A ENGINEER'S CERTIFICATION FOR TEMPORARY CERTIFICATE OCCUPANCY DRAINAGE CERTIFICATION FOR TEMPORARY CERTIFICATE OF OCCUPANCY JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY

CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND DRAINED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 11/25/08. THE RECORD SURVEY INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT IS FROM A VERIFICATION SURVEY CONDUCTED ON 08/04/09 AND 08/05/09 UNDER THE DIRECT SUPERVISION OF CHARLES G. CALA, JR., NMPS 11184, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR TEMPORARY CERTIFICATE OF OCCUPANCY.

THE FOLLOWING ITEMS MUST BE CORRECTED PRIOR TO CERTIFICATION FOR PERMANENT CERTIFICATE

OF OCCUPANCY: 1. CONSTRUCT INLET BOTTOM AND INVERT AT THE STORM INLET LOCATED AT THE SOUTHWEST CORNER OF THE NORTHEAST SOCCER FIELD.

CONSTRUCT INLET BOTTOM AND INVERT AT THE STORM INLET LOCATED AT THE MIDPOINT ALONG THE WEST SIDE OF THE NORTHEAST SOCCER FIELD. CONSTRUCT AND BACKFILL LANDSCAPE PLANTERS

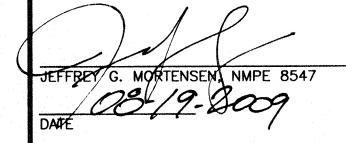
COMPLETE TEMPORARY AND PERMANENT SEEDING WITH STABILIZATION COMPLETE CRUSHER FINE PLACEMENT AT THE SPECTATOR AREAS

6. COMPLETE THE CONCRETE PAVEMENT/SIDEWALK IN THE PEDESTRIAN AREA

COMPLETE THE SITE PERIMETER CHAIN LINK FENCE 8. COMPLETE THE FABRICATED STEEL SECURITY GATES AT THE ENTRY GATE AND BUILDINGS

9. CLEAN-UP AND FINE GRADE THE SITE 10. INSTALL SIDEWALK CULVERT PLATES

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. THIS CERTIFICATION DOES NOT ADDRESS ADA COMPLIANCE WHICH IS BEYOND THE SCOPE OF GRADING AND DRAINAGE. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



0.67 IN

42.6 CFS

0.88 IN

51.1 CFS

(INCREASE)

(INCREASE)

66,901 CF

AC-FT =

8.5 CFS

51,087 CF

CALCULATIONS

914,995

914,995 SF

914,995 SF = 21.01 AC

AREA (SF/AC)

AREA (SF/AC)

(0.67/12)0.00 =

(0.88/12)21.01 =

686,246 / 15.75

109.800 / 2.52

118.949 / 2.73

21.01 AC

1.1728

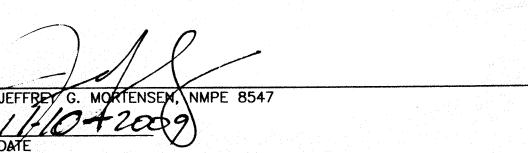
1.5358

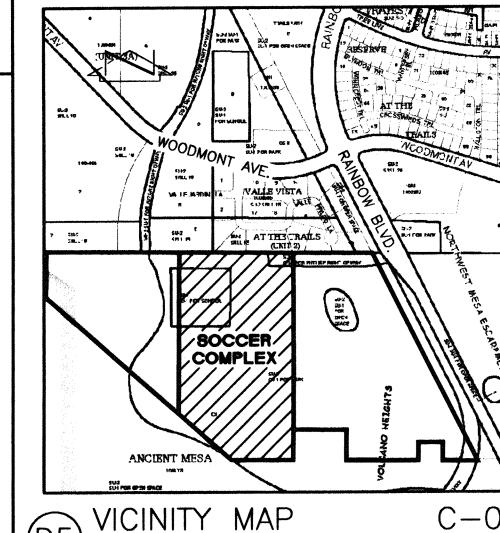
6.1023

A ENGINEER'S DRAINAGE CERTIFICATION FOR PERMANENT C.O.

, JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED, DRAINED AND CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 11/25/2008 INCLUDING CORRECTIONS SPECIFIED BY THE ENGINEER'S DRAINAGE CERTIFICATION FOR TEMPORARY C.O. DATED 08-19-2009 TOGETHER WITH THE ADDITION OF PERMANENT TEAM AND OFFICIALS BOXES AT ALL FOUR FIELDS. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AS SUPPLEMENTAL SITE DATA COMBINED WITH RECORD INFORMATION OBTAINED FROM THE VERIFICATION SURVEYS CONDUCTED 08/04/2009 AND 08/05/2009, AND CONCLUDED ON 09-04-2009 AND 09-08-2009 UNDER THE DIRECT SUPERVISION OF CHARLES G. CALA, JR., NMPS 11184, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR PERMANENT CERTIFICATE 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 THIS PROJECT. THIS CERTIFICATION DOES NOT ADDRESS ADA COMPLIANCE WHICH IS BEYOND THE SCOPE OF GRADING AND DRAINAGE, THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER



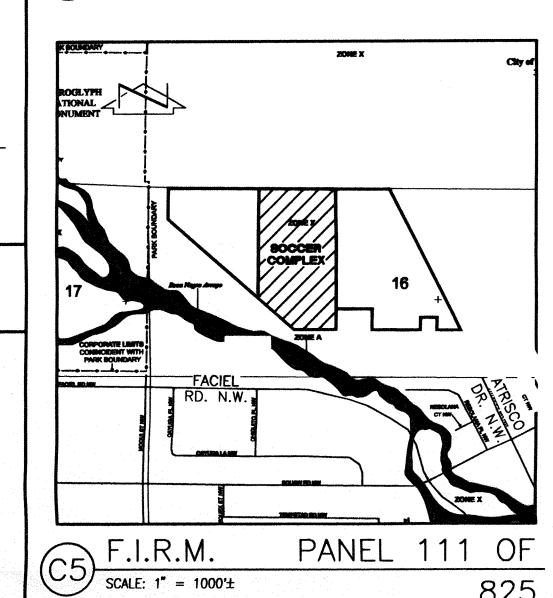


SCALE: 1'' = 750'

8547

SEN METER

(8547)



LEGAL DESCRIPTION

A PORTION OF TRACT C-1, ANCIENT MESA

STREET ADDRESS 8111 RAINBOW BLVD. N.W. ALBUQUERQUE, N.M.

BENCHMARKS

PROJECT BENCHMARK

A BRASS CAP LOCATED NEAR THE NORTHEAST CORNER OF TRACT B. ANCIENT MESA APPROXIMATELY 65 FEET EAST OF THE NORTHEAST CORNER OF THE 4' WIRE FINCE AND STAMPED. TIIN TA S16 S15

ELEVATION = 5414.95 FEET (NGVD 1929) HYDROLOGY

A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPSEGTION", AS SHOWN ON SHEET 3. ELEVATION = 5443.20 FEET (NGVD 1929)

T.B.M. #2

A USGLO BRASS CAP STAMPED "TA/CC/S17/S16/T11N/R2E 1911", AS SHOWN ON SHEET 4. ELEVATION = 5486.32 FEET (NGVD 1929)

🛕 INDEX OF DRAWINGS 🛕

SHEET #	DESCRIPTION
15	DRAINAGE PLAN AND CALCULATIONS
16	GRADING PLAN - SOUTH
17	GRADING PLAN - CENTER
18	GRADING PLAN - NORTH
19	STORM DRAIN SECTIONS AND DETAILS
20	STORM DRAIN SECTIONS AND DETAILS
21	RETAINING WALL 'A' PLAN & PROFILE
22	RETAINING WALL 'B' & 'C' PLAN & PROFILE

STAIR & SHADE STRUCTURE DETAIL

STORAGE BUILDING DETAIL

RECORD DRAWING



RRID

BLIC 岀 山 OR EW

PROJECT No. 2007.180.3 DESIGNED BY G.R.B. DRAWN BY J.Y.R./B.L.E J.G.M. APPROVED BY

SHEET TITLI

DRAINAGE PLAN AND **CALCULATIONS**

C-115 SHEET 15 OF 90

VIII. CONCLUSIONS

A. THE PROPOSED SITE IMPROVEMENTS AND DRAINAGE CONCEPT ARE CONSISTENT WITH THE DEVELOPMENT CRITERIA

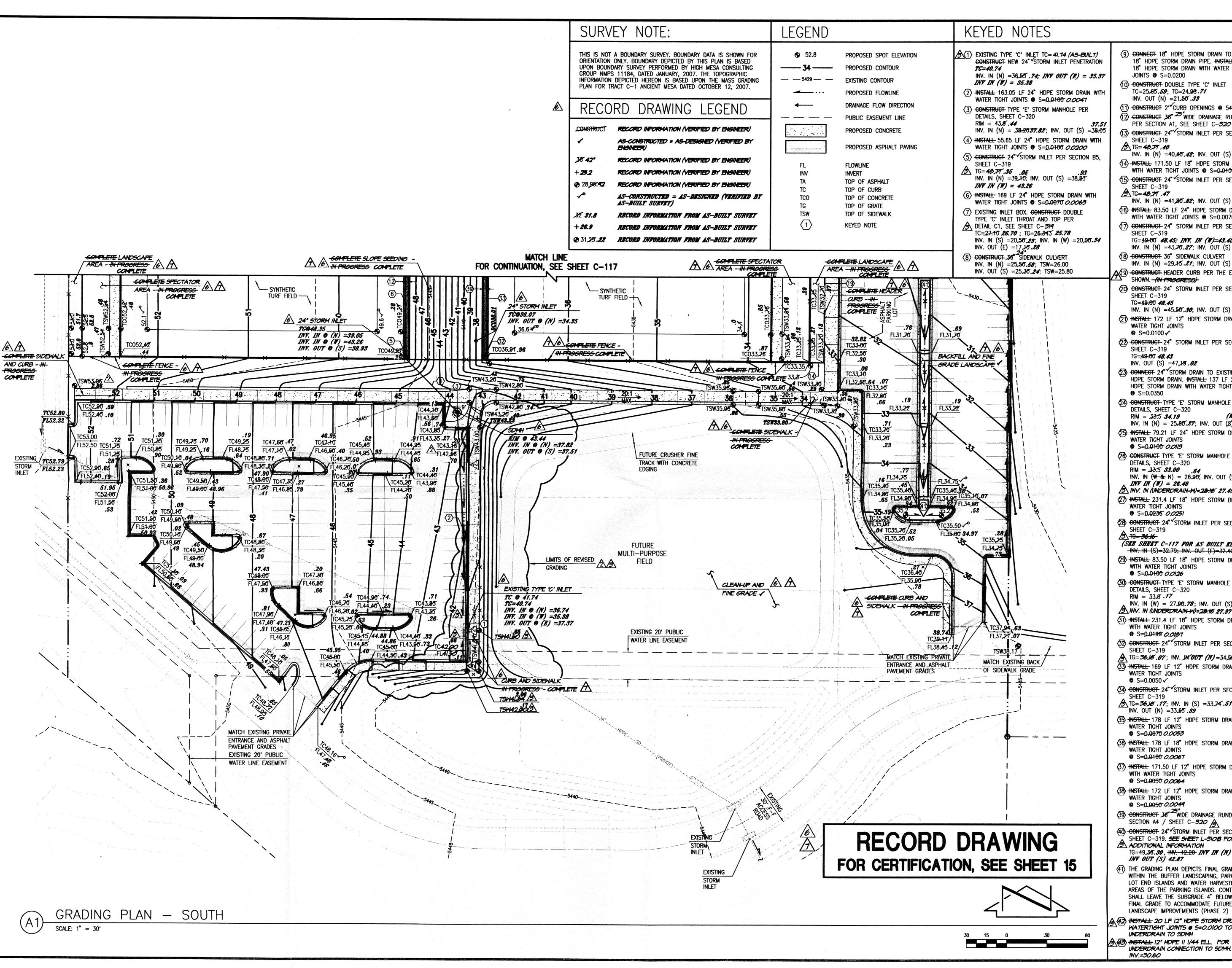
ESTABLISHED BY THE PREVIOUSLY APPROVED MASTER DRAINAGE PLAN FOR TRACT C-1. ANCIENT MESA. THERE ARE NO DPM DESIGN VARIANCES OR DRAINAGE EASEMENTS REQUIRED BY THIS PROJECT. THIS SUBMITTAL SUPPORTS THE BUILDING PERMIT APPLICATION FOR THE CONSTRUCTION OF THE SOCCER FIELD COMPLEX.

VII. CALCULATIONS

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 FOR THE SITE.

6-HOUR RAINFALL EVENT. THE PROCEDURE FOR 40-ACRE AND SMALLER BASIN, AS SET FORTH IN THE REVISION OF SECTION

THE CALCULATIONS APPEARING HEREON ANALYZE BOTH THE EXISTING AND PROPOSED CONDITIONS FOR THE 100-YEAR,



(9) CONNECT 18" HDPE STORM DRAIN TO EXISTING 18" HDPE STORM DRAIN PIPE. INSTALL 30 LF 18" HDPE STORM DRAIN WITH WATER TIGHT

JOINTS • S=0.0200 (10) CONSTRUCT DOUBLE TYPE 'C' INLET TC=25.65.59; TG=24.98.71

INV. OUT (N) =21.50 .33 (11) CONSTRUCT 2' CURB OPENINGS @ 54' O.C.

(2) CONSTRUCT 38" 25" WIDE DRAINAGE RUNDOWN PER SECTION A1, SEE SHEET C-320

(13) CONSTRUCT 24" STORM INLET PER SECTION B5, SHEET C-319 3 TG= 48 77 .40

INV. IN (N) =40.40.42; INV. OUT (S) =40.28.17 (14) INSTALL 171.50 LF 18" HDPE STORM DRAIN WITH WATER TIGHT JOINTS @ S=0.0100 0.0108

(15) construct 24" storm inlet per section b5. SHEET C-319 ATG=4871.47

INV. IN (N) =41,80.82; INV. OUT (S) =41,65.62 (16) Install 83.50 LF 24" HDPE STORM DRAIN WITH WATER TIGHT JOINTS @ S=0.0070

(17) CONSTRUCT- 24" STORM INLET PER SECTION B5. SHEET C-319 TG=49.00 48.45; INV. IN (W)=43.45 INV. IN (N) =43.70.27; INV. OUT (S) =43.38.12

INV. IN (N) =29,45.21; INV. OUT (S) =29,05.1 Δ (19) construct header curb per the elevations SHOWN. - (IN PROGRESS)

(20) CONSTRUCT 24" STORM INLET PER SECTION B5, SHEET C-319 TG=49.00 48.45 INV. IN (N) =45,50°, INV. OUT (S) =45,39.12

(21) Install 172 LF 12" HDPE STORM DRAIN WITH WATER TIGHT JOINTS **©** S=0.0100 ✓

22 CONSTRUCT-24" STORM INLET PER SECTION B5. SHEET C-319 TG=49:00 48.43

INV. OUT (S) =47,19.02 23 CONNECT 24" STORM DRAIN TO EXISTING 24" HDPE STORM DRAIN. INSTALL 137 LF 24" HDPE STORM DRAIN WITH WATER TIGHT JOINTS

● S=0.0350 (24) CONSTRUCT TYPE 'E' STORM MANHOLE PER DETAILS, SHEET C-320 RIM = 33.5 34.19

INV. IN (N) = 25.60.27; INV. OUT (8) = 25.5055 INSTALL 79.21 LF 24" HDPE STORM DRAIN WITH WATER TIGHT JOINTS ● S=0.0100 0.0113

26 CONSTRUCT TYPE 'E' STORM MANHOLE PER DETAILS, SHEET C-320 RIM = 33.5 33.00 .64 INV. IN (W - & N) = 26.90; INV. OUT (S) = 26.40INV IN (W) = 26.48

(3) INV. IN (UNDERDRAIN-W)=28.16 27.45 (27) INSTALL 231.4 LF 18" HDPE STORM DRAIN WATER TIGHT JOINTS

€8 CONSTRUCT 24" STORM INLET PER SECTION B5 SHEET C-319 3 TG= 36.16

(SEE SHEET C-117 FOR AS BUILT BLEVATIONS INV. IN (S)=32.79: INV. OUT (F)=32.40

29 HNSTALL 83.50 LF 18" HDPE STORM DRAIN WITH WATER TIGHT JOINTS 9 S=0.0100 O.0126

(30) CONSTRUCT TYPE 'E' STORM MANHOLE PER DETAILS, SHEET C-320

RIM = 33.8.17INV. IN (W) = 27.96.78; INV. OUT (S) = 27.773 INV. IN (UNDERDRAIN-W)=28:16 27.97

(31) INSTALL 231.4 LF 18" HDPE STORM DRAIN WITH WATER TIGHT JOINTS

@ S=0.0199 O.0187 ② CONSTRUCT 24" STORM INLET PER SECTION B5. SHEET C-319

A TG=36,16.07; INV. JH OUT (N)=34,58 .35 (33) INSTALL 169 LF 12" HDPE STORM DRAIN WITH WATER TIGHT JOINTS

(34) CONSTRUCT 24" STORM INLET PER SECTION B5, SHEET C-319

3 TG=36,16.17; INV. IN (S) =33,74.51 INV. OUT (N) =33,65.39

35 INSTALL 178 LF 12" HDPE STORM DRAIN WITH WATER TIGHT JOINTS ● S=0.0070 0.0053 (36) INSTALL 178 LF 18" HDPE STORM DRAIN WITH

WATER TIGHT JOINTS © S=0.0100 0.0067

(37) INSTALL 171.50 LF 12" HDPE STORM DRAIN WITH WATER TIGHT JOINTS @ S=0.0050 0.0064 (38) INSTALL 172 LF 12" HDPE STORM DRAIN WITH

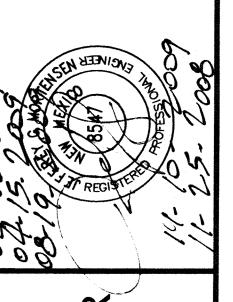
WATER TIGHT JOINTS @ S=0.0050 0.0049 (39) CONSTRUCT 36" 25" WIDE DRAINAGE RUNDOWN PER

SECTION A4 / SHEET C-320 (40) -CONSTRUCT 24" STORM INLET PER SECTION B5. SHEET C-319. SEE SHEET L-310B FOR

3 ADDITIONAL INFORMATION TG=49.38.30, HNV. 42.20 INV IN (N) 42.97 INV OUT (S) 42.87

(41) THE GRADING PLAN DEPICTS FINAL GRADES WITHIN THE BUFFER LANDSCAPING, PARKING LOT END ISLANDS AND WATER HARVESTING AREAS OF THE PARKING ISLANDS. CONTRACTOR SHALL LEAVE THE SUBGRADE 4" BELOW THE FINAL GRADE TO ACCOMMODATE FUTURE LANDSCAPE IMPROVEMENTS (PHASE 2)

(42) INSTALL 20 LF 12" HOPE STORM DRAIN WITH WATERTIGHT JOINTS . S=0.0100 TO CONNECT UNDERDRAIN TO SOMH (43) INSTALL 12" HDPE II 1/44 ELL. FOR



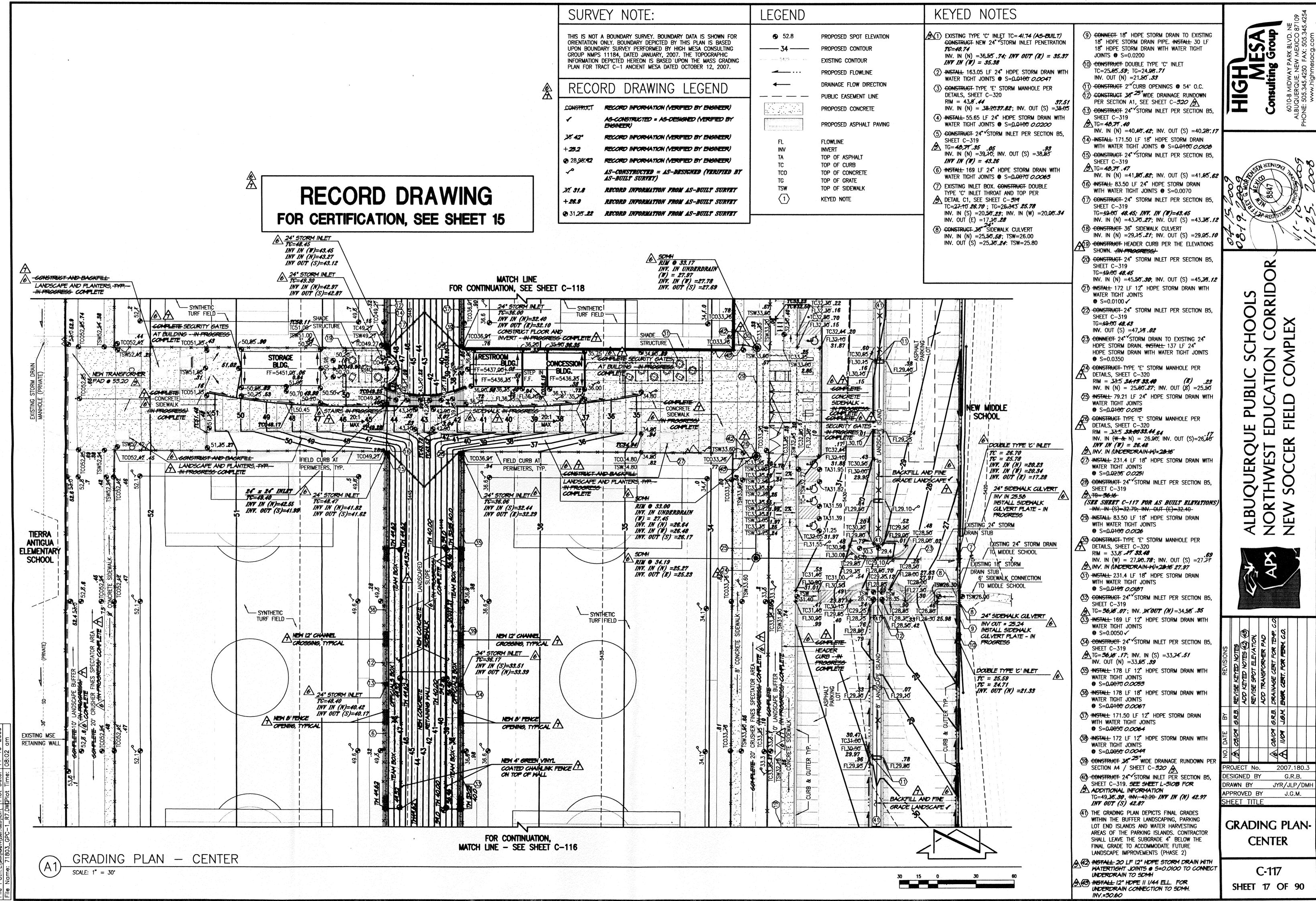
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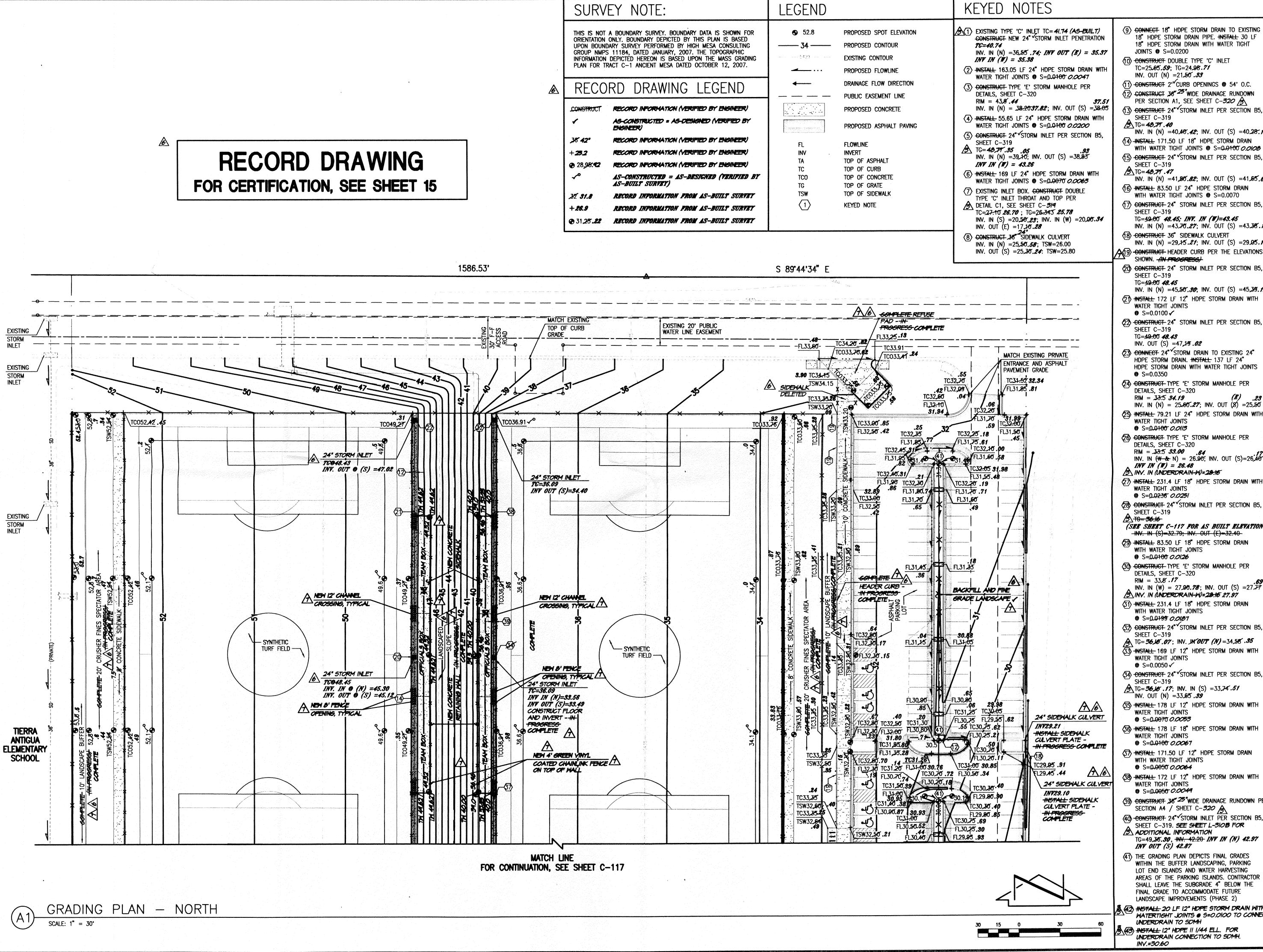


REVISIONS	REVISED GRADING AND	FUTURE TRACK LAYOUT	REVISED GRADING PER	AS-BUILT DATA, REVISE KEYE	(E) (E) SELION CELLEN GOV	REVISE SPOT ELEVATION.	08/09 G.R.B. DRAINAGE CERT FOR TEMP.	J.G.M. ENGR. CERT. FOR PERM. C.O	
₩	G.R.B.		G.R.B.				G.R.B.	J.G.M.	
NO. DATE	05/09		60/60				08/09	11/04	- 1
NO.	Ø		8				9	\forall	
PROJECT No. 2007.180.3									
DESIGNED BY G.R.B.									
DRAWN BY JYR/JLP/DMH									
	PRC		D E	3Y		J	.G.I	M.	
SHEET TITLE									

GRADING PLAN-SOUTH

C-116 SHEET 16 OF 90





(9) CONNECT 18" HDPE STORM DRAIN TO EXISTING 18" HDPE STORM DRAIN PIPE. INSTALL 30 LF 18" HDPE STORM DRAIN WITH WATER TIGHT

(10) CONSTRUCT DOUBLE TYPE 'C' INLET

(11) CONSTRUCT 2" CURB OPENINGS @ 54' O.C. CONSTRUCT 36" 25" WIDE DRAINAGE RUNDOWN PER SECTION A1, SEE SHEET C-320 A

(13) CONSTRUCT 24" STORM INLET PER SECTION B5.

INV. IN (N) =40.48.42; INV. OUT (S) =40.28.1 (14) INSTALL 171.50 LF 18" HDPE STORM DRAIN WITH WATER TIGHT JOINTS @ S=0.0100 O.OIOB

INV. IN (N) =41,80.82; INV. OUT (S) =41,65.62

(16) INSTALL 83.50 LF 24" HDPE STORM DRAIN WITH WATER TIGHT JOINTS @ S=0.0070

TG=49.00 48.45; INV. IN (W)=43.45 INV. IN (N) =43.70.27; INV. OUT (S) =43.38.12

INV. IN (N) =29.25.21; INV. OUT (S) =29.25.10 (19) -CONSTRUCT HEADER CURB PER THE ELEVATIONS

20 CONSTRUCT 24" STORM INLET PER SECTION B5,

INV. IN (N) =45,50°.30°; INV. OUT (S) =45,39°.12 (21) INSTALL 172 LF 12" HDPE STORM DRAIN WITH

(52) CONSTRUCT 24" STORM INLET PER SECTION B5.

INV. OUT (S) =47,19.02 €3 CONNECT 24" STORM DRAIN TO EXISTING 24"

HDPE STORM DRAIN WITH WATER TIGHT JOINTS (24) CONSTRUCT TYPE 'E' STORM MANHOLE PER

INV. IN (N) = 25.60.27; INV. OUT (8) = 25.5025 INSTALL 79.21 LF 24" HDPE STORM DRAIN WITH

26 CONSTRUCT TYPE 'E' STORM MANHOLE PER RIM = 33.5 33.00 .64 INV. IN (W + 3c N) = 26.90; INV. OUT (S) = 26.40

3 INV. IN (UNDERDRAIN-W)=28:16 (27) INSTALL 231.4 LF 18" HDPE STORM DRAIN WITH

€ CONSTRUCT 24" STORM INLET PER SECTION B5.

(SEE SHEET C-117 FOR AS BUILT ELEVATIONS) INV. IN (S)=32.79; INV. OUT (E)=32.40

29) INSTALL 83.50 LF 18" HDPE STORM DRAIN WITH WATER TIGHT JOINTS

(30) CONSTRUCT TYPE 'E' STORM MANHOLE PER

INV. IN (W) = 27.90.78; INV. OUT (S) =27.77 /3\ INV. IN (UNDERDRAIN-W)=28:16 27.97

(31) INSTALL 231.4 LF 18" HDPE STORM DRAIN WITH WATER TIGHT JOINTS

TG=36,16.07; INV. JN OUT (N) =34,58 .35 (33) INSTALL 169 LF 12" HDPE STORM DRAIN WITH

(54) CONSTRUCT 24" STORM INLET PER SECTION B5,

"INV. OUT (N) =33.65 .39 (35) INSTALL 178 LF 12" HDPE STORM DRAIN WITH

(36) INSTALL 178 LF 18" HDPE STORM DRAIN WITH

(37) Install 171.50 LF 12" HDPE STORM DRAIN WITH WATER TIGHT JOINTS

(38) INSTALL 172 LF 12" HDPE STORM DRAIN WITH

(39) CONSTRUCT 36" 25" WIDE DRAINAGE RUNDOWN PE

SHEET C-319. SEE SHEET L-310B FOR ADDITIONAL INFORMATION

(41) THE GRADING PLAN DEPICTS FINAL GRADES WITHIN THE BUFFER LANDSCAPING, PARKING LOT END ISLANDS AND WATER HARVESTING AREAS OF THE PARKING ISLANDS. CONTRACTOR SHALL LEAVE THE SUBGRADE 4" BELOW THE FINAL GRADE TO ACCOMMODATE FUTURE LANDSCAPE IMPROVEMENTS (PHASE 2)

A (42) INSTALL 20 LF 12" HDPE STORM DRAIN WITH WATERTIGHT JOINTS . S=0.0100 TO CONNECT UNDERDRAIN TO SDMH

C-118 SHEET 18 OF 90

PROJECT No.

DESIGNED BY

APPROVED BY

HEET TITLE

GRADING PLAN

NORTH

DRAWN BY

2007.180.3

G.R.B.

JYR/JLP/DMH

J.G.M.

FIELD

RRID



ENGINEER'S TCL CERTIFICATION FOR TEMPORARY CERTIFICATE OF OCCUPANCY

I, JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THE PARKING LOT LAYOUT AND TRAFFIC CIRCULATION OF THIS PROJECT HAS BEEN ACCOMPLISHED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 02/06/2009. THE RECORD SURVEY INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT IS FROM VERIFICATION SURVEYS CONDUCTED ON 08/04/09, 08/05/09 AND 08/14/09 UNDER THE DIRECT SUPERVISION OF CHARLES G. CALA, JR., NMPS 11184, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. ADDITIONAL RECORD INFORMATION COLLECTED 08/13/2009 AND 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 TEMPORARY CERTIFICATE OF OCCUPANCY FOR THE NEW SOCCER COMPLEX AT THE APS NORTHWEST EDUCATION CORRIDOR.

THE FOLLOWING ITEMS REQUIRE COMPLETION AND CERTIFICATION FOR PERMANENT CERTIFICATE OF

- COMPLETE THE CONSTRUCTION OF CONCRETE FLATWORK (SIDEWALKS, HEADER CURBS, STAIRS, ETC.) OUTSIDE OF THE PARKING LOT CURB
- COMPLETE CONSTRUCTION OF LANDSCAPE WELLS
- COMPLETE CONSTRUCTION OF REFUSE PAD AND ENCLOSURE
- COMPLETE CONSTRUCTION OF APPROXIMATELY 50 LF OF CURB AND GUTTER AND SIDEWALK AT THE
- NORTHWEST CORNER OF THE SOUTH PARKING LOT (BEING USED FOR CONSTRUCTION ACCESS) COMPLETE CONSTRUCTION OF APPROXIMATELY 20 LF OF CURB AND GUTTER AND SIDEWALK AT THE
- SOUTHEAST CORNER OF THE SOUTH PARKING LOT (BEING USED FOR CONSTRUCTION ACCESS) COMPLETE STRIPING OF FIVE (5) PARKING SPACES AT THE NORTHWEST CORNER OF THE SOUTH
- INSTALL ACCESSIBLE PARKING SIGNS AND CONCRETE WHEEL STOPS
- CONSTRUCT BIKE PARKING AREAS
- 9. COMPLETE CONSTRUCTION OF SPECTATOR AREAS AND INSTALL BLEACHERS

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE PARKING LOT LAYOUT AND TRAFFIC CIRCULATION ASPECTS OF THIS PROJECT. THIS CERTIFICATION DOES NOT ADDRESS A.D.A. COMPLIANCE. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

JEFFREY G. MORTENSEN, MMPE 8547



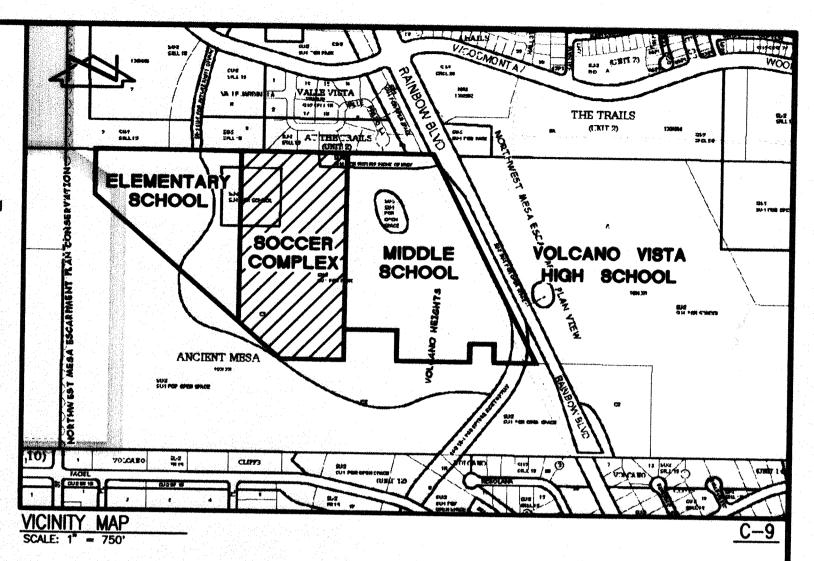
ENGINEER'S TCL CERTIFICATION FOR PERMANENT C.O.

I, JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THE PARKING LOT LAYOUT AND TRAFFIC CIRCULATION IMPROVEMENTS CONSTRUCTED AS PART OF THIS PROJECT HAVE BEEN ACCOMPLISHED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 02-06-2008 INCLUDING CORRECTIONS SPECIFIED BY THE ENGINEER'S TCL CERTIFICATION FOR TEMPORARY C.O. DATED 08-19-2009 TOGETHER WITH THE ADDITION OF PERMANENT TEAM AND OFFICIALS BOXES AT ALL FOUR FIELDS. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AS SUPPLEMENTAL SITE DATA COMBINED WITH RECORD INFORMATION OBTAINED FROM THE VERIFICATION SURVEYS CONDUCTED 08/04/2009, 08-05-2009 AND 08/14/2009, AND CONCLUDED ON 09-04-2009 AND 09-08-2009 UNDER THE DIRECT SUPERVISION OF CHARLES G. CALA, JR., NMPS 11184, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR PERMANENT CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE PARKING LOT LAYOUT AND TRAFFIC CIRCULATION ASPECTS OF THIS PROJECT. THIS CERTIFICATION DOES NOT ADDRESS ADA COMPLIANCE WHICH IS BEYOND THE SCOPE OF A TCL CERTIFICATION. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

JEFERRY G. MORPENSEN, NMPE 8547





LEGAL DESCRIPTION

A PORTION OF TRACT C-1, ANCIENT MESA

PROJECT BENCHMARK

A BRASS CAP LOCATED NEAR THE NORTHEAST CORNER OF TRACT B, ANCIENT MESA APPROXIMATELY 65 FEET EAST OF THE NORTHEAST CORNER OF THE 4' WIRE FENCE AND STAMPED: T11N TA S16 S15

ELEVATION = 5414.95 FEET (NGVD 1929)

A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184". ELEVATION = 5443.20 FEET (NGVD 1929)

T.B.M. #2

A USGLO BRASS CAP STAMPED "TA/CC/S17/S16/T11N/R2E ELEVATION = 5486.32 FEET (NGVD 1929)

INDEX OF DRAWINGS

SHEET #	DESCRIPTION	
9	SITE PLAN - SOUTH	
10	SITE PLAN - CENTER	
11	SITE PLAN - NORTH	
12	PAVING SECTIONS AND DETAILS	
13	PAVING SECTIONS AND DETAILS	
14	PAVING SECTIONS AND DETAILS	



RECORD DRAWING

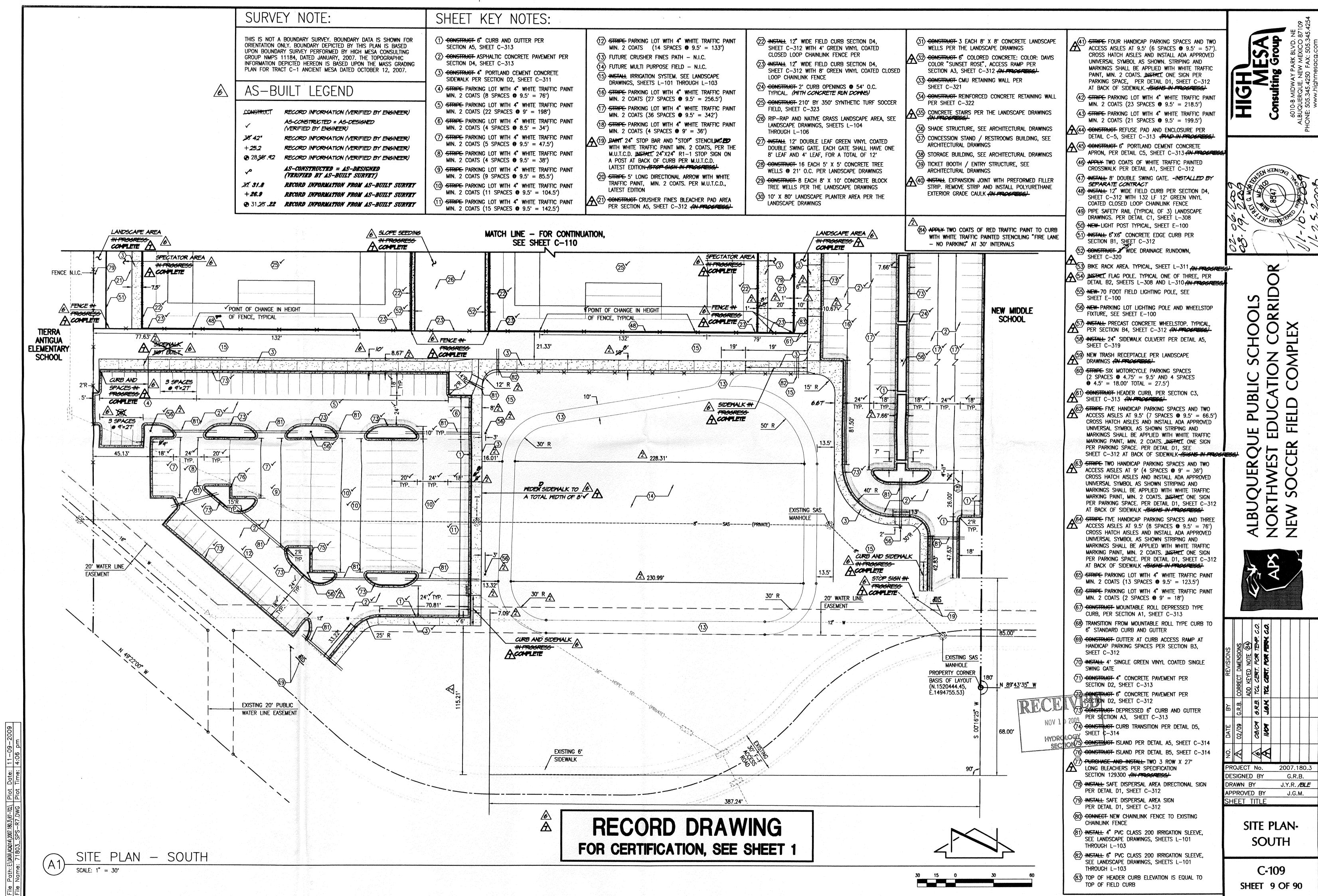
HIGH MESA Consulting Group

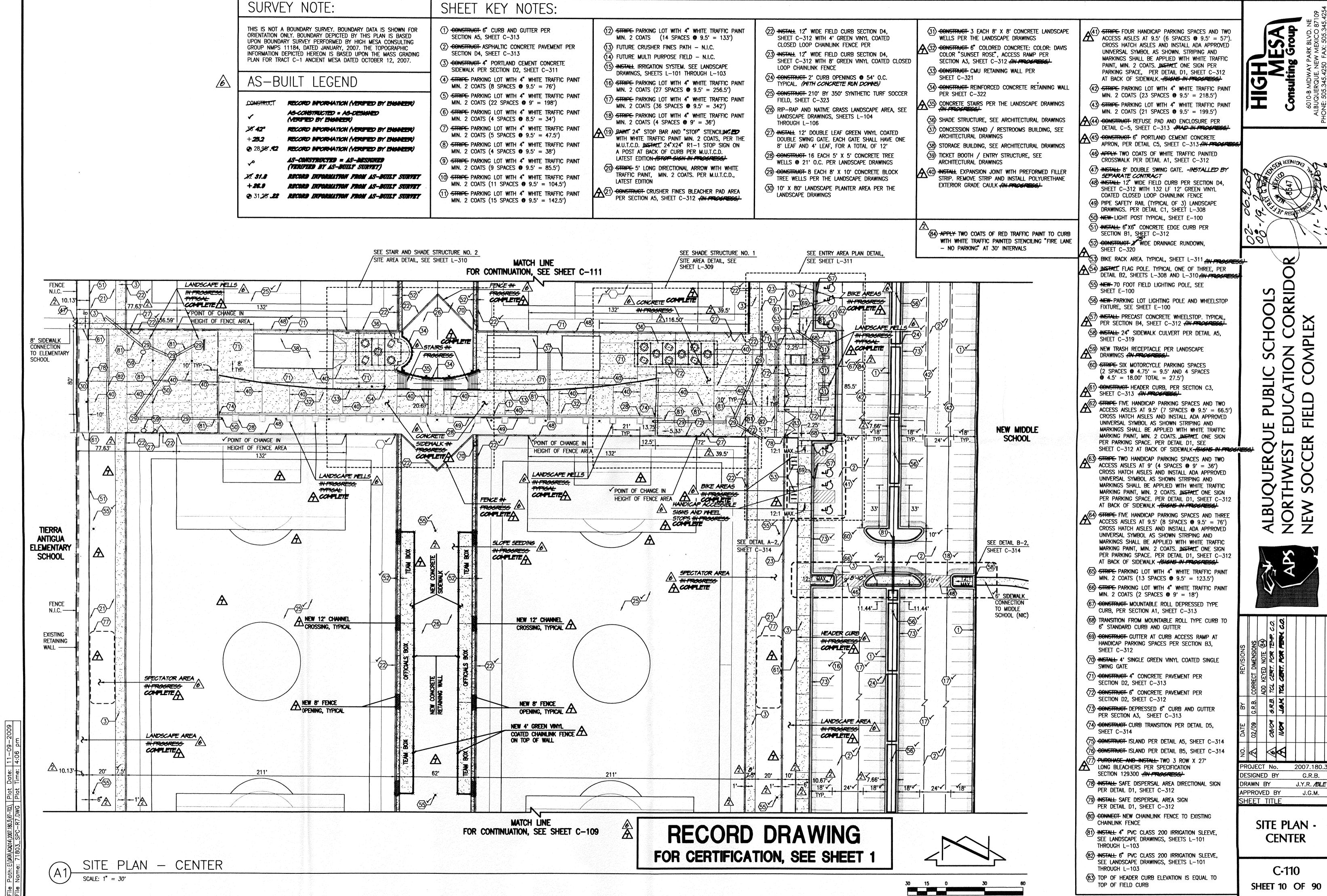
6010-B MIDWAY PARK BLVD. NE . ALBUQUERQUE, NEW MEXICO 87109

PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com

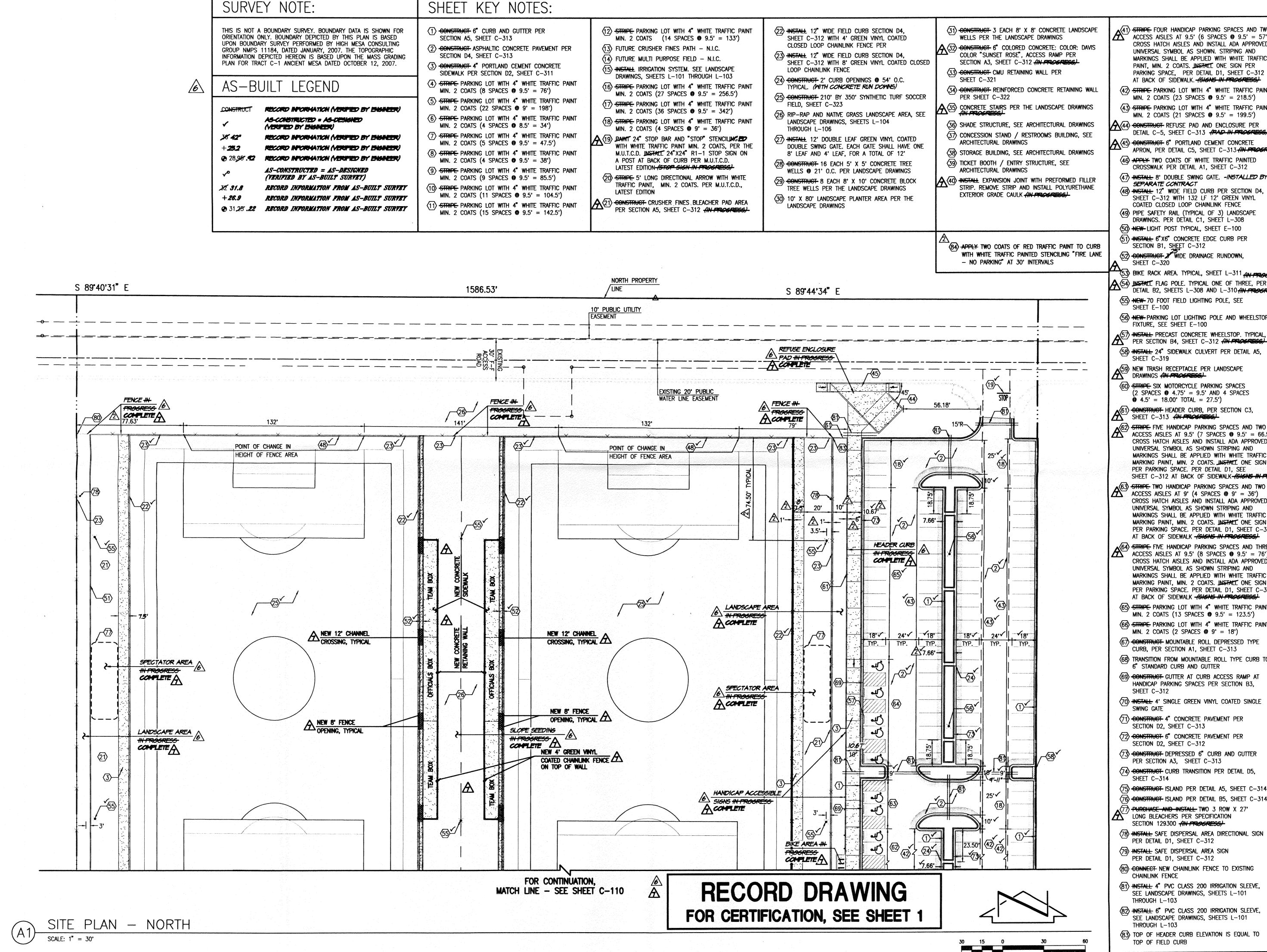
ENGINEER'S TCL CERTIFICATION SOCCER COMPLEX APS NORTHWEST EDUCATION CORRIDOR

	NO.	DATE BY REVISIONS		JOB NO.		
DESIGNED BY G.R.B.	6	08/09	GRB.	ENGINEERS TOL CERTIFICATION FOR TEMP. C.O.		2007.180.3
BRAVN BY B.L.E./J.Y.R		11/09	J6M	TCL CERTIFICATION FOR PERMANENT C.O.	DATE	
						08-2009
APPROVED BY J.G.M.					SHEET	OF .
						1 1





SHEET



STRIPE FOUR HANDICAP PARKING SPACES AND TWO ACCESS AISLES AT 9.5' (6 SPACES @ 9.5' = 57'). CROSS HATCH AISLES AND INSTALL ADA APPROVED UNIVERSAL SYMBOL AS SHOWN. STRIPING AND MARKINGS SHALL BE APPLIED WITH WHITE TRAFFIC PAINT, MIN. 2 COATS. JUSTALL ONE SIGN PER PARKING SPACE. PER DETAIL D1. SHEET C-312

AT BACK OF SIDEWALK. (SIGNS IN PROGRESS)

MIN. 2 COATS (23 SPACES @ 9.5' = 218.5') 43 STRIPE PARKING LOT WITH 4" WHITE TRAFFIC PAINT

(44) CONSTRUCT REFUSE PAD AND ENCLOSURE PER

42) STRIPE PARKING LOT WITH 4" WHITE TRAFFIC PAINT

DETAIL C-5, SHEET C-313 (PAD IN PROGREGE)

45 CONSTRUCT 6" PORTLAND CEMENT CONCRETE APRON, PER DETAIL C5, SHEET C-313 (IN PROGRE (46) APPLY TWO COATS OF WHITE TRAFFIC PAINTED

(47) INSTALL 8' DOUBLE SWING GATE. -INSTALLED BY SEPARATE CONTRACT

(48) INSTALL 12" WIDE FIELD CURB PER SECTION D4, SHEET C-312 WITH 132 LF 12' GREEN VINYL COATED CLOSED LOOP CHAINLINK FENCE

(49) PIPE SAFETY RAIL (TYPICAL OF 3) LANDSCAPE DRAWINGS. PER DETAIL C1, SHEET L-308 (50) NEW-LIGHT POST TYPICAL. SHEET E-100

SECTION B1, SHEET C-312 (52) CONSTRUCT 3 WIDE DRAINAGE RUNDOWN.

(53) BIKE RACK AREA. TYPICAL, SHEET L-311 (54) INSTALL FLAG POLE. TYPICAL ONE OF THREE, PER DETAIL B2, SHEETS L-308 AND L-310 (IN PROGRESS

(55) NEW-70 FOOT FIELD LIGHTING POLE, SEE

(56) NEW-PARKING LOT LIGHTING POLE AND WHEELSTOP FIXTURE. SEE SHEET E-100

(58) INSTALL 24" SIDEWALK CULVERT PER DETAIL A5,

59 NEW TRASH RECEPTACLE PER LANDSCAPE DRAWINGS (IN PROGRESS)

(60) STRIPE SIX MOTORCYCLE PARKING SPACES 2 SPACES **©** 4.75' = 9.5' AND 4 SPACES \bullet 4.5' = 18.00' TOTAL = 27.5')

61) CONSTRUCT HEADER CURB, PER SECTION C3, SHEET C-313 (IN PROCRESS)

62) STRIPE FIVE HANDICAP PARKING SPACES AND TWO ACCESS AISLES AT 9.5' (7 SPACES 0 9.5' = 66.5') CROSS HATCH AISLES AND INSTALL ADA APPROVED UNIVERSAL SYMBOL AS SHOWN STRIPING AND MARKINGS SHALL BE APPLIED WITH WHITE TRAFFIC MARKING PAINT, MIN. 2 COATS, JINSTALL ONE SIGN PER PARKING SPACE. PER DETAIL D1, SEE SHEET C-312 AT BACK OF SIDEWALK-(SIGNG-IN PROGRESS)

(63) STRIPE TWO HANDICAP PARKING SPACES AND TWO ACCESS AISLES AT 9' (4 SPACES @ 9' = 36') CROSS HATCH AISLES AND INSTALL ADA APPROVED UNIVERSAL SYMBOL AS SHOWN STRIPING AND MARKINGS SHALL BE APPLIED WITH WHITE TRAFFIC MARKING PAINT, MIN. 2 COATS. INSTALL ONE SIGN PER PARKING SPACE. PER DETAIL D1, SHEET C-312 AT BACK OF SIDEWALK (SIGNS IN PROGRESS

ACCESS AISLES AT 9.5' (8 SPACES @ 9.5' = 76') CROSS HATCH AISLES AND INSTALL ADA APPROVED UNIVERSAL SYMBOL AS SHOWN STRIPING AND MARKINGS SHALL BE APPLIED WITH WHITE TRAFFIC MARKING PAINT, MIN. 2 COATS. INSTALL ONE SIGN PER PARKING SPACE. PER DETAIL D1, SHEET C-31: AT BACK OF SIDEWALK - (SIGNS IN PROGRESS

(65) STRIPE PARKING LOT WITH 4" WHITE TRAFFIC PAINT MIN. 2 COATS (13 SPACES • 9.5' = 123.5')

(66) STRIPE PARKING LOT WITH 4" WHITE TRAFFIC PAINT MIN. 2 COATS (2 SPACES @ 9' = 18')

(67) CONSTRUCT MOUNTABLE ROLL DEPRESSED TYPE CURB, PER SECTION A1, SHEET C-313 (68) TRANSITION FROM MOUNTABLE ROLL TYPE CURB TO

6" STANDARD CURB AND GUTTER (69) CONSTRUCT GUTTER AT CURB ACCESS RAMP AT HANDICAP PARKING SPACES PER SECTION B3,

70 HISTALL 4' SINGLE GREEN VINYL COATED SINGLE

(71) CONSTRUCT 4" CONCRETE PAVEMENT PER SECTION D2, SHEET C-313

SECTION D2, SHEET C-312 (73) CONSTRUCT DEPRESSED 6" CURB AND GUTTER

PER SECTION A3, SHEET C-313 (74) CONSTRUCT CURB TRANSITION PER DETAIL D5,

(75) construct island per detail a5, sheet c=314 (76) construct island per detail B5, sheet C-314

SECTION 129300 AN PROCRESS! (78) INSTALL SAFE DISPERSAL AREA DIRECTIONAL SIGN

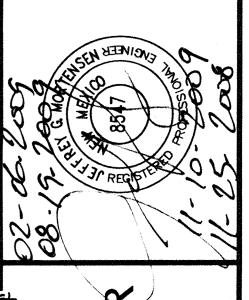
PER DETAIL D1, SHEET C-312

PER DETAIL D1, SHEET C-312 (80) CONNECT NEW CHAINLINK FENCE TO EXISTING

(81) INSTALL 4" PVC CLASS 200 IRRIGATION SLEEVE, SEE LANDSCAPE DRAWINGS, SHEETS L-101

(82) INSTALL 6" PVC CLASS 200 IRRIGATION SLEEVE, SEE LANDSCAPE DRAWINGS, SHEETS L-101

(83) TOP OF HEADER CURB ELEVATION IS EQUAL TO



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PROJECT No. 2007.180.								
DESIGNED BY						C	R.	В.
DRAWN BY						J.Y.	.R.	BLI
APPROVED BY J.G.M.							VI.	
SH	EE	T	ΓΙΤΙ	E				

SITE PLAN **NORTH**

C-111 SHEET 11 OF 90