

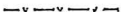
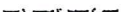
CLEARVIEW EYE CLINIC AND SURGERY CENTER

CIVIL CONSTRUCTION PLANS

CITY INSPECTION CHECKLIST

ITEM	MATERIAL	TEST STANDARD	ACCEPTANCE	TEST FREQUENCY	DISPATCH/CO.	DATE	INITIALS
1. ALL UTILITY TRENCHES & STRUCTURES							
TRENCH SUBGRADE	1/2" (6" to 8" Lts Max.)	Mixture Density Relationship of Soils (ASTM D 1557) (In-Place Density and Moisture Content) (ASTM D 310 Method B)	95% Max. Dry Density	One in place density test every 100 linear feet. If project is less than 100 linear feet, one in place density test per day OR per lot (whichever test frequency is more restrictive)			
PIPE BEDDING	3/4" minus Crushed Aggregate (6" to 8" Max. Lts) (Current ITD Spec 703.04) OR 3/4" minus Crushed Aggregate (6" to 8" Max. Lts) (Current VDOT 703.04-10 Spec 9-03.3)	Mixture Density Relationship of Soils (ASTM D 1557) (In-Place Density and Moisture Content) (ASTM D 310 Method B)	95% Max. Dry Density	One in place density test every 100 linear feet. If project is less than 100 linear feet, one in place density test per day OR per lot (whichever test frequency is more restrictive)			
1st FOOT [12] OF FILL OVER PIPE	3/4" minus Crushed Aggregate (6" to 8" Max. Lts) (Current ITD Spec 703.04) OR 3/4" minus Crushed Aggregate (6" to 8" Max. Lts) (Current VDOT 703.04-10 Spec 9-03.3)	Mixture Density Relationship of Soils (ASTM D 1557) (In-Place Density and Moisture Content) (ASTM D 310 Method B)	95% Max. Dry Density	One in place density test every 100 linear feet. If project is less than 100 linear feet, one in place density test per day OR per lot (whichever test frequency is more restrictive)			
TRENCH BACKFILL UNDER PROPOSED ROAD & SIDEWALK	3/4" minus Crushed Aggregate (6" to 8" Max. Lts) (Current ITD Spec 703.04) OR 3/4" minus Crushed Aggregate (6" to 8" Max. Lts) (Current VDOT 703.04-10 Spec 9-03.3)	Mixture Density Relationship of Soils (ASTM D 1557) (In-Place Density and Moisture Content) (ASTM D 310 Method B)	95% Max. Dry Density	One in place density test every 100 linear feet. If project is less than 100 linear feet, one in place density test per day OR per lot (whichever test frequency is more restrictive)			
TRENCH BACKFILL UNDER BASEMENT / NON-PROPOSED AREA	Native Soil Free of Unstable Material at 4" Max. Particle Size (6" Max. Lts)	Mixture Density Relationship of Soils (ASTM D 1557) (In-Place Density and Moisture Content) (ASTM D 310 Method B)	97% Max. Dry Density	One in place density test every 100 linear feet. If project is less than 100 linear feet, one in place density test per day OR per lot (whichever test frequency is more restrictive)			
STRUCTURAL FILL	As Spec'd by Engineer	As Spec'd by Engineer		As Spec'd by Engineer			
2. STORM DRAIN MAINS GALVANIZED STEEL SLOPED PIPE ALIGNMENT AND GRADE JOINTS (Refer to Project Plan Embedment) PIPELINES TEST MANHOLES VIDEO INSPECTION	Refer to Plans, ADS 14-2 to ADS 15-1 N/A N/A N/A Concrete N/A	Per Manufacturer's Instructions Per Manufacturer's Instructions As Spec'd by Civil Engineer Per Approved Plans City 2012-3	Confirmed & Visually by City	Per Plan Each Joint Each Joint Between Access Holes	Confirmed & Visually by City		
3. WATER MAINS DUCTILE IRON OR PVC WATER MAIN ALIGNMENT AND GRADE JOINTS (Refer to Project Plan Embedment) THURUST BLOCKS	AWWA C-151, C-600, C-595 (Call as Rev'd) N/A N/A Concrete, 3100 PSI Min	AWWA C-600, AWWA C-695 AWWA C-600, AWWA C-695 Per Approved Plans City 2012-3 & 4	Confirmed & Visually by City	Per Plan Each Joint Each Joint Between Access Holes	Confirmed & Visually by City		
HYDROSTATIC PRESSURE	N/A	12 Hrs. HITE Alternate Leaking Per AWWA C-600, AWWA C-695		100% Working Pressure OR 150 P.S.I. Working Pressure in the Water Section			
CHLORINATION/BACTERIA	N/A	AWWA C-651		Radical Testing (no negative testing samples 4 hours apart)	City of London		
4. WASTEWATER MAINS PVC WASTEWATER MAIN ALIGNMENT AND GRADE JOINTS (Refer to Project Plan Embedment) MANHOLES PRESSURE TEST VIDEO INSPECTION	PVC, SDR 26 N/A N/A Concrete N/A N/A	AS 103 30 Sec Per Manufacturer's Instructions Hydraulic Test 4 PSI for 15 Minutes, 10 PSI Drop No Penetrations, Drops or Disks, No Defects > 0.001"	Confirmed & Visually by City	Per Plan Each Joint Each Joint Between Access Holes Per 10' Section Per 10' Section Ends of Access Area	Confirmed & Visually by City		
5. CONCRETE CURB, GUTTER & SIDEWALK		ASTM C 1097 Compressive Strength of Concrete ASTM C 1098 Slump Test ASTM C 1190 Air Content of Freshly Mixed Concrete ASTM C 1191 Air Content of Freshly Mixed Concrete ASTM C 1192 Air Content of Freshly Mixed Concrete ASTM C 1193 Air Content of Freshly Mixed Concrete ASTM C 1194 Air Content of Freshly Mixed Concrete ASTM C 1195 Air Content of Freshly Mixed Concrete ASTM C 1196 Air Content of Freshly Mixed Concrete ASTM C 1197 Air Content of Freshly Mixed Concrete ASTM C 1198 Air Content of Freshly Mixed Concrete ASTM C 1199 Air Content of Freshly Mixed Concrete ASTM C 1200 Air Content of Freshly Mixed Concrete ASTM C 1201 Air Content of Freshly Mixed Concrete ASTM C 1202 Air Content of Freshly Mixed Concrete ASTM C 1203 Air Content of Freshly Mixed Concrete ASTM C 1204 Air Content of Freshly Mixed Concrete ASTM C 1205 Air Content of Freshly Mixed Concrete ASTM C 1206 Air Content of Freshly Mixed Concrete ASTM C 1207 Air Content of Freshly Mixed 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LEGEND

	PROPOSED A.C. PAVEMENT		EXISTING A.C. PAVEMENT
	PROPOSED CONCRETE		EXISTING CONCRETE
	PROPOSED SAN. SEWER		EXISTING SAN. SEWER
	PROPOSED STORM SEWER		EXISTING STORM SEWER
	PROPOSED WATER LINE		EXISTING WATER LINE
	PROPOSED FIRE PROTECTION		EXISTING FIRE PROTECTION
	PROPOSED CATCH BASIN		EXISTING CATCH BASIN
	PROPOSED MANHOLE		EXISTING MANHOLE
	PROPOSED GATE VALVE		EXISTING GATE VALVE
	PROPOSED FIRE HYDRANT		EXISTING FIRE HYDRANT
	PROPOSED THRUST BLOCK		EXISTING THRUST BLOCK
	PROPOSED WATER METER		EXISTING WATER METER
	PROPOSED POST INDICATOR VALVE		EXISTING POST INDICATOR VALVE
	PROPOSED CONTOUR LINE		EXISTING CONTOUR LINE
	PROPOSED SPOT ELEVATION		EXISTING SPOT ELEVATION
	PROPERTY LINE		EXISTING UTILITY
	CENTERLINE		
	SILT FENCE		
	GRADE BREAK LINE		

CONTACTS

OWNER
CLEARVIEW
2500 WEST STREET, SUITE 300
MOSCOW, ID 83483
PHONE: 208-882-4662
FAX: 208-882-6557

DESIGN-BUILD CONTRACTOR

KENASTON CORPORATION
2517 MAIN STREET, PO BOX 245
LEWISTON, ID 83501
PHONE: 208-746-1351
FAX: 208-746-1937

GEOTECHNICAL SERVICES

ALLWEST TESTING & ENGINEERING, LLC
2705 E. MAIN STREET
LEWISTON, IDAHO

UTILITY PROVIDERS

SANITARY SEWER	CITY OF LEWISTON	208-746-1316
WATER	CITY OF LEWISTON	208-746-1316
POWER	AVISTA (DAVE FOWLER)	208-791-7150
TELECOM.	CENTURY LINK (JULIO MENDEZ)	208-798-8390
TELECOM.	XO (SEAN P. SCANLON)	509-444-8556
CABLE T.V.	CABLEONE (TOM DONAHUE)	208-791-5032

PUBLIC IMPROVEMENT QUANTITIES

- | | | |
|----|-----------------------|----------|
| 1. | <u>WATER LINE</u> | |
| | 6" DR14 C900 PVC | 165 L.F. |
| | FIRE HYDRANT | 1 EA. |
| 2. | <u>SANITARY SEWER</u> | |
| | 8" PVC | 113 L.F. |
| | SSMH1 | 62 V.F. |

SHEET INDEX

- | | |
|----|---|
| C1 | EXISTING SITE CONDITIONS |
| C2 | SITE DEVELOPMENT PLAN |
| C3 | SITE GRADING PLAN |
| C4 | RETAINING WALL PLAN & PROFILE |
| C5 | DETAILS |
| C6 | STANDARD DETAILS |
| C7 | STANDARD DETAILS |
| C8 | CONSTRUCTION EROSION & SEDIMENT CONTROL |

BB# 905-796-485

12/15/14

RECEIVED
12/15/14
via email from HED's
REVISION

2014-12-15 REVIEW SET - NOT FOR CONSTRUCTION

**LEW EYE CLINIC AND SURGERY CENTER
CIVIL CONSTRUCTION PLANS
2840 JUNIPER DRIVE
LEWISTON, IDAHO**

u14-00021 #3

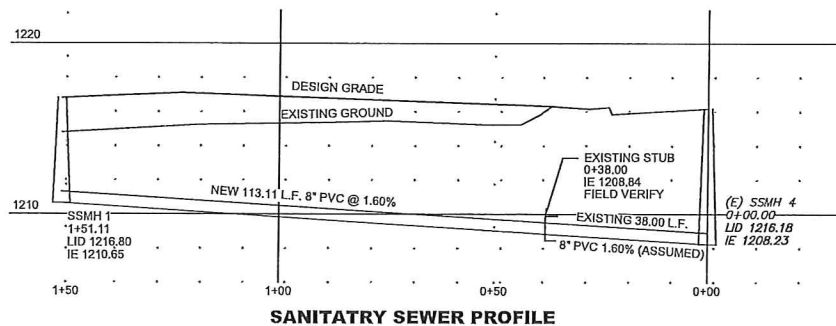


HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 738-5422

SHEET

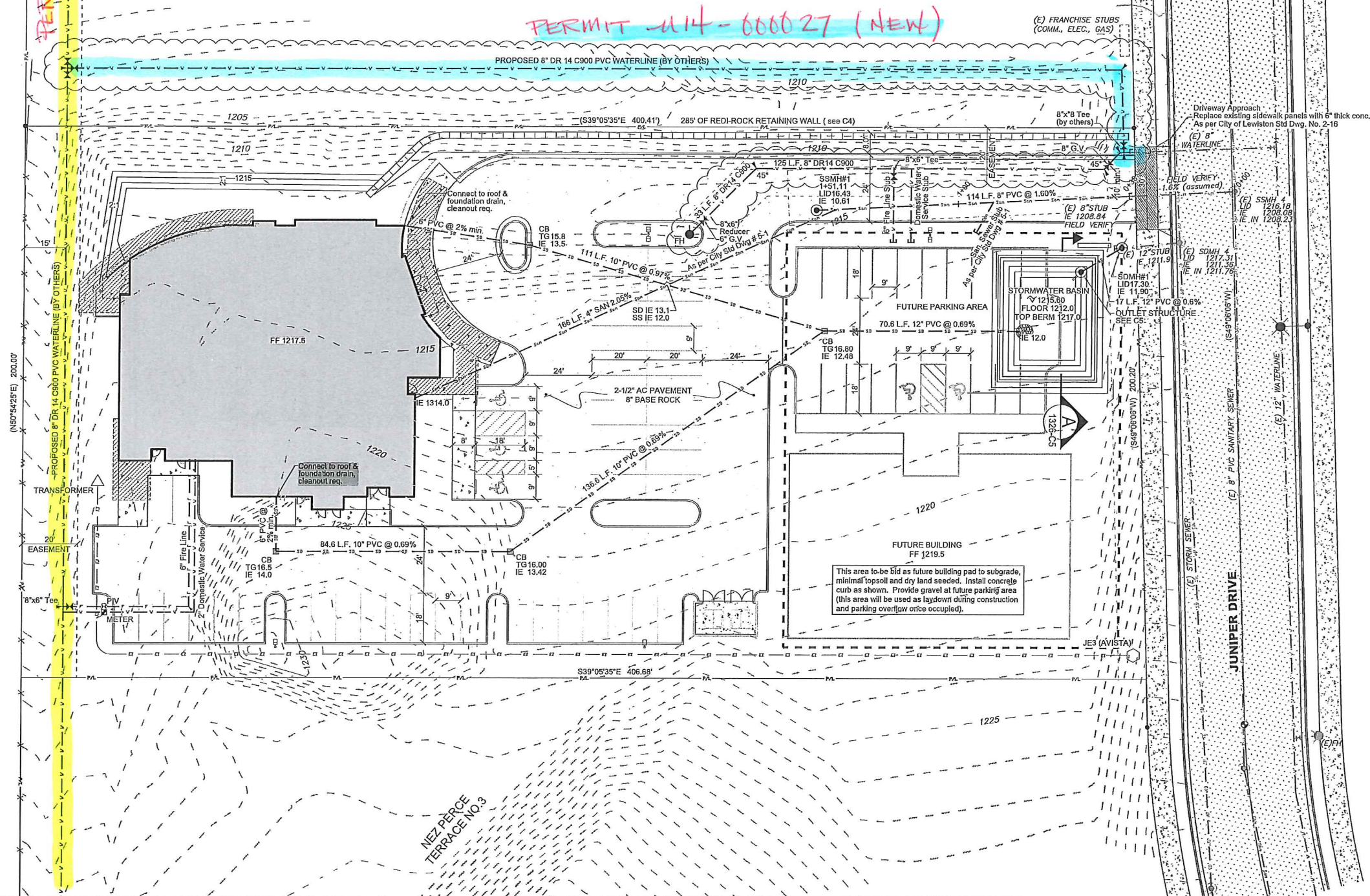


NOTE
All watermain materials and installation shall conform to ISPWC construction specifications.



LOT 2/LOT 10,
NEZ PERCE
PLAZA NO. 7

PERMIT #14-000027 (NEW)



LOT 9, NEZ PERCE
PLAZA NO. 1

N50°54'25"E) 200.00'

TRANSFORMER

20'

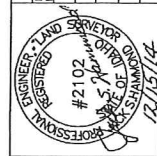
EASEMENT

NEZ PÉRCE
TERRACE NO.3

This area to be bid as future building pad to subgrade, minimal topsoil and dry land seeded. Install concrete curb as shown. Provide gravel at future parking area (this area will be used as laydown during construction and parking overflow once occupied).

WINNIPEG DRIVE

REVISION			CHECKED	APPRO.
REV. N°	DATE	DESCRIPTION		
A	11/14/14	Rev: Waterline alignment, SWD Pond location, Retaining Wall, Site grading		
B	11/17/14	Rev: Waterline annotation		
C	12/15/14	Rev: Waterline alignment; City review comments (12/20/14)		



SCALE	1"=20'	SHEET SIZE	D
DRAWN BY	MEE	CHECKED BY	JSH
DATE	10-07-14	JOB #	1326
SHEET		C2	
DRAWING #		1326-C2	

**CLEARVIEW EYE CLINIC AND SURGERY CENTER
SITE DEVELOPMENT PLAN
2840 JUNIPER DRIVE
LEWISTON, IDAHO**

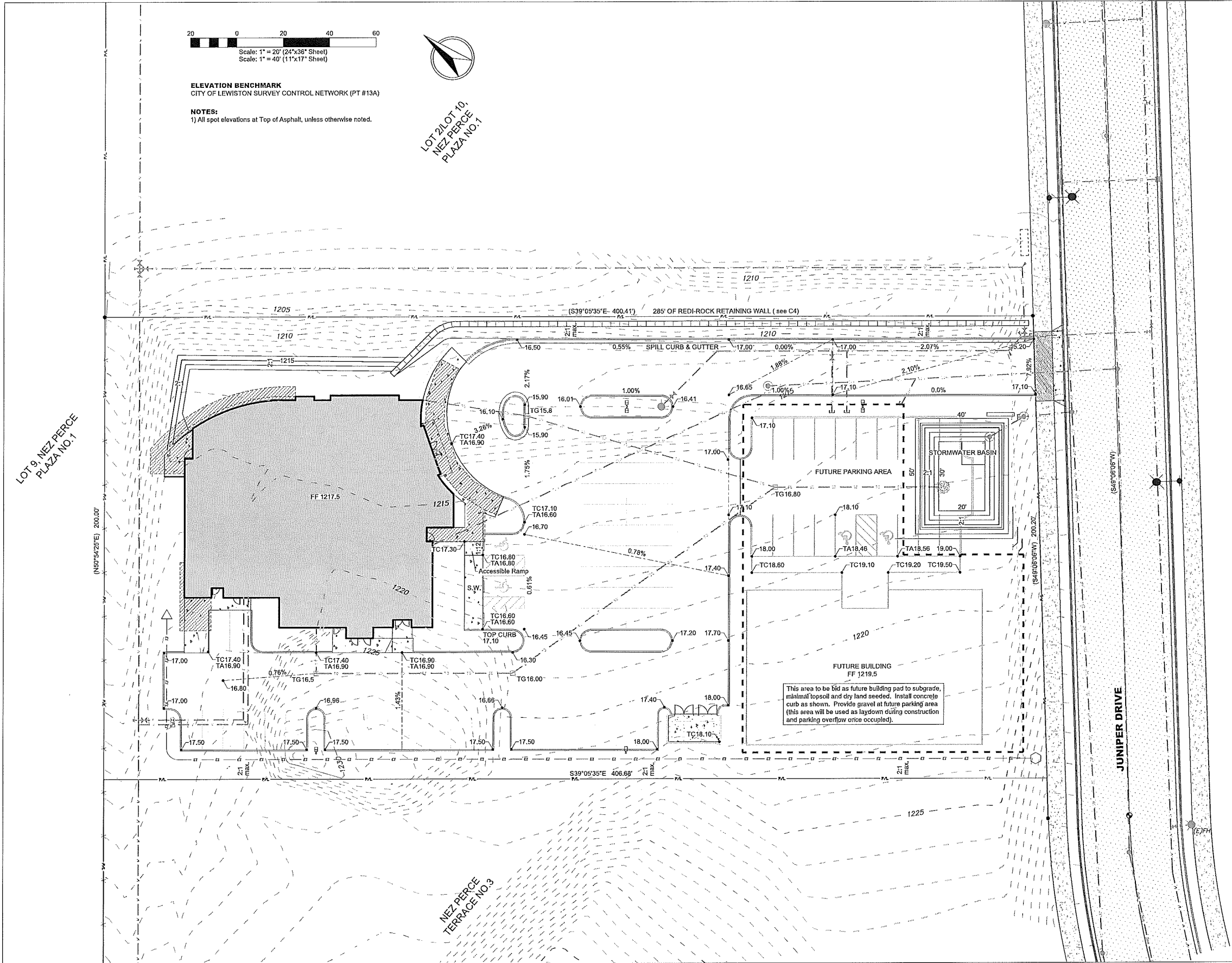


HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

SHEET

C2

u14-00021 #3



20 0 20 40 60
Scale: 1" = 20' (24"x36" Sheet)
Scale: 1" = 40' (11"x17" Sheet)

ELEVATION BENCHMARK
CITY OF LEWISTON SURVEY CONTROL NETWORK (PT #13A)

NOTES:
1) All spot elevations at Top of Asphalt, unless otherwise noted.

LOT 2/LOT 10,
NEZ PERCE
PLAZA NO. 1

LOT 9, NEZ PERCE
PLAZA NO. 1

NEZ PERCE
TERRACE NO. 3

This area to be bid as future building pad to subgrade, minimal topsoil and dry land seeded. Install concrete curb as shown. Provide gravel at future parking area (this area will be used as laydown during construction and parking overflow once occupied).



HAMMOND ENGINEERING & DEVELOPMENT CO.
525 BRYDEN PARKWAY, LEWISTON, IDAHO 83501
(208) 795-5422

CLEARVIEW EYE CLINIC AND SURGERY CENTER
SITE GRADING PLAN
2840 JUNIPER DRIVE
LEWISTON, IDAHO

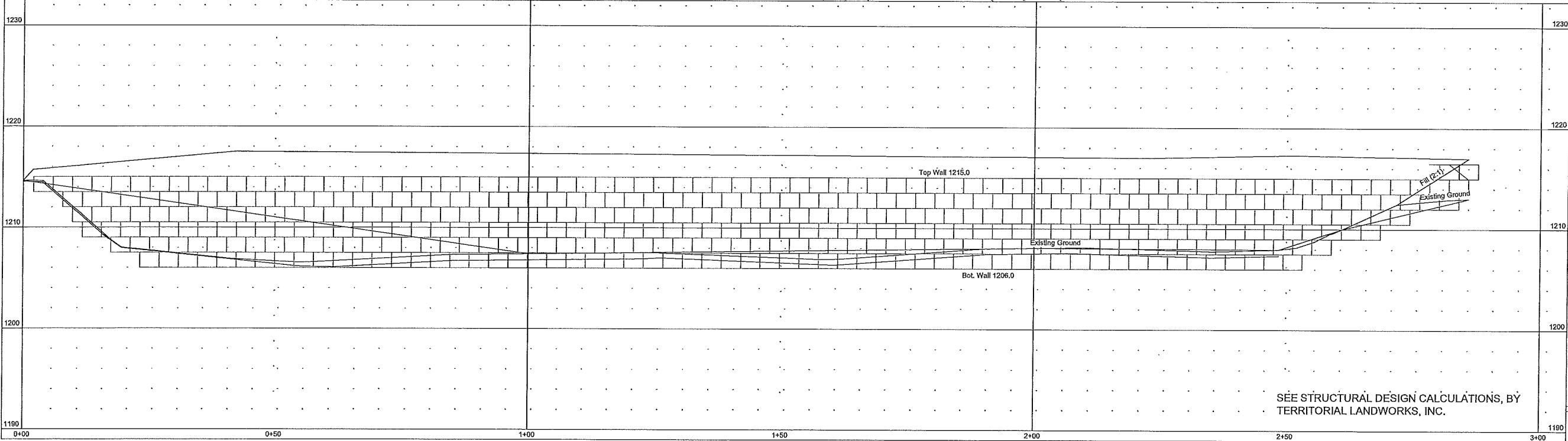
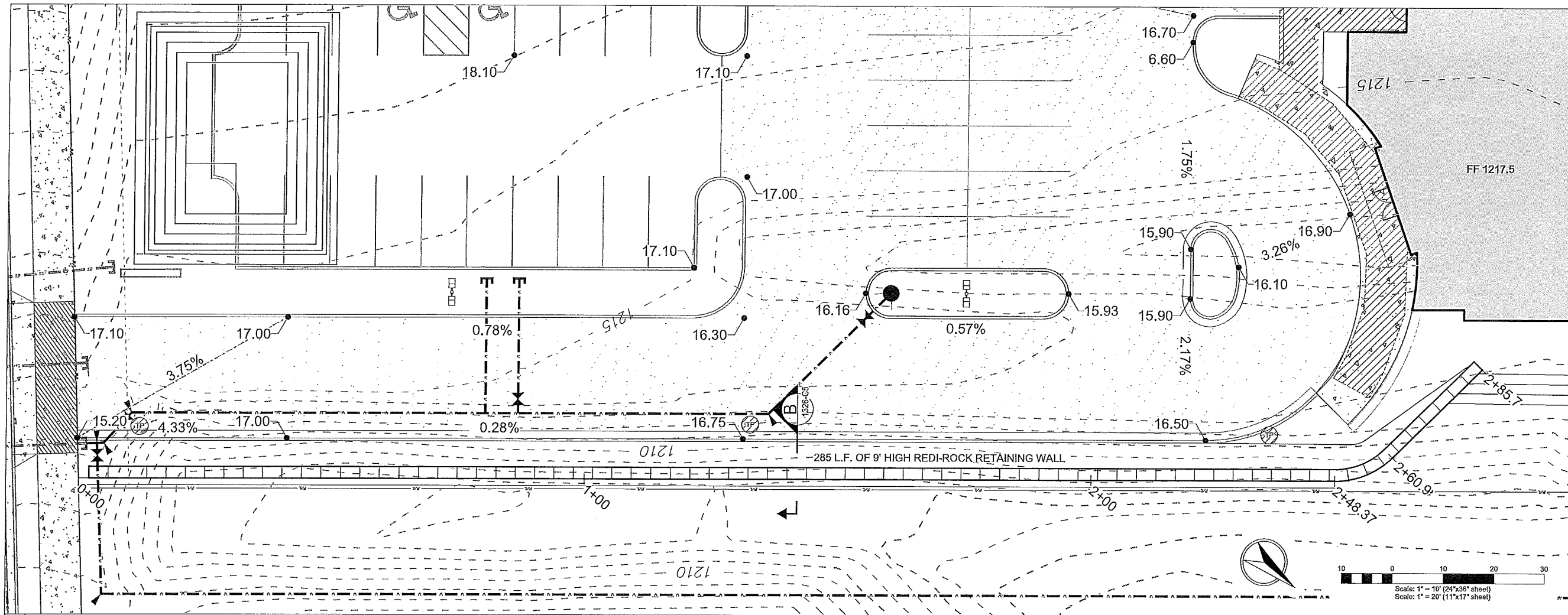
SHEET
C3

SCALE	SHEET SIZE
1"=20'	D
1"=40'	C3



REVISION	DATE	DESCRIPTION	CHECKED	APPD.
A	11-14-14	Rev: Woodline alignment, SVD Point location, Retaining Wall, Site grading		
B	12-15-14	Rev: Woodline alignment, City review comments (120814)		

DRAWING # 1326-C3



SEE STRUCTURAL DESIGN CALCULATIONS, BY
TERRITORIAL LANDWORKS, INC.

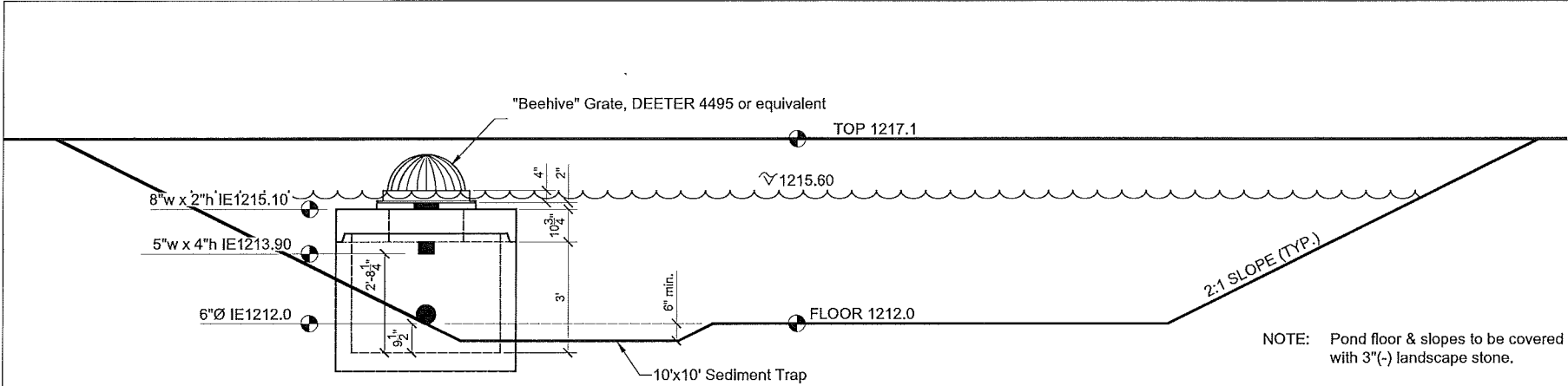
REVISION		DATE	BY	APP'D.
DESCRIPTION				
A 11-14-14 Rev. Wapinitia alignment, SWD Pond location, Raining Wall, site grading				
B 12-15-14 Rev. Wapinitia alignment, City review comments (12/8/14)				

SHEET SIZE		CHECKED BY		DRAWN BY	
D		JSH		MEE	
11-10-14		1208		11-10-14	
SHEET		C4		DRAWING #	
1326-C4					

CLEARVIEW EYE CLINIC AND SURGERY CENTER
RETAINING WALL PLAN & PROFILE
2840 JUNIPER DRIVE
LEWISTON, IDAHO

HEDCO
HAMMOND ENGINEERING & DEVELOPMENT CO.
528 BRYDEN AVENUE LEWISTON, IDAHO 83501
(208) 798-5422

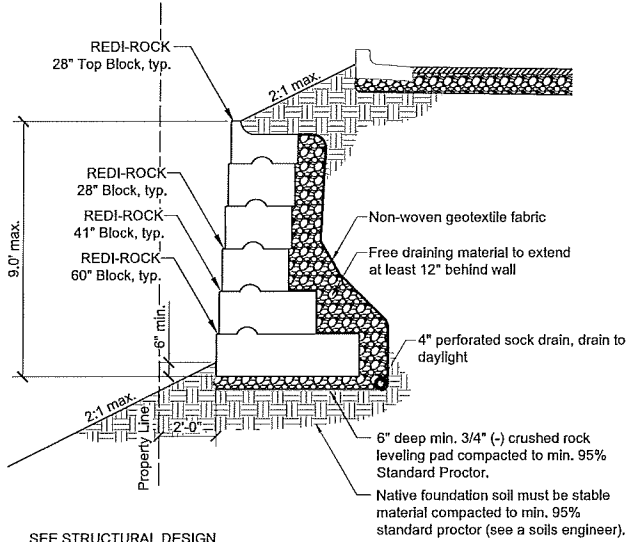
SHEET
C4



NOTE: Pond floor & slopes to be covered with 3"(-) landscape stone.

STORMWATER DETENTION POND & OUTLET STRUCTURE

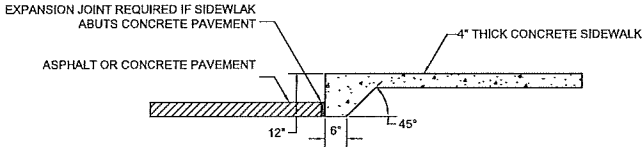
DETAIL A
NO SCALE 1326-C2



SEE STRUCTURAL DESIGN CALCULATIONS, BY TERRITORIAL LANDWORKS, INC.

REDI-ROCK RETAINING WALL

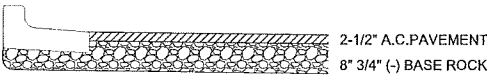
DETAIL B
NO SCALE 1326-C4



SIDEWALK - THICKENED EDGE DETAIL

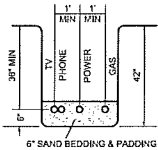
N.T.S.

THICKENED EDGE SIDEWALK SHALL BE INSTALLED WHEN SIDEWALK ABUTS PAVED PARKING AREA.

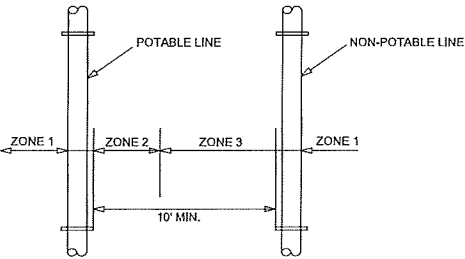


PARKING LOT X-SECTION

FRANCHISE UTILITIES TRENCH DETAIL



LINE SEPARATIONS



ZONE 1: (MORE THAN 10 FEET APART)

ZONE 2: (FROM 6 TO 10 FEET APART)

- * Potable and Non-Potable mains separated by at least 6 feet at outside walls and
- * Potable main higher in elevation than Non-Potable mains and
- * Non-Potable mains constructed to with Potable water class pipe and pressure tested for water-tightness.

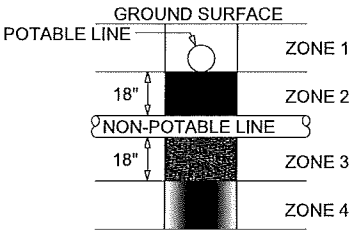
Zone 3: (CLOSER THAN 6 FEET APART)

- * For Mains and Services, Design Engineer to submit data to Department for review and approval that this installation will protect public health and environment and non-potable line constructed with potable water class pipe.

NOTES:

1. ALL EARTHWORK SHALL BE COMPACTED TO 95% OF AASHTO T-99 PROCTOR VALUE.
2. ALL POTABLE WATER LINES RUNNING FROM MAIN TO METERS WILL BE 2" AND METERS WILL BE 1" TYP.
3. SANITARY SEWERS SHALL HAVE 3.0' MIN. COVER & SERVICE LATERALS SHALL HAVE 2.0% MIN. GRADE, STORM DRAINS SHALL HAVE 2.0' MIN. COVER
4. ALL PARKING & DRIVEWAY AREAS ARE TO BE PAVED WITH 2.5" A.C. & 8" AGGREGATE BASE ROCK OVER GEOTEXTILE FABRIC.
5. ALL PARKING STALLS ARE TO BE PERMANENTLY MARKED WITH STRIPES AND SIGNS AT THE HANDICAP STALLS, TO LEWISTON CITY STANDARDS.
6. ALL WORK DONE WITHIN CITY RIGHT OF WAY TO BE DONE IN ACCORDANCE WITH CITY STANDARDS.
7. WATER MAIN PIPING, FIRE HYDRANTS AND VALVES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CITY OF LEWISTON STANDARDS.
8. SANITARY SEWER PIPING AND MANHOLES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CITY OF LEWISTON STANDARDS.
9. ALL AVISTA CONDUITS WILL BE SCHEDULE 40 GRAY ELECTRICAL CONDUIT (LARGE SWEEPS, LONG COUPLERS)
10. A RIGHT-OF-WAY PERMIT SHALL BE OBTAINED THROUGH THE PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK WITHIN PUBLIC RIGHT-OF-WAY.
11. SITE DISTANCES FOR ABUTTING PROPERTIES, DRIVEWAYS AND INTERSECTIONS SHALL BE MAINTAINED.
12. 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 STREET RIGHT-OF-WAY, AN TO ELIMINATE TRACKING SOIL AND MUD ONTO STREETS FROM CONSTRUCTION EQUIPMENT AND VEHICLES. THE DEVELOPER IS RESPONSIBLE FOR STREET CLEANUP AT THE END OF EACH SHIFT.
13. ALL CONSTRUCTION NOT SPECIFICALLY MENTIONED OR SHOWN SHALL CONFORM TO CITY ORDINANCES AND STANDARDS.

LINE CROSSINGS



ZONE 1:
A) Potable Water and Non-potable Mains and Service Lines must be separated by at least 18 inches and

B) One full, uncut length of Non-Potable pipe must be centered so that the joints are as far as possible from the crossing.

ZONE 2: Potable line<18" over the top of Non-Potable line (Main and Services).

A) One full, uncut length of Non-Potable Water pipe must be centered on the crossing so that the joints are as far as possible from the Non-Potable line and either B)

Non-Potable line must be constructed to Potable water pipe standards and pressure tested for water tightness for a horizontal distance of 10 feet on both sides of crossing.

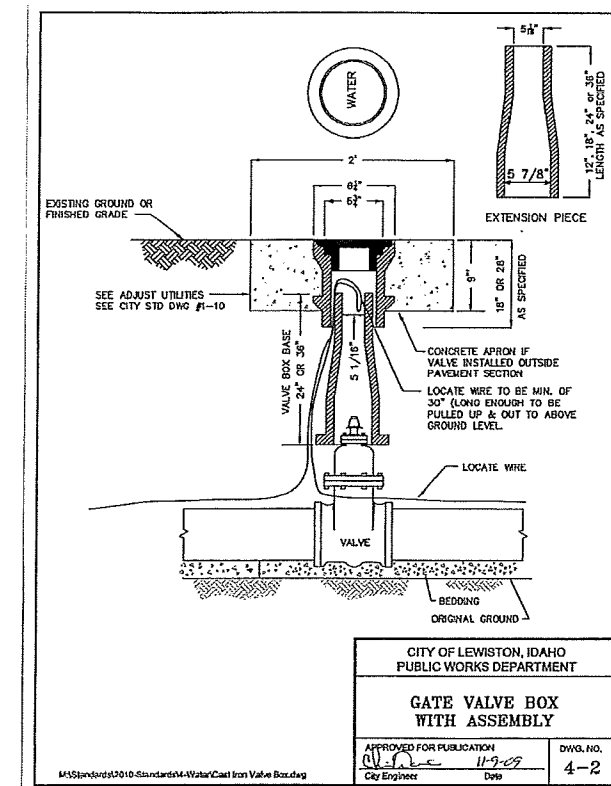
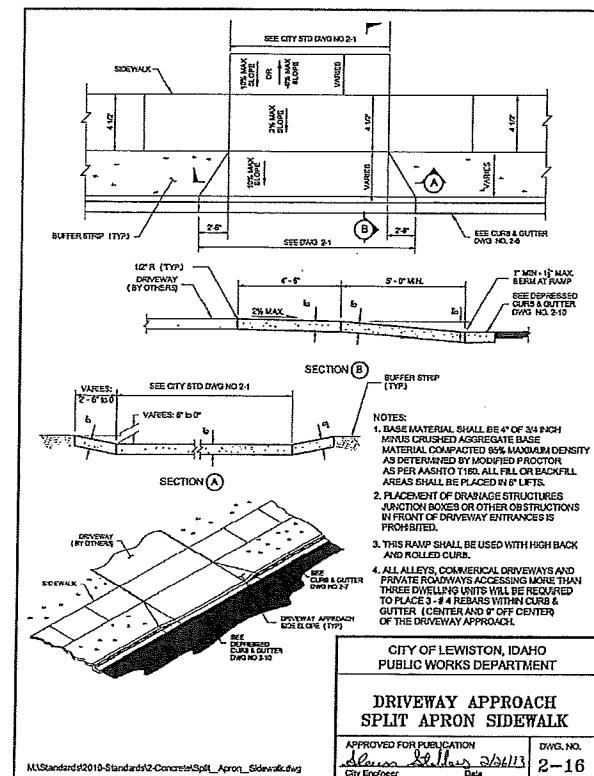
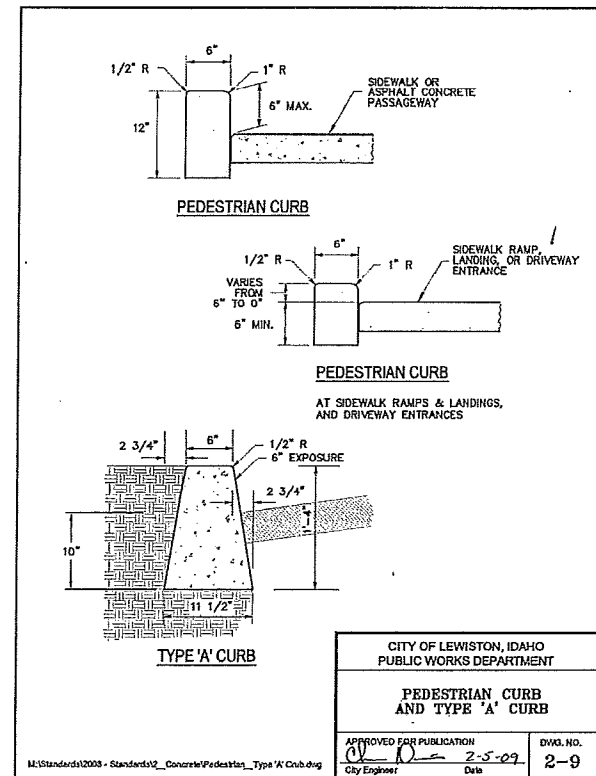
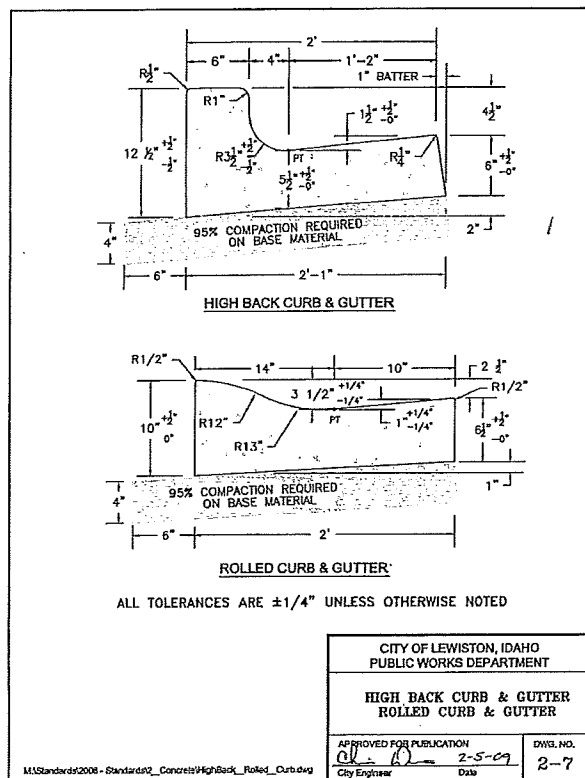
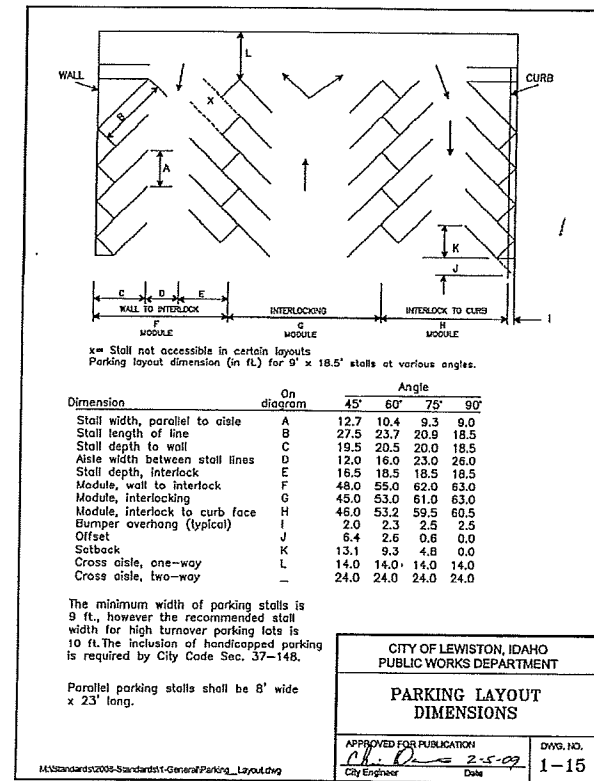
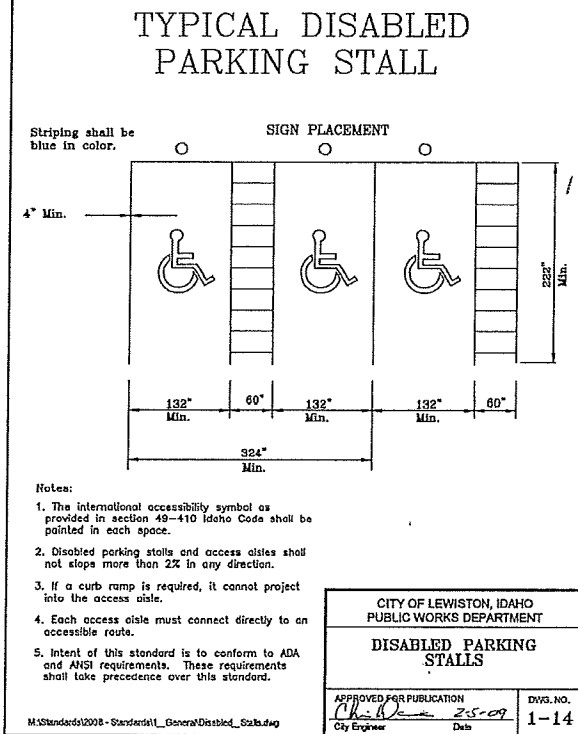
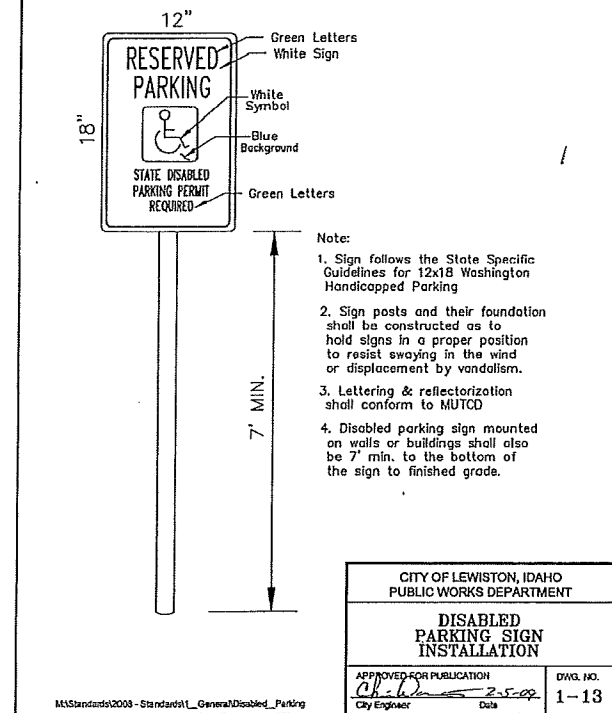
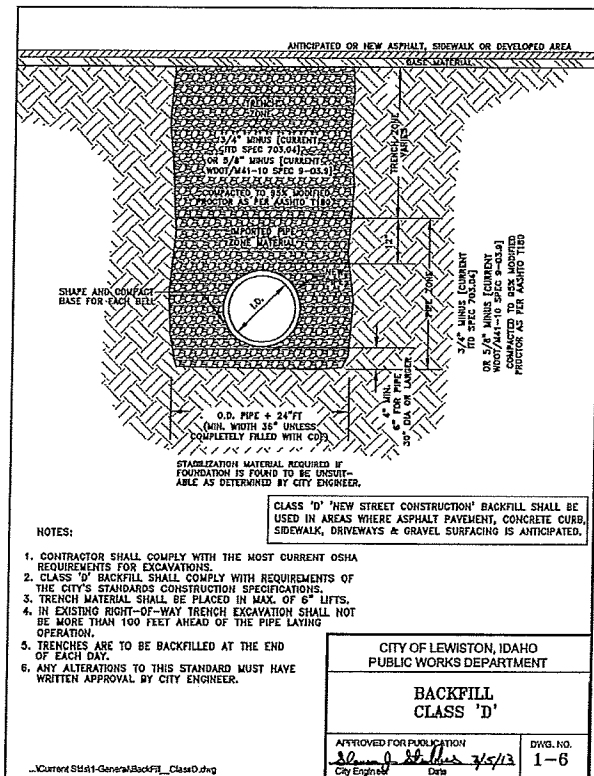
or C)
Non-Potable or potable line must be cased in a larger diameter carrier pipe for a horizontal distance of 10 feet on both sides of the crossing, with no joints.

ZONE 3: Same requirements as Zone 2 except the Non-Potable line must also be supported above the crossing to prevent settling.

ZONE 4: Same requirements as Zone 1 except the Non-potable line must also be supported above the crossing to prevent settling.

Sewage mains shall have at least eighteen inches of clearance from Potable Water mains and Zones 2 and 3 placements are prohibited. Separation requirements also apply to Potable and Non-Potable service lines controlled by the system owner and extending to the property line, service meter, or cleanout. Refer to IDAPA 58.01.01.542.07: Idaho Rules for Public Drinking Water Systems and IDAPA 58.01.16.430.0 Idaho Wastewater Rules.

		HAMMOND ENGINEERING & DEVELOPMENT CO. 529 BRYDEN AVENUE LEWISTON, IDAHO 83501 (208) 746-0222	
SHEET		C5	
CLEARVIEW EYE CLINIC AND SURGERY CENTER DETAILS 2840 JUNIPER DRIVE LEWISTON, IDAHO			
SCALE	SHEET SIZE	REV. DATE	DESCRIPTION
	D	11-14-14	Rev: Waterline alignment, SWO Dept location, Retaining Wall, Site grading
		12-15-14	Rev: Waterline alignment, City review comments (12/09/14)

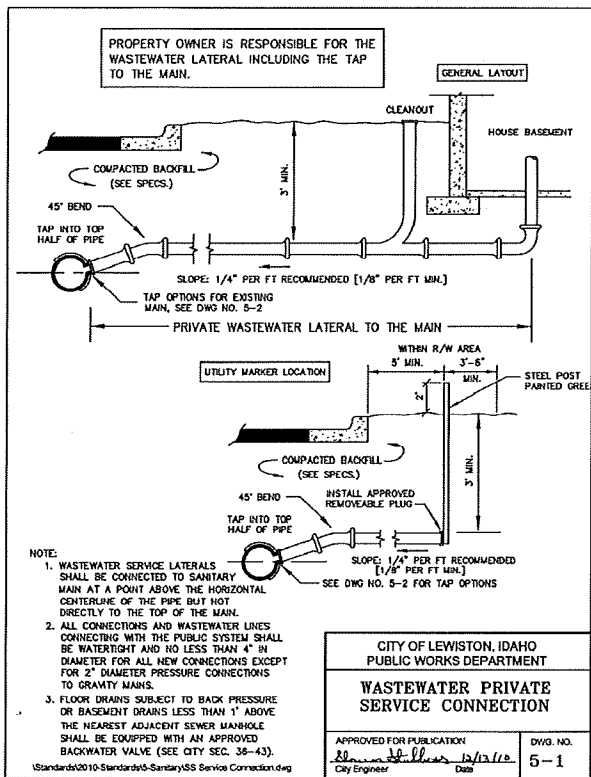
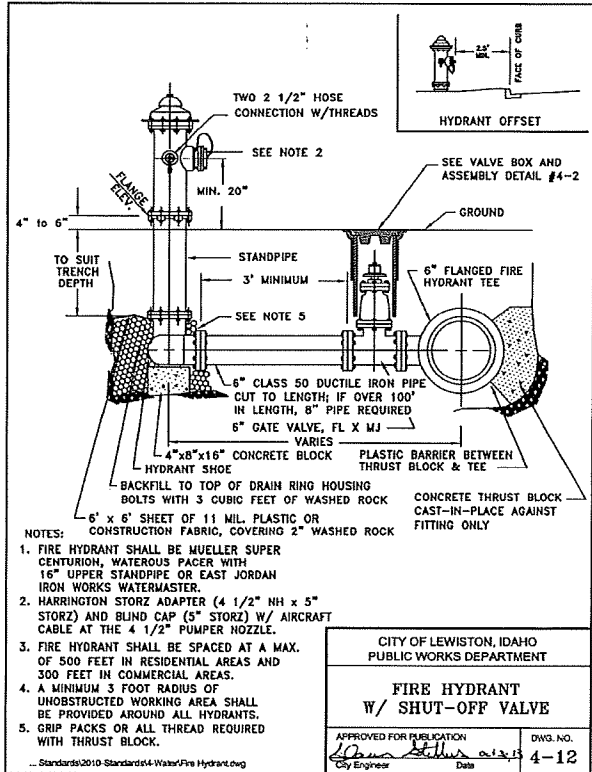
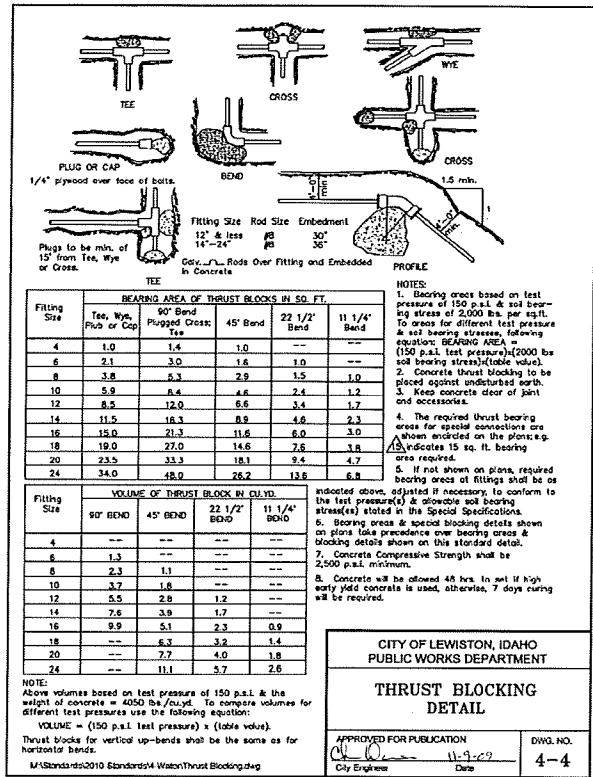


**CLEARVIEW EYE CLINIC AND SURGERY CENTER
STANDARD DETAILS
2840 JUNIPER DRIVE
LEWISTON, IDAHO**

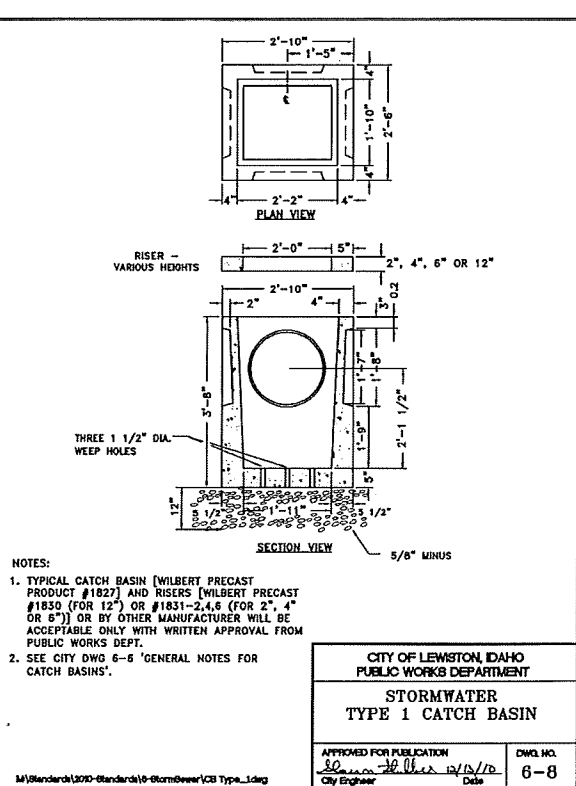
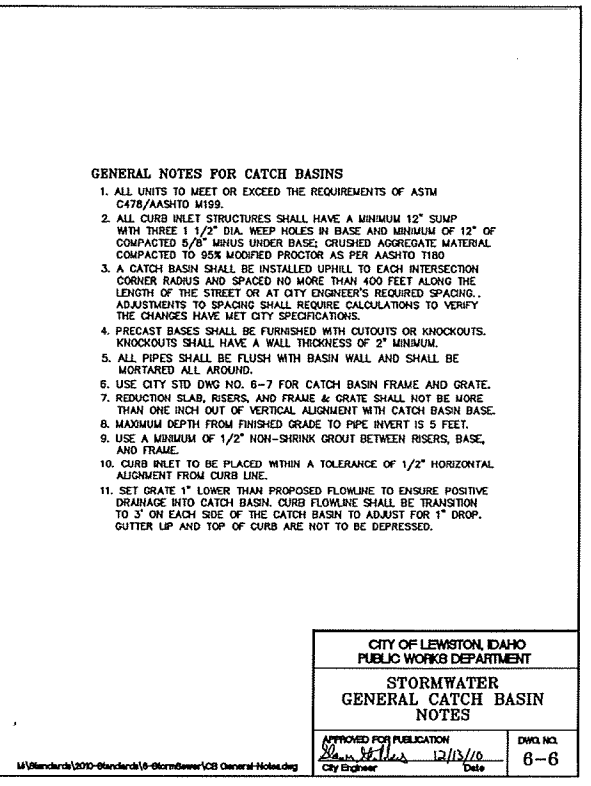
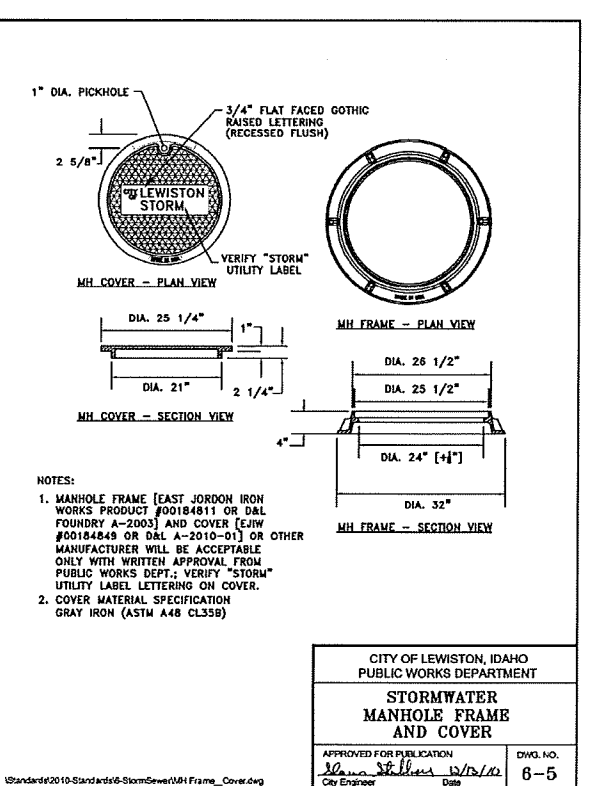
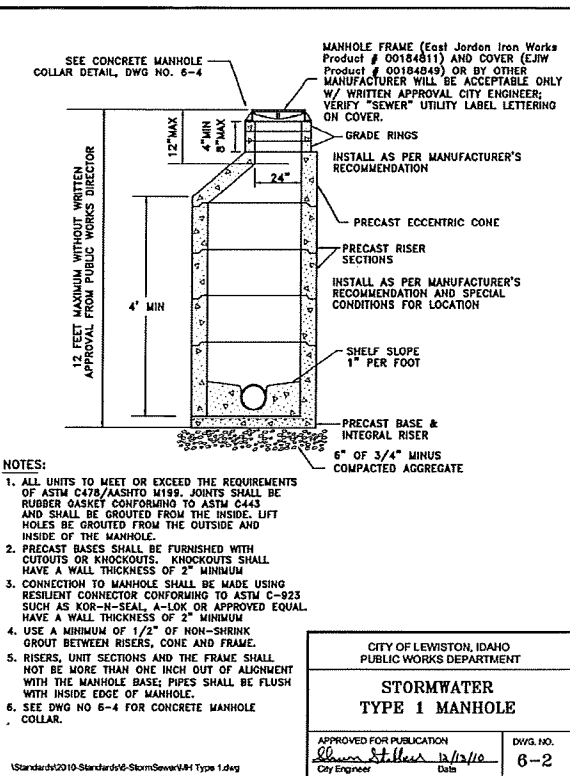
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HANMOND ENGINEERING & DEVELOPMENT CO.
528 BROOK AVENUE LEWISTON, IDAHO 83801
(208) 758-5422

SHEET **C6**



- GENERAL NOTES FOR STORMWATER SYSTEMS
- ALL WORK SHALL CONFORM TO CURRENT IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPCW) 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 DEFINES THE POLICIES, MINIMUM STANDARDS, REQUIREMENTS, AND PROCEDURES FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF PRIVATE STORMWATER SYSTEMS.
 - ANY REPAIR, MAINTENANCE OR ALTERATION OF A PUBLIC STORM LINE OR DRAINAGE MUST BE APPROVED BY CITY ENGINEER.
 - THE CONTRACTOR MUST SECURE APPROVAL FROM THE CITY ENGINEER PRIOR TO ADDING OR REMOVING FILL BACKFILL OVER PUBLIC STORM DRAIN MAINLINE.
 - THE ENGINEERING INSPECTOR SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING WORK ON STORM DRAINS.
 - ALL PUBLIC STORM DRAIN LINES SHALL BE VIDEO TAPED AND SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO PAVING. CITY SHALL HAVE FORTY-EIGHT (48) HOURS FOR REVIEW.
 - 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 (208) 791-8453 OR 748-1316 FOR INSPECTION SCHEDULING.
 - 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, BUT MUST MEET CITY 605.02 SPECIFICATIONS IF PART OF THE CITY'S STORMWATER SYSTEM.
 - 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.
 - 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.
 - STEEP SLOPE INSTALLATION SHALL BE INSTALLED AS PER MANUFACTURERS PIPE SPECIFICATIONS.
 - MANHOLE SHALL BE INSTALLED AT THE END OF EACH LINE, AT ALL CHANGE IN SIZE OR ALIGNMENT, AT DISTANCE NOT GREATER THAN 350 FEET OR AT CITY ENGINEER'S REQUIRED SPACING. ALL OTHER CHANGES IN SPACING MUST HAVE WRITTEN APPROVAL FROM PUBLIC WORKS DEPARTMENT.
 - LOCATING WIRE SHALL BE INSTALLED WITH ALL PUBLIC STORM PIPE INSTALLATIONS. SEE CITY DWG 1-8, "IDENTIFYING TAPE DETAIL".
 - CATCH BASINS AND MANHOLES SHALL BE ACCESSIBLE TO VEHICLES AND EQUIPMENT FOR MAINTENANCE AND BE WITHIN RIGHT-OF-WAY OF A MINIMUM EASEMENT WIDTH OF 20 FEET. PROPOSED ACCESS ROUTE MUST BE APPROVED BY CITY ENGINEER. MAINTENANCE ACCESS ROUTES THAT DO NOT FOLLOW THE STORMLINE MUST HAVE A MINIMUM 12' EASEMENT.



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