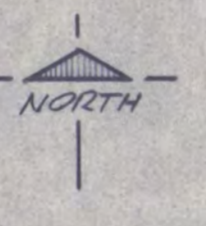


NOTES:

- ELEV. TOP OF STL. BMS. = $115'8''$ UNLESS NOTED (H) OR (C) FROM THIS ELEV.
- FOR SLABING BMS. ELEV. INDICATED (H) OR (C) AT EACH END.
- ROOF DECK TO BE $1/2''$ -22GA. INTERMEDIATE OR WIDE RIB METAL DECK.

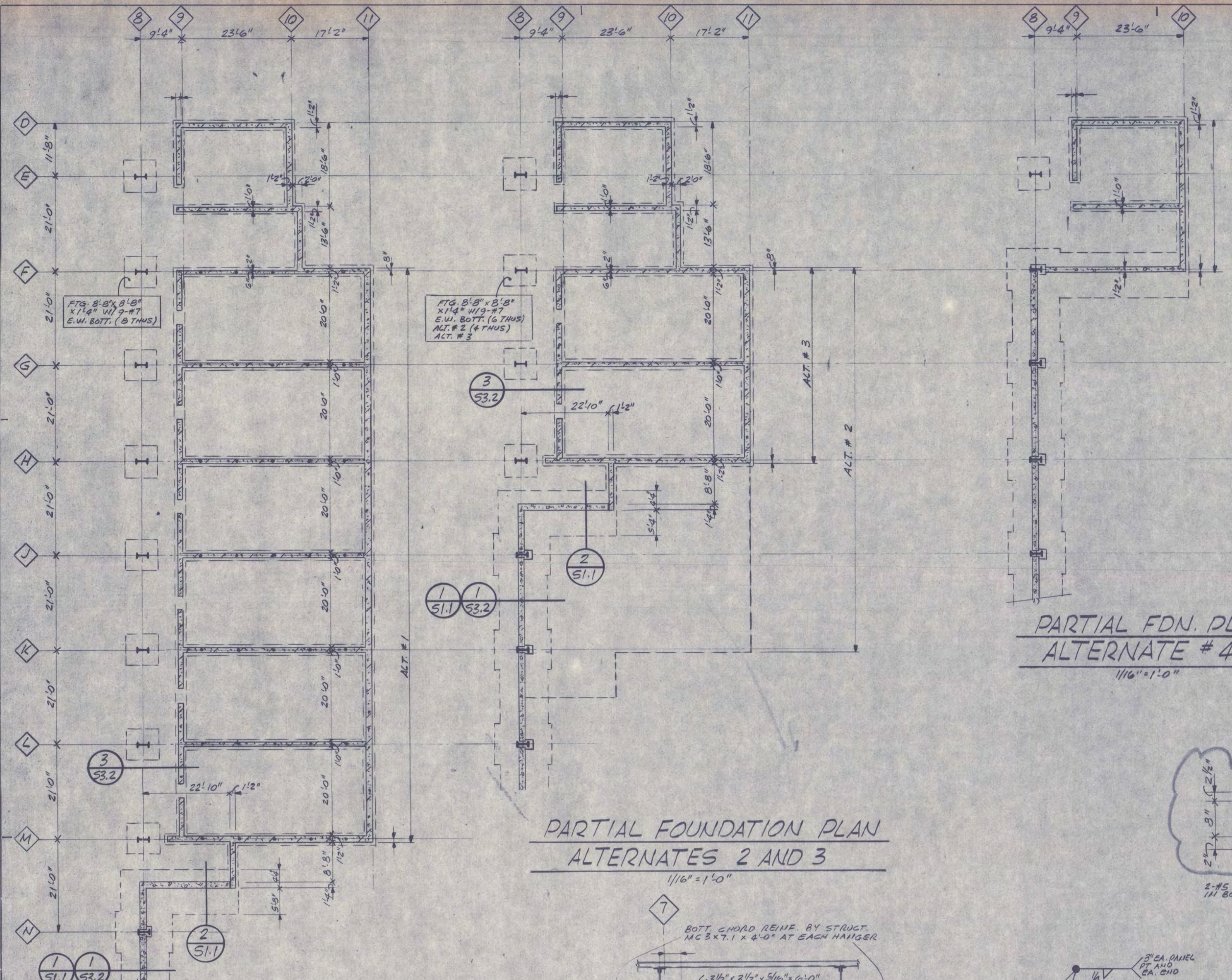


PHASE TWO work indicated thus. All other information is Phase One, under construction, and is for reference only. Coordinate all PHASE TWO activity with Donlar Corp., Phase One General Contractor.

507-645-4461 612-336-8679

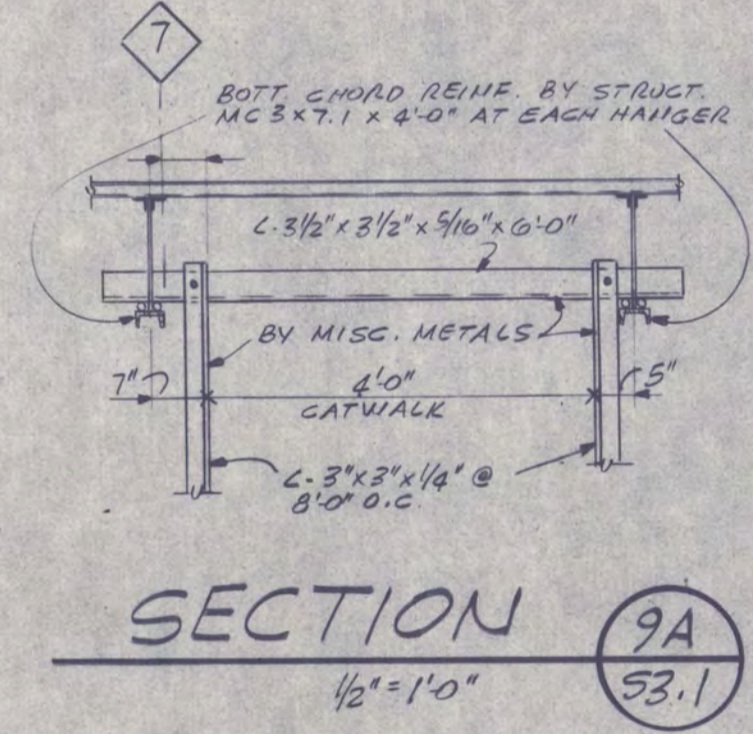
507-645-4461 612-336-8679

Sövik Mathre Sathrum Quanbeck Architects Planners 205 South Water Street Box 390 Northfield Minnesota 55057
Phase Two
 Structural Engineers
 Meyer Borgman Johnson
 810 Plymouth Building
 Minneapolis Minnesota 55402
Halenbeck Hall Addition
 St. Cloud State University
 St. Cloud Minnesota
 Job 1125 Checked J.R.B. Date 3/11/74
 Drawn H.C.



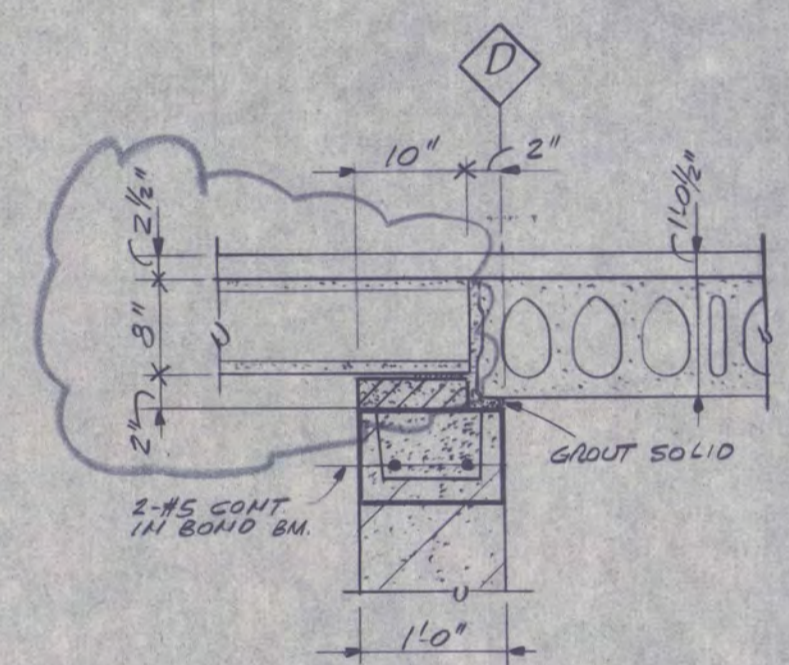
PARTIAL FOUNDATION PLAN ALTERNATES 2 AND 3
1/16" = 1'-0"

PARTIAL FOUNDATION PLAN ALTERNATE # 1
1/16" = 1'-0"



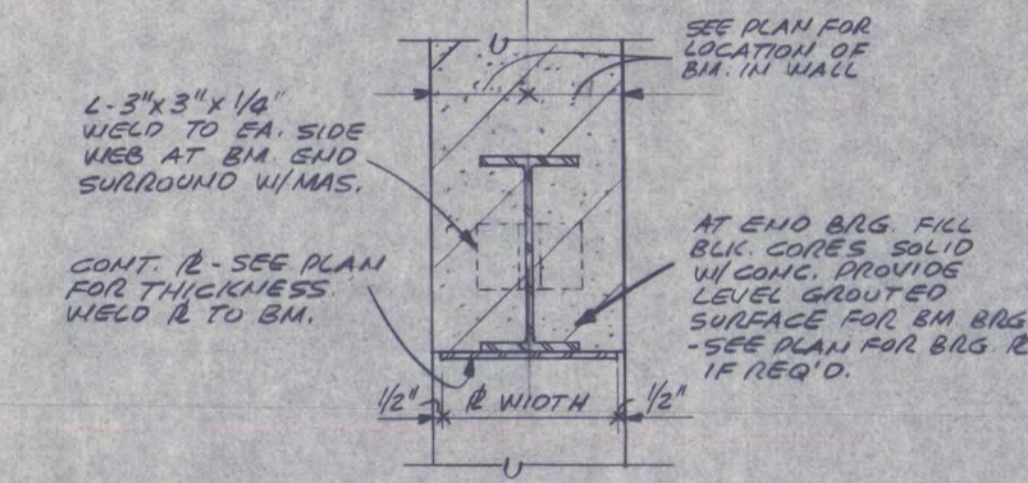
SECTION 9A
1/2" = 1'-0"

PARTIAL FDN. PLAN ALTERNATE # 4
1/16" = 1'-0"

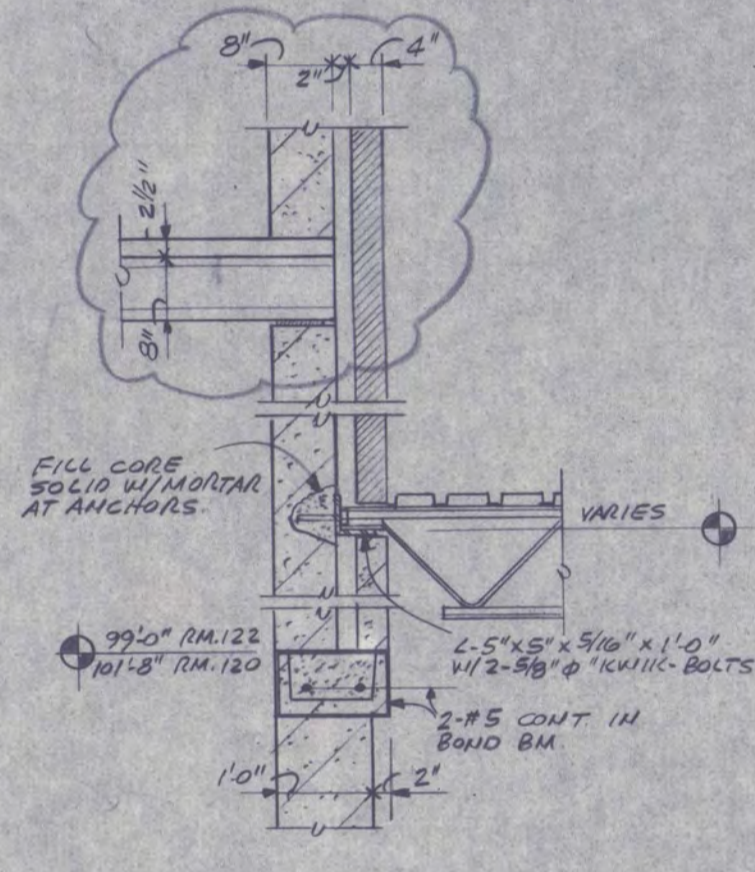


SECTION 6
3/4" = 1'-0"

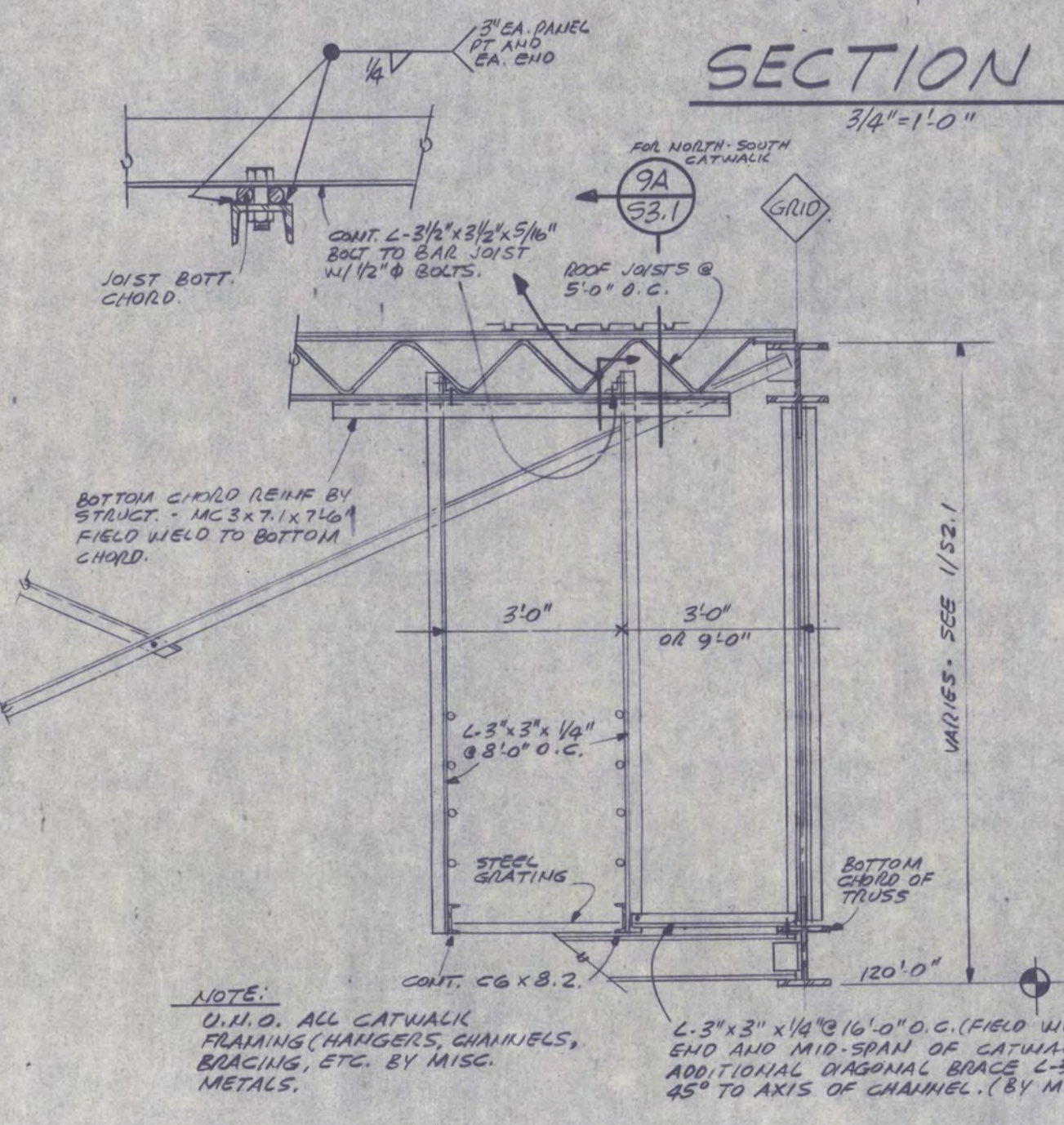
TIE BETWEEN COL AND 2ND FLOOR SLAB
1/4" = 1'-0"



BM. BRG. ON MAS. WALL
1" = 1'-0"

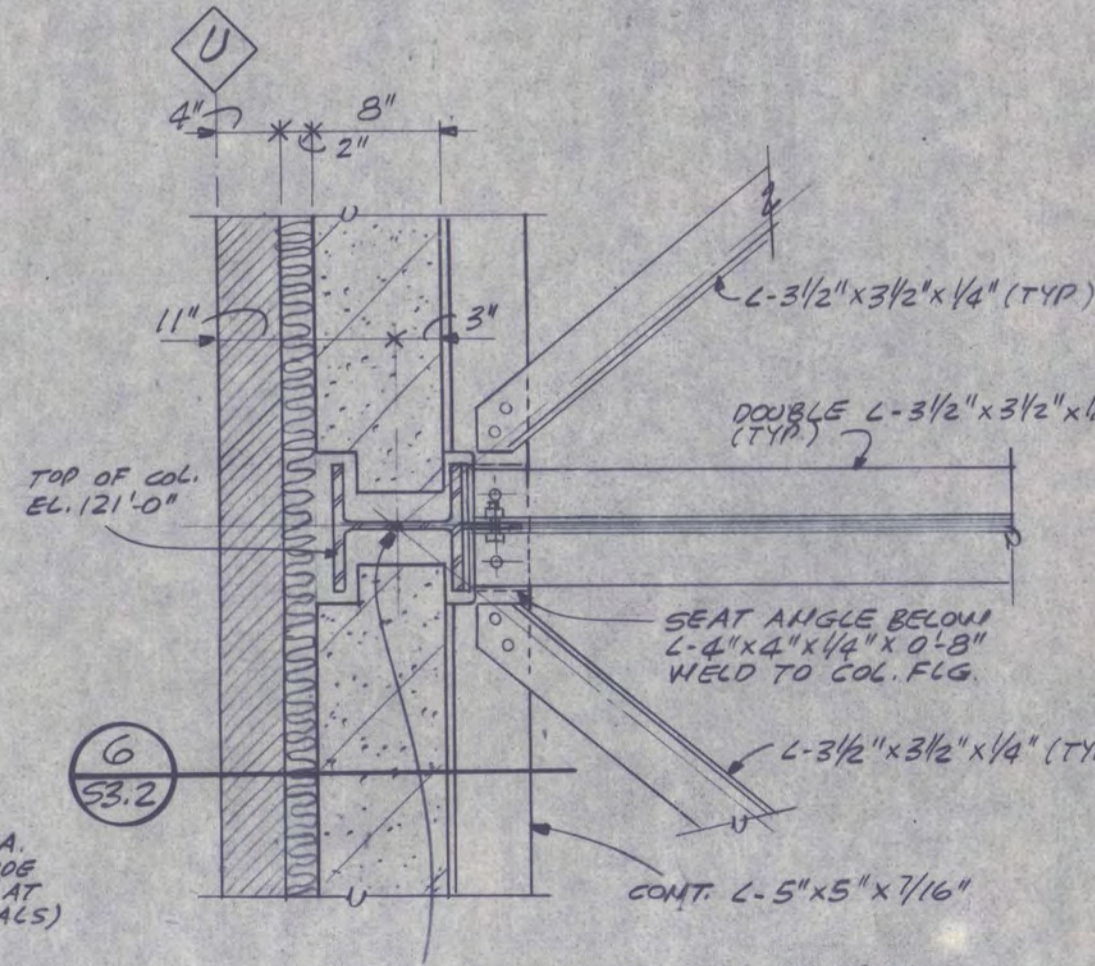


SECTION 5
1/2" = 1'-0"



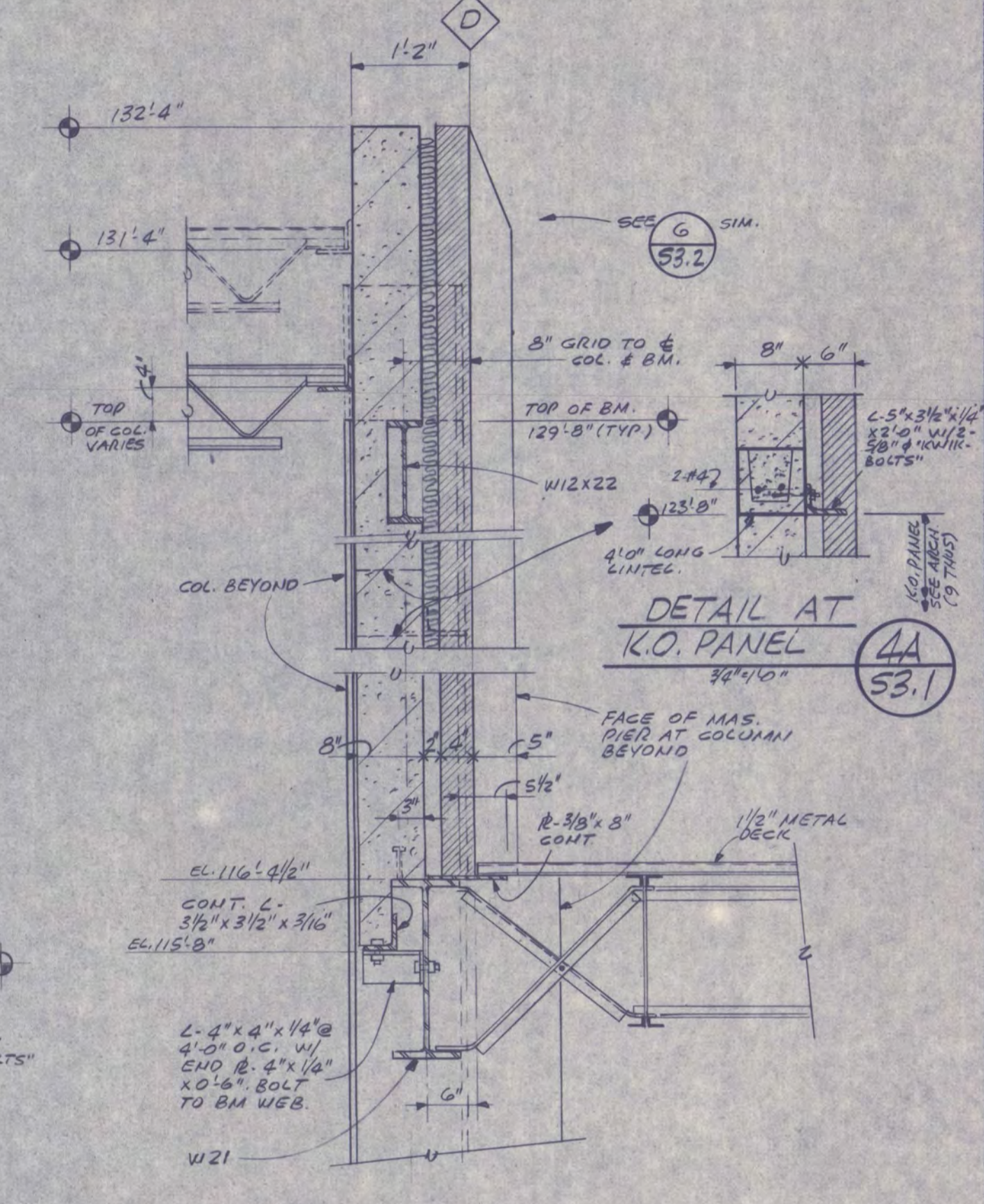
SECTION AT CATWALK
3/8" = 1'-0"

DETAIL
1" = 1'-0"

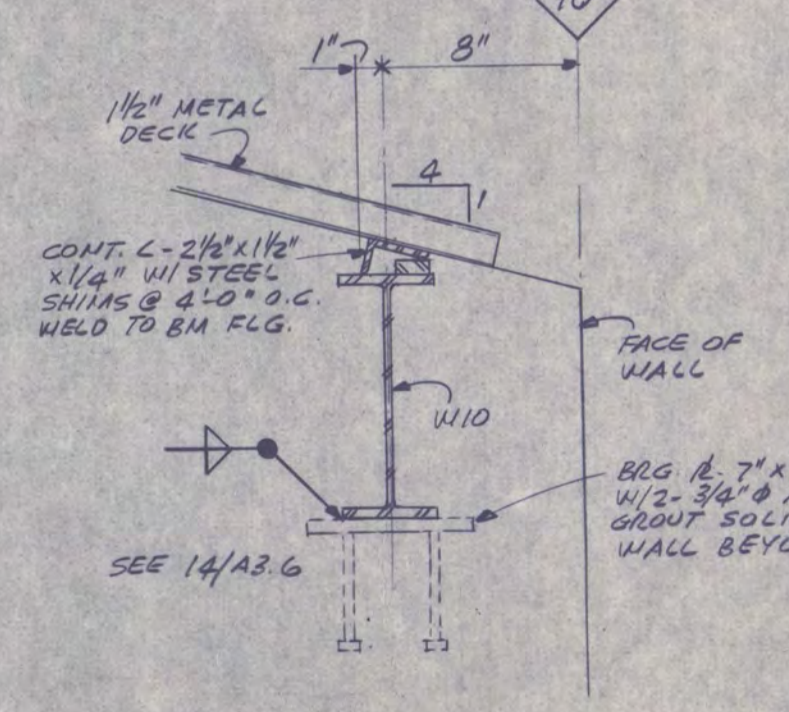


DETAIL
1" = 1'-0"

STL. COL. AT STAIR LANDING
3/8" = 1'-0"

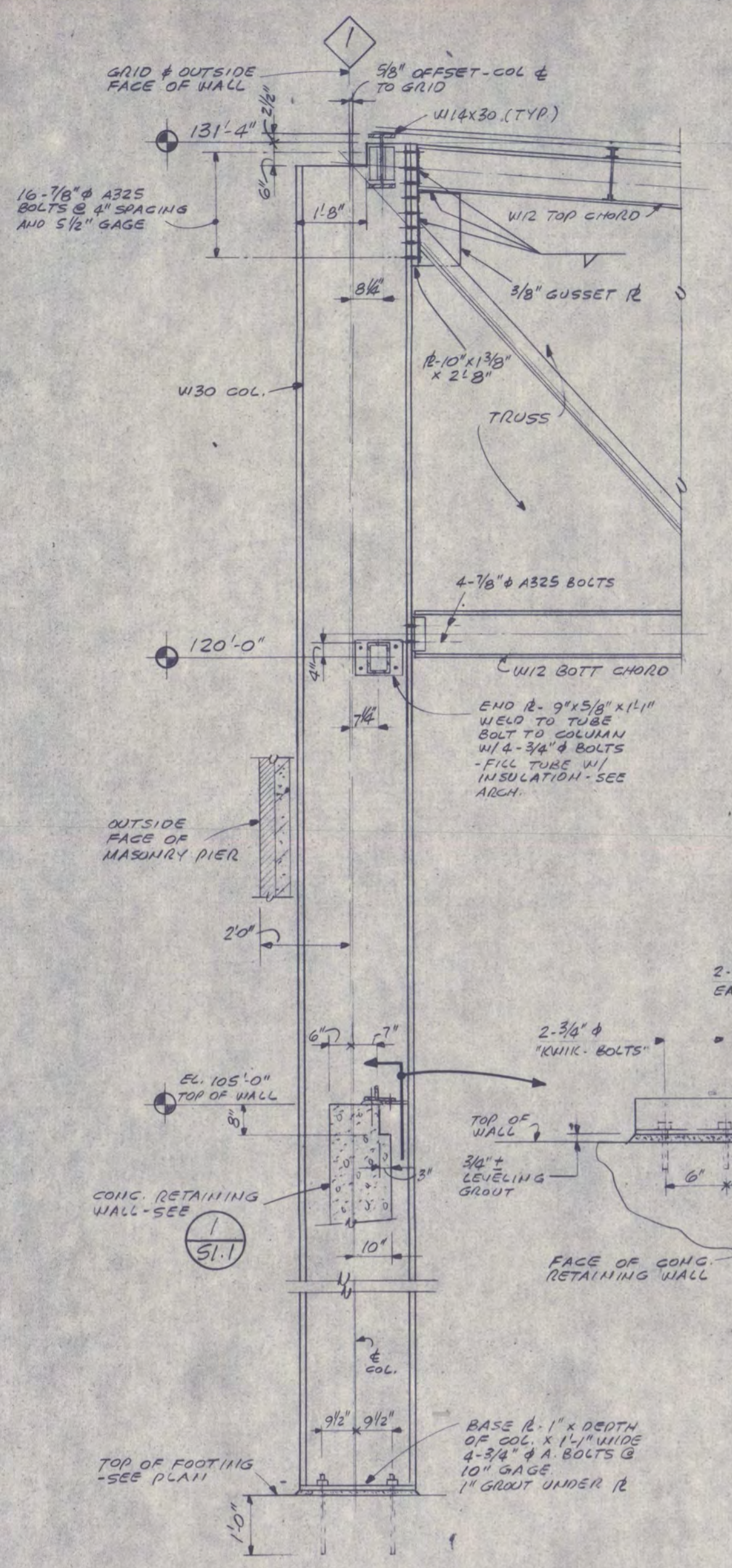


SECTION 4
3/4" = 1'-0"



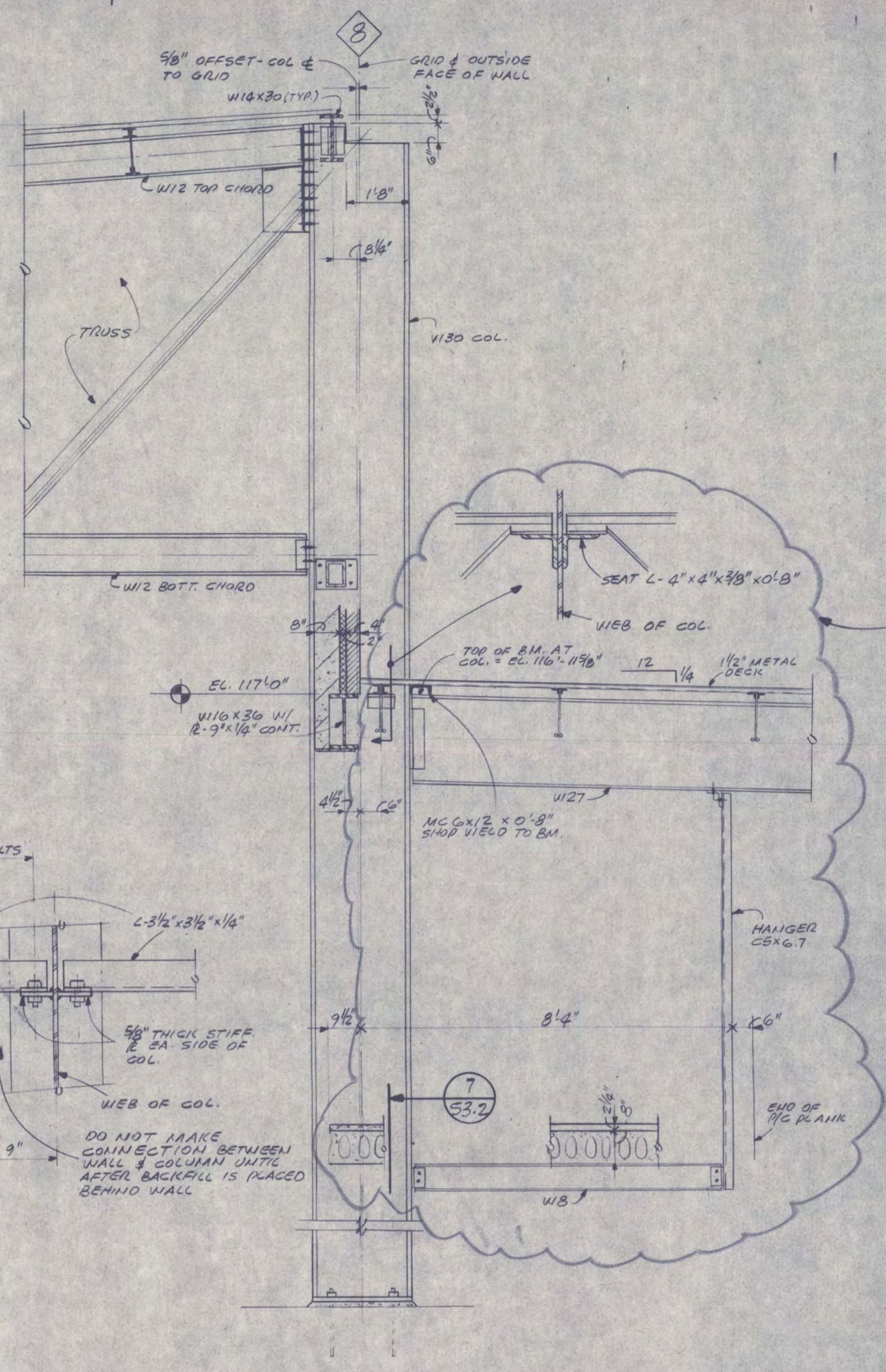
SECTION 7
1/2" = 1'-0"

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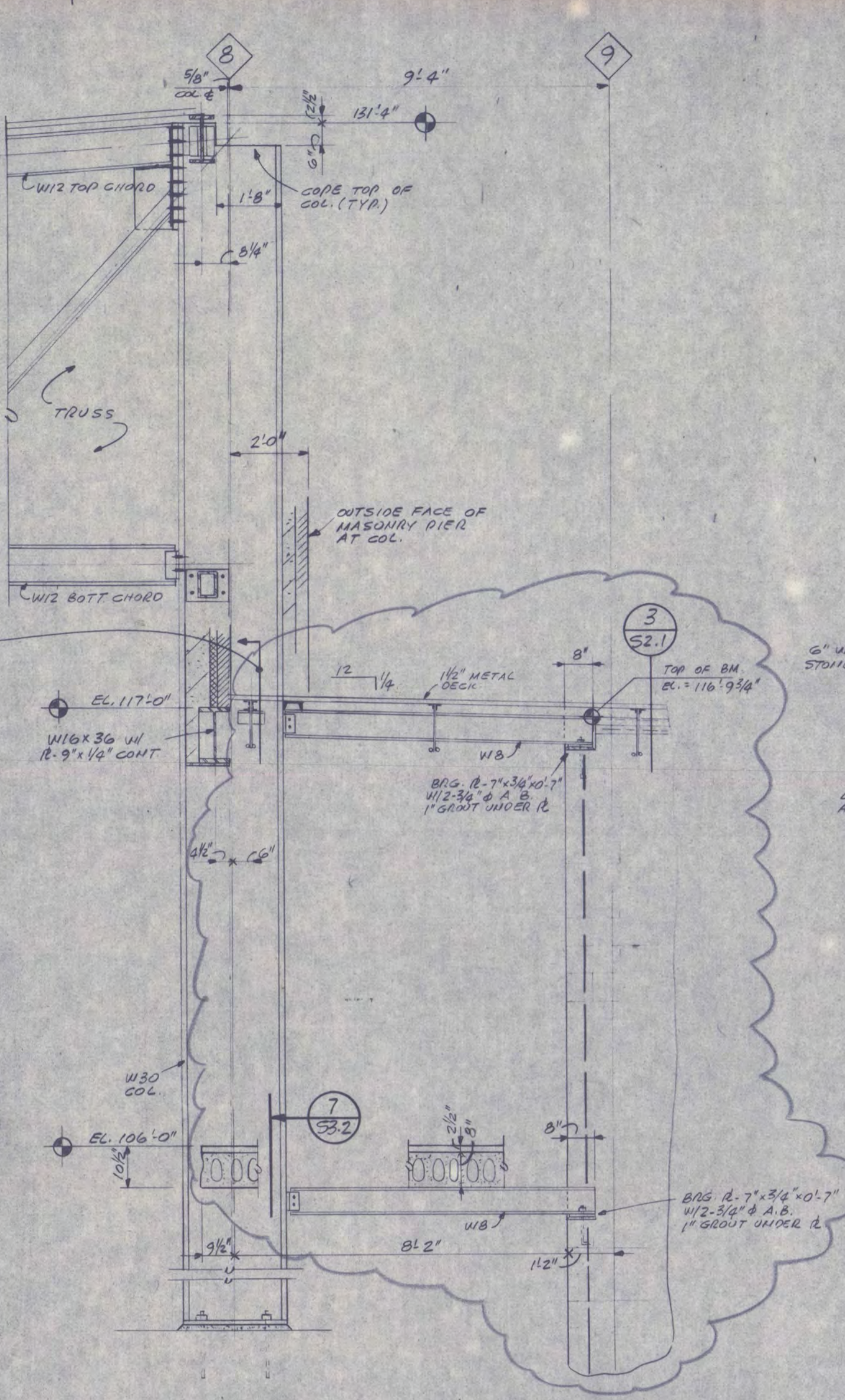
SECTION AT WEST WALL ACTIVITY CENTER

3/8" = 1'0" 53.2



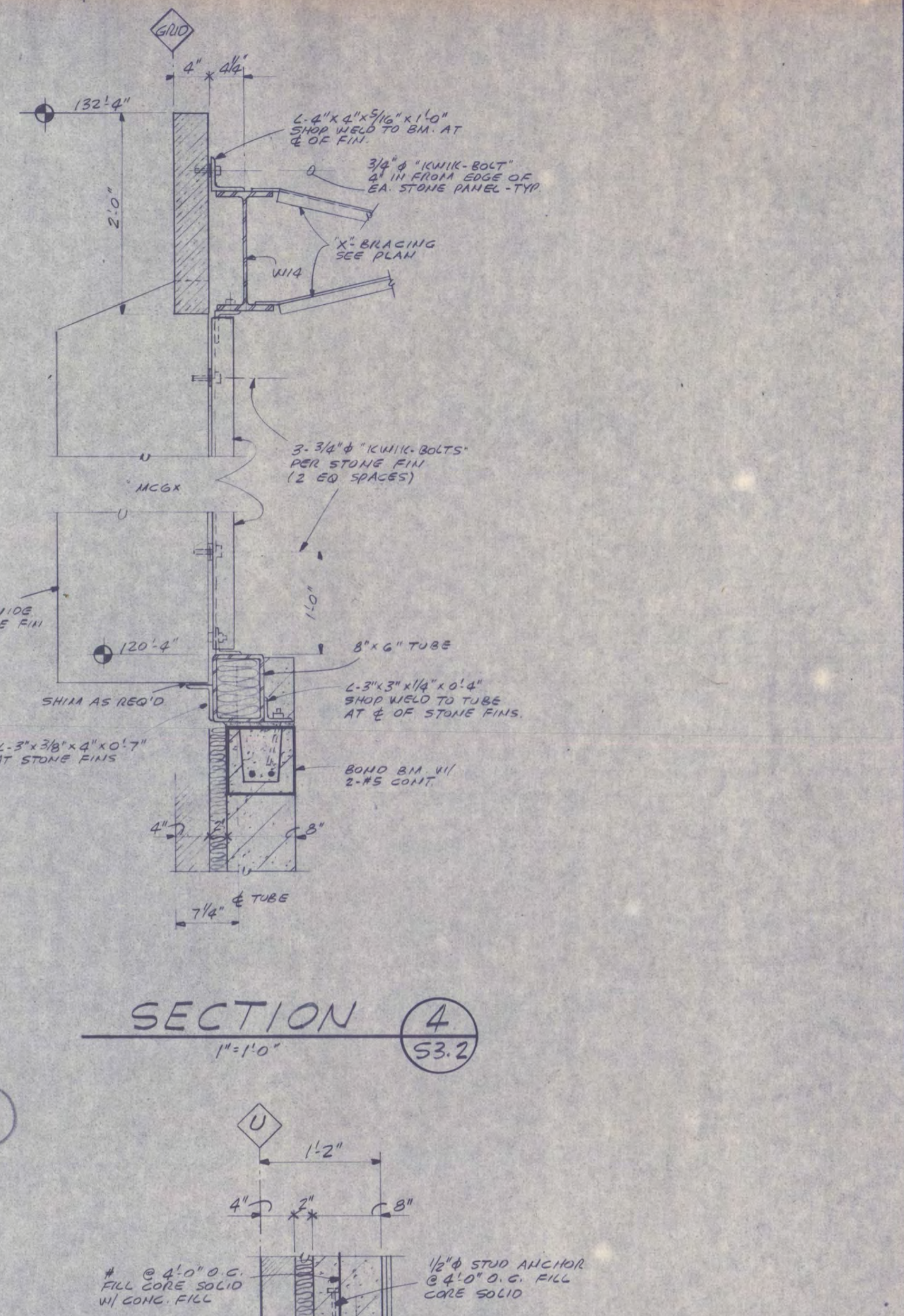
SECTION AT EAST WALL ACTIVITY CENTER (WRESTLING ROOM)

3/8" = 1'0" 53.2



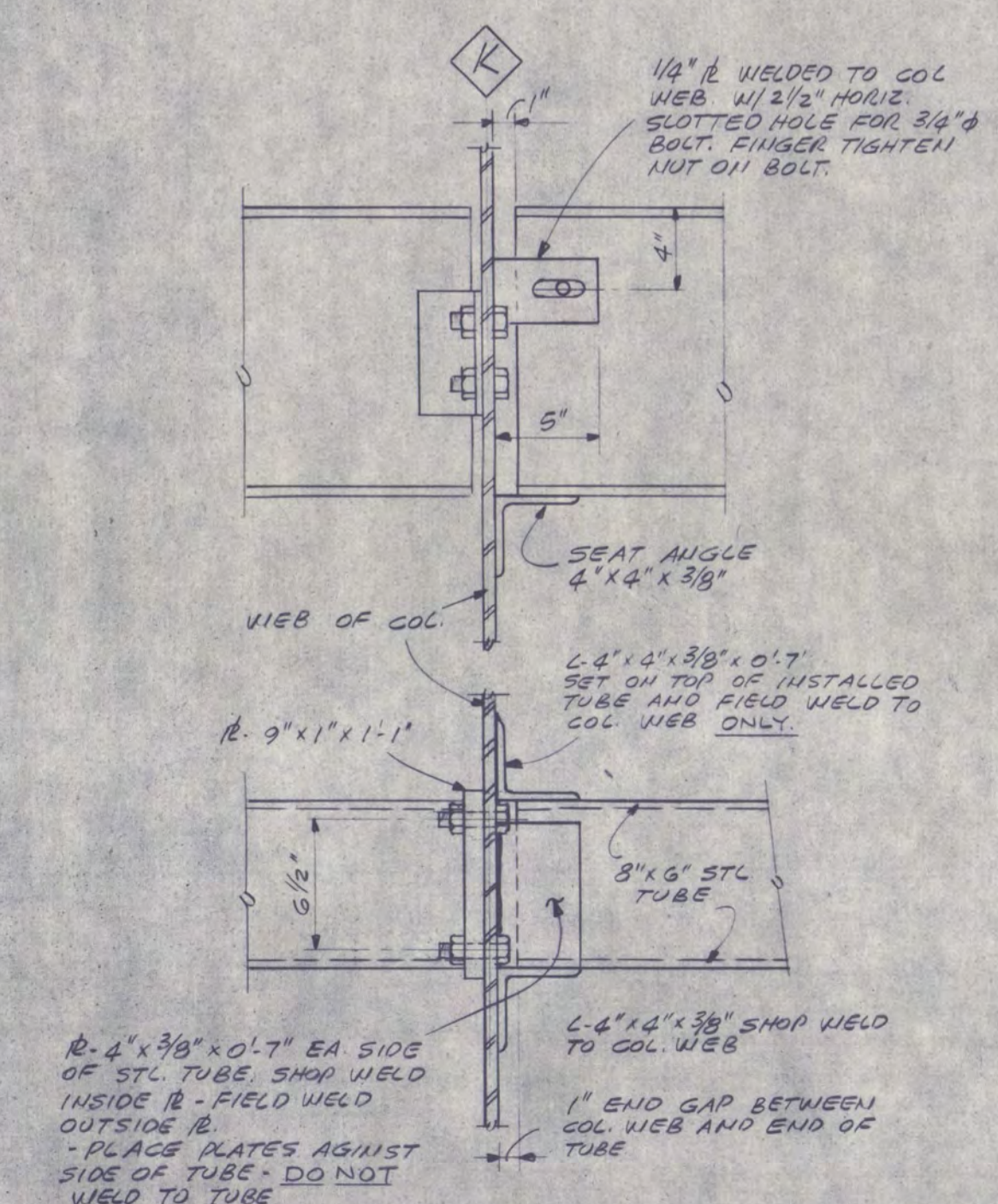
SECTION - EAST WALL ACTIVITY CENTER AT RACQUET BALL COURTS

3/8" = 1'0" 53.2



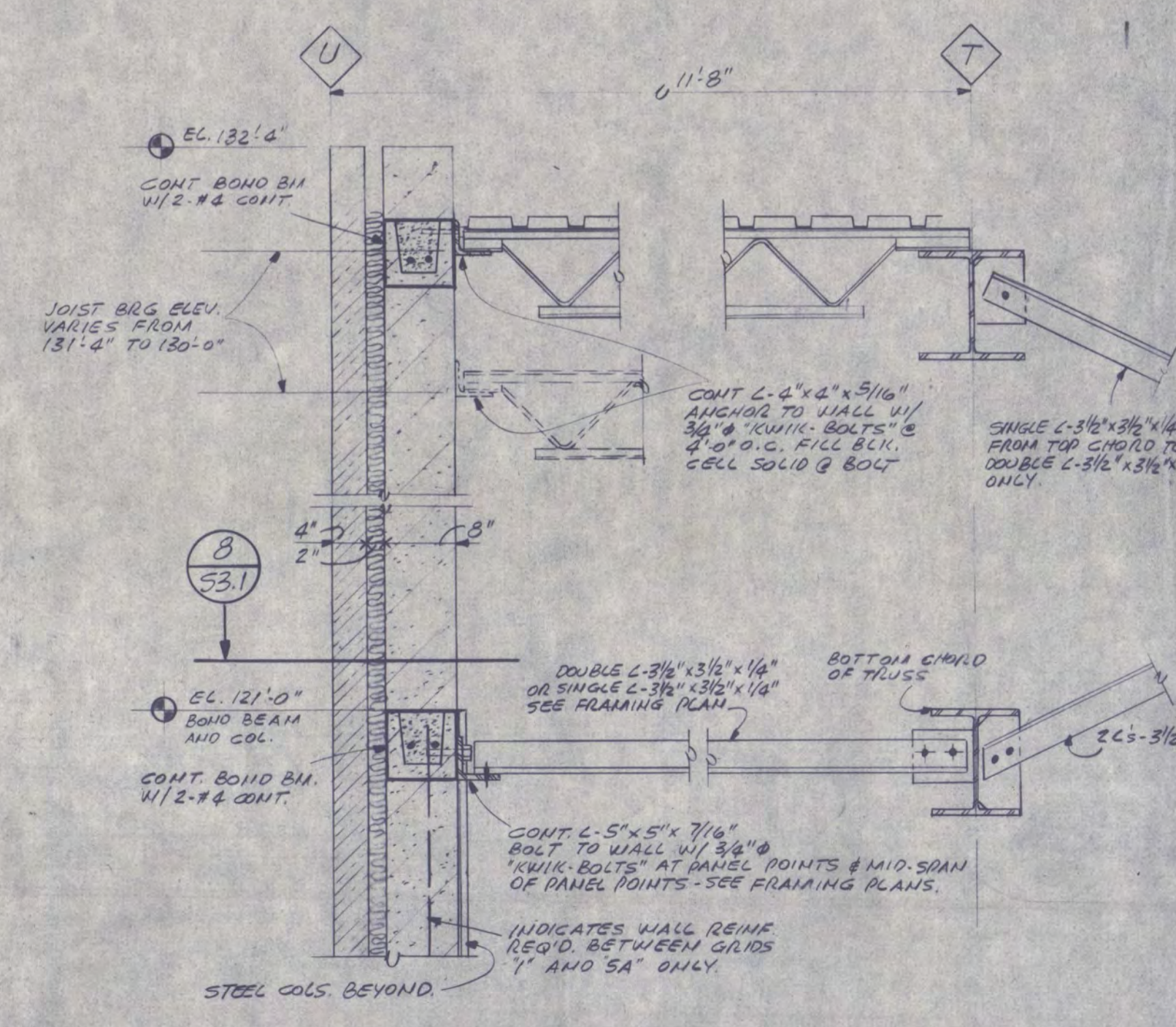
SECTION 4

1" = 1'0" 53.2



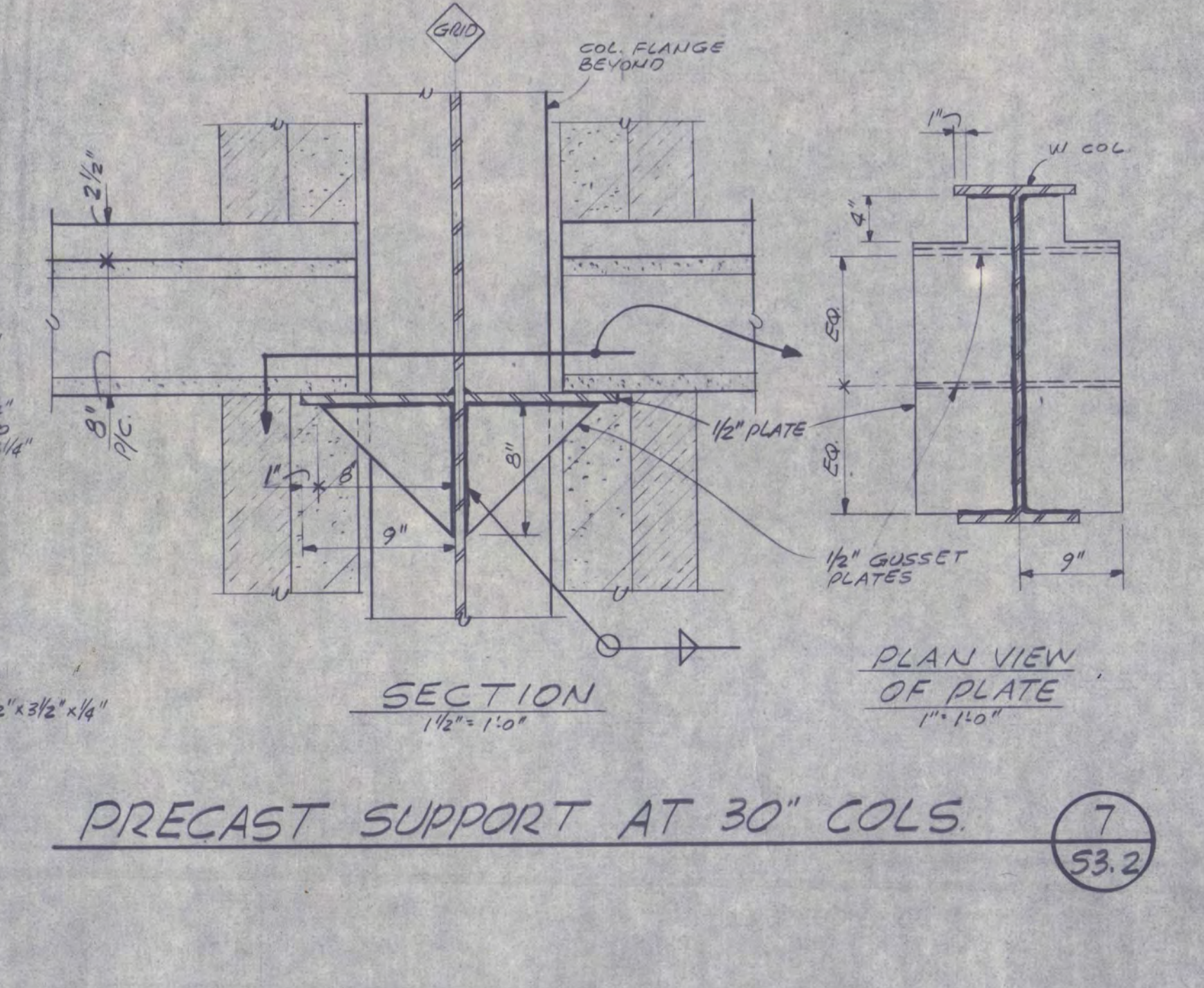
CONNECTION OF BMS. TO COL. AT EXPANSION JOINT

53.2



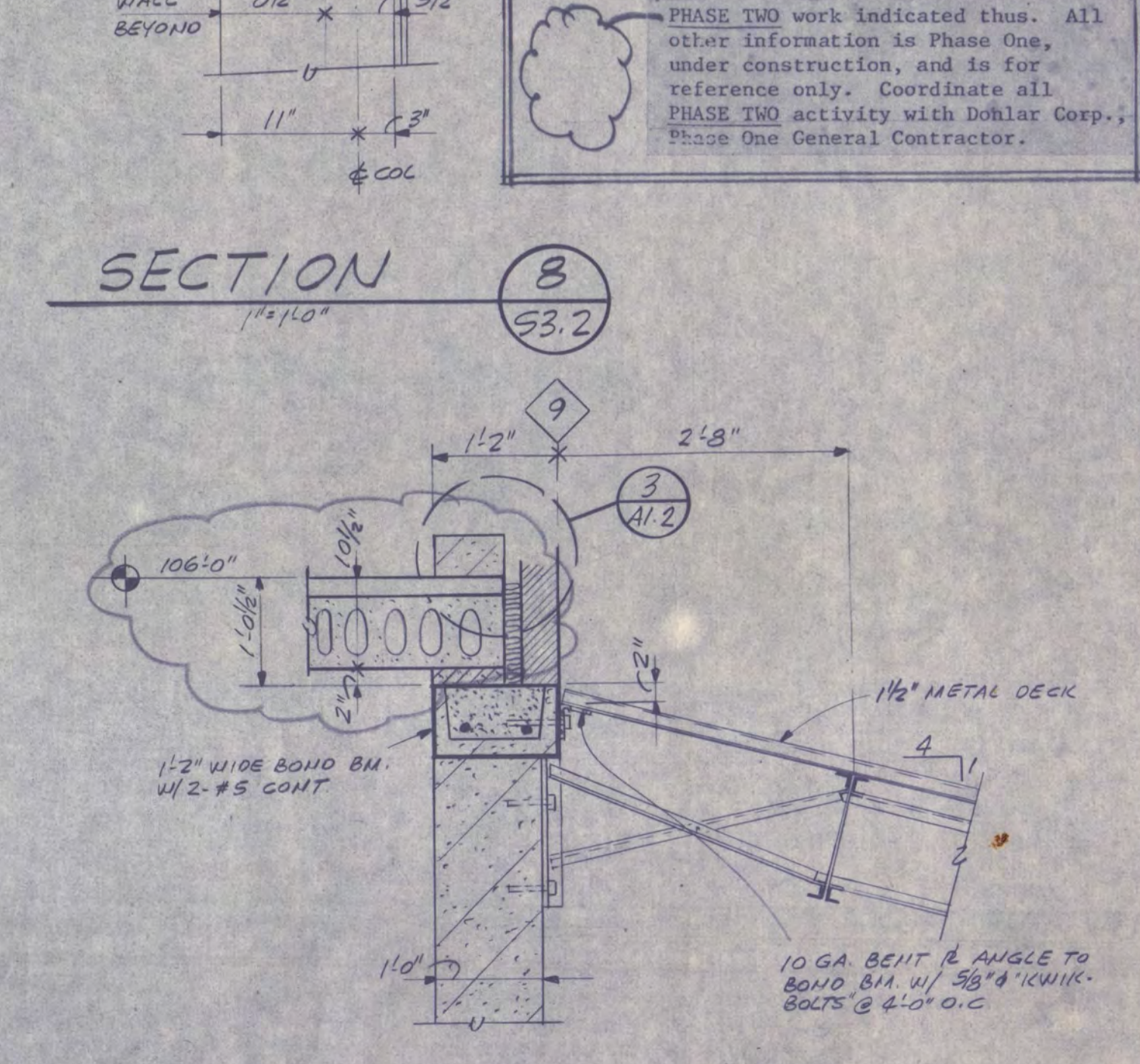
SECTION AT SOUTH WALL

3/4" = 1'0" 53.2



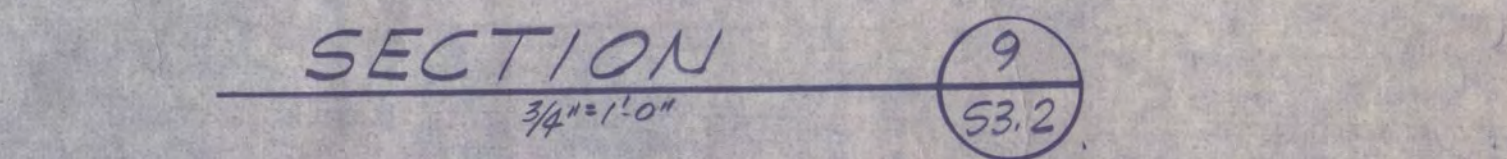
PRECAST SUPPORT AT 30" COLS.

53.2



SECTION 8

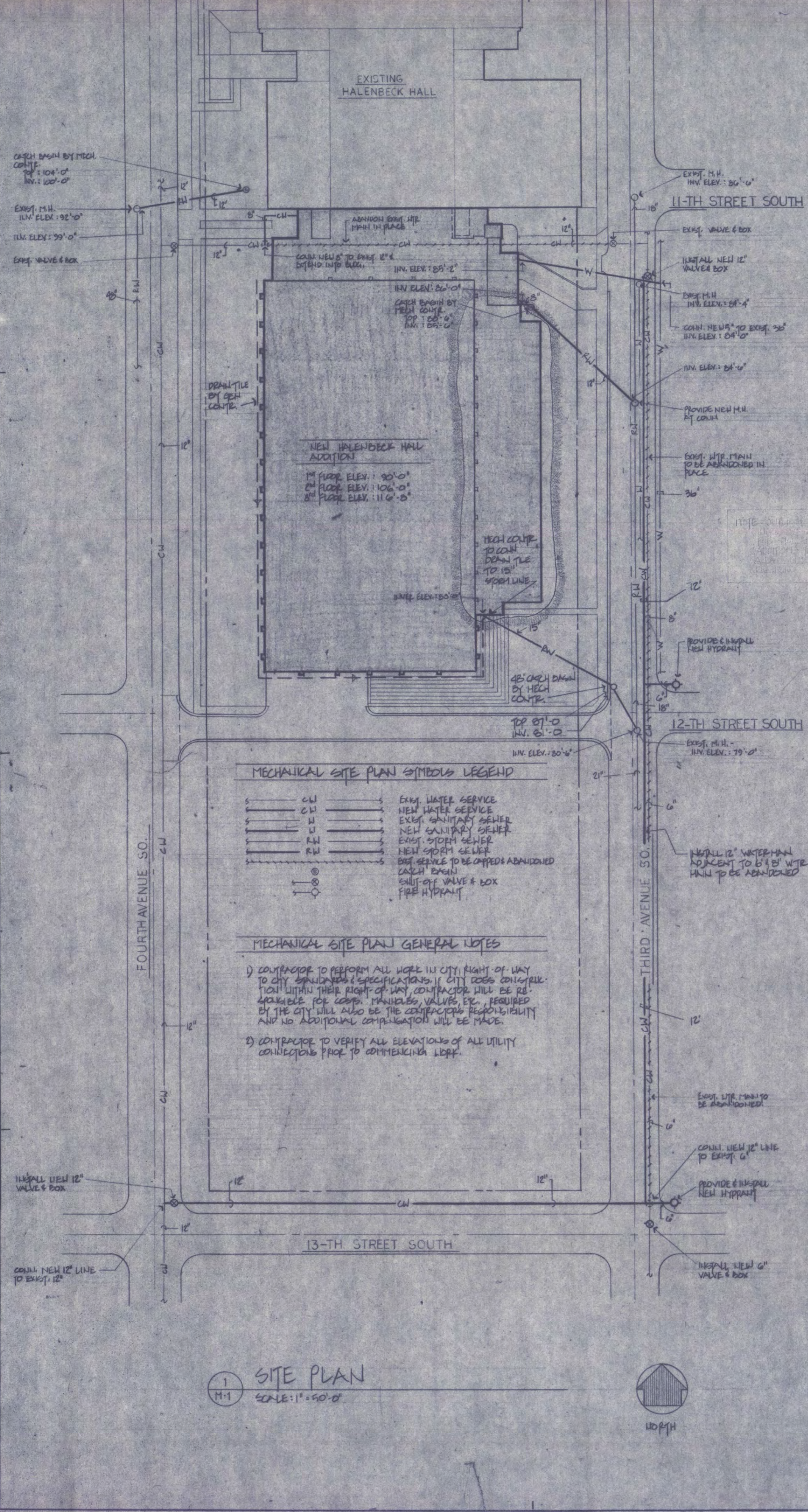
1" = 1'0" 53.2



SECTION 9

3/4" = 1'0" 53.2

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MECHANICAL SITE PLAN SYMBOLS LEGEND

— CW —	EXIST. WATER SERVICE
— CW —	NEW WATER SERVICE
— W —	EXIST. SANITARY SEWER
— W —	NEW SANITARY SEWER
— HW —	EXIST. STORM SEWER
— HW —	NEW STORM SEWER
— RW —	EXIST. RAIN WATER SERVICE TO BE ADDED
— RW —	NEW RAIN WATER SERVICE TO BE ADDED
— RW —	EXIST. RAIN WATER SERVICE TO BE ADDED
— RW —	NEW RAIN WATER SERVICE TO BE ADDED
— RW —	EXIST. RAIN WATER SERVICE TO BE ADDED
— RW —	NEW RAIN WATER SERVICE TO BE ADDED
— RW —	EXIST. RAIN WATER SERVICE TO BE ADDED
— RW —	NEW RAIN WATER SERVICE TO BE ADDED

MECHANICAL SITE PLAN GENERAL NOTES

- CONTRACTOR TO PERFORM ALL WORK IN CITY RIGHT OF WAY TO CITY STANDARDS & SPECIFICATIONS. IF CITY DOES CONSTITUTE WITHIN THEIR RIGHT OF WAY, CONTRACTOR WILL BE RESPONSIBLE FOR CONDUIT, MANHOLES, VALVES, ETC. REQUIRED BY THE CITY. THERE WILL ALSO BE THE CONTRACTOR'S RESPONSIBILITY AND NO ADDITIONAL COMPENSATION WILL BE MADE.
- CONTRACTOR TO VERIFY ALL ELEVATIONS OF ALL UTILITY CONNECTIONS PRIOR TO COMMENCING WORK.

1 SITE PLAN
SCALE: 1" = 50'-0"

MECHANICAL SYMBOLS & ABBREVIATIONS

— V —	COLD WATER
— W —	HOT WATER
— RW —	RECIRCULATING HOT WATER
— W —	VEINT
— W —	SOIL OR WASTE ABOVE GROUND
— W —	SOIL OR WASTE UNDERGROUND
— W —	RAIN WATER ABOVE GROUND
— W —	RAIN WATER UNDERGROUND
— HP —	HIGH PRESSURE STEAM
— LP —	LOW PRESSURE STEAM
— RP —	LOW PRESSURE STEAM RETURN
— P —	PUMPED CONDENSATE
— S —	SPRINKLER SYSTEM
— HW —	HOT WATER HEATING SUPPLY
— HR —	HOT WATER HEATING RETURN
— HS —	HEAT RECOVERY SUPPLY
— HR —	HEAT RECOVERY RETURN
— SW —	SIDEWALL SPRINKLER HEAD
— U —	UPRIGHT SPRINKLER HEAD
— P —	PENDANT TYPE SPRINKLER HEAD
— F —	FLOOR OR ROOF DRAIN

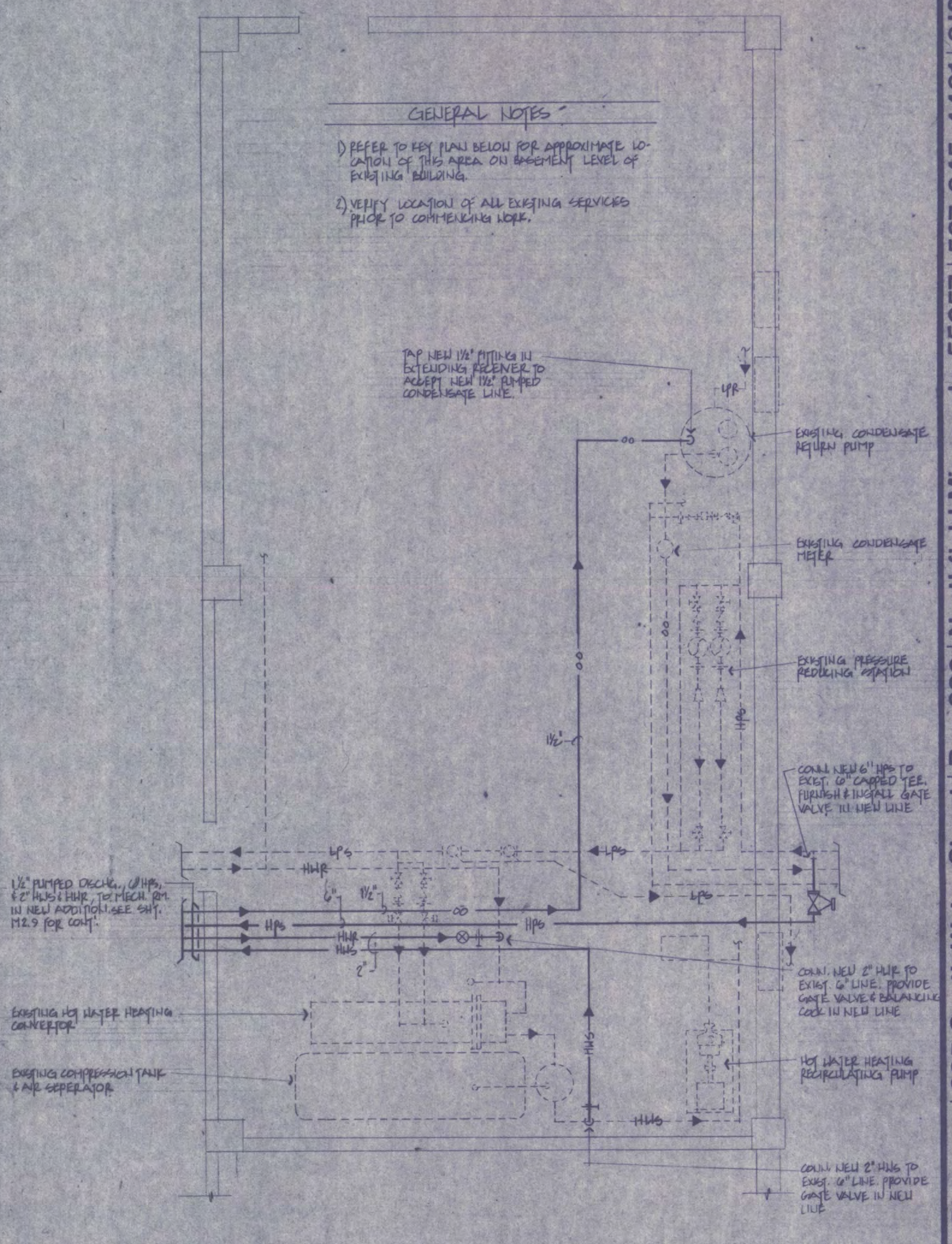
- SIDE CONNECTION
- TOP CONNECTION
- BOTTOM CONNECTION
- IN DIRECTION OF PITCH
- IN DIRECTION OF FLOW
- SHUT OFF VALVE
- BALANCING VALVE
- STRAINER
- UNION
- HORIZONTAL VALVE
- CHECK VALVE
- BY-PASS VALVE
- DRAIN VALVE
- STEAM TRAP AND DRIP ASS'Y
- INDICATES DIRECTION OF FLOW
- FIRE DAMPER
- FIRE DOOR (4 HE RATED)
- SMOKE DAMPER
- RADIATION ELEMENT AS NOTED AND SPECIFIED
- THERMOSTAT (WALL MOUNTED)
- HUMIDISTAT (5'-0" ABOVE FLOOR)
- SPRING HANGIER
- PIPE SUPPORT
- ANCHOR
- PRESSURE GAUGE
- THERMOMETER
- NE VENT
- RELIEF VALVE

PHASE TWO work indicated thus. All other information is Phase One, under construction, and is for reference only. Coordinate all PHASE TWO activity with Donlar Corp., Phase One General Contractor.

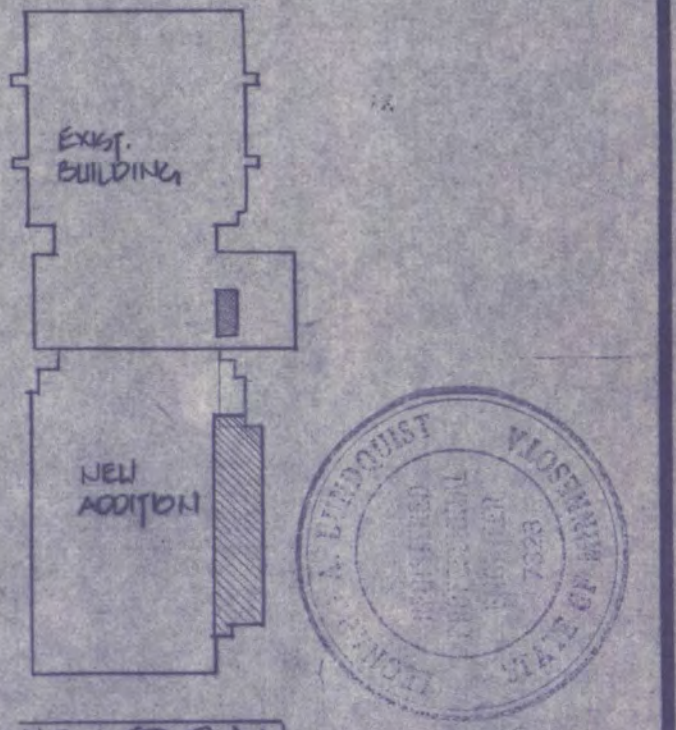
ITEM INDICATED	DOUBLE LINE DRAWING REPRESENTATION	SINGLE LINE DRAWING REPRESENTATION	ITEM INDICATED	DOUBLE LINE DRAWING REPRESENTATION	SINGLE LINE DRAWING REPRESENTATION
CLIP ELBOW OR PICTURE TAKEOFF IN SUPPLY DUCT			RETURN OR EXH. REG. OR GR. IN BOTTOM OF DUCT CENTERED ON DUCT		
BUTTED TAKEOFFS			ONE SIDED EXPANSION OR CONTRACTION INDICATED ONLY WHERE HORIZONTAL		
DIFFUSERS			TWO SIDED EXPANSION OR CONTRACTION INDICATED ONLY WHERE HORIZONTAL		
BUTTED TAKEOFF TO REGISTER OR EQUIP WITH VERTICAL OR EQUIP					
RETURN OR EXH. REG. OR GR. IN BOTTOM OF DUCT CENTERED ON DUCT					

GENERAL NOTES

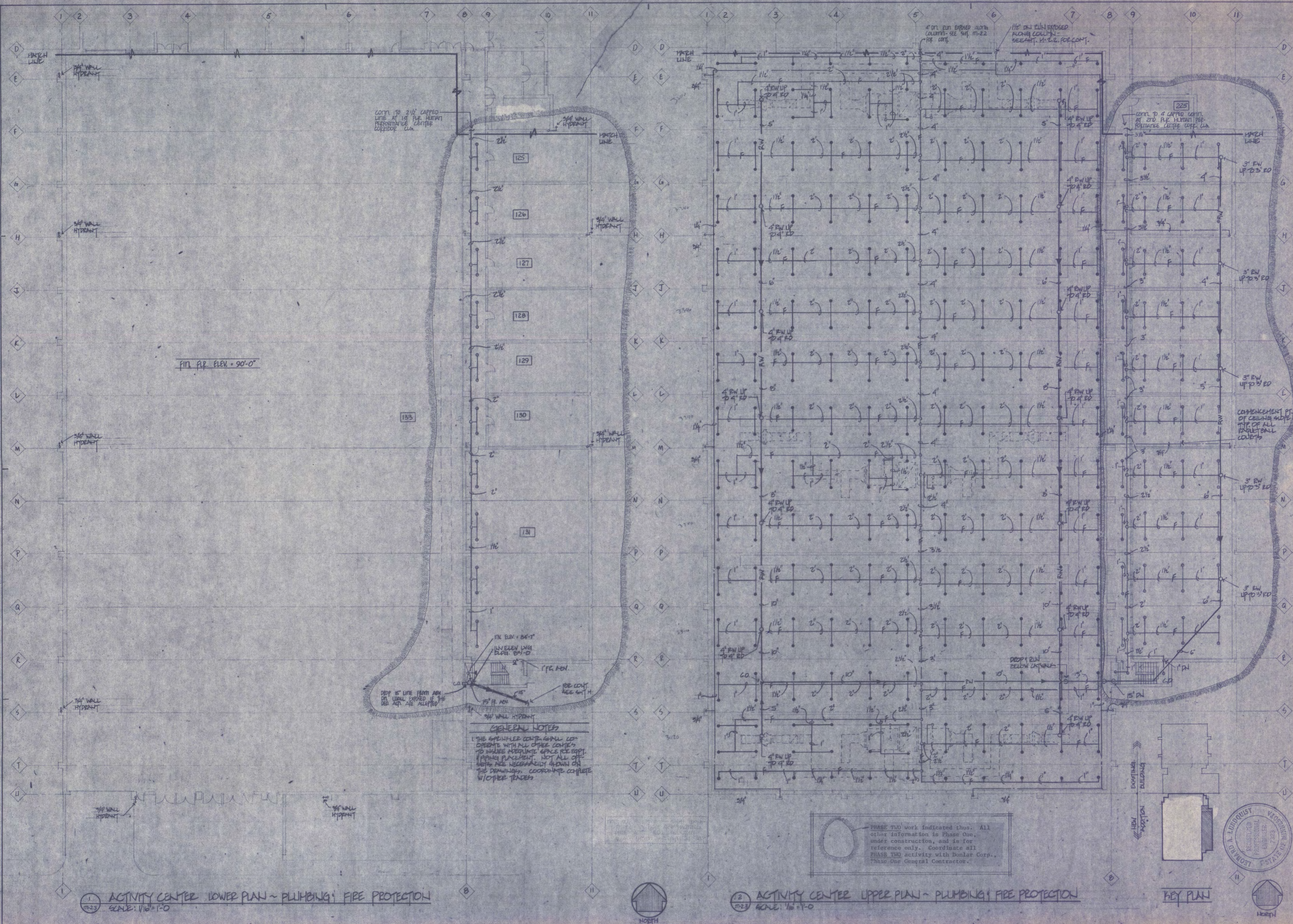
- REFER TO KEY PLAN BELOW FOR APPROXIMATE LOCATION OF THIS AREA ON EXISTING LEVEL OF EXISTING BUILDING.
- VERIFY LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCING WORK.



2 EXISTING HELENBECK HALL MECHANICAL ROOM PLAN
SCALE: 1/4" = 1'-0"



EXPLANATION: SHADDED AREA INDICATES GENERAL AREA OF 1/4" SCALE PLAN DRAWN ABOVE.



FIN F.P. ELEV. = 90'-0"

GENERAL NOTES
 1. THE SPRINKLER COMP. SHALL COORDINATE WITH ALL OTHER COMP. TO INSURE ADEQUATE SPACE FOR PROPER PLACEMENT. NOT ALL OF THESE ARE NECESSARILY SHOWN ON THE DRAWING. COORDINATE COMPLETE WITH OTHER TRADES.

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1 ACTIVITY CENTER LOWER PLAN - PLUMBING, FIRE PROTECTION
 SCALE: 1/16" = 1'-0"

2 ACTIVITY CENTER UPPER PLAN - PLUMBING, FIRE PROTECTION
 SCALE: 1/16" = 1'-0"

KEY PLAN

Sövik Mathre Sathrum Quabeck Architects Planners | 205 South Water Street | Box 390 | Northfield Minnesota 55057 | 507-645-4461 | 612-336-8679

Phase Two
 STATE OF MINNESOTA
 Department of Administration
 Architectural & Engineering Division
 Room C-10 Administration Building
 St. Paul, Minnesota 55101
 Account I.D. # 054304

Phase Two
 LUNDQUIST, WILMER, SCHULTZ AND MERLIN
 ARCHITECTS
 414 Second St. North Building
 Saint Paul, Minnesota 55101
 Account I.D. # 054304

Revisions
 I certify that the data, specifications or report was prepared by me or under my direct supervision and I am a duly registered professional engineer in the State of Minnesota.
 Registration No. 75323
 Signature Date: 11/25
 Checked Date: 8-3-79
 Drawn Date: 8-3-79



M 2.3