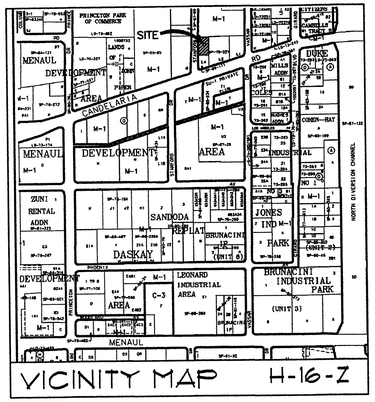
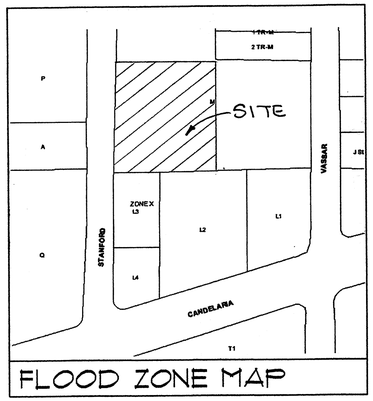


VICINITY MAP H-16-Z



FLOOD ZONE MAP

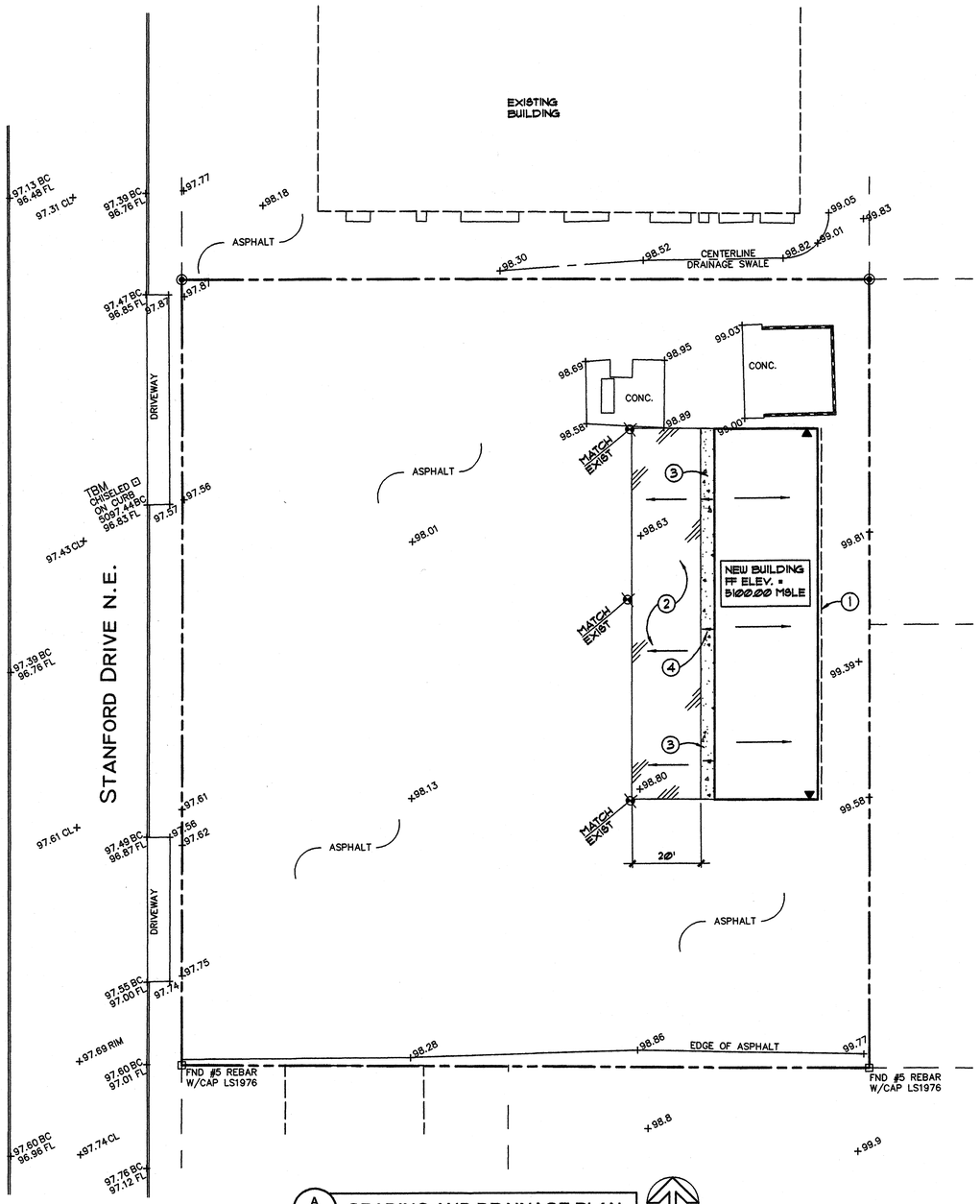
HYDROLOGY CALCULATIONS

ALBUQUERQUE NM DPM (JANUARY, 1993) CRITERIA - SIMPLE PROCEDURE
PRECIPITATION ZONE 2 - PER DPM 22.2
100 - YR DESIGN STORM (P) DEPTH (IN)

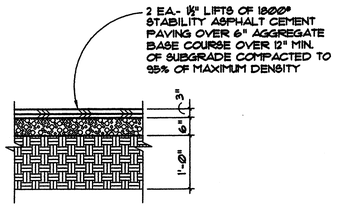
1 HR	6 HR	24 HR	4 DAY	10 DAY
2.01	2.35	2.75	3.30	3.95

EXISTING AND PROPOSED CONDITIONS

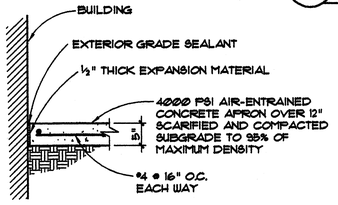
TREATMENT CLASS	TRTMT %	AREA (AC)	F6 (IN/AC)	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4day (CF)	V10day (CF)
A	0	0.00	0.53	1.56	0.00	0	0	0	0
B	0	0.00	0.78	2.28	0.00	0	0	0	0
C	0	0.00	1.13	3.14	0.00	0	0	0	0
D	100	1.05	2.12	4.10	4.94	8,080	9,603	11,101	14,179
TOTAL	100	1.05			4.94	8,080	9,603	11,101	14,179



A C-101 GRADING AND DRAINAGE PLAN
1" = 20'-0"



1 C-101 TYPICAL PAVING SECTION
3/4"=1'-0"



2 C-101 SECTION CONCRETE APRON
3/4"=1'-0"

LEGEND

+98.95	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
FG	FINISHED GRADE
FF	FINISHED FLOOR
TA	TOP OF ASPHALT
TC	TOP OF CONCRETE
FL	FLOW LINE
	FLOW DIRECTION
	NEW CONCRETE PAVING
	NEW ASPHALT PAVING
	NEW BUILDING
	DOWNSPOUT LOCATION

KEYED NOTES

1. CONTINUOUS GUTTER AT BUILDING EAVE DIRECTING RUNOFF TO DOWNSPOUTS ON NORTH AND SOUTH ENDS OF BUILDING
2. REMOVE AND REPLACE EXISTING ASPHALT PAVING PER DETAIL 1/C-101
3. 4000 PSI, AIR-ENTRAINED CONCRETE APRON PER DETAIL 2/C-101
4. PROVIDE 2% SLOPE ON CONCRETE APRON SURFACE

LEGAL DESCRIPTION

THE SOUTHERLY TWO HUNDRED THIRTY FEET (230') OF THE WEST HALF OF TRACT LETTERED "M" OF COLES INDUSTRIAL SUBDIVISION NO. 2, ALBUQUERQUE, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON FEBRUARY 4, 1959.

PROJECT BENCHMARK

ACS BENCHMARK 11-H16, THE PUBLISHED ELEVATION OF WHICH IS 5097.88. BENCHMARK IS LOCATED IN WEST-NORTHWEST QUADRANT OF THE INTERSECTION ON CANDELARIA ROAD NE AND STANFORD DRIVE NE.

DESIGN NARRATIVE

THIS PROJECT IS THE ADDITION OF A 3240 SF BUILDING TO THE FACILITY, PLACED ON A CURRENTLY PAVED LOT. THE 1.05 ACRE SITE SLOPES TOWARD AND DIRECTS STORM RUNOFF TO STANFORD DR. NE. THE NEW ROOF AND CONCRETE PAVED SURFACE CONSTRUCTED DURING THIS PROJECT WILL REPLACE EXISTING IMPERVIOUS SURFACE AND THEREFORE WILL NOT CHANGE THE CURRENT HYDROLOGIC CONDITIONS OF THE PROPERTY, NO OFFSITE RUNOFF DRAINS THROUGH THIS PROPERTY, NOR DOES THE PROPERTY DIRECT ANY SIGNIFICANT STORM RUNOFF TO ADJACENT PROPERTY. STORM DRAIN FACILITIES IN STANFORD DRIVE CONVEY RUNOFF FROM THIS SITE TO DOWNSTREAM FACILITIES IN CANDELARIA WESTWARD. THE SITE IS NOT IN A FLOOD PLAIN.

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ARCHITECT

ENGINEER
MIKE J. WALLA NEW MEXICO 14838 REGISTERED PROFESSIONAL ENGINEER

	11-9-05	PERMIT

FRANK'S SUPPLY MAINTENANCE BUILDING

ALBUQUERQUE, NM

SHEET TITLE

GRADING AND DRAINAGE PLAN

RECEIVED
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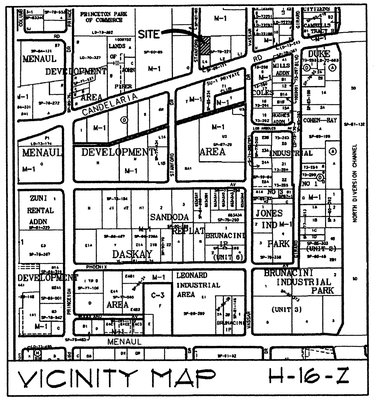
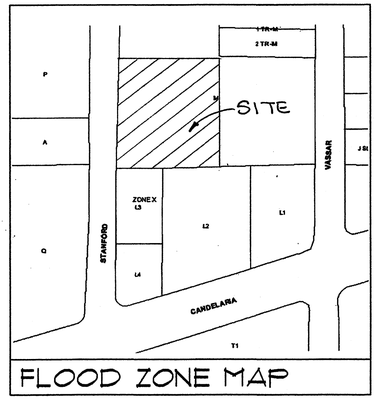
HYDROLOGY SECTION

C-101



VICINITY MAP H-16-Z



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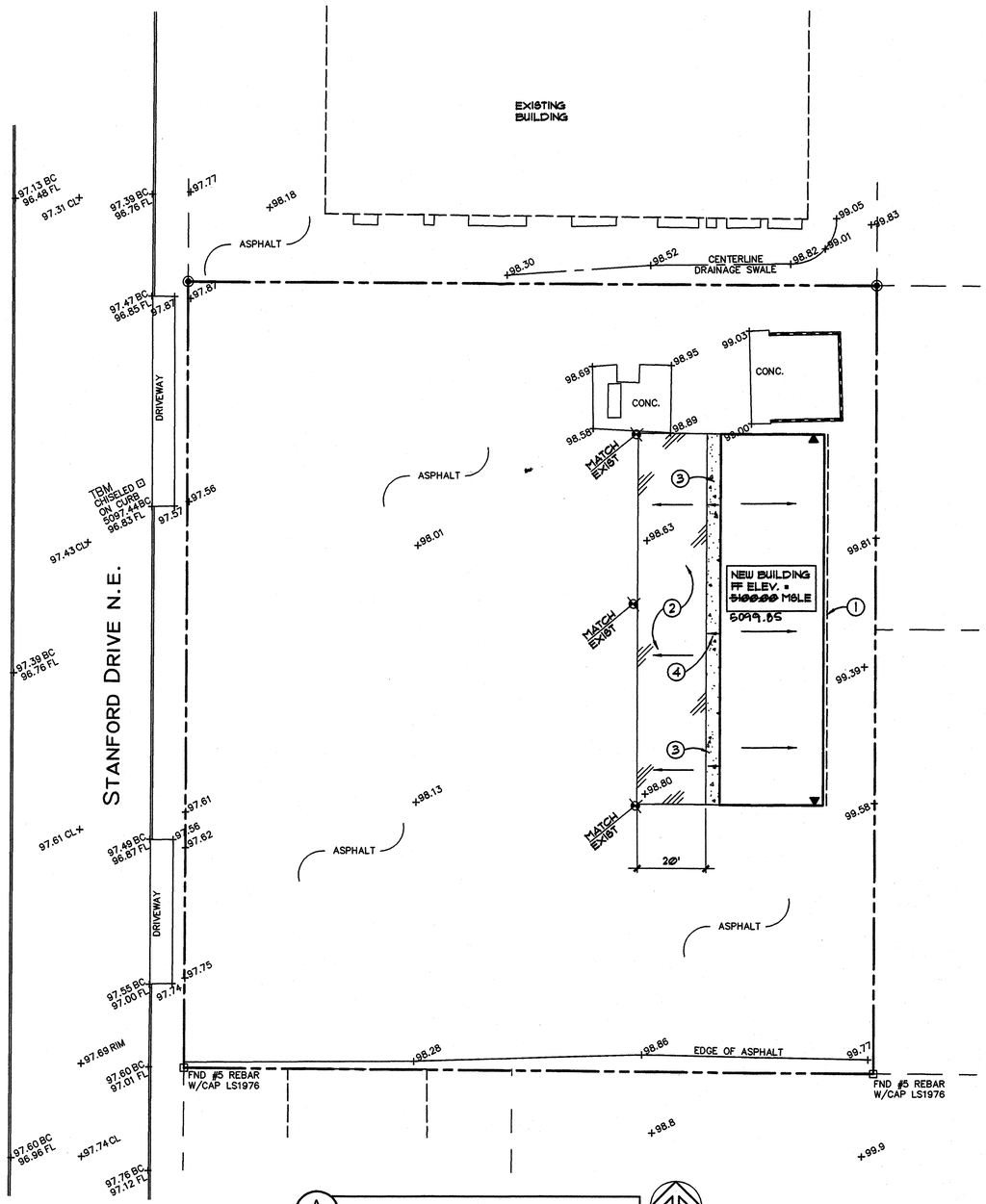
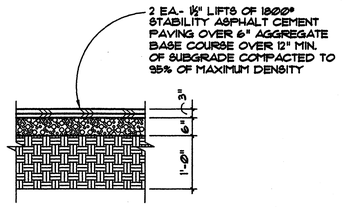


A C-101 GRADING AND DRAINAGE PLAN
1" = 20'-0"

NORTH



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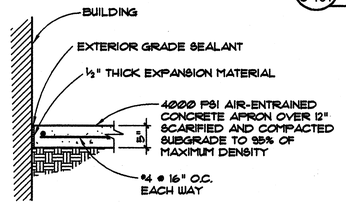

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LEGEND

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	PROPOSED SPOT ELEVATION
FG	FINISHED GRADE
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TA	TOP OF ASPHALT
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ENGINEER'S CERTIFICATION

I, MIKE WALLA NMPE 11030, OF THE FIRM WALLA ENGINEERING LTD., 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 11-3-05. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY WALLA ENGINEERING. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 3-15-06 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 CERTIFICATION 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 THE PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

MIKE WALLA NMPE 11030
DATE 3/20/06

MIKE J. WALLA NEW MEXICO 11030 REGISTERED PROFESSIONAL ENGINEER
3/20/06

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ARCHITECT ENGINEER

	11-9-05	PERMIT

FRANK'S SUPPLY MAINTENANCE BUILDING

ALBUQUERQUE, NM

SHEET TITLE

GRADING AND DRAINAGE PLAN

C-101