

IMPROVEMENT PLAN

LEWISTON-CLARKSTON PARTNERS HABITAT FOR HUMANITY LEWISTON, ID 83501

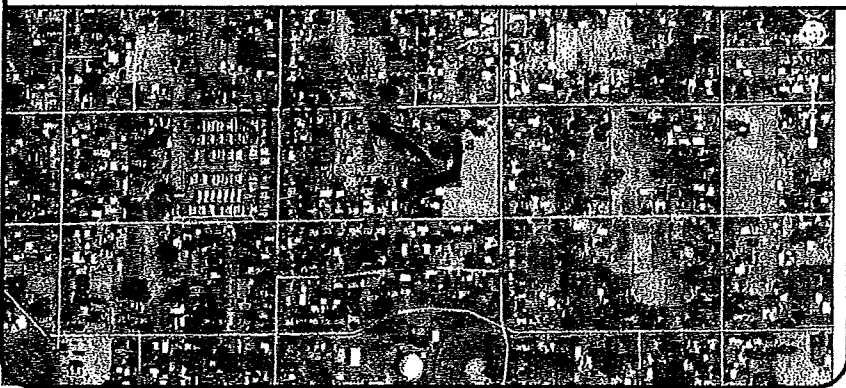
GENERAL NOTES

- 1) 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.
- 2) THE CONTRACTOR SHALL TAKE ALL NECESSARY PREVENTATIVE MEASURES TO PROTECT THE EXISTING IMPROVEMENTS. ANY DAMAGE SHALL BE REPLACED AT NO COST TO THE OWNER.
- 3) THE CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE SO AS TO HAVE A MINIMUM IMPACT ON THE EXISTING TRAFFIC. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL.
- 4) OWNER'S PROPERTY CORNERS SHALL BE PROTECTED AT ALL TIMES.
- 5) ALL WORK SHALL CONFORM TO CITY OF LEWISTON CODES AND CONFORM TO IDOT STANDARD SPECIFICATIONS, 2012.
- 6) SITE DISTANCES FOR ABUTTING PROPERTIES, DRIVEWAYS, AND INTERSECTIONS MUST BE MAINTAINED.
- 7) 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 VEHICLE TRAFFIC.
- 8) IMPROVEMENTS CONSTRUCTED ON RIGHT-OF-WAY MUST FOLLOW CITY OF LEWISTON ROAD STANDARDS AND SPECIFICATIONS.
- 9) ALL CONSTRUCTION NOT SPECIFICALLY MENTIONED OR SHOWN SHALL CONFORM TO CITY OF LEWISTON ORDINANCES AND STANDARDS.
- 10) ALL ROADWAY FILL SHALL BE AS A MINIMUM, CLEAN, UNIFORMLY GRADED, COMPACTED TO 95% OF THE MAX. DRY DENSITY DETERMINED BY MODIFIED PROCTOR ASTM D, 1557. COMPACTION LAYERS SHALL BE 8" DEEP.
- 11) ALL CURB AND GUTTER SHALL CONFORM TO CITY OF LEWISTON CURB & GUTTER STANDARD #2-6, & 2-7.
- 12) SIDEWALKS SHALL CONFORM TO THE CITY OF LEWISTON ROAD STANDARDS AND SPECIFICATIONS #2-1, - 2-11
- 13) ALL WATER AND SEWER UTILITIES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF LEWISTON.
- 14) THE CONTRACTOR SHALL PROVIDE 4 FT MIN. COVER ON ALL WATER LINES.
- 15) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES, WHICH ARE TO REMAIN IN SERVICE. UNDERGROUND POWER, TELEPHONE, AND CABLE TV SERVICE CONDUIT LOCATIONS ARE APPROXIMATE. VERIFY STUB LOCATIONS WITH SERVING UTILITY.
- 16) UPON COMPLETION, THE ENGINEER SHALL PROVIDE AS-BUILT DRAWINGS, COMPLETE WITH ELEVATIONS, TO THE CITY OF LEWISTON ENGINEER.

LEGEND

	EXISTING SOIL
	CRUSHED AGGREGATE
	CONCRETE
	EXISTING LOT LINE
	HIDDEN LINE
	EXISTING RIGHT-OF-WAY
	CENTER LINE
	EXISTING BUILDING
	WATER LINE
	NATURAL GAS
	FENCE

VICINITY MAP



AGENCY TELEPHONE NUMBERS

CITY OF LEWISTON PUBLIC WORKS	(208) 746 1316
WARREN WATTS ENGINEERING	(509) 780 9725
CONTRACTOR;	(____) ____
PROPERTY OWNER (HABITAT FOR HUMANITY)	(509) 758 7396
CONTACT RYAN FOUT	(208) 305 1367

INSPECTIONS

INSPECTOR/CO	DATE	INITIAL

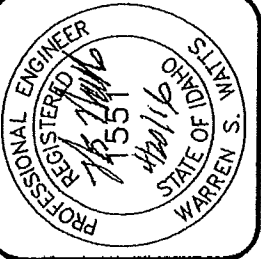
SHEET INDEX

SHEET # C1	COVER
SHEET # C2	INSPECTION CHECK LIST
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SHEET # 2	GRADING
SHEET # 3	PROFILE
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SHEET # 5	STORM DRAIN DETAILS
SHEET # 6	RETENTION POND
SHEET # 7	CITY STANDARDS

SITE IMPROVEMENTS

LEWISTON-CLARKSTON PARTNERS
HABITAT FOR HUMANITY
LEWISTON, IDAHO 83501
COVER

DRAWN BY: WRW	CHECKED BY: WSW
DESIGNED BY: WSW	
DATE: 02/22/2016	
LAST REV: 04/20/2016	
PROJECT NO.: 16-005	



WW ENGINEERING

CIVIL ENGINEERING

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- * WATER & SEWAGE SYSTEMS
- * ENVIRONMENTAL SERVICES

PHONE (509) 780 9725

- * ROADS & SUBDIVISIONS
- * RESIDENTIAL & COMMERCIAL
- * STRUCTURES

DRAWN BY: WRW	CHECKED BY: WSW
DESIGNED BY:	WSW
DATE:	03/04/2016
LAST REV:	04/20/2016
PROJECT NO.:	16-005
SHEET	C2 OF C2

W W ENGINEERING

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(LW) LOID WATER	(TP) TELEPHONE PEDESTAL	----- GAS -----	GAS PIPE
(MH) MAN HOLE-SS	(TH) TEST HOLE	-----	SS PIPE
(GAS) NATURAL GAS	(WM) WATER METER	-----	WATER PIPE
(PP) POWER POLE	(WS) WATER SERVICE	-----	EXISTING RIGHT-OF-WAY
(SW) STORM SEWER	(WV) WATER VALVE	-----	CENTER LINE ROAD

Cooldn. 4" = 70

16TH STREET

CURB INLET SEE CITY OF
LEWISTON STANDARD DRAWING
2-3 (SHT 7 OF 7)

CURB INLET SEE CITY OF
LEWISTON STANDARD DRAWING
2-3 (SHT. 7 OF 7)

CURB INLET SEE CITY OF
LEWISTON STANDARD DRAWING
2-3 (SHT 7 OF 7)

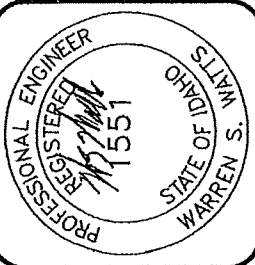
ADA SIDEWALK
RAMP SEE DETAIL
SHT 6 OF 7

FND 1/2" REBAR

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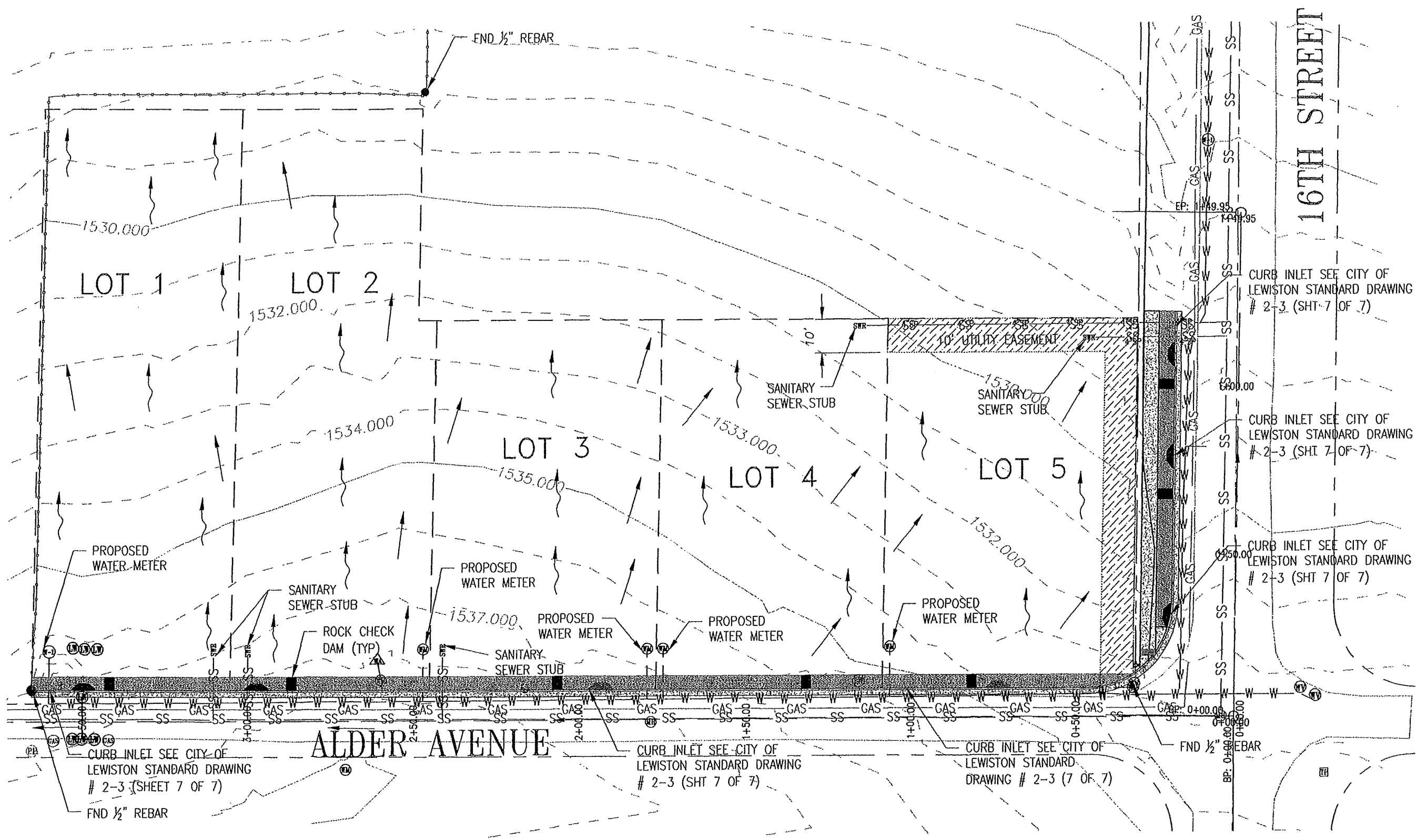


IMPROVEMENT PLANS

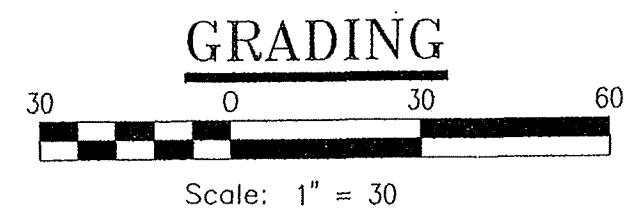
LEWISTON-CLARKSTON PARTNERS
HABITAT FOR HUMANITY
LEWISTON, IDAHO 83501
SITE

DRAWN BY: WRW	CHECKED BY: WSW
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DATE:	03/04/2016
LAST REV:	04/20/2016
PROJECT NO:	

All Phase Construction & Design drafting 16-WW-ENGINEERING 16-005 L-C PARTNERS HABITAT FOR HUMANITY 16-005 HABITAT FOR HUMANITY SITE.dwg, 4/20/2



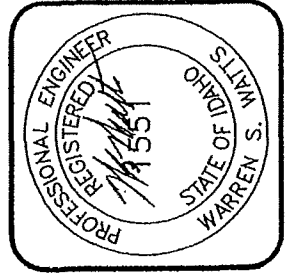
→ EXISTING GRADE
~ PROPOSED GRADE



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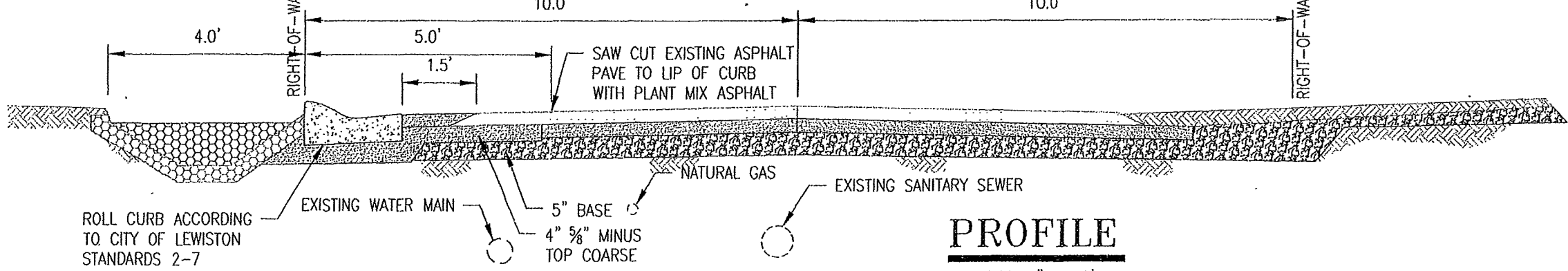
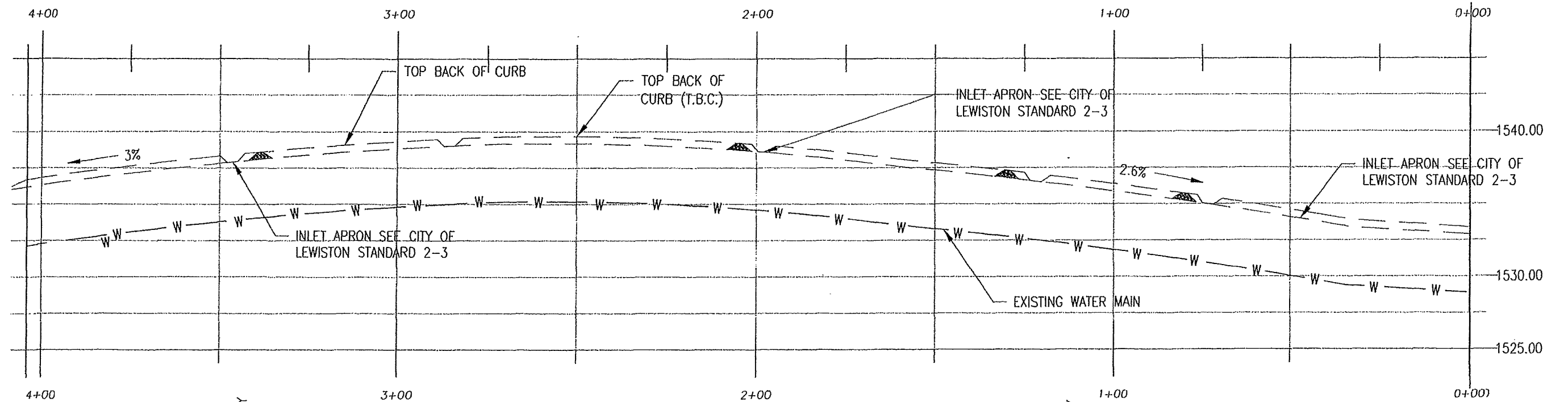
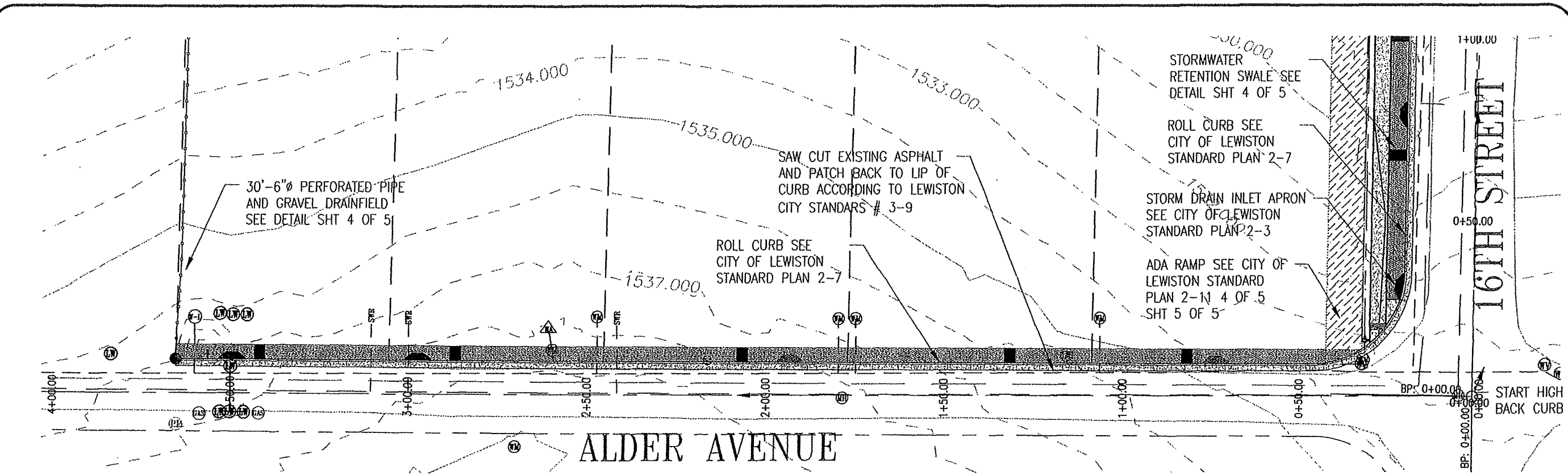


IMPROVEMENT PLANS

LEWISTON-CLARKSTON PARTNERS
HABITAT FOR HUMANITY
LEWISTON, IDAHO 83501
GRADING

DRAWN BY:	WRW	CHECKED BY:	WSW
DESIGNED BY:	WSW		
DATE:	03/04/2016		
LAST REV:	04/20/2016		
PROJECT NO.:	16-005		
SHEET	2 OF 7		

\\Phase Construction & Design\drafting\16-WW ENGINEERING\16-005 L-C PARTNERS HABITAT FOR HUMANITY SITE.dwg. 4/20/2

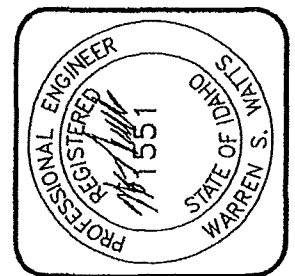


PROFILE

SCALE: HORZ. 1" = 50'
VERT 1" = 12.5'

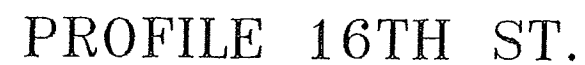
WW ENGINEERING

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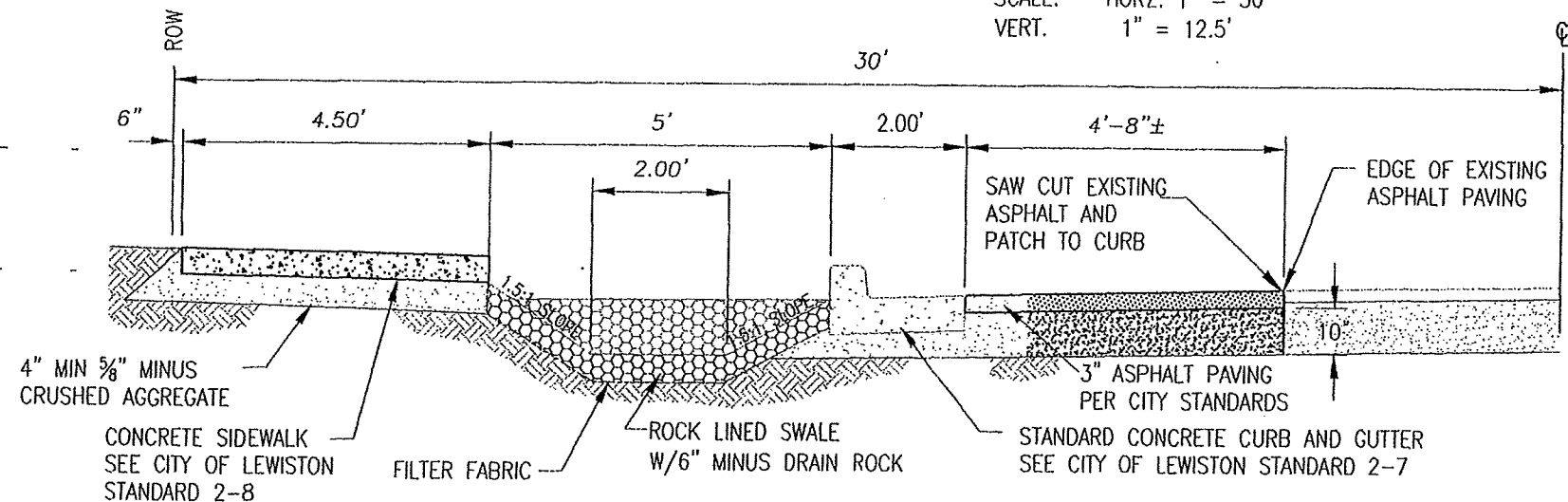


IMPROVEMENT PLANS
LEWISTON-CLARKSTON PARTNERS
HABITAT FOR HUMANITY
LEWISTON, IDAHO 83501
PROFILE ALDER AVE

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WRW	WSW
DESIGNED BY:	WSW
DATE:	03/04/2016
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PROJECT NO.:	16-005



SCALE: HORZ. 1" = 50'
 VERT. 1" = 12.5'



STA. 0+50 SECTION 16TH STREET

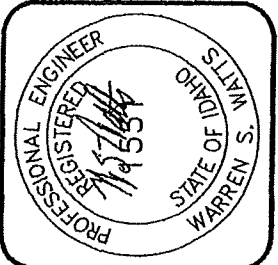
SCALE: N.T.S.

WV ENGINEERING

PHONE (509 780 9725
* ROADS & SUBDIVISIONS
* RESIDENTIAL & COMMERCIAL
* STRUCTURES

CIVIL ENGINEERING

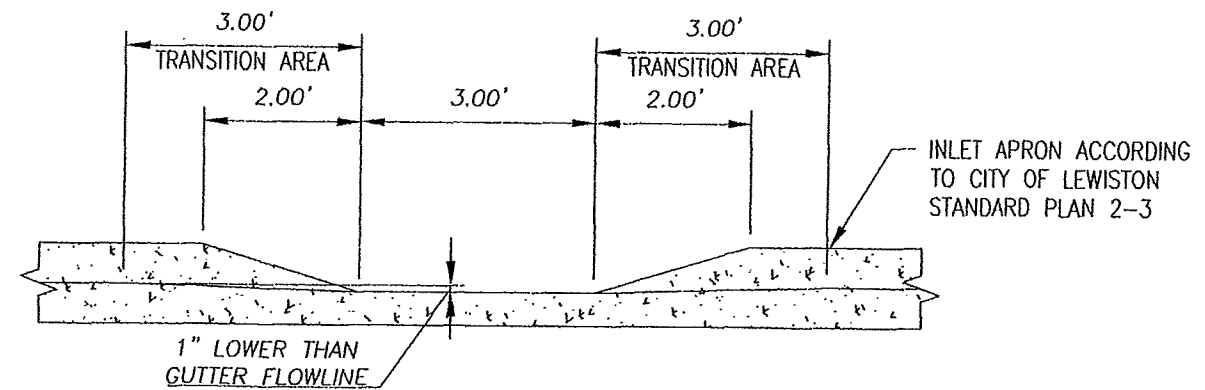
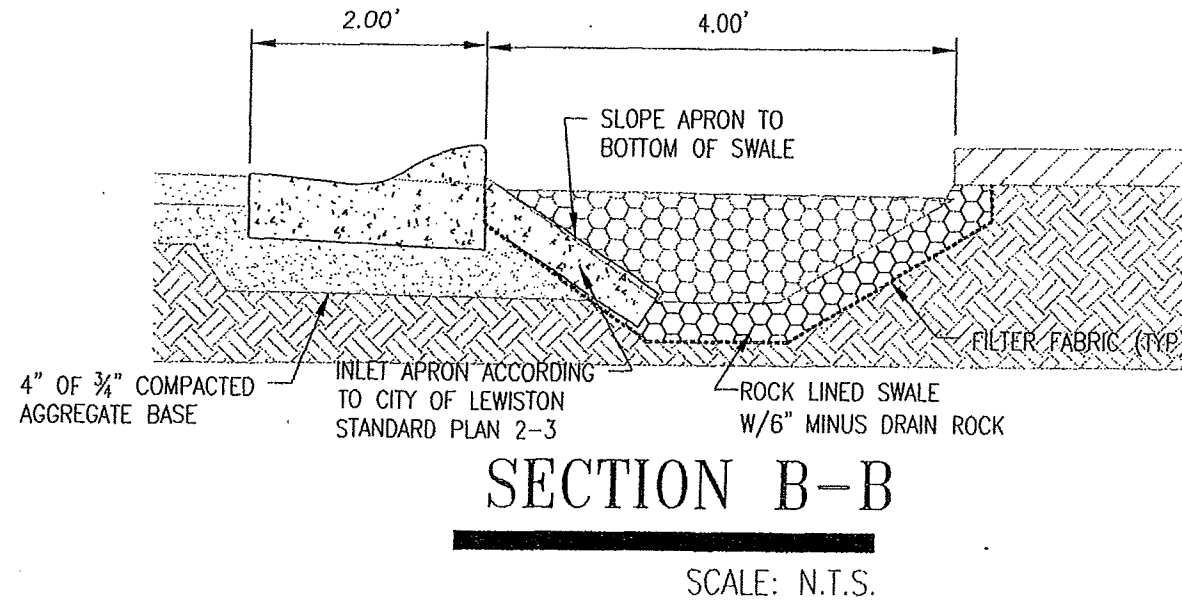
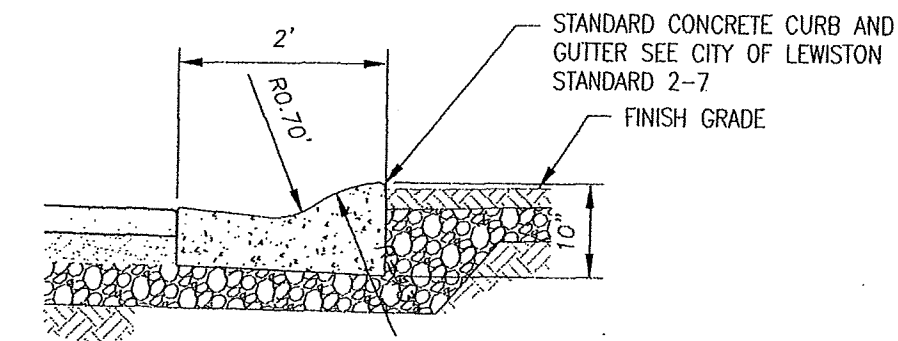
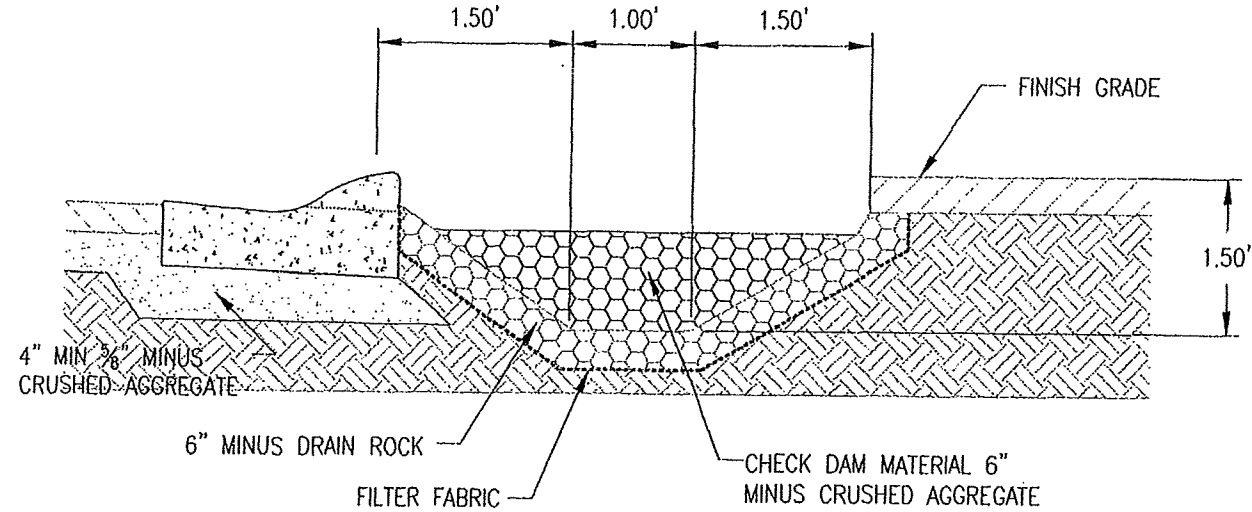
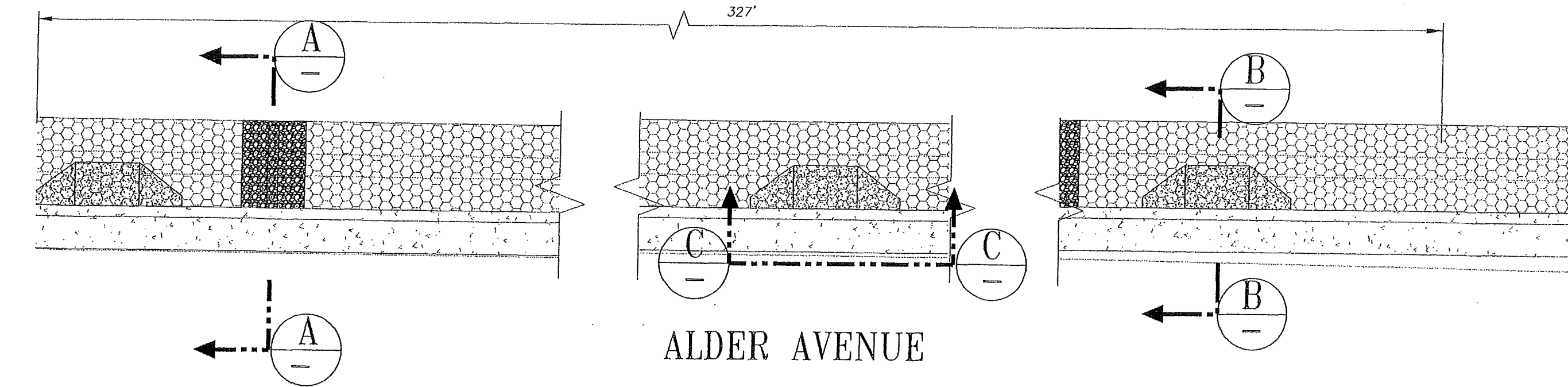
- * PLANNING & DESIGN
- * WATER & SEWAGE SYSTEMS
- * ENVIRONMENTAL SERVICES



IMPROVEMENT PLANS

LEWISTON-CLARKSTON PARTNERS
HABITAT FOR HUMANITY
LEWISTON, IDAHO 83501
PROFILE 16TH ST.

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PROJECT NO.:	16-005
SHEET	4 OF 7

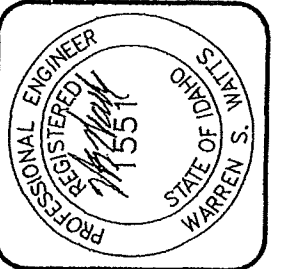


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- * PLANNING & DESIGN
- * WATER & SEWAGE SYSTEMS
- * ENVIRONMENTAL SERVICES
- * ROADS & SUBDIVISIONS
- * RESIDENTIAL & COMMERCIAL
- * STRUCTURES



IMPROVEMENT PLANS

LEWISTON-CLARKSTON PARTNERS
HABITAT FOR HUMANITY
LEWISTON, IDAHO 83501
STORMDRAIN SYSTEM

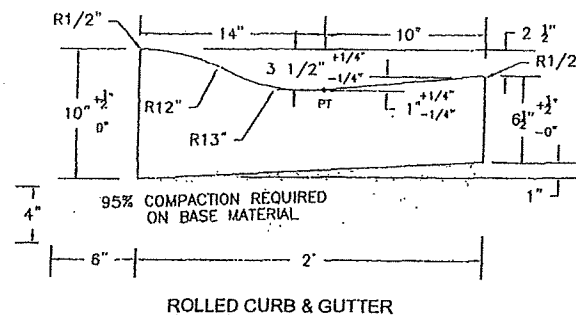
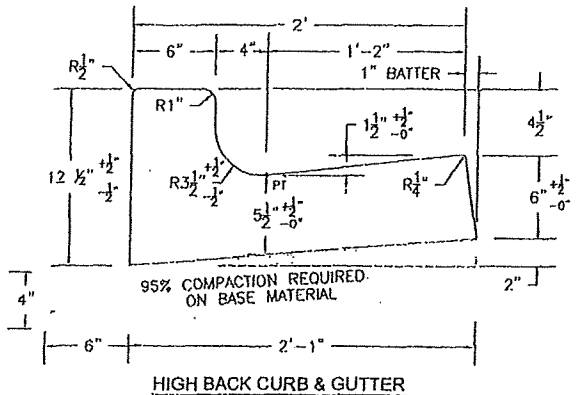
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DESIGNED BY: WSW	
DATE: 03/04/2016	
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PROJECT NO.: 16-005	

GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER

1. SECURE A PERMIT FOR CONSTRUCTION, BEFORE BEGINNING CONSTRUCTION IN PUBLIC RIGHT-OF-WAY.
2. GRADE, ALIGNMENT AND CURB TYPE SHALL BE AS APPROVED BY THE CITY ENGINEER.
3. ALIGNMENT AND GRADE STAKED TO LIP OF GUTTER (LIP) SHALL BE ESTABLISHED OR APPROVED BY THE CITY ENGINEER.
4. THE TOLERANCE FOR FINISHED CURB AND GUTTER - MAX. VARIATION OF SURFACE FLATNESS: 1/4 INCH IN 10 FEET MAX. VARIATION FROM TRUE POSITION (DESIGN GRADE): 1/2 INCH
5. BASE MATERIAL SHALL BE 4" OF 3/4 INCH MINUS [CURRENT ITD SPEC 703.04] OR 5/8 INCH MINUS [CURRENT WDOT/M41-10 SPEC 9-03.9] CRUSHED AGGREGATE BASE MATERIAL COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR AS PER AASHTO T160. ALL FILL OR BACKFILL AREAS SHALL BE PLACED IN 6" TO 8" MAXIMUM LIFTS. IN AREAS OF SMALL PROJECTS, LIMITED HEAVY TRUCK TRAFFIC OR WHERE COMPACTION EQUIPMENT HAS LIMITED ACCESS A REDUCED % COMPACTION MAY BE ALLOWED WITH WRITTEN APPROVAL FROM PUBLIC WORKS DIRECTOR.
6. CONCRETE SHALL BE 3,000 PSI MINIMUM AT 28 DAYS, MAXIMUM WATER/CEMENT RATIO SHALL BE 0.5 (LB/LB), 5" MAX. SLUMP, AIR CONTENT (%) 6.5 ±1.5.
7. DUMMY JOINTS AT 10 FOOT INTERVALS AND AT CURB RADI, 3/4" TO 1" DEEP. CONSTRUCTION JOINTS LOCATIONS AS DIRECTED BY CITY ENGINEER. DIFFERENTIAL ELEVATION BETWEEN ADJACENT SECTIONS SHALL NOT EXCEED 1/4".
8. THE CONTRACTOR ARE REQUIRED BY THE PUBLIC WORKS DEPARTMENT TO MARK STUB-OUTS AND VALVES IN THE UNCURED CONCRETE.
9. THE CONTRACTOR OR OWNER SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT FOR INSPECTION AFTER THE FORMS ARE SET AND THE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED NO LESS THAN 2 WORKING DAYS BEFORE PLACEMENT OF CONCRETE FOR A FINAL INSPECTION. FAILURE TO NOTIFY THE PUBLIC WORKS DEPARTMENT IS GROUNDS FOR REJECTION OF CURB AND GUTTER.
10. CONCRETE SURFACE TO HAVE A LIGHT BROOM FINISH PARALLEL WITH THE LENGTH OF THE CURB.
11. APPLY UNIFORM COAT OF REZ-SEAL OR APPROVED EQUIVALENT CURING COMPOUND TO EXPOSED CONCRETE IMMEDIATELY AFTER FINISHING..
12. ROLLED CURB AND GUTTER SHALL NOT BE USED:
 - A. ON STREETS IN COMMERCIAL AND INDUSTRIAL ZONED AREAS.
 - B. ON STREETS WITH LONGITUDINAL (LENGTHWISE) GRADES IN EXCESS OF 6%.
 - C. ON ANY ARTERIAL OR COLLECTOR
 - D. WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER.
 - E. WHEN SIDEWALK IS LOCATED AT THE BACK OF CURB.

CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT GENERAL NOTES FOR ALL TYPES OF CURB AND GUTTER

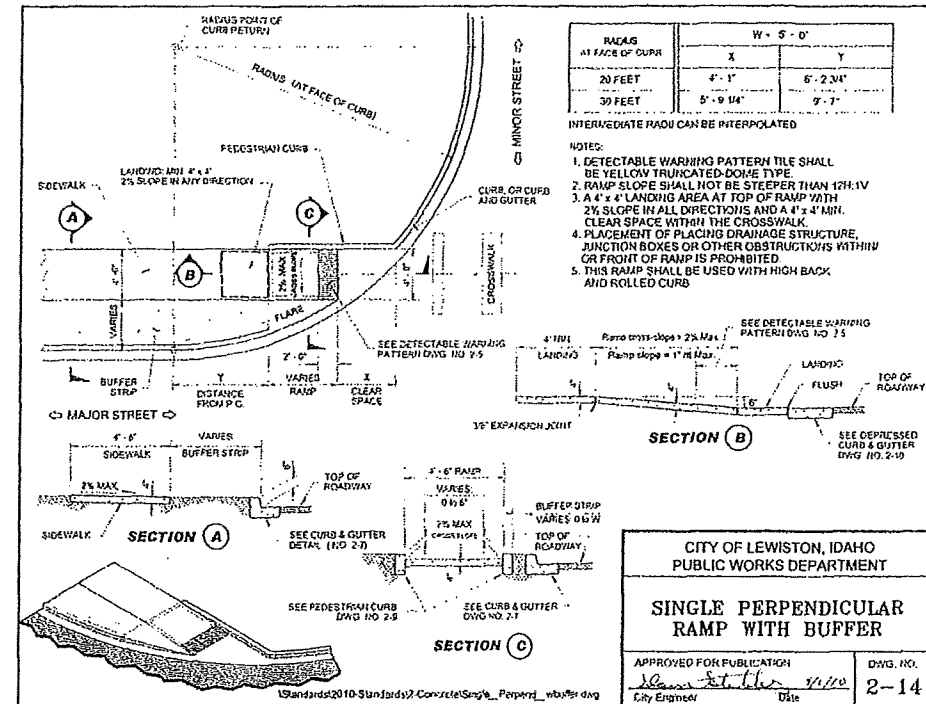
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City Engineer *[Signature]* Date 4/24/12 DWG. NO. 2-6



ALL TOLERANCES ARE ±1/4" UNLESS OTHERWISE NOTED

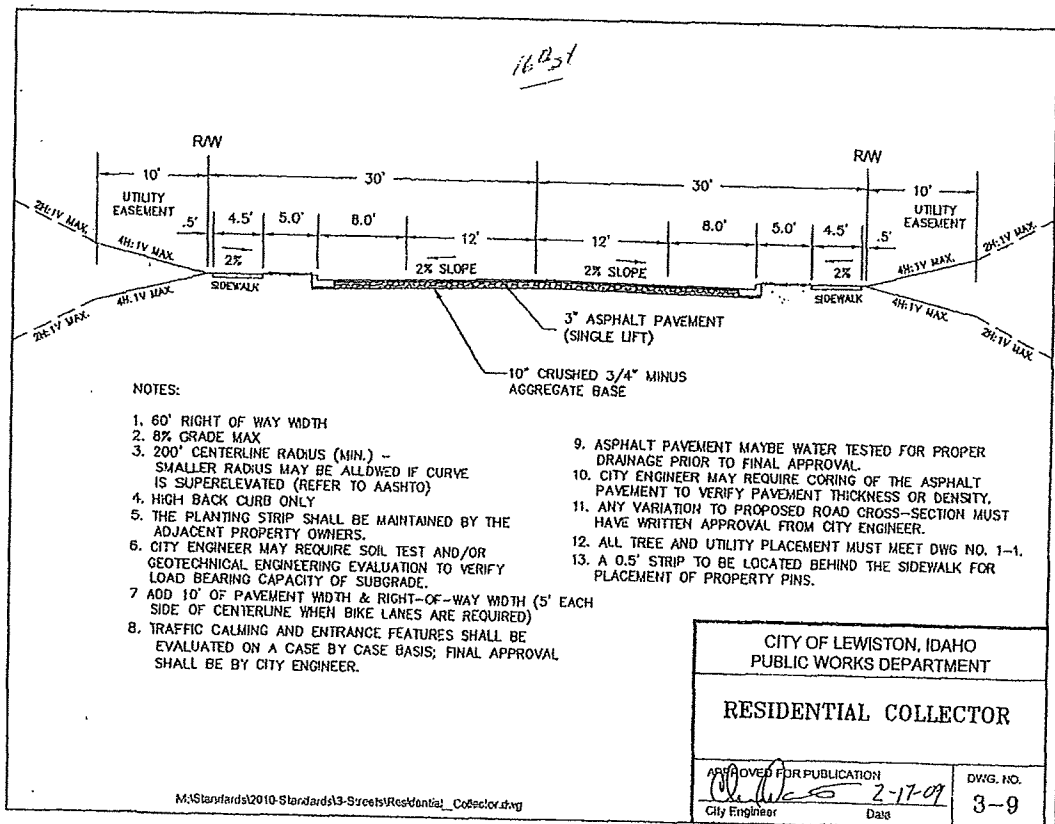
CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT HIGH BACK CURB & GUTTER ROLLED CURB & GUTTER

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City Engineer *[Signature]* Date 2-5-09 DWG. NO. 2-7



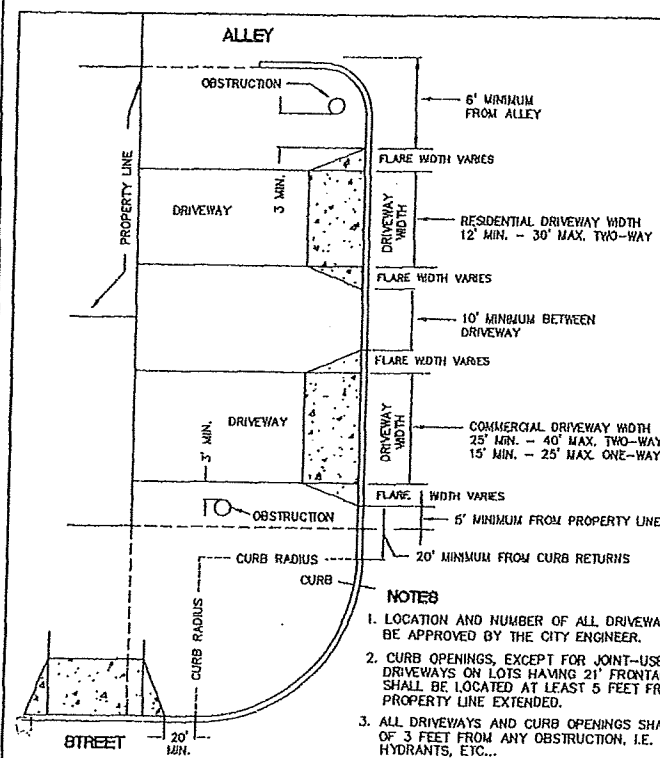
CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT SINGLE PERPENDICULAR RAMP WITH BUFFER

APPROVED FOR PUBLICATION
City Engineer *[Signature]* Date 4/24/12 DWG. NO. 2-14



CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT RESIDENTIAL COLLECTOR

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City Engineer *[Signature]* Date 2-17-09 DWG. NO. 3-9

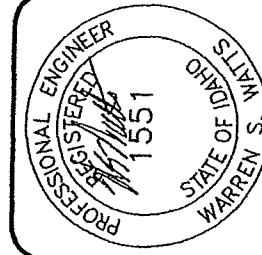


CITY OF LEWISTON, IDAHO PUBLIC WORKS DEPARTMENT DRIVEWAY LOCATION & WIDTH REQUIREMENT

APPROVED FOR PUBLICATION
City Engineer *[Signature]* Date 2-5-09 DWG. NO. 2-1

IMPROVEMENT PLANS LEWISTON-CLARKSTON PARTNERS HABITAT FOR HUMANITY LEWISTON, IDAHO 83501 CITY STANDARDS

DRAWN BY: WRW
DESIGNED BY: WSW
DATE: 03/04/2016
LAST REV: 04/20/2016
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