

SOUTHPORT WATER MAIN EXTENSION & AIRPOINTE BUSINESS PARK

ALL UTILITY PATCH WORK IN THE CITY RIGHT-OF-WAY WILL BE TO RAISE THE UTILITIES AND MONUMENTS PRIOR TO THE PLACEMENT OF ASPHALT. IF THE CONTRACTOR/DEVELOPER CHOOSE NOT TO RAISE THE UTILITIES AND MONUMENT PRIOR TO PAVING, THEY WILL BE REQUIRED TO SAW CUT A ROUND HOLE AROUND THE UTILITIES, AND RAISE THE UTILITY FLUSH WITH THE STREET SURFACE. THE AREA AROUND THE UTILITY WILL BE PATCHED WITH CONCRETE PER THE APPROVED CITY STANDARDS.

D 2 J, INC.
LEWISTON, ID 83501

I, hereby certify that the PROJECT DRAWINGS were prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Idaho.

Professional Engineer's Lic. #6978
Terry W. Nab, P.E.

Terry Nab
Date: Oct. 17, 2011

**PROGRESSIVE
ENGINEERING GROUP, INC**

PLANNING ▽ DESIGN ✦ CONSTRUCTION MANAGEMENT

1208 IDAHO STREET
LEWISTON, IDAHO 83501
PH (208) 746-5406 FAX (208) 746-9732

CITY OF LEWISTON INSPECTION LIST

ITEM	MATERIAL	FREQUENCY	STANDARD	INSPECTOR/CO.	DATE	INITIAL
1. SOILS COMPACTION (All Utility Trenches)						
TRENCH SUBBASE	Native	1/200/4" Compacted L/H				
PIPE BEDDING	3/4" minus Crushed Aggregate	1/200/4" Compacted L/H	95% Per ASTM D-1557			
1ST 1" OF FILL OVER PIPE	3/4" minus Crushed Aggregate	1/200/12" Compacted L/H	95% Per ASTM D-1557			
TRENCH BACKFILL						
NEW CONST. Under Prop Road	Native, Max Agg NTE 4" MSD	1/200/8" Compacted L/H	95% Per ASTM D-1557			
NEW CONST. In Easement/Non-Trafficked Area	Native, Max Agg NTE 4" MSD	1/200/8" Compacted L/H	92% Per ASTM -1557			
TRENCH BACKFILL, Exist Road						
CUT PARALLEL TO CL	Native, Max Agg NTE 4" MSD	1/200/8" Compacted L/H	95% Per ASTM D-1557			
CUT PERP TO CENTERLINE	3/4" minus Crushed Aggregate	1/Perp Cut	95% Per ASTM D-1557			
STRUCTURAL FILLS	As Spec'd by Engineer	As Spec'd by Engineer	As Spec'd by Engineer			
2. STORM DRAIN MAINS						
Gasketed PE Storm Sewer Pipe	Polyethylene, ADS N-12 or Equal					
ALIGNMENT AND GRADE	N/A	Per Plan	Per Manufacturers' Instructions			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Each Joint	Per Manufacturers' Instructions			
PRESSURE TEST	N/A	Between Access Holes	4 PSI for 15 Minutes, 1/2 PSI Drop			
MANHOLES	Concrete	N/A	City Std			
3. WATER MAINS						
Ductile Iron or PVC Water Main	AWWA C-151, C-900, C-905 (Class as Req'd)					
ALIGNMENT AND GRADE	N/A	Per Plan	AWWA C-600, AWWA C-605			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Each Joint	AWWA C-600, AWWA C-605			
THRUST BLOCKS	Concrete, 2500 PSI Mix	Each Joint	Per Plan/Std Dwg			
HYDROSTATIC PRESSURE	N/A	150K Working Pressure @ Low Point	2 Hrs. NTE Allowable Leakage Per AWWA C-600, AWWA C-605			
CHLORINATION/BACTERIA	N/A	2 Consecutive Passing Tests, 24 Hours Apart	AWWA C-651	CITY OF LEWISTON		
4. SEWER MAINS						
PVC Sewer Main	PVC, SDR35	N/A	ASTM 3034			
ALIGNMENT AND GRADE	N/A	Per Plan	N/A			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Each Joint	Per Manufacturers' Instructions			
MANHOLES	Concrete	Each Joint	Hydrostatic Test			
PRESSURE TEST	N/A	Between Access Holes	4 PSI for 15 Minutes, 1/2 PSI Drop			
VIDEO INSPECTION	N/A	Between Access Holes	No Perforations, Dents, or Dimples >0.02			
5. CONCRETE CURB, GUTTER, AND SIDEWALK						
CONCRETE	3500 PSI Concrete w/MRA and AEA	Strength, Slump, Air & Cylinders, 1 Test/50 CY or Min 1 Test Daily	ASTM 1-22, 1-23, 1-119, 1-152, T-309, & WACIT TM-2			
ALIGNMENT AND GRADE	N/A	Per 10' Section	±0.02' from Design Grade/Alignment			
JOINTS/FLATNESS/STRAIGHTNESS	N/A	Per 10' Section	±0.02' / 10' Segment			
FINISH	N/A	All	Flooded, Uniform, Light Broom Finish			
6. ASPHALTIC CONCRETE PAVING						
Hot Mix Asphalt	ITD Class II (3/4" or 1/2") App'd Mix Design		ITD Spec. Sec 405			
Aggregate	Per ITD Spec/App'd Mix Design	1/750 Ton, Min 1 Test	ITD Spec. Sec 703			
Density	92% of Rice Density/App'd Mix Design	1/500 LF, Min 2 Tests	ASTM D-1556			
7. Erosion & Sediment Controls						
	Per Plan	1/Wk of After Every Rainfall	Per Plan and Manufacturers' Instructions			
8. Traffic Control						
	Per Plan	Continuous	MUTCD/ATSSA			
9. Record Drawings						
	AutoCAD Elec File, Bond Paper, 22" x 34" Min size	Before Public Improvements Accepted	City Checklist			