

# DAWSON HILLS APARTMENTS CITY OF LEWISTON NEZ PERCE COUNTY, IDAHO



Know what's below.  
Call before you dig.

### DRAWING INDEX

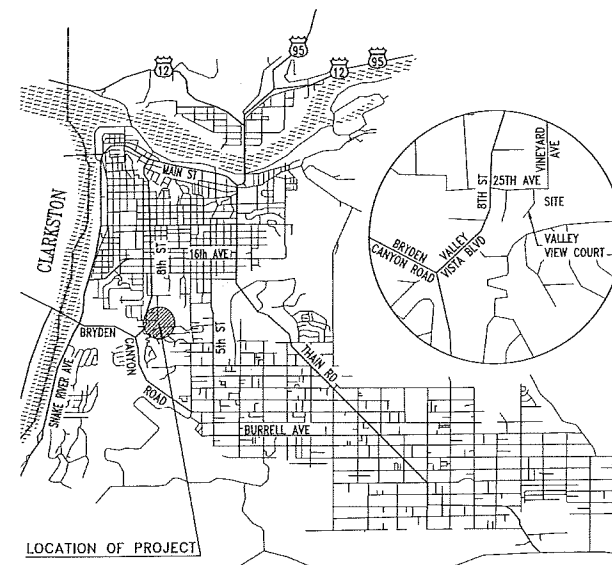
Sheet Number	Sheet Title
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### LEGAL DESCRIPTION

(Per Quitclaim Deed Instrument #761657)  
Lots 2 and 3 and that part of Lot 5 lying North of the legal bounds of 25th Avenue and Vineyard Drive, Block 19, Lewiston Vineyards Tract No. 2 to the City of Lewiston, according to the recorded plat thereof, records of Nez Perce County, Idaho.  
AND  
That portion of Vineyard Avenue lying between Blocks 18 and 19 of Lewiston Vineyards Tract No. 2 and lying South of the Southerly right-of-way line of 25th Avenue and North of the Northerly right-of-way line of 26th Avenue and Vineyard Drive.  
AND  
That portion of the 16-foot alley within Block 19, Lewiston Vineyards Tract No. 2, lying East of the Easterly right-of-way line of Vineyard Drive and West of the Westerly right-of-way line of Ravine Road.

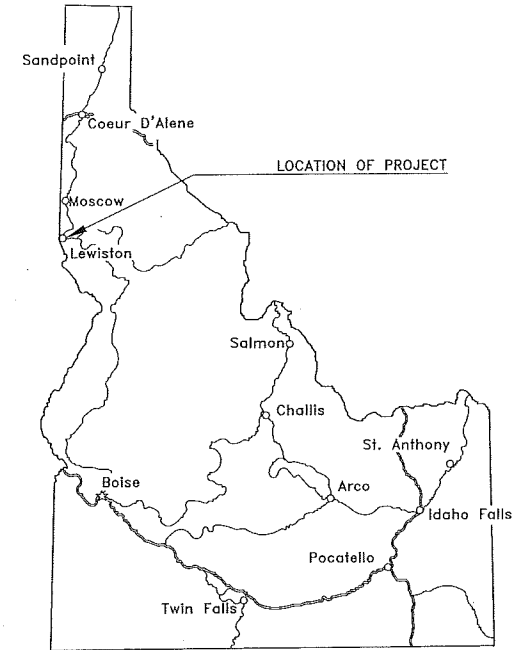
### BASIS OF ELEVATION

The Basis of Elevation for this survey is NAVD88, established by GPS. The base position being corrected by NGS Online Positioning User Service (OPUS).  
A Temporary Bench Mark (TBM) was established on the found brass cap centerline monument, in a monument wall, at the intersection of 25th Avenue and Valley View Court (CP #2) shown hereon as 1039.55 feet.



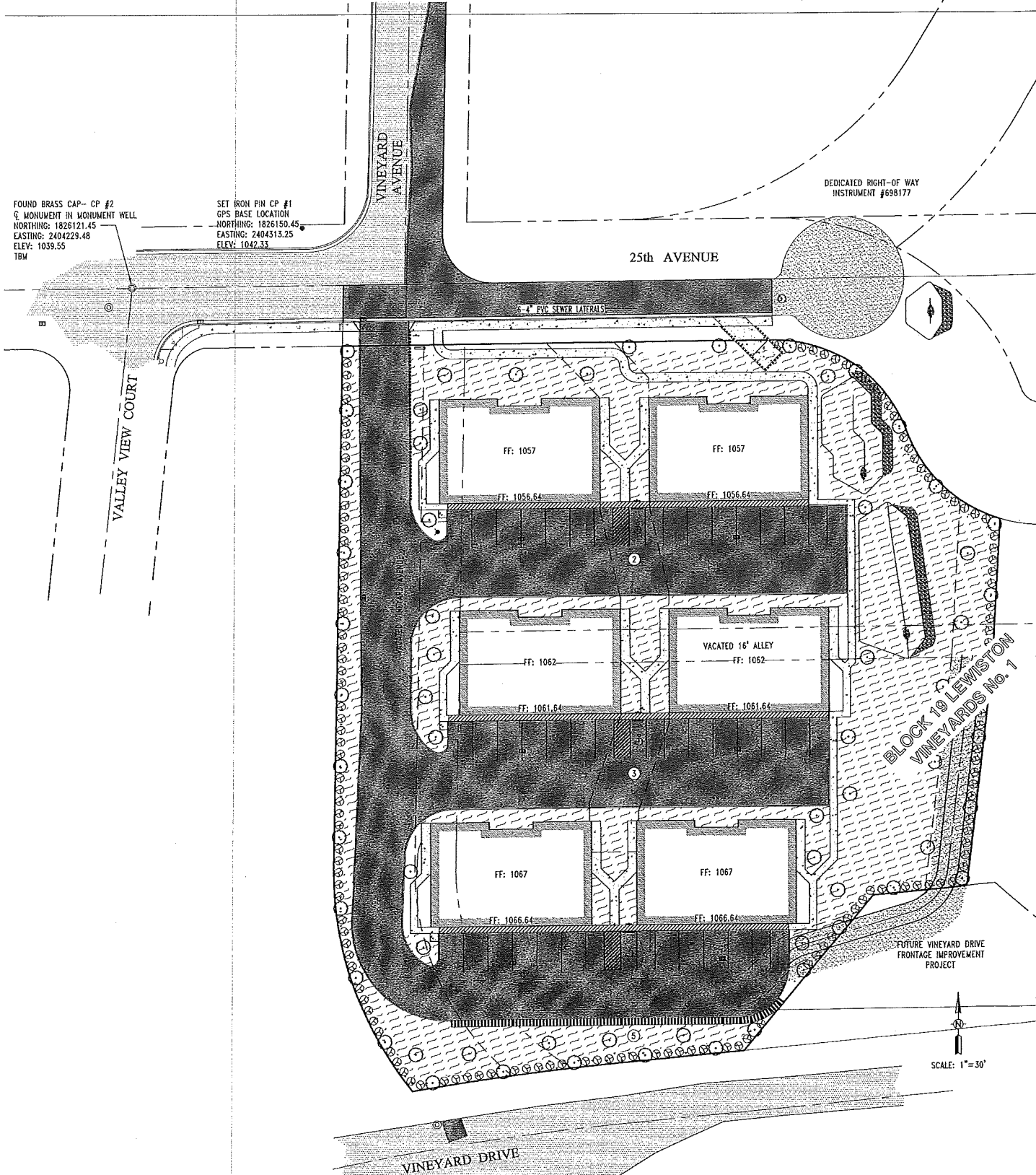
CITY of LEWISTON, IDAHO

### VICINITY MAP



### "AS-BUILT PLANS"

THE ORIGINAL CONSTRUCTION DRAWINGS HAVE BEEN REVISED TO INCORPORATE INFORMATION SUPPLIED BY THE CONTRACTOR PERTAINING TO SITEWORK ELEMENTS AS THEY WERE CONSTRUCTED.



*Walden & Associates, Inc.*  
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Moscow, Idaho 83843  
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PROFESSIONAL ENGINEER  
LICENSED  
13384  
9-1-16  
STATE OF IDAHO  
SCOTT BECKER

DAWSON HILLS APARTMENTS  
COVER SHEET  
CODY MERRELL  
STREET ADDRESS  
LEWISTON, IDAHO  
(208) 889-1468

Designed by:	SB
Drafted by:	SW
Checked by:	SB
File Name:	3669 COVER.dwg
Tab:	COVER
Layer Style:	STANDARD
Plot Style:	OCE.CTB
Project:	3669-03-15
Date:	9/1/2016

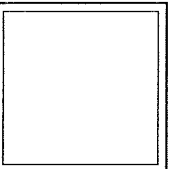
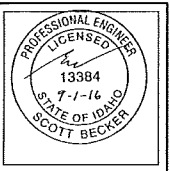
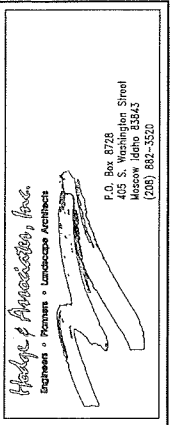
C1

C:\Users\scott.becker\OneDrive\Documents\3669-03-15\DWG\3669-03-15-C1.dwg 9/1/2016 4:52:14 PM

ITEM	MATERIAL	TEST / STANDARD	ACCEPTANCE	TEST FREQUENCY	INSPECTOR/CO.	DATE	INITIAL
<b>1. ALL UTILITY TRENCHES &amp; STRUCTURES</b>							
TRENCH 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)	80% Max. Dry Density	One in-place density test every 11' 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).			
PIPE 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 WDOTM41-10 Spec 8-03.9)	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 11' 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.			
1st 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 WDOTM41-10 Spec 8-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	85% Max. Dry Density	One in-place density test every 11' 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).			
TRENCH BACKFILL UNDER PROPOSED 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 WDOTM41-10 Spec 8-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	85% Max. Dry Density	One in-place density test every 11' 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).			
TRENCH BACKFILL UNDER EASEMENT / NON-IMPACTED AREA	Native Soil Free of Unsuitable Material w/ 4" Max. Particle Size (6" Max. Lift)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	80% Max. Dry Density	One in-place density test every 11' 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).			
STRUCTURAL FILLS	As Spec'd by Engineer	As Spec'd by Engineer	As Spec'd by Engineer	As Spec'd by Engineer			
<b>2. STORM DRAIN MAINS</b>							
GASKETED, PE Slope Sewer Pipe	Polyethylene, ADSN-12 or Equal	Per Manufacturer's Instructions	Certified & Visual by City	Per Plan	Certified & Visual by City		
ALIGNMENT AND GRADE	N/A	Per Manufacturer's Instructions		Each Joint			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	Per Manufacturer's Instructions		Between Access Holes			
PRESSURE TEST	N/A	4 PSI for 15 Minutes, 1/2 PSI Drop	If required by City Engineer				
MANHOLES	Concrete	City Standard		N/A	Certified & Visual by City		
VIDEO INSPECTION	N/A		Public Works Policy No 2012-2				
<b>3. WATER MAINS</b>							
DUCTILE IRON or PVC WATER MAIN	AWWA C-151, C-900, C-905 (Class as Req'd)		Certified & Visual by City	Per Plan	Certified & Visual by City		
ALIGNMENT AND GRADE	N/A	AWWA C-600, AWWA C-605		Each Joint			
JOINTS (Deflection/Proper Pipe Embedment)	N/A	AWWA C-600, AWWA C-605		Each Joint			
THRUST BLOCKS	Concrete, 2500 PSI Mix	Per Approved Plans for City Sid Drive # 4.4		Each Joint	Certified & Visual by City		
HYDROSTATIC PRESSURE	N/A	2 Hrs, NTE Allowable Leakage Per AWWA C-600, AWWA C-605		150% Working Pressure OR 1 1/2 times the Working Pressure in the Water System			
CHLORINATION/BACTERIA	N/A	AWWA C-651		Bacterial Testing: two negative testing samples 24 hours apart	City of Lewiston		
<b>4. WASTEWATER MAINS</b>							
PVC WASTEWATER 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 Penetrations, Dents or Dimples, No Bellies > .002"	Public Works Policy No 2012-2	Between Access Holes			
<b>5. CONCRETE CURB, GUTTER &amp; SIDEWALK</b>							
CONCRETE	CLASS 35B - Approved Mix Design Required with Min Cement Content of 560 LBS/Y, Max Water/Cement Ratio of .44, a WRA, and an FFA	AASHTO T-22 Compressive Strength of Concrete 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 = 6 inches Air Content Percent = 6.0% ± 1.5 Temperature = 50°F - 80°F	1 of Each Test Minimum per Day, or 1 of Each Test per 50 CY			
ALIGNMENT AND GRADE	N/A	Visual	+ 0.02" from Design Grade/Alignment	Per 10' Section	City Approval		
JOINTS/FLATNESS/STRAIGHTNESS	N/A	Visual	+ 0.02" if Straight	Per 10' Section			
FINISH	N/A	Visual	Flushed, Uniform, Light Broom Finish	Entire Surface Area			
<b>6. ASPHALTIC CONCRETE PAVING</b>							
HOT MIX ASPHALT	ITD Class II 172 - Approved Mix Design Required (2014 ITD Spec 905, 702, and 703.05)	AASHTO T 166, Method C, Specific Gravity of HMA AASHTO T 209, Test for Maximum Specific Gravity WAQTC TM-8, In-Place Density of Bituminous Mixes	92%-95% Max. Theoretical Density	1 Test Per 750 Ton-Min 1 Test			
CRUSHED AGGREGATE BASE COURSE	9/4" minus Crushed Aggregate (4" Max. Lift) (Current ITD Spec 703.04) OR 5/8" minus Crushed Aggregate (4" Max. Lift) (Current WDOTM41-10 Spec 8-03.9)	Moisture Density Relationship of Soils (AASHTO T 180) In-Place Density and Moisture Content (AASHTO 310 Method B)	85% Max. Dry Density	1 Tests Per 500 LF-Min 2 Tests			
<b>7. EROSION &amp; SEDIMENT CONTROLS</b>							
	Per Approved Plan	Per Plan and Manufacturer's Instructions		1Mk or After Every Rainfall			
<b>8. TRAFFIC CONTROL</b>							
	Per Approved Plan	Current Adopted MUTCD/ATSSA		Continuous			
<b>9. RECORD DRAWINGS</b>							
10. ENGINEER'S CERTIFICATION	AutoCAD Elected File, Bond Paper, 27" x 34" Min Size	City Checklist		Before Public Improvements Accepted			
Date Last Revised July 2014							

**"AS-BUILT PLANS"**

THE ORIGINAL CONSTRUCTION DRAWINGS HAVE BEEN REVISED TO INCORPORATE INFORMATION SUPPLIED BY THE CONTRACTOR PERTAINING TO SITENETWORK ELEMENTS AS THEY WERE CONSTRUCTED.



DAWSON HILLS APARTMENTS  
CITY OF LEWISTON INSPECTION CHECKLIST  
CODY MERRELL  
STREET ADDRESS  
LEWISTON, IDAHO  
(208) 839-1485

Designed By: SB  
Drafted by: SB  
Checked by: SB  
File Name: 3669 CHECKLIST.dwg  
Tab: CHECK  
Layer Style: STANDARD  
Plot Style: DEFAULT.ctb  
Project: 3669-03-15  
Date: 9/1/2016

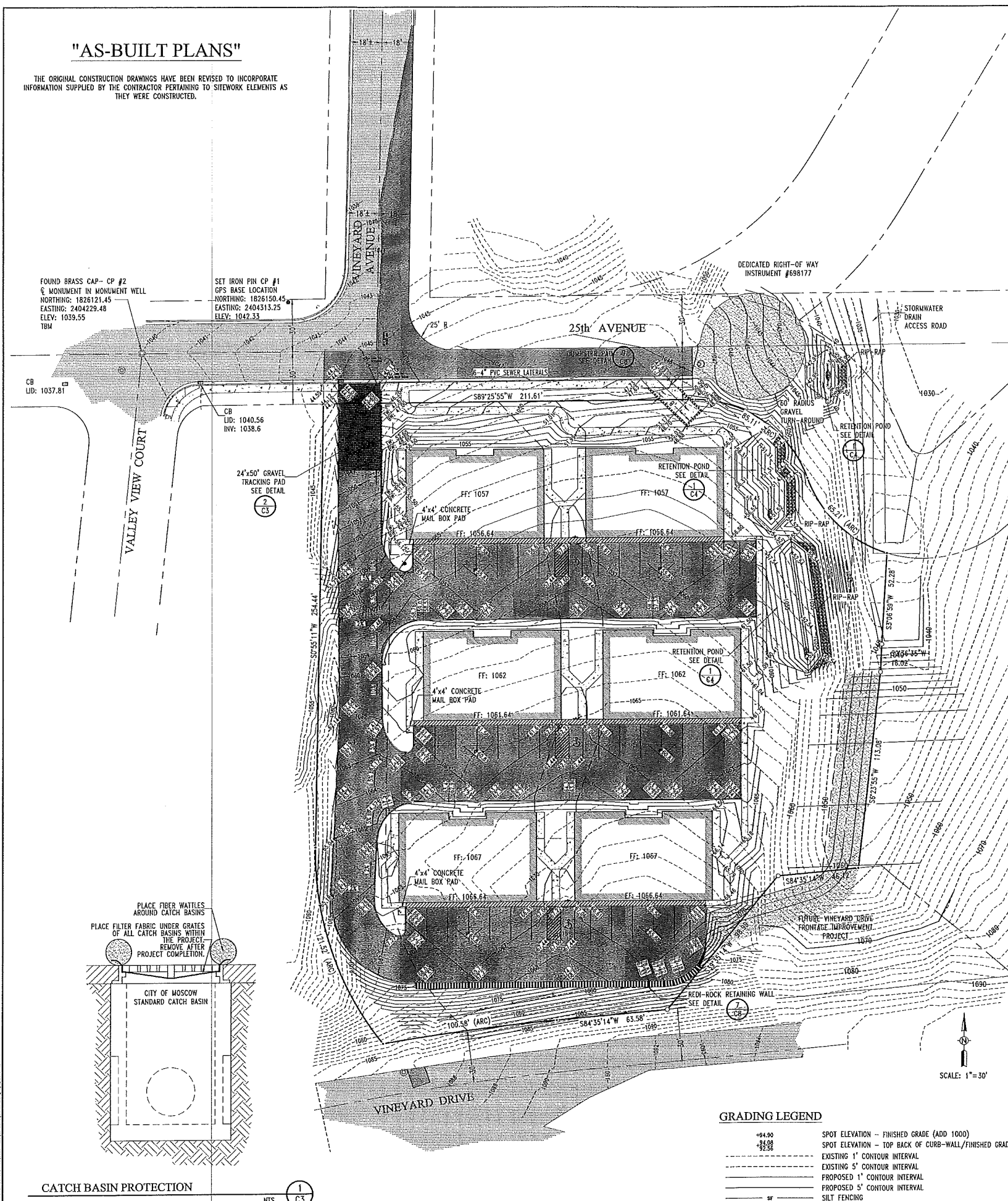
C2

# "AS-BUILT PLANS"

THE ORIGINAL CONSTRUCTION DRAWINGS HAVE BEEN REVISED TO INCORPORATE INFORMATION SUPPLIED BY THE CONTRACTOR PERTAINING TO SITEMARK ELEMENTS AS THEY WERE CONSTRUCTED.



Know what's below.  
Call before you dig.



FOUND BRASS CAP - CP #2  
& MONUMENT IN MONUMENT WELL  
NORTHING: 1826121.45  
EASTING: 2404229.48  
ELEV: 1039.55  
TBM

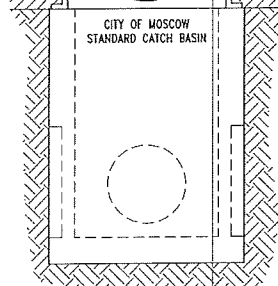
SET IRON PIN CP #1  
GPS BASE LOCATION  
NORTHING: 1826150.45  
EASTING: 2404313.25  
ELEV: 1042.33

CB  
LID: 1037.81

CB  
LID: 1040.56  
INV: 1038.6

24'x50' GRAVEL TRACKING PAD  
SEE DETAIL  
2 C3

PLACE FIBER MATS AROUND CATCH BASINS  
PLACE FILTER FABRIC UNDER GRATES OF ALL CATCH BASINS WITHIN THE PROJECT REMOVE AFTER PROJECT COMPLETION



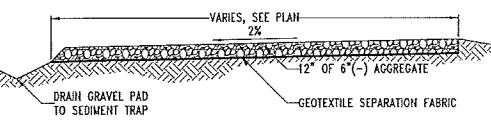
CATCH BASIN PROTECTION

NTS 1 C3

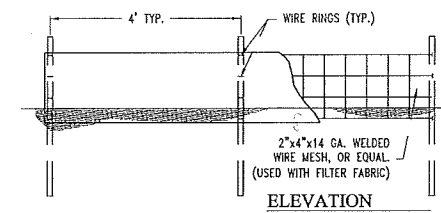
### GRADING LEGEND

- SPOT ELEVATION - FINISHED GRADE (ADD 1000)
- SPOT ELEVATION - TOP BACK OF CURB-WALL/ FINISHED GRADE
- EXISTING 1' CONTOUR INTERVAL
- EXISTING 5' CONTOUR INTERVAL
- PROPOSED 1' CONTOUR INTERVAL
- PROPOSED 5' CONTOUR INTERVAL
- SILT FENCING

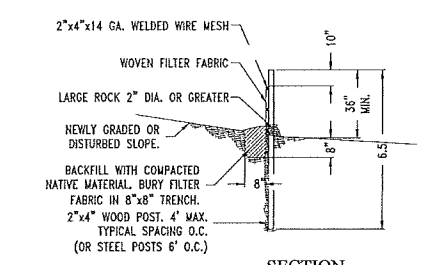
SCALE: 1"=30'



GRAVEL TRACKING PAD 2 C3

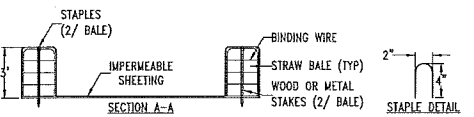


ELEVATION

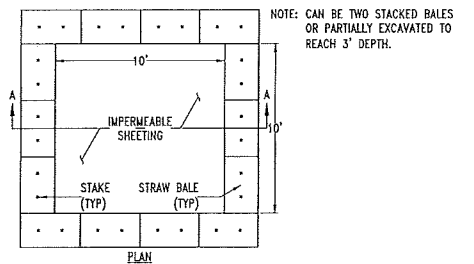


SECTION

SILT FENCING DETAIL 3 C3



STAPLE DETAIL



PLAN

### CONSTRUCTION SPECIFICATIONS

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50' AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4" OF FREEBOARD. TYPICAL DIMENSIONS ARE 10'x10'x3' DEEP.
3. PREPARE SOIL BASE FREE OF ROCK OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75% FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORM, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

ONSITE CONCRETE WASHOUT STRUCTURE 4 C3

### BASIS OF ELEVATION

The Basis of Elevation for this survey is NAVD83, established by GPS. The base position being corrected by NGS Online Positioning User Service (OPUS). A Temporary Bench Mark (TBM) was established on the found brass cap centerline monument, in a monument wall, at the intersection of 25th Avenue and Valley View Court (CP #2) shown herein as 1039.55 feet.

### GRADING NOTES

- ESTIMATED GRADING QUANTITIES
- RAW CUT VOLUME = 5,995 C.Y.
  - RAW FILL VOLUME = 5,995 C.Y.
1. THIS PLAN IS ACCURATE FOR GRADING AND THE RELATED EROSION AND SEDIMENT CONTROL PURPOSES ONLY.
  2. ALL AREAS TO RECEIVE EMBANKMENT (FILL) SHALL FIRST BE CLEARED AND GRUBBED.
  3. ALL TOPSOIL SHALL BE EXCAVATED AND REMOVED FROM EMBANKMENT (FILL) AREAS. EXCAVATED TOPSOIL MATERIAL MAY BE STOCKPILED ON-SITE FOR USE AS LANDSCAPING MATERIAL - PROVIDE SILT FENCE AROUND STOCKPILES.
  4. BORROW FOR EMBANKMENT (FILL) SHALL CONSIST OF NATIVE PALOUSE LOESS OR CLAY OR ANY APPROVED GRAVELLY MATERIAL. ALL BORROW SHALL BE FREE OF ROOTS, BARK, TOPSOIL, ORGANIC OR OTHER DELETERIOUS MATERIALS.
  5. COMPACT ALL EMBANKMENT (FILL) TO 95% MINIMUM OF THE PROCTOR VALUE DENSITY DETERMINED BY THE AASHTO T-99 METHOD. THE METHOD FOR CONSTRUCTING EMBANKMENT (FILL) SHALL BE SUCH THAT 95% MINIMUM DENSITIES ARE ACHIEVED THROUGHOUT.
  6. WHERE EMBANKMENT (FILL) IS PLACED ON AN EXISTING SLOPE 4:1 OR STEEPER THE EXISTING SLOPE SHALL BE BENCHED HORIZONTAL PRIOR TO PLACING BORROW. THE WIDTH OF THE BENCHES SHALL NOT BE LESS THAN FIVE (5) FEET IN WIDTH.
  7. COMPACTION TESTING SHALL BE PROVIDED BY THE OWNER. COMPACTION TEST LOCATIONS SHALL BE RECORDED ON A SITE PLAN SHOWING TEST NUMBER, DATE, AND ELEVATION OF EACH TEST. A REPORT OF THESE TESTS SHALL BE PROVIDED TO THE OWNER, ENGINEER, CONTRACTOR, AND CITY. THERE SHALL BE A SUFFICIENT NUMBER OF TESTS TO ASSURE THAT 95% MINIMUM COMPACTION HAS BEEN ACHIEVED THROUGHOUT ALL EMBANKMENT (FILL) AREAS.
  8. OWNER IS RESPONSIBLE TO SECURE ALL NECESSARY AUTHORIZATION FOR GRADING ACTIVITIES REQUIRED ON ADJACENT PROPERTIES.
  9. COMPLIANCE WITH NPDES PHASE II IS REQUIRED.

### EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES AS SET FORTH IN THIS PLAN SHALL APPLY TO ALL CONSTRUCTION ACTIVITY RELATIVE TO THIS SITE, INCLUDING BUT NOT LIMITED TO, ALL EARTHWORK AND INSTALLATION OF PUBLIC IMPROVEMENTS.
2. SHOULD THE CITY ENGINEER DETERMINE THAT THE EROSION CONTROL MEASURES INSTALLED AS INDICATED ON THIS EROSION CONTROL PLAN ARE INADEQUATE AND/OR INEFFECTIVE, THE CITY ENGINEER SHALL DIRECT THE IMPLEMENTATION OF ADDITIONAL EROSION CONTROL MEASURES (AT THE EXPENSE OF THE DEVELOPER) TO ALLEVIATE INADEQUACIES.
3. THE OWNER AND/OR DEVELOPER OF THE PROPERTY IS ULTIMATELY RESPONSIBLE FOR THE FURNISHING AND MAINTENANCE OF ALL EROSION CONTROL MEASURES NECESSARY FOR FULL COMPLIANCE WITH LEWISTON CITY CODE.

IT IS NECESSARY FOR ANY PROJECT LARGER THAN ONE ACRE IN SIZE TO HAVE AN EPA NOTICE OF INTENT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT (NO PHASE II) FORM ON FILE WITH THE EPA STORM WATER NOTICE PROCESSING CENTER AT:

FOR REGULAR U.S. MAIL DELIVERY:  
EPA STORMWATER NOTICE PROCESSING CENTER  
MAIL CODE 42034  
U.S. EPA  
1200 PENNSYLVANIA AVENUE, NW  
WASHINGTON, DC 20460

FOR OVERNIGHT/EXPRESS MAIL DELIVERY:  
EPA STORMWATER NOTICE PROCESSING CENTER  
ROOM 7420  
U.S. EPA  
1201 CONSTITUTION AVENUE, NW  
WASHINGTON, DC 20004

### PRIOR TO CONSTRUCTION ACTIVITIES:

1. INFORM CITY, AND OTHER INSPECTORS, OF WORK SCHEDULED FOR WEEKENDS OR HOLIDAY.
2. CONSTRUCT GRAVEL PADS AT ENTRANCES TO SITE, AS INDICATED ON PLAN.
3. PLACE SILT FENCING AND CHECK DAMS AS INDICATED ON PLAN PRIOR TO ANY EXCAVATION OR EMBANKMENT WORK. IN GENERAL, CHECK DAMS SHALL BE PLACED AT MINIMUM 100 FOOT SPACING IN ALL SWALES AND DITCHES AND AT MINIMUM 50 FOOT SPACING ALONG SILT FENCE. ON SLOPES GREATER THAN 10% CHECK DAMS SHALL BE MADE OF ROCK, STRAW BALES, OR SILT FENCE, PER LEWISTON CITY STANDARDS.
4. GRADE ACCESS ROAD(S) TO ROADWAY CROSS-SLOPE TO PROVIDE DRAINAGE TO ROADSIDE DITCHES.
5. PLACE SILT FENCING AND STRAW BALES TO PROTECT EXISTING STORM WATER DRAINAGE FACILITIES THAT WILL BE IMPACTED BY THIS WORK. PROTECT EXISTING FACILITIES ON ADJACENT PROPERTY, AS NECESSARY. EXISTING CATCH BASINS SHALL BE PROTECTED BY PLACING STRAW BALES COMPLETELY AROUND CATCH BASINS. MAINTAIN UNIMPEDED FLOW INTO CATCH BASINS THROUGHOUT CONSTRUCTION.
6. CONSTRUCT TEMPORARY SEDIMENT POND(S) IN THE LOCATION(S) AS SHOWN ON THE PLAN, INCLUDING DIRECTIONAL DITCHES ALSO AS SHOWN THEREON AND/OR OTHERWISE REQUIRED.

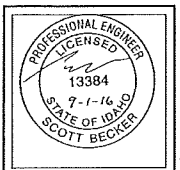
### DURING CONSTRUCTION ACTIVITIES AND WINTER SHUTDOWN, AS NECESSARY:

1. SUSPEND ALL EXCAVATION AND EMBANKMENT WORK DURING RAIN STORMS TO MINIMIZE EROSION AND SEDIMENT IMPACTS. MONITOR SITE CONDITIONS DURING AND FOLLOWING RAIN EVENTS FOR EROSION AND SEDIMENT CONTROL PROBLEMS - INSTALL CORRECTIVE MEASURES AND INITIATE CLEANUP MEASURES AS REQUIRED.
2. SPRAY WATER ON DISTURBED AREAS TO CONTROL DUST EROSION DURING DRY SEASON.
3. CONSTRUCT STORM WATER FACILITIES AS EARLY AS POSSIBLE DURING CONSTRUCTION. PROTECT NEW STORM WATER FACILITIES SIMILAR TO EXISTING (SEE NOTE 5 OF "PRIOR TO CONSTRUCTION ACTIVITIES").
4. SEED AND MULCH ALL DISTURBED AREAS.
5. ALL GRADED AREAS, FINISHED OR UNFINISHED, SHALL HAVE ACCEPTABLE EROSION CONTROL MEASURES APPLIED PRIOR TO OCTOBER 1 - NO EXCEPTIONS WITHOUT PRIOR WRITTEN CITY APPROVAL. ACCEPTABLE EROSION CONTROL MEASURES SHALL BE CONSIDERED ONE OF THE FOLLOWING:
  - a. HYDRAULICALLY APPLIED MIXTURE OF MULCH AND TACKIFIER - OF A TYPE AND APPLICATION RATE RECOMMENDED FOR LEWISTON AREA OPEN SOIL EROSION PROTECTION - SEED TO BE INCLUDED IF AREA IS FINISH GRADED.
  - b. AREAS SLOPING LESS THAN 4:1 TILLED WITH A FARM IMPLEMENT SUCH AS A DISC, PLOW OR SPRING TOOTH THAT RESULTS IN COARSE SURFACE TEXTURE.
  - c. STRAW SPREAD AND TRACKED INTO THE SURFACE. TRACK PERPENDICULAR TO THE DIRECTION OF FLOW.
  - d. EROSION CONTROL BLANKETS - INCLUDING AN APPROVED GRASS SEED/FERTILIZER MIX IF AREA IS FINISH GRADED.
  - e. OTHER METHODS AS SPECIFICALLY APPROVED BY THE CITY ENGINEER.

### UPON COMPLETION OF CONSTRUCTION ACTIVITIES:

1. SILT FENCING SHALL REMAIN AFTER THE COMPLETION OF CONSTRUCTION UNTIL SUFFICIENT VEGETATION IS ESTABLISHED TO PREVENT EROSION AND MOBILIZATION OF SEDIMENT, AND UNTIL APPROVAL FOR REMOVAL IS OBTAINED FROM THE CITY ENGINEER.
  2. PERIODIC MAINTENANCE OF EROSION CONTROL MEASURES IS REQUIRED UNTIL PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL AND SUFFICIENT VEGETATION IS ESTABLISHED. SUCH MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO: CLEANING OF CATCH BASINS AND STORM SEWER MANHOLES; MAINTAINING SILT FENCING AND STRAW BALE STRUCTURE; REMOVAL OF ACCUMULATED SOIL AND STREET CLEANING. A TYPICAL SCHEDULE FOR SUCH MAINTENANCE WOULD BE AT LEAST ONCE PER MONTH AND AFTER ALL SIGNIFICANT STORM EVENTS.
- UPON ESTABLISHMENT OF SUFFICIENT VEGETATION AND PERMANENT DRAINAGE FACILITIES OPERATION:
1. REMOVE ALL EROSION CONTROL MEASURES UPON RECEIPT OF APPROVAL FOR SUCH REMOVAL FROM CITY ENGINEER. CLEAR STREETS AND SIDEWALKS OF ACCUMULATED SILT, MUD, AND DEBRIS.
  2. CONTINUED EROSION CONTROL IS THE PROPERTY OWNER'S RESPONSIBILITY AFTER EROSION CONTROL MEASURES ARE REMOVED, AND RECEIPT OF APPROVAL FROM THE CITY ENGINEER.

Hedges & Associates, Inc.  
Engineers • Planners • Landscape Architects  
P.O. Box 8728  
405 S. Washington Street  
Lewiston, Maine 04240  
(207) 852-5520



DAWSON HILLS APARTMENTS  
EROSION CONTROL AND GRADING PLAN  
CODY MERRELL  
STREET ADDRESS  
LEWISTON, MAINE  
(207) 699-1486

Designed by: SB  
Drafted by: SW  
Checked by: SB  
File Name: 3669 GRADING.dwg  
Tab: GRADING  
Layer Style: STANDARD  
Plot Style: OCECTB  
Project: 3669-03-15  
Date: 9/1/2016

C3

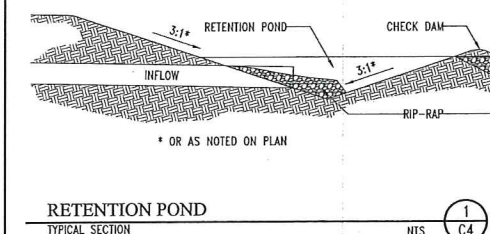
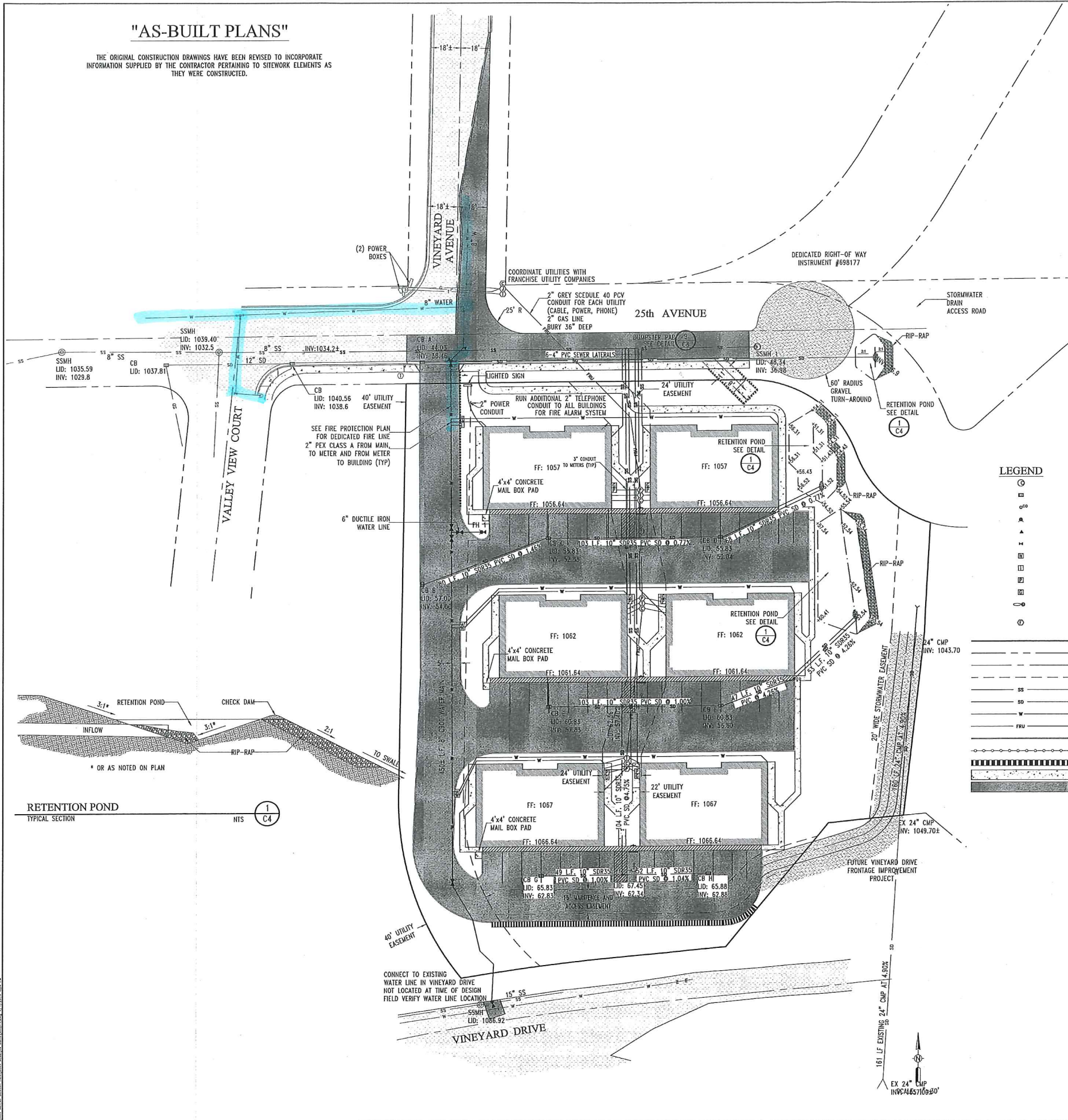


# "AS-BUILT PLANS"

THE ORIGINAL CONSTRUCTION DRAWINGS HAVE BEEN REVISED TO INCORPORATE INFORMATION SUPPLIED BY THE CONTRACTOR PERTAINING TO SITEWORK ELEMENTS AS THEY WERE CONSTRUCTED.



Know what's below.  
Call before you dig.



**LEGEND**

⊙	MANHOLE
□	CATCH BASIN
⊕	CLEAN OUT
⊙	FIRE HYDRANT
⊕	THRUST BLOCK
⊕	WATER VALVE
⊕	1-1/2" WATER METER
⊕	IRRIGATION METER
⊕	POWER METER
⊕	GAS METER
⊕	LIGHT POLE
⊕	FRANCHISE UTILITY PEDESTAL
⊕	CABLE, TELEPHONE, JUNCTION ENCLOSURE
---	PROPERTY LINE
---	RIGHT-OF-WAY
---	CENTER LINE
---	EASEMENT
---	SANITARY SEWER LINE
---	STORM DRAIN LINE
---	WATER LINE
---	FRANCHISE UTILITY TRENCH (POWER, GAS, TELEPHONE AND CABLE)
---	CURB
---	GUARD RAIL - SEE DETAIL
---	RETAINING WALL
---	CONCRETE PAVING
---	ASPHALT PAVING

## GENERAL NOTES FOR STORM WATER SYSTEMS

- 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" DEFINES THE POLICIES, MINIMUM STANDARDS, REQUIREMENTS, AND PROCEDURES FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF PRIVATE STORMWATER.
- 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.
- 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 746-1316.
- 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.
- 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.
- 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.
- 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.

## STORM & SANITARY SEWER

- THE CITY OF LEWISTON IS OPERATOR OF WATER AND SEWER FACILITIES SERVING THIS DEVELOPMENT.
- ALL TRENCH AND FOUNDATION EXCAVATIONS GREATER THAN FOUR FEET DEEP SHALL HAVE SLOPES OF 1.5:1 (HORIZONTAL TO VERTICAL) OR, BRACING OR SHORING SHALL BE PROVIDED IN ACCORDANCE WITH OSHA AND OTHER APPROPRIATE LOCAL CODES.
- ALL SATURATED, LOOSE, OR DISTURBED SOIL SHALL BE REMOVED FROM THE BOTTOM OF UTILITY TRENCHES PRIOR TO PLACEMENT OF PIPE BEDDING. PIPE BEDDING AND TRENCH BACKFILL SHALL BE PLACED IN ACCORDANCE WITH CITY OF LEWISTON STANDARDS.
- SEWER STUBS SHALL BE INSTALLED AT A MINIMUM SLOPE OF 1/4" PER FOOT, AND CONNECTED TO MAINS USING MANUFACTURED WYES.
- SANITARY SEWER STUBS SHALL BE TERMINATED BY PROVIDING AN ELBOW AND CAPPED RISER TO 12" MINIMUM ABOVE FINISHED GRADE. TERMINATE AT PROPERTY LINE. MATERIAL SHALL BE GREEN (SDR 35) PVC. WRAP "SEWER" LOCATE TAPE ON ENDS; TAPE FURNISHED BY CONTRACTOR.
- FOUNDATION DRAIN STUBS SHALL BE TERMINATED BY PROVIDING AN ELBOW & CAPPED RISER TO 12" MINIMUM ABOVE GRADE. TERMINATE AT PROPERTY LINE. MATERIAL SHALL BE WHITE PVC. WRAP "STORM SEWER" LOCATE TAPE ON ENDS; TAPE FURNISHED BY CONTRACTOR.
- ALL STORM AND SANITARY SEWER LINES SHALL HAVE 2.0' MINIMUM COVER.
- USE ECCENTRIC CONES EXCEPT WHEN SPECIFICALLY APPROVED BY THE ENGINEER. PLACE THE CONE ENTRY HOLE ABOVE THE OUTLET PIPE. FLAT TOPS ARE NOT ALLOWED WITHOUT APPROVAL OF THE ENGINEER.
- SANITARY SEWER PIPE (SS): ALL SS PIPE TO BE SDR 35, PVC (GREEN), UNLESS OTHERWISE NOTED.
- STORM SEWER PIPE (SD): ALL SD PIPE TO BE SDR 35, PVC (WHITE), UNLESS OTHERWISE NOTED.

## WATER

- ALL WORK TO BE PERFORMED IN ACCORDANCE WITH IDAPA AND ALL STATE CODES MUST BE FOLLOWED COUPLED WITH THE CITY OF LEWISTON WATER STANDARDS.
- BACKFLOW ASSEMBLIES ARE REQUIRED ON ALL IRRIGATION SYSTEMS AND OTHER IDENTIFIED HAZARDS. THE TYPE OF BACKFLOW ASSEMBLY REQUIRED WILL BE DETERMINED BY THE DEGREE OF HAZARD. BACKFLOW ASSEMBLIES SHALL BE INSTALLED AS PER STANDARDS OUTLINED IN THE IDAHO STATE PLUMBING CODE.
- ALL HYDRANTS SHALL BE THRUST BLOCKED OR RETAINED AND ALL FITTINGS SHALL BE THRUST BLOCKED.
- VALVES SHALL BE PLACED ON ALL BRANCHES OF TEES OR CROSSES. A VALVE IS REQUIRED AT A MINIMUM OF EVERY 1000' OF MAIN WATER LINE.
- THE WATER DIVISION WILL ONLY TAP FIRE LINE CONNECTIONS AND THE OWNER WILL FURNISH ALL MATERIALS AND LABOR INCLUDING THRUST BLOCKING. FIRE LINES THAT SUPPLY SYSTEMS WITH LESS THAN 20 SPINKLER HEADS WILL REQUIRE A BACKFLOW DETECTOR ASSEMBLY.
- ALL WATER SERVICES SHALL BE INSPECTED BY THE CITY PRIOR TO BACKFILLING TRENCHES.
- INSTALL "LOCATE" TAPE 18" ABOVE PIPE IN PVC WATER LINE TRENCH AND LOCATE WIRE TO MAIN. SEE DETAIL.
- HYDROSTATIC TESTING AND DISINFECTING OF WATER MAINS SHALL BE DONE IN ACCORDANCE WITH CITY OF LEWISTON STANDARDS. THE CONTRACTOR SHALL REQUEST PIPE TESTING AT LEAST 48 HOURS IN ADVANCE OF THE TIME ACTUAL TESTS SHALL BE PERFORMED.
- FIRE HYDRANTS SHALL BE PLACED WITH THE STEAMER PORT FACING THE STREET OR DRIVEWAY AS APPROPRIATE AND SHALL BE MAINTAINED CLEAR AND ACCESSIBLE FOR FIRE PROTECTION DURING CONSTRUCTION. NO OBSTRUCTIONS SHALL BE PLACED WITHIN THREE FEET OF THE FIRE HYDRANT.
- WATER PIPE: ALL WATER MAINS TO BE C 900 CLASS 150 PVC, UNLESS OTHERWISE NOTED.

## SEPARATION OF WATER AND SEWER

- WATER AND SEWER (SANITARY OR STORM) MAINS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE NO LESS THAN TEN (10) FEET. IN ANY INSTANCE WHERE SUCH SEPARATION IS NOT ACHIEVABLE, THE FOLLOWING STANDARDS SHALL BE MET:
  - THE WATER AND SEWER MAINS SHALL BE SEPARATED BY AT LEAST SIX (6) HORIZONTAL FEET MEASURED BETWEEN THE OUTSIDE WALLS OF THE PIPES, AND THE SEWER MAIN SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS AT ALL SUCH POINTS; AND
  - THE WATER MAIN SHALL BE A MINIMUM OF EIGHTEEN (18) INCHES ABOVE THE SEWER MAIN.
- THE REQUIREMENTS FOR THE VERTICAL SEPARATION OF WATER AND SEWER MAINS ARE AS FOLLOWS:
  - AT ANY POINT WHERE THE SEWER AND WATER MAINS CROSS, THEY SHALL BE SEPARATED BY A VERTICAL DISTANCE OF NO LESS THAN EIGHTEEN (18) INCHES.
  - AT ANY POINT WHERE THE SEWER MAIN CROSSES ABOVE THE WATER MAIN THE SEWER MAIN SHALL BE SUPPORTED TO MAINTAIN LINE & GRADE.
  - AT ANY POINT WHERE THE SEWER AND WATER MAIN CROSS, THE CROSSING SHALL BE ARRANGED SO THAT THE WATER MAIN JOINTS WILL BE EQUAL DISTANCE AND AS FAR AS POSSIBLE FROM THE SEWER MAIN JOINTS.
  - IF THE WATER MAIN IS BELOW THE SEWER MAIN, THE SEWER MAIN SHALL BE CONSTRUCTED OF MATERIALS CONFORMING TO WATER MAIN STANDARDS AND PRESSURE TESTED TO 150 PSI TO ASSURE WATER TIGHTNESS PRIOR TO BACKFILLING IF THE EIGHTEEN (18) INCH VERTICAL SEPARATION CANNOT BE MAINTAINED.
  - IN LIEU OF CONSTRUCTING (OR RECONSTRUCTING) A NON-POTABLE WATER MAIN DUE TO LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION FROM A POTABLE WATER MAIN, EITHER THE NON-POTABLE MAIN OR THE POTABLE WATER MAIN MAY BE ENCASED WITH A SLEEVING MATERIAL ACCEPTABLE TO DEQ FOR A DISTANCE OF TEN (10) HORIZONTAL FEET ON BOTH SIDES OF THE CROSSING.

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PROFESSIONAL ENGINEER  
13384  
9-1-16  
STATE OF IDAHO  
SCOTT BECKER

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DAWSON HILLS APARTMENTS  
UTILITY LAYOUT PLAN  
CODY WERRELL  
STREET ADDRESS  
LEWISTON, IDAHO  
(208) 699-1488

Designed by:	SB
Drafted by:	SW
Checked by:	SB
File Name:	3669 UTILITY.dwg
Tab:	UTILITY
Layer Style:	STANDARD
Plot Style:	DCE.CTR
Project:	3669-03-15
Date:	9/1/2016

C4



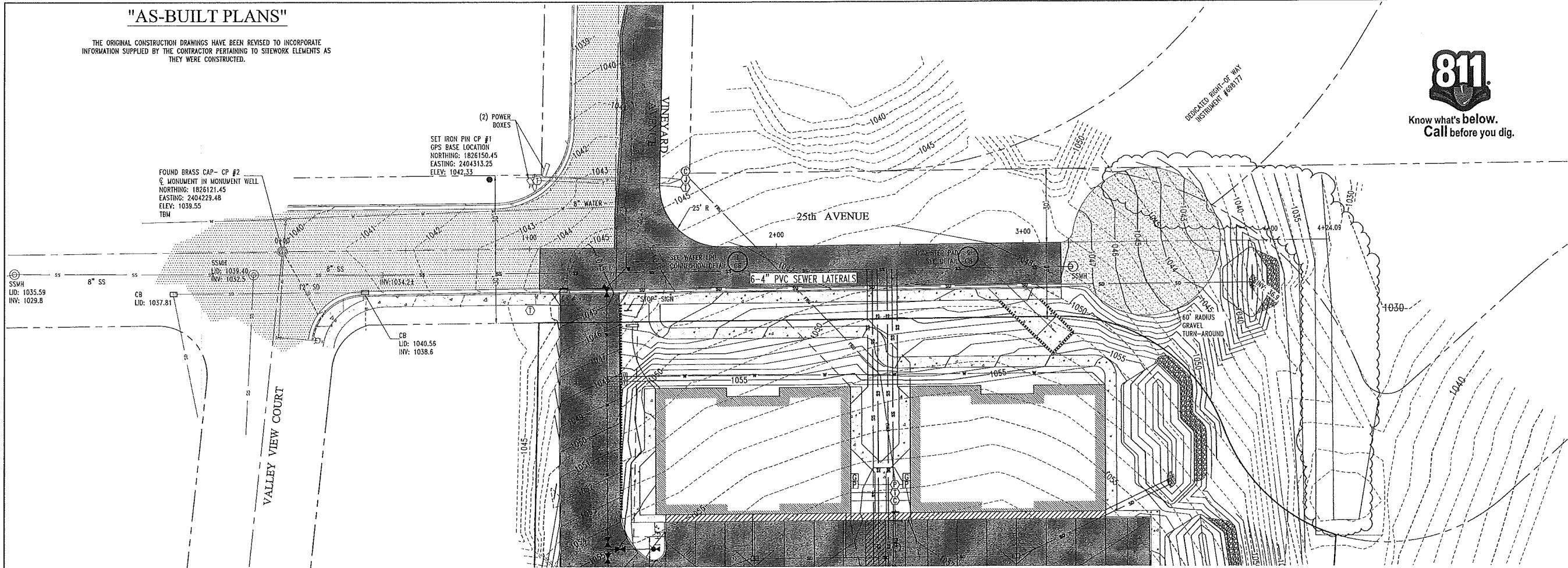
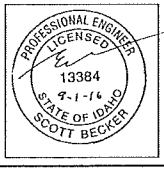
**"AS-BUILT PLANS"**

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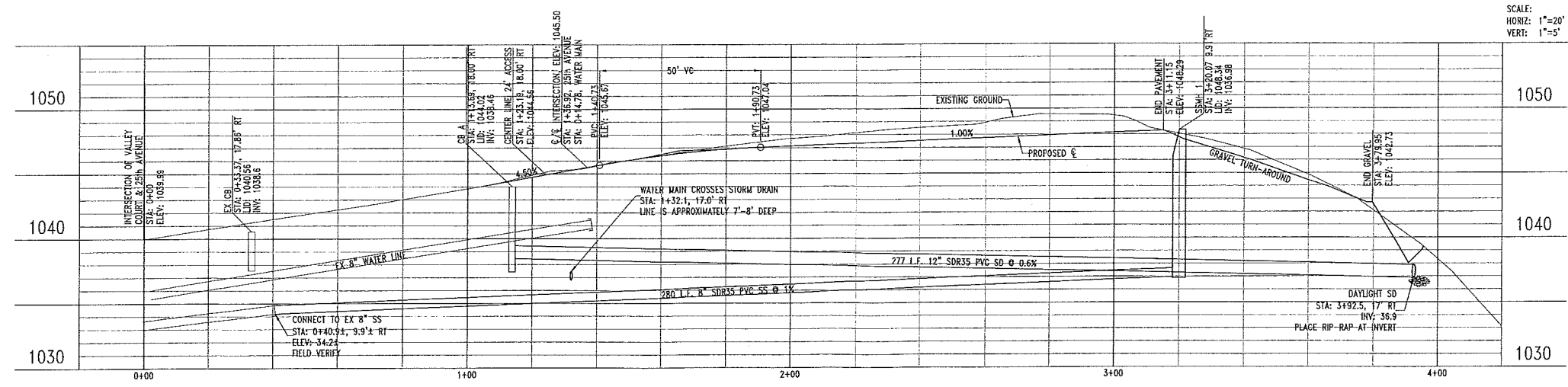


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Lewisville, NC 27040  
(208) 885-5625



SCALE: 1"=20'



SCALE: HORIZ: 1"=20'  
VERT: 1"=5'

**LEGEND**

- MANHOLE
- CATCH BASIN
- CLEAN OUT
- FIRE HYDRANT
- THRUST BLOCK
- WATER VALVE
- WATER METER
- LIGHT POLE
- FRANCHISE UTILITY PEDESTAL
- PROPERTY LINE
- RIGHT-OF-WAY
- CENTER LINE
- EASEMENT
- SANITARY SEWER LINE
- STORM DRAIN LINE
- WATER LINE
- FRANCHISE UTILITY TRENCH (POWER, GAS, TELEPHONE AND CABLE)
- CURB
- CONCRETE PAVING
- ASPHALT PAVING

PLAN AND PROFILE - 25TH AVENUE

DAWSON HILLS APARTMENTS  
PLAN AND PROFILE - 25TH AVENUE  
CODY MERRELL  
STREET ADDRESS  
LEWISVILLE, IDAHO  
(208) 699-1488

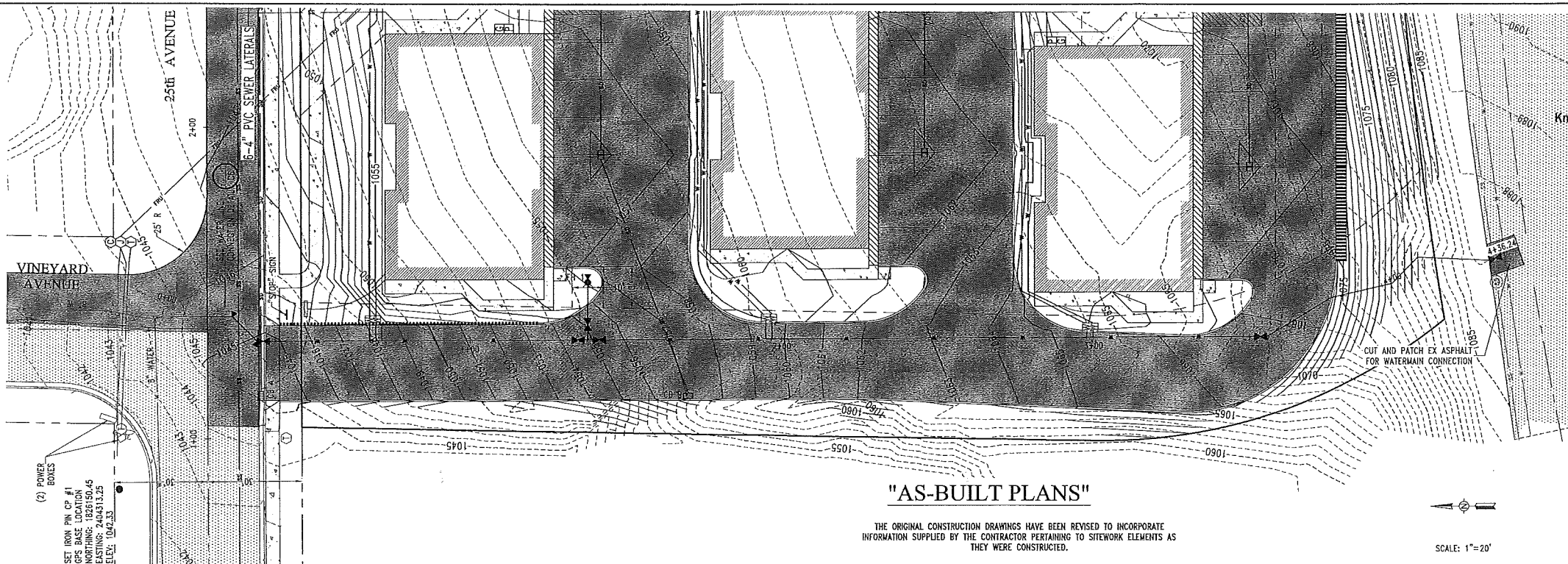
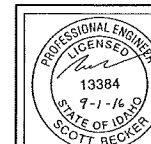
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Layer Style: STANDARD  
Plot Style: OCE.CTB  
Project: 3669-03-15  
Date: 9/1/2016

C5



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Lewiston, Idaho 83543  
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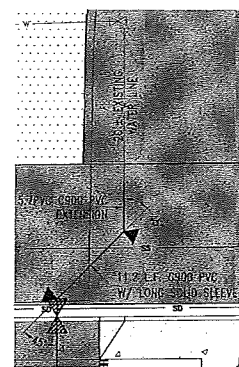
### "AS-BUILT PLANS"

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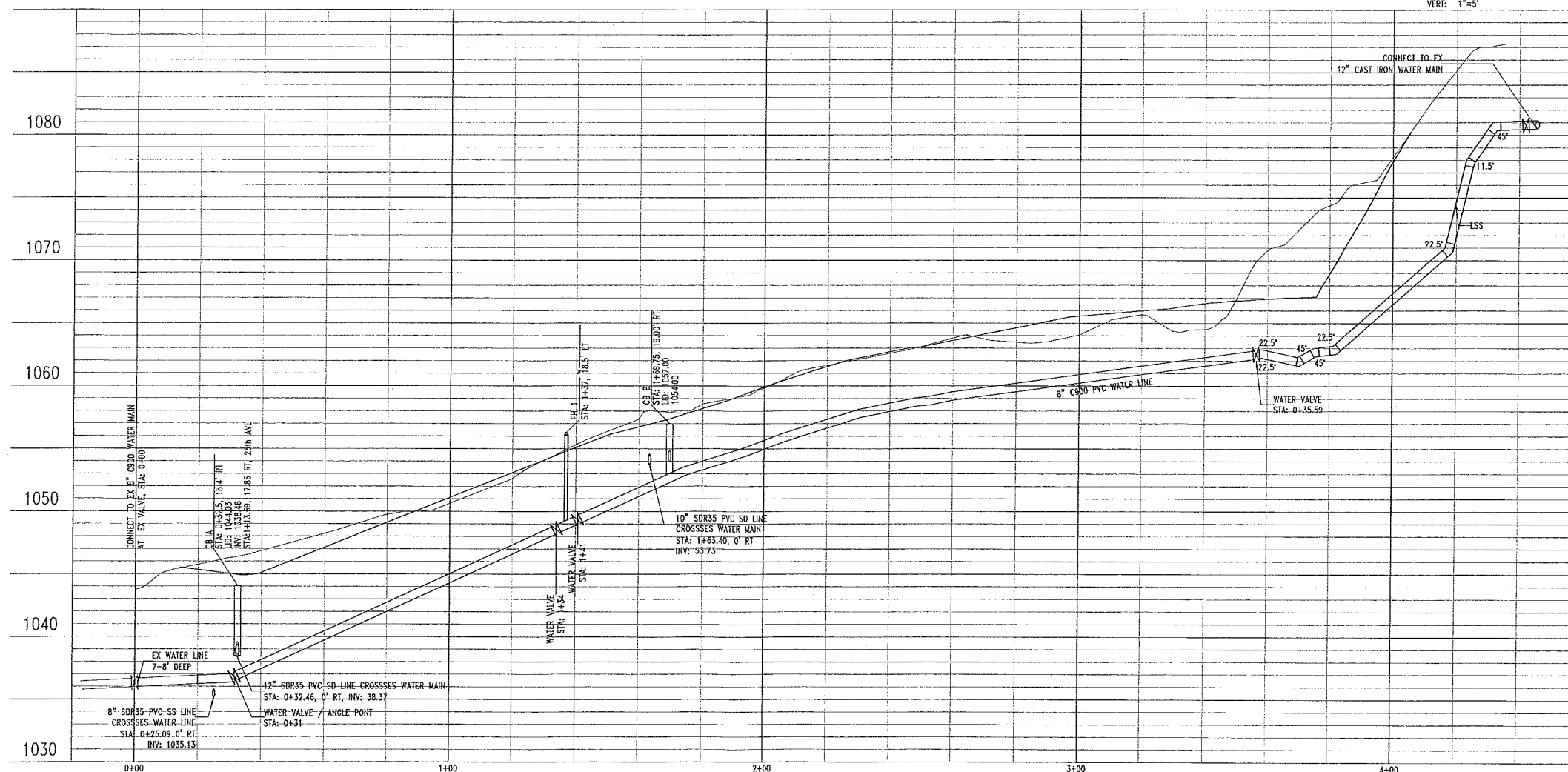
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HORIZ: 1"=20'  
VERT: 1"=5'



WATER LINE CONNECTION

SCALE: 1"=10'

1  
C6



PLAN AND PROFILE - WATER MAIN

#### LEGEND

- MANHOLE
- CATCH BASIN
- CLEAN OUT
- FIRE HYDRANT
- THRUST BLOCK
- WATER VALVE
- WATER METER
- LIGHT POLE
- FRANCHISE UTILITY PEDESTAL
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- CURB
- CONCRETE PAVING
- ASPHALT PAVING

### DAWSON HILLS APARTMENTS PLAN AND PROFILE - WATER MAIN

CODY MERRELL  
STREET ADDRESS  
LEWISTON, IDAHO  
(208) 839-1488

Designed by:	SB
Drafted by:	SW
Checked by:	SB
File Name:	3669 PROFILE.dwg
Tab:	WATER
Layer Style:	STANDARD
Plot Style:	OC6.ctb
Project:	3669-05-15
Date:	9/1/2016

C6

**GENERAL FIRE COMMENTS**

- FIRE DEPARTMENT ACCESS**
- Approved numbers and/or letters shall be placed on all buildings to be visible from the street, color contrasting to background. Address posting is required on building, Fire Department access and on all rear doors. (IFC 505.1)
    - Project requires an illuminated directory of main entrance.
    - Individual room/site numbers to be minimum 4 inches high X 1/2" stroke.
    - 6 inches high X 1/2" stroke
    - 9 inches high X 1/4" stroke when 36-50 feet from access
    - 12 inches high X 1/4" stroke when over 50 feet from access
  - All required access roadways shall be completed to a minimum width of 20 feet, shall not exceed 11% in grade, be capable of supporting 75,000 lbs. with an all-weather surface and extended into within 150 feet of all stockpiles and all sides of building. Fire Department approval of a building permit. Access roadways to be posted "NO STOPPING/FIRE LANE" (see IFC D103.6 for sign specifications) and shall not be used for the storage of materials. (IFC 501.4, 503.4)
  - "FIRE LANE" signs are required to be installed along interior access roadways where vehicle parking would encroach on the required 20 foot clear width of roadway (see IFC D103.6 for sign specifications). (IFC 503.3)
  - Due to the limited width of on-site roadways, it is required that no trees or high-growing shrubs shall be closer than 6' from any of the required access roadways and shall be maintained clear up to 13'6". (IFC 503.2.1)
  - If security gates are desired at any entrances to the site, they shall be provided with a Fire Department approved key entry system (keybox or approved lock). The completed gates shall remain open and not obstruct the Fire Department access until inspected and approved by the Fire Prevention Bureau. Begin application processing with the Fire Department prior to the building permit being issued. (IFC 503.6)
  - This project requires 6 emergency key box (es) in a location approved by the Fire Department. Key box shall be mounted five feet above the ground (floor) level, readily visible and not more than 5 feet from the main entry to the premises. Additional key boxes shall be provided adjacent to exterior riser room entry doors where said doors are more than 50 feet from the main entrance and/or the riser room is not located on the same side of the structure as the main front entry. All tenant keys shall conform to a master key system. Master keys shall be permanently logged and labeled. (IFC 503.5)
    - Begin application process for Knox Box with the Fire Department prior to building permit being issued. The following keys shall be provided in the Knox Box:
      - grand master key
      - fire alarm cabinet key.
  - Access to a fire sprinkler riser equipped with control valves shall be provided by 3-0/6-8 door directly accessible from the exterior. (IFC 509)
  - Where a fire sprinkler system is to be installed, the Fire Department Connection (FDC) and Post Indicator Valve (PIV) locations must be indicated on the architectural and/or civil drawings.
  - "ELECTRICAL ROOM" sign required on electrical room door. Sign shall be constructed of durable material, red in color with white lettering no less than 2 inches tall. Stickers and other paper type signs are not acceptable. (IFC 509.1)
  - "E.A.C.P. ROOM" sign required on alarm control room door. Sign shall be constructed of durable material, red in color with white lettering no less than 2 inches tall. Stickers and other paper type signs are not acceptable. (IFC 509.1)
  - "FIRE SPRINKLER RISER ROOM" sign required on riser room door. Sign shall be constructed of durable material, red in color with white lettering no less than 2 inches tall. Stickers and other paper type signs are not acceptable. (IFC 509.1)
  - "ELEVATOR EQUIPMENT ROOM" sign required on elevator control room door. Sign shall be constructed of durable material, red in color with white lettering no less than 2 inches tall. Stickers and other paper type signs are not acceptable. (IFC 509.1)

**GENERAL FIRE PROTECTION SYSTEM REQUIREMENTS**

- Notice to Contractors - Installation of Fire Services Mains, Fire Sprinkler Systems, Fire Alarm Systems or other Fire Protection Systems is not allowed prior to plan approval by the Lewiston Fire Department and subsequent permit issuance from the City of Lewiston Building Department. Fire Sprinkler Systems must be approved by the Idaho State Fire Marshal's Office prior to being submitted to the Lewiston Fire Department. Contractors who engage in installation prior to appropriate approvals may be cited and the project will be red logged. (IFC 111, 105.4, 105.7, 901.2)
- All Underground Fire Service, Fire Sprinkler Systems, Fire Alarm Systems and Commercial Hood and Duct Systems require separate plans, application, review, permit and fee. Any of the above named systems included shown or noted on the building plans are to be used for fire purposes only. Fire Department approval of the building permit or any associated electrical, plumbing, and/or mechanical permit does not constitute approval of any of the above named systems. (IFC 111, 105.4, 105.7, 901.2)
- Fire Sprinkler System Plans & Fire Alarm System Plans To be sent to:
  - Fire Plan Check
  - City Permit Center
  - 215 B Street
  - Lewiston, ID 83501

**UNDERGROUND FIRE SERVICE**

- Underground fire service mains and all components shall conform to NFPA 72 minimum standard, the plans shall be reviewed and approved by the Fire Department prior to installation. Stamped approved plans must be kept on site for the Fire Inspector. (IFC 507.2.1)
- All new fire hydrants shall meet the following requirements:
  - New hydrant will be Waterloo Pacer or Mueller Centurion with Storz adapter(s).
  - 6" minimum supply for fire hydrant.
  - If combustible building materials are used (including framing) the water supply (including mains and hydrants) shall be designed, installed, tested and approved by the Fire Department prior to stockpiling combustible building materials.
  - Water supply systems for phase construction shall provide required fire flows at all phases.
  - All fire hydrants shall be provided with a 5-inch Harrington HHS Storz adapter with the approved attached seal cap and aircraft cable.
  - All new and existing hydrants shall be installed and/or modified so the 5-inch port is facing toward the fire department vehicle access route (i.e.: road, street, lane, etc.).
- The fire sprinkler system supply will be a dedicated water supply.
- Size and type of fire service mains shall be approved by the Fire Department prior to installation.

**FIRE SPRINKLER SYSTEMS**

- A fully automatic fire sprinkler system is required/ provided due to:
  - Fire flow in excess of 3,000 gpm; Lewiston Mini Code
  - limited access on sides of building; IFC 901.4.4
  - International Fire Code Req. Sec.
  - minimum fire flow is not available; (IFC B105)
- Fire Sprinkler Systems and alterations of an existing system and all components shall conform to NFPA 13, 13R or 13D (whichever is applicable) minimum standard and shall be reviewed by the Fire Department prior to installation. Stamped approved plans and permit must be kept on site for Fire Inspector. (IFC 105.3, 105.4, 105.5 and Lewiston City Code)
  - FDC/PIV locations shall be approved by the Fire Marshal. It is recommended that designers contact the Fire Department prior to design to verify approved locations.
  - Submit to include three sets of plans and calculations with all details per NFPA 13, 13R or 13D.
  - Contractor is required to submit a set of "as-built" documents/drawings for approval prior to final inspection when not installed per plan.
  - est required:
    - New System, 200 psi for 2 hours
- A listed check valve shall be provided in each riser not utilizing an alarm check valve and/or backflow detection device.
- Fire Department Connection (FDC) threads shall be protected with approved Knox FDC plugs. Begin application process with the Fire Department prior to permit issuance. (IFC 912.3.1)
- All control valves shall be listed indicating or listed non-indicating type (NFPA 13). PIV to be located a minimum of 40' from building (NFPA 24). Approved supervised indicating control valves, flow switch and drain shall be provided at the point of connection to the riser on each floor in multi-story buildings. (Lewiston City Code Section 15-1.1 (IFC Amendments).

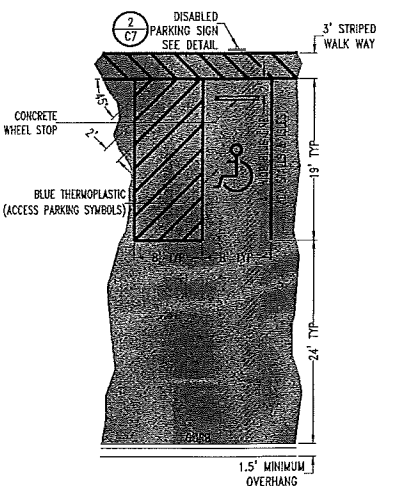
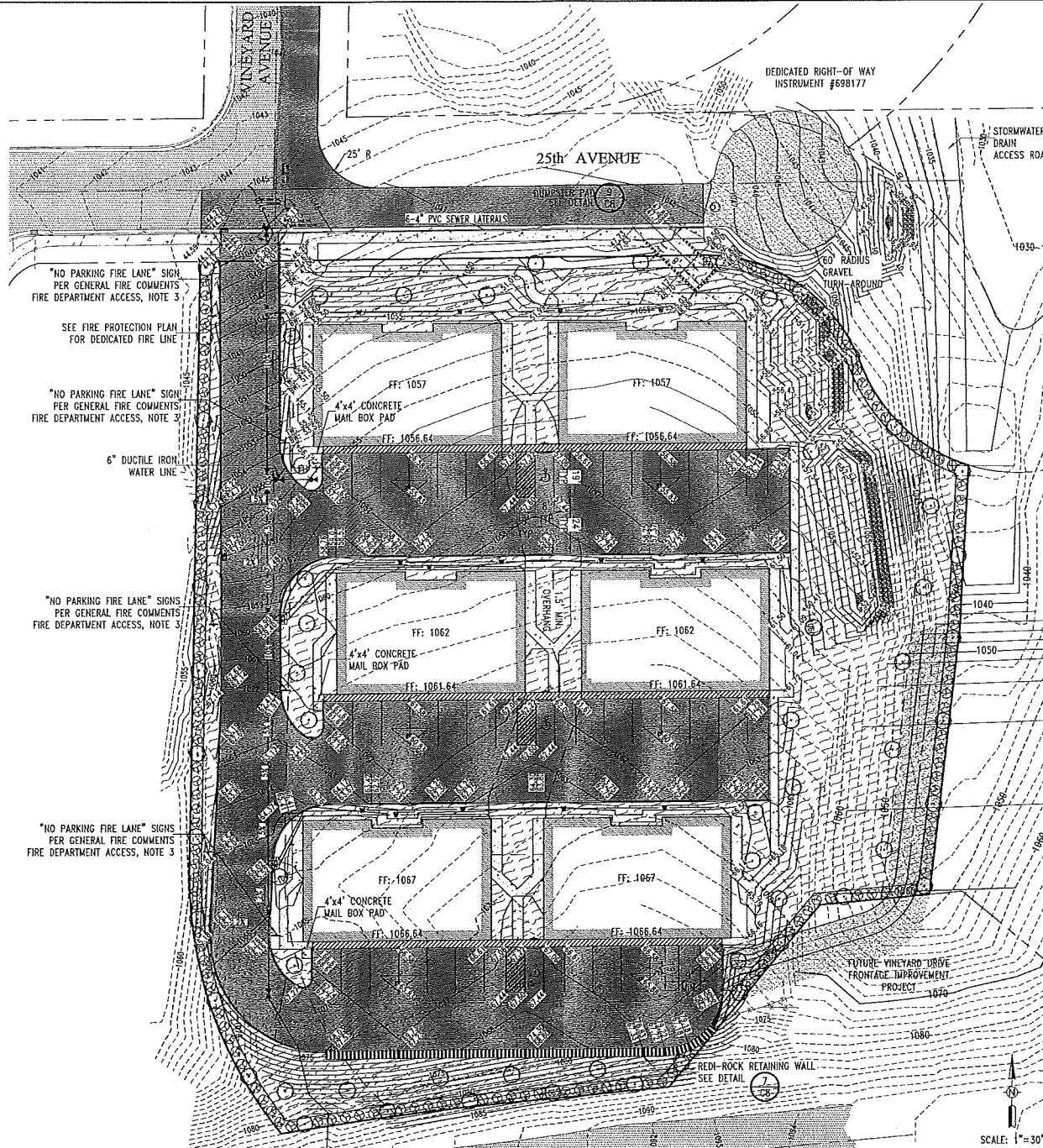
- Large trash receptacles, commonly known as dumpsters that are placed adjacent to structures or in areas where heavy accumulation of combustibles are expected, shall be protected with at least one automatic fire sprinkler head. If the building is not equipped with a fire sprinkler system, the dumpster shall not be stored in the building or placed within 5 feet of combustible walls, openings or combustible roof eave lines. (IFC 304.3.3)

**FIRE ALARM SYSTEM**

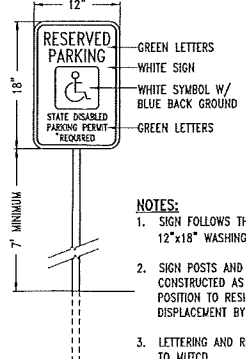
- Fire Alarm System is required/ provided due to:
  - Central Station monitoring of fire control unit (alarm panel). (IFC 903.4)
  - interconnection of the duct detectors to the fire alarm system. Duct smoke detectors shall initiate a supervisory condition of the fire alarm panel and shall be provided with remote annunciation/rel switches. Locations of said appliances shall be indicated on the plans and approved by the Fire Department before installation. (IFC 905.2.2, NFPA 72 Section 5.14.5.8 and/or IFC 907.3.1)
  - Occupant notification. Activation of any fire suppression or alarm appliance shall activate the premises occupant notification system. (IFC 907.5 and NFPA 72) NOTE: Where the occupancy is classified as an "R" or an "I" where the occupants may be sleeping, audible notification shall be provided to the sleeping area in accordance with NFPA 72.
  - When two or more means of notification are present, synchronization of the visible signal is required.
  - Audibility and visibility of notification appliances will be field verified at time of acceptance testing to ensure they are located per section above.
  - Zone maps shall be provided for all systems of the fire alarm panel and annunciation locations.
  - As-built drawings shall be provided to the Fire Department prior to final acceptance testing. An additional set of as-built drawings shall be provided in an approved location within the protected premises.
- Fire Alarm System and all components shall conform to NFPA 72 minimum standards and shall be reviewed and approved by the Fire Department prior to installation. Stamped approved plans and permit must be kept on site for the Fire Inspector. All systems shall comply with the most recently published edition of NFPA 72. (IFC 907, 105.3, 105.4, 105.5 and Lewiston City Code)
  - Fire Alarm contractor must obtain a Fire Alarm System Application from Fire Dept prior to submittal.
  - Completed Fire Alarm System Application must be included with all Fire Alarm plan submittals.
  - Fire Alarm to be monitored by an approved and UL listed central station.

**OTHER FIRE DEPARTMENT REQUIREMENTS**

- This project requires a Haz Mat Data and Key Control Storage Cabinet as located by the Fire Department. Data cabinets shall be mounted between four and six feet above ground (floor) level, readily visible and not more than 12 feet from the main entry to the premises. All building keys shall conform to a master key system. Master keys shall be permanently logged and labeled. (IFC 506.1)
  - The following items shall be provided:
    - All Material Safety Data Sheets
    - Building Floor Plans (must include locations of exits, fire system controls, fire extinguishers, hazardous materials and storage areas)
    - General Facility Site Plan
    - Hazardous Materials Management Plan;
- All site inspections require a minimum 24 hours' notice. ALL FIRE DEPARTMENT INSPECTIONS ARE TO BE REQUESTED THROUGH THE FIRE DEPARTMENT (208 743-3554). PLEASE BE SPECIFIC AS TO TYPE OF INSPECTION REQUESTED.
- Project shall comply with the provisions of IFC 105.3.6 Compliance with code.



**DISABLED PARKING STALLS**  
PER U.S. DEPARTMENT OF JUSTICE "ADA STANDARDS FOR ACCESSABLE DESIGN" NYS 1/07



**DISABLED PARKING SIGN**  
PER U.S. DEPARTMENT OF JUSTICE "ADA STANDARDS FOR ACCESSABLE DESIGN" NYS 1/07

**"AS-BUILT PLANS"**

THE ORIGINAL CONSTRUCTION DRAWINGS HAVE BEEN REVISED TO INCORPORATE INFORMATION SUPPLIED BY THE CONTRACTOR PERTAINING TO SITEWORK ELEMENTS AS THEY WERE CONSTRUCTED.



Know what's below.  
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**LEGEND**

- 494.50 SPOT ELEVATION - FINISHED GRADE (ADD 1000)
- 494.50 SPOT ELEVATION - TOP BACK OF CURB-WALL/FINISHED GRADE
- MANHOLE
- CATCH BASIN
- NEW SHRUB
- NEW TREE PER SEC. 37-153, LEWISTON CODE
- WATER LINE
- BOUNDARY LINE
- RIGHT-OF-WAY
- CENTER LINE
- CURB
- GUARD RAIL - SEE DETAIL 11/08
- RETAINING WALL
- CONCRETE PAVING
- ASPHALT PAVING
- PERIMETER LANDSCAPING PER SEC. 37-153(B)(1) & (2), LEWISTON CODE
- INTERIOR LANDSCAPING PER SEC. 37-153(B)(3), LEWISTON CODE

**PARKING REQUIREMENTS**

2 SPACES PER DWELLING UNIT, 6 UNITS PER BUILDING = 72 SPACES  
TOTAL PARKING REQUIRED = 72 SPACES INCLUDING THREE ADA ACCESSIBLE SPACES.  
PROVIDED = 43 STANDARD SPACES, 36 GARAGE SPACES AND 3 ADA ACCESSIBLE SPACE.  
TOTAL PROVIDED 82 SPACES.

**LANDSCAPE NOTES**

- INTERIOR LANDSCAPING REQUIREMENTS:**  
33,254 S.F. TOTAL VEHICULAR SURFACE AREA @ 5% = 1,662 S.F. INTERIOR LANDSCAPING  
TOTAL PROVIDED = 39,395
- SEE SHEET C-3 FOR UTILITY LOCATIONS. UTILITIES SHOWN ON THE PLANS ARE FROM RECORD SOURCES AND SURFACE OBSERVATION ONLY AND ARE NOT GUARANTEED ACCURATE OR COMPLETE. CALL 811 FOR UTILITY LOCATE BEFORE CONSTRUCTION.
  - APPROVALS: ALL SUBSTITUTES AND EQUIVALENTS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
  - LANDSCAPE IRRIGATION: PROVIDE IRRIGATION SYSTEM TO ALL LANDSCAPED AND PERMANENTLY SEEDED AREAS. CONTRACTOR SHALL SUBMIT IRRIGATION SYSTEM DESIGN TO OWNER FOR APPROVAL PRIOR TO INSTALLATION. TWO 1 1/2 INCH DEDICATED IRRIGATION METERS WILL BE INSTALLED BY OTHERS. SYSTEM SHALL CONFORM TO LOCAL, STATE AND FEDERAL STANDARDS WHERE APPLICABLE. PROVIDE AS-BUILT DRAWING OF IRRIGATION SYSTEM. PROVIDE ONE SYSTEM START-UP AND SHUT-DOWN INSTRUCTION ON SITE FOR OWNER.
  - TOPSOIL SHALL BE LOOSE AND FRABLE, CLEAN AND FREE OF NOXIOUS MATERIALS, WEEDS, ROCKS AND DEBRIS LARGER THAN 1" IN DIAMETER.
  - PLANTING MIX FOR TREES: 100% TOPSOIL.
  - PLANTING MIX FOR SHRUBS AND GROUND COVERS: 80% TOPSOIL, 20% AMENDMENT.
  - SUBSTRATE PREPARATION IN PLANTING BEDS IN AREAS THAT HAVE BEEN COMPACTED FOR PAVING: REMOVE COMPACTED SUBGRADE (IE: IN NARROW PLANTING STRIPS IN PARKING LOTS AND IN PLANTING STRIPS BETWEEN ROADWAYS AND SIDEWALKS), SOIL CONTAMINATED WITH PETROLEUM PRODUCTS AND HEAVY CLAY TO A DEPTH OF 18 INCHES MINIMUM. REPLACE WITH TOPSOIL. SCARIFY SUBGRADE RECEIVING TOPSOIL TO A DEPTH OF FOUR INCHES.
  - SUBSTRATE PREPARATION IN FIRE LANE AREAS: SCARIFY SUBGRADE RECEIVING TOPSOIL TO A DEPTH OF FOUR INCHES. REMOVE DEBRIS IN EXCESS OF TWO INCHES IN SIZE.
  - PREPARATION OF SHRUB PLANTING BEDS AND FINE LAWN AREAS: SPREAD TOPSOIL TO A MINIMUM DEPTH OF SIX INCHES IN LAWN AREAS AND MINIMUM 12 INCHES IN PLANTING BEDS. FINE GRADE ELIMINATING ROUGH OR LOW AREAS THAT WILL NOT DRAIN. ROLL PREPARED PLANTING BED AREAS. FINISH GRADE OF SEEDED LAWN AREAS SHALL BE 1/2 INCH BELOW ADJACENT PAVING/EDGING. FINISH GRADE OF SOD AREAS SHALL BE APPROXIMATELY TWO INCHES BELOW ADJACENT PAVING/EDGING SO THAT THE TOP OF THE INSTALLED SOD MAT IS 1/2 INCH BELOW ADJACENT PAVING/EDGING. FINISH GRADE OF PLANTER BEDS SHALL BE ONE INCH BELOW ADJACENT PAVING/EDGING TO ACCOMMODATE MULCHING MATERIALS.
  - PREPARATION OF PLANTING BEDS FOR GROUND COVERS AND PERENNIALS: SPREAD TOPSOIL TO DEPTH SPECIFIED ABOVE. APPLY 1 1/2 INCHES OF SOIL AMENDMENT. THOROUGHLY MIX INTO SIX INCH DEPTH OF TOPSOIL. FINE GRADE ELIMINATING ROUGH OR LOW AREAS THAT WILL NOT DRAIN. ROLL PREPARED PLANTING BED. FINISH GRADE SHALL BE THREE INCHES BELOW ADJACENT PAVING OR EDGING TO ACCOMMODATE MULCHING MATERIALS.
  - FERTILIZER: TOP DRESSING FERTILIZER FOR SHRUB AND GROUND COVER AREAS: "OSMOCOTE" 14-14-14. PLANTING PIT TABLETS FOR TREES AND SHRUBS: "AGRIFORM" 20-10-5, ONE YEAR TABLETS. APPLY PER MANUFACTURER'S RECOMMENDATIONS. LAWN FERTILIZER: AT PLANTING: 18-10-10-7 (SULFUR) AT 5 LBS. PER 1000 SQ. FT. USE FERTILIZER SPECIFICATION FOR ESTIMATING PURPOSES ONLY. REVISE FERTILIZER APPLICATION PER SOIL ANALYSIS. GRASS MAINTENANCE FERTILIZER: 21-0-0- AT 10 LBS. PER 1000 SQ. FT.
  - PLANTS: SHALL BE FREE OF DISEASE AND HAZARDOUS INSECTS. CONFORM TO "AMERICAN STANDARD FOR NURSERY STOCK", CURRENT EDITION, AMERICAN ASSOCIATION OF NURSERMEN.
  - MULCH: TWO TO THREE-INCH SHREDED, COMPOSTED RED FIR BARK. APPLY MULCH IN ALL PLANTING AREAS NOT DESIGNATED FOR SOD OR HYDROSEEDING. PLACE TO A DEPTH OF THREE INCHES IN ALL PLANTER BEDS. REDUCE MULCH DEPTH AS APPROPRIATE AROUND CROWN OF EACH PLANT AND AT PAVEMENT EDGES.
  - EDGING: "SLIM-EDGE" BY QLY-OLA SALES, INC. (1-800-EDGINS) OR APPROVED EQUIVALENT. INSTALL EDGING WHERE LAWN AREAS AND PLANTER BEDS MEET PER MANUFACTURER'S RECOMMENDATIONS. INSTALL EDGING TO FORM A 3-6" DIAMETER PLANTER AROUND ALL NEW TREES LOCATED IN FINE LAWN AREAS.
  - CONTACT ENGINEER TO CONDUCT A SITE INSPECTION AT SUBSTANTIAL COMPLETION. DEFICIENT MATERIALS AND WORKMANSHIP WILL BE LISTED BY THE ENGINEER AND CORRECTED BY THE LANDSCAPE CONTRACTOR PRIOR TO ESTABLISHING OWNER'S DATE OF FINAL ACCEPTANCE.
  - MAINTENANCE: MAINTAIN LANDSCAPE AND IRRIGATION FOR A PERIOD OF 90 DAYS AFTER FINAL ACCEPTANCE BY OWNER. MAINTENANCE RESPONSIBILITY INCLUDES WEED CONTROL IN ALL LANDSCAPED AND PERMANENTLY SEEDED AREAS. REQUIRED MAINTENANCE PERIOD MUST OCCUR DURING GROWING SEASON (APRIL 15 TO SEPTEMBER 30).
  - WEED CONTROL IN PLANTING BEDS: NO WEED BARRIER FABRIC IS SPECIFIED. SUGGESTED HERBICIDE FOR USE IN PLANTING BEDS IS "SNAPSHOT" BY DOW. APPLY AFTER PLANTING IS COMPLETED AND SOIL HAS BEEN SETTLED BY IRRIGATION. CRACKS AND/OR VOIDS IN PLANTING BACKFILL MUST BE FILLED TO PREVENT DAMAGE TO NEW PLANTINGS. APPLY ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
  - GUARANTEE: GUARANTEE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FOLLOWING OWNER'S FINAL ACCEPTANCE. THE ENGINEER AND LANDSCAPE CONTRACTOR SHALL CONDUCT A SITE INSPECTION ONE-YEAR AFTER THE DATE OF FINAL ACCEPTANCE. MATERIALS AND DEFICIENT WORKMANSHIP WILL BE LISTED BY THE ENGINEER AND SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR WITHIN 30 DAYS OF THE SITE INSPECTION.
  - SHADE TREES AND SHRUBS TO BE CHOSEN BY LANDSCAPE EXPERTS AT TIME OF PLANTING.

811 logo  
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PROFESSIONAL ENGINEER  
LICENSED  
13384  
9-1-16  
STATE OF IDAHO  
SCOTT BECKER

DAWSON HILLS APARTMENTS  
ADA AND CODE COMPLIANCE PLAN  
CODY MERRELL  
STREET ADDRESS  
LEWISTON, IDAHO  
(208) 595-1488

DESIGNED BY: SB  
CHECKED BY: SW  
DATE: 9/1/2016

DATE: 9/1/2016

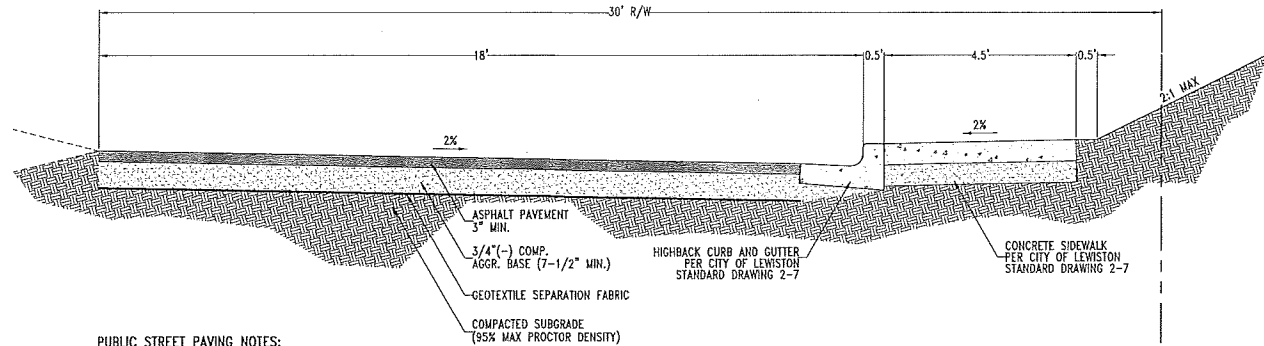
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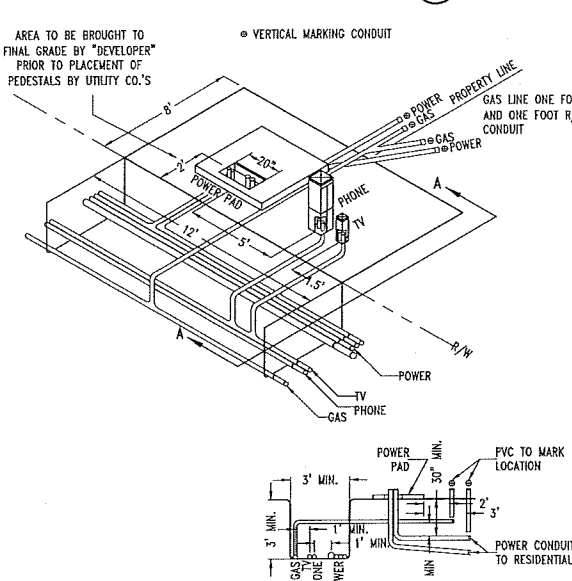
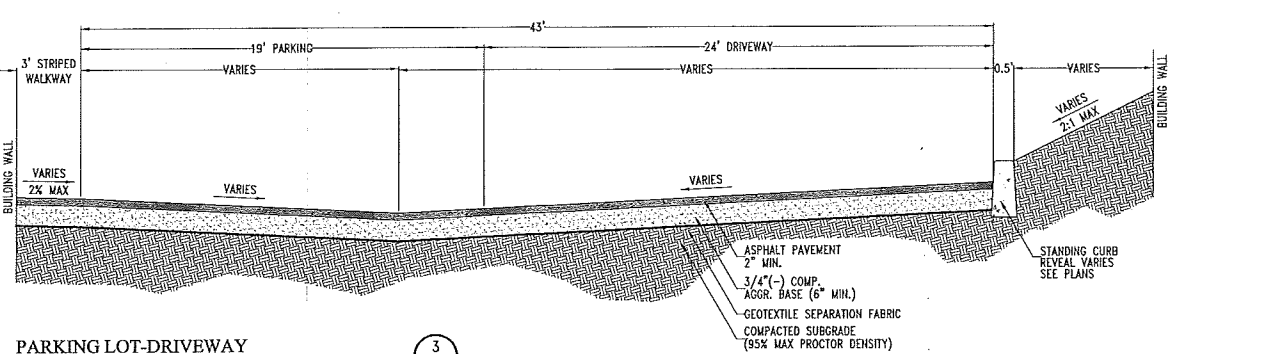
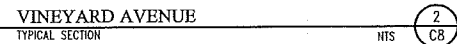
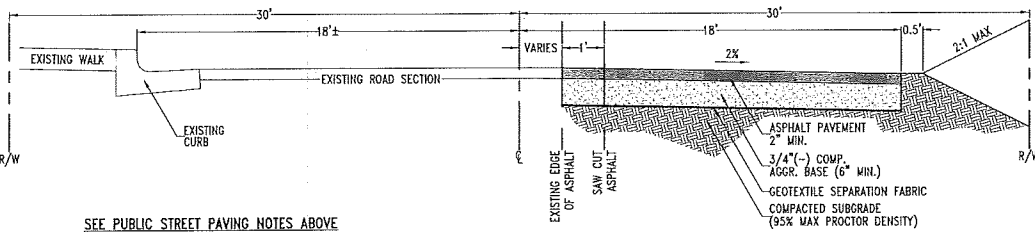
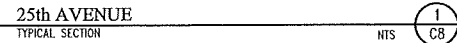
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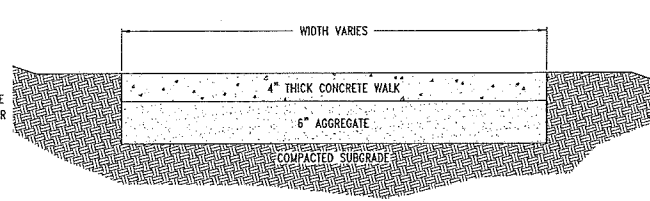


**PUBLIC STREET PAVING NOTES:**

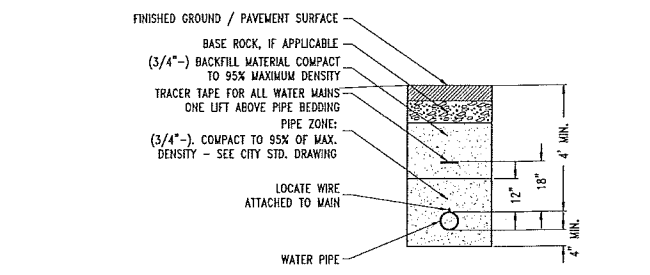
1. 11% GRADE MAX.
2. 200' CENTERLINE RADIUS (MIN.) - SMALLER RADIUS MAY BE ALLOWED IF CURVE IS SUPERELEVATED (REFER TO AASHTO).
3. INSTALL HIGH BACK CURB; ROLLED CURB ONLY WITH WRITTEN APPROVAL OF CITY ENGINEER.
4. CITY ENGINEER MAY REQUIRE SOIL TEST AND/OR GEOTECHNICAL ENGINEERING EVALUATION TO VERIFY LOAD BEARING CAPACITY OF SUBGRADE.
5. TRAFFIC CALMING AND ENTRANCE FEATURES SHALL BE EVALUATED ON A CASE BY CASE BASIS; FINAL APPROVAL SHALL BE BY CITY ENGINEER.
6. ASPHALT PAVEMENT MAYBE WATER TESTED FOR PROPER DRAINAGE PRIOR TO FINAL APPROVAL.
7. CITY ENGINEER MAY REQUIRE CORING OF THE ASPHALT PAVEMENT TO VERIFY PAVEMENT THICKNESS OR DENSITY.
8. ANY VARIATION TO PROPOSED ROAD CROSS-SECTION MUST HAVE WRITTEN APPROVAL FROM CITY ENGINEER.
9. ALL TREE AND UTILITY PLACEMENT MUST MEET CITY OF LEWISTON STANDARD DRAWING NO. 1-1.
10. A 0.5' STRIP TO BE LOCATED BEHIND THE SIDEWALK FOR PLACEMENT OF PROPERTY PINS.



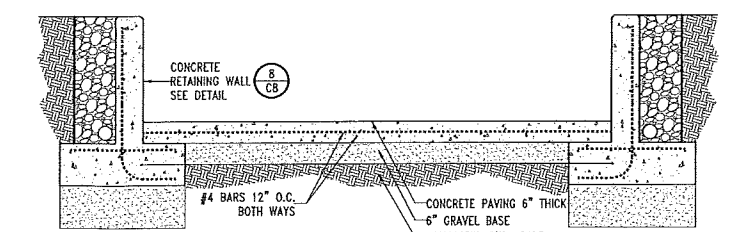
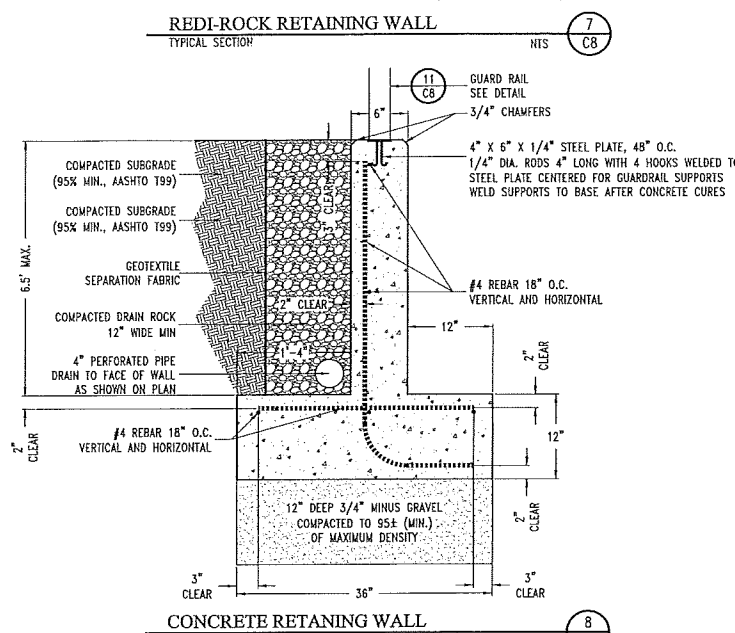
**TRENCH CROSS-SECTION A-A**  
**UTILITY PEDESTAL AND TRENCH**



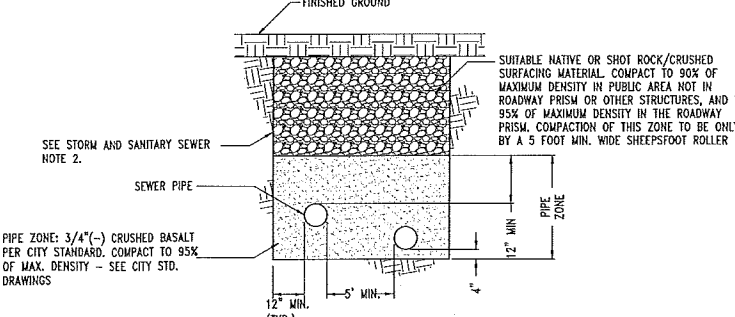
**CONCRETE SIDEWALK**



**WATER LINE TRENCH**



**DUMPSTER PAD**



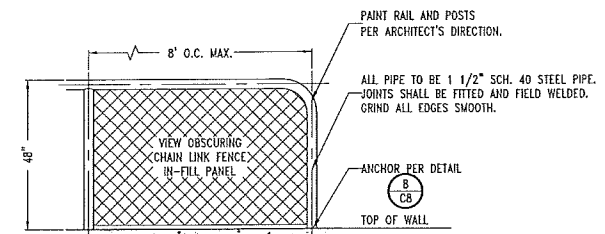
**STORM AND SANITARY SEWER TRENCH**

**"AS-BUILT PLANS"**

THE ORIGINAL CONSTRUCTION DRAWINGS HAVE BEEN REVISED TO INCORPORATE INFORMATION SUPPLIED BY THE CONTRACTOR PERTAINING TO SITEMARK ELEMENTS AS THEY WERE CONSTRUCTED.



Know what's below.  
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**GUARD RAIL**

**GENERAL NOTES**

1. ALL WORK TO BE IN ACCORDANCE WITH CITY OF LEWISTON STANDARDS.
2. UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS ARE NOT GUARANTEED ACCURATE OR COMPLETE. CALL 811 FOR UTILITY LOCATES BEFORE BEGINNING CONSTRUCTION.
3. ALL CONSTRUCTION MUST COMPLY WITH STATE OF IDAHO STANDARDS FOR DRINKING WATER SYSTEMS AND WITH THE STATE OF IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY CRITERIA FOR SEWAGE WORKS DESIGN.
4. THE OWNER IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL ORDINANCES, POLICIES AND LAWS. AN APPROVED EROSION CONTROL PLAN IS PROVIDED AS PART OF THESE CONSTRUCTION DRAWINGS.
5. THE DEVELOPER'S ENGINEER TO FURNISH DESCRIPTIONS FOR ALL PUBLIC UTILITY EASEMENTS OUTSIDE THE BOUNDARY OF THE PLAT. THE CITY WILL PREPARE THE EASEMENT DOCUMENTS.
6. MAXIMUM DENSITY AND OPTIMUM MOISTURE CONTENT WILL BE DETERMINED USING AASHTO T180/ ASTM D1557. IN PLACE DENSITY AND MOISTURE CONTENT SHALL BE DETERMINED BY ASTM D 2922 (NUCLEAR DENSOMETER).
7. RIGHT-OF-WAY PERMIT SHALL BE OBTAINED THROUGH THE PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK BEGINNING IN THE PUBLIC RIGHT-OF-WAY.
8. SITE DISTANCES FOR ABUTTING PROPERTIES DRIVEWAYS AND INTERSECTIONS SHALL BE MAINTAINED.

**ROADWAY**

1. ALL BACKFILL AND SUBGRADE IN PUBLIC STREET SECTION SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
2. ADJUST ALL MANHOLES AND WATER VALVE BOXES TO FINISHED GRADE PRIOR TO PAVING.
3. ALL OFFSET DIMENSIONS ARE FROM INDICATED STATION LINES UNLESS OTHERWISE NOTED.
4. STREET MONUMENTS SHALL BE SET BY ENGINEER IN CASINGS PROVIDED AND SET BY CONTRACTOR. ENGINEER SHALL MARK LOCATION OF CASINGS FOR CONTRACTOR.
5. ALL CUT OR FILL SLOPES ON STREET RIGHTS-OF-WAY SHALL BE MULCHED TO PREVENT EROSION. SEE EROSION CONTROL PLAN, SHEET C2.
6. ALL CURB RADI AT INTERSECTIONS TO BE 25 FEET, PER CITY STANDARD, UNLESS SPECIFICALLY NOTED OTHERWISE.

**CURB AND GUTTER NOTES**

1. SECURE A PERMIT FOR CONSTRUCTION, BEFORE BEGINNING CONSTRUCTION IN PUBLIC RIGHT-OF-WAY.
2. GRADE, ALIGNMENT AND CURB TYPE SHALL BE AS APPROVED BY THE CITY ENGINEER.
3. ALIGNMENT AND GRADE STAKED TO LIP OF GUTTER (LIP) SHALL BE ESTABLISHED OR APPROVED BY THE CITY ENGINEER.
4. THE TOLERANCE FOR FINISHED CURB AND GUTTER - MAX. VARIATION OF SURFACE FLATNESS: 1/4 INCH IN 10 FEET MAX. VARIATION FROM TRUE POSITION (DESIGN GRADE): 1/2 INCH.
5. BASE MATERIAL SHALL BE 4\"/>

Heritage & Associates, Inc.  
Engineers, Planners & Landscape Architects  
P.O. Box 8729  
405 S. Washington Street  
Lewiston, Idaho 83843  
(208) 892-5320

PROFESSIONAL ENGINEER  
LICENSED  
13384  
9-1-16  
STATE OF IDAHO  
SCOTT BECKETT

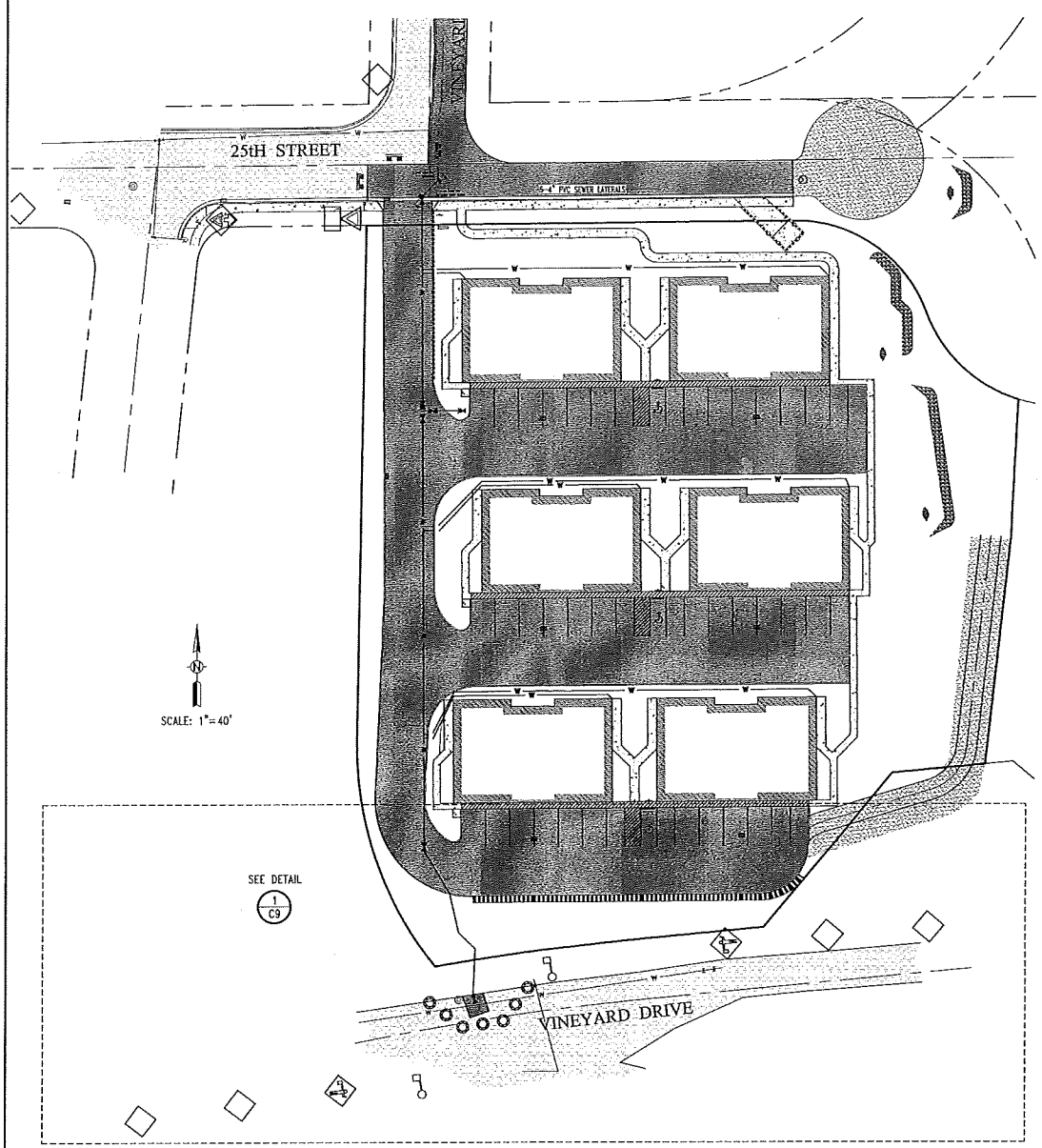
DAWSON HILLS APARTMENTS  
GENERAL NOTES AND DETAILS

CODY MERRELL  
CITY ADDRESS  
LEWISTON, IDAHO  
(208) 899-1488

Designed By: SB  
Drafted by: SW  
Checked by: SB  
File Name: 3669 DETAIL.dwg  
Tab: DETAIL  
Layer Style: STANDARD  
Plot Style: OCE.CTB  
Project: 3669-03-15  
Date: 9/1/2016




C8





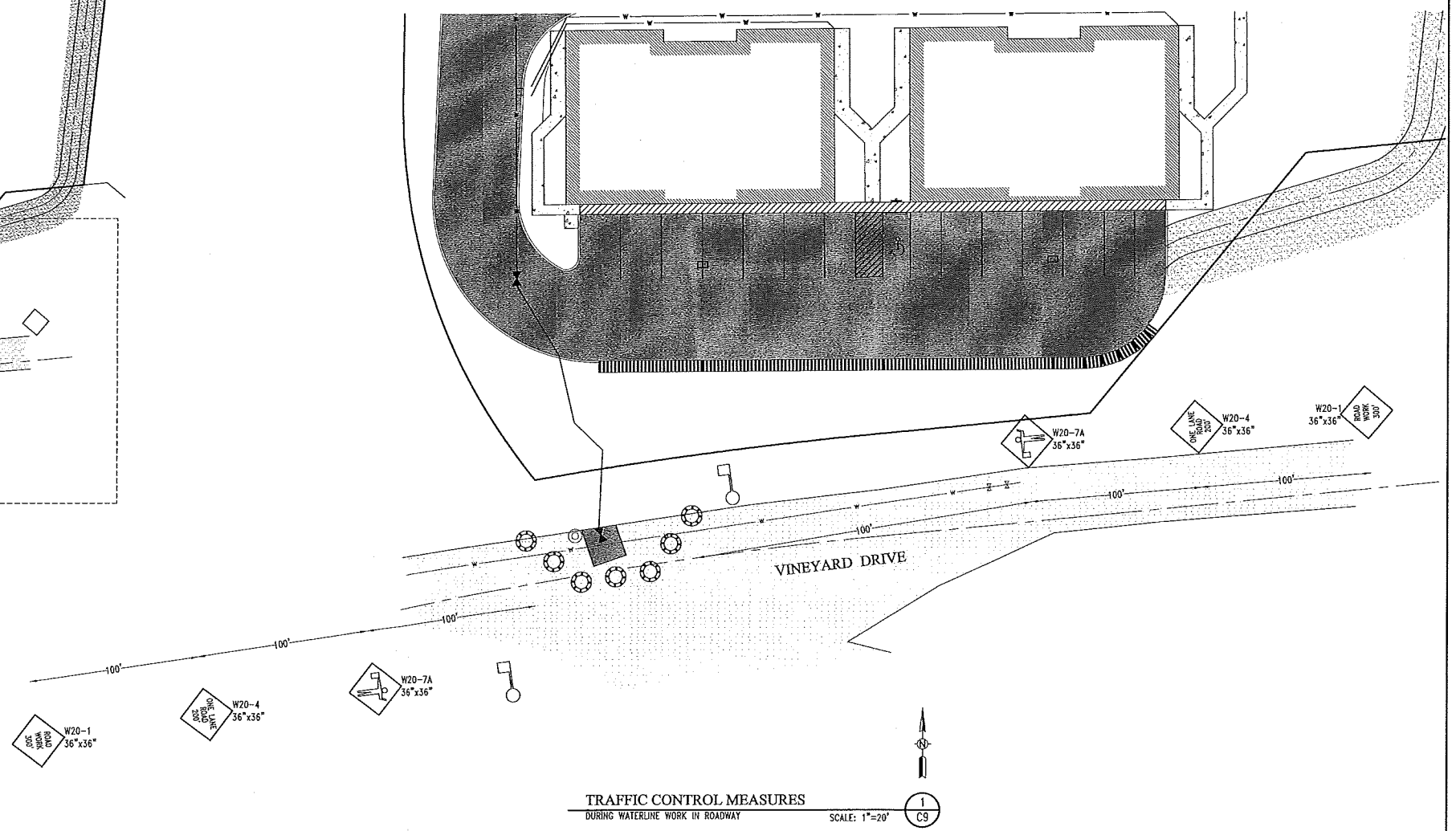
SCALE: 1"=40'

SEE DETAIL  
C9

- LEGEND**
-  FLAGGER LOCATION
  -  TYPE III BARRIER
  -  TRAFFIC CONTROL BARRELL

**"AS-BUILT PLANS"**

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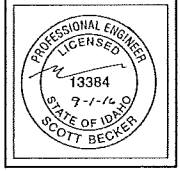


TRAFFIC CONTROL MEASURES  
DURING WATERLINE WORK IN ROADWAY

SCALE: 1"=20'

C9

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406 S. Washington Street  
Cody, WY 82401  
(307) 582-1520



DAWSON HILLS APARTMENTS  
TRAFFIC CONTROL PLAN  
CODY MERRELL  
STREET ADDRESS  
LEWISTON, IDAHO  
(208) 699-1488

Designed By:	SB
Drafted by:	SW
Checked by:	SB
File Name:	3669 Traffic.dwg
Title:	TRAFFIC
Layer Style:	STANDARD
Plot Style:	DCL.ctb
Project:	3669-03-15
Date:	9/1/2016

C9