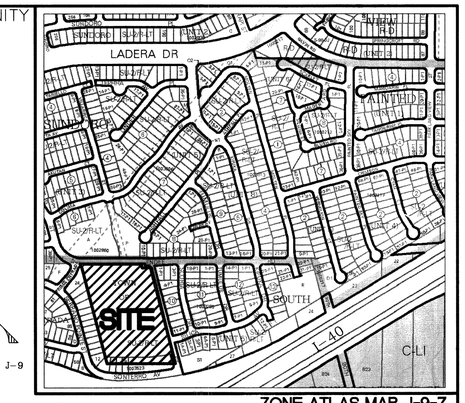
SCANNED BY PLANNING 26-7270.80-20113

CITY OF ALBUQUERQUE
PLANS FOR CONSTRUCTION

ALBUQUERQUE SEAL NEW MEXICO 1706

Record Drawing

VICINITY MAP



N
MAP NO. J-9

ZONE ATLAS MAP J-9-Z

GENERAL NOTES:

1. 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. 8 ~~INCLUDING AMENDMENT #1~~ spw
2. 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.
3. 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.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, INC. @ 260-1990 FOR LOCATION OF EXISTING UTILITIES.
5. 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. 8 spw
6. 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.
7. TRAFFIC CONTROL: SEVEN (7) 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.
8. 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. CUTS SHALL BE ORTHOGONAL TO TRAFFIC DIRECTION.
9. 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.
10. ALL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2465.
11. 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.
12. ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING.
13. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON THE PLANS.
14. 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.
15. 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.
16. THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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.
17. 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.
18. WARNING--EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE 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.
19. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HR. CONSTRUCTION.
20. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
21. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
22. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
23. AN SO 19 PERMIT IS REQUIRED TO PLACE ANY MATERIAL ON OR AROUND A STORM DRAIN INLET IN THE CITY RIGHT-OF-WAY THAT WOULD INTERFERE WITH THE INLET RECEIVING STORM WATER PER THE ENGINEER'S DESIGN. CITY PERSONNEL MAY REMOVE THIS MATERIAL AT ANY TIME WITHOUT NOTICE. THE PREFERRED BMP IS TO REMOVE SEDIMENT/POLLUTANTS ON THE PROPERTY WHERE CONSTRUCTION ACTIVITY IS OCCURRING.
24. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING & MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE COA.

SUNDORO UNIT 9 SUBDIVISION

INDEX OF SHEETS

SHEET #	DESCRIPTION
1	TITLE SHEET
2	PLAT
3	GRADING & DRAINAGE PLAN
4	TYPICAL SECTIONS
5	OVERALL PAVING LAYOUT
6	ENDEE ROAD PAVING PLAN & PROFILE
7	ZIMINA DR.-SILICA AVE. PAVING PLAN & PROFILE
8	EKARMA DR. PAVING PLAN & PROFILE
9	94TH STREET PAVING PLAN & PROFILE
10	OVERALL UTILITY LAYOUT
11	ZIMINA DR.-SILICA AVE. UTILITY PLAN & PROFILE
12	EKARMA DR. UTILITY PLAN & PROFILE

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER
10/21/13

ALL SWPPP SHALL BE OUTSIDE OF ROW PRIOR TO COA ACCEPTANCE.

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199 FAX: (505) 830-9248

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
5/27, 2013

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 10-21-2013

DRB NO. 1003612

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

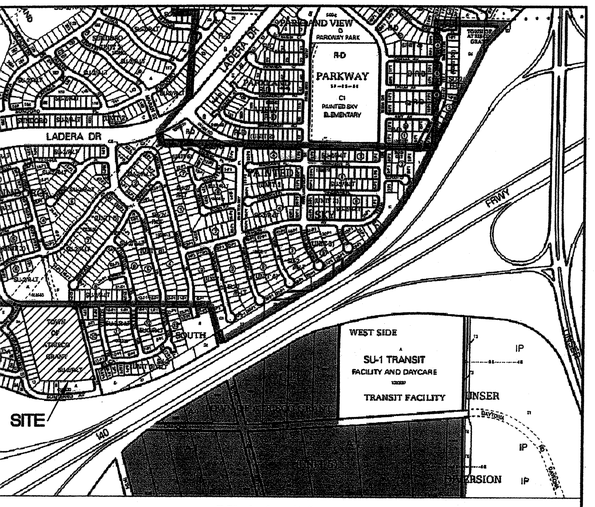
ENGINEERS STAMP & SIGNATURE	APPROVED	ENGINEER	DATE	APPROVED FOR CONSTRUCTION
DAVID SOULE NEW MEXICO 9677 LICENSED PROFESSIONAL ENGINEER 7-19-11 8-3-11	DRC Chairman		9/23/11	
	Transportation		7/19/11	
	Water/Wastewater		7-19-11	
	Hydrology		8-3-11	
	C I P			
	AMAFCA			
	Constr. Coord.			RECORD DRAWING 6/5/2013 CITY ENGINEER DATE

PROJECT NUMBER 7270.80

DRAWING NO. 1 OF 12

Y:\PROJECTS\Lindoor-thom\SUNDORO-9\REVISED-2011\Revised 26-FF-planset\PLANSET\01-TITLE.dwg 7/13/2011 11:23:32 AM MDT

SCANNED BY PLANNING



Vicinity Map

Easement Notes

A 10' P.U.E. GRANTED WITH THE FILING OF THIS PLAT

B EXISTING TEMPORARY DRAINAGE EASEMENT (10/30/06, 2006C-332)

C EXISTING 2' PRIVATE DRAINAGE EASEMENT (9/13/05, 2005C-302)

D EXISTING PUBLIC SIDEWALK EASEMENT 20' RADIUS (5/15/06, 2006C-152)

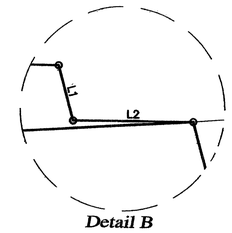
Benchmark

ACS MONUMENT "REWARD" HAVING AN ELEVATION OF 5319.688 (NAVD 88).

Disclosure Statement

THE PURPOSE OF THIS PLAT IS TO:

1. CREATE 53 RESIDENTIAL LOTS.
2. DEDICATE ADDITIONAL RIGHT-OF-WAY FOR 94TH STREET N.W. AND ENDEE ROAD, N.W..
3. DEDICATE RIGHT OF WAY FOR EKARMA DRIVE., NW, ZIMINA DRIVE., NW, AND SILICA AVENUE, NW.
4. GRANT EASEMENTS.
5. VACATE A PORTION OF 94TH STREET N.W.
6. LOT LINES TO BE ELIMINATED SHOWN AS THUS.....



Detail B

Preliminary Plat

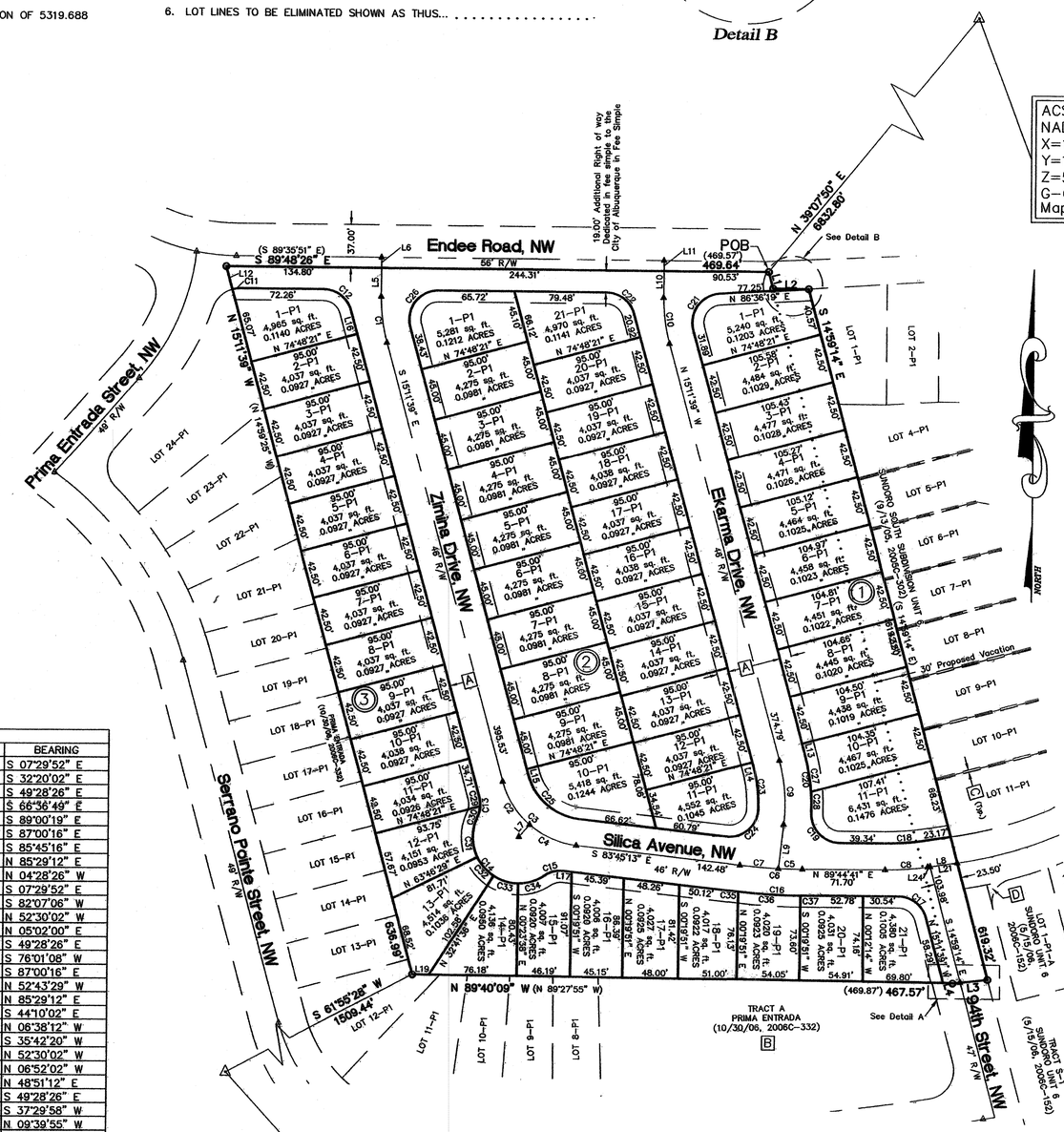
Sundoro Unit 9

within
Projected Section 16, Township 10 North, Range 2 East, NMPM
Town of Atrisco Grant
City of Albuquerque, Bernalillo County, New Mexico
March 2011

ACS Monument "3_H10"
NAD 1983 CENTRAL ZONE
X=1497135.488
Y=1493985.681
Z=5196.151 (NAVD 1988)
G-G=0.999678906
Mapping Angle= -0°16'31.81"

Legend

N 90°00'00" E	MEASURED BEARING AND DISTANCES
◉	FOUND MONUMENT AS INDICATED
▲	SET CENTERLINE MONUMENT
△	FOUND CENTERLINE MONUMENT UNLESS INDICATED OTHERWISE
①	BLOCK NUMBER
1-P1	LOT NUMBER



Legal

A CERTAIN TRACT OF LAND WITHIN PROJECTED SECTION 16, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM, TOWN OF ATRISCO GRANT, TOGETHER WITH A VACATED PORTION OF 94TH STREET, N.W., COUNTY OF BERNALILLO, CITY OF ALBUQUERQUE NEW MEXICO AND BEING DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTHERLY RIGHT OF WAY OF ENDEE ROAD, N.W., WHENCE A TIE TO THE ACS MONUMENT "3_H10" BEARS, N 39°07'50" E, A DISTANCE OF 6832.80 FEET;

THENCE, S 14°59'14" E, A DISTANCE OF 14.78 FEET TO AN ANGLE POINT;

THENCE, S 89°48'35" E, A DISTANCE OF 31.08 FEET TO AN ANGLE POINT;

THENCE, S 14°59'14" E, A DISTANCE OF 619.32 FEET TO AN ANGLE POINT;

THENCE, S 83°24'11" W, A DISTANCE OF 30.32 FEET TO AN ANGLE POINT;

THENCE, N 14°59'14" W, A DISTANCE OF 0.29 FEET TO AN ANGLE POINT;

THENCE, N 89°40'09" W, A DISTANCE OF 467.57 FEET TO AN ANGLE POINT, BEING THE SOUTHWEST CORNER OF THE HEREIN DESCRIBED TRACT;

THENCE, N 15°11'39" W, A DISTANCE OF 636.99 FEET TO THE NORTHWEST CORNER OF THE HEREIN DESCRIBED TRACT;

THENCE, S 89°48'26" E, A DISTANCE OF 469.64 FEET TO THE POINT OF BEGINNING, CONTAINING 7.0386 ACRES (306,601 SQ. FT.) MORE OR LESS.

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

Notes

1. FIELD SURVEY PERFORMED IN MARCH 2011.
2. ALL DISTANCES ARE GROUND DISTANCES: U.S. SURVEY FOOT.
3. ALL STREET MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET INTERSECTIONS AND SHOWN AS THUS ▲. ALL CENTERLINE MONUMENTS WILL BE SET USING THE STANDARD 4" ALUMINUM MONUMENT STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENT- DO NOT DISTURB, PS 14271" AND WILL BE SET FLUSH WITH THE FINAL ASPHALT.
4. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS AND ALL OTHER ANGLE POINTS TO ALLOW CENTERLINE MONUMENTATION.
5. TOTAL NUMBER OF EXISTING LOTS: 2
6. TOTAL NUMBER OF LOTS CREATED: 53
7. TOTAL NUMBER OF TRACTS CREATED: 0
8. TOTAL MILEAGE OF FULL WIDTH STREETS CREATED: 0.29 Mi.
9. CITY OF ALBUQUERQUE ZONE ATLAS PAGE: J-9
10. NUMBER OF LOT LINES BEING ELIMINATED: 1
11. TOTAL AREA: 7.0386 ACRES
12. PROPERTY CORNERS TO BE SET ARE AN 18" BATHEY MONUMENT WITH STEEL CAP "LS 14271".
13. THE ZONING FOR THE LOT IS CURRENTLY: SU-2 FOR R-LT USES.
14. ALL SET EXTERIOR PROPERTY CORNERS ARE A BATHEY MARKER WITH CAP "LS 14271" UNLESS INDICATED OTHERWISE.

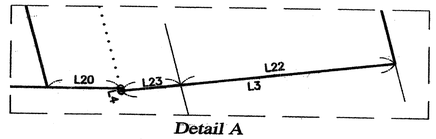
L1	14.78'
L2	31.08'
L3	30.32'
L4	0.29'
L5	24.83'
L6	9.00'
L7	14.00'
L8	25.69'
L9	38.33'
L10	23.15'
L11	9.00'
L12	20.73'
L13	9.32'
L14	4.25'
L15	5.30'
L16	20.90'
L17	6.66'
L19	14.21'
L20	8.07'
L21	23.65'
L22	23.75'
L23	6.57'
L24	2.04'

S 14°59'14" E	
N 89°48'35" W	
N 83°24'11" E	
S 14°59'14" E	
N 00°11'55" E	
N 00°11'55" E	
N 40°31'34" E	
N 81°13'42" E	
N 06°14'47" E	
N 00°11'55" E	
N 00°11'55" E	
N 15°11'39" W	
S 15°11'39" E	
S 83°45'13" E	
N 15°11'39" W	
S 15°11'39" E	
S 15°11'39" E	
N 89°40'09" W	
S 89°40'09" E	
N 81°13'42" E	
N 83°24'11" E	
N 83°24'11" E	
N 81°13'42" E	

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	CHORD	BEARING
C1	40.30'	150.00'	15°23'34"	40.18'	S 07°29'52" E
C2	44.87'	75.00'	34°16'47"	44.21'	S 32°20'02" E
C3	89.74'	75.00'	68°33'34"	84.48'	S 49°28'26" E
C4	44.87'	75.00'	34°16'47"	44.21'	S 66°56'49" E
C5	20.81'	477.00'	2°30'00"	20.81'	S 89°00'19" E
C6	54.13'	477.00'	6°30'06"	54.10'	S 87°00'16" E
C7	33.32'	477.00'	4°00'06"	33.31'	S 85°45'16" E
C8	37.16'	250.00'	8°30'59"	37.13'	N 85°29'12" E
C9	56.13'	150.00'	21°26'26"	55.80'	N 04°28'26" W
C10	40.30'	150.00'	15°23'34"	40.18'	S 07°29'52" E
C11	7.05'	25.00'	16°08'56"	7.02'	S 82°07'06" W
C12	32.56'	25.00'	74°36'47"	30.30'	N 52°30'02" W
C13	17.65'	25.00'	40°27'18"	17.29'	N 05°02'00" E
C14	104.35'	40.00'	149°28'10"	77.18'	S 49°28'26" E
C15	17.65'	25.00'	40°27'18"	17.29'	S 76°01'08" W
C16	56.74'	500.00'	6°30'06"	56.71'	S 87°00'16" E
C17	32.75'	25.00'	75°03'40"	30.46'	N 52°43'29" W
C18	33.74'	227.00'	8°30'59"	33.71'	N 85°29'12" E
C19	40.22'	25.00'	92°10'34"	36.02'	S 44°10'02" E
C20	51.68'	173.00'	17°06'54"	51.49'	N 06°38'12" W
C21	44.42'	25.00'	101°47'58"	38.80'	S 35°42'20" W
C22	32.56'	25.00'	74°36'47"	30.30'	N 52°30'02" W
C23	36.91'	127.00'	16°39'15"	36.79'	N 06°52'02" W
C24	41.36'	25.00'	94°47'12"	36.80'	N 48°51'12" E
C25	62.22'	52.00'	68°33'34"	58.58'	S 49°28'26" E
C26	45.98'	25.00'	105°23'13"	39.77'	S 37°29'58" W
C27	33.39'	173.00'	11°03'28"	33.34'	N 09°39'55" W
C28	18.29'	173.00'	6°03'26"	18.28'	N 01°06'28" W
C29	7.92'	25.00'	18°09'37"	7.89'	N 06°06'51" W
C30	9.73'	25.00'	22°17'41"	9.67'	N 14°06'49" E
C31	35.94'	40.00'	51°29'10"	34.75'	S 00°28'56" E
C32	21.70'	40.00'	31°04'53"	21.43'	S 41°45'58" E
C33	22.55'	40.00'	32°17'58"	22.25'	S 73°27'23" E
C34	24.16'	40.00'	34°36'09"	23.79'	N 73°05'34" E
C35	1.16'	500.00'	0°07'58"	1.16'	S 83°49'11" E
C36	54.13'	500.00'	6°12'12"	54.11'	S 86°59'16" E
C37	1.45'	500.00'	0°09'57"	1.45'	N 89°49'40" E

ACS Monument "REWARD"
NAD 1983 CENTRAL ZONE
X=1491190.819
Y=1487364.063
Z=5319.688 (NAVD 1988)
G-G=0.999675005
Mapping Angle= -0°17'12.26"



Detail A

PHIL LINDBORG, PRESIDENT, DRAGONFLY DEVELOPMENT INC, — DATE 5/3/11

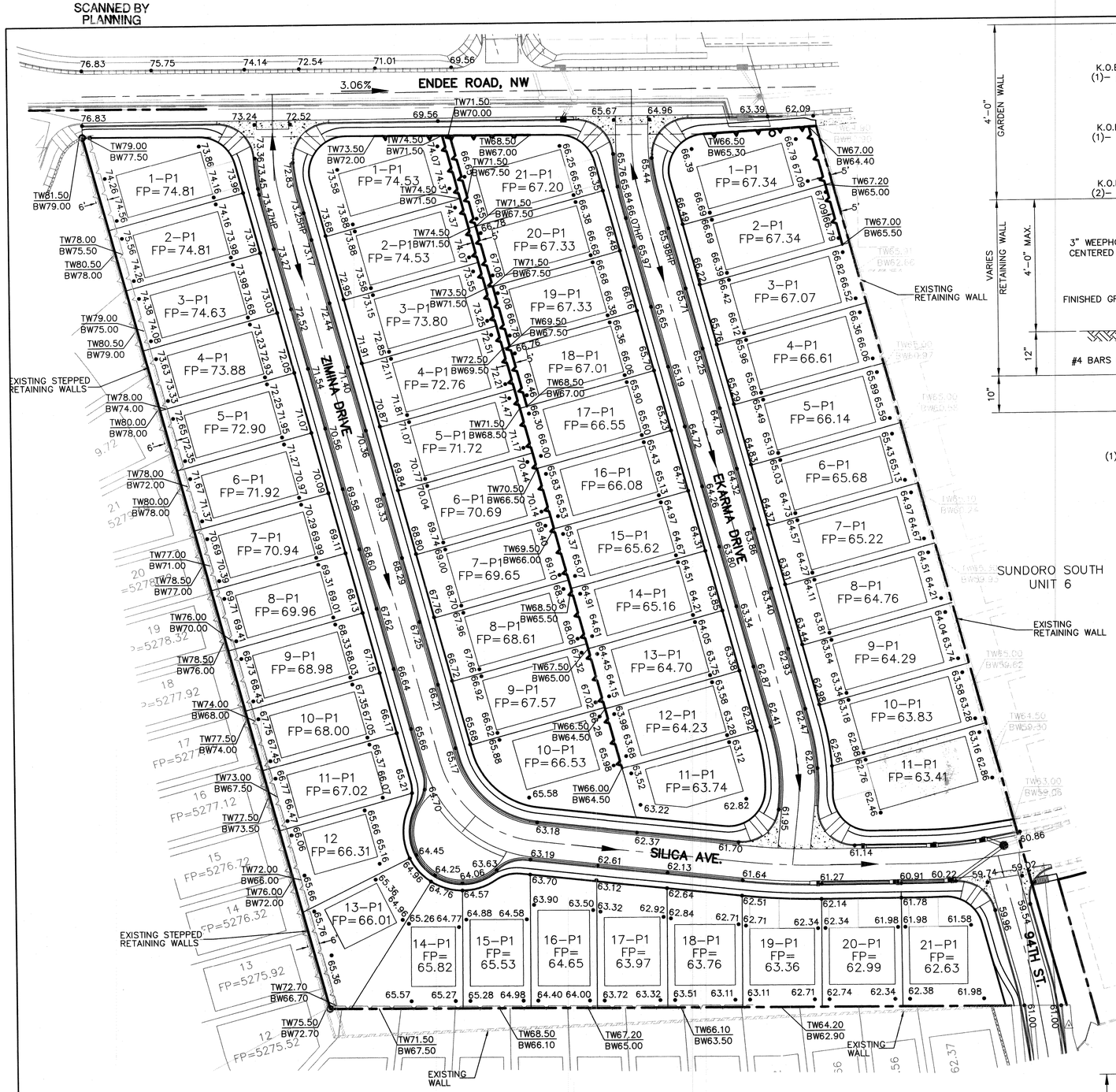
CITY SURVEYOR, CITY OF ALBUQUERQUE GLEN HAIKIN P.S. — DATE 5-5-11

Record Drawing

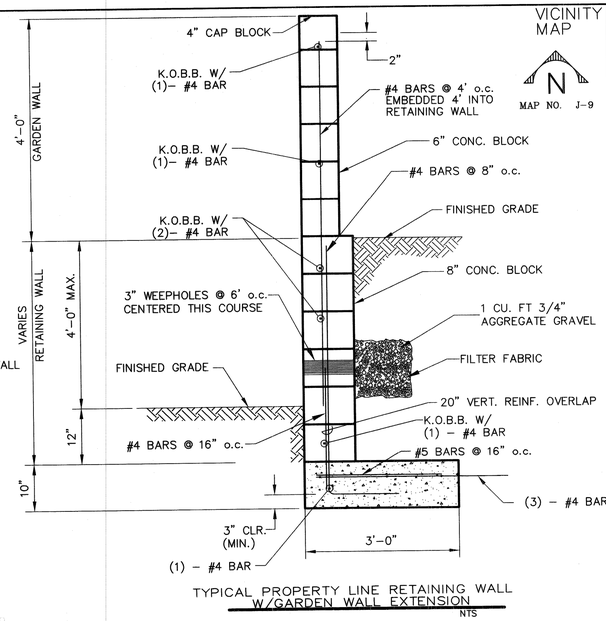
CARTESIAN SURVEYS INC.
P.O. BOX 44414 RIO RANCHO, N.M. 87174
Phone (505) 896-3050 Fax (505)891-0244

Sheet 1 of 1
110479

SCANNED BY PLANNING



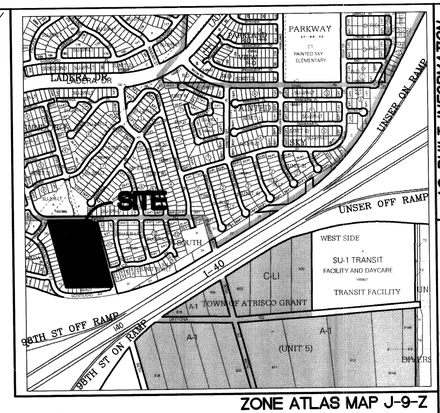
SUNDORO SOUTH UNIT 6



TYPICAL PROPERTY LINE RETAINING WALL W/GARDEN WALL EXTENSION
NTS

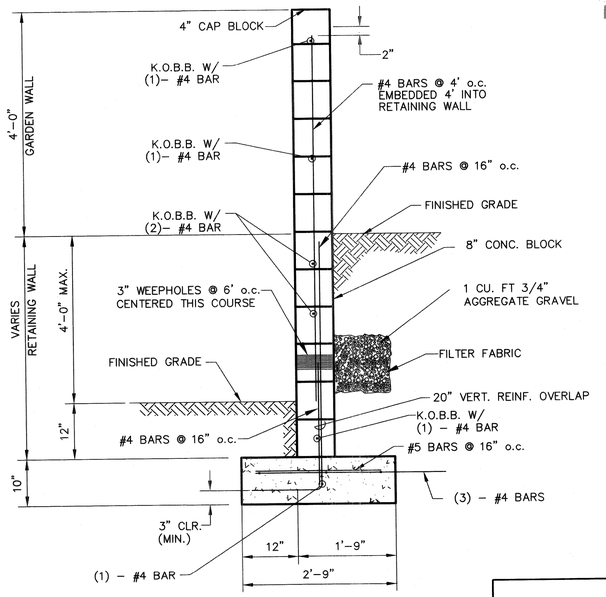
VICINITY MAP

MAP NO. J-9



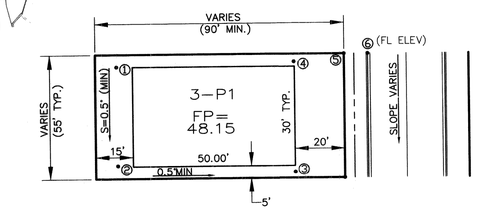
ZONE ATLAS MAP J-9-Z

Record Drawing



TYPICAL RETAINING WALL W/GARDEN WALL EXTENSION
NTS

SCALE: 1"=40'



TYPICAL LOT GRADING PLAN
NO SCALE

TO SET SPOT ① – SUBTRACT 0.25' FROM THE PAD ELEV.
TO SET SPOT ② – SUBTRACT 0.2' FROM SPOT ①
TO SET SPOTS ③ & ④ – SUBTRACT 0.4' FROM SPOTS ② & ① RESPECTIVELY
TO SET SPOT ⑤ – MULTIPLY D1 BY 2.0%, ADD CURB HEIGHT, AND ADD TO SPOT

LEGEND

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

NOTE:
THE TOTAL HEIGHT OF ANY WALL, INCLUDING RETAINING WALL, SHALL NOT EXCEED 8 FEET.

AS BUILT INFORMATION
CONTRACTOR Sally Brothers DATE
WORK STAKED BY Snyder 6/13 DATE
INSPECTOR'S ACCEPTANCE BY Rae 10/12 DATE
FIELD VERIFICATION BY Snyder 9/12 DATE
DRAWINGS CORRECTED BY Snyder 8/13 DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.99967114
$\Delta\alpha$ = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID B. THOMPSON NEW MEXICO 9677 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DBT DATE
DRAWN BY DEM DATE
CHECKED BY DBT DATE

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199 FAX: (505) 830-9428

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

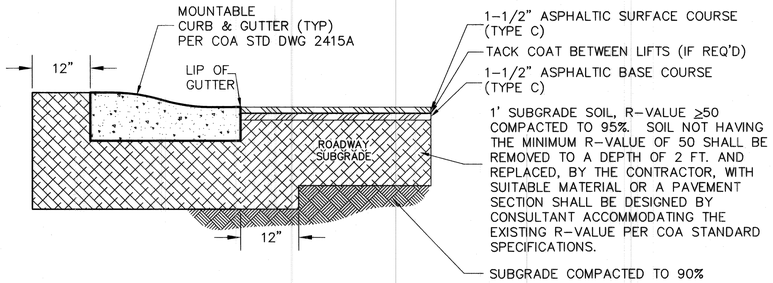
SUNDORO UNIT 9
GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
FOR INFORMATION ONLY			

City Project No.	Zone Map No.	SHEET	OF
7270.80	J-9-Z	3	12

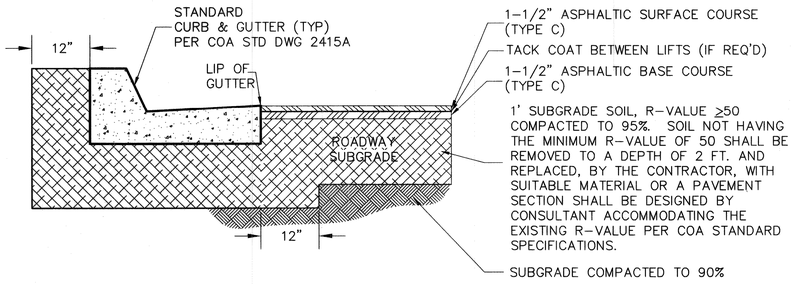
Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-planset\PLANSET\03-G&D.dwg 6/28/2011 3:23:49 PM MDT

SCANNED BY PLANNING



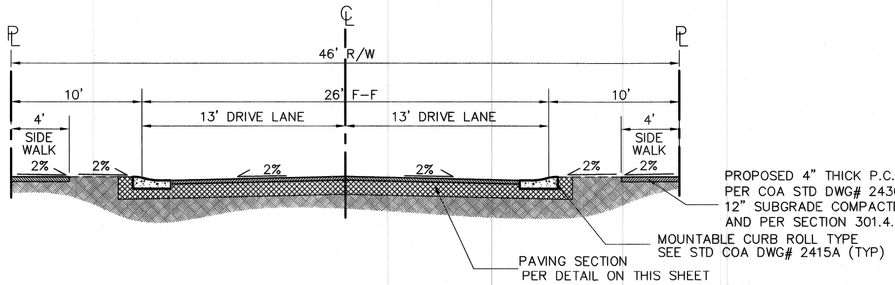
RESIDENTIAL PAVING SECTION – ROLLED CURB & GUTTER

(PER COA STD. DWG. No. 2405A) NTS



RESIDENTIAL PAVING SECTION – STANDARD CURB & GUTTER

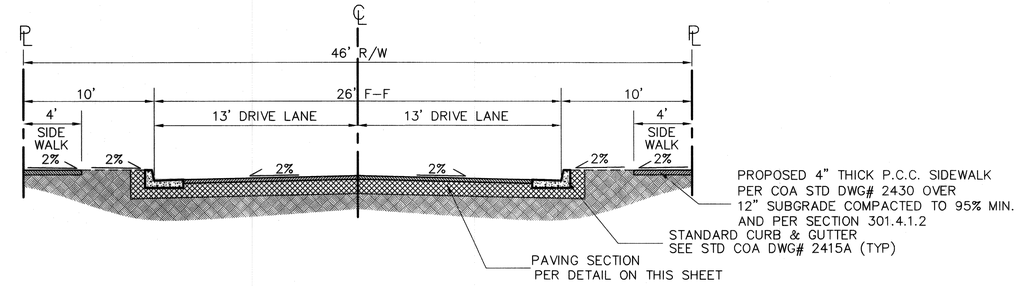
(PER COA STD. DWG. No. 2405A) NTS



28' MOUNTABLE CURB TYPICAL SECTION

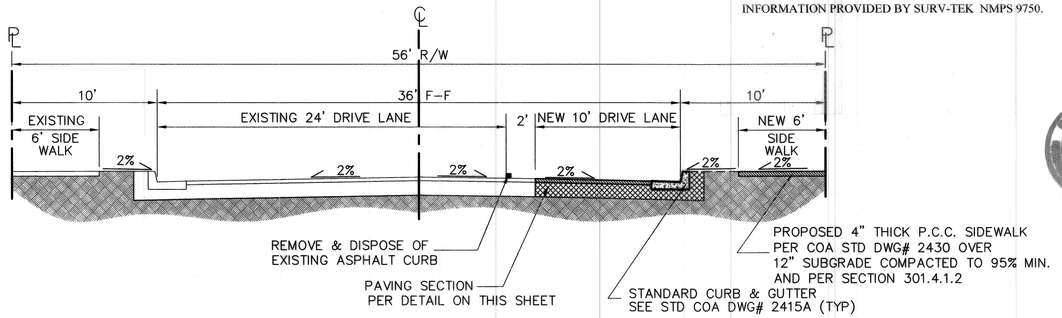
NTS

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.



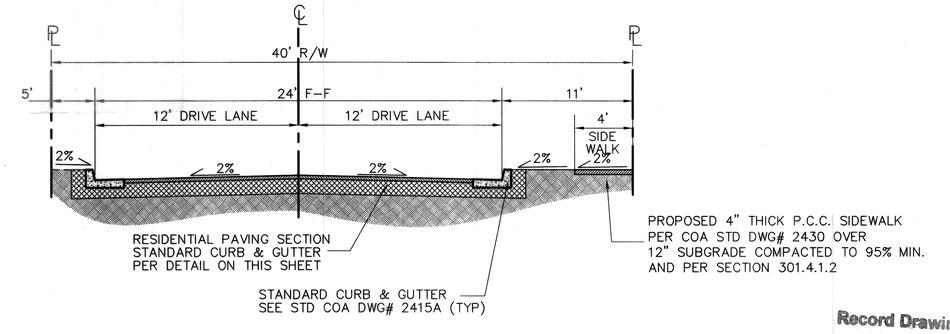
STANDARD CURB TYPICAL SECTION

NTS



ENDEE ROAD TYPICAL SECTION

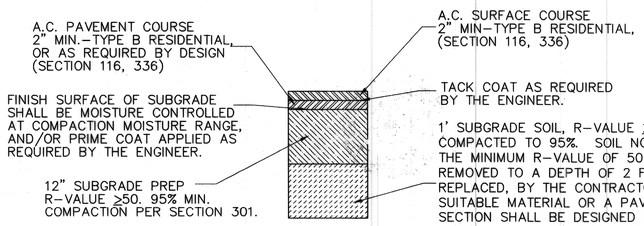
NTS



Record Drawing

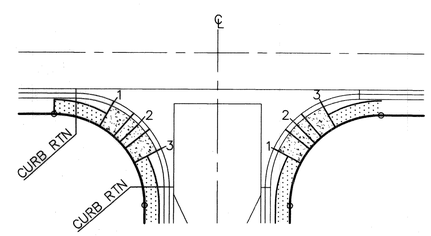
94TH STREET – 24' STANDARD CURB TYPICAL SECTION

NTS



ENDEE ROAD PAVEMENT SECTION (COA STD DWG 2405B)

SEE COA PROJECT 7270.81 NTS



NOTE:

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

QUARTER POINT DETAIL

NTS

AS BUILT INFORMATION

CONTRACTOR Sajlis Brothers
WORK STAKED BY Surv-Tek 8/13 DATE
WORK INSPECTED & ACCEPTANCE BY PBE 10/13 DATE
FIELD VERIFICATION BY Surv-Tek 8/13 DATE
DRAWINGS CORRECTED BY Surv-Tek 9/13 DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor:
0.99967114
$\Delta\alpha$ = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY DBT DATE XXX
DRAWN BY DEM DATE XXX
CHECKED BY DBT DATE XXX

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199
FAX: (505) 830-9248

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

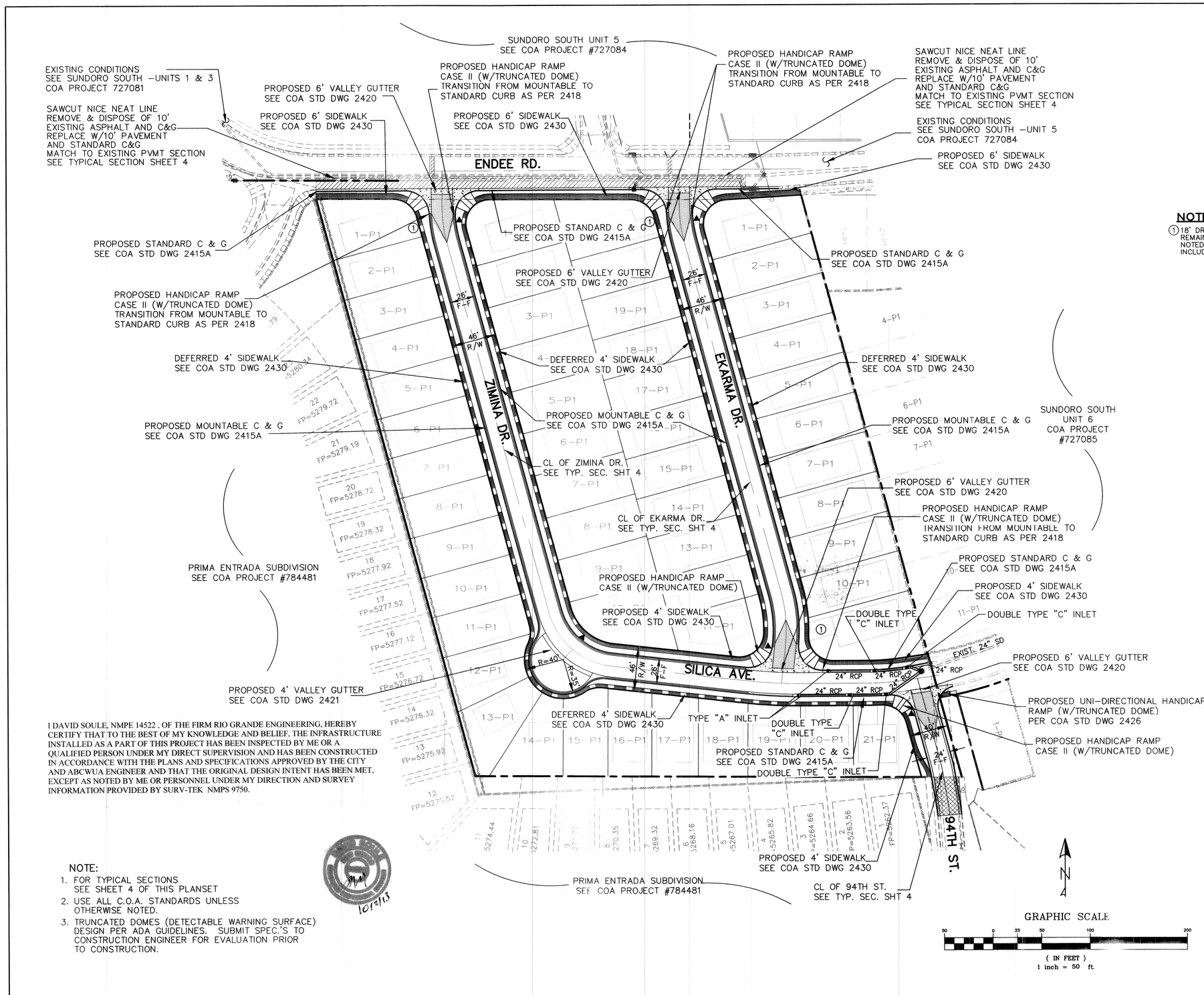
SUNDORO SOUTH UNIT 9
TYPICAL SECTIONS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE	APPROVED CITY ENGINEER		

City Project No.	Zone Map No.	Sheet	Of
7270.80	J-9-Z	4	12

Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-planset\PLANSET\04-TYPICALS.dwg 7/13/2011 11:28:04 AM MDT

SCANNED BY PLANNING



NOTE:

1. 18' DRIVE PADS ARE SHOWN FOR LOCATION ONLY. REMAINDER DRIVE PADS TO BE 20' OTHERWISE NOTED. CONSTRUCTION OF DRIVE PADS ARE NOT INCLUDED IN WORK ORDER.

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
- PROPOSED SIDEWALK SEE COA STD DWG 2430
- DEFERRED 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 (W/TRUNCATED DOME) SEE COA STD DWG 2441
- EXISTING CURB & GUTTER
- REMOVE & DISPOSE OF EXISTING ASPHALT CURB REPLACE W/10' PROPOSED PAVEMENT AND STANARD CURB & GUTTER (RESIDENTIAL) SEE ENDEE TYPICAL SECTION SHEET 4
- REMOVE & DISPOSE OF EXISTING PAVEMENT & CURB & GUTTER REPLACE W/PROPOSED PAVEMENT AND STANDARD CURB & GUTTER SEE RESIDENTIAL TYPICAL SECTION SHEET 4
- REMOVE & DISPOSE OF EXISTING PAVEMENT REPLACE W/PROPOSED PAVEMENT PER COA STD DWG 2465 (MAJOR LOCAL)

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

10/2/13

NOTE:

1. FOR TYPICAL SECTIONS SEE SHEET 4 OF THIS PLANSET
2. USE ALL C.O.A. STANDARDS UNLESS OTHERWISE NOTED.
3. TRUNCATED DOMES (DETECTABLE WARNING SURFACE) DESIGN PER ADA GUIDELINES. SUBMIT SPEC.'S TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

AS BUILT INFORMATION

CONTRACTOR Sun Ute Backhoe
WORK STAKED BY Surv-Tek 9/13 DATE
INSPECTOR'S ACCEPTANCE BY Pete 9/13 DATE
FIELD VERIFICATION BY Surv-Tek 9/13 DATE
DRAWINGS CORRECTED BY Surv-Tek 9/13 DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARK

NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.9996714
$\Delta\alpha$ = –00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY DBT DATE :
DRAWN BY DEM DATE :
CHECKED BY DBT DATE :

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760
ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199
FAX: (505) 830-9428

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

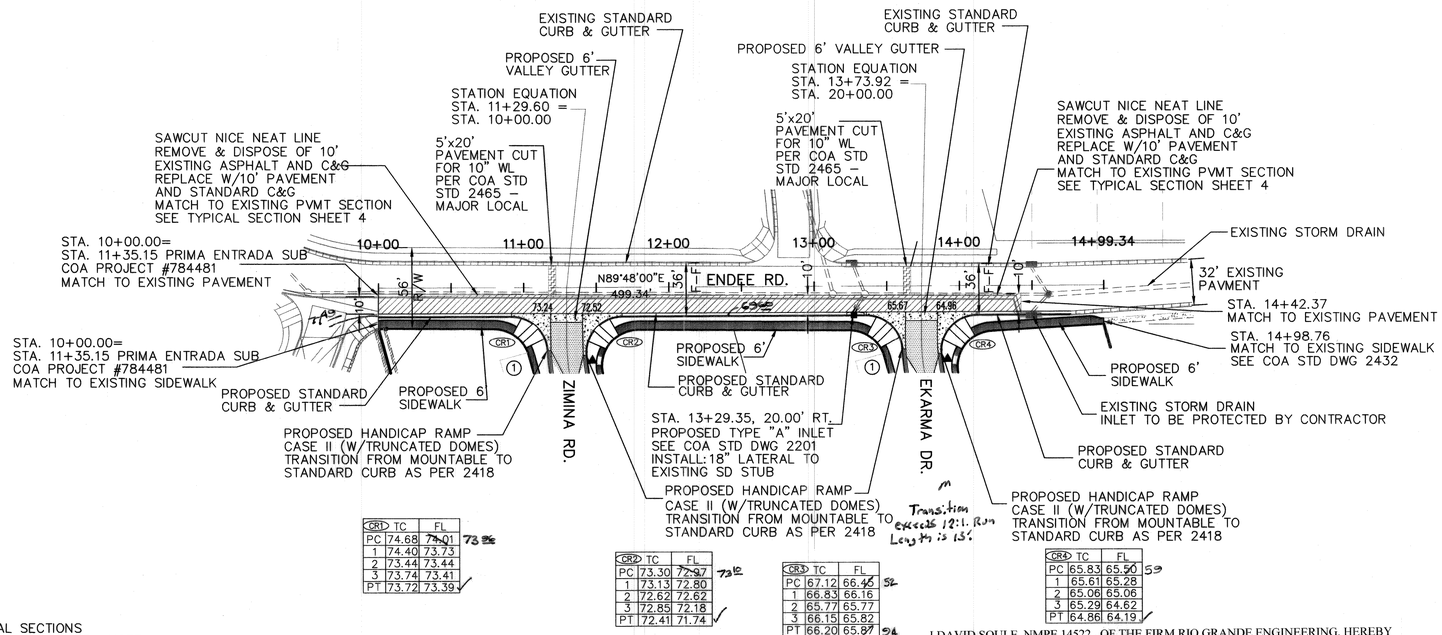
SUNDORO SOUTH UNIT 9
OVERALL PAVING LAYOUT

DESIGN REVIEW COMMITTEE: APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED CITY ENGINEER
MO./DAY/YR. MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
7270.80	J-9-Z	5	12

Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-plans\PLANSET\05-OVR-PAVE.dwg 7/13/2011 11:30:19 AM MDT

SCANNED BY PLANNING



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PC	74.68	74.01
1	74.40	73.73
2	73.44	73.44
3	73.74	73.41
PT	73.72	73.39

CR2	TC	FL
PC	73.30	72.97
1	73.13	72.80
2	72.62	72.62
3	72.85	72.18
PT	72.41	71.74

CR3	TC	FL
PC	67.12	66.45
1	66.83	66.16
2	65.77	65.77
3	66.15	65.82
PT	66.20	65.87

CR4	TC	FL
PC	65.83	65.50
1	65.61	65.28
2	65.06	65.06
3	65.29	64.62
PT	64.86	64.19

NOTE:

1. FOR TYPICAL SECTIONS SEE SHEET 4 OF THIS PLANSET
2. USE ALL C.O.A. STANDARDS UNLESS OTHERWISE NOTED.
3. TRUNCATED DOMES (DETECTABLE WARNING SURFACE) DESIGN PER ADA GUIDELINES. SUBMIT SPEC.'S TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.

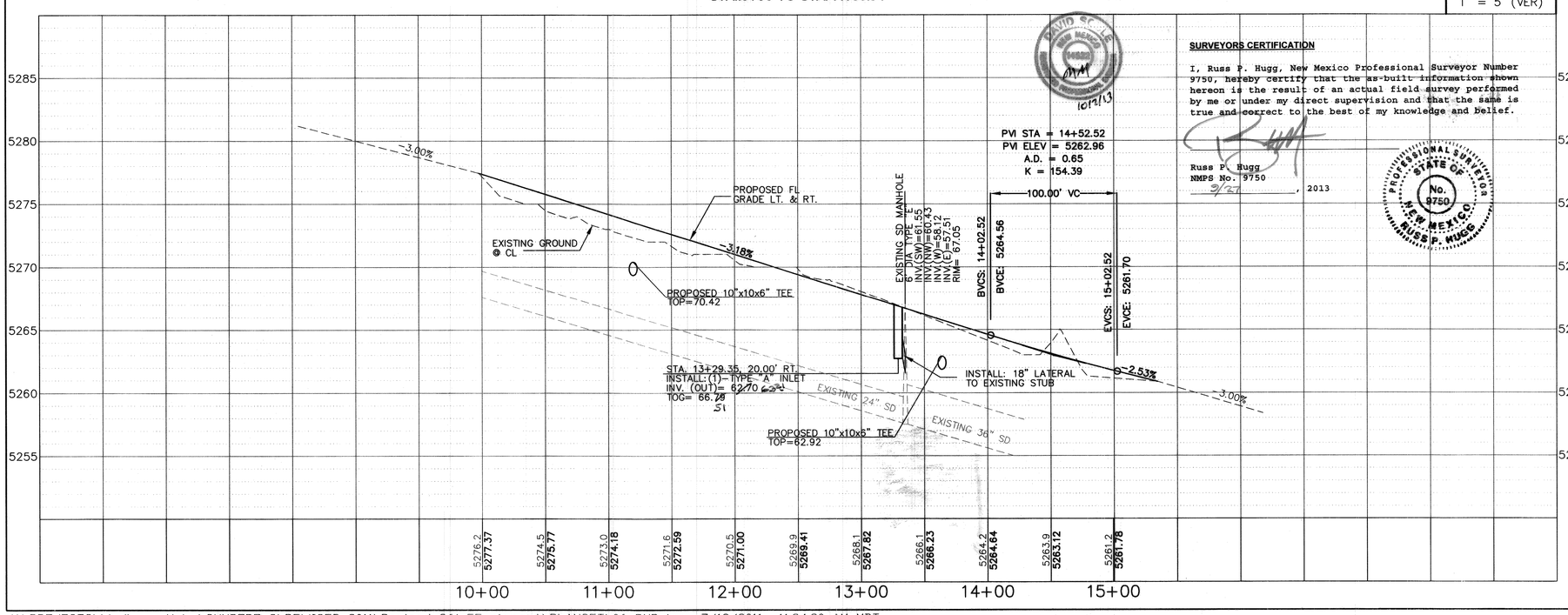
I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

N

ENDEE ROAD

STA.10+00 TO STA. 14+99.34

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
9/27, 2013

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
- PROPOSED SIDEWALK SEE COA STD DWG 2430
- DEFERRED 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 (W/TRUNCATED DOME) SEE COA STD DWG 2441
- EXISTING CURB & GUTTER
- REMOVE & DISPOSE OF EXISTING ASPHALT CURB REPLACE W/10' PROPOSED PAVEMENT AND STANARD CURB & GUTTER (RESIDENTIAL) SEE ENDEE TYPICAL SECTION SHEET 4
- REMOVE & DISPOSE OF EXISTING PAVEMENT & CURB & GUTTER REPLACE W/PROPOSED PAVEMENT AND STANDARD CURB & GUTTER SEE RESIDENTIAL TYPICAL SECTION SHEET 4
- REMOVE & DISPOSE OF EXISTING PAVEMENT REPLACE W/PROPOSED PAVEMENT PER COA STD DWG 2465 (MAJOR LOCAL)

CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CR1	87°12'52"	25.00	23.81	38.05
CR2	94°40'46"	25.00	27.13	41.31
CR3	87°12'52"	25.00	23.81	38.05
CR4	94°40'46"	25.00	27.13	41.31

(1) 18' DRIVE PADS ARE SHOWN FOR LOCATION ONLY. REMAINDER DRIVE PADS TO BE 20' OTHERWISE NOTED. CONSTRUCTION OF DRIVE PADS ARE NOT INCLUDED IN WORK ORDER.

Record Drawing

AS BUILT INFORMATION

CONTRACTOR Sills Brothers
WORK STAKED BY Surv-Tek 6/5 DATE
INSPECTOR'S ACCEPTANCE BY RGH 10/3 DATE
FIELD VERIFICATION BY Surv-Tek 9/27 DATE
DRAWINGS CORRECTED BY Surv-Tek 9/27 DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARK

NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.99967114
Δα = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DBT DATE
DRAWN BY DEM DATE
CHECKED BY DBT DATE

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199
FAX: (505) 830-9248

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 9

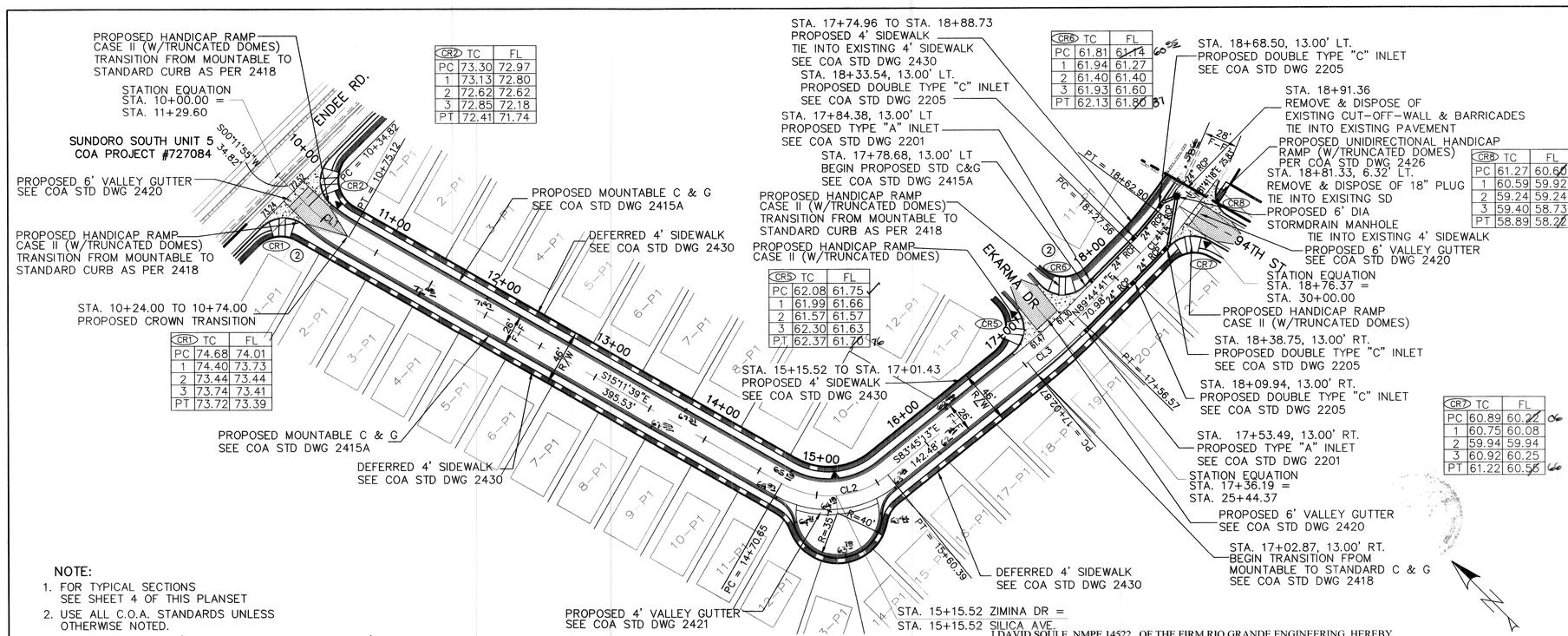
ENDEE ROAD PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE: APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED CITY ENGINEER
MO./DAY/YR. MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
7270.80	J-9-Z	6	12

Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-planset\PLANSET\06-PNP.dwg 7/13/2011 11:34:30 AM MDT

SCANNED BY PLANNING



CR2	TC	FL
PC	73.30	72.97
1	73.13	72.80
2	72.62	72.62
3	72.85	72.18
PT	72.41	71.74

CR1	TC	FL
PC	74.68	74.01
1	74.40	73.73
2	73.44	73.44
3	73.74	73.41
PT	73.72	73.39

CR5	TC	FL
PC	62.08	61.75
1	61.99	61.66
2	61.57	61.57
3	62.30	61.63
PT	62.37	61.70

CR6	TC	FL
PC	61.81	61.14
1	61.94	61.27
2	61.40	61.40
3	61.93	61.60
PT	62.13	61.80

CR8	TC	FL
PC	61.27	60.60
1	60.59	59.92
2	59.24	59.24
3	59.40	58.73
PT	58.89	58.22

CR7	TC	FL
PC	60.89	60.22
1	60.75	60.08
2	59.94	59.94
3	60.92	60.25
PT	61.22	60.55

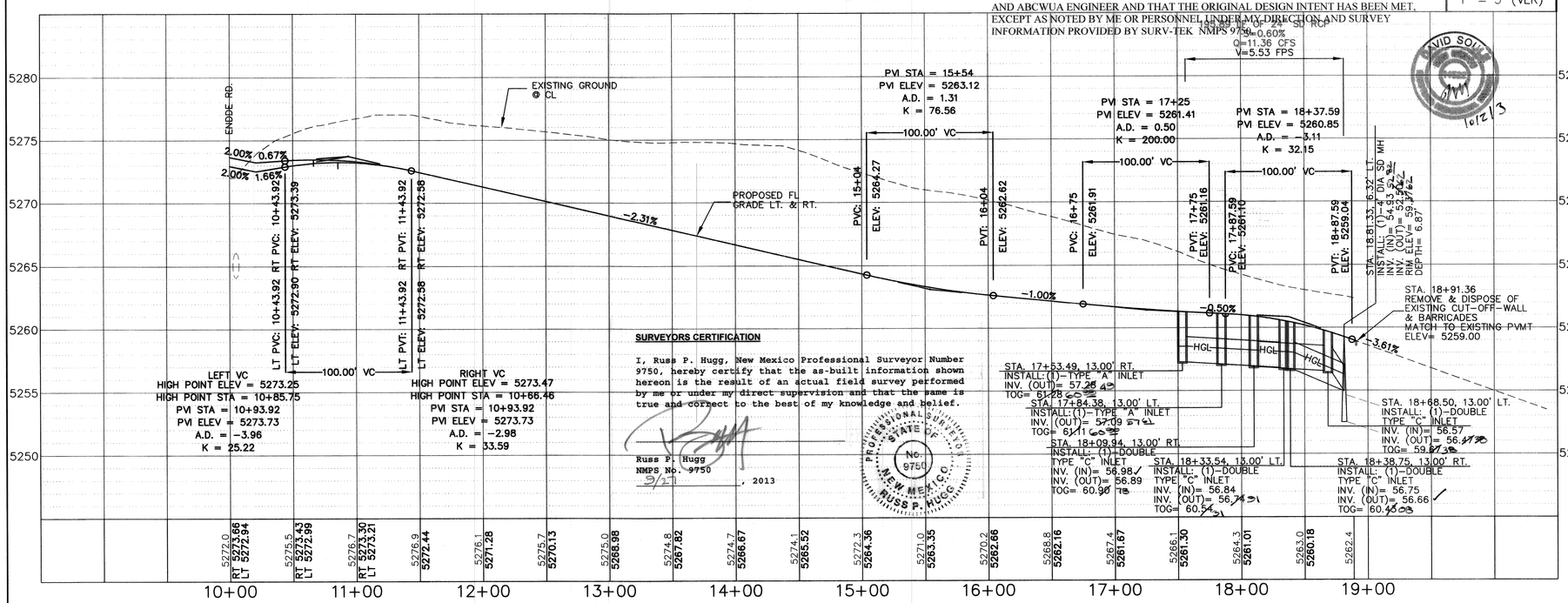
NOTE:
1. FOR TYPICAL SECTIONS SEE SHEET 4 OF THIS PLANSET
2. USE ALL C.O.A. STANDARDS UNLESS OTHERWISE NOTED.
3. TRUNCATED DOMES (DETECTABLE WARNING SURFACE) DESIGN PER ADA GUIDELINES. SUBMIT SPEC.'S TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.

ZIMINA DRIVE - SILICA AVE.

STA. 10+00 TO STA. 18+91.36

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

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.



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
9/27, 2013

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 (W/TRUNCATED DOMES) SEE COA STD DWG 2441
- EXISTING CURB & GUTTER

CENTERLINE CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CL1	15°23'34"	150.00	20.27	40.30
CL2	68°33'34"	75.00	51.12	89.74
CL3	06°27'01"	477.00	26.88	53.70
CL4	08°05'56"	250.00	17.70	35.34

CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CR1	87°12'52"	25.00	23.81	38.05
CR2	94°40'46"	25.00	27.13	41.31
CR5	89°14'18"	25.00	24.67	38.94
CR6	95°20'48"	25.00	27.45	41.60
CR7	79°16'36"	25.00	20.71	34.59
CR8	92°28'10"	20.00	20.88	32.28

Record Drawing

NOTE:
1. ALL STORM INLET GRATES TO BE CONSTRUCTED AND INSTALLED PER COA STD DWG 2220.
2. 18' DRIVE PADS ARE SHOWN FOR LOCATION ONLY. REMAINDER DRIVE PADS TO BE 20' OTHERWISE NOTED. CONSTRUCTION OF DRIVE PADS ARE NOT INCLUDED IN WORK ORDER.

AS BUILT INFORMATION
CONTRACTOR: SMITS
WORK STAKED BY: SURV-TEK 6/13 DATE
INSPECTOR'S ACCEPTANCE BY: R.H. 10/13 DATE
FIELD VERIFICATION BY: SURV-TEK 3/13 DATE
DRAWINGS CORRECTED BY: SURV-TEK 5/13 DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARK
NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.99967114
Δα = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
NEW MEXICO LICENSED PROFESSIONAL ENGINEER 9677 DAVID SOULE 10/2/13

NO.	DATE	REMARKS	BY

DESIGN: DESIGNED BY DBT DATE; DRAWN BY DEM DATE; CHECKED BY DBT DATE

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199
FAX: (505) 830-9248

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

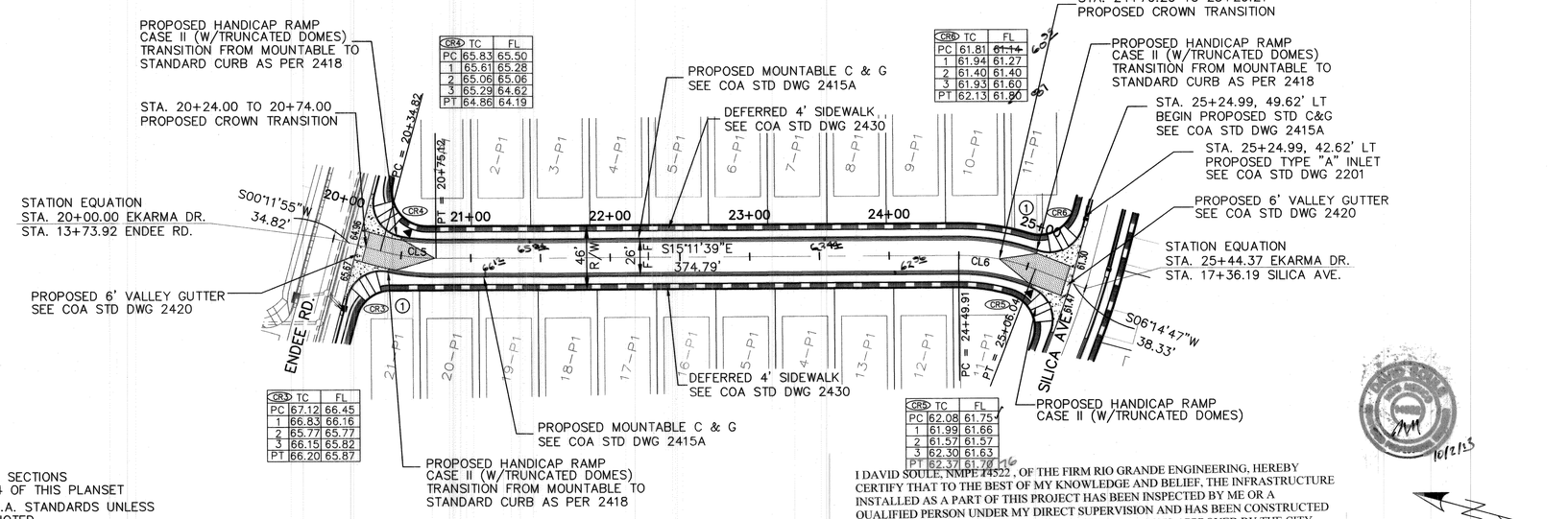
SUNDORO SOUTH UNIT 9
ZIMINA DR-SILICA AVE PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE: APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED CITY ENGINEER
MO./DAY/YR. | MO./DAY/YR.

City Project No. 7270.80 | Zone Map No. J-9-Z | Sheet 7 Of 12

Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-planset\PLANSET\07-PNP.dwg 6/28/2011 3:26:15 PM MDT

SCANNED BY PLANNING



CR4	TC	FL
PC	65.83	65.50
1	65.61	65.28
2	65.06	65.06
3	65.29	64.62
PT	64.86	64.19

CR3	TC	FL
PC	61.81	~~61.11~~ 60.32
1	61.94	61.27
2	61.40	61.40
3	61.93	61.60
PT	62.13	61.80

CR7	TC	FL
PC	67.12	66.45
1	66.83	66.16
2	65.77	65.77
3	66.15	65.82
PT	66.20	65.87

CR8	TC	FL
PC	62.08	61.75
1	61.99	61.66
2	61.57	61.57
3	62.30	61.63
PT	62.37	61.70

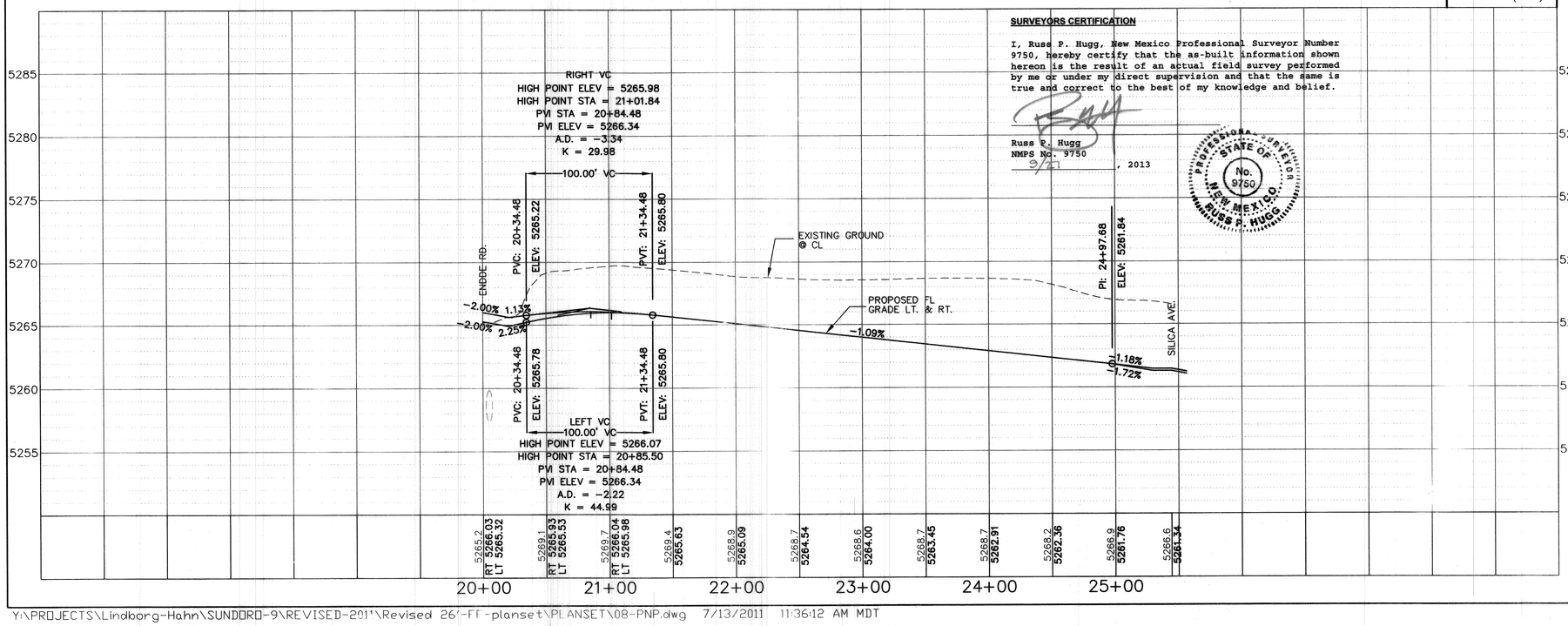
NOTE:
1. FOR TYPICAL SECTIONS SEE SHEET 4 OF THIS PLANSET
2. USE ALL C.O.A. STANDARDS UNLESS OTHERWISE NOTED.
3. TRUNCATED DOMES (DETECTABLE WARNING SURFACE) DESIGN PER ADA GUIDELINES. SUBMIT SPEC.'S TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.

I DAVID SOULE, NMPE 14522, OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

10/2/13

EKARMA DRIVE
STA. 20+00 TO STA. 25+44.37

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
9/27, 2013

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

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 (W/TRUNCATED DOMES) SEE COA STD DWG 2441
- EXISTING CURB & GUTTER

CENTERLINE CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CL5	15°23'34"	150.00	20.27	40.30
CL6	21°26'26"	150.00	28.40	56.13

CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CR3	87°12'52"	25.00	23.81	38.05
CR4	94°40'46"	25.00	27.13	41.31
CR7	79°16'36"	25.00	20.71	34.59
CR8	92°28'10"	20.00	20.88	32.28

Record Drawing

NOTE:
(1) 18' DRIVE PADS ARE SHOWN FOR LOCATION ONLY. REMAINDER DRIVE PADS TO BE 20' OTHERWISE NOTED. CONSTRUCTION OF DRIVE PADS ARE NOT INCLUDED IN WORK ORDER.

AS BUILT INFORMATION
CONTRACTOR Silver Line Grading
WORK STAKED BY Surv-Tek 9/19 DATE
INSPECTOR'S ACCEPTANCE BY DBT 10/11 DATE
FIELD VERIFICATION BY Surv-Tek 9/19 DATE
DRAWINGS CORRECTED BY Surv-Tek 9/19 DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARK
NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.99967114
Δα = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
9677 PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DBT DATE
DRAWN BY DEM DATE
CHECKED BY DBT DATE

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199 FAX: (505) 830-9248

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 9
EKARMA DRIVE PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE	APPROVED JUN 06 2013 CITY ENGINEER		

City Project No.	Zone Map No.	Sheet	Of
7270.80	J-9-Z	8	12

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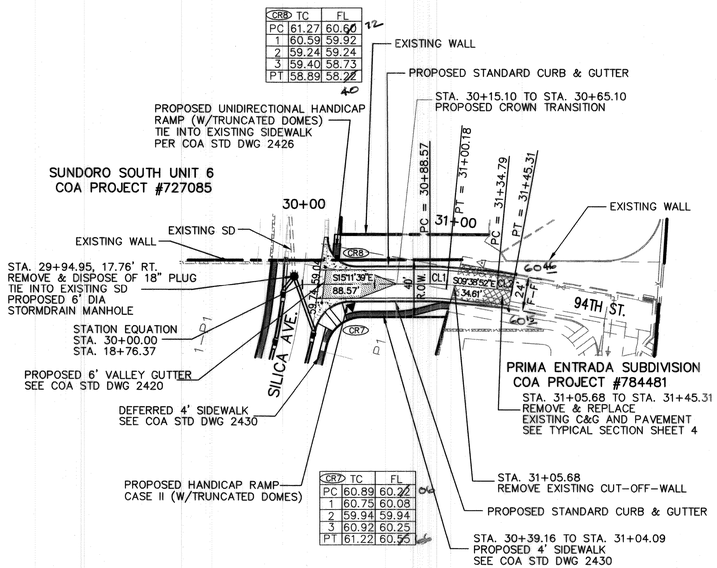
SCANNED BY PLANNING



CR8	TC	FL
PC	61.27	60.60
1	60.59	59.92
2	59.24	59.24
3	59.40	58.73
PT	58.89	58.22

CR7	TC	FL
PC	60.89	60.22
1	60.75	60.08
2	59.94	59.94
3	60.92	60.25
PT	61.22	60.55

NOTE:

1. FOR TYPICAL SECTIONS SEE SHEET 4 OF THIS PLANSET
2. USE ALL C.O.A. STANDARDS UNLESS OTHERWISE NOTED.
3. TRUNCATED DOMES (DETECTABLE WARNING SURFACE) DESIGN PER ADA GUIDELINES. SUBMIT SPEC.'S TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

10/2/13

SURVEYORS CERTIFICATION

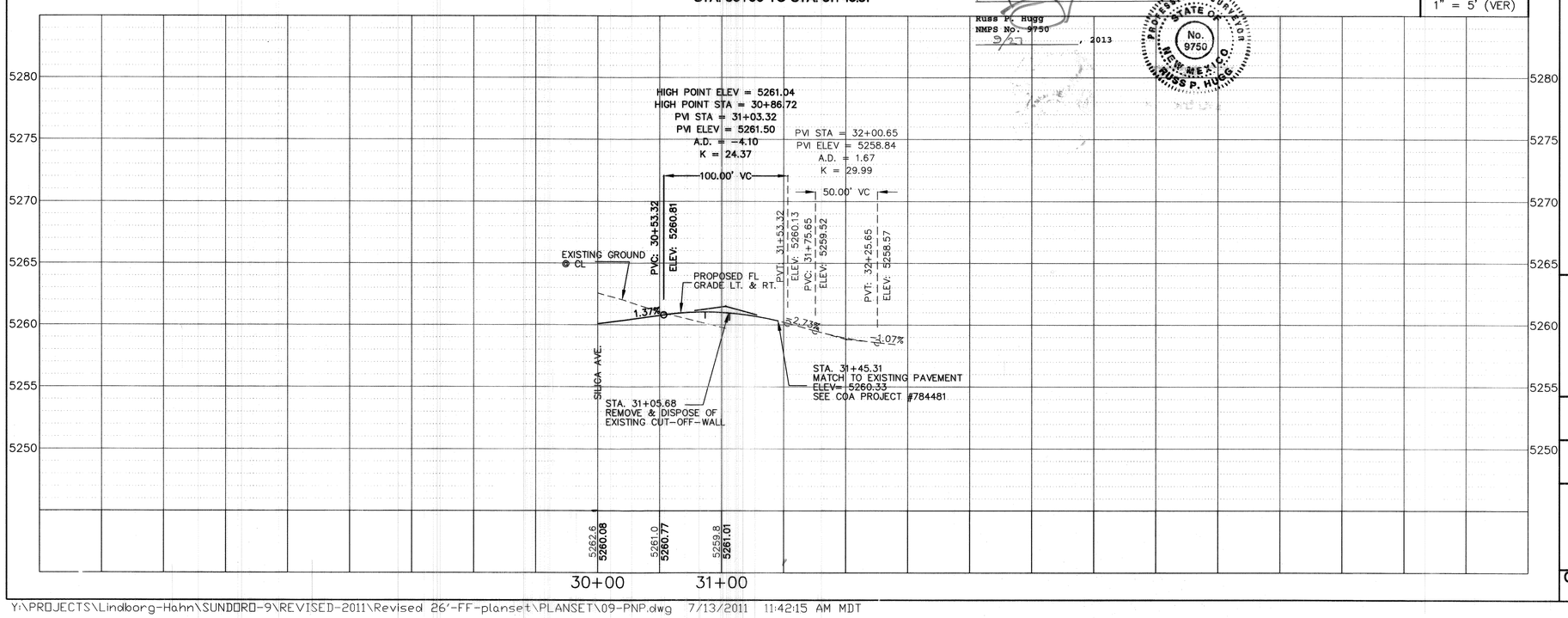
I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
9/27, 2013

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

94TH STREET
STA. 30+00 TO STA. 31+45.31

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
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- 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 (W/TRUNCATED DOMES) SEE COA STD DWG 2441
- EXISTING CURB & GUTTER
- REMOVE AND DISPOSE OF EXISTING PAVEMENT & CURB & GUTTER REPLACE W/PROPOSED PAVEMENT AND STANDARD CURB & GUTTER SEE RESIDENTIAL TYPICAL SECTION SHEET 4

CENTERLINE CURVE DATA

CURVE #	DELTA	RADIUS	TAN	LENGTH
CL1	05°32'47"	120.00	5.81	11.62
CL2	05°01'19"	120.00	5.26	10.52

CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CR7	79°16'36"	25.00	20.71	34.59
CR8	92°28'10"	20.00	20.88	32.28

Record Drawing

AS BUILT INFORMATION
CONTRACTOR Sallis Bros'Hwy
WORK STAKED BY Surv-Tek DATE 9/9
INSPECTOR'S ACCEPTANCE BY Dale DATE 10/2
FIELD VERIFICATION BY Surv-Tek DATE 9/9
DRAWINGS CORRECTED BY Surv-Tek DATE 9/9
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARK
NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.99967114
$\Delta\alpha$ = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RUSS P. HUGG 9677 NEW MEXICO LICENSED PROFESSIONAL SURVEYOR

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DBT DATE
DRAWN BY DEM DATE
CHECKED BY DBT DATE

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
P.O. BOX 65760 ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199
FAX: (505) 830-9248

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 9
94TH STREET PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE: APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED OCT 04 2013 CITY ENGINEER
MO./DAY/YR. | MO./DAY/YR.

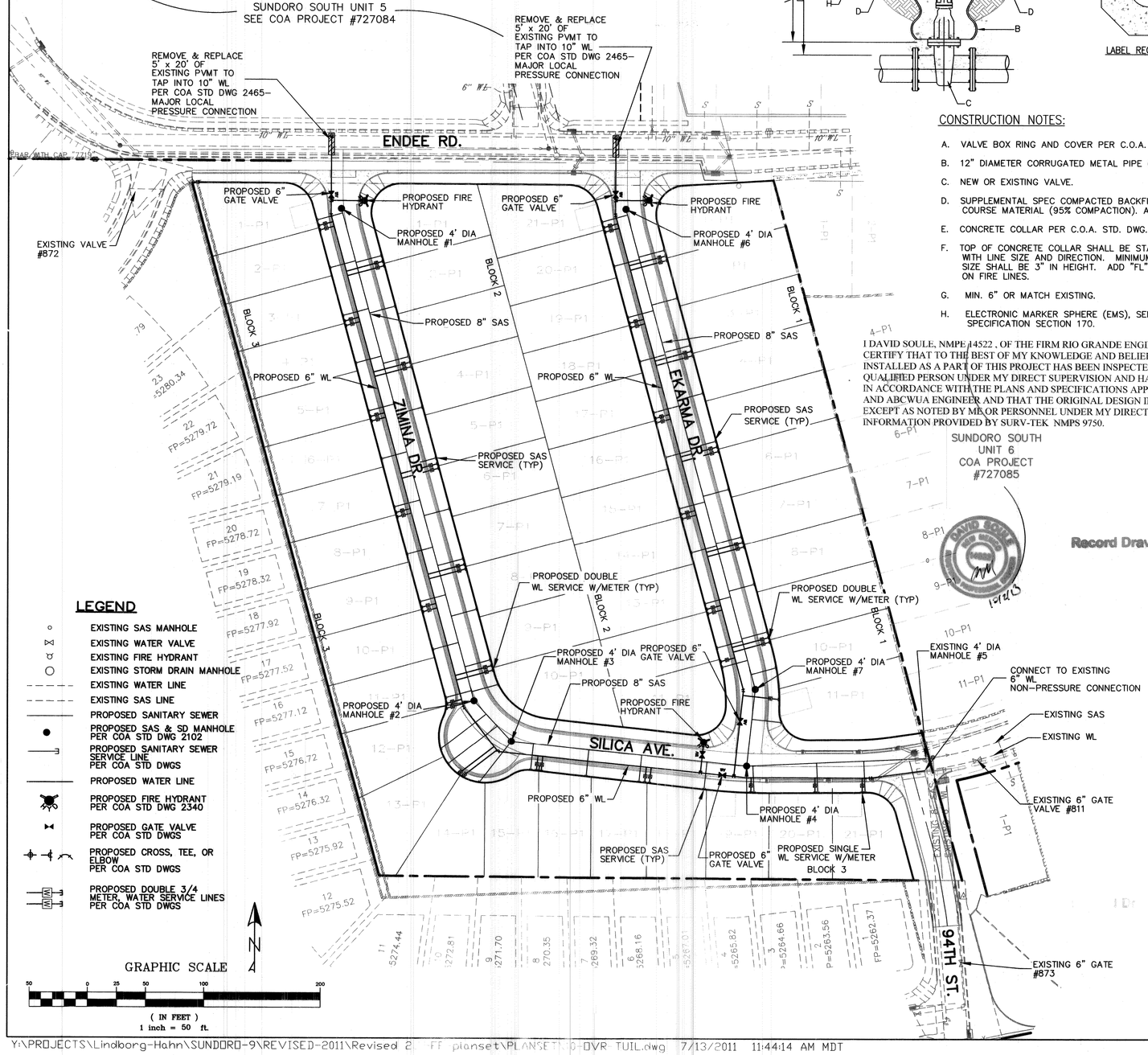
City Project No.	Zone Map No.	Sheet	Of
7270.80	J-9-Z	9	12

Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-planset\PLANSET\09-PNP.dwg 7/13/2011 11:42:15 AM MDT

SCANNED BY PLANNING

UTIILTY NOTES:

1. CONTRACTOR RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES PRIOR TO WORK.
2. PROPOSED 6" & 8" WL HAS 3' MIN. COVER
3. ALL PROPOSED MANHOLE LIDS TO MATCH WITH PROPOSED PAVEMENT
4. CITY STANDARDS TO BE USED ON ALL UTILITIES UNLESS OTHERWISE NOTED.
5. ELECTRONIC MARKER SPHERES (EMS'S) MUST BE INSTALLED ON WATER LINE AND SANITARY SEWER LINE APPURTENANCES AS PER CITY SPEC. SECTION 170.
6. ALL WATER SERVICE LINES AND WATER METERS SHALL BE 3/4".
7. MANHOLE STEPS SHALL NOT BE INSTALLED IN SANITARY SEWER MANHOLES

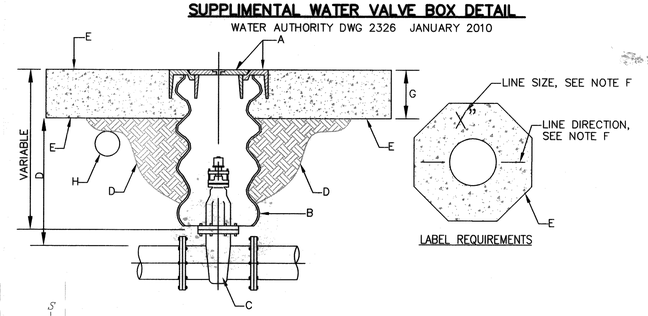


LEGEND

- EXISTING SAS MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM DRAIN MANHOLE
- EXISTING WATER LINE
- EXISTING SAS LINE
- PROPOSED SANITARY SEWER
- PROPOSED SAS & SD 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 DOUBLE 3/4 METER, WATER SERVICE LINES PER COA STD DWGS

SUPPLIMENTAL WATER VALVE BOX DETAIL

WATER AUTHORITY DWG 2326 JANUARY 2010



CONSTRUCTION NOTES:

A. VALVE BOX RING AND COVER PER C.O.A. STD. DWG. 2328.

B. 12" DIAMETER CORRUGATED METAL PIPE (CMP), TAR COATED.

C. NEW OR EXISTING VALVE.

D. SUPPLEMENTAL SPEC COMPACTED BACKFILL. SOIL OR BASE COURSE MATERIAL (95% COMPACTION). ASTM ID 1557

E. CONCRETE COLLAR PER C.O.A. STD. DWG. 2461.

F. TOP OF CONCRETE COLLAR SHALL BE STAMPED WITH LINE SIZE AND DIRECTION. MINIMUM LETTER SIZE SHALL BE 3" IN HEIGHT. ADD "FL" FOR VALVES ON FIRE LINES.

G. MIN. 6" OR MATCH EXISTING.

H. ELECTRONIC MARKER SPHERE (EMS), SEE COA STANDARD SPECIFICATION SECTION 170.

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

Record Draw

BLOCK 1	SAS SERVICE HOOK-UP			WATER MAIN LINE SPUR		
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE
1	20+93.59	23.00 LT	60.69	20+98.59	23.00 LT	DOUBLE
2	21+36.09	23.00 LT	60.09	21+02.59	23.00 LT	
3	21+78.59	23.00 LT	59.49	21+83.59	23.00 LT	DOUBLE
4	22+21.09	23.00 LT	58.89	21+87.59	23.00 LT	
5	22+63.59	23.00 LT	58.29	22+68.59	23.00 LT	DOUBLE
6	23+06.09	23.00 LT	57.69	22+72.59	23.00 LT	
7	23+48.59	23.00 LT	57.09	23+53.59	23.00 LT	DOUBLE
8	23+91.09	23.00 LT	56.49	23+57.59	23.00 LT	
9	24+33.59	23.00 LT	55.89	24+38.59	23.00 LT	DOUBLE
10	24+63.12	23.00 LT	55.47	24+42.59	23.00 LT	
11	25+03.91	25.75 LT	55.16	24+86.80	23.00 LT	SINGLE

BLOCK 2	SAS SERVICE HOOK-UP			WATER MAIN LINE SPUR		
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE
1	10+98.35	23.00 LT	67.99	11+03..35	23.00 LT	DOUBLE
2	11+43.35	23.00 LT	67.08	11+07.35	23.00 LT	
3	11+88.35	23.00 LT	66.17	11+93.35	23.00 LT	DOUBLE
4	12+33.35	23.00 LT	65.27	11+97.35	23.00 LT	
5	13+78.35	23.00 LT	64.36	12+83.35	23.00 LT	DOUBLE
6	13+23.35	23.00 LT	63.45	12+87.35	23.00 LT	
7	13+68.35	23.00 LT	62.54	13+73.35	23.00 LT	DOUBLE
8	14+13.35	23.00 LT	61.63	13+77.35	23.00 LT	
9	14+58.35	23.00 RT	60.72	14+63.35	23.00 RT	DOUBLE
10	14+84.72	23.00 RT	60.19	14+67.35	23.00 RT	
11	24+53.15	23.00 RT	55.61	24+47.66	23.00 RT	SINGLE
12	24+35.66	23.00 RT	55.86	24+05.16	23.00 RT	DOUBLE
13	23+96.16	23.00 RT	56.42	24+01.16	23.00 RT	
14	23+50.66	23.00 RT	57.07	23+20.16	23.00 RT	DOUBLE
15	23+11.16	23.00 RT	57.63	23+16.16	23.00 RT	
16	22+65.66	23.00 RT	58.28	22+35.16	23.00 RT	DOUBLE
17	22+26.16	23.00 RT	58.84	22+31.16	23.00 RT	
18	21+80.66	23.00 RT	59.49	21+50.16	23.00 RT	DOUBLE
19	21+41.16	23.00 RT	60.05	21+46.16	23.00 RT	
20	20+95.66	23.41 RT	60.70	20+66.76	23.41 RT	DOUBLE
21	20+58.74	24.04 RT	61.22	20+62.76	23.41 RT	

BLOCK 3	SAS SERVICE HOOK-UP			WATER MAIN LINE SPUR		
LOT	STATION	OFFSET	ELEV.	STATION	OFFSET	TYPE
1	10+57.24	24.24 RT	68.68	10+61.24	23.00 RT	DOUBLE
2	10+96.89	23.00 RT	67.89	10+65.24	23.00 RT	
3	11+39.39	23.00 RT	67.04	11+44.39	23.00 RT	DOUBLE
4	11+81.89	23.00 RT	66.19	11+48.39	23.00 RT	
5	12+24.39	23.00 RT	65.34	12+29.39	23.00 RT	DOUBLE
6	12+66.89	23.00 RT	64.49	12+33.39	23.00 RT	
7	13+09.39	23.00 RT	63.64	13+14.39	23.00 RT	DOUBLE
8	13+51.89	23.00 RT	62.79	13+18.39	23.00 RT	
9	13+94.39	23.00 RT	61.44	13+99.39	23.00 RT	DOUBLE
10	14+36.89	23.00 RT	61.10	14+03.39	23.00 RT	
11	14+77.32	23.00 RT	60.29	14+80.45	25.49 RT	DOUBLE
12	15+02.04	49.27 RT	60.35	14+83.82	51.74 RT	
13	15+10.20	53.27 RT	60.18	15+17.48	51.74 RT	DOUBLE
14	15+28.70	49.48 RT	59.61	15+19.86	53.57 RT	
15	15+54.06	23.35 RT	58.58	15+57.41	23.00 RT	DOUBLE
16	16+00.06	23.00 RT	57.47	15+61.41	23.00 RT	
17	16+45.75	23.00 RT	56.36	16+50.75	23.00 RT	DOUBLE
18	17+02.06	23.00 RT	55.00	16+54.75	23.00 RT	
19	17+43.20	23.00 RT	53.82	17+40.47	23.00 RT	SINGLE
20	17+97.37	23.00 RT	52.51	17+94.77	23.00 RT	SINGLE
21	18+37.08	23.37 RT	51.67	18+34.72	23.16 RT	SINGLE

WATER SHUT OFF PLAN:

1. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OR PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ON-LINE AT http://abcqua.org/contnt/view/463/729.
2. VALVES SHALL BE OPERATED BY ABCWUA ONLY.
3. MAKE A PRESSURE CONNECTION IN ENDEE RD AT NORTH BOUNDARY.
4. MAKE NON-PRESSURE CONNECTION IN SILICA AVE. AT EAST BOUNDARY BY SHUTTING OFF EXISTING GATE VALVE #811 AND #873.

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

SIZE	RUN	BRANCH
10x10x6	4	16
6x6x6	6	20

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

	HORZ. BENDS			
SIZE	90°	45°	22 1/2°	11 1/4°
10	26	11	5	3
6	17	7	3	2

AS BUILT INFORMATION
CONTRACTOR Soil S Inc.
WORK STAKED BY Surv-Tek 9/13 DATE
ACCEPTANCE BY RGE 10/7 DATE
FIELD VERIFICATION BY Surv-Tek 9/13 DATE
DRAWINGS CORRECTED BY Surv-Tek 9/13 DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARK
NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.99967114
Δα = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID SOULE 9677 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DBT DATE :
DRAWN BY DEM DATE :
CHECKED BY DBT DATE :

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
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 9
OVERALL UTILITY LAYOUT

DESIGN REVIEW COMMITTEE: APPROVED SEP 28 2011 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED CITY ENGINEER
MO./DAY/YR. MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
7270.80	J-9-Z	10	12

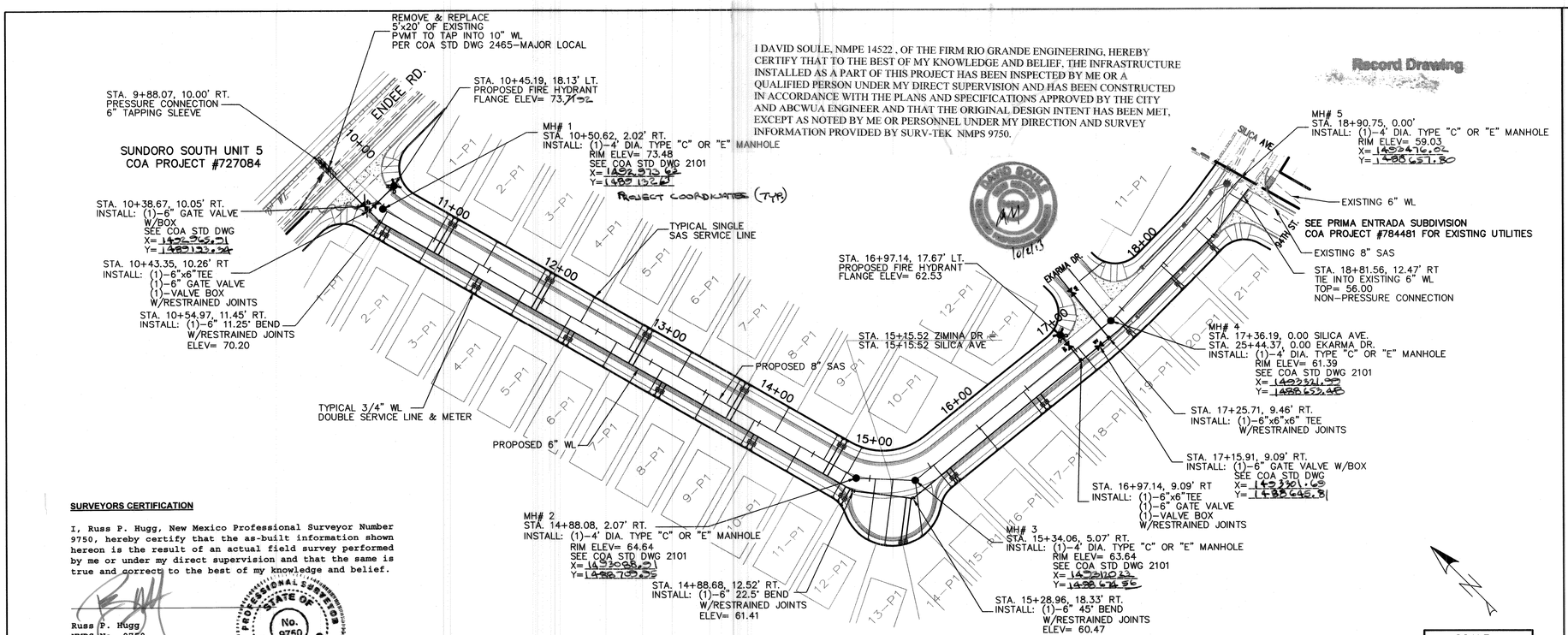
Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 2 FF planset\PLANSET 10-OVR TUIL.dwg 7/13/2011 11:44:14 AM MDT

SCANNED BY
PLANNING

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

10/21/13

Record Drawing



LEGEND

- EXISTING SAS MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM DRAIN MANHOLE
- WL — — — — EXISTING WATER LINE
- SAS — — — — EXISTING SAS LINE
- PROPOSED SANITARY SEWER
- PROPOSED SAS MANHOLE PER COA STD DWG 2101
- 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 3/4" METER, WATER SERVICE LINES PER COA STD DWGS
- PROPOSED DOUBLE 3/4" METER, WATER SERVICE LINES PER COA STD DWGS

UTIILTY NOTES:

1. CONTRACTOR RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES PRIOR TO WORK.
2. PROPOSED 6" WL HAS 3' MIN. COVER
3. ALL PROPOSED MANHOLE LIDS TO MATCH WITH PROPOSED PAVEMENT
4. CITY STANDARDS TO BE USED ON ALL UTILITIES UNLESS OTHERWISE NOTED.
5. DO NOT INSTALL STEPS IN SAS MANHOLES.

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.

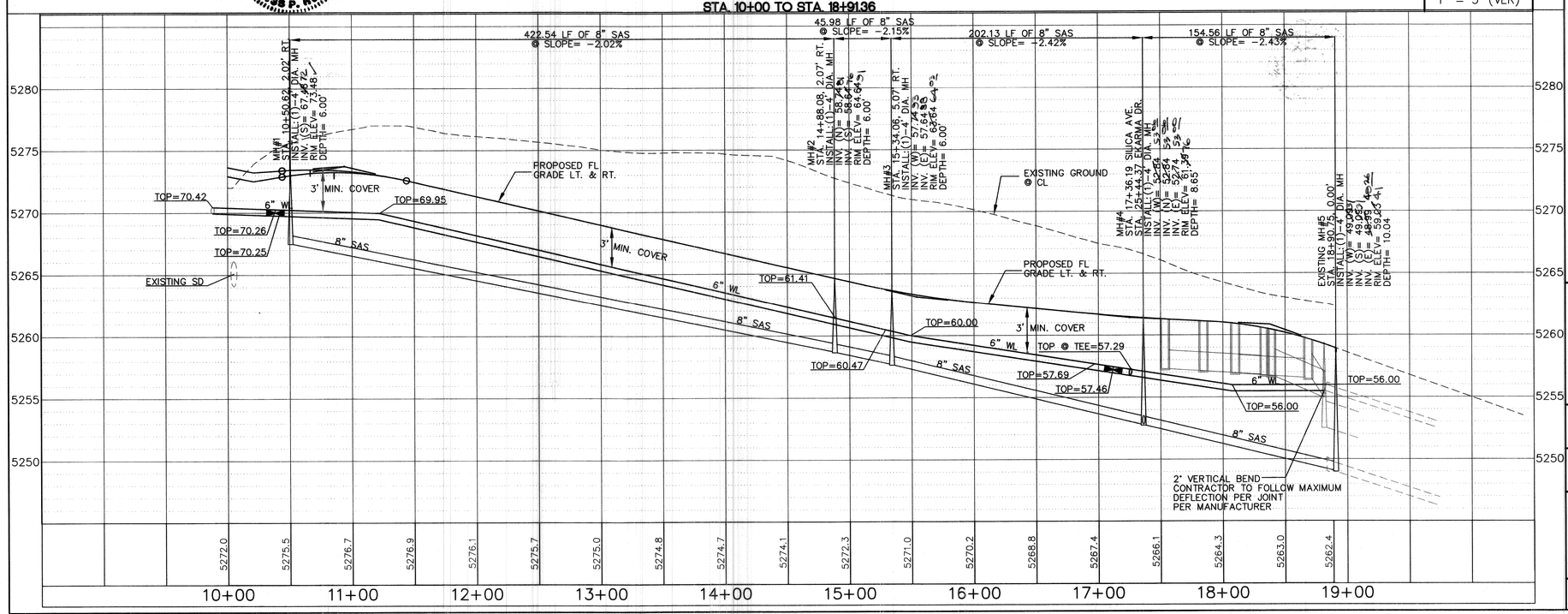
Russ P. Hugg
NMPS No. 9750
3/21, 2013

PROFESSIONAL SURVEYOR — STATE OF NEW MEXICO — No. 9750 — RUSS P. HUGG

ZIMINA DRIVE - SILICA AVE.

STA. 10+00 TO STA. 18+91.36

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



AS BUILT INFORMATION

CONTRACTOR	Silva Construction	DATE
WORK STAKED BY	Surv-Tek	6/19 DATE
INSPECTOR'S ACCEPTANCE BY	Dale	10/21 DATE
AS-BUILT VERIFICATION BY	Surv-Tek	8/19 DATE
DRAWINGS CORRECTED BY	Surv-Tek	8/19 DATE

RECORDED BY _____ DATE _____

NO.

BENCH MARK

NGS MONUMENT "REWARD"
x = 350994.85
y = 1487301.42
Ground to Grid Factor: 0.99967114
$\Delta\alpha$ = -00° 17' 11"
NMSP CENTRAL ZONE
NAD 1927
ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO LICENSED PROFESSIONAL ENGINEER 9677

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY DBT DATE
DRAWN BY DEM DATE
CHECKED BY DBT DATE

Thompson Engineering Consultants, Inc.
tecnm@yahoo.com
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ALBUQUERQUE, NM 87193
PHONE: (505) 271-2199
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 9

ZIMINA DR-SILICA AVE. UTILITY PLAN & PROFILE

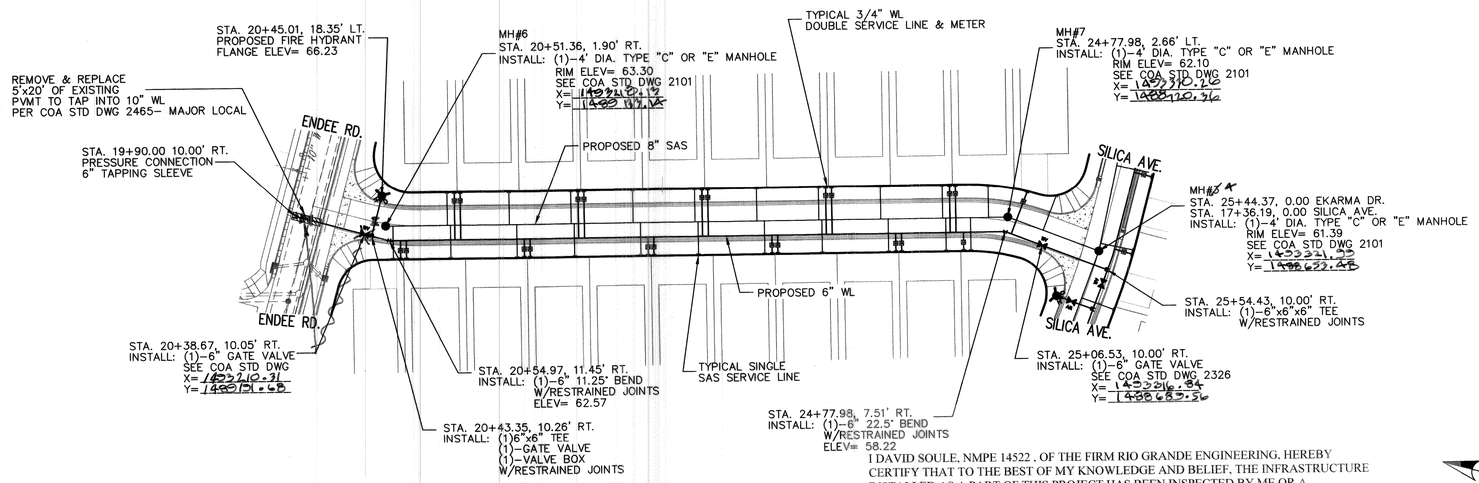
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE	APPROVED CITY ENGINEER		

City Project No.	Zone Map No.	Sheet	Of
7270.80	J-9-Z	11	12

Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-planset\PLANSET\11-PNP-UTIL.dwg 7/13/2011 11:45:01 AM MDT

SCANNED BY PLANNING

Record Drawing



I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY SURV-TEK NMPS 9750.

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.

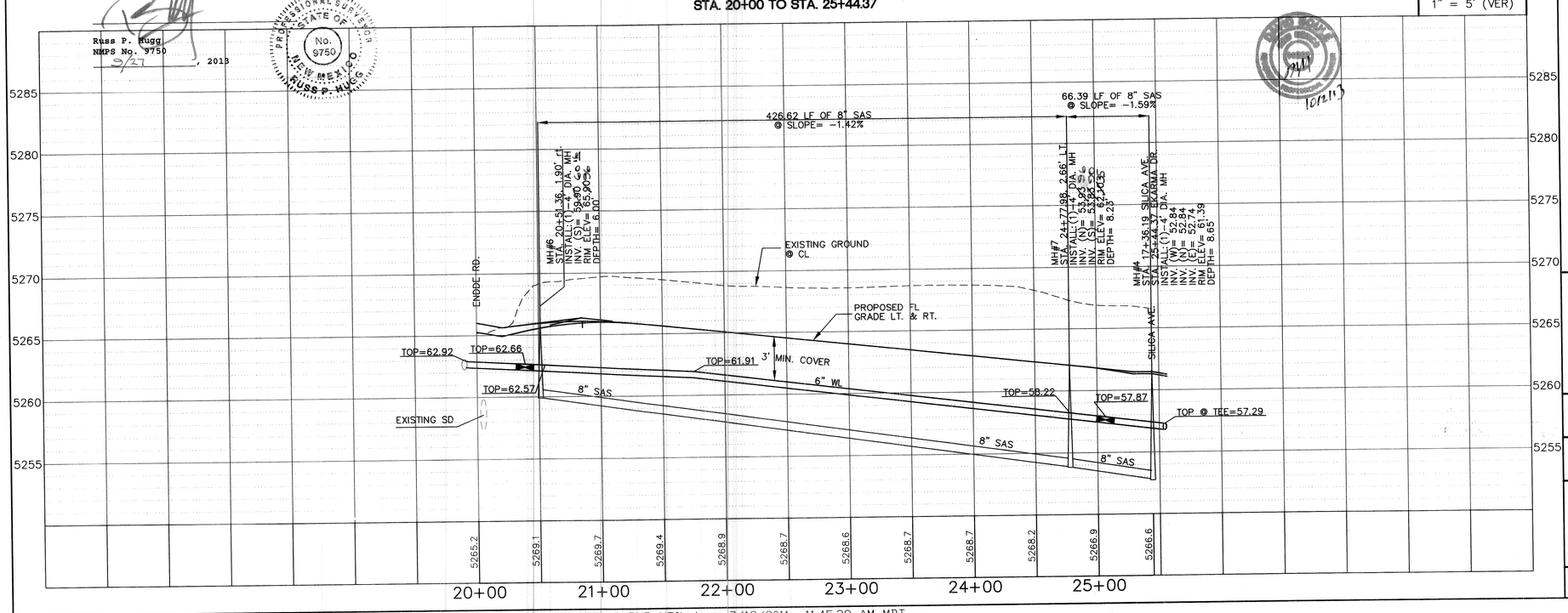
Russ P. Hugg
NMPS No. 9750
9/27, 2013

PROFESSIONAL SURVEYOR No. 9750 STATE OF NEW MEXICO RUSS P. HUGG

EKARMA DRIVE

STA. 20+00 TO STA. 25+44.37

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



LEGEND

- EXISTING SAS MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM DRAIN MANHOLE
- WL– – – – – EXISTING WATER LINE
- SAS– – – – – 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
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5. DO NOT INSTALL STEPS IN SAS MANHOLES.

AS BUILT INFORMATION
CONTRACTOR Silver Bayko
WORK STAKED BY Surv-Tek 9/3 DATE
SUBSECTIONS ACCEPTANCE BY Pete 9/3 DATE
FIELD VERIFICATION BY Surv-Tek 9/3 DATE
DRAWINGS CORRECTED BY Surv-Tek 9/3 DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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ELEVATION=5316.95 (NGVD 29)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
DAVID SOULE 14522 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DBT DATE
DRAWN BY DEM DATE
CHECKED BY DBT DATE

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tecnm@yahoo.com
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PHONE: (505) 271-2199
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SUNDORO SOUTH UNIT 9

EKARMA DRIVE UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE: APPROVED SEP 23 2011 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED 10/5/2013 CITY ENGINEER
MO./DAY/YR. | MO./DAY/YR.

City Project No. 7270.80 | Zone Map No. J-9-Z | Sheet 12 Of 12

Y:\PROJECTS\Lindborg-Hahn\SUNDORO-9\REVISED-2011\Revised 26'-FF-planset\PLANSET\12-PNP-UTIL.dwg 7/13/2011 11:45:29 AM MDT