

CITY OF ALBUQUERQUE



October 5, 2012

Jeffrey G. Mortensen, P.E.
High Mesa Consulting Group
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

jmortensen@highmesacg.com

Re: Edward Gonzales Elementary School Ph II, 554 90th St SW,
Request for Permanent C.O. –Accepted
Engineer's Stamp dated: 010-19-06, (L09/D034)
Certification dated: 10-04-12

Dear Mr. Mortensen,

Based upon the information provided in the Certification received 10-04-13, the above referenced Certification is acceptable for a release of a Permanent Certificate of Occupancy by Hydrology.

Hydrology is asking for an electronic copy, in .pdf format, of this certification for our records. This certification can be e-mailed to me at: tsims@cabq.gov.

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

Sincerely,

Timothy E. Sims,
Plan Checker—Hydrology Section
Development and Building Services

C: CO Clerk—Katrina Sigala
File

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

**COMPOSITE DRAINAGE PLAN
PHASE 1 AND 2
EDWARD GONZALES ELEMENTARY SCHOOL**

[illegible]

ENGINEER'S DRAINAGE CERTIFICATION FOR PERMANENT CERTIFICATE OF OCCUPANCY -

EXISTING LEGEND

AP	ASPHALT PATH				
C	COMMUNICATION				
ASH	ASPHALT				
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BOUNDARY TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	30.00'	47.06'	42.38'	S 38°46'53" W	89°52'14"
C2	30.00'	47.19'	42.47'	N 51°13'07" W	90°07'46"

EASEMENT KEYED NOTES

①	PUBLIC UTILITY EASEMENT GRANTED BY 2004C-153.
②	CITY OF ALBUQUERQUE PUBLIC WATER LINE EASEMENT GRANTED BY PLAT 2004C-153.
③	ELECTRIC AND GASEOUS EASEMENT BY DOCUMENT FILED PLAT 2004C-153.
④	P.M. ELECTRIC AND GASEOUS EASEMENT BY DOCUMENT FILED 12-19-2003, BOOK A70, PAGE 4577, DOC. #2003225060.
⑤	P.M. GAS SERVICES EASEMENT BY DOCUMENT FILED 03-23-2004, BOOK A74, 7783, DOC. #2003403874.
⑥	20' ABOVEGROUND PUBLIC WATERLINE EASEMENT GRANTED BY PLAT 2008C-145.
⑦	EASEMENTS - OFFSITE
⑧	10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2002C-557.

EXISTING UTILITY KEYED NOTES

BENCHMARKS

(X) EDWARD GONZALES ELEMENTARY SCHOOL
PHASE 2 STORM DRAIN DRAINAGE IMPROVEMENTS
SHEET 11 OF 11
RECORD DRAWINGS
JEFF WORTENSTEN & ASSOCIATES
DATED: 12/08/2008
(Y) EDWARD GONZALES ELEMENTARY SCHOOL
PUBLIC WATER LINE EXTENSIONS
SHEETS 1-9
RECORD DRAWINGS
JEFF WORTENSTEN & ASSOCIATES
DATED: 06/30/2004
(Z) SOUTHWEST ELEMENTARY SCHOOL
PUBLIC INFRASTRUCTURE
SHEETS 1-19
RECORD DRAWINGS
HIGH MESA CONSULTING GROUP
DATED: 05/22/2009

PROJECT BENCHMARK

3.74' ALUMINUM CAP STAMPED "27-1-97" SET FLUSH ON
 THE TOP OF CONCRETE CURB IN THE WEST MEDIAN NOSE AT
 INTERSECTION OF TOWER ROAD S.W. AND STREET S.W.
 ROAD S.W. AND 4.07 FEET WEST OF 86TH STREET S.W.
 ELEVATION = 5103.681 FEET (NGVD 1929)
 1.8M) (T.B.M.) #2
 A SCRIBED "+" IN CONCRETE PAD, AS SHOWN ON THIS SHEET.
 ELEVATION = 5113.08 FEET (NGVD 1929)
 1.8M) (T.B.M.) #3
 A MAG NAL SET IN ASPHALT, AS SHOWN ON THIS SHEET.
 ELEVATION = 5117.58 FEET (NGVD 1929)
 1.8M) (T.B.M.) #4
 A CHASED "□" IN TOP OF CURB AS SHOWN ON THIS SHEET.
 ELEVATION = 5126.90 FEET (NGVD 1929)

DESIGN SURVEY NOTE

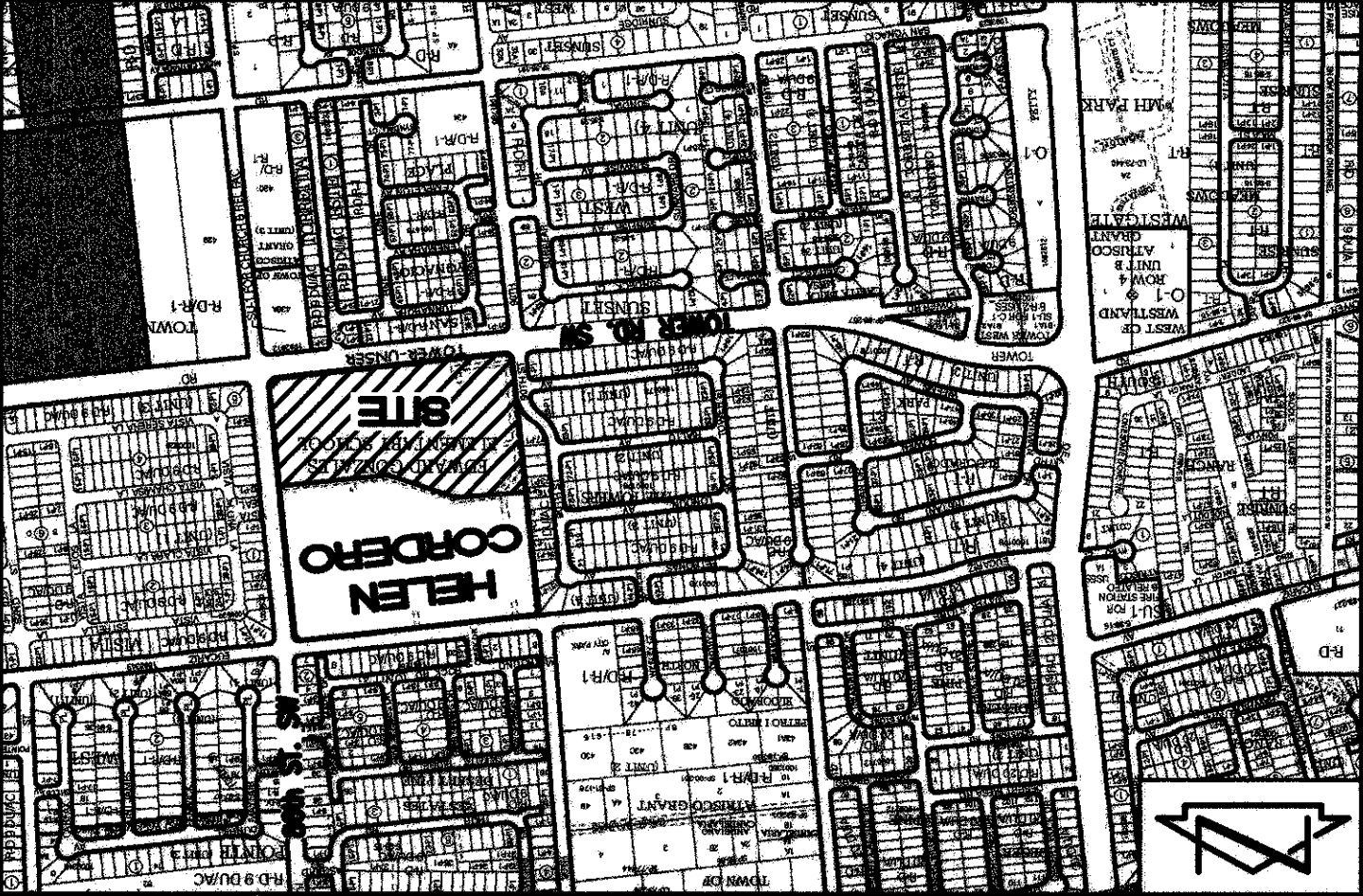
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DESIGN LEGEND

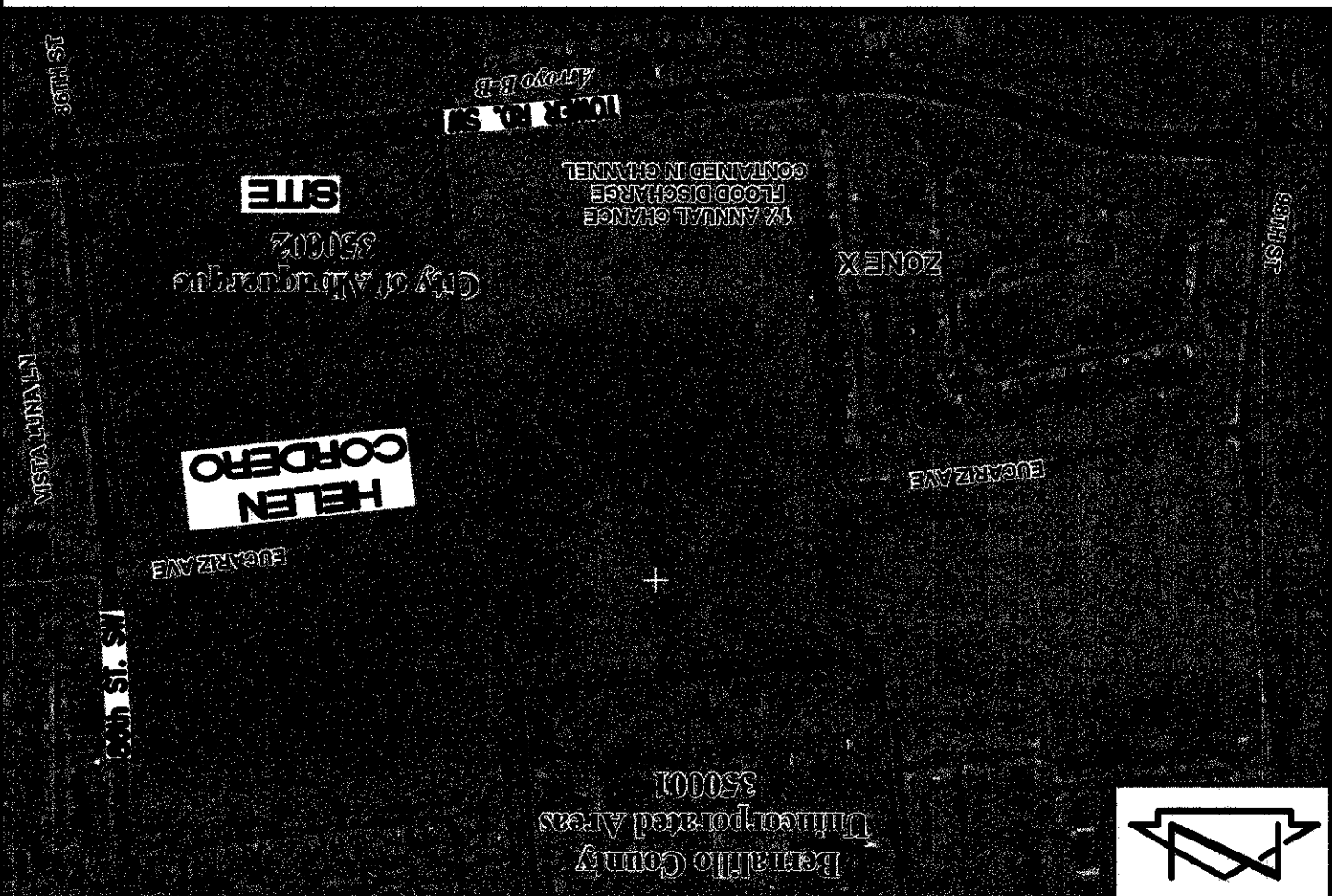
PHASE 2 BUILDING	
VERIFIED BY AS BUILT SURVEY	
VERIFIED BY AS BUILT SURVEY	14.1
VERIFIED BY ENGINEER	
VERIFIED BY ENGINEER	14.6
EXISTING DRAINAGE BASIN BOUNDARY	----
PROPOSED DRAINAGE BASIN BOUNDARY	----

THIS IS NOT A BOUNDARY SURVEY. DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED ON THIS PLAN IS BASED ON THE BOUNDARY SURVEY PREPARED BY HIGH MASS CONSULTING GROUP. NMPS 15075, DATED 08/31/2010 (2008.204.8), TOPOGRAPHIC INFORMATION IS BASED ON A PARTIAL TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY HIGH MASS CONSULTING GROUP, NMPS 15075, DATED 08/31/2010. (2008.204.8) COMBINED WITH INFORMATION FROM RECORD DRAWINGS FOR SOUTHWEST ELEMENTARY SCHOOL PUBLIC INFRASTRUCTURE (CPN 709183), NMPE 8547, 09-01-2008 (2006.180.7).

MICINITY MAP



FEDERAL EMERGENCY MANAGEMENT AGENCY



F.I.R.M. MAP

PANEL 328 OF 825
DATED 9/26/2008

PHASE 2

THE FOLLOWING DRAINAGE SUBMITTALS, PLANS, RECORDS AND OTHER RELATED DOCUMENTS WERE REVIEWED IN THE PREPARATION OF THE FINAL ENGINEER'S DRAINAGE CERTIFICATION FOR PERMANENT CERTIFICATE OF OCCUPANCY FOR THE PHASE 2 PORTION OF THE PROJECT:

[illegible]

3. PHASE 2 BUILDING CONSTRUCTION
4. PHASE 2 DRAINAGE IMPROVEMENTS

C. MASTER DRAINAGE PLAN (MDP) FOR EDWARD GONZALES ELEMENTARY SCHOOL. PREPARED BY HIGH MESA CONSULTING GROUP (FORMERLY JEFF MORTENSEN AND ASSOCIATES, INC.), NMPE 8547, DATED 10-26-2006. THE MDP IDENTIFIED THE FOLLOWING AREAS OF THE PHASE 1 CONSTRUCTION REQUIRING CORRECTION AND/OR FURTHER IMPROVEMENTS:

5.	EXISTING SIDEWALK CULTIVETS REQUIRED REMOVAL AND REPLACEMENT
6.	ROOF DRAIN CAUSING SIGNIFICANT EROSION AND UNDERMINING THE SIDEWALK
7.	SEDIMENT ERODING OVER THE PUBLIC SIDEWALK FROM BASIN A
8.	NO STRUCTURAL SPILLWAY PROVIDED FROM THE POND IN BASIN C
9.	EROSION FROM THE DEVELOPED PORTION OF BASIN D CAUSING SEDIMENT DEPOSITION IN 86TH STREET SW
10.	ROOF DRAIN CAUSING EROSION AND PONDING ADJACENT TO THE MAIN BUILDING
11.	FOUR INCH PIPE INADEQUATE TO CONVEY FLOW INTERCEPTED AND CAUSING WATER TO POOL NEXT TO THE BUILDING

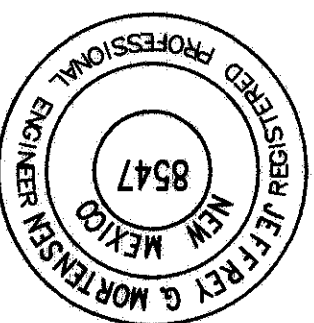
19.	CONSTRUCT PORTABLE PARK DRAINAGE IMPROVEMENTS SUBSEQUENTLY REMOVED AND AREA PROVIDED WITH TEMPORARY STABILIZATION.
20.	CONSTRUCT PHASE 2 PRIVATE DRAIN REVISIONS BY CHANGE ORDER
21.	EROSION CONTROL PLAN FOR EDWARD GONZALEZ ELEMENTARY SCHOOL PREPARED BY HIGH MESA CONSULTING GROUP (FORMERLY JEFF MORTENSEN AND ASSOCIATES, INC), NMPE 8547, DATED 06-01-2011 WITH A SUBSEQUENT ENGINEERS DRAINAGE CERTIFICATION DATED 07-28-2011. THE ABOVE PLAN WAS AN UPDATE TO THE PREVIOUSLY APPROVED (2007) AND CERTIFIED (2008) PLAN, AND ADDRESSED THE FOLLOWING:
22.	COMPLETION OF DEFERRED LANDSCAPING TO STABILIZE BARE SOIL AREAS ON THE WEST AND SOUTH PORTIONS OF THE CAMPUSES.
23.	F. DRAINAGE CERTIFICATION FOR PHASE 2 TCL IMPROVEMENTS, HELEN CORDEIRO ELEMENTARY SCHOOL PREPARED BY HIGH MESA CONSULTING GROUP, NMPE 8547, DATED 12-14-2010. THIS CERTIFICATION

CERTIFICATION

I, JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THE PHASE 2 PORTION OF THIS PROJECT HAS BEEN GRADED AND DRAINED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 10-19-06. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS EITHER BEEN OBTAINED BY ME OR OBTAINED BY MY DIRECT SUPERVISION FROM PREVIOUSLY SUBMITTED PLANS AND/OR CERTIFICATIONS, OR AS AS-BUILT SURVEY DATA OBTAINED UNDER THE DIRECT SUPERVISION OF JOSEPH M. SOLOMON, JR., NMPS 15075, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

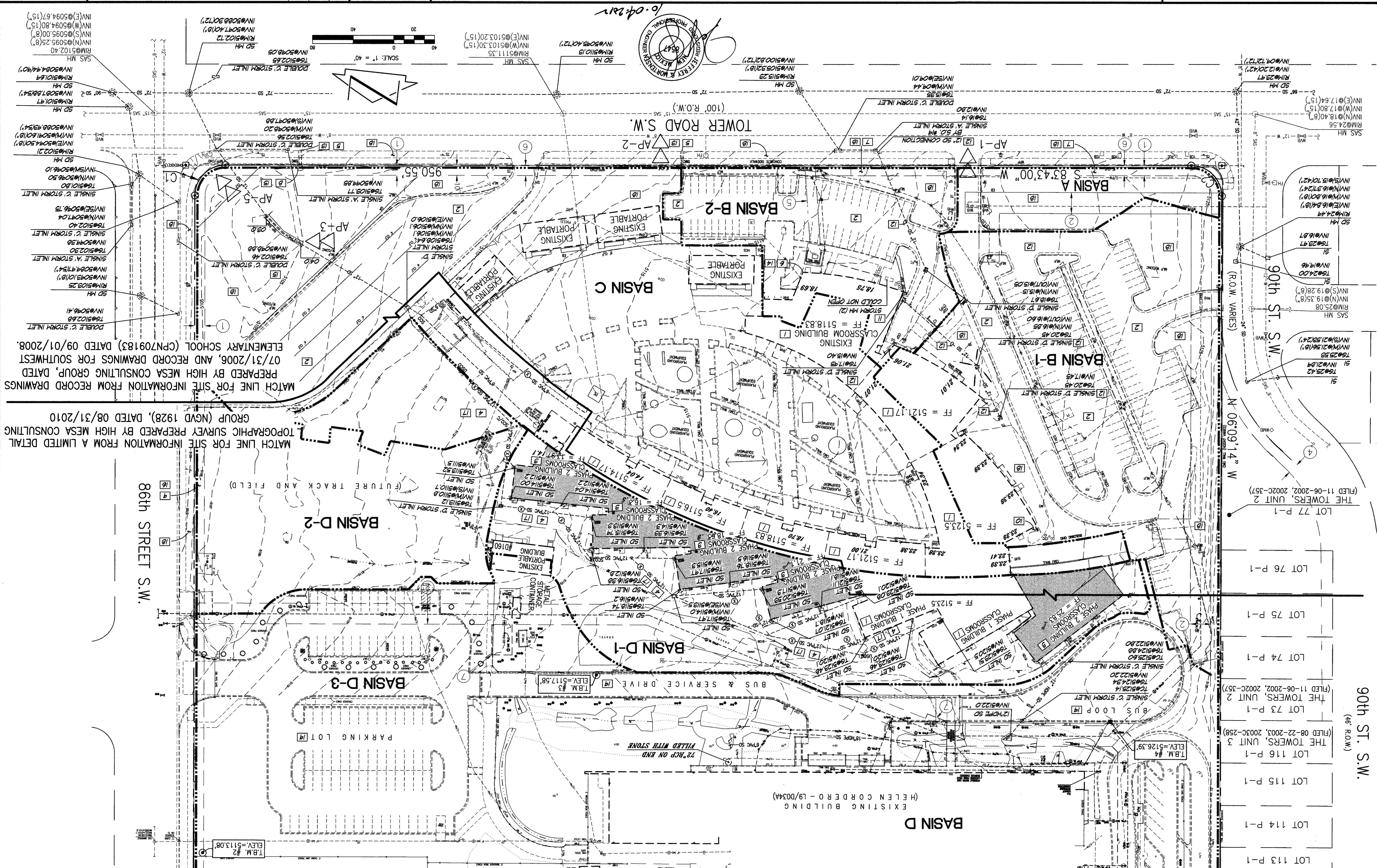
ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

DATE _____
10-07-2012
JEREMY G. MORTENSEN, NMPE 8547



EDWARD GONZALES ELEMENTARY SCHOOL
PHASES 1 AND 2
COMPOSITE DRAINAGE PLAN

DESIGNED BY	J.G.M.	APPROVED BY	J.G.M.
DRAWN BY	E.J.S.		
DATE	06-2012		
SHEET	2		
JOB NO.	2006.181.1		



MATCH LINE FOR SITE INFORMATION FROM RECORD DRAWINGS
PREPARED BY HIGH MESA CONSULTING GROUP, DATED
07/31/2006, AND RECORD DRAWINGS FOR SOUTHWEST
ELEMENTARY SCHOOL (CPN709183) DATED 09/01/2008.

MATCH LINE FOR SITE INFORMATION FROM A LIMITED DETAIL
TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING
GROUP (NGVD 1928), DATED 08/31/2010