# CARLTON HANGAR ADDITION (8.99 ac.)

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

#### 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.

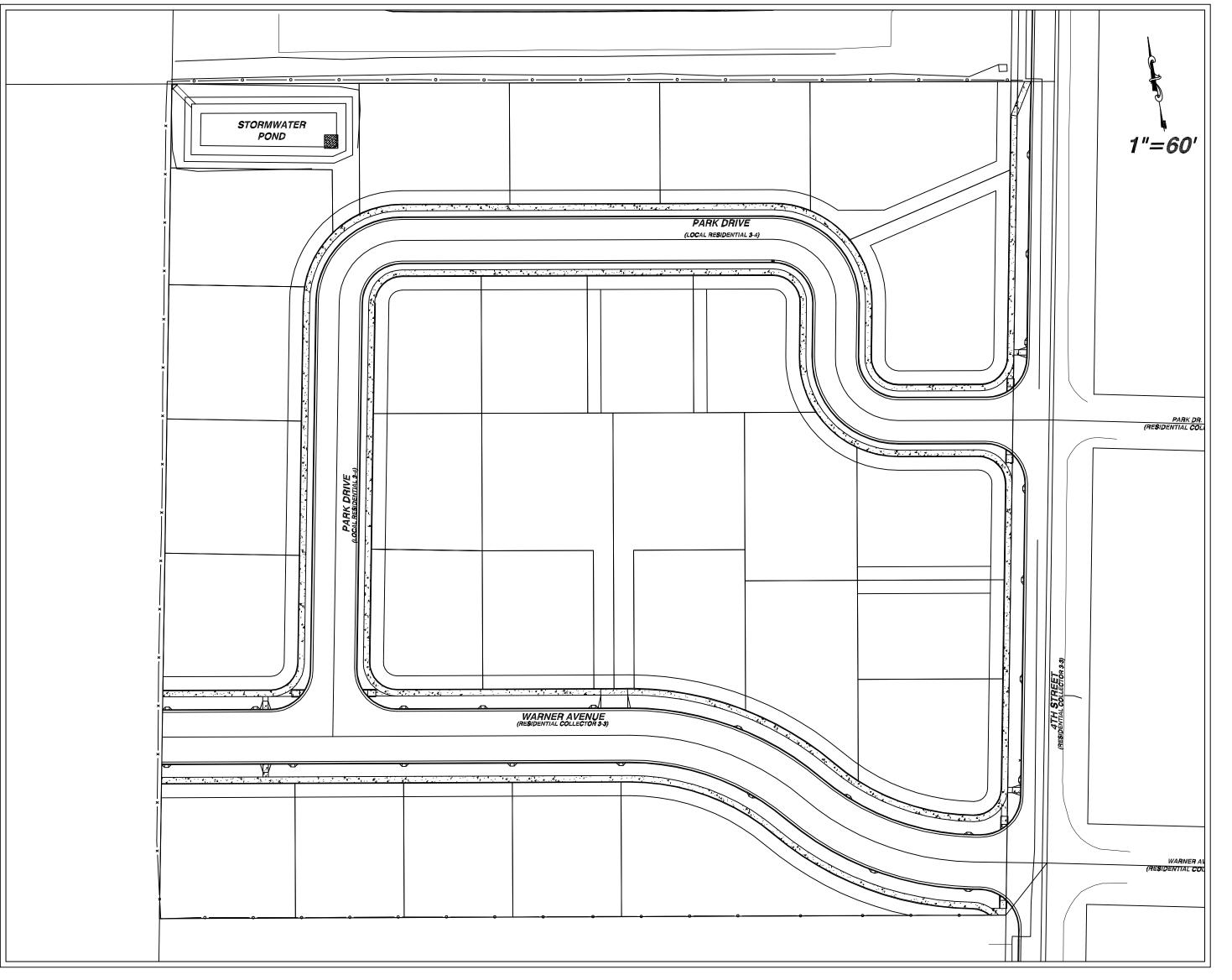
NOTIFICATION SIGN: A SIGN SHALL BE ERECTED UPON APPROVAL OF THE BUILDING PERMIT FOR THE PROJECT. AT A MINIMUM THE SIGN SHALL HAVE THE FOLLOWING:

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

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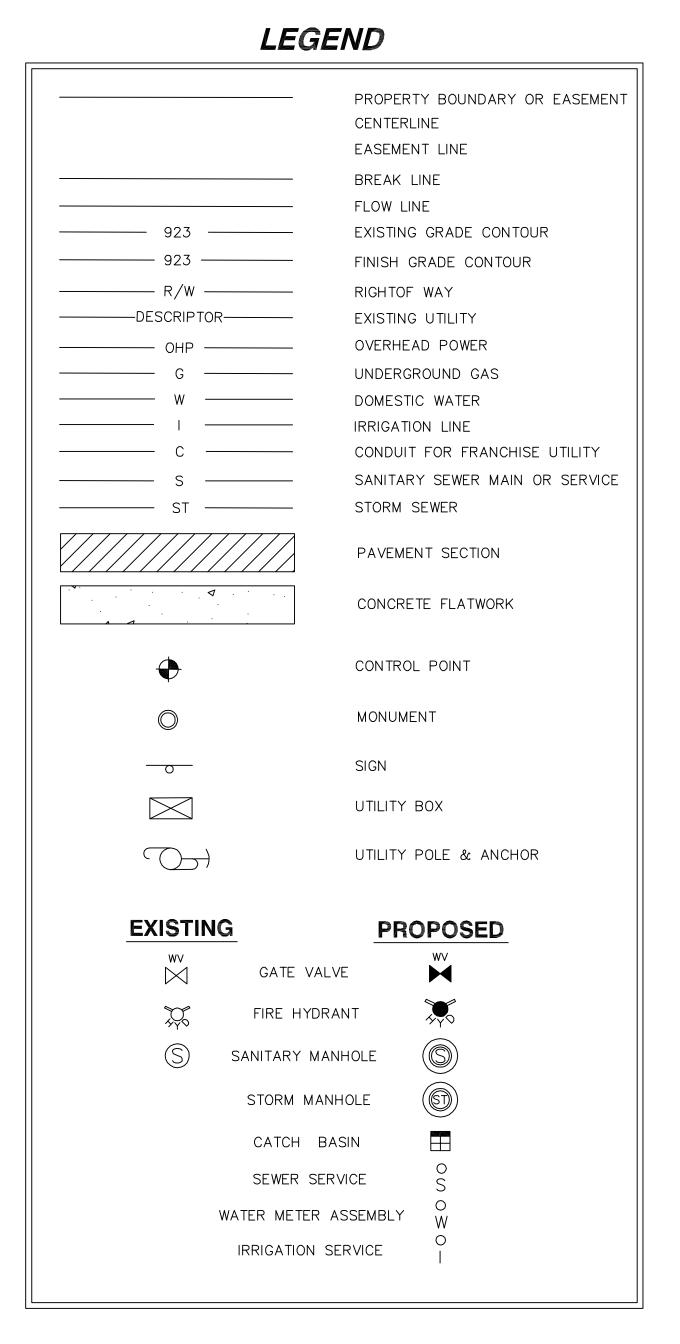


CONTRACTOR SHALL CALL 1-800-342-1585 & HAVE ALL UNDERGROUND UTILITIES LOCATED AT LEAST TWO WORKING DAYS PRIOR TO THE START OF ANY CONSTRUCTION.



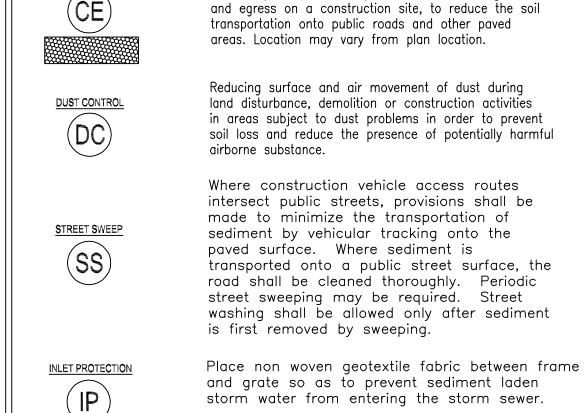
# TRAFFIC CONTROL PLAN FOR SHOULDER WORK WITH MINOR ENCROACHMENT

NOT TO SCALE



#### C4 EROSION CONTROL LEGEND

A stone pad, located at points of vehicular ingress



potential erosion.

VEGETATIVE BUFFER

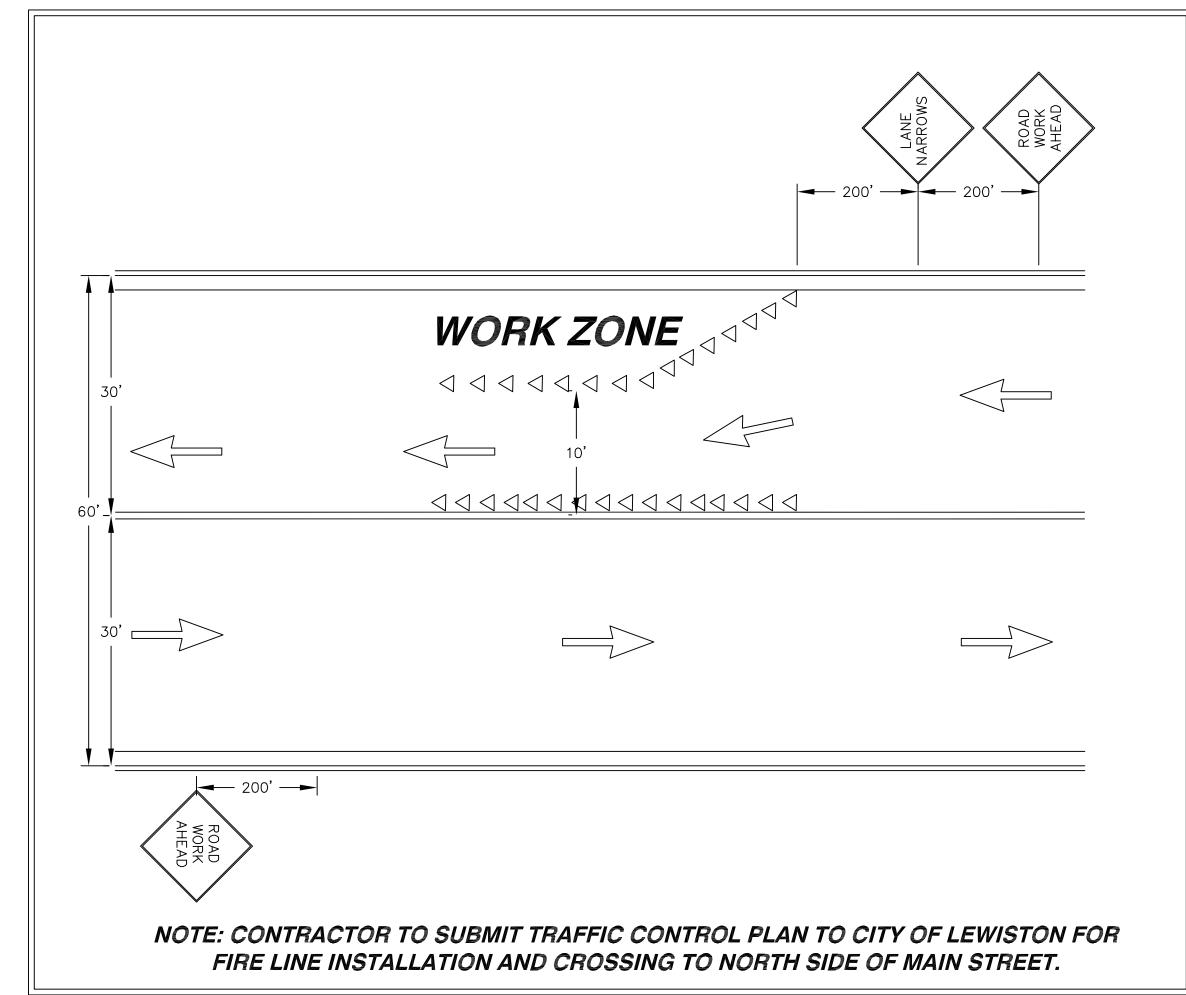
CONCRETE WASHOUT

CONSTRUCTION ENTRANCE

A designated area for concrete trucks to wash out their vehicles. area shall be a pool like depression 2 feet deep and 10 foot in diameter and lined with a non woven geotextile fabric. The concrete wash out shall be removed at the end of construction.

undisturbed to reduces storm water velocity and

Vegetative areas that are designated to be



## **UTILITY NOTES**

1) THE EXISTING UTILITY LOCATIONS SHOW WHERE DETERMINED BY COLLECTING EXISTING UTILITY DRAWINGS FROM VARIOUS UTILITY ENTITIES, CALLING IN A UTILITY LOCATE AND THEN MAPPING THE UTILITY LOCATES. THEREFOR, ANACLINE ENGINEERING PLLC DOES NOT WARRANTY THE ACCURACY OF THE INFORMATION PROVIDED AND PERFORMED BY OTHERS.

#### CONDUIT SPECIFICATIONS

1) ALL CONDUIT IS SCHEDULE 40 GRAY PVC

2) CONDUIT BENDS AND SWEEPS ARE 24"

3) MINIMUM SEPARATION DISTANCE TO WATER, STORM, SANITARY UTILITIES IS 5' FROM EDGE OF PIPE.

4) CONDUITS MAY BE PUT IN A COMMON TRENCH. CONDUIT ROUTES ARE DRAWN FOR CLARITY. CONTRACTOR SHALL ADJUST COMMON TRENCH LOCATION TO AVOID CONFLICTS WITH OTHER UTILITIES AND TO MAINTAIN MINIMUM SEPARATION REQUIREMENTS.

## **GRADING NOTES**

1) PREPARATION OF GROUND: THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, NON—COMPLYING FILL, TOPSOIL AND OTHER UNSUITABLE MATERIALS, SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL AND, WHERE SLOPES ARE STEEPER THAN FIVE TO ONE AND THE FILL HEIGHT IS GREATER THAN 5 FEET, BY BENCHING INTO COMPETENT MATERIAL. THE BENCH UNDER THE TOE OF A FILL ON A SLOPE STEEPER THAN A FIVE TO ONE SHALL BE AT LEAST 10 FEET WIDE. WHEN FILL IS TO BE PLACED OVER CUT, THE BENCH OVER THE TOE OF FILL SHALL BE AT LEAST 10 FEET WIDE BUT THE CUT SHALL BE MADE BEFORE THE FILL AND SHALL BE SUITABLE FOUNDATION FOR FILL.

2) FILL MATERIAL: DETRIMENTAL AMOUNTS OF ORGANIC MATERIAL SHALL NOT BE PERMITTED IN FILL.

3) COMPACTION: ALL STRUCTURAL FILLS (UNDER RESIDENTIAL LOTS, BUILDINGS, AND PAVEMENT OR CONCRETE) SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY ACCORDING TO ASTM D1557 (MODIFIED PROCTOR). THE TOP 6 INCHES OF ALL ROAD SUBGRADES SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. NON STRUCTURAL FILL SHALL BE COMPACTED TO A MINIMUM OF 85% OF MAXIMUM DENSITY ACCORDING TO ASTM D1557 (MODIFIED PROCTOR). ALL FILLS MUST BE CERTIFIED AS MEETING THESE SPECIFICATIONS BY A PROFESSIONAL ENGINEER. COMPACTION TESTS SHALL BE TAKEN ON EACH LIFT (MAXIMUM 8" LOOSE DEPTH IN STRUCTURAL FILLS AND 12" MAXIMUM LOOSE DEPTH IN NON STRUCTURAL FILLS) OF FILL PLACED.

4) TESTING: THE CONTRACTOR SHALL HIRE A MATERIAL TESTING LAB TO PERFORM MATERIALS TESTING OR OBSERVED TESTING (FOR ROCK FILL) AND PROVIDE THE TESTING RESULTS TO THE ENGINEER FOR REVIEW.

#### **POINT LEGEND**

EG = EXISTING GRADE
FG = FINISH GRADE
TBC = TOP BACK OF CURB
LIP = LIP OF GUTTER
ACP = ASPHALT CEMENT PAVEMENT
CONC = CONCRETE
EXT = EXISTING
MON = MONUMENT
INV = INVERT
CL = CENTERLINE
FF = FINISH FLOOR
RIM = RIM OF STRUCTURE

TBW = TOP BACK OF WALL

#### AVISTA UTILITIES LEGEND

AVIGIAGI	TETTLE ELGEND
	JLD FOLLOW AVISTA CONDUIT TO EACH TY PROVIDER FOR A DETAILED LAYOUT
DESCRIPTOR	EXISTING UTILITY
3P	POWER 3 PHASE - (3) 2" CONDUITS
——— P2 ———	POWER SINGLE 2" PRIMARY CONDUIT
——————————————————————————————————————	POWER SINGLE 3" SECONDARY CONDUIT
——————————————————————————————————————	POWER SINGLE 2" CONDUIT
2"G	GAS 2"
———3/4"G———	GAS 3/4" STUB
<b>A</b>	
	ABOVE GROUND TRANSFORMER
	FLUSH MOUNT SECONDARY HANDHOLE
	STREET LIGHT

GENERAL  NOTIFICATION SIGN = 1 LS TRAFFIC CONTROL AS NEEDED = 1 LS EROSION CONTROL AS NEEDED = 1 LS MATERIALS TESTING = 1 LS COMPLY WITH CITY INSPECTION & TESTING (SHEET 23)  DEMOLITION  4TH ST. SAWCUT ASPHALT = 652 LF 4TH ST. REMOVE ASPHALT PAVEMENT = 322 SY 4TH ST. REMOVE CURB, GUTTER, SIDEWALK = 20.5 SY 4TH ST. ROAD X FOR PAVEMENT SECTION = 184 C.Y. 4TH ST. REMOVE 54" TO 30" TREE = 5 EA	= 1 LS
TRAFFIC CONTROL AS NEEDED = 1 LS EROSION CONTROL AS NEEDED = 1 LS MATERIALS TESTING = 1 LS COMPLY WITH CITY INSPECTION & TESTING (SHEET 23)  DEMOLITION  4TH ST. SAWCUT ASPHALT = 652 LF 4TH ST. REMOVE ASPHALT PAVEMENT = 322 SY 4TH ST. REMOVE CURB, GUTTER, SIDEWALK = 20.5 SY 4TH ST. ROAD X FOR PAVEMENT SECTION = 184 C.Y. 4TH ST. REMOVE FENCING = 840 L.F.	= 1 LS
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4TH ST. KLMOVE 24 TO 30 TIKEL - 3 EA 4TH ST. SALVAGE & RELOCATE 25 MPH SIGN = 1 EA CLEAR & GRUBB 4" DEPTH = 2396 C.Y. REMOVE CONCRETE SLABS = 50 S.Y. REMOVE SHED (100 SF) = 1 EA REMOVE BUILDING (540 SF) = 1 EA REMOVE HANGER (3,765 SF) = 1 EA	
WATER UTILITIES	
8" HOT TAP = 2 EA 8" GATE VALVE = 7 EA 6" GATE VALVE = 3 EA FIRE HYDRANT = 3 EA 8"X6"X8" TEE = 3 EA 8"X8"X8" TEE = 1 EA 8" 45° ELBOW = 6 EA 8" 22-1/2° ELBOW = 2 EA 8" 11-1/4° ELBOW = 1 EA 8" BLIND FLANGE = 1 EA 3/4" SERVICE SADDLE = 47 EA 3/4" WATER METER ASSEMBLY = 47 EA 3/4" WATER SERVICE LINE = 1,693 L.F.	
6" C-900 WATER MAIN = 37 LF 8" C-900 WATER MAIN = 1,673	
IRRIGATION UTILITIES	
6" HOT TAP = 2EA 6" GATE VALVE = 6 EA 6"X6"X6" TEE = 1 EA 6" 45° ELBOW = 6 EA 6" 22-1/2° ELBOW = 2 EA 6" 11-1/4° ELBOW = 2 EA 6" BLIND FLANGE = 1 EA SERVICE SADDLE = 47 EA IRRIGATION ASSEMBLY = 47 IRRIGATION SERVICE LINE = 1,672 LF 6" IRRIGATION MAIN = 1,696 LF	
STORM UTILITIES	
STORM MANHOLE = 1 EA CATCH BASIN = 5 EA OPEN BOTTOM CATCH BASIN = 1 EA CONCRETE TUB FOR CATCH BASIN BUBBER = 1 EA 12" PVC SDR 35 PIPE = 450 LF STORM WATER POND = 1 EA	
SEWER UTILITIES	
MANHOLE = 7 EA 8" X 4" WYE = 47 EA 4" PVC SDR 35 PIPE = 2,549 LF 8" PVC SDR 35 PIPE = 1,076	
CIVIL WORK	
SITE CUT = 5,983 CY SITE FILL = 7,870 CY X SPOIL FROM BEDDING = 735 CY SITE IMPORT = 1,152 CY HIGH BACK CURB & GUTTER = 1,937 LF	
ROLLED CURB & GUTTER = 1,713 LF SIDEWALK SECTION = 1,584 SY ADA RAMP = 7 EA CONCRETE SECTION FOR ADA RAMP = 36 SY INLET APRON STORM SWALE = 23 EA STREET MONUMENTS = 10 EA END OF ROAD BARRICADES = 2 EA	
STOP SIGN WITH (2) STREET NAME SIGNS = 3 EA RELOCATE SPEED LIMIT SIGN = 1 EA 4TH STREET PAVEMENT SECTION = 552 SY WARNER AVENUE PAVEMENT SECTION = 2,774 SY PAVED PATH SECTION = 150 SY PARK DRIVE PAVEMENT SECTION = 3,332 SY SWALE SECTION WARNER AVENUE = 1,454 SY	
SWALE SECTION 4TH STREET = 493 SY POND ACCESS ROAD 8" DEPTH = 62.2 SY	
NOTES	

1) ALL VOLUMES ARE COMPACTED VOLUMES, LENGTHS ARE PLAN VIEW 2) THE CONTRACTOR SHALL SATISFY FOR THEMSELVES THE QUANTITIES

RÉQUIRED TO COMPLETE THIS PROJECT.

3) ITEMS NOT LISTED ARE INCIDENTAL

TARTER OF THE CONTRACT OF THE



4025 EAGLE COURT WISTON, IDAHO 83501 AX (208) 750-1082 (208) 791-8055



LEWISTON IDAHO 83501
4TH ST-WARNER/PARK AVE.
LEGENDS, NOTES, QUANTITIES
TRAFFIC CONTROL PLAN

DRAWN BY: CHECKED BY: CRF

CRF

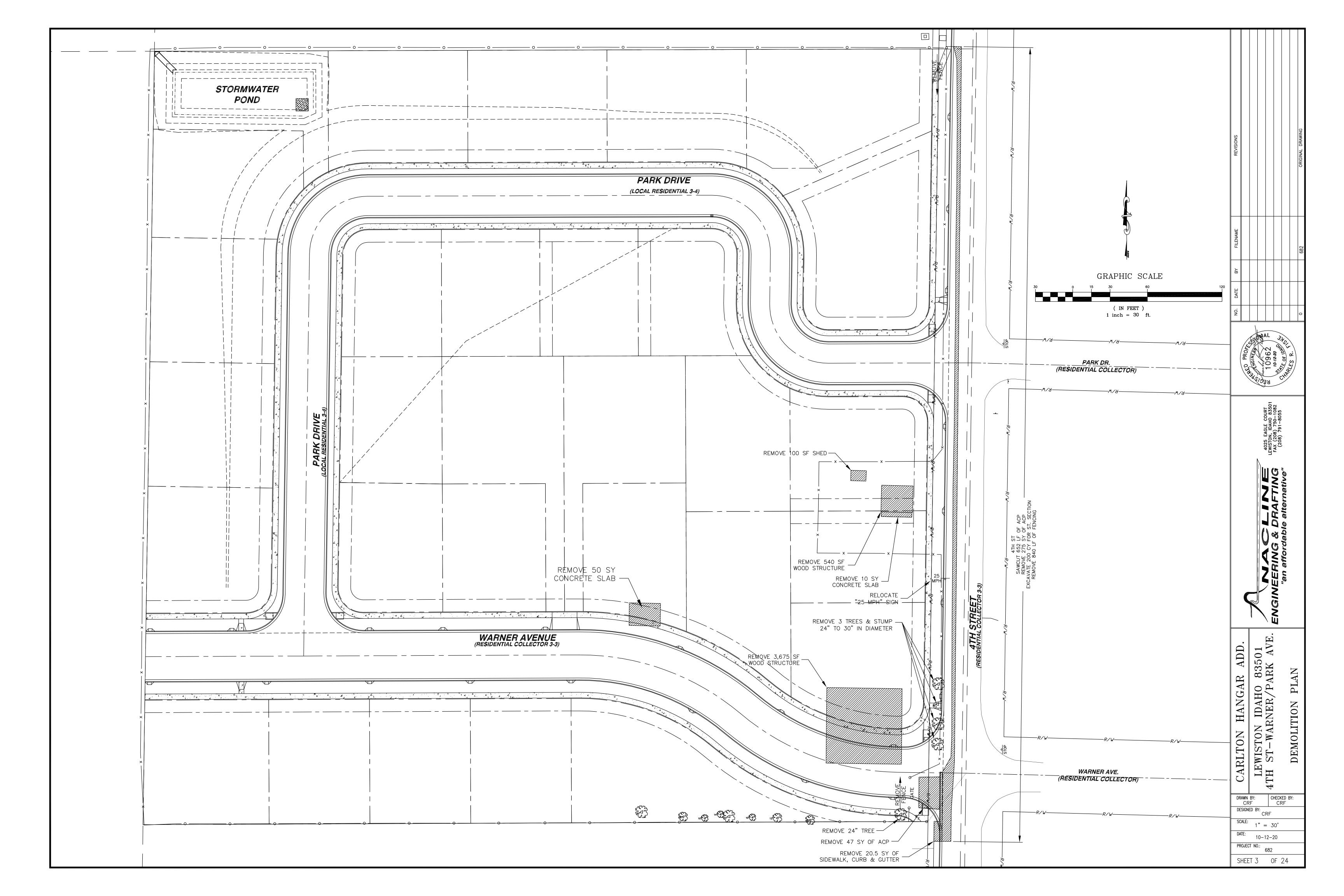
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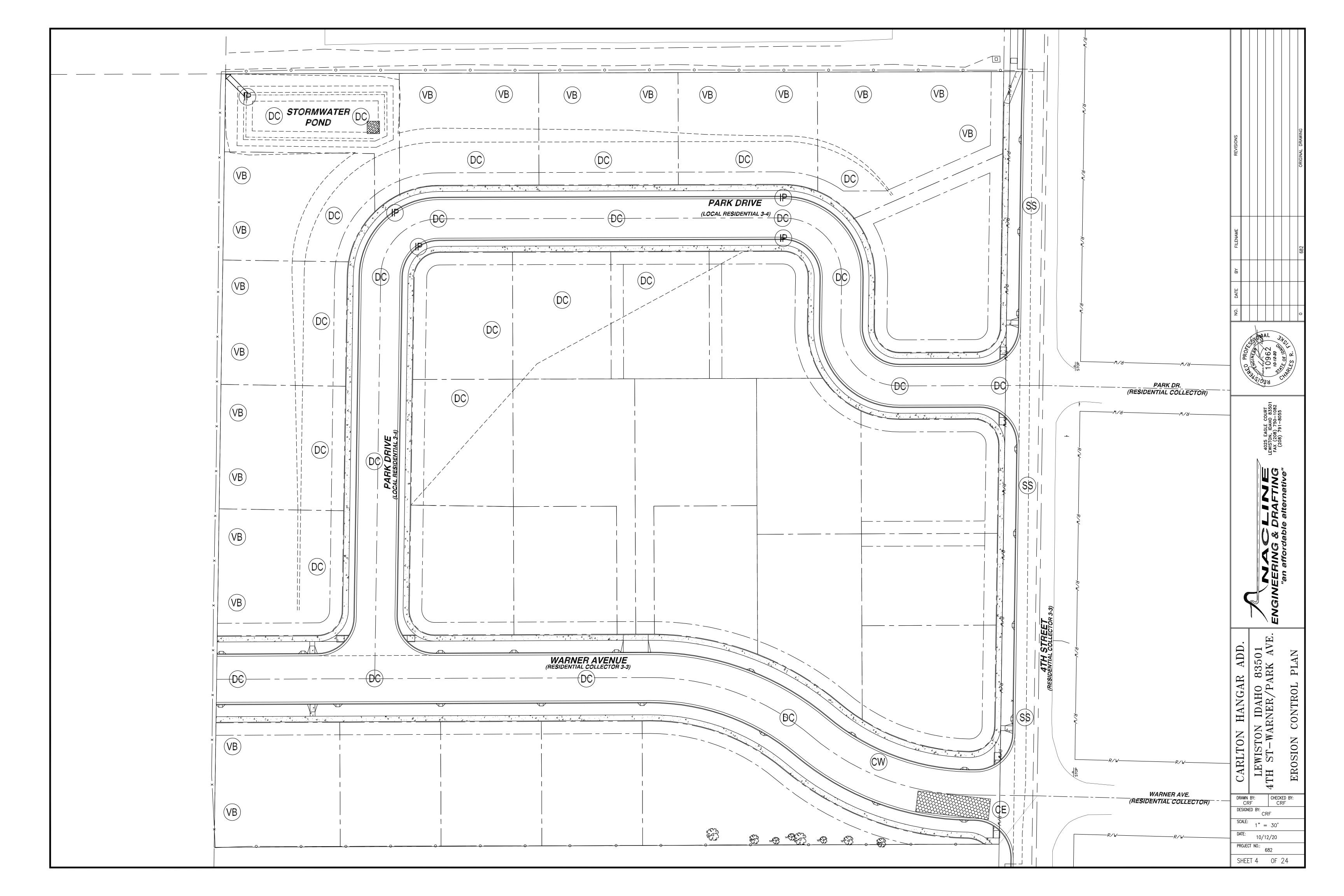
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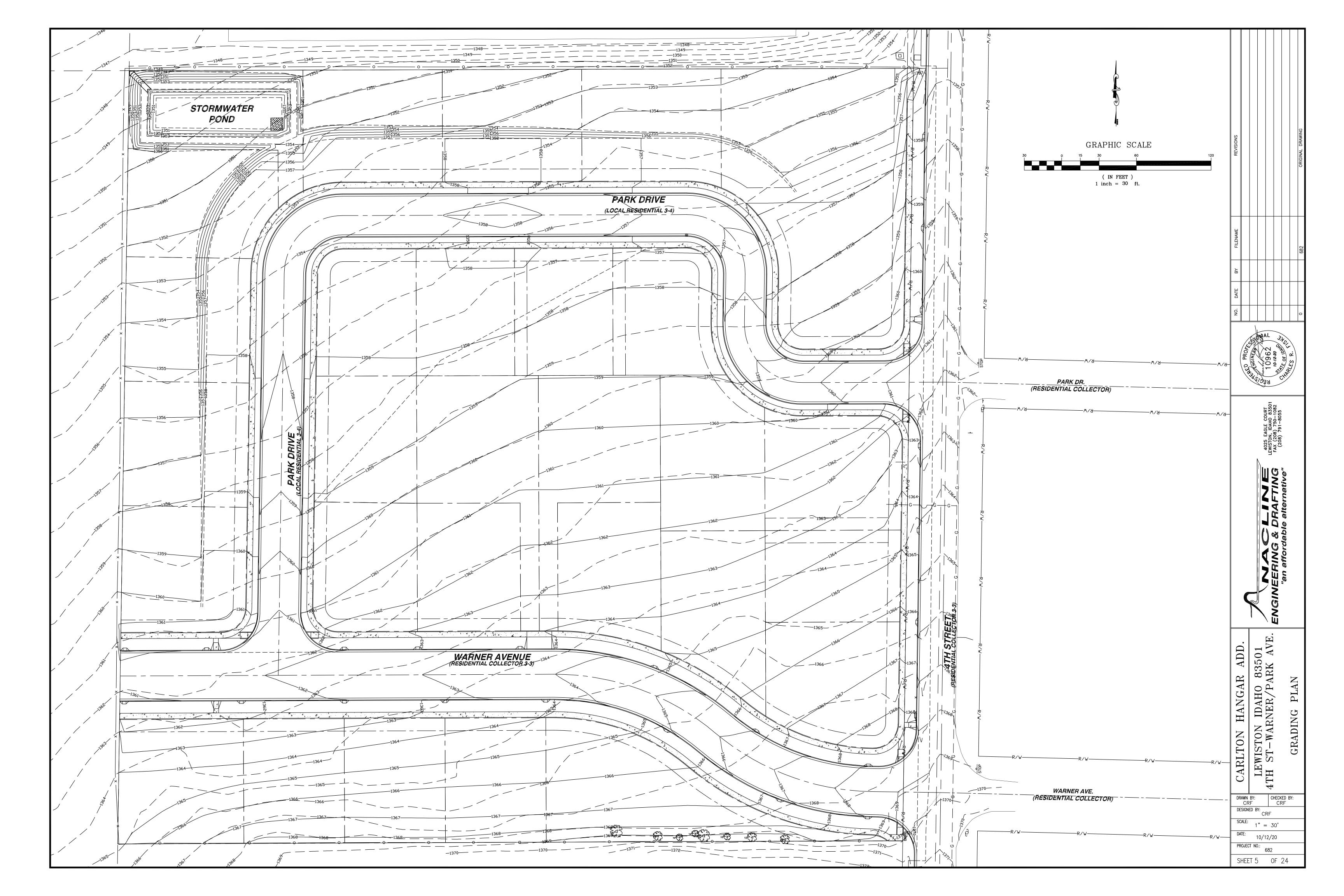
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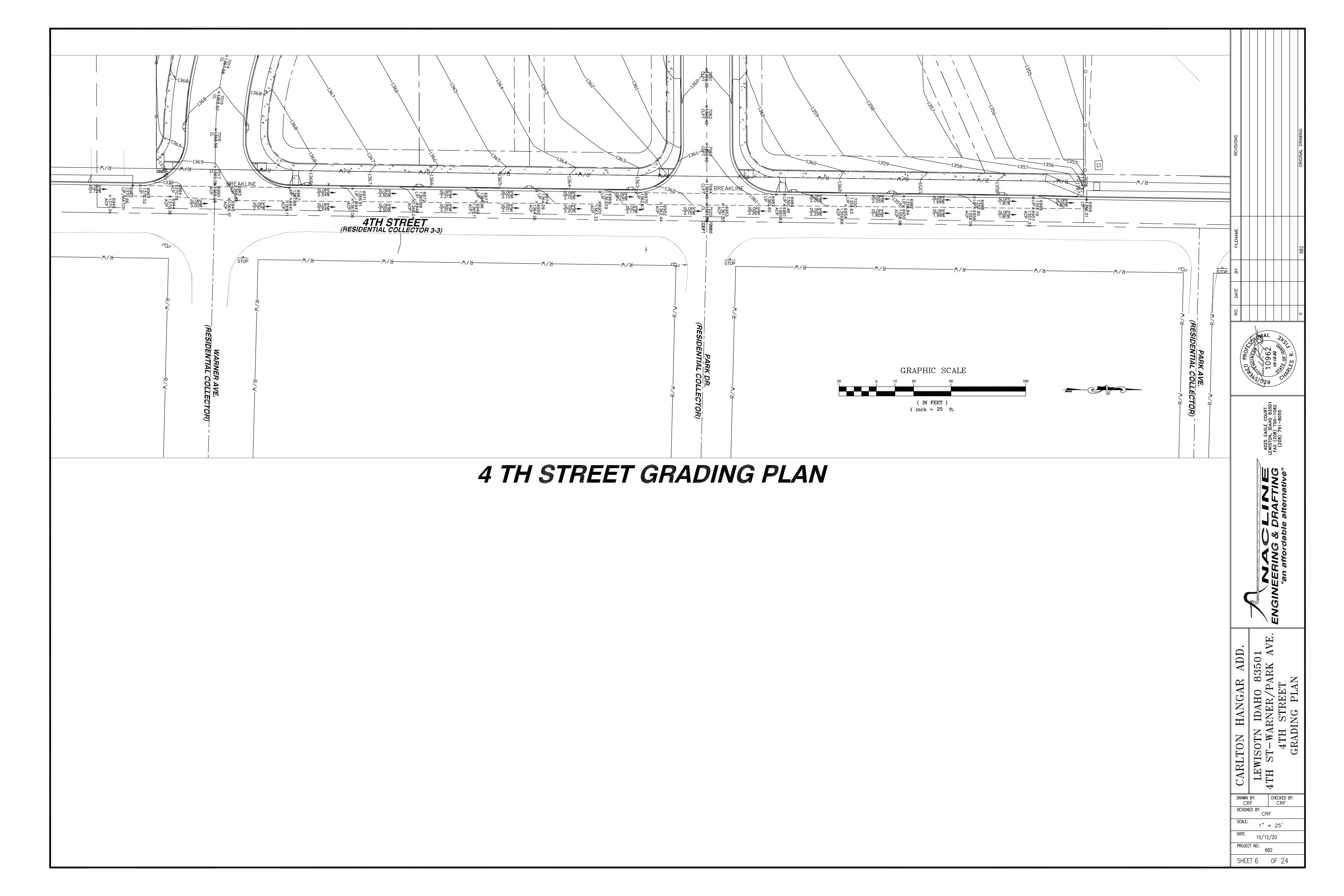
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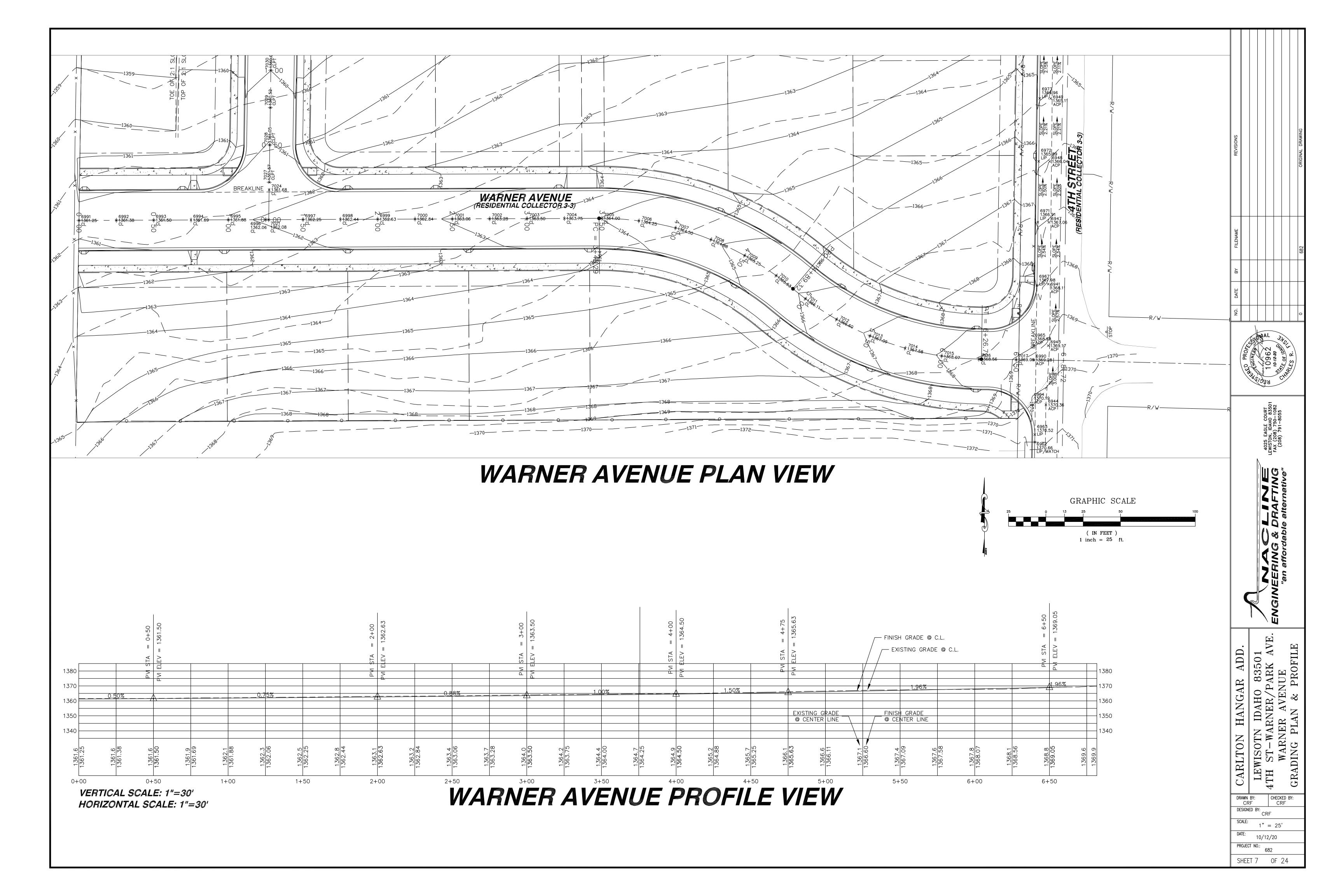
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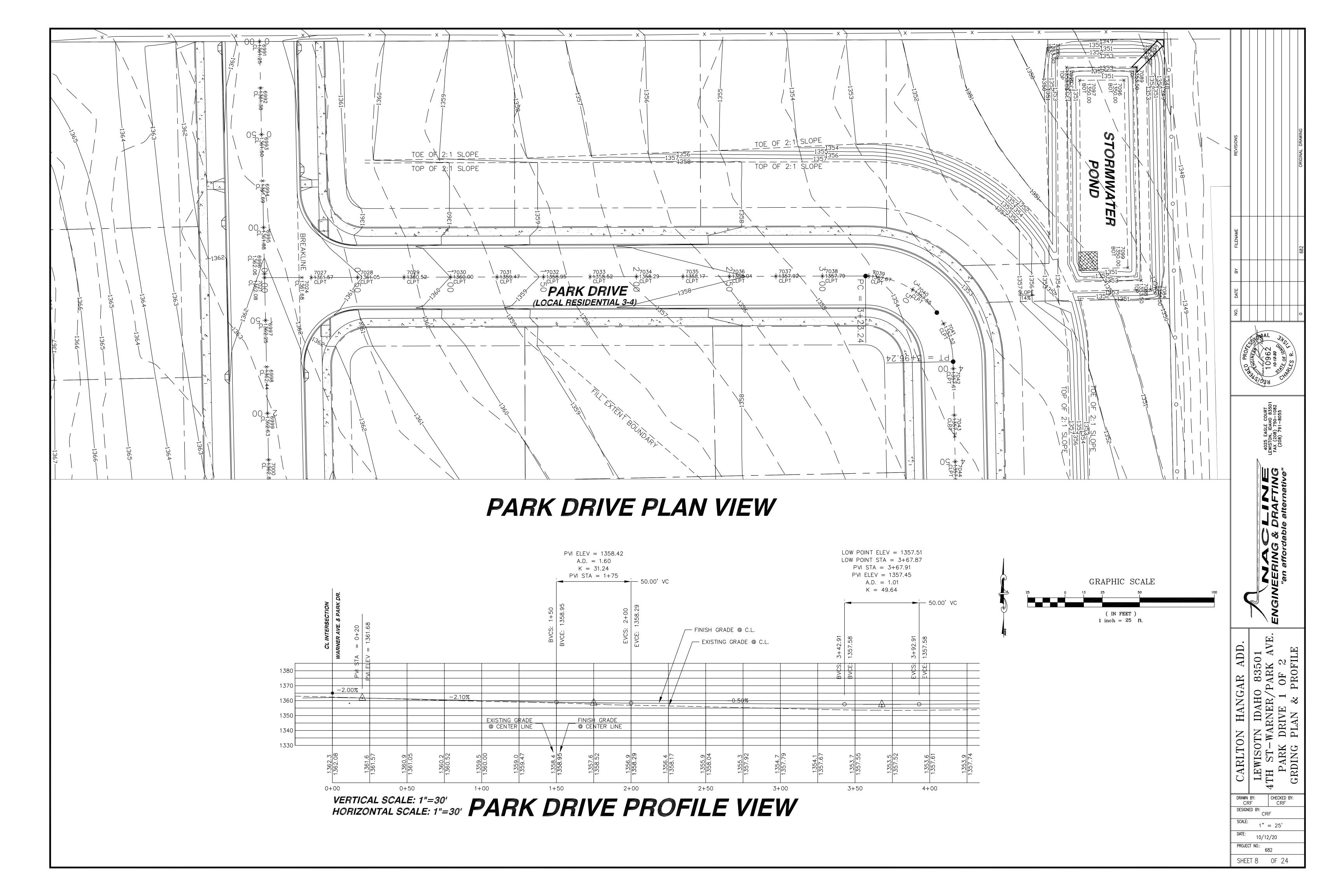


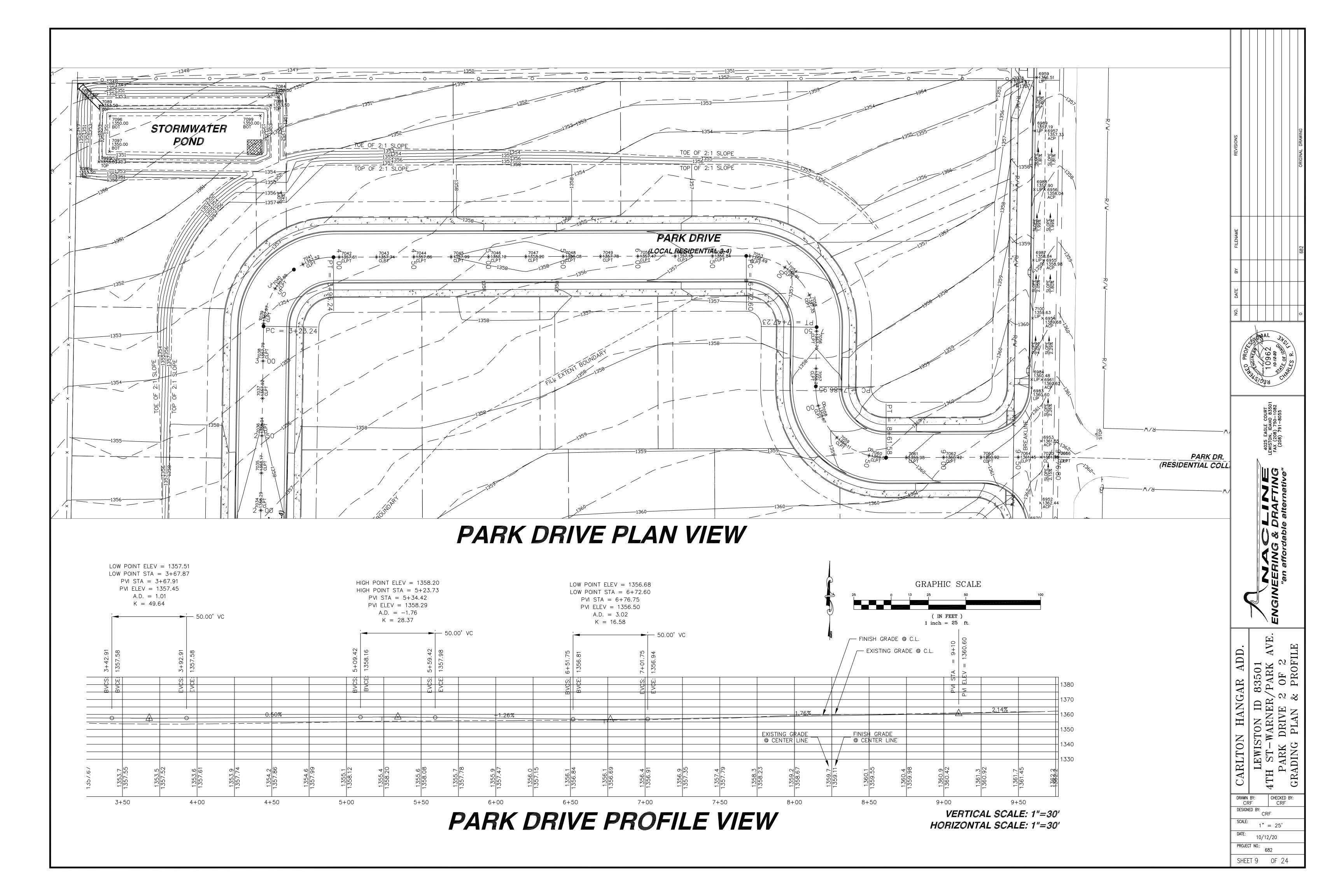


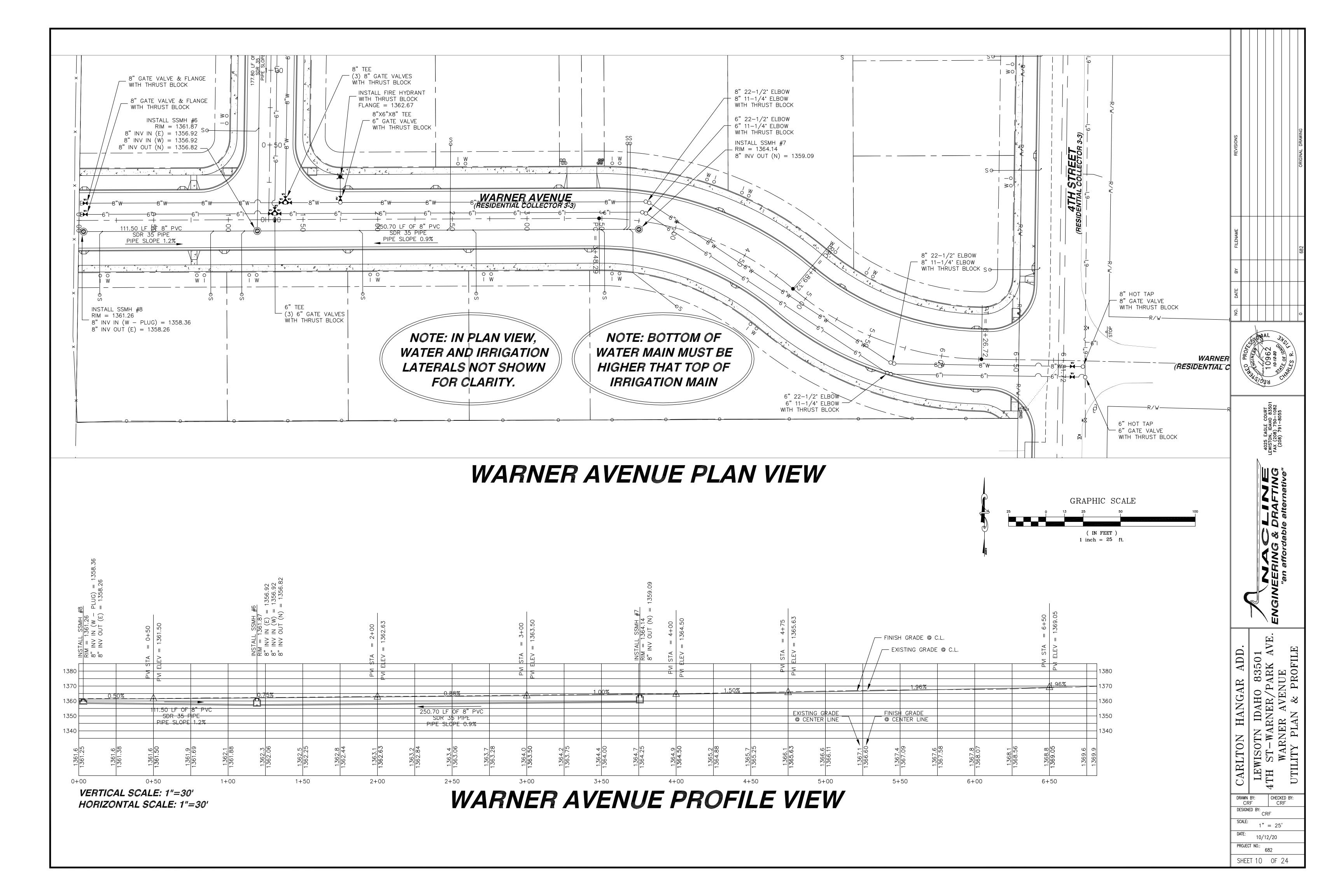


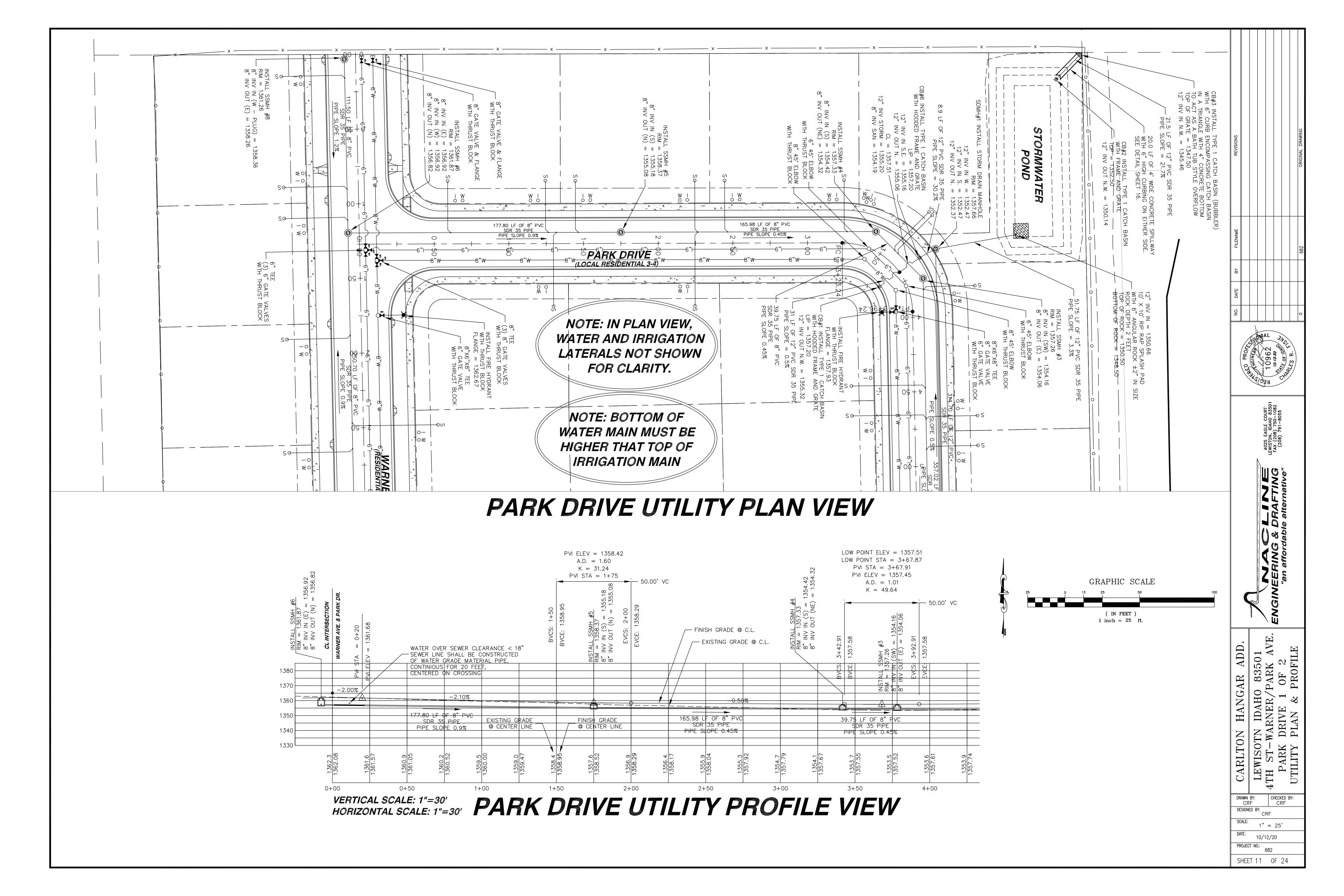


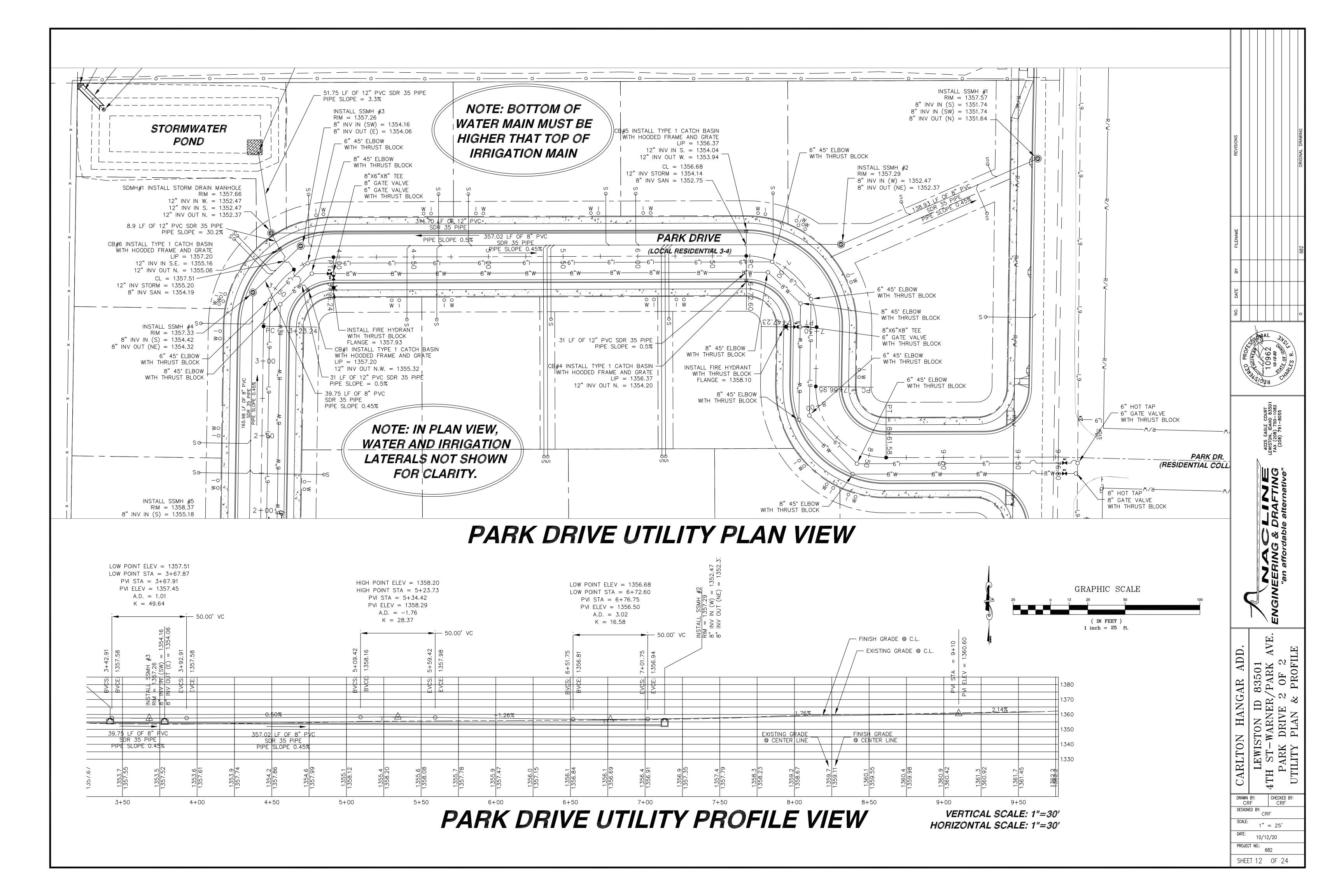


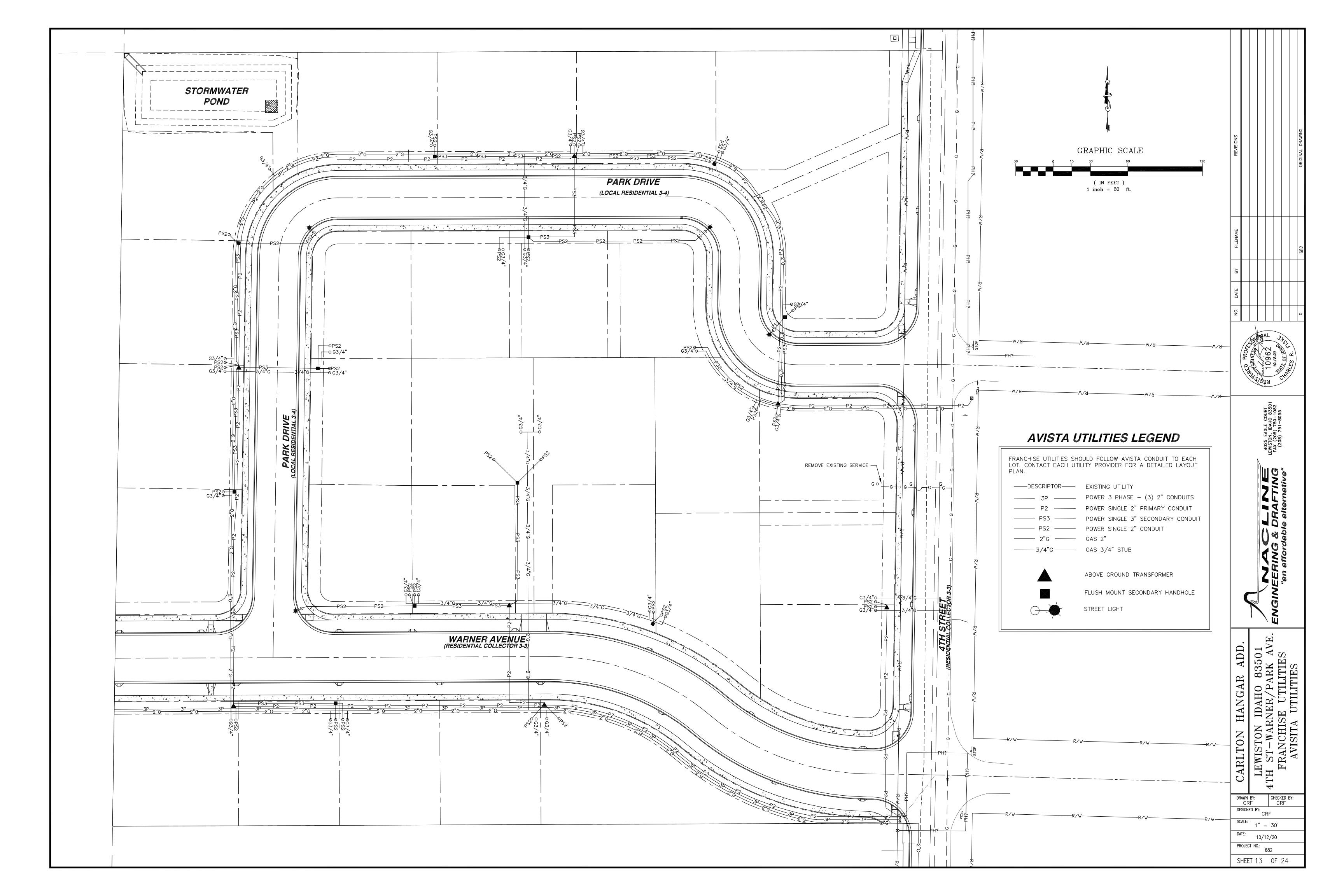


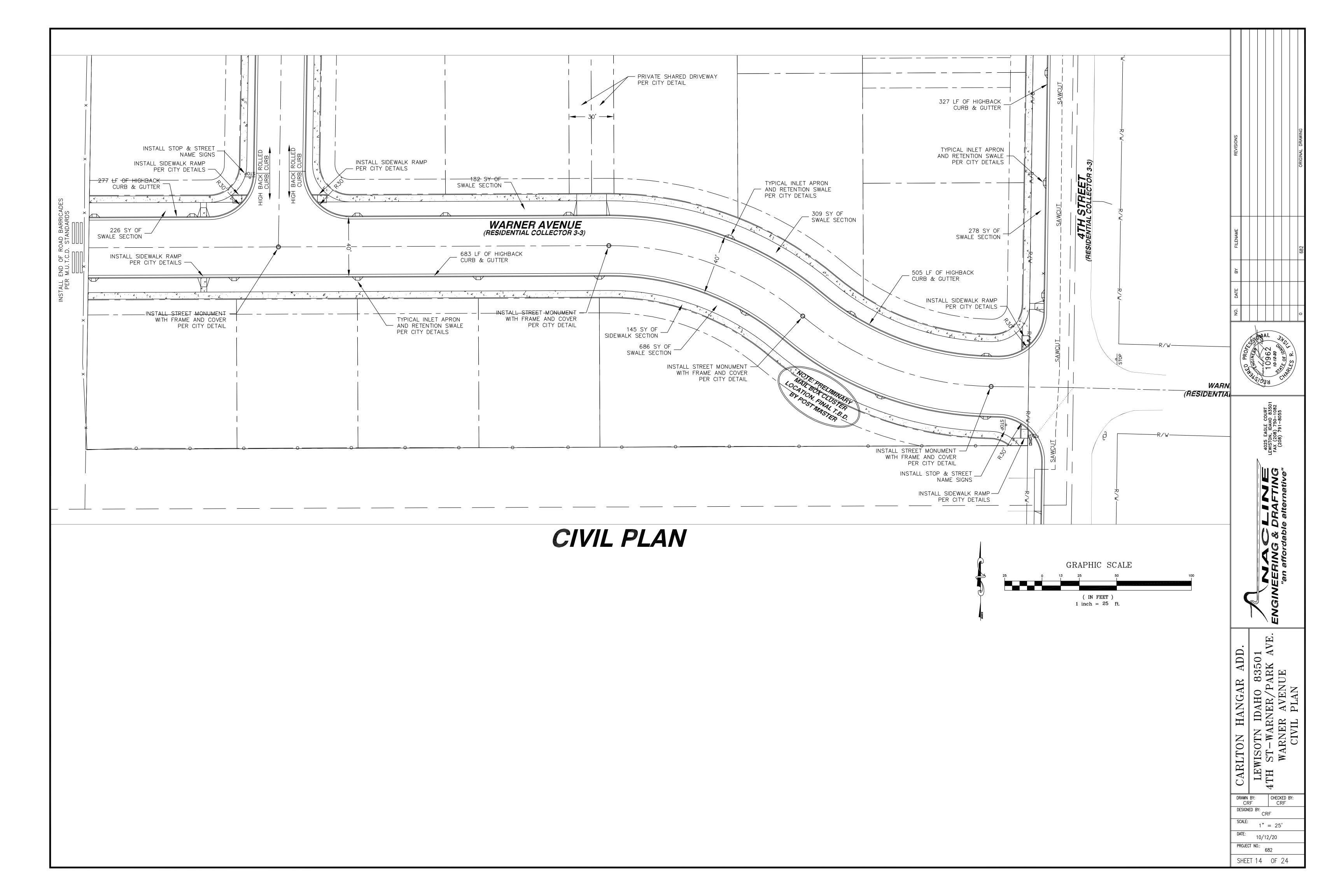


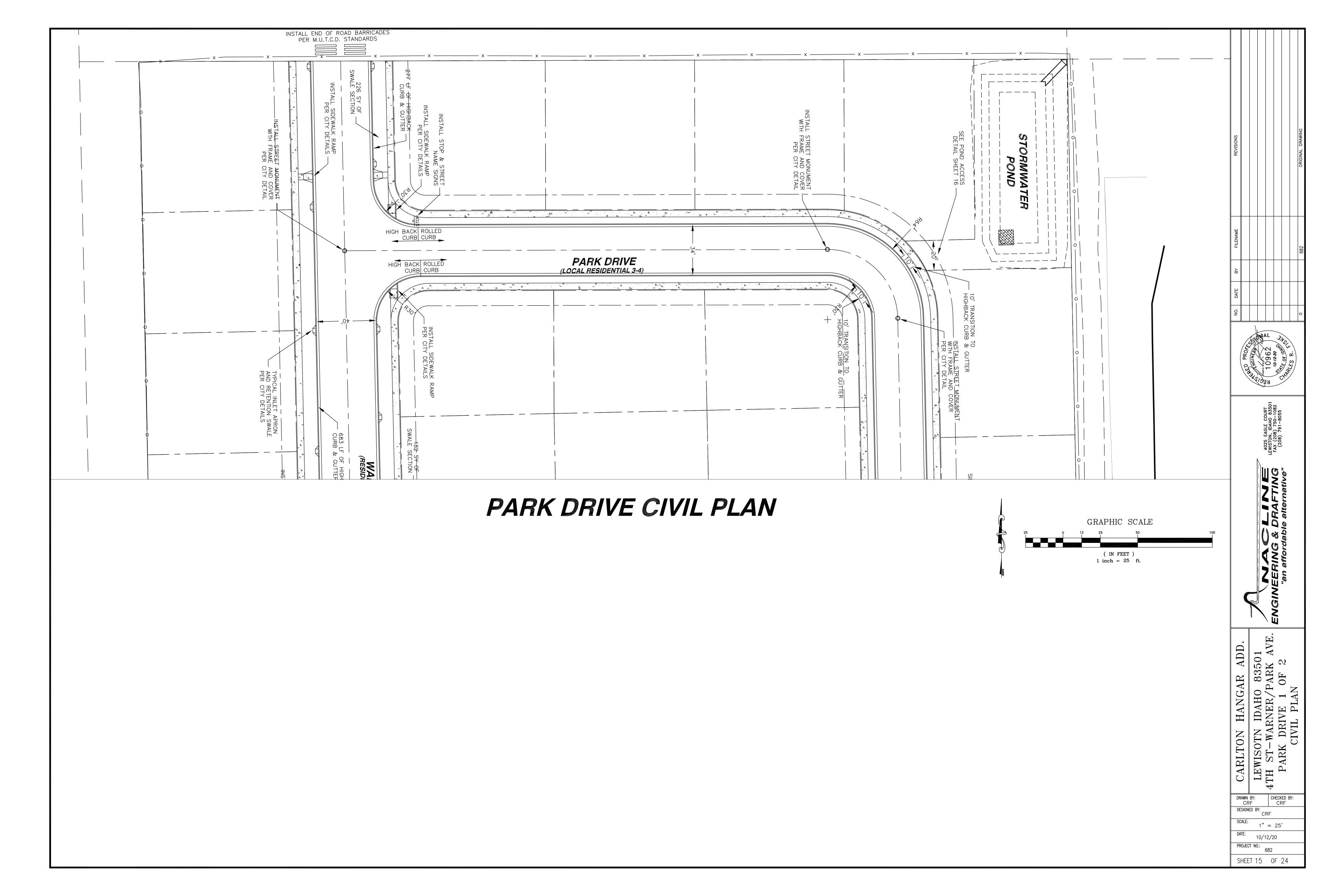


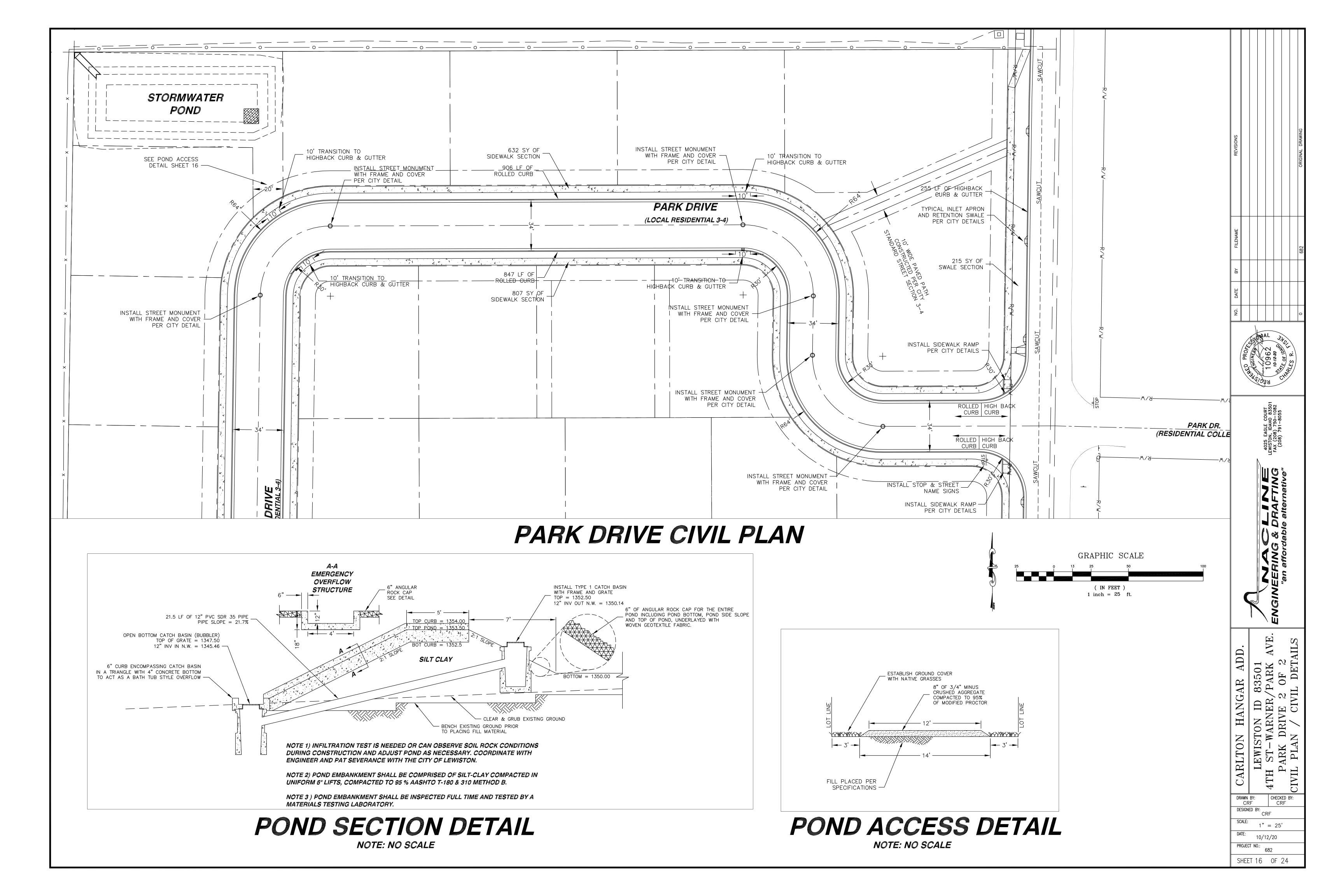


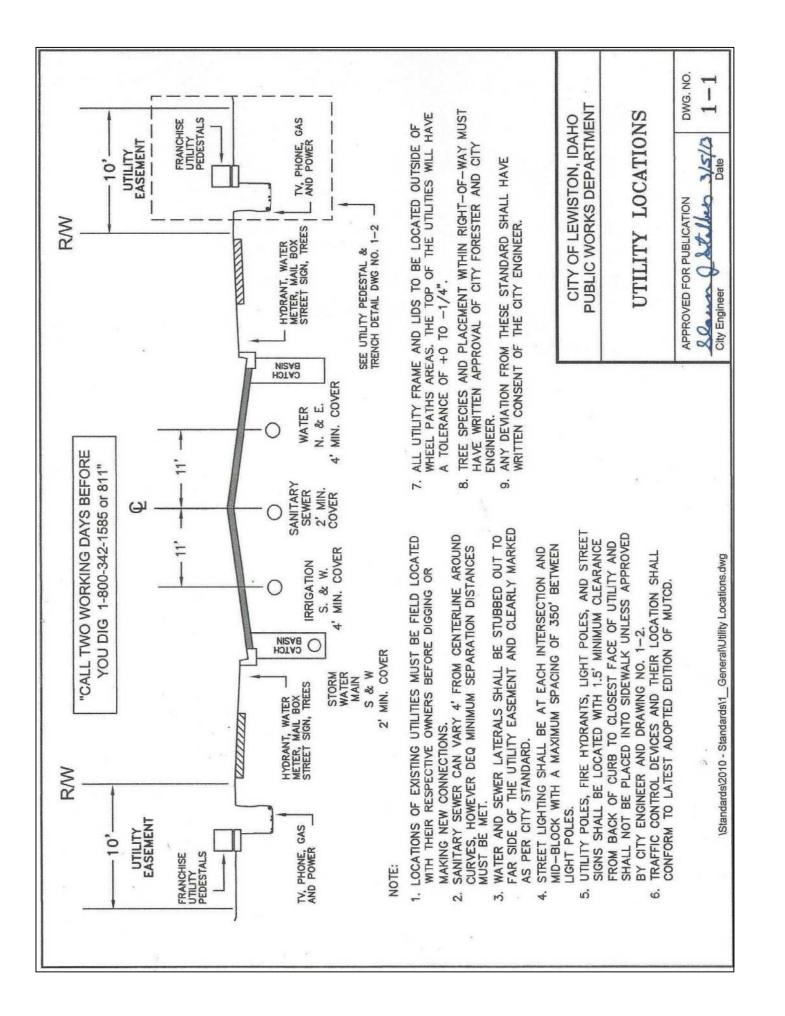


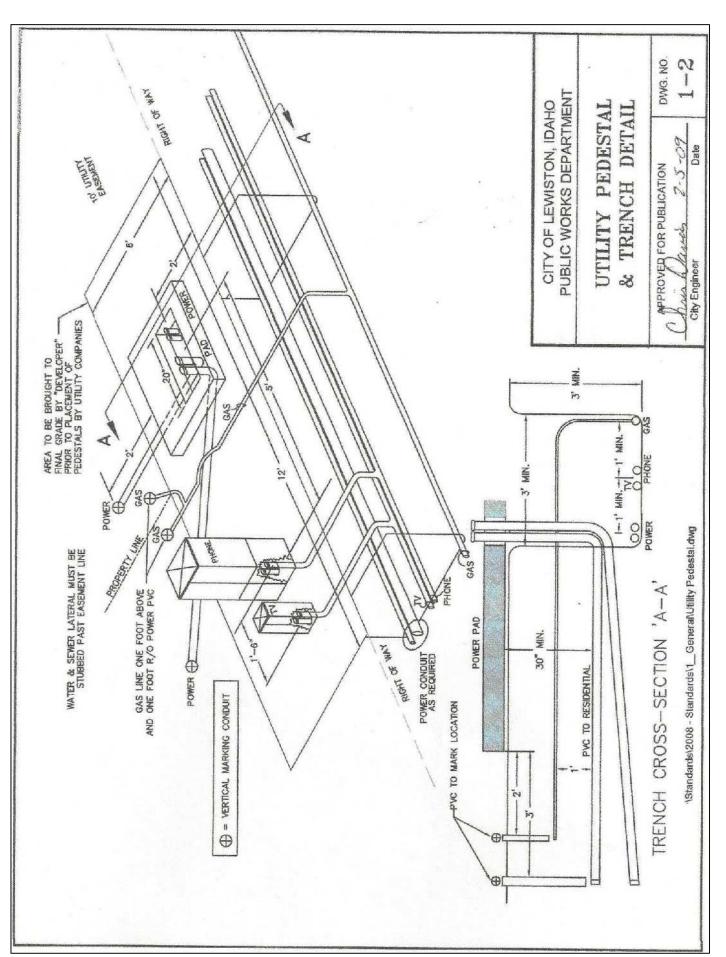


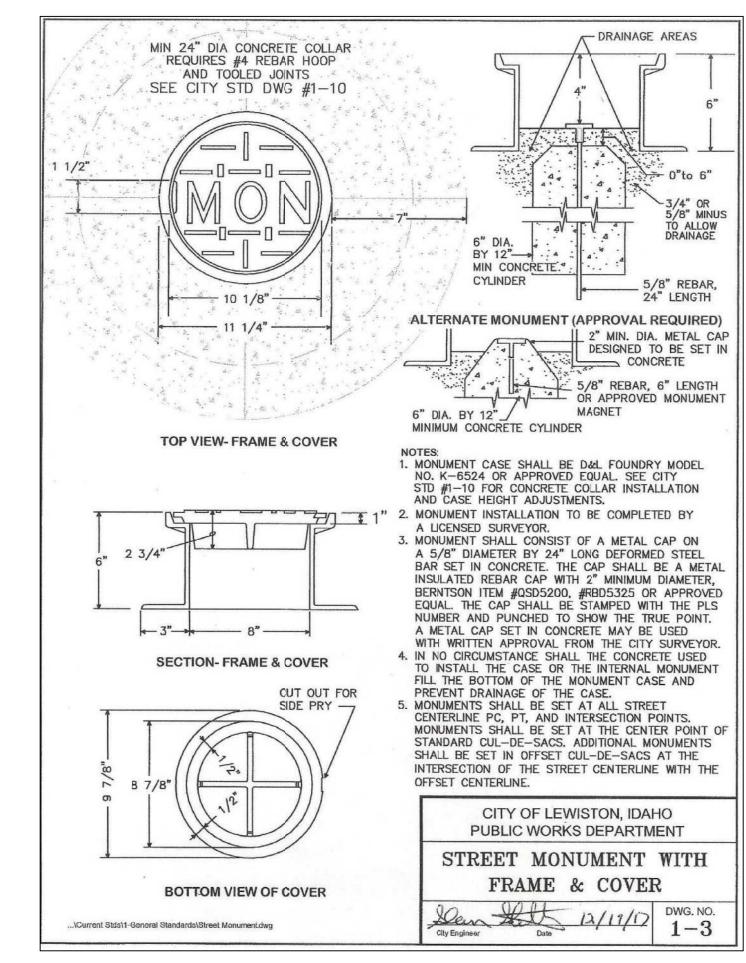


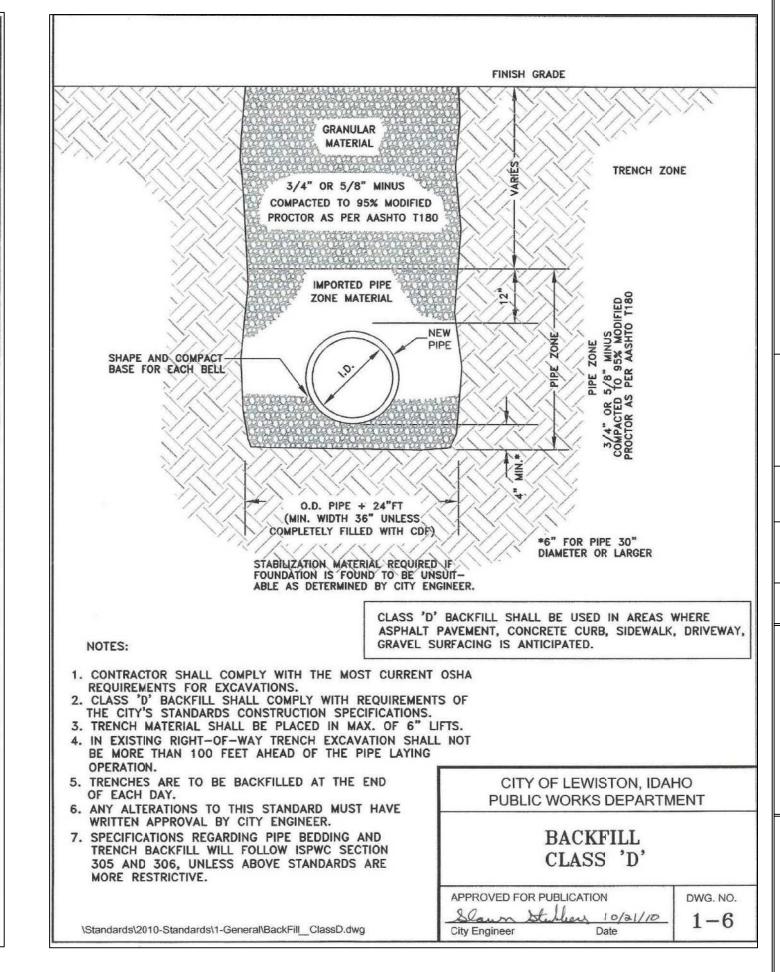


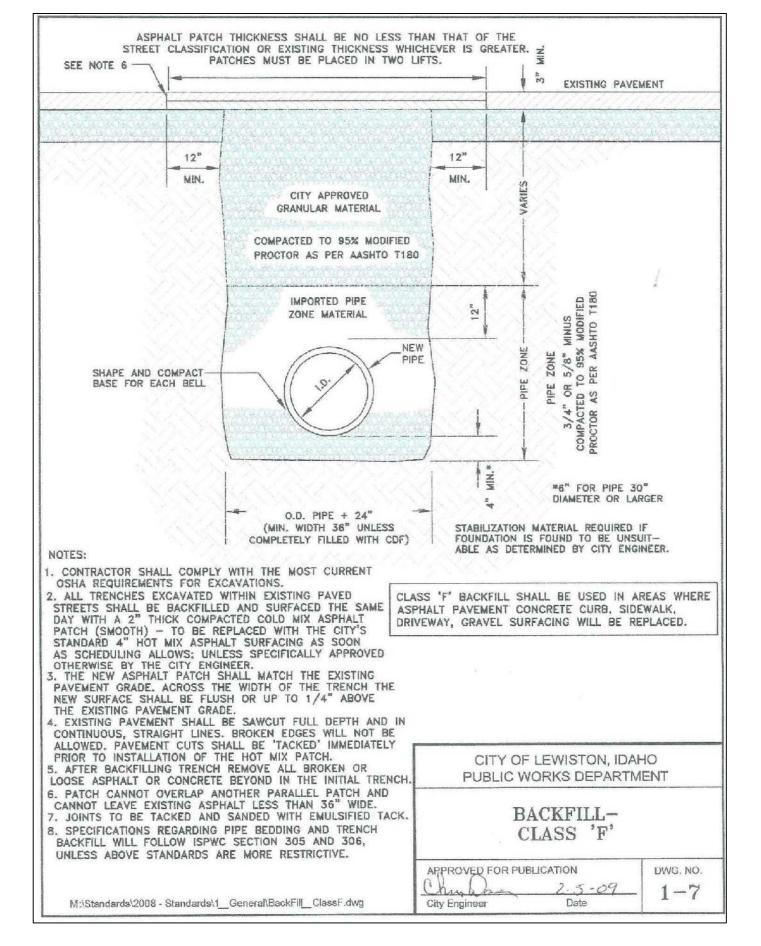


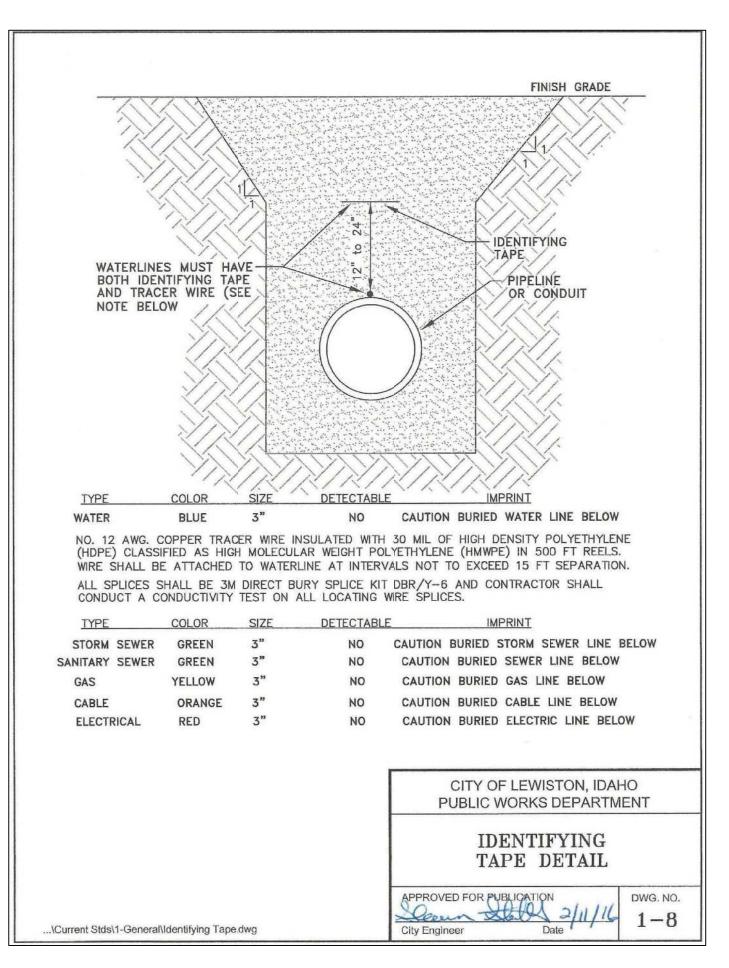


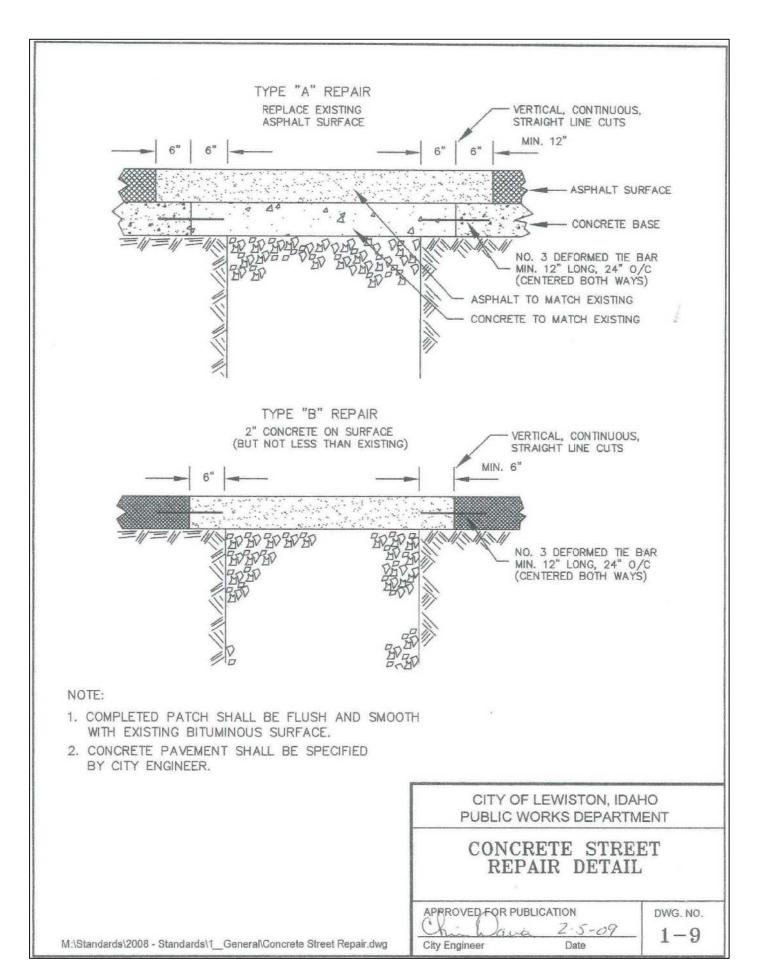


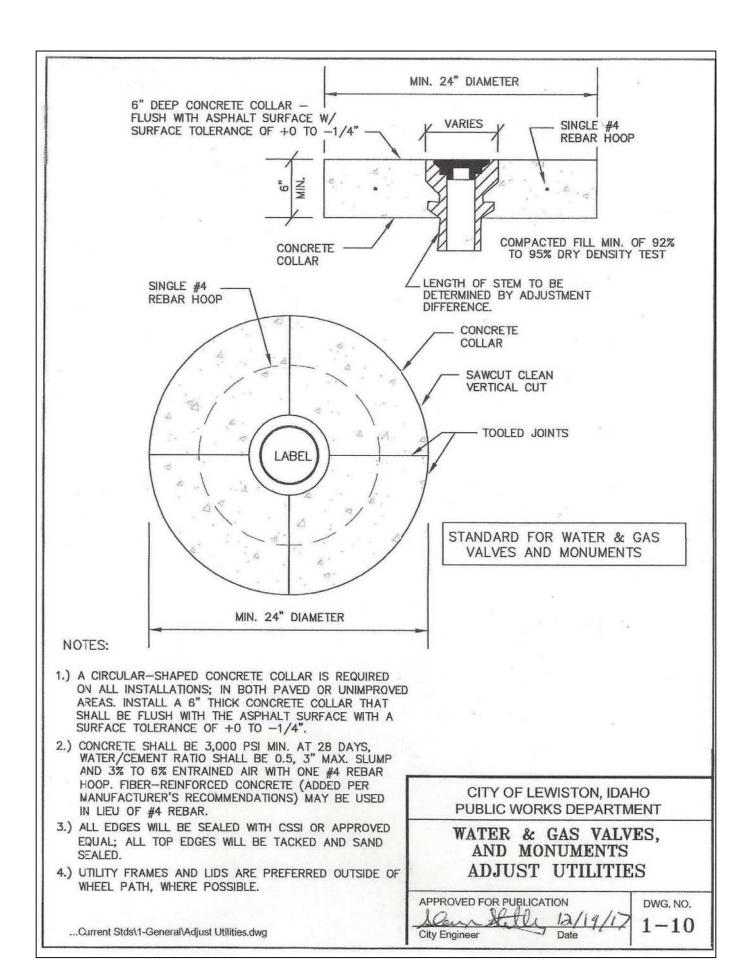


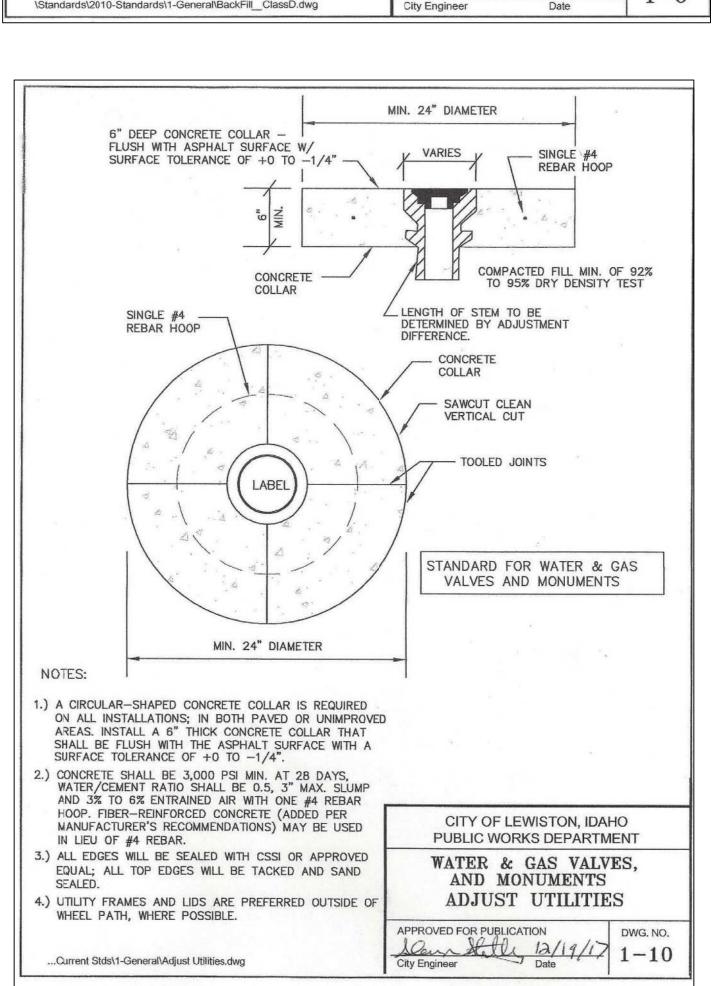








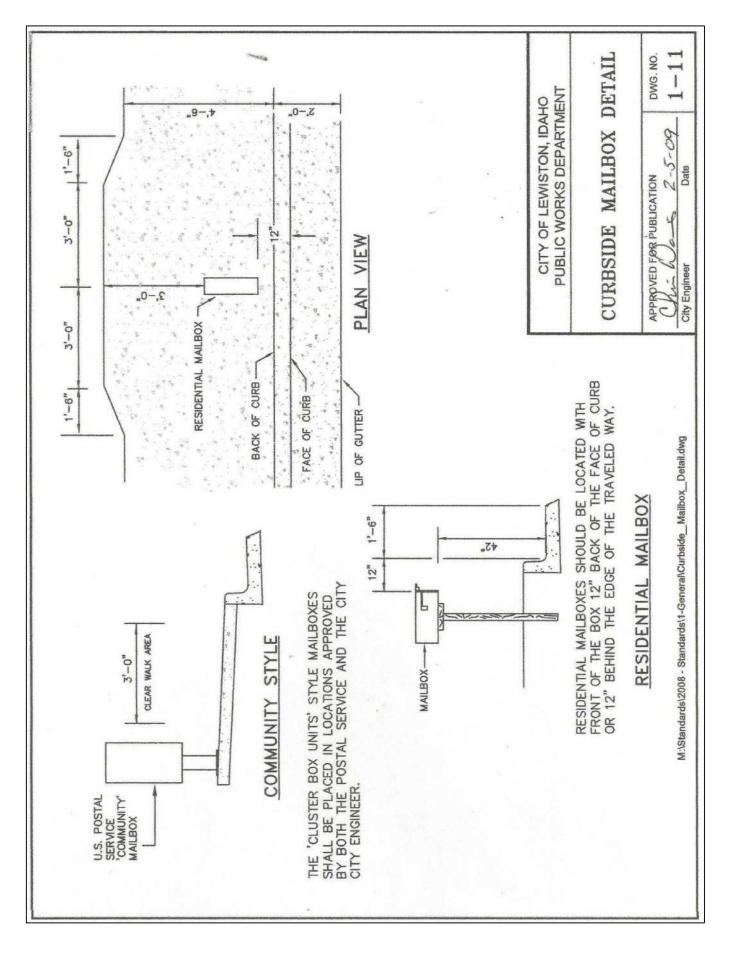


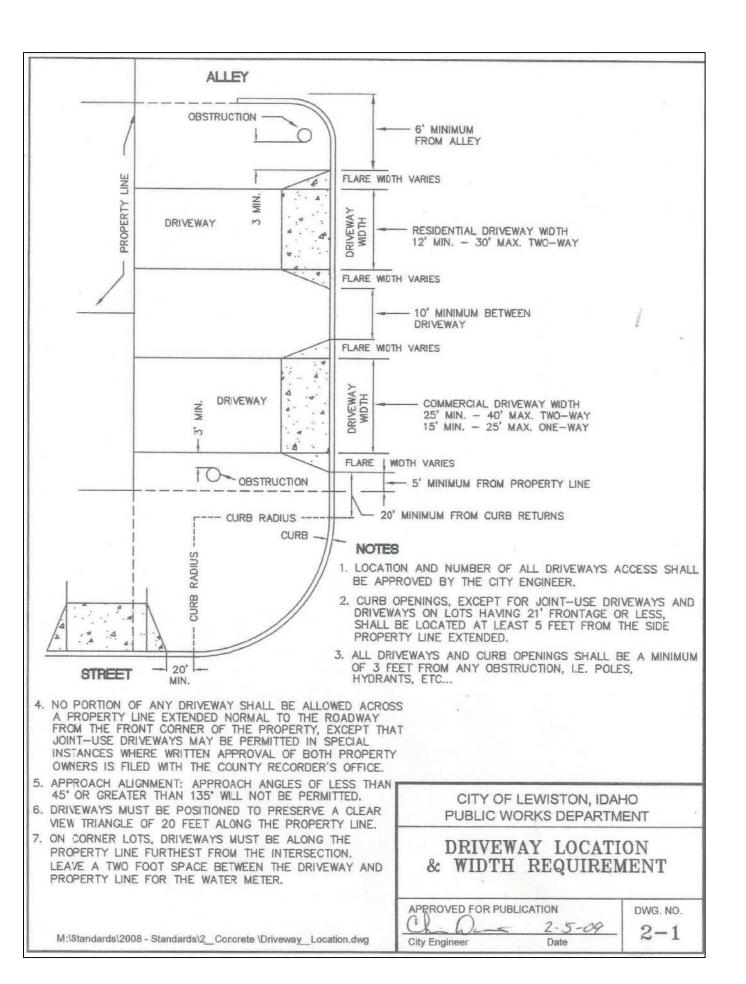


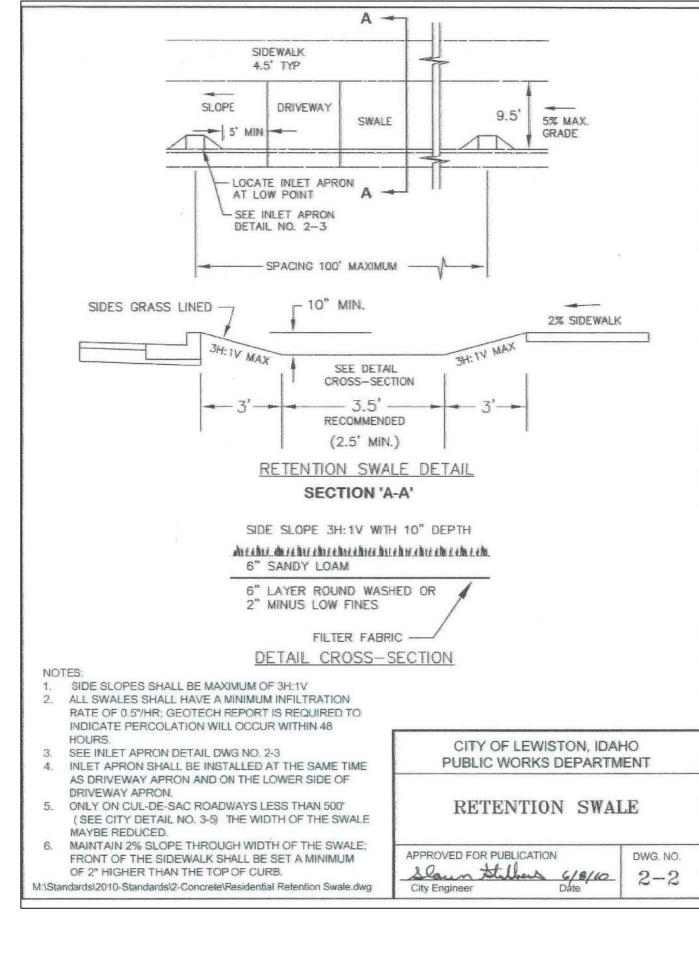


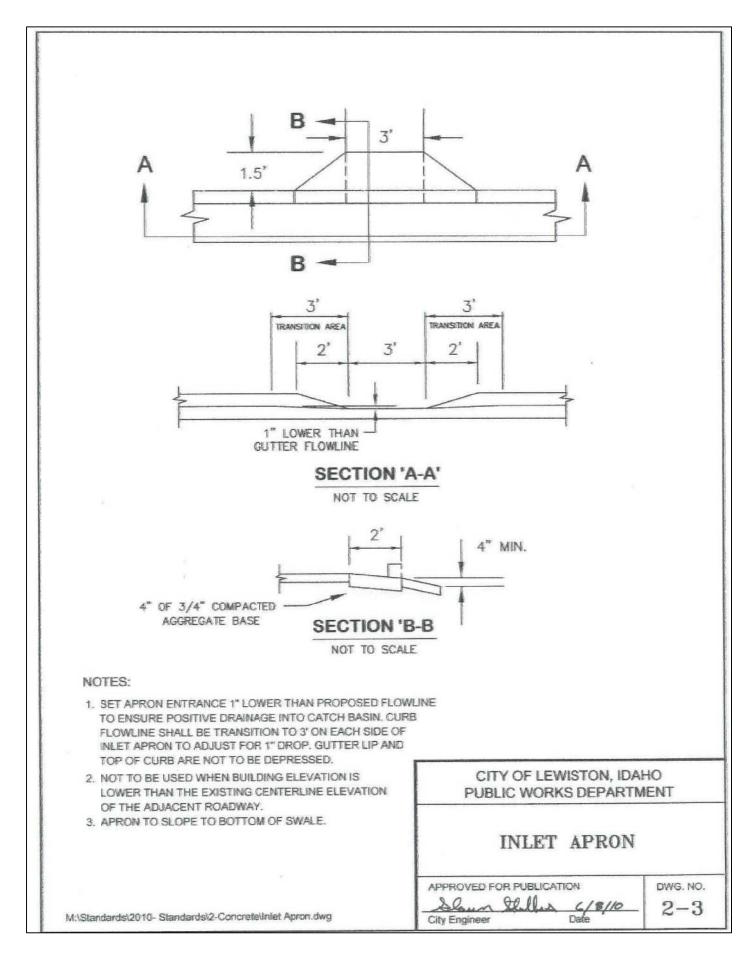
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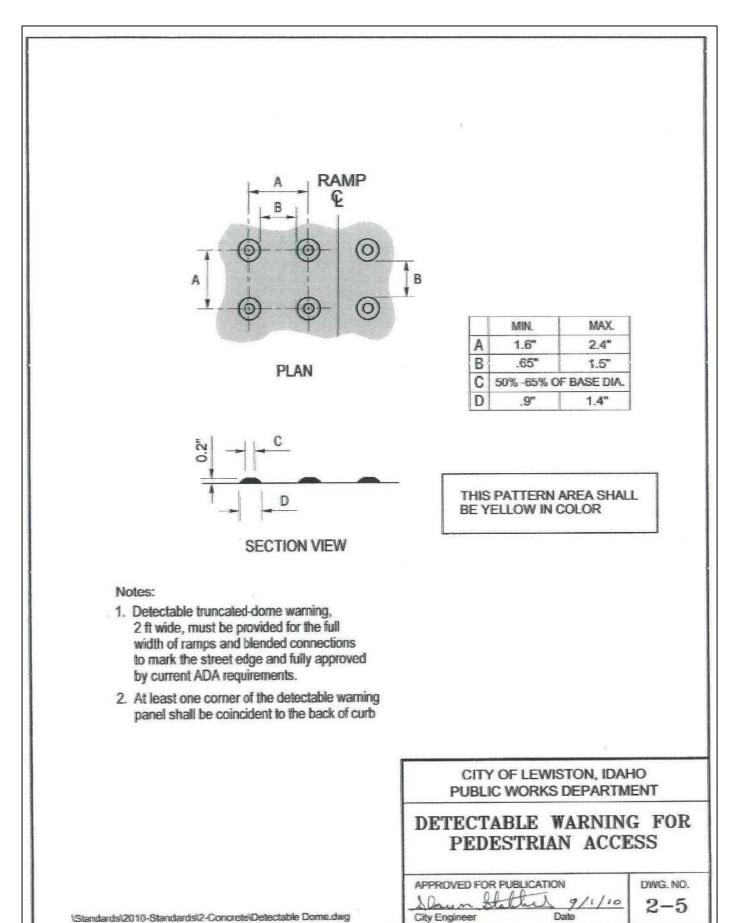
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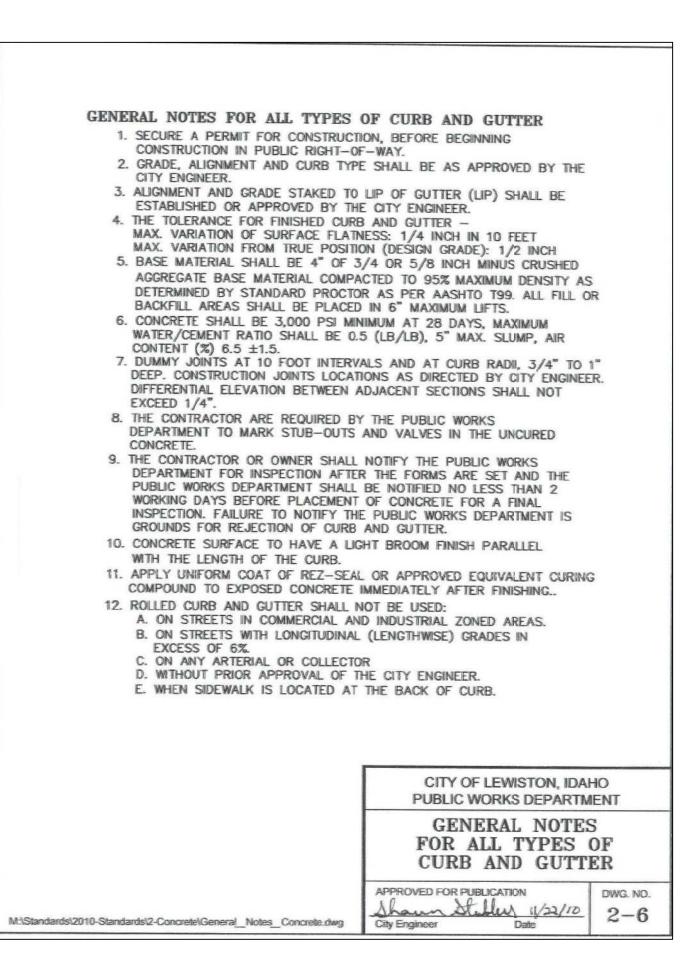


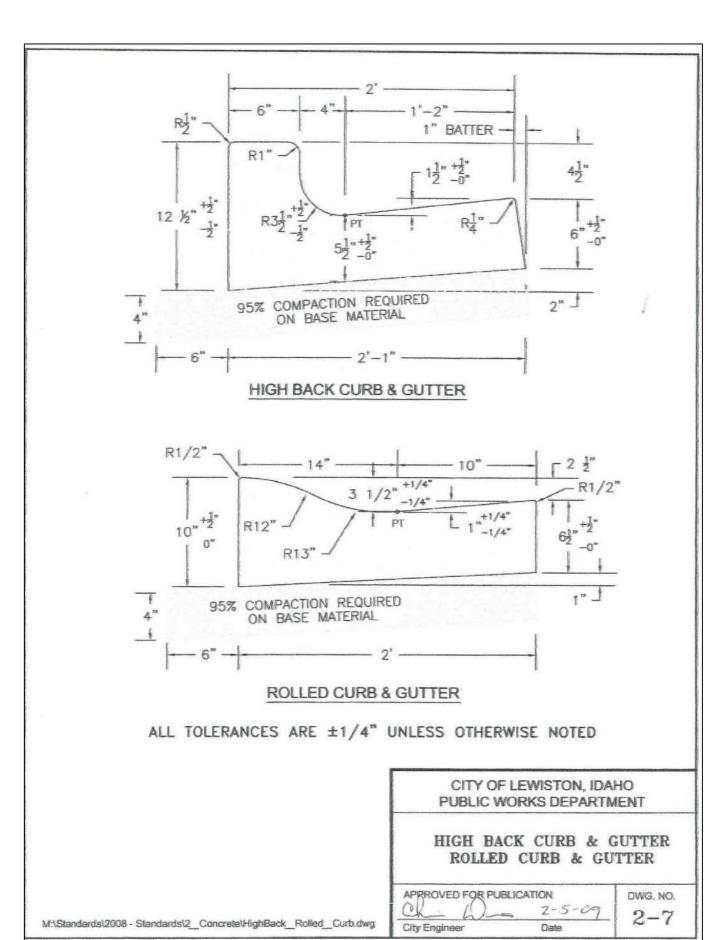


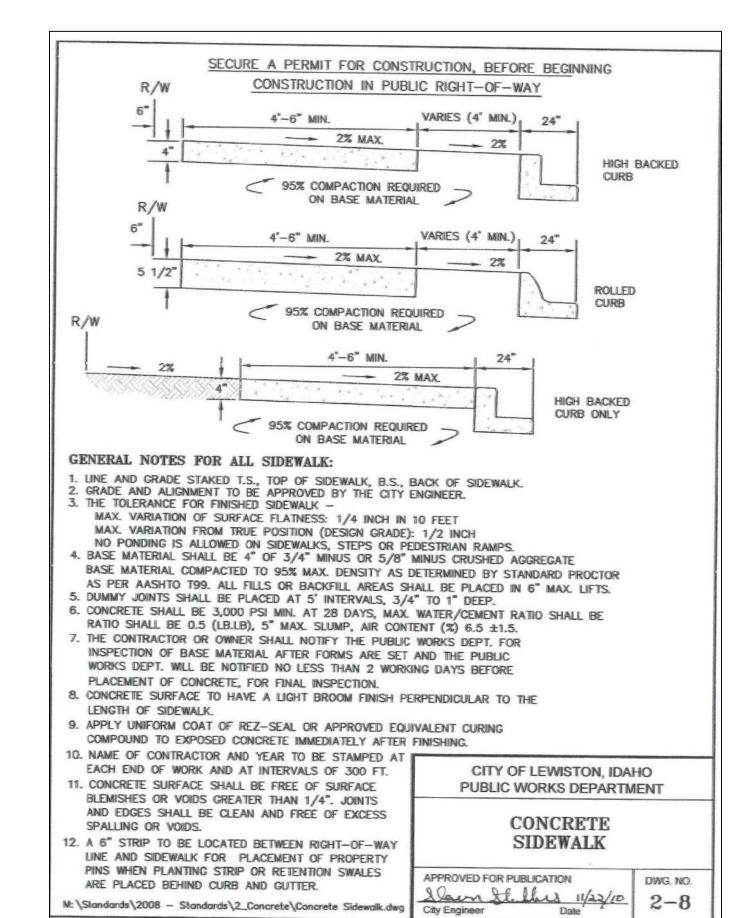


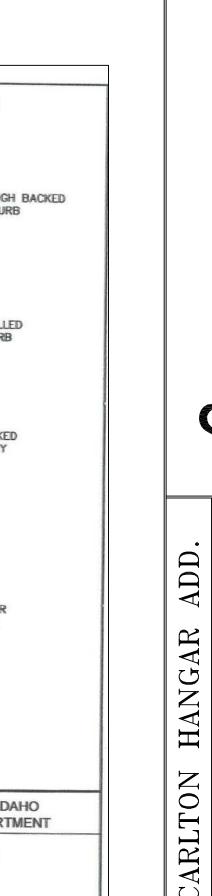






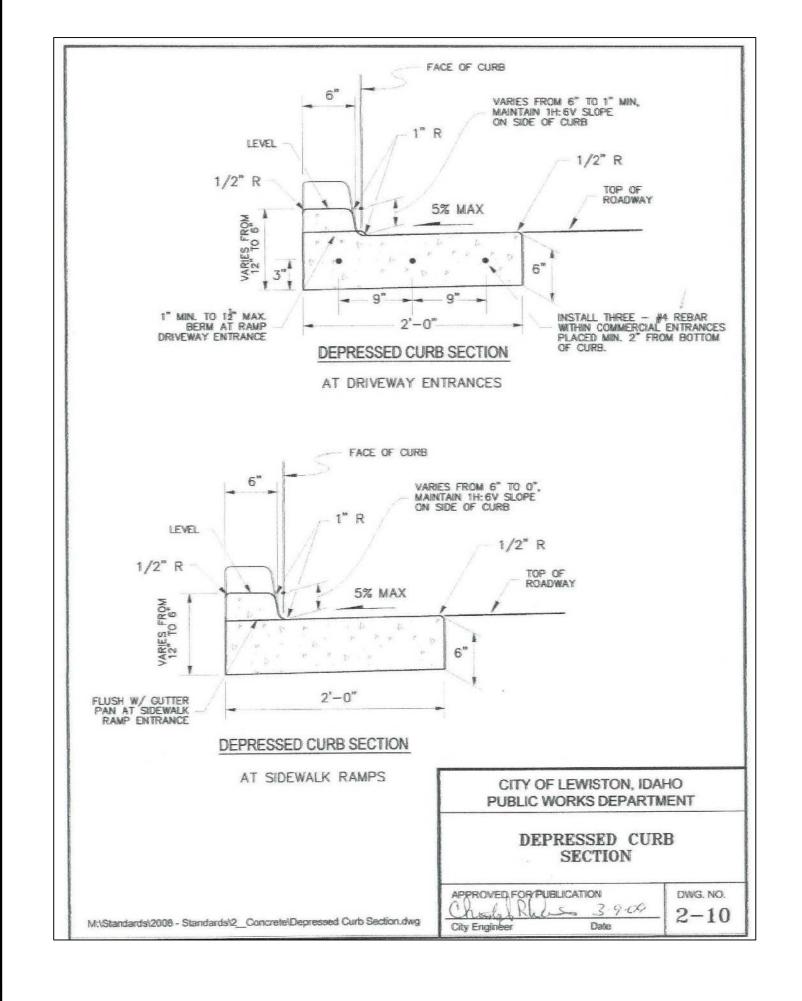


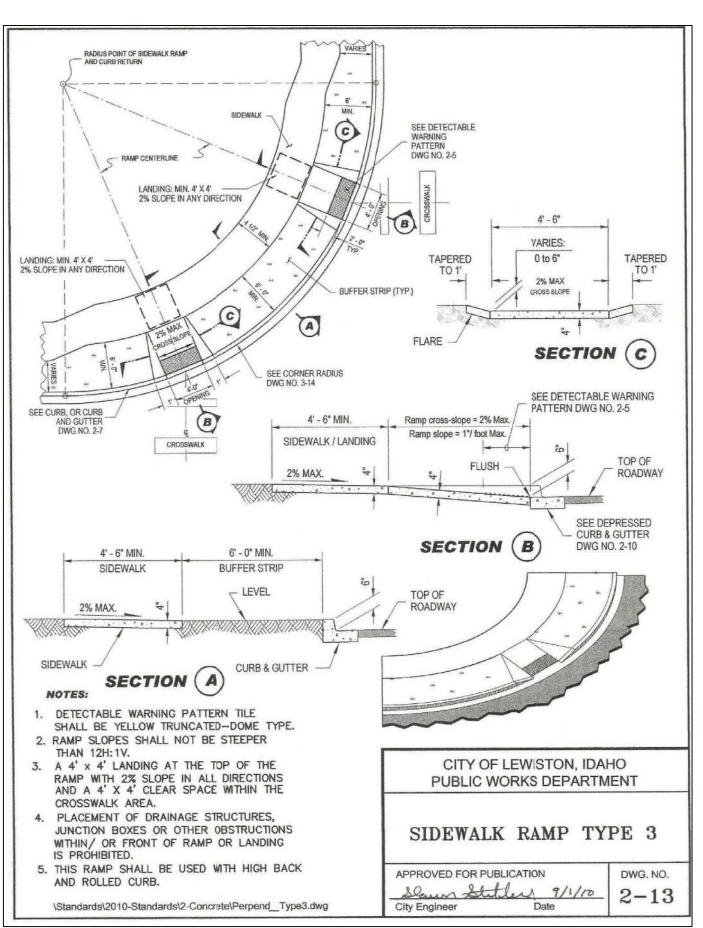


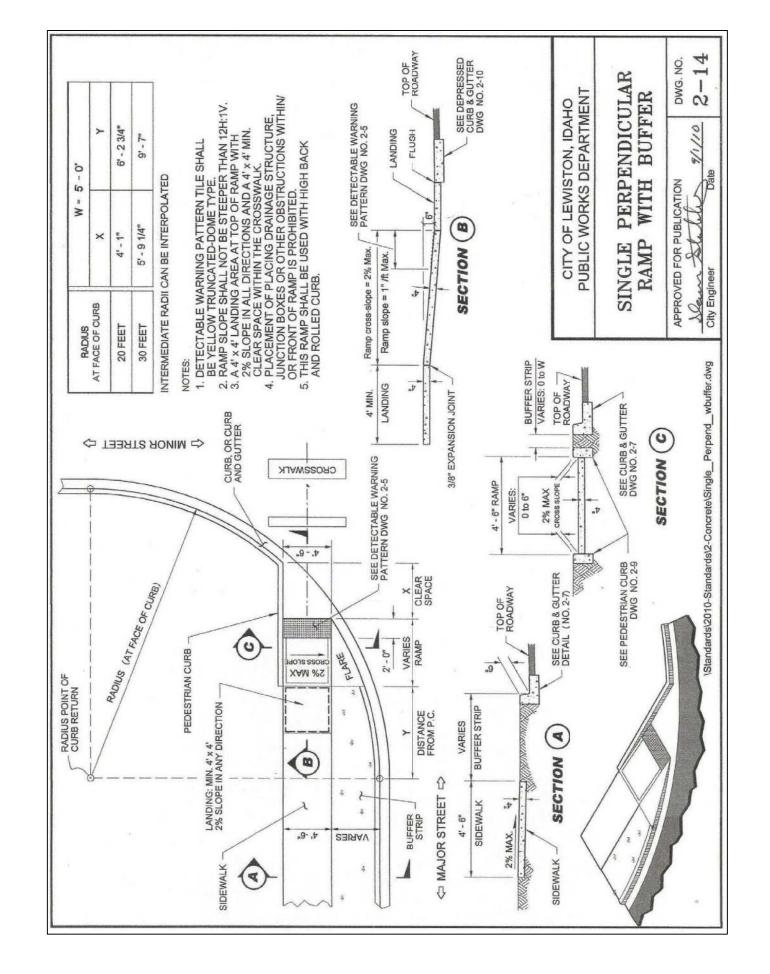


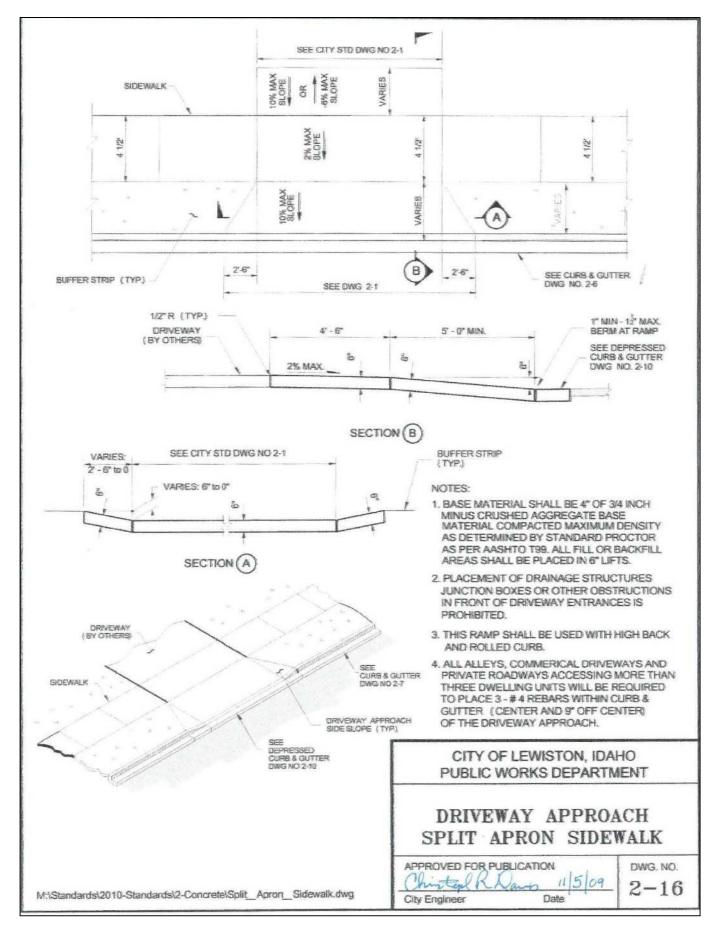
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4TH ST-WARNER/
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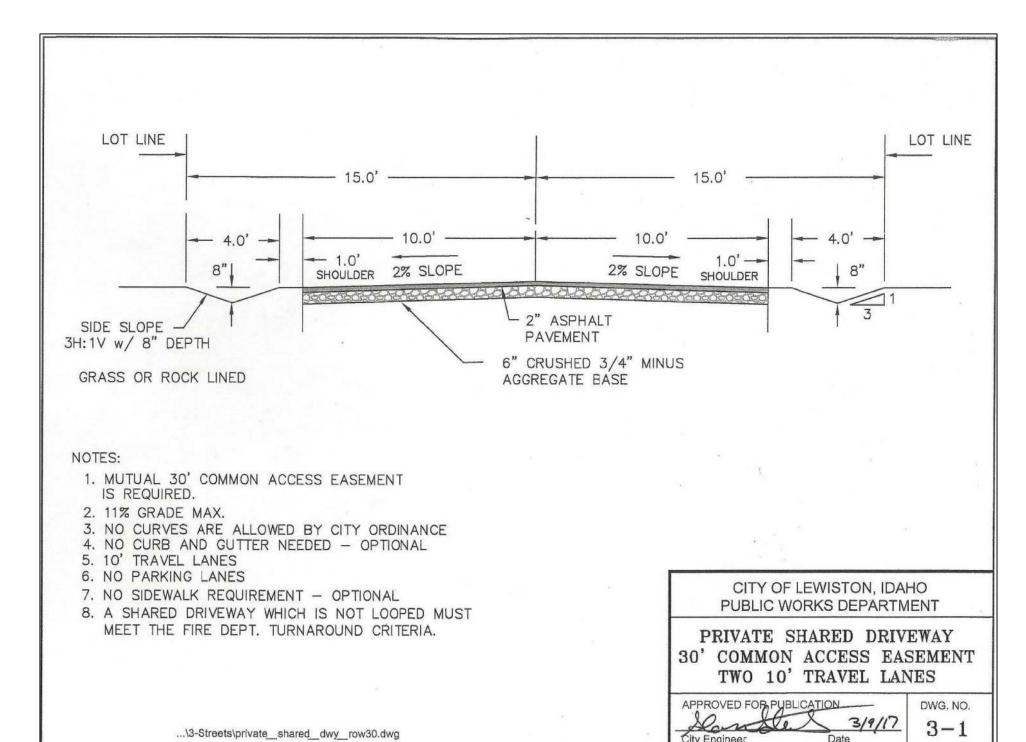
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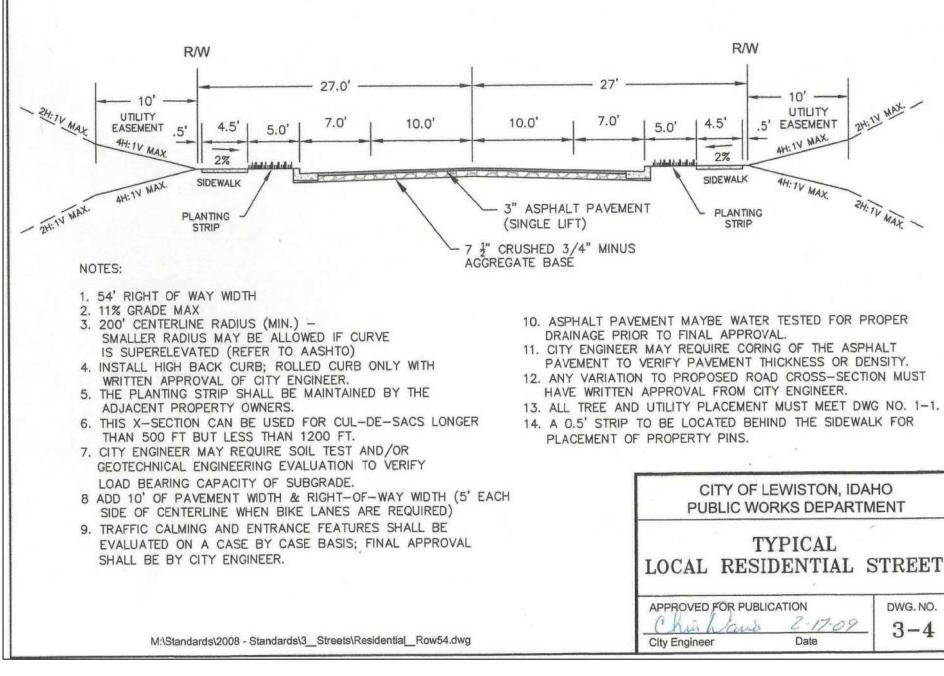


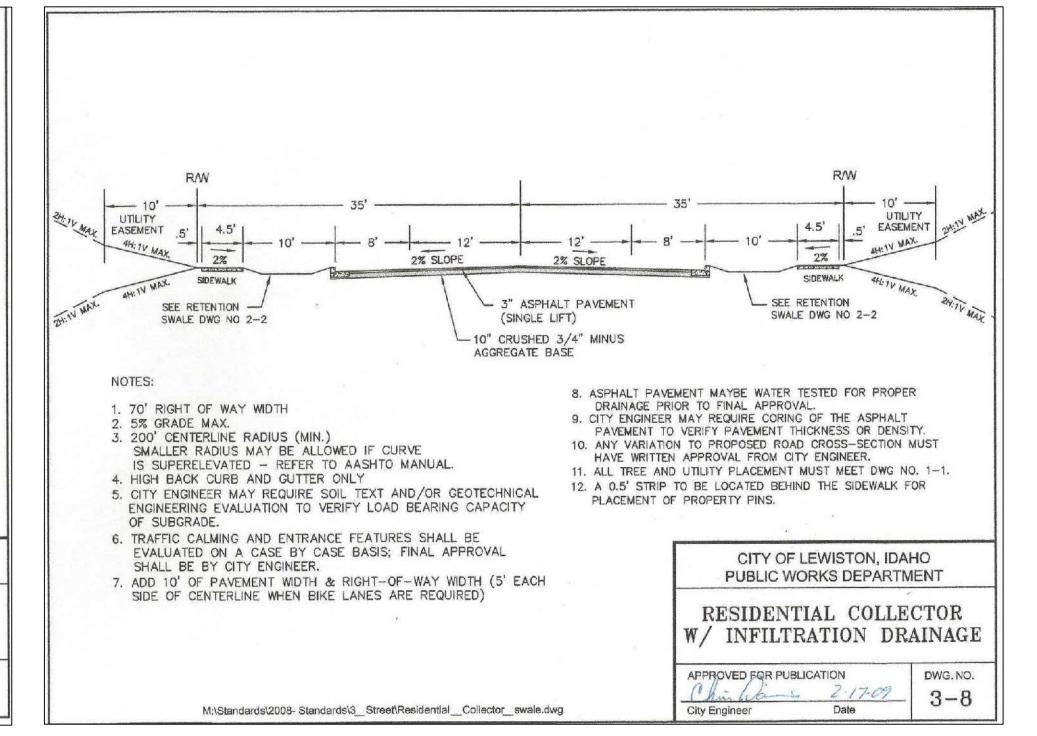


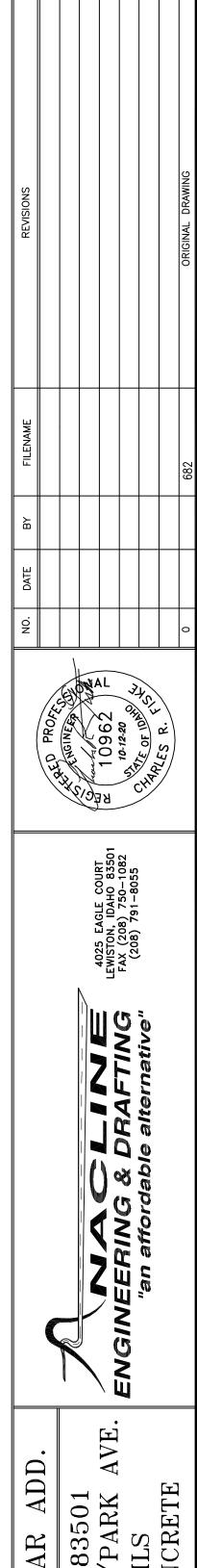












CARLTON HANGAR ADI
LEWISTON ID 83501
4TH ST-WARNER/PARK A
CITY DETAILS
STREET & CONCRETE

DRAWN BY: CHECKED BY: CRF

CRF

CRF

CRF

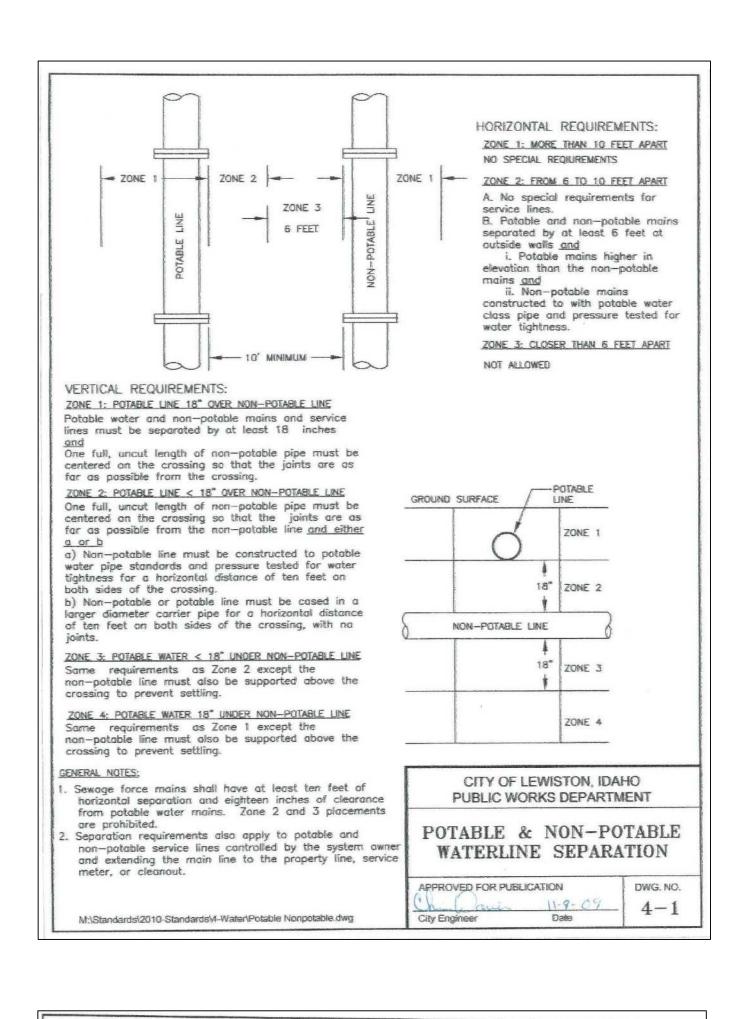
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DATE: 10/12/20

PROJECT NO.: 682

SHEET 19 OF 24



48, WIN' CONER

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CITY OF LEWISTON, IDAHO

PUBLIC WORKS DEPARTMENT

STANDARD

3/4" WATER SERVICE

CONNECTION

Date

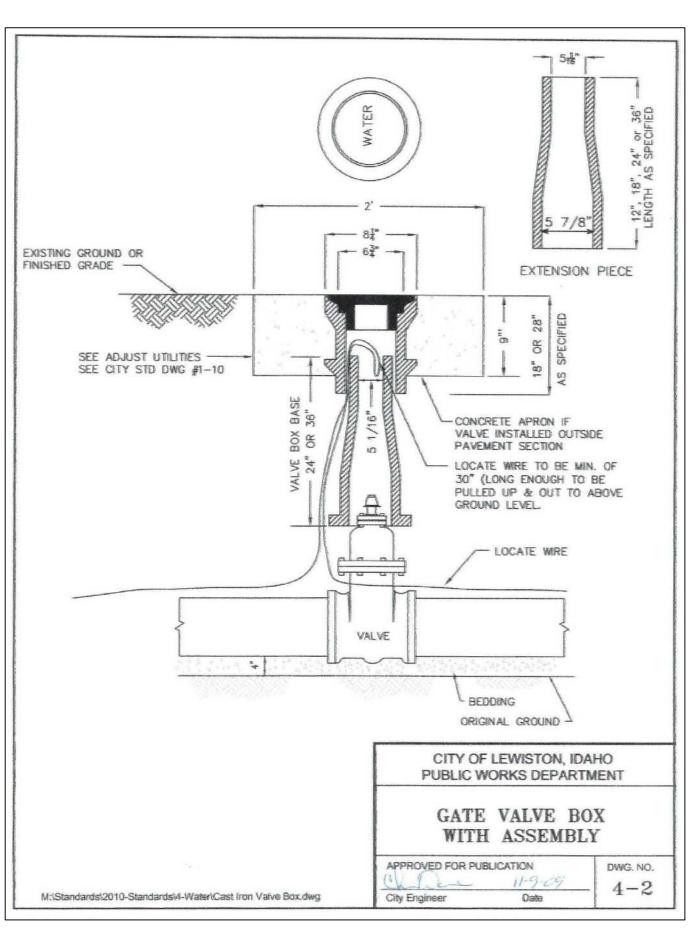
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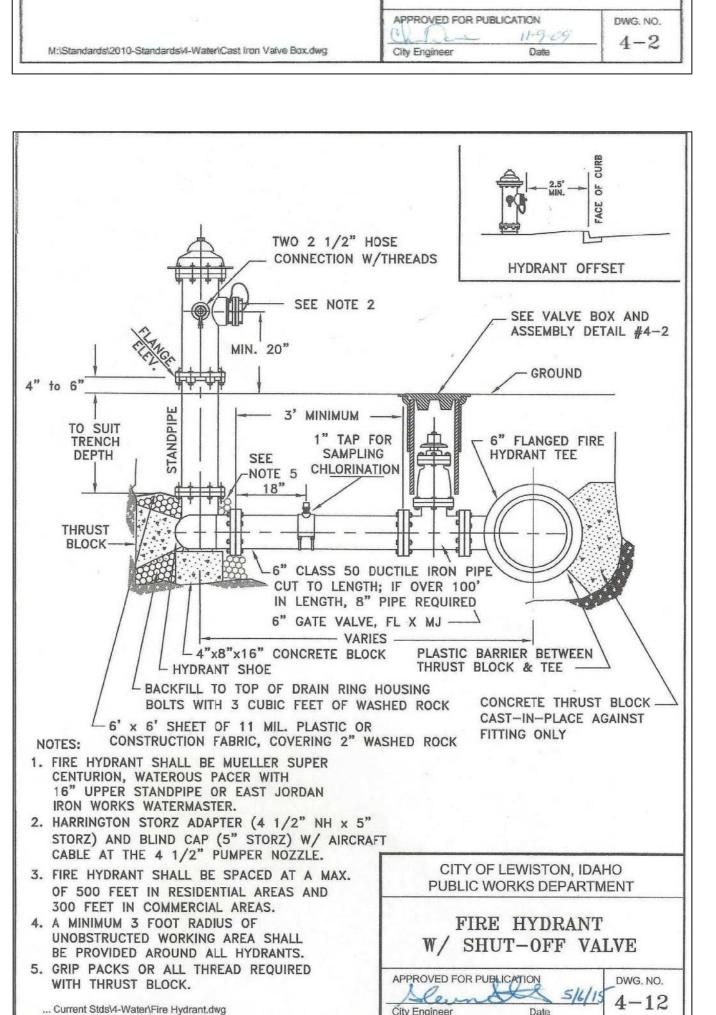
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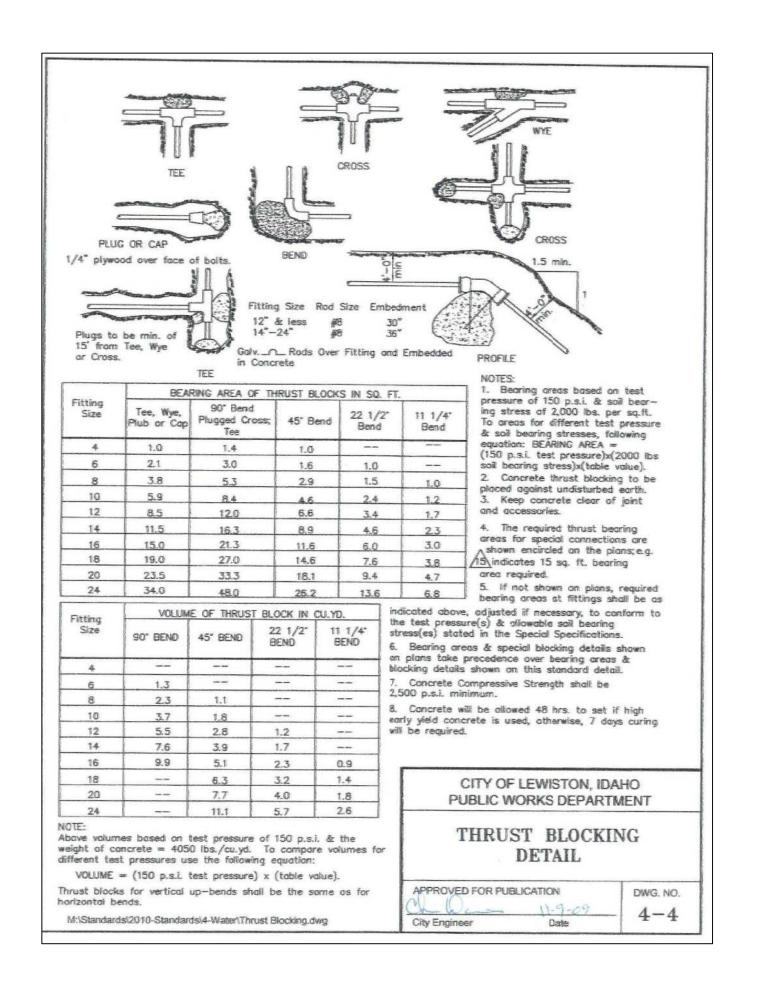
... Current Stds\4-Water\Fire Hydrant.dwg

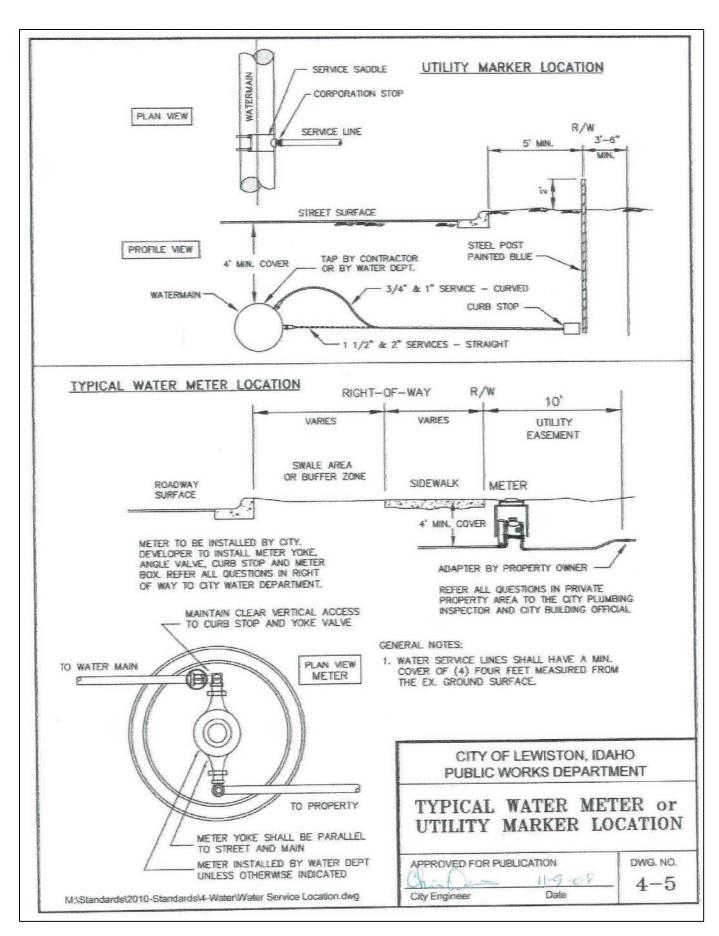
APPROVED FOR PUBLICATION

City Engineer





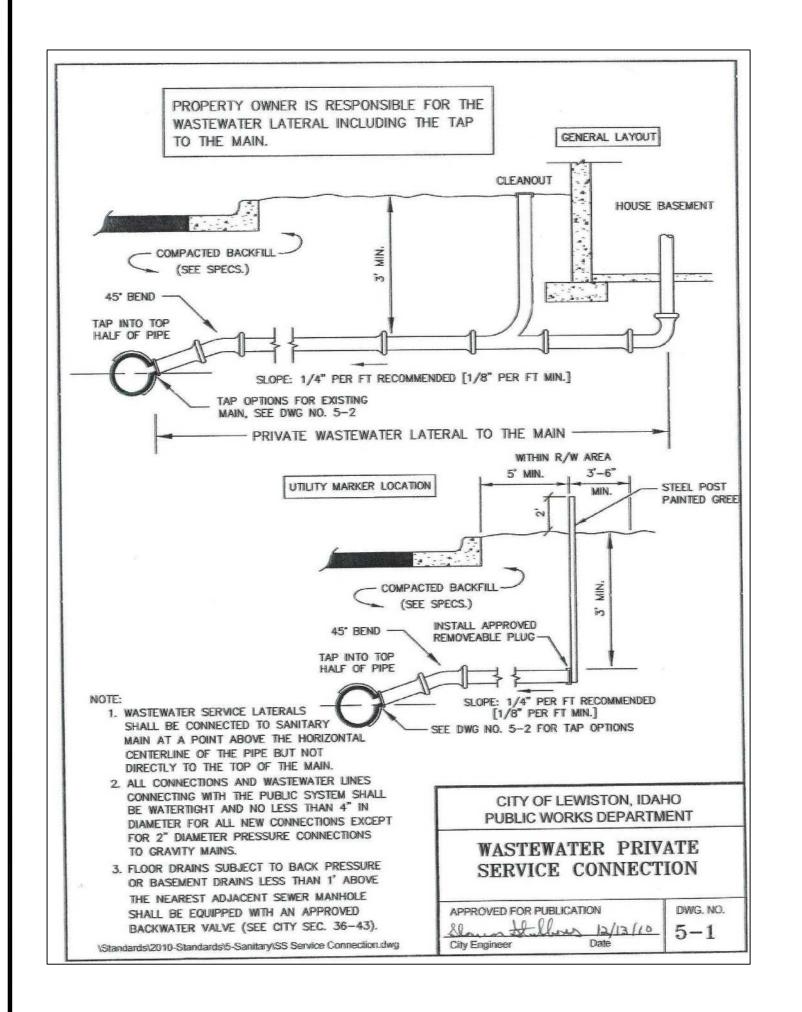


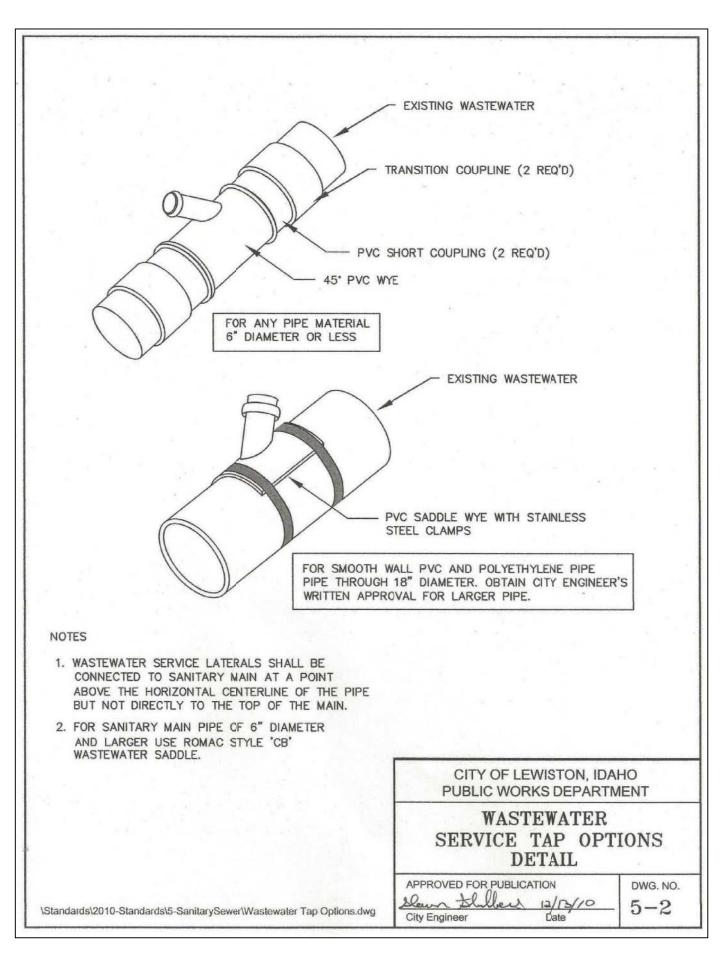


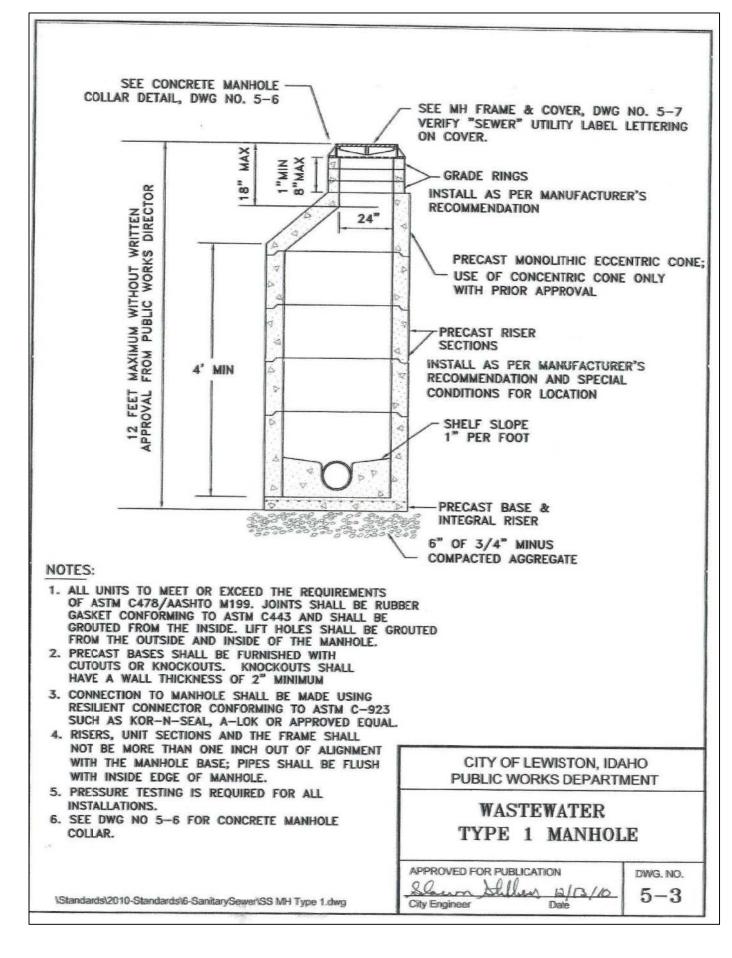


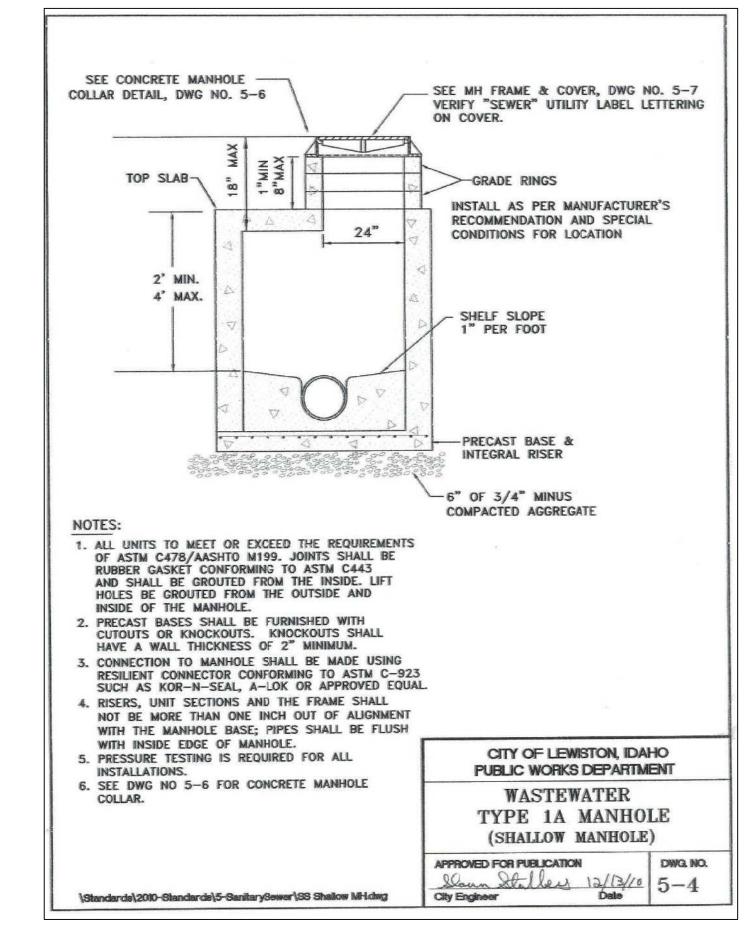
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LEWISTON ID 83501 4TH ST-WARNER/PARK AVE. CITY DETAILS

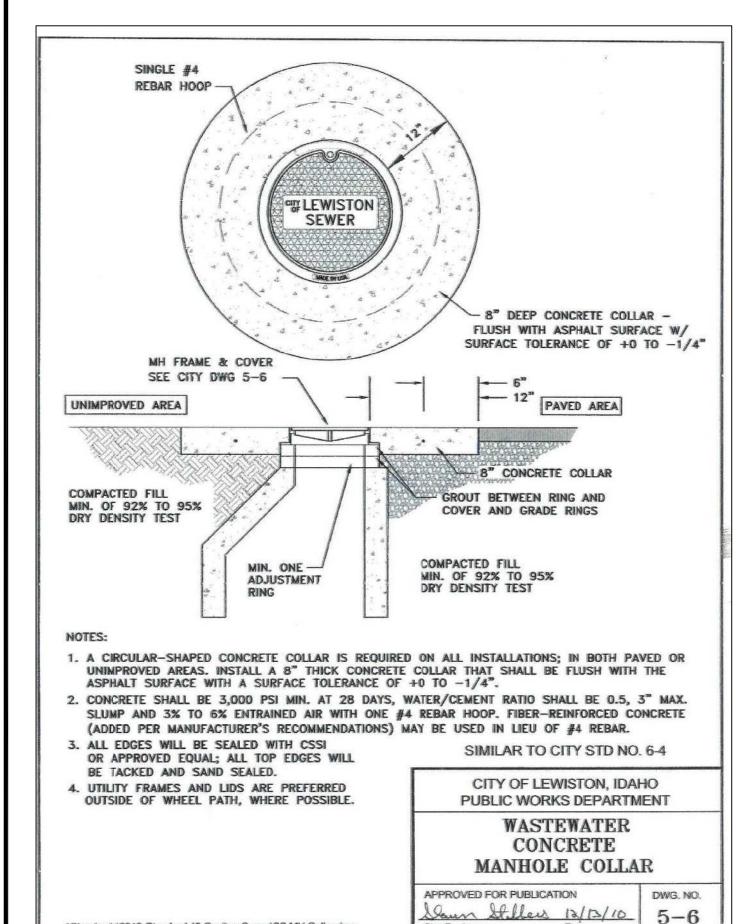
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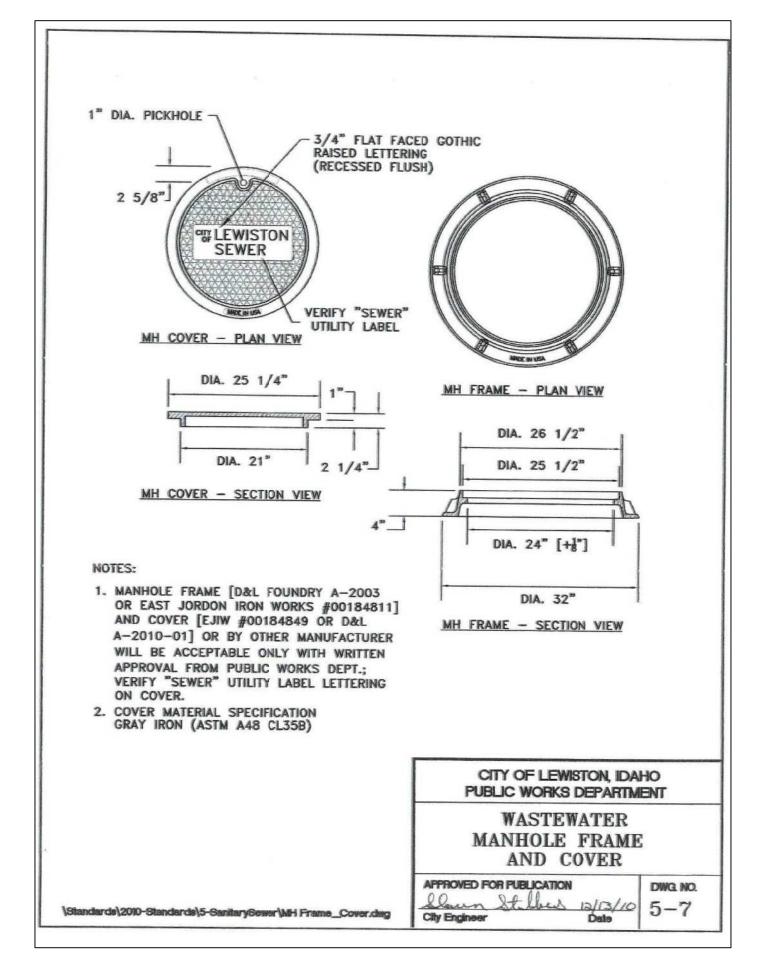


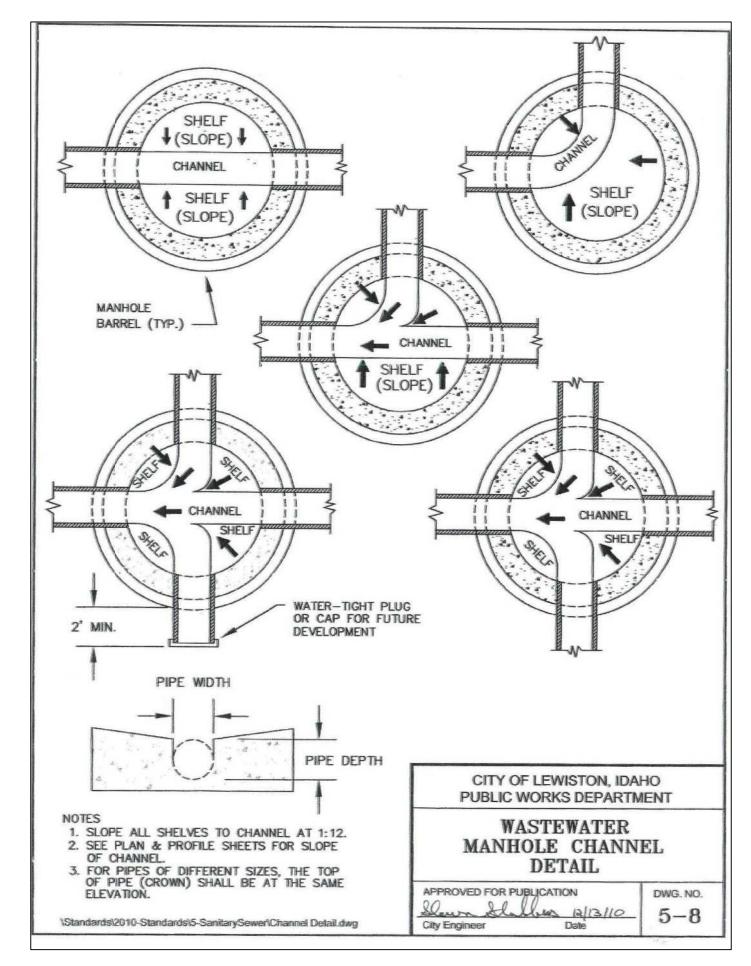






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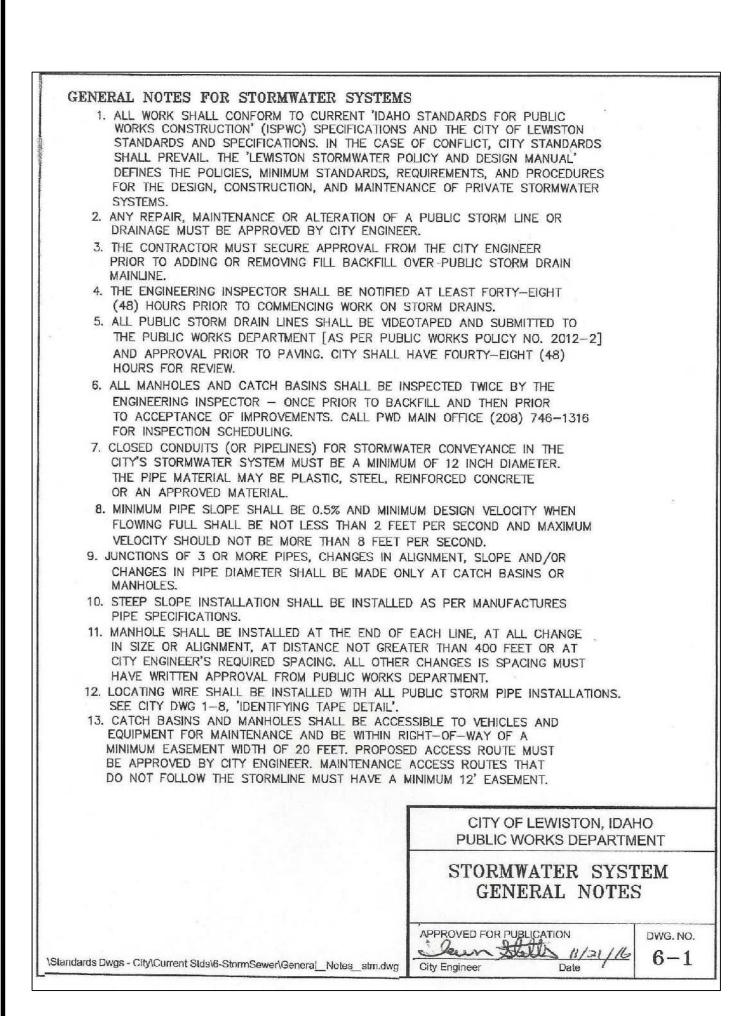
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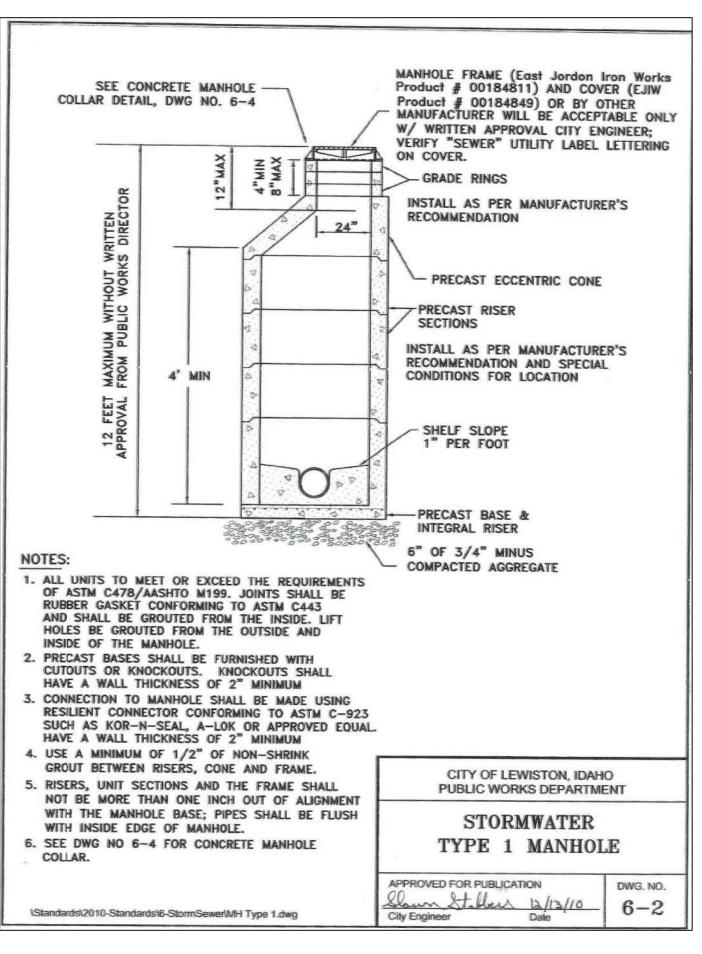
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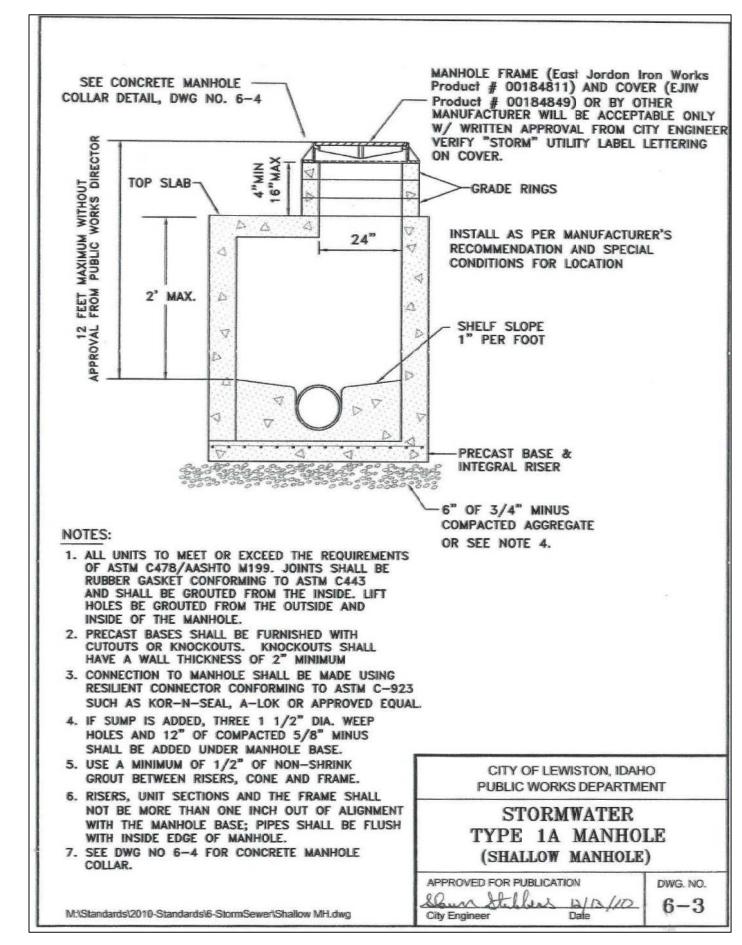
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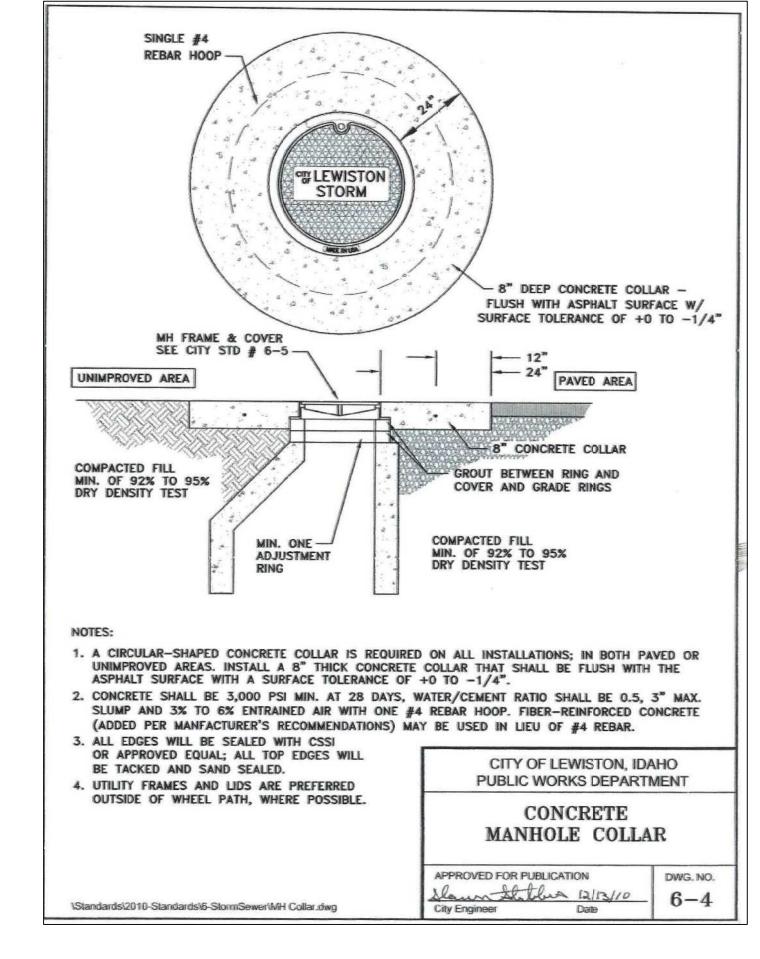
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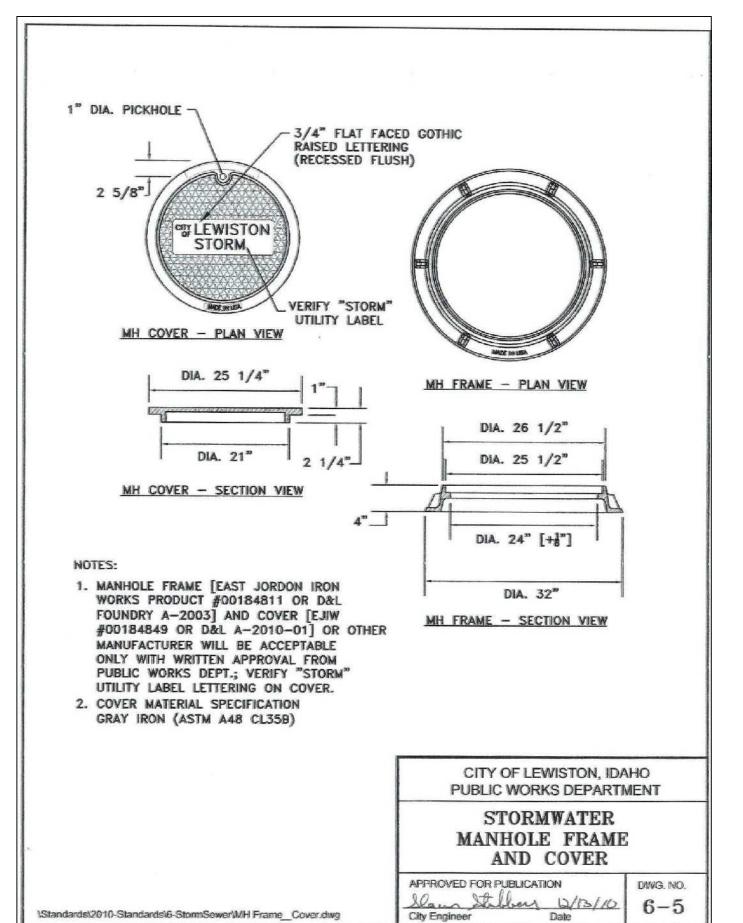
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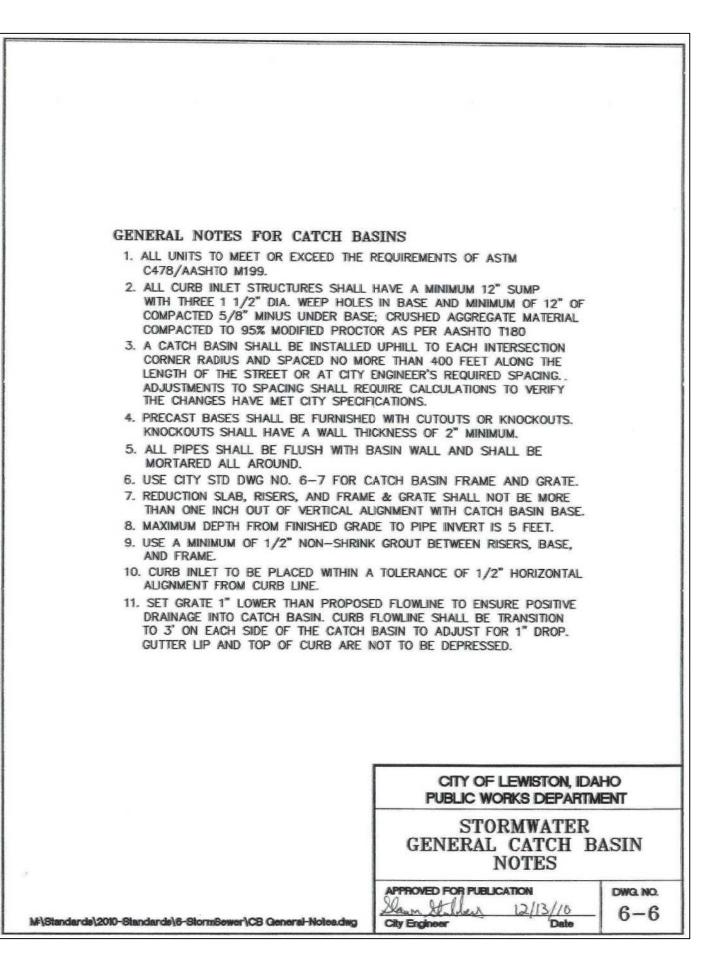


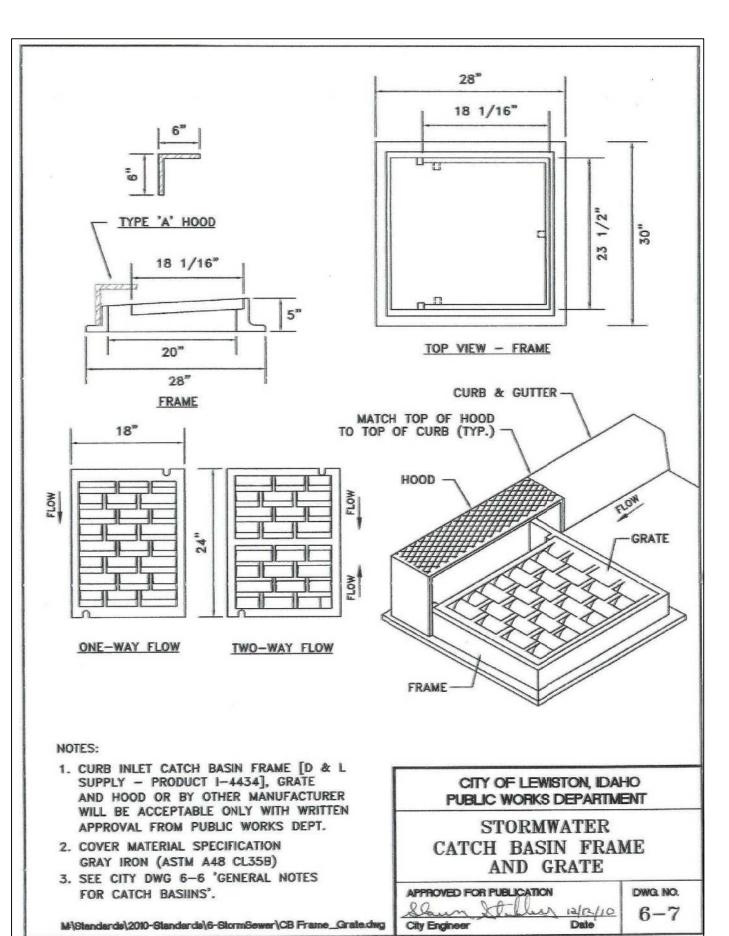


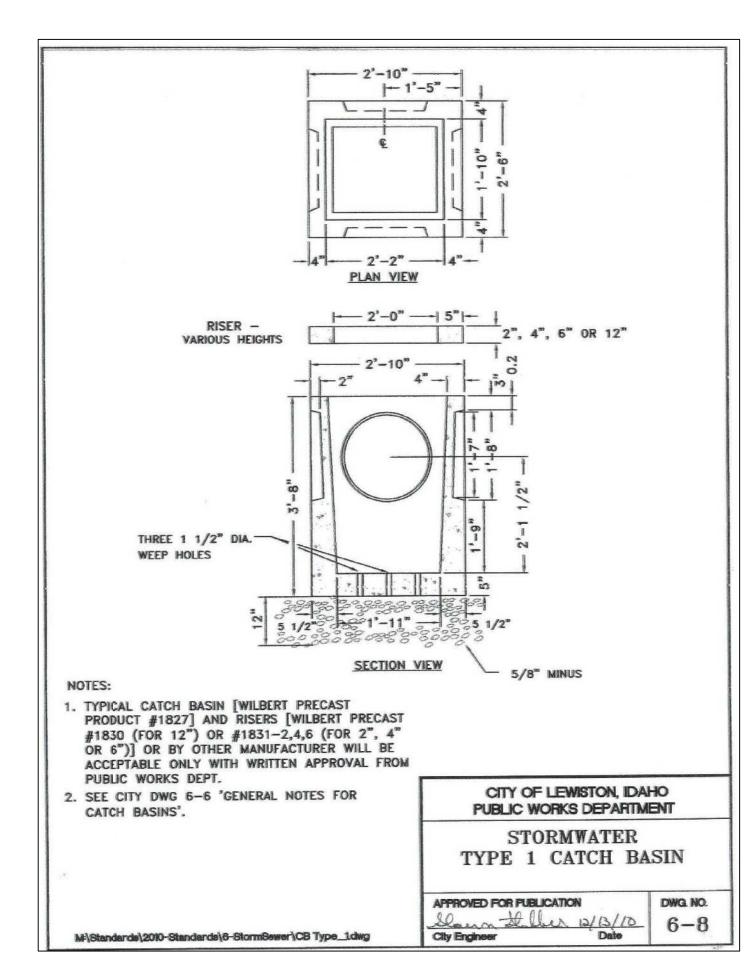


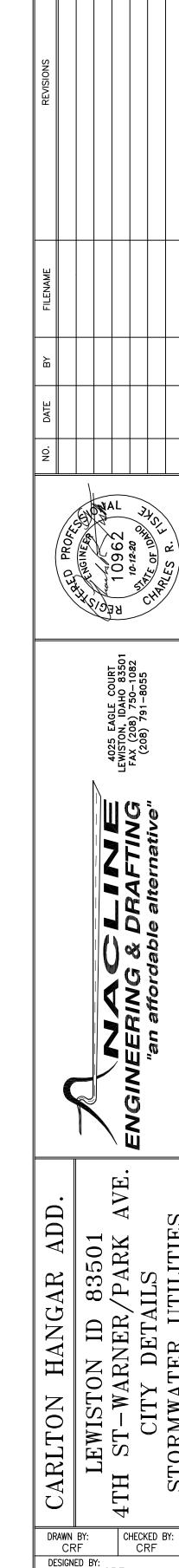


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SHEET 22 OF 24

PROJECT NO.:

ITEM	MATERIAL	iston unless items verified, inspected, and/or tested indicate no TEST / STANDARD	ACCEPTANCE	TEST FREQUENCY	INSPECTOR/CO.
ALL LITH ITV TOPNOUS & CTOUCTURES					HIGH ECTOROC.
ALL UTILITY TRENCHES & STRUCTURES					
RENCH SUBGRADE	Native (6" to 8" Lifts Max.)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	90% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive].	
IPE BEDDING	3/4" minus Crushed Aggregate (6" to 8" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (6" to 8" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive]. Test top 6" of 12" cover.	THE RESERVE OF THE PERSON OF T
st FOOT [12"] OF FILL OVER PIPE	3/4" minus Crushed Aggregate (6" to 8" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (6" to 8" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	One in-place density test every lift per 100 linear feet. If project is less than 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive].	yntetricens mannerake
RENCH BACKFILL UNDER ROPOSED ROAD & SIDEWALK	3/4" minus Crushed Aggregate (6" to 8" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (6" to 8" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	One in-place density test every lift per 100 linear feet, one in-place density test per day OR per lift [whichever test frequency is more restrictive].	
TRUCTURAL FILLS	As Spec'd by Engineer	As Spec'd by Engineer		As Spec'd by Engineer	
CTODA DOAN HADIS		TO SERVICE A CONTROL OF THE PROPERTY OF THE PR			
STORM DRAIN MAINS ASKETED PE Storm Sewer Pipe	Polyethylene, ADS N-12 or Equal	The same of the same state of	Codifical 9 Manual Lance		
LIGNMENT AND GRADE	N/A	Per Manufacturer's Instructions	Certified & Visual by City	Per Plan	Certified & Visual by Cit
DINTS (Deflection/Proper Pipe Embedment)	N/A	Per Manufacturer's Instructions	THE SHEET STREET, SHEET AND	Each Joint	
RESSURE TEST	N/A	4 PSI for 15 Minutes, 1/2 PSI Drop	If required by City Engineer	Between Access Holes	
ANHOLES	Concrete	City Standard			Certified & Visual by City
DEO INSPECTION	N/A		Public Works Policy No 2012-2		7,000
WATER MAINS			TASKED SENSON STATESTAND	THE LINE OF THE PARTY OF THE PA	
	AWWA C-151, C-900, C-905 (Class as Req'd)		Outlead 8 May all to 015		
	N/A	AWWA C-600, AWWA C-605	Certified & Visual by City		Certified & Visual by City
DINTS (Deflection/Proper Pipe Embedment)	N/A	AWWA C-600, AWWA C-605	Len gerenne e	Per Plan Each Joint	
	Concrete, 2500 PSI Mix	Per Approved Plans/or City Std Dwg # 4-4	THE RESERVE OF THE PARTY OF THE	Planta Control	Certified & Visual by City
	t i				Certified & Visual by City
YDROSTATIC PRESSURE	N/A	2 Hrs, NTE Allowable Leakage Per AWWA C-600, AWWA C-605	•	150% Working Pressure OR 1½ times the Working Pressure in the Water System	
HLORINATION/BACTERIA	N/A	AWWA C-651		Bacterial Testing: two negative testing samples 24 hours	City of Lewiston
WASTEWATER MAINS					*****
/C WASTEWATER MAIN	PVC, SDR 35	ASTM 3034		N/A	
	N/A	N/A		Per Plan	
	N/A Concrete	Per Manufacturer's Instructions	A STATE OF THE STA	Each Joint	
	Concrete N/A	Hydrostatic Test 4 PSI for 15 Minutes, 1/2 PSI Drop		Each Joint	
DEO INSPECTION	N/A		Public Works Policy No 2012-2	Between Access Holes Between Access Holes	Received and the second
ections 5 thru 11 on Page 2 of 2		7.7	7777 (454 ) 254 (454 )	311.13000 11000	
te Last: Revised December 2017		·	The water of the Control of the Cont		
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will be th	e responsibility of the City of Lewiston unless	I party verification, inspection, and/or testing prior to sitems verified, inspected, and/or tested indicate no	inirastructure acceptance. Paymer	it for the services of 3rd party	
ITEM	MATERIAL	TEST / STANDARD	ACCEPTANCE	TEST FREQUENCY	INSPECTOR/CO.
5. CONCRETE CURB, GUTTER & SIDEWALK					
CONCRETE	CLASS 35B - Approved Mix Design Required with Min Cement Content of 560 Lb/CY, Max Water/ Cement Ratio of .44, a WRA, and an AEA	AASHTO T-22 Compressive Strength of Concrete AASHTO T-23 Making Test Specimens AASHTO T-119 Slump of Hydraulic Cement Concrete AASHTO T-152 Air Content of Freshly Mixed Concrete AASHTO T-309 Temperature of Freshly Mixed Concrete WAQTC TM-2 Sampling Freshly Mixed Concrete	Min. 28 day Compressive Strength = 3000 psi; Water/Cement Ratio shall be 0.5 lb/lb Max. Slump = 5 inches Air Content Percent = 6.5% ± 1.5 Temperature = 50°F - 80°F	1 of Each Test Minimum per Day, o 1 of Each Test per 50 CY	r
CRUSHED AGGREGATE BASE COURSE	3/4" minus Crushed Aggregate (4" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (4" Max. Lift) (Current WDOT/M41-10 Spec 9-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density	1 Tests Per 500 LF-Min 2 Tests	
ALIGNMENT AND GRADE	N/A	Visual	± 0.02' from Design Grade/Alignment	Per 10' Section	City Approval
JOINTS/FLATNESS/STRAIGHTNESS FINISH	N/A N/A	Visual Visual	± 0.02'/10' Segment	Per 10' Section	
FINISH	IN/A	Visual	Floated, Uniform, Light Broom Finish	Entire Surface Area	-
6. ASPHALTIC CONCRETE PAVING		to question of the second of t			<del> </del>
SUPERPAVE HOT MIX ASPHALT	tons. The City of Lewiston reserves the right to request a pre-pave meeting for projects with 200 tons or less.	determine in-place density during production, cores will be taken for final density and thickness determination. When a correlated gauge is used for production testing, cores will be taken for thickness determination only. Core quantities and locations to be determined by the City of Lewiston.	All Projects Regardless of Tonnage In-Place Density - 92-96% of Maximum Theoretical (When acceptance will be from correlated gauge, contractor must submit documentation showing gauge correlation to proposed bituminous mixture used.)	Project 200 tons or less - Minumum of 1 test (asphalt content, and gradation) per project. A minimum of 2 cores will be taken to determine final thickness and/ or density.  Projects 200 tons or more - Minimum of 1 test (asphalt content, gradation, voids, and VMA) per 750 tons or, one per day. A minimum of 5 cores will be taken to determine final thickness and/or density. Random sampling locations determined by the City of Lewiston.  The City of Lewiston reserves the right for 3rd party verification, inspections, and/or testing prior to infrastructure acceptance.	Company & Ala
CRUSHED AGGREGATE BASE COURSE	Gutter & Sidewalk	STATE CANDING CONSTRUCTION OF THE PROPERTY OF	20 1975 ANT	en. par e Profesio (nipi sati) 195 p re asumb dimini 315 si	8:36 ti 103
7. EROSION & SEDIMENT CONTROLS	Per Approved Plan	Per Plan and Manufacturers' Instructions	8	1/Wk or After Every Rainfall	
B. TRAFFIC CONTROL	Per Approved Plan	Current Adopted MUTCD/ATSSA	june 150	Continuous	
	contraction of Agency and the Contraction of the Co	City Resolution #80-100	Certified & Visual by City		Certified & Visual by City - Underground infrastructure elements must be approved by City prior to backfill.
10. RECORD DRAWINGS	AutoCAD Elect File, Bond Paper, 22" x 34" Min Size	City Checklist	to over the prompt	Before Public Improvements Accepted	SHEET SELECTION
Date Last: Revised December 2017				CONSIDER TO STATE OF THE STATE	
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#### City Standards Disclaimer

Public Works attempts to achieve maximum uniformity of construction and engineering practices within the City of Lewiston. These are minimum standards and are intended to assist, but not to substitute for work by engineering and design professionals. Special conditions or environmental constraints may require more stringent design than would normally be required under these Standards. It is not the intent of the City to limit any innovative effort that could result in a superior project design. A proposed design, which is different from these Public Works Standards, will be evaluated on the basis that the proposed design will produce a comparable or superior result, and in every way adequate for the user, the City, and the Public.

#### **Deviations from Adopted City Standards**

Deviation from these Standards may be granted by the Public Works Director [PWD] upon written evidence from the Project Engineer that the proposed deviation does not conflict with or modify a condition of approval and

- deviations are based upon sound engineering principles, and
- deviations meet requirements for safety, function, appearance, and maintainability.

A request for approval of a deviation to a standard must be submitted in writing to the PWD. The applicant shall present supporting information that would justify approval of the request in terms of the above criteria. The directors of the appropriate departments or the authorized representatives shall approve or deny the request based upon these criteria.

Desired deviations must be approved before utility/road plans are approved. Deviations must also be approved before commercial building permits are issued. The PWD may apply conditions to the approval of design deviations.

#### **City Specifications**

The City of Lewiston has adopted the following specifications. If information provided in these specifications differs from the information provided in the adopted City Standards Drawings, the City Standard Drawing shall take precedence.

2015 Idaho Standards for Public Works Construction (ISPWC), Idaho Code (IDAPA) 58.01.16 – Wastewater Rules (<a href="http://adminrules.idaholgov/rules/current/58/0116.pdf">http://adminrules.idaholgov/rules/current/58/0116.pdf</a>) and Idaho Code 58.01.01 Idaho Rules for public Drinking Water Systems (<a href="http://adminrules.idaho.gov/rules/current/58/0180.pdf">http://adminrules.idaho.gov/rules/current/58/0180.pdf</a>);

The City of Lewiston has adopted the design manuals listed below. If information provided in these design manuals differ from adopted City Standard Drawings, the City Standard Drawings shall take precedence.

Idaho Transportation Department (ITD) Standard Drawings and Roadway Design Manual (as found at <a href="http://itd.idaho.gov/manuals/ManualsOnline.htm">http://itd.idaho.gov/manuals/ManualsOnline.htm</a>); 2011 American Traffic Safety Services Association- "The Green Book" (AASHTO) 6<sup>th</sup> Edition and 2009 Manual on Uniform Traffic Control Devices (MUTCD) with Revision 1 & 2 May 2012 (<a href="http://itd.idaho.gov/manuals/ManualsOnline.htm">http://itd.idaho.gov/manuals/ManualsOnline.htm</a> with Idaho Exceptions). State of Idaho,

M:\ADMINISTRATIVE\Codes-Stnds-Specs\Standards Dwgs - City\Current Stds\2015 - City Stds Disclaimer PLUS.doc

Dept. of Environmental Quality; Catalog of Stormwater Best Management Practices for Idaho Cities and Counties, 2005

(http://www.deq.idaho.gov/media/622263-Stormwater.pdf)

Publications not found on the Internet are available in the Public Works' Library for viewing but not for checkout; please call (208) 746-1316 for appointment or stop-by at 215 'D' Street.

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

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CARLTON HANGAR ADD.

LEWISTON ID 83501
4TH ST-WARNER/PARK AVE.
CITY INSPECTION & TESTING
CITY STANDARD DISCLAIMER

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CRF

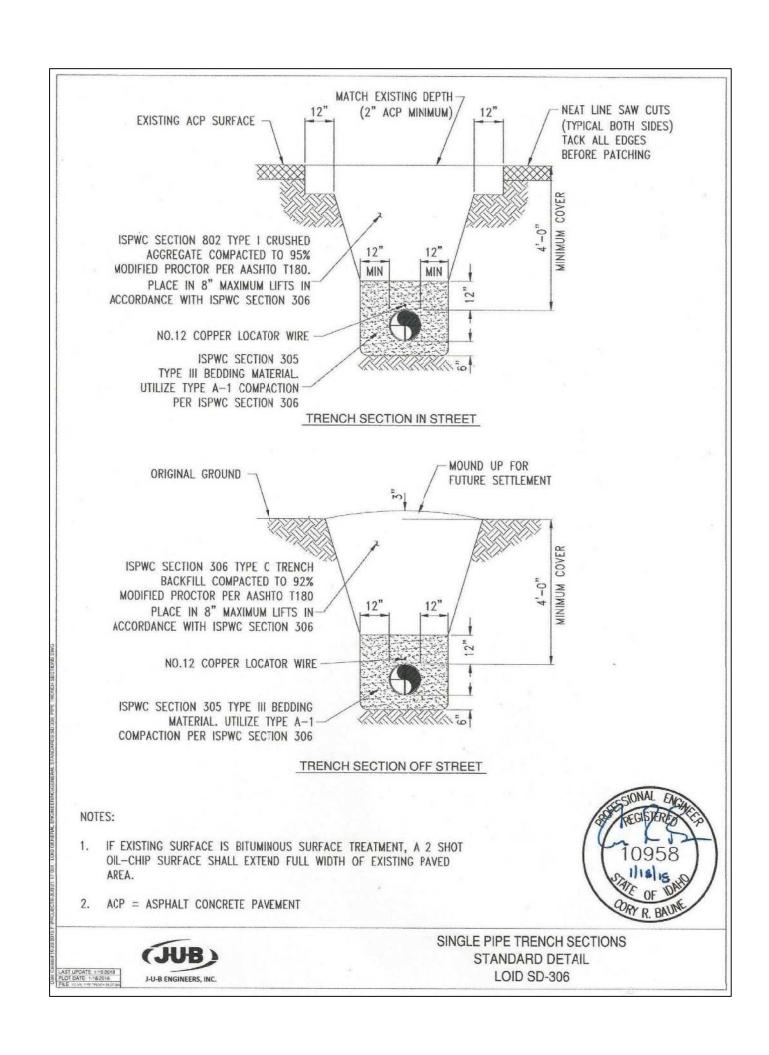
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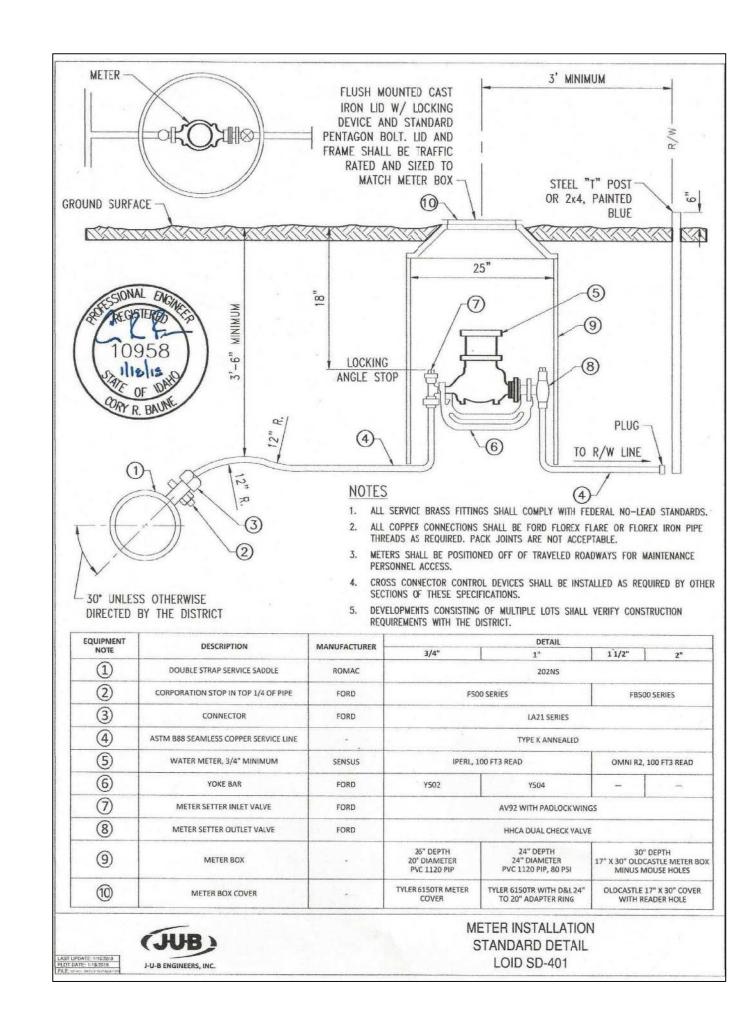
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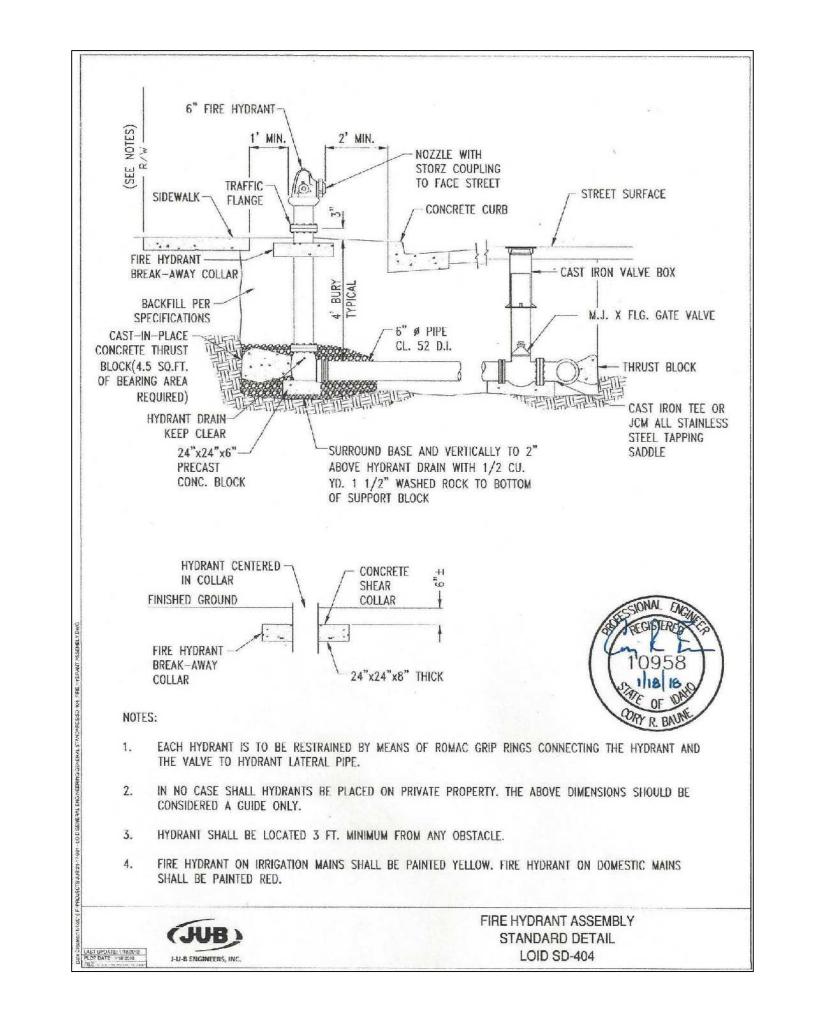
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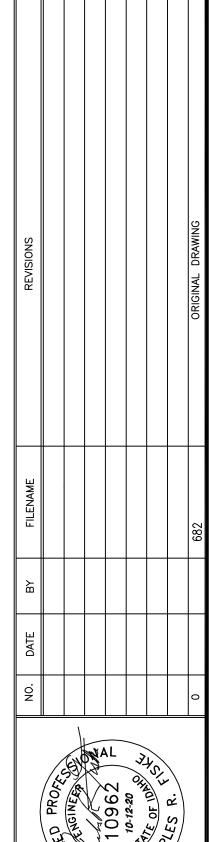
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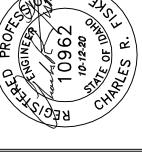
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4TH ST-WARNER/PARK LLO.I.D.

STANDARD DETAILS

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CRF
DESIGNED BY:
CRF PROJECT NO.: 682 SHEET 24 OF 24