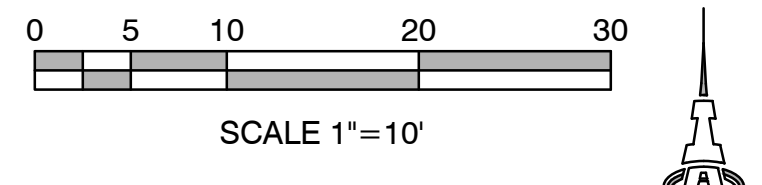
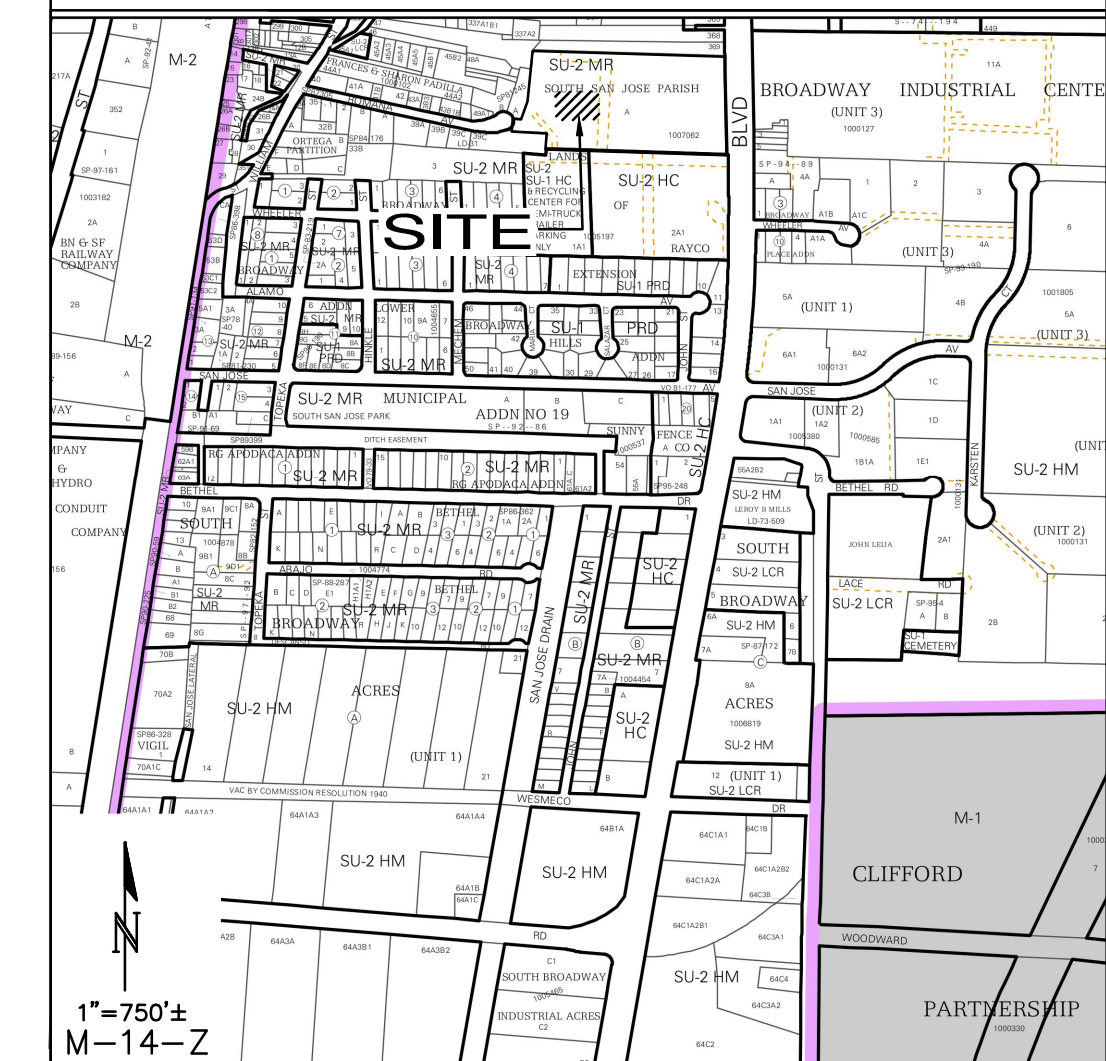


FIRST FLUSH POND		
Contour	Area	Volume
4952.00	517	321 CF
4951.00	124	
TOTAL VOL.		321 CF



VICINITY MAP



PROJECT DATA

**PROPERTY:** THE SITE IS A DEVELOPED R-1B PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP M-14. THE SITE IS BOUND TO THE EAST BY BROADWAY BLVD., TO THE WEST, NORTH AND SOUTH BY DEVELOPED RESIDENTIAL PROPERTY.

**PROPOSED IMPROVEMENTS:** THE PROPOSED IMPROVEMENTS INCLUDE A NEW MULTIPURPOSE BUILDING WITH ASSOCIATED PAVED ACCESS, PARKING, AND LANDSCAPING IMPROVEMENTS.

**LEGAL:** TRACT A, SOUTH SAN JOSE PARISH.

**ADDRESS:** 2401 BROADWAY S.E., CITY OF ALBUQUERQUE

**BENCHMARK:** ACS STA. 8-M14, SQUARE CHISELED ON CONC. MEDIAN CURB IN BROADWAY BLVD. APPROX. 690 FT. SOUTH OF BETHEL AVENUE ELEV. 4938.40 (NGVD29)

**OFF-SITE FLOW:** NO OFF-SITE DRAINAGE AFFECTS THIS PROPERTY.

**FLOOD HAZARD:** PER BERNAILLO COUNTY FIRM MAP #108, THE SITE IS LOCATED WITHIN FLOODZONE 'X' DESIGNATED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.

**DRAINAGE PLAN CONCEPT:** THE SITE WILL CONTINUE TO DRAIN WEST TO THE EXISTING DETENTION / DESILTATION POND LOCATED AT THE SOUTHWEST CORNER OF THE PROPERTY. FLOW THEN ENTERS THE EXISTING MECHEM STORM DRAIN SYSTEM INSTALLED IN 2005 (C.O.A. PROJECT #82502) AND IS ROUTED TO AN EXISTING OFF-SITE STORMWATER DETENTION AREA WEST OF THE SITE. FLOW IN EXCESS OF STORM DRAIN CAPACITY WILL CONTINUE TO OVERFLOW TO ROMANA STREET AT EXISTING OVERFLOW STRUCTURE.

**ENGINEER:** FRED C. ARFMAN: NMPE 7322  
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128 MONROE NE 87108  
505-268-8828

**SURVEYOR:** RUSS P. HUGG: NMPS NO. 9750  
SURV-TEK, INC  
9384 VALLEY VIEW DRIVE, NW 87114  
505-897-3366

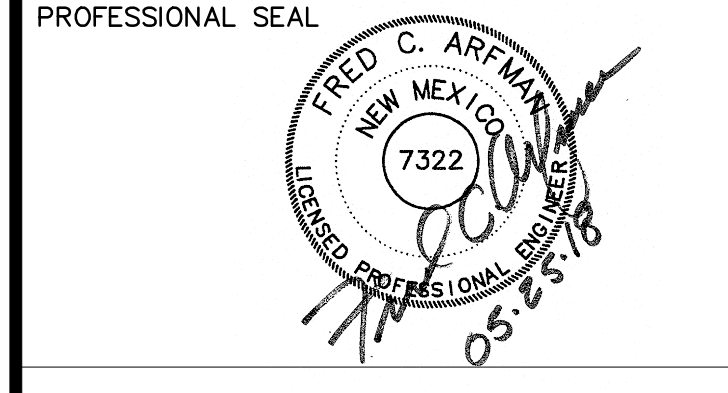
LEGEND

- 4955' EXISTING SPOT ELEVATION
- - - 4955' EXISTING CONTOUR
- - - 57' PROPOSED CONTOUR (1' INCREMENT)
- ◆ 58.0 PROPOSED SPOT ELEVATION
- FLOW ARROW
- ~ ELEVATION GRADE BREAK
- ▲ EXTERIOR DOOR
- ROCK EROSION PROTECTION

KEYED NOTES

1. CONSTRUCT STORM WATER QUALITY POND AT ELEVATIONS SHOWN. INSTALL 1" WIDE X 8" DEEP ROCK EROSION PROTECTION TO DEFINE PERIMETER. SLOPE AT 5:1
2. REMOVE & REPLACE EXISTING PCC CONCRETE TO TRANSITION SMOOTHLY. COORDINATE WITH ARCHITECT.
3. INSTALL PRECAST CONCRETE OR GROUTED ROCK SPLASH PAD WHERE ROOF DISCHARGES TO UNPAVED AREAS. OWNER TO PROVIDE ADDITIONAL EROSION PROTECTION AS NEEDED.
4. PROVIDE SMOOTH TRANSITION TO EXISTING GRADES SHOWN.
5. INSTALL 4" AVG. DIA. X 8" DEEP ROCK EROSION PROTECTION TO LIMITS SHOWN WITH HATCH. SEE DETAIL ON CG-501.
6. CONSTRUCT PARKING AT ELEVATIONS SHOWN. SEE ARCHITECTURAL FOR MATERIAL AND DETAIL.
7. TEMPORARY WATER HARVESTING BASIN PROVIDED AT SITE LOWPOINT TO LIMIT REGRADING OF EXISTING BASE COURSE PARKING. PROVIDE OVERFLOW ELEVATION AS SHOWN. AS SITE DEVELOPS TO THE NORTH, THIS AREA WILL BE REGRADED TO DRAIN WEST.

Original drawings remain the property of the Architect and as such the Architect retains total ownership and control. The design represented by these drawings is sold to the client for a one time use, unless otherwise agreed upon in writing by the Architect.



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PROJECT NAME  
**SAN JOSÉ CATHOLIC CHURCH  
PARISH HALL**

**SAN JOSÉ CATHOLIC CHURCH  
2401 BROADWAY BLVD SE  
ALBUQUERQUE, NM 87102**

▲	10/11/18	REVISED GRADES
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MARK	DATE	DESCRIPTION

PROJECT NUMBER IA2270  
DRAWN BY BJB  
CHECKED BY FCA  
ISSUE DATE 05-25-18

SHEET NAME  
**GRADING AND  
DRAINAGE PLAN**

SHEET NUMBER  
**CG-101**