20/1P	2.64		10		10
11		0.5	20/1P	20/1P	2.64		12		12
13	H.W. TANK	2.5	30/2P	20/1P	0.8		14		14
15	DIGITAL SCALES		20/2A	20/1P	1.0		16		16
17	RECEPTACLE RM 23, 24		20/1P	20/1P	0.4		18		18
19					0.4		20		20
21	VENDING MACHINE RM 25	0.5	20/1P	20/1P	1.5	OPEN/CLOSE SIGN	21		21
23		0.5	20/1P	20/1P	0.4	SPARE	22		22
25		2.4	30/1P	70/2P	10.0	PORTABLE	23		23
27							24		24
29	RECEPTACLE	0.4	20/1P	20/1P	0.5	DRIVE-UP SPEAKER UNIT	25		25
31		0.4	20/1P	20/1P	1.0	COMPUTER UNIT	26		26
33		0.4	20/1P	20/1P	0.5	PUMP PUMP	27		27
35		0.4	20/1P	20/1P		HP-1	28		28
37	TELEPHONE	0.5	20/1P	20/1P		SPARE (OLD 27)	29		29
39	FIRE ALARM	0.5	20/1P	20/1P		SPARE (OLD 25)	30		30
41	SPARE	0.5	20/1P	20/1P		SPARE (OLD 32)	31		31

REMARKS: GROUND BUS
CONNECTED LOAD: 30 KVA 150 AMPS
DEMAND LOAD: 30 KVA 150 AMPS



CONDUIT ARRANGEMENT AT FLOOR BOXES - ROOM 26
NO SCALE
RECEPTACLE CONDUIT RUN TO PANEL B
TELEPHONE " " RUN TO ROOM 26
SPEAKER " " RUN TO HOSE/UNIT UNDER COUNTER TOP
PRINTER " " RUN TO RM 26A
SCALE " " RUN TO J-BOX ROOM 21



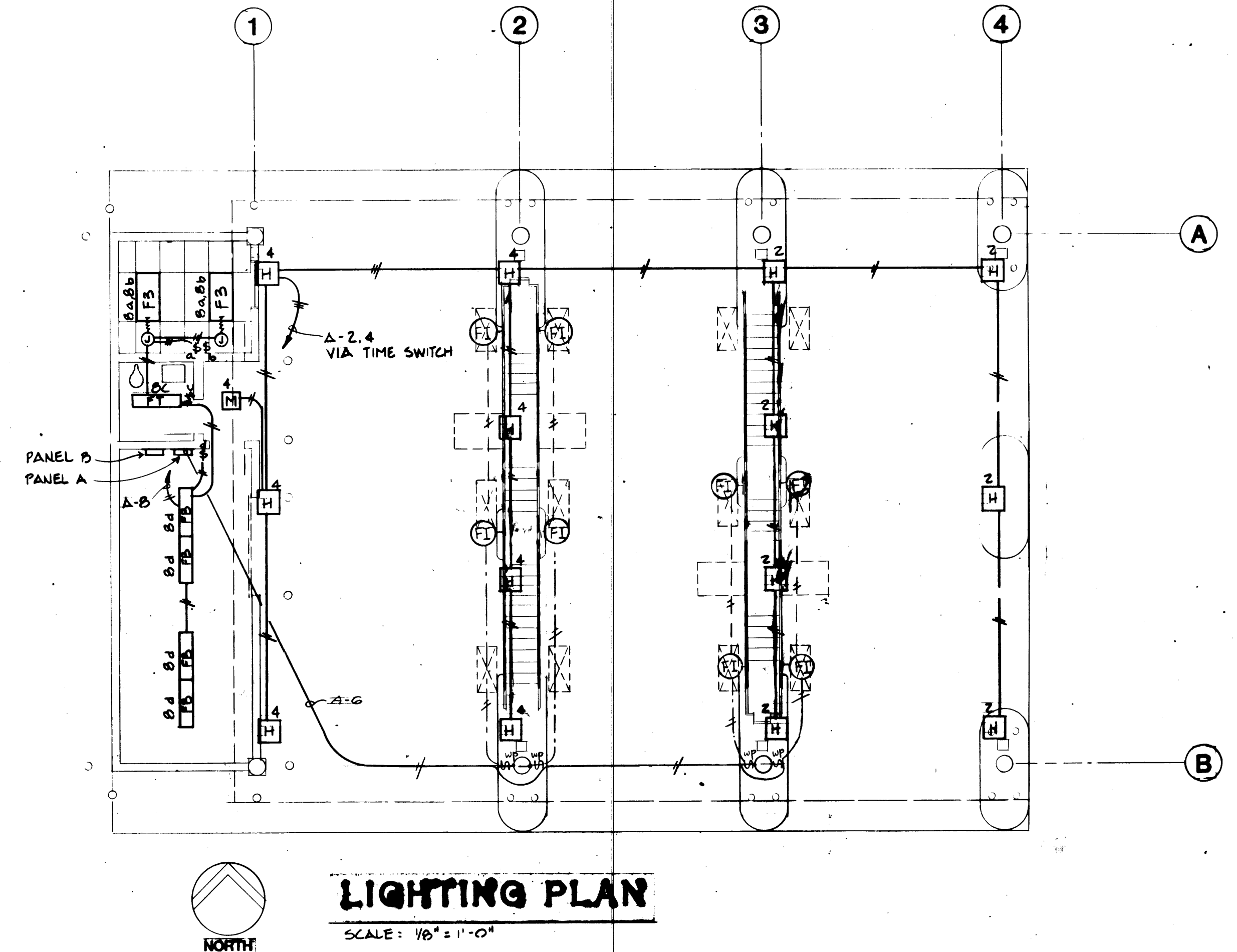
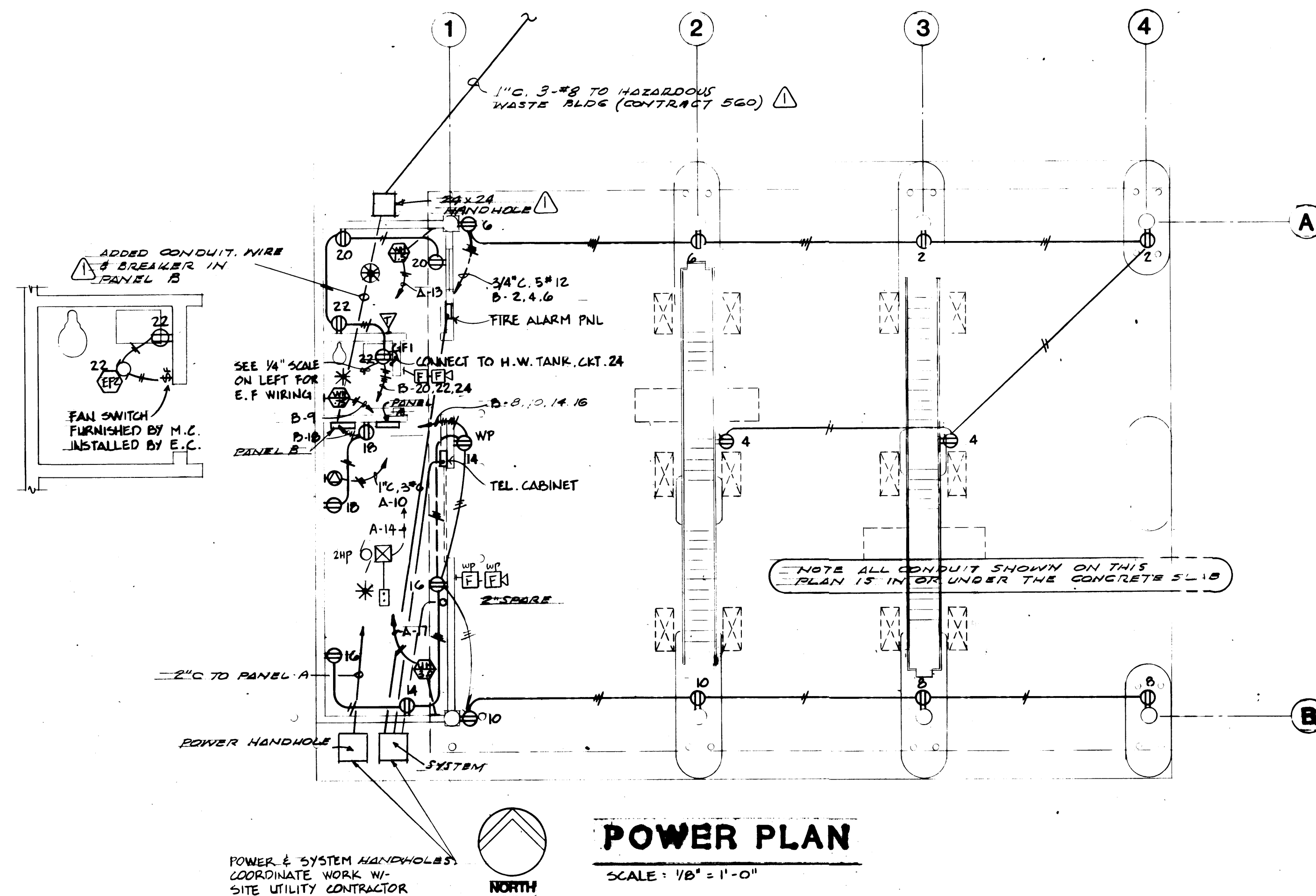
OPEN CLOSE SIGN SWITCH DETAIL
NO SCALE



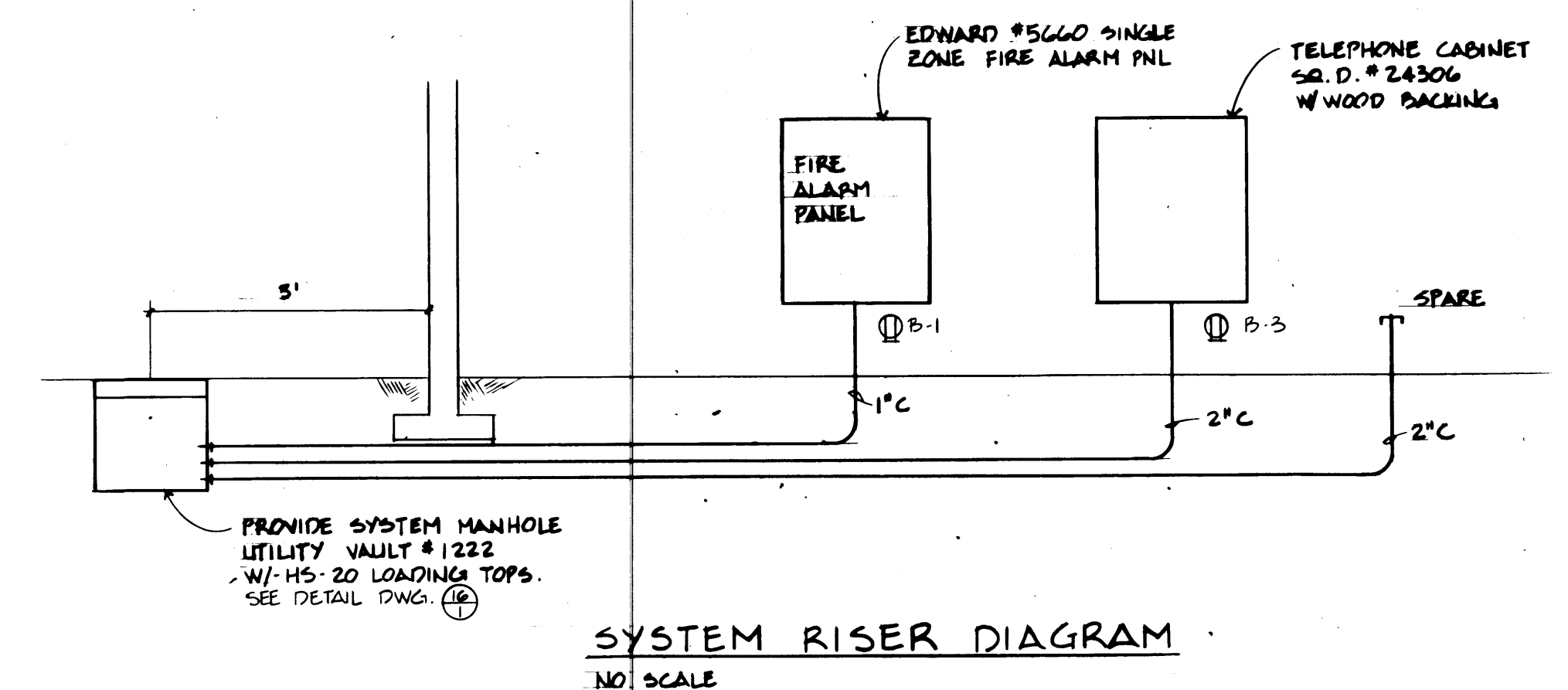
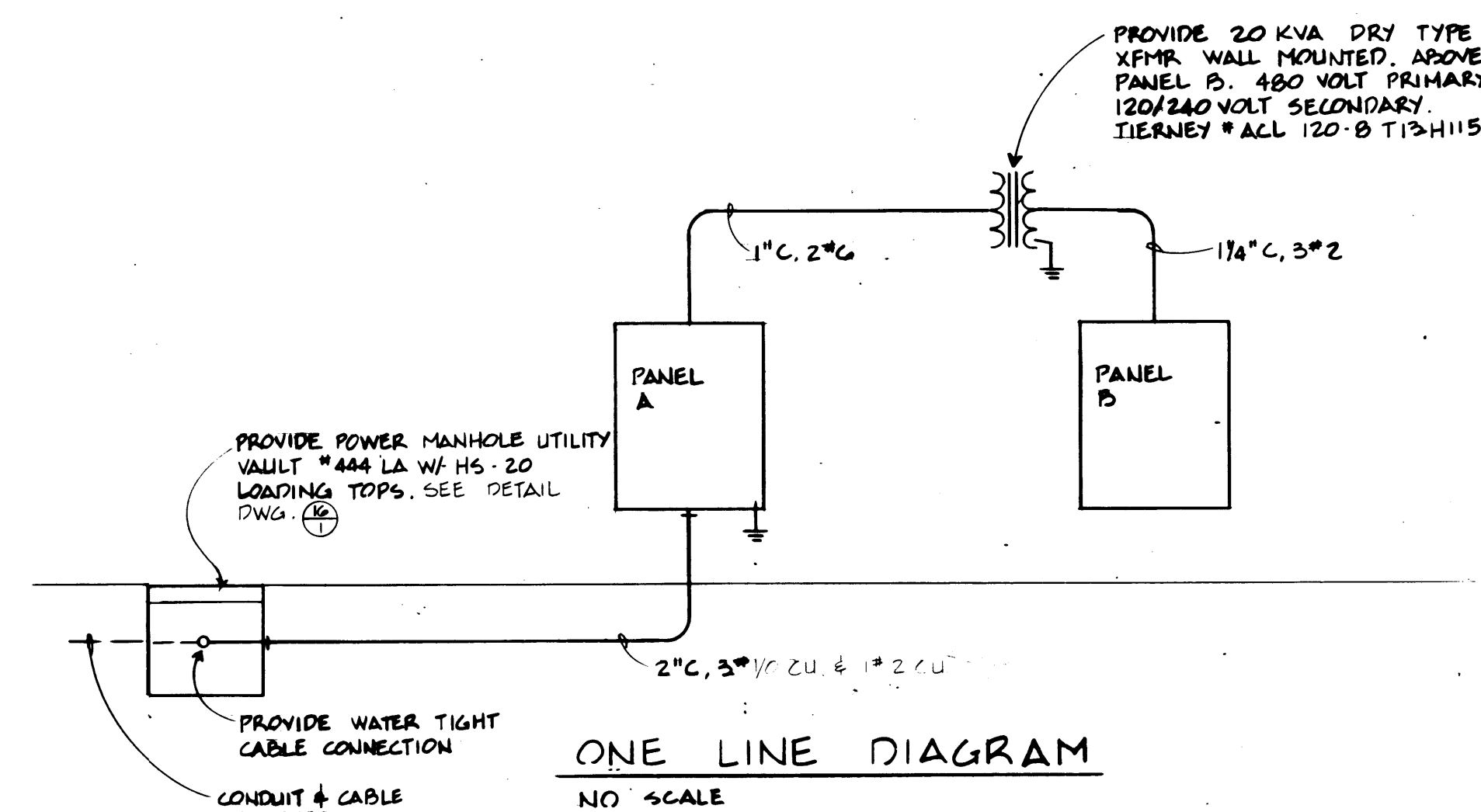
DRAWN: B.T.		DATE: 4-24-84	
CHECKED:	DATE:	DATE:	
CHECKED:	DATE:	DATE:	
CONT. NO. 556		FIELD BOOK (S):	
APPROVED: <i>James J. Taylor</i>		DATE: 4/26/84	
PROJECT MANAGER:		DATE:	
CHIEF ENGINEER:		DATE:	

PORT OF TACOMA
TACOMA TERMINALS, INC.
DOMESTIC EQUIPMENT CONTROL BUILDING

SCALE: 1/8" = 1'-0"
DRAWING NO. EP-3878-23
6-E-2-T
SHEET: E2-1 OF 2



PANEL SCHEDULE									
NO. A	LOCATION: DOMESTIC INSPECTION BLDG.	277/480	VOLTS 3	PHASE 3	WIRE				
CTK NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CTK NO.		
1	SPACE				2.1	EXTERIOR LIGHTING	2		
3	"				2.1	"	4		
5	"				1.47	INT. LIT.	6		
7	PANEL B. XFRM.	8.25	20/10	20/10	0.8	INTERIOR LIT.	8		
9	"					"	10		
11	SPACE					SPACE	12		
13	HEATER	1.5	20/10	20/10		WELDING OUTLET	14		
15	SPACE					WELDING OUTLET	16		
17	HEATER	3.0	20/10	20/10		SPACE	18		
19	"					"	20		
21	SPACE					"	22		
23	"					"	24		
25	"					"	26		
27	"					"	28		
29	"					"	30		
31	"					"	32		
33	"					"	34		
35	"					"	36		
37	"					"	38		
39	"					"	40		
41	"					"	42		
REMARKS: UL SERVICE LABEL		CONNECTED LOAD: 32 KVA		40 AMPS					
		DEMAND LOAD: 32 KVA		40 AMPS					



PANEL SCHEDULE									
NO. B	LOCATION: DOMESTIC INSPECTION BLDG.	120/240	VOLTS 1	PHASE 3	WIRE				
CTK NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CTK NO.		
1	FIRE ALARM PANEL	0.5	20/10	20/10	0.5	RECEPTACLES	2		
3	TEL. PANEL	0.5	20/10	20/10	0.5	"	4		
5	HAZARDOUS WASTE				0.5	"	6		
7	"				0.5	"	8		
9	WALL HEATER	0.75	20/10	20/10	0.5	"	10		
11	"				0.5	SPACE	12		
13	"				0.5	RECEPTACLES	14		
15	"				0.5	"	16		
17	"				0.5	"	18		
19	"				0.5	"	20		
21	"				0.5	"	22		
23	"				1.5	H.W. TANK	24		
25	"					"	26		
27	"					"	28		
29	"					"	30		
31	"					"	32		
33	"					"	34		
35	"					"	36		
37	"					"	38		
39	"					"	40		
41	"					"	42		
REMARKS:		CONNECTED LOAD: 8.25 KVA		35 AMPS					
		DEMAND LOAD: 8.25 KVA		35 AMPS					

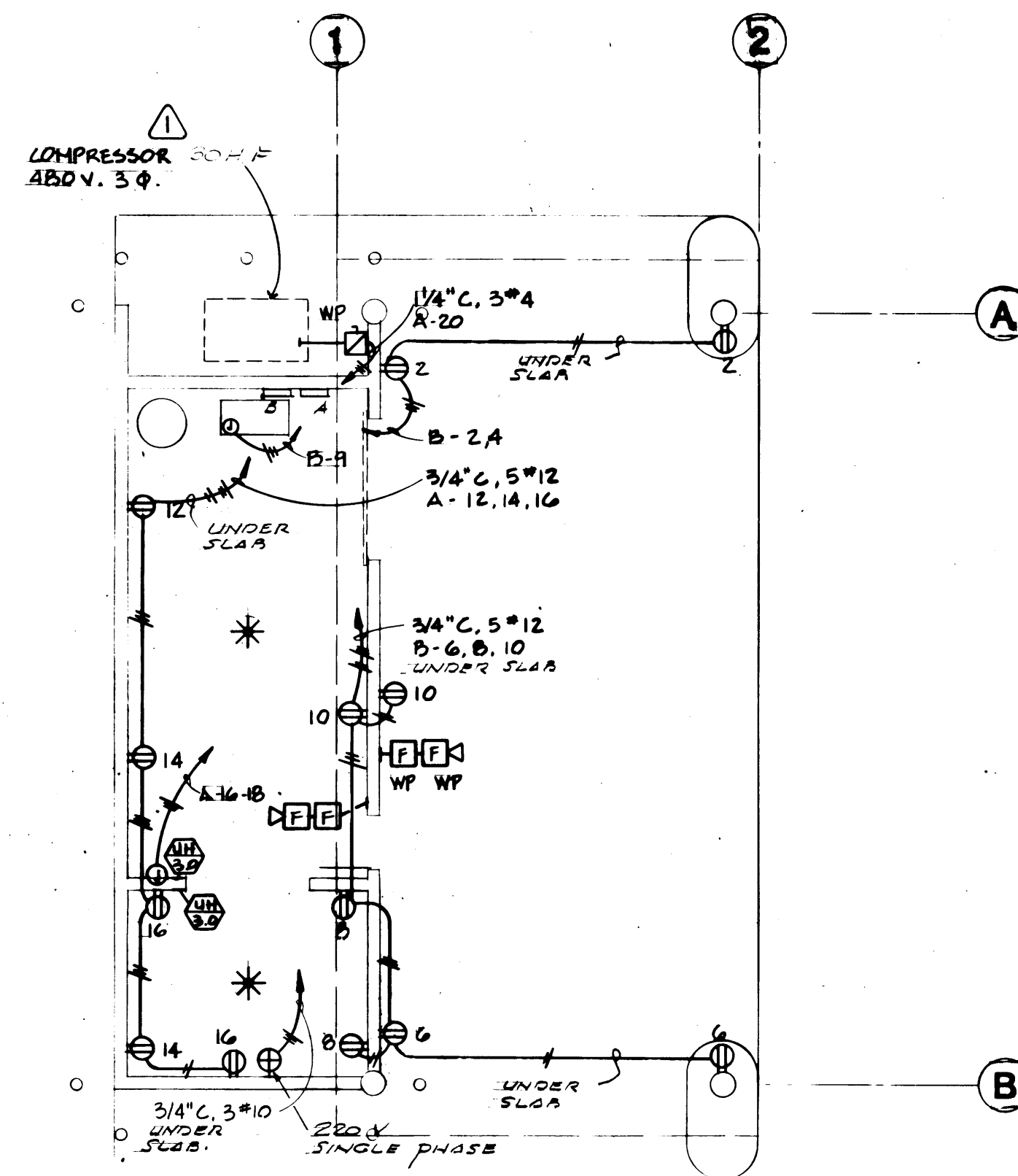


DRAWN C.H.J.		DATE 4-24-84		PORT OF TACOMA TACOMA TERMINALS, INC. DOMESTIC INSPECTION BUILDING	
CHECKED		CHECKED			
CHECKED		CHECKED			
CHECKED		CHECKED			
CONT. NO. 350		FIELD BOOK (S)		SCALE 1/8" = 1'-0"	
APPROVED [Signature]		DATE 4/26/84		DRAWING NO. EP-3678-23	
PROJECT MANAGER		DATE		6-E-3-1	
CHIEF ENGINEER		DATE		SHEET 07	

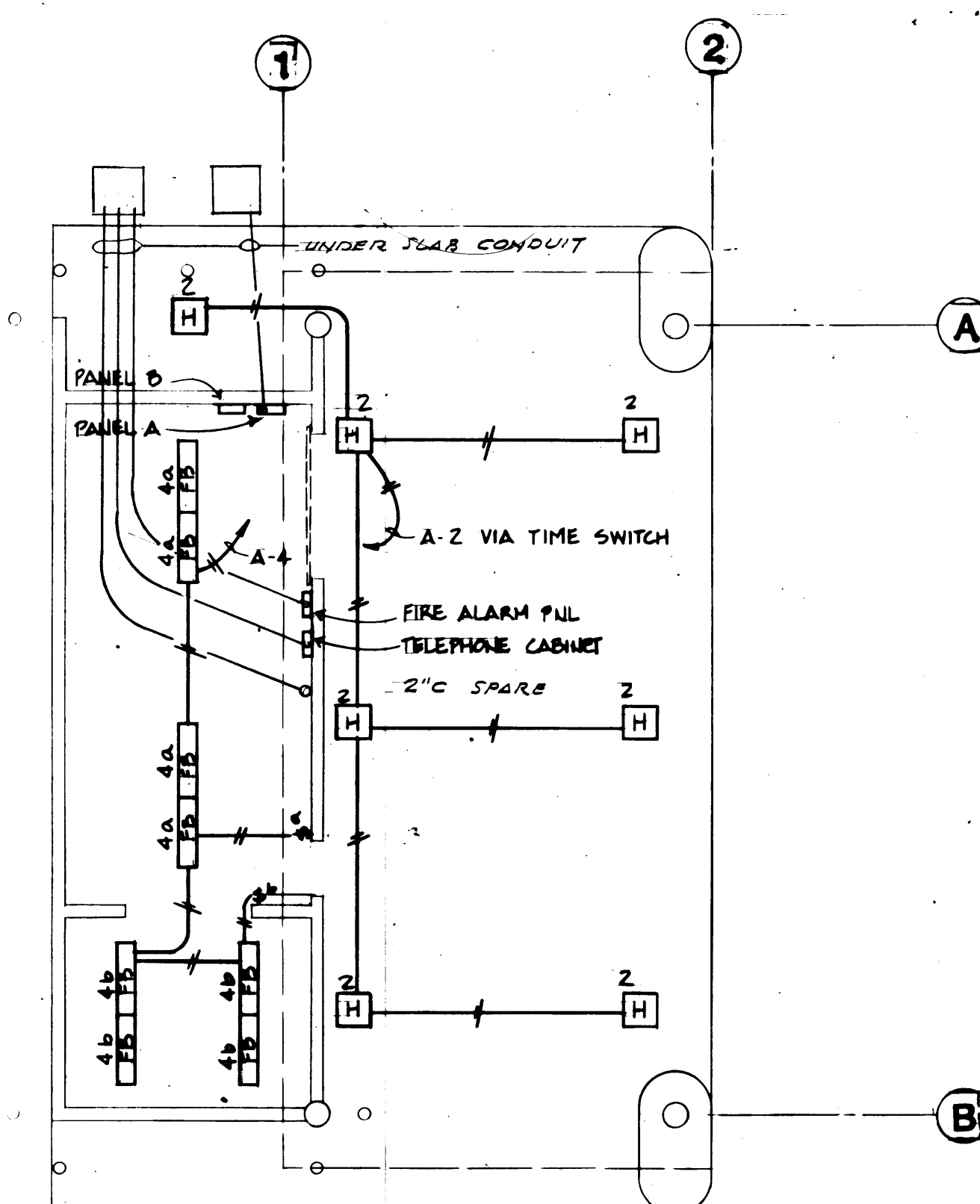
MARK	REVISION	BY	APP.	DATE
Δ	REVISED TO AS-BUILT	R.J.S.		10/14/85

PANEL SCHEDULE									
NO. A	LOCATION: DOMESTIC TIRE REPAIR SERVING:			277/240	VOLTS 3	PHASE A	WIRE 150 AMP WITH MAIN BREAKER		
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1							2		
3							4		
5							6		
7							8		
9	22 KVA XFMR, PANEL B	1	150/25				10		
11							12		
13							14		
15							16		
17							18		
19							20		
21							22		
23							24		
25							26		
27							28		
29							30		
31							32		
33							34		
35							36		
37							38		
39							40		
41							42		
REMARKS:		CONNECTED LOAD: 6.2 KVA		75 AMPS					
		DEMAND LOAD:		KVA					

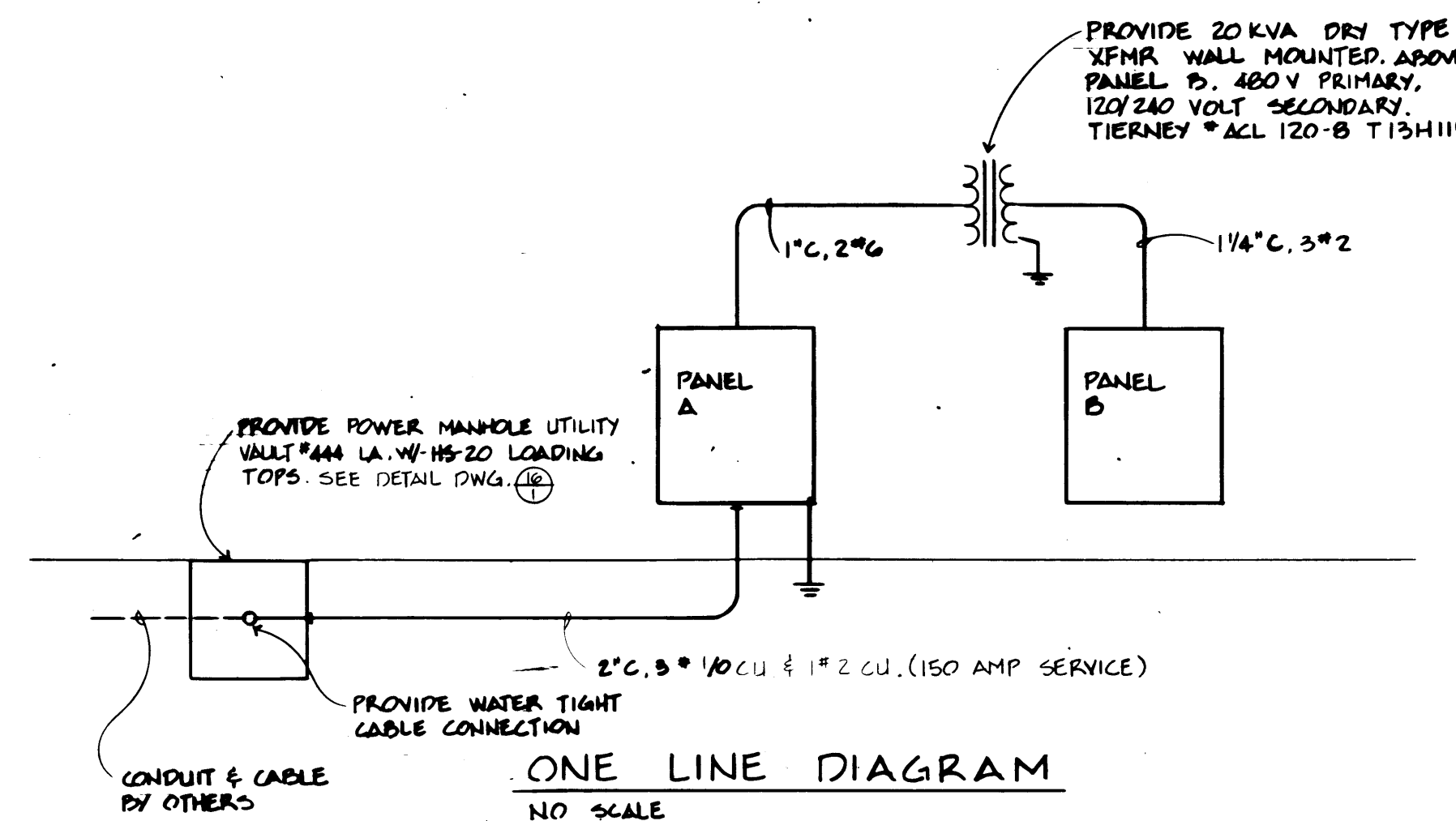
PANEL SCHEDULE									
NO. B	LOCATION: DOMESTIC TIRE REPAIR SERVING:			122/240	VOLTS 1	PHASE B	WIRE 122 AMP WITH MAIN BREAKER		
CKT NO.	LOAD DESCRIPTION	KVA	TRIP AMPS	TRIP AMPS	KVA	LOAD DESCRIPTION	CKT NO.		
1	FA PANEL	0.5	20/10		0.5	RECEPTACLES	2		
3	TEL PANEL	0.5	20/10		0.5		4		
5	SPARE				0.5		6		
7	DRYER	3.4	30/20		0.5		8		
9					0.5		10		
11	220 VOLT OUTLET	4.0	30/20			SPARE	12		
13							14		
15							16		
17							18		
19							20		
21							22		
23							24		
25							26		
27							28		
29							30		
31	MAIN BREAKER		100/20				32		
33							34		
35							36		
37							38		
39							40		
41							42		
REMARKS:		CONNECTED LOAD: 9 KVA		38 AMPS					
		DEMAND LOAD:		KVA					



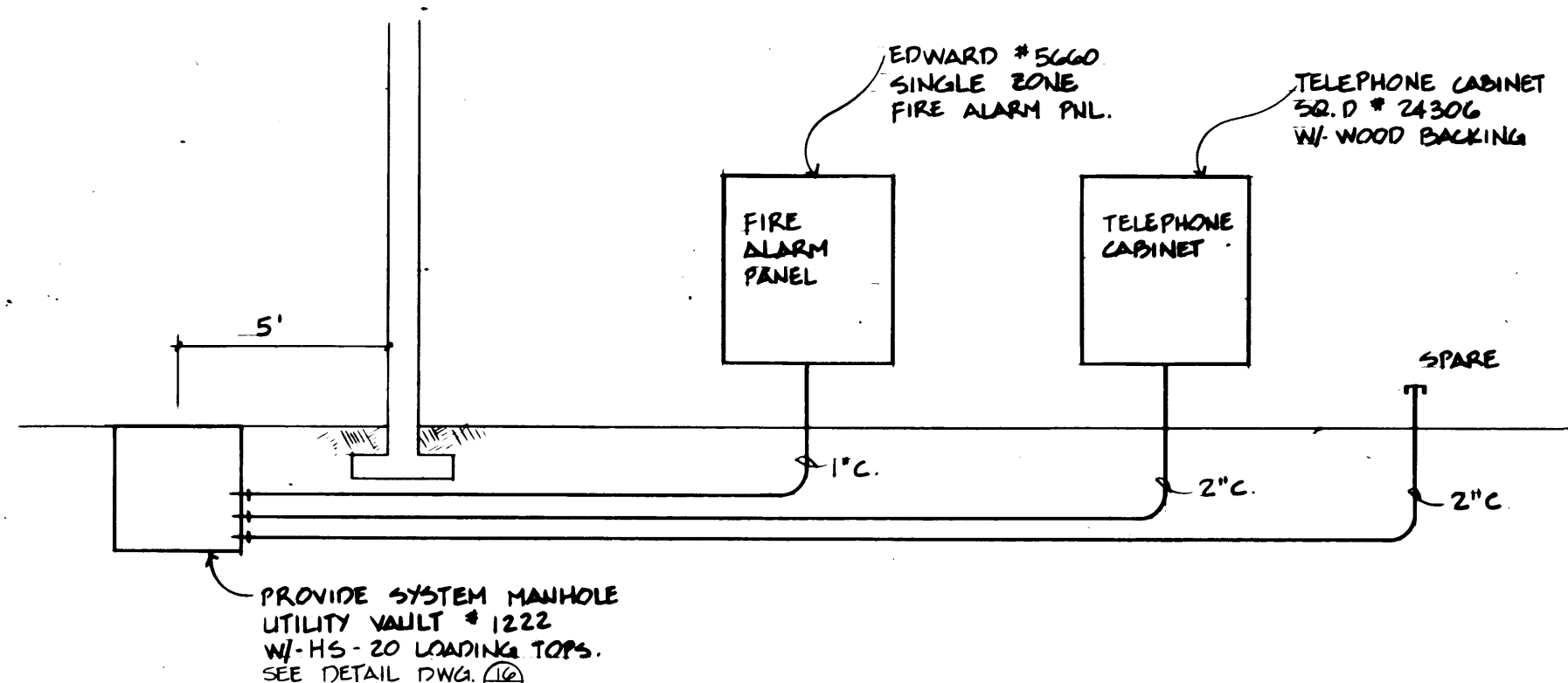
POWER PLAN
SCALE: 1/8" = 1'-0"



LIGHTING PLAN
SCALE: 1/8" = 1'-0"

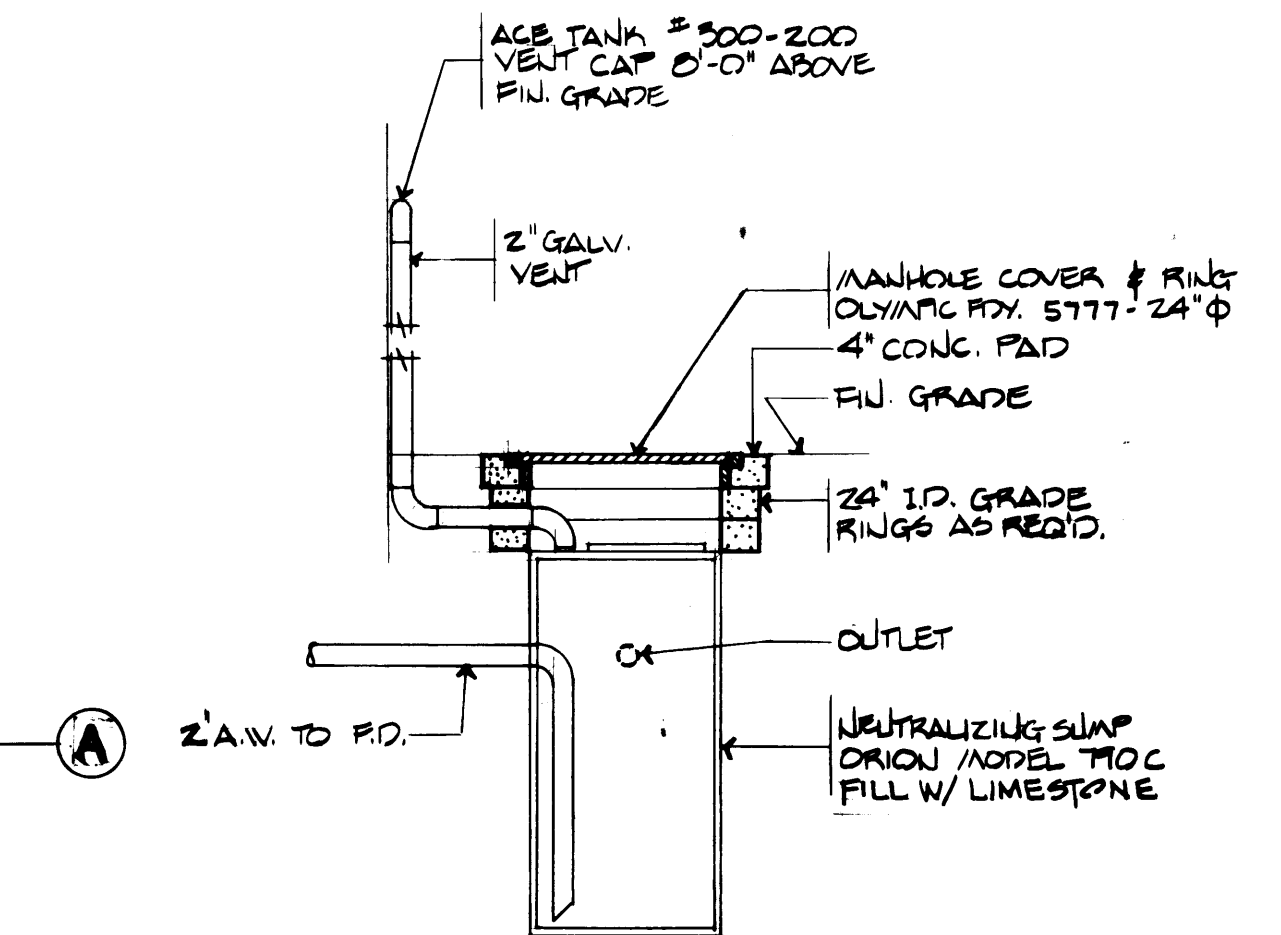
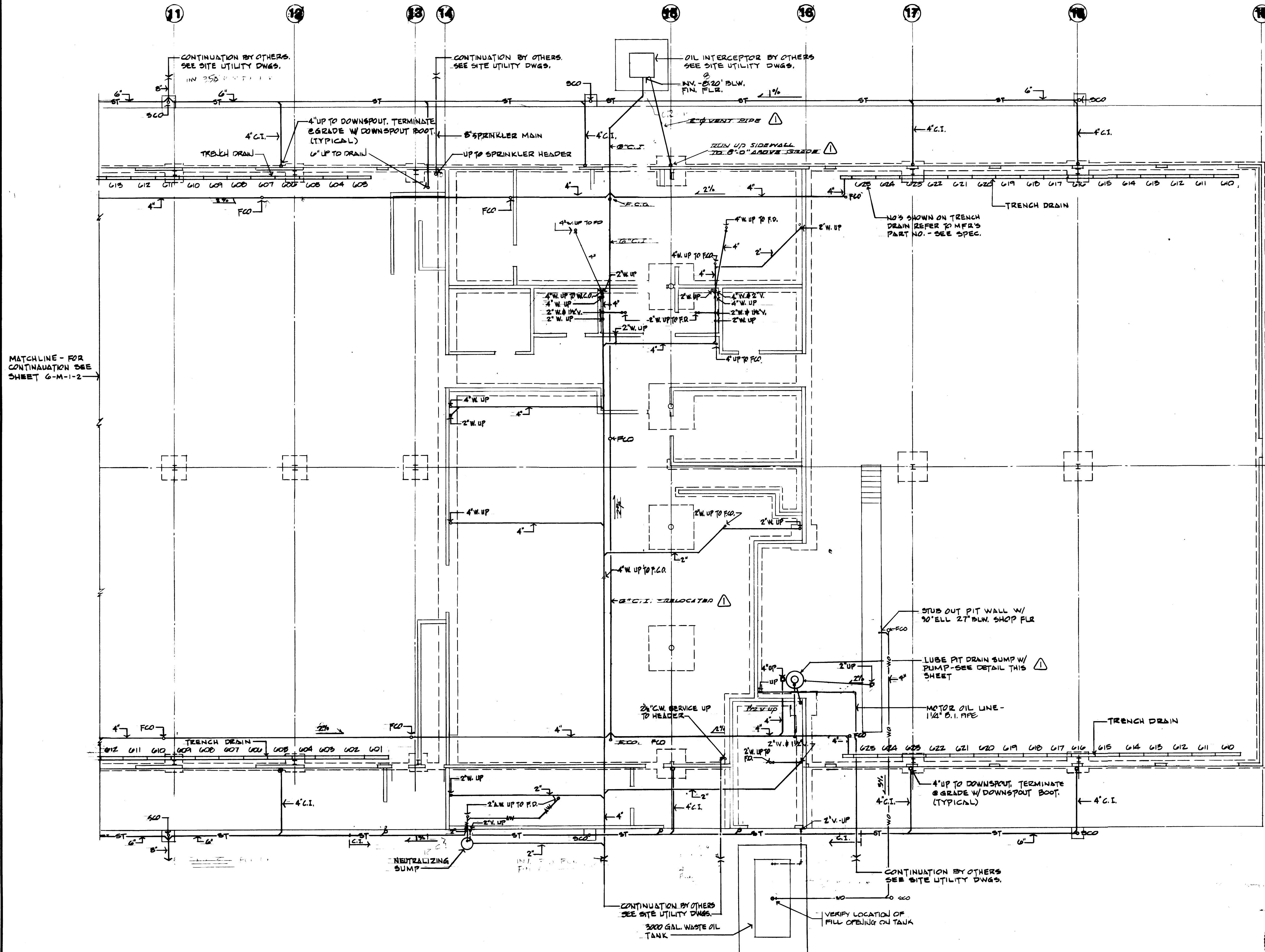


ONE LINE DIAGRAM
NO SCALE

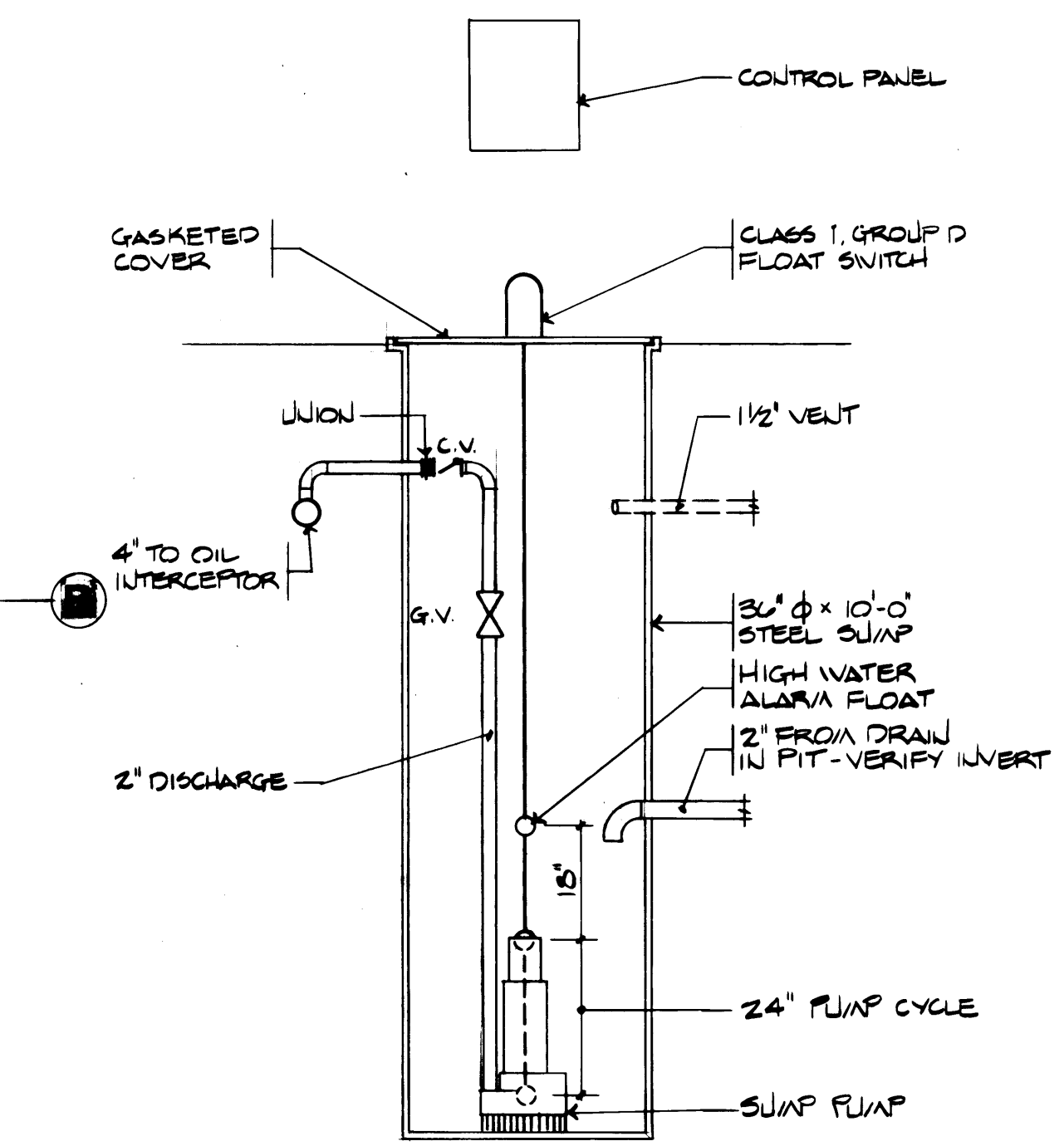


SYSTEM RISER DIAGRAM
NO SCALE

DRAWN B.T. DATE 4-24-84 CHECKED _____ DATE _____ CHECKED _____ DATE _____ CONT. NO. 55B		PORT OF TACOMA TACOMA TERMINALS, INC. DOMESTIC TIRE REPAIR BUILDING	
FIELD BOOK (S) APPROVED _____ PROJECT MANAGER CHIEF ENGINEER		SCALE 1/8" = 1'-0" DRAWING NO. EP-3876-20 6-E-4-1 SHEET 2 OF 2	
MARK REVISION BY APP. DATE	REVISION TO AS-BUILT RJS 10-18-84		

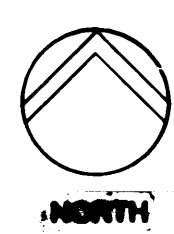


NEUTRALIZING SUMP DETAIL
NO SCALE

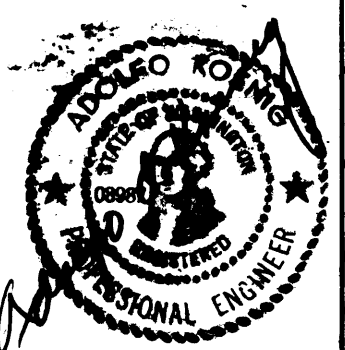


LUBE PIT DRAIN SUMP DETAIL
NO SCALE

MATCHLINE - FOR CONTINUATION SEE SHEET 6-M-1-2

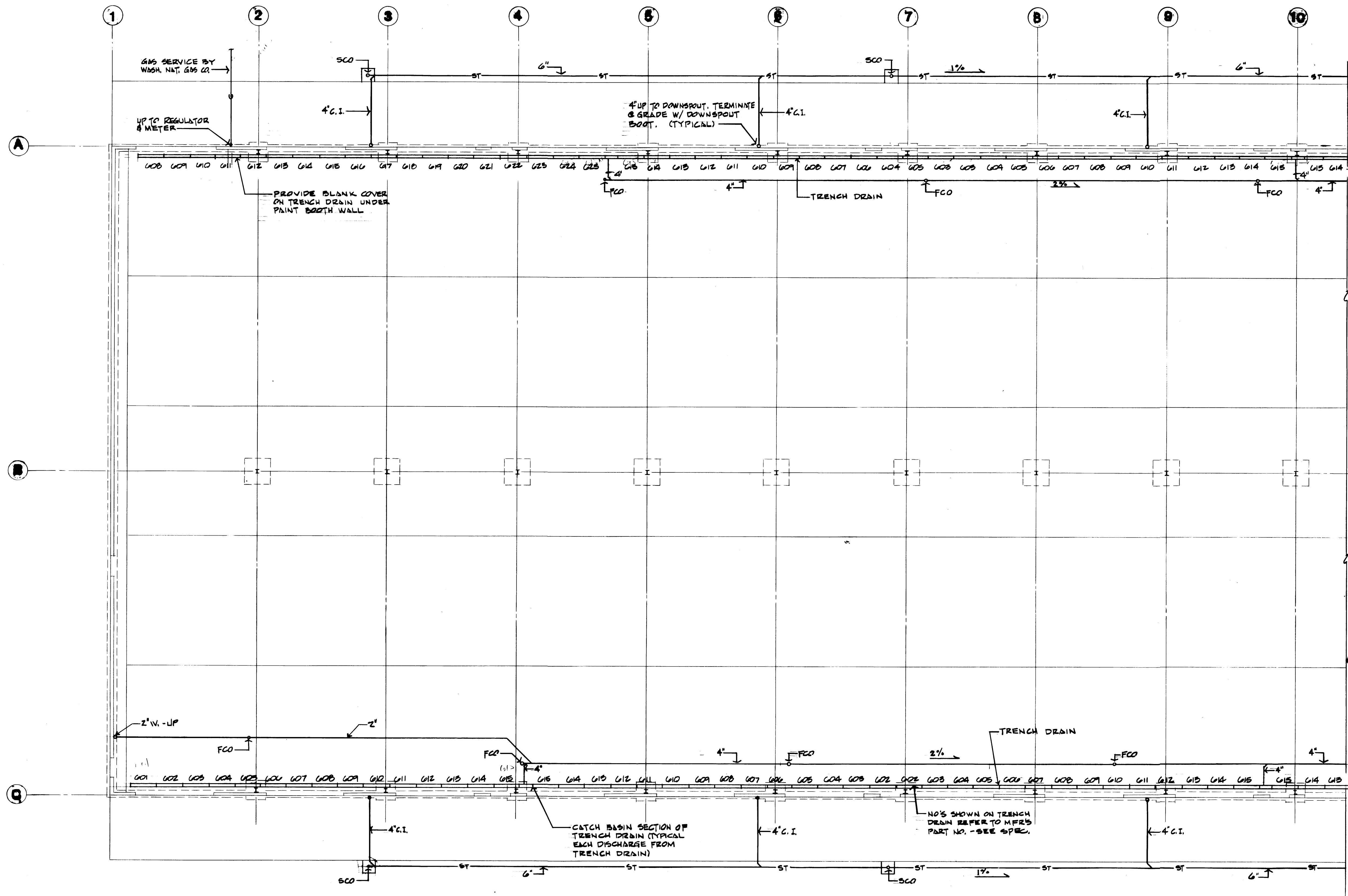


FOUNDATION PLAN-EAST SECTION
SCALE: 1/8" = 1'-0"



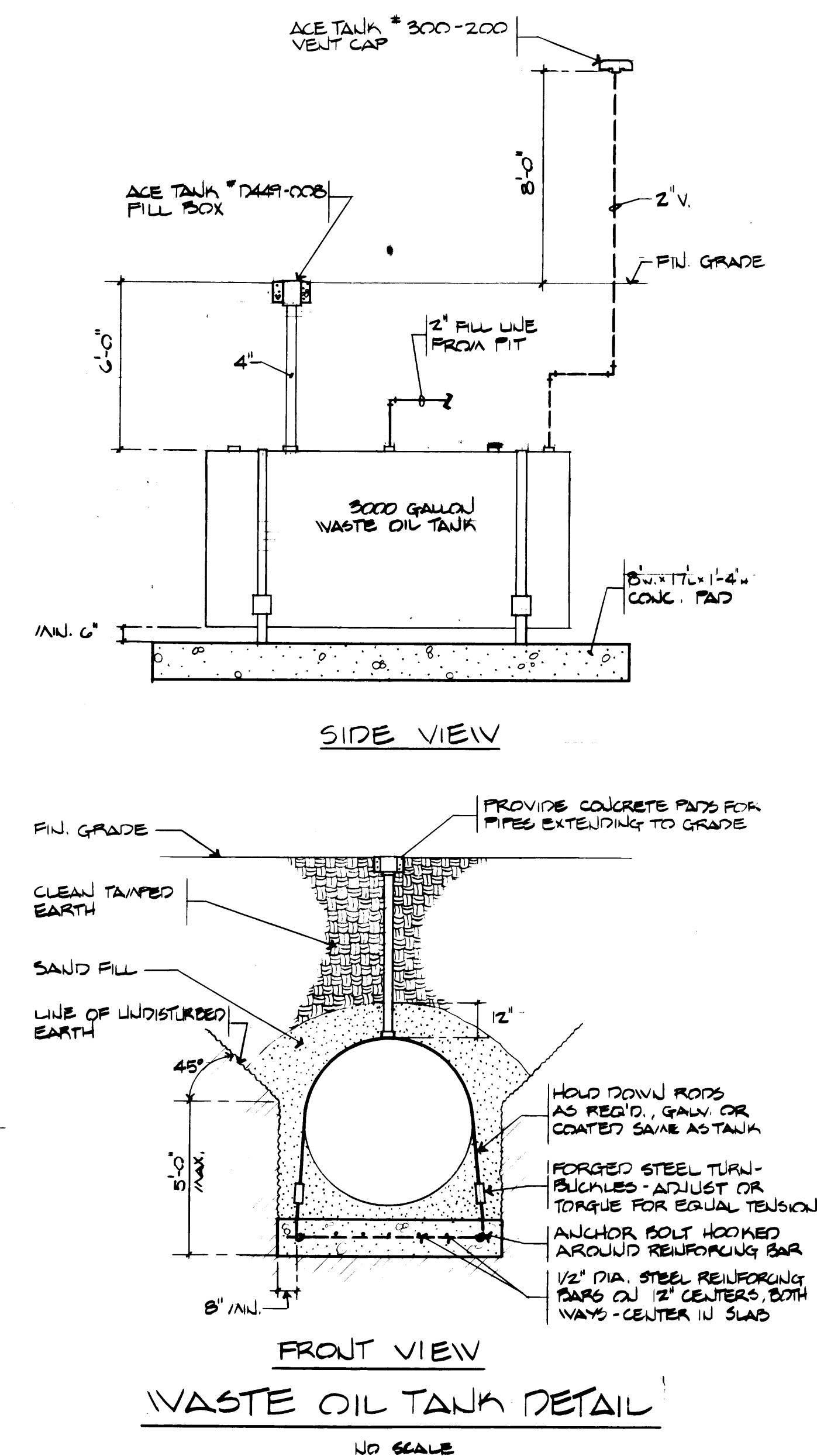
DRAWN: G.C.		DATE: 4-24-84	
CHECKED:		CHECKED:	
DATE:		DATE:	
CONT. NO. 952		FOUNDATION PLAN-PLUMBING	
FIELD BOOK (S)		SCALE: 1/8" = 1'-0"	
APPROVED:	<i>John F. [Signature]</i>	DATE:	4/26/84
PROJECT MANAGER:		DATE:	
CHIEF ENGINEER:		DATE:	

MARK	REVISION	BY	APP.	DATE
1	REVISED TO AS BUILT	R.J.S.		10-2-88

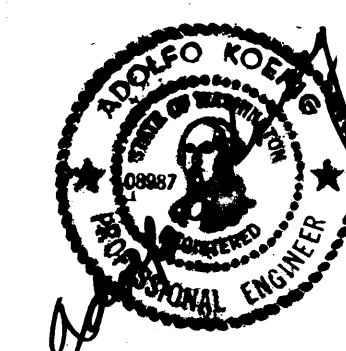


FOUNDATION PLAN-WEST SECTION

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



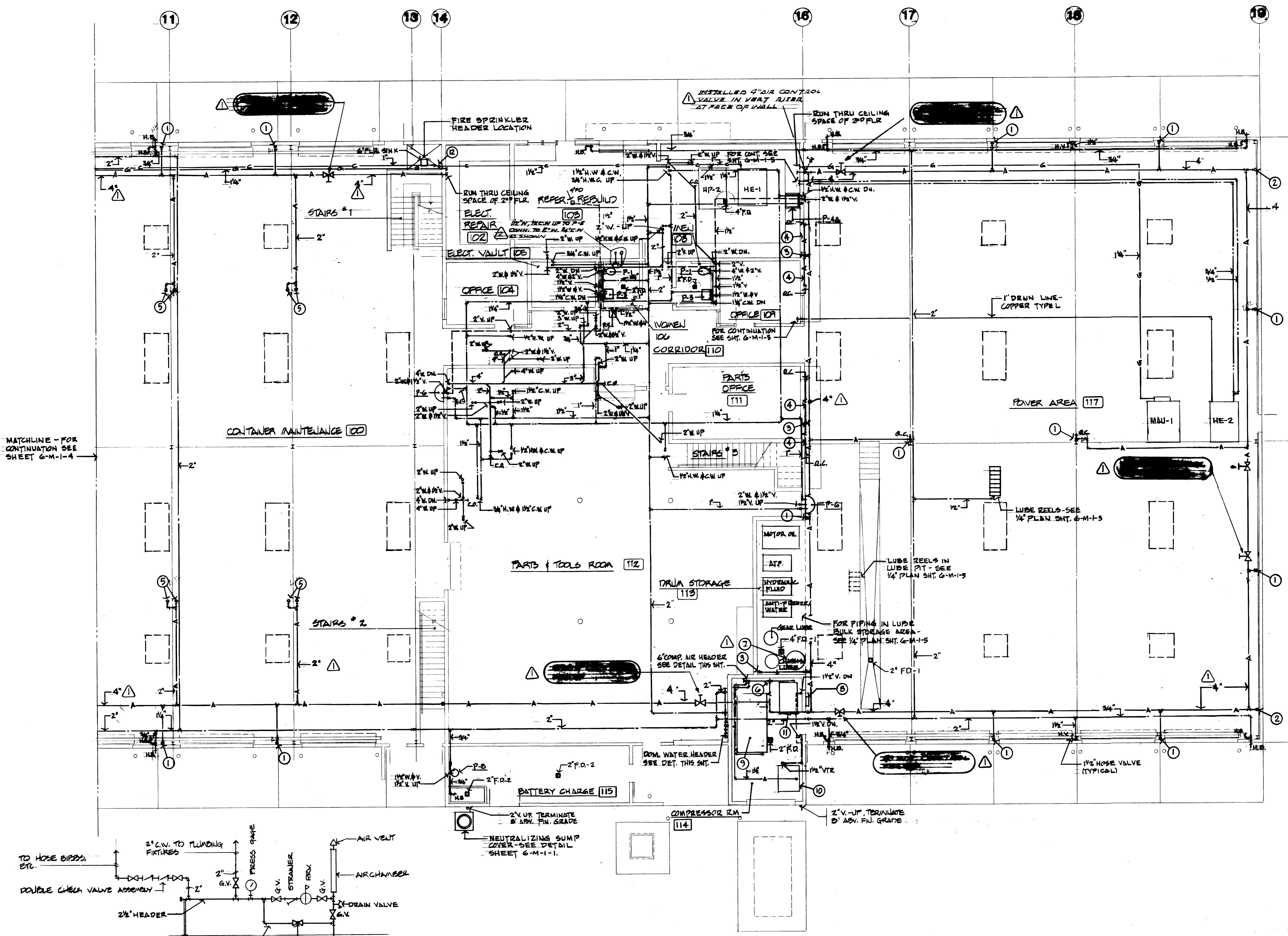
MATCHLINE - FOR CONTINUATION SEE SHEET G-M-1-1.



DRAWN <u>GC</u>		PORT OF TACOMA	
DATE <u>4-24-84</u>		TACOMA TERMINALS, INC.	
CHECKED		WASTE OIL TANK	
DATE		WEST SECTION	
CHECKED		FOUNDATION PLAN-PLUMBING	
DATE		CONT. NO. <u>555</u>	
FIELD BOOK (S)		SCALE: 1/8" = 1'-0"	
APPROVED	<u>John T. Taylor</u>	DATE	<u>4/26/84</u>
PROJECT MANAGER		DATE	<u>EP-3878-23</u>
CHIEF ENGINEER		DATE	<u>6-M-1-2</u>
SHEET		SHEET <u>112</u> OF <u>8</u>	

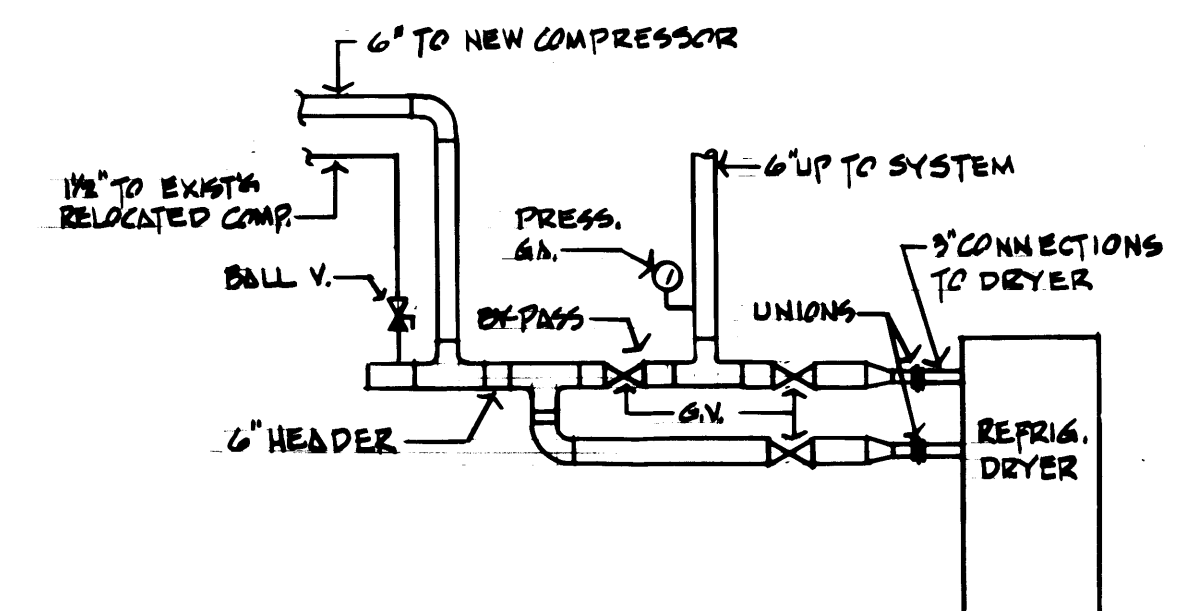
MARK	REVISION	BY	APP.	DATE
	NO AS BUILT CHANGES	J.T.S.		10-2-85

G-M-1-2

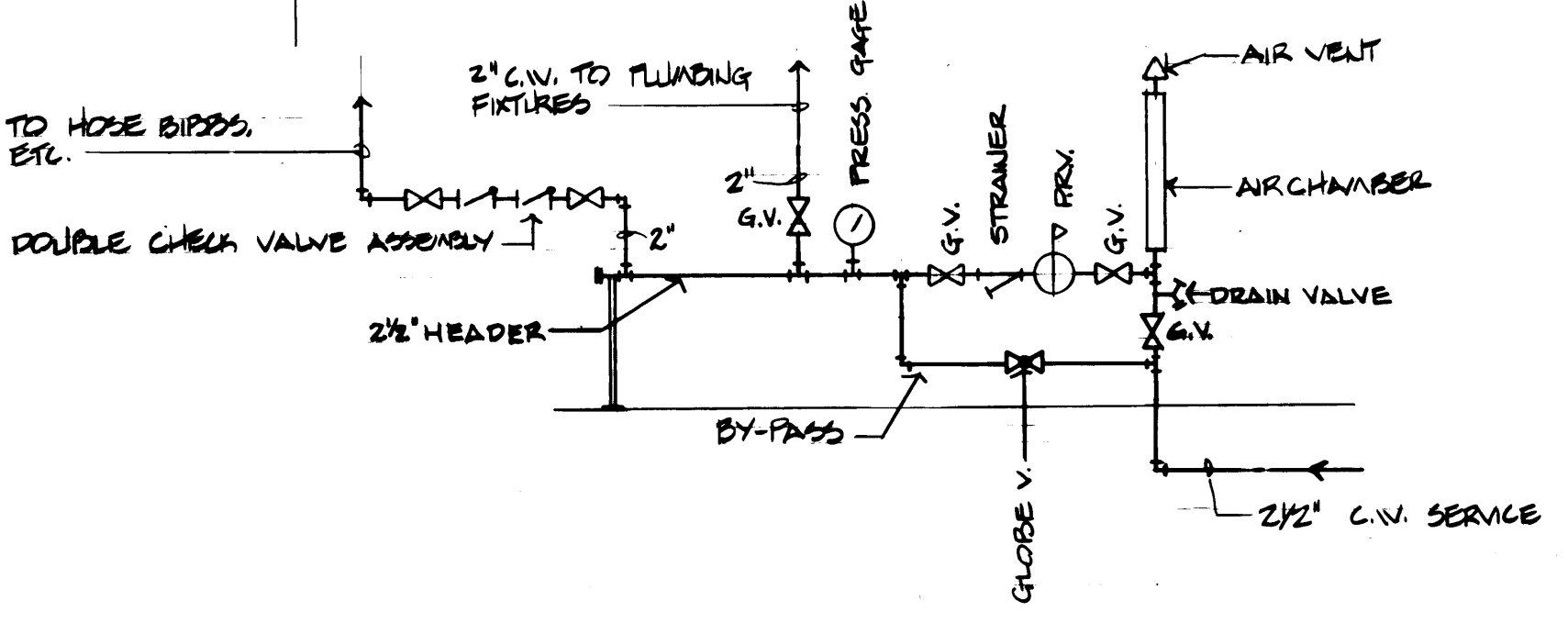


PLAN NOTES

- 1/4" DOWN TO 1/2" QUICK CONNECT @ +42". SEE TYPICAL DETAIL SHEET 6-M-1-4.
- 3/4" DOWN TO DRIP LEG. PROVIDE 1/2" BALL VALVE 24" ABV. FIN. FLR.
- 3/4" DOWN
- RUN 1/2" ALONG WALL ABOVE WORK BENCH BACKSPASH TO QUICK CONNECT (Q.C.).
- 1/2" HOSE DROP WITH QUICK CONNECT. HOSE TO TERMINATE 7'-0" ABOVE FIN. FLR.
- 6" DOWN TO HEADER.
- LUBE PIT DRAIN SUMP W/ COVER & PUMP - SEE DETAIL SHT. 6-M-1-1.
- SUMP PUMP CONTROL PANEL.
- NEW 125HP AIR COMPRESSOR.
- EXIST'G 60HP AIR COMPRESSOR TO BE RELOCATED FROM EXIST'G SEALAND FACILITY IN SEATTLE.
- COMPRESSED AIR SYSTEM DRYER.
- RUN CONDENSATE DOWN TO FLOOR SINK.



COMPRESSED AIR HEADER
NO SCALE



COLD WATER HEADER DETAIL
NO SCALE

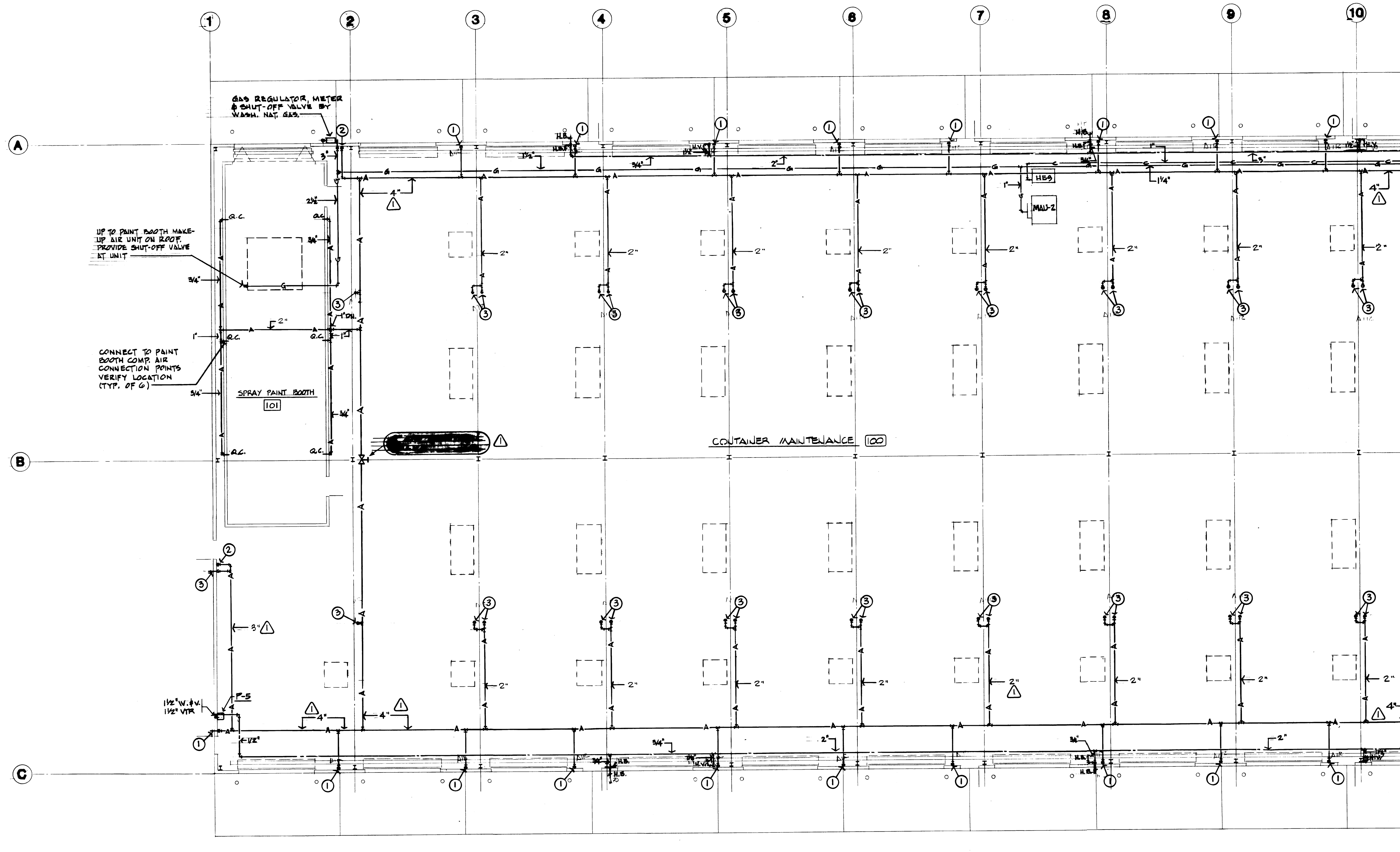
FIRST FLOOR PLAN-EAST SECTION

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

AIR CONTROL VALVE INSTALLATION
SMALL WORKS CONTRACT NO. 328

DRAWN: GC		DATE: 4-24-58	
CHECKED:	DATE:	CHECKED:	DATE:
CONT. NO. 552		FIELD BOOK (S):	
APPROVED: [Signature]		SCALE: 1/8" = 1'-0"	
PROJECT MANAGER: [Signature]		DATE: 4/24/58	
CHIEF ENGINEER: [Signature]		DATE:	

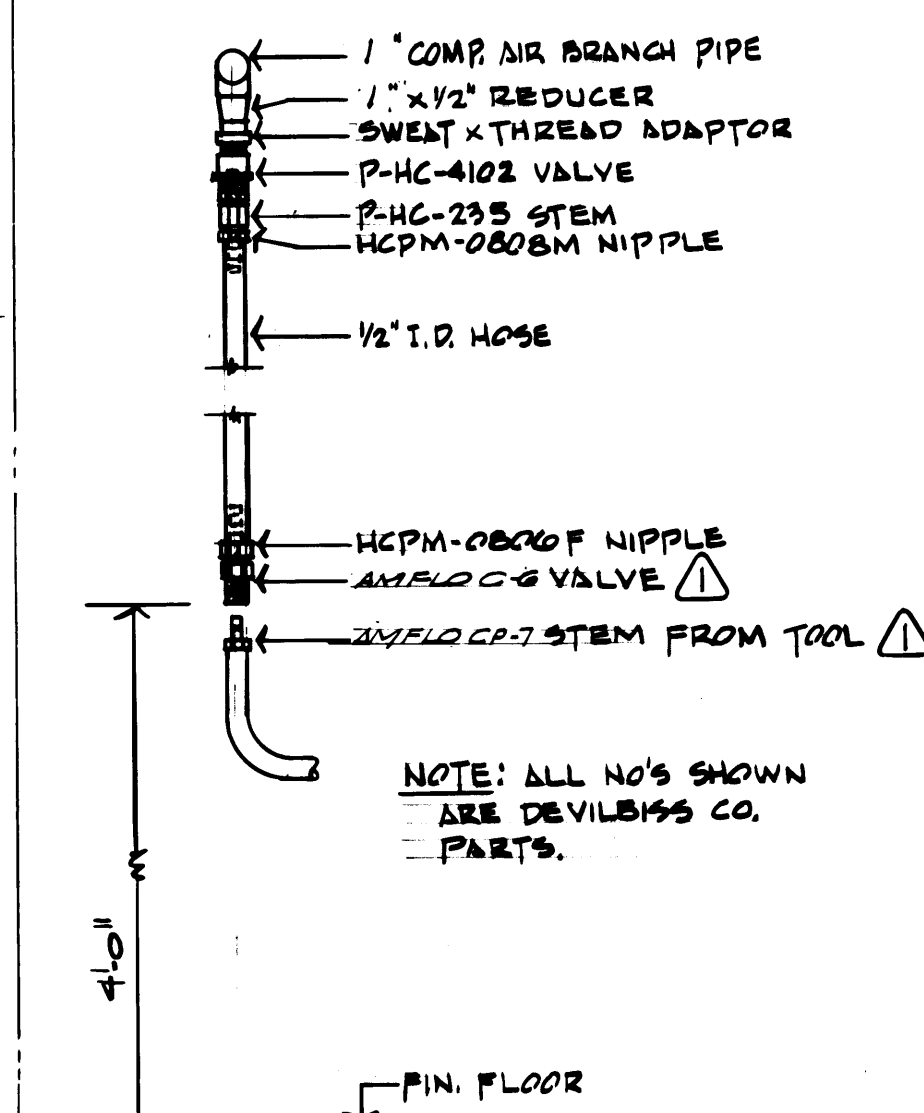
REVISION	BY	APP.	DATE
1	GC		4-24-58
2	GC		4-24-58
3	GC		4-24-58



PLAN NOTES

- 3/4" DOWN TO 1/2" QUICK CONNECT + 42". SEE DETAIL THIS SHEET.
- 3/4" DOWN TO DRIP LEG. PROVIDE 1/2" BALL VALVE 24" ABV. FIN. FLR.
- 1/2" HOSE DROP WITH QUICK CONNECT. HOSE TO TERMINATE 7'-0" ABV. FIN. FLR. SEE DETAIL THIS SHEET.

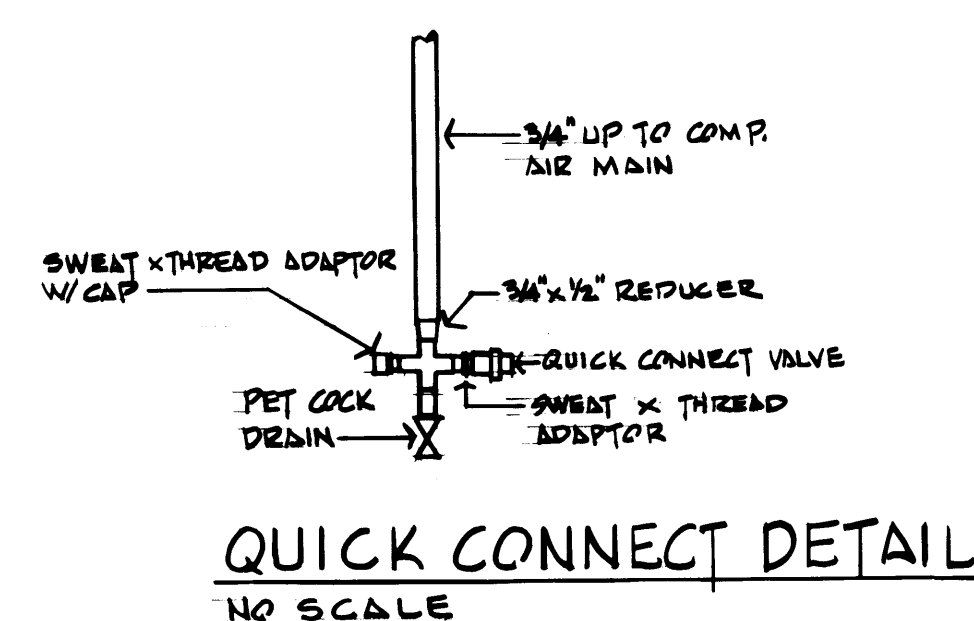
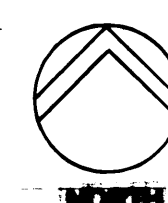
MATCHLINE - FOR CONTINUATION
SEE SHEET 6-M-1-B.



HOSE DROP DETAIL
NO SCALE

FIRST FLOOR PLAN-WEST SECTION

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

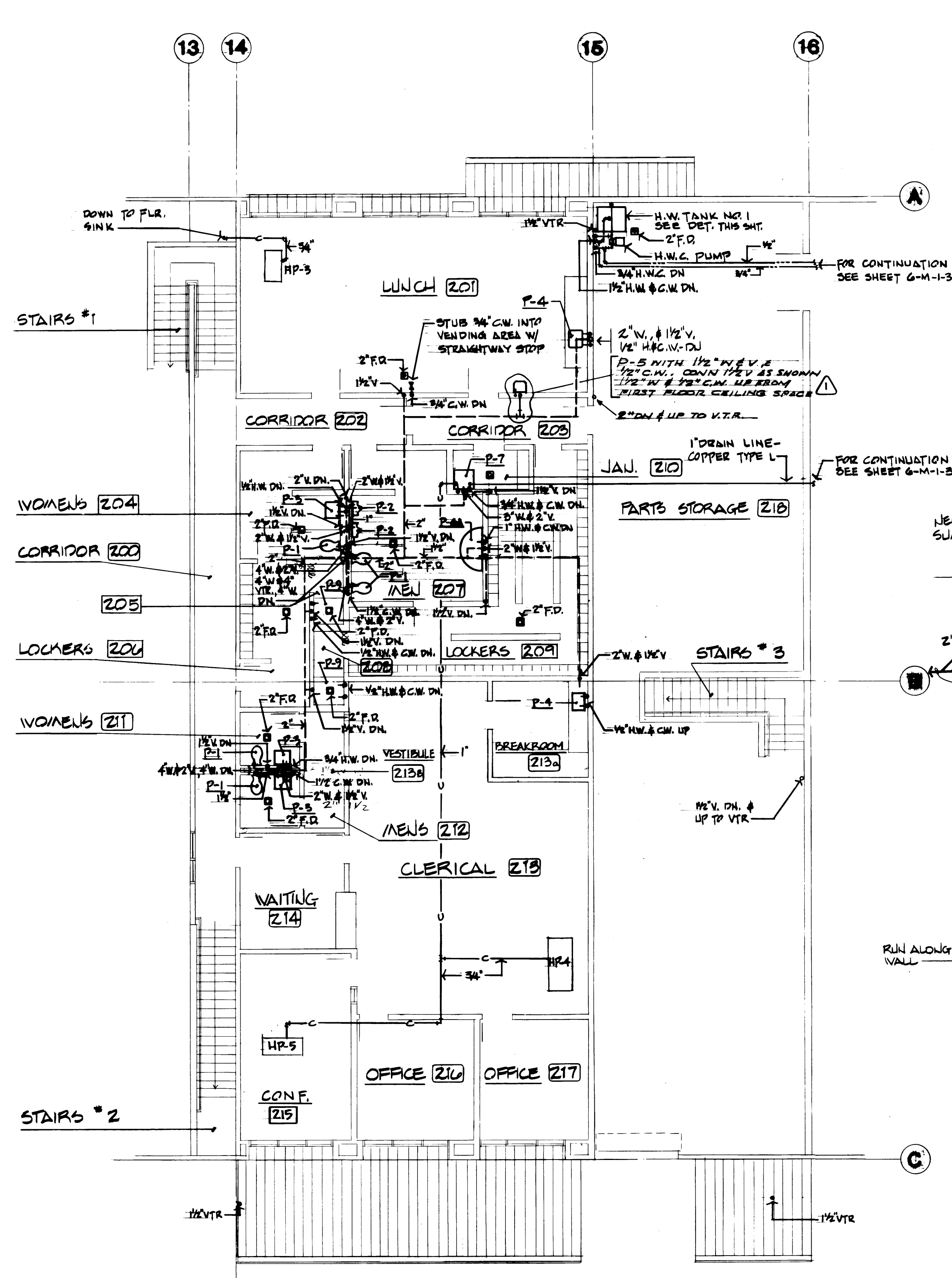


AIR CONTROL VALVE INSTALLATION
SMALL WORKS CONTRACT NO. 522

DRAWN G.C.		DATE 4-24-84	
CHECKED	DATE	CHECKED	DATE
CHECKED	DATE	CHECKED	DATE
CONT. NO. 522		SCALE 1/8" = 1'-0"	

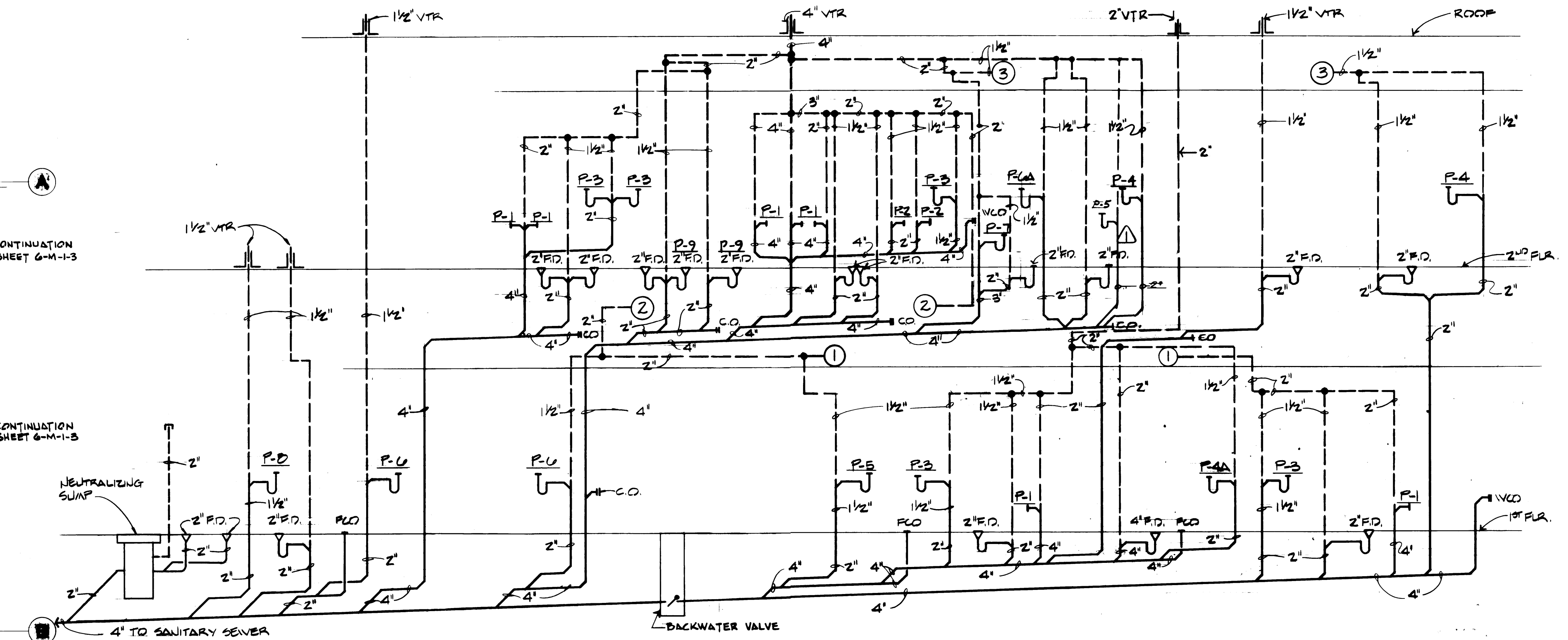
PORT OF TACOMA
TACOMA TERMINALS, INC.
INTERIOR GARAGE
WEST SECTION
PLUMBING

APPROVED	DATE 4/26/84	DRAWING NO. EP-3878-23
PROJECT MANAGER	DATE	6-M-1-4
CHIEF ENGINEER	DATE	SHEET 11-6 OF 6



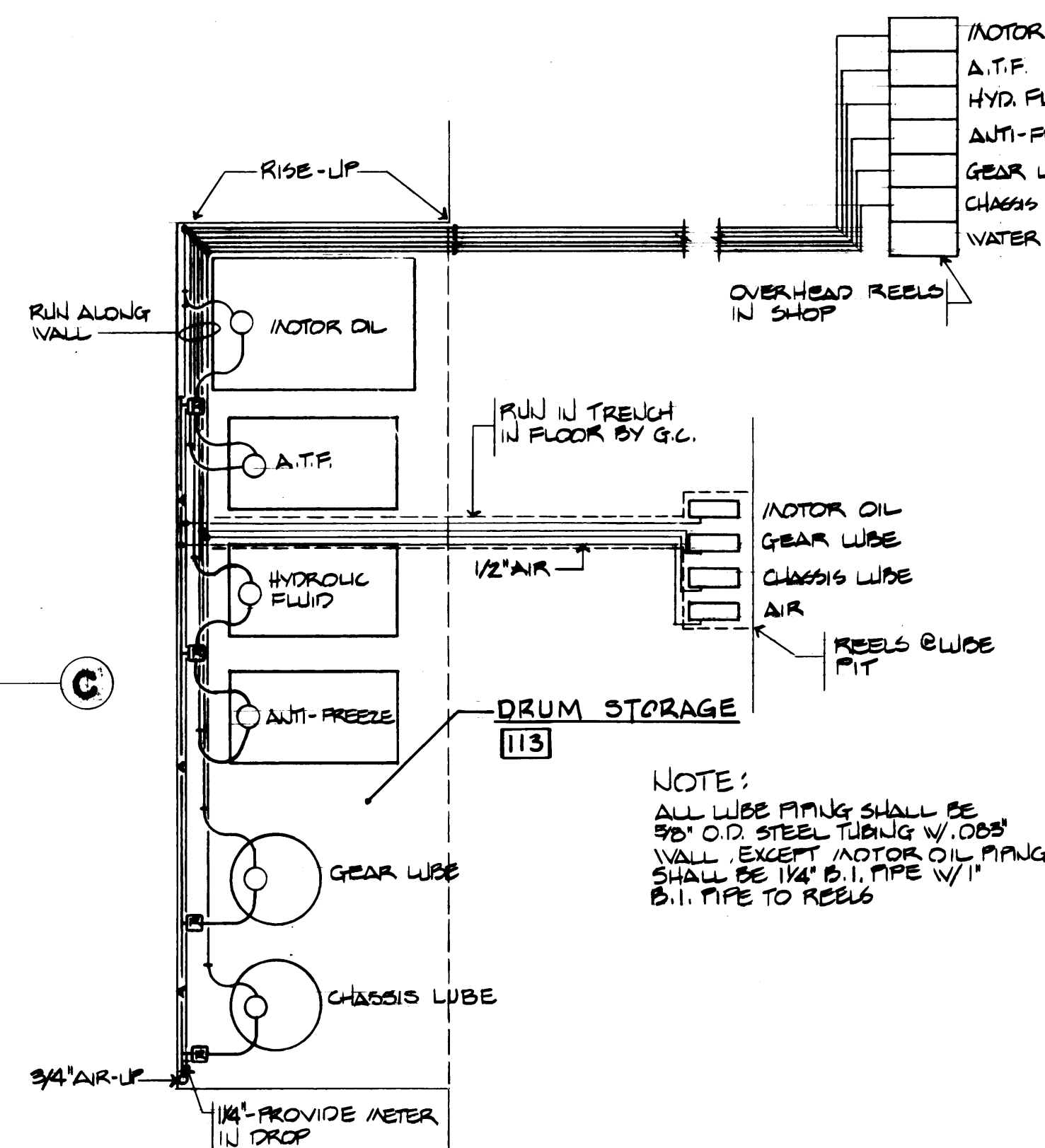
SECOND FLOOR PLAN

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



PLUMBING RISER DIAGRAM

NO SCALE

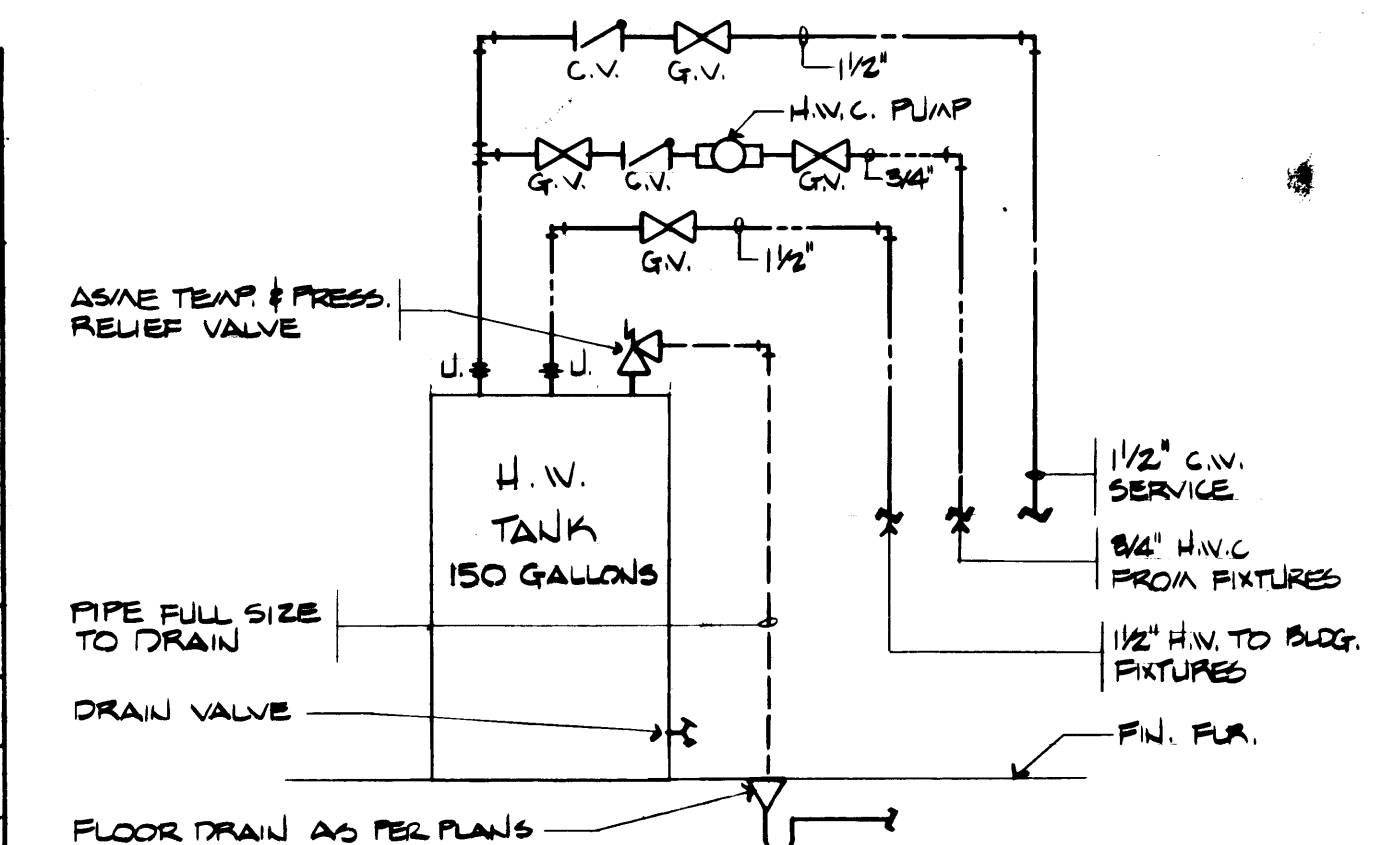


LUBE PIPING PLAN

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

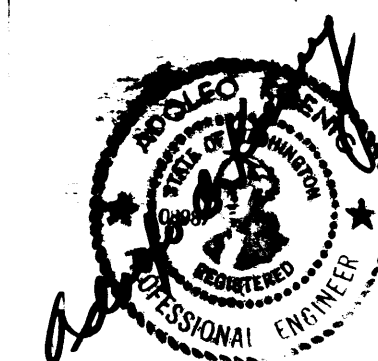
NOTE:
ALL LUBE PIPING SHALL BE
3/8" O.D. STEEL TUBING W/ ODS
WALL EXCEPT MOTOR OIL PIPING
SHALL BE 1/4" B.I. PIPE W/ 1"
B.I. PIPE TO REELS

FIX.	DESCRIPTION	LOCAL PIPING CONNECTN				NOTES
		W.	V.	C.W.	H.W.	
P-1	WATER CLOSET	4"	2"	1"	—	WALL HUNG
P-2	URINAL	2"	1 1/2"	3/4"	—	
P-3	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	
P-4	SINK	2"	1 1/2"	1/2"	1/2"	
P-4A	SINK	2"	1 1/2"	1/2"	1/2"	
P-5	DRINKING FOUNTAIN	1 1/2"	1 1/2"	1/2"	—	
P-6	WASH FOUNTAIN	2"	1 1/2"	1"	1"	36" SEMI-CIRCULAR
P-6A	WASH FOUNTAIN	2"	1 1/2"	1"	1"	54" SEMI-CIRCULAR
P-7	SERVICE SINK	3"	2"	3/4"	3/4"	
P-8	EYEWASH	1 1/2"	1 1/2"	1/2"	—	
P-9	SHOWER	2"	1 1/2"	1/2"	1/2"	W/ 2" FLR. DR.



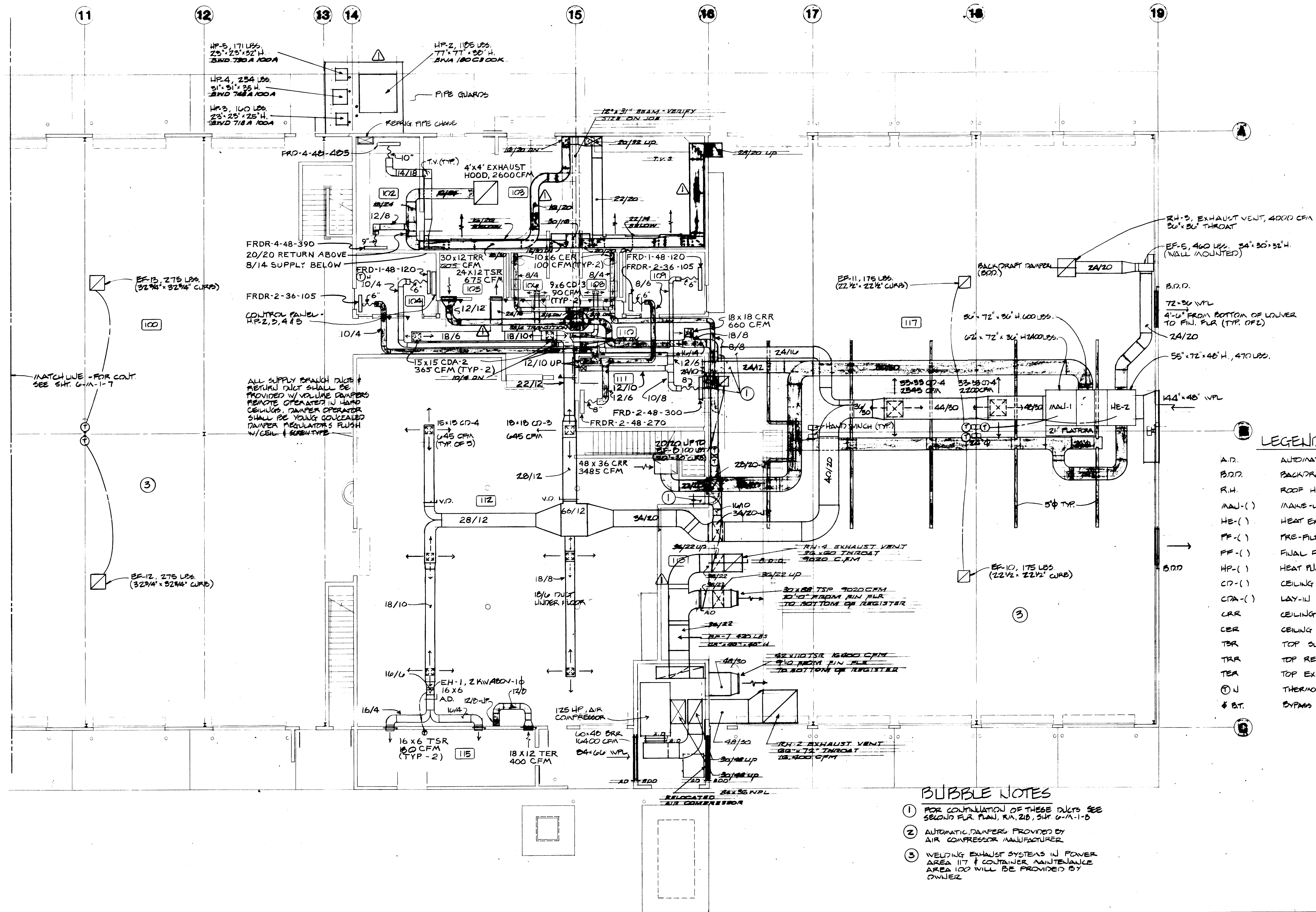
HOT WATER TANK DETAIL

NO SCALE



DRAWN G.C.B.B.		DATE 4-24-04		PORT OF TACOMA	
CHECKED		DATE		TACOMA TERMINALS, INC.	
CHECKED		DATE		MAINTENANCE GARAGE	
CHECKED		DATE		SECOND FLOOR PLAN	
CONT. NO. 250		FIELD BOOK (S)		PLUMBING	
APPROVED		DATE 1/22/04		SCALE 1/8" = 1'-0"	
PROJECT MANAGER		DATE		DRAWING NO. 8-M-1-5	
CHIEF ENGINEER		DATE		SHEET 13-5 OF 9	

REVISION	BY	APP.	DATE
REVISD TO AS BUILT	J.S.I.	RESE	

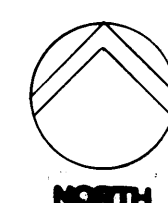


LEGEND

- A.D. AUTOMATIC DAMPER
- B.D.D. BACKDRAFT DAMPER
- R.H. ROOF HOOD
- MAU-1 MAKE-UP AIR UNIT
- HE-1 HEAT EXCHANGER
- PF-1 PRE-FILTER
- FF-1 FINAL FILTER
- HP-1 HEAT PUMP
- CD-1 CEILING DIFFUSER
- CDA-1 LAY-IN CEILING DIFFUSER
- CRR CEILING RETURN REGISTER
- CER CEILING EXHAUST REGISTER
- TBR TOP SUPPLY REGISTER
- TRR TOP RETURN REGISTER
- TER TOP EXHAUST REGISTER
- Ⓝ THERMOSTAT NIGHT SETBACK
- Ⓟ BT. BYPASS TIMER

BUBBLE NOTES

- ① FOR CONTINUATION OF THESE DUCTS SEE SECOND FLOOR PLAN, RA-210, SHEET G-M-1-8
- ② AUTOMATIC DAMPERS PROVIDED BY AIR COMPRESSOR MANUFACTURER
- ③ WELDING EXHAUST SYSTEMS IN POWER AREA 117 & CONTAINER MAINTENANCE AREA 100 WILL BE PROVIDED BY OWNER



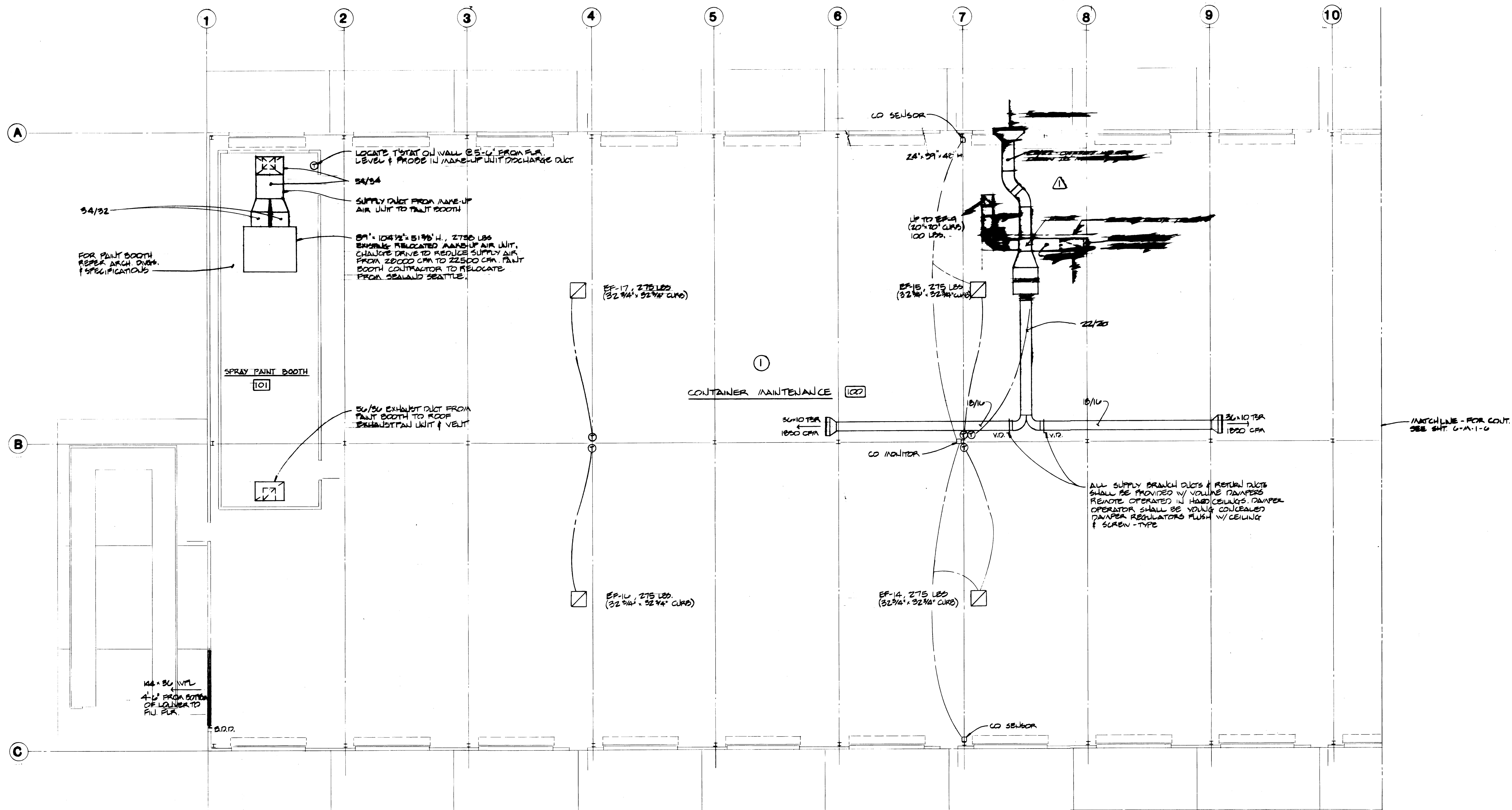
1ST FLOOR HVAC PLAN-EAST SECTION

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



DRAWN: B.P.		DATE: 4-24-84		PORT OF TACOMA	
CHECKED: _____		DATE: _____		TACOMA TERMINALS, INC.	
CHECKED: _____		DATE: _____		HARBOR BUILDING	
CHECKED: _____		DATE: _____		EAST SECTION	
CHECKED: _____		DATE: _____		HVAC	
CONT. NO. 538		FIELD BOOK (S)		SCALE: 1/8" = 1'-0"	
APPROVED: <i>John J. [Signature]</i>		DATE: 4/26/84		DRAWING NO. EP-3370-23	
PROJECT MANAGER		DATE		G-M-1-8	
CHIEF ENGINEER		DATE		SHEET 11-8 OF 8	

MARK	REVISION	BY	APP.	DATE
1	REVISED TO AS BUILT	R.J.S.		0-2-85



BUBBLE NOTES

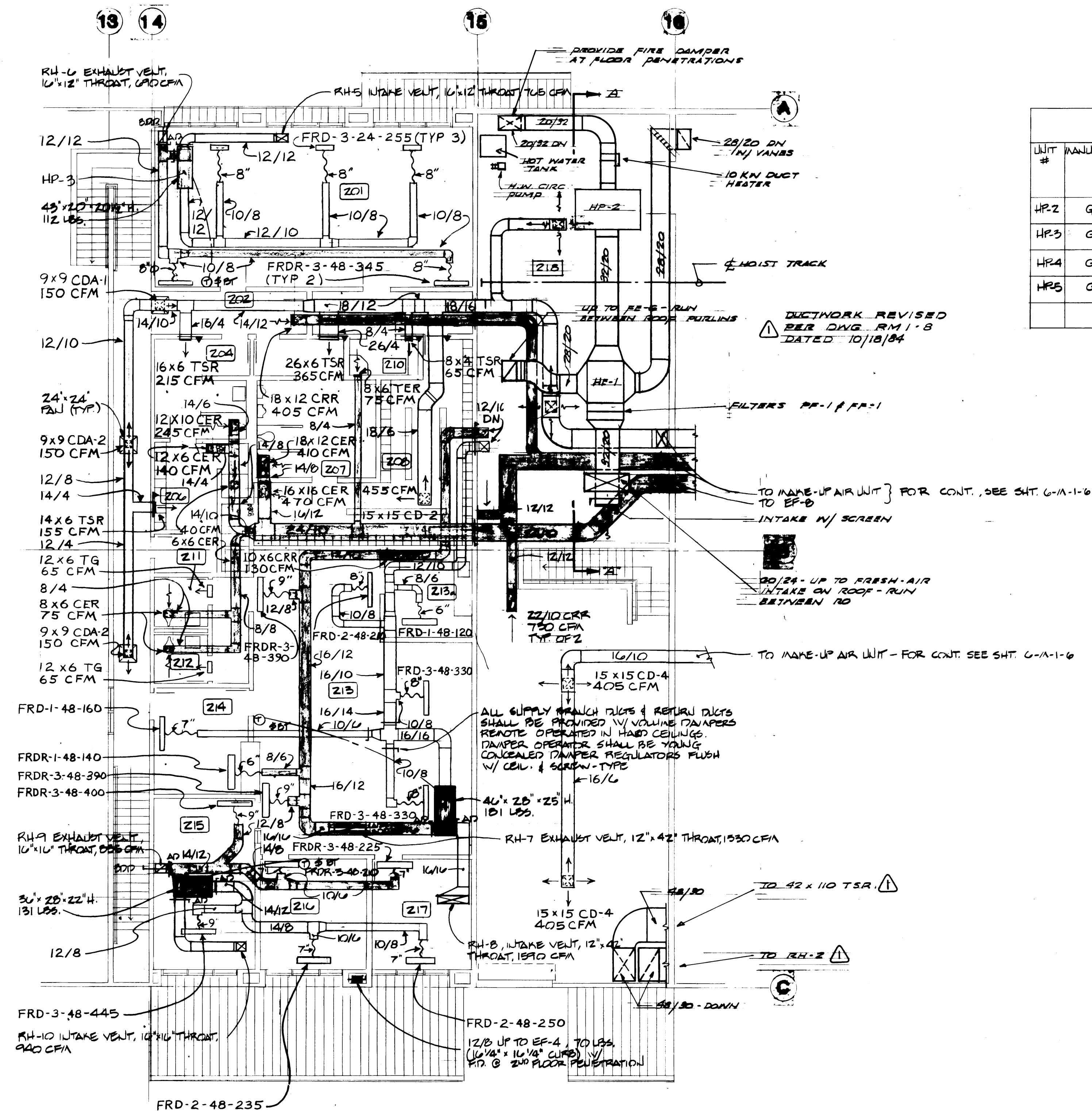
- ① WELDING EXHAUST SYSTEM IN CONTAINER MAINTENANCE AREA 100 WILL BE PROVIDED BY OWNER



FIRST FLOOR HVAC PLAN - WEST SECTION

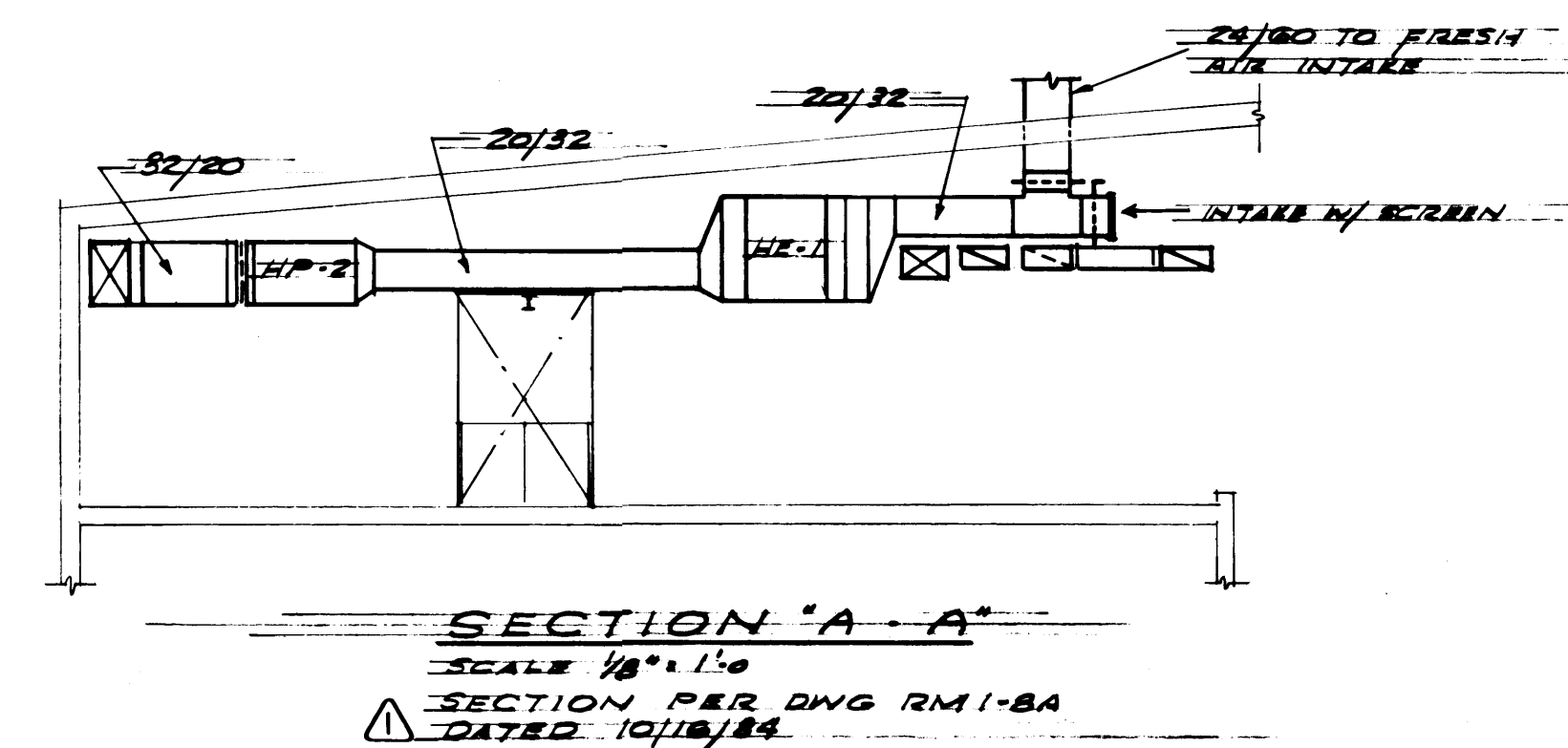


DRAWN: B.B.		DATE: 4-24-04		PORT OF TACOMA	
CHECKED:	DATE:	TACOMA TERMINALS, INC.			
CHECKED:	DATE:	MAINTENANCE GARAGE			
CHECKED:	DATE:	WEST SECTION			
CHECKED:	DATE:	HVAC			
CONT. NO. 000		SCALE: 1/8" = 1'-0"			
FIELD BOOK (S)		APPROVED: [Signature]		DRAWING NO. EP-3878-23	
CHECKED: [Signature]		DATE: 7/2/04		6-M-1-7	
CHIEF ENGINEER		DATE		SHEET 1 OF 1	



HEAT PUMP SCHEDULE

UNIT #	MANUFACTURER	MODEL #	COOLING CAPACITY				TOTAL COOLING BTUH	SEASONAL COOLING BTUH	INTERGRATED HEATING CAPACITY				AUX. ELECT. HEATER	INDOOR BLOWER			FILTERS # & AREA (SQ. FT.)	REMARKS
			INDOOR COIL	OUTDOOR COIL	COND. CAP.	OUTDOOR DB			OUTDOOR DB	INDOOR DB	TOTAL HEATING CAPACITY BTUH	TOTAL POWER KW		EXT. S.P. IN.	MOTOR HP	ELECT. V/φ		
HP-2	G.E.	BND 800 BND 800	5360	80	64	10.1	95	103400	134700	19	70	177100	16.08	-	2.75	3	239/3	AIR TEMP. NONE TO COIL 40°F
HP-3	G.E.	BND 710A BND 720A	765	70	63	1.7	95	17100	15700	19	70	10700	1.72	4.8 KW 240-1φ	0.55	1/4	239/1	- 360
HP-4	G.E.	BND 740A BND 740A	1690	70	63	5.03	95	44800	35500	19	70	22900	4.07	8.4A 240-1φ	0.44	1/2	239/1	720
HP-5	G.E.	BND 730A BND 730A	930	70	63	3.35	95	27400	21500	19	70	17350	2.06	4.8A 240-1φ	0.36	1/3	239/1	450

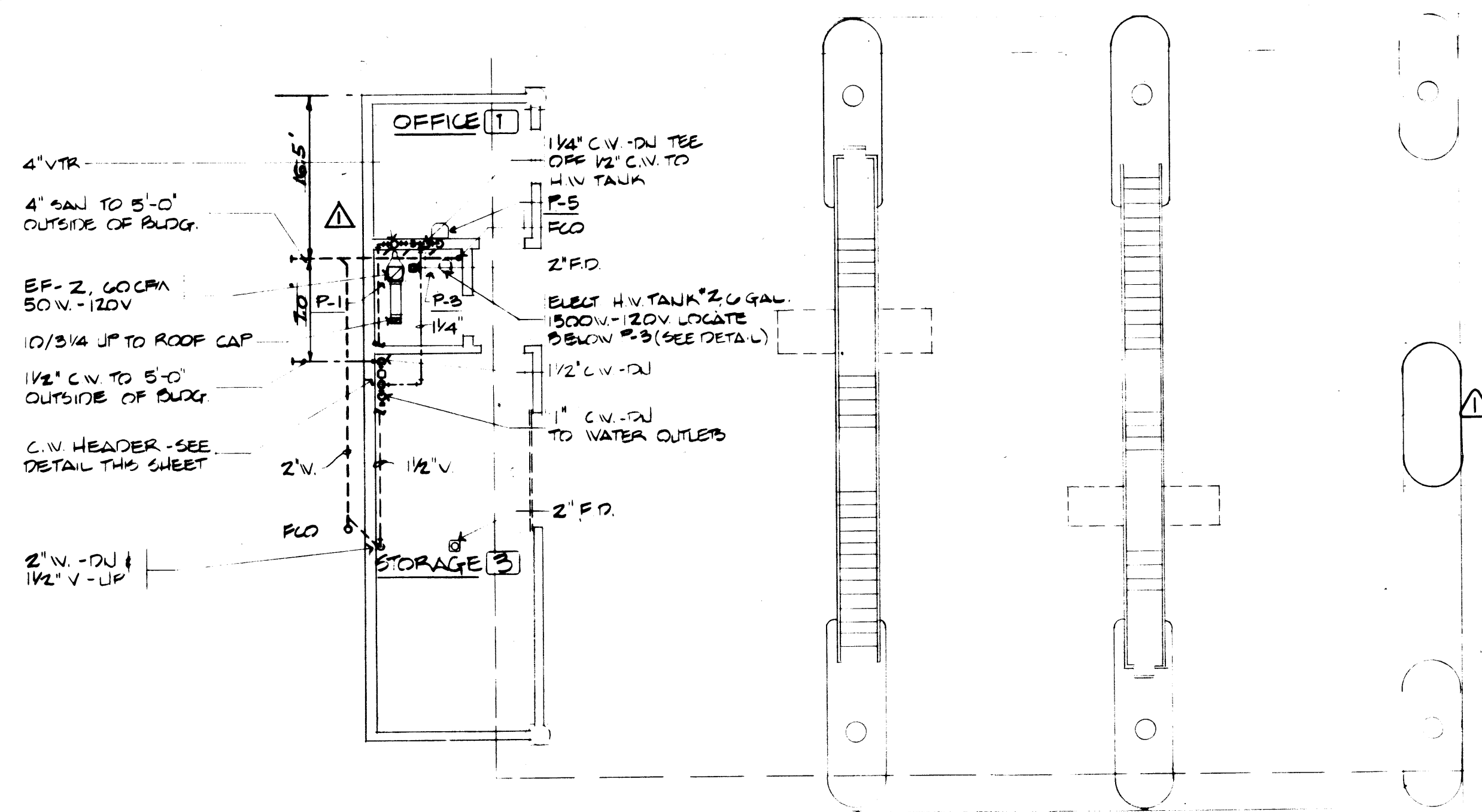


SECOND FLOOR HVAC PLAN

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

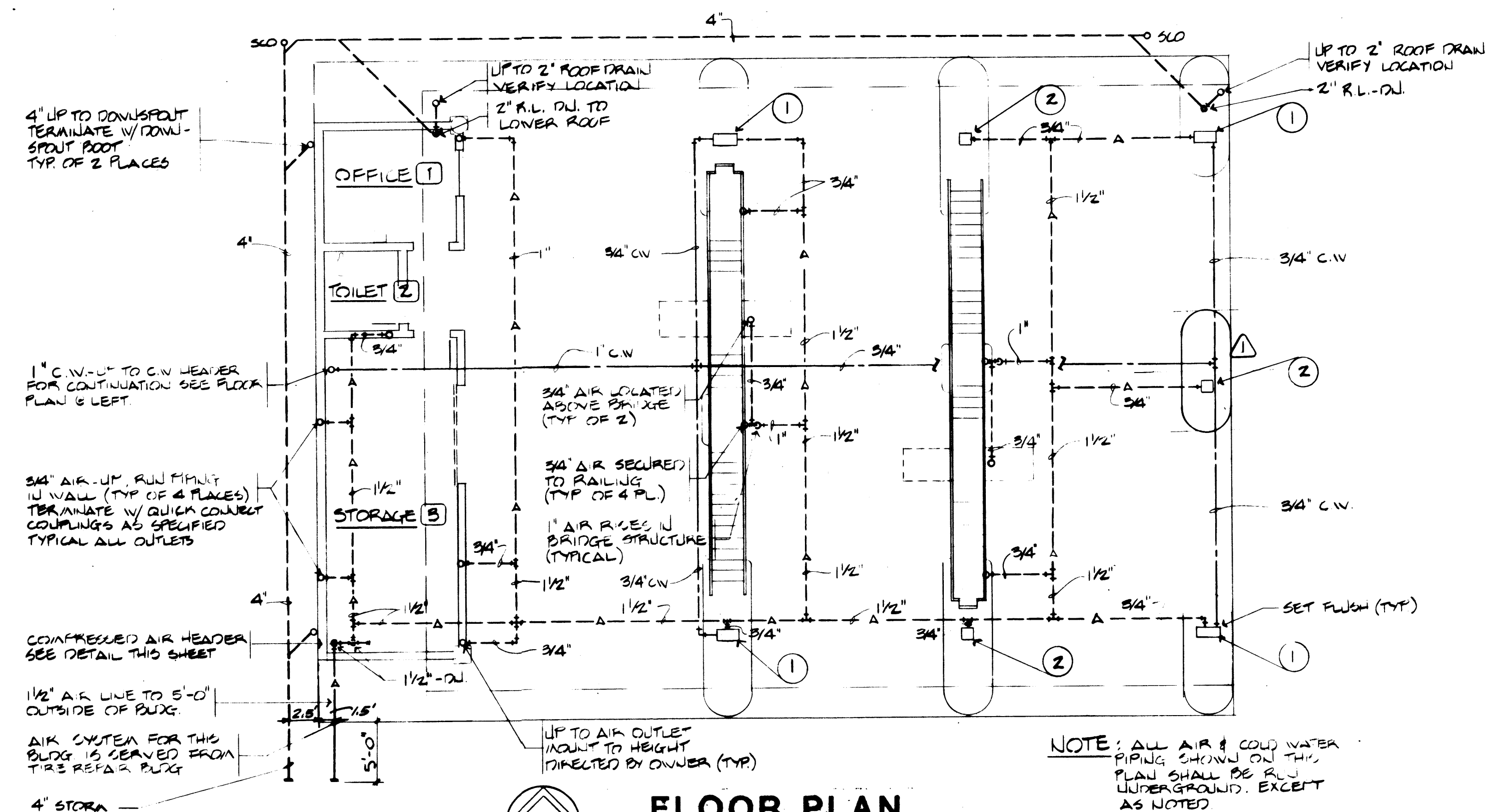
DRAWN <u>BB</u>		DATE <u>4-24-84</u>	
CHECKED		CHECKED	
CHECKED		CHECKED	
CHECKED		CHECKED	
CONT. NO. <u>555</u>		SCALE <u>1/8" = 1'-0"</u>	
FIELD BOOK (S)		APPROVED <u>[Signature]</u> <u>1/26/84</u>	
PROJECT MANAGER		DATE	
CHIEF ENGINEER		DATE	

PORT OF TACOMA	
TACOMA TERMINALS, INC.	
GARAGE	
SECOND FLOOR PLAN	
HVAC	
DRAWING NO. <u>EP-387B-23</u>	
6-M-1-8	
SHEET <u>11-8</u> OF <u>8</u>	



FLOOR PLAN

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



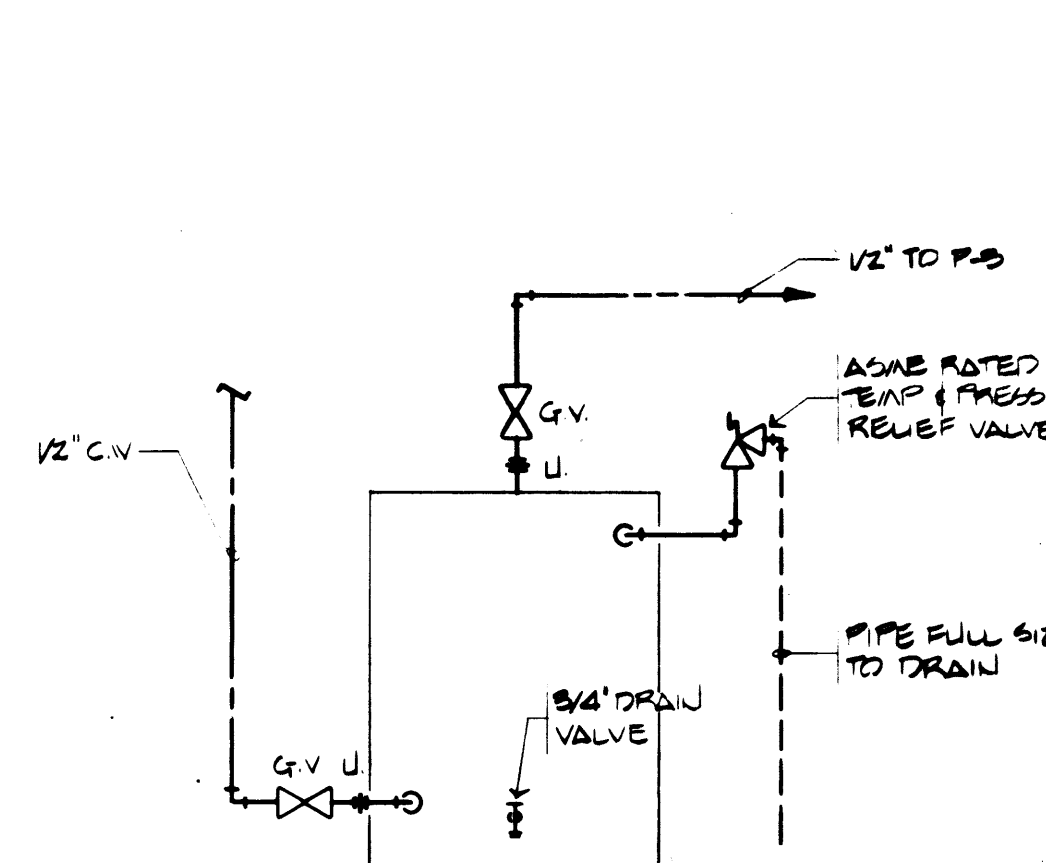
FLOOR PLAN

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

NOTE: ALL AIR & COLD WATER PIPING SHOWN ON THIS PLAN SHALL BE RUN UNDERGROUND, EXCEPT AS NOTED

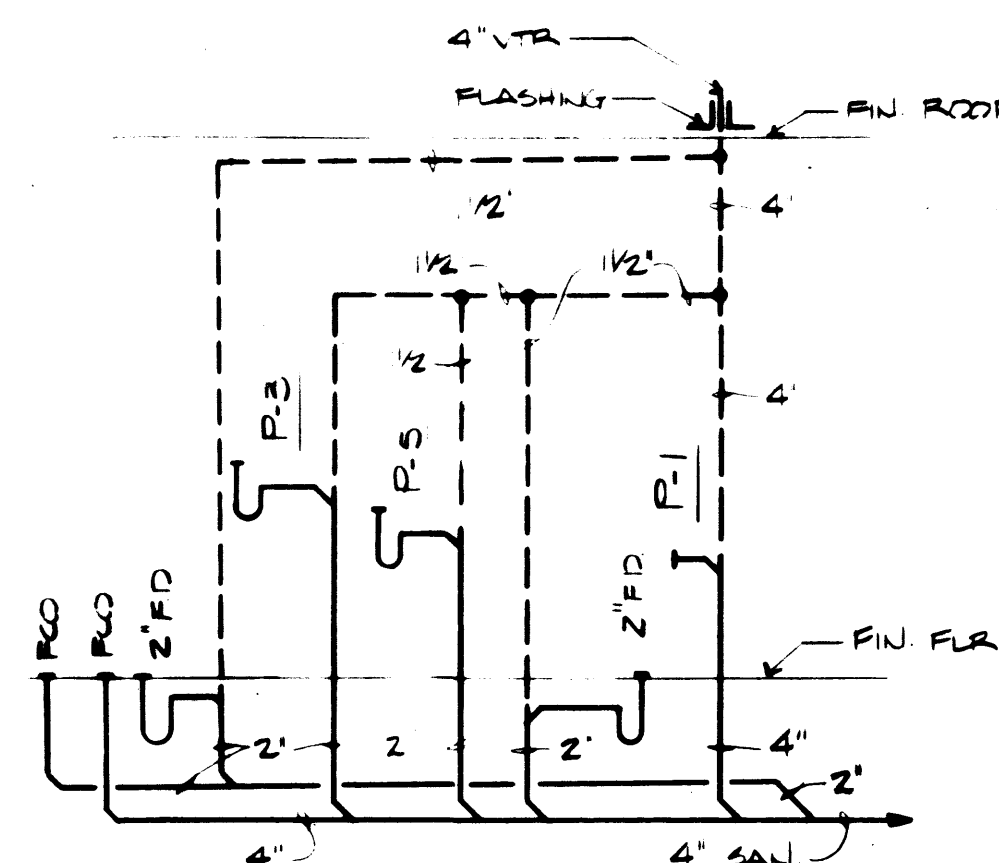
BUBBLE NOTES

- ① COMBINATION AIR & WATER REELS & BOX
- ② AIR REEL & BOX



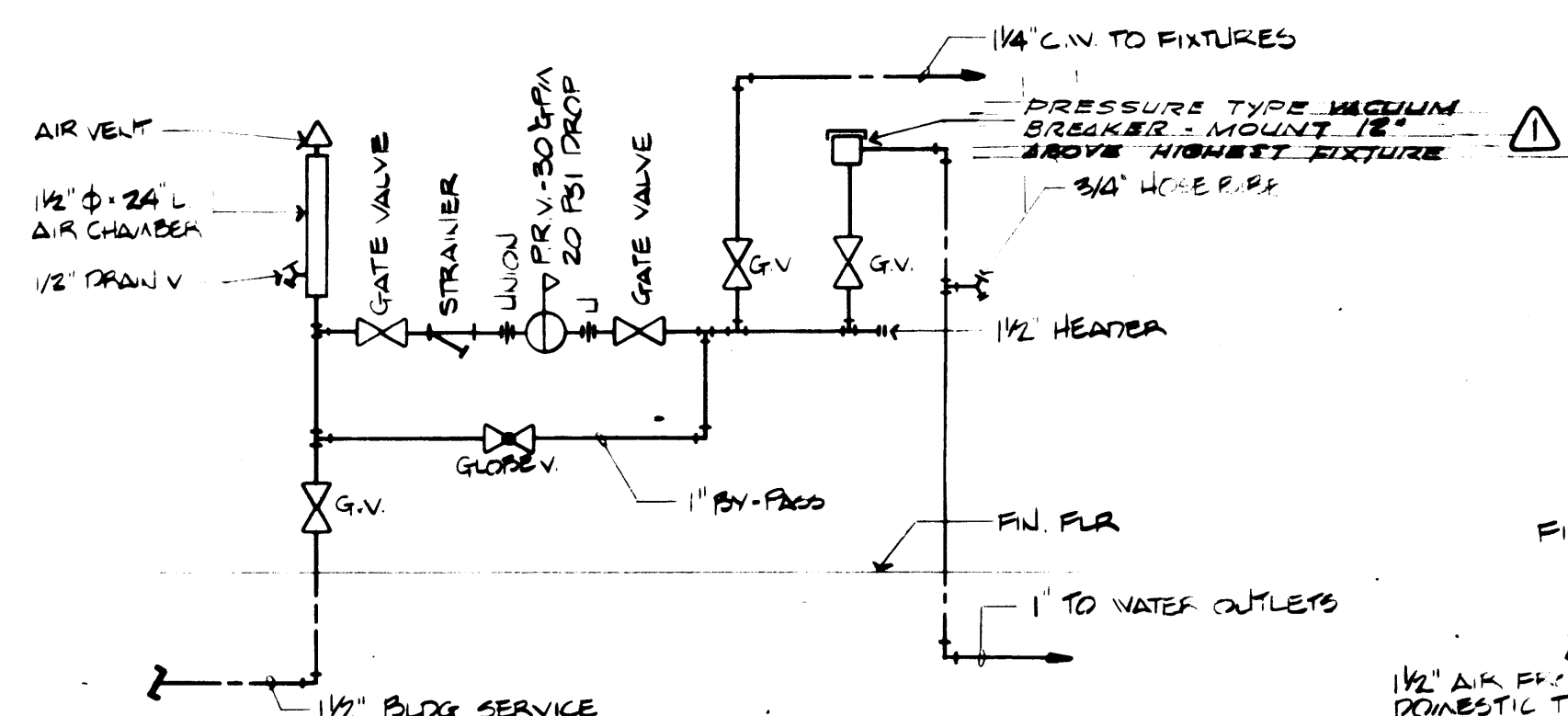
HOT WATER TANK DETAIL

NO SCALE



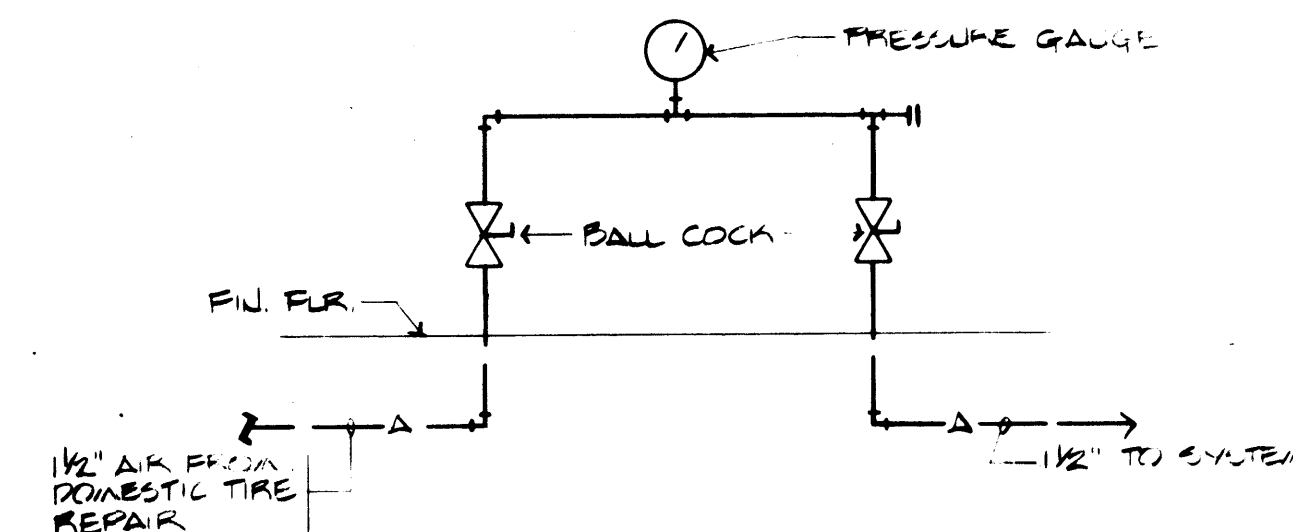
PLUMBING RISER DIAGRAM

NO SCALE



COLD WATER HEADER DETAIL

NO SCALE



AIR HEADER DETAIL

UTS

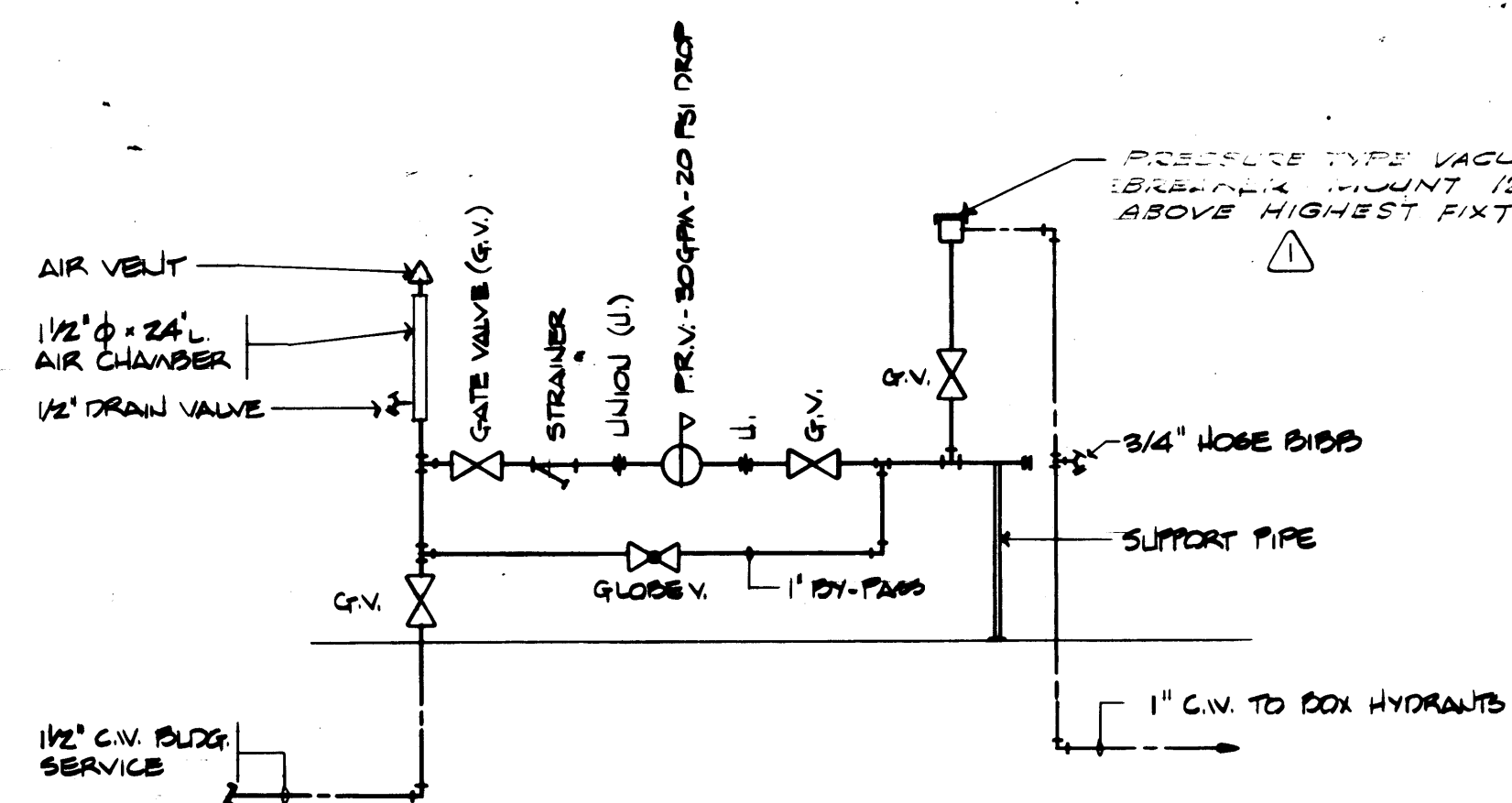


DRAWN <u>B.B.</u>		DATE <u>4-24-84</u>	
CHECKED	DATE	CHECKED	DATE
CHECKED	DATE	CHECKED	DATE
CONT. NO. <u>55B</u>		SCALE: 1/8" = 1'-0"	
FIELD BOOK (S)		APPROVED <u>[Signature]</u> <u>1/24/84</u>	
PROJECT MANAGER		DATE	
CHIEF ENGINEER		DATE	
SHEET		OF	

MARK	REVISION	BY	APP.	DATE
1	REVISED TO AS-BUILT	R.J.S.		10/1/88

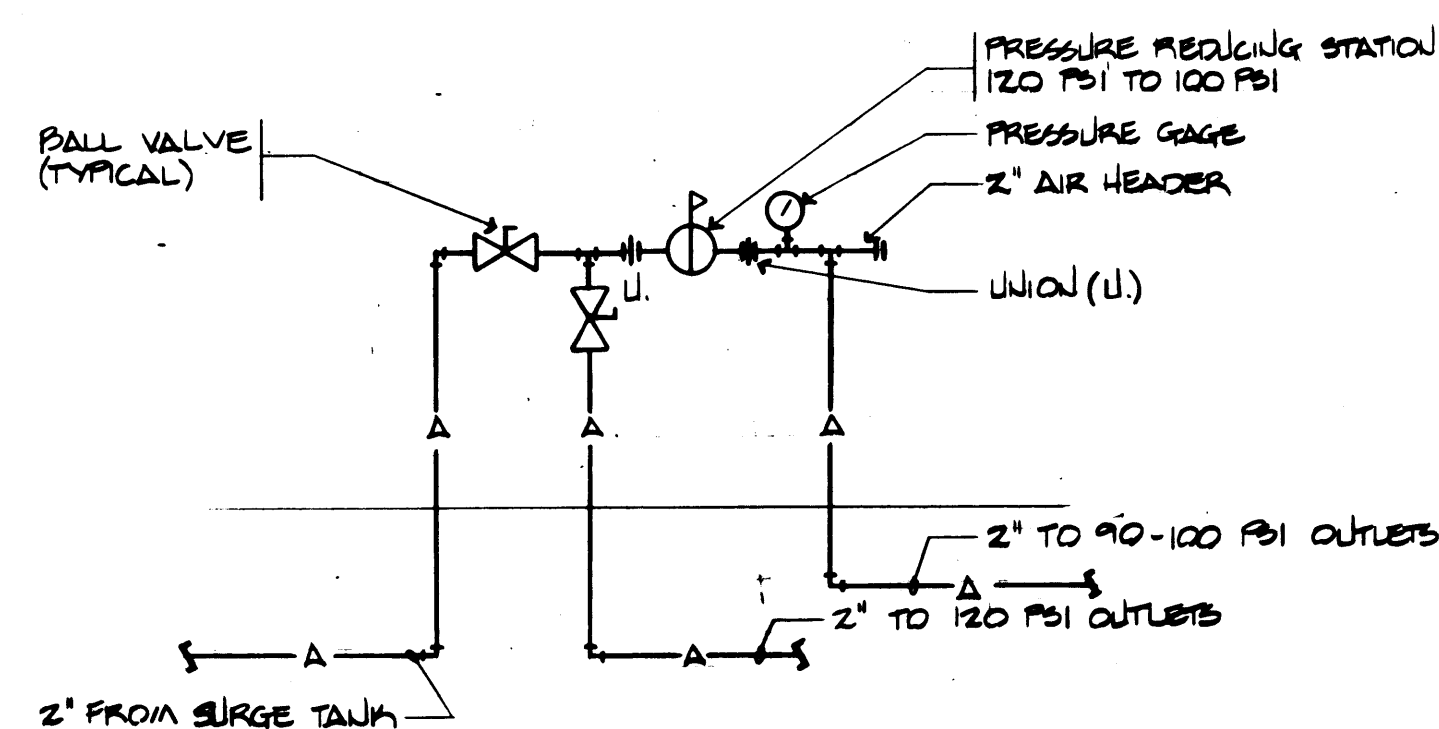
PORT OF TACOMA
TACOMA TERMINALS, INC.
DOMESTIC
INSPECTION BUILDING
PLUMBING & HVAC

DRAWING NO.
EP-3878-23
6-M-3-1



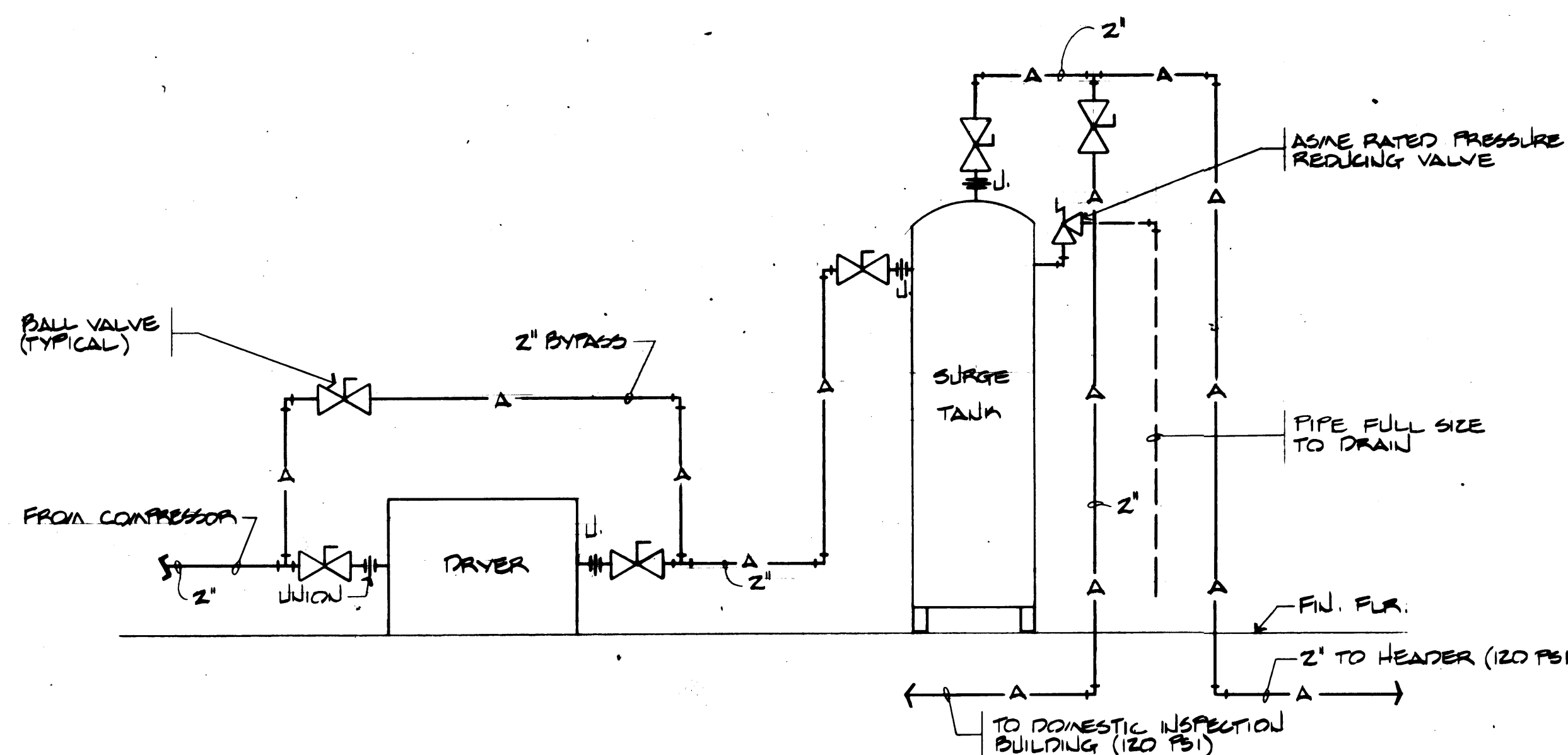
COLD WATER HEADER DETAIL

NO SCALE



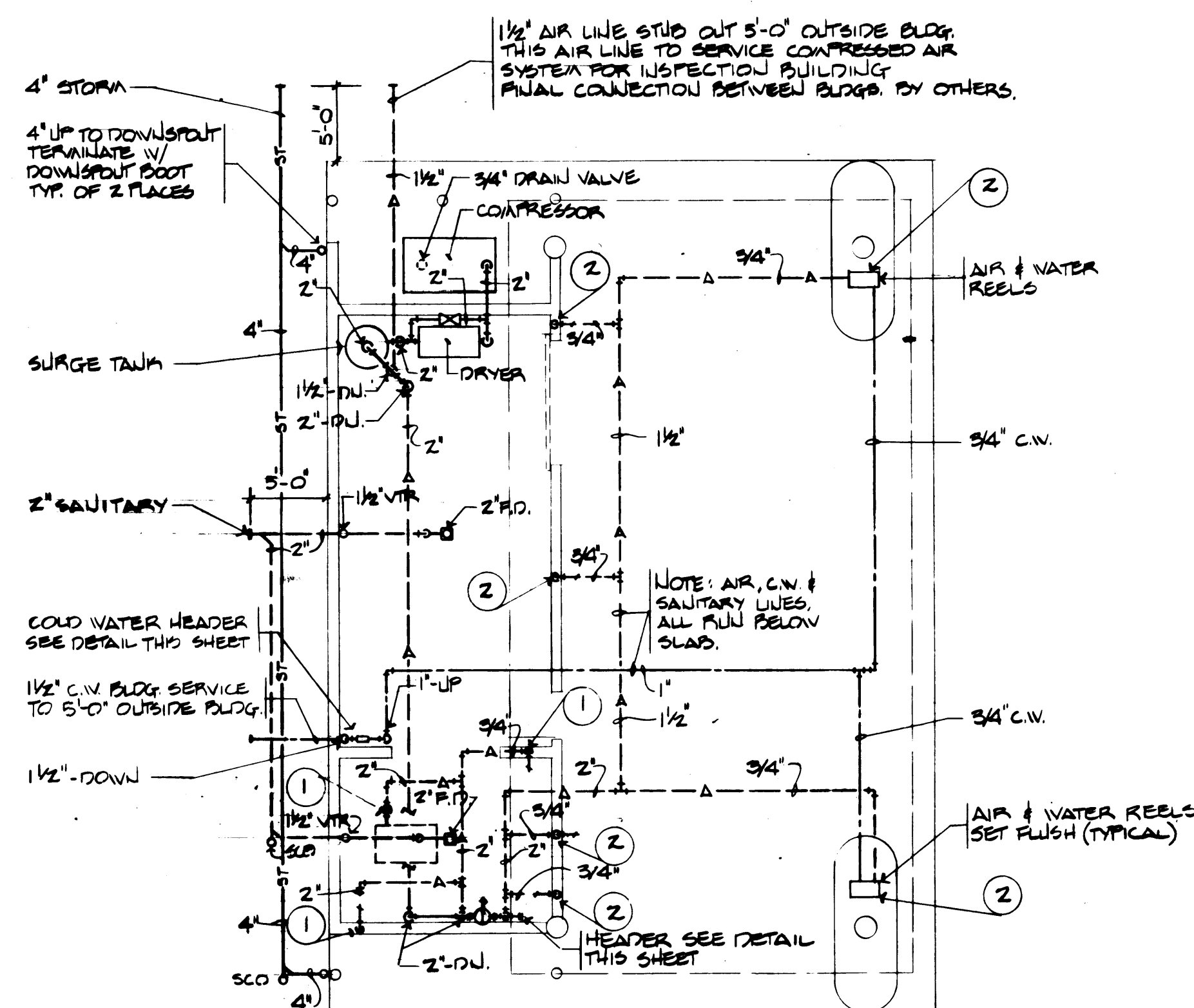
AIR PIPING HEADER

NO SCALE



AIR PIPING DETAIL

NO SCALE



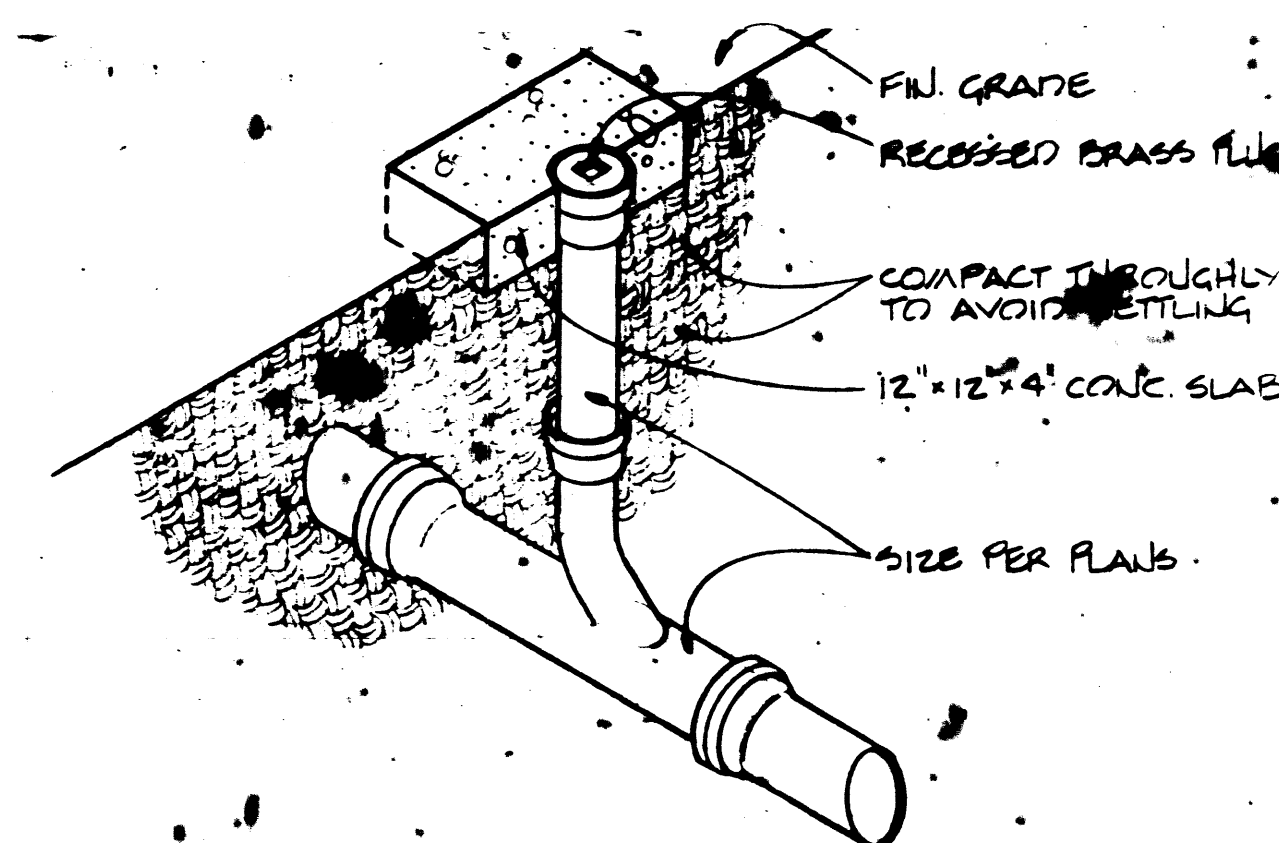
FLOOR PLAN

SCALE: 1/8\"/>



BUBBLE NOTES

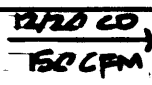
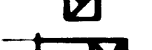
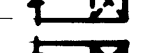
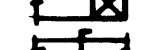
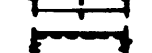
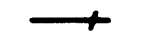
- ① COMPRESSED AIR OUTLET 120 PSI
- ② COMPRESSED AIR OUTLET 90-100 PSI

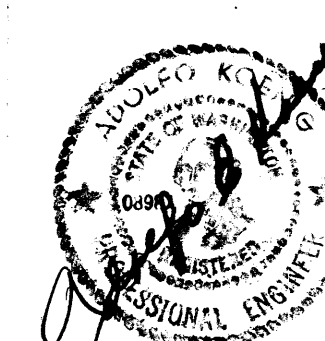


SURFACE CLEANOUT DETAIL

NO SCALE

LEGEND

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
----	COLD WATER (CW)		TOP-SIZE, TYPE ; BOTTOM-CFM
----	HOT WATER (HW)		CEILING DIFFUSER (C.D.)
----	HOT WATER CIRCULATING (HWC)		SUPPLY
----	WASTE OR SANITARY SEWER (W or S)		RETURN
----	VENT (V)		EXHAUST
ST	STORM (ST)		ELBOW - DOWN
A	COMPRESSED AIR		ELBOW - UP
	GATE VALVE (G.V.)		VOLUME DAMPER (V.D.)
	GLOBE VALVE (GL.V.)		SOUND LINING
	BALL VALVE		FLEXIBLE DUCT
	CHECK VALVE (C.V.)		THERMOSTAT
	TEMPERATURE & PRESSURE RELIEF VALVE (TPRV)		THERMOSTAT W/ GUARD
	BALANCING COCK (B.C.)		
	PRESSURE RELIEF VALVE (PRV)		
	REDUCER		
	STRAINER		HOSE BIBBS (H.B.) OR HOSE VALVE (H.V.)
	UNION		BOX HYDRANT (B.H.)
	VACUUM BREAKER		DRAIN (AS SPECIFIED)
	AUTOMATIC AIR VENT (A.A.V.)		CLEANOUT (AS SPECIFIED)
	DRAIN VALVE		VENT THRU ROOF (VTR)
	PRESSURE GAUGE		CAP ON END OF PIPE
	THERMOMETER		
	RISER - DOWN		
	RISER - UP		
	RISE OR DROP		
	BRANCH - TOP CONNECTION		
	BRANCH - BOTTOM CONNECTION		
	BRANCH - SIDE CONNECTION		



DRAWN B.B.
DATE 4-24-84
CHECKED
DATE
CHECKED
DATE
CONT. NO. 5538

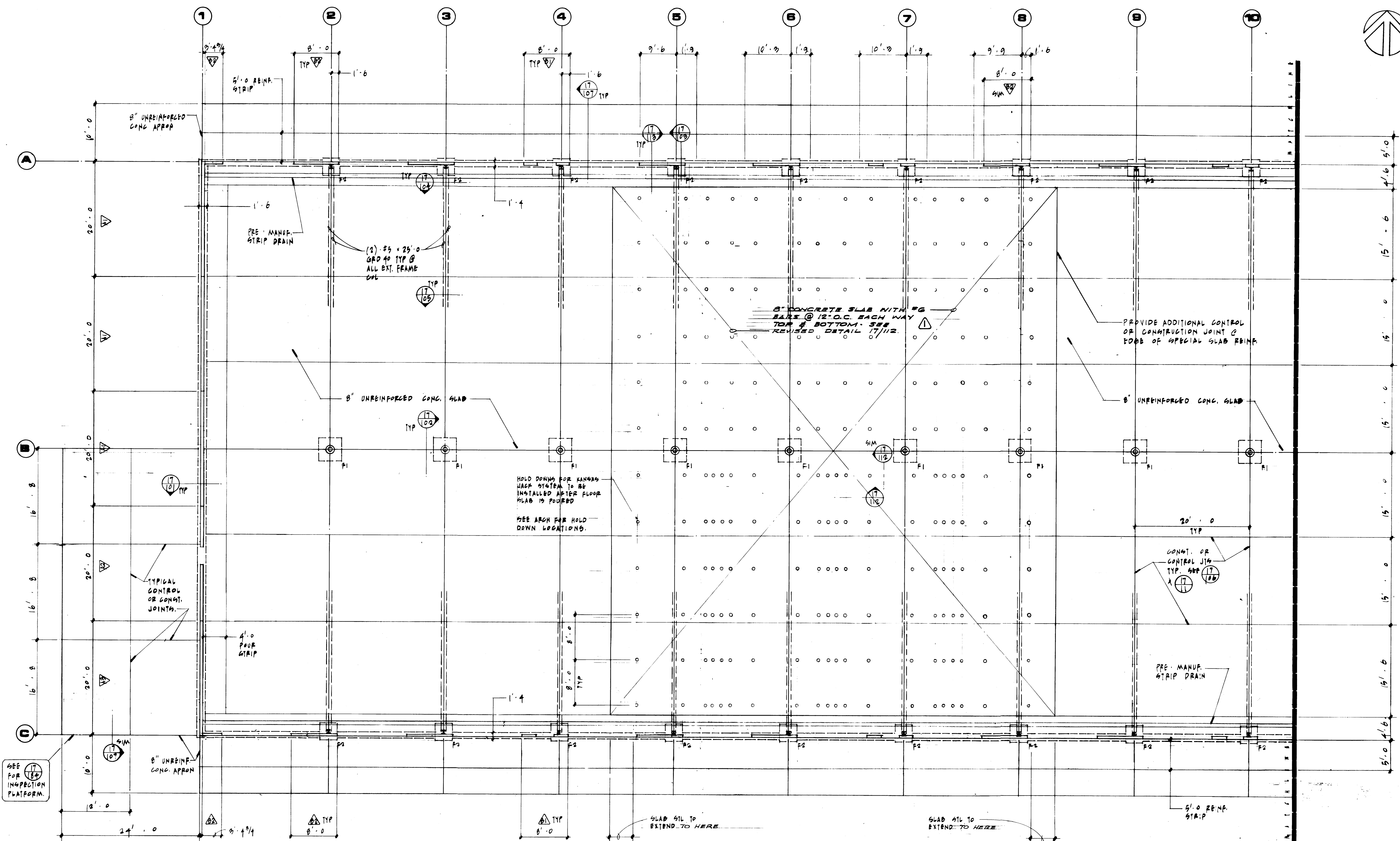
PORT OF TACOMA
TACOMA TERMINALS, INC.
DOMESTIC TIRE REPAIR
BUILDING
PLUMBING & HVAC

APPROVED [Signature] 4/26/84
PROJECT MANAGER
DATE
CHIEF ENGINEER
DATE

FIELD BOOK (S)
SCALE 1/8\"/>

REVISOR TO AS BUILT
MARK
REVISION
BY
APP.
DATE

DRAWING NO.
EP-3878-23
6-M-4-1
SHEET OF



F O U N D A T I O N P L A N

1/8" = 1'-0"

1

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 (206) 922-1600, Seattle (206) 624-4138

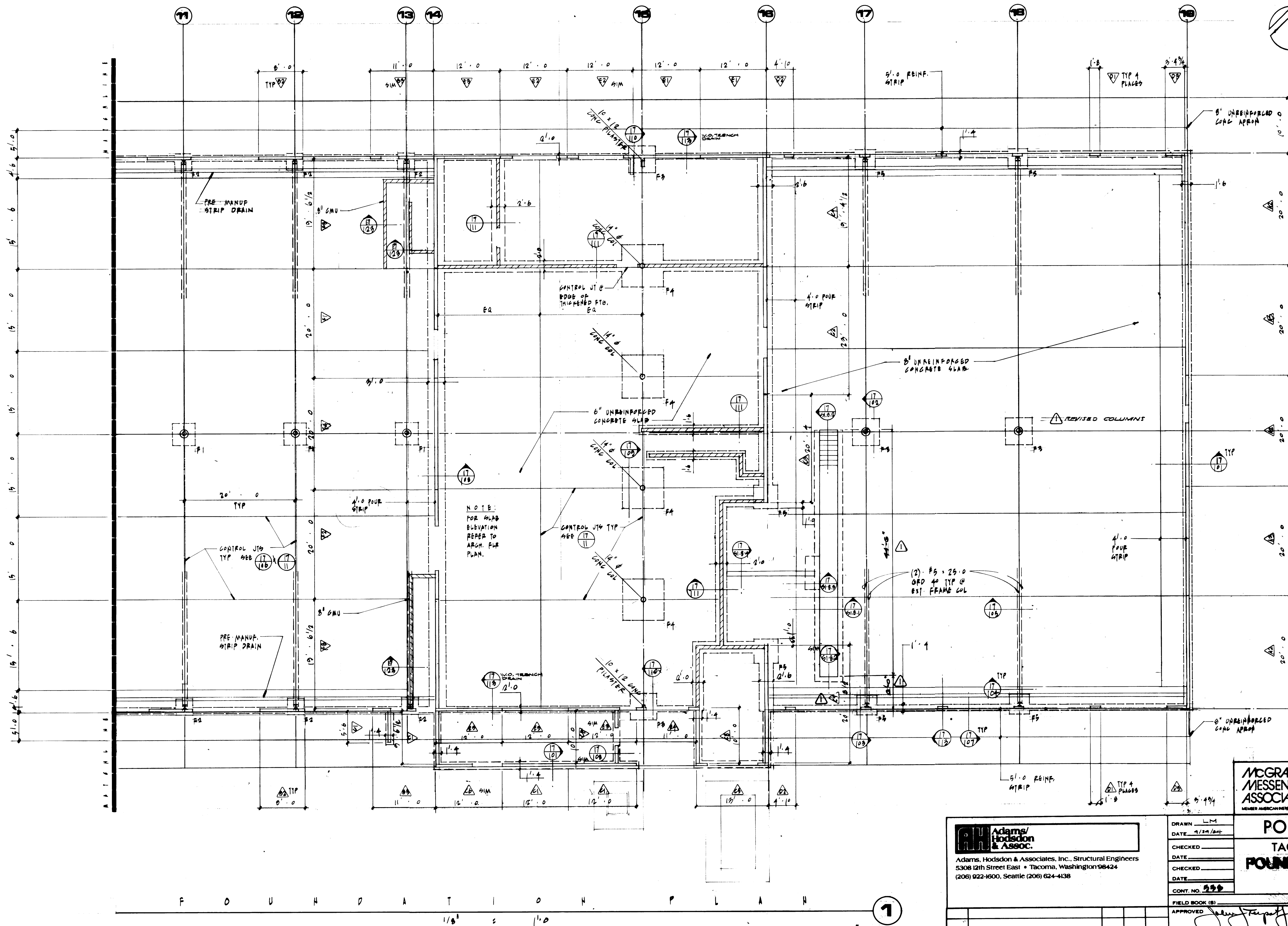
MCGRANAHAN, MESSENGER ASSOCIATES
 MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 1600 PACIFIC, SUITE 300, TACOMA, WA 98402 • (206) 383-3034

REVISION	BY	APP.	DATE
REVISED TO AS-BUILT	A.J.J.		10/1/88

DRAWN LM
 DATE 1/21/84
 CHECKED
 DATE
 CHECKED
 DATE
 CONT. NO. 333
 FIELD BOOK (S)
 APPROVED *[Signature]* 1/26/84
 PROJECT MANAGER
 CHIEF ENGINEER

PORT OF TACOMA
TACOMA TERMINALS, INC.
FOUNDATION PLAN - WEST
 SCALE: 1/8" = 1'-0"
 DRAWING NO. EP-8878-23
 8-81-1
 SHEET 3 OF 4





NOTE:

1. SUB BASE MATERIAL BELOW 8" FLOOR SLAB TO BE COMPACTED TO 95% DENSITY.
2. ALL CONDUITS (PLUMBING, ELECTRICAL, MECHANICAL, ETC.) SHALL BE BURIED A MIN OF 6" BELOW FLOOR SLAB.
3. SAW CUTS AT CRACK CONTROL JOINTS MUST BE MADE WITHIN 12 HOURS AFTER CONCRETE HARDENS.

NOTE: NON-LOAD BEARING CMU PARTITION WALLS

1. SEE ARCH FOR LOCATION.
2. WALLS SHALL BE 8" CMU SEE (12) FOR REINFORCEMENT.
3. SEE (12) FOR CONN. OF FLOOR TO SUBS X FOR CONN. TO SPANDECK (17) PANELS.



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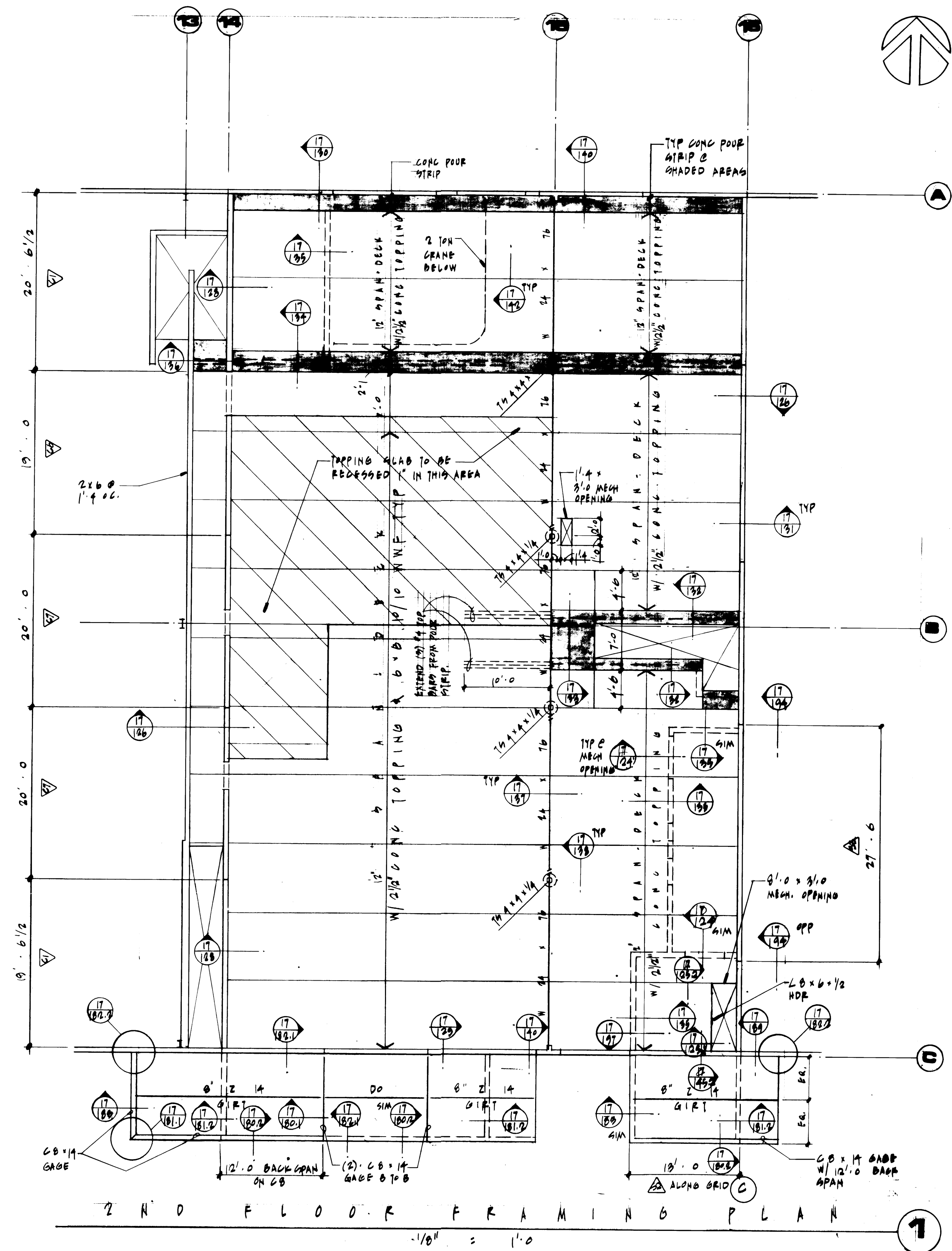
PORT OF TACOMA
TACOMA TERMINALS, INC.
FOUNDATION PLAN - EAST

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DRAWN: LM
 DATE: 4/24/84
 CHECKED:
 DATE:
 CHECKED:
 DATE:
 CONT. NO. 222

FIELD BOOK (S)
 APPROVED: *[Signature]* 4/24/84
 PROJECT MANAGER: *[Signature]* DATE: 4/24/84
 CHIEF ENGINEER: *[Signature]* DATE: 4/24/84
 SCALE: 1/8" = 1'-0"
 DRAWING NO. EP-3878-23
 8-51-2
 SHEET 22 OF 22

MARK	REVISION	BY	APP.	DATE
1	REVISED TO AS BUILT	A.J.S.		10/1/85



2ND FLOOR FRAMING PLAN

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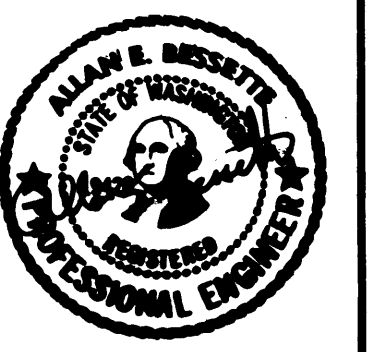
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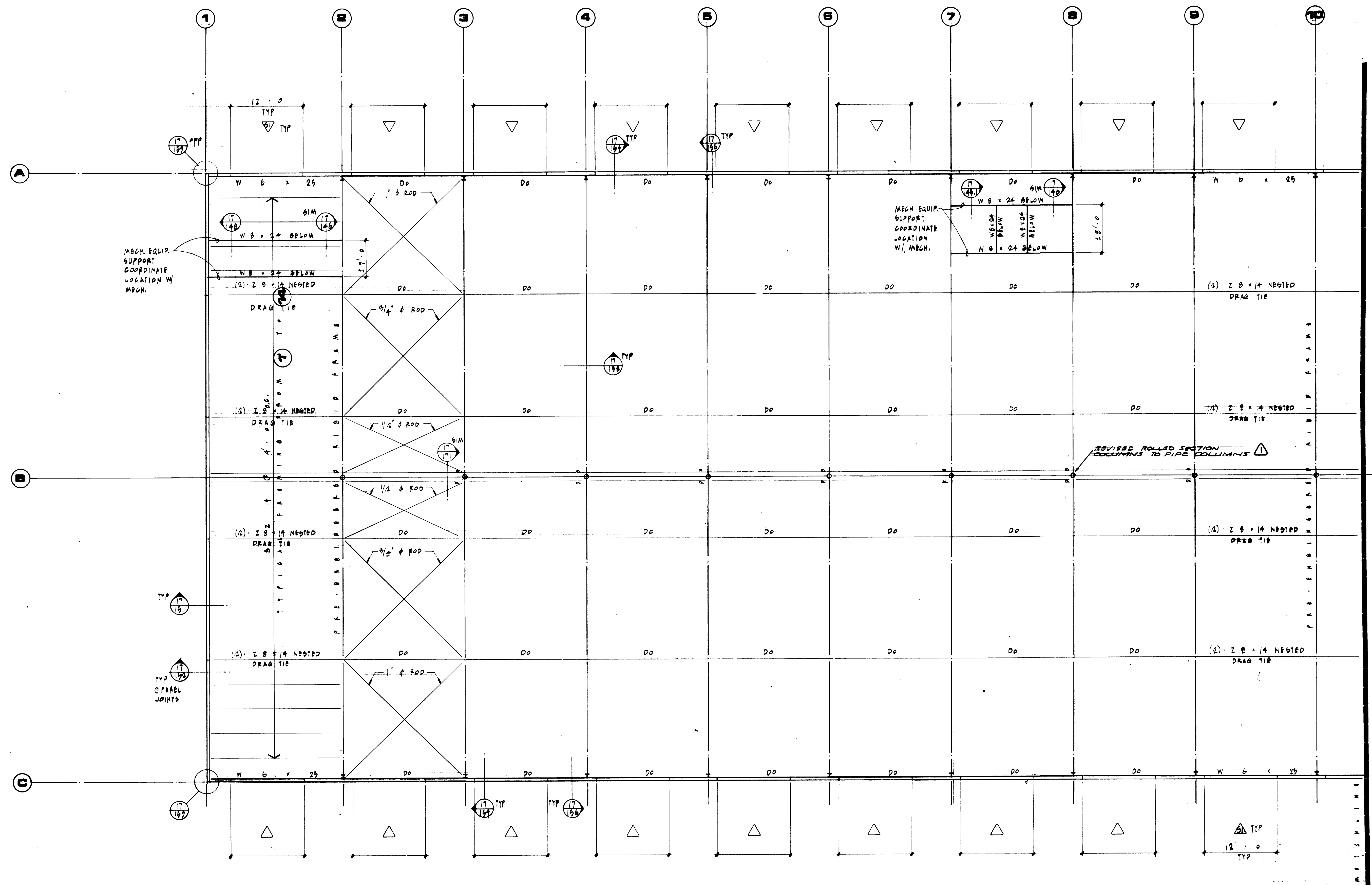
PORT OF TACOMA
SECOND FLOOR
FRAMING PLAN

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NO.	REVISION	BY	APP.	DATE
1	NO AS BUILT CHANGES	A.J.S.		10/1/85

APPROVED: *[Signature]* 1/26/84
 CRISP ENGINEER
 SCALE: 1/4" = 1'-0"
 DRAWING NO. EP-8878-23
 SHEET 31-3 OF 3





1/3	2	1.0
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**McGRANAHAN,
MESSENGER
ASSOCIATES**

ASSOCIATES ARCHITECTURE / PLANNING / INTERIOR

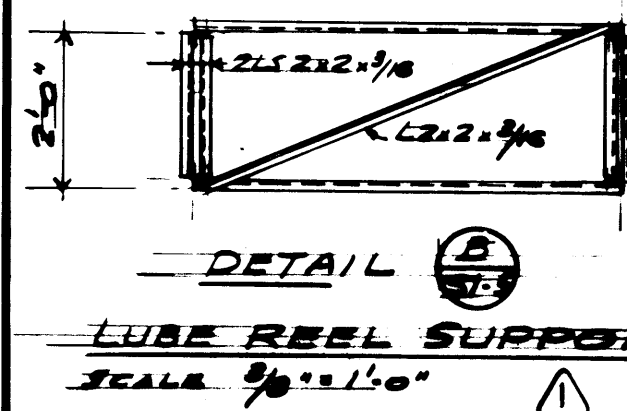
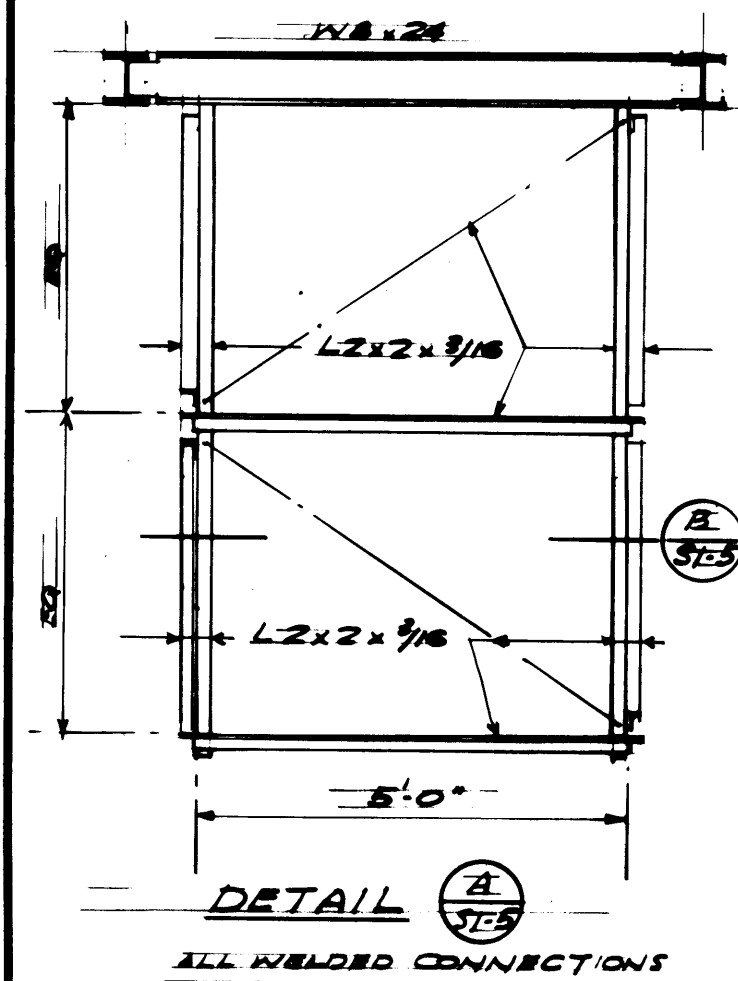
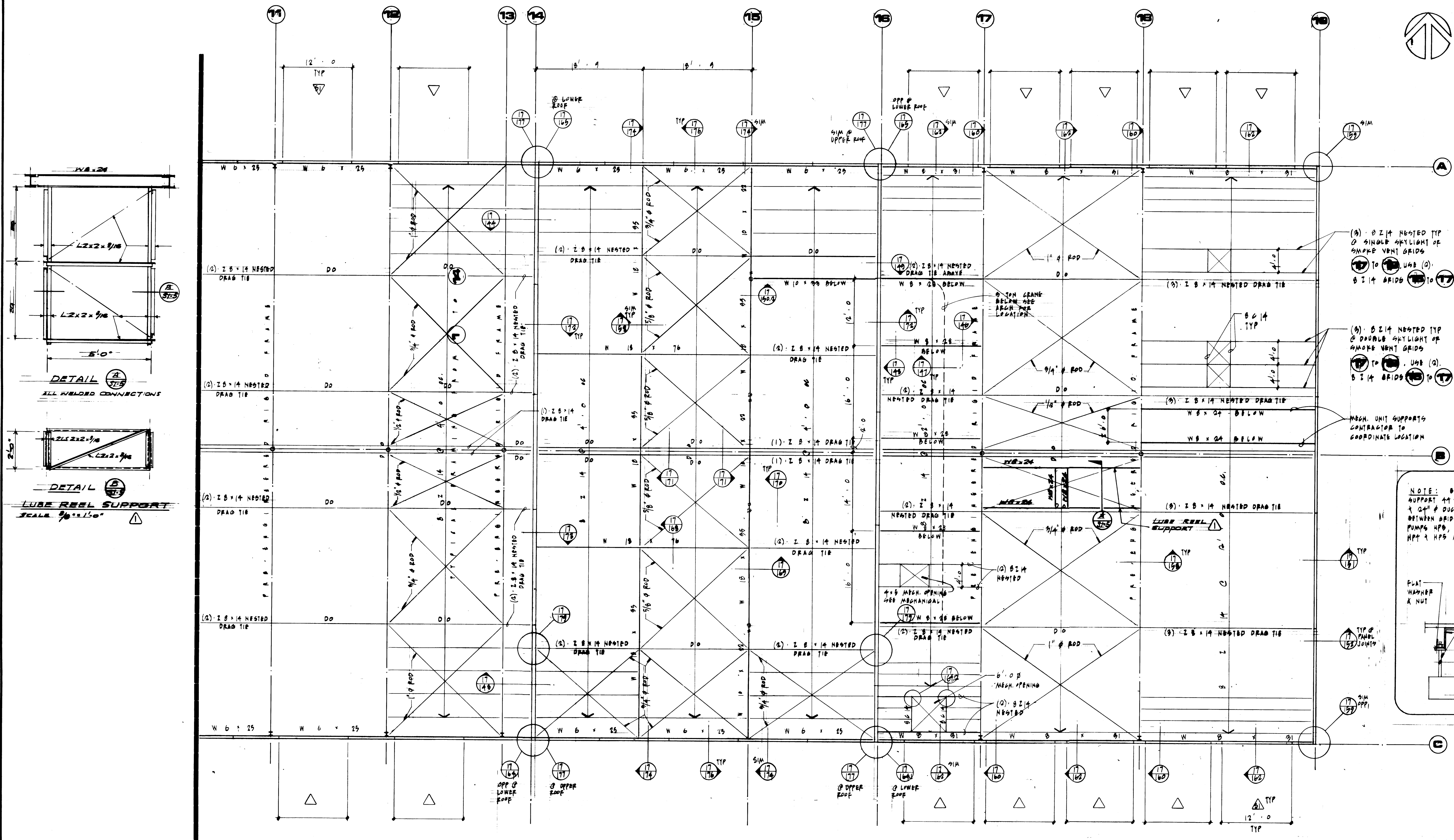
**Adams/
Hodsdon
& Assoc.**

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DATE _____
CHECKED _____
DATE _____
CONT NO 554

PORT OF TACOMA
TACOMA TERMINALS, INC.
DOF TRAINING PLAN - WEST

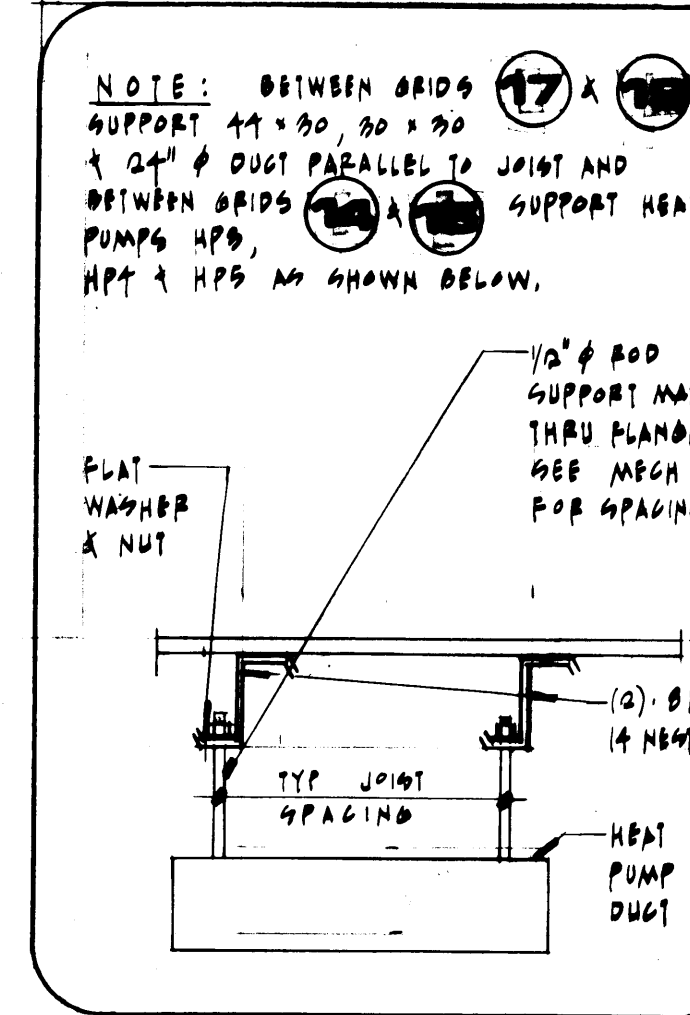
SCALE 1/4" = 1'-0"
DRAWING NO.
EP-3878-23
U-51-4
SHEET **21-4** OF **1**



(9) 8 Z 14 NESTED TYP
0 SINGLE SKYLIGHT OF
SMOKE VENT GRIDS
17 TO 18 UG8 (2)
8 Z 14 BRIDS 17 TO 17

(9) 8 Z 14 NESTED TYP
0 DOUBLE SKYLIGHT OF
SMOKE VENT GRIDS
17 TO 18 UG8 (2)
8 Z 14 BRIDS 17 TO 17

MECH. UNIT SUPPORTS
CONTRACTOR TO
COORDINATE LOCATION



R O O F F R A M I N G P L A N

1/8" = 1'-0"

1

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DATE 4/24/04
CHECKED
DATE
CHECKED
DATE
CONT. NO. 250

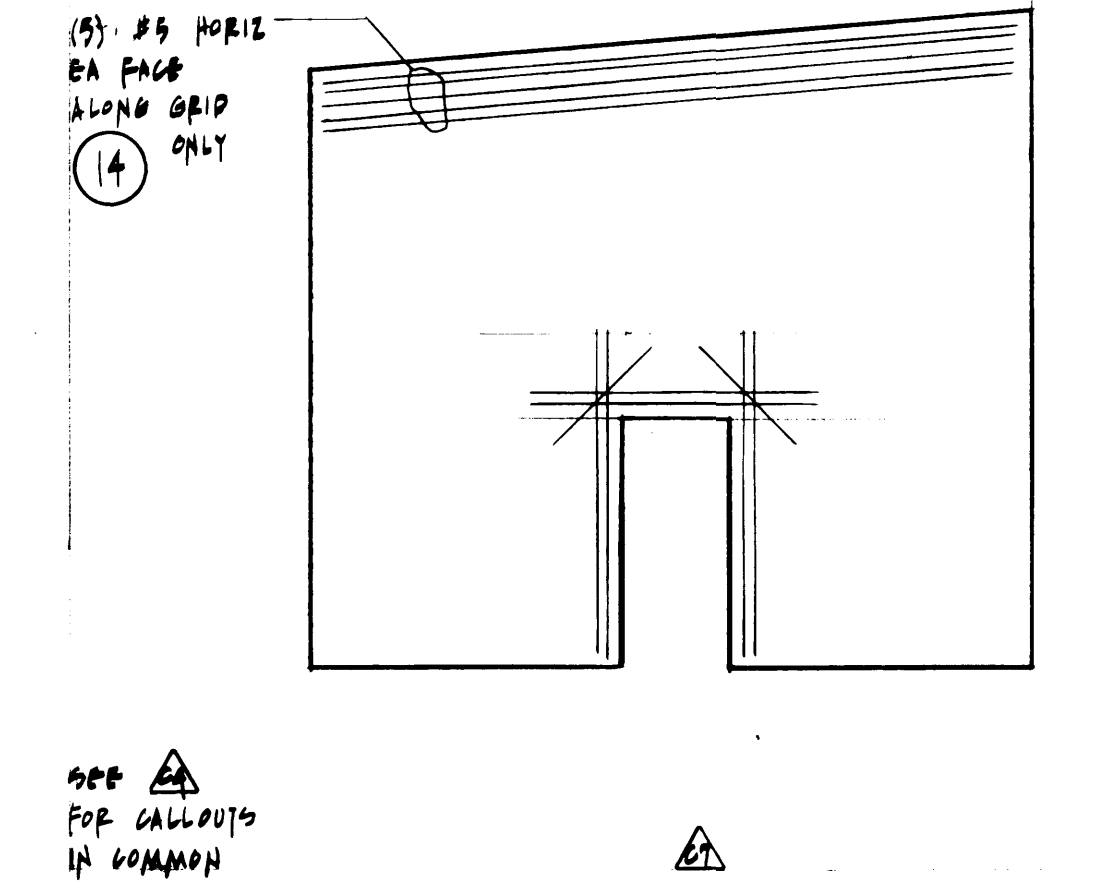
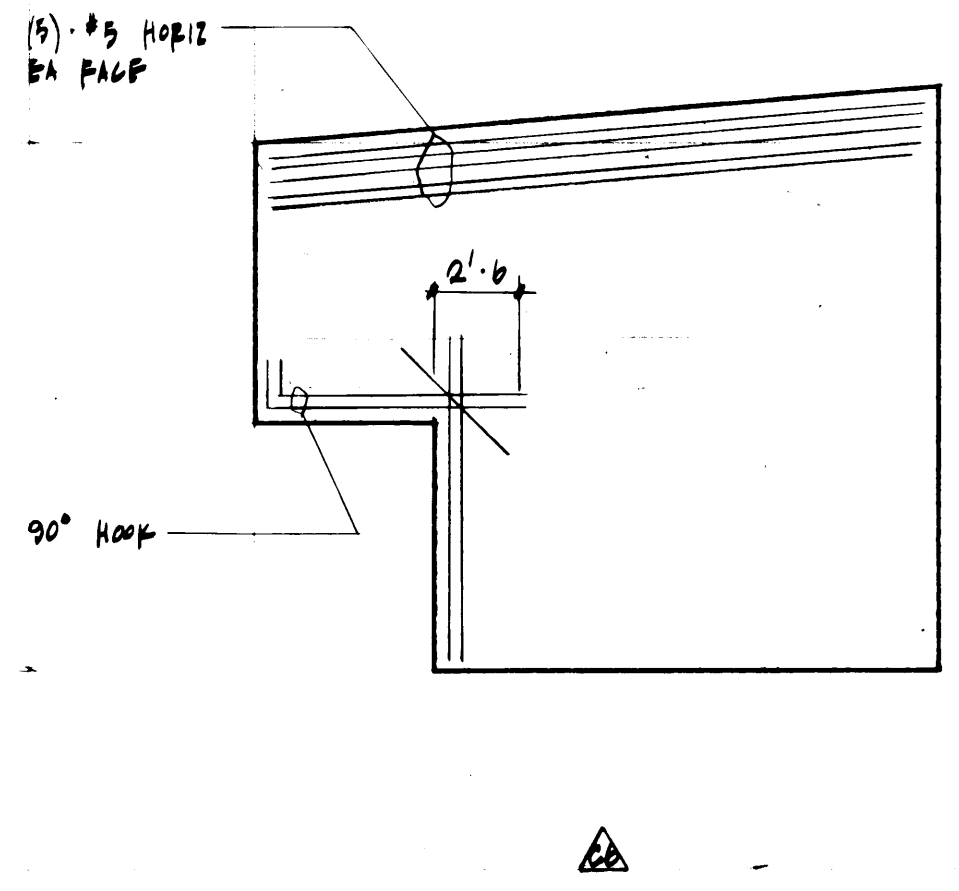
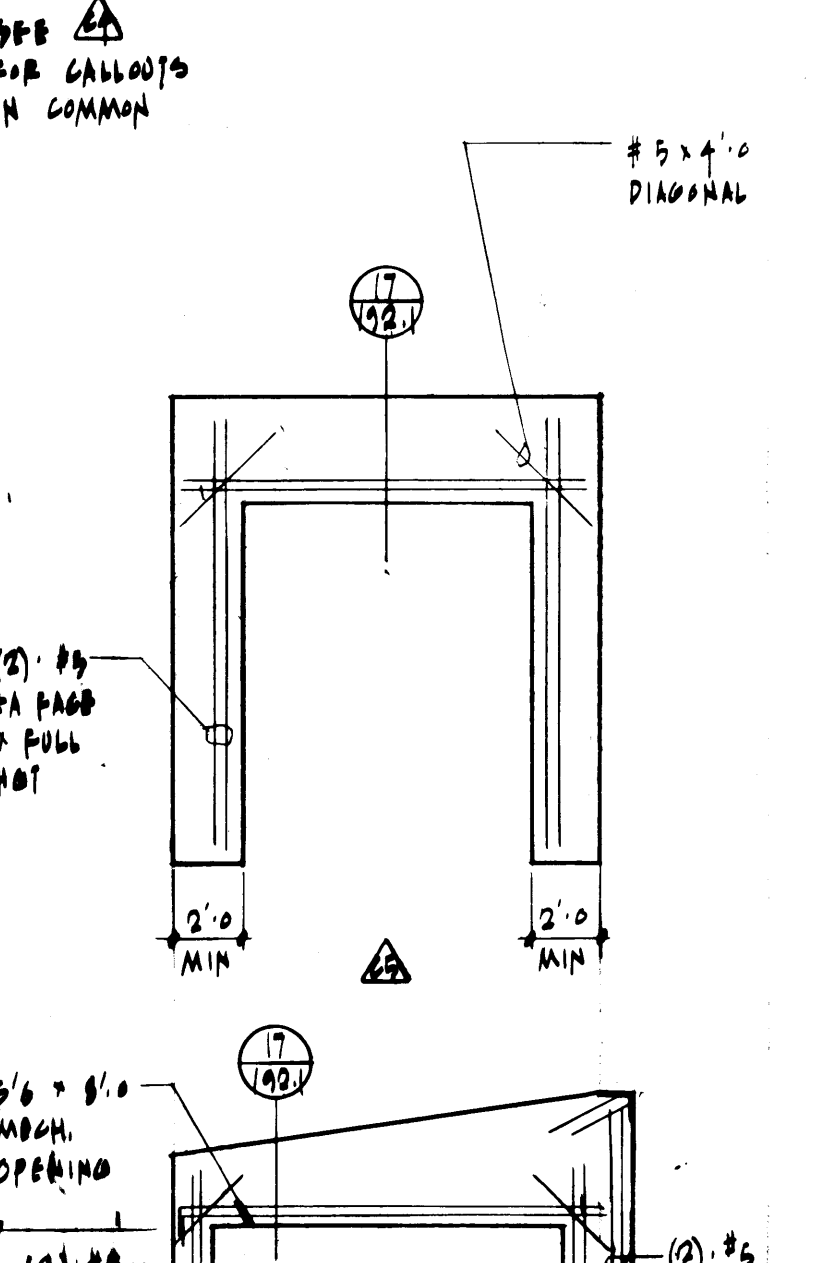
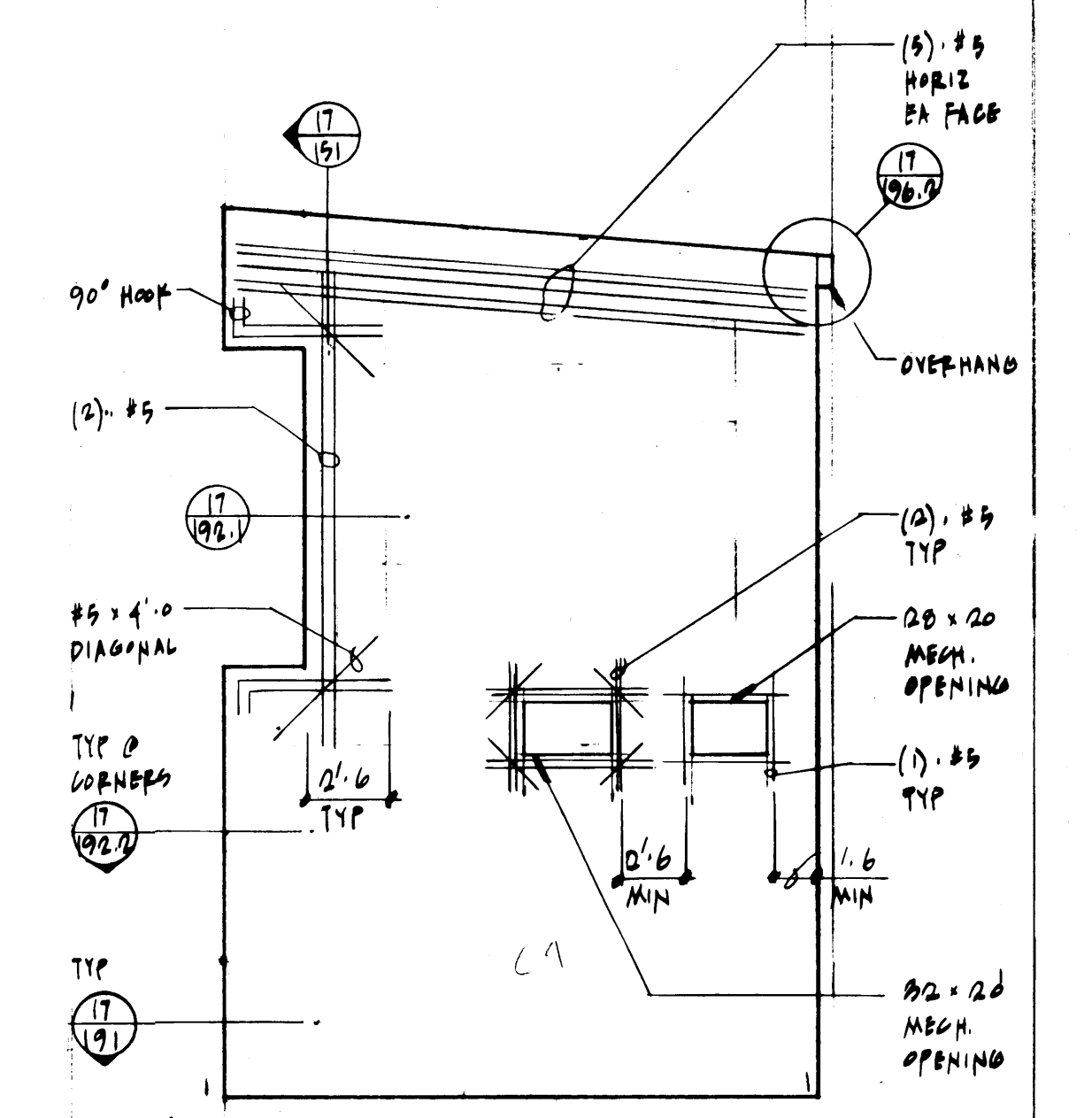
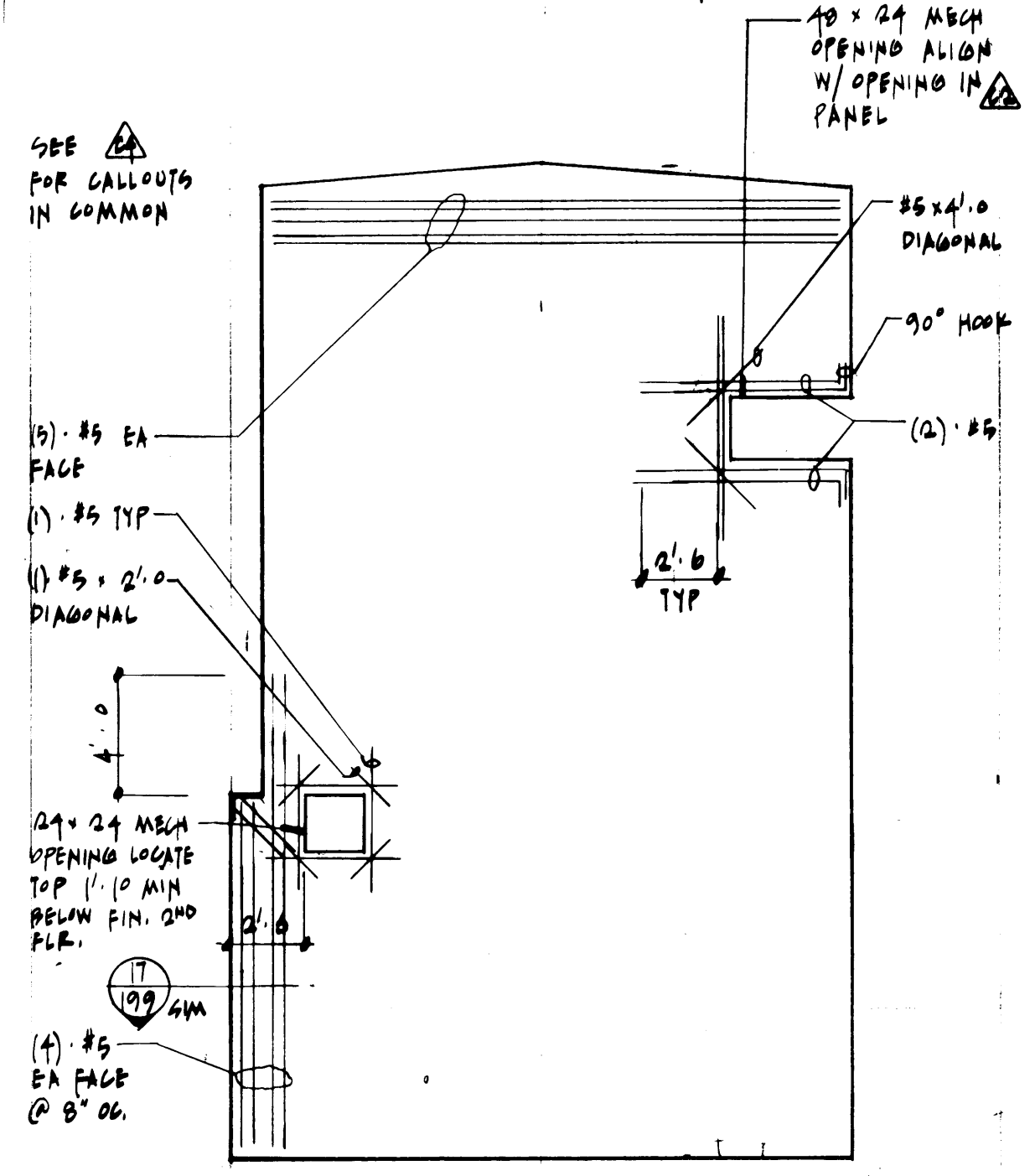
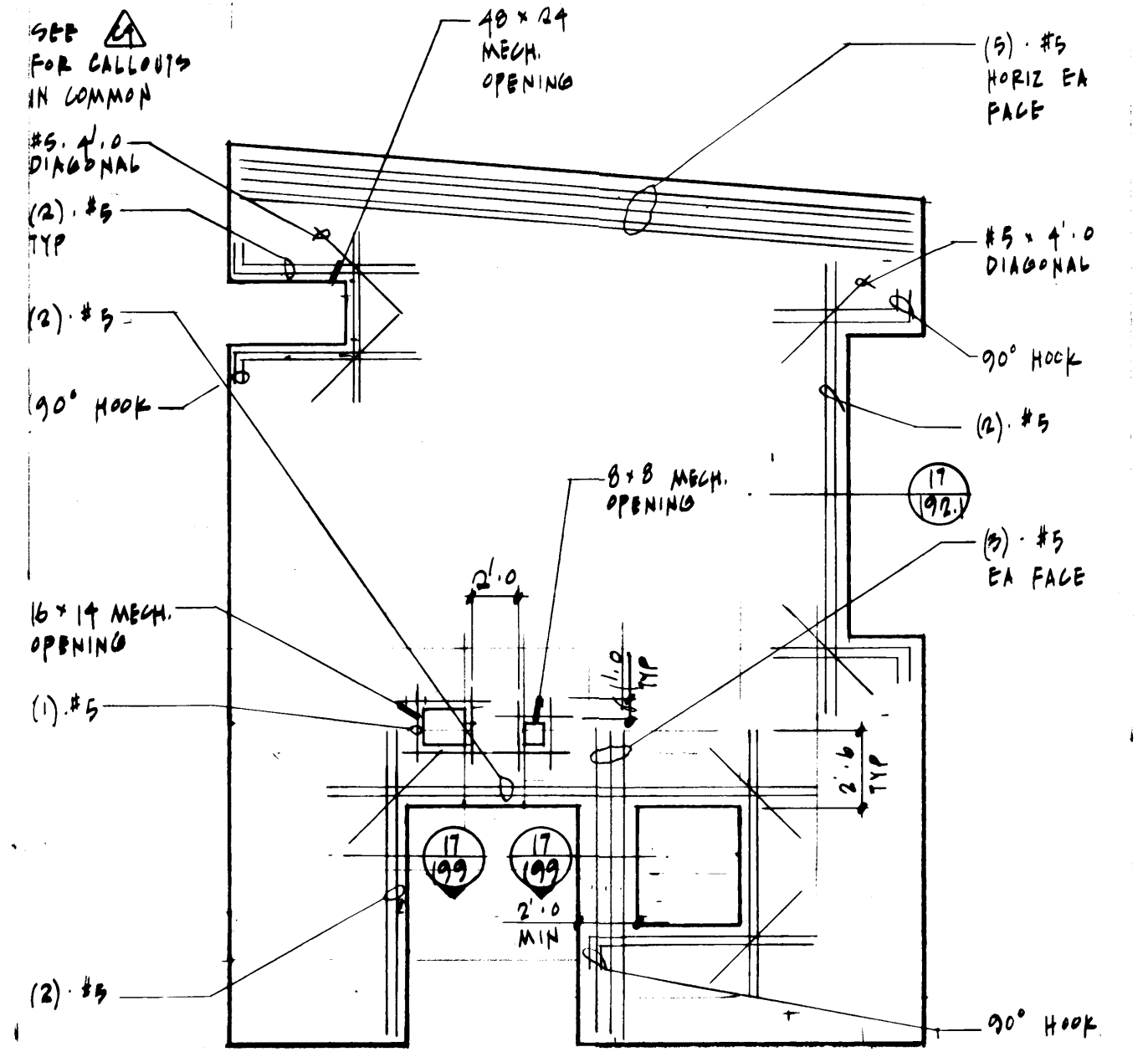
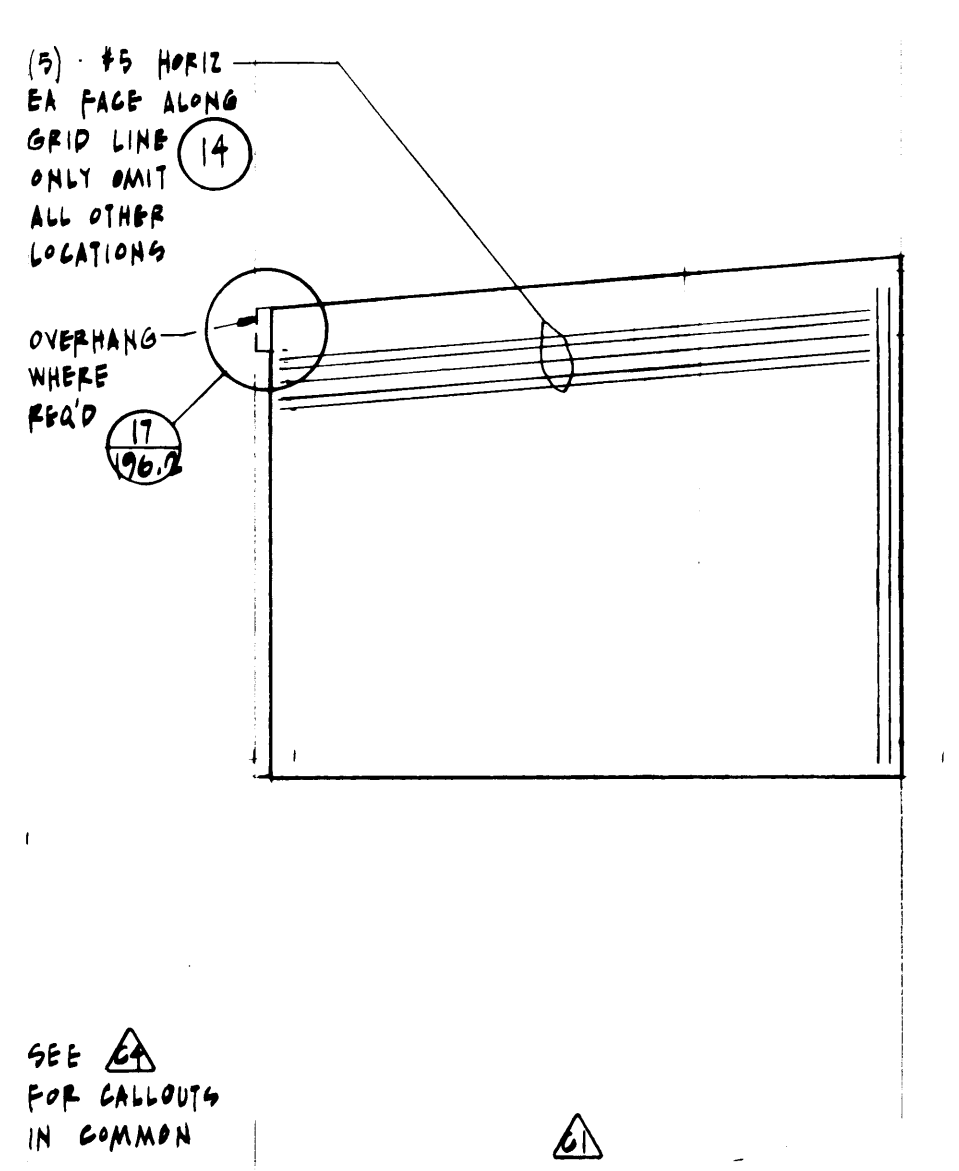
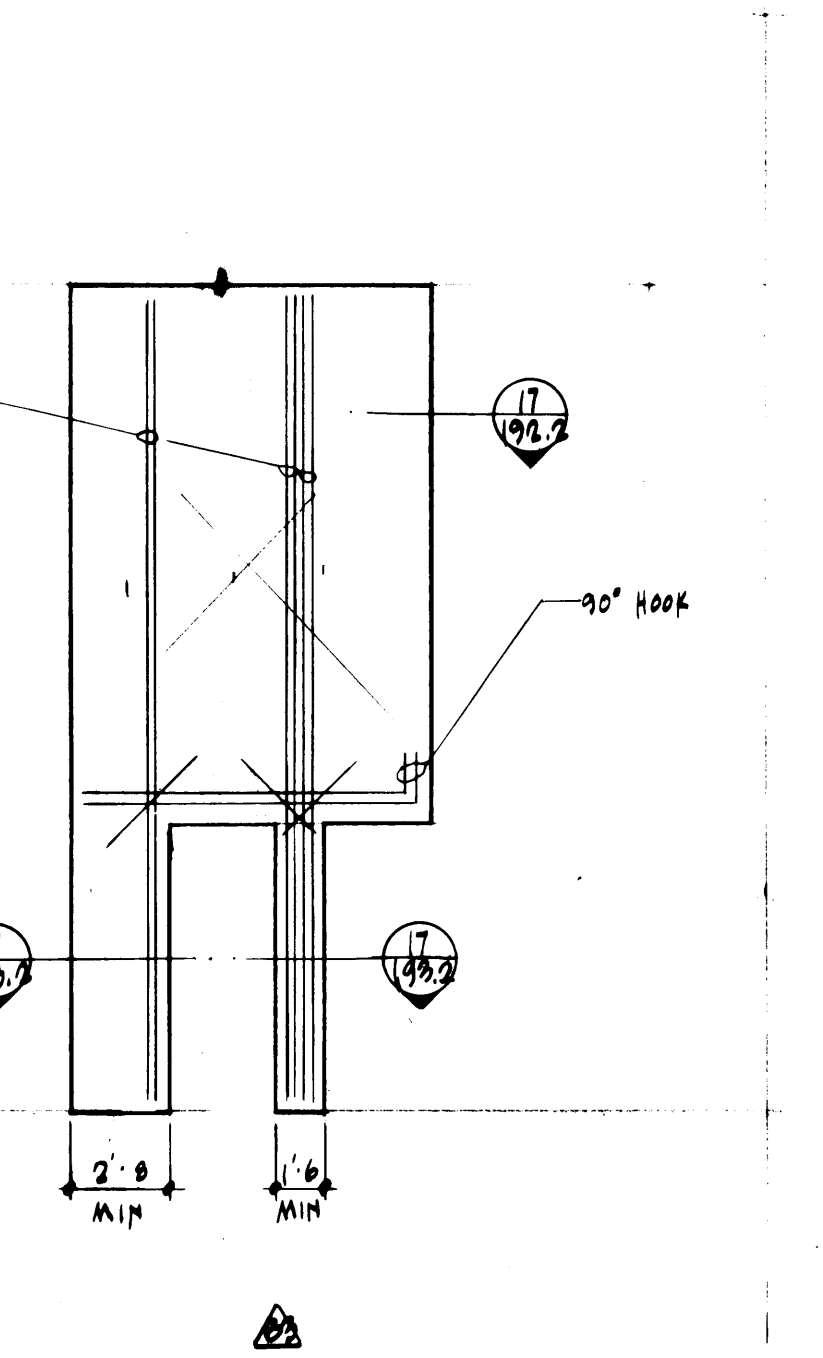
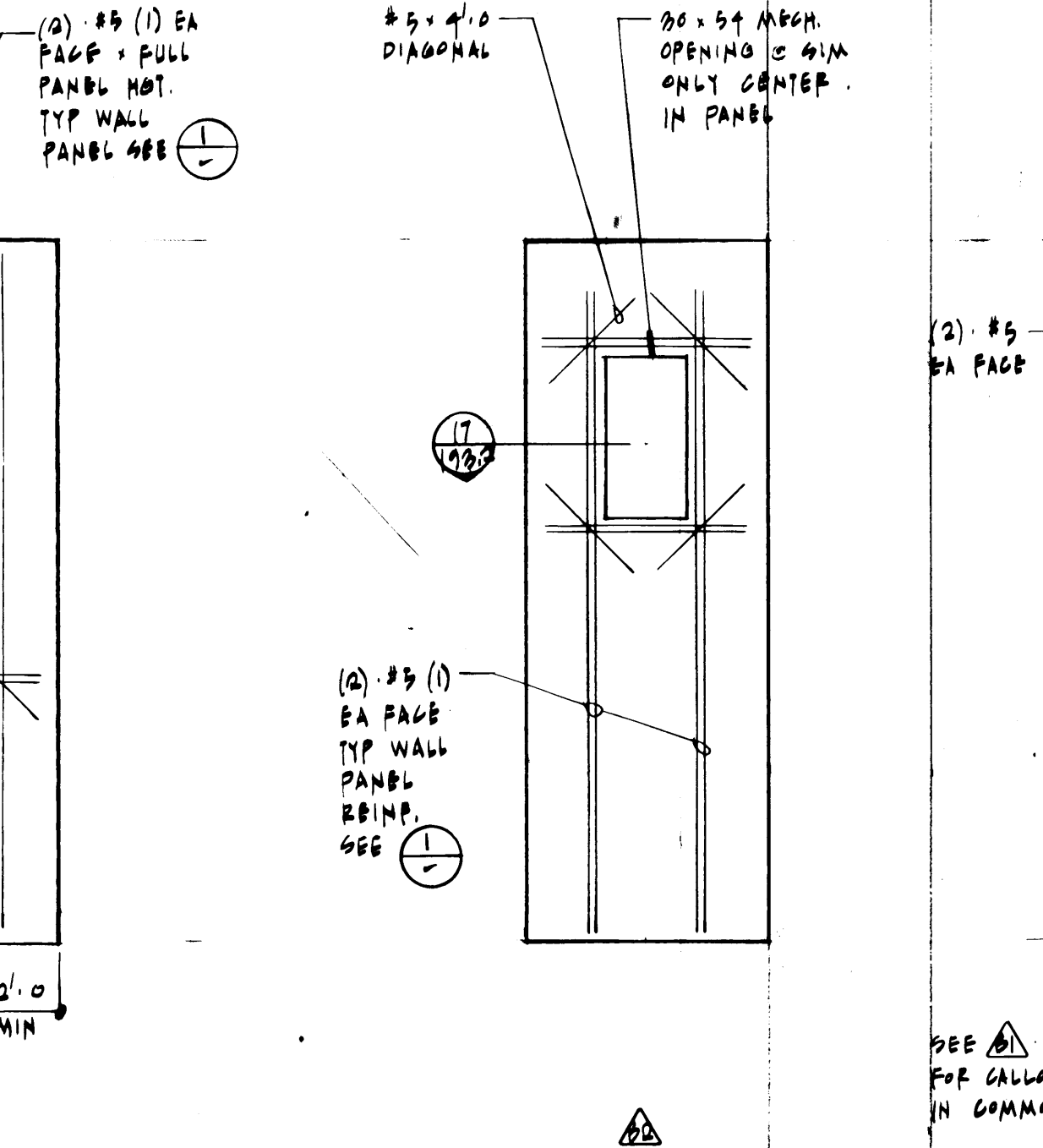
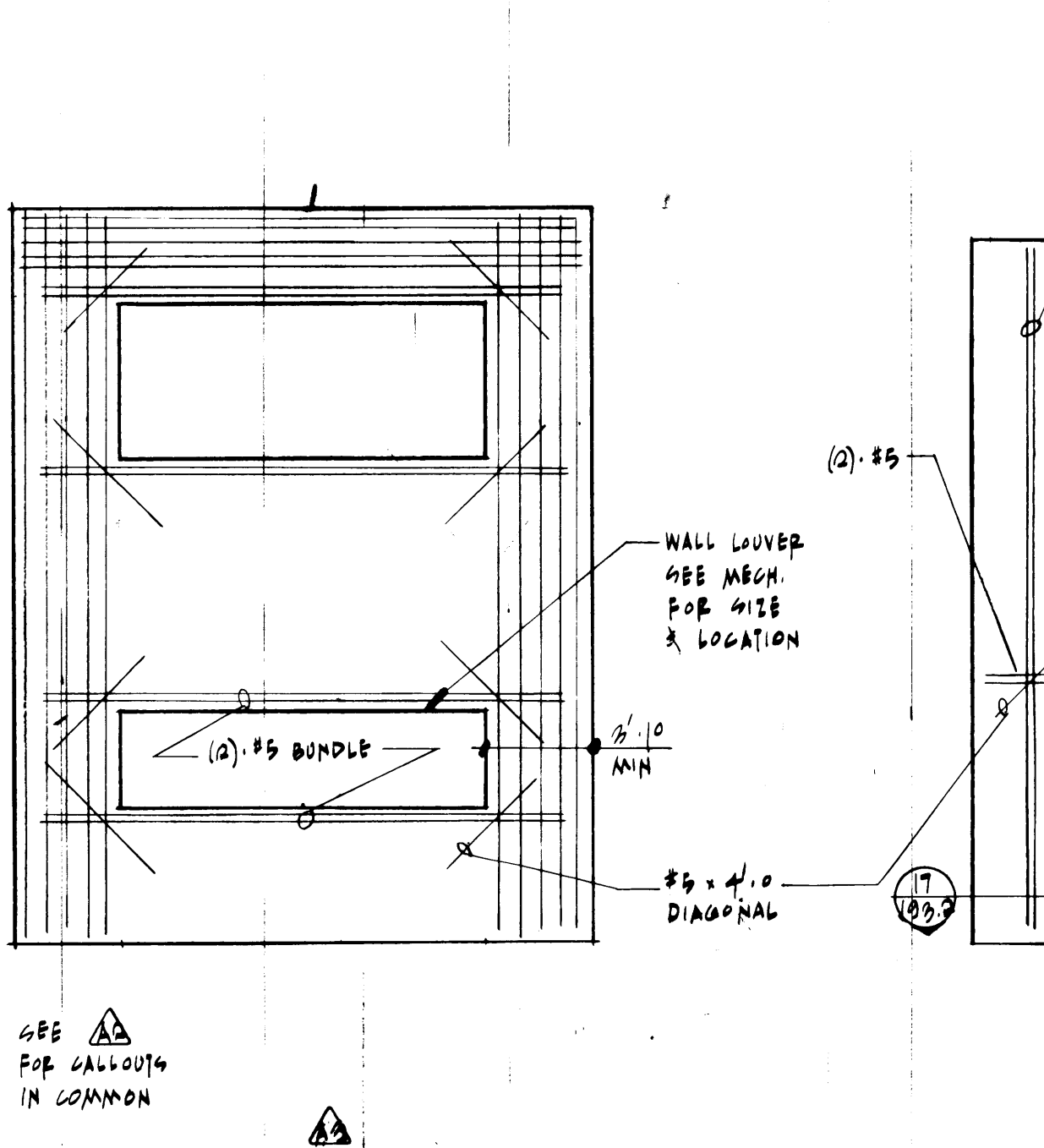
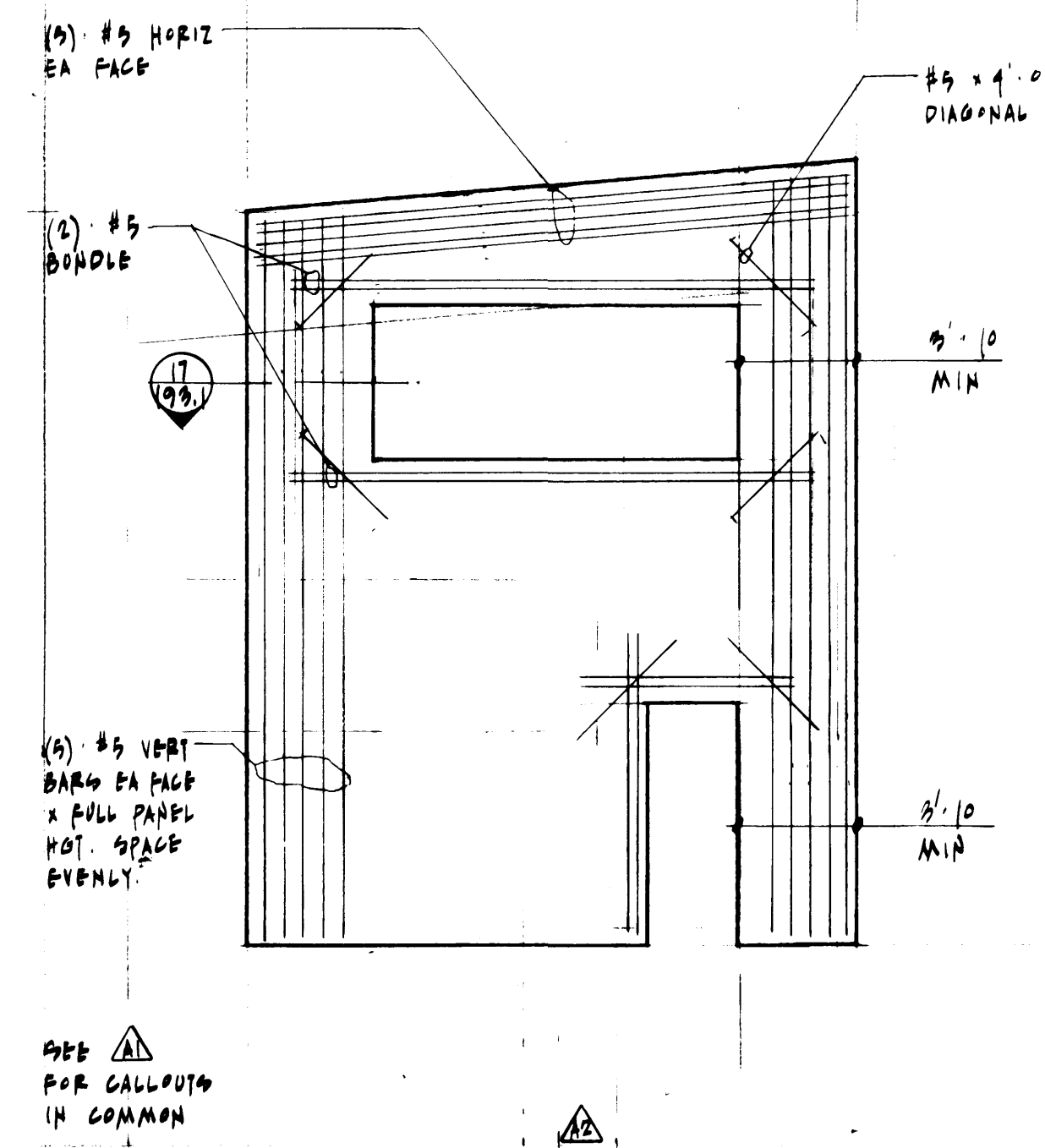
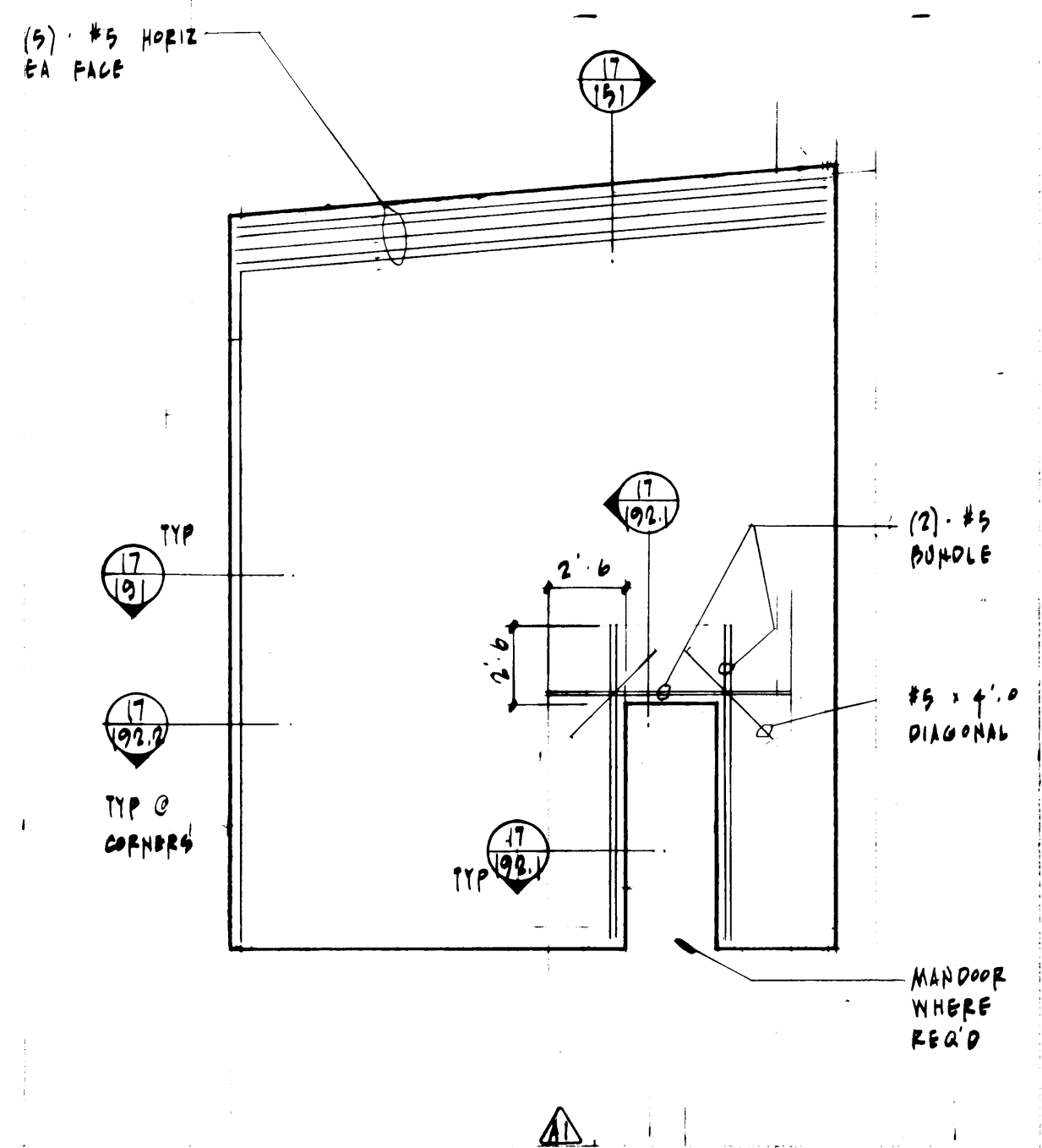
PORT OF TACOMA
TACOMA TERMINALS, INC.
ROOF FRAMING PLAN - EAST

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REVISOR TO AS BUILT
MARK REVISION BY APP. DATE

APPROVED [Signature]
PROJECT MANAGER
CHIEF ENGINEER
DATE 4/24/04
SHEET 21 OF 21





TYPICAL WALL REINFORCEMENT SCHEDULE				
WALL TYPE	PANEL THICKNESS	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	REMARKS
A	7 1/4	#5 @ 1'0 00.	#5 @ 1'4 00.	
B	5 1/2	#5 @ 6" 00. EA FACE	#5 @ 1'4 00.	
C	5 1/2	#5 @ 1'0 00.	#5 @ 1'4 00.	
D	7 1/4	#5 @ 6" 00. EA FACE	#5 @ 1'4 00.	8 VERTICAL BARS MIN
E	5 1/2	#5 @ 1'0 00.	#5 @ 1'4 00.	
F	7 1/4	#5 @ 1'0 00.	#5 @ 1'4 00.	
G	5 1/2	#5 @ 1'6 00.	#5 @ 1'4 00.	

- WHEN SINGLE LAYER OF STL USED, CENTER BARS IN WALL.
- WHEN VERT BARS ARE REQ'D EA FACE, LAYOUT AS SHOWN.
- SEE PANEL ELEVATIONS FOR SPECIAL REINFORCEMENT TO BE USED IN LIEU OF TYPICAL REINFORCEMENT WHERE SHOWN.
- SEE PLANS A DETAILS FOR ENDS REQ'D A LOCATIONS
- SEE DETAILS FOR OTHER SPECIAL REIN. WHICH MAY BE REQ'D
- LOCATE MESH. OPENINGS SHOWN ON PANEL ELEVATION AS FOLLOWS UNLESS NOTED:
 - ROOF: 12" MIN BELOW LOWEST POINT OF 1" x 4" ANGLE LEDGER ABOVE OPENING.
 - FLOOR: 2'0 MIN BELOW TOP OF FIN. 2ND FLR.

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DATE: 1/24/04

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DATE: _____

CHECKED: _____
DATE: _____

CONT. NO. 555

PORT OF TACOMA

PANEL ELEVATIONS

McGRANAHAN, MESSENGER ASSOCIATES

ARCHITECTURE / PLANNING / INTERIORS

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APPROVED: *[Signature]* Project Manager 3/25/04

NO AS-BUILT CHANGES

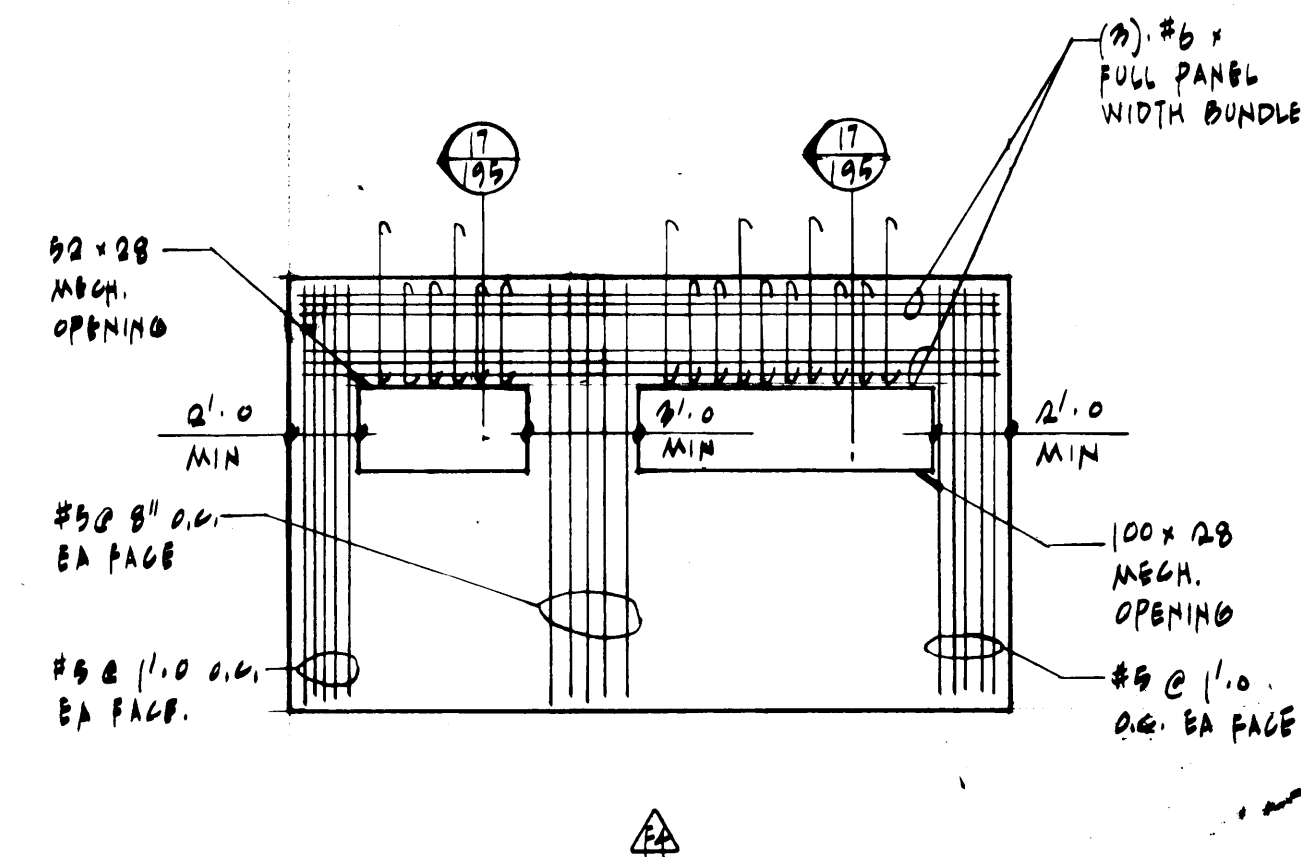
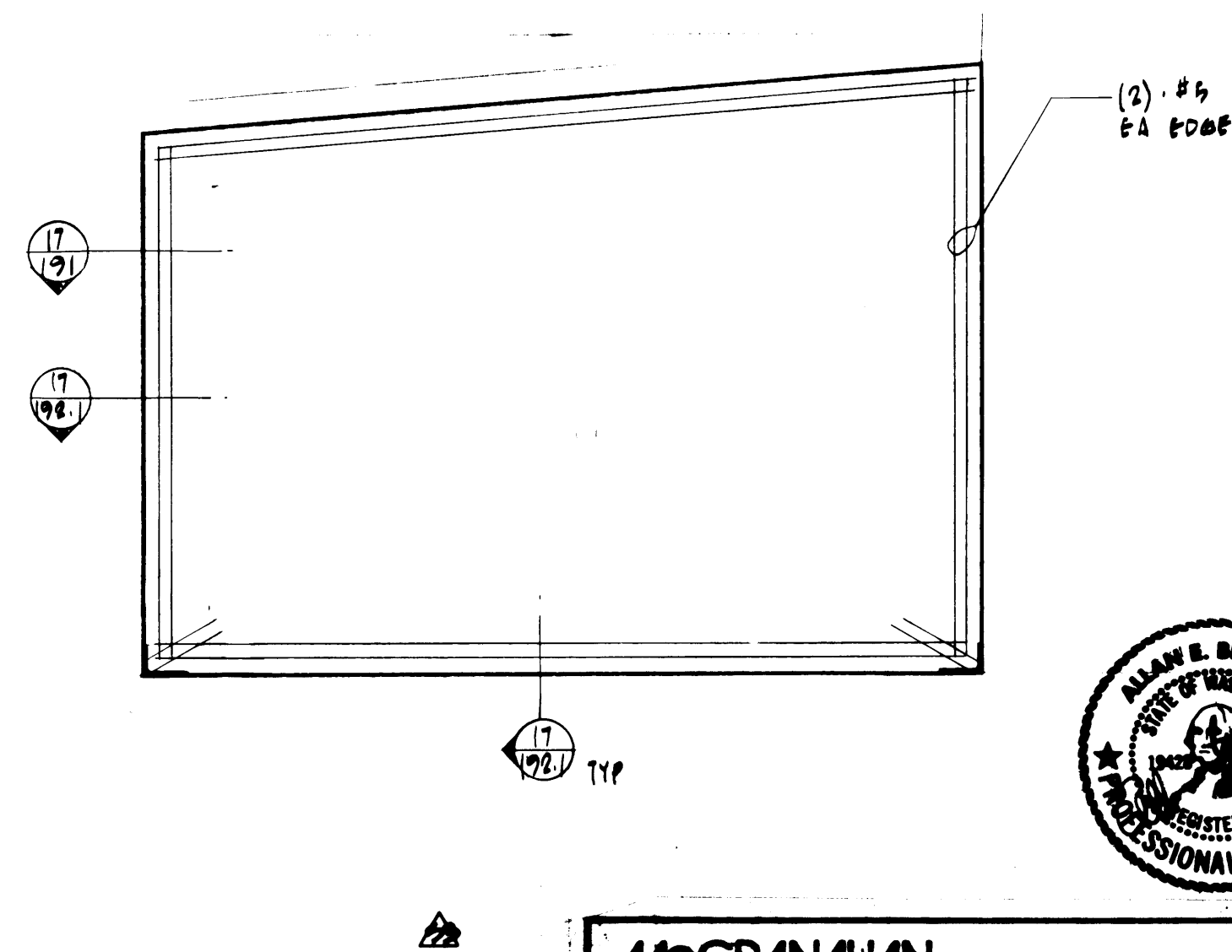
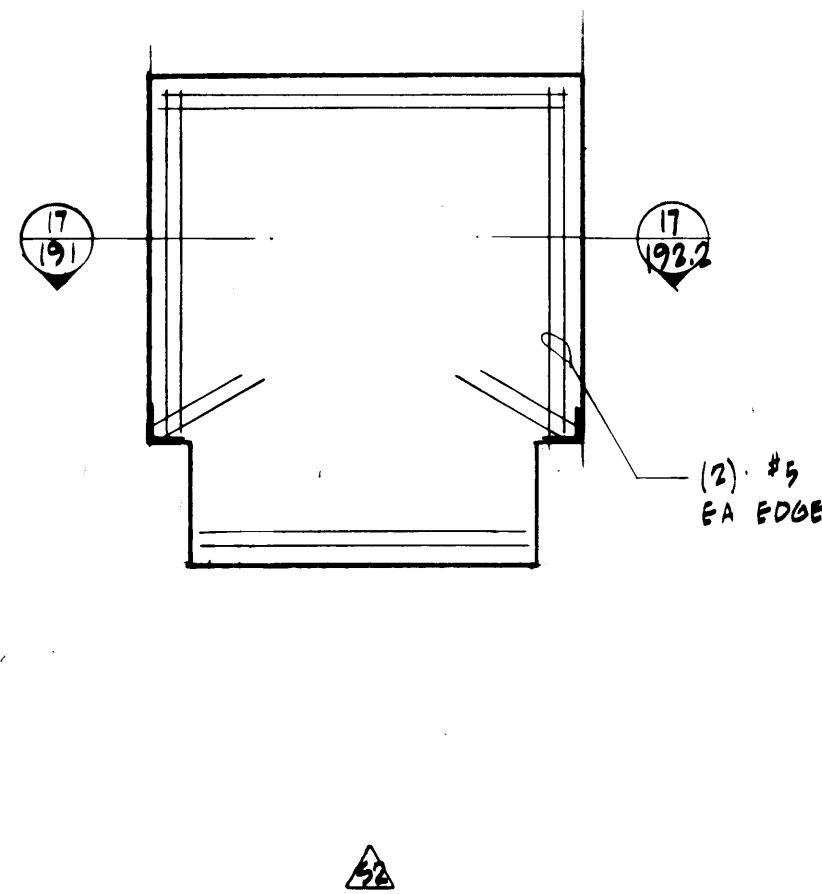
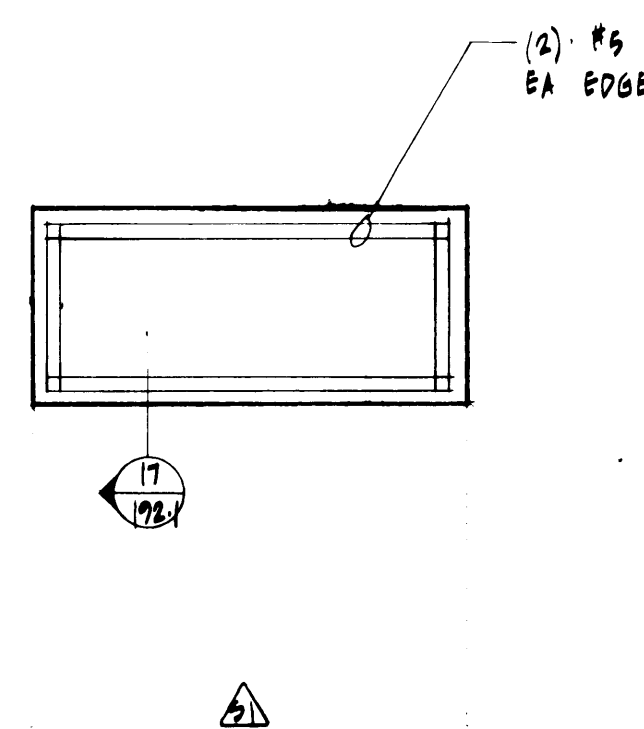
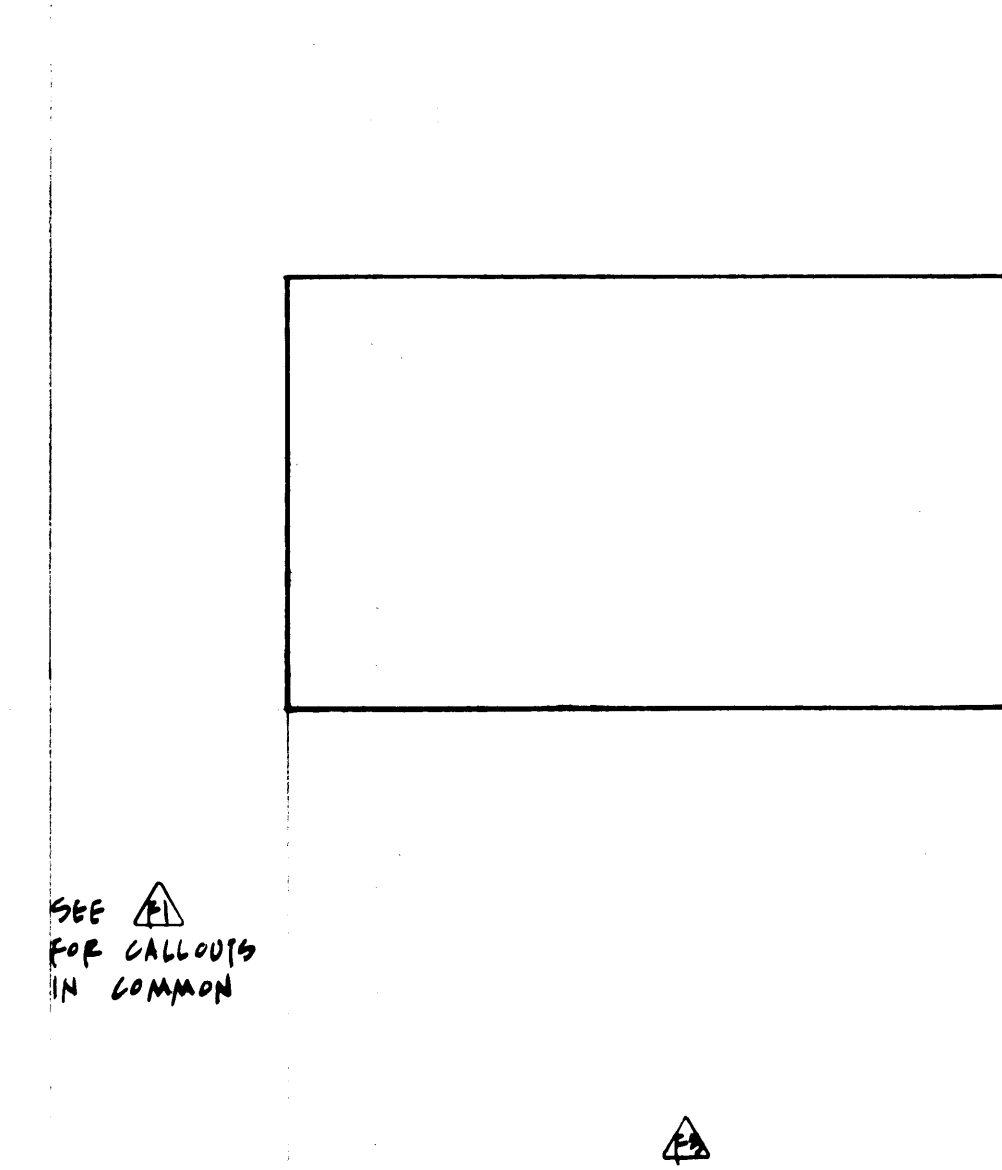
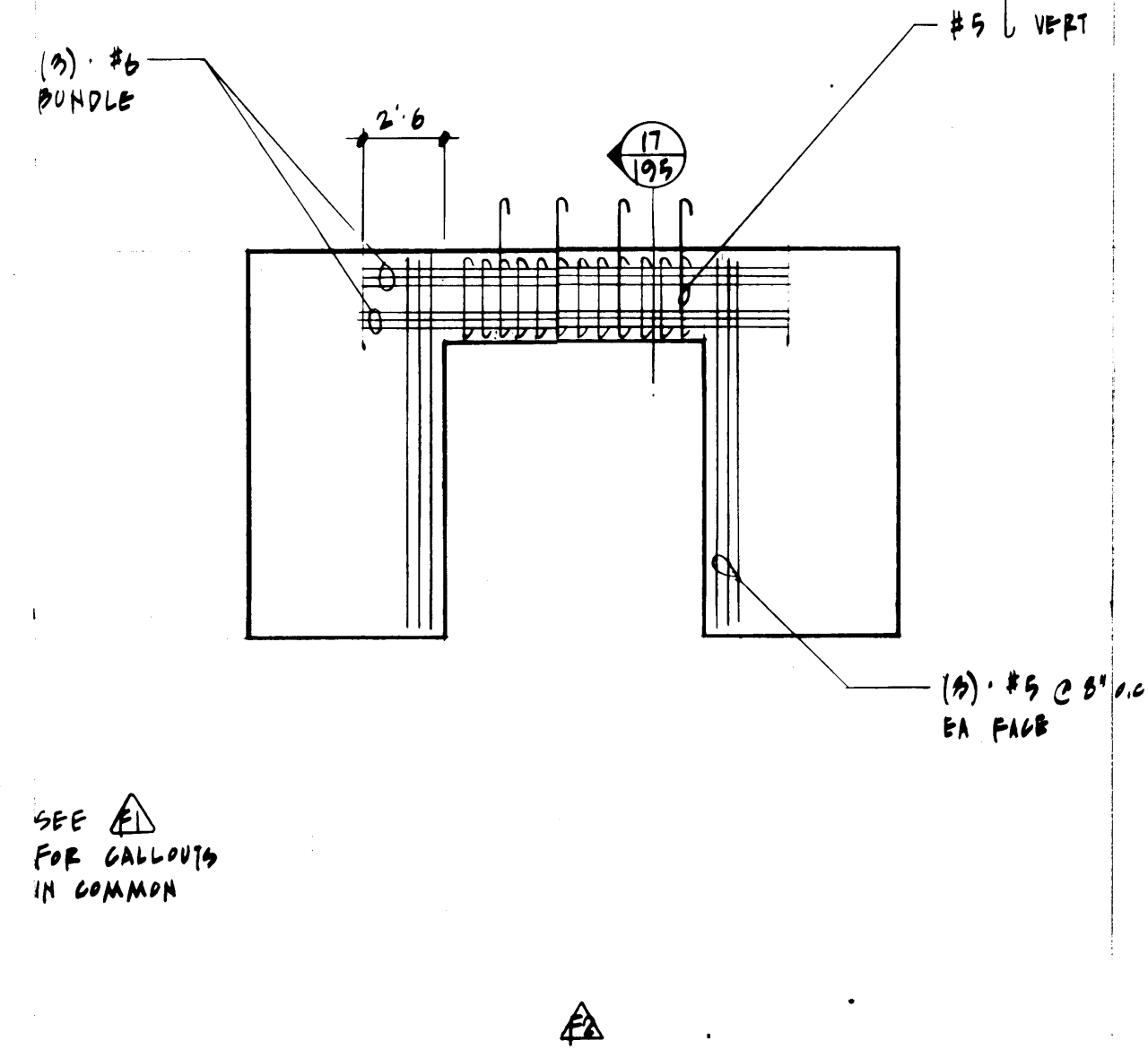
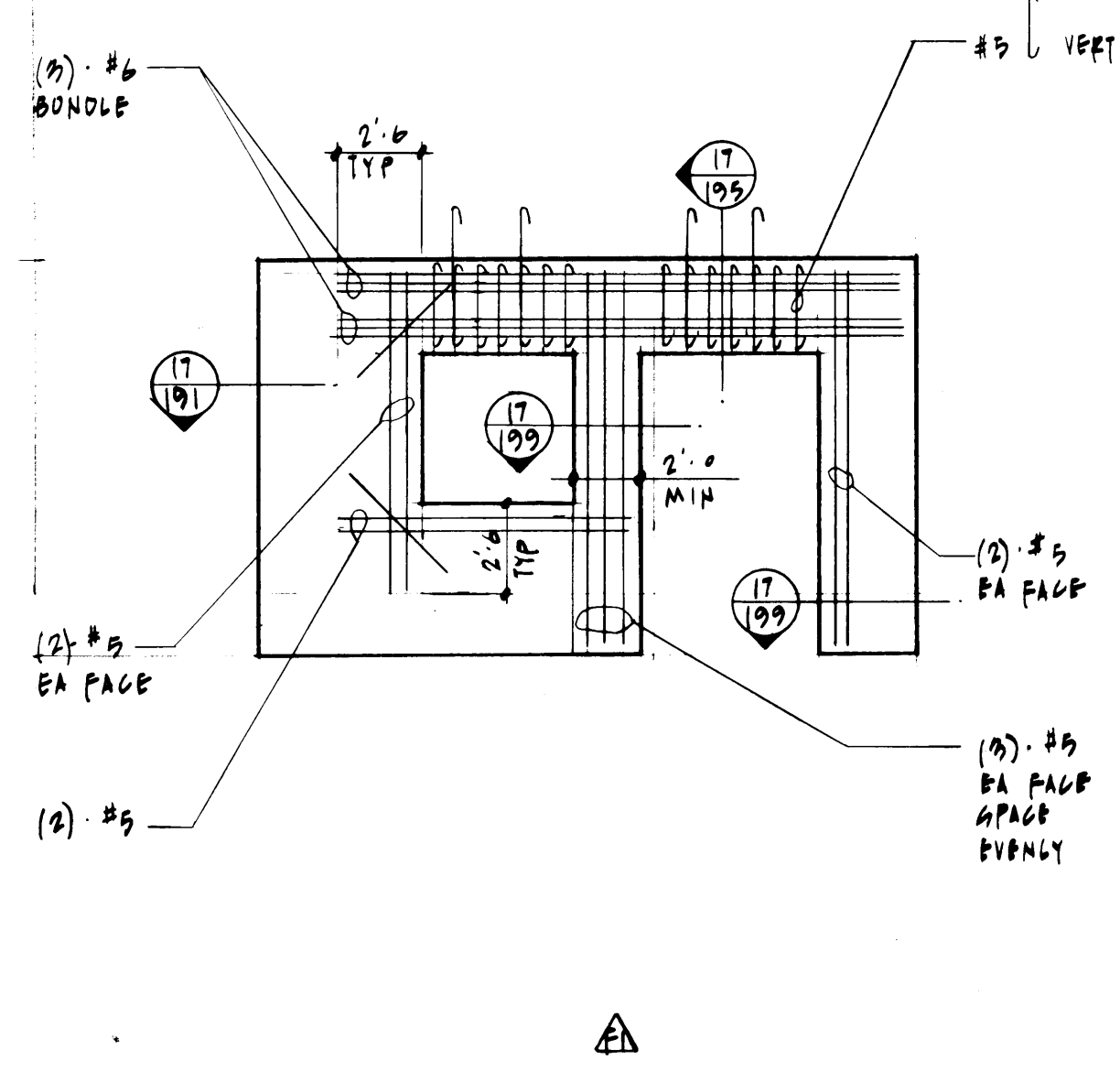
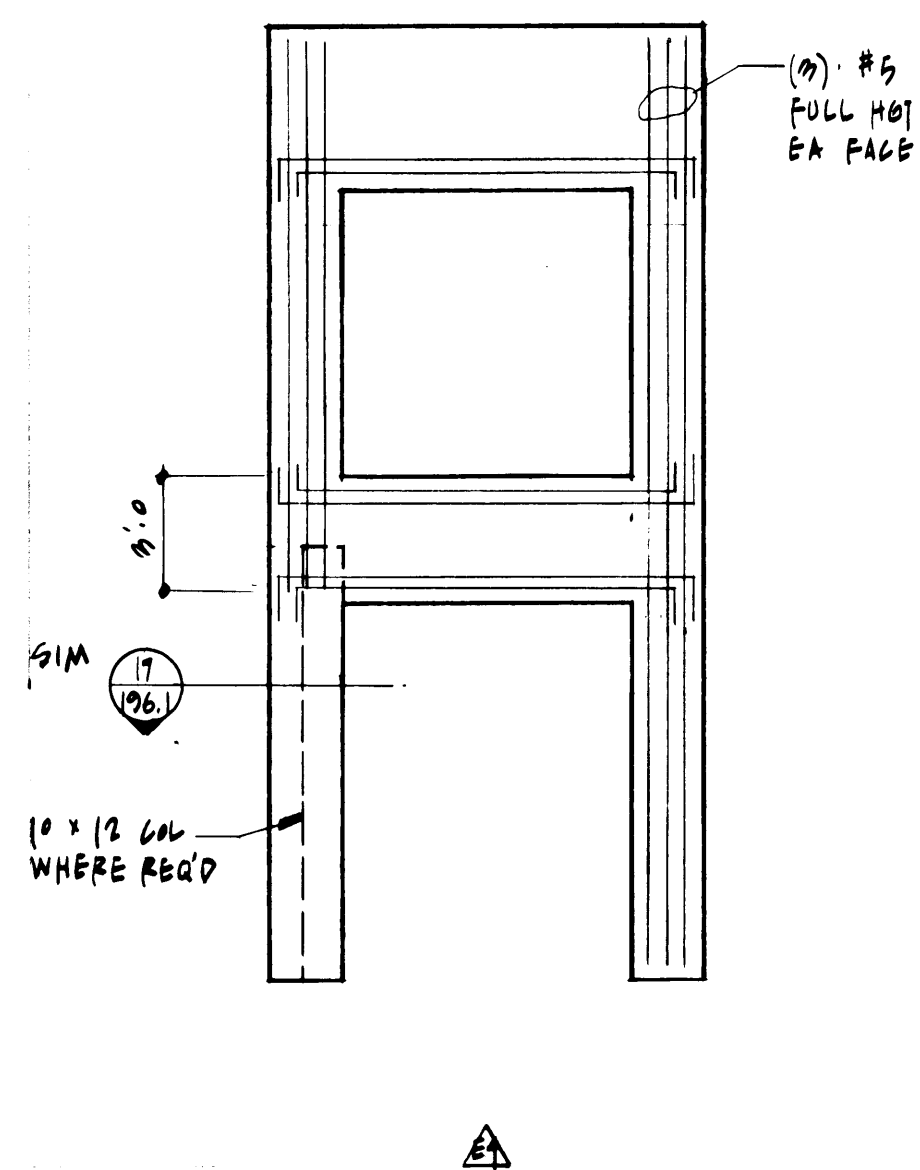
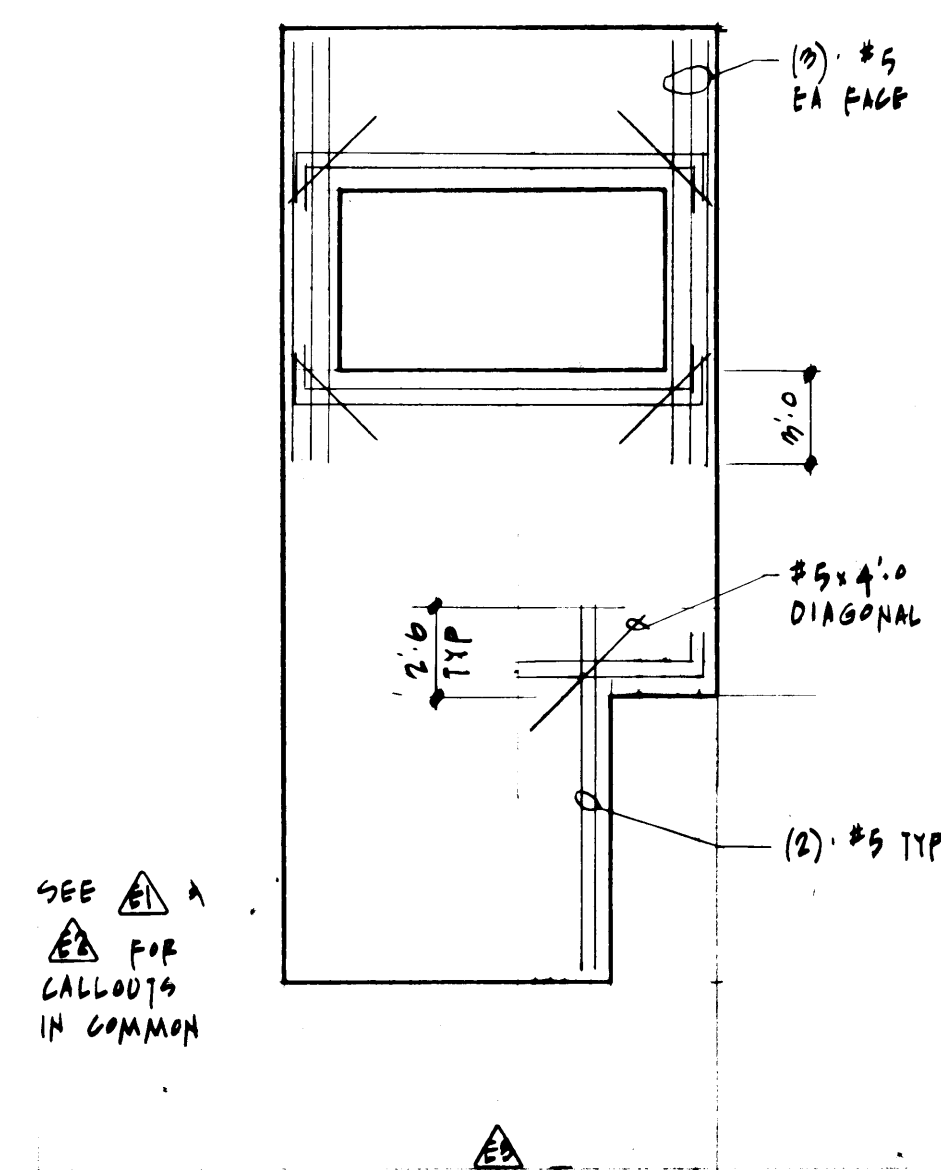
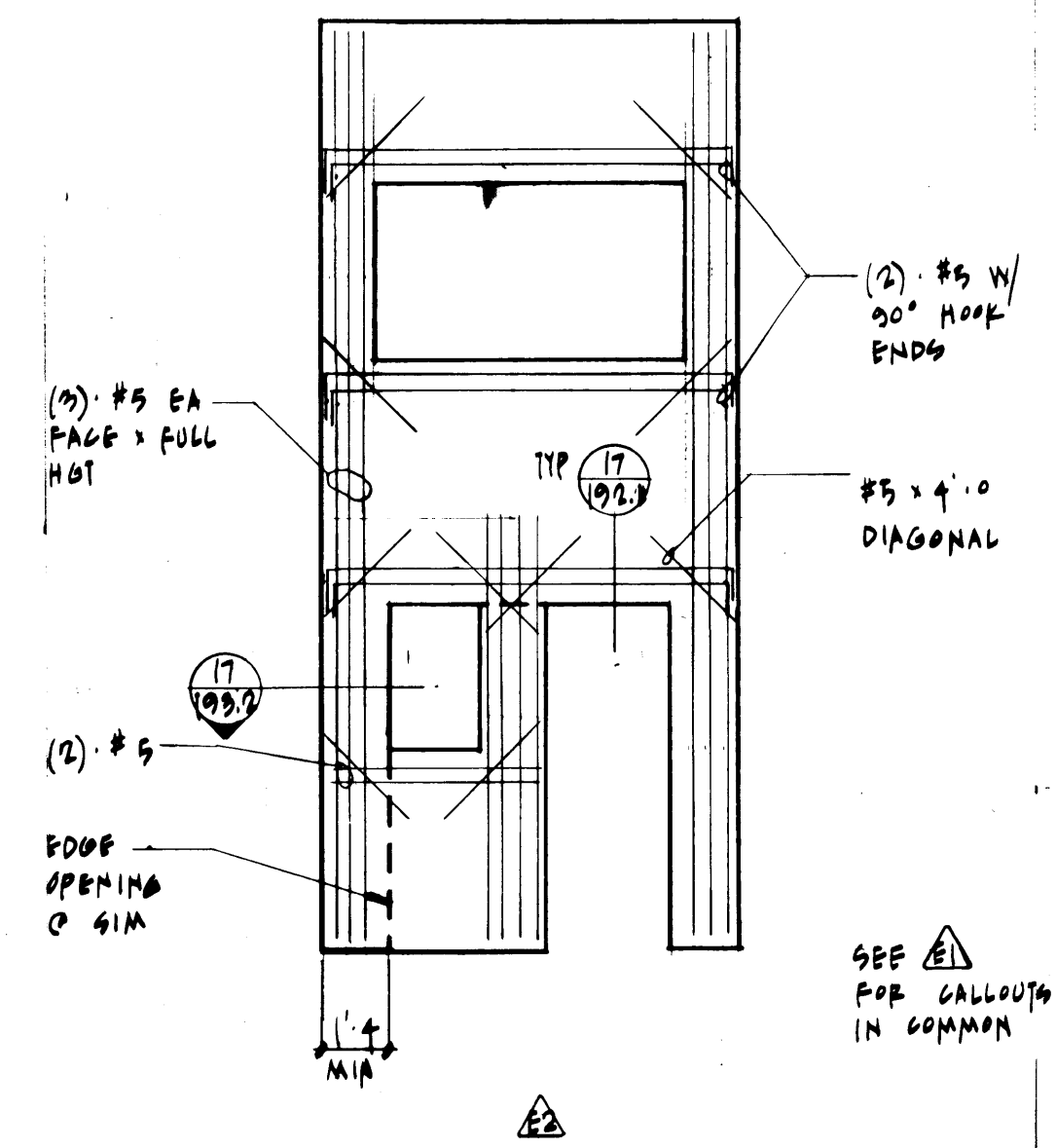
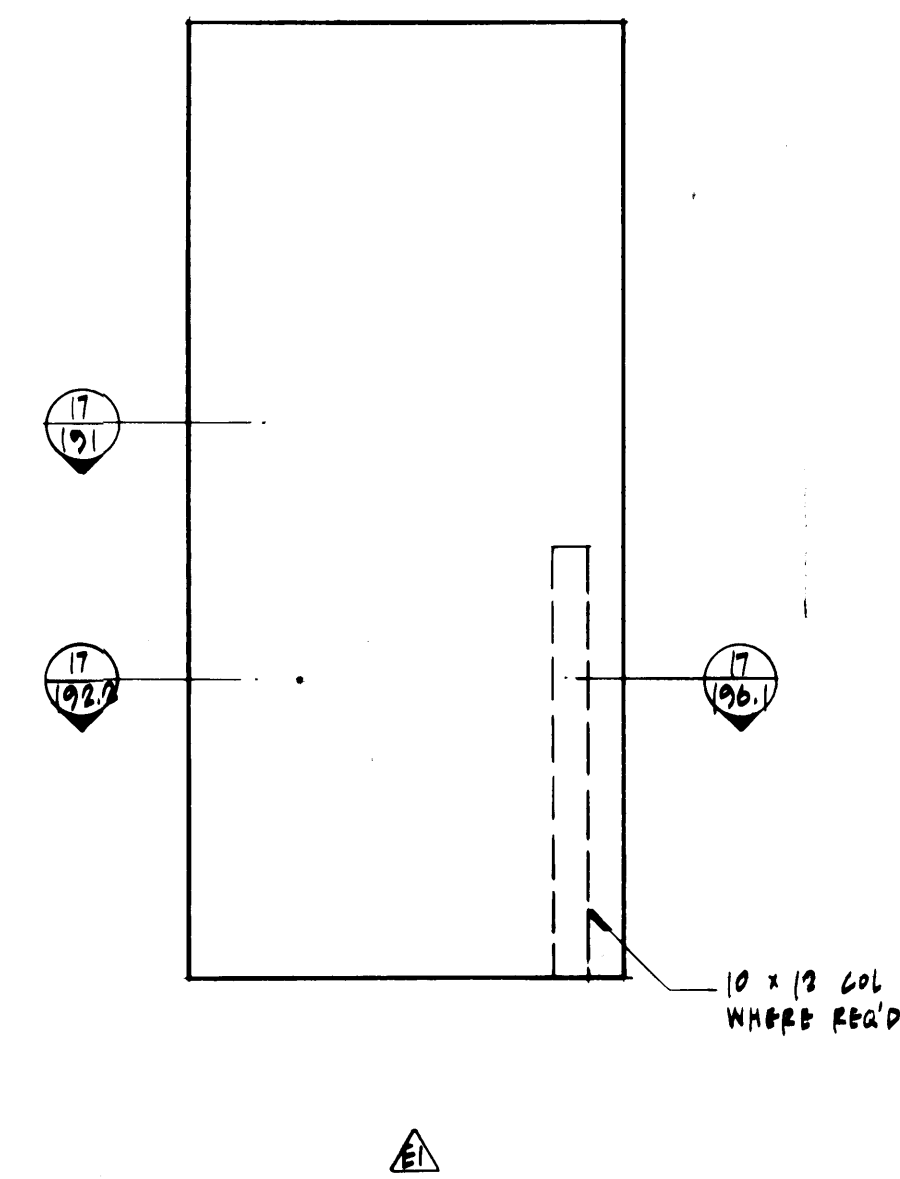
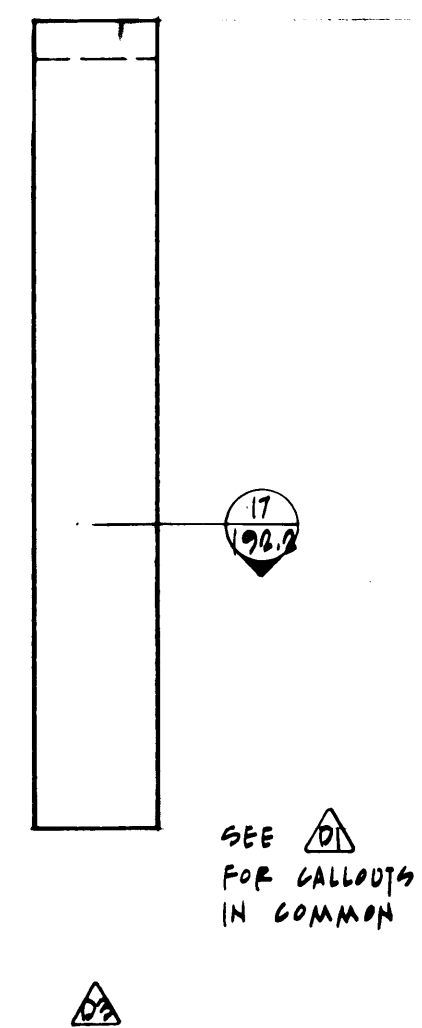
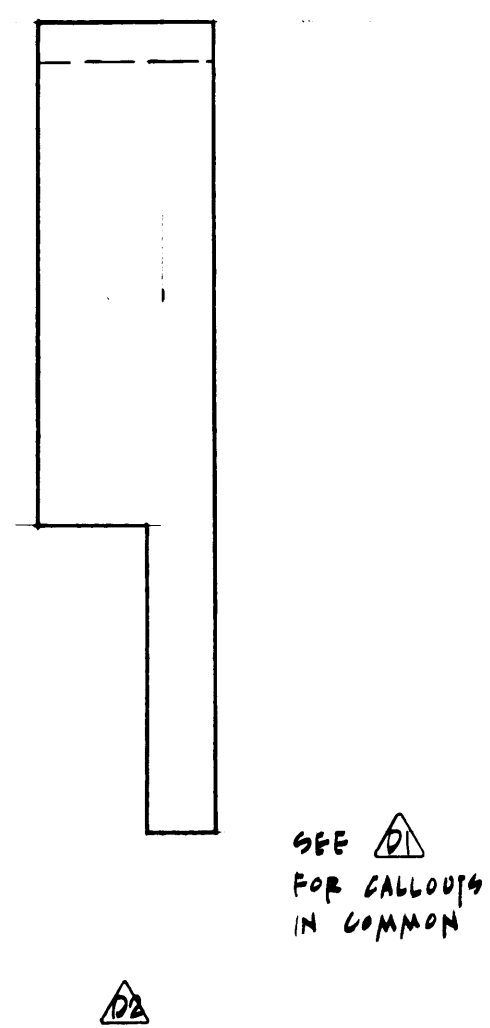
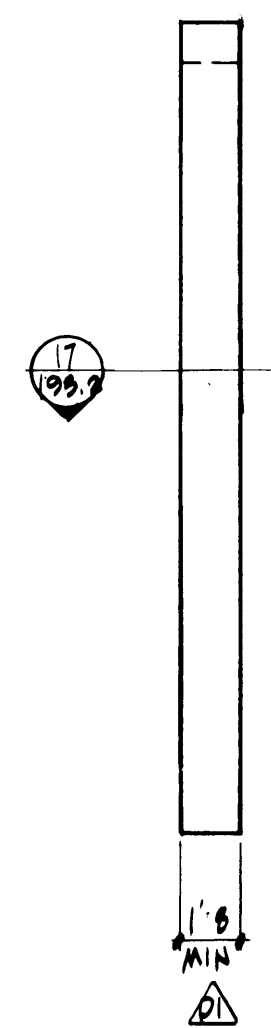
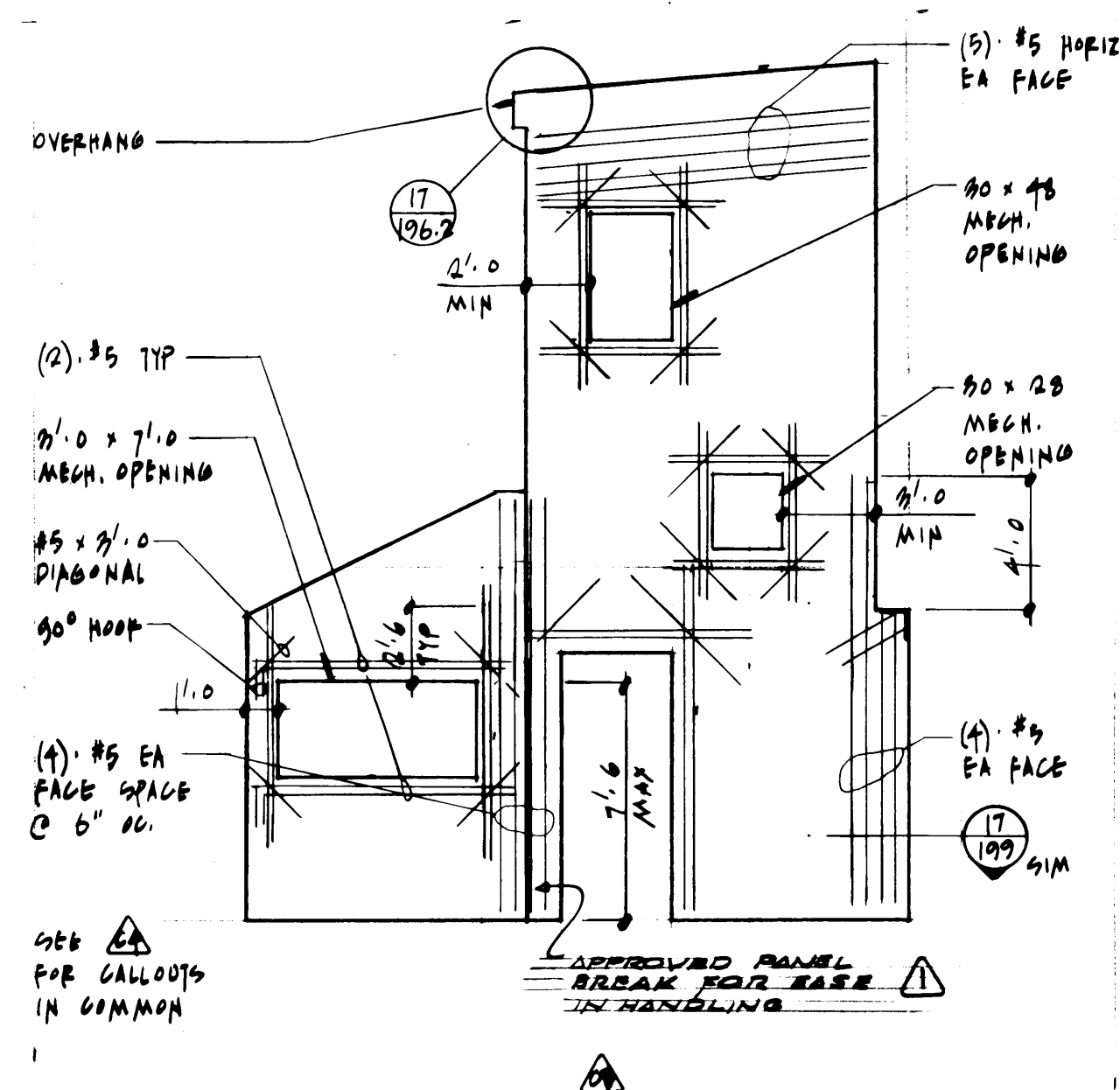
MARK REVISION BY APP. DATE

FIELD BOOK (S):

SCALE: 3/16" = 1'-0"

DRAWING NO. EP-3078-23

SHEET 51-8 OF 8



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ARCHITECTURE / PLANNING / INTERIORS
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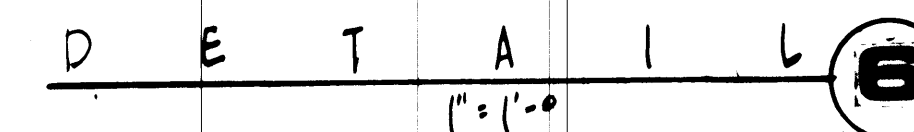
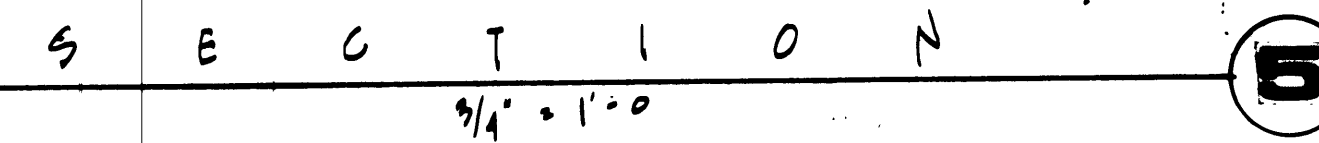
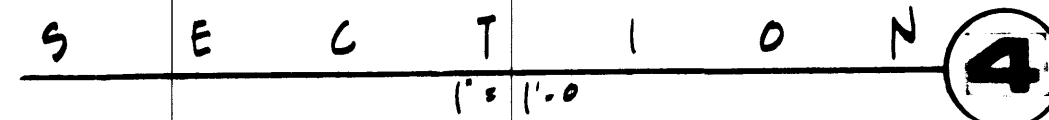
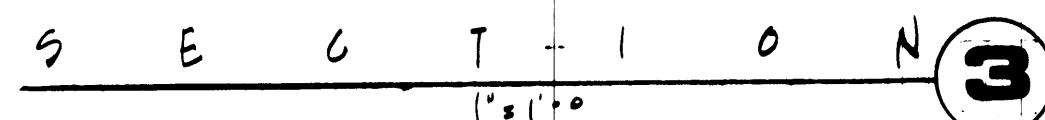
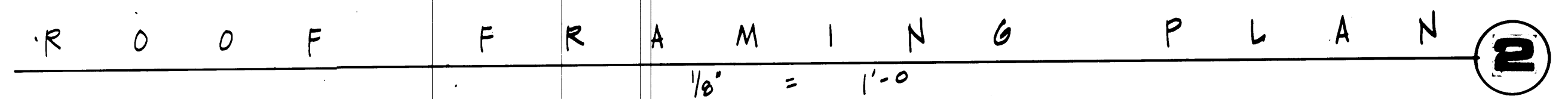
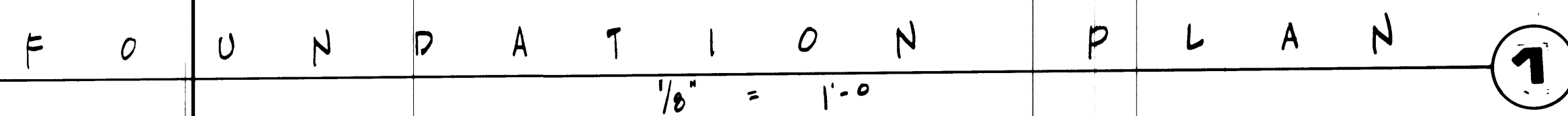
Adams/Hodsdon & ASSOC.
Adams, Hodsdon & Associates, Inc., Structural Engineers
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(206) 922-1600, Seattle: (206) 624-4138

REVISION	BY	APP.	DATE

DRAWN: LM		DATE: 3/24/84	
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CONT. NO. 5532		FIELD BOOK (S):	
APPROVED: <i>[Signature]</i>		SCALE: 3/16" = 1'-0"	
PROJECT MANAGER: <i>[Signature]</i>		DRAWING NO. EP-878-23	
CHIEF ENGINEER: <i>[Signature]</i>		SHEET 81-7 OF 8	

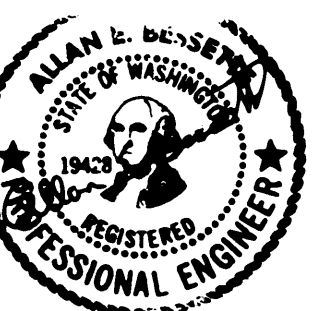
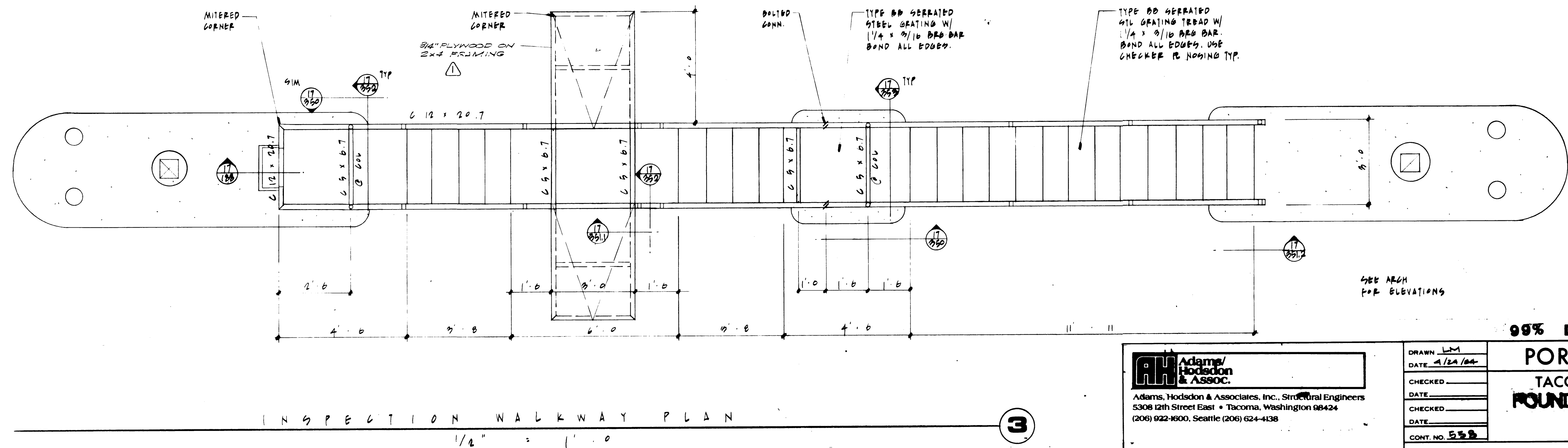
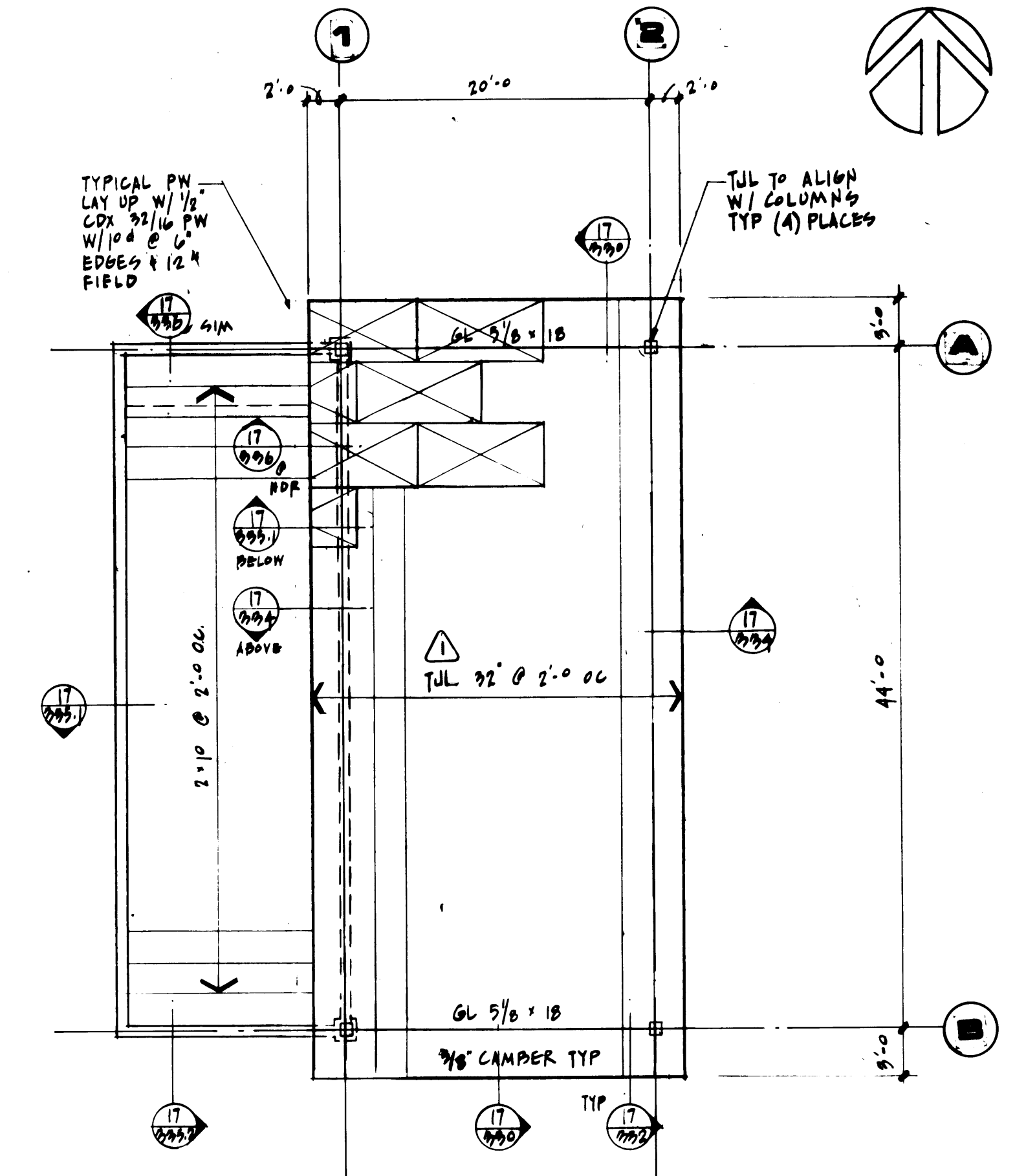
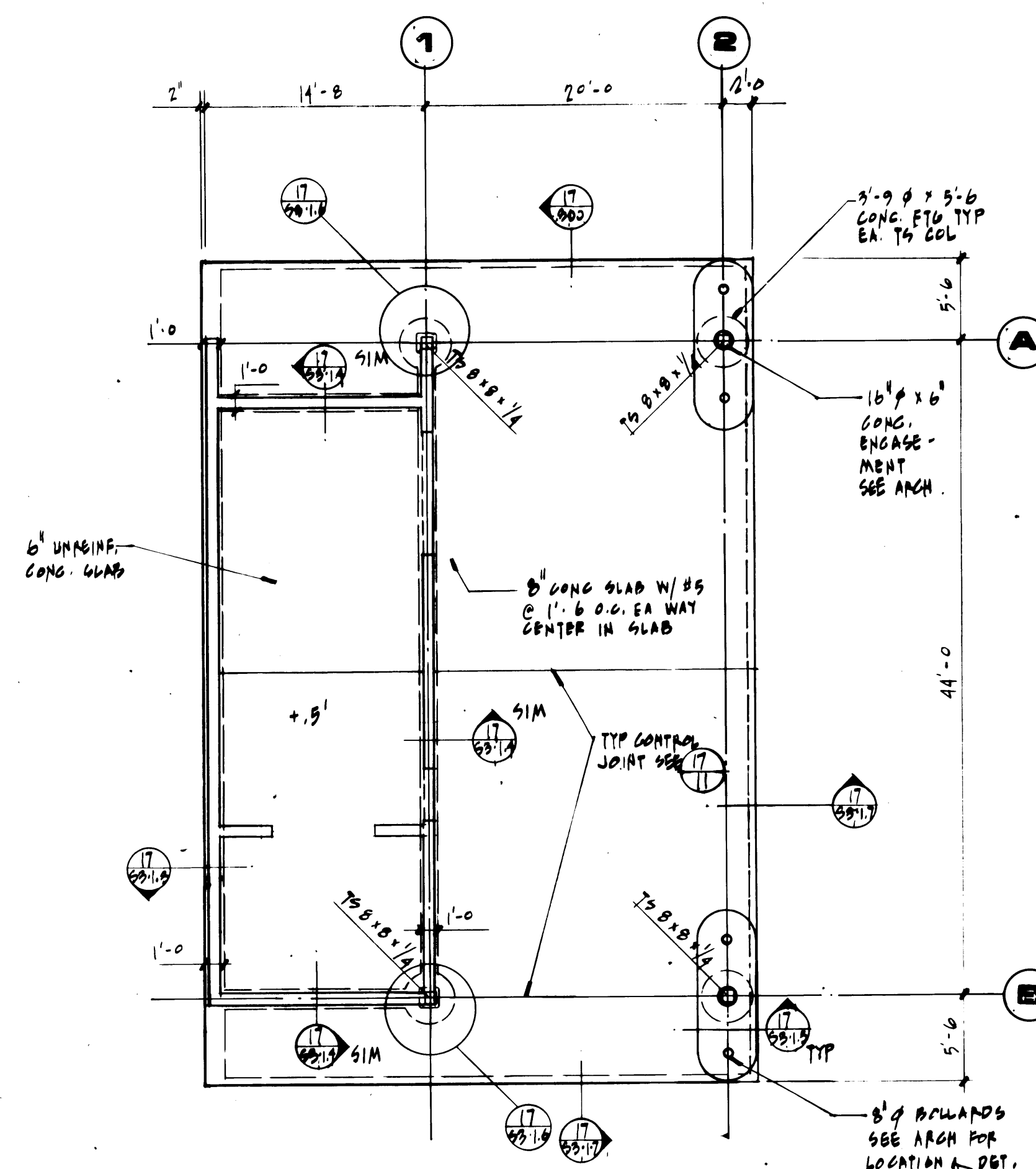
PORT OF TACOMA PANEL ELEVATIONS

SCALE $\frac{1}{8}'' = 1'-0''$
DRAWING NO.
EP-3878-2
6-S2-1
SHEET **S2-1** OF



⚠	REVISED TO AS BUILT		RJS		10/48
MARK	REVISION		BY	APP.	DATE

DRAWN <u>LM</u>	PORT OF TACOMA TACOMA TERMINALS, INC. FOUNDATION & FRAMING PLAN DETAILS		SCALE <u>AS SHOWN</u> DRAWING NO. EP-2872-BS 8-83-1
DATE <u>1/24/84</u>			
CHECKED _____			
DATE _____			
CHECKED _____			
DATE _____	FIELD BOOK (S) APPROVED <u>[Signature]</u> <u>1/24/84</u> PROJECT MANAGER _____ DATE _____ CHIEF ENGINEER _____ DATE _____		SHEET <u>83-1</u> OF <u>1</u>



99% DATE 3-30-84

PORT OF TACOMA

TACOMA TERMINALS, INC.

FOUNDATION & FRAMING

PLAN

**AH Adams/
Hodsdon
& Assoc.**

Adams, Hodsdon & Associates, Inc., Structural Engineers
5308 12th Street East • Tacoma, Washington 98424
(206) 922-4600, Seattle (206) 624-4138

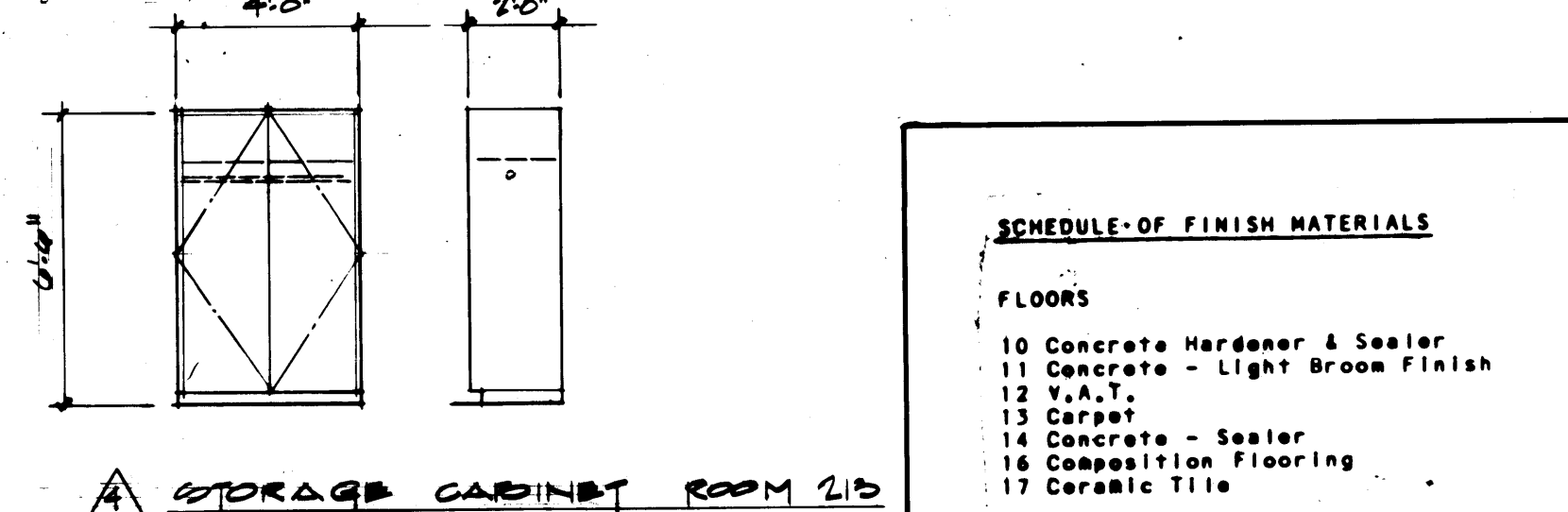
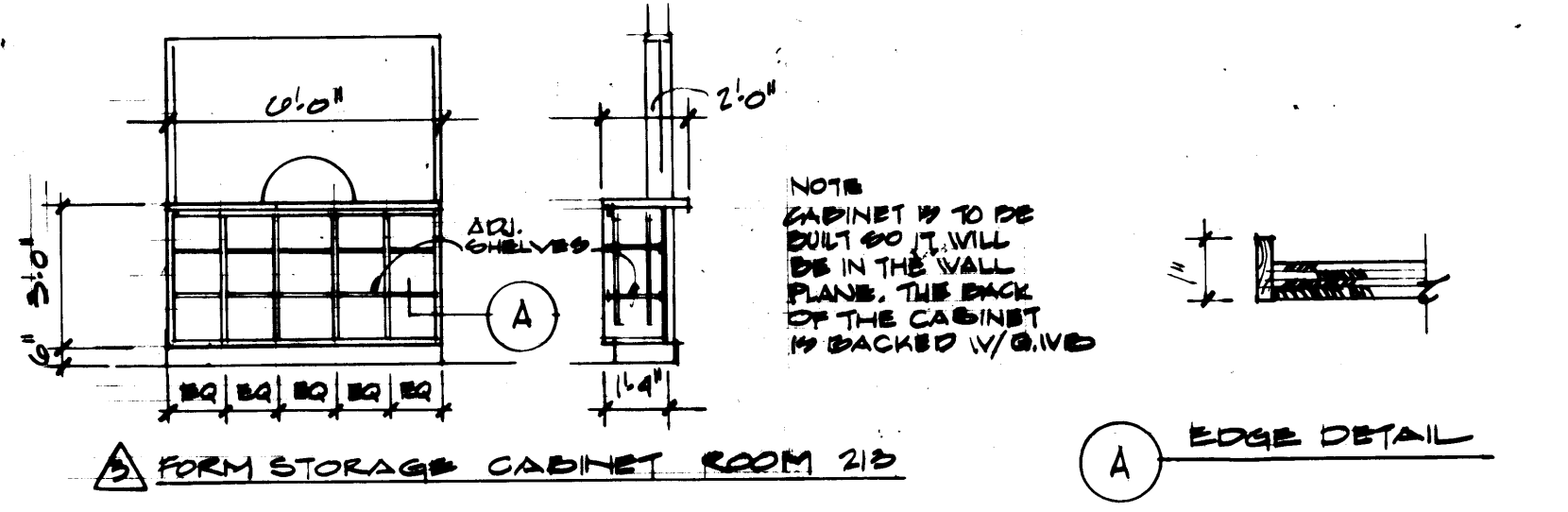
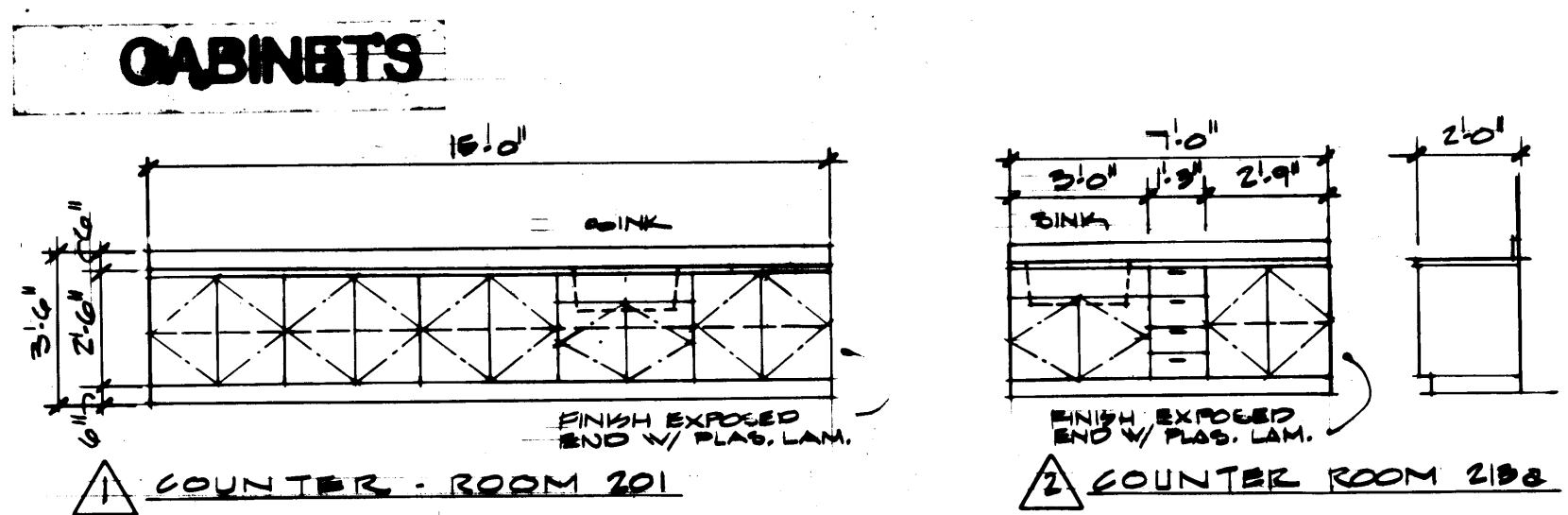
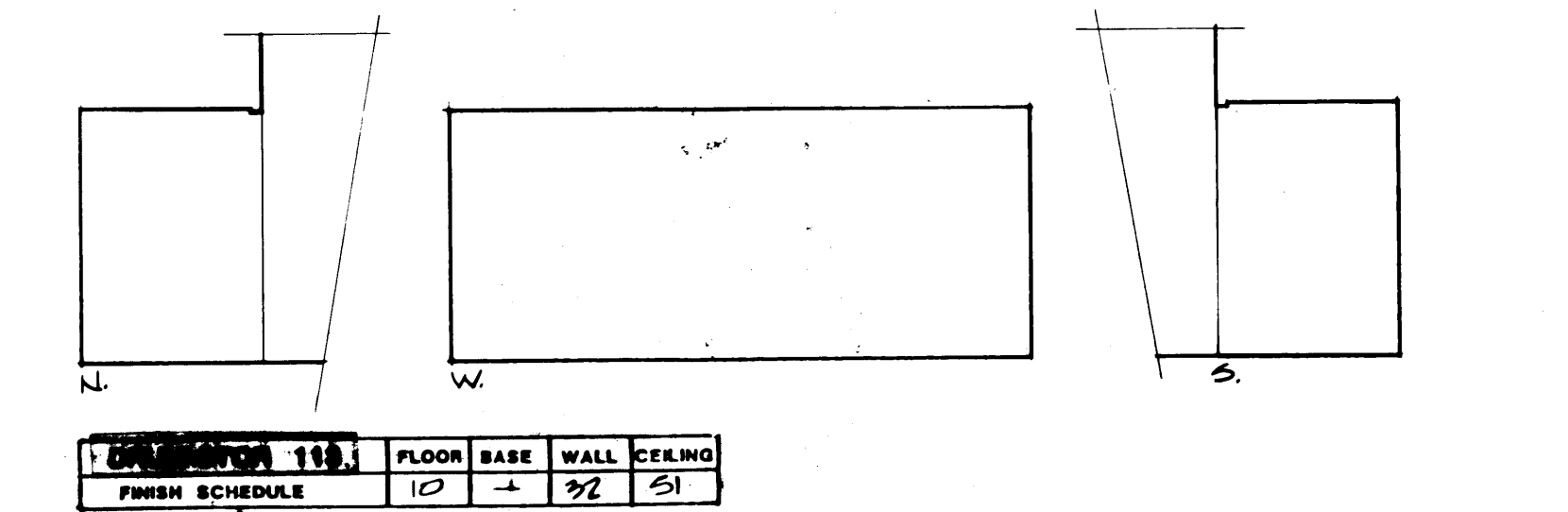
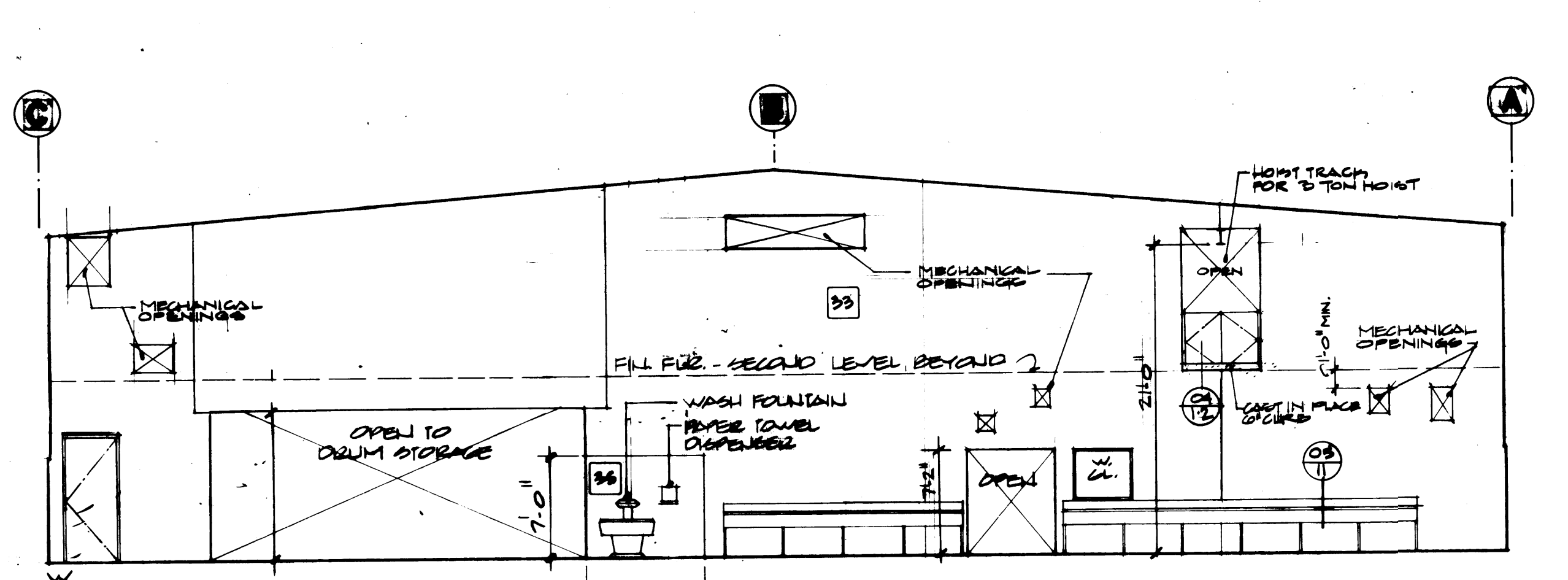
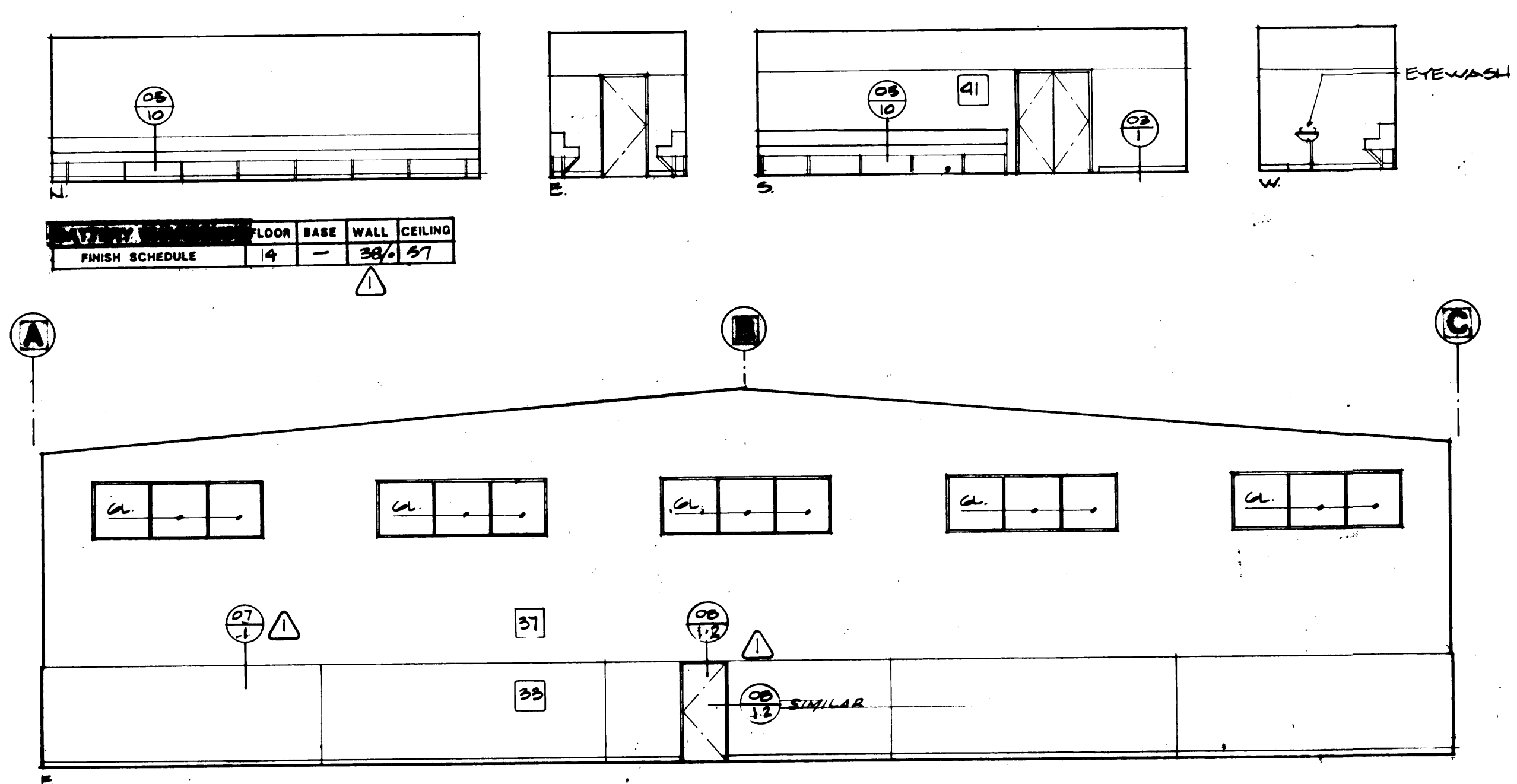
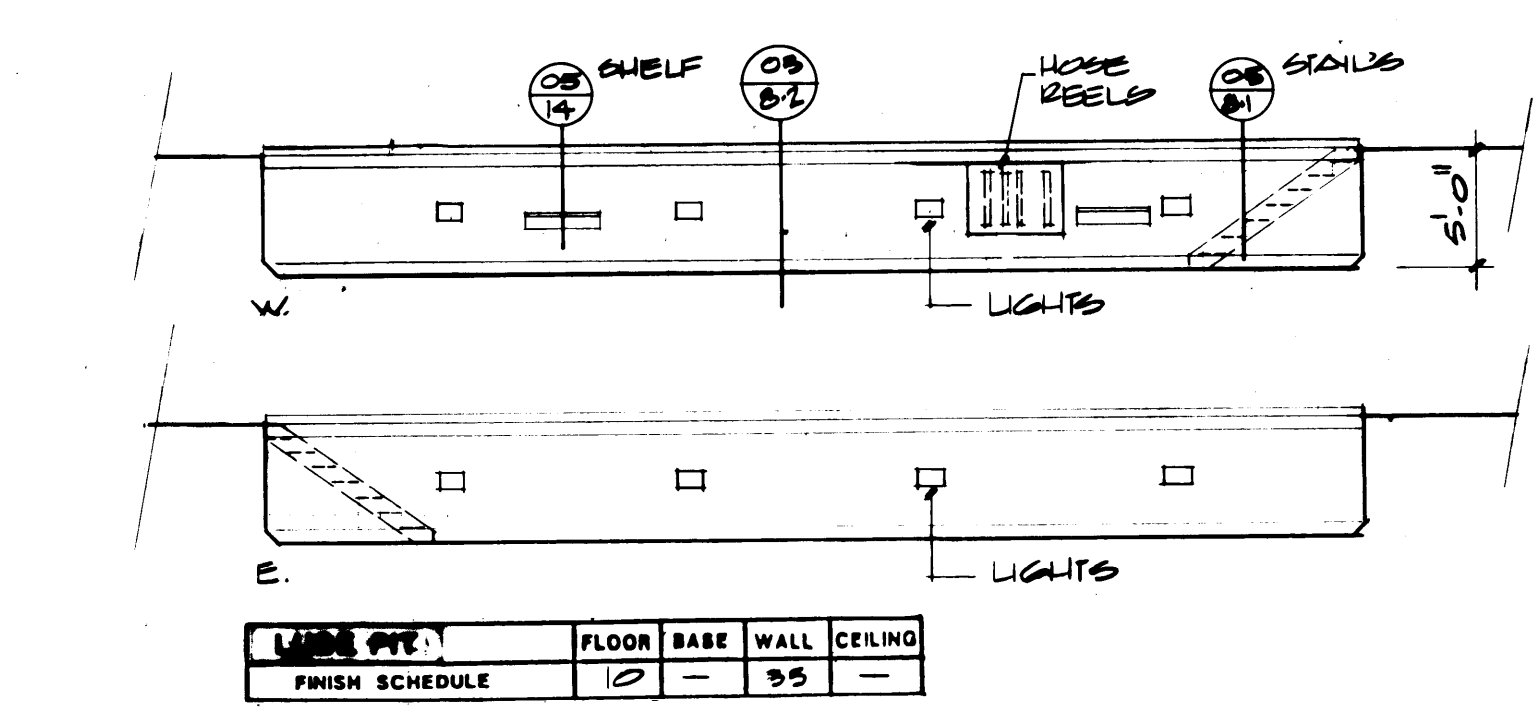
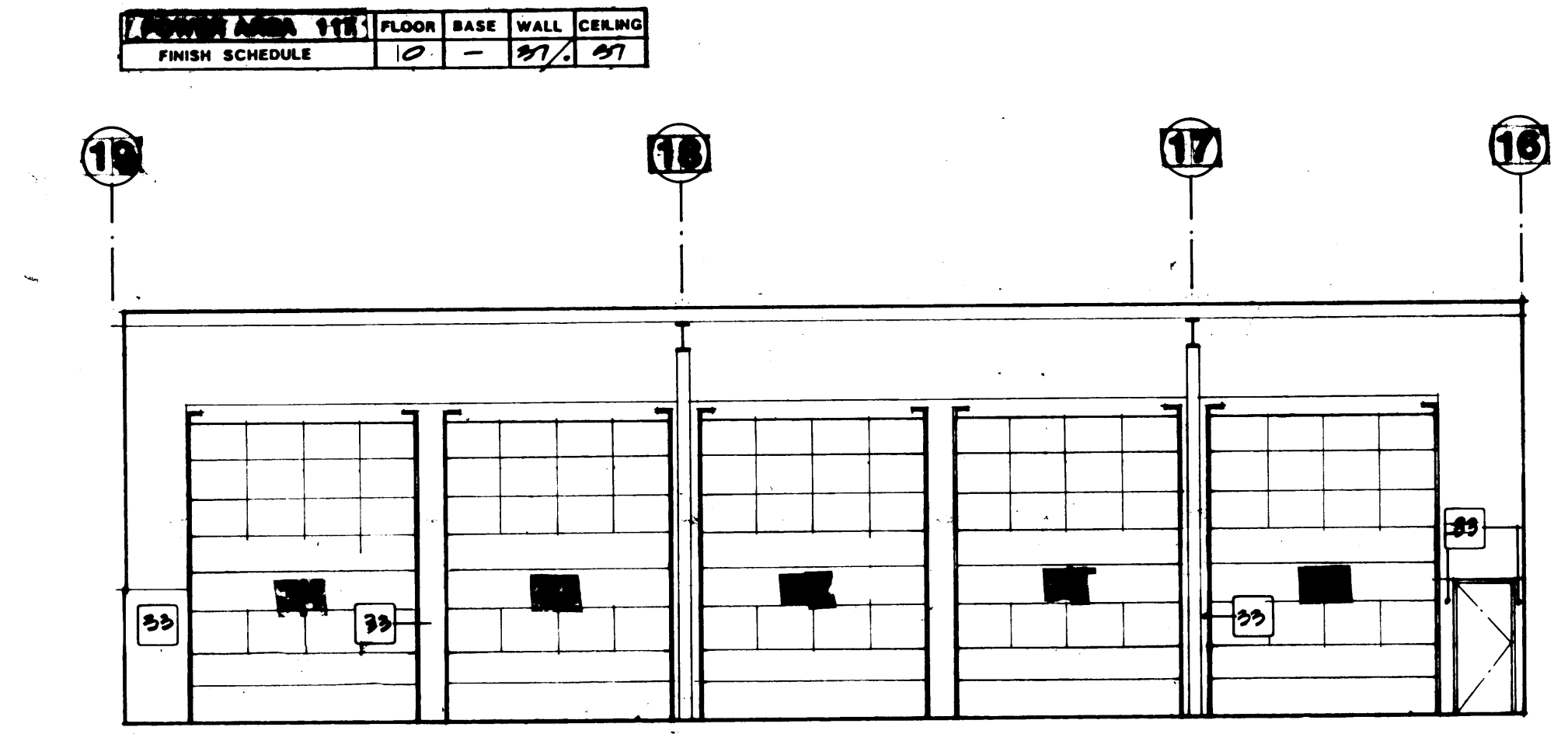
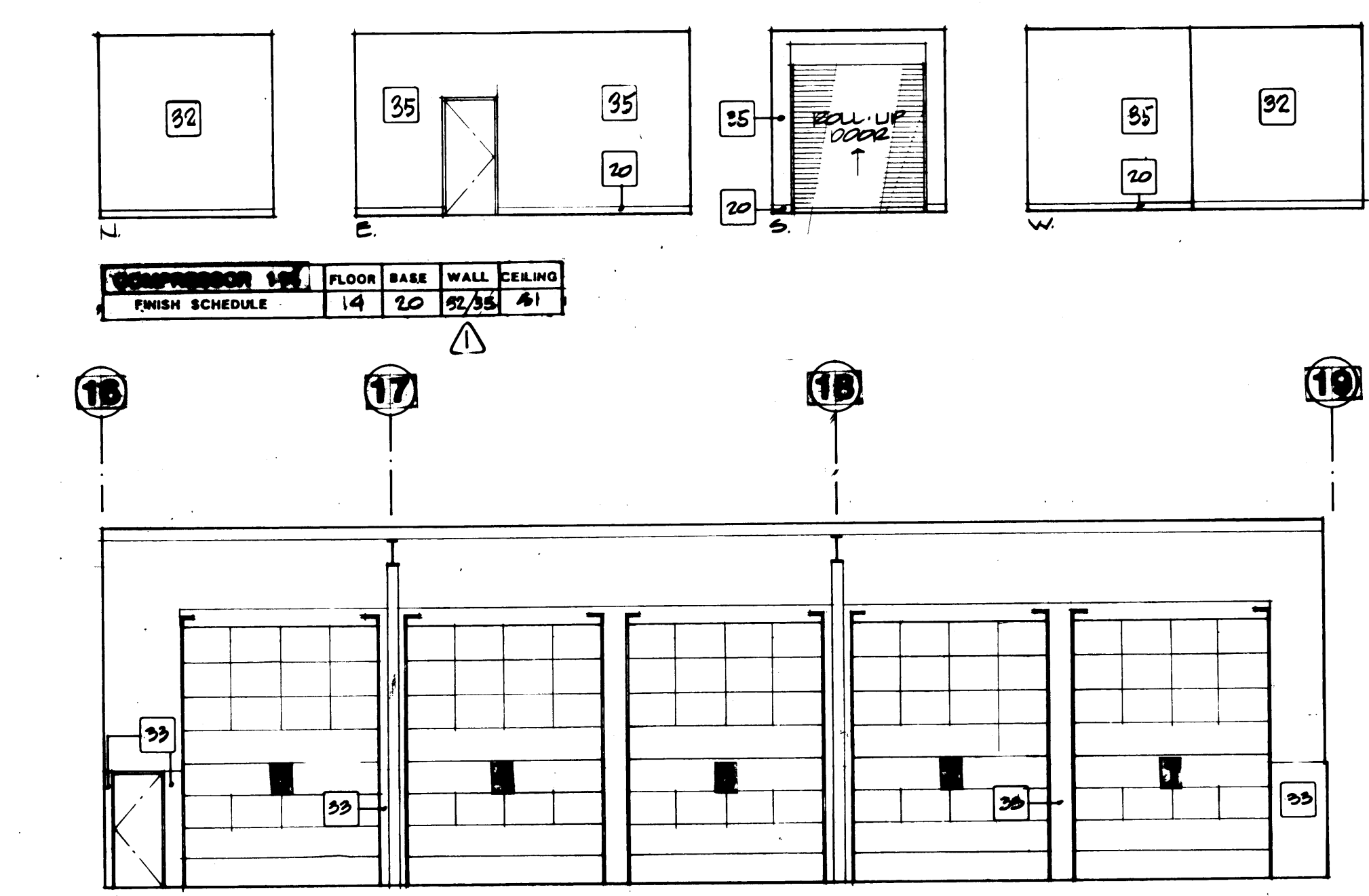
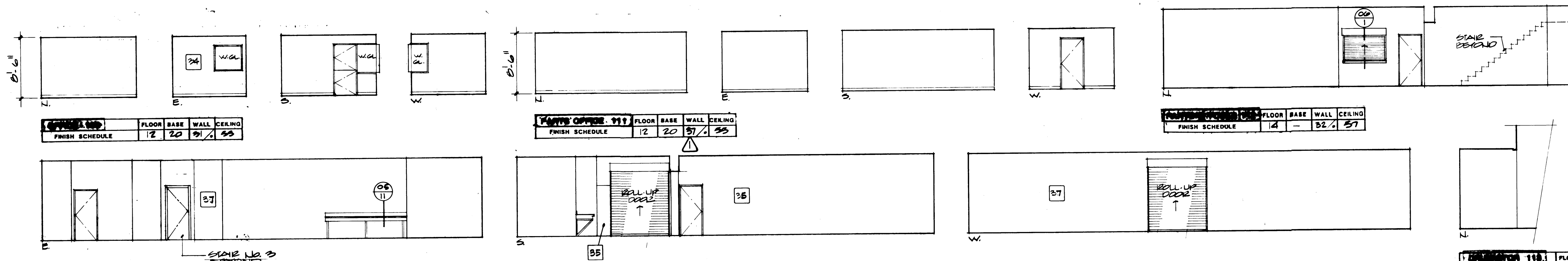
**McGRANAHAN,
MESSENGER
ASSOCIATES**

ARCHITECTURE / PLANNING / INTERIORS
11 8485 300 INCONA WA 98402 • (206) 383 3086

REVISOR TO IS-BUILT	R.J.S	10-14-0
MARK	REVISION	BY APP. DATE

DRAWN LM
DATE 4/24/04
CHECKED _____
DATE _____
CHECKED _____
DATE _____
CONT. NO. 558
FIELD BOOK (S) _____
APPROVED  PROJ
_____ CHE

4/26/69	DRAWING NO. EP-3878-23 8-84-1
DATE	
DATE	SHEET 84-1 OF 1



SCHEDULE OF FINISH MATERIALS

FLOORS

- Concrete Hardener & Sealer
- Concrete - Light Broom Finish
- V.A.T.
- Carpet
- Concrete - Sealer
- Composition Flooring
- Ceramic Tile

BASE

- 4" Rubber Base
- Composition (6" Integral)
- Ceramic Tile

WALLS

- Concrete Block Exposed
- Concrete Block Painted
- Concrete Block Epoxy
- Concrete Exposed
- Concrete Painted
- Concrete Epoxy
- Plastic Laminar
- Gypsum Wallboard Painted
- Gypsum Wallboard Epoxy
- Acoustic Panels
- Ceramic Tile
- Fiberglass Reinforced Panel
- Gypsum Wallboard Vinyl Wall Covering

CEILING

- Structured Painted
- Concrete Deck Exposed
- Concrete Deck Painted
- Gypsum Wallboard Painted/Suspended
- 12x12 Acoustic Panels Over Gypsum Wallboard
- 24x48 Acoustic Panels Suspended
- 12x12 Acoustic/Moisture Resistant Panel Over Gypsum Board
- Exposed Structure/Insulation
- Ceramic Tile

MCGINNAHAN, MESSENGER ASSOCIATES

ARCHITECTURE / PLANNING / INTERIORS

MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 950 FAIRVIEW, SUITE 200, TACOMA, WA 98401 • (206) 385-3034

1995 REGISTERED ARCHITECT
JAMES E. MCGINNAHAN
STATE OF WASHINGTON

2018 REGISTERED ARCHITECT
LYN H. MESSENGER
STATE OF WASHINGTON

DRAWN BY: JLP
DATE: 4/24/84

CHECKED: _____
DATE: _____

CHECKED: _____
DATE: _____

CONT. NO. 552

PORT OF TACOMA

TACOMA TERMINALS, INC.

INTERIOR ELEVATIONS

FIELD BOOK (S)

APPROVED: [Signature]
DATE: 4/26/84

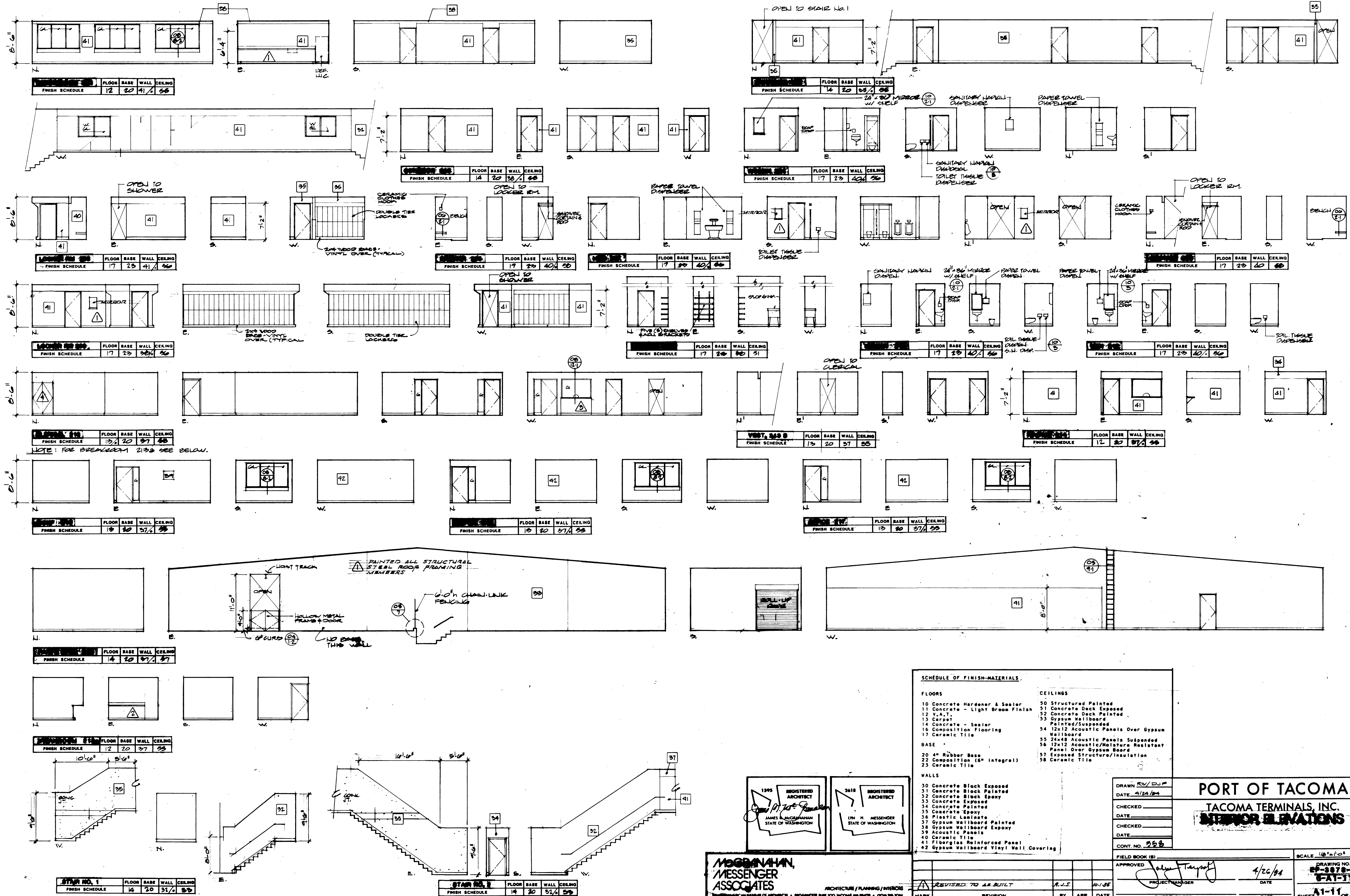
PROJECT MANAGER

CHIEF ENGINEER

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

DRAWING NO. EP-2878-34
CAT-10

SHEET 11-10 OF 34

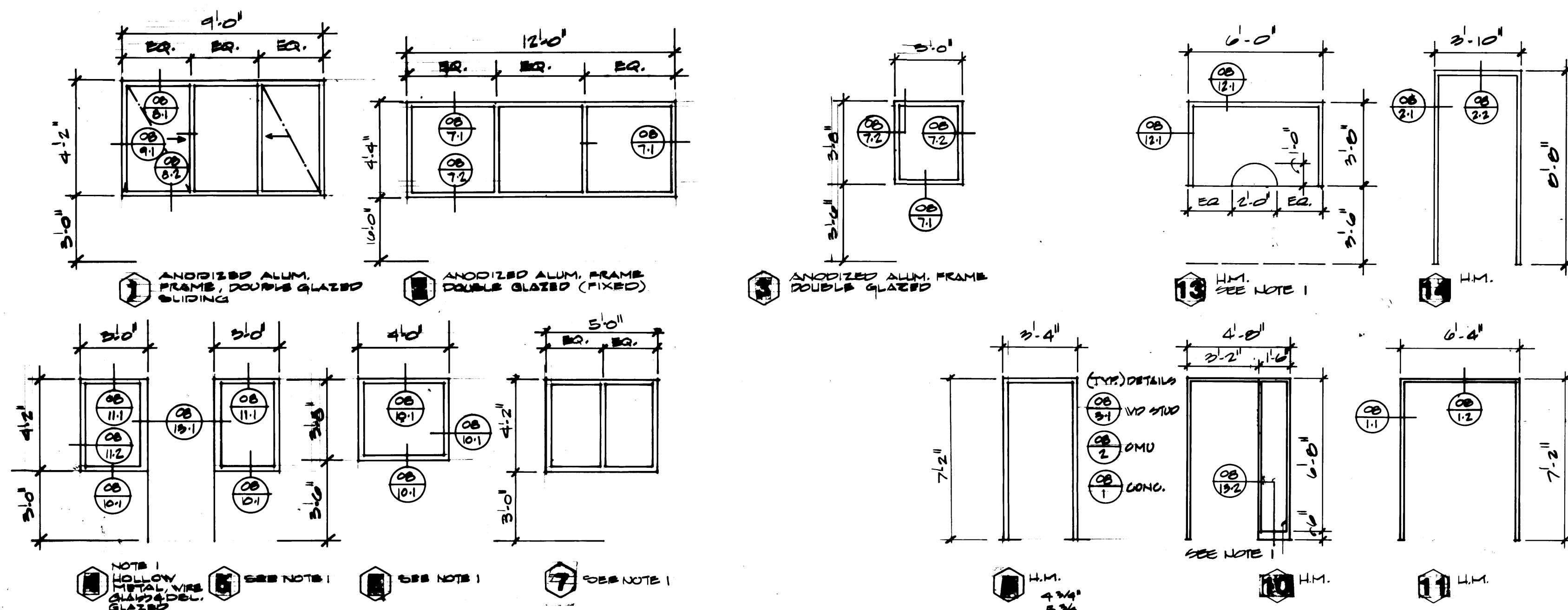


SCHEDULE OF FINISH-MATERIALS	
FLOORS	CEILINGS
10 Concrete Hardener & Sealer	50 Structured Painted
11 Concrete - Light Broom Finish	51 Concrete Deck Exposed
12 Y.A.T. Concrete Deck Painted	52 Concrete Deck Painted
13 Carpet	53 Gypsum Wallboard
14 Concrete - Sealer	54 Painted/Suspended
16 Composition Flooring	54 12x12 Acoustic Panels Over Gypsum
17 Ceramic Tile	Wallboard
BASE	55 24x48 Acoustic Panels Suspended
20 4" Rubber Base	56 12x12 Acoustic/Moisture Resistant
22 Composition (6" Integral)	Panel Over Gypsum Board
23 Ceramic Tile	57 Exposed Structure/Insulation
WALLS	58 Ceramic Tile
30 Concrete Block Exposed	
31 Concrete Block Painted	
32 Concrete Block Epoxy	
33 Concrete Exposed	
34 Concrete Painted	
35 Concrete Epoxy	
36 Plastic Laminate	
37 Gypsum Wallboard Painted	
38 Gypsum Wallboard Epoxy	
39 Acoustic Panels	
40 Ceramic Tile	
41 Fiberglass Reinforced Panel	
42 Gypsum Wallboard Vinyl Wall Covering	

PORT OF TACOMA	
TACOMA TERMINALS, INC.	
INTERIOR ELEVATIONS	
DRAWN BY D.J.P.	DATE 4/24/04
CHECKED	DATE
CHECKED	DATE
CHECKED	DATE
CONT. NO. 252	FIELD BOOK (S)
APPROVED	DATE 4/26/04
PROJECT MANAGER	DATE
CHEF/ENGINEER	DATE
DRAWING NO. 91-3878-23	SCALE 1/8" = 1'-0"
CAT-11	SHEET A1-11 OF 14

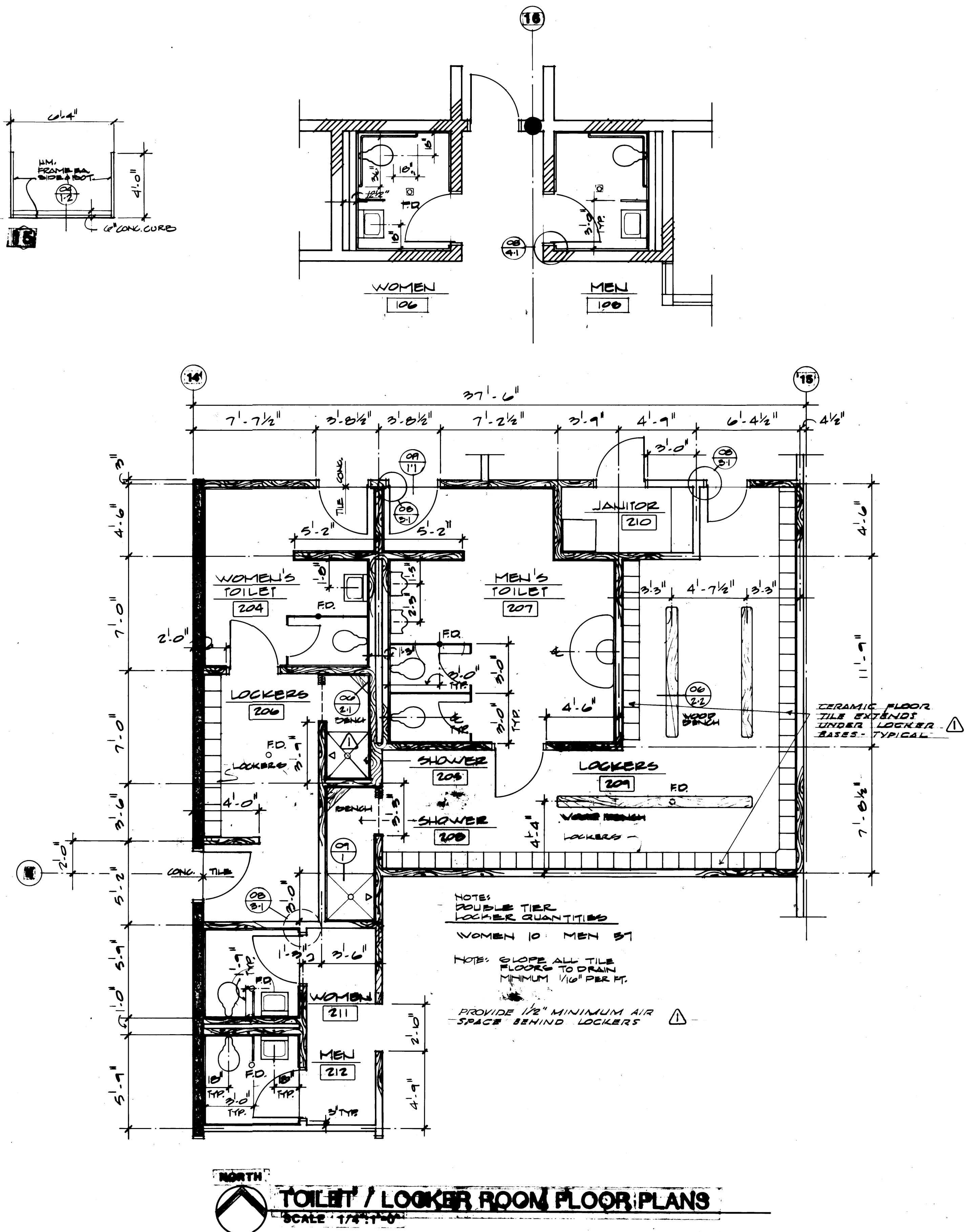
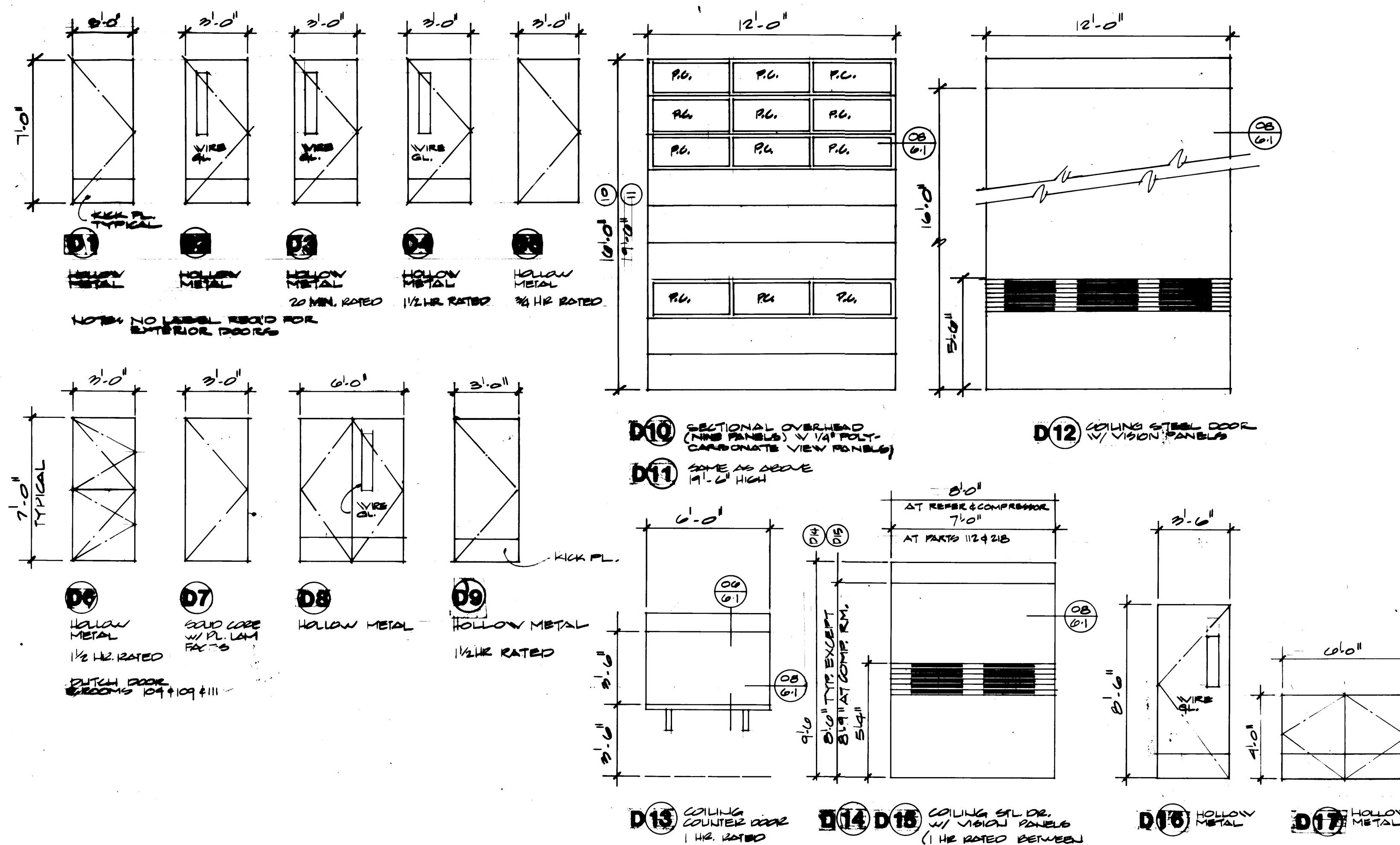
WINDOW / FRAME TYPES

SCALE 1/4" = 1'-0"



DOOR TYPES

SCALE 1/4" = 1'-0"



McGRANAHAN,
MESSENGER
ASSOCIATES

ARCHITECTURE / PLANNING / INTERIORS

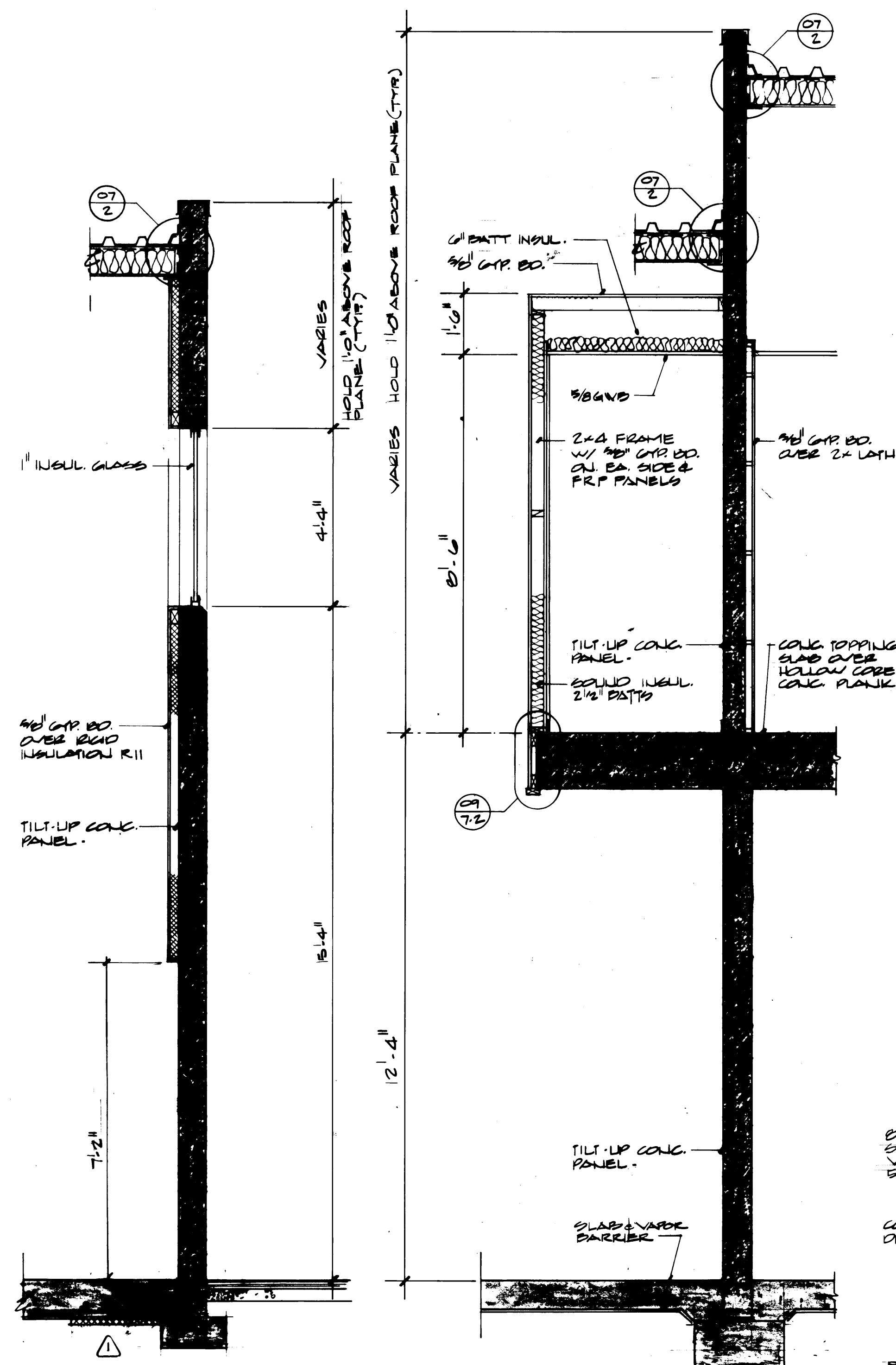
REVISION BY APP. DATE

DRAWN: R.V./D.M.
DATE: 1/24/84
CHECKED:
DATE:
CHECKED:
DATE:
CONT. NO. 555

PORT OF TACOMA
TACOMA TERMINALS, INC.
TOILETS / LOCKERS
DOOR, WINDOW &
FRAME TYPES

APPROVED: [Signature]
DATE: 1/26/84
PROJECT MANAGER
CHIEF ENGINEER

DRAWING NO. TP-2878-23
SHEET 11 OF 11

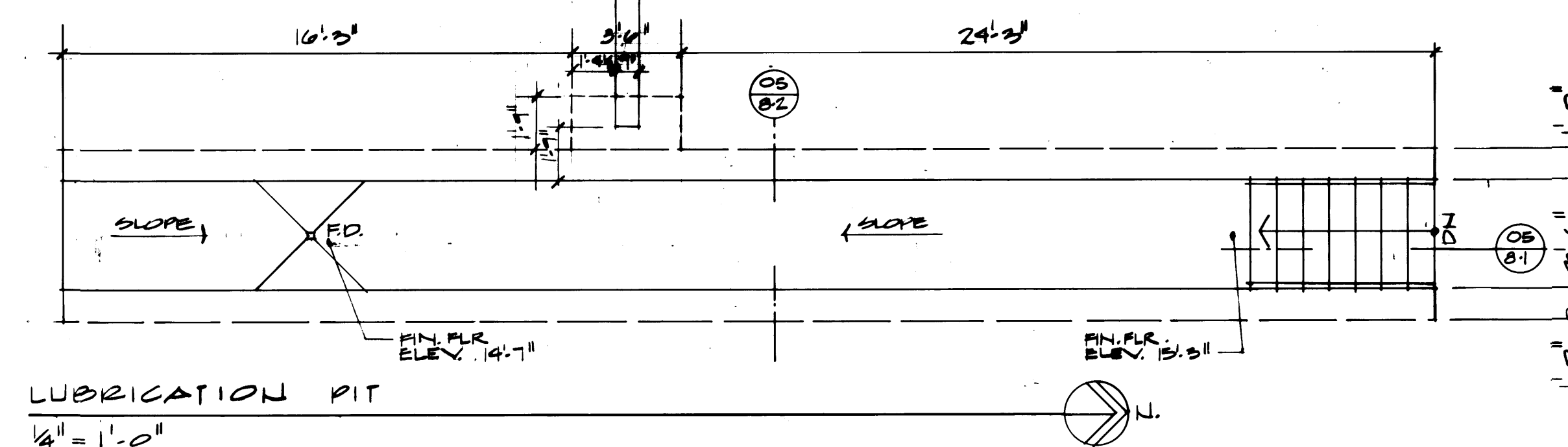
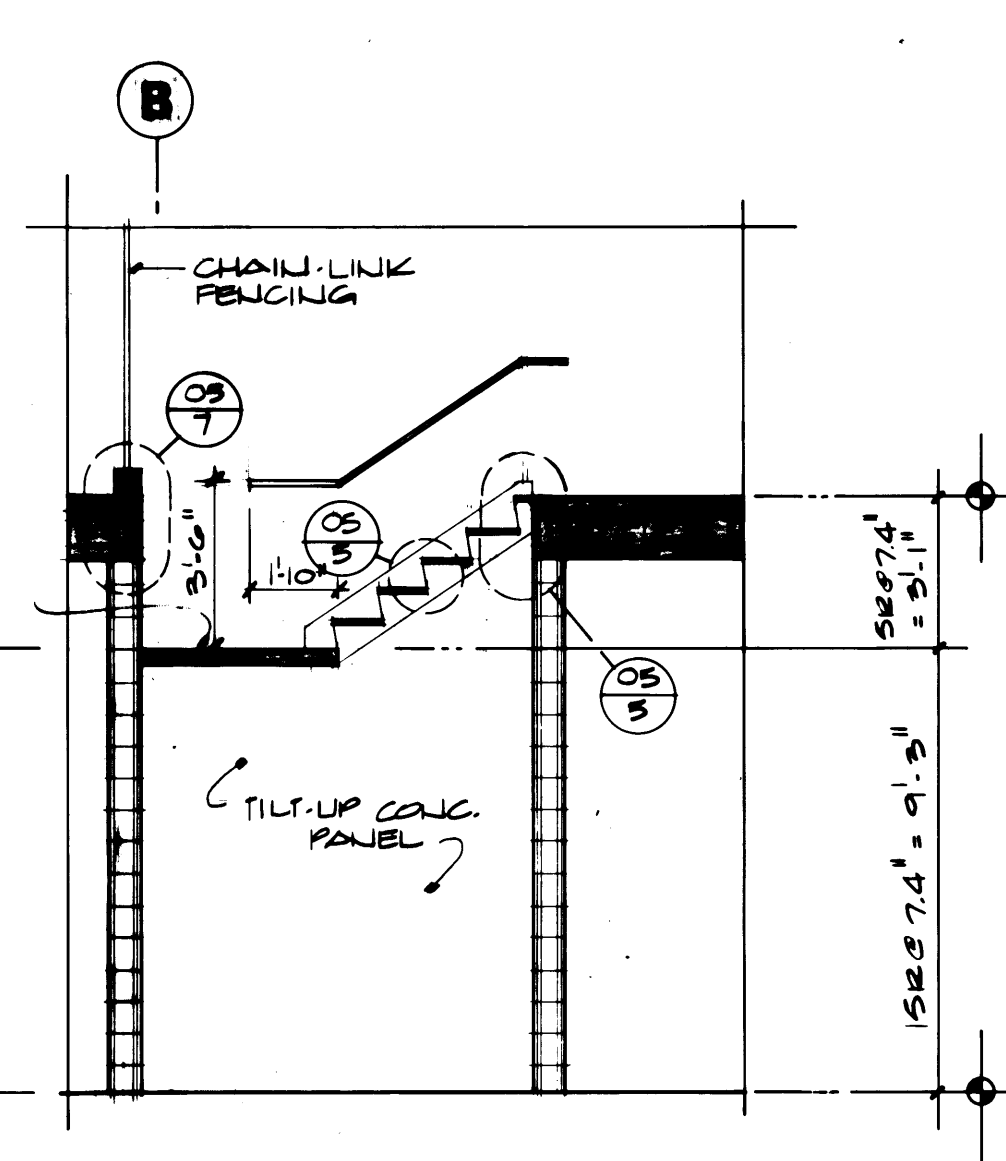
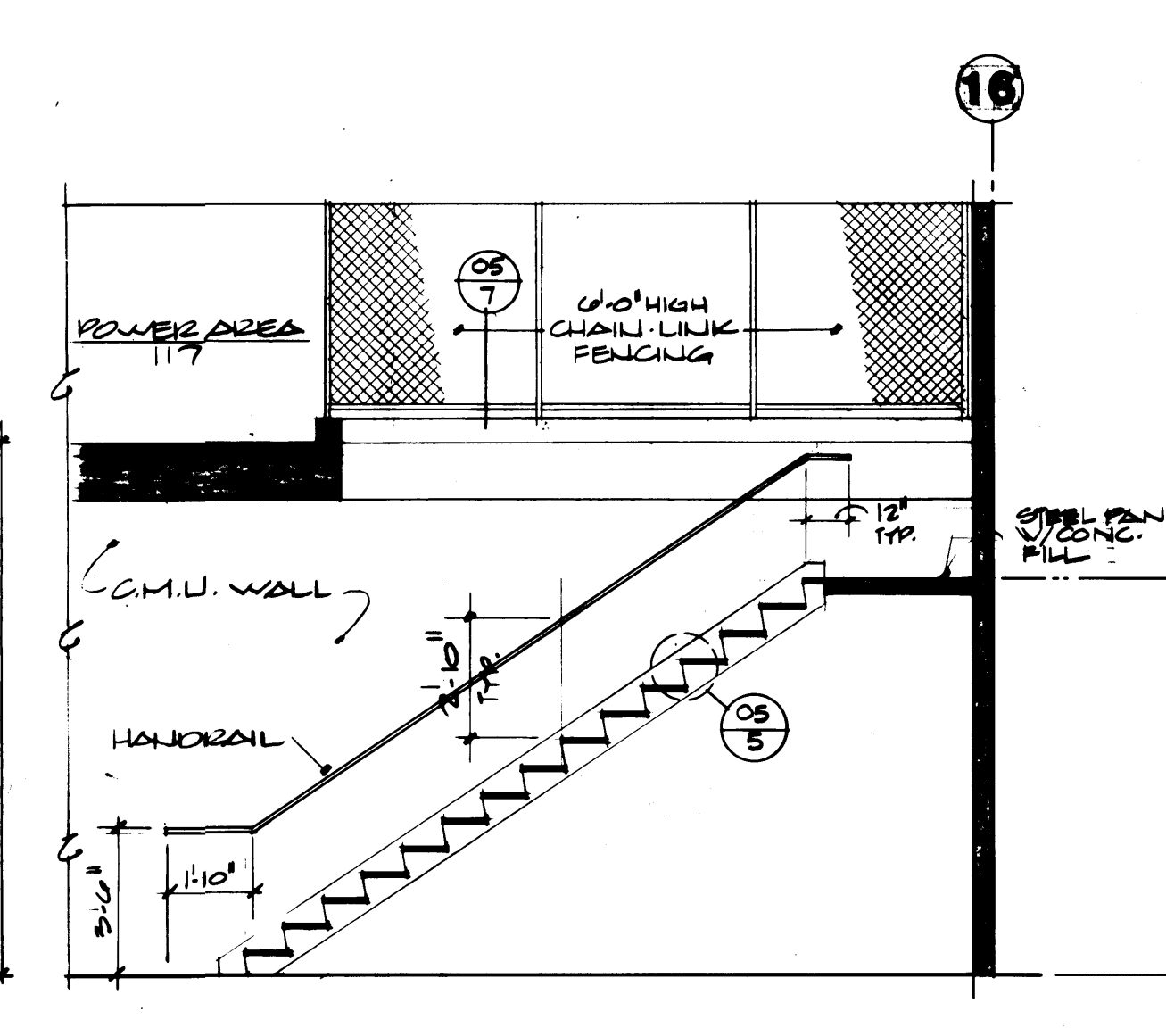
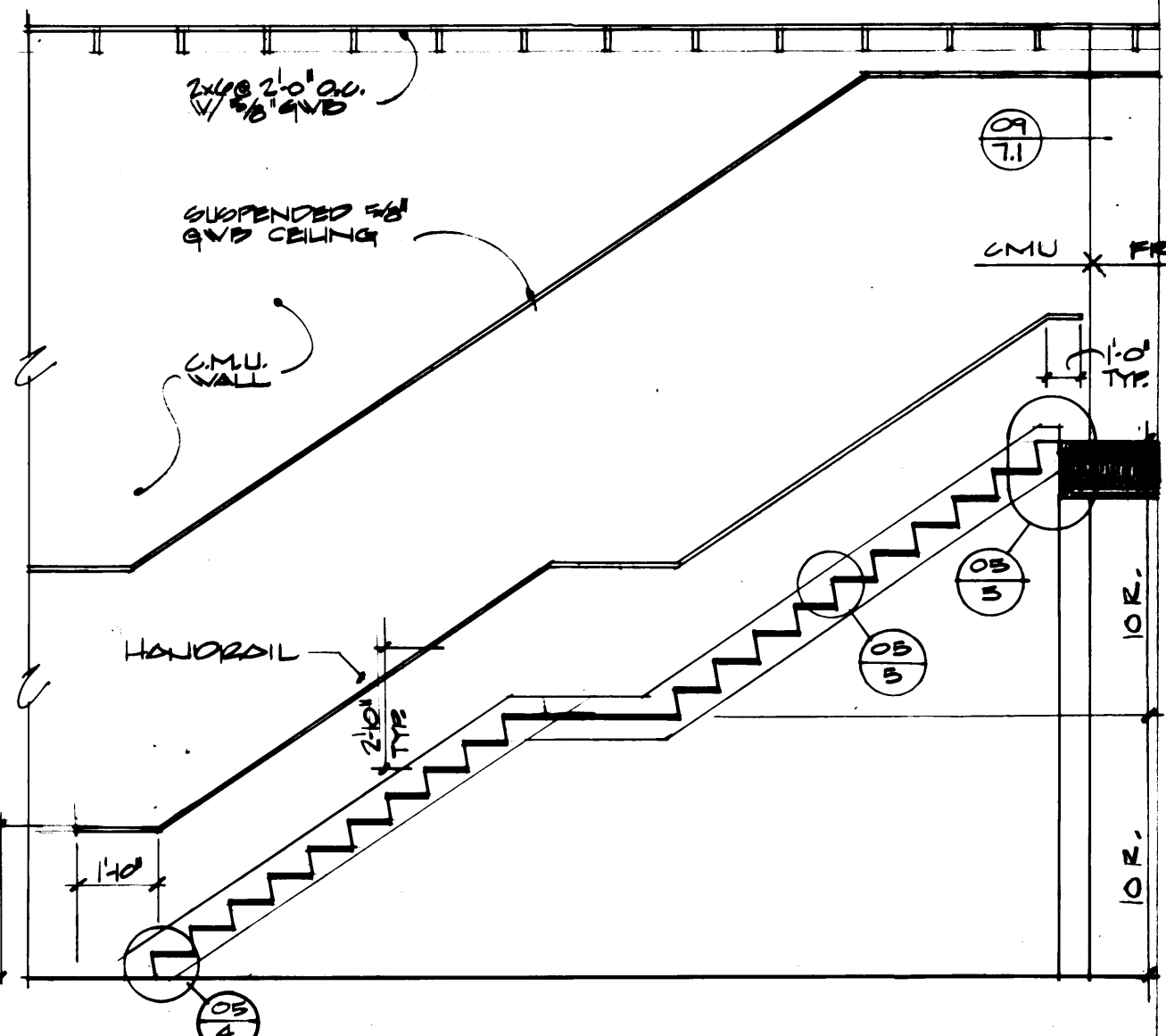
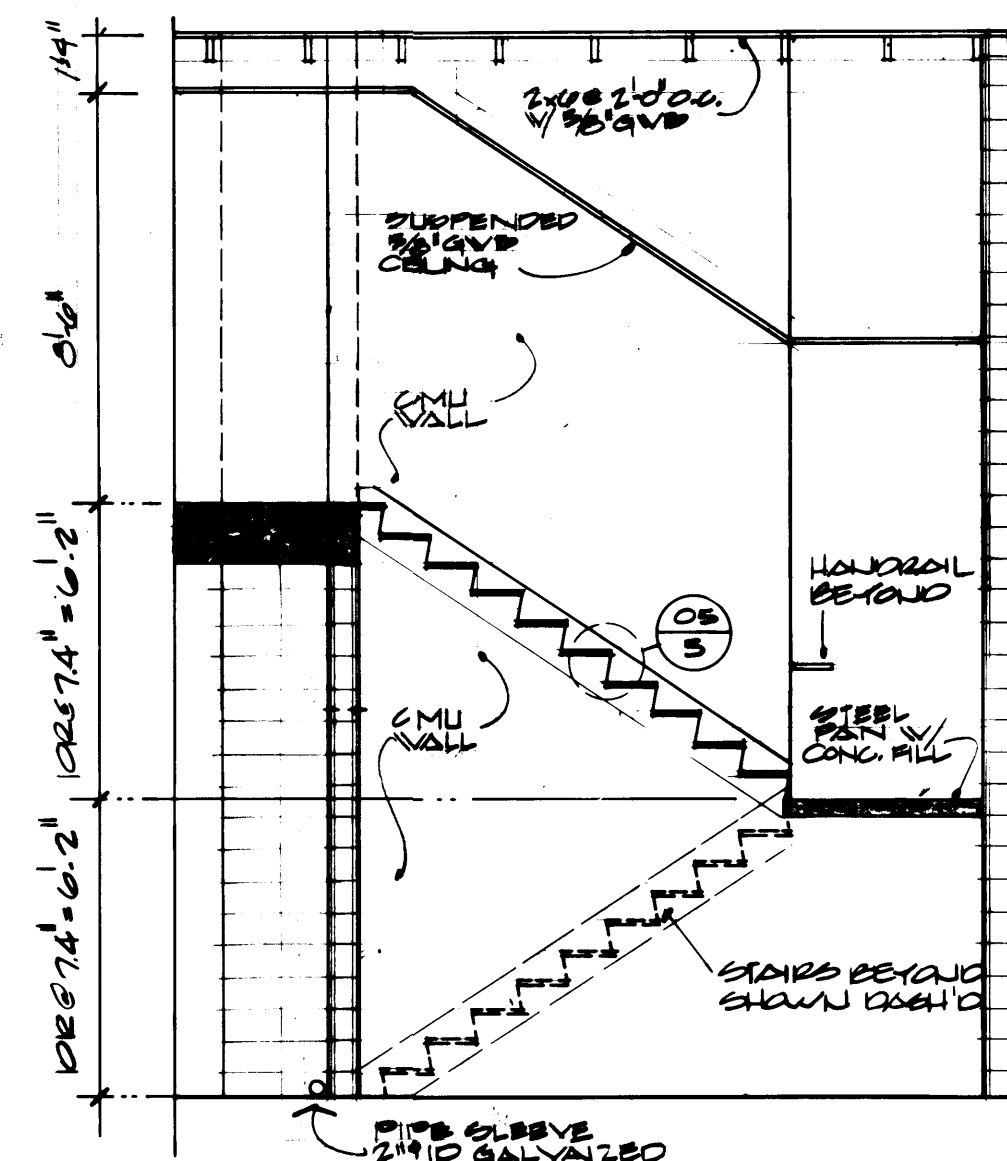
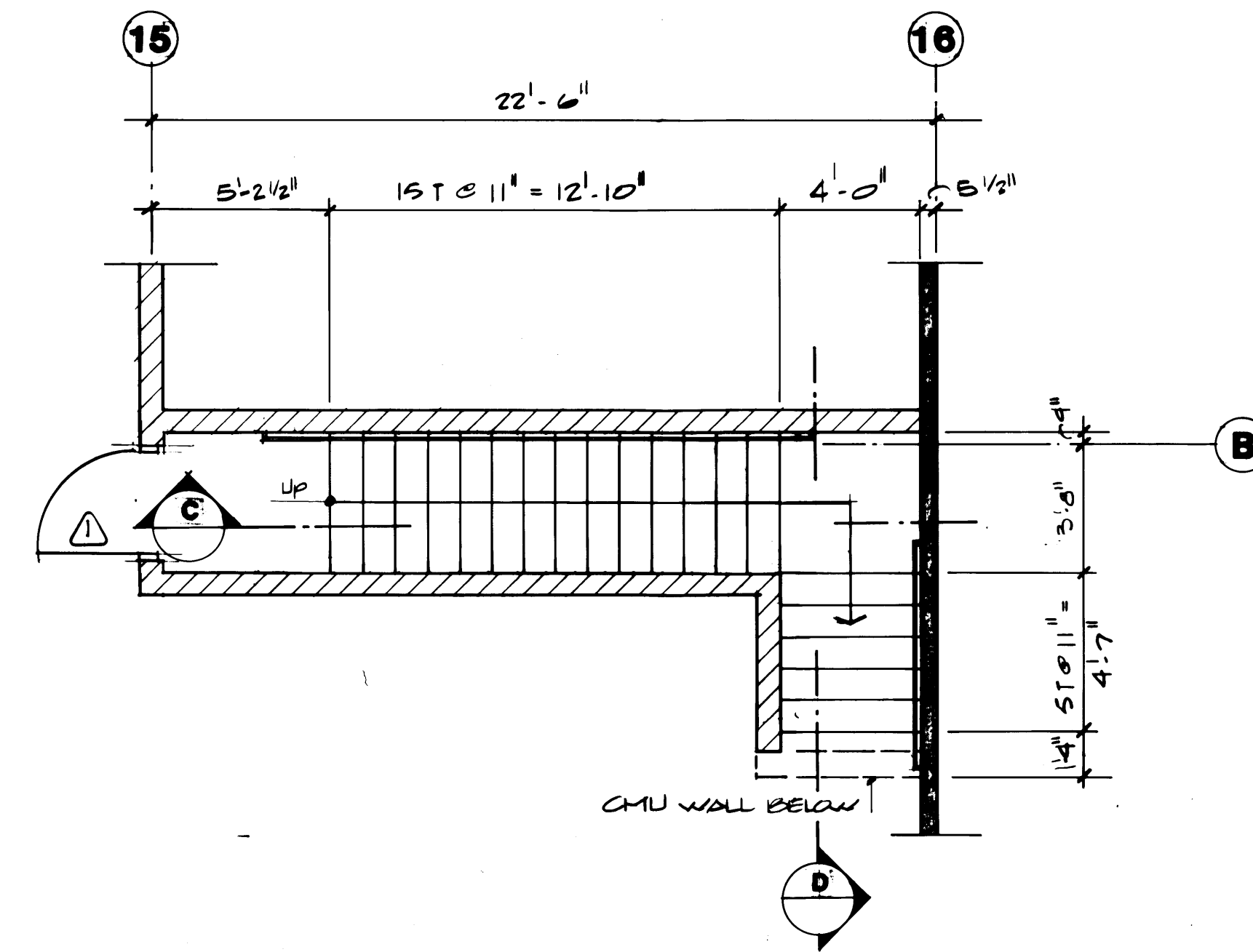
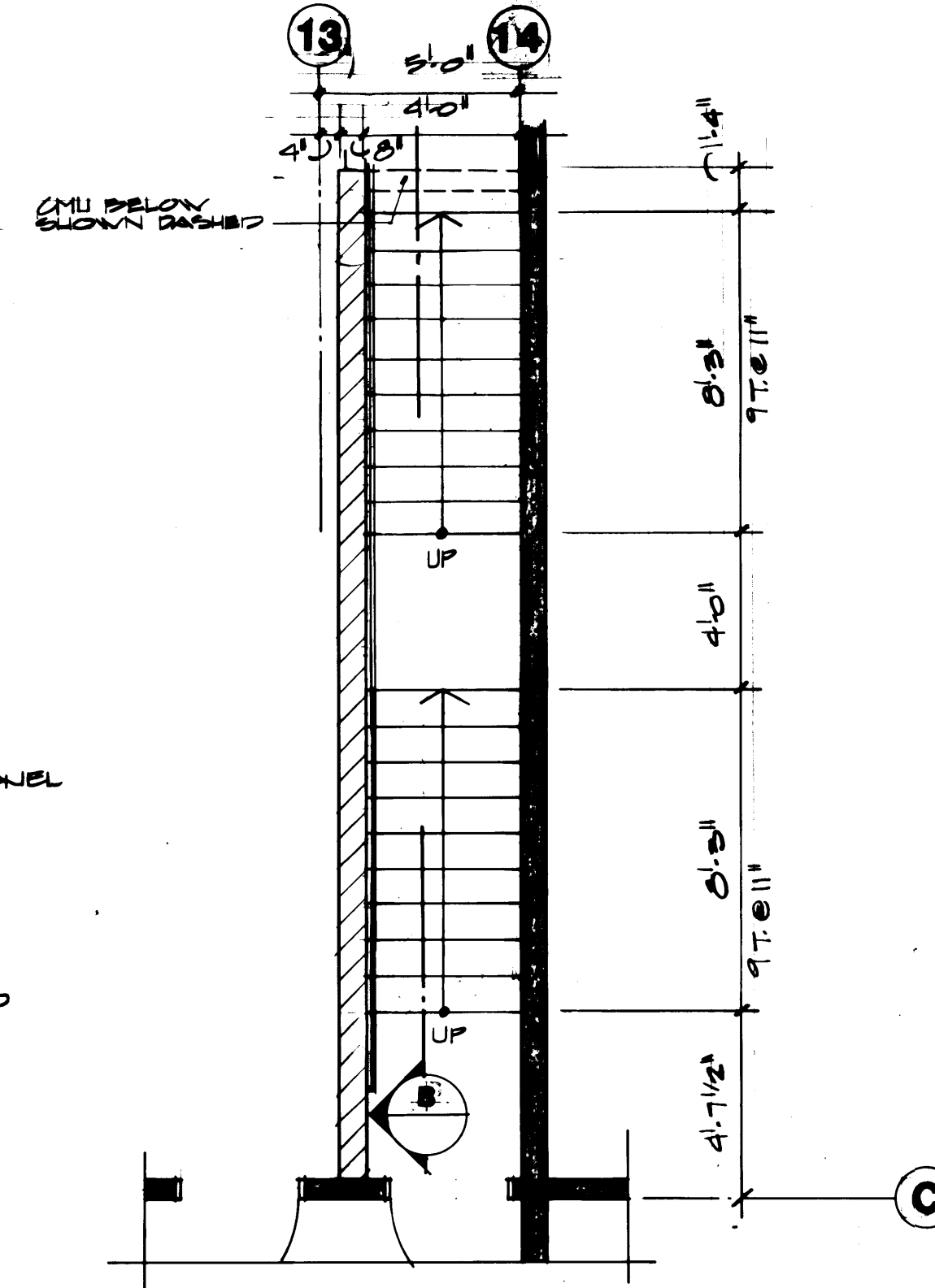
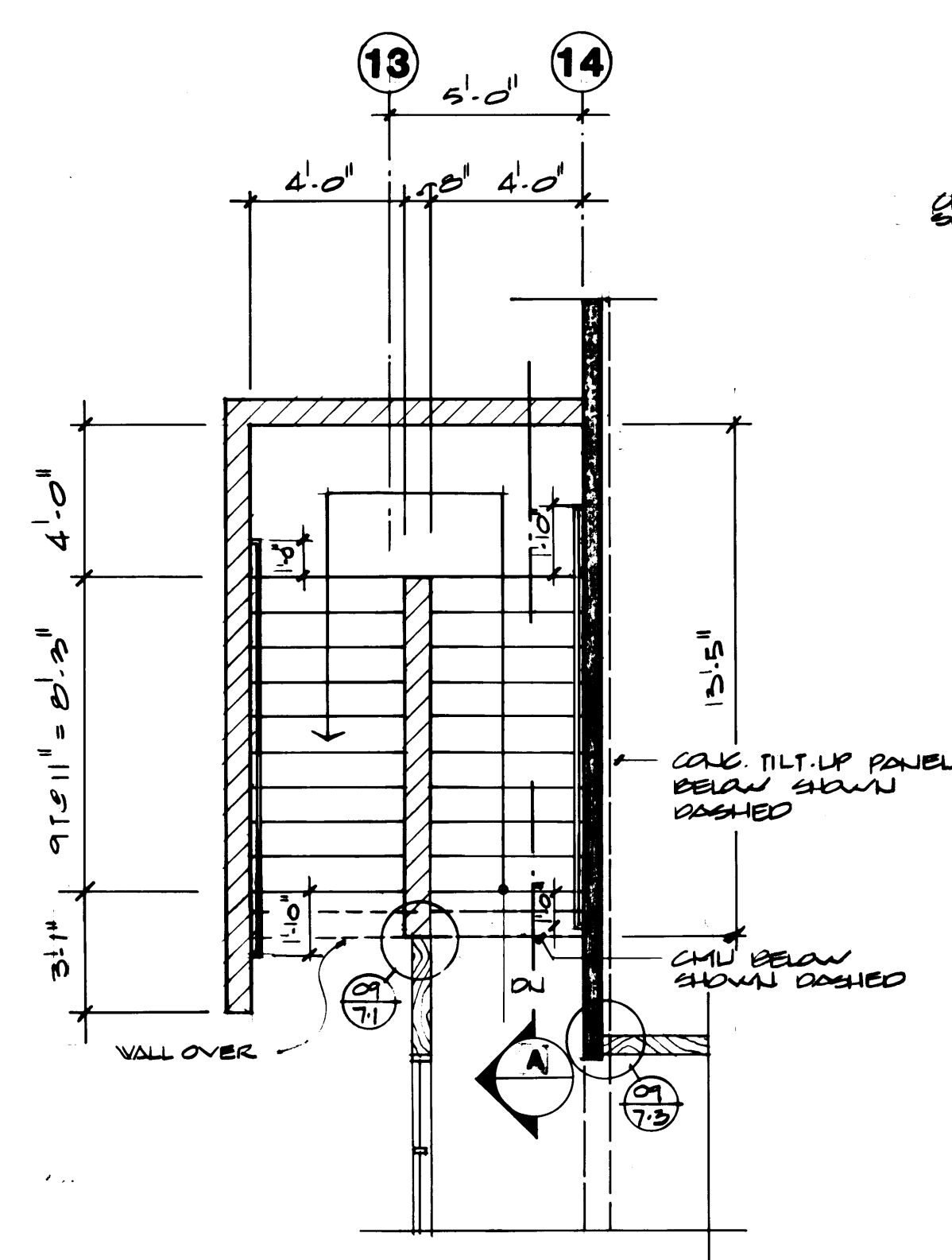
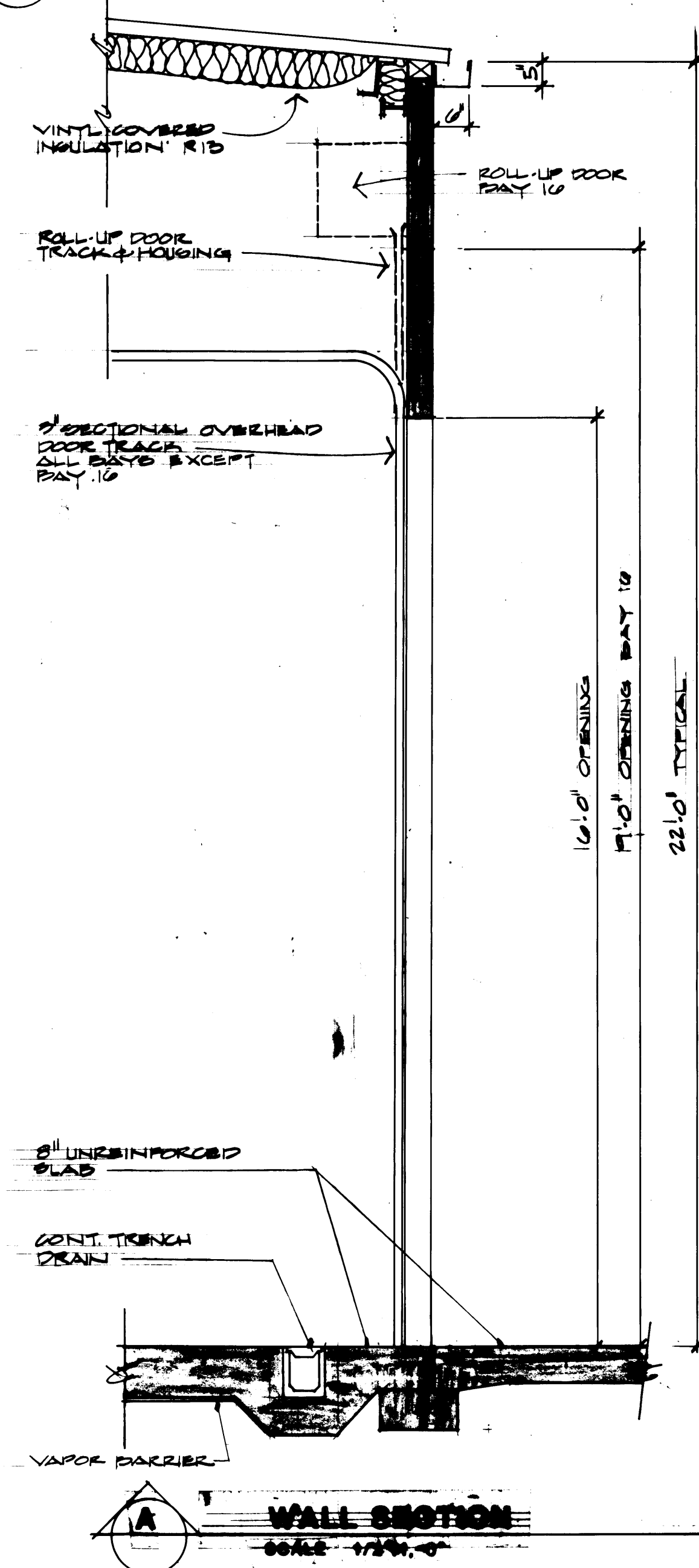
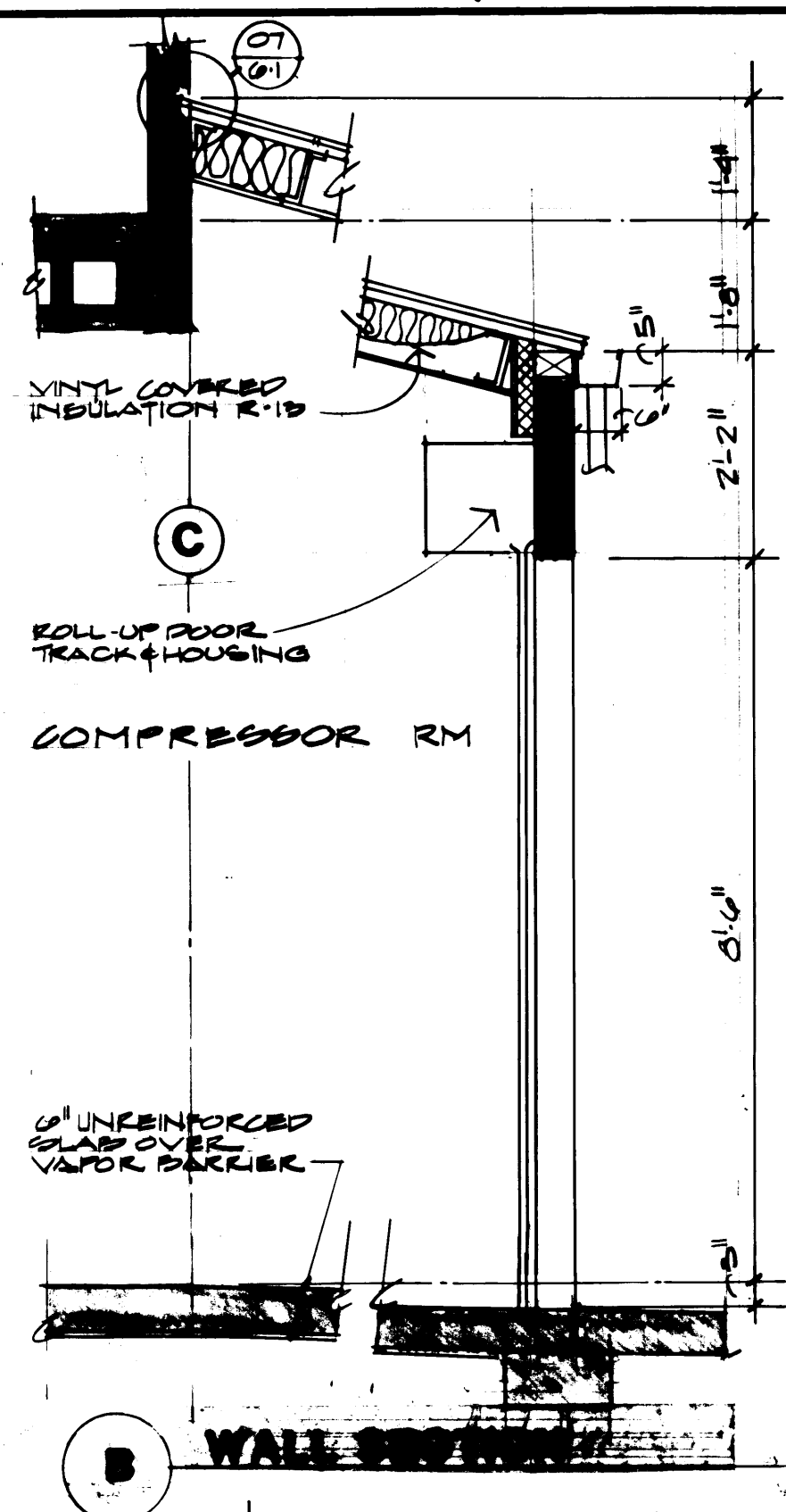


Architectural section drawing of a wall assembly. The drawing shows a vertical cross-section of a wall with various layers and components labeled. Key features include:

- Top Section:** A circular detail labeled "07 2" showing a cross-section of a roof or ceiling edge with insulation and a concrete slab.
- Insulation:** "BATT INSUL." is shown in the upper left corner. "3/8 GWS" (Glass Wool) is indicated in the middle section.
- Framing:** A "2x4 FRAME w/ 1/2\" GWS DO. ON EA. SIDE & FRP PANELS" is shown in the center.
- Concrete Panels:** "TILT-UP CONG. PANEL" is labeled on both the left and right sides of the central frame.
- Slab and Vapor Barrier:** "SLAB & VAPOR BARRIER" is shown at the bottom of the wall assembly.
- Other Labels:** "1/2\" GWS DO. OVER 2x LATH" is shown on the right side. "CONG. TOPPING SLAB OVER HOLLOW CORE CONG. PLANK" is shown at the bottom right. "2x4" is labeled on the left side of the frame.
- Dimensions:** A vertical dimension line on the left indicates a height of "7' 2\".

[illegible][illegible]

FIELD BOOK (S)		SCALE
APPROVED	DATE	DRAWING NO.
<i>John T. Taylor</i>	4/26/84	HP-3876-00
PROJECT MANAGER	DATE	5-1-1-1
SUB-ENGINEER	DATE	A1-11
		SHEET 11



1595 REGISTERED ARCHITECT JAMES R. MCGRAHAM STATE OF WASHINGTON		2418 REGISTERED ARCHITECT LYNN H. MESSENGER STATE OF WASHINGTON	
PORT OF TACOMA TACOMA TERMINALS, INC. STAIR PLANS & SECTIONS			
DRAWN: SV/CJP DATE: 4/24/84 CHECKED: _____ DATE: _____ CHECKED: _____ DATE: _____ CONT. NO. 582		FIELD BOOK (S) APPROVED: <i>[Signature]</i> 4/26/84 PROJECT MANAGER: _____ CHIEF ENGINEER: _____	
REVISIONS 1. REVISED TO AS-BUILT BY: A.J.S. DATE: 10/1/88		SCALE: 1/2" = 1'-0" DRAWING NO. 10-10-88 SHEET 11-10	

MCGRAHAM, MESSENGER ASSOCIATES
 ARCHITECTURE / PLANNING / INTERIORS
 MEMBER AMERICAN INSTITUTE OF ARCHITECTS • 1101 AVENUE C, SUITE 300, TACOMA, WA 98402 • (206) 383-3000