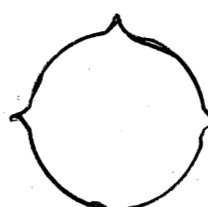


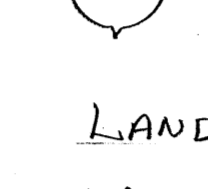
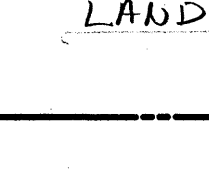

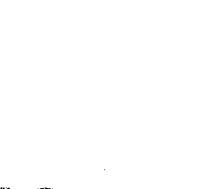
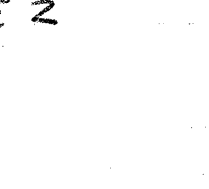




**GRACE CHURCH ADDITION**  
**6901 SAN ANTONIO DR., NE**

-  2" CALIPER ORNAMENTAL PEAR
  -  2" CALIPER RAYWOOD ASH
  -  5 GALLON BUFFALO JUNIPER
  -  5 GALLON CHERRY SAGE
  -  5 GALLON PAMPAS GRASS
  -  5 GALLON UPRIGHT ROSEMARY
  -  5 GALLON RUSSIAN SAGE
  -  5 GALLON TEXAS RED YUCCA
- LANDSCAPE AREA REQUIRED 9,003 S.F. 15%  
 LANDSCAPE AREA PROVIDED 10,315 S.F. 17%

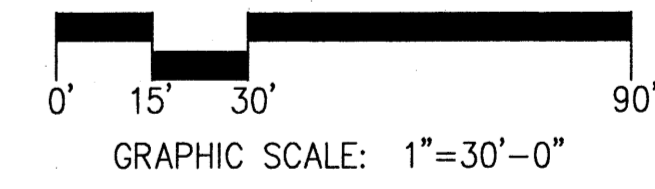
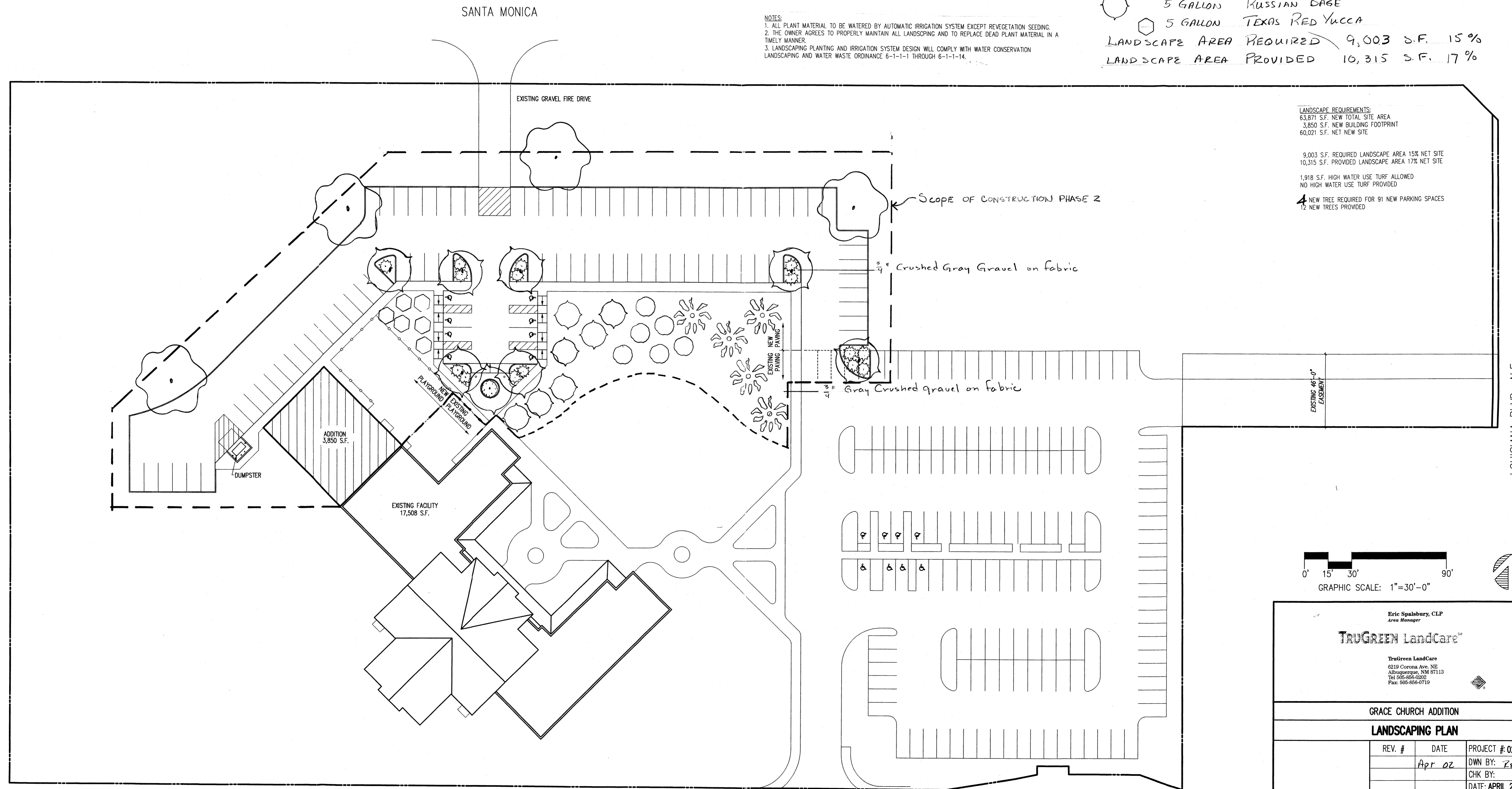
NOTES:  
 1. ALL PLANT MATERIAL TO BE WATERED BY AUTOMATIC IRRIGATION SYSTEM EXCEPT REVEGETATION SEEDING.  
 2. THE OWNER AGREES TO PROPERLY MAINTAIN ALL LANDSCAPING AND TO REPLACE DEAD PLANT MATERIAL IN A TIMELY MANNER.  
 3. LANDSCAPING PLANTING AND IRRIGATION SYSTEM DESIGN WILL COMPLY WITH WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE 6-1-1-1 THROUGH 6-1-1-14.

LANDSCAPE REQUIREMENTS:  
 63,871 S.F. NEW TOTAL SITE AREA  
 3,850 S.F. NEW BUILDING FOOTPRINT  
 60,021 S.F. NET NEW SITE

9,003 S.F. REQUIRED LANDSCAPE AREA 15% NET SITE  
 10,315 S.F. PROVIDED LANDSCAPE AREA 17% NET SITE

1,918 S.F. HIGH WATER USE TURF ALLOWED  
 NO HIGH WATER USE TURF PROVIDED

4 NEW TREE REQUIRED FOR 91 NEW PARKING SPACES  
 12 NEW TREES PROVIDED



Eric Spalsbury, CLP  
 Area Manager

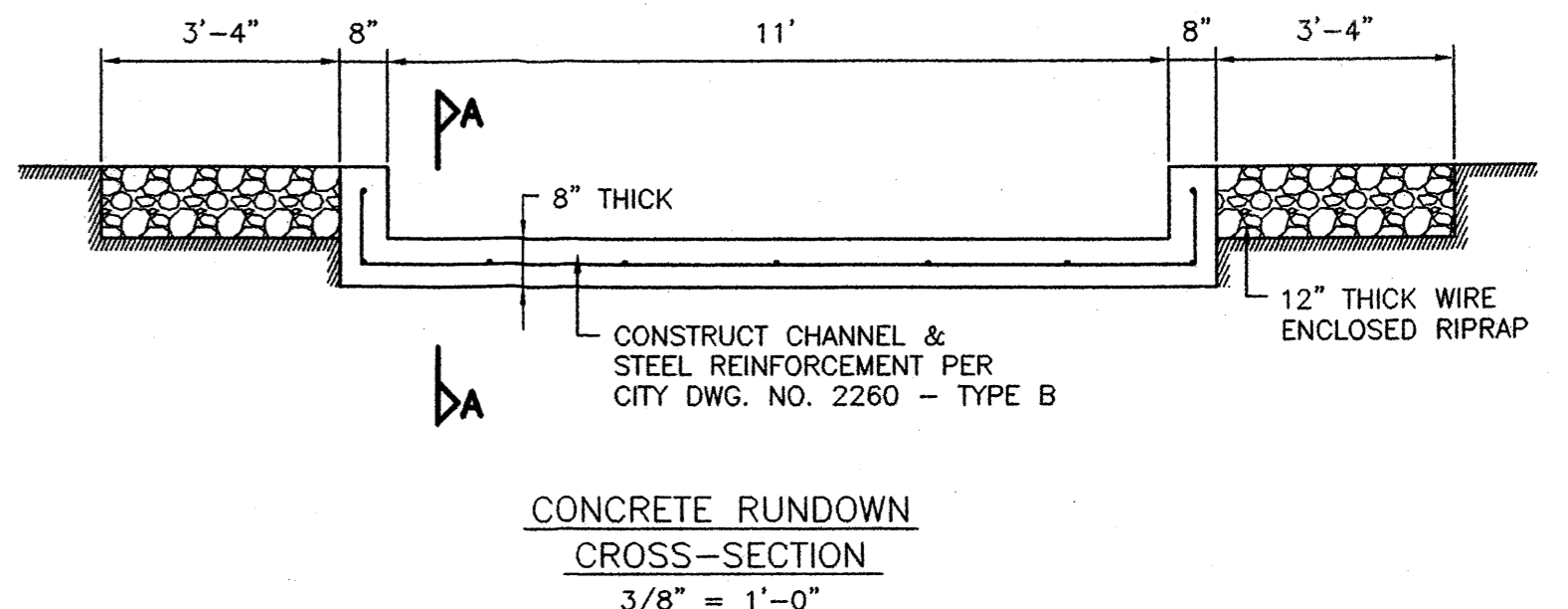
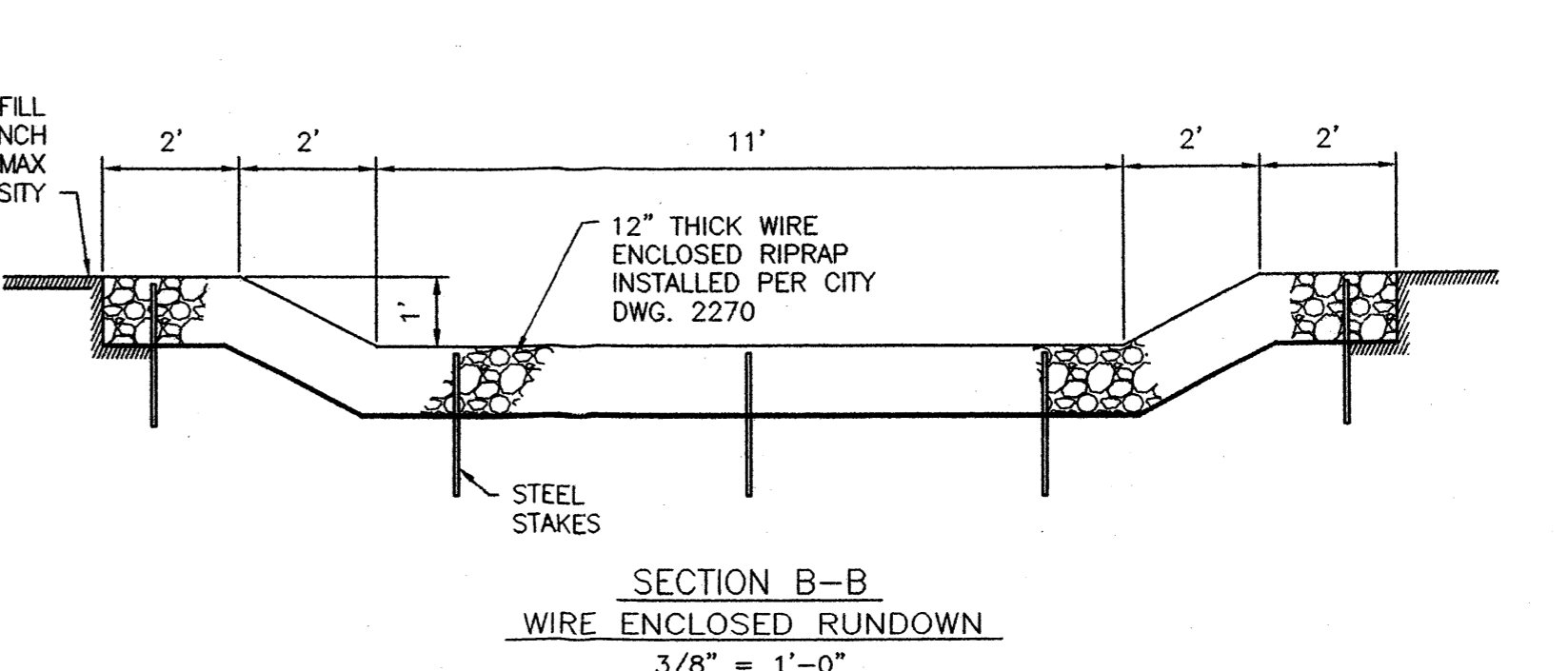
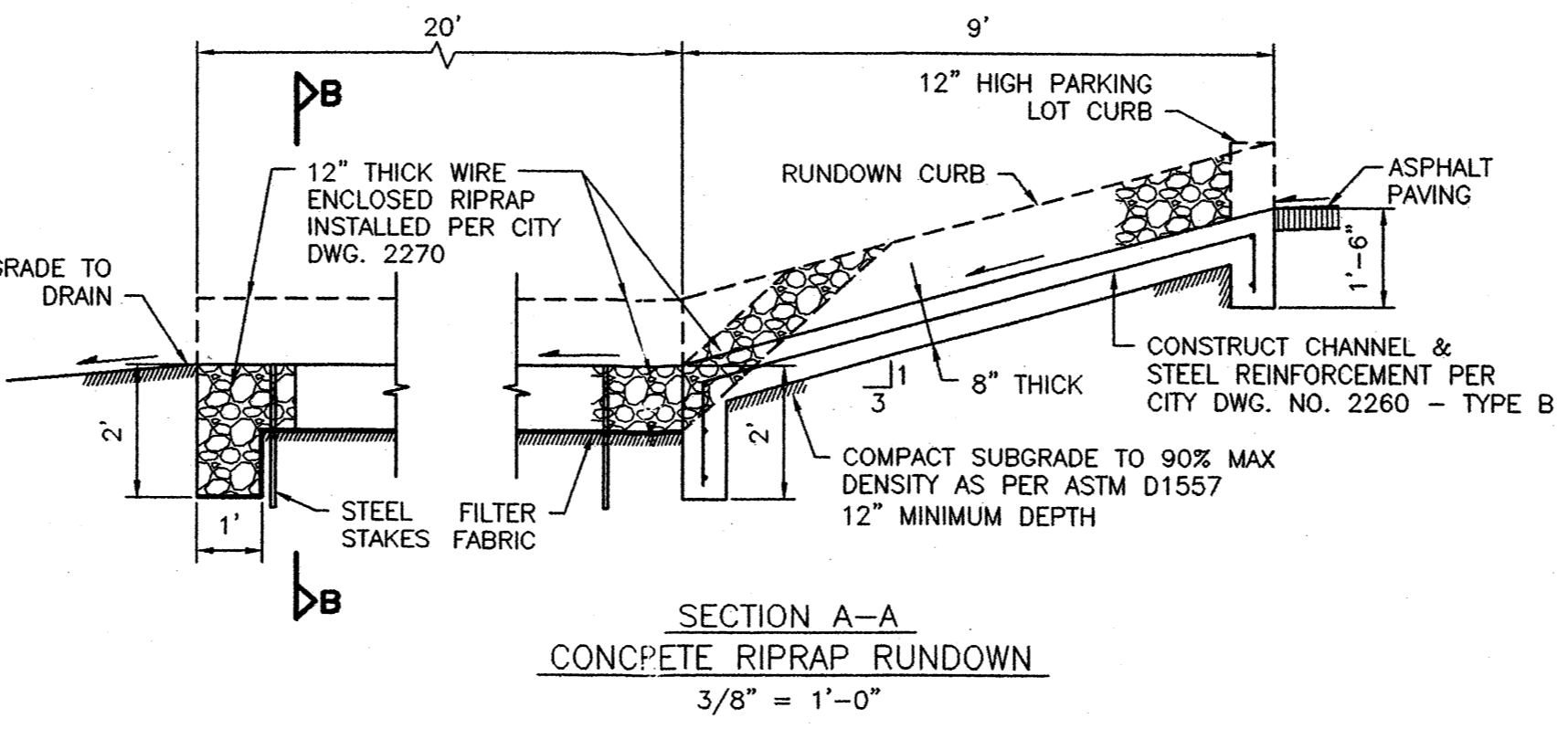
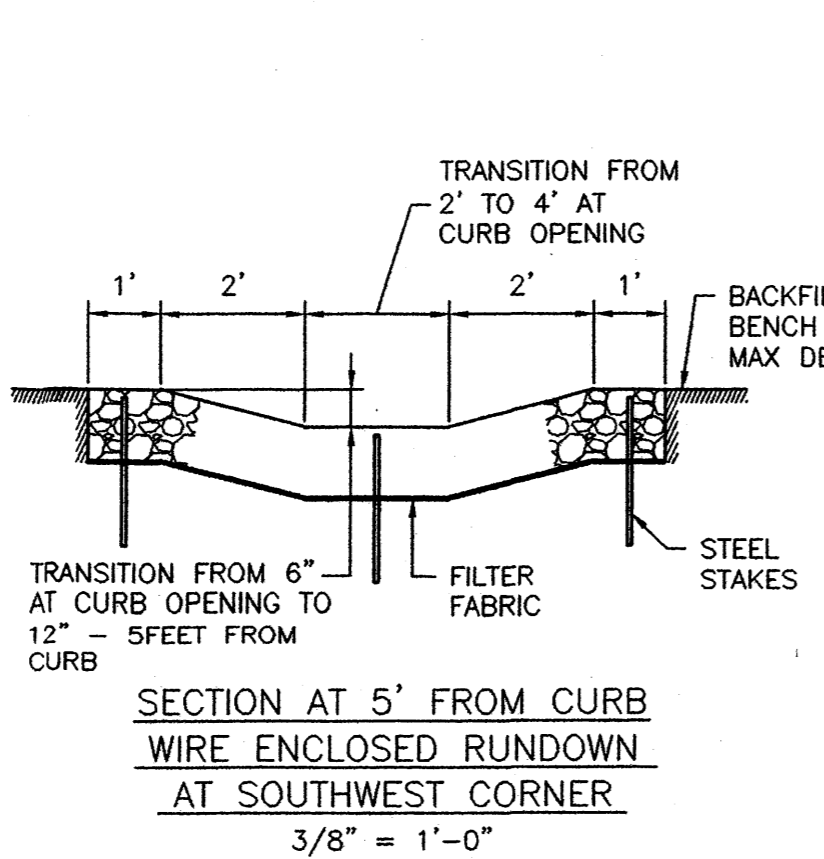
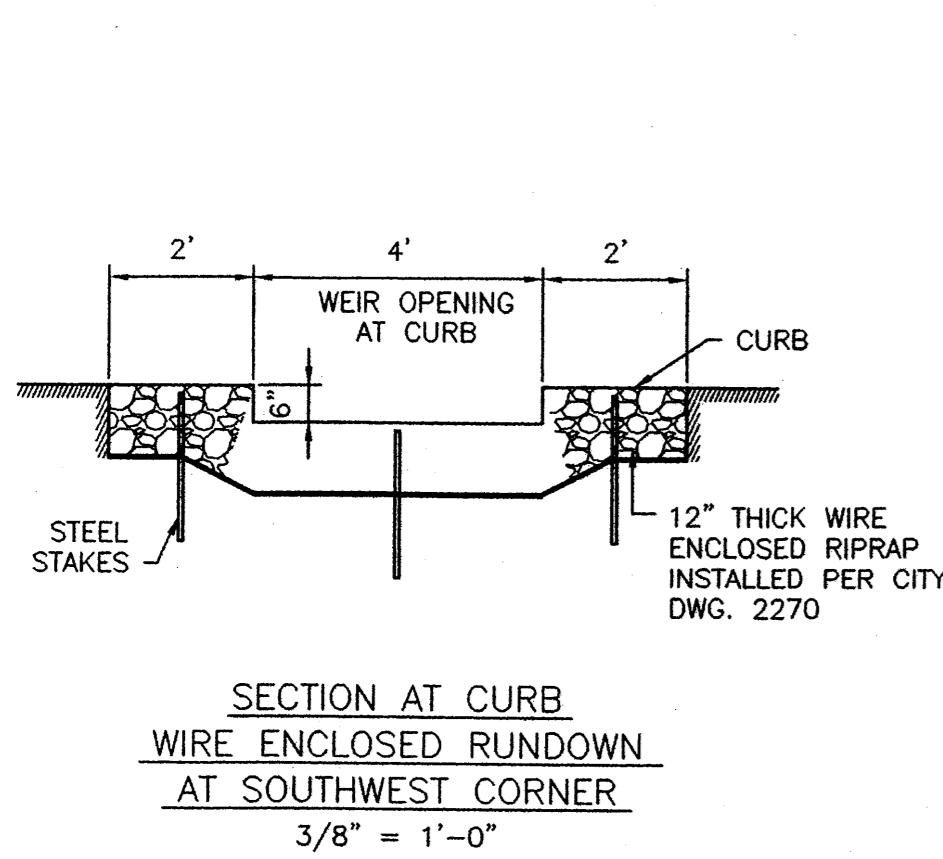
**TRUGREEN LandCare™**

TruGreen LandCare  
 6219 Corona Ave. NE  
 Albuquerque, NM 87113  
 Tel: 505-856-0200  
 Fax: 505-856-0719

GRACE CHURCH ADDITION		
LANDSCAPING PLAN		
REV. #	DATE	PROJECT # 02013
	Apr 02	DWN BY: <i>Re</i>
		CHK BY:
		DATE: APRIL 23, 2002
		<b>C2</b>
		2 OF 4

SAN ANTONIO DRIVE, N.E.

LOUISIANA BLVD., N.E.



**DRAINAGE AND GRADING PLAN FOR PHASE 11**  
**GRACE CHURCH**

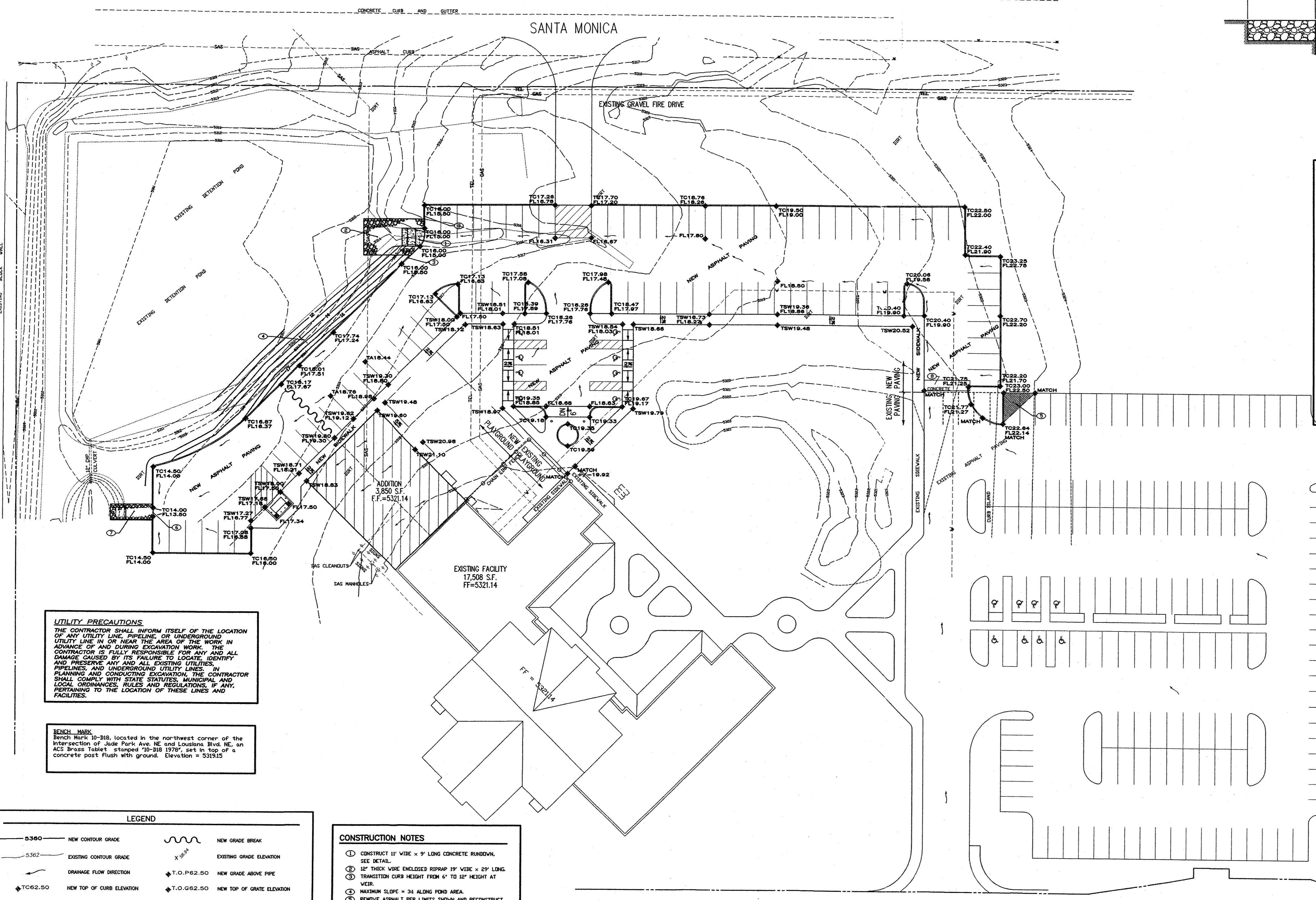
**DRAINAGE PLAN**  
 The following items concerning the drainage and grading plan for Grace Church Grading and Drainage Plan are Contained Hereon:

1. Grading Plan
2. Drainage Calculations
3. Drainage Details

**EXISTING CONDITIONS**  
 The site is at the northwest corner of San Antonio Drive NE and Louisiana Boulevard NE. At present the site is currently developed with an existing church and asphalt paving along the east side of the property.

**PROPOSED CONDITIONS**  
 As shown by the plan the proposal is to install a new building addition along the west side of the existing church and an additional parking lot along the north side. This grading plan complies with the master drainage study prepared by Tierra W at development for this entire site.

1. Size weir opening into existing detention pond for fully developed conditions:  
 $Q = 6.61ac \times 2.982cfs/ac = 19.7cfs$  Basins 1 of Tierra West Development Master Plan for fully developed conditions  
 $Q = C L H^{3/2}$ , use  $C = 3.0$ ,  $H = 7$ ,  $L =$  li feet width  
 $H = (Q/CL)^{2/3}$   
 $H = 0.71$  feet, use 1.0 feet high curb



**UTILITY PRECAUTIONS**  
 THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

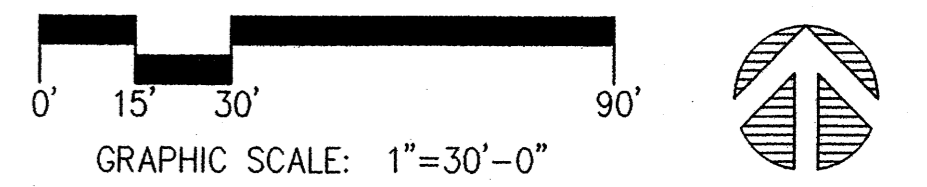
**BEACH MARK**  
 Beach Mark 10-318, located in the northwest corner of the intersection of Jade Park Ave. NE and Louisiana Blvd. NE, an ACS Brass Tablet stamped "10-318 1970", set in top of a concrete post flush with ground. Elevation = 5319.15

**LEGEND**

— 5.360 —	NEW CONTOUR GRADE	~~~~~	NEW GRADE BREAK
— 5.362 —	EXISTING CONTOUR GRADE	X	EXISTING GRADE ELEVATION
→	DRAINAGE FLOW DIRECTION	— T.O.P. P.62.50	NEW GRADE ABOVE PIPE
◆ TC62.50	NEW TOP OF CURB ELEVATION	◆ T.O.G.62.50	NEW TOP OF GRATE ELEVATION
◆ FL62.00	NEW FLOWLINE OF CURB ELEVATION	◆ TW62.50	NEW TOP OF WALL ELEVATION
◆ TAG0.11	NEW TOP OF ASPHALT ELEVATION		
◆ TSW61.87	NEW TOP OF SIDEWALK ELEVATION		

- CONSTRUCTION NOTES**
1. CONSTRUCT 12" WIDE x 9" LONG CONCRETE RUNDOWN. SEE DETAIL.
  2. 12" THICK WIRE ENCLOSED RIPRAP 19" WIDE x 29" LONG.
  3. TRANSITION CURB HEIGHT FROM 6" TO 12" HEIGHT AT WEIR.
  4. MAXIMUM SLOPE = 3% ALONG POND AREA.
  5. REMOVE ASPHALT PER LIMITS SHOWN AND RECONSTRUCT PER NEW GRADES SHOWN.
  6. MAINTAIN 4" WIDE CURB OPENING.
  7. 12" THICK WIRE ENCLOSED RIPRAP 8" WIDE x 24" LONG TO BOTTOM EDGE OF EXISTING CHANNEL.
  8. REMOVE EXISTING CONCRETE APRON.

**GRACE CHURCH ADDITION**  
 6901 SAN ANTONIO DR., NE



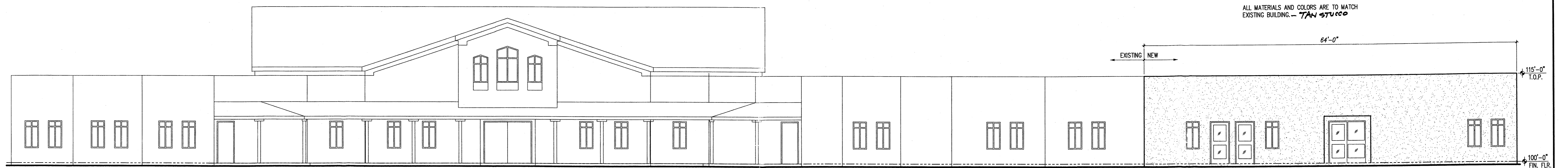
**PREPARED BY APPLIED ENGINEERING & SURVEYING, INC.**  
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 115 AMHERST DRIVE SE., ALBUQUERQUE, NEW MEXICO 87106  
 TELE. (505) 255-8668 FAX (505) 268-6665  
**SMPC ARCHITECTS**

GRACE CHURCH ADDITION  
 GRADING PLAN

REV. #	DATE	PROJECT #: 02093
		DWN BY:
		CHK BY:
		DATE: APRIL 23, 2002
		C3
		3 OF 4

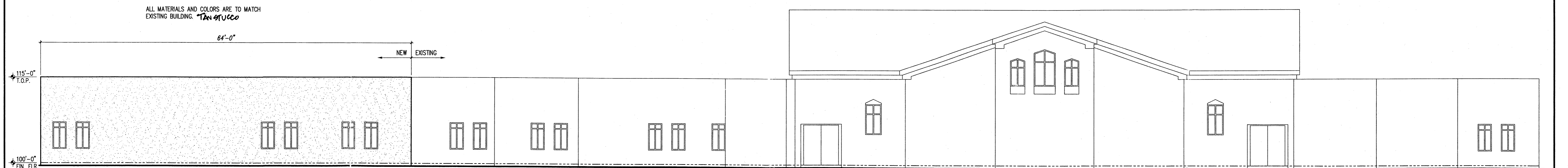
LOUISIANA BLVD., N.E.

SAN ANTONIO DRIVE, N.E.



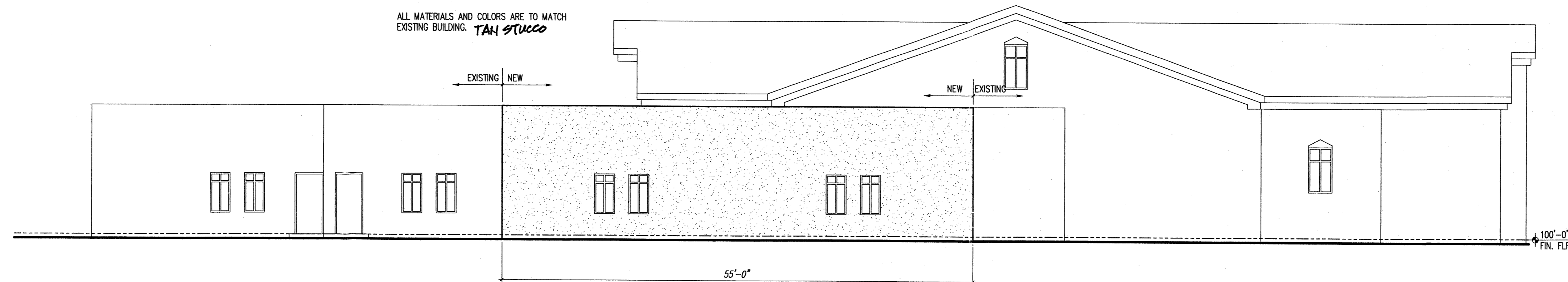
**J1** NORTHEAST ELEVATION

1/8"=1'-0" C1



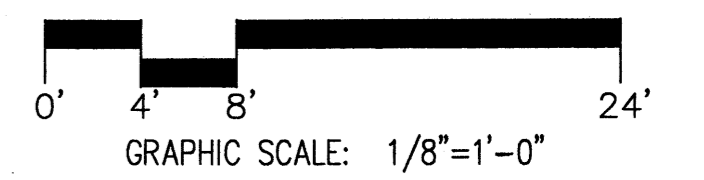
**E1** SOUTHEAST ELEVATION

1/8"=1'-0" C1



**A1** NORTHWEST ELEVATION

1/8"=1'-0" C1



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GRACE CHURCH ADDITION

ELEVATIONS OF BUILDINGS

REV. #	DATE	PROJECT # 02013
		DWN BY: KAS
		CHK BY: DAC
		DATE: APRIL 23, 2002

**C4**  
4 OF 4