

IMPROVEMENT PLANS

CRESTLINE CIRCLE DRIVE LEWISTON, IDAHO 83501

GENERAL NOTES

- 1) THE CONTRACTOR SHALL PAY FOR ALL NECESSARY PERMITS AND FEES.
- 2) THE CONTRACTOR SHALL INVESTIGATE ON SITE AND VERIFY ALL CONDITIONS AND DIMENSIONS OF THE PROJECT AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY IN THE CONTRACT DOCUMENTS REQUIRING MODIFICATION PRIOR TO PROCEEDING.
- 3) THE CONTRACTOR SHALL TAKE ALL NECESSARY PREVENTATIVE MEASURES TO PROTECT THE EXISTING IMPROVEMENTS. ANY DAMAGE SHALL BE REPLACED AT NO COST TO THE OWNER.
- 4) THE CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE SO AS TO HAVE A MINIMUM IMPACT ON THE EXISTING TRAFFIC. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS.
- 5) OWNER'S PROPERTY CORNERS SHALL BE PROTECTED AT ALL TIMES, AND THE CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF IDAHO TO REFERENCE ALL CORNERS. UPON COMPLETION OF THE PROJECT, ALL EXISTING CORNERS DAMAGED BY CONSTRUCTION OR OTHER ACTIVITY SHALL BE REPLACED BY A PROFESSIONAL LAND SURVEYOR.
- 6) ALL WORK SHALL CONFORM TO STATE AND LOCAL CODES AND CONFORM TO THE CITY OF LEWISTON STANDARD DRAWINGS AND STANDARD TECHNICAL SPECIFICATIONS.
- 7) SITE DISTANCES FOR ABUTTING PROPERTIES, DRIVEWAYS, AND INTERSECTIONS MUST BE MAINTAINED.
- 8) EROSION AND DUST CONTROL MEASURES MUST BE USED DURING CONSTRUCTION TO REDUCE OR ELIMINATE BLOWING DUST, EXCESSIVE RUNOFF, AND SOIL EROSION ACROSS PROPERTY LINES AND INTO STREETS AND RIGHT-OF-WAY, AND TO ELIMINATE TRACKING SOIL AND MUD ONTO STREETS FROM CONSTRUCTION EQUIPMENT AND VEHICLES.
- 9) IMPROVEMENTS CONSTRUCTED ON RIGHT-OF-WAY REQUIRE A STREET CUT PERMIT OBTAINED AT THE CONSTRUCTION MANAGEMENT SECTION OF THE PUBLIC WORKS DEPARTMENT.
- 10) ALL CONSTRUCTION NOT SPECIFICALLY MENTIONED OR SHOWN SHALL CONFORM TO CITY ORDINANCES AND STANDARDS.
- 11) ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED BEFORE EXCAVATION.
- 12) ALL EXPOSED CUT/FILL SLOPES SHALL BE SEEDED TO PREVENT EROSION.
- 13) ALL ROADWAY FILL SHALL BE AS A MINIMUM, CLEAN, UNIFORMLY GRADED, COMPACTED TO 95% OF THE MAX. DRY DENSITY DETERMINED BY STANDARD PROCTOR, AASHTO T99. COMPACTION LAYERS SHALL BE 8" DEEP.
- 14) ALL ASPHALTIC CEMENT PAVING REMOVAL SHALL BE SAW CUT AND WHEN REPLACED, FEATHERED INTO EXISTING PAVEMENT.
- 15) UNLESS OTHERWISE NOTED, STREET CROSS SECTIONS SHALL CONFORM TO CITY OF LEWISTON STANDARD DRAWING D-1 WITH 2% CROSS-SLOPE.
- 16) ADD STREET MONUMENTS AND CASES DURING PAVING AT LOCATIONS SHOWN ON THE PLAT IN CONFORMANCE WITH CITY OF LEWISTON STANDARDS.
- 17) STREET NAME SIGNS ARE TO BE PAID FOR BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR.
- 18) ALL CURB AND GUTTER SHALL BE HIGH BACK CURB AND GUTTER AND SHALL CONFORM TO CITY OF LEWISTON STANDARD DRAWINGS ST-1A AND ST-1B, TYPE 1 WITH PEDESTRIAN DROPS.
- 19) SIDEWALKS SHALL CONFORM TO CITY OF LEWISTON STANDARD DRAWINGS ST-4, OPTION 2, AND D-1.3.
- 20) ALL WATER AND SEWER UTILITIES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH STATE OF IDAHO STANDARDS FOR PUBLIC DRINKING WATER SYSTEMS.
- 21) WATER MAINS SHALL BE INSTALLED BY CONTRACTORS WITH EXPERIENCE INSTALLING PUBLIC WATER MAINS AND APPROVED BY THE CITY OF LEWISTON.
- 22) WATER MAINS SHALL BE LAID ONLY IN DEDICATED STREETS OR IN EASEMENTS WHICH HAVE BEEN GRANTED AND ACCEPTED BY THE CITY OF LEWISTON.
- 23) WATER PIPE SHALL BE P.V.C., CLASS 150 (MINIMUM) CONFORMING TO AWWA STANDARD C-900.
- 24) WATER LINE FITTINGS SHALL BE CAST IRON OR DUCTILE IRON CONFORMING TO AWWA STANDARD C 153.
- 25) PROPOSED WATER LINES SHALL BE HYDROSTATICALLY TESTED AS PER AWWA C600-93. TESTS SHALL BE 1 1/2 TIMES WORKING PRESSURE, WITH A MINIMUM OF 150 PSI. PRESSURE SHALL BE HELD FOR 2 HOURS WITH NO DROP IN PRESSURE. ENGINEER OF RECORD SHALL WITNESS TEST.
- 26) DISINFECTING OF WATER PIPES SHALL BE IN ACCORDANCE WITH AWWA C-65 1-92. ISOLATE NEW PIPE FROM EXISTING SYSTEM TO PREVENT POTENTIAL CROSS-CONNECTION. ENGINEER OF RECORD SHALL WITNESS TEST.
- 27) THE CONTRACTOR SHALL PROVIDE LOCATE TAPE IN PVC WATER MAIN TRENCH.
- 28) THRUST BLOCKS SHALL CONFORM TO CITY OF LEWISTON STANDARD DRAWING W-2.
- 29) GATE VALVES SHALL CONFORM TO AWWA C 509-87 RESILIENT SEATED GATE VALVES FOR WATER AND SEWAGE SYSTEMS AND SHALL BE IRON BODY BRONZE-MOUNTED, DOUBLE DISC WITH BRONZE WEDGING AND O-RING STUFFING BOX.
- 30) THE CONTRACTOR SHALL PROVIDE 4 FT MIN. COVER ON ALL WATER LINES.
- 31) FIRE HYDRANTS SHALL CONFORM TO AWWA C502 AND SHALL BE OF STANDARD MANUFACTURE AND OF A PATTERN APPROVED AND/OR REQ'D BY THE CITY OF LEWISTON AND/OR THE LEWISTON FIRE DEPARTMENT. HYDRANTS SHALL BE SO CONSTRUCTED THAT THE DIRECTION OF PUMPER CONNECTION MAY BE ROTATED TO FACE THE ROADWAY. A SIX (6) INCH MECHANICAL JOINT CONNECTION WITH LUGS AND SHACKLE RODS IS TO BE USED. A GATE VALVE SHALL BE INSTALLED AT EACH HYDRANT AS SHOWN ON STANDARD DETAIL W-5.
- 32) SEWER MAINS SHALL BE INSTALLED BY CONTRACTORS W/ EXPERIENCE INSTALLING PUBLIC SEWER MAINS AND APPROVED BY THE CITY OF LEWISTON.
- 33) ALL EXISTING LIVE SEWERS SHALL BE KEPT IN SERVICE AT ALL TIMES. PROVISIONS SHALL BE MADE FOR DISPOSAL OF SEWAGE FLOW IF ANY EXISTING SEWERS ARE DAMAGED. DAMAGE TO EXISTING SEWERS SHALL BE REPAIRED BY THE CONTRACTOR, AT NO EXPENSE TO THE CITY, TO A CONDITION EQUAL TO OR BETTER THAN CONDITIONS PRIOR TO THE DAMAGE.
- 34) SEWER MAIN SHALL BE LAID ONLY IN DEDICATED STREETS OR IN EASEMENTS WHICH HAVE BEEN GRANTED AND ACCEPTED BY THE CITY OF LEWISTON.
- 35) SEWER PIPES SHALL BE P.V.C. POLYVINYL CHLORIDE PIPE AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM D 3034 SDR 35 OR ASTM F 789. JOINTS FOR P.V.C. PIPE SHALL CONFORM TO ASTM D 3212 USING RESTRAINED GASKETS CONFORMING TO ASTM F477. FITTINGS FOR P.V.C. PIPE SHALL BE INJECTION MOLDED TEES OR FACTORY SOLVENT CEMENTED SADDLE TEES.
- 36) SEWER LINE CONNECTIONS TO TRUNKS, MAINS, LATERALS, OR SIDE SEWERS SHALL BE LEFT UNCOVERED UNTIL AFTER THE CITY ENGINEER HAS INSPECTED AND APPROVED THE WORK. AFTER APPROVAL OF CONNECTION, THE TRENCH SHALL BE BACKFILLED AS SPECIFIED.
- 37) WATER LINE CONNECTIONS TO MAINS AND LATERALS SHALL BE LEFT UNCOVERED UNTIL AFTER THE CITY ENGINEER HAS INSPECTED AND APPROVED THE WORK. AFTER APPROVAL OF CONNECTION, THE TRENCH SHALL BE BACKFILLED AS SPECIFIED.
- 38) ALL WORK INVOLVED IN CLEANING AND TESTING SEWER LINES BETWEEN MANHOLES OR RODDING INLETS AS REQUIRED HEREIN SHALL BE COMPLETED WITHIN FIFTEEN DAYS AFTER BACKFILLING OF SEWER LINES AND STRUCTURES. ANY FURTHER DELAY WILL REQUIRE THE WRITTEN CONSENT OF THE ENGINEER.
- 39) ALL SANITARY SEWER LINES SHALL BE INSPECTED BY THE USE OF A TELEVISION CAMERA BEFORE FINAL ACCEPTANCE.
- 40) SEWER LINES SHALL BE AIR TESTED WITH A PRESSURE 4 PSI GREATER THAN AVERAGE GROUND WATER PRESSURE THAT MAY SUBMERGE THE PIPE. ALLOW A TWO MINUTE STABILIZATION TIME. AIR LOSS SHALL NOT EXCEED A TOTAL RATE OF 2 CFM OR 0.0030 CFM PER SQUARE FOOT OF INTERNAL PIPE SURFACE, WHICHEVER IS GREATER. ENGINEER OF RECORD SHALL WITNESS THE TEST.
- 41) SANITARY SEWER STUBS SHALL HAVE THEIR TERMINATIONS PERMANENTLY MARKED WITH A 5' STEEL FENCE POST, FOR EASE OF FUTURE LOCATION.
- 42) SEWER MANHOLES SHALL BE CONSTRUCTED IN CONFORMANCE WITH CITY OF LEWISTON STANDARD DRAWING S-3. USE NON-SHRINK GROUT OR GASKETED MANHOLE COUPLERS FOR MANHOLE-PIPE CONNECTIONS.
- 43) 'TIE-INS' TO EXISTING MANHOLES SHALL INCLUDE THE CONSTRUCTION OF NEAT, NEW, WATERTIGHT INVERTS, AS APPROVED BY THE CITY ENGINEER.
- 44) FINAL ADJUSTMENT AND GROUTING OF THE SANITARY SEWER AND STORM DRAIN MANHOLE RINGS SHALL BE DONE BY THE PAVING CONTRACTOR.
- 45) SPECIAL INSPECTION IS REQUIRED FOR SOIL COMPACTION, SEWER LINE, WATER LINE, BASE MATERIAL, AND ASPHALT.
- 46) UPON COMPLETION, CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS, COMPLETE WITH ELEVATIONS, TO THE ENGINEER OF RECORD TO BE

LEGEND

—XXX—	PROPOSED CONTOUR	—XXX—	EXISTING CONTOUR
XXX	PROPOSED GRADE	(XXX)	EXISTING GRADE
⊙	PROPOSED MONUMENT	⊕	EXISTING MONUMENT
[Pattern]	PROPOSED A.C.	[Pattern]	EXISTING A.C.
—SS—	PROPOSED SEWER	—SS—	EXISTING SEWER
—W—	PROPOSED WATER	—W—	EXISTING WATER
—SD—	PROPOSED STORM DRAIN	—SD—	EXISTING STORM DRAIN
●	PROPOSED SEWER MANHOLE	○	EXISTING SEWER MANHOLE
•	PROPOSED SEWER CLEANOUT	⊕	EXISTING STORM DRAIN MANHOLE
⊕	PROPOSED STORM DRAIN MANHOLE	□	EXISTING CATCH BASIN
■	PROPOSED CATCH BASIN	⋈	EXISTING GATE VALVE
⋈	PROPOSED GATE VALVE	◁	EXISTING THRUST BLOCK
◁	PROPOSED THRUST BLOCK	⊙	EXISTING FIRE HYDRANT
⊙	PROPOSED FIRE HYDRANT		
⊠	PROPOSED WATER METER		
✓		— — — — —	WATER LINE FITTINGS
— — — — —		— — — — —	PROPERTY LINE
— — — — —		— — — — —	CENTER LINE OF STREET

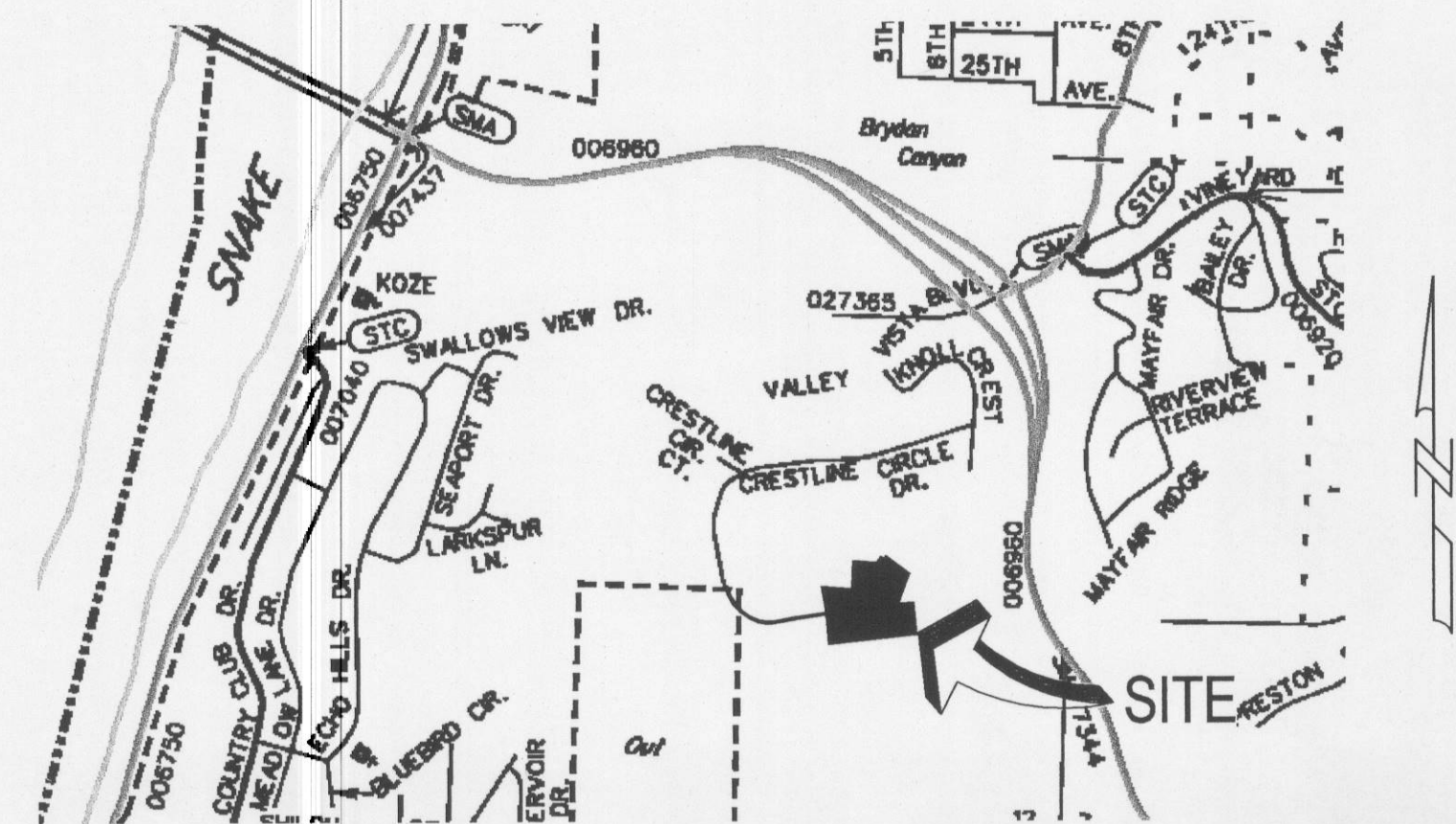
AGENCY TELEPHONE NUMBERS

CITY OF LEWISTON BUILDING INSPECTION	(208) 746-1319
CITY OF LEWISTON WATER & L.O.S.D.	(208) 746-1317
AVISTA UTILITIES CONTACT: KENNY RAY	(208) 798-1473
QWEST CORPORATION CONTACT: KIM BIGGS	(208) 798-0607
CABLE ONE CONTACT: LES SHRIVER	(208) 746-3325
UNDERGROUND UTILITY LOCATE (CALL 48 HOURS BEFORE YOU DIG)	1-800-342-1585

DEVELOPER:
McCANN FAMILY LIMITED PARTNERSHIP
202 26TH AVENUE
LEWISTON, IDAHO 83501

CONTACT: PAT McCANN (208) 743-7399

VICINITY MAP



SPECIAL INSPECTIONS

ITEM	INSPECTOR/CO.	DATE INSPECTED	INITIAL
1. SOILS COMPACTION - TRENCH BACKFILLING - STRUCTURAL FILLS	ACCURATE TESTING		
2. STORM DRAIN MAINS - ALIGNMENT AND GRADE - JOINTS ALIGNMENT - MANHOLES	KELTIC ENGINEERING		
3. WATER MAINS - ALIGNMENT AND GRADE - JOINTS ALIGNMENT - THRUST BLOCKS - HYDROSTATIC PRESSURE - CHLORINATION/BACTERIA	KELTIC ENGINEERING		
4. SEWER MAINS - ALIGNMENT AND GRADE - JOINTS ALIGNMENT - MANHOLES - PRESSURE TESTS	KELTIC ENGINEERING		

NOTE: SPECIAL INSPECTIONS TO BE COORDINATED BY CONTRACTOR AND PERFORMED BY THE COMPANIES LISTED ABOVE. 24 HOUR NOTICE TO THESE COMPANIES IS REQUIRED PRIOR TO INSPECTION.

SITE PERMIT QUANTITIES

EXCAVATION	4,009.62 C.Y.
EMBANKMENT	2,643.91 C.Y.
CATCH BASINS	9 EA.
DOMESTIC WATER LINE	1,635 L.F.
MANHOLES	14 EA.
SEWER LINE	1,357 L.F.
STORM DRAIN LINE	737 L.F.
CURB & GUTTER	1,739 L.F.

SHEET INDEX

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SHEET 7	STORM DRAIN PROFILES
SHEET 8	DETAIL SHEET

COVER SHEET & NOTES

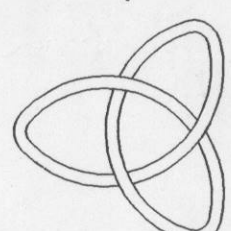
McCANN FAMILY LIMITED PARTNERSHIP

202 26TH AVENUE 1E

KELTIC ENGINEERING, Inc.

141 9th Street • Suite 2 • Lewiston, Idaho 83501 • (208) 743-2135 • (208) 743-2136 Fax

• Development • Planning • Design • Construction



DRAWN BY: RGW	CHECKED BY: EHH
DESIGNED BY: RGW	
DATE: 08-05-05	
LAST REV: 08-05-05	

EROSION CONTROL NOTES:

- 1) APPROVAL OF THE EROSION CONTROL ELEMENT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN.
- 2) IMPLEMENTATION, CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF ALL EROSION CONTROL MEASURES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND ALL VEGETATION/LANDSCAPING IS ESTABLISHED.
- 3) THE EROSION CONTROL FACILITIES ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
- 4) DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL UPGRADE AND MAINTAIN ALL EROSION CONTROL FACILITIES AS NEEDED FOR UNEXPECTED STORM EVENTS, AND TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.
- 5) ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 6) DURING INACTIVE PERIODS ON THE SITE, THE CONTRACTOR MUST INSPECT AND MAINTAIN EROSION CONTROL FACILITIES ONCE A MONTH AND WITHIN 48 HOURS FOLLOWING A STORM EVENT.
- 7) FILTER FABRIC SHALL BE PLACED UNDER THE GRATES OF NEWLY INSTALLED CATCH BASINS UNTIL PAVING OPERATIONS ARE COMPLETE. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 8) STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MUST BE TAKEN BY THE CONTRACTOR, IF NECESSARY, TO ENSURE THAT ALL EXISTING PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- 9) SEED, MULCH, AND FERTILIZE ALL DISTURBED GROUND NOT RECEIVING HARD SURFACE AT THE EARLIEST POSSIBLE TIME. USE SEED MIXES AND RATES AS PER LANDSCAPE DESIGNER.
- 10) EROSION AND DUST CONTROL MEASURES MUST BE USED DURING CONSTRUCTION TO REDUCE OR ELIMINATE BLOWING DUST, EXCESSIVE RUNOFF, AND SOIL EROSION ACROSS PROPERTY LINES AND INTO STREETS AND RIGHT-OF-WAY, AND TO ELIMINATE TRACKING SOIL AND MUD ONTO STREETS FROM CONSTRUCTION EQUIPMENT AND VEHICLES.

SEQUENCE OF WORK:

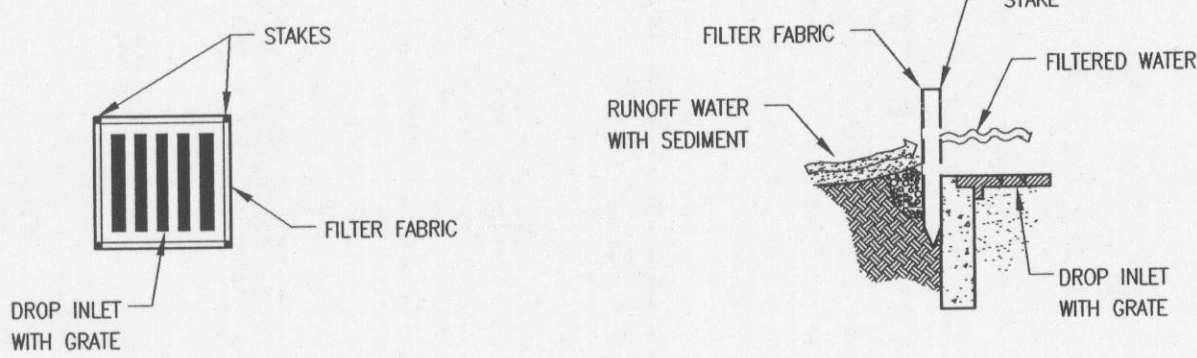
- 1) INSTALL STABILIZED CONSTRUCTION ENTRANCE
- 2) INSTALL OTHER EROSION CONTROL/SEDIMENT CONTROL MEASURES
- 3) CLEARING
- 4) GRADE SITE FOR ROAD/LOTS
- 5) INSTALL UTILITIES
- 6) TEMPORARY STABILIZE ROAD/LOTS.
- 7) INSTALL CURB AND GUTTER
- 8) CUT IN ROAD AND APPLY GRAVEL
- 9) FINAL GRADING
- 10) PERMANENT STABILIZATION

LEGEND:

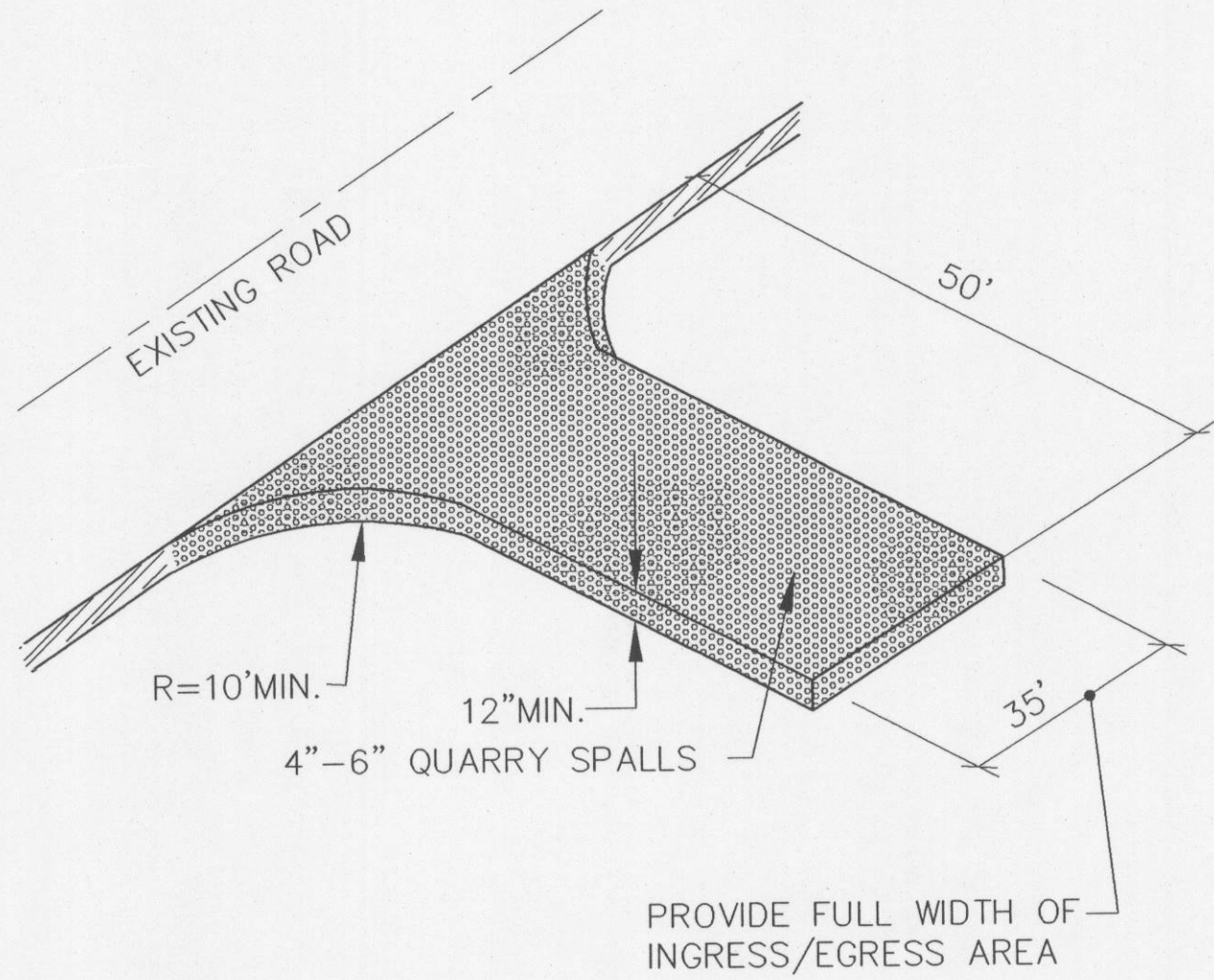
- PROPERTY LINE
LIMITS OF CLEARING AND GRADING
V-DITCH
PROPOSED INLET
PRE-DEVELOPED STORM WATER FLOW DIRECTION

SITE AREA TO BE DISTURBED: 11.67 ACRES

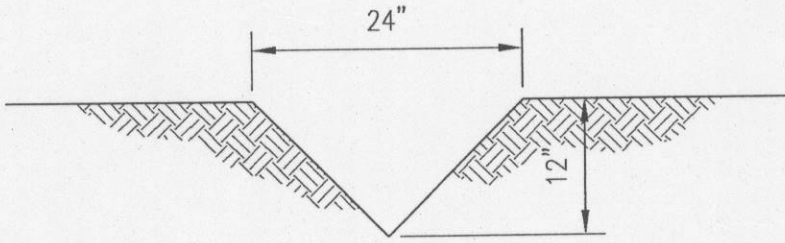
← SNAKE RIVER (± 1-0.5 MILES)



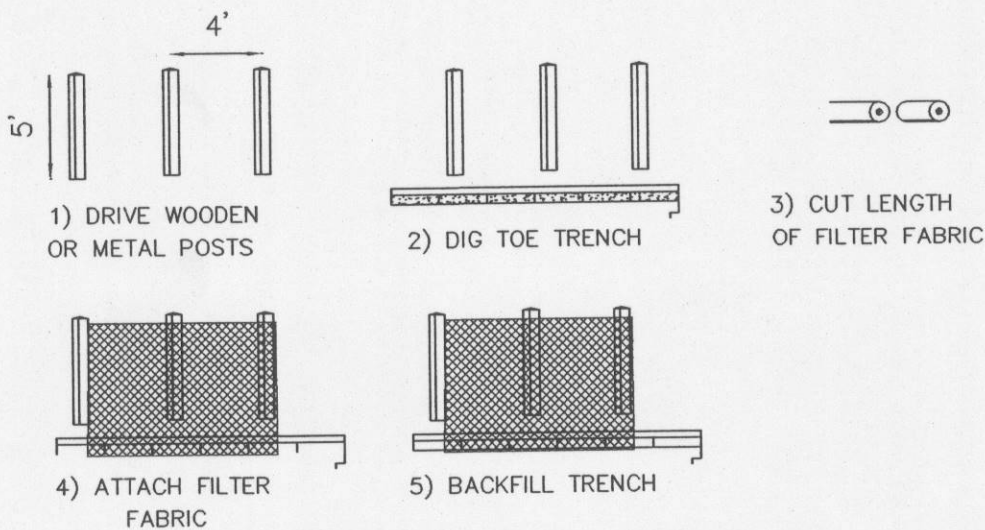
INLET PROTECTION FILTER FABRIC
N.T.S.



STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

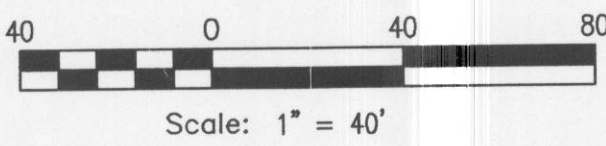


V-DITCH
N.T.S.



SILT FENCE DETAIL
N.T.S.

EROSION CONTROL PLAN



INLET PROTECTION (TYP.)

STABILIZED CONSTRUCTION ENTRANCE

Need Pond or other device to trap runoff

V-DITCH (TYP.)

erosion control?

Dust control Note?
TEMPORARY STOCKPILE AREA

LIMITS OF CLEARING AND GRADING

will all excavating be done now?

SILT FENCE (TYP.)

SILT FENCE (TYP.)

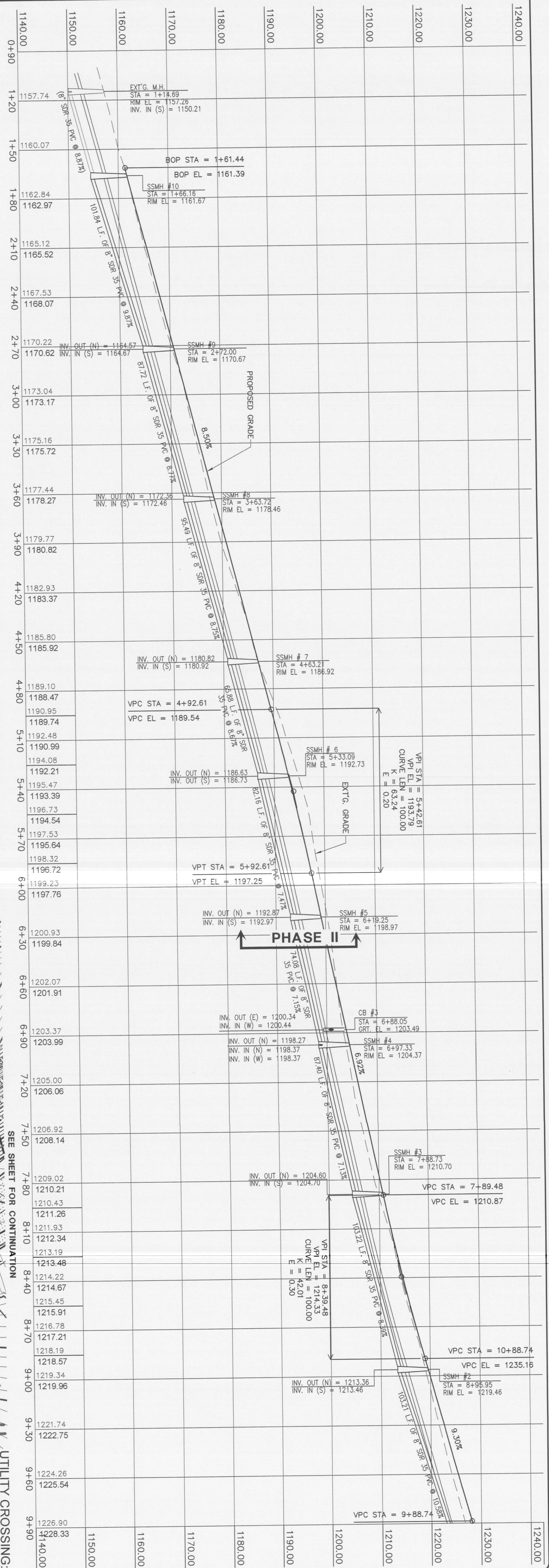
NO.	DATE	DESCRIPTION

EROSION CONTROL PLAN
McCANN FAMILY LIMITED PARTNERSHIP
202 26TH AVENUE
LEWISTON, ID. 83501

KELTC ENGINEERING, INC.
141 9th Street • Suite 2 • Lewiston, Idaho 83501 • (208) 743-2135 • (208) 743-2136 fax
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PROFESSIONAL ENGINEER
REGISTERED
Eric Hasevorn
6064
8/14/05
STATE OF IDAHO
ERIC HASEVORN, P.E.

DRAWN BY: RGW
DESIGNED BY: KJK
DATE: 08-25-05
LAST REV: 08-25-05
PROJECT NO. 05-051
SHEET NO. 2 OF 9

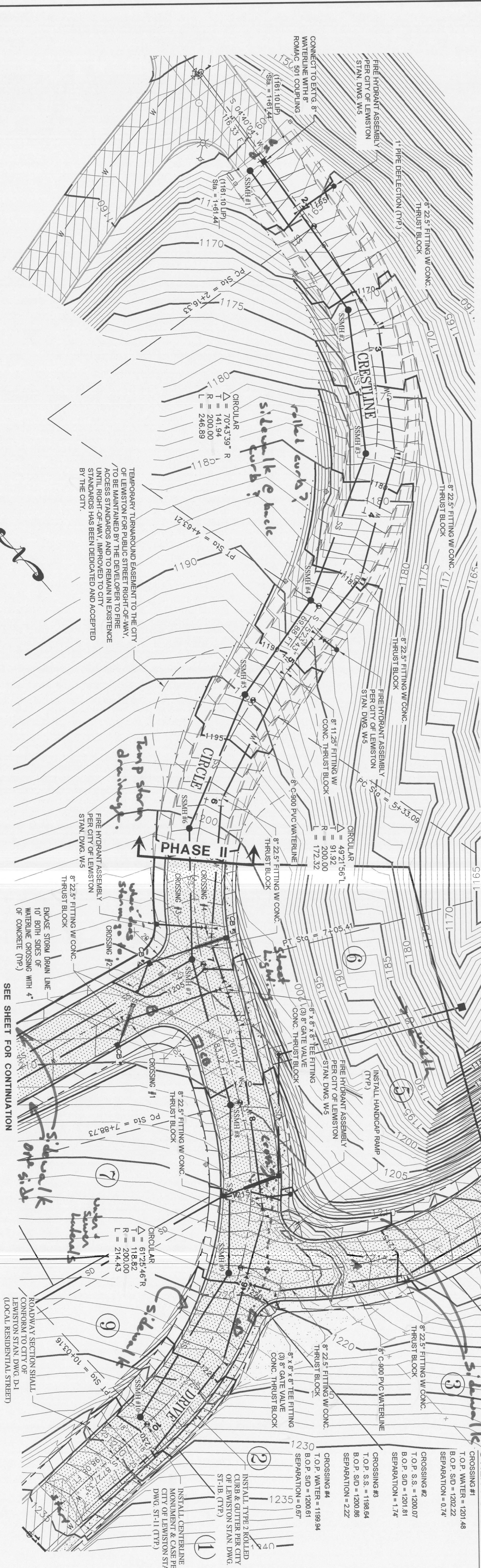
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CRESTLINE CIRCLE DRIVE

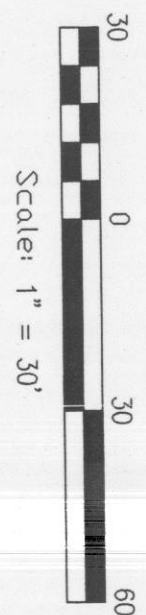
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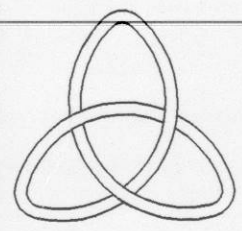


CRESTLINE CIRCLE DRIVE STA. 1+00 TO 9+60



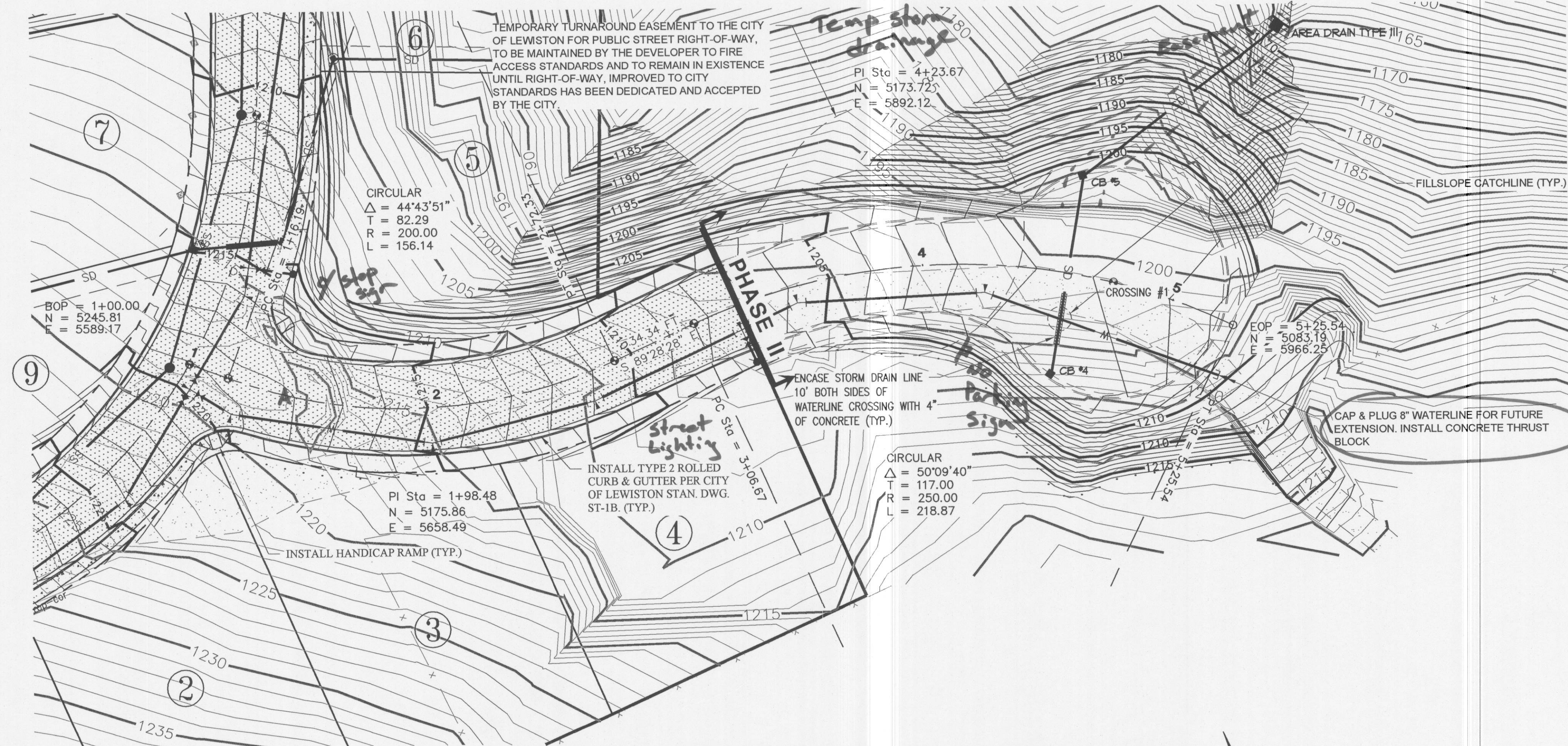
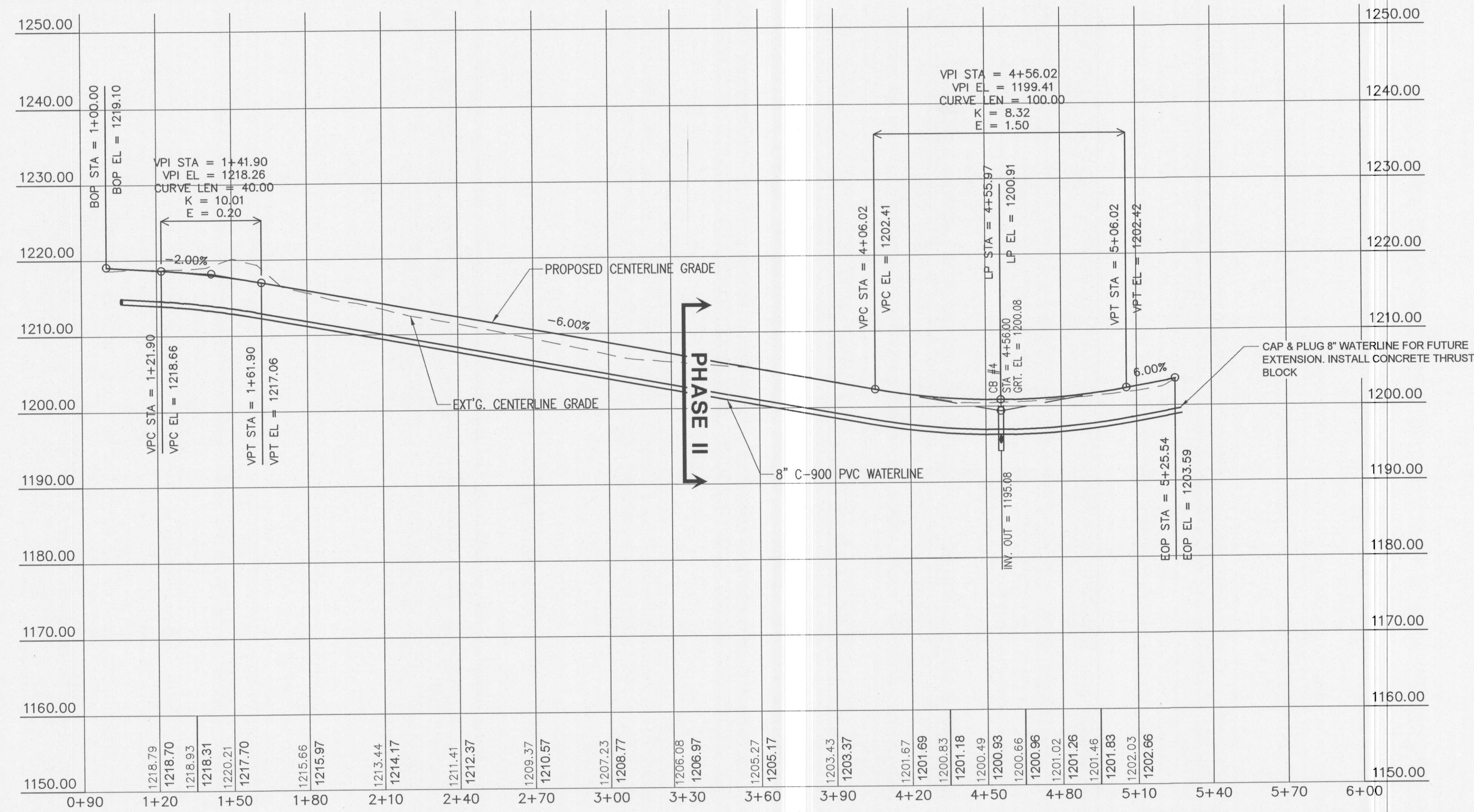
Scale: 1" = 50'

DRAWING BY: RCW		CHECKED BY: EFH	
DESIGNED BY: RCW			
DATE: 08-04-05	LAST REV.: 08-04-05		
PROJECT NO. 05-051			
SHEET NO. 3	OF 9		

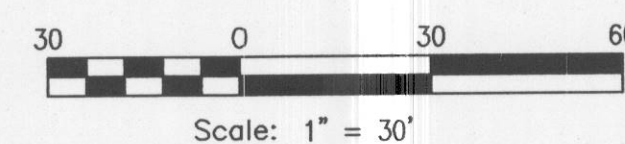


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EASTWAY COURT STA. 1+00 TO 5+25.54



UTILITY CROSSING:
 CROSSING #1
 T.O.P. S/D = 1195.65
 B.O.P. WATER = 1196.25
 SEPARATION = 0.59'

BY DATE

EASTWAY COURT PLAN & PROFILE

McCANN LIMITED FAMILY PARTNERSHIP

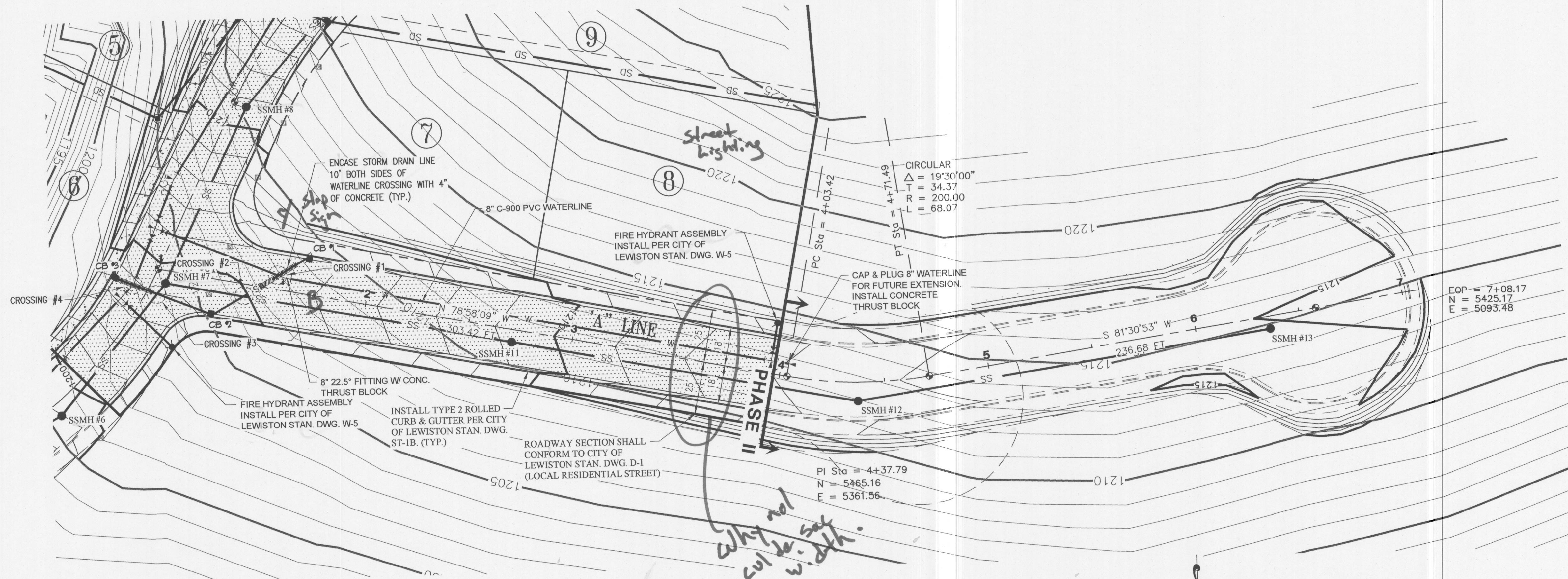
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LEWISTON, ID. 83501

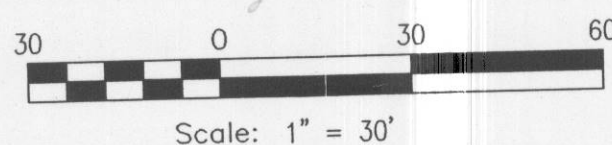
KELTIC ENGINEERING, INC.



DRAWN BY:	RGW	CHECKED BY:	EFH
DESIGNED BY:	RGW		
DATE:	08-04-05		
LAST REV:	08-04-05		
PROJECT NO.	05-051		
SHEET NO.	5	OF	9



WESTWAY COURT STA. 1+00 TO 7+08.17



UTILITY CROSSING:

CROSSING #1
T.O.P. WATER = 1201.48
B.O.P. S/D = 1202.22
SEPARATION = 0.74'

CROSSING #2
T.O.P. S.S. = 1200.07
B.O.P. S/D = 1201.81
SEPARATION = 1.74'

CROSSING #3
T.O.P. S.S. = 1198.64
B.O.P. S/D = 1200.86
SEPARATION = 2.22'

CROSSING #4
T.O.P. WATER = 1199.94
B.O.P. S/D = 1200.61
SEPARATION = 0.67'

DATE BY DESCRIPTION

WESTWAY COURT PLAN & PROFILE

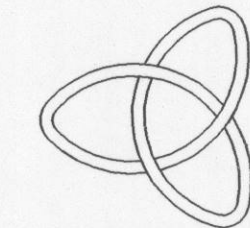
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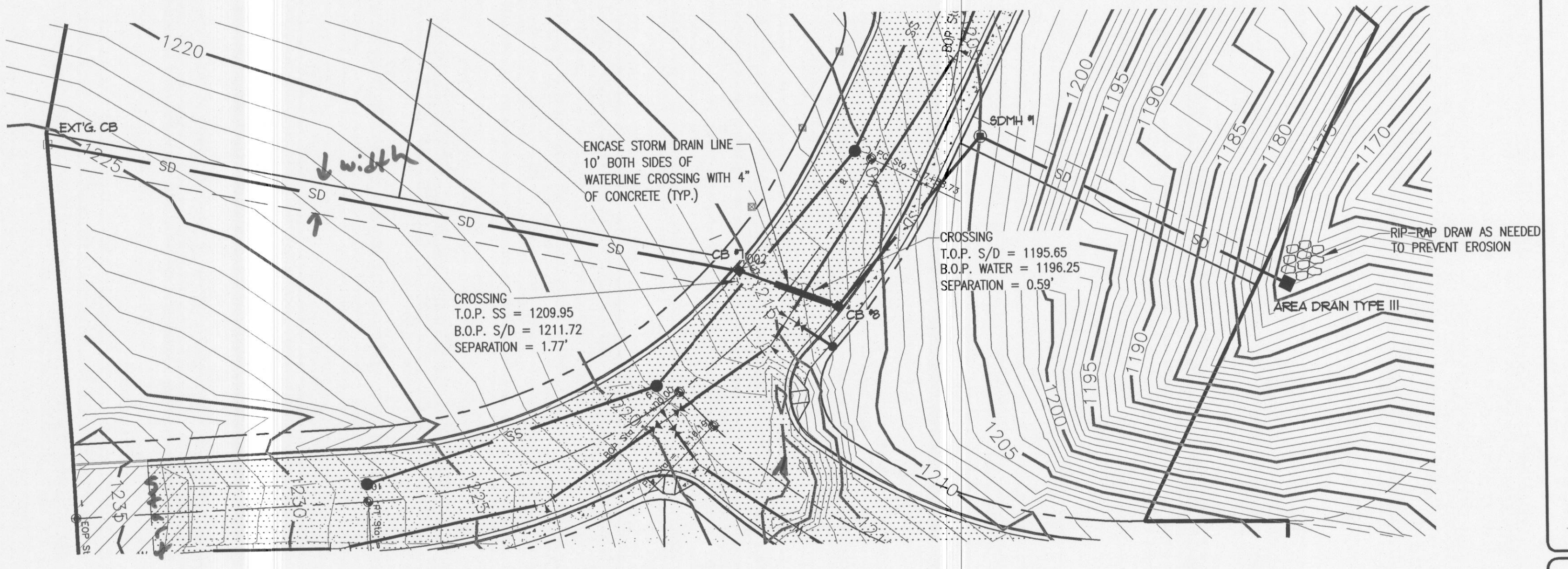
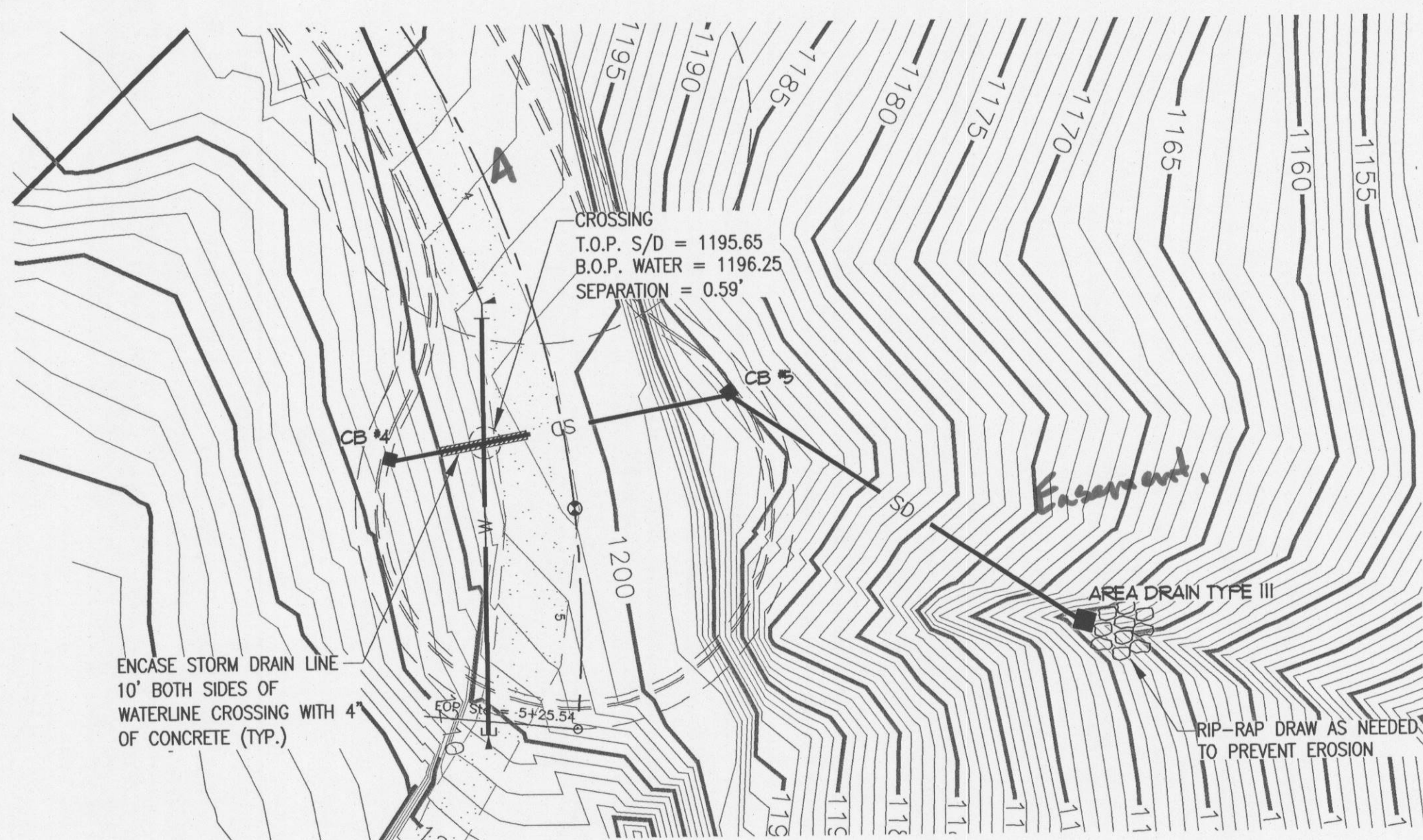
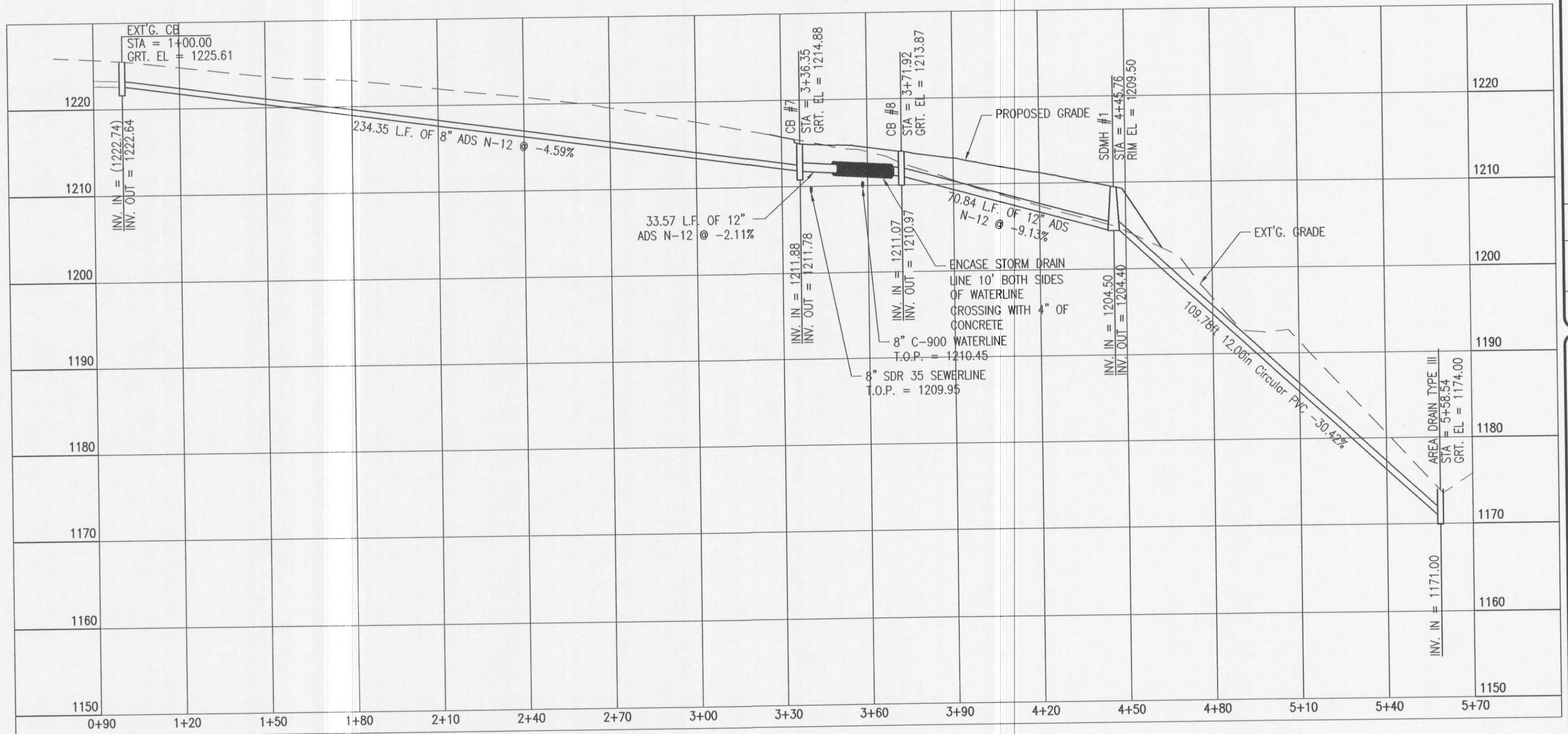
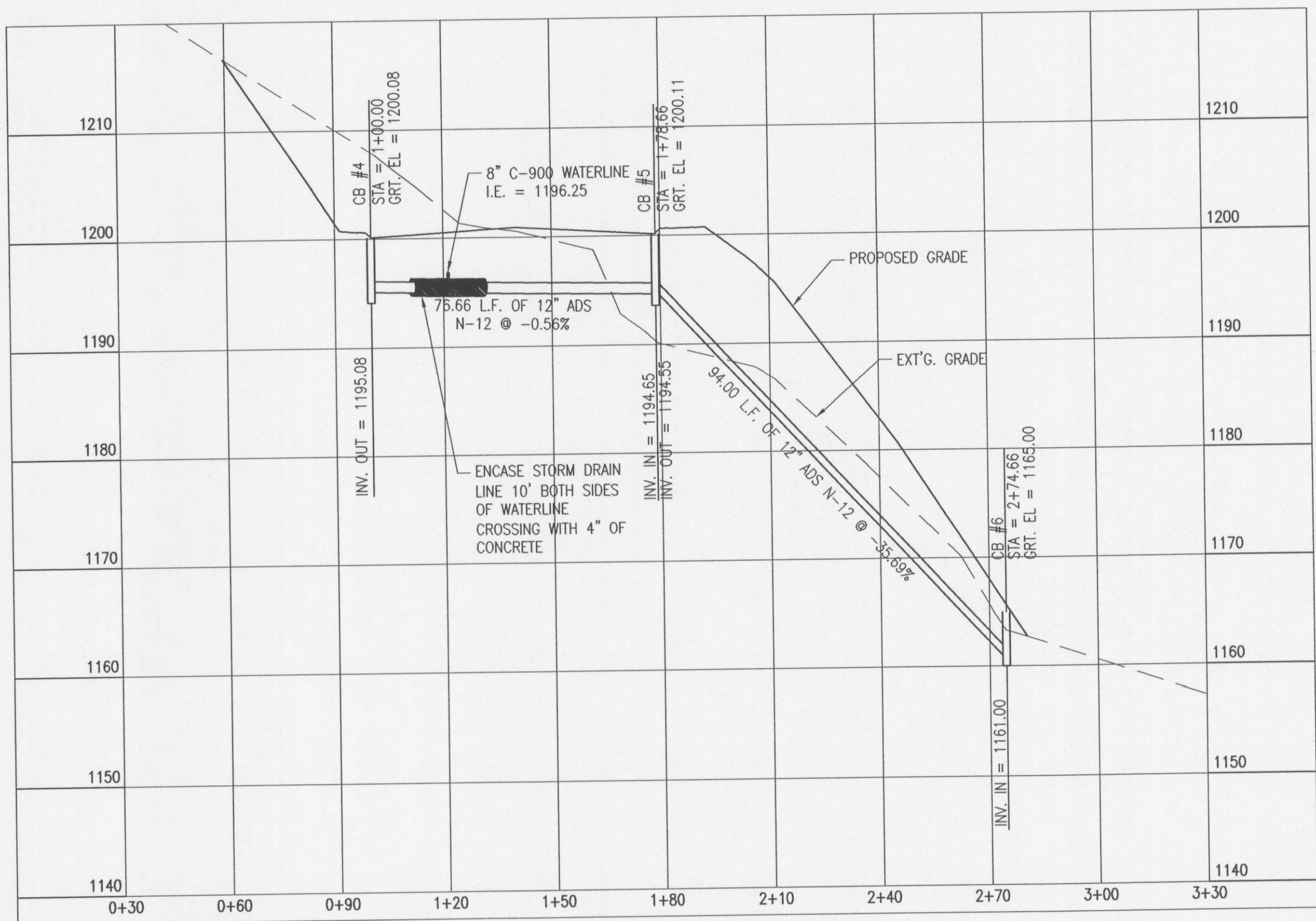
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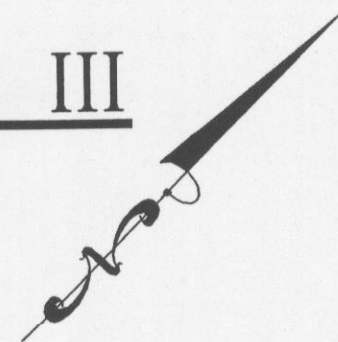
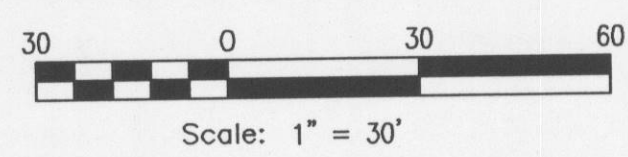
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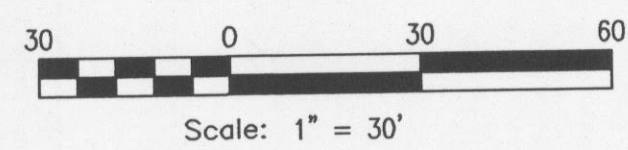
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DESIGNED BY: RGW
DATE: 08-05-05
LAST REV.: 08-05-05
PROJECT NO.: 05-051
SHEET NO.: 6 OF 9



CB #4 TO AREA DRAIN TYPE III



EXT'G. CB TO AREA DRAIN TYPE III



STORMDRAIN PLAN & PROFILES

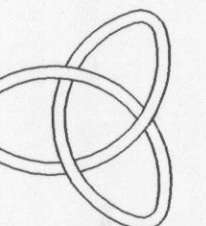
McCANN FAMILY LIMITED PARTNERSHIP

202 26TH AVENUE

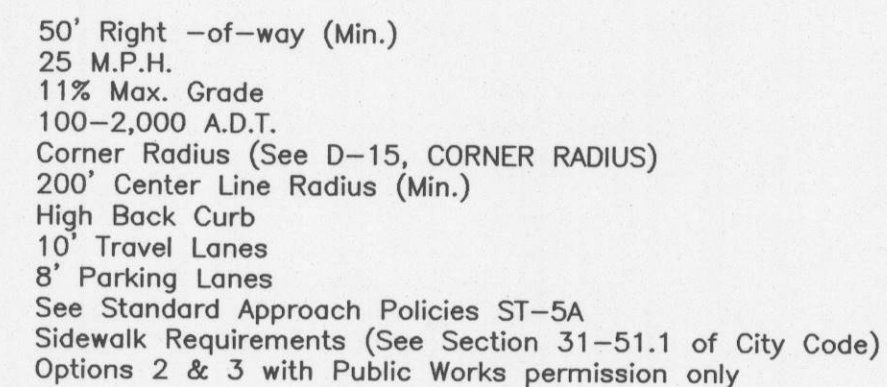
LEWISTON, IDAHO 83501

KELTIC ENGINEERING, INC.

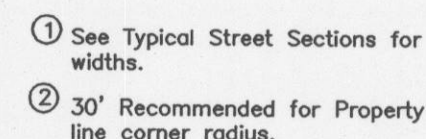
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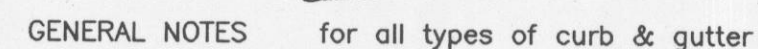
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RGW	EFH
DESIGNED BY:	
RGW	
DATE:	08-05-05
LAST REV:	08-05-05
PROJECT NO.	05-051
SHEET NO.	7 OF 9



CITY OF LEWISTON STANDARD DRAWING		
FRAME DETAIL FOR DROP INLET TYPE II		
APPROVED <u>MICHAEL JOHNSON P.E.</u>		
REVISION 25-83 MR.J 17-84 TCH 24-92	EXPLANATION notes, dimensions add FCO add	DWG. NO. ST-7A



CITY OF LEWISTON STANDARD DRAWING		
CUL-DE-SAC DESIGN		
APPROVED <u>Michael Johnson P.E.</u>		
REVISION	EXPLANATION	DRAW. NO.
10-4-83 MJR	Add Note	D-7
12-13-84 TCH	Add Note	
01-11-93	ACAD/Radius Increased	



1. Line and grade staked to T.C.--(top of curb) and F.C.--(face of curb) or lip of gutter.
 2. Grade and alignment to be approved by the Public Works Dept.
 3. The tolerance for finished curb, horizontal and vertical variance, is not to exceed 0.02 from line and grade as shown on plans.
 4. The curb to be 6" of 3/4 inch washed gravel compacted to 95% max. dry density & to be placed in 6" lifts for all fill or backfill areas.
 5. No rock is needed under curb and gutter in cut areas.
 6. Concrete will be 3000 psi.
 7. Dummy joint at 10 ft. intervals, 3/16 inch deep, construction joints as directed by Engineer.
 8. Name of contractor and year, to be stamped at each end of work and at intervals of 100 feet. Bench mark bolt to be set in top of curb in radius when supplied and requested by the Public Works Dept.
 9. The contractor may be required by the Public Works Dept. to mark stubouts and valves in the uncured concrete. The City will provide the necessary tools.
 9. Inspection: The contractor or owner shall notify the Public Works Dept. for inspection of the base material after the forms are set, and the Public Works Dept. will be notified no less than 18 hours before the placement of concrete for "final" inspection.
- Secure a permit for construction, before beginning construction in public right-of-way.

CITY OF LEWISTON STANDARD DRAWING	
CURB & GUTTER CONSTRUCTION REQUIREMENTS	
APPROVED <u>Michael Johnson P.E.</u>	
REVISED	EXPLANATION
10-4-83 MRJ	REVISE NOTE #6
08-4-92	ACAD

ST-1A



NOTE:
Type 2 rolled curb and gutter shall
only be installed with approval
of Public Works Department.

CITY OF LEWISTON STANDARD DRAWING		
CURB & GUTTER		
CONSTRUCTION REQUIREMENTS		
APPROVED _____		
REVISED	EXPLANATION	DWG. NO.
		ST-1E



1. Line and grade staked T.S. top of sidewalk, B.S., back of sidewalk.
2. Grade and alignment to be approved by the Public Works Dept.
3. The tolerance for finished sidewalk, horizontal and vertical variance is not to exceed 0.02' from line and grade as shown on plans.
4. Base will be 6" of 5/8" crushed gravel compacted to 95% max. dry density and to be placed in 6" lifts for all fill or backfill areas. No rock is needed under sidewalk in cut areas.
5. Dummy joints shall be placed at 5' or 10' intervals, 3/16" deep.
6. Concrete will be 3,000 p.s.i.
7. Name of Contractor and year to be stamped at each end of work and at intervals of 100 ft.
8. The Contractor or Owner shall notify the Public Works Dept. for inspection of base mat'l after the forms are set and the Public Works Dept. will be notified no less than 18 hrs. before placement of concrete, for final inspection.
9. See ST-5 for Driveway Entrance.
10. Option 1 & 2 without planting strip: with Public Works Dept. permission only.

less than 18 hrs. before placement

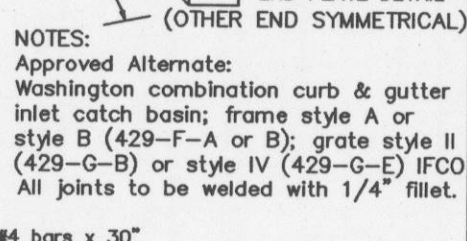
CITY OF LEWISTON STANDARD DRAWING

CONCRETE
SIDEWALK

APPROVED Michael Johnson P.E.

REVISION	EXPLANATION	DWG. NO.
1-B-B5 TCH	S/W WIDTH	
6-4-92	ACAD	

ST



CITY OF LEWISTON STANDARD DRAWING		
FRAME DETAIL FOR DROP INLET TYPE II		
APPROVED <u>MICHAEL JOHNSON P.E.</u>		
REVISED	EXPLANATION	DWG. NO.
10-25-83 MR. J	notes, dimensions	ST-7A
12-7-84 TCH	add FCD	
7-24-92	ascd	

