

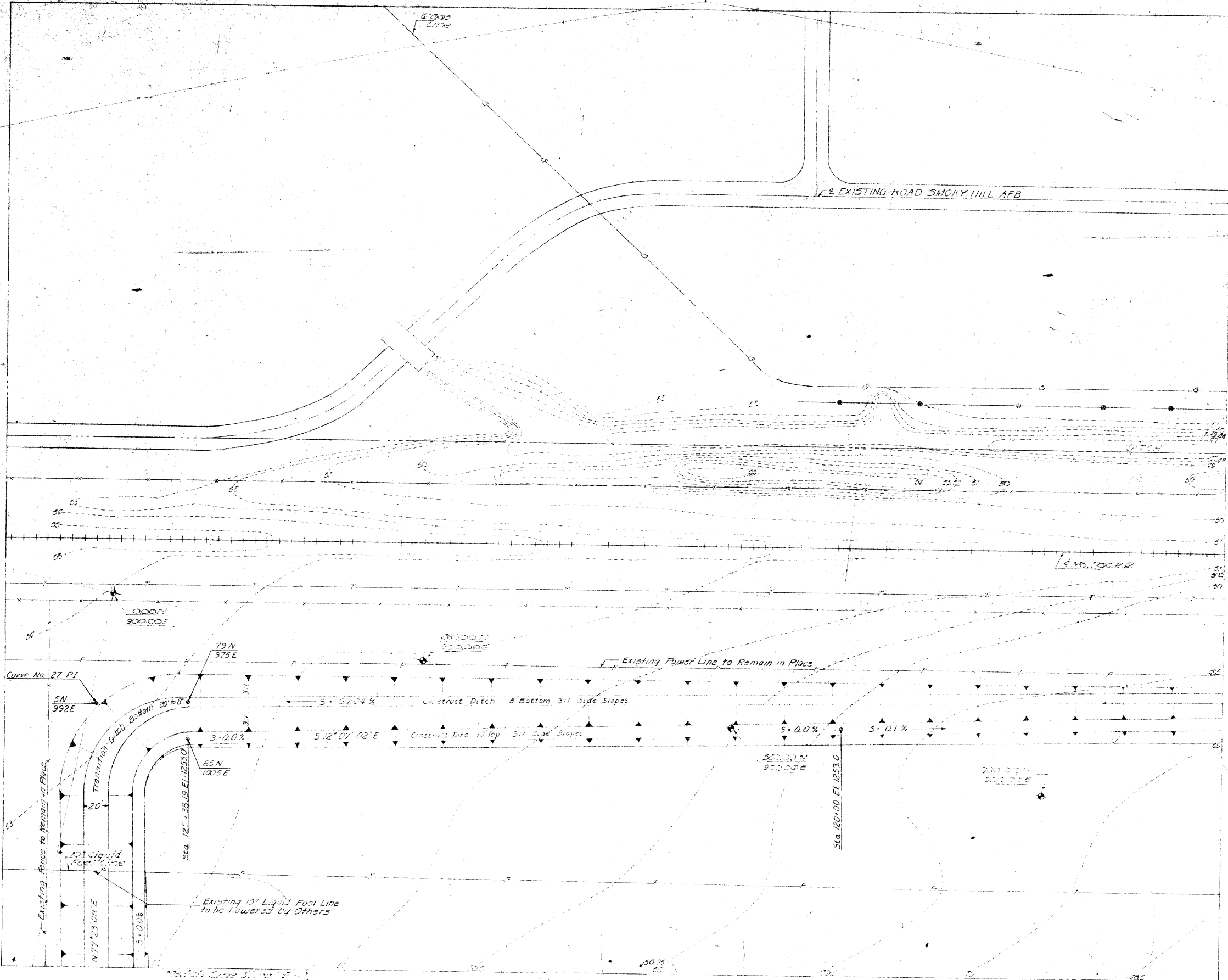


RECORD DRAWINGS

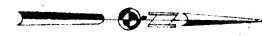
REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES FAMILY HOUSING DIVISION WASHINGTON 25, D.C.	
DESIGNED	KERBY	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS	
DRAWN	HUNT	GENERAL SITE PLAN STORAGE DRAINAGE	
CHECKED	KERBY	Reviewed and approval recommended Date <i>10/12/55</i> Approved <i>[Signature]</i>	
SUBMITTED	<i>[Signature]</i> L. M. Van Doren ARCHITECT-ENGINEER	AF Project No. AF-67 FPA Project No. 102-B1001AS-AIR NO. 1	
Date	MAY 1955	CAPT. MORAN T. BOARD Contracting Officer USAF Date 12 OCTOBER 1955 Sheet No. 111 of 207	

SCALE: 1" = 40'

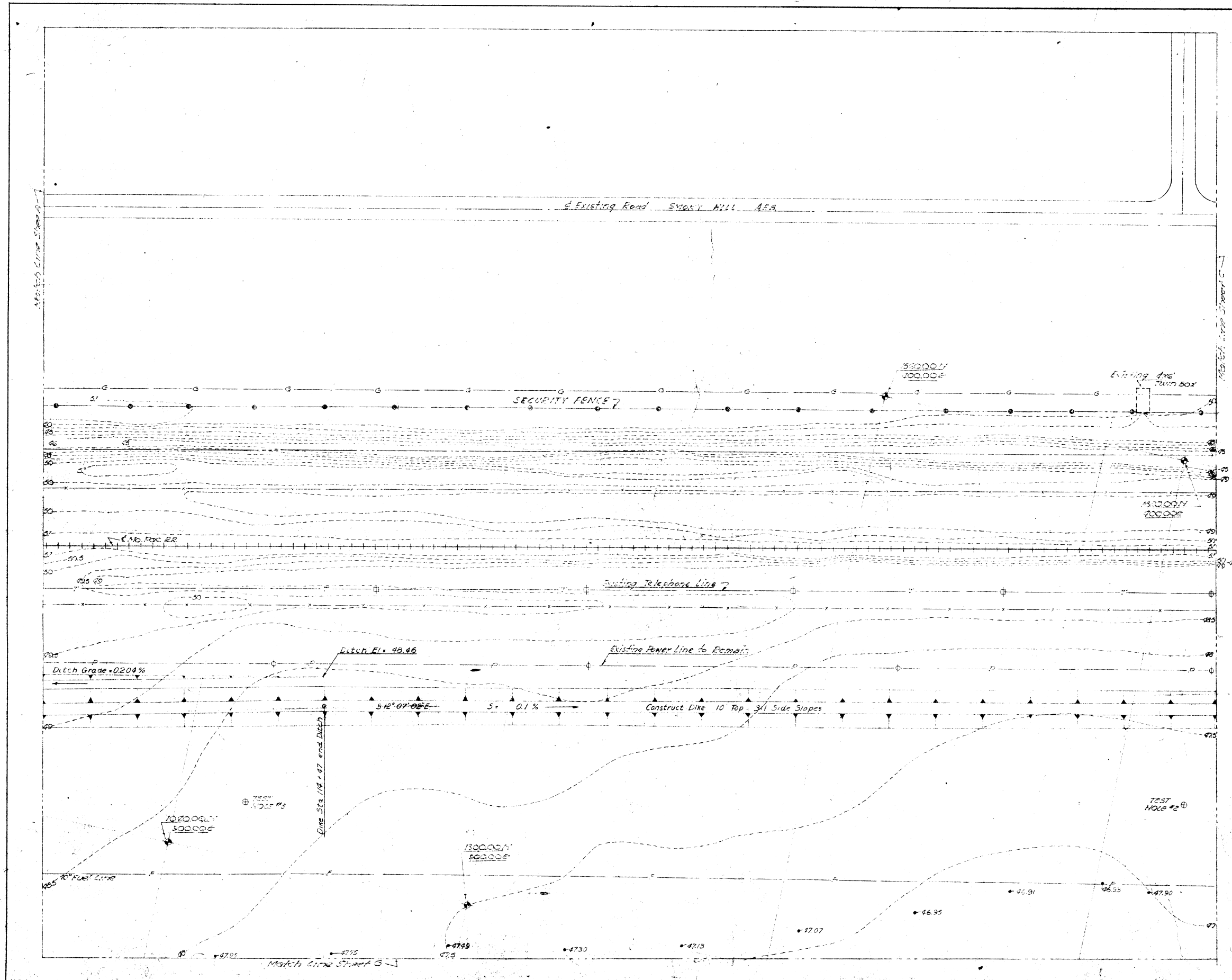
LEGEND	
---	Existing Contours
---	Existing Structures
B	New Property Line
G	Existing Gas Line
F	Existing Fuel Line
T	Existing Telephone Line
P	Existing Power Line
D	Construct Storm Drain with Headwall & Inlet
---	Direction of Surface Drainage with Finish Grade Elevation
FL 90.6 N 84° 15' W	New Housing Unit with Number, Coordinate Location, Bearing & Finished Floor Elevation
---	30' Concrete Curb & Gutter with 4' Concrete Sidewalk
---	Layout Control Point with Coordinate



RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIALS
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
DESIGNED HUNT DRAWN WEBER CHECKED HUNT SUBMITTED		FAMILY HOUSING PROJECT FOR SMOKEY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "A"			
Reviewed and approval recommended Date MAY 10 1958 Approved Moray T. Hoard Date MAY 10 1958		AF Project No. AF-47 FHA Project No. 102-81001AS-AIR NO 1 Date 12 OCTOBER 1955		CAPT MORAY T. HOARD Contracting Officer USAF Sheet No. 112 of 207	



SCALE: 1" = 40'

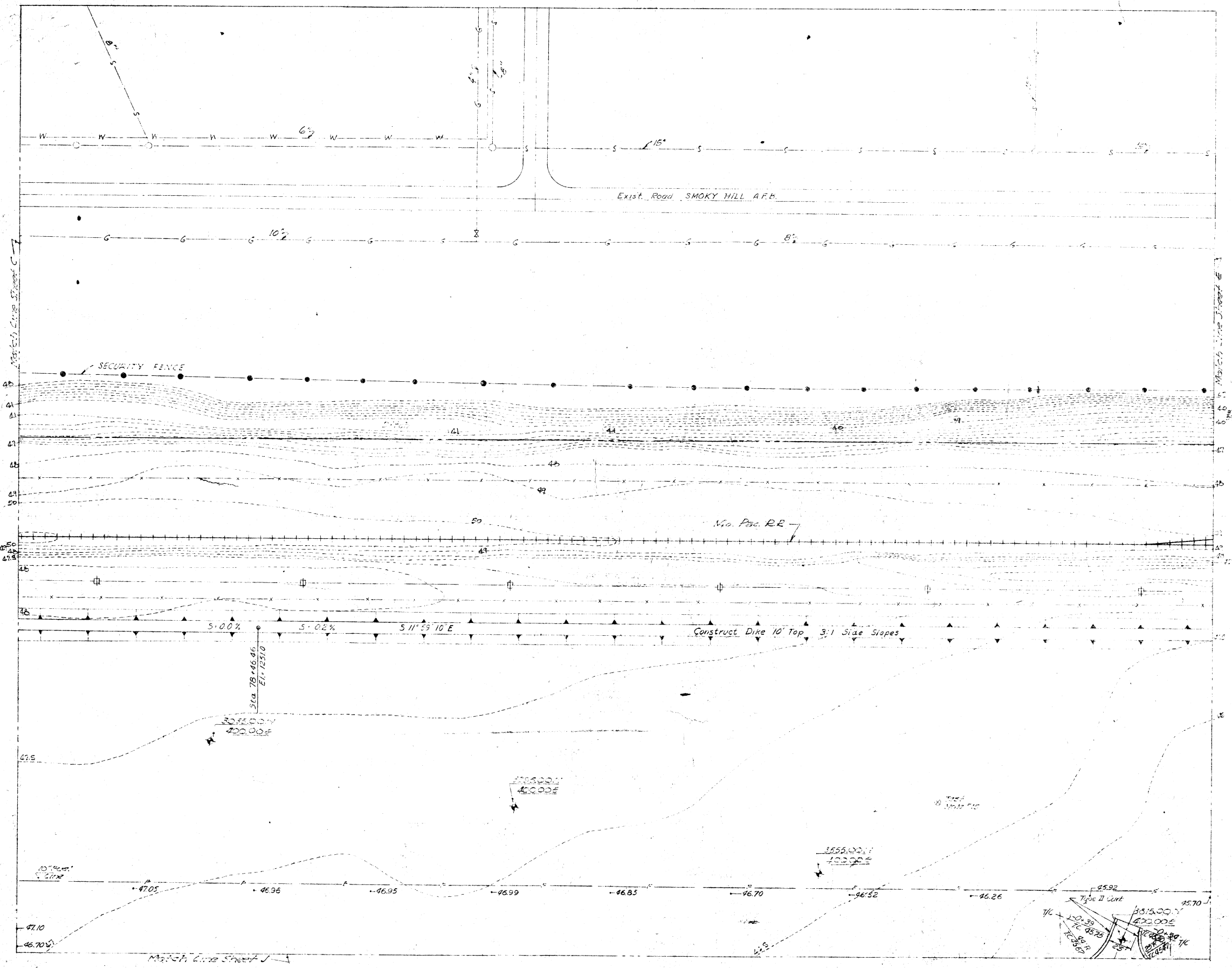


For LEGEND See Section Sheet "A"

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE ENGINEERS OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPKA, KANSAS		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS			
DESIGNED HUNT		"DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "B"			
DRAWN WEBER		AF Project No. AF-47			
CHECKED HUNT		PNA Project No. 102-800MS-AIR (ND)			
SUBMITTED L. M. VanDoren ARCHITECT-ENGINEER		Date 12 OCTOBER 1955			
Reviewed and approved recommended James S. Wall Deputy IFO		Date MAY 10 1956			
Approved Moray T. Hoard		CAPT MORAY T. HOARD Contracting Officer USAF			
Date MAY 10 1956		Sheet No. 113 of 207			

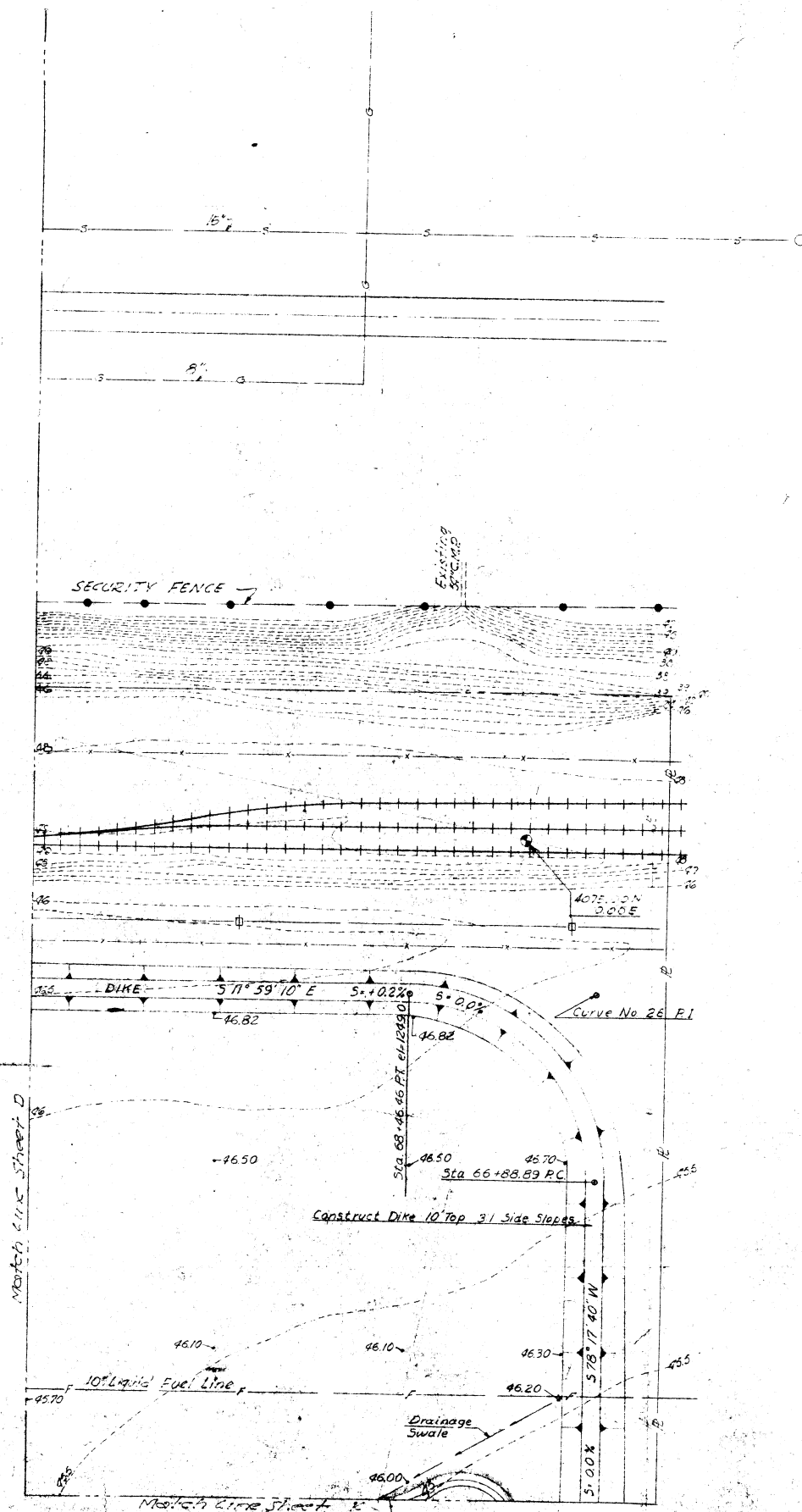
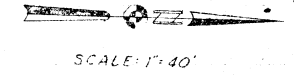


SCALE: 1"=40'



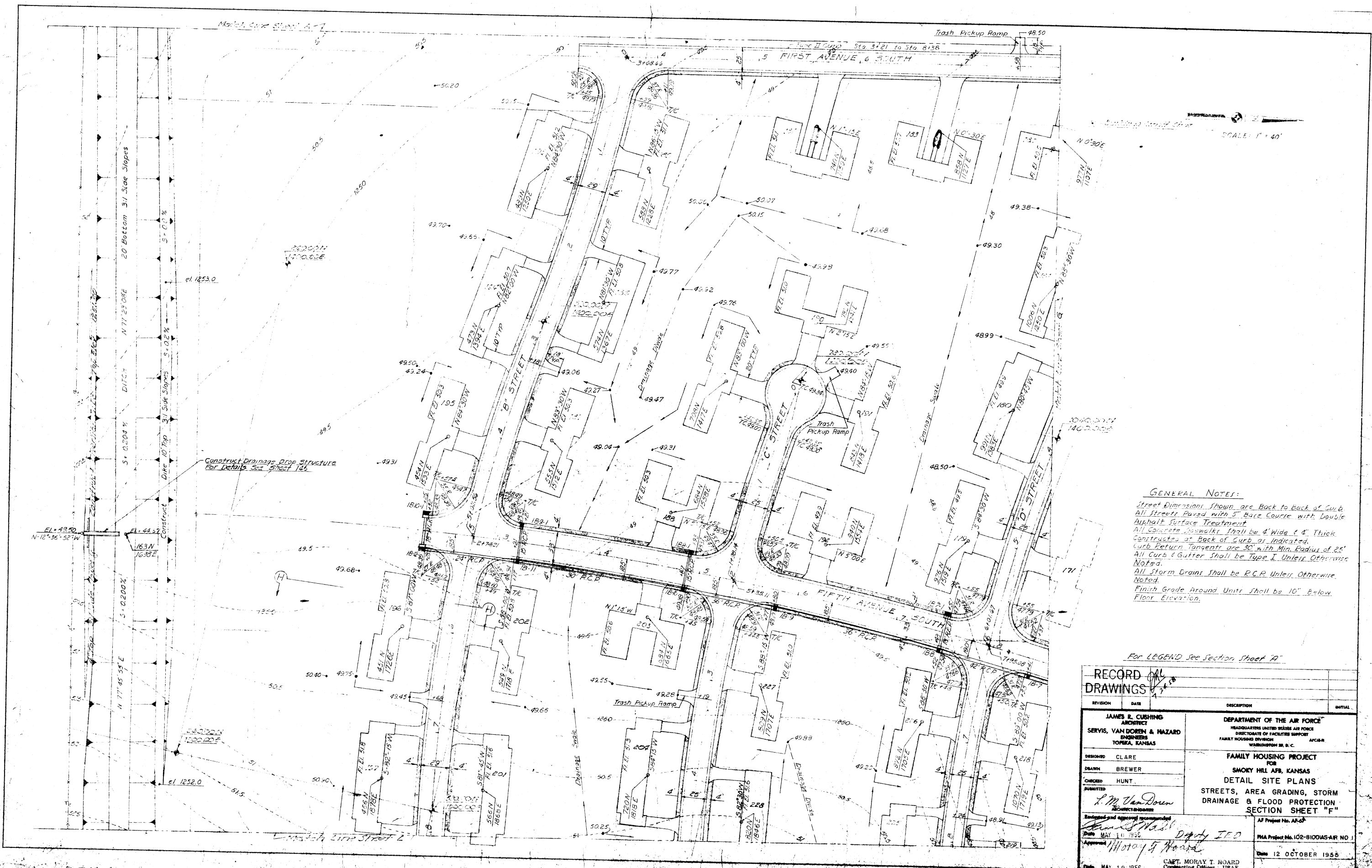
For LEGEND See Section Sheet 79

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. AFCE-4			
DESIGNED	HUNT	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS			
DRAWN	WEBER	DETAIL SITE PLANS			
CHECKED	HUNT	STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "D"			
SUBMITTED	L. M. Van Dorn ARCHITECT-ENGINEER	AF Project No. AF-67			
Reviewed and approved/recommended	James S. Wall Deputy IEO	AF Project No. 16-102-B1001A5-AIR NO 1			
Date	MAY 10 1956	Date 12 OCTOBER 1955			
Approved	Moray T. Hoard CAPT MORAY T. HOARD Contracting Officer, USAF	Sheet No. 115 of 207			
Date	MAY 10 1956				



For LEGEND See Section Sheet "A"

RECORD DRAWINGS			
REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED HUNT		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. AFOS-H	
DRAWN WEBER		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL - SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "E"	
CHECKED HUNT		AF Project No. AF-47 FMA Project No. 102-8100AS-ALP-NO 1	
SUBMITTED <i>J. M. Van Down</i> ARCHITECT-ENGINEER		Date MAY 10 1956 Approved <i>Moray T. Hoard</i> CAPT. MORAY T. HOARD Contracting Officer USAF	
Revised and approved as shown <i>Paul S. Wall</i> Deputy JFO Date MAY 10 1956		Date 12 OCTOBER 1958 Sheet No. 11.6 of 207	

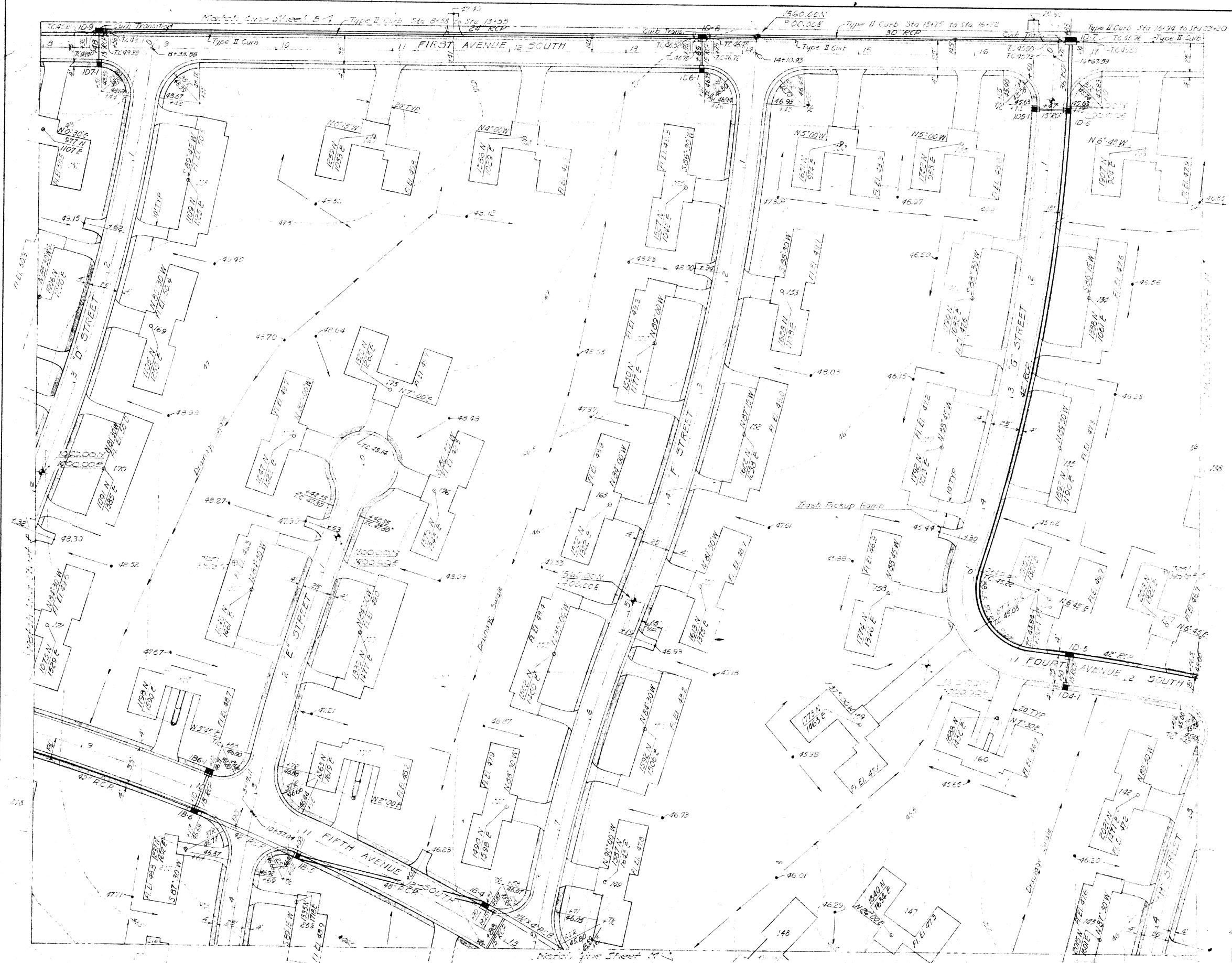


SCALE: 1" = 40'

GENERAL NOTES:
 Street Dimensions Shown are Back to Back of Curb.
 All Streets Paved with 5" Base Course with Double Asphalt Surface Treatment.
 All Concrete Sidewalks Shall be 4' Wide & 4" Thick Constructed at Back of Curb as Indicated.
 Curb Return Tangents are 30' with Min. Radius of 25'.
 All Curb & Gutter Shall be Type I, Unless Otherwise Noted.
 All Storm Drains Shall be R.C.P. Unless Otherwise Noted.
 Finish Grade Around Units Shall be 10" Below Floor Elevation.

For LEGEND See Section Sheet 'A'

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
DESIGNED: CLARE DRAWN: BREWER CHECKED: HUNT SUBMITTED: L. M. Van Doren ARCHITECT-IN-CHARGE		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "F"			
Approved and approved recommended Date: MAY 11 1955 Approved: Moray T. Hoard		AF Project No. AR-67 PMA Project No. 102-8100AS-AIR NO. 1 Date: 12 OCTOBER 1955 Sheet No. 117 of 207			
Date: MAY 10 1955 CAPT. MORAY T. HOARD Contracting Officer USAF					



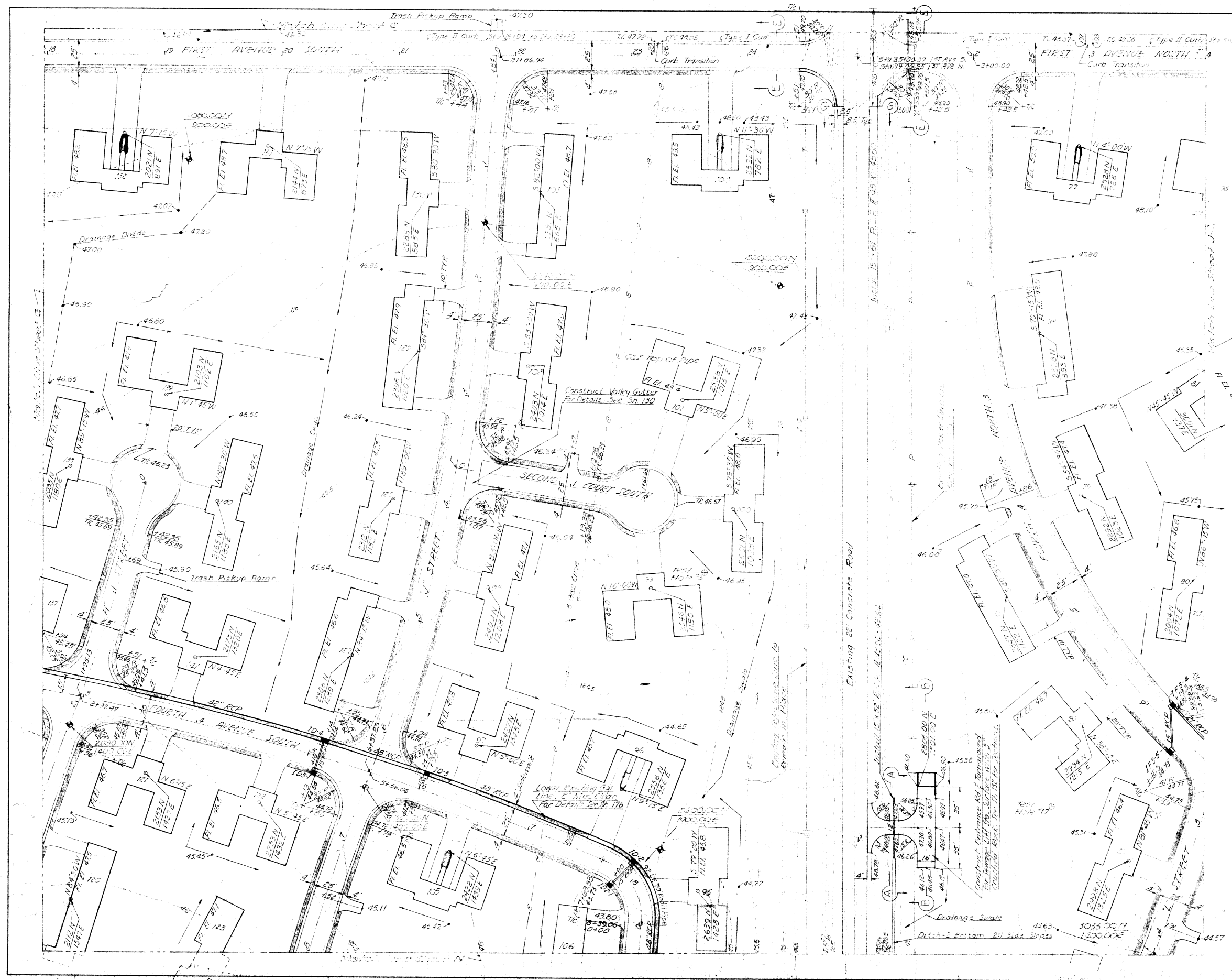
SCALE: 1" = 40'

GENERAL NOTES:

- Street Dimensions Shown are Back to Back of Curb
- All Streets Paved with 5" Base Course with Double Asphalt Surface Treatment.
- All Concrete Sidewalks Shall be 4" Wide & 4" Thick Constructed at Back of Curb as Indicated.
- Curb Return Tangents are 30' with Min. Radius 25'
- All Curb & Gutters Shall be Type II Unless Otherwise Noted.
- All Storm Drains Shall be RCP Unless Otherwise Noted.
- Finish Grade Around Units Shall be 10" Below Floor Elevation.

For LEGEND See Section Sheet "A"

RECORD DRAWINGS			
REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED: CLARE		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. AFCEM	
DRAWN: DAVIDSON		FOR FAMILY HOUSING PROJECT SMOKY HILL AFB, KANSAS	
CHECKED: HUNT		DETAIL SITE PLANS	
SUBMITTED:		STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "G"	
Reviewed and approved recommended <i>L.M. Van Doren</i> ARCHITECT-ENGINEER		AF Project No. AF-67	
Date: MAY 1 1955 Approved: <i>Moray T. Hoard</i> CAPT. MORAY T. HOARD Contracting Officer USAF		FHA Project No. IO2-81001AS-AIR NO 1 Date: 12 OCTOBER 1955 Sheet No. 118 of 207	

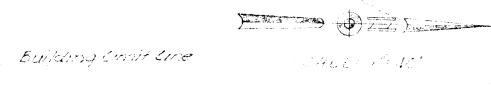


SCALE 1" = 30'

GENERAL NOTES:
 Street Dimensions Shown are Back to Back of Curb.
 All Streets Paved with 5" Base Course with Double Asphalt Surface Treatment.
 All Concrete Sidewalks Shall be 4' Wide & 4" Thick Constructed at Back of Curb as Indicated.
 Curb Return Curves are 30' with Min Radius 25'.
 All curb & gutter shall be Type I Unless Otherwise Noted.
 All Storm Drains shall be R.C.P. Unless Otherwise Noted.
 Finish Grade Around Units shall be 10" Below Floor Elevation.

For LEGEND See Section Sheet "A"

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIALS
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
DESIGNED CLARE DRAWN DAVIDSON CHECKED HUNT SUBMITTED		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "H"			
L. M. Van Doren ARCHITECT-ENGINEER Reviewed and approval recommended Date MA 10 1958 Approved		AF Project No. AF-67 FHA Project No. 102-81001AS-AIR NO. 1		Date 12 OCTOBER 1955 Sheet No. 119 of 207	



GENERAL NOTES:

Street Dimensions Shown are Back to Back of Curb.
 All Streets Paved with 5" Base Course with
 Double Asphalt Surface Treatment.
 All Concrete Sidewalks shall be 4" wide & 4" thick
 constructed at Back of Curb as Indicated.
 Curb Returns Tangents are 30' with Min Radius 25'.
 All Curb & Gutter shall be Type I unless Otherwise
 Noted.
 All Storm Drains shall be R.C.P. unless Otherwise
 Noted.
 Finish Grade around Units shall be 10" Below
 Floor Elevation.

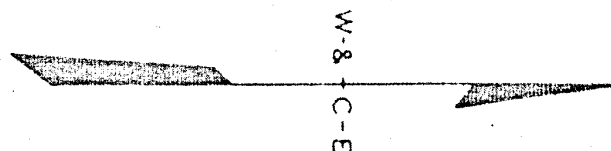
For LEGEND See Section Street "A"

RECORD DRAWINGS

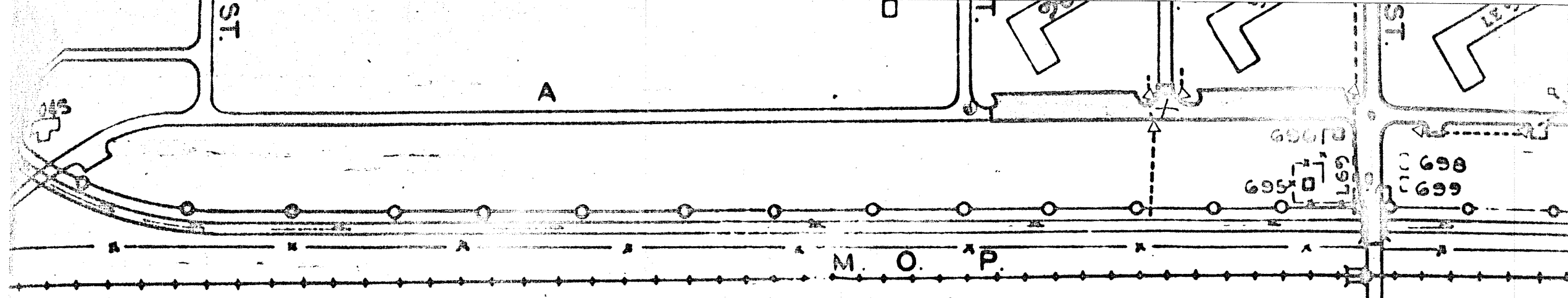
REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED		JAMES R. CUSHING ARCHITECT	
DRAWN		SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	
CHECKED		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. AFCEH	
SUBMITTED		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "J"	
Reviewed and approval recommended		AF Project No. AF-67	
Date		RIA Project No. 102-BIOOIAS-AIR NO 1	
Approved		Date 12 OCTOBER 1955	
Date MAY 10 1956		Sheet No. 120 of 207	

INTERSECTION REFERENCES

- B AVE. & 2ND ST. - SPIKE AT INTER.
 REF. NO. 1 SPIKE IN POWER POLE 88.2' NE
 NO. 2 SPIKE IN POWER POLE 55.4' ENE
 NO. 3 SPIKE IN POWER POLE 64.4' NW
- B AVE. & WAREHOUSE ROAD - SPIKE AT INTER.
 REF. NO. 1 SECURITY FENCE CORNER 52.3' NE
 NO. 2 SPIKE IN POWER POLE 42.2' SE
 NO. 3 SPIKE IN POWER POLE 56.0' NNW
- F AVE. & 8TH ST. - IRON BAR AT INTER.
 REF. NO. 1 SPIKE IN 40" TREE 70.2' NE
 NO. 2 NW CORNER OF HEADWALL 33.6' SW
 NO. 3 SPIKE IN POWER POLE 63.6' NW
- F AVE. & 7TH ST. - IRON BAR AT INTER.
 REF. NO. 1 SPIKE IN 40" TREE 53.4' SE
 NO. 2 CENTER OF MANHOLE 54.8' SW
 NO. 3 SPIKE IN POWER POLE 60.0' NW
- E AVE. & 3TH ST. - SPIKE AT INTER.
 REF. NO. 1 SPIKE IN POWER POLE 60.8' NE
 NO. 2 SPIKE IN 50" TREE 55.4' S
 NO. 3 TOP FIRE HYDRANT 16.0' N
- E AVE. & 4TH ST. - SPIKE AT INTER.
 REF. NO. 1 SPIKE IN POWER POLE 43.0' NNE
 NO. 2 SPIKE IN 30" TREE 37.5' S
 NO. 3 TOP FIRE HYDRANT 16.8' N
- E AVE. & 2ND ST. - SPIKE AT INTER.
 REF. NO. 1 SPIKE IN POWER POLE 57.4' NE
 NO. 2 SPIKE IN 30" TREE 65.7' NW
- HEADQUARTERS DRIVE & 4TH ST. SPIKE AT INTER.
 REF. NO. 1 TOP FIRE HYDRANT 54.0' NE
 NO. 2 SPIKE IN POWER POLE 60.6' SW
 NO. 3 SPIKE IN POWER POLE 60.2' NW



GRAPHIC SCALE: 1 INCH = 200 FEET

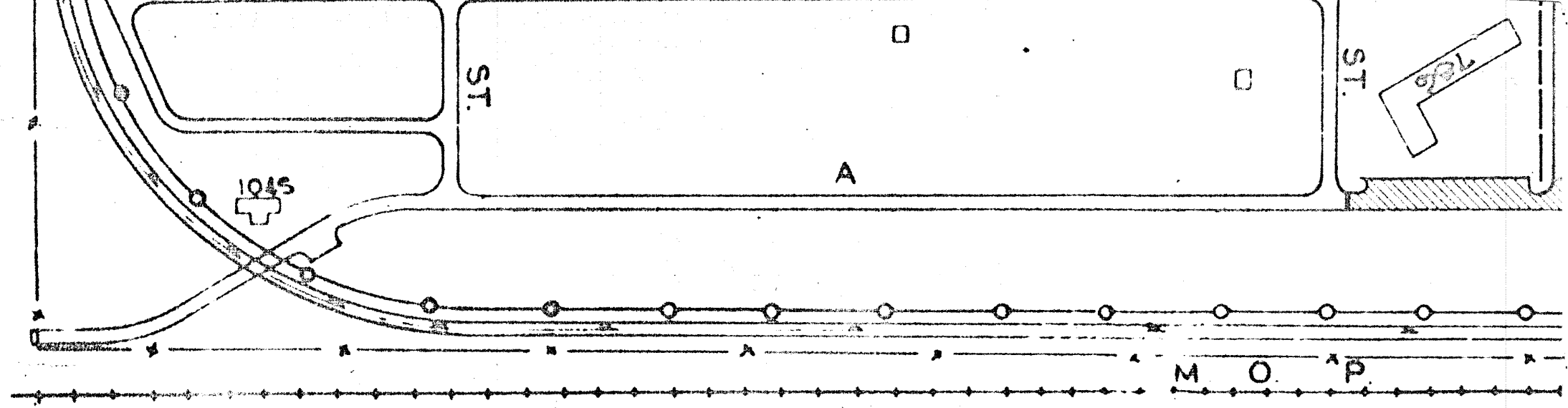


B E N C H M A R K S

NO.	ELEVATION	DESCRIPTION
R-14	1251.24	TOP NW COR. W. HUBGUARD AT EIGHTH ST. & "B" AVE.
R-14B	1250.30	"X" CUT IN N. SIDE M.H. RIM NW COR. 8TH. & "A" AVENUE.
R-15B	1250.05	"X" IN SE COR. OF S. END OF SIDEWALK WEST SIDE "A" AVE. BLDG. 686.
R-16B	1251.60	S. CAP BOLT F.H. NW OF AIR POLICE SHACK AT MAIN ENTRANCE.
#81	1250.99	CUT AT SE COR. OF CONC. SIDEWALK AROUND GAS STATION 200' NW 4TH. & "A" AVENUE.
#82	1250.70	"O" IN OPEN F.H. 70' SE OF SE BLDG. COR. 500' N 4TH. & "A" AVE.
#83	1248.34	CUT IN SE COR. OF CONC. APPROACH TO STEP 7' N OF SE COR. BLDG. #240 (AIR INSTALLATIONS).
#84	1247.96	CUT IN NE COR. CONC. SW 40' N OF NE COR. BLDG. #240 (AIR INSTALLATIONS).
R-12	1253.81	TOP NW COR. W. HUBGUARD AT EIGHTH ST. & "D" AVE.
R-17	1254.05	S. CAP BOLT HYDRANT "D" AVE. & SIXTH ST.
R-18	1253.30	"X" ON W. RIM OF CONC. SEWER MANHOLE AT "D" AVE. & FOURTH ST.
R-19	1253.49	W. CAP BOLT HYDRANT "D" AVE. & THIRD ST. E OF BLDG. 374.
R-20	1252.10	W. CAP BOLT HYDRANT "D" AVE. & SECOND ST. E OF BLDG. 274.
R-21	1254.57	NW CAP BOLT HYDRANT "D" AVE. & FIRST ST. E OF BLDG. 124.
R-22	1256.43	W. CAP BOLT HYDRANT "D" AVE. & WAREHOUSE ROAD EAST OF WAREHOUSE 23.
R-7	1257.63	E. CAP BOLT HYDRANT ON "E" AVE. BETWEEN FIFTH ST. & SIXTH ST.
R-8A	1256.71	N. CAP BOLT - F.H. - N. SIDE 8TH ST. - 459' EAST OF "E" AVE.
R-13A	1252.53	N. CAP BOLT N. SIDE 4TH. ST. 315' WEST OF "E" AVE.

"E" AVE. IN THIS DESCRIPTION IS DESIGNATED AS "F" AVE. IN THESE PLANS

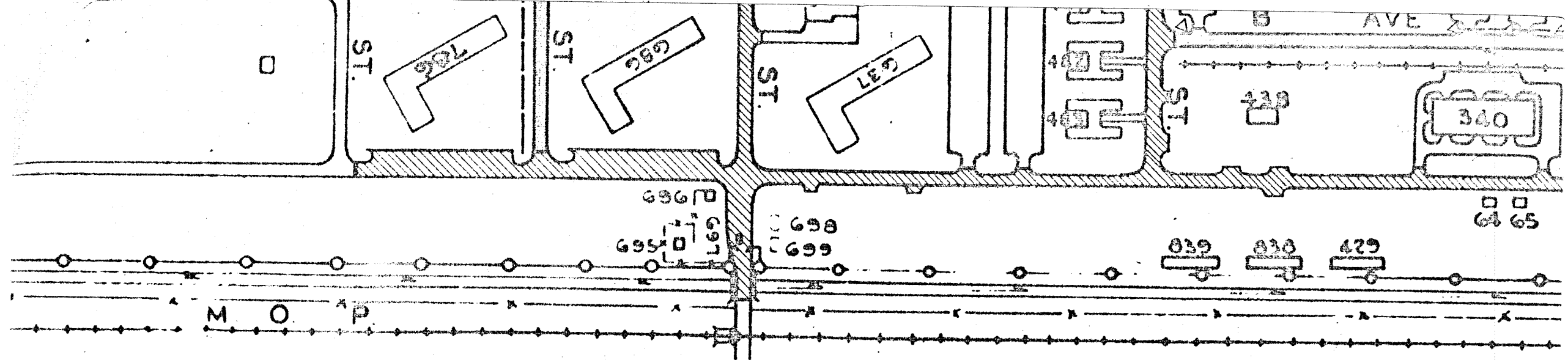
ELEVATION 1249.75 = ELEVATION 1250.05 - USC & GS - B.M. NO. P293.



BENCH MARKS

NO.	ELEVATION	DESCRIPTION	NO.	ELEVATION	DESCRIPTION
R-9	1256.80	TOP NW COR. W HUBGUARD AT "E" AVE. & EIGHTH STREET.	R-20A	1251.26	N. CAP BOLT F.H
R-12	1253.81	TOP NW COR. W. HUBGUARD AT EIGHTH ST. & "D" AVE.	#86	1255.60	S. CAP BOLT F.H
R-12C	1254.76	N. CAP BOLT F.H. NE COR. 7TH. & "D" AVENUE	#84	1247.96	CUT IN NE COR.
R-12D	1252.98	N. CAP BOLT F.H. N SIDE 7TH. ST. 700' EAST OF @ "D" AVE.	R-27A	1264.01	W. CAP BOLT F.H 180 N. @ 9TH.
R-15B	1250.05	"X" IN SE COR. OF S END OF SIDEWALK W SIDE "A" AVE. BLDG 686.	R-9A	1259.68	"M" IN MUELLER
R-6	1257.81	E. CAP BOLT HYDRANT ON "E" AVE. BETWEEN FOURTH ST. & FIFTH ST.	R-8	1258.99	E CAP BOLT HYDR
R-5A	1254.89	N. CAP BOLT F.H. - NE COR 4TH. & HEADQUARTERS DRIVE.	#81	1250.99	CUT AT SE COR. "A" AVENUE.
R-18	1253.30	"X" ON W RIM OF CONC. SEWER MANHOLE AT "D" AVE. & FOURTH ST.	#84A	1247.96	W CAP BOLT F.H.
R-4A	1257.38	S. CAP BOLT F.H. IN FRONT OF BASE COMMISSARY STORE.			"E" AVE. IN THIS DESCRIPTION IS DESIGN.
R-20	1250.10	W. CAP BOLT HYDRANT 2D" AVE. & SECOND ST. E OF BLDG. 274.			

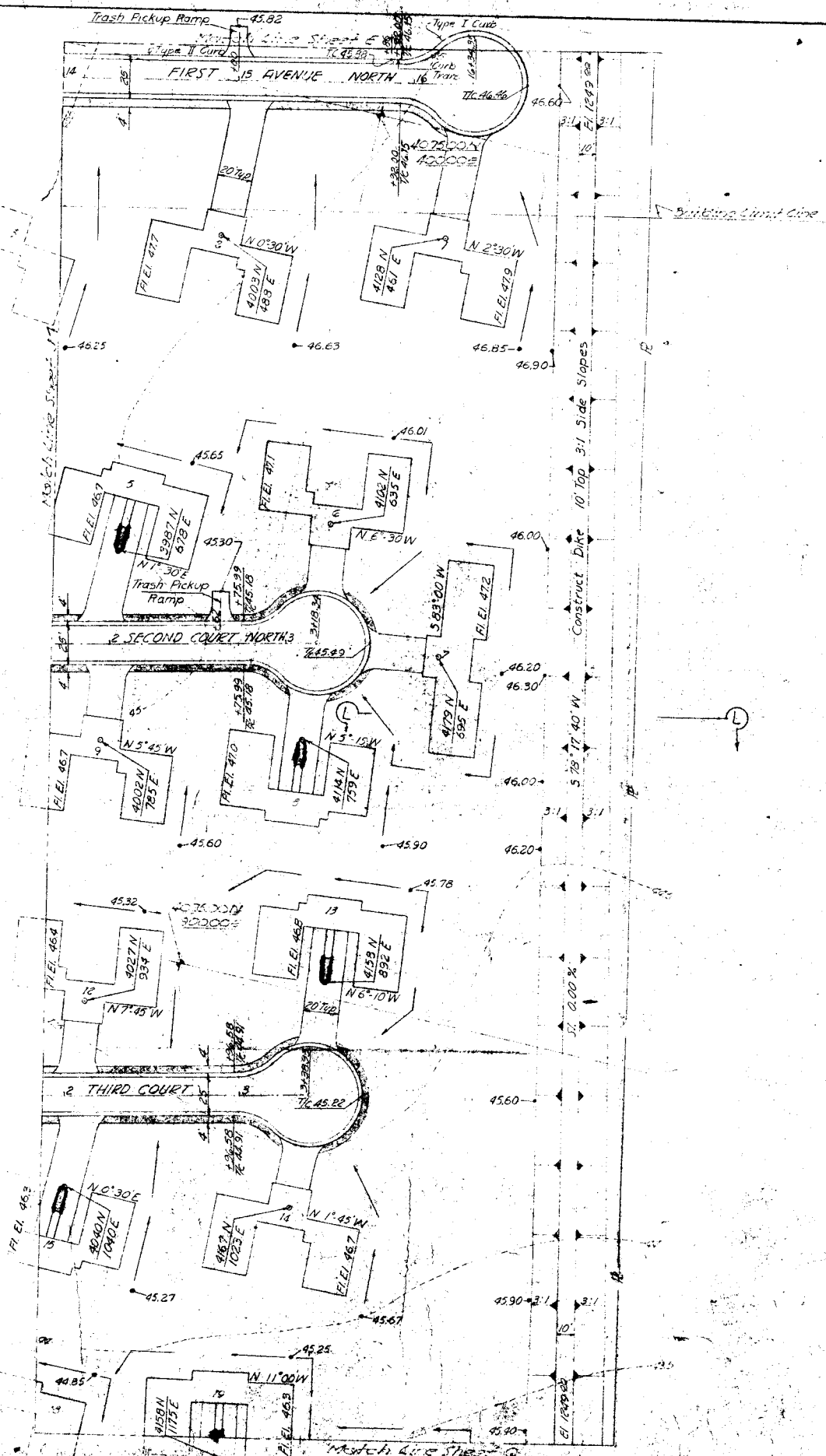
ELEVATION 1249.75 = ELEVATION 1250.05



BENCH MARKS

NO.	ELEVATION	DESCRIPTION
R-20A	1251.26	N. CAP BOLT F.H. NW COR. 2ND. ST. & "B" AVE.
#86	1255.60	S. CAP BOLT F.H. S SIDE WAREHOUSE ROAD 270° EAST OF "D" AVE.
#84	1247.96	CUT IN NE COR. CONC. SW 40° N OF NE COR BLDG. #240 (AIR INSTALLATIONS)
R-27A	1264.01	W. CAP BOLT F.H. E SIDE OF 10TH. ST. SW NEW BASE OPERATIONS BLDG. 180 N. "C" 9TH.
R-9A	1259.63	"M" IN MUELLER F.H. S OF GATE 1.
R-8	1258.99	E CAP BOLT HYDRANT ON "E" AVE. BETWEEN SIXTH ST. & SEVENTH ST.
#81	1250.99	CUT AT SE COR. OF CONC. SIDEWALK AROUND GAS STATION 200' NW 4TH. & "A" AVENUE.
#84A	1247.96	W CAP BOLT F.H. WEST SIDE OF "R" AVE. 348° SOUTH OF WAREHOUSE ROAD.

ELEVATION 1249.75 = ELEVATION 1250.05 - USC & GS - B.M. NO. P293.

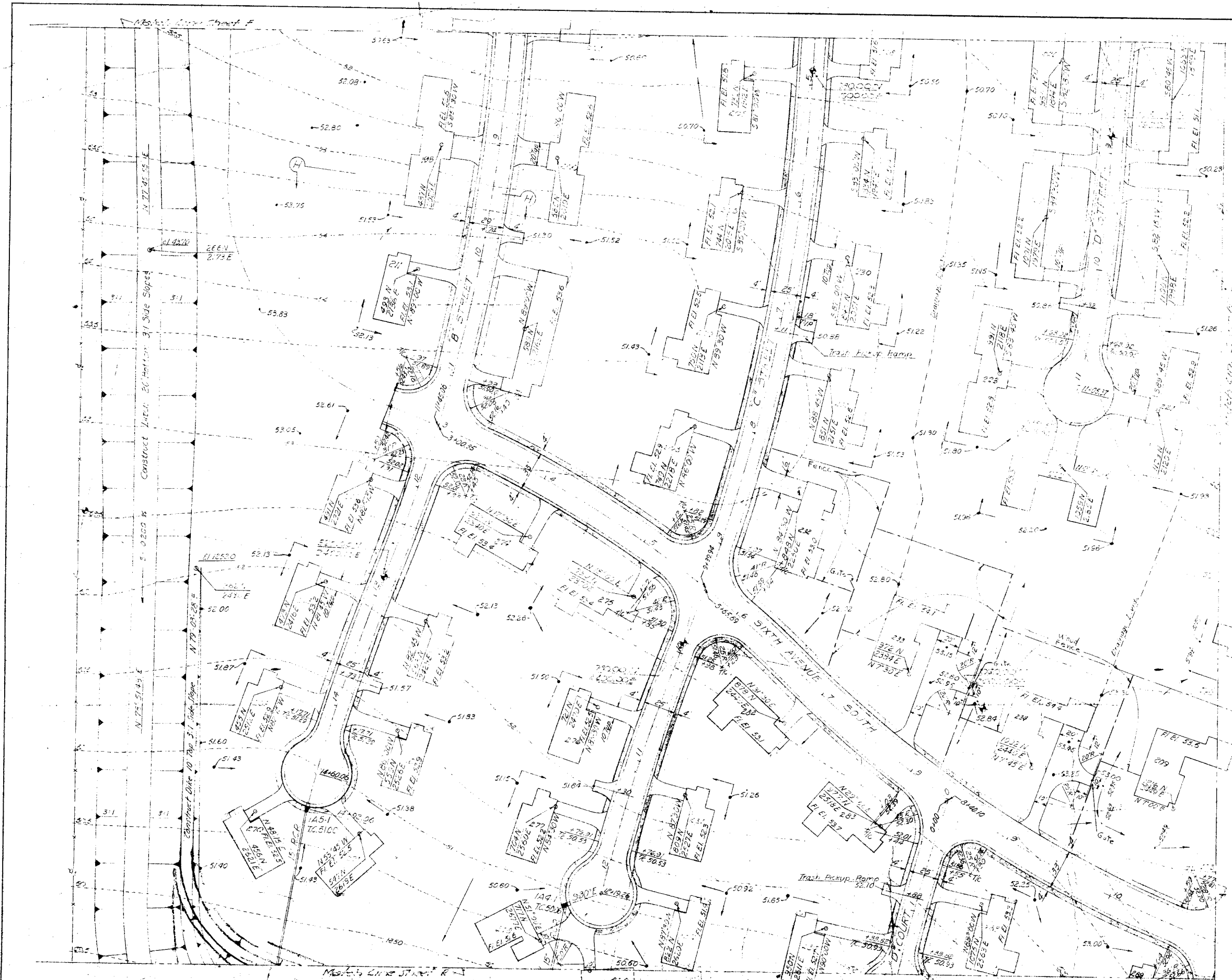


SCALE 1" = 40'

GENERAL NOTES:
 Street Dimensions: Shown are Back to Back of Curb.
 All Streets Paved with 5" Base Course with Double Asphalt Surface Treatment.
 All Concrete Sidewalks Shall be 4' Wide & 4" Thick Constructed at Back of Curb as Indicated.
 Curb Return Tangents are 30' with Min Radius 25'.
 All Curb & Gutter shall be Type I Unless Otherwise Noted.
 All Storm Drains Shall be R.C.P. Unless Otherwise Noted.
 Finish Grade Around Units Shall be 10" Below Floor Elevations.

For LEGEND See Section Sheet "A"

RECORD DRAWINGS			
REVISION	DATE	DESCRIPTION	INITIALS
JAMES R. CLISHING ARCHITECT		DEPARTMENT OF THE AIR FORCE	
SERVIS, VANDORF & HAZARD ENGINEERS TOPEKA, KANSAS		HEADQUARTERS UNITED STATES AIR FORCE SUBCOMMITTEE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
DESIGNED	HUNT	FAMILY HOUSING PROJECT FOR SMOKEY HILL AFB, KANSAS	
DRAWN	BREWER	DETAIL SITE PLANS	
CHECKED	HUNT	STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION	
SUBMITTED	L. M. Van Doren ARCHITECT	SECTION SHEET "K"	
Reviewed and approved	Paul J. Wall Deputy JEO	AF Project No. AF-67	
Date	MAY 11 1956	FHA Project No. 102-BIGONAS-AIR	
Approved	Murray J. Board	Date 12 OCTOBER 1955	
Date	MAY 10 1956	CAPT MORAY T. BOARD Constructing Officer USAF	

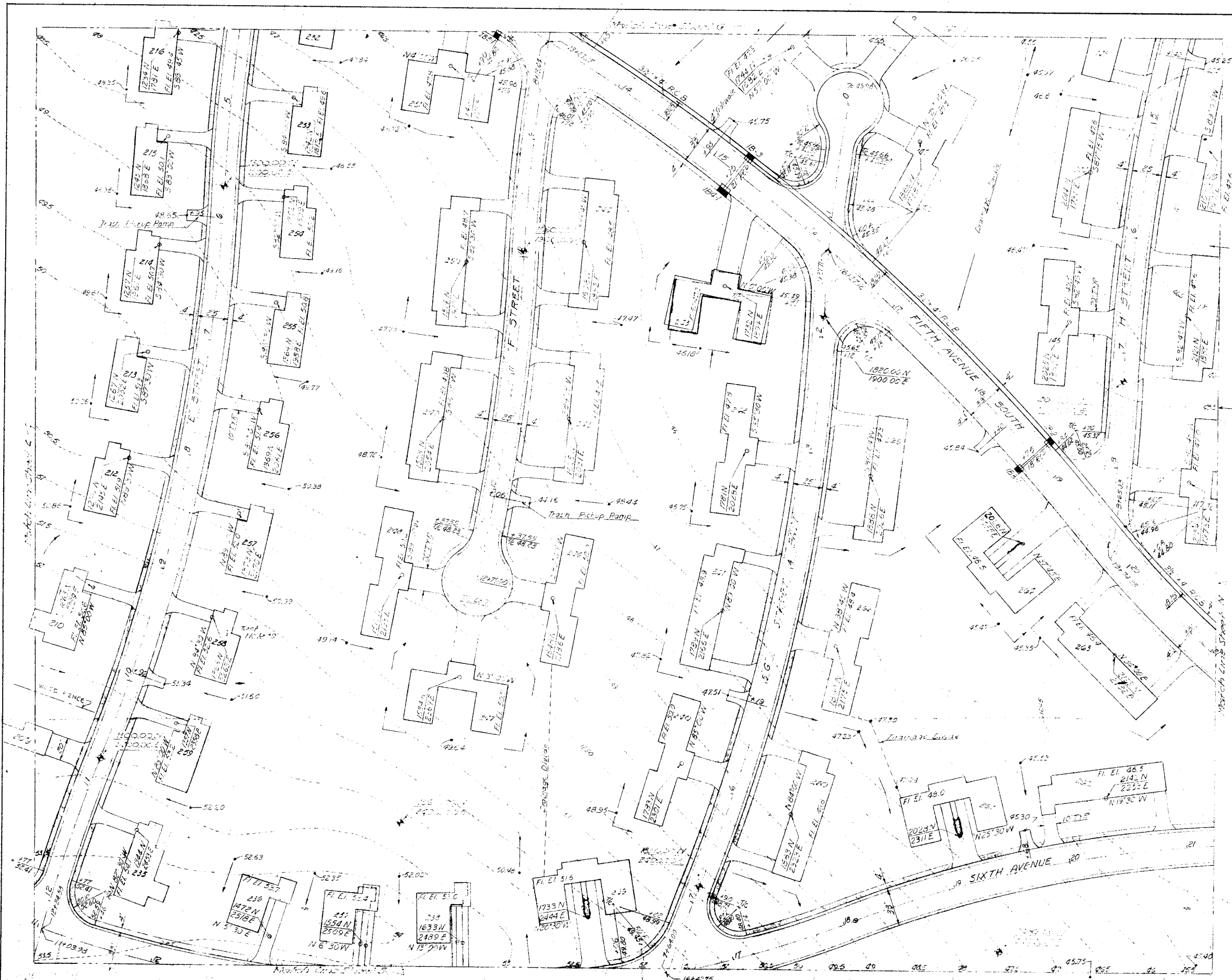


SCALE: 1"=40'

GENERAL NOTES:
 Street Dimensions Shown are Pick to Pick of Curb.
 All Streets Paved with 5" Base Course with double Asphalt Surface Treatment.
 All Curb to Sidewalk 10" wide 4" Thick Constructed at Base of Curb or Indented side. Retain Tamers are 30" with Min. Paving 25" High. Location shall be Type I unless Otherwise Noted.
 All Storm Drains shall be RCP unless Otherwise Noted.
 Finish Grade Around Units shall be 16" Below Floor Elevation.

FOR LEGEND See Section Sheet "A"

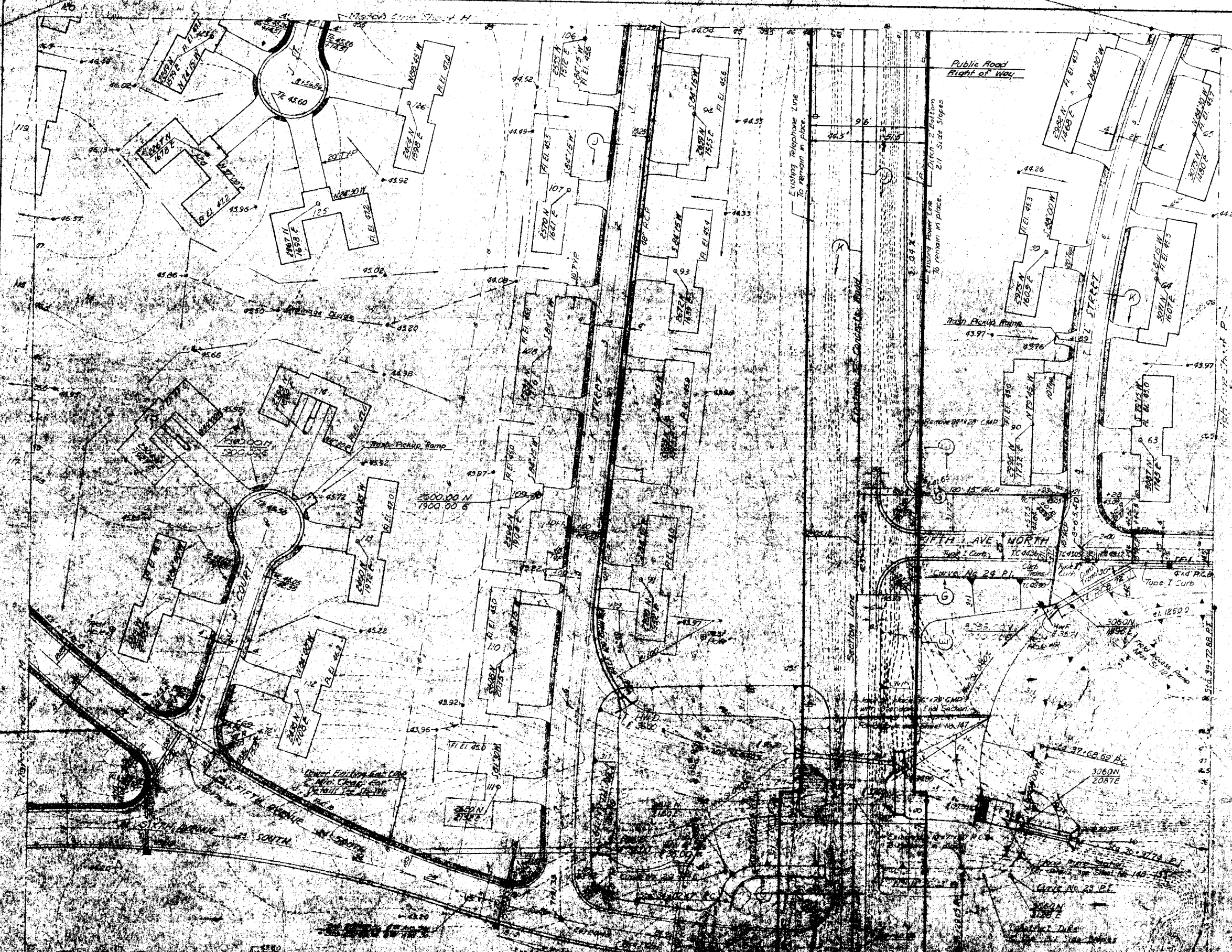
RECORD DRAWINGS		DATE	DESCRIPTION	INITIAL
REVISION	DATE	DESCRIPTION	INITIAL	
JAMES R. CUSHING ARCHITECT		DEPARTMENT OF THE AIR FORCE		
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.		APCE-H
DESIGNED	CLARE	FAMILY HOUSING PROJECT		
DRAWN	DAVIDSON	FOR SMOKY HILL AFB, KANSAS		
CHECKED	HUNT	DETAIL SITE PLANS		
SUBMITTED	<i>L.M. Davidson</i>	STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "L"		
REVISION and approval recommended	<i>L.M. Davidson</i>	AF Project No. AF-67		
Date	MAY 10 1955	FHA Project No. 102-81001AS-AIR NO.		
Approved	<i>Moray T. Hoard</i>	Date 12 OCTOBER 1955		
Date	MAY 10 1955	CAPT MORAY T. HOARD Contracting Officer USAF		Sheet No. 122 of 207



GENERAL NOTES:
 Streets shown on back of Curbs
 all Streets shown with 5' Blue Course with Double
 Asphalt Surface Treatment
 Walkways shall be 4' wide & 4" Thick
 Concrete at back of curb or joints
 with 1/2" rebar spaced 30" with Min. Radius 25'
 All curbs & gutters shall be Type I units, otherwise
 noted
 All storm drains shall be R.C.P. unless otherwise
 noted
 Elevation around units shall be 10" on top floor
 elevation

For LEGEND See Section Sheet "A"

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED BY		JAMES R. CUSHING ARCHITECT			
DRAWN BY		SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS			
CHECKED BY		HUNT			
SUBMITTED BY		L.M. van Doren ARCHITECT ENGINEER			
APPROVED BY		Murray J. Ward CAPT. MURRAY J. WARD Contracting Officer USAP			
DATE		MAY 10 1956			
PROJECT		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
SUBJECT		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "M"			
PROJECT NO.		AF Project No. AF-67			
DRAWING NO.		FHA Project No. 102-BIOOIAS-AIR NO			
DATE		12 OCTOBER 1955			
SHEET NO.		Sheet No. 123 of 207			

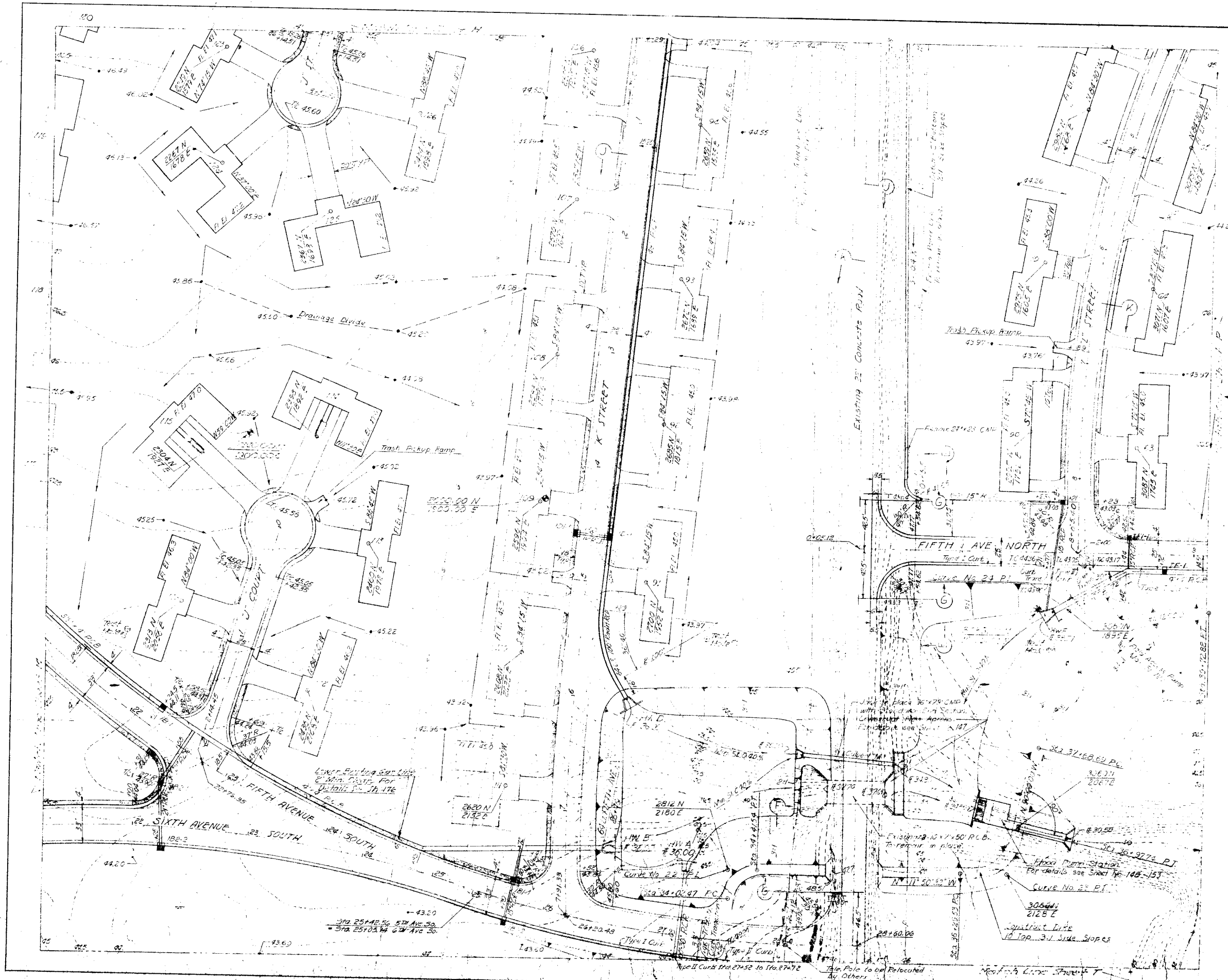


SCALE: 1" = 40'

GENERAL NOTES:
 Street Dimensions Shown are Back to Back of Curb.
 All Streets Paved with 5" Base Course with Double Asphalt Surface Treatment.
 All Concrete Sidewalks Shall be 4" Wide & 4" Thick Constructed at Back of Curb as Indicated.
 Curb Return Tangents are 30' with Min. Radius 25'.
 All Curb & Gutter shall be Type T Unless Otherwise Noted.
 All Storm Drains shall be R.C.P. Unless Otherwise Noted.
 Finish Grade Around Units shall be 10" Below Floor Elevation.

RECORD DRAWINGS
 For LEGEND see Sheet No. 4

NO.	DESCRIPTION	DATE	BY	CHECKED
1	AS SHOWN ADAPTED FROM OFF-SITE			
UTILITIES CONFLICT				
1	SEWER & CONCRETE			
2	SEWER, WATER, GAS & HAZARD			
3	POWER			
4	TELEPHONE			
5	STREET LIGHTS			
6	STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION			

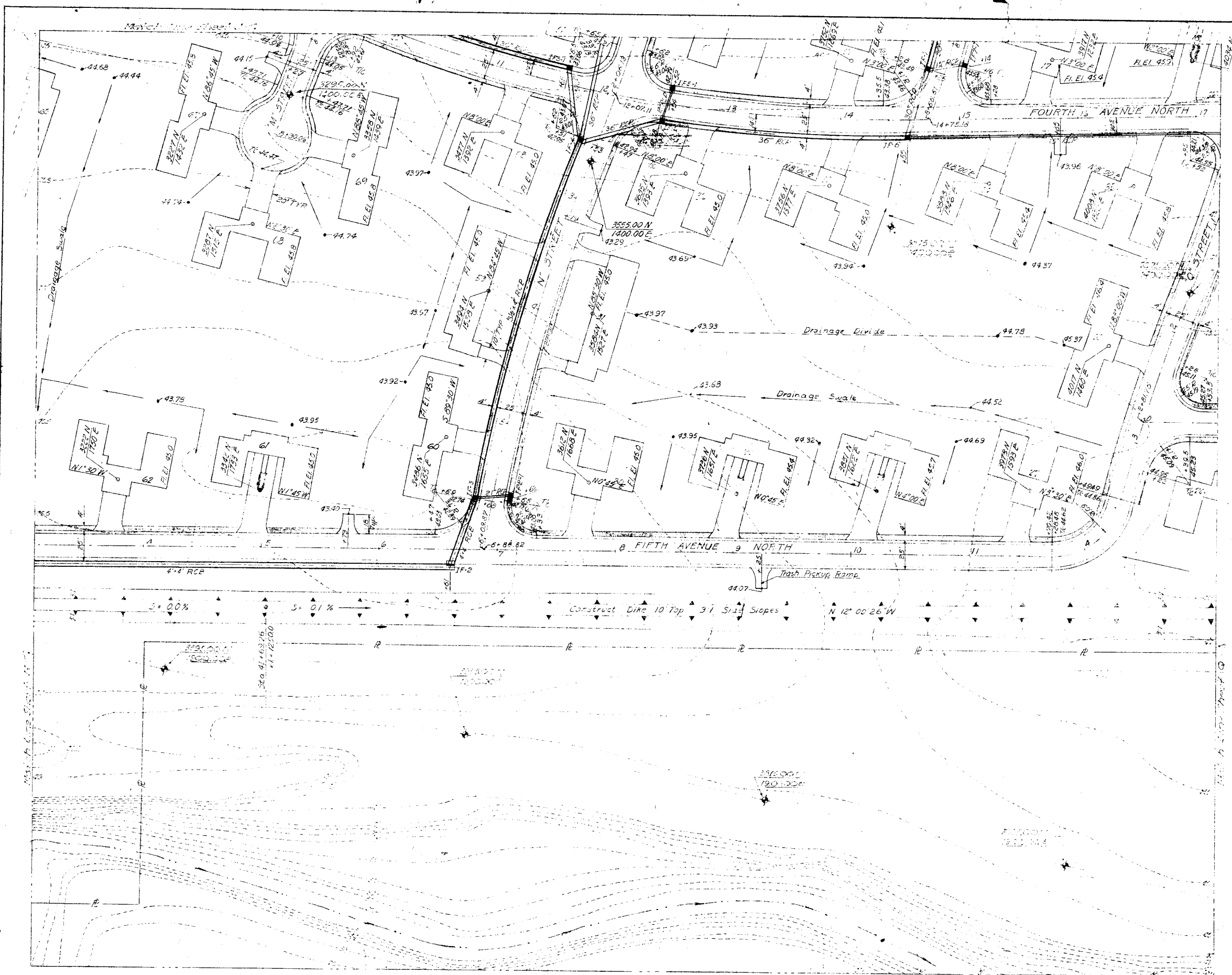


SCALE 1" = 40'

GENERAL NOTES:
 1. All Elevation Showings are Ref. to Back of Curb.
 2. All Streets to be Paved with 8" Base Course with Double
 8" Asphalt Surface Treatment.
 3. All Curb and Gutter shall be 4" wide & 4" thick
 4. Curbs on both sides of Streets to be 10" high
 5. All Curb & Gutter shall be Type I unless otherwise
 noted.
 6. All Storm Drains shall be R.C.P. unless otherwise
 noted.
 7. Finish Grade through Lots shall be 10" below Floor
 Elevation.

For LEGEND See Section Street "A"

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED: KERBY DRAWN: DAVIDSON CHECKED: HUNT SUBMITTED: <i>S.M. Van Doren</i> ARCHITECT-ENGINEER		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE SUBOFFICE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
PROJECT: JAMES R. CUSHING ARCHITECT		FAMILY HOUSING PROJECT FOR SNOKY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "N"			
APPROVED: <i>Moray T. Hoard</i> CAPT. MORAY T. HOARD Contracting Officer USAF		DATE: MAY 14 1956		AF Project No. AF-47 FHA Project No. 102-8001AS-AJR NO. 1 Date 12 OCTOBER 1955 Sheet No. 124 of 207	

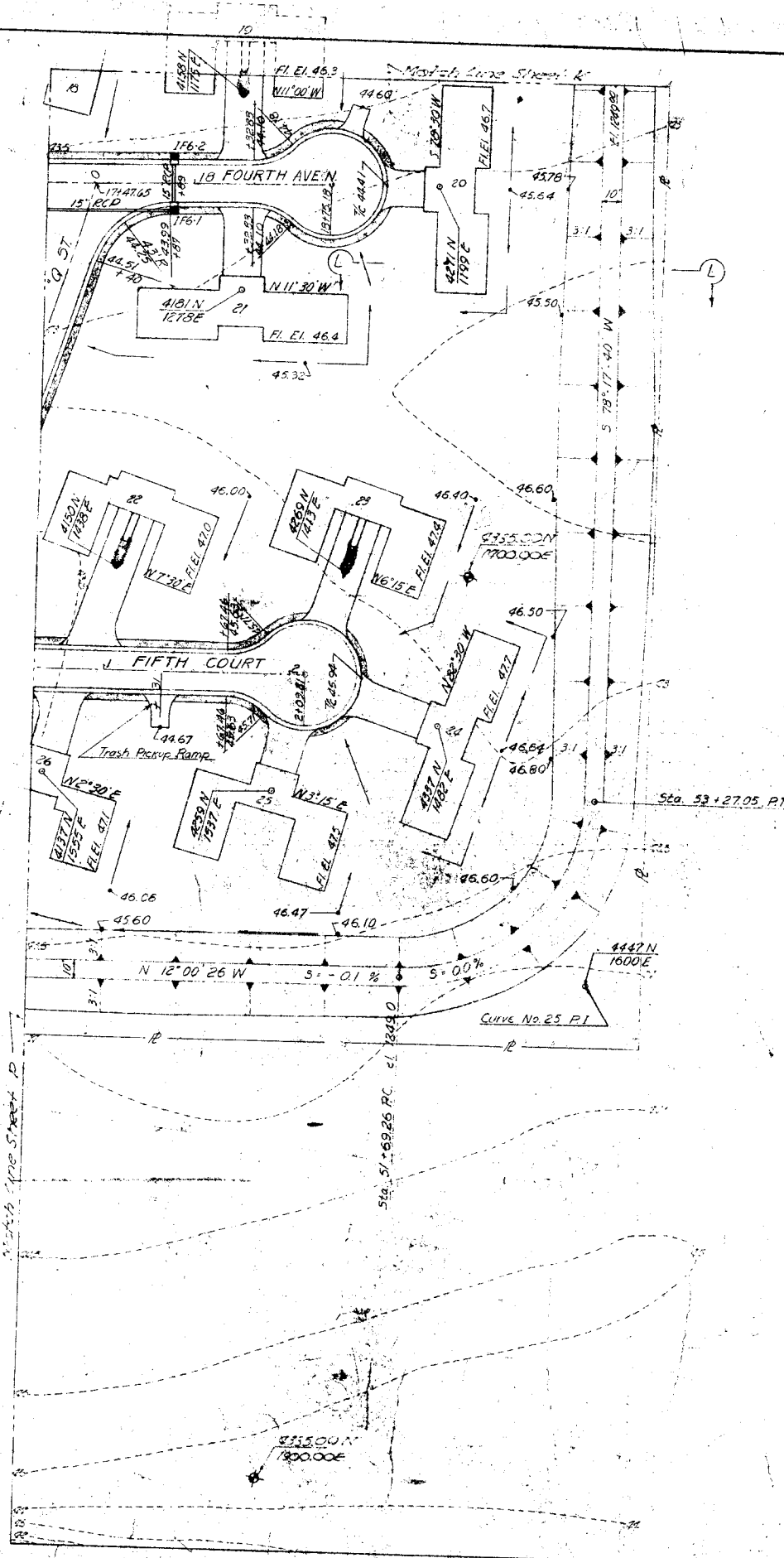


SCALE: 1/4" = 1'-0"

GENERAL NOTES:
 Street Dimensions Shown are Back to Back of Curb.
 All Streets Paved with 6" Base Course with Double Asphalt Surface Treatment.
 All Concrete Sidewalks Shall be 4' Wide & 4" Thick Constructed at Back of Curb as Indicated.
 Curb Return Tangents are 30' with Min. Radius 25'.
 All Curb & Gutter Shall be Type I Unless Otherwise Noted.
 All Storm Drains Shall be R.C.P. Unless Otherwise Noted.
 Finish Grade Around Units Shall be 10" Below Floor Elevation.

For LEGEND See Section Sheet "A"

RECORD DRAWINGS			
REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CLUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS THIRD STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
DESIGNED	KERBY	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS	
DRAWN	DAVIDSON	DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "P"	
CHECKED	HUNT		
SUBMITTED	<i>L.M. Vandoren</i> ARCHITECT-ENGINEER		
Reviewed and approved/recommended	<i>James R. Clushing</i>		AF Project No. AF-67
Date	MAY 10 1956	Deputy IEC	FHA Project No. 102-81001AS-AIR NO 1
Approved	<i>Moray T. Hoard</i>		Date 12 OCTOBER 1955
Date	MAY 13 1956	CAPT. MORAY T. HOARD Contracting Officer USAF	Sheet No. 125 of 207

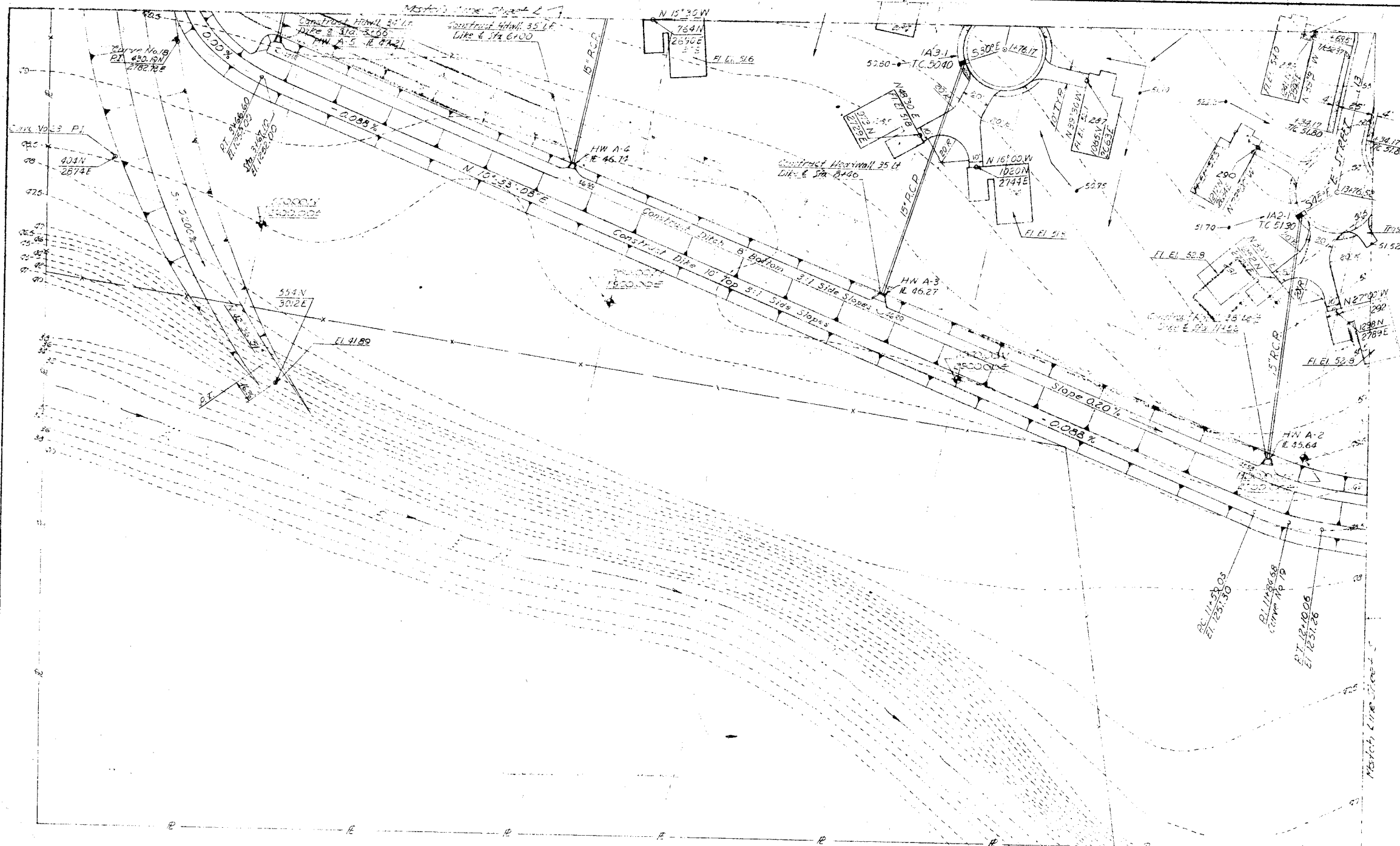


SCALE: 1" = 40'

GENERAL NOTES:
 Street Dimensions Shown are Back to Back of Curb.
 All Streets Paved with 5" Base Course with Double Asphalt Surface Treatment.
 All Concrete Sidewalks shall be 4" Wide & 4" Thick Constructed at Back of Curb as Indicated.
 Curb Return Tangents are 30' with Min. Radius of 25'.
 All Curb & Gutter shall be Type I Unless Otherwise Noted.
 All Storm Drains shall be R.C.P. Unless Otherwise Noted.
 Finish Grade Around Units shall be 10" Below Floor Elevation.

For LEGEND See Section Sheet "A"

RECORD DRAWINGS		DATE	DESCRIPTION	INITIALS
DESIGNED	HUNT			
DRAWN	BREWER			
CHECKED	HUNT			
APPROVED	<i>L. M. Van Doren</i> ARCHITECT			
DATE	MAY 10 1956	APPROVED	<i>Mokey & Hoard</i> CAPT. MOKEY & HOARD Contracting Officer USAF	
JAMES E. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIVISION OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.		
DESIGNED HUNT DRAWN BREWER CHECKED HUNT APPROVED <i>L. M. Van Doren</i> ARCHITECT		FAMILY HOUSING PROJECT FOR SMOKEY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "Q"		
DATE MAY 10 1956 APPROVED <i>Mokey & Hoard</i> CAPT. MOKEY & HOARD Contracting Officer USAF		AF Project No. 34-47 USA Project No. J02-80045-8 US AF DATE 12 OCTOBER 1955 DRAWING NO. 123-4-107		



SCALE 1" = 40'

GENERAL NOTES:

Street Dimensions Shown are Back to Back of Curb
 All Streets Paved with 5" Base Course with Double Asphalt Surface Treatment
 All Concrete Sidewalks shall be 4' Wide & 4" Thick Constructed at Base of Curb as Indicated
 Curb Return Tangents are 30' with Min. Radius 25'
 All Curb & Gutter shall be Type I Unless Otherwise Noted
 All Storm Drains shall be R.C.P. Unless Otherwise Noted
 Finish Grade Brown Units shall be 10" Below Floor Elevation

For LEGEND see Section Sheet "A"

RECORD DRAWINGS		DESCRIPTION	INITIAL
REVISION	DATE		
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE HEADQUARTERS OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
DESIGNED	HUNT	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS	
DRAWN	WEBER	DETAIL SITE PLANS FOR STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "R"	
CHECKED	HUNT		
SUBMITTED	<i>L.M. Van Doren</i> ARCHITECT-ENGINEER		
Reviewed and approval recommended	<i>L.M. Van Doren</i> Deputy IFO	AF Project No. AF-67	
Approved	<i>Moray T. Board</i> Contracting Officer USAF	FHA Project No. J02-BK0045-AJB NO. 1	
Date	MAY 10 1955	Date	12 OCTOBER 1955
	CAF. MORAY T. BOARD Contracting Officer USAF	Sheet No.	127 of 127



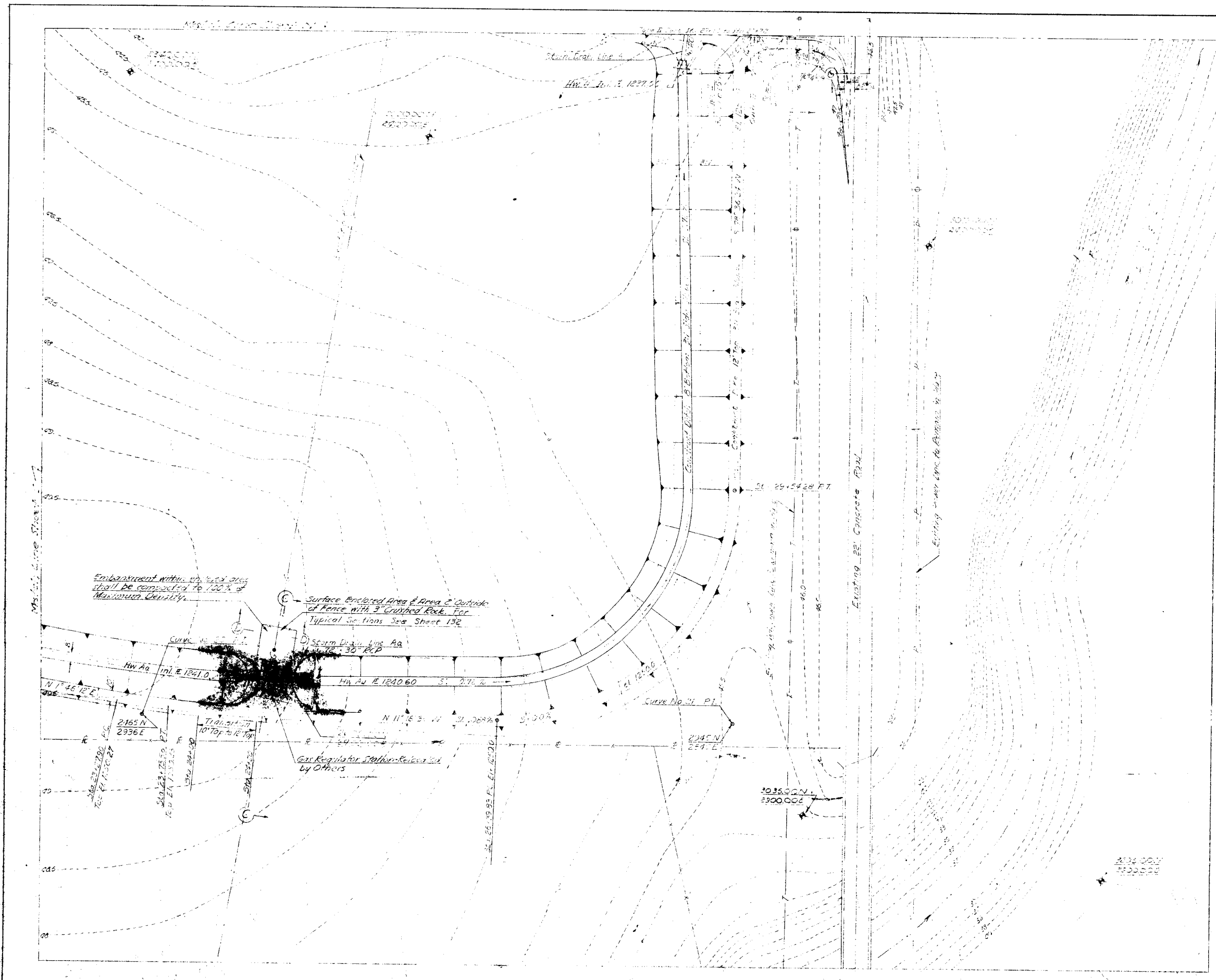
SCALE: 1" = 40'

GENERAL NOTES:
 Street Dimensions shown are back to back of curb and street. Paved with 5" base course with double asphalt surface treatment.
 All concrete sidewalks 4' wide & 8" thick constructed at back of curb as indicated.
 Curb Return Tangents are 30' with 1/4" Radius 25'.
 All Curb and Gutter shall be 1/2" unless otherwise noted.
 All storm drains shall be 18" unless otherwise noted.
 Final Grade around Units shall be 10" below floor elevation.

For LEGEND see Section Sheet "A"

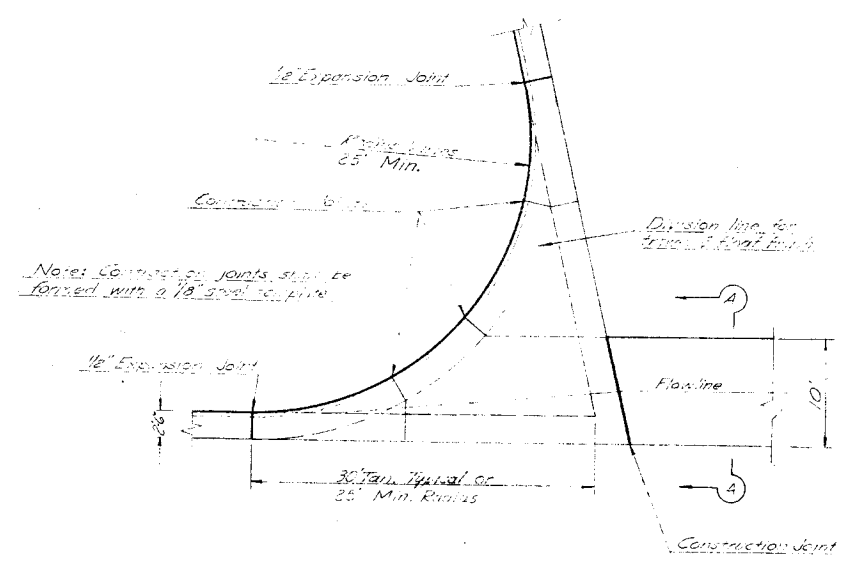
RECORD DRAWINGS		
REVISION	DATE	DESCRIPTION
DESIGNED: HUNT DRAWN: WEBER CHECKED: HUNT SUBMITTED: <i>L.M. Van Doren</i> ARCHITECT-ENGINEER		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
REVIEWED AND APPROVED RECOMMENDED: <i>L.M. Van Doren</i> ARCHITECT-ENGINEER		FAMILY HOUSING PROJECT FOR SMOKEY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "S"
Date: MAY 10 1955	Approved: <i>W. J. Heald</i> CAPT. MORAY T. HOARD Contracting Officer USAF	AF Project No. AF-57 PHA Project No. 102-8001AS-AIR Date: 12 OCTOBER 1955 Sheet No. 128 of 201

SCALE: 1" = 40'

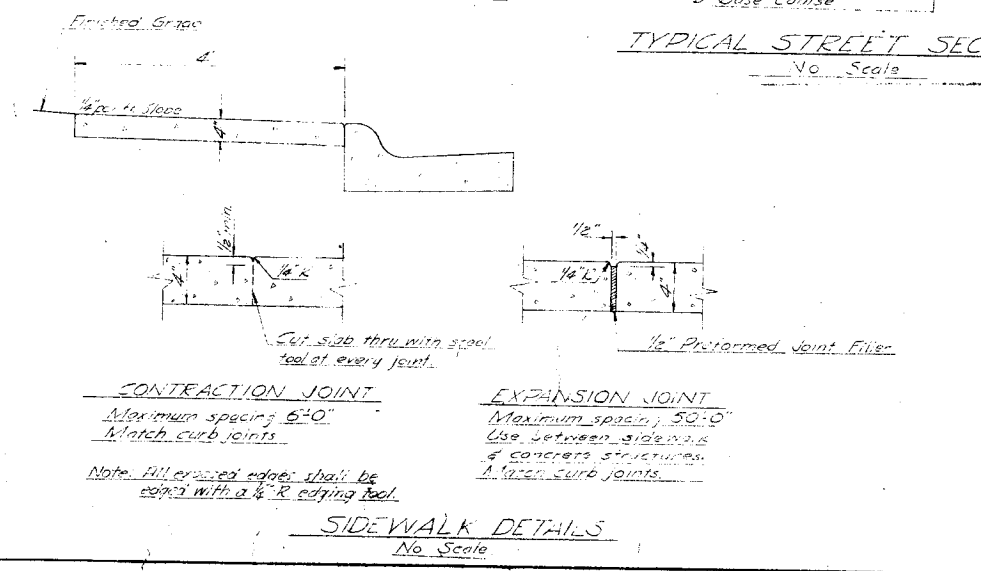
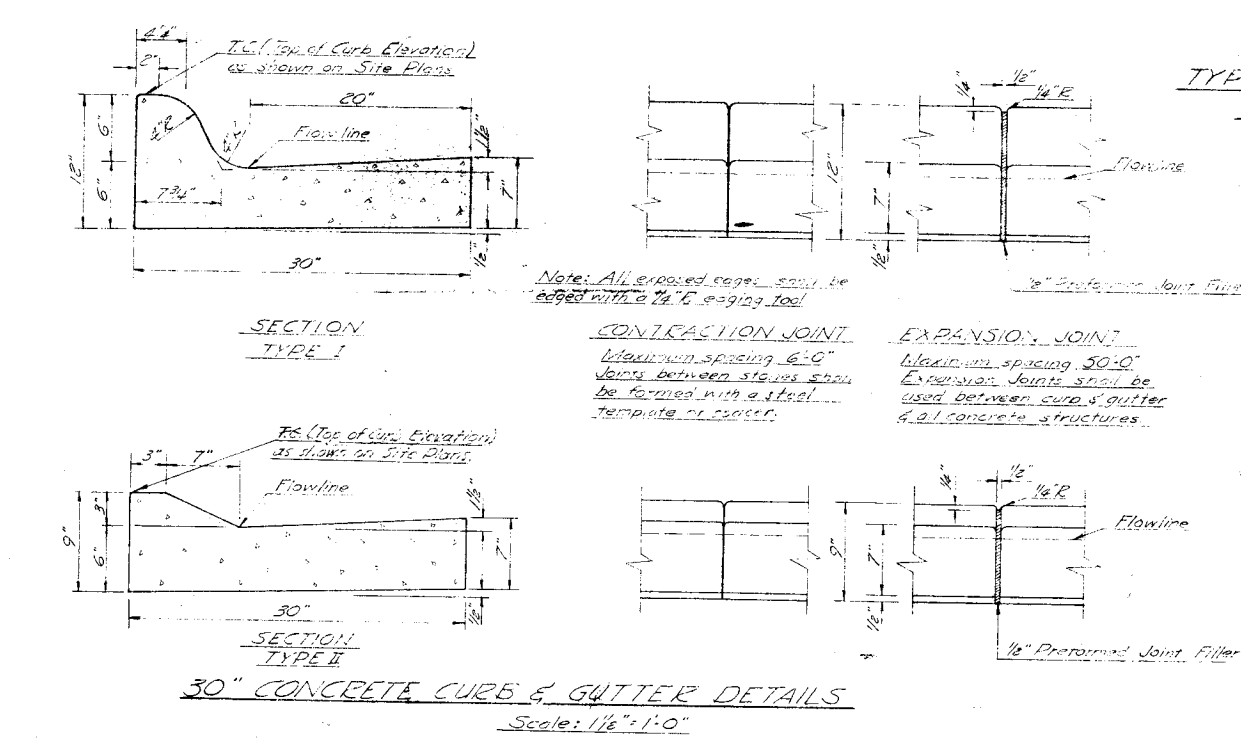
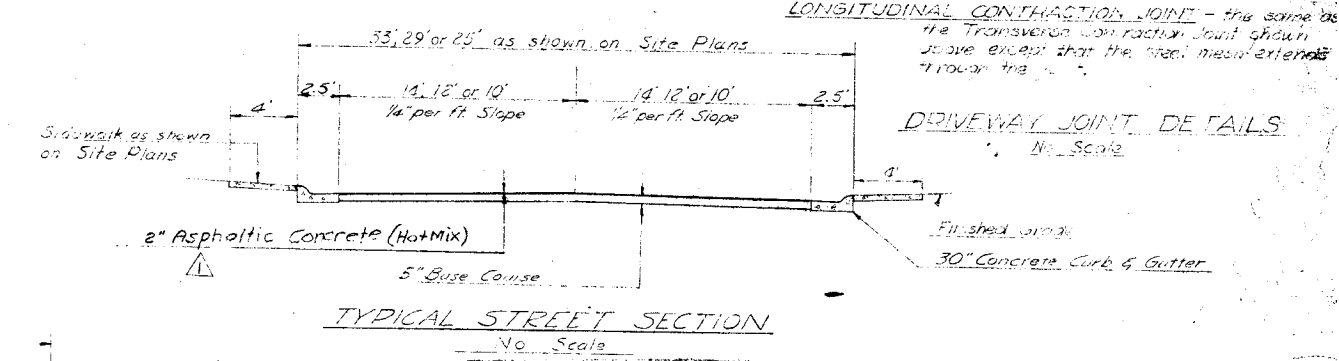
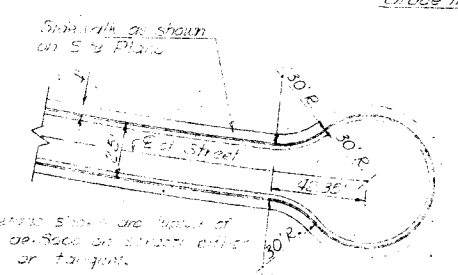
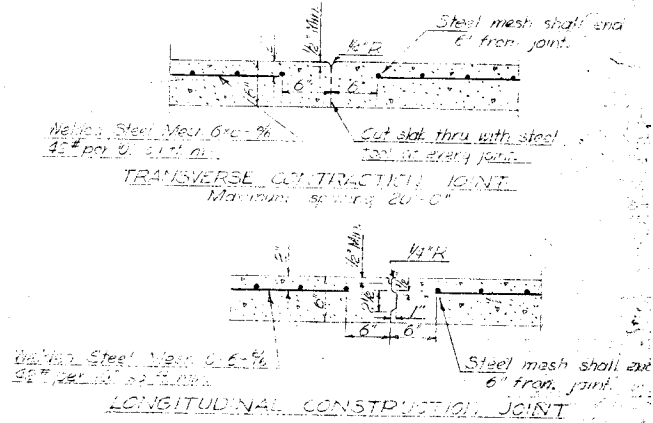
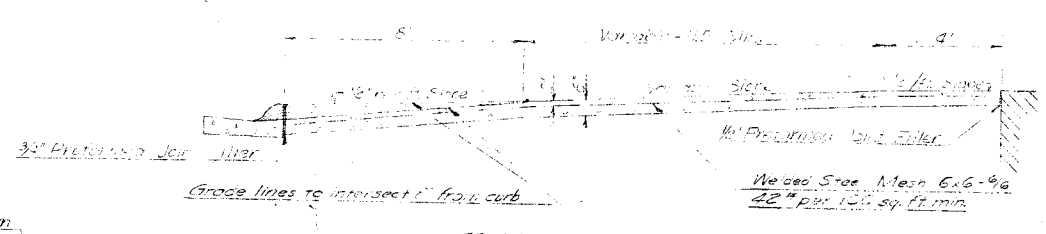
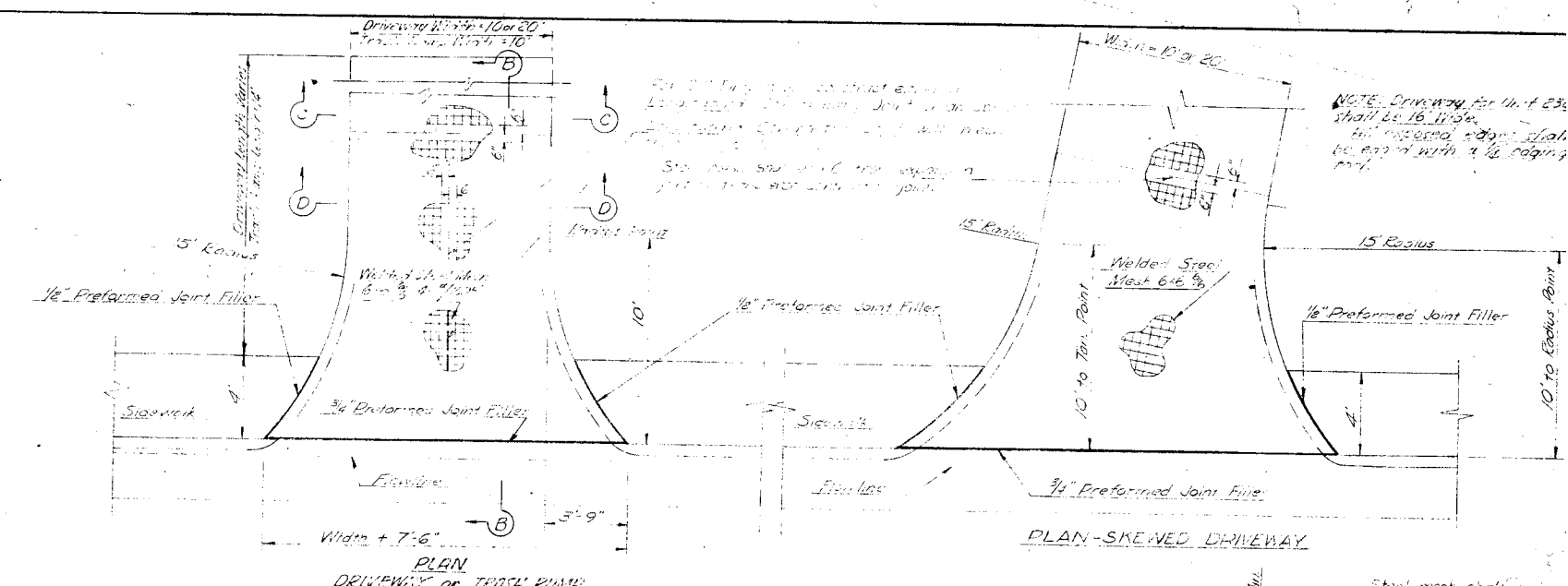
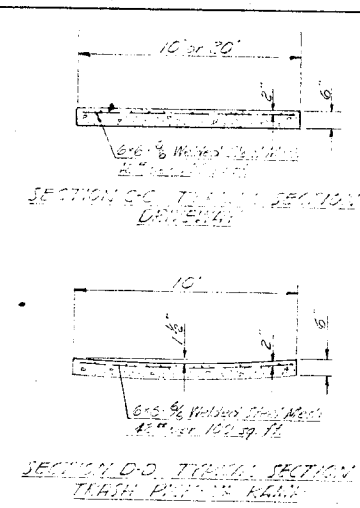


For LEGEND See Section Sheet "A"

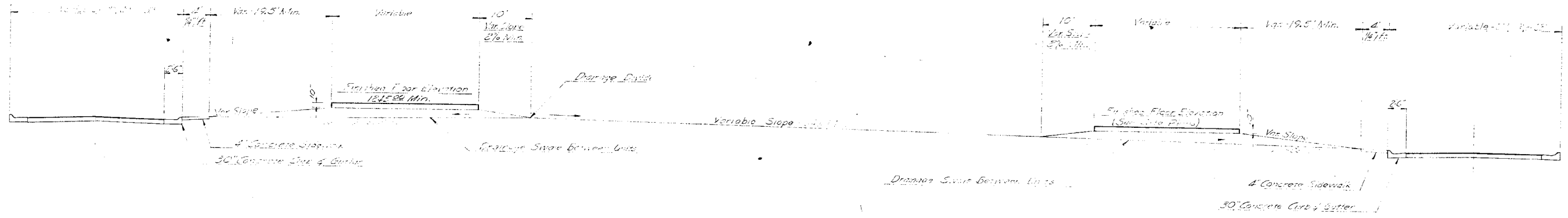
RECORD DRAWINGS		DATE	DESCRIPTION	INITIAL
DESIGNED	HUNT			
DRAWN	WEBER			
CHECKED	HUNT			
SUBMITTED	<p><i>L.M. Van Doren</i> ARCHITECT</p>			
JAMES E. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.		
DESIGNED HUNT DRAWN WEBER CHECKED HUNT SUBMITTED <i>L.M. Van Doren</i>		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS STREETS, AREA GRADING, STORM DRAINAGE & FLOOD PROTECTION SECTION SHEET "T"		
Reviewed and approved recommended <i>James E. Cushing</i> Date MAY 10 1955 Approved <i>Moray T. Hoard</i>		AF Project No. AF-67 FHA Project No. 102-BIOOAS-AIR NC Date 12 OCTOBER 1955 Sheet No. 129 of 207		
CAPT. MORAY T. HOARD Contracting Officer USAF				



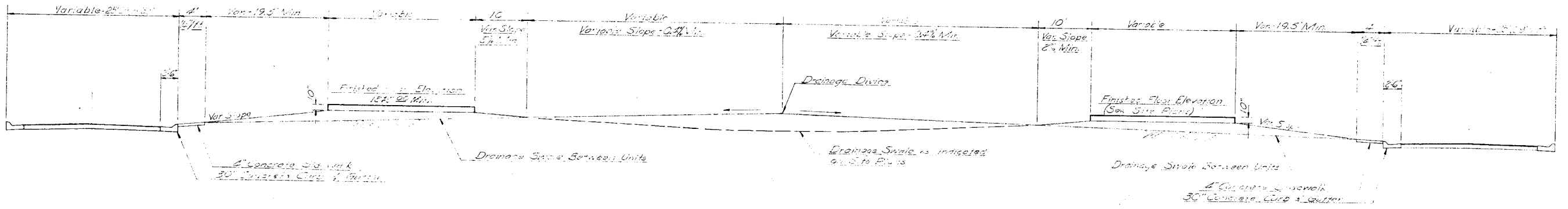
SECTION 4-A
 VALLEY GUTTER DETAIL
 No. Scale



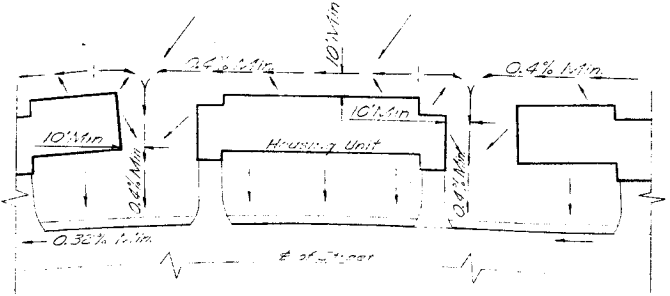
RECORD DRAWINGS		30 CO 55-027-3-19-57	JCY
REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CLISHING ARCHITECT		DEPARTMENT OF THE AIR FORCE	
SERVIS, VANDOREN & HAZARD ENGINEERS		HEADQUARTERS UNITED STATES AIR FORCE	
TOWNSHIP, KANSAS		DIRECTORATE OF FACILITIES SUPPORT	
DESIGNED HUNT		FAMILY HOUSING DIVISION	
DRAWN JORGENSEN		ARCHT	
CHECKED HUNT		WASHINGTON 25, D. C.	
SUBMITTED M. Vandoren		FAMILY HOUSING PROJECT	
ARCHITECT-ENGINEER		FOR	
Reviewed and approved recommended		SMOKY HILL AFB, KANSAS	
Date MAY 10 1956		STREETS, CURBS, SIDEWALKS & DRIVEWAYS	
Approved M. Moray T. Hoard		TYPICAL DETAILS	
Date MAY 10 1956		AF Project No. AF-67	
CAPT MORAY T. HOARD Contracting Officer USAF		FHIA Project No. D2-BIOOAS-AIR NO	
Date MAY 10 1956		Date 12 OCTOBER 1955	
		Sheet No. 130 of 207	



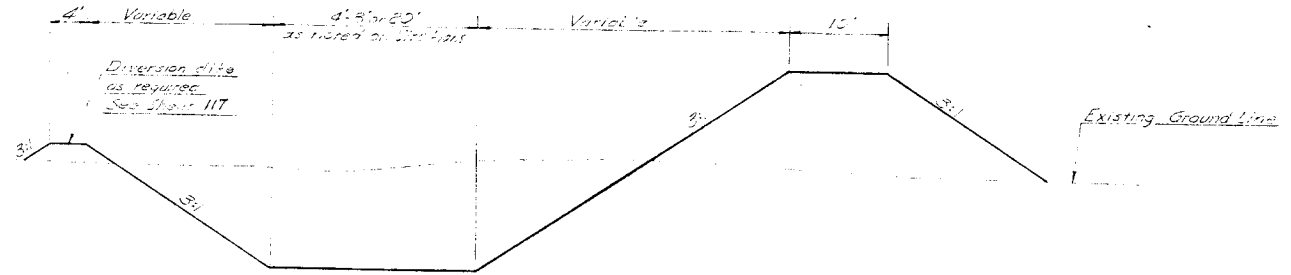
TYPICAL SECTION - BLOCK WITH GENTLE CROSS SLOPE
No Scale



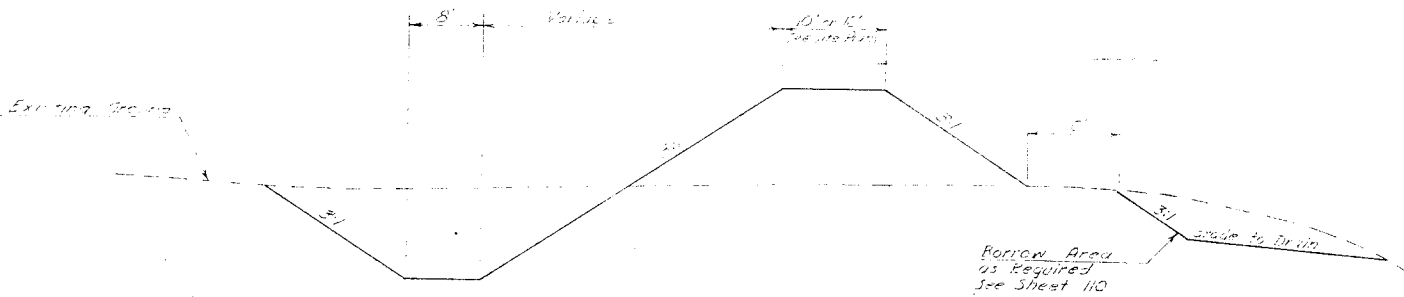
TYPICAL SECTION - BLOCK WITH NO CROSS SLOPE
No Scale



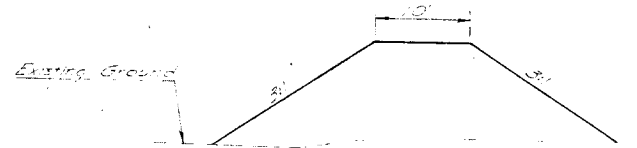
PLAN - TYPICAL UNIT GRADING
Scale 1"=40'



TYPICAL SECTION - DITCH OUTSIDE OF DIKE
No Scale

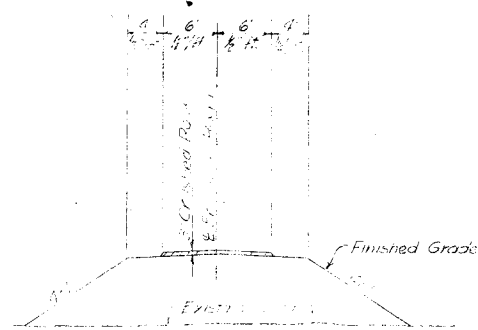


TYPICAL SECTION - DITCH INSIDE OF DIKE
No Scale

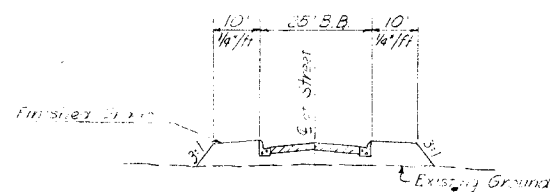


TYPICAL SECTION - DIKE
No Scale

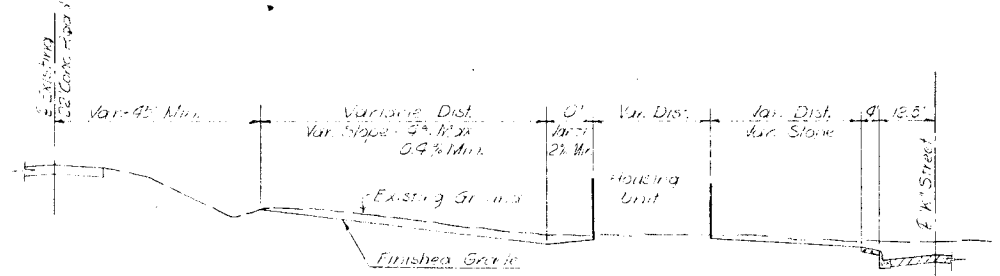
RECORD DRAWINGS		DATE	DESCRIPTION	INITIALS
DESIGNED	HUNT			
DRAWN	JORGENSEN			
CHECKED	HUNT			
SUBMITTED	L.M. VanLoren			
ARCHITECT-ENGINEER				
Reviewed and approved recommended				
Date MAY 10 1956		Deputy IED		
Approved				
Date MAY 10 1956		AF Project No. AF-67		
C. W. GRAY T. BOARD Sgt. Acting Officer USAF		FHA Project No. 102-BIOOIAS-AIR-11		
		Date 12 OCTOBER 1956		
		Sheet No. 131 of 207		



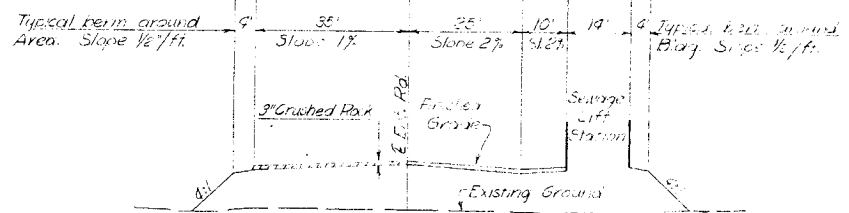
SECTION A-A
See Section Sheet H



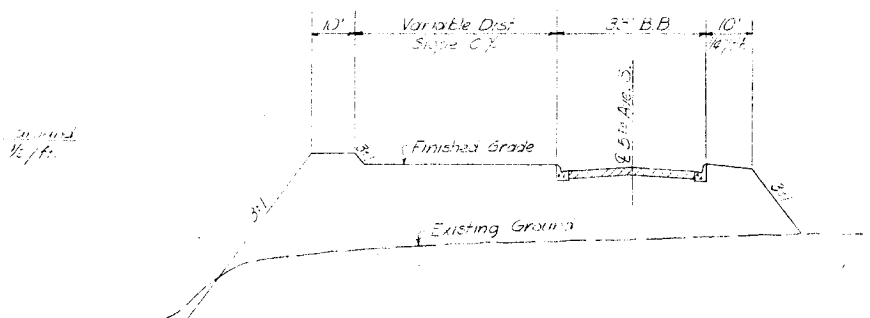
SECTION E-E
See Section Sheets H and N
Typical Section 1st Ave. N., 1st Ave. S., and 5th Ave. N.
Approaches to existing 22" Concrete Road.



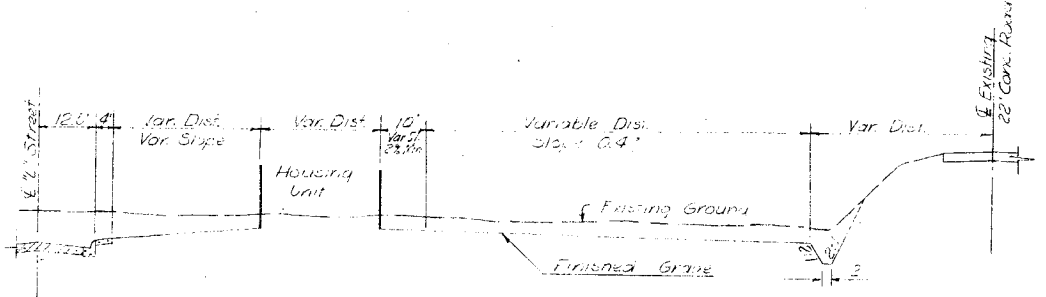
SECTION J-J
See Section Sheet N
Typical grading section from W Street to existing Road.



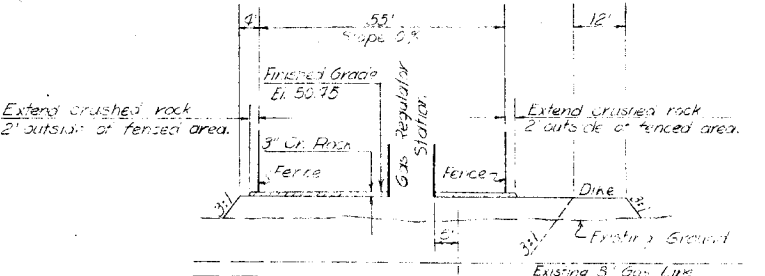
SECTION B-B
See Section Sheet H
Section through center of turnaround
area of Sewage Lift Station.



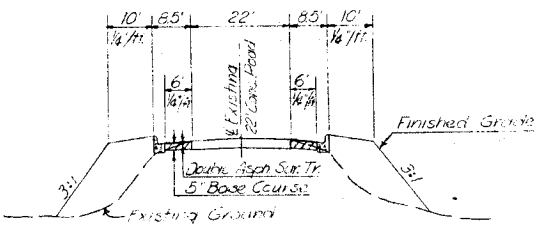
SECTION F-F
See Section Sheet N and T
Typical Section 5th Ave. S. approach to
existing 22" Concrete Road.



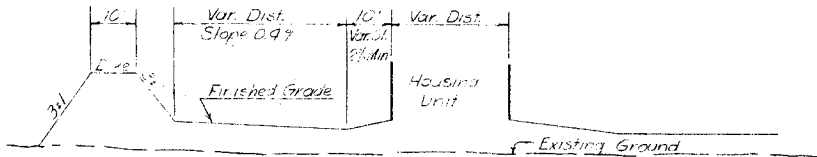
SECTION K-K
See Section Sheet N
Typical grading section from E Street to existing Road.



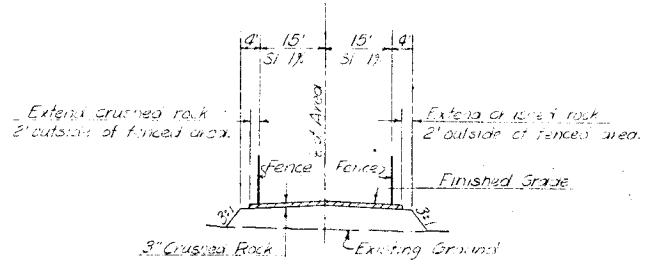
SECTION C-C
See Section Sheet T
Section through Gas Regulator Station Area.



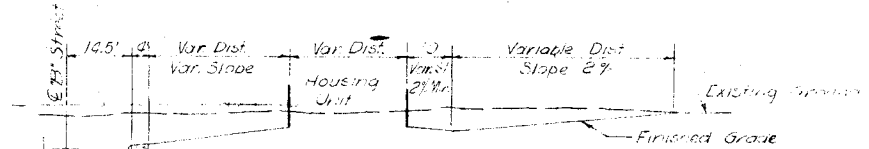
SECTION G-G
See Section Sheets C, H, T and N
Typical section across existing Road at ends of curb
returns at approaches of 1st Ave. N., 1st Ave. S.,
half-section only is typical of 5th Ave. N. and 5th Ave. S.



SECTION L-L
See Section Sheet K and Q



SECTION D-D
See Section Sheet T
Section through Gas Regulator Station Area.



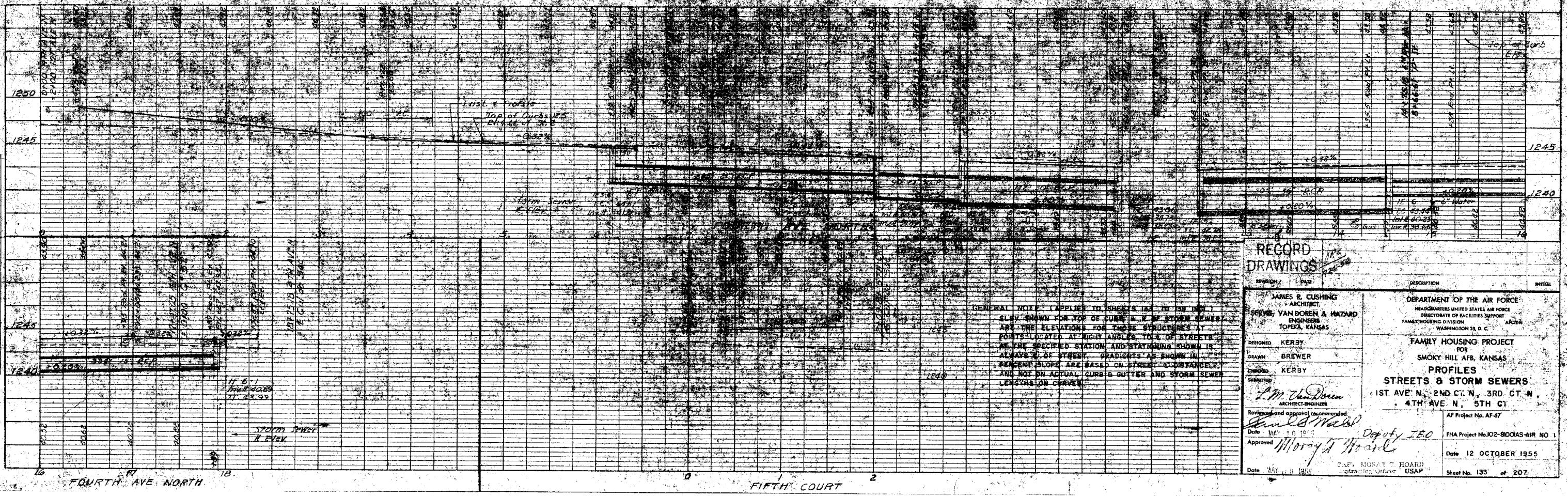
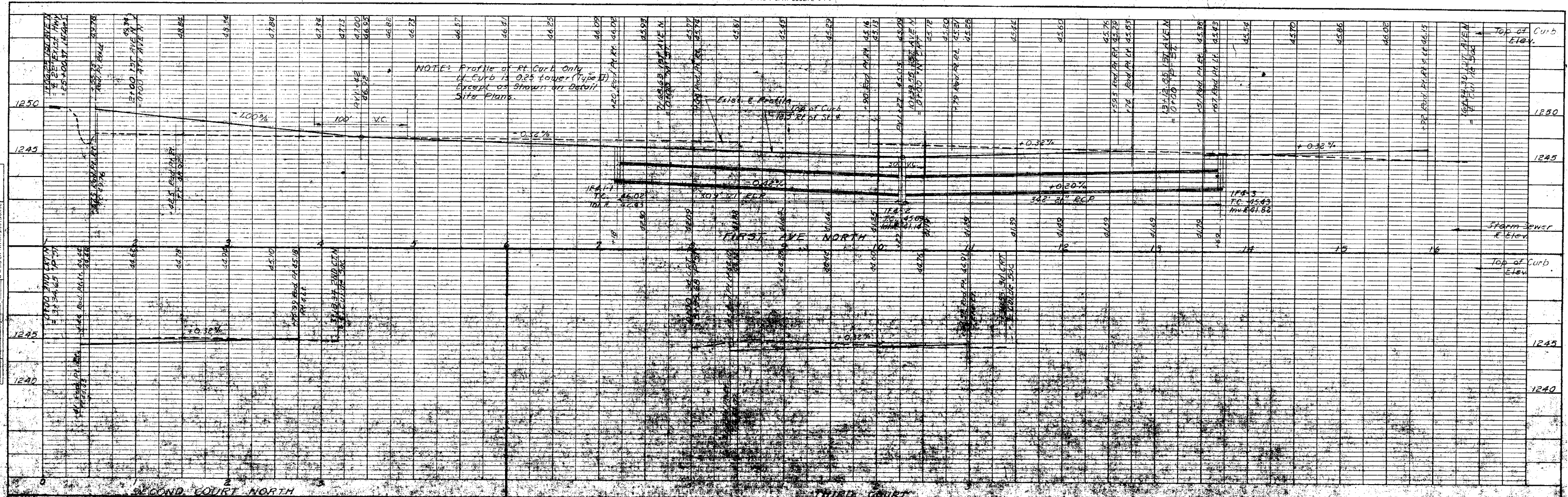
SECTION H-H
See Section Sheets F and L
Typical grading section Rt. of B Street

NO SCALE

RECORD DRAWINGS			
REVISION	DATE	DESCRIPTION	INITIAL
1			
DESIGNED HUNT		DEPARTMENT OF THE AIR FORCE	
DRAWN CLARE		HEADQUARTERS UNITED STATES AIR FORCE	
CHECKED HUNT		DIRECTORATE OF FACILITIES SUPPORT	
SUBMITTED		ENGINEERS	
		FAMILY HOUSING DIVISION	
		WASHINGTON 25, D. C.	
		ACTING	
		FAMILY HOUSING PROJECT	
		FOR	
		SMOKY HILL AFB, KANSAS	
		TYPICAL SECTIONS	
L. M. Van Dorn ARCHITECT-ENGINEER		AF Project No. AF-67	
Reviewed and approved recommended Date MAY 10 1955		FHA Project No. 102-BIOMAS-AIR NC	
Approved Date 12 OCTOBER 1955		Date 12 OCTOBER 1955	
Date MAY 10 1955		Sheet No. 132 of 207	

NO. 2004-1
 TITLE BOOK
 SHEET NO. 133
 DATE

NO. 2004-1
 TITLE BOOK
 SHEET NO. 133
 DATE

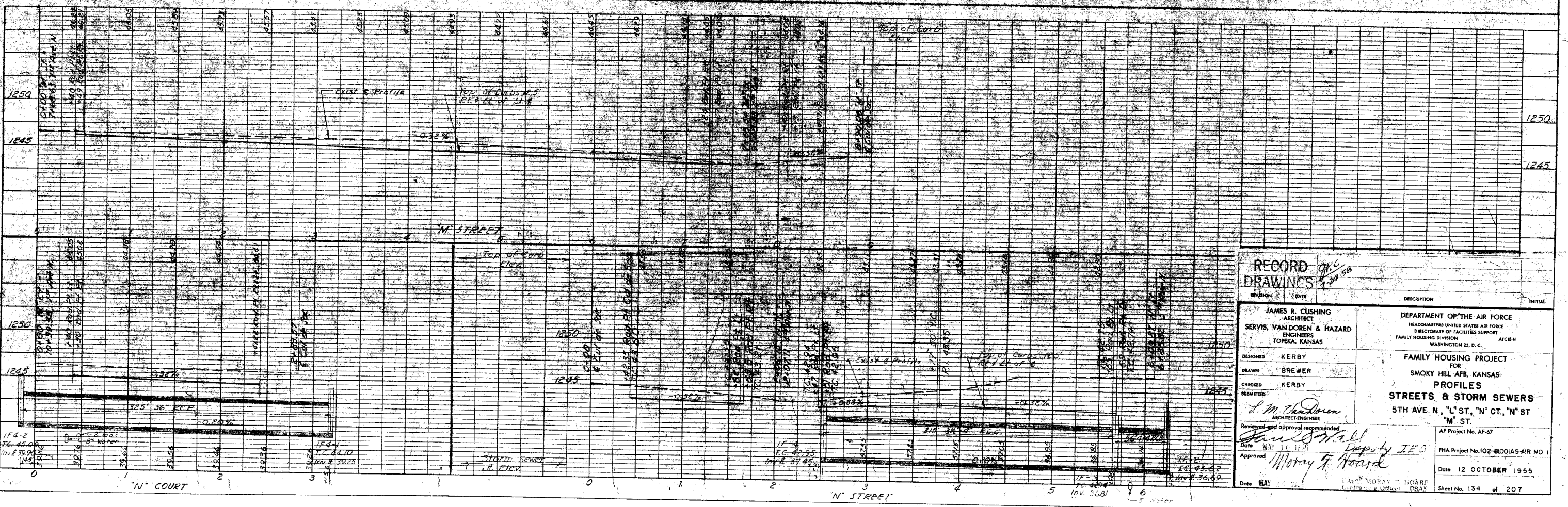
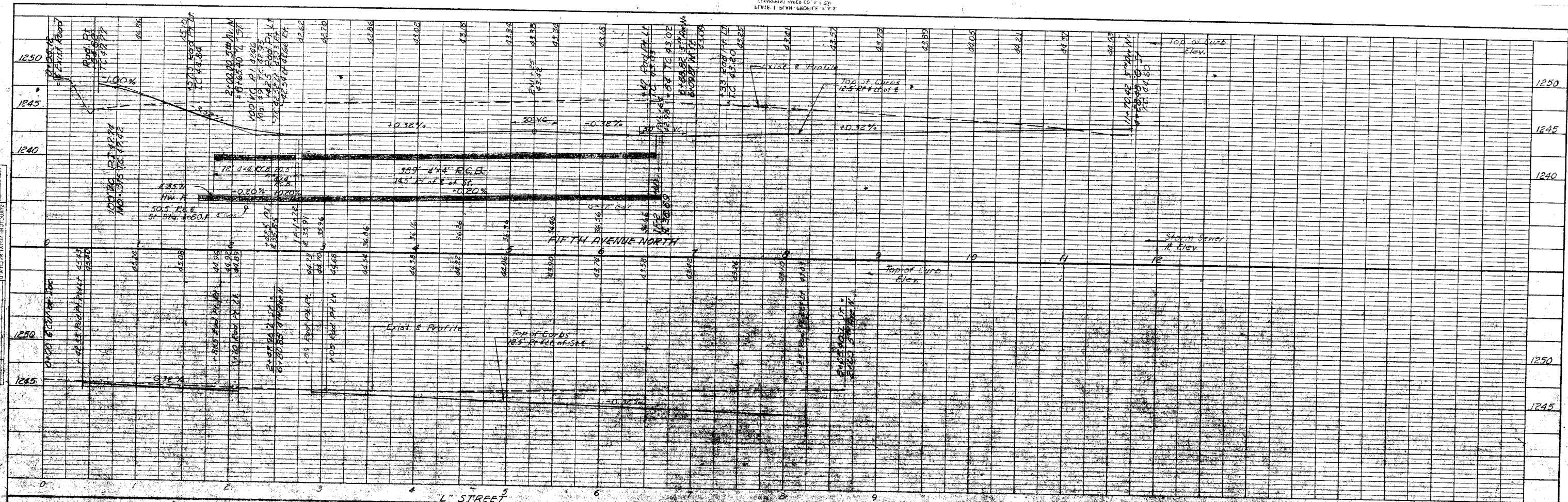


GENERAL NOTE: (APPLIES TO SHEETS 132, 133, 134)
 ELEV. SHOWN FOR TOP OF CURB & STORM SEWER
 ARE THE ELEVATIONS FOR THESE STRUCTURES AT
 POINTS LOCATED AT RIGHT ANGLES TO LINES OF STREETS
 AT THE SPECIFIED STATION AND STATIONING SHOWN IS
 ALWAYS 1/2 OF STREET GRADIENTS AS SHOWN IN
 PERCENT SLOPE ARE BASED ON STREET DISTANCES
 AND NOT ON ACTUAL CURB & GUTTER AND STORM SEWER
 LENGTHS ON CURVES

RECORD DRAWINGS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
DESIGNED BY JAMES R. CUSHING ARCHITECT	DATE	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS	
DRAWN BY SERVE VAN BOREN & HAZARD ENGINEERS TOPEKA, KANSAS		STREETS & STORM SEWERS 1ST AVE N., 2ND CT. N., 3RD CT. N., 4TH AVE N., 5TH CT.	
DESIGNED BY KERBY		AF Project No. AF-67	
DRAWN BY BREWER		FHA Project No. J02-800AS-AIR NO. 1	
CHECKED BY KERBY		Date 12 OCTOBER 1955	
SUBMITTED BY P. M. Van Dusen ARCHITECT-ENGINEER		Sheet No. 133 of 207	
APPROVED BY MORAY T. BOARD CAPT. MORAY T. BOARD Contracting Officer USAF		Date 12 OCTOBER 1955	

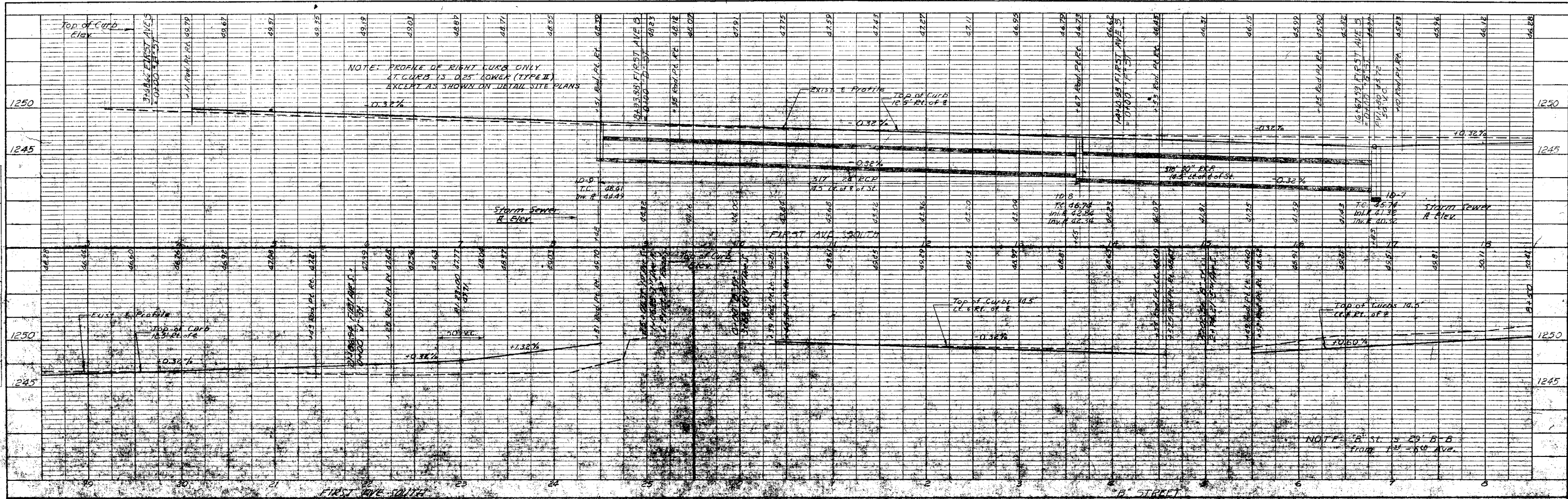
NO. 1000
 СГЕРМАНИИ ИМЕР СО 2.4.42
 БУЛЕ Т. БУИ - МОДИФИ. 1.1.2

NO. 1000
 СГЕРМАНИИ ИМЕР СО 2.4.42
 БУЛЕ Т. БУИ - МОДИФИ. 1.1.2

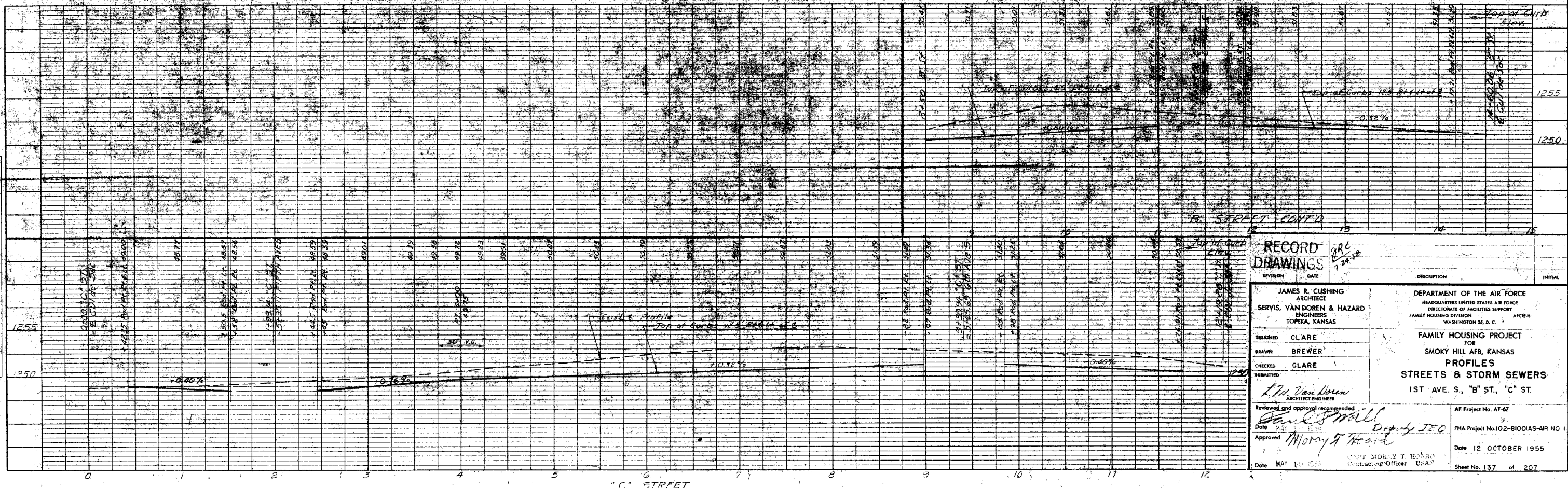


RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.		AFCEM	
DESIGNED	KERBY	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS PROFILES STREETS & STORM SEWERS 5TH AVE. N., "L" ST., "N" CT., "N" ST "M" ST.			
DRAWN	BREWER	AF Project No. AF-67			
CHECKED	KERBY	FH Project No. 102-81001AS-41R NO. 1			
APPROVED	<i>L. M. Chardron</i> ARCHITECT-ENGINEER	Date 12 OCTOBER 1955			
Reviewed and approved recommended <i>James R. Cushing</i> Date MAY 10 1956 Approved <i>Moray G. Hoard</i> Date MAY 10 1956		AF Project No. AF-67 FH Project No. 102-81001AS-41R NO. 1 Date 12 OCTOBER 1955 Sheet No. 134 of 207			

NO. 1000-1
 MOLE BOOK
 PROJECT
 DATE



NO. 1000-1
 MOLE BOOK
 PROJECT
 DATE



REVISION	DATE	DESCRIPTION	INITIAL

JAMES R. CUSHING
 ARCHITECT

SERVIS, VAN BOREN & HAZARD
 ENGINEERS
 TOPEKA, KANSAS

DESIGNED: CLARE
 DRAWN: BREWER
 CHECKED: CLARE
 SUBMITTED: [Signature]

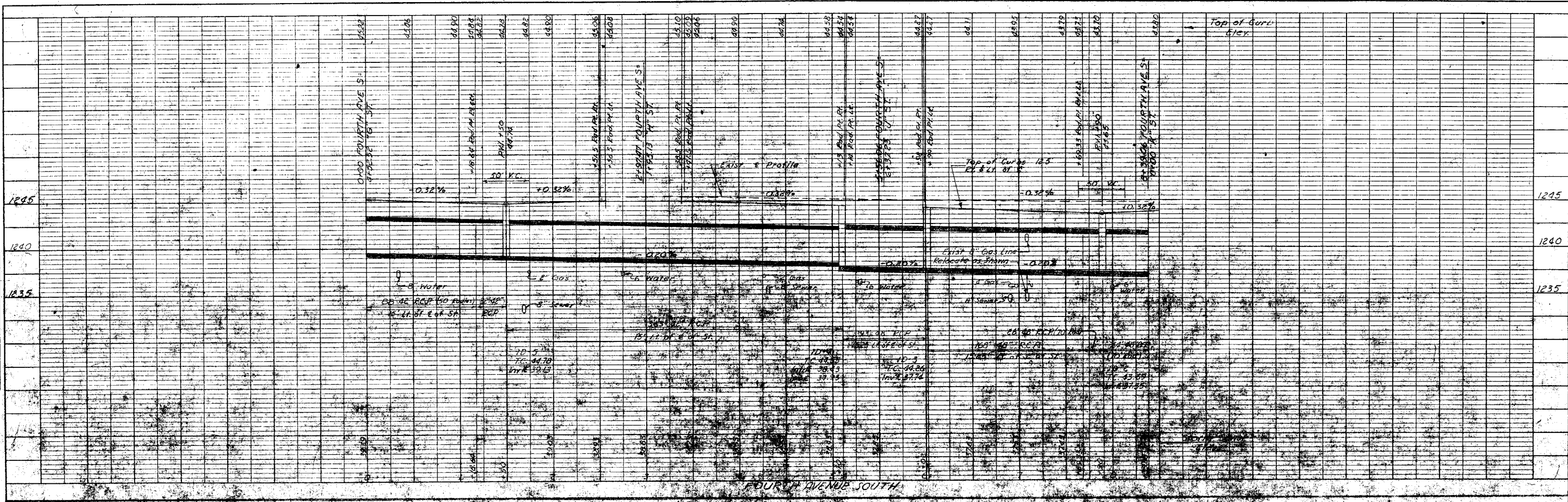
DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION AFCEH
 WASHINGTON 25, D. C.

FAMILY HOUSING PROJECT
 FOR
 SMOKY HILL AFB, KANSAS
PROFILES
STREETS & STORM SEWERS
 1ST AVE. S., "B" ST., "C" ST.

Reviewed and approval recommended
 Date: [Signature] 1955
 Approved: [Signature] Deputy IIC
 Date: MAY 14 1955

AF Project No. AF-67
 FHA Project No. 102-B1001AS-AIR NO. 1
 Date 12 OCTOBER 1955
 Sheet No. 137 of 207

NO.	1235
DATE	12/10/55
BY	CLARE
CHECKED	CLARE
APPROVED	
REVISION	
DESCRIPTION	
DATE	
BY	
CHECKED	
APPROVED	



NO.	1255
DATE	12/10/55
BY	CLARE
CHECKED	CLARE
APPROVED	
REVISION	
DESCRIPTION	
DATE	
BY	
CHECKED	
APPROVED	



RECORD DRAWINGS 9/16/58

REVISION	DATE	DESCRIPTION	INITIAL
1	12/10/55	DESIGNED	CLARE
2	12/10/55	DRAWN	BREWER
3	12/10/55	CHECKED	CLARE
4	12/10/55	SUBMITTED	

DESIGNED: CLARE
 DRAWN: BREWER
 CHECKED: CLARE
 SUBMITTED:

APPROVED: *L. W. VanDoren*
 ARCHITECT-ENGINEER

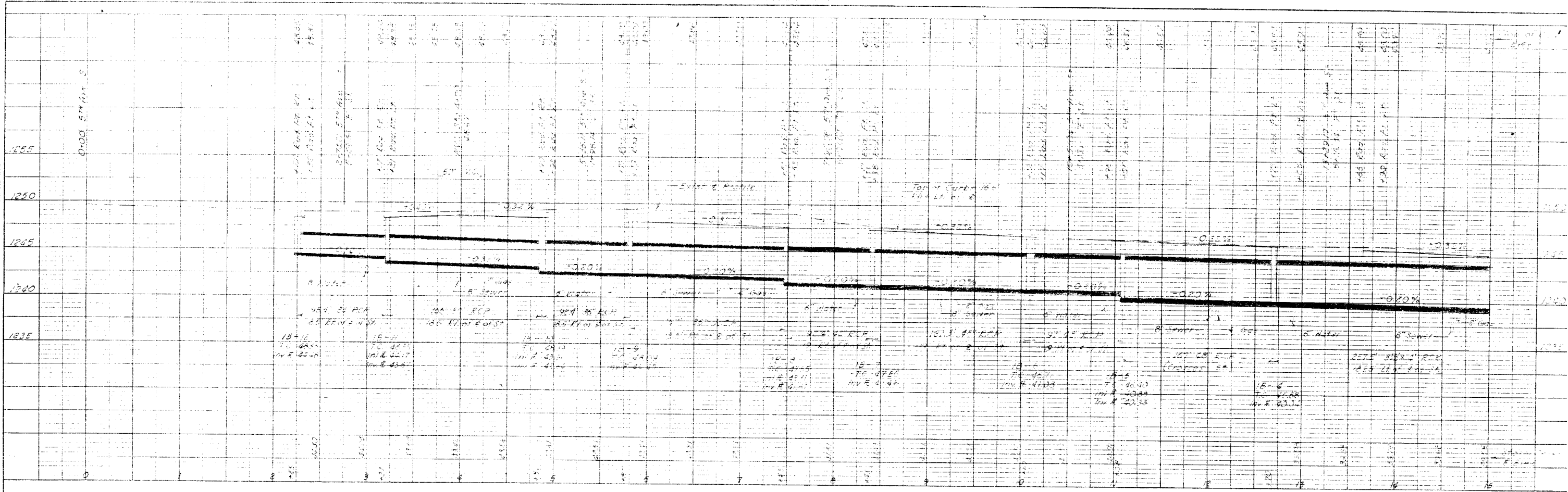
REVIEWED AND APPROVED: *John S. Wall*
 DATE: MAY 11 1956
 DEPUTY IEO

APPROVED: *Morton T. Hoards*
 DATE: MAY 11 1956
 CAPT. MORAY T. BOARD
 CONTRACTING OFFICER USAF

DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION
 WASHINGTON, D. C.

AF Project No. AF-57
 FHA Project No. 102-B100A5-AJR NO 1
 Date: 12 OCTOBER 1955
 Sheet No. 138 of 207

NO. 40
 PROFILE
 WATER BOOK
 SCALE 1" = 10'



NO. 40
 PROFILE
 WATER BOOK
 SCALE 1" = 10'

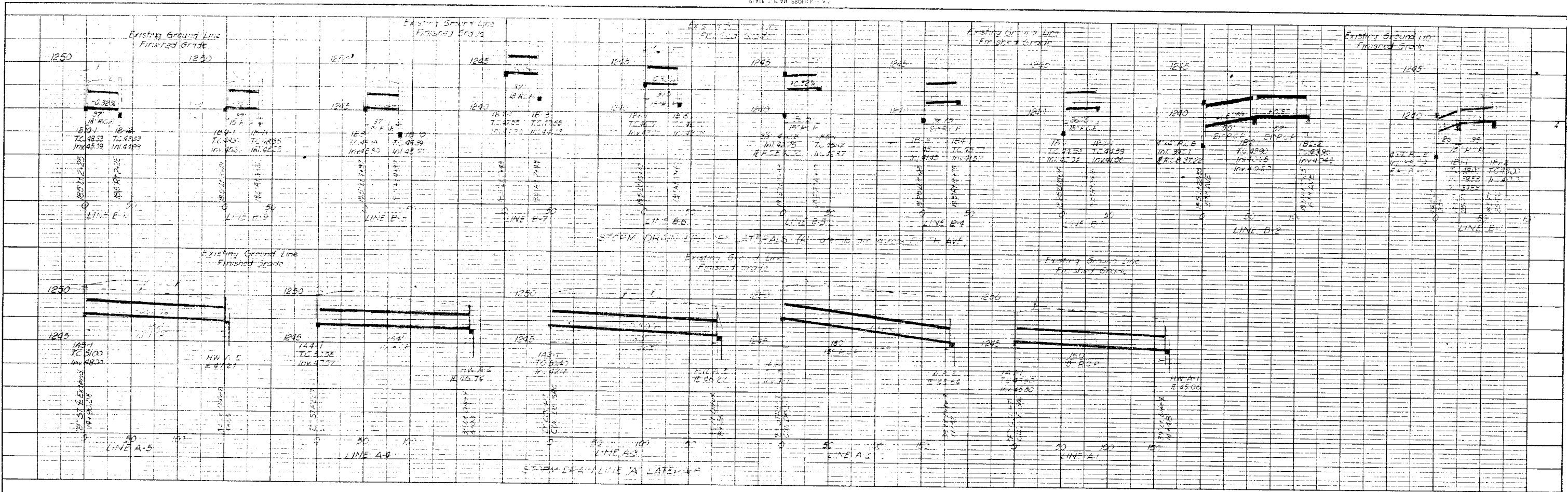


RECORD DRAWINGS

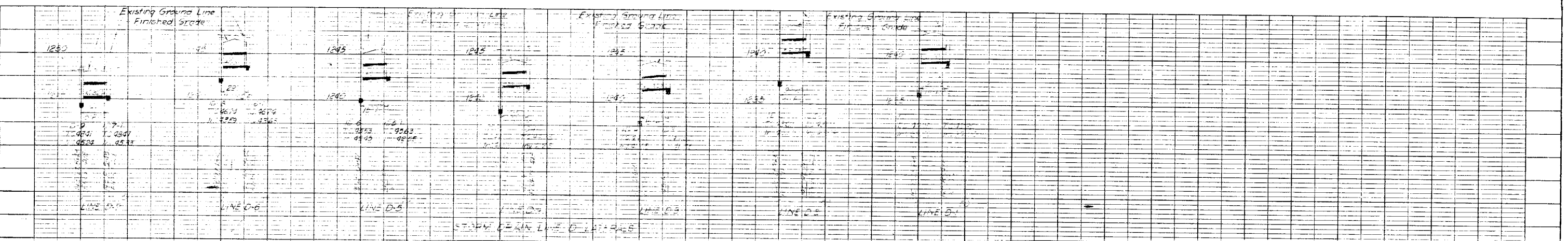
REVISION	DATE	DESCRIPTION	INITIALS

JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25 D. C.	
DESIGNED	CLARE	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS PROFILES STREETS & STORM SEWERS 5TH AVE S	
DRAWN	BREWER		
CHECKED	CLARE		
SUBMITTED		ARCHITECT ENGINEER Reviewed and approval recommended	
Date		AF Project No. AF-57	
Approved		FHA Project No. 102-BIOOAS-AIR NO 1	
Date		Date 12 OCTOBER 1955	
Date		Sheet No 139 of 151	

NO. 1
 MOLE BOOK
 PROFILE
 DATE



NO. 2
 MOLE BOOK
 PROFILE
 DATE



RECORD COPY
 DRAWING

REVISION	DATE	DESCRIPTION	INITIAL

DESIGNED: CLARE
 DRAWN: BREWER
 CHECKED: CLARE
 SUBMITTED:

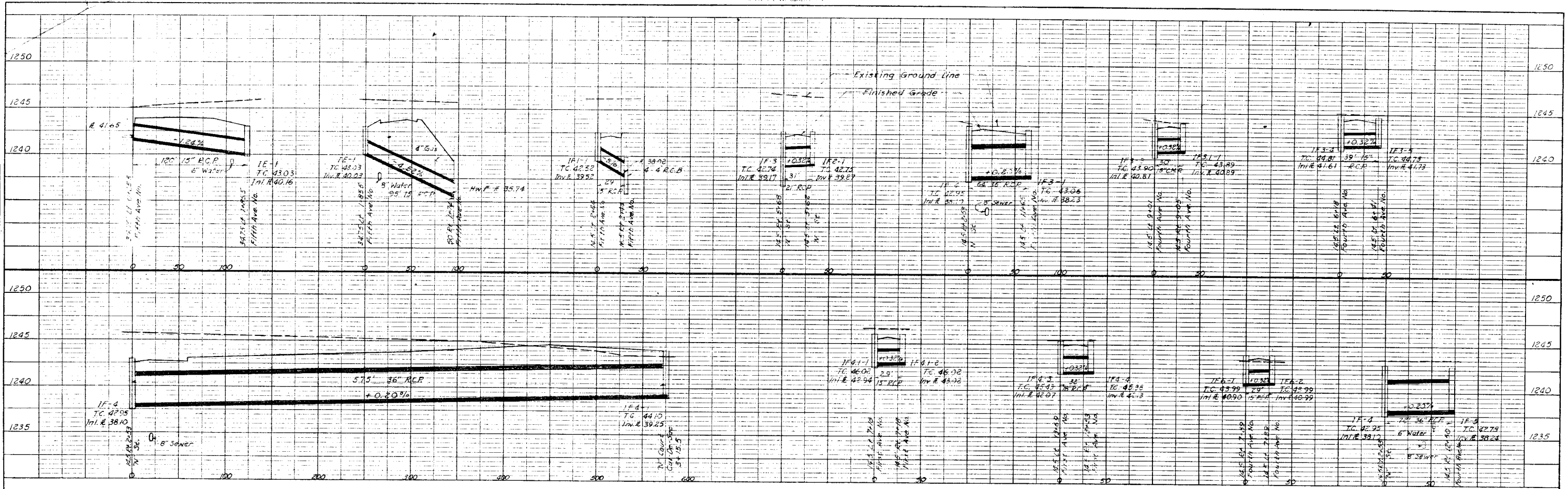
DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION AFCEH
 WASHINGTON 25, D. C.

FOR
 FAMILY HOUSING PROJECT
 SMOKY HILL AFB, KANSAS
 PROFILES
 STORM DRAIN LATERALS
 LINES "A", "B" & "D"

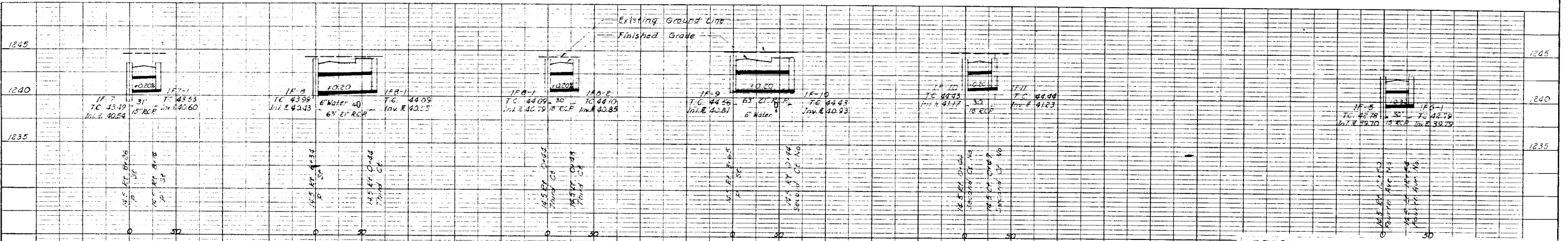
AF Project No. AF-67
 Date: 12 OCTOBER 1955
 Approved:

SHEET No. 140 of 207

NO. 101
 MOLE BOOK
 SHEET NO. 101
 DATE

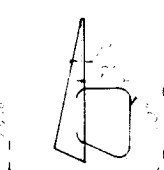
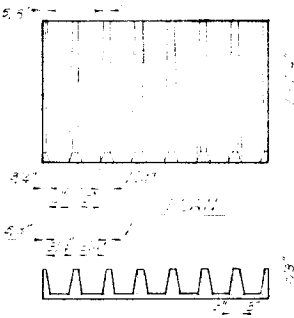
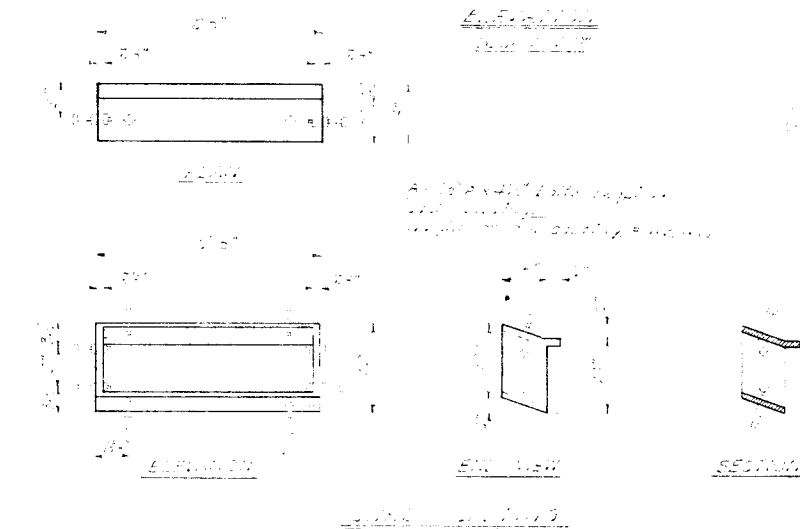
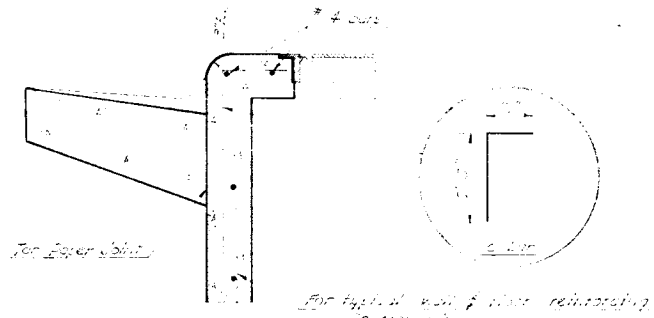
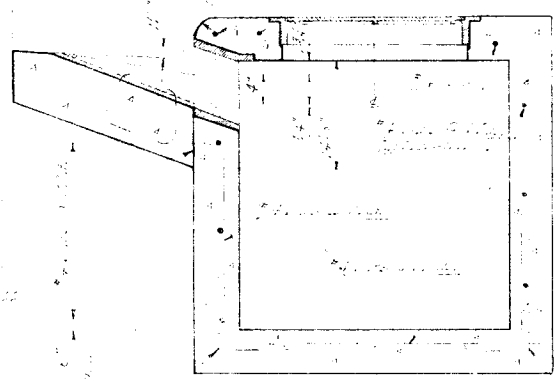
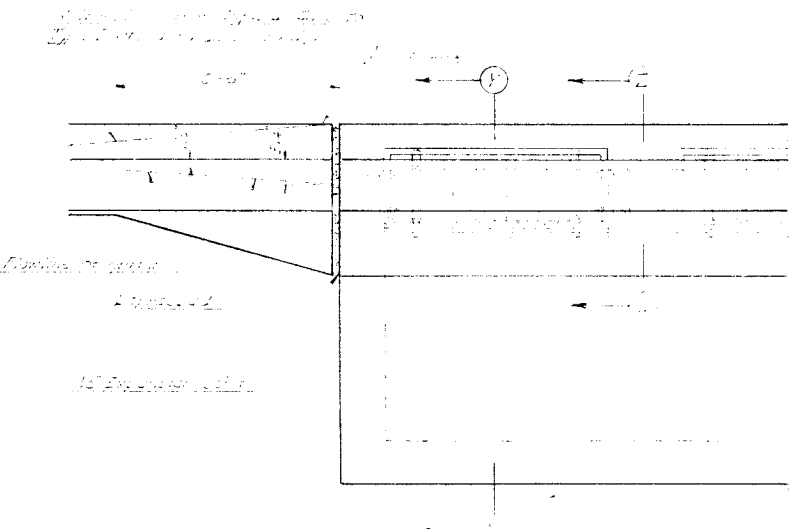
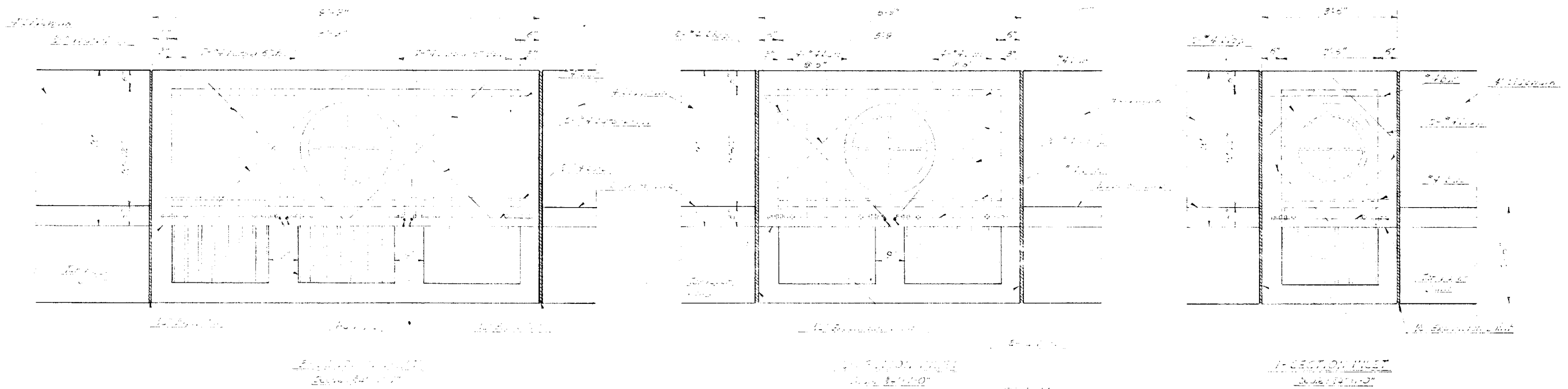


NO. 101
 MOLE BOOK
 SHEET NO. 101
 DATE



RECORD
 DRAWINGS
 7-24-55

REVISION	DATE	DESCRIPTION	INITIAL
<p>JAMES R. CUSHING ARCHITECT</p> <p>SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p> <p>DESIGNED: KERBY DRAWN: BREWER CHECKED: KERBY SUBMITTED:</p> <p>DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. AFCE-14</p> <p>FOR SMOKY HILL AFB, KANSAS</p> <p>FAMILY HOUSING PROJECT PROFILES STORM DRAIN LINE "F" & LATERAL "E" & "F"</p> <p>Reviewed and approval recommended <i>[Signature]</i> ARCHITECT ENGINEER</p> <p>Date: 10/12/55 Approved: <i>[Signature]</i></p> <p>AF Project No. AF-67 FHA Project No. 102-B100IAS-AIR Date 12 OCTOBER 1955 Sheet No. 141 of 207</p>			

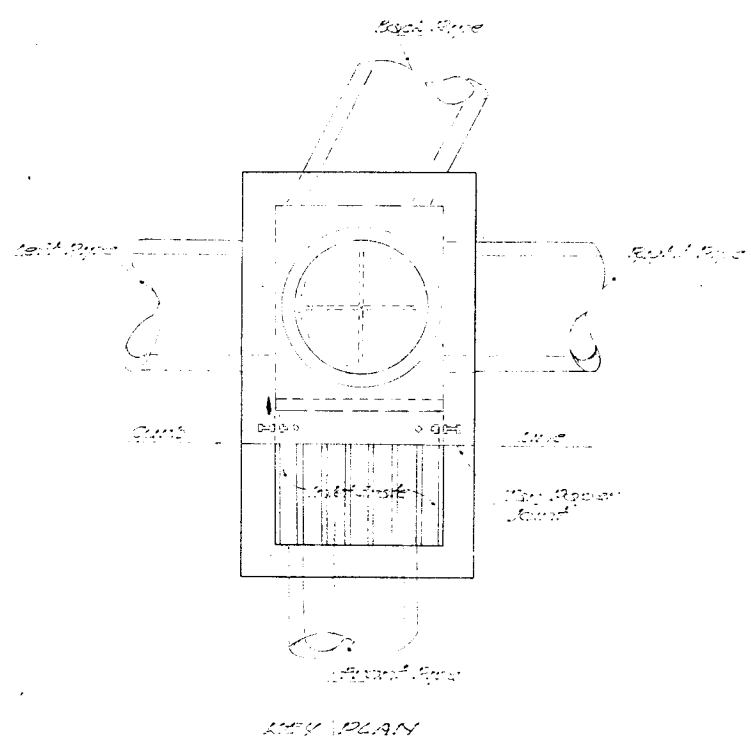


REVISION	DATE	DESCRIPTION	INITIAL

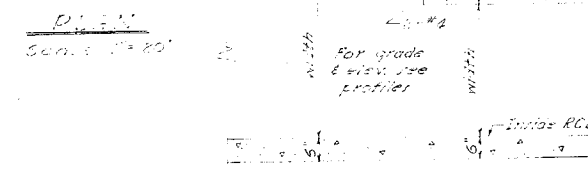
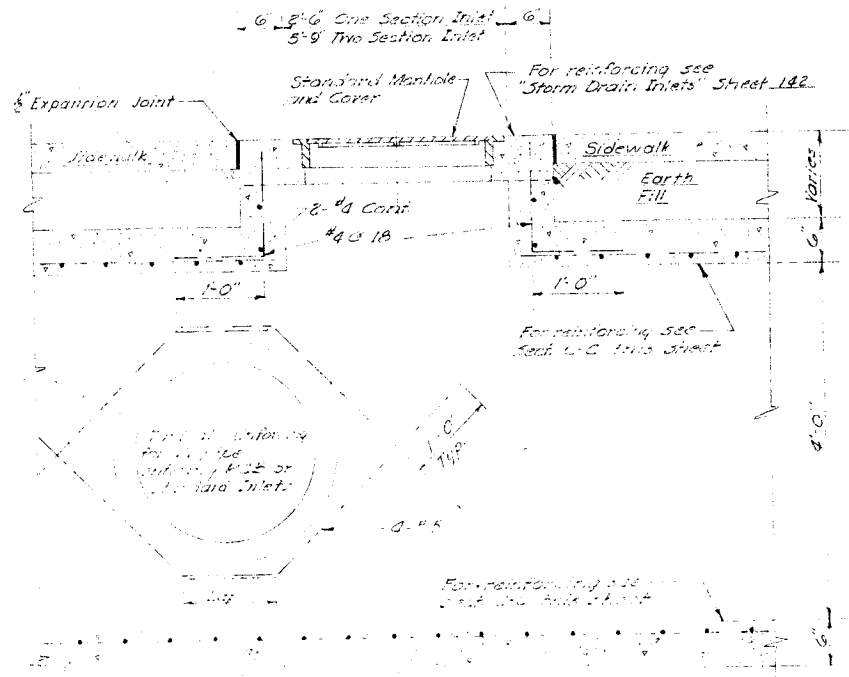
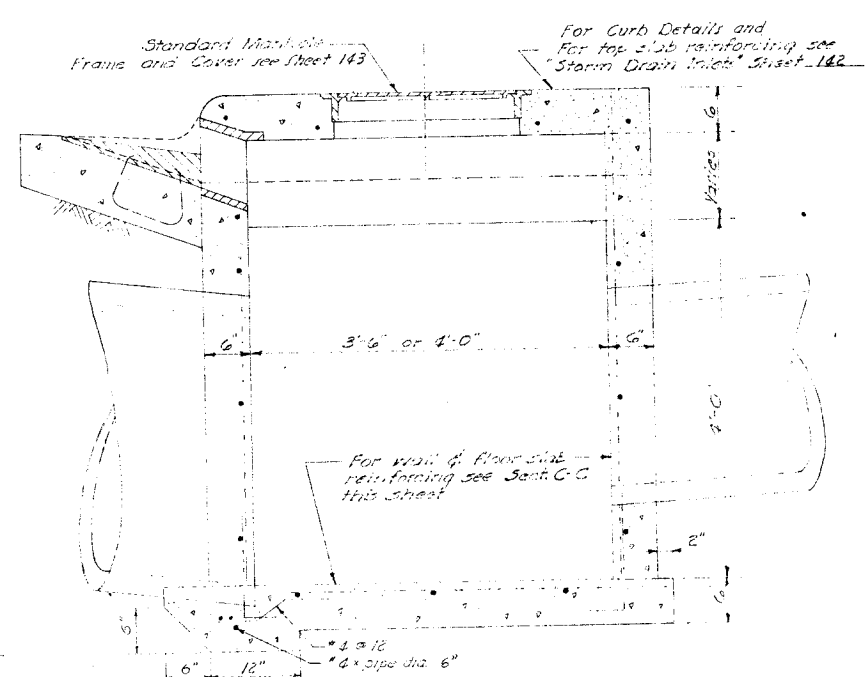
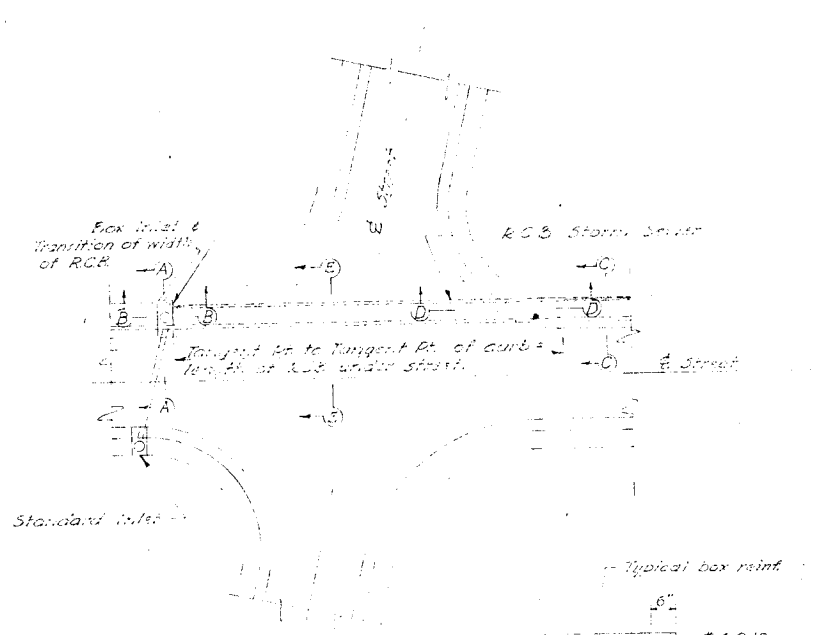
DESIGNED: KERBY DRAWN: BLACKWOOD CHECKED: KERBY SUBMITTED: <i>K.M. VanDoren</i> ARCHITECT ENGINEER	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. AFCEH
REVIEWED and approval recommended: <i>[Signature]</i> Date: <i>10/12/55</i> Approved: <i>[Signature]</i> Date: <i>10/12/55</i>	AF Project No. AF-67 FHA Project No. 102-BIOOIAS-AIR M Date: 12 OCTOBER 1955 Contracting Officer: USAF Sheet No. 142 of 207

INLET SCHEDULE

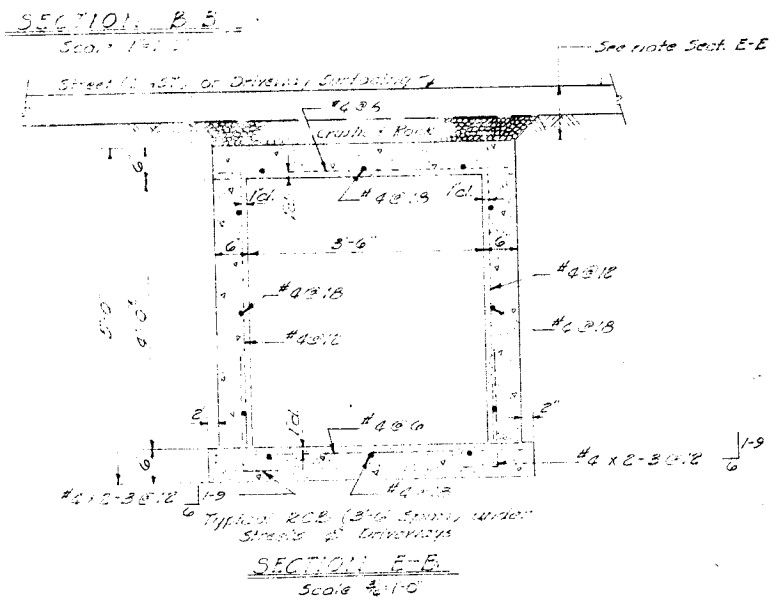
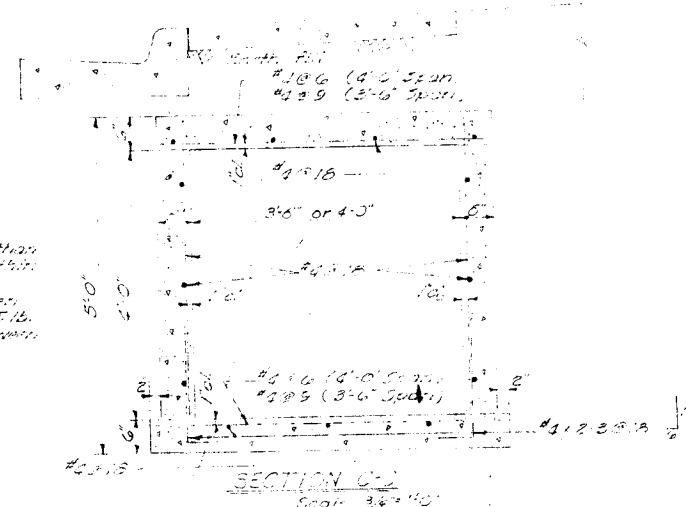
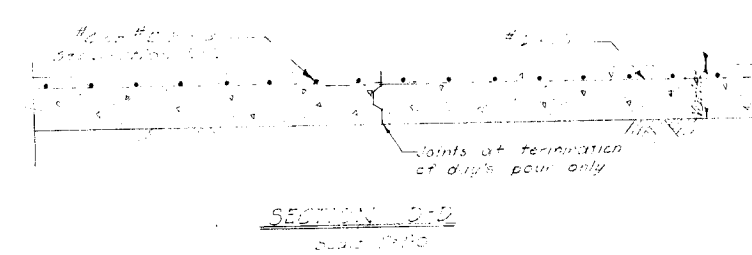
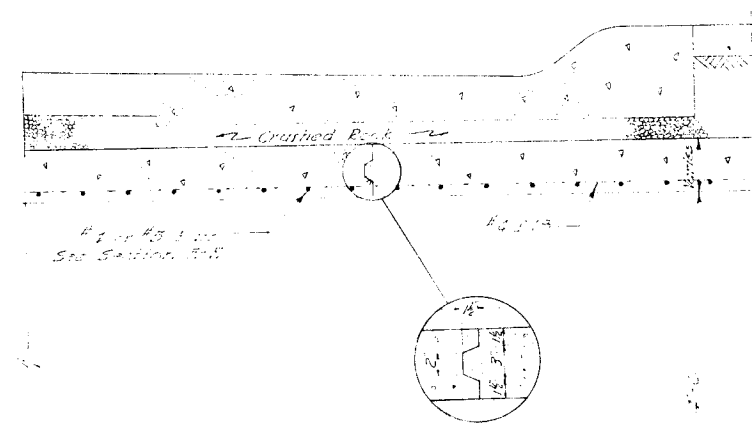
Inlet's Sect.	Dimen. H	W	Front Pipe Size	Back Pipe Size	Left Pipe Size	Right Pipe Size	Top Elev.	Remarks	Inlet's Sect.	Dimen. H	W	Front Pipe Size	Back Pipe Size	Left Pipe Size	Right Pipe Size	Top Elev.	Remarks
18-1	3.00	4'-6"	15"	15"	15"	15"	45.30		18-1	1	3.00	4'-6"	15"	15"	15"	45.30	
18-2	3.00	4'-6"	15"	15"	15"	15"	45.30		18-2	2	3.65	4'-6"	18"	18"	18"	44.96	
18-3	3.00	4'-6"	15"	15"	15"	15"	45.30		18-3	2	3.24	4'-6"	18"	18"	18"	45.09	
18-4	3.00	4'-6"	15"	15"	15"	15"	45.30		18-4	3	6.66	6'-0"	18"	18"	18"	39.90	Box
18-5	3.00	4'-6"	15"	15"	15"	15"	45.30		18-5	2	3.25	4'-6"	18"	18"	18"	39.70	
18-6	3.00	4'-6"	15"	15"	15"	15"	45.30		18-6	1	6.34	6'-0"	15"	15"	15"	40.59	
18-7	3.00	4'-6"	15"	15"	15"	15"	45.30		18-7	1	3.00	4'-6"	15"	15"	15"	40.69	
18-8	3.00	4'-6"	15"	15"	15"	15"	45.30		18-8	2	6.36	6'-0"	15"	15"	15"	40.30	
18-9	3.00	4'-6"	15"	15"	15"	15"	45.30		18-9	2	6.61	6'-0"	15"	15"	15"	41.45	
18-10	3.00	4'-6"	15"	15"	15"	15"	45.30		18-10	1	3.00	4'-6"	15"	15"	15"	41.55	Box
18-11	3.00	4'-6"	15"	15"	15"	15"	45.30		18-11	2	5.65	5'-3"	15"	15"	15"	41.65	Box
18-12	3.00	4'-6"	15"	15"	15"	15"	45.30		18-12	1	3.00	4'-6"	15"	15"	15"	41.78	
18-13	3.00	4'-6"	15"	15"	15"	15"	45.30		18-13	1	5.43	5'-3"	15"	15"	15"	42.42	
18-14	3.00	4'-6"	15"	15"	15"	15"	45.30		18-14	1	3.08	4'-6"	15"	15"	15"	42.35	
18-15	3.00	4'-6"	15"	15"	15"	15"	45.30		18-15	3	5.42	5'-3"	36"	36"	36"	40.36	Box
18-16	3.00	4'-6"	15"	15"	15"	15"	45.30		18-16	2	4.00	4'-6"	15"	15"	15"	41.59	
18-17	3.00	4'-6"	15"	15"	15"	15"	45.30		18-17	1	3.06	4'-6"	15"	15"	15"	43.48	
18-18	3.00	4'-6"	15"	15"	15"	15"	45.30		18-18	2	3.92	4'-6"	15"	15"	15"	43.24	
18-19	3.00	4'-6"	15"	15"	15"	15"	45.30		18-19	1	3.08	4'-6"	15"	15"	15"	42.31	
18-20	3.00	4'-6"	15"	15"	15"	15"	45.30		18-20	1	3.00	4'-6"	15"	15"	15"	40.16	
18-21	3.00	4'-6"	15"	15"	15"	15"	45.30		18-21	1	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	42.82	Box
18-22	3.00	4'-6"	15"	15"	15"	15"	45.30		18-22	1	3.50	4'-6"	15"	15"	15"	39.50	
18-23	3.00	4'-6"	15"	15"	15"	15"	45.30		18-23	2	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	43.02	Box
18-24	3.00	4'-6"	15"	15"	15"	15"	45.30		18-24	1	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	39.17	Box
18-25	3.00	4'-6"	15"	15"	15"	15"	45.30		18-25	2	3.48	4'-6"	15"	15"	15"	39.17	
18-26	3.00	4'-6"	15"	15"	15"	15"	45.30		18-26	1	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	38.10	Box



RECORD DRAWINGS		DATE		DESCRIPTION		DIB	
DESIGNED		DRAWN		CHECKED		SUBMITTED	
Kerby		Kerby		Kerby		S. M. Van Doren	
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS				DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
DESIGNED DRAWN CHECKED SUBMITTED				FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS STORM DRAIN INLETS DETAILS & SCHEDULE			
Reviewed and approval recommended Date: MAY 11 1956 Approved: Mory J. Hoard				AF Project No. AF-67 FIA Project No. 102-BIOCAS-AIR NO Date: 12 OCTOBER 1955 Sheet No. 143 of 207			



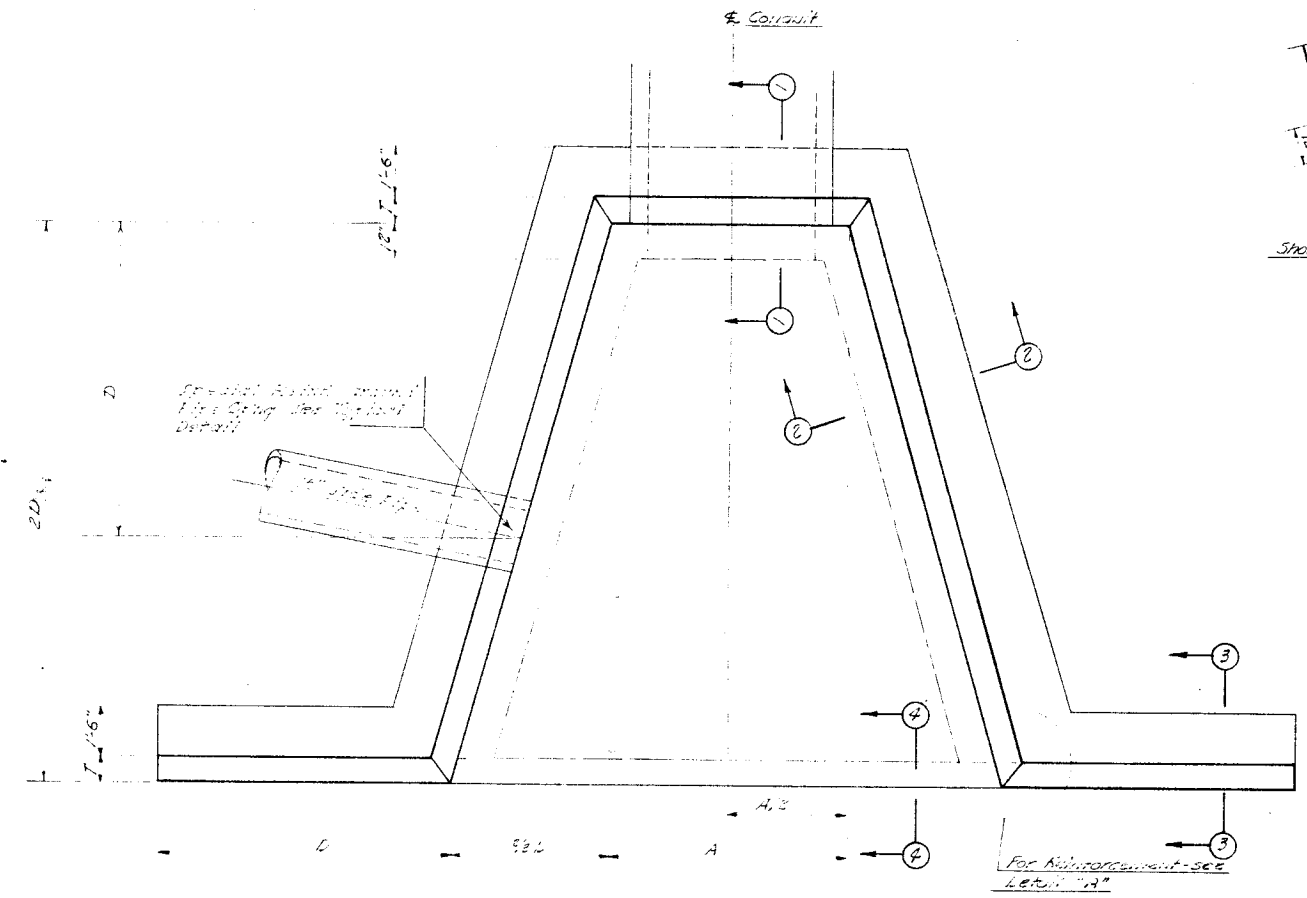
R.C.B. Width Transition PLAN THRU WALL
No Scale



NOTE: See for the final board is minimum of 1'-0" for curb diameters.

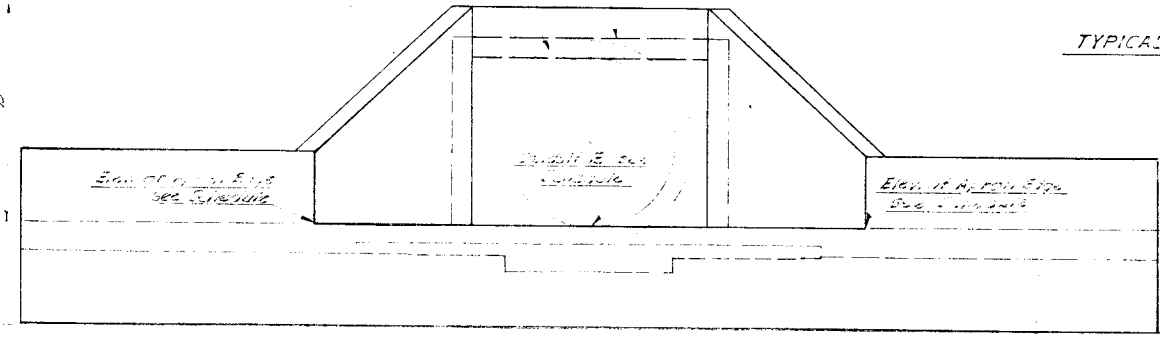
RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.		FAMILY HOUSING PROJECT SMOKY HILL AFB, KANSAS STORM DRAIN R.C. BOX DETAILS	
DESIGNED	KERBY	AF Project No. AF-67			
DRAWN	WADE	FHA Project No. 102-BIOO1A5-AIR N			
CHECKED	KERBY	Date 12 OCTOBER 1955			
SUBMITTED	L.M. Vandoren ARCHITECT-ENGINEER	Date MAY 10 1955			
Reviewed and approval recommended	Approved: Mory T. Hoard	CAPT. MORAY T. HOARD Contracting Officer USAF			
Date	MAY 10 1955	Sheet No. 144 of 207			

NUMBER	CONDUIT SIZE	DIMENSIONS			ELEVATION OF CONDUIT	ELEVATION AT APPROX EDGE
		A	D	T		
HWA-17	36" Pipe	4'-2"	4'-2"	9"	37.00	37.06
HWA	"	"	"	"	36.00	35.95
HWA-11	30" Pipe	3'-7"	3'-8"	"	41.00	41.05
HWA0	"	"	"	"	40.60	40.55
HWA1	15" Pipe	2'-2"	2'-4"	7"	45.06	45.01
HWA2	"	"	"	"	45.64	45.59
HWA3	"	"	"	"	46.27	46.22
HWA4	"	"	"	"	46.74	46.69
HWA5	"	"	"	"	47.21	47.16
HWB	4'x4' Box	4'-0"	5'-4"	9"	36.00	35.95
HWD	48" Pipe	5'-4"	5'-5"	9"	36.00	35.95
HWF	4'x4' Box	4'-0"	5'-4"	9"	35.71	35.66
Side Pipe	15" Pipe				35.73	

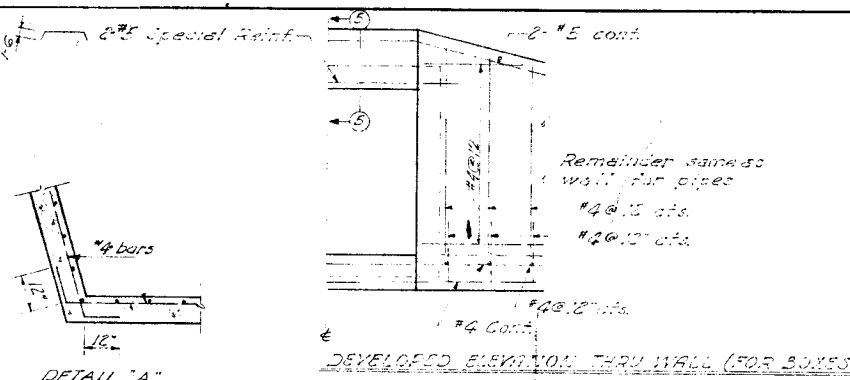


PLAN

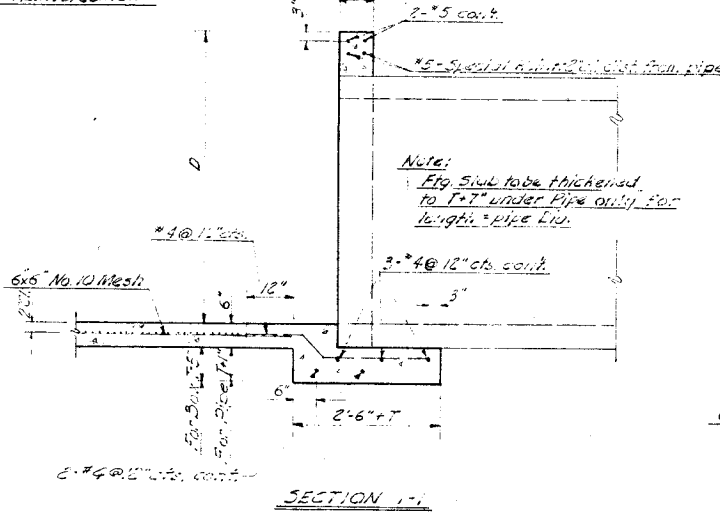
Top of Eop.



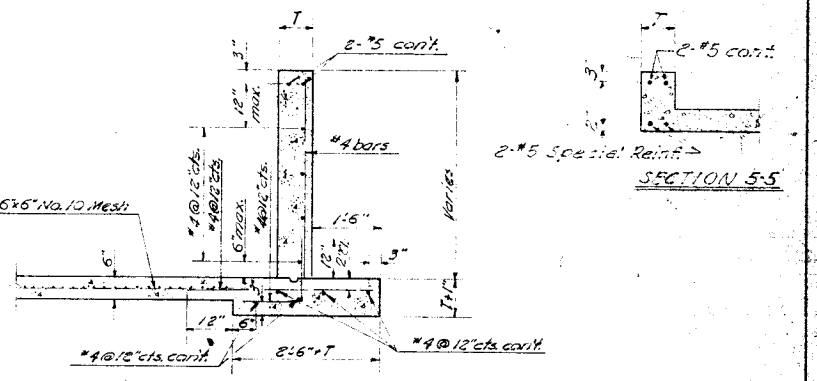
ELEVATION



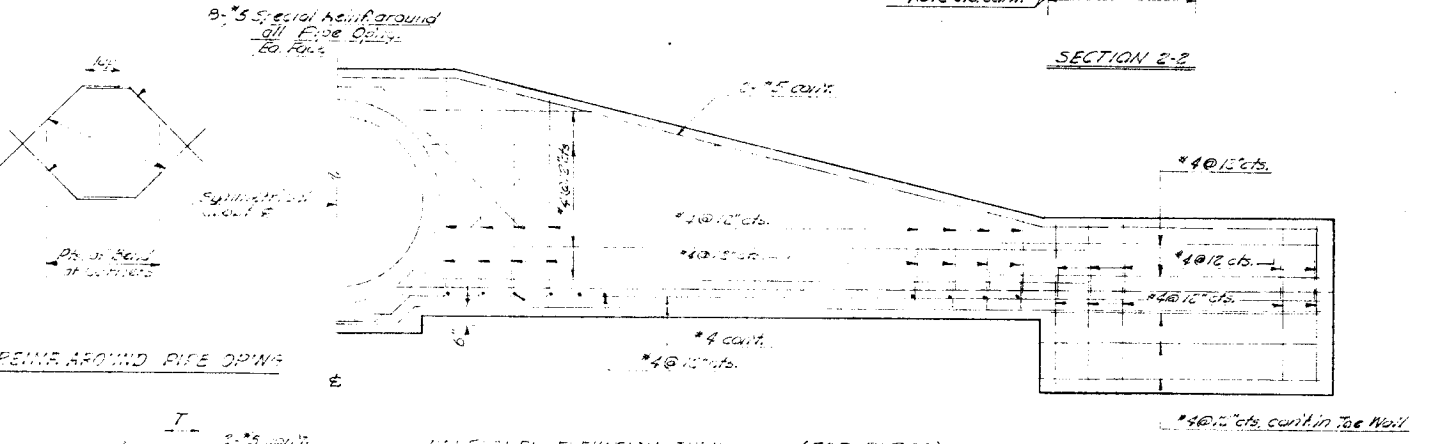
DETAIL "A" Showing Corner Reinforcement



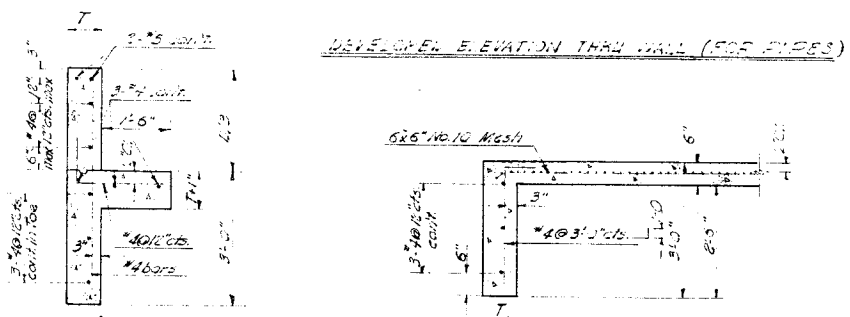
SECTION 1-1



SECTION 2-2



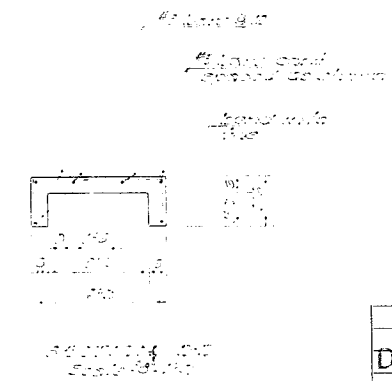
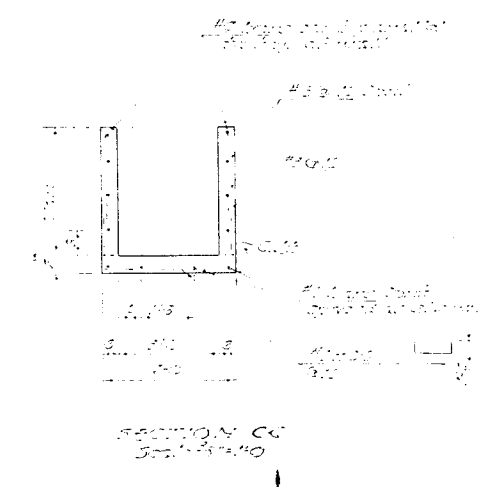
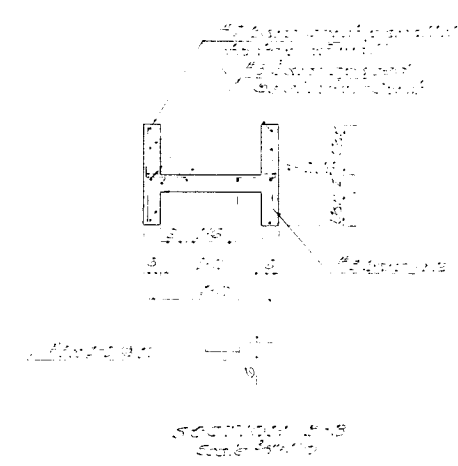
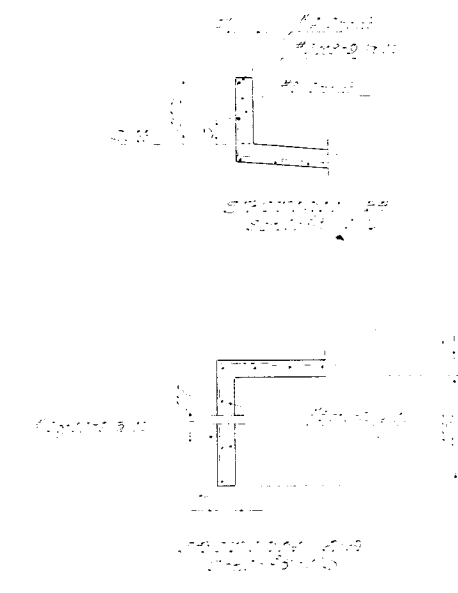
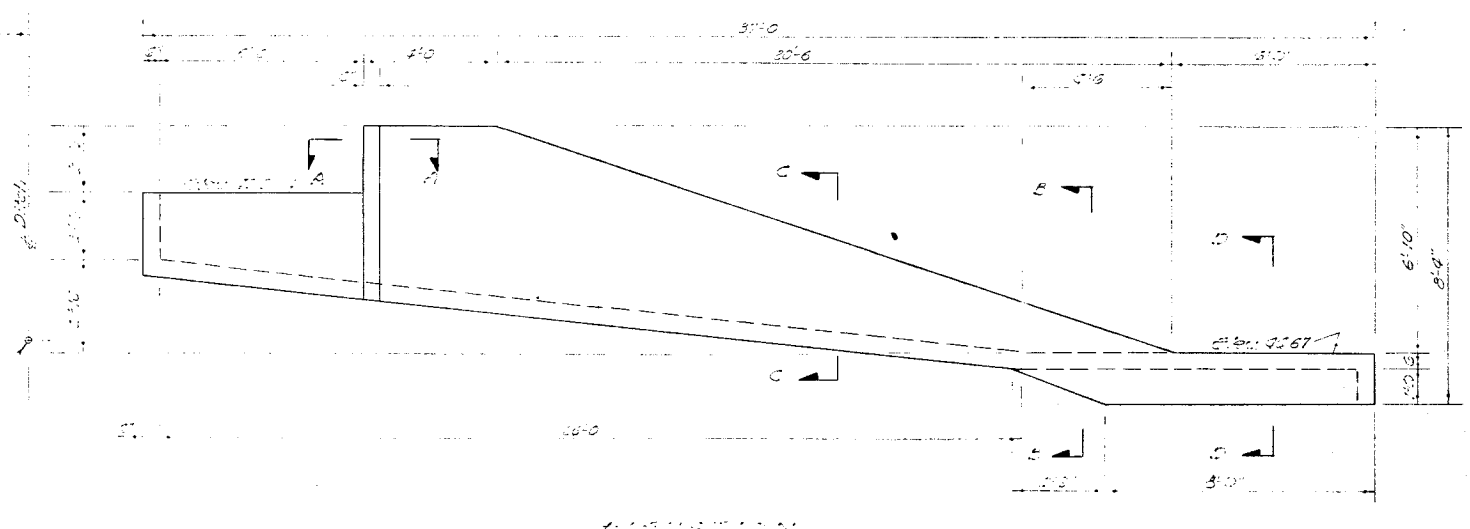
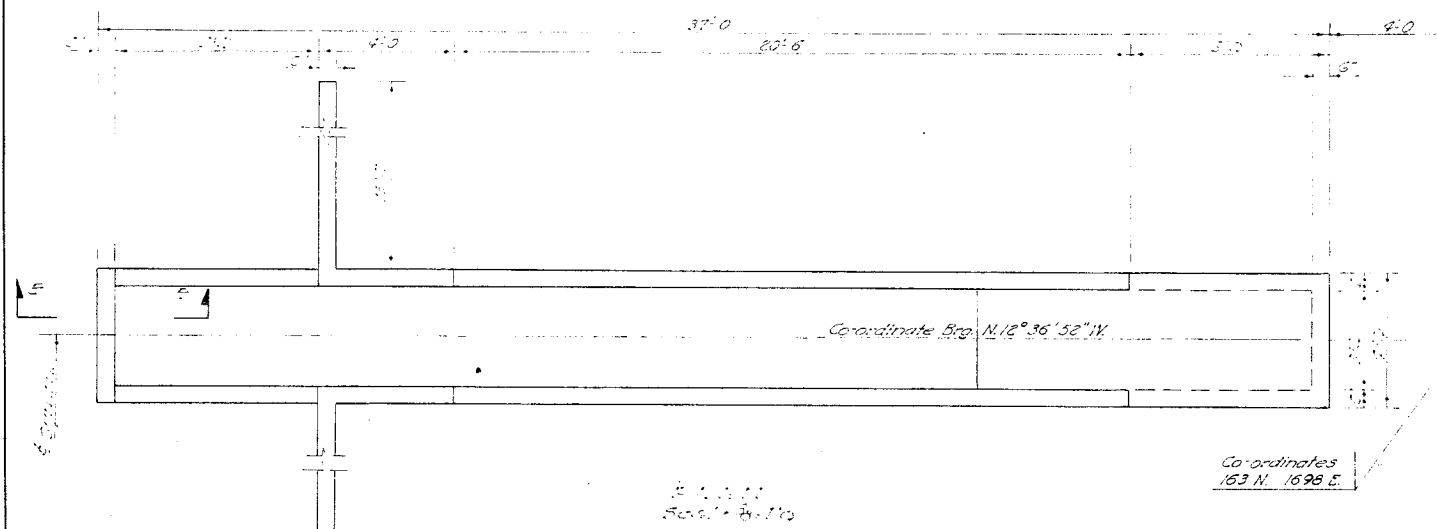
TYPICAL REINF. AROUND PIPE OPENING



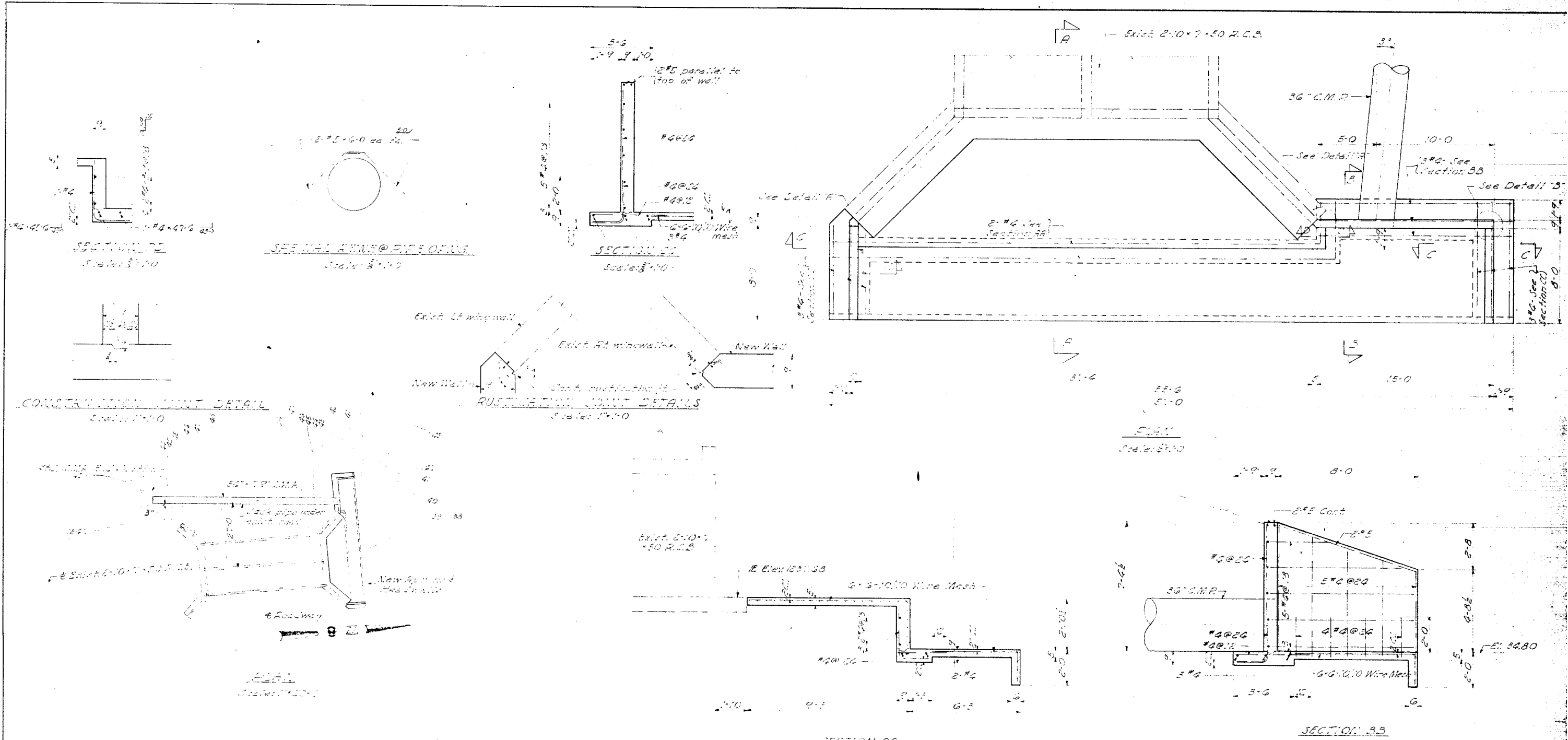
SECTION 3-3

SECTION 4-4

REVISION		DATE	DESCRIPTION	INITIAL
JAMES R. CLISHING ARCHITECT			DEPARTMENT OF THE AIR FORCE	
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS			HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION AFCEAS WASHINGTON 25, D. C.	
DESIGNED GRANT			FAMILY HOUSING PROJECT FOR SMOXY HILL AFB, KANSAS	
DRAWN BLACKWOOD			STORM DRAIN HEADWALLS	
CHECKED KERBY			TYPICAL DETAILS	
SUBMITTED J. M. VanDoren ARCHITECT-ENGINEER				
Reviewed and approved recommended			AF Project No. AF-47	
Date MAY 1954			FMA Project No. 102-81001AS-ARB NO. 1	
Approved			Date 12 OCTOBER 1954	
Date MAY 19 1954			CAPT. MORAY T. HOARD Contracting Officer USAF	
			Sheet No. 165 of 207	



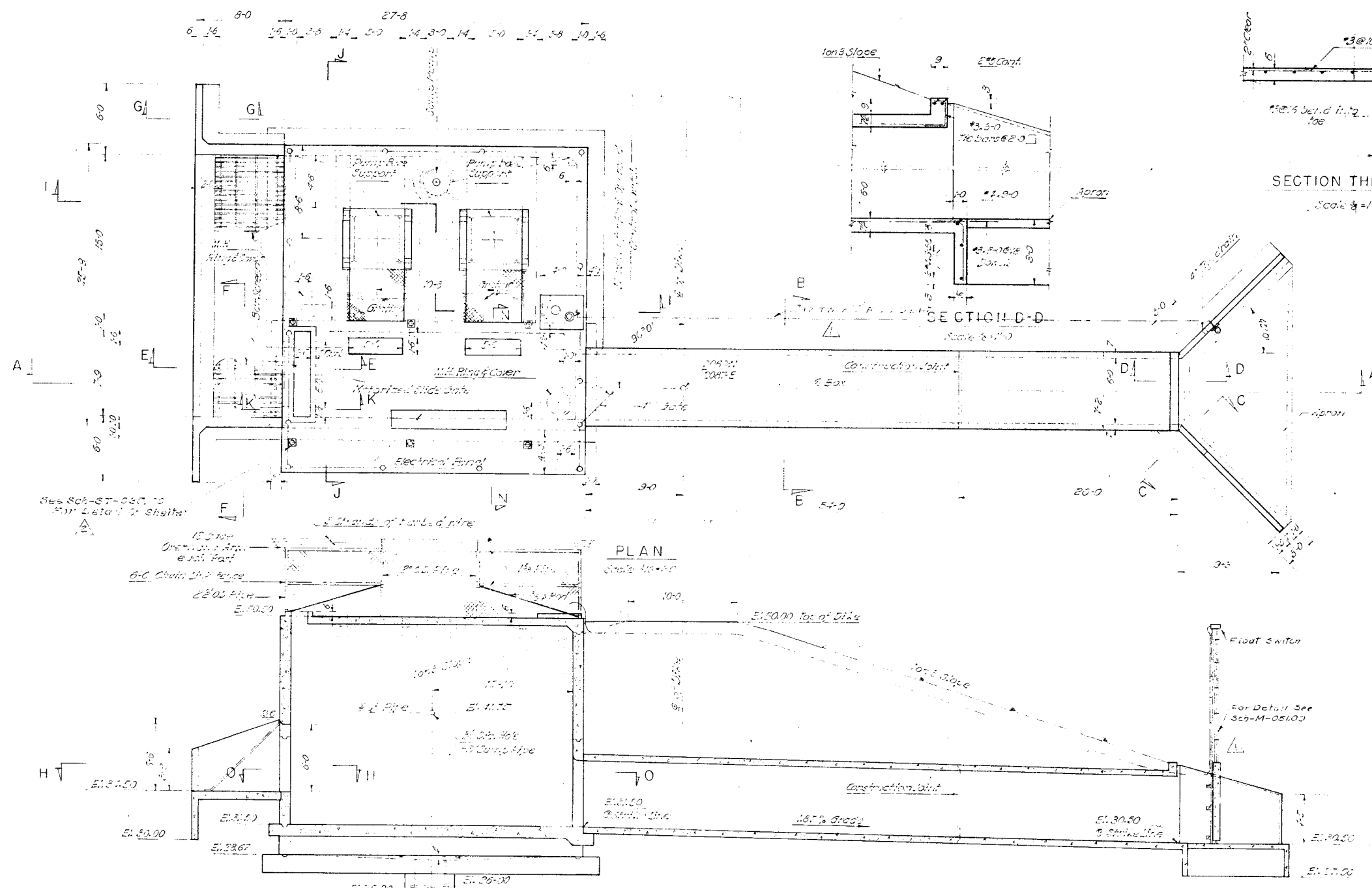
RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED BOND		DEPARTMENT OF THE AIR FORCE			
DRAWN BOND		HEADQUARTERS UNITED STATES AIR FORCE			
CHECKED KERBY		DIRECTORATE OF FACILITIES SUPPORT			
SUBMITTED		FAMILY HOUSING DIVISION AFCEM			
		WASHINGTON 25, D. C.			
		FAMILY HOUSING PROJECT			
		FOR			
		SMOKY HILL AFB, KANSAS			
		DRAINAGE DROP STRUCTURE			
		DETAIL AND SECTIONS			
Reviewed and approval recommended		AF Project No. AF-67			
Date MAY 10 1955		FNA Project No. 102-B001AS-AIR NO			
Approved Mary J. Heard		Date 12 OCTOBER 1955			
Date MAY 10 1955		CAPT MORGAN T. BOARD		Sheet No. 146 of 207	
		Contracting Officer USAF			



GENERAL NOTES

1. All concrete shall have a minimum compressive strength of 2500 lb. per sq. in. at 28 days.
2. Reinforcing steel shall be new bright stock of intermediate grade and conform to A.S.T.M. specifications A601-EST#61,500-EST.
3. Concrete cover for reinforcing steel shall be 1" unless otherwise shown.
4. Bar splices shall be 24 bar diameters unless otherwise shown.
5. Bar bends shall be A.C.I. recommended size - 180° hook.
6. Construct apron at same elev. as existing R.C.B. flow line.

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT		DEPARTMENT OF THE AIR FORCE			
SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
DESIGNED BOND		FOR			
DRAWN BOND		SMOKY HILL AFB, KANSAS			
CHECKED KERBY		HEADWALL "M"			
SUBMITTED L.M. Vandoren ARCHITECT-ENGINEER		DETAIL AND SECTIONS			
Reviewed and approval recommended		Date		AF Project No. AF-67	
Approved		Date		FMA Project No. IO2-810045-AIR MD 1	
CAPT. MORAY T. HOARD Contracting Officer USAF		Date		Date	
MAY 14 1956		12 OCTOBER 1955		Sheet No. 147 of 207	

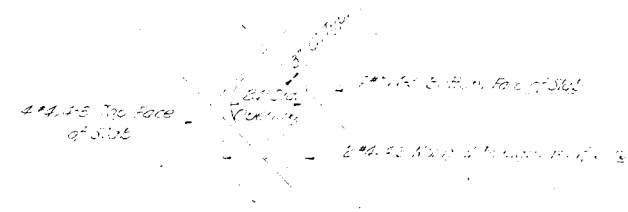


GENERAL NOTES

- All concrete shall have a minimum compressive strength of 3500 lbs. per sq. in. at 28 days.
- Reinforcing steel shall be new 17 1/2" stock of high grade and conform to A.S.T.M. specifications A 305-53T and A 15-52T.
- Concrete cover for reinforcing steel shall be 4" for slabs, 1/2" for walls and beams and 2" for footings unless otherwise shown.
- Bar spacings shall be 24 bar diameters unless otherwise noted.
- Bar bends shall be A.S.T.M. recommended size -180° hook.

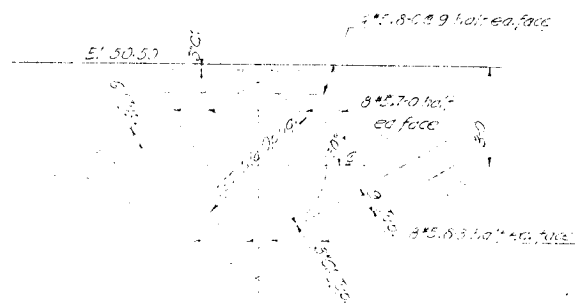
REVISION	DATE	DESCRIPTION	INITIAL
1	10/12/55	Added column for Shelter Per SCH-ST-035.06	JCY
2	10/12/55	Added float switch; Dwg. SCH-M-051.00	JCY

JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED TARASYN DRAWN TARASYN CHECKED BOND SUBMITTED L. M. Van Doren ARCHITECT-ENGINEER	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS FLOOD PUMPING STATION STRUCTURAL PLAN & SECTIONS
Reviewed and approval recommended <i>[Signature]</i> Date 10/12/55 Approved <i>[Signature]</i> Date MAY 16 1955	AF Project No. AF-47 FHA Project No. 102-8001AS-AIR NO 1 Date 12 OCTOBER 1955 CAPT. MORAY T. HOARD Contracting Officer USAF Sheet No. 148 of 207



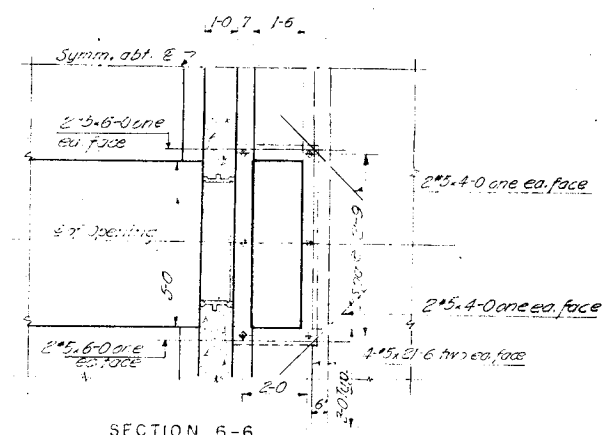
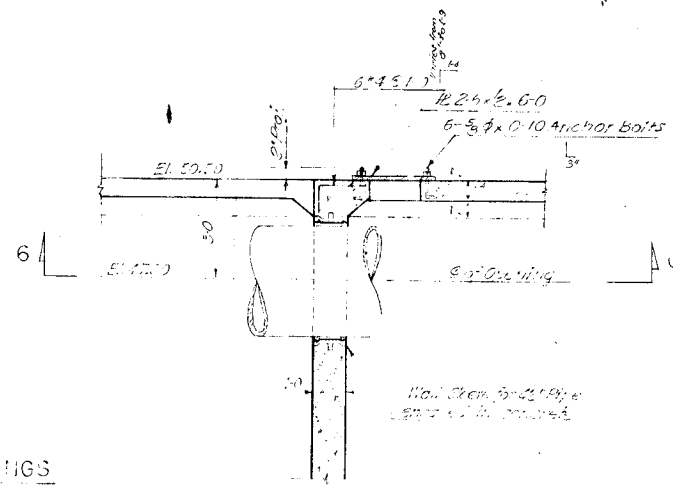
TYPICAL REINFORCING AROUND WALL OPENING

Scale 1/2"=1'-0"



TYPICAL REINFORCING AROUND DISCHARGE OF FOOTING

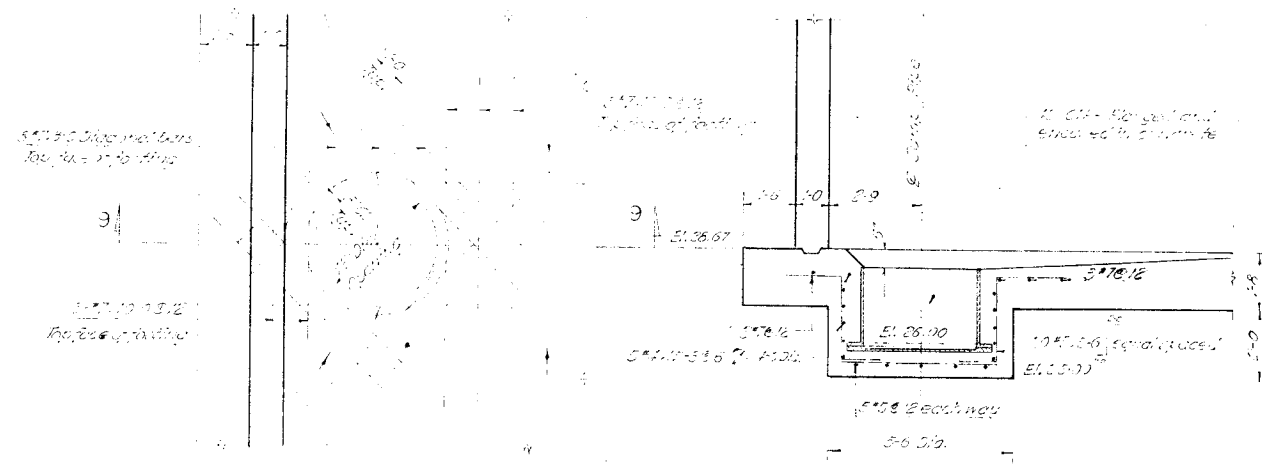
Scale 1/2"=1'-0"



SECTION 6-6

PUMP DISCHARGE OPENING DETAIL

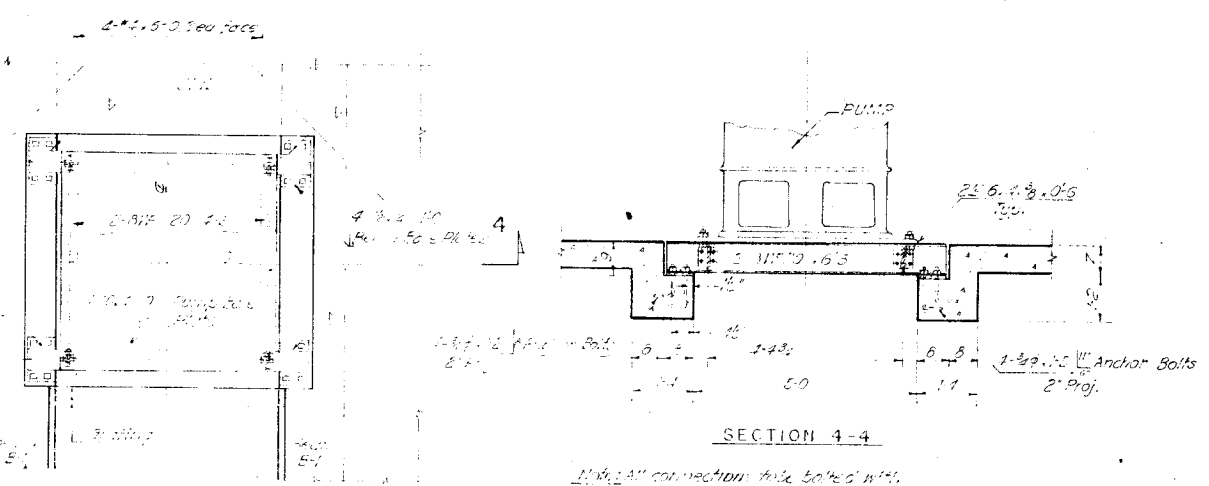
Scale 3/8"=1'-0"



SECTION 9-0

REINFORCING DETAIL AT SULFUR PIPE OPENING

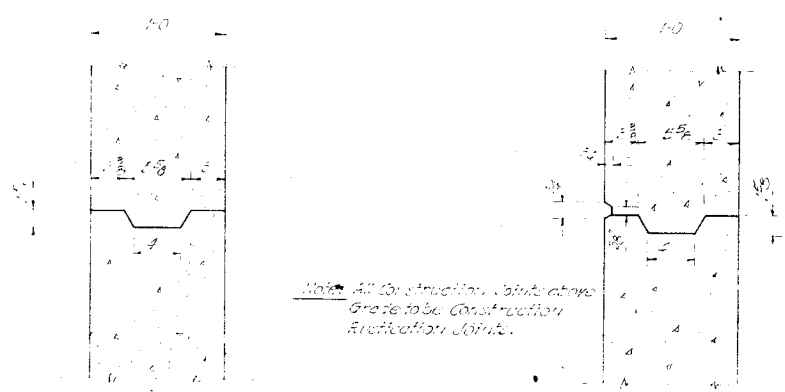
Scale 3/8"=1'-0"



SECTION 4-4

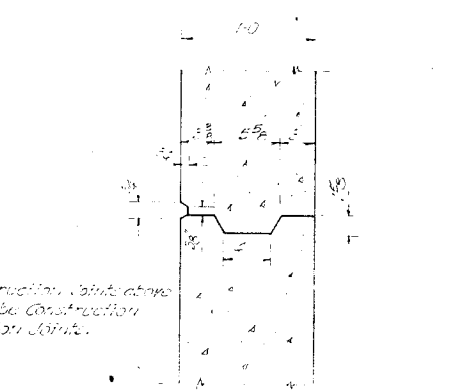
PUMP BASE SUPPORT DETAIL

Scale 1/2"=1'-0"



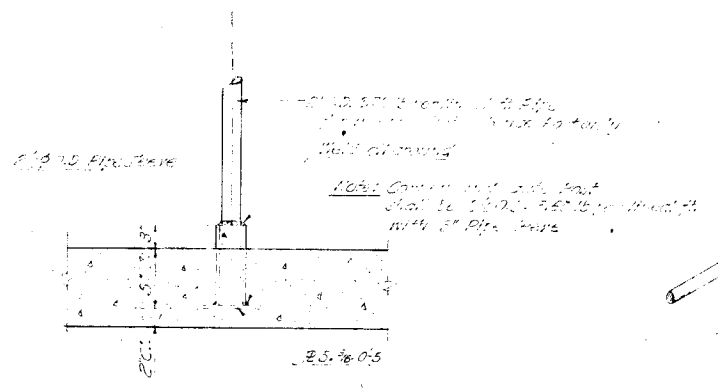
TYPICAL CONSTRUCTION JOINT DETAIL

Scale 1/2"=1'-0"



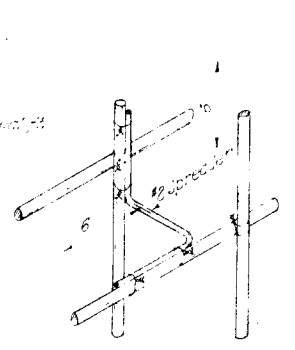
TYPICAL CONSTRUCTION RUSTICATION JOINT

Scale 1/2"=1'-0"



FENCE POST SETTING DETAIL

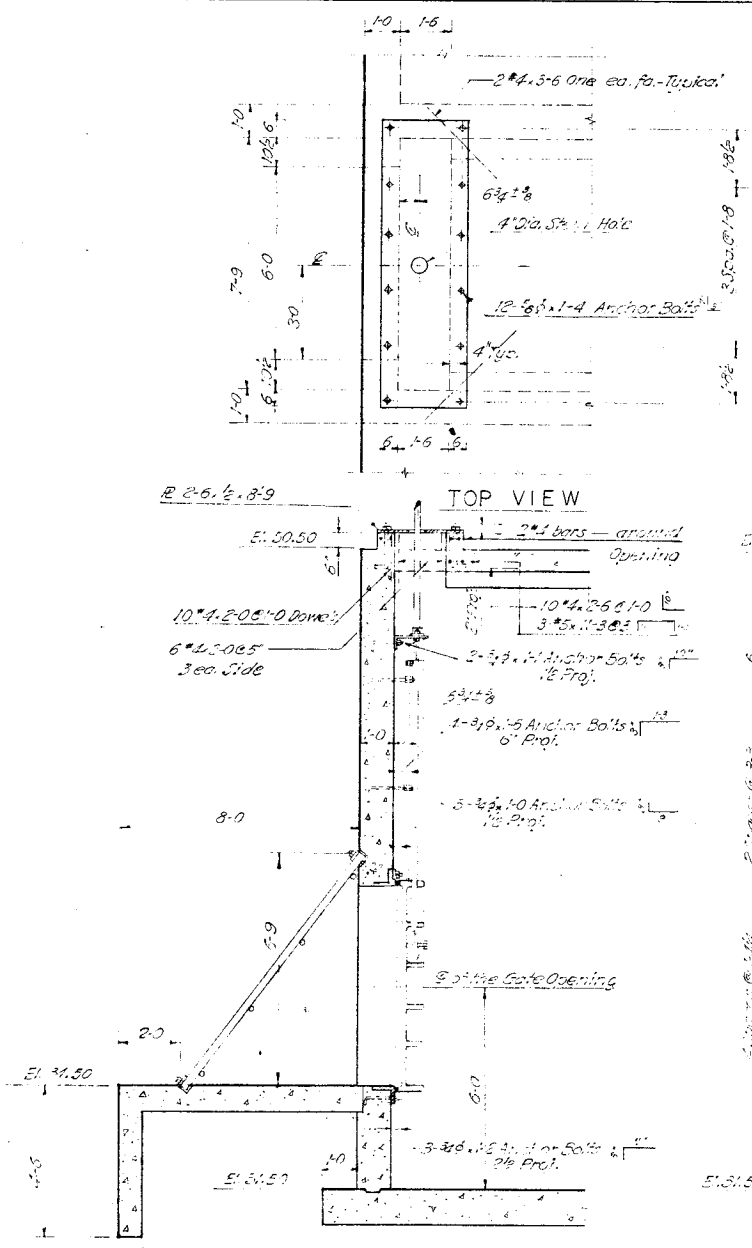
Scale 1/2"=1'-0"



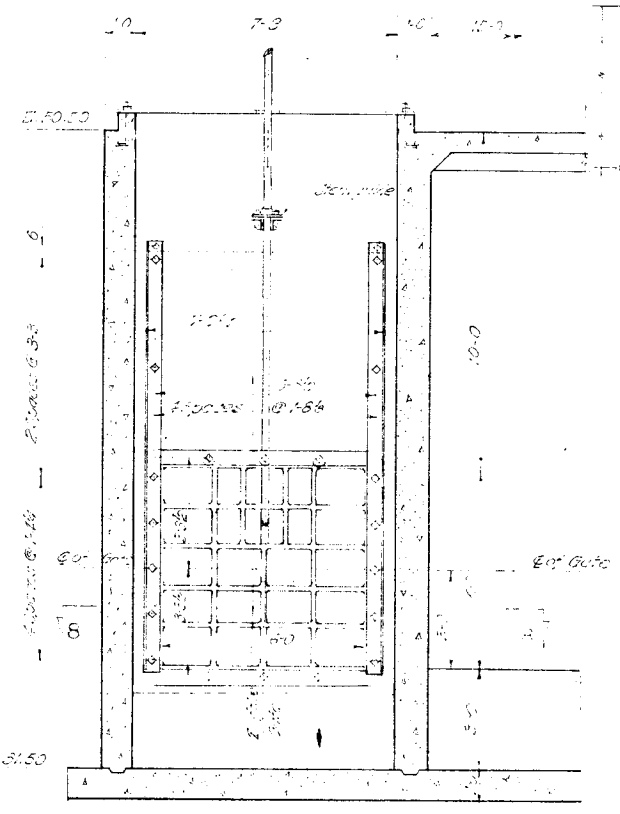
TYPICAL SPREADER-TIE

One req'd ea. 16 sq. ft. wall

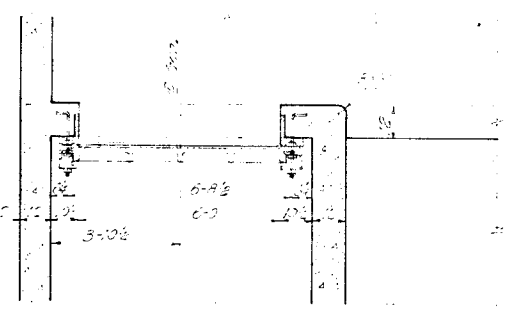
RECORD DRAWINGS		DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT			DEPARTMENT OF THE AIR FORCE	
SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS			HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION AFCEH WASHINGTON 25, D. C.	
DESIGNED	TARASYN		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS	
DRAWN	TARASYN		FLOOD PUMPING STATION	
CHECKED	BOND		STRUCTURAL	
SUBMITTED			DETAIL & SECTIONS	
Reviewed and approval recommended			AF Project No. AF-67	
Date	11/17/55		FHA Project No.	
Approved	Mot / T / 1955		Date	12 OCTOBER 1955
Date	MAY 1 1956		Sheet No. 149 of 207	



SECTION 7-7

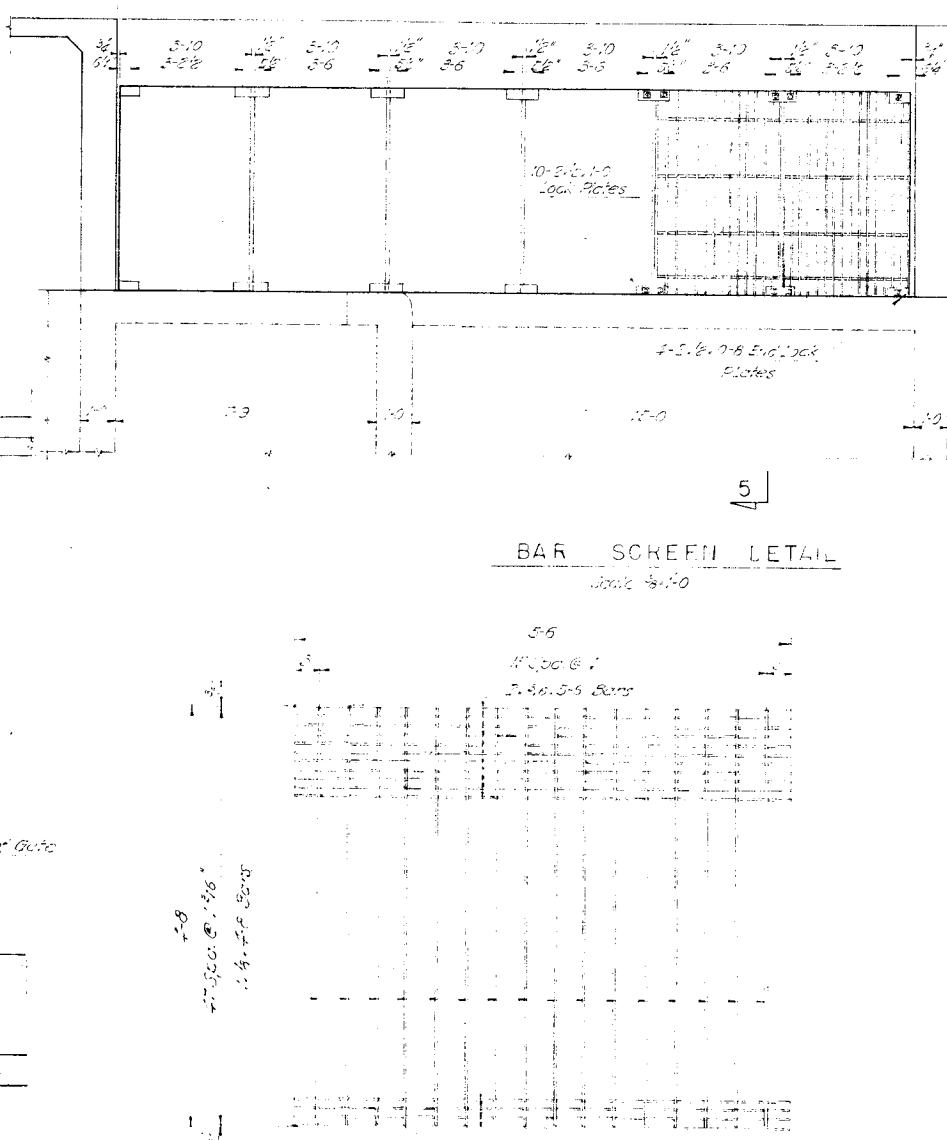


SLIDE GATE ELEVATION

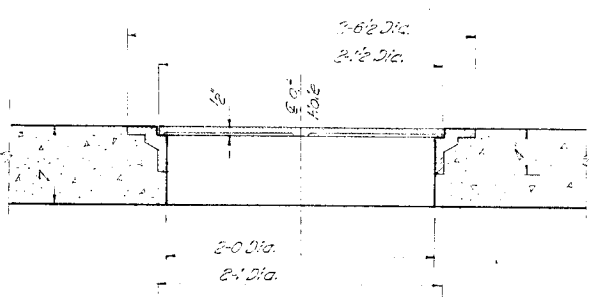


SECTION 2-8

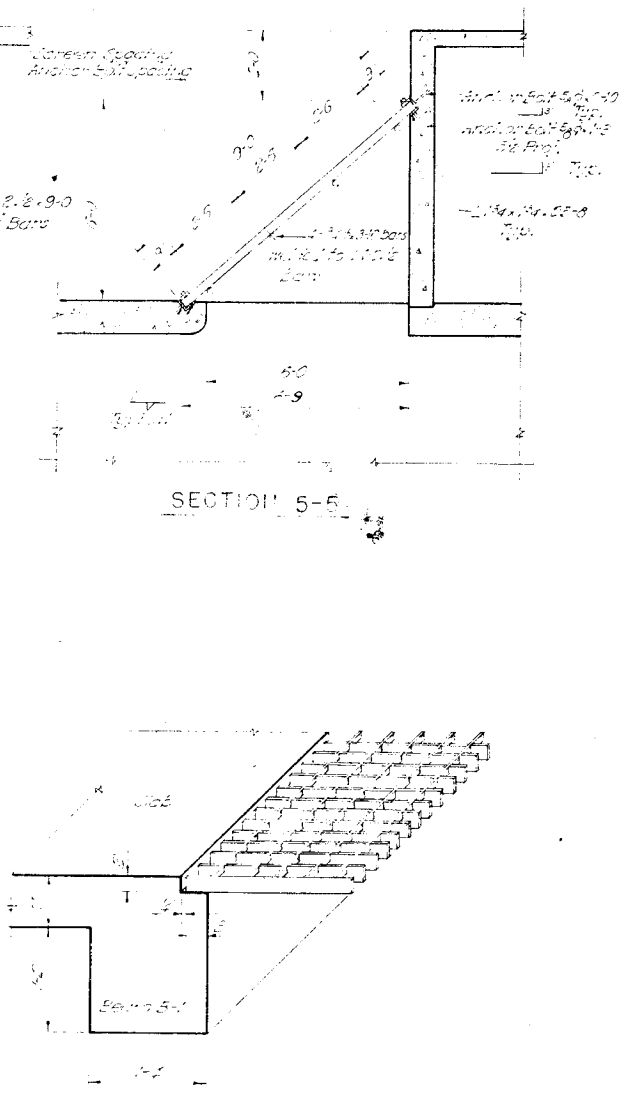
7'-7 1/2" SLIDE GATE & ANCHOR BOLT DETAILS
Scale 3/8" = 1'-0"



BAR SCREEN DETAIL
Scale 3/8" = 1'-0"



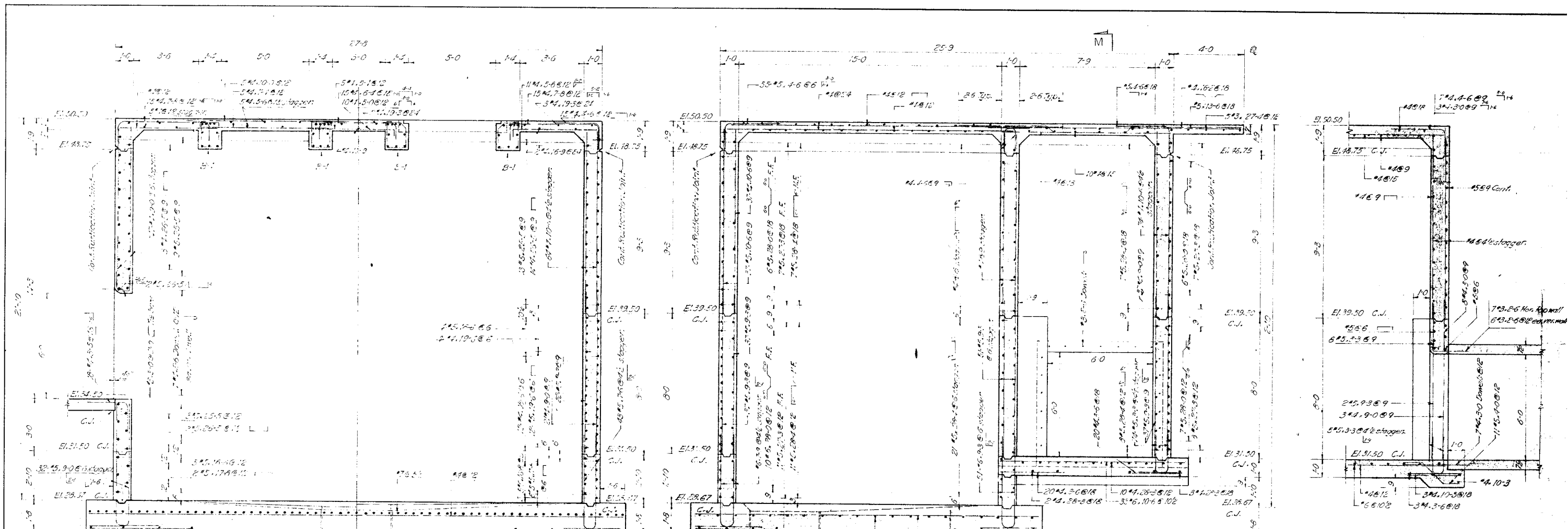
TYPICAL SECTION THRU MANHOLE COVER
Scale 1/8" = 1'-0"



SECTION 5-5

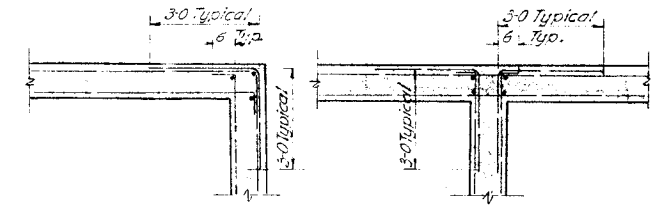
GRATING DETAIL, 2 REQUIRED
Scale 1/8" = 1'-0"

RECORD DRAWINGS		DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT			DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS			FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS	
DESIGNED TARASYN			FLOOD PUMPING STATION STRUCTURAL DETAIL & SECTIONS	
DRAWN TARASYN				
CHECKED BOND				
SUBMITTED				
L.M. Van Doren ARCHITECT-ENGINEER			AF Project No. AF-47	
Reviewed and approval recommended				
Date			FHA Project No. 102-B1001A5-AIR NO 1	
Approved			Date 12 OCTOBER 1955	
Date			Sheet No. 150 of 207	



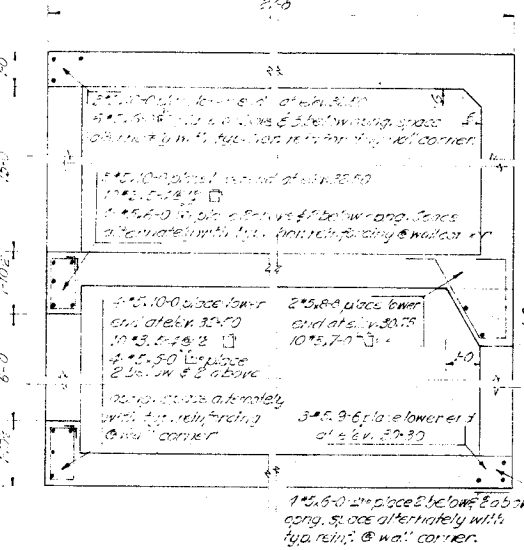
SECTION M-M
Scale 3/4"=1'-0"

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



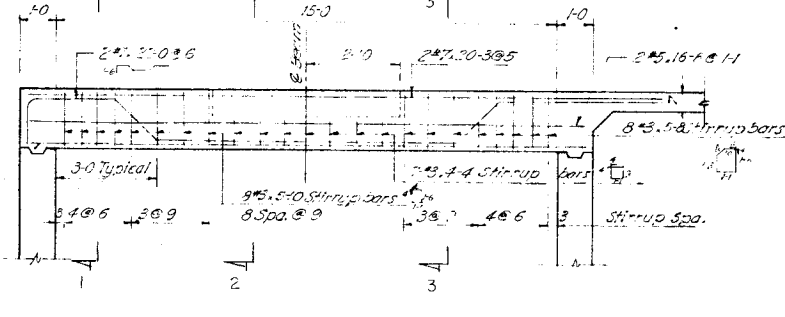
TYPICAL HORIZONTAL REINFORCING AT WALL CORNERS
Note: Corner bars are the same size and spacing as horizontal bars

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



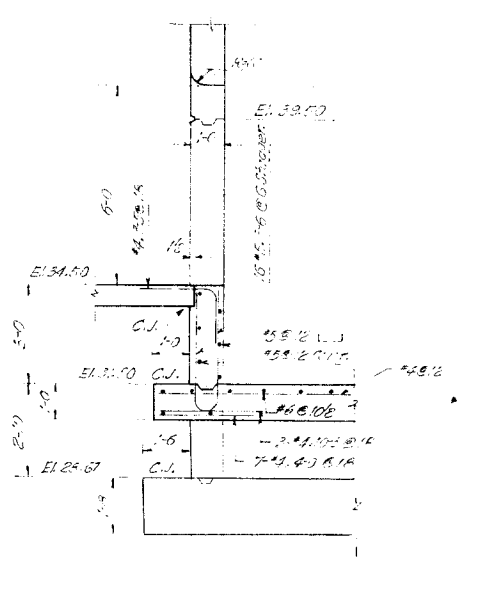
SECTION I-I
Scale 3/4"=1'-0"

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



REINFORCING FOR BEAM EN
Scale 3/4"=1'-0"

SECTIONS
1-1 2-2 3-3

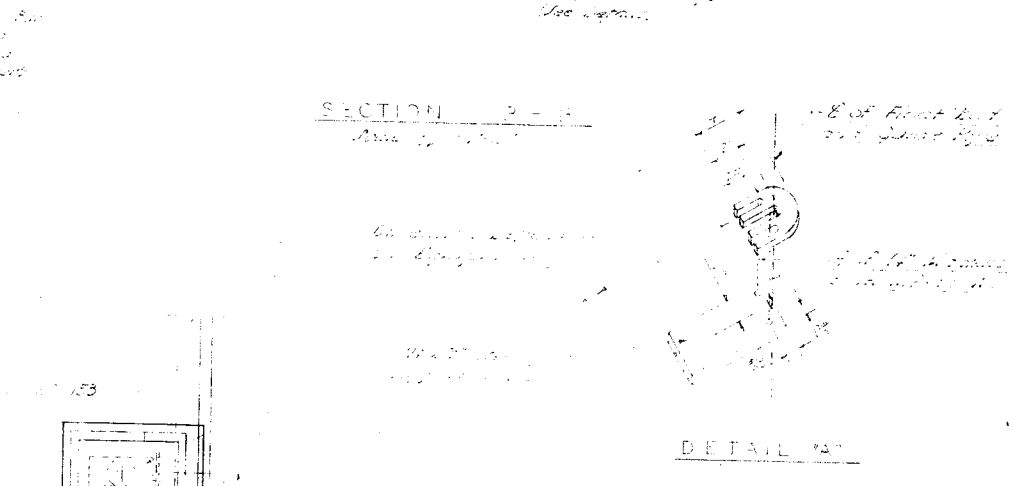
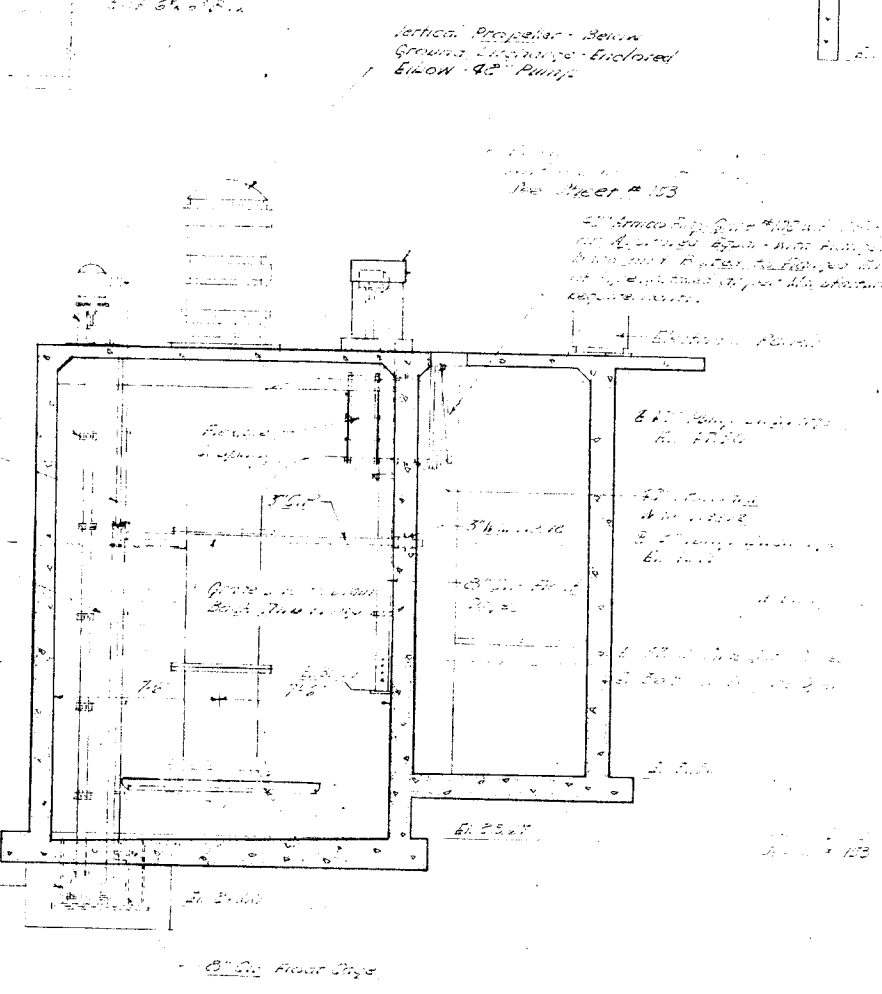
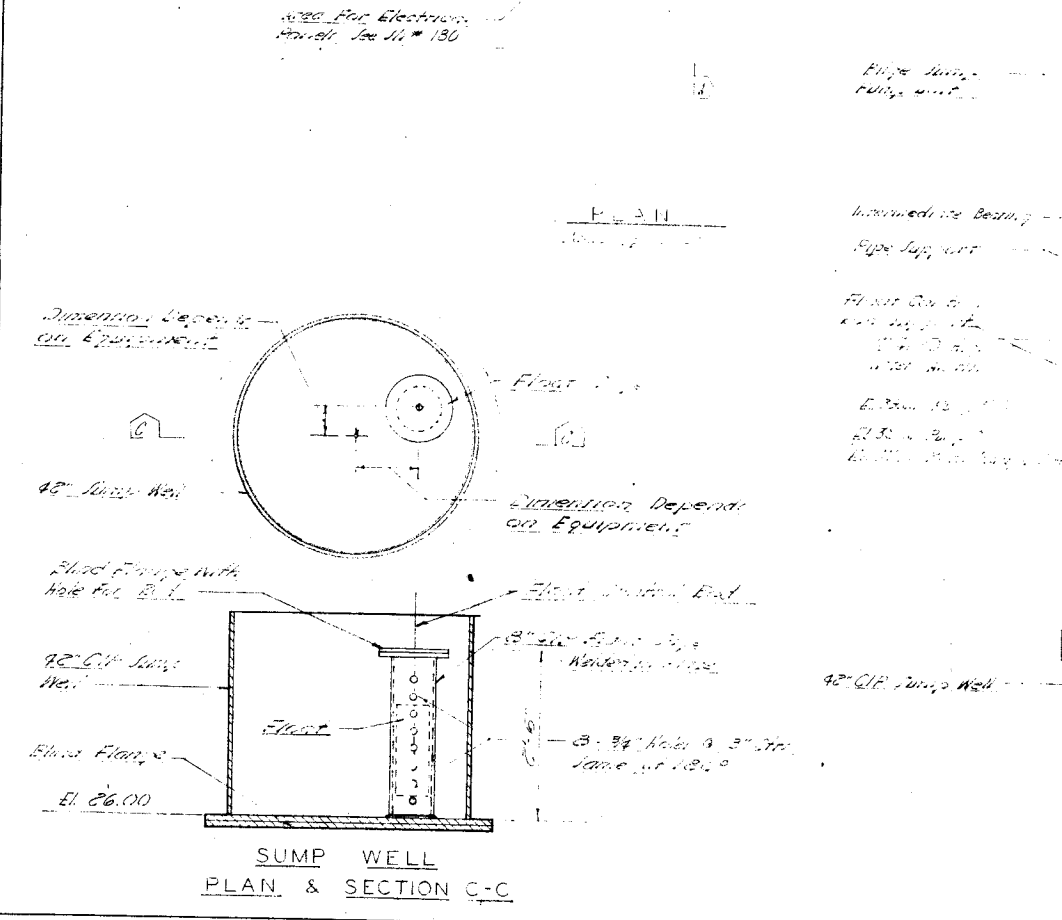
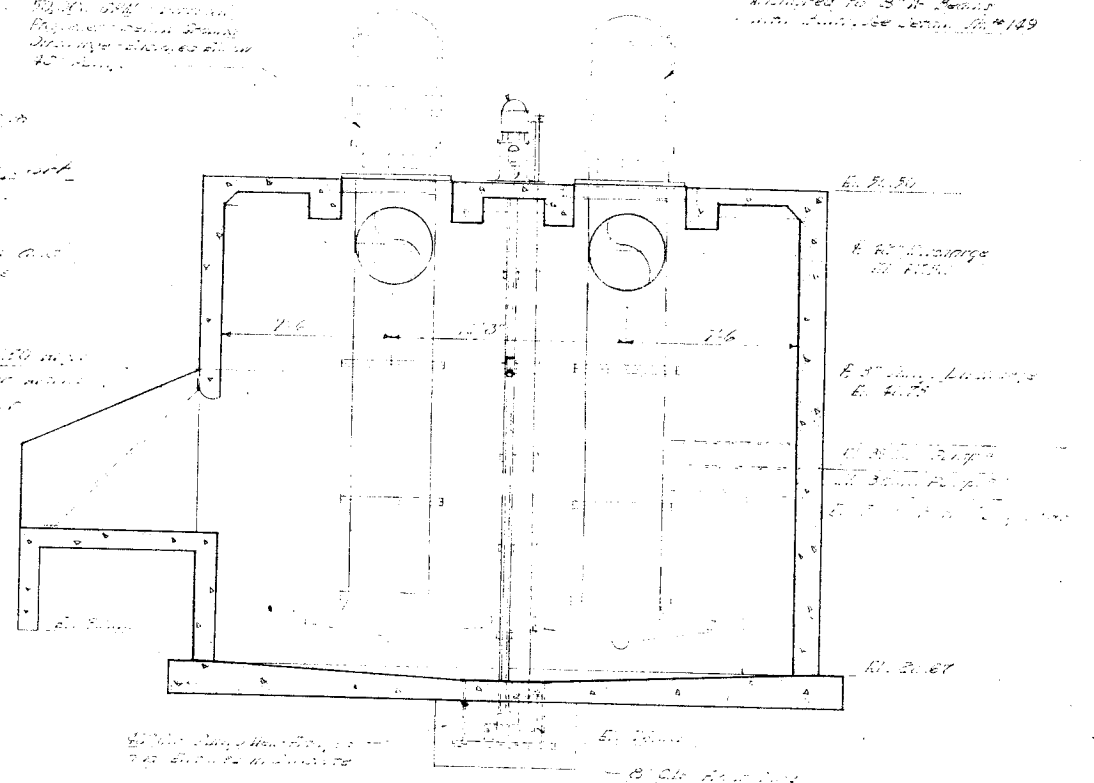
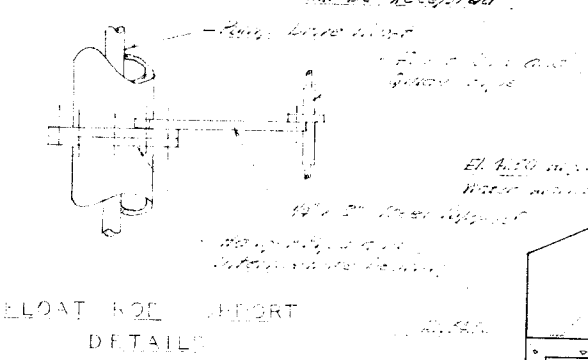
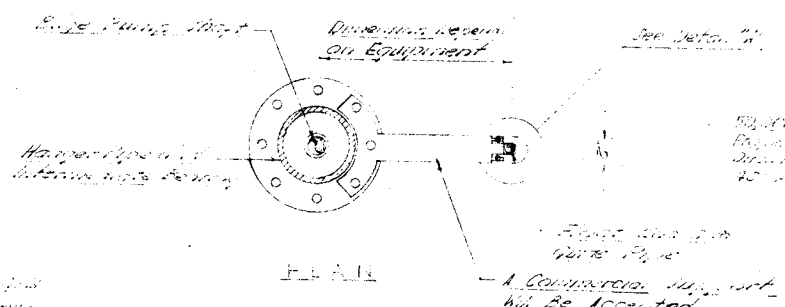
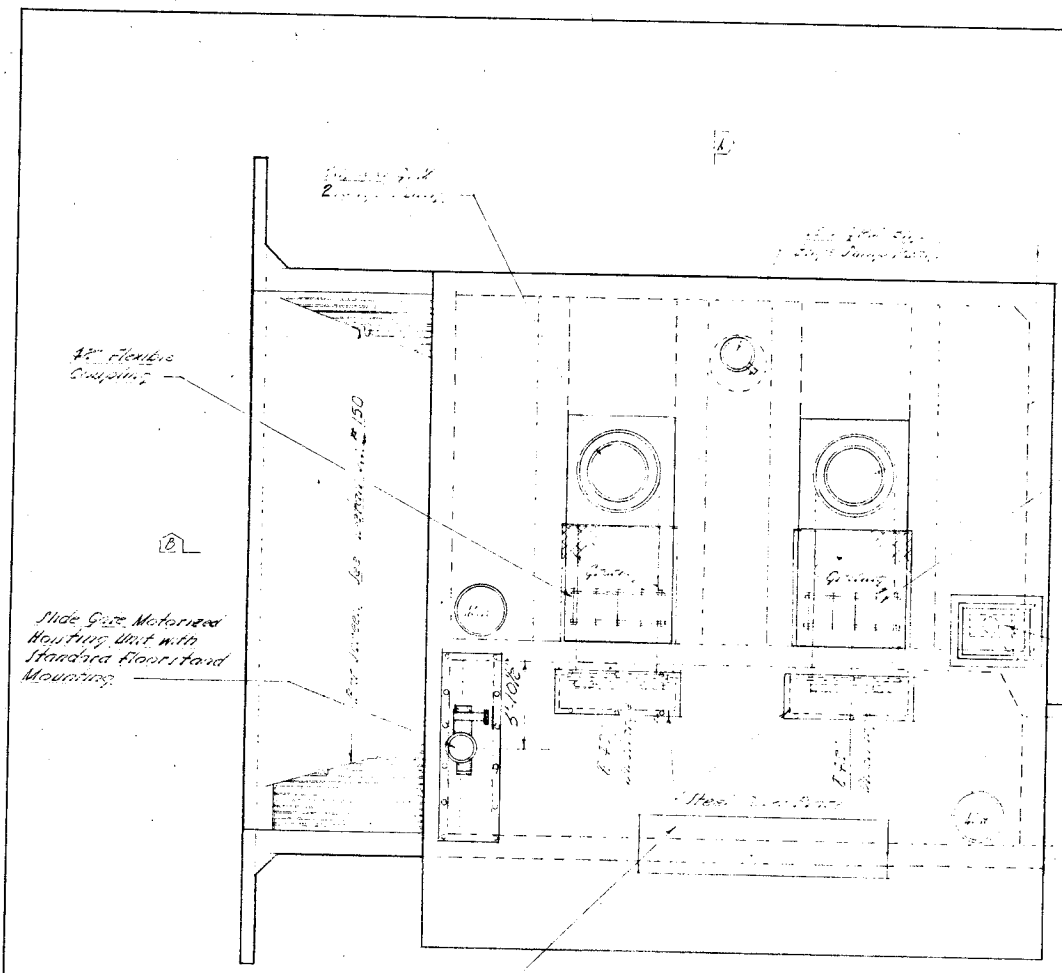


SECTION K-K
Scale 3/4"=1'-0"

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED		TARASYN			
DRAWN		TARASYN			
CHECKED		BOND			
SUBMITTED		L.M. Van Doren		ARCHITECT-ENGINEER	
REVIEWED AND APPROVAL RECOMMENDED		J.E. D. [Signature]		DEPUTY IEO	
APPROVED		M. J. [Signature]			
DATE		MAY 1 1956			
DESIGNED BY		CAPT. MORAY T. HOARD		Contracting Officer USAF	
PROJECT		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS			
SUBJECT		FLOOD PUMPING STATION STRUCTURAL SECTIONS			
PROJECT NO.		AF Project No. AF-47			
DRAWING NO.		PMA Project No. 102-B1001AS-AIR NO. 1			
DATE		OCTOBER 12 1955			
SHEET NO.		151 of 207			

15' and 24" 3" Pipe
Pumps with float chamber
see detail #1

System with 4" 1/2" 3" Pipe
with 4" 1/2" 3" Pipe
Installed to 3" 1/2" Pump
with float chamber detail #149



REVISION	DATE	DESCRIPTION	INITIAL

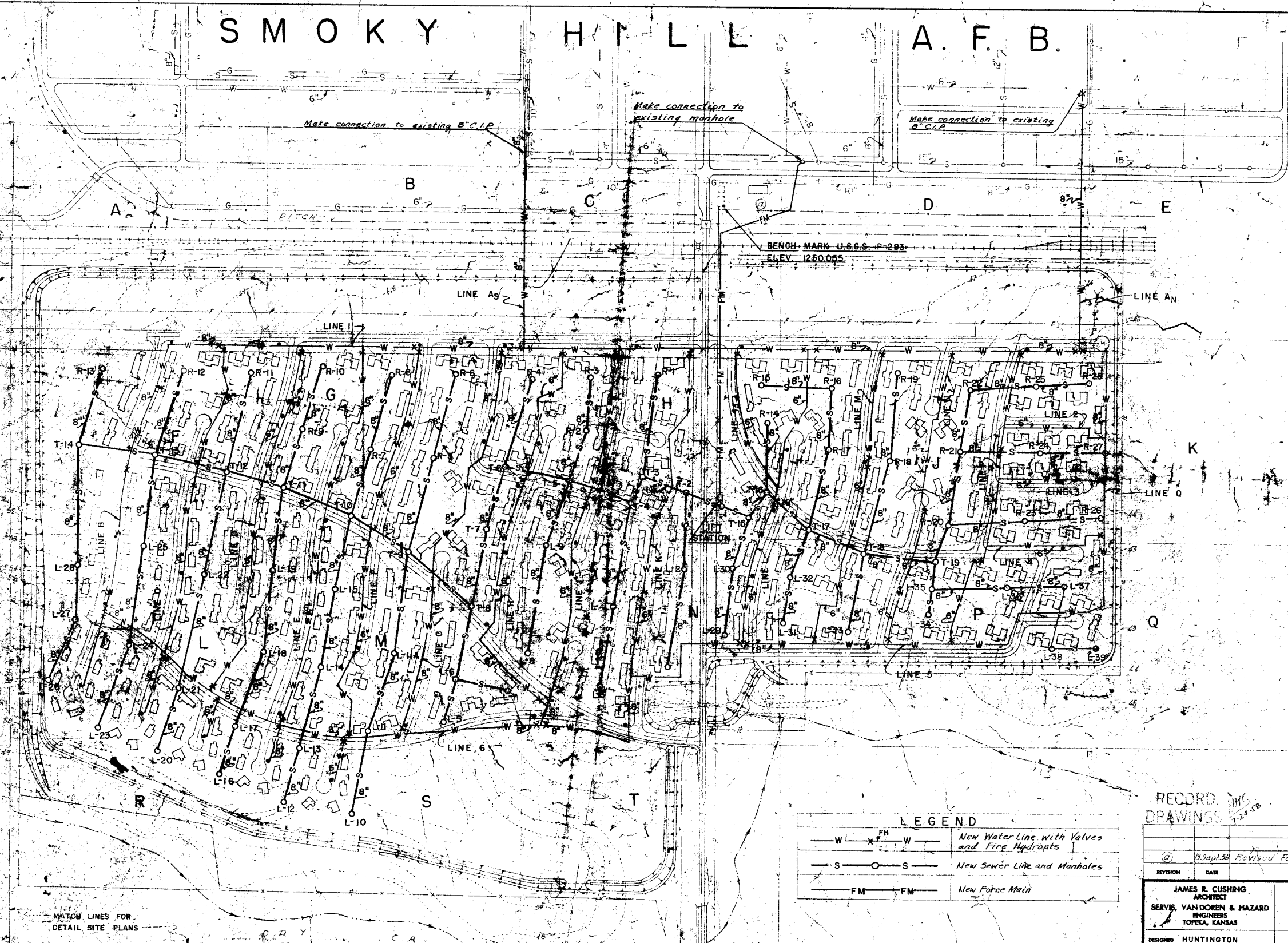
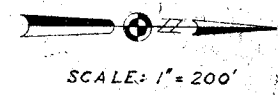
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED: STALLINGS DRAWN: MCDOWELL CHECKED: STALLINGS SUBMITTED:	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS MECHANICAL PLAN & DETAILS
Reviewed and approval recommended Date: 10/12/55 Approved: [Signature]	AF Project No. AF-67 FHA Project No. 102-B001AS-AIR NO. 1 Date: 12 OCTOBER 1955 Sheet No. 152

FLAT CHAMBER
DETAIL #1

SECTION A-A
Date 10/12/55

SUMP WELL
PLAN & SECTION C-C

SMOKY HILL A.F.B.



LEGEND

— W —	— S —	— FM —	New Water Line with Valves and Fire Hydrants
— S —	— S —	— FM —	New Sewer Line and Manholes
— FM —	— FM —	— FM —	New Force Main

RECORD DRAWINGS

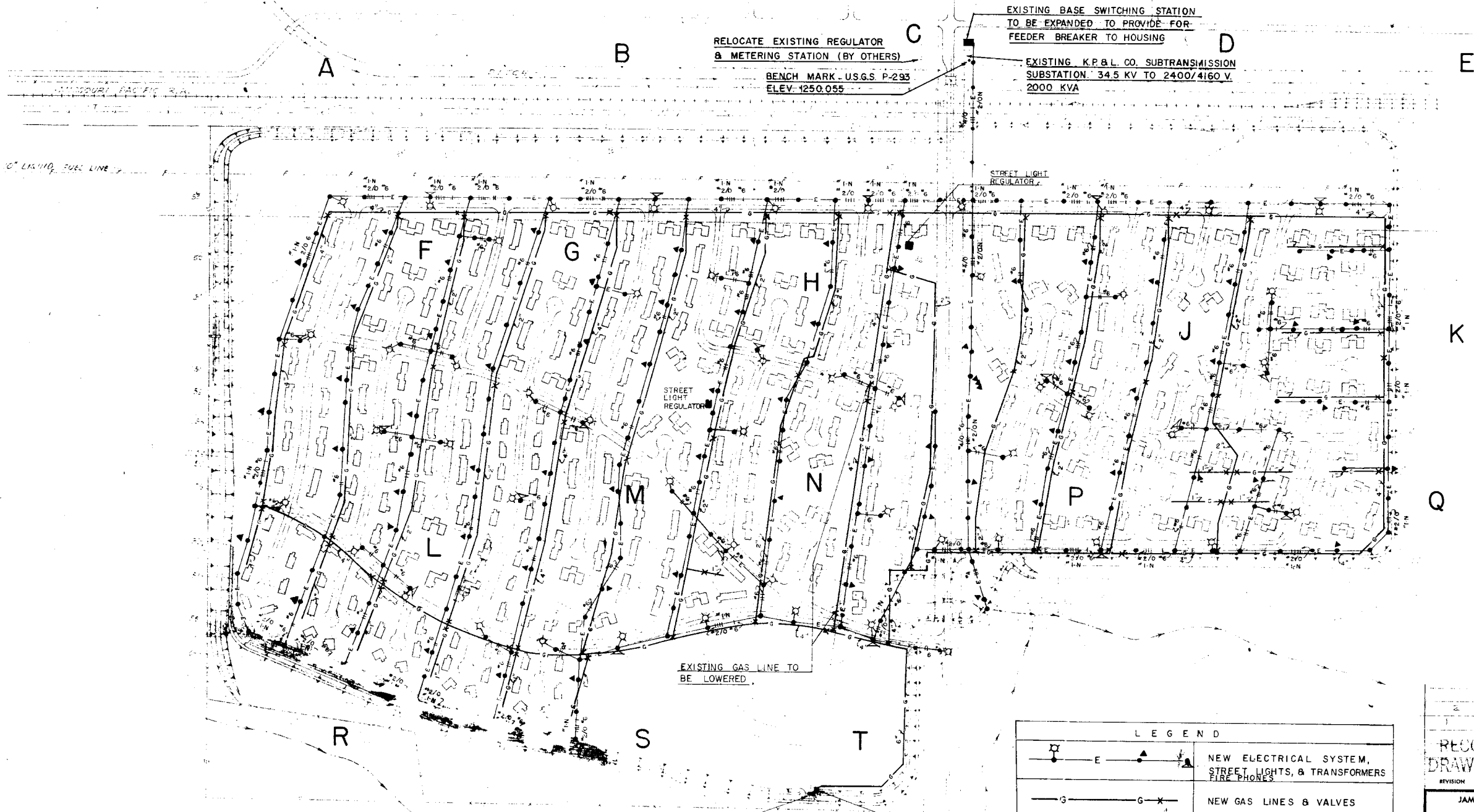
REVISION	DATE	DESCRIPTION	INITIAL
①	13 Sept 56	Revised Force Main Location	J.M.S.

ARCHITECT JAMES R. CUSHING SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D.C.
DESIGNED HUNTINGTON DRAWN CARON CHECKED SWANSON SUBMITTED J.M. Van Doren ARCHITECT-ENGINEER	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS GENERAL SITE PLAN WATER DISTRIBUTION & SANITARY SEWER SYSTEMS
Revising and approval recommended Date Approved Date	AF Project No. AF-57 FIA Project No. 102-B1001AS-AIR N01 Date 12 OCTOBER 1956 L.W. MURPHY, T. BOARD Contracting Officer, USAF Sheet No. 154 of 207

S M O K Y H I L L A. F. B.



SCALE: 1" = 200'



RELOCATE EXISTING REGULATOR
& METERING STATION (BY OTHERS)

BENCH MARK - U.S.G.S P-293
ELEV. 1250.055

EXISTING BASE SWITCHING STATION
TO BE EXPANDED TO PROVIDE FOR
FEEDER BREAKER TO HOUSING

EXISTING K.P. & L. CO. SUBTRANSMISSION
SUBSTATION 34.5 KV TO 2400/4160 V.
2000 KVA

EXISTING GAS LINE TO
BE LOWERED.

RELOCATED REGULATOR
& METERING STATION
(BY OTHERS)

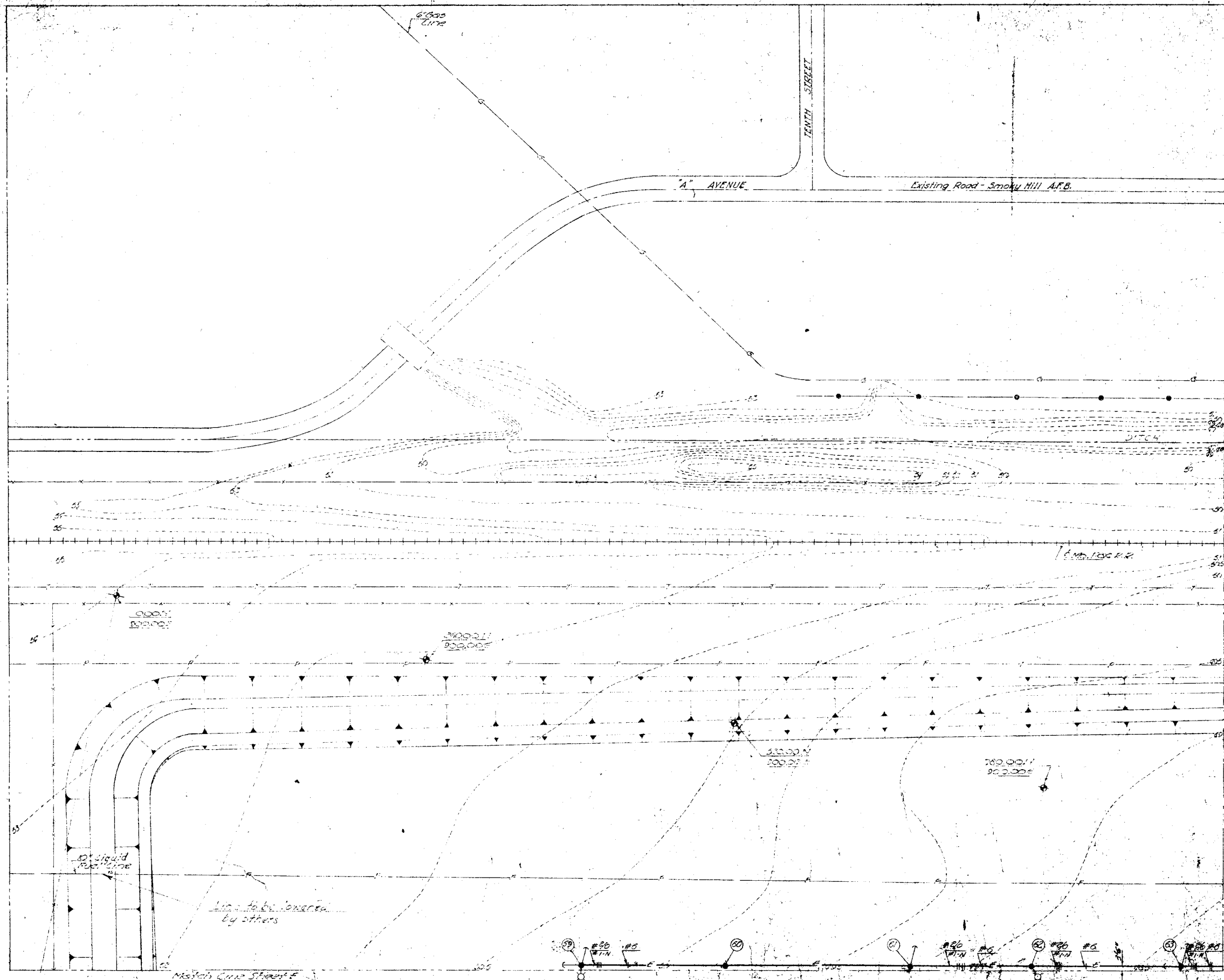
NEW REGULATOR &
METERING STATION
FOR HOUSING AREA

LEGEND	
	NEW ELECTRICAL SYSTEM, STREET LIGHTS, & TRANSFORMERS FIRE PHONES
	NEW GAS LINES & VALVES

NOTE: ONLY PRIMARY ELECTRICAL DISTRIBUTION
AND STREET LIGHTING SYSTEM
INDICATED ON THIS PLAN.

MATCH LINES FOR
DETAIL SITE PLANS

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
DESIGNED: UNREIN - HUNTINGTON DRAWN: CARON		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS			
CHECKED: UNREIN - HUNTINGTON SUBMITTED:		GENERAL SITE PLAN ELECTRICAL AND GAS DISTRIBUTION SYSTEMS			
Reviewed and approval recommended: Date: <i>[Signature]</i> Approved: <i>[Signature]</i>		AF Project No. AF-67 FHA Project No. 102-800IAS-AIR NO. 1 Date: 12, OCTOBER 1955 Sheet No. 155.7 of 207			



SCALE 1" = 40'

LEGEND:

● F.H.	New water distribution system, fire hydrants and valves.
— G — X	New gas distribution system and valves.
— S — O — S	Sewer system and manholes.
— FM — FM	New force main.
⊕ — E — ⊕	Electrical distribution system and street lighting & transformer.
⊕	Pole identification (1" = 40')
⊕	Electrical service drop.
⊕ — W — ⊕	Water service line & street valve.
⊕ — G — ⊕	Gas service line & street valve.
⊕ — S — ⊕	Sewer service line and manhole.
⊕	Existing structure.
⊕	Existing sanitary manhole.
— G —	Existing gas line.
— S —	Existing sewer line.
— W —	Existing water line.
— T —	Existing telephone line.
— P —	Existing power line.
— F —	Existing liquid fuel line.
— SI —	Existing contour lines.
⊕	New structures.
⊕	New dike.

RECORD DRAWINGS		DATE: 7-27-58	
DESIGNED BY: HUNTINGTON	DESIGNED FOR: DEPARTMENT OF THE AIR FORCE	PROJECT: FAMILY HOUSING PROJECT	NO. 123456
DRAWN BY: BENZ	ENGINEER: SERVIS, VANDOREN & HAZARD	LOCATION: SMOKY HILL AIR FORCE BASE	TOPEKA, KANSAS
CHECKED BY: SWANSON	PROJECT: FAMILY HOUSING PROJECT	DETAIL: WATER, SANITARY, SEWER, GAS & ELECTRIC SYSTEMS	SECTION SHEET
APPROVED BY: [Signature]	APPROVED BY: [Signature]	DATE: MAY 21 1958	DATE: []

EIGHTH STREET

SCALE: 1" = 40'
For LEGEND See Section Sheet "A"

Existing Road Smoky Hill AFB "A" AVENUE

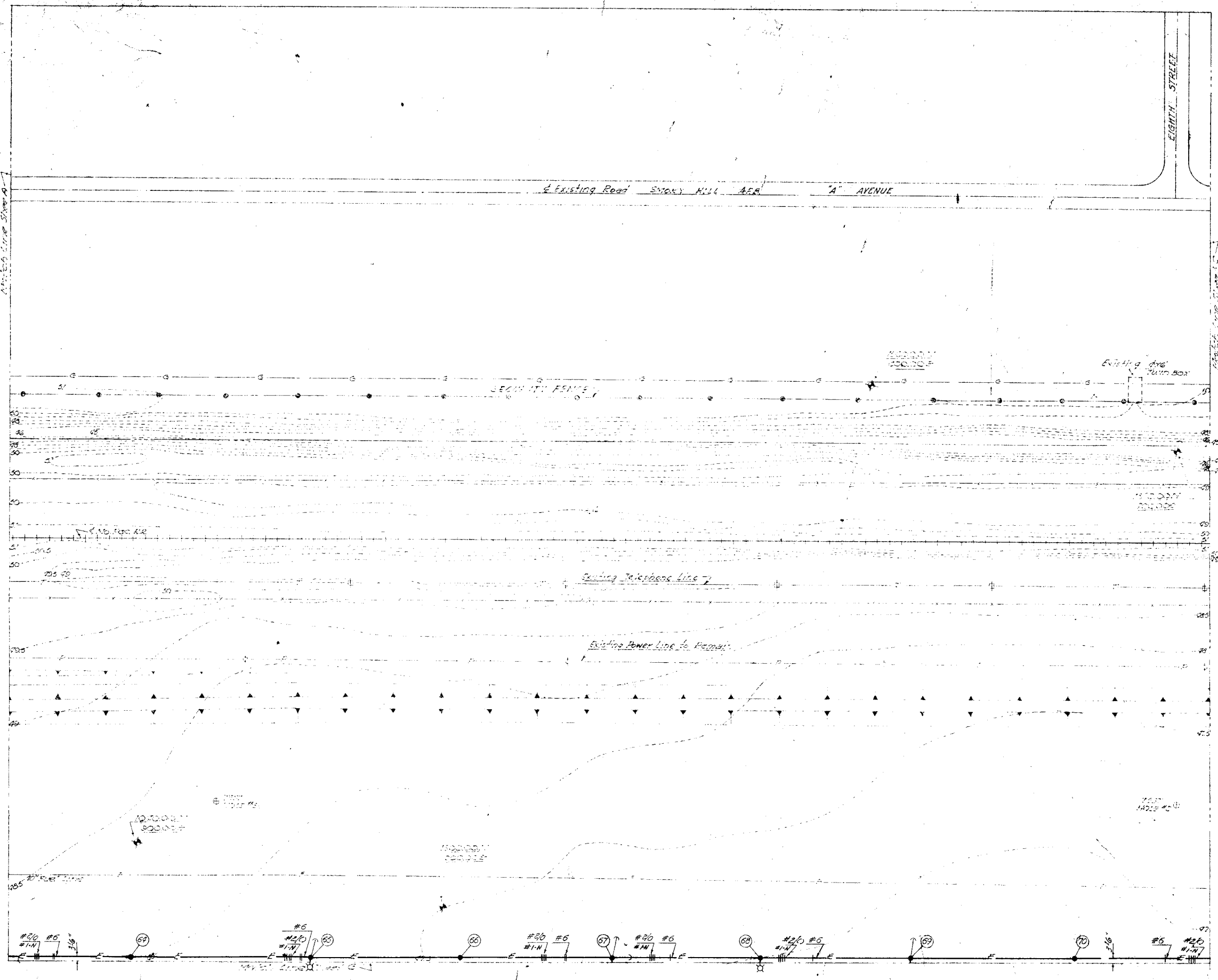
SECURITY FENCE

Existing drive

Existing Telephone line

Existing Power line to remain

ALFRED STREET



RECORD DRAWINGS		DESCRIPTION	
REVISION	DATE	DESCRIPTION	INITIALS
JAMES R. CUSHING ARCHITECT		DEPARTMENT OF THE AIR FORCE	
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
DESIGNED	HUNTINGTON	FOR FAMILY HOUSING PROJECT	
DRAWN	BENZ	SMOXY HILL AFB, KANSAS	
CHECKED	SWANSON	DETAIL SITE PLANS	
SUBMITTED	L. M. Van Doren ARCHITECT-ENGINEER	WATER, SANITARY SEWERS GAS & ELECTRIC SYSTEMS	
Reviewed and approved recommended		SECTION SHEET "B"	
Date	MAY 10 1956	AP Project No. AF-47	
Approved	MORAY T. BOARD	PHS Project No. J02-60045-AIR ENCL	
Date	MAY 16 1956	Date	12 OCTOBER 1955
	CAPT. MORAY T. BOARD Contracting Officer, USAF	Sheet No.	127 of 207

SCALE: 1" = 40'

For LEGEND see section sheet "A"

Make connection to existing Manhole See Profile for Details

Flexible pavement: remove & replace with pavement similar & equal to existing.

Existing switching station modified for additional breakers for 3450/4160 V. 3 phase, 4 wire feeder to family housing area.

Remove existing bend, install 8x8x6 Tee and connect new line.

Flexible pavement: remove & replace with pavement similar & equal to existing.

Existing Kansas Power & Light Co. Substation - 2000 KVA.
Existing Regulator and Metering Station to be Relocated by Others

Bench Mark - U.S.G.S. P-293 Elev. 1250.055

Install 50' long encasement pipe

Install 60' long encasement pipe

Existing Power Line Encasement

Existing 8" Gas Line

RECORD DRAWINGS

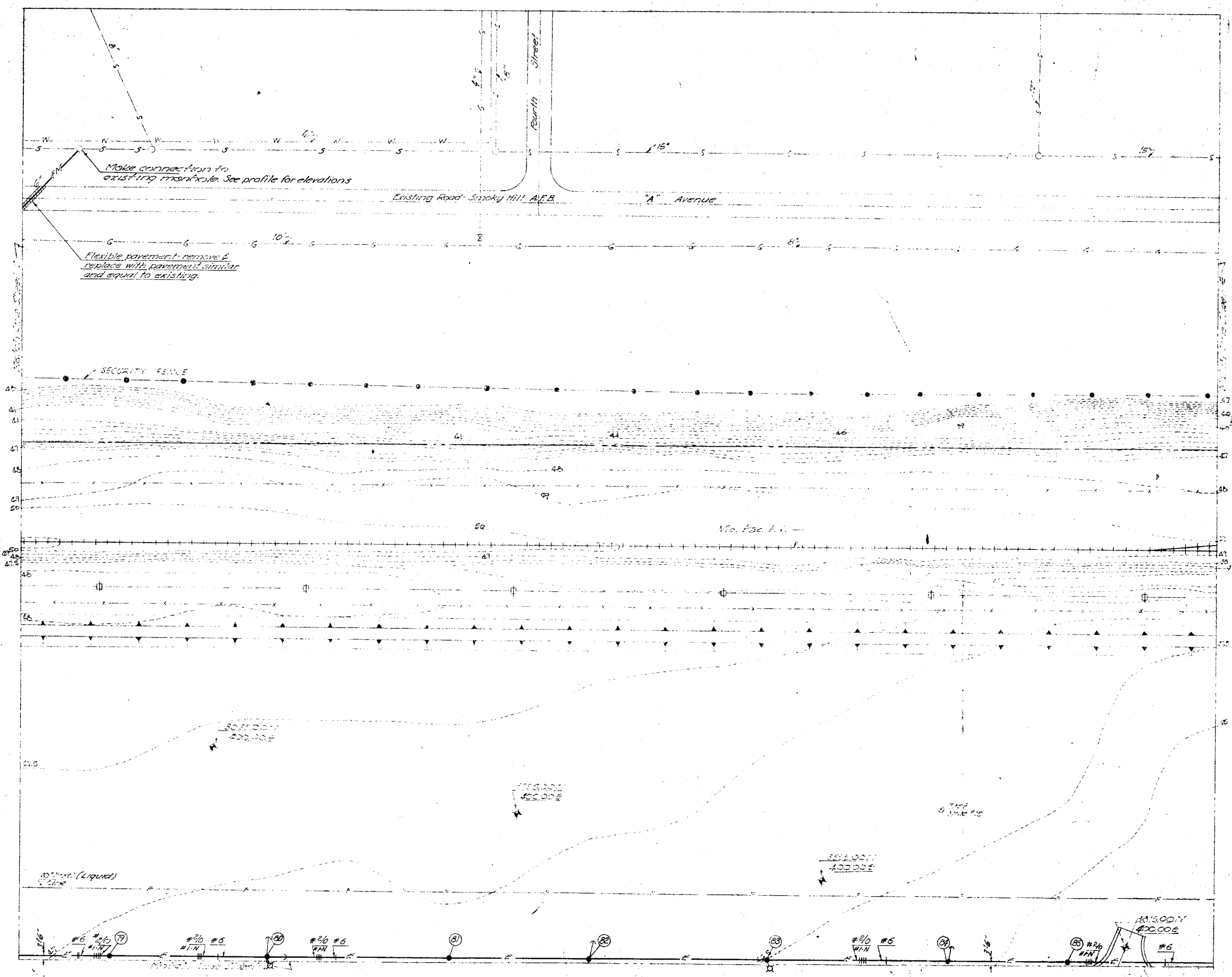
REVISION	DATE	DESCRIPTION	BY
1	13 Sept 56	Revised Force Main Location	JA

DESIGNED	HUNTINGTON	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY SEWERS, GAS & ELECTRIC SYSTEMS SECTION SHEET "C"
DRAWN	BENZ	
CHECKED	SWANSON	
SUBMITTED		
APPROVED	<i>L.M. Van Doren</i> ARCHITECT-ENGINEER	AF Project No. AF-67
APPROVED	<i>Murray T. Hoard</i> CAPT. MORAY T. HOARD Contracting Officer, USAF	PHA Project No. IO2-BIOOIAS-417
DATE	MAY 11 1956	Date 12 OCTOBER 1955
		Sheet No. 158 of 207

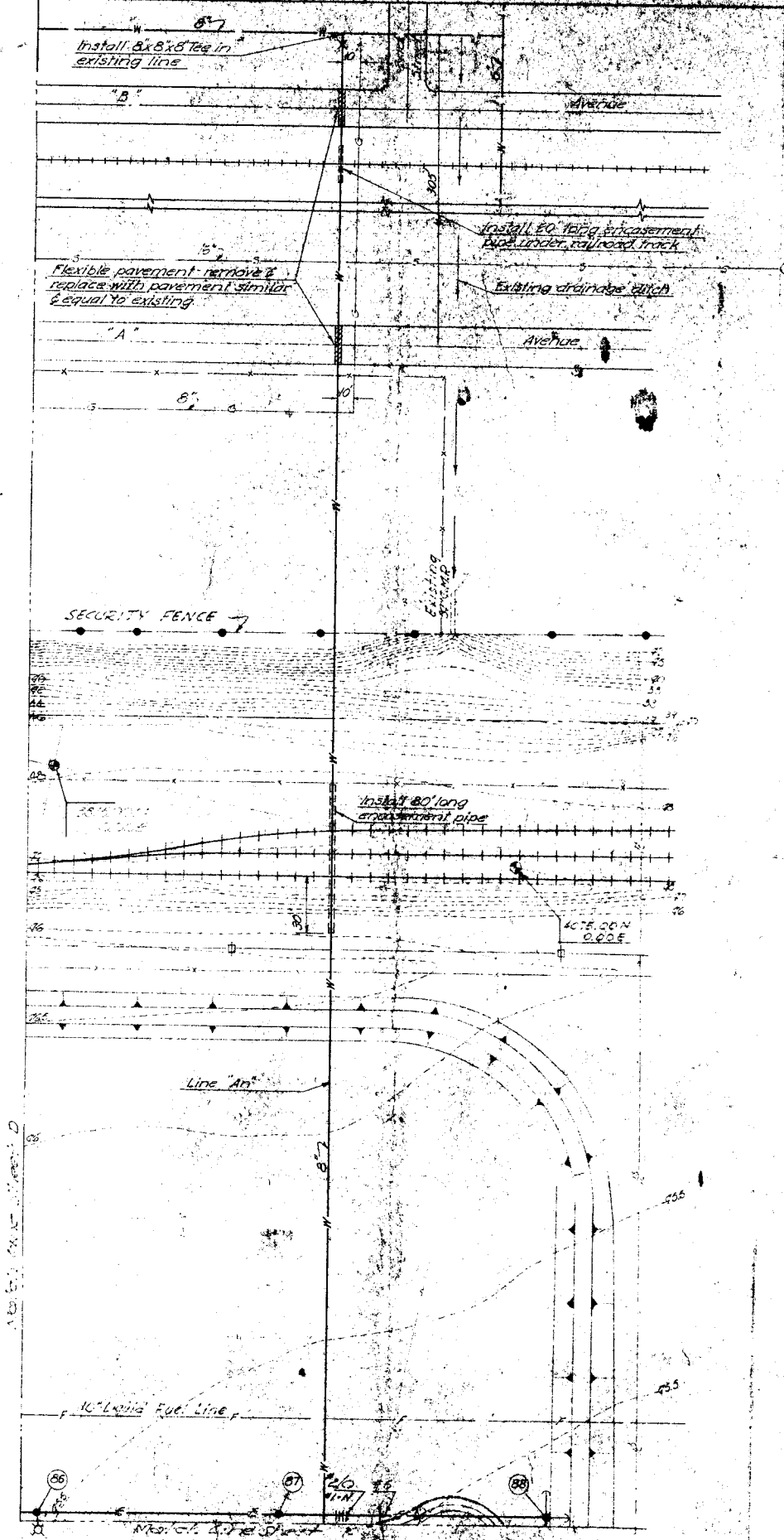


SCALE: 1"=40'

For LEGEND See Section Sheet "A"



RECORD DRAWINGS		DATE	DESCRIPTION	BY/APP'D
JAMES R. CLISHING ARCHITECT			DEPARTMENT OF THE AIR FORCE	
SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS			HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
DESIGNED	HUNTINGTON		FAMILY HOUSING PROJECT	
DRAWN	BENZ		FOR	
CHECKED	SWANSON		SHOOKY HILL AFB, KANSAS	
SUBMITTED	L. M. Van Down		DETAIL SITE PLANS	
			WATER, SANITARY SEWERS,	
			GAS & ELECTRIC SYSTEMS	
			SECTION SHEET "D"	
Reviewed and approved (recommended)	MAY 10 1956		AS Project No. AF-07	
	MAY 10 1956		PLA Project No. 102-8101AS-AIR MO 1	
	MAY 10 1956		Date 18 OCTOBER 1956	
	MAY 10 1956		Sheet No. 109 of 203	



SCALE: 1"=30'

For LEGEND See Section Sheet "A"

RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	BY
JAMES R. CUSHING ARCHITECT 1015 W. 10th St. TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS/ENGINEER AIR FORCE DIRECTORATE OF FACILITIES SUPPORT PARKY HOLLAND OFFICE WASHINGTON 25, D. C.			
DESIGNED	HUNTINGTON	FAMILY HOUSING PROJECT FOR SMOKEY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY, SEWERS GAS & ELECTRIC SYSTEMS SECTION SHEET "E"			
DRAWN	BENZ				
CHECKED	SWANSON				
APPROVED	<i>L.M. Van Doren</i> ARCHITECT				
APPROVED	<i>Walt</i> Deputy CEO	AF Project No. AF-67			
DATE	MAY 10 1956	PMA Project No. 102-210018-100			
APPROVED	<i>Moray T. Hoard</i> CAPT. MORAY T. HOARD Contracting Officer	Date: 27 OCTOBER 1955			
DATE	MAY 10 1956	Sheet No. 100			



Building Limit Lines
 SCALE: 1" = 40'
 For LEGEND, See Section Sheet 'A'

RECORD DRAWINGS		DESCRIPTION	REVISION
DESIGNED BY	HUNTINGTON	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS WATER, SANITARY SEWERS, GAS & ELECTRIC SYSTEMS SECTION SHEET "F"	DATE
DRAWN BY	MC MAHON		DATE
CHECKED BY	SWANSON		DATE
APPROVED BY	<i>L. M. Van Down</i>		DATE
APPROVED BY	<i>Samuel J. Wood</i>		DATE
DATE	MAY 10 1956	AF Project No. AF-47	
APPROVED BY	<i>Moray T. Hoard</i>	FNA Project No. 102-8001AS-AIR NO 1	
DATE	MAY 10 1956	DATE	12 OCTOBER 1955
	CAPT. MORAY T. HOARD Contracting Officer USAF	Sheet No. 161 of 207	



1560.00V
900.00F

SCALE: 1" = 40'

For LEGEND See Section Sheet "A"

Install Triplex Cable for Remote Control of Street Light Regulator on Pole F-13 from Street Light Circuit on Pole H-10. See Sheet 143 of 207. Connect messenger to Neutral, 1# Conductor to Secondary, 2# & 1# Conductor to #6 Control Conductor at Pole F-15.

1# & 2# in Secondary Marks for Street Light Regulator Control.

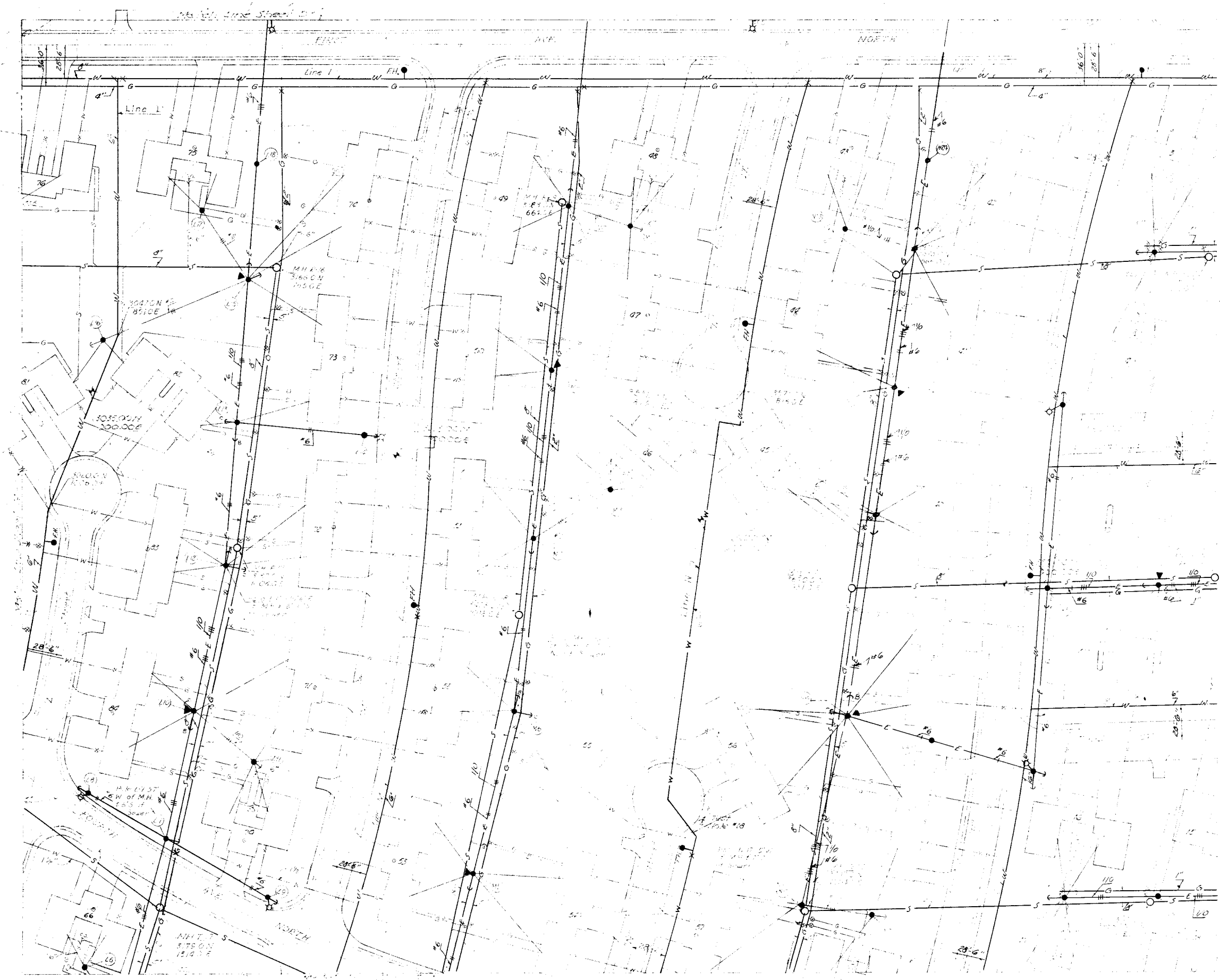
RECORD DRAWINGS		DATE	DESCRIPTION	INITIAL
DESIGNED	HUNTINGTON		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY SEWERS, GAS & ELECTRIC SYSTEMS SECTION SHEET "G"	
DRAWN	MC MAHON			
CHECKED	SWANSON			
SUBMITTED	<i>L.M. Van Doren</i>			
Reviewed and approval recommended	<i>J. B. Small</i>			
Approved	<i>Moray T. Hoard</i>	12 OCTOBER 1955	AF Project No. AF-67	
Date	MAY 18 1955		FHA Project No. J02-8100AS-WR NO. 1	
	CAPT MORAY T. HOARD Contracting Officer USAF			Sheet No. 162 of 207



RECORDED
DRAWING

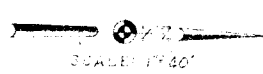
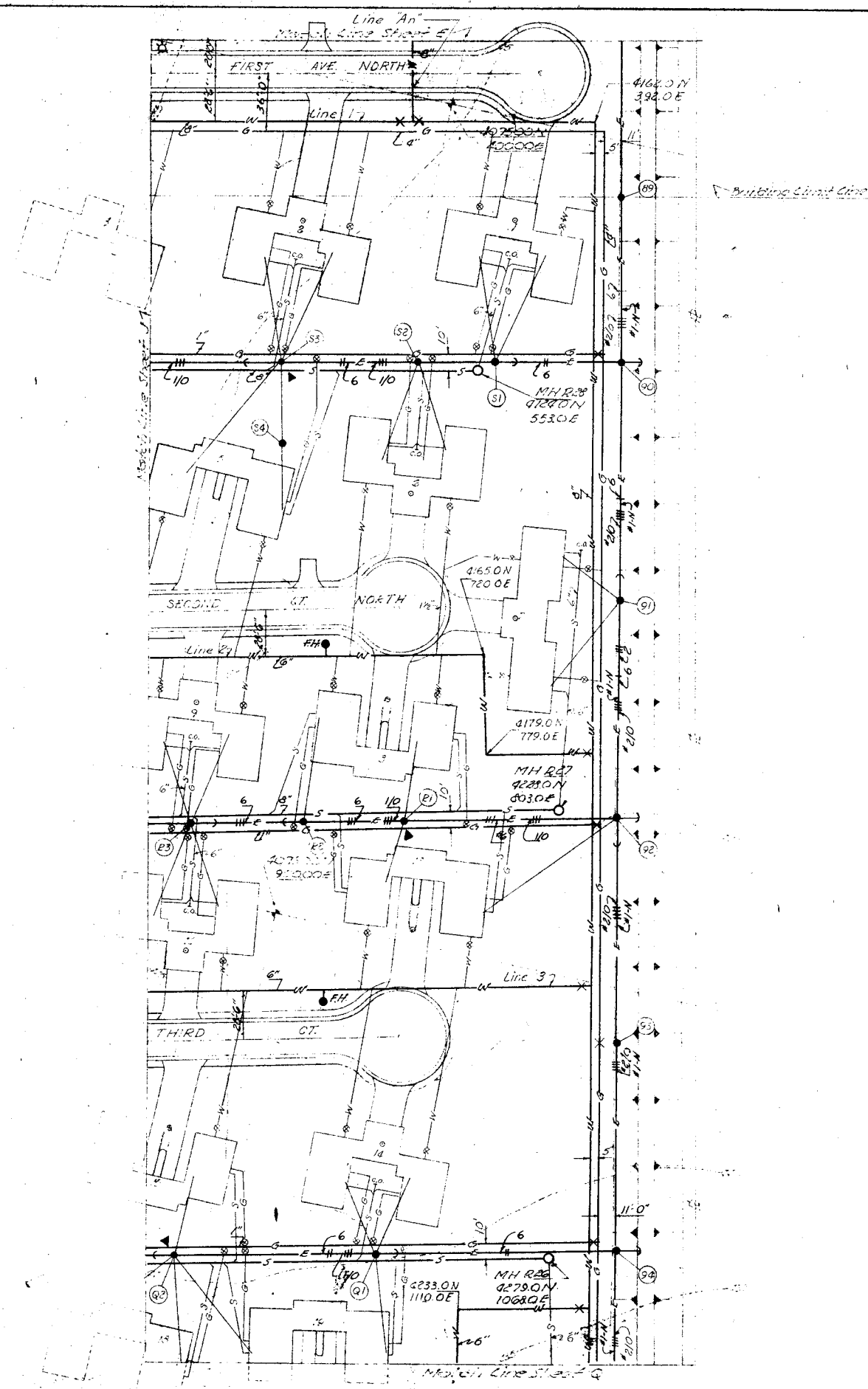
REVISION	DATE	DESCRIPTION	INITIAL

<p>JAMES R. CUSHING ARCHITECT</p> <p>SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p> <p>DESIGNED: HUNTINGTON DRAWN: MC MAHON CHECKED: SWANSON SUBMITTED: <i>L.M. Van Doren</i> ARCHITECT-ENGINEER</p> <p>Reviewed and approval recommended</p> <p>Date: _____ Approved: _____ Date: _____</p>	<p style="text-align: center;">DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.</p> <p style="text-align: center;">FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY SEWERS, GAS & ELECTRIC SYSTEMS SECTION SHEET "H"</p> <p style="text-align: right;">AF Project No. AF-67</p> <p style="text-align: right;">FHA Project No. 102-BIOOIAS-AIR NO 1</p> <p style="text-align: right;">Date 12 OCTOBER 1955</p> <p style="text-align: right;">Sheet No. 163 of 207</p>
---	---



RECORD DRAWINGS

REVISION	DATE	DESCRIPTION	INITIAL
<p>JAMES R. CUSHING ARCHITECT</p> <p>SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p> <p>DESIGNED: HUNTINGTON DRAWN: BREWER CHECKED: SWANSON SUBMITTED: <i>S.M. Vandoren</i> ARCHITECT-ENGINEER</p> <p>Reviewed and approval recommended: _____</p> <p>Date: _____ Approved: _____</p>			
<p>DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.</p> <p>FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY SEWERS, GAS & ELECTRIC SYSTEMS SECTION SHEET "J"</p> <p>AF Project No. AF-57</p> <p>FHA Project No. 102-BIOOIAS-AIR NC</p> <p>Date: 12 OCTOBER 1955</p> <p>Sheet No. 164 of 207</p>			



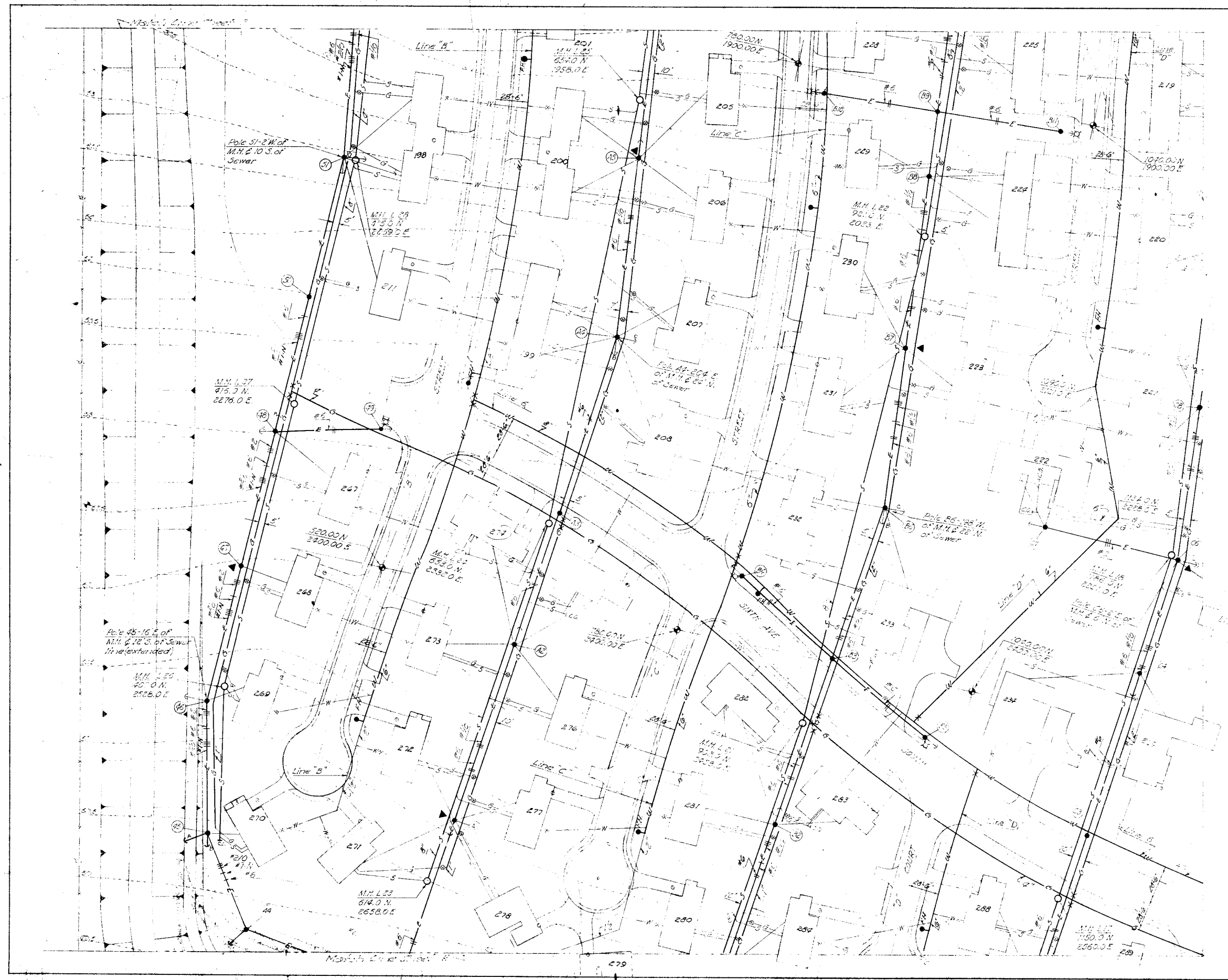
For LEGEND see Section Sheet 'A'

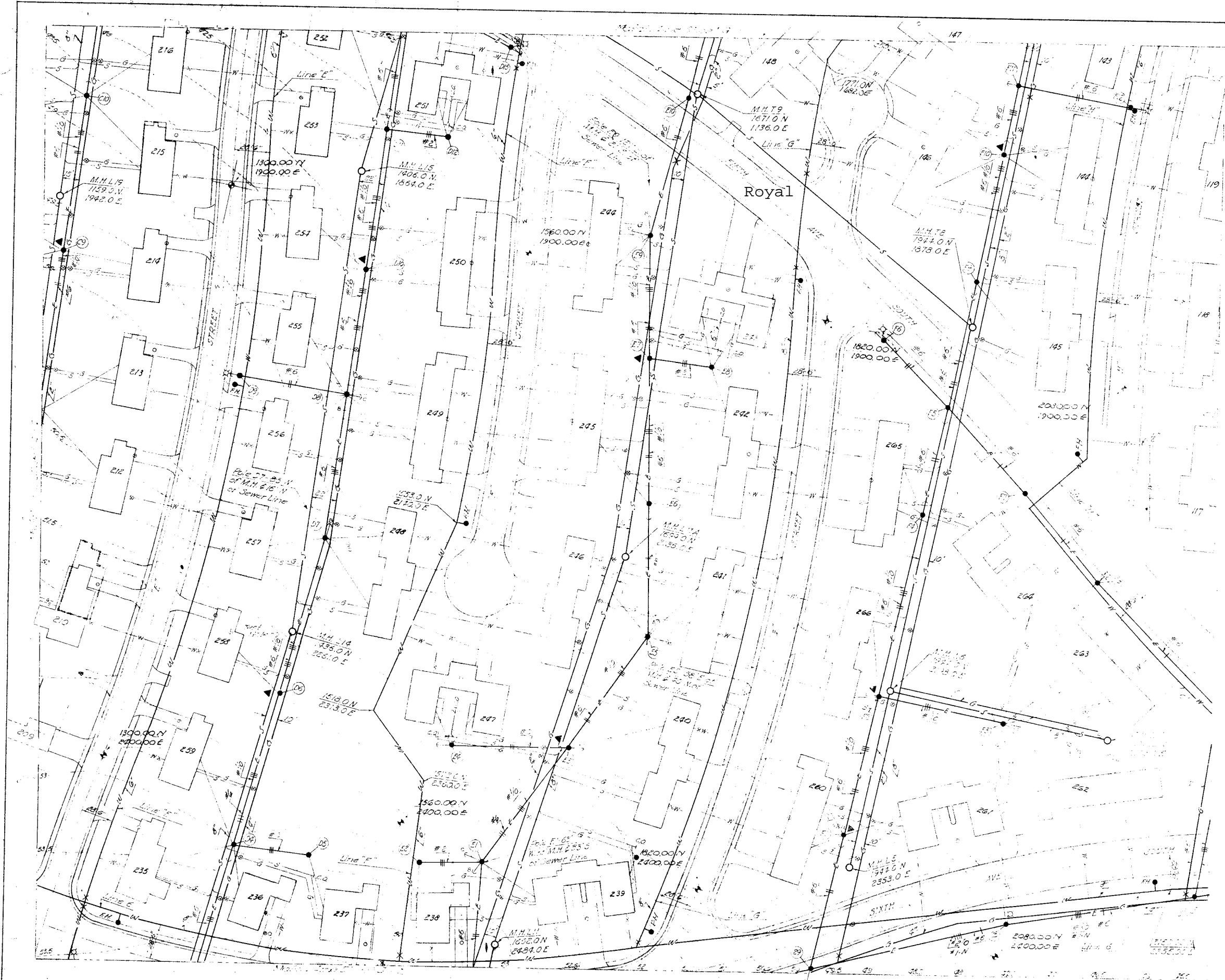
RECORD DRAWINGS		REVISION	DATE	DESCRIPTION	INITIAL
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.			
DESIGNED HUNTINGTON DRAWN BREWER CHECKED SWANSON SUBMITTED <i>L. M. Van Doren</i> ARCHITECT-ENGINEER		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY SEWERS, GAS & ELECTRIC SYSTEMS SECTION SHEET "K"			
Reviewed and approval recommended Date MAR 10 1955 Approved <i>Moray T. Board</i> Date MAR 10 1955		AF Project No. AF-67 FHA Project No. IO2-BIOOIAS-AIR NO 1 Date 12 OCTOBER 1955 Sheet No. 165 of 207			
CAPT MORAY T. BOARD Contracting Officer USAF					

For LEGEND See Section Sheet "A"

RECORD DRAWINGS

REVISION	DATE	DESCRIPTION	INITIAL
<p>JAMES R. CUSHING ARCHITECT</p> <p>SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p> <p>DESIGNED HUNTINGTON DRAWN BENZ CHECKED SWANSON SUBMITTED</p> <p><i>L. M. Van Horn</i> ARCHITECT ENGINEER</p> <p>Reviewed and approval recommended</p> <p>Date: _____ Approved: _____</p> <p>Date: NA Checked by: _____ Officer: _____</p>			
<p>DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.</p> <p>FOR FAMILY HOUSING PROJECT SMOKY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY SEWERS, GAS & ELECTRIC SYSTEMS SECTION SHEET "L"</p> <p>AF Project No. AF-57</p> <p>FHA Project No. 102-81001AS-AIR NO 1</p> <p>Date 12 OCTOBER 1955</p> <p>Sheet No. 166 of 207</p>			



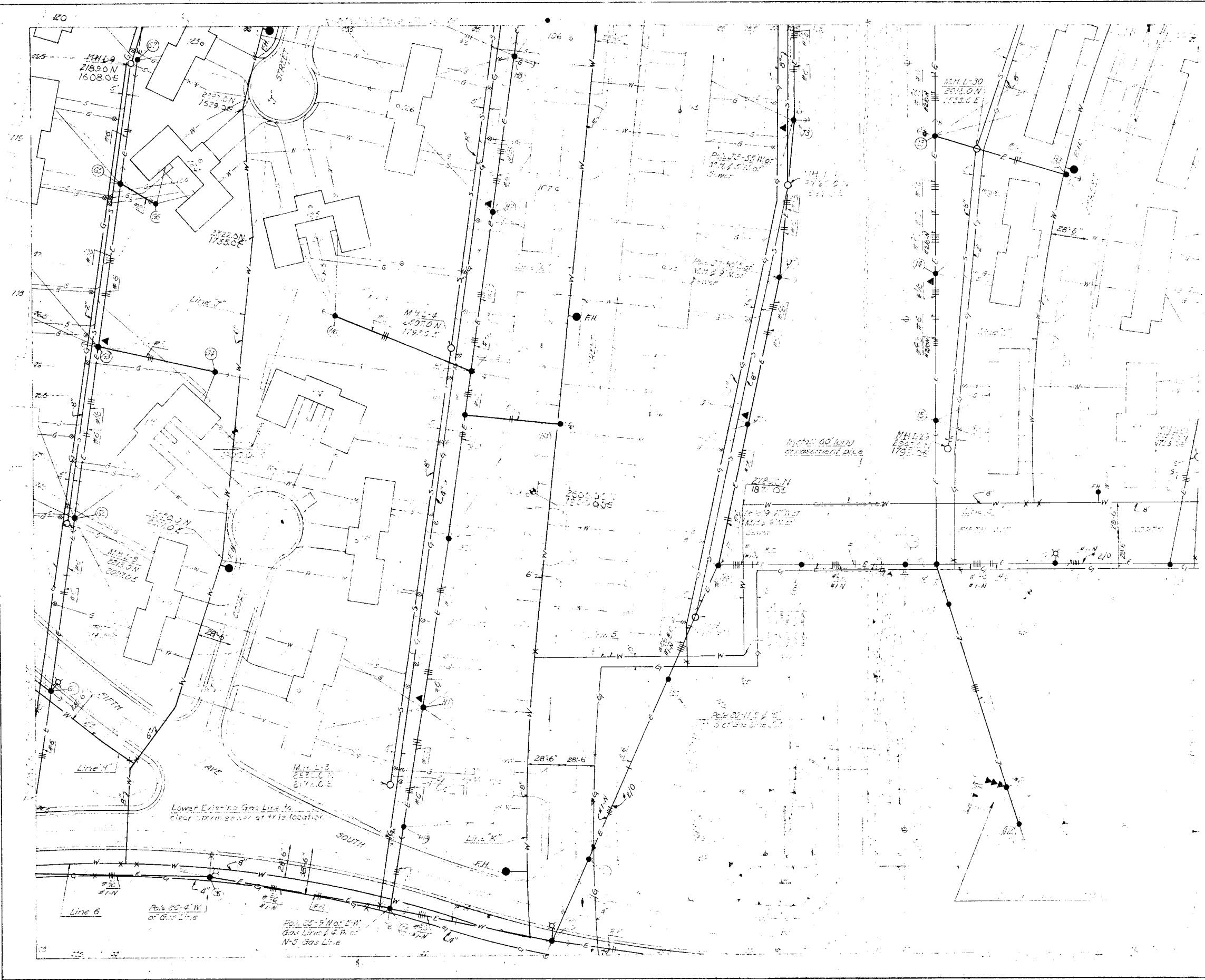


For LEGEND See Drawing Sheet "A"

RECORD DRAWINGS

REVISION	DATE	DESCRIPTION	INITIAL

<p>JAMES R. CUSHING ARCHITECT</p> <p>SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p> <p>DESIGNED: HUNTINGTON</p> <p>DRAWN: BENZ</p> <p>CHECKED: SWANSON</p> <p>SUBMITTED: <i>L.M. Vandoren</i> ARCHITECT-ENGINEER</p> <p>Reviewed and approval recommended: _____</p> <p>Date: _____</p> <p>Approved: _____</p> <p>Date: _____</p>	<p style="text-align: center;">DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.</p> <p style="text-align: center;">FOR FAMILY HOUSING PROJECT SMOKY HILL AFB, KANSAS DETAIL SITE PLANS WATER, SANITARY SEWERS GAS & ELECTRIC SYSTEMS SECTION SHEET "M"</p> <p style="text-align: right;">AF Project No. AF-67</p> <p style="text-align: right;">FHA Project No. IO2-BIOOIAS-AIR NO 1</p> <p style="text-align: right;">Date 12 OCTOBER 1955</p> <p style="text-align: right;">Sheet No. 167 of 207</p>
---	--



RECORD DRAWING

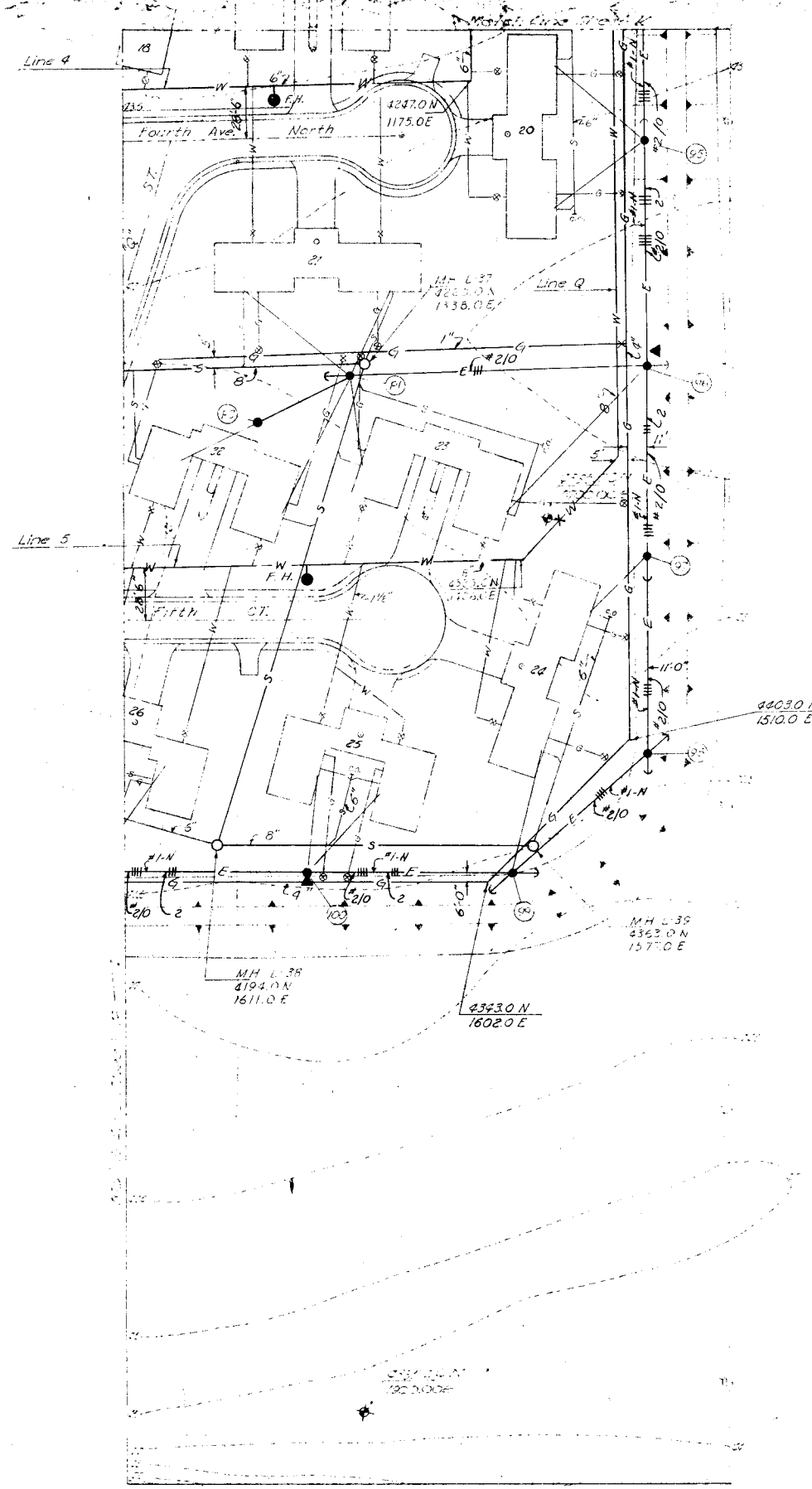
RECORD DRAWING

REVISION	DATE	DESCRIPTION
<p>JAMES R. CUSHING ARCHITECT</p> <p>SERVIS VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p> <p>DESIGNED: HUNTINGTON DRAWN: BENZ CHECKED: SWANSON SUBMITTED: <i>L. M. Swanson</i> ARCHITECT ENGINEER Reviewed and approval recommended</p>		
<p>DEPARTMENT OF THE AIR HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPLY FAMILY HOUSING DIVISION WASHINGTON 25, D. C.</p> <p>FAMILY HOUSING PRO FOR SMOKY HILL AFB, KANS DETAIL SITE PL WATER, SANITARY SI GAS & ELECTRIC SY SECTION SHEET AF Project No. AF-2</p>		
Date	12 OCT	FHA Project No. 102
Approved		Date
Date		Sheet No. 168



SCALE: 1" = 40'
 For LEGEND See Section Sheet A

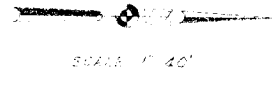
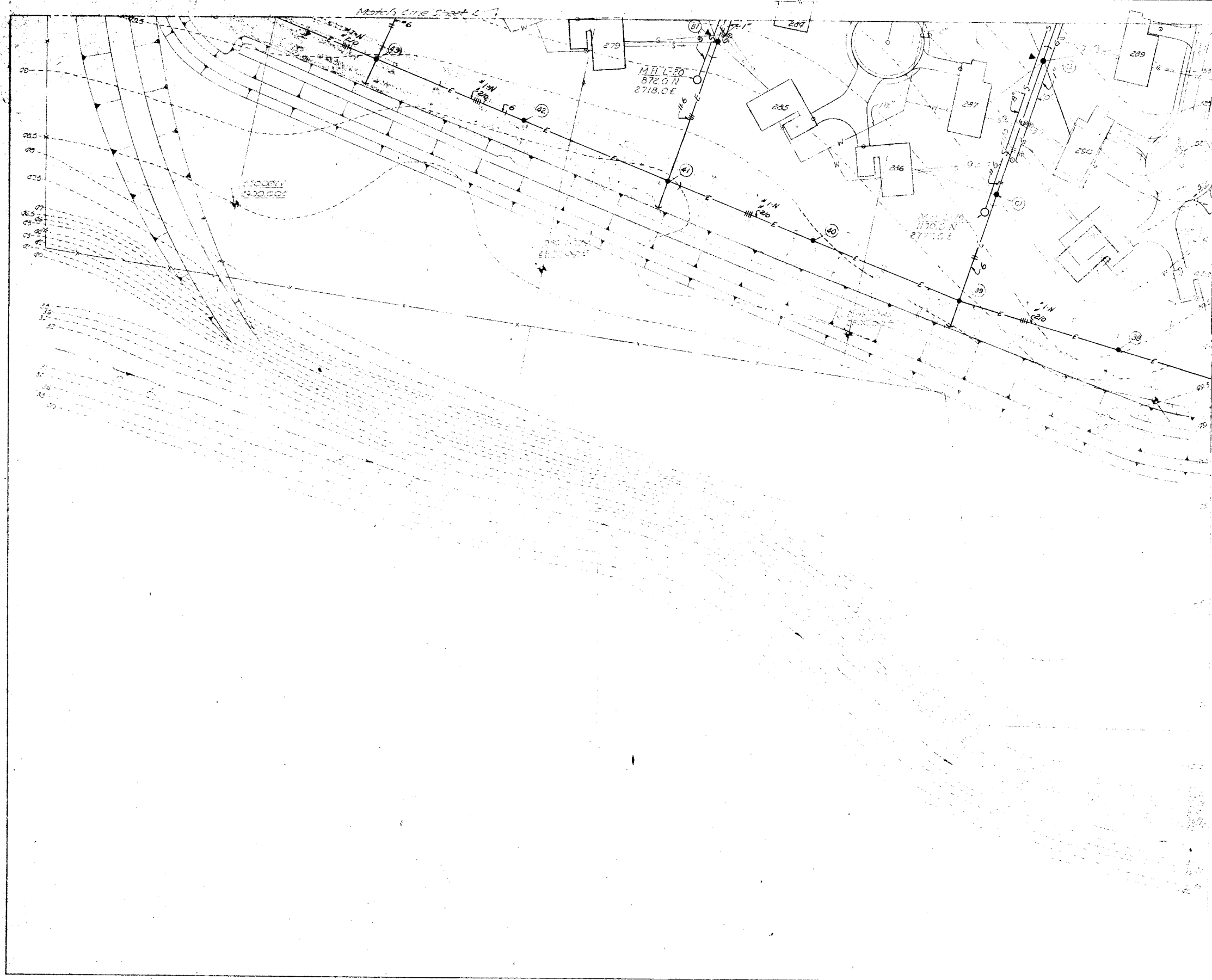
RECORD DRAWINGS		DESCRIPTION
DESIGNED	HUNTINGTON	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIVISION OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C. FAMILY HOUSING PROJECT FOR SMOKEY HILL AFB, KANSAS DETAIL SITE PLAN WATER, SANITARY SEWER GAS & ELECTRIC SYSTEMS SECTION SHEET
DRAWN	BENZ	
CHECKED	SWANSON	
SUBMITTED	L. M. Van Doren	
ARCHITECT-ENGINEER		
REVIEWED AND APPROVAL RECOMMENDED		AF Project No. AF-47
DATE	MAY 10 1955	AF Project No. 102
APPROVED	MORAY T. HOARD	DATE 12 OCTOBER 1955
DATE	MAY 10 1955	CAPT. MORAY T. HOARD Contracting Officer USAF Sheet No. 169



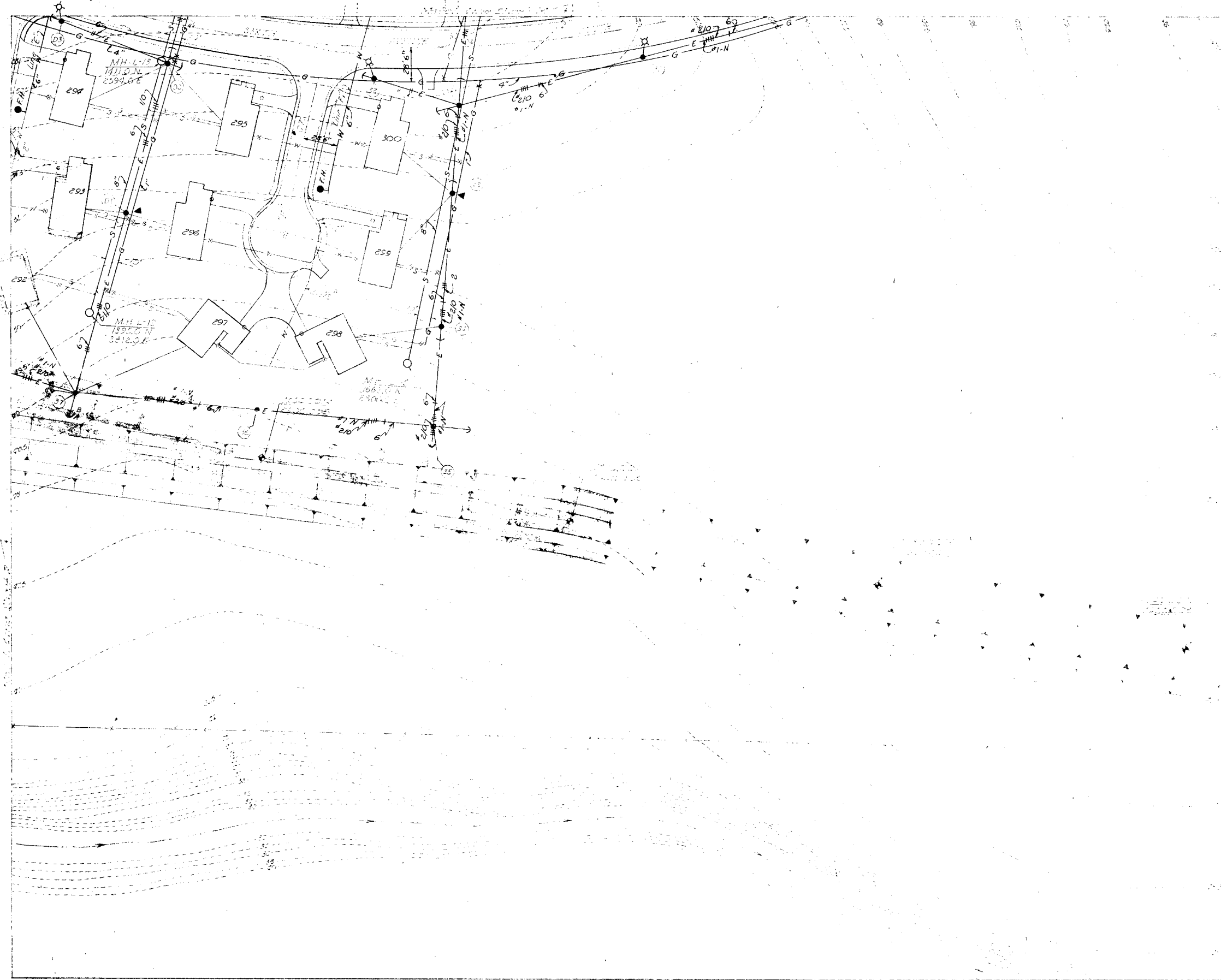
SCALE: 1" = 20'
 For LEGEND See Section Sheet "A"

RECORD
 DRAWINGS

REVISION	DATE	DESCRIPTION
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR HEADQUARTERS UNITED STATES AIR DIRECTORATE OF FACILITIES SUPP FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED	HUNTINGTON	FAMILY HOUSING PRG FOR
DRAWN	BREWER	SMOKY HILL AFB, KAN
CHECKED	SWANSON	DETAIL SITE PL
SUBMITTED	<i>L. M. Van Doren</i> ARCHITECT-ENGINEER	WATER, SANITARY S GAS & ELECTRIC S' SECTION SHE
Reviewed and approval recommended		AF Project No. AF
Date		AF Project No. IC
Approved	<i>[Signature]</i>	Date 12 OCT 1
Date	CAPT. MORAN 1 (USA) Contracting Officer	Sheet No. 170

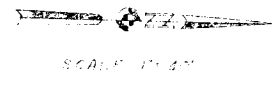
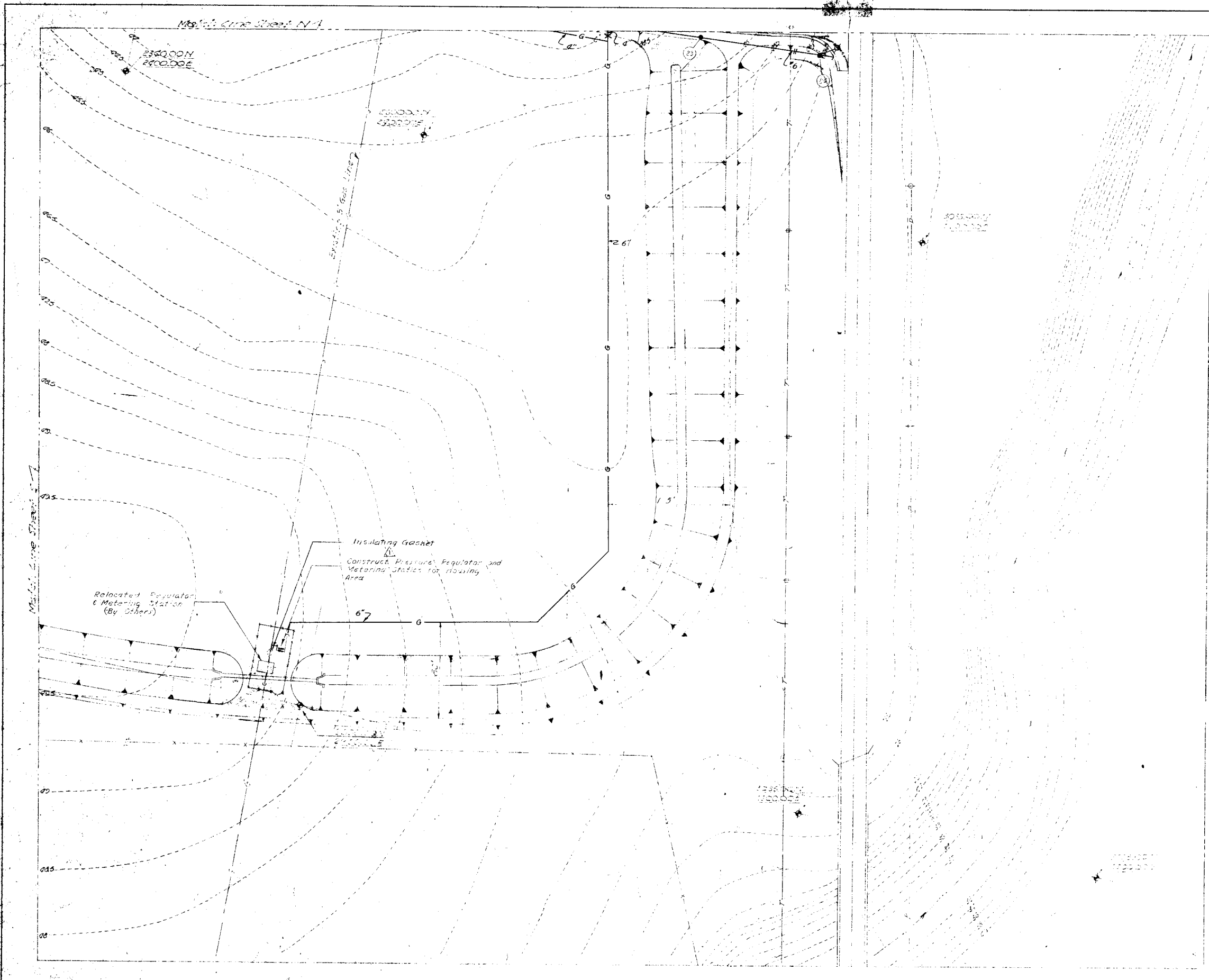


RECORD DRAWINGS		
REVISION	DATE	DESCRIPTION
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED	HUNTINGTON	FAMILY HOUSING PROJ I
DRAWN	BREWER	FOR
CHECKED	SWANSON	SMOKY HILL AFB, KANSAS
SUBMITTED		DETAIL SITE PLAN
<i>L. M. Van Doren</i> ARCHITECT-ENGINEER		WATER, SANITARY SEWAGE GAS & ELECTRIC SYSTEM SECTION SHEET
Reviewed and approval recommended		AF Project No. AF-67
Date		AF Project No. 102-
Approved	<i>Murray T. Hoag</i>	Date 12 OCTO
Date		CAPT MURRAY T. HOAG Contracting Officer USAF Sheet No. 171



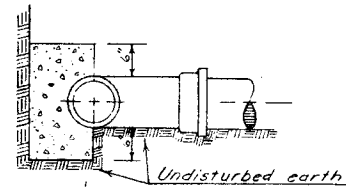
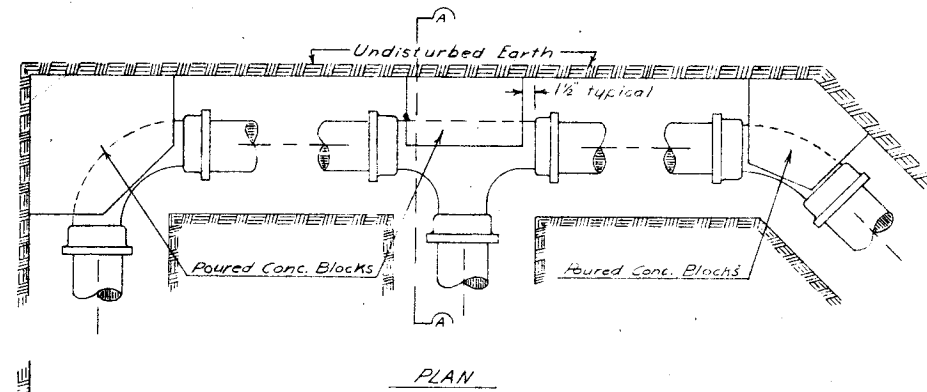
RECORD DRAWING

REVISION	DATE	DESCRIPTION
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED	HUNTINGTON	FAMILY HOUSING PROJ
DRAWN	BREWER	FOR
CHECKED	SWANSON	SMOKY HILL AFB, KANSAS
SUBMITTED	<i>L.M. Van Doren</i> ARCHITECT-ENGINEER	DETAIL SITE PLAN
Reviewed and approval recommended		WATER, SANITARY SE GAS & ELECTRIC SYSTEMS
Date		SECTION SHEET
Approved		AF Project No. AF-67
Date	12 OCT	FHA Project No. 102
Date	1957	USAF
		Sheet No. 172



For USE ONLY (See Section Sheet 'A')

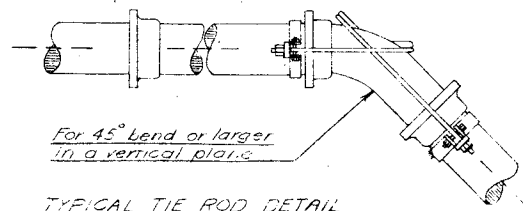
RECORD DRAWINGS		244.63	Added Insulating Gasket for Down Street
REVISION	DATE	DESCRIPTION	
DESIGNED		JAMES R. CUSHING ARCHITECT	
DRAWN		SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	
CHECKED		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
SUBMITTED		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS DETAIL SITE PLAN WATER, SANITARY SEW GAS & ELECTRIC SYSTEM SECTION SHEET 1	
Reviewed and approval recommended		AF Project No. AF-67	
Date	MA	AF Project No. IO2-1	
Approved		Date 12 OCTOBER 1956	
Date	10 1956	CAPT. MORAY L. BARKS Constructing Officer	Sheet No. 173



SECTION A-A

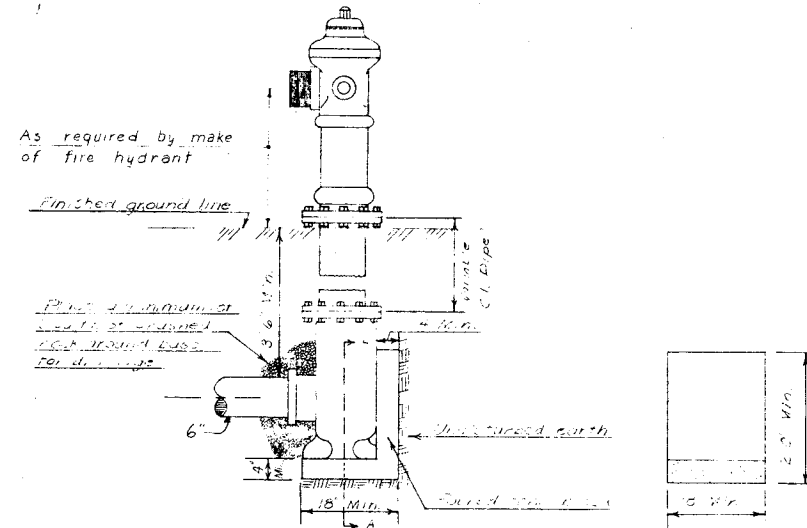
TYPICAL BACKING DETAIL
CAST IRON FITTINGS

No Scale



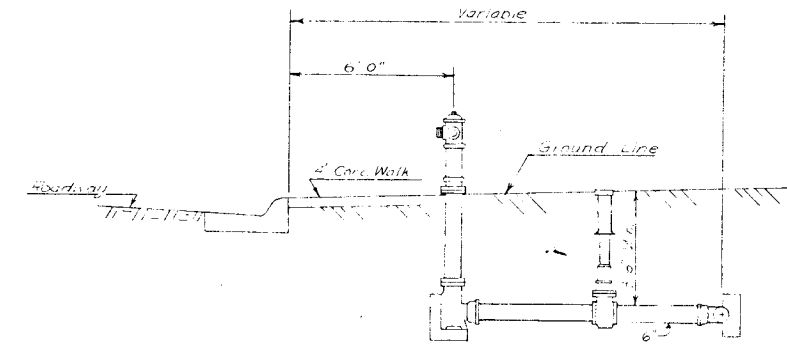
TYPICAL TIE ROD DETAIL

No Scale



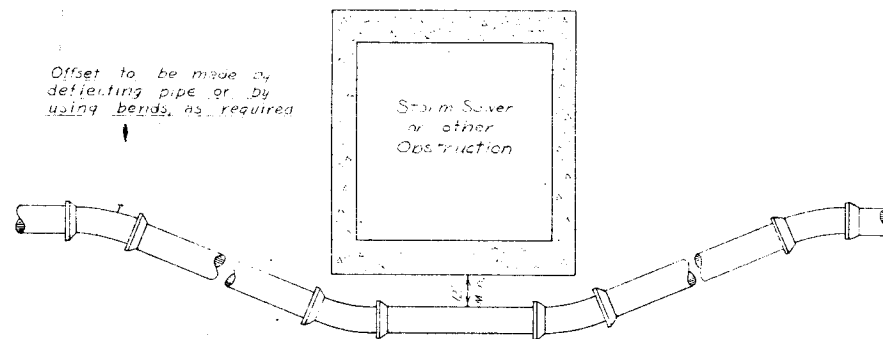
FIRE HYDRANT SETTING DETAIL

No Scale



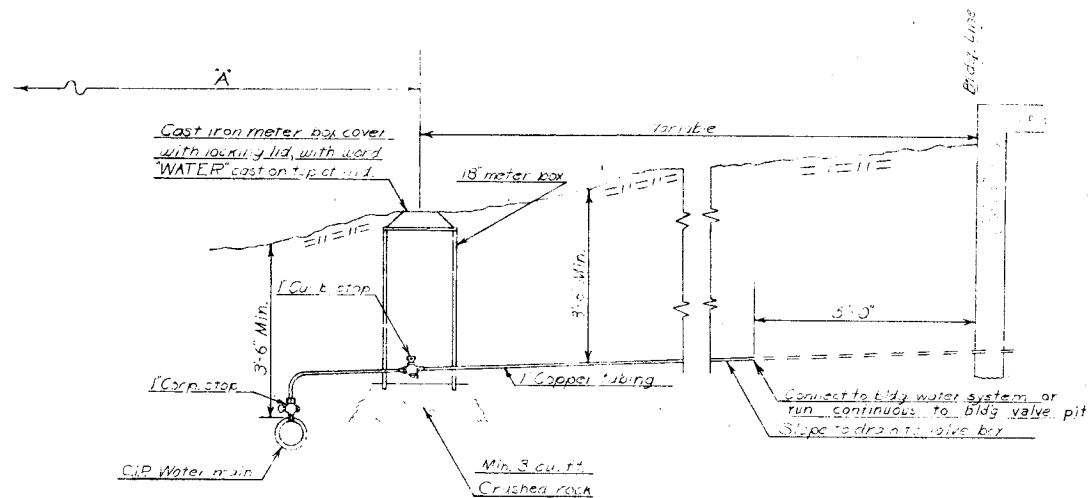
TYPICAL FIRE HYDRANT SETTING DETAIL

No Scale



TYPICAL LOWERING DETAIL

No Scale



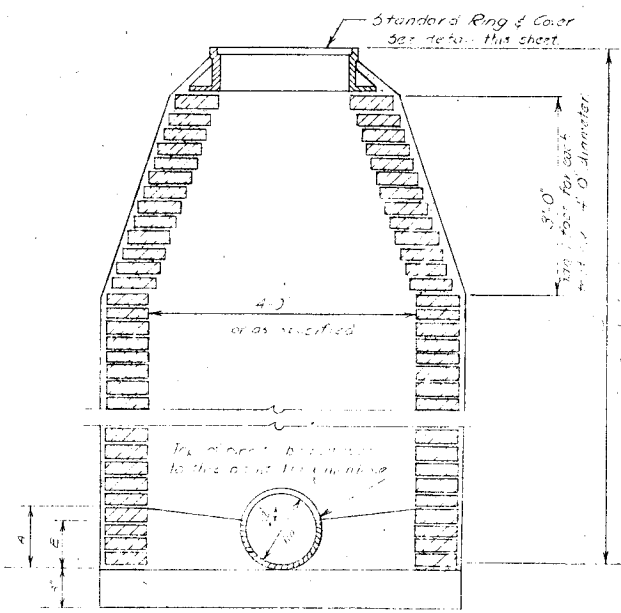
TYPICAL WATER SERVICE LINE

No Scale

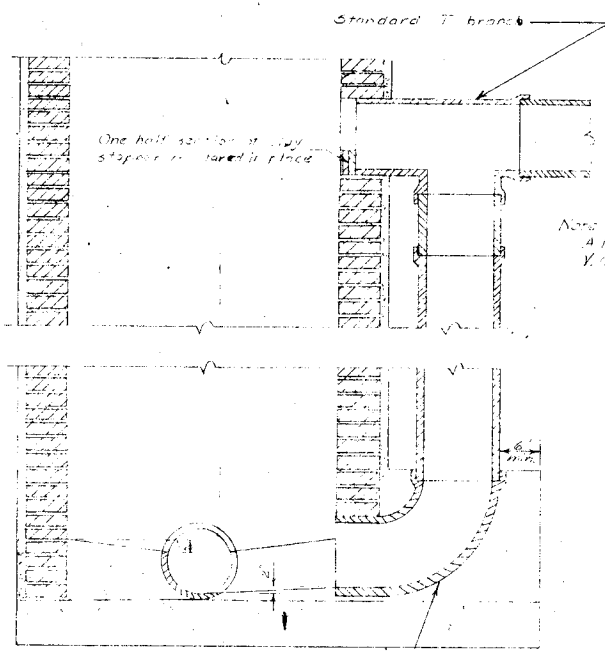
NOTE:
Unless otherwise indicated "A" equals 33'-0" to $\frac{1}{2}$ of street when main is on same side of street or 6'-0" to back of curb when main is on opposite side of street.

REVISION	DATE	DESCRIPTION
1		
2		

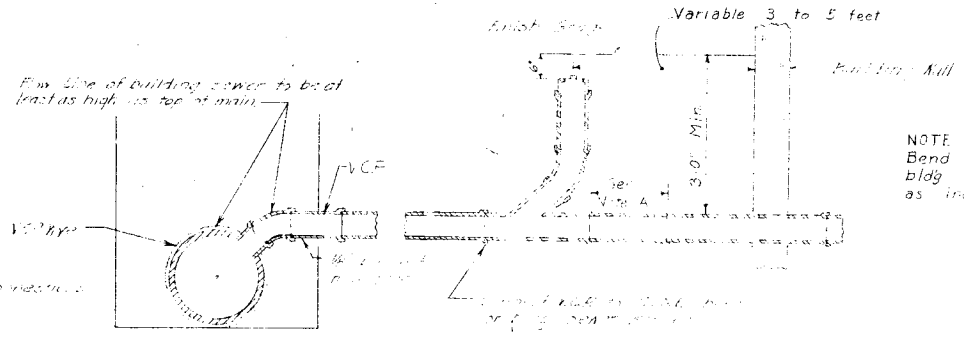
DESIGNED HUNTINGTON DRAWN WILLIAMS CHECKED SWANSON SUBMITTED Reviewed and approval recommended Date Approved Date	JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS ARCHITECT ENGINEER	DEPARTMENT OF THE AIR HEADQUARTERS UNITED STATES AIR DIRECTORATE OF FACILITIES SUP FAMILY HOUSING DIVISION WASHINGTON 25, D. C. FAMILY HOUSING PRG FOR SMOKY HILL AFB, KAN WATER DISTRIBUTION TYPICAL DETA AF Project No. AF FHA Project No. IC Date 12 OCT Sheet No. 174
--	---	--



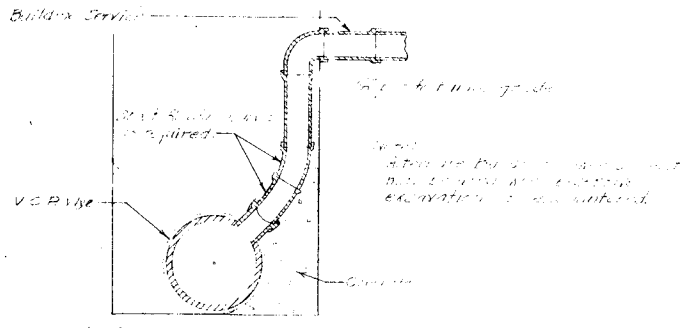
SECTION



SECTION



SECTION

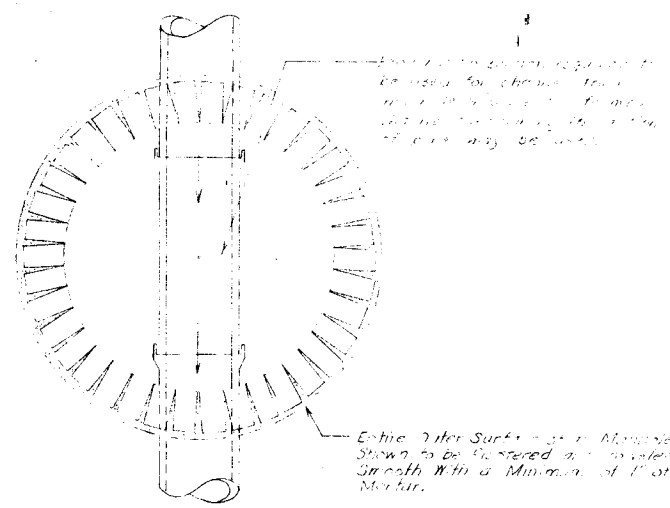


ALTERNATE BUILDING SEWER CONNECTION

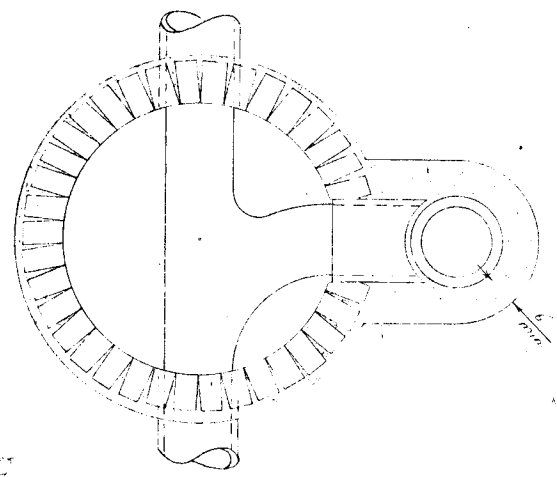
NOTE 'A'
Bend or straight pipe as req'd to tur
bldg sewer in direction of service line
as indicated on detail site plans.

GENERAL NOTES

1. Individual building service lines shall be 4" diameter.
2. Where two or more individual service lines are connected together, 6" diameter shall be used and shall run size to the cleanout.
3. 6" lines shall be laid on a minimum grade of 1%.



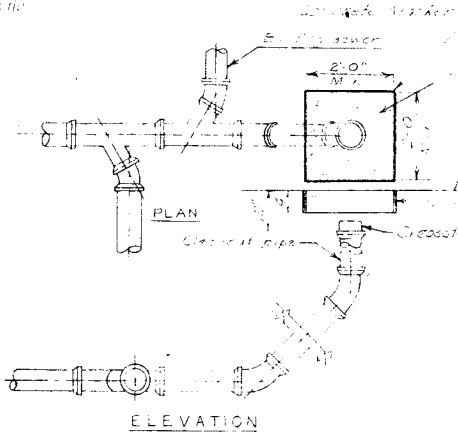
BOTTOM PLAN
STANDARD MANHOLE



BOTTOM PLAN
DROP MANHOLE

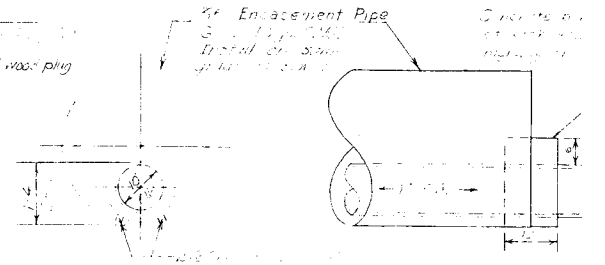
TYPICAL SANITARY SEWER SERVICE LINE

No Scale



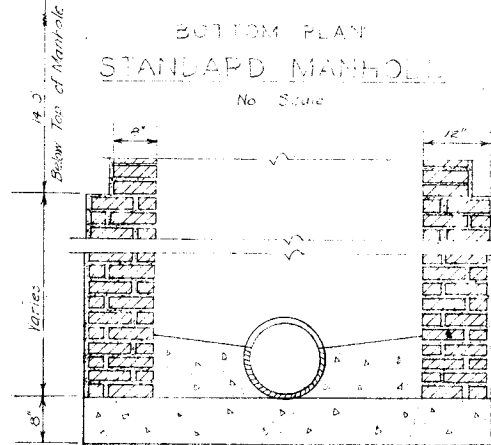
ELEVATION
SEWER CLEANOUT DETAIL

No Scale

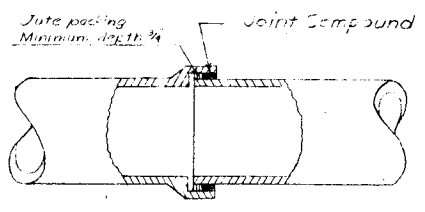


ELEVATION
TYPICAL SEWER CLEANOUT

No Scale

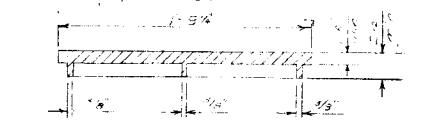


SECTION



JOINT DETAIL

No Scale

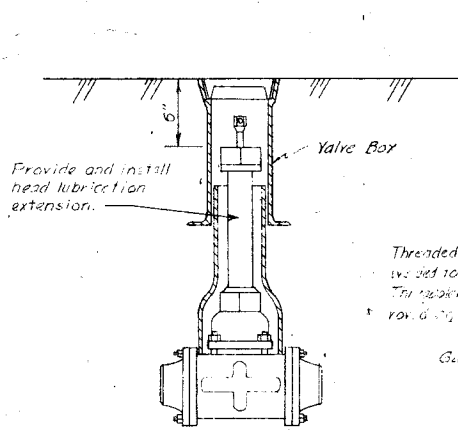


FRAME AND COVER

No Scale

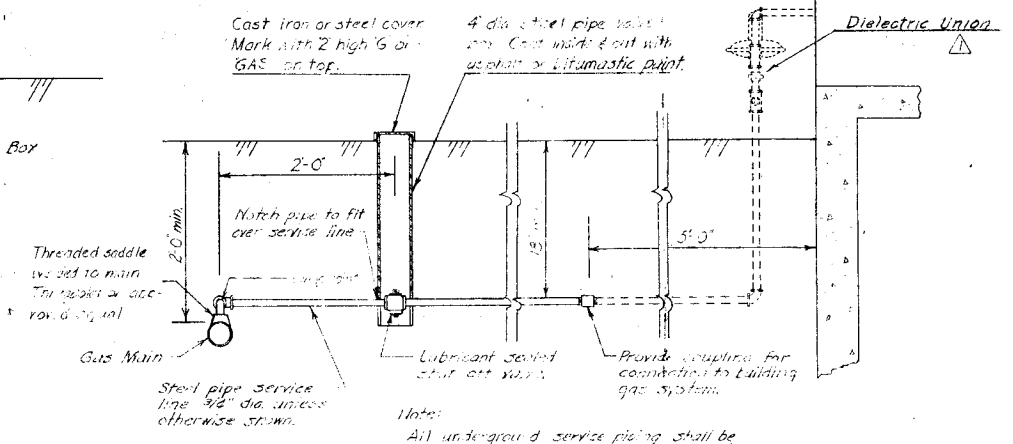
REVISION	DATE	DESCRIPTION

DESIGNED BY JAMES R. CUSHING ARCHITECT	DEPARTMENT OF THE AIR HEADQUARTERS UNITED STATES DIRECTORATE OF FACILITIES FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DRAWN BY SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KA
CHECKED BY ARMSTRONG	SANITARY SEWER
SUBMITTED BY WILLIAMS	TYPICAL DETAIL
APPROVED BY SWANSON	AF Project No. 4
DATE L. M. Van Doren ARCHITECT-ENGINEER	FHA Project No.
DATE 12 01	DATE 12 01
DATE CAS E. MORAY T. HOGARD Contracting Officer USAF	SHEET NO. 175



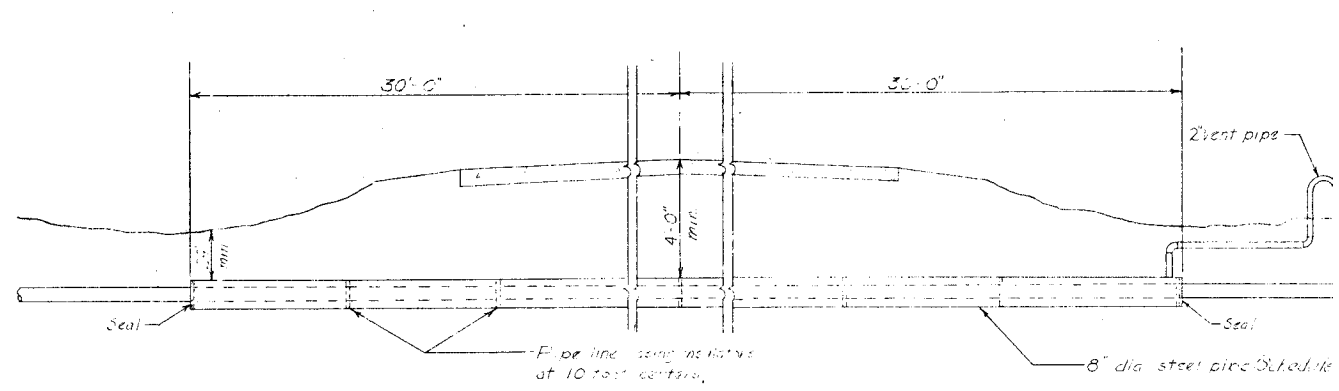
LUBRICATED PLUG VALVE DETAIL

No Scale



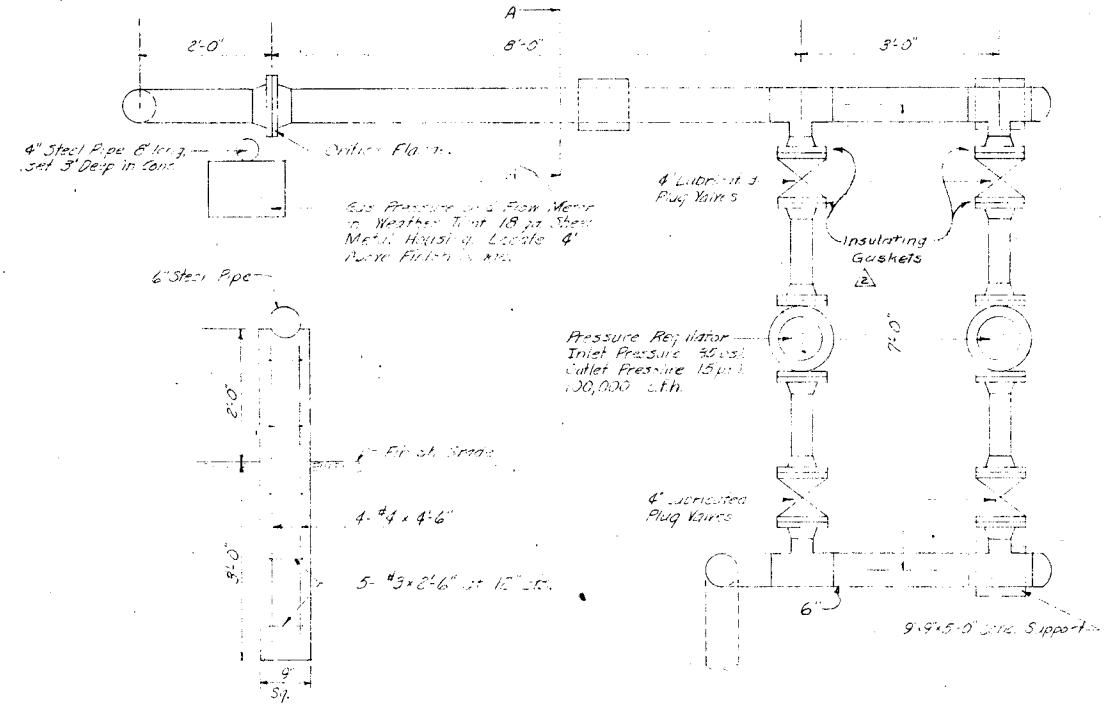
TYPICAL GAS SERVICE LINE

No Scale



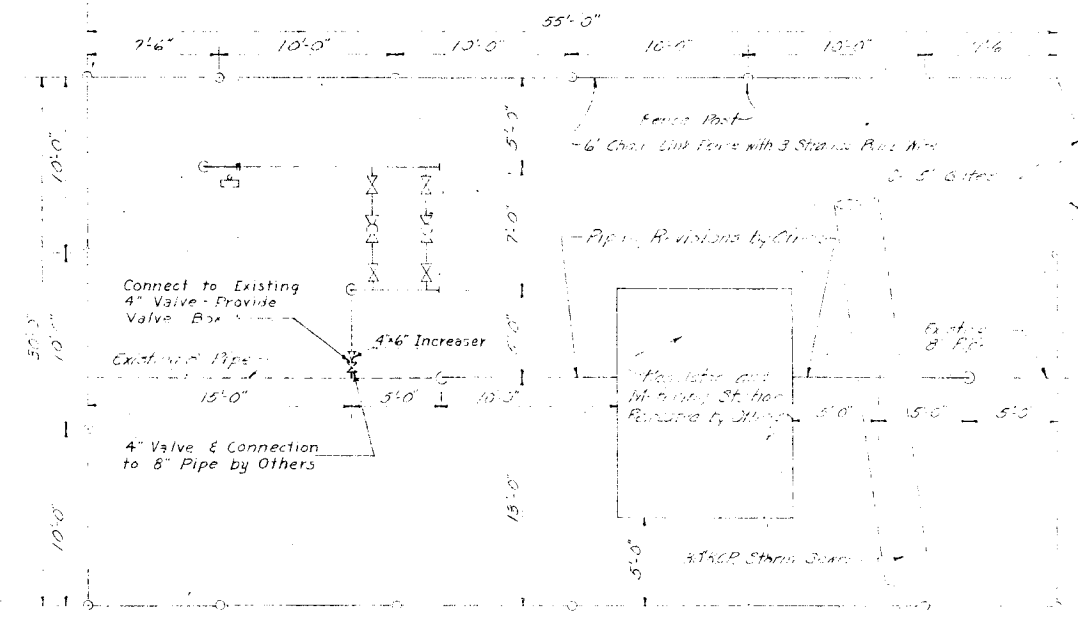
TYPICAL DETAIL GAS LINE ENCASEMENT UNDER HIGHWAY

No Scale



SECTION A-A
Scale: 3/4" = 1'-0"

MECHANICAL DETAILS
Scale: 3/4" = 1'-0"

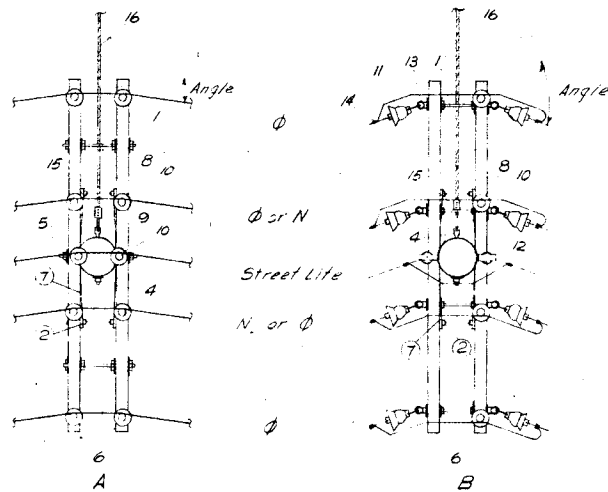
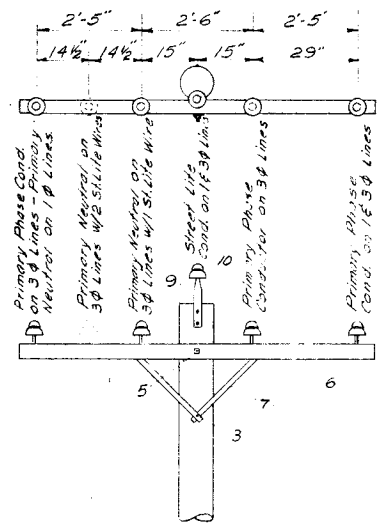


PRESSURE REGULATOR AND METERING STATION

LA 7057
Scale: 1/2" = 5'

REVISION	DATE	DESCRIPTION
1	2 JAN 63	ADDED INSULATING GASKETS FOR 3"
2	2 FEB 62	ADD DIELECTRIC UNIONS PER FIG 6.
RECORD DRAWINGS		

DESIGNED: SWANSON DRAWN: MC MAHON CHECKED: SWANSON SUBMITTED: L.M. Van Doren ARCHITECT-ENGINEER	DEPARTMENT OF THE ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE ARCHITECT HEADQUARTERS UNITED ST. DIRECTORATE OF FACILITIES FAMILY HOUSING DIVISION WASHINGTON 25
FAMILY HOUSING FOR SMOKY HILL AFB, GAS DISTRIBUTION TYPICAL I		AF Project FHA Project Date: 11/12/57 Sheet No.



ANGLE	COND.
12-24°	6
6-12°	2
4-8°	1/0
2-4°	4/0

ANGLE	COND.
24-60°	6
12-60°	2
8-60°	1/0
4-60°	4/0

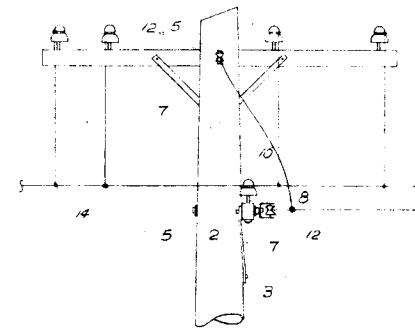
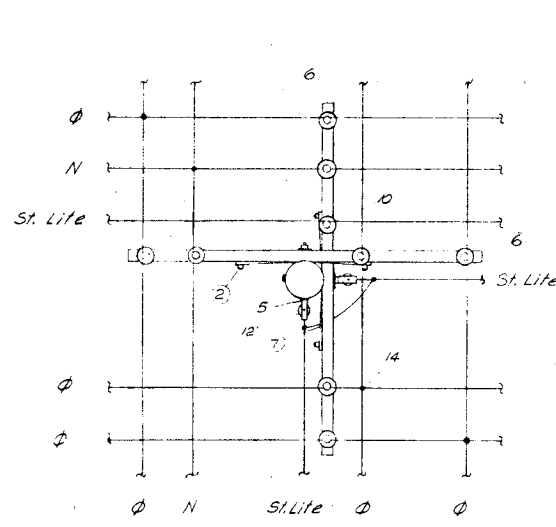
NOTE
For Angles Greater Than 60° Use
Corner Type Construction

NOTE

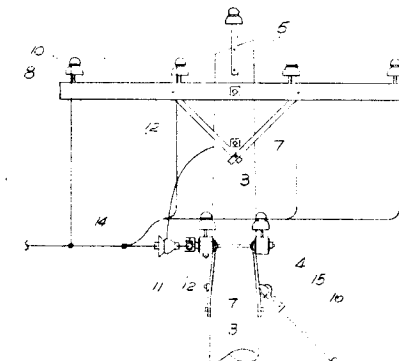
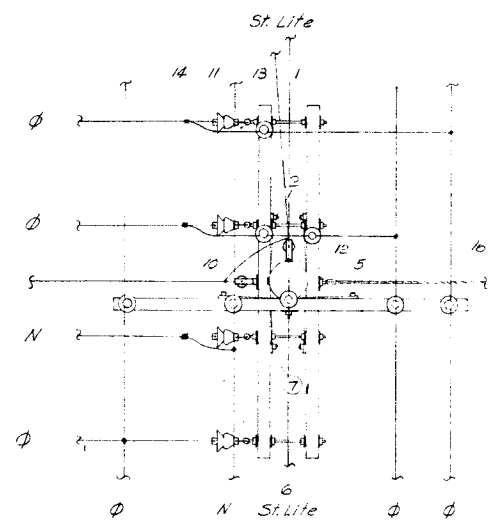
Conductor Spacing is Typical
for All Details.

DETAIL 1 - SINGLE CROSSARM UNIT
Scale 1/2" = 1'-0"

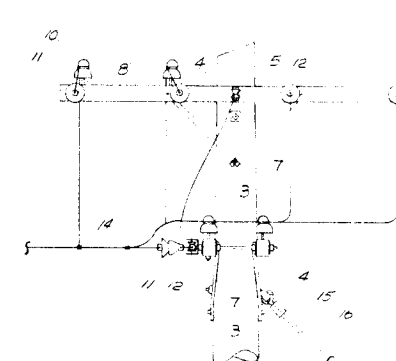
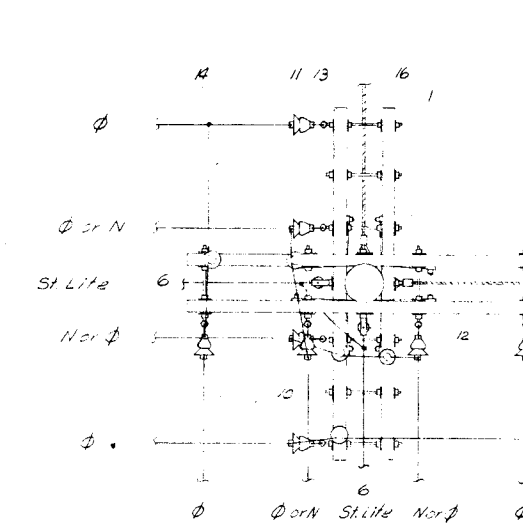
DETAIL 2 - DOUBLE CROSSARM UNITS
Scale 1/2" = 1'-0"



DETAIL 3 - X CORNER
Scale 1/2" = 1'-0"

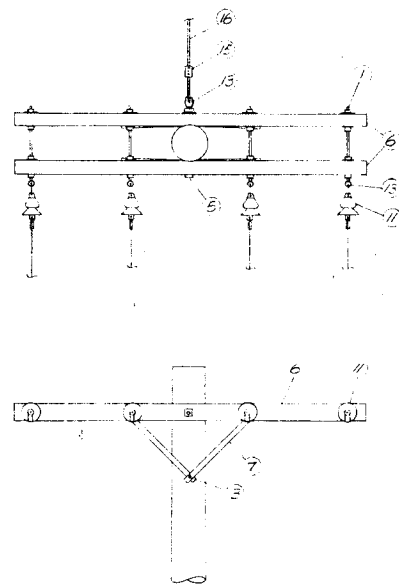


DETAIL 4 - T CORNER
Scale 1/2" = 1'-0"

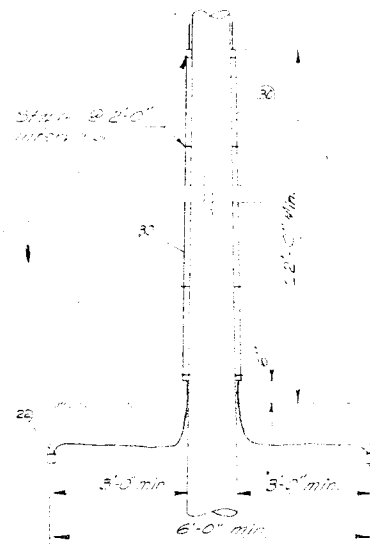


DETAIL 5 - L CORNER
Scale 1/2" = 1'-0"

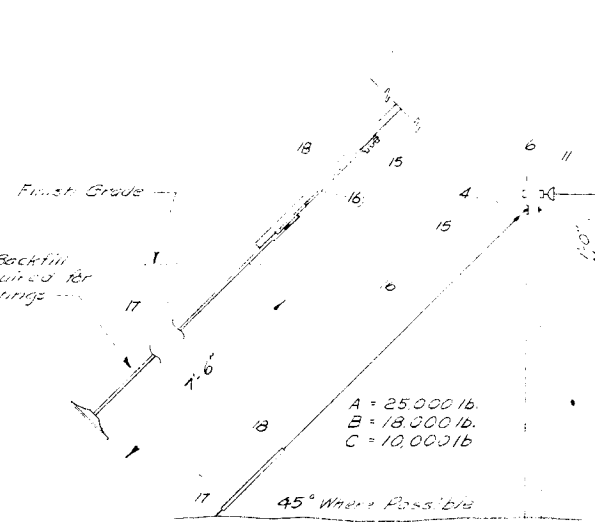
ITEM	DESCRIPTION OF MATERIAL
1	5/8" ϕ Double Arming Bolt with 4-2 1/4" Square Washers
2	3/8" \times 4 1/2" Carriage Bolt
3	1/2" ϕ \times 5" Log Screw
4	5/8" ϕ Angle Thimble Bolt with 2 1/2" Square Curved Washer & 2 Hole Curved Lift Plate
5	5/8" ϕ Thru Bolt with 2 1/4" Square Washers as Req'd.
6	3/4" \times 4 1/2" \times 8'-0" Crossarm
7	1 1/4" \times 1 1/4" \times 28" Crossarm Bronze
8	5/8" Steel Crossarm Pin with Washers & Locknut
9	1 1/2" St. Base Steel Poletop Run
10	Pin Insulator
11	Suspension Insulator with Snub Clamp
12	Rigid Clevis with Porcelain Insulator
13	5/8" Eye Nuts
14	Connectors - Size as Required.
15	3 Bolt Guy Stamp
16	Guy - 7 Strand Galvanized Steel Strength as Required
17	4-Way Expanding Anchor with 1" ϕ \times 8'-0" Double Thimble eye Rod - 2500 sq in. Expand.
18	8'-0" Steel Guy Wire Protector
19	Ground Separated Sectionalizing Switch, 400A.
20	Fuse Cutout
21	Lightning Arrester
22	Ground Rod
23	Insulated Splicing Sleeve
24	Enclosed Glass Reflector Luminaire with 110W Lamp
25	Ornamental Pole & Bracket Cable - 2 Conductors
26	Lamp Ballast
27	Transformer, 2400V to 120/240V
28	Street Light Regulator, 240V, 6.5 Amp
29	Transformer Mounting Bracket
30	Ground Wire Moulding
31	Secondary Rock wire Required Spools.
32	6'-0" Upsweep 2" \times 2" Pipe, Bushed Hole for Cable Lead



DETAIL 6 - CONDUCTOR DEADEND
Scale 1/2" = 1'-0"



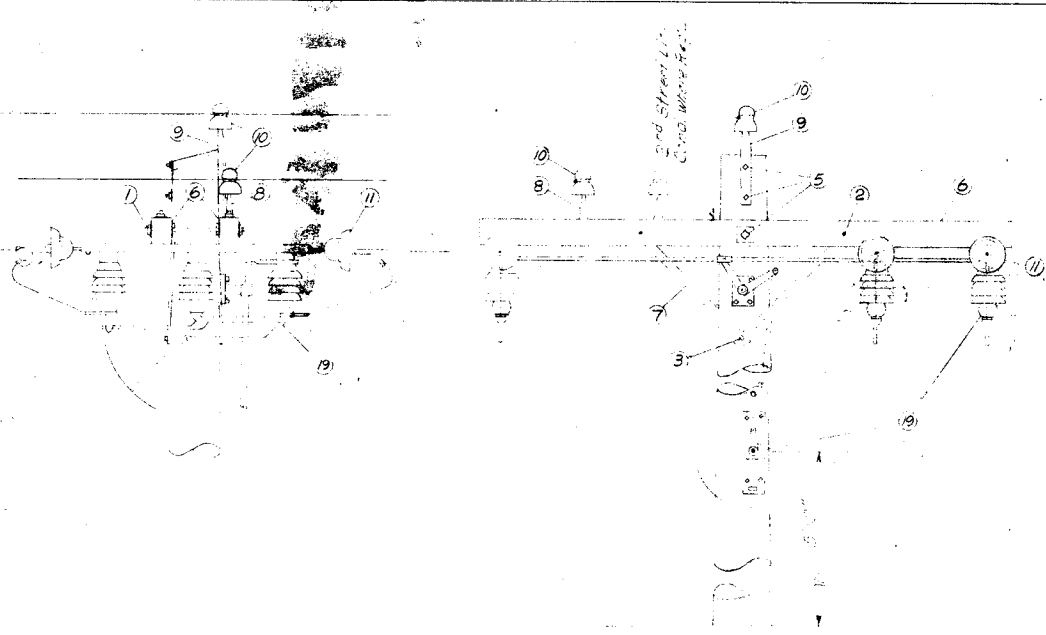
DETAIL 7 - GROUNDING DETAIL
No Scale



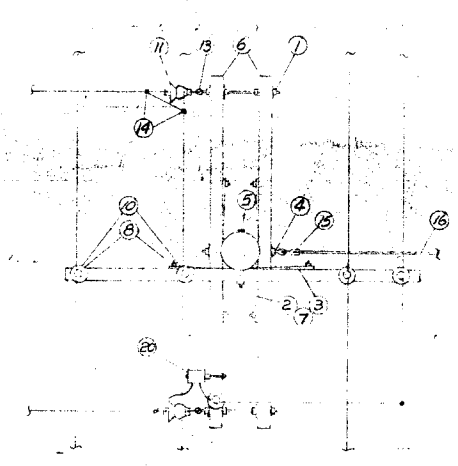
DETAIL 8 - POLE GUYING
No Scale

REVISION	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		

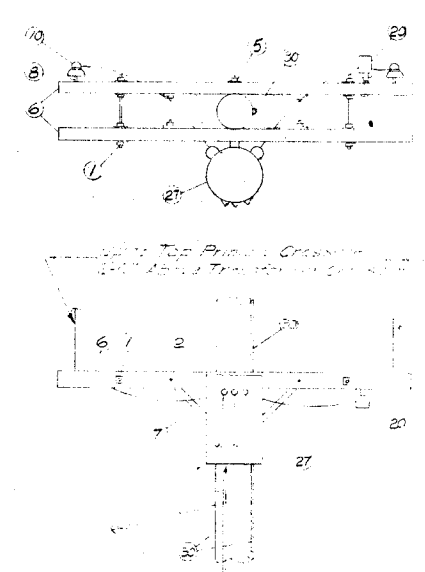
JAMES R. CUSHING ARCHITECT	DEPARTMENT OF THE A HEADQUARTERS UNITED STATES DIRECTORATE OF FACILITIES 3 FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	FAMILY HOUSING P FOR SMOKY HILL AFB, KJ
DESIGNED UN REIN	ELECTRICAL DISTRIBUTION
DRAWN MC CAULEY	DETAILS & MATERIAL
CHECKED UN REIN	
SUBMITTED	
Reviewed and approval recommended	AF Project No.
Date	FHA Project No.
Approved	Date 12 0
Date	Sheet No. 174



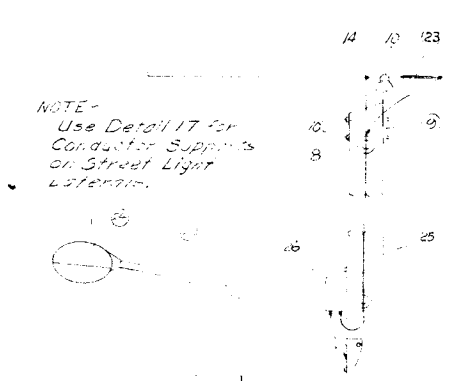
DETAIL 9 - GROUND OPERATED SECTIONALIZING SWITCH
Scale 3/4"=1'-0"



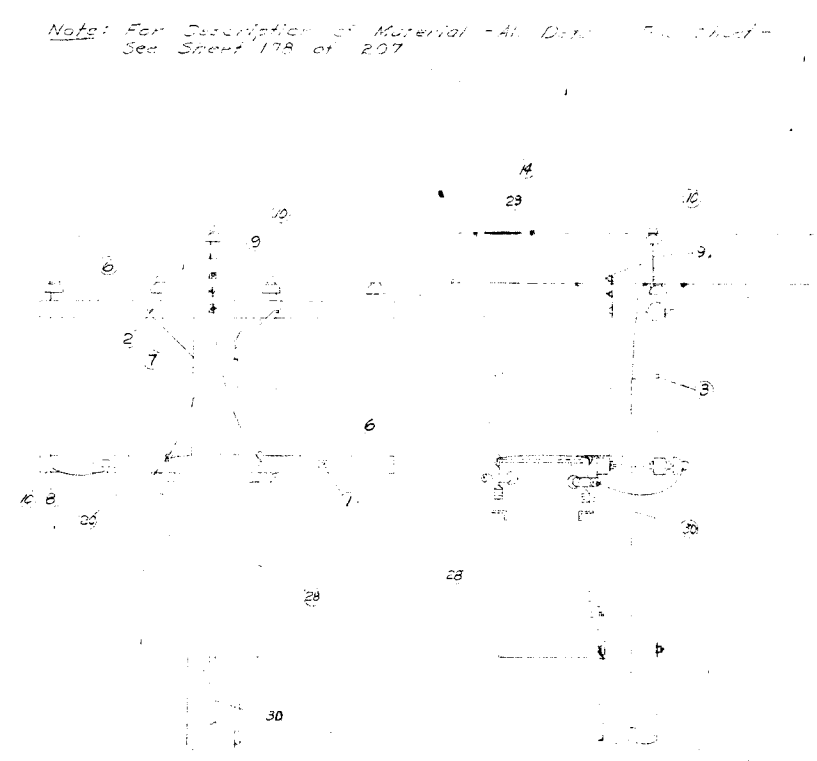
DETAIL 10 - FUSED T CORNER
Scale 1/2"=1'-0"



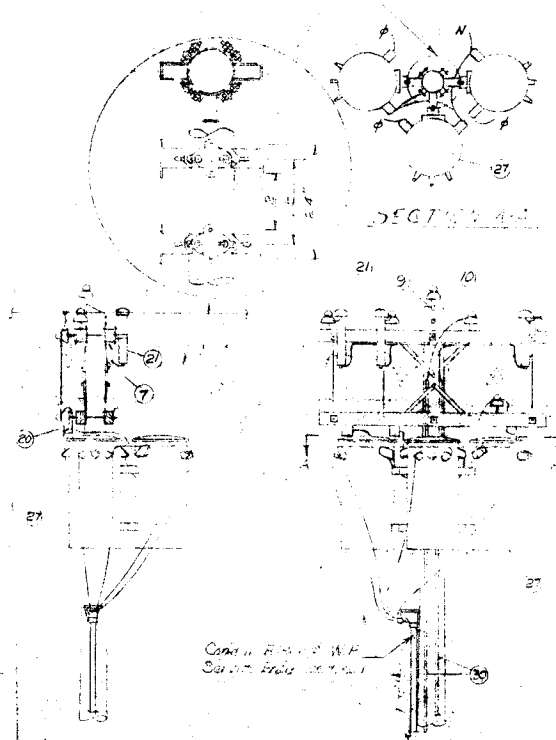
DETAIL 11 - 14 TRANSFORMER INSTALLATION
Scale 1/2"=1'-0"



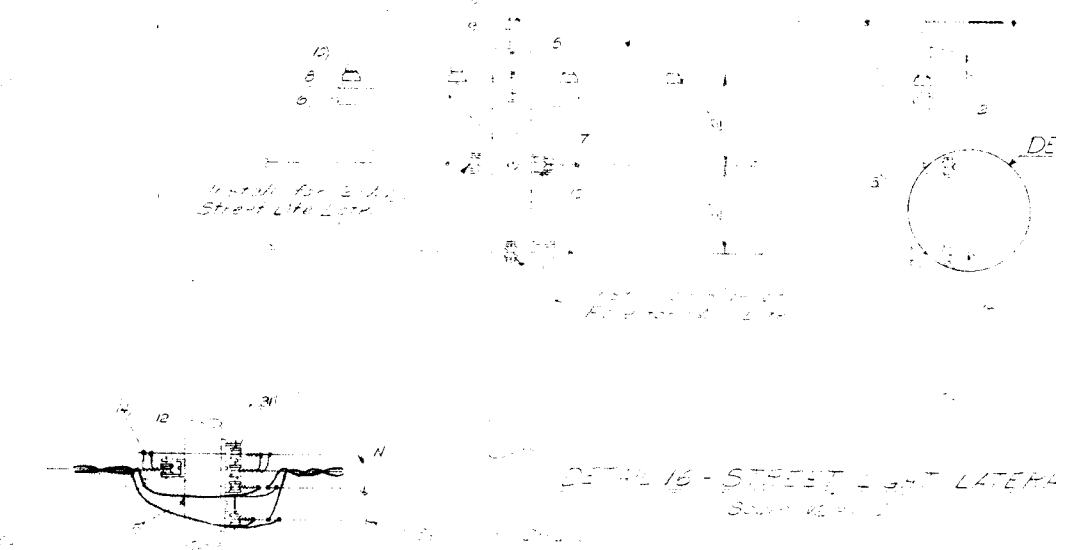
DETAIL 12 - STREET LIGHT INSTALLATION
Scale 1/2"=1'-0"



DETAIL 13 - STREET LIGHT REGULATOR INSTALLATION
Scale 1/2"=1'-0"



DETAIL 14 - 30 TRANSFORMER INSTALLATION
No Scale

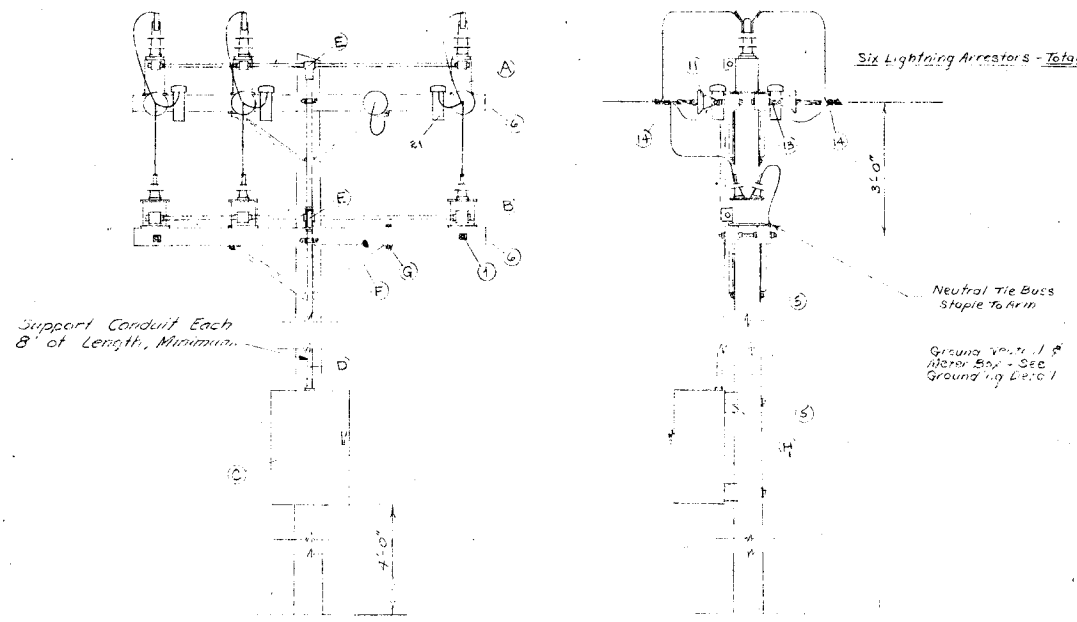


DETAIL 15 - SECONDARY SERVICE

Note: For Description of Material - All Data - See Sheet 178 of 207

REVISION	DATE	DESCRIPTION

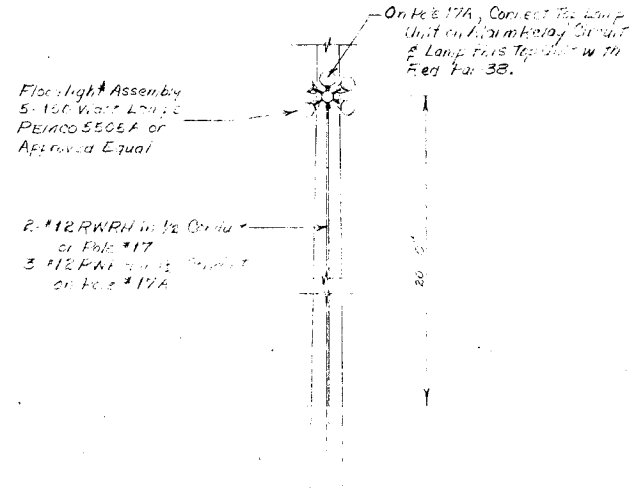
DESIGNED: UNREIN DRAWN: MC GAULEY CHECKED: UNREIN SUBMITTED:	ARCHITECT ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED FOR: UNREIN DRAWN FOR: MC GAULEY CHECKED FOR: UNREIN SUBMITTED FOR:		FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS ELECTRICAL DISTRIBUTION DETAILS
Reviewed and approval recommended Date: _____ Approved: _____ Date: _____		AF Project No. AF-67 FHA Project No. 102-81 Date: 12 OCTOBE Sheet No. 179 of



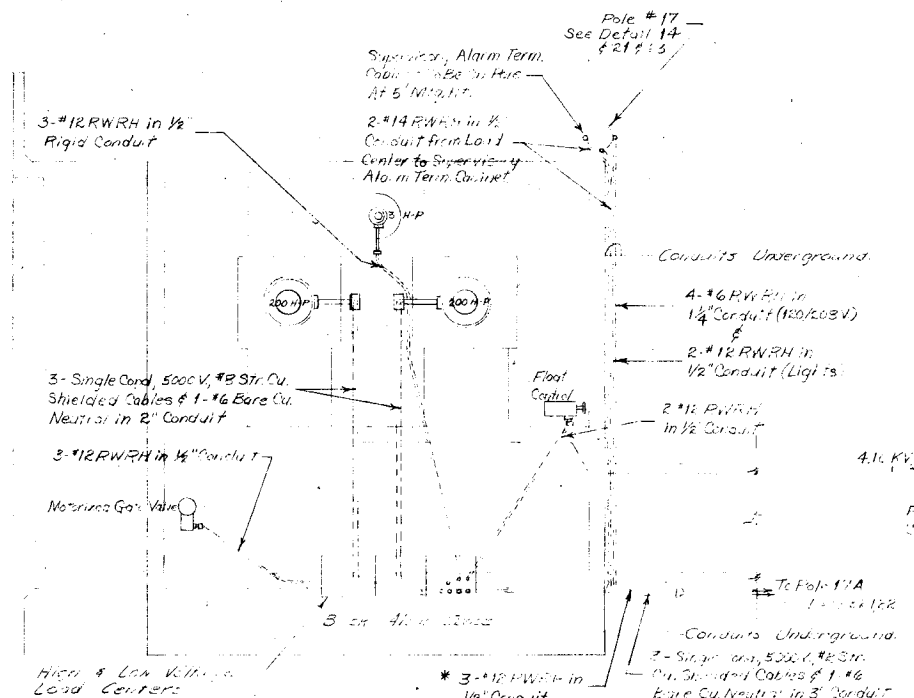
DETAIL 18 - PRIMARY METELLING INSTALLATION
Scale - 1/2" = 1'-0"

- A - Outdoor Current Transformer, 8700 V, 400 I.E.A.
- B - Outdoor Potential Transformer, 2400 - 120 V, 200 I
- C - Outdoor Meter Box, 31 1/2" x 20 1/2" x 13 1/2" D. (Approximate)
- Containing 3 E meter, 4 White Lead and Meter
- D - Conduit, 1" Rigid Electrical
- E - Conduit, 1" (Type As Req'd)
- F - Brass, Double Grom, 4E, Steel
- G - Brass, 1/2" x 1/2" Water Proof, 3/16" Flange
- H - 3/4" x 4" x 2-0" Timer

Note: For Description of No. Items of Material - See Sheet 178 of 207

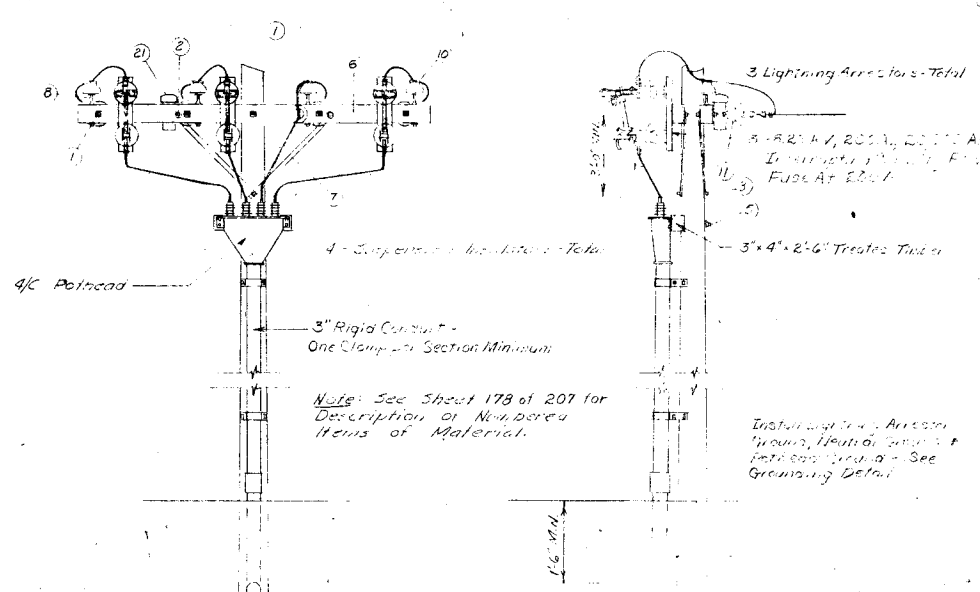


DETAIL 21 - FLOOD LIGHT INSTALLATION
Scale - 1/2" = 1'-0"

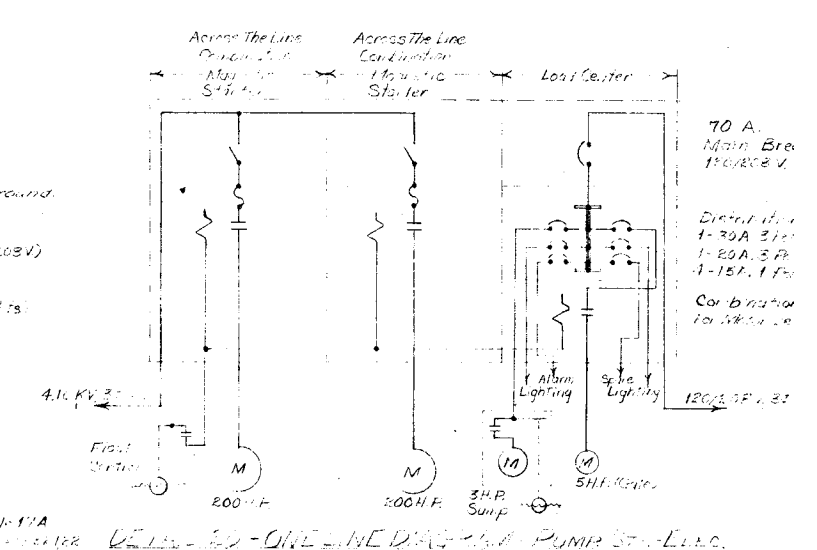


DETAIL 19 - PUMPING STATION ELECTRICAL
Scale - 3/16" = 1'-0"

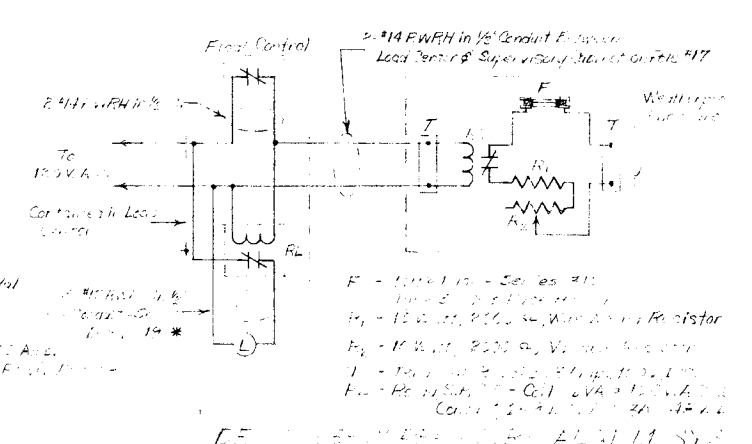
Note: Install Conduit Rings from Load Center to Motors & Flood Control in Concrete. Install Conduit & Wiring & Make Required Connections if Motors are Furnished With Space Heaters.



DETAIL 22 - UNDERGROUND RISER INSTALLATION
Scale - 1/2" = 1'-0"



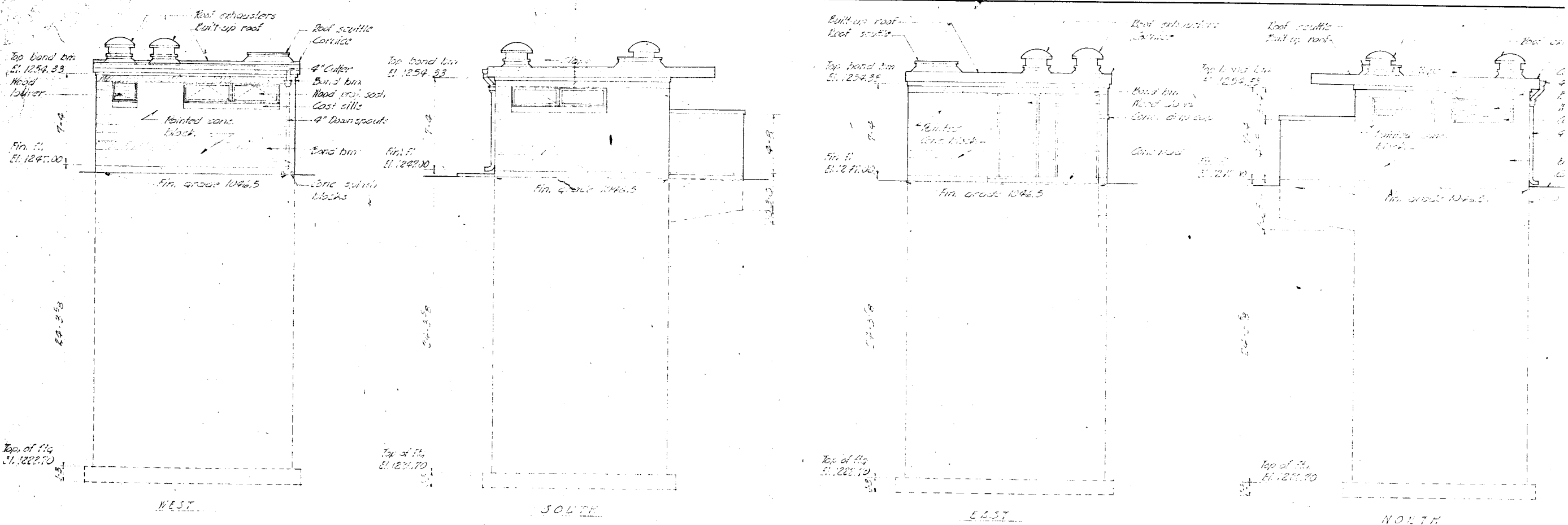
ONE LINE DIAGRAM - PUMP STATION



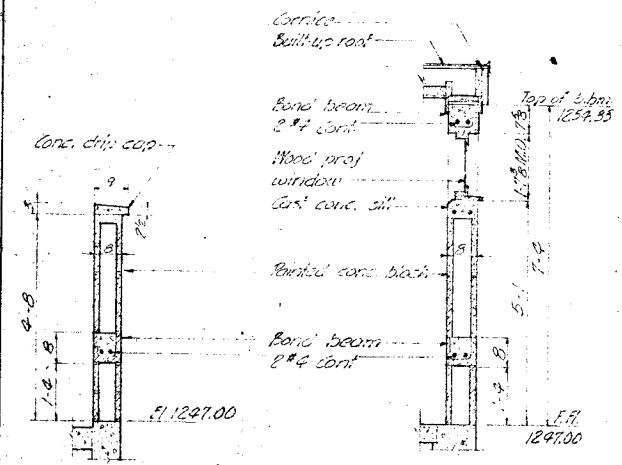
FLOOD LIGHT ELECTRICAL

REVISION	DATE	DESCRIPTION
1	11/10/50	AS SHOWN
2	11/10/50	AS SHOWN

DESIGNED BY UNREIN	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DRAWN BY COL E	
CHECKED BY UNREIN	
SUBMITTED BY L. M. Van Doren ARCHITECT-ENGINEER	
DESIGNED FOR FAMILY HOUSING PRO. FOR SMOKY HILL AFB, KANS.	AF Project No. AF-6 FHA Project No. 102 Date 12 OCT 50 Sheet No. 180
CHECKED FOR ELECTRICAL DISTRIBUTION DETAILS - FLOOD PUMPING AND METERING	
REVIEWED AND APPROVAL RECOMMENDED DATE 11/10/50 APPROVED DATE 11/10/50	
DATE 11/10/50	

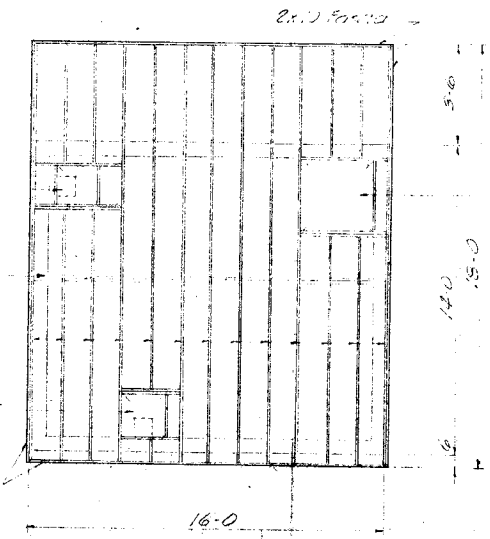


ELEVATIONS
Scale 1/4"=1'-0"

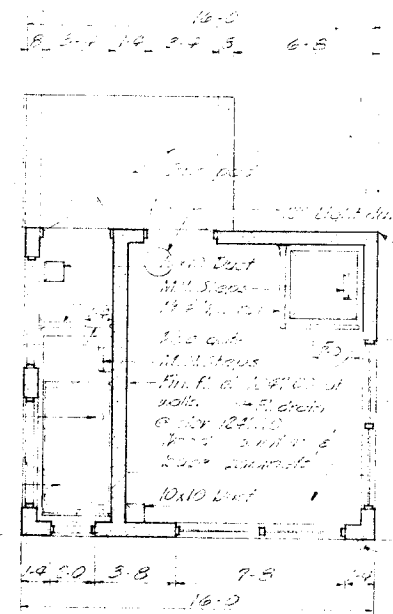


WING WALL
Scale 1/4"=1'-0"

TYPICAL WALL
Scale 1/4"=1'-0"



ROOF FRAMING PLAN
Scale 1/4"=1'-0"

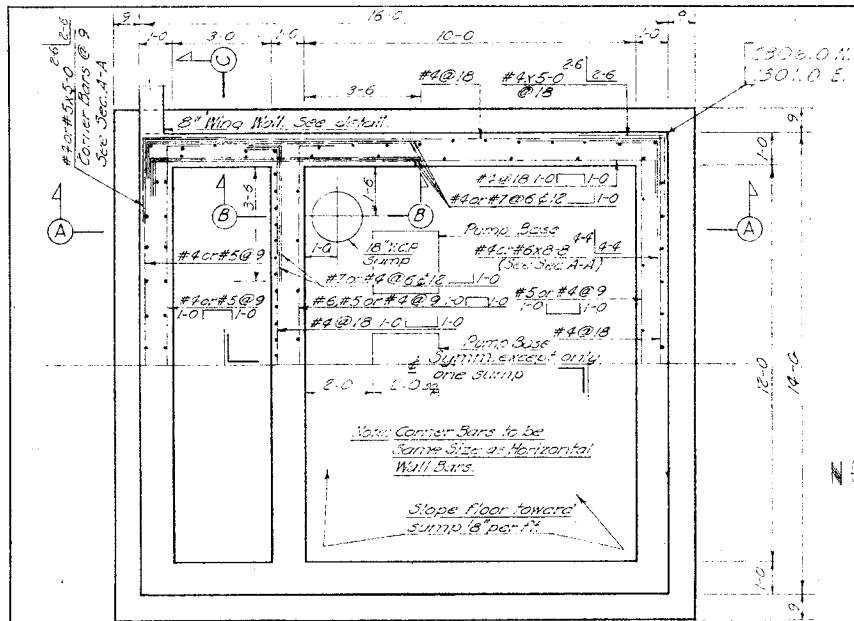


FLOOR PLAN
Scale 1/4"=1'-0"

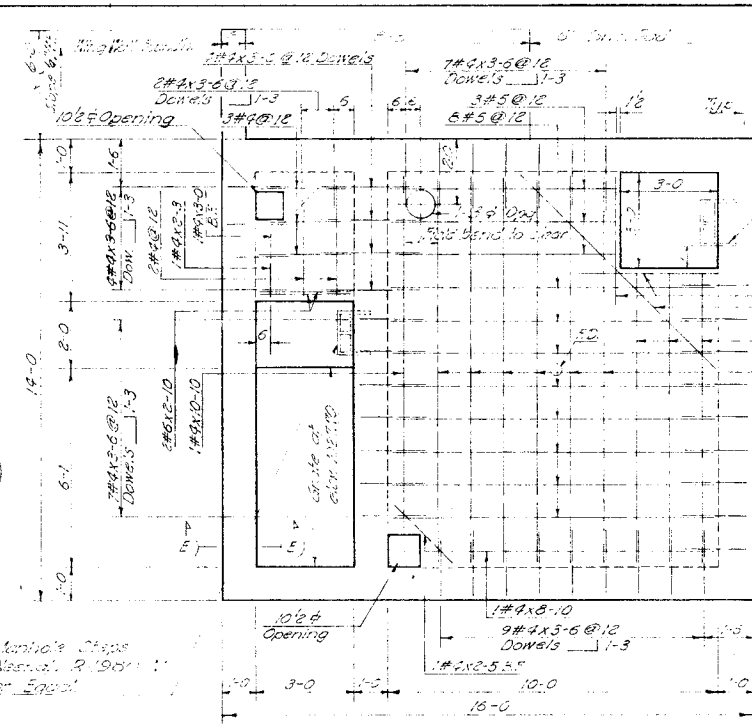
NOTE: These markings show the slope of roof and indicate the location of floor.

NOTE: Slope floor as shown.

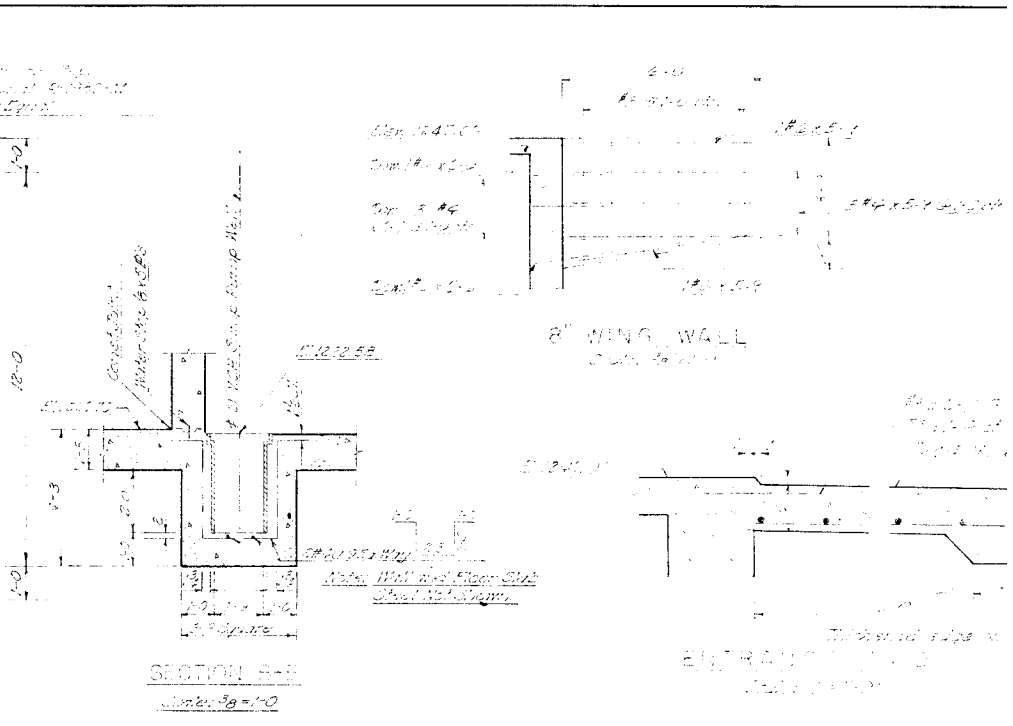
REVISION		DATE	DESCRIPTION
<p>JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p>			
DESIGNED		BEARDMORE	<p>DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.</p> <p>FAMILY HOUSING PROJ FOR SMOKY HILL AFB, KANSAS SEWAGE LIFT STAT ARCHITECTURAL PLAN & ELEVATION</p>
DRAWN		BEARDMORE	
CHECKED		BERGMEIER	
SUBMITTED			
Reviewed and approval recommended			
Date		MAY 10 1955	AF Project No. AF-67
Approved		Mary T. Hoard Deputy ITO	PHA Project No. JO2-1
Date		MAY 10 1955	Date 12 OCTOBER
		CAPT. MORAY T. HOARD Contracting Officer USAF	Sheet No. 183



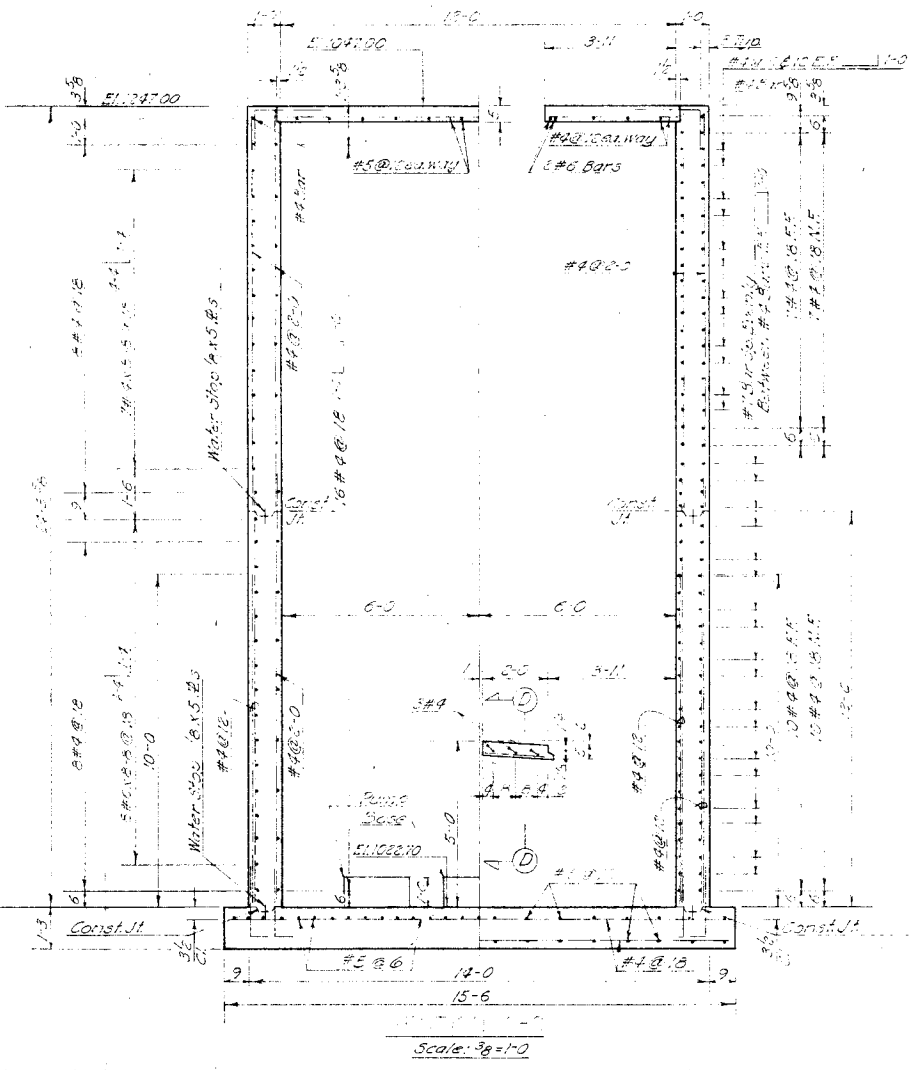
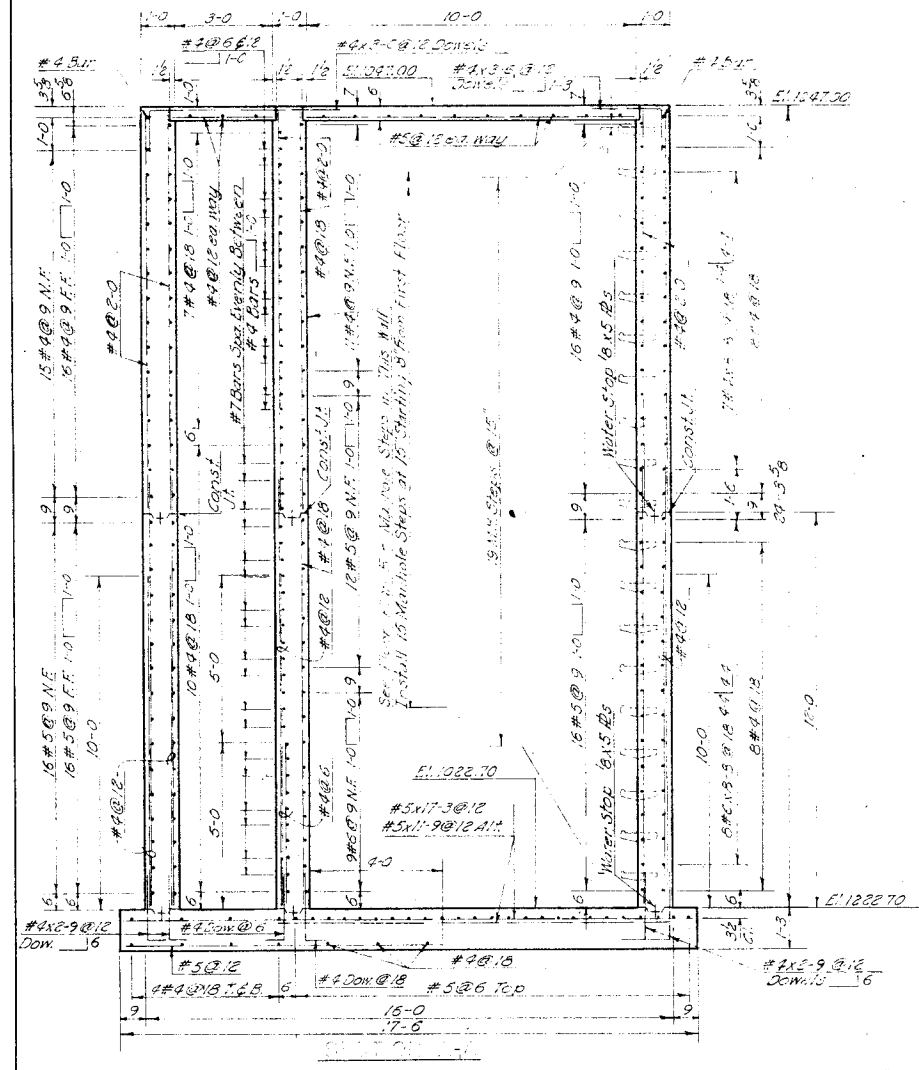
FOUNDATION PLAN
Scale: 3/8"=1'-0"



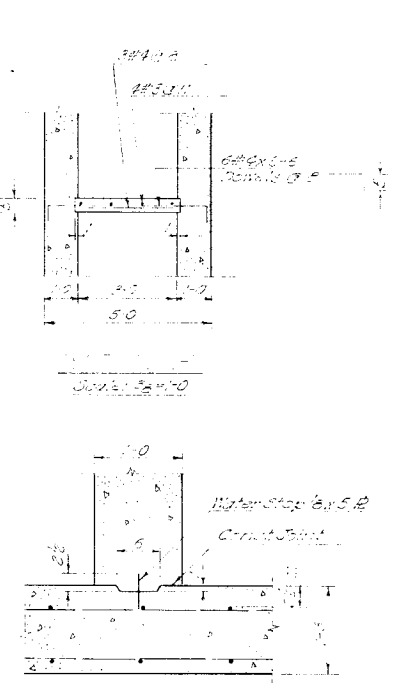
ELEVATION
Scale: 3/8"=1'-0"



SECTION A-A
SECTION B-B
Scale: 3/8"=1'-0"



Scale: 3/8"=1'-0"

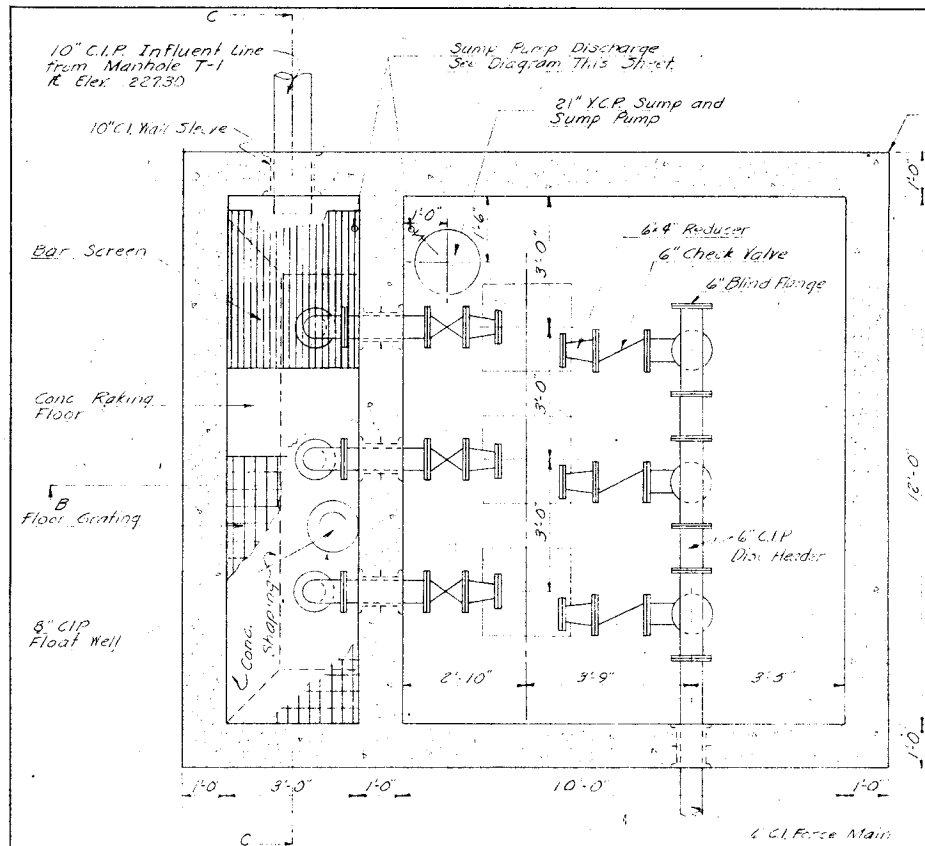


SECTION C-C
Scale: 1"=1'-0"

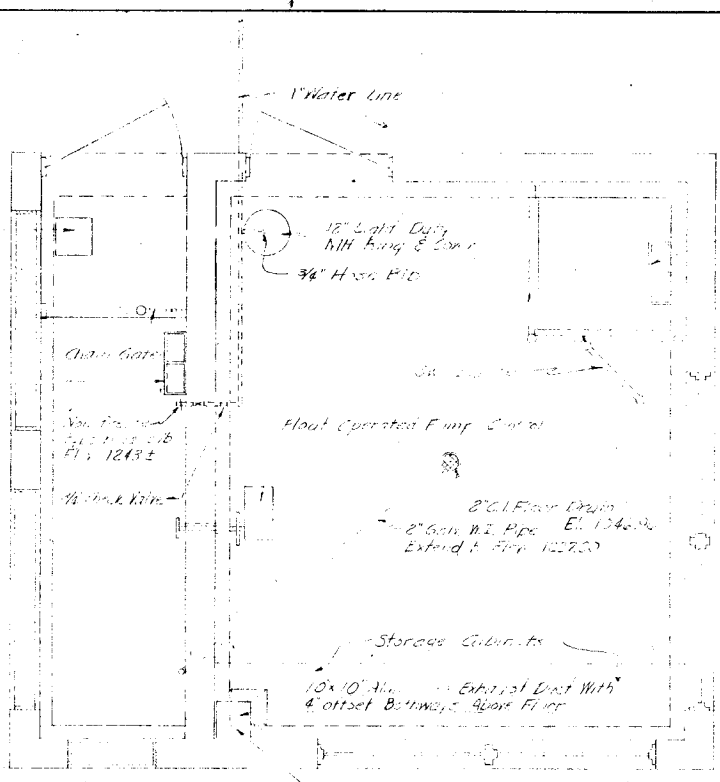
- GENERAL NOTES
1. All concrete shall be placed in accordance with the specifications for concrete for structures exposed to weather and ground contact.
 2. Reinforcing steel shall be furnished by the contractor and shall conform to the requirements of the American Institute of Steel Construction, Inc. (AISC) Specification for Structural Steel Buildings, 1989 Edition.
 3. Concrete cover for reinforcing steel shall be as shown on the drawings and shall be maintained throughout the construction.
 4. Formwork shall be of a type which will produce the desired shape.
 5. Formwork shall be of a type which will produce the desired shape.
 6. Water stop shall be installed in accordance with the manufacturer's instructions.
 7. See mechanical drawings for pipe penetration details.

REVISION	DATE	DESCRIPTION

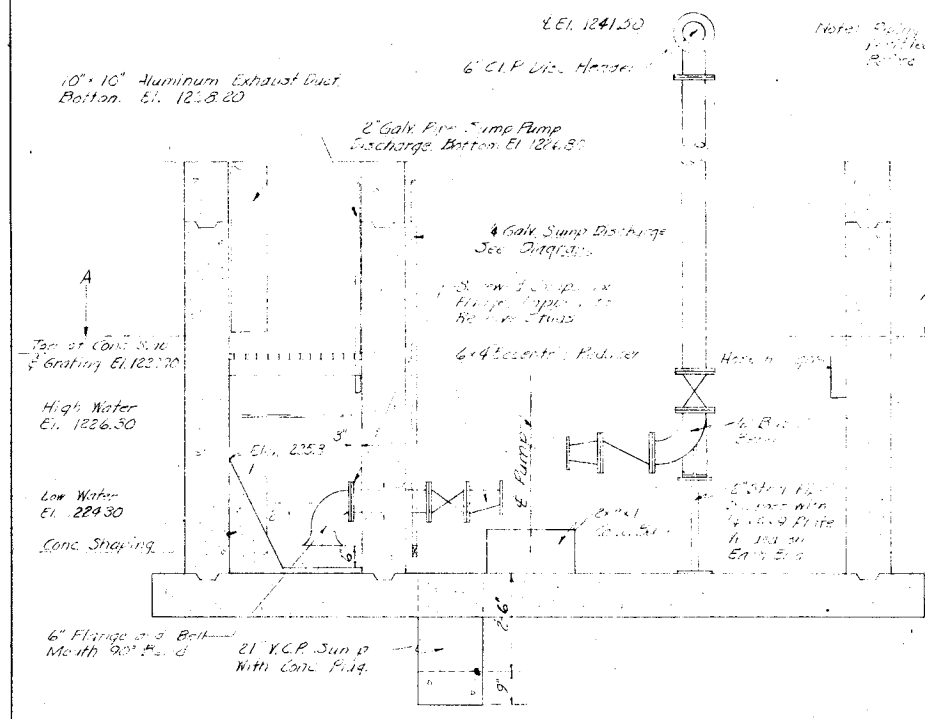
DESIGNED	WADE	DEPARTMENT OF THE AIR HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DRAWN	BENZ	
CHECKED	BOND	FAMILY HOUSING PROGRAM FOR SMOKY HILL AFB, KANSAS
SUBMITTED		
		SEWAGE LIFT STATION STRUCTURAL PLAN & DETAIL
Reviewed and approved/recommended		AF Project No. AF-4
Date		FHA Project No. J02
Approved		Date 12 OCT
Date		Sheet No. 185



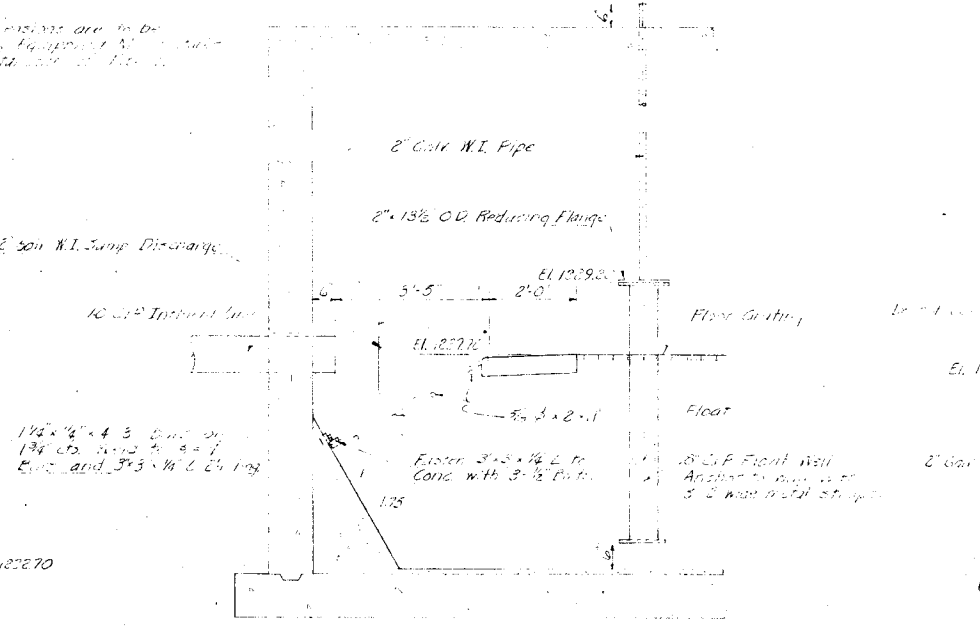
SECTION A-A
Scale: 1/8"=1'-0"



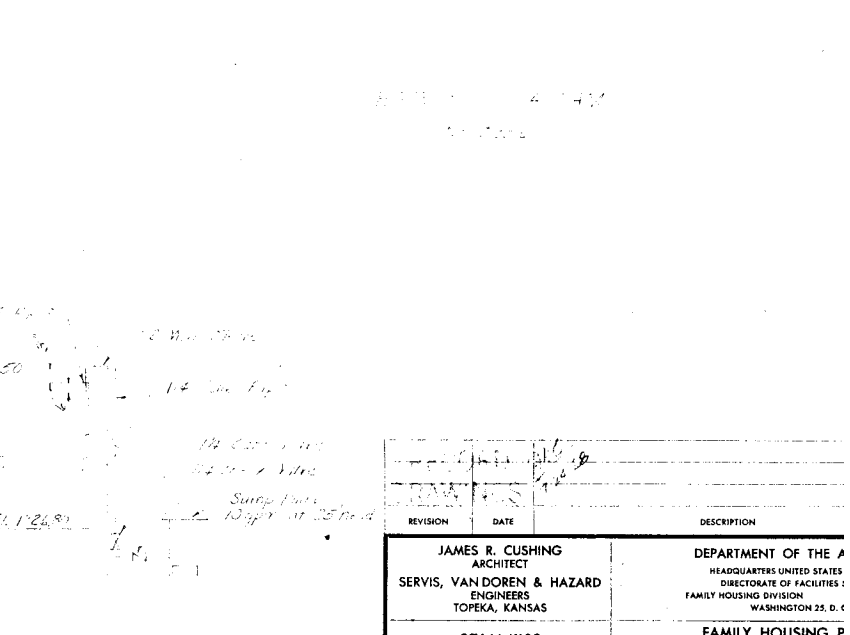
FLOOR PLAN
Scale: 1/8"=1'-0"



SECTION B-B
Scale: 1/8"=1'-0"



SECTION C-C
Scale: 1/8"=1'-0"

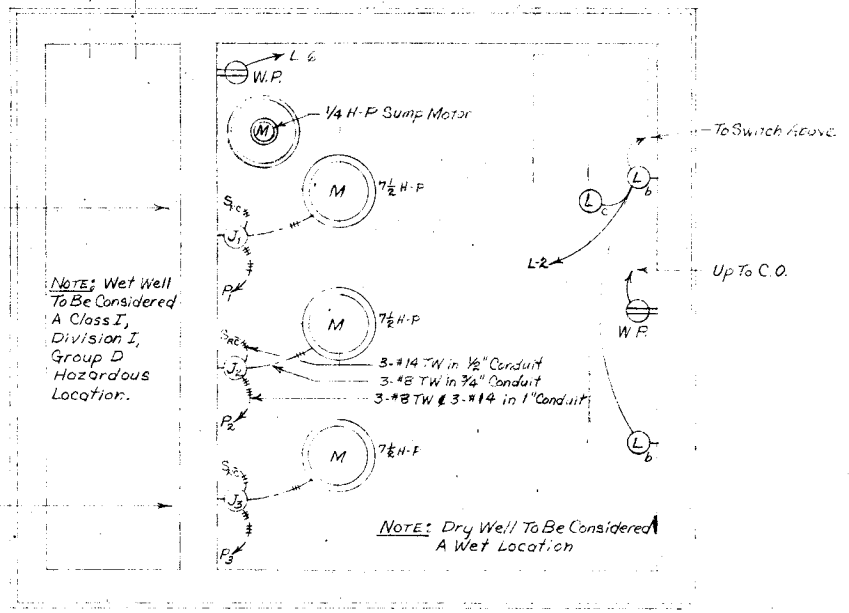


SUMP DISCHARGE DIAGRAM
No Scale

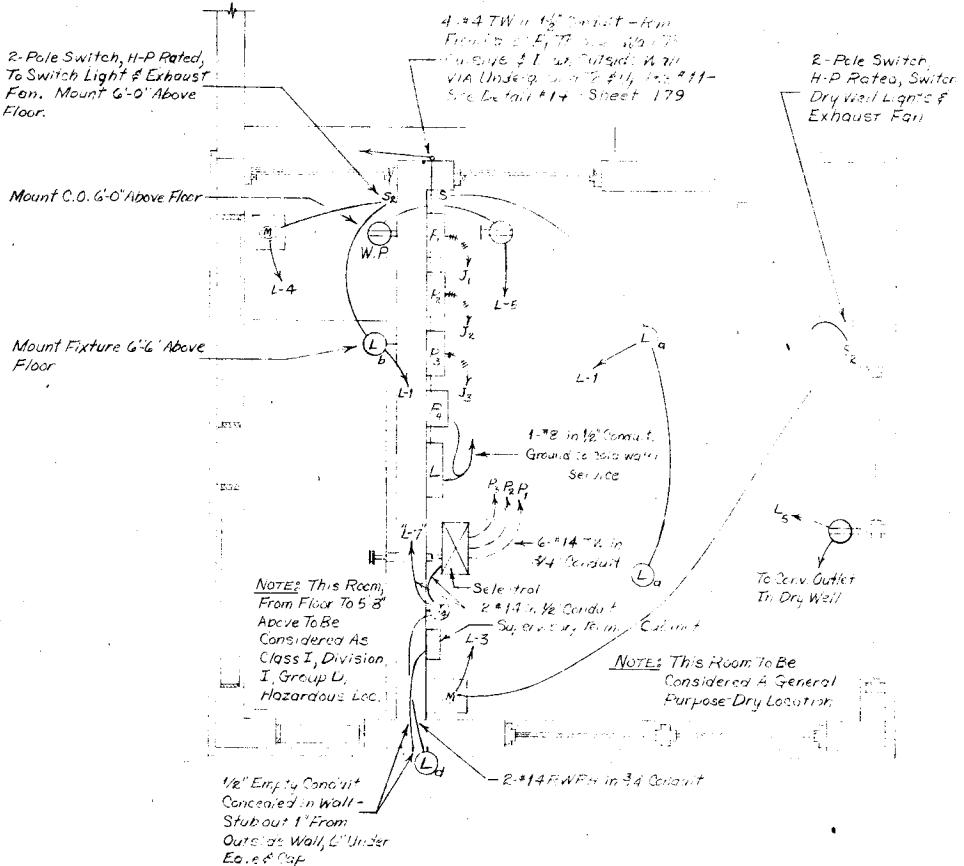
REVISION	DATE	DESCRIPTION

DESIGNED: STALLINGS DRAWN: MC MAHON CHECKED: STALLINGS SUBMITTED:	ARCHITECT ENGINEER JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE ARMY HEADQUARTERS UNITED STATES DIRECTORATE OF FACILITIES FAMILY HOUSING DIVISION WASHINGTON 25, D. C. FAMILY HOUSING PLAN FOR SMOKY HILL AFB, KS SEWAGE LIFT MECHANICAL PLAN & DET.
Reviewed and approval recommended Date:	Approved:	AF Project No. FHA Project No. Date: 12 0 Sheet No. 1 B

All Conduit Exposed On Wall & Up Through Floor To Panels Above



ELECTRICAL PLAN - WELL LEVEL
SCALE: 1/2" = 1'-0"



ELECTRICAL PLAN - GROUND LEVEL
SCALE: 1/2" = 1'-0"

MARK	TYPE	WATTS	Mount
a	Mire No. M-112 or Approved Equal	750	Ceiling
b	30" Angle, Cast Iron, Vapor Tight, With Guard, Crouse-Hinds VDB 143 or Approved Equal	300	10'-0" Ceiling
c	Shimada Bow Reflector, C-H VDB 17 or Approved Equal	300	Ceiling
d	Ceiling Grid Light Fixture, 150 Watt, 150	150	Ceiling

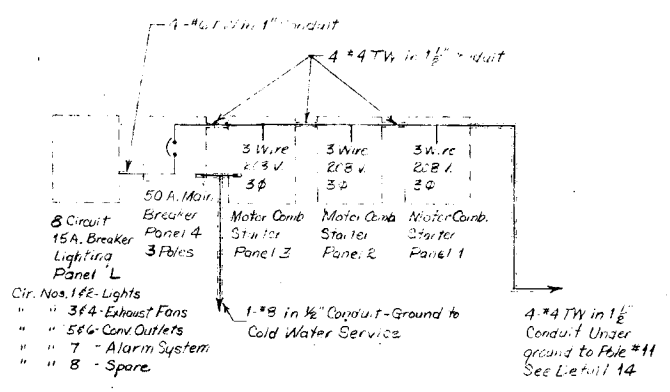
NOTE: 1. Mount Dry Well Light Fixtures 1'6" Above Floor, Except as Noted.

2. Mount Switches 4'6" Above Floor, Except as Noted.

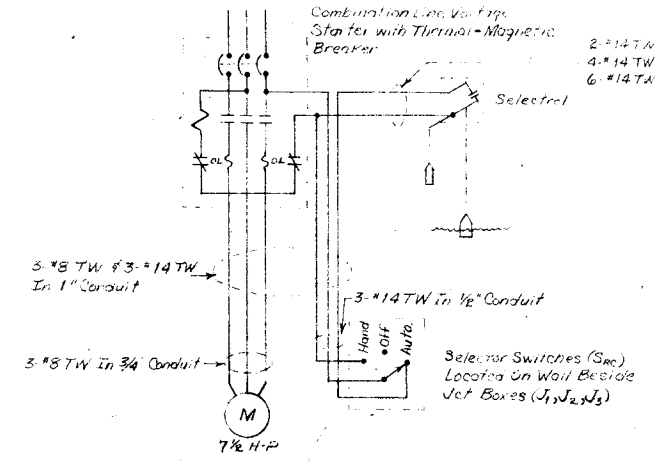
3. Mount Fixtures 4'6" Above Floor To Center of Enclosure.

4. Motor Starters To Be Combination A-C Magnetic Starters, Mount Breaker Type.

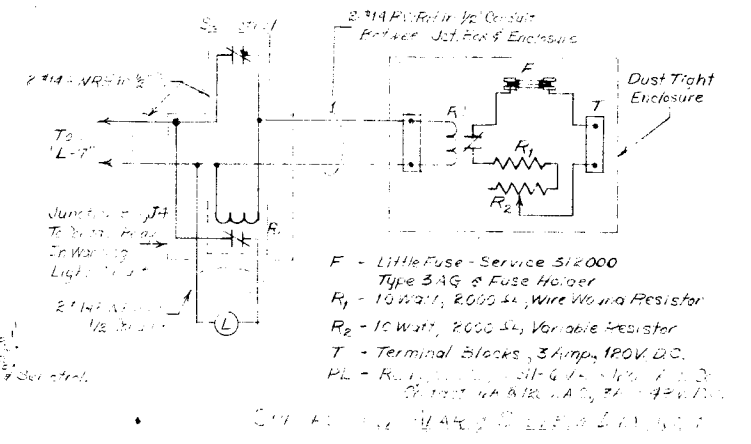
5. All Wiring To Be #14 TW in 1/2" Conduit, Except as Noted.



ELECTRICAL PANEL BLOCK DIAGRAM



PUMP MOTOR STARTER WIRING DIAGRAM



REVISION	DATE	DESCRIPTION

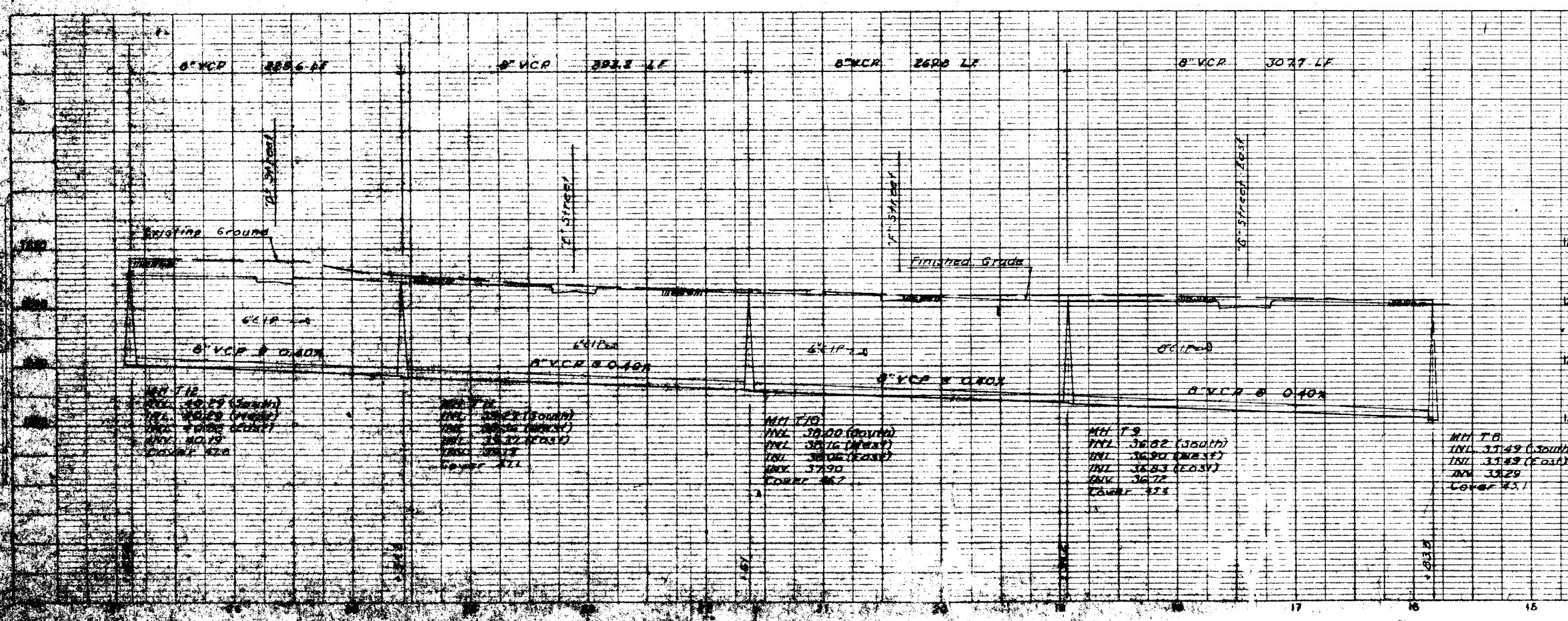
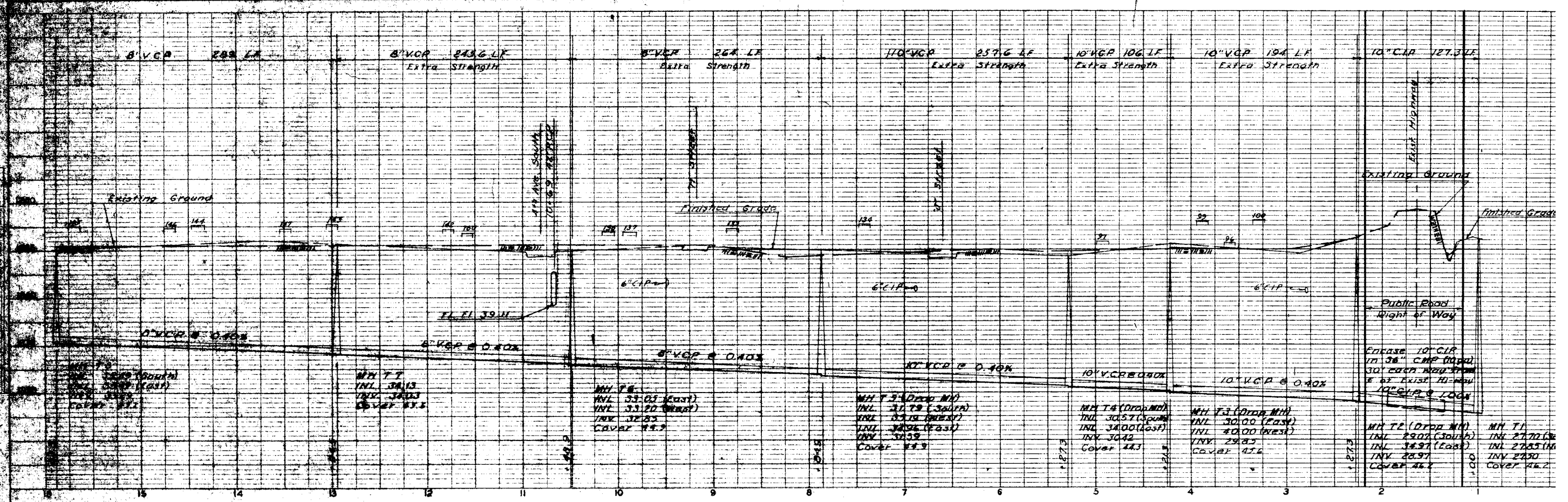
JAMES R. CUSHING ARCHITECT	DEPARTMENT OF THE AIR HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SU FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KAN
DESIGNED COLE	SEWAGE LIFT STATION
DRAWN COLE	ELECTRICAL PLAN & DET.
CHECKED UNREIN	
SUBMITTED	
L. M. Van Doren ARCHITECT-ENGINEER	
Reviewed and approval recommended	
Date	Deputy JED
Approved	
Date	

AF Project No. A

FHA Project No. 1

Date 12 OCT

Sheet No. 187



- GENERAL NOTES**
- For horizontal control dimension for location of all sanitary sewer lines, gas lines, storm sewer or water lines, etc refer to the respective detail site plans.
 - Indicates floor elevations adjacent housing units.

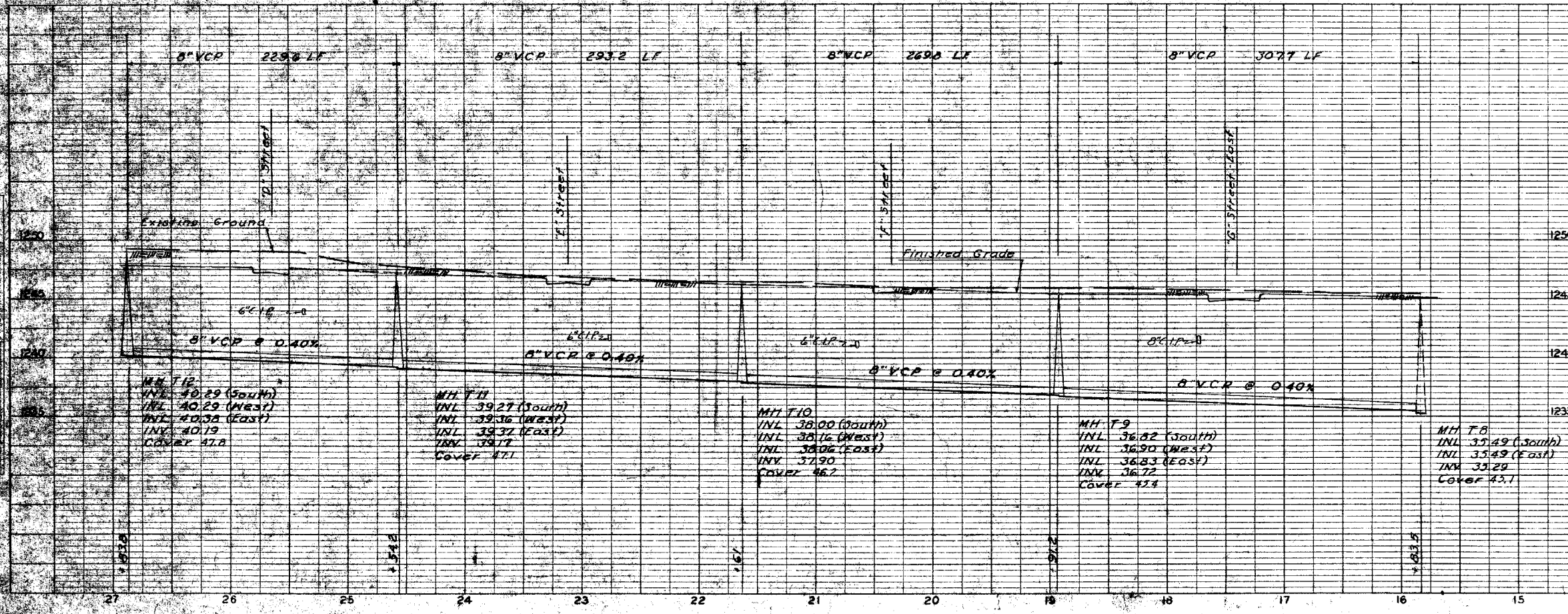
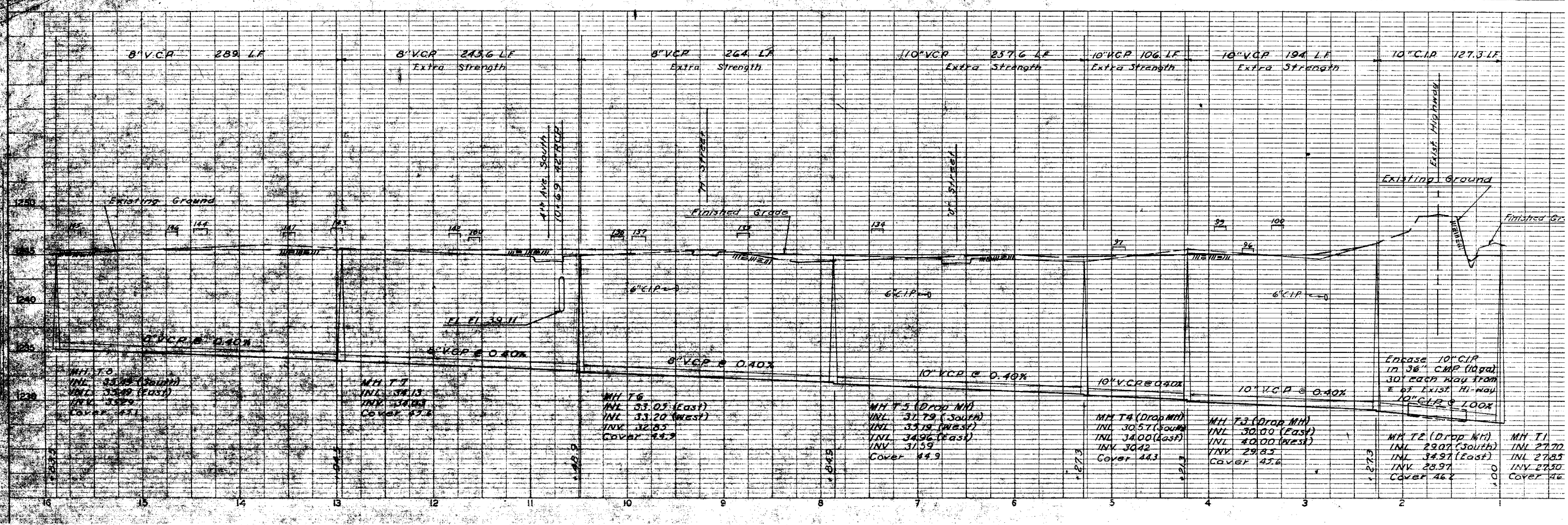
RECORD DRAWINGS

ADAPTED FOR OFF SITE UTILITIES CONTRACT

REVISION	DATE	DESCRIPTION

DESIGNED: ARMSTRONG DRAWN: ARMSTRONG CHECKED: SWANSON SUBMITTED:	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS PROFILES SANITARY SEWER MH T-8 TO MH T-1, MH T-12 AF Project No. AF-67 FHA Project No. 102-B Date 12 OCT 68 Sheet No. 198 of

Approved: *James R. Cushing*
 Date: *12 OCT 68*



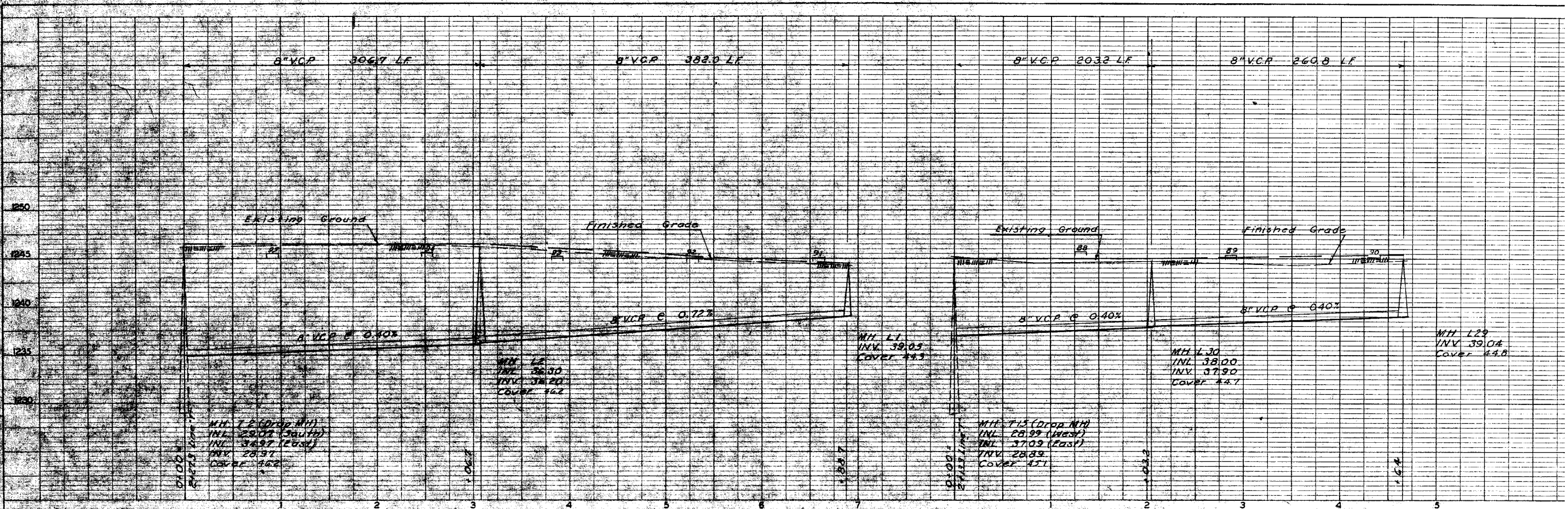
GENERAL NOTES

1. For horizontal control dimensions for location of all sanitary sewer lines, gas lines, storm sewer water lines, etc. refer to respective detail site plans.
2. $\overline{\text{FIN}}$ indicates floor elevation adjacent housing units.

REVISION	DATE	DESCRIPTION

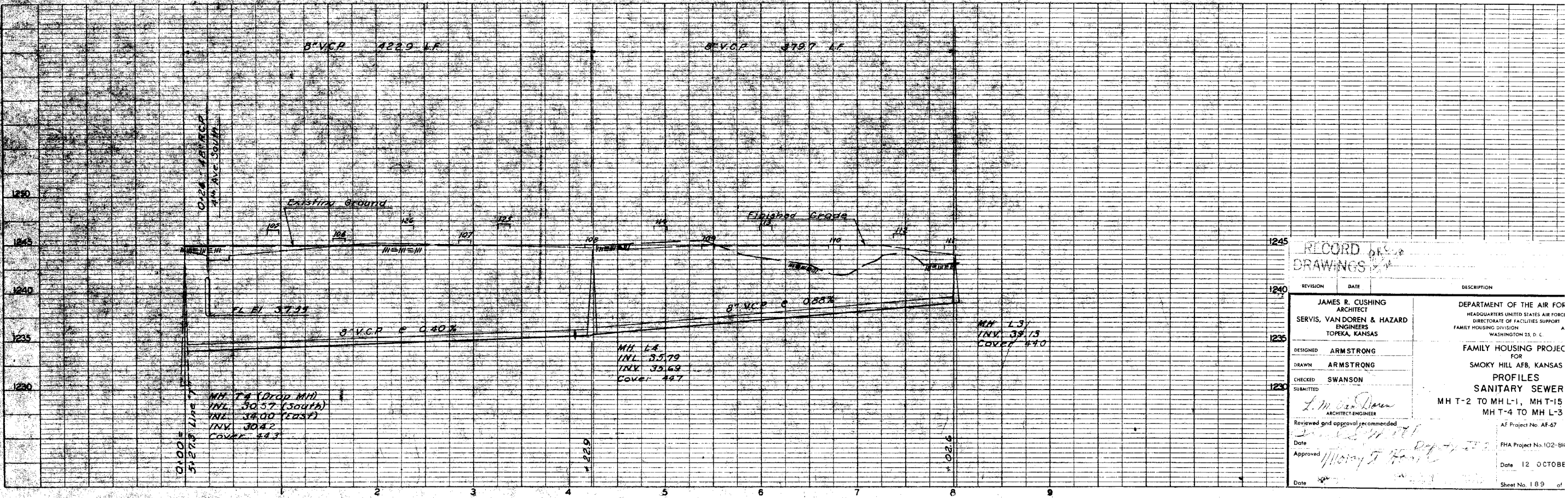
JAMES R. CUSHING ARCHITECT		DEPARTMENT OF THE AIR HEADQUARTERS UNITED STATES AIR DIRECTORATE OF FACILITIES SUP FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS		FAMILY HOUSING PRG FOR SMOKY HILL AFB, KAN	
DESIGNED	ARMSTRONG	PROFILES SANITARY SEW	
DRAWN	ARMSTRONG	MH T-8 TO MH T-1, MH T	
CHECKED	SWANSON	AF Project No. AF	
SUBMITTED		FHA Project No. IC	
Reviewed and approval recommended Date _____ Approved _____ Date 12 OCT		Sheet No. 18B	

NO. 1000
 DATE 10/12/67
 DRAWN BY J. M. VAN DOREN
 CHECKED BY M. J. SWANSON
 SUBMITTED BY J. M. VAN DOREN



For General Notes See Sheet

NO. 1001
 DATE 10/12/67
 DRAWN BY J. M. VAN DOREN
 CHECKED BY M. J. SWANSON
 SUBMITTED BY J. M. VAN DOREN



RECORD OF DRAWINGS

REVISION	DATE	DESCRIPTION
1		DESIGNED BY JAMES R. CUSHING
2		DRAWN BY ARMSTRONG
3		CHECKED BY SWANSON
4		SUBMITTED BY J. M. VAN DOREN

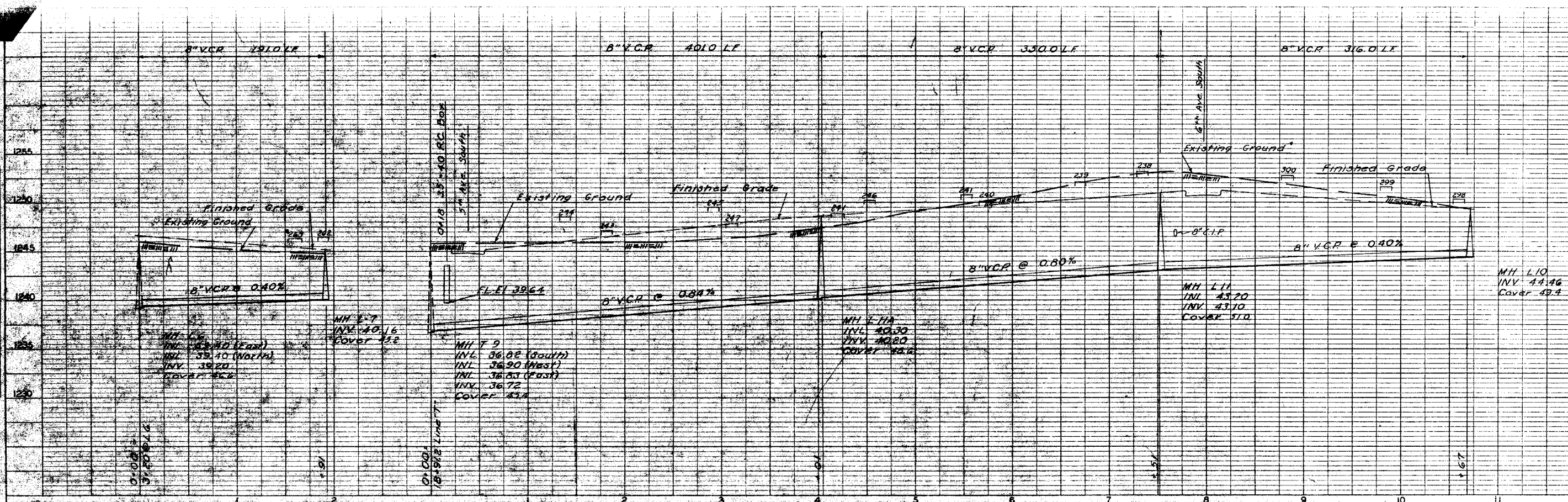
Reviewed and approved recommended
 Date _____
 Approved _____
 Date 12 OCTOBER 1967

DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION
 WASHINGTON 25, D. C.

FAMILY HOUSING PROJECT
 FOR
 SMOKY HILL AFB, KANSAS
 PROFILES
 SANITARY SEWER
 MH T-2 TO MH L-1, MH T-15
 MH T-4 TO MH L-3

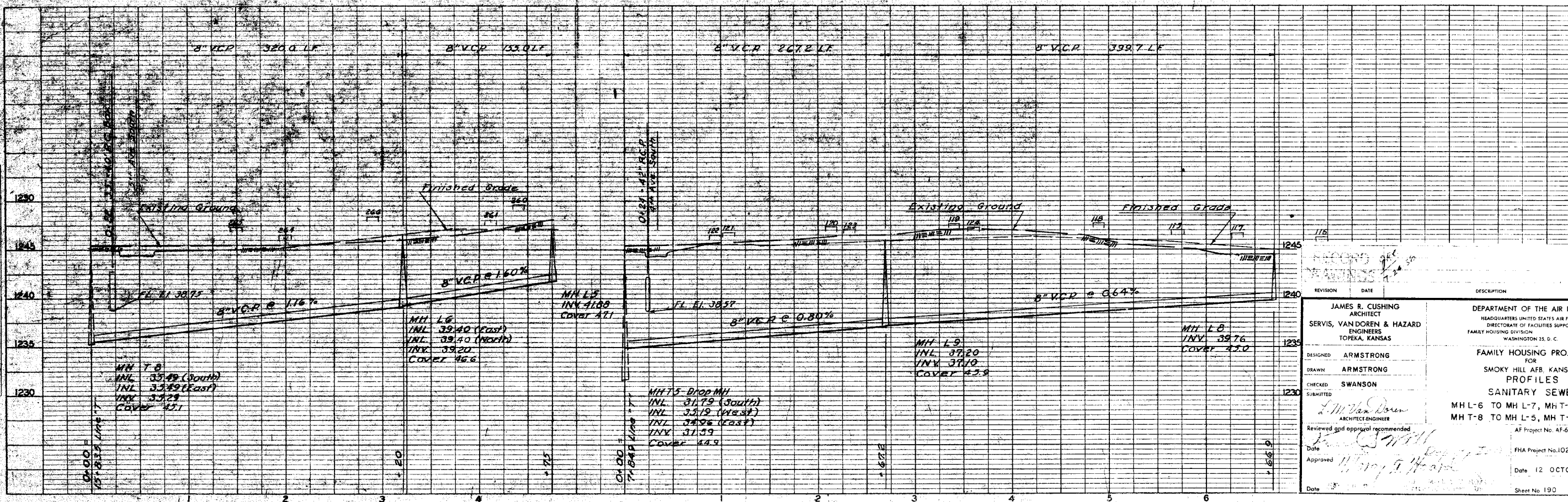
AF Project No. AF-67
 FHA Project No. 102-514
 Sheet No. 189 of

PROFILE
 DATE
 DRAWN BY
 CHECKED BY
 APPROVED BY



For General Notes See Sheet

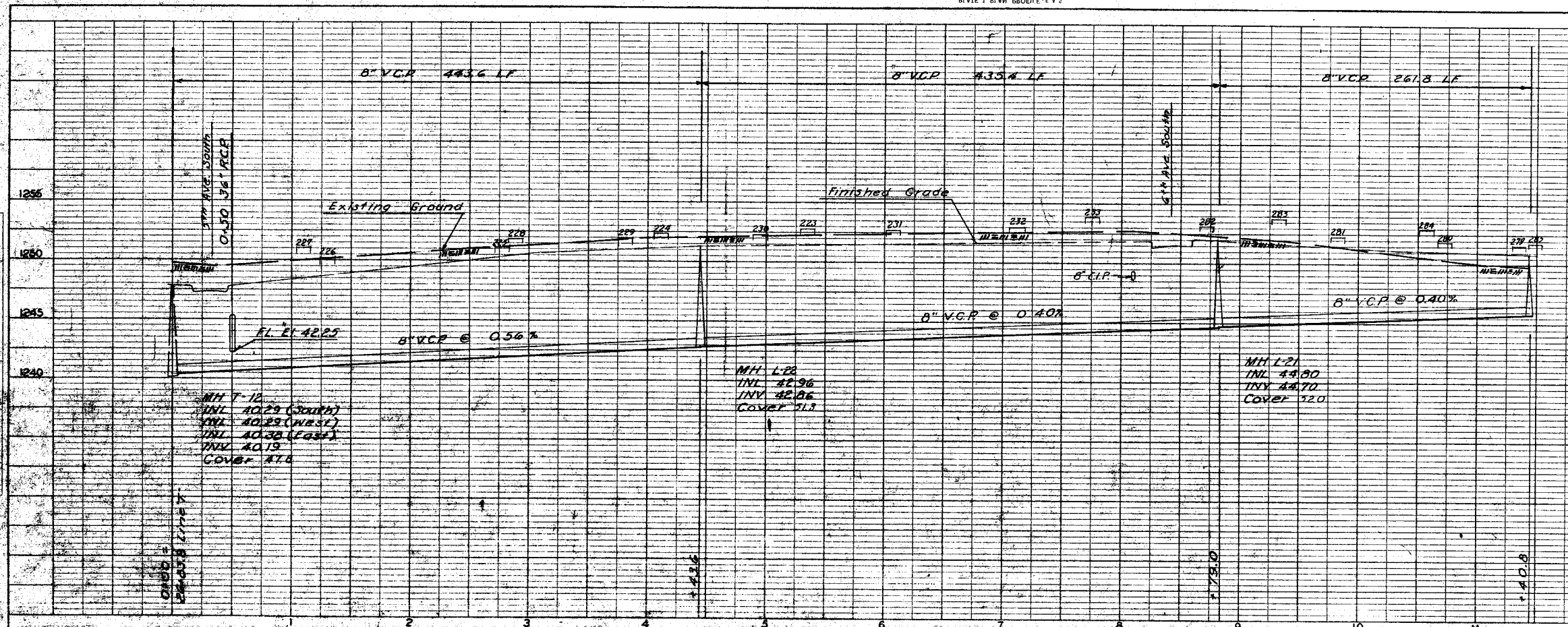
PROFILE
 DATE
 DRAWN BY
 CHECKED BY
 APPROVED BY



REVISION	DATE	DESCRIPTION

JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FC HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED ARMSTRONG DRAWN ARMSTRONG CHECKED SWANSON SUBMITTED L.M. Van Doren ARCHITECT-ENGINEER Reviewed and approval recommended Date Approved Date	FAMILY HOUSING PROJE FOR SMOKY HILL AFB, KANSAS PROFILES SANITARY SEWER MHL-6 TO MHL-7, MHL-9 MHL-8 TO MHL-5, MHL-8 AF Project No. AF-67 AF Project No. 102- Date 12 OCTO 61 Sheet No. 190

NO. 10
DATE BOOK
CHECKED
DRAWN
REVISIONS
DATE



MH L-20
INV 43.85
COVER 30.9

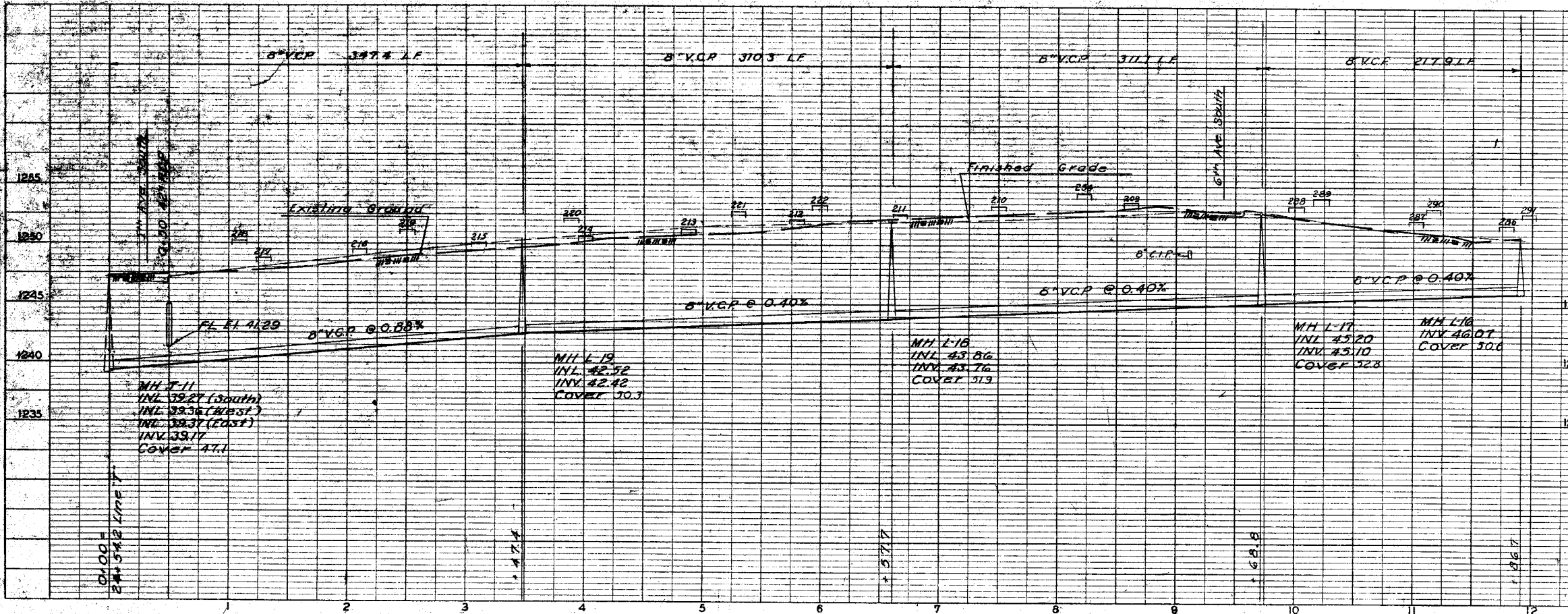
MH L-21
INV 43.80
INV 43.70
COVER 32.0

MH L-22
INV 42.96
INV 42.86
COVER 31.3

MH T-12
INV 40.29 (South)
INV 40.29 (West)
INV 40.30 (East)
INV 40.19
COVER 37.8

For General Notes See Sheet 18

NO. 11
DATE BOOK
CHECKED
DRAWN
REVISIONS
DATE



1245

1240

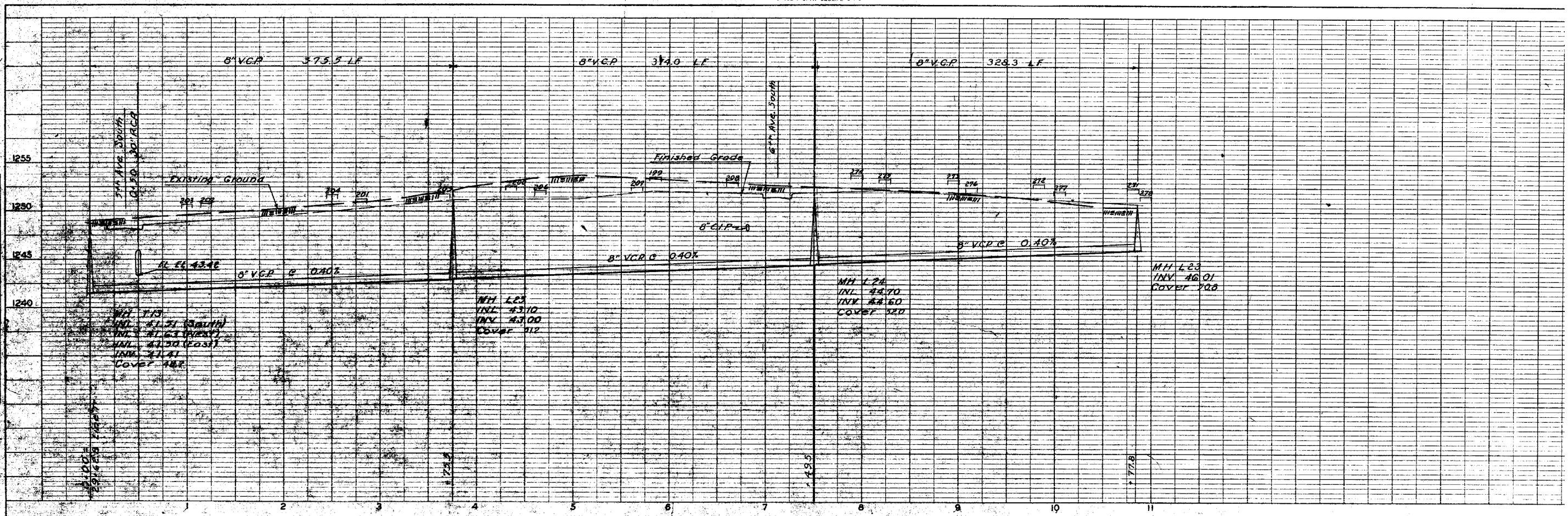
1235

REVISION	DATE	DESCRIPTION

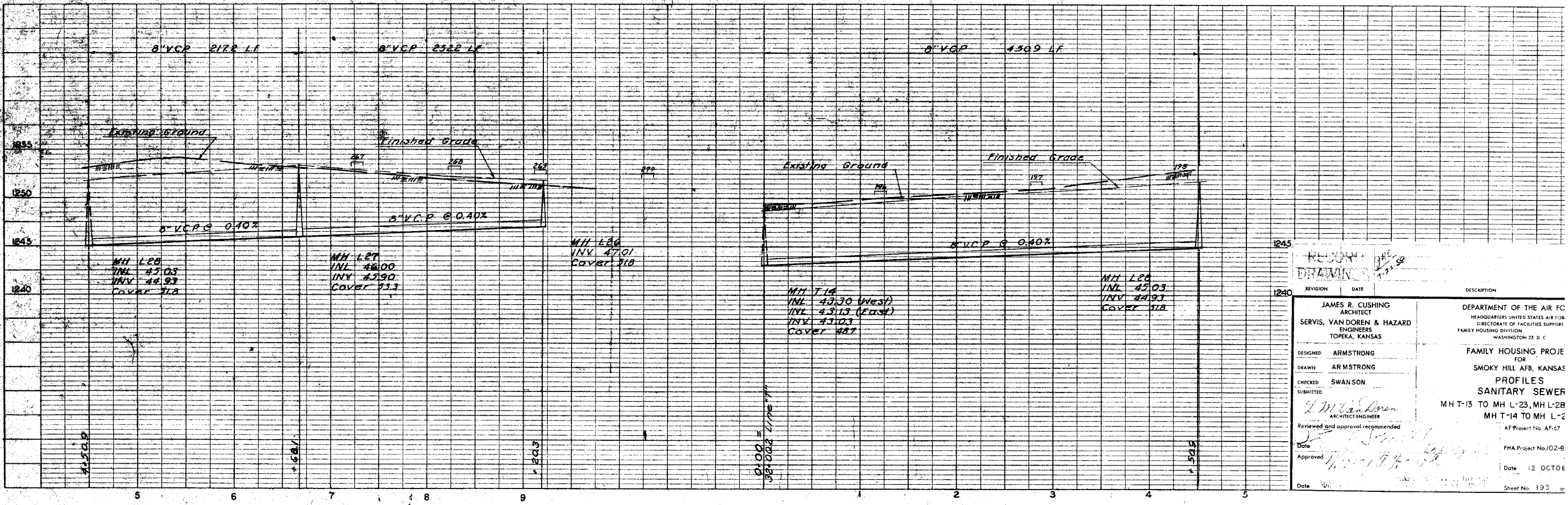
JAMES R. CUSHING ARCHITECT	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT
SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED ARMSTRONG	FAMILY HOUSING PROJEC FOR SMOKY HILL AFB, KANSAS
DRAWN ARMSTRONG	PROFILES SANITARY SEWER MH T-12 TO MH L-20, MH T-11
CHECKED SWANSON	
SUBMITTED	
Reviewed and approval recommended Date Approved	AF Project No. AF-67 FHA Project No. 102-B Date 12 OCTOBER Sheet No. 192 of

11/10/58
CUSHING ARCHITECTS
SERVIS, VAN DOREN & HAZARD
ENGINEERS
TOPEKA, KANSAS

NO. 1
DATE
SCALE
SHEET NO.
PROJECT NO.



For General Notes See Sheet

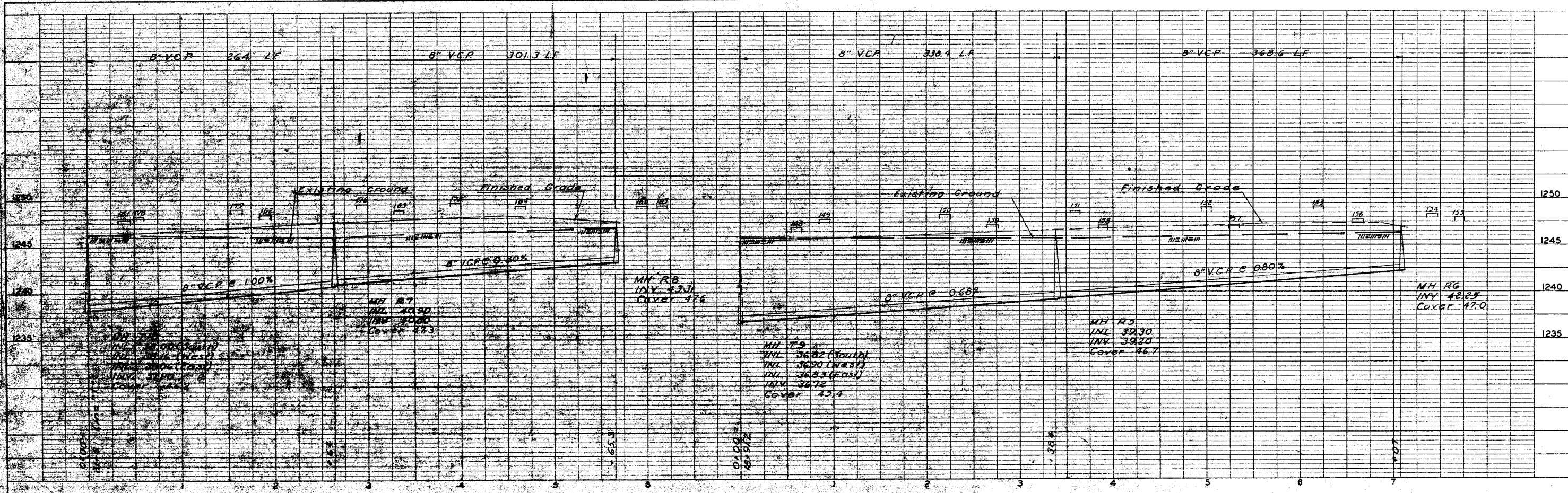


REVISION DATE DESCRIPTION

REVISION	DATE	DESCRIPTION
1	11-11-58	AS SHOWN

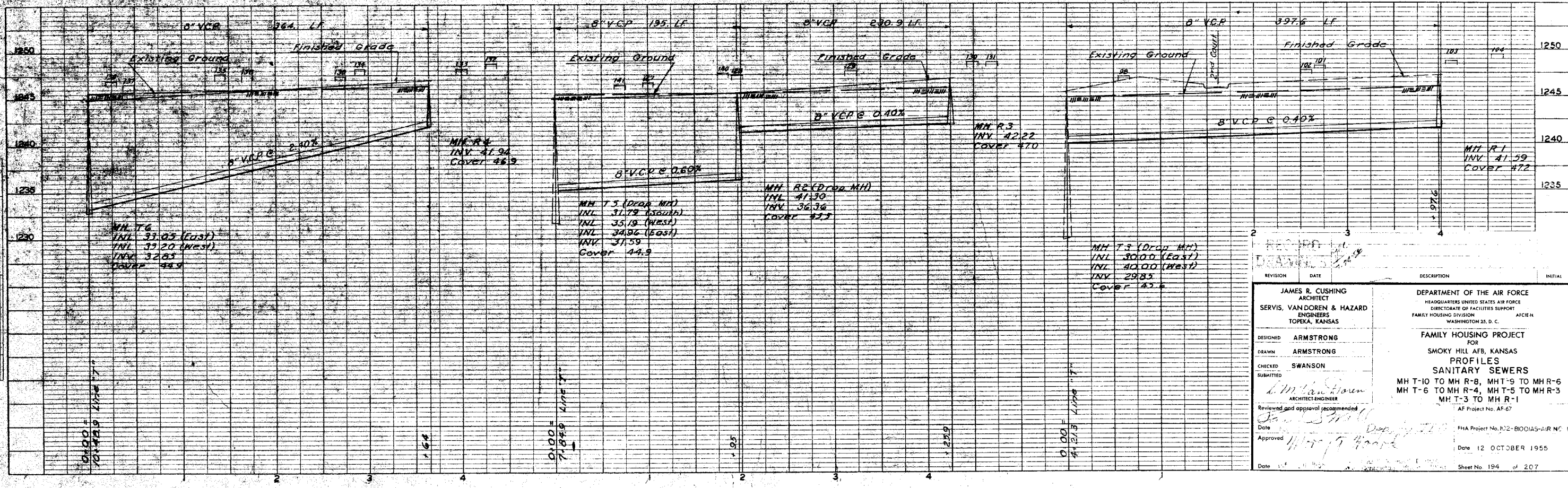
JAMES R. CUSHING ARCHITECT SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25 D. C.
DESIGNED: ARMSTRONG DRAWN: ARMSTRONG CHECKED: SWANSON SUBMITTED:	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS PROFILES SANITARY SEWER MHT-13 TO MH L-23, MH L-28 MHT-14 TO MH L-2
L.M. Anderson ARCHITECT-ENGINEER Reviewed and approval recommended Date:	AF Project No. AF-27 FHA Project No. J02-6 Date: 12 OCTOBER Sheet No. 193 of

PROJECT NO. 101-251-1136-7
 DATE 10/19/55
 DRAWN BY: ARMSTRONG
 CHECKED BY: SWANSON
 APPROVED BY: JAMES R. CUSHING



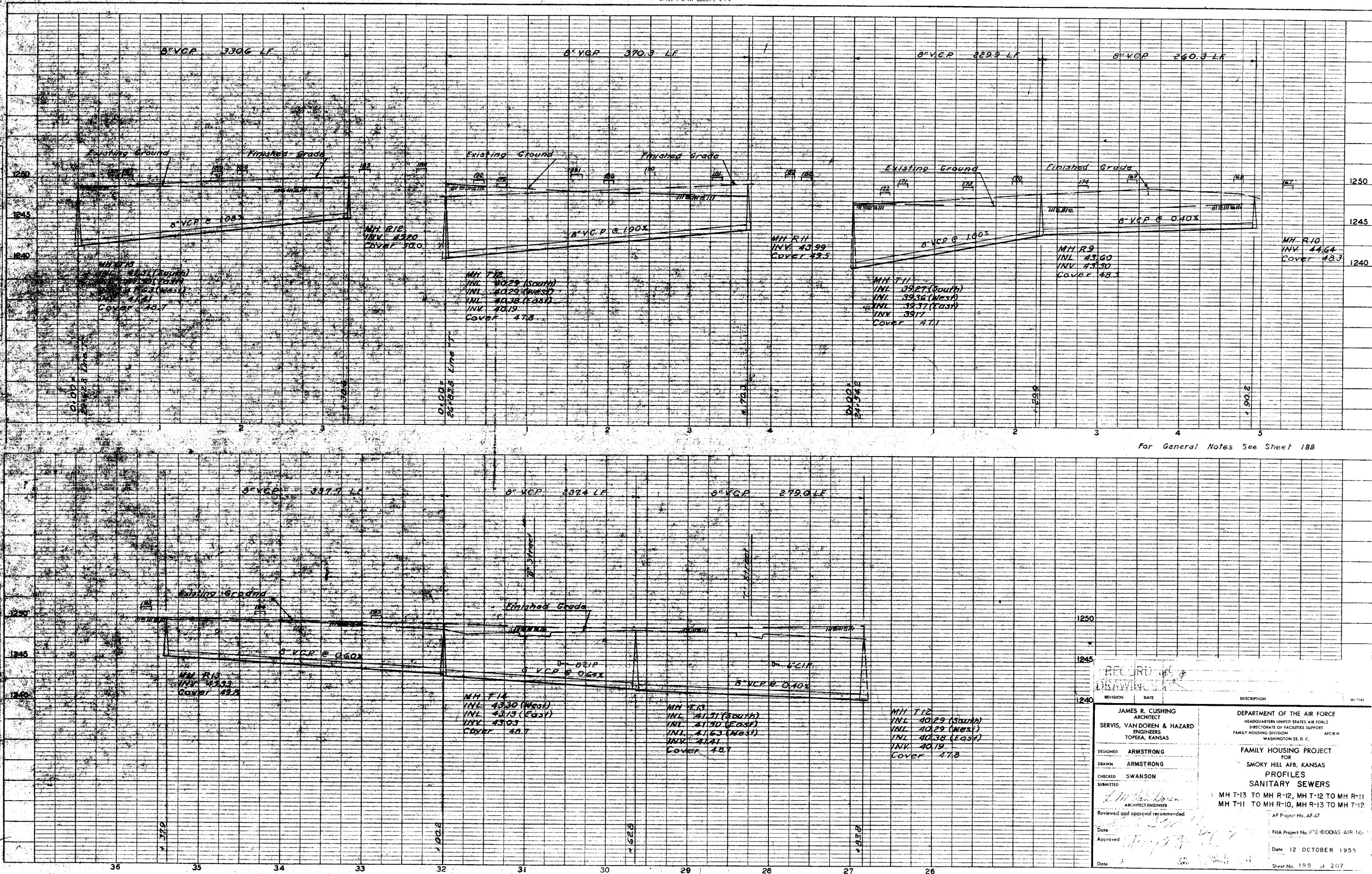
For General Notes See Sheet 188

PROJECT NO. 101-251-1136-7
 DATE 10/19/55
 DRAWN BY: ARMSTRONG
 CHECKED BY: SWANSON
 APPROVED BY: JAMES R. CUSHING



REVISION	DATE	DESCRIPTION	INITIAL

JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED: ARMSTRONG DRAWN: ARMSTRONG CHECKED: SWANSON SUBMITTED: <i>J. M. Van Doren</i> ARCHITECT-ENGINEER Reviewed and approval recommended: <i>J. M. Van Doren</i> Date: <i>10/19/55</i> Approved: <i>J. M. Van Doren</i>	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS PROFILES SANITARY SEWERS MH T-10 TO MH R-8, MHT-5 TO MHR-6 MH T-6 TO MH R-4, MH T-5 TO MHR-3 MH T-3 TO MHR-1 AF Project No. AF-67
Date: 12 OCTOBER 1955 Sheet No. 194 of 207	Date: 12 OCTOBER 1955 Sheet No. 194 of 207



For General Notes See Sheet 188

RECORDED & INDEXED

REVISION	DATE	DESCRIPTION	INITIAL

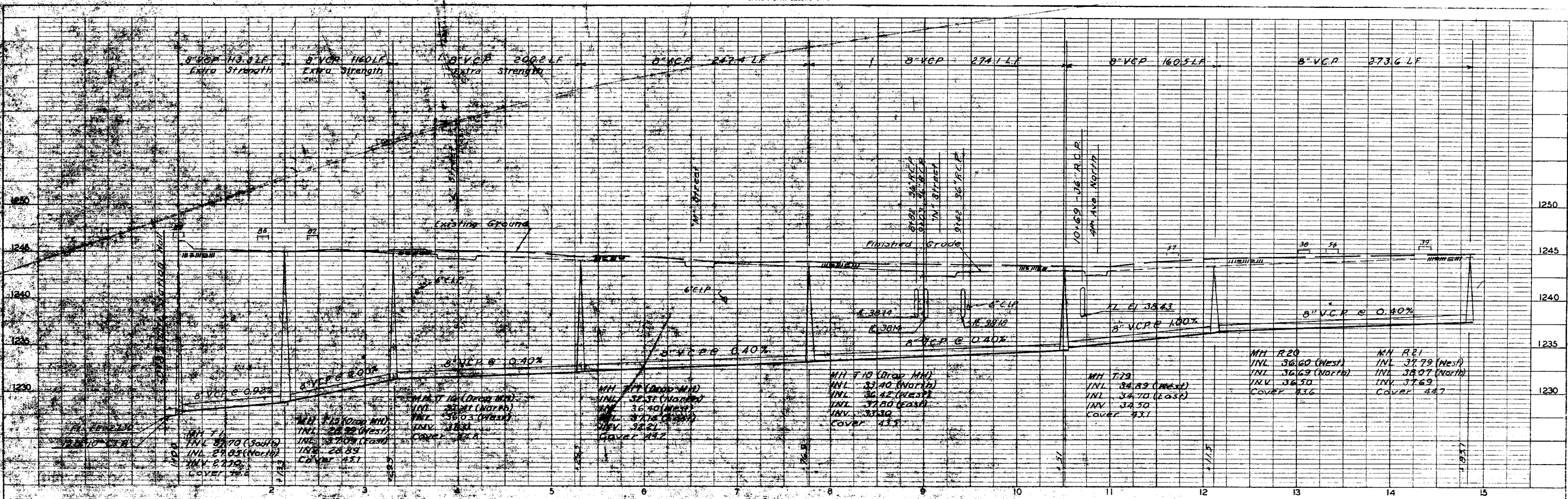
JAMES R. CUSHING
 ARCHITECT
 SERVIS, VANDOREN & HAZARD
 ENGINEERS
 TOPEKA, KANSAS

DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION
 WASHINGTON 25, D. C. AFCEK

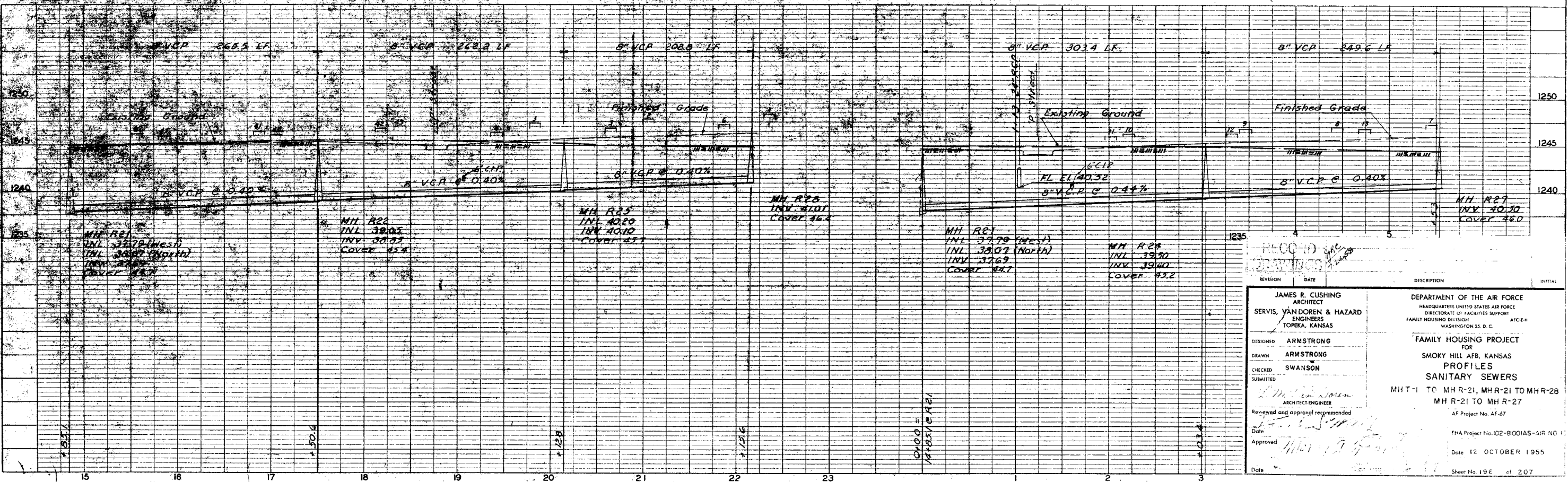
DESIGNED: ARMSTRONG
 DRAWN: ARMSTRONG
 CHECKED: SWANSON
 SUBMITTED:

FAMILY HOUSING PROJECT
 FOR
 SMOKY HILL AFB, KANSAS
 PROFILES
 SANITARY SEWERS
 MH T-13 TO MH R-12, MH T-12 TO MH R-11
 MH T-11 TO MH R-10, MH R-13 TO MH T-12

AF Project No. AF-67
 FHA Project No. 102-610045-AIR-10
 Date 12 OCTOBER 1955
 Sheet No. 195 of 207



For General Notes See Sheet 188



REVISION	DATE	DESCRIPTION	INITIAL

JAMES R. CUSHING
 ARCHITECT
 SERVIS, VANDOREN & HAZARD
 ENGINEERS
 TOPEKA, KANSAS

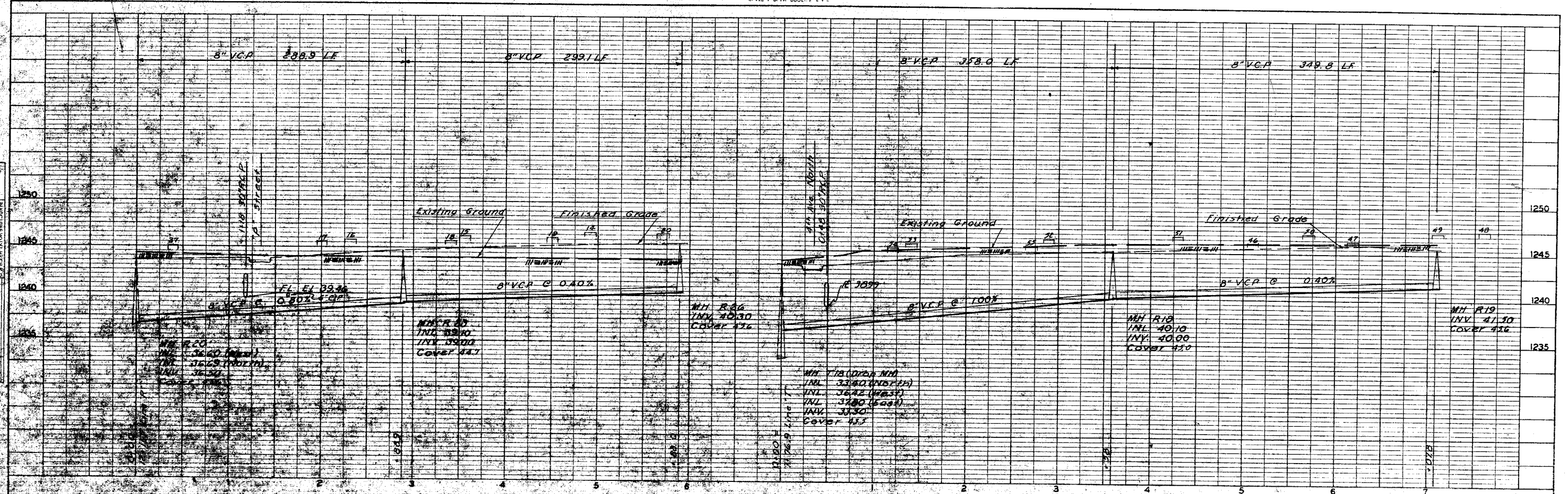
DESIGNED: ARMSTRONG
 DRAWN: ARMSTRONG
 CHECKED: SWANSON
 SUBMITTED:

DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION
 WASHINGTON 25, D. C.

FAMILY HOUSING PROJECT
 FOR
 SMOKY HILL AFB, KANSAS
 PROFILES
 SANITARY SEWERS
 MHT-1 TO MHR-21, MHR-21 TO MHR-28
 MHR-21 TO MHR-27
 AF Project No. AF-67

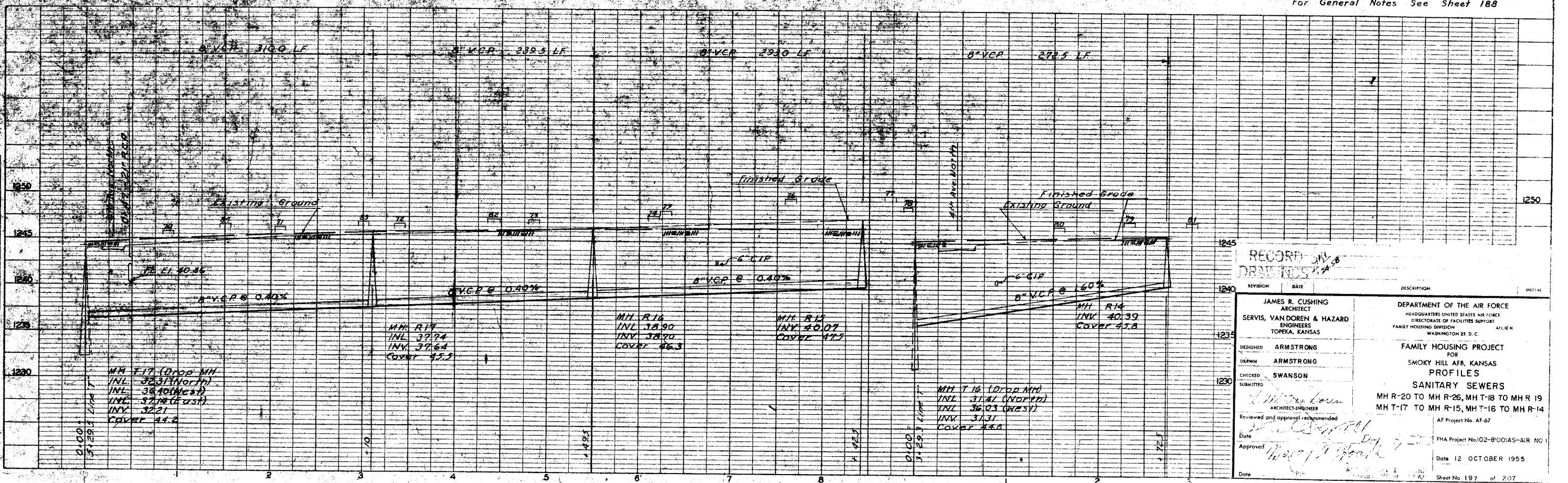
Date: 12 OCTOBER 1955
 Sheet No. 196 of 207

NO. 1
DATE: 10/12/55
PROJECT: SANITARY SEWERS
DRAWN BY: J. R. CUSHING
CHECKED BY: J. R. CUSHING
APPROVED BY: J. R. CUSHING



For General Notes See Sheet 188

NO. 2
DATE: 10/12/55
PROJECT: SANITARY SEWERS
DRAWN BY: J. R. CUSHING
CHECKED BY: J. R. CUSHING
APPROVED BY: J. R. CUSHING



RECORD COPY
DRAWINGS

REVISION	DATE	DESCRIPTION	INITIALS

DESIGNED BY: ARMSTRONG
DRAWN BY: ARMSTRONG
CHECKED BY: SWANSON
SUBMITTED BY: J. R. CUSHING

Reviewed and approval recommended:
Date: 10/12/55
Approved: J. R. Cushing

JAMES R. CUSHING
ARCHITECT
SERVIS, VAN DOREN & HAZARD
ENGINEERS
TOPEKA, KANSAS

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
DIRECTORATE OF FACILITIES SUPPORT
FAMILY HOUSING DIVISION
WASHINGTON 25 D. C.

DESIGNED BY: ARMSTRONG
DRAWN BY: ARMSTRONG
CHECKED BY: SWANSON
SUBMITTED BY: J. R. CUSHING

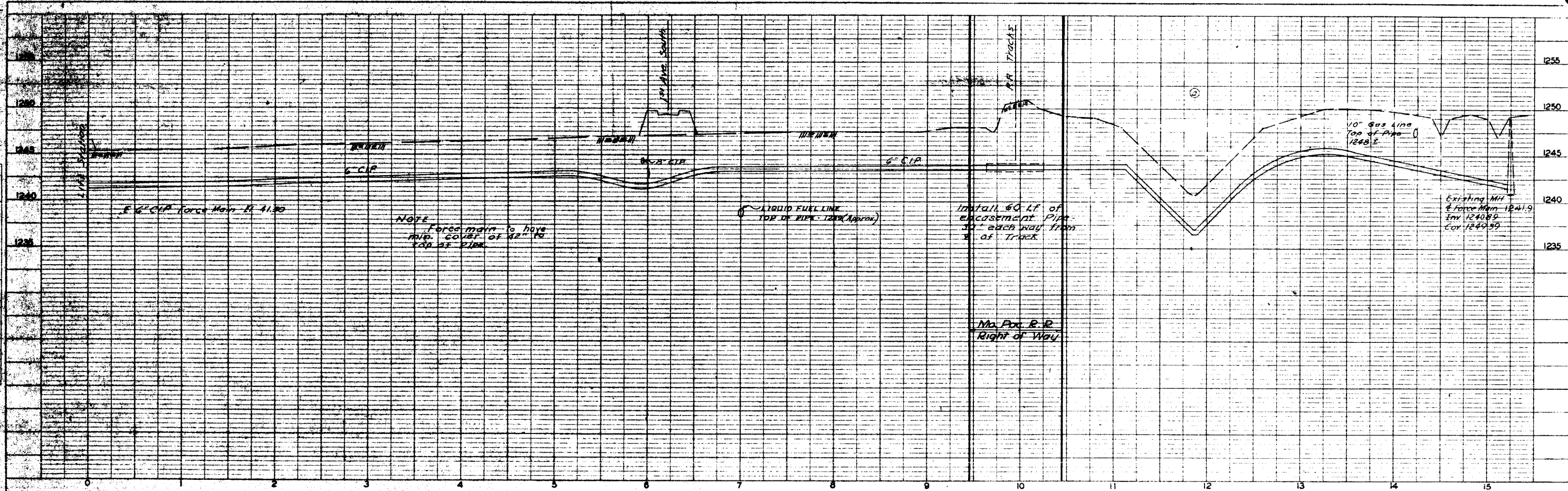
ARCHITECT-ENGINEER

FAMILY HOUSING PROJECT
FOR
SMOKY HILL AFB, KANSAS
PROFILES
SANITARY SEWERS
MH R-20 TO MH R-26, MH T-18 TO MH R 19
MH T-17 TO MH R-15, MH T-16 TO MH R-14

AF Project No. AF-67
FHA Project No. J02-B'001AS-AIR NO 1
Date: 12 OCTOBER 1955

Sheet No. 197 of 207

NOTES
 1. ALL WORK TO BE ACCORDING TO THE SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS AND FORCE MAINS, 1955 EDITION, AS AMENDED.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS OF WAY.
 3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.



NOTE: Force main to have MIN. COVER OF 42" TO TOP OF PIPE.

LIQUID FUEL LINE TOP OF PIPE - 1240 (APPROX)

Install 60 LF of encasement Pipe 30" each way from S of Track

No. For R-R Right of Way

Existing MH & Force Main 1241.9 Elev. 1240.85 Cov. 1249.55

For General Notes See Sheet 188

NOTES
 1. ALL WORK TO BE ACCORDING TO THE SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS AND FORCE MAINS, 1955 EDITION, AS AMENDED.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS OF WAY.
 3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

RECORD DRAWINGS

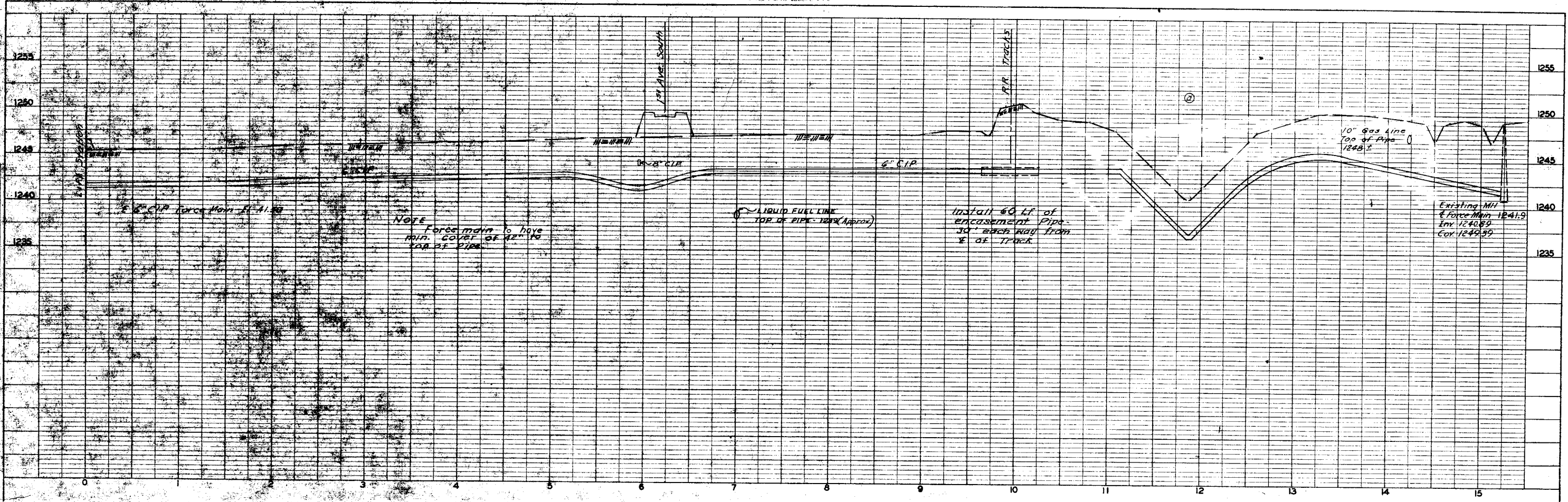
8/5/56 ADAPTED FOR OFF SITE UTILITIES CONTRACT
 12/5/56 Revised Force Main Profile

REVISION	DATE	DESCRIPTION	INITIAL
1	8/5/56	ADAPTED FOR OFF SITE UTILITIES CONTRACT	J.M.P.
2	12/5/56	Revised Force Main Profile	J.M.P.

DESIGNED: ARMSTRONG DRAWN: WILLIAMS CHECKED: SWANSON SUBMITTED: L.M. VanDoren ARCHITECT ENGINEER Reviewed and approval recommended: [Signature] Date: 10/12/55 Approved: [Signature] Date: 10/12/55	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION AFCEH WASHINGTON 25, D. C. FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS PROFILES SANITARY SEWERS FORCE MAIN AF Project No. AF-67 FHA Project No. 102-BIOCIAS-51R NO Date 12 OCTOBER 1955 MORAY T. JUDGE Chief Engineer USAF Sheet No. 199 of 207
---	--

REVISIONS
 NO. DATE BY
 1 10/12/55 JRM

PROFILE
 DATE 10/12/55
 DRAWN BY WILLIAMS
 CHECKED BY SWANSON
 SUBMITTED BY L.M. VanDoren



NOTE
 Force main to have
 min. COVER OF 42" TO
 TOP OF PIPE

LIQUID FUEL LINE
 TOP OF PIPE 1249 (APPROX)

Install 60 ft of
 encasement pipe
 30" each way from
 E OF TRACK

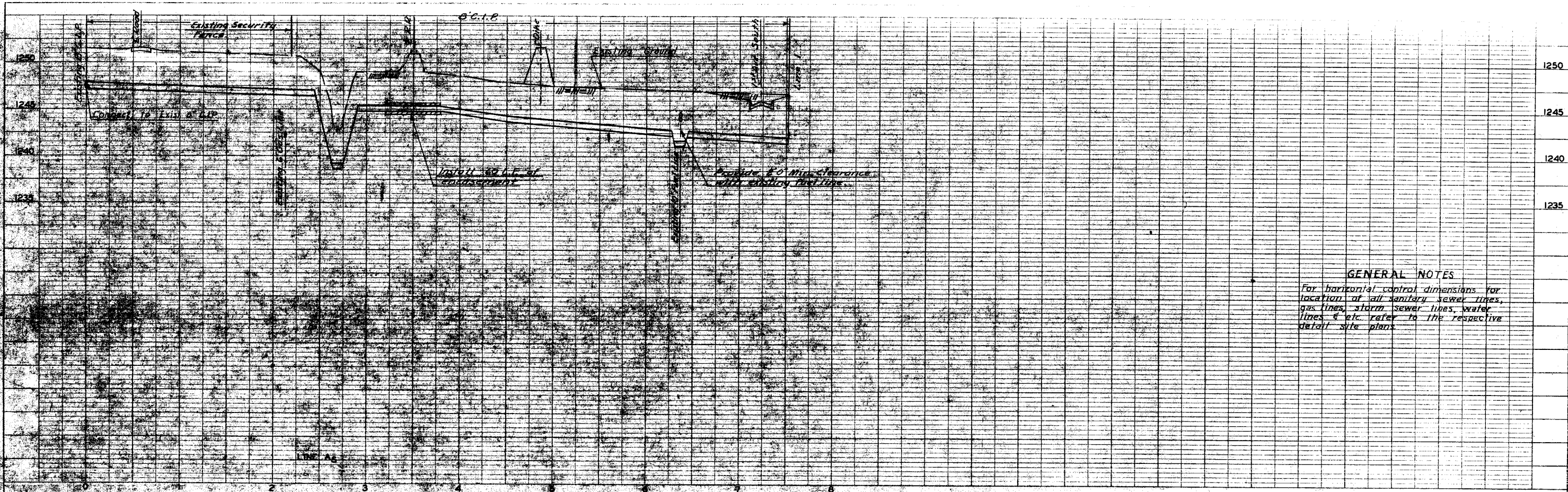
Existing MH
 Force Main 1241.9
 Inv 1240.89
 Cov 1249.99

For General Notes See Sheet 188

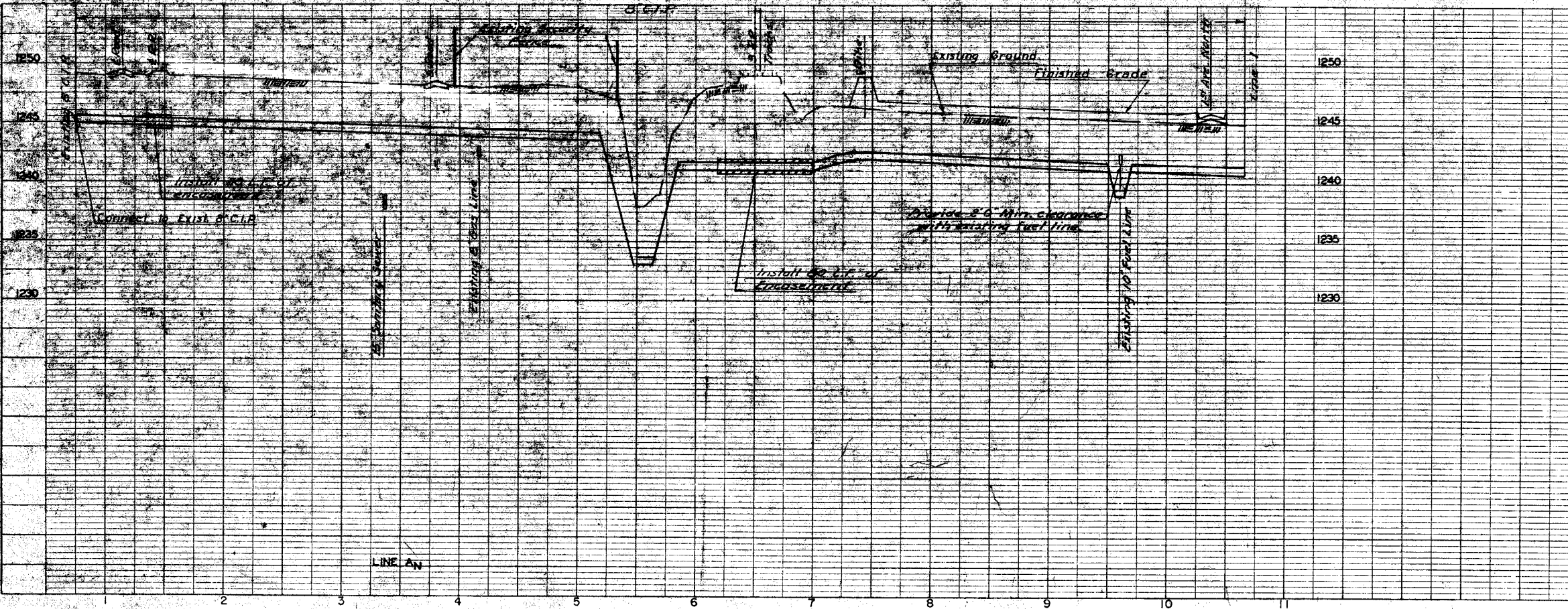
13 Sept 56, Revised Force Main Profile
 REVISION DATE DESCRIPTION INITIAL

JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS		DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.	
DESIGNED	ARMSTRONG	FAMILY HOUSING PROJECT	
DRAWN	WILLIAMS	FOR SMOKY HILL AFB, KANSAS	
CHECKED	SWANSON	PROFILES	
SUBMITTED	L.M. VanDoren	SANITARY SEWERS	
	ARCHITECT ENGINEER	FORCE MAIN	
Reviewed and approval recommended		AF Project No. AF-67	
Date	10/12/55	FHA Project No. 102-81001AS-AIR NO 1	
Approved	MORAY T. BOARD	Date 12 OCTOBER 1955	
Date	10/12/55	Sheet No. 199 of 207	

DATE	
BY	
REVISION	
DESCRIPTION	
DATE	
BY	
REVISION	
DESCRIPTION	
DATE	
BY	
REVISION	
DESCRIPTION	
DATE	
BY	



DATE	
BY	
REVISION	
DESCRIPTION	
DATE	
BY	
REVISION	
DESCRIPTION	
DATE	
BY	
REVISION	
DESCRIPTION	
DATE	
BY	



GENERAL NOTES
 For horizontal control dimensions for location of all sanitary sewer lines, gas lines, storm sewer lines, water lines, etc. refer to the respective detail site plans.

RECORD DRAWINGS

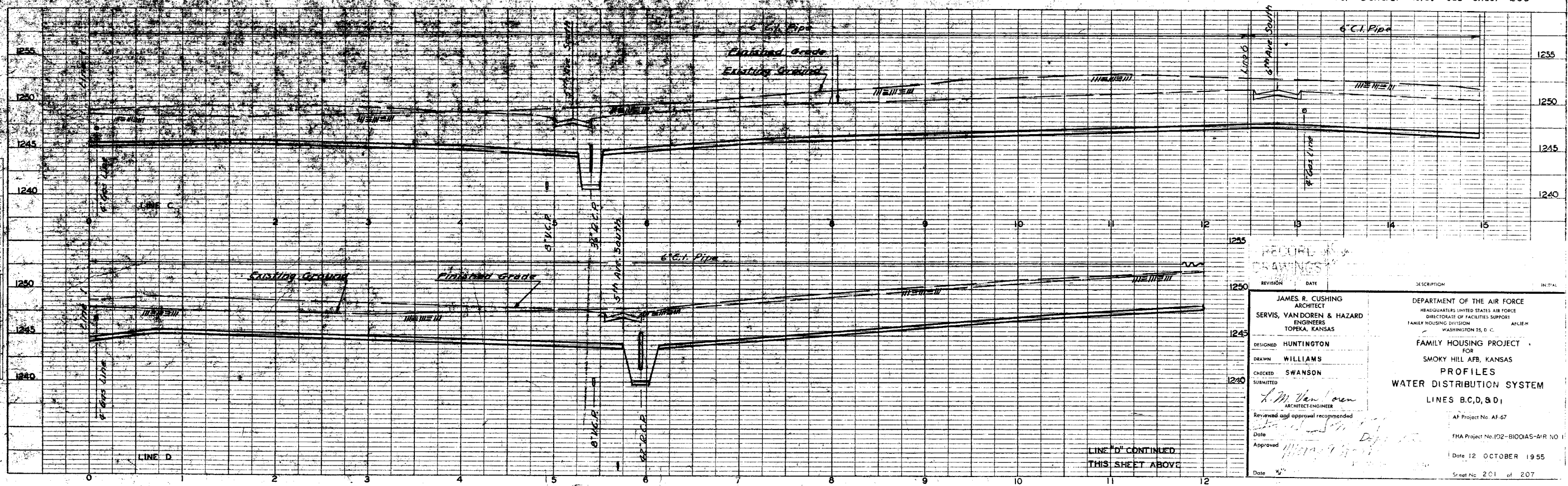
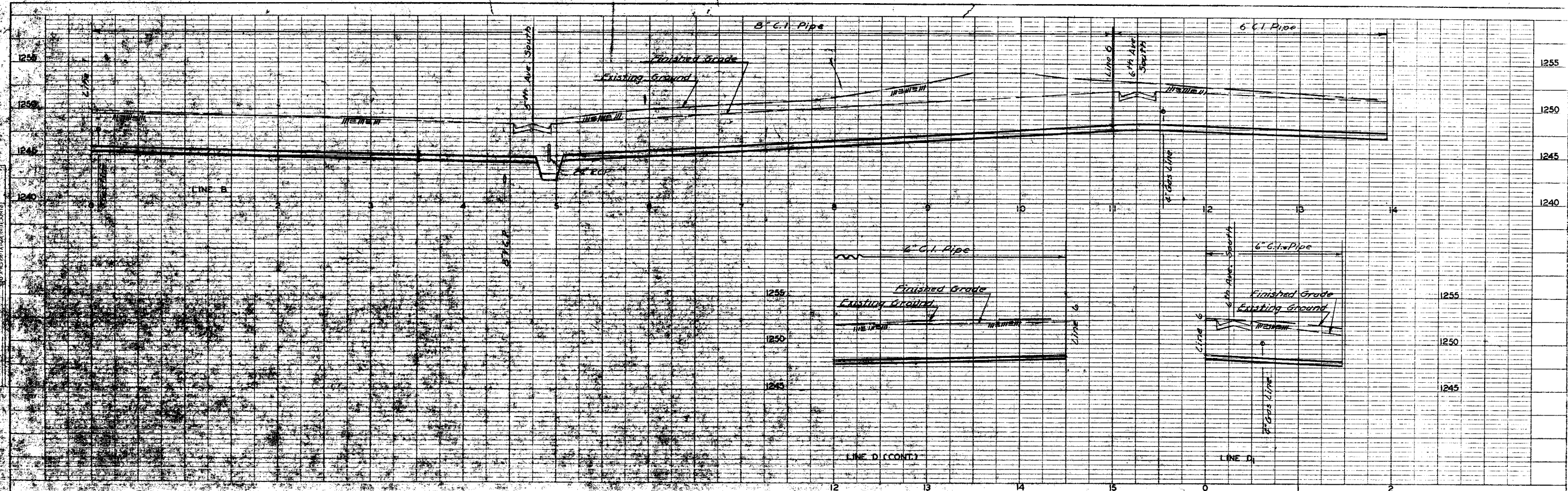
REVISION	DATE	DESCRIPTION	INITIALS

JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
DESIGNED HUNTINGTON DRAWN WILLIAMS CHECKED SWANSON SUBMITTED	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS PROFILES WATER LINES LINE A_S, A_N AF Project No. AF-67 FHA Project No. 102-8001AS-AIR NO. 1 Date 12 OCTOBER 1955 Sheet No. 200 of 207

Reviewed and approval recommended
L. M. Van Doren
 ARCHITECT ENGINEER
 Date *11/17/55*
 Approved *[Signature]*
 Date

PROFILE
DATE BOOK
BY
CHECKED
DATE

PROFILE
DATE BOOK
BY
CHECKED
DATE



For General Notes See Sheet 200

LINE D CONTINUED
THIS SHEET ABOVE

REVISION	DATE	DESCRIPTION	INITIAL

JAMES R. CUSHING
 ARCHITECT
SERVIS, VANDOREN & HAZARD
 ENGINEERS
 TOPEKA, KANSAS

DESIGNED: **HUNTINGTON**
 DRAWN: **WILLIAMS**
 CHECKED: **SWANSON**
 SUBMITTED:

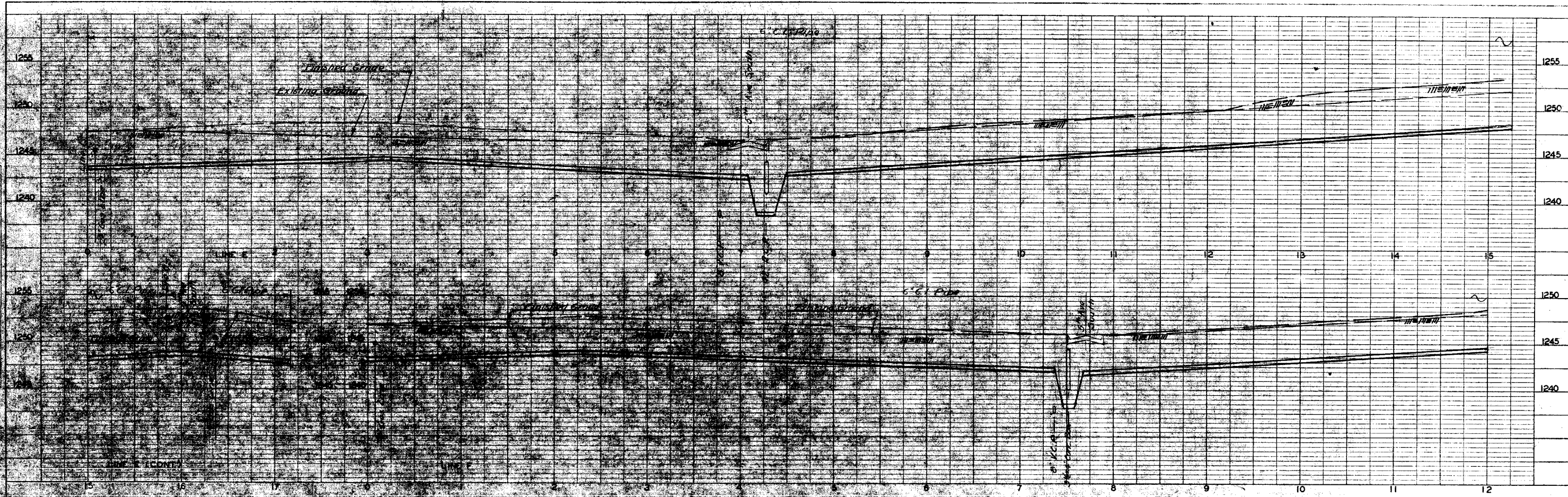
DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION
 WASHINGTON 25, D. C.

FAMILY HOUSING PROJECT
 FOR
 SMOKY HILL AFB, KANSAS

PROFILES
WATER DISTRIBUTION SYSTEM
 LINES B, C, D, & D₁

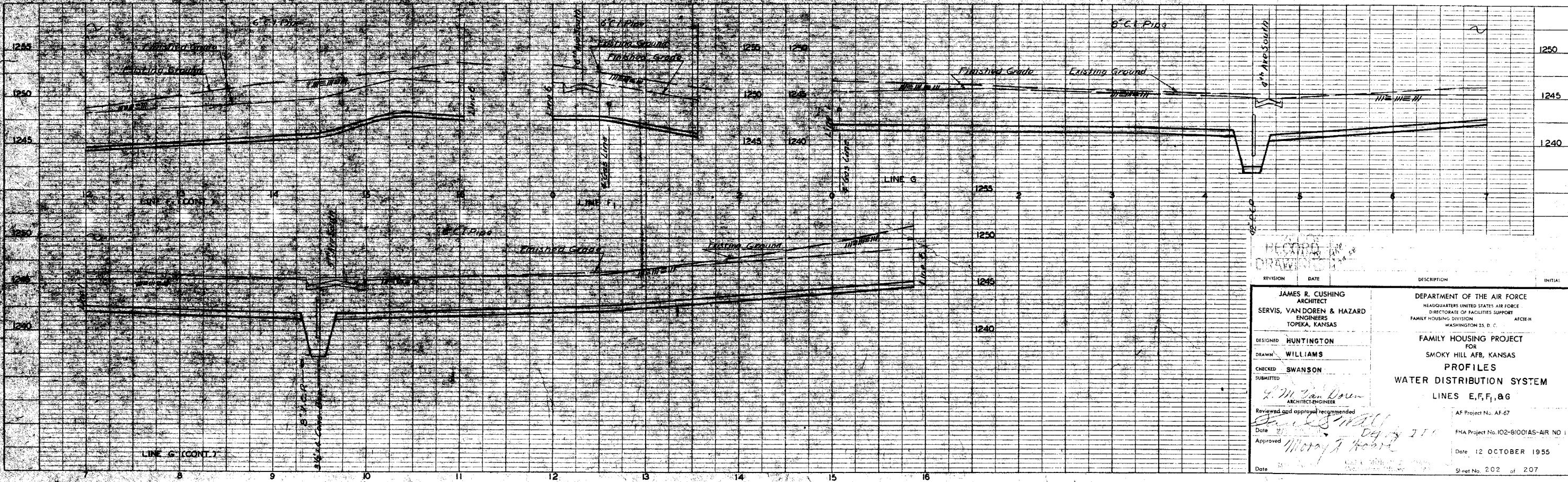
AF Project No. AF-67
 FHA Project No. 102-BIOOAS-AIR NO. 1
 Date: 12 OCTOBER 1955
 Sheet No. 201 of 207

PROJECT
 TITLE
 DRAWING NO.
 SHEET NO.



For General Notes See Sheet 200

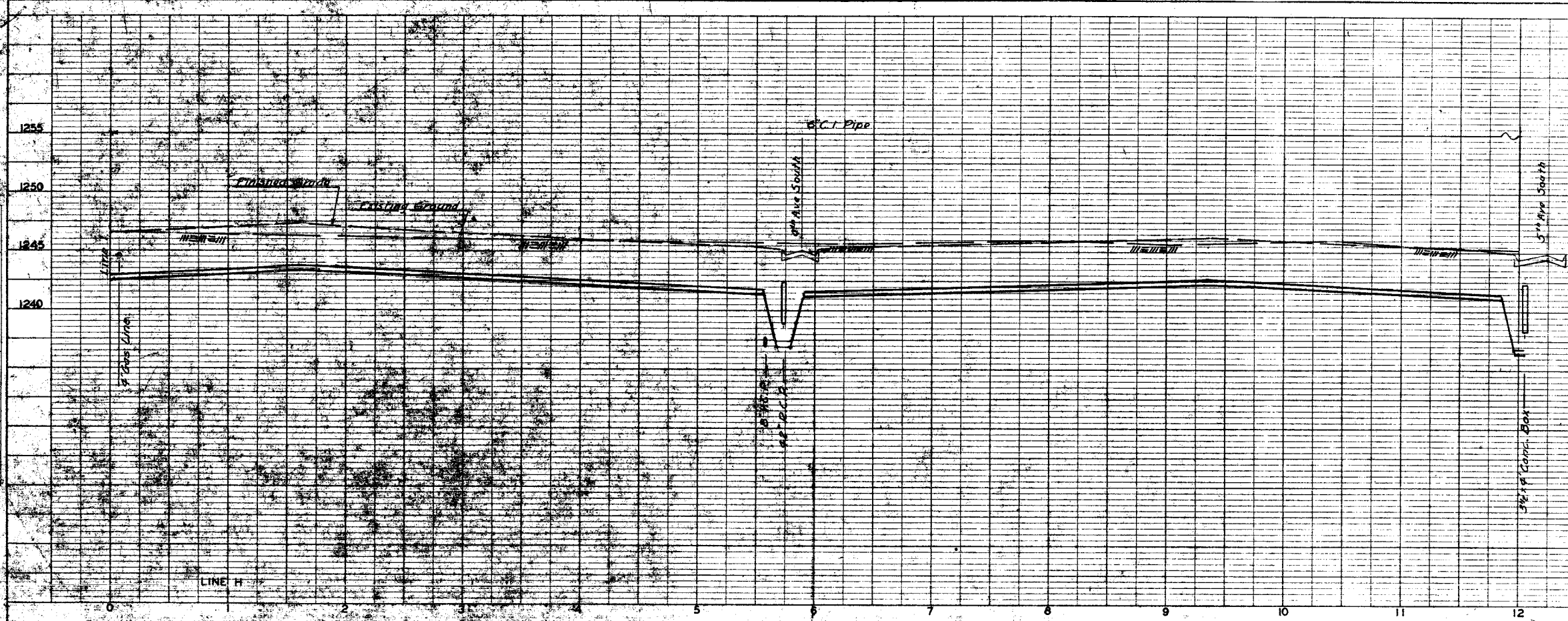
PROJECT
 TITLE
 DRAWING NO.
 SHEET NO.



REVISION	DATE	DESCRIPTION	INITIAL
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

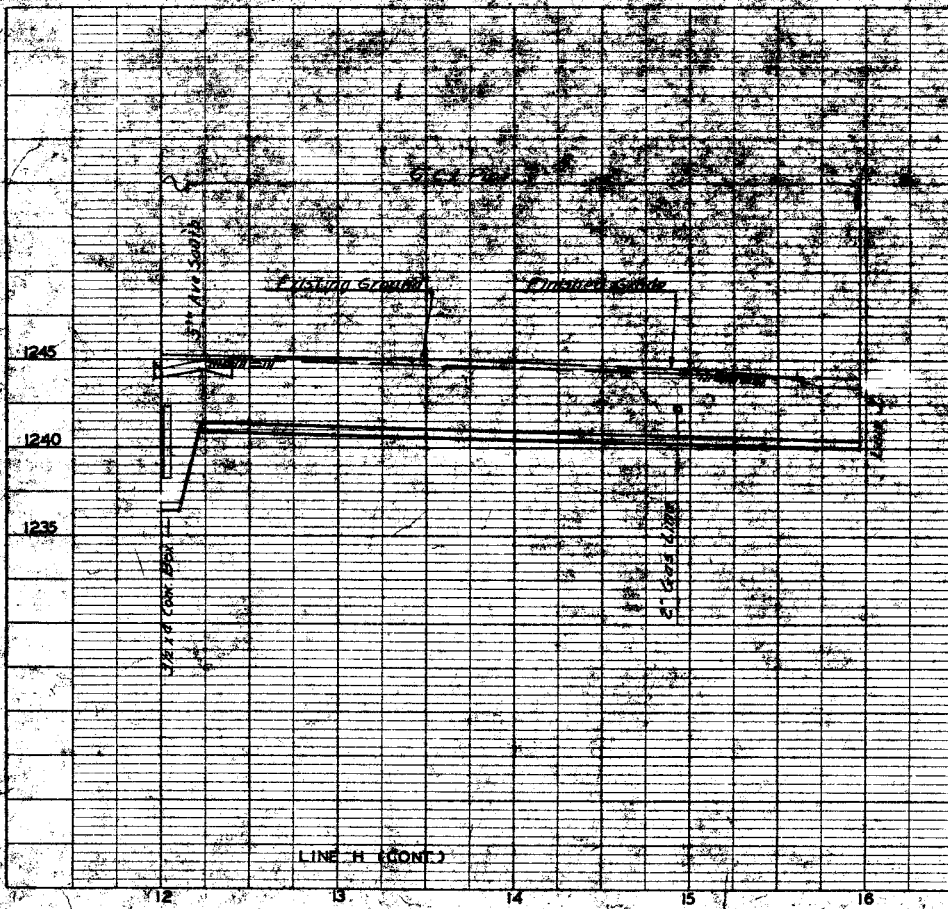
DESIGNED: HUNTINGTON DRAWN: WILLIAMS CHECKED: SWANSON SUBMITTED:	DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.
REVIEWED AND APPROVED:	AFCEH
DATE:	12 OCTOBER 1955
PROJECT NO.: AF-67	AF Project No. AF-67
PROJECT TITLE:	FAMILY HOUSING PROJECT FOR SMOKY HILL AFB, KANSAS
PROJECT NO.: IO2-81001AS-AIR NO 1	AF Project No. IO2-81001AS-AIR NO 1
SHEET NO.: 202 of 207	Sheet No. 202 of 207

PROFILE
 NO. 1
 DATE 10/12/55
 DRAWN BY J. W. VAN DORN
 CHECKED BY SWANSON
 SUBMITTED BY L. M. VAN DORN
 APPROVED BY [Signature]
 DATE 10/12/55



For General Notes See Sheet 200

PROFILE
 NO. 1
 DATE 10/12/55
 DRAWN BY J. W. VAN DORN
 CHECKED BY SWANSON
 SUBMITTED BY L. M. VAN DORN
 APPROVED BY [Signature]
 DATE 10/12/55



RECORD DRAWINGS

REVISION	DATE	DESCRIPTION	INITIAL

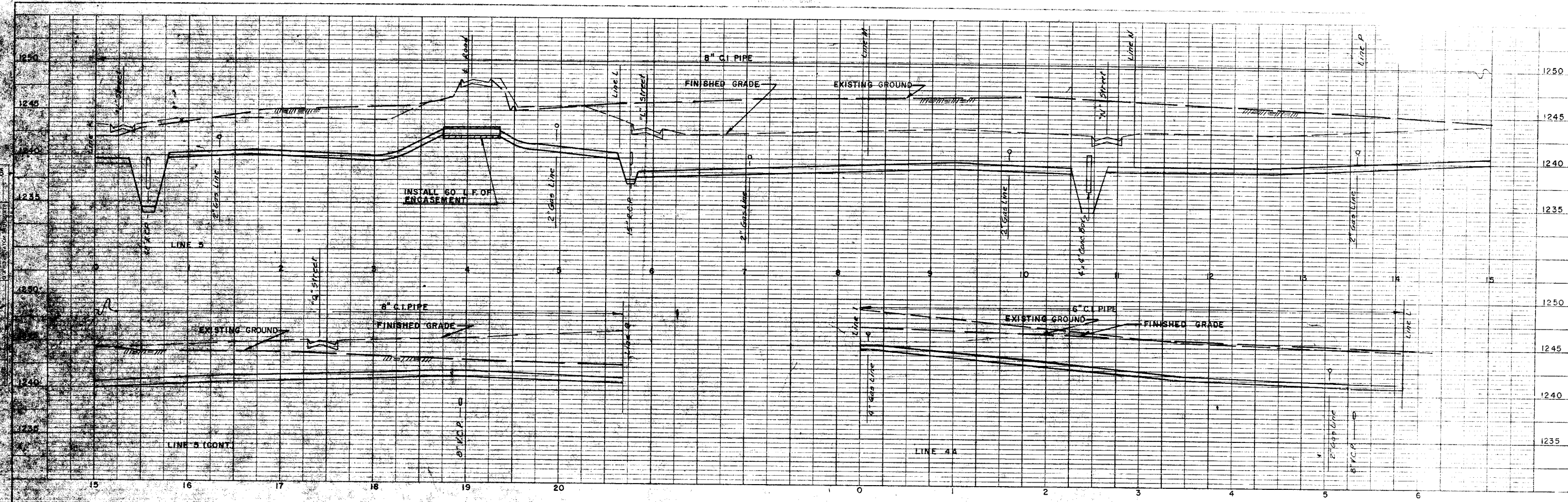
DESIGNED: HUNTINGTON
 DRAWN: WILLIAMS
 CHECKED: SWANSON
 SUBMITTED: L. M. Van Dorn
 Reviewed and approved: [Signature]

DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION WASHINGTON 25 D. C.

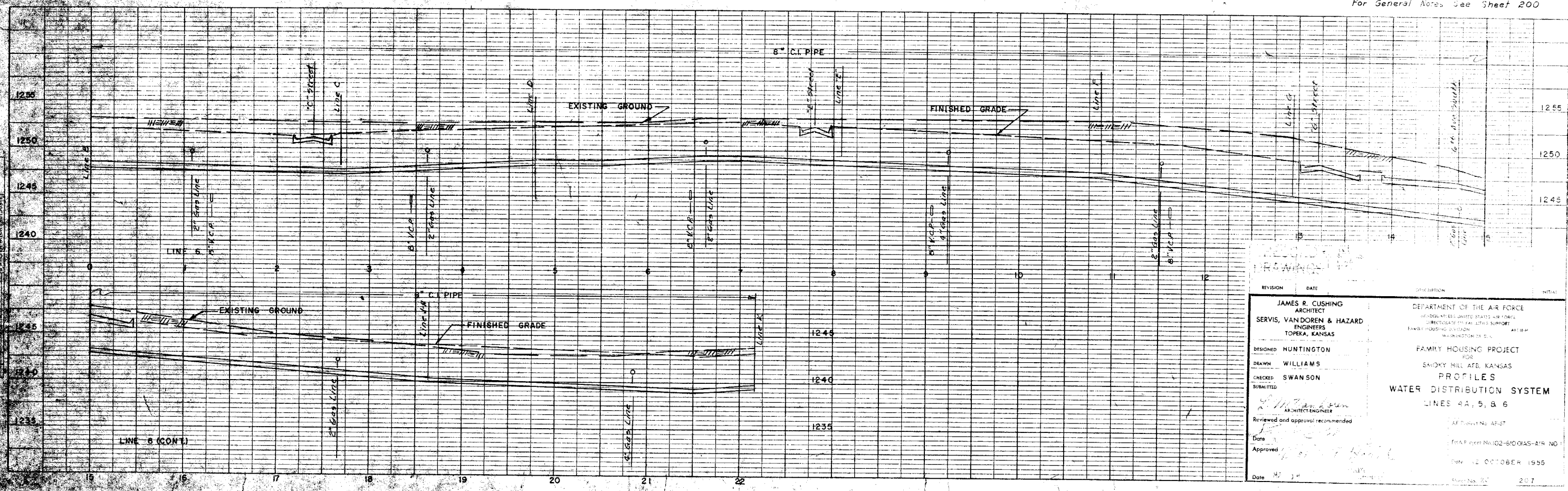
FAMILY HOUSING PROJECT
 FOR
 SMOKY HILL AFB, KANSAS
PROFILES
 WATER DISTRIBUTION SYSTEM
 LINE H
 AF Project No. AF-67
 FHA Project No. 102-81001AS-AIR NO 1
 Date 12 OCTOBER 1955
 Sheet No. 203 of 207

SCALE
 1" = 10'
 1/4" = 1'

SCALE
 1" = 10'
 1/4" = 1'



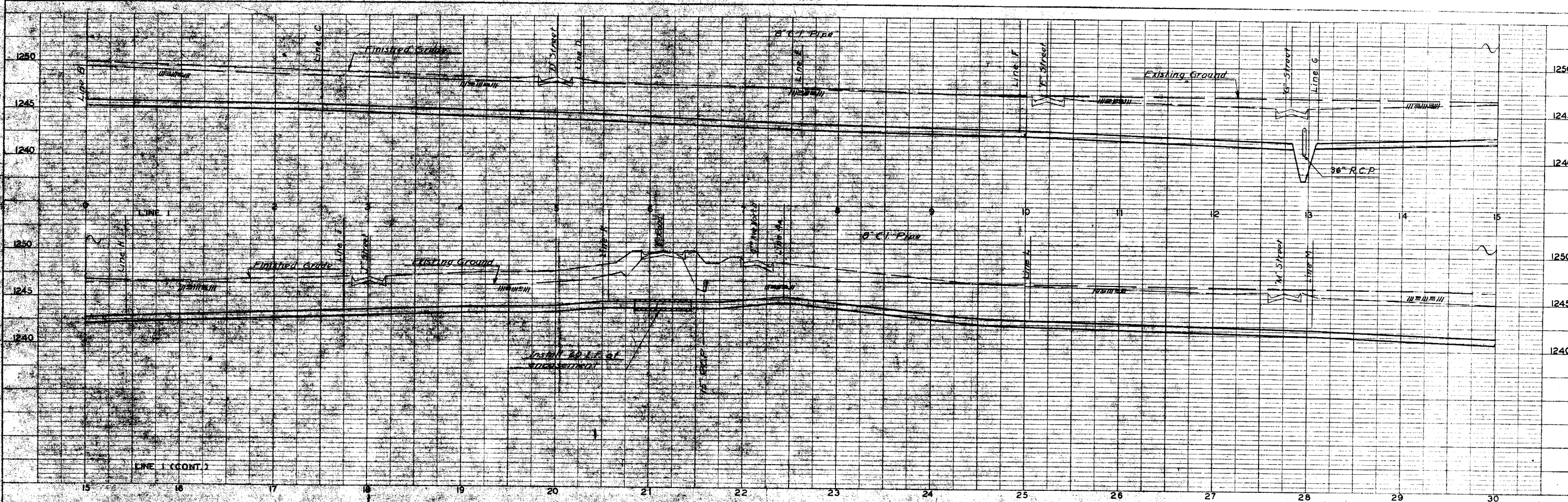
For General Notes See Sheet 200



REVISION	DATE	DESCRIPTION	INITIALS

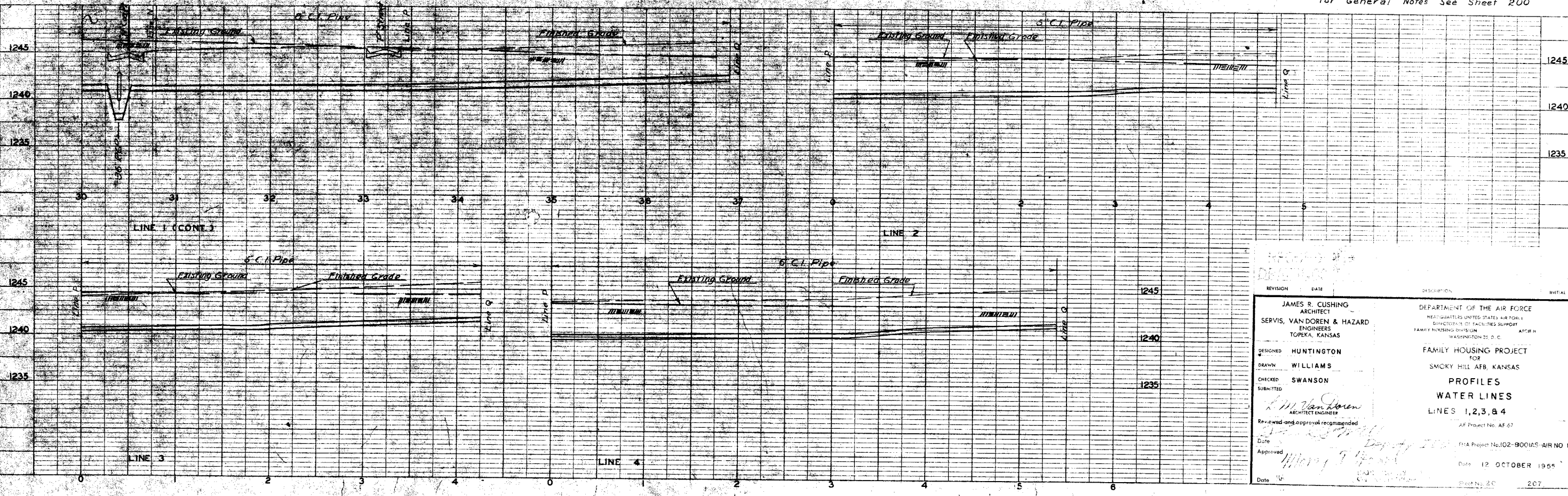
JAMES R. CUSHING ARCHITECT SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	DEPARTMENT OF THE AIR FORCE HONOLULU AIRFIELD ENGINEERING DIVISION WASHINGTON, D.C.
DESIGNED HUNTINGTON DRAWN WILLIAMS CHECKED SWANSON SUBMITTED	FAMILY HOUSING PROJECT SMOKEY HILL AFB, KANSAS PROFILES WATER DISTRIBUTION SYSTEM LINES 4A, 5, 6 & 8
Reviewed and approval recommended Date Approved	AF Form No. AF-57 (Rev. 1-54) (GPO: 1955 O-488-000) OCTOBER 1955

PROJECT
 NO. 102-9001A5-AIR NO 1
 DATE 12 OCTOBER 1965



For General Notes See Sheet 200

PROJECT
 NO. 102-9001A5-AIR NO 1
 DATE 12 OCTOBER 1965

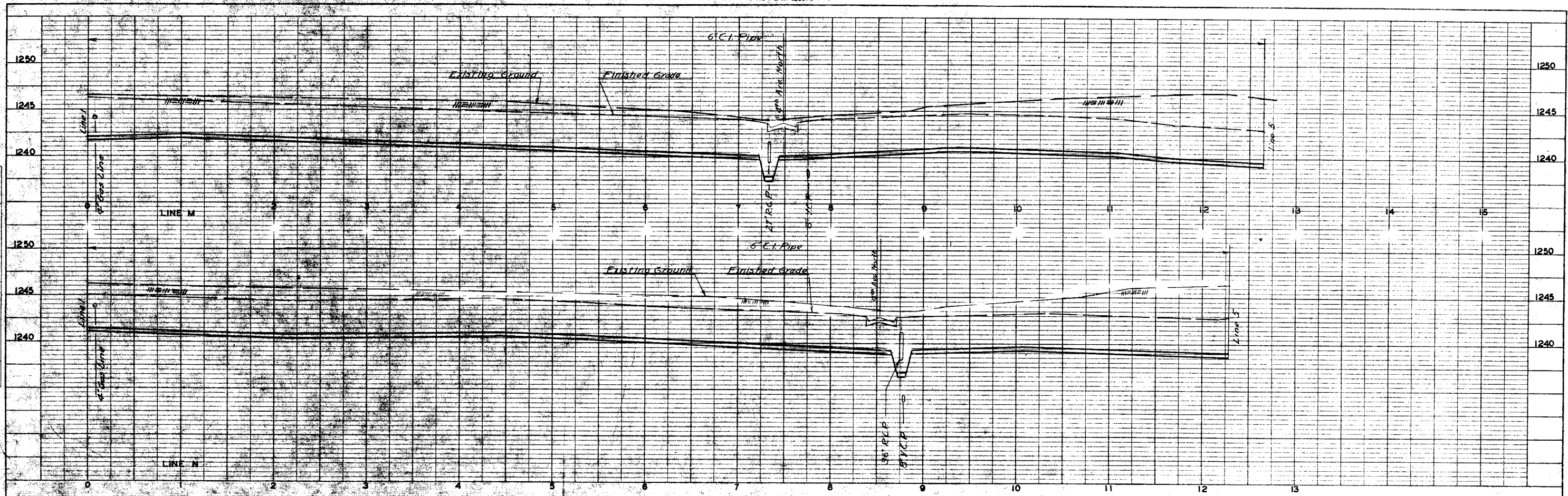


REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED BY		JAMES R. CUSHING ARCHITECT	
DRAWN BY		SERVIS, VAN DOREN & HAZARD ENGINEERS TOPEKA, KANSAS	
CHECKED BY		HUNTINGTON	
SUBMITTED		WILLIAMS	
REVIEWED AND APPROVAL RECOMMENDED		SWANSON	
DATE		12 OCTOBER 1965	
APPROVED		[Signature]	
DATE		12 OCTOBER 1965	

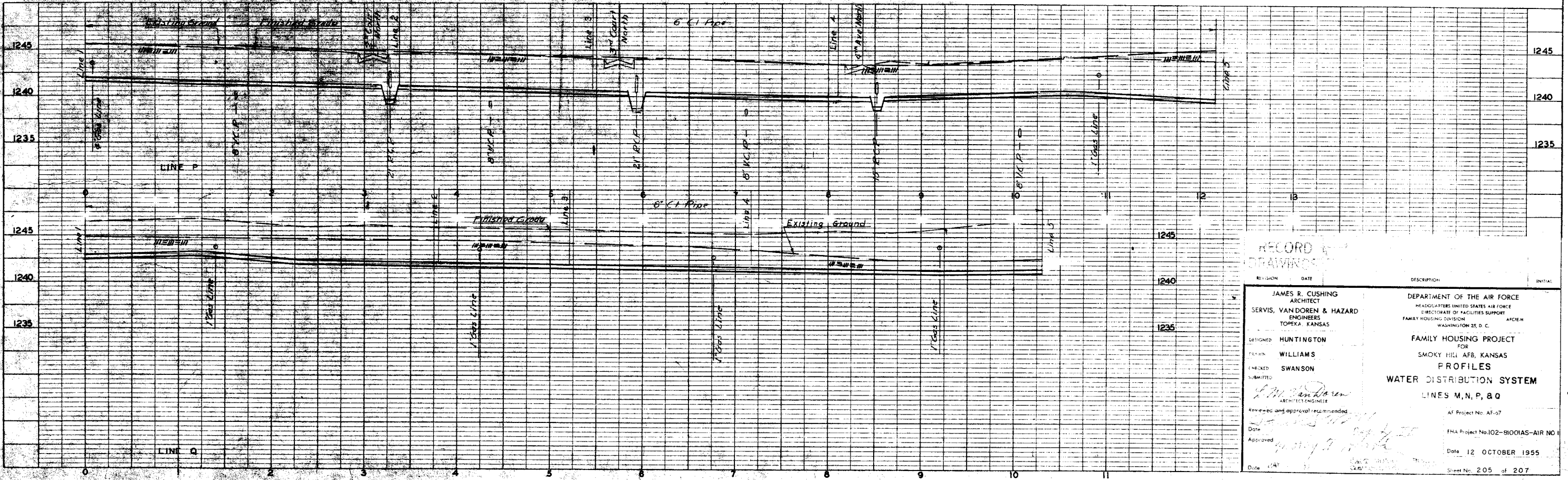
DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS UNITED STATES AIR FORCE
 DIRECTORATE OF FACILITIES SUPPORT
 FAMILY HOUSING DIVISION
 WASHINGTON 25 D. C.
 AF Project No. AF 67
 FFA Project No. 102-9001A5-AIR NO 1
 Sheet No. 20 207

NO. 101
DATE 10/12/55
BY J. M. DOREN
CHECKED BY J. M. DOREN
APPROVED BY J. M. DOREN

NO. 101
DATE 10/12/55
BY J. M. DOREN
CHECKED BY J. M. DOREN
APPROVED BY J. M. DOREN



For General Notes See Sheet 200



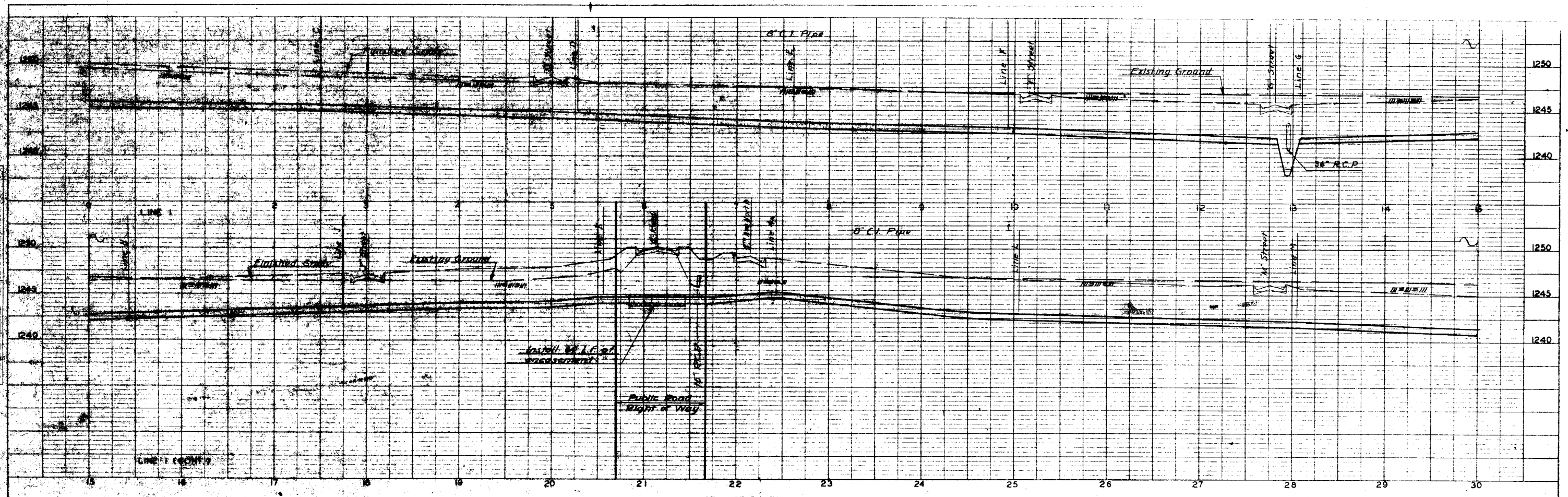
RECORD DRAWINGS

REVISION	DATE	DESCRIPTION	INITIAL
DESIGNED	HUNTINGTON	JAMES R. CUSHING ARCHITECT	
DRAWN	WILLIAMS	SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS	
CHECKED	SWANSON		
SUBMITTED			
REVIEWED AND APPROVAL RECOMMENDED			
DATE			
APPROVED			
DATE			

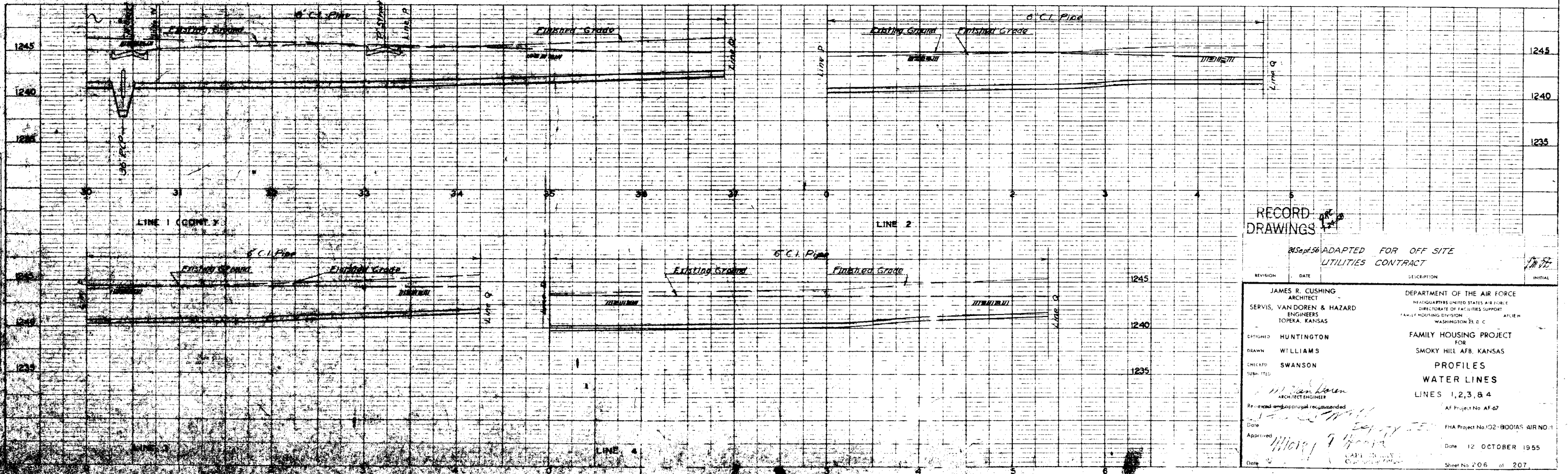
DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
DIRECTORATE OF FACILITIES SUPPORT
FAMILY HOUSING DIVISION WASHINGTON 25, D. C.

FAMILY HOUSING PROJECT
FOR
SMOXY HILL AFB, KANSAS
PROFILES
WATER DISTRIBUTION SYSTEM
LINES M, N, P, & Q

AF Project No. AF-97
FHA Project No. 102-91001AS-AIR NO. 1
Date 12 OCTOBER 1955
Sheet No. 205 of 207



For General Notes See Sheet 200



RECORD DRAWINGS

ADAPTED FOR OFF SITE UTILITIES CONTRACT

REVISION	DATE	DESCRIPTION	INITIAL
1	25 Sept. 56	ADAPTED FOR OFF SITE UTILITIES CONTRACT	JR

<p>JAMES R. CUSHING ARCHITECT</p> <p>SERVIS, VANDOREN & HAZARD ENGINEERS TOPEKA, KANSAS</p> <p>DESIGNED BY HUNTINGTON</p> <p>DRAWN BY WILLIAMS</p> <p>CHECKED BY SWANSON</p> <p>SUBMITTED BY M. Van Doren ARCHITECT ENGINEER</p> <p>Reviewed and approval recommended Date Approved Date</p>	<p>DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE DIRECTORATE OF FACILITIES SUPPORT FAMILY HOUSING DIVISION WASHINGTON 25, D. C.</p> <p>AF Project No. AF 67</p> <p>FHA Project No. 102-8001AS AIR NO. 1</p> <p>Date 12 OCTOBER 1955</p> <p>Sheet No. 206 of 207</p>
--	--