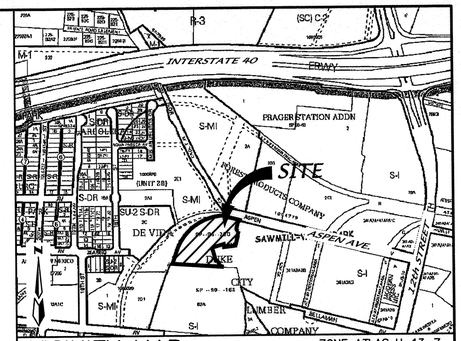
RECORD DRAWING

CONSTRUCTION PLANS

FOR

SAWMILL CROSSING
UNIT 1

ALBUQUERQUE, NEW MEXICO



VICINITY MAP — ZONE ATLAS H-13-Z — SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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 AS REVISED THROUGH UPDATE #8.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER 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.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF 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 ONLINE AT HTTP://ABCWUA.ORG/CONTENT/VIEW/463/729/
12. 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 FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
14. ELECTRONIC MARKER DEVICE (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #8.
15. PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPOSIBILITY).
16. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB & GUTTER, HANDICAP RAMPS AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE, PER CITY OF ALBUQUERQUE STANDARDS, AT HIS OWN EXPENSE.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [x] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [x] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [ ] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- [x] SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [ ] IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- [ ] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

NOTE:
CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS. DISTURBANCE OF EXISTING UTILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	11A		12/9/2013		11/19/13		

ENGINEERS STAMP & SIGNATURE: JOHN M. MACKENZIE, NEW MEXICO, 11619, REGISTERED PROFESSIONAL ENGINEER — John MacKenzie 11-06-12 02-18-13

APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		
TRANSPORTATION		06-06-12
WATER/WASTEWATER		
HYDROLOGY		
CIP		
CONSTR. MNGMT.		
CONSTR. COORD.		

APPROVED FOR CONSTRUCTION

CITY ENGINEER — DATE: 4-17-13

DRB NO. 1009046

CITY PROJECT NO. 617586

SHEET 1 OF 11

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RECORD DRAWING
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, John MacKenzie, NMPE 11619, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith, NMPS number 17122.

John M MacKenzie 09.18.13
John M. MacKenzie NMPE 11619

JOHN M. MACKENZIE, NEW MEXICO, 11619, REGISTERED PROFESSIONAL ENGINEER

{on every sheet put:}

I, John MacKenzie, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on November 6, 2012 and February 18, 2013.

{on cover sheet only put:}

This set of drawings is accepted for RECORD purposes by _____ on Feb 24, 2014

26-6175.06-2014

INDEX TO DRAWINGS

SHEET NO.	SHEET NO.
1	TITLE SHEET
2	PLAT
3	GRADING & DRAINAGE PLAN
4	MASTER PAVING PLAN
5	PAVING AND UTILITY DETAILS
6-7	PAVING IMPROVEMENTS
8	MASTER UTILITY PLAN
9-11	UTILITY IMPROVEMENTS
11A	SPILLWAY CHANNEL JMM 11.19.13

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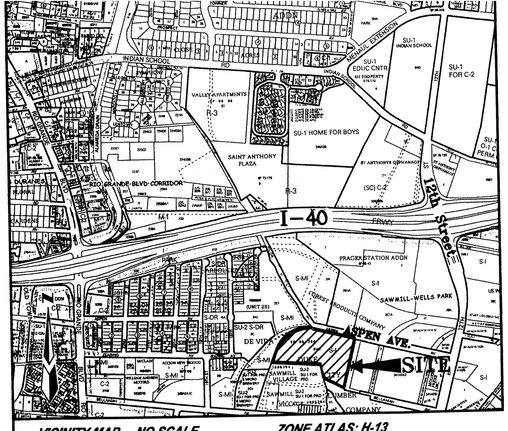
SAWMILL CROSSING UNIT 1

WITHIN
THE TOWN OF ALBUQUERQUE GRANT
PROJECTED SECTION 7
TOWNSHIP 10 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2013



VICINITY MAP NO SCALE **ZONE ATLAS: H-13**

SUBDIVISION DATA

GROSS ACREAGE	6.9323 Acres
ZONE ATLAS NO.	H-13-Z
NO. OF EXISTING LOTS	1
NO. OF LOTS/TRACTS CREATED	27 LOTS & 3 TRACTS
NO. OF TRACTS ELIMINATED	1
MILES OF FULL WIDTH STREETS CREATED	0.1071 MILES
AREA DEDICATED TO CITY OF ALBUQUERQUE	0.6588 Acres
DATE OF SURVEY	JANUARY, 2012

FREE CONSENT AND DEDICATION:

The subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets and public rights-of-way shown hereon to the City of Albuquerque in fee simple with warranty covenants and said owner(s) and/or proprietor(s) do hereby grant: all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power, water, sewer and communication services for buried distribution lines, conduits, and pipes for underground utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and indefeasible title in fee simple to the land subdivided.

SAWMILL CROSSING, LLC, Owner Lot B-1-A-2, Duke City Lumber Company Addition
Keith Cheshire, Managing Member

Keith Cheshire, Managing Member — *Date* 1/16/14

OWNER'S ACKNOWLEDGMENT:

STATE OF NEW MEXICO
COUNTY OF BERNALILLO ss

This instrument was acknowledged before me on January 16, 14
By Keith Cheshire, Managing Member of Sawmill Crossing LLC, a New Mexico Limited Liability Company on behalf of said Company

Kay Brasher — 8.19.15
NOTARY PUBLIC — *MY COMMISSION EXPIRES*

OFFICIAL SEAL
Kay Brashear
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 8-19-15

LEGAL DESCRIPTION:

A tract of land situate within the Town of Albuquerque Grant, projected Section 7, Township 10 North, Range 3 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being all of LOT B-1-A-2, DUKE CITY LUMBER COMPANY ADDITION, as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on December 15, 1995 in Volume 95C, Folio 451, and containing 6.9323 acres more or less.

PURPOSE OF PLAT:

1. *Subdivide Lot B-1-A-2, Duke City Lumber Company Addition into twenty seven (27) Residential lots and three (3) tracts.*
2. *Dedicated Right-Of-Way and grant easements as shown hereon in this plat.*
3. *Vacate easements as shown hereon in this plat.*

TABLE OF CONTENTS:

SHEET 1 COVER SHEET
SHEET 2 EXISTING CONDITIONS AND EASEMENTS
SHEET 3 FINAL PLAT GEOMETRY
SHEET 4 CURVE, LINE TABLES AND PUE NOTES

NOTES:

1. BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS (CENTRAL ZONE).
2. DISTANCES ARE GROUND DISTANCES.
3. BEARINGS AND DISTANCES IN PARENTHESIS ARE RECORD.
4. BASIS OF BOUNDARY IS FROM THE PLAT OF RECORD ENTITLED:

   "DUKE CITY LUMBER COMPANY ADDITION", (12-15-1995, 95C-451)
   "DUKE CITY LUMBER COMPANY ADDITION", (05-17-1996, 96C-204)
   "DUKE CITY LUMBER COMPANY ADDITION", (09-17-1990, 90C-222)
   "DUKE CITY LUMBER COMPANY ADDITION", (04-04-1978, D8-102)
   "DUKE CITY LUMBER COMPANY ADDITION", (12-22-1971, D4-177)
   "SAWMILL VILLAGE", (08-23-2010, 2010C-103)
   "LANDS OF FOREST PRODUCTS CO.", (05-25-1990, 90C-135)
   "LANDS OF FOREST PRODUCTS CO.", (02-11-2010, 2010C-19)
   "ARBOLERA DE VIDA UNIT 2B", (04-14-2008, 2008C-70)
   "SPECIAL WARRANTY DEED", (02-28-1992, 199217638)
   "LANDS OF OTTO SCHEER", (Dated 09-09-1943)
   "INDUSTRIAL PROPERTY & LEAD TRACK", (Dated 04-28-1947)

   ALL BEING RECORDS OF BERNALILLO COUNTY, NEW MEXICO.
5. FIELD SURVEY PERFORMED IN JANUARY, 2012.
6. 100 YEAR FLOOD ZONE DESIGNATION: ZONE X AND ZONE X (AREAS PROTECTED BY DIKES AND LEVEES), AS SHOWN ON PANEL 331 OF 825, FLOOD INSURANCE RATE MAP, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, DATED SEPTEMBER 26, 2008.
7. AS NECESSARY, EACH REAR YARD SHALL CONTAIN A PRIVATE DRAINAGE EASEMENT TO CONVEY REAR YARD RUNOFF FROM ADJOINING LOTS. SIDE YARDS THAT ARE NOT PART OF AN ATTACHED DWELLING SHALL ALSO CONTAIN A PRIVATE DRAINAGE EASEMENT TO CONVEY REAR YARDS FLOWS TO THE STREET.
8. TRACT B SHALL CONTAIN A 3-FOOT PRIVATE DRAINAGE EASEMENT ALONG THE REAR YARD BOUNDARY OF LOT 67 FOR THE BENEFIT OF LOTS 68 AND 69.
9. SIDEWALK CULVERTS AT THE STREET AND OTHER IMPROVEMENTS WITHIN PRIVATE DRAINAGE EASEMENTS SHALL BE MAINTAINED BY THE PROPERTY OWNER(S) WHO BENEFIT FROM THE EASEMENTS.
10. SOLAR NOTE: NO PROPERTY WITHIN THE AREA OF THIS PLAT SHALL AT ANY TIME BE SUBJECT TO A DEED RESTRICTION, COVENANT, OR BINDING AGREEMENT PROHIBITING SOLAR COLLECTORS FROM BEING INSTALLED ON BUILDINGS OR ERECTED ON THE LOTS OR PARCELS WITHIN THE AREA OF PROPOSED PLAT. THE FOREGOING REQUIREMENT SHALL BE A CONDITION TO APPROVAL OF THIS PLAT.

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC # 101205932646204020
PROPERTY OWNER OF RECORD: Sawmill Crossings LLC
BERNALILLO COUNTY TREASURER'S OFFICE:
1/16/14

DOC# 2014019749
03/11/2014 11:24 AM Page: 1 of 5
City/PLAT R $25.00 B: 2014C P: 0015 M: Toulous Olivere, Bernalillo Cou

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of Albuquerque, New Mexico, 1994.

Project Number: 1009046
Application Number: 14DRB-70030

PLAT APPROVAL

Utility Approvals:

PNM Electric Services	1-31-14 Date
New Mexico Gas Company	1/31/2014 Date
Qwest Corp d/b/a CenturyLink QC	2-7-14 Date
Comcast	1/31/14 Date

City Approvals:

City Surveyor	2-7-14 / 1-31-14 Date
Real Property Division	3-10-14 Date
Environmental Health Department	3-3-14 Date
Traffic Engineering, Transportation Division	02-26-14 Date
Albuquerque Bernalillo Water Utility Authority	02/26/14 Date
Parks and Recreation Department	02-26-14 Date
AMAFCA	3-3-14 Date
City Engineer	3-3-14 Date
DRB Chairperson, Planning Department	3-11-14 Date

SURVEYOR'S CERTIFICATION:

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief."

Timothy Aldrich P.S. No. 7719 — *Date* 01/22/14

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

A11047 FP COVER UNIT1.dwg	Drawn: DER	Checked: ALS	Sheet 1 of 5
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PLAT FOR SAWMILL CROSSING UNIT 1

WITHIN
THE TOWN OF ALBUQUERQUE GRANT
PROJECTED SECTION 7
TOWNSHIP 10 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
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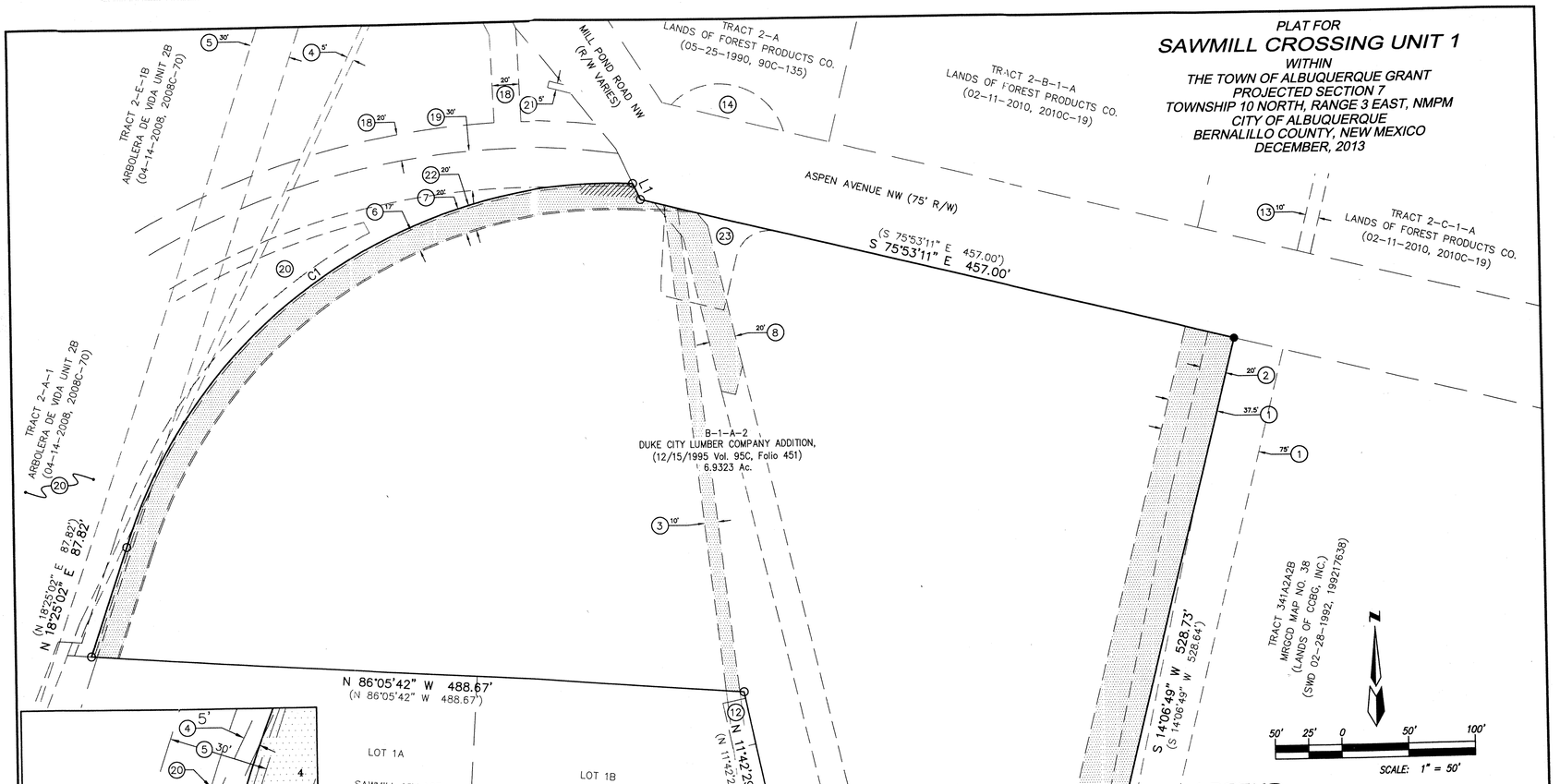
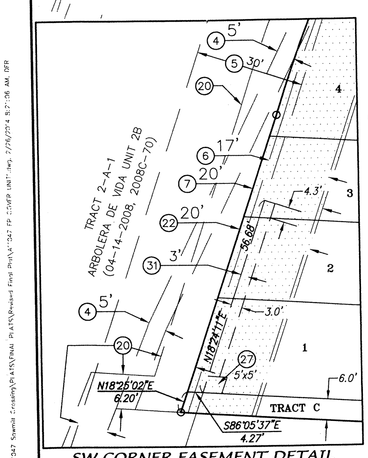


LEGEND

- LIMITS OF VACATION
- ○ SET 5/8 REBAR WITH CAP "LS 7719".
- ● FOUND PK NAIL W/WASHER "LS 9750"
- ■ FOUND 5/8" REBAR W/CAP "LS 11808"



SW CORNER EASEMENT DETAIL
SCALE: 1"=20'

LINE	BEARING	DISTANCE
L1	S24°39'11"E	13.34'
	(S24°39'11"E)	(13.34')

CURVE	LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	503.51'	383.73'	75°10'50"	N54°51'24"E	468.16'
	(503.51')	(383.73')	(75°10'50")	(N54°51'24"E)	(468.16')

DOC# 2014019749
03/11/2014 11:24 AM Page: 2 of 5
City/PLAT R $25.00 B: 2014C P: 0015 M: Toulous Olivere, Bernalillo Cou

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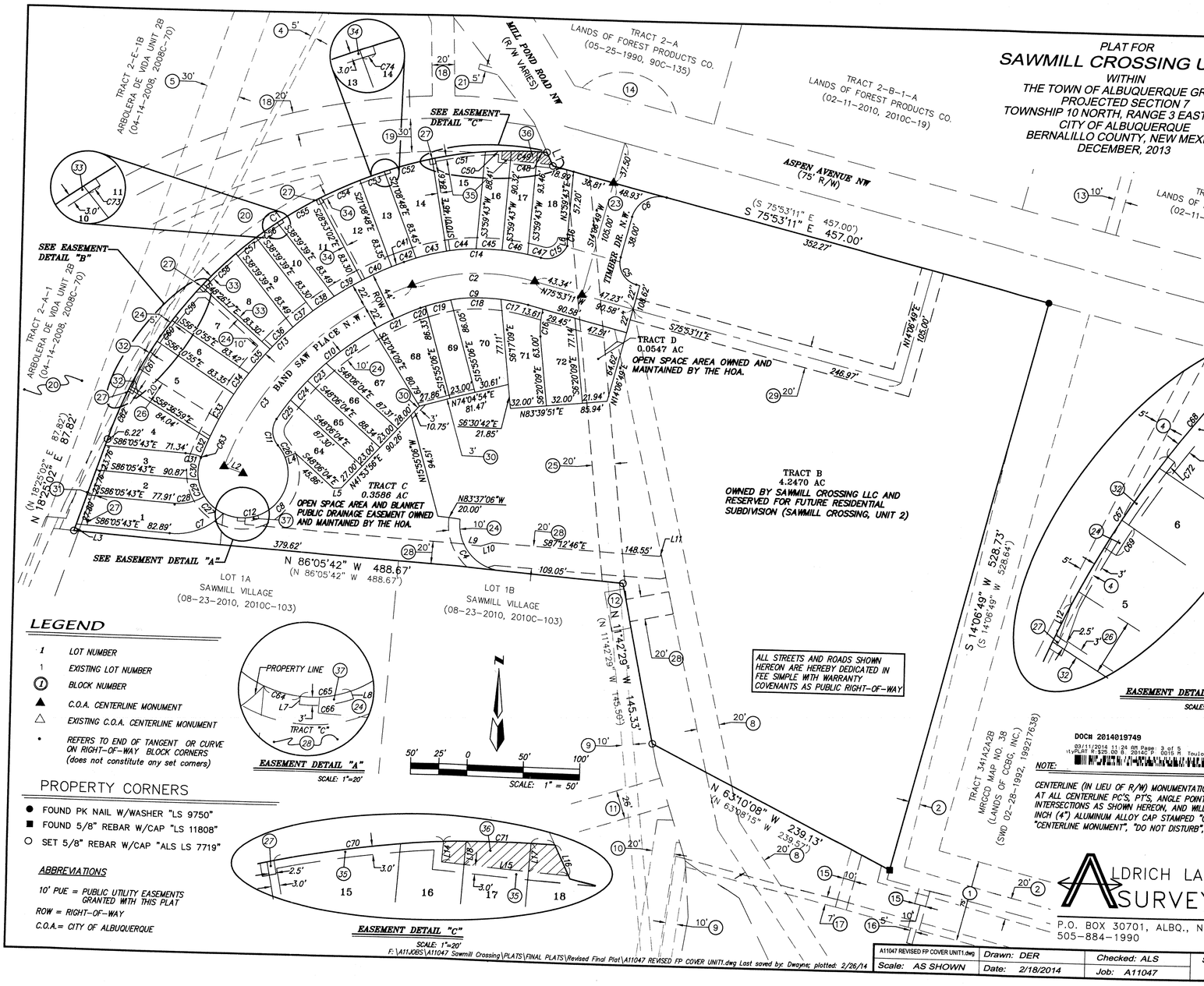

Curve Table

Curve #	Length	Radius	Tangent	Delta	Chord Bearing	Chord Length
C1	110.68	180.00	57.15	35°13'50"	S86°29'54"W	108.94
C2	241.04	278.43	128.66	49°36'05"	S44°04'57"W	233.58
C3	64.56	40.00	41.77	92°36'36"	S39°51'24"E	57.78
C4	31.42	20.00	20.00	90°00'00"	S30°53'11"E	28.28
C5	39.20	25.00	24.93	89°49'45"	S59°01'42"W	35.30
C6	52.52	55.46	28.42	54°15'43"	N68°05'11"E	50.58
C7	95.97	40.00	137.27	137°49"	N46°03'57"E	74.55
C8	97.15	158.00	50.17	35°13'50"	S86°29'54"W	95.83
C9	165.05	256.43	85.50	36°52'40"	S50°26'39"W	162.21
C10	25.46	20.00	14.78	72°56'15"	S4°27'48"E	23.78
C11	167.70	40.00	-68.98	240°12'50"	N79°10'29"E	69.21
C12	260.08	300.43	138.82	49°36'05"	S44°04'57"W	252.04
C13	123.61	202.00	63.81	35°03'38"	S86°24'48"W	121.69
C14	28.08	20.00	16.91	80°26'13"	N63°43'30"E	25.83
C15	4.36	50.00	2.18	5°00'02"	S1°29'41"W	4.36
C16	24.62	158.00	12.34	8°55'45"	N80°21'03"W	24.60
C17	44.81	158.00	22.55	16°14'55"	S87°03'37"W	44.66
C18	4.70	158.00	2.35	1°42'16"	S69°44'07"W	4.70
C19	23.02	158.00	11.53	8°20'55"	S74°45'43"W	23.00
C20	46.47	256.43	23.30	10°23'01"	S63°41'29"W	46.41
C21	51.32	256.43	25.75	11°28'01"	S52°45'57"W	51.24
C22	23.03	256.43	11.52	5°08'46"	S44°27'34"W	23.02
C23	23.03	256.43	11.52	5°08'46"	S39°18'49"W	23.02
C24	21.19	256.43	10.60	4°44'07"	S34°22'23"W	21.19
C25	12.75	40.00	6.43	18°15'58"	N31°47'57"W	12.70
C26	22.75	40.00	11.69	32°35'13"	S48°54'32"E	22.44
C27	27.66	43.00	14.33	36°35'25"	N75°28'35"E	27.19
C28	16.01	40.00	8.11	22°55'52"	S21°09'06"E	15.90
C29	20.32	40.00	10.39	29°06'43"	S4°52'17"W	20.11
C30	14.35	52.00	7.22	15°49'01"	N78°11'12"W	14.31
C31	17.30	300.43	8.65	3°17'56"	S21°08'03"W	17.30
C32	46.36	300.43	23.22	8°50'26"	S27°12'15"W	46.31
C33	23.01	300.43	11.51	4°23'15"	S33°49'05"W	23.00
C34	29.10	300.43	14.56	5°33'01"	S38°47'13"W	29.09
C35	28.24	300.43	14.13	5°23'11"	S44°15'19"W	28.23
C36	23.02	300.43	11.52	4°23'26"	S49°08'38"W	23.02
C37	23.02	300.43	11.52	4°23'26"	S53°32'04"W	23.02
C38	28.24	300.43	14.13	5°23'11"	S58°25'23"W	28.23
C39	29.11	300.43	14.56	5°33'03"	S63°53'30"W	29.09
C40	11.62	300.43	5.81	2°12'58"	S67°46'30"W	11.62
C41	11.39	202.00	5.70	3°13'50"	S70°29'54"W	11.39
C42	27.70	202.00	13.87	7°51'25"	S76°02'31"W	27.68
C43	26.39	202.00	13.22	7°29'12"	S83°42'50"W	26.38
C44	23.05	202.00	11.54	6°32'17"	N89°16'26"W	23.04
C45	23.05	202.00	11.54	6°32'17"	N82°44'09"W	23.04
C46	12.02	202.00	6.01	3°24'38"	N77°45'42"W	12.02
C47	8.41	383.73	4.21	1°15'22"	N88°10'51"W	8.41
C48	23.08	383.73	11.54	3°26'44"	S89°28'06"W	23.07
C49	23.23	383.73	11.62	3°28'06"	S86°00'41"W	23.23
C50	47.78	383.73	23.92	7°08'03"	S80°42'37"W	47.75
C51	43.98	383.73	22.01	6°34'05"	S73°51'35"W	43.95
C52	23.00	383.73	11.51	3°26'05"	S68°37'33"W	23.00
C53	40.36	383.73	20.20	6°01'32"	S64°07'44"W	40.34
C54	42.47	383.73	21.26	6°20'27"	S57°56'45"W	42.45
C55	42.45	383.73	21.26	6°20'27"	S51°36'18"W	42.43
C56	23.01	383.73	11.51	3°26'11"	S36°03'26"W	23.01
C57	23.01	383.73	11.51	3°26'11"	S49°37'16"W	23.01
C58	42.47	383.73	21.26	6°20'27"	S44°43'57"W	42.45
C59	63.37	383.73	31.75	9°27'41"	S36°49'53"W	63.29
C60	63.37	383.73	31.75	9°27'41"	S26°22'50"W	49.79
C61	49.83	383.73	24.95	7°26'25"	S23°12'52"W	11.42
C62	49.52	383.73	24.80	7°23'39"	S20°57'48"W	49.49
C63	1.06	300.43	0.53	0°12'11"	S19°23'00"W	1.06
C64	13.46	40.00	6.80	19°17'08"	S24°50'43"E	13.40
C65	18.16	40.00	9.24	26°00'21"	N82°30'33"E	18.00
C66	19.52	43.00	9.93	26°00'21"	N82°30'33"E	19.35
C67	62.86	383.73	31.50	9°23'10"	S31°35'20"W	62.79
C68	27.93	383.73	13.97	4°10'11"	S38°22'00"W	27.92
C69	11.42	378.73	5.71	1°43'39"	S31°12'52"W	11.42
C70	60.45	383.73	30.29	9°01'32"	S82°01'47"W	60.39
C71	39.55	383.73	19.79	5°54'17"	S89°29'41"W	39.53
C72	4.87	380.73	2.44	0°43'59"	S35°54'56"W	4.87
C73	4.78	380.73	2.39	0°43'10"	S55°09'44"W	4.78
C74	4.87	380.73	2.44	0°43'59"	S70°57'24"W	4.87

Curve Table

Curve #	Length	Radius	Tangent	Delta	Chord Bearing	Chord Length
C56	23.01	383.73	11.51	3°26'11"	S36°03'26"W	23.01
C57	23.01	383.73	11.51	3°26'11"	S49°37'16"W	23.01
C58	42.47	383.73	21.26	6°20'27"	S44°43'57"W	42.45
C59	63.37	383.73	31.75	9°27'41"	S36°49'53"W	63.29
C60	63.37	383.73	31.75	9°27'41"	S26°22'50"W	49.79
C61	49.83	383.73	24.95	7°26'25"	S23°12'52"W	11.42
C62	49.52	383.73	24.80	7°23'39"	S20°57'48"W	49.49
C63	1.06	300.43	0.53	0°12'11"	S19°23'00"W	1.06
C64	13.46	40.00	6.80	19°17'08"	S24°50'43"E	13.40
C65	18.16	40.00	9.24	26°00'21"	N82°30'33"E	18.00
C66	19.52	43.00	9.93	26°00'21"	N82°30'33"E	19.35
C67	62.86	383.73	31.50	9°23'10"	S31°35'20"W	62.79
C68	27.93	383.73	13.97	4°10'11"	S38°22'00"W	27.92
C69	11.42	378.73	5.71	1°43'39"	S31°12'52"W	11.42
C70	60.45	383.73	30.29	9°01'32"	S82°01'47"W	60.39
C71	39.55	383.73	19.79	5°54'17"	S89°29'41"W	39.53
C72	4.87	380.73	2.44	0°43'59"	S35°54'56"W	4.87
C73	4.78	380.73	2.39	0°43'10"	S55°09'44"W	4.78
C74	4.87	380.73	2.44	0°43'59"	S70°57'24"W	4.87

Lot Area Table

LOT#	Area
1	0.0725 Ac.
2	0.0502 Ac.
3	0.0459 Ac.
4	0.0661 Ac.
5	0.0920 Ac.
6	0.0440 Ac.
7	0.0684 Ac.
8	0.0676 Ac.
9	0.0440 Ac.
10	0.0440 Ac.
11	0.0676 Ac.
12	0.0684 Ac.
13	0.0440 Ac.
14	0.0690 Ac.

Lot Area Table

LOT#	Area
15	0.0731 Ac.
16	0.0471 Ac.
17	0.0485 Ac.
18	0.0654Ac.
64	0.0653 Ac.
65	0.0465 Ac.
66	0.0465 Ac.
67	0.0784 Ac.
68	0.0757 Ac.
69	0.0457 Ac.
70	0.0708 Ac.
71	0.0704 Ac.
72	0.0602 Ac.

Tract Area Table

Name	Area
Tract B	4.2470 Ac.
Tract C	0.3586 Ac.
Tract D	0.0547 Ac.
ROW	0.6388 Ac.

Line Table

LINE	BEARING	DISTANCE
L2	S70°43'06"E	18.00'
L3	N18°25'02"E	6.20'
L4	N67°20'02"E	9.94'
L5	N86°53'56"E	7.07'
L6	N1°00'20"W	5.90'
L7	N5°30'43"E	3.00'
L8	N20°29'38"W	3.00'
L9	S86°05'42"E	14.99'
L10	N17°24'18"E	10.66'
L11	N77°02'49"E	2.21'
L12	N18°24'11"E	12.57'
L13	N86°33'43"E	10.52'
L14	S3°59'43"W	7.56'
L15	S86°00'17"E	45.23'
L16	S24°39'11"E	12.15'
L17	S3°59'43"W	10.34'
L18	S3°59'43"W	8.52'

PLAT FOR
SAWMILL CROSSING UNIT 1
WITHIN
THE TOWN OF ALBUQUERQUE GRANT
PROJECTED SECTION 7
TOWNSHIP 10 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2013

DOC# 2014019749

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

A11047 REVISED FP COVER UNIT1.dwg			
Scale: AS SHOWN	Drawn: DER	Checked: ALS	
	Date: 2/18/2014	Job: A11047	Sheet 4 of 5

PUBLIC UTILITY EASEMENTS (PUE)
Shown on this plat are granted for the common and joint use of:

Public Service Company of New Mexico ("PNM"), a New Mexico corporation, (PNM Electric) for installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical services.

New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas services.

CenturyLink QC for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication services.

XFINITY for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable services.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, replace, modify, renew, operate and maintain facilities for purposes described above, together with free access to, from, and over said easements, with the right and privilege of going upon, over and across adjoining lands of Grantor for the purposes set forth herein and with the right to utilize the right of way and easement to extend services to customers of Grantee, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code by construction of pools, decking, or any structures adjacent to or near easements shown on this plat.

Easements for electric transformer/switchgears, as installed, shall extend ten (10) feet in front of transformer/switchgear doors and five (5) feet on each side.

Disclaimer
In approving this plat, Public Service Company of New Mexico (PNM) and New Mexico Gas Company (NMGC) did not conduct a Title Search of the properties shown hereon. Consequently, PNM and NMGC do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

EASEMENT KEYED NOTES:

1. 75' RESERVED FOR PUBLIC UTILITIES BY VACATION ORDINANCE NO. 2425 (03-16-1965, BK. MISC 50, PG. 848-854) **(HATCHED PORTION VACATED WITH 13DRB-70518)**
2. 20' SANITARY SEWER EASEMENT BY VACATION ORDINANCE NO. 2425 (03-16-1965, BK. MISC 50, PG. 848-854)
3. 10' PNM EASEMENT (06-25-1968, BK. MISC 107, PG. 297-30) 10' PNM EASEMENT BY JUDGEMENT (06-25-1968, BK. MISC 107, PG. 301-304) **(HATCHED PORTION VACATED WITH 13DRB-70518)**
4. 5' PNM EASEMENT (03-18-1950, BK. D135, PG. 547-549)
5. 30' COA PERMANENT UTILITY EASEMENT BY JUDGEMENT (04-09-1968, BK. MISC 99, PG. 776-780)
6. 17' RAILROAD EASEMENT (10-24-2003, BK. A67, PG. 4653) **(HATCHED PORTION VACATED WITH 13DRB-70518)**
7. 20' NON-EXCLUSIVE RAILWAY EASEMENT (01-24-1980, BK. D113A, PG. 278-280) **(HATCHED PORTION VACATED WITH 13DRB-70518)**
8. 20' COA PUBLIC WATERLINE EASEMENT CENTERED ON EXISTING WATERLINE. LOCATION IS APPROXIMATE (09-17-1990, 90C-222) **(HATCHED PORTION VACATED WITH 13DRB-70518)**
9. 10' QWEST EASEMENT (08-06-2003, BK. A61, PG. 8569)
10. 20' COA PUBLIC WATERLINE EASEMENT (08-23-2010, 2010C-103)
11. 20' COA PUBLIC ACCESS EASEMENT MAINTAINED BY OWNERS OF SAWMILL VILLAGE (08-23-2010, 2010C-103)
12. 17.4' X 35' COA PUBLIC WATERLINE EASEMENT (08-23-2010, 2010C-103)
13. 10' PNM EASEMENT (01-07-1953, BK. D228, PG. 93-96)
14. COA PUBLIC TEMPORARY TURN-AROUND EASEMENT (05-25-1990, 90C-135)
15. 10' PUE (05-17-1996, 96C-204)
16. 5' PNM ANCHOR EASEMENT (05-17-1996, 96C-204)
17. 7' UTILITY EASEMENT (04-04-1978, D8-102)
18. 20' COA PUBLIC EMERGENCY ACCESS EASEMENT (10-06-2005, 2005C-325)
19. 30' BN & SF RAILWAY COMPANY EASEMENT (04-11-2005, 2005C-106)
20. COA PUBLIC DRAINAGE EASEMENT (04-11-2005, 2005C-106)
21. 10' PNM ANCHOR EASEMENT (04-11-2005, 2005C-106)
22. 20' RAILROAD TRACK EASEMENT (12-02-2003, BK. A63, PG. 5318) **(TO BE VACATED BY THIS PLAT)**
23. EXISTING PUBLIC ROADWAY EASEMENT (01-25-2013, DOC. #201300)
24. NEW 5' PUBLIC UTILITY EASEMENT, ALONG THE BACK OF LOTS 5 & 6 AND ALONG THE BACK & SIDE OF LOT 7, GRANTED WITH THIS PLAT. (SEE EASEMENT DETAIL "B" ON SHEET 3).
25. EXISTING 20' PNM EASEMENT (04-18-2013, DOC #2013043075)
26. NEW 20 FOOT PUBLIC SANITARY SEWER EASEMENT GRANTED TO ABCWUA WITH THIS PLAT.
27. NEW 5x5 FOOT WIDE LANDSCAPE EASEMENT GRANTED TO LOT 1 AND TO BE MAINTAINED BY UNDERLYING PROPERTY OWNER BY THIS PLAT.
28. NEW 20 FOOT PUBLIC WATER LINE EASEMENT GRANTED TO ABCWUA WITH THIS PLAT.
29. NEW 20 FOOT PUBLIC SANITARY SEWER EASEMENT GRANTED TO ABCWUA WITH THIS PLAT.
30. NEW 3 FOOT PRIVATE DRAINAGE EASEMENT GRANTED TO AND FOR THE BENEFIT OF LOTS 68 & 69 AND TRACT C BY THIS PLAT AND TO BE MAINTAINED BY UNDERLYING PROPERTY OWNERS.
31. NEW 3' PRIVATE DRAINAGE EASEMENT GRANTED TO AND FOR THE BENEFIT OF LOTS 1-4 WITH THIS PLAT AND TO BE MAINTAINED BY UNDERLYING PROPERTY OWNERS. (SEE EASEMENT DETAIL ON SHEET 2.).
32. NEW 3' PRIVATE DRAINAGE EASEMENT GRANTED TO AND FOR THE BENEFIT OF LOTS 5-7 WITH THIS PLAT AND TO BE MAINTAINED BY UNDERLYING PROPERTY OWNERS. (SEE EASEMENT DETAIL "B" ON SHEEY 3.)
33. NEW 3' PRIVATE DRAINAGE EASEMENT GRANTED TO AND FOR THE BENEFIT OF LOTS 8-11 WITH THIS PLAT AND TO BE MAINTAINED BY UNDERLYING PROPERTY OWNERS.
34. NEW 3' PRIVATE DRAINAGE EASEMENT GRANTED TO AND FOR THE BENEFIT OF LOTS 12-14 WITH THIS PLAT AND TO BE MAINTAINED BY UNDERLYING PROPERTY OWNERS.
35. NEW 3' PRIVATE DRAINAGE EASEMENT GRANTED TO AND FOR THE BENEFIT OF LOTS 15-18 WITH THIS PLAT AND TO BE MAINTAINED BY UNDERLYING PROPERTY OWNERS. SEE EASEMENT DETAIL "C" ON SHEET 3.
36. NEW PUBLIC WATERLINE EASEMENT GRANTED TO ABCWUA WITH THIS PLAT. (WIDTH VARIES- SEE EASEMENT DETAIL "C" ON SHEET 3).
37. NEW 3' PUBLIC SIDEWALK EASEMENT GRANTED WITH THIS PLAT TO THE CITY OF ALBUQUERQUE. (SEE EASEMENT DETAIL "A" ON SHEET 3).

PLAT FOR
SAWMILL CROSSING UNIT 1
WITHIN
THE TOWN OF ALBUQUERQUE GRANT
PROJECTED SECTION 7
TOWNSHIP 10 NORTH, RANGE 3 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2013

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

DOC# 2014019749
03/11/2014 11:24 AM Page: 5 of 5
tyPLAT R:$25.00 B: 2014C P: 0015 M. Toulous Olivere, Bernalillo Cou

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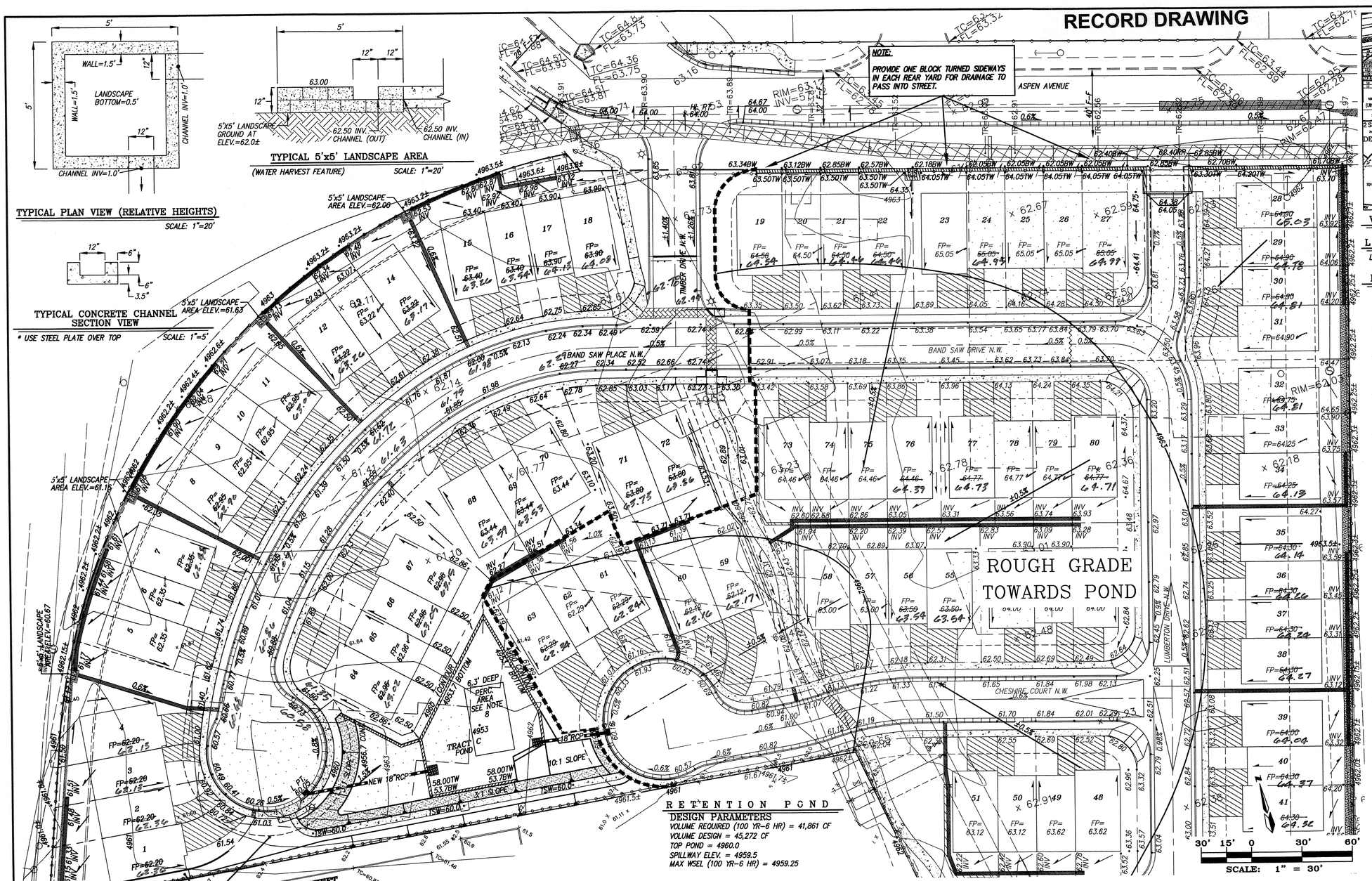
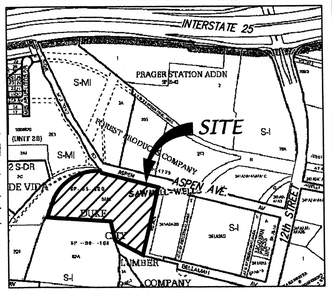
Scale: AS SHOWN	Date: 2/18/2014	Job: A11047	

RECORD DRAWING





VICINITY MAP H-13-Z

LEGAL DESCRIPTION

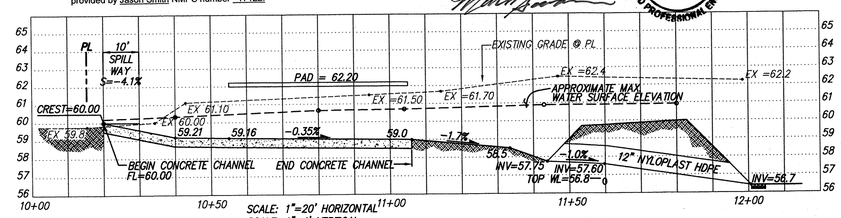
LOT B-1-A-2, DUKE CITY LUNBER COMPANY ADDITION

LEGEND

- EXIST. TOP CURB/FLOWLINE
- EXIST. CONCRETE/SIDEWALK
- EXIST. SPOT ELEVATION
- EXIST. FIRE HYDRANT
- EXIST. GUY WIRE
- EXIST. OVERHEAD ELECTRIC
- EXIST. POWER POLE
- EXIST. SANITARY SEWER MANHOLE
- EXIST. WATER VALVE
- EXIST. RAILROAD TRACKS
- EXIST. SIGN
- EXIST. DROP INLET
- EXIST. TELEPHONE PEDESTAL
- EXIST. WATER METER
- EXIST. STORM DRAIN MANHOLE
- NEW PROPERTY LINE
- NEW LOT LINES
- NEW RIGHT-OF-WAY
- NEW CENTER LINE
- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW SPOT ELEVATION
- NEW SWALE
- NEW FINISHED PAD ELEVATION
- NEW RUNOFF DIRECTION
- NEW WATER BLOCK
- NEW RETAINING WALL
- NEW GARDEN WALL
- NEW SIDEWALK GRATE
- NEW STORM DRAIN INLET
- NEW SLOPE
- NEW STORM DRAIN LINE
- NEW CONTOUR
- NEW TOWNHOME ROOF RUNOFF TO FRONT YARD
- NEW 6' CRUSHER FINE TRAIL
- NEW 1' WIDE DRAINAGE CHANNEL
- NEW EXIST. RAILROAD TRACK NO CONSTRUCTION ZONE
- NEW LANDSCAPE AREA
- NEW OPENING IN WALL TO ALLOW RUNOFF TO PASS
- NEW SIDEWALK
- NEW DRIVE PADS
- NEW PHASE LINE
- NEW OFFSITE PAVEMENT

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted below on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by Jason Smith NMPS number 17122.

D. MARK GOODWIN NEW MEXICO 8948 LICENSED PROFESSIONAL ENGINEER 11/31/14



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AS BUILT INFORMATION
CONTRACTOR Frontline
WORK STAKED BY Davis Smith DATE 6/13
INSPECTOR'S ACCEPTANCE BY Nland DATE 1/14
FIELD VERIFICATION BY Davis Smith DATE 1/14
DRAWINGS CORRECTED BY Nland DATE 1/14

BENCH MARKS
AGS Brass Cap stamped "5-J13A" From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
JOHN D. McCARTY NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER
11-08-13

NO.	DATE	REMARKS	BY
1	11/22/13	Revised GD Replaces sheet 3	

REVISIONS

		DATE
DESIGNED BY	DLH	03/12
DRAWN BY	ACH	03/12
CHECKED BY	DMG	03/12

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

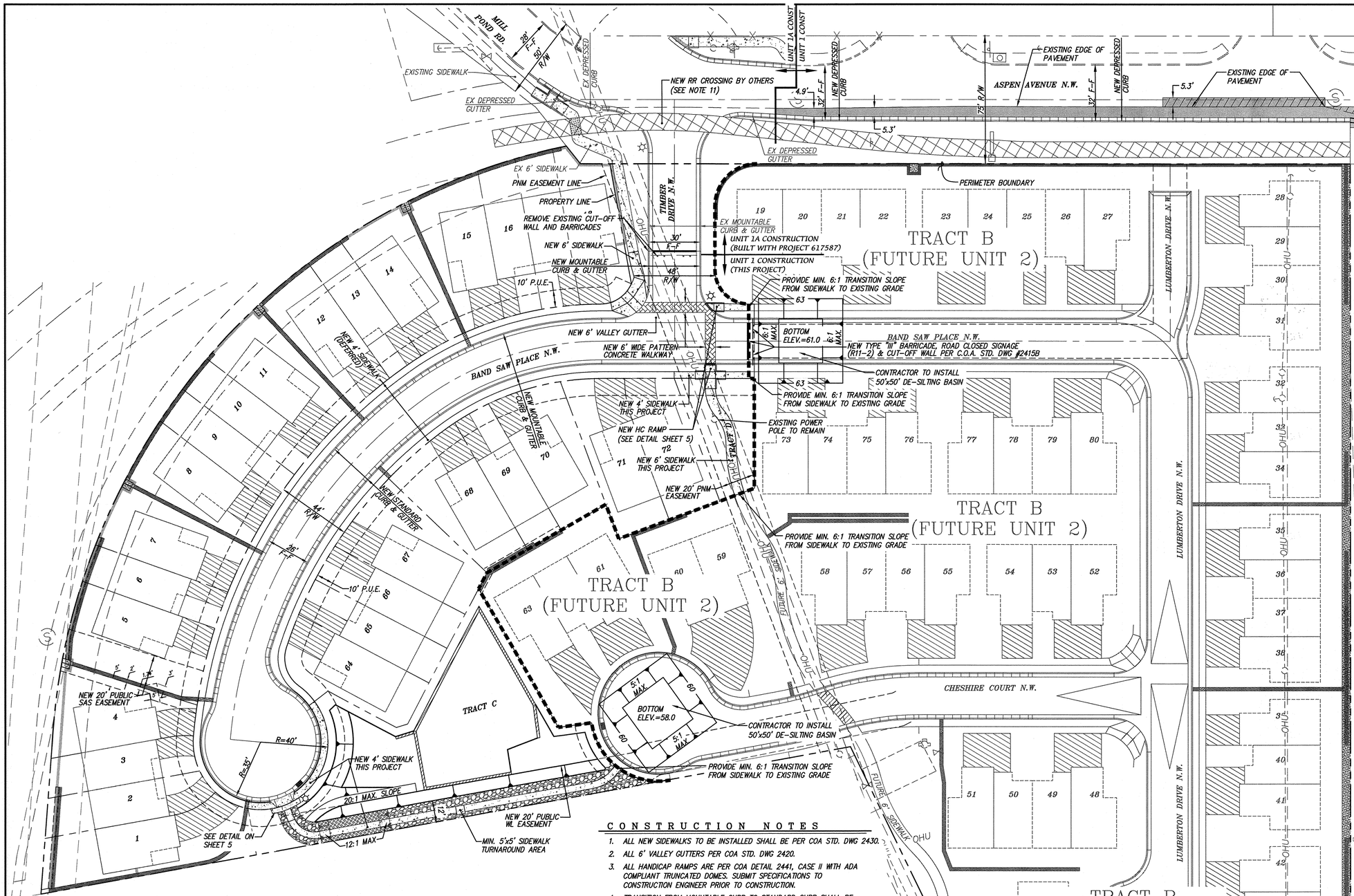
TITLE: SAWMILL CROSSING - UNIT 1
GRADING & DRAINAGE PLAN

DESIGN REVIEW COMMITTEE: Not For Construction
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 617586 | ZONE MAP NO. H-13-Z | SHEET 3R OF 11

For Information Only

RECORD DRAWING



LEGEND

- EXIST. FIRE HYDRANT
- EXIST. GUY WIRE
- EXIST. OVERHEAD ELECTRIC
- EXIST. POWER POLE
- EXIST. RAILROAD TRACKS
- EXIST. SIGN
- EXIST. TELEPHONE PEDESTAL
- PERIMETER BOUNDARY
- NEW LOT LINES
- NEW RIGHT-OF-WAY
- NEW CENTER LINE
- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW EASEMENT
- NEW RETAINING WALL
- NEW GARDEN WALL BY OTHERS (FOR INFORMATION ONLY)
- EXIST. RAILROAD TRACK NO CONSTRUCTION ZONE UNDER THIS CONTRACT
- LANDSCAPE AREA (BY OTHERS)
- NEW SIDEWALK THIS PROJECT
- NEW 12" SIDEWALK CULVERT (SEE NOTE 12)
- NEW 12" DRAINAGE CHANNEL (BY OTHERS)
- NEW DRIVE PADS (BY OTHERS)
- PHASE LINE
- FUTURE PROPERTY LINE
- FUTURE LOT LINES
- FUTURE RIGHT-OF-WAY
- FUTURE CENTER LINE
- FUTURE MOUNTABLE CURB & GUTTER
- FUTURE STANDARD CURB & GUTTER
- FUTURE EASEMENT
- FUTURE RETAINING WALL
- FUTURE GARDEN WALL
- FUTURE SIDEWALK GRATE
- FUTURE DRIVE PADS
- FUTURE 12" DRAINAGE CHANNEL
- EXISTING CURB & GUTTER
- NEW OFFSITE PAVEMENT
- REMOVE EXISTING AC PAVEMENT
- NEW PATTERNED CONCRETE (SEE NOTE 6)
- NEW STREET LIGHT (3)
- GRASS BLOCK PAVERS (BY OTHERS)
- NEW CRUSHER FINE GRAVEL (4" DEEP COMPACTED TO 95% OF OPTIMUM)

CONSTRUCTION NOTES

1. ALL NEW SIDEWALKS TO BE INSTALLED SHALL BE PER COA STD. DWG 2430.
2. ALL 6' VALLEY GUTTERS PER COA STD. DWG 2420.
3. ALL HANDICAP RAMPS ARE PER COA DETAIL 2441, CASE II WITH ADA COMPLIANT TRUNCATED DOMES. SUBMIT SPECIFICATIONS TO CONSTRUCTION ENGINEER PRIOR TO CONSTRUCTION.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 3 FEET.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50 FEET PER C.O.A. STD DETAIL 2401.
6. PATTERNED CONCRETE SHALL BE 6" THICK AND PER C.O.A. STANDARD. CONCRETE SCORING SHALL NOT BE DEEPER THAN 1/2" AND NOT WIDER THAN 1/4".
7. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB AT INTERSECTIONS SHALL OCCUR THROUGH THE HC RAMP PER COA STD. DWG 2418.
8. SOIL NOT HAVING THE MINIMUM R-VALUE > 50 FOR STREETS SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED, BY THE CONTRACTOR, WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.
9. ALL MOUNTABLE CURB & GUTTER PER COA STD. DWG 2415A.
10. ALL STANDARD CURB & GUTTER PER COA STD. DWG 2415A
11. ALL WORK WITHIN CROSS-HATCHED RAILROAD TRACK AREA SHALL BE PERFORMED ONLY BY A N.M.D.O.T. - APPROVED CONTRACTOR BY SEPARATE CONTRACT IN ACCORDANCE WITH A RAILROAD CROSSING DESIGN APPROVED BY THE N.M.D.O.T. CROSSING WORK SHALL BE PERFORMED FIRST AND THE CITY WORK-ORDER IMPROVEMENTS SHOWN HEREON SHALL MATCH UP TO THE LINES AND GRADES PROVIDED BY THE N.M.D.O.T. CONTRACTOR.

CONSTRUCTION NOTES CONT.

12. ALL NEW SIDEWALK CULVERTS ARE 12" WIDE AND TO BE INSTALLED ACCORDING TO C.O.A. STANDARD DWG #2236. TACK WELD THE BOLTS AT THE PLATE. SEE DETAIL THIS SHEET FOR CULVERTS ON MOUNTABLE CURB.
13. SIDEWALKS FRONTING LOTS 1-4 SHALL BE 6" THICK.

F:\A11JOBS\A11047 Sawmill Crossing\PLANS\PAVING\UNIT-1\A11047-M-PAVING-UNIT-1.dwg, Last saved by: Dwayne, 2/15/13

I, John MacKenzie, NMPE 11619, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

John MacKenzie 02-18-13

JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER

John MacKenzie 02-18-13

AS BUILT INFORMATION

CONTRACTOR Franklin's Earthwork DATE 5-13
WORK STAKED BY Doug Smith DATE 5-13
INSPECTOR'S ACCEPTANCE BY MGA DATE 06-13
VERIFICATION BY Doug Smith DATE 06-13
DRAWINGS CORRECTED BY MGA DATE 09-13
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS Brass Cap stamped "5-J13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.
Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515633.327
Elevation=4960.499 (NGVD88, in feet)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	DLH	03/12
DRAWN BY	ACH	03/12
CHECKED BY	DMG	03/12

30' 15' 0 30' 60'
SCALE: 1" = 30'

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

SAWMILL CROSSING - UNIT 1
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE: APPROVED MAR 27 2013 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED APR 17 2013 CITY ENGINEER

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
617586	H-13-Z	4	11

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F:\A11JOBS\A11047 Sawmill Crossing\PLANS\PAVING\UNIT-1\A11047-M-PAVING-UNIT-1.dwg, 2/15/2013 2:29:45 PM, DFP

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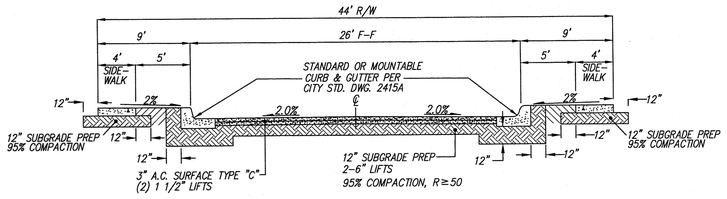
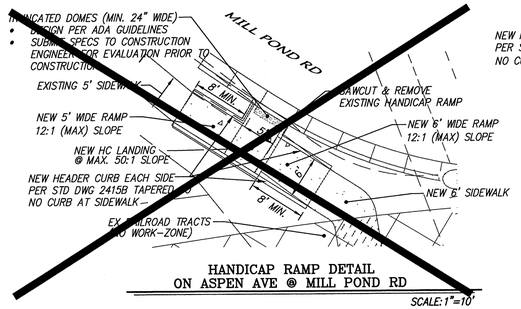
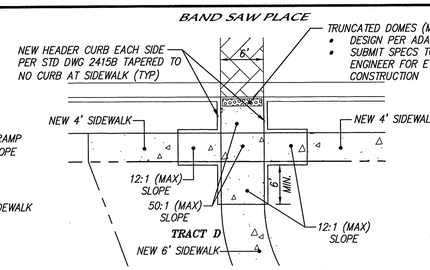


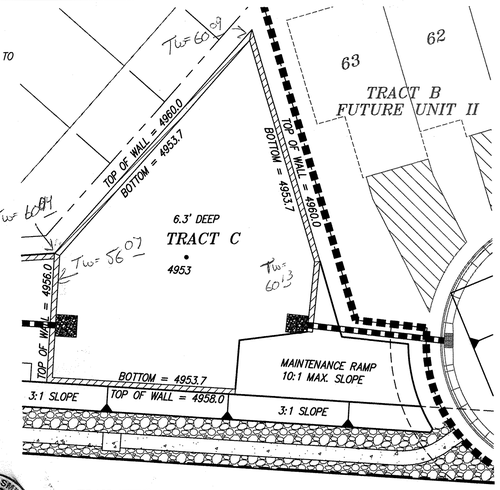
TYPICAL 44' F-F BAND SAW PLACE STREET SECTION
(STD. DWG #2405A) NTS



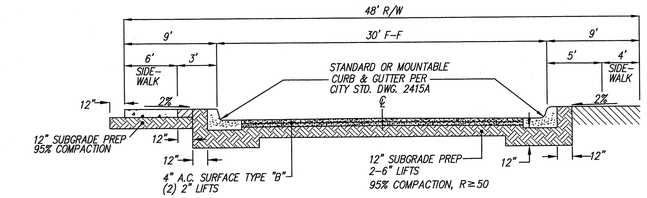
HANDICAP RAMP DETAIL
ON ASPEN AVE @ MILL POND RD
SCALE:1"=10'



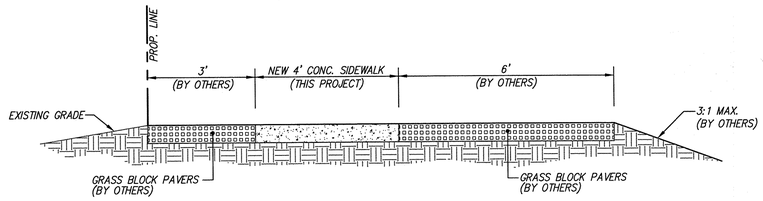
HANDICAP RAMP DETAIL
ON BAND SAW PL @ TIMBER DR
SCALE:1"=10'



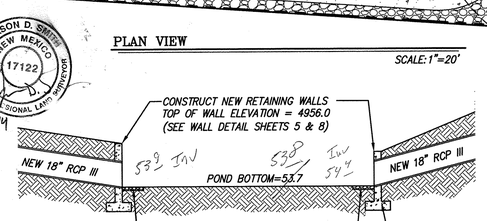
PLAN VIEW
SCALE:1"=20'



TYPICAL 30' F-F TIMBER DRIVE STREET SECTION (LOOKING NORTH)
(STD. DWG #2405B) NTS



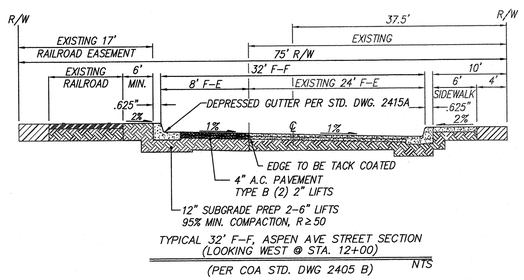
SPILLWAY CROSS SECTION
SCALE: 1"=2'



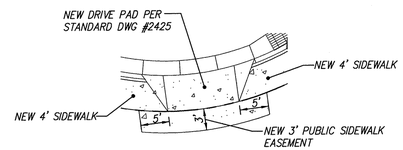
POND STORM DRAIN DETAIL
SCALE:1"=20'

JASON D. SMITH NEW MEXICO 17122 LICENSED PROFESSIONAL LAND SURVEYOR
1/24/14

I, JASON D. SMITH , NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TYPICAL 32' F-F, ASPEN AVE STREET SECTION
(LOOKING WEST @ STA. 12+00) NTS
(PER COA STD. DWG 2405 B)

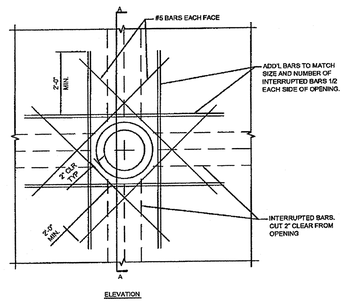


CULL-DE-SAC DRIVEWAY DETAIL
SCALE:1"=10'

I, John MacKenzie , NMPE 11619 , of the firm Mark Goodwin & Associates, PA , a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

John MacKenzie 07.18.13

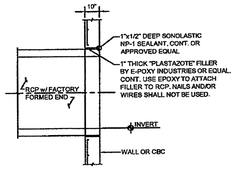
JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER



TYPICAL PIPE PENETRATION
INTO WALL OR CBC, 0° SKEW

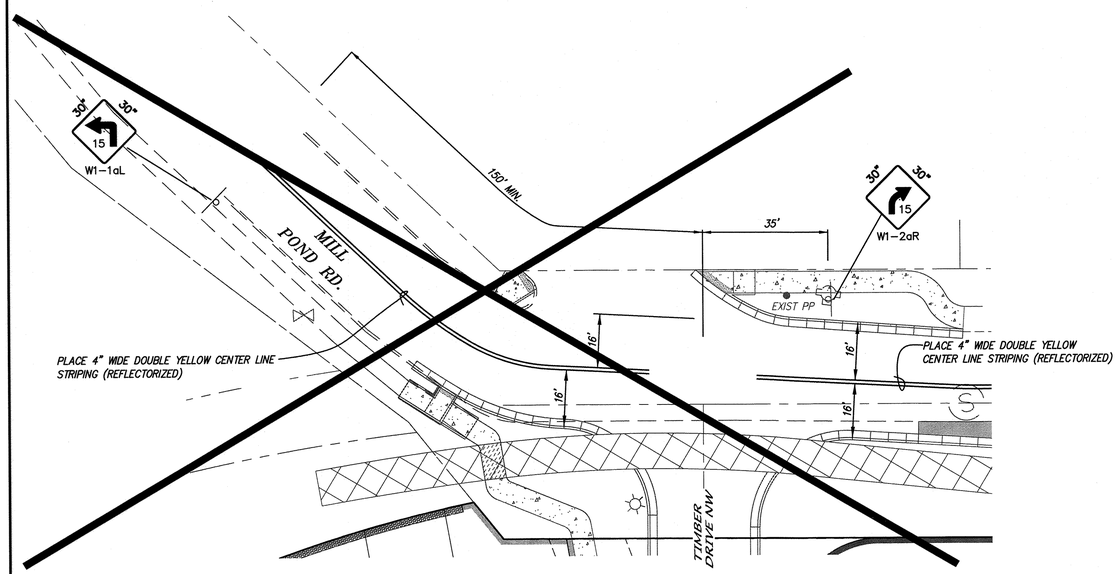
NOTE:
WHERE OBSTRUCTED BY ADJOINING WALL, SLAB, OR NEAR AN EDGE, CONTRACTOR SHALL AVOID CONFLICT BY PROVIDING A STANDARD HOOK.

PIPE PENETRATION DETAIL

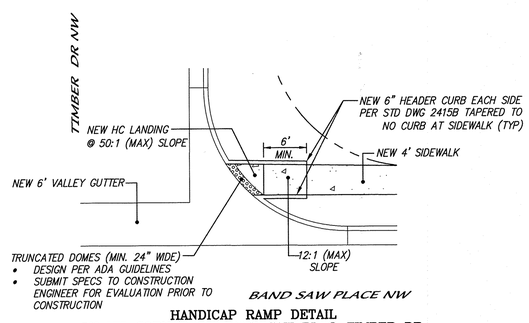


PIPE PENETRATION SECTION A-A

N.T.S.



ASPEN AVE NW SIGNAGE AND STRIPING DETAIL
SCALE:1"=20'



HANDICAP RAMP DETAIL
ON NW CORNER OF BAND SAW PL @ TIMBER DR
SCALE:1"=10'

F:\A11JOBS\A11047 Sawmill Crossing\PLANS\PAVING\UNIT-1\A11047-M-PAVING-UNIT-1.dwg, Last saved by: Dwayne, 2/15/13

AS BUILT INFORMATION

CONTRACTOR	Fonbis Excavating	DATE 5-13
WORK STAKED BY	Lonas Sanchez	
INSPECTOR'S ACCEPTANCE BY	Miguel	DATE 08-13
FIELD VERIFICATION BY	Dave Smith	DATE 08-13
DRAWINGS CORRECTED BY	Mary A	DATE 9-13

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS Brass Cap stamped "5-J13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515633.327
Elevation=4960.492 (NGVD88, in feet)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER
John MacKenzie 02-18-13

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		
DESIGNED BY	PLH	DATE 03/12
DRAWN BY	ACH	DATE 03/12
CHECKED BY	DMG	DATE 03/12

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:
SAWMILL CROSSING - UNIT 1
PAVING AND UTILITY DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 27 2013 DESIGN REVIEW COMMITTEE	APPROVED APR 17 2013 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
617586	H-13-Z	5	11

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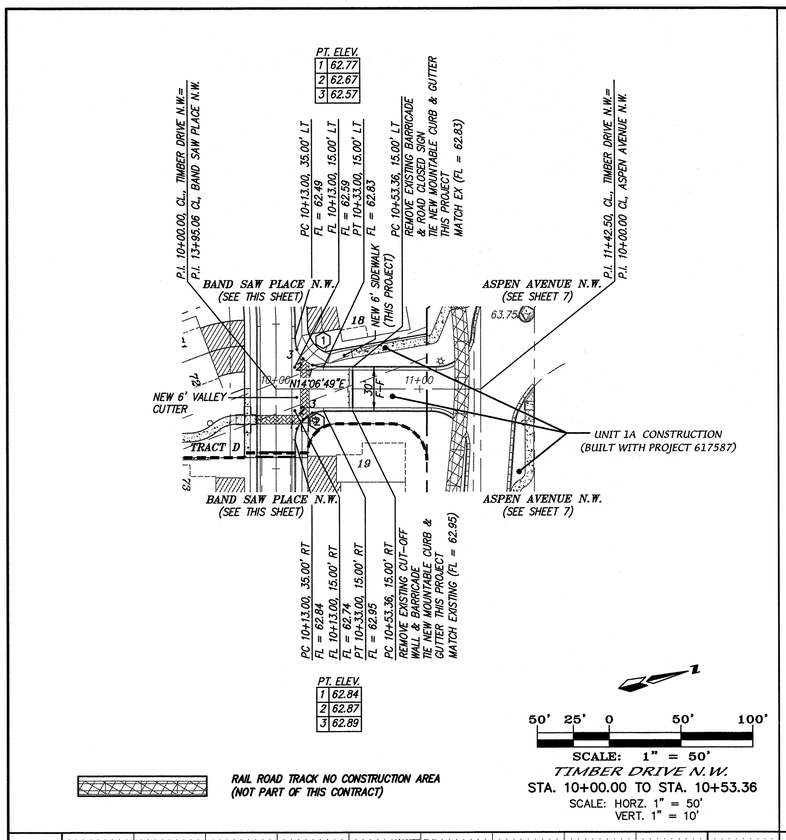
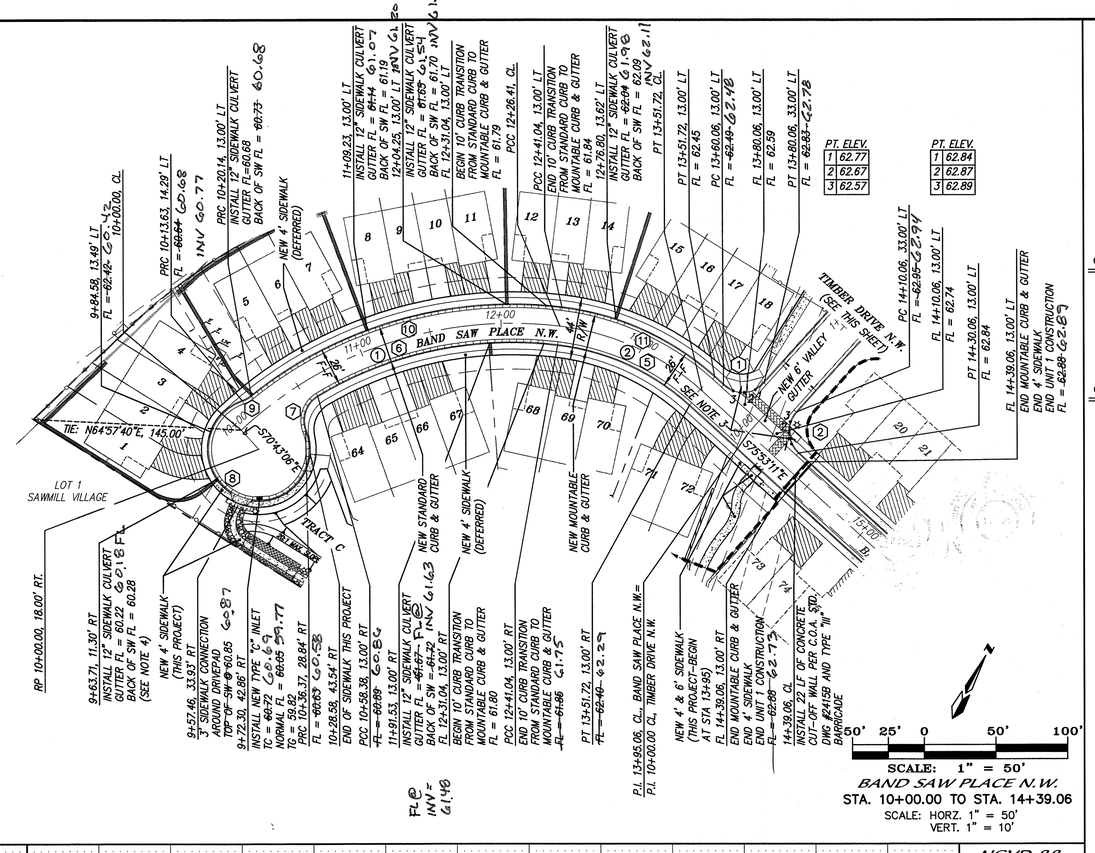
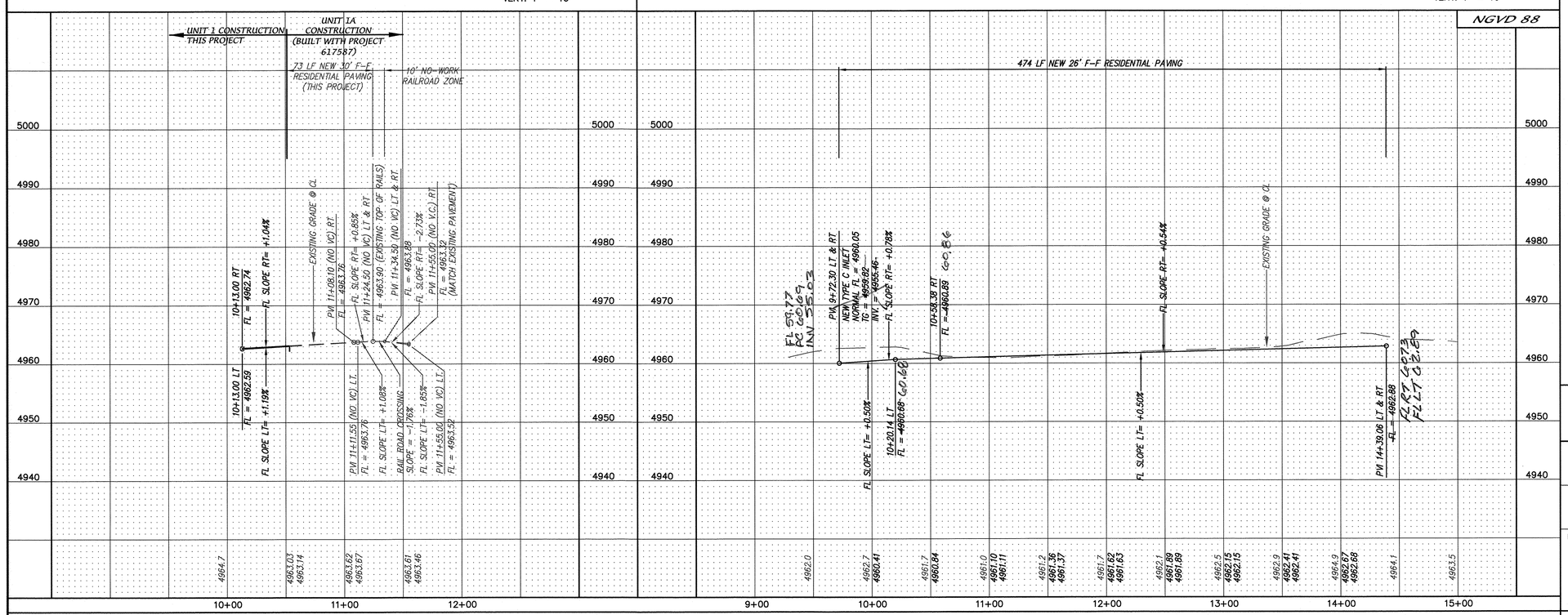
F:\A11JOBS\A11047 Sawmill Crossing\PLANS\PAVING\UNIT-1\A11047-M-PAVING-UNIT-1.dwg, 2/15/2013 2:23:42 PM, DGR

RECORD DRAWING







NOTES

1. ALL STATIONING IS BASED ON THE CENTERLINE OF PUBLIC ROADWAY.
2. STORM DRAIN INLETS SHALL BE INSTALLED PER C.O.A. STD. DWG #2205 AND GRATES PER C.O.A. STD DWG # 2220.
3. INSTALL (WHEELCHAIR) CURB ACCESS RAMPS PER C.O.A. STD. DWG #2441 (CASE II).
4. TRANSITION FROM STANDARD CURB & GUTTER TO MOUNTABLE CURB & GUTTER SHALL BE OVER A DISTANCE OF 3'.

CURVE DATA - DESCRIBES CENTERLINE

① Δ=49°36'05" L=241.04 R=278.43 Tan=128.66	② Δ=35°13'50" L=110.68 R=180.00 Tan=57.15

CURVE DATA - DESCRIBES FACE OF NEW CURB

① Δ=89°59'20" L=31.42 R=20.00 Tan=20.00	② Δ=90°00'04" L=31.42 R=20.00 Tan=20.00	③ Δ=87°25'11" L=38.14 R=25.00 Tan=23.90
④ Δ=93°30'39" L=40.80 R=25.00 Tan=26.58	⑤ Δ=35°13'50" L=102.69 R=167.00 Tan=53.02	⑥ Δ=37°35'14" L=174.13 R=265.43 Tan=90.33
⑦ Δ=80°16'10" L=28.02 R=20.00 Tan=16.86	⑧ Δ=272°24'23" L=166.40 R=35.00 Tan=-33.56	⑨ Δ=20°00'26" L=6.98 R=20.00 Tan=3.53
⑩ Δ=45°27'28" L=231.22 R=291.43 Tan=122.08	⑪ Δ=35°13'50" L=118.67 R=193.00 Tan=61.28	

I, JASON D. SMITH , NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

I, John MacKenzie , NMPE 11619 , of the firm Mark Goodwin & Associates, PA , a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

AS BUILT INFORMATION

CONTRACTOR	Zanbin Enterprises	
WORK STAKED BY	Gary Smith	DATE 05/13
AS-BUILT CHANGE BY	MGA	DATE 08/13
ACCEPTANCE BY	MGA	DATE 08/13
FIELD VERIFICATION BY	Gary Smith	DATE 08/13
DRAWINGS CORRECTED BY	MGA	DATE 09/13

BENCH MARKS

ACS Brass Cap stamped "5-J13A"	Geographic Position (NAD83, in feet)
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.	N.M. State Plane Coordinates (Central Zone)
	N=1491318.377, E=1515633.327
	Elevation=4960.499 (NGVD88, in feet)

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY	DATE

REVISIONS

		DATE
DESIGNED BY	DLH	07/12
DRAWN BY	DER	07/12
CHECKED BY	DMG	07/12

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SAWMILL CROSSING - UNIT 1
TIMBER DRIVE & BAND SAW PLACE
PAVING PLAN AND PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 27 2013 DESIGN REVIEW COMMITTEE	APPROVED APR 17 2013 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
617586	H-13-Z	6	11

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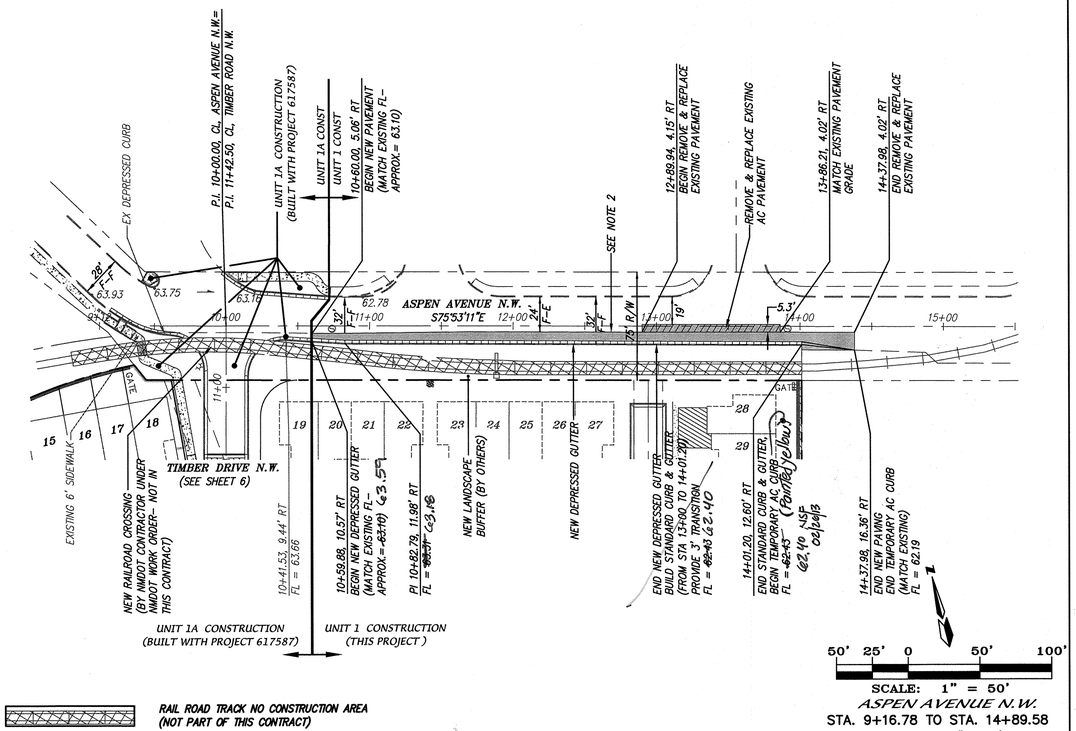
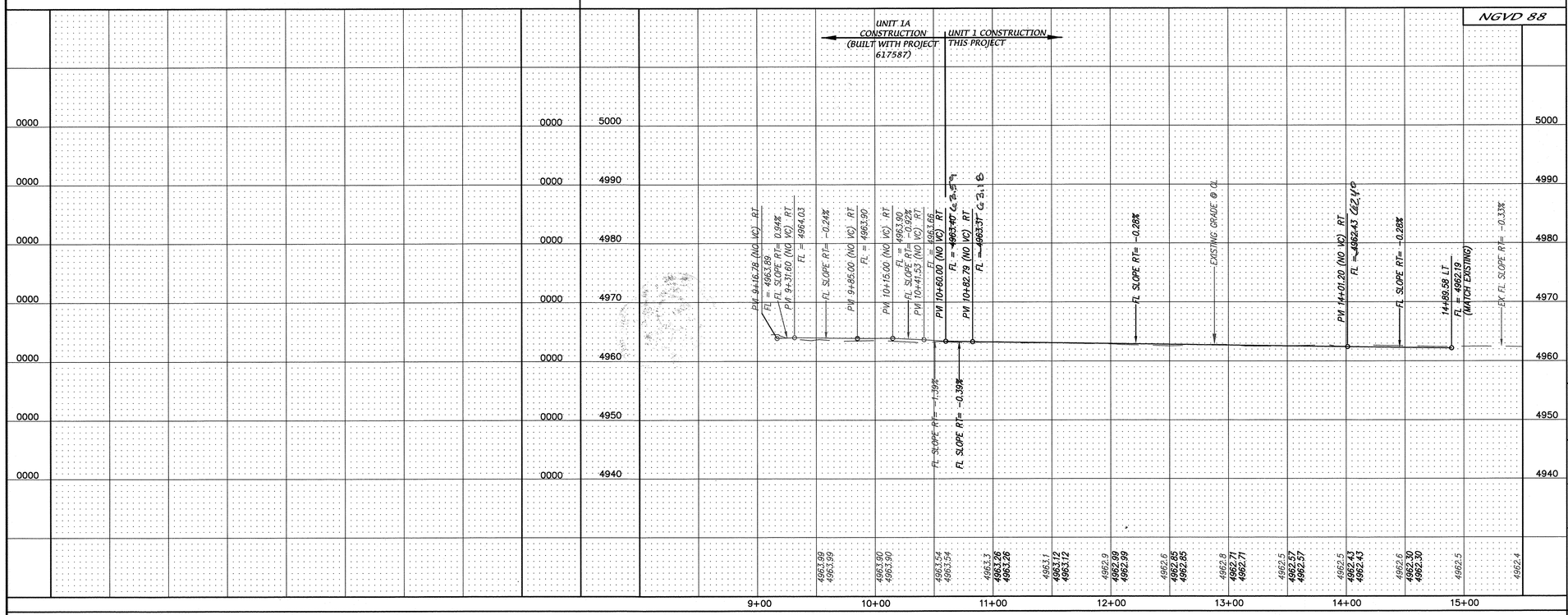
RECORD DRAWING





NOTES

1. ALL STATIONING IS BASED ON THE CENTERLINE OF PUBLIC ROADWAY.
2. AT LEAST 6" OF EXISTING PAVEMENT ON ASPEN SHALL BE SAWCUT OFF EXISTING PAVEMENT EDGE SO THAT A CLEAN SURFACE IS OBTAINED.
3. NEW PAVING ON ASPEN AVE SHALL BE SLOPED TO DRAIN NORTH TOWARDS EXISTING FLOWLINE ALONG NORTH SIDE OF ASPEN AVE NW, EXCEPT BETWEEN STA. 13+00 AND 14+01.
4. SEE SHEET 4 FOR STRIPING INFORMATION.

JASON NEW MEXICO 17122 PROFESSIONAL LAND SURVEYOR
1/29/14

I, JASON D. SMITH , NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

I, John MacKenzie , NMPE 11619, of the firm Mark Goodwin & Associates, PA , a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

John MacKenzie 09-18-13

JOHN H. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR	Franklin Earthworks		
WORK STAKED BY	Doug Smith	DATE	12-5-13
INSPECTOR'S ACCEPTANCE BY	MGA	DATE	12-9-13
FIELD VERIFICATION BY	Doug Smith	DATE	12-9-13
DRAWINGS CORRECTED BY	MGA	DATE	12-9-13

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ACS Brass Cap stamped "5-J13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515633.327
Elevation=4960.499 (NGVD88, in feet)

ENGINEER'S SEAL

JOHN H. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER
02-18-13

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	DLH	07/12
DRAWN BY	DER	07/12
CHECKED BY	DMG	07/12

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SAWMILL CROSSING - UNIT 1
ASPEN AVENUE N.W.
PAVING PLAN AND PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 27 2013 DESIGN REVIEW COMMITTEE	APPROVED APR 17 2013 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
617586	H-13-Z	7	11

F:\A11JOBS\A11047 Sawmill Crossing\PLANS\PAVING\UNIT-1\A11047-PP1-UNIT-1.dwg, Last saved by: Dwayne, 2/15/13

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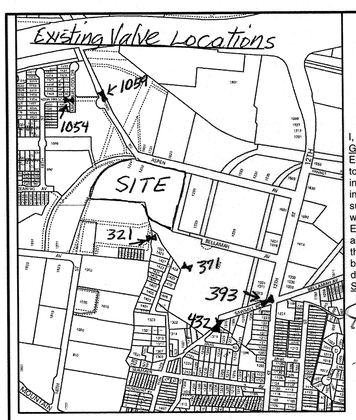
RECORD DRAWING



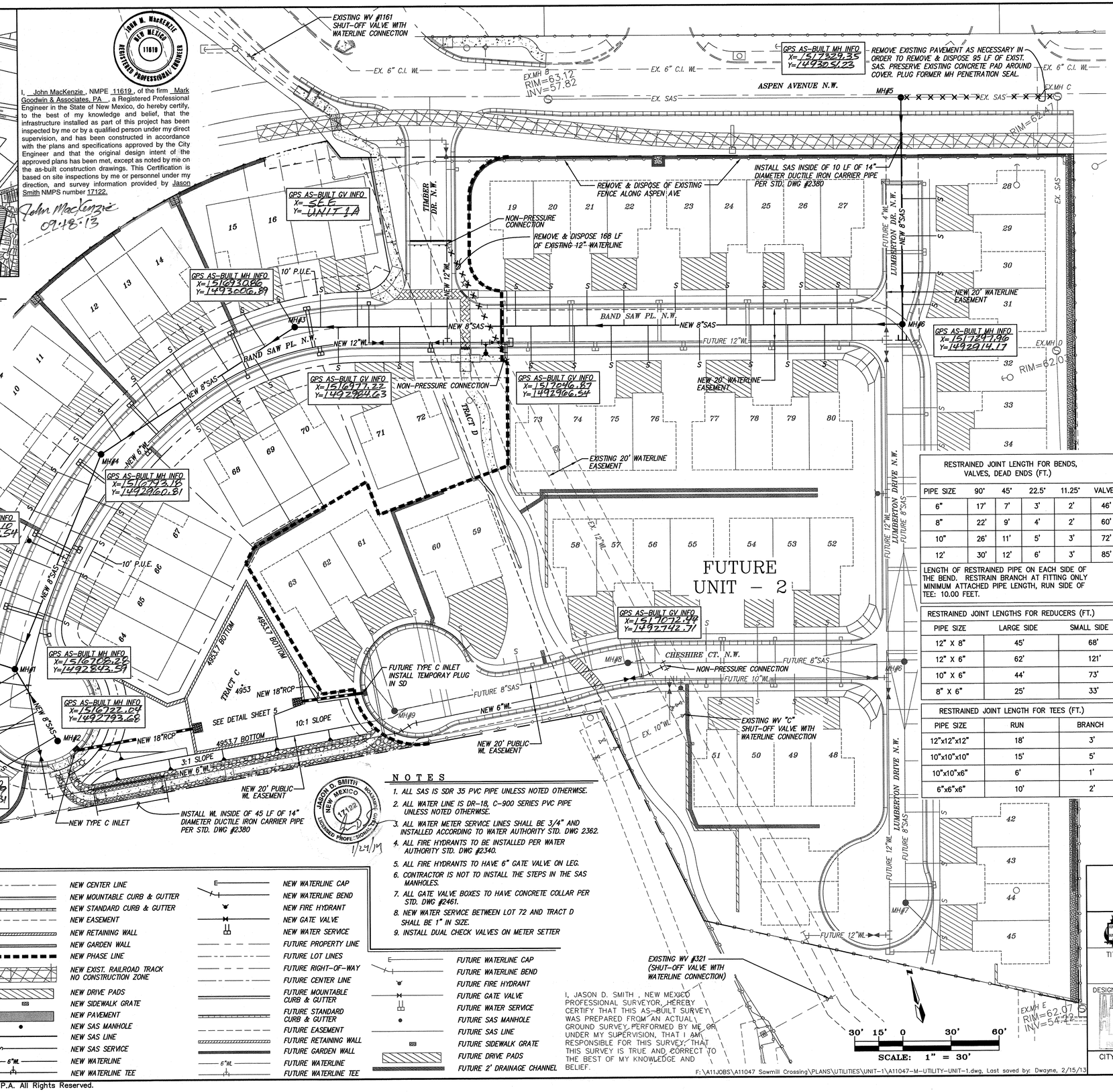
WATER VALVE SHUT-OFF PLAN

1. CONTRACTOR SHALL MAKE SHUT OFF REQUEST ONLINE AT http://abcwua.org/content/view/463/729/
2. VALVES SHALL ONLY BE OPERATED BY WATER AUTHORITY EMPLOYEES.
3. FOR NON-PRESSURE CONNECTIONS, SHUT OFF EXISTING VALVES #321, #371, #393 AND #432 SOUTH OF SITE. NORTH OF SITE SHUT OFF EXISTING VALVE #1161, OR #1054 AND #1059, IF NECESSARY.

JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER

I, John MacKenzie, NMPE 11619, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

John MacKenzie 02-18-13

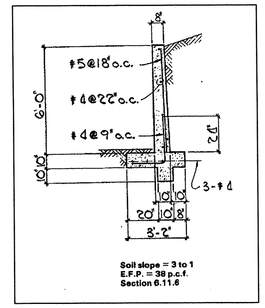


RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'
10"	26'	11'	5'	3'	72'
12'	30'	12'	6'	3'	85'

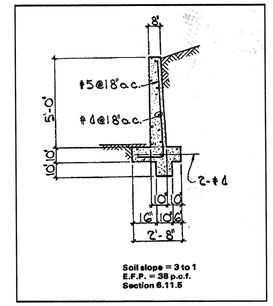
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)		
PIPE SIZE	LARGE SIDE	SMALL SIDE
12" X 8"	45'	68'
12" X 6"	62'	121'
10" X 6"	44'	73'
8" X 6"	25'	33'

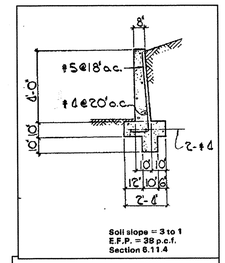
RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
12"x12"x12"	18'	3'
10"x10"x10"	15'	5'
10"x10"x6"	6'	1'
6"x6"x6"	10'	2'



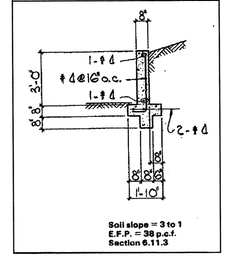
Soil slope = 3 to 1
E.F.P. = 38 p.c.f.
Section 6.11.6



Soil slope = 3 to 1
E.F.P. = 38 p.c.f.
Section 6.11.5



Soil slope = 3 to 1
E.F.P. = 38 p.c.f.
Section 6.11.4



Soil slope = 3 to 1
E.F.P. = 38 p.c.f.
Section 6.11.3

POND RETAINING WALL DETAILS

N.T.S.

LEGEND

EXIST. FIRE HYDRANT
EXIST. GUY WIRE
EXIST. OVERHEAD ELECTRIC
EXIST. POWER POLE
EXIST. SANITARY SEWER MANHOLE
EXIST. WATER VALVE
EXIST. RAILROAD TRACKS
EXIST. SIGN
EXIST. DROP INLET
EXIST. TELEPHONE PEDESTAL
EXIST. WATER METER
EXIST. STORM DRAIN MANHOLE
NEW 2' DRAINAGE CHANNEL (BY OTHERS)
NEW PROPERTY LINE
NEW LOT LINES
NEW RIGHT-OF-WAY
NEW CENTER LINE
NEW MOUNTABLE CURB & GUTTER
NEW STANDARD CURB & GUTTER
NEW EASEMENT
NEW RETAINING WALL
NEW GARDEN WALL
NEW PHASE LINE
NEW EXIST. RAILROAD TRACK NO CONSTRUCTION ZONE
NEW DRIVE PADS
NEW SIDEWALK GRATE
NEW PAVEMENT
NEW SAS MANHOLE
NEW SAS LINE
NEW SAS SERVICE
NEW WATERLINE
NEW WATERLINE TEE
NEW WATERLINE CAP
NEW WATERLINE BEND
NEW FIRE HYDRANT
NEW GATE VALVE
NEW WATER SERVICE
FUTURE PROPERTY LINE
FUTURE LOT LINES
FUTURE RIGHT-OF-WAY
FUTURE CENTER LINE
FUTURE MOUNTABLE CURB & GUTTER
FUTURE STANDARD CURB & GUTTER
FUTURE EASEMENT
FUTURE RETAINING WALL
FUTURE GARDEN WALL
FUTURE WATERLINE
FUTURE WATERLINE TEE
FUTURE WATERLINE CAP
FUTURE WATERLINE BEND
FUTURE FIRE HYDRANT
FUTURE GATE VALVE
FUTURE WATER SERVICE
FUTURE SAS MANHOLE
FUTURE SAS LINE
FUTURE SIDEWALK GRATE
FUTURE DRIVE PADS
FUTURE 2' DRAINAGE CHANNEL

NOTES

1. ALL SAS IS SDR 35 PVC PIPE UNLESS NOTED OTHERWISE.
2. ALL WATER LINE IS DR-18, C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
3. ALL WATER METER SERVICE LINES SHALL BE 3/4" AND INSTALLED ACCORDING TO WATER AUTHORITY STD. DWG 2362.
4. ALL FIRE HYDRANTS TO BE INSTALLED PER WATER AUTHORITY STD. DWG #2340.
5. ALL FIRE HYDRANTS TO HAVE 6" GATE VALVE ON LEG.
6. CONTRACTOR IS NOT TO INSTALL THE STEPS IN THE SAS MANHOLES.
7. ALL GATE VALVE BOXES TO HAVE CONCRETE COLLAR PER STD. DWG #2461.
8. NEW WATER SERVICE BETWEEN LOT 72 AND TRACT D SHALL BE 1" IN SIZE.
9. INSTALL DUAL CHECK VALVES ON METER SETTER

JASON D. SMITH NEW MEXICO 17122 LICENSED PROFESSIONAL SURVEYOR 1/24/13

I, JASON D. SMITH, NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

F:\A11JOBS\A11047 Sawmill Crossing\PLANS\UTILITIES\UNIT-1\A11047-M-UTILITY-UNIT-1.dwg, Last saved by: Dwayne, 2/15/13

AS BUILT INFORMATION

CONTRACTOR	Frontiers Southwest	DATE 5/13
WORK INSPECTOR'S	Doug Smith	DATE 6/13
ACCEPTANCE BY	MGA	DATE 8/13
VERIFICATION BY	Doug Smith	DATE 8/13
DRAWINGS CORRECTED BY	MGA	DATE 9/13

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

ACS Brass Cap stamped "5-J13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515633.327
Elevation=4960.498 (NGVD88, in feet)

SURVEY INFORMATION

NO.	BY	DATE	FIELD NOTES

ENGINEER'S SEAL

JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER 02-18-13

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	03/12
DRAWN BY	ACH	03/12
CHECKED BY	DMG	03/12

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SAWMILL CROSSING - UNIT 1
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 27 2013 DESIGN REVIEW COMMITTEE	APPROVED APR 17 2013 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
617586	H-13-Z	8	11

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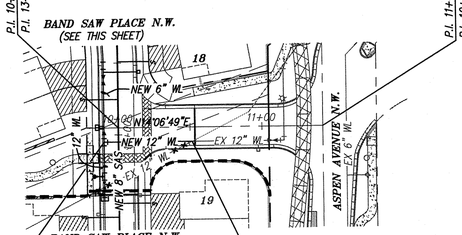
F:\A11JOBS\A11047 Sawmill Crossing\PLANS\UTILITIES\UNIT-1\A11047-M-UTILITY-UNIT-1.dwg, 2/15/2013 2:28:20 PM, DER

RECORD DRAWING

I, John MacKenzie, NMPE 11619, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

John MacKenzie 09.18.13

JOHN H. MACKENZIE — NEW MEXICO — 11619 — REGISTERED PROFESSIONAL ENGINEER



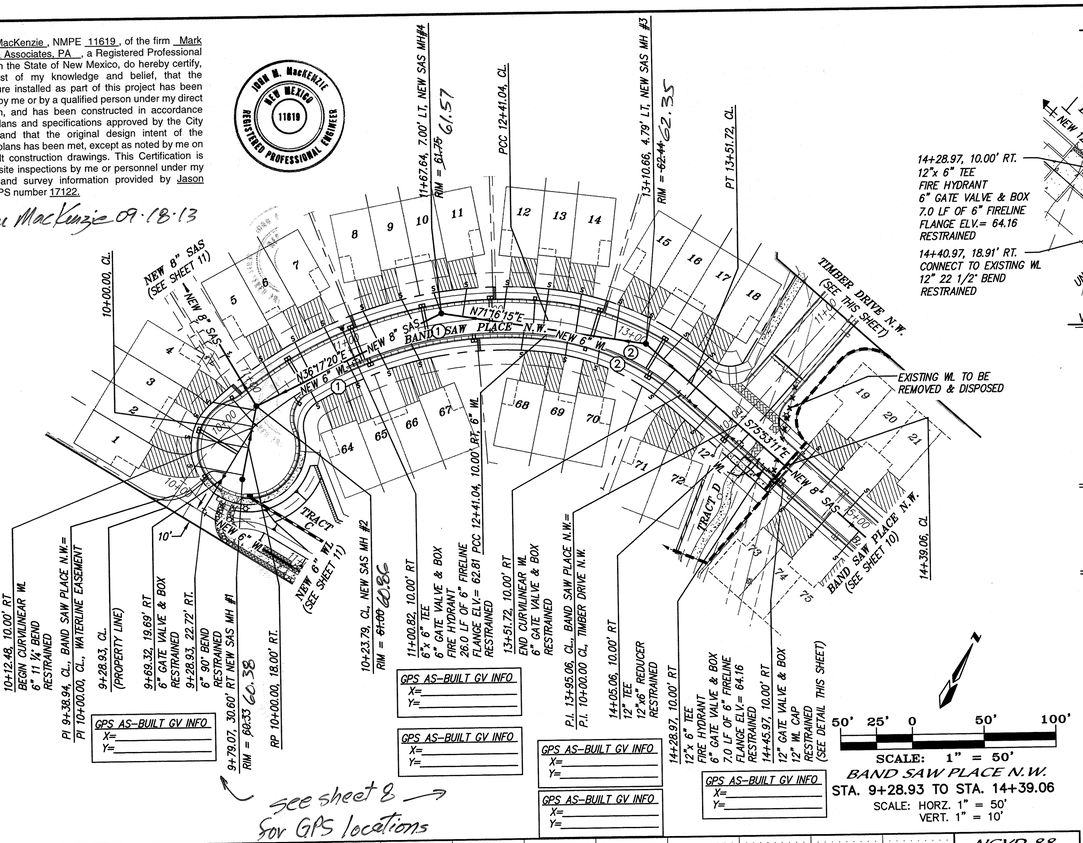
50' 25' 0 50' 100'

SCALE: 1" = 50'

TIMBER DRIVE N.W.

STA. 9+90.00 TO STA. 10+51.36

SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



50' 25' 0 50' 100'

SCALE: 1" = 50'

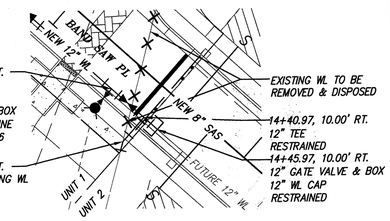
BAND SAW PLACE N.W.

STA. 9+28.93 TO STA. 14+39.06

SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS BASED ON THE CENTERLINE OF PUBLIC ROADWAY.



WATERLINE DETAIL

SCALE: 1"=20'

JASON D. SMITH — NEW MEXICO — 17122 — REGISTERED PROFESSIONAL SURVEYOR — 7/24/14

CURVE DATA - DESCRIBES CENTERLINE

① Δ=49°36'05" L=241.04 R=278.43 Tan=128.66

② Δ=35°13'50" L=110.68 R=180.00 Tan=57.15

CURVE DATA - DESCRIBES NEW WATERLINE

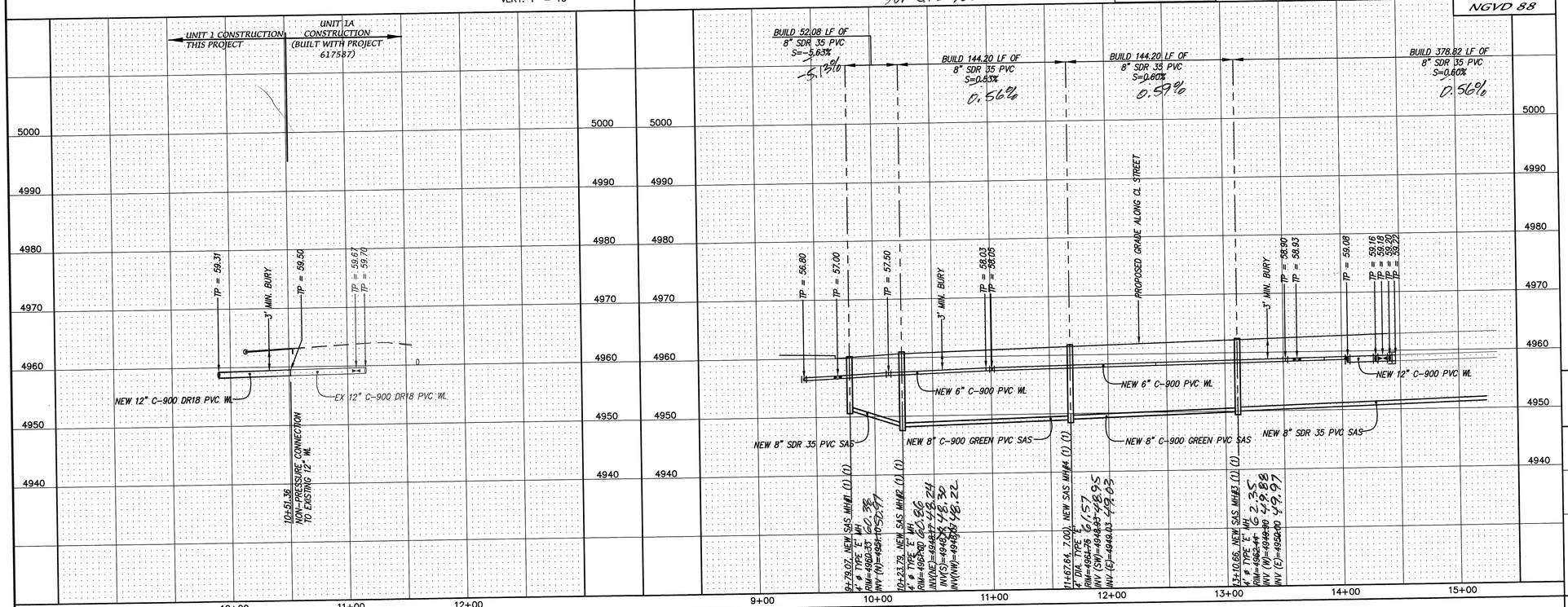
① Δ=50°54'13" L=238.48 R=268.43 Tan=127.76

② Δ=35°13'50" L=104.53 R=170.00 Tan=53.98

I, JASON D. SMITH, NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SANITARY SEWER SERVICES

LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	9+63.68	56.34	34.71'
2	9+77.50	55.31	40.00'
3	9+90.99	54.38	37.21'
4	10+09.56	53.59	27.40'
5	10+44.96	53.65	25.45'
6	10+69.25	53.79	27.85'
7	10+90.57	53.93	28.08'
8	11+17.67	54.09	25.82'
9	11+43.73	54.26	21.00'
10	11+65.05	54.39	15.25'
11	11+86.39	54.69	19.73'
12	12+12.56	54.98	25.09'
13	12+39.54	55.21	27.86'
14	12+60.10	55.35	27.70'
15	12+84.78	55.46	24.03'
16	13+08.30	55.26	18.05'
17	13+28.84	55.29	20.37'
18	13+49.38	55.42	21.98'
19	14+47.72	56.08	22.00'
20	14+69.26	56.21	22.00'
21	14+92.26	56.35	22.00'
64	10+61.05	53.68	16.59'
65	10+95.73	53.87	16.09'
66	11+20.71	54.00	18.20'
67	11+45.71	54.23	22.35'
68	12+23.27	54.78	17.23'
69	12+57.79	54.96	16.10'
70	12+84.02	55.12	18.95'
71	13+35.06	55.35	22.68'
72	13+75.33	55.60	22.00'
73	14+57.26	56.14	22.00'
74	14+84.26	56.30	22.00'
75	15+07.26	56.44	22.00'



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AS BUILT INFORMATION

CONTRACTOR Frontier Enterprises DATE 8/13
STAKED BY Chris Smith DATE 8/13
INSPECTOR'S ACCEPTANCE BY MCG DATE 8/13
FIELD VERIFICATION BY Chris Smith DATE 8/13
DRAWINGS CORRECTED BY MCG DATE 9/13

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS Brass Cap stamped "5-J13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515933.327
Elevation=4960.493 (NGVD88, in feet)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN H. MACKENZIE — NEW MEXICO — 11619 — REGISTERED PROFESSIONAL ENGINEER

John MacKenzie 02-18-13

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	DLH	07/12
DRAWN BY	DER	07/12
CHECKED BY	DMG	07/12

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SAWMILL CROSSING - UNIT 1
TIMBER DRIVE & BAND SAW PLACE N.W.
UTILITY PLAN AND PROFILE

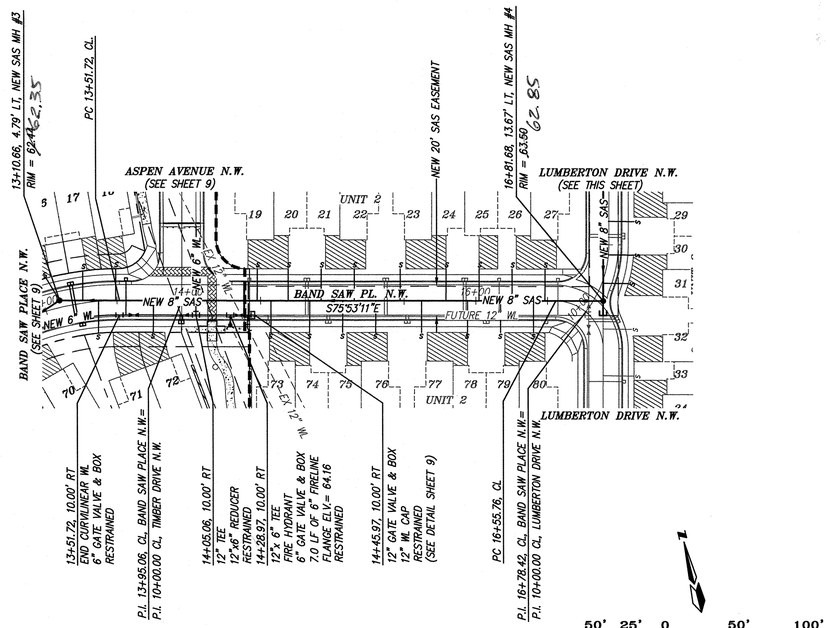
DESIGN REVIEW COMMITTEE — APPROVED — MAR 27 2013 — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL — APPROVED — APR 17 2013 — CITY ENGINEER

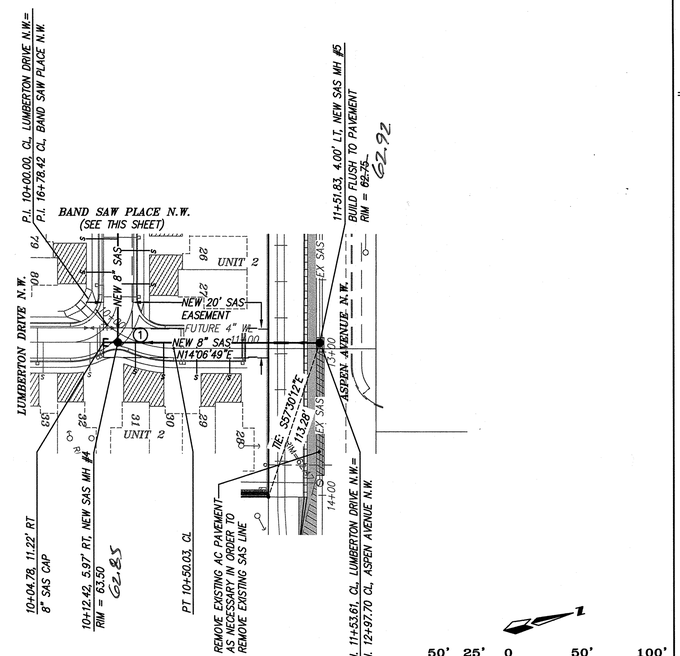
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. 617586 | ZONE MAP NO. H-13-Z | SHEET 9 OF 11

RECORD DRAWING



BAND SAW PLACE N.W.
STA. 13+10.66 TO STA. 16+81.68
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



LUMBERTON DRIVE N.W.
STA. 10+00.00 TO STA. 11+53.61
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS BASED ON THE CENTERLINE OF PUBLIC ROADWAY OR CENTERLINE OF PUBLIC EASEMENT.
2. INSTALL ALL WATER LINE CARRIER PIPE PER STD. DWG #2380.

CURVE DATA - DESCRIBES CENTERLINE

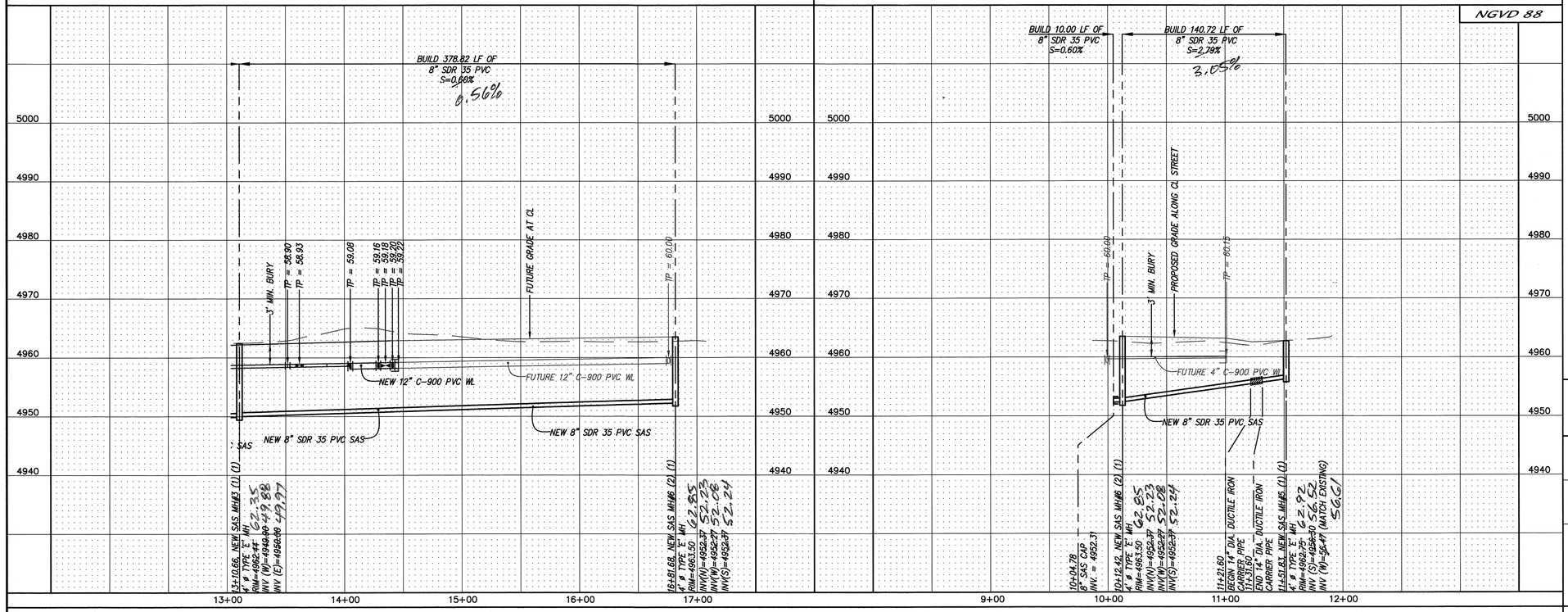
(1) Δ=38°11'50"
L=50.00
R=75.00
Tan=25.97

JASON D. SMITH NEW MEXICO 17122 LICENSED PROFESSIONAL SURVEYOR
1/24/14

SANITARY SEWER SERVICES

LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
19	14+47.72	56.08	22.00'
20	14+69.26	56.21	22.00'
21	14+92.26	56.35	22.00'
22	15+15.26	56.49	22.00'
23	15+47.26	56.68	22.00'
24	15+79.26	56.88	22.00'
25	16+02.26	57.02	22.00'
26	16+25.26	57.15	22.00'
27	16+48.26	57.29	22.00'
28	10+89.11	58.10	21.50'
29	10+66.11	57.96	21.50'
30	10+44.35	57.82	21.23'
31	10+28.12	57.62	17.38'
71	13+35.06	55.35	22.68'
72	13+75.33	55.60	22.00'
73	14+57.26	56.14	22.00'
74	14+84.26	56.30	22.00'
75	15+07.26	56.44	22.00'
76	15+30.26	56.58	22.00'
77	15+62.26	56.77	22.00
78	15+94.26	56.96	22.00'
79	16+17.26	57.10	22.00'
80	16+40.26	57.24	22.00'

I, JASON D. SMITH , NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



I, John MacKenzie , NMPE 11619 , of the firm Mark Goodwin & Associates, PA , a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

John MacKenzie 09-18-13

JOHN D. MacKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION

CONTRACTOR	Frontier Earthworks	
WORK STAKED BY	Dax Smith	DATE 05-13
INSPECTOR'S ACCEPTANCE BY	Mark	DATE 08-13
FIELD DRAWINGS BY	Doug Smith	DATE 08-13
CORRECTED BY	M Graf	DATE 09-13

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS Brass Cap stamped "5-J13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515633.327
Elevation=4960.499 (NGVD88, in feet)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN D. MacKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER
John MacKenzie 02-18-13

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY	DLH	DATE 07/12
DRAWN BY	DER	DATE 07/12
CHECKED BY	DMG	DATE 07/12

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SAWMILL CROSSING - UNIT 1
BAND SAW PLACE & LUMBERTON DRIVE N.W.
UTILITY PLAN AND PROFILE

DESIGN REVIEW COMMITTEE: APPROVED MAR 27 2013 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED APR 17 2013 CITY ENGINEER

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
617586	H-13-Z	10	11

F:\A11JOBS\A11047 Sawmill Crossing\PLANS\UTILITIES\UNIT-1\A11047-UP1-UNIT-1.dwg, Last saved by: Dwayne, 2/14/13

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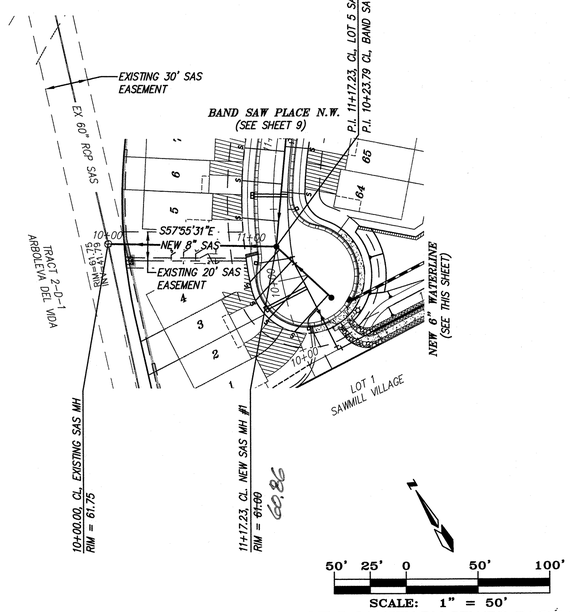
F:\A11JOBS\A11047 Sawmill Crossing\PLANS\UTILITIES\UNIT-1\A11047-UP1-UNIT-1.dwg, 2/15/2013 2:35:36 PM, DER

RECORD DRAWING

NOTES

1. STATIONING IS BASED ON THE CENTERLINE OF PUBLIC EASEMENT.



NEW LOT 5 SANITARY SEWER EASEMENT
STA. 10+00.00 TO STA. 11+17.23
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

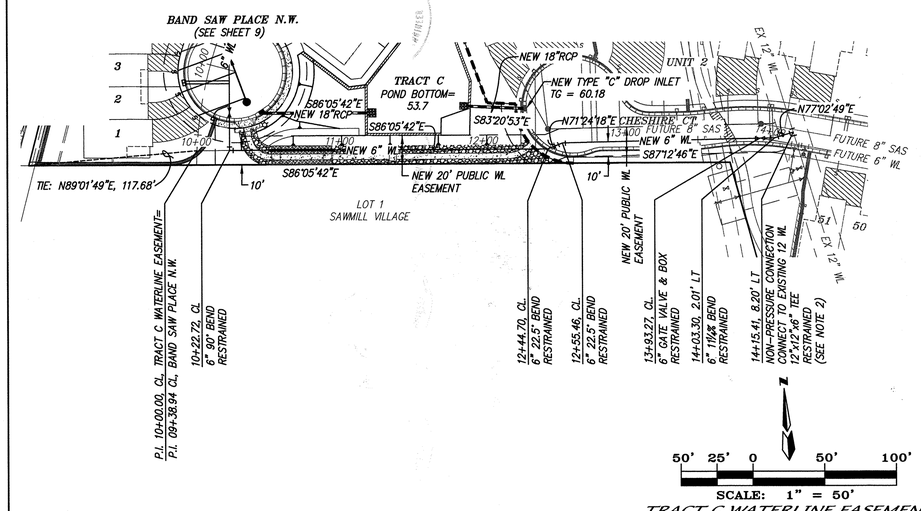
I, John MacKenzie, NMPE 11619, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Jason Smith NMPS number 17122.

John MacKenzie 09·18·13

JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER

NOTES

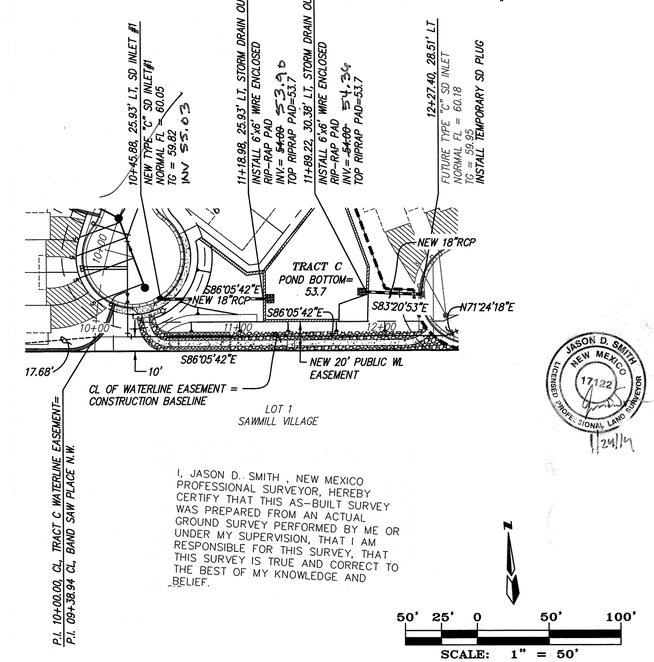
1. STATIONING IS BASED ON THE CENTERLINE OF NEW WATERLINE.
2. CONTRACTOR TO FIELD-ADJUST ELEVATION OF CONNECTION TO EXISTING 12" WATERLINE AND REPORT ANY MAJOR DISCREPANCIES TO ENGINEER.



TRACT C WATERLINE EASEMENT AND CHESHIRE COURT N.W.
STA. 10+00.00 TO STA. 14+15.41
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

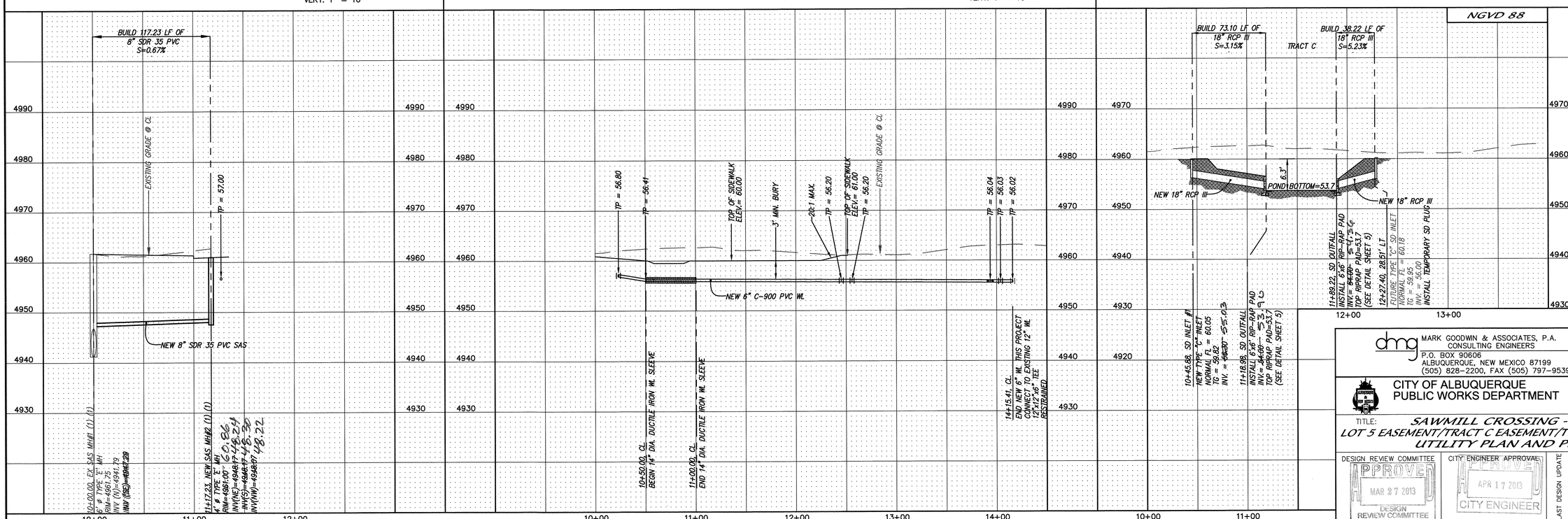
1. STATIONING IS BASED ON THE CENTERLINE OF NEW WATERLINE, WHICH IS 10' NORTH OF THE PROPERTY LINE.
2. TYPE "C" SD INLET IS PER C.O.A. STD. DWG #2205 AND GRATE IS PER C.O.A. STD. DWG # 2220.



JASON D. SMITH NEW MEXICO 17122 LICENSED PROFESSIONAL LAND SURVEYOR 1/24/14

I, JASON D. SMITH, NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TRACT C STORM DRAIN
STA. 10+00.00 TO STA. 12+27.40
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SAWMILL CROSSING - UNIT 1
LOT 5 EASEMENT/TRACT C EASEMENT/TRACT C STORM DRAIN
UTILITY PLAN AND PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 27 2013 DESIGN REVIEW COMMITTEE	APPROVED APR 17 2013 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
617586	H-13-Z	11	11

AS BUILT INFORMATION
CONTRACTOR Fowlkins Earthworks DATE 05-13
WORK STAKED BY Doug Smith DATE 06-12
INSPECTOR'S ACCEPTANCE BY MGH DATE 08-13
FIELD VERIFICATION BY Doug Smith DATE 08-13
DRAWINGS CORRECTED BY MGH DATE 09-13

BENCH MARKS
ACS Brass Cap stamped "5-J13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

MICRO-FILM INFORMATION
Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515633.327
Elevation=4960.499 (NGVD88, in feet)
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
JOHN M. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER
John MacKenzie 02-18-13

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	07/12
DRAWN BY	DER	07/12
CHECKED BY	DMG	07/12

F:\A11JOBS\A11047 Sawmill Crossing\PLANS\UTILITIES\UNIT-1\A11047-UP3-UNIT-1.dwg, Last saved by: Dwayne, 2/14/13

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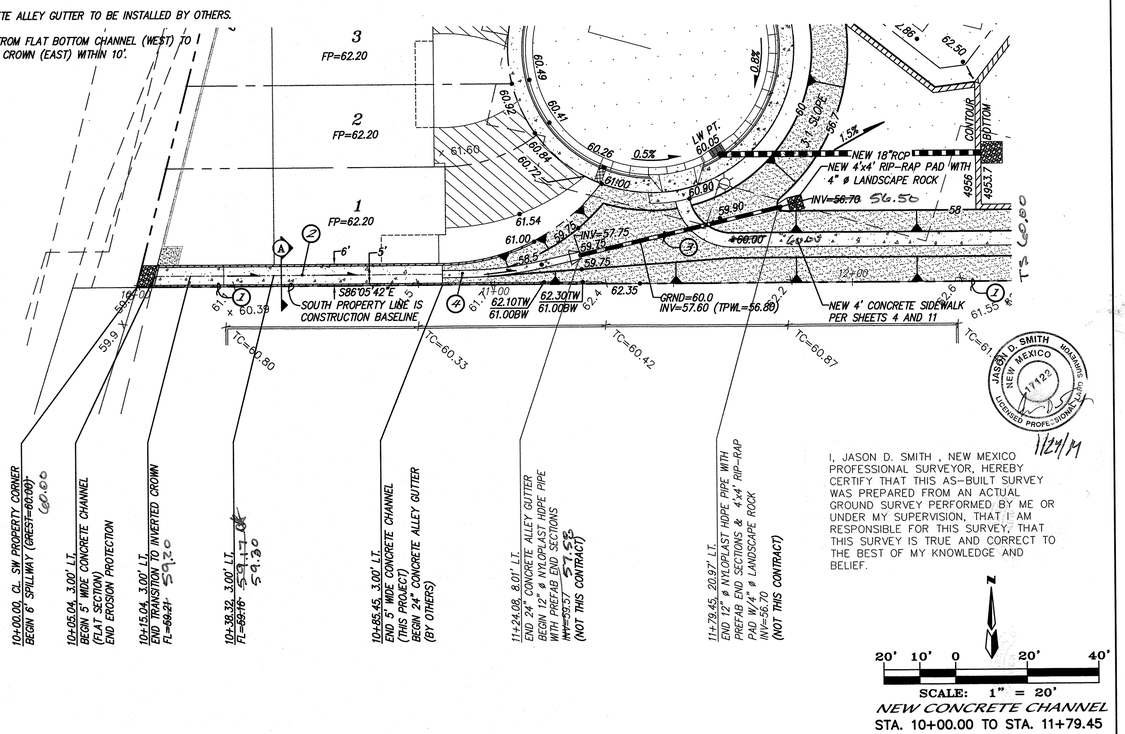
F:\A11JOBS\A11047 Sawmill Crossing\PLANS\UTILITIES\UNIT-1\A11047-UP3-UNIT-1.dwg, 2/15/2013 3:33:35 PM, DER

RECORD DRAWING

KEYED NOTES

1. STATIONING IS BASED ON THE SOUTH PROPERTY LINE.
2. CONCRETE CHANNEL SHOWN HEREON SHALL BE INSTALLED IN ACCORDANCE WITH C.O.A. STANDARD DWG #2260.
3. HDPE PIPE AND OUTFALL EROSION PROTECTION TO BE INSTALLED BY OTHERS.
4. NEW CONCRETE ALLEY GUTTER TO BE INSTALLED BY OTHERS.
5. TRANSITION FROM FLAT BOTTOM CHANNEL (WEST) TO 4" INVERTED CROWN (EAST) WITHIN 10'.



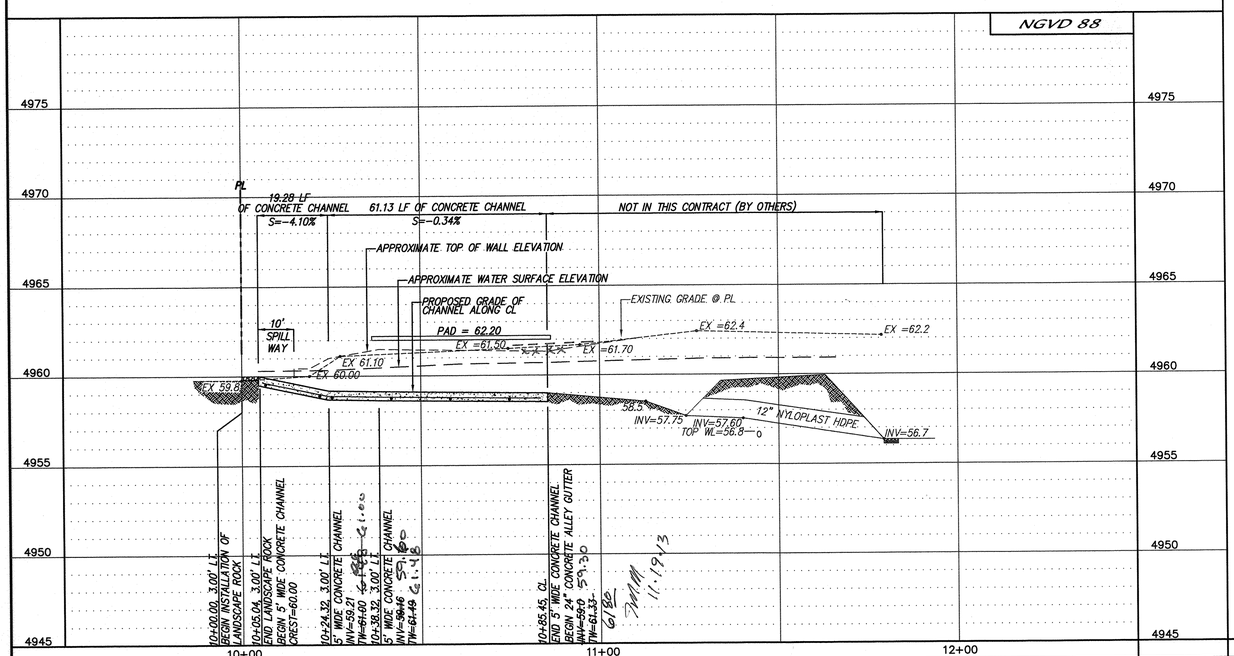
I, JASON D. SMITH, NEW MEXICO PROFESSIONAL SURVEYOR, HEREBY CERTIFY THAT THIS AS-BUILT SURVEY WAS PREPARED FROM AN ACTUAL GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

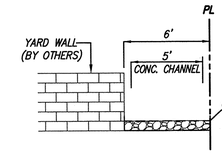
JASON D. SMITH NEW MEXICO 17123 LICENSED PROFESSIONAL SURVEYOR

1/24/14

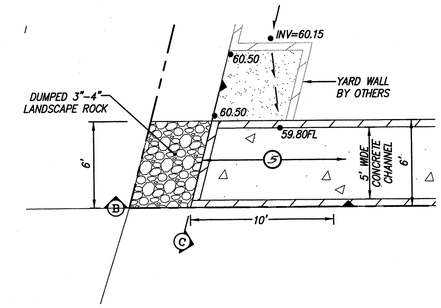
SCALE: 1" = 20'

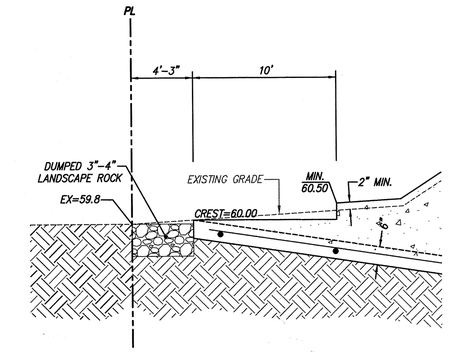
NEW CONCRETE CHANNEL
STA. 10+00.00 TO STA. 11+79.45
SCALE: HORZ. 1" = 20'
VERT. 1" = 4'



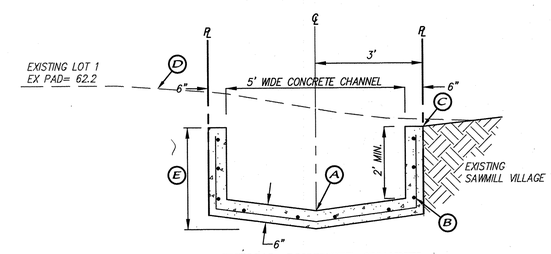


(C) SECTION ALONG SOUTHWESTERLY PROPERTY LINE
SCALE: 1"=5'





(B) SECTION ALONG SOUTH PROPERTY LINE
SCALE: 1"=5' (HORIZONTAL)
SCALE: 1"=2' (VERTICAL)



(A) TYPICAL CONCRETE CHANNEL SECTION VIEW
SCALE: 1"=2'

DETAIL KEYED NOTES

(A) 4" INVERTED CROWN
(B) INSTALL REINFORCEMENT PER C.O.A. STANDARD DWG #2260.
(C) ADJUST PERIMETER GRADE (±0.2') AS NECESSARY AND RETURN SURFACE LANDSCAPING TO ORIGINAL CONDITION.
(D) EXISTING GRADE
(E) EXCAVATE CHANNEL SECTION AS NECESSARY.

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and surveys information provided by Jason Smith NMPS number 17123.

MARK GOODWIN NEW MEXICO 8948 REGISTERED PROFESSIONAL ENGINEER

1/24/14

AS BUILT INFORMATION

CONTRACTOR Franklin's

WORK STAKED BY C.O.A. DATE 1/14

AS-BUILT BY Chris Smith DATE 1/14

ACCEPTANCE BY [illegible] DATE 1/14

FIELD VERIFICATION BY Chris Smith DATE 1/14

DRAWINGS CORRECTED BY [illegible] DATE 1/14

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS Brass Cap stamped "5-A13A"
From the intersection of I-40 and Rio Grande Boulevard, travel south on Rio Grande 0.4 miles to Mountain Road. Turn left onto Mountain Road and travel east 0.2 miles to 19th Street and the station on the left.

Geographic Position (NAD83, in feet)
N.M. State Plane Coordinates (Central Zone)
N=1491318.377, E=1515633.327
Elevation=4960.489 (NGVD88, in feet)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN B. MACKENZIE NEW MEXICO 11619 REGISTERED PROFESSIONAL ENGINEER

John B. MacKenzie 11.19.13

NO.	DATE	REMARKS	BY
1	11/22/13	Revised sheet - added this to sheet 11	

REVISIONS

		DATE
DESIGNED BY	DLH	10/13
DRAWN BY	DER	10/13
CHECKED BY	DMG	10/13

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SAWMILL CROSSING - UNIT 1
NEW CONCRETE CHANNEL
UTILITY PLAN AND PROFILE

DESIGN REVIEW COMMITTEE: APPROVED NOV 22 2013
CITY ENGINEER APPROVAL: APPROVED DEC 02 2013 CITY ENGINEER

LAST DESIGN UPDATE: MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. 617586 | ZONE MAP NO. H-13-Z | SHEET 11A OF 11

F:\A11JOBS\A11047 Sawmill Crossing\GRADE & DRAIN\UNIT-1\Exhibits\A11047-SAWMILL-GD30-UNIT 1_CHANNEL EXHIBIT-2.dwg, Last saved by: Dwayne, 11/19/13

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