

USER: \\pfs01\proj\04\improvement\plans\phase 2\01-plan\_09.0 storm\_profiles.dwg  
 DATE: Sep 04 2008 7:14am  
 DRAWING: S:\JOB5\042007\07-0041\007-0041.dwg

NOTE: CONCRETE PIPE JOINTS SHALL BE MSD TYPE "A" APPROVED COMPRESSION-TYPE JOINTS AND SHALL CONFORM TO THE REQUIREMENTS OF THE SPECIFICATIONS FOR JOINTS FOR CIRCULAR CONCRETE SEWER AND CULVERT PIPE, USING FLEXIBLE, WATERTIGHT, RUBBER-TYPE GASKETS ASTM C443. BAND-TYPE GASKETS DEPENDING ENTIRELY ON CEMENT FOR ADHESION AND RESISTANCE TO DISPLACEMENT DURING JOINTING SHALL NOT BE USED.

ALL STORM SEWER PIPES SHALL BE REINFORCED CONCRETE PIPE, CLASS II MINIMUM. ANY CONCRETE PIPE, CONDUIT, OR CULVERT BENEATH A STREET RIGHT-OF-WAY OR WITH REASONABLE PROBABILITY OF BEING SO LOCATED SHALL BE A MINIMUM OF CLASS III, BUT ALSO SHALL ACCOUNT FOR ALL VERTICAL LOADS. IN NO CASE SHALL THE DESIGN PROVIDE FOR LESS THAN HS-20 LOADING PER AASHTO. FOR OTHER LOCATIONS, THE MINIMUM DESIGN LIVE LOAD SHALL BE THE HS-10 LOADING.

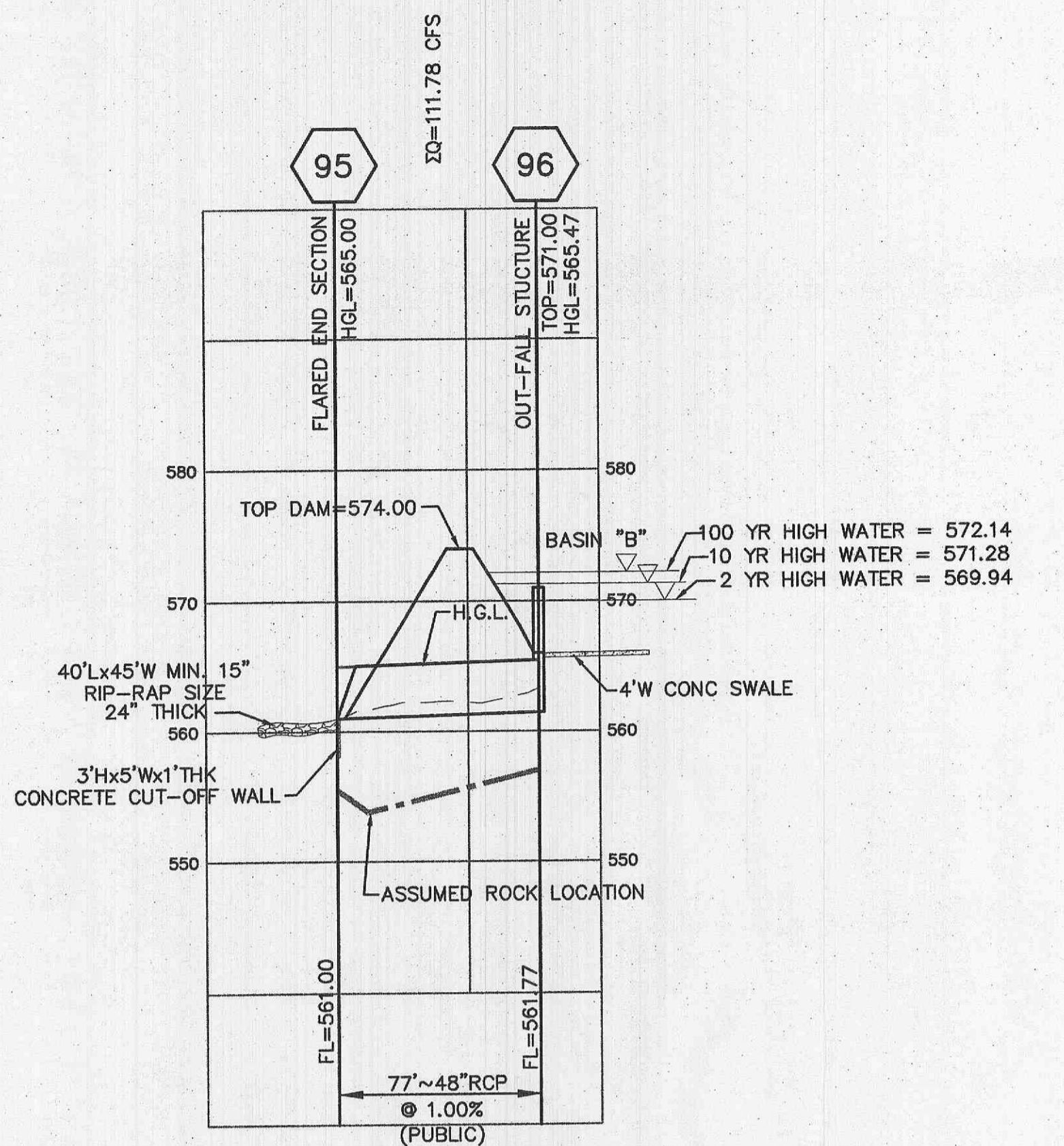
STORM SEWER PIPES WHICH CROSS OVER EXISTING OR PROPOSED SANITARY SEWER TRENCHES SHALL BE CRADLED IN CONCRETE THROUGH THE FULL WIDTH OF THE SANITARY SEWER TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED WITH GRANULAR FILL TO THE BOTTOM OF THE CONCRETE CRADLE.

IF THE STORM AND SANITARY SEWERS ARE PARALLEL AND IN THE SAME TRENCH OR OVER-DIG, THE UPPER PIPE SHALL BE PLACED ON A SHELF AND THE LOWER PIPE SHALL BE BEDDED IN COMPACTED GRANULAR FILL TO THE FLOWLINE OF THE UPPER PIPE.

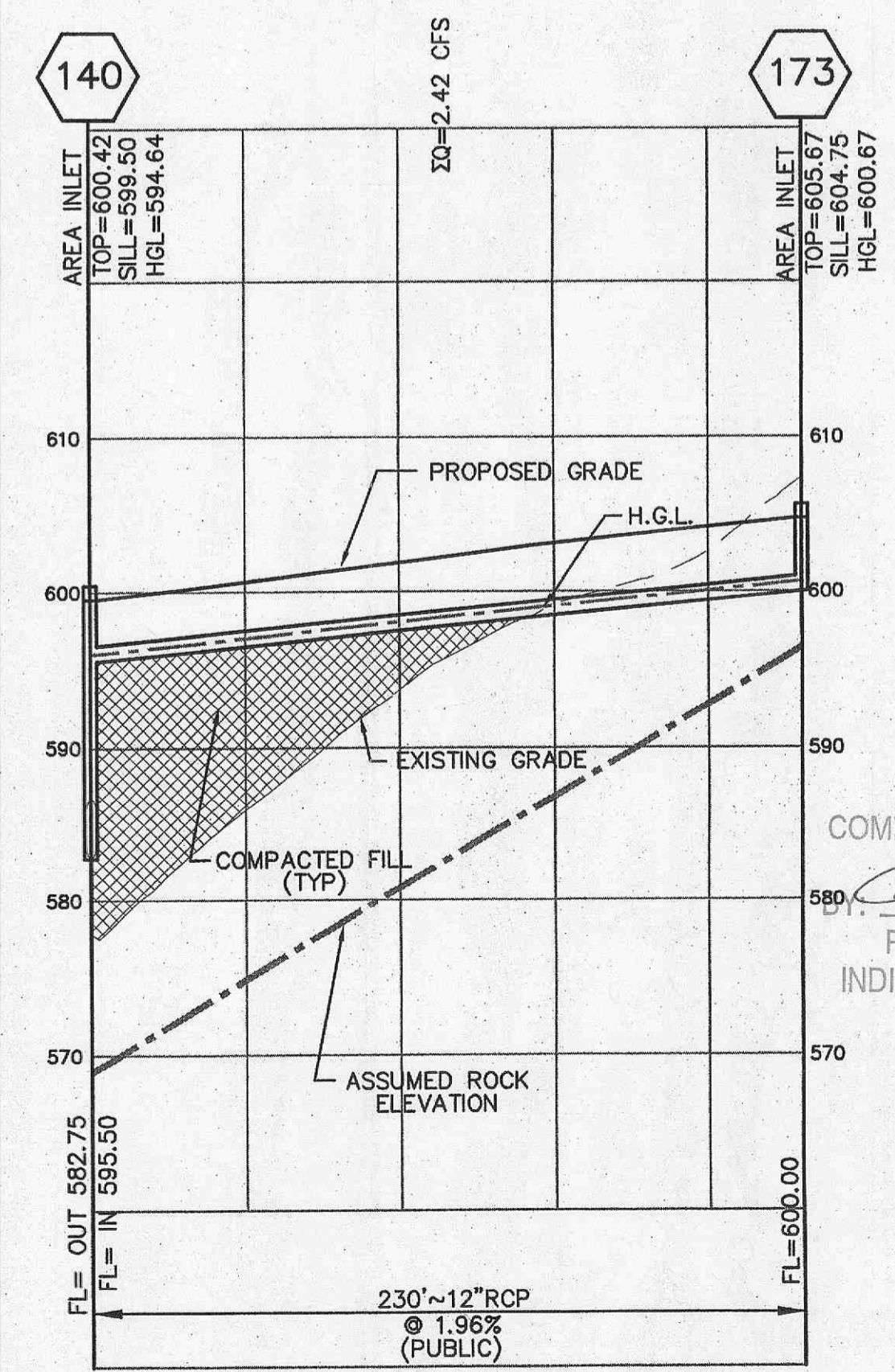
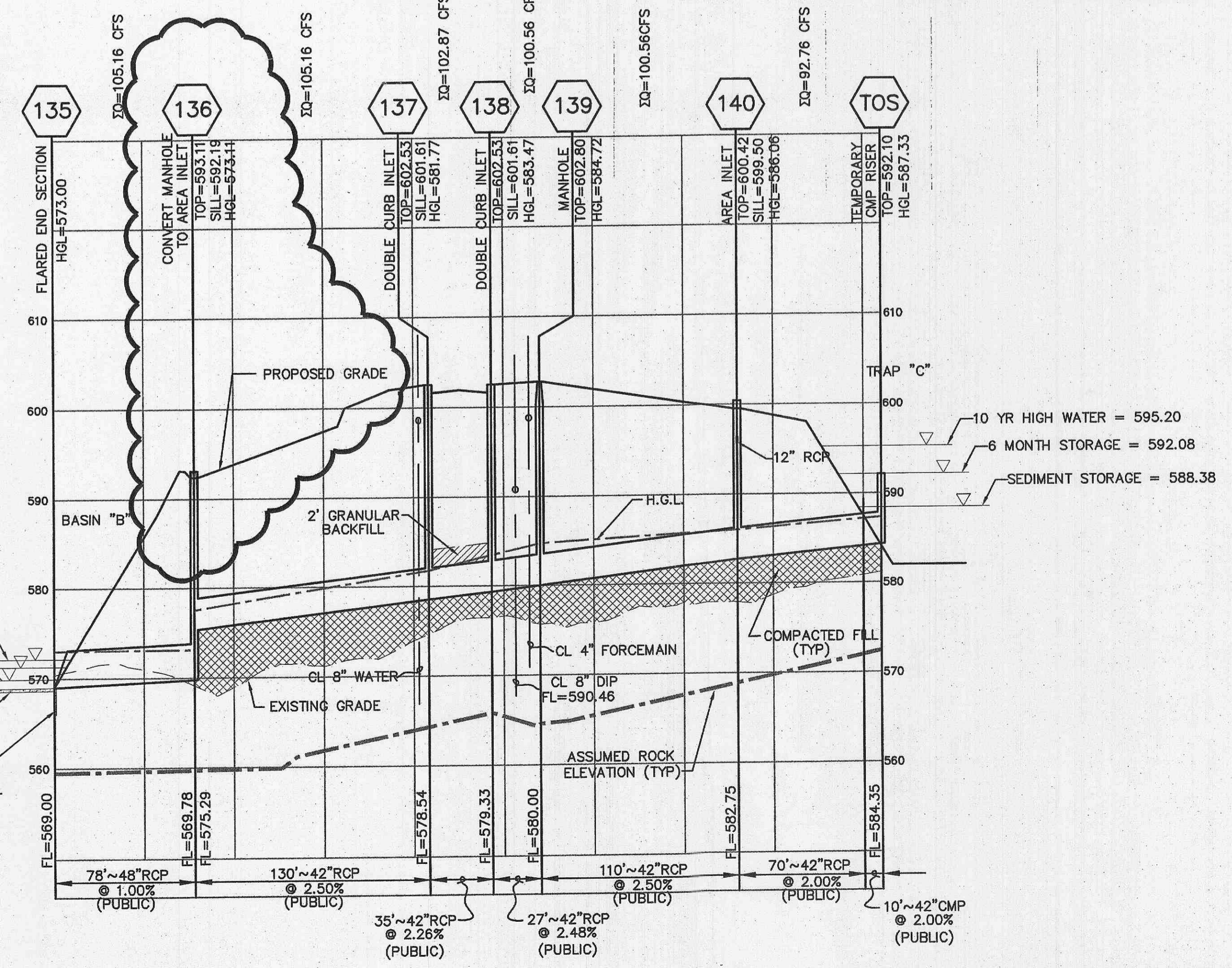
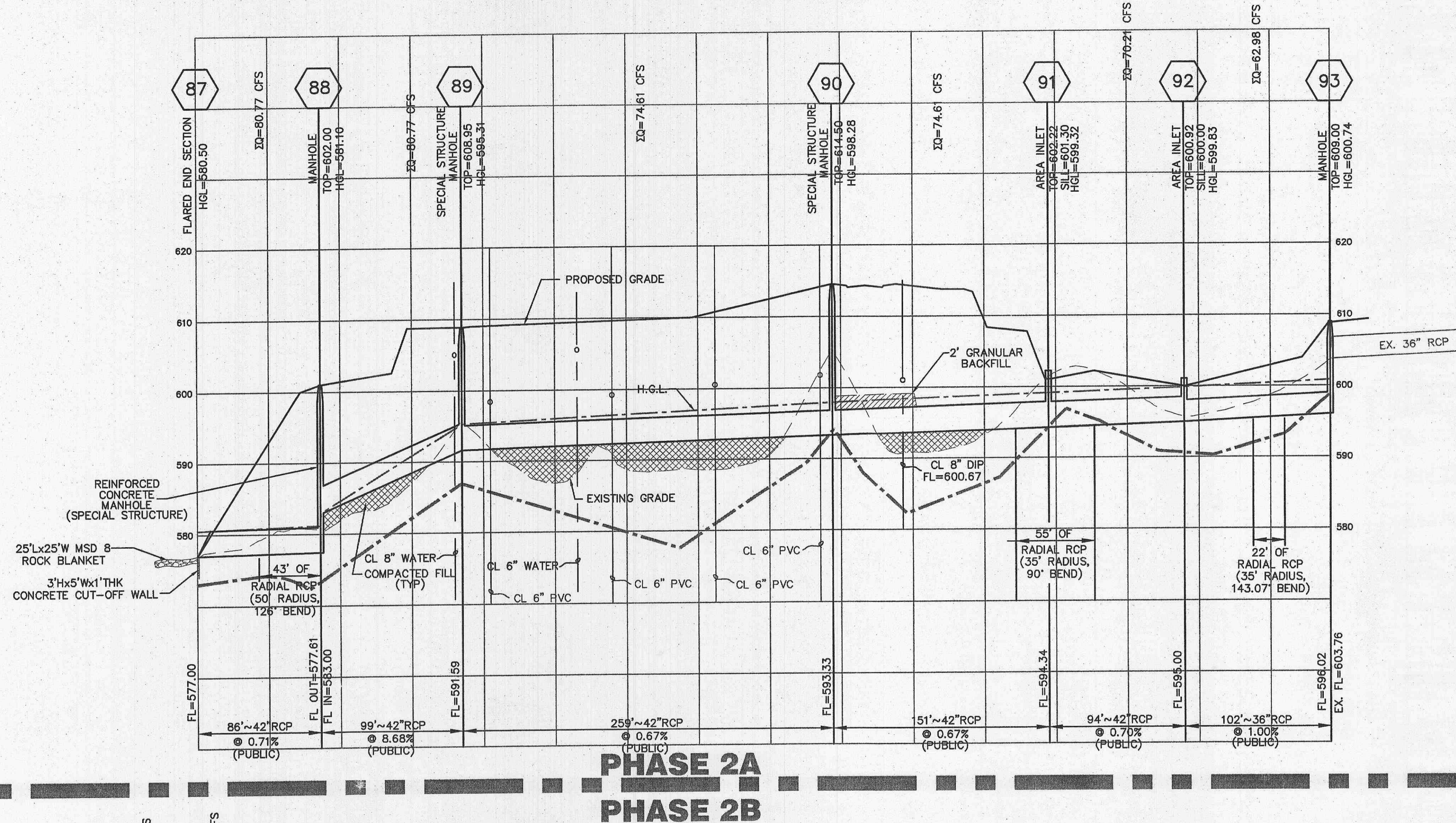
BRICK SHALL NOT BE USED IN THE CONSTRUCTION OF STORM SEWER STRUCTURES

ALL CONCRETE PIPES WILL BE INSTALLED WITH O-RING RUBBER TYPE GASKETS

CONNECTIONS AT ALL STORM SEWER STRUCTURES TO BE MADE WITH A-LOK JOINT OR EQUAL.



**PHASE 2B**  
**PHASE 2A**



SCALE:  
 1" = 50' HORIZ.  
 1" = 10' VERT.

DATE	REVISIONS
8/24/07	OWNER/PLS/PLZ/BUCKET CREEK
9/4/07	PLS COMMENTS
9/14/07	BUCKET CREEK SANITARY DISTRICT
10/12/07	CITY OF FALLON COMMENTS
10/19/07	CITY OF FALLON COMMENTS
10/23/07	CITY OF FALLON COMMENTS
9/25/08	FIELD CHANGE - STRUCTURE 136

DEVELOPER/OWNER:  
**THE JONES COMPANY HOMES, L.L.C.**  
 16640 CHESTERFIELD GROVE, SUITE 200  
 CHESTERFIELD, MO 63005  
 PHONE: (636) 637-7192

PROFESSIONAL ENGINEER'S SEAL  
 JOHN W. KOSLOFF  
 MISSOURI REGISTERED PROFESSIONAL ENGINEER  
 NO. 000000000  
 EXPIRES 12/31/15

**PRESTON WOODS - PHASE II**  
 IMPROVEMENT PLANS  
 PRESTON WOODS LANE  
 O'FALLON, MO. 63363

**COLE and ASSOCIATES INCORPORATED**  
 planning • engineering • surveying • landscape architecture  
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DESIGNED BY JKW  
 DRAWN BY KDK  
 CHECKED BY JFH  
 DATE 6/14/07  
 Job Number 07-0041  
 Sheet Number C9.1

CITY OF FALLON  
 COMMUNITY DEVELOPMENT DEPARTMENT  
 ACCEPTED FOR CONSTRUCTION  
 DATE: 9/18/08  
 PROFESSIONAL ENGINEER'S SEAL  
 INDICATES RESPONSIBILITY FOR DESIGN