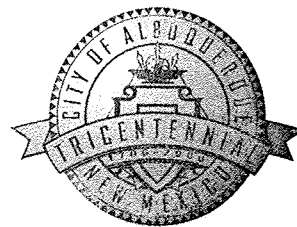


CITY OF ALBUQUERQUE



June 6, 2006

Mr. Eufrazio Sabay, P.E.
C/O BJM DEVELOPMENT CONSULTANT
8624 Casa Verde Avenue NW
Albuquerque, NM 87120

Re: MELLOY DODGE SALES BUILDING
9601 Coors Blvd. NW
Approval of Permanent Certificate of Occupancy (C.O.)
Approved Engineer's Stamp dated 01/25/2006 (B-13/D19)
Certification dated 05/29/2006

Dear Mr. Sabay:

P.O. Box 1293

Based upon the information provided in your submittal received 06/06/2006, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

Albuquerque

If you have any questions, you can contact me at 924-3982.

New Mexico 87103

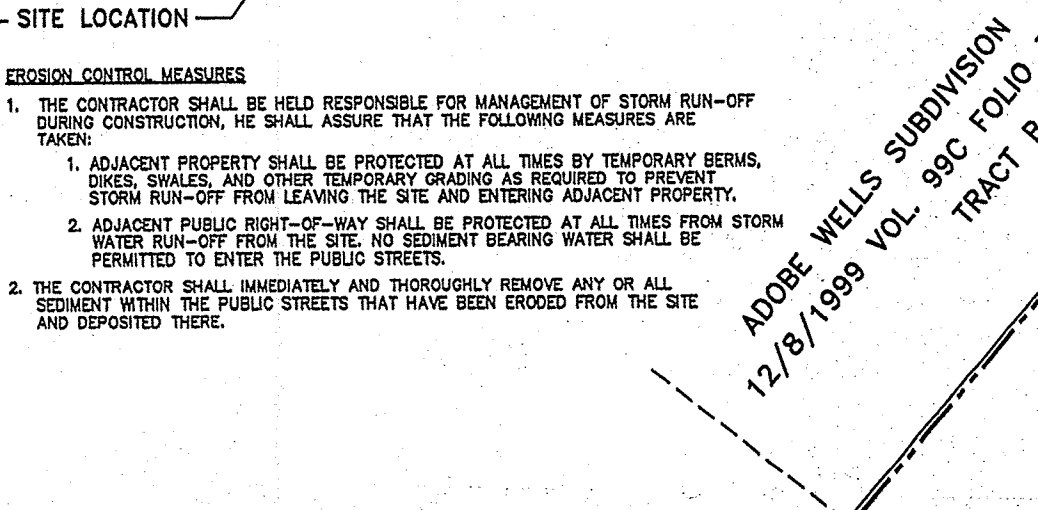
Sincerely,

Arlene V. Portillo

Arlene V. Portillo
Plan Checker, Planning Dept. - Hydrology
Development and Building Services

www.cabq.gov

C: CO Clerk
Bernie Montoya
File



A portion of Section 7, Township 11 North, Range 3 East, New Mexico Principal Meridian, Albuquerque, Bernalillo County, New Mexico.

FOR ALL PHASES

POND VOLUMES			
CONTOUR	AREA SQ.FT.	DEPTH FT.	VOLUME CU.FT.
5045	28,231		
5044	6,117	1.00	17,174
5043.75	5	0.25	765.25
TOTAL			17,939.25
POND VOLUME REQUIRED			17,029.32 CF

JOB NO:		XXXXXXXX
DATE:		JANUARY 2006
REVISIONS		
		1/24/2006

Sheet	Title	Drawn By:	HTH/BJM	Checked By:	E.S.
	GRADING & PAVING PLAN				

Project Name

MELLOY DODGE PARKING LOT

9601 COORS BOULEVARD N.W.

ALBUQUERQUE, NEW MEXICO

SHEET NO.

GD

THE FOLLOWING ITEMS CONCERNING MELLOD DODGE NEW AND USED
CAR LOT @ 9601 COORS BOULEVARD N.W. (APORTION OF SECTION 7,
TOWNSHIP 11 NORTH, RANGE 3 EAST)

AS SHOWN BY THE VICINITY MAP, THE SITE IS LOCATED ON THE WEST SIDE OF COORS BOULEVARD N.W., JUST SOUTH OF WESTSIDE DRIVE N.W. THE SITE IS PRESENTLY BEING USED AS A CAR DEALERSHIP OWNED BY MELLOD DODGE CORPORATION. THE SITE CONSISTS OF AN EXISTING 64,000 S.F. BUILDING ALONG WITH A RECREATION AREA WITH TREES AND LANDSCAPED AREAS. THE PORTION OF PROPERTY TO THE NORTH AND ALONG THE NORTH PROPERTY LINE IS USED BY EPA FOR CONTAMINATION MONITORING POND. THIS POND AREA IS BEING REDEVELOPED IN THREE PHASES. THE POND AREA TO THE EAST OF THE DEVELOPMENT (THREE PHASES). THE AREA TO THE EAST OF THE BUILDING DRAINS TO THE SOUTHEAST AND EAST INTO THE EXISTING BAR DITCH LOCATED ON COORS BLVD. N.W. THE AREA NORTH AND PORTION TO THE EAST OF THE BUILDING DRAINS INTO AN EXISTING RUNDOWN AND INTO AN EXISTING 6" PVC PIPE WHICH INTURN IS TIED TO THE EXISTING CURB INLET ON WESTSIDE DRIVE N.W. THERE ARE NO OFF-SITE FLOWS ENTERING THE SITE FROM ANY DIRECTION. THE EXISTING TOPOGRAPHY SLOPES FROM NORTHWEST TO SOUTHEAST.

AS SHOWN BY THE GRADING/PAVING PLAN THE PROPOSED IMPROVEMENTS WILL CONSIST OF GRADING AND PAVING THE EXISTING EPA PONDING LOCATED NORTH OF THE BUILDING. THIS AREA WILL BE USED FOR OVERFLOW PARKING FOR NEW AND USED VEHICLES. THE EXISTING CONCRETE ROUNDOWN AND EXISTING 6" PVC PIPE WILL BE USED FOR THE PROPOSED PONDING. A HYDROGRAPH HAS BEEN OBTAINED AND IS INCLUDED IN THE PLAN DRAWING IDENTIFYING THE RELEASE RATE FOR THE 6" PVC AND THE REQUIRED PONDING. THE PROPOSED POND HAS BEEN DESIGNED FOR THE REQUIRED PONDING PLUS FREEBOARD. THE CALCULATED STORAGE WHICH WILL BE REQUIRED FOR THE PROPOSED AND PROPOSED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT, THE PROCEDURE FOR 40 ACRES AND SMALLER BASINS, AS SET FORTH IN THE NATIONAL SANITATION FOUNDATION (NSF) MANUAL HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME OF RUN-OFF GENERATED.

PRECIPITATION: 360 = 2.20 in.
1440 = 2.66 in.
10day = 3.67 in.

TREATMENT A	0.44 in.	1.29 cfs/ac.
TREATMENT B	0.67 in.	2.03 cfs/ac.
TREATMENT C	0.99 in.	2.87 cfs/ac.
TREATMENT D	1.97 in.	4.37 cfs/ac.

TREATMENT A	0 ac.	0 ac.
TREATMENT B	0 ac.	0.15 ac.
TREATMENT C	2.42 ac.	0.1706 ac.
TREATMENT D	0.68 ac.	2.77 ac.

$$\text{Weighted E} = (0.44) \times (0.00) + (0.67) \times (0.00) + (0.99) \times (2.42) + (1.97) \times (0.68) / 3.10 \text{ ac.}$$

EXISTING PEAK DISCHARGE:

PROPOSED EXCESS PRECIPITATION:

$$V100-360 = (1.85 \times 3.10) / 12.0 = 0.477191 \text{ ac-ft} = 20786 \text{ CF}$$
$$V100-10\text{day} = (0.48) + (2.77) \times (3.67 - 2.20) / 12 = 0.816516 \quad \text{ac-ft} = 35567 \text{ CF}$$
$$Q100 = (1.29 \times 0.00) + (2.03 \times 0.15) + (2.87 \times 0.17) + (4.37 \times 2.77) = 12.59 \text{ CF}$$

I, EUGRACIO SEBAY NMPE # 6790, HEREBY CERTIFY THAT THE PROJECT HAS BEEN GRADED AND WILL DRAIN IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 01/25/08. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR RELEASE OF CERTIFICATE OCCUPANCY.

AS-BUILT DESIGNATION TC 43.72
~~FL 43.33~~

OR
43.50 ✓

LEGEND

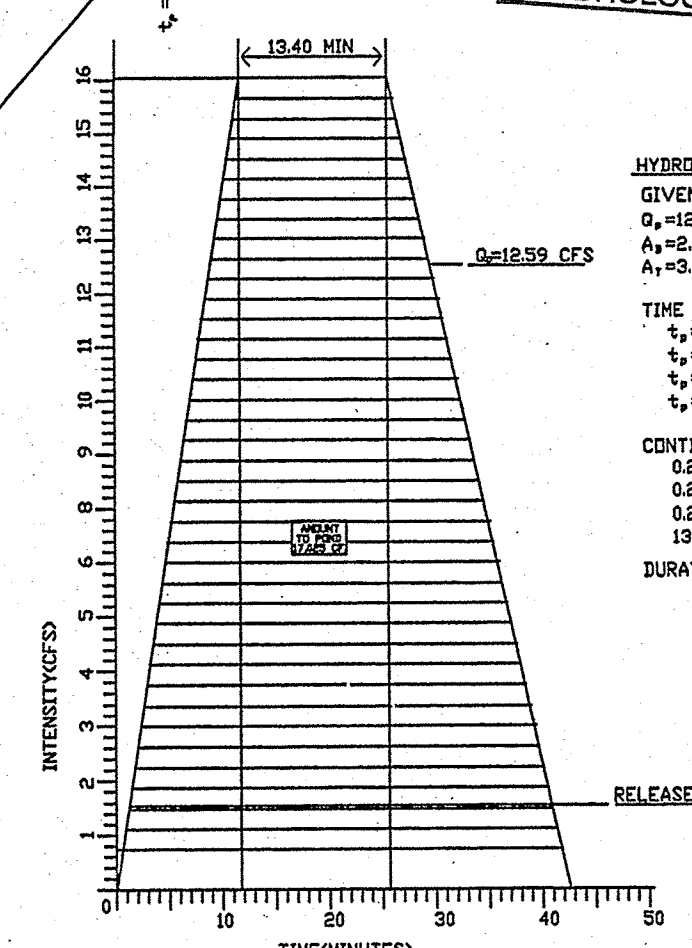
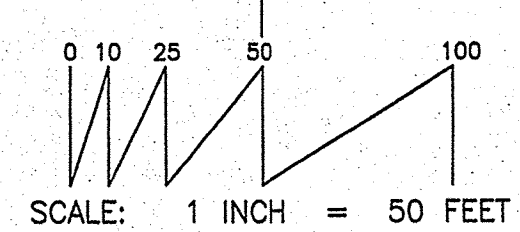
○-LP LIGHT POLE
 FENCE
 ■ GRADE BREAK
 SPOT ELEVATION
 UNLESS OTHERWISE INDICATED,
 ELEVATIONS ARE TO NATURAL GROUND
 TC TOP OF CURB
 TA TOP OF ASPHALT
 FL FLOWLINE
 INV PIPE INVERT AT INLET/OUTLET

EXISTING CONTOURS @ 1 FT. INTERVALS
INDEX CONTOURS @ 5 FT. INTERVALS

—(46)— PROPOSED CONTOUR
PROPERTY LINE

TRACT C, SUMMARY PLAT OF TRACT "N", PARADISE HILLS INDUSTRIAL
PARK, AND A PORTION OF TRACT 2 OF EAGLE RANCH AND A PORTION
OF A 100' PNM EASEMENT
11/25/1981
VOL. C19, FOLIO 32
SPOT ELEVATION
UNLESS OTHERWISE INDICATED, SPOT
+89.10

GRADING/ DRAINAGE PLAN



GIVEN
 $Q_p = 12.59$ CFS $E = 1.85$ IN
 $A_p = 2.95$ AC $t_c = 0.2$ HRS
 $A_T = 3.10$ AC

TIME TO PEAK
 $t_p = (0.7)(0.2) + 1.6 - A_2/A_1 / 12$
 $t_p = (0.7)(0.2) + 1.6 - (3.56 / 3.73)$
 $t_p = (0.1938)(60)$
 $t_p = 11.93 \text{ MIN}$

CONTINUE THE PEAK CALCULATION
 $0.25 \times A_1 / A_2$
 $0.25 \times 3.56 / 3.73$
 $0.2386(60)$

13.40 MIN
DURATION OF PEAK
2.107*E+4 /Q
2.107*1.93
41.65 MIN

RELEASED IN 157 CFS