

NOTES:
 1.) CONTRACTOR TO COORDINATE WITH ALL LOCAL UTILITIES FOR SERVICE CONNECTIONS.

THE EXISTING SEWER LENGTH, SIZES, FLOWLINES, DEPTHS OF STRUCTURES AND SEWERS AND LOCATIONS WITH RESPECT TO EXISTING OR PROPOSED EASEMENTS HAVE BEEN MEASURED. THE RESULTS OF THOSE MEASUREMENTS ARE ON THIS SET OF FINAL MEASUREMENT PLANS. SINCE THE WYE LOCATIONS HAVE BEEN PLOTTED FROM INFORMATION PROVIDED BY THE SEWER CONTRACTOR OR OTHER SOURCES, I DISCLAIM ANY RESPONSIBILITY FOR THAT SPECIFIC INFORMATION.

ALL PUBLIC SEWERS ARE LOCATED WITHIN DESIGNATED EXISTING OR PROPOSED EASEMENTS EXCEPT AS FOLLOWS:

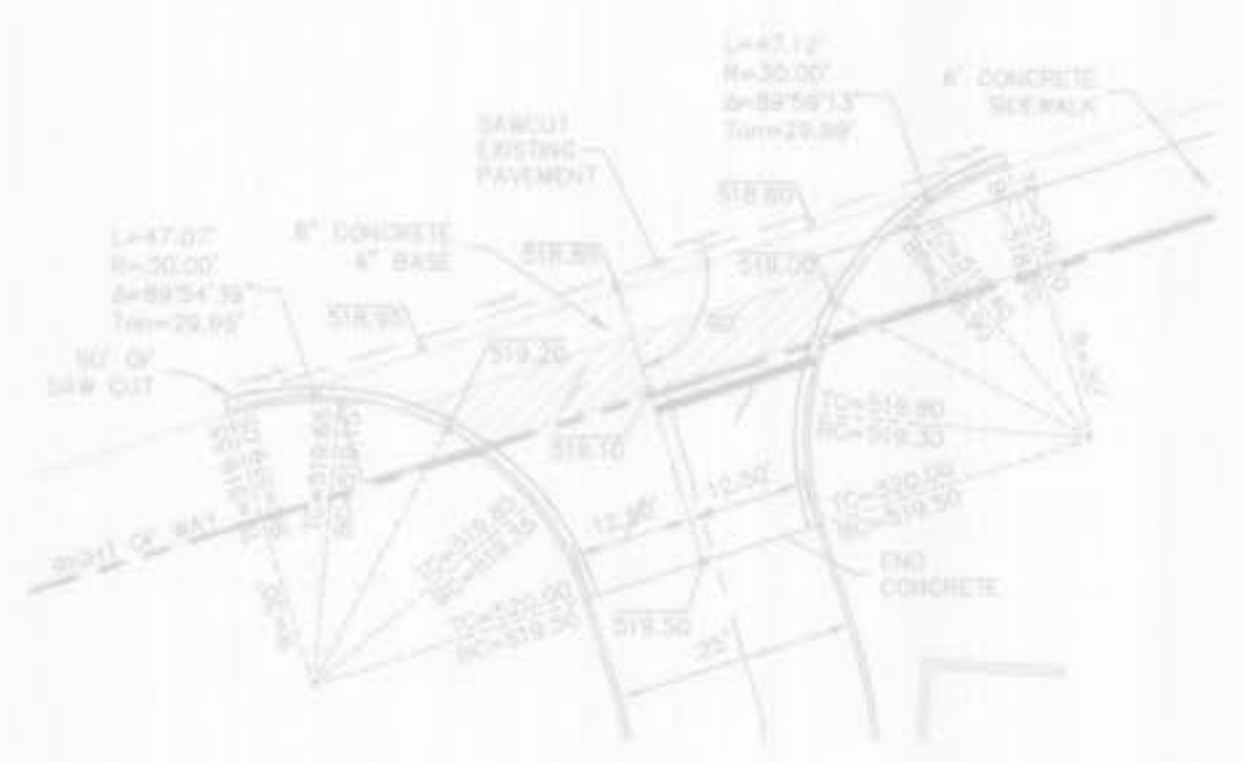
COLE & ASSOCIATES INC. L.S. 266-D
 PROJECT NO. 06-086 (SEWER AS-BUILTS ONLY)

The Professional, whose signature and personal seal appear hereon, assumes responsibility only for what appears on this page, and disclaims (pursuant to Section 327.411 RSMo) any responsibility for all other plans, specifications, estimates, reports, or other documents or instruments not sealed by the undersigned Professional relating to, or intended to be used for, any part or parts of the project to which this page refers.

"AS-BUILT" 5-20-2009



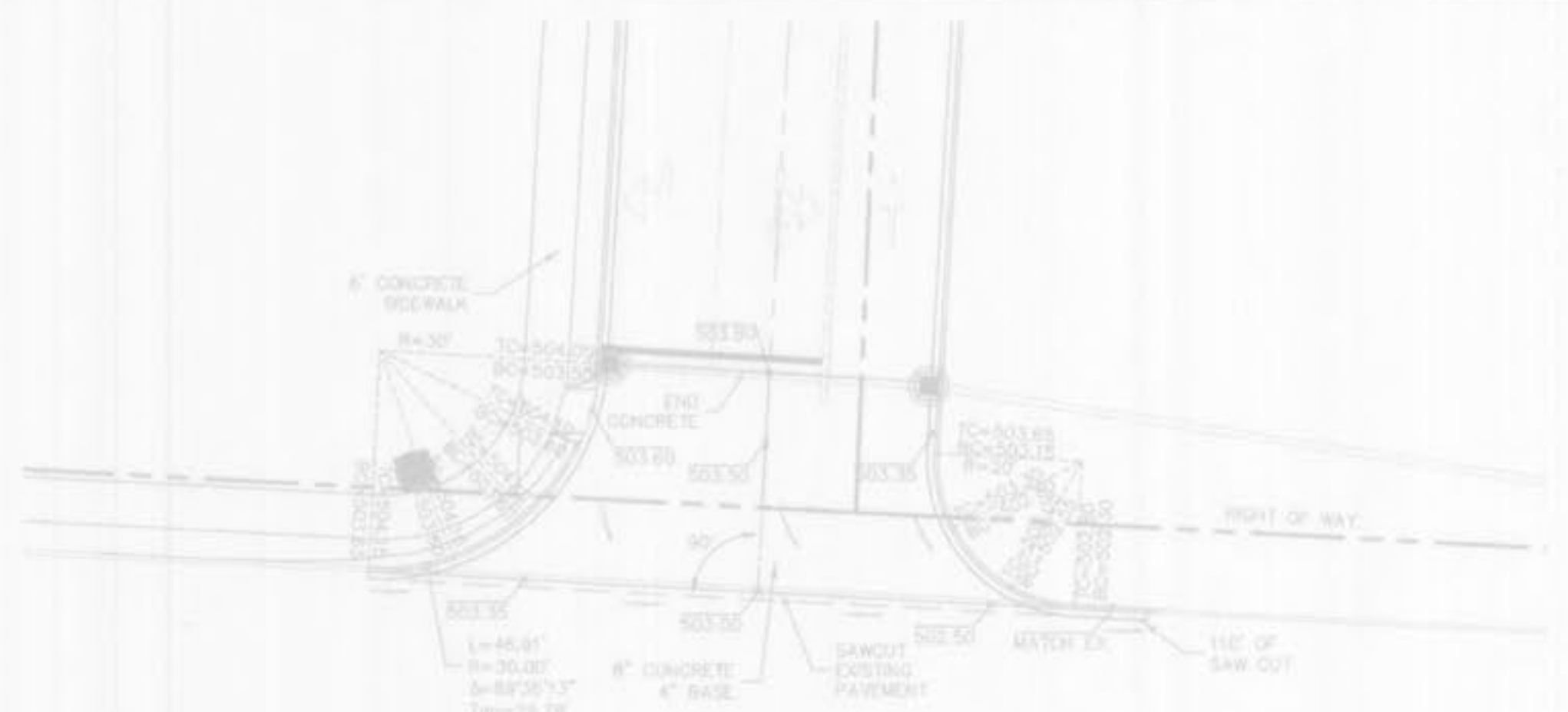
DIRECTOR/OWNER NEW COVENANT HEALTH CARE, LLC 47 CAMPBELL HWY ST. CHARLES, MISSOURI 63301 <small>GENERAL CONTRACTOR: BNY COMMERCIAL GROUP</small>	REVISIONS 1. 5/20/09 2. 5/20/09 3. 5/20/09 4. 5/20/09 5. 5/20/09
ARCHITECT COLE and ASSOCIATES INCORPORATED <small>1243 Tom Ginnever Avenue St. Charles, Missouri 63301 P: 636-978-7500 F: 636-978-7500</small>	MEADOWLANDS TOM GINNEVER AVE ST. CHARLES, MISSOURI 63301 UTILITY PLAN
DESIGNED BY: BC DRAWN BY: LM CHECKED BY: JH DATE: 12/14/07 JOB NUMBER: 06-086 SHEET NUMBER: C4.0	SCALE: 1" = 40' NORTH ARROW



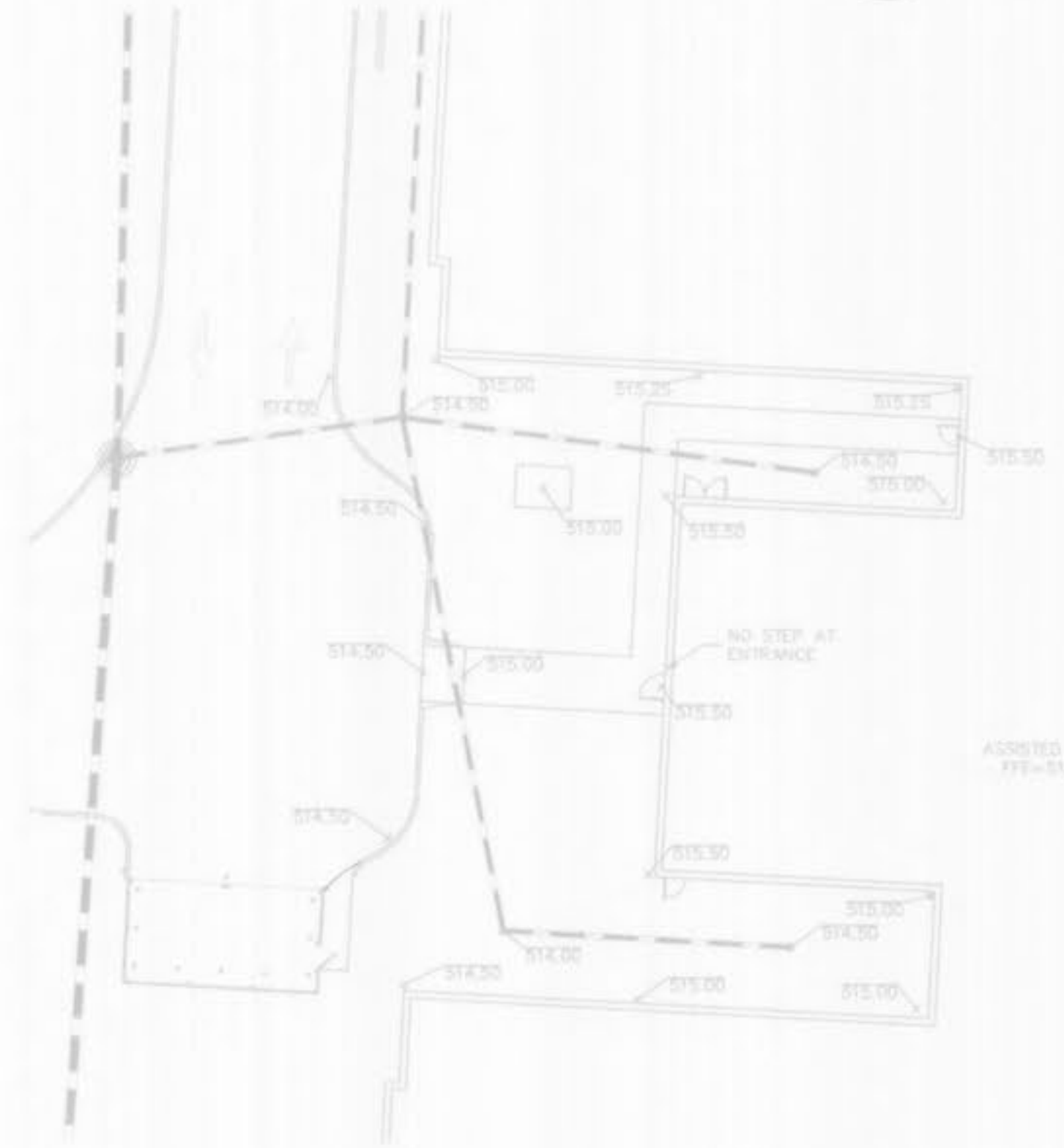
7 ENTRANCE #3 WARPING
SCALE: 1"=20'
REF. DWG. C5.0



6 ENTRANCE #2 WARPING
SCALE: 1"=20'
REF. DWG. C5.0



5 ENTRANCE #1 WARPING
SCALE: 1"=20'
REF. DWG. C5.0



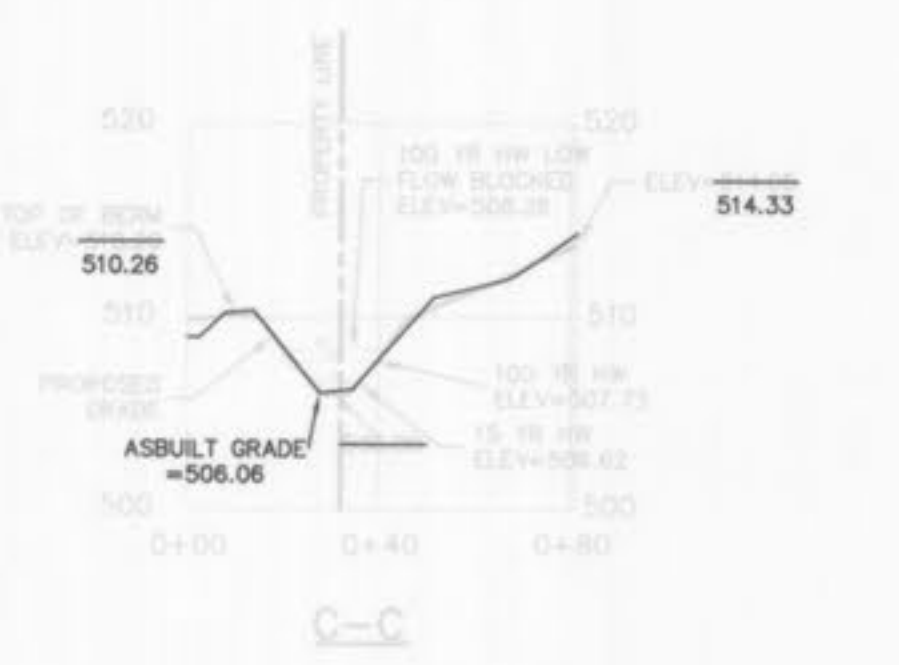
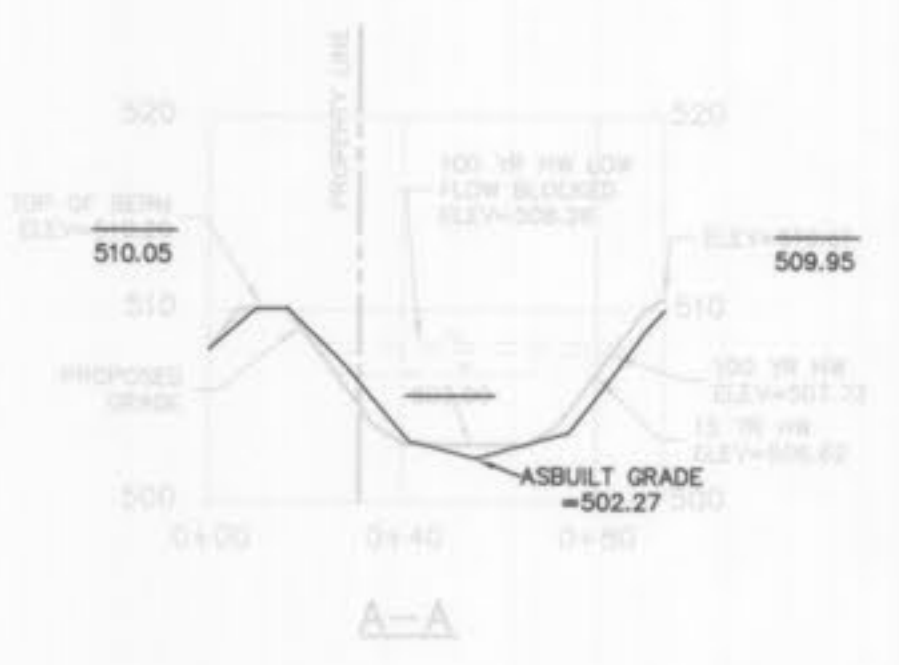
4 3" MOUNTABLE CURB AND GUTTER
SCALE: N.T.S.
REF. DWG.



3 ROUNDABOUT SECTION D-D
SCALE: N.T.S.
REF. DWG.



2 BUILDING FRONT/REAR DETAIL
SCALE: 1"=20'
REF. DWG. C5.0



1 DETENTION POND SECTIONS
SCALE: VERTICAL 1"=40', HORIZONTAL 1"=10'
REF. DWG. C5.0



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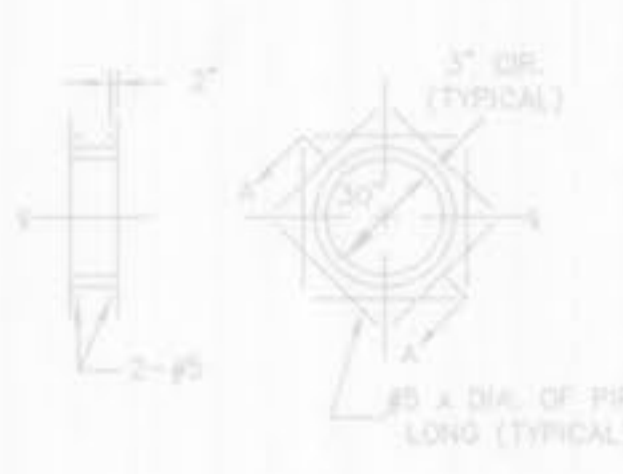
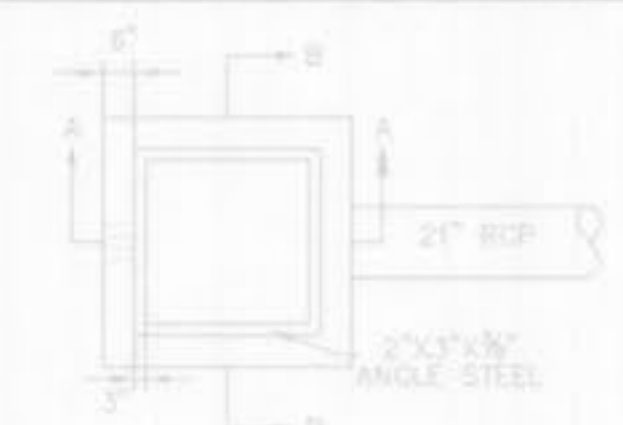
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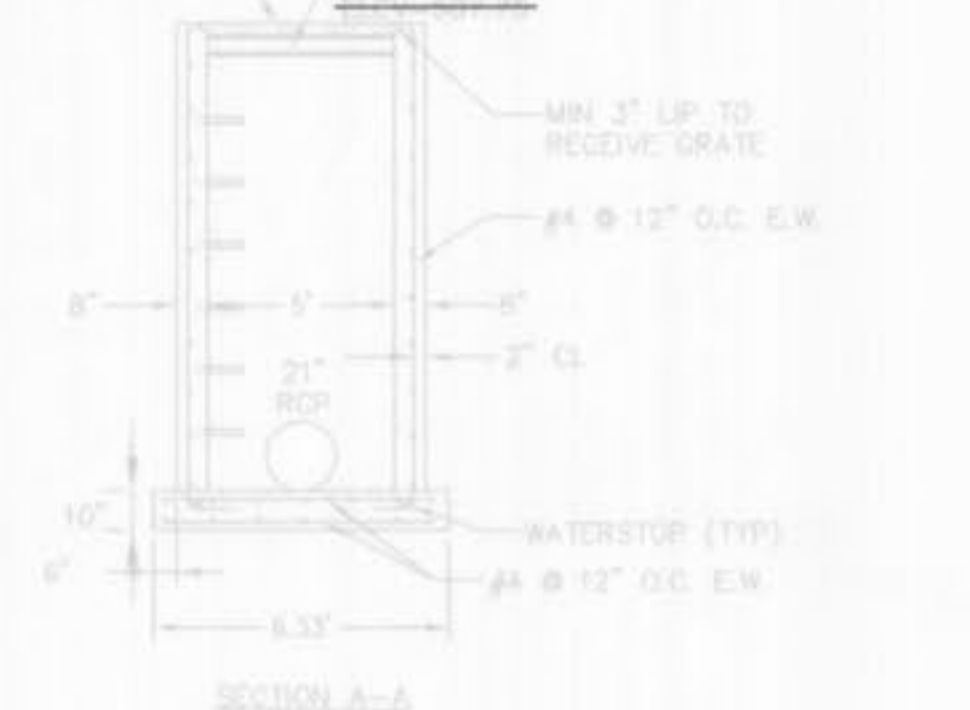
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"AS-BUILT" 07-09-2009

MEADOWLANDS TOM GRINVER, AVE. 67 FALLOU, MISSOURI 63366	ENTRANCE & WARPING PLANS	REVISIONS NO. DATE BY 1 07/09/09 JMG 2 07/09/09 JMG 3 07/09/09 JMG
		PROJECT OWNER NEW COVENANT HEALTH CARE, LLC 47 CAMDENWAY ST. CHARLES, MISSOURI 63301
ARCHITECT COLE & ASSOCIATES INCORPORATED 12433 BURNINGWOOD AVENUE FALLON, MISSOURI 63308 TEL: 636-978-7529 FAX: 636-978-7528	ARCHITECT'S SEAL REGISTERED PROFESSIONAL ENGINEER STATE OF MISSOURI NUMBER: 715109 EXPIRES: 12/31/2011	DESIGNER: JMG DRAWN BY: LM CHECKED BY: JMG DATE: 12/14/09 Job Number: 06-086 Sheet Number: C5.1

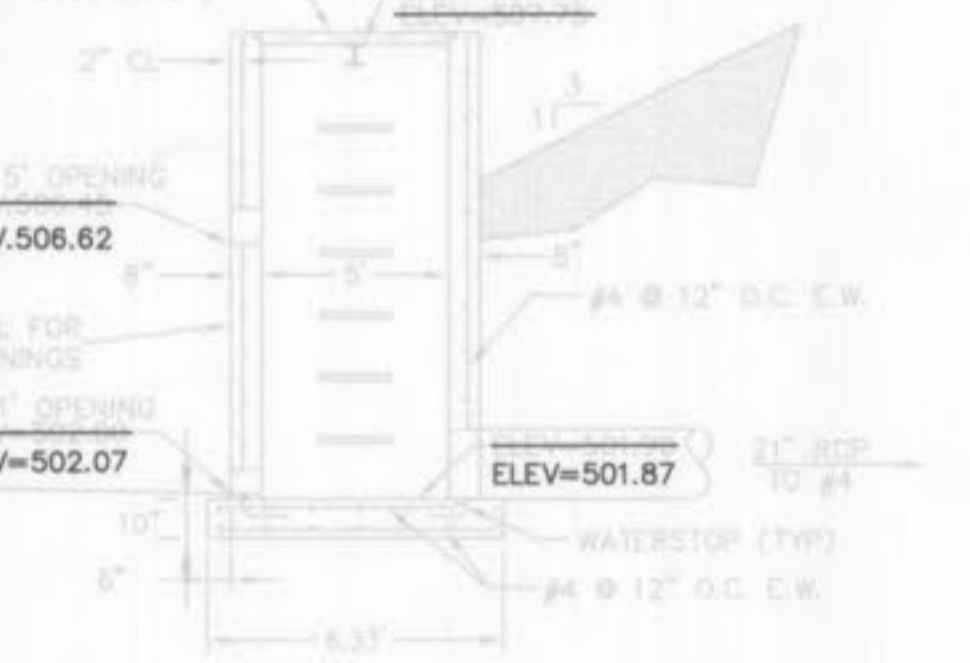


ALUMINUM FRAME AND GRATE (1" x 3" GRID PATTERN) CUT TO FIT & MECHANICALLY FASTENED TO STRUCTURE (250 P.S.I. LOAD REQUIREMENT)



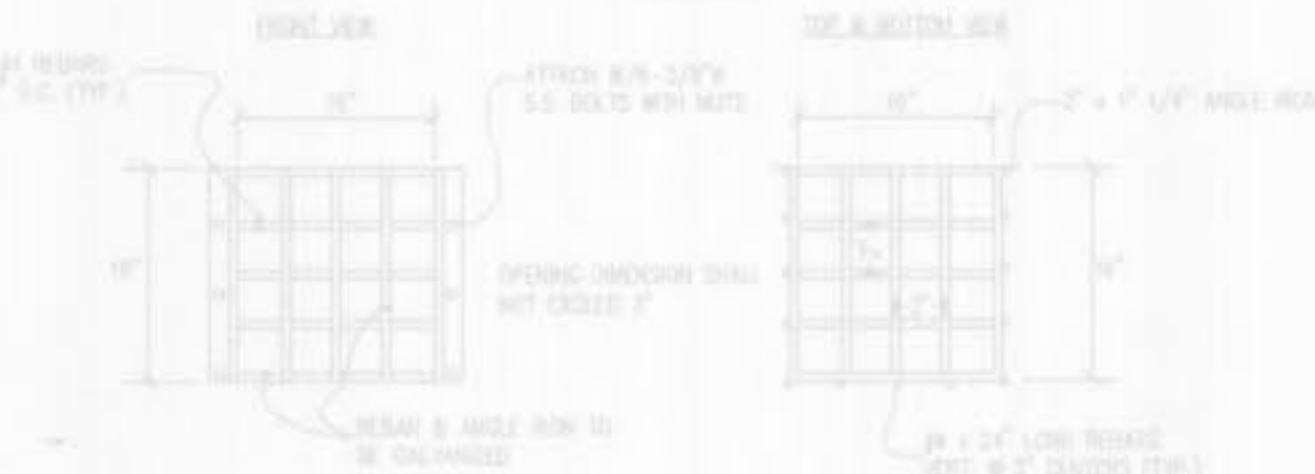
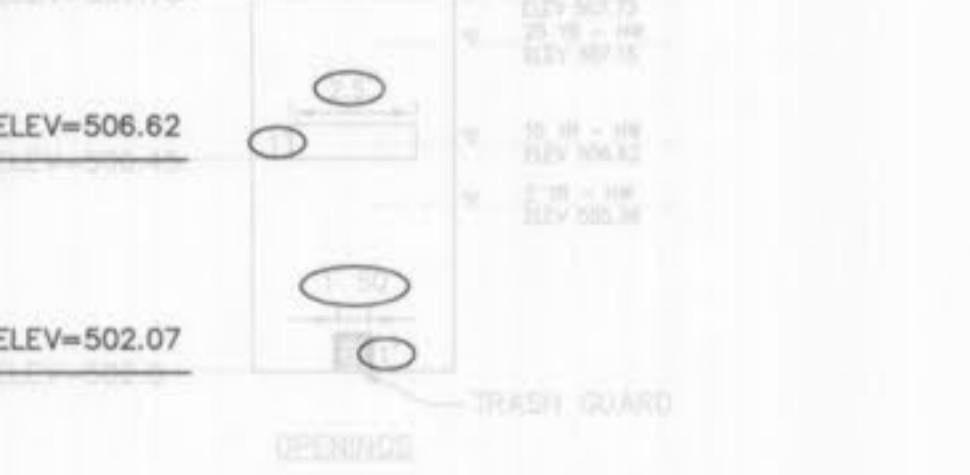
SECTION A-A

ALUMINUM FRAME AND GRATE (1" x 3" GRID PATTERN) CUT TO FIT & MECHANICALLY FASTENED TO STRUCTURE (250 P.S.I. LOAD REQUIREMENT)



SECTION B-B

5/16" ALUMINUM GRATE CUT INTO RISER TOP



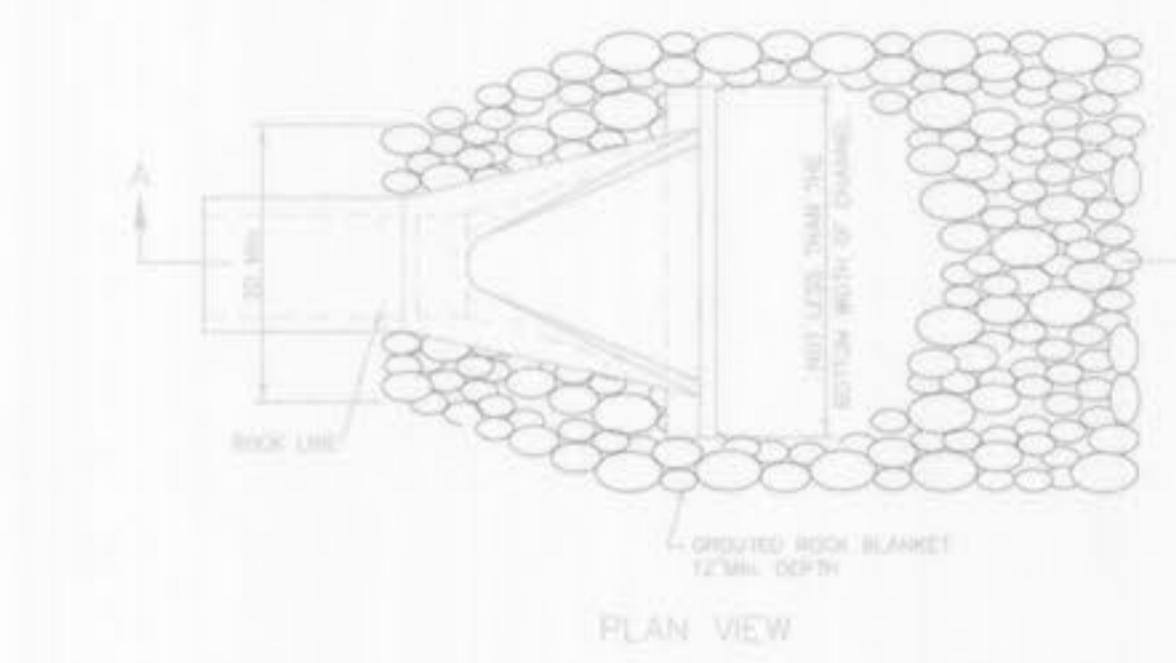
9 DETENTION OUTLET DETAIL SCALE: N.T.S. REF. DWG. C4.0

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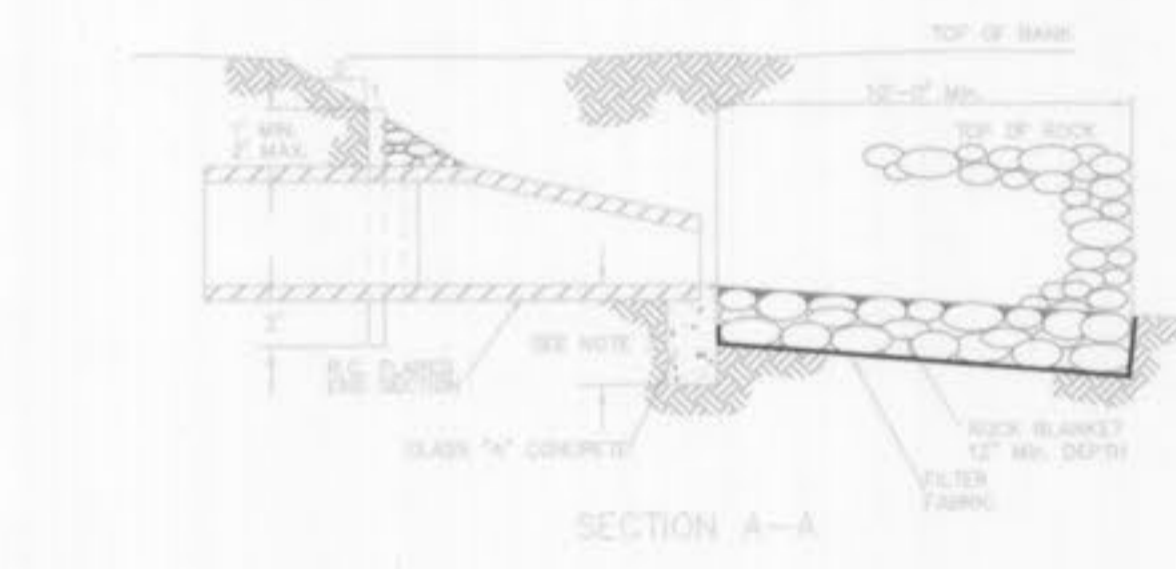
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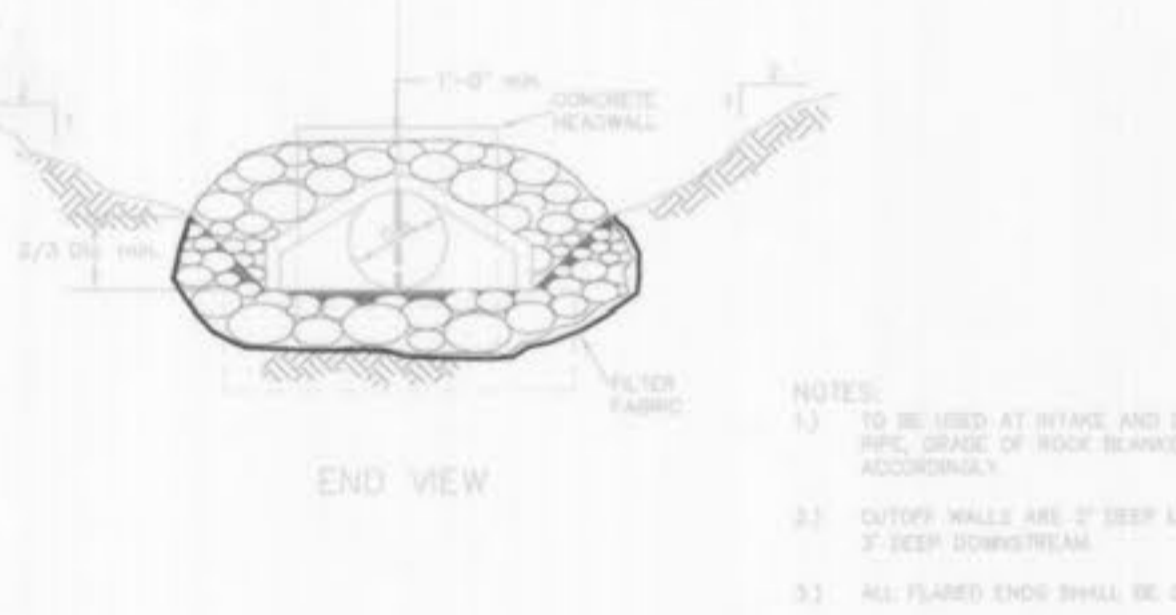
"AS-BUILT" 5-20-2009



PLAN VIEW



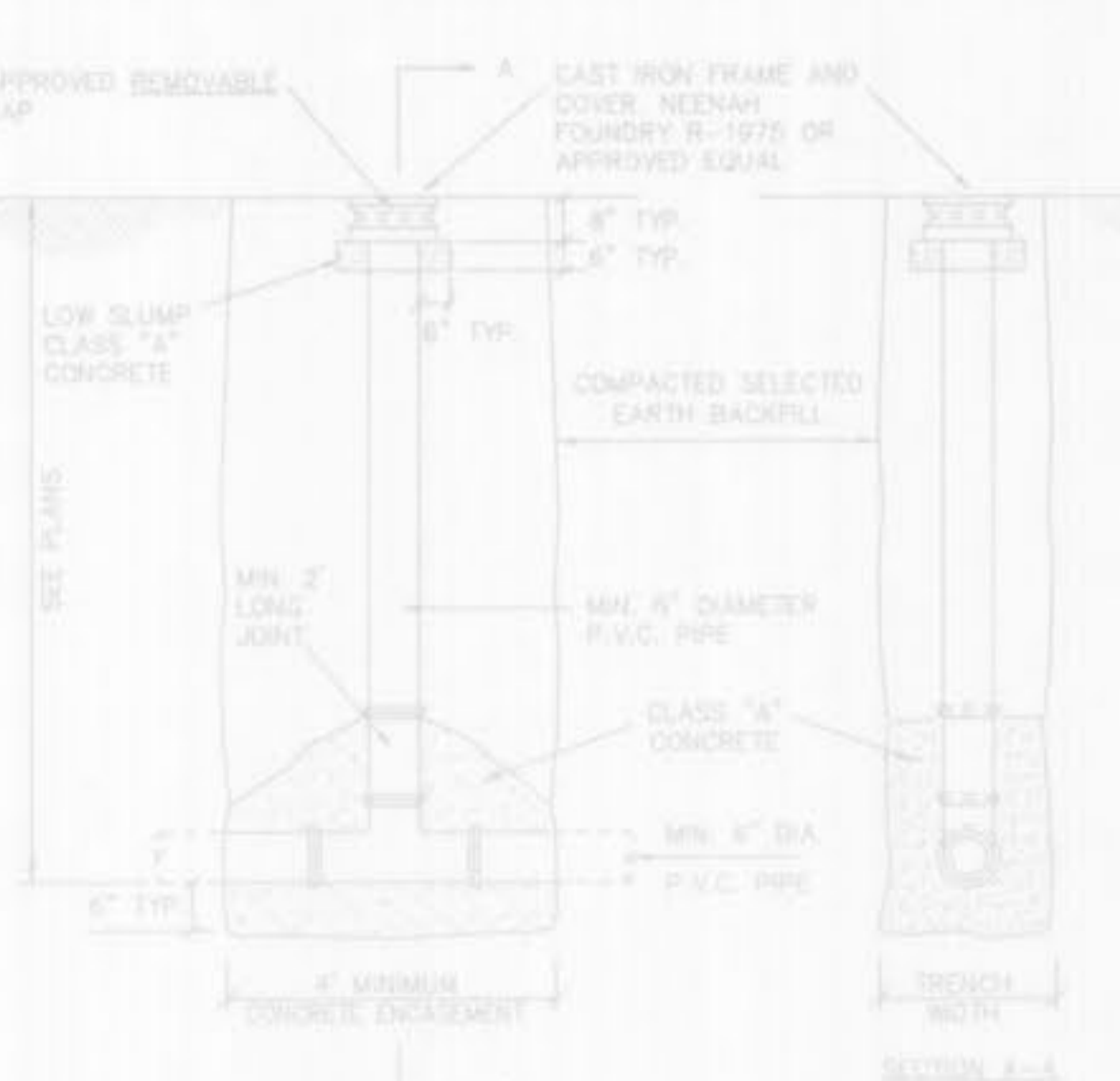
SECTION A-A



END VIEW

NOTES:
 1. TO BE USED AT WYING AND DOWNSTREAM END OF PIPE. GRADE OF ROCK BLANKET TO BE ADJUSTED ACCORDINGLY.
 2. OUTSIDE WALLS ARE 2" DEEP UPSTREAM AND 3" DEEP DOWNSTREAM.
 3. ALL FLARED ENDS SHALL BE CONCRETE.

8 FLARED END SECTION SCALE: N.T.S. REF. DWG. C4.0



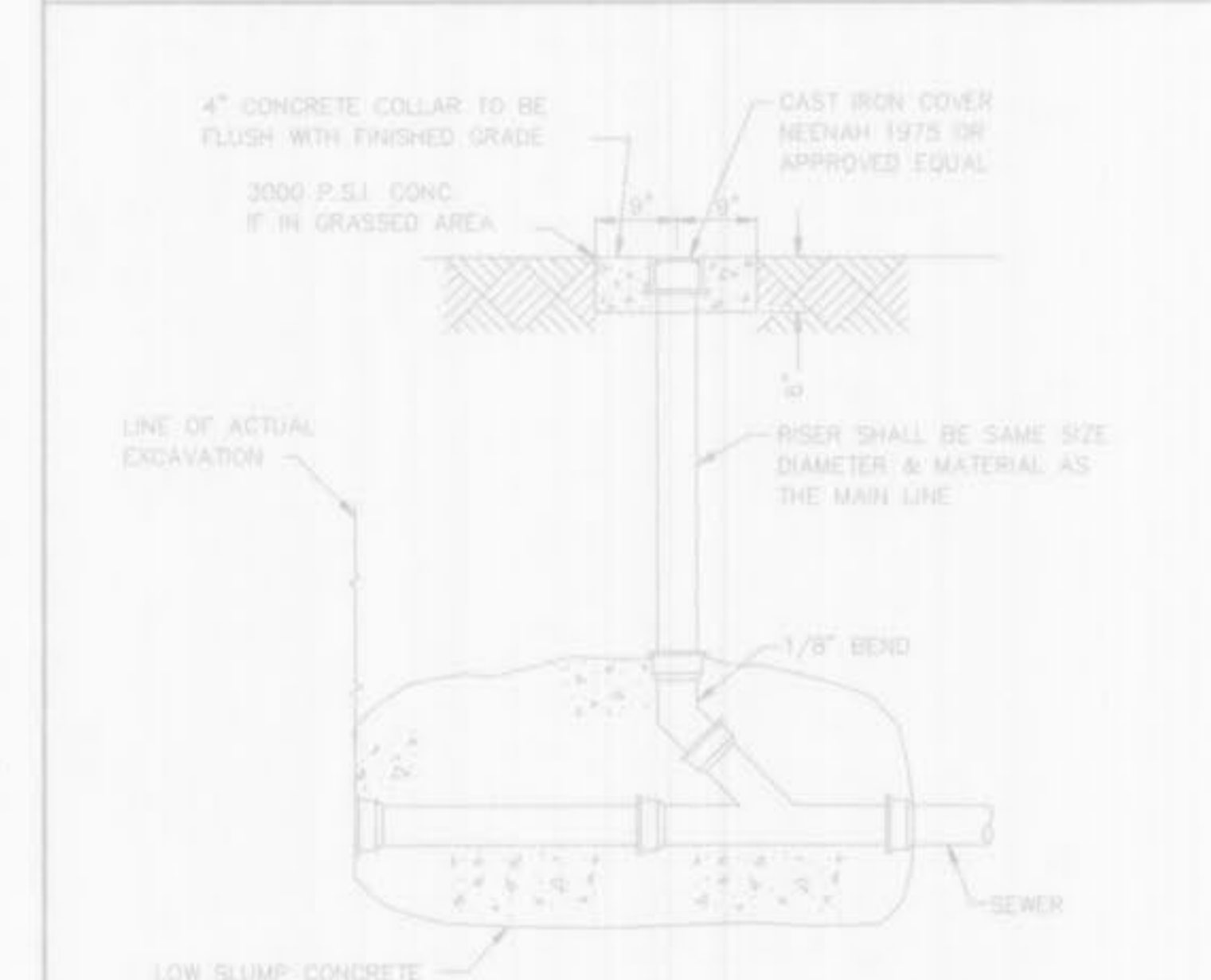
SECTION A-A

7 SAMPLING TEE DETAIL SCALE: N.T.S. REF. DWG. C3.0

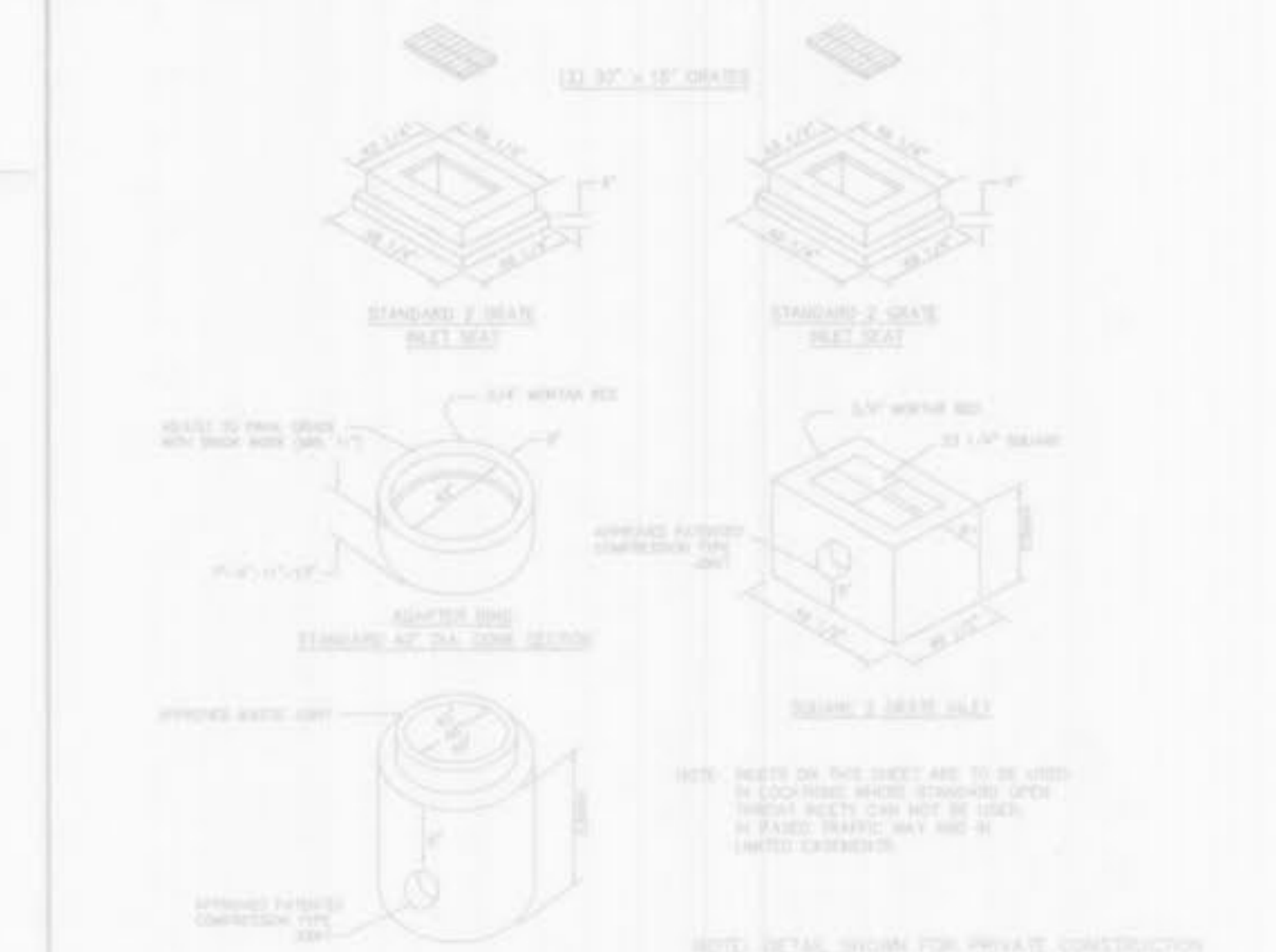


NOTE: MINIMUM OF 12" OF ROCK ON ALL SIDES.

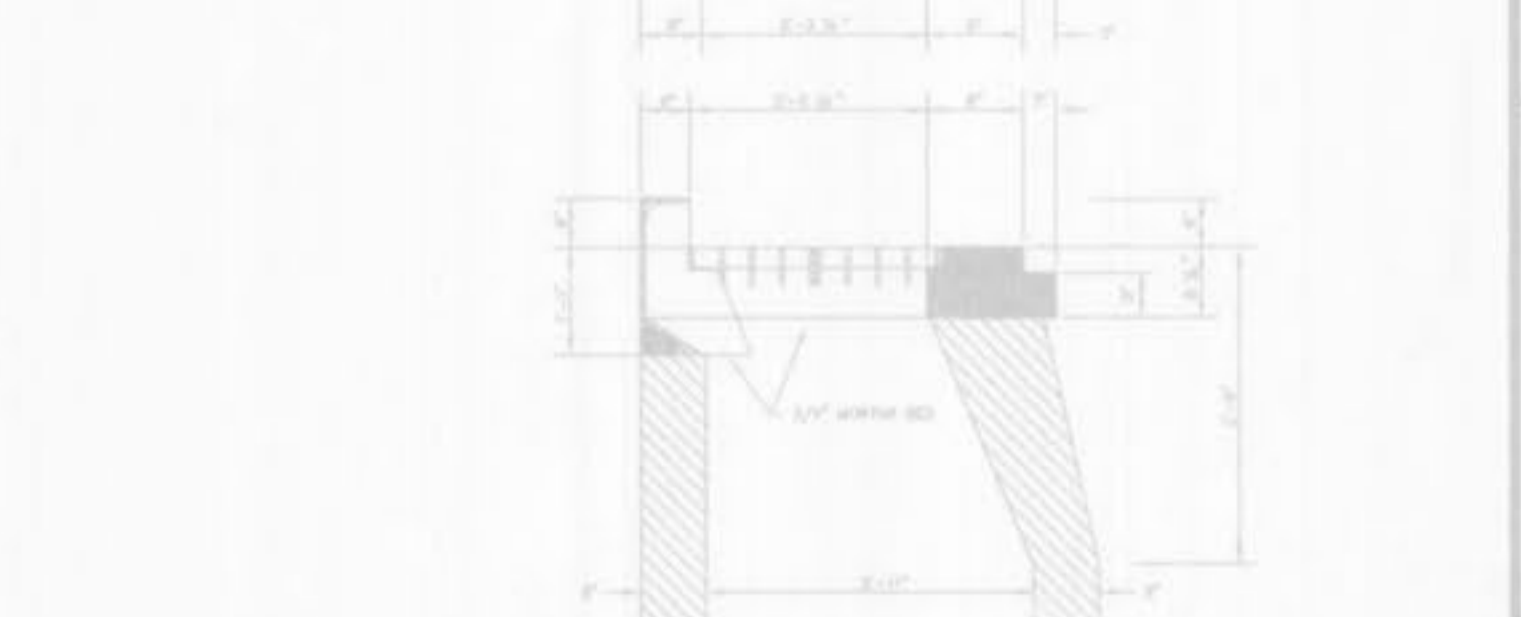
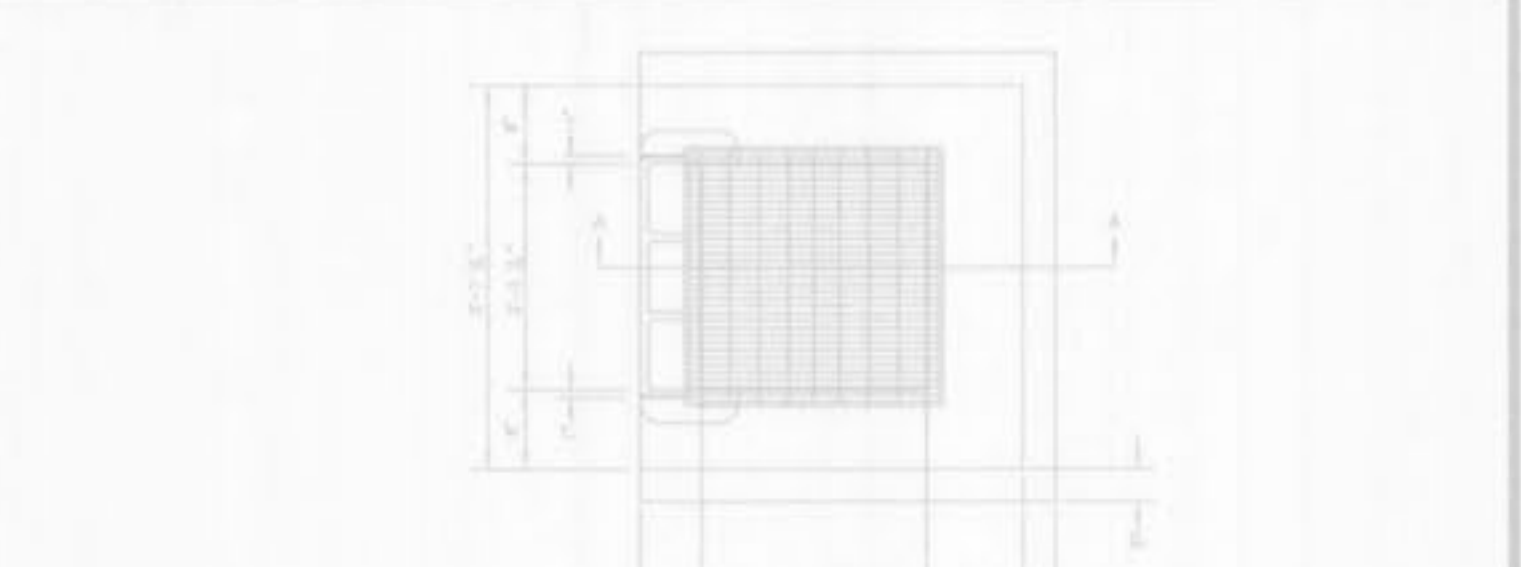
6 PIPE BEDDING DETAIL (PVC) SCALE: N.T.S. REF. DWG. C3.0



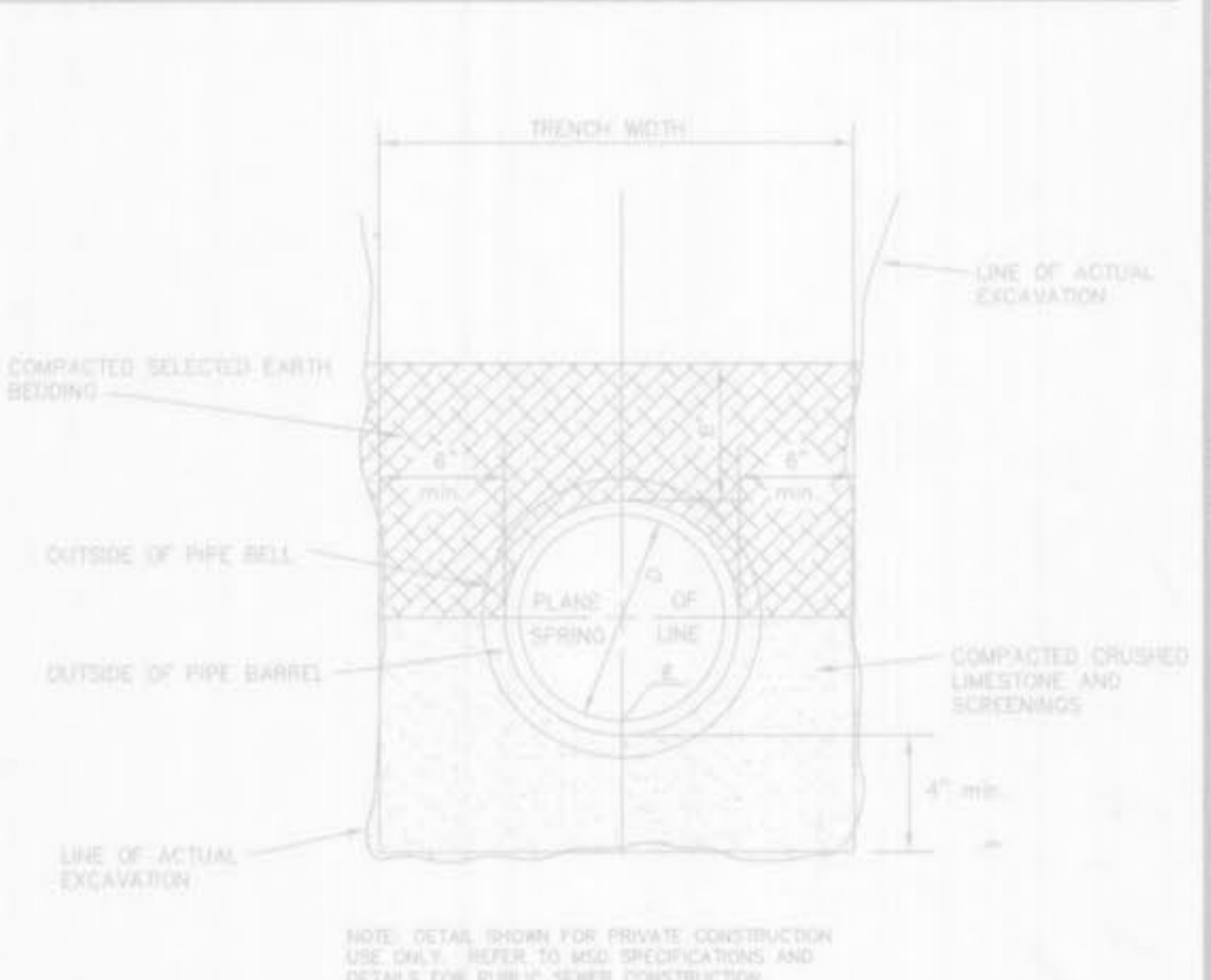
5 CLEANOUT DETAIL SCALE: N.T.S. REF. DWG. C3.0



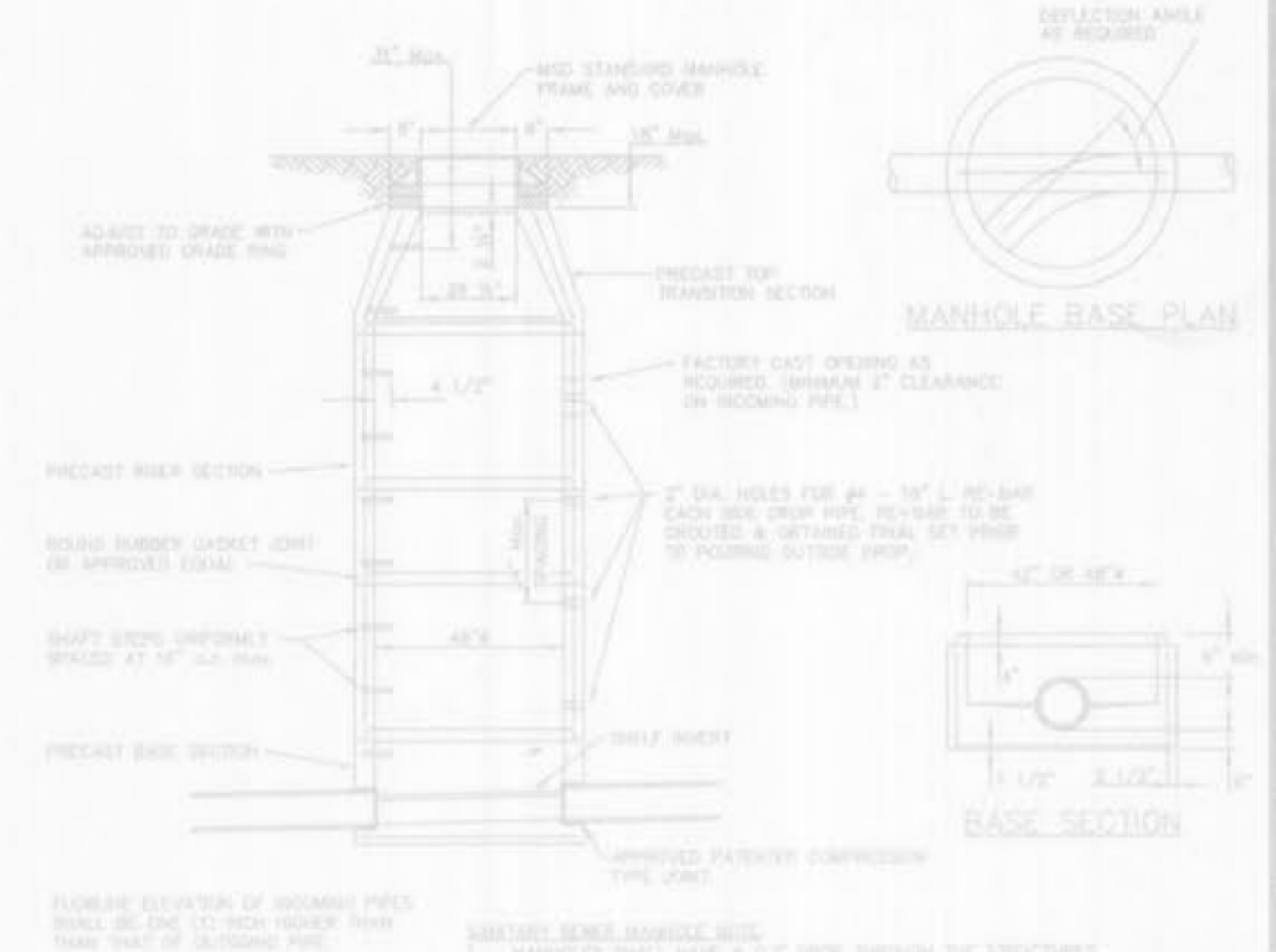
4 2-GRATE INLET DETAIL SCALE: N.T.S. REF. DWG. C3.0



3 GRATE INLET WITH SIDE INTAKE SCALE: N.T.S. REF. DWG. C3.0



2 PIPE BEDDING DETAIL (RCP) SCALE: N.T.S. REF. DWG. C3.0



1 PRECAST CONCRETE MANHOLE DETAIL SCALE: N.T.S. REF. DWG. C3.0

<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>2</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>3</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>4</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>5</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>6</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>7</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>8</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> <tr> <td>9</td> <td>12/14/07</td> <td>ISSUED FOR PERMITS</td> </tr> </table>	NO.	DATE	DESCRIPTION	1	12/14/07	ISSUED FOR PERMITS	2	12/14/07	ISSUED FOR PERMITS	3	12/14/07	ISSUED FOR PERMITS	4	12/14/07	ISSUED FOR PERMITS	5	12/14/07	ISSUED FOR PERMITS	6	12/14/07	ISSUED FOR PERMITS	7	12/14/07	ISSUED FOR PERMITS	8	12/14/07	ISSUED FOR PERMITS	9	12/14/07	ISSUED FOR PERMITS	<p>DEVELOPER/OWNER NEW COVENANT HEALTH CARE, LLC 47 CAMBRIAN WAY ST. CHARLES, MISSOURI 63301</p> <p>GENERAL CONTRACTOR THE COMMERCIAL GROUP</p> <p>ARCHITECTS MEADOWLANDS 1000 GRANITE AVE. ST. LOUIS, MISSOURI 63106</p>	<p>CONSTRUCTION DETAILS</p>
NO.	DATE	DESCRIPTION																														
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planning • engineering • surveying • landscape architecture
COLE AND ASSOCIATES INCORPORATED
 12433 South Grinnover Avenue
 of Fallon, Missouri 63306
 P 636-978-7100 F 636-978-7005

DESIGNED BY: BC
 DRAWN BY: LM
 CHECKED BY: JH
 DATE: 12/14/07
 Job Number: 06-086
 Sheet Number: C7.2