

CARLTON HANGAR ADDITION (8.99 ac.)

10-12-20
REV 10-06-20

THE SOUTHEAST QUARTER, OF THE SOUTHEAST QUARTER, OF THE
SOUTHWEST QUARTER, OF SECTION 7, TOWNSHIP 35 NORTH, RANGE 5
WEST, BOISE MERIDIAN. CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

CONTACT INFORMATION

PROJECT ADDRESS: WEST OF 4TH STREET WARNER AVE. TO PARK DR.	
OWNER:	STEVE CARLTON CONSTRUCTION CONTACT: STEVE CARLTON 1103 BRYDEN AVENUE LEWISTON, ID 83501 PHONE: (208) 743-3257 email: steve@carltonconstruction.com
CIVIL ENGINEER: INSPECTOR:	C. RYAN FISKE, P.E. ANACLINE ENGINEERING 4045 EAGLE CT. LEWISTON, ID 83501 PHONE: (208) 791-8055 email: anacline@aol.com

STANDARDS

- 1) CITY INSPECTION CHECKLIST
- 2) IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (LATEST ED.)
- 3) AMERICAN WATER WORKS ASSOCIATION STANDARDS
- 4) IDAPA 58 & 10 STATE STANDARDS
- 5) CITY, COUNTY & STATE CODES
- 6) INTERNATIONAL BUILDING CODE 2003
- 7) INTERNATIONAL FIRE CODE 2003
- 8) CITY OF LEWISTON STANDARD DRAWINGS & SPECIFICATIONS
- 9) AMERICANS WITH DISABILITIES ACT
- 10) NATIONAL ELECTRIC COUNCIL & LOCAL ELECTRIC CODES
- 11) L.O.I.D. SUPPLEMENTAL TECHNICAL SPECIFICATIONS 1-18-18

UTILITY CONTACTS

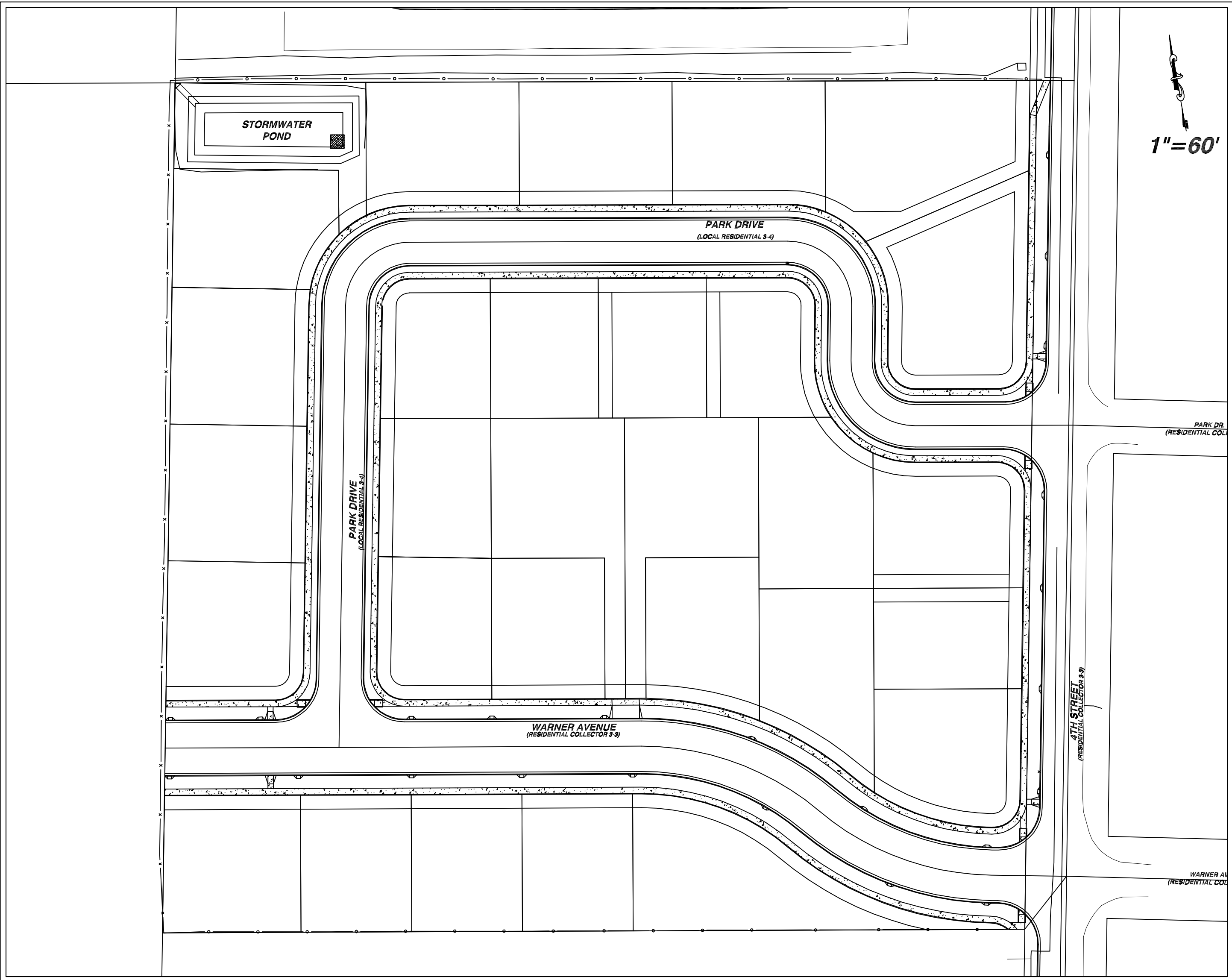
	ENTITY	CONTACT	PHONE
POWER	AVISTA	COLBY WITTERS	509.780.1475
WATER	L.O.I.D.	CHRIS WOODY	208.790.2287
SEWER	C.O.S.D.	MICHELLE GRUELL	208.746.9689
PHONE	CENTURY LINK	CODY HOLLENBACK	208.798.8380
CABLE	SPARKLIGHT	RICK RAMSEY	208.746.3336
SEWER	L.O.S.D.	URBAN WESSELS	208.791.9346
FIRE	CITY OF LEW.	LINDA STEPUTAT	208.743.3554
HEALTH	NORTH CENTRAL	ED MARUGG	208.799.3100
CITY	ENGINEER	PUBLIC WORKS	208.746.1316

INSPECTIONS & NOTIFICATIONS

NOTE: THE ENGINEER OF RECORD IS REQUIRED TO INSPECT THE INFRASTRUCTURE CONSTRUCTION TO INSURE CONFORMANCE TO PLAN REQUIREMENTS. THE CONTRACTOR WILL PROVIDE THE ENGINEER EVERY FRIDAY, A SCHEDULE OF THE WORK TO BE PERFORMED THE FOLLOWING WEEK. THE CONTRACTOR SHALL PROVIDE ACCURATE REDLINE DRAWINGS FOR THE ENGINEER TO PROVIDE "AS-BUILT" PLANS AFTER THE CONSTRUCTION IS COMPLETE.

NOTIFICATION SIGN: A SIGN SHALL BE ERECTED UPON APPROVAL OF THE BUILDING PERMIT FOR THE PROJECT. AT A MINIMUM THE SIGN SHALL HAVE THE FOLLOWING:
1) THE SIGN SHALL BE AT LEAST 15 FEET SQUARE IN SIZE.
2) THE SIGN SHALL HAVE A DESCRIPTION OF THE APPROVED PROJECT.
3) THE SIGN SHALL CONTAIN THE PHONE NUMBER FOR THE PUBLIC TO OBTAIN ADDITIONAL INFORMATION.

SITE PLAN



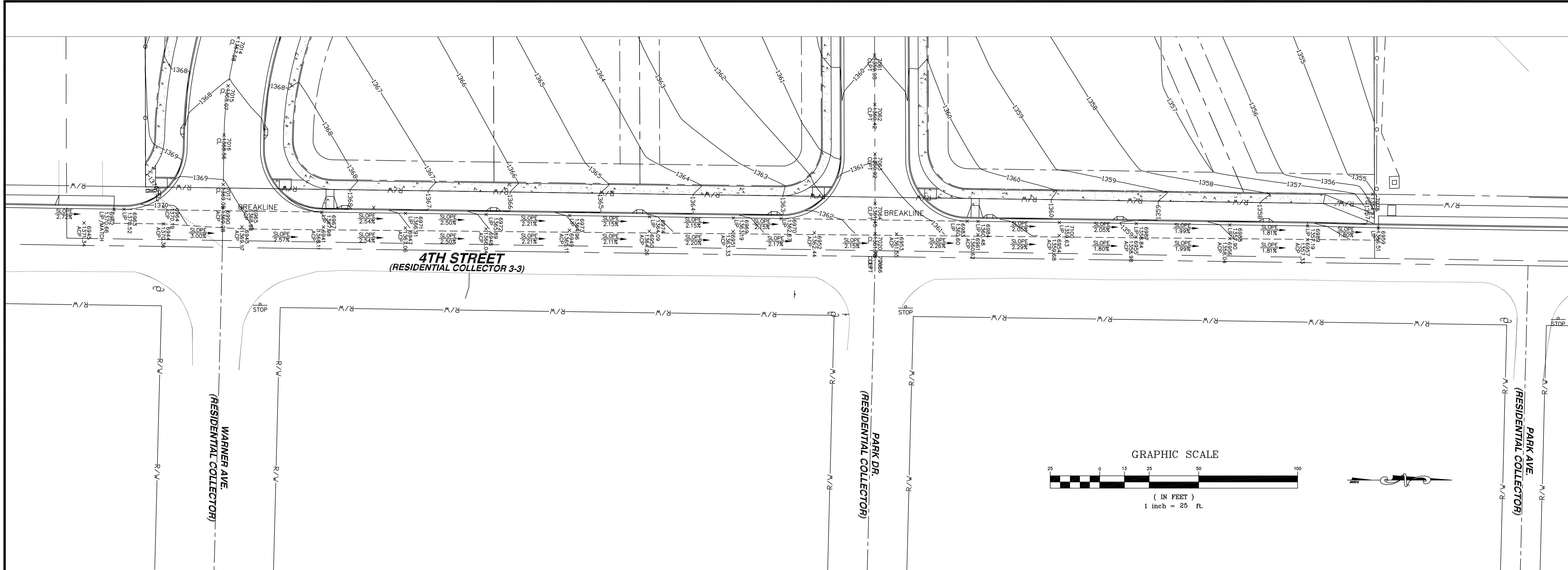
SHEET INDEX

- SHEET 1 - COVER
- SHEET 2 - TRAFFIC CONTROL PLAN
QUANTITIES, LEGEND, NOTES
- SHEET 3 - DEMOLITION PLAN
- SHEET 4 - EROSION CONTROL PLAN
- SHEET 5 - GRADING PLAN
- SHEET 6 - 4TH STREET GRADING PLAN
- SHEET 7 - WARNER AVENUE GRADING PLAN & PROFILE
- SHEET 8 - PARK DRIVE 0+00 TO 3+50 GRADING PLAN, PROFILE
- SHEET 9 - PARK DRIVE 3+50 TO 9+76 GRADING PLAN, PROFILE
- SHEET 10 - WARNER AVENUE UTILITY PLAN & PROFILE
- SHEET 11 - PARK DRIVE 0+00 TO 3+50 UTILITY PLAN, PROFILE
- SHEET 12 - PARK DRIVE 3+50 TO 9+76 UTILITY PLAN, PROFILE
- SHEET 13 - FRANCHISE UTILITY PLAN AVISTA UTILITIES
- SHEET 14 - WARNER AVENUE CIVIL PLAN
- SHEET 15 - PARK DRIVE 0+00 TO 3+50 CIVIL PLAN
- SHEET 16 - PARK DRIVE 3+50 TO 9+76 CIVIL PLAN/CIVIL DETAILS
- SHEET 17 - CITY STANDARDS FOR STREET & CONCRETE
- SHEET 18 - CITY DETAILS FOR STREET & CONCRETE
- SHEET 19 - CITY DETAILS FOR STREET & CONCRETE
- SHEET 20 - CITY DETAILS FOR WATER UTILITIES
- SHEET 21 - CITY DETAILS FOR SEWER UTILITIES
- SHEET 22 - CITY DETAILS FOR STORMWATER UTILITIES
- SHEET 23 - CITY INSPECTION, TESTING, & DISCLAIMER
- SHEET 24 - LOID DETAILS

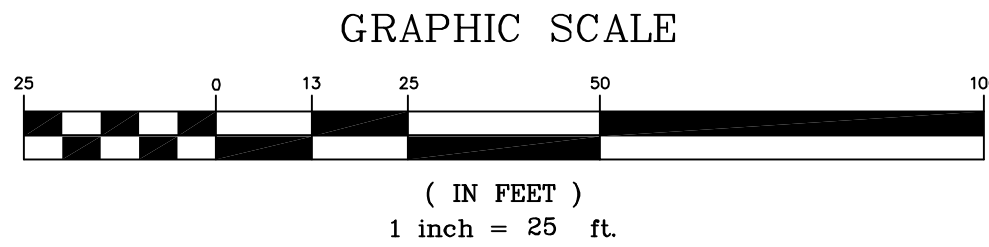


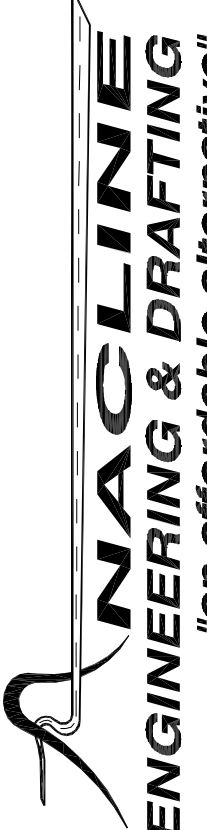
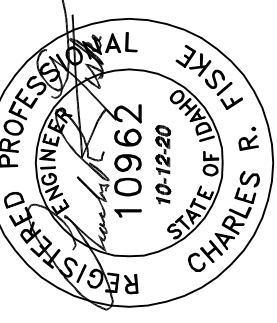
CONTRACTOR SHALL CALL 1-800-342-1585
& HAVE ALL UNDERGROUND UTILITIES LOCATED
AT LEAST TWO WORKING DAYS PRIOR TO THE
START OF ANY CONSTRUCTION.

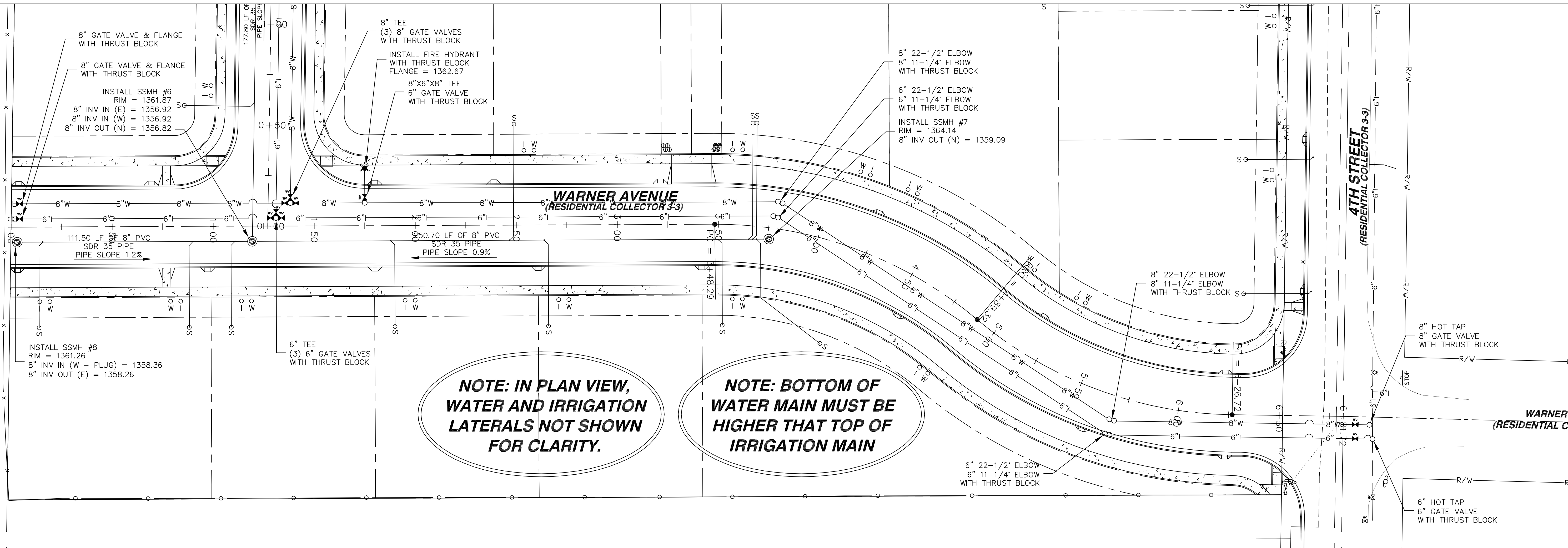




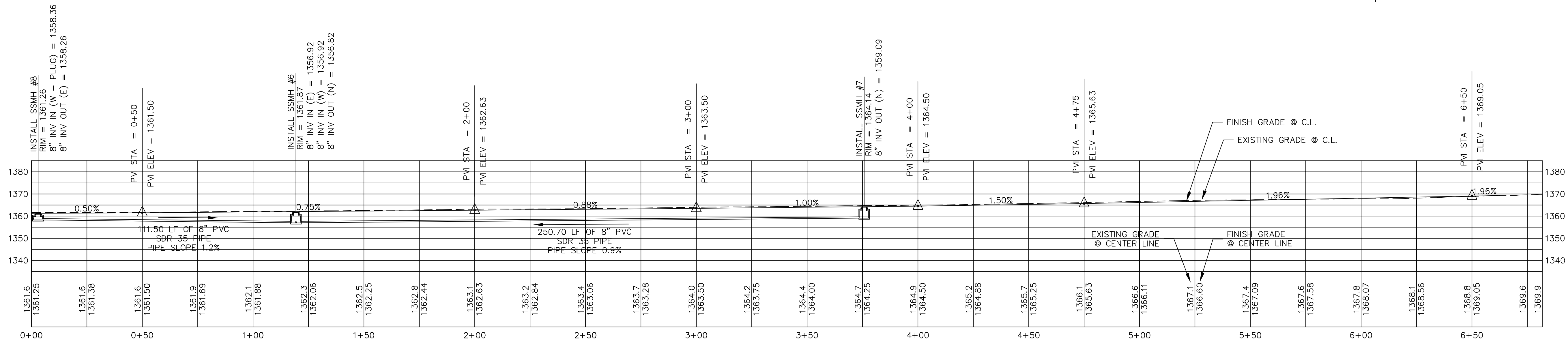
4 TH STREET GRADING PLAN



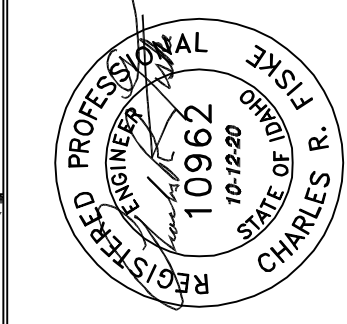
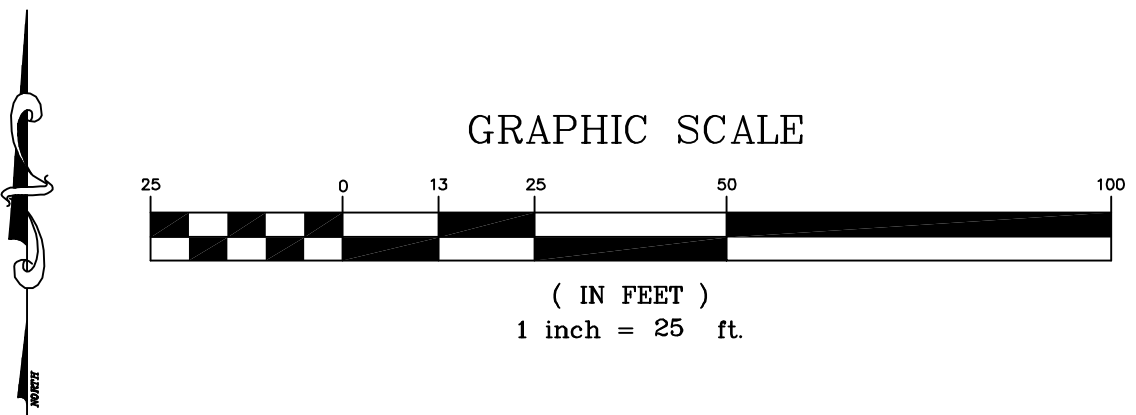
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PROJECT NO.: 682		SHEET 6 OF 24	
CARLTON HANGAR ADD. LEWISOTN IDAHO 83501 4TH ST-WARNER/PARK AVE. 4TH STREET GRADING PLAN			
 "an affordable alternative"			
4025 EAGLE COURT LEWISTON, IDAHO 83501 PHONE (208) 750-0882 FAX (208) 751-0882			
		NO. DATE BY FILENAME REVISIONS	
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ORIGINAL DRAWING			



WARNER AVENUE PLAN VIEW



WARNER AVENUE PROFILE VIEW



4025 EAGLE COURT
LEWISTON, IDAHO 83501
TEL (208) 756-1082
FAX (208) 751-0825

NAACLINE
ENGINEERING & DRAFTING
"an affordable alternative"

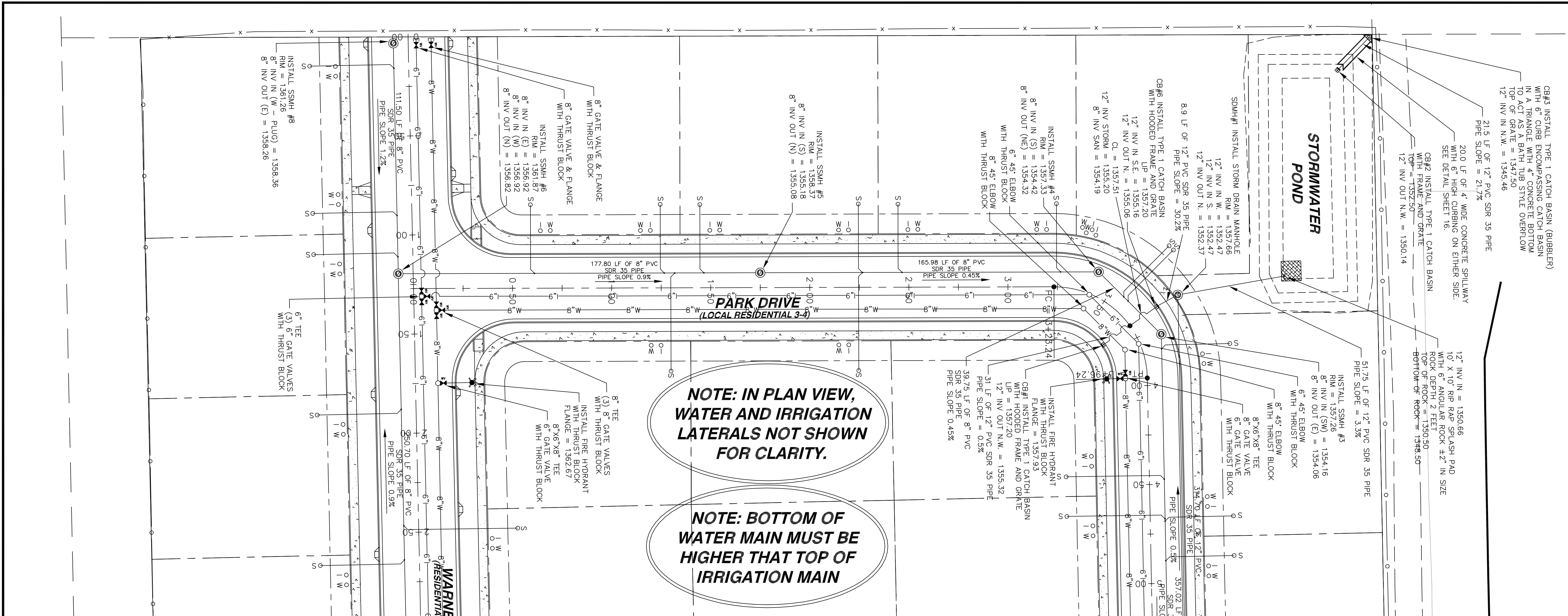
CARLTON HANGAR ADD.
LEWISTON IDAHO 83501
4TH ST-WARNER/PARK AVE.
WARNER AVENUE
UTILITY PLAN & PROFILE

DRAWN BY: CRF
DESIGNED BY: CRF
SCALE: 1" = 25'
DATE: 10/12/20
PROJECT NO.: 682
SHEET 10 OF 24

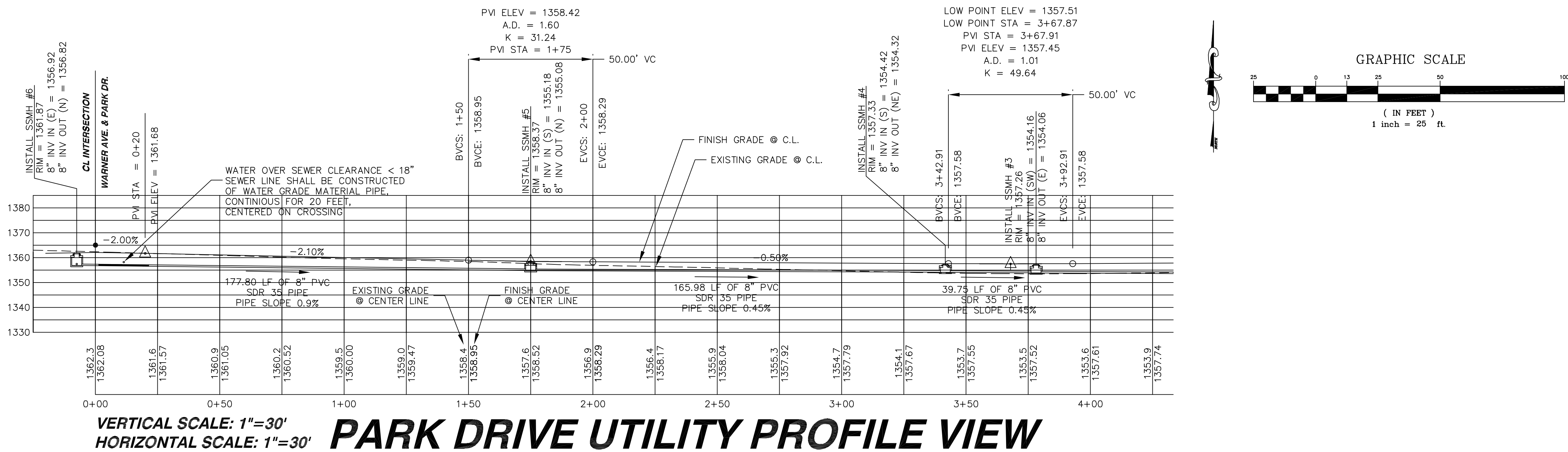
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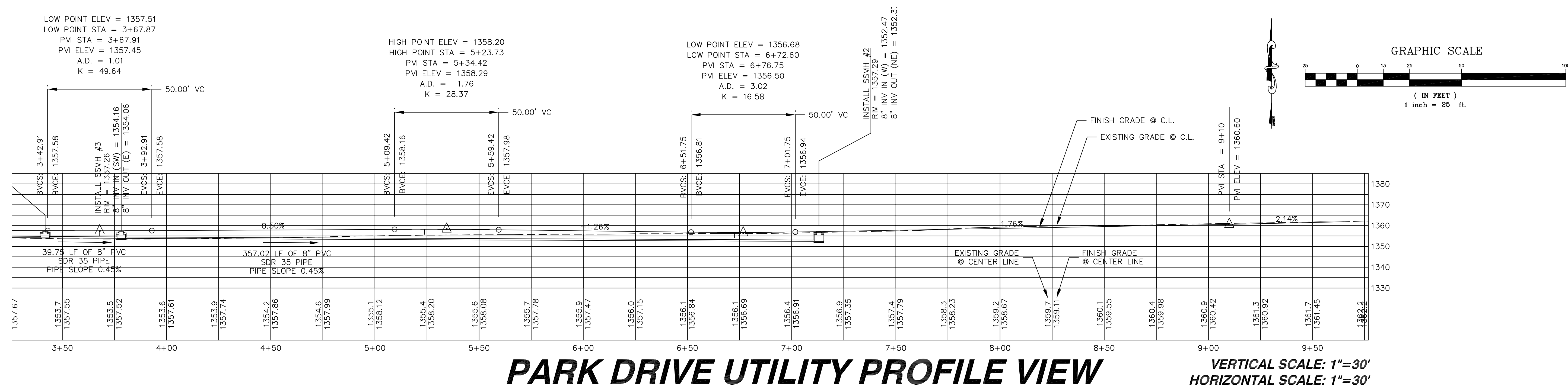
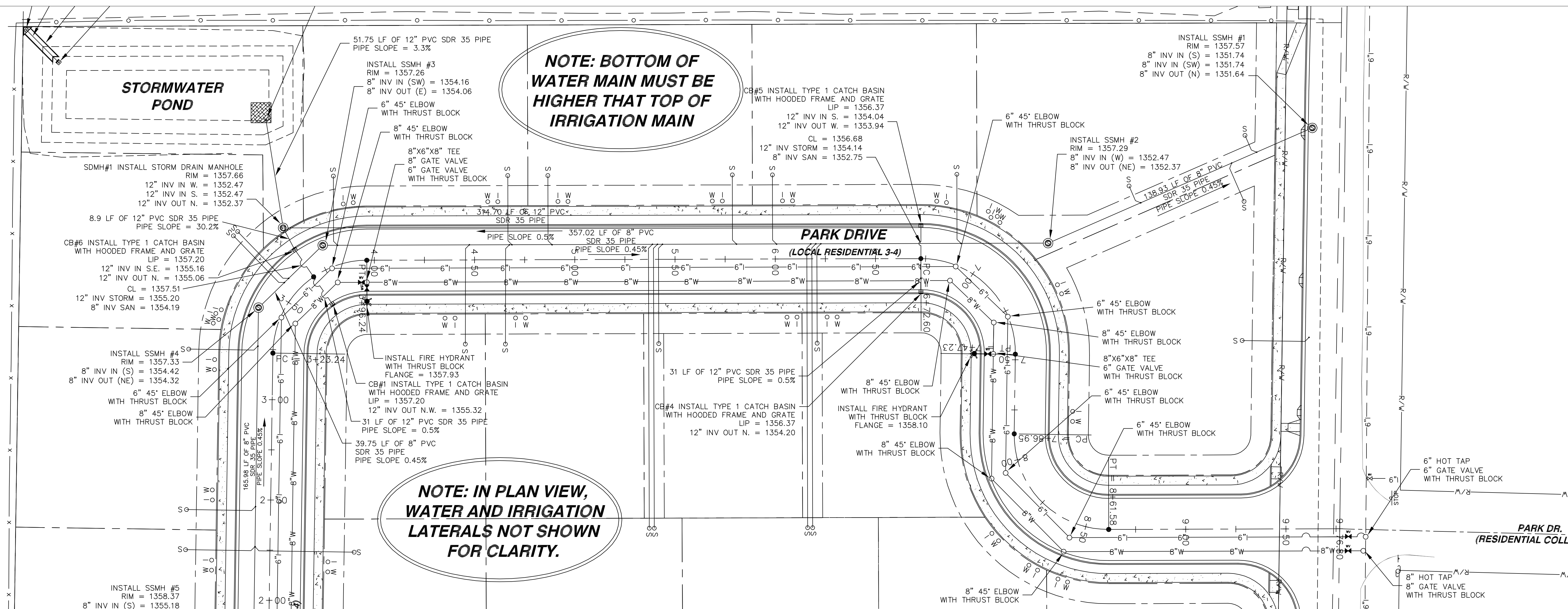
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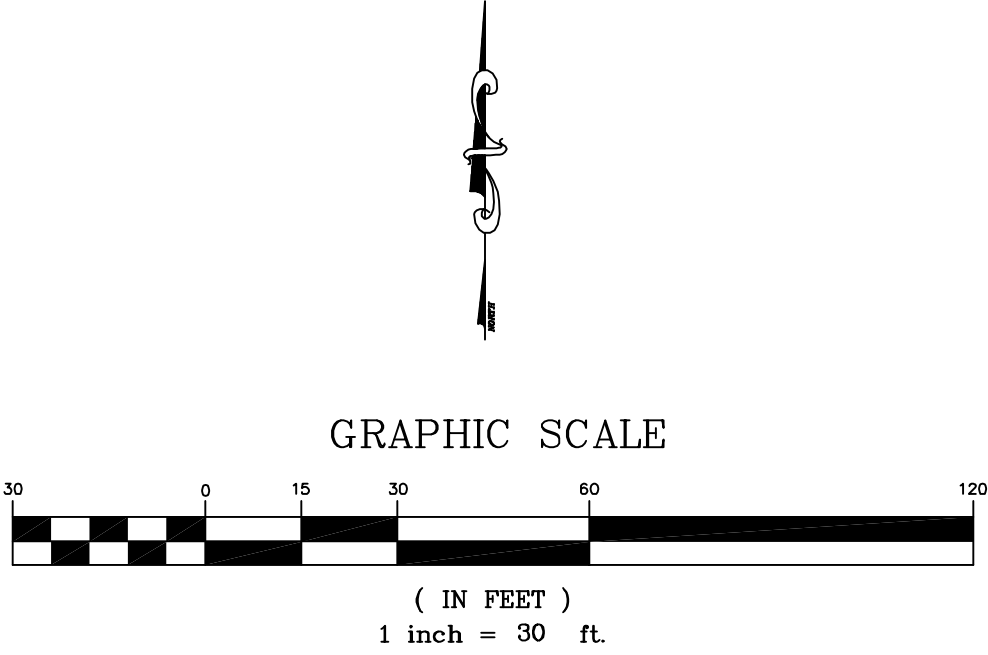
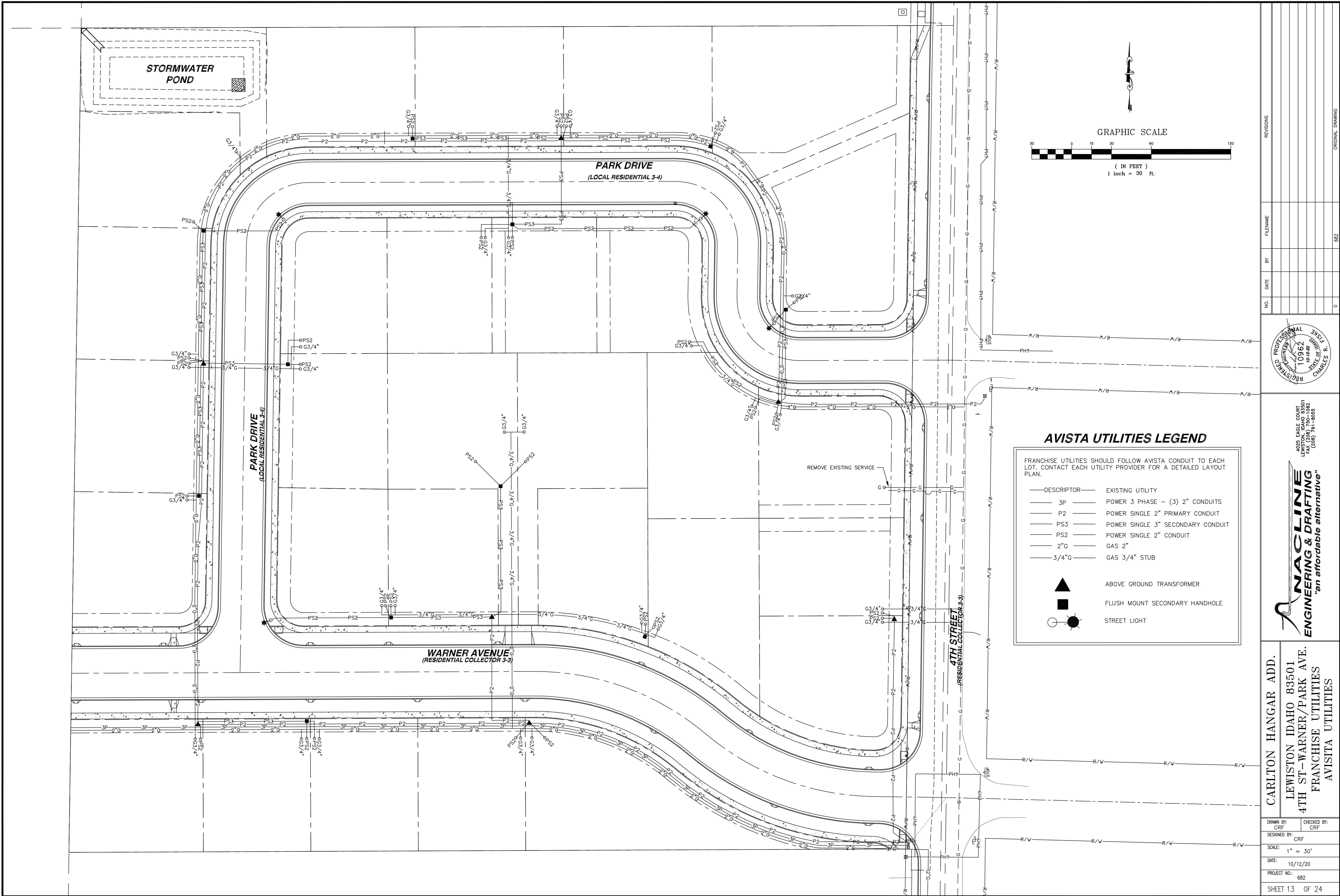
PARK DRIVE UTILITY PLAN VIEW



PARK DRIVE UTILITY PROFILE VIEW



CARLTON HANGAR ADD.					
LEWISTON ID 83501 4TH ST-WARNER/PARK AVE. PARK DRIVE 2 OF 2 UTILITY PLAN & PROFILE					
DRAWN BY: CRF	CHECKED BY: CRF				
DESIGNED BY: CRF					
SCALE: 1" = 25'					
DATE: 10/12/20					
PROJECT NO.: 682					
SHEET 12 OF 24					



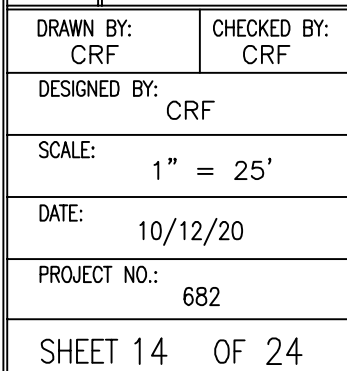
AVISTA UTILITIES LEGEND

FRANCHISE UTILITIES SHOULD FOLLOW AVISTA CONDUIT TO EACH LOT. CONTACT EACH UTILITY PROVIDER FOR A DETAILED LAYOUT PLAN.

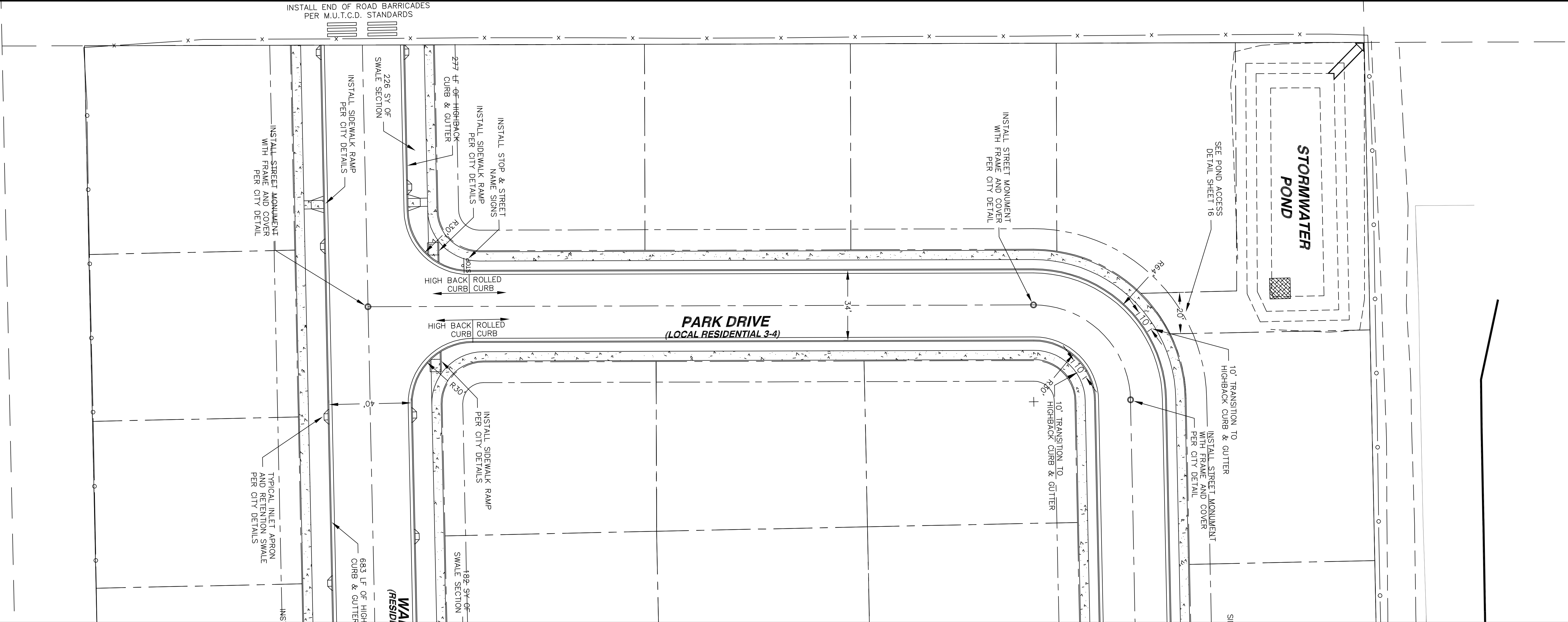
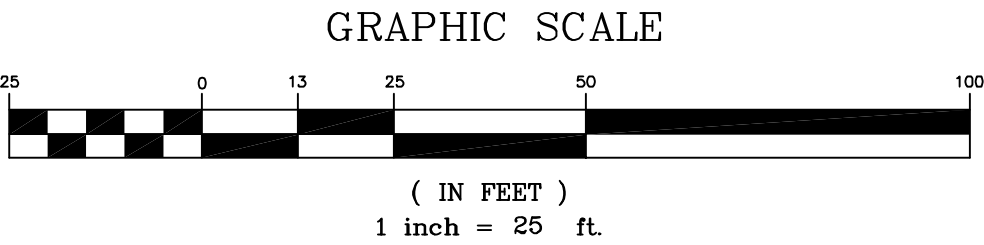
— DESCRIPTOR —	EXISTING UTILITY
— 3P —	POWER 3 PHASE — (3) 2" CONDUITS
— P2 —	POWER SINGLE 2" PRIMARY CONDUIT
— PS3 —	POWER SINGLE 3" SECONDARY CONDUIT
— PS2 —	POWER SINGLE 2" CONDUIT
— 2"G —	GAS 2"
— 3/4"G —	GAS 3/4" STUB

	ABOVE GROUND TRANSFORMER
	FLUSH MOUNT SECONDARY HANDHOLE
	STREET LIGHT

CARLTON HANGAR ADD.	
LEWISTON IDAHO 83501	
4TH ST-WARNER/PARK AVE.	
FRANCHISE UTILITIES	
AVISTA UTILITIES	
4025 EAGLE COURT LEWISTON, IDAHO 83501 TEL (208) 756-0882 FAX (208) 751-8855	
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PROJECT NO.: 682	
SHEET 13 OF 24	



PARK DRIVE CIVIL PLAN



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DATE: 10/12/20			
PROJECT NO.: 682			
SHEET 15 OF 24			

CARLTON HANGAR ADD.
LEWISOTN IDAHO 83501
4TH ST-WARNER/PARK AVE.
PARK DRIVE 1 OF 2
CIVIL PLAN

NAACLIN
ENGINEERING & DRAFTING
"an affordable alternative"

4025 EAGLE COURT
LEWISTON, IDAHO 83501
TEL (208) 750-1082
FAX (208) 751-0825

REGISTERED PROFESSIONAL ENGINEER
10962
10-12-20
STATE OF IDAHO
CHARLES R.

4025 EAGLE COURT
LEWISTON, IDAHO 83501
TEL (208) 750-1082
FAX (208) 751-0825

NO.

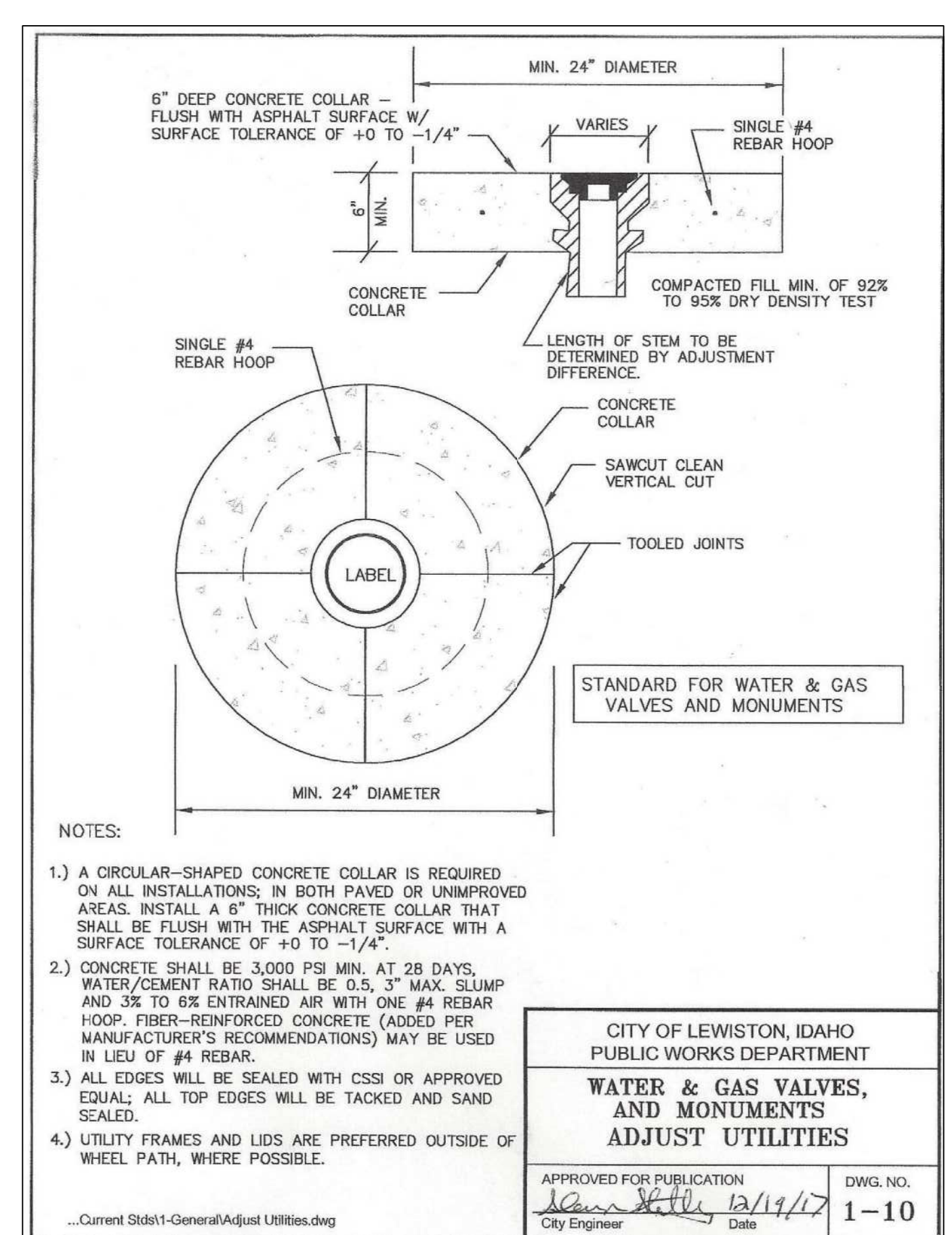
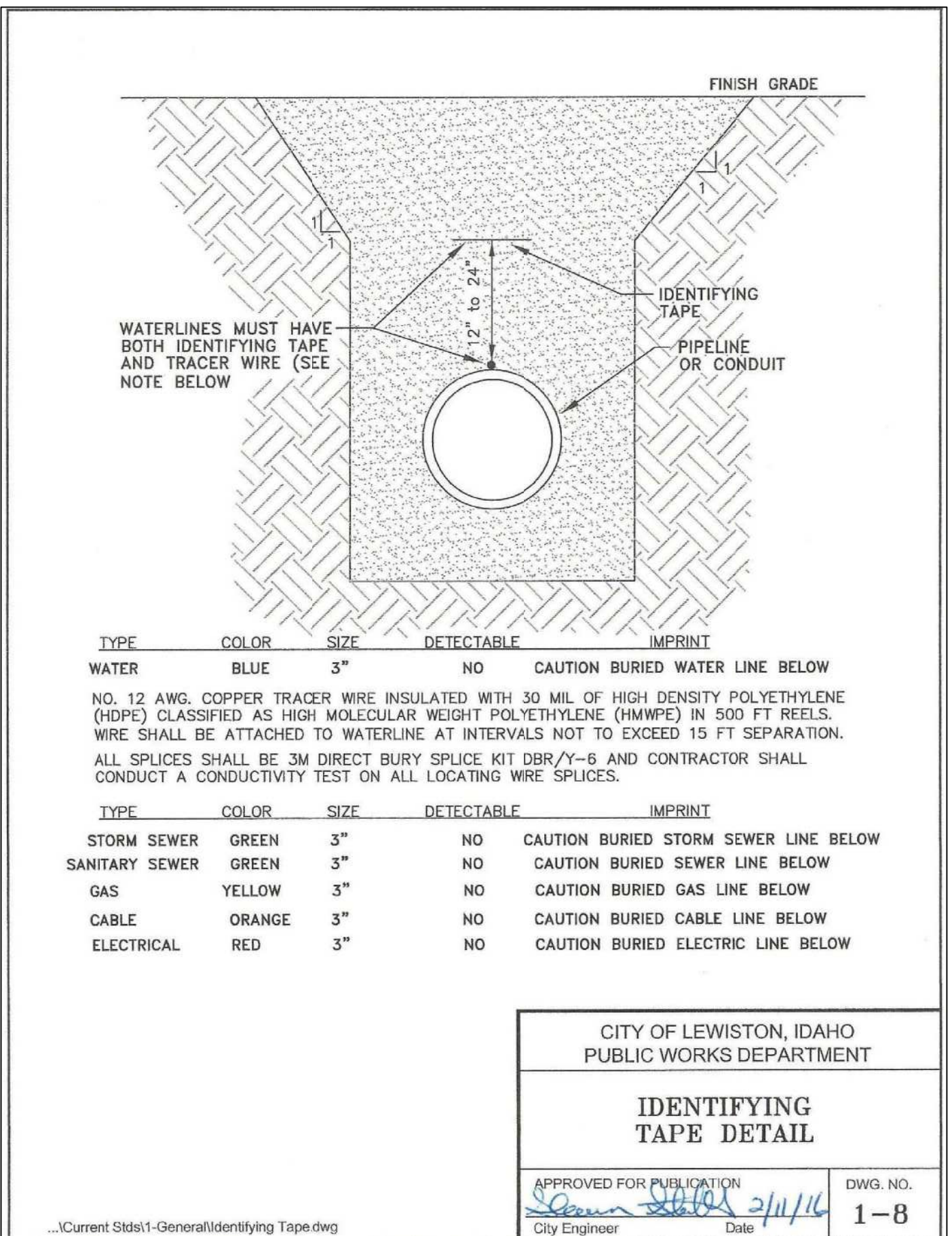
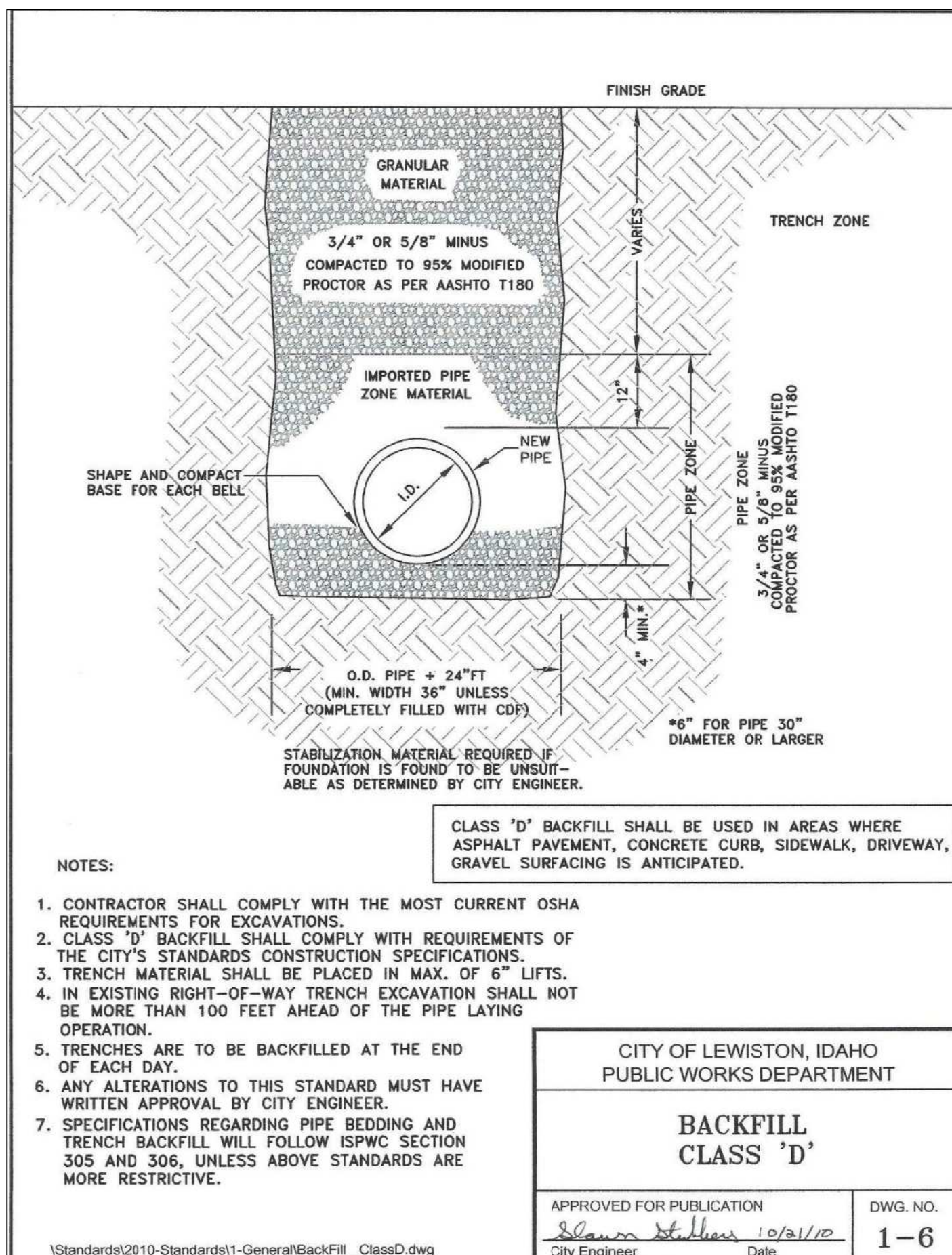
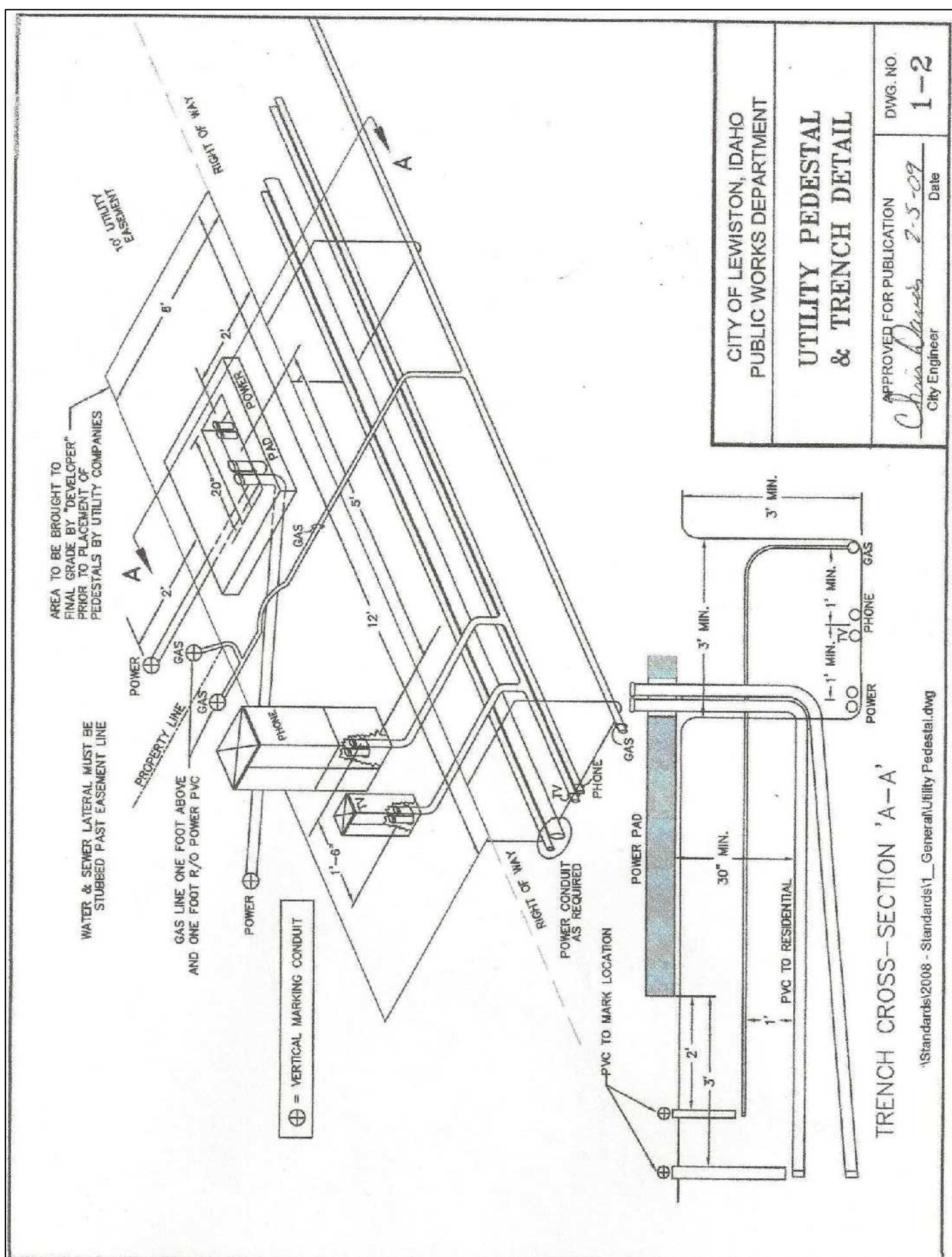
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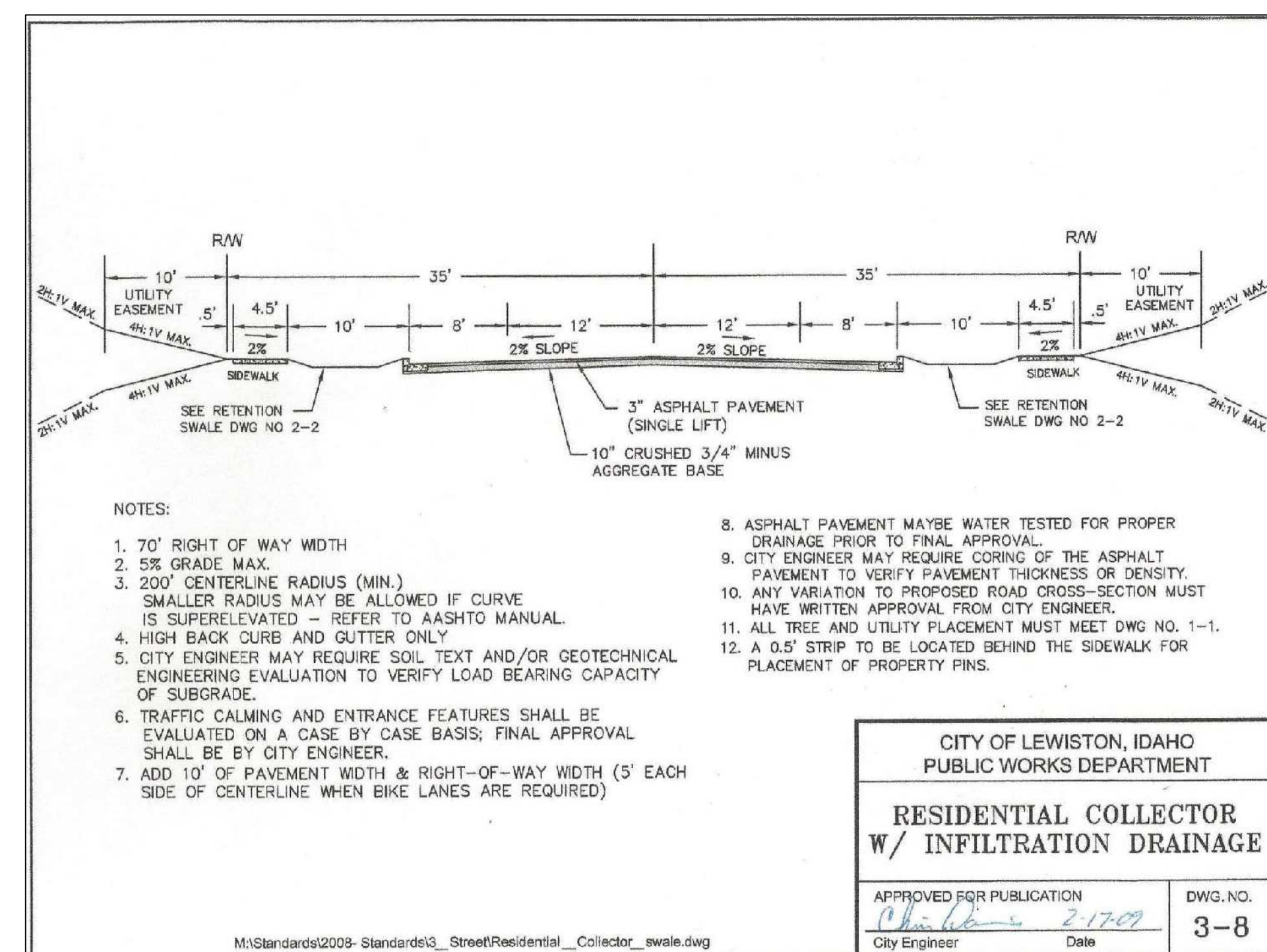
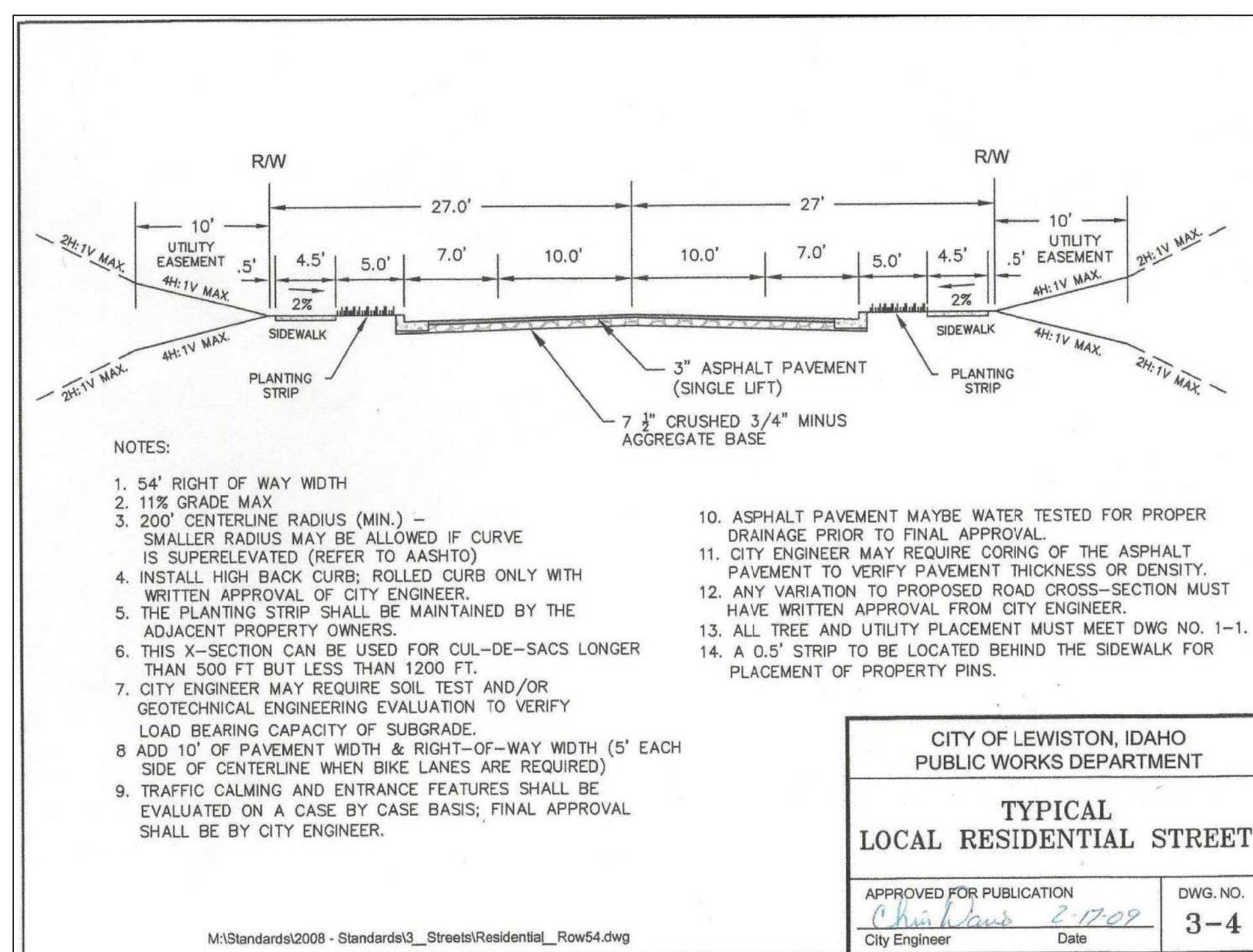
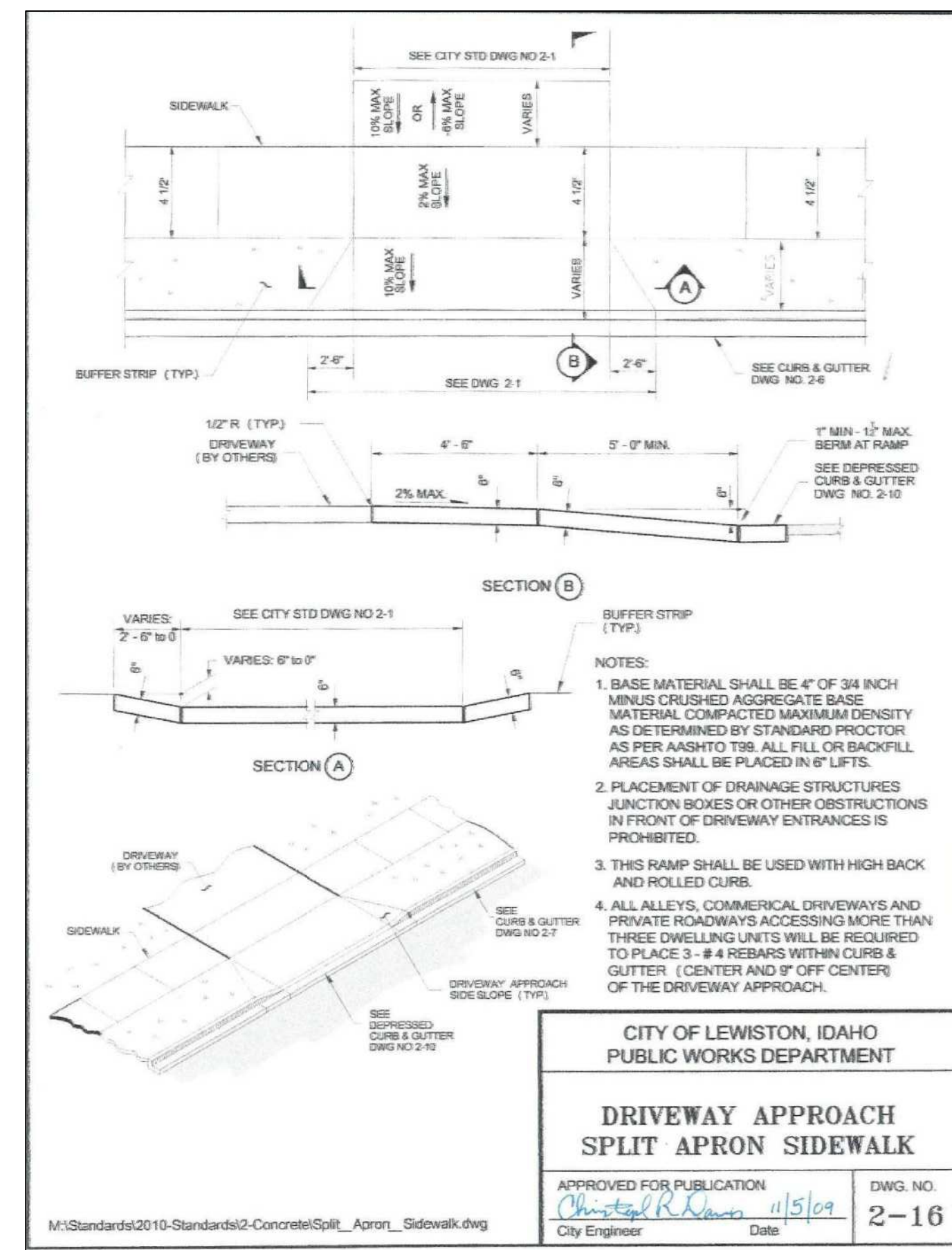
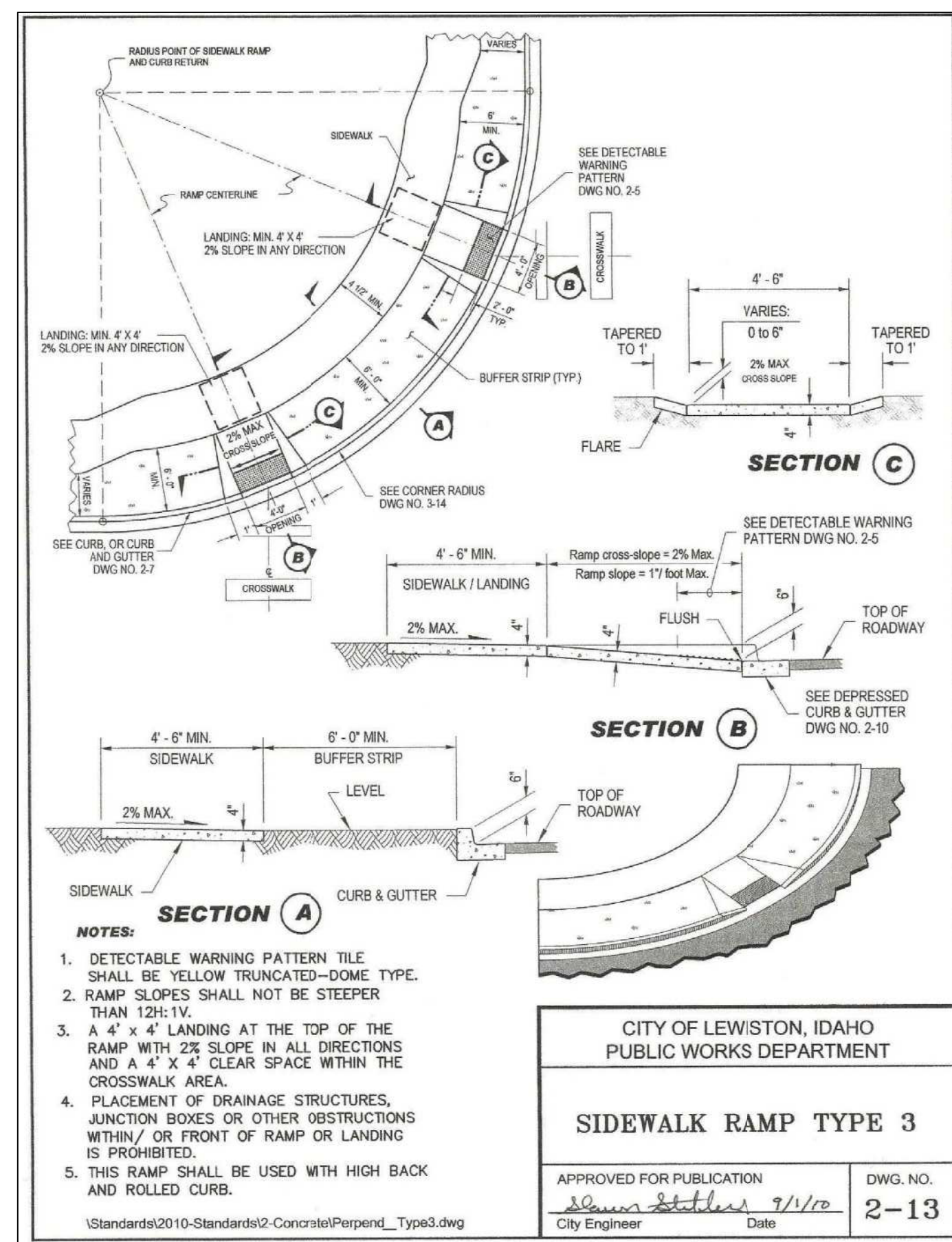
BY

FILENAME

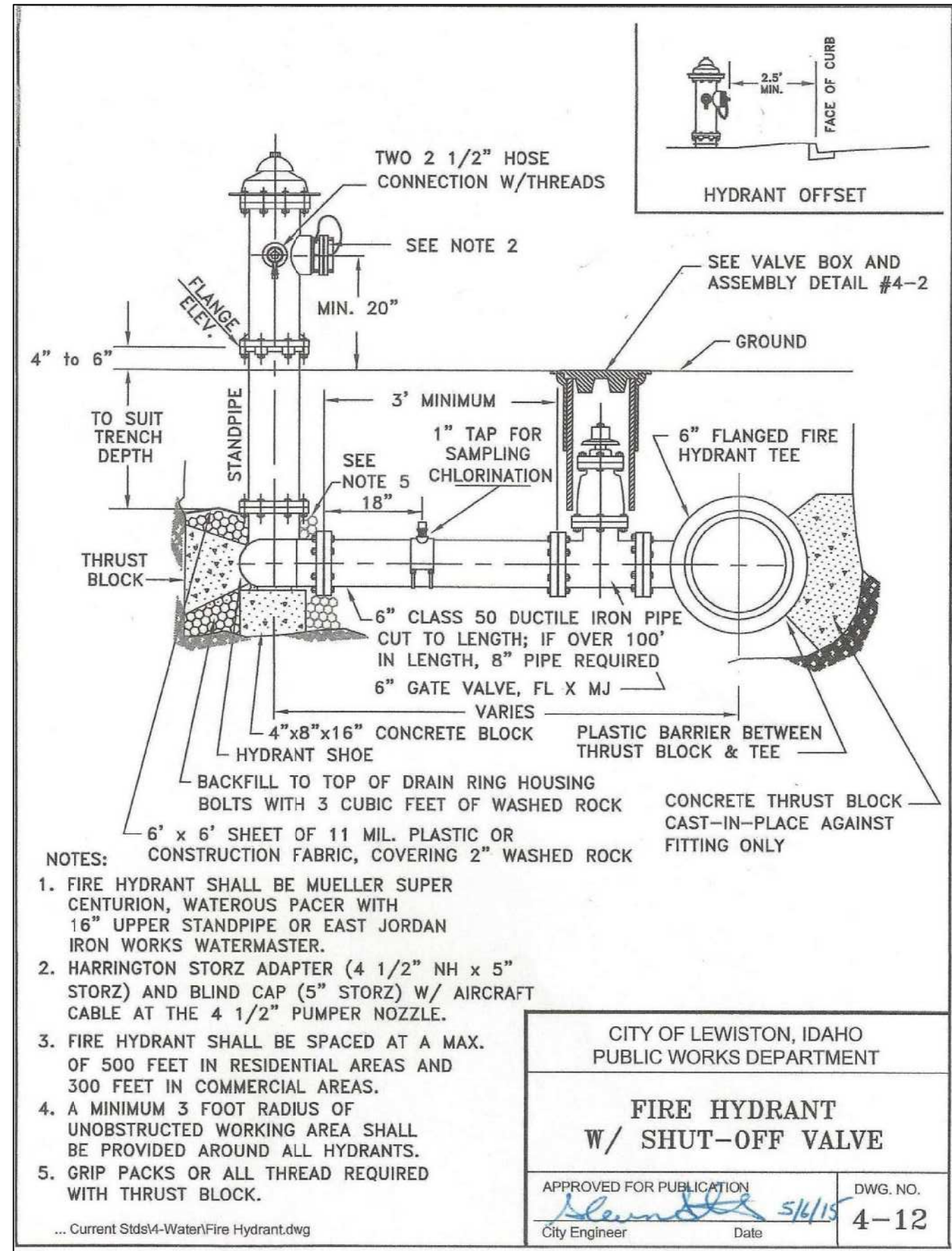
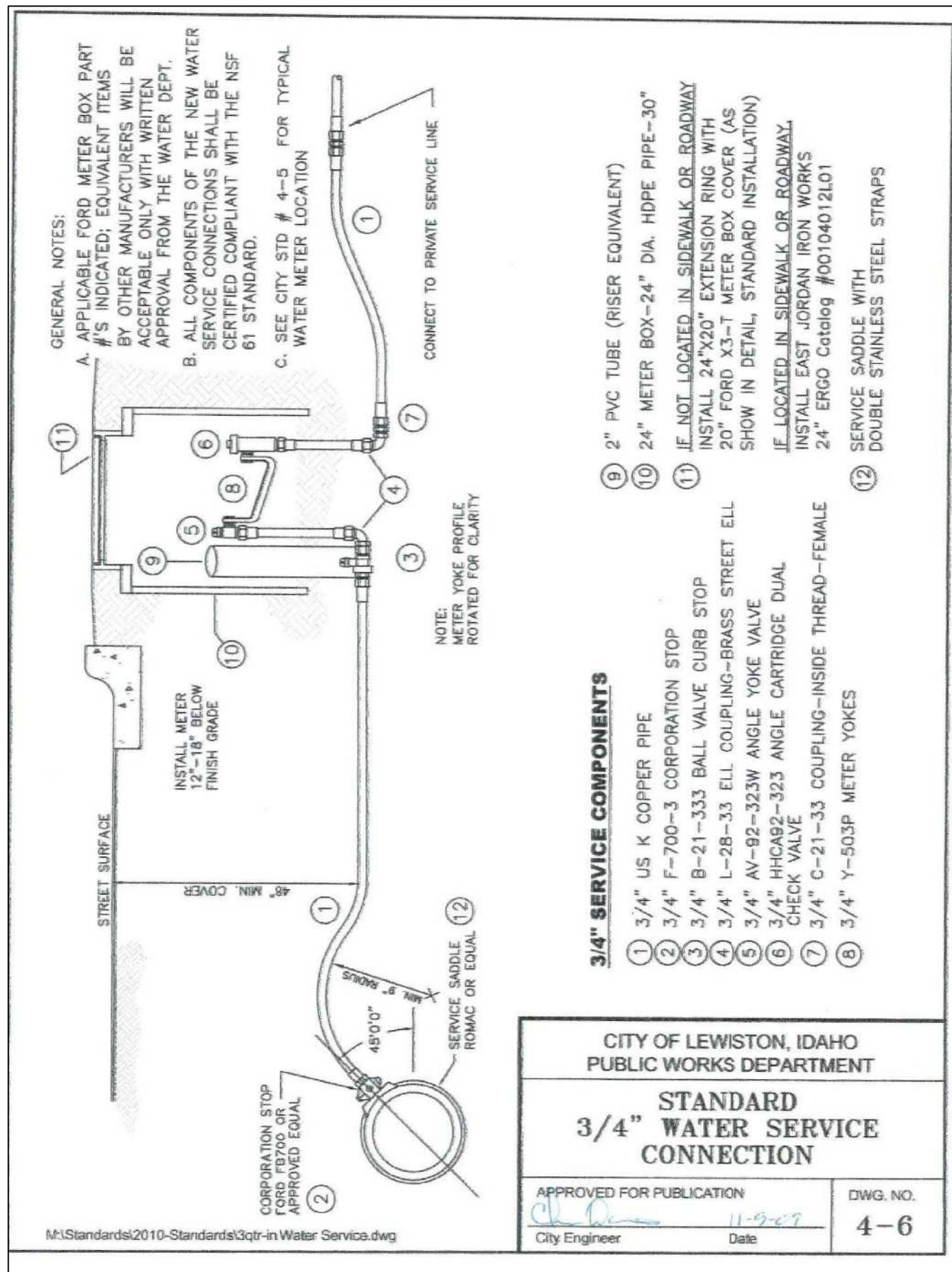
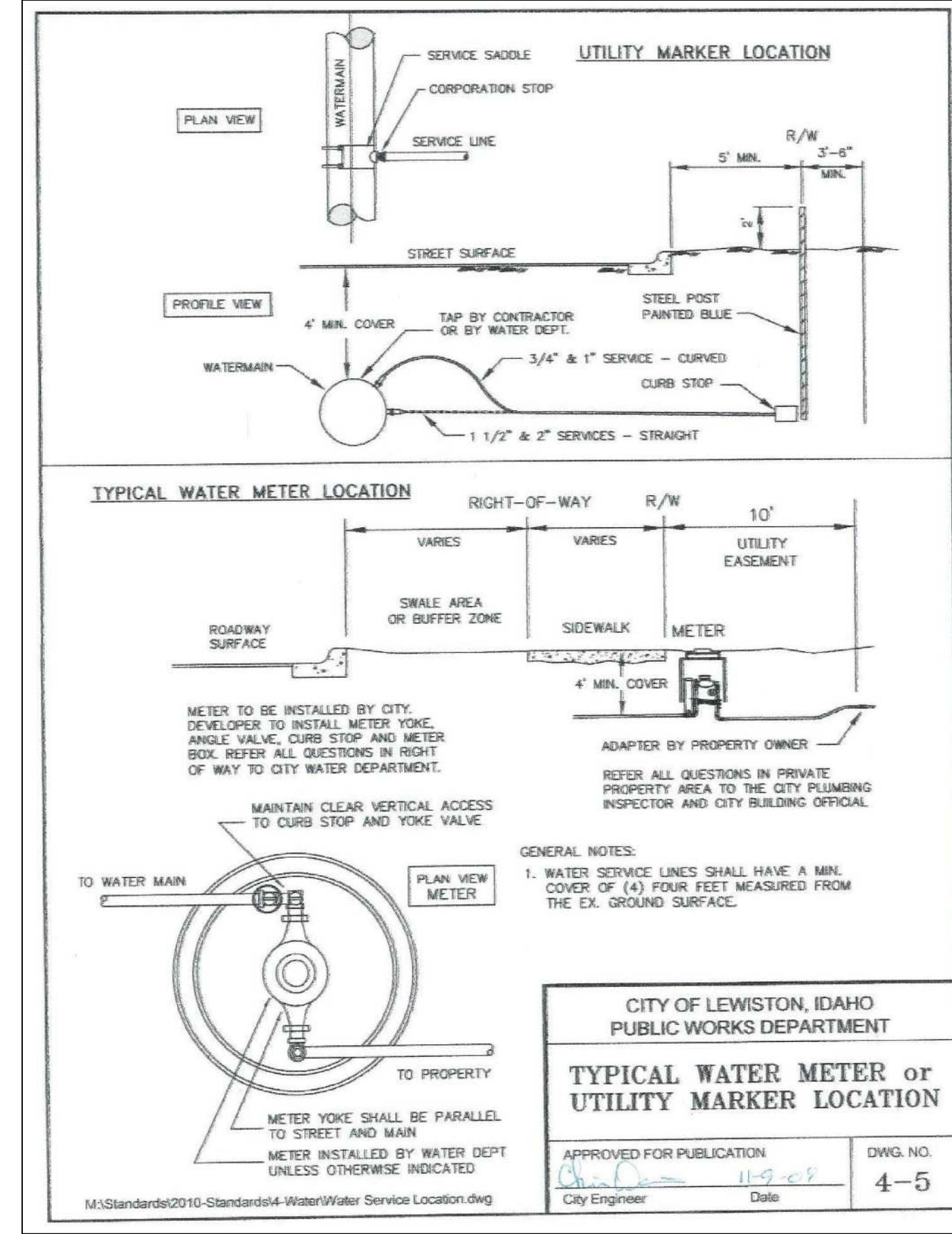
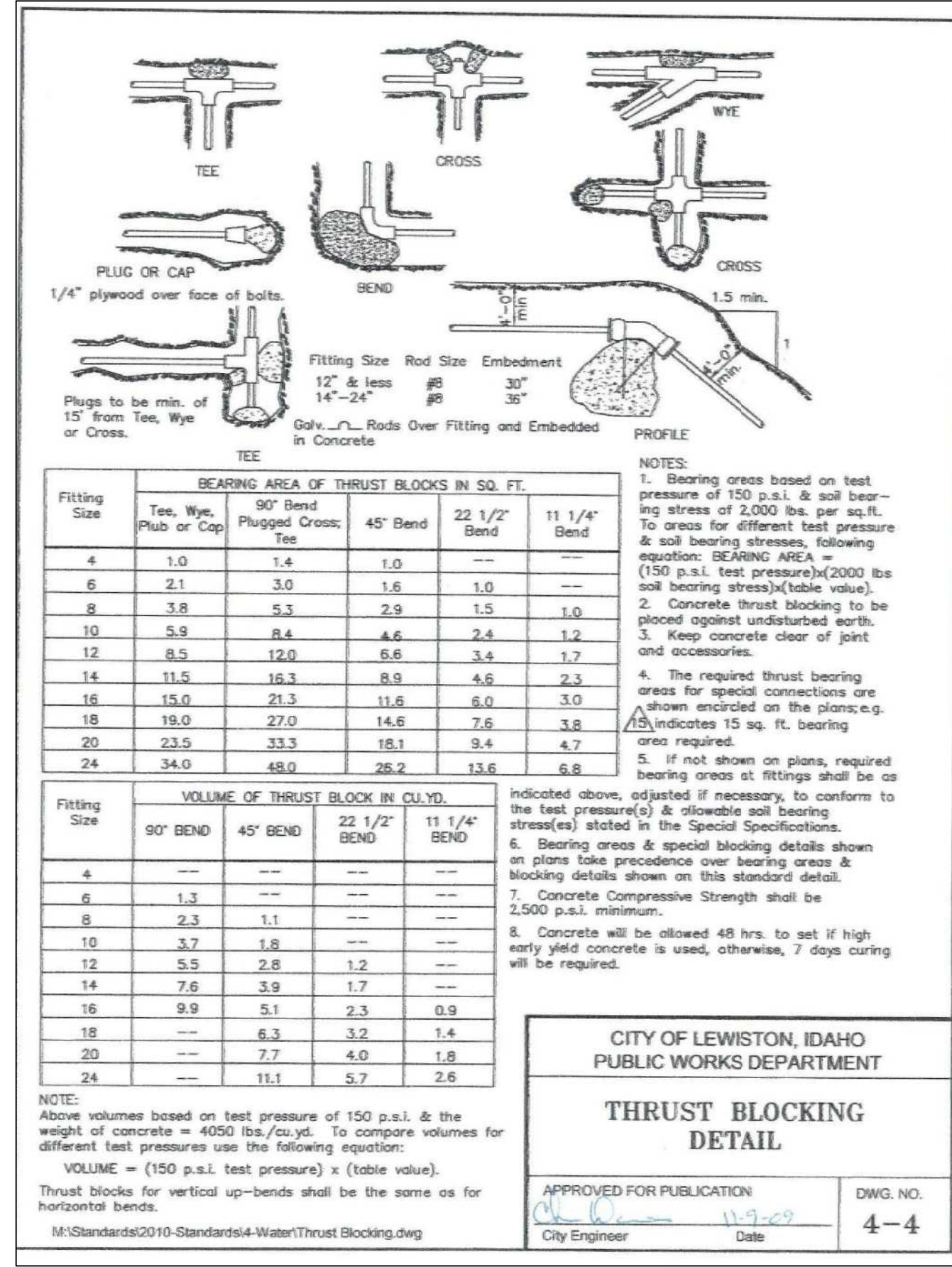
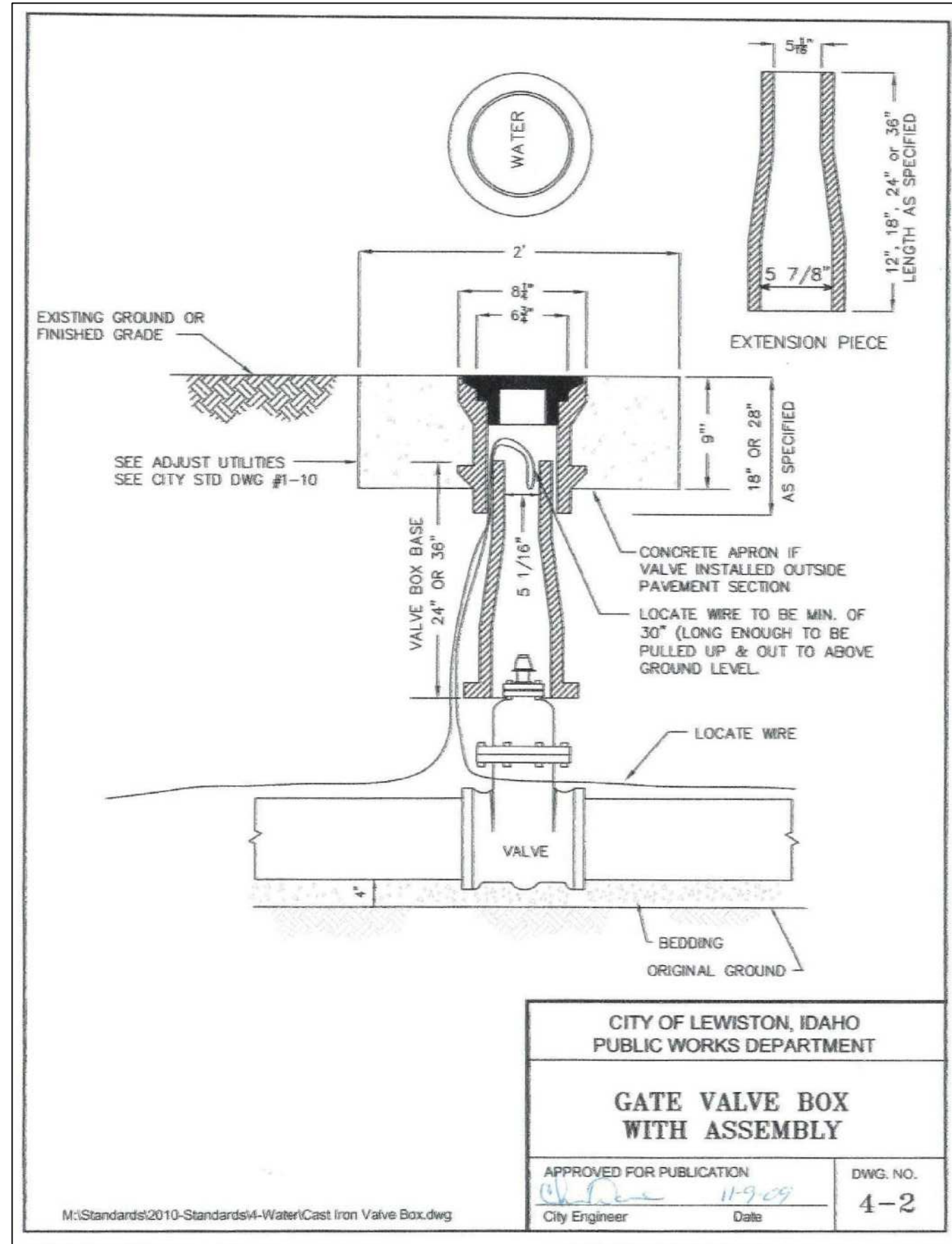
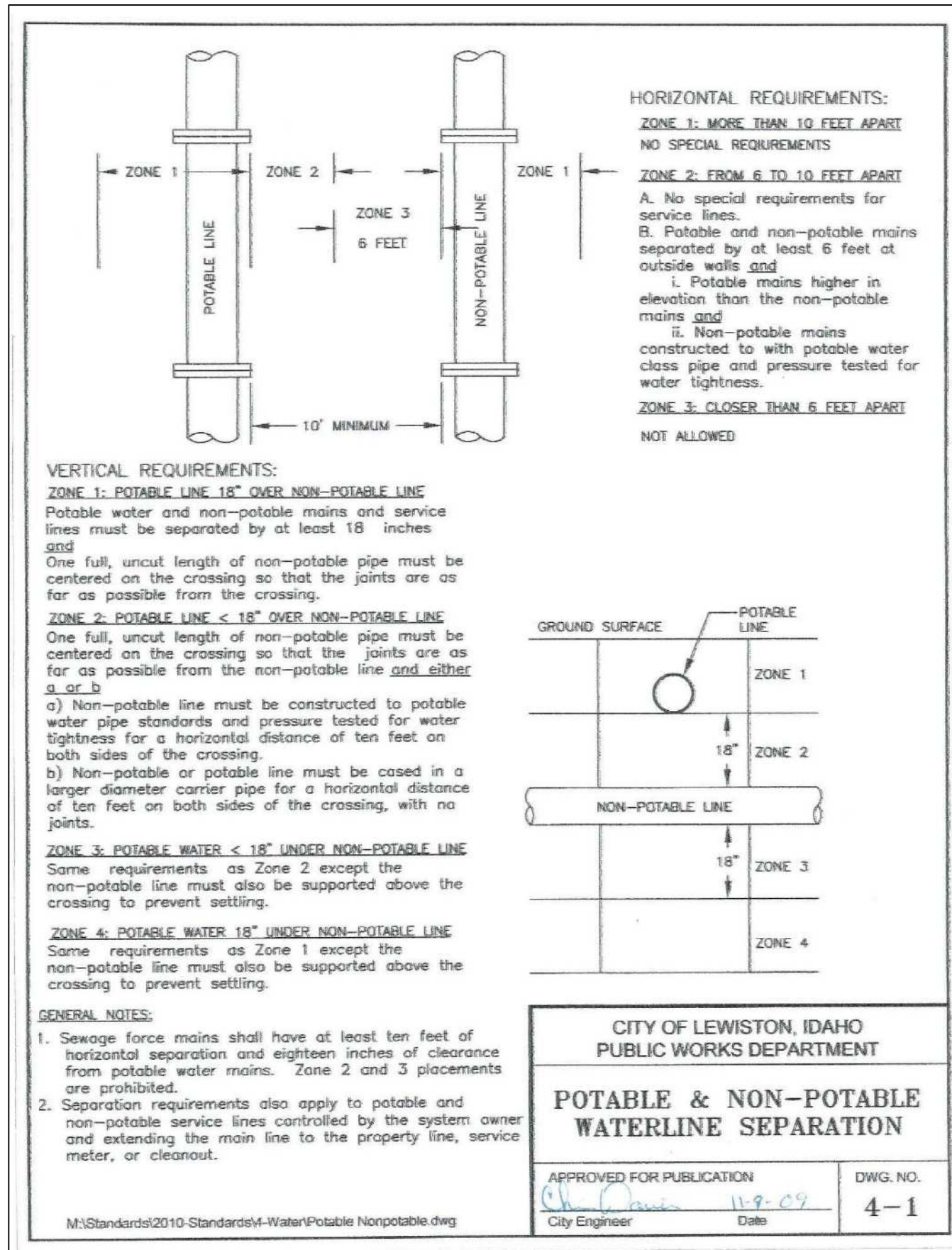
REVISIONS

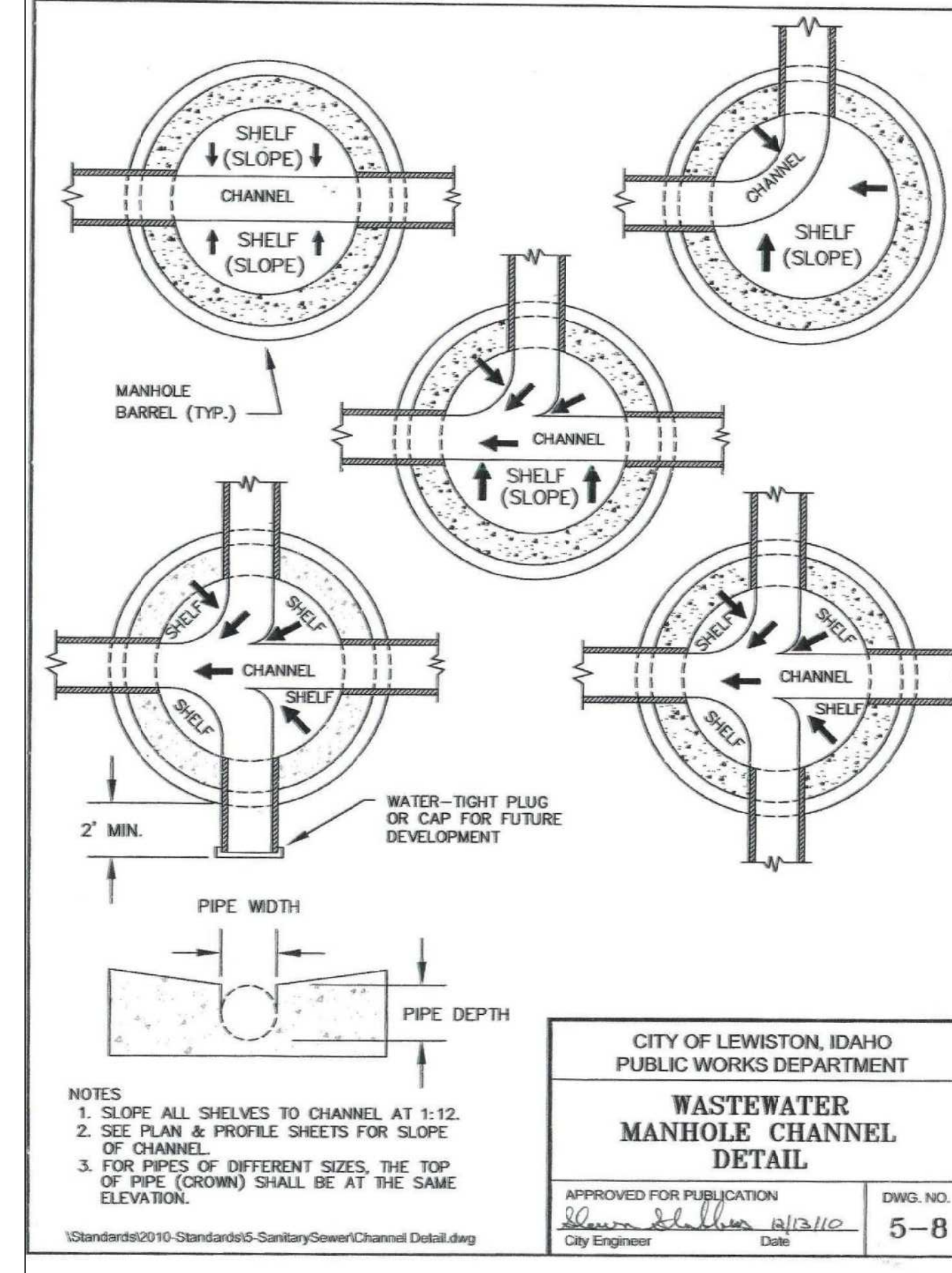
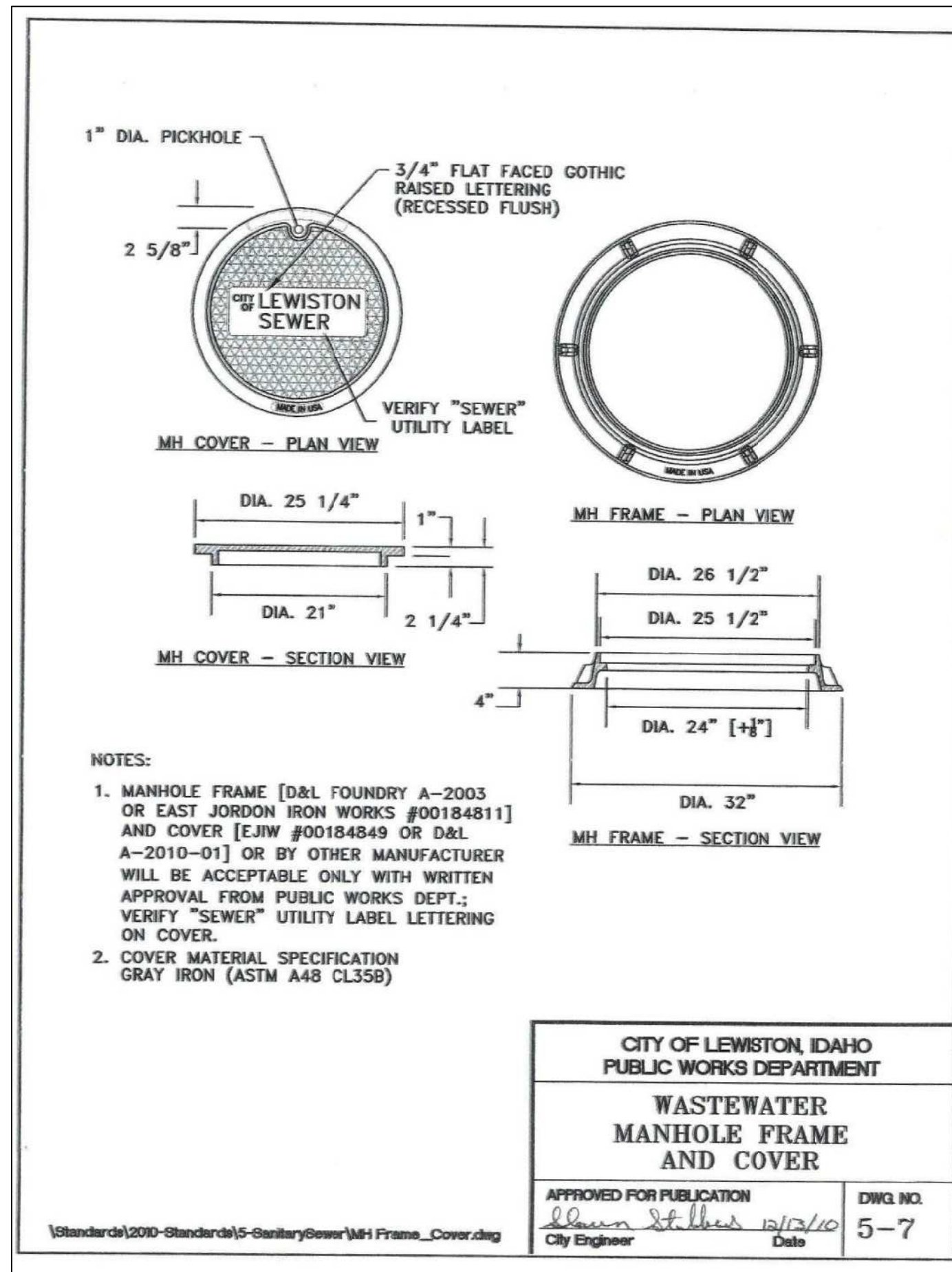
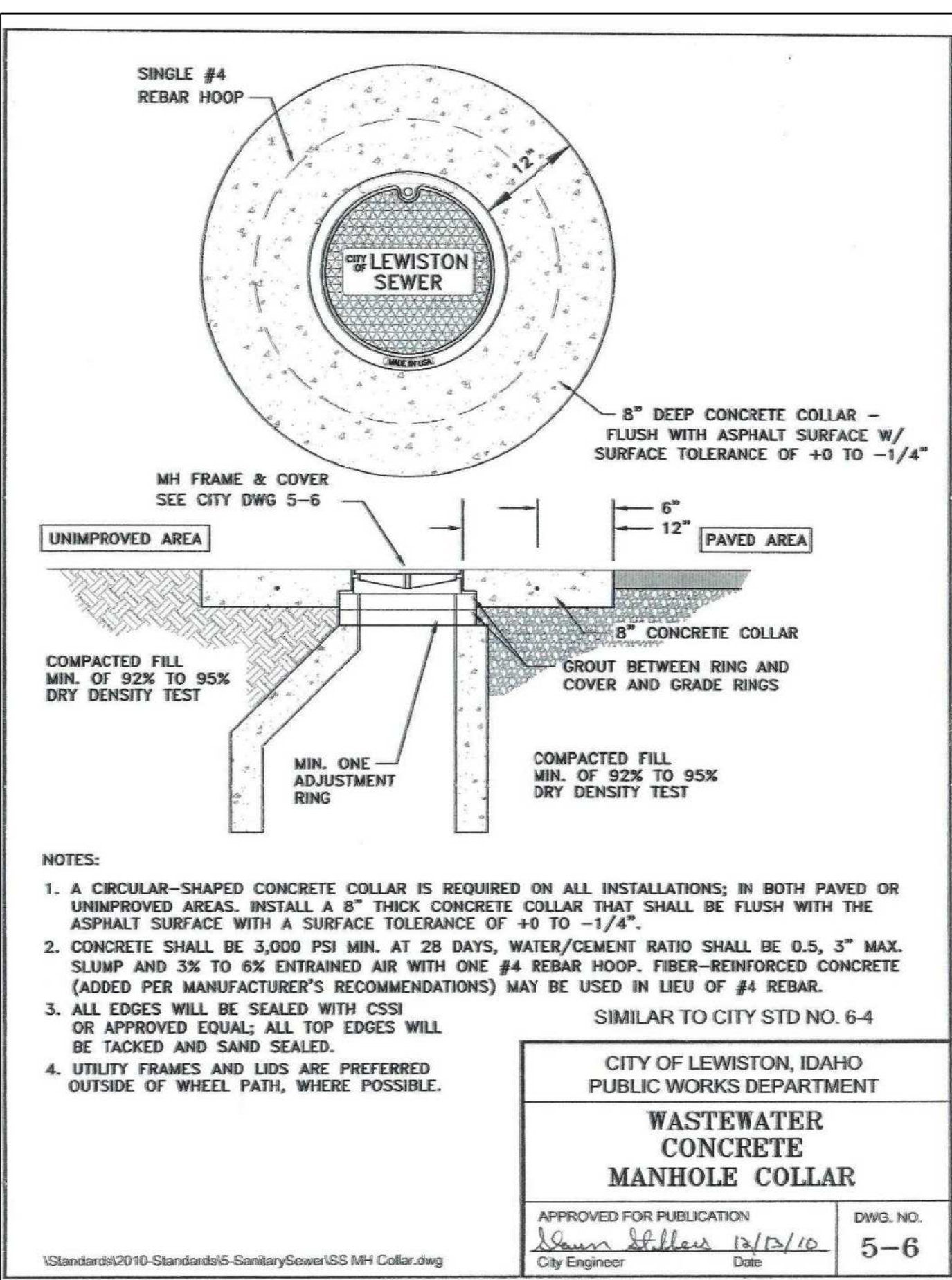
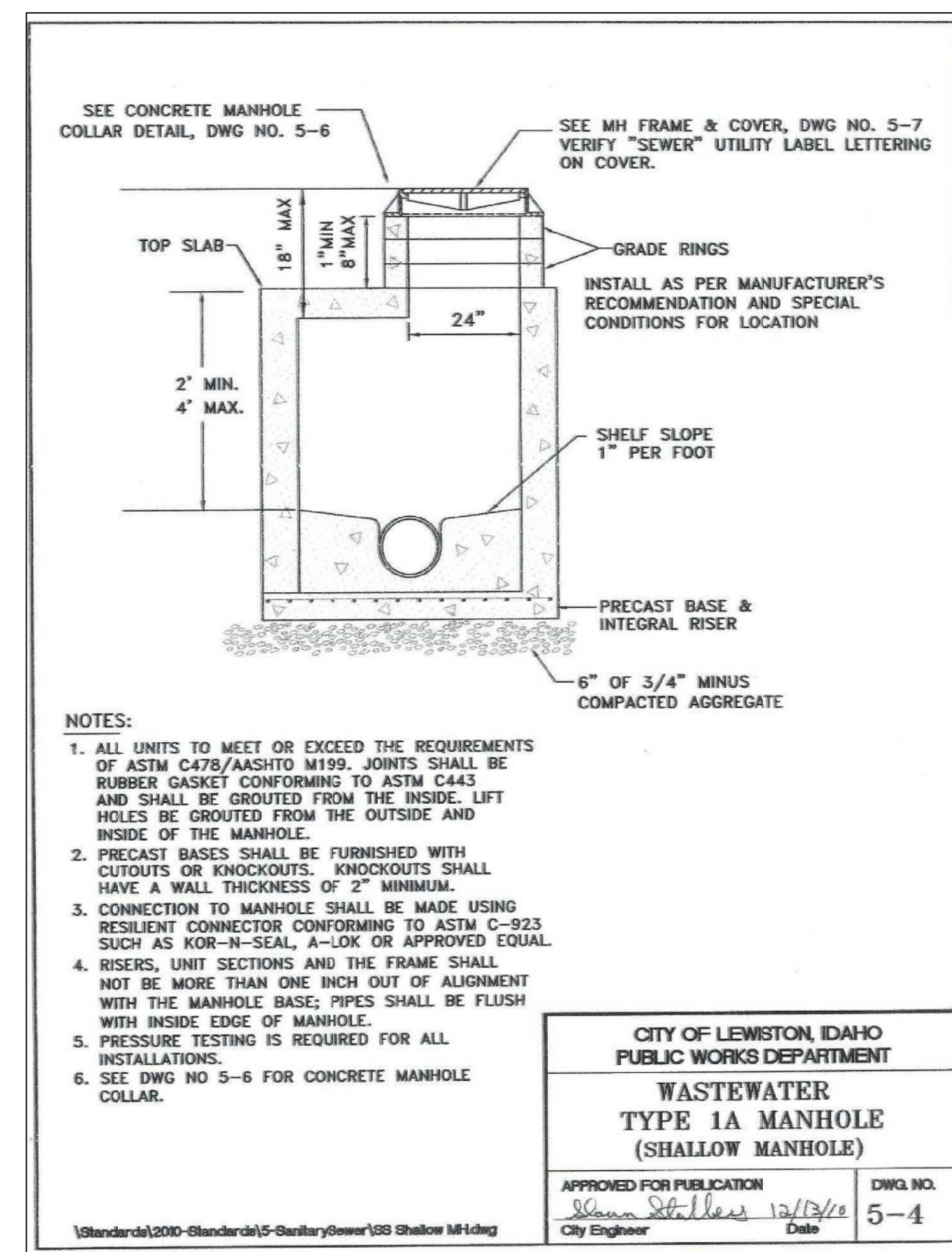
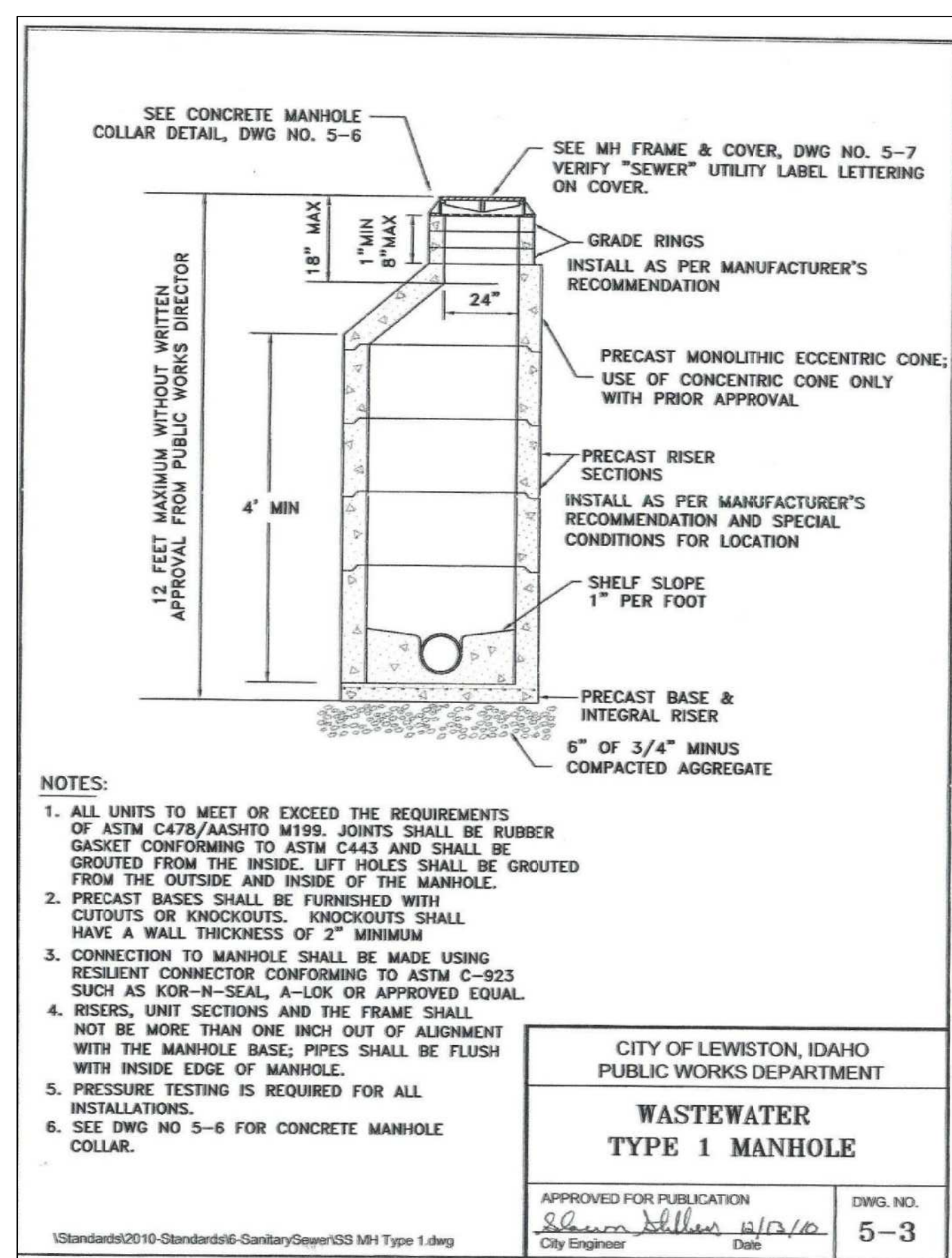
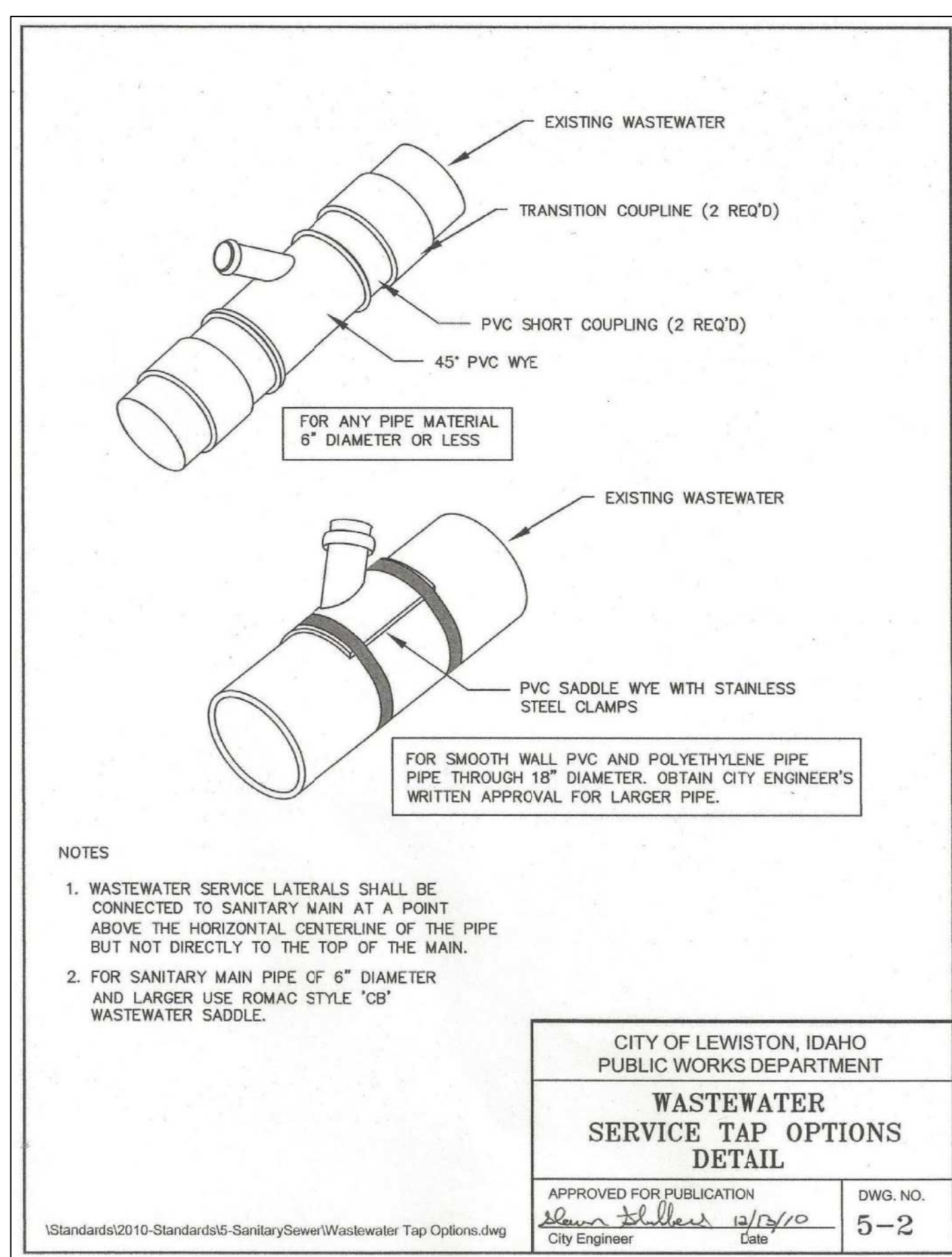
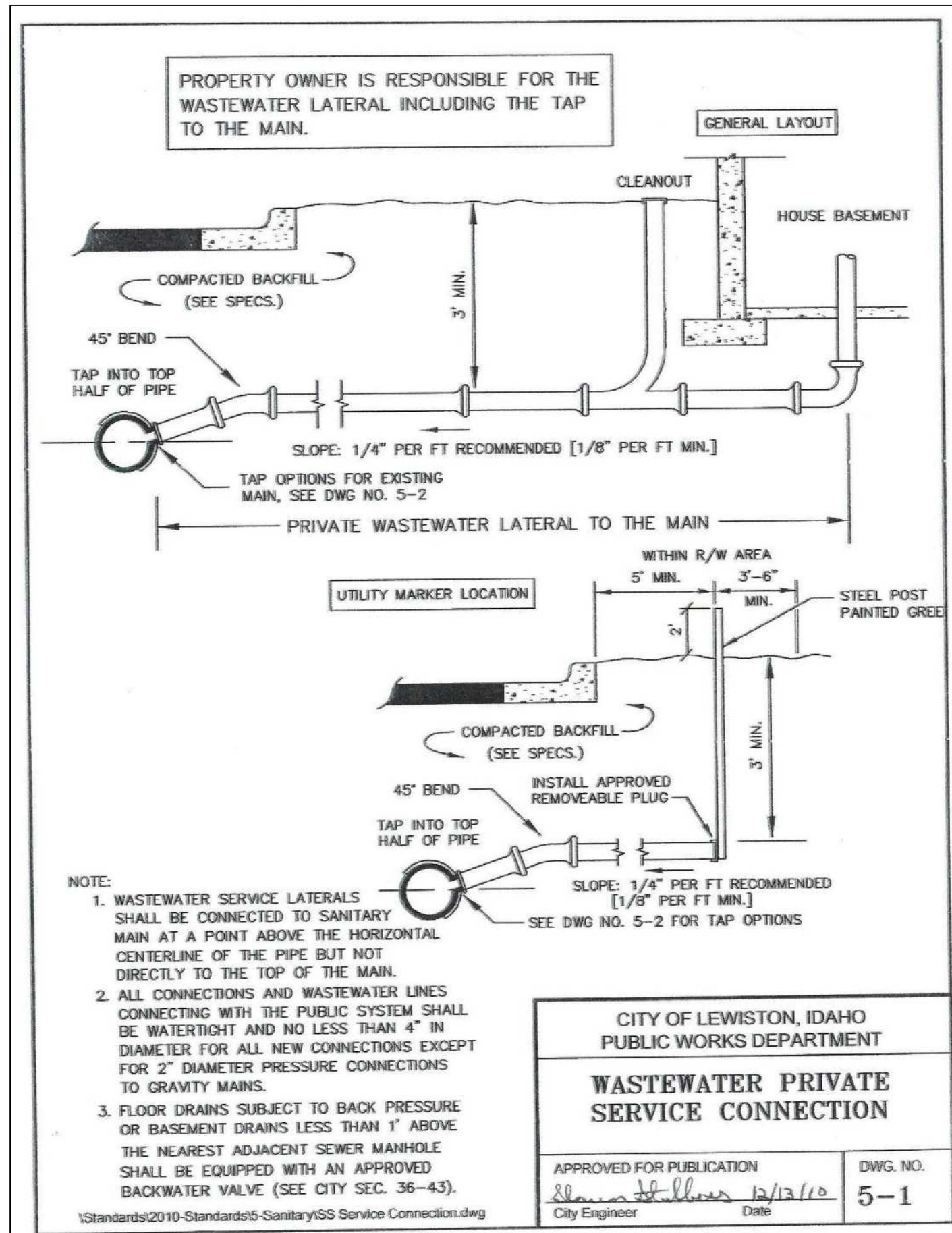
ORIGINAL DRAWING





CARLTON HANGAR ADD.					
LEWISTON ID 83501 4TH ST-WARNER/PARK AVE. CITY DETAILS STREET & CONCRETE					
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DESIGNED BY:	CRF				
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DATE:	10/12/20				
PROJECT NO.:	682				
SHEET 19 OF 24					

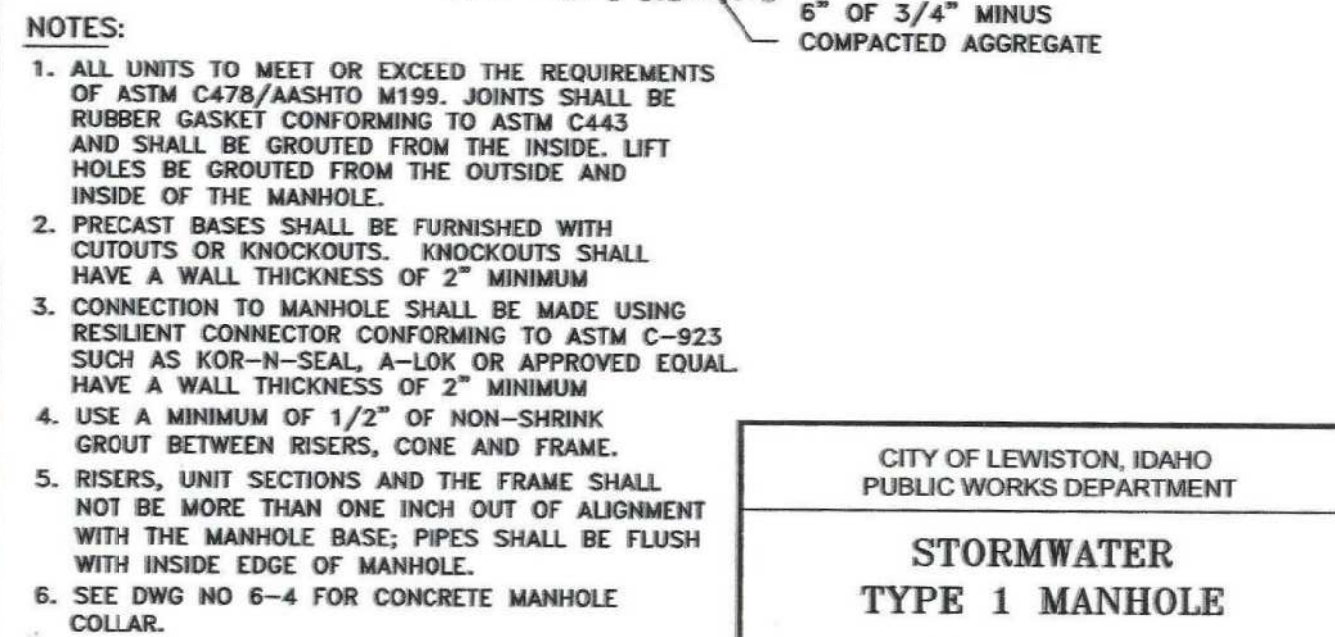




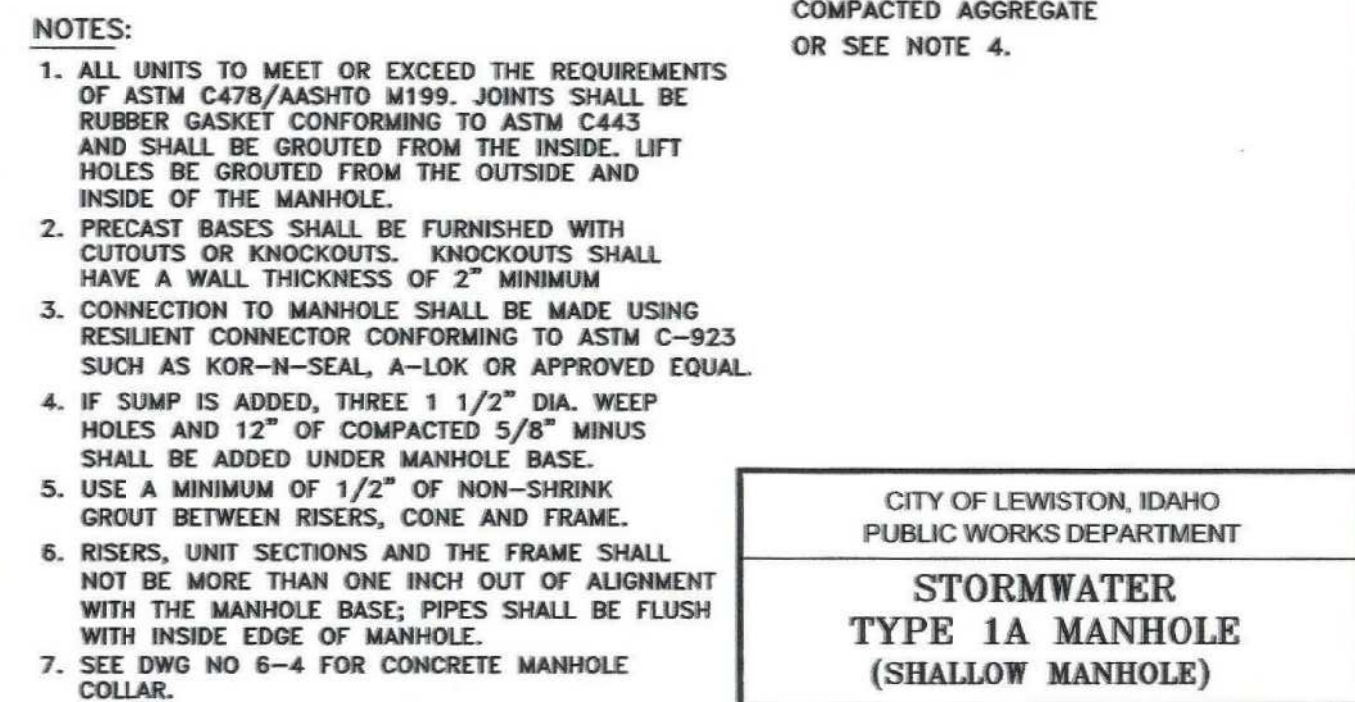
1. ALL WORK SHALL CONFORM TO CURRENT 'IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION' (ISPWC) SPECIFICATIONS AND THE CITY OF LEWISTON STANDARDS AND SPECIFICATIONS. IN THE CASE OF CONFLICT, CITY STANDARDS SHALL PREVAIL. THE 'LEWISTON STORMWATER POLICY AND DESIGN MANUAL' DETAILS THE POLICIES, MINIMUM STANDARDS, REQUIREMENTS, AND PROCEDURES FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF PRIVATE STORMWATER SYSTEMS.
2. ANY REPAIR, MAINTENANCE OR ALTERATION OF A PUBLIC STORM LINE OR DRAINAGE MUST BE APPROVED BY CITY ENGINEER.
3. THE CONTRACTOR MUST SECURE APPROVAL FROM THE CITY ENGINEER PRIOR TO ADDING OR REMOVING FILL BACKFILL OVER PUBLIC STORM DRAIN MAINLINE.
4. THE ENGINEERING INSPECTOR SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING WORK ON STORM DRAINS.
5. ALL PUBLIC STORM DRAIN LINES SHALL BE VIDEOEATED AND SUBMITTED TO THE PUBLIC WORKS DEPARTMENT [AS PER PUBLIC WORKS POLICY NO. 2012-2] AND APPROVAL PRIOR TO PAVING. CITY SHALL HAVE FOURTY-EIGHT (48) HOURS FOR REVIEW.
6. ALL MANHOLES AND CATCH BASINS SHALL BE INSPECTED TWICE BY THE ENGINEERING INSPECTOR - ONCE PRIOR TO BACKFILL AND THEN PRIOR TO ACCEPTANCE OF IMPROVEMENTS. CALL PWD MAIN OFFICE (208) 746-1316 FOR INSPECTION SCHEDULING.
7. CLOSED CONDUITS (OR PIPELINES) FOR STORMWATER CONVEYANCE IN THE CITY'S STORMWATER SYSTEM MUST BE A MINIMUM OF 12 INCH DIAMETER. THE PIPE MATERIAL MAY BE PLASTIC, STEEL, REINFORCED CONCRETE, OR AN APPROVED MATERIAL.
8. MINIMUM PIPE SLOPE SHALL BE 0.5% AND MINIMUM DESIGN VELOCITY WHEN FLOWING FULL SHALL BE NOT LESS THAN 2 FEET PER SECOND AND MAXIMUM VELOCITY SHOULD NOT BE MORE THAN 8 FEET PER SECOND.
9. JUNCTIONS OF 3 OR MORE PIPES, CHANGES IN ALIGNMENT, SLOPE AND/OR CHANGES IN PIPE DIAMETER SHALL BE MADE ONLY AT CATCH BASINS OR MANHOLES.
10. STEEP SLOPE INSTALLATION SHALL BE INSTALLED AS PER MANUFACTURES PIPE SPECIFICATIONS.
11. MANHOLE SHALL BE INSTALLED AT THE END OF EACH LINE, AT ALL CHANGE IN SIZE OR ALIGNMENT, AT DISTANCE NOT GREATER THAN 400 FEET OR AT CITY ENGINEER'S REQUIRED SPACING. ALL OTHER CHANGES IS SPACING MUST BE WRITTEN APPROVAL FROM PUBLIC WORKS DEPARTMENT.
12. LOCATING WIRE SHALL BE INSTALLED WITH ALL PUBLIC STORM PIPE INSTALLATION SEE CITY DWG -1-B, 'IDENTIFYING TAPE DETAIL'.
13. CATCH BASINS AND MANHOLES SHALL BE ACCESSIBLE TO VEHICLES AND EQUIPMENT FOR MAINTENANCE AND BE WITHIN RIGHT-OF-WAY OF A MINIMUM EASEMENT WIDTH. MINIMUM EASEMENT ACCESS ROUTES MUST BE APPROVED BY CITY ENGINEER. MAINTENANCE ACCESS ROUTES THAT DO NOT FOLLOW THE STORMLINE MUST HAVE A MINIMUM 12' EASEMENT.

APPROVED FOR PUBLICATION
John D. Hall 11/21/16
 City Engineer Date

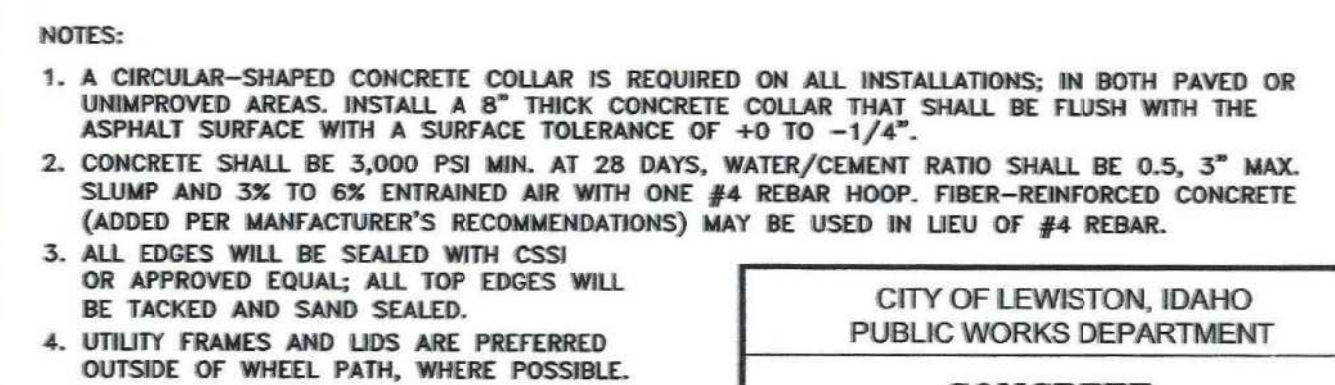
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 6-1



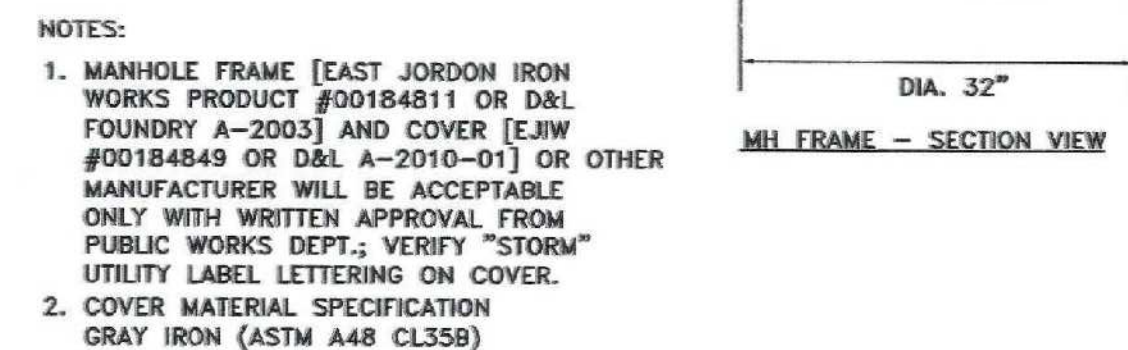
APPROVED FOR PUBLICATION <i>Chun Stalder</i> 12/13/10 City Engineer Date	DWG. NO. 6-2
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APPROVED FOR PUBLICATION <i>Shawn Stebbins</i> 12/13/10 City Engineer Date	DWG. NO. 6-3
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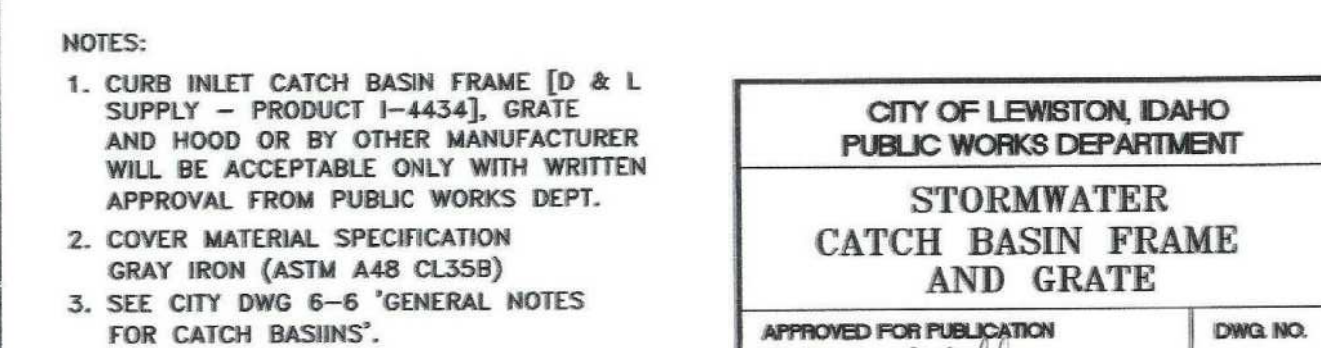
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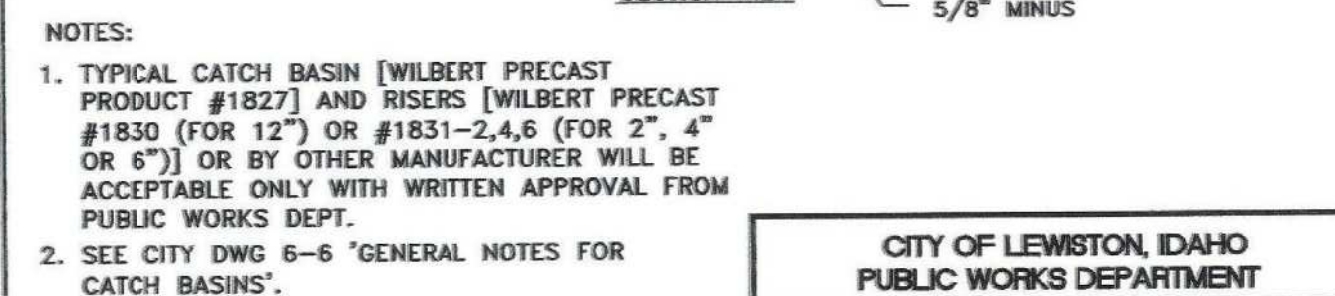
APPROVED FOR PUBLICATION <u>Glenn Stubbins</u> 12/13/10 City Engineer Date	DWG. NO. 6-5
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1. ALL UNITS TO MEET OR EXCEED THE REQUIREMENTS OF ASTM C478/AASHTO M199.
2. ALL CURB INLET STRUCTURES SHALL HAVE A MINIMUM 12" DUMP WITH THREE 1 1/2" DIA. WEEP HOLES IN BASE AND MINIMUM OF 12" OF COMPACTED 5/8" MINUS UNDER BASE. CRUSHED AGGREGATE MATERIAL COMPACTED TO 95% OF PROCTOR AS PER AASHTO T99.
3. A CATCH BASIN SHALL BE INSTALLED UPHILL TO EACH INTERSECTION CORNER RADIUS AND SPACED NO MORE THAN 400 FEET ALONG THE LENGTH OF THE STREET OR AT CITY ENGINEER'S REQUIRED SPACING. ADDITIONAL SPACING SHALL BE BASED ON CALCULATIONS TO VERIFY THE CHANGES HAVE MET CITY SPECIFICATIONS.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUPS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM.
5. ALL PIPES SHALL BE FLUSH WITH BASIN WALL AND SHALL BE MANHOLED AT BASIN.
6. USE CITY STD DWG NO. 6-7 FOR CATCH BASIN FRAME AND GRATE.
7. REDUCTION SLAB, RISERS, AND FRAME & GRATE SHALL NOT BE MORE THAN ONE INCH OUT OF VERTICAL ALIGNMENT WITH CATCH BASIN BASE.
8. MAXIMUM DEPTH FROM FINISHED GRADE TO PIPE INVERT IS 5 FEET.
9. USE A MINIMUM OF 1/2" NON-SHRINK GROUT BETWEEN RISERS, BASE, AND FRAME.
10. CURB INLET TO BE PLACED WITHIN A TOLERANCE OF 1/2" HORIZONTAL ALIGNMENT FROM CURB LINE.
11. SET GRATE 1" LOWER THAN PROPOSED FLOWLINE TO ENSURE POSITIVE DRAINAGE INTO CATCH BASIN. CURB FLOWLINE SHALL BE TRANSITION TO ONE EACH SIDE OF THE CATCH BASIN. MUST BE 1" DROP, GUTTER INL AND TOP OF CURB ARE NOT TO BE DEPRESSED.

APPROVED FOR PUBLICATION <u>Shawn Stalder</u> 12/13/10 City Engineer Date	DWG. NO. 6-6
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APPROVED FOR PUBLICATION <u>Sam Stiller</u> City Engineer	12/2/10 Date	DWG. NO. 6-7
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APPROVED FOR PUBLICATION <i>Shawn Huber 12/13/10</i>	DWG. NO. 6-8
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DRAWN BY: CRF		CHECKED BY: CRF
DESIGNED BY: CRF		
SCALE: 1" = 25'		
DATE: 10/12/20		
PROJECT NO.: 682		
SHEET 22 OF 24		


CARLTON HANGAR ADD.

LEWISTON ID 83501

4TH ST-WARNER/PARK AVE.

CITY DETAILS

STORMWATER UTILITIES



NACLINE
ENGINEERING & DRAFTING
"an affordable alternative"

4025 EARLE COURT
LEWISTON, IDAHO 83501
FAX (208) 750-1082
(208) 751-0055

REGISTERED PROFESSIONAL
ENGINEER
10962
10-12-20
STATE OF ID.
CHARLES R. TSKE

FILENAME

DATE

BY

NO.

0


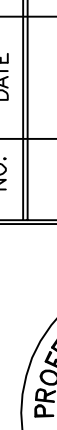
682

ORIGINAL DRAWING

REVISIONS

[illegible]

Questions, comments, and suggestions can be directed to the Public Works Department at (208) 746-1316.

 <p>NACLINE ENGINEERING & DRAFTING <i>"an affordable alternative"</i></p>		<p>4025 EAGLE COURT LEWISTON, IDAHO 83501 FAX (208) 791-0052 (208) 791-0055</p>				<p>NO. DATE BY FILENAME REVISIONS</p>	
<p>CARLTON HANGAR ADD.</p>		<p>LEWISTON ID 83501</p>		<p>0</p>		<p>682 ORIGINAL DRAWING</p>	
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<p>SHEET 23 OF 24</p>							

