

GENERAL NOTES

- 1. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE TO RESOLVE THE CONFLICT WITH A MINIMUM AMOUNT OF DELAY.
- ALL WORK ON THIS PLAN SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- UNDERGROUND FACILITIES. IN PLANNING AND CONDUCTING EXCAVATIONS, THE CONTRACTOR SHALL COMPLY WITH ALL STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- BY CONSTRUCTING TEMPORARY BERMS AND BY WETTING THE SOIL TO KEEP IT FROM BLOWING.
- 5. THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE COMPLETION OF THE WORK PRIOR TO BEGINNING CONSTRUCTION.

GRADING/DRAINAGE PLAN THE FOLLOWING ITEMS CONCERNING JOURNAL CENTER PHASE 2 ARE CONTAINED HEREON: 1. VICINITY MAP 2. DRAINAGE CALCULATIONS

JOURNAL CENTER LOT 10-A BUILDING AREA = 0.1755 ACRES (7,646.310SF) LANDSCAPE AREA = 0.098 ACRES (4,280SF) PARKING/ASPHALT AREA = 0.272 ACRES (11,869SF) = 0.5137ACRES (22,380SF) TOTAL SITE

PRECIPITATION: 360 = 2.35 IN. 1440 = 2.75 IN. 10DA = 3.95 IN.

EXISTING CONDITIONS:		PROPOSED CONDITIONS
TREATMENT A	0.5137 AC.	0 AC.
TREATMENT B	0 AC.	0.178 AC.
TREATMENT C	0 AC.	0 AC.
TREATMENT D	0 AC.	0.422 AC,
EXCESS PRECIPITATION:		PEAK DISCHARGE:
TREATMENT A	0.53 IN.	CFS/AC. 1.56
TREATMENT B	0.78 IN.	CFS/AC. 2.28
TREATMENT C	1.13 IN.	CFS/AC, 3,14
TREATMENT D	2.12 IN.	CFS/AC. 4.07

EXISTING EXCESS PRECIPITATION:

WEIGHTED E = $(0.53 \times 0)+(.78 \times .178)+(1.13 \times 0)+(2.12 \times 4.22) = 1.034 \text{ IN}.$ V100 = 1.04(0.6/12) =.517 AC.FT.

EXISTING DISCHARGE:

WEIGHTED E = 0.6(0.53) = 0.4 CFS V100 = .4(.6/12) = 0.05 AC.FT.

PROPOSED PEAK DISCHARGE

Q100 = 0.178(2.28) + 0 + 4.22(4.7) = 2.39 CFSBENCHMARK:

PROJECT BENCHMARK OF 87.70 LOCATED ON CURB @ SOUTHEAST CORNER OF PROPERTY

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGEMENT OF STORM RUN-OFF DURING CONSTRUCTION, HE/SHE SHALL ASSURE THAT THE FOLLOWING MEASURES ARE TAKEN

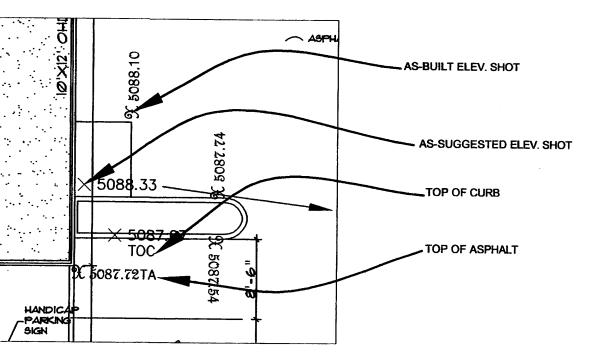
A. ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY BERMS, DIKES, SWALES, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUN-OFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTY.

B. ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUN-OFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS. **EXISTING CONDITIONS**

AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 0.51 ACRES AND IS LOCATED WEST OF BARTLETT ST. N.E. AND NORTH OF RUTLEDGE RD. N.E. THE SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE.

PROPOSED CONDITIONS

43.13% OF PROJECT TO DRAIN DIRECT DISCHARGE SOUTH TO RUTLEDGE RD. AND INTO CITY STORM DRAIN JUST WEST OF PROPERTY LINE ON NORTH SIDE OF RUTLEDGE RD. 56.87% OF PROJECT TO DRAIN INTO EXISTING CONCRETE CHANNEL, WHICH DISCHARGES NORTH, PER DESIGN AND DRAWINGS FROM BOHANNAN HUSTON. PLEASE SEE INSPECTION BY BILL VREEKE AT BOHANNAN HUSTON FOR CLARIFICATION. NO OFFSITE FLOWS



TOPO, SYMBOL LEGEND

DRAINAGE CERT W/ SURVEY WORK BY OTHERS

DRAINAGE CERTIFICATION

1. Harved & BENNIETT. NMPE/10770, OF THE FIRM _, HEREBY CERTIFY THAT THIS PROJECT HAS BEE GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDAL WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 10-19-16THE RECO INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTA BY Res Vacley, NMPS 10-4-66, OF THE FIRM

.. I FURTHER CERTIFY THAT I HAVE PERSONALL VISITED THE PROJECT SITE ON 8-14-07 REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUMITTED IN SUPPORT OF A REQUEST FOR Pemanal Seal

ANY EXCEPTIONS AND/OR QUALIFICATIONS AS LISTED BELOW:

ANY DEFICIENCIES AND/OR REQUIRED CORRECTIONS AS LISTED BELOW:

NIS

SU-1 M-1 PERM

M-1

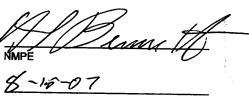
MASTHEAD ST

DRAINAGE ROW

VICINITY MAP (D-17)

NOT TO SCALE

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING A DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADIVSED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



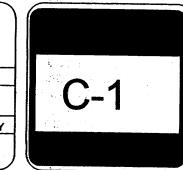
APPROVED BY THE EXECUTIVE COMMITTEE ON 4-9-02

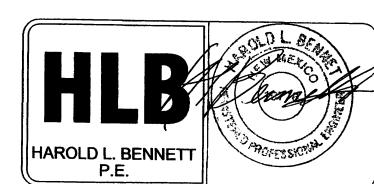
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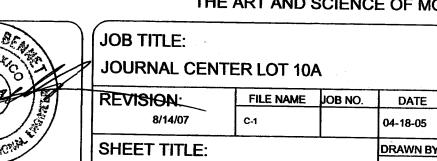


As Built Elevations by:

DESIGN COLLABORATIVE THE ART AND SCIENCE OF MODERN BUILDINGS







GRADING PLAN

