

CITY OF ALBUQUERQUE



October 13, 2015

Jeffrey Mortensen, PE
High Mesa Consulting Group
6010 -B Midway Park Blvd NE
Albuquerque, NM 87109

Re: Chaparral ES Kindergarten Addn. Phase 2 & Phase 3
6325 Milne Rd NW
Engineer's Stamp dated: 5/21/2014 (F10D005)
Certification dated: 10-9-15

Dear Mr. Mortensen,

Based on the Certification received 10/13/2015, the site is acceptable for release of Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3999 or Totten Elliott at 924-3982.

PO Box 1293

Albuquerque

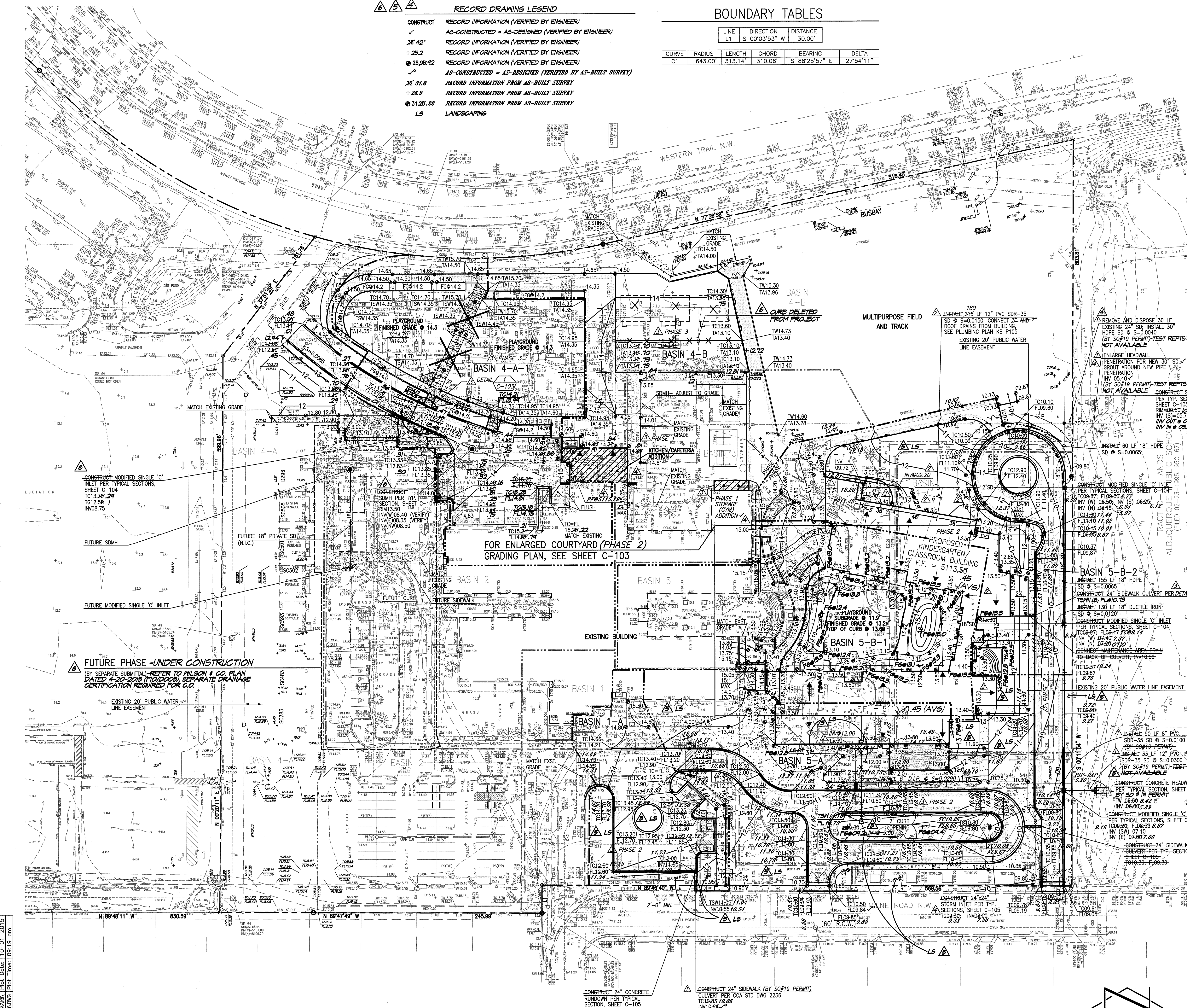
NM 87103

www.cabq.gov

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Hydrology
Planning Department

C: TE/RH
CO Clerk
email



GRADING PLAN
SCALE: 1" = 40'

File Path: A:\M\2009\04\25\10-01-2015
File Name: 90045-C-102-RE.DWG
Plot Time: 09:19 AM

RECORD DRAWING LEGEND	
CONSTRUCT	RECORD INFORMATION (VERIFIED BY ENGINEER)
AS-CONSTRUCTED	AS-DESIGNED (VERIFIED BY ENGINEER)
RECORD INFORMATION (VERIFIED BY ENGINEER)	
RECORD INFORMATION (VERIFIED BY ENGINEER)	
RECORD INFORMATION (VERIFIED BY ENGINEER)	
AS-CONSTRUCTED	AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
RECORD INFORMATION FROM AS-BUILT SURVEY	
RECORD INFORMATION FROM AS-BUILT SURVEY	
RECORD INFORMATION FROM AS-BUILT SURVEY	
LANDSCAPING	

BOUNDARY TABLES				
LINE	DIRECTION	DISTANCE		
LT	S 00°03'53" W	30.00'		
CURVE	RADIUS	LENGTH	CHORD	BEARING
C1	643.00'	313.14'	310.06'	S 88°25'57" E
				27°54'11"

BENCHMARKS	
FOR BENCHMARKS AND TEMPORARY BENCHMARKS, SEE SHEET 1.	
DESCRIPTION	
FOR DESCRIPTION, SEE SHEET 1.	
BOUNDARY TABLES	
FOR BOUNDARY TABLES, SEE SHEET 1.	
EASEMENT KEYED NOTES	
FOR EASEMENT KEYED NOTES, SEE SHEET 1.	
DESIGN SURVEY NOTE	
THIS IS NOT A BOUNDARY SURVEY. DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON AN UNRECORDED BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, L.P., DATED 04/03/2009 (2009.004.3). THE TOPOGRAPHIC INFORMATION DEPICTED HEREON (SCREENED) IS BASED UPON THE TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, L.P., DATED 04/03/2009, UPDATED 04/29/2010 (2009.187.5) AND SUPPLEMENTED BY RECORD DRAWINGS BY HMC (UNSCREENED) (2009.004.3, 2009.004.5, 2011.180.9).	
EXISTING LEGEND	
FOR EXISTING LEGEND, SEE SHEET 1	
GRADING LEGEND	
25.41	PROPOSED SPOT ELEVATION
24.85	EXISTING SPOT ELEVATION
08	PROPOSED CONTOUR
5008	EXISTING CONTOUR
5008	PROPOSED FLOWLINE
5008	EXISTING FLOWLINE
5008	PROPOSED ROOF DRAINAGE
5008	EXISTING ROOF DRAINAGE
5008	RIGHT OF WAY LINE
5008	PUBLIC EASEMENT LINE
5008	PROPOSED CONCRETE
5008	PROPOSED ASPHALT
5008	PROPOSED RETAINING WALL
5008	HIGH POINT
5008	PROPOSED BASIN BOUNDARY
5008	EXISTING BASIN BOUNDARY

- CONSTRUCTION NOTES**
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990 FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING UTILITIES OWNED AND OPERATED BY ALBUQUERQUE PUBLIC SCHOOLS.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
 - ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
 - ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
 - 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. ANY SUCH 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, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, IDENTIFYING AND PRESERVING ANY AND ALL EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THESE LINES AND FACILITIES.
 - THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
 - AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
 - BACKFILL IMPACT SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
 - MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
 - AS A CONDITION FOR PHASE 2 CERTIFICATE OF OCCUPANCY, CONTRACTOR MUST PROVIDE COPIES OF ALL COMPACTION AND CONCRETE TEST REPORTS FOR ALL SO#19 PERMIT WORK.

APPROVALS		NAME	DATE
HYDROLOGY			
SIDEWALK INSPECTOR			
STORM DRAIN MAINTENANCE		JASON RODRIGUEZ VIA E-MAIL	10-17-2014

- EROSION CONTROL MEASURES**
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
 - 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.
 - WHEN APPLICABLE, CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.

CHERRY/SEE/REAMES ARCHITECTS, LLP
220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1272 fax 505 - 766 - 9269

10-09-2015
12-12-2014
05-21-2014
11-21-2013
4-25-2013

Chaparral Elementary School Addition
6325 Milne Rd NW
Albuquerque, NM 87120

KEY PLAN NOT REQUIRED

DATE	PHASE	REMARKS
04/2015	PHASE 3	
08/2015	PHASE 2	
12-2014	REC. DING & CERT. PHASE 2	
05-2014	PHASE 2	
11-2013	RD	
4/13/2013	SO#19	
4/13/2013	100K CD SUBMITTAL	
9/28/2012	50K CD SUBMITTAL	
6/11/2010	100K CD SUBMITTAL	
3/22/2010	95K CD SUBMITTAL	
12/18/2009	50K CD SUBMITTAL	
9/30/2009	DD SUBMITTAL	
6/15/2009	SD SUBMITTAL	

MARK DATE DESCRIPTION

ISSUE

MANAGEMENT BLOCK

PROJECT NO: CHAPARRAL
CAD DWG FILE: 2009.0047/2009.004.8
DRAWN BY: JLP/CFM/BLK/JSJ/YJR.
CHECKED BY: JGCM
COPYRIGHT: Cherry/See/Reames LLP, 2013

TITLE OF SHEET

GRADING PLAN

SHEET NUMBER

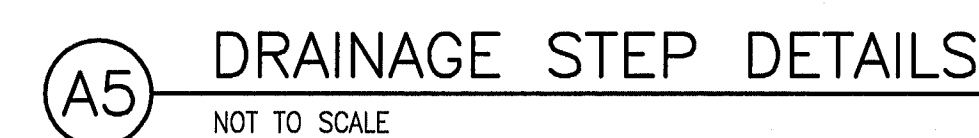
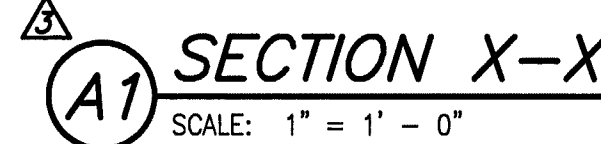
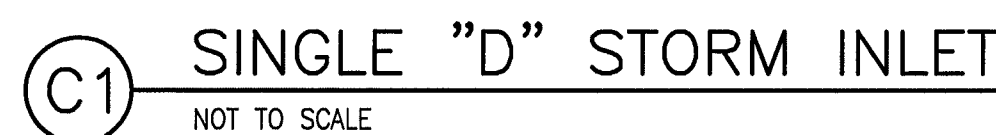
C-102

SHEET OF





OF

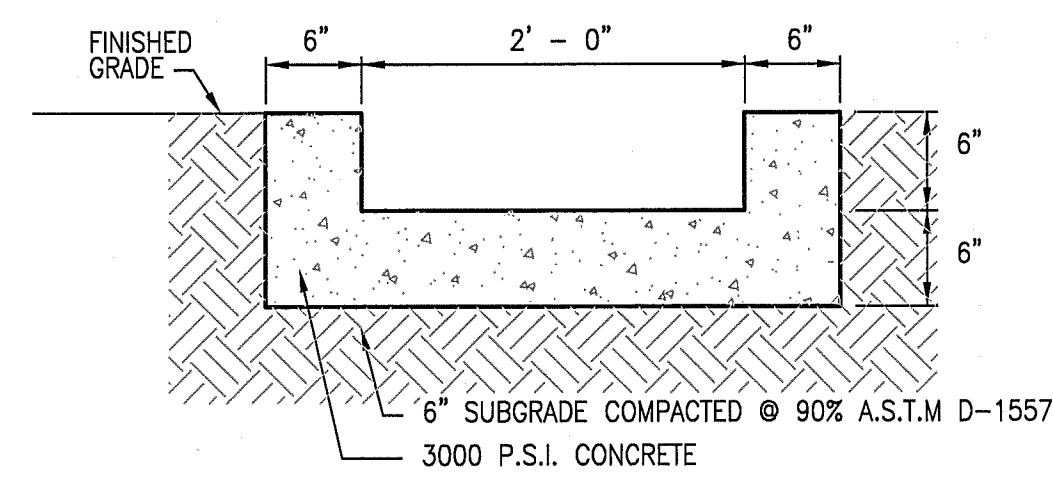
RECORD DRAWING
FOR CERTIFICATION, SEE SHEET C-103

HIGH MESA Consulting Group
4010-B MIDWAY PARK BLVD. NE
ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 FAX: 505.345.4254
www.highmesacg.com

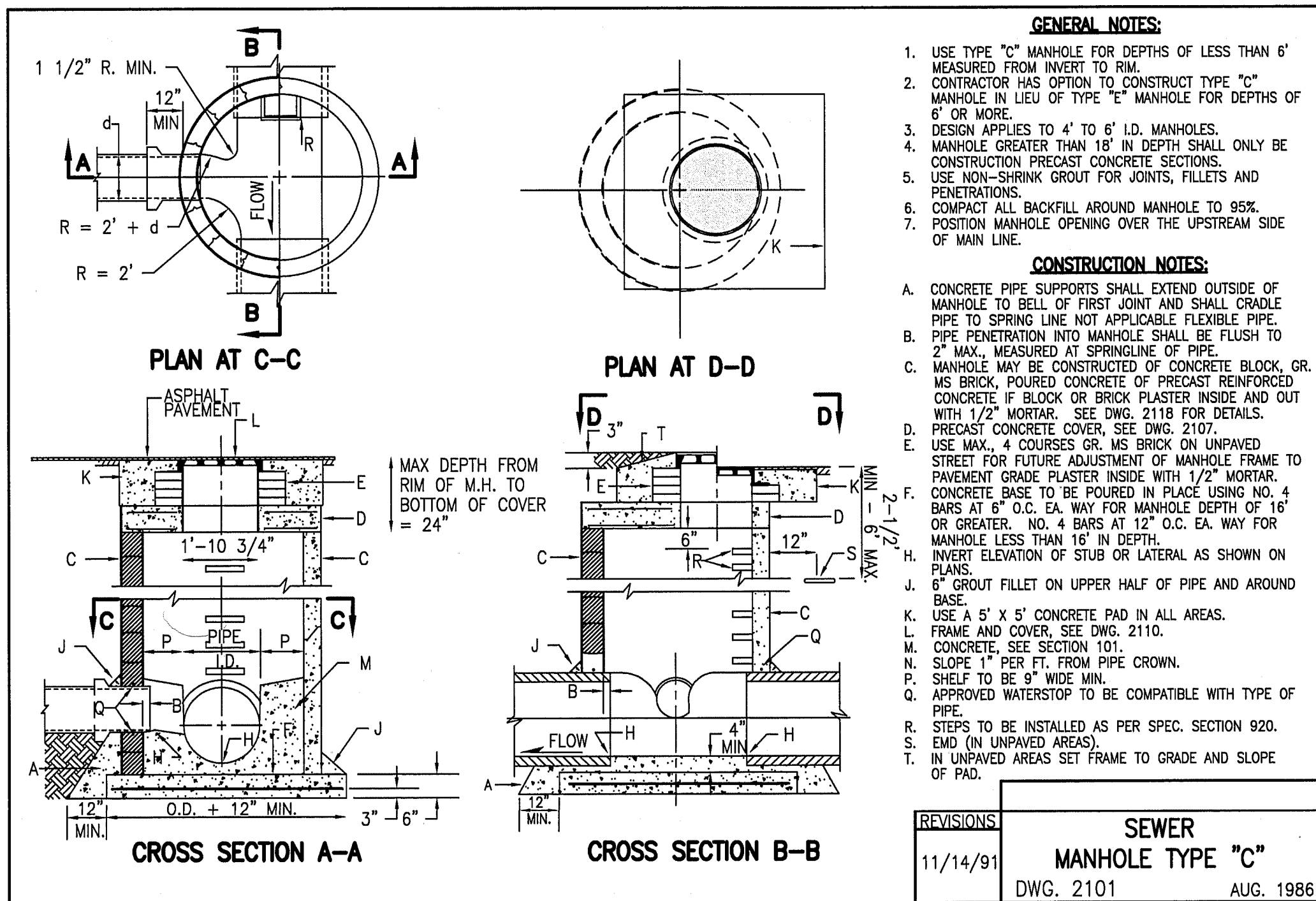


HIGH MESA
Consulting Group

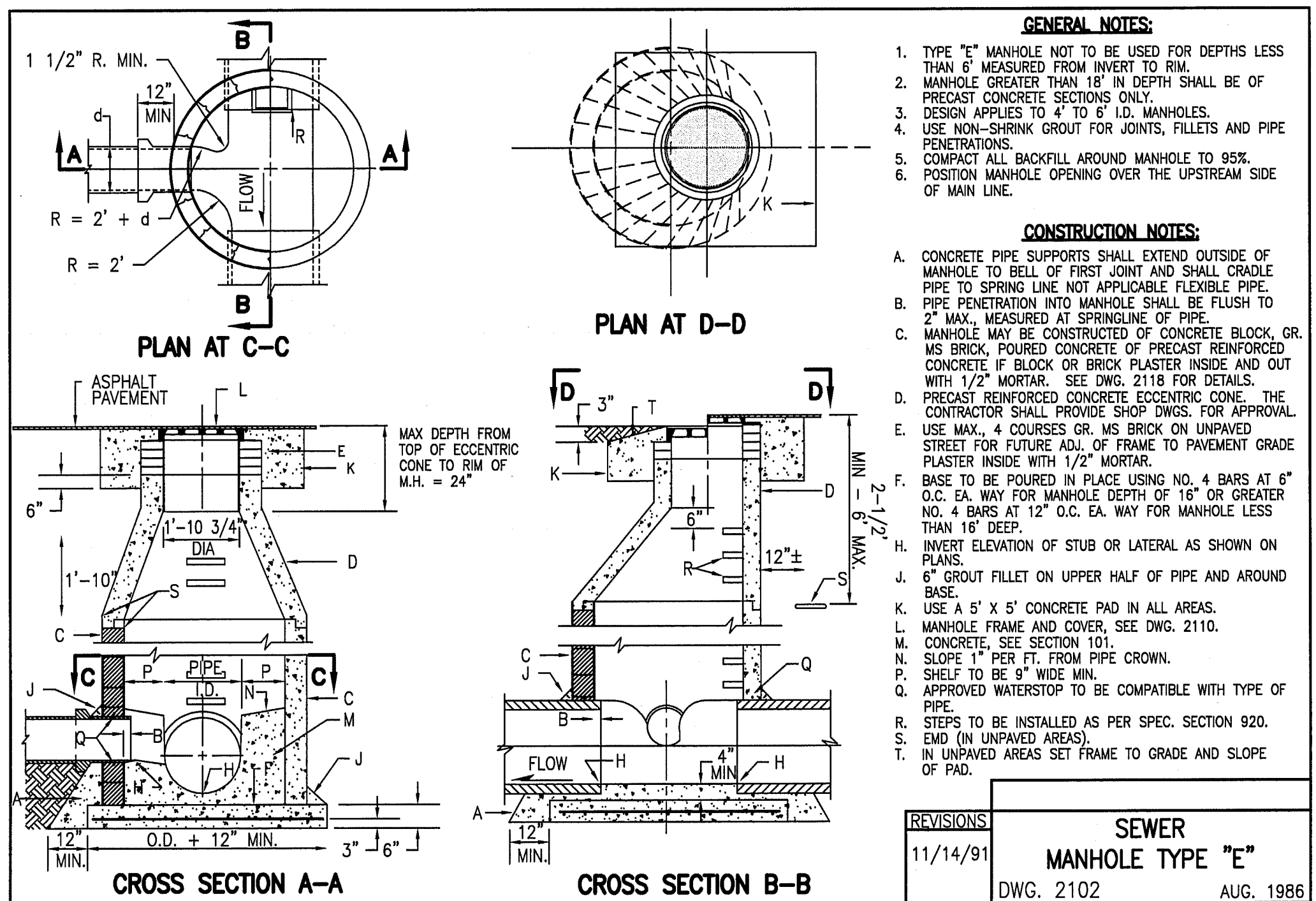
	04/2015	PHASE 3 CERT.
	08/2015	PHASE 2 RECERT
	12-2014	REC. DIVS & CERT. PHASE 2
	05-2014	PHASING
	4/1/2013	100% CD SUBMITTAL
	9/28/2012	50% CD SUBMITTAL
	6/11/2010	100% CD SUBMITTAL
	3/22/2010	95% CD SUBMITTAL
	12/18/2009	50% CD SUBMITTAL
	9/30/2009	DD SUBMITTAL
	6/15/2009	DD SUBMITTAL
MARK	DATE	DESCRIPTION



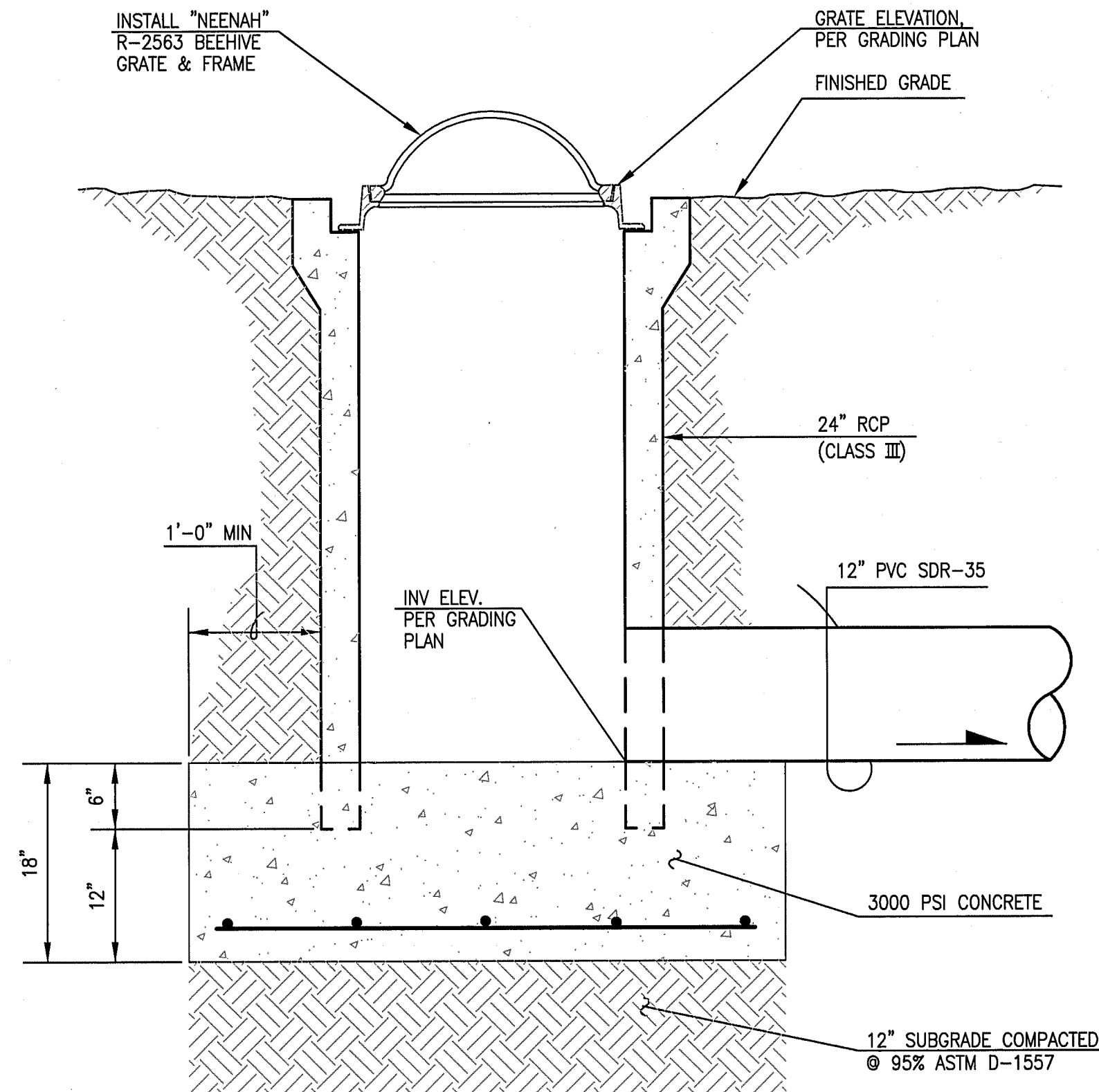
E1 TYPICAL RUNDOWN SECTION
SCALE: 1" = 1'-0"



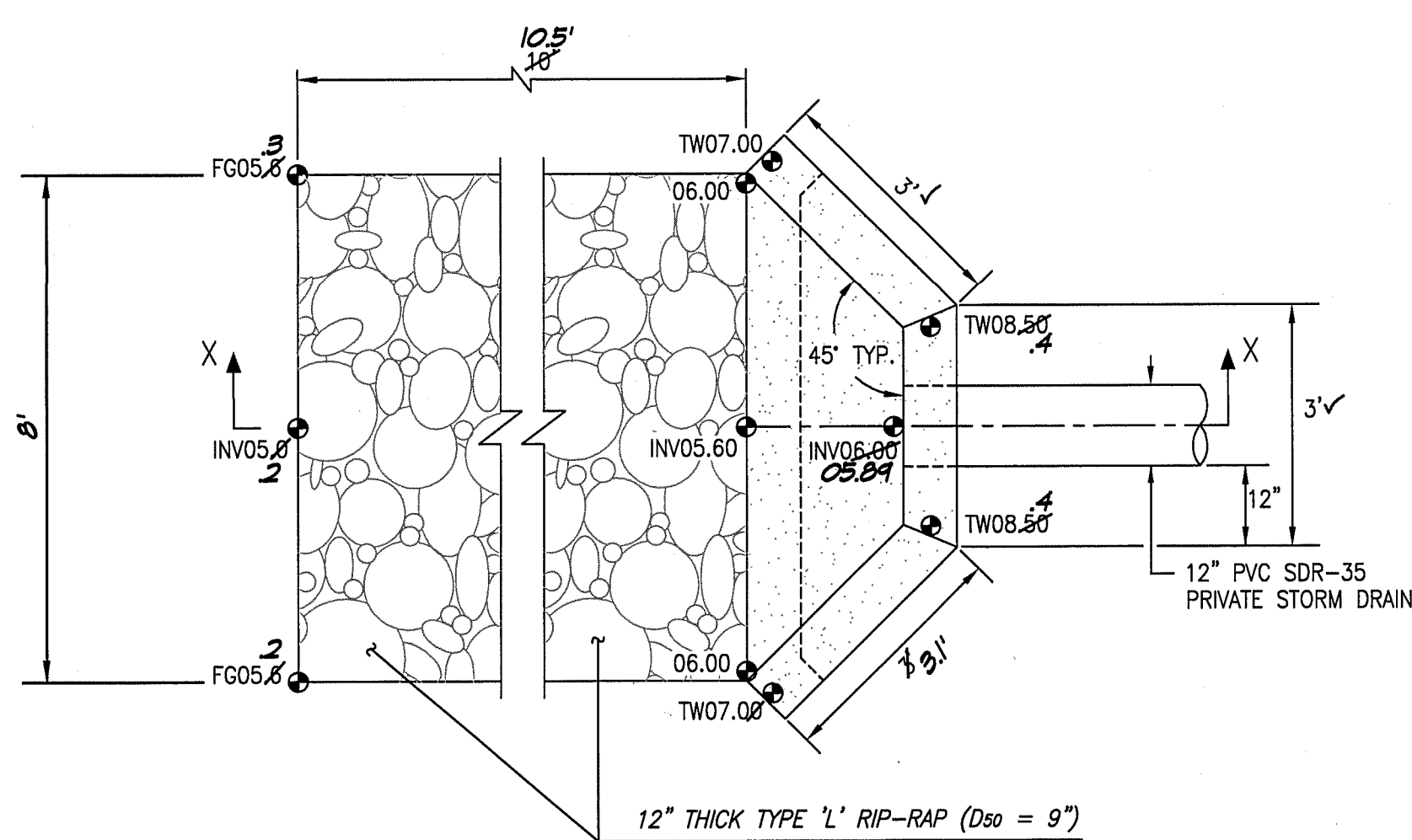
C1 SEWER MANHOLE TYPE "C"
NOT TO SCALE



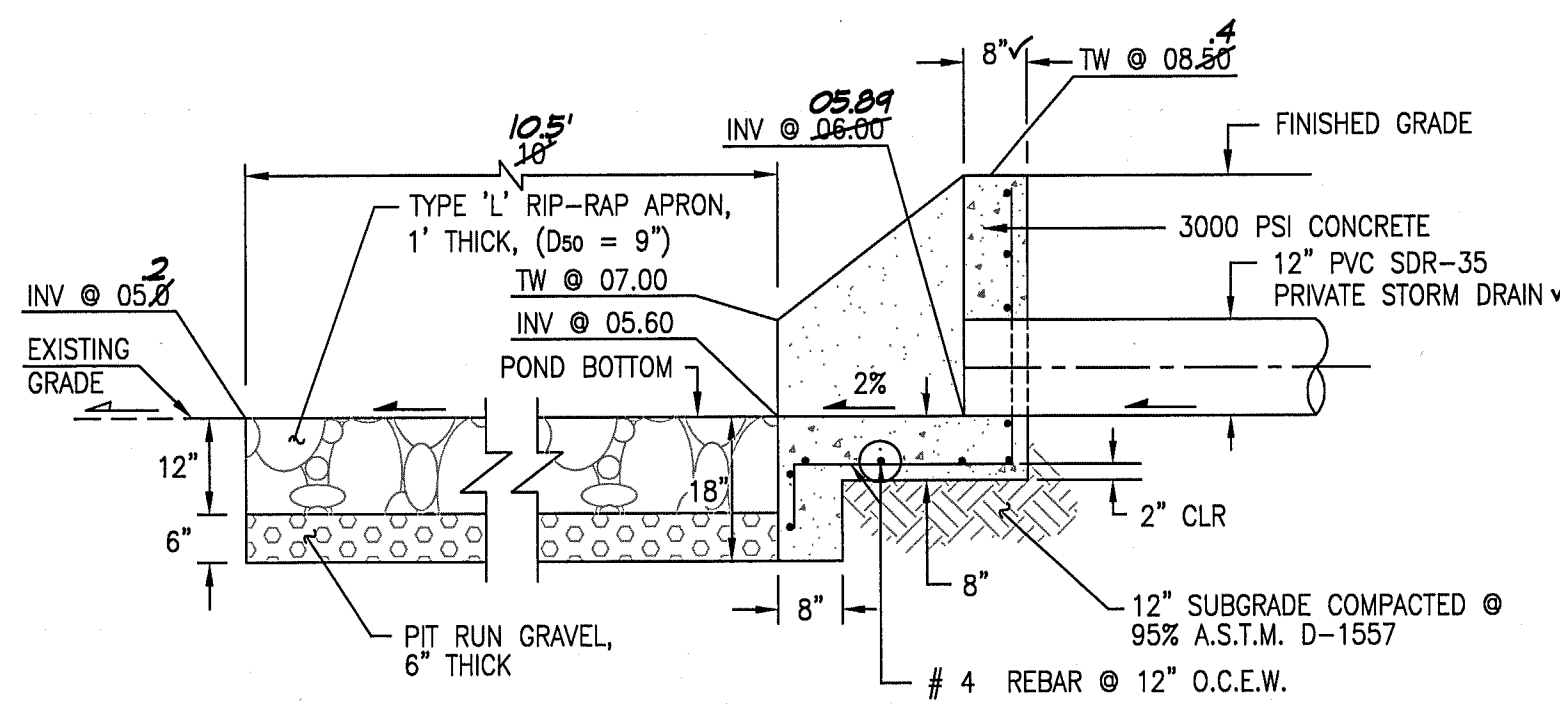
A1 SEWER MANHOLE TYPE "E"
NOT TO SCALE



D3 BEEHIVE INLET SECTION
SCALE: 1" = 1'-0"



△△ TYPICAL HEADWALL PLAN VIEW (PHASE 2)
SCALE: 1" = 2' - 0"



△ SECTION X-X
SCALE: 1" = 2' - 0"

△△ **A3** TYPICAL HEADWALL (BY SO#19 PERMIT) - PHASE 2
NOT TO SCALE

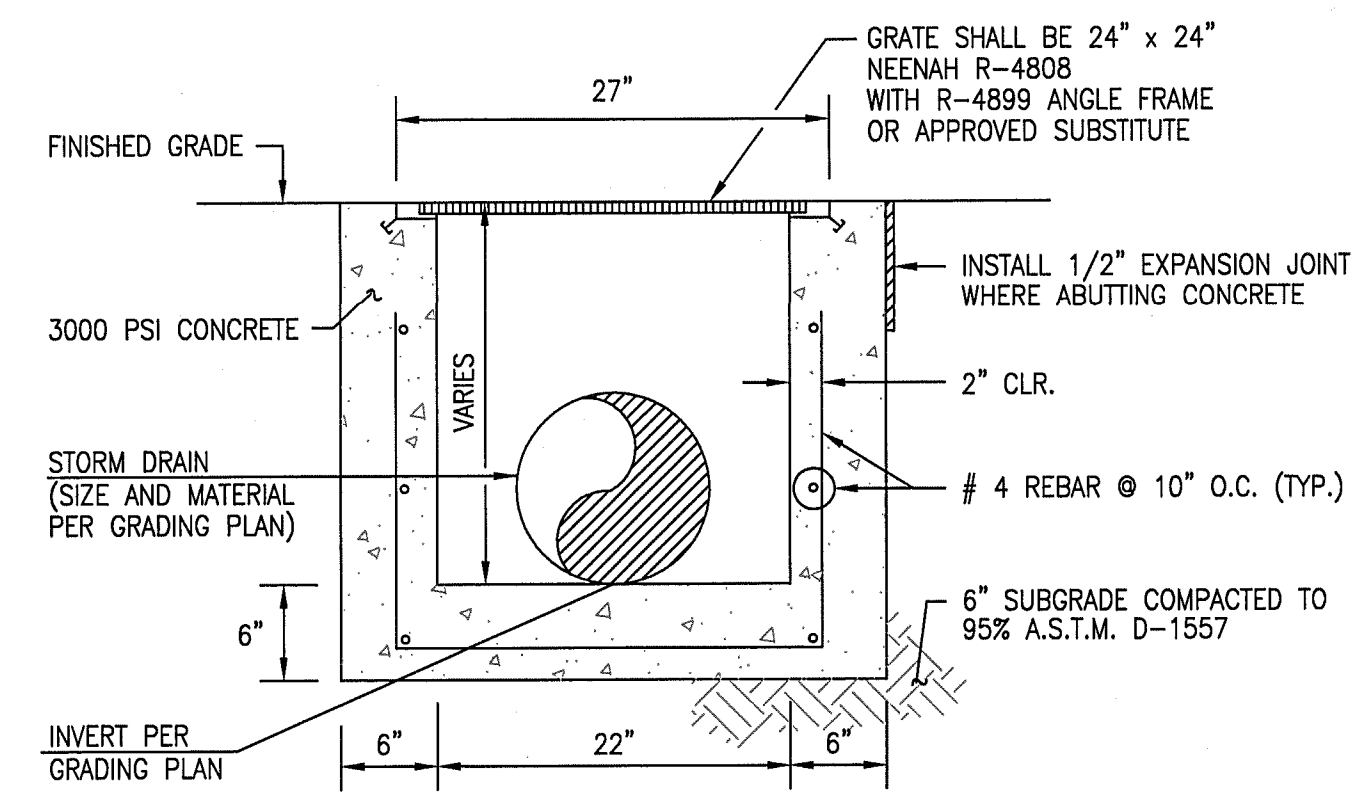
EROSION CONTROL MEASURES

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3. WHEN APPLICABLE, CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.

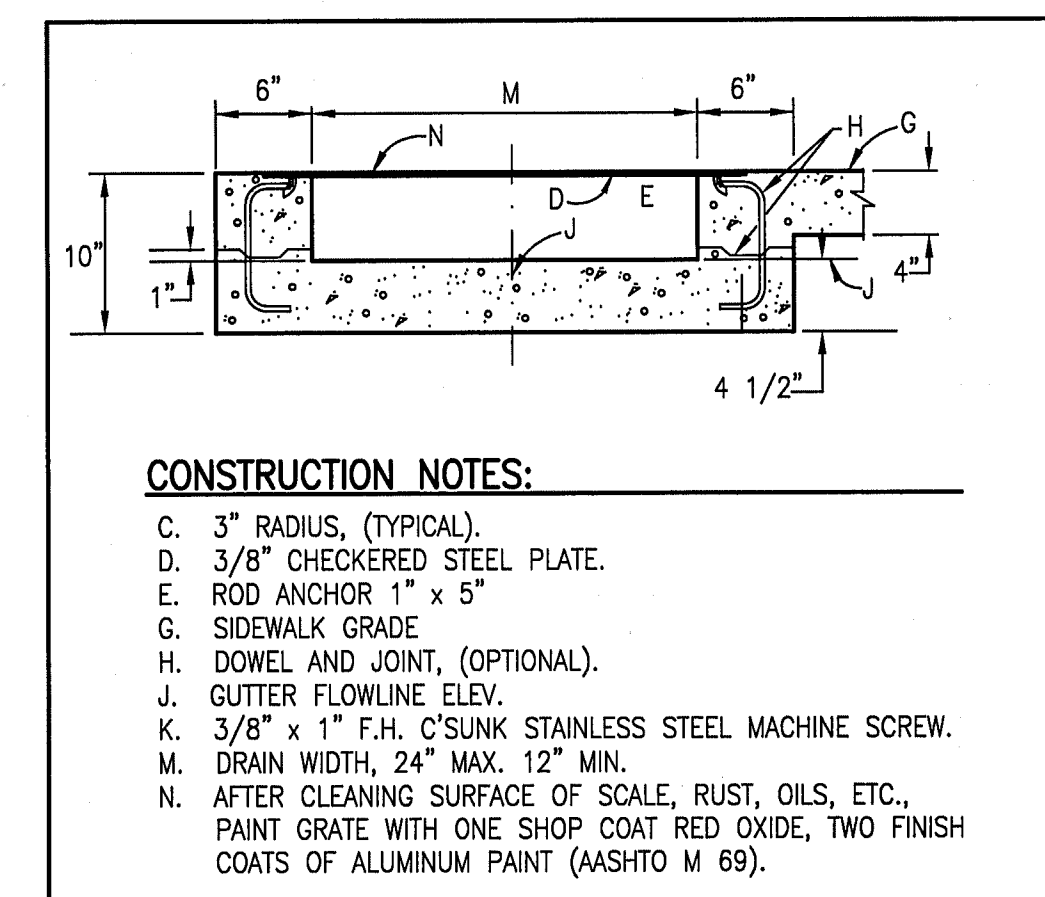
CONSTRUCTION NOTES

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APPROVALS	NAME	DATE
HYDROLOGY		
SIDEWALK INSPECTOR		
STORM DRAIN MAINTENANCE	JASON RODRIGUEZ VIA E-MAIL	10-17-2014



C5 TYPICAL 24"x24" STORM INLET SECTION
SCALE: 1" = 1'-0"



CONSTRUCTION NOTES:

- A. 3" RADIUS, (TYPICAL).
- B. 3/8" CHECKERED STEEL PLATE.
- C. ROD ANCHOR 1" x 5"
- D. SIDEWALK GRADE
- E. DOWEL AND JOINT, (OPTIONAL).
- F. GUTTER FLOWLINE ELEV.
- G. 3/8" x 1" F.H. OSUNK STAINLESS STEEL MACHINE SCREW.
- H. AFTER CLEANING SURFACE OF SCALE, RUST, OILS, ETC., PAINT GRATE WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS OF ALUMINUM PAINT (ASHTO M 69).

A5 SIDEWALK CULVERT (PRIVATE)
SCALE: 1" = 0'-6"

RECORD DRAWING
FOR CERTIFICATION, SEE SHEET C-103

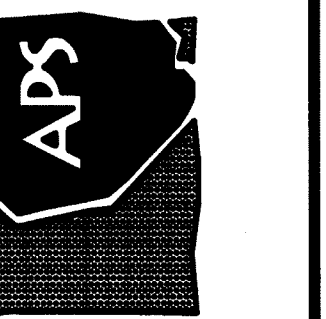
HIGH MESA
Consulting Group

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ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 FAX: 505.345.4254
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ARCHITECTS, LLP
220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1278 fax 505 - 766 - 9269

10-09-2015
12-12-2014
05-21-2014
04-25-2013
03-28-2013

Chaparral Elementary School Addition
6325 Milne Rd NW
Albuquerque, NM 87120



KEY PLAN NOT REQUIRED

DATE	PHASE	REVISION
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08/2015	PHASE 2	
12-2014	PHASE 2	
05-2014	PHASE 2	
4/13/2013	PHASE 2	
4/1/2013	100% CD SUBMITTAL	
9/18/2012	50% CD SUBMITTAL	
6/11/2010	100% CD SUBMITTAL	
3/22/2010	95% CD SUBMITTAL	
12/18/2009	50% CD SUBMITTAL	
9/30/2009	DD SUBMITTAL	
6/15/2009	SD SUBMITTAL	
MARK	DATE	DESCRIPTION

MANAGEMENT BLOCK

PROJECT NO: CHAPARRAL
CAD DWG FILE 2009.0042/2009.004.8
DRAWN BY: CFA/BLE/JDS/EJS/SCC
CHECKED BY: JGM
COPYRIGHT: Cherry/See/Reames LLP, 2003

TITLE OF SHEET DRAINAGE AND MANHOLE SECTIONS & DETAILS

SHEET NUMBER
C-105
SHEET OF

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File Name: 50045-C-105-RECORD Plot Time: 09:13 am