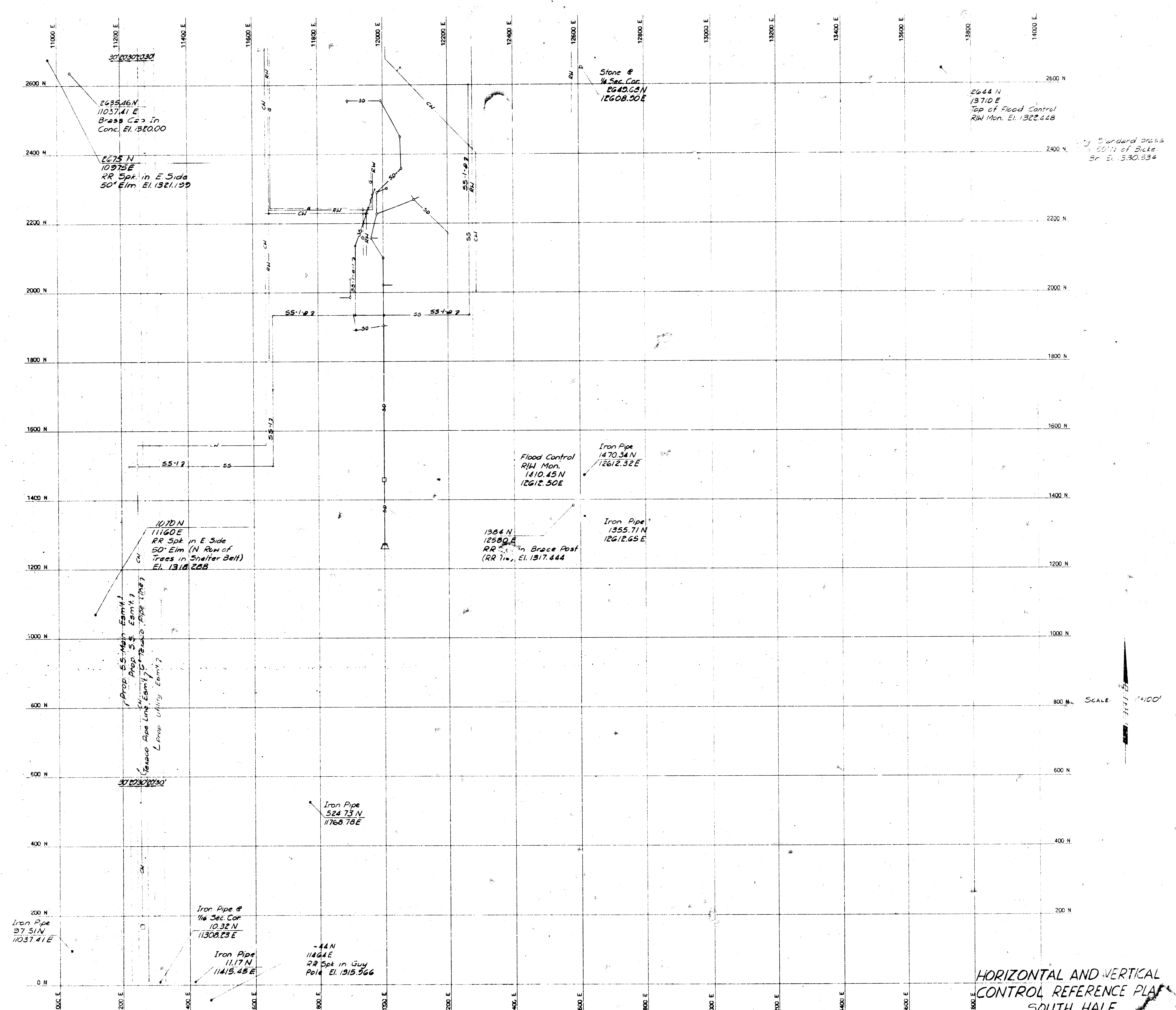


HORIZONTAL AND VERTICAL CONTROL REFERENCE PLAT SOUTH HALF

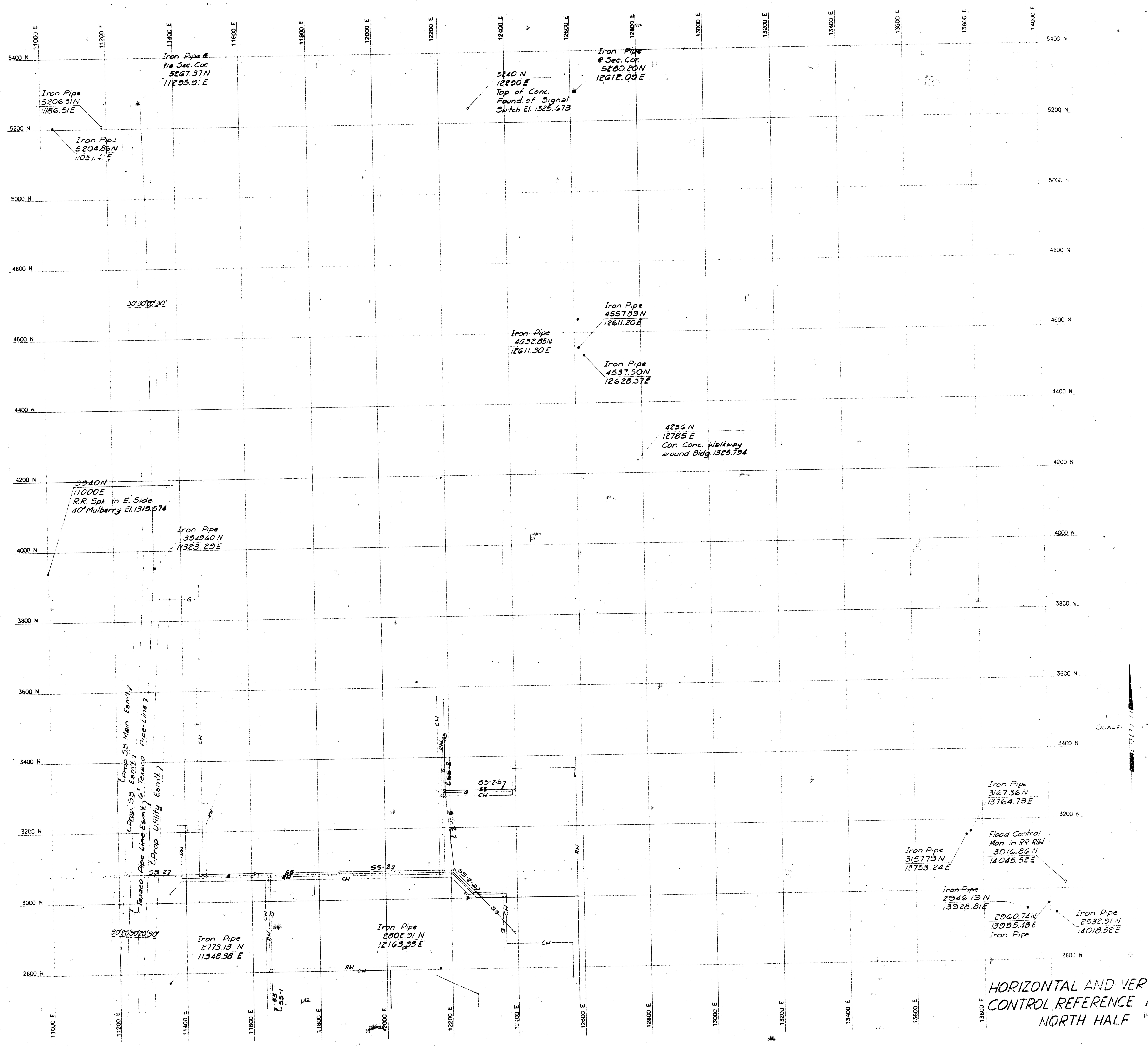
PROFESSIONAL ENGINEERING CONSULTANTS
professional association

REVISIONS
1 APR '70

SEDGWICK COUNTY ZOO
WICHITA KANSAS

CALVIN, PERKINS AND JONES,
ARCHITECTS AIA
WICHITA, KANSAS

PROJECT
DATE JAN. 28, 19
SHEET
OF (SEE INDEX)



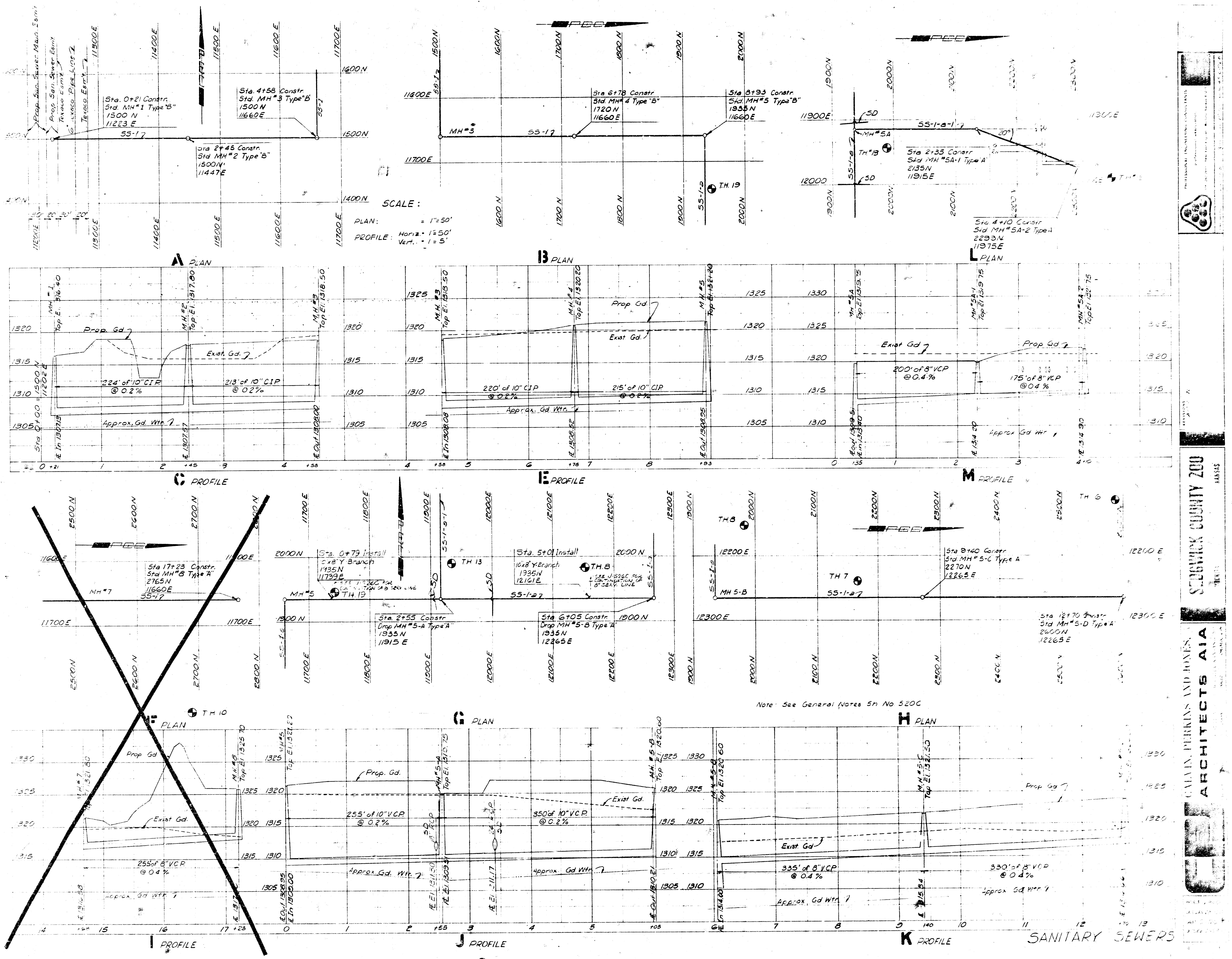
HORIZONTAL AND VERTICAL CONTROL REFERENCE PLAN NORTH HALF

PROFESSIONAL ENGINEERING CONSULTANTS
professional association
WICHITA, KANSAS 67211

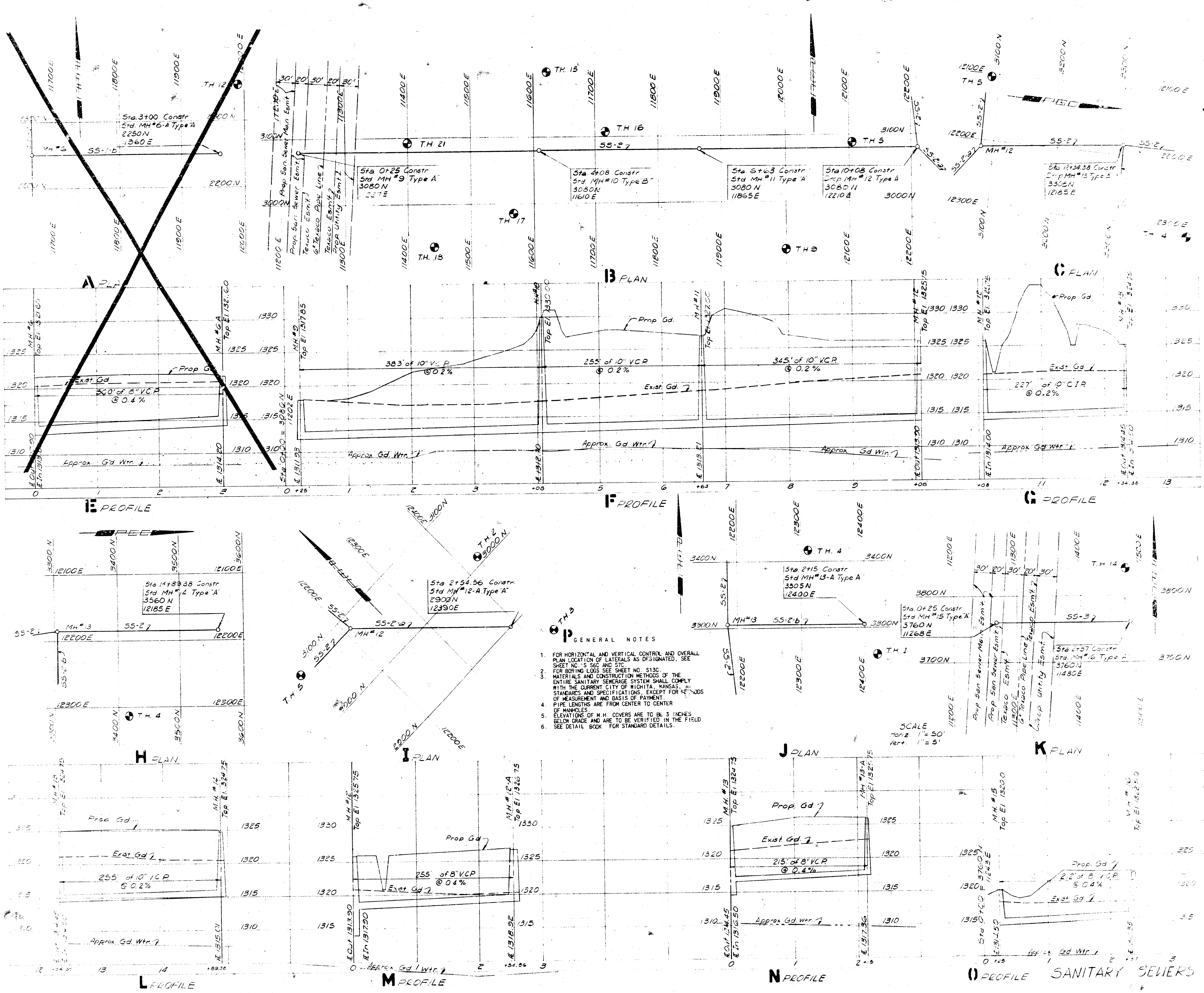
REVISIONS
1 APR '70

SEDGWICK COUNTY ZOO
WICHITA KANSAS

CALVIN, PERKINS AND JONES
ARCHITECTS AIA
706 SUTTON PLACE WICHITA, KANSAS 67202



SCALE :
PLAN : = 1"=50'
PROFILE : Horiz. - 1"=50' Vert. - 1"= 5'
A PLAN
B PLAN
L PLAN
C PROFILE
E PROFILE
M PROFILE
F PLAN
G PLAN
H PLAN
I PROFILE
J PROFILE
K PROFILE
Sta. 0+21 Constr. Std. MH#1 Type "B" 1500 N 11223 E
Sta. 2+45 Constr. Std MH#2 Type "B" 1500N 11447E
Sta. 4+58 Constr. Std. MH#3 Type "B" 1500 N 11660E
Sta 6+78 Constr Std. MH#4 Type "B" 1720 N 11660 E
Sta 8+93 Constr. Std. MH#5 Type "B" 1935N 11660E
Sta 2+35 Constr Std MH#5A-1 Type A 2135N 11915E
Sta. 4+10 Constr Std MH#5A-2 Type A 2293N 11975E
Sta 17+23 Constr. Std MH#8 Type "A" 2765N 11660E
Sta. 0+79 Install 10"x8" Y Branch 1935N 11739E
Sta. 2+55 Constr. Drop MH#5-A Type "A" 1935N 11915 E
Sta. 5+01 Install 10"x8" Y-Branch 1935N 12161E
Sta 6+05 Constr. Drop MH#5-B Type "A" 1935N 12265 E
Sta 8+40 Constr Std MH#5-C Type A 2270N 12265 E
Sta 12+70 Constr Std MH#5-D Type A 2600N 12265 E
224' of 10" CIP @ 0.2%
213' of 10" CIP @ 0.2%
220' of 10" CIP @ 0.2%
215' of 10" CIP @ 0.2%
200' of 8" VCP @ 0.4%
175' of 8" VCP @ 0.4%
255' of 8" VCP @ 0.4%
255' of 10" VCP @ 0.2%
350' of 10" V.C.P. @ 0.2%
335' of 8" VCP @ 0.4%
330' of 8" VCP @ 0.4%
Prop. Gd.
Exist. Gd.
Approx. Gd. Wtr.
Note: See General Notes Sh No 520C
SANITARY SEWERS
SEDGWICK COUNTY ZOO
CALVIN, PERKINS AND JONES
ARCHITECTS AIA



P GENERAL NOTES

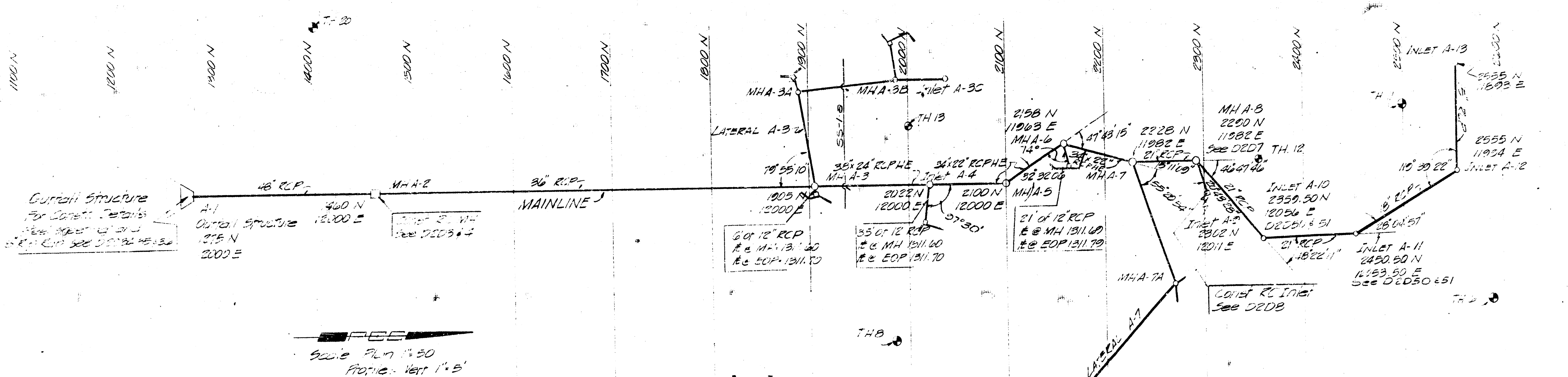
1. FOR HORIZONTAL AND VERTICAL CONTROL AND OVERALL PLAN LOCATION OF LATERALS AS DESIGNATED, SEE SHEET NO.'S S6C AND S7C.
2. FOR BORING LOGS SEE SHEET NO. S13C.
3. MATERIALS AND CONSTRUCTION METHODS OF THE ENTIRE SANITARY SEWERAGE SYSTEM SHALL COMPLY WITH THE CURRENT CITY OF WICHITA, KANSAS, STANDARDS AND SPECIFICATIONS, EXCEPT FOR METHODS OF MEASUREMENT AND BASIS OF PAYMENT.
4. PIPE LENGTHS ARE FROM CENTER TO CENTER OF MANHOLES.
5. ELEVATIONS OF M.H. COVERS ARE TO BE 3 INCHES BELOW GRADE AND ARE TO BE VERIFIED IN THE FIELD.
6. SEE DETAIL BOOK FOR STANDARD DETAILS.

SCALE
Horiz. 1" = 50'
Vert. 1" = 5'

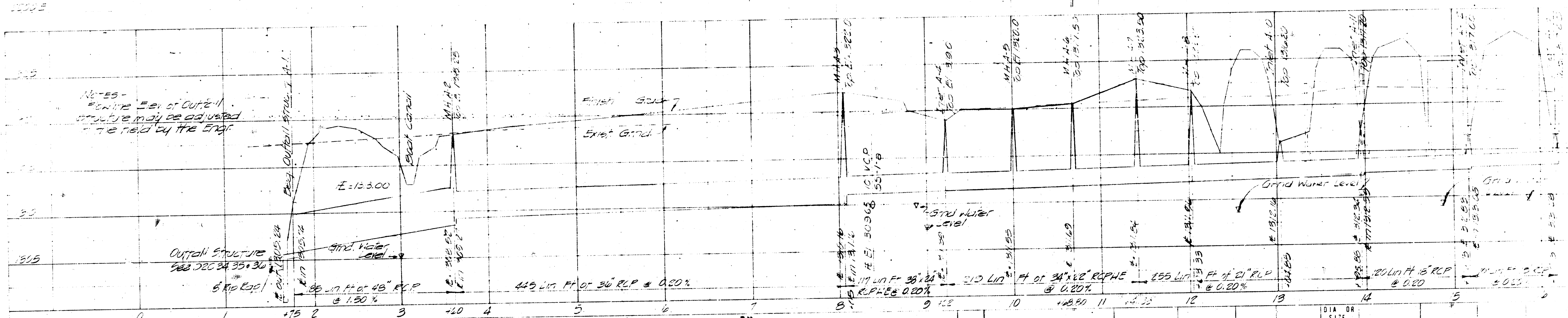
SANITARY SEWERS

SEDGWICK COUNTY ZOO
WICHITA KANSAS

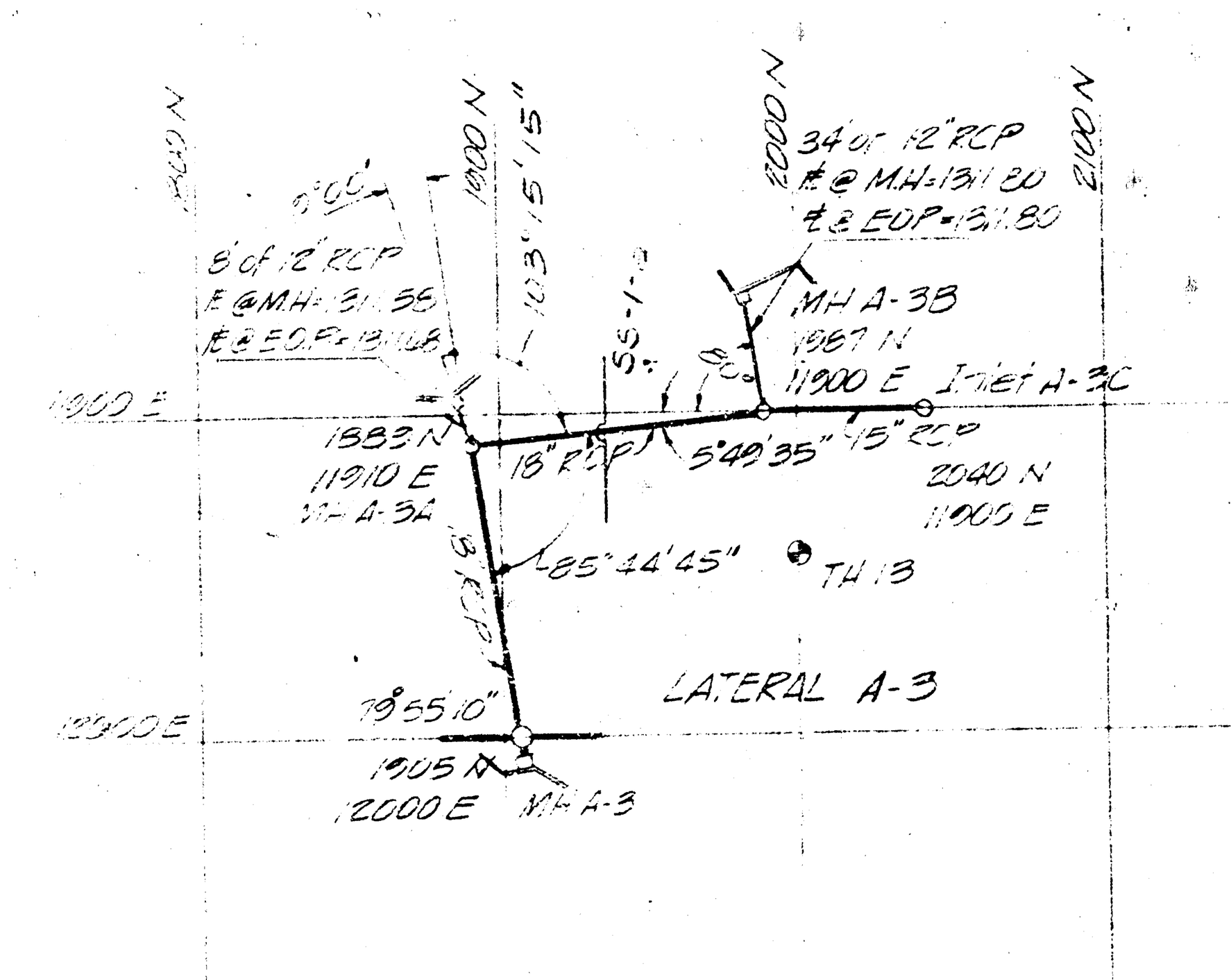
CALVIN, PERKINS AND JONES
ARCHITECTS AIA



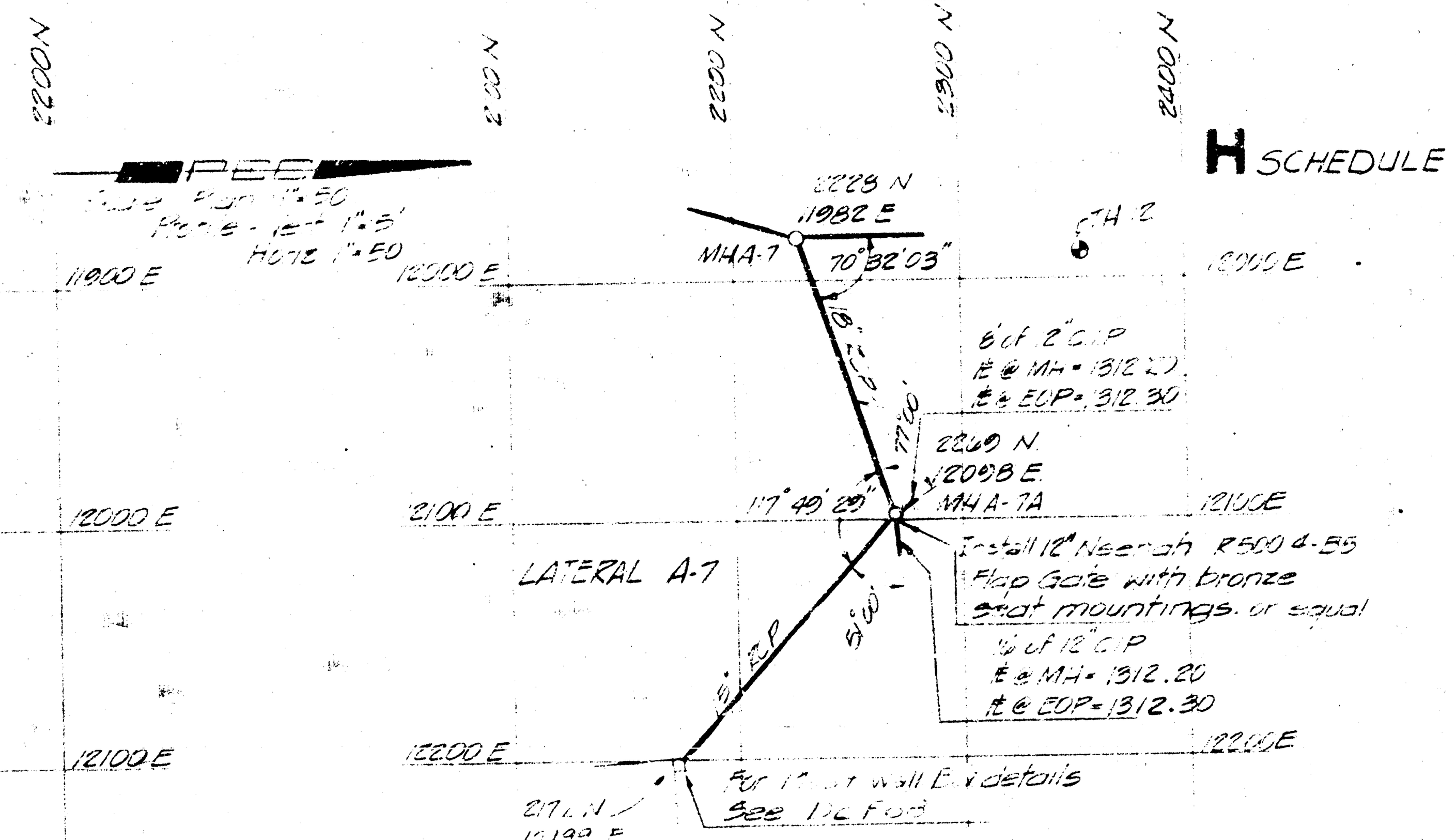
A PLAN



B PROFILE



C PLAN



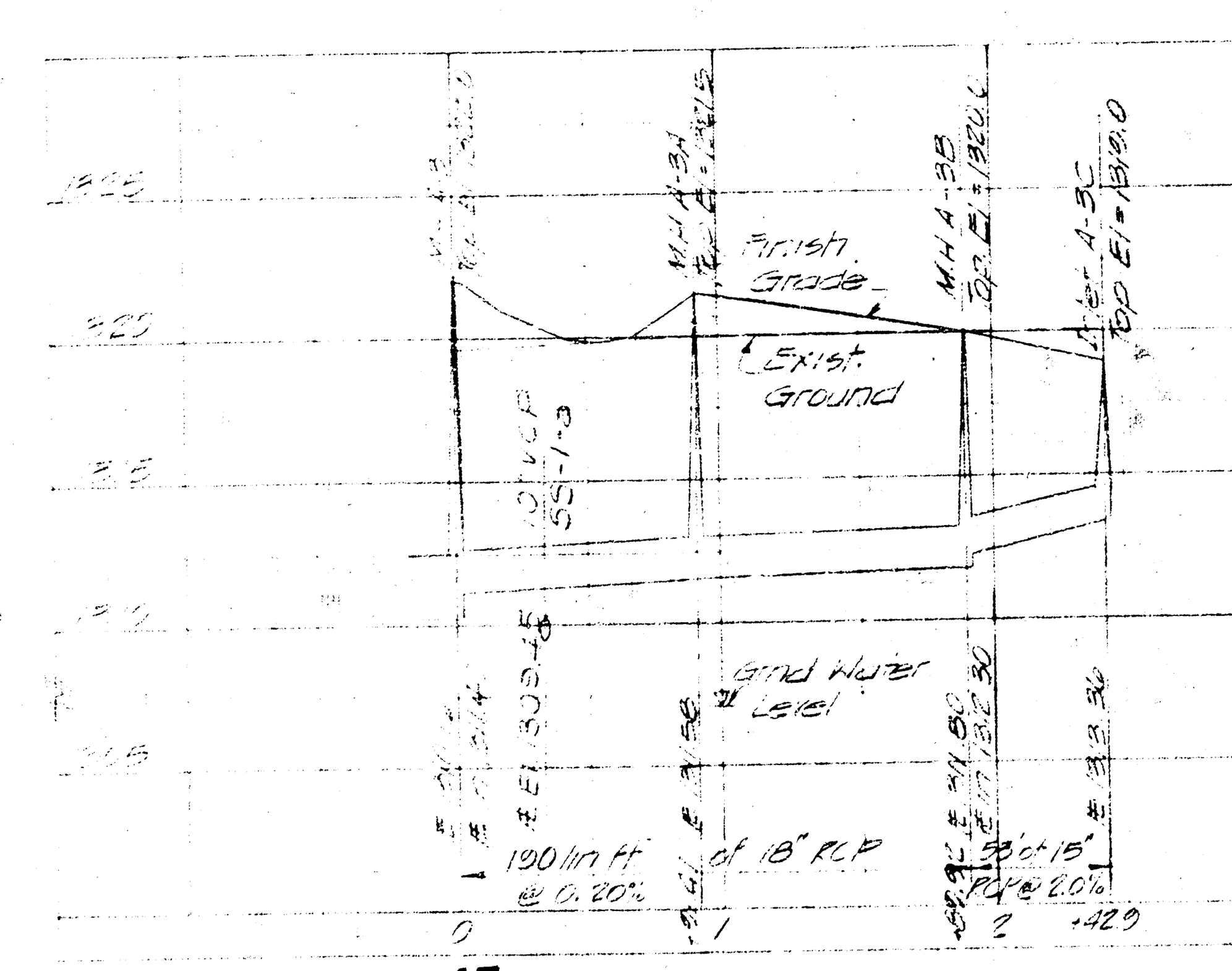
E PLAN

H SCHEDULE

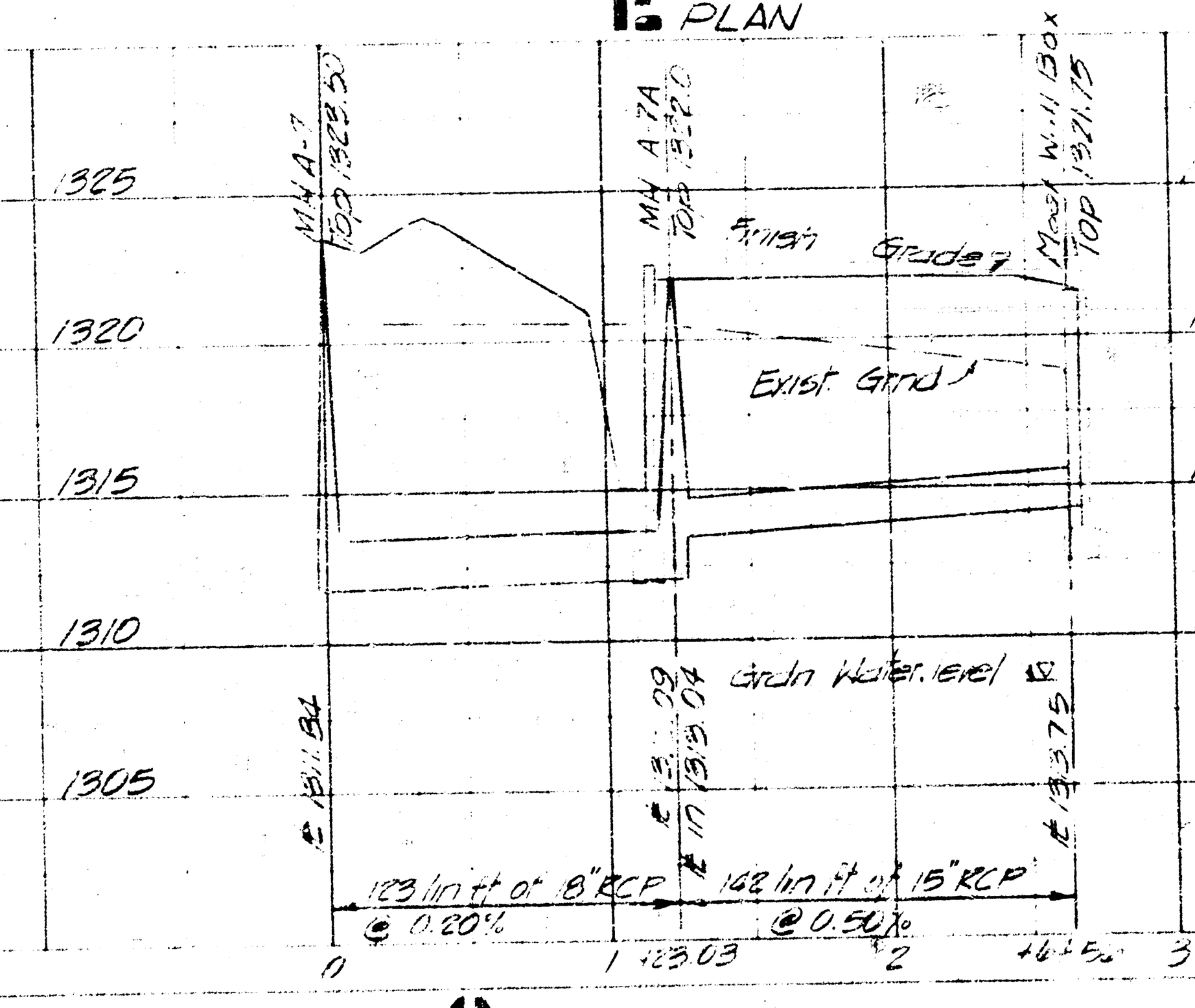
INLET OR MH NO	COORDINATES AT PIPE INTERSECTIONS	BEARINGS OF LINES	LENGTH AND SIZE OF LINE	℄ IN	℄ OUT	DIA OR SIZE OF INLET OR M H	TYPE OF RING	TYPE OF COVER	TOP ELEV	DEPTH FT	REMARKS
	MAINLINE										
A 13	2555N 11893E	S90°00 00 E	101 00 15		1313 28	4	WICHITA STD	WESTERN MG22 H 1	1317.00	3 72	INLET
A 12	2555N 11994E	S29°39 22 E	120 25 18	1313 08	1312 83	4	WICHITA STD	WESTERN MG22 H 1	1317 00	4 17	INLET
A 11	2450 50N 12053 50E	S 1°34 25 E	9 03 21	1312 59	1312 34	4	WICHITA STD	WESTERN MG22 H 1	1317 20	4 86	INLET
A 10	2359 50N 12056E	S48°47 46 W	101 52 21	1312 16	1312 16	4	WICHITA STD	WESTERN MG22 H 1	1316 20	4 04	INLET
A 8	2250N 11982E	S 0°00 00 W	22 00 21	1311 96	1311 96	7	WICHITA STD	WICHITA STD	1321 75	9 79	M H
A 7	2228N 11982E	S15°11 09 W	72 53 4 1	1311 84	1311 84	7	WICHITA STD	WICHITA STD	1323 50	11 66	M H
A 6	2158N 11963E	S32°32 06 E	58 80 4 1	1311 69	1311 69	6	WICHITA STD	WICHITA STD	1320 30	8 61	M H
A 5	2100N 12000E	S 0°00 00 E	78 00 4 1	1311 55	1311 55	6	WICHITA STD	WICHITA STD	1320 00	8 45	M H
A 4	2022N 12000E	S 0°00 00 E	117 00 5 1	1311 39	1311 39	6	WICHITA STD	WESTERN MG22 H 1	1319 00	7 61	INLET
A 3	1905N 12000E	S 0°00 00 E	445 00 36	1311 16	1310 16	6	WICHITA STD	WICHITA STD	1322 00	11 84	M H
A 2	1460N 12000E	S 0°00 00 E	185 00 48	1309 27	1308 52	8 x 9 R C	WICHITA STD	WICHITA STD	1319 25	9 73	M H
A 1	1275N 12000E			1305 74	1305 24						OUTFALL STRUCT
	LATERALS (EXC STUB OUTS)										
A 7	2228N 11982E	N70°32 03 E	123 03 18	1311 84	1311 84	7	WICHITA STD	WICHITA STD	1323 50	11 66	M H
A 7A	2269N 12098E	S47°17 26 E	141 53 15	1313.04	1312 09	5	WICHITA STD	WICHITA STD	1322 00	9 91	M H
	2172N 12195E				1313.75						
A 3	1905N 12000E	S79°55 10 W	91 41 18	1311 40	1310 16	6	WICHITA STD	WICHITA STD	1322 00	11 84	M H
A 3A	1889N 11910E	N 5°49 35 W	98 51 18	1311 58	1311 58	4	WICHITA STD	WICHITA STD	1321 50	9 92	M H
A 3B	1987N 11900E	N 0°00 00 E	53 00 15	1312 30	1311 80	4	WICHITA STD	WICHITA STD	1320 00	8 20	M H
A 3C	2040N 11900E				1313 36	4	WICHITA STD	WESTERN MG22 H 1	1319 00	5 64	INLET
A 9	2302N 12011E	S67°31 14 W	31 38 12		1313 00	2 x2 R C	WICHITA STD	WICHITA STD	1314 50	1 50	SPECIAL INLET
A 8	2290N 11982E			1312 50	1311 96	7	WICHITA STD	WICHITA STD	1321 75	9 79	M H

I GENERAL NOTES:

1. FOR HORIZONTAL AND VERTICAL CONTROL SEE SHEET NO S6C AND S7C
2. FOR TEST HOLE LOGS SEE SHEET NO S13C
3. STUBOUTS FROM MH A-3, INLET A 4, MH A-6, MH A-3A, MH A-3B, MH A 7A ARE TO BE CONNECTED TO THE MOAT WALL BOXES. SEE D2F58
4. CAST IRON PIPE STUBOUTS FROM MH A-7A ARE TO BE PROPERLY PLUGGED
5. STORM SEWER SHALL BE CONSTRUCTED PRIOR TO RETAINING AND BARRIER WALLS. SEE DETAIL SHEETS FOR MODIFICATIONS AND ADAPTATIONS OF RETAINING AND BARRIER WALLS
6. PIPE LENGTHS SHOWN ARE CENTER TO CENTER OF MANHOLES OR AS REQUIRED TO ACCOMODATE APPURTENANT STRUCTURES AT THE POINTS INDICATED
7. ELEVATIONS OF M.H. COVERS ARE TO BE 3 INCHES BELOW GRADE AND ARE TO BE VERIFIED IN THE FIELD
8. SEE DETAIL BOOK FOR STANDARD DETAILS



F PROFILE

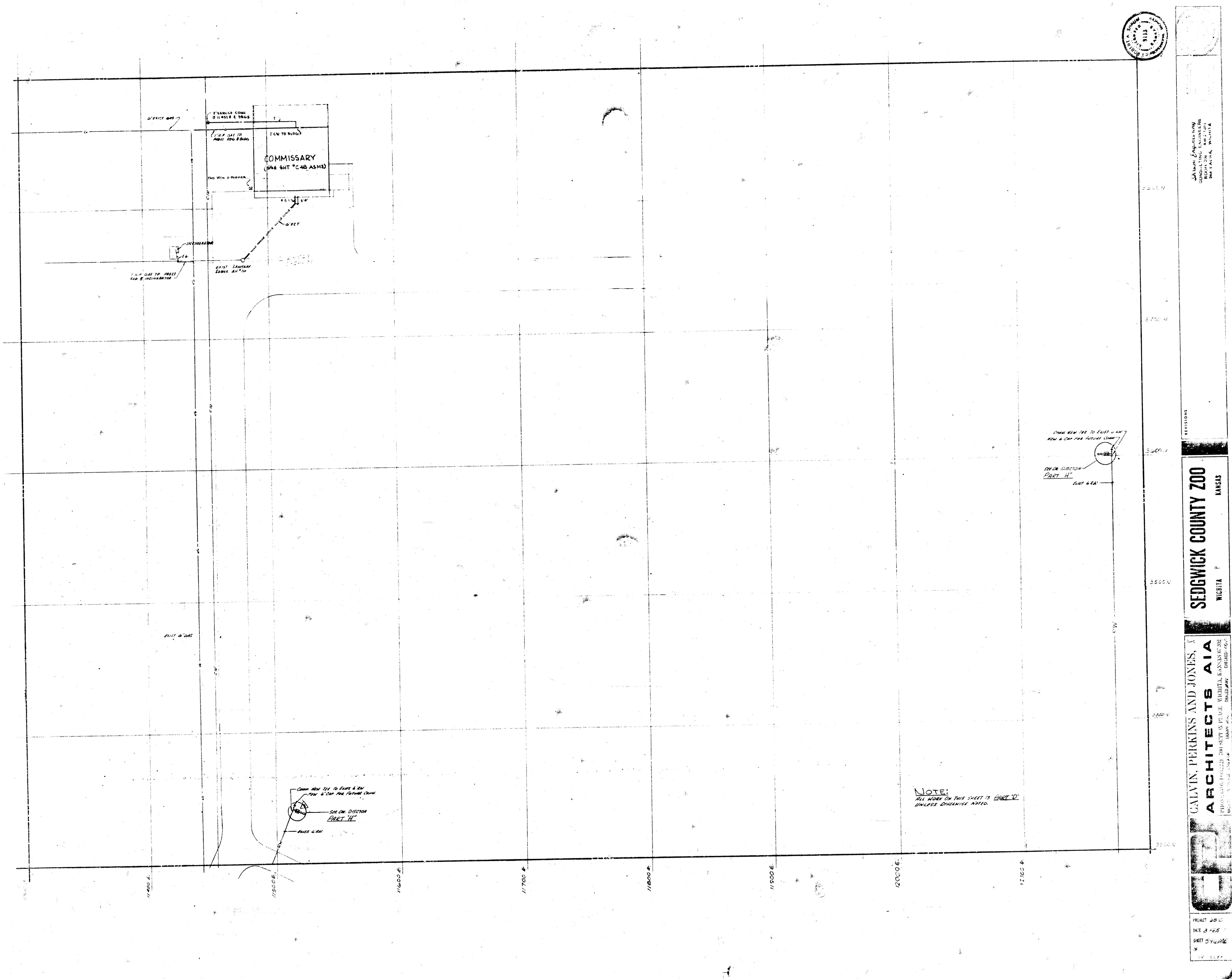


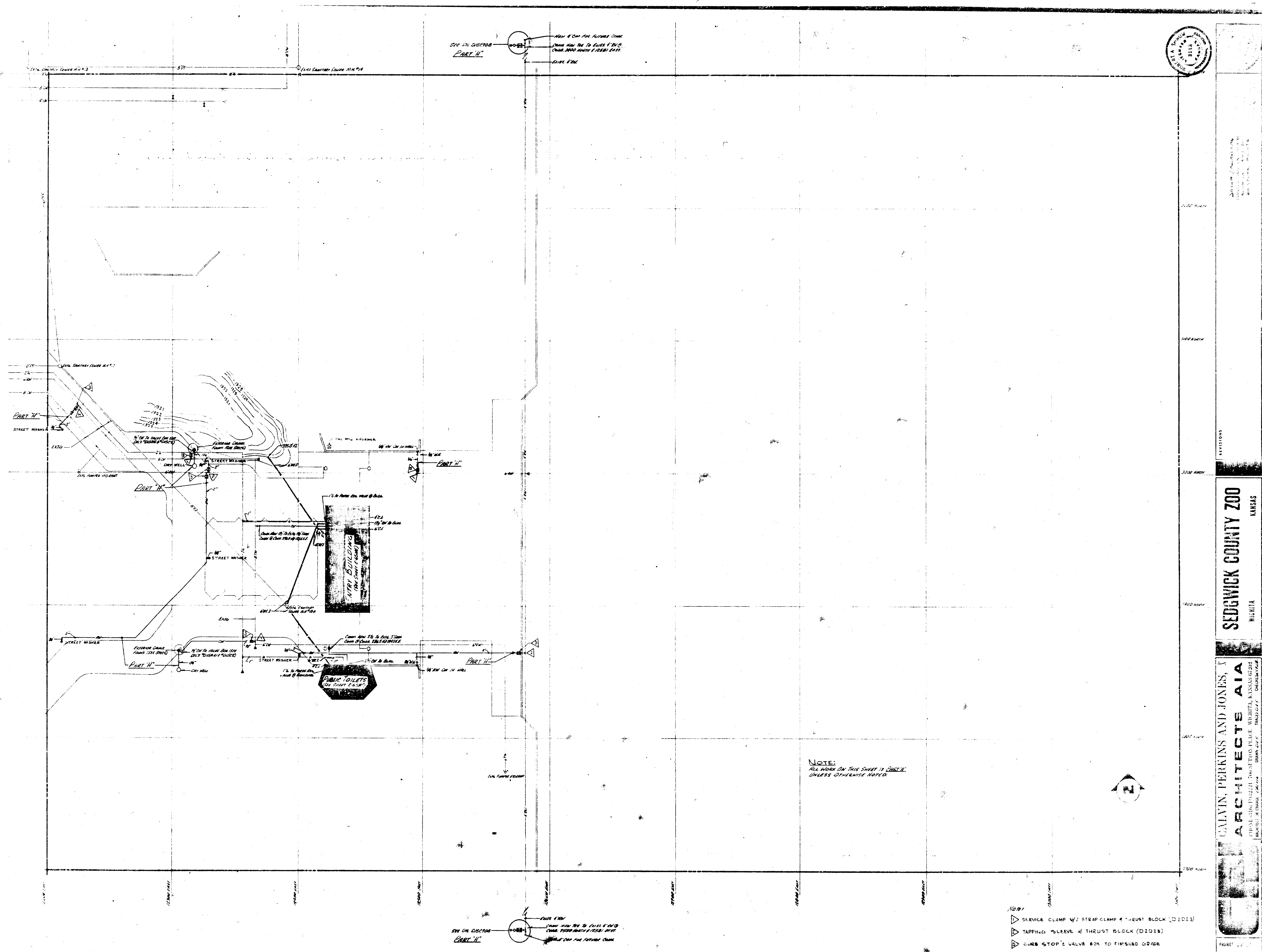
G PROFILE

GALVIN, PERKINS AND JONES, ARCHITECTS AIA

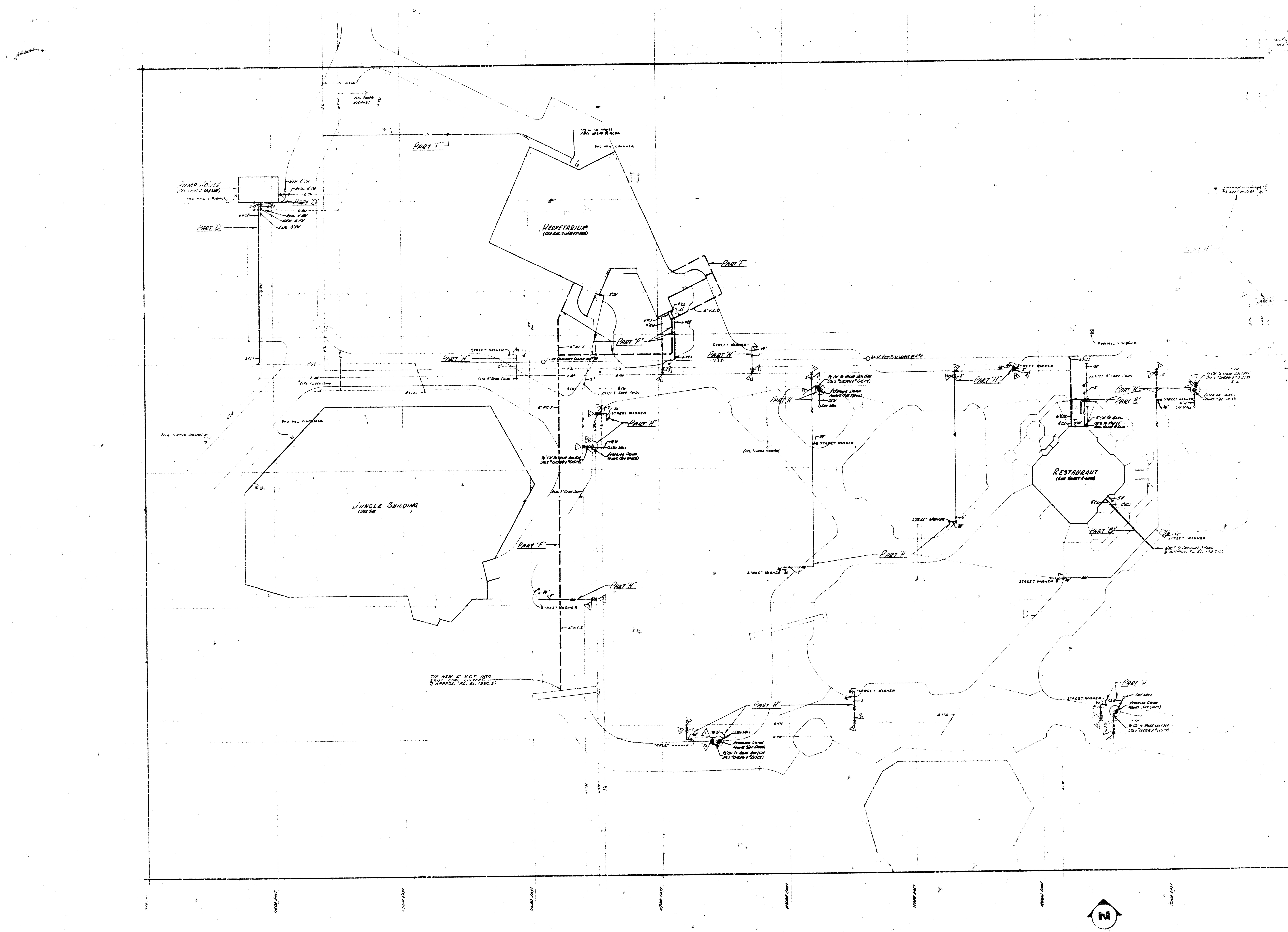
SEDGWICK COUNTY ZOO

STORM DRAIN LINES


COMMISSARY
(SEE SHT "C4B ASM2)
2" SERVICE CONN. @ 11451E & 3865
6" EXIST GAS
1" H.P. GAS TO PRESS REG & BLDG
2" CW TO BLDG
PAD MTH X-FORMER
6" VCT
INCINERATOR
1" H.P. GAS TO PRESS REG & INCINERATOR
EXIST SANITARY SEWER MH #16
EXIST 6" GAS
CONN. NEW TEE TO EXIST 6" RW
NEW 6" CAP FOR FUTURE CONN.
SEE DR. D15C10A
PART "H"
EXIST 6" RW
CONN. NEW TEE TO EXIST 6" RW
NEW 6 CAP FOR FUTURE CONN.
SEE DR. D15C10A
PART "H"
EXIST 6" RW
NOTE:
ALL WORK ON THIS SHEET IS PART "D" UNLESS OTHERWISE NOTED.
11400 E.
11500 E.
11600 E.
11700 E
11800 E
11900 E.
12000 E.
12100 E
3600 N
3500 N
3400 N
3300 N
Shaw Engineering
CONSULTING ENGINEERS
REVISIONS
SEDGWICK COUNTY ZOO
WICHITA KANSAS
CALVIN, PERKINS AND JONES,
ARCHITECTS AIA
700 SUTTON PLACE WICHITA, KANSAS 67202
PROJECT 68
DATE 8 FEB
SHEET



PART "H"
STREET WASHER
DRY WELL
ENTRY BUILDING
PUBLIC TOILETS
NOTE:
ALL WORK ON THIS SHEET IS PART "A"
UNLESS OTHERWISE NOTED.
NOTE:
1 SERVICE CLAMP W/2 STRAP CLAMP & THRUST BLOCK (D2023)
2 TAPPING SLEEVE W/ THRUST BLOCK (D2025)
3 CURB STOP & VALVE BOX TO FINISHED GRADE
REVISIONS
SEDGWICK COUNTY ZOO
WICHITA
KANSAS
CALVIN, PERKINS AND JONES,
ARCHITECTS AIA

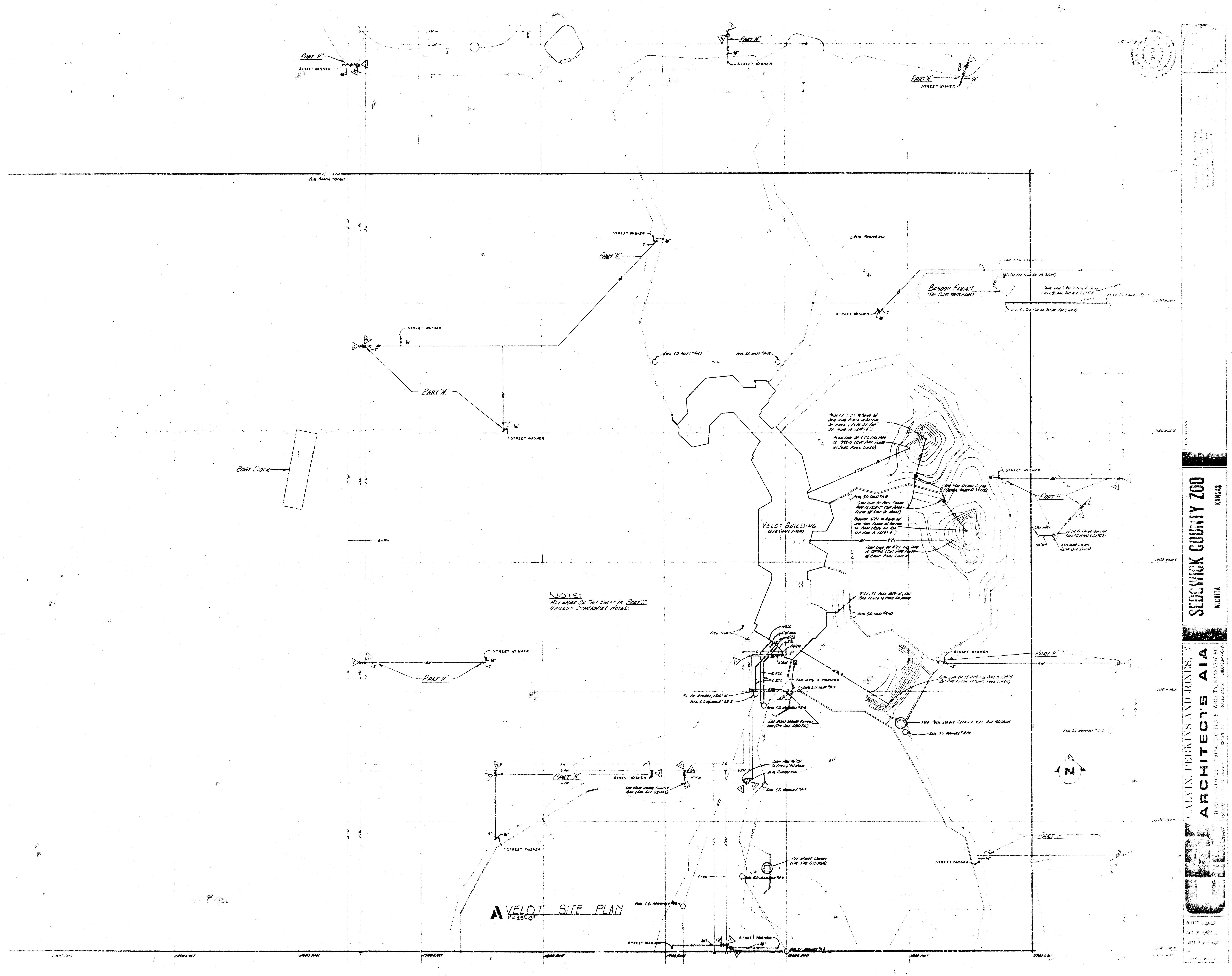


A CENTRAL CIRCULATION SITE PLAN
1" = 25'-0"

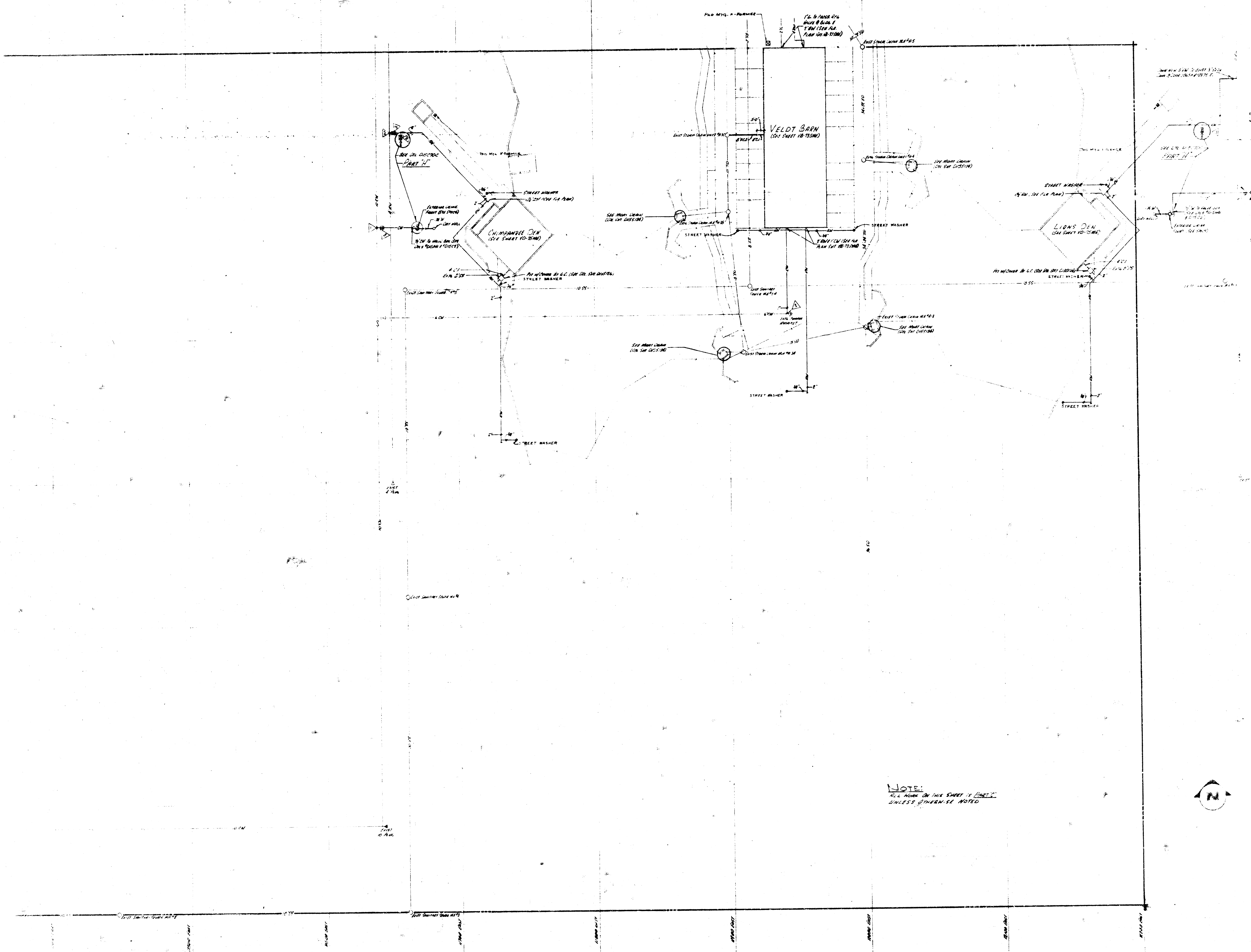
REVISIONS

SEDGWICK COUNTY ZOO
WICHITA KANSAS

CALVIN, PERKINS AND JONES,
ARCHITECTS AIA
WICHITA, KANSAS 67202



A VELDT SITE PLAN
1" = 25'-0"
NOTE:
ALL WORK ON THIS SHEET IS PART "C" UNLESS OTHERWISE NOTED.
VELDT BUILDING
BABOON EXHIBIT
BOAT DOCK
STREET WASHER
PART "H"
SEDGWICK COUNTY ZOO
WICHITA
KANSAS
REVISIONS
CALVIN, PERKINS AND JONES, P.A.
ARCHITECTS AIA
WICHITA, KANSAS 67202



A VELDT SITE PLAN
1" = 25'-0"

SEDGWICK COUNTY ZOO
WICHITA KANSAS

CALVIN, PERKINS AND JONES,
ARCHITECTS AIA