

Martin J. Chávez, Mayor

Jeff Mortensen
Jeff Mortensen & Assoc.
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

**RE: EUGENE FIELD ELEMENTARY SCHOOL (K14-D41). GRADING AND DRAINAGE
PLANS FOR PAVING PERMIT APPROVAL. ENGINEER'S STAMP DATED JUNE
18, 1996.**

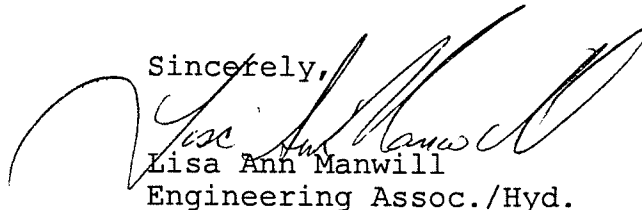
Dear Jeff:

Based on the information provided on your June 20, 1996 submittal, the above referenced project is approved for Paving Permit.

I spoke with Graeme Means of your office and he explained that the only work being done was in basins two and four. Your narrative clearly explains this. However, sheet two of six is misleading. In the future, bubble only proposed construction. Cross out or erase confusing information (ie: outdated legends and bubbles, existing contours, and obsolete notes).

If I can be of further assistance, please feel free to contact me at 768-3622.

Sincerely,



Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia
File

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

951841

PROJECT TITLE: EUGENE FIELD ELEMENTARY ZONE ATLAS/DRNG. FILE #: K14/1041

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TR. A, EUGENE FIELD ELEM. SCHOOLCITY ADDRESS: 700 EDITH SEENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: JEFF MORTENSENADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250OWNER: APS / DFPC CONTACT: ANDRE LARROQUEADDRESS: _____ PHONE: 242-5865ARCHITECT: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSENADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250CONTRACTOR: UNIVERSAL CONSTRUCTORS CONTACT: PAUL FISHERADDRESS: _____ PHONE: 884-0400

TYPE OF SUBMITTAL:

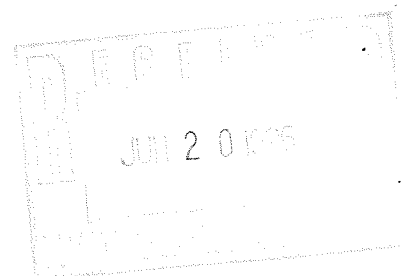
- ☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER

PRE-DESIGN MEETING:

- ☐ YES
☒ NO
☐ COPY PROVIDED

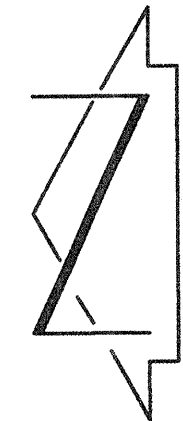
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D. APPROVAL
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☒ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 06/19/96BY: JEFFREY G. MORTENSEN

LEGEND

4985
 + 91.25
 TC
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 NG
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 + 91.25
 PROPOSED SPOT ELEVATION
 PROPOSED CONCRETE
 PROPOSED ASPHALT

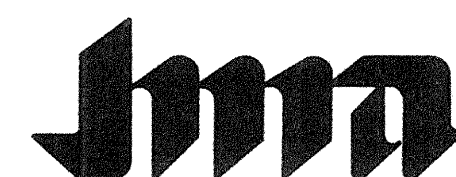
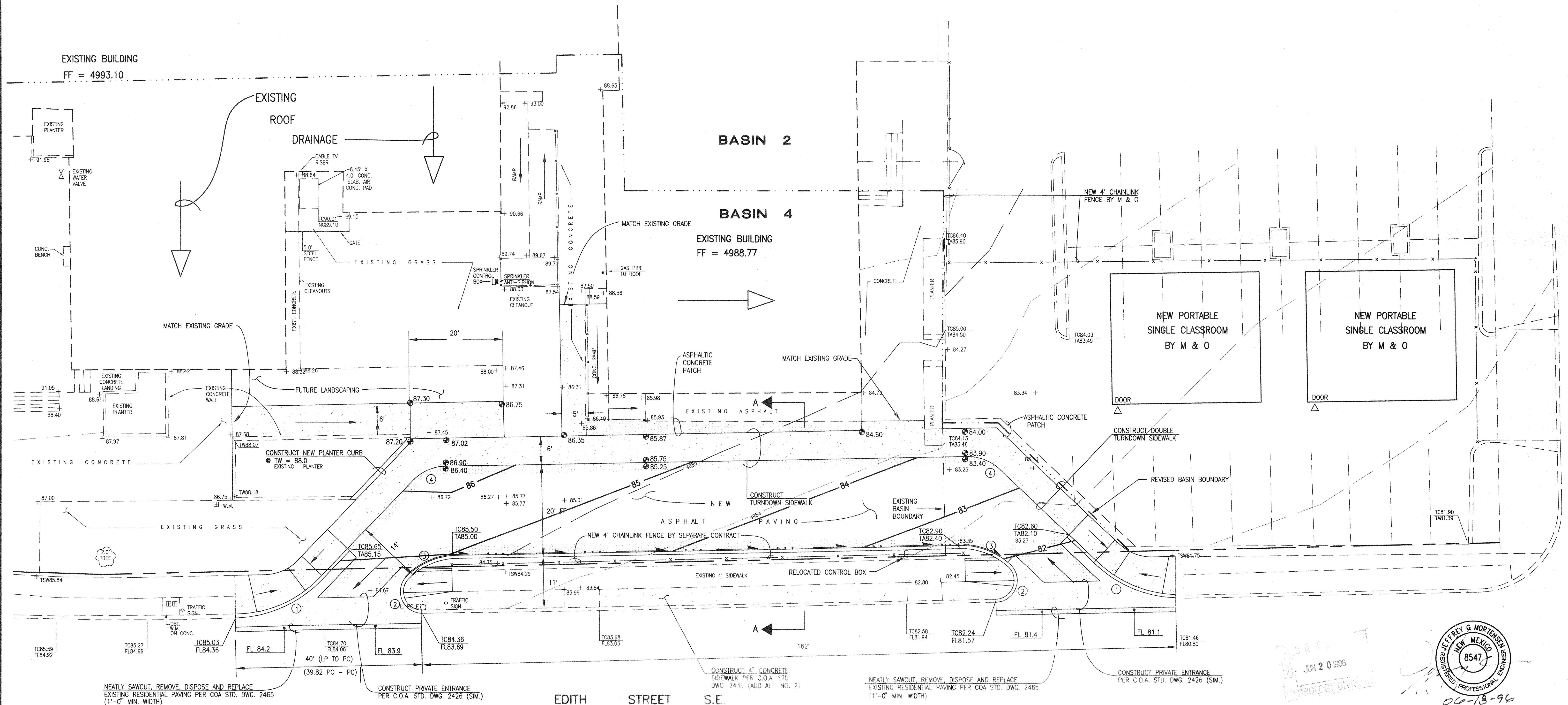


SCALE: 1" = 10'



CURVE TABLE

Curve No.	Δ	R	L	T
1	45°00'00"	25.00'	19.63	10.36
2	120°00'00"	4.00'	8.38	6.93
3	60°00'00"	10.00'	10.47	5.77
4	45°00'00"	10.00'	7.85	4.14

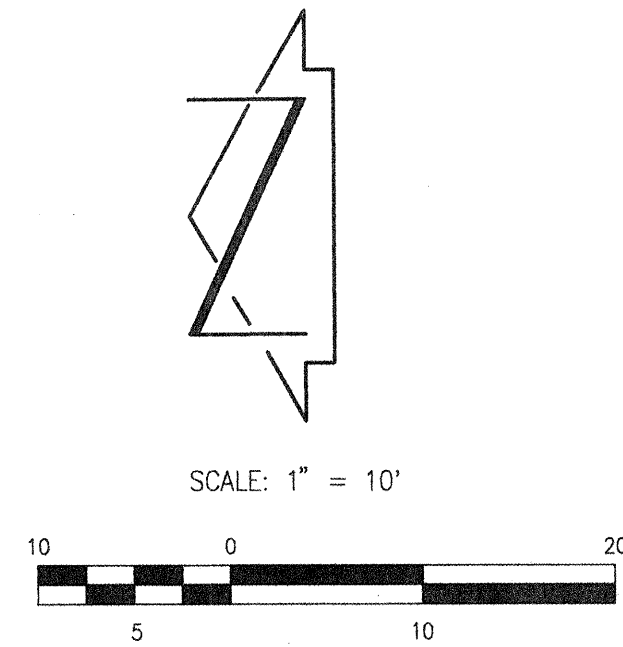


JEFF MORTESEN & ASSOCIATES, INC.
 6000-B MIDWAY PARK BLVD. NE
 ALBUQUERQUE, NEW MEXICO 87109
 ENGINEERS SURVEYORS (505) 345-4250

PAVING AND GRADING PLAN EUGENE FIELD ELEMENTARY SCHOOL

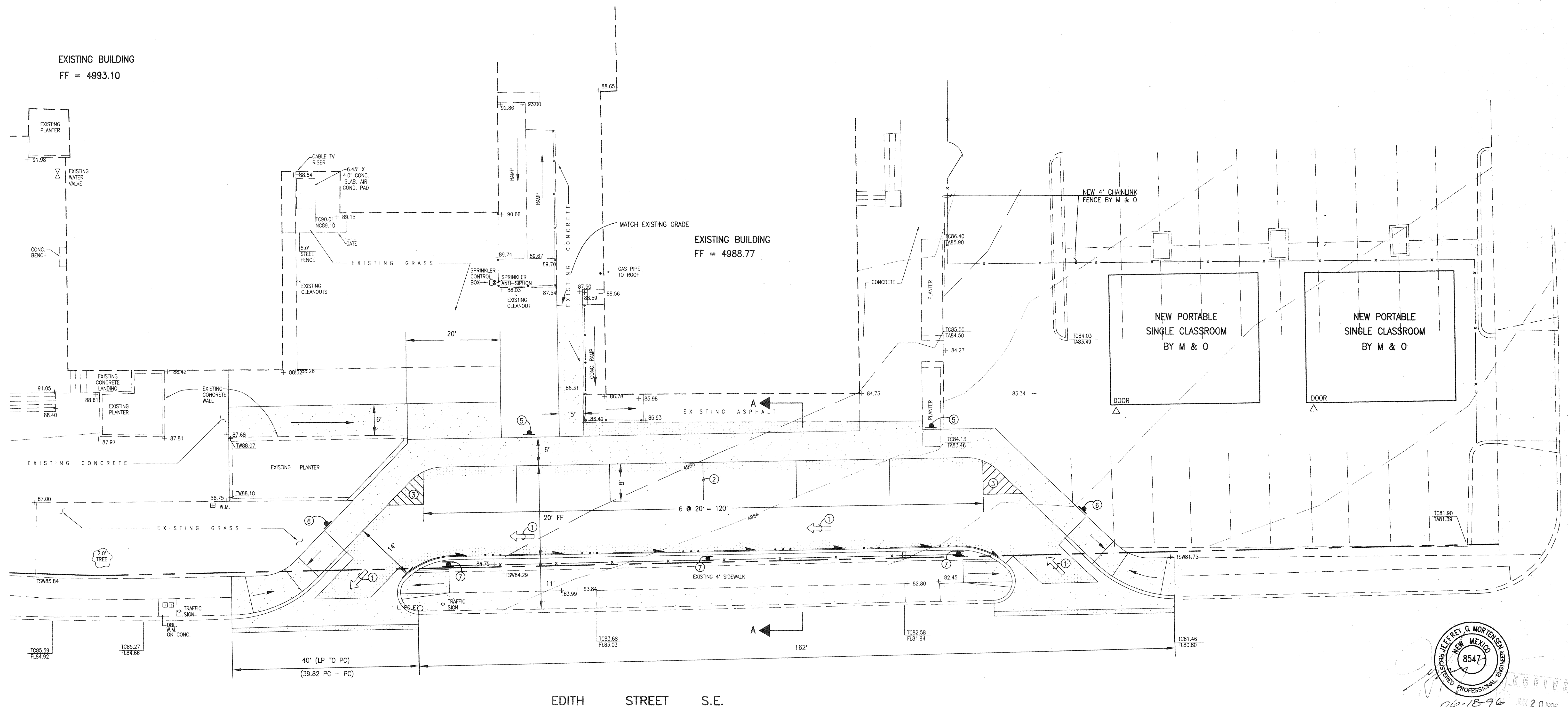
NO.	DATE	BY	REVISIONS	JOB NO.
1	6/96	JH		951841
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<p> 1985 + 91.25 TC TA TSW FL NG -85 91.25 </p>	<p> EXISTING CONTOUR EXISTING SPOT ELEVATION TOP OF CURB TOP OF ASPHALT TOP OF SIDEWALK FLOW LINE NATURAL GROUND PROPOSED CONTOUR PROPOSED SPOT ELEVATION PROPOSED CONCRETE PROPOSED ASPHALT </p>
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- ### KEYED NOTES
- ① PAINT ONE-WAY DIRECTIONAL ARROW.
 - ② PAINT 4" WIDE WHITE LINES TO DELINEATE 8' X 20' PARKING SPACE, TYP.
 - ③ PAINT WHITE CROSSHATCH TO DELINEATE "NO PARKING".
 - ④ PAINT CURB "RED" WITH "NO PARKING" STENCILED IN "WHITE" LETTERS AT 10' O.C.
 - ⑤ INSTALL "15 MINUTE PARKING" (R7-5) SIGN.
 - ⑥ INSTALL "ONE WAY" SIGN (R6-2 LEFT).
 - ⑦ INSTALL DOUBLE FACED "ONE WAY" SIGN (R6-1) POINTING NORTH.

EXISTING BUILDING
FF = 4993.10



06-18-96 JUN 20 1996



JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250

STRIPING AND SIGNAGE PLAN
EUGENE FIELD ELEMENTARY SCHOOL

DESIGNED BY <u>J.G.M.</u>	NO.	DATE	BY	REVISONS	JOB NO.
					951841
DRAWN BY <u>C.J.H.</u>					DATE
					6/96
APPROVED BY <u>J.G.M.</u>					SHEET
					6 OF 6



VICINITY MAP
SCALE: 1" = 750'

LEGAL DESCRIPTION:

TRACT A, EUGENE FIELD SCHOOL

PROJECT BENCHMARK:

B.M. #14-K14: A SQUARE " " CHISELED ON TOP OF CONCRETE CURB AT THE N.W. CURB RETURN AT THE INTERSECTION OF BROADWAY BLVD. N.E. AND HAZELDINE AVE. S.E.

T.B.M.:

A "4" CUT 13.70' EAST OF N.E. PROPERTY CORNER AS SHOWN ON THE DRAWING. ELEVATION = 4996.24 FEET (M.S.L.D.).

DRAINAGE PLAN

The following items concerning the Eugene Field Elementary School Drainage Plan are contained herewith:

1. Vicinity Map
2. Demolition Plan
3. Grading and Paving Plan
4. Sections and Details
5. Calculations

As shown by the Vicinity Map, the site is bounded by Hazeldine Avenue S.E. on the north, Walter Street S.E. on the east, Santa Fe Avenue S.E. on the south, and Edith Street S.E. on the west. The proposed improvements to the site are located at the southwest corner, placing the project at the northeast corner of the intersection of Edith Street S.E. and Santa Fe Avenue S.E. The Composite Grading and Drainage Plan indicates the general location of the proposed improvements relative to the remainder of the site. The Composite Grading and Drainage Plan further identifies four drainage basins within the site which were identified by previous submittal prepared by this office. The proposed improvements to the site will affect only Basins 2 and 4.

As shown by Panel 28 of 50 National Flood Insurance Program Flood Insurance Rate Maps published by F.E.M.A. for the City of Albuquerque, New Mexico dated October 14, 1983, this site does not lie within a designated flood hazard zone. The surrounding area is currently developed, making this a modification to an existing site within an infill area. The proposed improvements are negligible from a hydrologic standpoint, hence the continued free discharge of runoff from this site is appropriate.

As shown by the Demolition Plan, the proposed construction will remove existing impervious areas and will also encompass several areas which are currently Land Treatment "C". Minimal disruption to the existing landscaping is proposed.

The Grading Plan shows: 1) existing and proposed grades indicated by spot elevations and contours at 10' intervals, 2) the limit and character of the existing improvements, 3) the limit and character of the proposed improvements, and 4) continuity between existing and proposed grades. This plan further indicates a minor shift in the basin boundary between Basins 2 and 4. Basin 2 will get slightly smaller, while Basin 4 will get slightly larger. At present, Basin 2 discharges to Santa Fe Avenue S.E., as more clearly shown on the Composite Plan. This pattern of runoff will be maintained. Basin 4 presently drains to Edith Street S.E. Runoff generated within the affected portion of this basin will be intercepted by the new drop-off/pick-up lane and discharged via private entrances to Edith Street S.E. The existing drainage patterns of each basin will not be adversely impacted. ?

The Calculations which appear hereon analyze both the existing and developed drainage conditions for the 100-year, 6-hour rainfall event. The Procedure for 40-acre and Smaller Basins, as set forth in the Revision of Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, dated January, 1993, has been used to quantify the peak rate of discharge and volume of runoff generated. As shown by these calculations, the runoff generated by each basin will experience a slight decrease. These decreases are considered negligible. In closing, this plan represents an update to the previously approved Comprehensive Plan prepared by this office for the Eugene Field Elementary School site.

CALCULATIONS

Site Characteristics

1. Precipitation Zone = 2
2. $P_{6,100} = P_{360} = 2.35$ in.
3. Total Area (A_T) = 112,820 sq. ft. 2.59 ac.
4. Existing Land Treatment

Basin 2 Treatment	78,260/1.81	
Area (sf/ac)	23,100/0.53	%
B	4,170/0.10	29
C	51,340/1.18	5
D		66

Basin 4 Treatment	34,200/0.78	
Area (sf/ac)	2,250/0.05	%
B	7,520/0.17	6
C	24,430/0.56	22
D		72

5. Developed Land Treatment

Basin 2 Treatment	77,890/1.79	
Area (sf/ac)	23,110/0.53	%
B	4,170/0.10	30
C	50,610/1.16	6
D		64

Basin 4 Treatment	34,930/0.80	
Area (sf/ac)	2,000/0.05	%
B	5,820/0.13	6
C	27,310/0.62	16
D		78

Existing Condition

1. Volume

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

$$E_W = (0.78)(0.53) + (1.13)(0.10) + (2.12)(1.18) / 1.81 = 1.67"$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (1.67 / 12) 1.81 = 0.25 \text{ ac.ft.}; 10,900 \text{ cf}$$

2. Peak Discharge

$$Q_p = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_p = Q_{100} = (2.28)(0.53) + (3.14)(0.10) + (4.70)(1.18) = 7.1 \text{ cfs}$$

Basin 4

1. Volume

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

$$E_W = (0.78)(0.05) + (1.13)(0.17) + (2.12)(0.56) / 0.78 = 1.82"$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (1.82 / 12) 0.78 = 0.12 \text{ ac.ft.}; 5,150 \text{ cf}$$

2. Peak Discharge

$$Q_p = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_p = Q_{100} = (2.28)(0.05) + (3.14)(0.17) + (4.70)(0.56) = 3.3 \text{ cfs}$$

Developed Condition

1. Volume

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

$$E_W = (0.78)(0.53) + (1.13)(0.10) + (2.12)(1.16) / 1.79 = 1.67"$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (1.67 / 12) 1.78 = 0.25 \text{ ac.ft.}; 10,900 \text{ cf}$$

2. Peak Discharge

$$Q_p = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_p = Q_{100} = (2.28)(0.53) + (3.14)(0.10) + (4.70)(1.16) = 7.0 \text{ cfs}$$

Basin 4

1. Volume

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

$$E_W = (0.78)(0.05) + (1.13)(0.13) + (2.12)(0.62) / 0.80 = 1.88"$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (1.88 / 12) 0.80 = 0.13 \text{ ac.ft.}; 5,660 \text{ cf}$$

2. Peak Discharge

$$Q_p = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_p = Q_{100} = (2.28)(0.05) + (3.14)(0.13) + (4.70)(0.62) = 3.4 \text{ cfs}$$

Comparison

Basin 2

1. $\Delta V_{100} = \text{No Change}$
2. $\Delta Q_{100} = 7.1 - 7.0 = 0.1 \text{ cfs (decrease)}$

Basin 4

1. $\Delta V_{100} = 5,660 - 5,150 = 510 \text{ cf; } 0.01 \text{ ac.ft. (increase)}$
2. $\Delta Q_{100} = 3.4 - 3.3 = 0.1 \text{ cfs (increase)}$

CONSTRUCTION NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1987, PUBLISHED BY THE NEW MEXICO CHAPTER AMERICAN PUBLIC WORKS ASSOCIATION.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT(2537) (STATEWIDE), AND APS M & O (765-5950). FOR LOCATION OF EXISTING UTILITIES.
3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE 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. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
7. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING AND MAINTAINING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
8. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
9. CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
10. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED.
11. ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION, LATEST EDITION.
12. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT WHEN ABUTTING NEW PAVEMENT TO EXISTING. THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
13. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL (CONTAMINATED OR OTHERWISE), ASPHALTIC PAVING, CONCRETE PAVING, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
14. A BORROW SITE FOR IMPORT MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A BORROW SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.
16. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.
17. ALL DIMENSIONS AND RADII OF CURB, CURB RETURNS, AND WALLS ARE SHOWN TO THE FACE OF CURB AND/OR WALL.
18. THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS PRIOR TO STRIPING SO THAT LAYOUT CAN BE VERIFIED.
19. ALL FILL MATERIAL SHALL BE FREE FROM VEGETATION, DEBRIS AND OTHER DELETERIOUS MATERIALS.
20. ALL FILL SHALL BE COMPACTED TO A MINIMUM OF 95% ASTM D-1557 UNLESS A GREATER COMPACTION REQUIREMENT IS OTHERWISE SPECIFIED.
21. ALL EXISTING UTILITIES ENCOUNTERED WITHIN THE WORK LIMITS SHALL BE ADJUSTED TO GRADE AND CONSIDERED INCIDENTAL TO CONSTRUCTION.
22. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

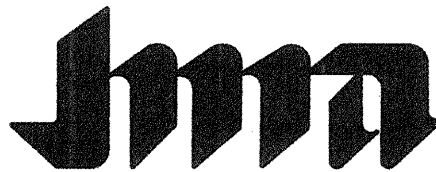
INDEX OF DRAWINGS

SHEET	DESCRIPTION
1.	DRAINAGE PLAN, CALCULATIONS AND NOTES
2.	COMPOSITE GRADING AND DRAINAGE PLAN
3.	DEMOLITION PLAN
4.	GRADING AND PAVING PLAN
5.	SECTIONS AND DETAILS
6.	STRIPING AND SIGNAGE PLAN

RECEIVED
JUN 20 1996



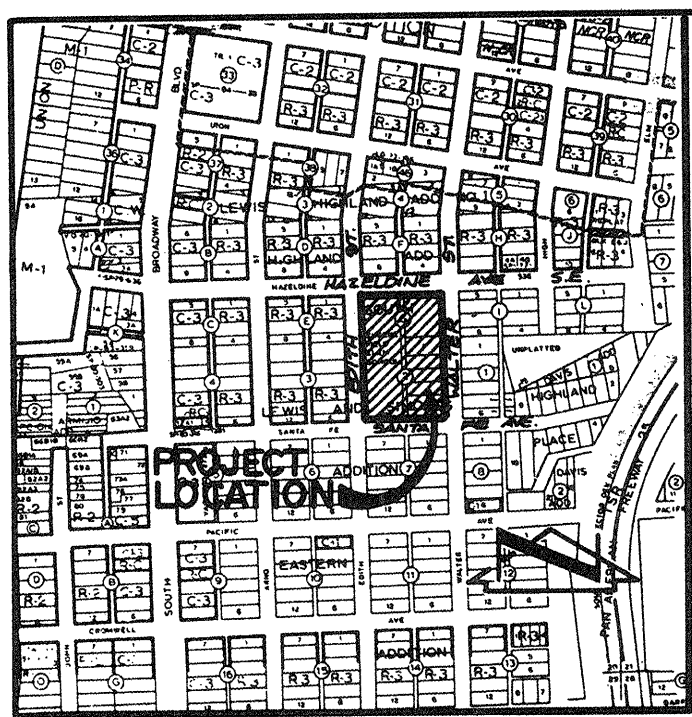
06-18-96



JEFF MORTENSEN & ASSOCIATES, INC.
6000-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS SURVEYORS (505) 345-4250

**DRAINAGE PLAN, CALCULATIONS AND NOTES
EUGENE FIELD ELEMENTARY SCHOOL**

DESIGNED BY	NO.	DATE	BY	REVISIONS	JOB NO.
J.G.M.					951841
DRAWN BY					DATE
C.J.H.					06/96
APPROVED BY					SHEET
J.G.M.					1 OF 6



VICINITY MAP K-14
SCALE: 1" = 800'

PROJECT BENCHMARK

B.M. # 14-K14; A SQUARE, 12, CHIELED ON TOP OF CONCRETE CURB AT THE NNW CORNER RETURN AT THE INTERSECTION OF BROADWAY BLVD. SE AND HAZELDINE AVE. SE.
ELEVATION = 4996.108 FEET (M.S.L.D.)

T.B.M.

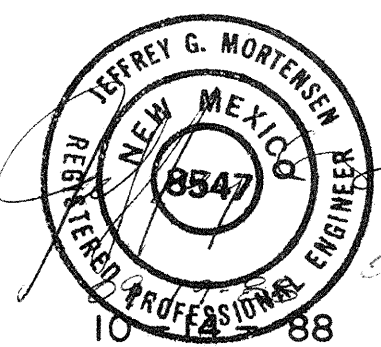
A 4" CUT 13.70' EAST OF N.E. PROPERTY CORNER AS SHOWN ON THE DRAWING.
ELEVATION = 4996.24 FEET (M.S.L.D.)

LEGEND

- 9902- EXISTING CONTOUR
- 9902- EXISTING SPOT ELEVATION
- 9902- EXISTING POWER POLE
- 9902- EXISTING LIGHT POLE
- 9902- EXISTING TELEPHONE RISER
- 9902- EXISTING TRAFFIC SIGN
- 9902- EXISTING WATER VALVE
- 9902- EXISTING FIRE HYDRANT
- 9902- EXISTING GAS MANHOLE
- 9902- EXISTING STORM MANHOLE
- 9902- TOP OF CURB
- 9902- FLOW LINE
- 9902- CONCRETE
- 9902- EXISTING TREE
- 9902- PROPOSED CONTOUR
- 9902- PROPOSED CONCRETE
- 9902- PROPOSED ASPHALT
- 9902- BASIN LINE
- 9902- TA. TOP OF ASPHALT
- 9902- T.O. TOP OF GROUND
- 9902- D.S. LOCATION & DIRECTION OF FLOW OF DOWN SPOUTS
- 9902- TW. TOP OF CONCRETE WALK

LEGAL DESCRIPTION

TRACT A, EUGENE FIELD SCHOOL



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD., N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505)345-4250

COMPOSITE
GRADING AND DRAINAGE PLAN
EUGENE FIELD ELEMENTARY SCHOOL

DESIGN BY: G.C.J./J.G.M.
DRAWN BY: S.G.H./J.A.P.
APPROVED BY: J.G.M.

No.	Date	By	Revision
1	06/96	J.G.M.	FOR IMPROVEMENTS THIS AREA, SEE SHEET 4
2	06/96	J.G.M.	
3			
4			
5			
6			

JOB NO. 951841
DATE 06/96
SHEET 2 OF 6

