

PROJECT BENCHMARK:
SEWER MANHOLE RIM AT
CL LOHMAN AVE.
ELEV=4211.46

DRAINAGE ANALYSIS:

TOTAL LOT AREA 0.83 ACRES (36,147 SF)
IMPERVIOUS AREA - 12,951 SF

REQUIRED PONDING:
12,951 X 2.0/12 = 2,159 CF

PONDING PROVIDED - 3,872 CF

GENERAL NOTES:

1. THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR JOB SAFETY OR COMPLIANCE TO OSHA REGULATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR JOB SAFETY OR COMPLIANCE TO OSHA REGULATIONS.
2. SHOULD CONFLICTING INFORMATION OR INTERFERENCE PROBLEMS APPEAR IN THE CONSTRUCTION DRAWINGS, THE CONTRACTOR SHALL BRING THE INFORMATION TO THE ATTENTION OF THE ENGINEER IMMEDIATELY PRIOR TO INSTALLATION. FAILURE TO DO SO SHALL NOT BE A BASIS OF EXTRA PAYMENT TO THE CONTRACTOR.
3. ANY EXISTING UTILITIES SHOWN IN THESE CONSTRUCTION DRAWINGS ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY TO FIND THE EXACT HORIZONTAL AND VERTICAL LOCATIONS.
4. ALL CONSTRUCTION SHALL MEET THE CURRENT CITY OF LAS CRUCES STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION.
5. CONTRACTOR SHALL REQUEST NEW MEXICO ONE CALL 48 HOURS PRIOR TO COMMENCEMENT OF WORK. THE NMOC NUMBER IS 1-800-321-ALERT. THE CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE OCCURRING TO EXISTING UTILITIES AS A RESULT OF THIS CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED AT HIS EXPENSE.
6. FILL MATERIAL SHALL BE PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 95% OF MODIFIED PROCTOR AT +- 2% OF OPTIMUM MOISTURE. ALL EMBANKMENT MATERIAL SHALL BE COMPACTED TO 95% OF THE MAX. DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
7. AGGREGATE BASE COURSE SHALL COMPLY WITH CITY OF LAS CRUCES STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION, SECTION 210.
8. ALL PLANT MIX BITUMINOUS PAVEMENT SHALL COMPLY WITH CITY OF LAS CRUCES STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION, SECTION 325.
9. ALL CONCRETE UTILIZED FOR CURB AND MISC. STRUCTURES SHALL COMPLY WITH CITY OF LAS CRUCES STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION, SECTION 500, 505.
10. CONTRACTOR IS FULLY RESPONSIBLE FOR ALL CONSTRUCTION SAFETY, AND SHALL COMPLY WITH ALL REQUIREMENTS OF FEDERAL, STATE AND LOCAL AGENCIES.
11. CONTRACTOR SHALL COMPLY WITH ALL NPDES REQUIREMENTS.
12. EXISTING UTILITY SERVICES SHALL BE LOCATED BY CONTRACTOR PRIOR TO CONSTRUCTION.
13. REFER TO GEOTECHNICAL REQUIREMENTS FOR PLACEMENT OF FILL AT BUILDING PAD.
14. CROSS SECTION DETAILS THAT APPLY ARE LOCATED ON DETAIL SHEET CS-103.
15. SLOPE PROTECTION SHALL INCLUDE HEAVY DUTY, NON-WOVEN GEOTEXTILE FABRIC, ANCHORED BY 12"x12" ANCHOR TRENCHES AT TOP AND BOTTOM. EDGES SHALL BE OVERLAPPED A MINIMUM OF 18" AND ANCHORED WITH 6" SPIKES A MINIMUM OF 18" AND ANCHORED WITH 6" SPIKES AT 24" O.C.

LEGEND

- | | |
|----|-------------------------|
| TA | TOP OF ASPHALT PAVEMENT |
| TC | TOP OF CURB |
| FL | FLOW LINE |
| | ROCK WALLS |
| | DRAINAGE FLOW ARROW |
| | EXISTING CONTOUR |
| | FINISHED CONTOUR |

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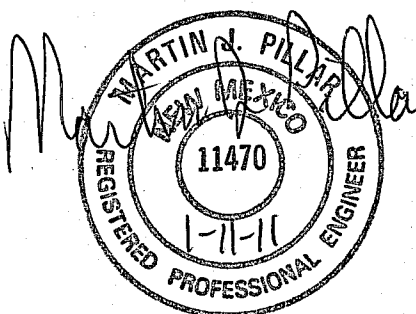
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CONSULTANTS

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Architect Engineer



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DENTAL OFFICE

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LAS CRUCES, NM

MARK	DATE	DESCRIPTION
1-11-11		HANDRAIL REVISIONS

ISSUE: POST PERMIT MARK-UP
PROJECT NO: 0827
CAD DWG FILE:
DRAWN BY:
CHECKED BY:
DATE: 04/12/2010

SHEET TITLE

GRADING SHEET
UPPER FLOOR