

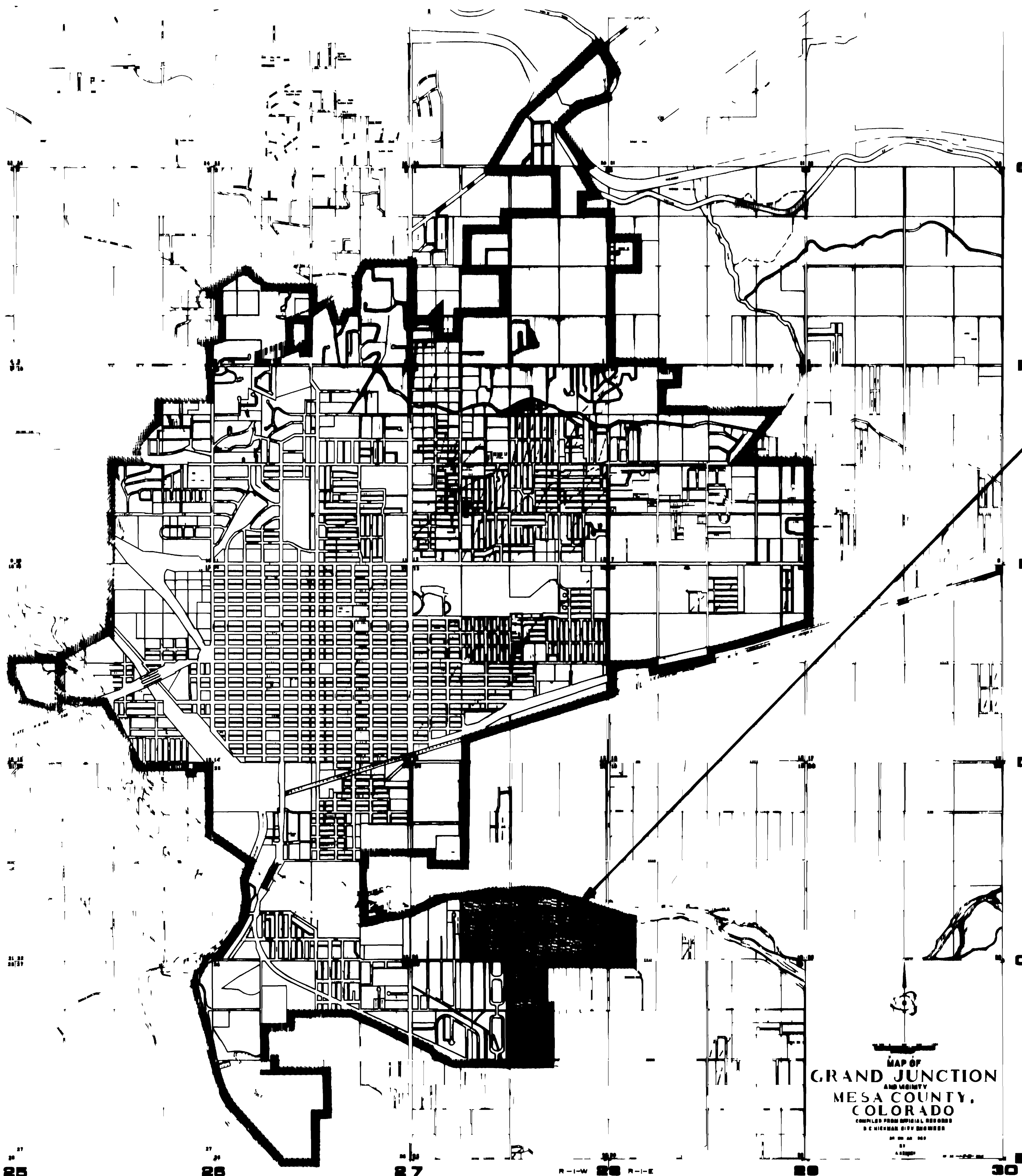
# CITY OF *GRAND JUNCTION*

ENGINEERING DIVISION  
DEPARTMENT OF PUBLIC WORKS

## S.S.D. 33-76<sup>15</sup>

### PHASE III

### ORCHARD MESA



#### CONVENTIONAL SIGNS

PROPERTY OR TRACT LINE		GAS MAIN	
EXISTING ROAD		WATER MAIN	
RIGHT OF WAY LINE		SANITARY SEWER	
FENCE		CULVERTS & DRAINS	
BURIED TELEVISION CABLE		FIRE HYDRANT	
SIDEWALK		OPEN DITCH	
ELECTRIC LINE		TELEPHONE RISER	
BURIED TEL CABLE		MONUMENT MARKER	
WATER VALVE		SECTION MARKER	
PROPERTY PIN		U.S. MAIL BOX	
WATER METER			

#### KEY TO BORING LOGS

SHELBY TUBE SAMPLE		WATER TABLE 24 HRS AFTER DRILLING	
STANDARD PENETRATION DRIVE SAMPLER		HOLE CAVED	
TOPSOIL		GRAVEL	
SAND & GRAVEL		COBBLES	
SANDY CLAY		FIRM SHELL	

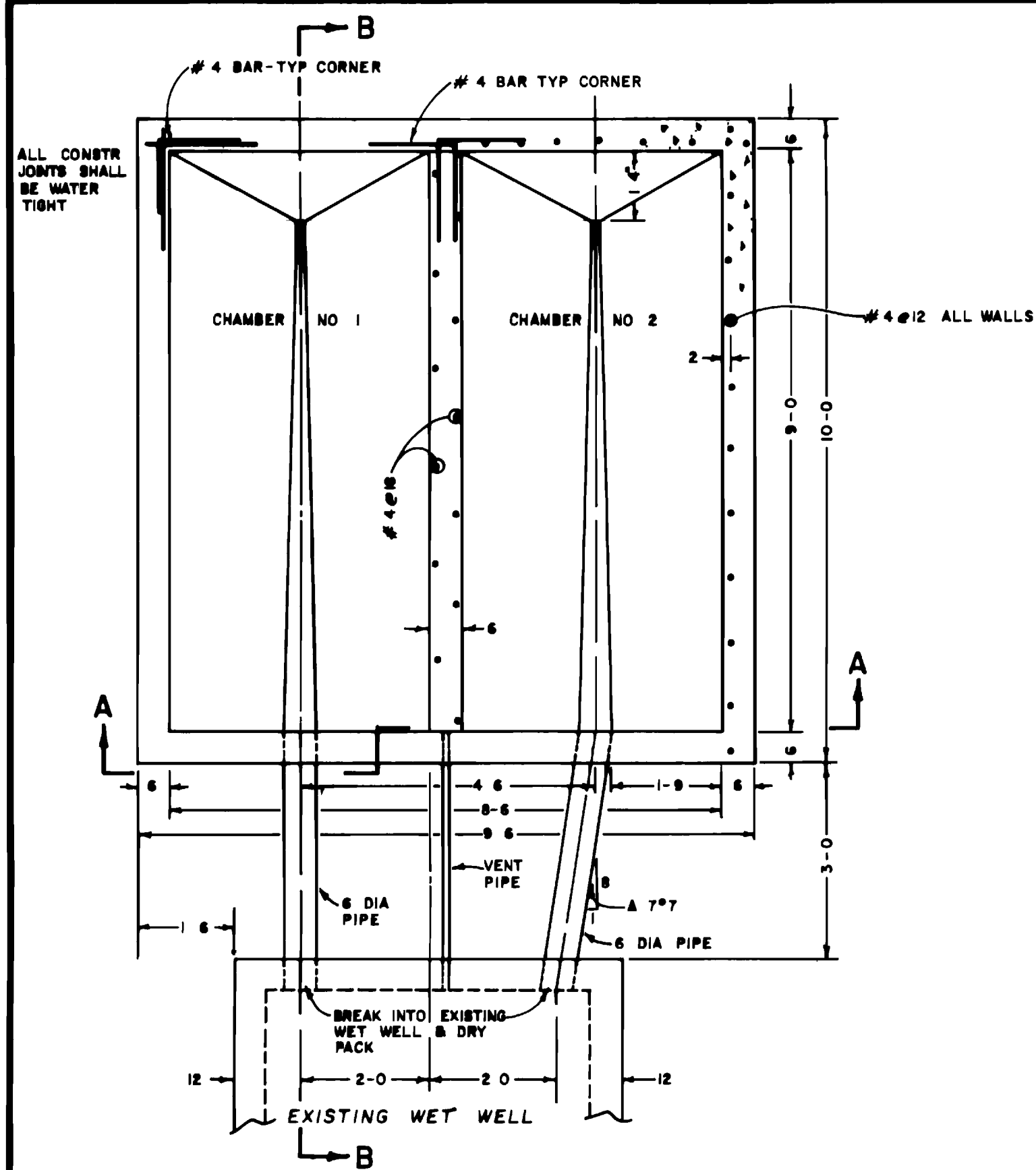
#### INDEX OF SHEETS

SHEET NO.	DESCRIPTION *
1	COVER SHEET
2	GENERAL PLOT PLAN
3	QUANTITY SHEET
4-6	ROW & TOPO MAPS - MAIN LINE
7-8	ROW & TOPO MAPS - TRUNK LINE
9-31	ROW & TOPO MAPS - LATERAL LINES
32-34	CONSTRUCTION PLAN & PROFILE - MAIN LINE
35-36	CONSTRUCTION PLAN & PROFILE - TRUNK LINE
36-62	CONSTRUCTION PLAN & PROFILE - LATERAL LINES
63	LIFT STATION DETAIL SHEET
64	TYPICAL DETAIL SHEET

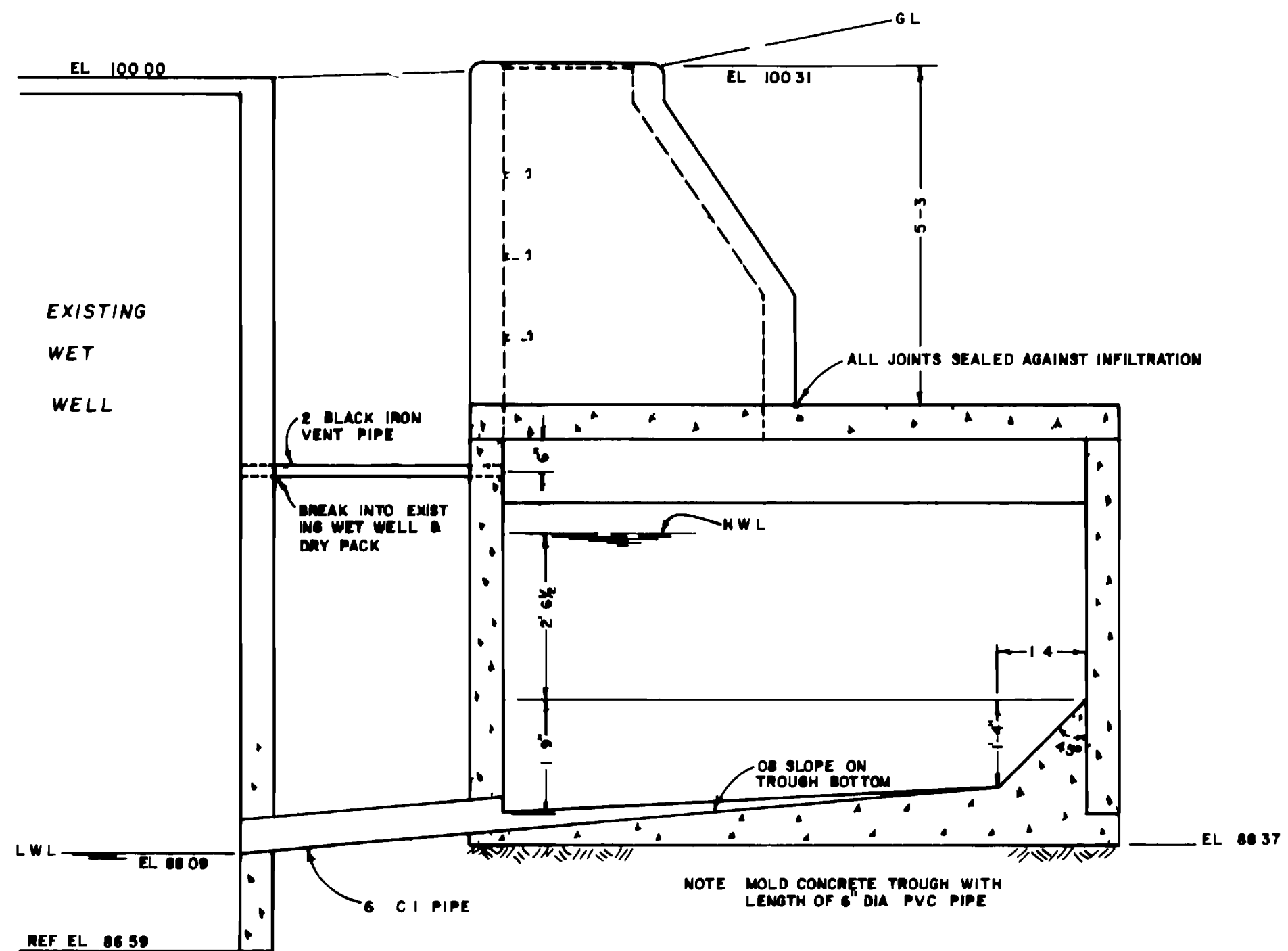
MAP OF  
GRAND JUNCTION  
AND VICINITY  
MESA COUNTY,  
COLORADO  
COMPILED FROM OFFICIAL RECORDS  
BY C. H. HANSEN, CIVIL ENGINEER  
1911



\*NOTE  
ALL LATERAL LINES ARE IN NUMERICAL  
ORDER ACCORDING TO LINE NUMBER



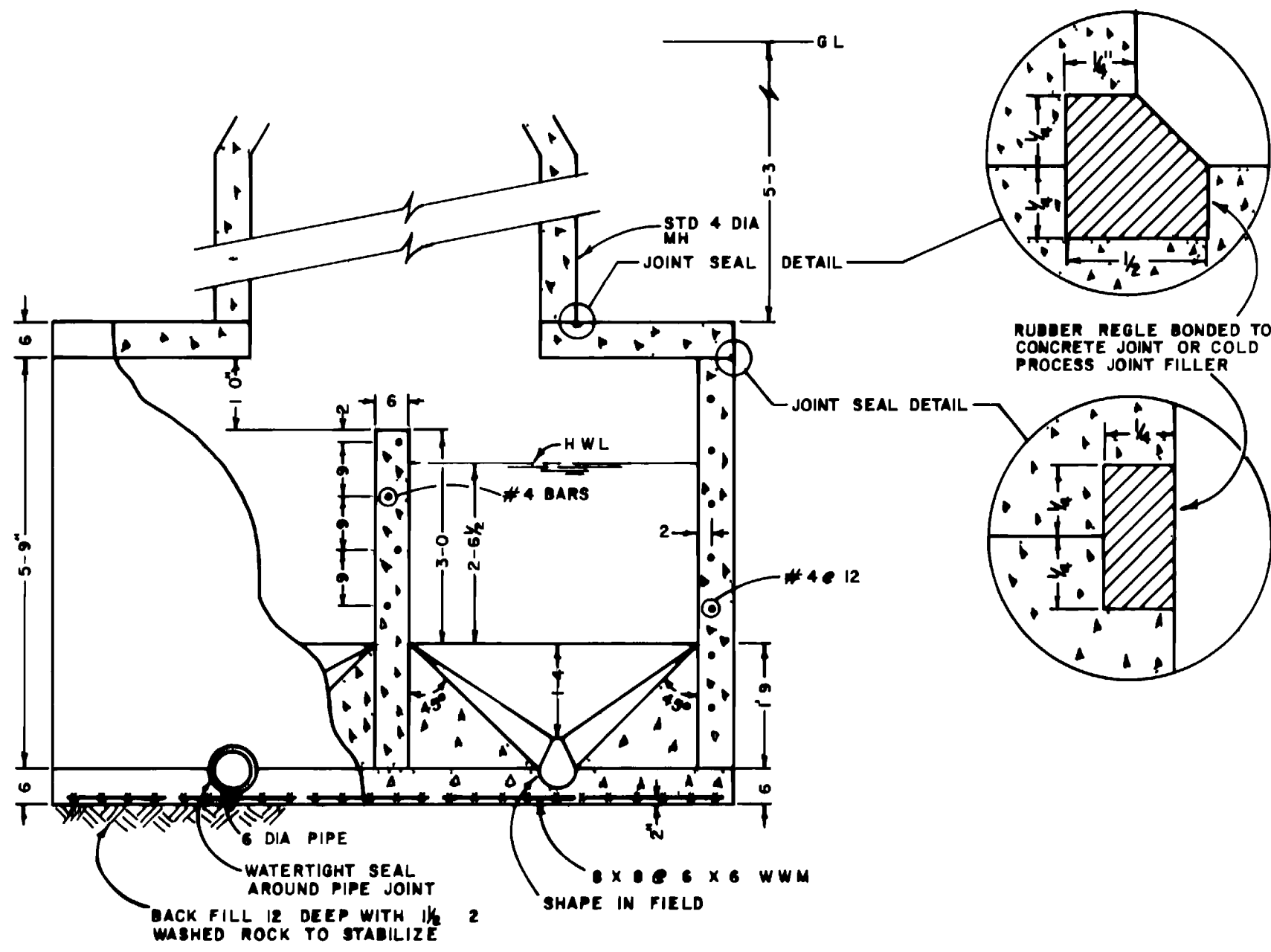
PLAN VIEW  
SCALE 1/20



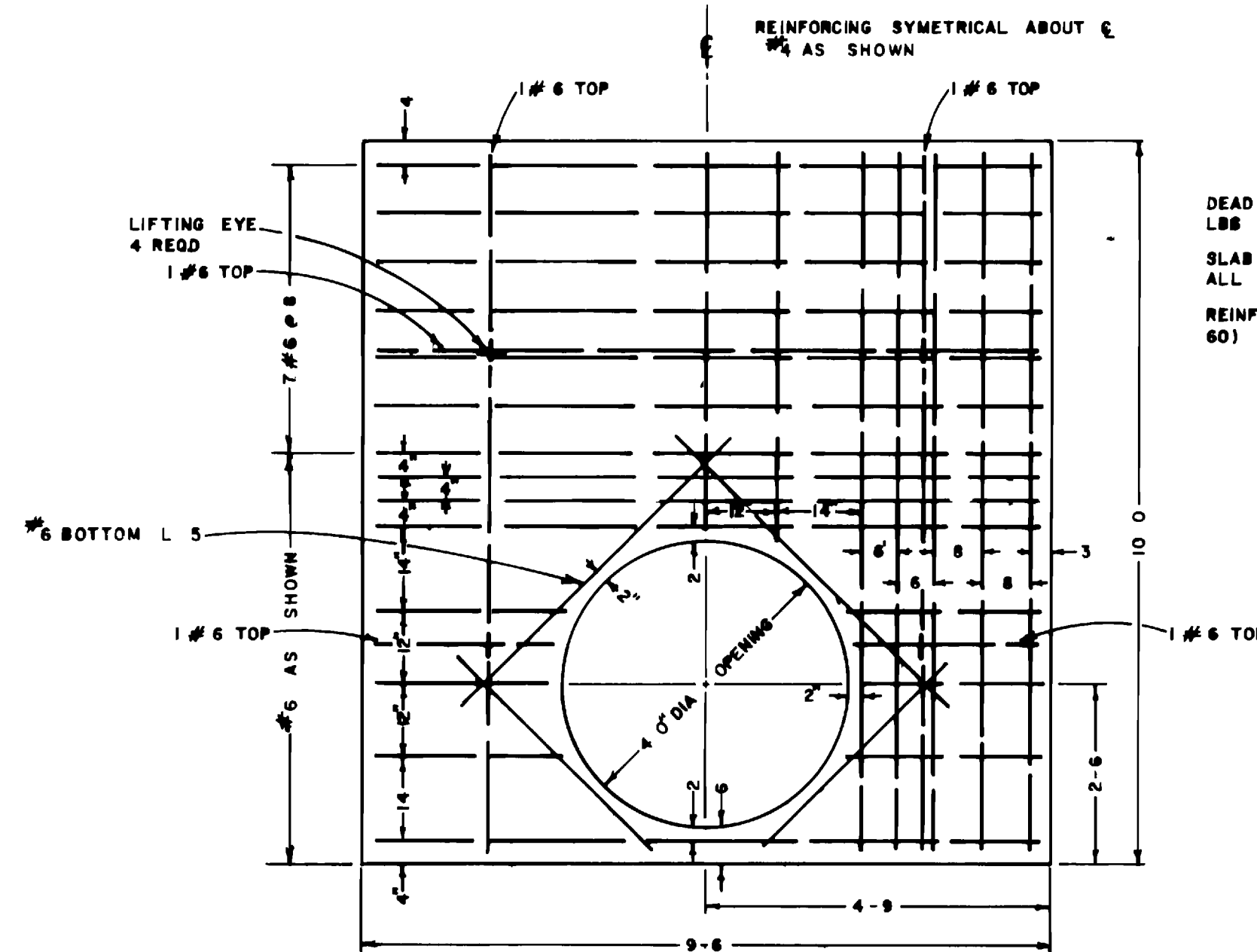
SECTION B-B  
SCALE 1/20

NOTE

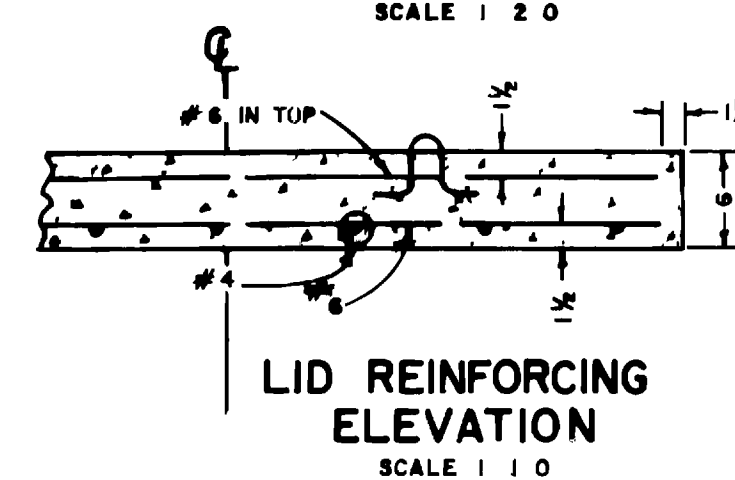
- 1) Structure is Precast except for base and fillets. Volume Precast Concrete 5.26 cu yd (excluding MH) Volume Cast in Place Concrete 4.17 cu yd
- 2) Concrete is of Type II Cement 3000 psi Crushing Strength Reinforcing is #4 and #6 Grade 60
- 3) Volume of Select Backfill = 3.5 cu yd
- 4) Liquid Capacity = 80.4 gal / chamber



SECTION A-A  
SCALE 1/20

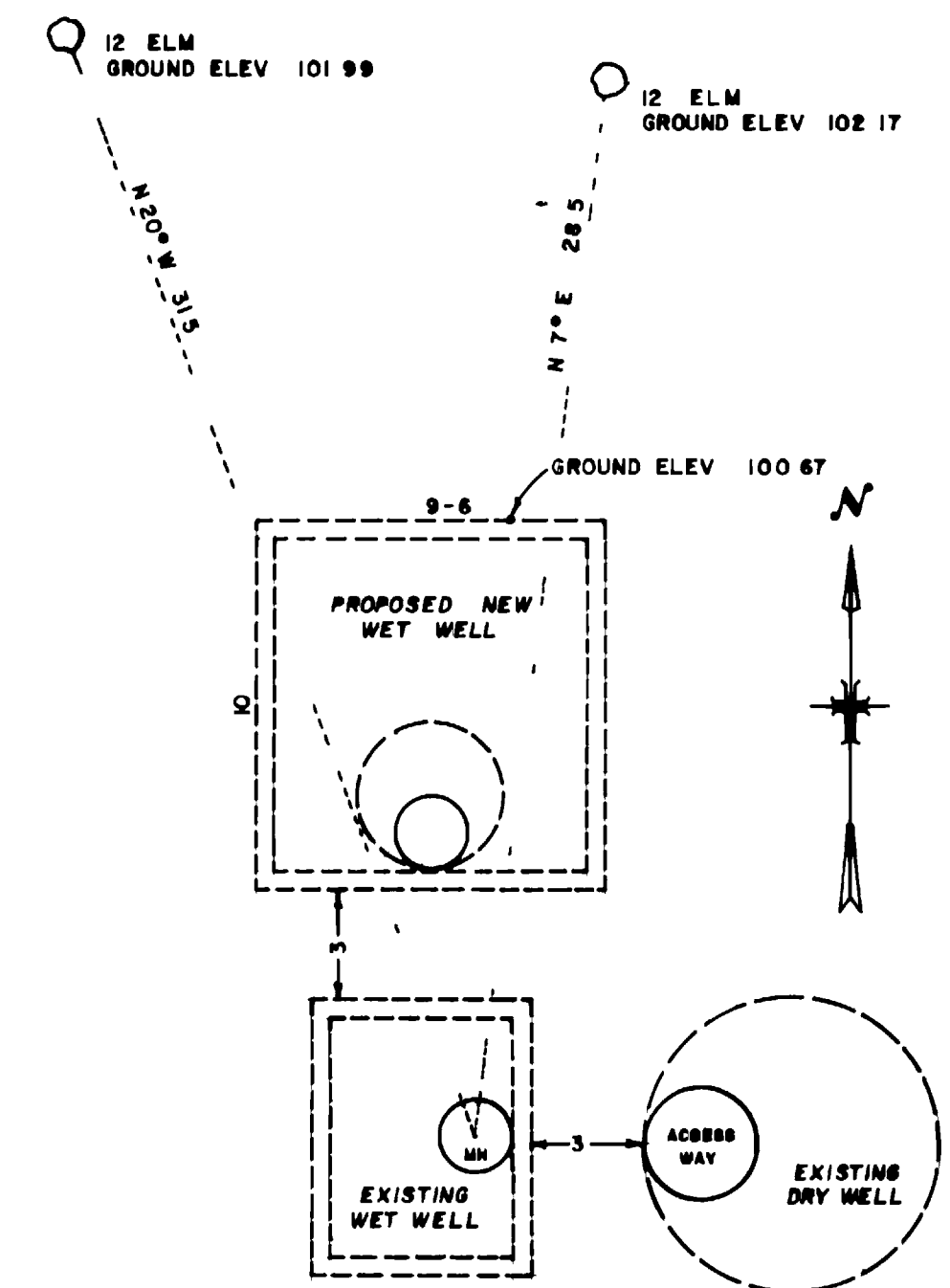


LID REINFORCING  
SCALE 1/20

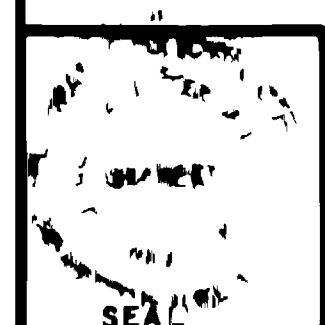


LID REINFORCING ELEVATION  
SCALE 1/10

DEAD LOAD 800 PSF + 1700 LBS FOR MH  
SLAB SIMPLY SUPPORTED ON ALL EDGES  
REINFORCING IS #4 & #6 (GRADE 60) 3000 PSI CONCRETE



LOCATION MAP  
SCALE 1/5



DATE 6/29/76	Drawn SM	Traced RB	Checked GUC	Approved for Construction ENGINEER	OWNER ORCHARD MESA SAN DIST
-----------------	-------------	--------------	----------------	---------------------------------------	--------------------------------

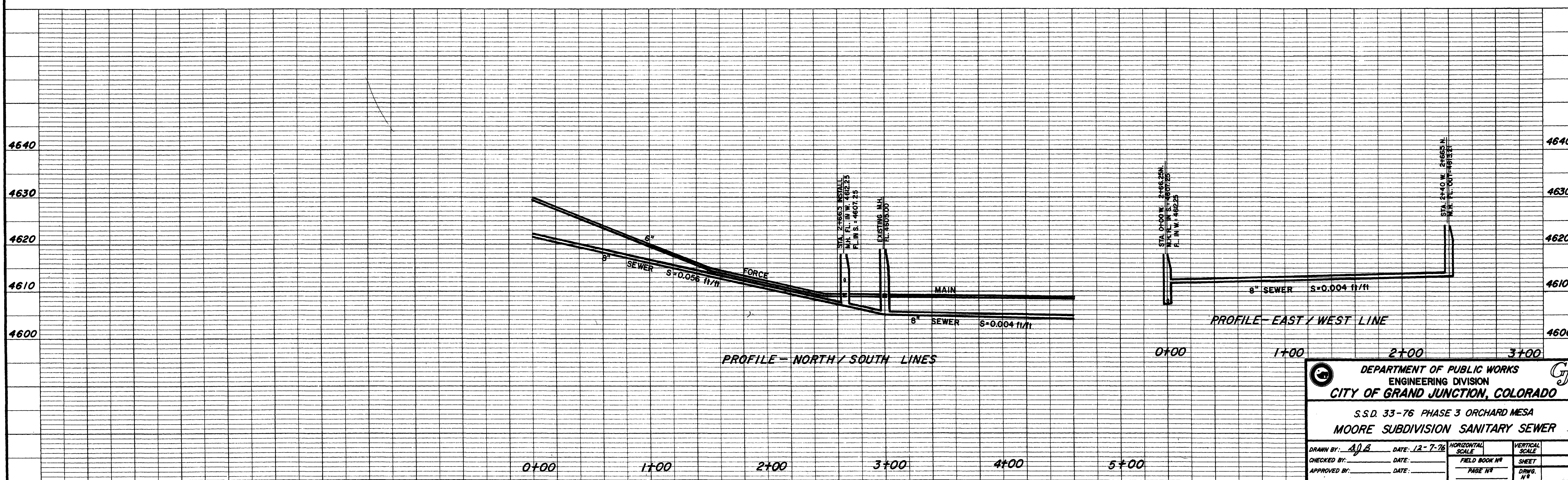
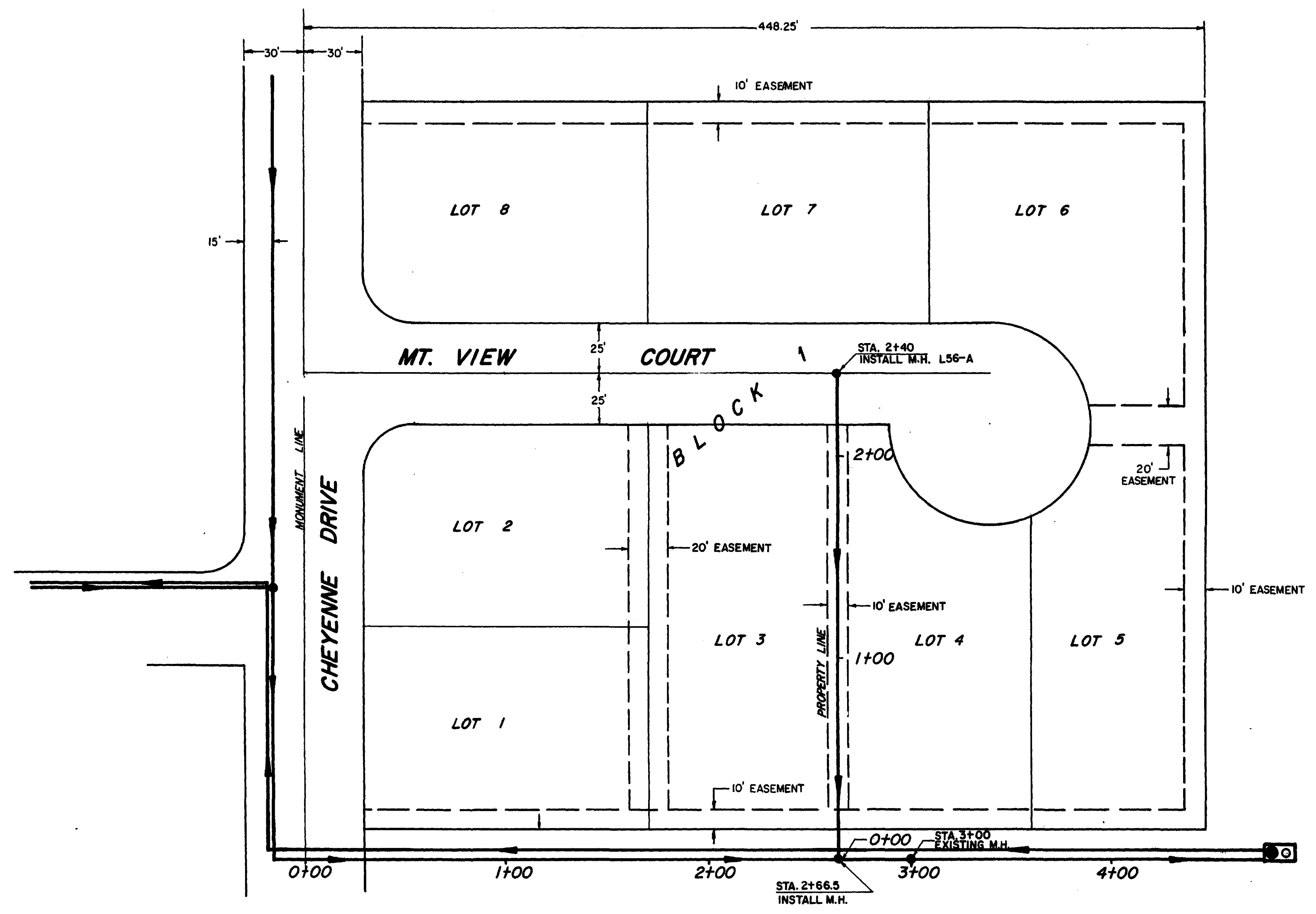
WESTERN ENGINEERS, INC  
588 24 1/2 ROAD  
P.O. BOX 571 TELE 242-5202  
GRAND JUNCTION COLORADO

ORCHARD MESA SANITATION DISTRICT  
DUCK POND LIFT STATION, 2ND WET WELL

SCALE  
AS NOTED

Note  
Details

DWG NO 202-754-2	SHEET NO. 1	NO. OF SHEETS 1
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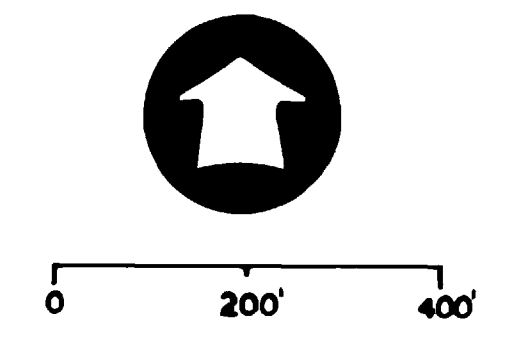
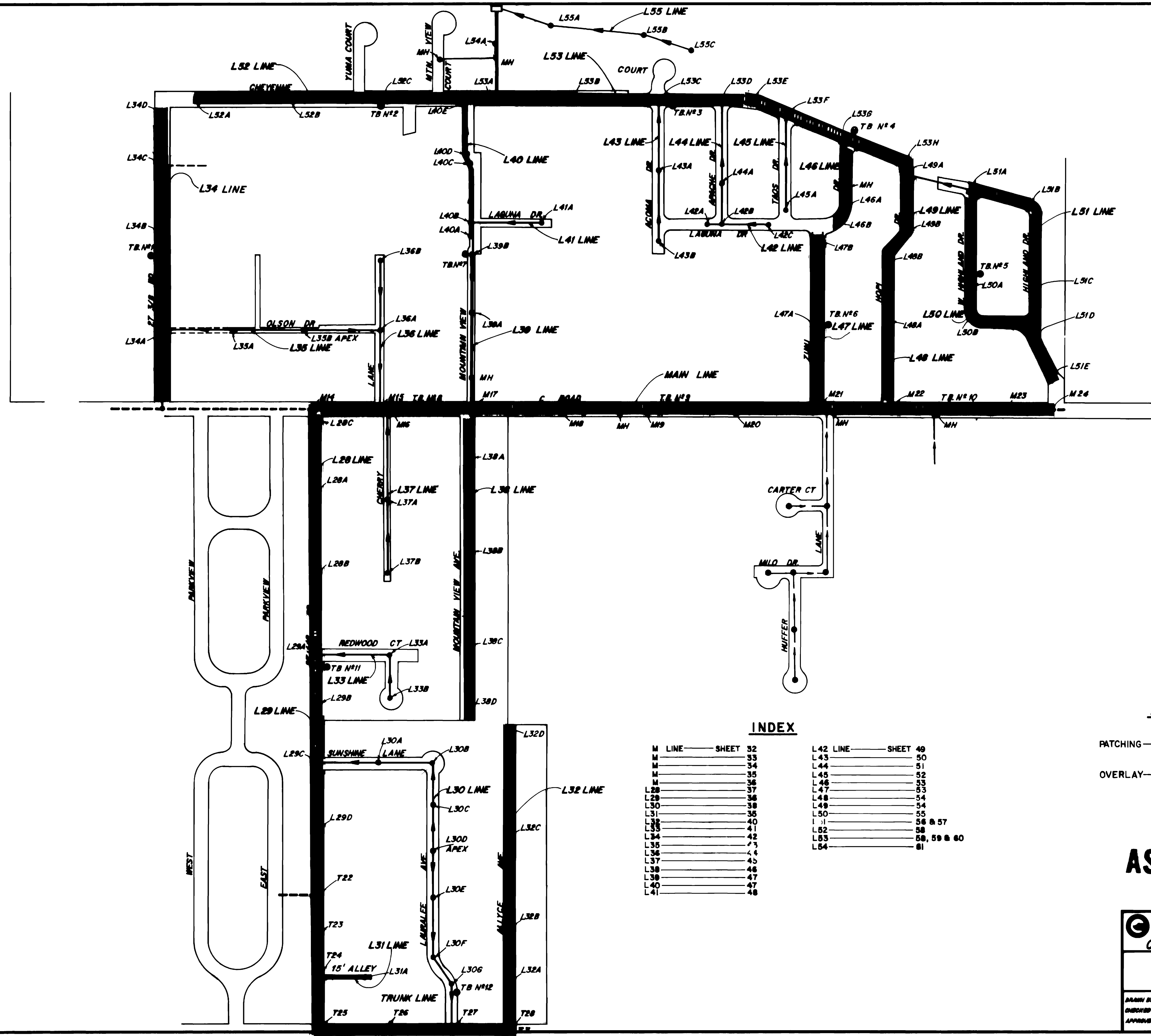


**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

S.S.D. 33-76 PHASE 3 ORCHARD MESA  
**MOORE SUBDIVISION SANITARY SEWER**

DRAWN BY: <i>AJB</i> CHECKED BY: APPROVED BY:	DATE: 12-7-76 DATE: DATE:	HORIZONTAL SCALE: FIELD BOOK NO: PAGE NO:	VERTICAL SCALE: SHEET: DRAWG. NO:
---	---------------------------------	---	---





**INDEX**

M LINE	SHEET	52
L 42 LINE	SHEET	49
L 43		50
L 44		51
L 45		52
L 46		53
L 47		53
L 48		54
L 49		54
L 50		55
L 51		56 & 57
L 52		58
L 53		58, 59 & 60
L 54		61
L 20		36
L 21		37
L 22		38
L 23		38
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L 26		41
L 27		42
L 28		43
L 29		44
L 30		45
L 31		46
L 32		47
L 33		47
L 34		48

**LEGEND**

PATCHING	
OVERLAY	

**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

S.S.D. 33-75, PHASE 3, ORCHARD MESA  
GENERAL PLOT PLAN

DRAWN BY	S. HUBBON	DATE	11-14-75	APPROVED BY	D. R. J.	DATE	6-22-76
CHECKED BY	E. B. B.	DATE	6-21-76	FIELD BOOK NO.		SHEET	24/24
APPROVED BY	D. R. J.	DATE	6-22-76	TIME IN		DATE	4/1



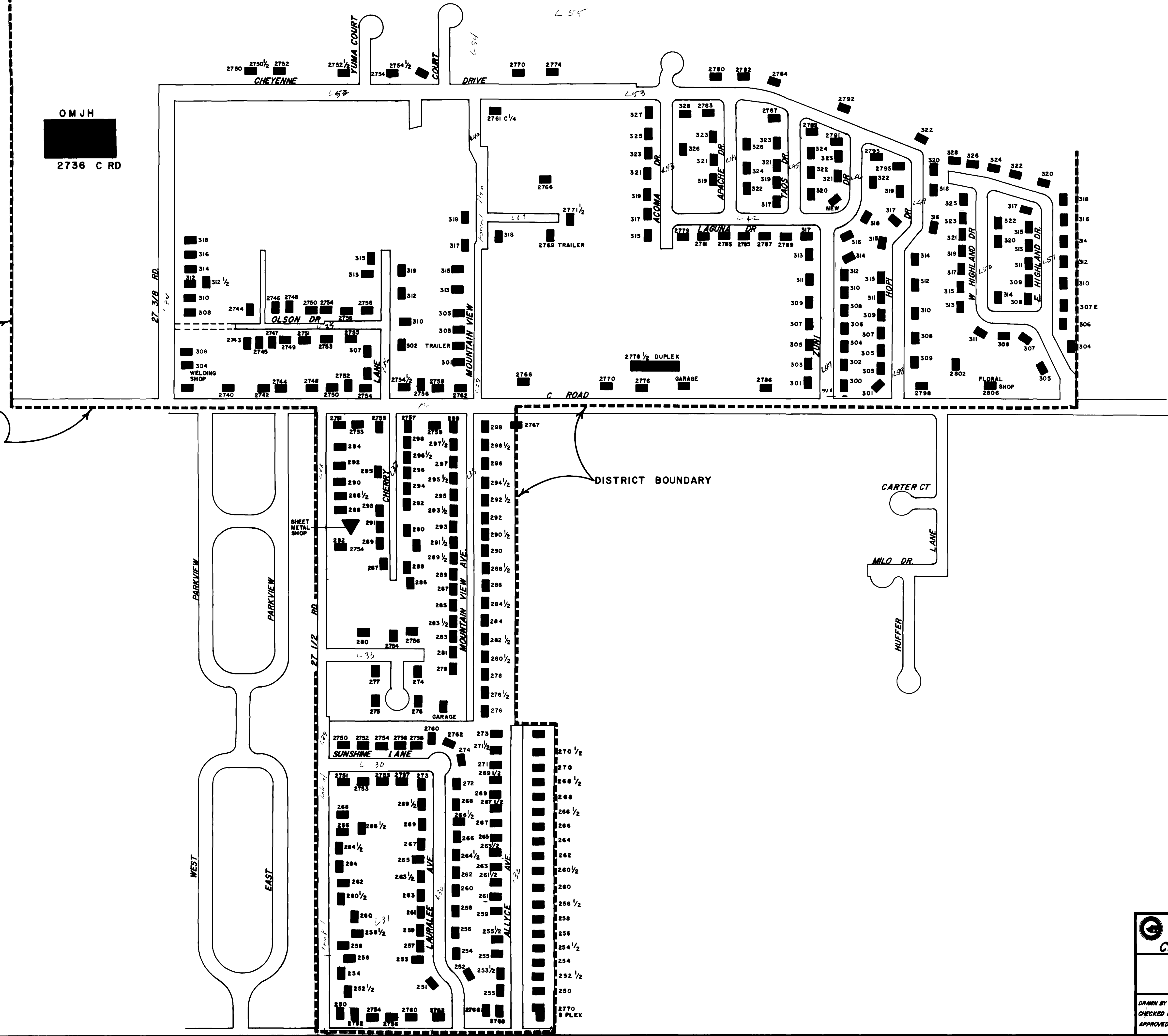
OM JH  
2736 C RD



SCALE 1 = 200

DISTRICT BOUNDARY

DISTRICT BOUNDARY



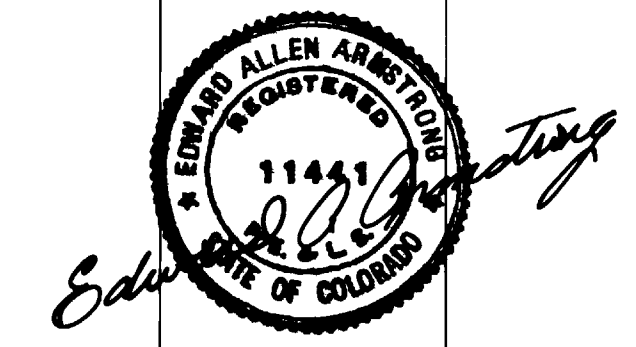
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

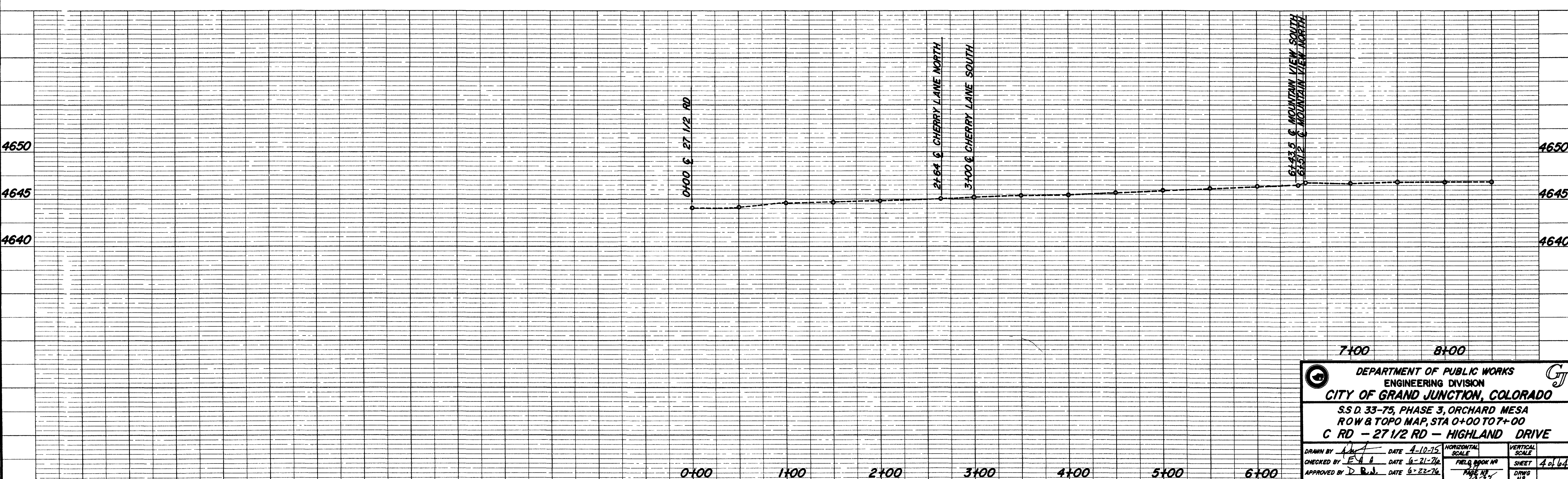
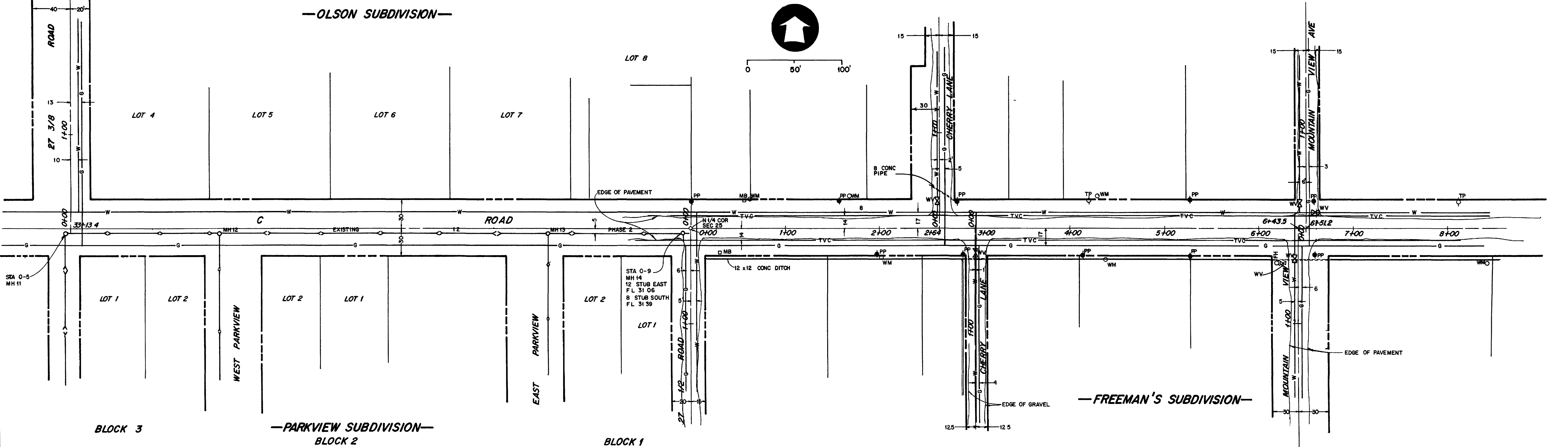
S.S.D 33-75, PHASE 3, ORCHARD MESA  
**GENERAL PLOT PLAN**

DRAWN BY S HUDSON	DATE 11-14-75	HORIZONTAL SCALE 1 = 200	VERTICAL SCALE NONE
CHECKED BY _____	DATE _____	FIELD BOOK NO _____	SHEET _____
APPROVED BY _____	DATE _____	PAGE NO _____	DRWG NO _____

# SUMMARY OF APPROXIMATE QUANTITIES

INDEX	CONTRACT ITEM N <sup>o</sup>	CONTRACT ITEM	UNIT	SSD 33-76														
	1	FURNISH & INSTALL 8" SEWER 0' TO 7' DEEP	LF	5261														
	2	FURNISH & INSTALL 8" SEWER 7' TO 9' DEEP	LF	6542														
	3	FURNISH & INSTALL 8" SEWER 9' TO 15' DEEP	LF	9664														
	4	FURNISH & INSTALL 10" SEWER 0' TO 7' DEEP	LF	165														
	5	FURNISH & INSTALL 10" SEWER 7' TO 9' DEEP	LF	225														
	6	FURNISH & INSTALL 10" SEWER 9' TO 15' DEEP	LF	255														
	7	FURNISH & INSTALL 12" SEWER 9' TO 15' DEEP	LF	3163														
	8	FURNISH & INSTALL 15" SEWER 9' TO 15' DEEP	LF	1488														
	9	FURNISH & INSTALL STANDARD MANHOLE 0' TO 7' DEEP	EA	28														
	10	FURNISH & INSTALL STANDARD MANHOLE 7' TO 9' DEEP	EA	26														
	11	FURNISH & INSTALL STANDARD MANHOLE 9' TO 15' DEEP	EA	37														
	12	FURNISH & INSTALL DROP MANHOLE 9' TO 15' DEEP	EA	10														
	13	FURNISH & INSTALL 8" x 4" WYES	EA	310														
	14	FURNISH & INSTALL 10" x 4" WYES	EA	8														
	15	FURNISH & INSTALL 12" x 4" WYES	EA	15														
	16	FURNISH & INSTALL 15" x 4" WYES	EA	8														
	17	FURNISH & INSTALL 4" SERVICE LINE	LF	8765														
	18	UTILITY & IRRIGATION SYSTEM REPAIRS & MAINTENANCE	LS	100%														
	19	6" AC PIPE FORCE MAIN - SEWER	LF	1315														
	20	LIFT STATION INSTALLED	LS	100%														
	21	6" AC PIPE-WATER LINE	LF	740														
	22	FIRE HYDRANT	EA	1														





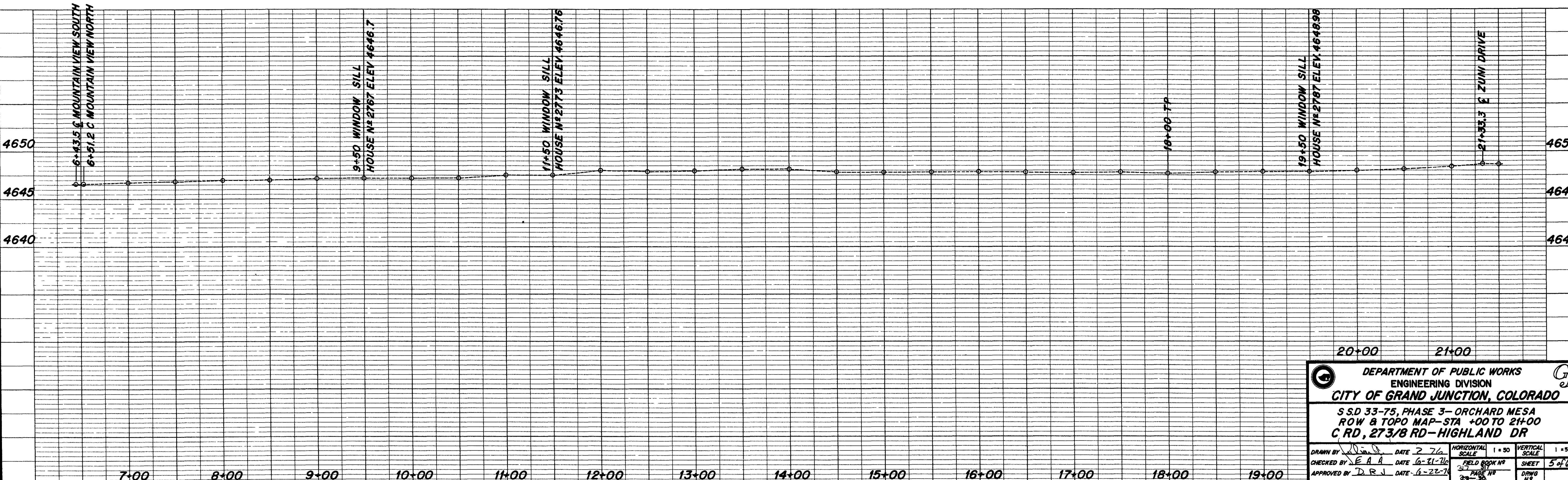
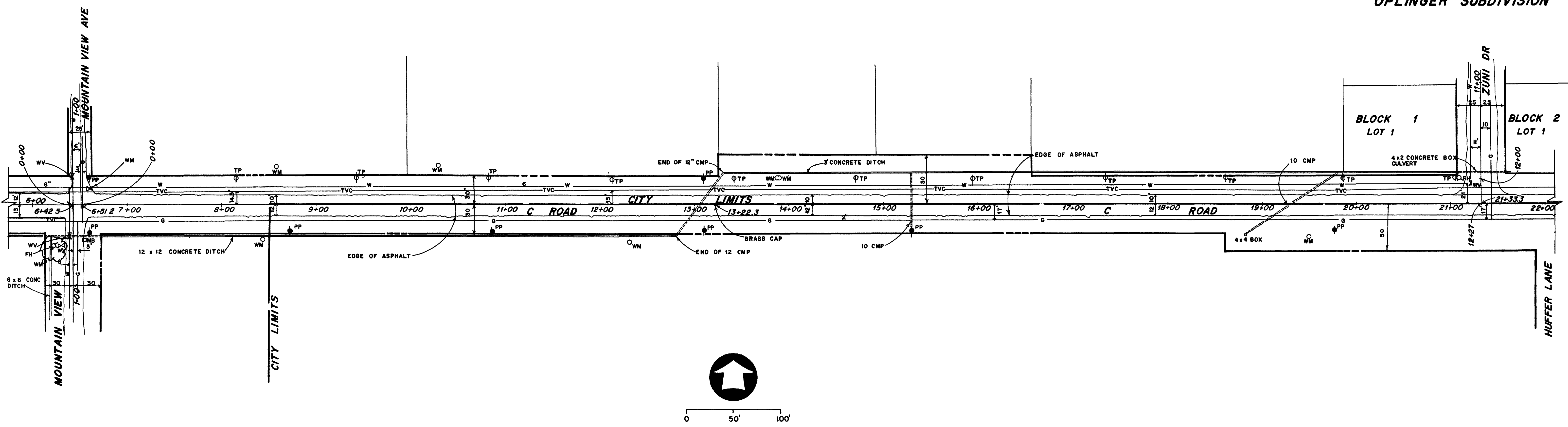
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

S.S.D. 33-75, PHASE 3, ORCHARD MESA  
 ROW & TOPO MAP, STA 0+00 TO 7+00  
**C RD - 27 1/2 RD - HIGHLAND DRIVE**

DRAWN BY <i>[Signature]</i>	DATE 4-10-75	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>[Signature]</i>	DATE 6-21-76	FIELD BOOK NO.	SHEET 4 of 64
APPROVED BY <i>[Signature]</i>	DATE 6-22-76	PAGE NO. 21-32	DRWG NO.



OPLINGER SUBDIVISION



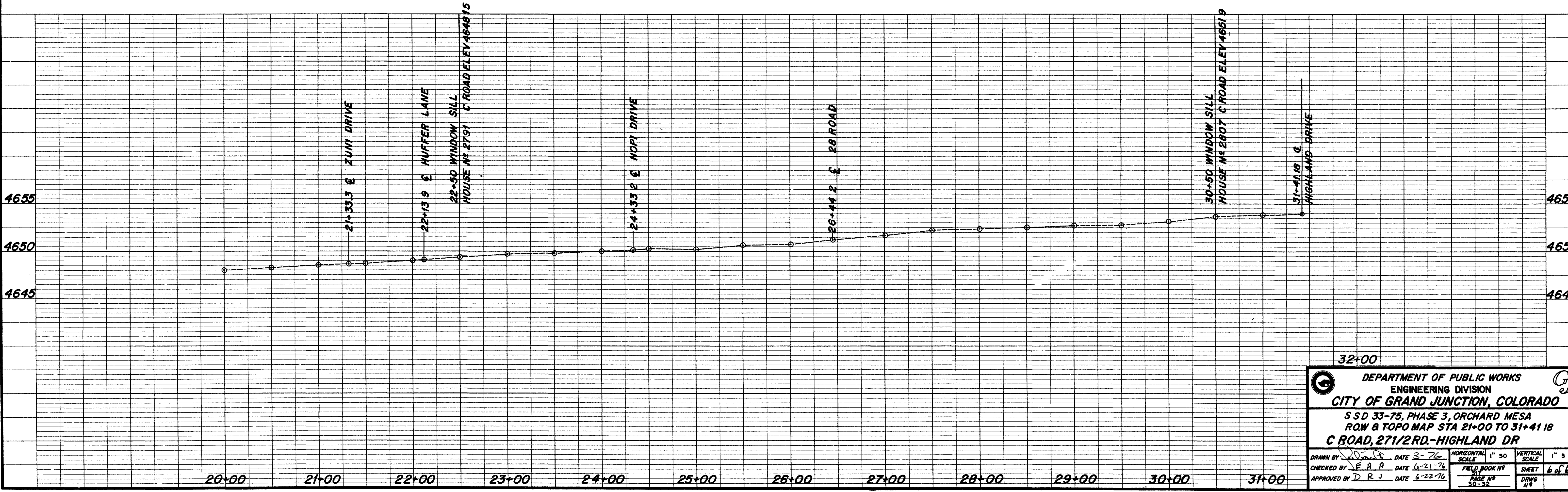
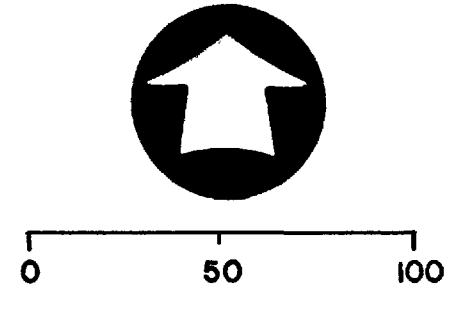
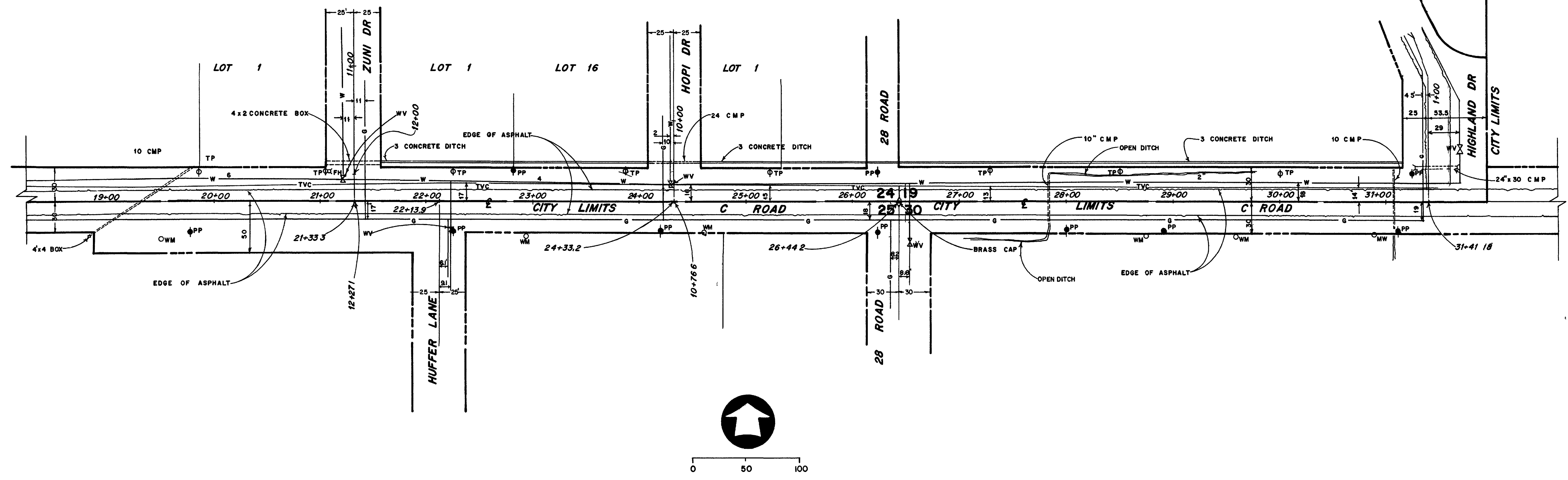
DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 CITY OF GRAND JUNCTION, COLORADO

S.S.D 33-75, PHASE 3- ORCHARD MESA  
 ROW & TOPO MAP- STA +00 TO 21+00  
 C RD, 273/8 RD-HIGHLAND DR

DRAWN BY *[Signature]* DATE 2-76 HORIZONTAL SCALE 1"=50' VERTICAL SCALE 1"=5'  
 CHECKED BY E.A.R. DATE 6-26-76 FIELD BOOK NO. 3-3 PAGE NO. 23-36 SHEET 5 of 64  
 APPROVED BY D.R.J. DATE 6-22-76 DRWG NO.



BLOCK 1 OPLINGER SUBDIVISION BLOCK 2 BLOCK 3 HIGHLAND ACRES



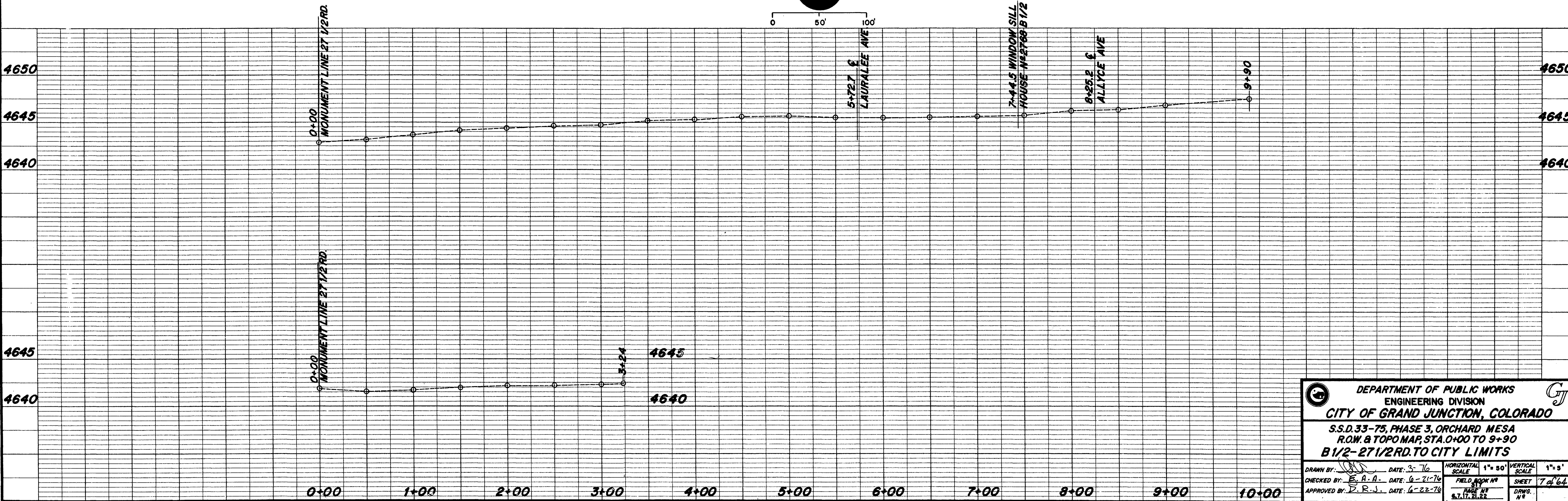
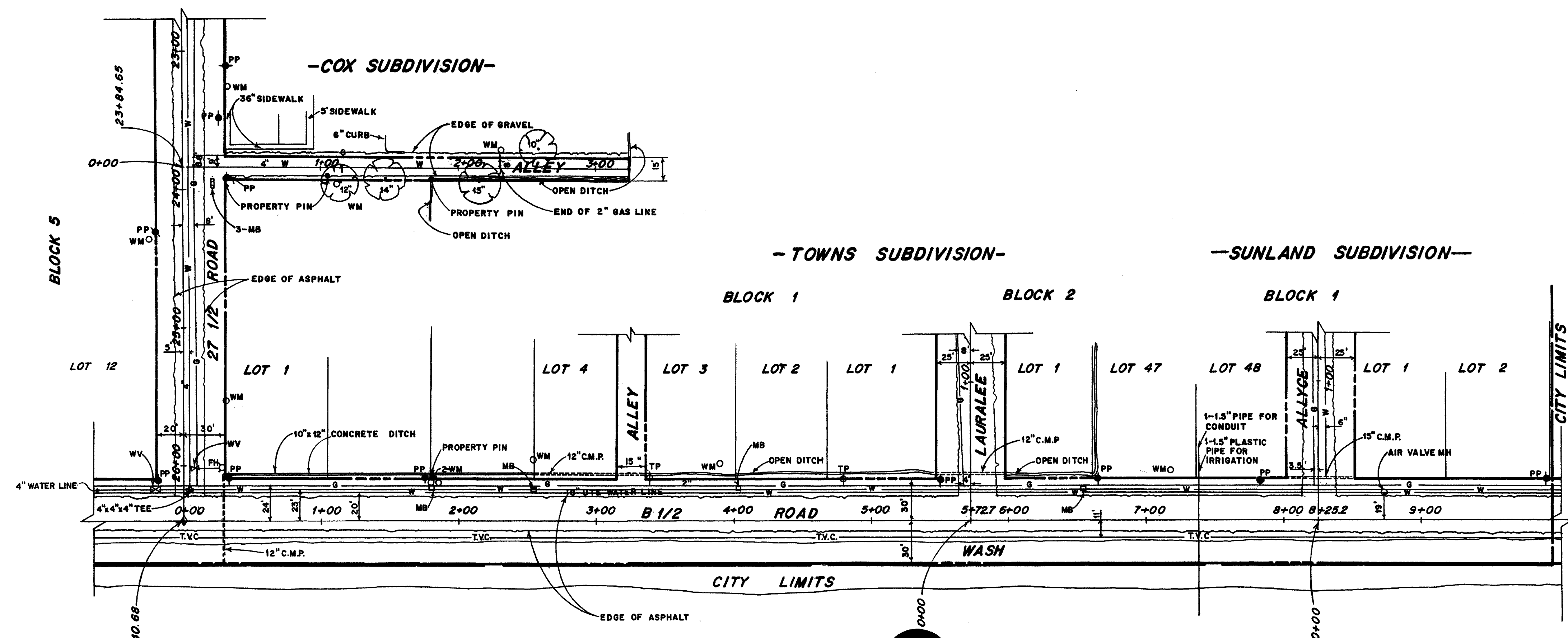
32+00


DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

S D 33-75, PHASE 3, ORCHARD MESA  
ROW & TOPO MAP STA 21+00 TO 31+41.18  
C ROAD, 27 1/2 RD.-HIGHLAND DR

DRAWN BY	DATE 3-76	HORIZONTAL SCALE	1" = 50'	VERTICAL SCALE	1" = 5'
CHECKED BY E. R. P.	DATE 6-21-76	FIELD BOOK NO.	39-32	SHEET	6 of 64
APPROVED BY D. R. J.	DATE 6-22-76	PAGE NO.	39-32	DRAWG NO.	



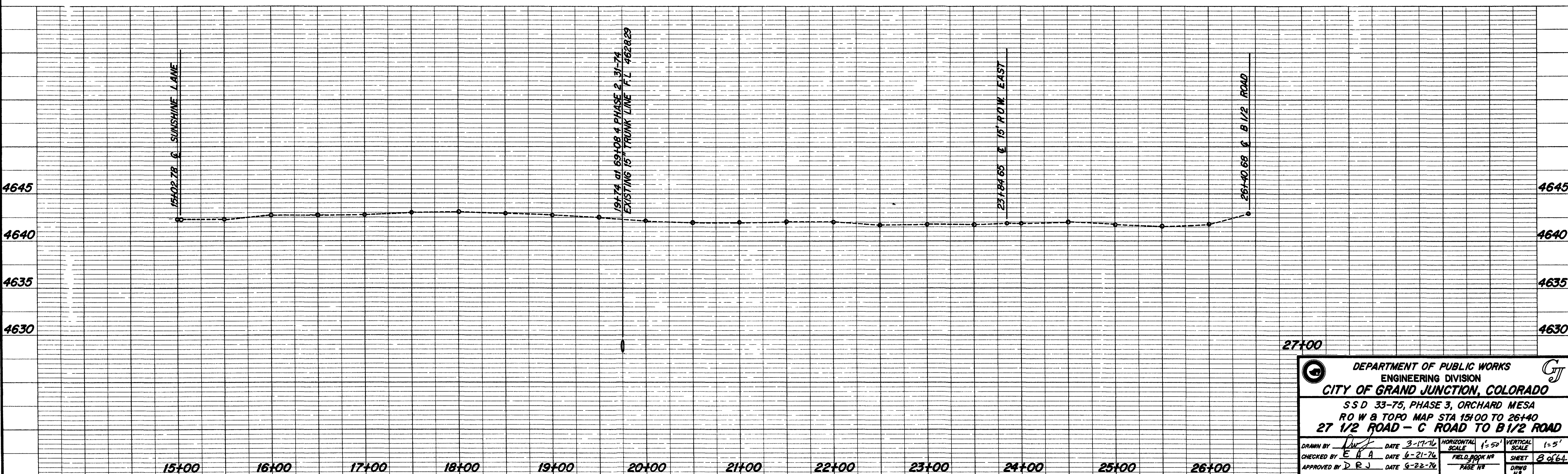
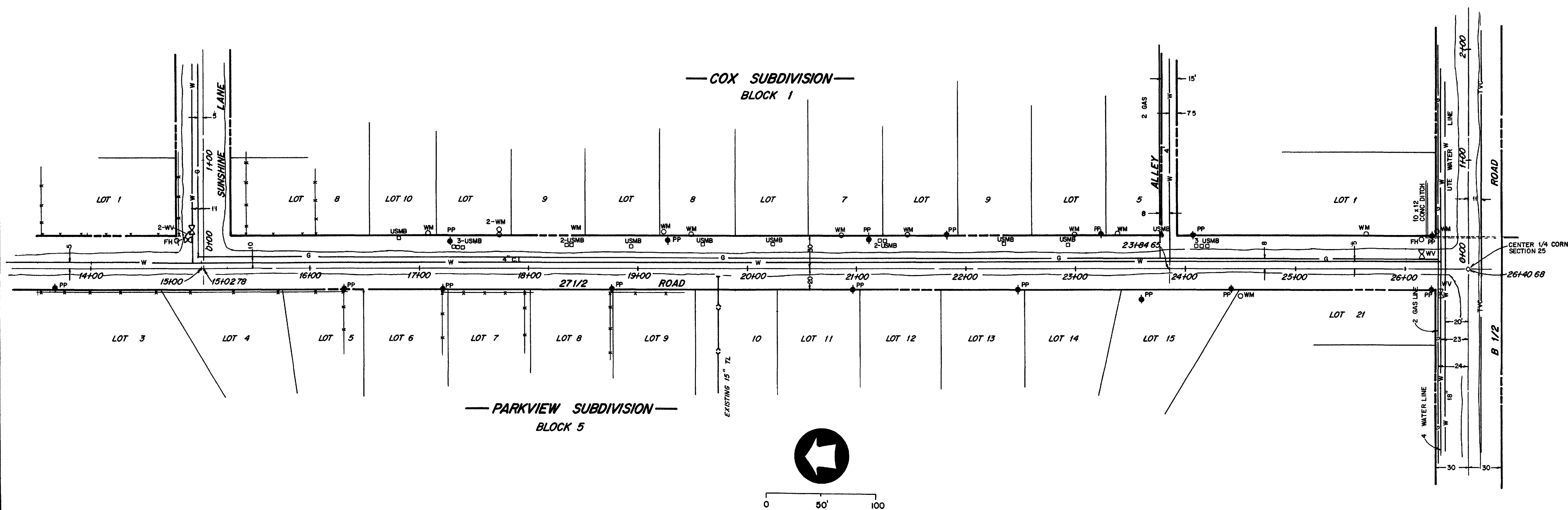



**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

S.S.D. 33-75, PHASE 3, ORCHARD MESA  
 R.O.W. & TOPO MAP, STA. 0+00 TO 9+90  
**B 1/2 - 27 1/2 RD. TO CITY LIMITS**

DRAWN BY: <i>[Signature]</i>	DATE: 3-76	HORIZONTAL SCALE: 1" = 50'	VERTICAL SCALE: 1" = 5'
CHECKED BY: <i>[Signature]</i>	DATE: 6-21-76	FIELD BOOK #:	SHEET: 7 of 64
APPROVED BY: <i>[Signature]</i>	DATE: 6-22-76	PAGE #:	DRWG. #:



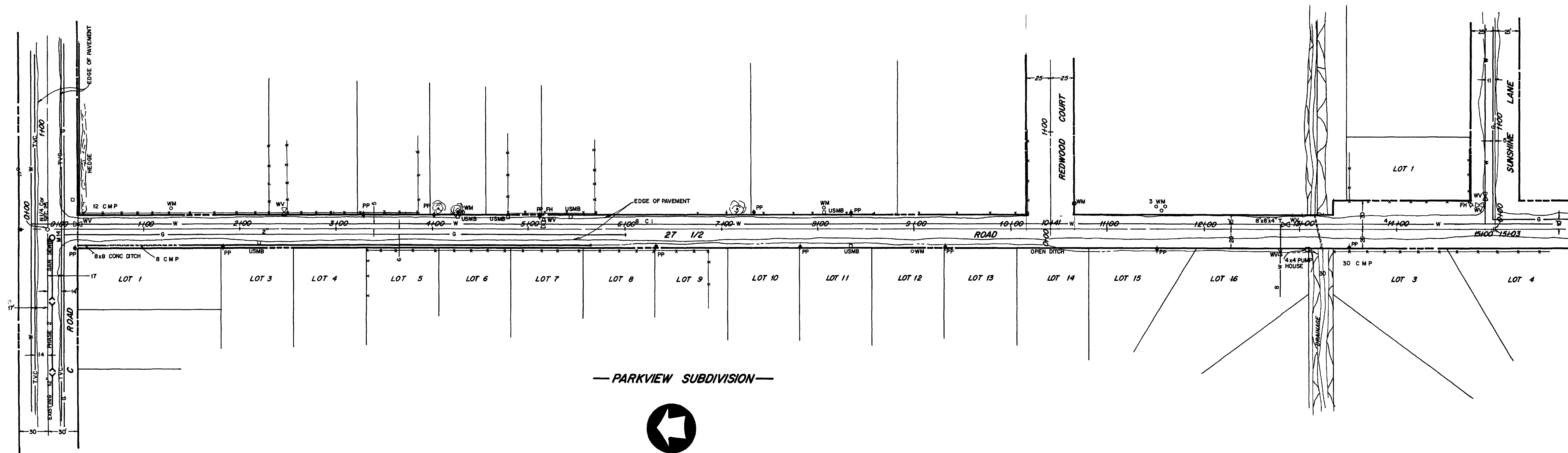


DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 CITY OF GRAND JUNCTION, COLORADO

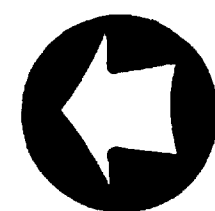
S S D 33-75, PHASE 3, ORCHARD MESA  
 RO W & TOPO MAP STA 15+00 TO 26+40  
 27 1/2 ROAD - C ROAD TO B 1/2 ROAD

DRAWN BY	DATE 3-17-76	HORIZONTAL SCALE	1"=50'	VERTICAL SCALE	1"=5'
CHECKED BY E. H. A.	DATE 6-21-76	FIELD BOOK NO.		SHEET	3 OF 64
APPROVED BY D. R. J.	DATE 9-22-76	PAGE NO.		DWG NO.	

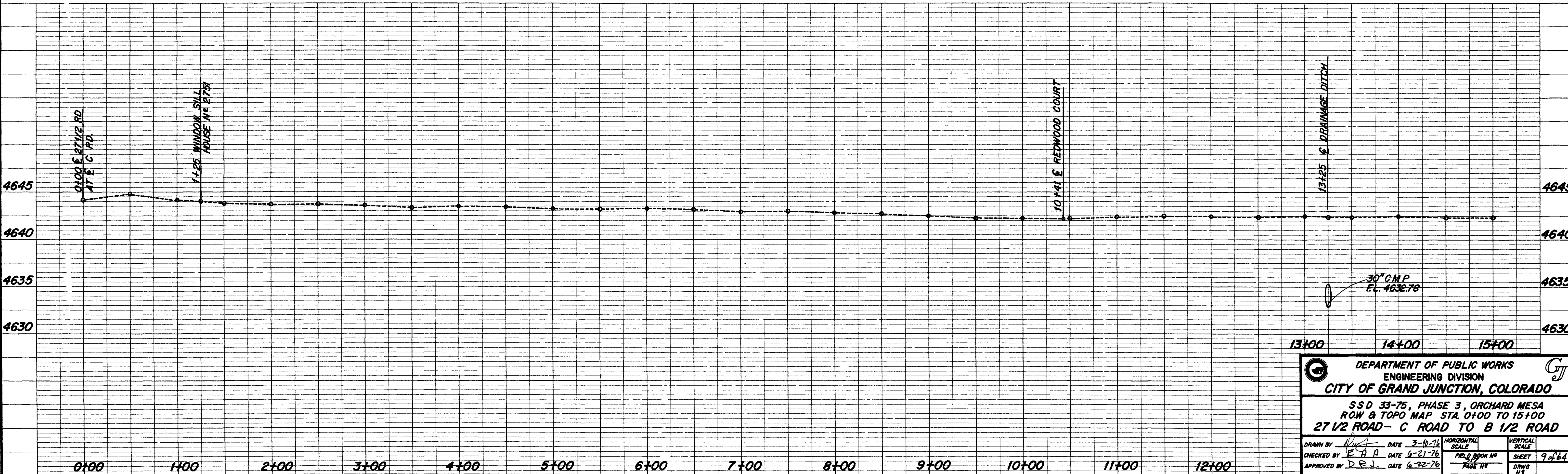




— PARKVIEW SUBDIVISION —



0 50' 100'



**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

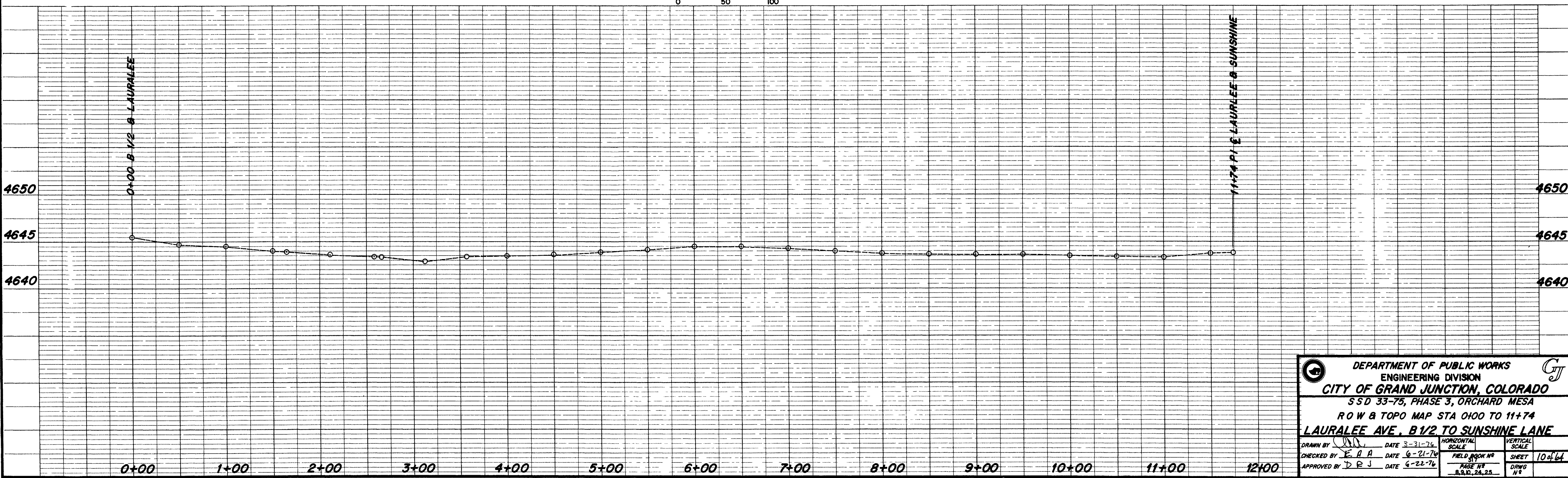
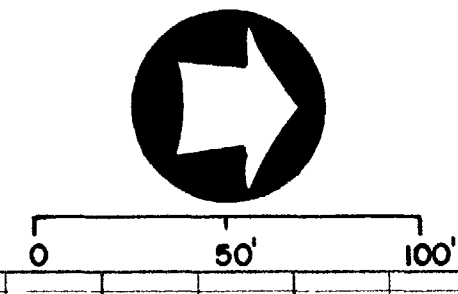
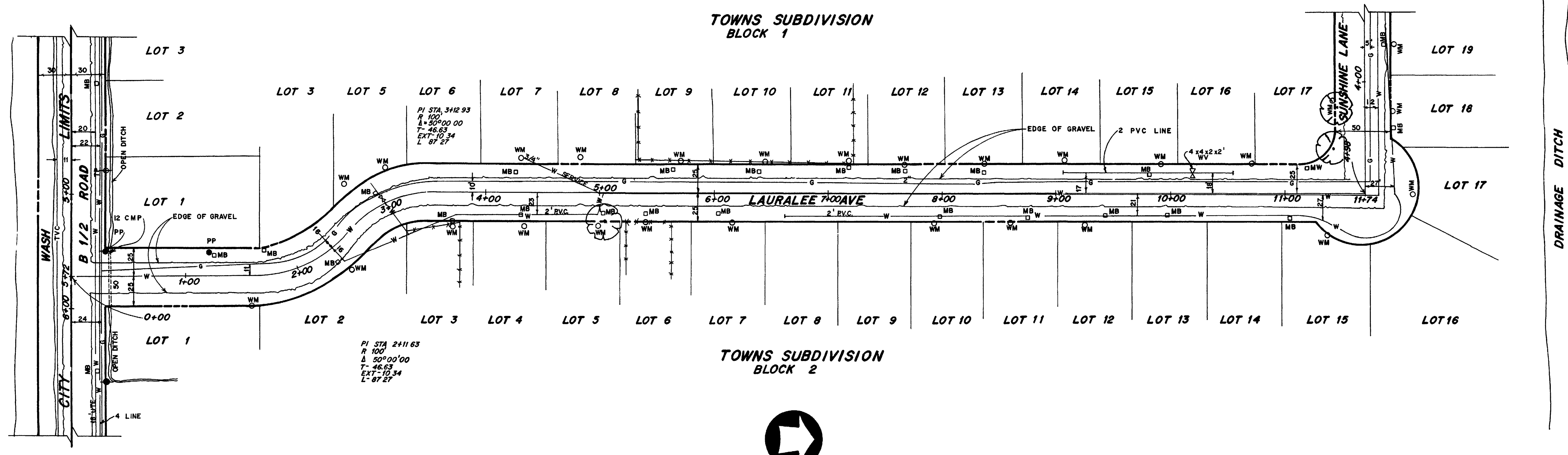
SSD 33-75, PHASE 3, ORCHARD MESA  
 ROW & TOPO MAP STA. 0+00 TO 15+00  
 27 1/2 ROAD - C ROAD TO B 1/2 ROAD

DRAWN BY: *[Signature]* DATE: 3-10-76  
 CHECKED BY: E.A.A. DATE: 6-21-76  
 APPROVED BY: D.R.J. DATE: 6-22-76

HORIZONTAL SCALE: \_\_\_\_\_  
 FIELD BOOK NO: \_\_\_\_\_  
 PAGE NO: \_\_\_\_\_

VERTICAL SCALE: \_\_\_\_\_  
 SHEET NO: 9 of 64  
 DWG NO: \_\_\_\_\_



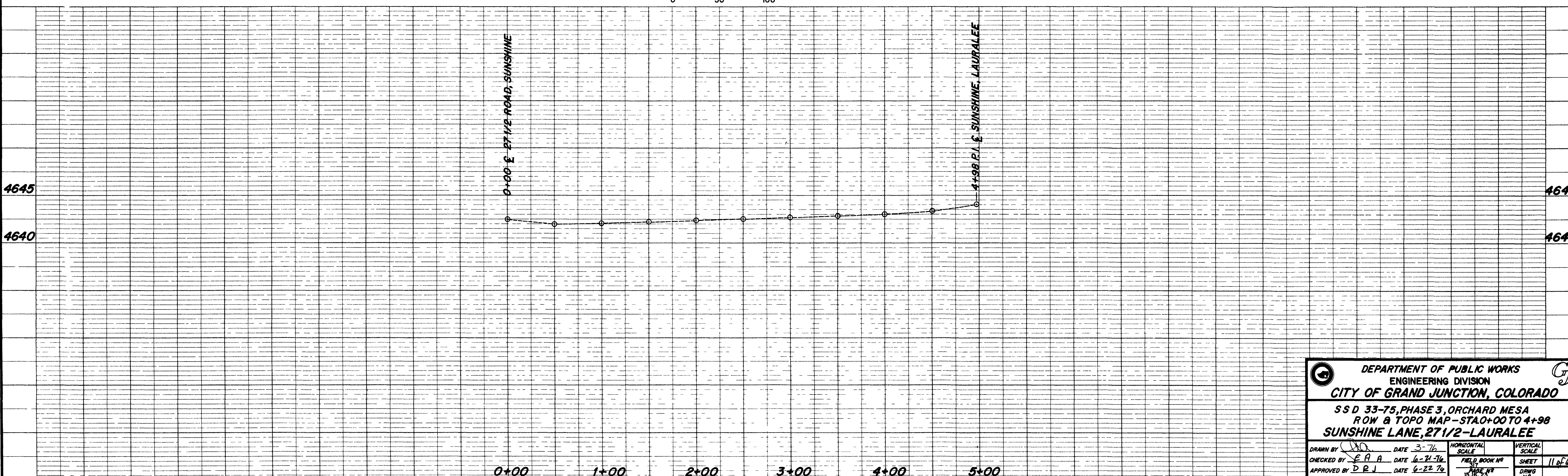
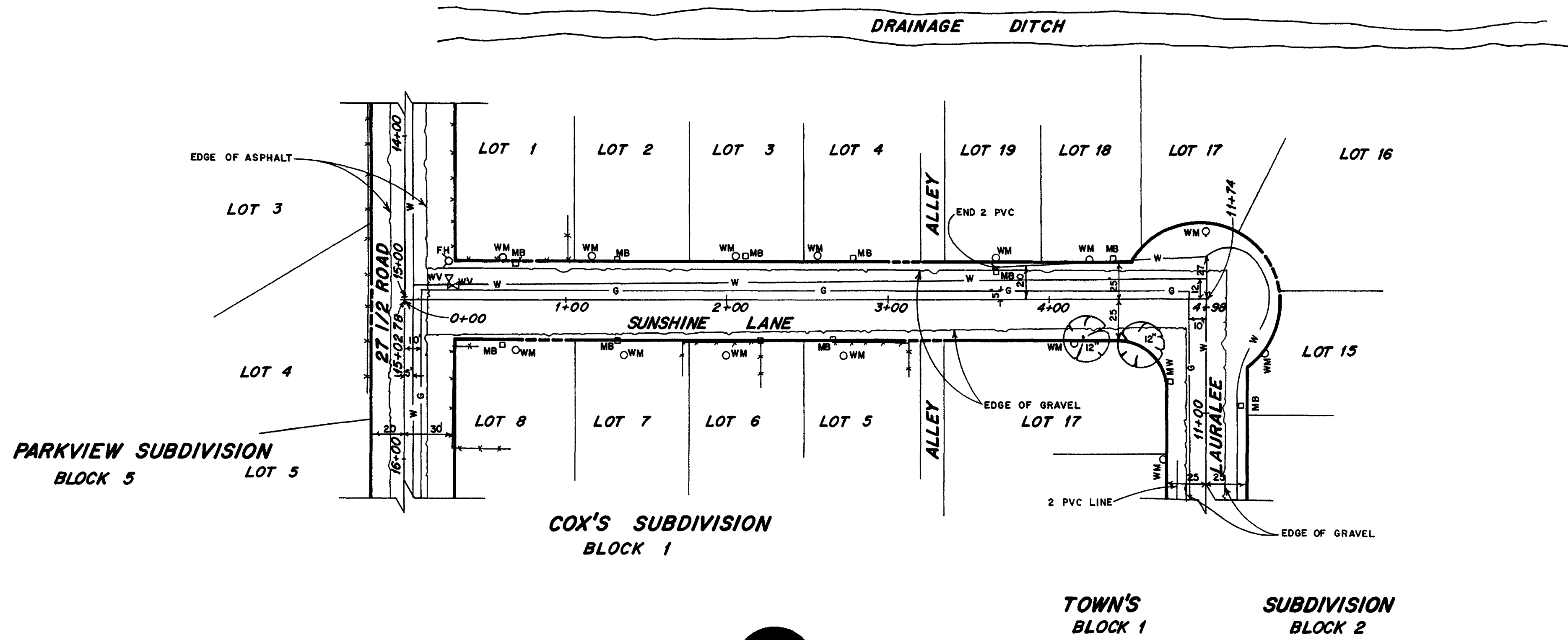



**DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO**

SSD 33-75, PHASE 3, ORCHARD MESA  
ROW & TOPO MAP STA 0+00 TO 11+74  
**LAURALEE AVE, B 1/2 TO SUNSHINE LANE**

DRAWN BY <i>[Signature]</i>	DATE 3-31-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY E. B. A.	DATE 4-21-76	FIELD BOOK NO.	SHEET 10 of 64
APPROVED BY D. E. J.	DATE 5-22-76	PAGE NO. 8, 9, 24, 25	DRWG NO.





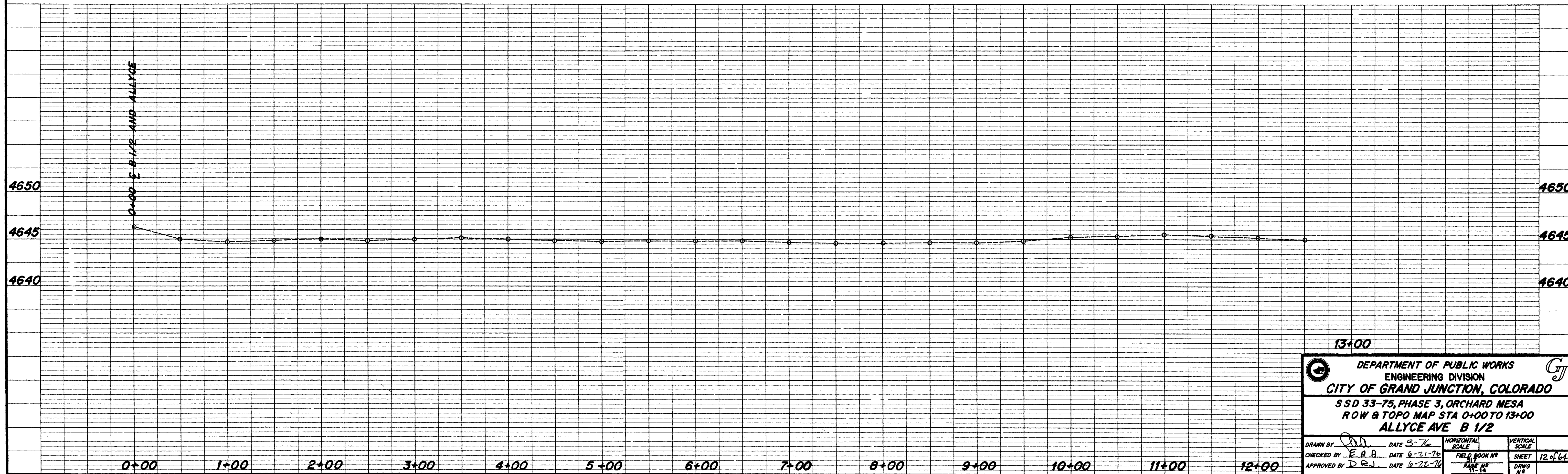
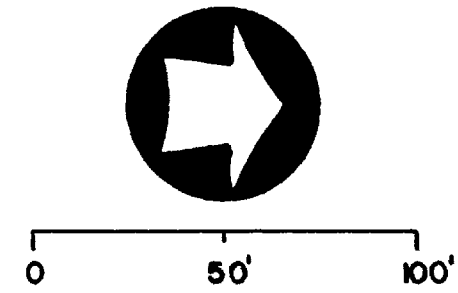
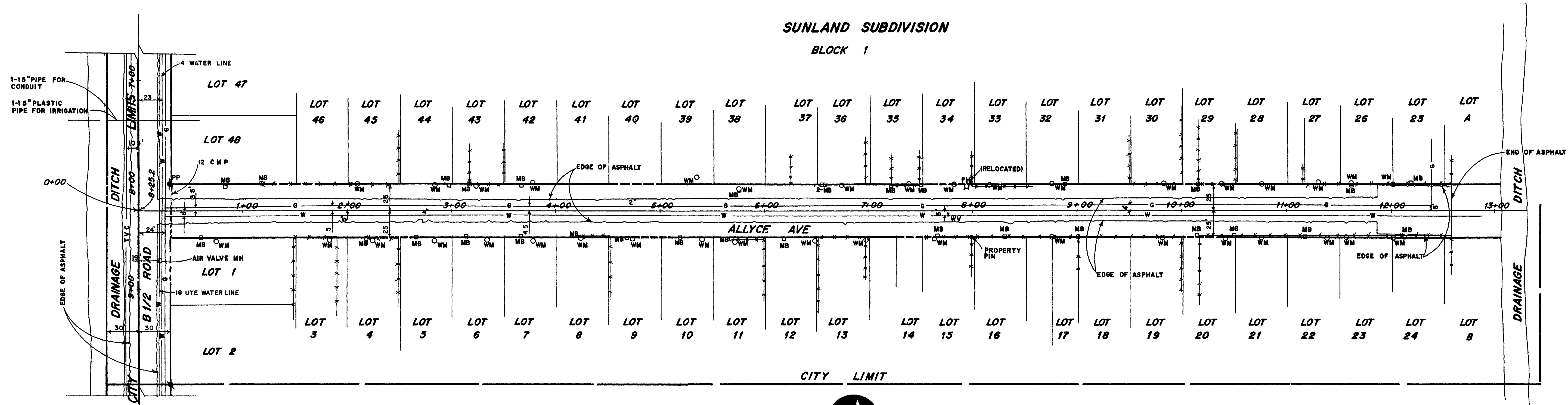

**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

**SS D 33-75, PHASE 3, ORCHARD MESA**  
**ROW & TOPO MAP - STA 0+00 TO 4+98**  
**SUNSHINE LANE, 27 1/2 - LAURALEE**

DRAWN BY <i>[Signature]</i> CHECKED BY <i>E.A.A.</i> APPROVED BY <i>D.R.J.</i>	DATE <i>3-76</i> DATE <i>6-21-76</i> DATE <i>6-22-79</i>	HORIZONTAL SCALE VERTICAL SCALE	FIELD BOOK NO PAGE NO DRAWG NO	SHEET <b>11 of 64</b>
--	--	------------------------------------	--------------------------------------	--------------------------



### SUNLAND SUBDIVISION BLOCK 1



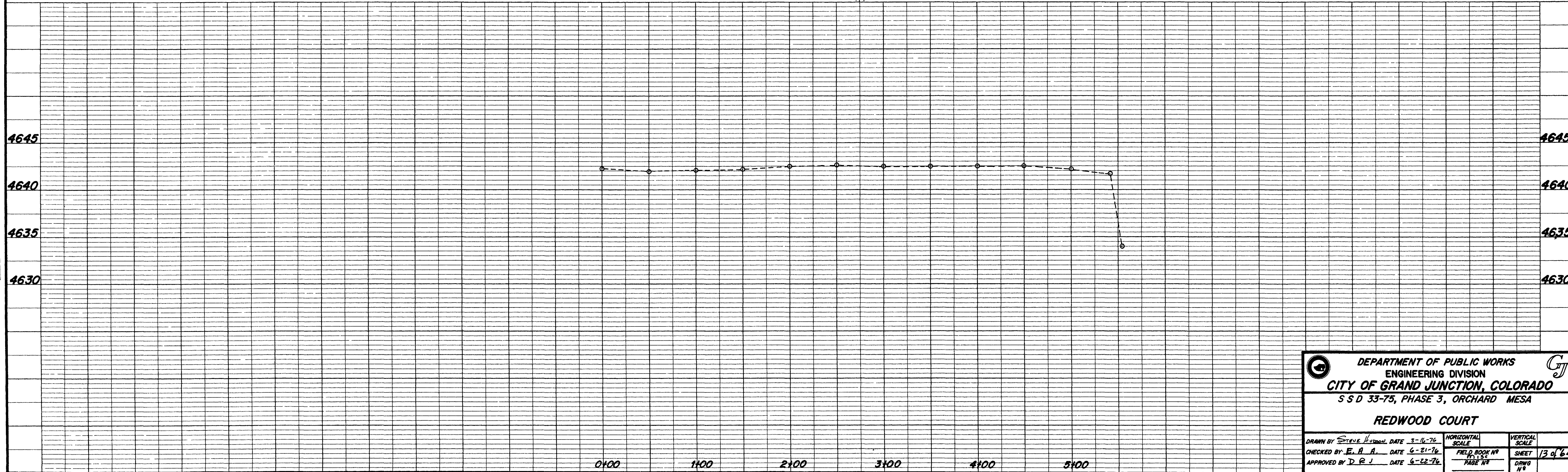
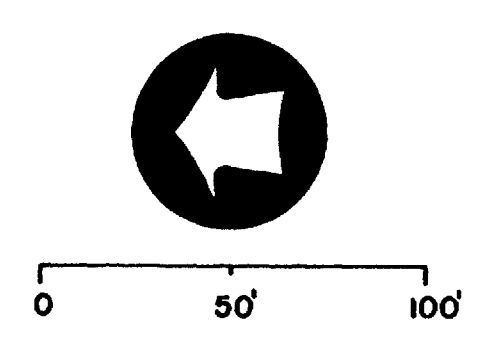
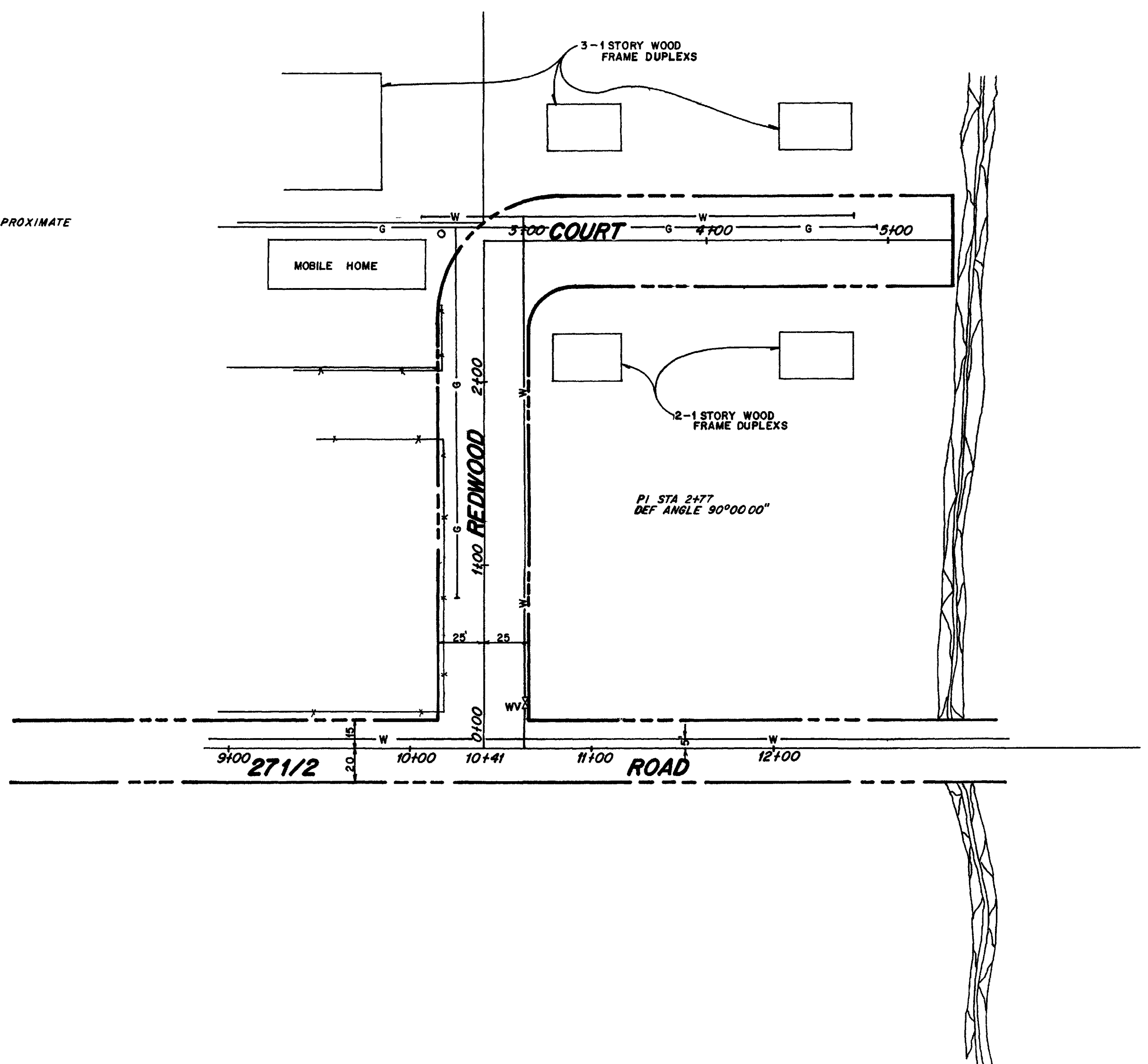
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO  
SSD 33-75, PHASE 3, ORCHARD MESA  
ROW & TOPO MAP STA 0+00 TO 13+00  
ALLYCE AVE B 1/2

DRAWN BY: [Signature] DATE: 3-76  
 CHECKED BY: E.A.A. DATE: 6-21-76  
 APPROVED BY: D.E.J. DATE: 6-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK #	SHEET 12 of 64
PAGE #	DRWG #



NOTE  
UTILITY LOCATIONS APPROXIMATE

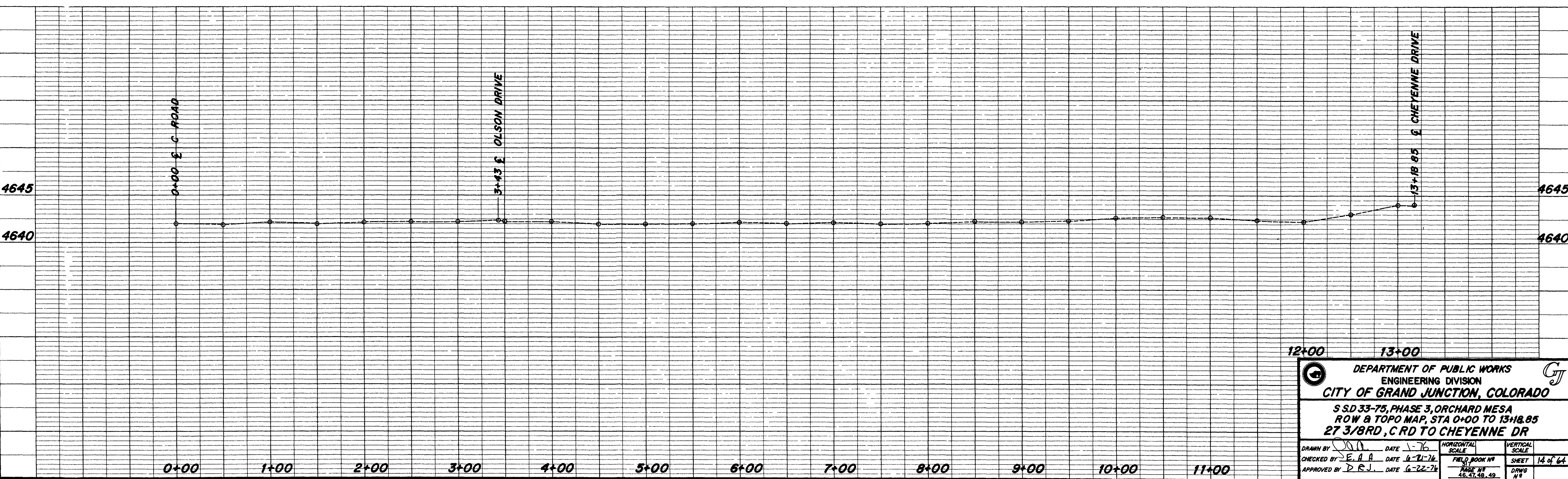
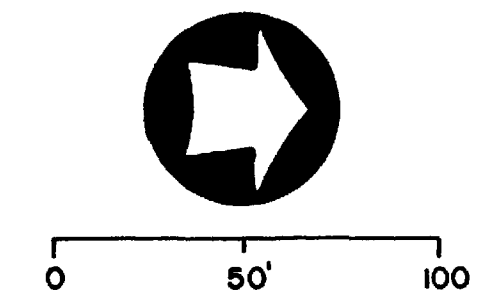
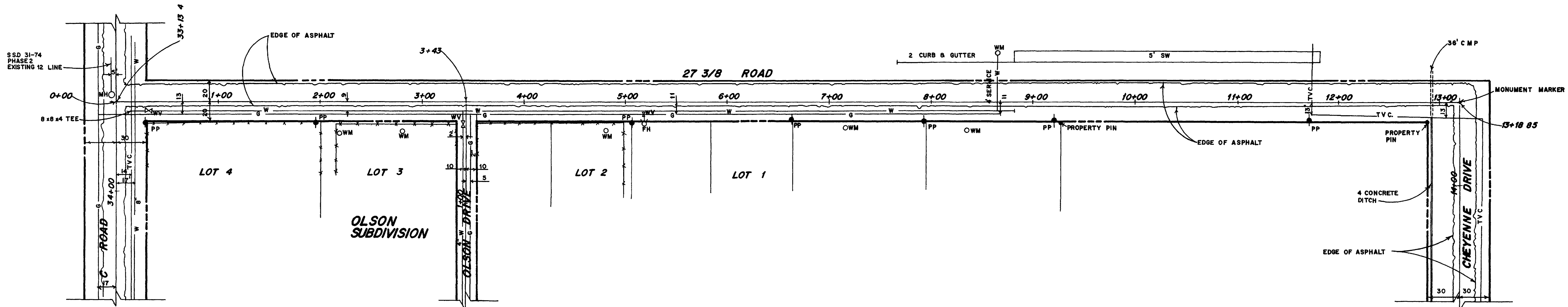


DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO  
S S D 33-75, PHASE 3, ORCHARD MESA

**REDWOOD COURT**

DRAWN BY <i>Steve Hudson</i> DATE 3-11-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>E. A. A.</i> DATE 4-21-76	FIELD BOOK NO	SHEET 13 of 64
APPROVED BY <i>D. R. J.</i> DATE 4-22-76	PAGE NO	DRWG NO





DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

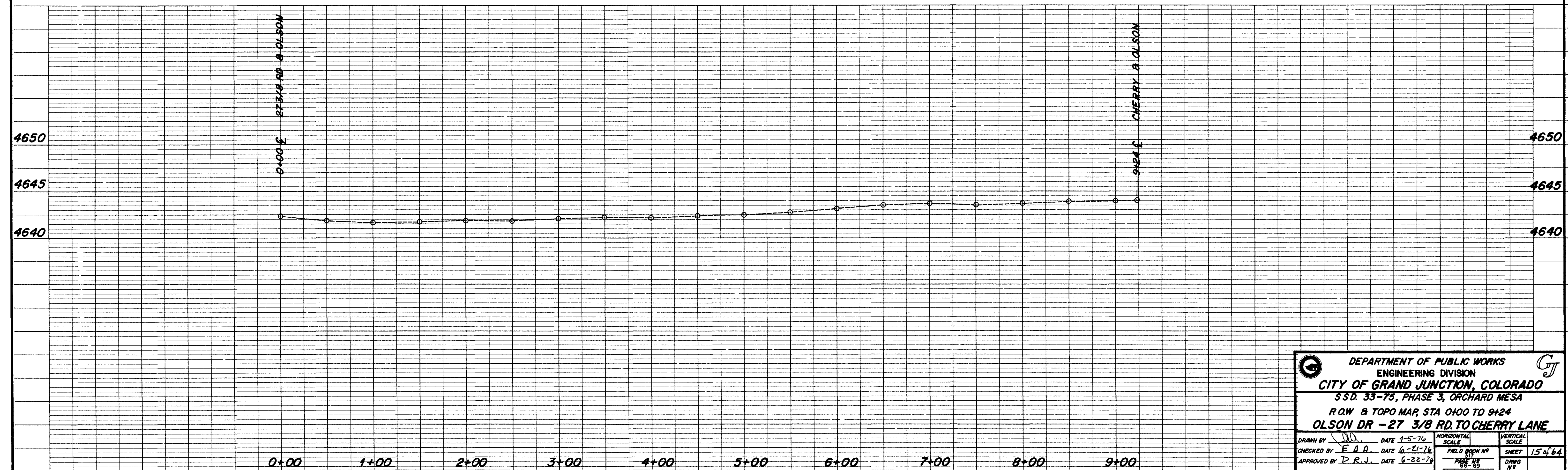
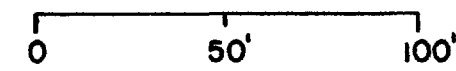
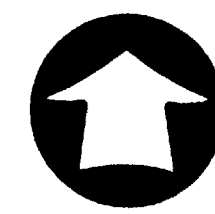
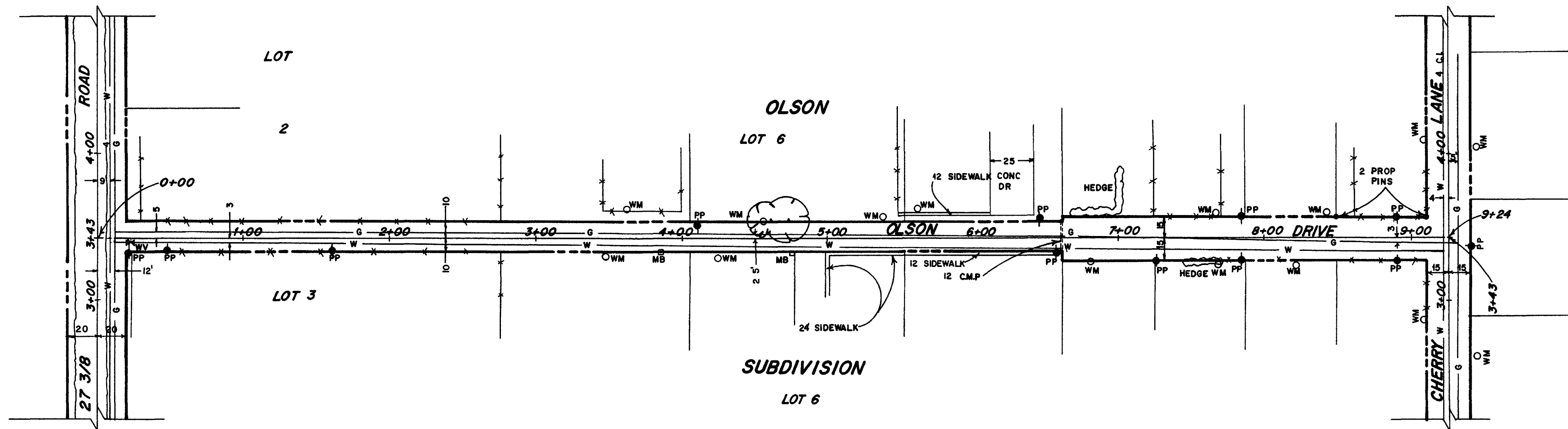
S.S.D. 33-75, PHASE 3, ORCHARD MESA  
ROW & TOPO MAP, STA 0+00 TO 13+18.85  
27 3/8 RD, CRD TO CHEYENNE DR

DRAWN BY: [Signature] DATE: 1-76  
CHECKED BY: E.H.A. DATE: 6-21-76  
APPROVED BY: D.R.J. DATE: 6-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO	SHEET
PAGE NO	DRWG NO
46, 47, 48, 49	14 of 64

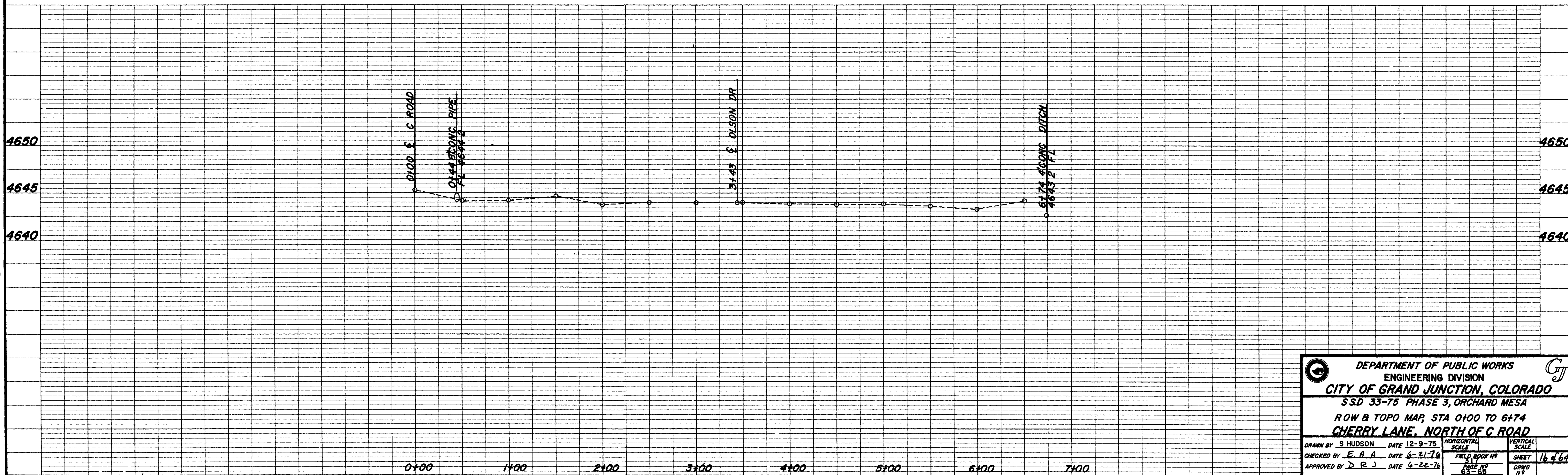
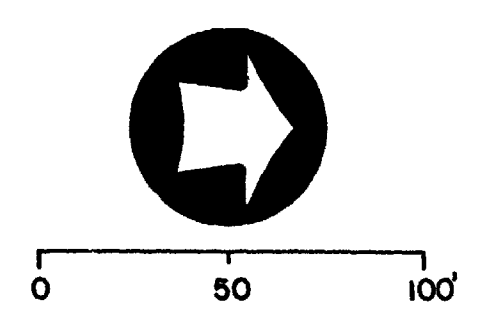
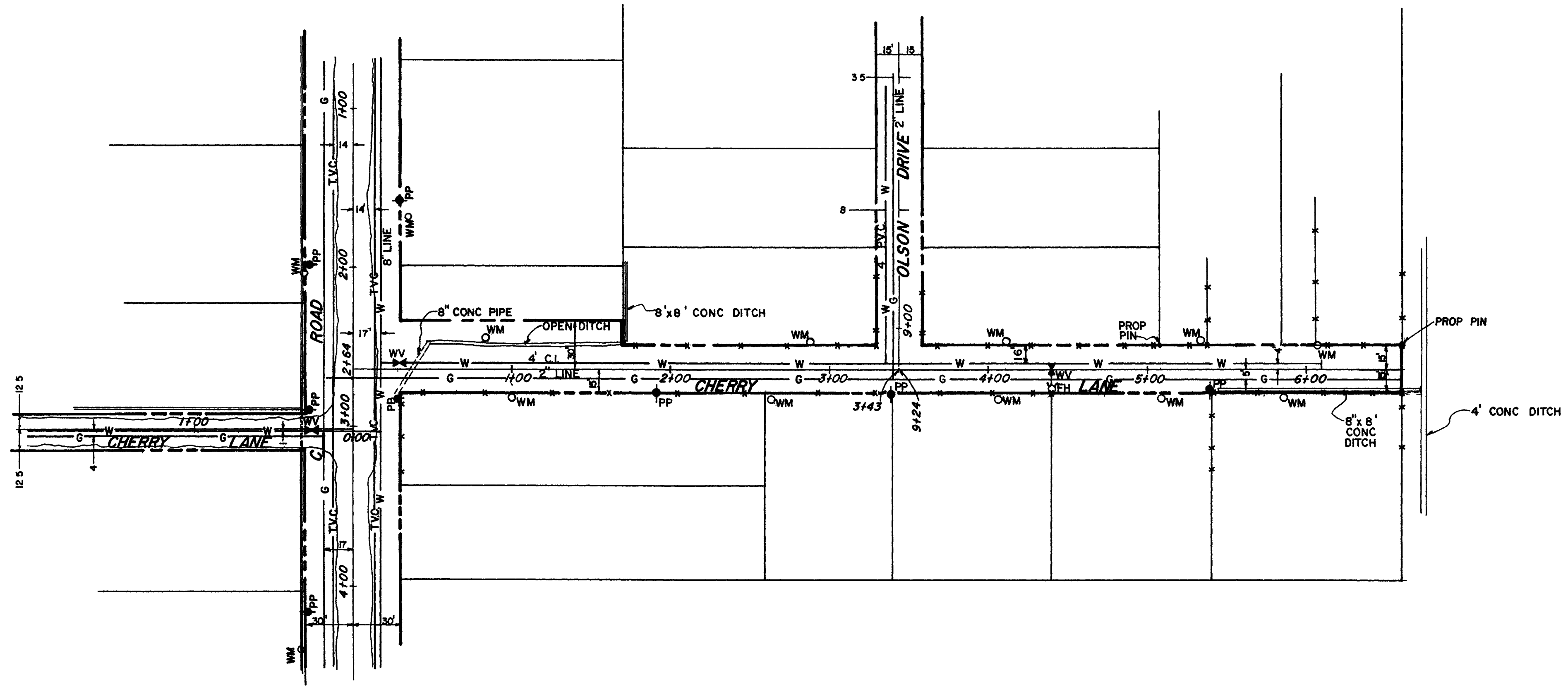
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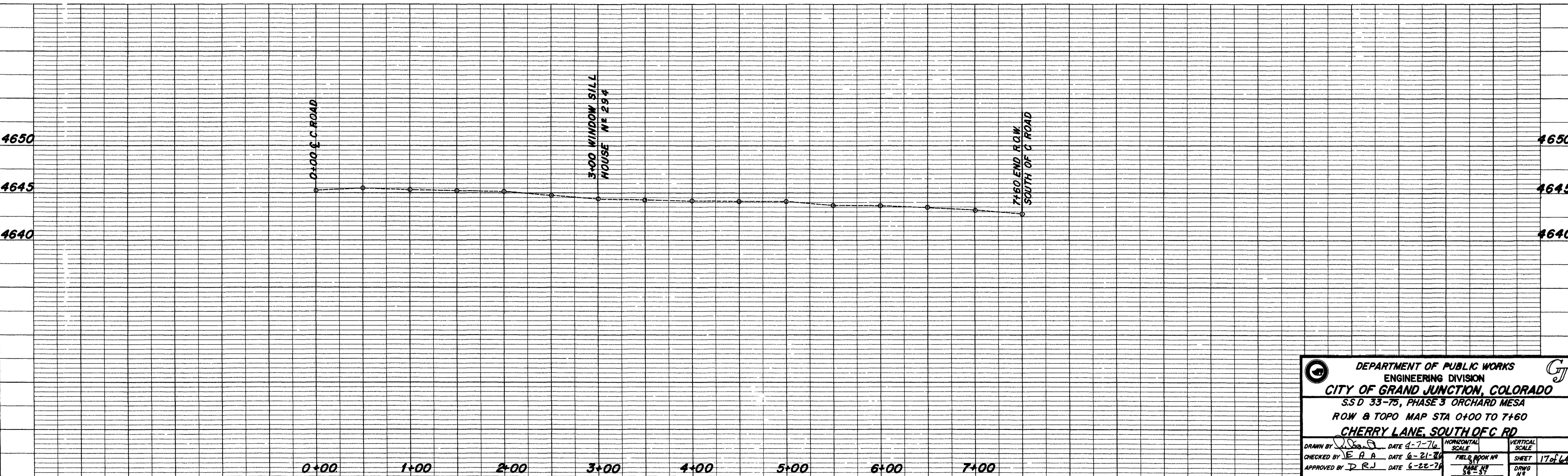
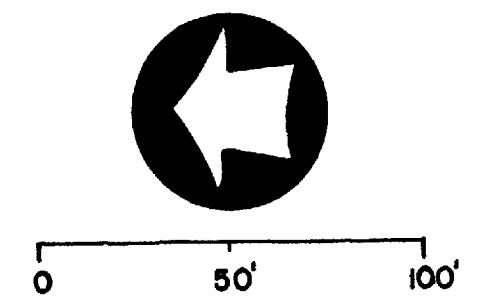
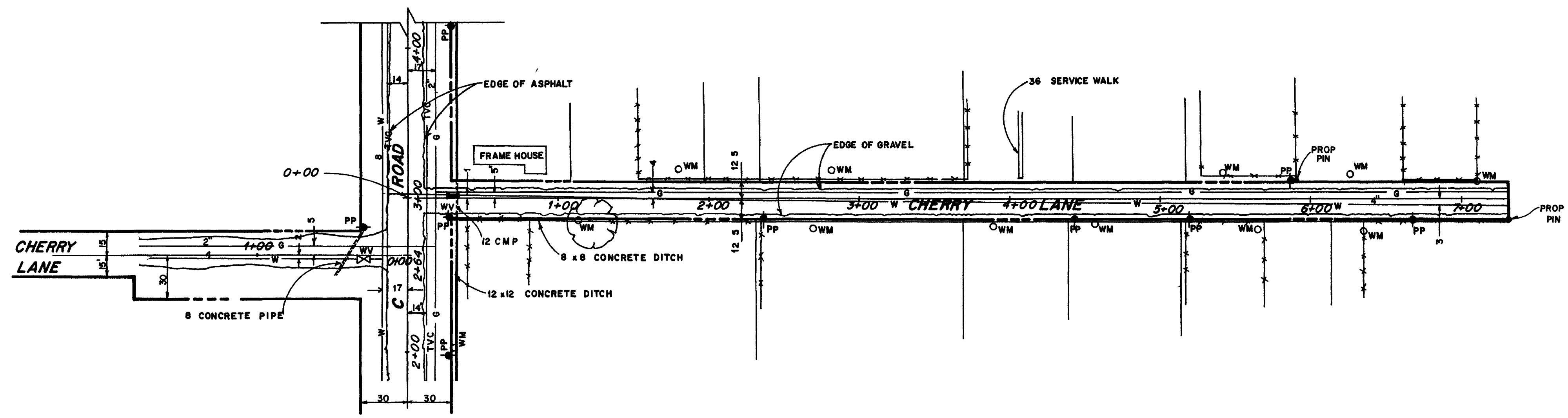


DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO S.S.D. 33-75, PHASE 3, ORCHARD MESA R.O.W. & TOPO MAP, STA 0+00 TO 9+24 <b>OLSON DR - 27 3/8 RD. TO CHERRY LANE</b>			
DRAWN BY <i>E.A.A.</i> DATE 1-5-76 CHECKED BY <i>E.A.A.</i> DATE 6-21-76 APPROVED BY <i>D.R.J.</i> DATE 6-22-76	HORIZONTAL SCALE FIELD BOOK NO PAGE NO 66-69	VERTICAL SCALE SHEET 15 of 64 DRAWG NO	





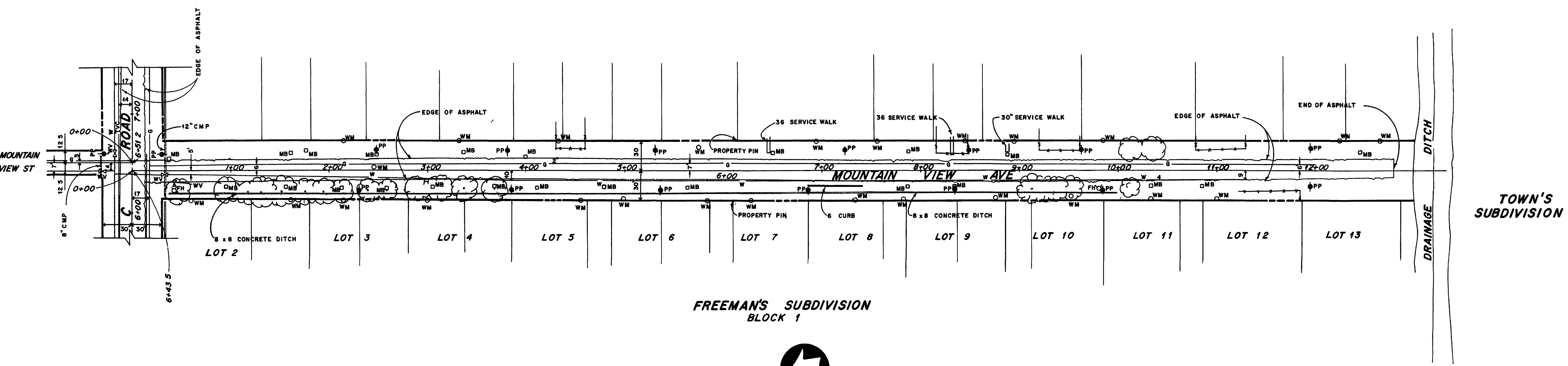
		DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION <b>CITY OF GRAND JUNCTION, COLORADO</b>	
		S.S.D 33-75 PHASE 3, ORCHARD MESA ROW & TOPO MAP, STA 0+00 TO 6+74 <b>CHERRY LANE, NORTH OF C ROAD</b>	
DRAWN BY S HUDSON CHECKED BY E. A. A. APPROVED BY D. R. J.	DATE 12-9-75 DATE 6-21-76 DATE 6-22-76	HORIZONTAL SCALE 1" = 40'	VERTICAL SCALE 1" = 4'
FIELD BOOK NO. 31		SHEET 16 of 64	DRAWN BY GJ



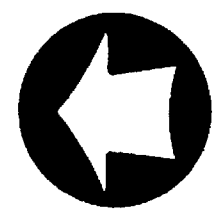
<b>DEPARTMENT OF PUBLIC WORKS</b> <b>ENGINEERING DIVISION</b> <b>CITY OF GRAND JUNCTION, COLORADO</b>			
S.S.D 33-75, PHASE 3 ORCHARD MESA ROW & TOPO MAP STA 0+00 TO 7+60 <b>CHERRY LANE, SOUTH OF C RD</b>			
DRAWN BY <i>[Signature]</i> CHECKED BY <i>E.A.A.</i> APPROVED BY <i>D.R.J.</i>	DATE 4-7-76 DATE 6-21-76 DATE 6-22-76	HORIZONTAL SCALE 1" = 40' FIELD BOOK NO. 58-37 PAGE 37	VERTICAL SCALE 1" = 10' SHEET 17 of 44 DWG NO.



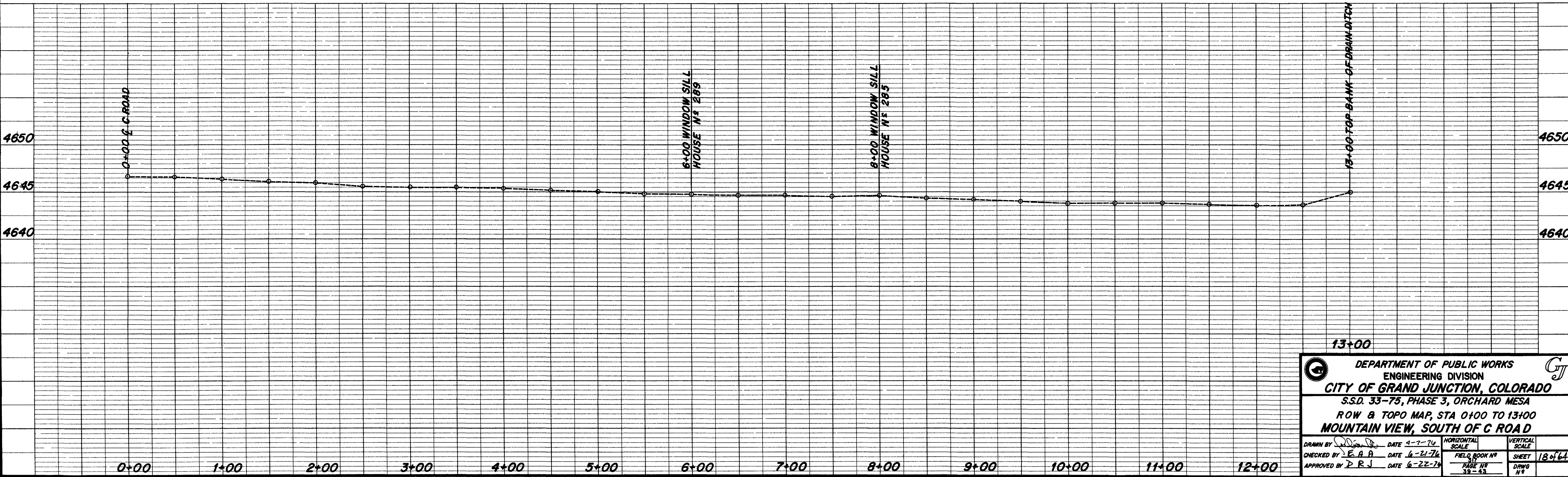
CITY LIMITS



FREEMAN'S SUBDIVISION  
BLOCK 1



0 50' 100'



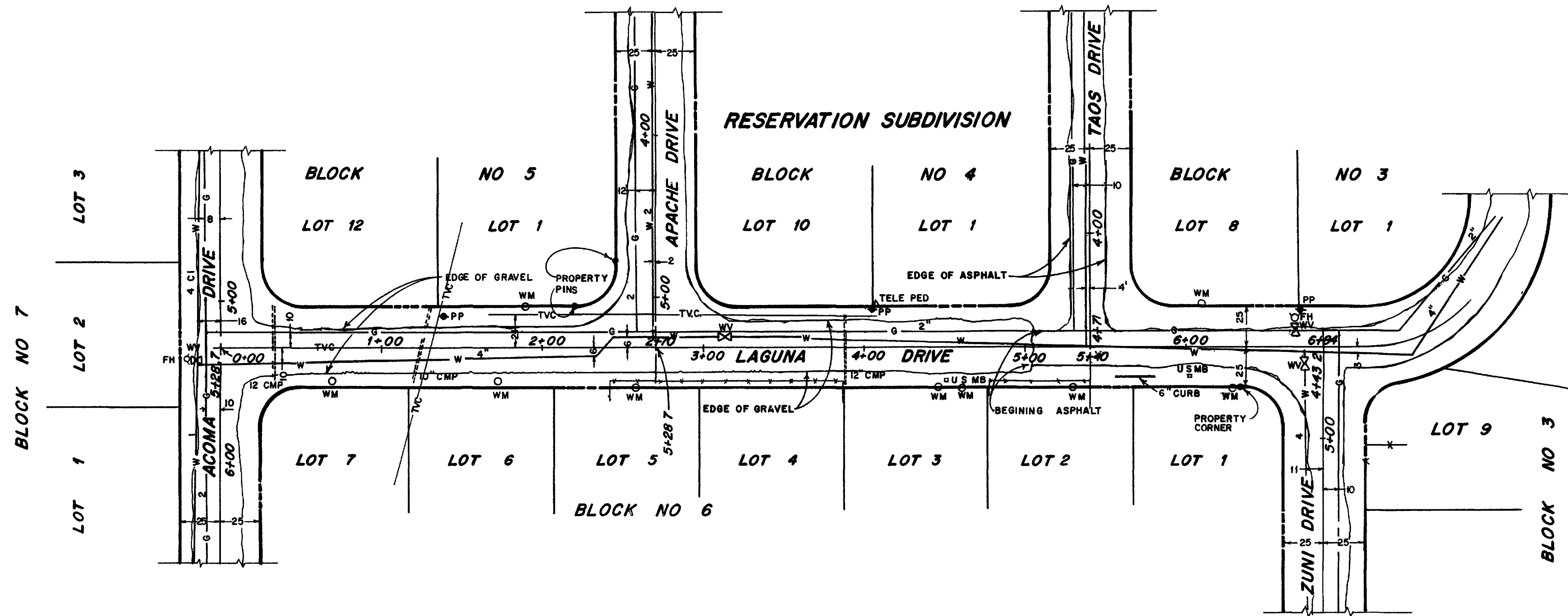
13+00

<b>DEPARTMENT OF PUBLIC WORKS</b> ENGINEERING DIVISION <b>CITY OF GRAND JUNCTION, COLORADO</b> S.S.D. 33-75, PHASE 3, ORCHARD MESA ROW & TOPO MAP, STA 0+00 TO 13+00 <b>MOUNTAIN VIEW, SOUTH OF C ROAD</b>			
DRAWN BY <i>[Signature]</i> APPROVED BY <i>[Signature]</i>	DATE 4-7-74 DATE 6-21-76 DATE 6-22-76	HORIZONTAL SCALE FIELD BOOK NO. 31 PAGE NO. 38-43	VERTICAL SCALE SHEET 18 of 64 DRAWING NO.

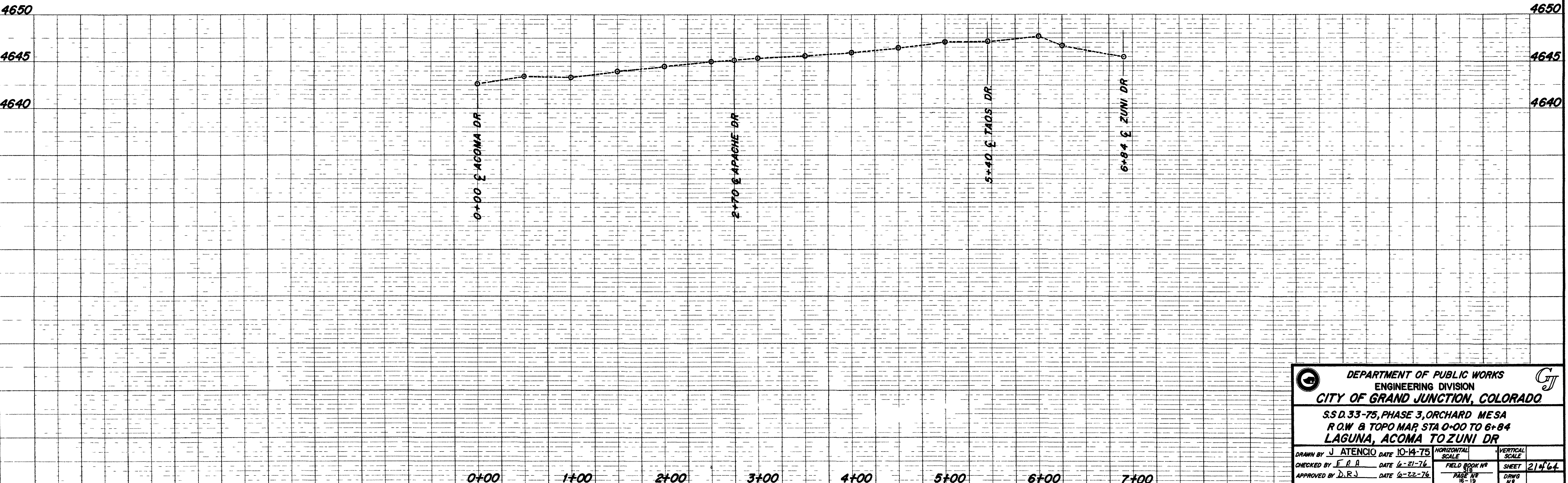









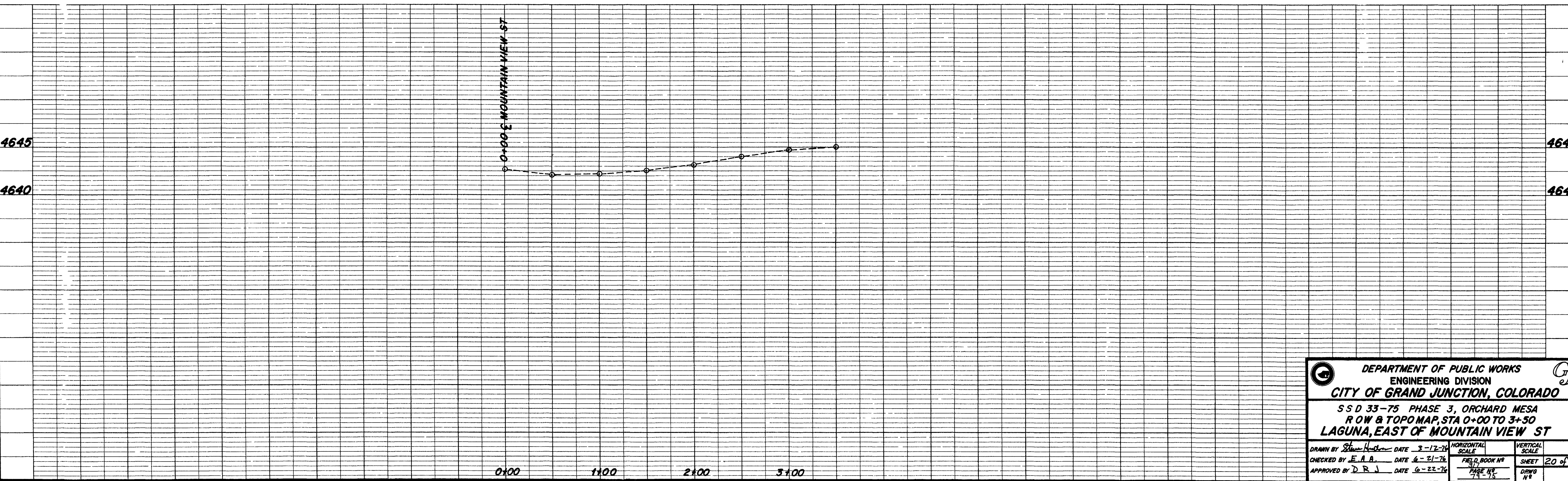
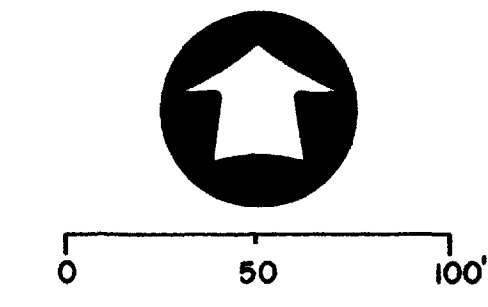
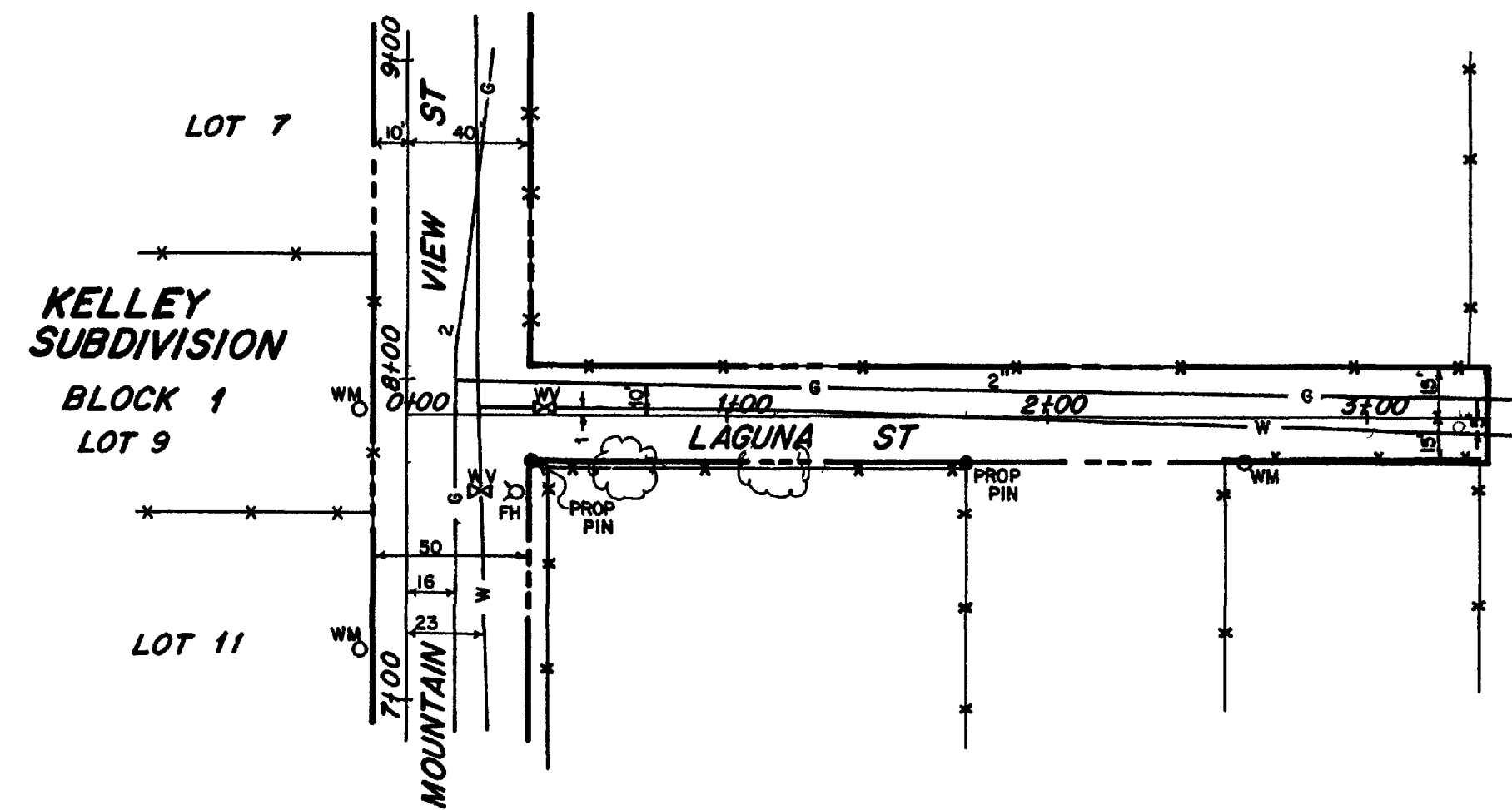
0 50' 100'





**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

**S.S.D. 33-75, PHASE 3, ORCHARD MESA**  
**R.O.W. & TOPO MAP STA 0+00 TO 6+84**  
**LAGUNA, ACOMA TO ZUNI DR**

DRAWN BY J. ATENCIO	DATE 10-14-75	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY E.R.A.	DATE 4-21-76	FIELD BOOK NO. 18	SHEET 21 of 64
APPROVED BY D.R.J.	DATE 6-22-76	PAGE NO. 15-19	DRWG. NO.

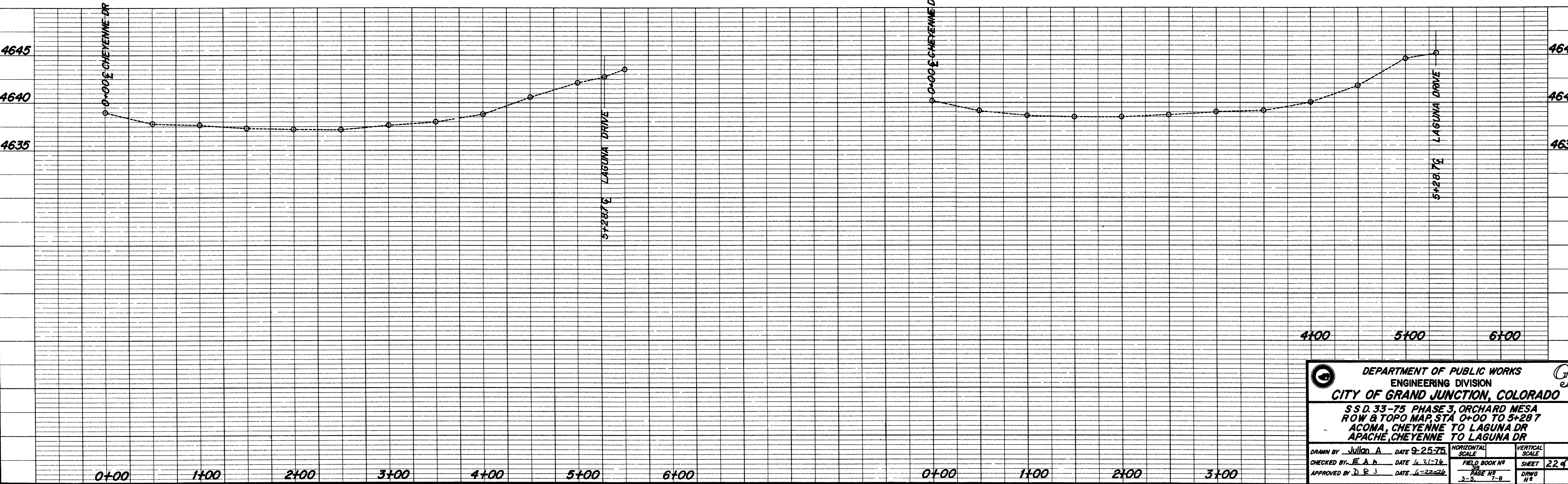
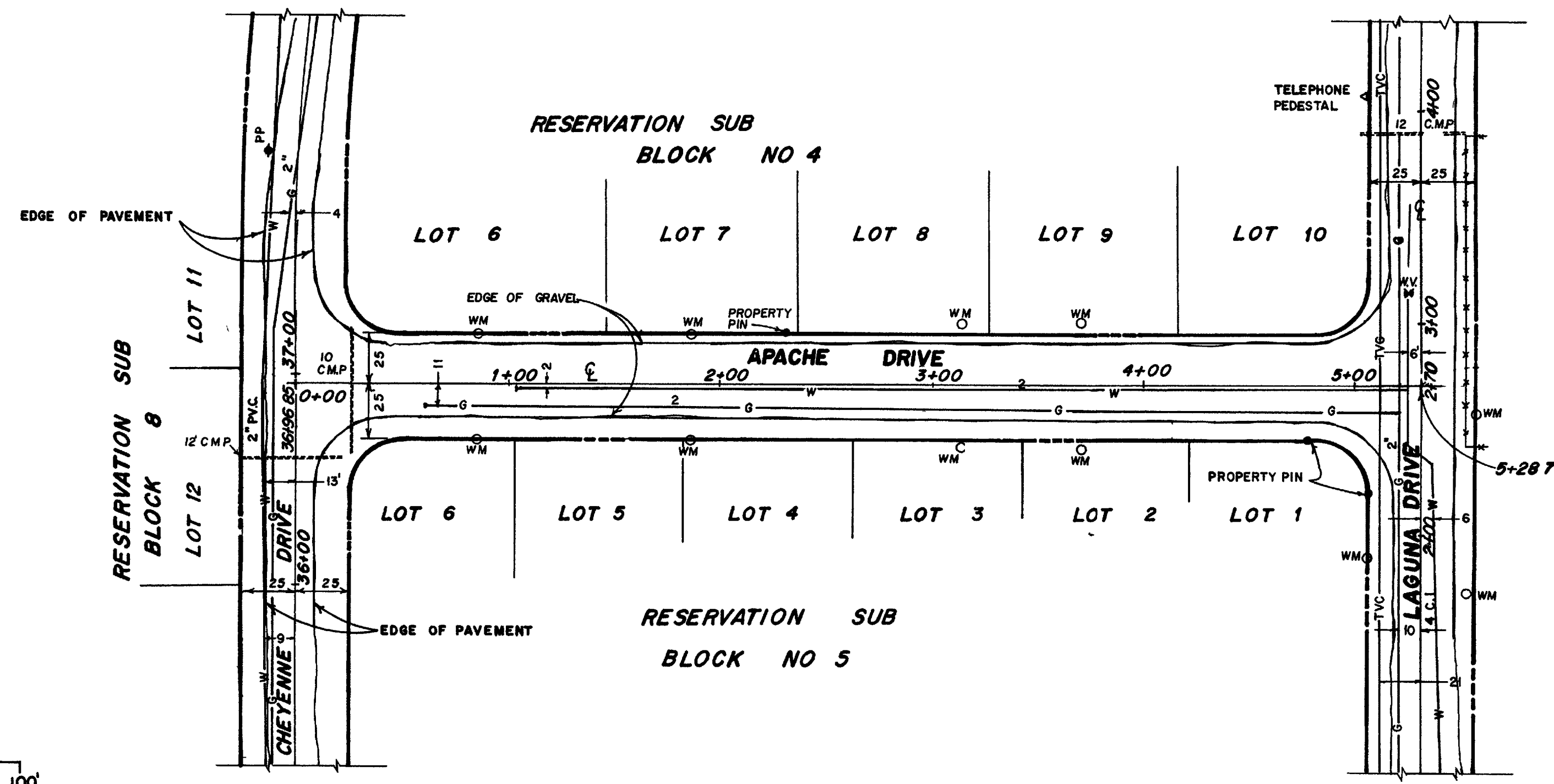
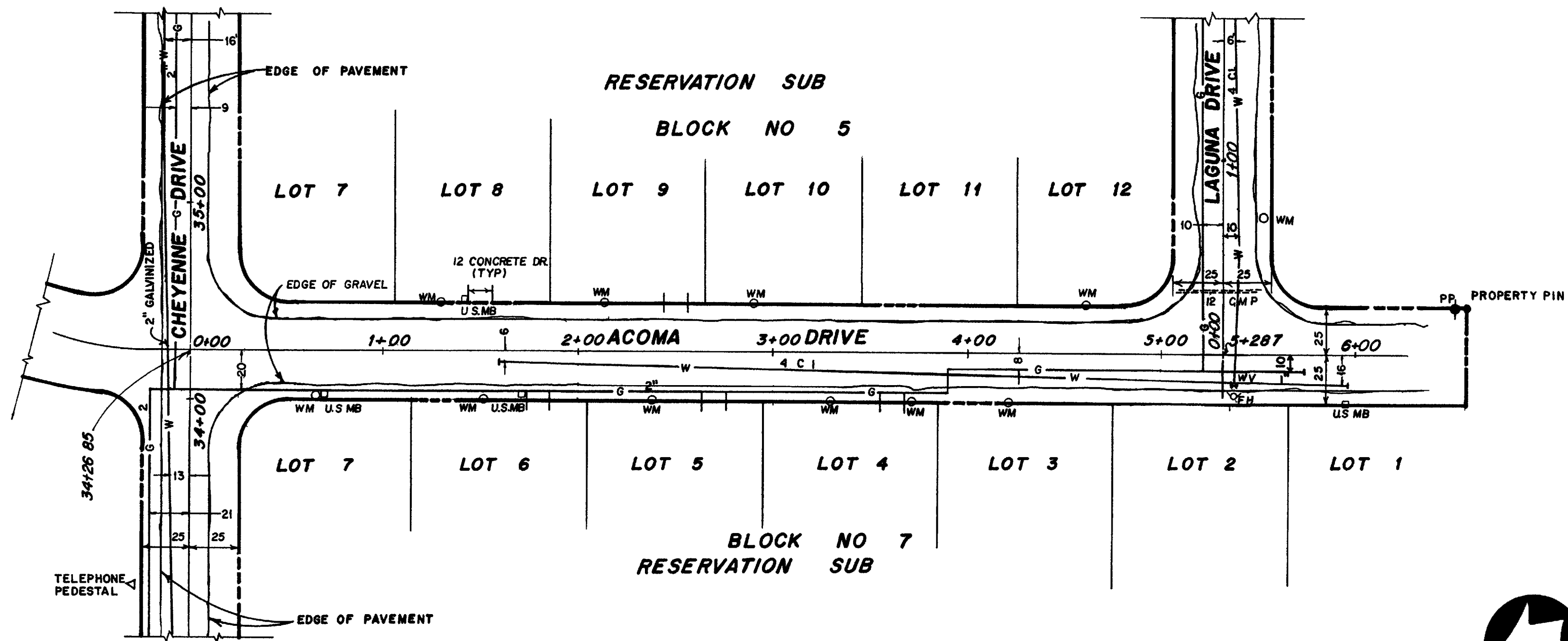



**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

**SSD 33-75 PHASE 3, ORCHARD MESA**  
**ROW & TOPO MAP, STA 0+00 TO 3+50**  
**LAGUNA, EAST OF MOUNTAIN VIEW ST**

DRAWN BY <i>Steve Anderson</i> DATE 3-17-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>E.A.A.</i> DATE 6-21-76	FIELD BOOK NO. 31	SHEET 20 of 64
APPROVED BY <i>D.R.J.</i> DATE 6-22-76	PAGE NO. 45	DWG NO. 45

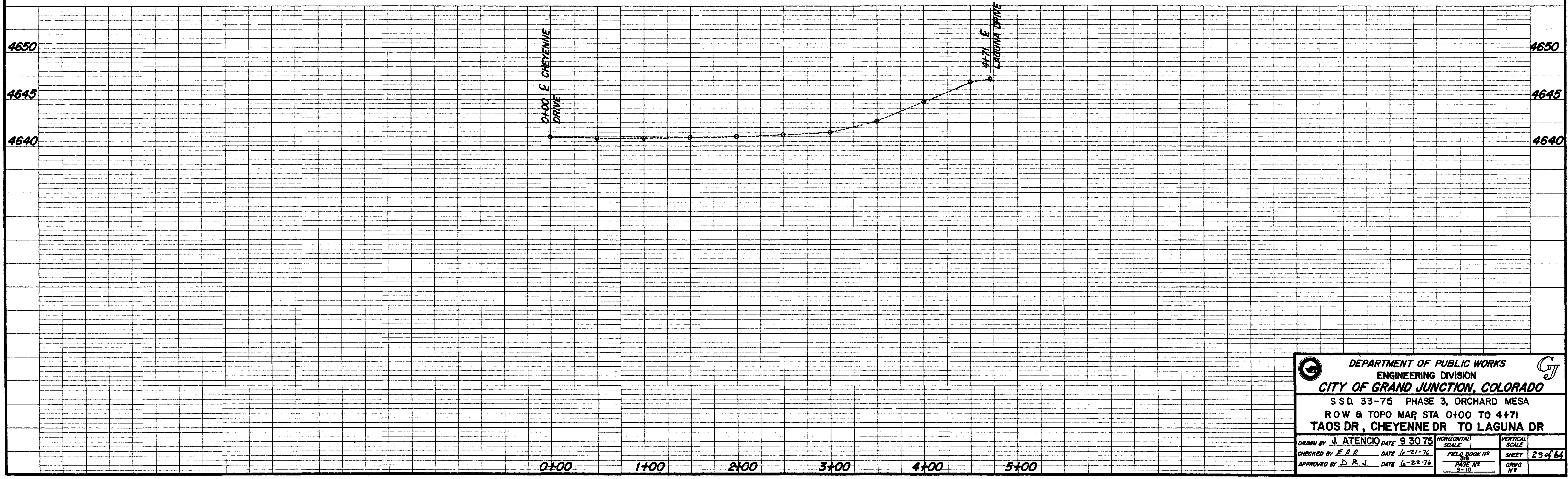
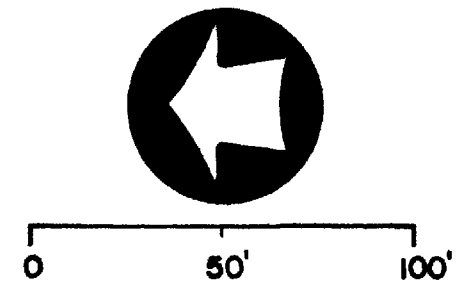
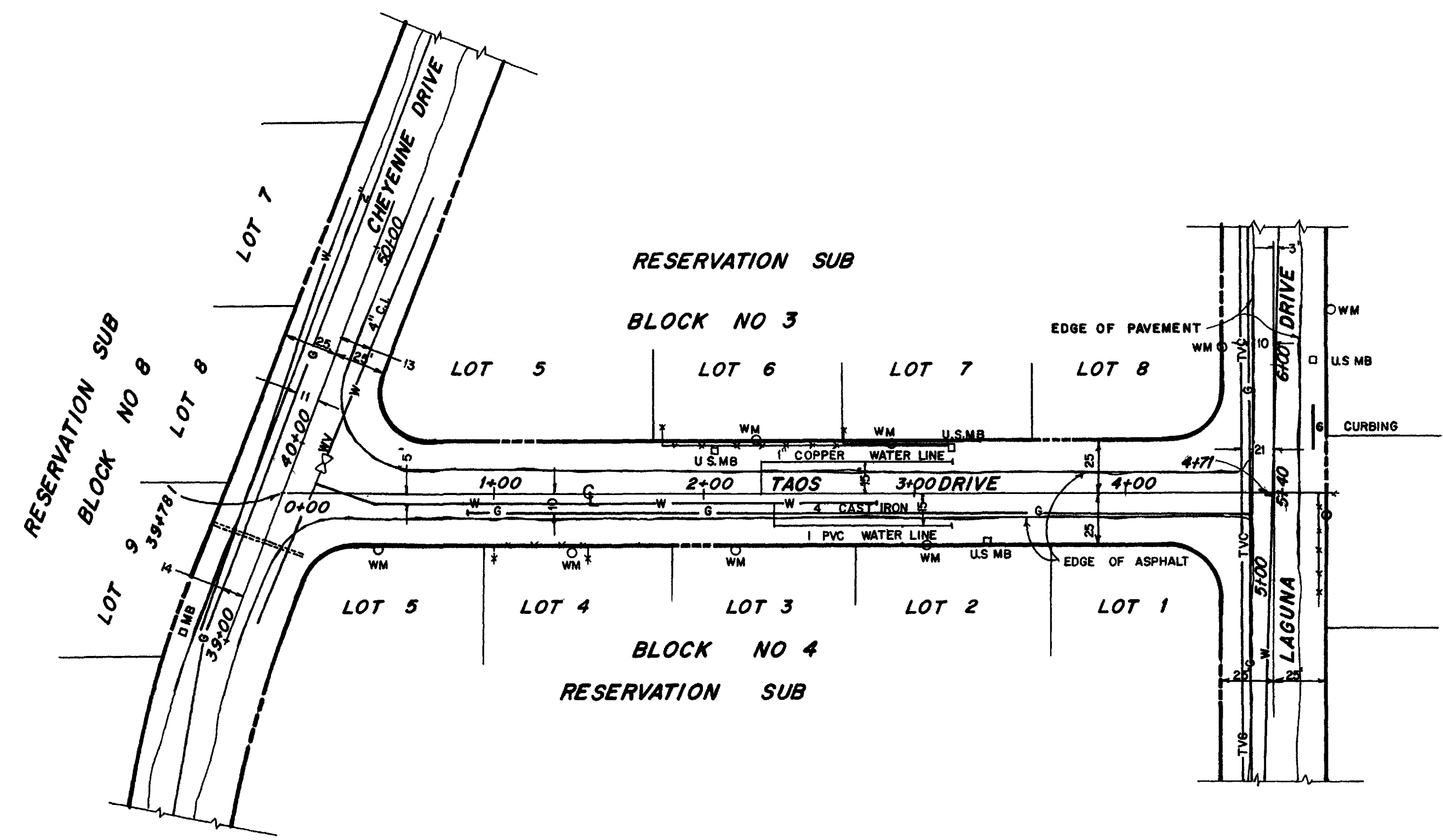




DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 CITY OF GRAND JUNCTION, COLORADO  
 S.S.D. 33-75 PHASE 3, ORCHARD MESA  
 ROW & TOPO MAP, STA 0+00 TO 5+287  
 ACOMA, CHEYENNE TO LAGUNA DR  
 APACHE, CHEYENNE TO LAGUNA DR

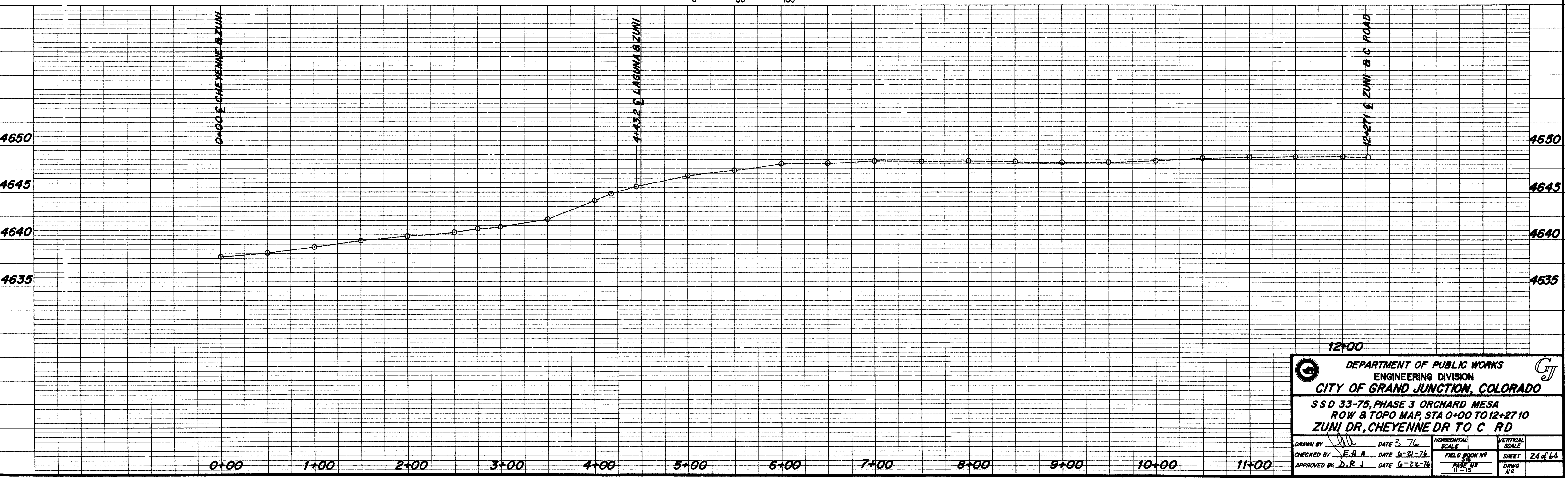
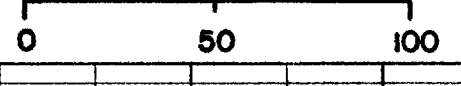
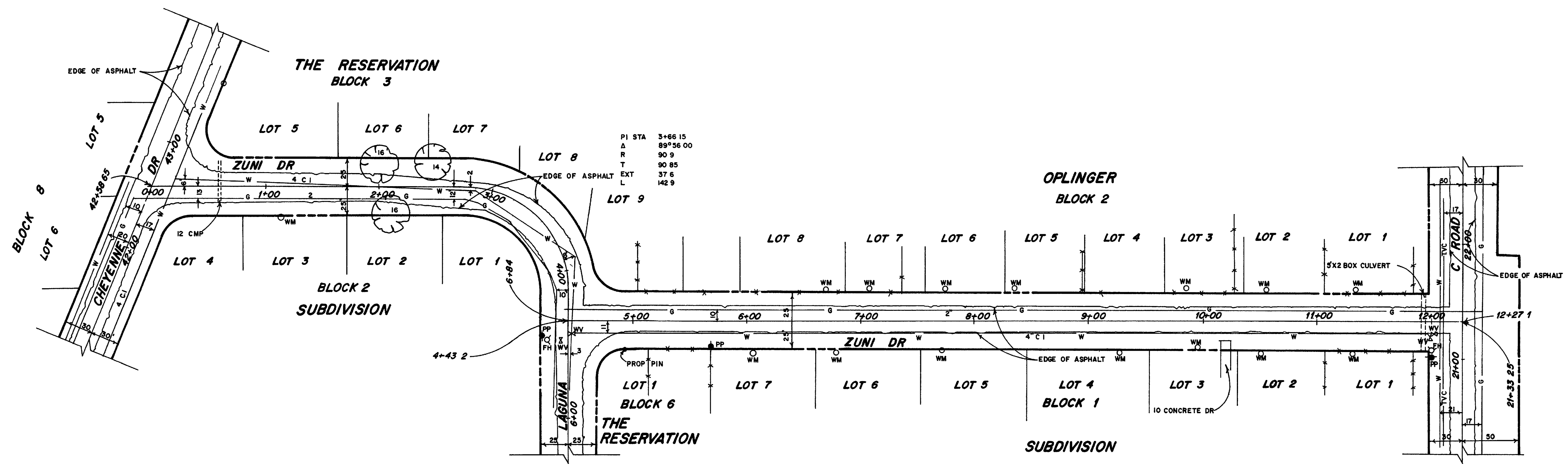
DRAWN BY: Julian A	DATE: 9-25-75	HORIZONTAL SCALE:	VERTICAL SCALE:
CHECKED BY: E.A.B.	DATE: 6-21-76	FIELD BOOK NO:	SHEET: 22 of 24
APPROVED BY: D.E.J.	DATE: 6-22-76	PAGE NO: 3-5	DRWG NO: 7-8



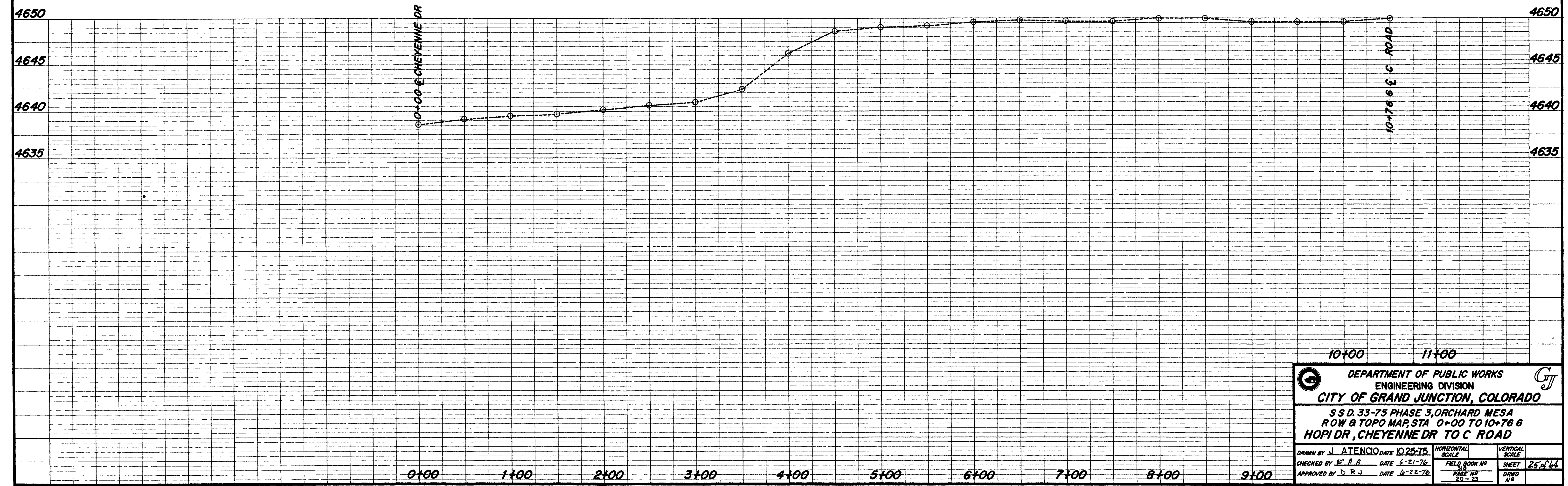
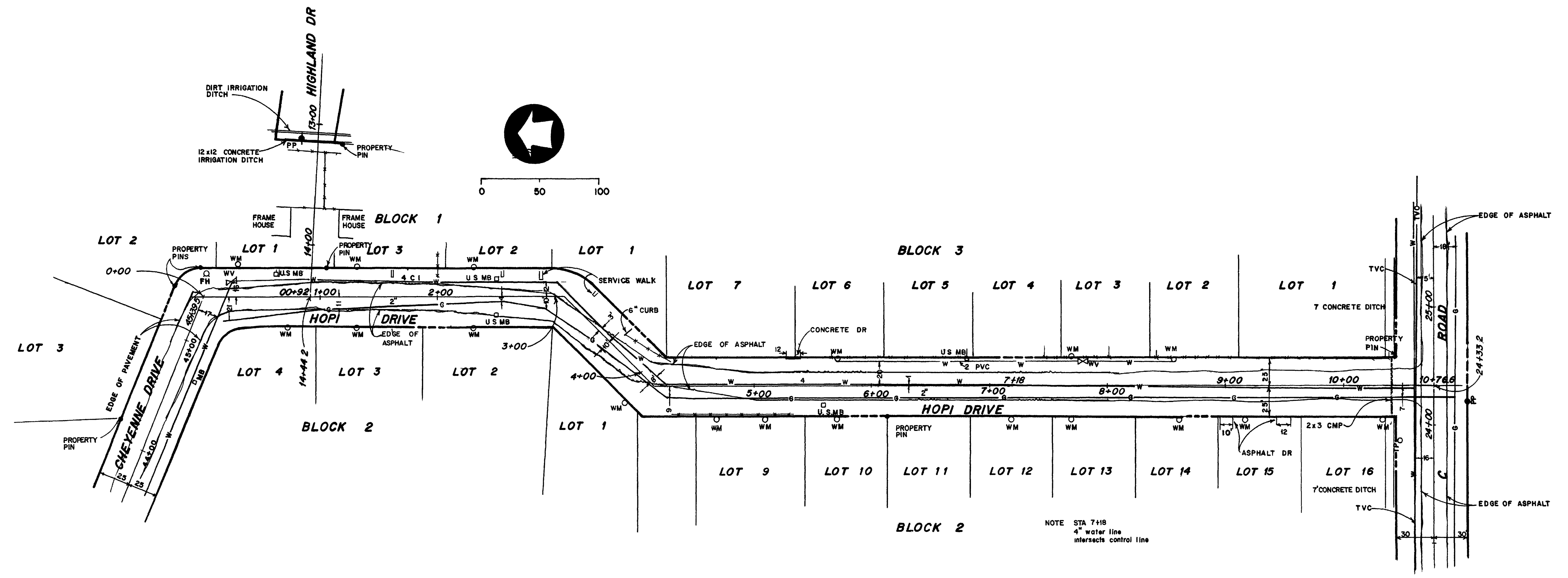


<b>DEPARTMENT OF PUBLIC WORKS</b> <b>ENGINEERING DIVISION</b> <b>CITY OF GRAND JUNCTION, COLORADO</b>			
SSD 33-75 PHASE 3, ORCHARD MESA ROW & TOPO MAP STA 0+00 TO 4+71 <b>TAOS DR, CHEYENNE DR TO LAGUNA DR</b>			
DRAWN BY <b>J. ATENCIO</b> DATE <b>9-30-75</b>	HORIZONTAL SCALE <small>1" = 40'</small>	VERTICAL SCALE <small>1" = 10'</small>	
CHECKED BY <b>E.R.P.</b> DATE <b>6-21-76</b>	FIELD BOOK # <small>31</small>	SHEET <b>23 of 64</b>	
APPROVED BY <b>D.R.J.</b> DATE <b>6-22-76</b>	PAGE # <small>8-10</small>	DRWG # <small>47</small>	









10+00 11+00

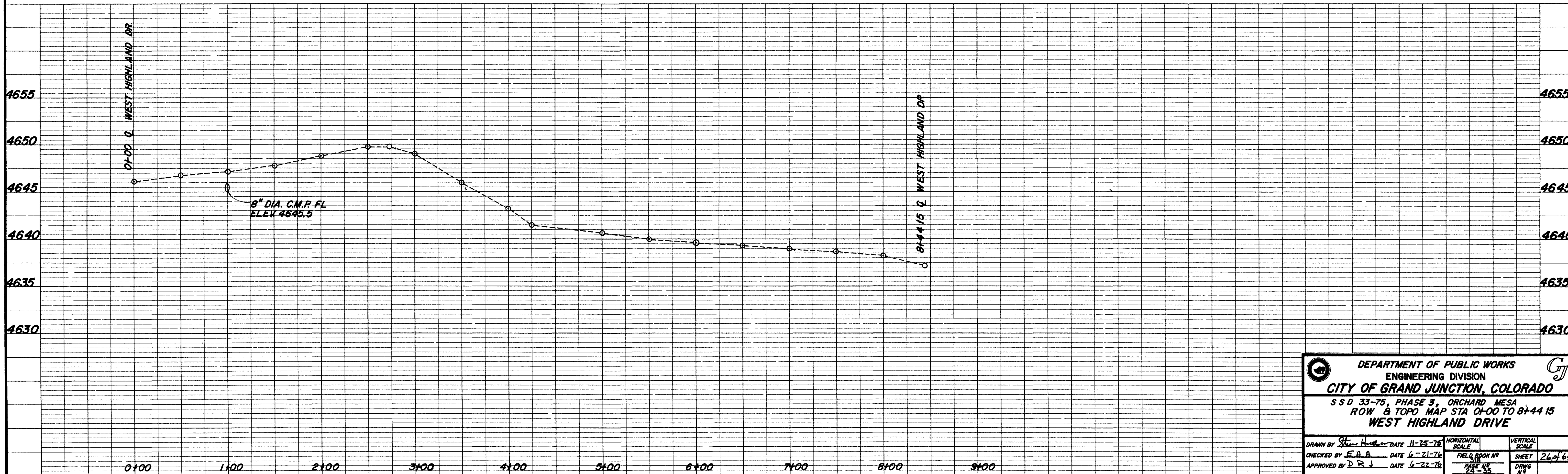
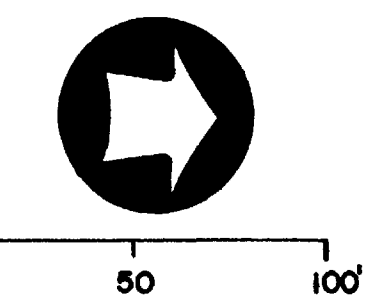
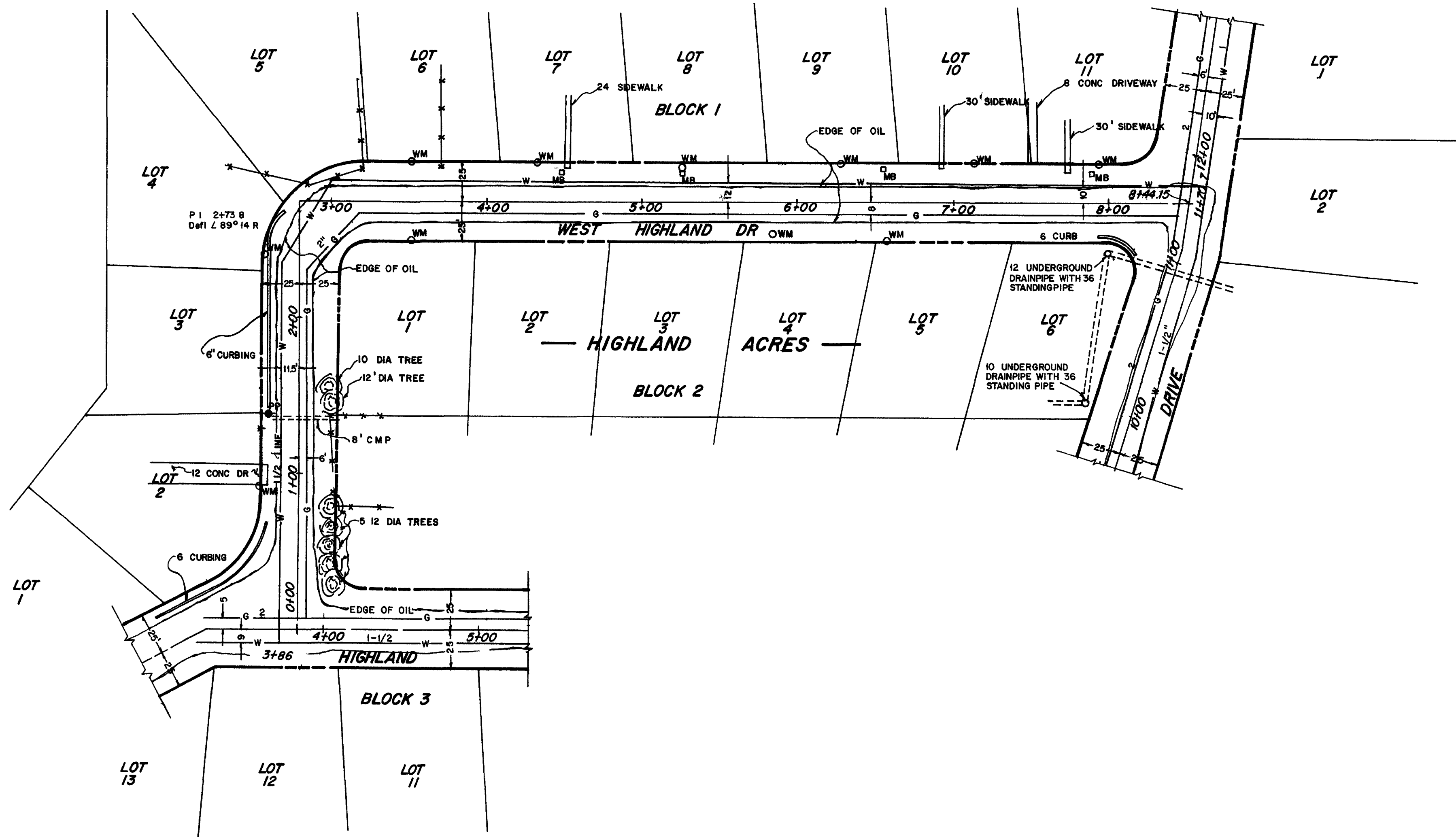
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO


SS D. 33-75 PHASE 3, ORCHARD MESA  
ROW & TOPO MAP STA 0+00 TO 10+76.6  
HOPI DR, CHEYENNE DR TO C ROAD

DRAWN BY J. ATENCIO	DATE 10-25-75	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY E. P. B.	DATE 6-21-76	FIELD BOOK NO.	SHEET 25 of 64
APPROVED BY D. R. J.	DATE 6-22-76	PAGE NO. 20-23	DRWG NO.

02011327.tif



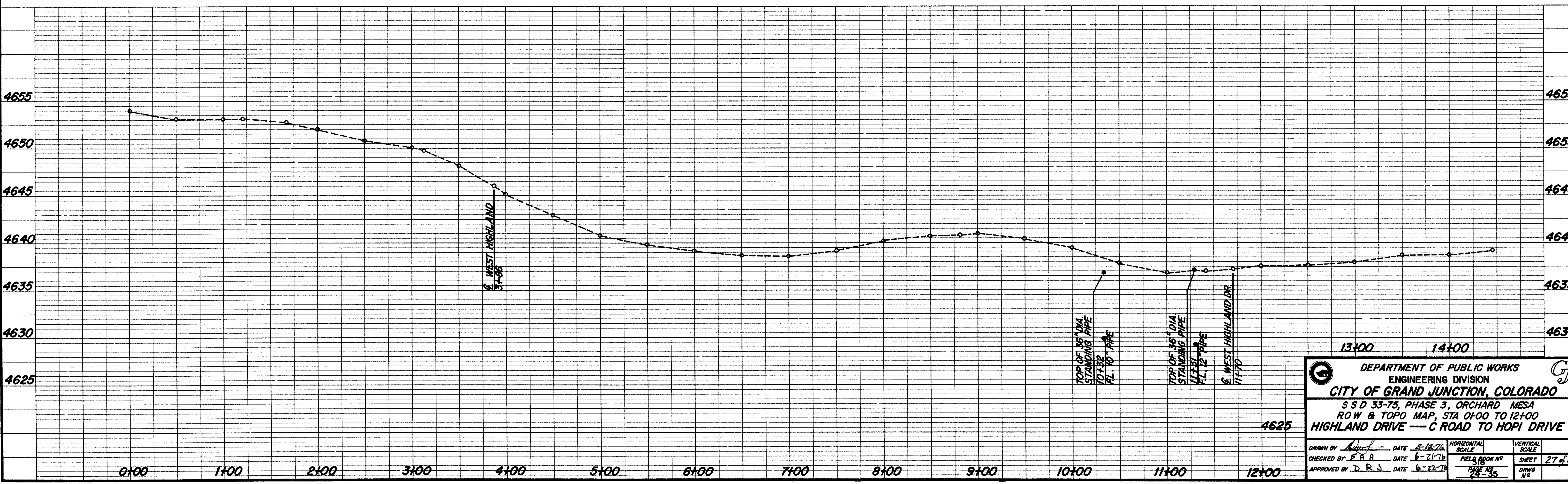
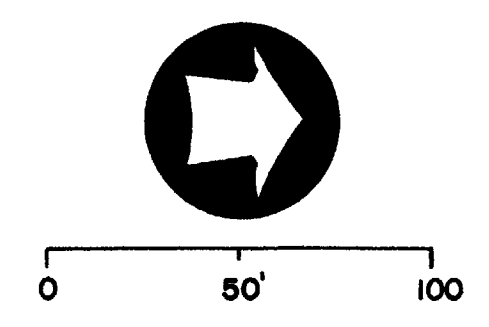
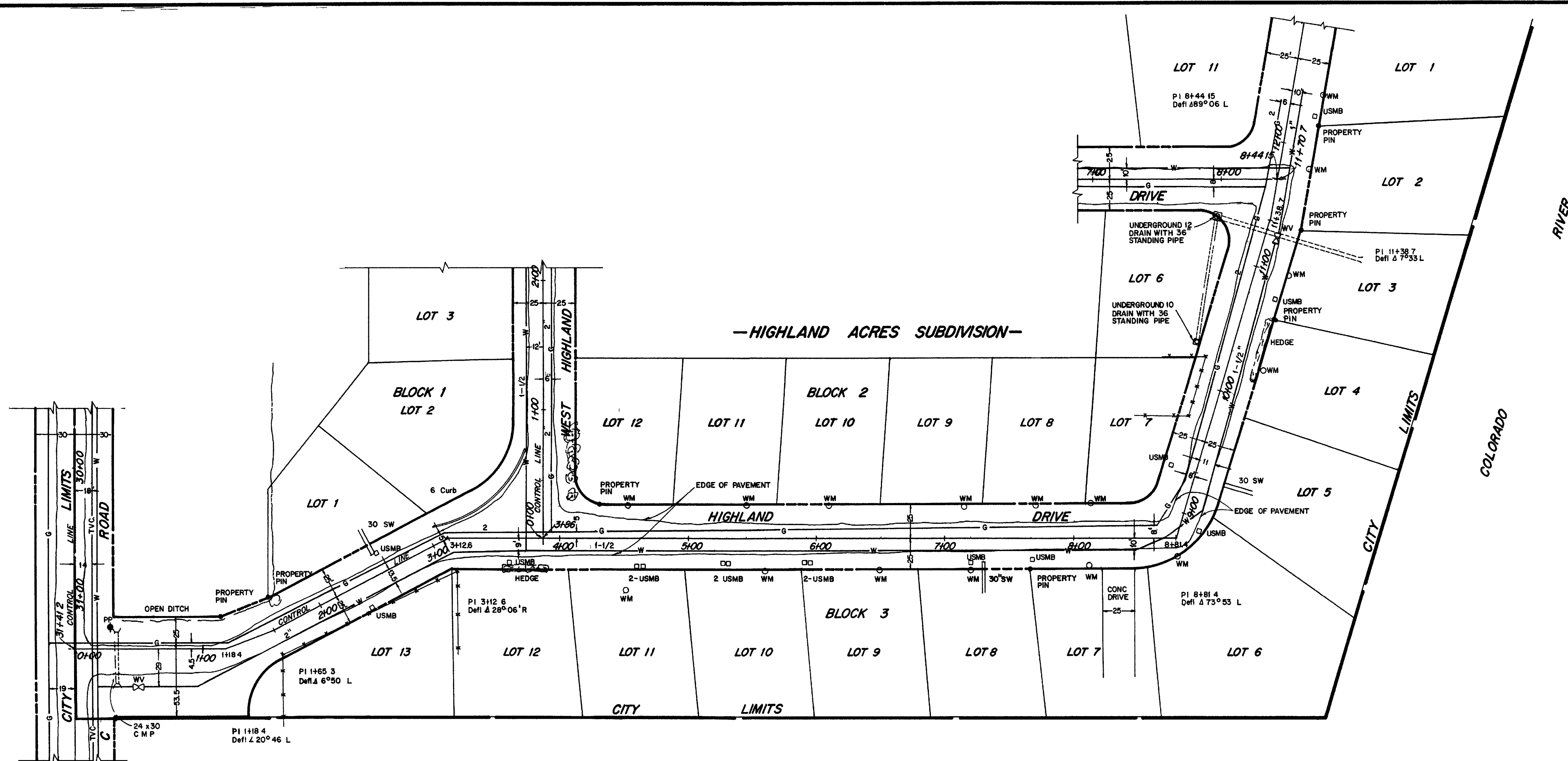



**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

S S D 33-75, PHASE 3, ORCHARD MESA  
 ROW & TOPO MAP STA 0+00 TO 8+44.15  
**WEST HIGHLAND DRIVE**

DRAWN BY <i>John H. ...</i> DATE 11-25-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>E.A.A.</i> DATE 6-21-76	FIELD BOOK #	SHEET 26 of 64
APPROVED BY <i>D.R.J.</i> DATE 6-22-76	PAGE # 23-35	DWG #



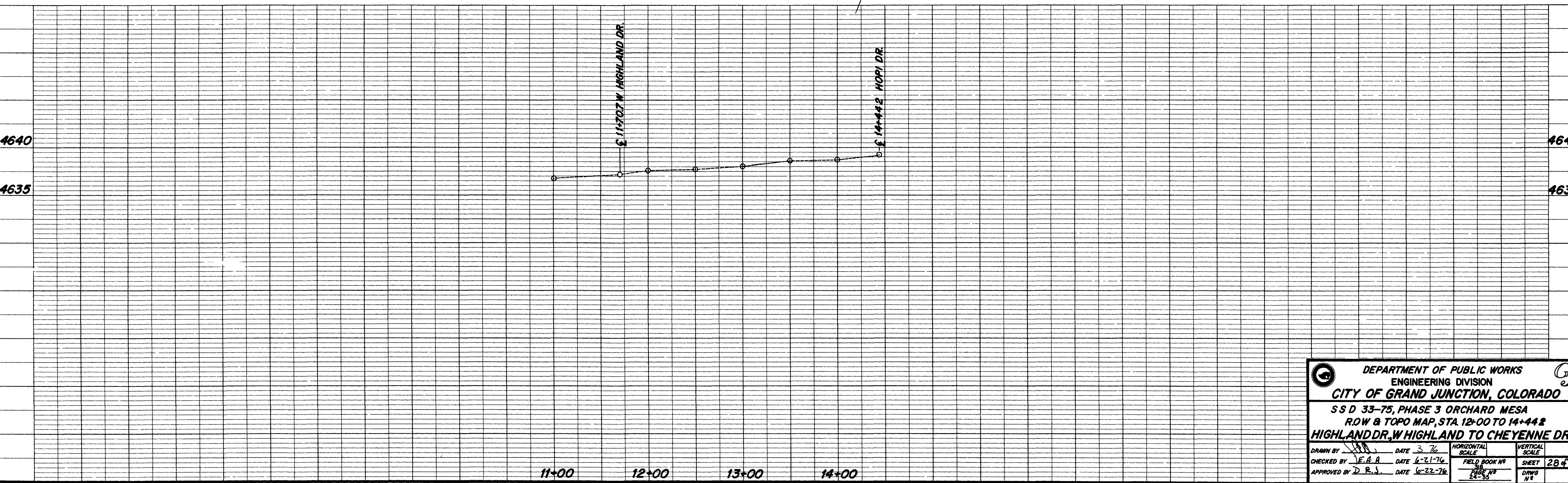
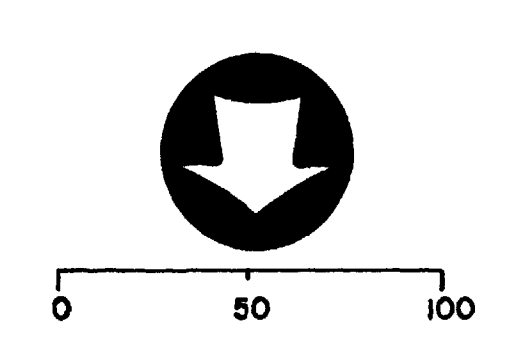
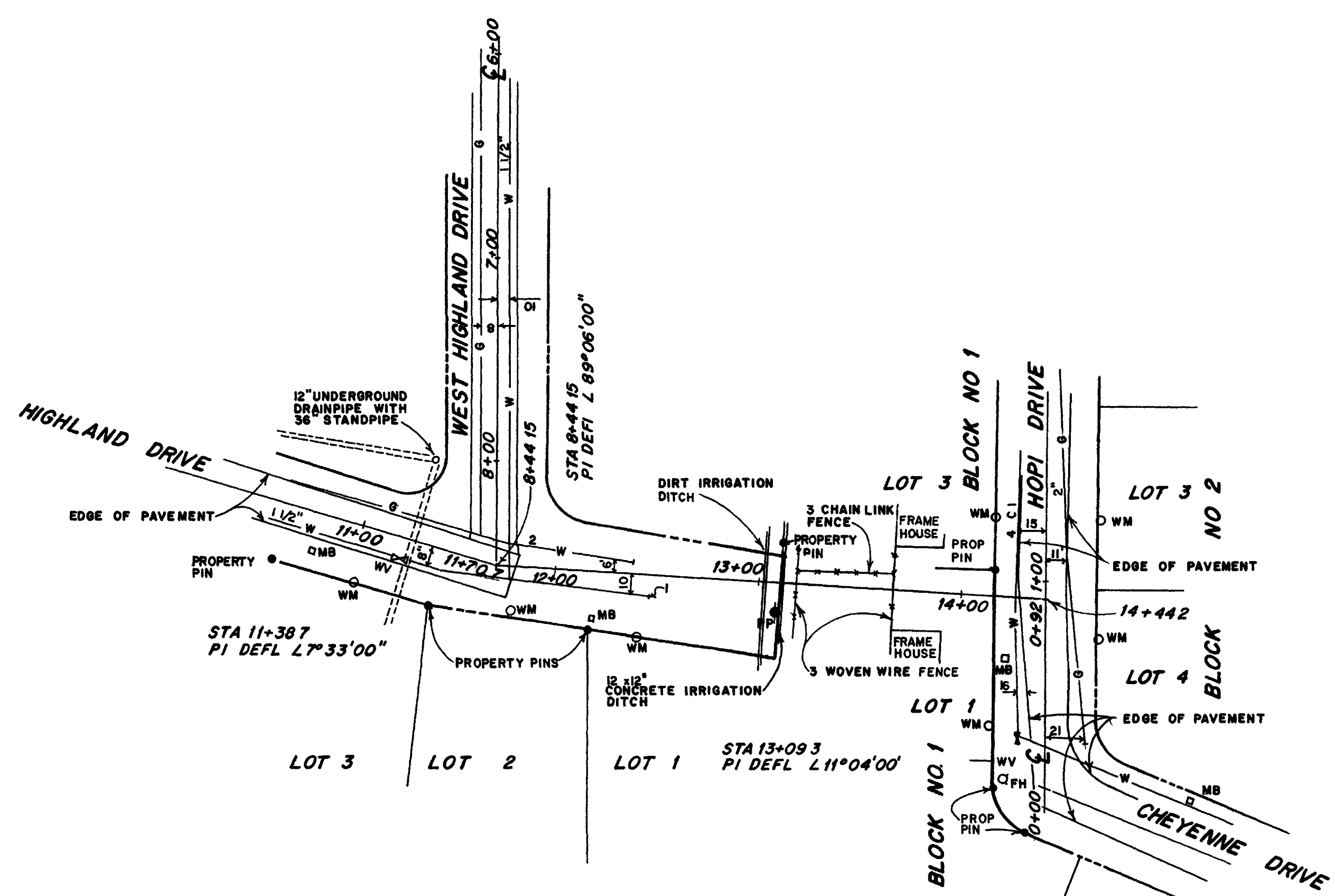



DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
**CITY OF GRAND JUNCTION, COLORADO**  
S S D 33-75, PHASE 3, ORCHARD MESA  
ROW & TOPO MAP, STA 0+00 TO 12+00  
**HIGHLAND DRIVE — C ROAD TO HOPI DRIVE**

DRAWN BY *[Signature]* DATE 2-12-76  
CHECKED BY E.A.A. DATE 6-21-76  
APPROVED BY D.R.S. DATE 6-22-76

HORIZONTAL SCALE: FIELD BOOK NO. 29-35, PAGE 15  
VERTICAL SCALE: SHEET 27 of 64, DRAWG NO.



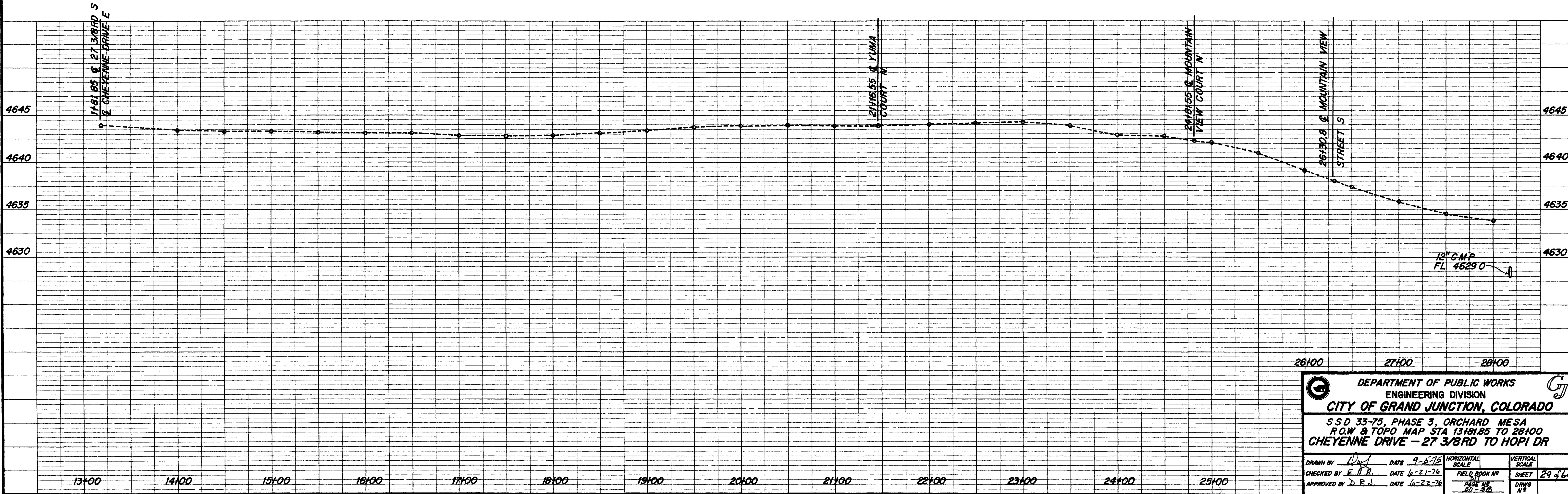
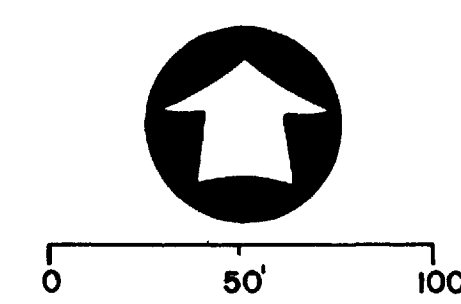
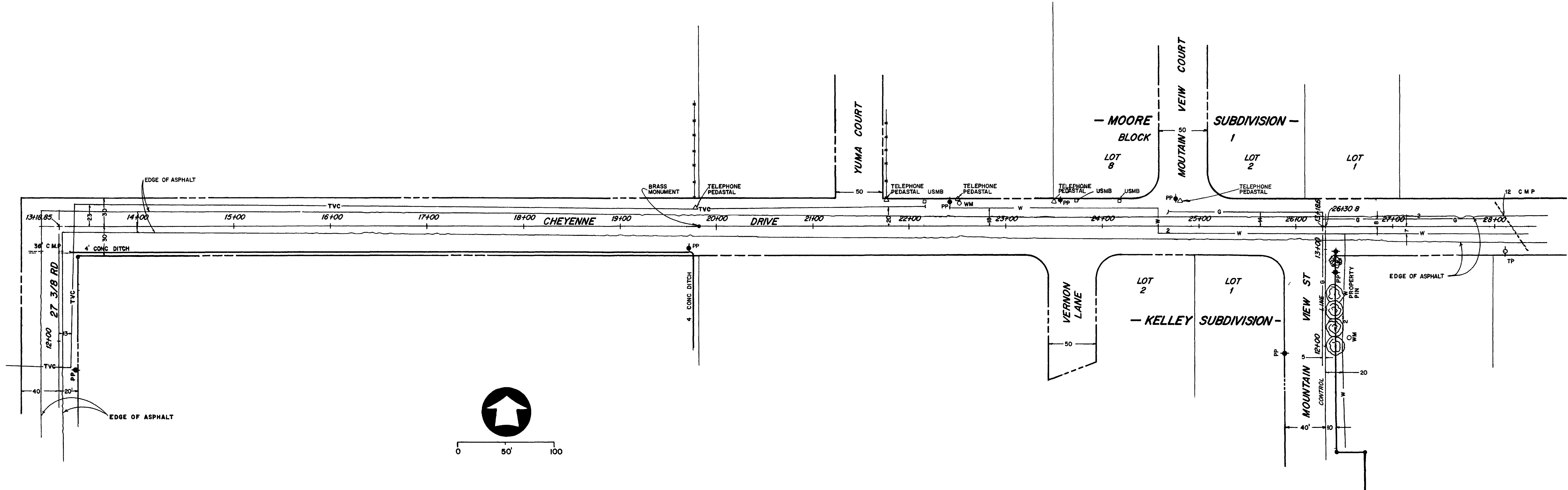



**DEPARTMENT OF PUBLIC WORKS**  
 ENGINEERING DIVISION  
**CITY OF GRAND JUNCTION, COLORADO**

SS D 33-75, PHASE 3 ORCHARD MESA  
 R.O.W & TOPO MAP, STA. 12+00 TO 14+44.2  
**HIGHLAND DR. W HIGHLAND TO CHEYENNE DR**

DRAWN BY: <i>[Signature]</i>	DATE: 3-76	HORIZONTAL SCALE:	VERTICAL SCALE:
CHECKED BY: E.A.A.	DATE: 6-21-76	FIELD BOOK NO:	SHEET: 28 of 64
APPROVED BY: D.R.S.	DATE: 6-22-76	DATE: 6-22-76	DRAWN BY: [Signature]





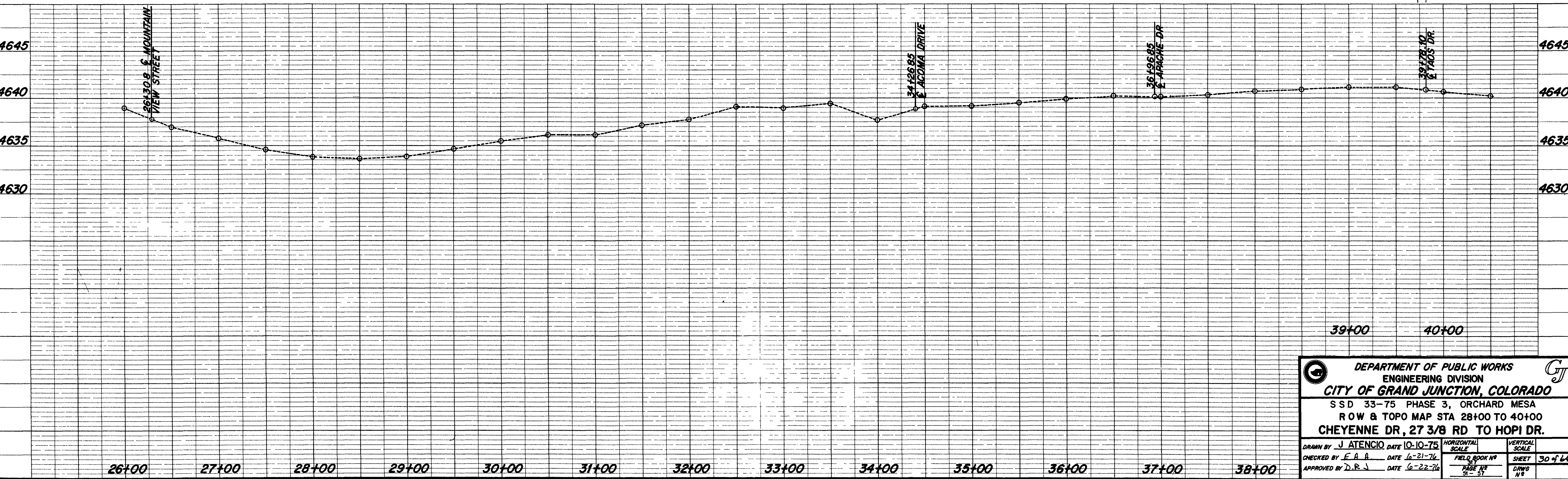
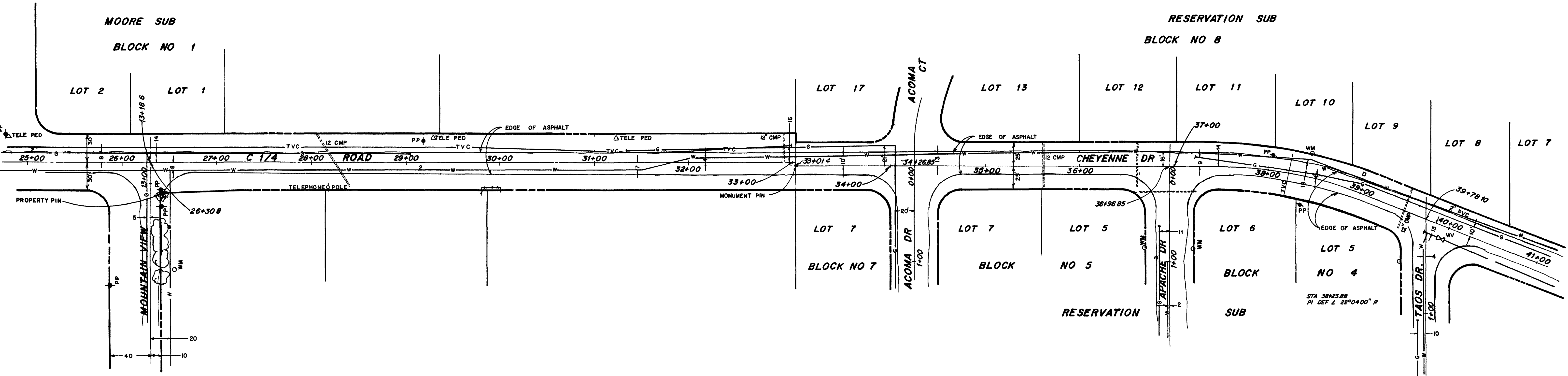
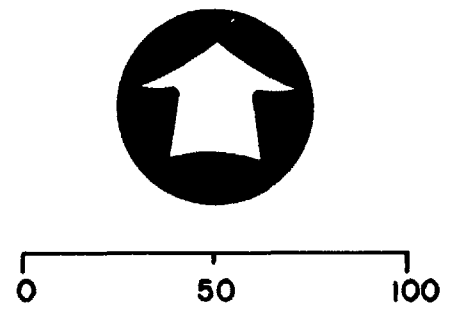
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**


SSD 33-75, PHASE 3, ORCHARD MESA  
 R.O.W & TOPO MAP STA 13+18.85 TO 28+00  
 CHEYENNE DRIVE - 27 3/8 RD TO HOP I DR

DRAWN BY <i>[Signature]</i>	DATE 9-5-75	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>[Signature]</i>	DATE 6-21-76	FIELD BOOK NO	SHEET 29 of 64
APPROVED BY <i>[Signature]</i>	DATE 6-22-76	PAGE NO 30-32	DRWG NO



02-113-30

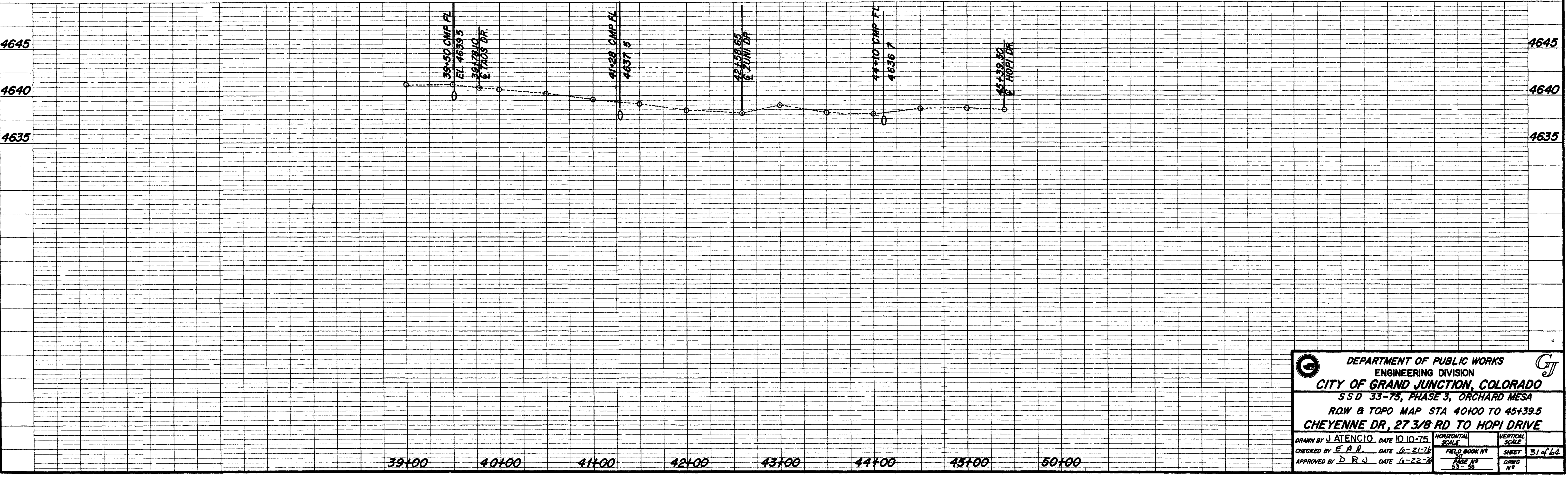
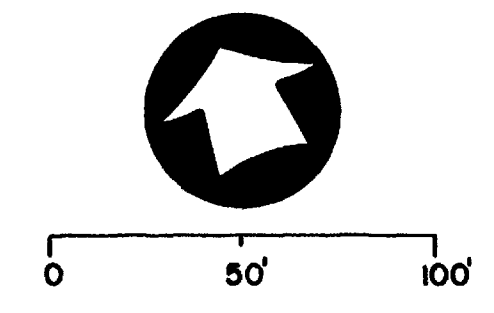
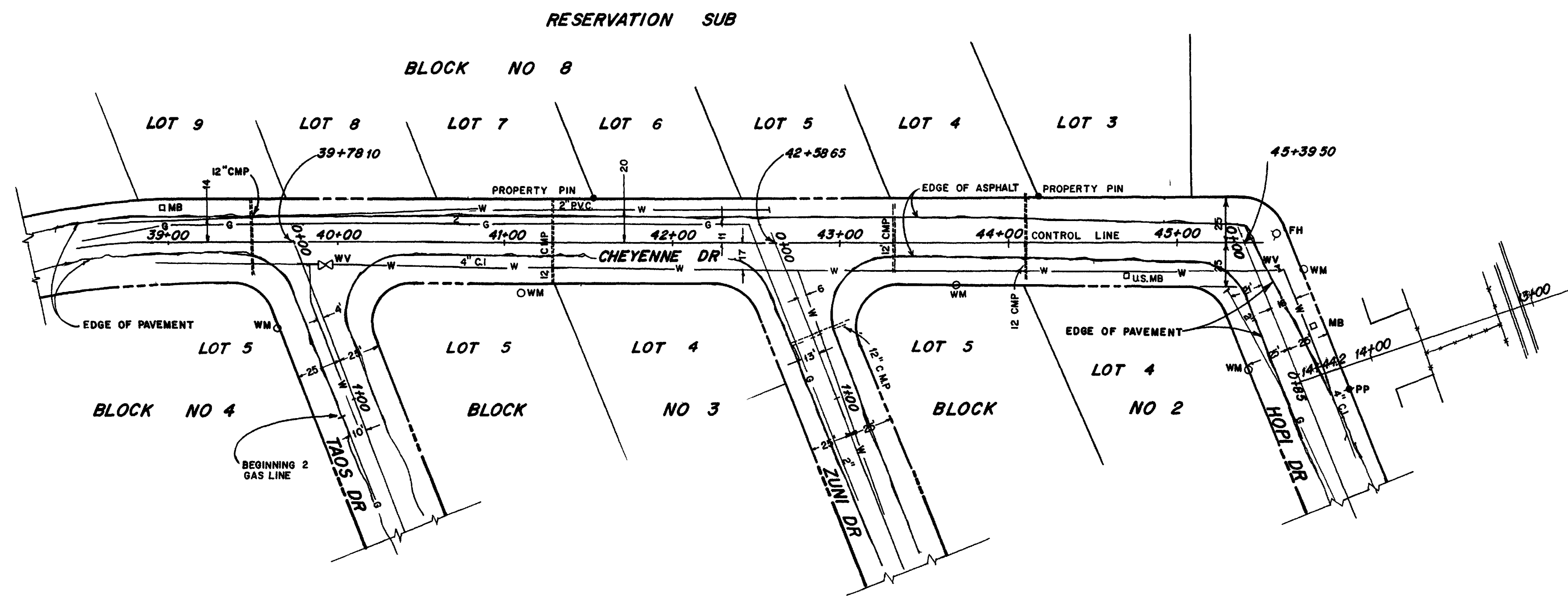



**DEPARTMENT OF PUBLIC WORKS**  
 ENGINEERING DIVISION  
**CITY OF GRAND JUNCTION, COLORADO**

SSD 33-75 PHASE 3, ORCHARD MESA  
 ROW & TOPO MAP STA 28+00 TO 40+00  
**CHEYENNE DR, 27 3/8 RD TO HOPI DR.**

DRAWN BY J. ATENCIO	DATE 10-10-75	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY E. B. A.	DATE 10-21-76	FIELD BOOK NO.	SHEET 30 of 64
APPROVED BY D. R. J.	DATE 6-22-76	PAGE NO. 31-57	DWG. NO.



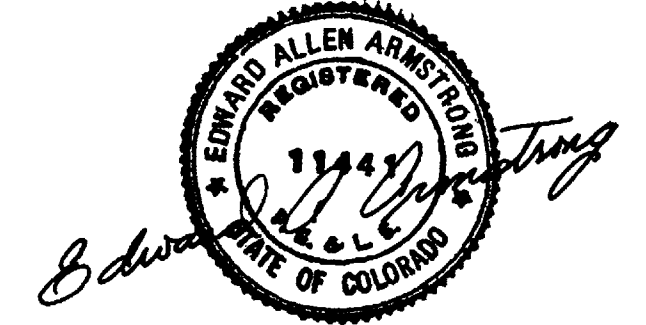
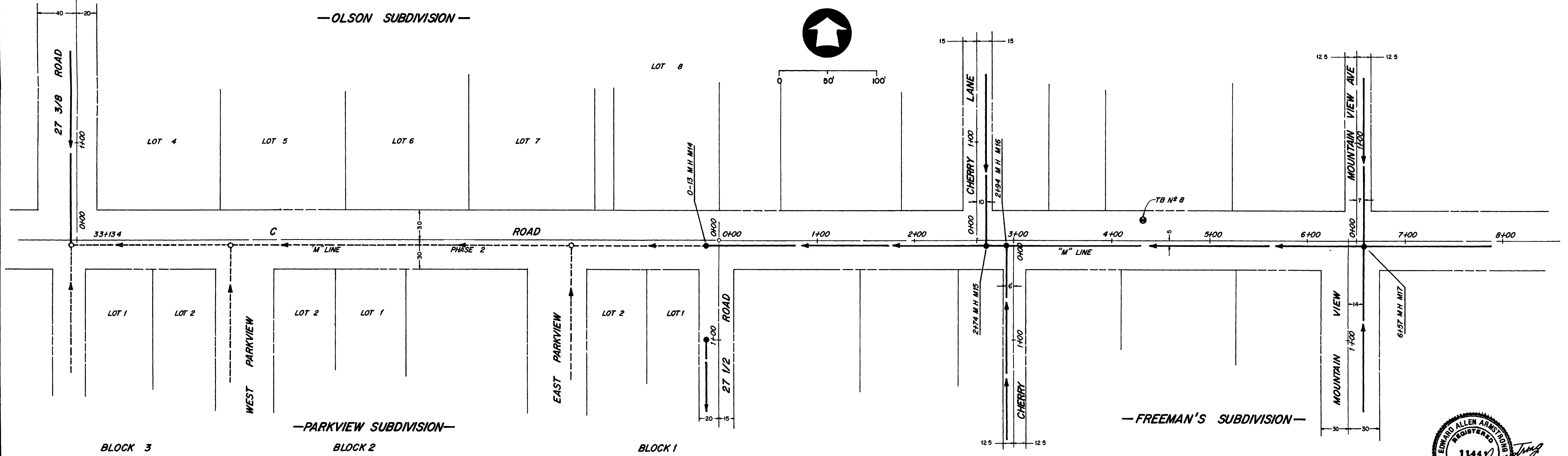


**DEPARTMENT OF PUBLIC WORKS**  
ENGINEERING DIVISION  
**CITY OF GRAND JUNCTION, COLORADO**  
S.S.D. 33-75, PHASE 3, ORCHARD MESA  
R.O.W. & TOPO MAP STA 40+00 TO 45+39.5  
**CHEYENNE DR, 27 3/8 RD TO HOPI DRIVE**

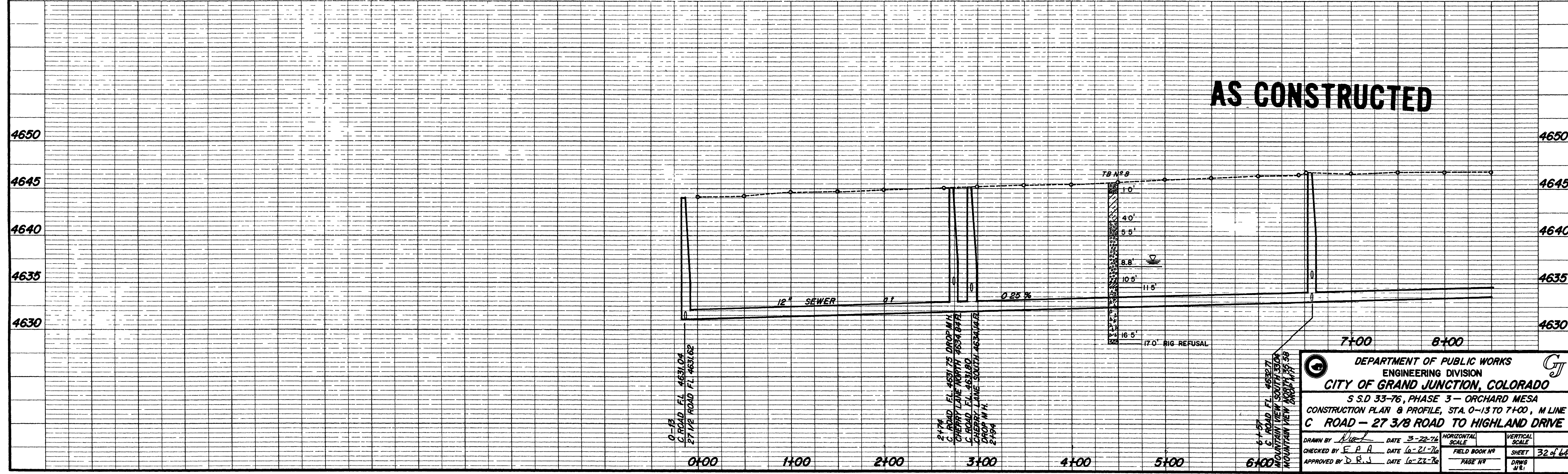
DRAWN BY J. ATENCIO DATE 10-10-75  
CHECKED BY E.A.H. DATE 6-21-76  
APPROVED BY D.R.J. DATE 6-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO. 37	SHEET 31 of 64
PAGE NO. 53-58	DRWG. NO.





**AS CONSTRUCTED**



**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

S.S.D. 33-76, PHASE 3 - ORCHARD MESA  
 CONSTRUCTION PLAN & PROFILE, STA. 0-13 TO 7+00, M LINE  
**C ROAD - 27 3/8 ROAD TO HIGHLAND DRIVE**

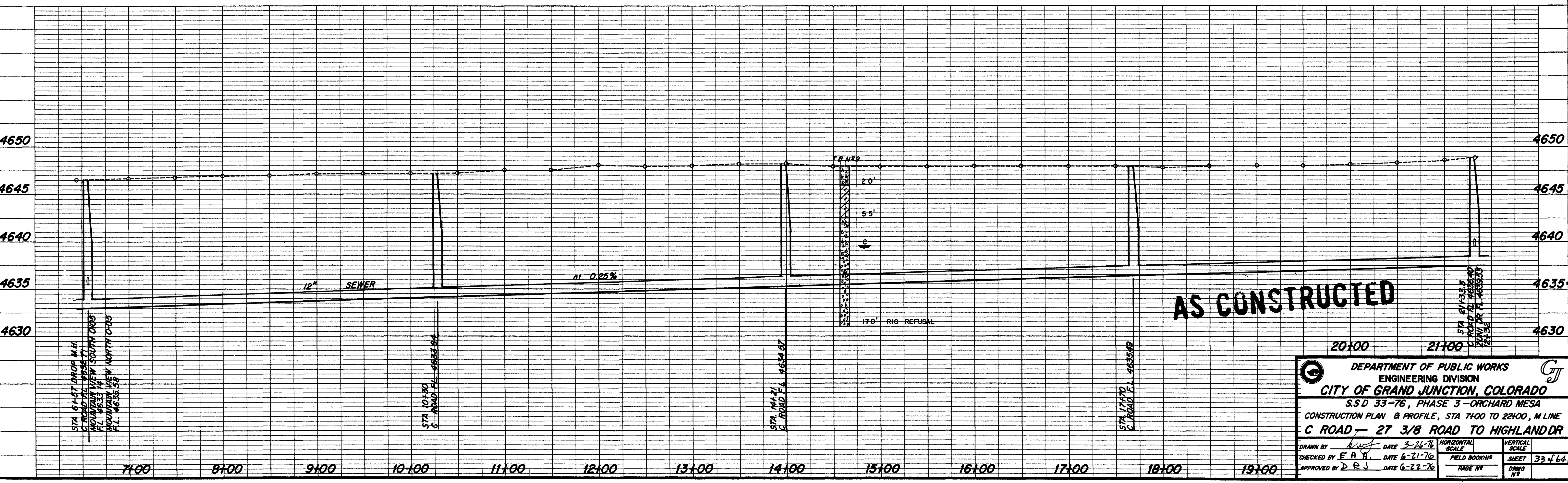
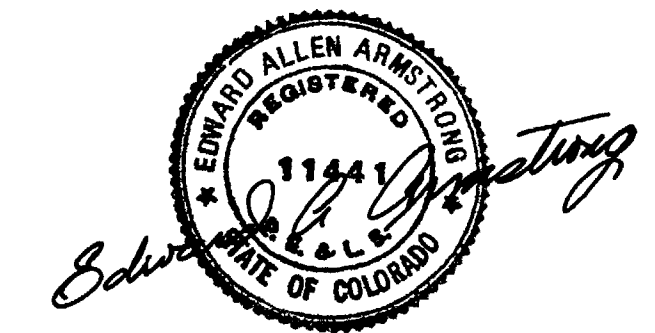
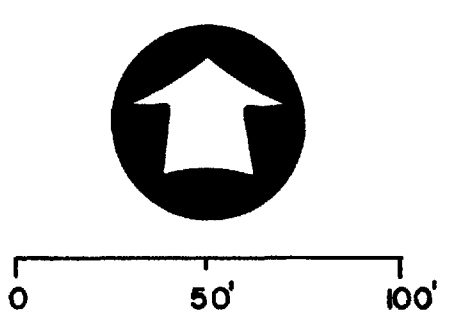
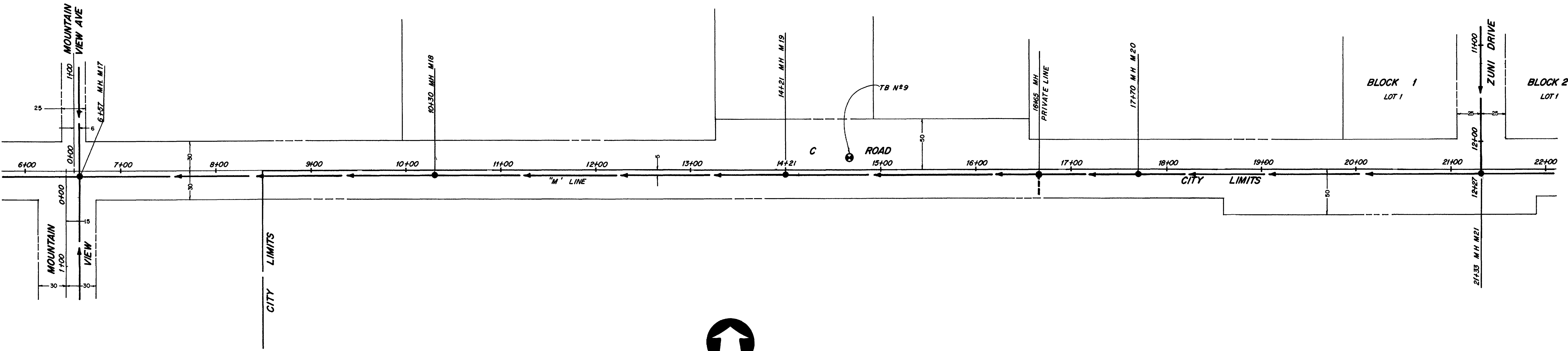
DRAWN BY *[Signature]* DATE 3-22-76  
 CHECKED BY E.P.A. DATE 10-21-76  
 APPROVED BY D.R.W. DATE 10-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO.	SHEET 32 of 44
PAGE NO.	DWG NO. 471



02-113-33AB

OPLINGER SUBDIVISION



AS CONSTRUCTED

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO  
S.S.D 33-76, PHASE 3-ORCHARD MESA  
CONSTRUCTION PLAN & PROFILE, STA 7+00 TO 22+00, M LINE  
C ROAD - 27 3/8 ROAD TO HIGHLAND DR

DRAWN BY *[Signature]* DATE 3-26-76  
CHECKED BY E.A.B. DATE 6-21-76  
APPROVED BY D.R.J. DATE 6-22-76

HORIZONTAL SCALE: 1" = 40'  
VERTICAL SCALE: 1" = 5'  
FIELD BOOK #  
PAGE #  
SHEET 33 of 64  
DRAW #

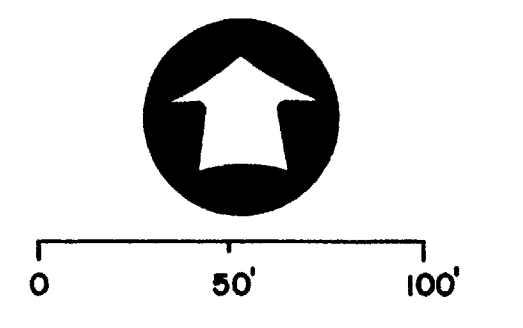
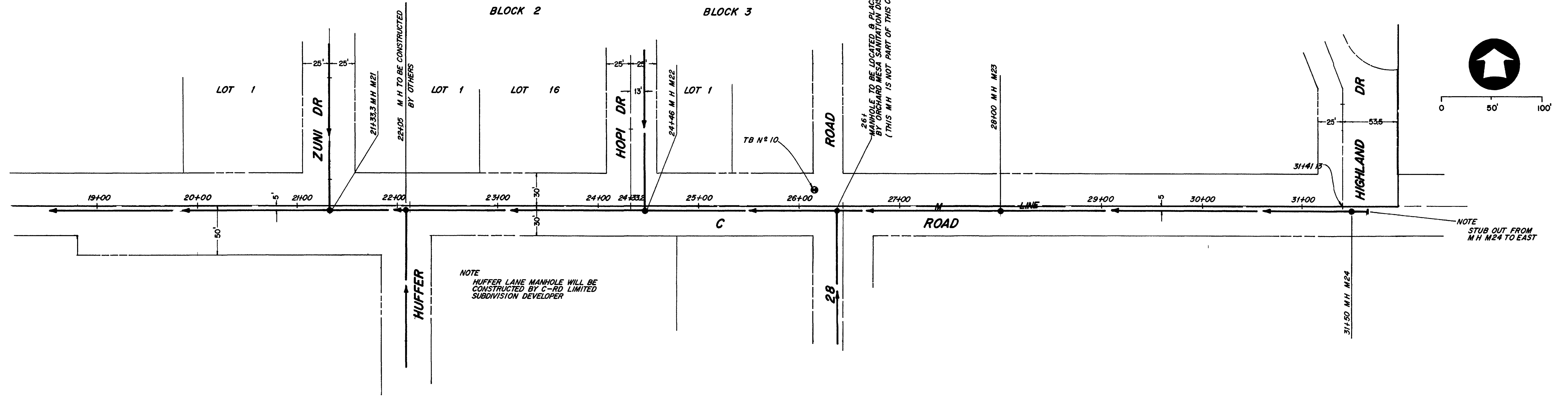


OPLINGER SUBDIVISION

BLOCK 2

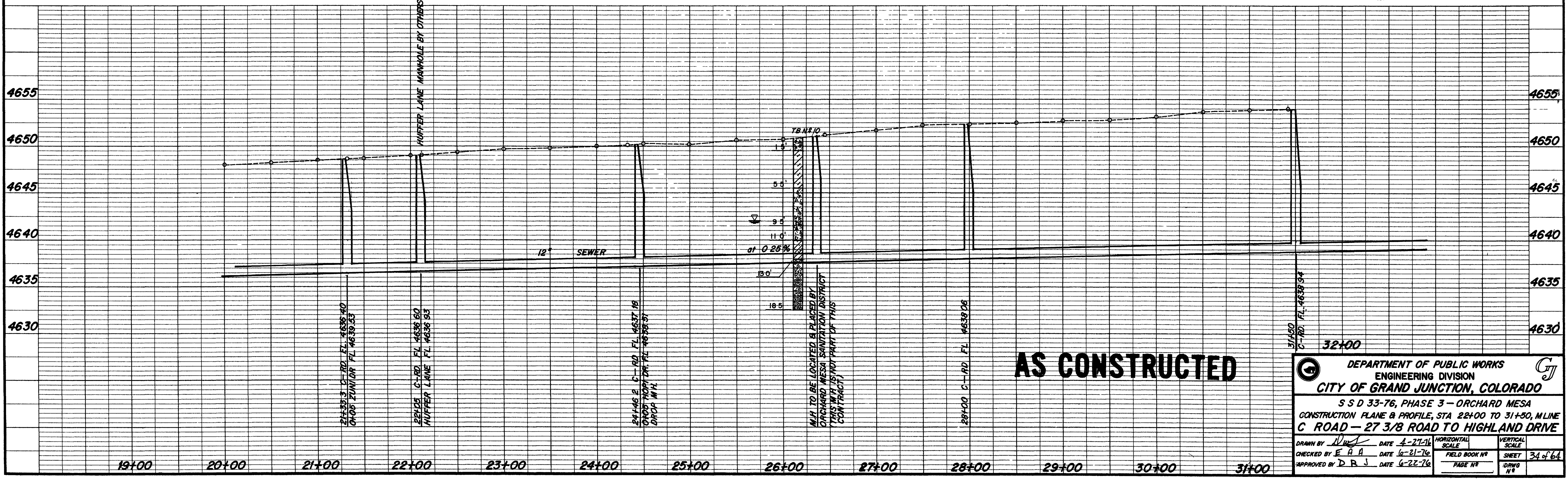
BLOCK 3

HIGHLAND ACRES



NOTE  
HUFFER LANE MANHOLE WILL BE  
CONSTRUCTED BY C-RD LIMITED  
SUBDIVISION DEVELOPER

NOTE  
STUB OUT FROM  
M.H. M24 TO EAST



AS CONSTRUCTED

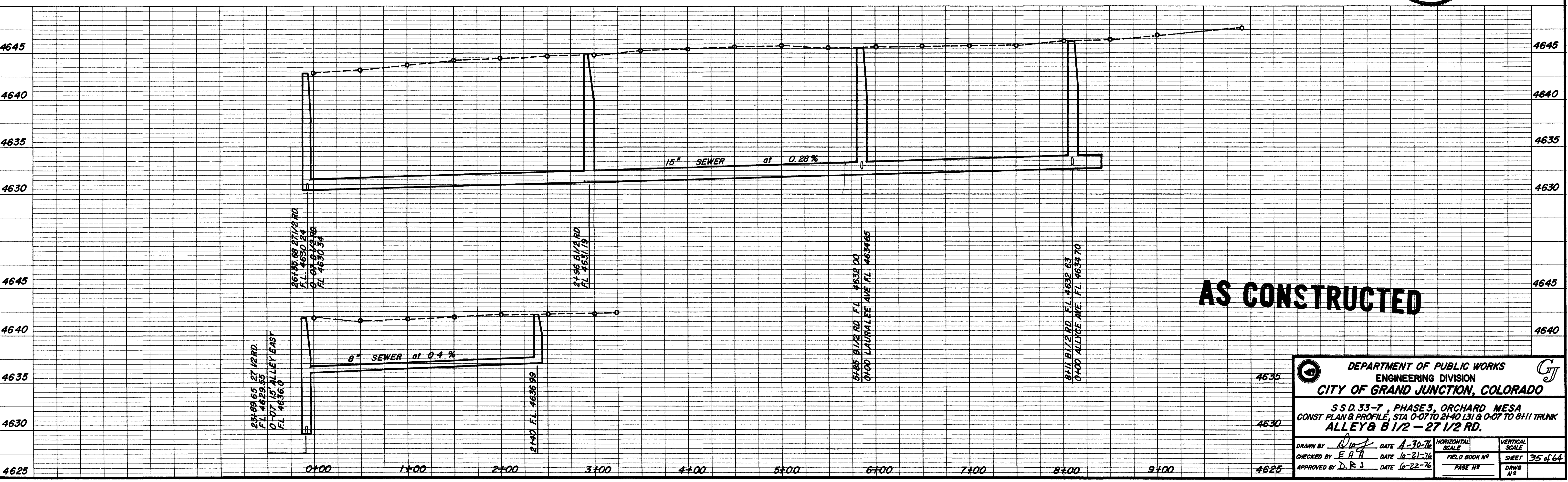
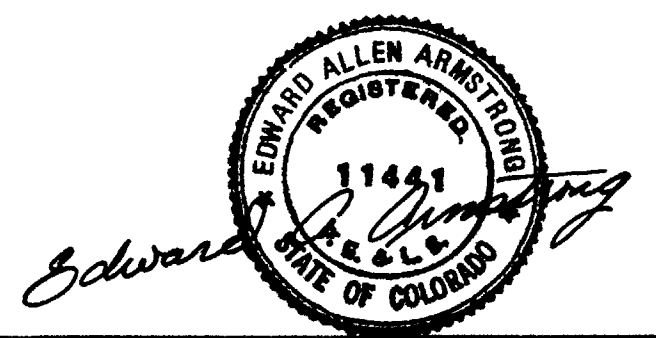
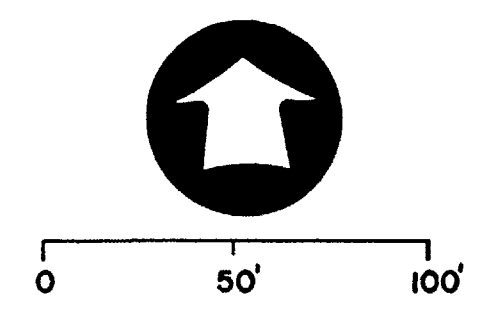
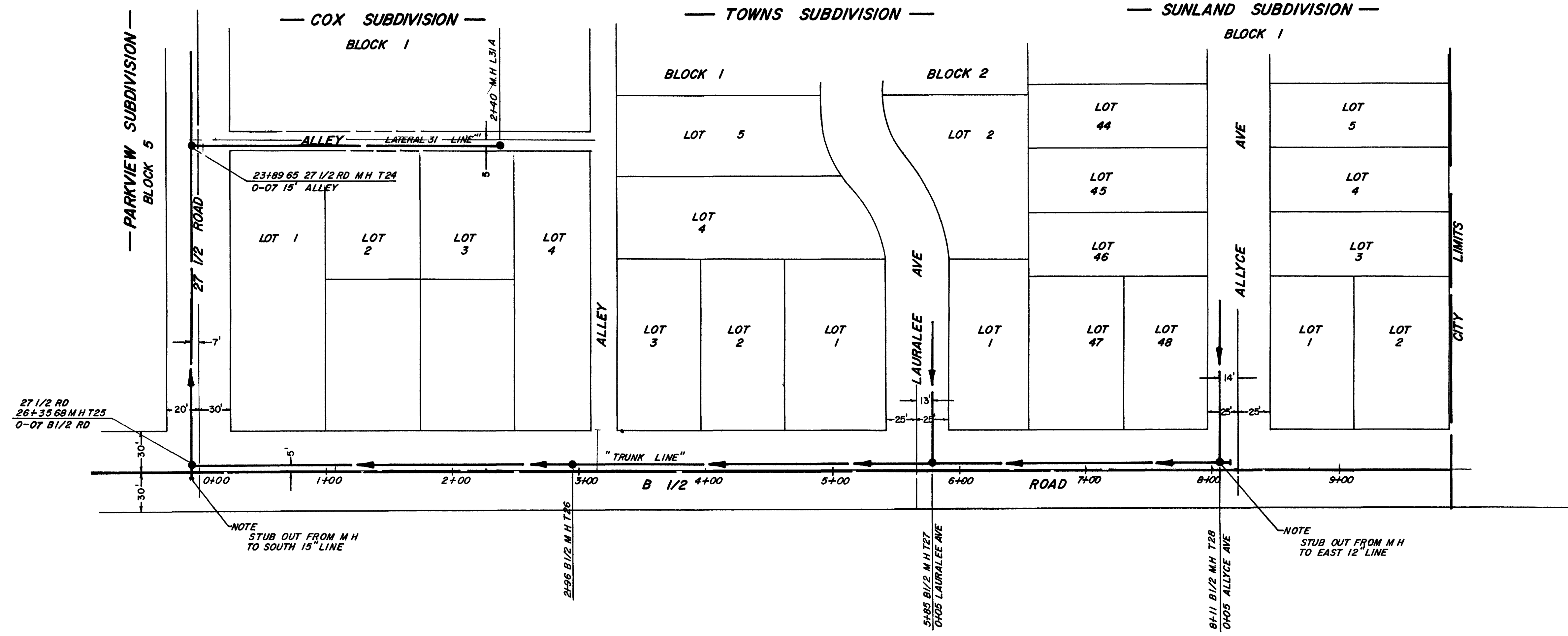
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

S S D 33-76, PHASE 3 - ORCHARD MESA  
CONSTRUCTION PLANE & PROFILE, STA 22+00 TO 31+50, M-LINE  
C ROAD - 27 3/8 ROAD TO HIGHLAND DRIVE

DRAWN BY *[Signature]* DATE 4-27-76  
CHECKED BY E. R. A. DATE 6-21-76  
APPROVED BY D. R. J. DATE 6-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO.	SHEET 34 of 64
PAGE NO.	DRAWG NO.



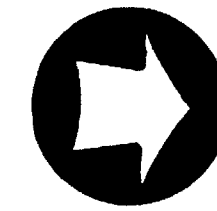


**AS CONSTRUCTED**

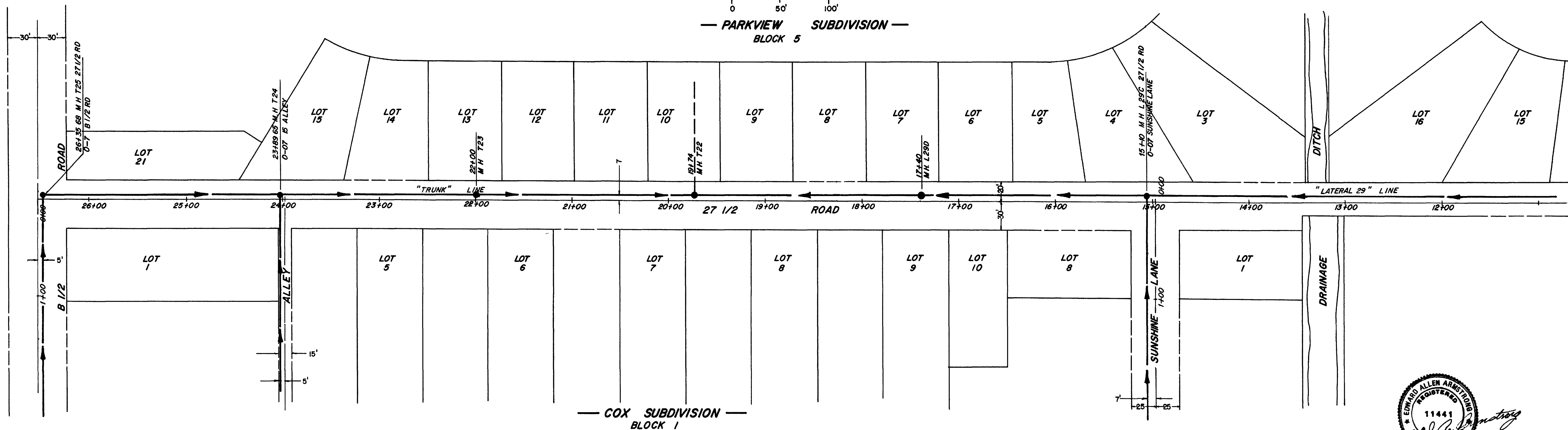
		DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO	
S.S.D. 33-7, PHASE 3, ORCHARD MESA CONST. PLAN & PROFILE, STA 0-07 TO 2+40 L31 & 0-07 TO 8+11 TRUNK ALLEY & B 1/2 - 27 1/2 RD.			
DRAWN BY: <i>[Signature]</i> CHECKED BY: E.A.H. APPROVED BY: D.R.J.	DATE: 4-30-76 DATE: 6-21-76 DATE: 6-22-76	HORIZONTAL SCALE: VERTICAL SCALE: FIELD BOOK NO. PAGE NO.	SHEET: 35 of 64 DWG NO.



02-113-36 AB



PARKVIEW SUBDIVISION  
BLOCK 5



COX SUBDIVISION  
BLOCK 1



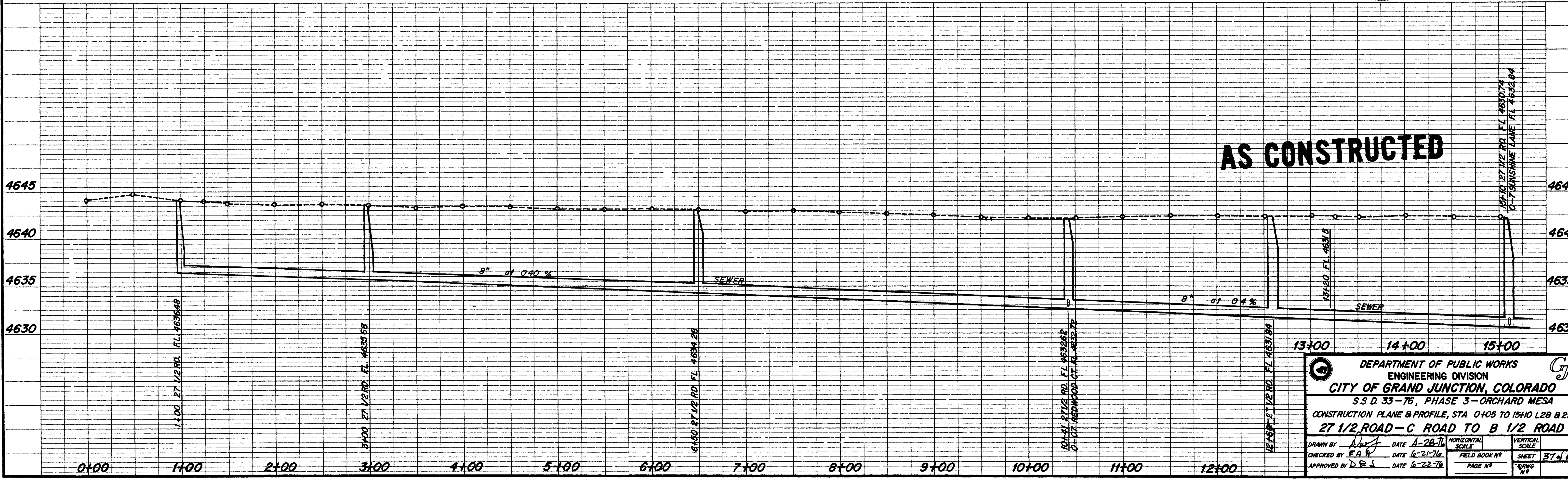
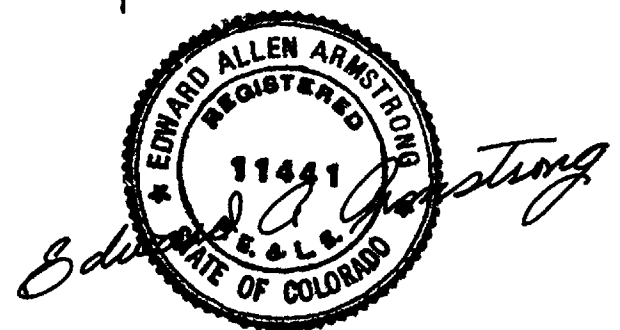
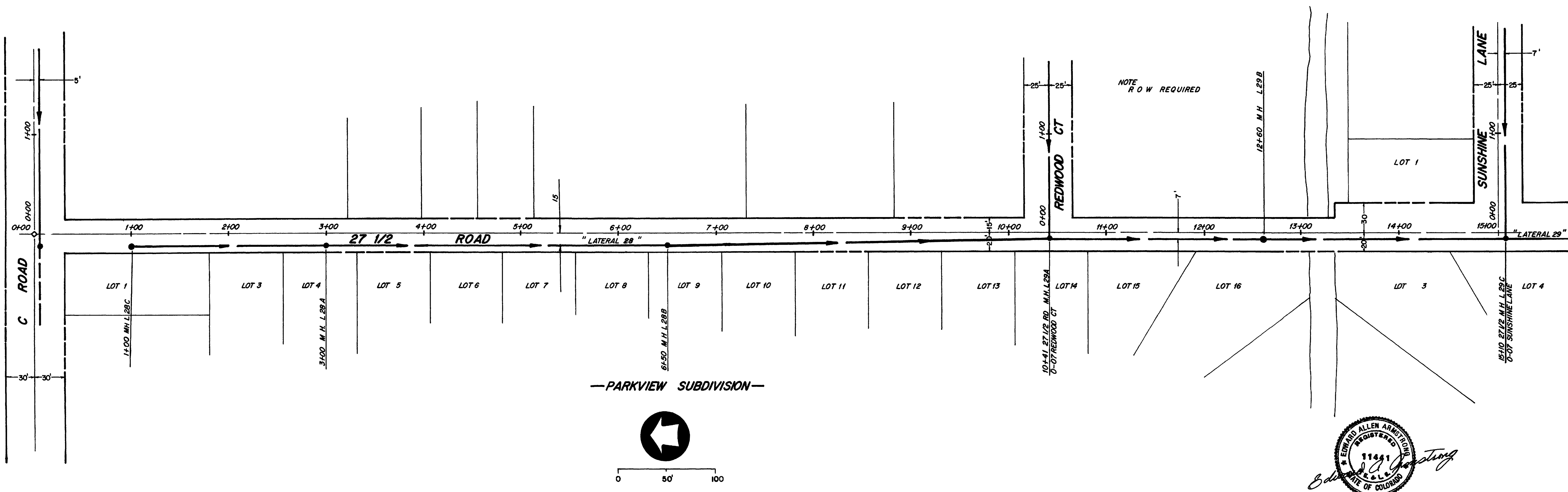
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

SSD 33-76, PHASE 3, ORCHARD MESA  
CONSTRUCTION PLAN & PROFILE, STA 15+00 TO 26+45.68, TL  
27 1/2 ROAD - C ROAD TO B 1/2 RD.

DRAWN BY <i>DWA</i> DATE 4-29-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>E.A.P.</i> DATE 6-21-76	FIELD BOOK #	SHEET 36 of 64
APPROVED BY <i>D.R.J.</i> DATE 6-22-76	PAGE #	DWG #





**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**  
 S.S.D. 33-76, PHASE 3 - ORCHARD MESA  
 CONSTRUCTION PLANE & PROFILE, STA 0+05 TO 15+10 L28 & 29  
**27 1/2 ROAD - C ROAD TO B 1/2 ROAD**

DRAWN BY: *[Signature]* DATE: 4-28-76  
 CHECKED BY: E.A.A. DATE: 6-21-76  
 APPROVED BY: D.R.S. DATE: 6-22-76

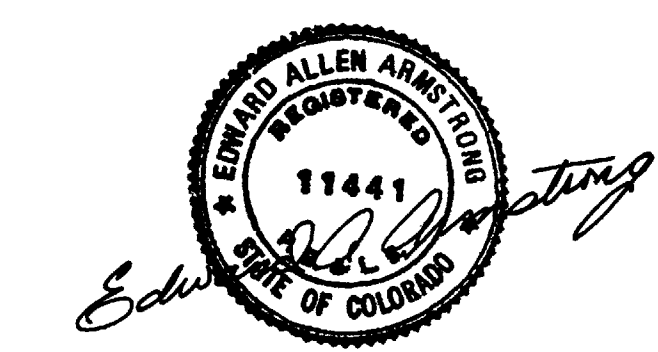
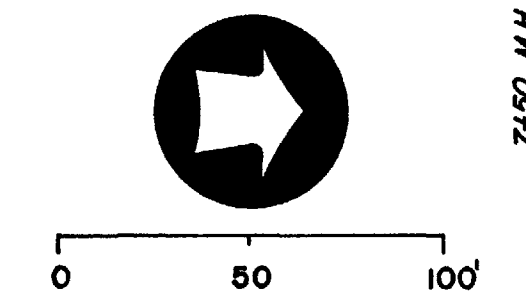
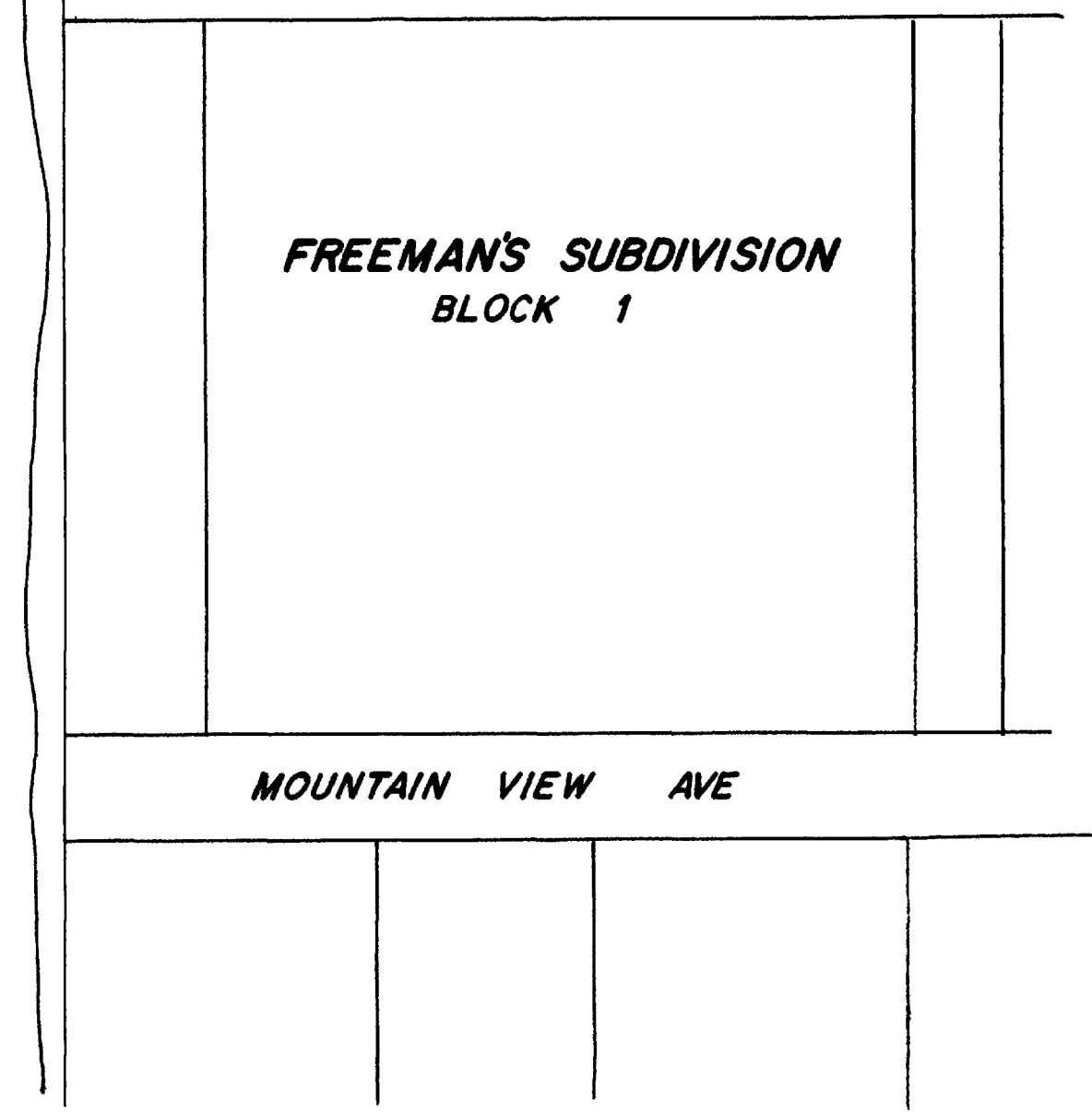
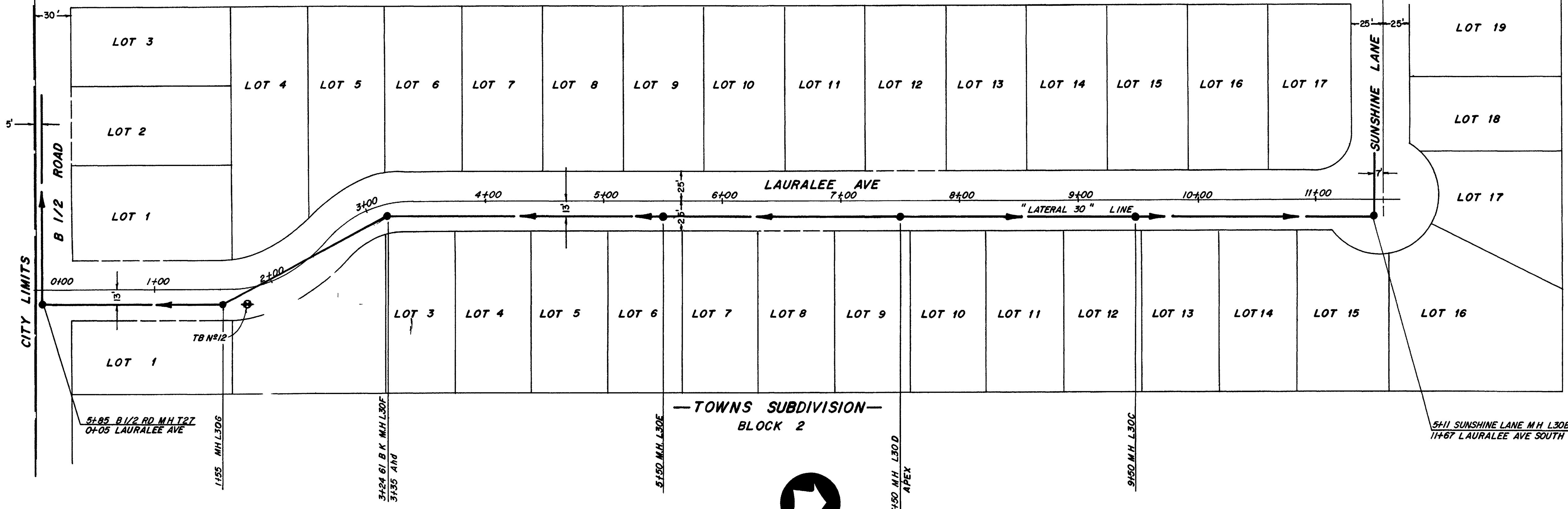
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 VERTICAL SCALE: \_\_\_\_\_

FIELD BOOK NO: \_\_\_\_\_ SHEET: 37 of 64  
 PAGE NO: \_\_\_\_\_



02-113-38 AB

TOWNS SUBDIVISION - BLOCK 1



AS CONSTRUCTED

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

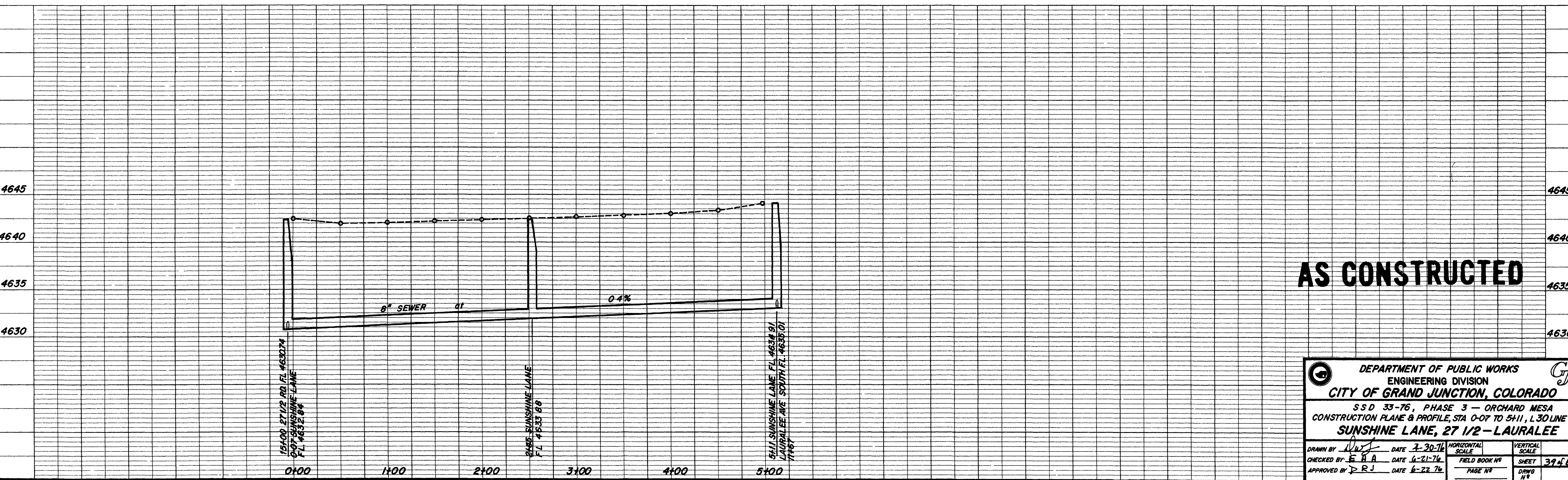
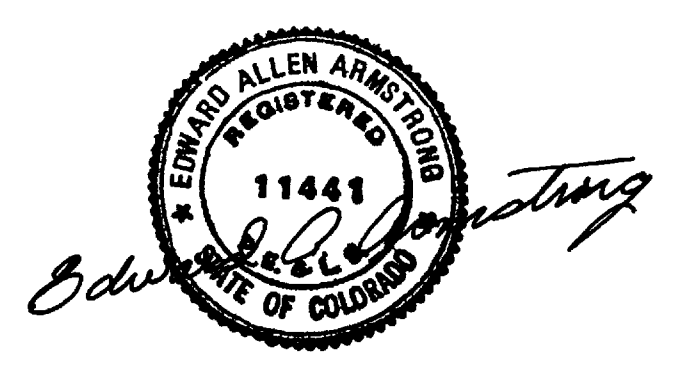
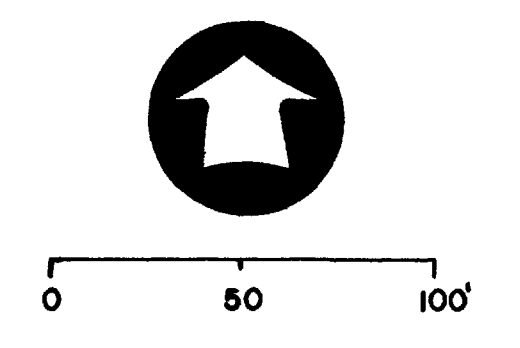
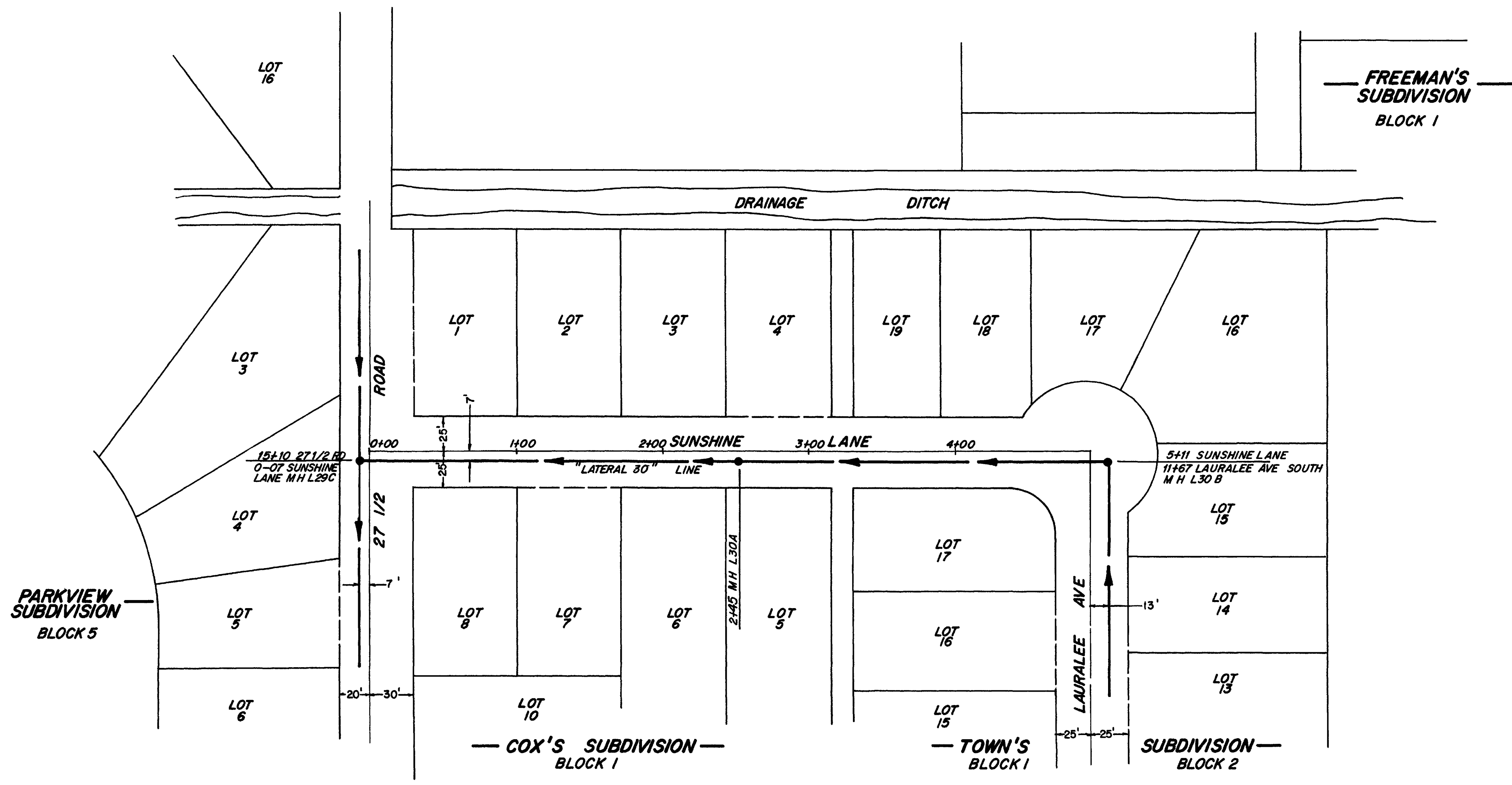
SSD 33-76 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE, STA. 0+05 TO 11+67 L30 LINE  
LAURALEE AVE - B 1/2 RD TO SUNSHINE

DRAWN BY: [Signature] DATE: 4-30-76  
CHECKED BY: E.A.H. DATE: 6-21-76  
APPROVED BY: D.D.S. DATE: 6-22-76

HORIZONTAL SCALE: [Blank]  
VERTICAL SCALE: [Blank]

FIELD BOOK NO: [Blank] SHEET: 38 of 64  
PAGE NO: [Blank] DRWG NO: [Blank]





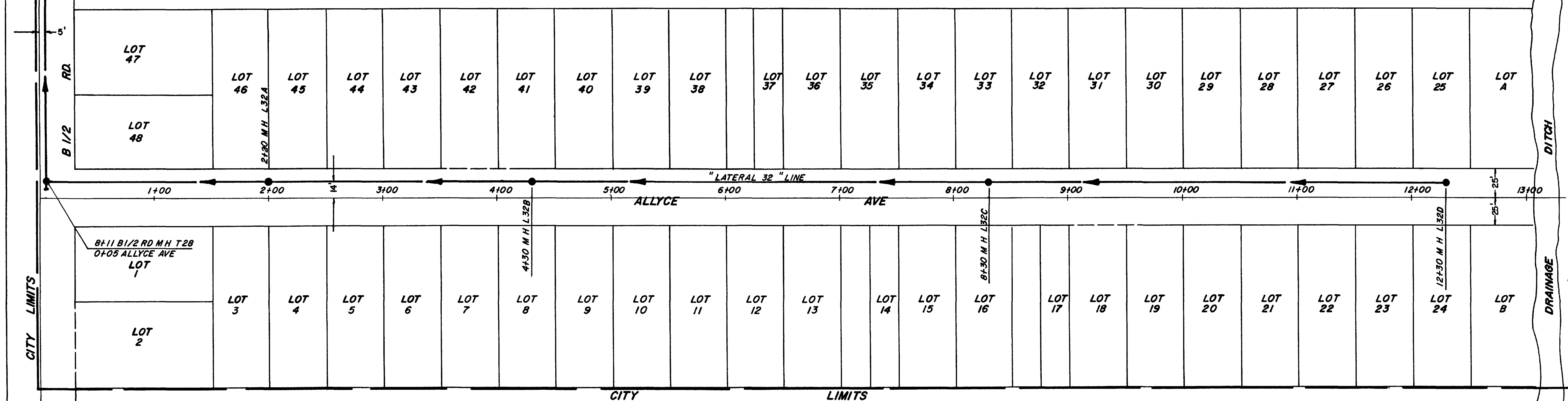
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION <b>CITY OF GRAND JUNCTION, COLORADO</b>			
SSD 33-76, PHASE 3 - ORCHARD MESA CONSTRUCTION PLANE & PROFILE, STA 0+07 TO 5+11, L.30 LINE <b>SUNSHINE LANE, 27 1/2 - LAURALEE</b>			
DRAWN BY: <i>[Signature]</i> CHECKED BY: EBA APPROVED BY: DRJ	DATE: 7-30-76 DATE: 6-21-76 DATE: 6-22-76	HORIZONTAL SCALE FIELD BOOK NO PAGE NO	VERTICAL SCALE SHEET DWG NO
			39 of 64

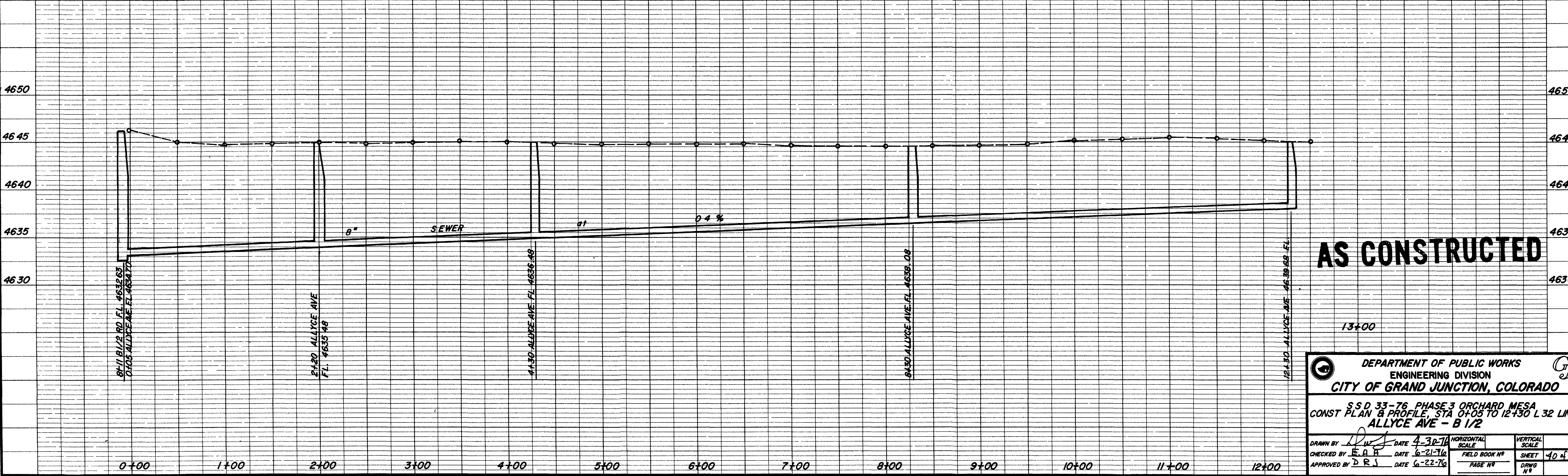
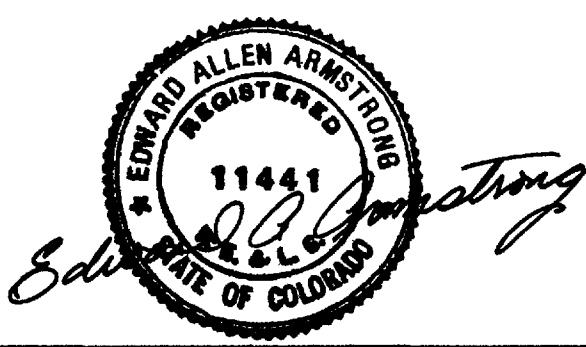
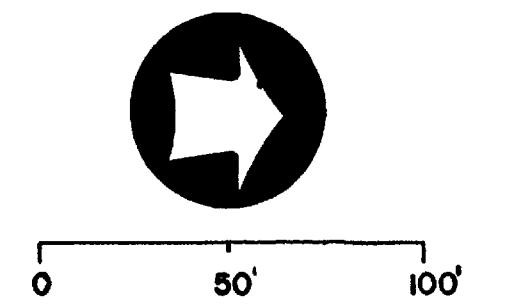


SUNLAND SUBDIVISION

BLOCK 1



CITY LIMITS



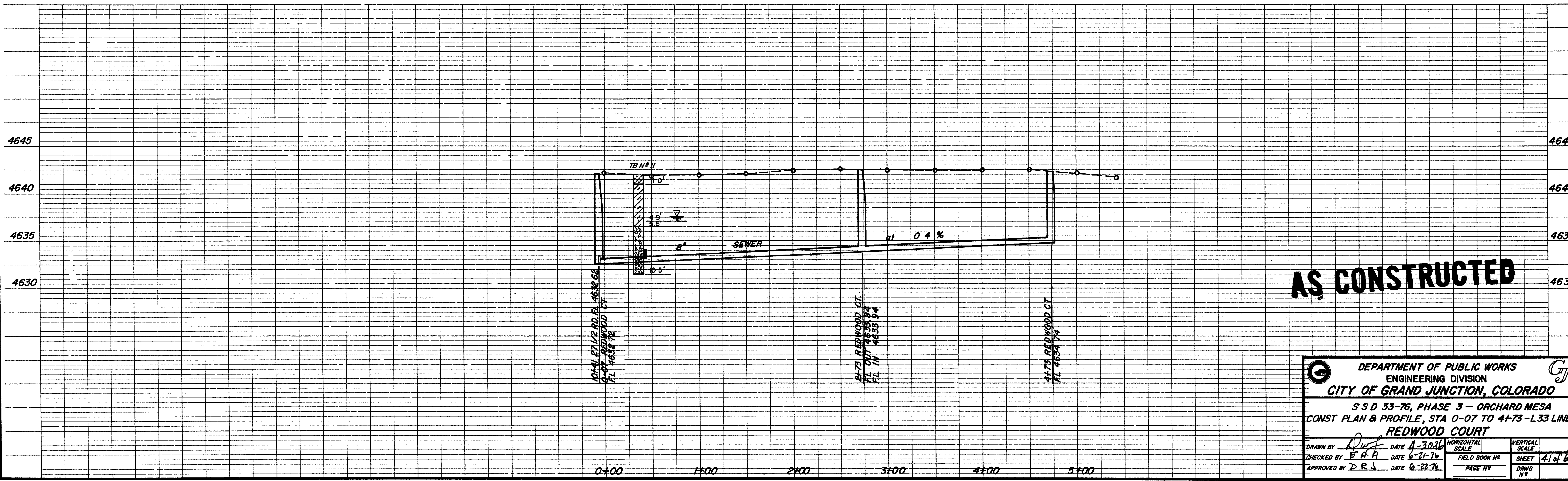
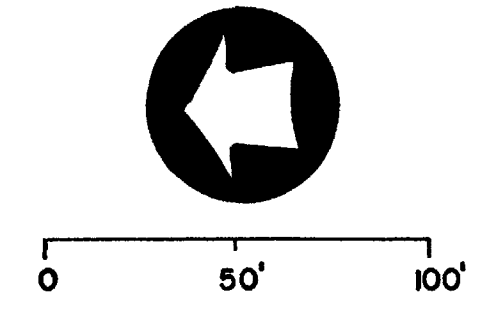
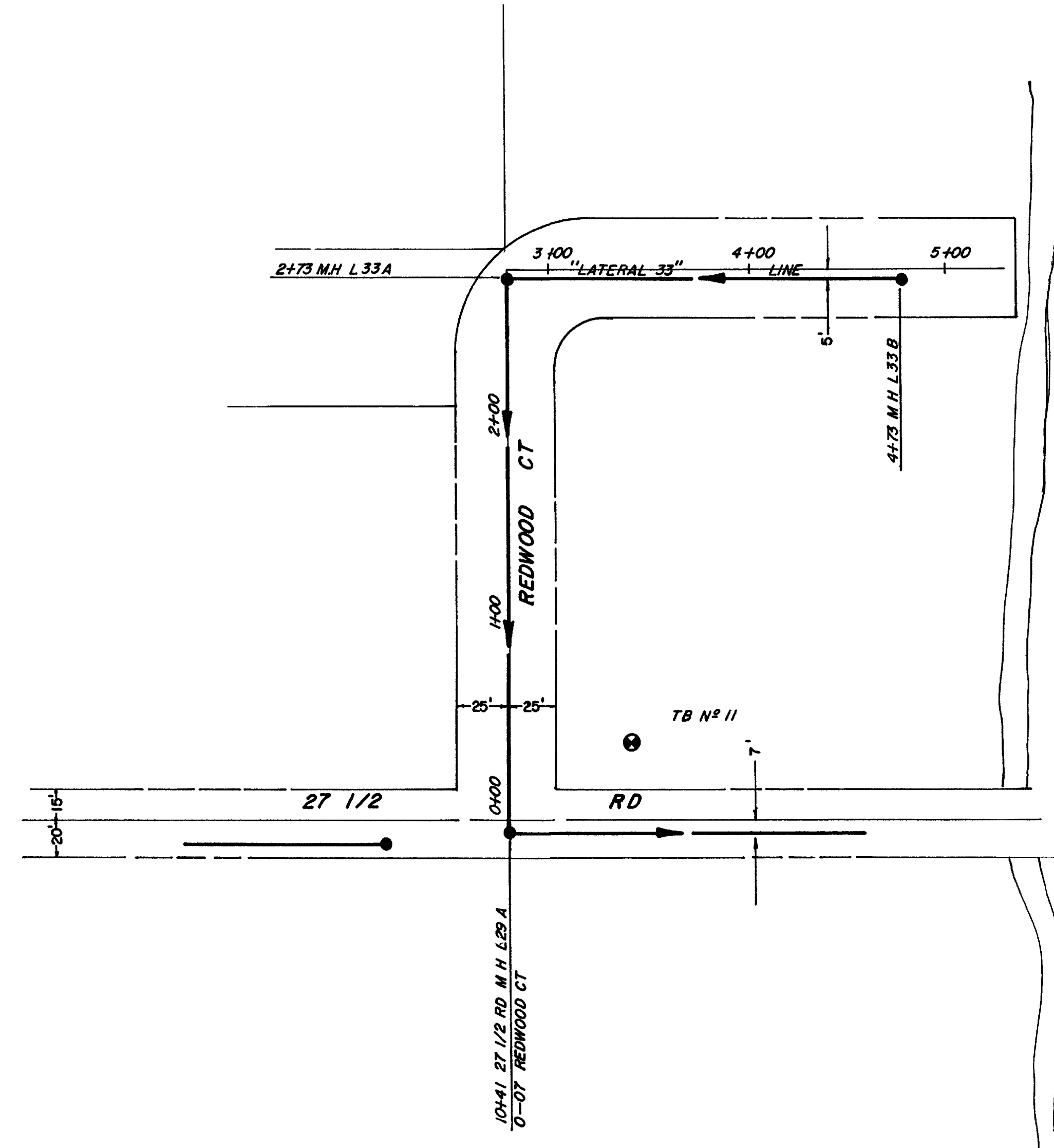
AS CONSTRUCTED

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

SSD 33-76, PHASE 3 ORCHARD MESA  
CONST PLAN & PROFILE, STA 0+05 TO 12+30 L 32 LINE  
ALLYCE AVE - B 1/2

DRAWN BY *[Signature]* DATE 4-30-76  
CHECKED BY E.A.H. DATE 6-21-76  
APPROVED BY D.R.S. DATE 6-22-76

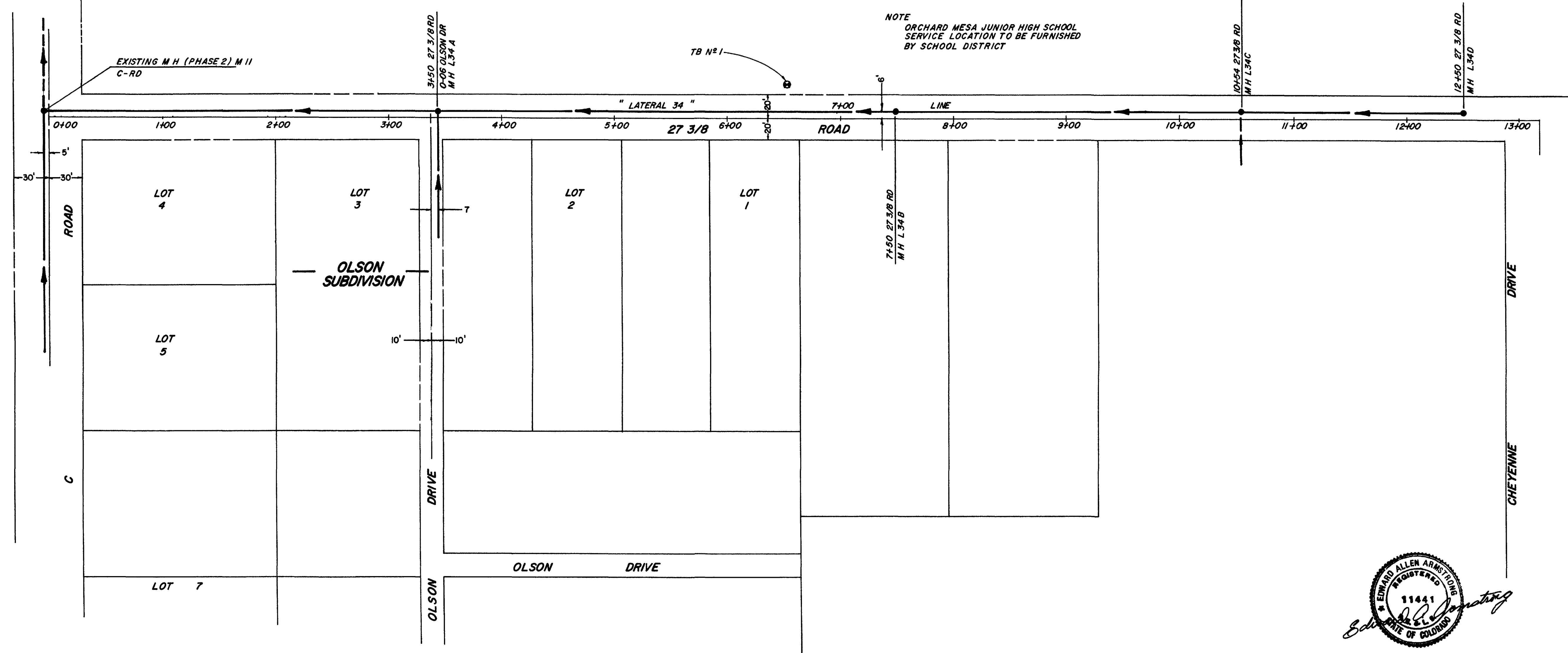
HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO.	SHEET 40 of 64
PAGE NO.	DWG NO.



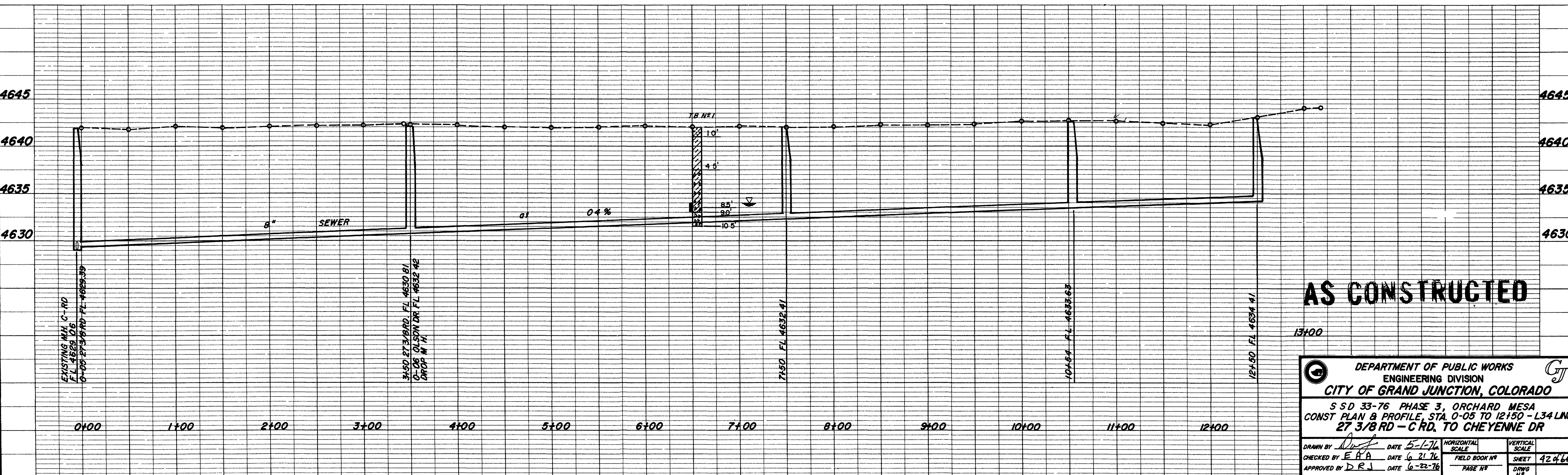
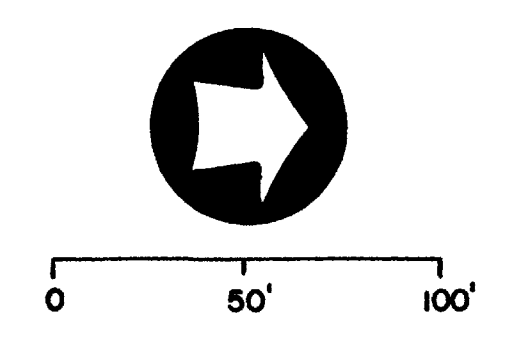
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO			
S S D 33-76, PHASE 3 - ORCHARD MESA CONST PLAN & PROFILE, STA 0-07 TO 4+73 - L33 LINE <b>REDWOOD COURT</b>			
DRAWN BY <i>RWA</i> CHECKED BY <i>EFA</i> APPROVED BY <i>DRS</i>	DATE 1-30-16 DATE 6-21-16 DATE 6-22-16	HORIZONTAL SCALE FIELD BOOK NO. PAGE NO.	VERTICAL SCALE SHEET DRWG NO.
		4 of 64	





NOTE  
 ORCHARD MESA JUNIOR HIGH SCHOOL  
 SERVICE LOCATION TO BE FURNISHED  
 BY SCHOOL DISTRICT



**AS CONSTRUCTED**

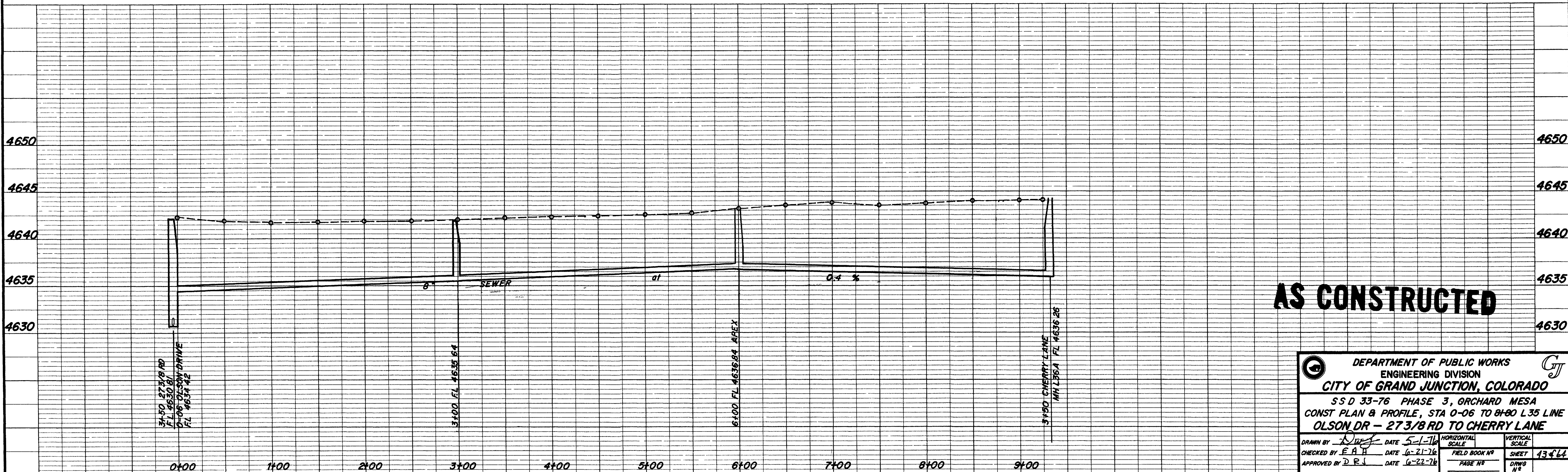
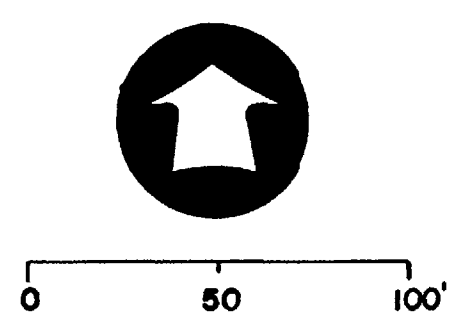
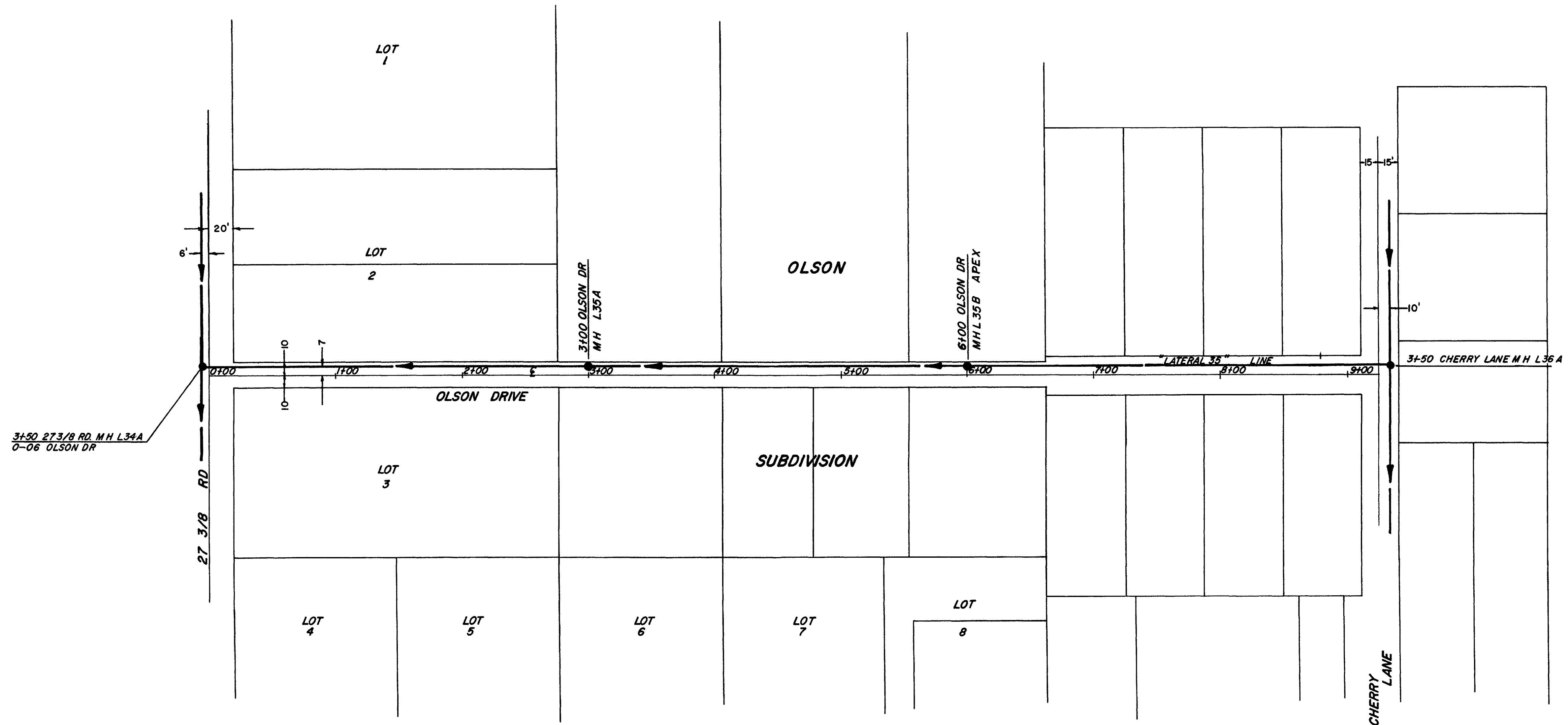
DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 CITY OF GRAND JUNCTION, COLORADO

S D 33-76 PHASE 3, ORCHARD MESA  
 CONST PLAN & PROFILE STA. 0-05 TO 12+50 - L34 LINE  
 27 3/8 RD - C RD, TO CHEYENNE DR

DRAWN BY <i>DRJ</i>	DATE 5-1-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>EPA</i>	DATE 6-21-76	FIELD BOOK NO	SHEET 42 of 61
APPROVED BY <i>DRJ</i>	DATE 6-22-76	PAGE NO	DRWG NO



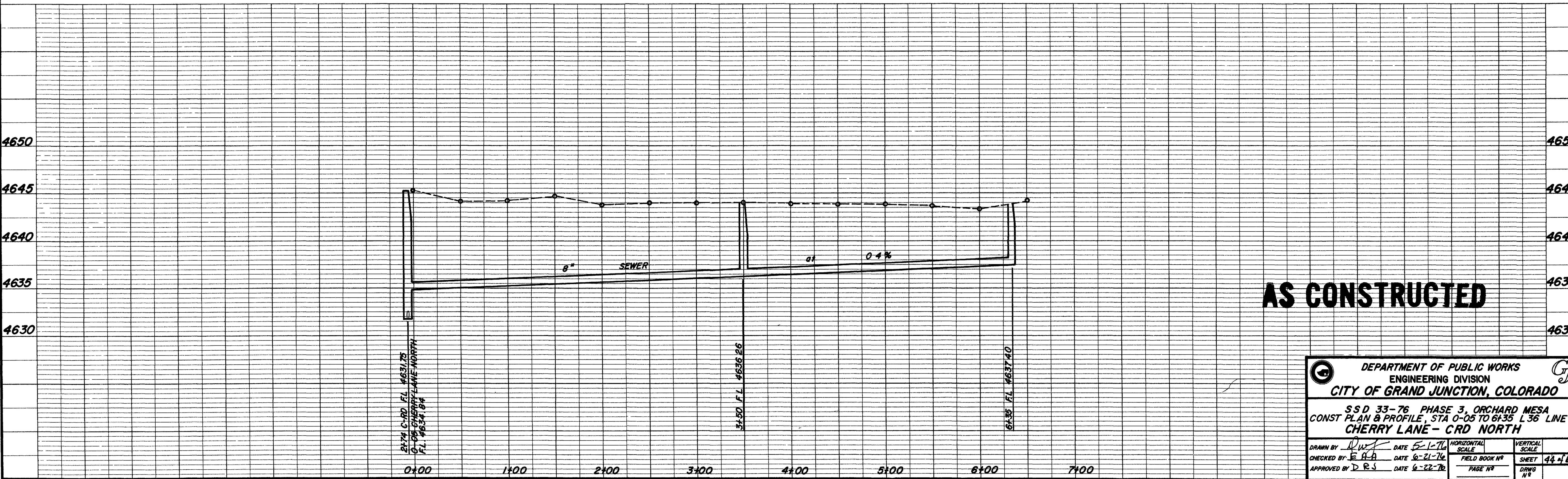
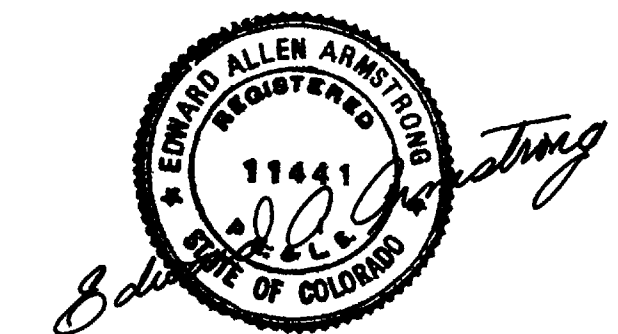
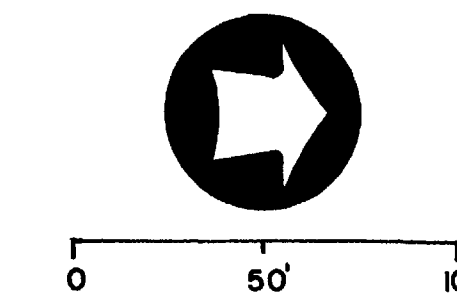
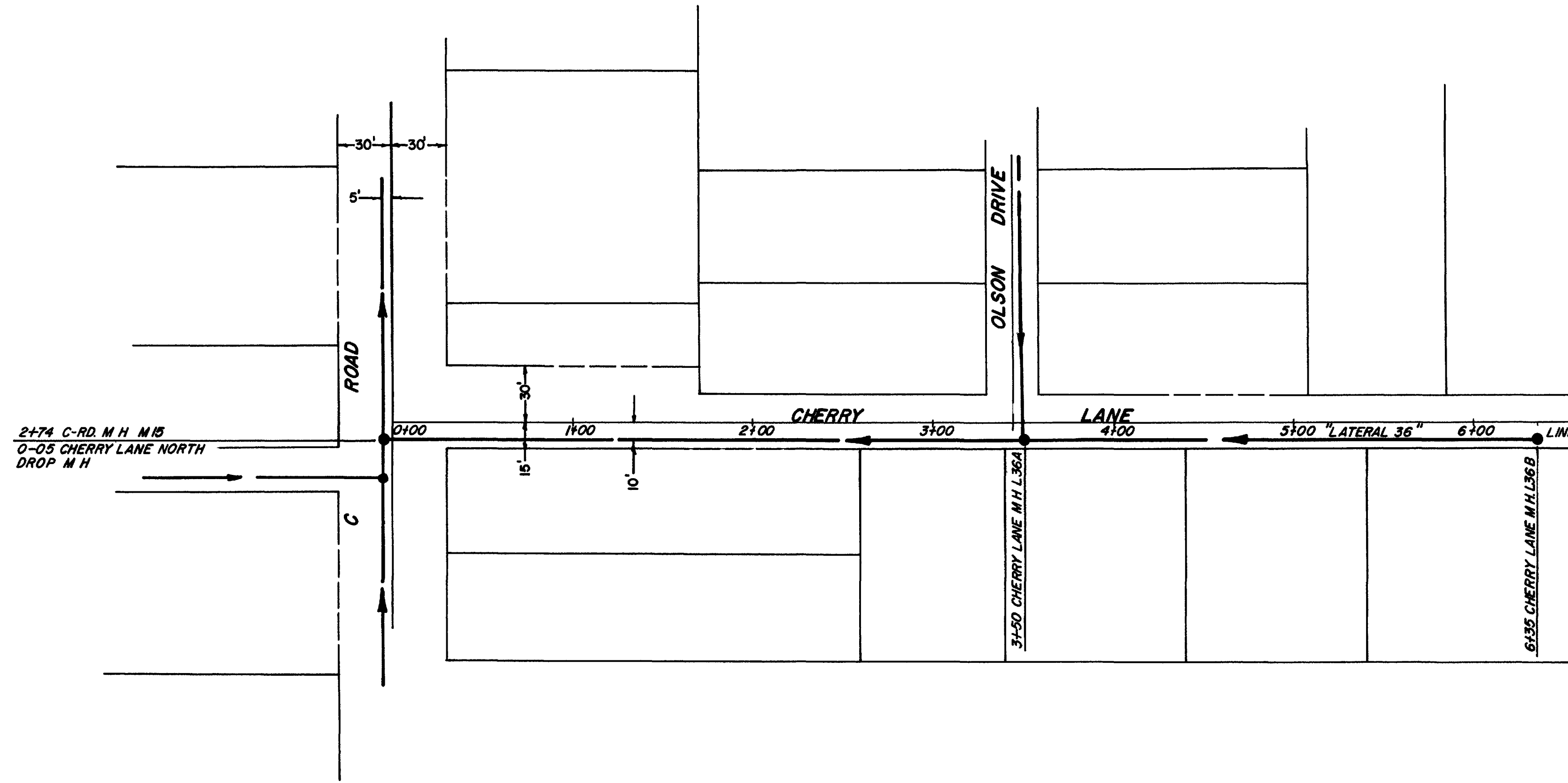
02-113-43 AB



**AS CONSTRUCTED**

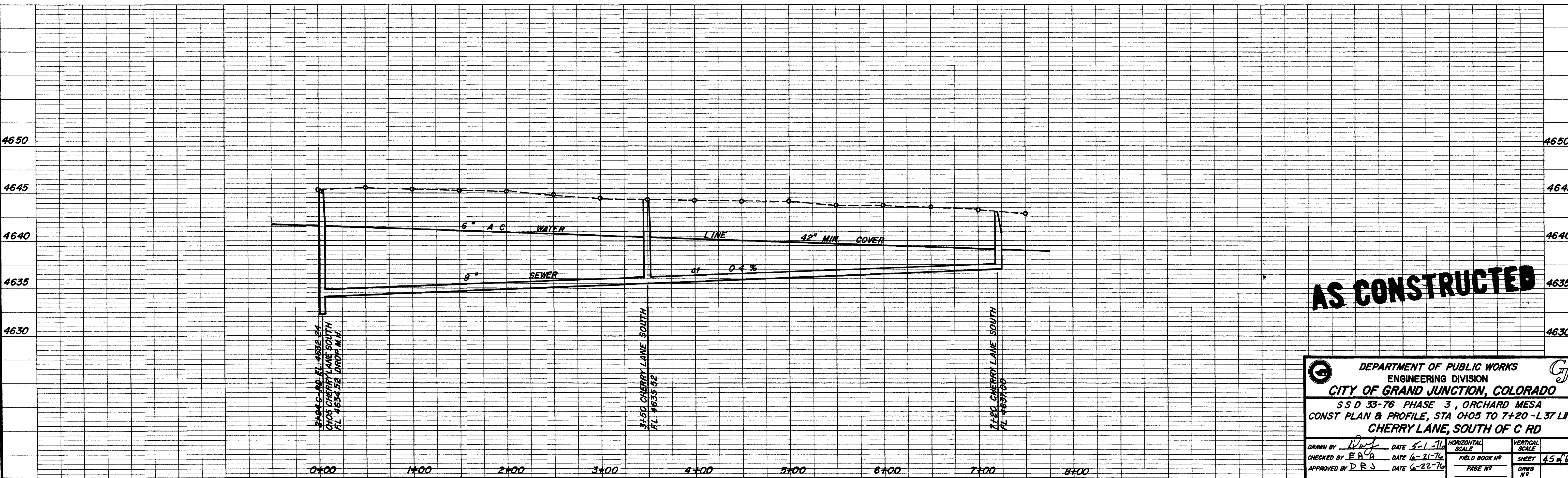
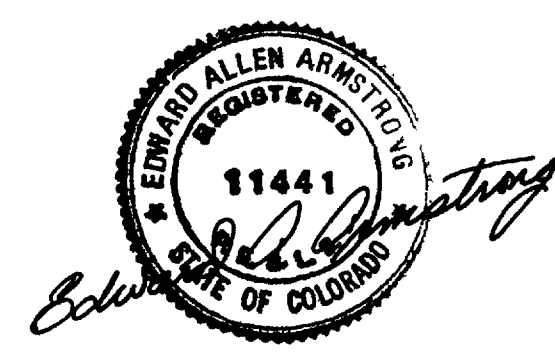
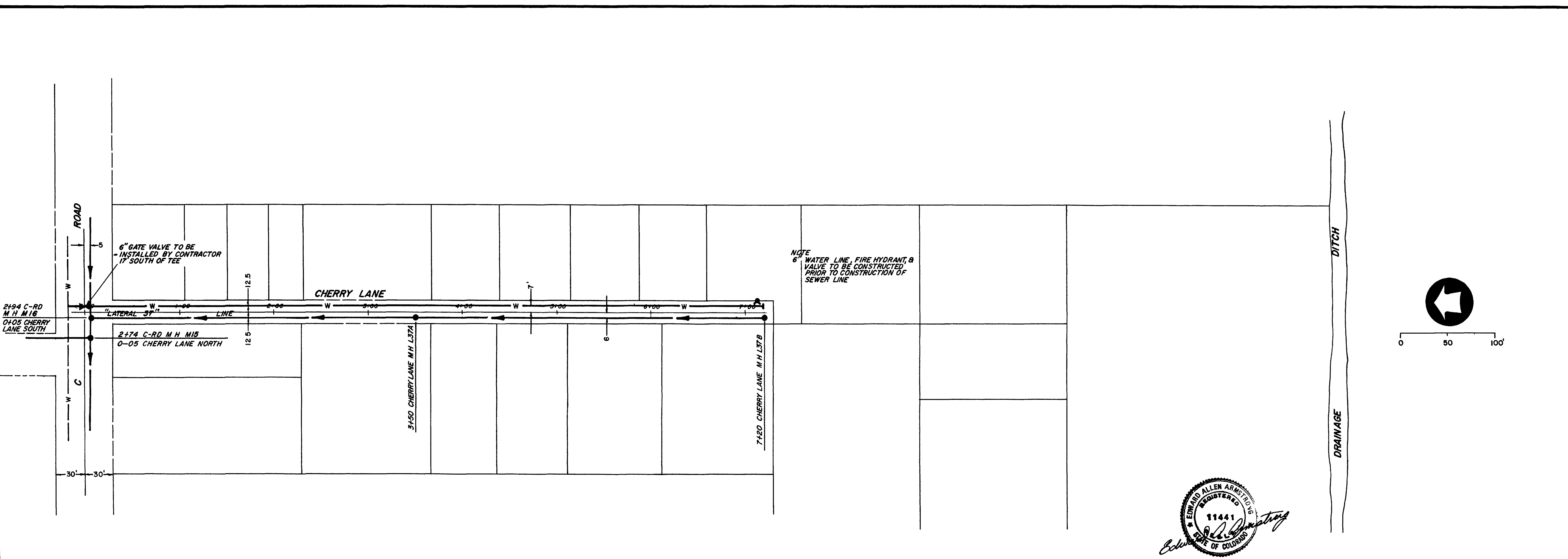
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION <b>CITY OF GRAND JUNCTION, COLORADO</b>			
S.S.D. 33-76 PHASE 3, ORCHARD MESA CONST. PLAN & PROFILE, STA 0+06 TO 8+80 L35 LINE <b>OLSON DR - 27 3/8 RD TO CHERRY LANE</b>			
DRAWN BY <i>D.R.J.</i> DATE 5-1-76 CHECKED BY <i>E.A.H.</i> DATE 6-21-76 APPROVED BY <i>D.R.J.</i> DATE 6-22-76	HORIZONTAL SCALE FIELD BOOK NO. PAGE NO.	VERTICAL SCALE SHEET NO. 43 of 64 DRAWING NO.	<i>CJJ</i>





**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO			
S.S.D. 33-76 PHASE 3, ORCHARD MESA CONST. PLAN & PROFILE, STA 0+05 TO 6+35 L. 36 LINE CHERRY LANE - CRD NORTH			
DRAWN BY: <i>[Signature]</i> CHECKED BY: E.A.A. APPROVED BY: D.R.S.	DATE: 5-1-76 DATE: 6-21-76 DATE: 6-22-76	HORIZONTAL SCALE: FIELD BOOK NO. PAGE NO.	VERTICAL SCALE: SHEET: 44 of 64 DRAWING NO.



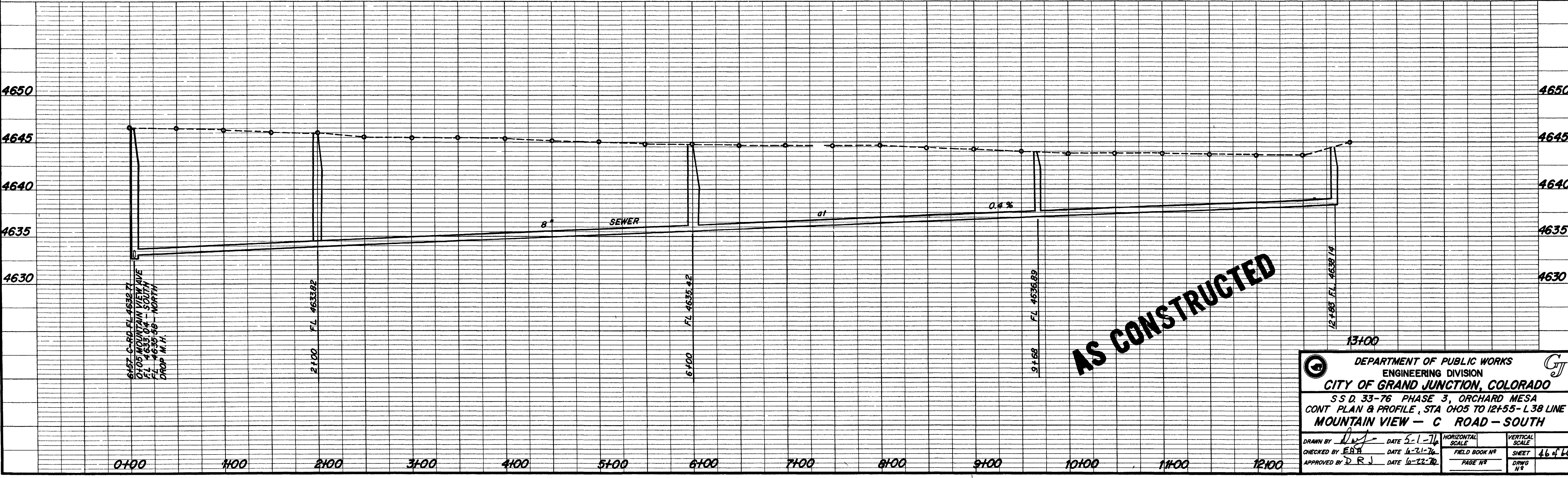
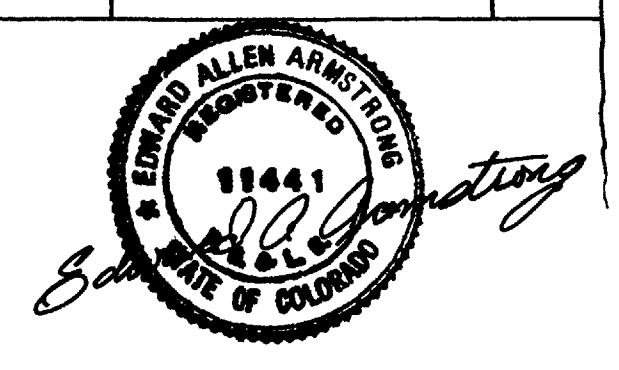
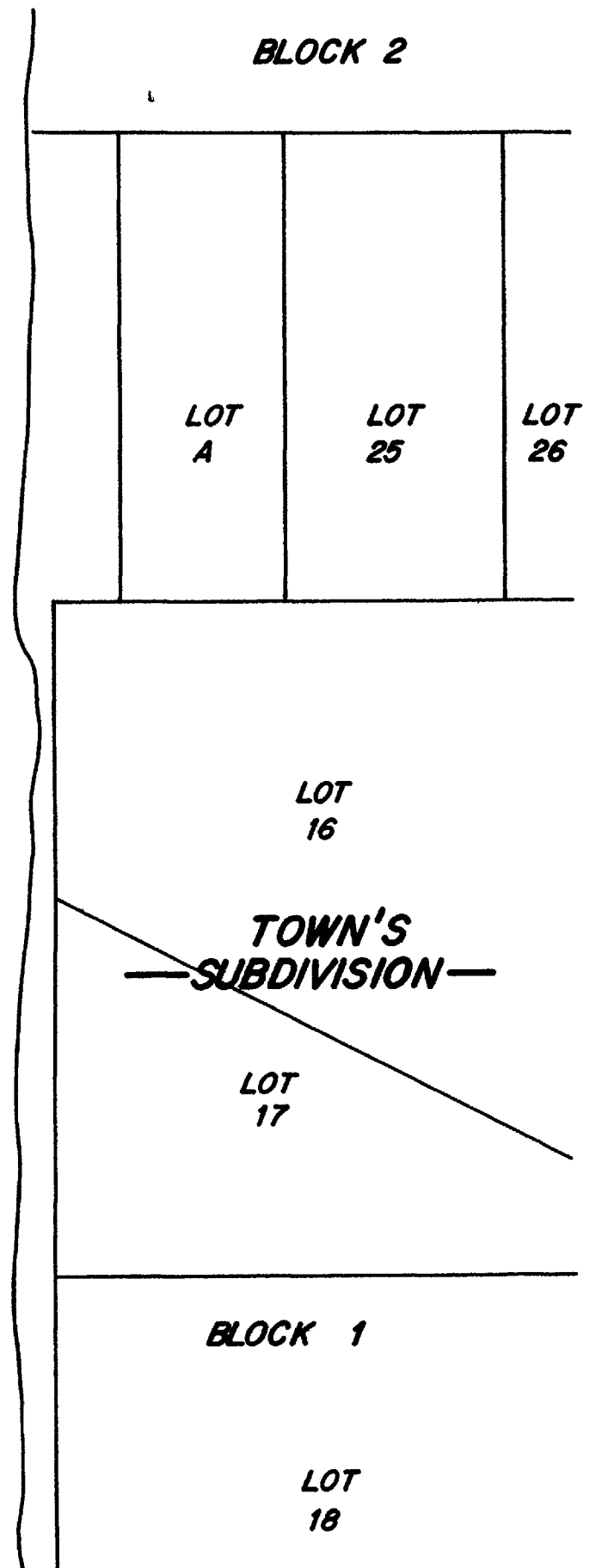
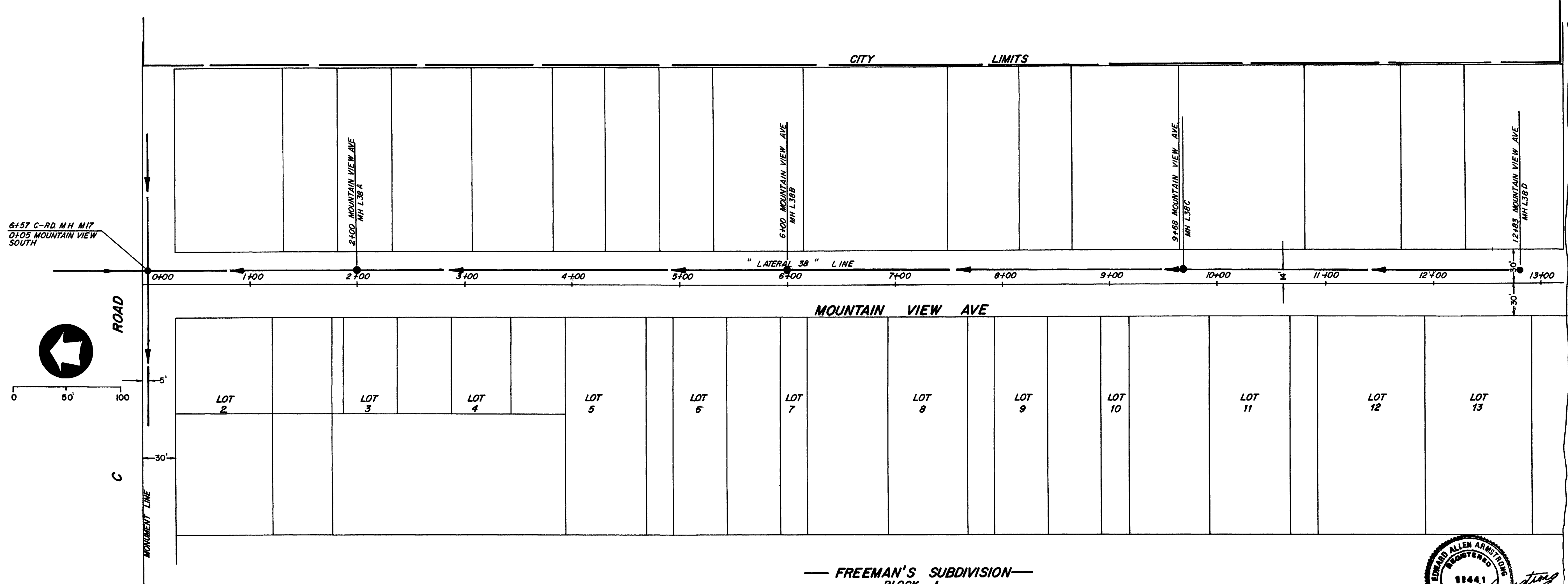
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

SSD 33-76 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE, STA 0+05 TO 7+20 - L 37 LINE  
CHERRY LANE, SOUTH OF C RD

DRAWN BY <i>DWJ</i>	DATE 5-1-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>EDB</i>	DATE 6-21-76	FIELD BOOK NO	SHEET 45 of 64
APPROVED BY <i>DRJ</i>	DATE 6-22-76	PAGE NO	DRWG NO



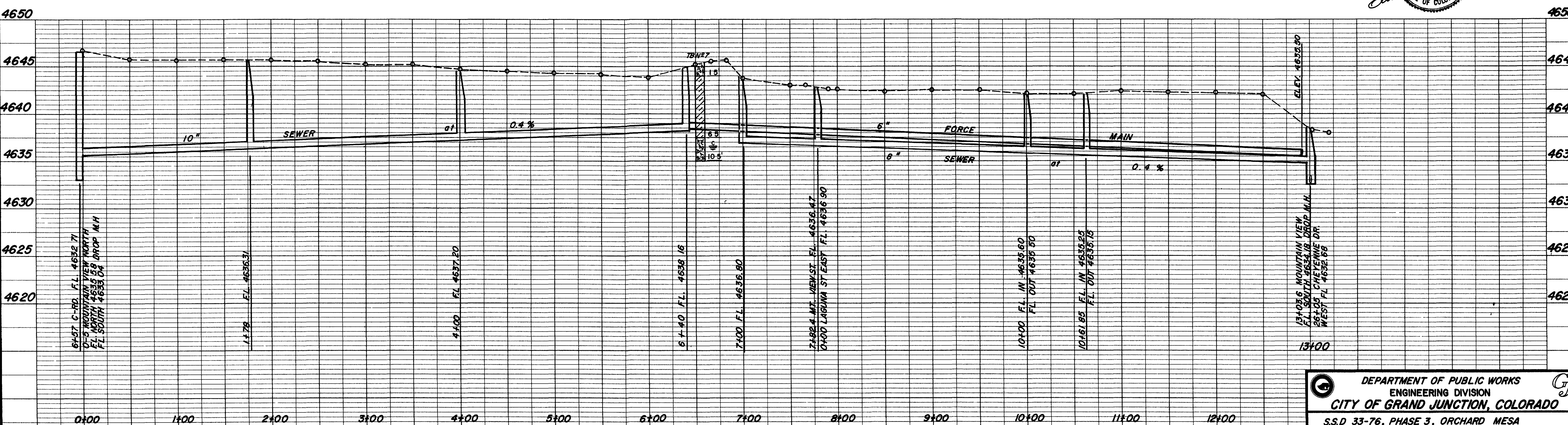
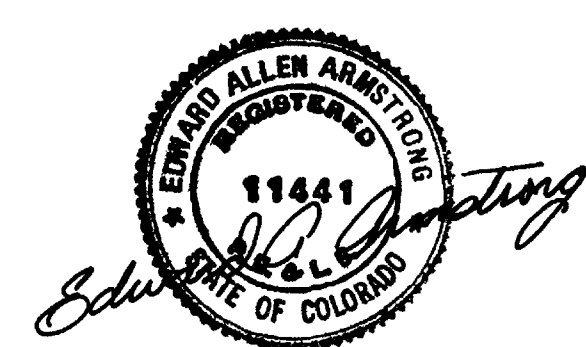
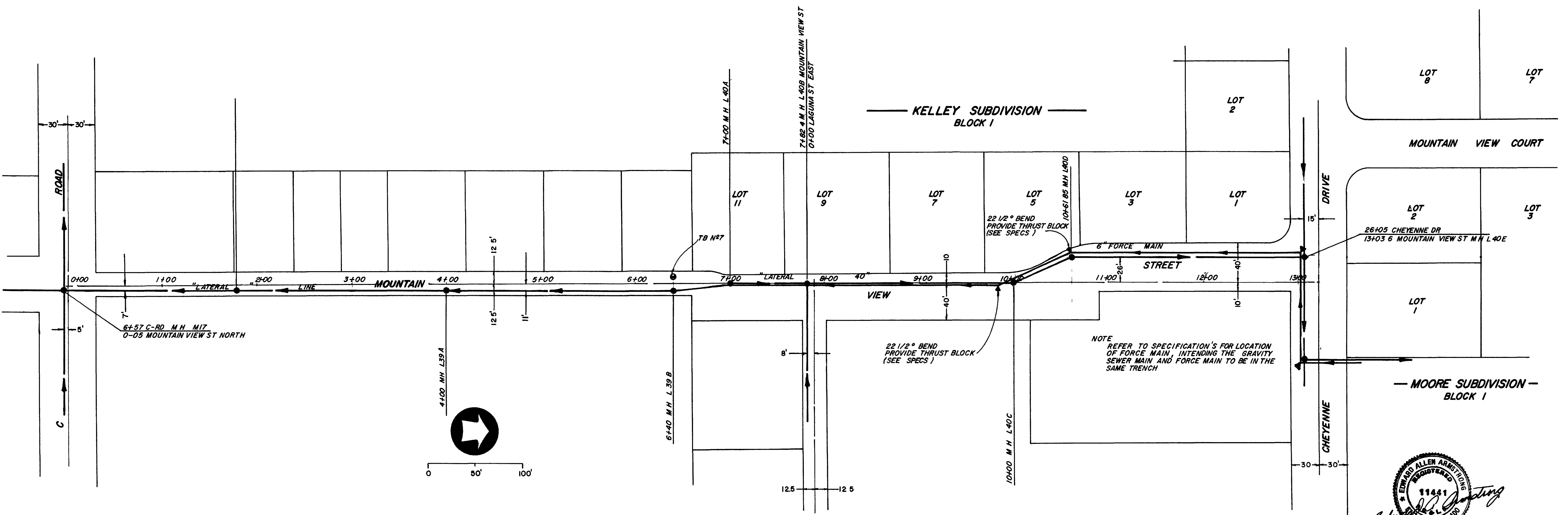


DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO  
S.S.D. 33-76 PHASE 3, ORCHARD MESA  
CONT. PLAN & PROFILE, STA 0+05 TO 12+55 - L38 LINE  
MOUNTAIN VIEW - C ROAD - SOUTH

DRAWN BY *[Signature]* DATE 5-1-76  
CHECKED BY E.B. DATE 6-21-76  
APPROVED BY D.R.J. DATE 10-22-76

HORIZONTAL SCALE: \_\_\_\_\_  
VERTICAL SCALE: \_\_\_\_\_  
FIELD BOOK NO. \_\_\_\_\_  
PAGE NO. \_\_\_\_\_  
SHEET 46 of 64  
DRAWING NO. \_\_\_\_\_





**AS CONSTRUCTED**

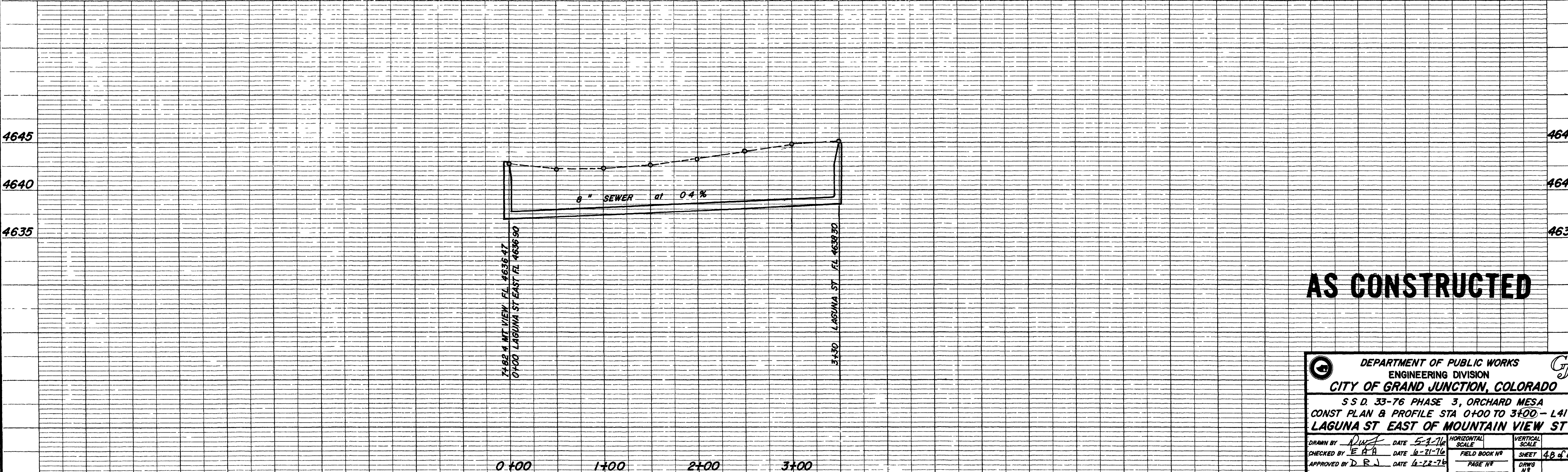
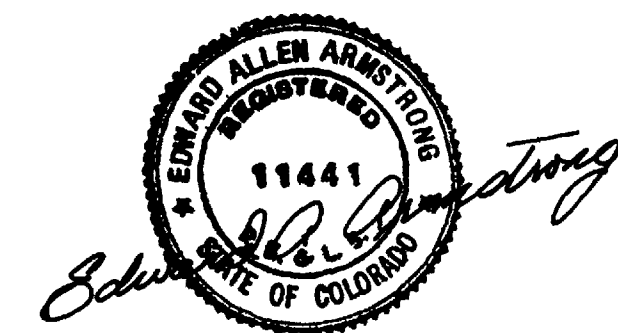
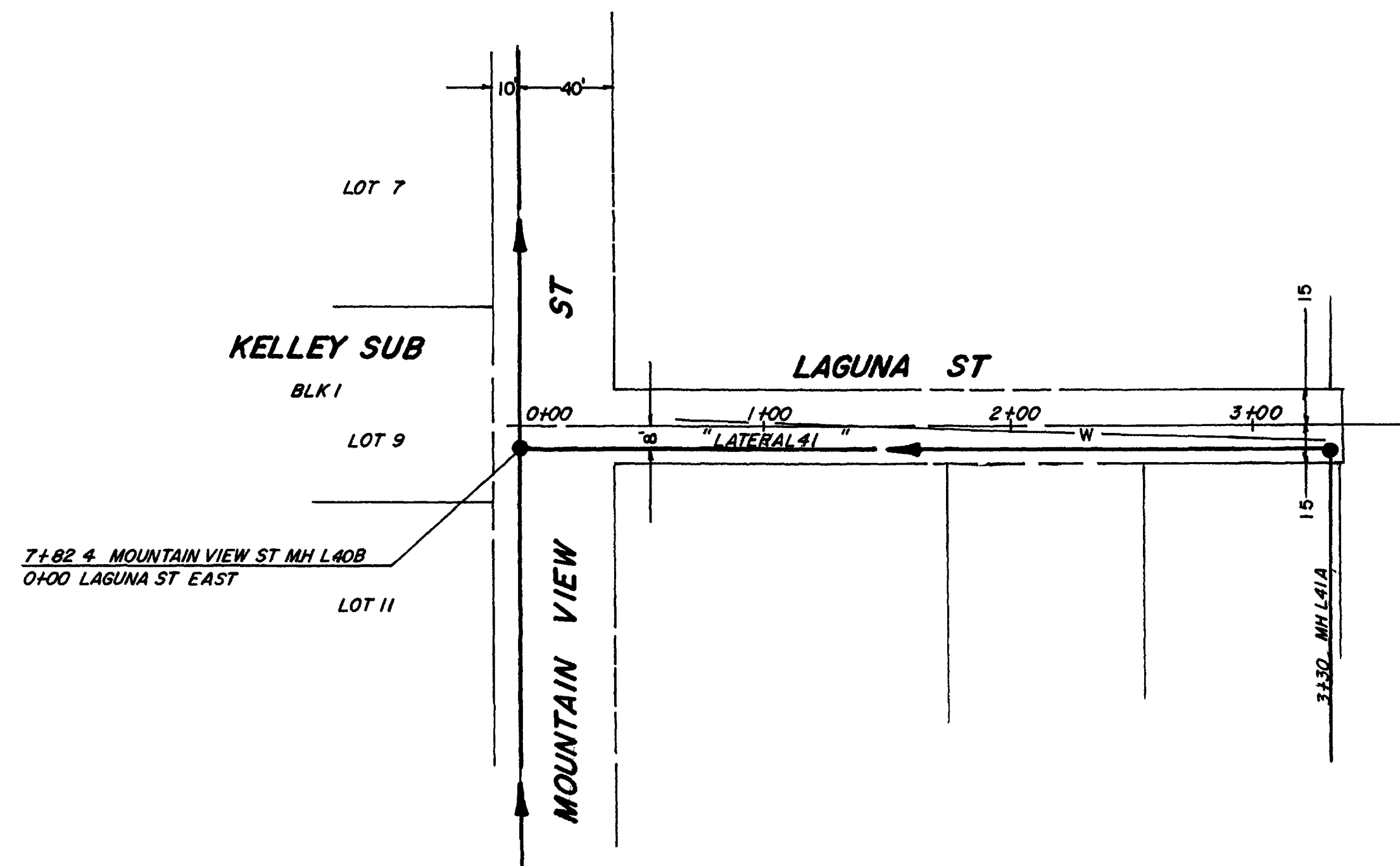
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
**CITY OF GRAND JUNCTION, COLORADO**

**S.S.D 33-76, PHASE 3, ORCHARD MESA**  
**CONST PLAN & PROFILE, STA 0-5 TO 13+03.6-L39 & L40**  
**MOUNTAIN VIEW ST - C RD TO CHEYENNE DR**

**DRAWN BY [Signature] DATE 5-3-76**  
**CHECKED BY E.B.A. DATE 4-21-76**  
**APPROVED BY [Signature] DATE 6-22-76**

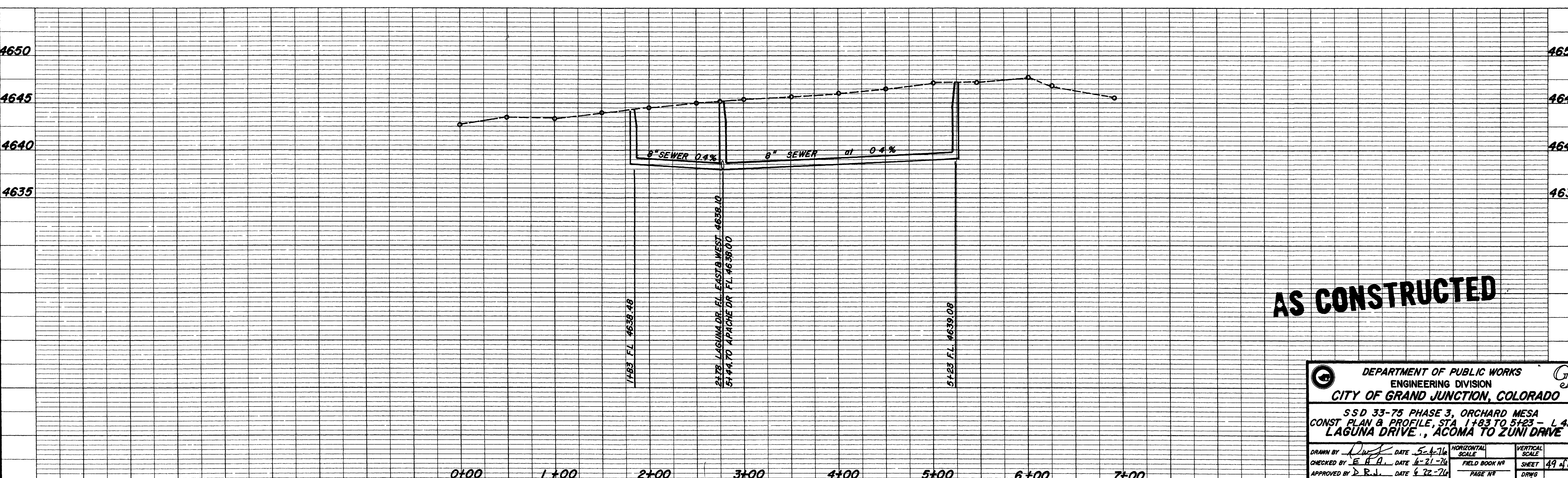
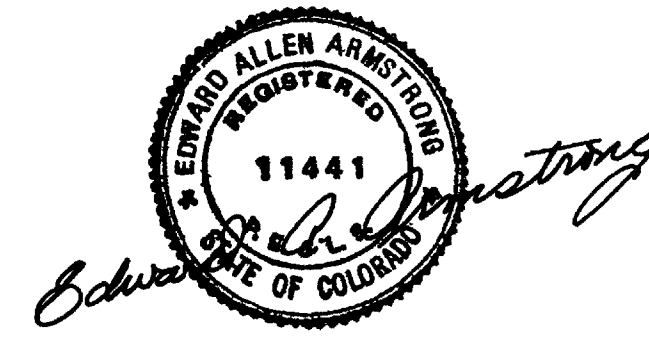
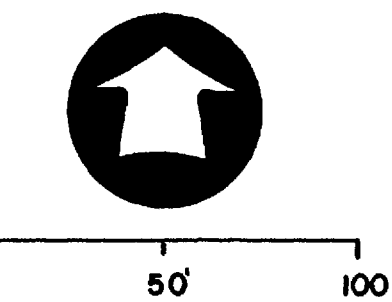
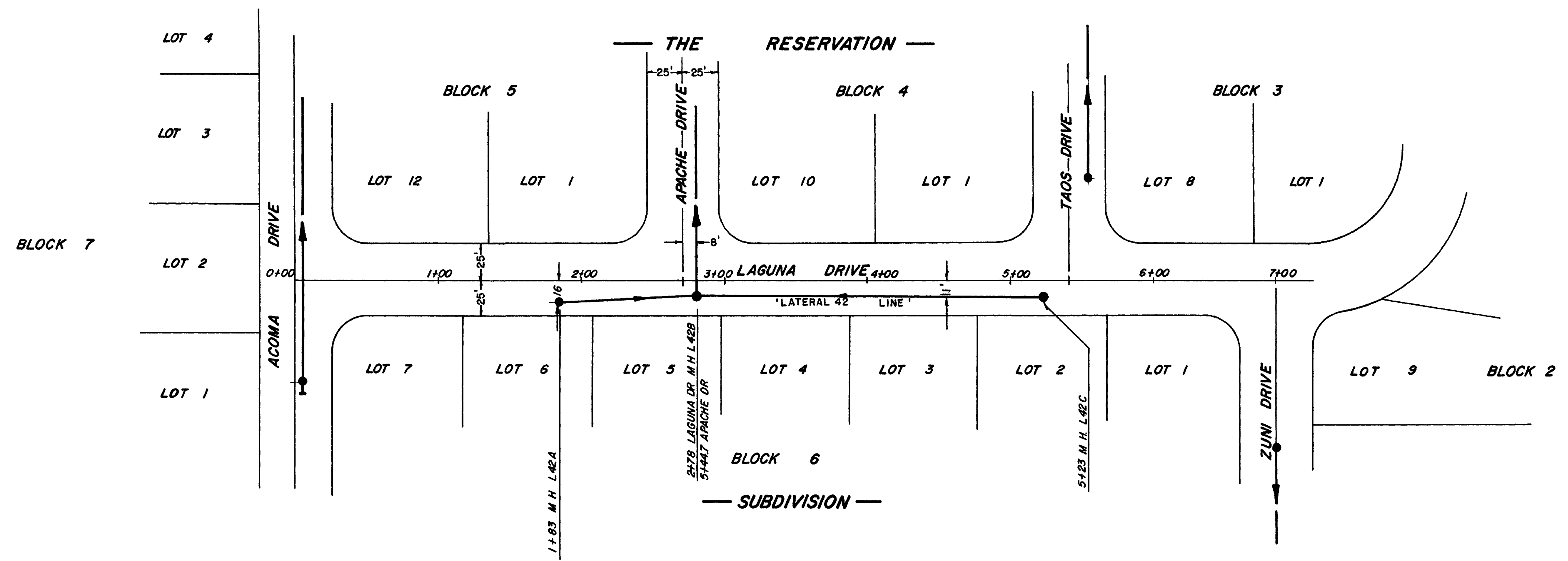
HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO	SHEET 47 of 64
PAGE NO	DRAWG NO





**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO			
S.S.D. 33-76 PHASE 3, ORCHARD MESA CONST PLAN & PROFILE STA 0+00 TO 3+00 - L41 LAGUNA ST EAST OF MOUNTAIN VIEW ST			
DRAWN BY <i>DJA</i> CHECKED BY <i>E.A.</i> APPROVED BY <i>D.R.J.</i>	DATE 5-9-76 DATE 6-21-76 DATE 6-22-76	HORIZONTAL SCALE FIELD BOOK NO PAGE NO	VERTICAL SCALE SHEET 48 of 64 DWG NO



**AS CONSTRUCTED**

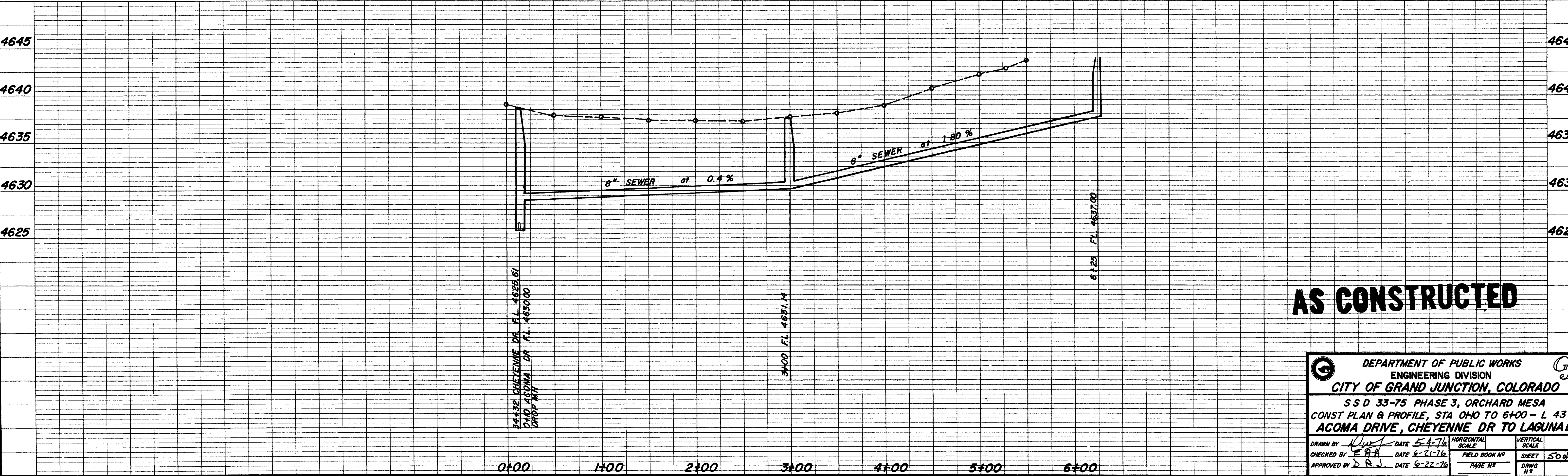
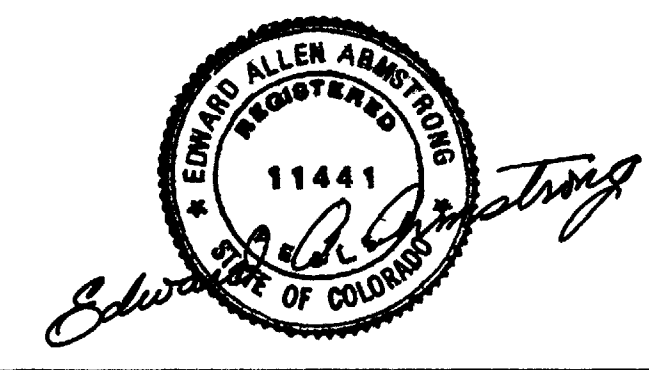
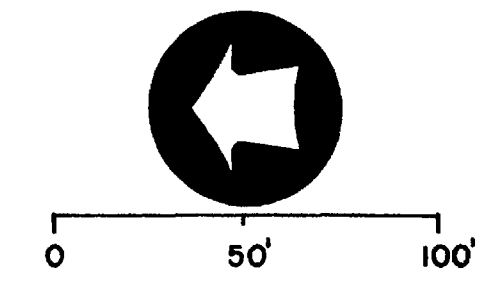
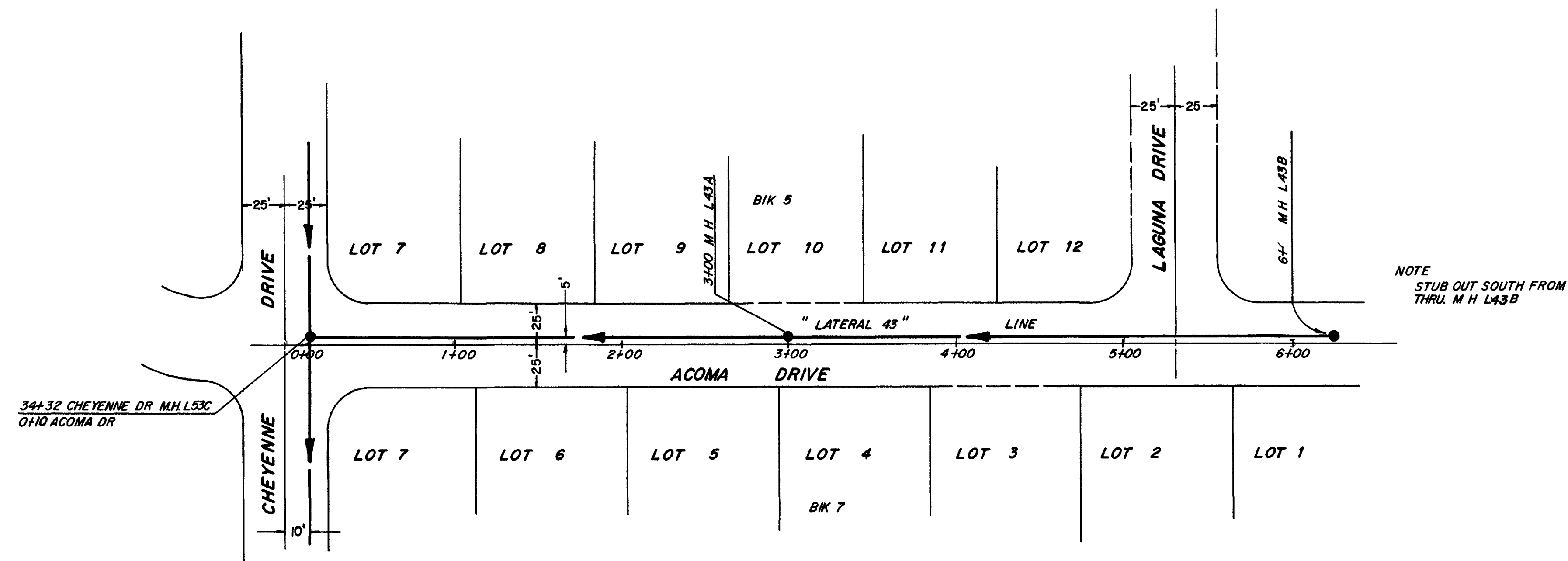
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

SSD 33-75 PHASE 3, ORCHARD MESA  
CONST. PLAN & PROFILE, STA. 1+83 TO 5+23 - L. 42  
LAGUNA DRIVE, ACOMA TO ZUNI DRIVE

DRAWN BY *D.W.F.* DATE 5-4-76  
CHECKED BY *E.A.A.* DATE 6-21-76  
APPROVED BY *D.R.J.* DATE 6-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO.	SHEET 49 of 64
PAGE NO.	DWG. NO.





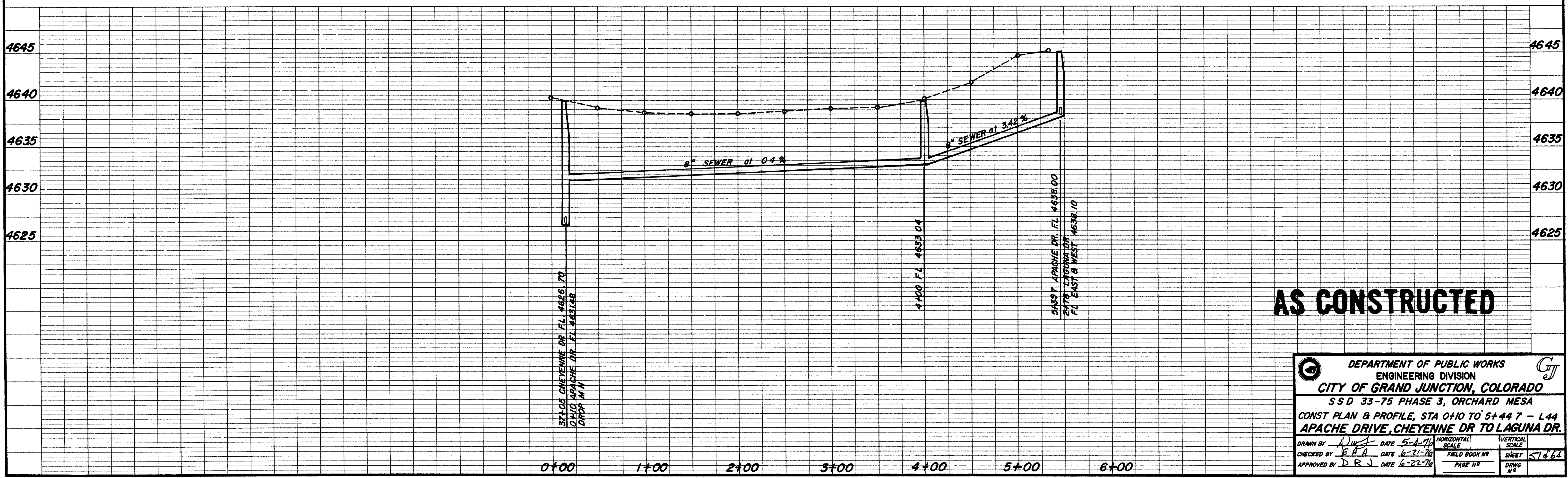
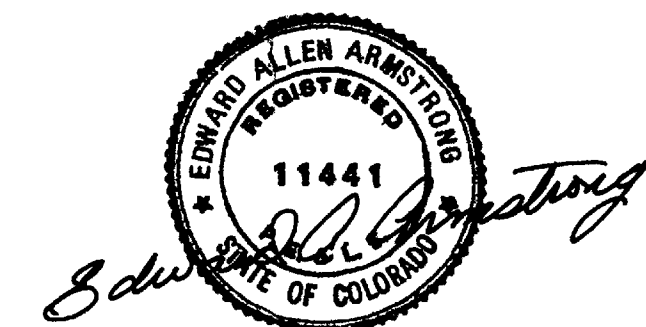
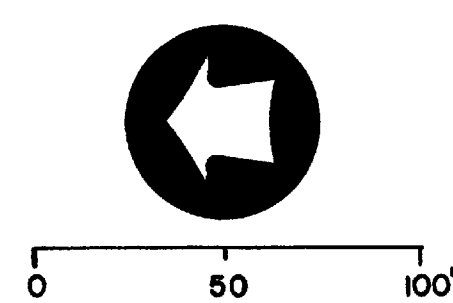
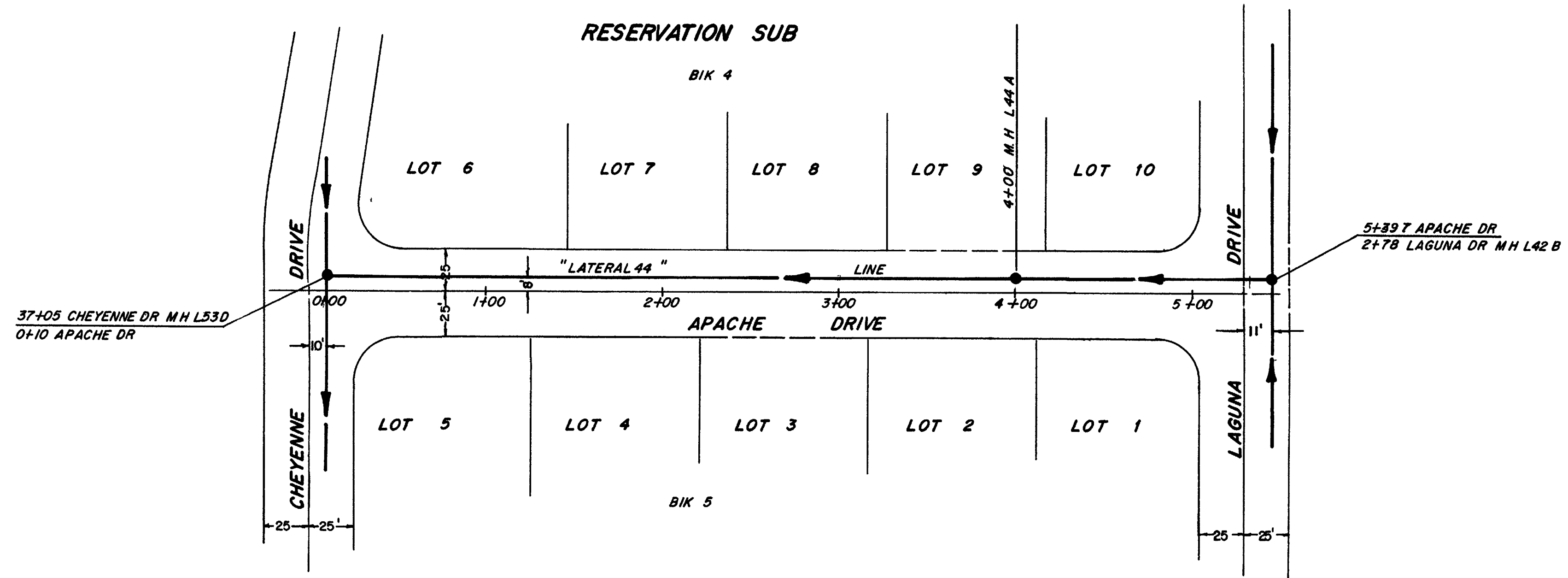
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

S S D 33-75 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE, STA 0+0 TO 6+00 - L 43  
ACOMA DRIVE, CHEYENNE DR TO LAGUNA DR

DRAWN BY *[Signature]* DATE 5-4-76  
CHECKED BY *[Signature]* DATE 6-21-76  
APPROVED BY *[Signature]* DATE 6-22-76

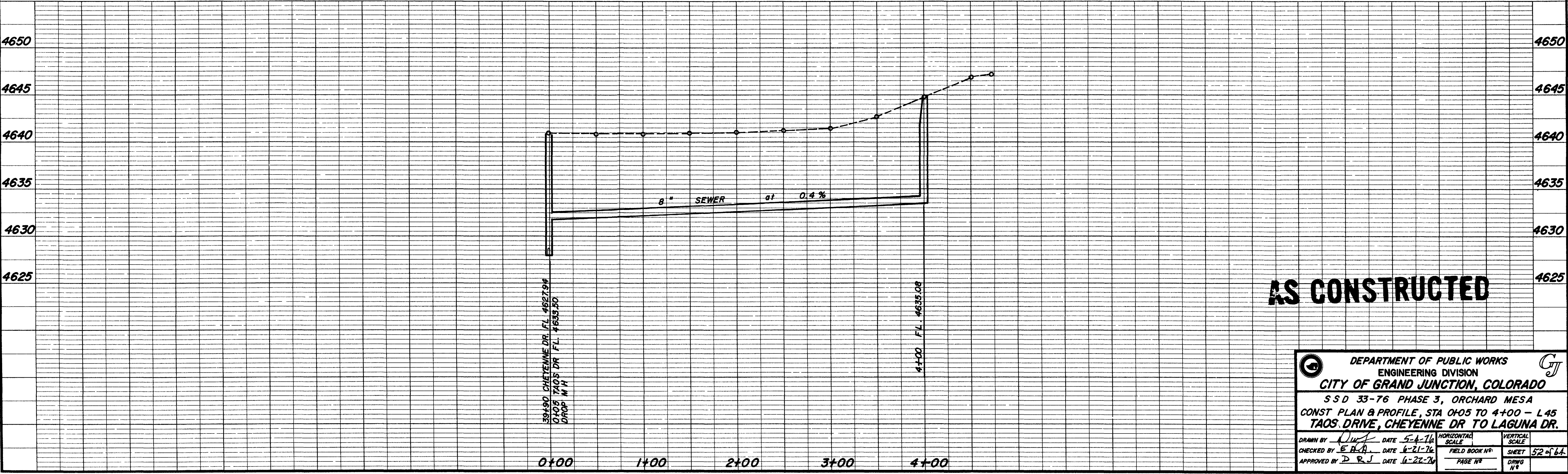
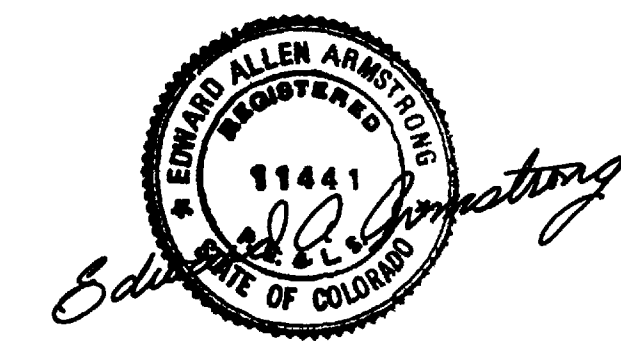
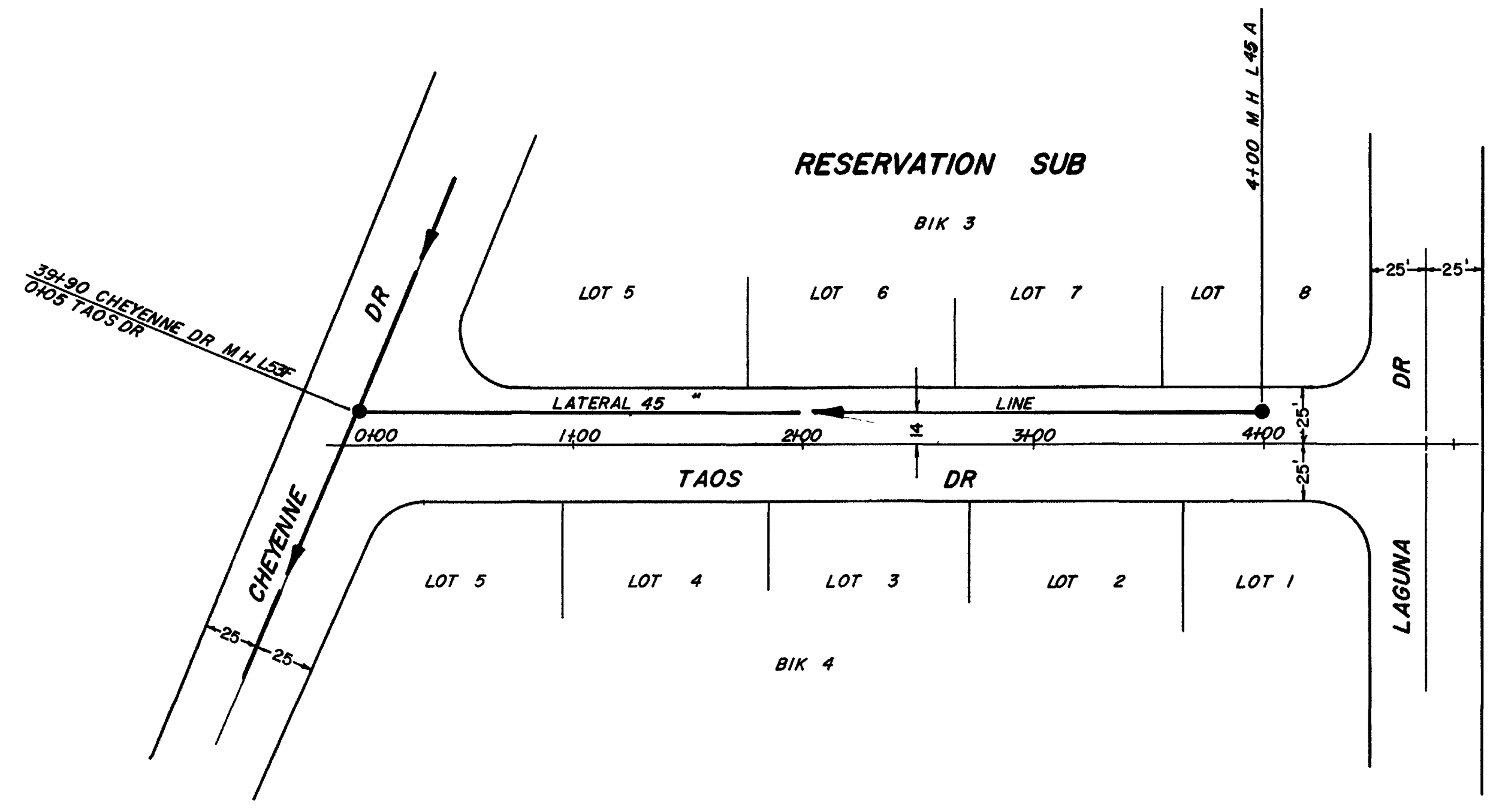
HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO	SHEET 50 of 64
PAGE NO	DWG NO



**AS CONSTRUCTED**

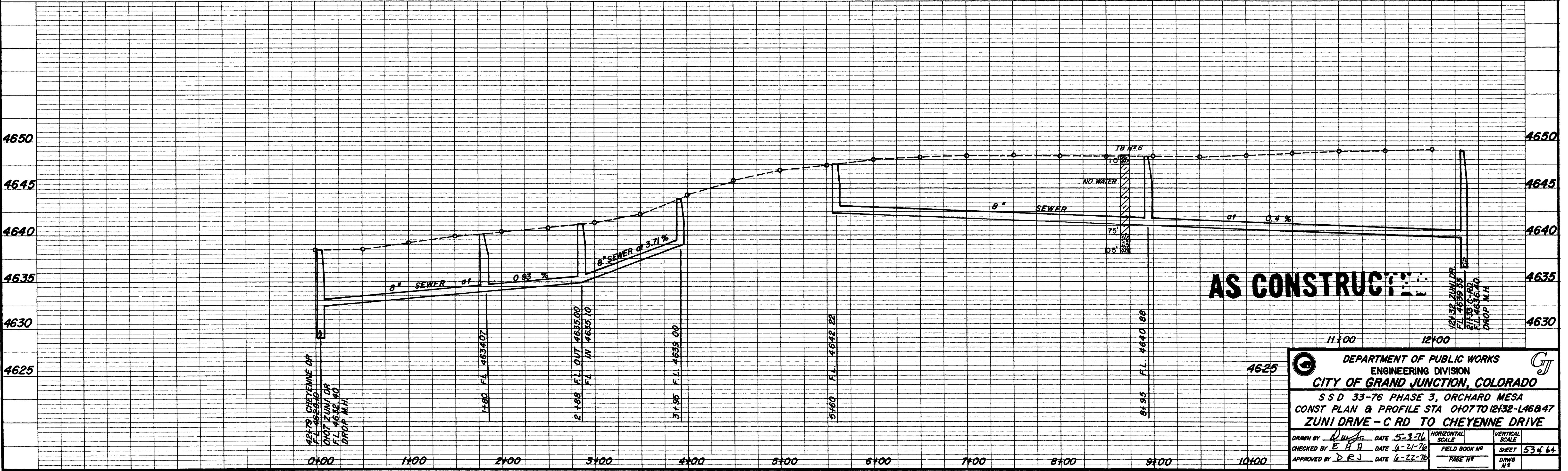
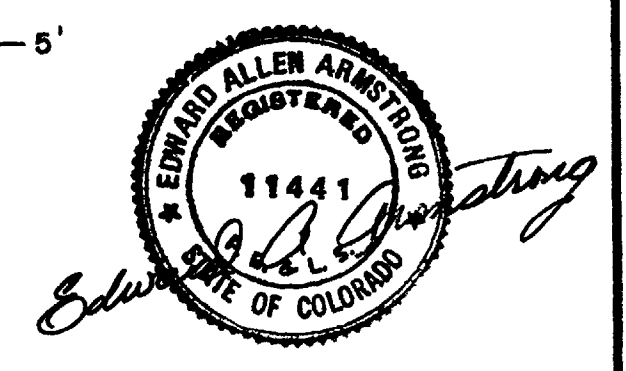
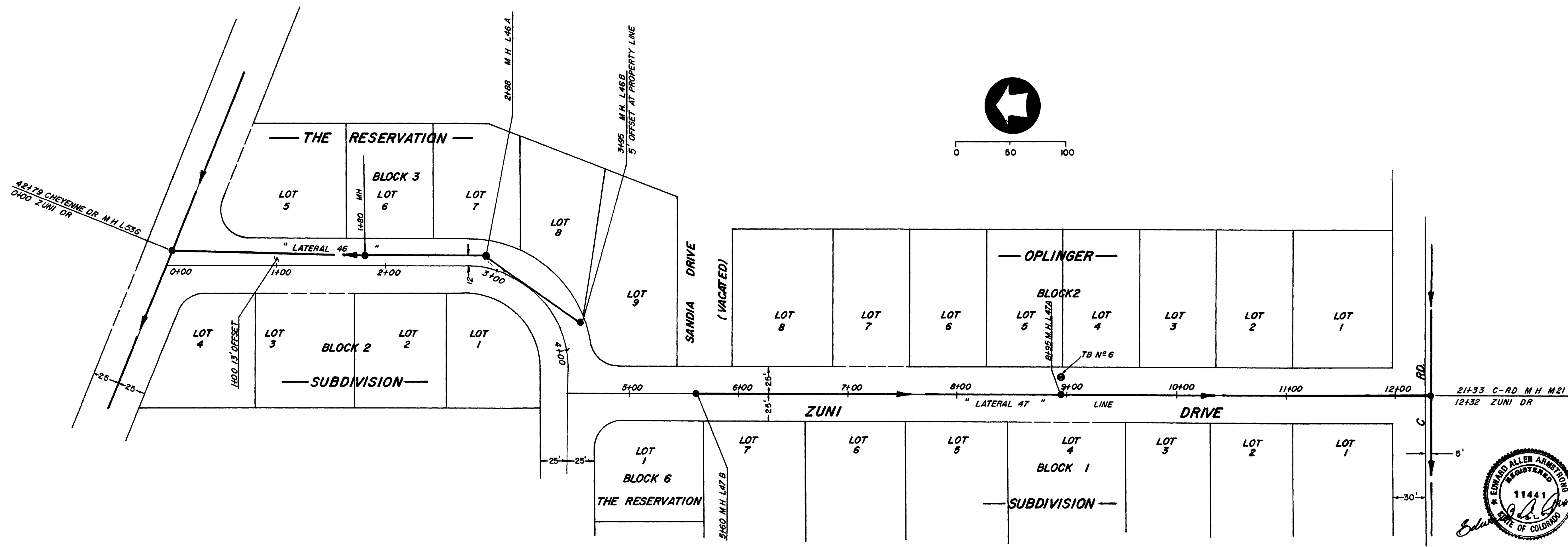
<b>DEPARTMENT OF PUBLIC WORKS</b> <b>ENGINEERING DIVISION</b> <b>CITY OF GRAND JUNCTION, COLORADO</b>			
S S D 33-75 PHASE 3, ORCHARD MESA <b>CONST PLAN &amp; PROFILE, STA 0+10 TO 5+44.7 - L44</b> <b>APACHE DRIVE, CHEYENNE DR TO LAGUNA DR.</b>			
DRAWN BY <i>DWJ</i> CHECKED BY <i>E R A</i> APPROVED BY <i>D R J</i>	DATE <i>5-4-76</i> DATE <i>6-21-76</i> DATE <i>6-22-76</i>	HORIZONTAL SCALE FIELD BOOK NO PAGE NO	VERTICAL SCALE SHEET DRAWG NO
		57 of 64	57 of 64





**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO			
SSD 33-76 PHASE 3, ORCHARD MESA CONST PLAN & PROFILE, STA 0+05 TO 4+00 - L45 TAOS DRIVE, CHEYENNE DR TO LAGUNA DR.			
DRAWN BY <i>DWA</i> CHECKED BY <i>E.B.A.</i> APPROVED BY <i>D.R.J.</i>	DATE <i>5-4-76</i> DATE <i>6-21-76</i> DATE <i>6-22-76</i>	HORIZONTAL SCALE FIELD BOOK NO. PAGE NO.	VERTICAL SCALE SHEET DRAWG NO.



**AS CONSTRUCTED**

11+00 12+00

4625 4630 4635 4640 4645 4650

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

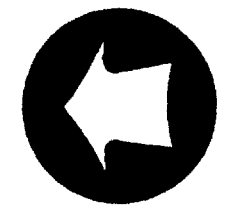
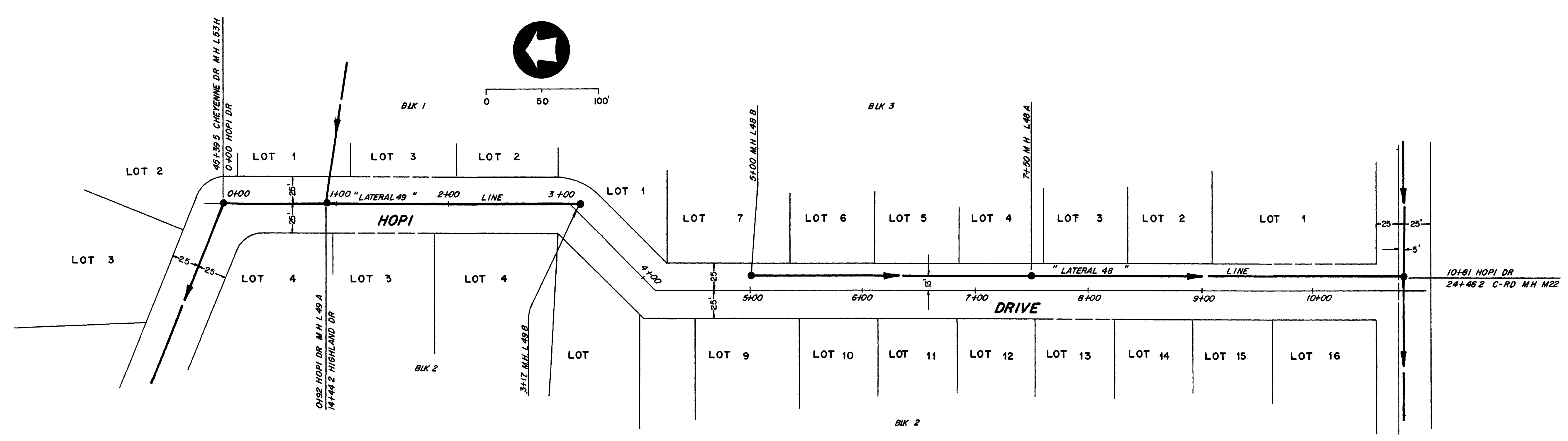
S S D 33-76 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE STA 0+07 TO 12+32-146847  
ZUNI DRIVE - C RD TO CHEYENNE DRIVE

DRAWN BY *[Signature]* DATE 5-3-76  
CHECKED BY E.A.A. DATE 6-21-76  
APPROVED BY D.E.J. DATE 6-22-76

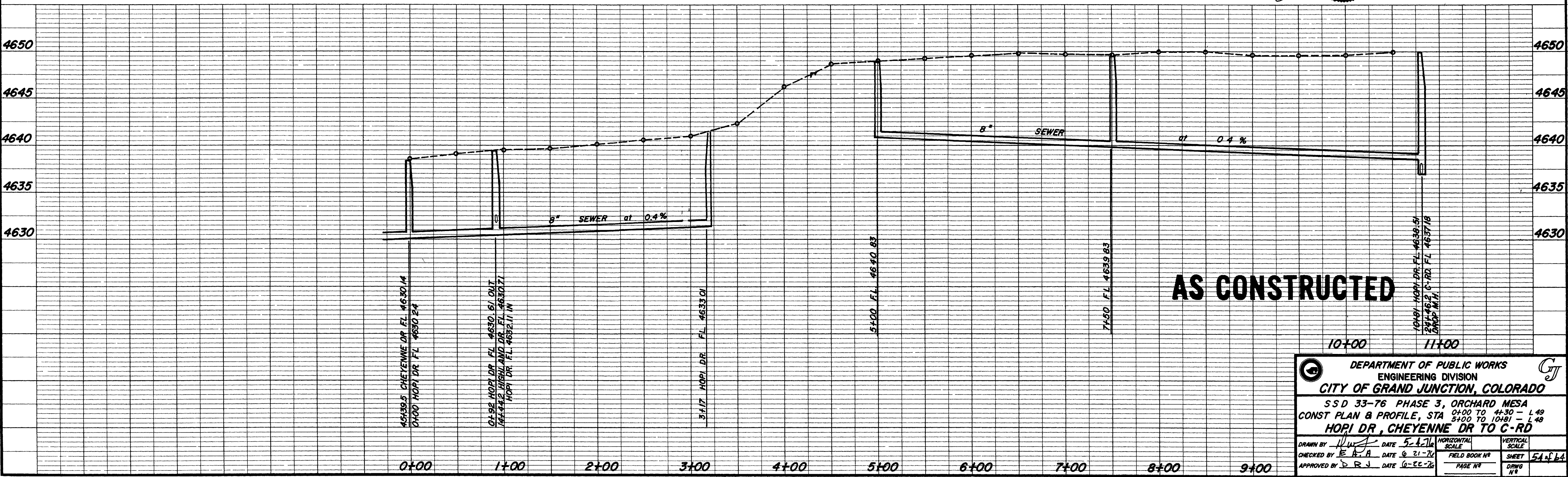
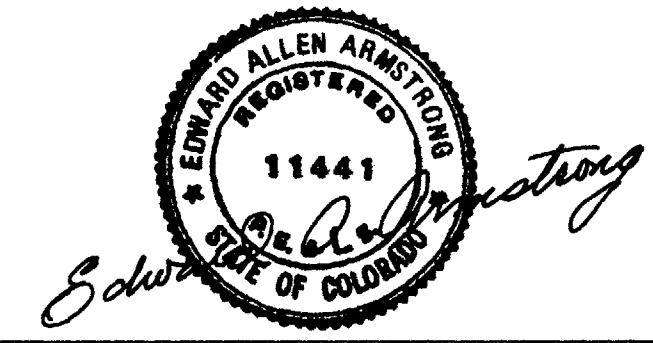
HORIZONTAL SCALE  
FIELD BOOK NO. \_\_\_\_\_  
PAGE NO. \_\_\_\_\_

VERTICAL SCALE  
SHEET 53 of 64  
DWG NO. \_\_\_\_\_





0 50 100'



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DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

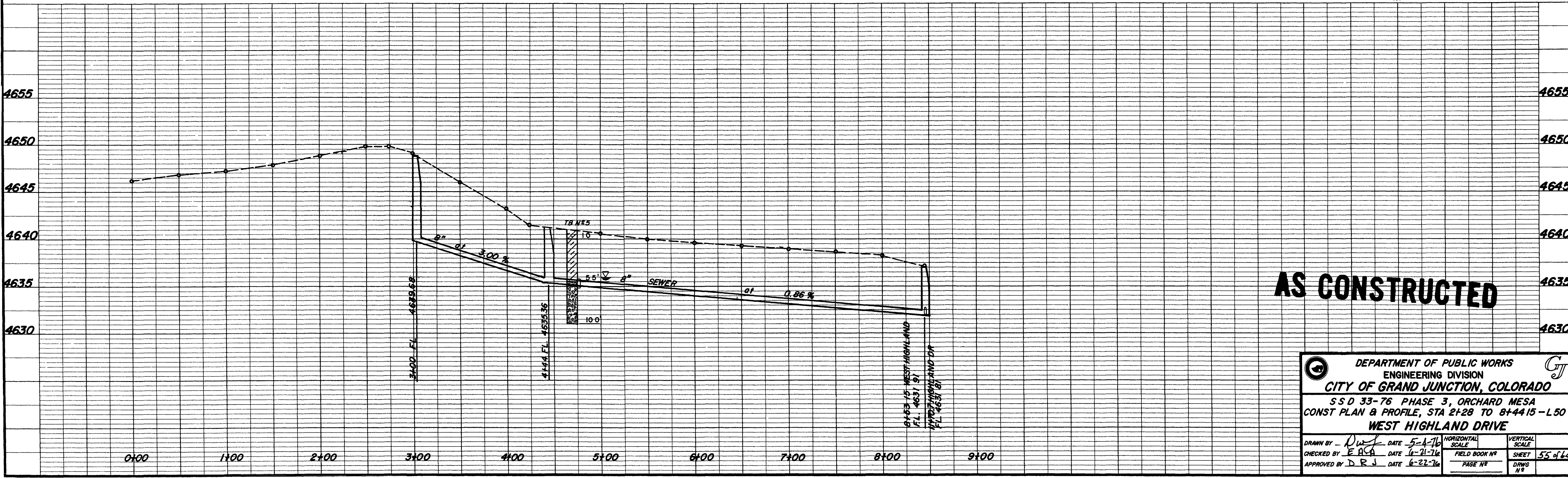
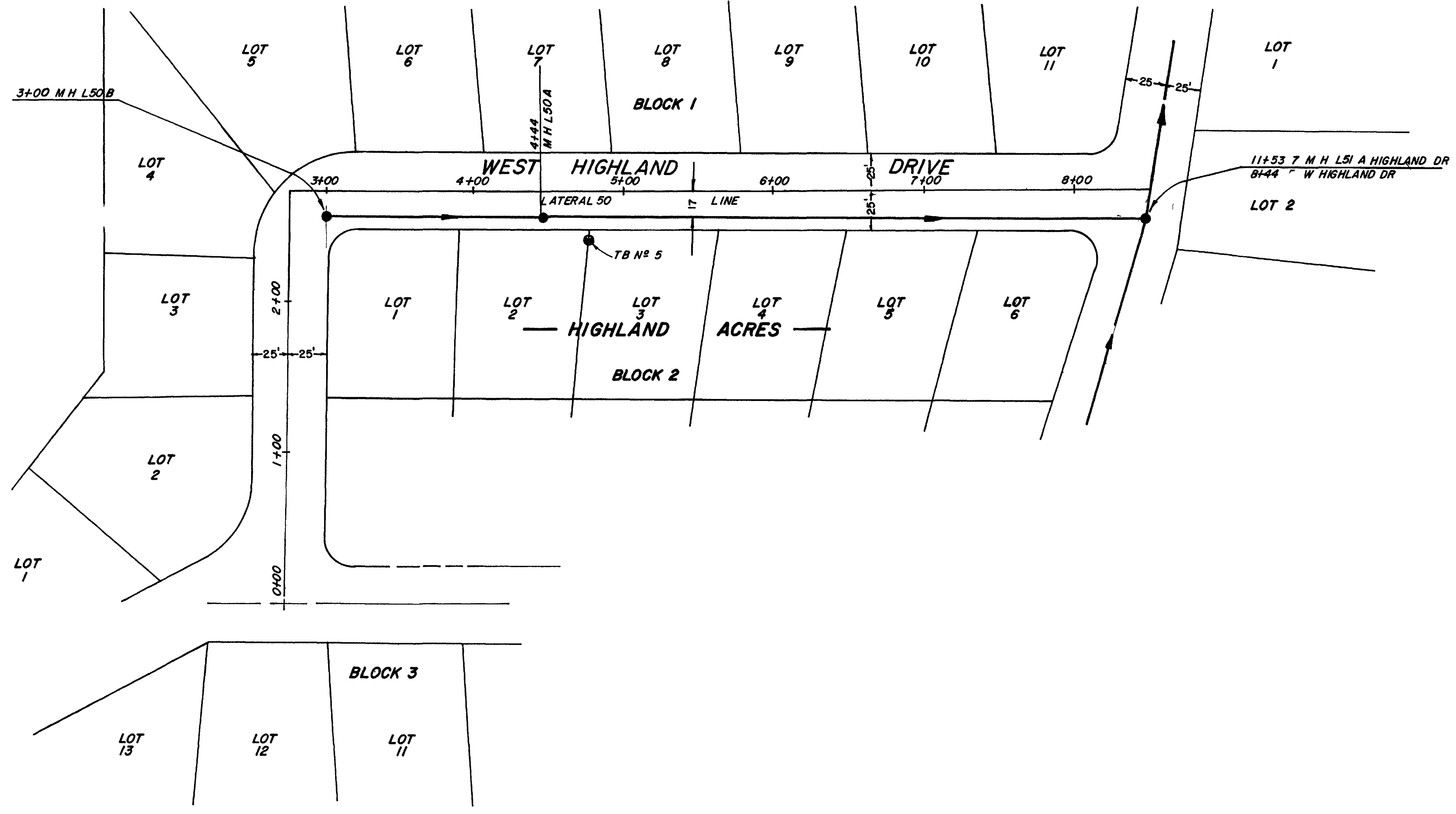
SSD 33-76 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE, STA 0+00 TO 4+30 - L 49  
HOPI DR, CHEYENNE DR TO C-RD

DRAWN BY: *[Signature]* DATE: 5-4-16  
CHECKED BY: E.B.A. DATE: 6-21-16  
APPROVED BY: D.R.J. DATE: 6-22-16

HORIZONTAL SCALE: 1" = 40'  
VERTICAL SCALE: 1" = 4'

FIELD BOOK NO. \_\_\_\_\_  
PAGE NO. \_\_\_\_\_  
SHEET 54 of 64  
DRAWING NO. \_\_\_\_\_





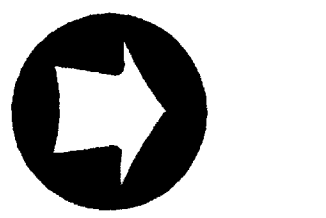
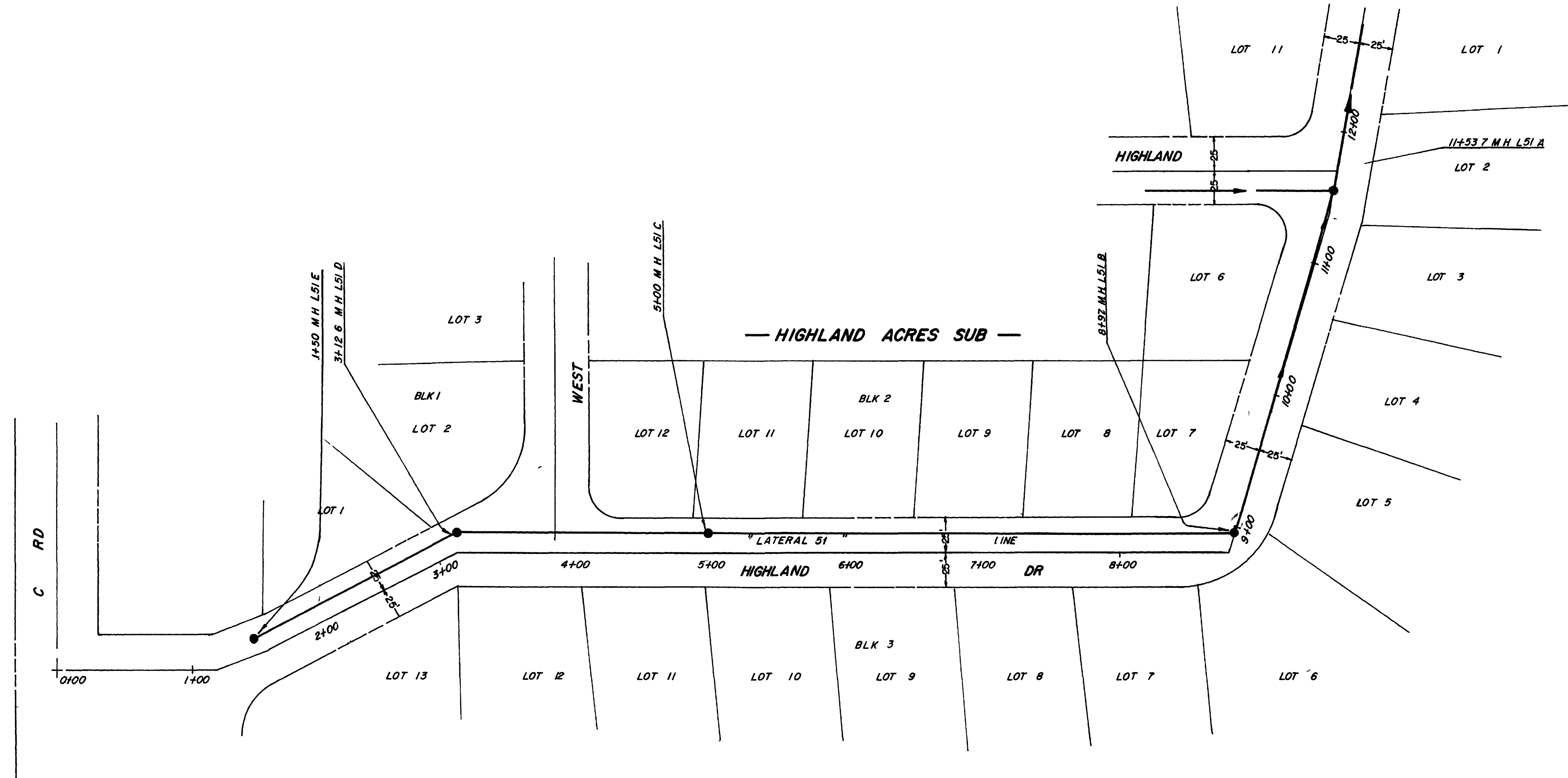
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

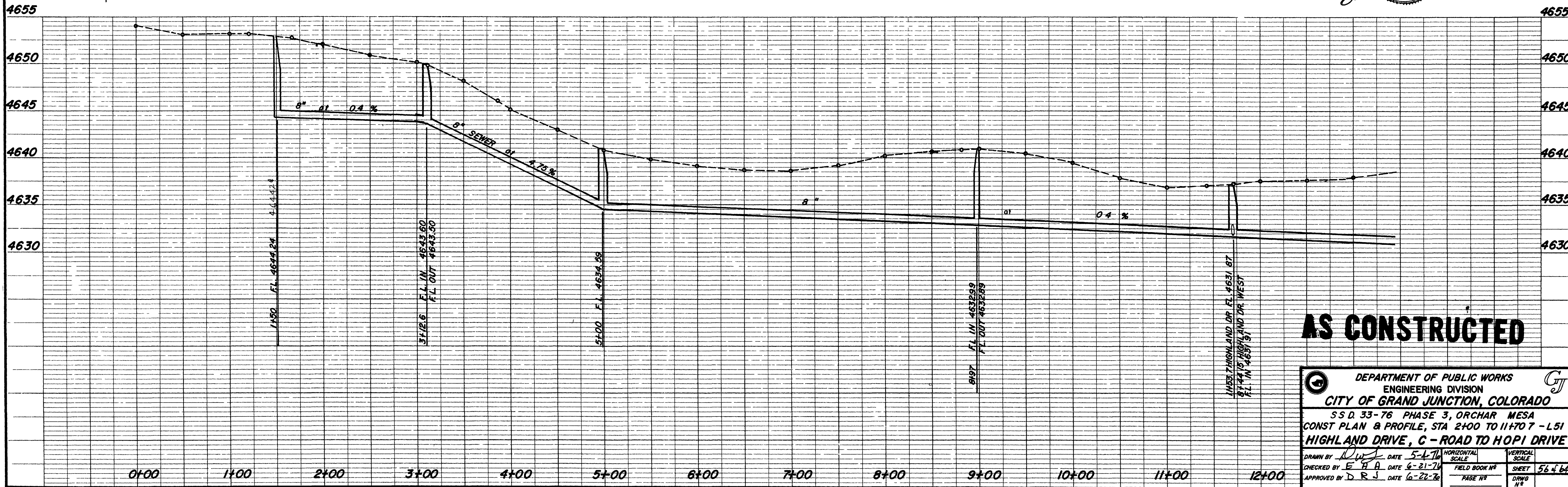
SSD 33-76 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE, STA 2+28 TO 8+44.15 - L50  
WEST HIGHLAND DRIVE

DRAWN BY: <i>DWA</i>	DATE: 5-1-76	HORIZONTAL SCALE:	VERTICAL SCALE:
CHECKED BY: <i>E.A.A.</i>	DATE: 6-21-76	FIELD BOOK NO:	SHEET: 55 of 64
APPROVED BY: <i>D.R.J.</i>	DATE: 6-22-76	PAGE NO:	DRWG NO:





0 50 100'



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DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

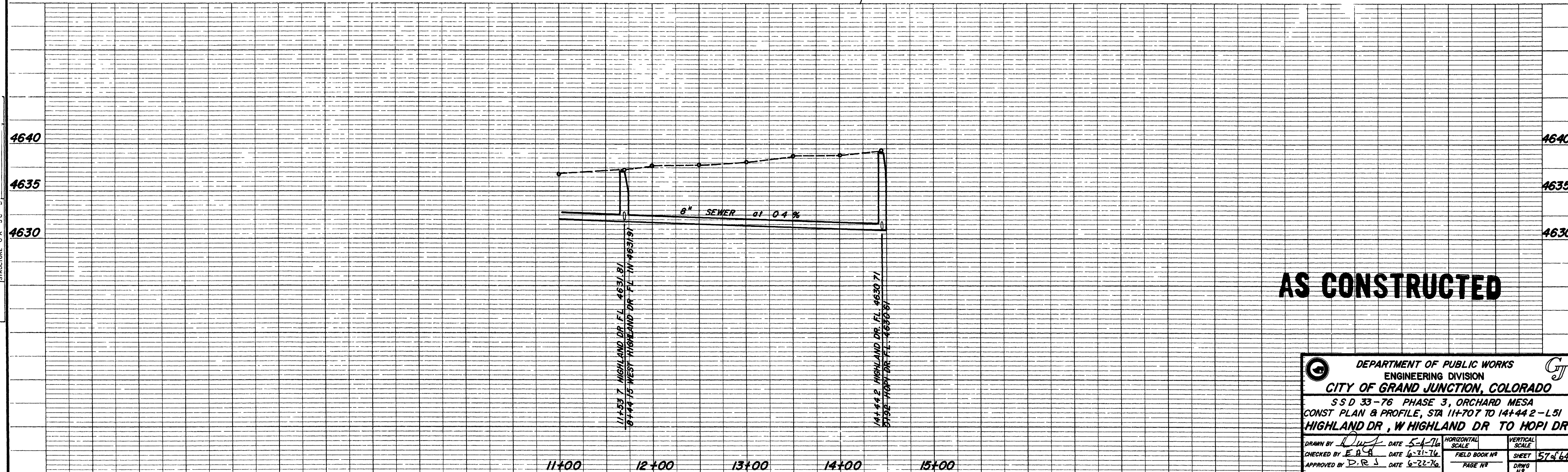
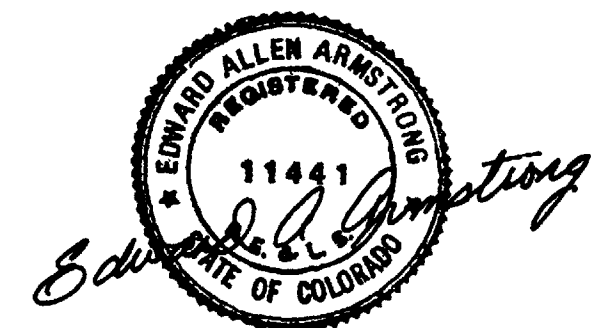
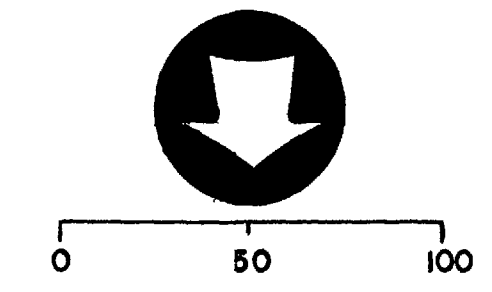
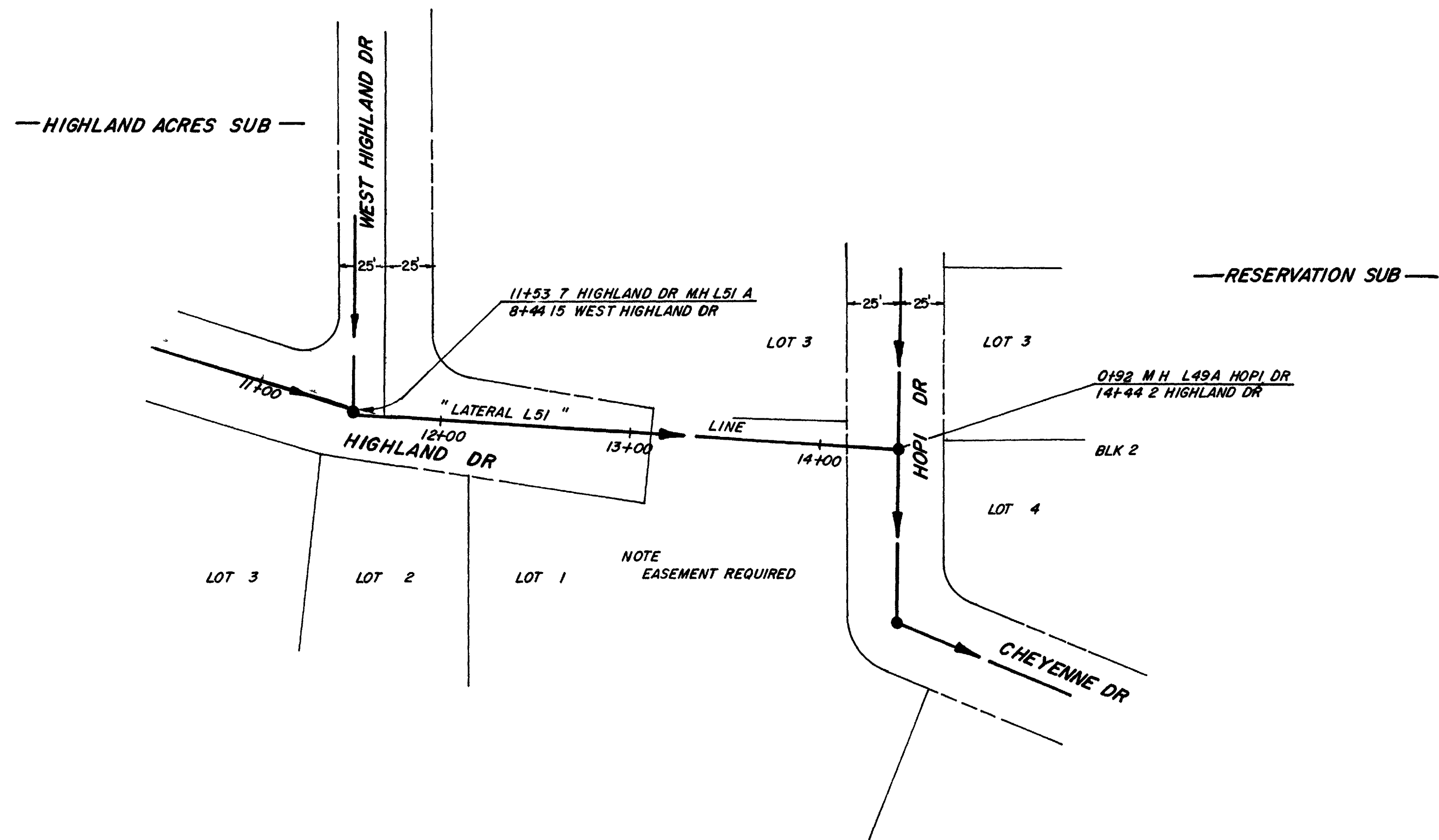
SS D. 33-76 PHASE 3, ORCHAR MESA  
CONST PLAN & PROFILE, STA 2+00 TO 11+707 - L51  
HIGHLAND DRIVE, C - ROAD TO HOPI DRIVE

DRAWN BY *[Signature]* DATE 5-4-76  
CHECKED BY E. H. A. DATE 6-21-76  
APPROVED BY D. R. J. DATE 6-22-76

HORIZONTAL SCALE  
FIELD BOOK NO. \_\_\_\_\_  
PAGE NO. \_\_\_\_\_

VERTICAL SCALE  
SHEET 56 of 64  
DRAWING NO. \_\_\_\_\_

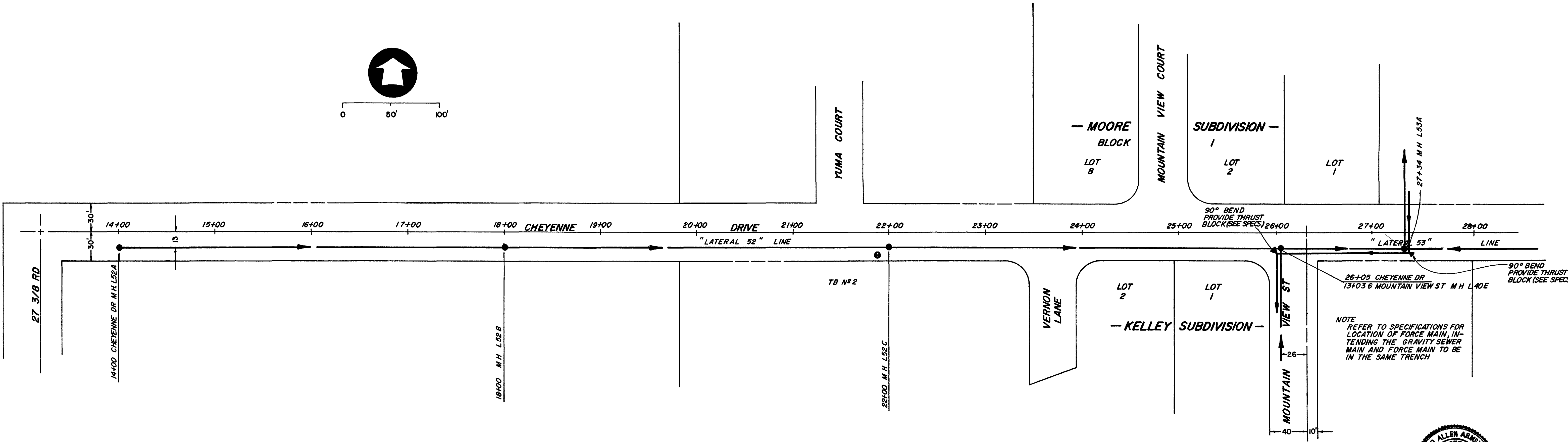
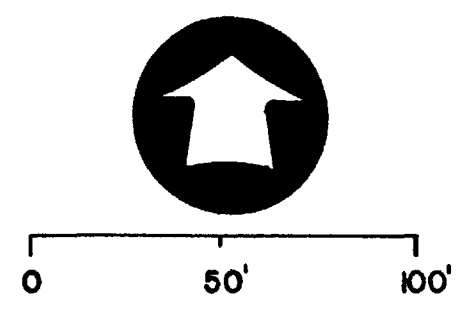




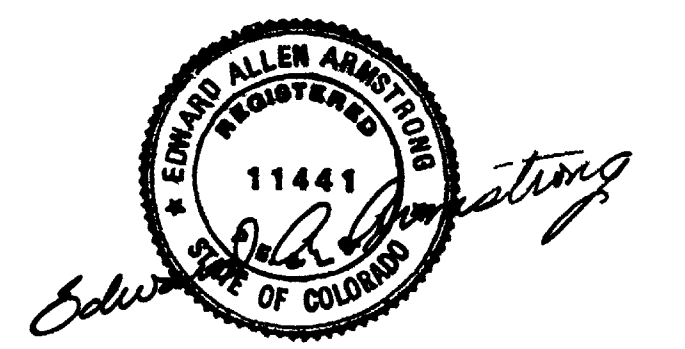
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO			
S S D 33-76 PHASE 3, ORCHARD MESA CONST PLAN & PROFILE, STA 11+707 TO 14+44 2-L51 HIGHLAND DR, W HIGHLAND DR TO HOP I DR			
DRAWN BY <i>D.R.J.</i> CHECKED BY <i>E.A.A.</i> APPROVED BY <i>D.R.J.</i>	DATE 5-4-76 DATE 6-21-76 DATE 6-22-76	HORIZONTAL SCALE FIELD BOOK NO PAGE NO	VERTICAL SCALE SHEET 57 of 64 DWG NO

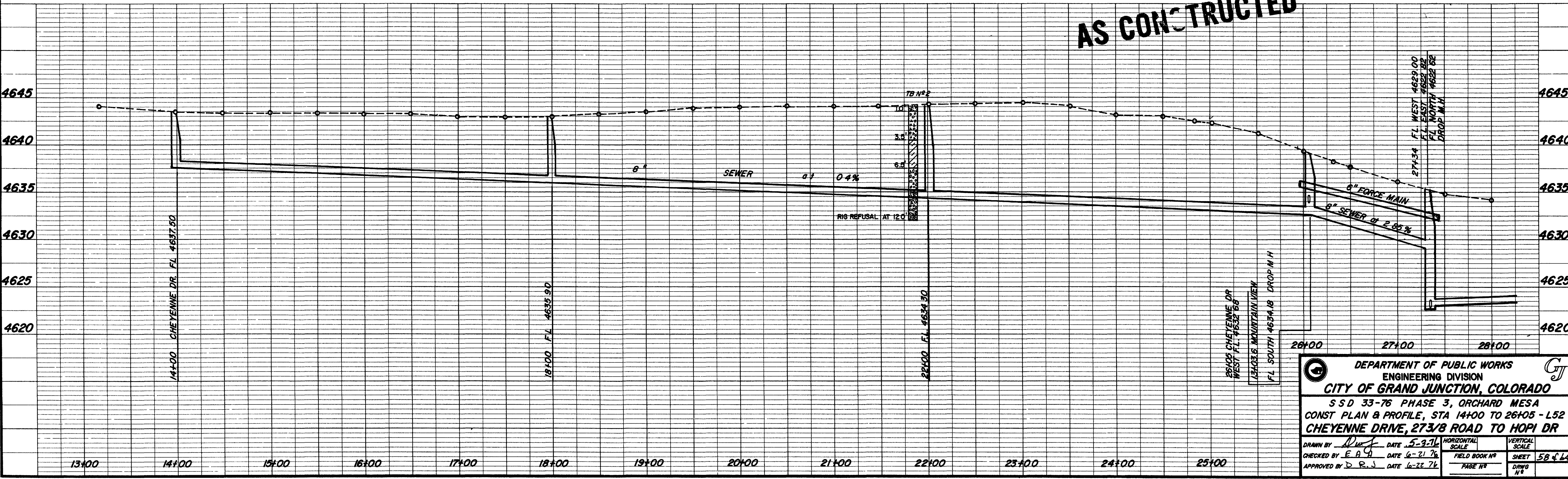




NOTE  
REFER TO SPECIFICATIONS FOR  
LOCATION OF FORCE MAIN, IN-  
TENDING THE GRAVITY SEWER  
MAIN AND FORCE MAIN TO BE  
IN THE SAME TRENCH



**AS CONSTRUCTED**



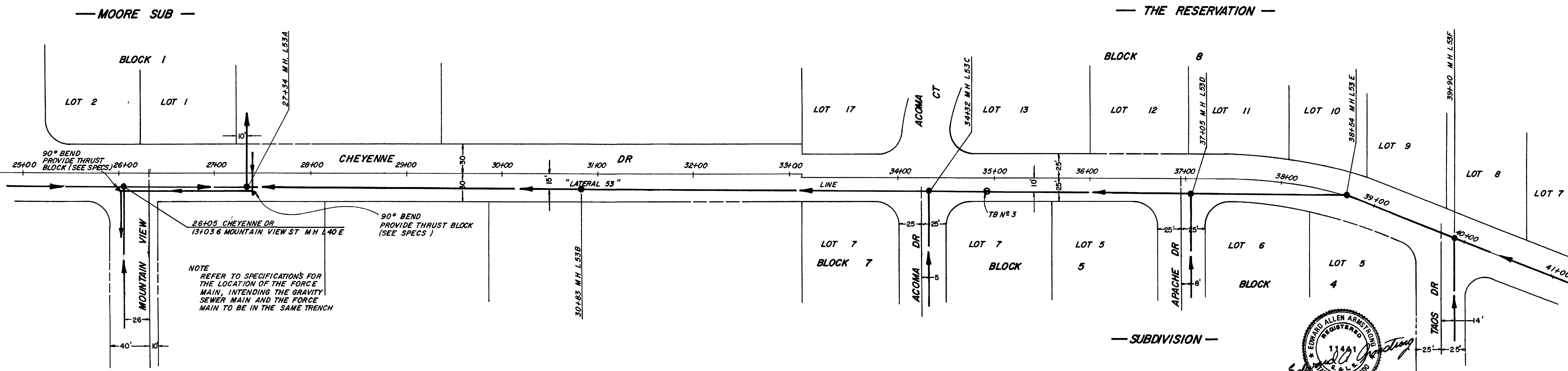
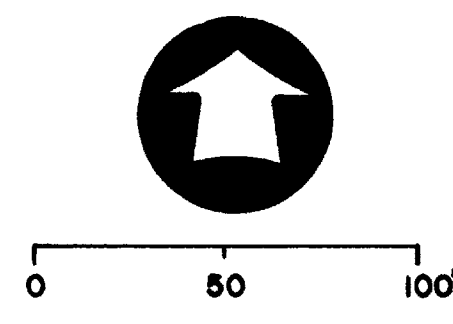
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
**CITY OF GRAND JUNCTION, COLORADO**

SSD 33-76 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE, STA 14+00 TO 26+05 - L52  
CHEYENNE DRIVE, 273/8 ROAD TO HOPI DR

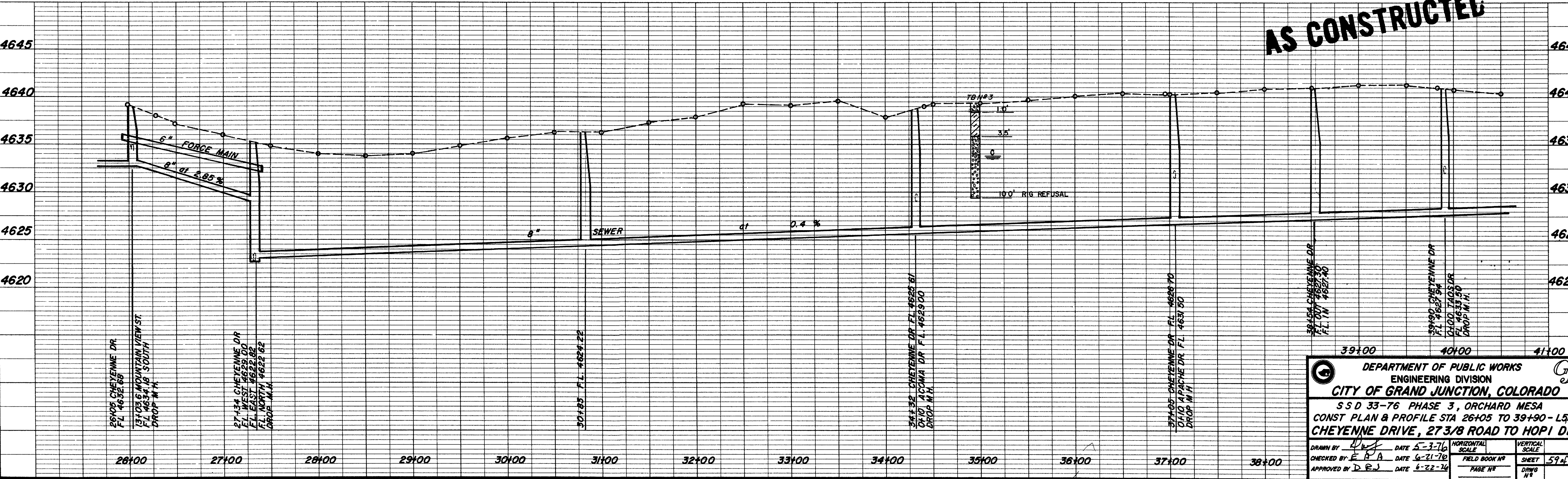
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CHECKED BY E.A.H. DATE 6-21-76 VERTICAL SCALE 1"=4'  
APPROVED BY D.R.J. DATE 6-22-76

FIELD BOOK NO. \_\_\_\_\_ SHEET 58 of 14  
PAGE NO. \_\_\_\_\_ DWG NO. \_\_\_\_\_





**AS CONSTRUCTED**



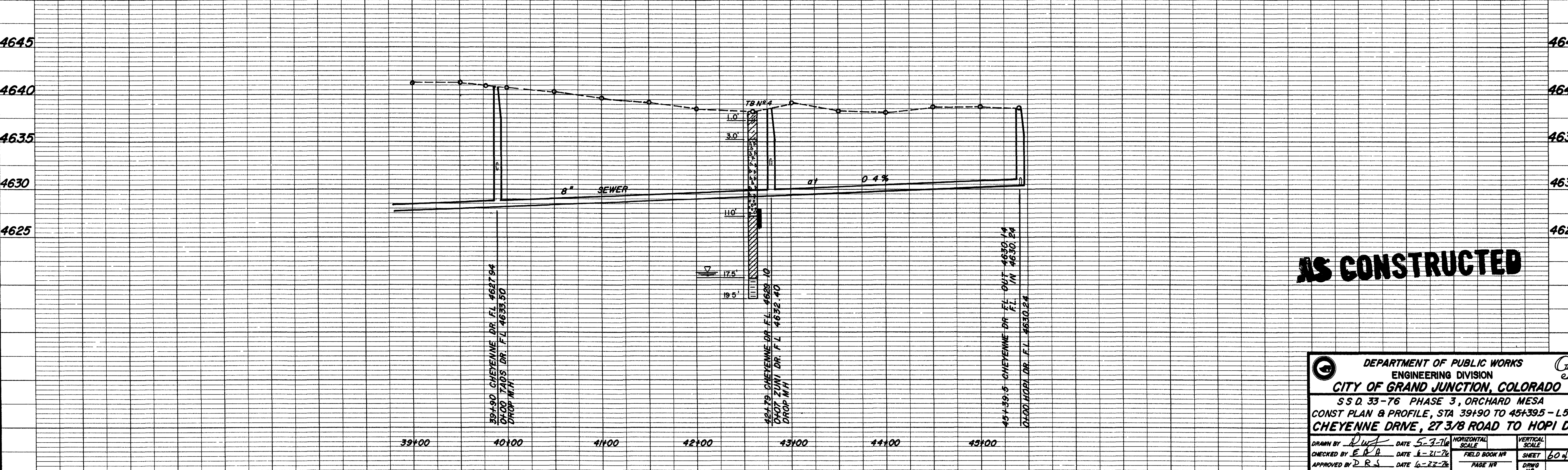
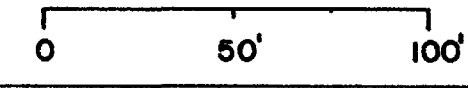
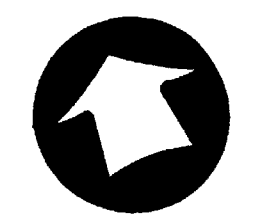
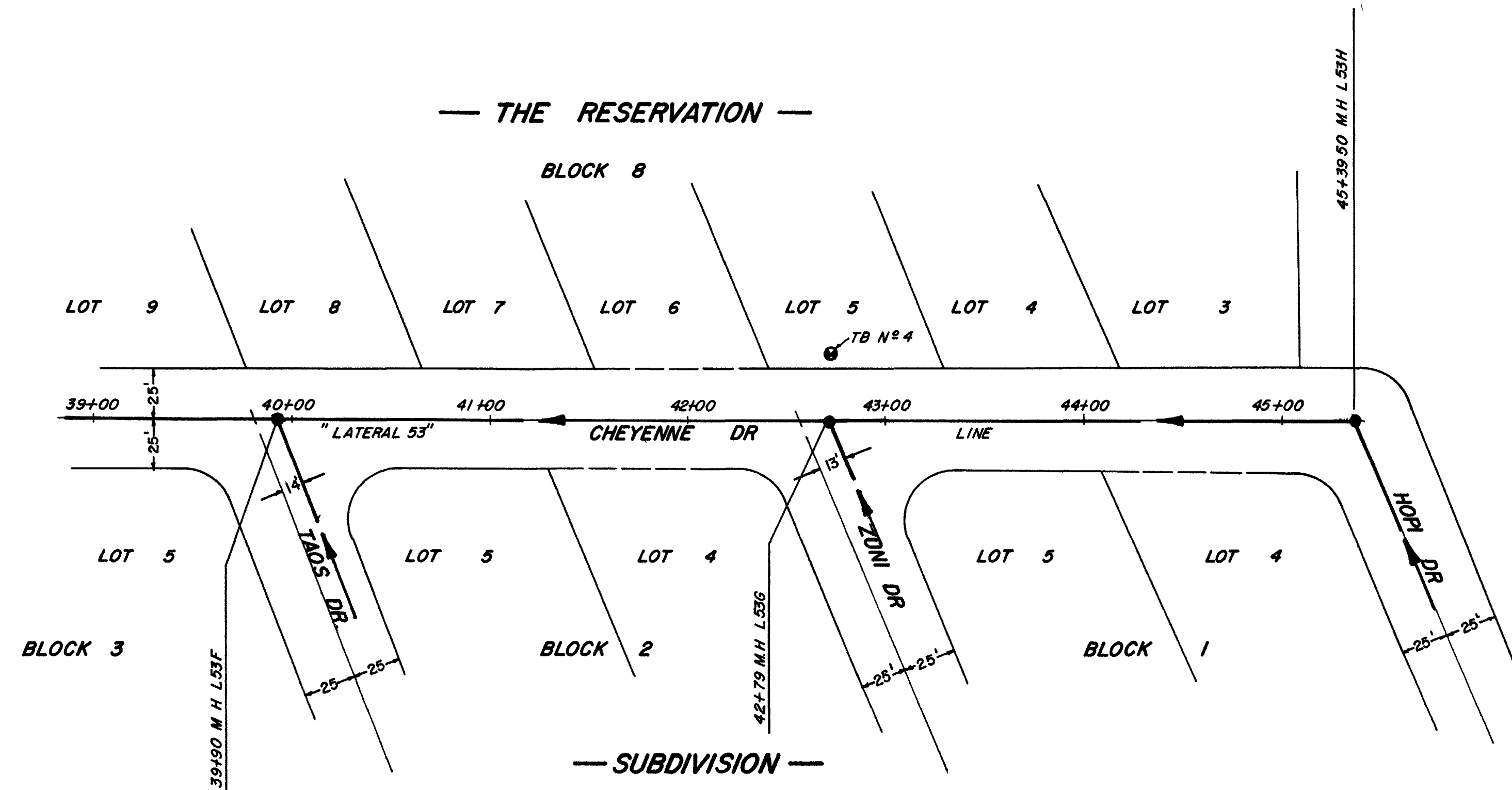
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

SSD 33-76 PHASE 3, ORCHARD MESA  
CONST PLAN & PROFILE STA 26+05 TO 39+90 - L53  
CHEYENNE DRIVE, 27 3/8 ROAD TO HOP I DR

DRAWN BY *[Signature]* DATE 5-3-76  
CHECKED BY E.B.A. DATE 6-21-76  
APPROVED BY D.E.J. DATE 6-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK #	SHEET 59464
PAGE #	DWG #





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DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

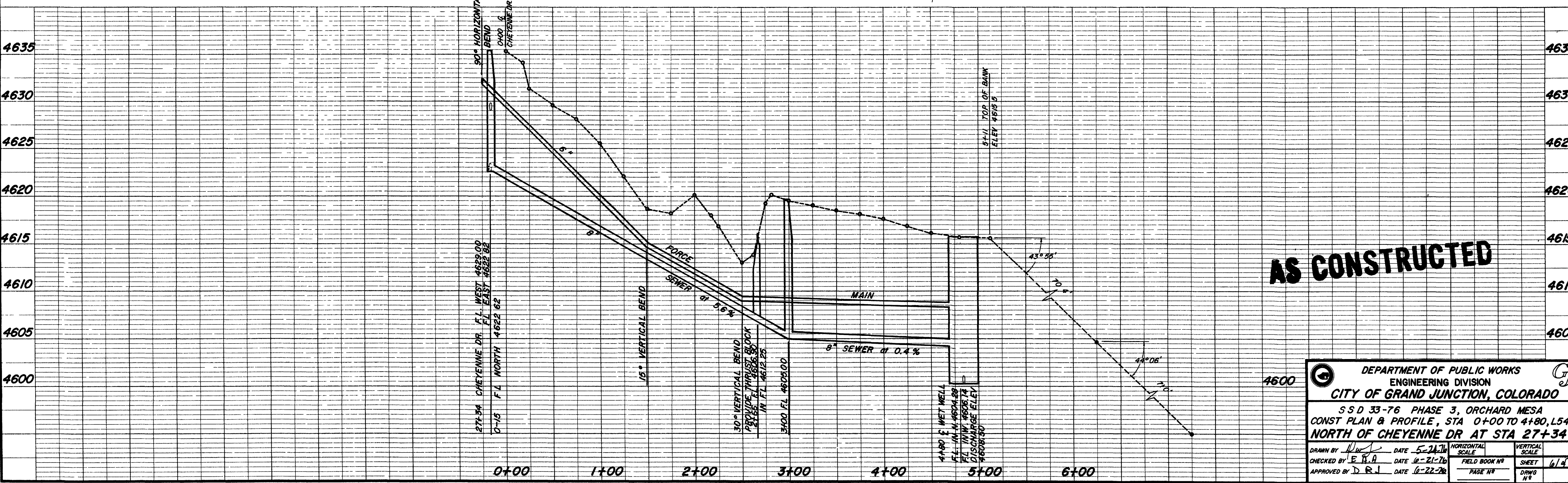
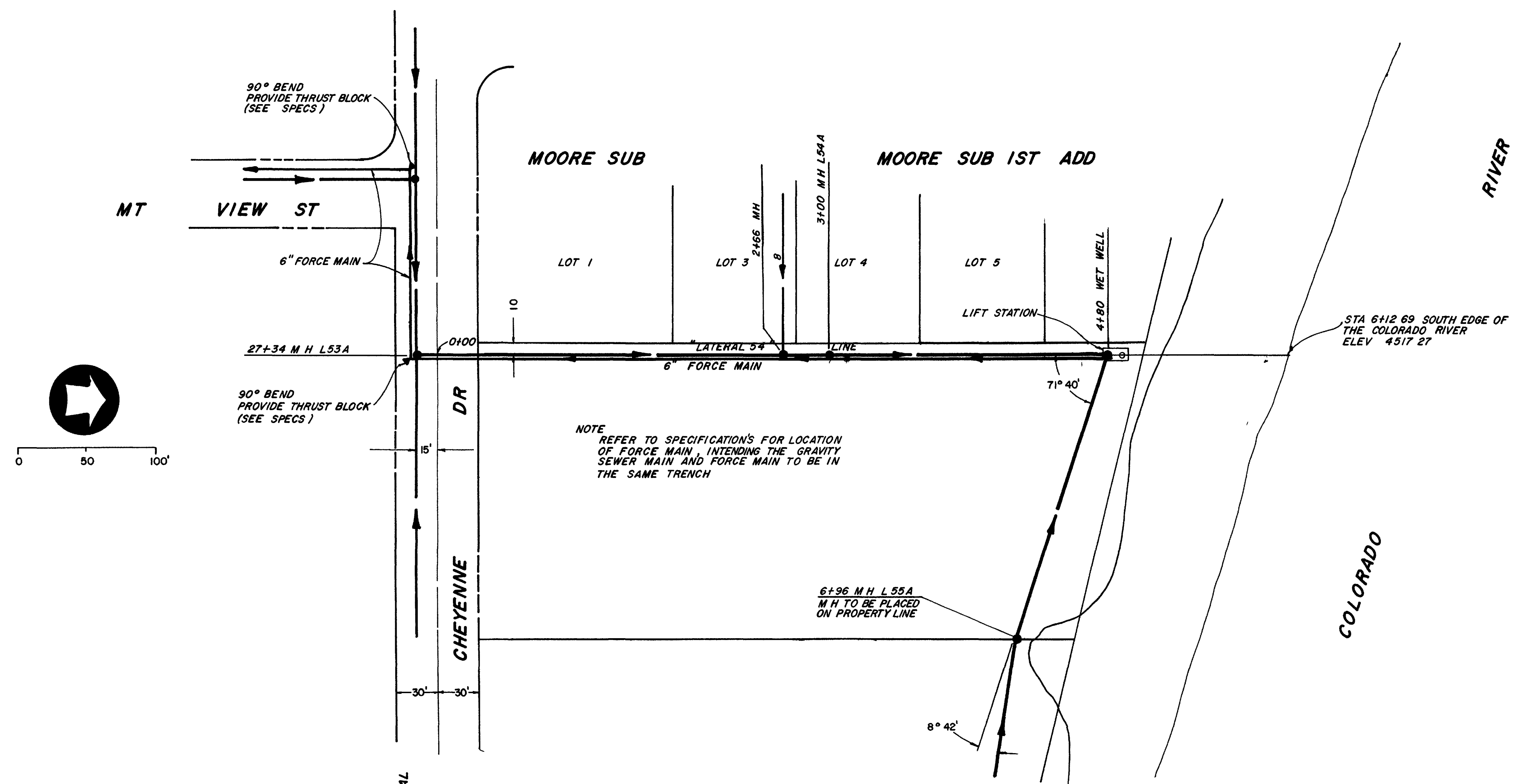
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CONST PLAN & PROFILE, STA 39+90 TO 45+39.5 - L53  
CHEYENNE DRIVE, 27 3/8 ROAD TO HOPI DR

DRAWN BY *DJA* DATE 5-7-76  
CHECKED BY *E.R.A.* DATE 6-21-76  
APPROVED BY *D.R.S.* DATE 6-22-76

HORIZONTAL SCALE	VERTICAL SCALE
FIELD BOOK NO.	SHEET NO.
PAGE NO.	DWG NO.

60 of 64





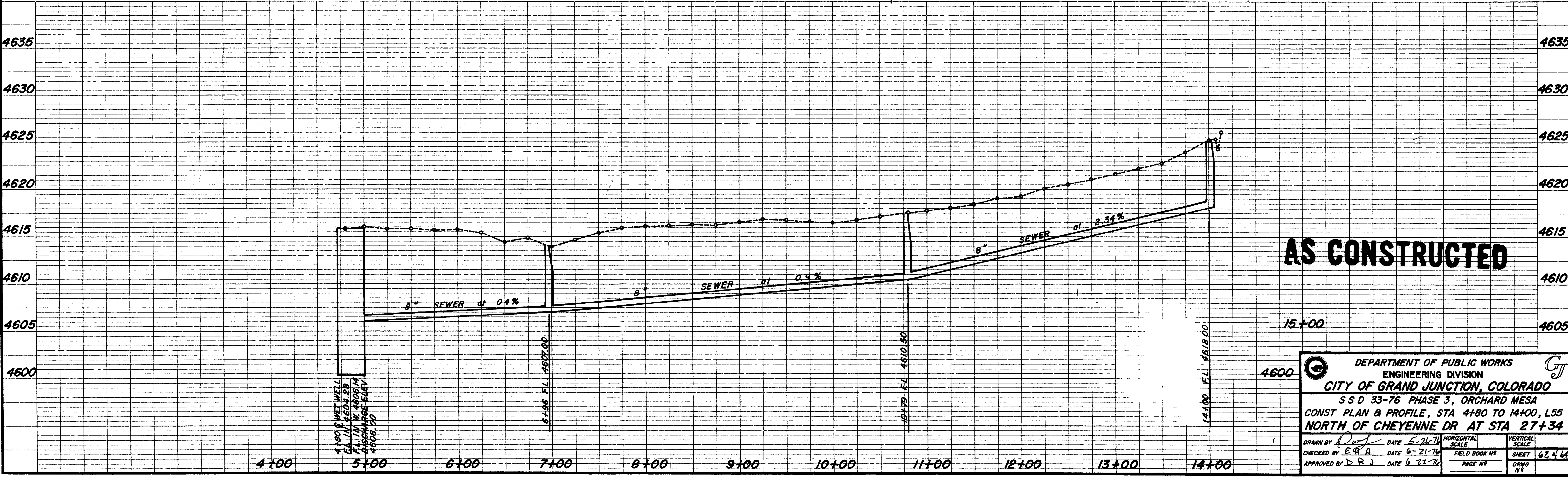
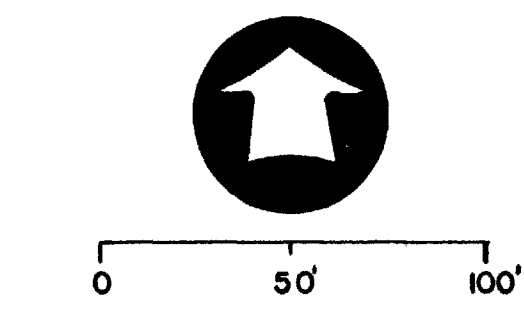
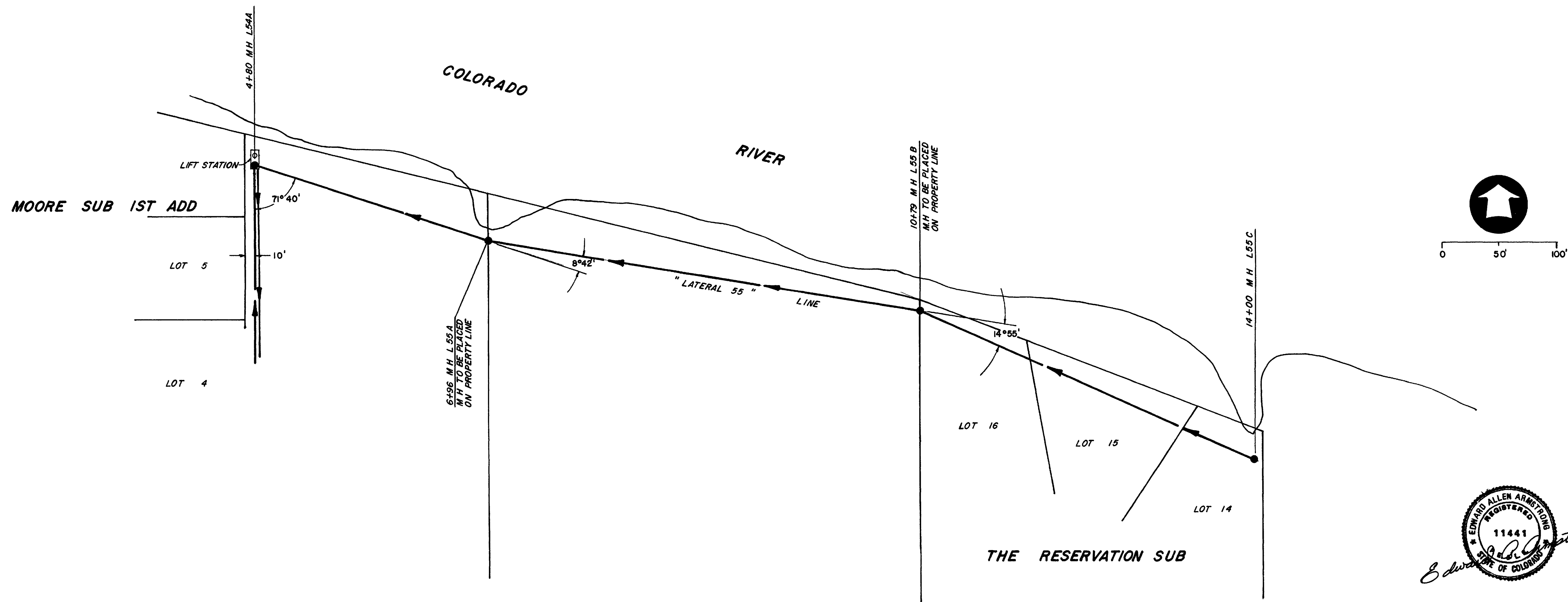
**AS CONSTRUCTED**

DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 CITY OF GRAND JUNCTION, COLORADO

SSD 33-76 PHASE 3, ORCHARD MESA  
 CONST PLAN & PROFILE, STA 0+00 TO 4+80, L54  
 NORTH OF CHEYENNE DR AT STA 27+34

DRAWN BY <i>[Signature]</i>	DATE 5-26-76	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY E.A.A.	DATE 6-21-76	FIELD BOOK NO	SHEET 6/464
APPROVED BY D.R.J.	DATE 6-22-76	PAGE NO	DRWG NO

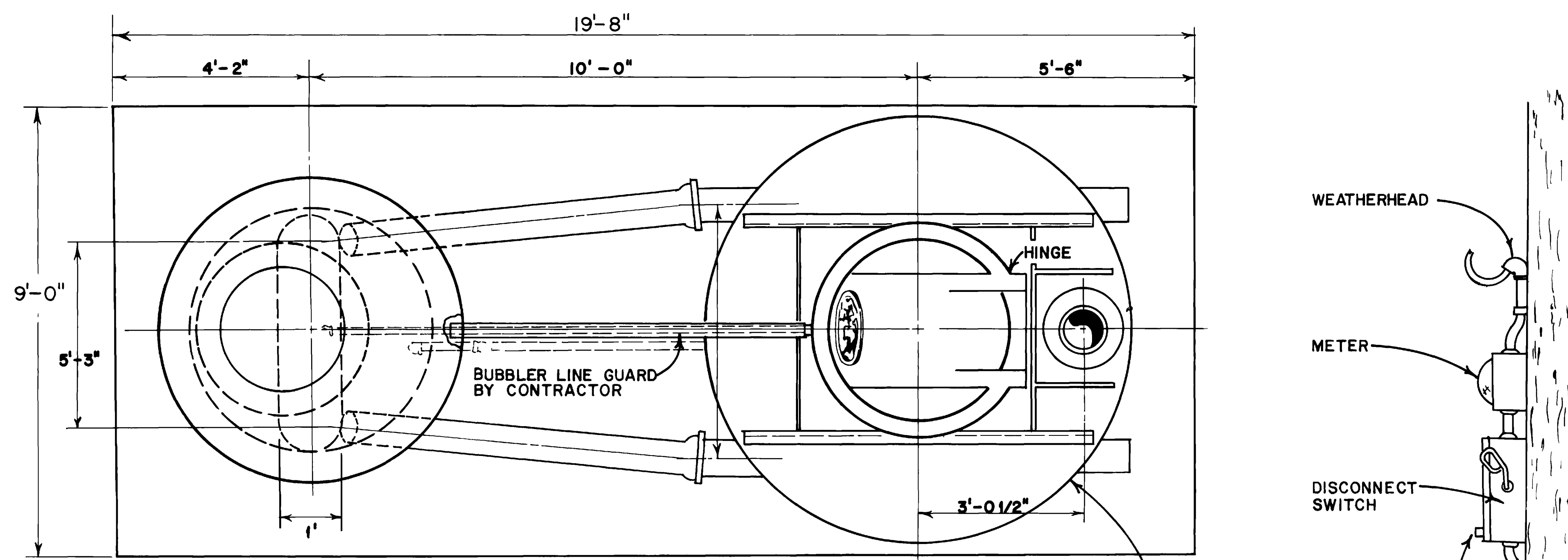




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DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO			
S S D 33-76 PHASE 3, ORCHARD MESA NORTH OF CHEYENNE DR AT STA 27+34			
DRAWN BY <i>[Signature]</i> CHECKED BY <i>E.A.</i> APPROVED BY <i>[Signature]</i>	DATE 5-26-76 DATE 6-21-76 DATE 6-22-76	HORIZONTAL SCALE FIELD BOOK NO PAGE NO	VERTICAL SCALE SHEET NO DRAWG NO

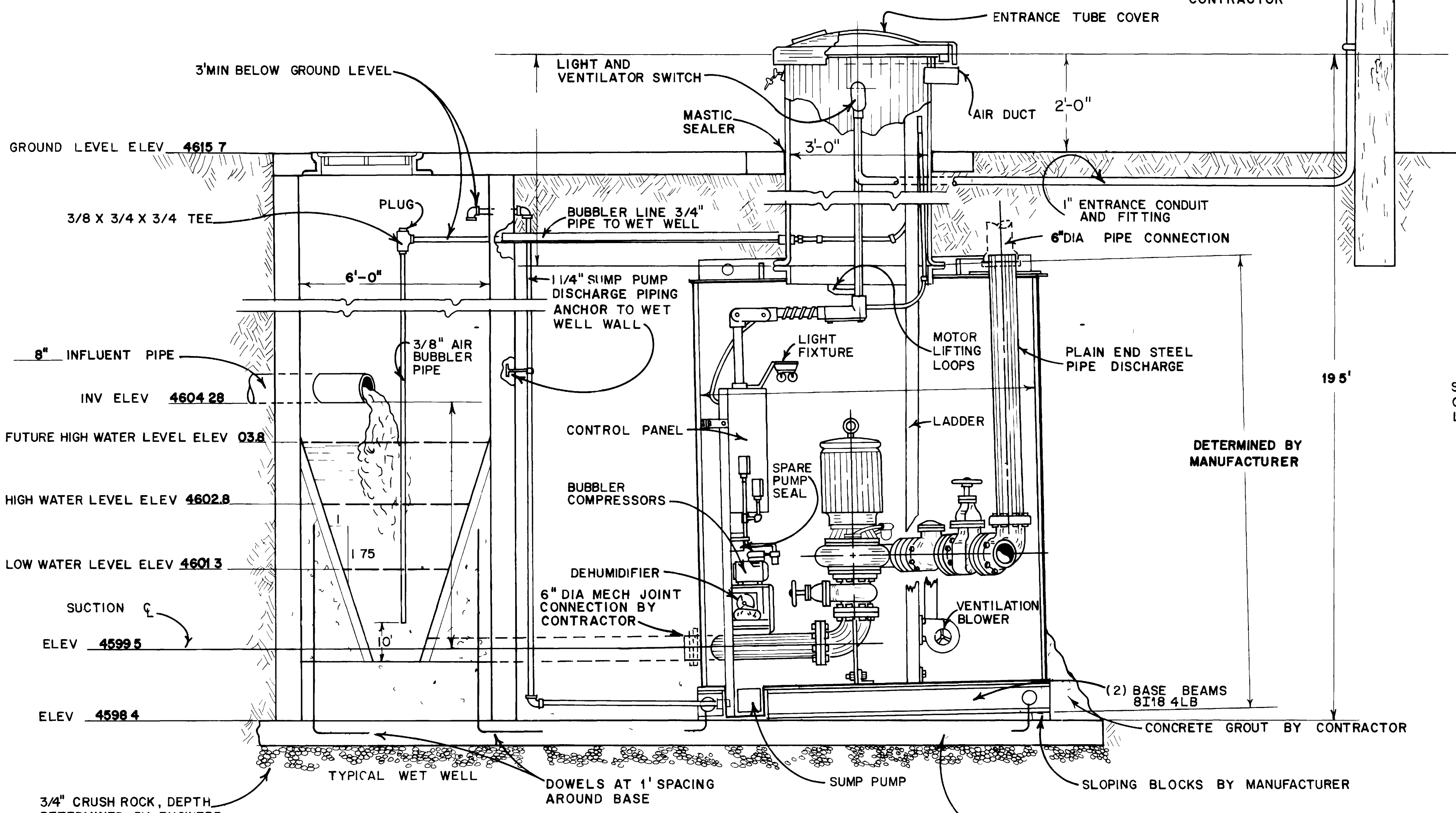
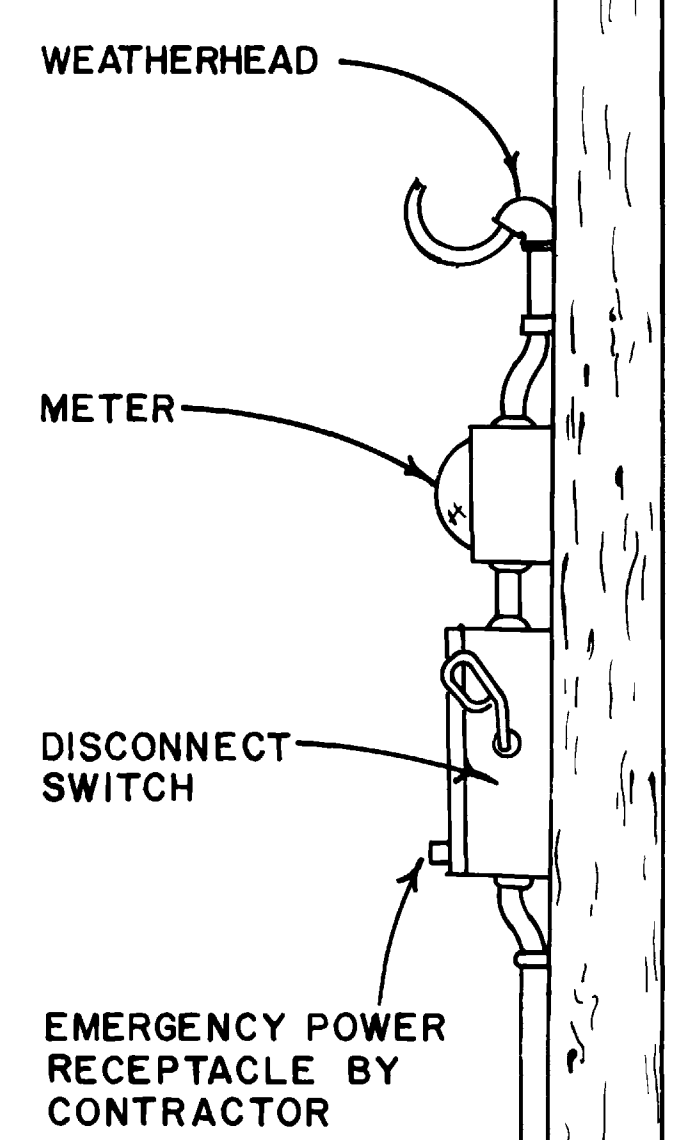
02-113-63 A1



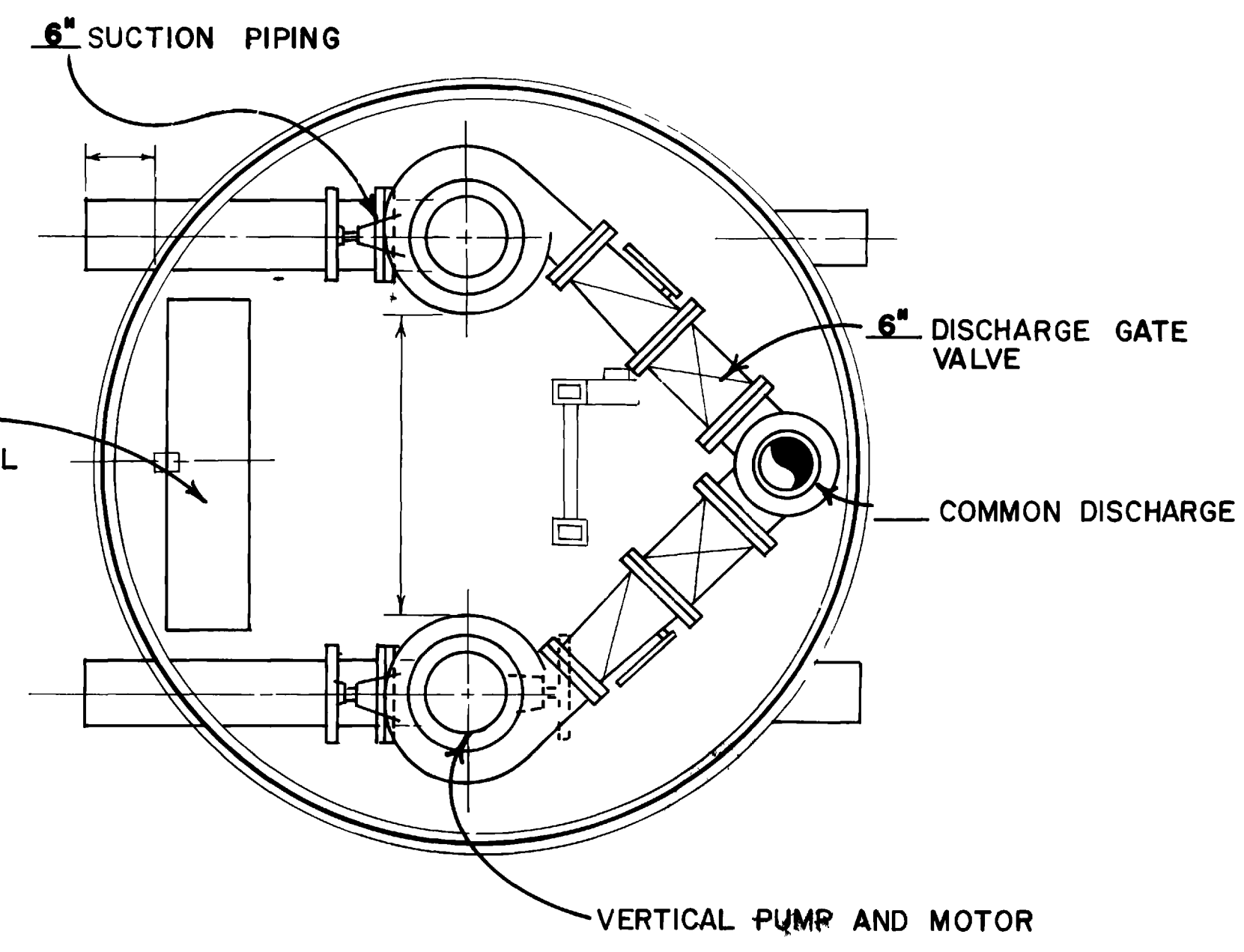
**SETTING PLAN**

**NOTES.**

- 1 IF DANGER OF EARTH SETTLEMENT EXISTS THE BUBBLER LINE SHOULD BE PROTECTED AGAINST SETTLEMENT A CLIP ANGLE SHALL BE PROVIDED TO SUPPORT STATION END OF GUARD
- 2 STATION DESIGN CHARACTERISTICS  
4" SUCTION, 4" COMMON PIPE SIZE, 6" DISCHARGE,  
2 PUMPS, 260 GPM, AT 50 TDH (MAX)
- 3 SUCTION PIPE, SUMP PUMP, DISCHARGE PIPE, BUBBLER LINE PIPE AND FEEDER LINE CONDUIT AND FORCE MAIN TO BE INSTALLED AND CONNECTED TO PUMP STATION BY CONTRACTOR
- 4 DIMENSIONS NOT SHOWN SHALL BE DETERMINED BY MANUFACTURE
- 5 THE CONTRACTOR SHALL APPLY A COAT OF EPOXY RESIN (FURNISHED) TO ALL EXTERNAL PIPING AND SCRATCHES ON THE SURFACE OF LIFT STATION BEFORE BACKFILLING



**ELEVATION CROSS SECTION**



**STATION PLAN**



DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
**CITY OF GRAND JUNCTION, COLORADO**

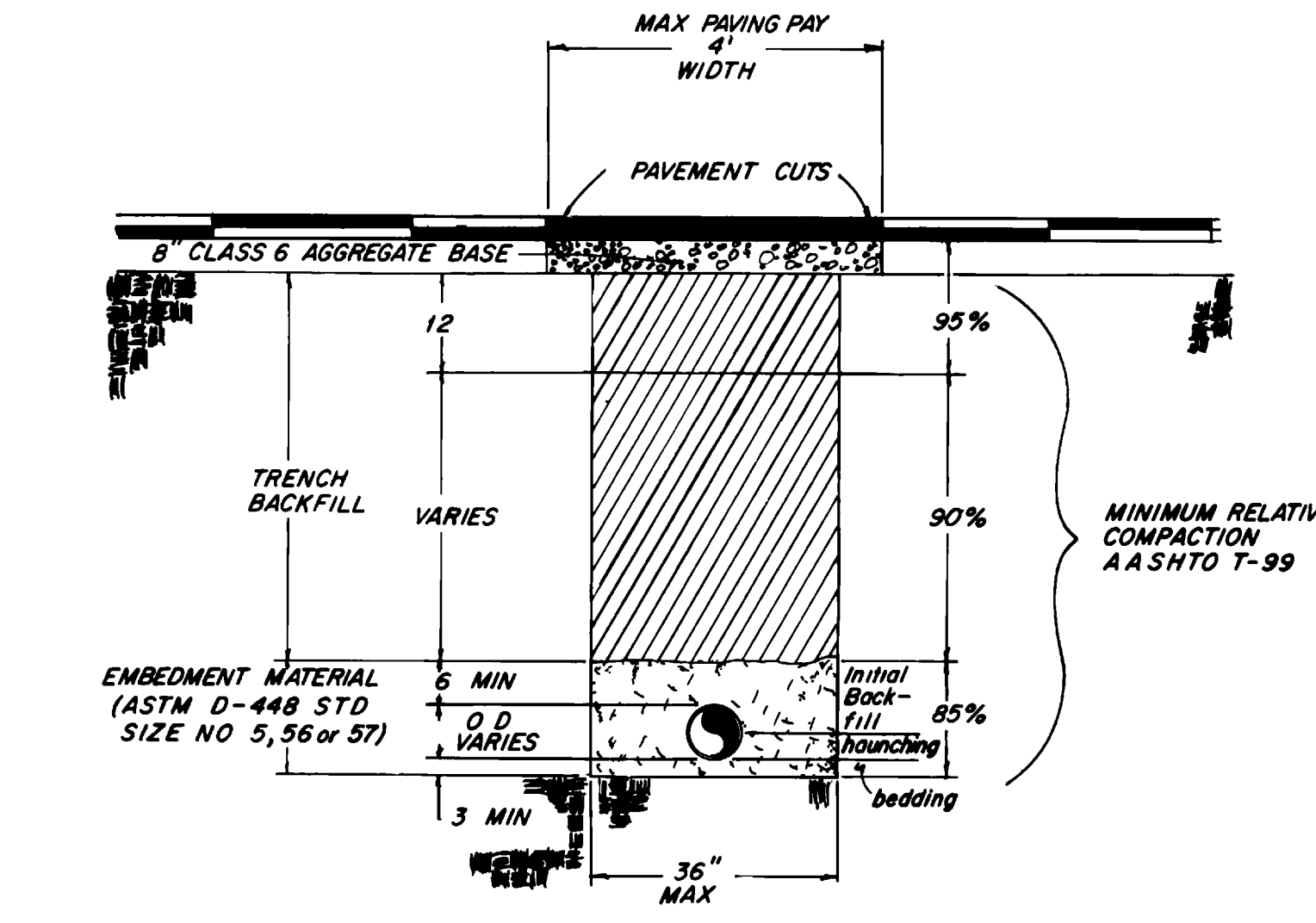
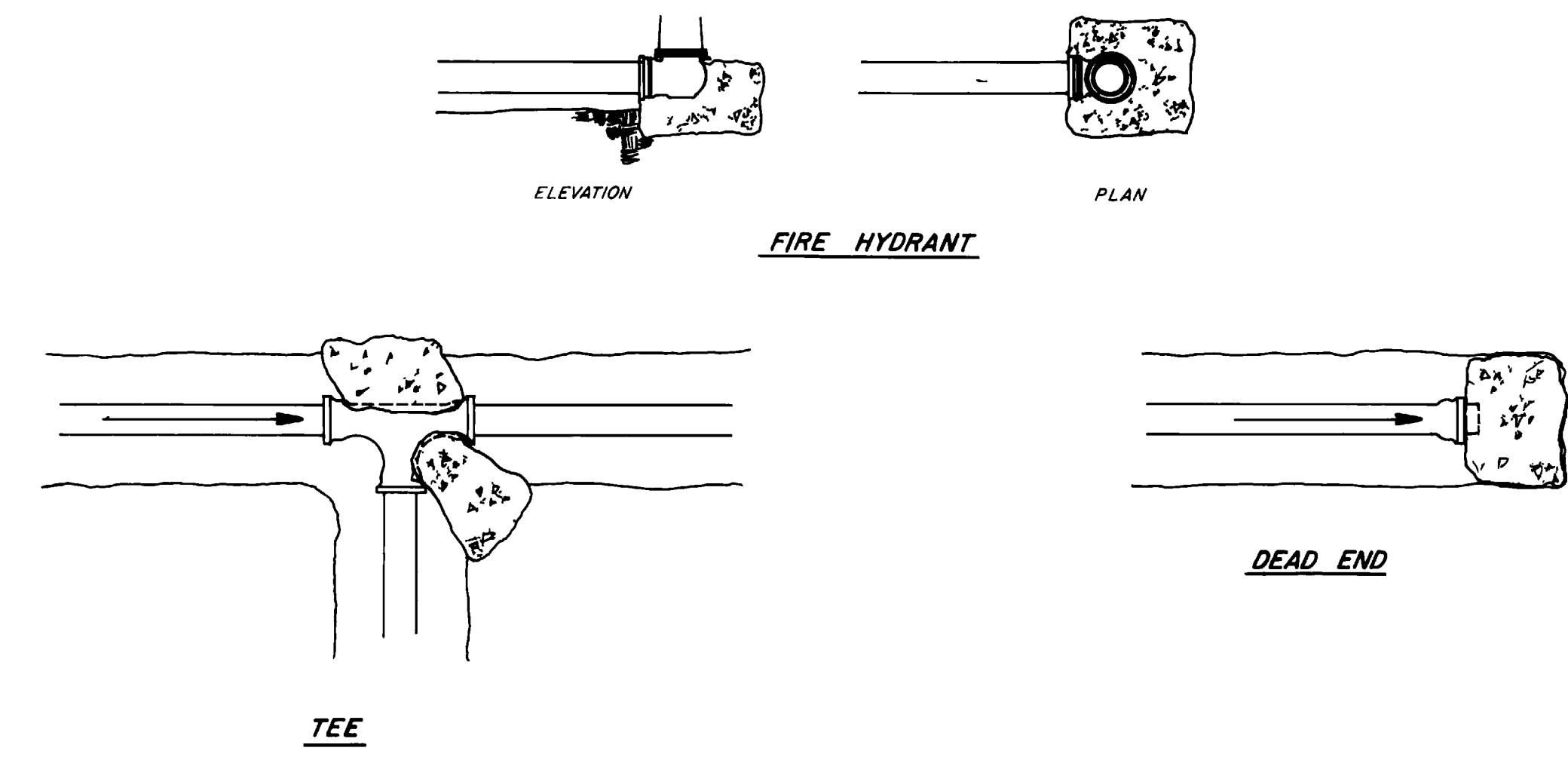
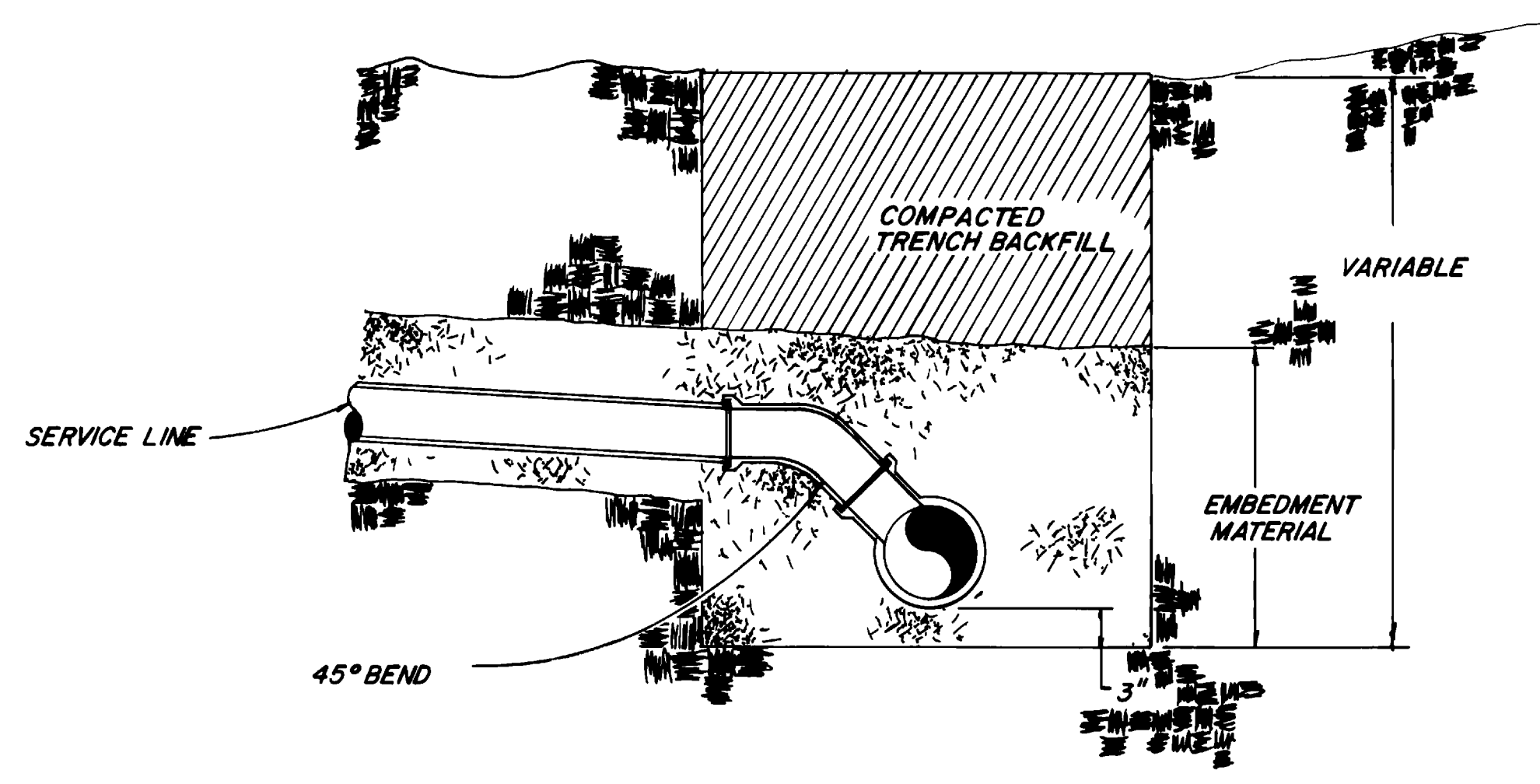
SSD 33-75, PHASE 3, ORCHARD MESA

**LIFT STATION DETAIL**

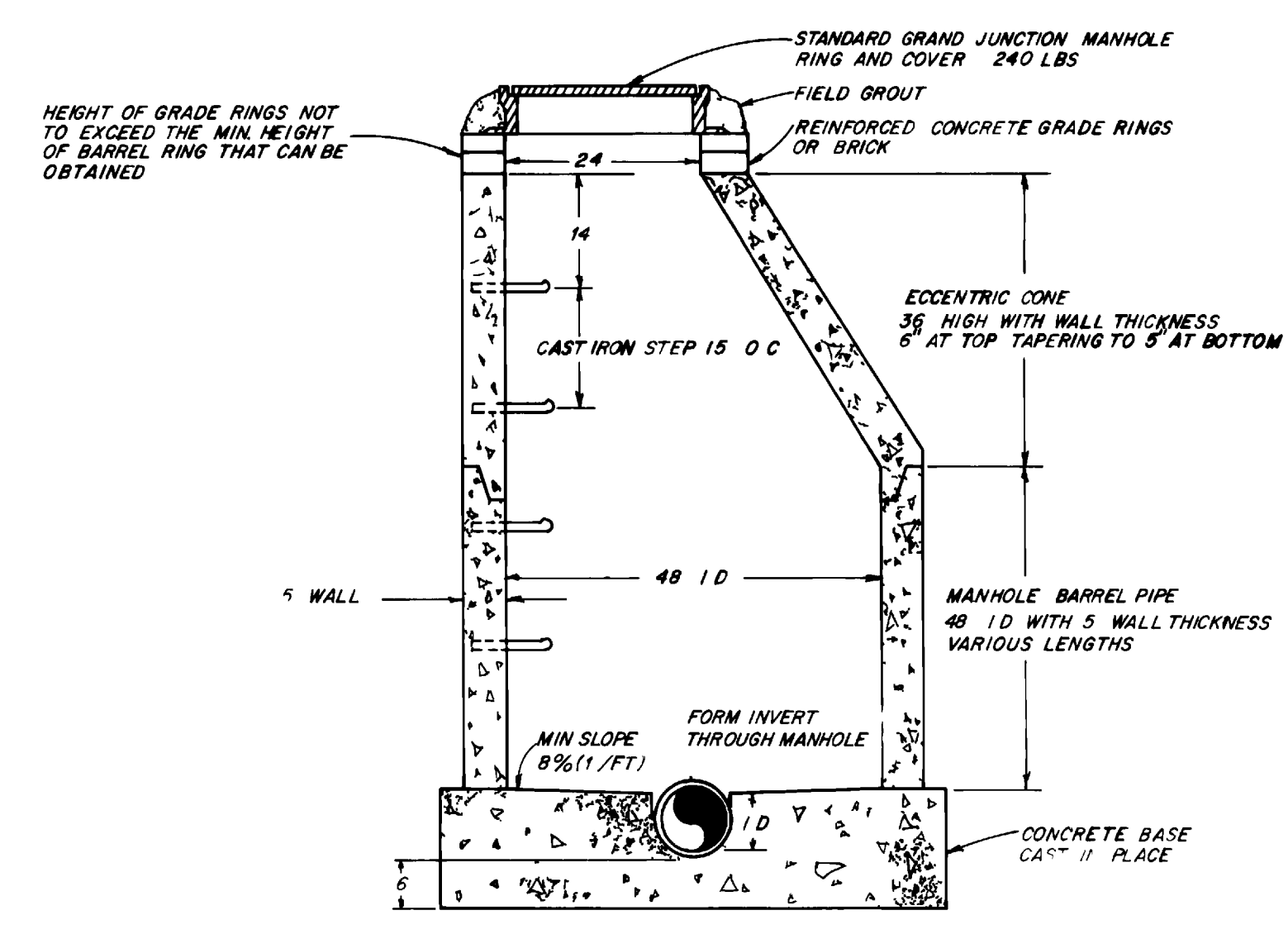
DRAWN BY <i>J. Anderson</i>	DATE _____	HORIZONTAL SCALE _____	VERTICAL SCALE _____
CHECKED BY _____	DATE _____	FIELD BOOK NO _____	SHEET <b>63 of 64</b>
APPROVED BY _____	DATE _____	PAGE NO _____	DPWG NO _____



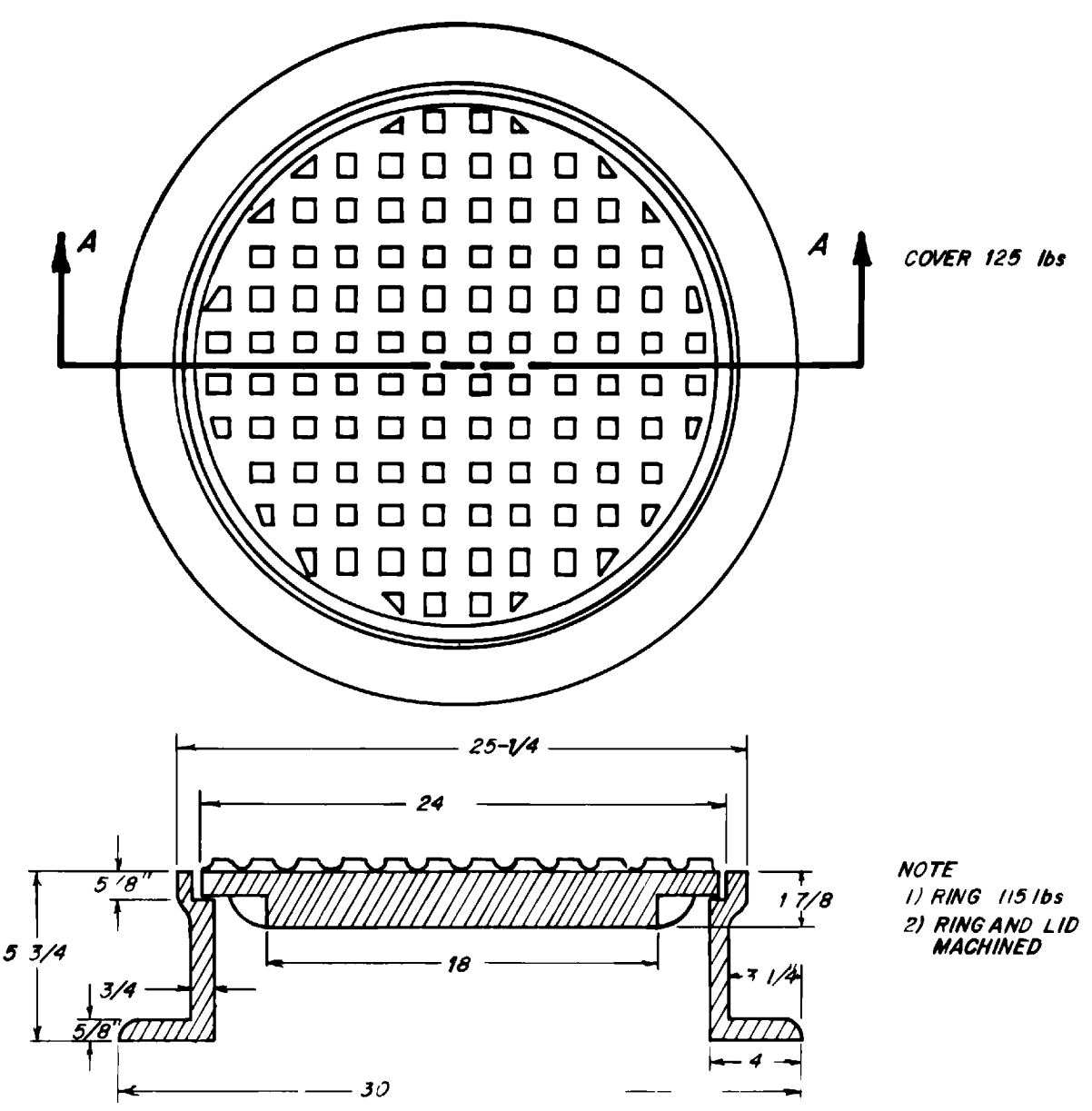
02-113-64 A



TYP WYE & TRENCH DETAIL C



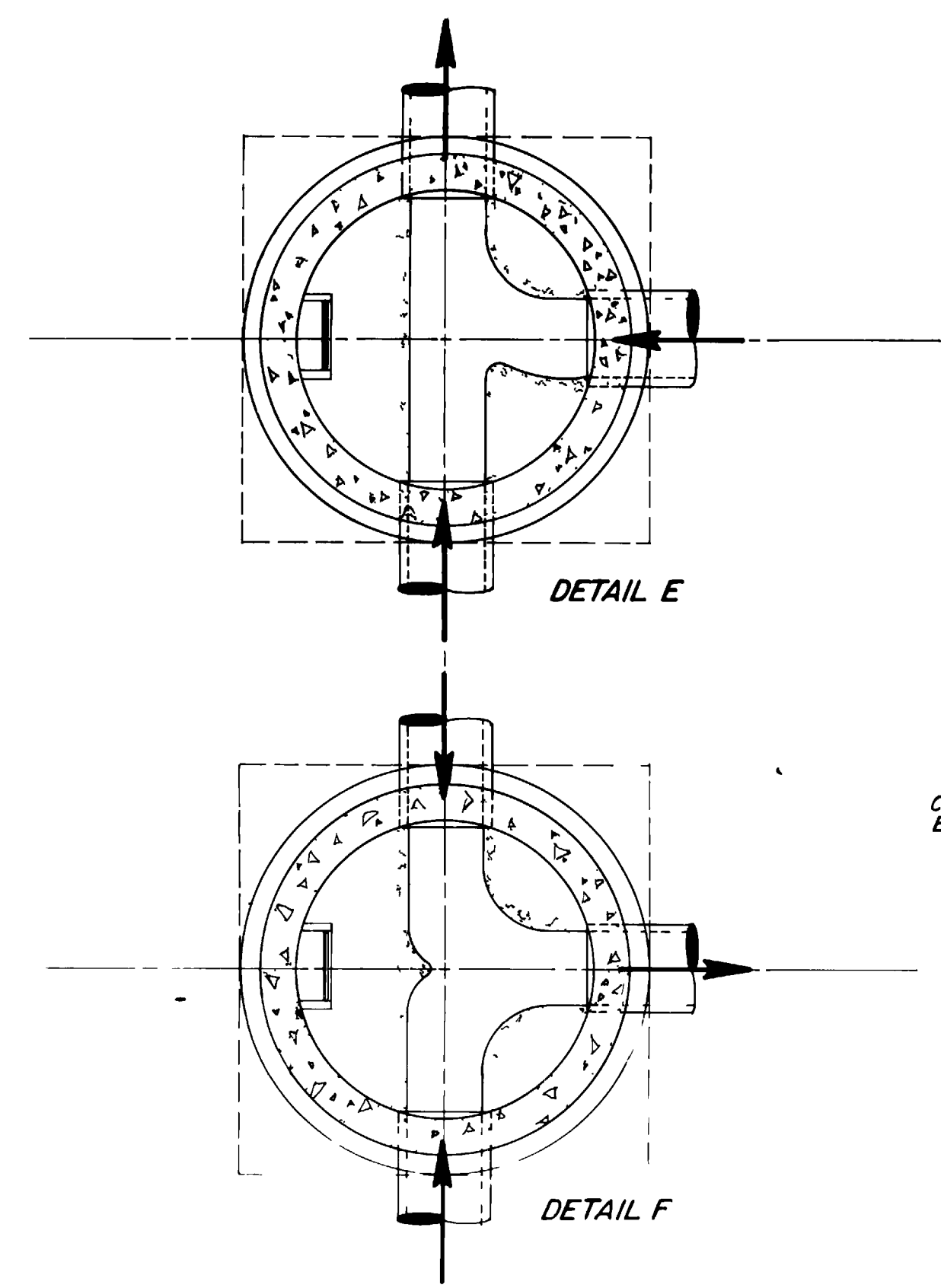
TYPICAL SEWER MANHOLE



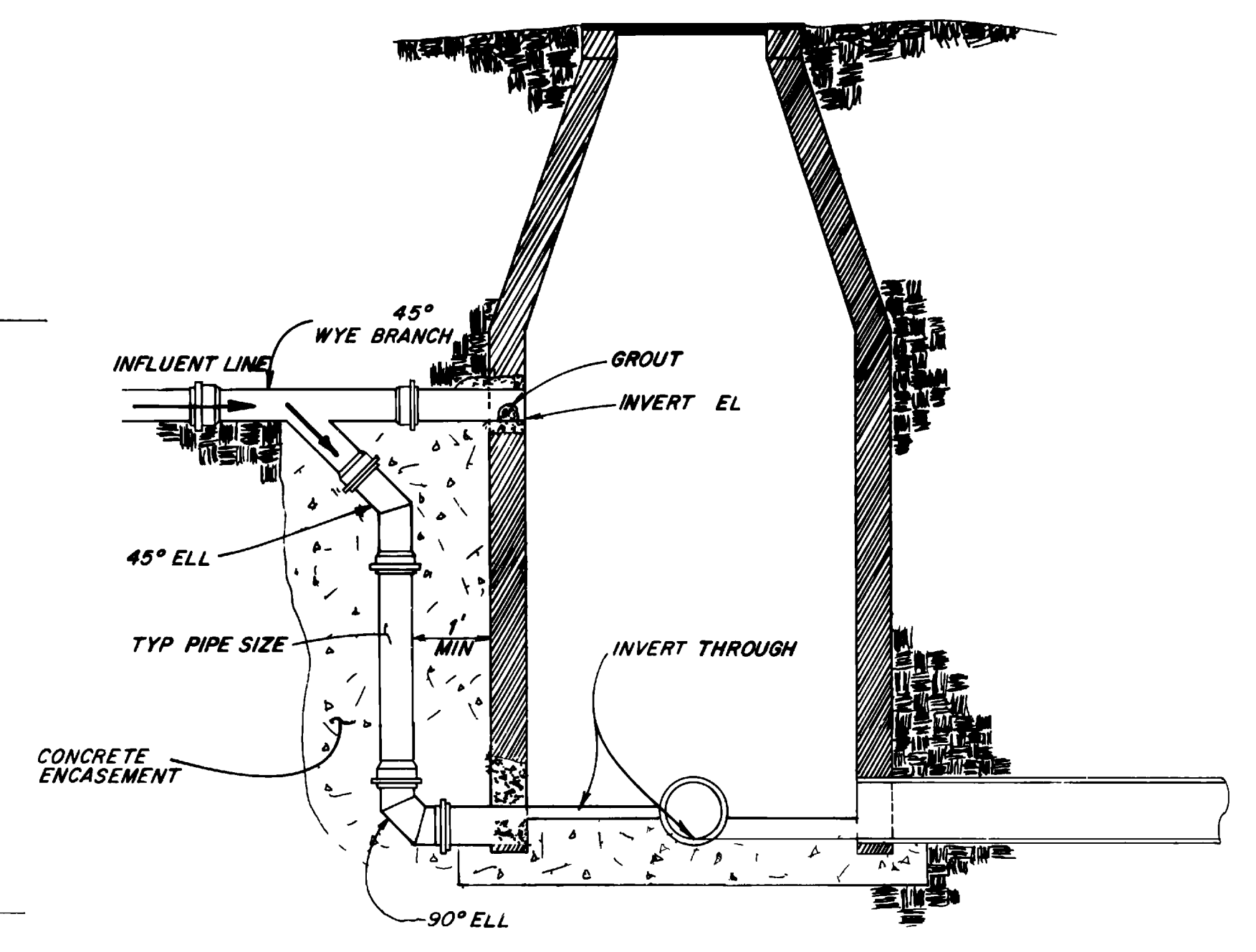
STANDARD GRAND JUNCTION RING & COVER  
WT 240 lbs  
(or approved equal)

DETAIL "A"

LOCATION OF THRUST BLOCKS



JUNCTION INVERT DETAIL E & F



TYPICAL DROP MANHOLE

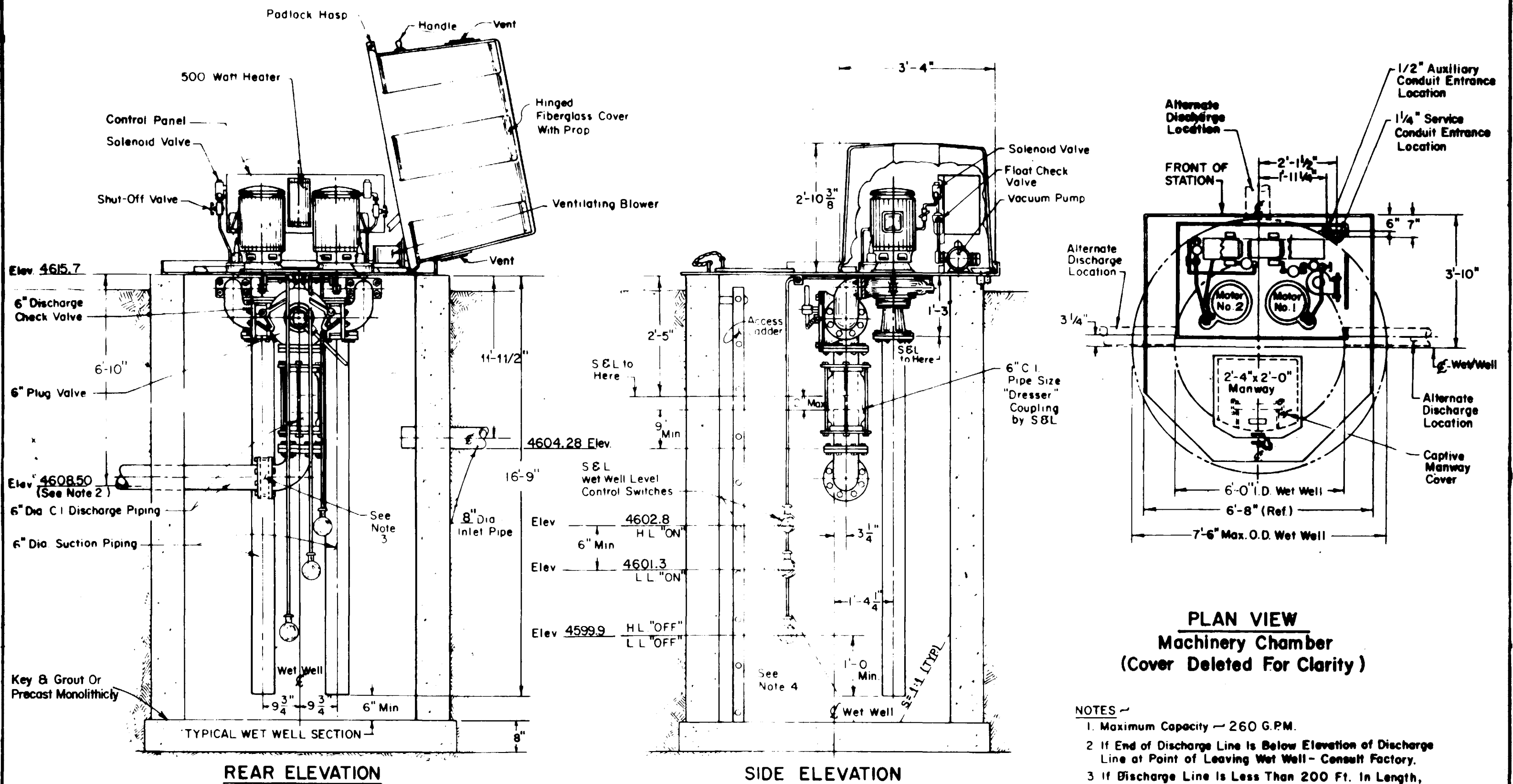


DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO

DETAIL SHEET

DRAWN BY <i>R. J. H.</i>	DATE 12-17-75	HORIZONTAL SCALE	VERTICAL SCALE
CHECKED BY <i>J. P. H.</i>	DATE 12-24-75	FIELD BOOK NO	SHEET 64 of 64
APPROVED BY <i>J. P. H.</i>	DATE 12-24-75	PAGE NO	DRAWG NO

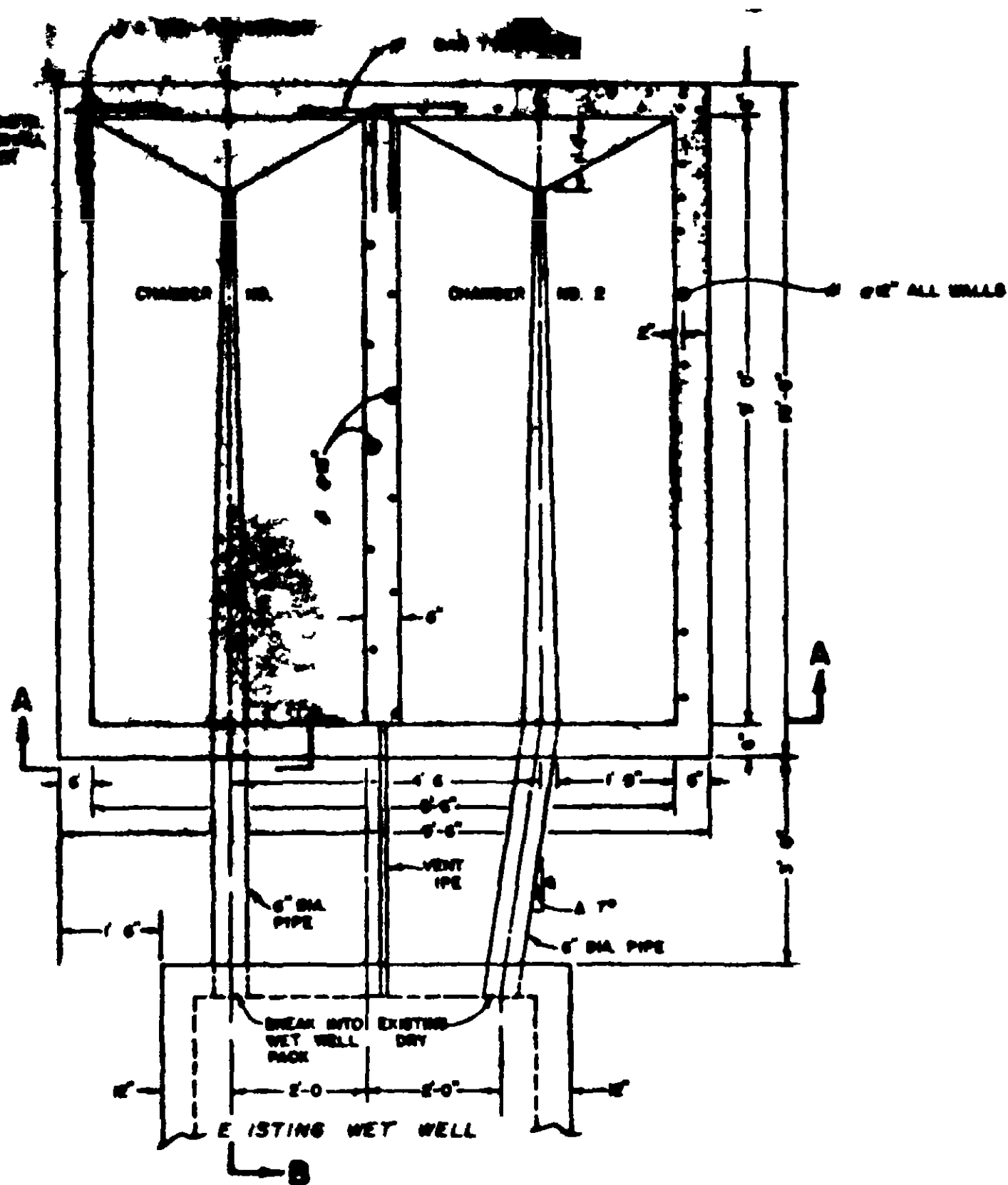
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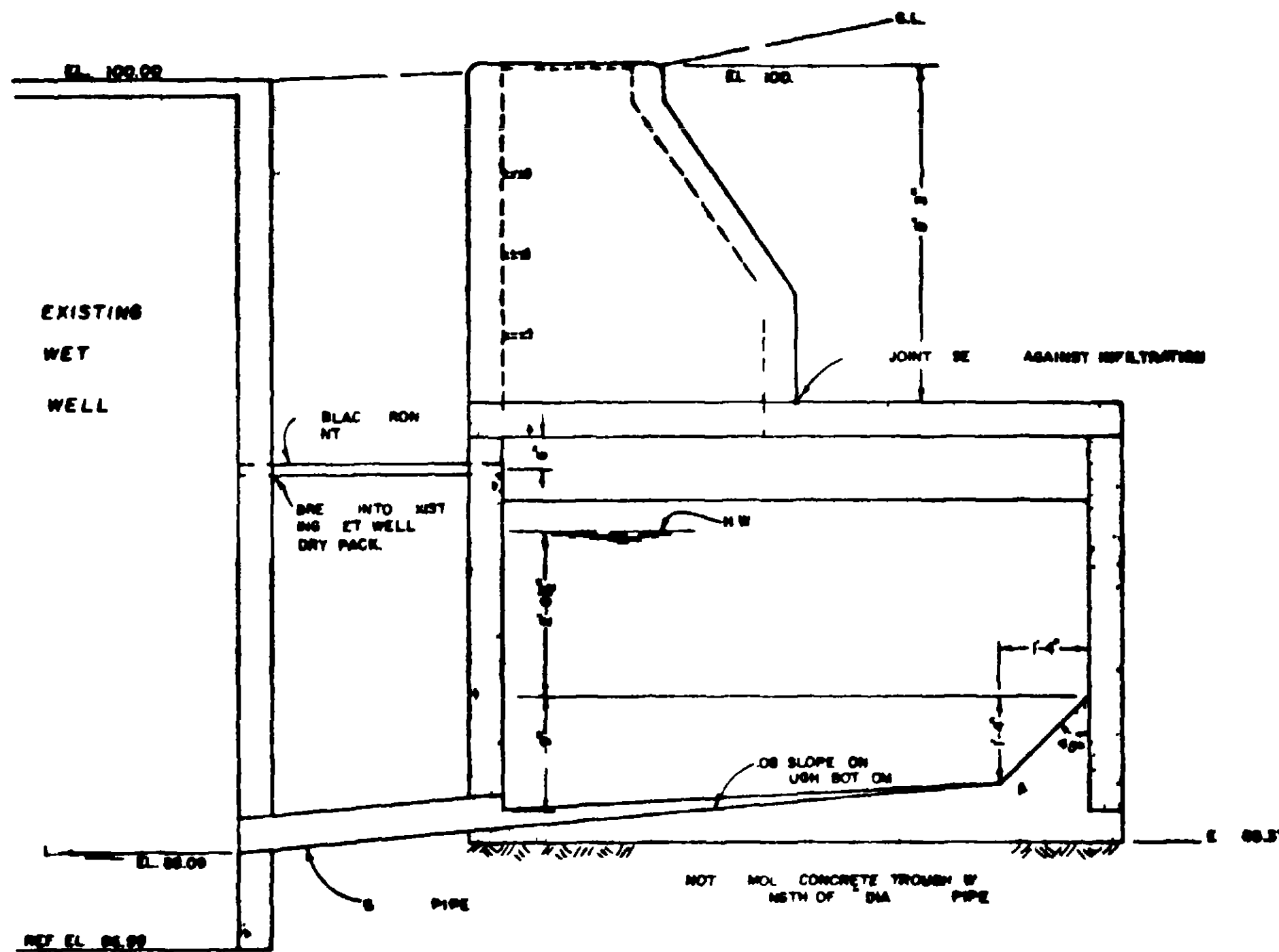
- NOTES**
1. Maximum Capacity — 260 G.P.M.
  2. If End of Discharge Line is Below Elevation of Discharge Line at Point of Leaving Wet Well — Consult Factory.
  3. If Discharge Line is Less Than 200 Ft. In Length, A Check Valve May Be Required — Consult Factory.

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
CITY OF GRAND JUNCTION, COLORADO  
S.S.D.33-75, PHASE 3, ORCHARD MESA  
LIFT STATION DETAIL  
DRAWN BY: S.A.H. DATE: 7-8-75 SHEET NUMBER: 63A015A





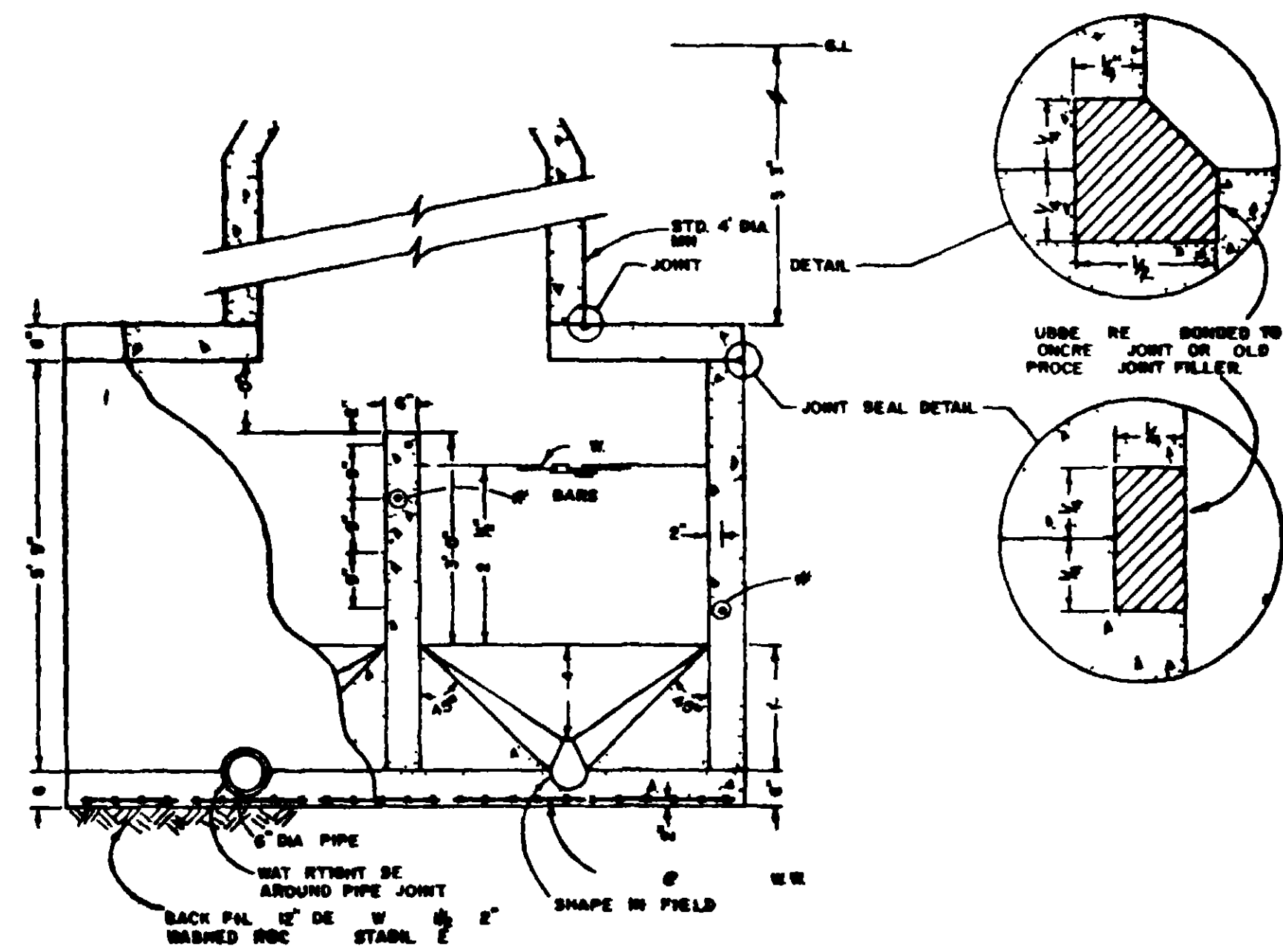
PLAN VIEW  
SCALE 1/8" = 1'-0"



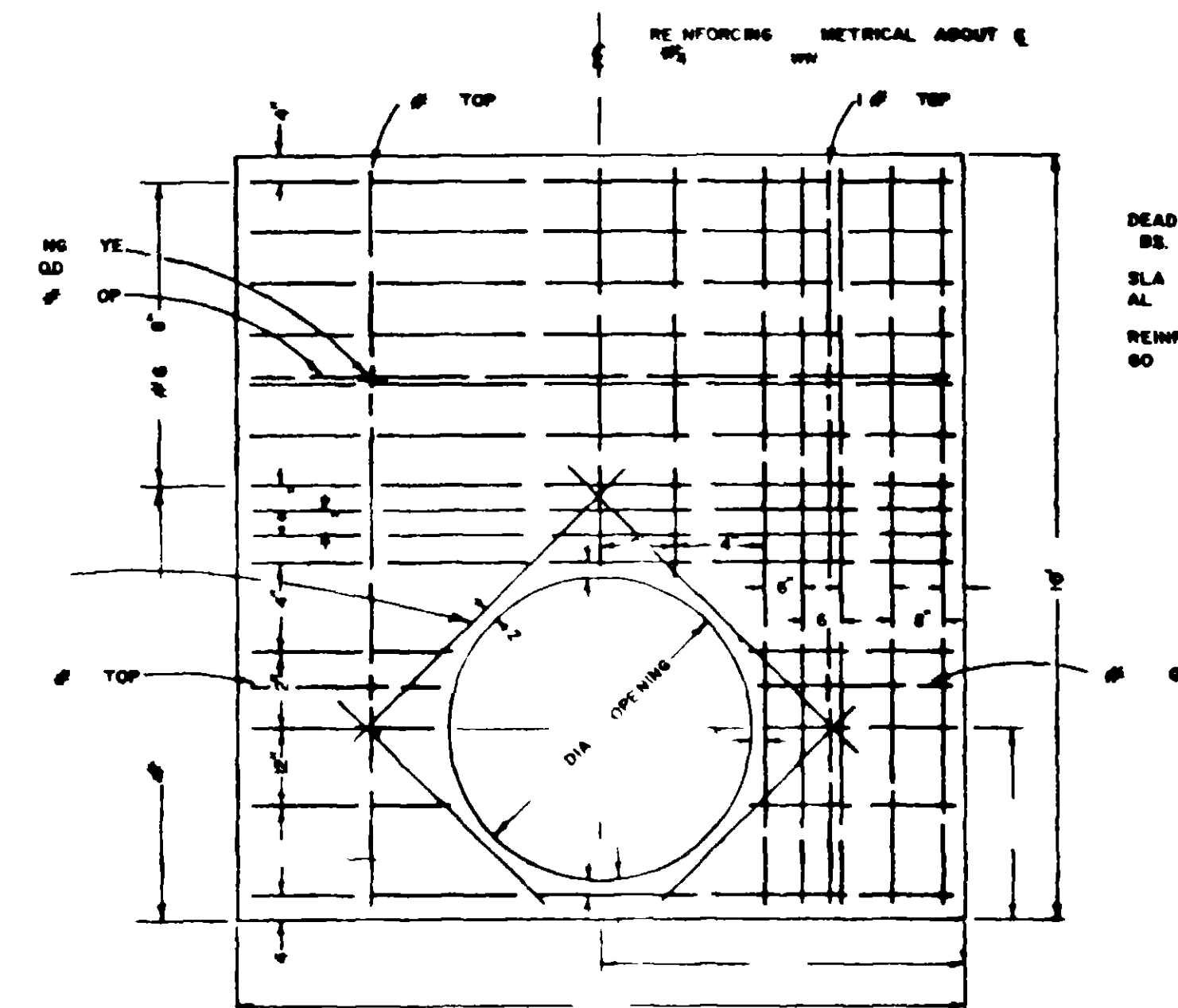
SECTION B B  
SCALE 1/8" = 1'-0"

**NOTE**

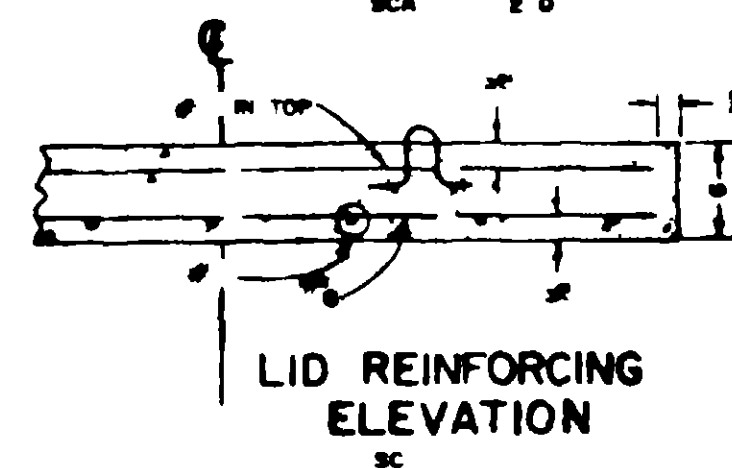
- 1) Structure Proposed except for base and (1) Chamber. Volume Proposed Concrete 5.26 cu. yd (including 10% Volume Cont. in Place Concrete 4.17 cu. yd.
- 2) Concrete is of Type X Cement 3000 psi Crushing Strength. Reinforcing is #4 and #6, Grade 60.
- 3) Volume of Select Backfill 3.8 cu. yd.
- 4) Liquid Capacity 804 gal./ chamber.



SECTION A A  
SCALE 1/8" = 1'-0"

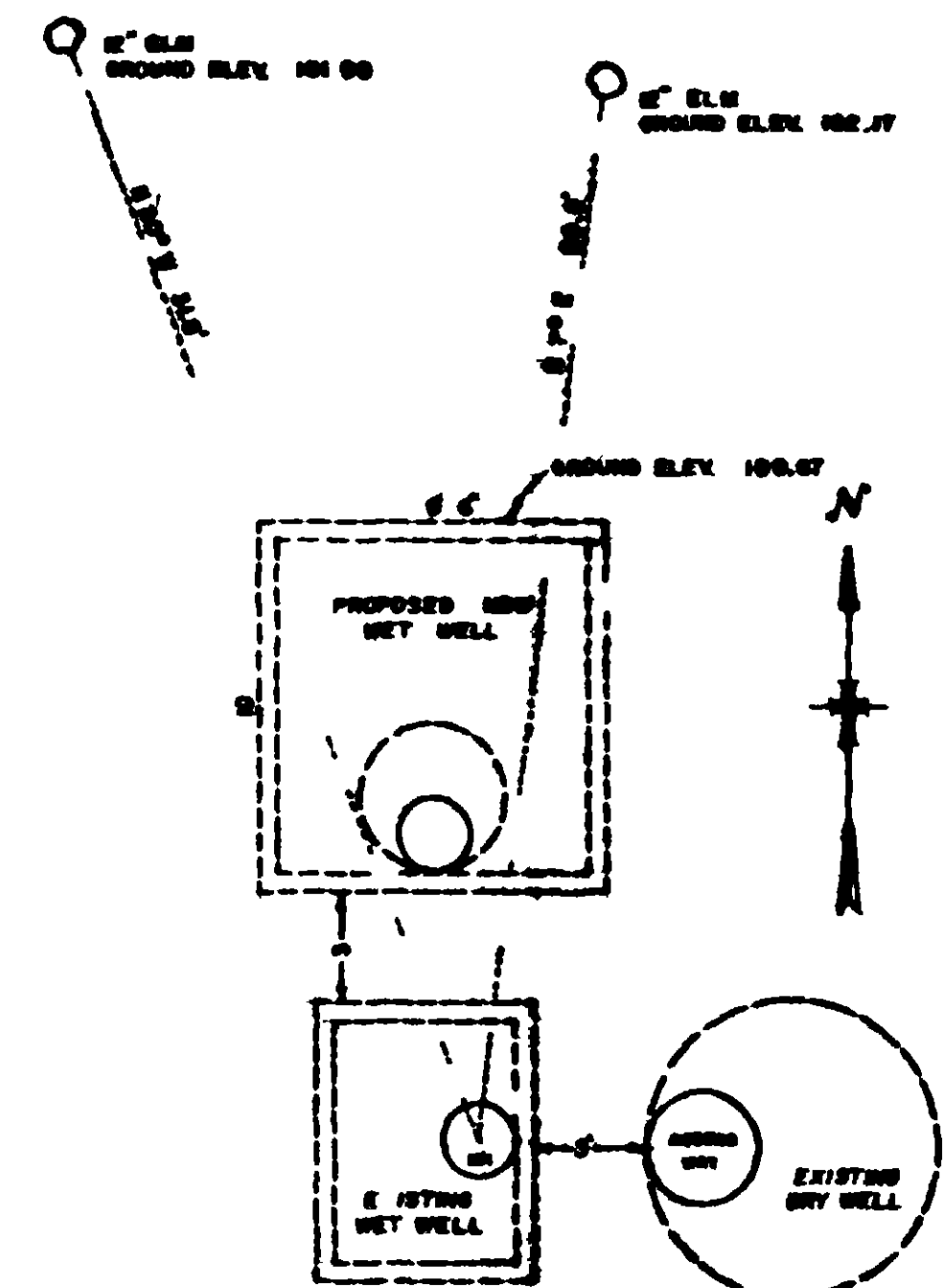


LID REINFORCING  
SCALE 1/8" = 1'-0"



LID REINFORCING ELEVATION  
SCALE 1/8" = 1'-0"

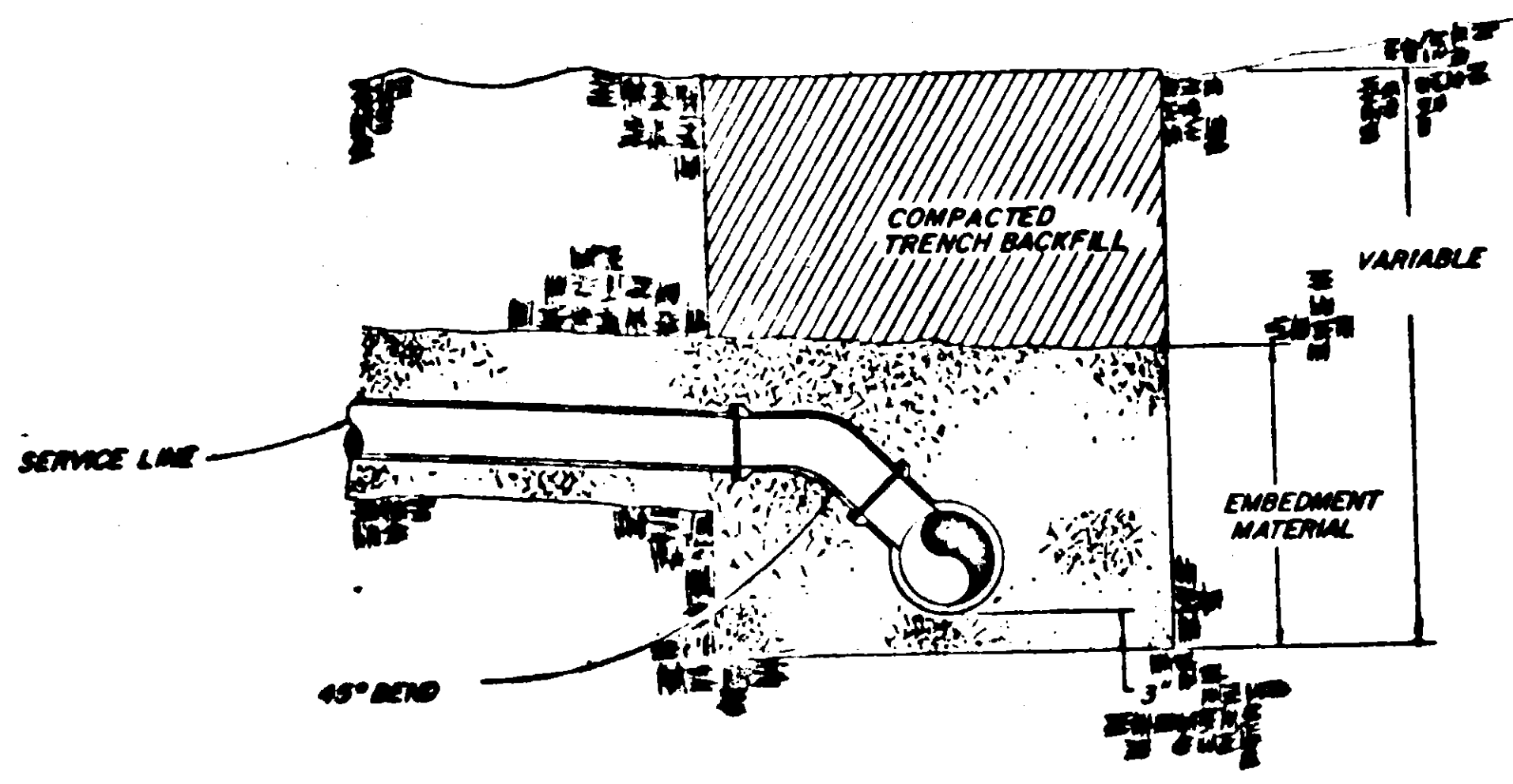
DEAD LOAD 800 PSF 1700  
BS. FOR 60  
SLA APPLY SUPPORTS ON  
ALL DECS.  
REINFORCING #4 @ 18" O.C.  
60 3000 PSI CONCRETE



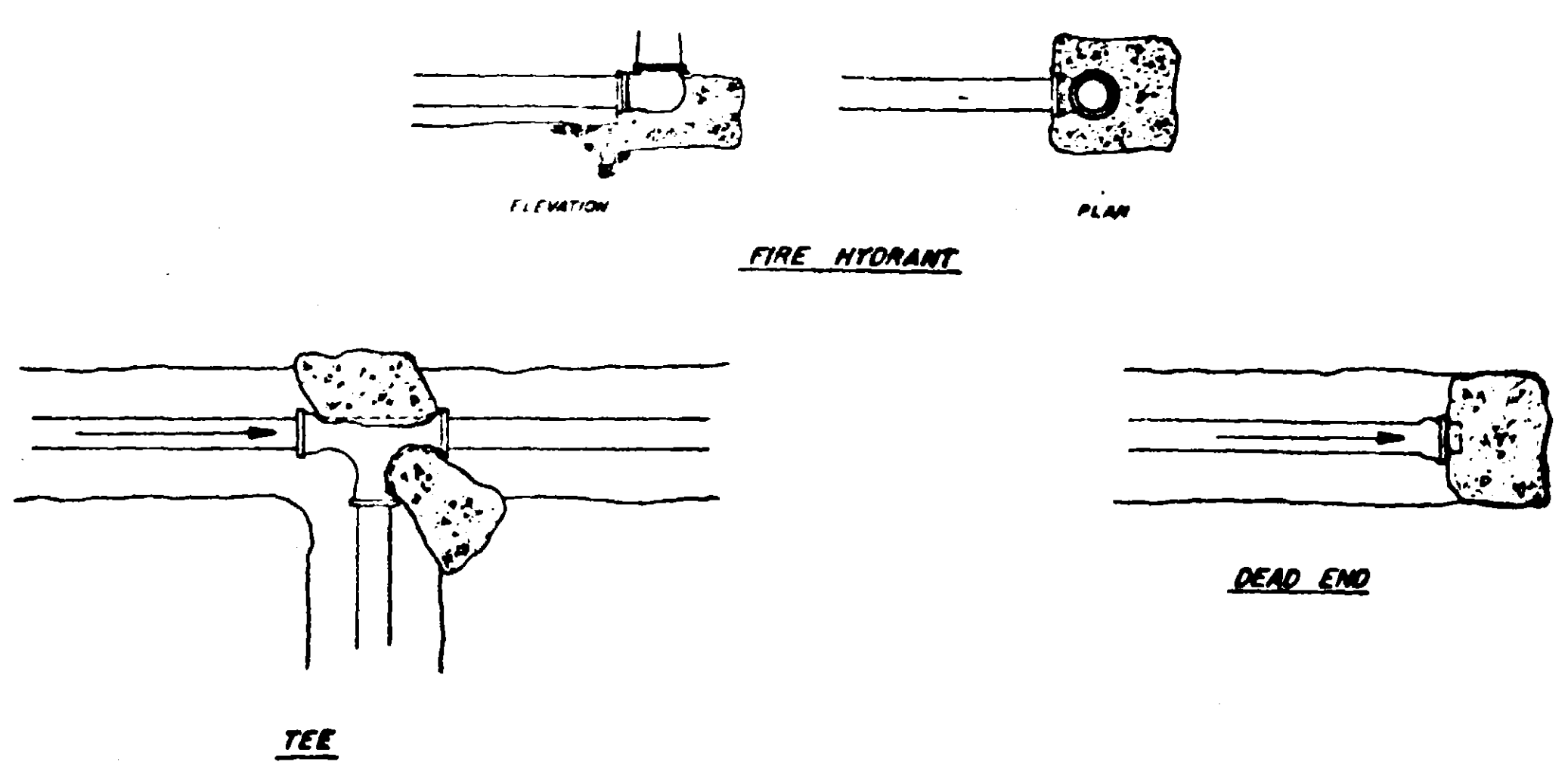
LOCATION MAP  
SCALE 1/8" = 1'-0"

ADDENDUM NO. 2 BY CITY  
55 D 33-76

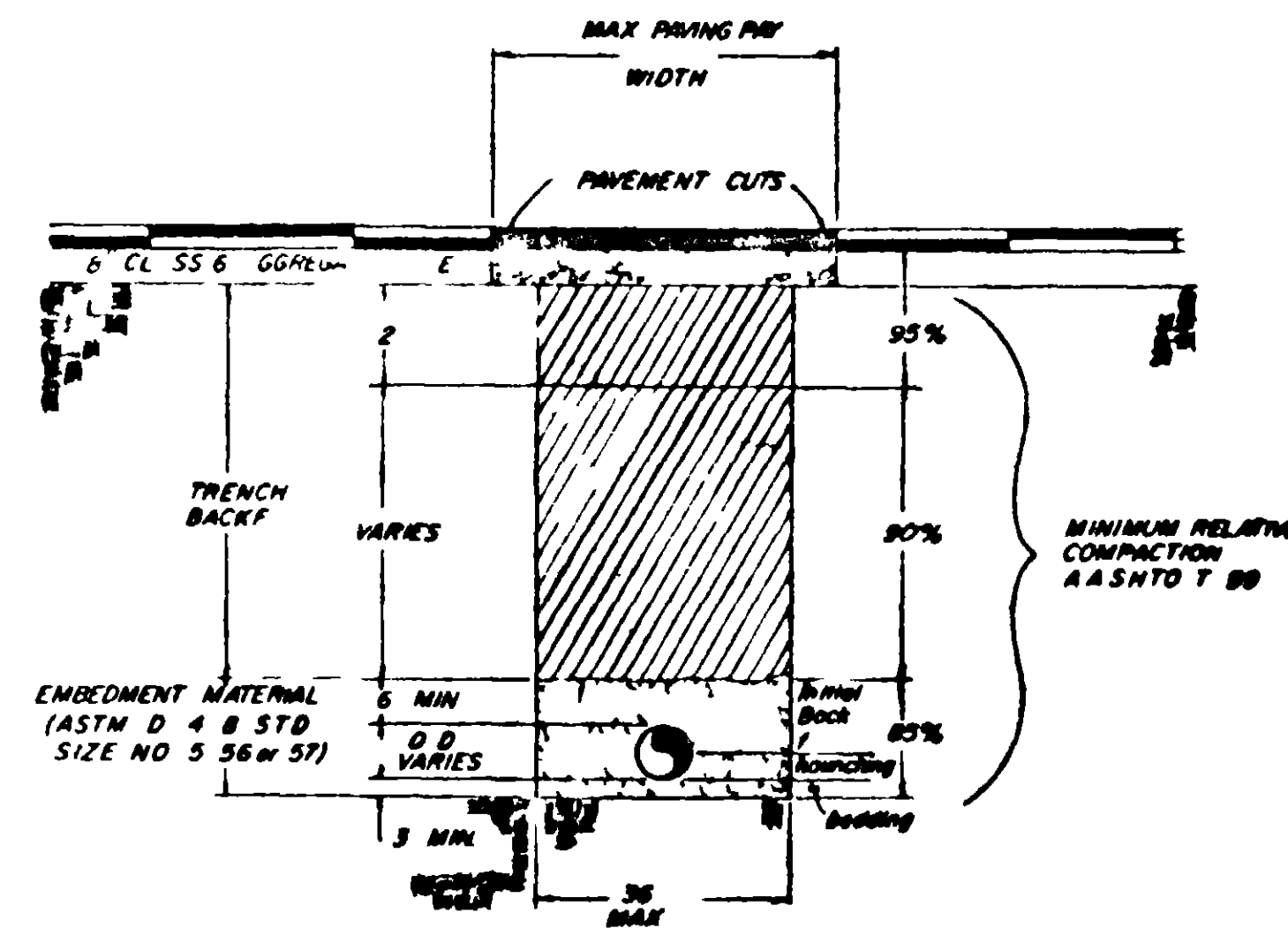
DATE 2/76	D	d f c		WESTERN ENGINEERS INC 588 2 1/2 ROAD O 80 5 TELE 242 202 GR D C ON CO O DO	ORCHARD MESA SANITATION DISTRICT DUCK POND LIFT STATION 2ND WET WELL	SCALE AS NOTED	Note	Det. No.	DWS. NO. 202 754 2	SHEET NO.	NO. OF SHEETS		
	T	EN	EE									ORCHARD MESA	OWNER
	C												



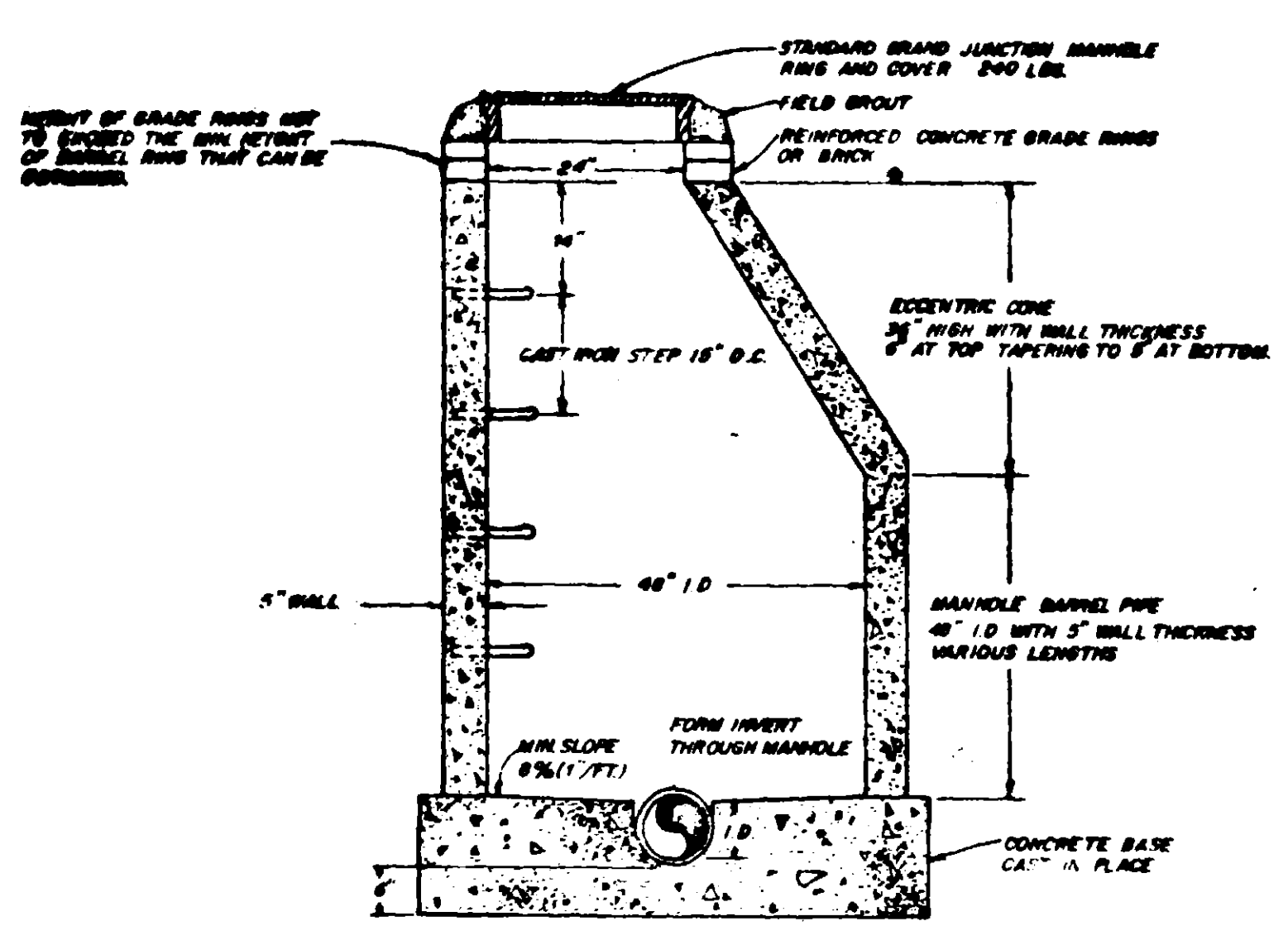
TYP. WYE & TRENCH DETAIL C



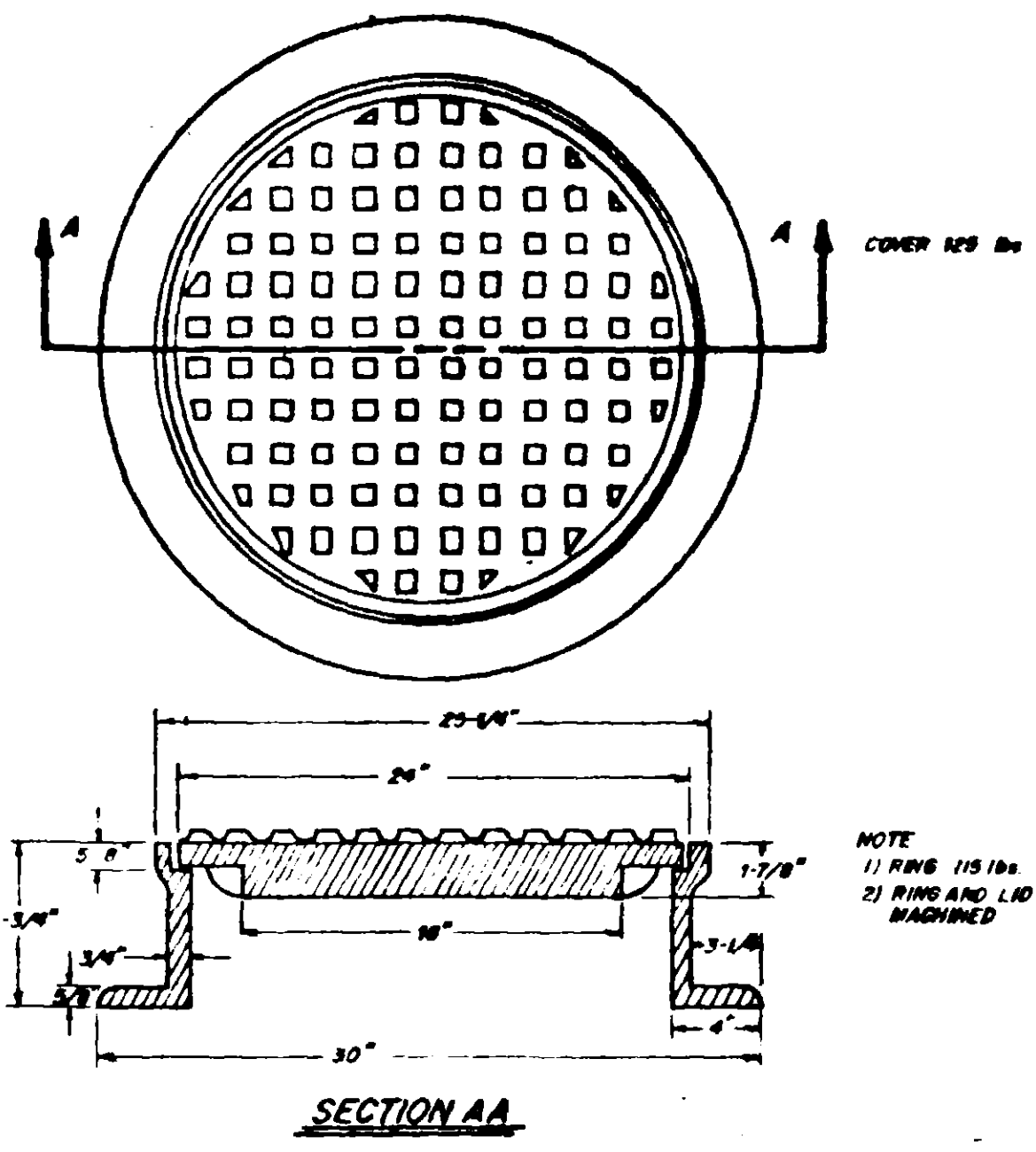
LOCATION OF THRUST BLOCKS



TYP. TRENCH DETAIL D



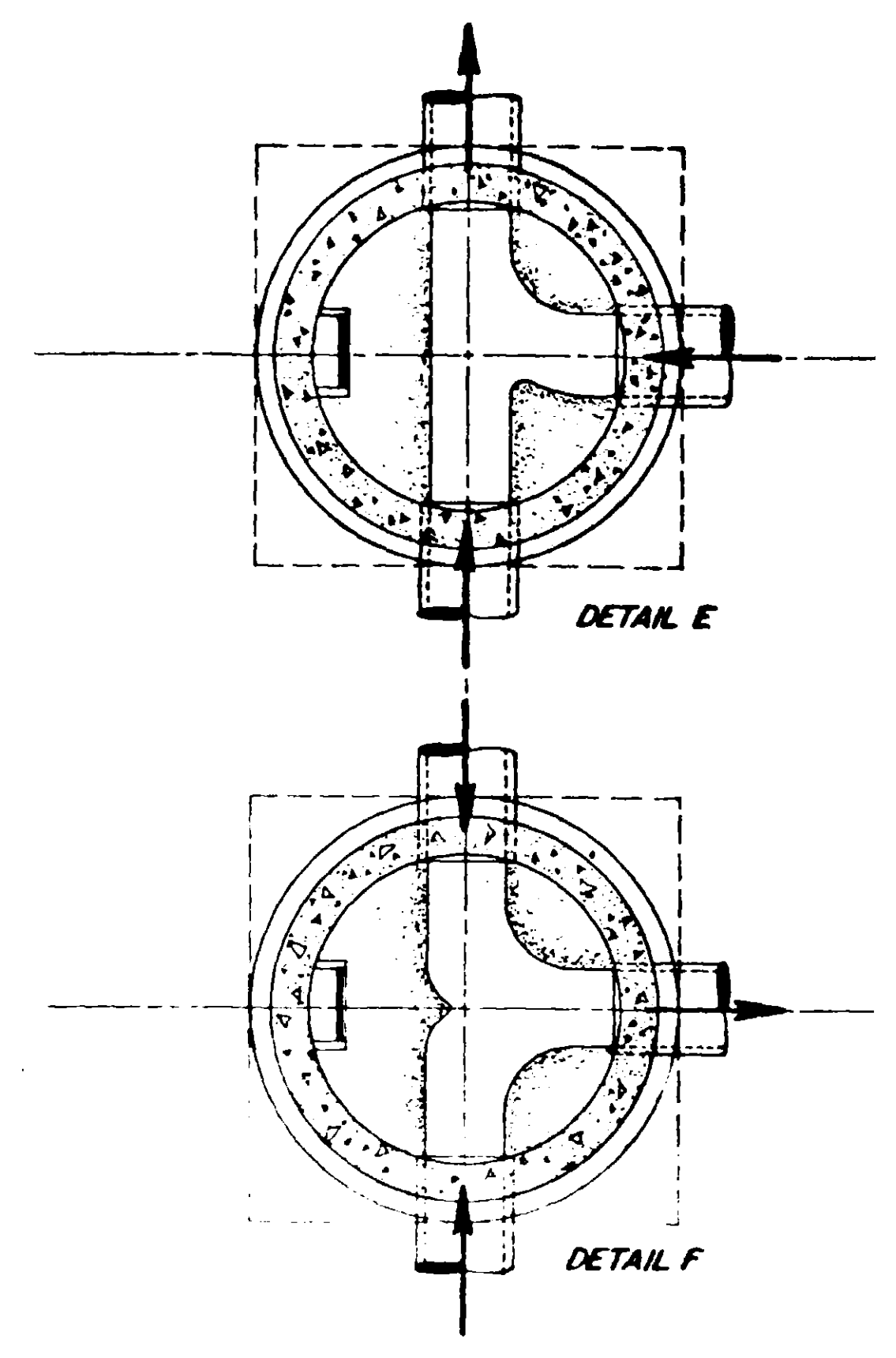
TYPICAL SEWER MANHOLE



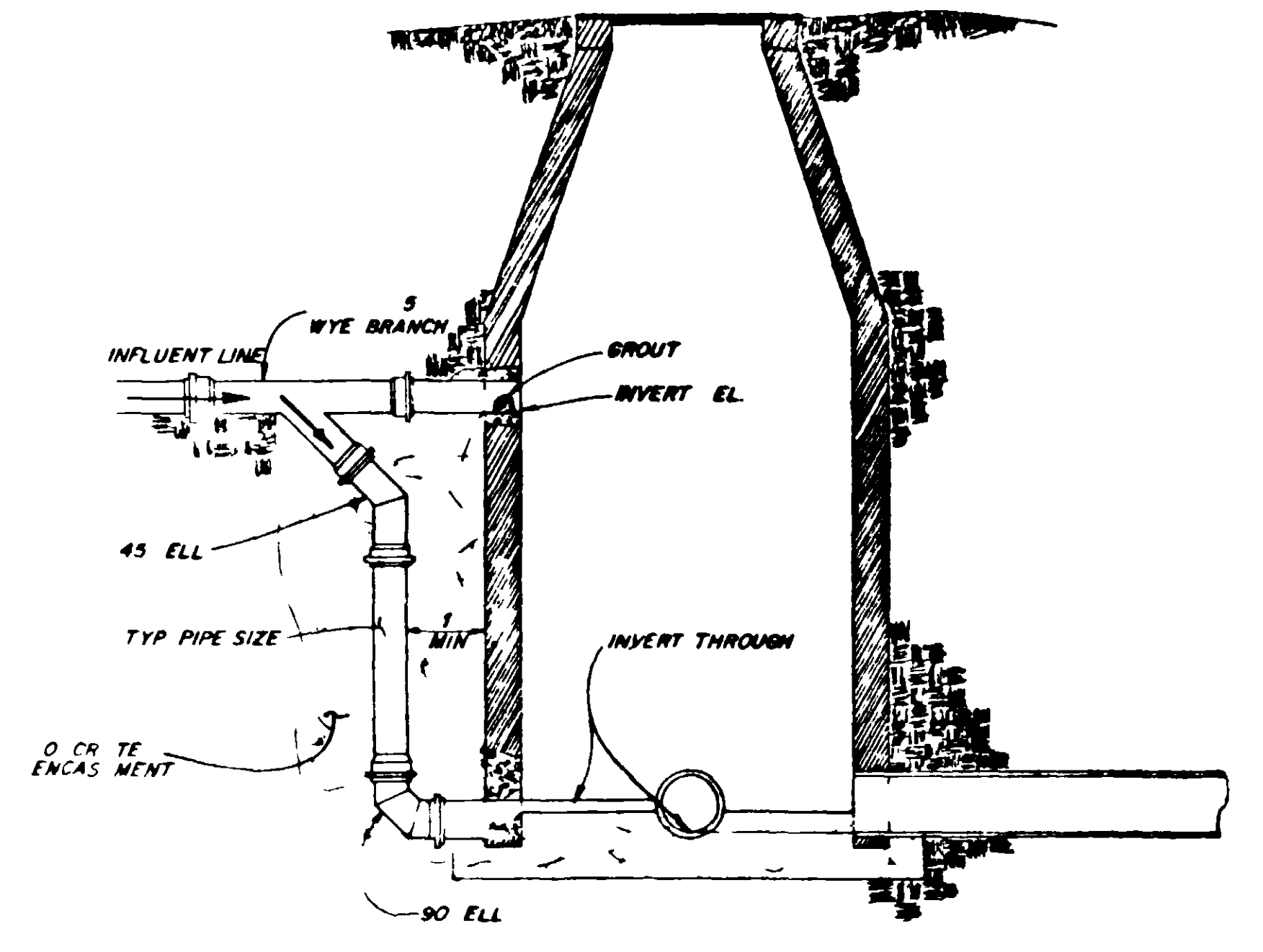
STANDARD GRAND JUNCTION RING & COVER

WT. 240 lbs.  
(or approved equal)

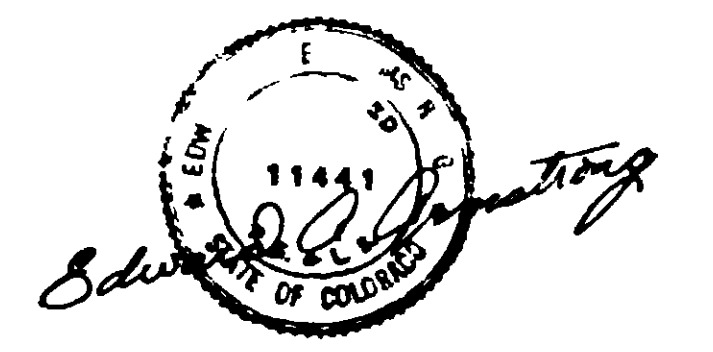
DETAIL "A"



JUNCTION INVERT DETAIL E & F



TYPICAL DROP MANHOLE



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO			
DETAIL SHEET			
DRAWN BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i> APPROVED BY: <i>[Signature]</i>	DATE: _____ DATE: _____ DATE: _____	SHEET NO. 64 of 62	VERTICAL SCALE: _____ HORIZONTAL SCALE: _____