

■ STEVE MILLER
 ■ ARCHITECTURE
 ■ 2250 HOWENSTINE DR
 ■ EAST SPARTA, OHIO
 ■ (330) 484 2228 TEL.
 ■ (330) 484 4510 FAX

NOVA EAST FLEX SPACE

MASSILLON, OHIO

VENTURE CIRCLE S.E.

10.21.04

1

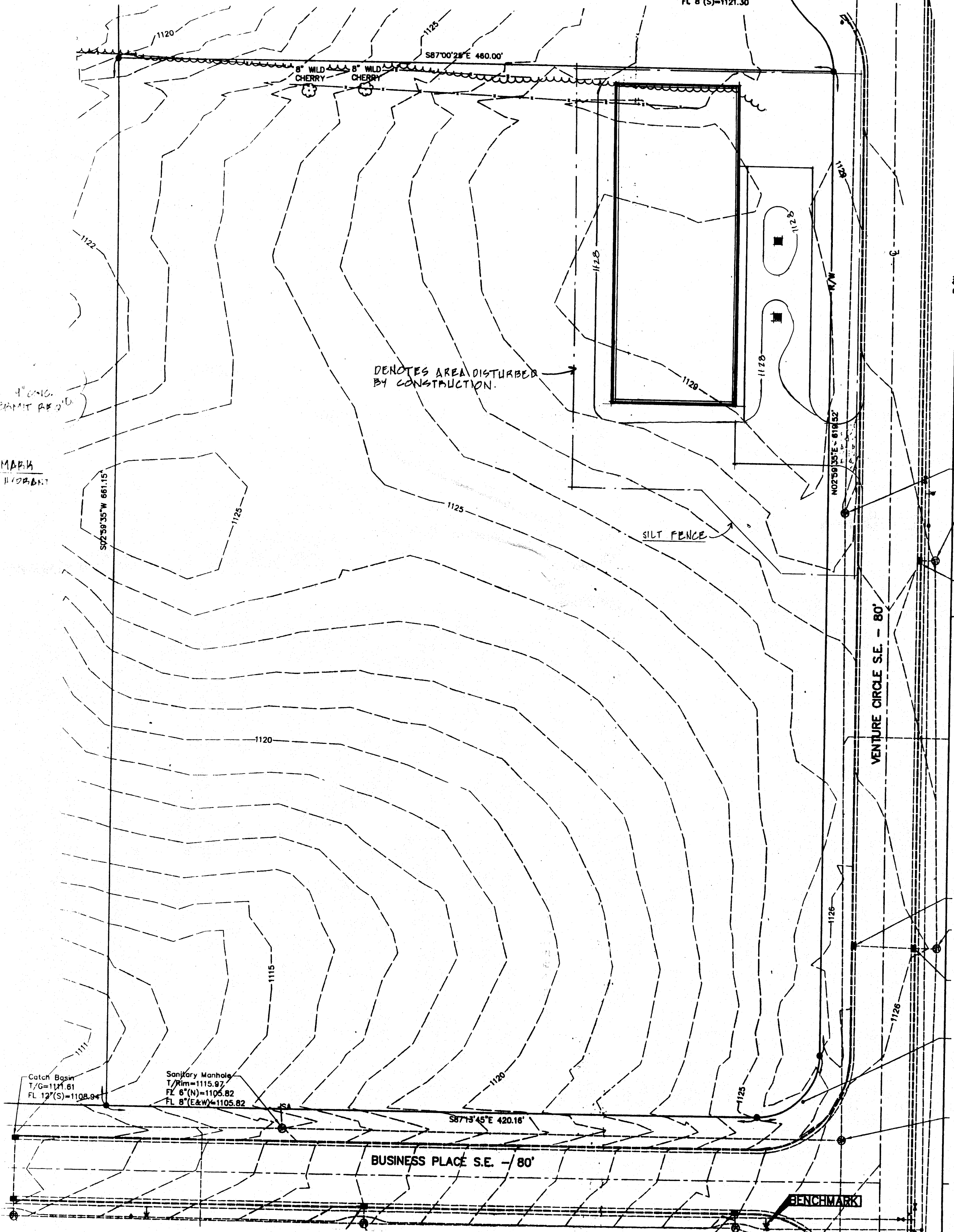
Sanitary Manhole
T/Rim=1130.25
FL 8"(HMANE)=1121.40
FL 8"(S)=1121.30

DENOTES AREA DISTURBED BY CONSTRUCTION.

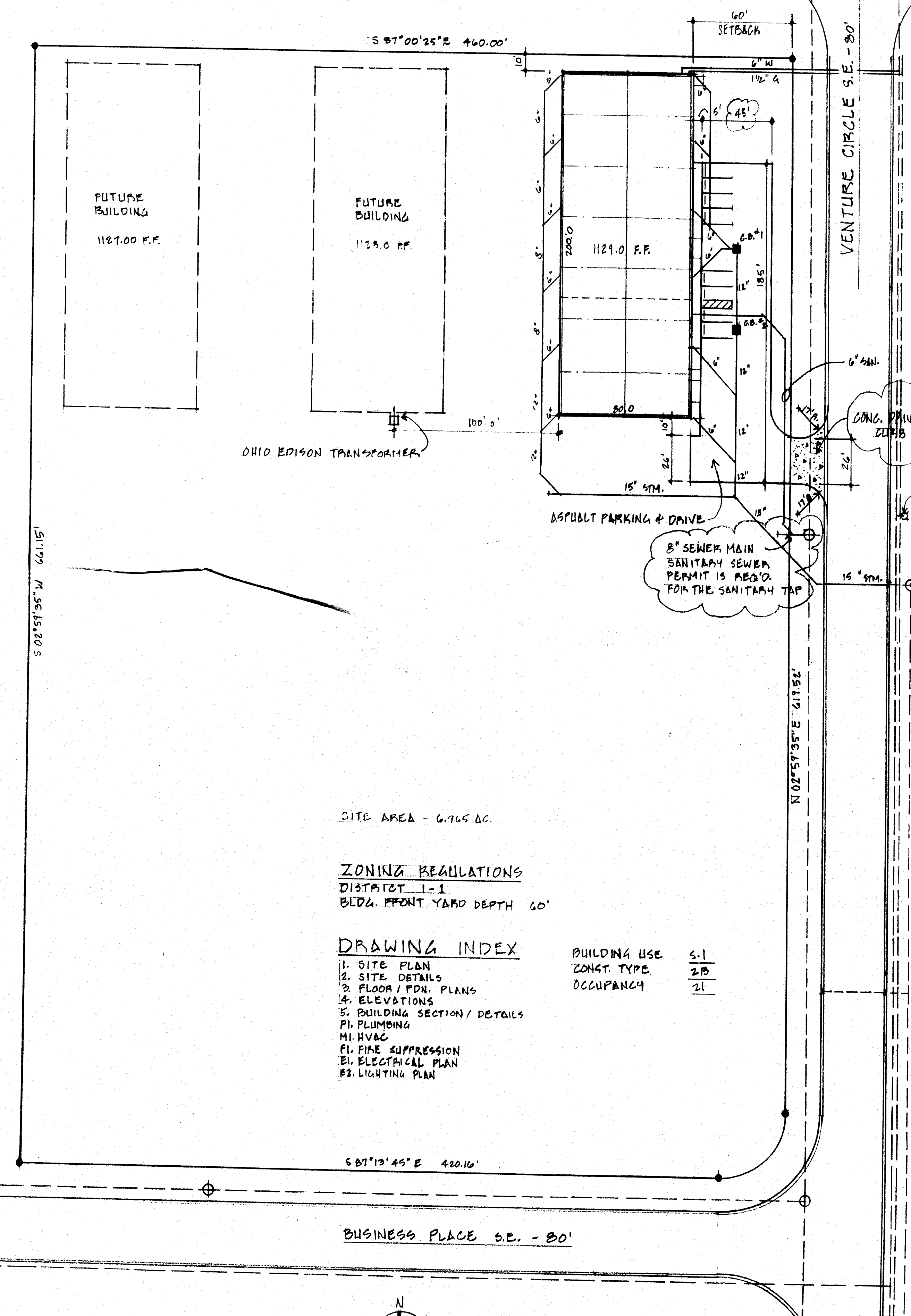
SILT FENCE

Catch Basin
T/Rim=1114.61
FL 12"(S)=1108.94
 Sanitary Manhole
T/Rim=1115.92
FL 8"(N)=1105.82
FL 8"(E&W)=1105.82

RECEIVED
 11-24-04



TOPOGRAPHIC PLAN
1"=40'



SITE PLAN
1"=40'

SITE AREA - 6.765 AC.

ZONING REGULATIONS

DISTRICT 1-1
BLDG. FRONT YARD DEPTH 60'

DRAWING INDEX

1. SITE PLAN
2. SITE DETAILS
3. FLOOR / FDN. PLANS
4. ELEVATIONS
5. BUILDING SECTION / DETAILS
- PL PLUMBING
- ML HVAC
- FL FIRE SUPPRESSION
- EL ELECTRICAL PLAN
- EL LIGHTING PLAN

BUILDING USE S-1
 CONST. TYPE 2B
 OCCUPANCY 21

S 87°13'45"E 420.16'

BUSINESS PLACE S.E. - 80'

N 02°59'35"E 619.52'

VENTURE CIRCLE S.E. - 80'

VENTURE CIRCLE S.E. - 80'

BUSINESS PLACE S.E. - 80'

FUTURE BUILDING
1127.00 F.F.

FUTURE BUILDING
1129.0 F.F.

1129.0 F.F.

OHIO EDISON TRANSFORMER

ASPHALT PARKING & DRIVE

8" SEWER MAIN
SANITARY SEWER
PERMIT IS REQ'D
FOR THE SANITARY TAP

BENCHMARK
TOP OF HYDRA-BOLT

60' SETBACK

45'

12' 18.5'

6.8'-1

15'

12'

15'

12'

15'

12'

15'

12'

15'

12'

15'

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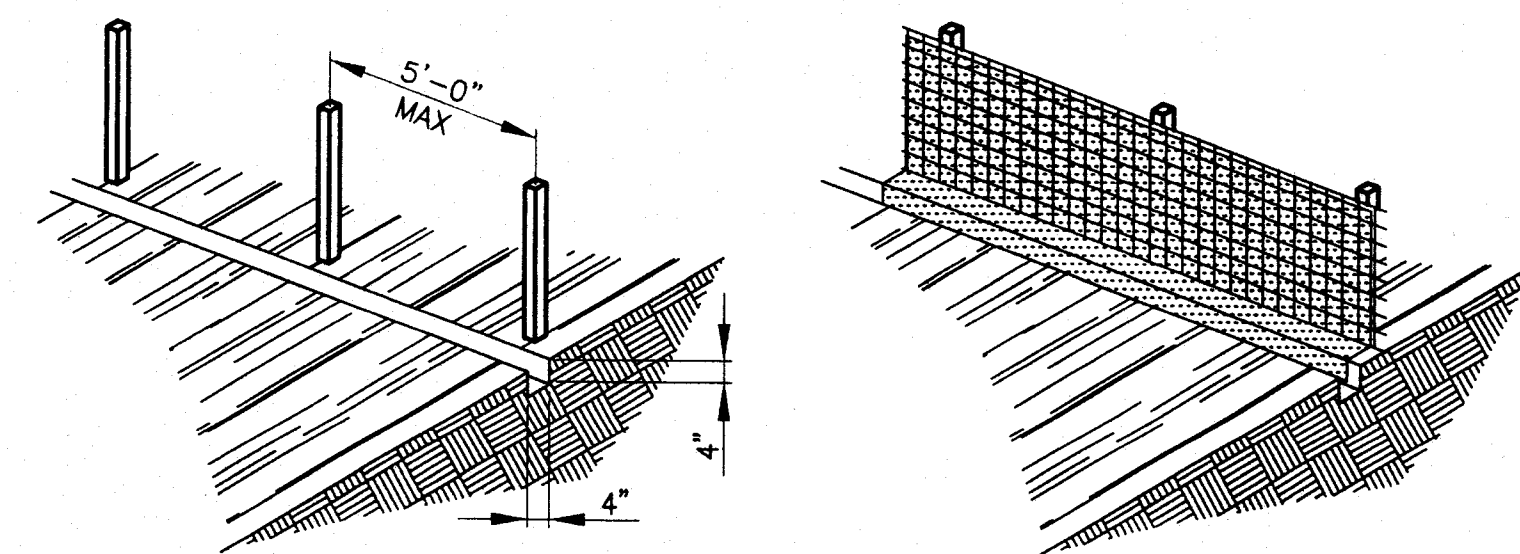
12'

15'

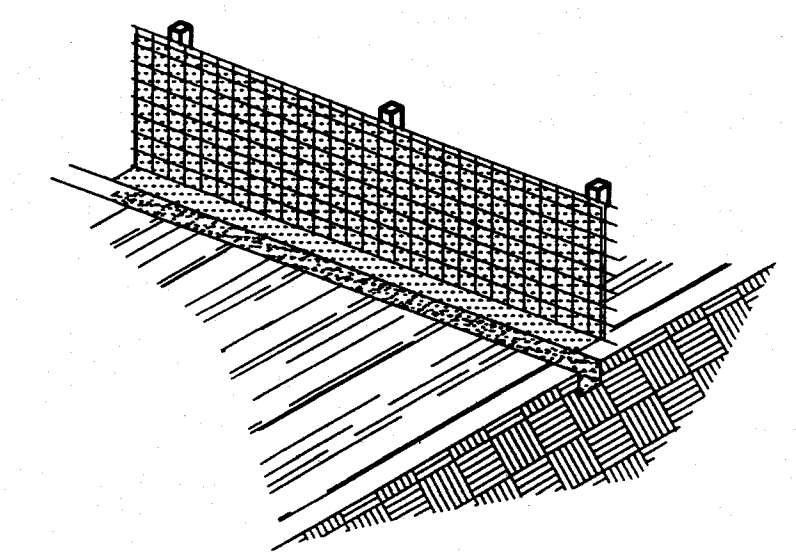
12'

15'

12'

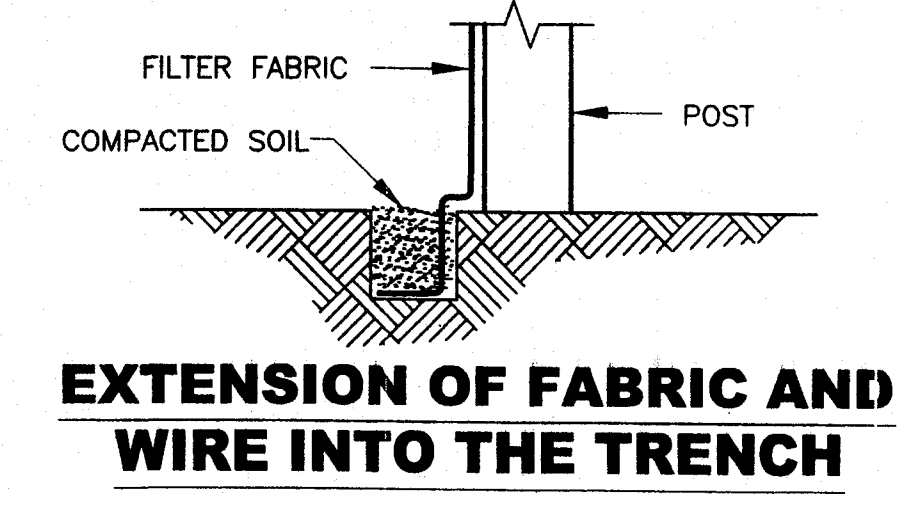


1. SET POST AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. ATTACH THE FILTER FABRIC TO THE POSTS AND EXTEND IT INTO THE TRENCH.

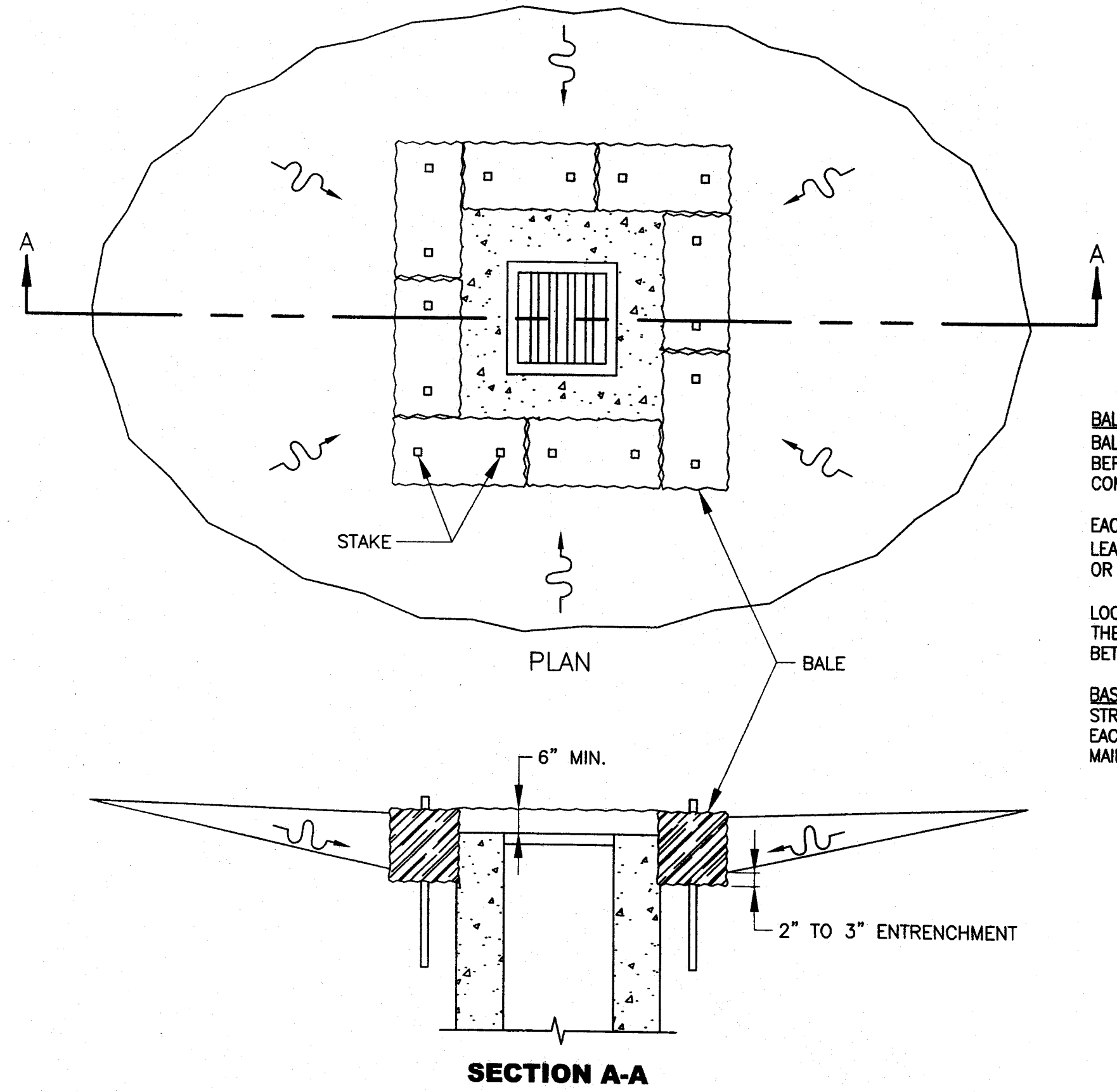
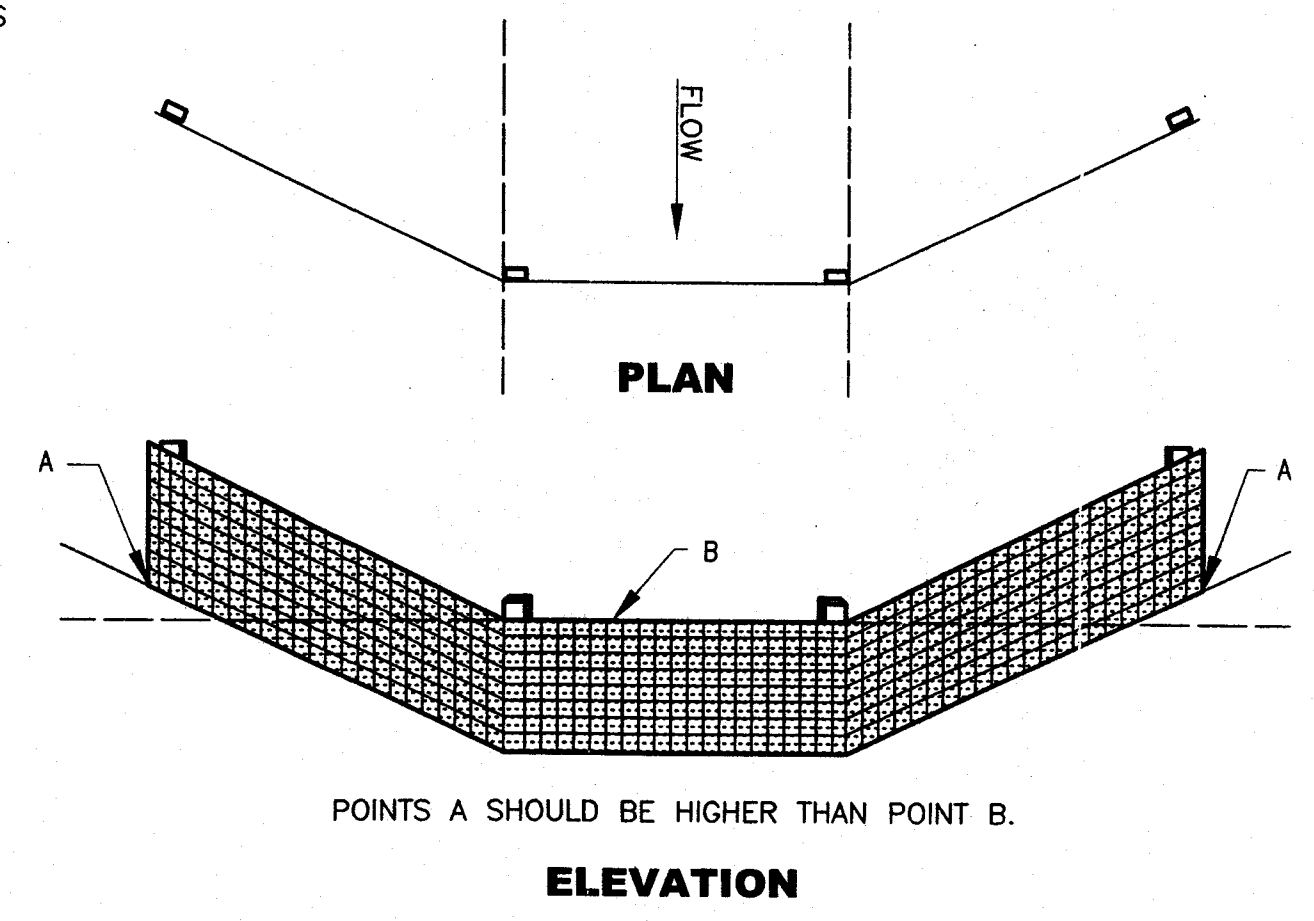


3. BACKFILL AND COMPACT THE EXCAVATED SOIL.

SILT FENCE DETAIL
 NO SCALE

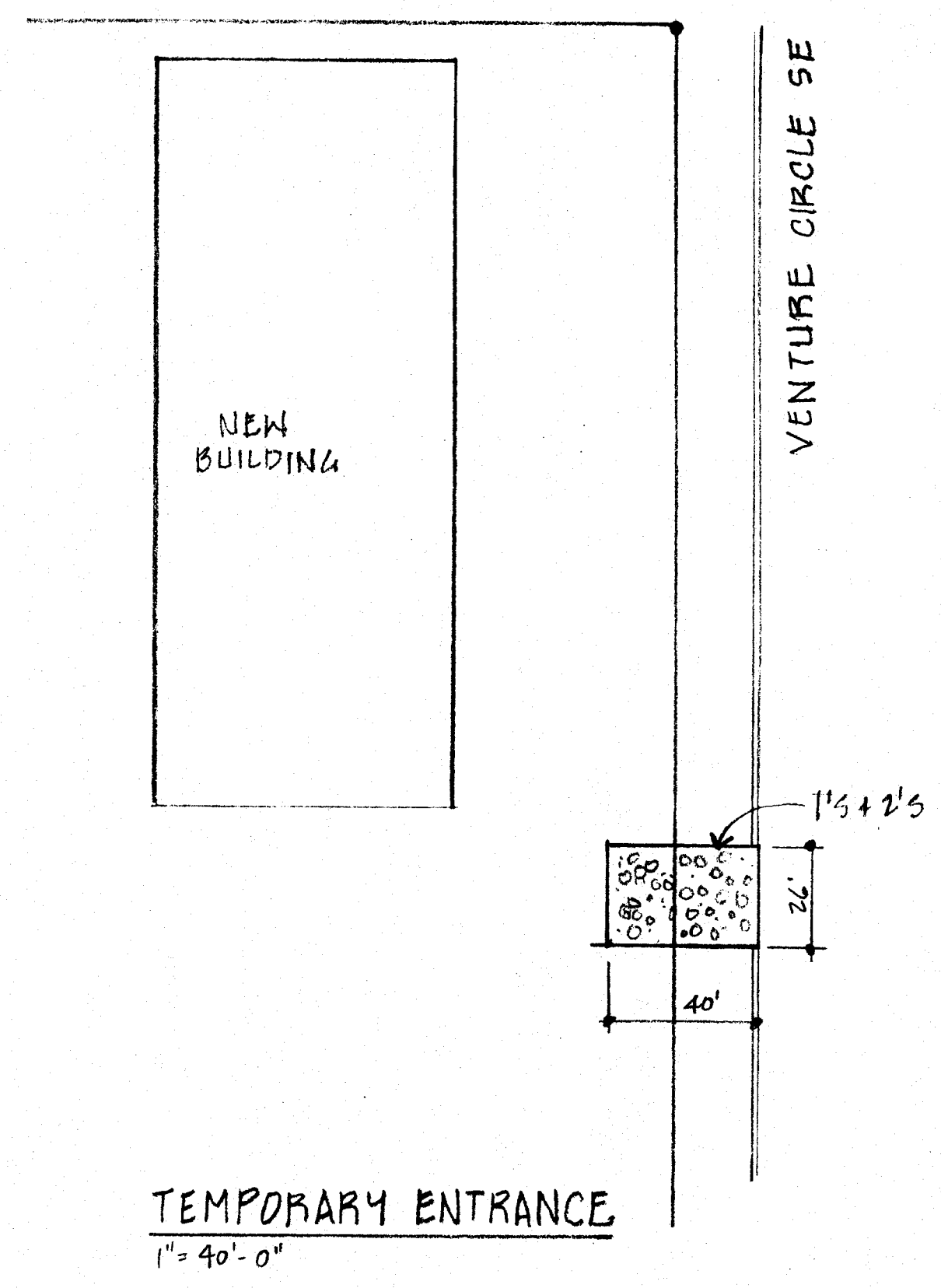


EXTENSION OF FABRIC AND WIRE INTO THE TRENCH

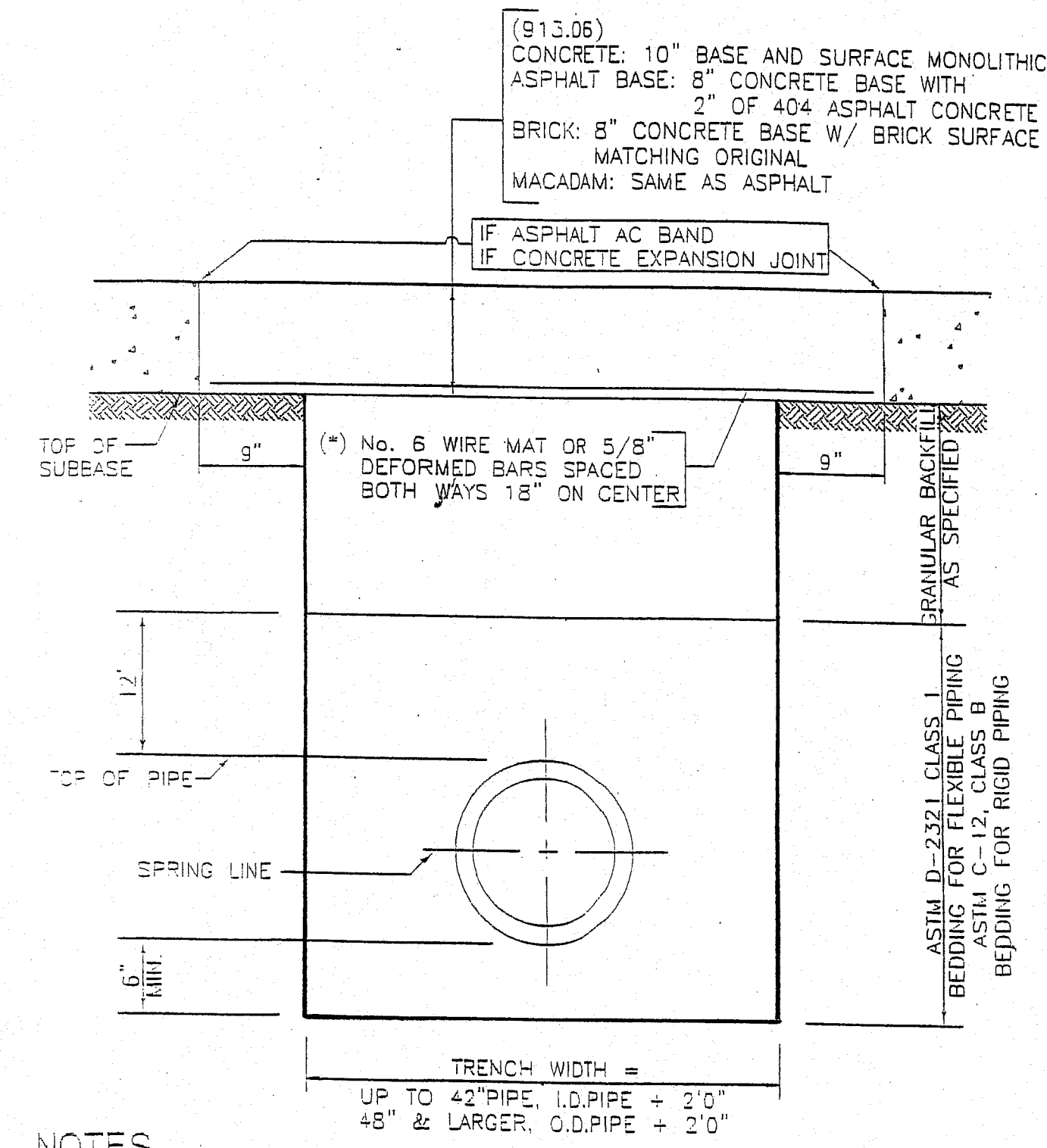


BALE PLACEMENT:
 BALES SHALL BE TIGHTLY PLACED, ADJACENTLY, AND ENTRENCHED 2" TO 3" BEFORE STAKING. OR A SMALL AMOUNT OF LOOSE SOIL SHALL BE LIGHTLY COMPACTED ALONG THE UPSTREAM EDGE OF THE BALES.
 EACH BALE SHALL BE FIRMLY STAKED WITH A MINIMUM OF 2 STAKES AT LEAST 3' IN LENGTH. STAKES SHALL BE WOODEN 2"x2" REINFORCING BARS OR FENCE POSTS, AS APPROVED BY THE ENGINEER.
 LOOSE STRAW OR HAY SHALL BE SCATTERED FOR A DISTANCE OF 10' ON THE UPSTREAM SIDE OF EACH DITCH CHECK, AND SHALL BE WEDGED BETWEEN AND UNDER STAKED BALES.
BASIS OF PAYMENT:
 STRAW OR HAY BALE INSTALLATION SHALL BE PAID FOR UNDER ITEM 207, EACH, STRAW OR HAY BALES. COST WILL INCLUDE PLACING, STAKING, MAINTAINING AND REMOVING.

STRAW OR HAY BALE INLET FILTER
 NO SCALE

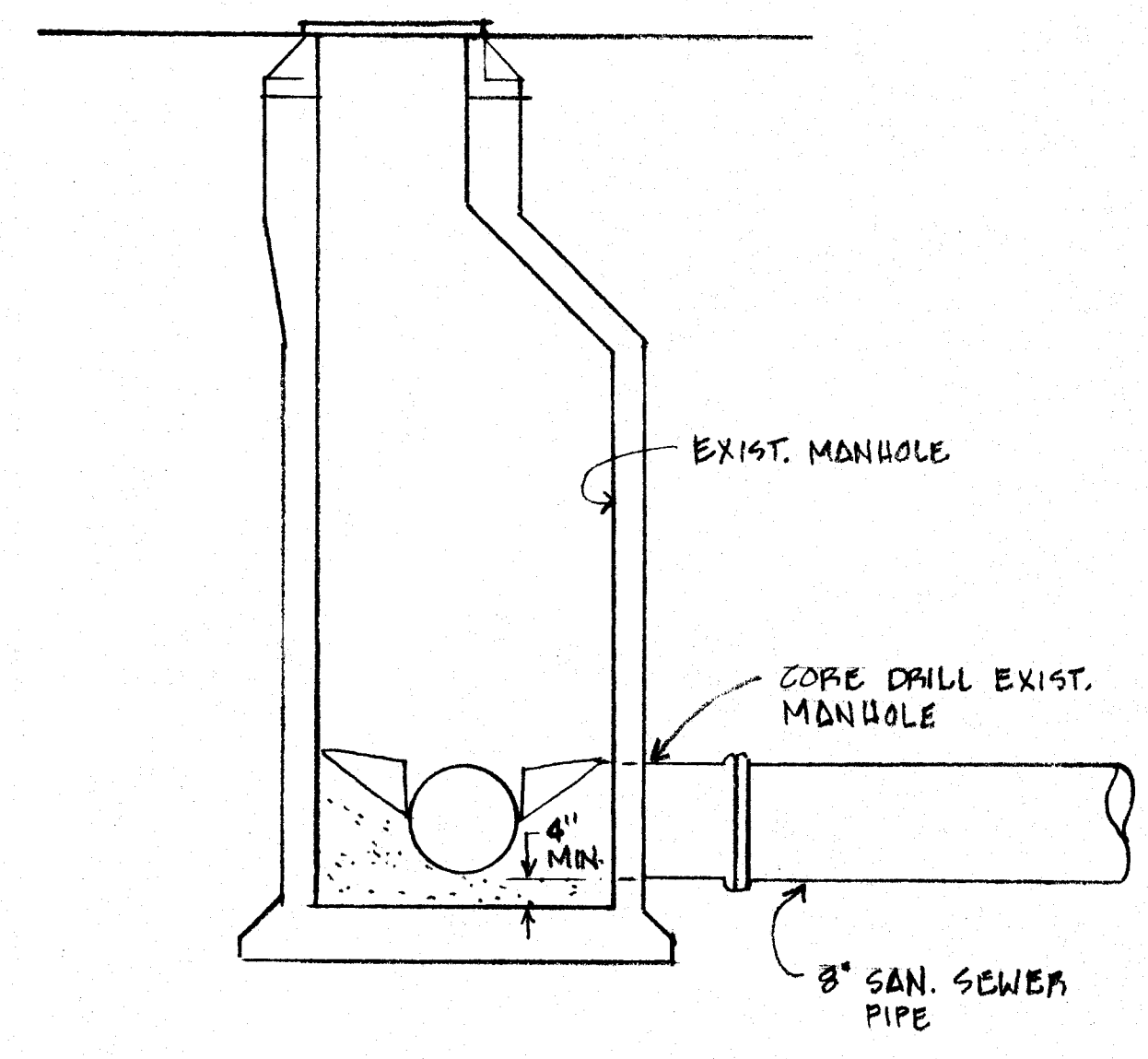


TEMPORARY ENTRANCE
 1" = 40'-0"



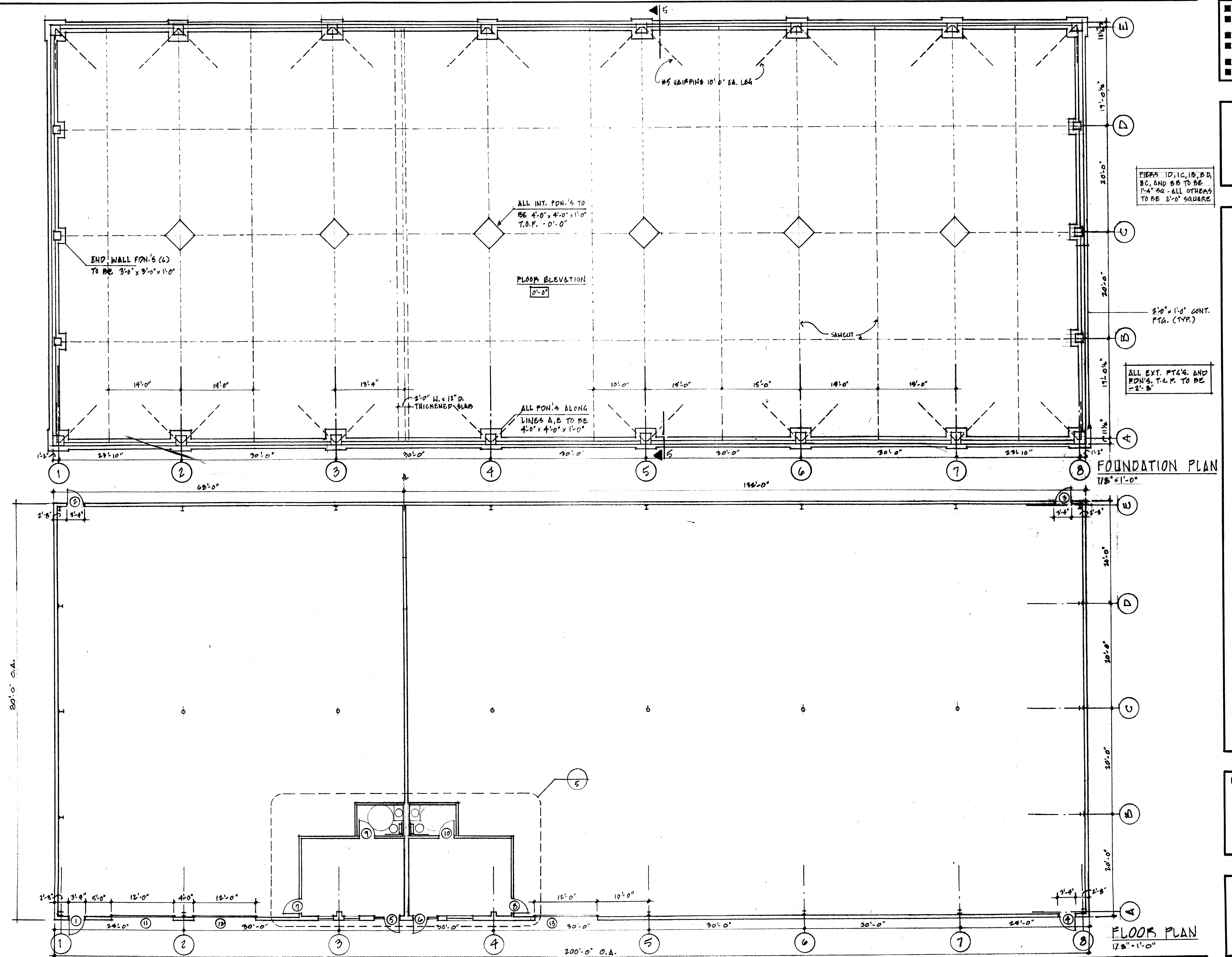
NOTES
 (*) MUST BE USED WHEN WIDTH OF TRENCH IS GREATER THAN 48" AT THE SUBBASE LEVEL.
 CONCRETE BASE SHALL BE OF 1:2:4, 6 BAG MIX, PORTLAND CEMENT CONCRETE USING HIGH EARLY STRENGTH CEMENT AND IT MUST BE CURED AT LEAST 48 HRS.

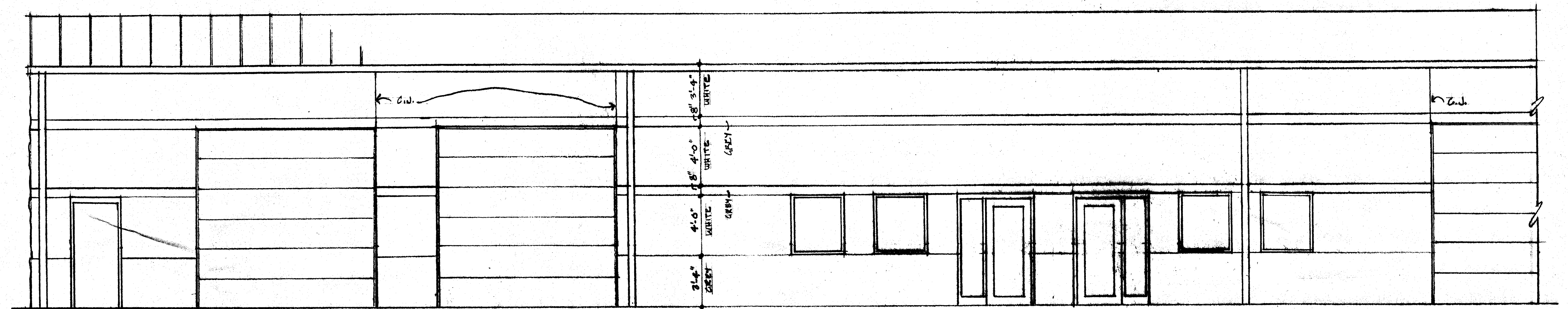
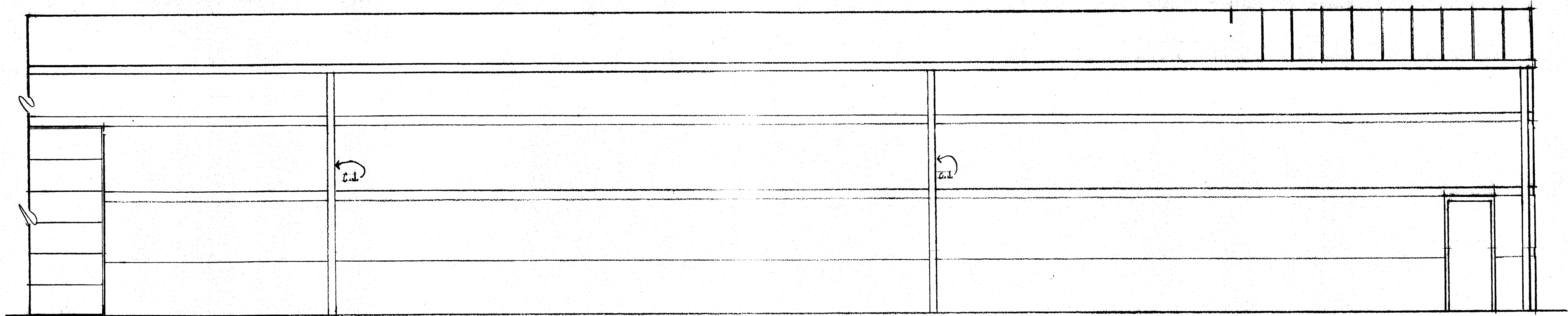
OPEN CUT ROAD REPAIR
 NTS



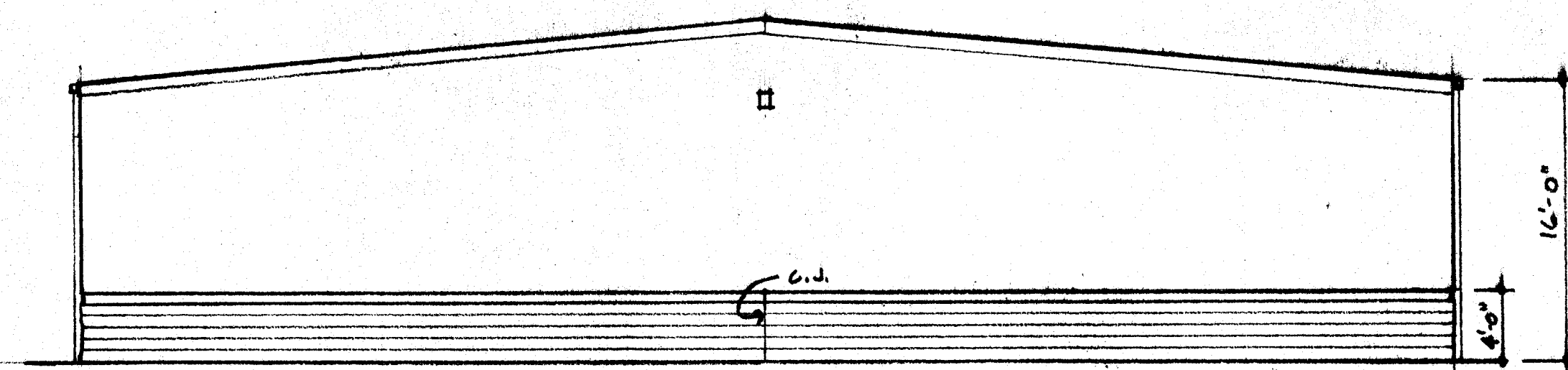
SAN. SEWER CONNECTION
 NTS

NOVA EAST FLEX SPACE
 VENTURE CIRCLE SE
 MARIETTA, OHIO

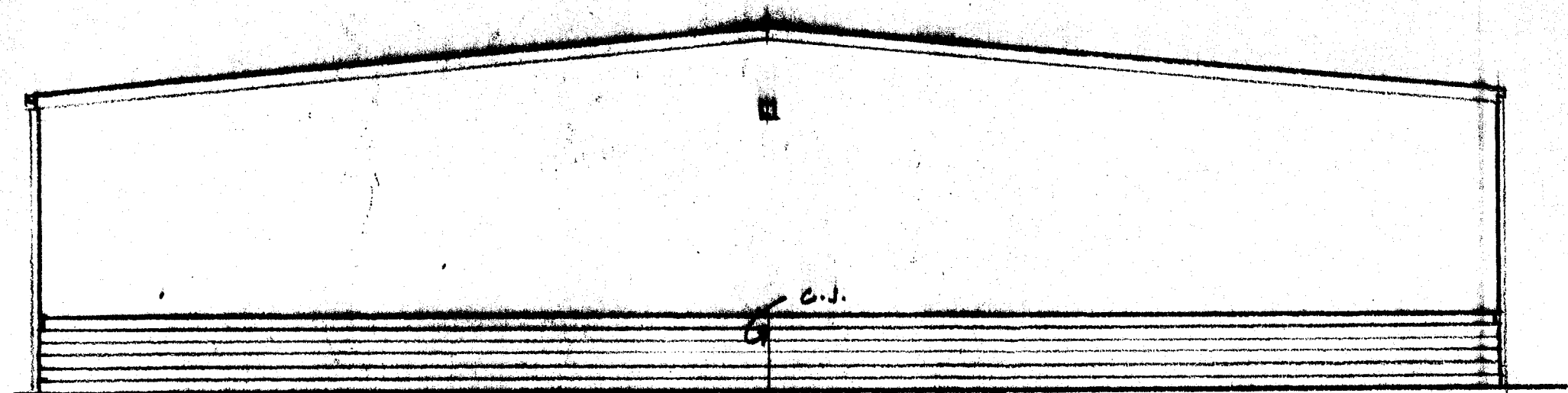




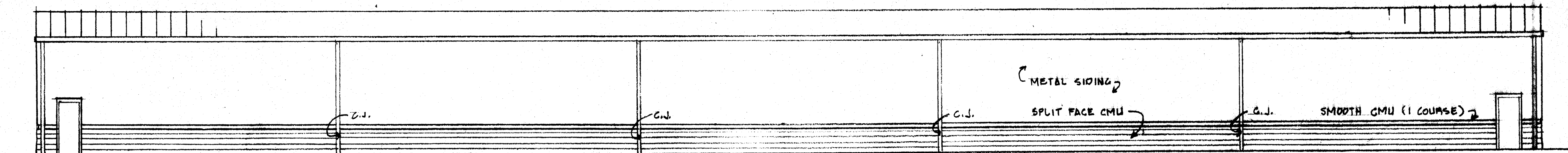
EAST ELEVATION
 1/4" = 1'-0"



NORTH ELEVATION
 1/8" = 1'-0"



SOUTH ELEVATION
 1/8" = 1'-0"

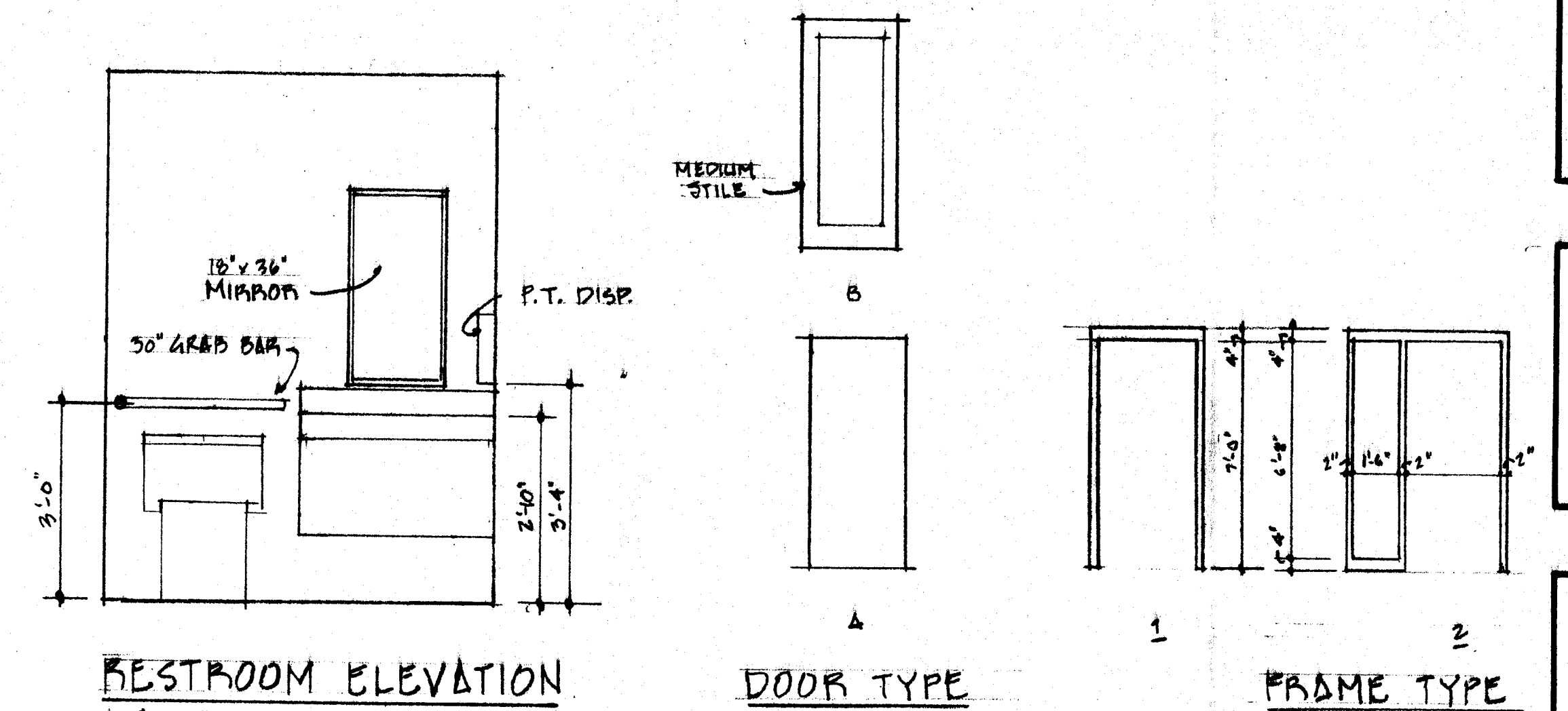
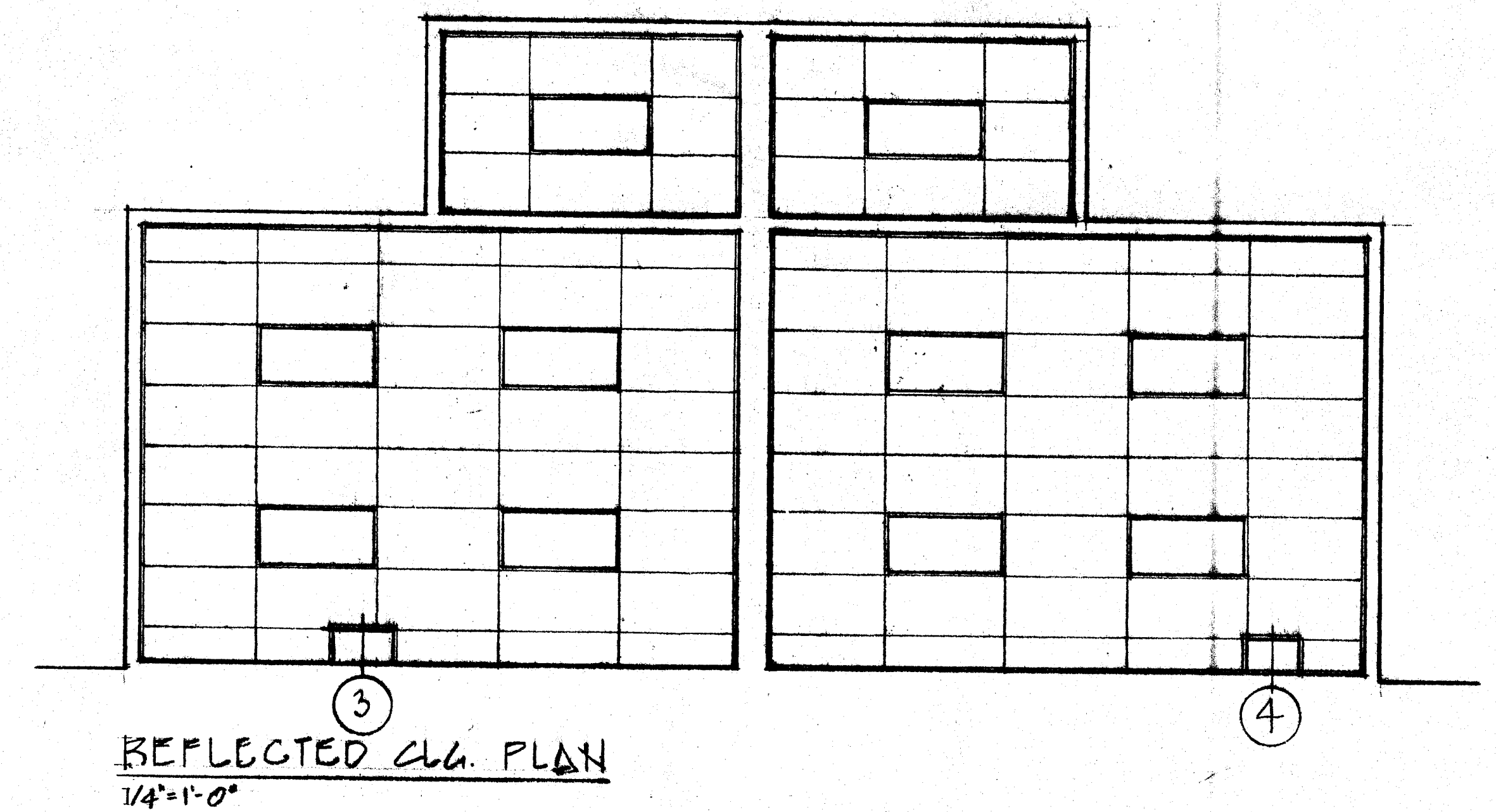
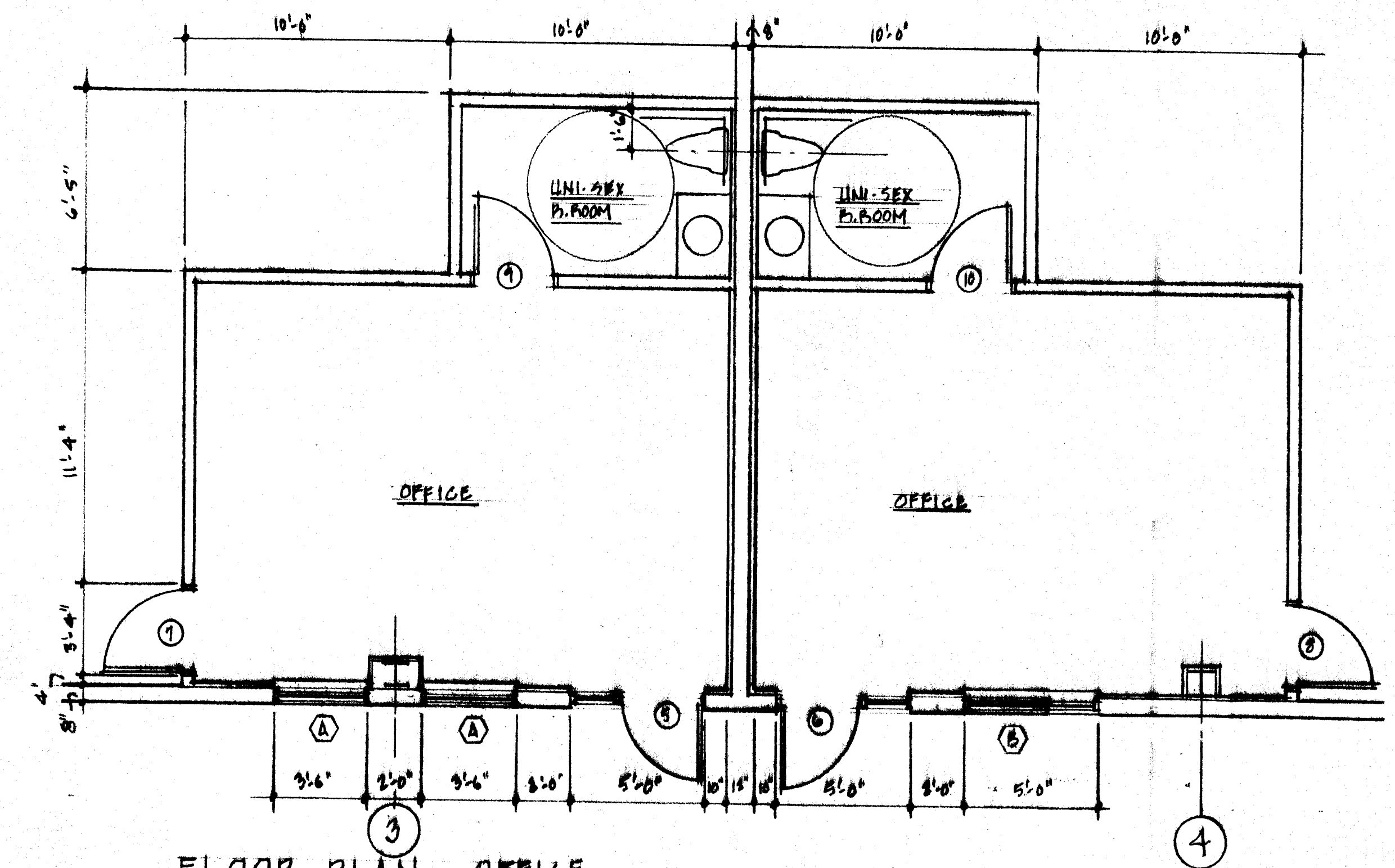


WEST ELEVATION
 1/8" = 1'-0"

NOVA EAST FLEX SPACE
 VENTURE CIRCLE S.E. — MASSILLON, OHIO

11.22.04

NOVA EAST FLEX SPACE
VENTURE CIRCLE SE, MASSILLON, OHIO



						DOOR SCHEDULE						
DOOR		FRAME		HARDWARE								
NO.	SIZE	MAT.	TYPE	MAT.	TYPE	CLOSER	T'HOLD	W'STRIP	1/2 PA BUTTS	LOCK SET	PANACH	BUMPER
1	3'-0" x 7'-0" x 13/16"	HM.	A	HM	1	●	●	●	●	●		
2	"	"	A	"	1	●	●	●		●		
3	"	"	A	"	1	●	●	●		●		
4	"	"	A	"	1	●	●	●		●		
5	"	ALUM	B	ALUM	2	●	●	●		●		
6	"	ALUM	B	ALUM	2	●	●	●		●		
7	"	WD	A	HM	1					●		
8	"	"	A	"	1					●		●
9	"	"	A	"	1						●	●
10	"	"	A	"	1				▼		●	●
11	12'-0" x 12'-0" x 1 1/2"	STL	C	N/A	N/A	—	—	—	●	—	●	●
12	"	"	C	N/A	N/A	—	—	—	—	—	—	—
13	"	"	C	N/A	N/A	—	—	—	—	—	—	—

- 1 ALL WORK BY THE ELECTRICAL CONTRACTOR TO CONFORM TO THE 2002 N.E.C. ALL STATE AND LOCAL CODES.
- 2 ALL WORK TO BE INSTALLED IN A WIRING METHOD APPROVED BY THE N.E.C. ACCORDING TO THE BUILDING CLASSIFICATION. ALL WIRE TO BE COPPER WITH THHN/THWN INSULATION, MINIMUM SIZE #12 AWG UNLESS OTHERWISE NOTED.
- 3 COORDINATE LOCATIONS OF EQUIPMENT WITH OWNER PRIOR TO INSTALLATION.

FIXTURE LEGEND

	2x4 STRIP LITHONIA# C 2 96 120 ES PLF
	2x4 LAYIN LITHONIA# 2GT 3 32 A12 120 1/3
	WALL PAK W/ INTEGRAL PHOTO EYE LITHONIA# 6ELM2 CONNECT AHEAD OF SWITCHING
	2 LAMP EMERGENCY UNIT LITHONIA# 6ELM2 CONNECT AHEAD OF SWITCHING
	EX/EM COMBO UNIT W/ REMOTE CAPABILITY LITHONIA# LHQM S W 1 R 120/277 HD CONNECT AHEAD OF SWITCHING
	EX/EM COMBO UNIT LITHONIA# LHQM S W 1 R 120/277 CONNECT AHEAD OF SWITCHING
	REMOTE EMERGENCY EXIT DISCHARGE LIGHT LITHONIA# ELA NX HD606

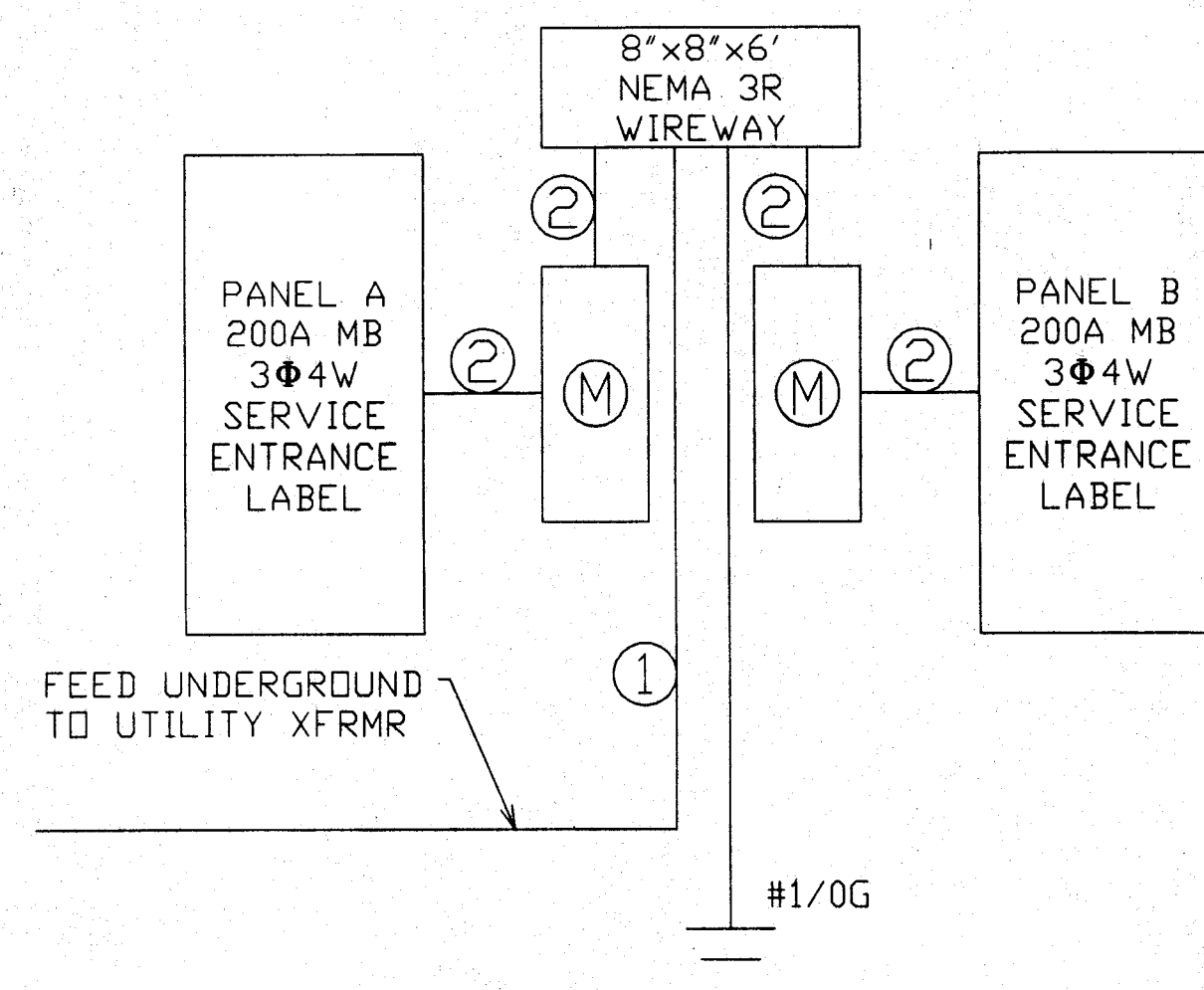
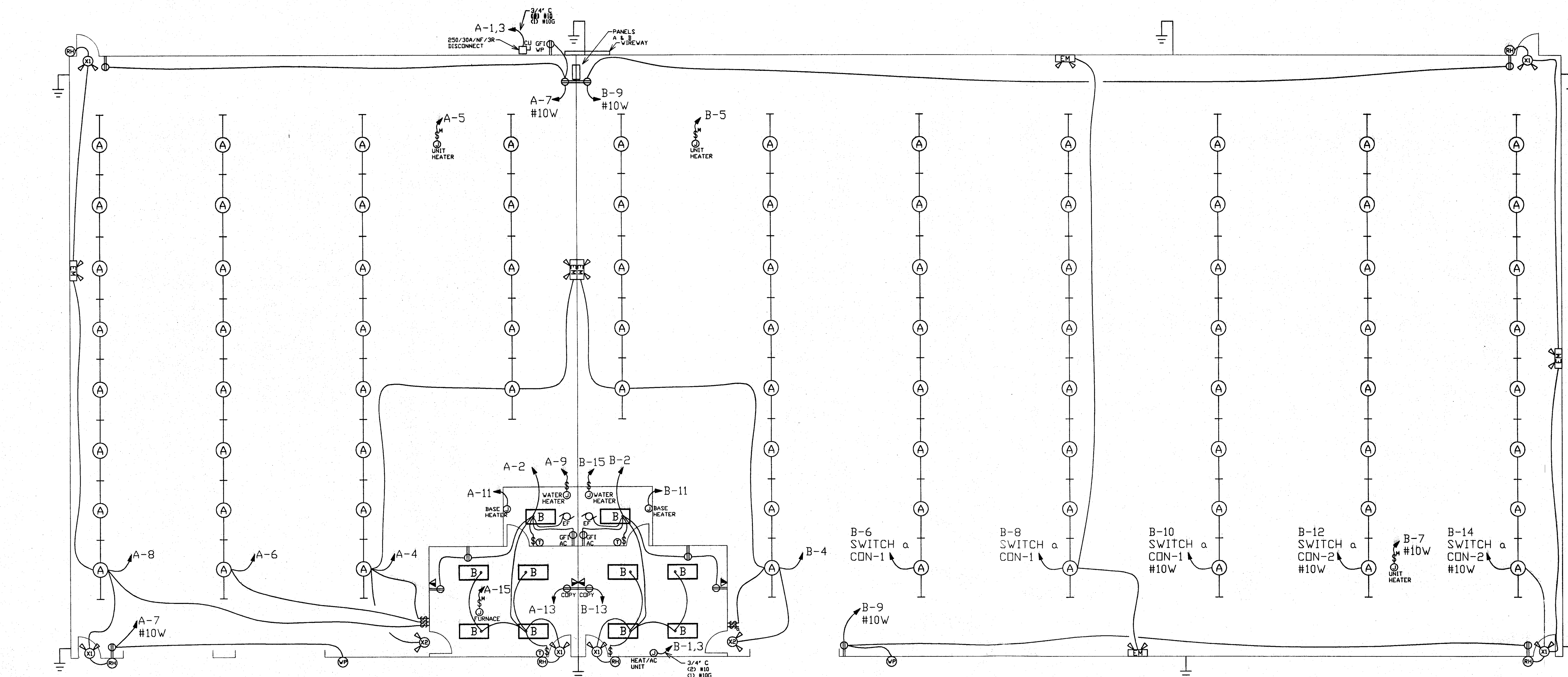
SYMBOL LEGEND

	120V 20A DUPLEX RECEPTACLE
	277V 20A IP SWITCH
	MANUAL MOTOR STARTER
	HEAVY DUTY DISCONNECT SWITCH VOLTS/AMPS/FUSING/NEMA AS INDICATED
	FRACTIONAL HP EXHAUST FAN CONNECTION
	JUNCTION BOX
	WALL STAT PROVIDE 4SQ BDX, PL RING, AND 3/4" CONDUIT STUB
	PHONE/DATA OUTLET PROVIDE 4SQ BDX, PL RING, AND 3/4" CONDUIT STUB
	STRUCTURAL STEEL GROUNDING #3/0 BARE CU CONDUCTOR EXOTHERMIC CADWELD CONNECTIONS

GF: DENOTES GROUND FAULT INTERRUPTING
AC: DENOTES ABOVE COUNTER
WP: DENOTES WEATHER PROOF COVER

ELECTRICAL FLOOR PLAN

SCALE: 1/8" = 1'



SERVICE RISER

FEEDER SCHEDULE

CONDUCTORS	CONDUIT
① (3) #750 ALUM. (1) #750N ALUM.	4" CONDUIT
② (3) #3/0 CU (1) #3/0N CU (1) #6G CU	2" CONDUIT

LOAD CALC.

PANEL "A" LOAD = 12966VA
PANEL "B" LOAD = 15953VA
TOTAL LOAD = 28919VA
28919VA / 208V = 80 AMPS
208V x 1.73

GROUNDING ELECTRODE SYSTEM NOTES
PER N.E.C. 250

THE GROUNDING ELECTRODE SYSTEM SHALL CONSIST OF THE FOLLOWING AND SHALL BE BONDED TOGETHER:

1. METAL UNDERGROUND WATER PIPE
A. CONDUCTOR SIZED PER 250.66 - #1/0 CU
B. PROVIDE CLAMPS TO JUMP THE WATER METER AND ANY NON-METALLIC PIPE SECTIONS MAKING THE SYSTEM CONTINUOUS
2. EFFECTIVELY GROUNDING BUILDING STEEL
A. CONDUCTOR SIZED PER 250.66 - #1/0 CU
B. CADWELD CONNECTION
3. CONCRETE ENCASED ELECTRODE
A. #4 CU CONDUCTOR 20' IN LENGTH
B. ENCASED BY 2" OF CONCRETE LOCATED WITHIN AND NEAR THE BOTTOM OF A CONCRETE FOUNDATION OR FOOTING IN DIRECT CONTACT WITH THE EARTH
4. ROD ELECTRODE
A. #6 CU CONDUCTOR (MINIMUM)
B. 3/4" x 10' GROUND ROD
C. WHERE RESISTANCE TO GROUND IS NOT 25 OHMS OR LESS PROVIDE ONE ADDITIONAL ROD. RODS SHALL BE 6' APART (MINIMUM)
5. TELECOMMUNICATIONS
A. #6 CU CONDUCTOR
B. PROVIDE CONNECTION AT DEMARK PER UTILITY REQUIREMENT

PANEL "A"
120/208V 3Φ 4W 200A MB
SURFACE MOUNT, BOTTOM FEED, ALUMINUM BUSS
10K AIC RATED.

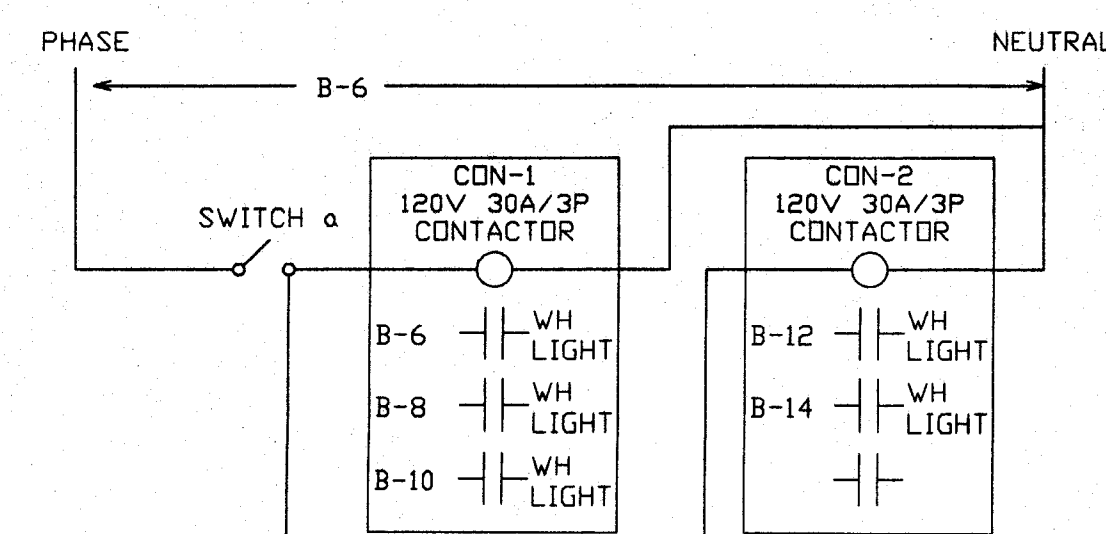
A PHASE: LOAD = 5788 WATTS CURRENT = 48 AMPS
B PHASE: LOAD = 5000 WATTS CURRENT = 42 AMPS
C PHASE: LOAD = 2178 WATTS CURRENT = 18 AMPS

LOCATION	BREAKER	LOAD-W	CIRCUIT	PHASE	CIRCUIT	LOAD-W	BREAKER	LOCATION
CONDENSING UNIT	30/2 HACR	2000	1	A	2	1075	20/1	OFFICE
UNIT HEATER	20/1	500	5	C	6	928	20/1	WH LTS
RECEPTACLES	20/1	785	7	A	8	928	20/1	WH LTS
WATER HEAT	20/1	1000	9	B	10		20/1	SPARE
BASE HEATER	20/1	750	11	C	12		20/1	SPARE
COPIER	20/1	1000	13	A	14		20/1	SPARE
FURNACE	20/1	500	15	B	16		20/1	SPARE
			17	C	18			
			19	A	20			
			21	B	22			
			23	C	24			
			25	A	26			
			27	B	28			
			29	C	30			

PANEL "B"
120/208V 3Φ 4W 200A MB
SURFACE MOUNT, BOTTOM FEED, ALUMINUM BUSS
10K AIC RATED.

A PHASE: LOAD = 6431 WATTS CURRENT = 54 AMPS
B PHASE: LOAD = 6416 WATTS CURRENT = 54 AMPS
C PHASE: LOAD = 3106 WATTS CURRENT = 26 AMPS

LOCATION	BREAKER	LOAD-W	CIRCUIT	PHASE	CIRCUIT	LOAD-W	BREAKER	LOCATION
HEAT/AC UNIT	30/2 HACR	2000	1	A	2	1075	20/1	OFFICE
UNIT HEATER	20/1	500	5	C	6	928	20/1	WH LTS
UNIT HEATER	20/1	500	7	A	8	928	20/1	WH LTS
EXIT LTS/REC	20/1	980	9	B	10	928	20/1	WH LTS
BASE HEATER	20/1	750	11	C	12	928	20/1	WH LTS
COPIER	20/1	1000	13	A	14	928	20/1	WH LTS
WATER HEAT	20/1	1000	15	B	16		20/1	SPARE
			17	C	18			
			19	A	20			
			21	B	22			
			23	C	24			
			25	A	26			
			27	B	28			
			29	C	30			



LIGHTING CONTROL



SPRING ELECTRIC COMPANY
923 14TH STREET NE
CANTON, OHIO 44714-2595
PHONE: 330-456-4527
FAX: 330-456-4541
springelectric@earthlink.net

11/12/04

S&A VENTURE, LTD.

1441, 1445 VENTURE CIRCLE SE
MASSILON, OH

ELECTRICAL PLAN

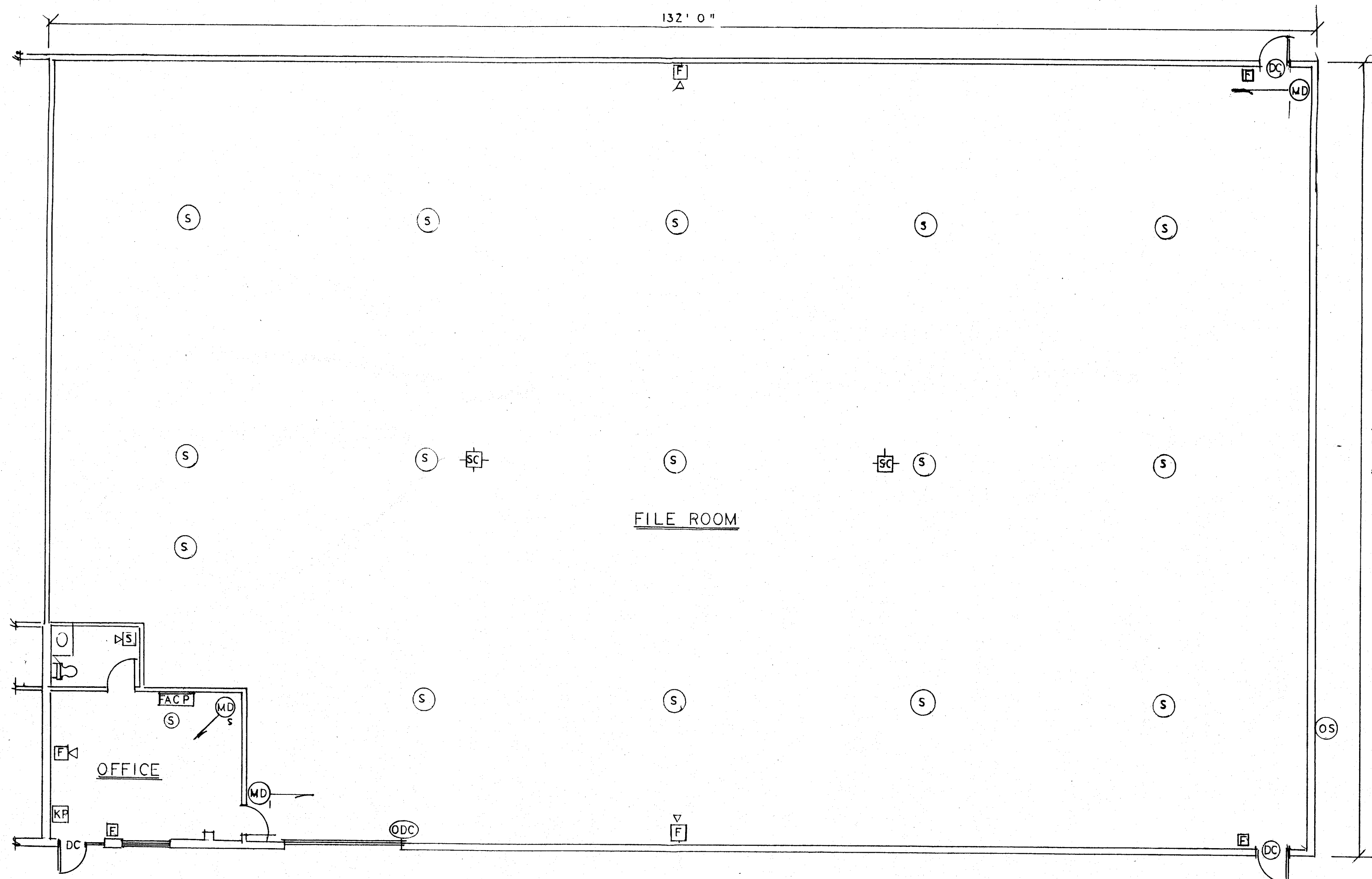
E1



(current values will be expressed in mA)

Note: An auxiliary power system will be furnished which will bring the supply battery standby to 28 AH

FLOOR PLAN
MERCY MEDICAL WAREHOUSE
VENTURA CIRCLE S.E.
MASSILLON OHIO



TOLERANCES (UNLESS AS NOTED)		REVISIONS			NOVA EAST FLEX SPACE		
DECIMAL	NO.	DATE	BY				
$\frac{1}{16}$	1						
FRACTIONAL	2						
$\pm$	3			DRAWN BY	SCALE 1/8" = 1' 0"	MATERIAL	
ANGULAR	4			CHK'D	DATE	DRAWING NO.	