

PROPOSED TOP OF SIDEWALK ELEVATION FINISHED GRADE AT TOP OF WALL FGH83.40

FINISHED GRADE AT BOTTOM OF WALL __ _ 515__ _ EXISTING CONTOUR

_____ **515**____ PROPOSED CONTOUR EXISTING STORM DRAIN

DRAINAGE MANAGEMENT PLAN

INTRODUCTION

The purpose of this submittal is to provide a final grading plan for the subject site located on Tract H-7, Ventana Square near the NEC of Paseo Del Norte Blvd and Universe Blvd in Albuquerque, NM. The overall development contains approximately 1.38 acres. The site was previously undeveloped and is now being developed into a new Dions Restaurant building. The recently approved Drainage Report for the Master Planned Development can be found in Hydrology File B10/D003C3 and was prepared by Thompson Engineering Consultants, Inc.

EXISTING HYDROLOGIC CONDITIONS The site currently drains from northwest to southeast and into an existing drainage pond on the north side of Paseo Del norte Blvd. This pond is being improved by the aforementioned Drainage Report by Thompson Engineering Consultants, Inc.

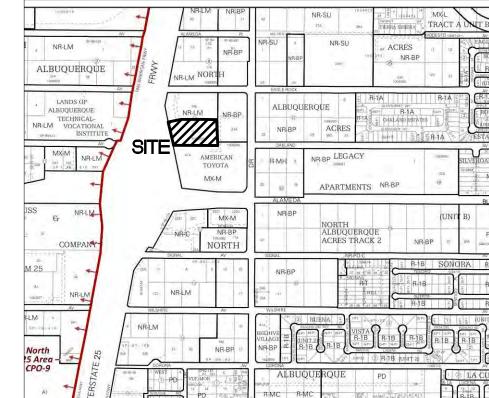
PROPOSED HYDROLOGIC CONDITIONS The proposed Dions Restaurant site will continue to drain from

northwest to southeast and into the improved pond proposed by the Thompson Engineering Consultants, Inc. report. All drainage is via surface flow; however, we are proposing to implement new Stormwater Quality Ponds within the Dions Restaurant property that will not only help to capture pollutants, they will also still the stormwater flows exiting the

This drainage management plan conforms to the approved Drainage Report prepared by Thompson Engineering Consultants, Inc. and with the City of Albuquerque DPM. With this submittal, we are requesting Building Permit approval.

STORMWATER QUALITY POND CALCULATIONS

TOTAL NEW IMPERVIOUS AREAS = 5,337 SF SWQ VOLUME REQ'D = 5,337 * 0.26" / 12 = 116 CFTOTAL VOLUME PROVIDED = 179 CF



VICINITY MAP

LEGAL DESCRIPTION:

Portions of Lots 14-A & 21-A in Block 10, Tract A, Unit B, of North Albuquerque Acres, Bernalillo County, NM.



FIRM MAP 35001C0137H

Per FIRM Map 35001C0137H, dated August 16, 2012, the site is not located in the Floodplain and determined to be outside the 0.2% chance Annual

GRADING NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.

THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION." AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS OR SILT FENCE AT THE PROPERTY LINES AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.

7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.05' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

9. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR PAVEMENT, MEDIANS, AND ISLANDS.

10. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION (IF APPLICABLE) PRIOR TO BEGINNING CONSTRUCTION.

11. THE CONTRACTOR SHALL PROVIDE THE SWPPP DOCUMENT (IF NECESSARY) AND SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.

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