

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 12/2005)

PROJECT TITLE: Wilson Middle School Renovations ZONE MAP: L-18-Z
DRB#: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: Block 23 Virginia Place
CITY ADDRESS: 1138 Cardenas Drive SE Albuquerque, NM 87108

ENGINEERING FIRM: Huitt-Zollars CONTACT: Jarrod Likar
ADDRESS: 6501 Americas Parkway NE PHONE: 892-5141
CITY, STATE: ABQ, NM ZIP CODE: 87110

OWNER: Albuquerque Public Schools CONTACT: Annelle Darby
ADDRESS: 915 Oak Street SE PHONE: 848-8802
CITY, STATE: ABQ, NM ZIP CODE: 87106

ARCHITECT: Huitt-Zollars CONTACT: John Jarrad
ADDRESS: 6501 Americas Parkway NE PHONE: 883-8114
CITY, STATE: ABQ, NM ZIP CODE: 87109

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: HB Construction CONTACT: Mike Hart
ADDRESS: 5301 Beverly Hills NE PHONE: 856-0404
CITY, STATE: Albuquerque, NM ZIP CODE: 87113

TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
<input type="checkbox"/> DRAINAGE REPORT	<input type="checkbox"/> SIA/FINANCIAL GUARANTEE RELEASE
<input type="checkbox"/> DRAINAGE PLAN 1 ST SUBMITTAL	<input type="checkbox"/> PRELIMINARY PLAT APPROVAL
<input type="checkbox"/> DRAINAGE PLAN RESUBMITTAL	<input type="checkbox"/> S. DEV. PLAN FOR SUB'D APPROVAL
<input type="checkbox"/> CONCEPTUAL G & D PLAN	<input type="checkbox"/> S. DEV. FOR BLDG. PERMIT APPROVAL
<input type="checkbox"/> GRADING PLAN	<input type="checkbox"/> SECTOR PLAN APPROVAL
<input type="checkbox"/> EROSION CONTROL PLAN	<input type="checkbox"/> FINAL PLAT APPROVAL
<input checked="" type="checkbox"/> ENGINEER'S CERT (HYDROLOGY)	<input type="checkbox"/> FOUNDATION PERMIT APPROVAL
<input type="checkbox"/> CLOMR/LOMR	<input checked="" type="checkbox"/> BUILDING PERMIT APPROVAL
<input type="checkbox"/> TRAFFIC CIRCULATION LAYOUT	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (PERM)
<input type="checkbox"/> ENGINEER'S CERT (TCL)	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (TEMP)
<input type="checkbox"/> ENGINEER'S CERT (DRB SITE PLAN)	<input type="checkbox"/> GRADING PERMIT APPROVAL
<input type="checkbox"/> OTHER (SPECIFY)	<input type="checkbox"/> PAVING PERMIT APPROVAL
	<input type="checkbox"/> WORK ORDER APPROVAL

SUBMITTAL FOR :
PHASE 2 / PERMIT NO. 201392964

WAS A PRE-DESIGN CONFERENCE ATTENDED:

☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: 3-12-15 BY: Jarrod Likar

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

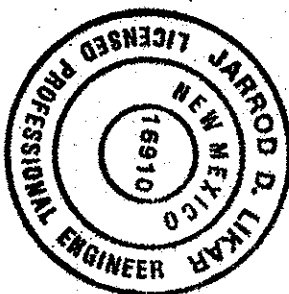
DRAINAGE CERTIFICATION WITH SURVEY WORK BY PROFESSIONAL SURVEYOR

DRAINAGE PLAN

I. JARROD D. LICKAR, NMP# 16910, OF THE FIRM HUITT-ZOLLARS INC., 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 NOVEMBER 8, 2013. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY KIM STELZER, NMP# 7482 OF THE FIRM HUITT-ZOLLARS INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON MARCH 9, 2015 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 BUILDING PERMIT.

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

Signature of Engineer
3/11/15
Date



SUBMITTAL FOR:
PHASE 2 / PERMIT NO. 201392964

I. INTRODUCTION AND EXECUTIVE SUMMARY
THE PROJECT CONSISTS OF ANOTHER ADDITION AND AN ADMINISTRATIVE ADDITION TO THE EXISTING WILSON MIDDLE SCHOOL. MODIFICATIONS TO THE EXISTING PAVING AND ACCESS ROADS EASTERN AVENUE S.E. ARE ALSO PROPOSED. THE PROPOSED IMPROVEMENTS ARE WITHIN BASINS B AND D AS DETERMINED IN THE 1993 MASTER DRAINAGE PLAN FOR WILSON MIDDLE SCHOOL DATED MAY 26, 1993. THE BUILDING, PAVING AND DRAINAGE FACILITIES PROPOSED WILL FOLLOW THE APPROVED MASTER DRAINAGE PLAN BY MAINTAINING EXISTING DRAINAGE PATTERNS OVER THE MAJOR PORTIONS OF THE PROJECT SITE AND BY CHANGING THE DRAINAGE PATTERN THAT WILL BE DEVELOPED DUE TO DEVELOPMENT AND DRAINAGE FACILITIES OVER THE REMAINING PORTIONS OF THE PROJECT SITE.

II. PROJECT DESCRIPTION
AS SHOWN BY THE MASTER PLAN, THE PROJECT SITE IS LOCATED AT THE NORTHWEST CORNER OF SAN PEDRO DRIVE S.E. AND EASTERN AVENUE S.E. THE PROJECT SITE IS BOUNDARY BY SAN PEDRO DRIVE S.E. TO THE NORTH, SAN PEDRO DRIVE S.E. TO THE SOUTH, SAN PEDRO DRIVE S.E. TO THE WEST, AND EASTERN AVENUE S.E. TO THE EAST. THE PROJECT SITE IS A 1.54 ACRES (66,150 SQ. FT.) PARCEL. THE PROJECT SITE IS OWNED BY ALBUQUERQUE PUBLIC SCHOOLS AND IS OPERATED AS A MIDDLE SCHOOL. THE PROJECT SITE IS LOCATED WITHIN THE WILSON MIDDLE SCHOOL DISTRICT. THE PROJECT SITE IS A 1.54 ACRES (66,150 SQ. FT.) PARCEL. THE PROJECT SITE IS OWNED BY ALBUQUERQUE PUBLIC SCHOOLS AND IS OPERATED AS A MIDDLE SCHOOL. THE PROJECT SITE IS LOCATED WITHIN THE WILSON MIDDLE SCHOOL DISTRICT.

III. BACKGROUND DOCUMENTS AND RESEARCH
THE FOLLOWING ITEMS WERE USED IN PREPARATION OF THIS SUBMITTAL:
A. EXISTING TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY HIGH MEAS CONSULTING GROUP, NMP# NO. 11184, DATED MARCH 9, 2010.
B. APPROVED MASTER DRAINAGE PLAN DATED MAY 26, 1993 PREPARED BY JEFF MONTGOMERY AND ASSOCIATES. THE MASTER DRAINAGE PLAN SHOWS THE EXISTING DRAINAGE PATTERN FOR THE SITE AND DESIGNATED PHASES CONSTRUCTION. THE PROJECT WILL FOLLOW THE DRAINAGE PATTERNS SHOWN IN THE MASTER DRAINAGE PLAN.
C. APPROVED CONSTRUCTION PLAN FOR WILSON MIDDLE SCHOOL DATED JULY 21, 2008 PREPARED BY HIGH MEAS CONSULTING GROUP (FORMERLY JEFF MONTGOMERY AND ASSOCIATES).

IV. EXISTING CONDITIONS
THE EXISTING PROJECT AREA CONSISTS OF PAVED AND UNPAVED PARKING, AND ONE AND ONE-HALF LANE ROAD AREAS WITHIN BASINS B AND D AS DESCRIBED IN THE 1993 MASTER DRAINAGE PLAN. THE EXISTING ADDITION IS WITHIN BASIN D AND DRAINS FROM EAST TO WEST TO CARDENAS DRIVE. THE EXISTING ADDITION IS WITHIN BASIN B AND DRAINS FROM THE NORTHWEST TO THE SOUTHWEST AND EASTERN AVENUE.

V. PROPOSED IMPROVEMENTS
THE PROPOSED IMPROVEMENTS WILL SERVE EXISTING PAVED AND UNPAVED PARKING IN BASIN B WITH AN ADDITION TO THE EXISTING EXTERIOR AND NEW PAVED PARKING IN BASIN D. THE PROPOSED IMPROVEMENTS WILL SERVE EXISTING PAVED AND UNPAVED PARKING IN BASIN D WITH AN ADDITION TO THE EXISTING EXTERIOR AND NEW PAVED PARKING IN BASIN B. THE PROPOSED IMPROVEMENTS WILL SERVE EXISTING PAVED AND UNPAVED PARKING IN BASIN B WITH AN ADDITION TO THE EXISTING EXTERIOR AND NEW PAVED PARKING IN BASIN D. THE PROPOSED IMPROVEMENTS WILL SERVE EXISTING PAVED AND UNPAVED PARKING IN BASIN D WITH AN ADDITION TO THE EXISTING EXTERIOR AND NEW PAVED PARKING IN BASIN B.

VI. CALCULATIONS
THE CALCULATIONS THAT FOLLOW ILLUSTRATE THE CHANGE IN THE PROPOSED CONDITIONS FOR THE 100 YEAR STORM RAIN FALL EXISTING BASINS B AND D. THE PROPOSED IMPROVEMENTS ARE PRESENTED BY THE ABOVE REFERENCED (MAY, 1993) MASTER DRAINAGE PLAN.
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2. EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED.
3. THE PROPOSED IMPROVEMENTS WILL NOT HAVE AN ADVERSE IMPACT ON DOWNSTREAM CAPACITY OR PROPERTIES.

VII. CONCLUSIONS
THE FOLLOWING CONCLUSIONS ARE PRESENTED BY THE DRAINAGE PLAN:
1. THE PROPOSED IMPROVEMENTS ARE PRESENTED BY THE ABOVE REFERENCED (MAY, 1993) MASTER DRAINAGE PLAN.
2. EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED.
3. THE PROPOSED IMPROVEMENTS WILL NOT HAVE AN ADVERSE IMPACT ON DOWNSTREAM CAPACITY OR PROPERTIES.

VIII. NOTES
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE OR TOP OF SIDEWALK ELEVATIONS, UNLESS OTHERWISE NOTED.
2. PROPOSED SPOT ELEVATIONS FOR MEAN SEA LEVEL ELEVATION, ELEVATIONS SHOWN COMPLETE ARE EXISTING (I.E. 5354.42).
3. ALL CONSTRUCTION SHALL CONFORM TO CITY OF ALBUQUERQUE STANDARDS.

IX. LEGEND
EXISTING MAIN BUILDING TO BE REMOVED
NEW ADMINISTRATION AND KITCHEN ADDITIONS
NEW 4" CONCRETE SIDEWALKS AND CONCRETE PAVING, SEE SHEET C-102
NEW 6" CONCRETE PAVING, SEE SHEET C-102
NEW LANDSCAPING BY OWNER (NOT IN CONTRACT)

X. GRADING AND DRAINAGE PLAN
SCALE: 1" = 20' - 0"

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GENERAL SHEET NOTES

A. 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.
B. 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.
C. IF ANY UTILITY LINES, PRELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE LOCATION ONLY, AND LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OWNER OR FROM EXISTING PLANS, AND THIS INFORMATION MAY BE INCOMPLETE, OR INCORRECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ANY UTILITY LINES, PRELINES, OR UNDERGROUND UTILITY LINES, AND TO TAKE APPROPRIATE PRECAUTIONS TO AVOID DAMAGE TO ANY UTILITY LINES, PRELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PRELINES, AND UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PRELINES, AND UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PRELINES, AND UNDERGROUND UTILITY LINES.

D. THE CONTRACTOR SHALL INSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND BY WETTING THE SOIL TO KEEP IT FROM BLOWING.
E. THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE COMPLETION OF THE WORK PRIOR TO BEGINNING CONSTRUCTION.

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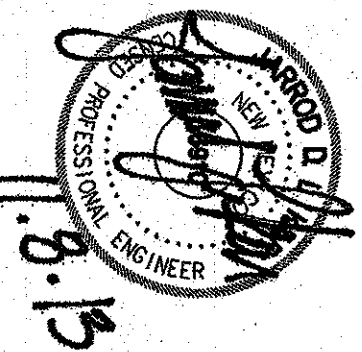
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HUITT
ZOLLARS

Huitt-Zollars, Inc.
6501 Americas Parkway NE,
Suite 550
Albuquerque, N.M. 87110
Phone (505) 883-8114
Fax (505) 883-5022

CONSULTANTS:



ALBUQUERQUE
PUBLIC SCHOOLS

Wilson
Middle School

MAIN
BUILDING
RENOVATION,
& ADMIN.
& KITCHEN
ADDITIONS

ADDRESS:
1138 CARDENAS DRIVE SE
ALBUQUERQUE, NM 87108

PROJECT NO.: 14027201
CADD FILE: 14027201_C103.dwg
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CHECKED BY: JDL
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SHEET TITLE:

GRADING & DRAINAGE PLAN

C-103

SHEET 6 OF 127