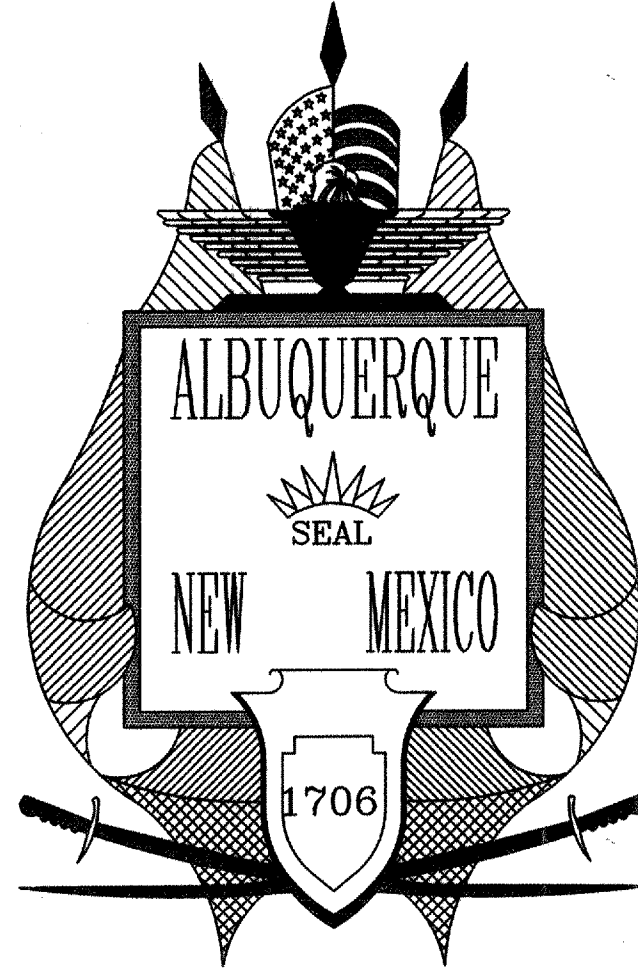


GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION WITH UPDATE NO. 7 AS AMENDED.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, INC. @ 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE NO. 7.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- TRAFFIC CONTROL: FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS SHOWN IN THIS PLAN SET.
- WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
- EXISTING CURB AND GUTTER NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
- ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING.
- ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON THE PLANS.
- CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWERLINE COSTS.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- WARNING--EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE AREA SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HR. CONSTRUCTION.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

CITY OF ALBUQUERQUE PLANS FOR CONSTRUCTION



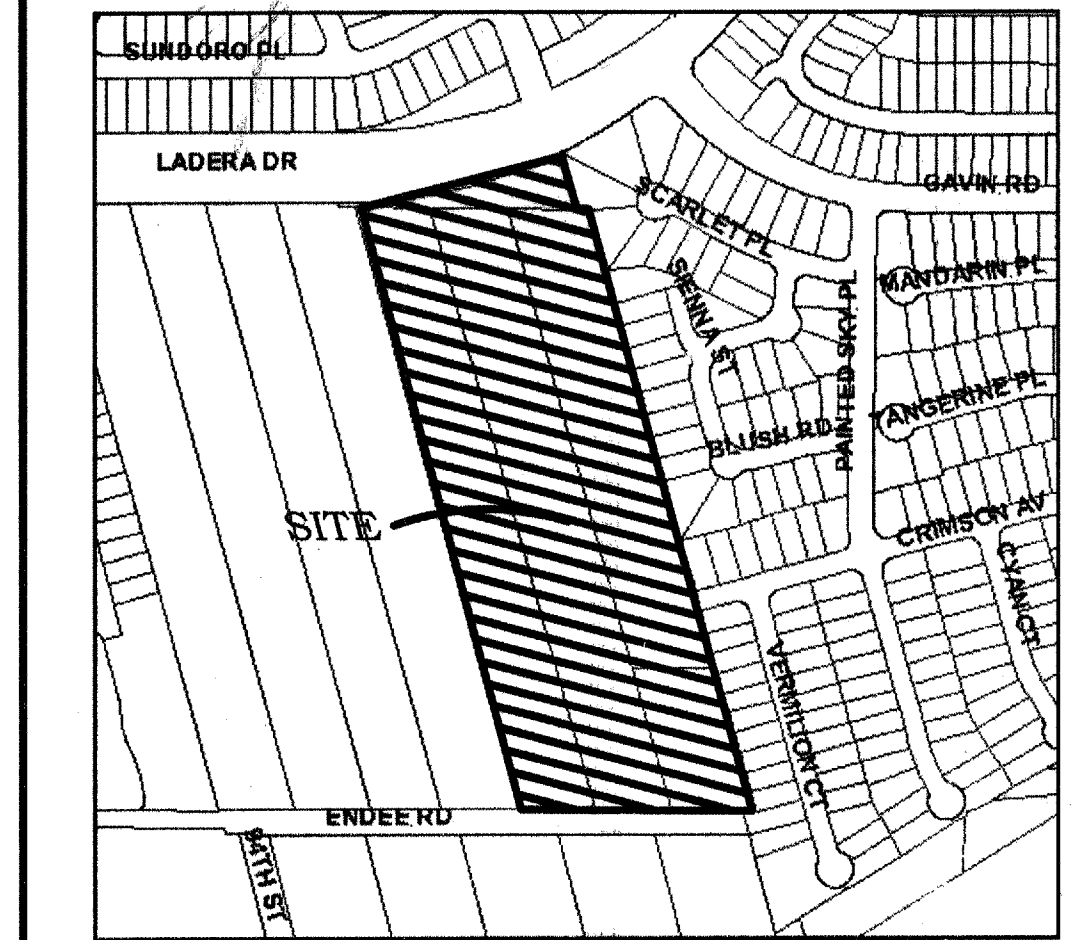
SUNDORO UNIT 8 SUBDIVISION

INDEX OF SHEETS

SHEET #	DESCRIPTION
1	TITLE SHEET
2a-2c	PLAT
3-4	GRADING PLAN
5	TYPICAL SECTIONS
6	OVERALL PAVING PLAN
7	KIPUKA DR. PAVING PLAN & PROFILE
8	KIPUKA DR. PAVING PLAN & PROFILE
9	ASHFALL PL. PAVING PLAN & PROFILE
10	MOLTEN PL. PAVING PLAN & PROFILE
11	MOLTEN PL. PAVING PLAN & PROFILE
12	CRIMSON AVE. PAVING PLAN & PROFILE
13	LADERA DR. PAVING PLAN & PROFILE
14	ENDEE DR. PAVING PLAN & PROFILE
15	OVERALL UTILITY PLAN
16	KIPUKA DR. UTILITY PLAN & PROFILE
17	KIPUKA DR. UTILITY PLAN & PROFILE
18	ASHFALL PL. UTILITY PLAN & PROFILE
19	MOLTEN PL. UTILITY PLAN & PROFILE
20	MOLTEN PL. UTILITY PLAN & PROFILE
21	CRIMSON AVE. UTILITY PLAN & PROFILE

DRB NO. 1003813

VICINITY
MAP

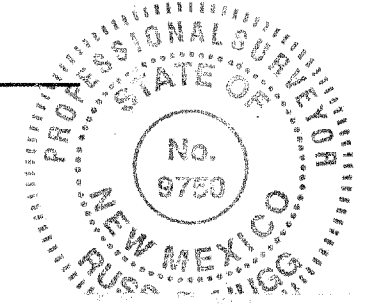


ZONE ATLAS MAP J-9-Z

SURVEYORS CERTIFICATION

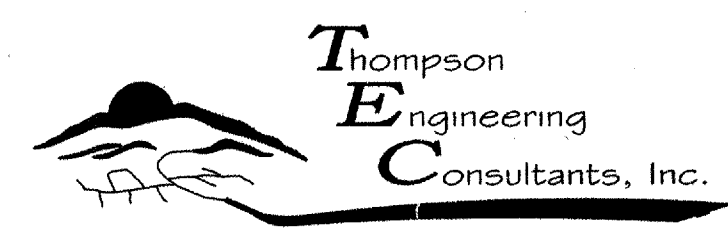
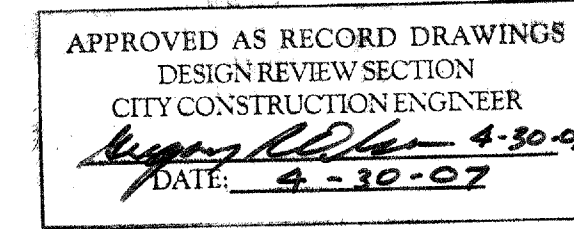
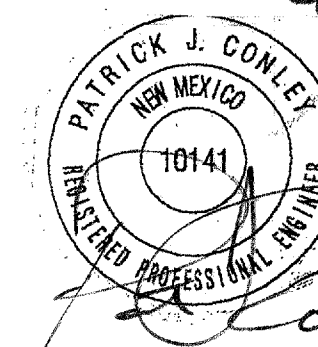
I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Herby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

[Signature]
Russ P. Hugg
NMPS No. 9750
10-19-05



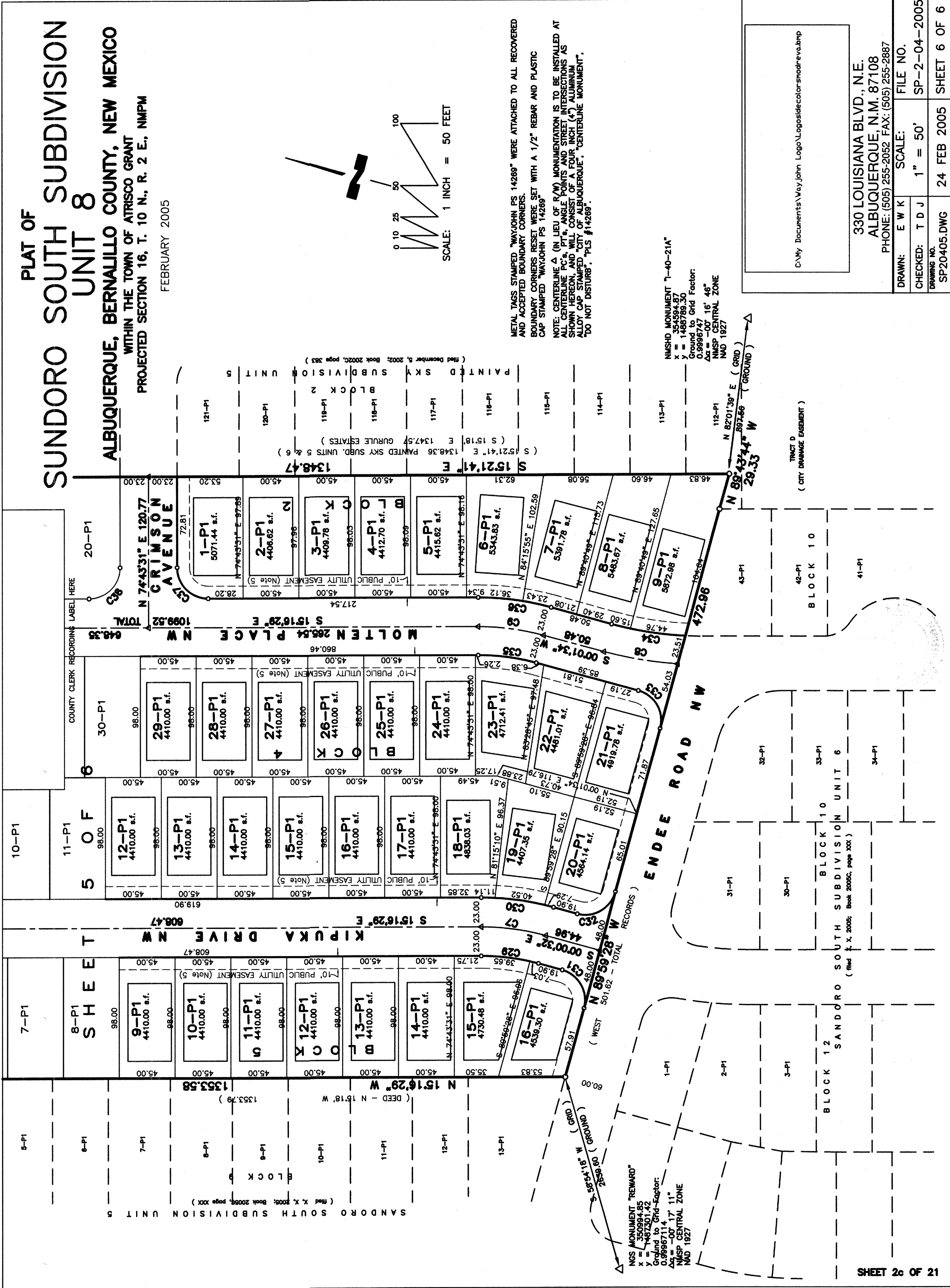
RECORD DRAWINGS

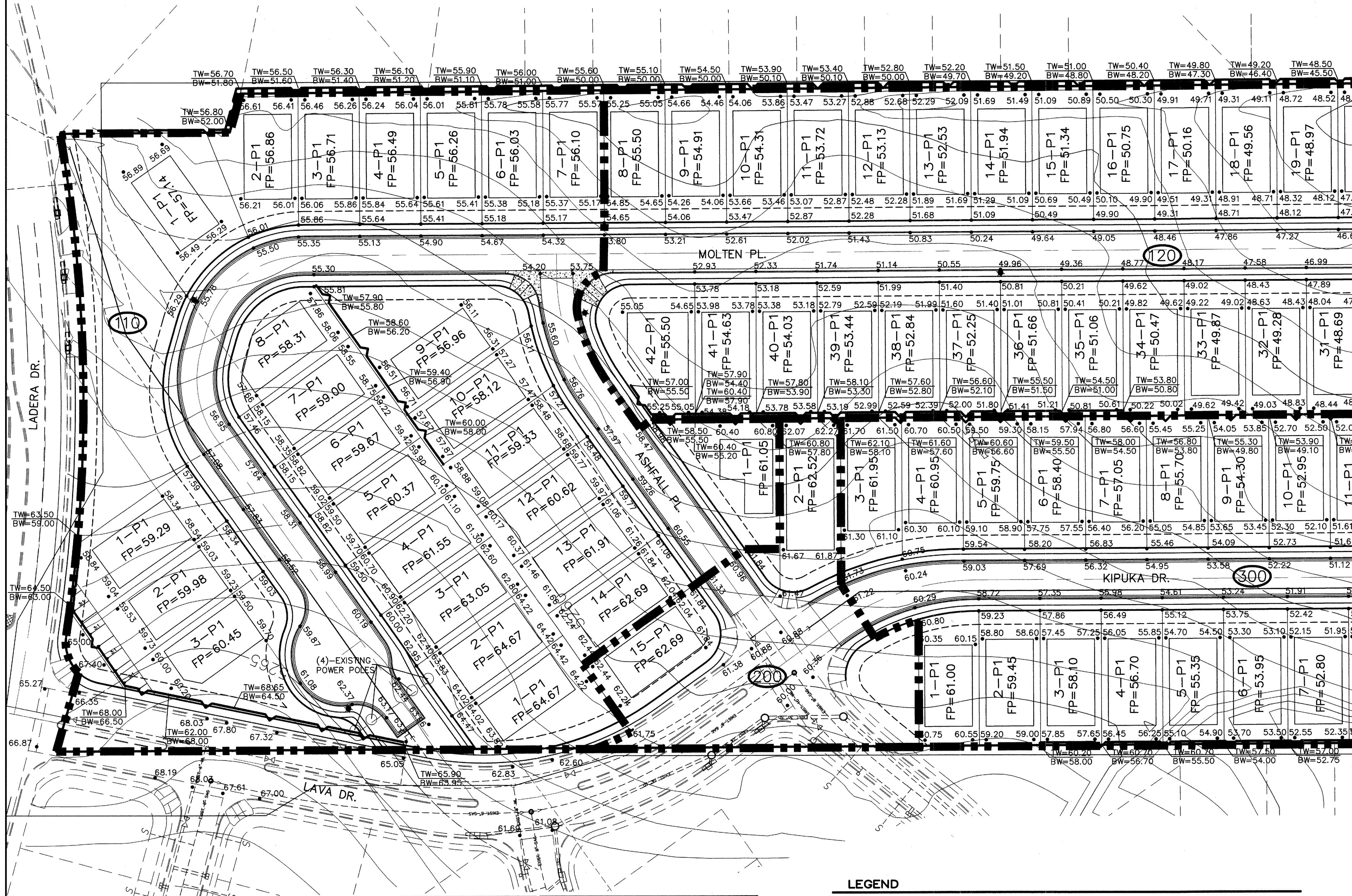
I, *[Signature]* of the firm of Smith Engineering Company, a Registered Professional Engineer in the State of New Mexico, do hereby state that, to the best of my knowledge and belief, the infrastructure for this project as shown on the plans has been constructed in general accordance with the project plans and in general accordance with the City of Albuquerque Standard Specifications for Public Works Construction (including all updates), and that the general intent of the plans has been met except as noted on the as-built construction drawings. The infrastructure construction has been observed by a qualified person from Smith Engineering Company and this statement covers infrastructure installation that was observed while a representative from Smith Engineering was on site. This statement is based on site observations by Smith Engineering Company personnel and on as-built information provided to Smith Engineering Company. (surveyor's name), NMPS number 9750 (PS #).



P.O. BOX 65760
ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199
FAX: (505) 830-9428

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS' STAMP & SIGNATURE		APPROVED	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
<i>[Signature]</i> 10-19-05		DRC Chairman	<i>[Signature]</i>	12-23-05	<i>[Signature]</i> 3-27-06		
		Transportation	<i>[Signature]</i>	12/19/05			
		Water/Wastewater	<i>[Signature]</i>	12/19/05			
		Hydrology	<i>[Signature]</i>	12/19/05			
		C.I.P.					
		AMAFCA					
		Constr. Coord.	<i>[Signature]</i>	12-23-05	CITY ENGINEER DATE		
PROJECT NUMBER							
727079				DRAWING NO. 1 OF 21			





APPROVED FOR ROUGH GRADING

SIGNATURE _____ DATE _____

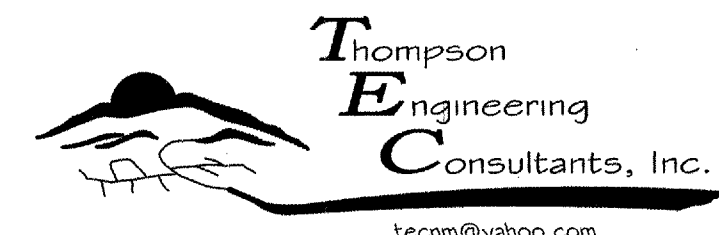
NOTE:
SEE SHEET 3 FOR VICINITY MAP
AND DETAILS

LEGEND

- | | | | |
|----------|-------------------------------------|--|------------------------------------|
| FP=09.07 | FINISHED PAD SITE ELEVATION | | PROPOSED MANHOLE |
| 60.23 | PROPOSED SPOT ELEVATION | | PROPOSED STORM DRAIN |
| TC=12.51 | TOP OF CURB AND FLOWLINE ELEVATIONS | | PROPOSED STANDARD CURB AND GUTTER |
| PL=11.84 | EXISTING MAJOR CONTOUR | | PROPOSED MOUNTABLE CURB AND GUTTER |
| | EXISTING MINOR CONTOUR | | PROPOSED BASIN BOUNDARY |
| | PROPOSED RETAINING WALL | | PROPOSED INLET |
| | PROPOSED BASIN NUMBER | | PROPOSED WHEEL CHAIR RAMPS |

SEE SHEET 4

FOR INFORMATION ONLY



4800 JUAN TABO NE, SUITE C ALBUQUERQUE, NEW MEXICO 87111 PHONE: (505) 271-2199 FAX: (505) 237-8422

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT
SUNDORO SOUTH UNIT 8
GRADING PLAN

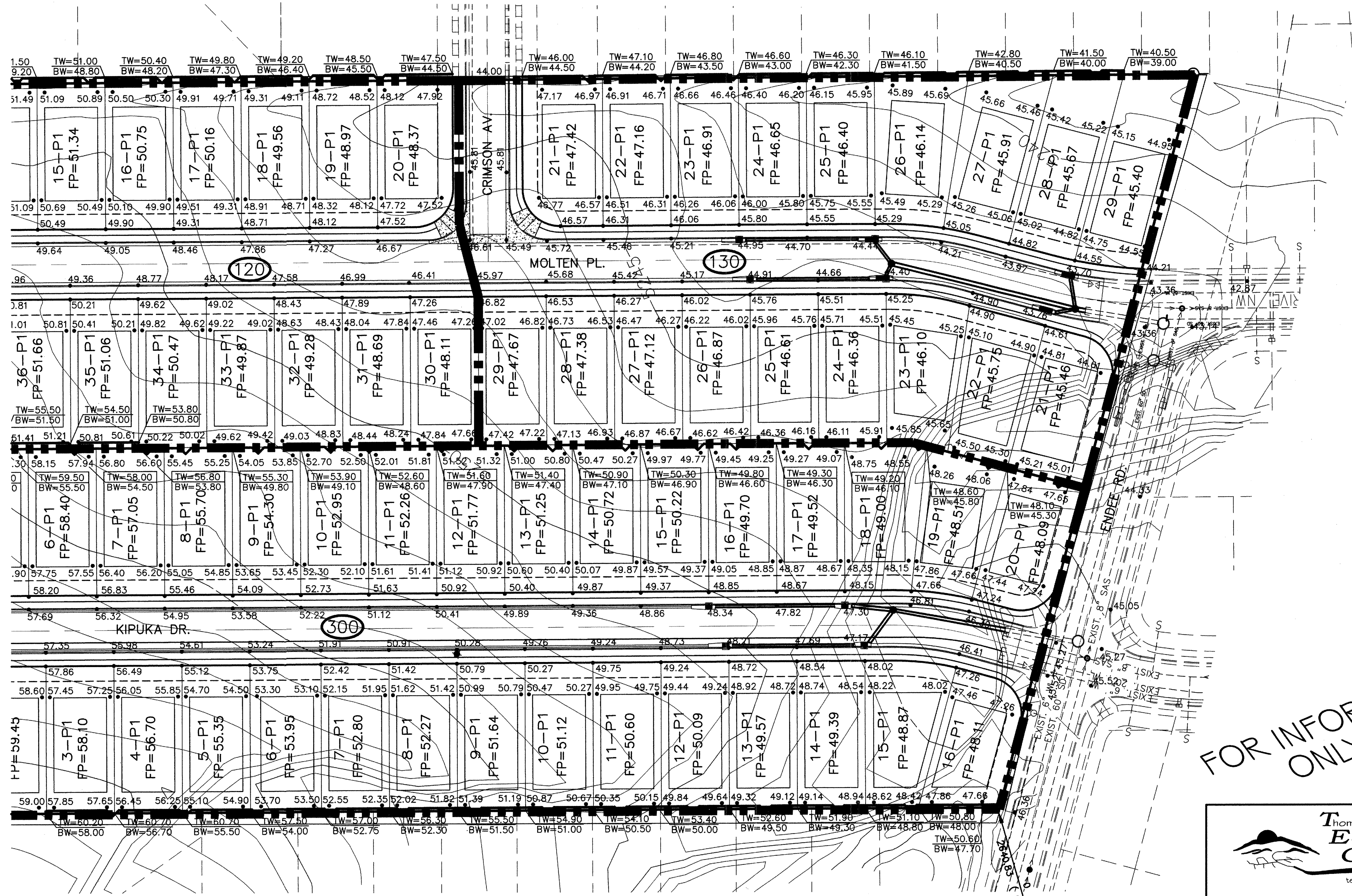
DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

For Information Only

City Project No. 727079 Zone Map No. J-9-Z Sheet 3 Of 21

SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
NO.	DATE	NGS MONUMENT "REWARD"	CONTRACTOR	WORK	DATE
		x= 350994.85 y=1487301.42		TRAINED BY	DATE
		Ground to Grid Factor:		ACCEPTANCE BY	DATE
		0.99967114		VERIFICATION BY	DATE
		ΔG= -00' 17" 11"		DRAWINGS	DATE
		NMSP CENTRAL ZONE		CORRECTED BY	DATE
		NAD 1927		RECORDED BY	DATE
				NO.	

SEE SHEET 3



LEGEND

- FP=09.07 FINISHED PAD SITE ELEVATION
- 60.23 PROPOSED SPOT ELEVATION
- TC=12.51 TOP OF CURB AND FLOWLINE ELEVATIONS
- PL=11.84
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED RETAINING WALL
- PROPOSED BASIN NUMBER

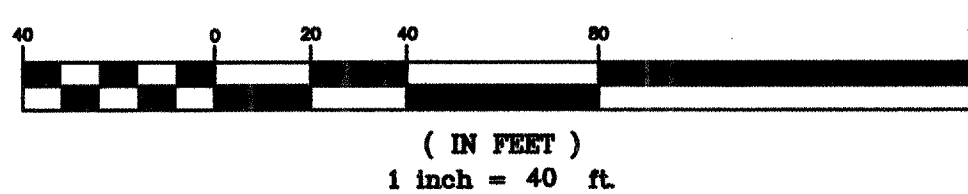
- PROPOSED MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED STANDARD CURB AND GUTTER
- PROPOSED MOUNTABLE CURB AND GUTTER
- PROPOSED BASIN BOUNDARY
- PROPOSED INLET
- PROPOSED WHEEL CHAIR RAMPS

APPROVED FOR ROUGH GRADING

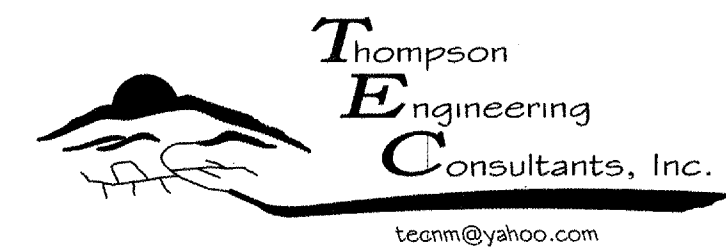
SIGNATURE _____ DATE _____

NOTE:
SEE SHEET 3 FOR VICINITY MAP AND DETAILS

GRAPHIC SCALE



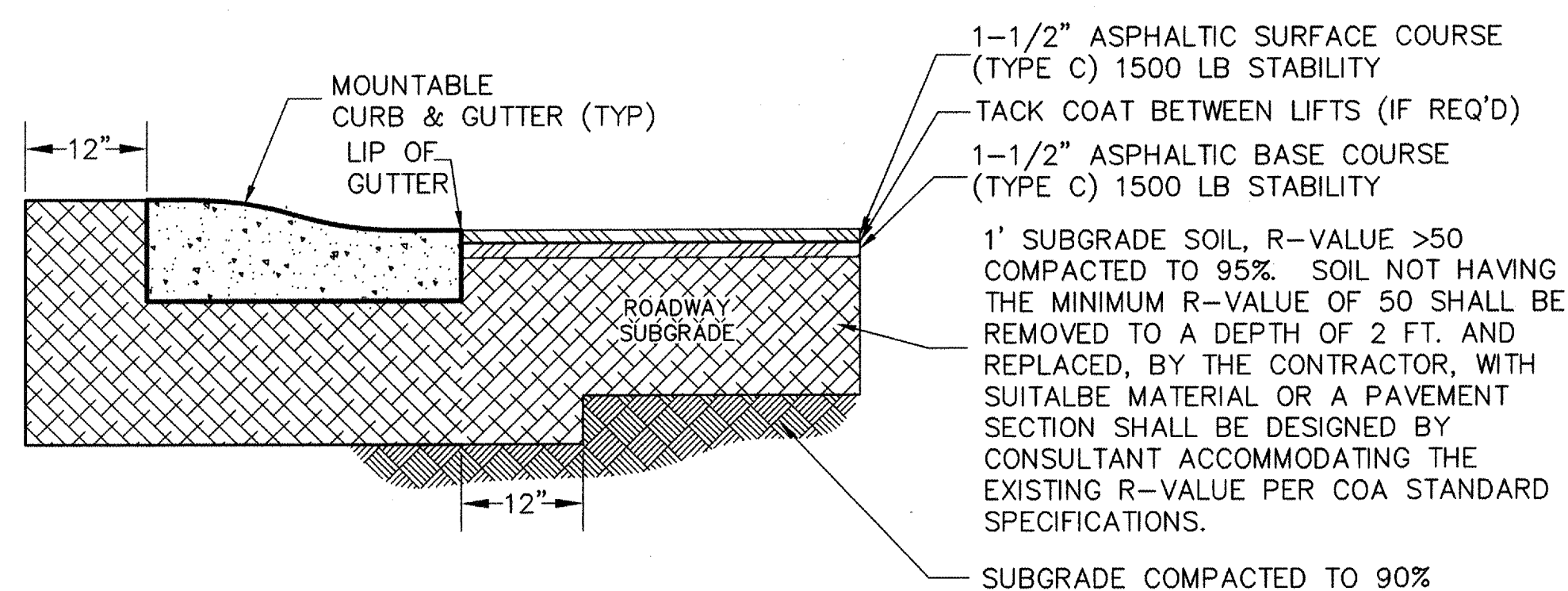
NGS MONUMENT "REWARD"
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y = 1487301.42
Ground to Grid Factor:
0.99967114
ΔG = -00' 17" 11"
NMSF CENTRAL ZONE
NAD 1927



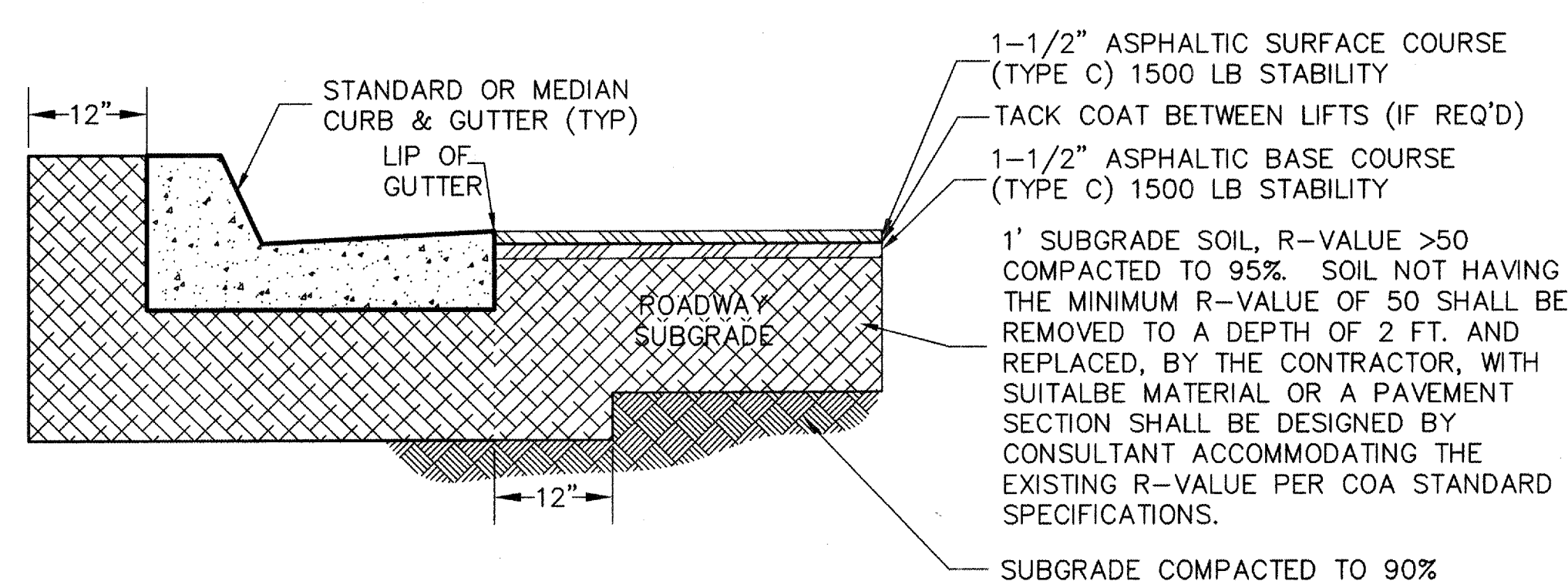
4800 JUAN TABO NE, SUITE C ALBUQUERQUE, NEW MEXICO 87111
PHONE: (505) 271-2199 FAX: (505) 237-8422

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TRANSPORTATION DEVELOPMENT		SUNDORO SOUTH UNIT 8 GRADING PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
For Information Only		DESIGNED BY DBT	DATE :
		DRAWN BY DEM	DATE :
City Project No. 727079		Zone Map No. J-9-Z	Sheet 4 Of 21

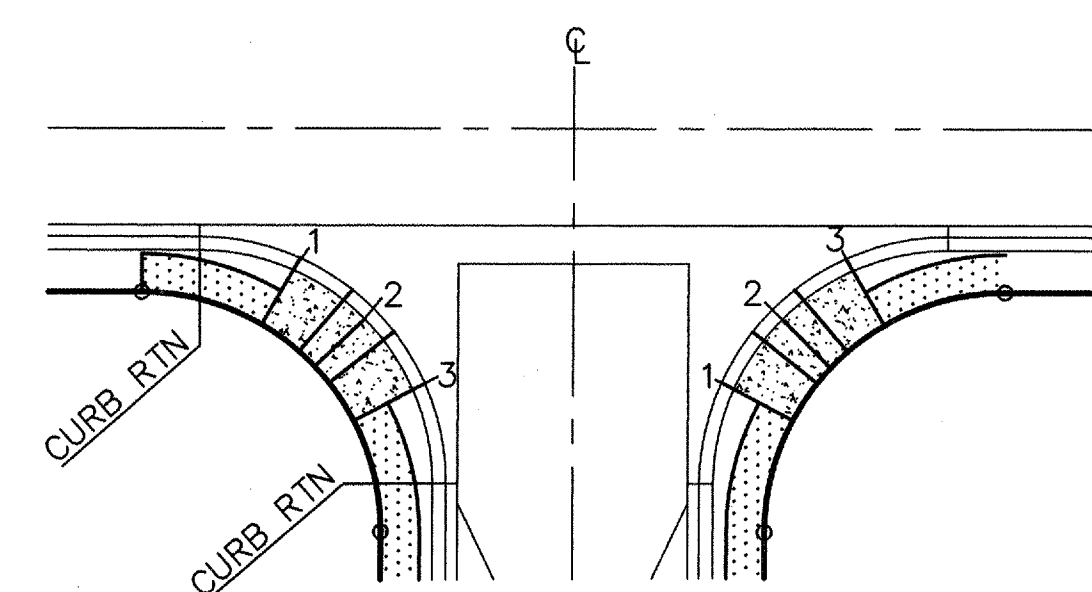
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
 12/3/05		FIELD NOTES		NGS MONUMENT "REWARD"		CONTRACTOR	
		NO. DATE		x = 350994.85 y = 1487301.42		WORK DONE BY	
REMARKS		BY		Ground to Grid Factor:		INSPECTOR'S	
NO. DATE		BY		0.99967114		DATE	
DESIGN		DATE :		ΔG = -00' 17" 11"		DRAWINGS	
DRAWN BY		DATE :		NMSF CENTRAL ZONE		CHECKED BY	
CHECKED BY		DATE :		NAD 1927		MICRO-FILM INFORMATION	
						RECORDED BY	
						DATE	
						NO.	



RESIDENTIAL PAVING SECTION – ROLLED CURB & GUTTER
(PER COA STD. DWG. No. 2405A) NTS

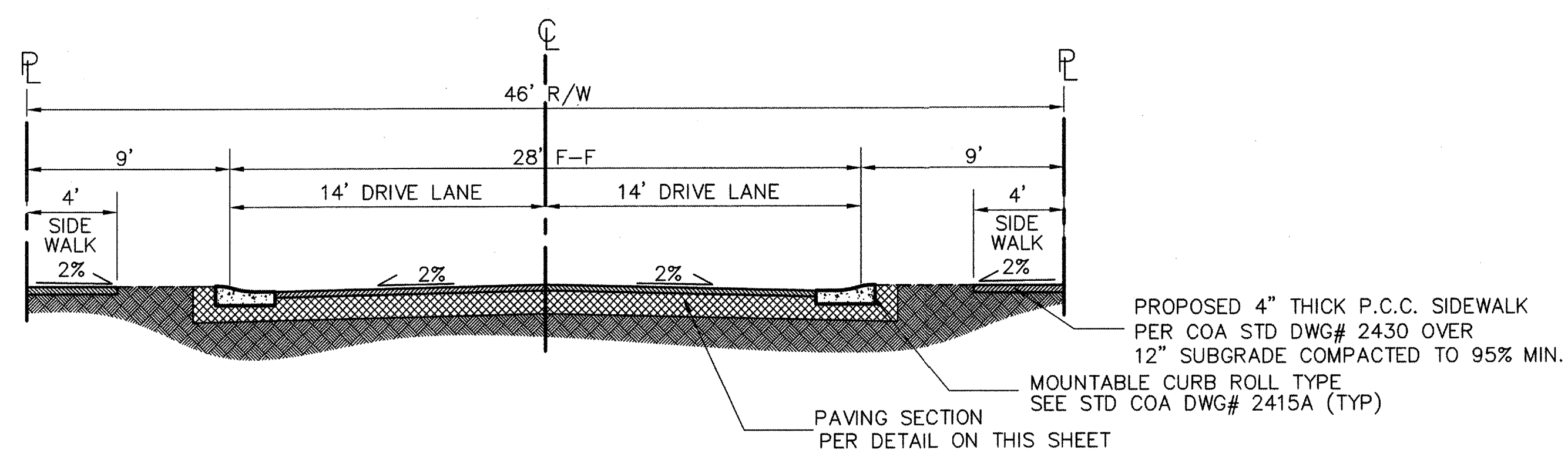


RESIDENTIAL PAVING SECTION – STANDARD CURB & GUTTER
(PER COA STD. DWG. No. 2405A) NTS

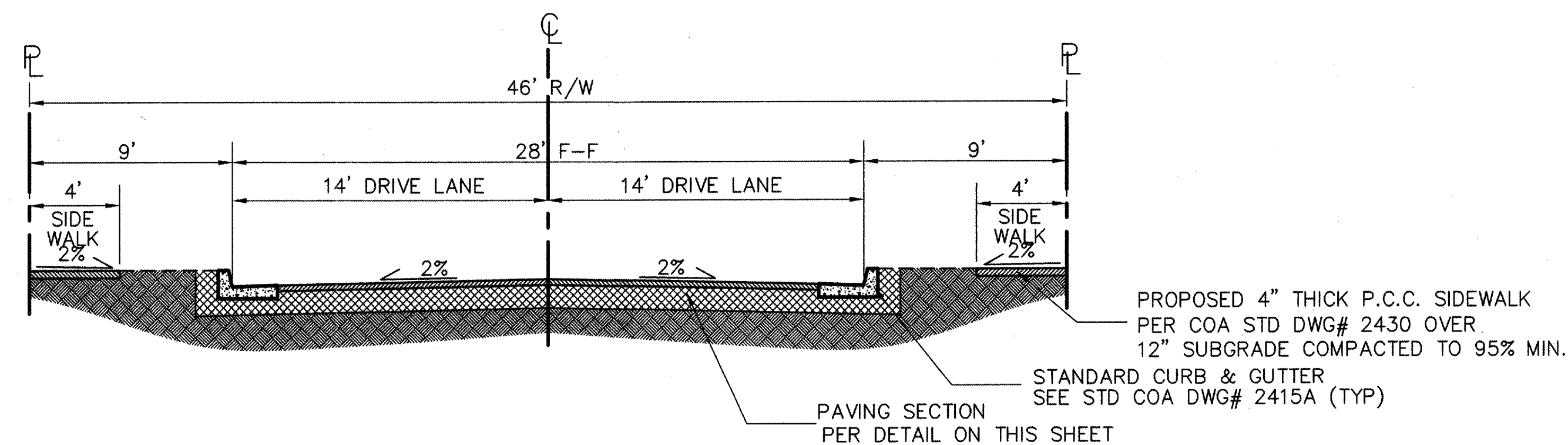


NOTE:
QUARTER POINT GRADES ARE REFERENCED AS 1, 2, & 3
ALONG THE FACE OF CURB IN A CLOCKWISE DIRECTION. C

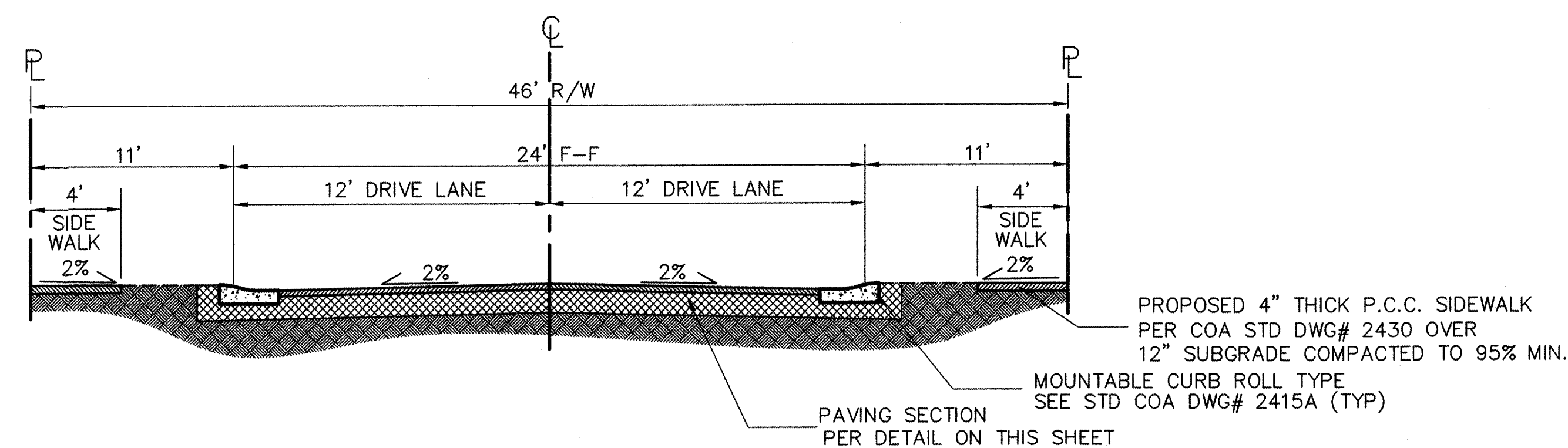
QUARTER POINT DETAIL
NTS



28' MOUNTABLE CURB TYPICAL SECTION

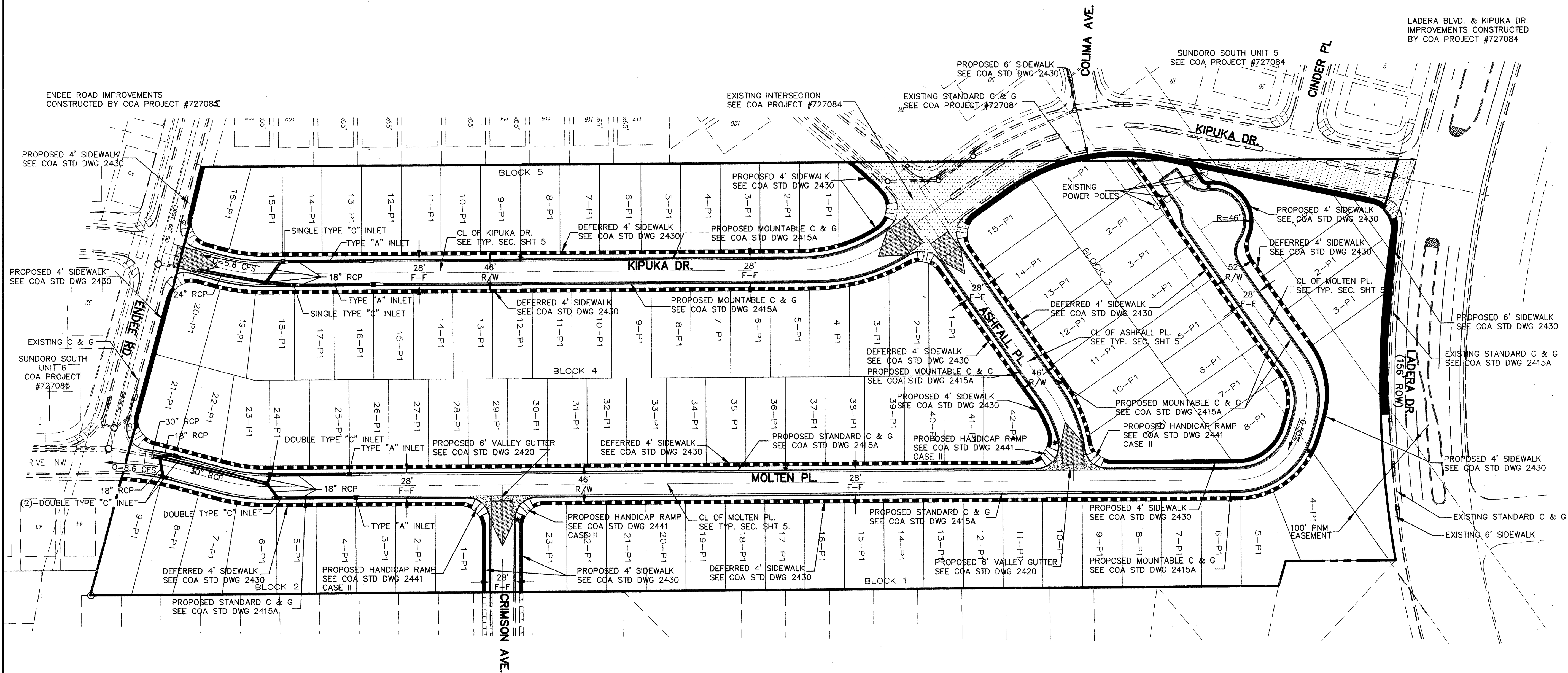


STANDARD CURB TYPICAL SECTION



24' MOUNTABLE CURB TYPICAL SECTION
NTS

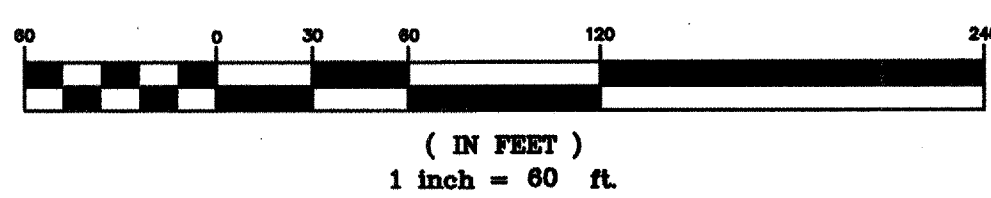
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LEGEND

- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM INLETS
- PROPOSED STREET LIGHT LOCATION
- CENTERLINE OF STREET
- PROPOSED PROPERTY BOUNDARY
- PROPOSED MOUNTABLE CURB & GUTTER SEE COA STD DWG 2415A
- PROPOSED STANDARD CURB & GUTTER SEE COA STD DWG 2415A
- DEFERRED SIDEWALK SEE COA STD DWG 2430
- PROPOSED SIDEWALK SEE COA STD DWG 2430
- PROPOSED VALLEY GUTTER SEE COA STD DWG 2420
- PROPOSED CROWN TO NO CROWN TRANSITION SEE COA STD DWG 2401
- PROPOSED HANDICAP RAMP CASE II SEE COA STD DWG 2441
- EXISTING CURB & GUTTER

GRAPHIC SCALE



Thompson Engineering Consultants, Inc.
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199 FAX: (505) 630-9426
tecrcm@yahoo.com

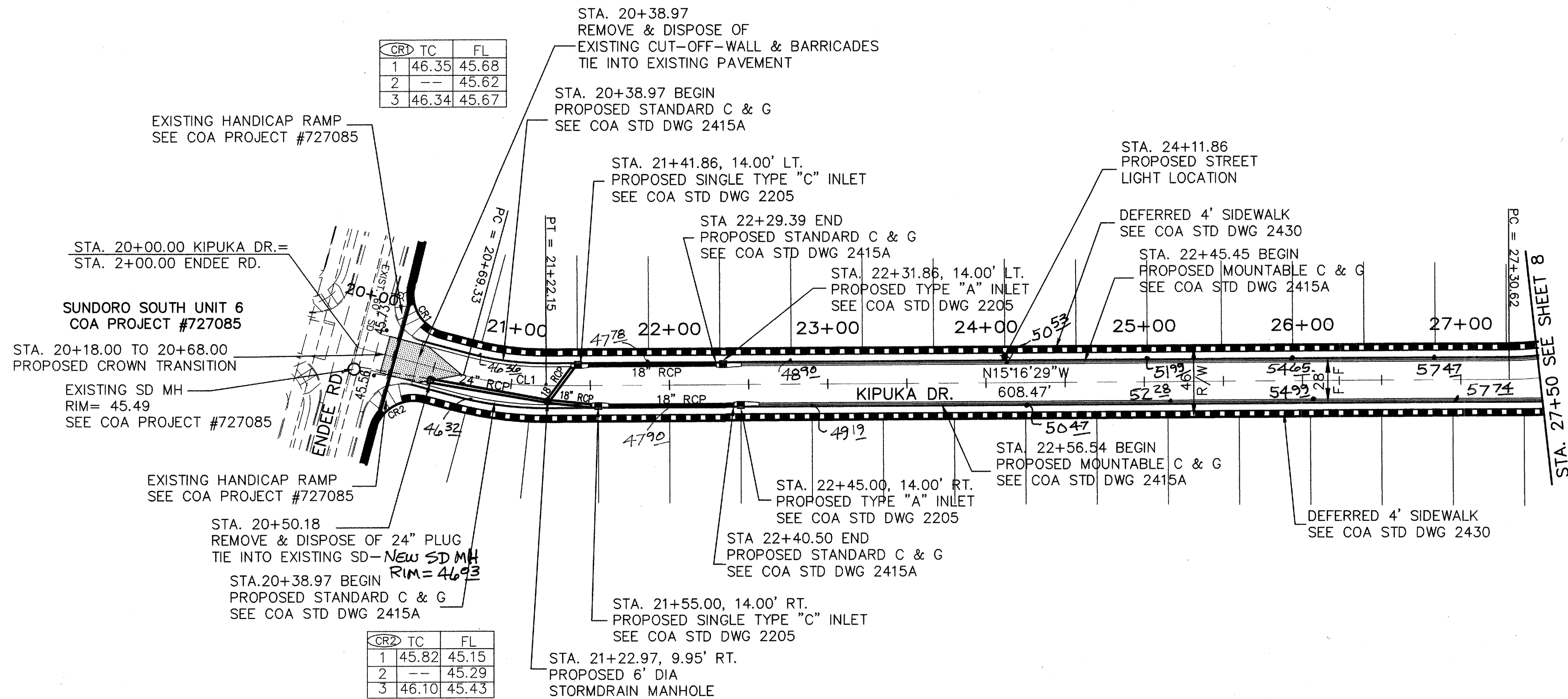
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT**

**SUNDORO SOUTH UNIT 8
OVERALL PAVING LAYOUT**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVE DEC 23 2005 DESIGN REVIEW COMMITTEE	APPROVE DEC 27 2005 CITY ENGINEER		

City Project No. 727079 Zone Map No. J-9-Z Sheet 6 Of 21

ENGINEER'S SEAL				SURVEY INFORMATION				BENCH MARK		AS BUILT INFORMATION	
				FIELD NOTES							
				NO.	BY	DATE					



KIPUKA DRIVE STA. 20+00 TO 27+50

SCALE
1" = 50' (HOR)
1" = 5' (VER)

- LEGEND**
- PROPOSED STORM DRAIN
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM INLETS
 - PROPOSED STREET LIGHT LOCATION
 - CENTERLINE OF STREET
 - PROPOSED PROPERTY BOUNDARY
 - PROPOSED MOUNTABLE CURB & GUTTER
SEE COA STD DWG 2415A
 - PROPOSED STANDARD CURB & GUTTER
SEE COA STD DWG 2415A
 - DEFERRED SIDEWALK
SEE COA STD DWG 2430
 - PROPOSED SIDEWALK
SEE COA STD DWG 2430
 - PROPOSED VALLEY GUTTER
SEE COA STD DWG 2420
 - PROPOSED CROWN TO NO CROWN TRANSITION
SEE COA STD DWG 2401
 - PROPOSED HANDICAP RAMP
CASE II
SEE COA STD DWG 2441
 - EXISTING CURB & GUTTER

CENTERLINE CURVE DATA TABLE

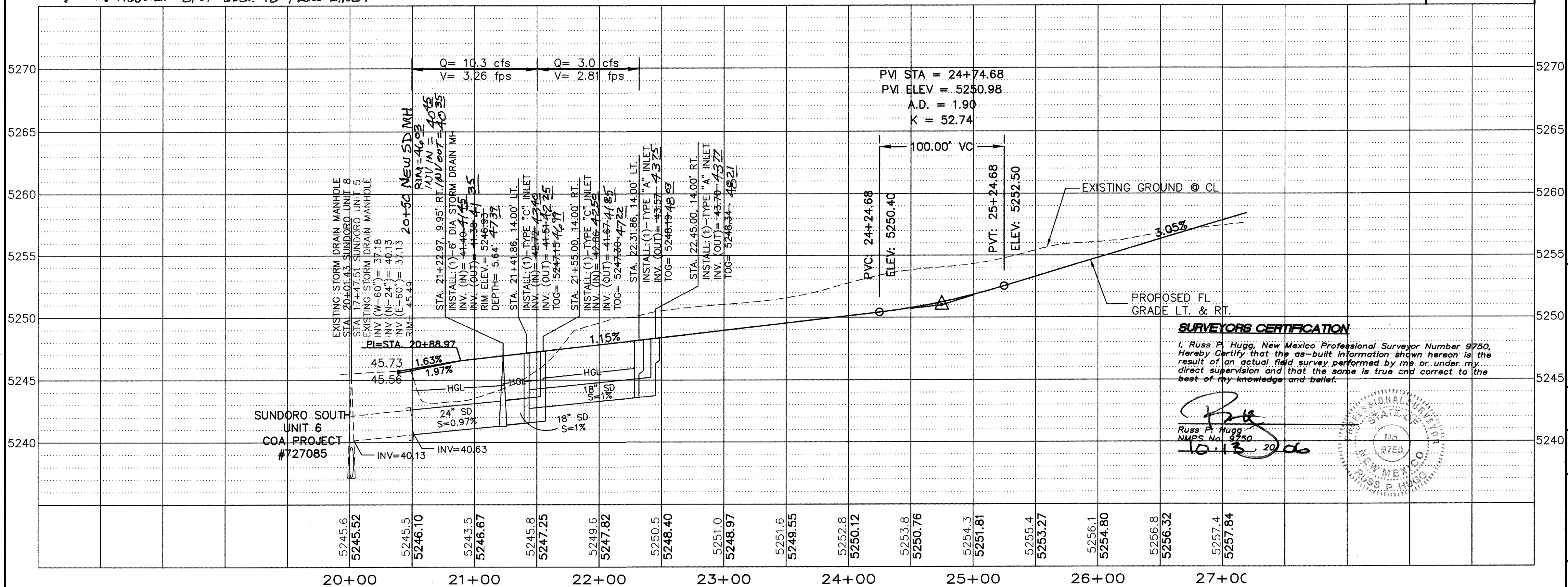
CURVE #	DELTA	RADIUS	TAN	LENGTH
CL1	1517'01"	198.00	26.57	52.82

CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CR1	90°00'00"	25.00	25.00	39.27
CR2	89°59'19"	25.00	25.00	39.26

NOTE:
FOR TYPICAL SECTIONS
SEE SHEET 5 OF THIS PLANSET

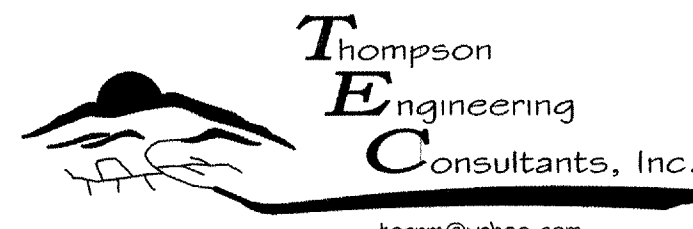
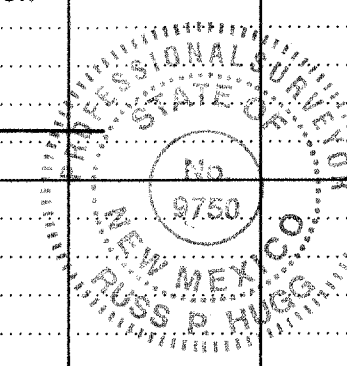
NOTE: ASBUILT SPOT ELEV. IS FLOW LINE.



SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Herby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
10.13.2006



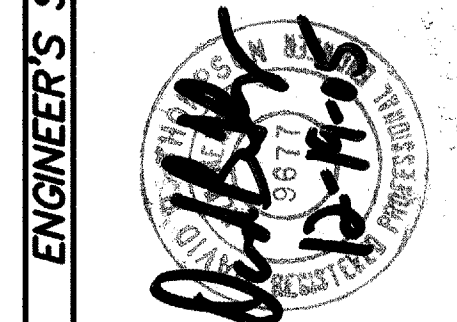
P.O. BOX 65760 ALBUQUERQUE, NM 87193 PHONE: (505) 271-2199 FAX: (505) 830-9428

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT**

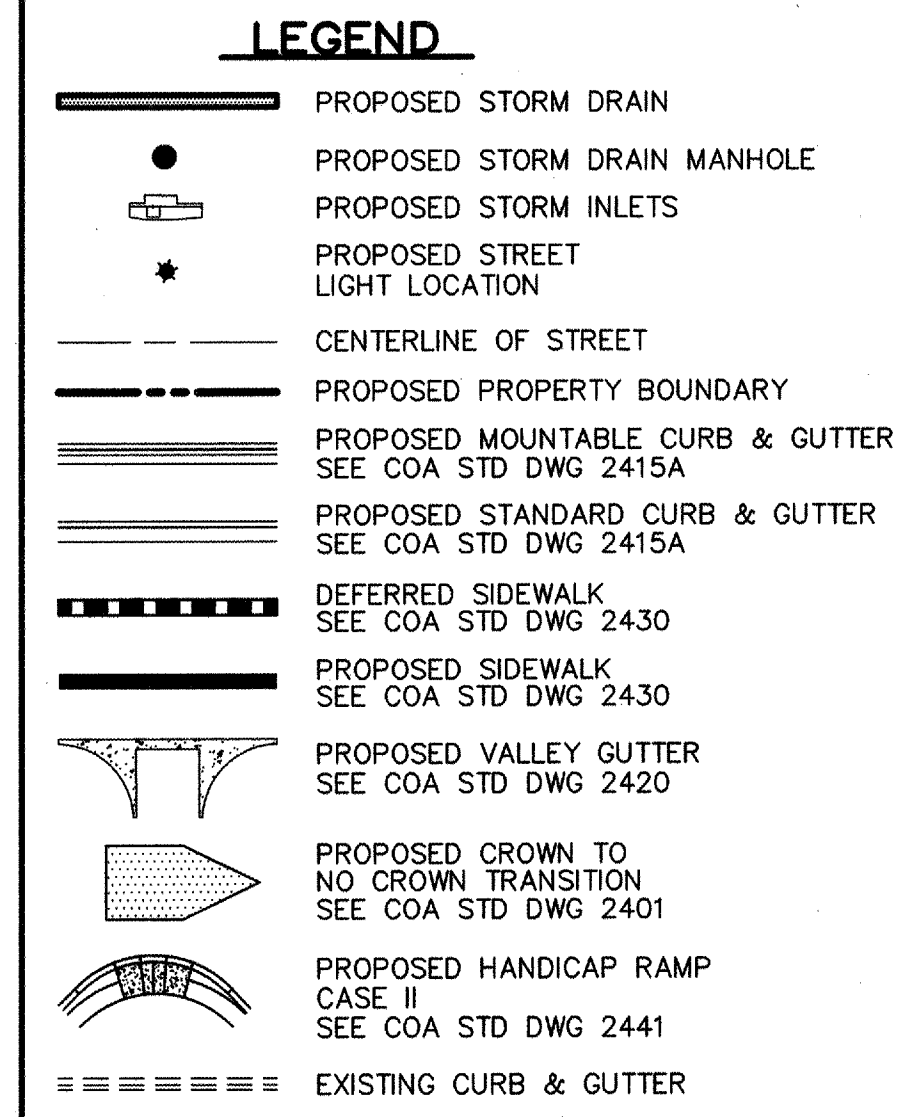
**SUNDORO SOUTH UNIT 8
KIPUKA DRIVE PAVING PLAN & PROFILE**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	MO./DAY/YR.
DEC 23 2006	APPROVED		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

City Project No. **727079** Zone Map No. **J-9-Z** Sheet **7** Of **21**

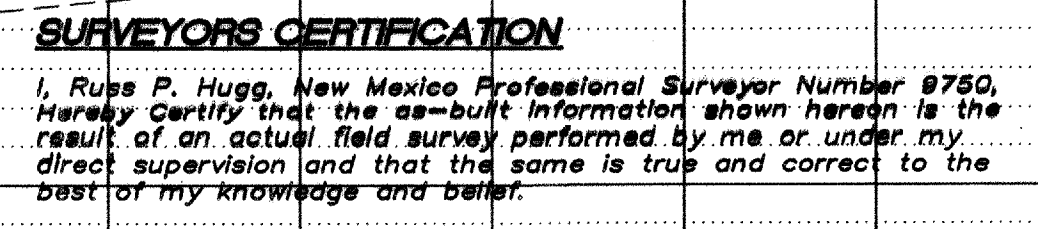


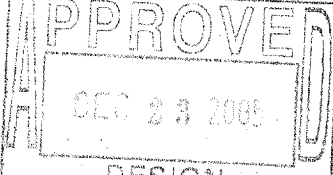
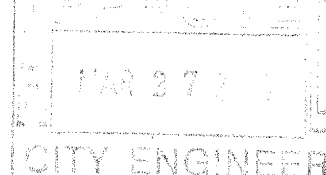
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
NO.	DATE	BY	DATE	CONTRACTOR	DATE	DATE	DATE
				NMSHD MONUMENT "1-40-21A"	354594.87	1488789.30	0.9996747



<u>CURVE #</u>	<u>DELTA</u>	<u>RADIUS</u>	<u>TAN</u>	<u>LENGTH</u>
CR3	64°44'19"	25.00	15.85	28.25
CR4	83°4'18"	25.00	22.15	36.25
CR5	90°00'00"	25.00	25.00	39.27
CR6	86°36'54"	30.00	28.28	45.35

NOTE: ASBUILT SPOT ELEV. IS FLOW LINE.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TRANSPORTATION DEVELOPMENT			
SUNDORO SOUTH UNIT 8			
KIPUKA DR PAVING PLAN & PROFILE			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
			
City Project No. 727079		Zone Map No. J-9-Z	Sheet 8 Of 21

CRD	TC	FL
1	44.32	43.65
2	44.34	43.66
3	44.34	43.67

STA. 10+47.42
REMOVE & DISPOSE OF 30" PLUG
TIE INTO EXISTING SD

STA. 10+54.00, 8.00' LT.
PROPOSED 6" DIA. STORM
DRAIN MANHOLE

STA. 10+37.84
REMOVAL OF EXISTING
CUT-OFF-WALL & BARRICADES
TIE INTO EXISTING PAVEMENT
EXISTING HANDICAP RAMP
(DONE BY OTHERS)

STA. 10+70.17, 14.00' LT.
INSTALL: (1)- DOUBLE TYPE "C" INLET
SEE COA STD DWG 2205

STA. 10+37.84 BEGIN
PROPOSED STANDARD C & G
SEE COA STD DWG 2415A

STA. 11+83.65, 14.00' LT.
INSTALL: (1)- DOUBLE TYPE "C" INLET
SEE COA STD DWG 2205

PROPOSED STANDARD C & G
SEE COA STD DWG 2415A

PROPOSED STANDARD C & G
SEE COA STD DWG 2415A

DEFERRED 4' SIDEWALK
SEE COA STD DWG 2430

STA. 17+68.65
PROPOSED STREET
LIGHT LOCATION

STA. 14+46.94 MOLTEN PL.=
STA. 40+00.00 CRIMSON AVE.

STA. 12+28.65, 14.00' LT
INSTALL: (1)- TYPE "A" INLET
SEE COA STD DWG 2205

STA. 9+96.93, 13.55' LT.
EXIST. 8" DIA MH
RIM = 43.37

STA. 10+13.73, 14.00' RT.
MATCH TO EXISTING C & G
AND MATCH TO EXISTING 4' SIDEWALK

PROPERTY BOUNDARY

STA. 10+60.64, 14.00' RT.
INSTALL: (1)- DOUBLE TYPE "C" INLET
SEE COA STD DWG 2205

STA. 10+37.84 BEGIN
PROPOSED STANDARD C & G
SEE COA STD DWG 2415A

STA. 11+80.00, 3.16' LT.
PROPOSED 6" DIA. STORM
DRAIN MANHOLE

STA. 11+90.74, 14.00' RT.
INSTALL: (1)- DOUBLE TYPE "C" INLET
SEE COA STD DWG 2205

DEFERRED 4' SIDEWALK
SEE COA STD DWG 2430

PROPOSED HANDICAP RAMP
SEE COA STD DWG 2441
CASE II

PROPOSED 6" VALLEY GUTTER
PER COA STD DWG 2420

CRD	TC	FL	STATION @ FL
PC	46.89	46.22	14+07.94, 14.00' RT.
1	46.87	46.20	1/4 ARC
2	46.18	46.18	1/2 ARC
3	46.90	46.23	3/4 ARC
PT	46.94	46.27	14+85.94, 14.00' RT.

CRD	TC	FL	STATION @ FL
PC	46.34	45.67	14+07.94, 14.00' RT.
1	46.48	45.81	1/4 ARC
2	45.94	45.94	1/2 ARC
3	46.75	46.08	3/4 ARC
PT	46.89	46.22	40+39.00, 14.00' RT.

MOLTEN PLACE STA. 10+00 TO 19+50

NOTE:
FOR TYPICAL SECTIONS
SEE SHEET 5 OF THIS PLANSET

SCALE
1" = 50' (HOR)
1" = 5' (VER)

LEGEND

- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM INLETS
- PROPOSED STREET LIGHT LOCATION
- CENTERLINE OF STREET
- PROPOSED PROPERTY BOUNDARY
- PROPOSED MOUNTABLE CURB & GUTTER
SEE COA STD DWG 2415A
- PROPOSED STANDARD CURB & GUTTER
SEE COA STD DWG 2415A
- DEFERRED SIDEWALK
SEE COA STD DWG 2430
- PROPOSED SIDEWALK
SEE COA STD DWG 2430
- PROPOSED VALLEY GUTTER
SEE COA STD DWG 2420
- PROPOSED CROWN TO NO CROWN TRANSITION
SEE COA STD DWG 2401
- PROPOSED HANDICAP RAMP
CASE II
SEE COA STD DWG 2441
- EXISTING CURB & GUTTER

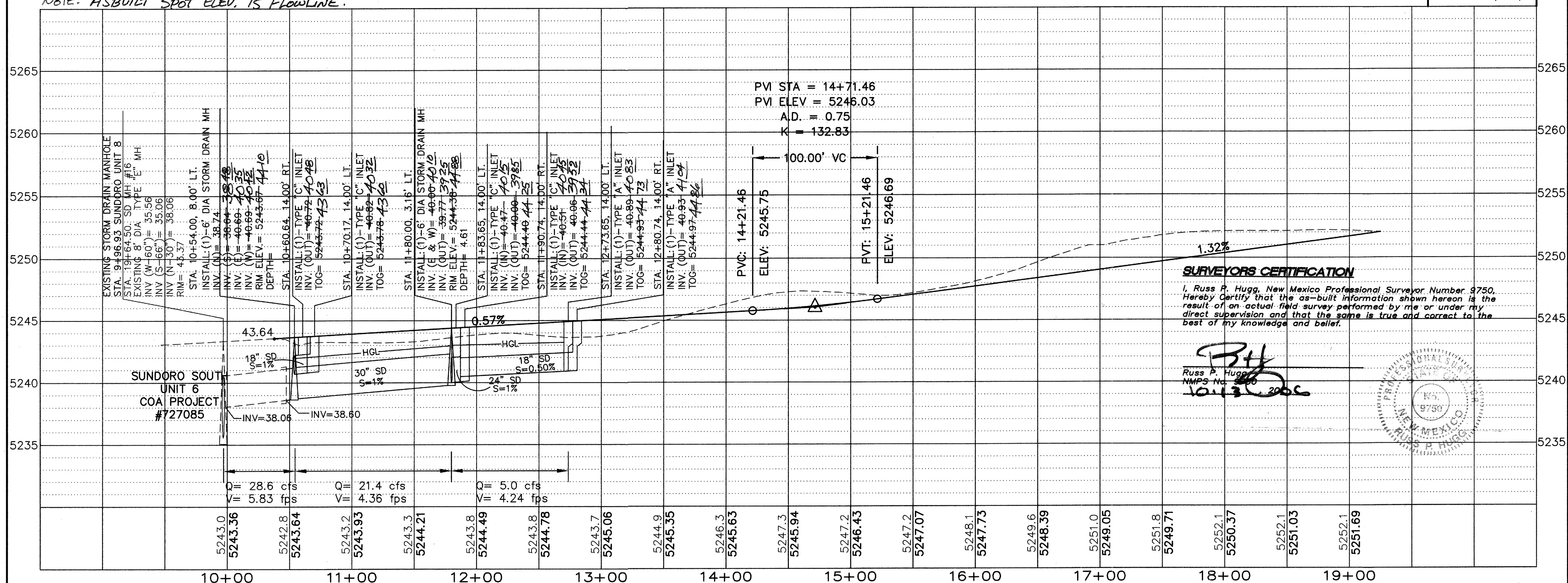
CENTERLINE CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CL5	1743'20"	250.56	39.06	77.50
CL6	1518'03"	200.00	26.86	53.41

CURVE DATA TABLE

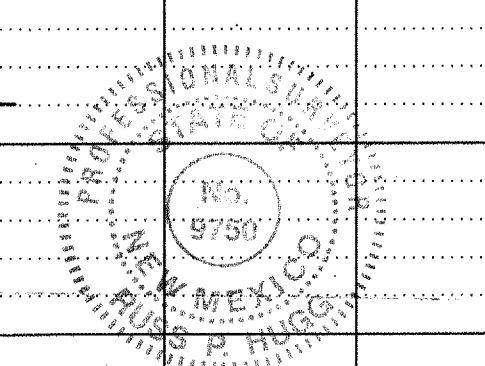
CURVE #	DELTA	RADIUS	TAN	LENGTH
CR7	89°59'39"	25.00	25.00	39.27
CR8	90°00'00"	25.00	25.00	39.27
CR9	90°00'00"	25.00	25.00	39.27

NOTE: AS-BUILT SPOT ELEV. IS FLOWLINE.



SURVEYORS CERTIFICATION
I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750,
Hereby Certify that the as-built information shown hereon is the
result of an actual field survey performed by me or under my
direct supervision and that the same is true and correct to the
best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
10/13/2006



Thompson Engineering Consultants, Inc.
tecnm@yahoo.com

P.O. BOX 65760 ALBUQUERQUE, NM 87193 PHONE: (505) 271-2199 FAX: (505) 630-9428

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT**

SUNDORO SOUTH UNIT 8 MOLTEN PLACE PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE
DEC 5 2006
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
CITY ENGINEER

City Project No.
727079

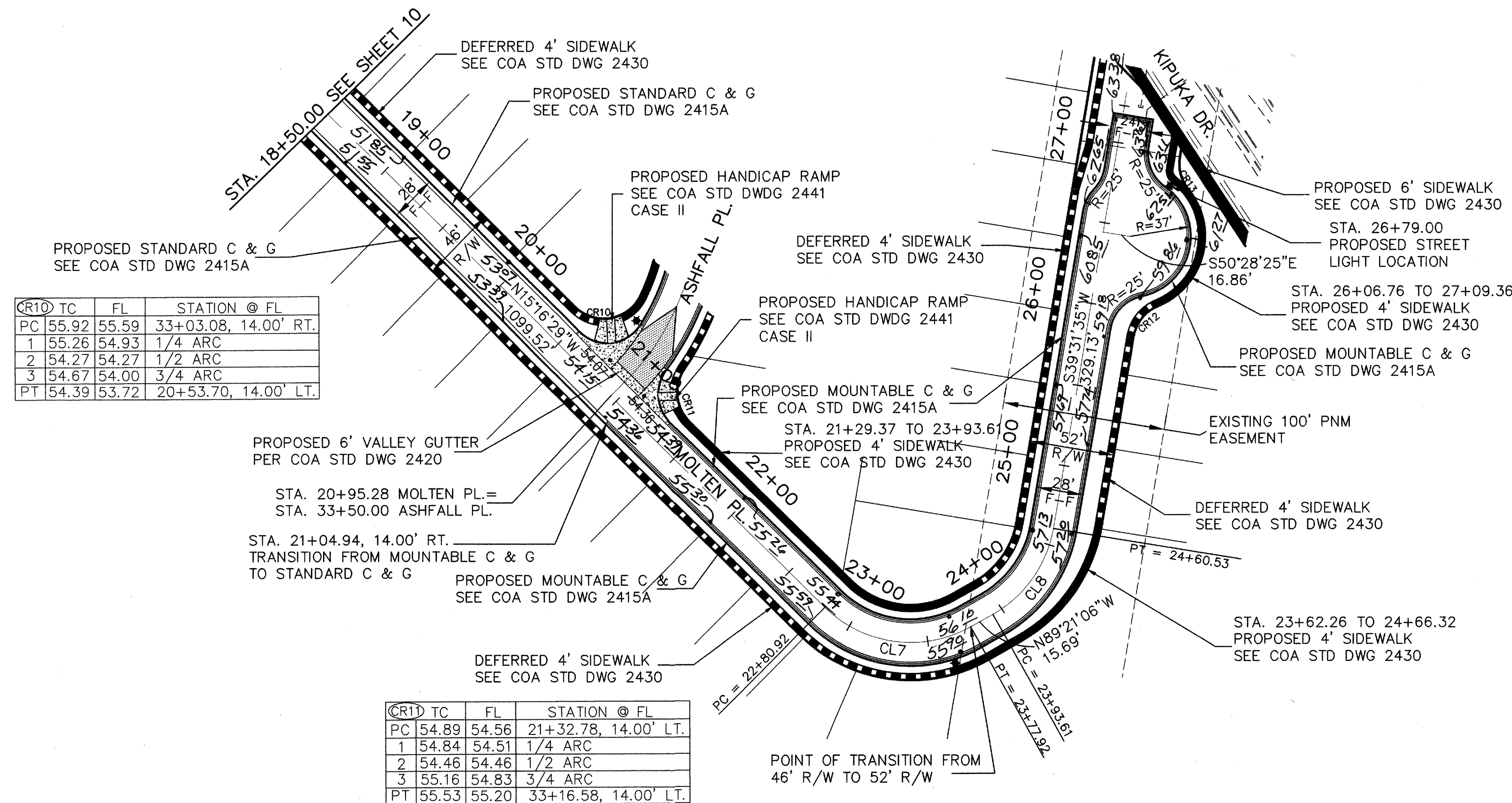
Zone Map No.
J-9-Z

Sheet 10 of 21

04/06

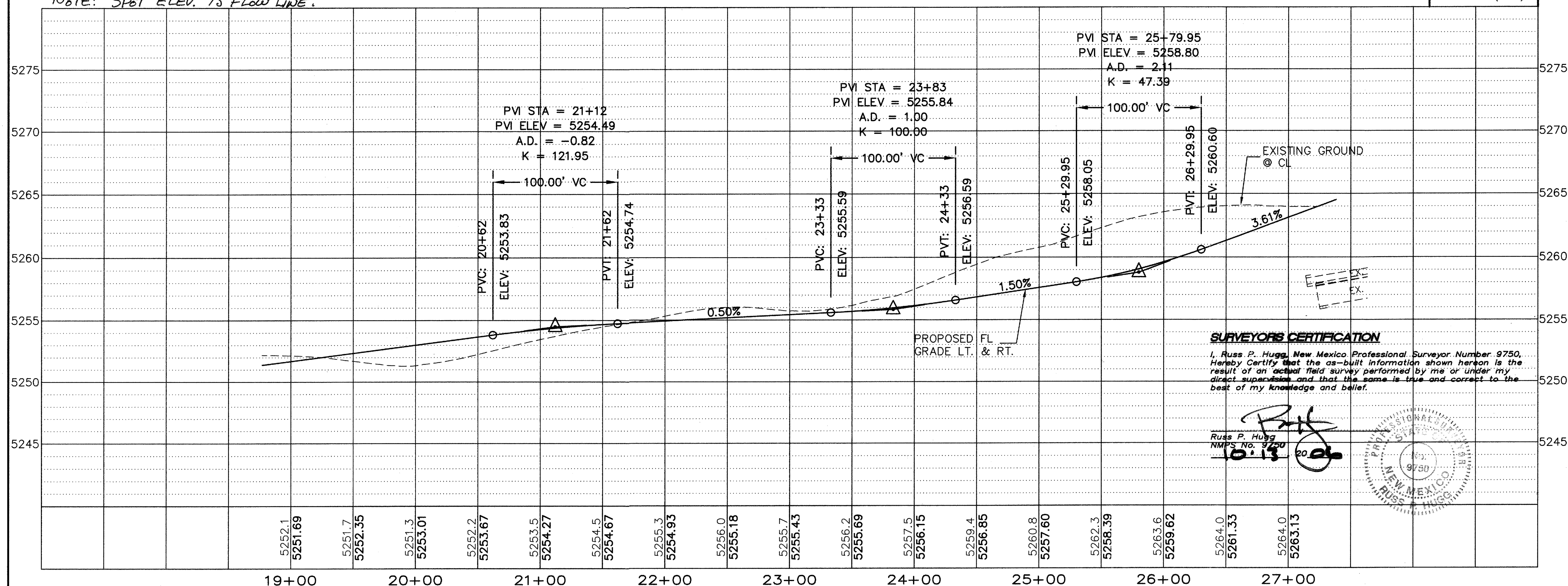
10/06

10/06



NOTE:
FOR TYPICAL SECTIONS
SEE SHEET 5 OF THIS PLANSET

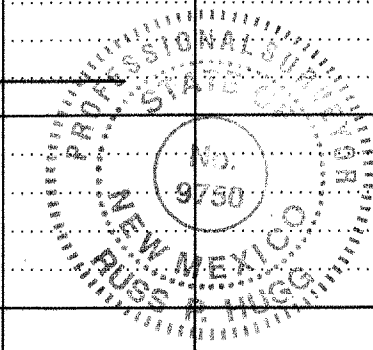
NOTE: SPOT ELEV. IS FLOW LINE



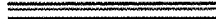
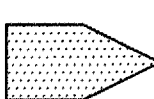
SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750
Herby Certify that the as-built information shown hereon is the
result of an actual field survey performed by me or under my
direct supervision and that the same is true and correct to the
best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
10.13 20.04



LEGEND

- | | |
|---|---------------------------------------|
|  | PROPOSED STORM DRAIN |
|  | PROPOSED STORM DRAIN MANHOLE |
|  | PROPOSED STORM INLETS |
|  | PROPOSED STREET LIGHT LOCATION |
|  | CENTERLINE OF STREET |
|  | PROPOSED PROPERTY BOUNDARY |
|  | PROPOSED MOUNTABLE CURB & GUTTER |
|  | PROPOSED STANDARD CURB & GUTTER |
|  | DEFERRED SIDEWALK |
| | SEE COA STD DWG 2430 |
|  | PROPOSED SIDEWALK |
| | SEE COA STD DWG 2430 |
|  | PROPOSED VALLEY GUTTER |
| | SEE COA STD DWG 2420 |
|  | PROPOSED CROWN TO NO CROWN TRANSITION |
| | SEE COA STD DWG 2401 |
|  | PROPOSED HANDICAP RAMP CASE II |
| | SEE COA STD DWG 2441 |
|  | EXISTING CURB & GUTTER |

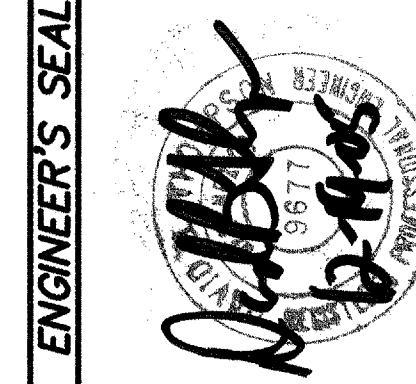
CENTERLINE CURVE DATA TABLE

<u>CURVE #</u>	<u>DELTA</u>	<u>RADIUS</u>	<u>TAN</u>	<u>LENGTH</u>
CL7	74°06'33"	75.00	56.63	97.01
CL8	51°07'19"	75.00	35.87	66.92

CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CR10	108°47'02"	25.00	34.91	47.47
CR11	80°27'06"	25.00	21.15	35.10
CR12	58°27'34"	25.00	13.99	25.51
CR13	48°29'15"	25.00	11.26	21.16

SCALE
1" = 50' (HOR)
1" = 5' (VER)



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ALBUQUERQUE, NM 87193 FAX: (505) 830-9428

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 8

MOLTEN PLACE PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE

APPROVE

DEC 23 1960

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MAR 27 1991

CITY ENGINEER

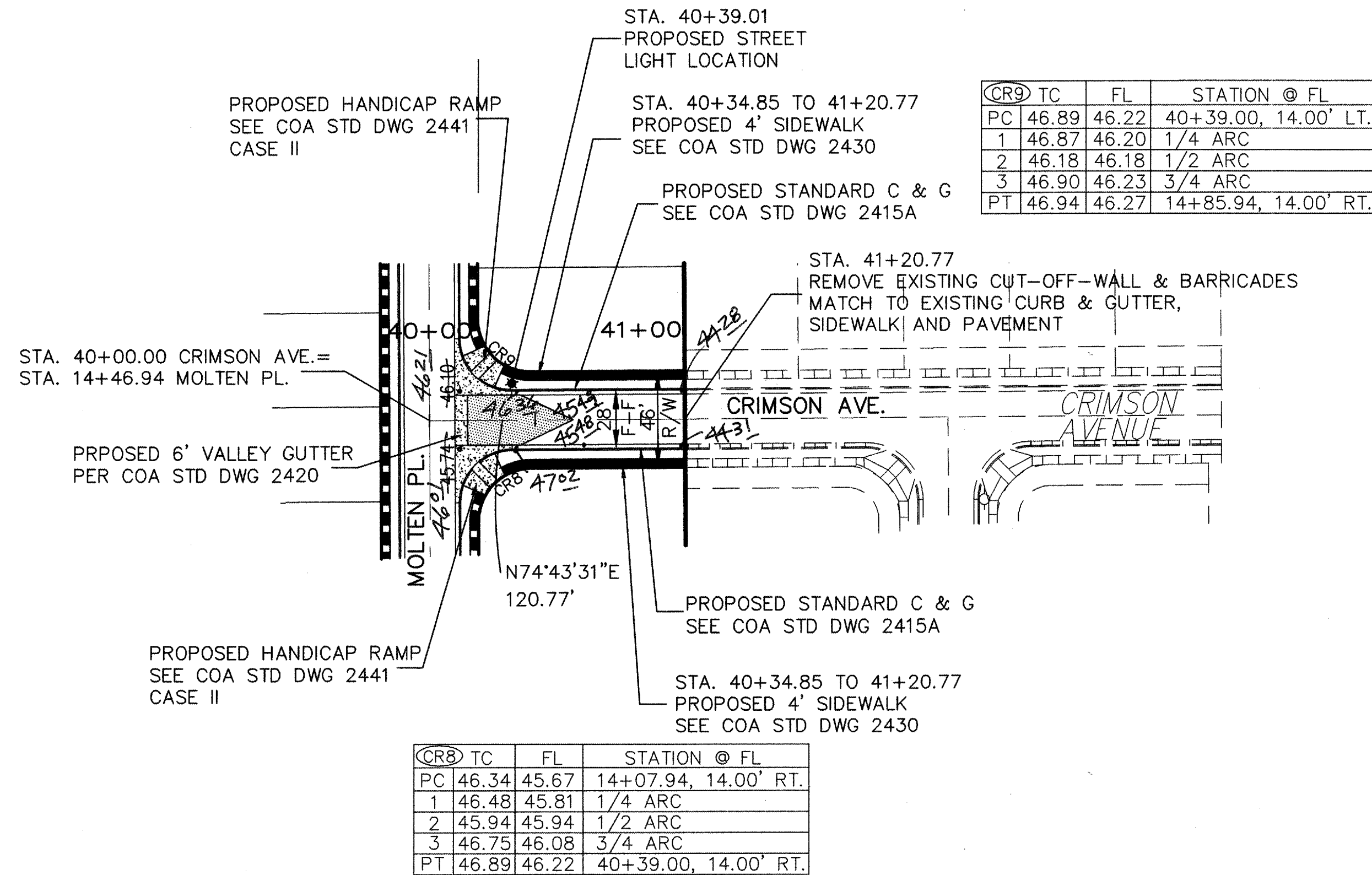
MO./DAY/YR.	MO./DAY/YR.
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City Project No.
727079

Zone Map No.	J-9-Z
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Sheet	Of
11	21



- LEGEND**
- PROPOSED STORM DRAIN
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM INLETS
 - PROPOSED STREET LIGHT LOCATION
 - CENTERLINE OF STREET
 - PROPOSED PROPERTY BOUNDARY
 - PROPOSED MOUNTABLE CURB & GUTTER SEE COA STD DWG 2415A
 - PROPOSED STANDARD CURB & GUTTER SEE COA STD DWG 2415A
 - DEFERRED SIDEWALK SEE COA STD DWG 2430
 - PROPOSED SIDEWALK SEE COA STD DWG 2430
 - PROPOSED VALLEY GUTTER SEE COA STD DWG 2420
 - PROPOSED CROWN TO NO CROWN TRANSITION SEE COA STD DWG 2401
 - PROPOSED HANDICAP RAMP CASE II SEE COA STD DWG 2441
 - EXISTING CURB & GUTTER

CURVE DATA TABLE

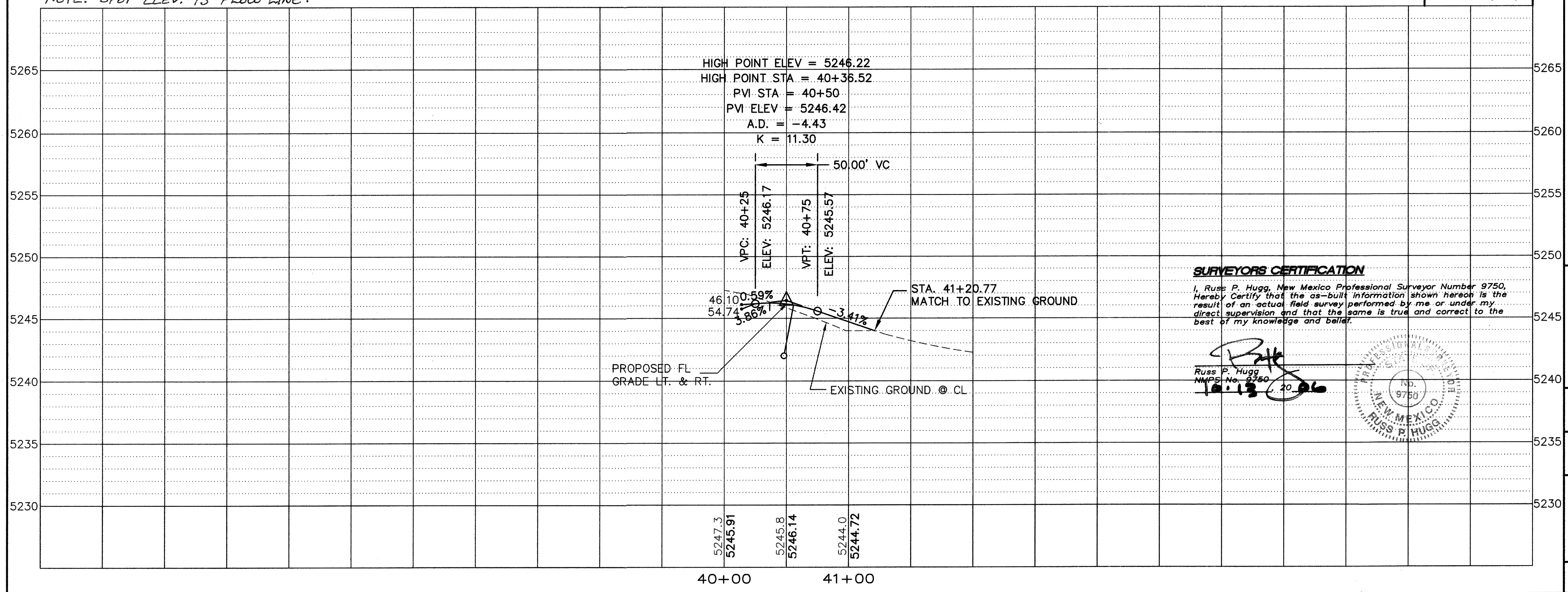
CURVE #	DELTA	RADIUS	TAN	LENGTH
CR8	90°00'00"	25.00	25.00	39.27
CR9	90°00'00"	25.00	25.00	39.27

NOTE:
FOR TYPICAL SECTIONS
SEE SHEET 5 OF THIS PLANSET

NOTE: SPOT ELEV. IS FLOW LINE.

CRIMSON AVENUE
STA. 40+00 TO 41+20.77

SCALE
1" = 50' (HOR)
1" = 5' (VER)



SURVEYORS CERTIFICATION
I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Hereby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg
New Mexico Professional Surveyor
No. 9750
12-13-05

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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT**

**SUNDORO SOUTH UNIT 8
CRIMSON AVENUE PAVING PLAN & PROFILE**

DESIGN REVIEW COMMITTEE	CITY-ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
DEC 23 2005			

City Project No. **727079** Zone Map No. **J-9-Z** Sheet **12** Of **21**

AS BUILT INFORMATION

CONTRACTOR: **NMSHD MONUMENT 1-40-21A**

WORK STAKED BY: **354594.87**

DATE: **12-13-05**

FIELD INFORMATION BY: **Ground to Grid Factor: 0.9996747**

DATE: **12-13-05**

RECORDED BY: **NAD 1927**

DATE: **12-13-05**

ENGINEER'S SEAL

DESIGN

DESIGNED BY DBT: **DATE**

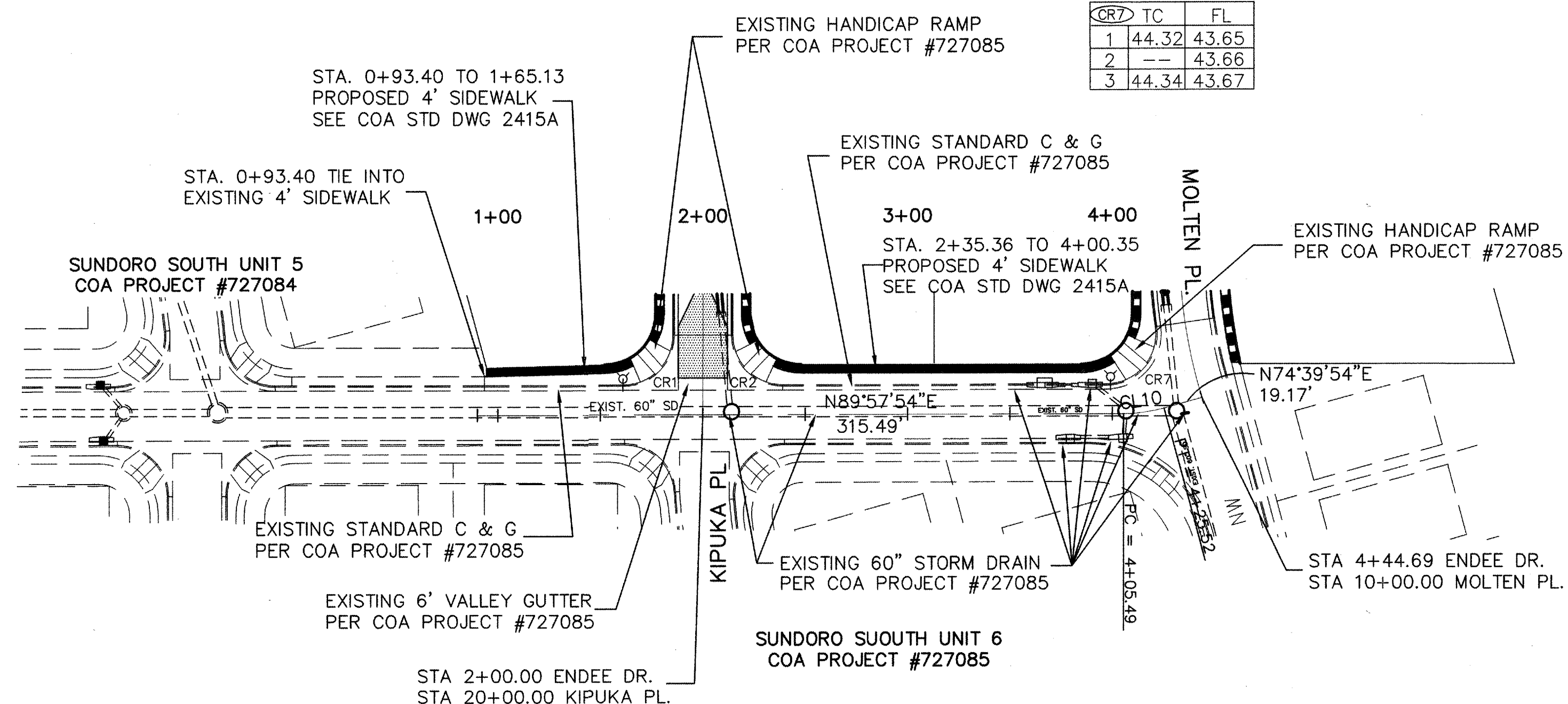
DRAWN BY DBT: **DATE**

CHECKED BY DBT: **DATE**

CR1	TC	FL
1	46.35	45.68
2	--	45.62
3	46.34	45.67

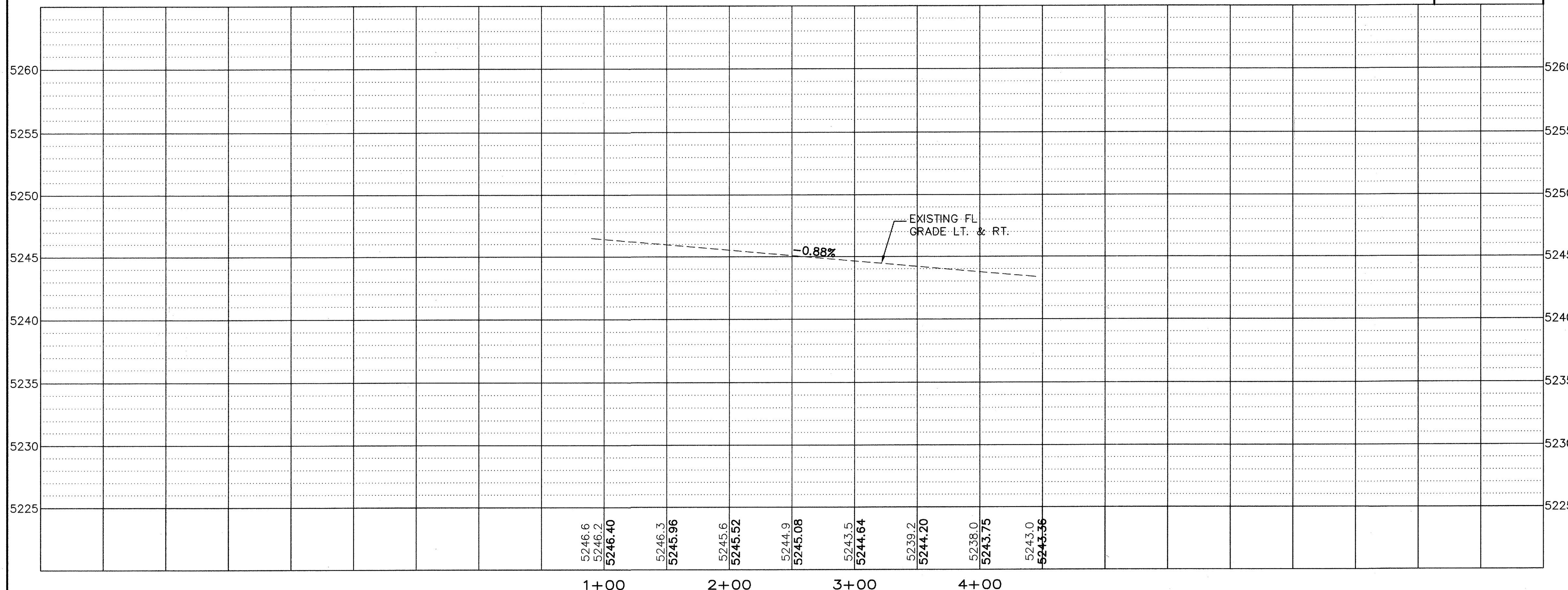
CR2	TC	FL
1	45.82	45.15
2	--	45.29
3	46.10	45.43

CR7	TC	FL
1	44.32	43.65
2	--	43.66
3	44.34	43.67



NOTE:
FOR TYPICAL SECTIONS
SEE SHEET 5 OF THIS PLANSET

ENDEE DRIVE
STA. 0+90.00 TO 4+44.69



SCALE
1" = 50' (HOR)
1" = 5' (VER)

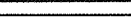
LEGEND

- 
PROPOSED STORM DRAIN

PROPOSED STORM DRAIN MANHOLE

PROPOSED STORM INLETS

PROPOSED STREET LIGHT LOCATION

CENTERLINE OF STREET

PROPOSED PROPERTY BOUNDARY

PROPOSED MOUNTABLE CURB & GUTTER

PROPOSED STANDARD CURB & GUTTER

DEFERRED SIDEWALK

PROPOSED SIDEWALK

PROPOSED VALLEY GUTTER

PROPOSED CROWN TO NO CROWN TRANSITION

PROPOSED HANDICAP RAMP

EXISTING CURB & GUTTER

CURVE #	DELTA	RADIUS	TAN	LENGTH
CL10	15°18'00"	75.00	10.07	20.03

<u>CURVE #</u>	<u>DELTA</u>	<u>RADIUS</u>	<u>TAN</u>	<u>LENGTH</u>
CR1	90°00'00"	25.00	25.00	39.27
CR2	89°59'19"	25.00	25.00	39.26
CR7	89°59'39"	25.00	25.00	39.27

[illegible]

RESTRAINED JOINTS LENGTHS, L_r, FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT)

SIZE	HIGH END	LOW END	HIGH END	LOW END
8"	27	5	10	1

RESTRAINED JOINTS LENGTHS, L_r, FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT)

SIZE	90°	45°	22 1/2°	11 1/4°
20	—	20	—	—
12	30	12	6	3
10	26	11	5	3
8	22	9	4	2
6	17	7	3	2
4	12	5	2	1

RESTRAINED JOINTS LENGTHS, L_r, FOR REDUCERS, (FT.) ALL JOINTS AT THE TEE MUST BE RESTRAINED.

SIZE	RUN	BRANCH
12x12x12	15	17
12x12x10	10	18
12x12x8	6	19
12x12x6	3	19
12x12x4	1	19
10x10x10	12	18
10x10x8	8	15
10x10x6	4	16
10x10x4	2	4
8x8x8	9	20
8x8x6	5	17
8x8x4	2	15
6x6x6	6	20
6x6x4	2	20

RESTRAINED JOINTS LENGTHS, L_r, FOR REDUCERS, (FT.) MINIMUM UNOBSTRUCTED, STRAIGHT-RUN LENGTH: RESTRAIN EITHER LARGE PIPE, OR SMALL PIPE

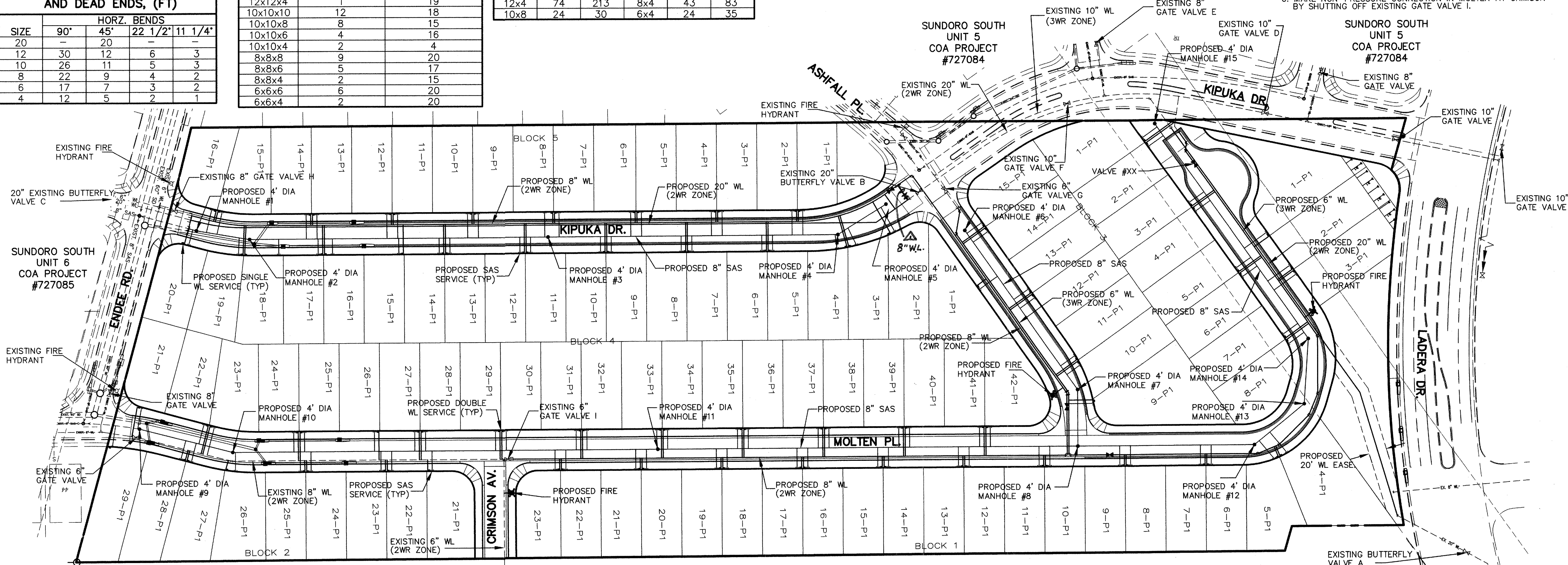
SIZE	LARGE SIDE	SMALL SIDE	SIZE	LARGE SIDE	SMALL SIDE
12x10	25	30	10x6	44	73
12x8	45	68	10x4	58	141
12x6	62	121	8x6	25	33
12x4	74	213	8x4	43	83
10x8	24	30	6x4	24	35

UTILITY NOTES:

- CONTRACTOR RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES PRIOR TO WORK.
- PROPOSED 20" WL HAS 4' MIN. COVER
- PROPOSED 6" & 8" WL HAS 3' MIN. COVER
- ALL PROPOSED MANHOLE LIDS TO MATCH WITH PROPOSED PAVEMENT
- CITY STANDARDS TO BE USED ON ALL UTILITIES UNLESS OTHERWISE NOTED.
- ELECTRONIC MARKER DISCS (EMD'S) MUST BE INSTALLED ON WATER LINE AND SANITARY SEWER LINE APPURTENANCES AS PER CITY SPEC. SECTION 170.
- ALL WATER SERVICE LINES AND WATER METERS SHALL BE 3/4".

WATER SHUT OFF PLAN:

- CONTRACTOR TO CONTACT WATER SYSTEMS AT 857-8200, SEVEN (7) DAYS PRIOR TO WATER SHUT OFF.
- VALVES SHALL BE OPERATED BY CITY WATER EMPLOYEES ONLY.
- MAKE A NON-PRESSURE CONNECTION IN LADERA AT EAST BOUNDARY AND IN KIPUKA AT ASHFALL BY SHUTTING OFF EXISTING BUTTERFLY VALVES A, B AND C.
- MAKE NON-PRESSURE CONNECTION IN KIPUKA AT END OF MOLTEN BY SHUTTING OFF EXISTING GATE VALVES D, E AND F.
- MAKE NON-PRESSURE CONNECTION IN KIPUKA AT ENDEE BY SHUTTING OFF EXISTING GATE VALVE H.
- MAKE NON-PRESSURE CONNECTION IN MOLTEN AT CRIMSON BY SHUTTING OFF EXISTING GATE VALVE I.



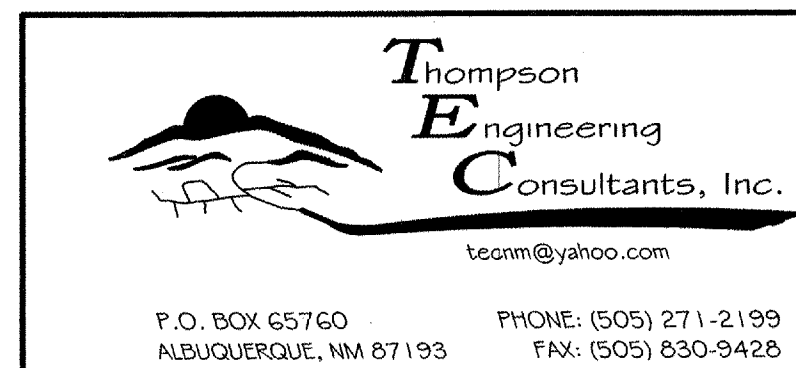
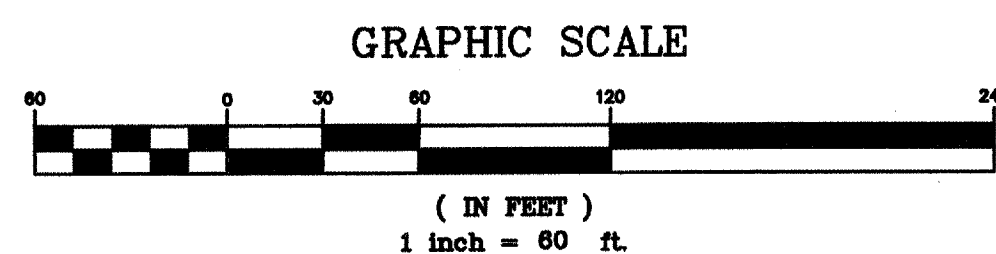
BLOCK 1 SAS SERVICE HOOK-UP				WATER MAIN LINE SPUR			
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE	
1	25+66.11	29.00 RT.	53.16	25+61.11	29.00 RT.	SINGLE	
2	25+21.11	29.00 RT.	52.40	25+16.11	29.00 RT.	DOUBLE	
3	25+09.11	29.00 RT.	52.20	25+14.11	29.00 RT.	DOUBLE	
4	23+20.80	23.00 RT.	49.92	23+14.55	23.00 RT.	DOUBLE	
5	23+08.71	23.00 RT.	49.95	23+12.57	23.00 RT.	DOUBLE	
6	22+45.93	23.00 RT.	49.35	22+40.94	23.00 RT.	DOUBLE	
7	22+33.93	23.00 RT.	49.28	22+38.94	23.00 RT.	DOUBLE	
8	21+55.93	23.00 RT.	48.81	21+51.44	23.00 RT.	DOUBLE	
9	21+43.93	23.00 RT.	48.74	21+48.94	23.00 RT.	DOUBLE	
10	20+65.93	23.00 RT.	48.10	20+61.43	23.00 RT.	DOUBLE	
11	20+53.93	23.00 RT.	47.97	20+58.93	23.00 RT.	DOUBLE	
12	19+75.93	23.00 RT.	47.11	19+70.94	23.00 RT.	DOUBLE	
13	19+63.93	23.00 RT.	46.98	19+68.94	23.00 RT.	DOUBLE	
14	18+85.93	23.00 RT.	46.11	18+80.94	23.00 RT.	DOUBLE	
15	18+73.93	23.00 RT.	45.98	18+78.94	23.00 RT.	DOUBLE	
16	17+95.93	23.00 RT.	45.13	17+90.93	23.00 RT.	DOUBLE	
17	17+83.93	23.00 RT.	45.00	17+88.93	23.00 RT.	DOUBLE	
18	17+05.93	23.00 RT.	44.15	17+00.93	23.00 RT.	DOUBLE	
19	16+93.93	23.00 RT.	44.02	16+98.93	23.00 RT.	DOUBLE	
20	16+15.93	23.00 RT.	43.07	16+10.93	23.00 RT.	DOUBLE	
21	16+03.93	23.00 RT.	42.07	16+08.93	23.00 RT.	DOUBLE	
22	15+25.93	23.00 RT.	40.78	15+20.93	23.00 RT.	DOUBLE	
23	15+13.93	23.00 RT.	40.58	15+18.93	23.00 RT.	DOUBLE	
BLOCK 2 SAS SERVICE HOOK-UP				WATER MAIN LINE SPUR			
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE	
1	13+76.73	23.00 RT.	40.13	13+71.74	23.00 RT.	SINGLE	
2	13+31.73	23.00 RT.	39.88	13+26.74	23.00 RT.	DOUBLE	
3	13+19.73	23.00 RT.	39.62	13+24.74	23.00 RT.	DOUBLE	
4	12+19.73	23.00 RT.	39.37	12+36.74	23.00 RT.	DOUBLE	
5	12+29.73	23.00 RT.	39.11	12+34.74	23.00 RT.	DOUBLE	
6	11+59.83	23.00 RT.	38.88	11+49.90	23.00 RT.	SINGLE	
7	11+12.92	23.00 RT.	38.64	11+07.90	23.00 RT.	DOUBLE	
8	11+00.92	23.00 RT.	38.37	11+05.90	23.00 RT.	DOUBLE	
9	10+17.79	23.00 RT.	38.10	10+12.21	23.00 RT.	SINGLE	

BLOCK 3 SAS SERVICE HOOK-UP				WATER MAIN LINE SPUR			
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE	
1	27+33.69	23.00 LT.	55.91	27+28.69	23.00 LT.	DOUBLE	
2	27+21.69	23.00 LT.	55.70	27+26.69	23.00 LT.	DOUBLE	
3	26+43.69	23.00 LT.	54.37	26+38.69	23.00 LT.	DOUBLE	
4	26+31.69	23.00 LT.	54.17	26+36.69	23.00 LT.	DOUBLE	
5	25+53.67	23.00 LT.	52.84	25+48.67	23.00 LT.	DOUBLE	
6	25+41.67	23.00 LT.	52.64	25+46.67	23.00 LT.	DOUBLE	
7	24+63.57	23.00 LT.	51.31	24+57.80	23.00 LT.	DOUBLE	
8	24+47.54	23.00 LT.	51.04	24+54.99	23.00 LT.	DOUBLE	
9	33+07.10	23.00 LT.	50.95	33+03.56	23.00 LT.	SINGLE	
10	32+67.25	23.00 LT.	51.76	32+63.04	23.00 LT.	DOUBLE	
11	32+56.75	23.00 LT.	51.92	32+61.28	23.00 LT.	DOUBLE	
12	31+80.99	23.00 LT.	53.08	31+75.99	23.00 LT.	DOUBLE	
13	31+68.99	23.00 LT.	53.26	31+73.99	23.00 LT.	DOUBLE	
14	30+90.99	23.00 LT.	54.42	30+85.99	23.00 LT.	DOUBLE	
15	30+78.99	23.00 LT.	54.60	30+83.99	23.00 LT.	DOUBLE	
BLOCK 4 SAS SERVICE HOOK-UP				WATER MAIN LINE SPUR			
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE	
1	31+37.51	23.00 RT.	53.73	31+32.51	23.00 RT.	SINGLE	
2	28+25.92	23.00 RT.	55.41	28+21.67	23.00 RT.	DOUBLE	
3	27+87.25	23.00 RT.	54.20	27+79.60	23.00 RT.	DOUBLE	
4	27+67.95	23.00 RT.	53.76	27+77.85	23.00 RT.	DOUBLE	
5	27+00.99	23.00 RT.	51.72	26+95.99	23.00 RT.	DOUBLE	
6	26+88.99	23.00 RT.	51.35	26+93.99	23.00 RT.	DOUBLE	
7	26+10.99	23.00 RT.	48.97	26+05.99	23.00 RT.	DOUBLE	
8	25+98.99	23.00 RT.	48.60	26+03.99	23.00 RT.	DOUBLE	
9	25+20.99	23.00 RT.	46.22	25+15.99	23.00 RT.	DOUBLE	
10	24+08.99	23.00 RT.	45.85	24+13.99	23.00 RT.	DOUBLE	
11	24+30.99	23.00 RT.	44.90	24+25.99	23.00 RT.	DOUBLE	
12	24+18.99	23.00 RT.	44.58	24+23.99	23.00 RT.	DOUBLE	
13	23+40.99	23.00 RT.	43.87	23+35.99	23.00 RT.	DOUBLE	
14	23+28.99	23.00 RT.	43.51	23+33.99	23.00 RT.	DOUBLE	
15	22+83.99	23.00 RT.	43.19	22+88.99	23.00 RT.	SINGLE	
16	22+10.00	23.00 RT.	42.67	22+00.99	23.00 RT.	DOUBLE	
17	21+93.99	23.00 RT.	42.31	21+98.99	23.00 RT.	DOUBLE	
18	21+50.00	23.00 RT.	41.97	21+13.07	23.00 RT.	DOUBLE	
19	21+06.79	23.00 RT.	41.48	21+11.26	23.00 RT.	DOUBLE	
20	20+54.43	23.00 RT.	41.06	20+49.43	23.00 RT.	SINGLE	
21	10+46.11	23.00 LT.	38.43	10+41.52	23.00 LT.	SINGLE	

BLOCK 5 SAS SERVICE HOOK-UP				WATER MAIN LINE SPUR			
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE	
1	27+35.47	23.00 LT.	53.23	27+30.35	23.00 LT.	DOUBLE	
2	27+22.85	23.00 LT.	52.87	27+27.85	23.00 LT.	DOUBLE	
3	26+44.85	23.00 LT.	50.49	26+39.85	23.00 LT.	DOUBLE	
4	26+32.85	23.00 LT.	50.13	26+37.85	23.00 LT.	DOUBLE	
5	25+54.85	23.00 LT.	47.85	25+49.85	23.00 LT.	DOUBLE	
6	25+42.85	23.00 LT.	47.39	25+47.85	23.00 LT.	DOUBLE	
7	24+62.85	23.00 LT.	45.42	24+57.85	23.00 LT.	DOUBLE	
8	24+46.85	23.00 LT.	44.96	24+55.85	23.00 LT.	DOUBLE	
9	23+72.85	23.00 LT.	44.15	23+67.85	23.00 LT.	DOUBLE	
10	23+60.85	23.00 LT.	44.02	23+65.85	23.00 LT.	DOUBLE	
11	22+82.85	23.00 LT.	43.12	22+77.85	23.00 LT.	DOUBLE	
12	22+70.85	23.00 LT.	42.99	22+75.85	23.00 LT.	DOUBLE	
13	21+92.86	23.00 LT.	42.42	21+87.86	23.00 LT.	DOUBLE	
14	21+80.86	23.00 LT.	42.29	21+85.86	23.00 LT.	DOUBLE	
15	20+82.52	23.00 LT.	41.14	20+76.85	23.00 LT.	DOUBLE	
16	20+68.98	23.00 LT.	41.01	20+74.61	23.00 LT.	DOUBLE	

LEGEND

- EXISTING SAS MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM DRAIN MANHOLE
- EXISTING WATER LINE
- EXISTING SAS LINE
- PROPOSED SANITARY SEWER
- PROPOSED SAS MANHOLE PER COA STD DWG 2102
- PROPOSED SANITARY SEWER SERVICE LINE PER COA STD DWGS
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT PER COA STD DWG 2340
- PROPOSED GATE VALVE PER COA STD DWGS
- PROPOSED CROSS, TEE, OR ELBOW PER COA STD DWGS
- PROPOSED SINGLE METER, WATER SERVICE LINE PER COA STD DWGS
- PROPOSED DOUBLE METER, WATER SERVICE LINES PER COA STD DWGS

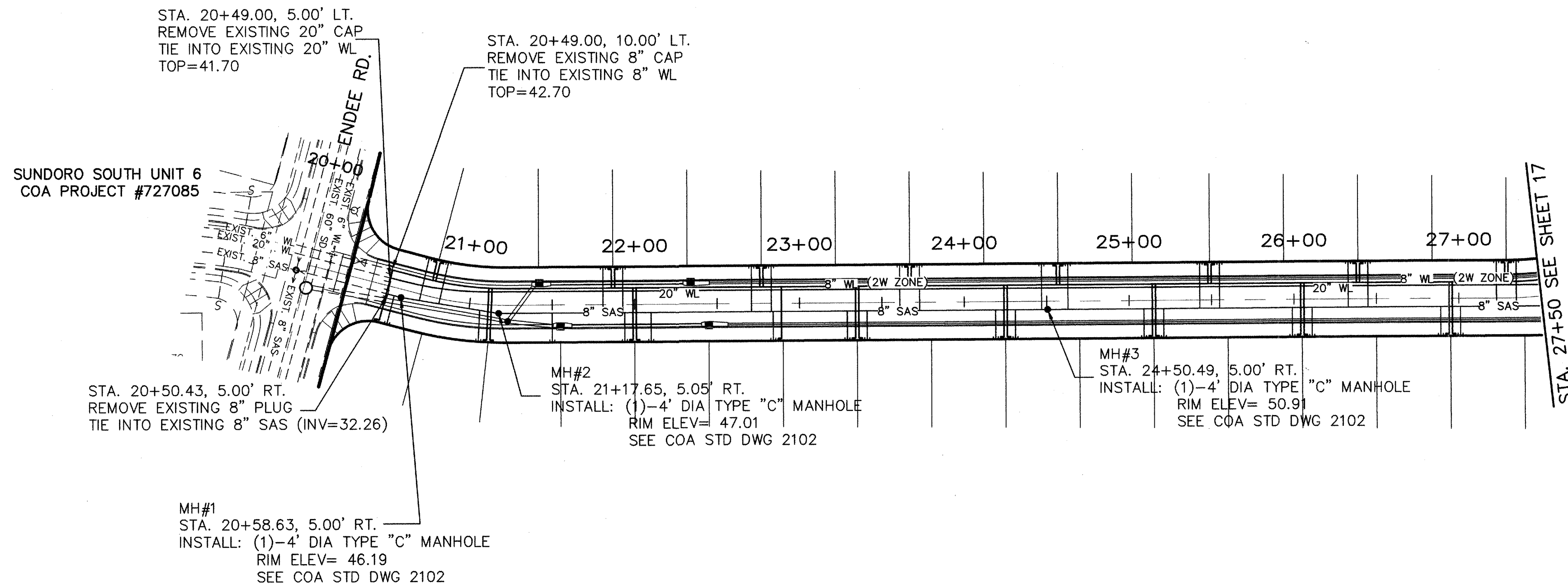


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 8
OVERALL UTILITY LAYOUT

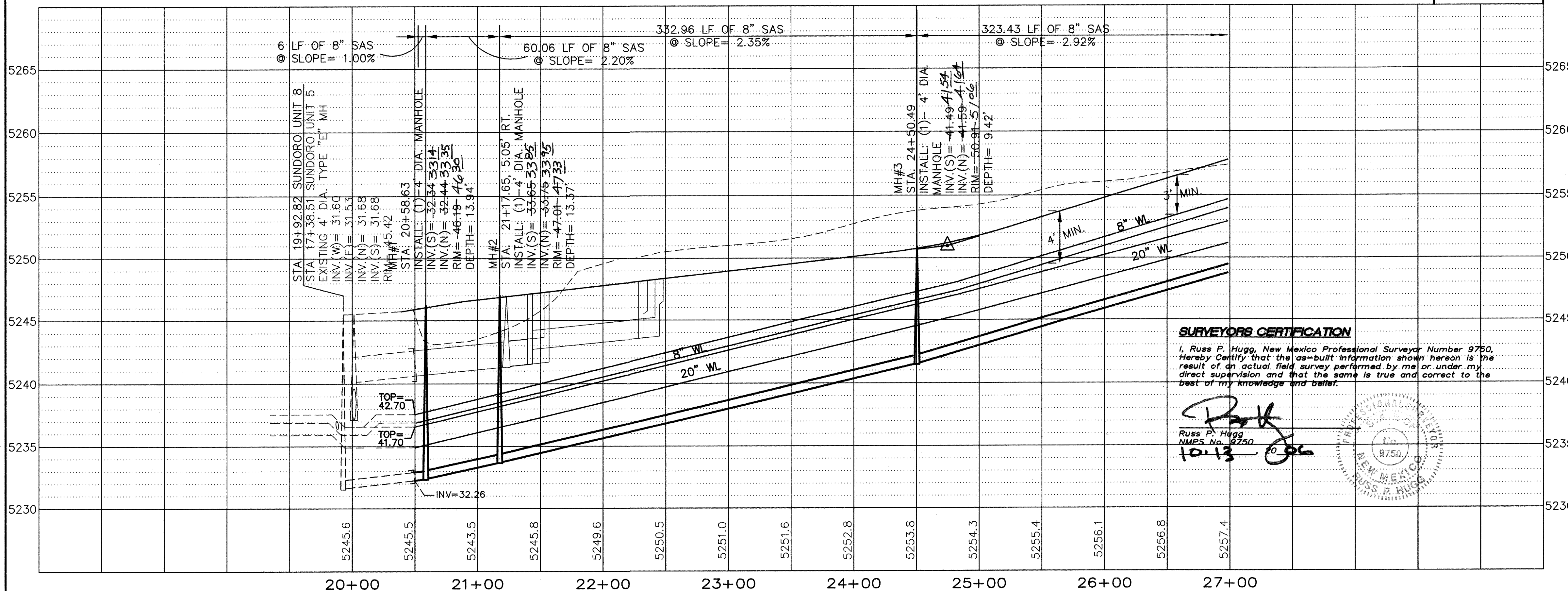
DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL

City Project No. 727079
Zone Map No. J-9-Z
Sheet 15 Of 21



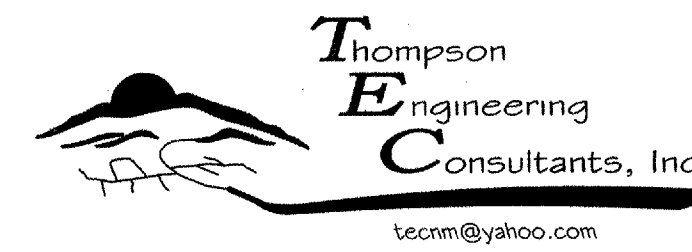
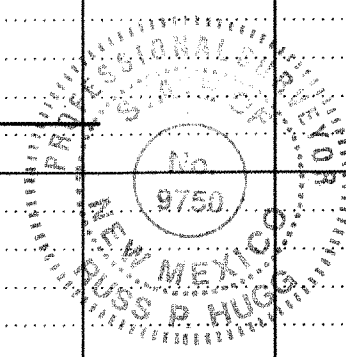
KIPUKA DRIVE STA. 20+00 TO 27+50

SCALE
1" = 50' (HOR)
1" = 5' (VER)



SURVEYORS CERTIFICATION
I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
10.13.06



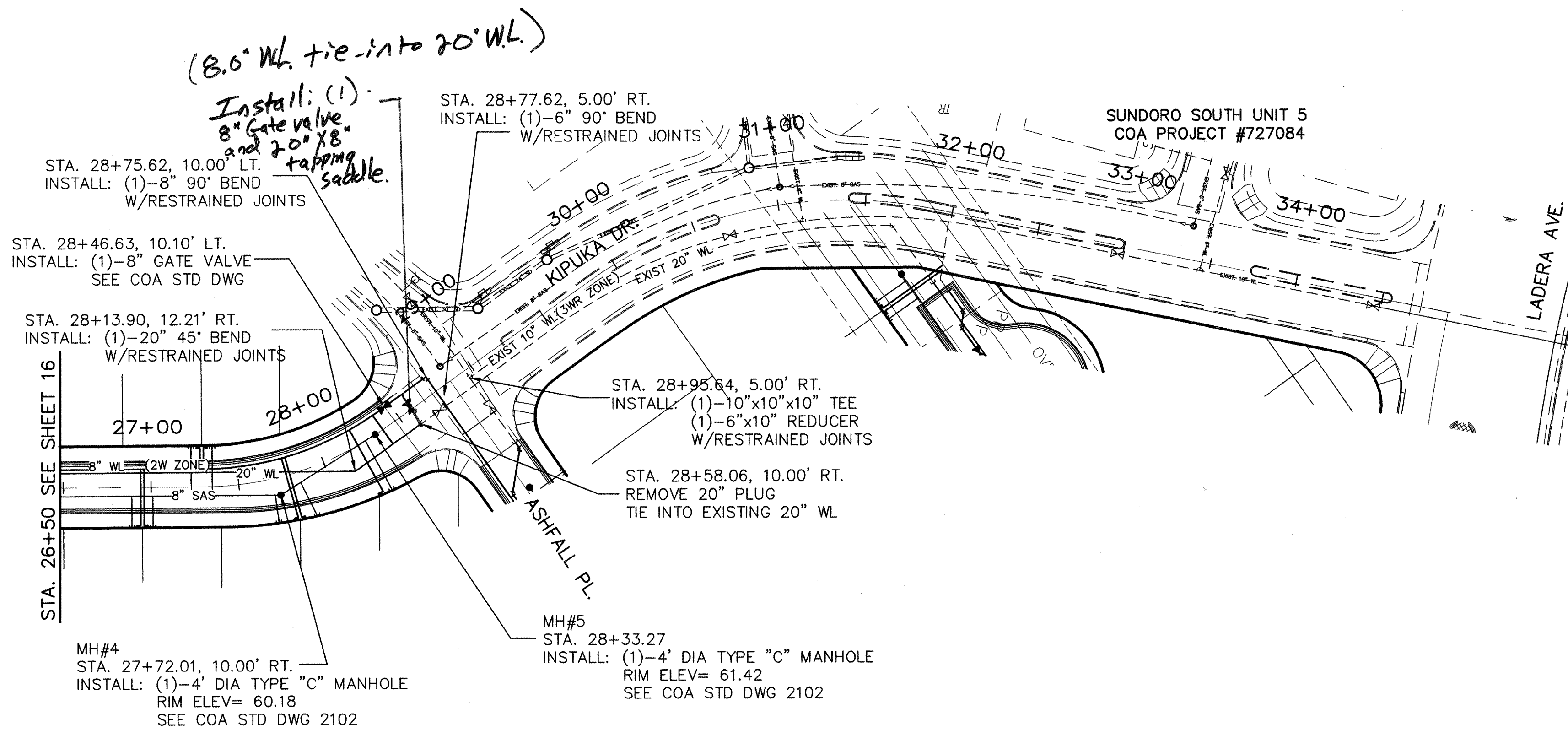
P.O. BOX 65760 ALBUQUERQUE, NM 87193 PHONE: (505) 271-2199 FAX: (505) 830-9428

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TRANSPORTATION DEVELOPMENT			
SUNDORO SOUTH UNIT 8 KIPUKA DRIVE UTILITY PLAN & PROFILE			
DESIGN REVIEW COMMITTEE DEC 3 2006	CITY ENGINEER APPROVAL CITY ENGINEER	MO./DAY/YR.	MO./DAY/YR.
City Project No. 727079		Zone Map No. J-9-Z	Sheet 16 Of 21

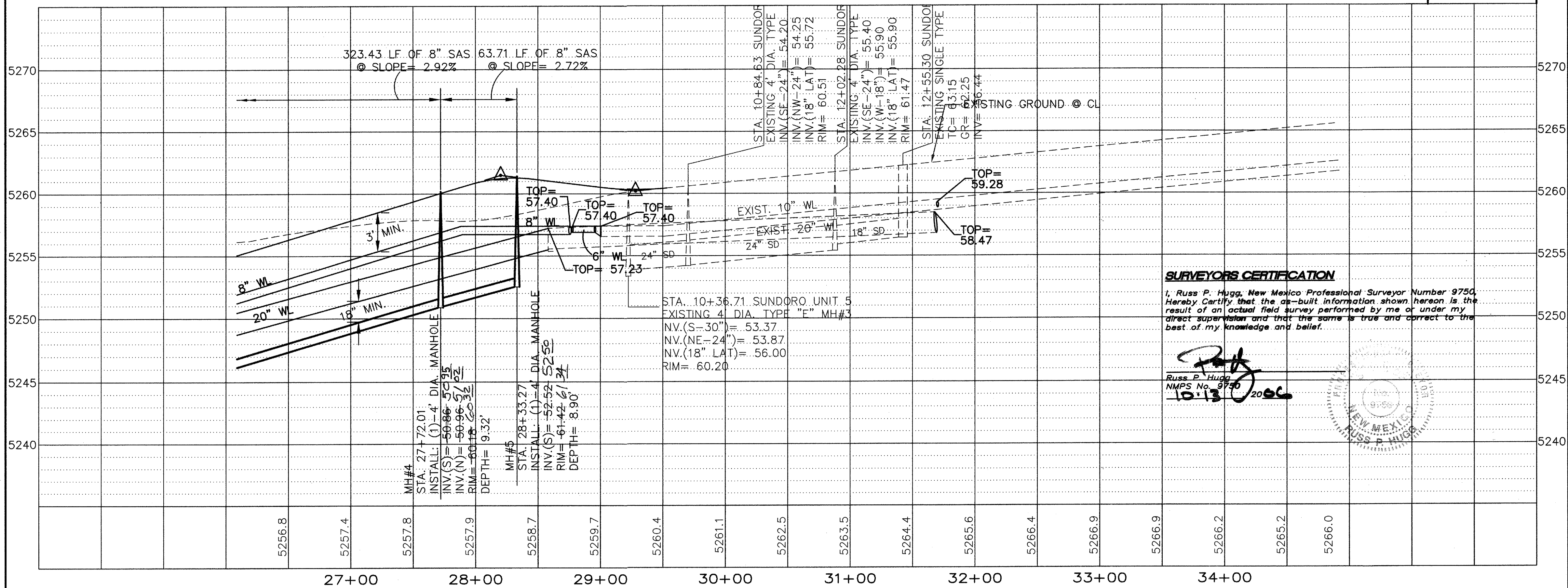
- UTILITY NOTES:**
1. CONTRACTOR RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES PRIOR TO WORK.
 2. PROPOSED 20" WL HAS 4' MIN. COVER
 3. PROPOSED 6" & 8" WL HAS 3' MIN. COVER
 4. ALL PROPOSED MANHOLE LIDS TO MATCH WITH PROPOSED PAVEMENT
 5. CITY STANDARDS TO BE USED ON ALL UTILITIES UNLESS OTHERWISE NOTED.

- LEGEND**
- EXISTING SAS MANHOLE
 - EXISTING WATER VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING STORM DRAIN MANHOLE
 - EXISTING WATER LINE
 - EXISTING SAS LINE
 - PROPOSED SANITARY SEWER
 - PROPOSED SAS MANHOLE PER COA STD DWG 2102
 - PROPOSED SANITARY SEWER SERVICE LINE PER COA STD DWGS
 - PROPOSED WATER LINE
 - PROPOSED FIRE HYDRANT PER COA STD DWG 2340
 - PROPOSED GATE VALVE PER COA STD DWGS
 - PROPOSED CROSS, TEE, OR ELBOW PER COA STD DWGS
 - PROPOSED SINGLE METER, WATER SERVICE LINE PER COA STD DWGS
 - PROPOSED DOUBLE METER, WATER SERVICE LINES PER COA STD DWGS

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		ENGINEER'S SEAL		NO. DATE		REMARKS		BY		DESIGN		DATE		DATE		DATE	
CONTRACTOR	WORK	STAKED BY	DATE	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
NMSHD MONUMENT	1-40-21A"	354594.87	10/06																		
		y = 1488789.30	10/06																		
		Ground to Grid Factor:	10/06																		
		0.9996747	10/06																		
		ΔG = -00' 16" 46"	10/06																		
		NMSP CENTRAL ZONE	10/06																		
		NAD 1927	10/06																		



KIPUKA DRIVE
STA. 26+50 TO 34+50



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 Hereby Certify that the as-built information shown hereon is the
 result of an actual field survey performed by me or under my
 direct supervision and that the same is true and correct to the
 best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
10.13



Thompson
Engineering
Consultants, Inc.

tecnm@yahoo.com

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ALBUQUERQUE, NM 87193 FAX: (505) 830-9428

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT**

SUNDORO SOUTH UNIT 8

KIPUKA DRIVE UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR.	MO./DAY/YR.

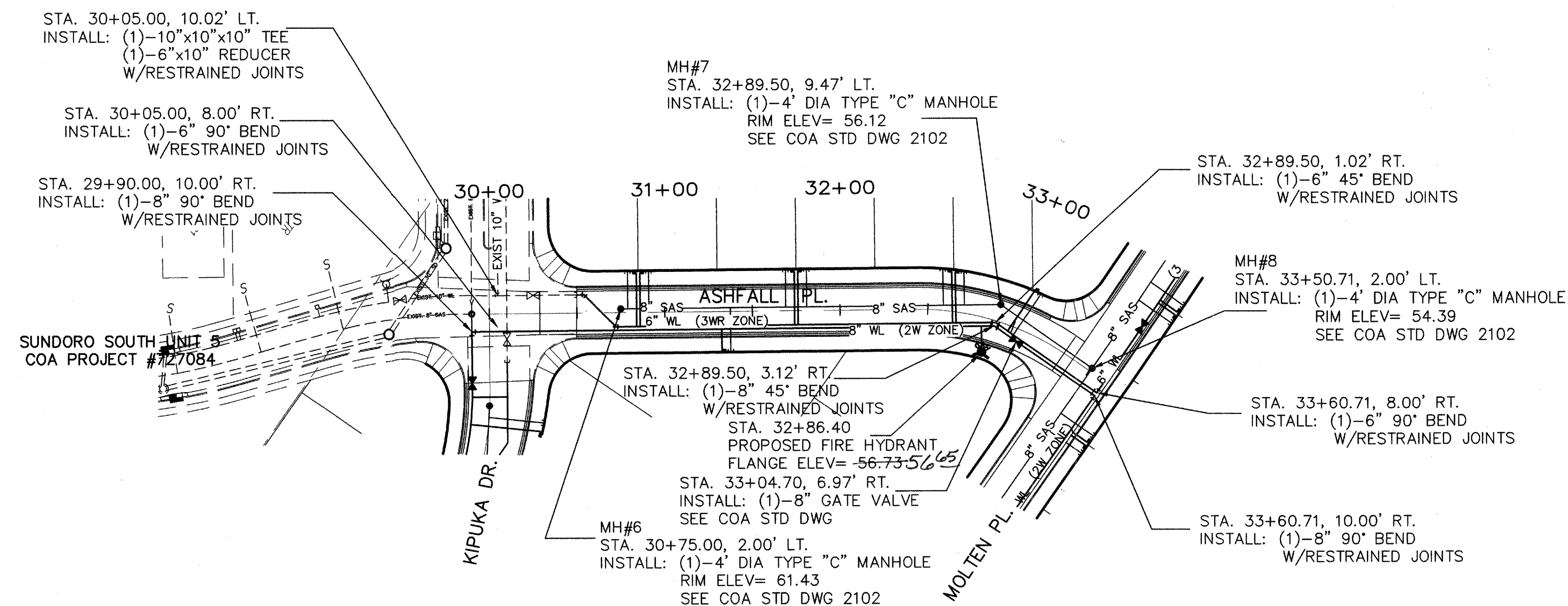
DEC 23 1981
DESIGN
REVIEW COMMITTEE

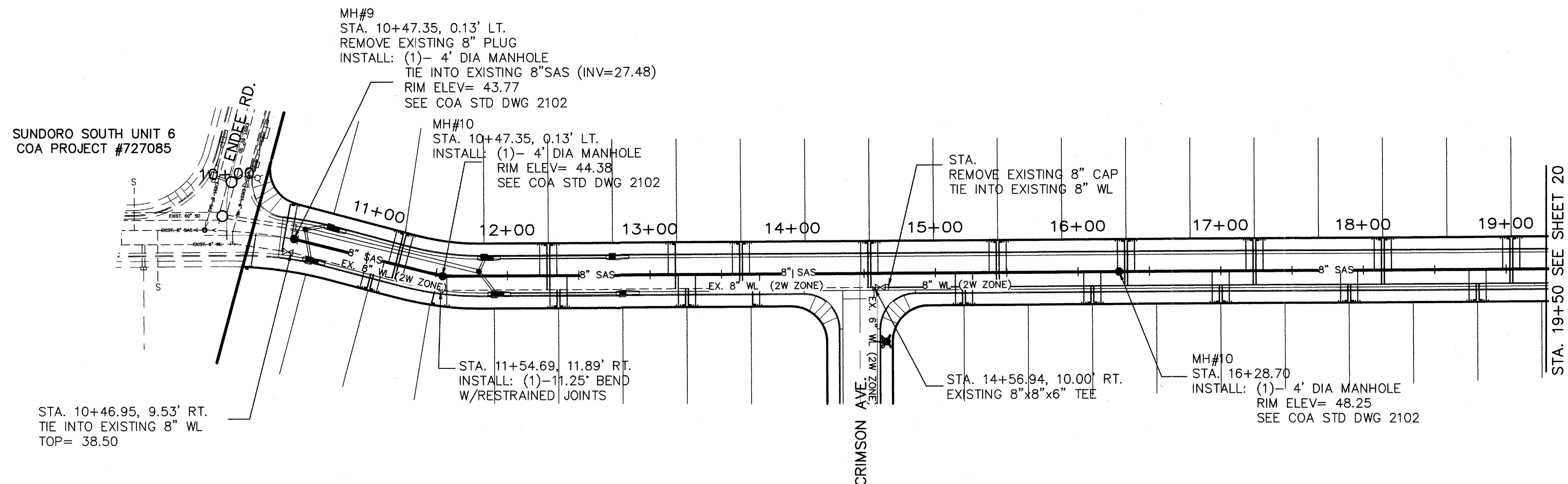
APPROVED
MAY 27 1964
CITY ENGINEER

City Project No.
727079

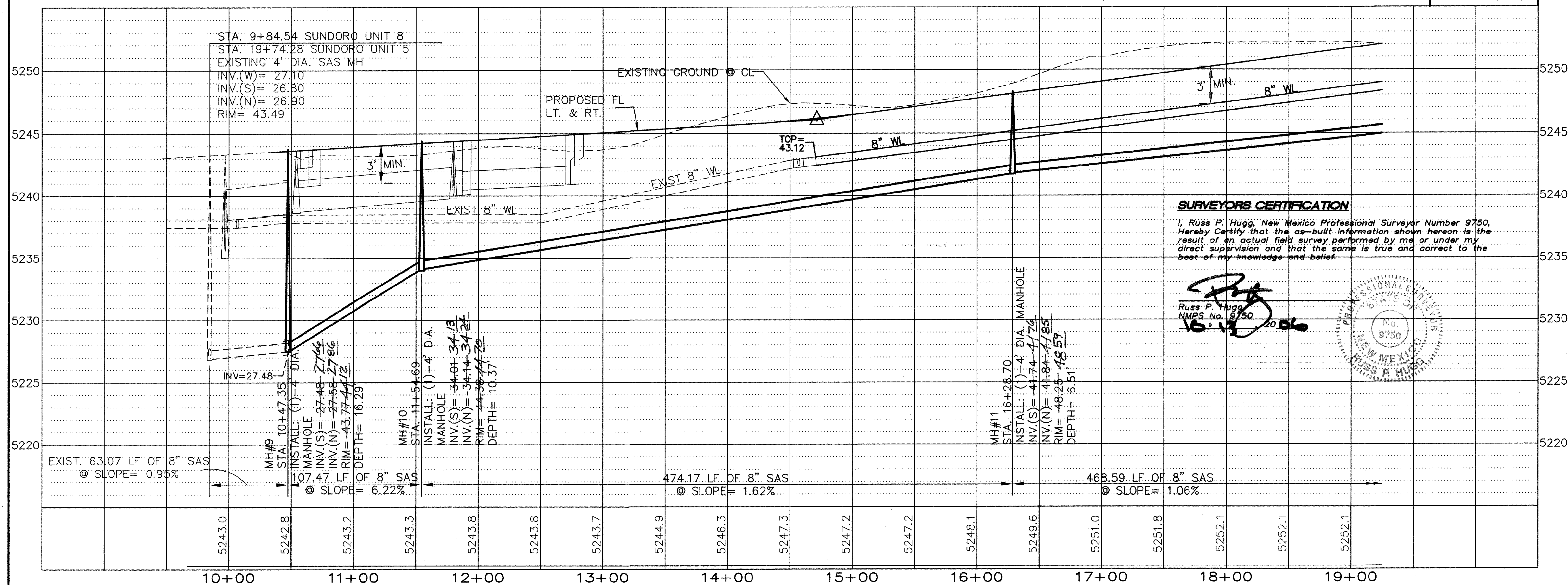
Zone Map No.
J-9-Z

Sheet	Of
17	21





MOLTEN PLACE
STA. 10+00 TO 19+50



 **T**hompson
Engineering
Consultants, Inc.
tecmm@yahoo.com

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PHONE: (505) 271-2199
FAX: (505) 830-9426

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 8
MOLTEN PLACE UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No. 727079	Zone Map No. J-9-Z	Sheet 19	Of 21

LEGEND

- | | |
|---|---|
|  | EXISTING SAS MANHOLE |
|  | EXISTING WATER VALVE |
|  | EXISTING FIRE HYDRANT |
|  | EXISTING STORM DRAIN MANHOLE |
|  | EXISTING WATER LINE |
|  | EXISTING SAS LINE |
|  | PROPOSED SANITARY SEWER |
|  | PROPOSED SAS MANHOLE
PER COA STD DWG 2102 |
|  | PROPOSED SANITARY SEWER
SERVICE LINE
PER COA STD DWGS |
|  | PROPOSED WATER LINE |
|  | PROPOSED FIRE HYDRANT
PER COA STD DWG 2340 |
|  | PROPOSED GATE VALVE
PER COA STD DWGS |
|  | PROPOSED CROSS, TEE, OR
ELBOW
PER COA STD DWGS |
|  | PROPOSED SINGLE METER,
WATER SERVICE LINE
PER COA STD DWGS |
|  | PROPOSED DOUBLE METER,
WATER SERVICE LINES
PER COA STD DWGS |

UTILITY NOTES:

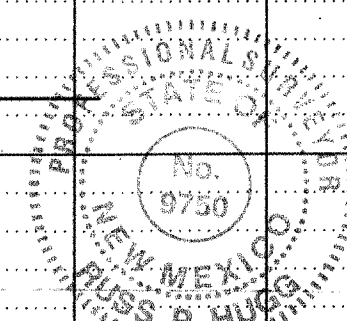
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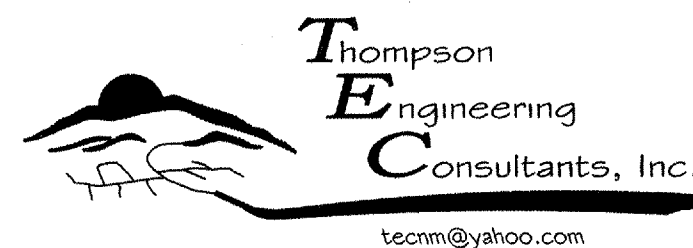
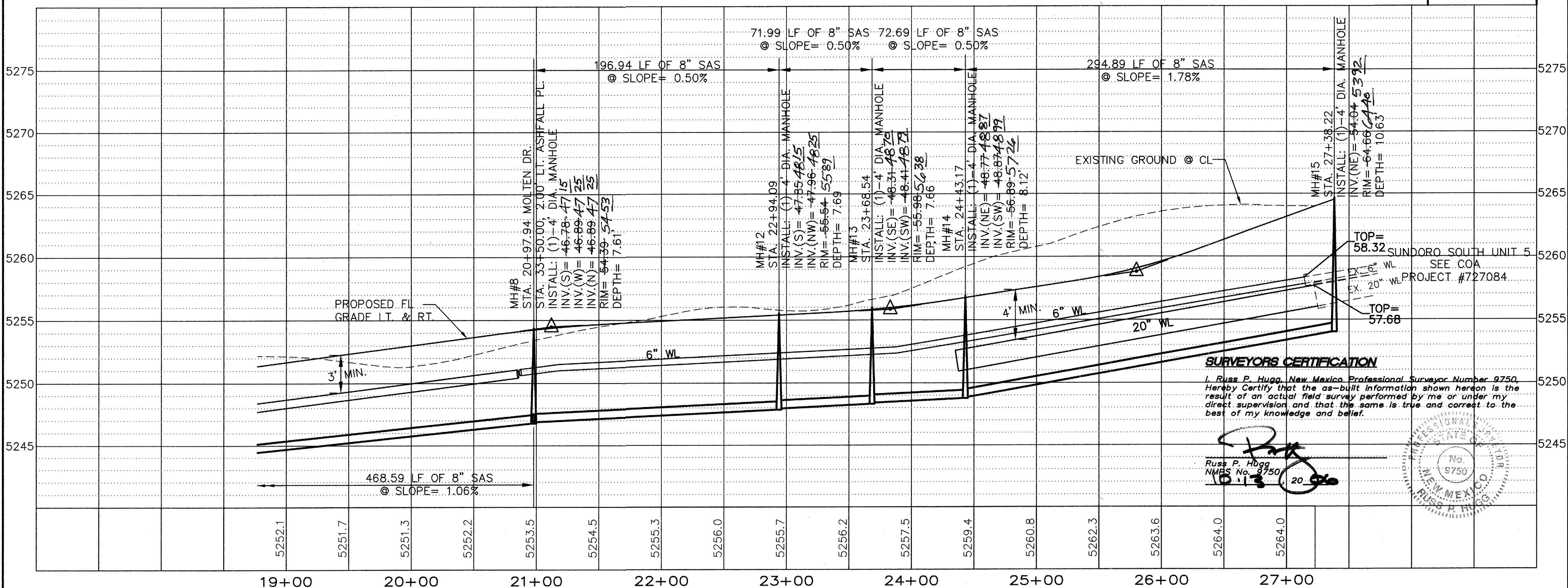
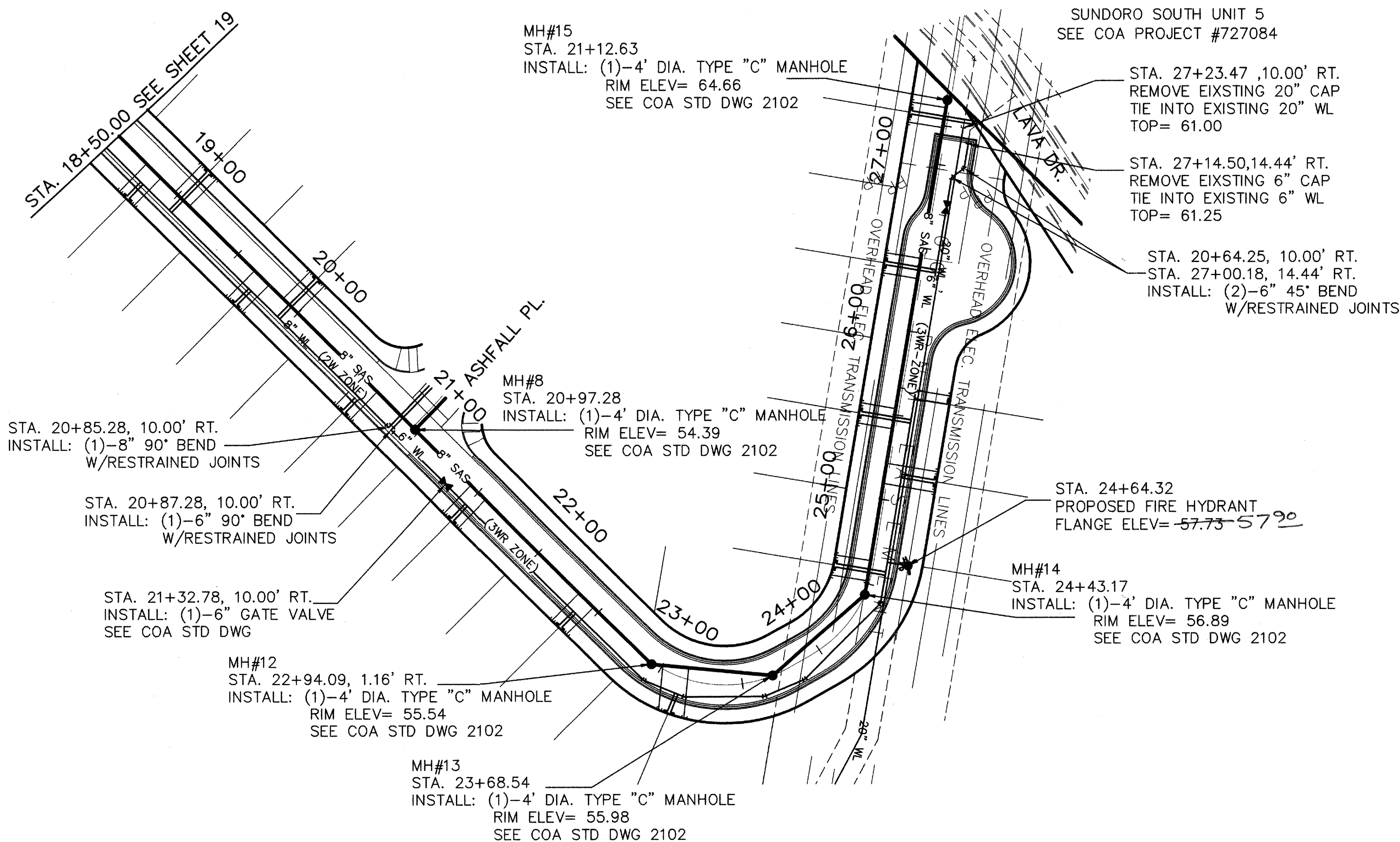
SCALE
1" = 50' (HOR)
1" = 5' (VER)

SURVEYORS CERTIFICATION

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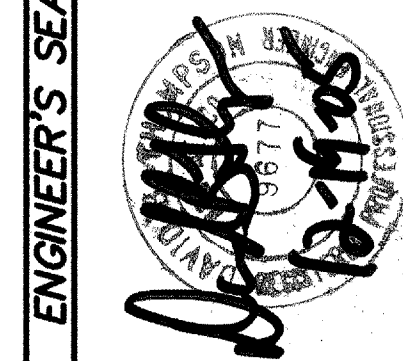
Russ P. Hugg
NMPS No. 9750





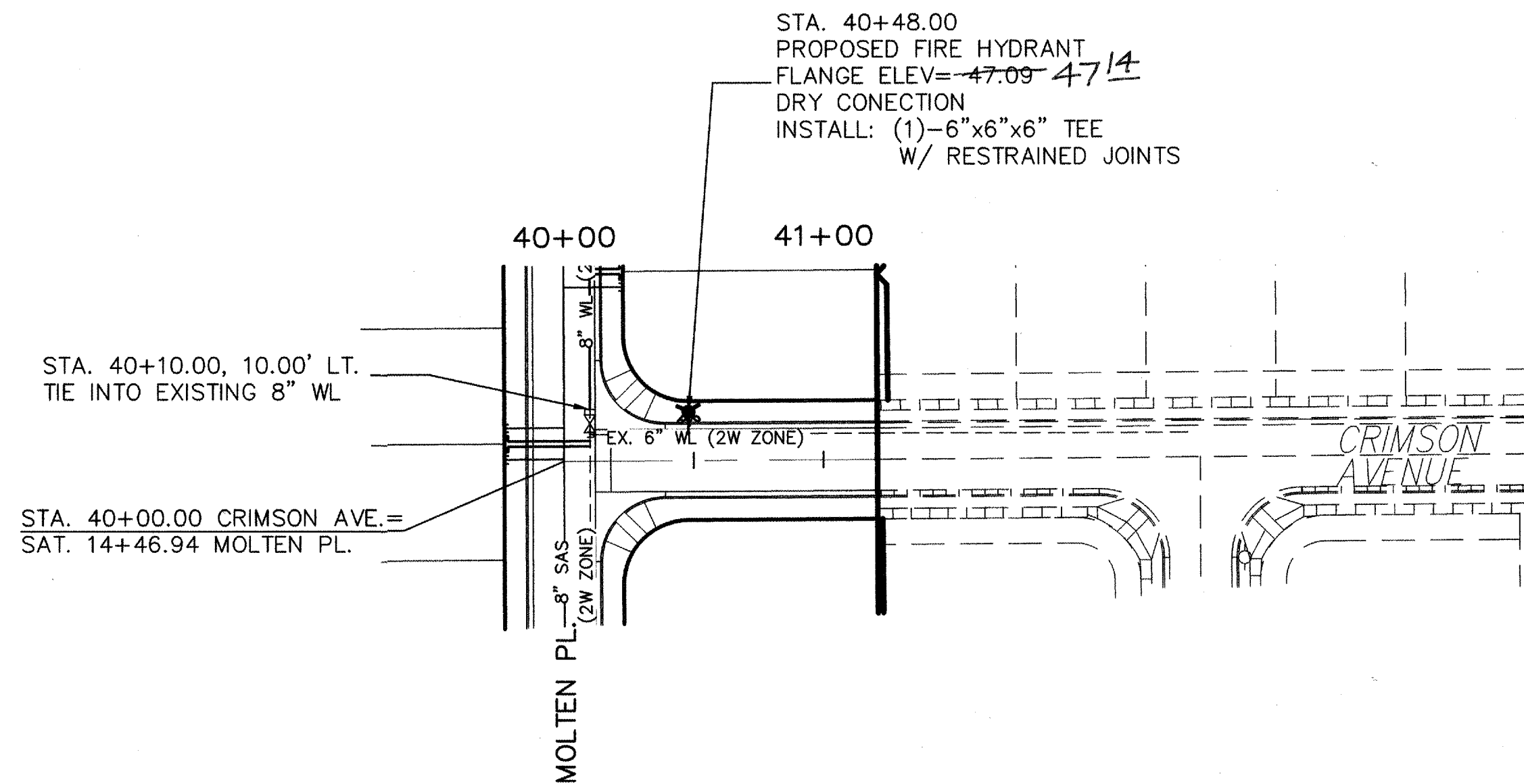
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TRANSPORTATION DEVELOPMENT			
SUNDORO SOUTH UNIT 8 MOLTEN PLACE UTILITY PLAN & PROFILE			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	MO./DAY/YR.
DEC 23 2006	DEC 27 2006		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No. 727079	Zone Map No. J-9-Z	Sheet 20	Of 21



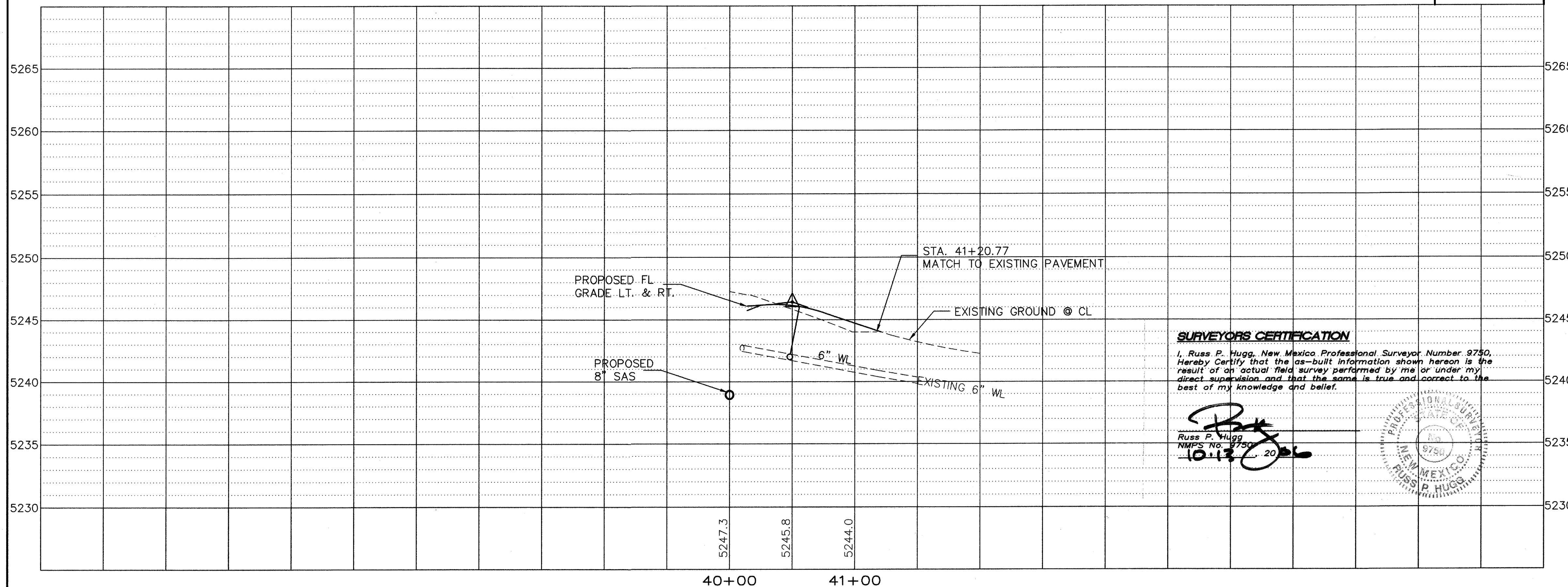
ENGINEER'S SEAL	
NO.	DATE
BY	DATE
REMARKS	DATE
DESIGN	DATE
DRAWN BY	DATE
CHECKED BY	DATE

04/04
10/06
10/06



CRIMSON AVENUE STA. 40+00 TO 41+20.77

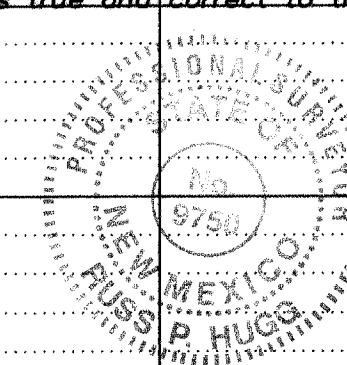
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Russ P. Hugg
NMP No. 9750
10-13-2006



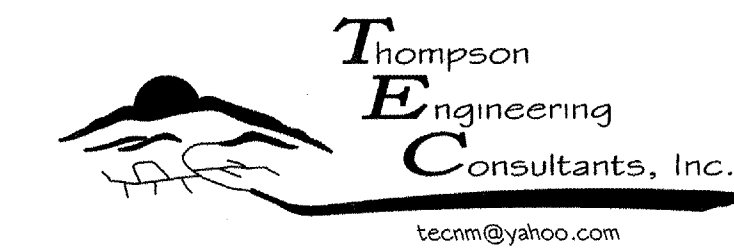
LEGEND

- EXISTING SAS MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM DRAIN MANHOLE
- EXISTING WATER LINE
- EXISTING SAS LINE
- PROPOSED SANITARY SEWER
- PROPOSED SAS MANHOLE
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- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PER COA STD DWG 2340
- PROPOSED GATE VALVE
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- PROPOSED SINGLE METER,
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- PER COA STD DWGS
- PROPOSED DOUBLE METER,
- WATER SERVICE LINES
- PER COA STD DWGS

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- CITY STANDARDS TO BE USED ON ALL
UTILITIES UNLESS OTHERWISE NOTED.

AS BUILT INFORMATION				BENCH MARK				SURVEY INFORMATION				ENGINEER'S SEAL					
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	ACCEPTANCE BY SURV TEK				y = 1488789.30												
	FIELD DRAWINGS				Ground to Grid Factor:												
	CORRECTED BY SURV TEK				0.9998747												
	DATE				ΔG = -00' 16" 46"												
					NMSP CENTRAL ZONE												
					NAD 1927												



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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TRANSPORTATION DEVELOPMENT			
SUNDORO SOUTH UNIT 8 CRIMSON AVENUE UTILITY PLAN & PROFILE			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVE DEC 23 2006 DESIGN REVIEW COMMITTEE	APPROVE JAN 27 2007 CITY ENGINEER		
City Project No. 727079	Zone Map No. J-9-Z	Sheet 21	Of 21