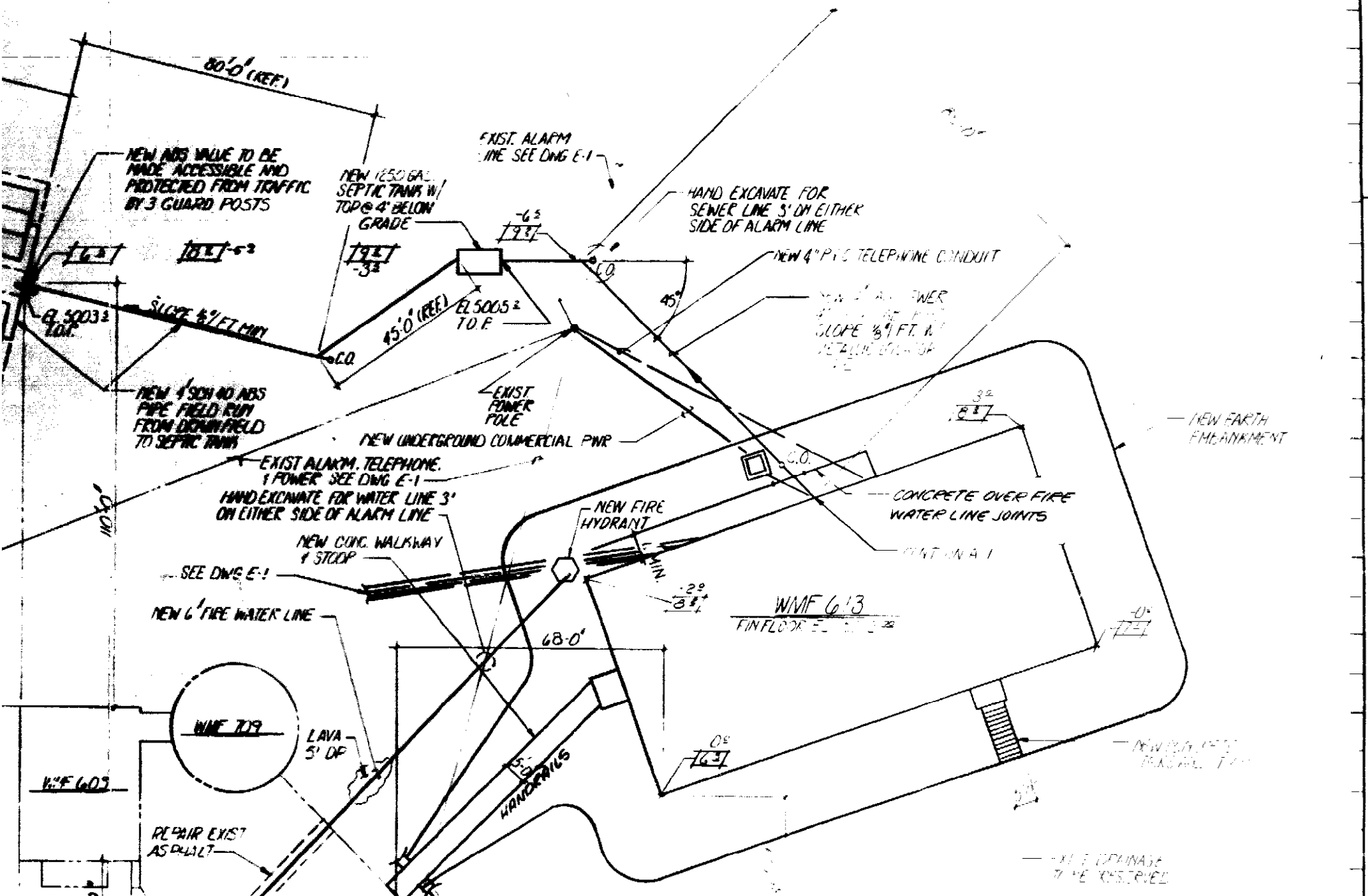
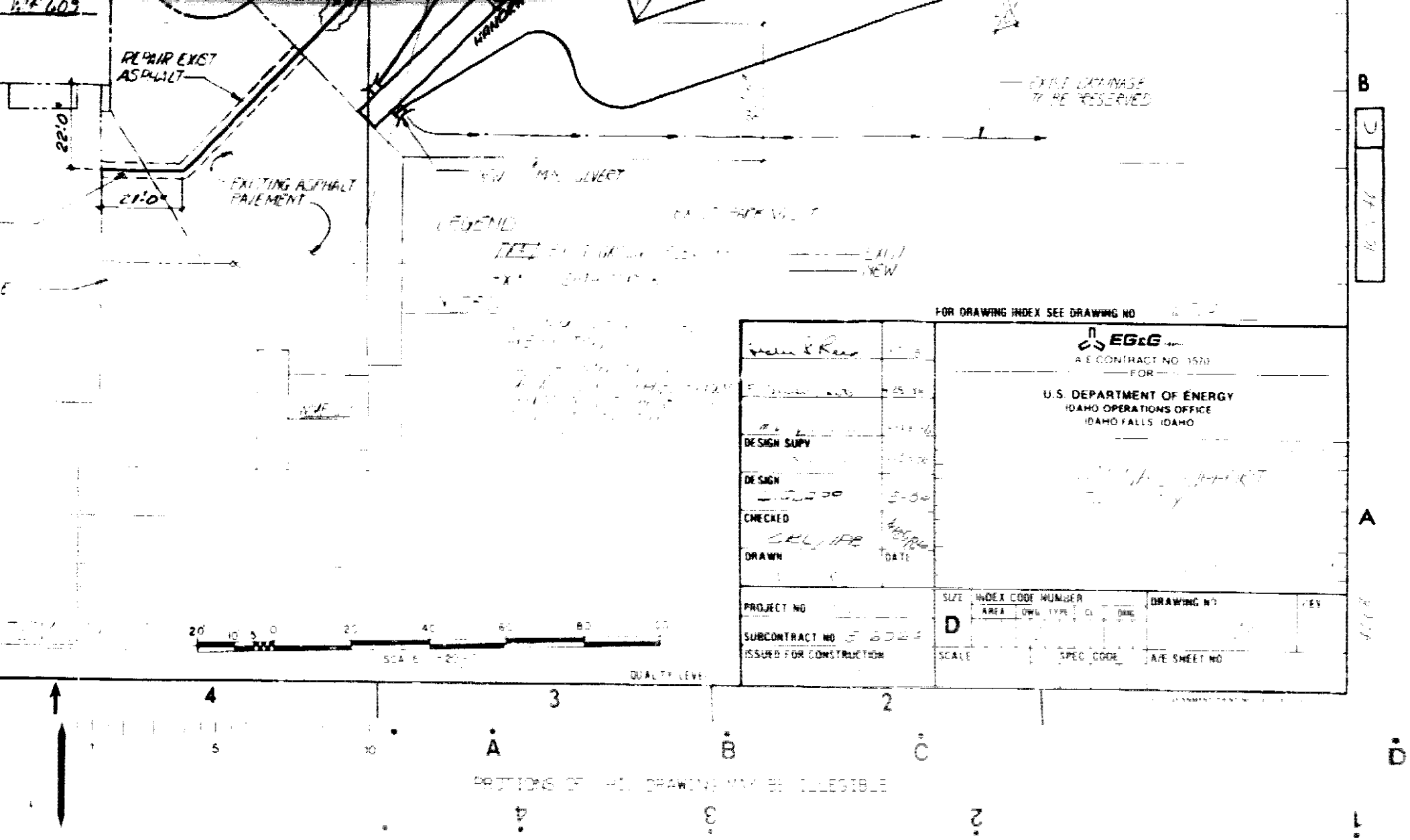
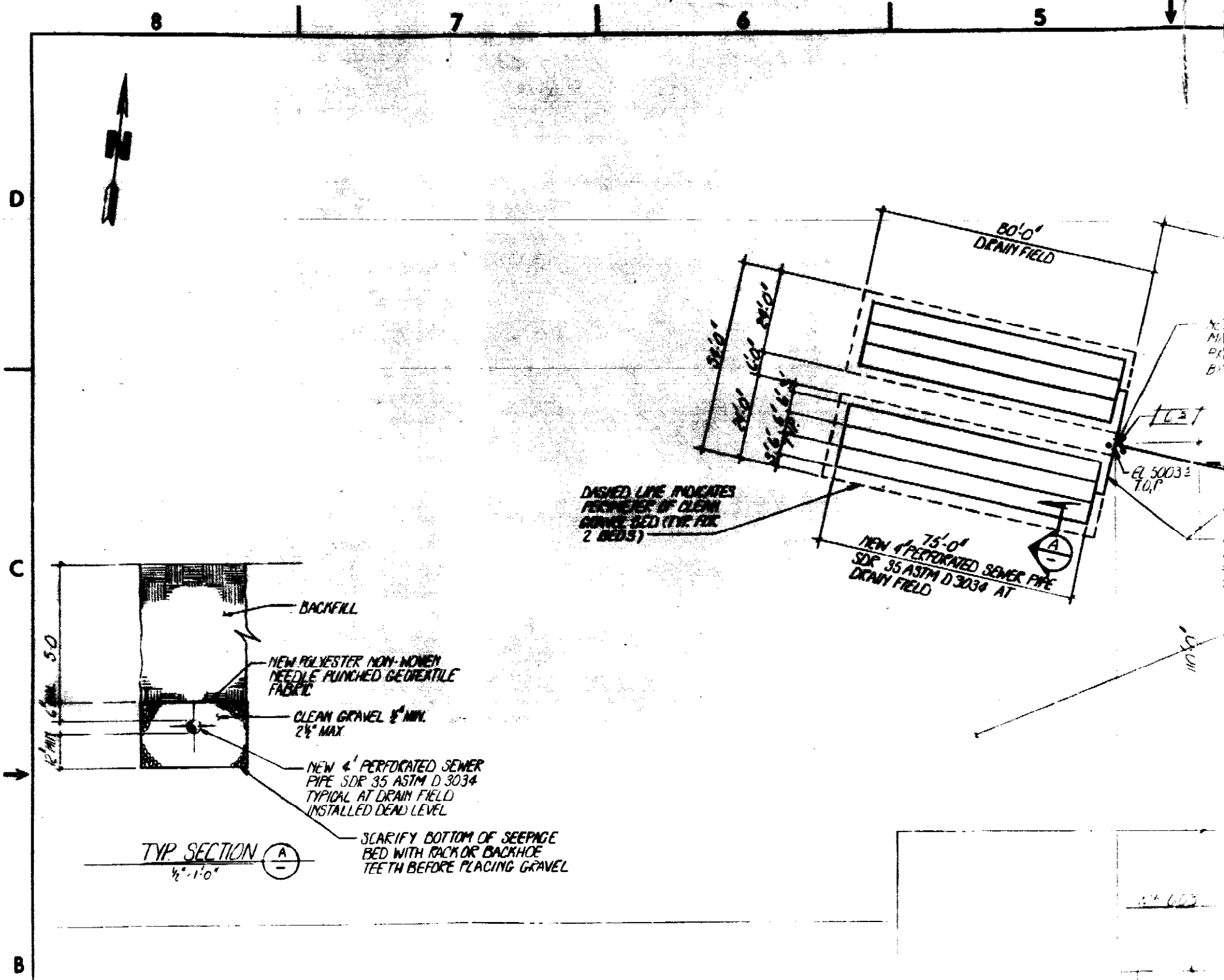
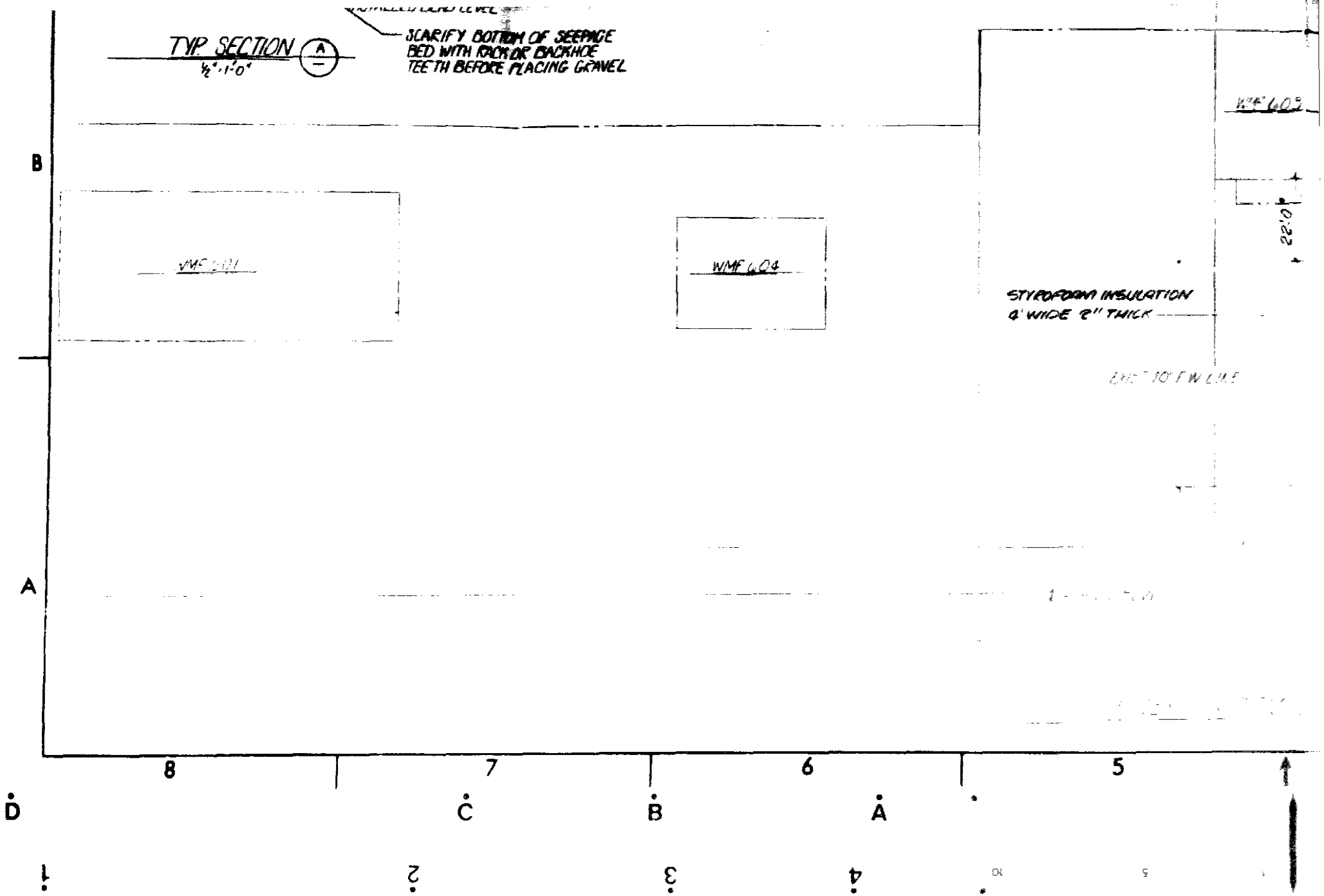
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	GEN REV.		
	B	GEN REV		
	C	AS BUILT	5/4/90	

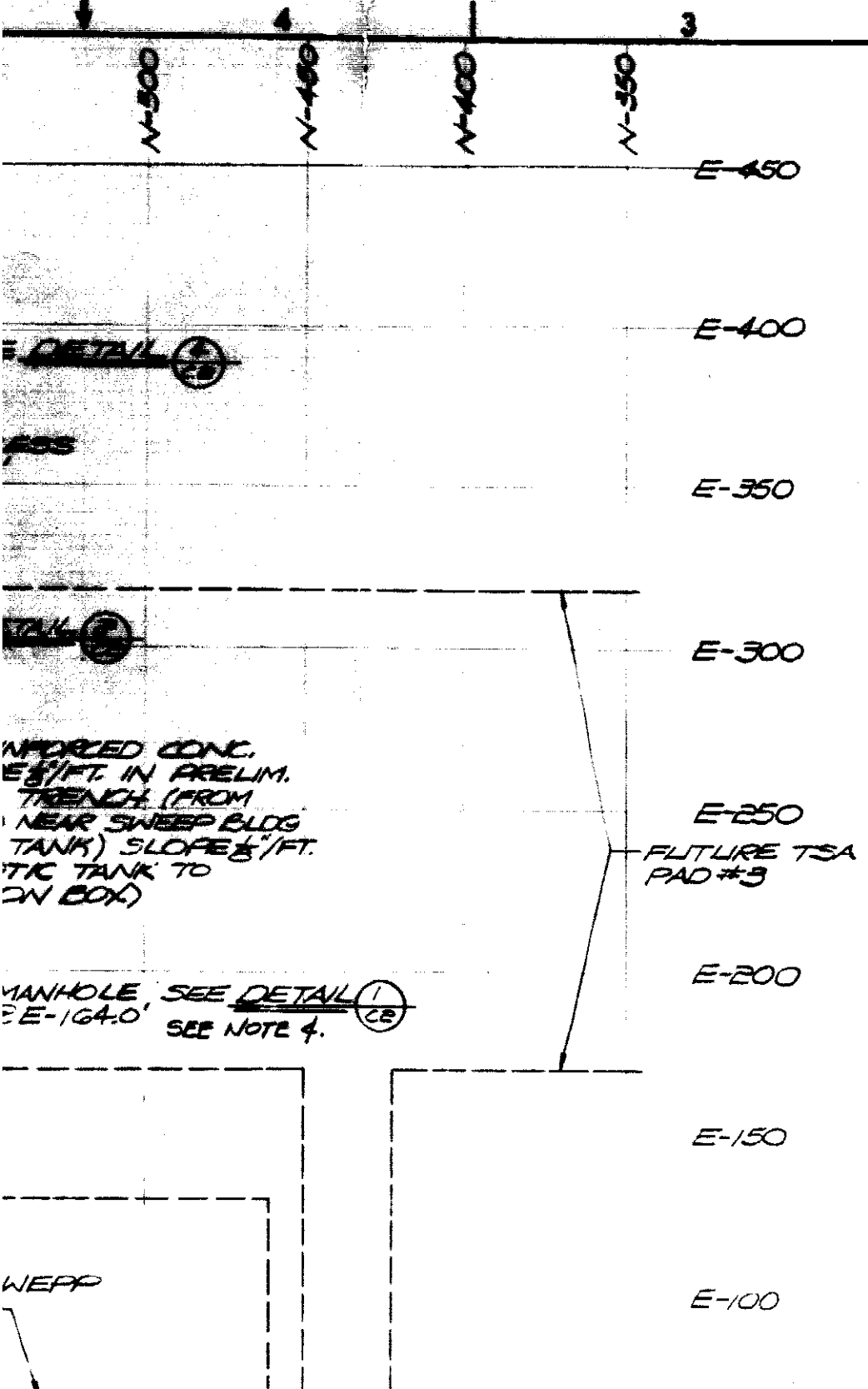



REPAIR EXIST ASPHALT
22'-0"
21'-0"
EXISTING ASPHALT PAVEMENT
EXIST DRAINAGE TO BE RESERVED
LEGEND
EXIST
NEW
FOR DRAWING INDEX SEE DRAWING NO
EGtG
A E CONTRACT NO 1570
FOR
U.S. DEPARTMENT OF ENERGY
IDAHO OPERATIONS OFFICE
IDAHO FALLS IDAHO
DESIGN SUPV
DESIGN
CHECKED
DRAWN
DATE
PROJECT NO
SUBCONTRACT NO
ISSUED FOR CONSTRUCTION
SIZE
D
INDEX CODE NUMBER
AREA
DWG TYPE
DRAWING NO
REV
SCALE
SPEC CODE
A/E SHEET NO
SCALE
QUALITY LEVEL
PORTIONS OF THIS DRAWING MAY BE ILLEGIBLE


8
7
6
5
D
C
B
80'-0"
DRAIN FIELD
75'-0"
NEW 4" PERFORATED SEWER PIPE
SDR 35 ASTM D 3034 AT
DRAIN FIELD
DASHED LINE INDICATES
PERIMETER OF CLEAN
GRAVEL BED (TYP. FOR
2 BEDS)
EL 5003.3
T.O.P.
BACKFILL
NEW POLYESTER NON-WOVEN
NEEDLE PUNCHED GEOTEXTILE
FABRIC
CLEAN GRAVEL ½" MIN.
2½" MAX.
NEW 4" PERFORATED SEWER
PIPE SDR 35 ASTM D 3034
TYPICAL AT DRAIN FIELD
INSTALLED DEAD LEVEL
SCARIFY BOTTOM OF SEEPAGE
BED WITH RACK OR BACKHOE
TEETH BEFORE PLACING GRAVEL
TYP. SECTION A
½"=1'-0"

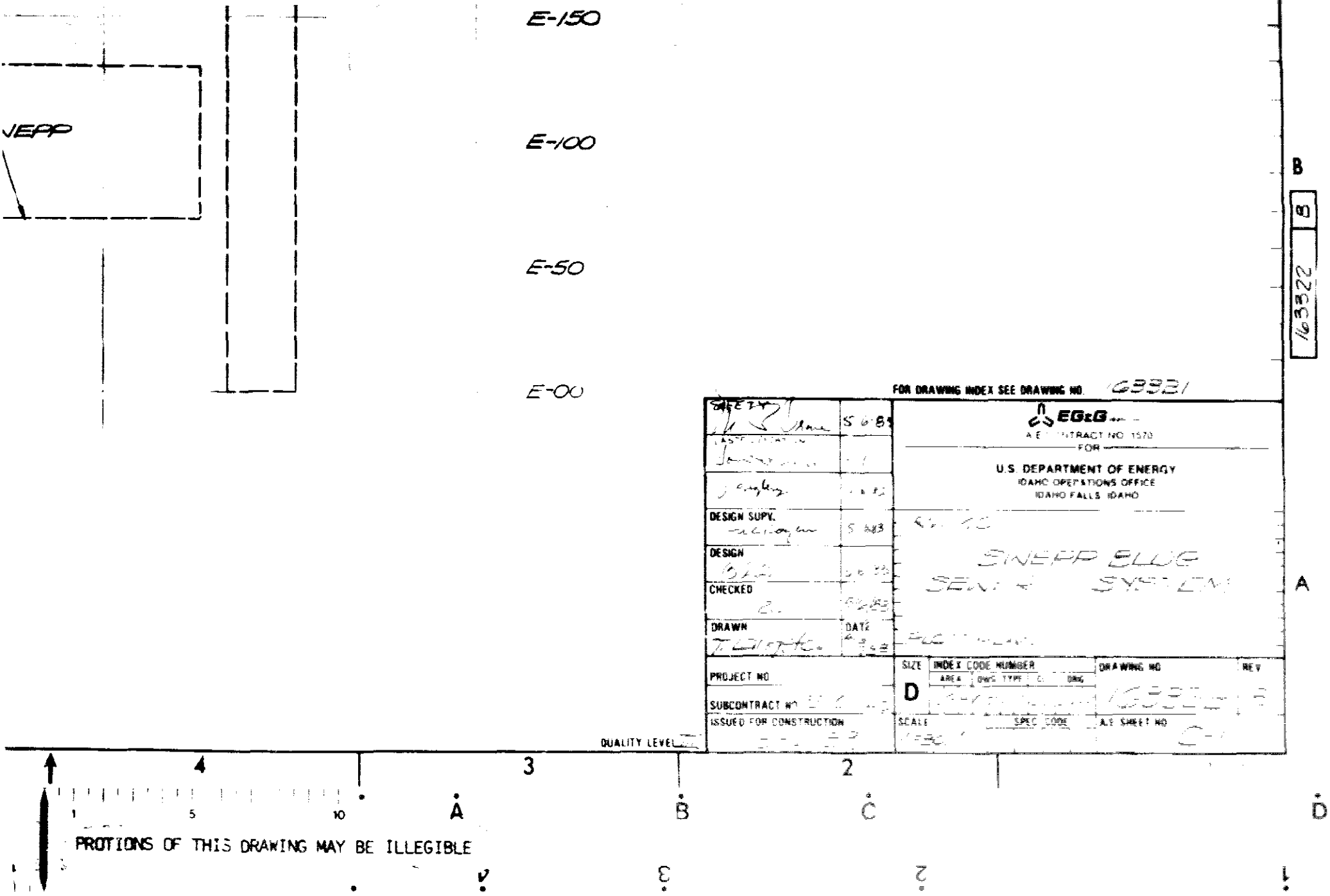

TYP. SECTION A
½" = 1'-0"
SCARIFY BOTTOM OF SEEPAGE BED WITH RACK OR BACKHOE TEETH BEFORE PLACING GRAVEL
WMF 605
WMF 604
STYROFOAM INSULATION 6' WIDE 2" THICK
22'0"
B
A
8
7
6
5
D
C
B
A
1
2
3
4

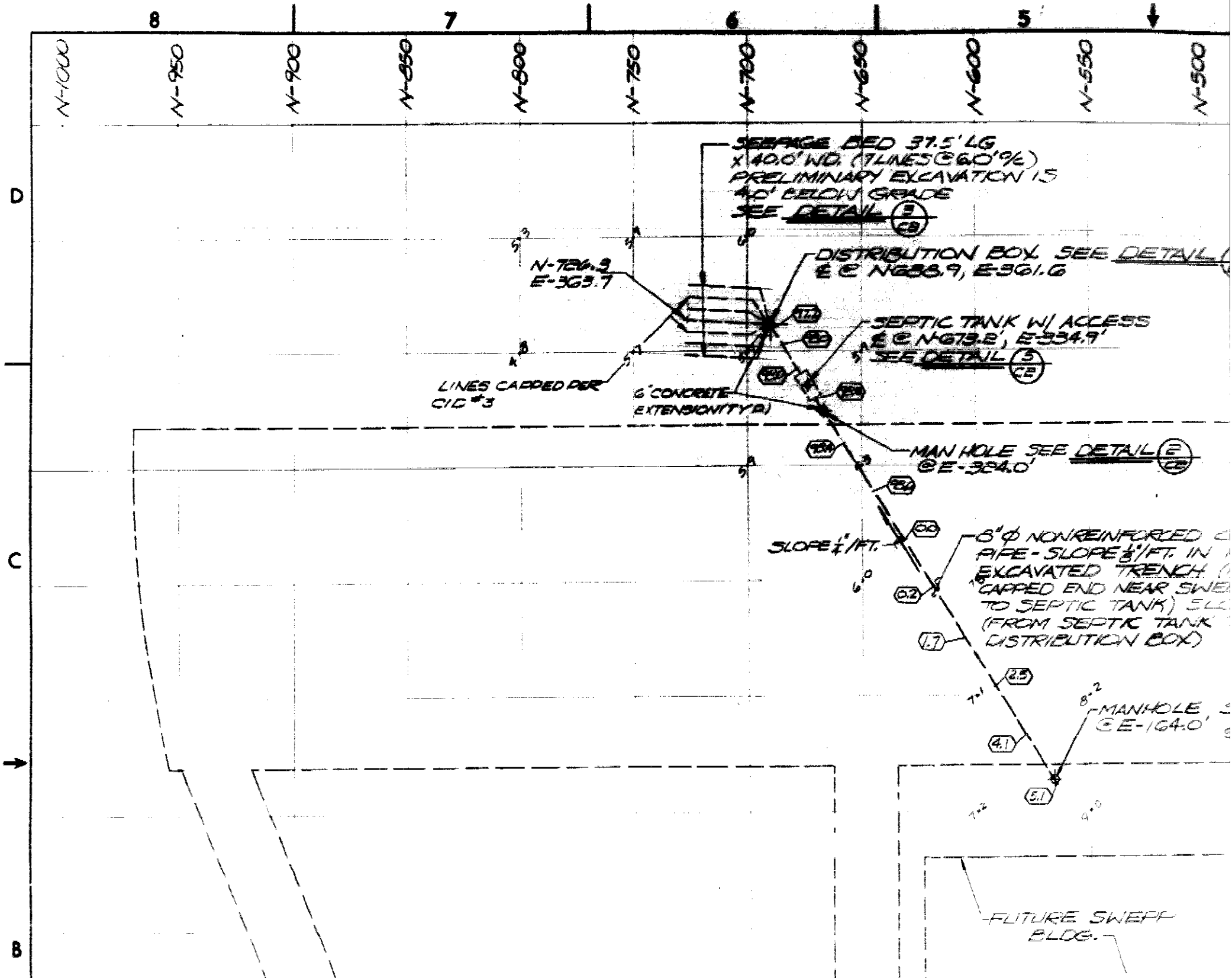
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	AS BUILT R.S.G.	8-4-89	[illegible]
	B	SEE B DCN	6-21-91	[illegible]

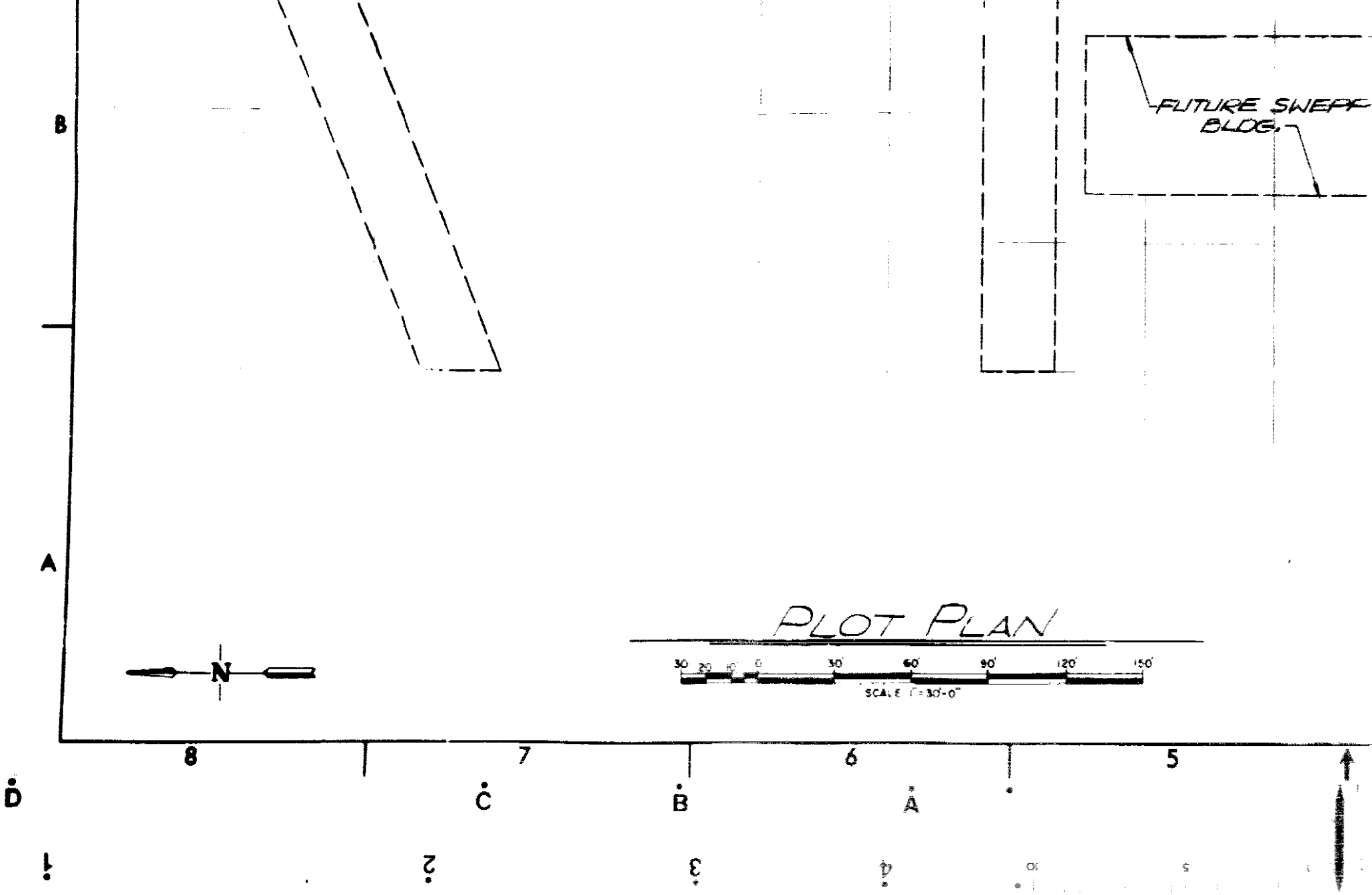


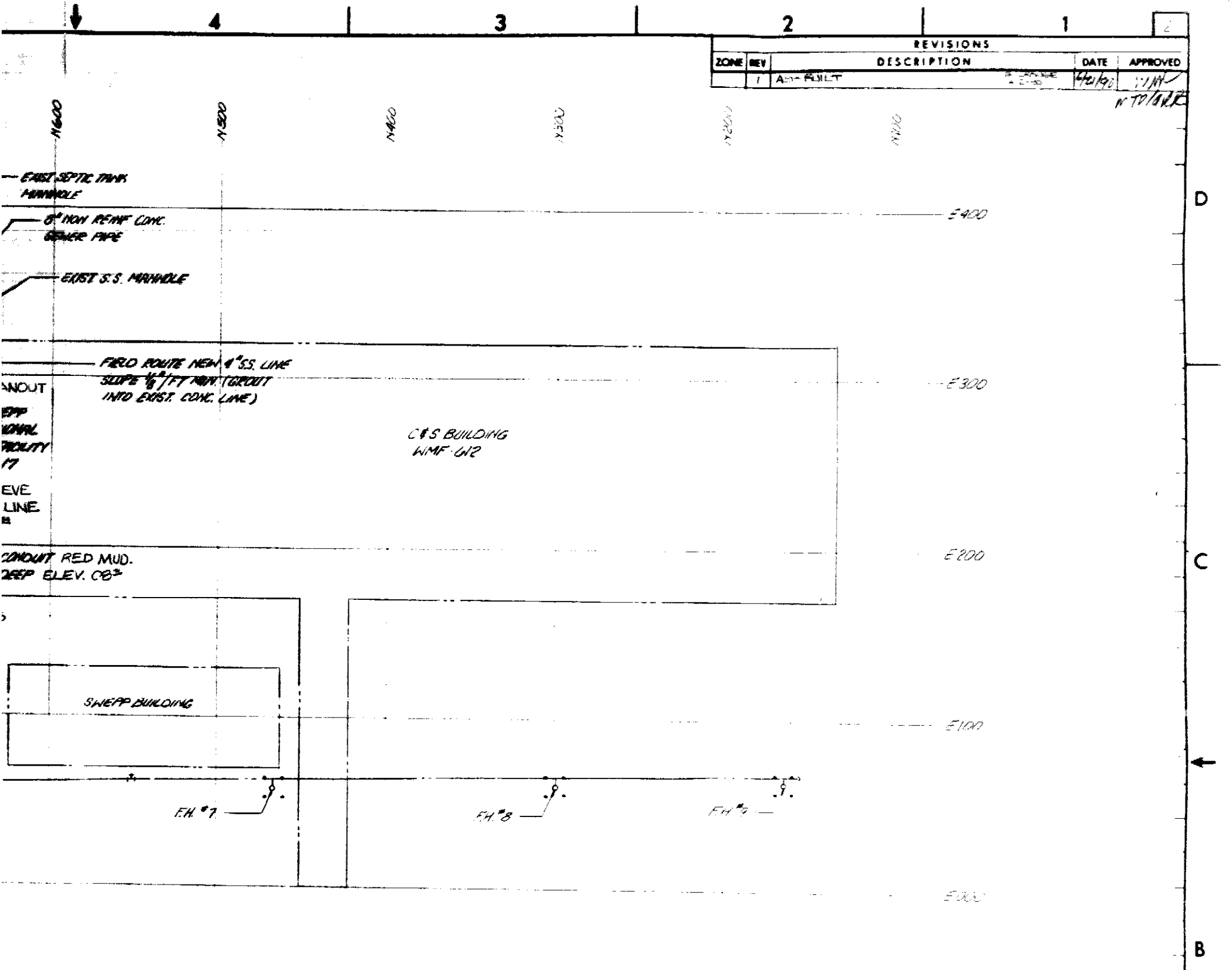
NOTES:

1. DATUM ELEV. IS 5000.0'
2. 1.2 = EXIST GRADE ELEV.
3. (5.1) = BOTTOM ELEV. OF PRELIMINARY EXCAVATED TRENCH.
4. FOR MANHOLE LOCATION, SEE DETAIL A/C1 DRAWING # 162996

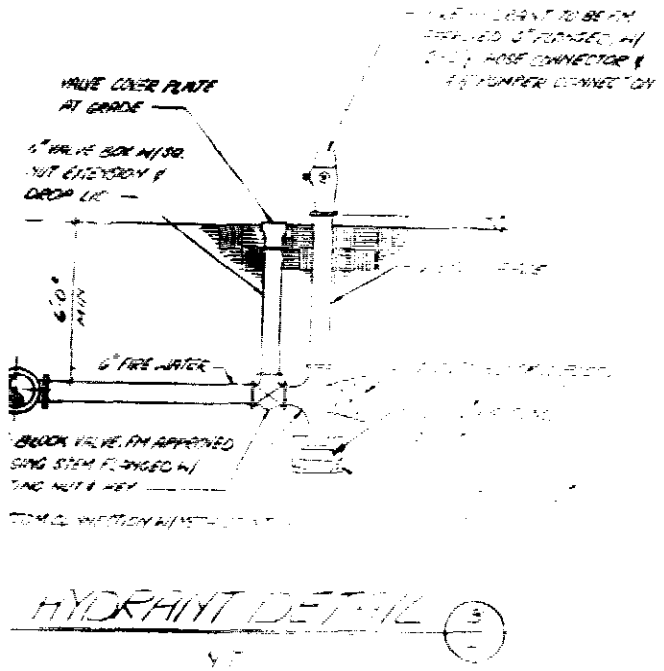

E-150
E-100
E-50
E-00
NEPP
B
163322
FOR DRAWING INDEX SEE DRAWING NO. 163321
EG&G
A.E. CONTRACT NO. 1570
FOR
U.S. DEPARTMENT OF ENERGY
IDAHO OPERATIONS OFFICE
IDAHO FALLS, IDAHO
DESIGN SUPV.
DESIGN
CHECKED
DRAWN
DATE
SWEPP BLDG
SEWER SYSTEM
PROJECT NO
SUBCONTRACT NO
ISSUED FOR CONSTRUCTION
SIZE
D
INDEX CODE NUMBER
AREA
DWG TYPE
DRAWING NO
REV
SCALE
SPEC CODE
A.E. SHEET NO
QUALITY LEVEL
A
4
3
2
1
5
10
PROTIONS OF THIS DRAWING MAY BE ILLEGIBLE


8
7
6
5
N-1000
N-950
N-900
N-850
N-800
N-750
N-700
N-650
N-600
N-550
N-500
D
C
B
SEEPAGE BED 37.5' LG
X 40.0' WD. (7 LINES @ 6.0' o/c)
PRELIMINARY EXCAVATION 1.5
4.0' BELOW GRADE
SEE DETAIL 3/C8
N-726.3
E-363.7
DISTRIBUTION BOX SEE DETAIL
℄ @ N688.9, E361.6
SEPTIC TANK W/ ACCESS
℄ @ N-673.2', E-334.9'
SEE DETAIL 3/C8
LINES CAPPED PER
C/D #3
6" CONCRETE
EXTENSION (TYP.)
MAN HOLE SEE DETAIL 2/C8
@ E-324.0'
SLOPE 1/4"/FT.
8" Ø NONREINFORCED
PIPE - SLOPE 1/8"/FT. IN
EXCAVATED TRENCH
CAPPED END NEAR SWE
TO SEPTIC TANK)
(FROM SEPTIC TANK
DISTRIBUTION BOX)
MANHOLE
@ E-164.0'
FUTURE SWEPT
BLDG.


FUTURE SWEEP BLDG.
PLOT PLAN
N
30 20 10 0 30' 60' 90' 120' 150'
SCALE 1" = 30'-0"
A
B
8
7
6
5
D
C
B
A



REVISIONS
ZONE
REV
DESCRIPTION
DATE
APPROVED
1
AS-BUILT
N600
N500
N400
N300
N200
N100
EXIST SEPTIC TANK MANHOLE
8" NON REINF CONC. SEWER PIPE
EXIST S.S. MANHOLE
FIELD ROUTE NEW 4" S.S. LINE SLOPE 1/8"/FT MIN. (GROUT INTO EXIST. CONC. LINE)
ANOUT
EPP
IONAL
ACILITY
17
EVE
LINE
C&S BUILDING
WMF-612
CONDUIT RED MUD.
DEEP ELEV. 08
SWEPP BUILDING
F.H. #7
F.H. #8
F.H. #9
E400
E300
E200
E100
E000
D
C
B



SCALE 1" = 1' IN 1/10"

SCALE 1" = 1' IN 1/16

DO NOT SCALE DRAWING

DESIGN PHASE	DATE APPROVED
TITLE I	
TITLE II	
APPROVED FOR CONSTRUCTION	

QUALITY LEVEL B

FOR DRAWING INDEX SEE DRAWING NO

DESIGN

CHECKED

DRAWN

DATE

PROJECT NO

SUBCONTRACT NO

ISSUED FOR CONSTRUCTION

EG&G

U.S. DEPARTMENT OF ENERGY
IDAHO OPERATIONS OFFICE
IDAHO FALLS, IDAHO

SIZE D

INDEX CODE NUMBER: AREA | DWG. TYPE | CI | DWG 220

DRAWING NO

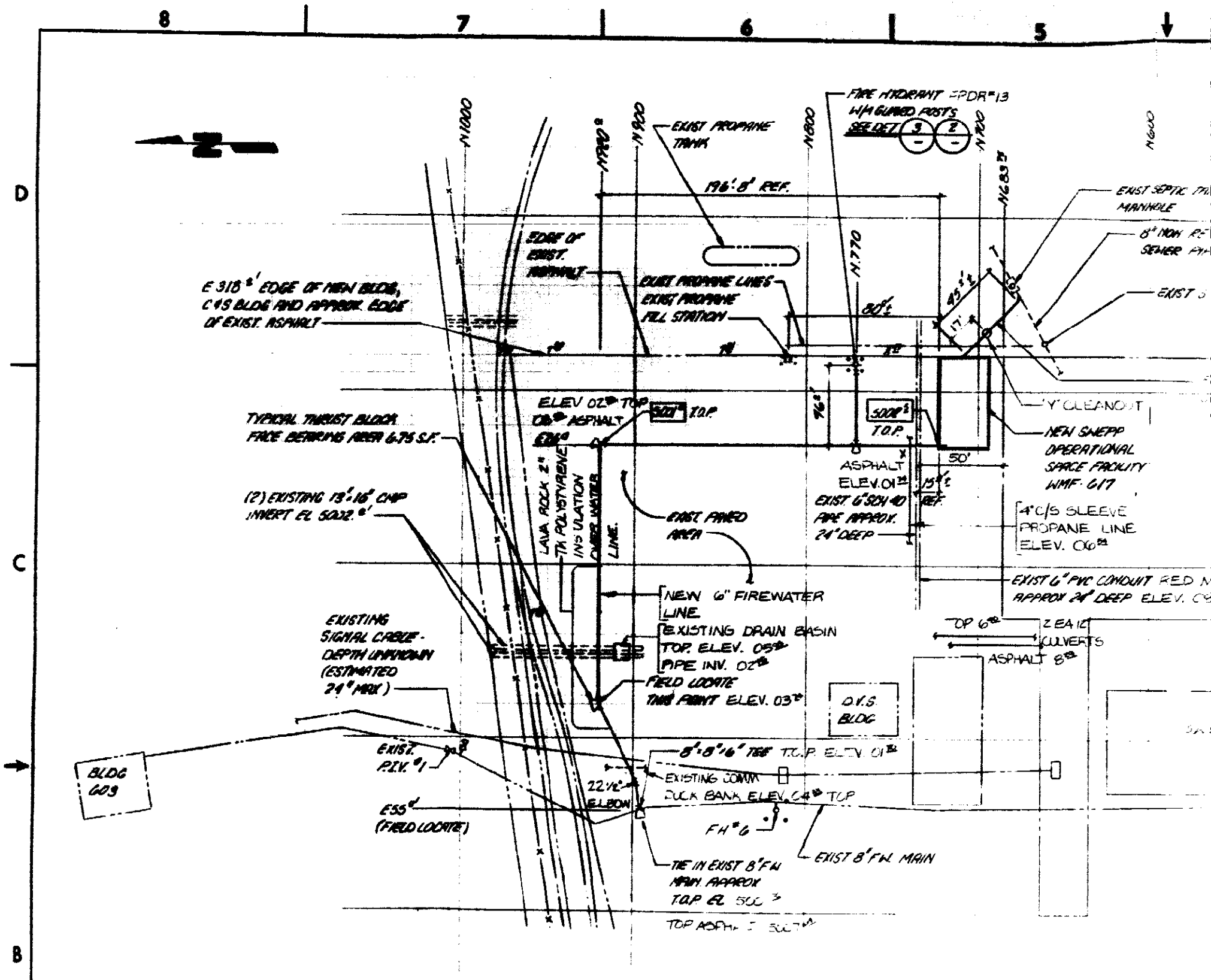
REV

SCALE

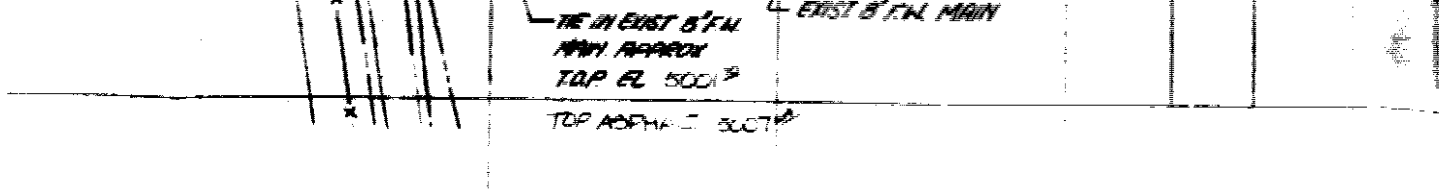
SPEC CODE

A/E SHEET NO

PROTIONS OF THIS DRAWING MAY BE ILLEGIBLE

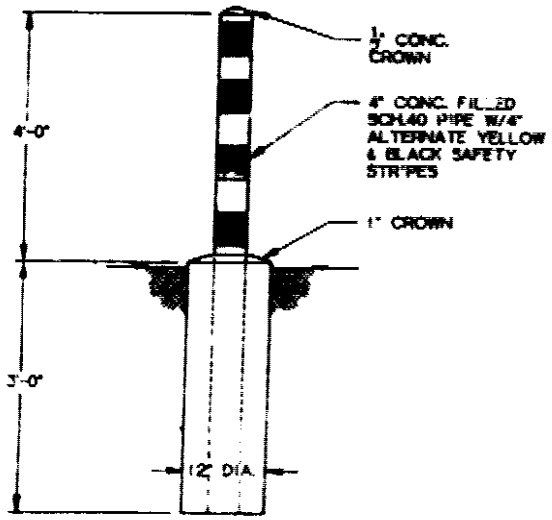


8
7
6
5
D
C
B
N1000
N900
N800
N700
N600
N770
N683
FIRE HYDRANT FPDR #13
W/4 GUARD POSTS
SEE DET 3 2
EXIST PROPANE TANK
196'-8" REF.
EDGE OF EXIST. ASPHALT
EXIST PROPANE LINES
EXIST PROPANE FILL STATION
E 318 ± EDGE OF NEW BLDG, C&S BLDG AND APPROX. EDGE OF EXIST. ASPHALT
EXIST SEPTIC TA
MANHOLE
8" NON RE
SEWER PI
EXIST
'Y' CLEANOUT
NEW SWEPP OPERATIONAL SPACE FACILITY WMF-617
ELEV 02 TOP
ASPHALT
T.O.P.
TYPICAL THRUST BLOCK FACE BEARING AREA 6.75 S.F.
ASPHALT ELEV. 01
EXIST 6" SCH 40 PIPE APPROX. 24" DEEP
50'
4" C/S SLEEVE PROPANE LINE ELEV. 06
(2) EXISTING 13'-16" CMP INVERT EL 5002.
LAVA ROCK 2" TK POLYSTYRENE INSULATION OVER WATER LINE.
EXIST PAVED AREA
EXIST 6" PVC CONDUIT RED
APPROX 24" DEEP ELEV.
NEW 6" FIREWATER LINE
EXISTING DRAIN BASIN TOP. ELEV. 05
PIPE INV. 02
EXISTING SIGNAL CABLE - DEPTH UNKNOWN (ESTIMATED 24" MAX)
FIELD LOCATE THIS POINT ELEV. 03
TOP 6
2 EA 12 CULVERTS
ASPHALT 8
O.V.S. BLDG
BLDG 603
EXIST. P.I.V. #1
8"x8"x6" TEE T.O.P. ELEV. 01
EXISTING COMM DUCK BANK ELEV. 04 TOP
22 1/2° ELBOW
ESS (FIELD LOCATE)
FH #6
EXIST 8" FW MAIN
TIE IN EXIST 8" FW MAIN APPROX T.O.P. EL 500
TOP ASPH



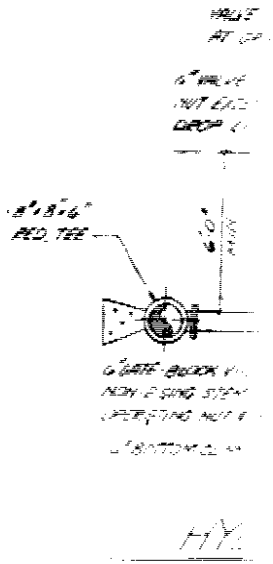
PLOT PLAN

1" = 10'-0"



GUARD POST DETAIL (2)

SCALE: NONE



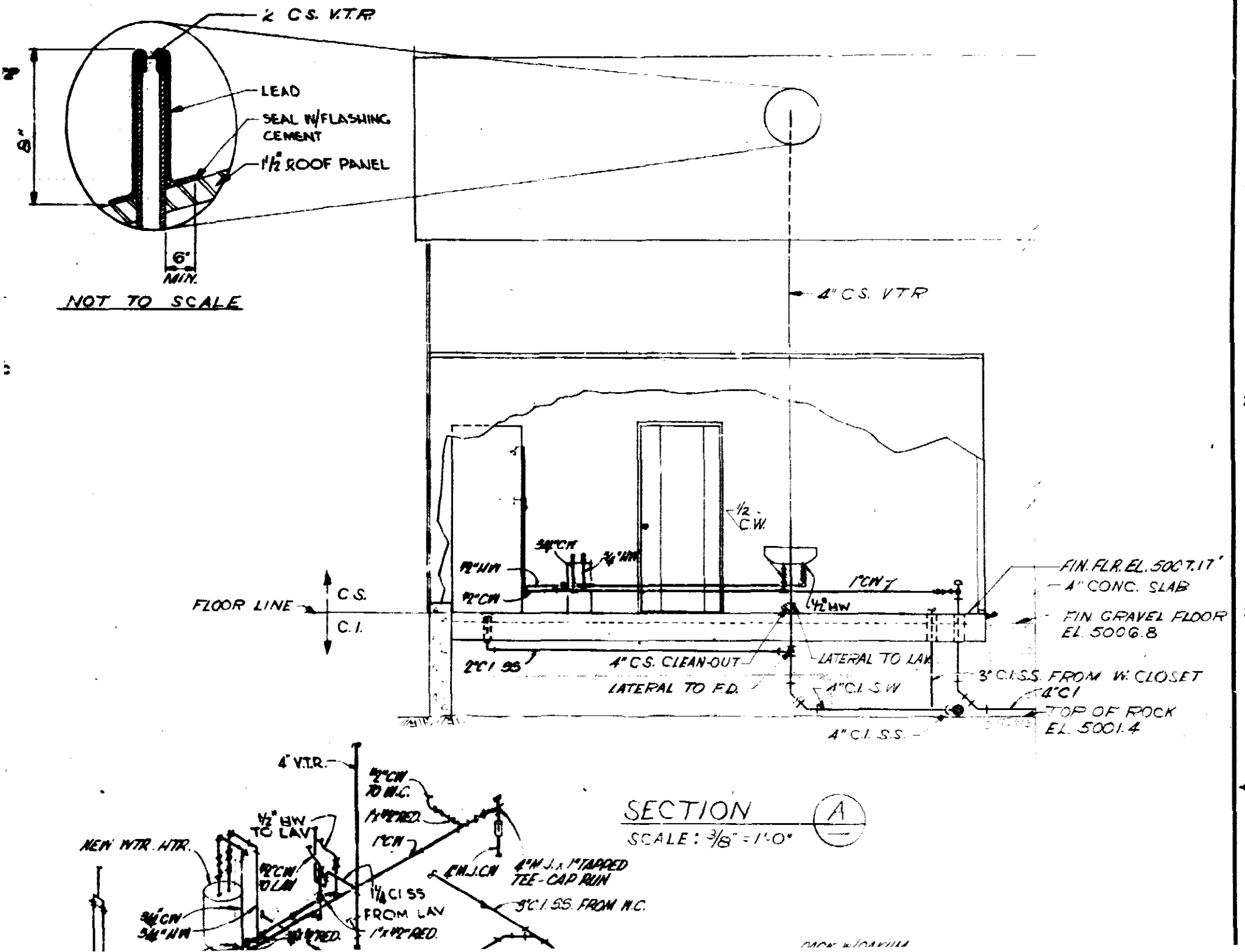
B

A

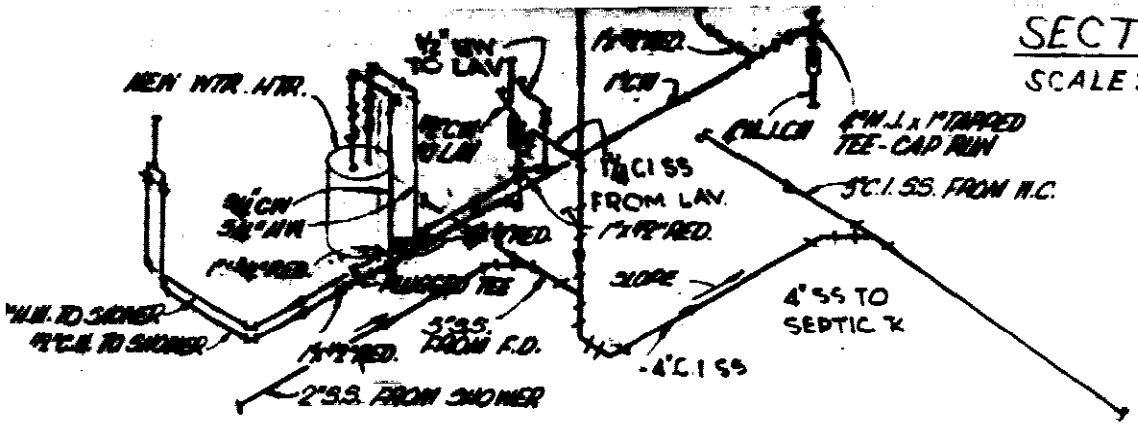
8 7 6 5

D C B A

1 2 3 4

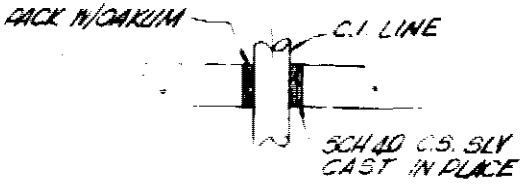


F
G
H
I
J
K
1
2
3
4
2 C.S. V.T.R.
LEAD
SEAL W/FLASHING CEMENT
1½" ROOF PANEL
8"
6" MIN.
NOT TO SCALE
4" C.S. V.T.R.
½ C.W.
¾" CW
¾" HW
½" HW
½" CW
1" CW
½" HW
FLOOR LINE
C.S.
C.I.
FIN. FLR. EL. 5007.17'
4" CONC. SLAB
FIN. GRAVEL FLOOR EL. 5006.8
2" C.I. SS
4" C.S. CLEAN-OUT
LATERAL TO LAV.
LATERAL TO F.D.
4" C.I. S.W.
3" C.I. S.S. FROM W. CLOSET
4" C.I.
TOP OF ROCK EL. 5001.4
4" C.I. S.S.
4" V.T.R.
½" CW TO W.C.
1"x½" RED.
½" HW TO LAV.
1" CW
NEW WTR. HTR.
½" CW TO LAV.
4" M.J. CW
4" M.J. x 1" TAPPED TEE-CAP RUN
1¼ CI SS FROM LAV.
3" C.I. SS. FROM W.C.
¾" CW
¾" HW
1"x½" RED.
SECTION A
SCALE: 3/8" = 1'-0"

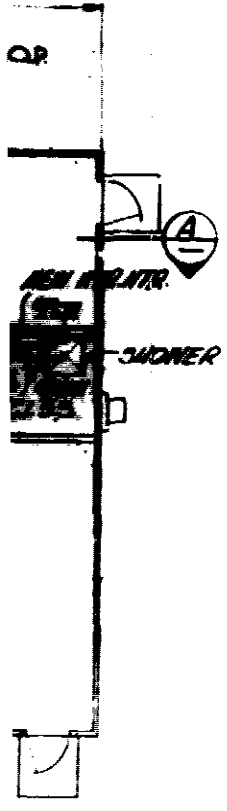


PLUMBING DIAGRAM
SCALE: NONE

SECTION (A)
SCALE: 3/8" = 1'-0"



FLOOR PENETRATION DETAIL
NO SCALE



LEGEND

SS	SANITARY SEWER
CW	WATER
HW	HOT WATER
FD	FLOOR DRAIN
M.J.	CAST IRON, MECH. JOINT

NO.	DATE	REVISIONS	APPVD. INC	APPVD.	APPVD.	APPVD. AEC	APPVD. AEC	APPVD. AEC
1	3-4-74	AS BUILT						

	BY	DATE
DESIGNED	HAT	2-13-73
DRAWN	LYCHOATE	2-12
CHECKED	JKS	5-1-73
APPROVED	RRH	5/3/73

APPROVALS

ORGAN.	BY	DATE
INC	[illegible]	5-3-73
SD	[illegible]	5-3-73
AEC		
AEC		
AEC N&B		
AEC K&C		

AEROJET NUCLEAR COMPANY
INCORPORATED
IDAHO FALLS, IDAHO
FOR
U. S. ATOMIC ENERGY COMMISSION
IDAHO OPERATIONS OFFICE
IDAHO FALLS, IDAHO

BURIAL GROUND BLDG. BGF-601
NRTS BURIAL GROUND MODS.
EQUIPMENT BLDG.
PIPING PLAN & SECTIONS

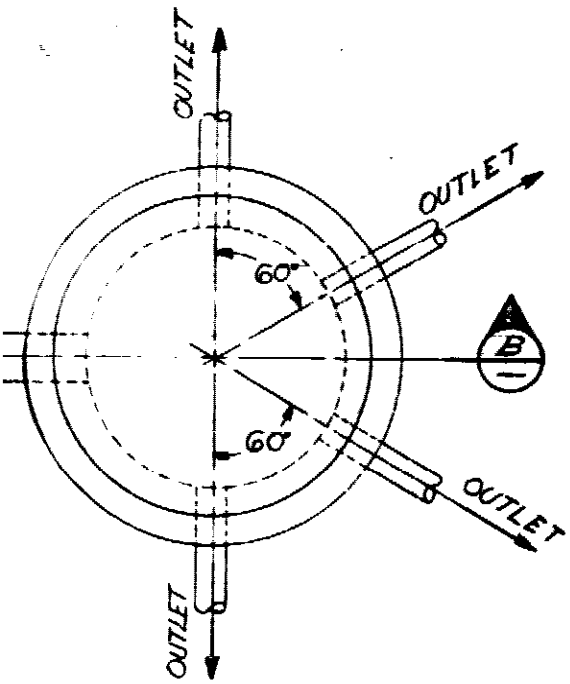
SCALE: AS SHOWN
DATE ISSUED: 5-14-73
DWG. NO. [illegible]
REV. 1

INDEX CODE NUMBER

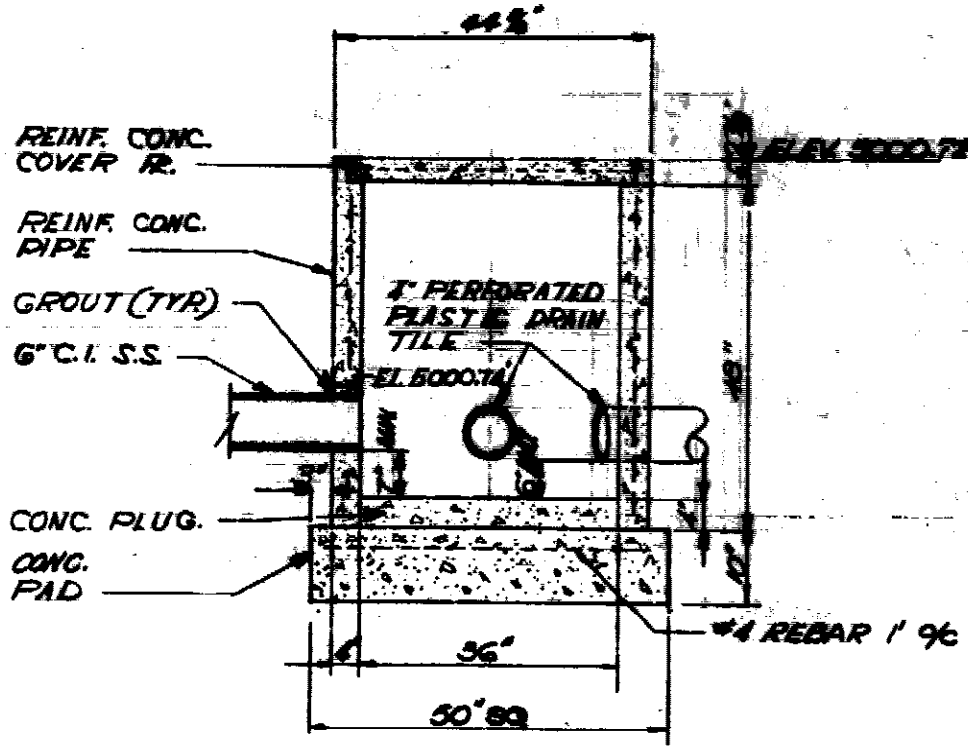
AREA	DWG TYPE	CL	ORIG.	SERIAL
098	[illegible]	50	400	155055

AEROJET NUCLEAR QUALITY [illegible]

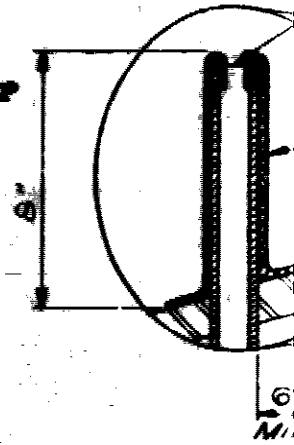
F G H I J K PROJECT NO.

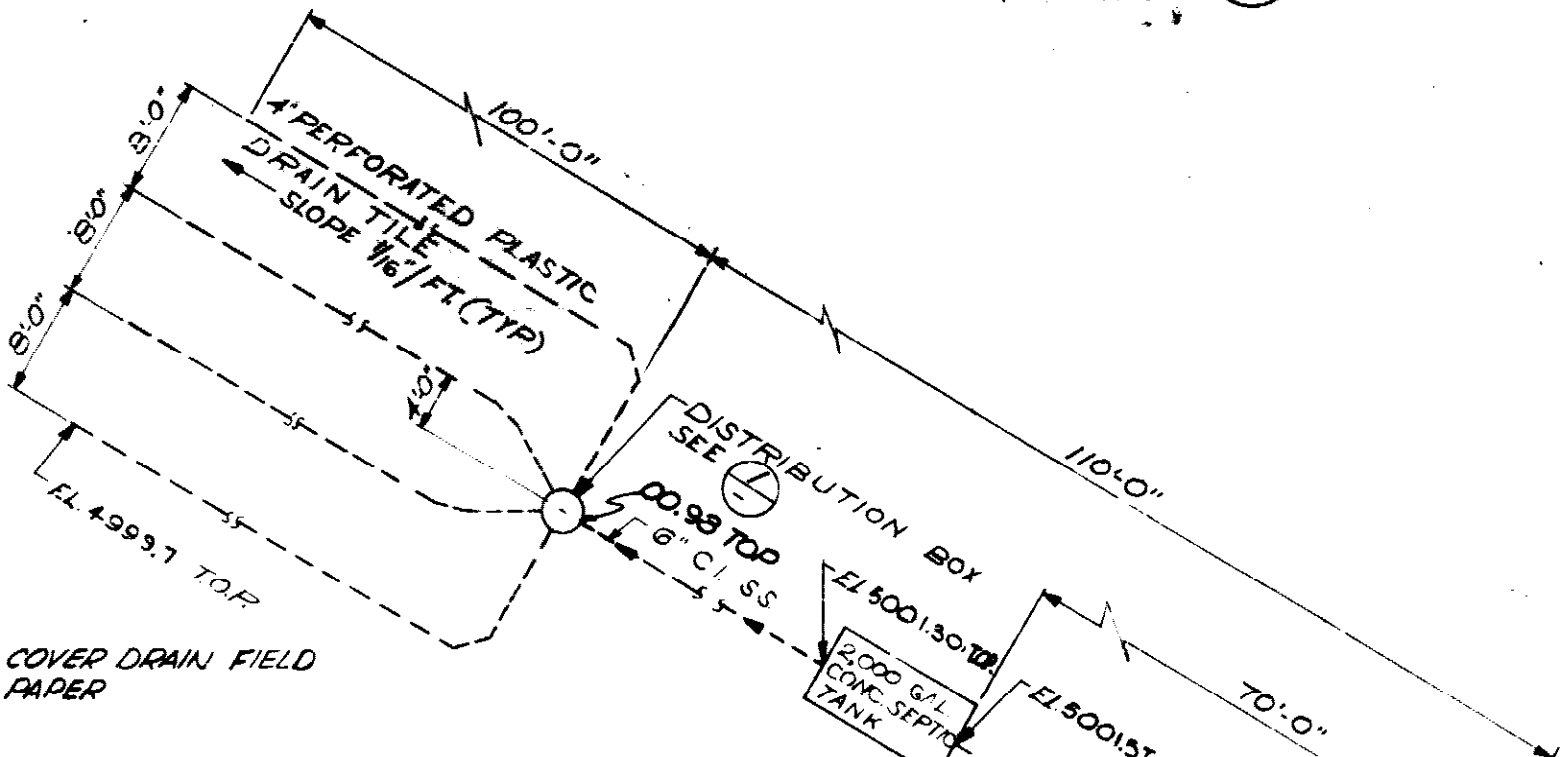


DETAIL 1
SCALE: 3/4" = 1'-0"

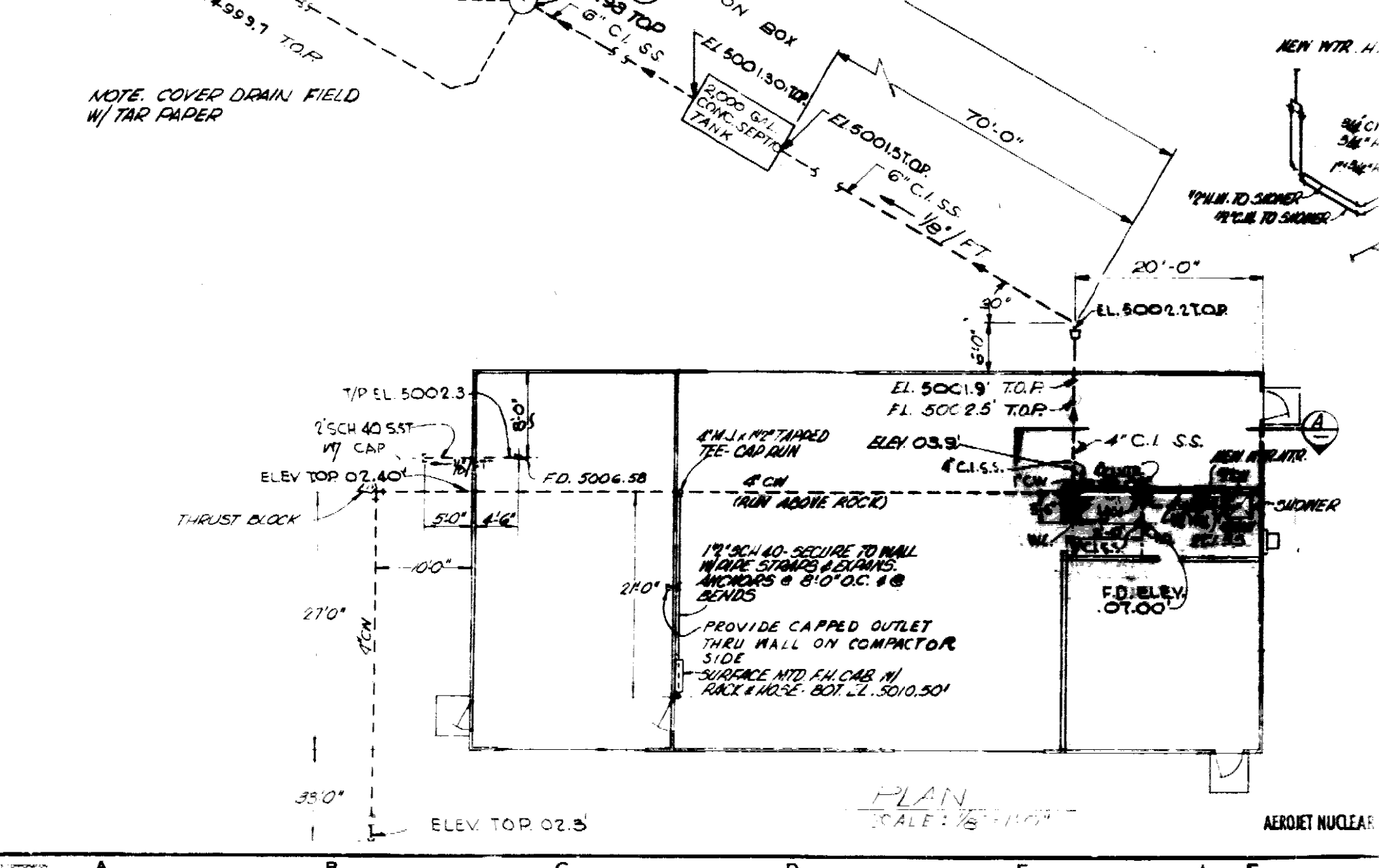


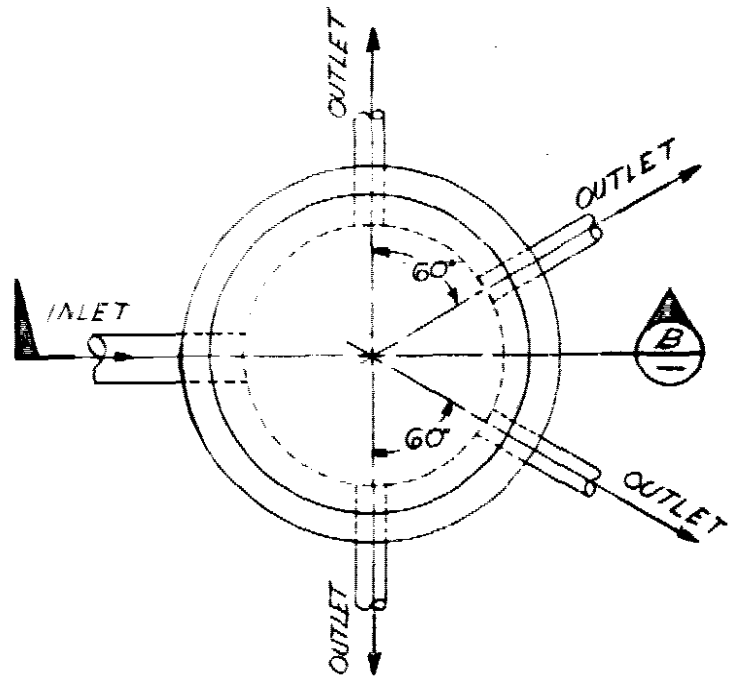
SECTION B
SCALE: 3/4" = 1'-0"



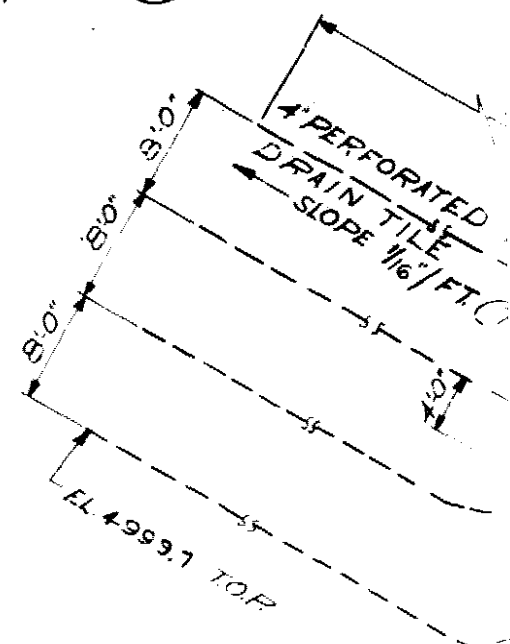


NOTE. COVER DRAIN FIELD W/ TAR PAPER


NOTE. COVER DRAIN FIELD W/ TAR PAPER
999.7 T.O.P.
6" C.I. S.S.
EL 5001.30 T.O.P.
2,000 GAL. CONC. SEPTIC TANK
EL 5001.5 T.O.P.
6" C.I. S.S.
1/8" / FT
70'-0"
20'-0"
EL. 5002.2 T.O.P.
8'-0"
5'-0"
T/P EL. 5002.3
2" SCH 40 S.ST W/ CAP
ELEV TOP 02.40'
F.D. 5006.58
THRUST BLOCK
5'-0"
4'-6"
10'-0"
27'-0"
33'-0"
ELEV. TOP 02.3'
4" M.J. x 1½" TAPERED TEE- CAP RUN
4" CW (RUN ABOVE ROCK)
1½" SCH 40- SECURE TO WALL W/ PIPE STRAPS & EXPANS. ANCHORS @ 8'-0" O.C. & @ BENDS
21'-0"
PROVIDE CAPPED OUTLET THRU WALL ON COMPACTOR SIDE
SURFACE MTD. F.H. CAB. W/ RACK & HOSE- BOT. EL. 5010.50'
EL. 5001.9' T.O.P.
EL. 5002.5' T.O.P.
ELEV 03.9'
4" C.I. S.S.
4" C.I.S.S.
SHOWER
F.D. ELEV. 07.00'
PLAN
SCALE: 1/8" = 1'-0"
AEROJET NUCLEAR
A
B
C
D
E
F



DETAIL 1
SCALE: 3/4" = 1'-0"



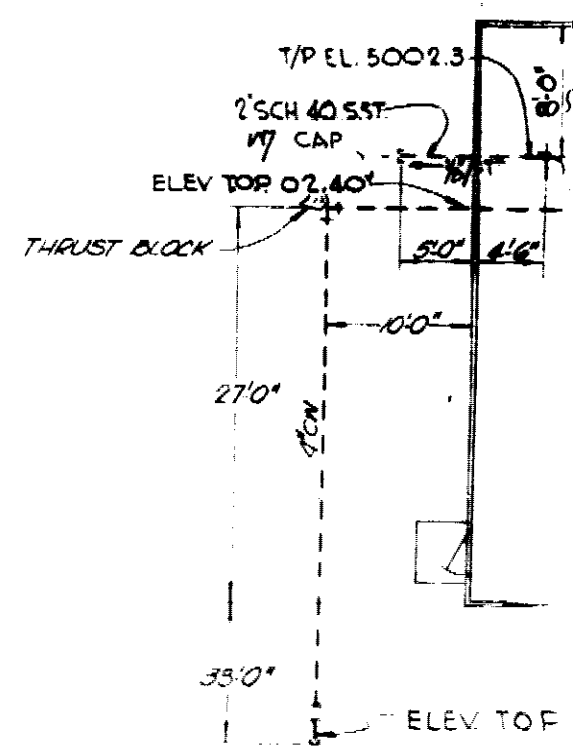
NOTE. COVER DRAIN FIELD
W/ TAR PAPER

NOTE. COVER DRAIN FIELD
W/ TAR PAPER

5

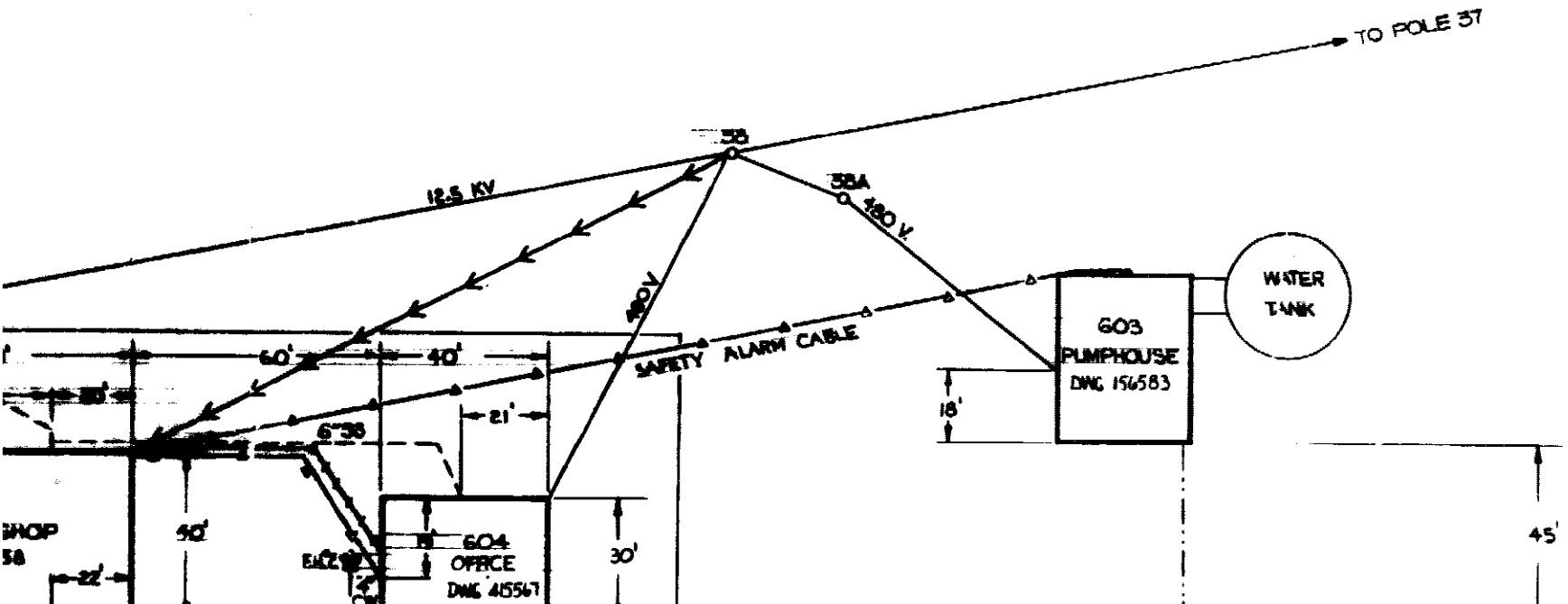
6

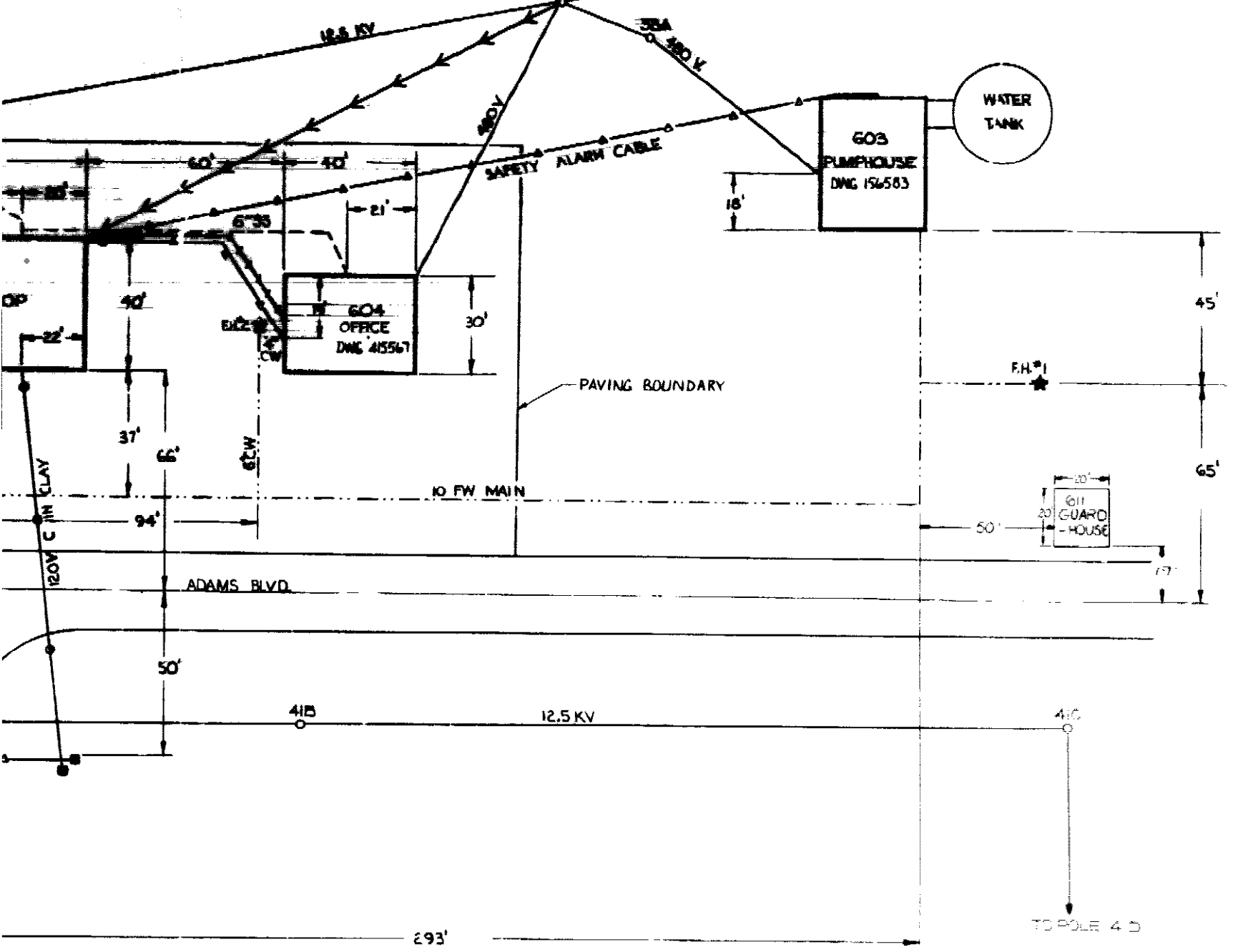
7



A B

REVISIONS				
SYMBOL	LTR	DESCRIPTION	DATE	APPROVED
	A			





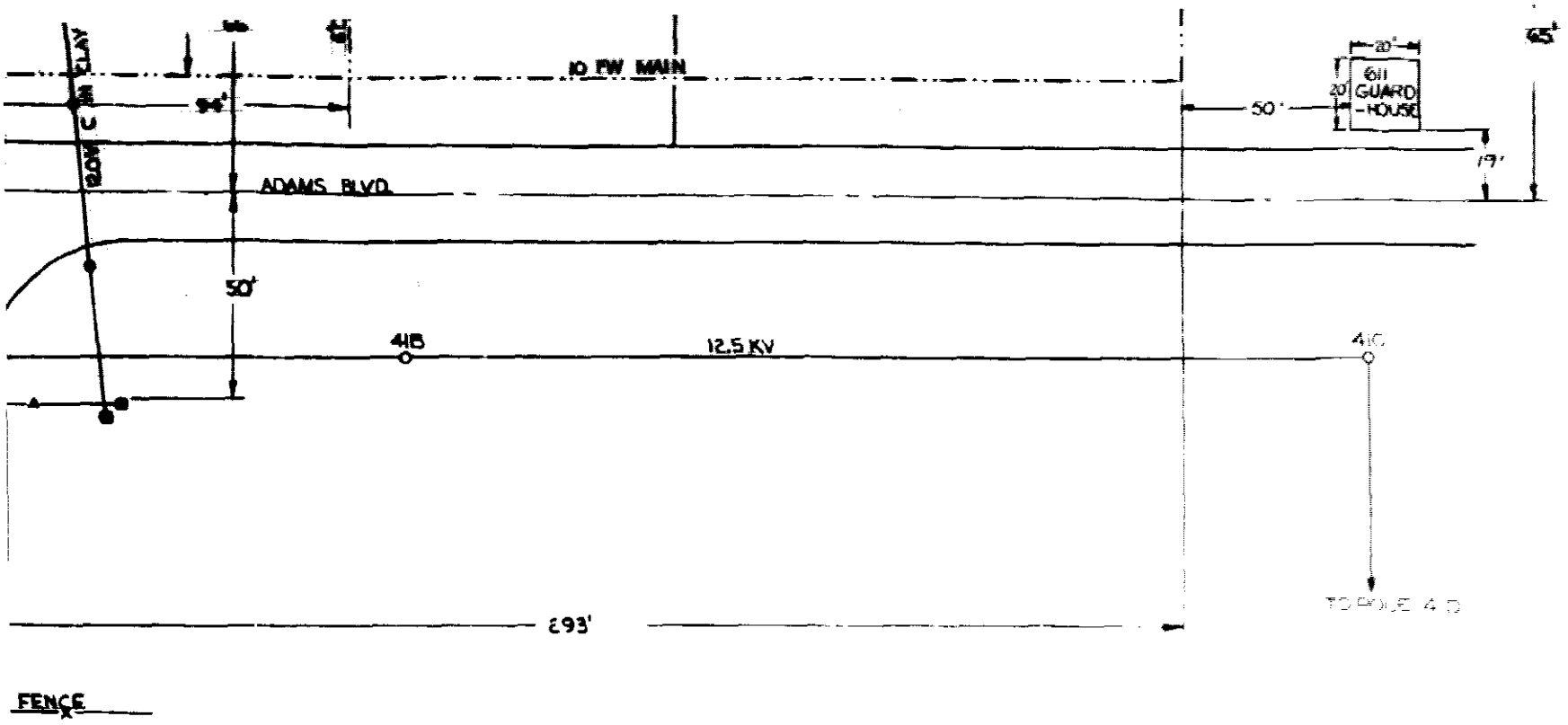
E

D

C

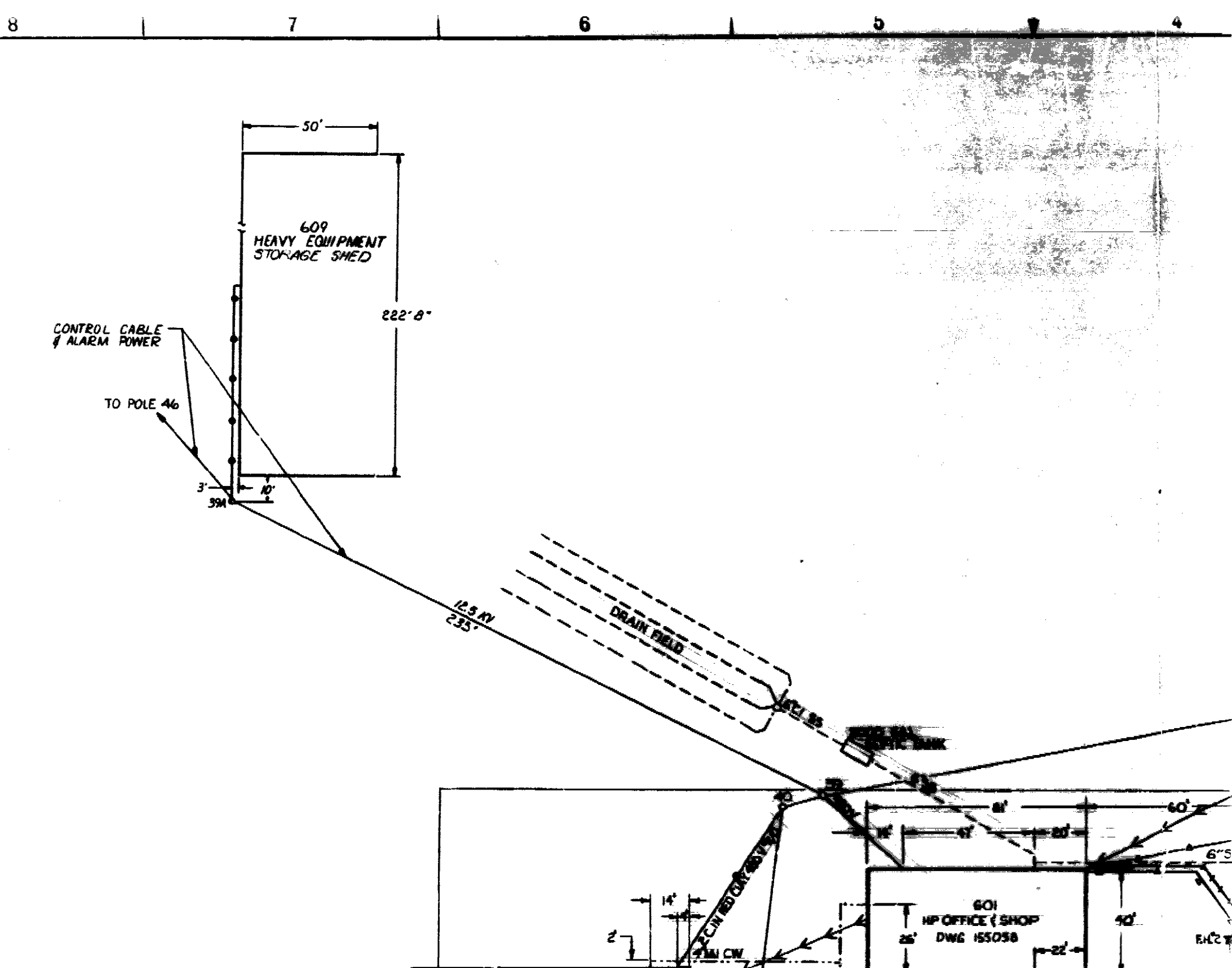
B

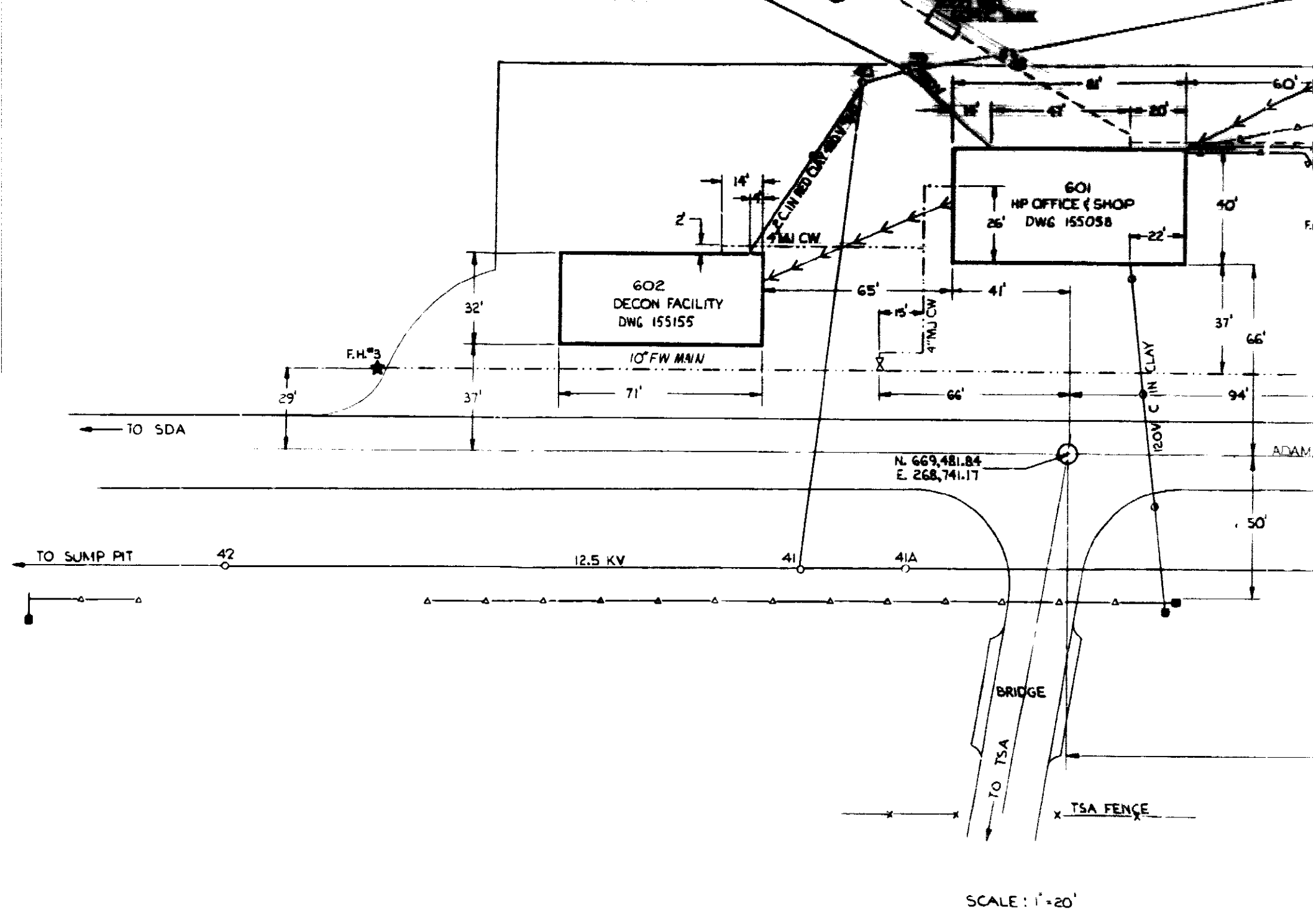
410229 A



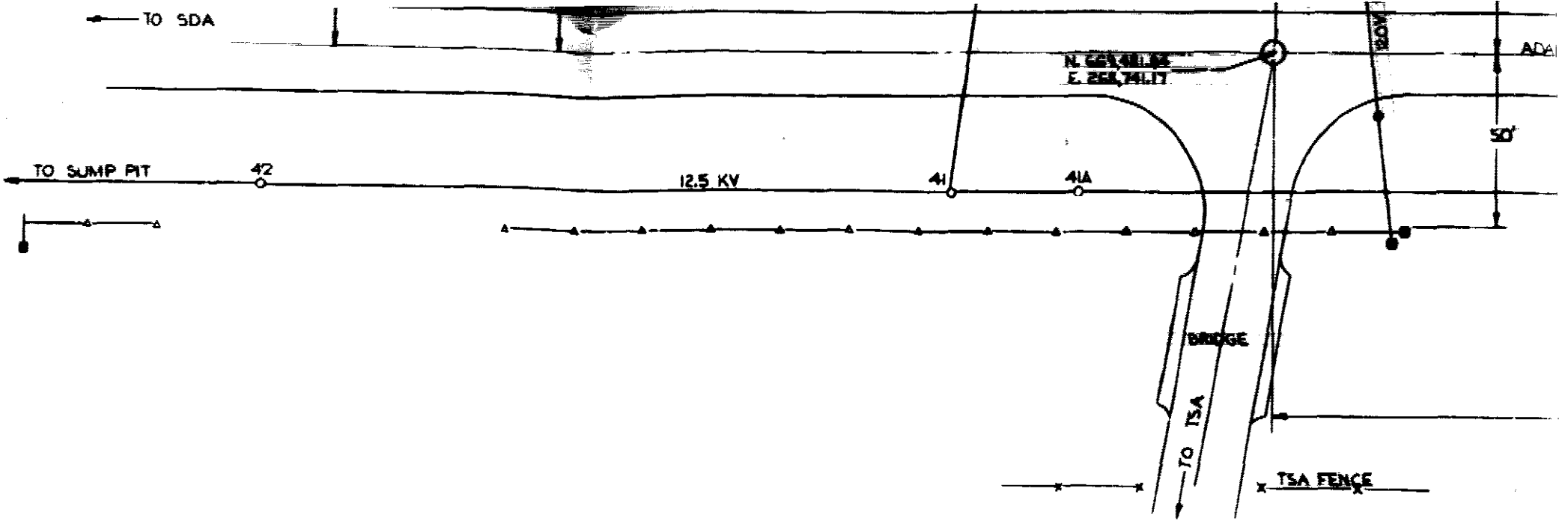
SIZE E	AREA 0980	DWG TYPE	CL 65220	DWG 410229	
SCALE NOTED	RELEASE DATE			SHEET 2	

410229 A


8
7
6
5
4
50'
609
HEAVY EQUIPMENT
STORAGE SHED
222' 8"
CONTROL CABLE
& ALARM POWER
TO POLE 46
3'
10'
39A
12.5 KV
235'
DRAIN FIELD
81'
60'
47'
20'
14'
2'
601
HP OFFICE & SHOP
DWG 155058
26'
22'
40'

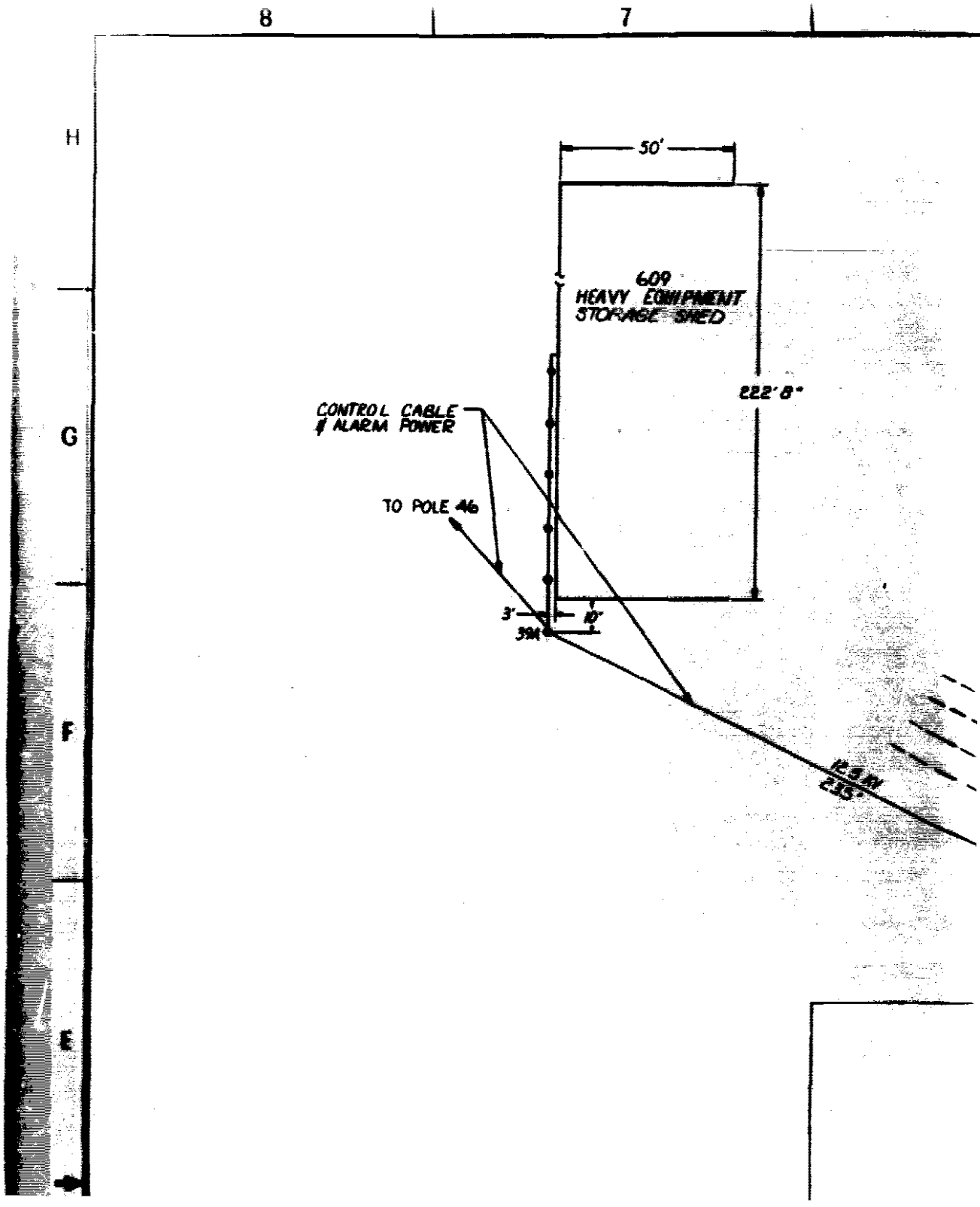


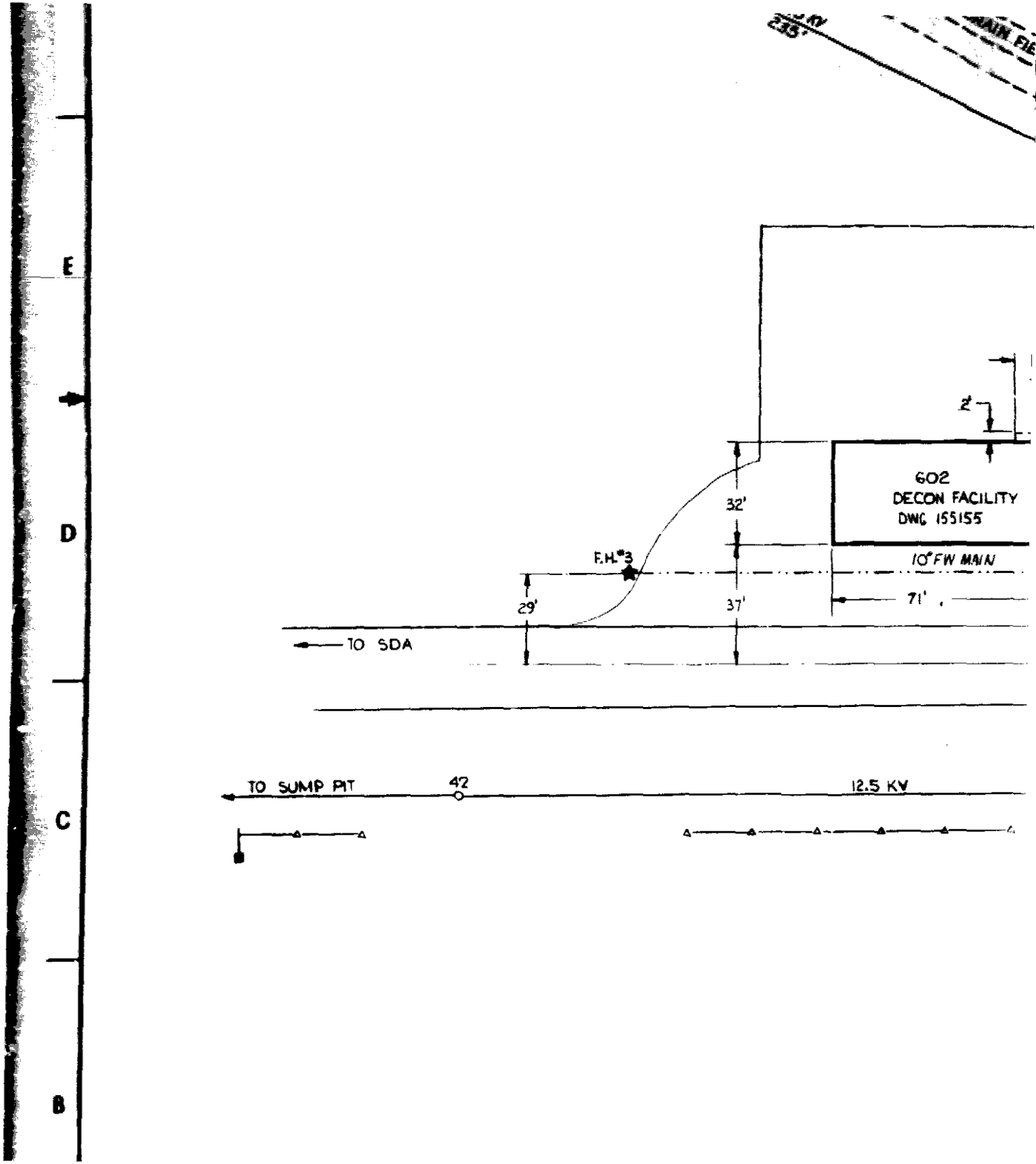
601
HP OFFICE & SHOP
DWG 155058
602
DECON FACILITY
DWG 155155
10" FW MAIN
4" MJ CW
2 C IN RED CLAY
120V C IN CLAY
F.H. #3
TO SDA
TO SUMP PIT
42
12.5 KV
41
41A
N. 669,481.84
E. 268,741.17
BRIDGE
TO TSA
TSA FENCE
ADAM
81'
60'
20'
14'
2'
26'
22'
40'
65'
41'
15'
32'
37'
66'
29'
71'
94'
50'
SCALE : 1" = 20'

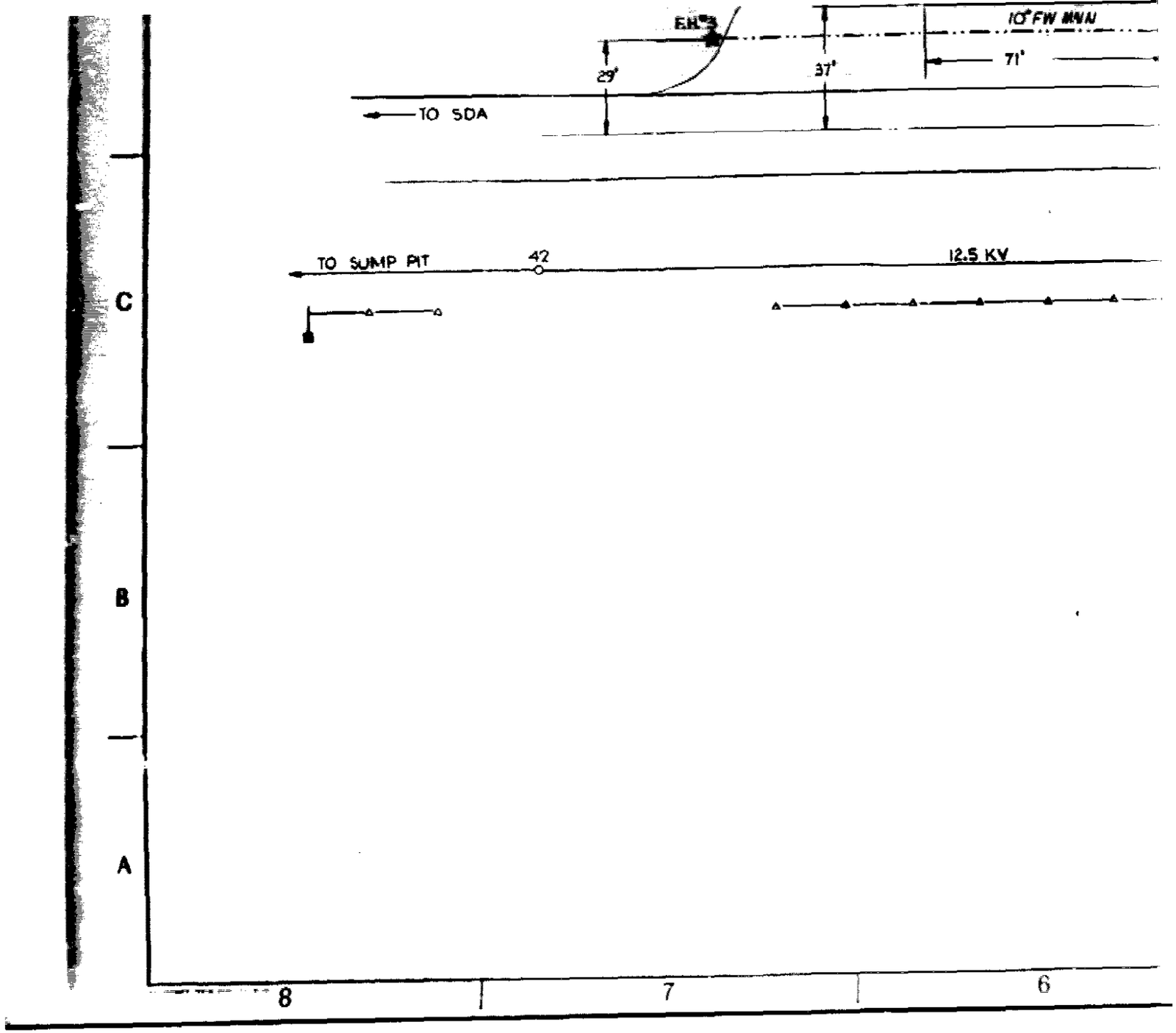


SCALE: 1"=20'

7 6 5 4


8
7
H
G
F
E
50'
609
HEAVY EQUIPMENT
STORAGE SHED
222' 8"
CONTROL CABLE
& ALARM POWER
TO POLE 46
3'
10'
39A
12.5 KV
235'


E
D
C
B
2'
602
DECON FACILITY
DWG 155155
32'
F.H.#3
10" FW MAIN
29'
37'
71'
TO SDA
TO SUMP PIT
42
12.5 KV


10" FW MAIN
71'
29'
37'
TO SDA
TO SUMP PIT
42
12.5 KV
C
B
A
8
7
6