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76	-	78	84	.	82	-	09						

CONSTRUCTION PLANS
FOR
THE CHRISTIAN MIDDLE SCHOOL
PAVING IMPROVEMENTS
ALBUQUERQUE, NEW MEXICO

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2	SURVEY
3	GRADING AND DRAINAGE PLAN
4	PAVING IMPROVEMENTS

RECORD DRAWING
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, John M. Mackenzie, NMPE, 11619, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, 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 WJH

Plotner, NMPS # 14271

John M. MacKenzie 01-05-09
John M. MacKenzie NMPE 11619

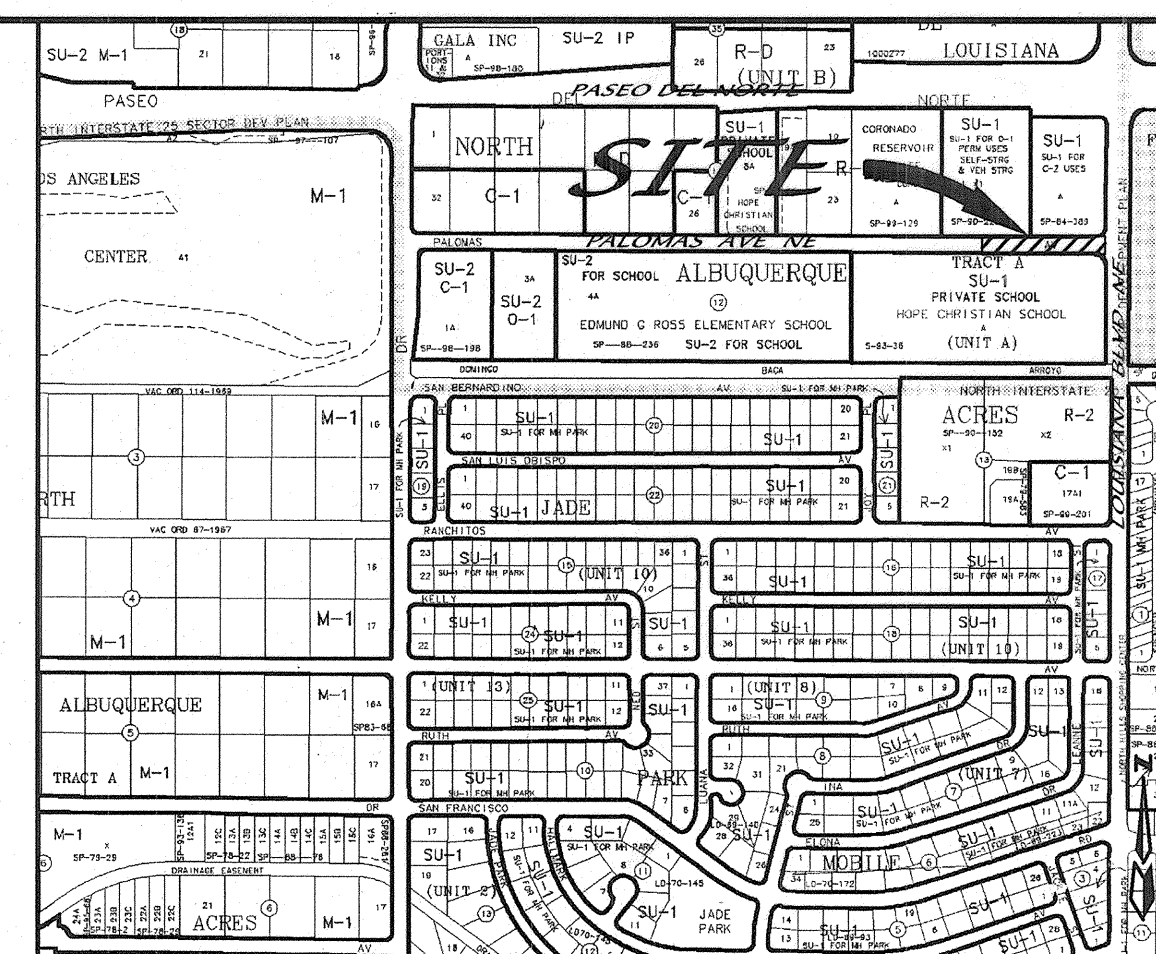
I, John M. MacKenzie, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 01-05, 2009.

This set of drawings is accepted for RECORD purposes by _____ on _____, 20____

[illegible]

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Anthony Lopez
DATE: *11/1/01*

DRB NO. *1000539*



VICINITY MAP ZONE ATLAS # D-18-Z
 GENERAL NOTES SCALE: NONE
 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 #7 (INCLUDING UPDATE #7).
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) 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 A CONSTRUCTION COORDINATION ENGINEER (CCE) A DETAILED CONSTRUCTION SCHEDULE TO THE CITY OF ALBUQUERQUE.
6. 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 STOPPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATIONS 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 ANY AREA THAT THE CITY SURVEYOR MAY HAVE NECESSARY UTILITIES 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 WHERE THE CITY SURVEYOR, WHEN CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT, ANY ROADWAY IN WHICH PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 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. CONTRACTOR SHALL COORDINATE WITH THE WATER UTILITY AUTHORITY WATER SYSTEMS DIVISION (924-3400) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY WATER AUTHORITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
12. FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
13. ALL EXCAVATION, TRAINING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926 SUBPART F.
14. ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170.7 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
15. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNAGE UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

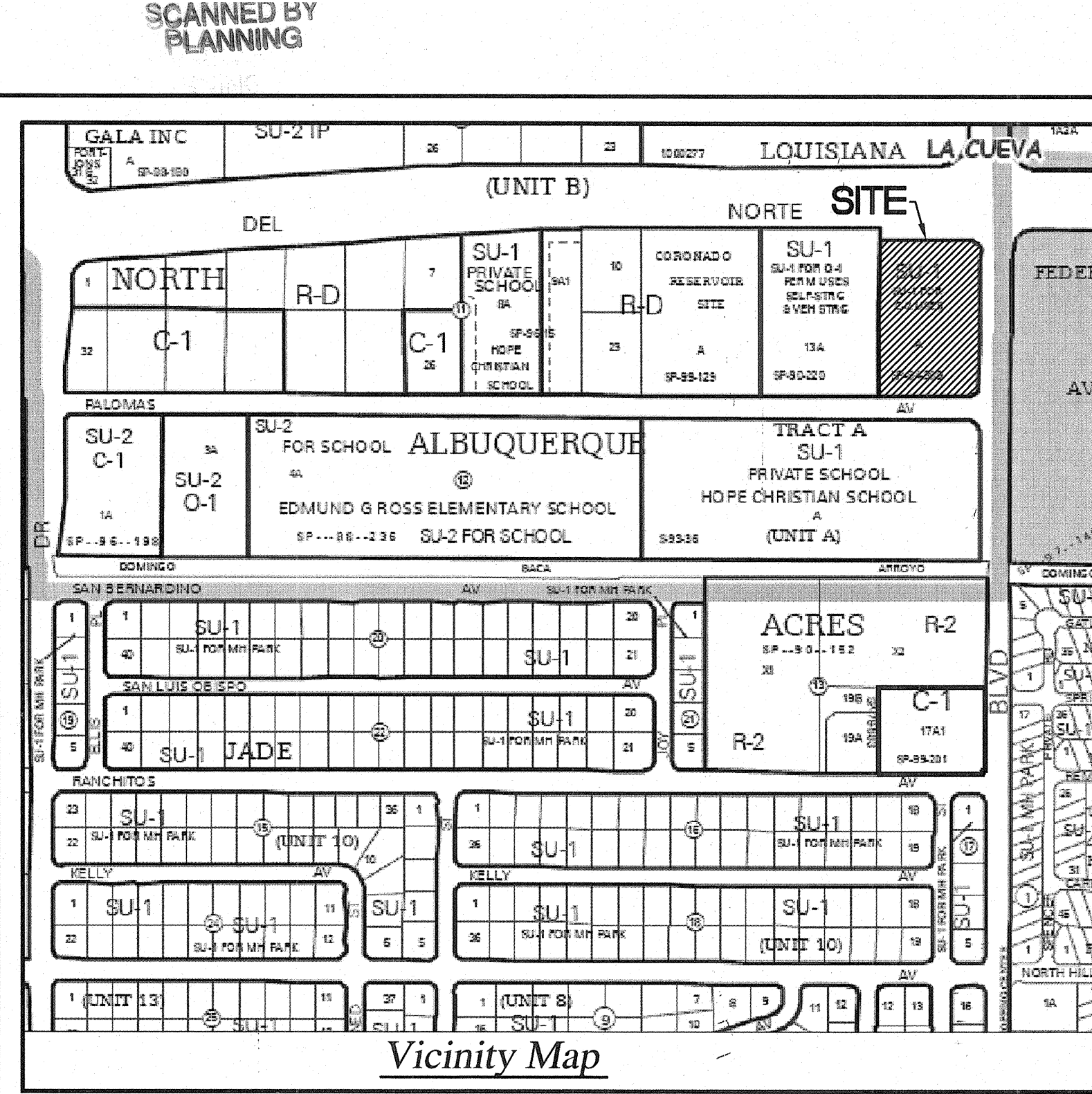
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☐ PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING.

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.

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
ENGINEERS STAMP & SIGNATURE			APPROVALS	ENGINEER	DATE	*****	
 <i>John H. Goodenow</i> 7-14-08			DRC CHAIRMAN	<i>S. Woodall</i>	7-23-08	APPROVED FOR CONSTRUCTION	
			TRANSPORTATION	<i>Myer</i>	7-15-08		
			WATER/WASTEWATER	<i>Summit</i>	7-14-08		
			HYDROLOGY	<i>Robert Chen</i>	7-19-08		
			CIP				
			CONSTR. MNGMT.				
			CONSTR. COORD.				
CITY PROJECT NO.			788482			SHEET OF	
						1 4	



Legal

PARCEL ONE

A CERTAIN PARCEL OF LAND SITUATE WITHIN PROJECTED SECTION 24, TOWNSHIP 11 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, COUNTY OF BERNALILLO, STATE OF NEW MEXICO, WITH THE ELENA CALLEGOS GRANT AND COMPRISED OF THE REMAINING PORTION OF LOT "A": IS SHOWN AND DESIGNATED ON THE MAP WHICH WAS RECORDED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON SEPTEMBER 19, 1984, IN VOLUME C25, FOLIO 23; AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING, FOR A TIE, AT THE US&GS BRASS CAP STAMPED "HEAVEN 1969" AND HAVING NEW MEXICO STATE PLANE (CENTRAL ZONE) COORDINATE VALUES OF X=407,051.31 AND Y=1,518,737.03, WHENCE, THE ACS BRASS CAP STAMPED "10-D18, 1978" HAVING NEW MEXICO STATE PLANE (CENTRAL ZONE) COORDINATE VALUES OF X=404,876.27 AND Y=1,515,687.39 BEARS S. 35 DEG. 37'23" E., A DISTANCE OF 3747.10 FEET; THENCE,

N. 89 DEG. 57'19" W., A DISTANCE OF 2239.76 FEET TO THE POINT OF COMMENCEMENT OF THE PARCEL OF LAND HEREIN DESCRIBED BEING ALSO A POINT ON THE CURVE ON THE EXISTING WESTERLY RIGHT-OF-WAY LINE OF LOUISIANA BOULEVARD, N.E. AND THE NORTHEAST CORNER OF SAID REMAINING PORTION OF LOT "A"; THENCE,

SOUTHEASTERLY, A DISTANCE OF 64.44 FEET ALONG THE WESTERLY RIGHT-OF-WAY LINE OF LOUISIANA BOULEVARD, N.E. AND ALONG THE ARC OF A CURVE TO THE RIGHT (SAID ARC HAVING A RADIUS OF 100.00 FEET, A CENTRAL ANGLE OF 36 DEG. 55'13" AND A CHORD WHICH BEARS S. 18 DEG. 37'23" E., A DISTANCE OF 63.33 FEET) TO A POINT OF TANGENCY; THENCE,

S. 02 DEG. 06'16" E., A DISTANCE OF 328.99 FEET CONTINUING ALONG THE WESTERLY RIGHT-OF-WAY LINE OF LOUISIANA BOULEVARD, N.E. TO A POINT OF CURVATURE; THENCE,

SOUTHWESTERLY A DISTANCE OF 48.26 FEET LEAVING THE WESTERLY RIGHT-OF-WAY LINE OF LOUISIANA BOULEVARD, N.E. ALONG THE ARC OF A CURVE TO THE RIGHT (SAID ARC HAVING A RADIUS OF 30.00 FEET, A CENTRAL ANGLE OF 18 DEG. 58'38" W., A CHORD WHICH BEARS S. 18 DEG. 43'22" E.) TO A POINT OF TANGENCY ON THE NORTHERLY RIGHT-OF-WAY LINE OF PALOMAS AVENUE, N.E.; THENCE,

N. 89 DEG. 56'27" W., A DISTANCE OF 234.65 FEET ALONG THE NORTHERLY RIGHT-OF-WAY LINE OF PALOMAS AVENUE, N.E. TO THE SOUTHWEST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED BEING ALSO THE SOUTHEAST CORNER OF LOT 13A, BLOCK 11, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES, SAID LOT 13A IS SHOWN AND DESIGNATED ON THE MAP RECORDED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON JANUARY 14, 1991, IN VOLUME 91C, FOLIO 18; THENCE,

N. 00 DEG. 10'44" E., A DISTANCE OF 420.36 FEET DISTANCE LEAVING THE NORTHERLY RIGHT-OF-WAY LINE OF PALOMAS AVENUE, N.E. TO THE NORTHWEST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED; THENCE,

N. 00 DEG. 49'20" E., A DISTANCE OF 420.36 FEET TO THE NORTHEAST CORNER AND POINT OF COMMENCEMENT OF THE PARCEL OF LAND HEREIN DESCRIBED.

LEGAL DESCRIPTION FOR R/W TRANSFER

A CERTAIN PARCEL OF LAND SITUATE WITHIN PROJECTED SECTION 24, TOWNSHIP 11 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, COUNTY OF BERNALILLO, STATE OF NEW MEXICO, WITHIN THE ELENA CALLEGOS GRANT AND COMPRISED OF A PARCEL OF LAND PREVIOUSLY DEDICATED AS RIGHT-OF-WAY, AND FURTHER DESCRIBED IN THE DOCUMENT ENTITLED "QUITCLAIM DEED" WHICH WAS RECORDED ON SEPTEMBER 16, 1999, IN BOOK 9912 PAGE 9922, RECORDS OF BERNALILLO COUNTY, NEW MEXICO AND LYING NORTH OF, AND ADJACENT TO, THE NORTH BOUNDARY LINE OF LOT "A", BLOCK 11, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES, SAID LOT "A" IS SHOWN AND DESIGNATED BY THE MAP WHICH WAS RECORDED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON SEPTEMBER 19, 1984, IN VOLUME C25, FOLIO 23; AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING, FOR A TIE, AT THE US&GS BRASS CAP STAMPED "HEAVEN 1969" AND HAVING NEW MEXICO STATE PLANE (CENTRAL ZONE) COORDINATE VALUES OF X=407,051.31 AND Y=1,518,737.03, WHENCE, THE ACS BRASS CAP STAMPED "10-D18" HAVING NEW MEXICO STATE PLANE (CENTRAL ZONE) COORDINATE VALUES OF X=404,876.27 AND Y=1,515,687.39 BEARS S. 35 DEG. 37'23" E., A DISTANCE OF 3747.10 FEET; THENCE,

N. 89 DEG. 57'19" W., A DISTANCE OF 2239.76 FEET TO THE POINT OF COMMENCEMENT OF THE PARCEL OF LAND HEREIN DESCRIBED, BEING ALSO

1) A POINT ON CURVE THE EXISTING WESTERLY RIGHT-OF-WAY LINE OF LOUISIANA BOULEVARD, N.E.

2) THE NORTHEAST CORNER OF SAID REMAINING PORTION OF SAID LOT "A"; AND

3) THE SOUTHEAST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED; THENCE,

N. 89 DEG. 49'20" W., A DISTANCE OF 231.04 FEET DISTANCE LEAVING THE WESTERLY RIGHT-OF-WAY LINE OF LOUISIANA BOULEVARD, N.E., ALONG SAID NORTH BOUNDARY LINE OF LOT "A" TO THE SOUTHWEST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED BEING ALSO A POINT ON THE EASTERLY BOUNDARY LINE OF LOT 13A, BLOCK 11, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES, SAID LOT 13A IS SHOWN AND DESIGNATED ON THE MAP RECORDED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON JANUARY 14, 1991, IN VOLUME 91C, FOLIO 18; THENCE,

N. 00 DEG. 10'44" E., A DISTANCE OF 38.80 FEET DISTANCE ALONG SAID EASTERLY BOUNDARY LINE OF LOT 13A TO THE NORTHWEST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED THENCE,

S. 89 DEG. 32'22" E., 191.64 FEET DISTANCE LEAVING SAID EASTERLY BOUNDARY LINE TO A POINT OF CURVATURE; THENCE,

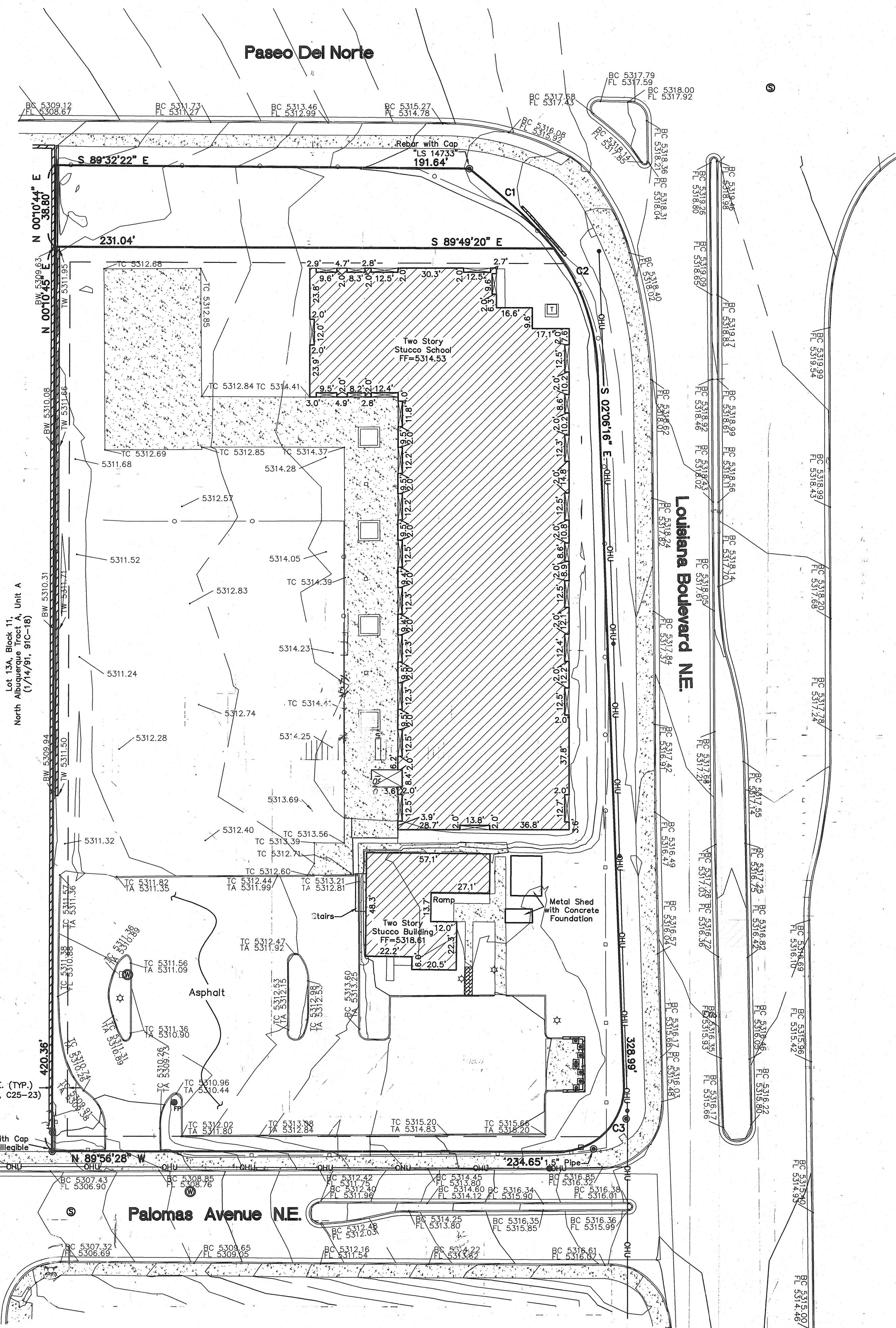
SOUTHEASTERLY, 54.73 FEET DISTANCE ALONG THE ARC OF A CURVE TO THE RIGHT (SAID ARC HAVING A RADIUS OF 270.95 FEET, A CENTRAL ANGLE OF 11 DEG. 34'26" A CHORD WHICH BEARS S. 45 DEG. 58'09" E., A DISTANCE OF 54.64 FEET DISTANCE) TO THE SOUTHEAST CORNER AND POINT OF COMMENCEMENT OF THE PARCEL OF LAND HEREIN DESCRIBED.

PARCEL TWO

ALL OF THE HOPE CHRISTIAN SCHOOL TRACT AS SHOWN AND/OR PROVIDED FOR ON THE PLAT RECORDED MARCH 24, 1994 IN VOLUME 94C, FOLIO 97, RECORDS OF BERNALILLO COUNTY, NEW MEXICO.

PARCEL THREE

LOT NUMBERED EIGHT-A (8-A) IN BLOCK NUMBERED ELEVEN (11) OF A PLAT OF LOTS 8-A AND 9-A-1, BLOCK 11, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES, BERNALILLO COUNTY, NEW MEXICO, AS SHOWN AND DESIGNATED ON THE PLAT FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON JANUARY 19, 1996 IN VOLUME 96C, FOLIO 25.



Topographic Map
for
Hope Christian Middle School
City of Albuquerque
Bernalillo County, New Mexico
February 2008

Legend

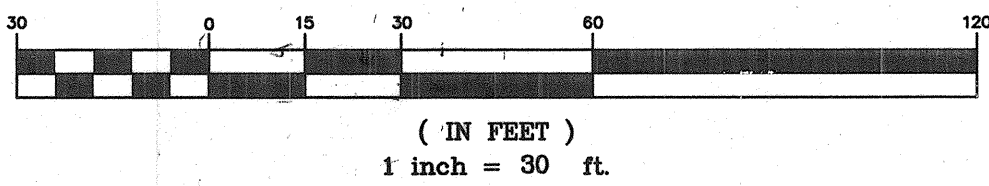
N 90°00'00" E	MEASURED BEARING AND DISTANCES
⊙	WATER METER
⊙	FLAGPOLE
⊙	TRANSFORMER
⊙	SANITARY SEWER MANHOLE
⊙	UTILITY PEDESTAL
⊙	WALL
TC 5449.0	TOP OF CONCRETE ELEVATION
BC 5449.0	BACK OF CURB ELEVATION
FL 5449.0	FLOW LINE ELEVATION
5449.0	GROUND SPOT ELEVATION

Benchmark

ACS MONUMENT "HEAVEN" HAVING AN ELEVATION OF 5378.24 (NAVD 88).

CURVE	RADIUS	LENGTH	DELTA	CHORD DIR.	CHORD
C1	270.95	54.73	11°34'26"	N 45°58'09" W	54.64
C2	100.00	64.44	36°55'13"	N 18°37'23" W	63.33
C3	30.00	48.26	92°09'51"	N 43°58'37" E	43.22

GRAPHIC SCALE



Notes

1. FIELD SURVEY PERFORMED IN FEBRUARY 2008.
2. ALL DISTANCES ARE GROUND DISTANCES; U.S. SURVEY FOOT.
3. THE EASEMENTS SHOWN HEREON ARE ONLY THE EASEMENTS AS SHOWN ON THE PLAT OF RECORD. A TITLE COMMITMENTS WILL BE REQUIRED TO SHOW OTHER EASEMENTS.
4. PROPERTY CURRENTLY ZONED: SU-1 WITH C-2 USES.
5. ZONE ATLAS PAGE D-18-Z.
6. THE BOUNDARY AS SHOWN HEREON WAS PROVIDED BY OTHERS.

Surveyor's Certificate

I, WILL PLOTNER JR., A NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR DO HEREBY CERTIFY THAT THE TOPOGRAPHIC MAP SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

WILL PLOTNER JR.
N.M.P.S. No. 14271

DATE

CARTESIAN SURVEYS INC.

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



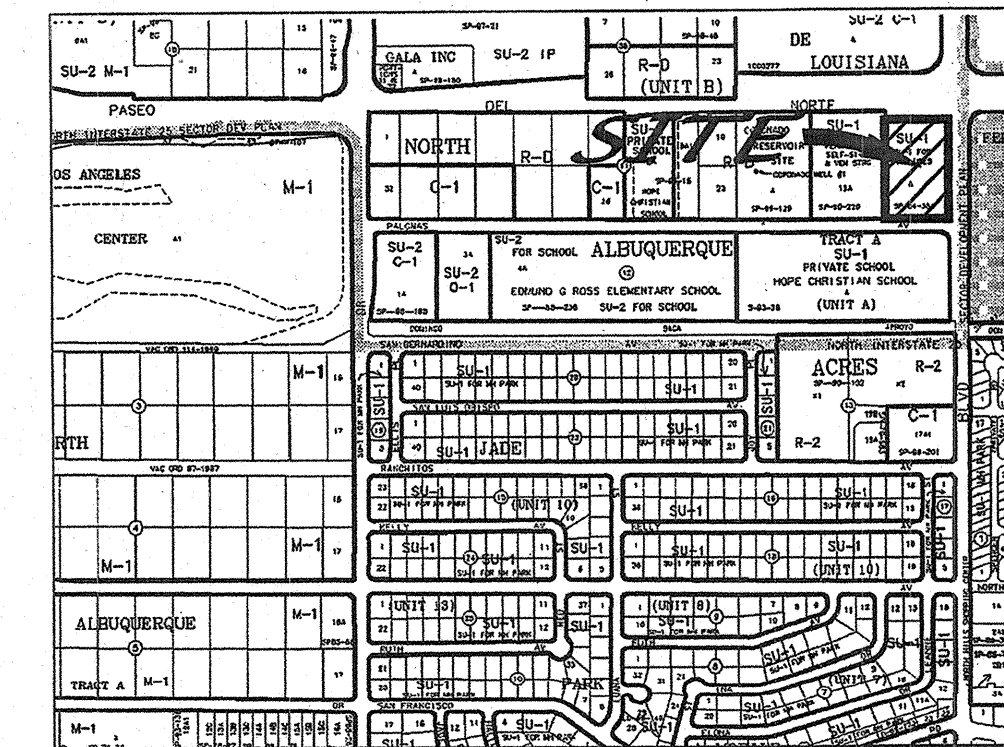
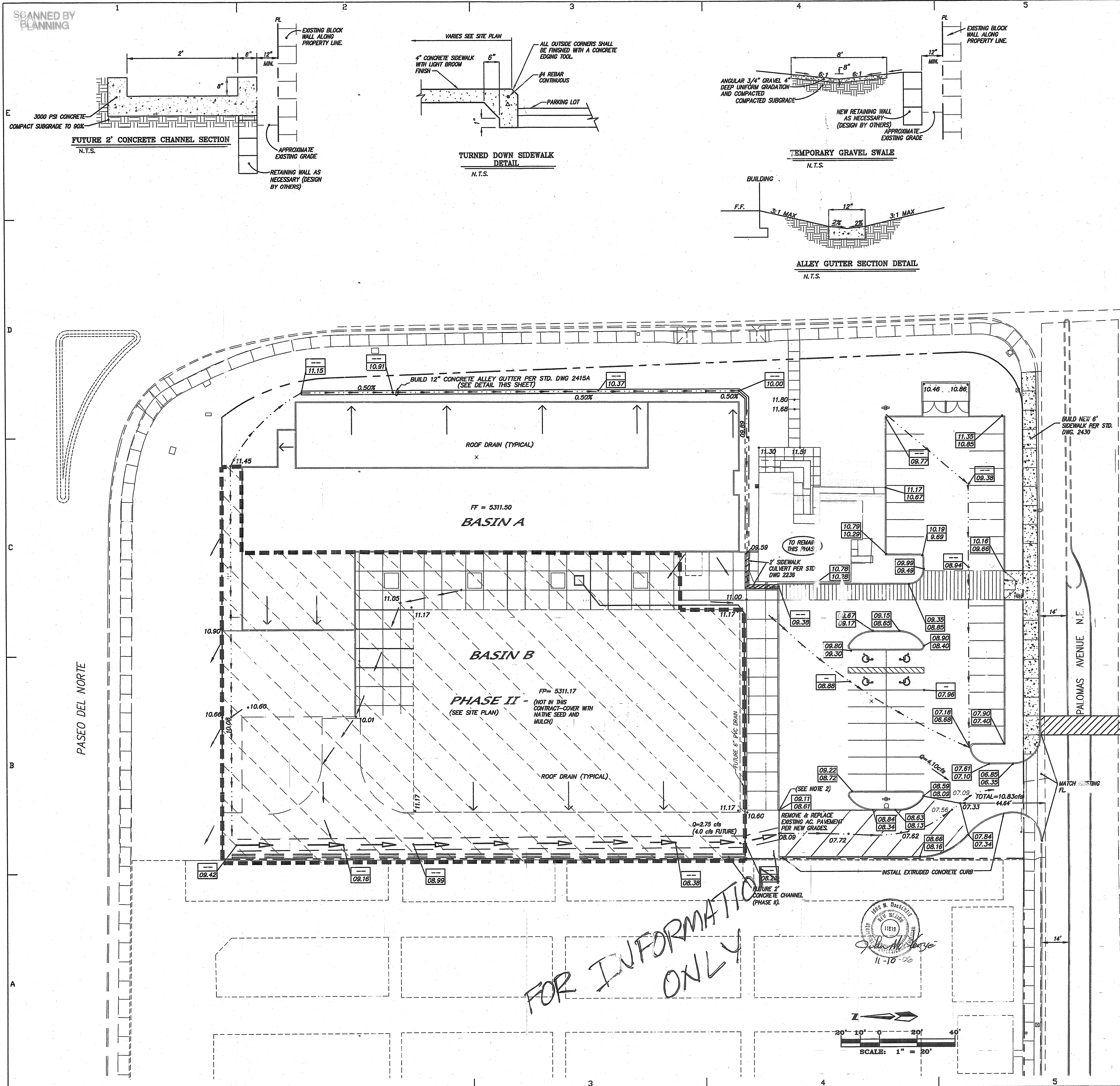
THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY. BOUNDARY DATA SHOWN IS FROM PREVIOUS SURVEY REFERENCED HEREON.

CITY PROJECT NO.

788482

SHEET OF

2 4



VICINITY MAP D-18-Z

NOTES

1. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL ABOVE AND BELOW GROUND UTILITIES ON SITE AND IS REQUIRED TO MAKE REPAIRS TO ANY UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION AT NO COST TO THE OWNER.
2. TRANSITION FROM MOUNTABLE TO TYPICAL ON-SITE CURB WITHIN 5 FEET.
3. CONTRACTOR TO PROVIDE EROSION-PROOF TEMPORARY SWALE WITH INVERTED CROWN CONSISTING OF GRAVEL (MIN. 3" DIA.) AT LEAST 8" WIDE AND 8" DEEP STABILIZED WITH COMPACTION. (SEE DETAIL THIS SHEET).
4. EXCEPT FOR MEDIAN CURB ALONG WEST SITE BOUNDARY, ALL CURB SHALL BE EXTRUDED CONCRETE CURB.
5. CONSULT SOILS REPORT FOR INFORMATION ON RECOMMENDED PAVING SECTION.

LEGEND

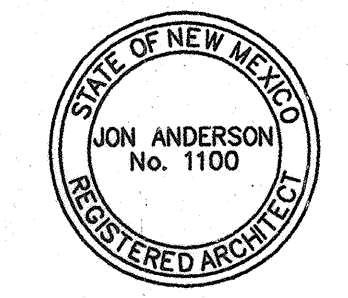
- EXISTING EDGE OF PAVEMENT
- EXISTING SPOT ELEVATION
- EXISTING UTILITIES
- EXISTING VALLEY GUTTER
- EXISTING DIRT ROAD
- EXISTING UTILITIES
- EXISTING EASEMENT
- EXISTING CONTOUR
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER LINE
- EXISTING WATERLINE
- EXISTING OVERHEAD POWER LINE
- EXISTING UNDERGROUND POWER LINE
- EXISTING BARBED WIRE FENCE
- EXISTING CHAINLINK FENCE
- EXISTING WATER VALVE
- EXISTING STORM DRAIN MANHOLE
- EXISTING AS-BUILT SPOT ELEVATION
- EXISTING BUILDINGS
- EXISTING CULVERT
- EXISTING POT HOLE
- PROPOSED HEADER CURB
- PROPOSED DRAINAGE BASIN BOUNDARY
- PROPOSED SPOT ELEVATION
- PROPERTY LINE
- FLOW ARROW
- SWALE FLOW LINE
- PROPERTY CORNER
- PROPOSED VALLEY GUTTER
- PHASE I FLOW DIRECTION AND TEMPORARY SWALE (SEE NOTE 3)
- BASIN BOUNDARY
- NEW PAVEMENT

HOPE CHRISTIAN MIDDLE SCHOOL
GRADING AND DRAINAGE PLAN

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

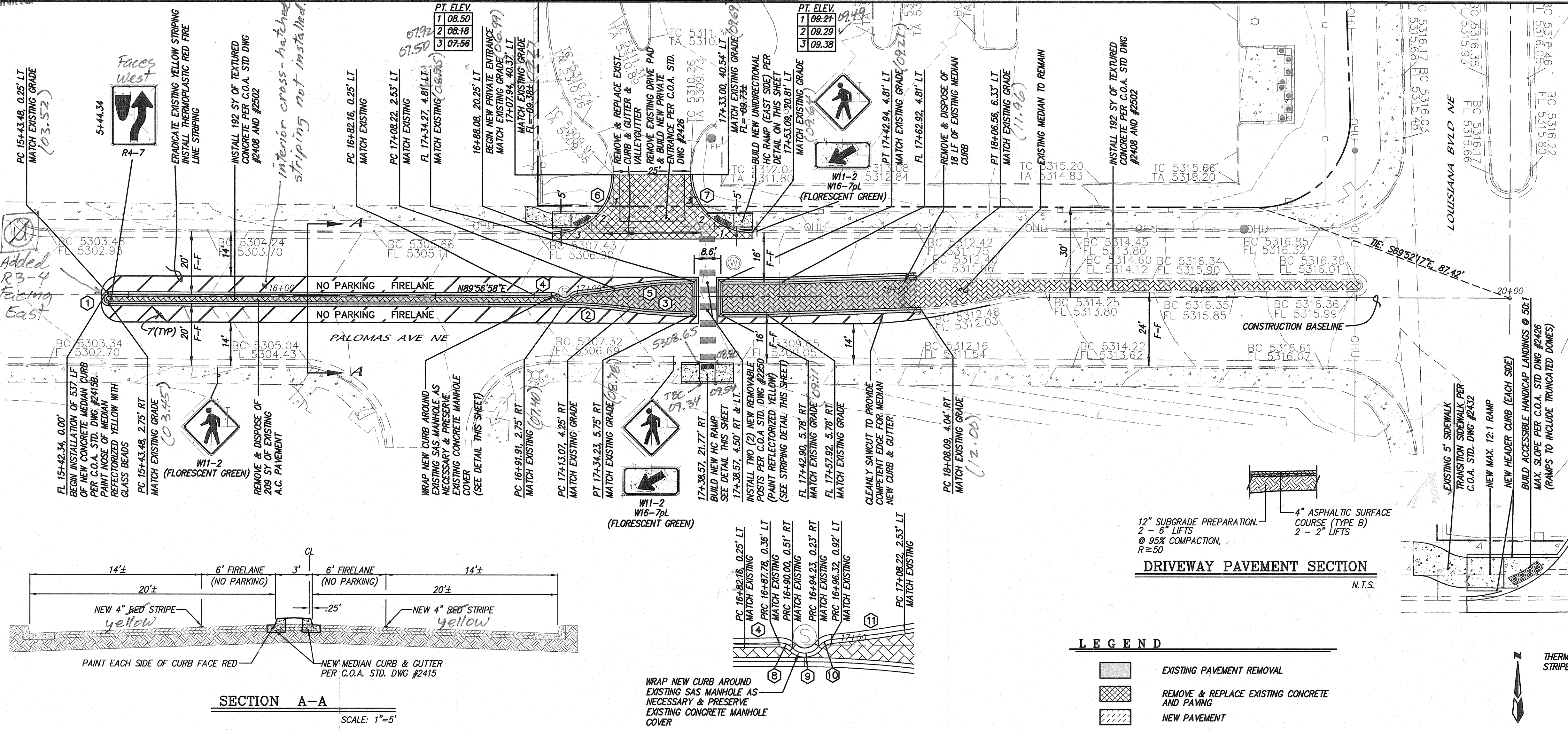
HOPE CHRISTIAN MIDDLE SCHOOL

6800 PALOMAS N.E.
JON ANDERSON ARCHITECT AIA
912 ROMA AVENUE NEW MEXICO 87102
ALBUQUERQUE NEW MEXICO 87102
505-764-8306 FAX-764-2879
WWW.JONANDERSONARCHITECT.COM

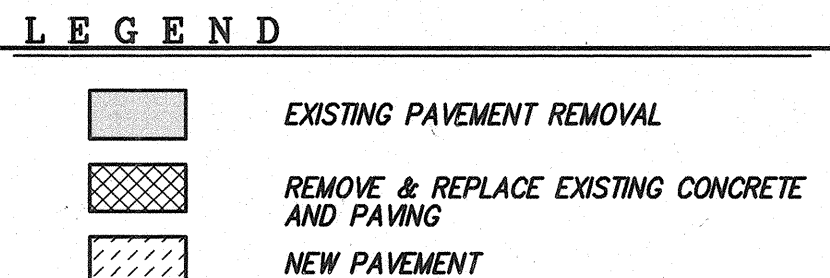
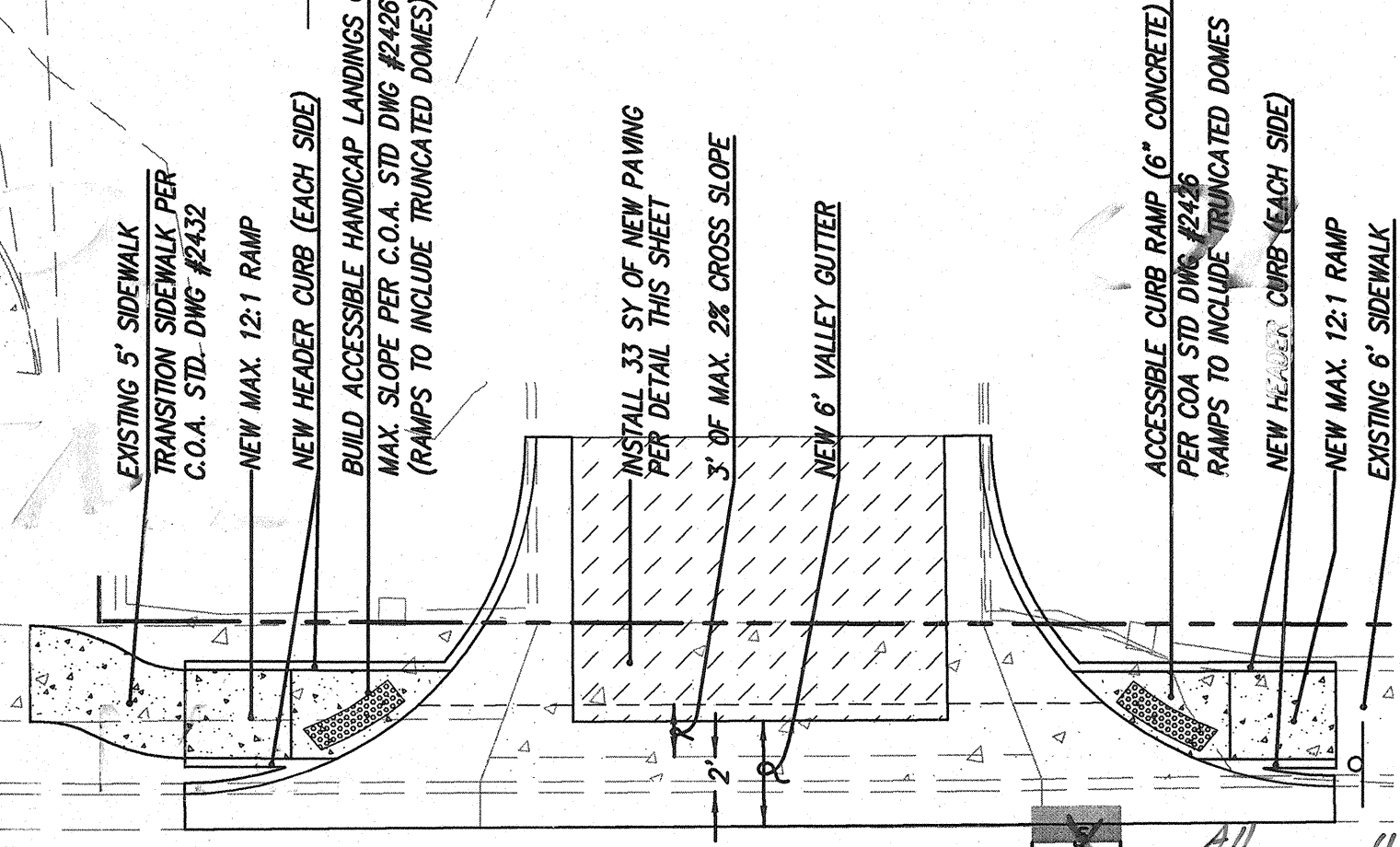


CONSTRUCTION DOCUMENTS
DATE: MARCH 07, 2006
SHEET TITLE: G&D PLAN
SHEET NUMBER: C-101

CPN 788482 6 SH 3 of 4

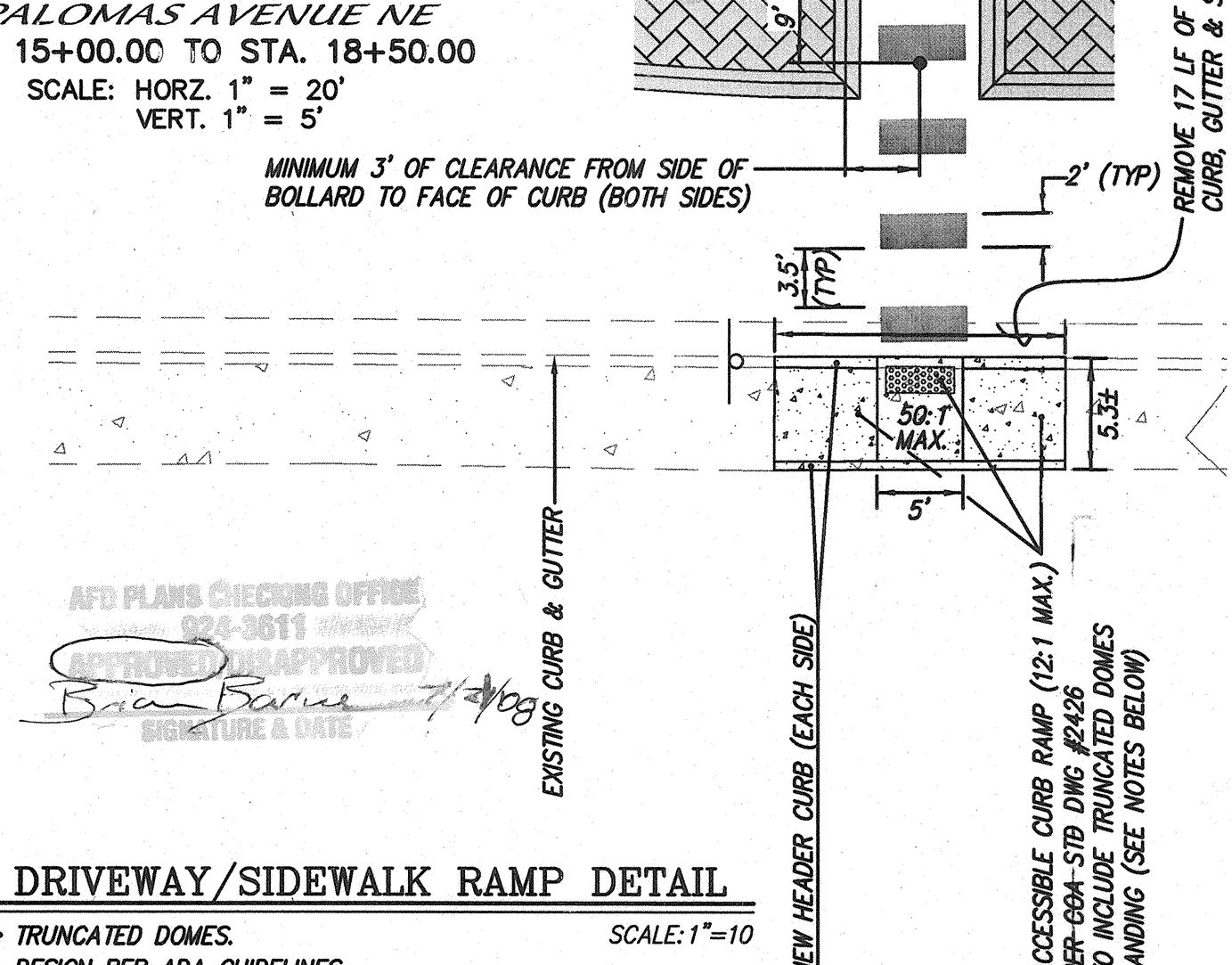


CURVE DATA - DESCRIBES FACE OF NEW CURB			
1	$\Delta=180'00''$ L=4.71 R=1.50 Tan=	2	$\Delta=8'06'34''$ L=21.23 R=150.00 Tan=10.63
3	$\Delta=8'06'34''$ L=21.23 R=150.00 Tan=10.63	4	$\Delta=2'08'48''$ L=5.62 R=150.00 Tan=2.81
5	$\Delta=10'00'14''$ L=26.19 R=150.00 Tan=13.13	6	$\Delta=89'56'55''$ L=31.40 R=20.00 Tan=19.98
7	$\Delta=89'27'55''$ L=31.23 R=20.00 Tan=19.81	8	$\Delta=46'53'11''$ L=2.45 R=3.00 Tan=1.30
9	$\Delta=97'02'41''$ L=4.79 R=2.83 Tan=3.20	10	$\Delta=46'53'11''$ L=2.45 R=3.00 Tan=1.30
11	$\Delta=4'35'08''$ L=12.00 R=150.00 Tan=6.01		



CURB DETAIL AROUND EXISTING SAS MH

RECORD DRAWING CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS									
I, John M. 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 <u>Will</u> .									
John M. MacKenzie NMPE 11619									
I, John M. MacKenzie, certify that this electronic version is identical to the original reproducible. APPROVED FOR CONSTRUCTION drawings signed by me on <u>01-23-09</u>									
5330									5330
5320									5320
5310									5310
5300									5300
5290									5290



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: HOPE CHRISTIAN MIDDLE SCHOOL
PALOMAS AVENUE N.E.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUL 23 2008 DESIGN REVIEW COMMITTEE	APPROVED OCT 06 2008 CITY ENGINEER		

CITY PROJECT NO. 788482 ZONE MAP NO. D-18-Z SHEET 4 OF 4