

*** CONSTRUCTION NOTES ***

1. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLAB SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
2. ADJUST PAVEMENT AND/OR CURB ELEVATIONS AS NECESSARY TO ASSURE A SMOOTH RT AND CONTRAST GRADE WITH EXISTING.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS BUT NOT LIMITED TO DRAINAGE UTILITIES, PAVEMENT, STOPPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
6. PROPOSED SPOT GRADES SHOWN ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
7. EXISTING AND PROPOSED GRADE CONTOUR INTERVALS SHOWN AT ONE FOOT (1').
8. ALL UNPAVED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE FOUR INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY ESTABLISHMENT FABRIC TO ALL BULGES BY TV OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH STANDARD SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
9. FOR LOCATION OF ALL UTILITY ENTRANCES, SEE ARCHITECTURAL PLANS AND SPECIFICATIONS.
10. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL, PLANS, POWER COMPANY, TELEPHONE COMPANY & GAS COMPANY FOR ACTUAL ROUTING OF POWER AND SERVICES TO BUILDING.
11. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME.
12. AFTER PERMITS HAVE BEEN OBTAINED & EROSION CONTROL MEASURES INSTALLED, THE CONTRACTOR SHALL GRADE BUILDING PAD TO 2" TO 4" OF SUBGRADE.

STANDARD ACCESSIBILITY REQUIREMENTS

- PARKING**
 1. ACCESSIBLE PARKING SPACES SHALL BE 8'x8' WITH A MAXIMUM SLOPE OF 2% IN ALL DIRECTIONS.
 2. EACH ACCESSIBLE PARKING SPACE SHALL HAVE A VERTICALLY MOUNTED OR SUPERIMPOSED SIGN SHOWING THE SYMBOL OF ACCESSIBILITY. AT LEAST ONE IN EVERY FIVE SPACES MUST HAVE AN ADDITIONAL INDICATOR "VAN ACCESSIBLE" BELOW THE SYMBOL OF ACCESSIBILITY. SIGNS SHALL BE LOCATED AT 8' FROM SHARED SURFACE TO THE MIDDLE OF THE SPACE.
 3. ALL ACCESSIBLE SERVING ACCESSIBLE PARKING SPACES SHALL BE 8'x12' MINIMUM AND 8'x12' MINIMUM FOR VAN DESIGNATED SPACES. ALL BUILDINGS SHALL CONTAIN AT LEAST ONE VAN ACCESSIBLE SPACE PER EIGHT ACCESSIBLE SPACES PROVIDED.
- RAMP**
 1. RAMP EXCEEDING 6" IN RISE SHALL HAVE HANDRAILS EACH SIDE BETWEEN 34" AND 38" IN HEIGHT. EXTEND 2' BEYOND TOP AND BOTTOM OF RAMP, AND SHALL NOT OBSTRUCT THE CLEAR AREA REQUIRED FOR TOP AND BOTTOM LANDINGS BEYOND THE RAMP.
 2. RAMP AND LANDINGS 8" OR DEEPER SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES A MINIMUM OF 2" HIGH TO PREVENT PEOPLE FROM SLIPPING OFF THE RAMP.
 3. CURB RAMP SHALL HAVE A ROUGH-BRONZED FINISH SURFACE OR ABRADED T.E. CURB RAMP SHALL ALSO CONTAIN OTHER TRUNCATED DOMES OR DEEP GROOVES IN ACCORDANCE WITH ADA STANDARDS AND BE ADJUSTED SO THAT WATER WILL NOT ACCUMULATE. COLOR OF RAMP FINISH MATERIAL (INCLUDES CONCRETE) AND LIGHT REFLECTIVE VALUE MUST CONTRAST SIGNIFICANTLY TO CONTRAST WITH ADJACENT SURFACE.
 4. LANDINGS FOR RAMP SHALL BE A MINIMUM OF 8'x8' LONG IN DIRECTION OF TRAVEL. ALL LANDINGS SHALL BE AT LEAST AS WIDE AS THE WIDTH OF THE RAMP THEY SERVE.
 5. SIDEWALK AND ACCESSIBLE ROUTES TO PUBLIC AREAS OR RIGHT-OF-WAY: MAX. LONGITUDINAL SLOPE 4.3% MAX CROSS SLOPE 1.5%.

DRAINAGE REPORT

Site Location - The site is located on the northwest corner of Central Avenue N.W. and Yucca Drive N.W. There is currently a Church's Chicken restaurant at the site. The proposed development will include demolition of the existing building and parking area, and construction of a new Church's Chicken restaurant building with associated paving, grading, landscaping, and utility construction.

Methodology - The proposed storm water management system was designed in accordance with Chapter 22 of the City of Albuquerque Development Process Manual. The site is located in Bernalillo County Precipitation Zone 1. The 100-year, 6-hour frequency event was used as the principal design storm.

Existing Conditions - The site is completely impervious under existing conditions. The majority of the site drains south to Central Avenue. A small portion on the west side of the site drains to Yucca Avenue, and a small portion along the west property boundary drains off the site to the east.

Proposed Conditions - Refer to Sheet C5.1 for the Grading & Drainage Plan for the site. There are three drainage areas identified for proposed conditions at the site. The existing drainage patterns at the site were maintained for the proposed conditions. For the purpose of quantifying the peak discharge rate and runoff volume from the site, all impervious areas were assigned a Land Treatment Condition 0, and disturbed pervious areas were assigned a Land Treatment Condition C. Area A-1 consists of 0.013 acres, and drains to Yucca Drive to the west. Drainage Area A-2 contains 0.355 acres, and drains off the site to the south onto Central Avenue. Area A-3 contains 0.021 acres and drains off the site to the east. The 100-year, 6-hour peak runoff rate and volume calculations for post-developed conditions are summarized on Sheet C5.1.

Conclusions - The site is completely impervious under existing conditions. Under proposed conditions, approximately 0.059 acres of the 0.389 total acres at the site will be converted to landscaped area. It is anticipated that the 100-year, 6-hour event peak discharge rate from the site will decrease from approximately 1.7 cubic feet per second (cfs) under existing conditions to approximately 1.6 cfs under proposed conditions. Therefore this redevelopment will not have an adverse impact on the existing storm water management system surrounding the site.

Drainage Area Number	Area (ac)	Land Treatment Condition	Runoff Coefficient	Runoff Volume (cu ft)	Peak Discharge (cfs)	Remarks
A-1	0.013	0.000	0.013	0.00	0.00	WEST TO YUCCA DRIVE
A-2	0.355	0.000	0.000	0.33	1.51	SOUTH TO CENTRAL AVENUE
A-3	0.021	0.000	0.021	0.00	0.00	OFF-SITE TO THE EAST
Total	0.389	0.000	0.000	0.33	1.51	

Note: Calculations in accordance with the City of Albuquerque Development Process Manual

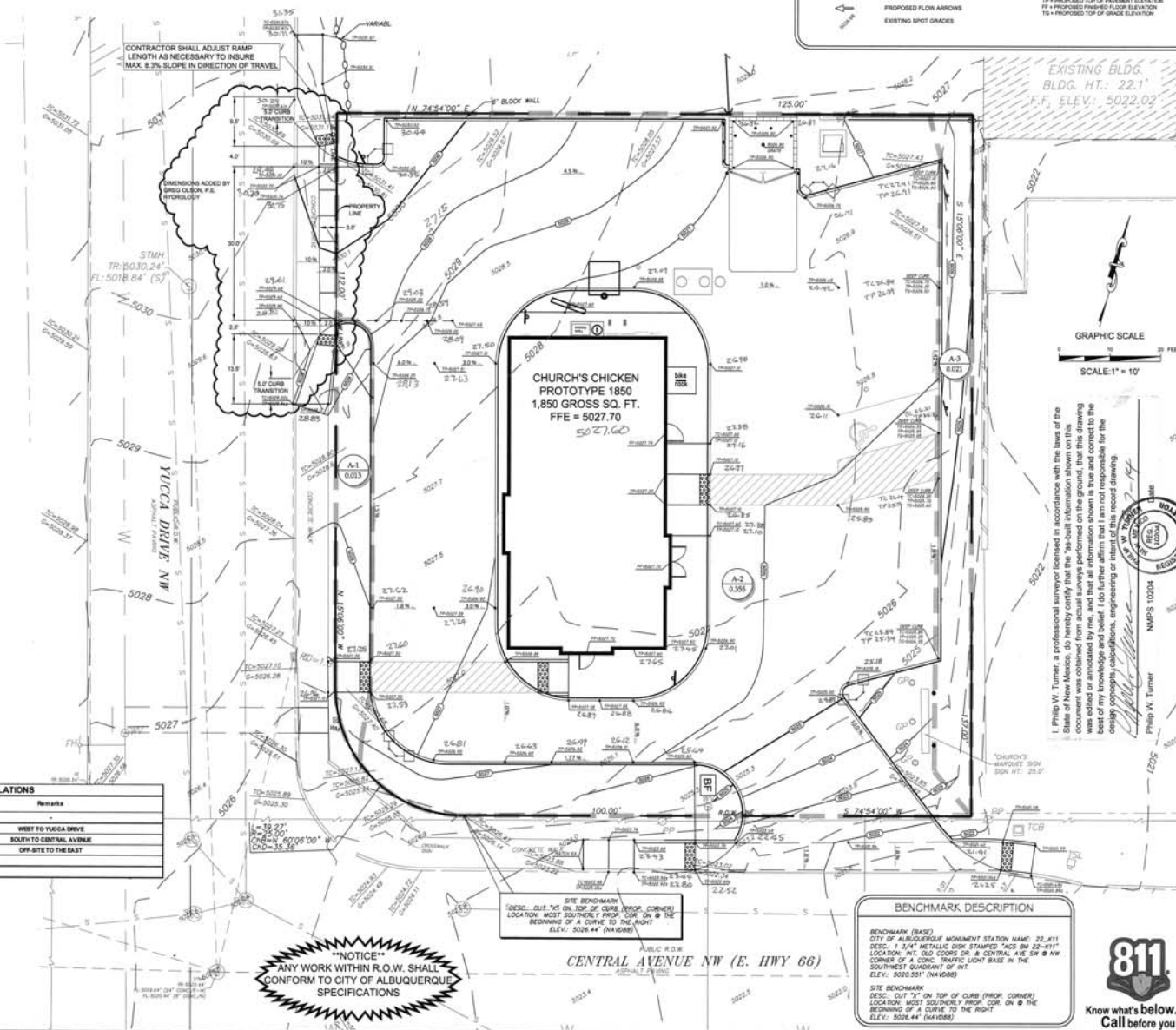
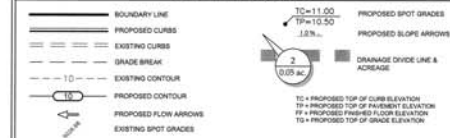
** FEMA NOTE **

Flood Statement: According to Community Panel No. 35001C 0329 H, Dated August 16, 2012, of the Federal Emergency Management Agency, National Flood Insurance Program Map, this property is within flood zone "X", areas determined to be outside the 1% annual chance floodplain. If this site is not within an identified special flood hazard area, this flood statement does not imply that the property and/or the structures thereon will be free from flooding or flood damage. On rare occasions, greater floods can and will occur and flood heights may be increased by man-made or natural causes. This statement shall not create liability on the part of the Surveyor or Engineer.

** NOTICE TO CONTRACTORS - TOPOGRAPHIC SURVEY **

The Contractor shall verify the Date and Engineer if any discrepancies are found between the actual conditions versus the proposed solution to ADA issues which may be required for ADA compliance upon completion of the work. Furthermore, spot elevations of the area in question shall be obtained by the contractor and provided to the engineer for a detailed resolution of the condition. Engineer and owner shall be responsible of problems and/or issues which may result from contractor's failure to verify engineer and owner in a timely manner.

SITE & PAVING LEGEND



**CHURCH'S CHICKEN #695
ALBUQUERQUE, NM**

GRADING & DRAINAGE PLAN



PROJECT NO.: 2012.347
SHEET NO.: C5.1

811
Know what's below.
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