

PORT OF LEWISTON  
HARRY WALL INDUSTRIAL PARK  
INFRASTRUCTURE EXTENSION PROJECT  
LEWISTON, IDAHO  
S 30, T36 N, R 5 W  
January 2013

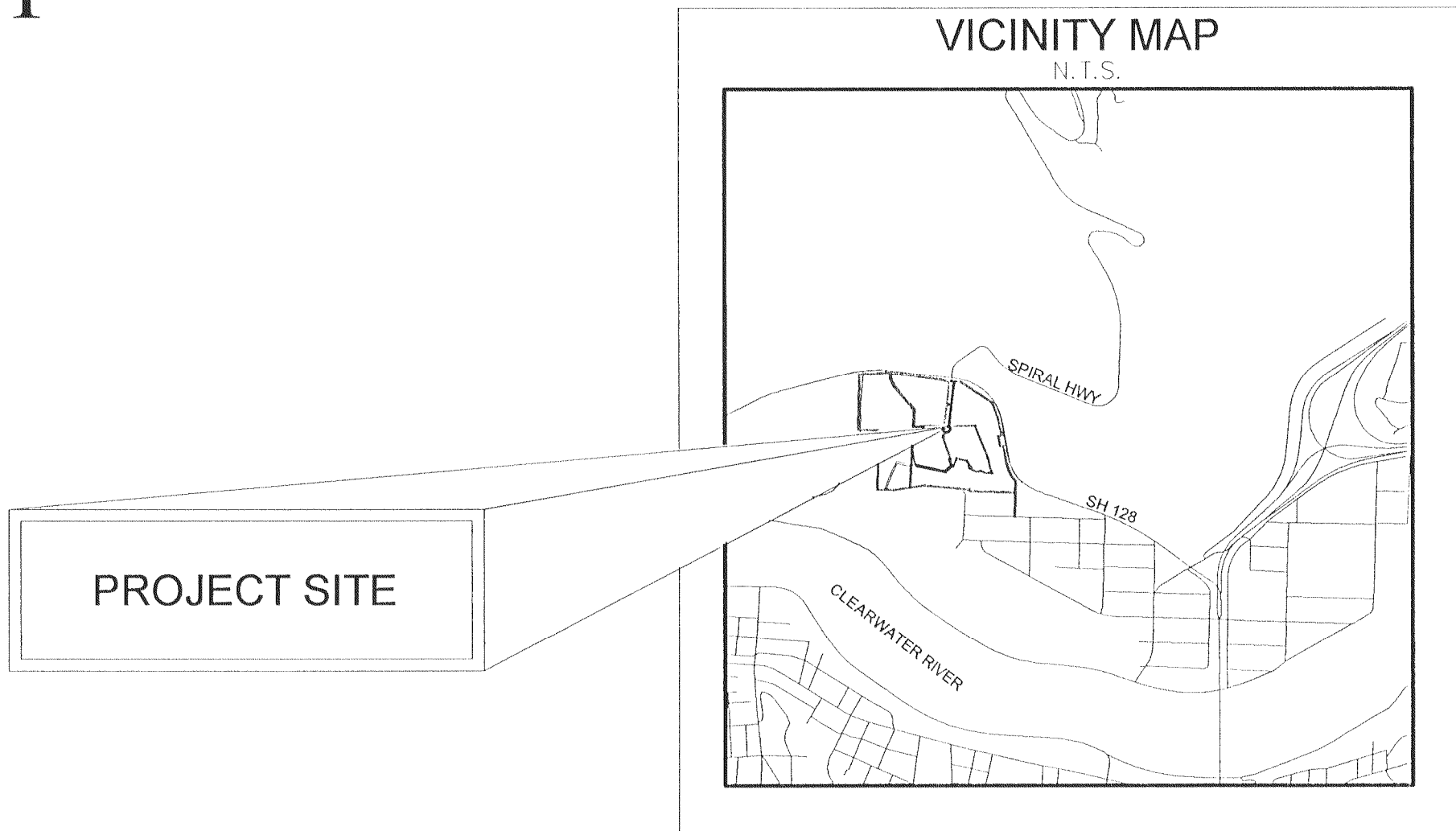
GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LEWISTON STANDARDS AND SPECIFICATIONS AND THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPPWC), 2012 EDITION. IN THE CASE OF CONFLICT, THE PROJECT PLANS AND TECHNICAL SPECIFICATIONS WILL PREVAIL OVER CITY STANDARDS WHICH WILL PREVAIL OVER ISPPWC.
- AN NPDES CONSTRUCTION GENERAL PERMIT AND SWPPP ARE REQUESTED. SEE SP-1000 IN THE SPECIAL PROVISIONS FOR DETAILS.
- WASTE AND STOCKPILE AREAS WILL BE AS DIRECTED BY ENGINEER AND/OR AS SHOWN.
- PAVEMENT IN AREAS WHERE THE CONTRACTOR MUST CROSS WITH EQUIPMENT SHALL BE PROTECTED. ANY DAMAGED PAVEMENT SECTIONS SHALL BE CUT OUT AND REPAVED IN ACCORDANCE WITH SECTION 810.
- STAGING AREAS AND HAUL ROADS ON NATURAL GROUND, SHALL BE DISKED, GRADED, AND SEEDED IN ACCORDANCE WITH 206 SEEDING, UPON COMPLETION OF THE PROJECT. HAUL ROADS ON EXISTING GRAVEL AND DIRT ROADS SHALL BE GRADED AND ROLLED UPON COMPLETION OF THE PROJECT. THIS COST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- STAGING AREAS WILL BE AS SHOWN OR AS DIRECTED BY ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR THE QUALITY CONTROL AND QUANTITY OF THE SOURCES OF MATERIAL TO BE USED.
- WATER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTACT DAVE SIX, CITY OF LEWISTON WATER SYSTEMS MANAGER, AT (208) 743-7461 FOR PRICING AND CONNECTION OPTIONS.
- THE CONTRACTOR SHALL HAVE ACCESS THROUGH APPROVED ACCESS POINTS ONLY. ACCESS AND CONSTRUCTION ROUTES WILL BE MAINTAINED AND RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR.
- THE CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES AND POWER CABLES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES AND ELECTRICAL EQUIPMENT, UNLESS NOTED OTHERWISE.
- EXISTING SURVEY MONUMENTS SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION.
- TEMPORARY DRAINAGE CONTROL MUST BE MAINTAINED DURING CONSTRUCTION.
- ALL BITUMINOUS SURFACE COURSE CONSTRUCTION JOINTS, TRANSVERSE AND LONGITUDINAL, MORE THAN 24 HOURS OLD SHALL BE CUT VERTICALLY 2 TO 3 INCHES BACK FROM THE JOINT AND MATERIAL REMOVED. CUTTING AND MATERIAL REMOVAL SHALL BE INCIDENTAL TO SECTION 810 ITEMS.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING WORK AREAS FROM STORM WATER DRAINAGE. DAMAGED WORK AREAS SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN FOR PROJECT IMPLEMENTATION 7 CALENDAR DAYS PRIOR TO BEGINNING CONSTRUCTION. ALL TRAFFIC CONTROL PROVIDED SHALL BE IN ACCORDANCE WITH THE IDAHO TRANSPORTATION DEPARTMENT CURRENT ADOPTED VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AS AMENDED, USING APPROVED DEVICES. CONSTRUCTION TRAFFIC CONTROL SHALL BE INCIDENTAL TO OTHER ITEMS.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		CURB & GUTTER (STANDARD 24 INCH)
		DITCH
		EDGE OF GRAVEL
		EDGE OF PAVEMENT
		GRADE BREAK
		FENCE (CHAIN LINK)
		INDEX CONTOUR
		INTERMEDIATE CONTOUR
		CABLE TV
		GAS LINE
		POWER CABLE IN DUCT
		UNDERGROUND POWER LINE (UTILITY)
		SANITARY SEWER PIPE
		STORM DRAIN PIPE
		TELEPHONE LINE
		WATER PIPE
		EASEMENT
		LOT LINE
		CENTERLINE
		FIRE HYDRANT ASSEMBLY
		MANHOLE
		PIPE CAP
		POWER POLE
		POWER POLE ANCHOR
		POWER TRANSFORMER
		TELEPHONE RISER
		UTILITY JUNCTION BOX
		VALVE
		CENTERLINE MONUMENT

DRAWING INDEX	
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2	PROJECT LAYOUT PLAN
3	WALL STREET PLAN / PROFILE
4	NORTH SANITARY LINE PLAN / PROFILE
5	SOUTH SANITARY LINE PLAN / PROFILE
6	CUL-DE-SAC GRADING DETAILS
7	DETAILS
8	DETAILS
9	DETAILS
10	SWPPP



ITEM	MATERIAL	TEST / STANDARD	ACCEPTANCE	FREQUENCY	INSPECTOR/CO.	DATE	INITIAL
1. SOILS COMPACTION (All Utility Trenches)							
TRENCH SUBGRADE	Native (6" to 8" Lifts Max.)	Moisture Density Relationship of Soils (AASHTO T 180)	92% Max. Dry Density	1 Test every 200 linear feet of pipe installed, but no less than one (1) test per pipe installed.			
PIPE BEDDING	3/4" minus Crushed Aggregate (4" Max. Lift)	In-Place Density and Moisture Content (AASHTO 310 Method B)	92% Max. Dry Density				
1st 1' OF FILL OVER PIPE	3/4" minus Crushed Aggregate (12" Lift)	Moisture Density Relationship of Soils (AASHTO T 180)	92% Max. Dry Density				
TRENCH BACKFILL UNDER PROPOSED ROAD	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (8" Max. Lift)	In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density				
TRENCH BACKFILL UNDER EXISTING ROAD CUT PARALLEL TO CENTERLINE	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (8" Max. Lift)	Moisture Density Relationship of Soils (AASHTO T 180)	95% Max. Dry Density				
TRENCH BACKFILL UNDER EXISTING ROAD CUT PERPENDICULAR TO CENTERLINE	3/4" minus Crushed Aggregate (8" Lift)	In-Place Density and Moisture Content (AASHTO 310 Method B)	95% Max. Dry Density				
TRENCH BACKFILL UNDER EASEMENT / NON-TRAFFICKED AREA	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (8" Max. Lift)	Moisture Density Relationship of Soils (AASHTO T 180)	92% Max. Dry Density				
STRUCTURAL FILLS	As Spec'd by Engineer	In-Place Density and Moisture Content (AASHTO 310 Method B)		As Spec'd by Engineer			
3. WATER MAINS							
Ductile Iron or PVC Water Main	AWWA C-151, C-900, C-905 (Class as Req'd)		Certified & Visual by City		Certified & Visual by City		
ALIGNMENT AND GRADE	N/A	AWWA C-600, AWWA C-605		Per Plan			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	AWWA C-600, AWWA C-605		Each Joint			
THRUST BLOCKS	Concrete, 2500 PSI Mix	Per plan/Std Dwg		Each Joint	Certified & Visual by City		
HYDROSTATIC PRESSURE	N/A	2 Hrs, NTE Allowable Leakage Per AWWA C-600, AWWA C-605		125% Working Pressure, NTE			
CHLORINATION/BACTERIA	N/A	AWWA C-651		Allow Working Press	CITY OF LEWISTON		
				2 Passing Tests			
4. SEWER MAINS							
PVC Sewer main	PVC, SDR 35	ASTM 3034		N/A			
ALIGNMENT AND GRADE	N/A	N/A		Per Plan			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Per Manufacturer's Instructions		Each Joint			
MANHOLES	Concrete	Hydrostatic Test		Each Joint			
PRESSURE TEST	N/A	4 PSI for 15 Minutes, 1/2 PSI Drop		Between Access Holes			
VIDEO INSPECTION	N/A	No Perforations, Dents or Dimples, No Bellies > 0.02'	Public Works Policy No 2012-2	Between Access Holes			
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	Min. 28 day Compressive Strength = 3500 psi	1 of Each Test Minimum per Day, or 1 of Each Test per 50 CY	City Approval		
ALIGNMENT AND GRADE		AASHTO T-23 Making Test Specimens	Max. Slump = 5 inches				
JOINTS/FLATNESS/STRAIGHTNESS		AASHTO T-119 Slump of Hydraulic Cement Concrete	Air Content Percent = 5% - 8.0%				
FINISH		AASHTO T-152 Air Content of Freshly Mixed Concrete	Temperature = 50°F - 80°F				
		AASHTO T-309 Temperature of Freshly Mixed Concrete	+ 0.02' from Design Grade/Alignment	Per 10' Section			
		WAQTC TM-2 Sampling Freshly Mixed Concrete	+ 0.02/10' Segment	Per 10' Section			
		Visual	Floated, Uniform, Light Broom Finish	Entire Surface Area			
		Visual					
		Visual					
6. ROADWAY							
HOT MIX ASPHALT	ITD Class II 1/2" or ITD Superpave Class SP-2, 3, or 4 1/2" - Appv'd Mix Design Required	AASHTO T 166, Method C, Specific Gravity of HMA	92%-95% Max. Theoretical Density	1Test Per 750 Ton-Min 1 Test			
CRUSHED AGGREGATE BASE COURSE	3/4" Minus Crushed Aggregate - Approved Source Required - (2004 ITD Spec 303 and 703.04)	AASHTO T 209, Test for Maximum Specific Gravity	95% Max. Dry Density	1 Tests Per 500 LF-Min 2 Tests			
SUBGRADE/ EMBANKMENT	N/A	Moisture Density Relationship of Soils (AASHTO T 180)	Class A Compaction	1 Test per 300 linear feet of roadway and 1 test per 10,000 square feet of general fill and embankment areas for each lift.			
		In-Place Density and Moisture Content (AASHTO 310 Method B)					
7. Erosion & Sediment Controls							
	Per Plan	Per Plan and Manufacturers' Instructions		As per 2012 CGP			
8. Traffic Control							
	Per Plan	MUTCD/ATSSA		Continuous			
9. Record Drawings							
10. Engineer's Certification	AutoCAD Elect File, Bond Paper, 22" x 34" Min Size	City Checklist		Before Public Improvements Accepted			
11. Quality Assurance Testing	See Contractor note 21 in the project Special Provisions.						
Date Last: Revised October 2012							

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Fax: (208) 743-3819

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HARRY WALL INDUSTRIAL PARK  
INFRASTRUCTURE EXTENSION PROJECT  
2013

COVER SHEET

**Underground Service Alert**

CALL BEFORE YOU DIG

CALL: TOLL FREE  
1-800  
342-1585

TWO WORKING DAYS BEFORE YOU DIG

**OWNER:**

PORT OF LEWISTON  
1626 6TH AVENUE NORTH  
LEWISTON, ID 83501  
(208) 743-5531

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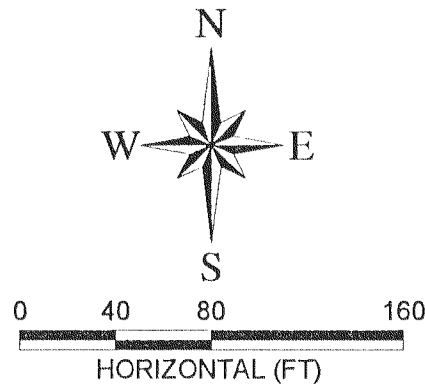
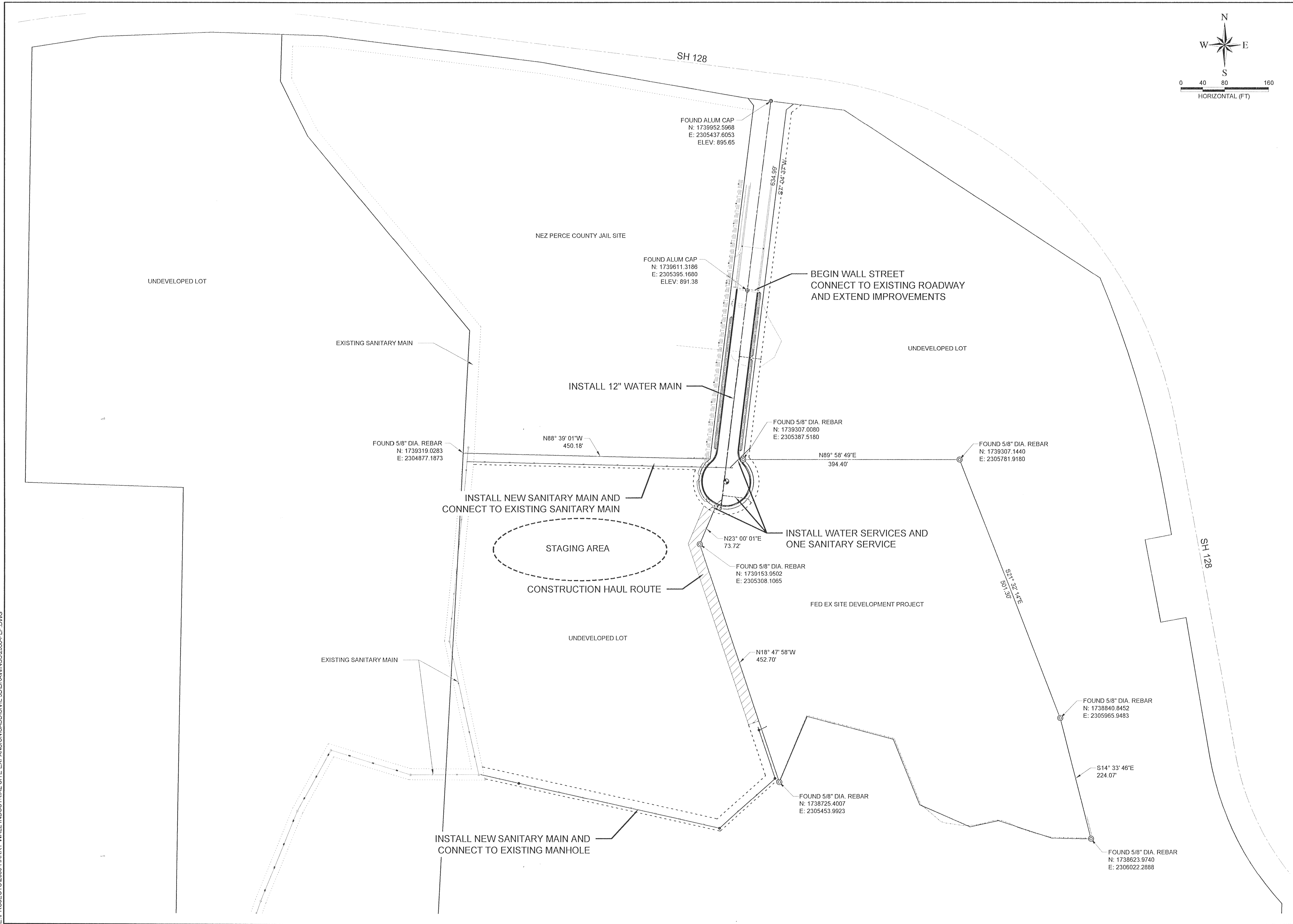
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HARRY WALL INDUSTRIAL PARK  
INFRASTRUCTURE EXTENSION PROJECT  
2013  
PROJECT LAYOUT PLAN

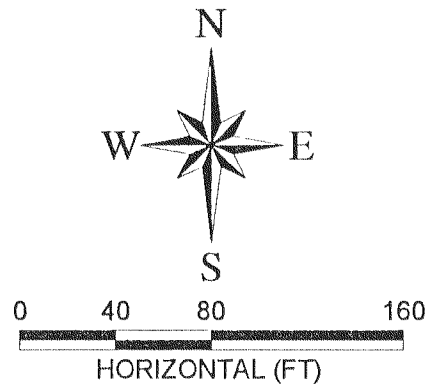
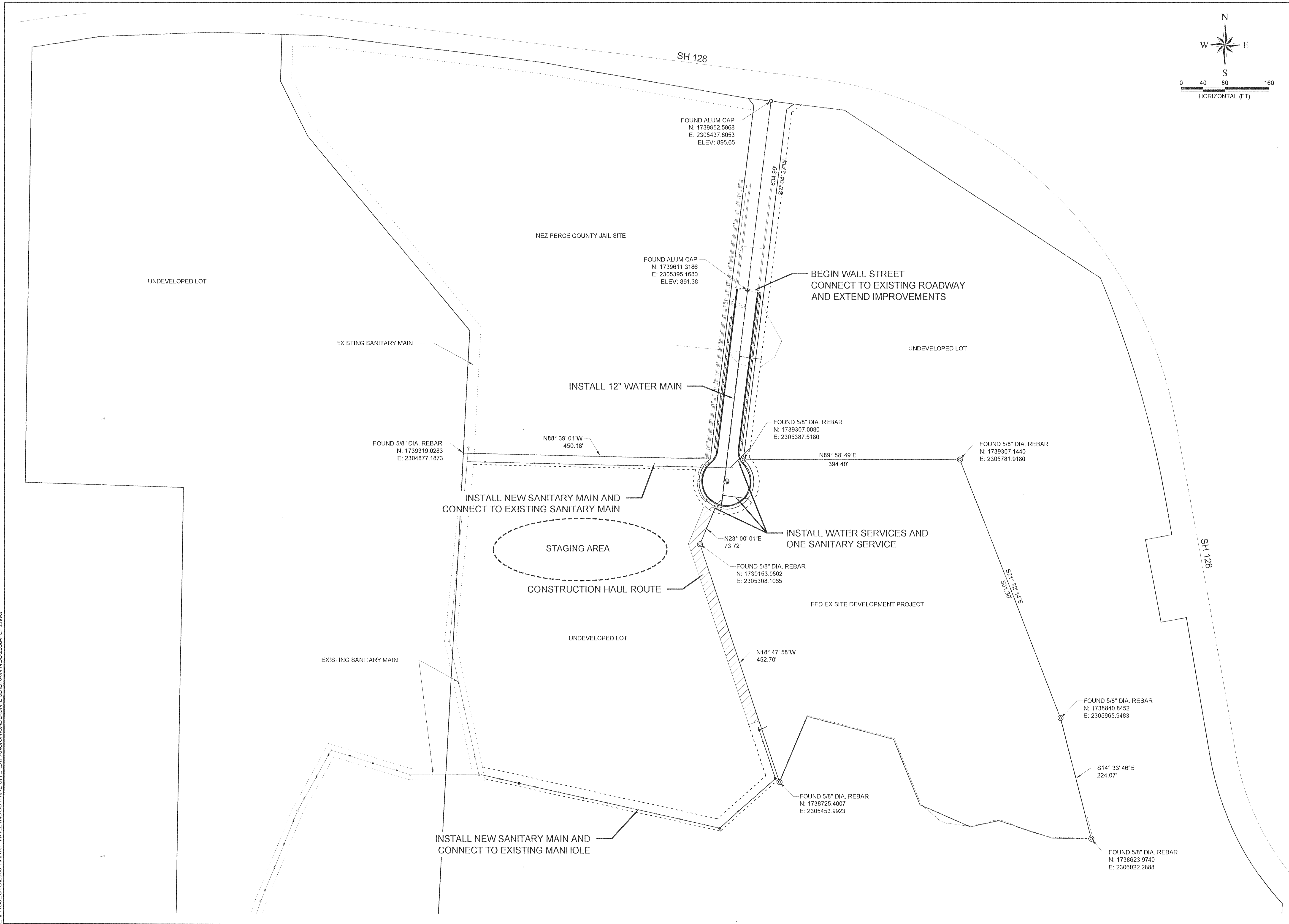


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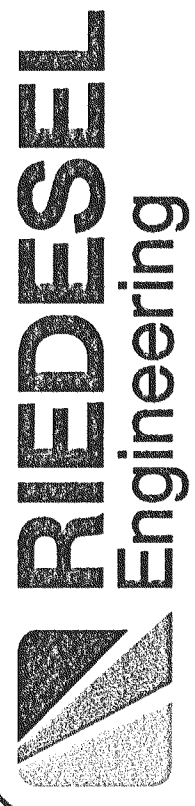
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INFRASTRUCTURE EXTENSION PROJECT  
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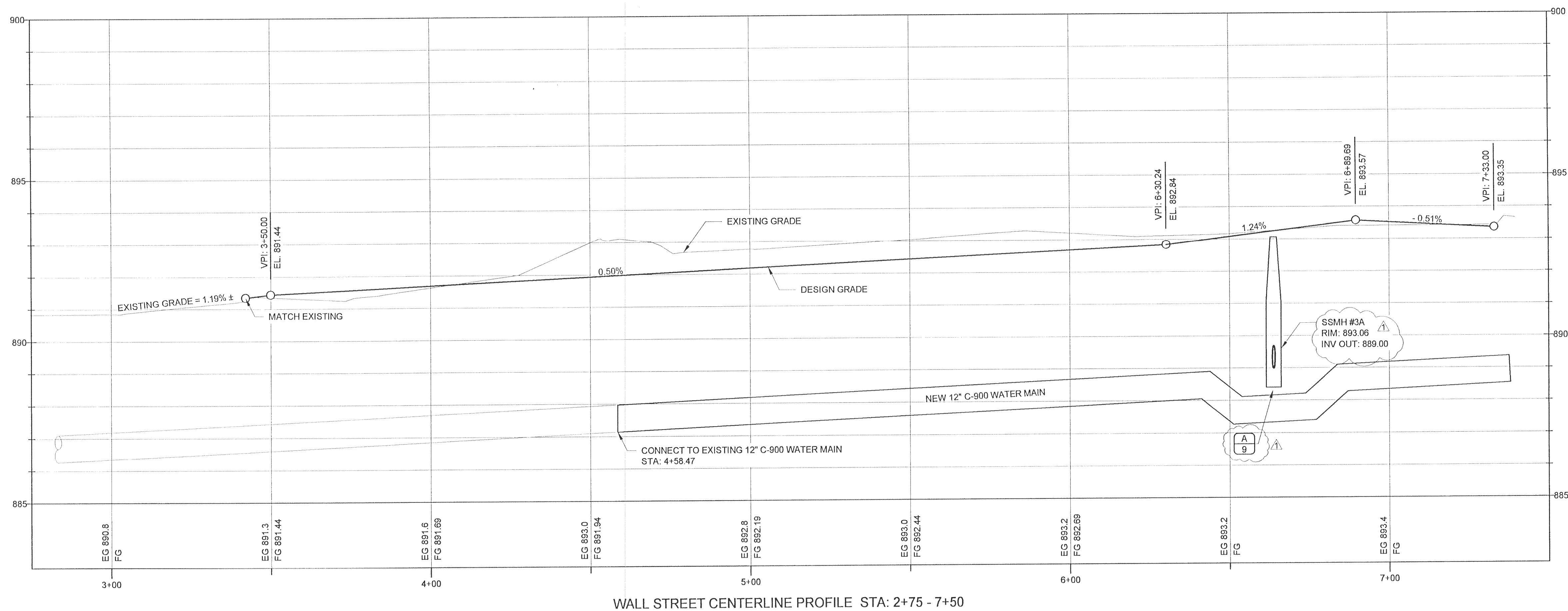
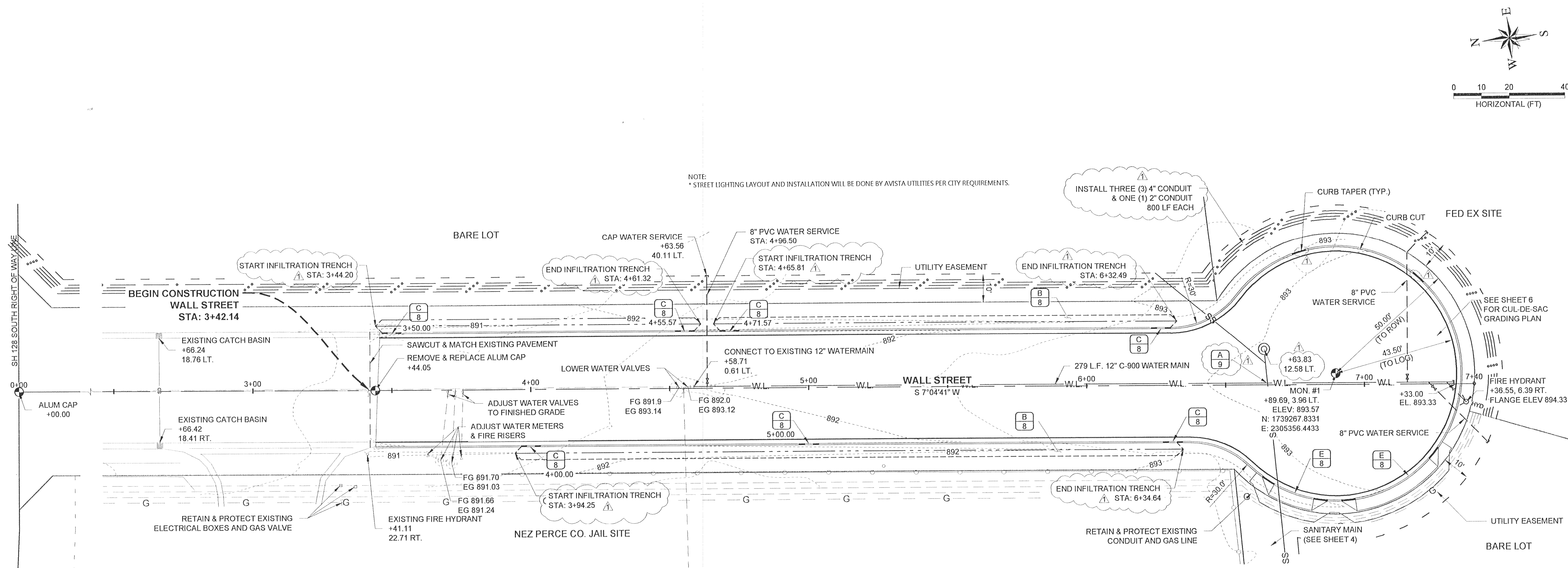
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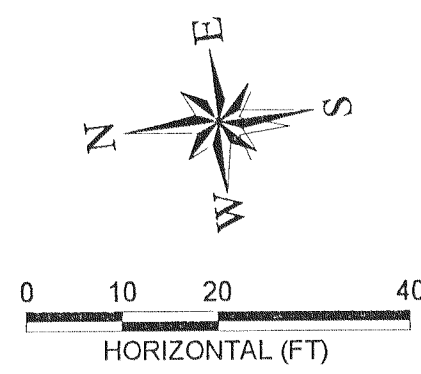
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WALL STREET CENTERLINE PROFILE STA: 2+75 - 7+50

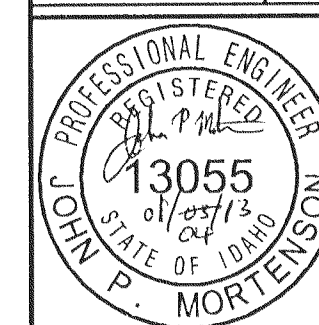


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HARRY WALL INDUSTRIAL PARK  
INFRASTRUCTURE EXTENSION PROJECT  
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WALL ST PLAN PROFILE

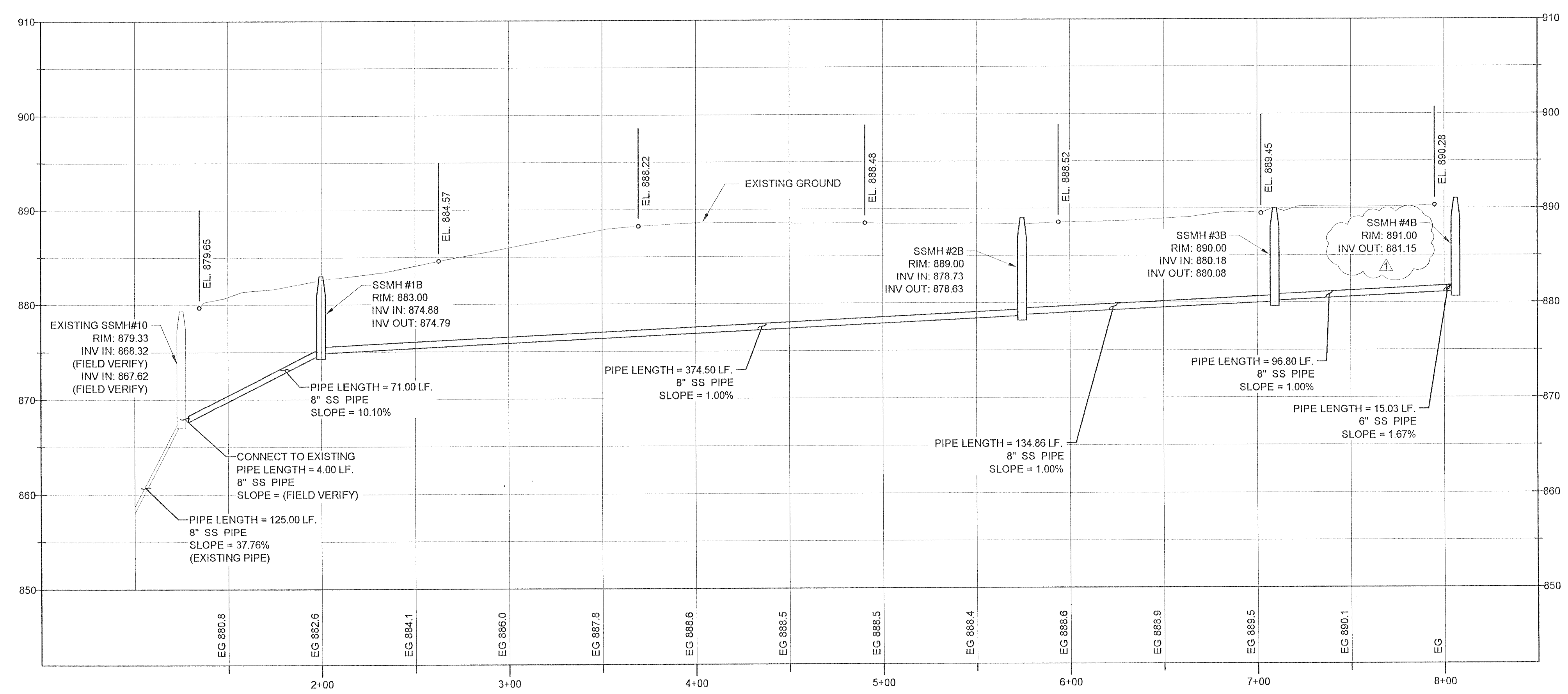
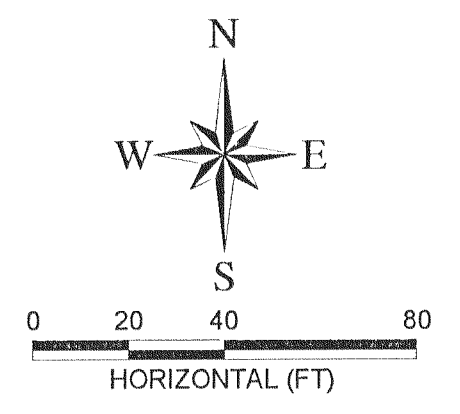
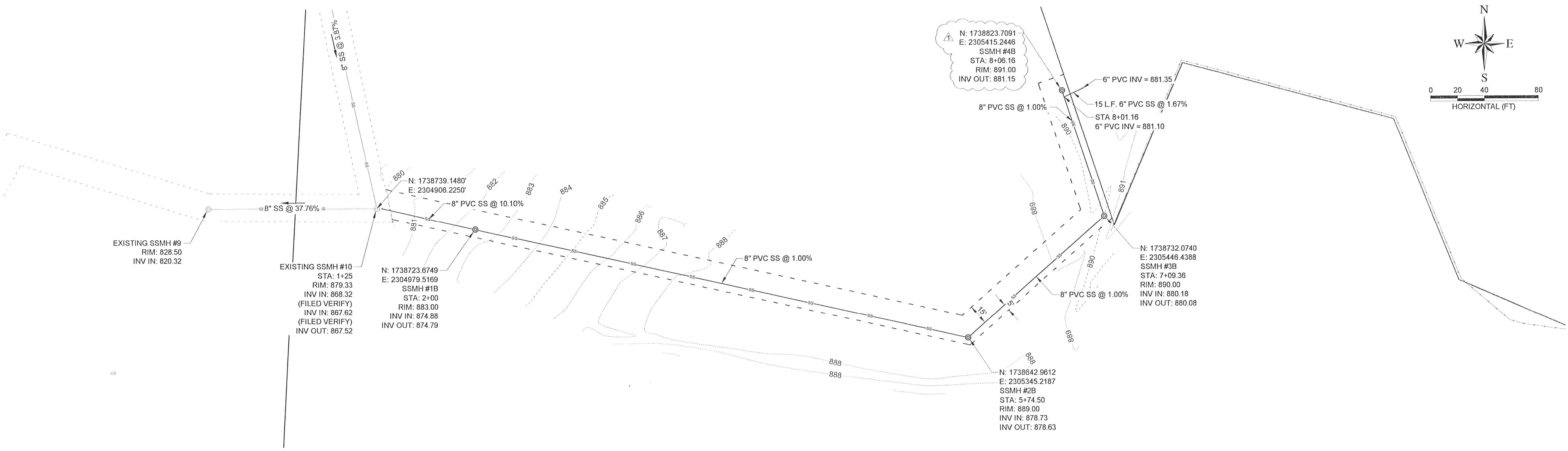


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SOUTH SANITARY LINE CENTERLINE PROFILE STA: 0+50 - 8+50

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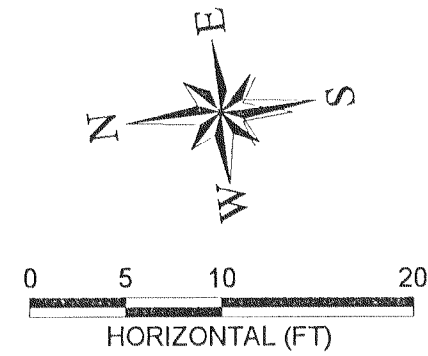
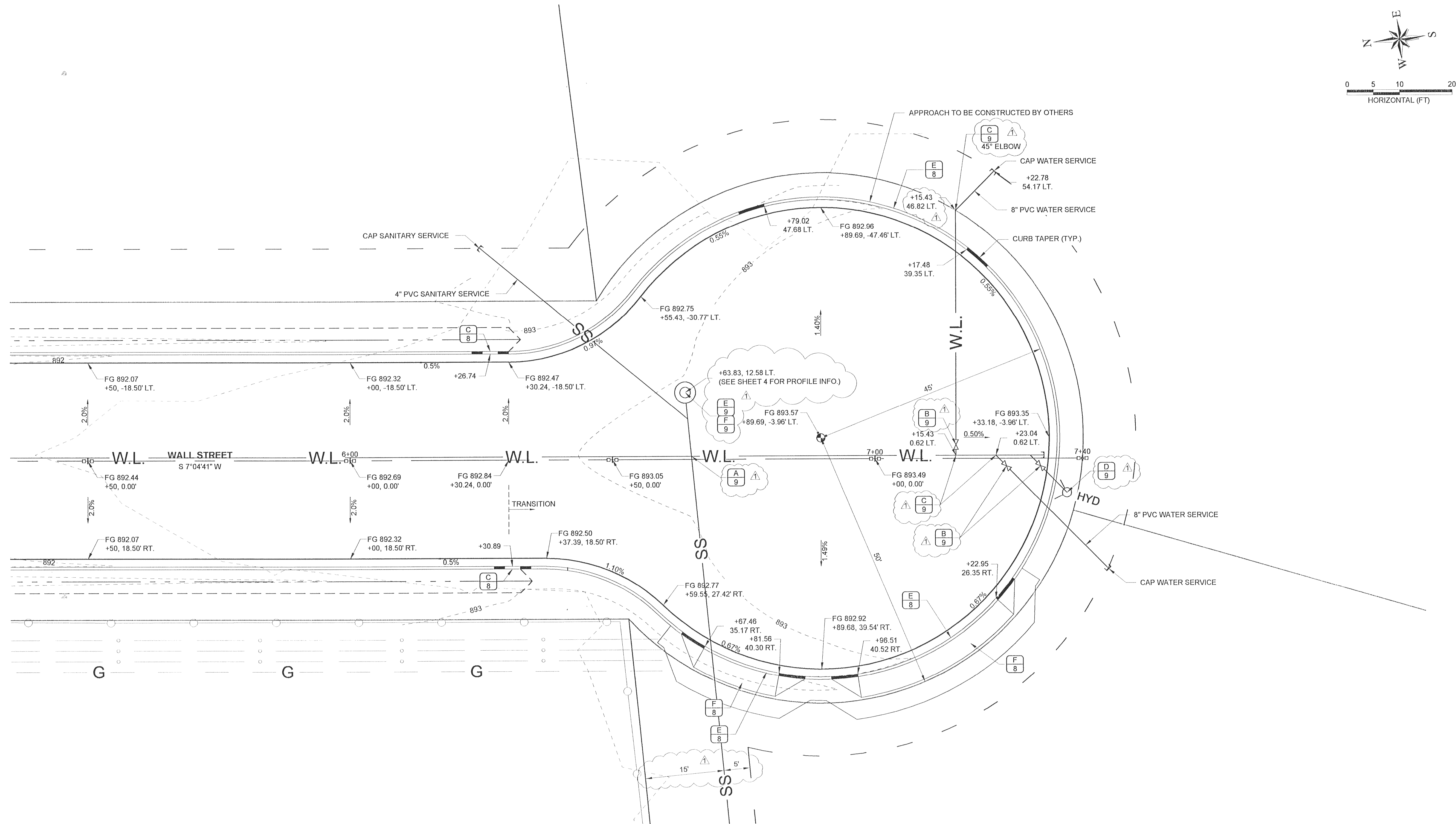
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**HARRY WALL INDUSTRIAL PARK**  
INFRASTRUCTURE EXTENSION PROJECT  
2013  
SOUTH SANITARY LINE

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HARRY WALL INDUSTRIAL PARK  
INFRASTRUCTURE EXTENSION PROJECT  
2013

CUL-DE-SAC GRADING DETAILS

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SHEET 6 OF 10

PROFESSIONAL ENGINEER  
13055  
STATE OF IDAHO  
P. MORTENSON

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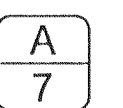
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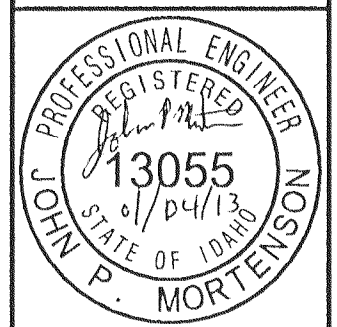
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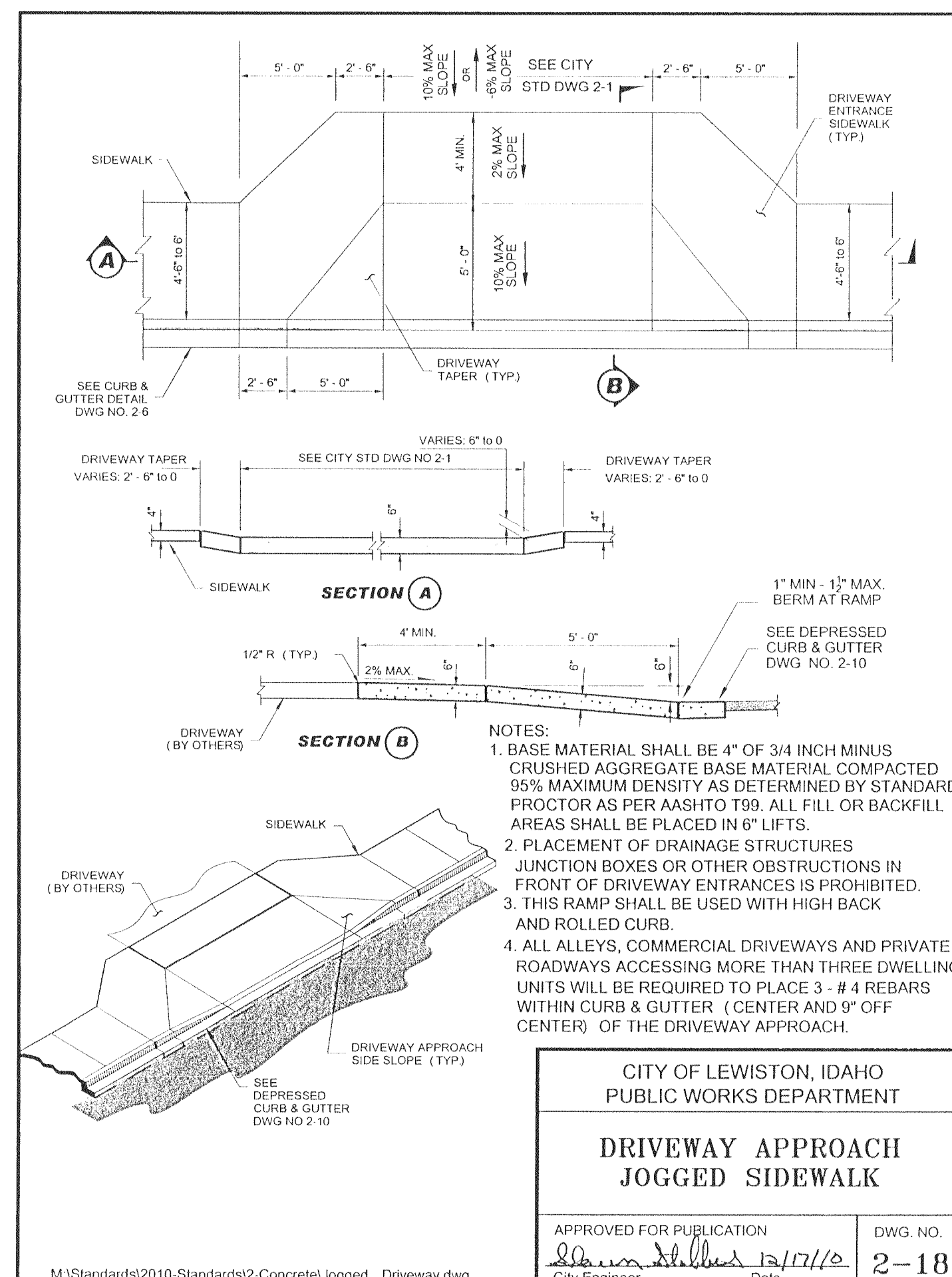
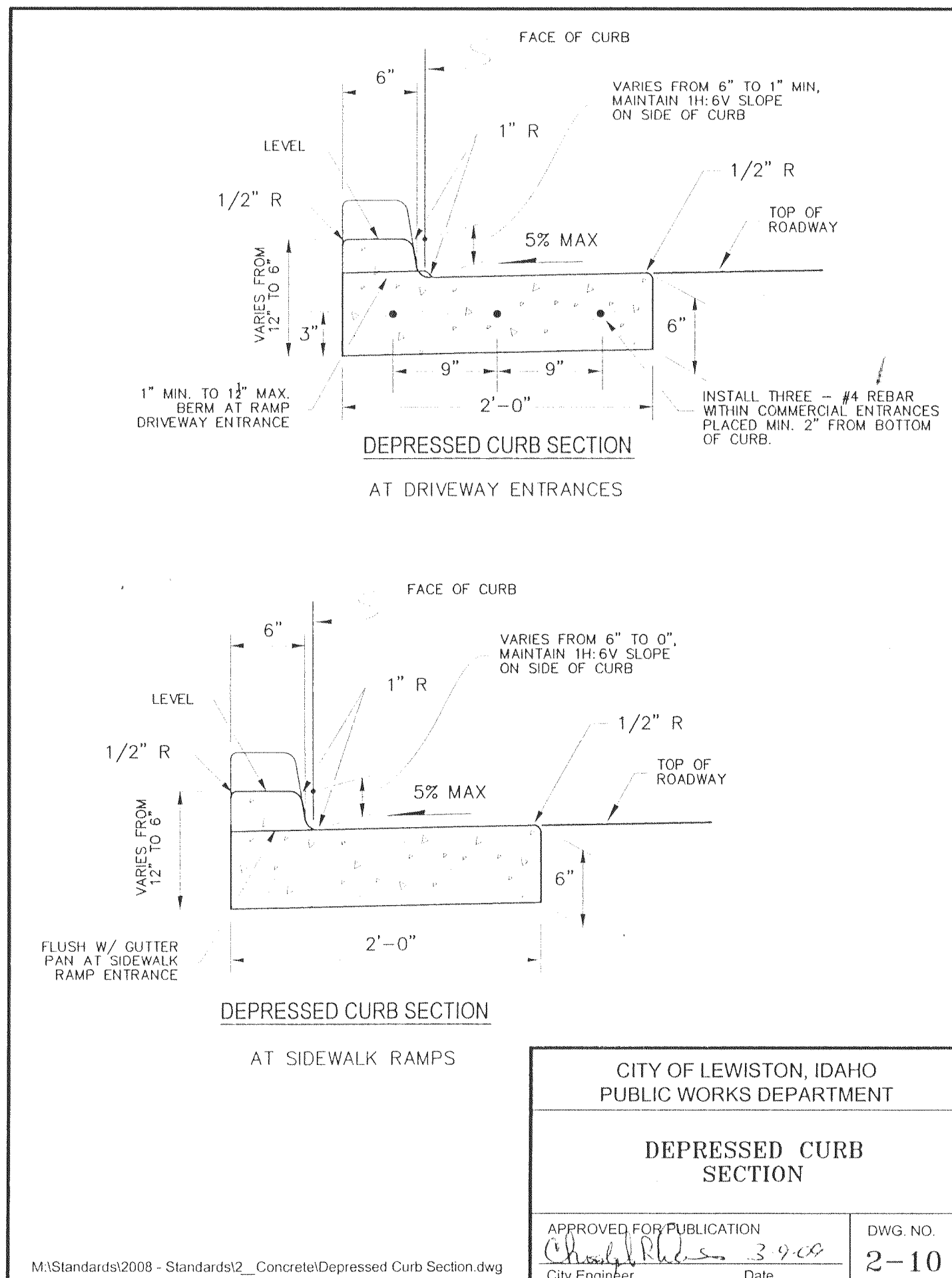
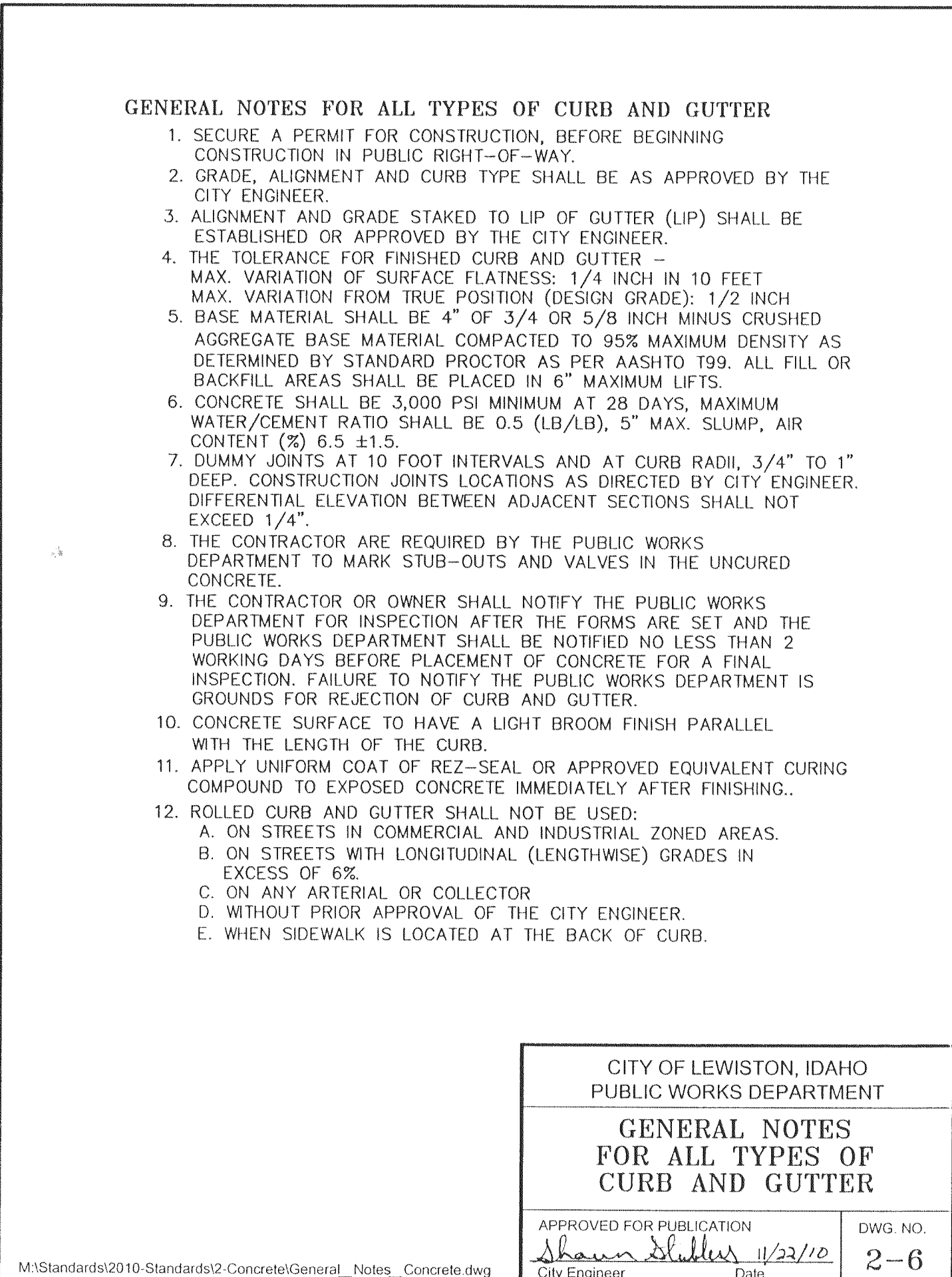
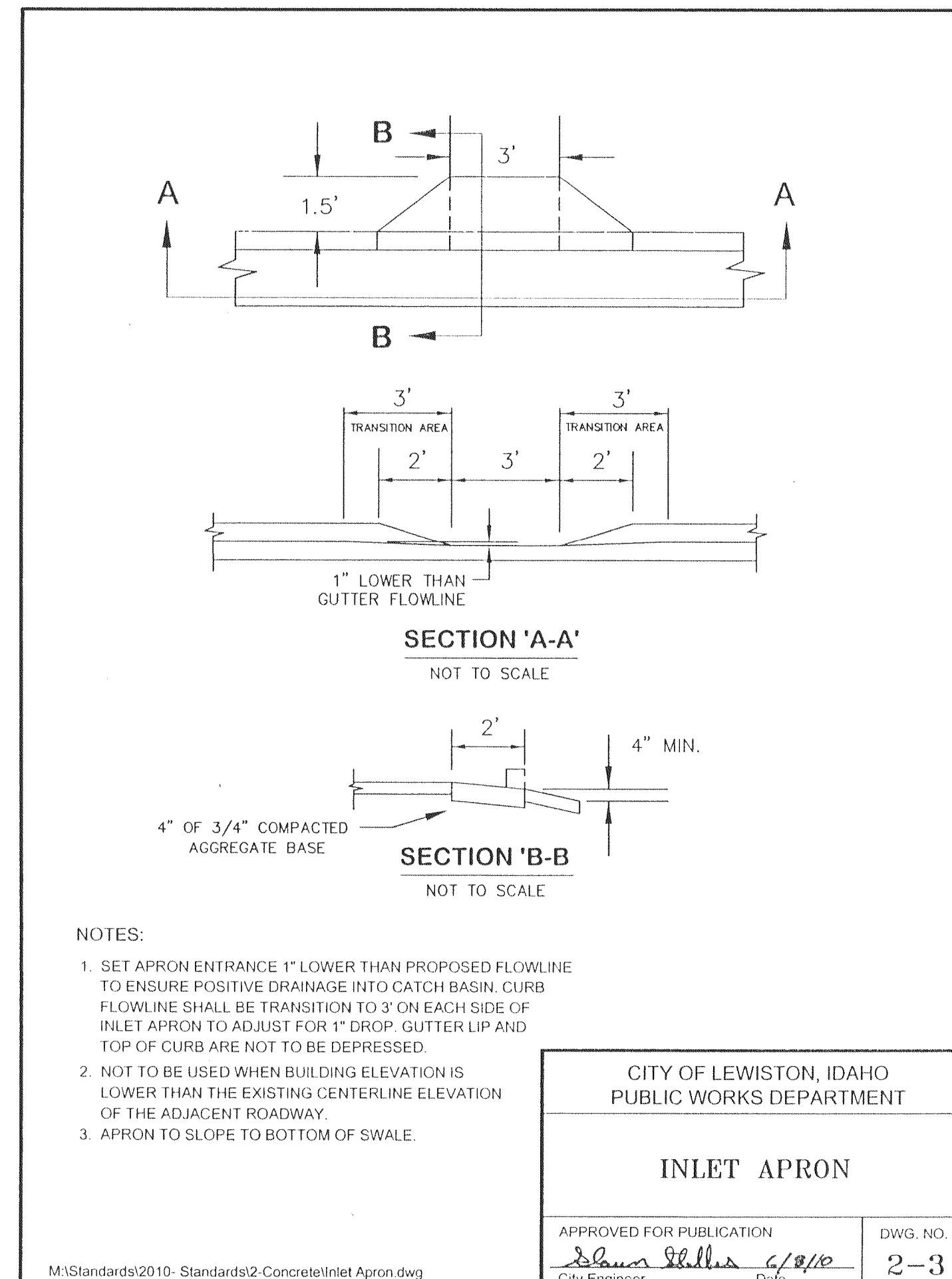
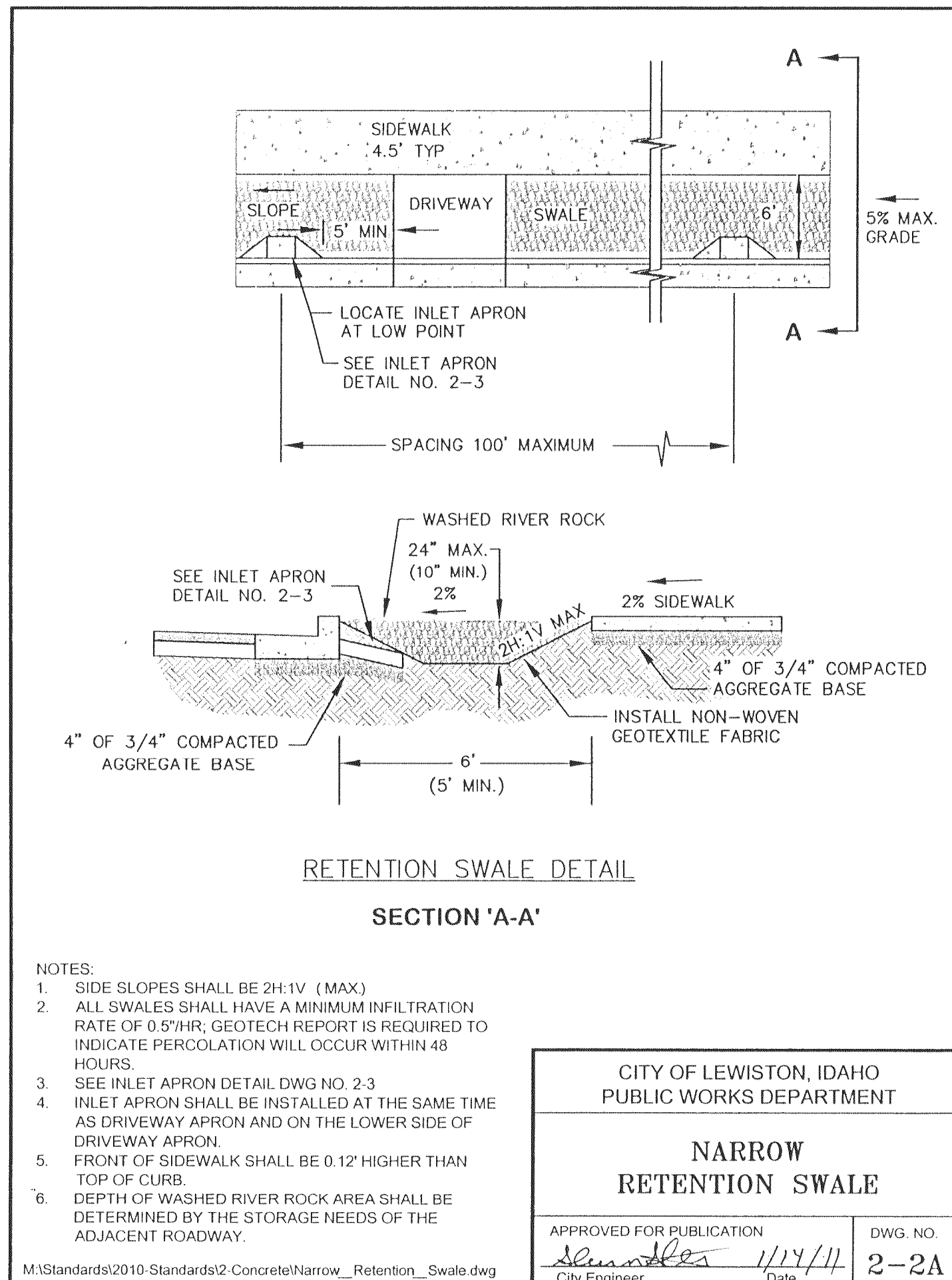
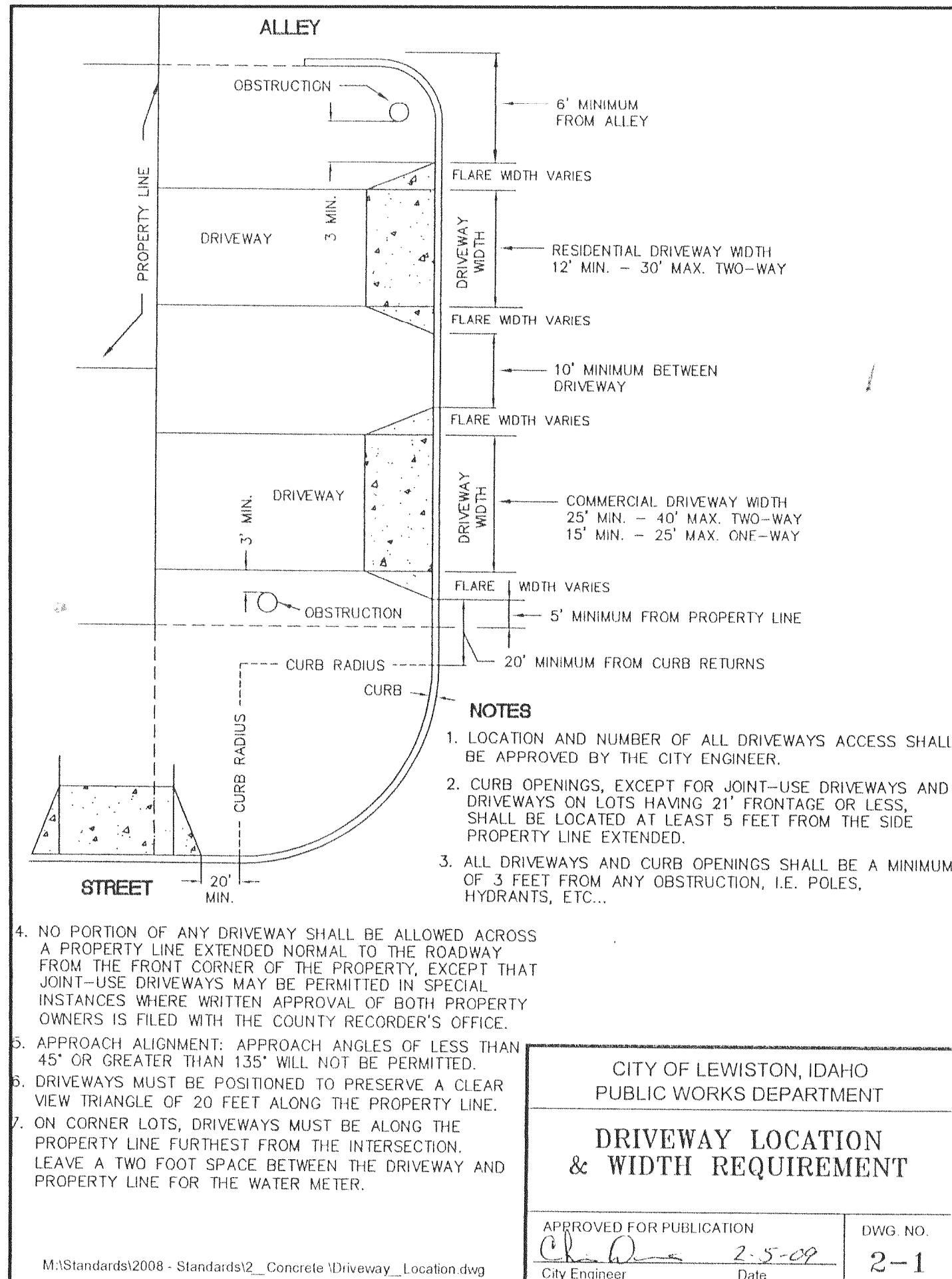


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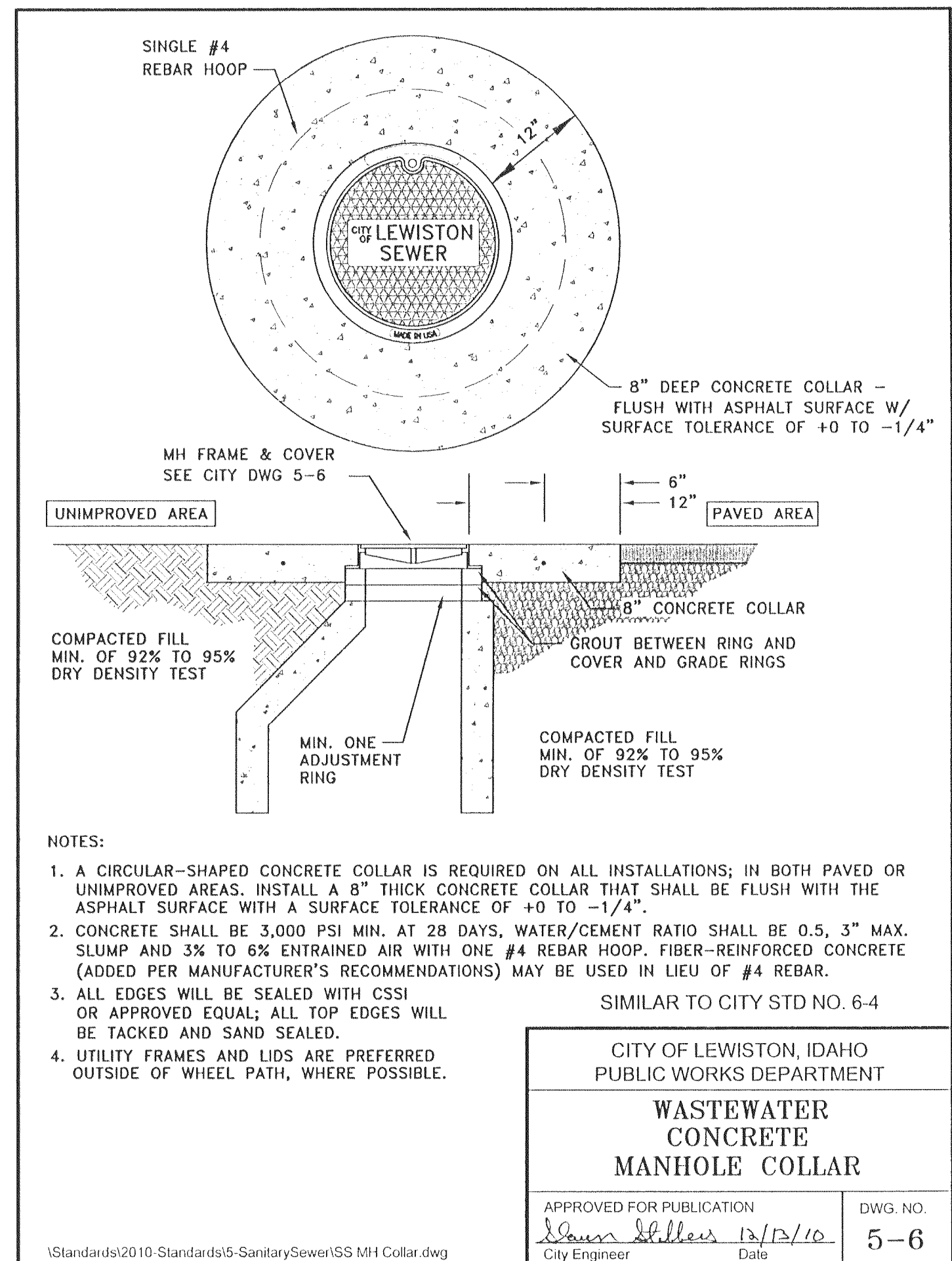
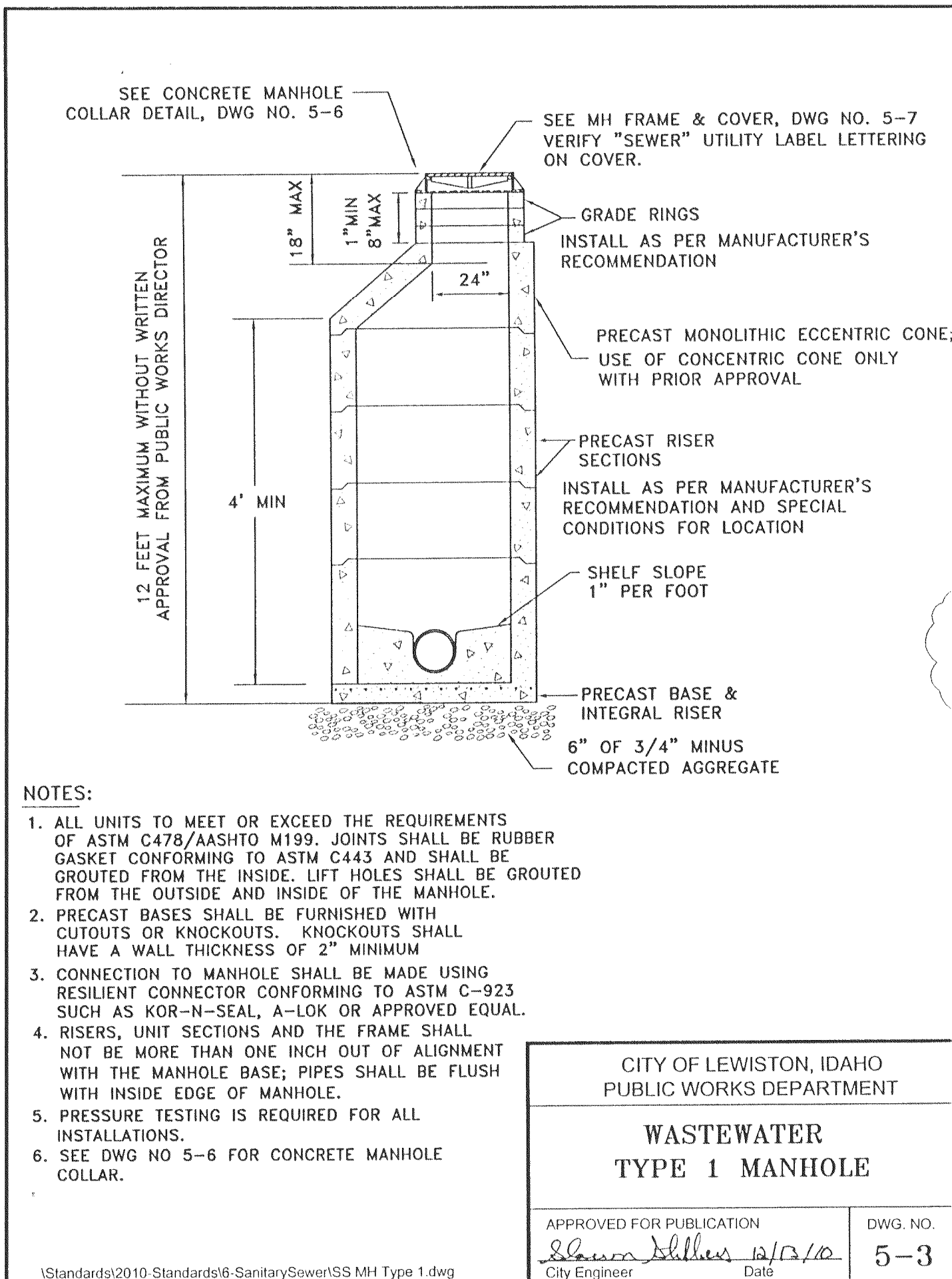
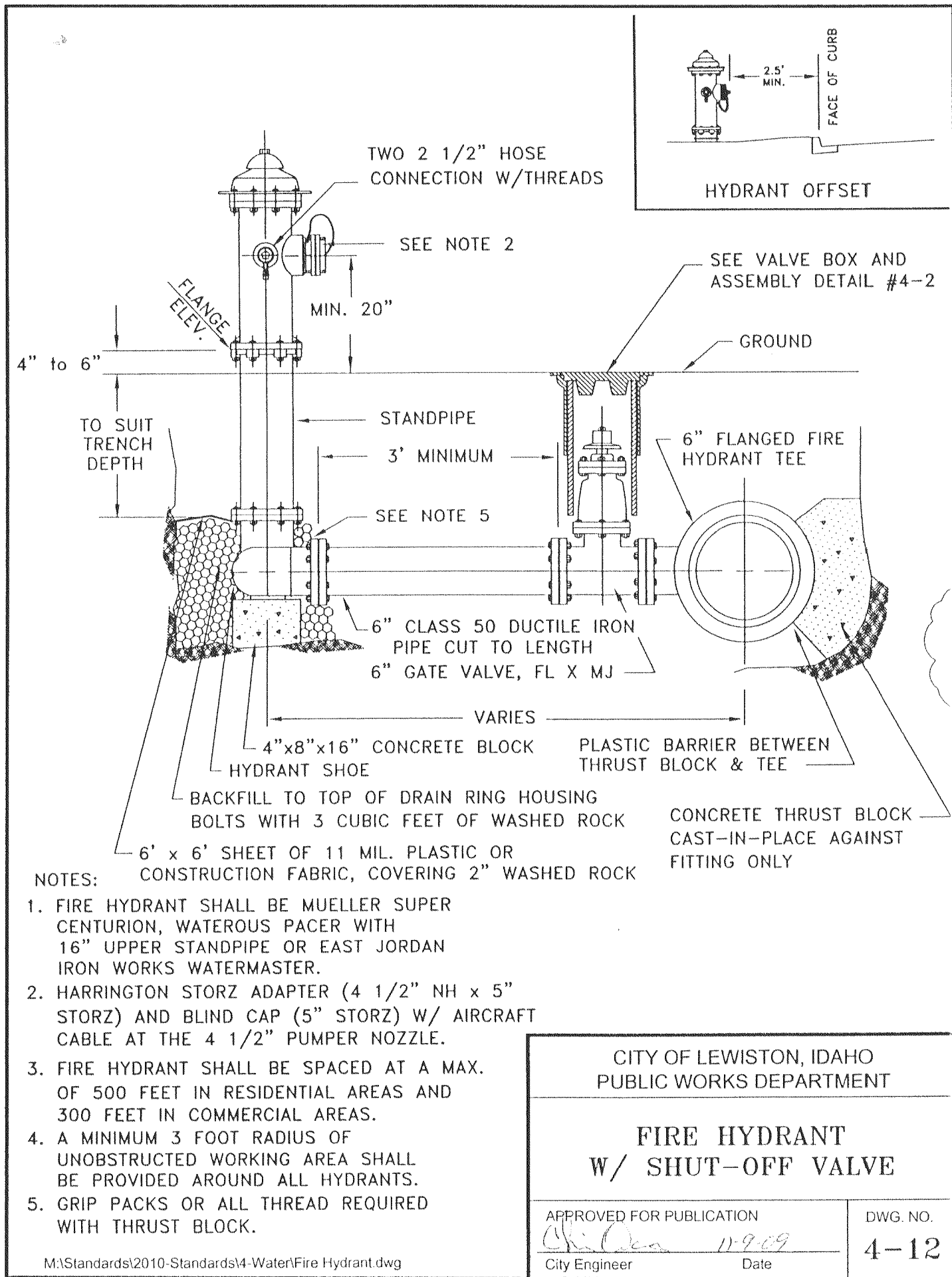
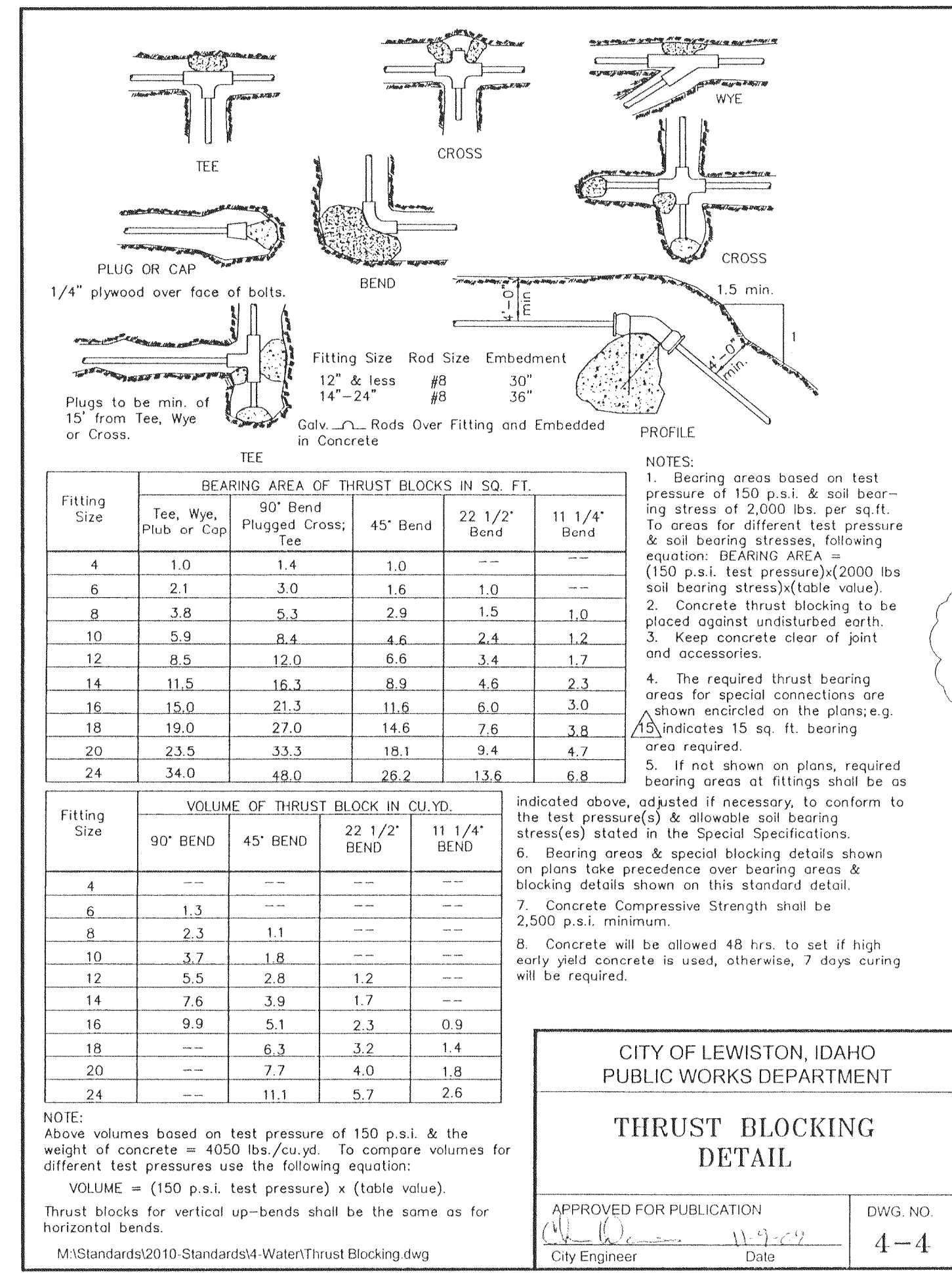
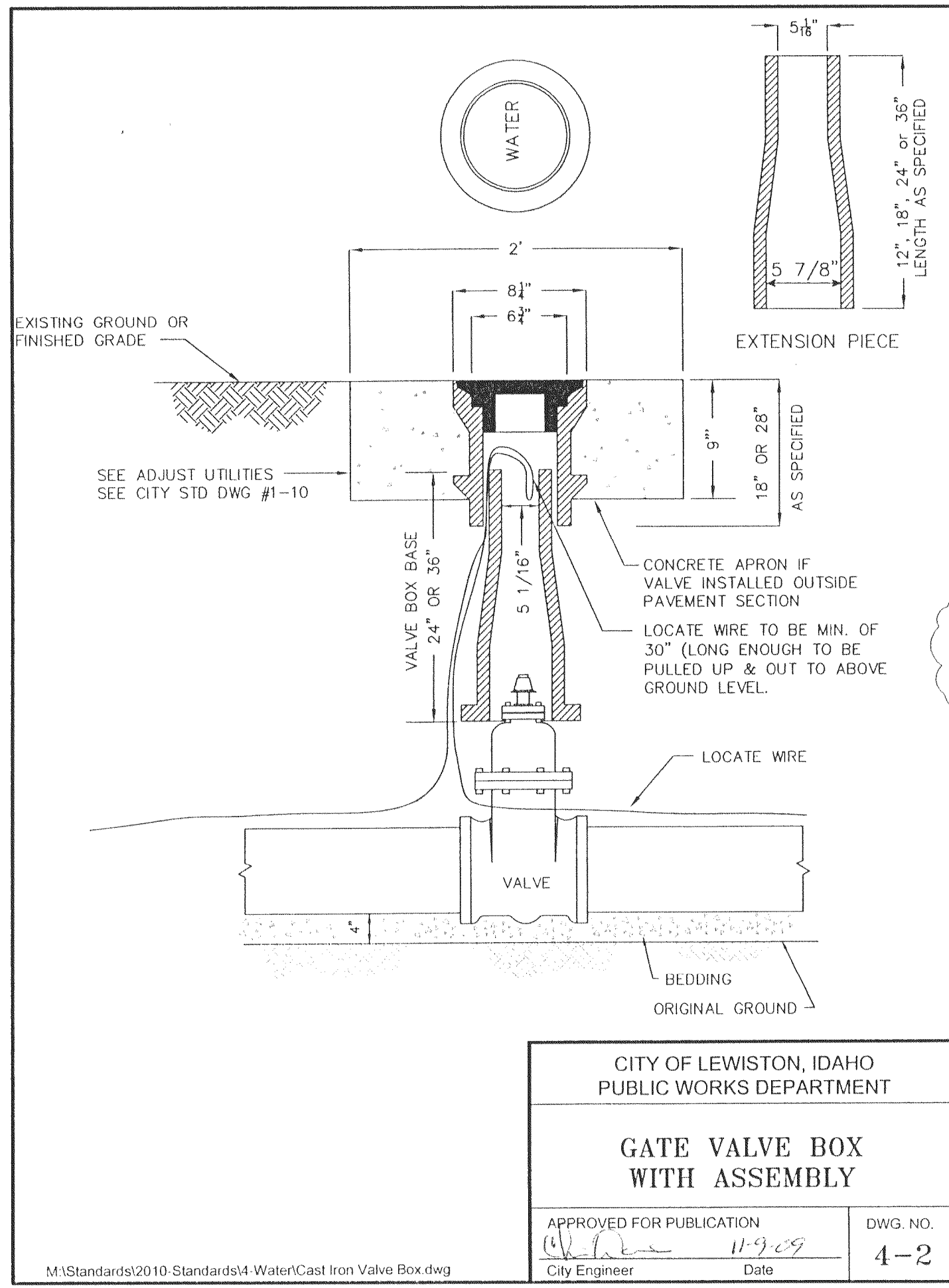
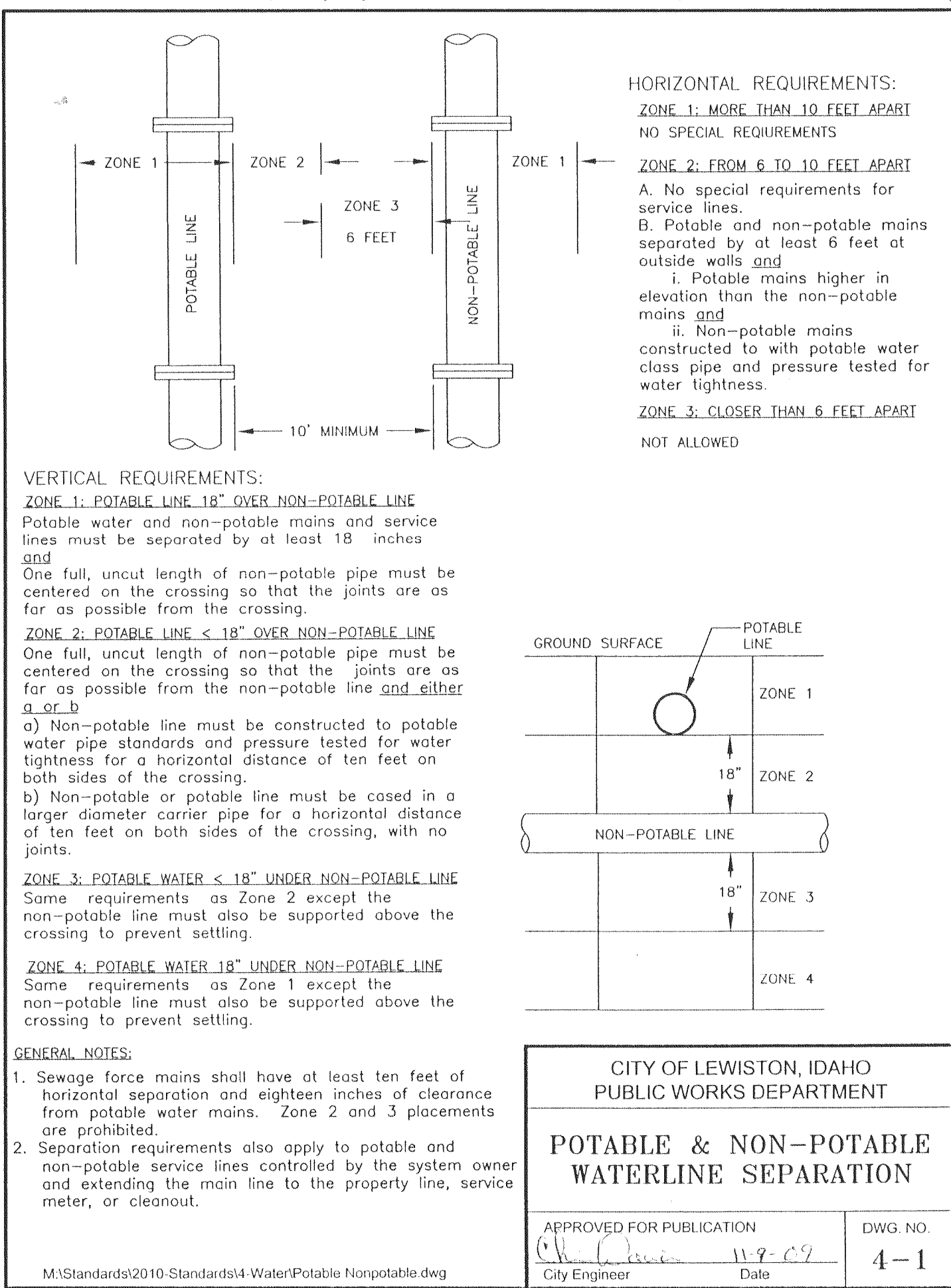
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1	1/14/12	BJW	1	1	1
2	1/14/12	BJW	2	2	2
3	1/14/12	BJW	3	3	3
4	1/14/12	BJW	4	4	4
5	1/14/12	BJW	5	5	5
6	1/14/12	BJW	6	6	6



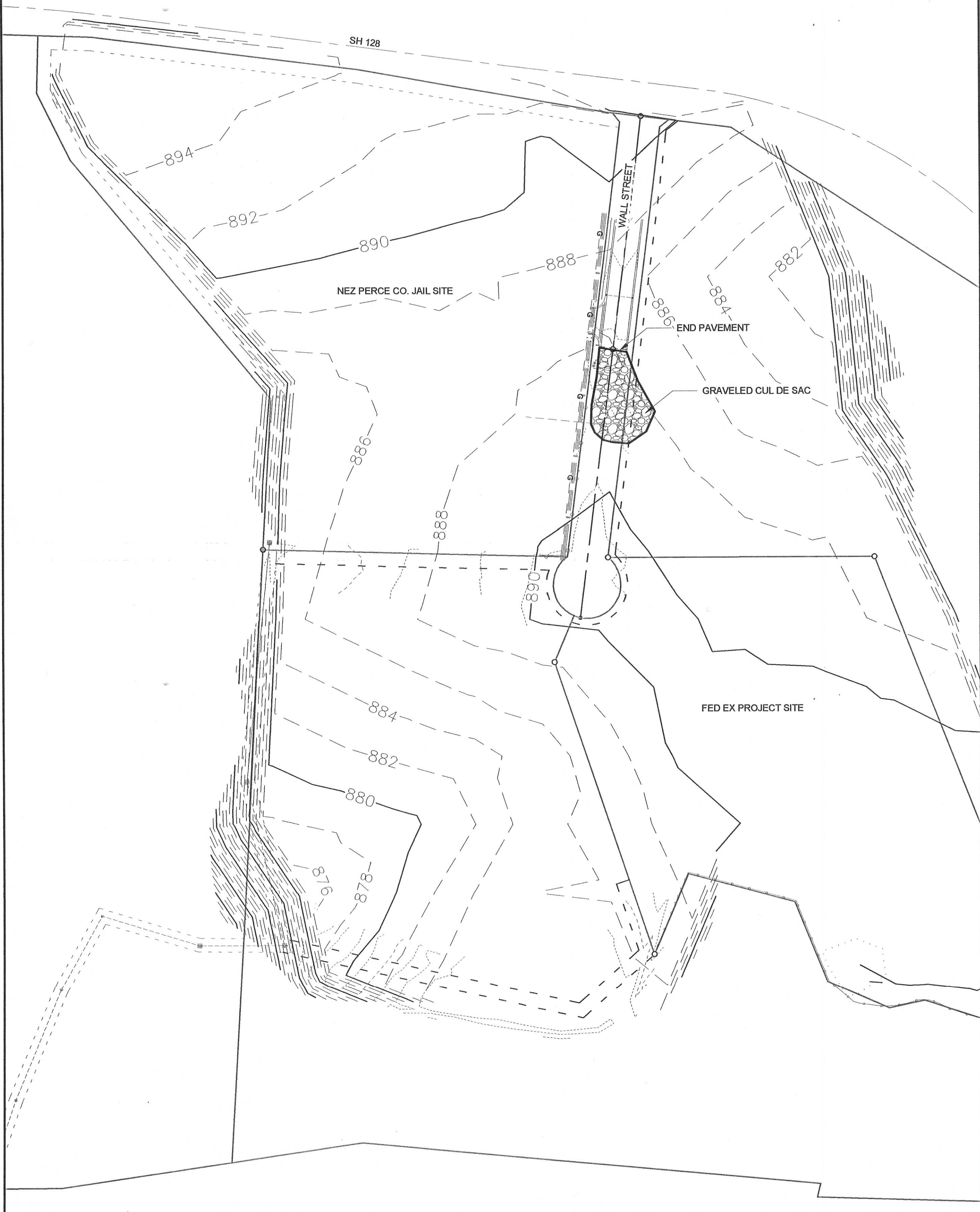
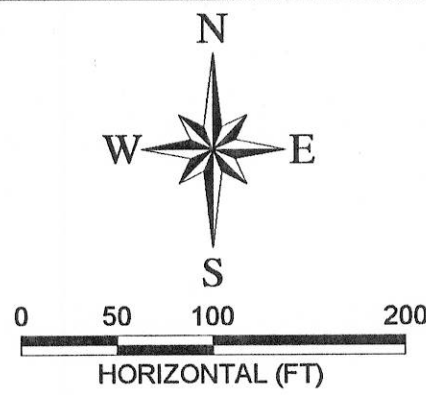


NO.	DATE BY	DESCRIPTION	REVISED PER CITY COMMENTS					
			1	2	3	4	5	6
1	11-12-09	1	1	1	1	1	1	1

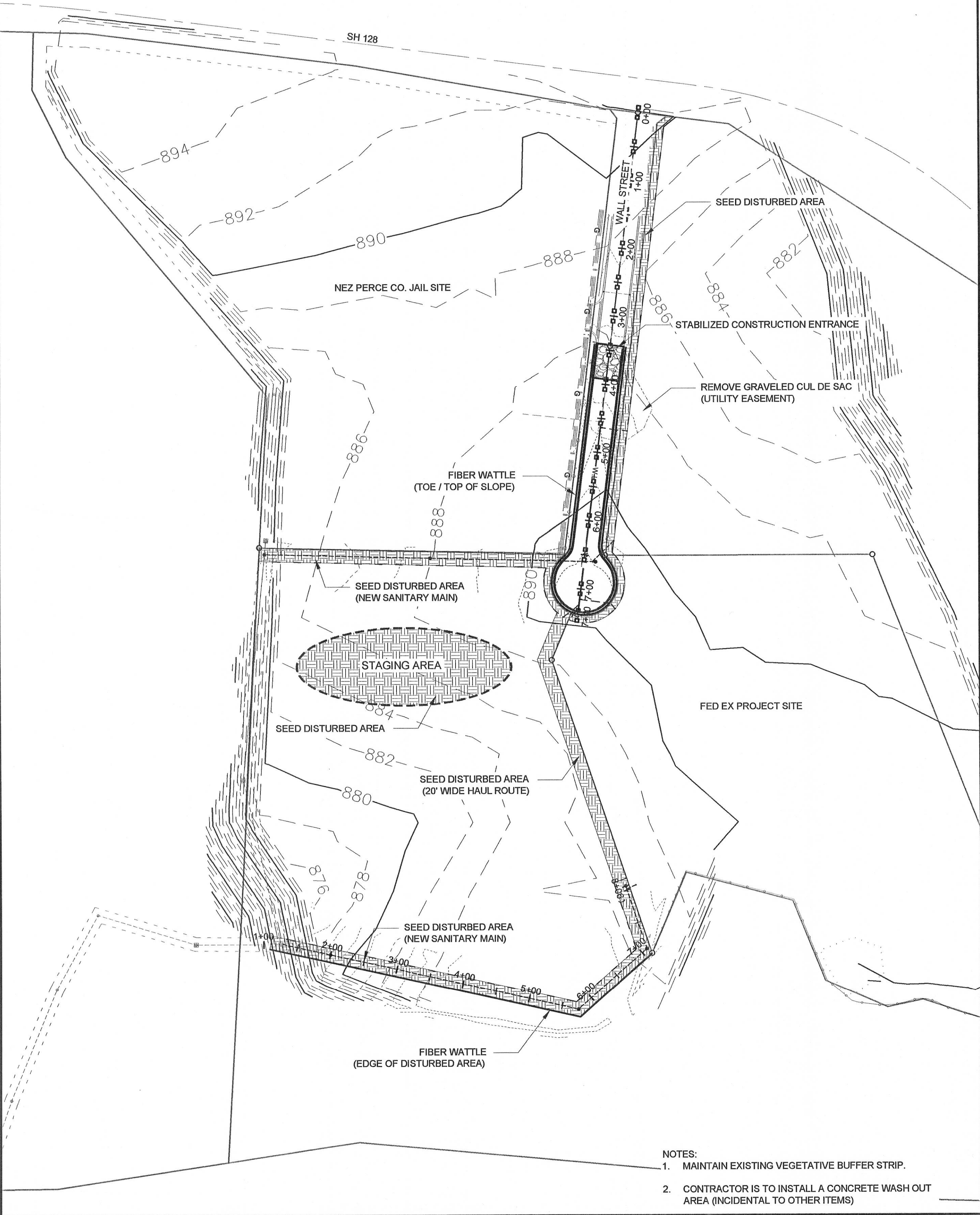
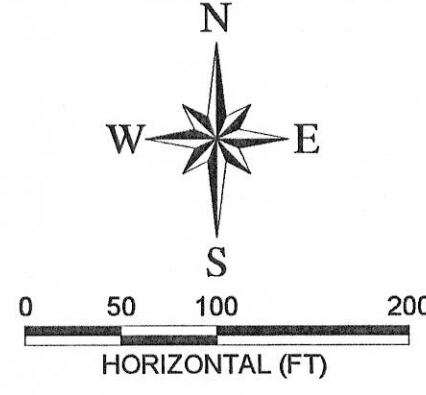
DESIGNED	BJW
DESIGN CHECKED	JRW / JPM
DETAILED	BJW
DRAWING CHECKED	JRW / JPM
FILE NAME	2080-DETAILS.dwg
DRAWING DATE	1/4/13
DRAWING SCALE	AS SHOWN
SHEET	9 OF 10



EXISTING



PROPOSED



- NOTES:
1. MAINTAIN EXISTING VEGETATIVE BUFFER STRIP.
  2. CONTRACTOR IS TO INSTALL A CONCRETE WASH OUT AREA (INCIDENTAL TO OTHER ITEMS)

77 Southway, Suite C  
Lewiston, Id. 83501  
Phone: (208) 743-3818  
Fax: (208) 743-3819

**RIEDEL**  
Engineering

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REVISIONS	
NO	DESCRIPTION
1	
2	
3	
4	
5	
6	

HARRY WALL INDUSTRIAL PARK  
INFRASTRUCTURE EXTENSION PROJECT

2013

SWPPP



DESIGNED
BJW
DESIGN CHECKED
JRW / JPM
DETAILED
BJW
DRAWING CHECKED
JRW / JPM
FILE NAME
2060-SWPPP.dwg
DRAWING DATE
12/14/12
DRAWING SCALE
AS SHOWN
SHEET 10 OF 10