
$$1''=100$$

LINE TABLE		
LINE	LENGTH	BEARING
L1	29.88'	N00°32'40"E
L2	28.30'	N89°25'08"W

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	CHORD BEARING	DELTA
C1	280.90'	1332.40'	140.97'	280.38'	S32°25'39"W	12°04'48"
C2	717.35'	2642.50'	360.89'	715.15'	S46°13'14"W	15°33'14"

- A. COORDINATE WORK WITH SITE PLAN, UTILITY PLAN AND LANDSCAPE PLAN.
- B. ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OF.
- C. ALL SUBGRADE, OVEREXCAVATION, AND FILL SHALL BE PLACED AND / OR COMPACTED PER THE GEOTECHNICAL REPORT AND CITY OF ALBUQUERQUE SPECIFICATIONS.
- D. FINAL GRADES SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF CONCRETE BUILDING PAD, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). FINAL GRADES SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON ELEVATIONS SHOWN MINUS FINISH MATERIAL THICKNESSES.
- E. EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. CONTRACTOR SHALL CONTACT NM-811 FOR UTILITY LINE SPOTS TWO WORKING DAYS PRIOR TO CONDUCTING SITE FIELD WORK. CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. 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.
- F. THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE CITY OF ALBUQUERQUE REQUIRE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AN NPDES PERMIT, AND AN EROSION AND SEDIMENT CONTROL (ESC) PERMIT FOR PROJECTS WHERE CONSTRUCTION ACTIVITIES MEET THE EPA THRESHOLD. (SWPPP, NPDES PERMIT, AND ESC PLAN BY OTHERS.) A CITY-APPROVED ESC PERMIT MUST BE INCLUDED WITH THE CONTRACTOR'S SUBMITTAL FOR A ROUGH GRADING, GRADING, PAVING, BUILDING, OR WORK ORDER PERMIT.
- G. ADJUST RIMS OF EXISTING UTILITY FEATURES AS NECESSARY TO MATCH NEW GRADES, TYPICAL.
- H. ALL FRACTURED FACE ROCK (F.F. ROCK) TO BE 6" AVG. DIA. ANGULAR FACED ROCK PLACED OVER GEOTEX 501 NON-WOVEN GEOTEXTILE (O.E.).
- I. ENGINEER RECOMMENDS THAT OWNER MAINTAIN EROSION PROTECTION ELEMENTS. ENGINEER RECOMMENDS THAT OWNER INSPECT SITE YEARLY AND AFTER EACH RAINFALL TO IDENTIFY NEW AREAS OF EROSION AND INSTALL ADDITIONAL EROSION PROTECTION AS NEEDED BASED ON ACTUAL OCCURRENCES.

LEGAL DESCRIPTION:
PORTION OF TRACT 182, TRACT 183, 184 AND
185-A-1, TOWN OF ATRISCO GRANT AIRPORT
UNIT, CITY OF ALBUQUERQUE, BERNALILLO
COUNTY, NEW MEXICO

SITE AREA: 8.86 ACRES

FLOOD ZONE: PER FEMA MAP 35001C0326H, THE SITE FALLS WITHIN FLOODZONE X DESIGNATED AS AREAS OUTSIDE THE 0.2-PERCENT-ANNUAL-CHANCE FLOODPLAIN

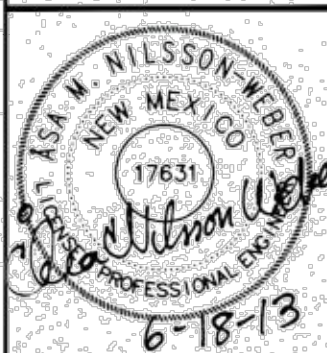
ENGINEER: ÅSA NILSSON-WEBER, P.E.
ISAACSON & ARFMAN, P.A.
128 MONROE ST NE, ABQ. NM 87108
PHONE: (505) 268-8828

SURVEYOR: SURV-TEK CONSULTING SURVEYORS
9384 VALLEY VIEW DRIVE, N.W.
ALBUQUERQUE, NEW MEXICO 87114
PHONE (505) 897-3366

BENCHMARK: VERTICAL DATUM IS BASED UPON THE
ALBUQUERQUE CONTROL SURVEY BENCHMARK
"4-J9" HAVING A PUBLISHED ELEVATION =
5170.718 (NAVD 88)

LORD CONSTRUCTORS, INC.
1920 West Eleventh Street
Upland, California 91786

DESIGN PLANS FOR:
INLAND KENWORTH
7711 FORTUNA ROAD N.W.
ALBUQUERQUE, NM

DRAWING TITLE:
GRADING & DRAINAGE PLAN

Date: 6/18/13

DRAWN By:
DH

Job: KENWORTH

Job No.:

Sheet:

CG-101

of Sheets

DRAINAGE CERTIFICATION

I, Åsa Nilsson-Weber, NMPE 17631, of the firm Isaacson & Arfman, P.A., hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 06/18/2013. The record information edited onto the original design document (Sheets CG-102 & CG-103) has been obtained by Russ Hugg, NMPS 9750, of the firm SurVet, Inc. I further certify that I have personally visited the project site on 07/14/2014 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for permanent certificate of occupancy.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

AREAS OF MODIFICATION BETWEEN APPROVED GRADING & DRAINAGE PLAN AND ACTUAL AS-BUILT

1. Entrance radii increased.
2. Concrete slabs constructed.
3. 6" curb openings not constructed.
4. Median and valley gutter shifted.



Åsa Nilsson-Weber
Åsa Nilsson-Weber, NMPE No. 1763

7-14-14
DATE



ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates

128 Monroe Street N.E.

Albuquerque, New Mexico 87108

Ph. 505-268-8828 www.iacivil.com

1941 CG-101.dwg Jun 19, 2013