

NOTICE:
 EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.
 Call BLUE STAKES BEFORE YOU Dig
 1-800-662-4111
 UNDERGROUND SERVICE CORP.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 The Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify, and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.

SEE NOTES ON SHEET C3

5243.51	5238.774	5237.37	5234.181	5231.62	5229.583	5228.84	5224.985	5223.61	5220.388	5217.52	5215.790	5211.62	5211.269	5209.28	5207.447	5206.75	5204.458	5202.59	5202.302	5198.69	5200.980	5203.14	5200.363	5201.28	5199.628	5195.56	5199.028	5195.99	5197.982	5191.18	5196.936	5188.15	5196.104	5192.69	5195.514
13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00	20+50	21+00	21+50																		

DEVELOPER:
 LEWIS HOMES
 ERIC HOUSEHOLDER
 801-289-0040

SCALE: 1" = 30'

DATE	DESIGN	DRAWN	CHECKED
AUGUST 2006	RC	CJP	RC

REVISIONS

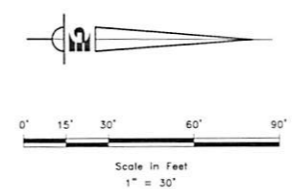
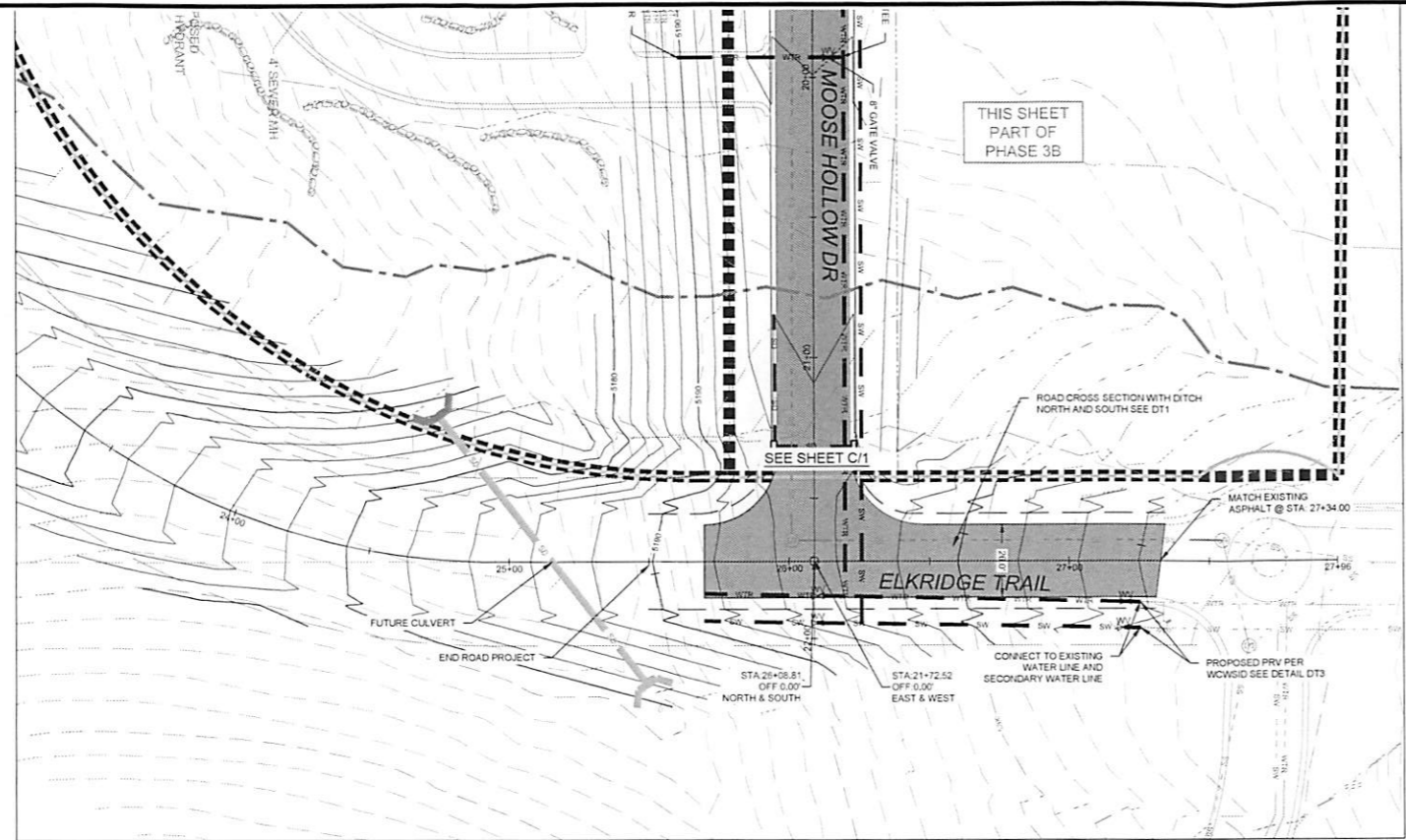
DATE	DESCRIPTION

DWG: A:\LEWIS\LEWIS\ERIC\PHASE 3\THE RIDGE\DWG\13-00-001.DWG

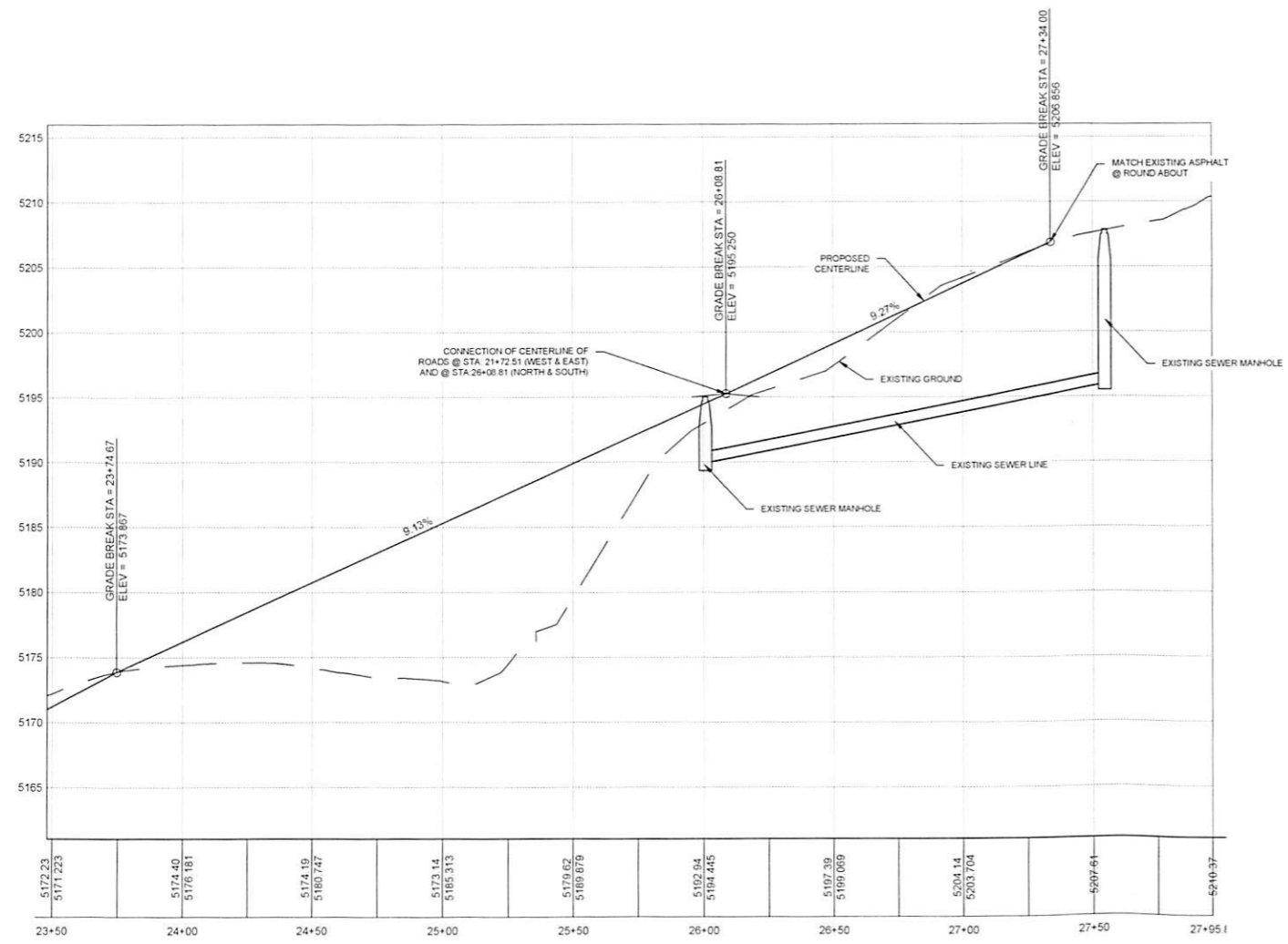


PLAN AND PROFILE
THE RIDGE - PHASE 3
LEWIS HOMES
 EDEN, WEBER COUNTY, UTAH

GARDNER ENGINEERING
 CIVIL • LAND PLANNING
 MUNICIPAL • LAND SURVEYING
 51150 SOUTH 375 EAST OGDEN, UT
 OFFICE: 801.476.0202 FAX: 801.476.0066



- Regular Asphalt
- Heavy Duty Asphalt
- Concrete Sidewalk or Driveway
- Proposed Building



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SEE NOTES ON SHEET C3

DEVELOPER:
LEWIS HOMES
ERIC HOUSEHOLDER
801-389-0040

REVISIONS	DATE	DESCRIPTION

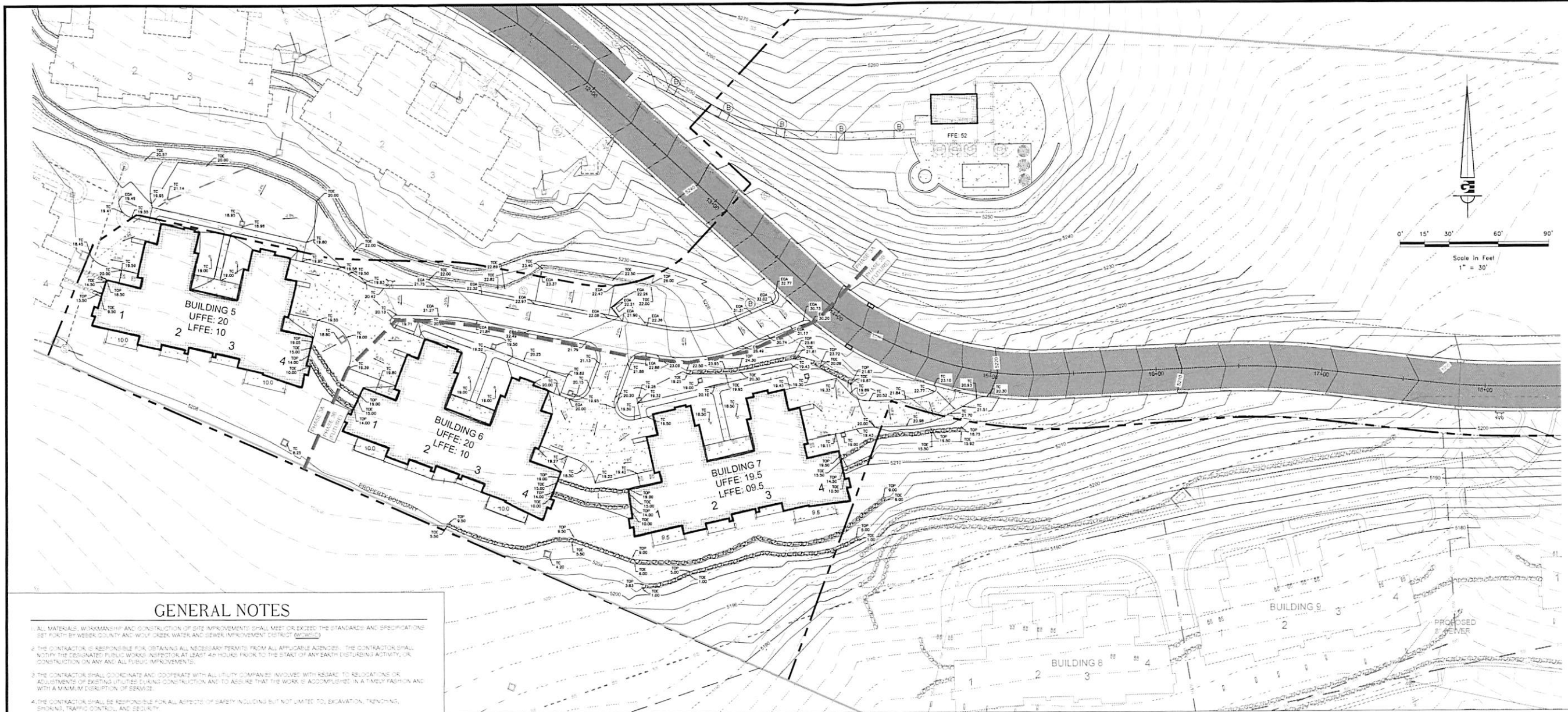


PLAN AND PROFILE
THE RIDGE - PHASE 3
LEWIS HOMES
EDEN, WEBER COUNTY, UTAH

GARDNER ENGINEERING
CIVIL-LAND PLANNING
MUNICIPAL-LAND SURVEYING
5150 SOUTH 375 EAST OGDEN, UT
OFFICE: 801-476-0202 FAX: 801-476-0066

C
2

11/2011 - Lewis Homes Inc. - The Ridge, Townhome Phase 3, 1188 Ridge, City of Eden, Utah. 11/17/2016 5:12 PM P:\Projects\1188 Ridge\1188 Ridge.dwg



SCALE	1" = 30'
DATE	AUGUST 2016
DESIGNER	IC
DRAWN	CLP
CHECKED	IC



GRADING PLAN
 THE RIDGE - PHASE 3
 LEWIS HOMES
 EDEN, WEBER COUNTY, UTAH

GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS SET FORTH BY WEBER COUNTY AND WOLF CREEK WATER AND SEWER IMPROVEMENT DISTRICT (WOWSID).
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE DESIGNATED PUBLIC WORKS INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY, OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS.
3. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH ALL UTILITY COMPANIES INVOLVED WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
5. IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, THE SUBCONTRACTORS, OR OTHER AFFECTED PARTIES, WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, ADJUSTED, AND MAINTAINED UNLESS SPECIFICALLY NOTED OTHERWISE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKS FROM THE SITE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING AS-BUILT DRAWINGS ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE OWNER.
9. THE CONTRACTOR SHALL PROVIDE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHALL BE INSTALLED FROM TO INSTALLATION OF WATER LINES AND DRIP UTILITIES.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS CONSISTENT WITH THE CONTRACTOR'S SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN AS IT RELATES TO THE CONSTRUCTION ACTIVITIES DETERMINED IN THESE PLANS.
11. THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT SHALL BE FOLLOWED.

NOTICE TO CONTRACTOR

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH REGULATIONS OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF UTAH DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL OBTAIN, MAINTAIN, AND HOLD THE OWNER AND THE CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

STORM SEWER GENERAL NOTES

1. ALL STORM SEWER CONNECTIONS SHALL BE IN CONFORMANCE WITH THE WEBER COUNTY STANDARDS AND SPECIFICATIONS. STORM DRAIN PIPE WITHIN THE ROADWAY SHALL BE 18" DIAM. MAN. HOPE CLASS II. LINES OUTSIDE OF ROADWAY SHALL BE PVC 36" DI.
2. RIM ELEVATIONS SHOWN ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATION. PIPELINE CONTRACTOR SHALL USE PRECAST CONCRETE ADJUSTMENT KINGS, GROUT, AND STEEL SHIMS TO ADJUST THE MANHOLE FRAME TO THE REQUIRED FINAL GRADE IN CONFORMANCE WITH THE UTAH CITY STANDARDS AND SPECIFICATIONS AND PLANS. ALL FRAMES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACEMENT OF ASPHALT PAVEMENT.
3. COMPACTION OF ALL TRENCHES WITHIN THE PROJECT SITE MUST BE ATTAINED AND COMPACTION RESULTS SUBMITTED PRIOR TO FINAL ACCEPTANCE.
4. ALL STORM DRAIN PIPES IN THE PUBLIC RIGHT-OF-WAY SHALL BE RCP 36" DI.
5. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FURSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING LIDS. ALL STORM SEWER LIDS SHALL BE LABELED "STORM DRAIN".
6. WHERE CONNECTION TO EXISTING UTILITY IS PROPOSED, CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION AND NOTIFY OWNERS/ENGINEER IF LOCATION AND ELEVATION OF EXISTING UTILITY VARIES FROM THE DESIGN.

SANITARY SEWER GENERAL NOTES

1. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN CONFORMANCE WITH WWSID STANDARDS AND SPECIFICATIONS.
2. ALL GRAVITY SANITARY SEWER LINES SHALL BE 8" DIA. PVC MATERIAL. SEWER LINE CONSTRUCTION AND MATERIALS SHALL CONFORM TO ASTM STANDARDS AND SPECIFICATIONS.
3. DISTANCES SHOWN ON PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT.
4. RIM ELEVATIONS SHOWN ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATION. PIPELINE CONTRACTOR SHALL USE PRECAST CONCRETE ADJUSTMENT KINGS, GROUT, AND STEEL SHIMS TO ADJUST THE MANHOLE FRAME TO THE REQUIRED FINAL GRADE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS. ALL FRAMES SHALL BE ADJUSTED TO FINAL GRADE.
5. ALL SANITARY SEWER MAIN TESTING SHALL BE IN ACCORDANCE WITH THE WWSID STANDARDS AND SPECIFICATIONS. COPIES OF ALL TEST RESULTS SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE.
6. COMPACTION OF ALL TRENCHES WITHIN THE PROJECT SITE MUST BE ATTAINED AND RESULTS SUBMITTED PRIOR TO FINAL ACCEPTANCE.
7. CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING STRUCTURES AND IMPROVEMENTS DURING INSTALLATION OF SANITARY SEWER LINE.
8. WHERE CONNECTION TO EXISTING UTILITY IS PROPOSED, CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION AND NOTIFY OWNERS/ENGINEER IF LOCATION AND ELEVATION OF EXISTING UTILITY VARIES FROM THE DESIGN.

GENERAL GRADING NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE WEBER COUNTY STANDARDS AND SPECIFICATIONS FROM SOILS REPORT (68020474 1/28/15).
2. MAXIMUM SLOPES SHALL BE 2:1 FOR CUT AND FILL UNLESS OTHERWISE NOTED (SEE NOTE 12).
3. COMPACTION REQUIREMENTS AND TESTING SHALL BE PERFORMED TO MEET THE REQUIREMENTS OF THE SOILS REPORT. MINIMUM COMPACTION TESTS AT 1' FT LIPS.
4. IN AREAS WHERE BASEMENT ELEVATIONS ARE GREATER THAN 4' FT BELOW EXISTING GROUND, FOUNDATION DRAINAGE SHALL BE INSTALLED PER THE SOILS REPORT. IT IS ASSUMED THAT FOUNDATION DRAINAGE WILL BE REQUIRED ON THE NORTH SIDE OF BUILDING 2.
5. NO FILL SHALL BE PLACED UNTIL VEGETATION HAS BEEN REMOVED AND SUB-GRADE PREPARED PER THE SOILS REPORT.
6. DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS.
7. CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN BY INSTALLING BMPs PRIOR TO COMMENCEMENT OF EXCAVATION ACTIVITIES. CONTACT THE CITY INSPECTOR FOR INSPECTION.
8. THE CONTRACTOR SHALL CONTACT BLUE STAKES FOR LOCATION MARKINGS PRIOR TO COMMENCING EXCAVATION ACTIVITIES.
9. STREETS ADJACENT TO THE PROJECT SHALL BE CLEAN AT ALL TIMES.
10. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR ALL REQUIRED INSPECTIONS.
 1. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH WATER UTILITY TO OBTAIN A WATER METER.
 2. IF WATER IS ENCOUNTERED ON CUT SLOPES, PERFORATED LAND DRAIN OR OTHER GROUND WATER MITIGATION SHALL BE INSTALLED TO DIRECT WATER TO ROADWAY OR STORM DRAIN. WHEN SITE CONDITIONS ALLOW, ROCK WALLS MAY BE USED TO MINIMIZE CUT SLOPE. WALLS WILL BE INSTALLED IN ACCORDANCE WITH RETAINING WALL DETAILS ON THE SITE DATA SHEET.

SWPPP GENERAL NOTES

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AS REQUIRED BY THE CITY AND STATE.
2. ALL STRUCTURAL EROSION MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION PRIOR TO ANY OTHER GROUND-DISTURBING ACTIVITY. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR, UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREA IS STABILIZED WITH HARD SURFACE OR LANDSCAPING.

WATER GENERAL NOTES

1. ALL INSTALLATION AND MATERIALS SHALL CONFORM TO WWSID STANDARDS AND SPECIFICATIONS AND PLANS. CLONARY WATER LINES SHALL BE DUCTILE IRON CLASS 52. ALL SECONDARY WATER LINES SHALL BE PIP 10000 OR 14.
2. TRUST BLOCKING IS REQUIRED AT ALL BENDS AND FITTINGS. TRUST BLOCKS SHALL BE USED AT ALL BENDS AND FITTINGS WHERE TRUST BLOCKS DO NOT BEAR AGAINST UNDISTURBED SOIL.
3. ALL WATER LINES AT SEWER CROSSINGS SHALL BE LOCATED ABOVE AND HAVE AN 1" MIN. VERTICAL SEPARATION FROM THE SEWER PIPE. IF THIS IS NOT PROVIDED, THE WATERLINE SHALL BE INSTALLED WITH 20 LIP OF CASING CENTERED OVER THE SEWER PIPE.
4. DISINFECTION TESTS SHALL BE PERFORMED BY THE CONTRACTOR IN COORDINATION WITH THE DISTRICT.
5. LOCATION OF COMPLETED WATER LINE. THE NEW WATER LINE SHALL BE DISINTEGRATED BY CHLORINATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL RELATED COSTS AND FEES RELATED TO THE CHLORINATION OF THE COMPLETED WATER LINE. THIS TEST SHALL BE PERFORMED PRIOR TO CONNECTION OF THE NEW WATER LINE TO THE EXISTING WATER SYSTEM. THE CONTRACTOR SHALL NOTIFY HWID AT LEAST 24 HOURS BEFORE THE CHLORINATION IS DESIRED.
6. CONTRACTOR SHALL COORDINATE CONNECTION TO THE WATER LINE WITH THE DISTRICT.
7. A MINIMUM HORIZONTAL CLEARANCE OF 10 FEET SHALL BE MAINTAINED FROM SANITARY SEWER MAINS.
8. UNLESS OTHERWISE SPECIFIED, ALL WATER LINES SHALL BE DUCTILE IRON.
9. CONTRACTOR SHALL LOCATE VALVES PRIOR TO CONNECTION WITH EXISTING SYSTEM, BUT SHALL NOT OPERATE ANY VALVE WITHOUT PERMISSION FROM THE DISTRICT.
10. ALL WATER MAINS, VALVES, FIRE HYDRANTS, SERVICES AND APPURTENANCES SHALL BE INSTALLED, TESTED, AND APPROVED PRIOR TO PAVING.
11. THERE SHALL BE A WATER SUPPLY TO THE DEVELOPMENT BEFORE ANY WOOD CONSTRUCTION STARTS.
12. WATER METERS SHALL BE MARKED WITH IDENTIFICATION NUMBER AS SHOWN ON PLANS.

- Regular Asphalt
- Heavy Duty Asphalt
- Concrete Sidewalk or Driveway
- Proposed Building

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Call BLUE STAKES BEFORE YOU Dig

1-800-662-4111

UTILITY DISCLAIMER

THE CONTRACTOR IS HEREBY ADVISED THAT THE LOCATION AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO "811" TO ESTABLISH THE LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

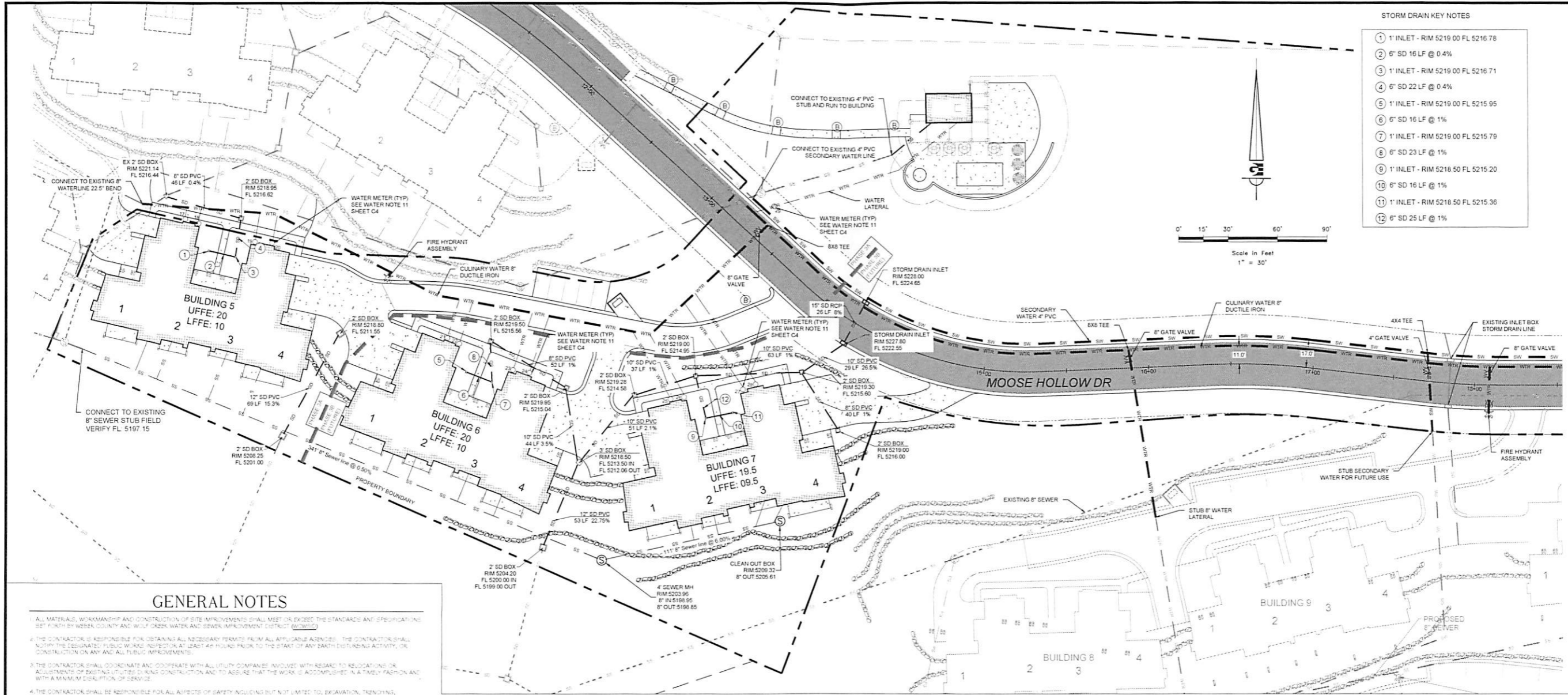
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GARDNER ENGINEERING

CIVIL - LAND PLANNING
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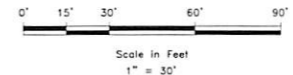
5115 SOUTH 375 EAST OGDEN, UT
OFFICE: 801.476.0202 FAX: 801.476.0066

DEVELOPER
LEWIS HOMES
ERIC HOUSING CORP
801-589-0040



STORM DRAIN KEY NOTES

- 1" INLET - RIM 5219.00 FL 5216.78
- 6" SD 16 LF @ 0.4%
- 1" INLET - RIM 5219.00 FL 5216.71
- 6" SD 22 LF @ 0.4%
- 1" INLET - RIM 5219.00 FL 5215.95
- 6" SD 16 LF @ 1%
- 1" INLET - RIM 5219.00 FL 5215.79
- 6" SD 23 LF @ 1%
- 1" INLET - RIM 5218.50 FL 5215.20
- 6" SD 16 LF @ 1%
- 1" INLET - RIM 5218.50 FL 5215.36
- 6" SD 25 LF @ 1%



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2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE RESIDENTS OF PUBLIC WORKS ACTIVITIES AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS.
3. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH ALL UTILITY COMPANIES INVOLVED WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING BUT NOT LIMITED TO: EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
5. IF DURING THE CONSTRUCTION PROCESS CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, THE SUBCONTRACTOR, OR OTHER AFFECTED PARTIES, WHICH COULD NEGOTIATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED AND RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKS FROM THE SITE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE OWNER.
9. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS CONSISTENT WITH THE CONTRACTOR SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN AS RELATED TO THE CONSTRUCTION ACTIVITIES CONTEMPLATED IN THESE PLANS.
11. THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT SHALL BE FOLLOWED.

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CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THE REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE OWNER'S ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING JOB LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

STORM SEWER GENERAL NOTES

1. ALL STORM SEWER CONNECTIONS SHALL BE IN CONFORMANCE WITH THE WEBER COUNTY STANDARDS AND SPECIFICATIONS. STORM DRAIN PIPE WITHIN THE ROADWAY SHALL BE 15" DIAM. MAN. RCP CLASS III. LINED OUTSIDE OF ROADWAY SHALL BE PVC 24" OR 26".
2. RIM ELEVATIONS SHOWN ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATION. PIPELINE CONTRACTOR SHALL USE PRECAST CONCRETE ADJUSTMENT KINGS, GROUT AND STEEL SHIMS TO ADJUST THE MANHOLE FRAME TO THE REQUIRED FINAL GRADE IN CONFORMANCE WITH THE DESIGN CITY STANDARDS AND SPECIFICATIONS AND PLANS. ALL FRAMES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO PLACEMENT OF ASPHALT PAVING.
3. COMPACTION OF ALL TRENCHES WITHIN THE PROJECT SITE MUST BE ATTAINED AND COMPACTION RESULTS SUBMITTED PRIOR TO FINAL ACCEPTANCE.
4. ALL STORM DRAIN PIPES IN THE PUBLIC RIGHT-OF-WAY SHALL BE 40' MIN.
5. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEAKING USED. ALL STORM SEWER LIDS SHALL BE LABELED "STORM DRAIN".
6. WHERE CONNECTION TO EXISTING UTILITY IS PROPOSED, CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION AND NOTIFY OWNERS/ENGINEER IF LOCATION AND ELEVATION OF EXISTING UTILITY VARIES FROM THE DESIGN.

SANITARY SEWER GENERAL NOTES

1. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN CONFORMANCE WITH WQWSD STANDARDS AND SPECIFICATIONS.
2. ALL GRAVITY SANITARY SEWER LINES SHALL BE 8" OR 12" PVC MATERIAL. SEWER LINE CONSTRUCTION AND MATERIALS SHALL CONFORM TO ASTM STANDARDS AND SPECIFICATIONS.
3. DISTANCES SHOWN ON PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT.
4. RIM ELEVATIONS SHOWN ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATION. PIPELINE CONTRACTOR SHALL USE PRECAST CONCRETE ADJUSTMENT KINGS, GROUT AND STEEL SHIMS TO ADJUST THE MANHOLE FRAME TO THE REQUIRED FINAL GRADE IN CONFORMANCE WITH THE STANDARDS AND SPECIFICATIONS. ALL FRAMES SHALL BE ADJUSTED TO FINAL GRADE.
5. ALL SANITARY SEWER MAIN TESTING SHALL BE IN ACCORDANCE WITH THE WQWSD STANDARDS AND SPECIFICATIONS. COPIES OF ALL TEST RESULTS SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE.
6. COMPACTION TESTING OF ALL TRENCHES WITH THE PROJECT SITE MUST BE ATTAINED AND RESULTS SUBMITTED PRIOR TO FINAL ACCEPTANCE.
7. CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING STRUCTURES AND IMPROVEMENTS DURING INSTALLATION OF SANITARY SEWER LINE.
8. WHERE CONNECTION TO EXISTING UTILITY IS PROPOSED, CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION AND NOTIFY OWNERS/ENGINEER IF LOCATION AND ELEVATION OF EXISTING UTILITY VARIES FROM THE DESIGN.

GENERAL GRADING NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE WEBER COUNTY STANDARDS AND SPECIFICATIONS. DIRECTION FROM SOULS REPORT (2020) 1-25/21.
2. MAXIMUM SLOPE SHALL BE 2.5% FOR CUT AND FILL UNLESS OTHERWISE NOTED. (SEE NOTE 1-9).
3. COMPACTION REQUIREMENTS AND TESTING SHALL BE PERFORMED TO MEET THE REQUIREMENTS OF THE SOULS REPORT. MINIMUM COMPACTION TESTS AT 1 FT LIFTS.
4. IN AREAS WHERE BASEMENT ELEVATIONS ARE GREATER THAN 4 FT BELOW EXISTING GROUND, FOUNDATION DRAINAGE SHALL BE INSTALLED PER THE SOULS REPORT. IT IS ASSUMED THAT FOUNDATION DRAINAGE WILL BE REQUIRED ON THE NORTH SIDE OF BUILDING 2.
5. NO FILL SHALL BE PLACED UNTIL VEGETATION HAS BEEN REMOVED AND SUB-GRADE PREPARED PER THE SOULS REPORT.
6. EROSION SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS.
7. CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN BY INSTALLING BMP'S PRIOR TO COMMENCEMENT OF EXCAVATION ACTIVITIES. CONTACT THE CITY INSPECTOR FOR INFORMATION.
8. THE CONTRACTOR SHALL CONTACT BLUE STAKES FOR LOCATION MARKING PRIOR TO COMMENCING EXCAVATION ACTIVITIES.
9. STREETS ADJACENT TO THE PROJECT SHALL BE CLEAN AT ALL TIMES.
10. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR ALL REQUIRED INSPECTIONS.
11. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH WATER UTILITY TO OBTAIN A WATER METER.
12. IF WATER IS ENCOUNTERED ON CUT SLOPES, PERFORATED LAND DRAIN OR OTHER GROUNDWATER MITIGATION SHALL BE INSTALLED TO DIRECT WATER TO ROADWAY OR STORM DRAIN, WHERE SITE CONDITIONS ALLOW. ROCK WALLS MAYBE USED TO MINIMIZE OUT SLOPE WALLS WILL BE CONSTRUCTED IN ACCORDANCE WITH RETAINING WALL DETAIL ON THE SITE DETAIL SHEET.

SWPPP GENERAL NOTES

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AS REQUIRED BY THE CITY AND STATE.
2. ALL STRUCTURAL EROSION MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION, PRIOR TO ANY OTHER GROUND DISTURBING ACTIVITY. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR, UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREA IS STABILIZED WITH HARD SURFACE OR LANDSCAPING.

WATER GENERAL NOTES

1. ALL INSTALLATION AND MATERIALS SHALL CONFORM TO WQWSD STANDARDS AND SPECIFICATIONS AND PLANS. CULINARY WATERLINES SHALL BE DUCTILE IRON (CLASS 50). ALL SECONDARY WATERLINES SHALL BE PVC 6000 OR 14".
2. TRUST BLOCKING IS REQUIRED AT ALL BENDS AND FITTINGS. TRUST BLOCKS SHALL BE USED AT ALL BENDS AND FITTINGS WHERE TRUST BLOCKS DO NOT BEAR AGAINST UNDISTURBED SOIL.
3. ALL WATERLINES AT SEWER CROSSINGS SHALL BE LOCATED ABOVE AND HAVE AN 18" MINIMUM VERTICAL SEPARATION FROM THE SEWER PIPE. IF THIS IS NOT PROVIDED, THE WATERLINE SHALL BE INSTALLED WITH 20" LIFT OF GRADE CENTERED OVER THE SEWER PIPE.
4. CHLORINATION TESTS SHALL BE PERFORMED BY THE CONTRACTOR IN COORDINATION WITH THE DISTRICT.
5. CHLORINATION OF COMPLETED WATER LINE. THE NEW WATER LINES SHALL BE DISINFECTED BY CHLORINATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL RELATED COSTS AND FEES RELATED TO THE CHLORINATION OF THE COMPLETED WATER LINE. THIS TEST SHALL BE PERFORMED PRIOR TO CONNECTION OF THE NEW WATER LINES TO THE EXISTING WATER SYSTEM. THE CONTRACTOR SHALL NOTIFY HWCD AT LEAST 48 HOURS BEFORE THE CHLORINATION IS BEGINS.
6. CONTRACTOR SHALL COORDINATE CONNECTION TO THE WATER LINE WITH THE DISTRICT.
7. A MINIMUM HORIZONTAL CLEARANCE OF 10 FEET SHALL BE MAINTAINED FROM SANITARY SEWER MAINS.
8. UNLESS OTHERWISE SPECIFIED, ALL WATERLINES SHALL BE DUCTILE IRON.
9. CONTRACTOR SHALL LOCATE VALVES PRIOR TO CONNECTION WITH EXISTING SYSTEM, BUT SHALL NOT OPERATE ANY VALVE WITHOUT PERMISSION FROM THE DISTRICT.
10. ALL WATER MAINS, VALVES, FIRE HYDRANTS, SERVICES AND APPURTENANCES SHALL BE INSTALLED, TESTED, AND APPROVED PRIOR TO PAVING.
11. THERE SHALL BE A WATER SUPPLY TO THE DEVELOPMENT BEFORE ANY WOOD CONSTRUCTION STARTS.
12. WATER METERS SHALL BE MARKED WITH IDENTIFICATION NUMBER AS SHOWN ON PLANS.

UTILITY DISCLAIMER

THE CONTRACTOR IS SPECIFICALLY ADVISED THAT THE LOCATION AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH DO NOT COMPLY WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



NOTICE:

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE UTILITIES NOT SHOWN OR SHOWING INCONCISTENCY.

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1-800-662-4111
www.bluestakes.com

PRIVATE ENGINEERS NOTICE TO CONTRACTORS

The Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify, and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.

REVISIONS	DATE	DESCRIPTION

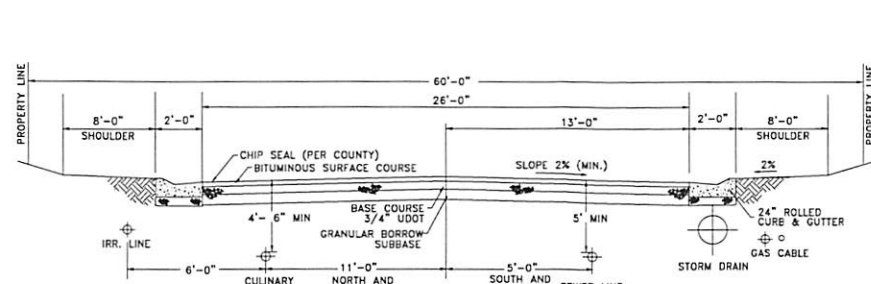


BUILDING UTILITY PLAN
THE RIDGE - PHASE 3
LEWIS HOMES
EDEN, WEBER COUNTY, UTAH

GARDNER ENGINEERING
 CIVIL & LAND PLANNING
 MUNICIPAL/LAND SURVEYING
 5150 SOUTH 375 EAST OGDEN, UT
 OFFICE: 801-476-0242 FAX: 801-476-0088

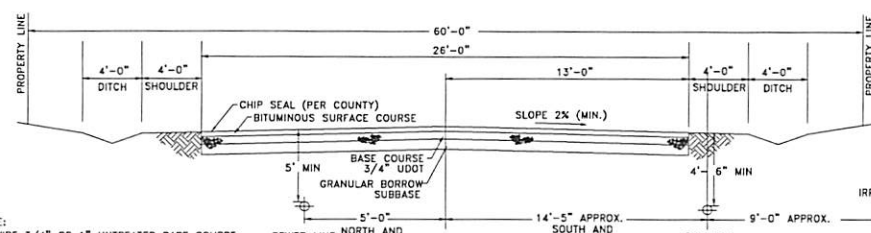
DEVELOPER
 LEWIS HOMES
 ERIC HENNINGSEN
 801-289-0040

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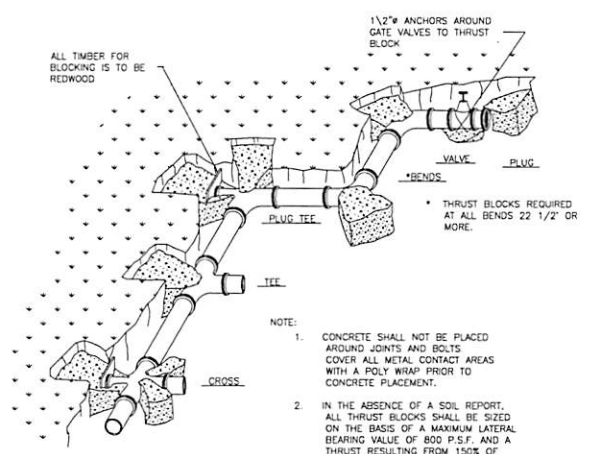
ROAD CROSS SECTION (TYP)
N.T.S.

NOTE: PROVIDE 3/4" OR 1" UNTREATED BASE COURSE 6" THICKNESS UNDER CURB AND GUTTER



ROAD CROSS WITH DITCH SECTION
N.T.S.

NOTE: PROVIDE 3/4" OR 1" UNTREATED BASE COURSE 6" THICKNESS UNDER CURB AND GUTTER



THRUST BLOCKING DETAIL
APPLIES TO ALL PRESSURE PIPE

TABLE OF BEARING AREAS IN SQ. FT FOR CONCRETE THRUST BLOCKING

SIZE	BENDS			TEES*	GATE VALVES	DEAD ENDS	CROSS/BRANCH PLUGGED	CROSS/BRANCH PLUGGED
	90°	45°	22 1/2°					
3	1.0	0.0	0.3	0	0.7	0.5	0.7	0.7
4	1.8	1.0	0.5	0	1.3	0.5	1.3	1.3
6	4.0	2.2	1.1	0	2.8	0.7	2.8	2.8
8	7.1	3.8	2.0	1.0	5.0	2.4	5.0	5.0
10	11.1	6.0	3.0	1.5	7.8	4.5	7.8	7.8
12	16.0	8.6	4.4	2.2	11.3	7.3	11.3	11.3
14	21.7	11.8	6.0	3.0	15.4	11.0	15.4	15.4
15	25.0	13.5	7.0	3.5	17.6	12.6	17.6	17.6
16	28.4	15.3	8.0	4.0	20.0	14.0	20.0	20.0
18	36.0	19.4	10.0	5.0	25.4	17.6	25.4	25.4
20	44.2	24.0	12.2	6.1	31.4	21.4	31.4	31.4
21	49.0	26.5	13.5	6.8	34.6	23.4	34.6	34.6
22	54.0	29.0	14.8	7.4	38.0	25.4	38.0	38.0
24	64.0	34.5	17.7	8.8	45.0	30.0	45.0	45.0
30	100.0	54.0	27.6	13.8	71.0	48.0	71.0	71.0
36	144.0	78.0	40.0	20.0	102.0	66.0	102.0	102.0

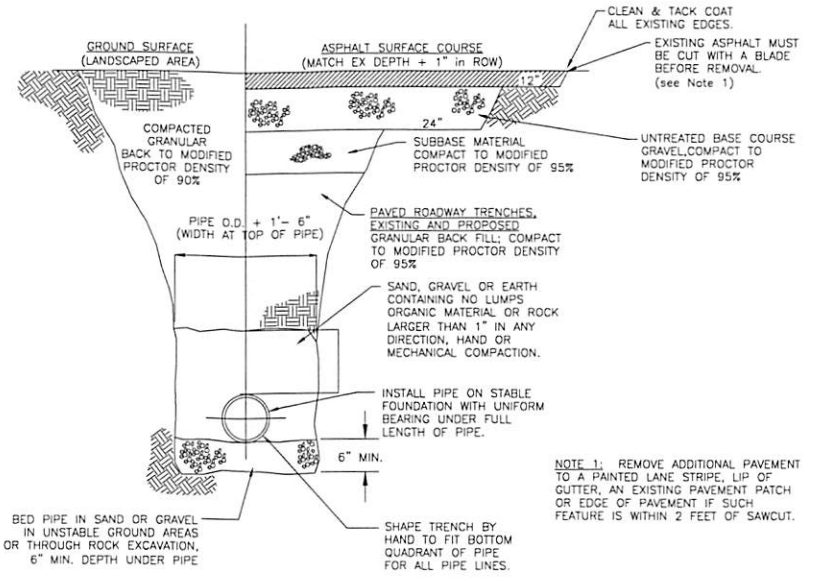
*SIZE IS BRANCH SIZE.
FOR 100 P.S.I. INTERNAL STATIC PRESSURE AND 1000 LBS PER SQ. FT. SOIL BEARING CAPACITY.

ALL VALVES, TEES, CROSSES AND BENDS GREATER THAN 22.5" SHALL ALSO BE FITTED WITH MECHANICAL RESTRAINTS, SUCH AS MEGA LUGS OR APPROVED EQUAL.

AREAS GIVEN IN TABLE ARE BASED UPON AN INTERNAL STATIC PRESSURE OF 100 P.S.I. AND A SOIL BEARING CAPACITY OF 1000 LBS PER SQ. FT. BEARING AREAS FOR ANY PRESSURE AND SOIL BEARING CAPACITY MAY BE OBTAINED BY MULTIPLYING THE TABULATED VALUES BY A CORRECTION FACTOR "F".

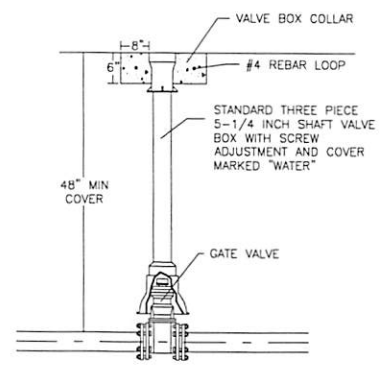
F = ACTUAL SPECIFIED TEST PRESSURE IN HUNDREDS OF LBS/SQ. IN. / ACTUAL SOIL BEARING CAPACITY IN THOUSANDS OF LBS.

EXAMPLE: TO FIND BEARING AREA FOR 8"-90° BEND WITH A STATIC INTERNAL PRESSURE OF 1500 P.S.I. AND WITH A SOIL BEARING CAPACITY OF 3000 LBS. PER SQ. FT.
 $F = 1.5 / 3 = 0.5$ TABULATED VALUE = 7.1 SQ. FT.
 $0.5 \times 7.1 = 3.55 \approx 4$ SQ. FT. (~OR 2FT. LONG BY 2FT. HIGH.)

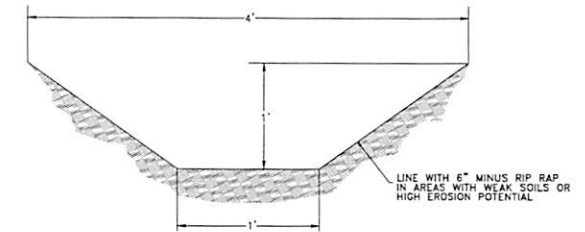


TYPICAL TRENCH SECTION
N.T.S.

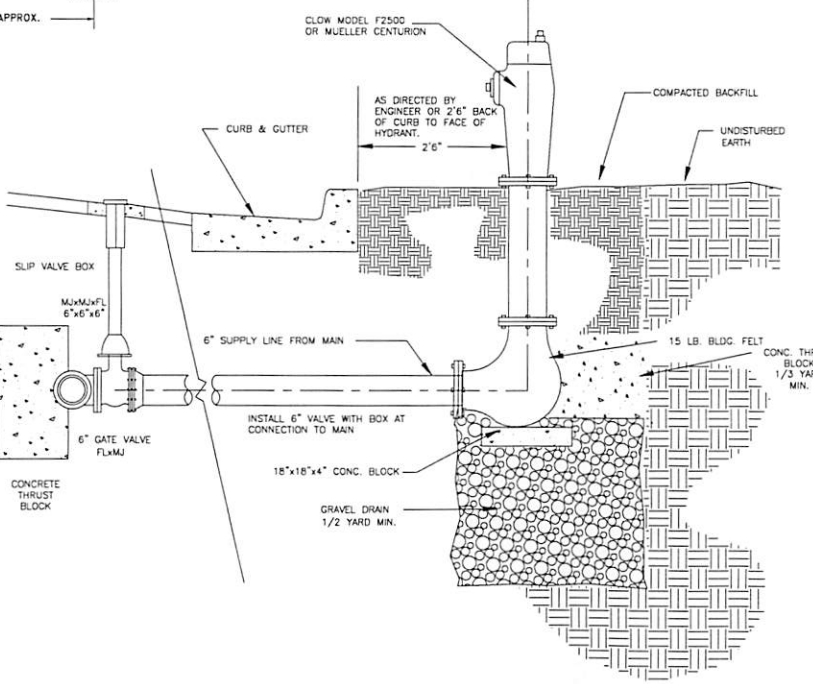
NOTE 1: REMOVE ADDITIONAL PAVEMENT TO A PAINTED LANE STRIPE, LIP OF GUTTER, AN EXISTING PAVEMENT PATCH OR EDGE OF PAVEMENT IF SUCH FEATURE IS WITHIN 2 FEET OF SAWCUT.



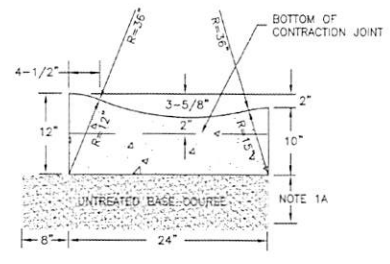
GATE VALVE DETAIL
N.T.S.



DRAINAGE DITCH
N.T.S.

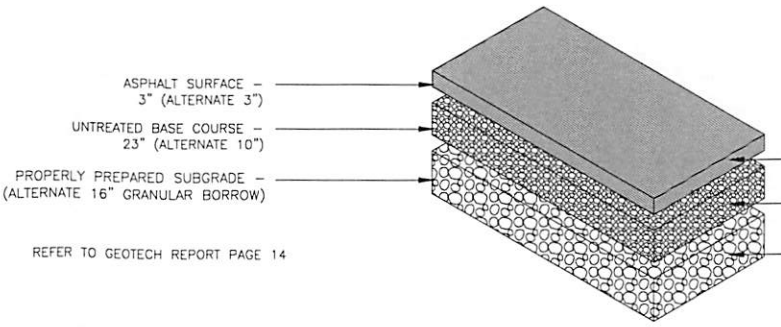


TYPICAL WATER HYDRANT INSTALLATION DETAIL
N.T.S.

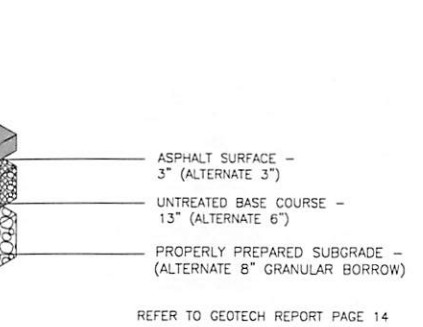


24' ROLLED CURB AND GUTTER
N.T.S.

CONCRETE AREA = 1.989 SQ. FT.



TYPICAL HEAVY DUTY ASPHALT PAVING
N.T.S.



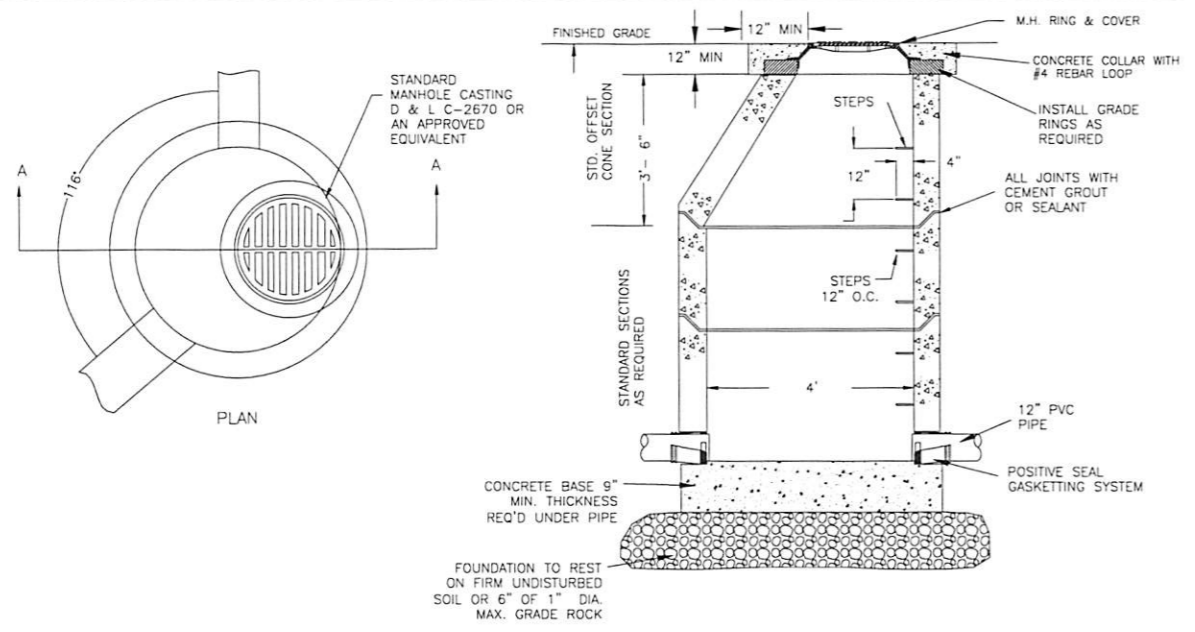
TYPICAL REGULAR ASPHALT PAVING
N.T.S.

SCALE	NTS
DATE	AUGUST 2016
DESIGNER	RC
DRAWN	CLP
CHECKED	RC

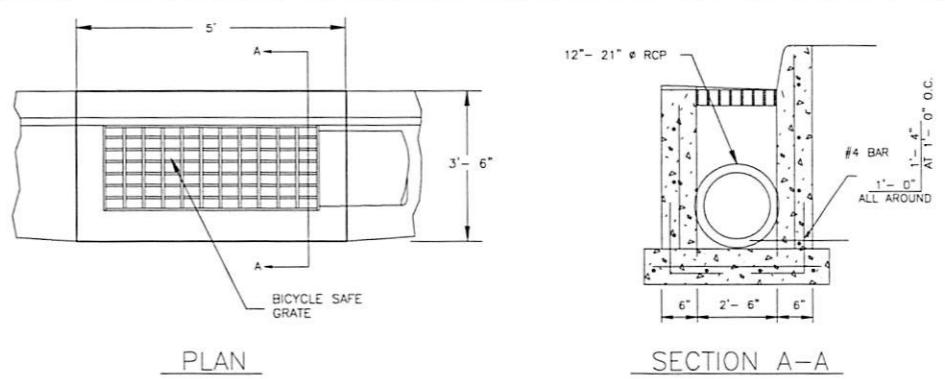


DETAILS - 1
THE RIDGE - PHASE 3
LEWIS HOMES
EDEN, WEBER COUNTY, UTAH

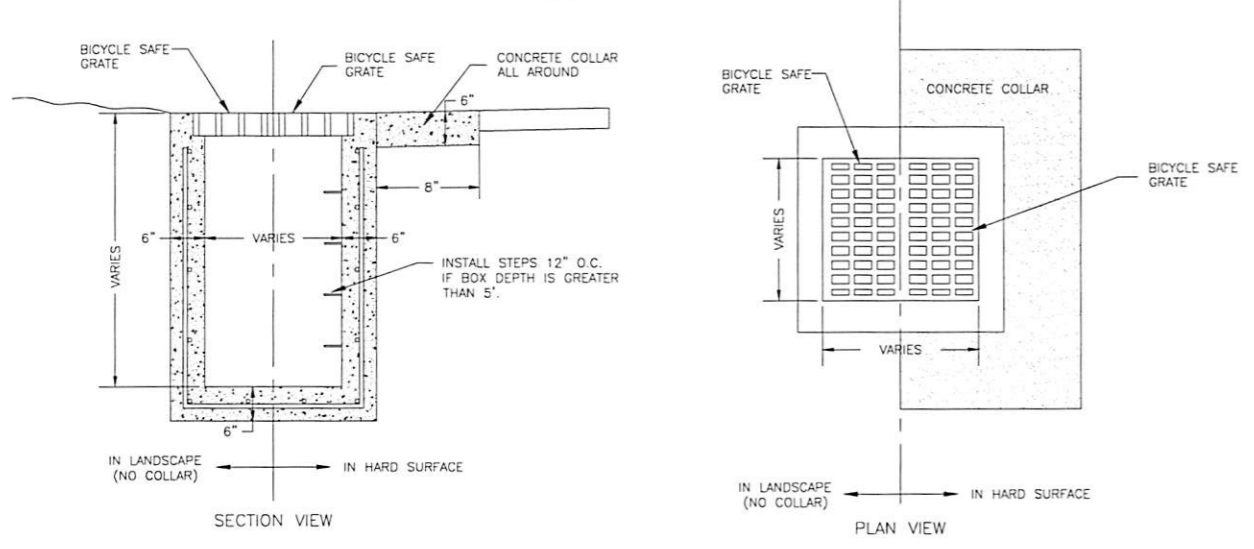
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MUNICIPAL - LAND SURVEYING
5150 SOUTH 3750 EAST, OGDEN, UT
OFFICE: 801.472.0202 FAX: 801.472.0056



MANHOLE
N.T.S.

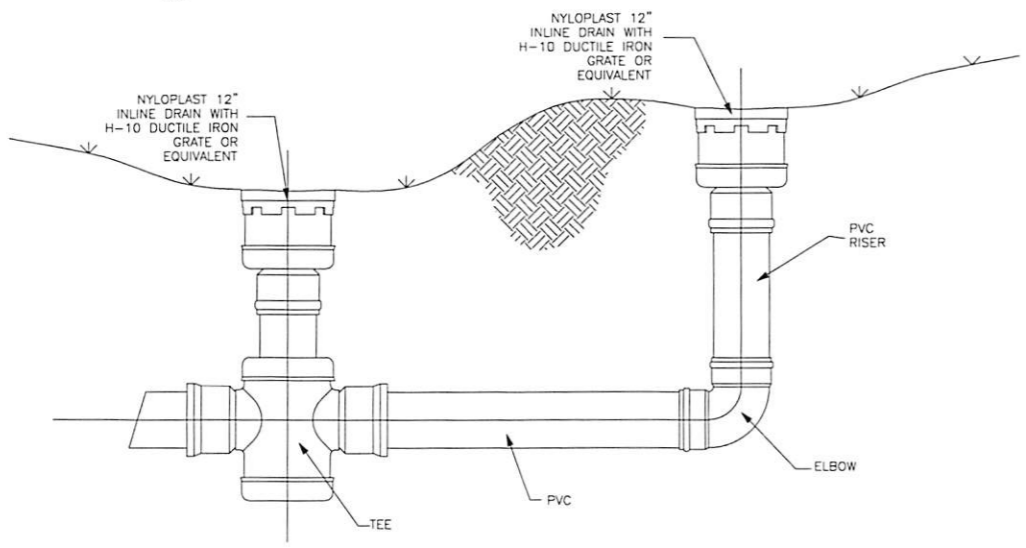


TYPICAL 2'-6" X 4' CATCH BASIN
N.T.S.



TYPICAL STORM DRAIN BOX
N.T.S.

TYPICAL STORM DRAIN BOX
N.T.S.



1' INLET - INLINE DRAIN BOX
N.T.S.

SCALE	N.T.S.
DATE	AUGUST 2006
DESIGN	RC
DRAWN	CAP
CHECKED	RC

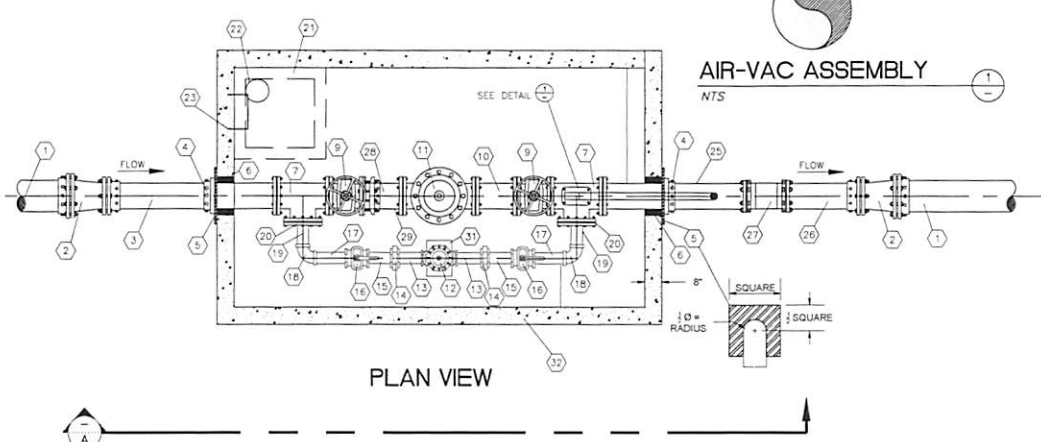
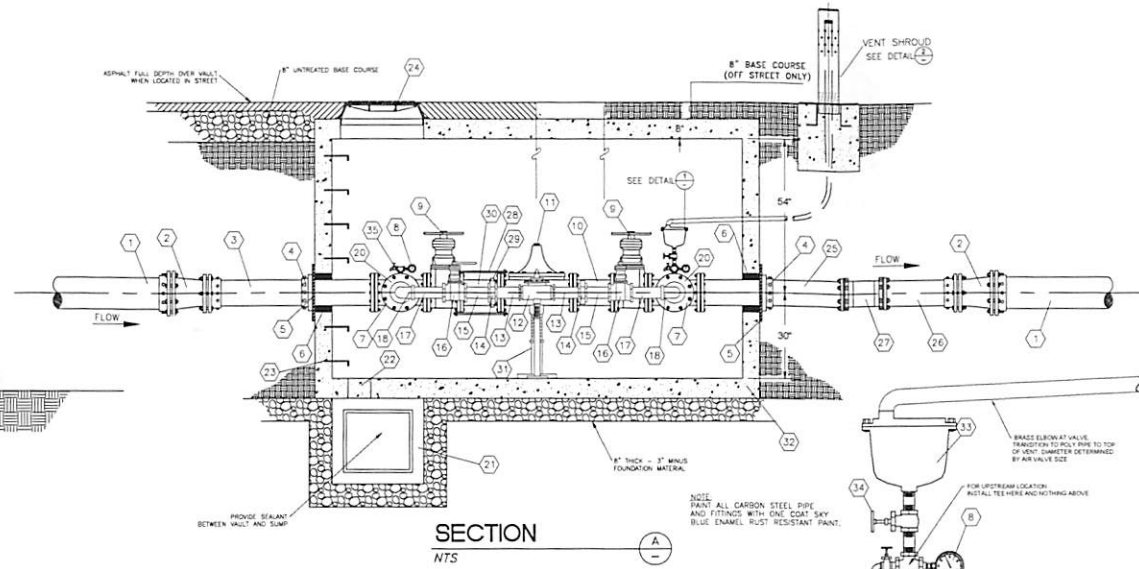
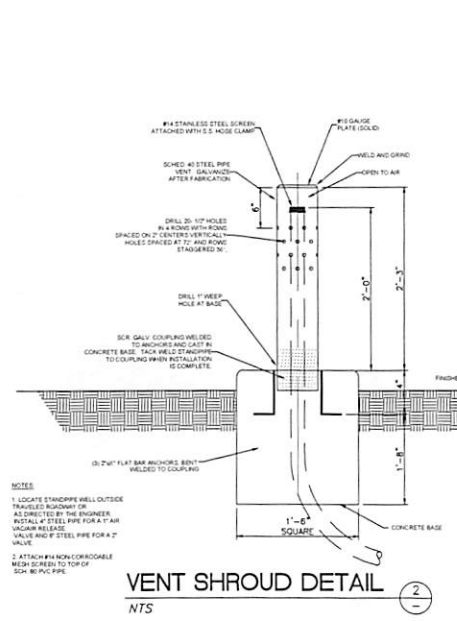


DETAILS - 2
THE RIDGE - PHASE 3
LEWIS HOMES
EDEN, WEBER COUNTY, UTAH

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BILL OF MATERIALS						
NO.	QTY	DESCRIPTION	4\"/>			
1	2	DIP OR PVC W/PIPE	4\"/>			
2	2	REDUCE W/ W/PIPE	4\"/>			
3	1	DIP SPOOL 3'-0\"/>				
4	2	FIELD FLANGE FOR DIP	4\"/>			
5	2	1/2\"/>				
6	2	PRE-CORED HOLES	4\"/>			
7	2	TEE FLANGES	4\"/>			
8	2	1/4\"/>				
9	2	RESILIENT SEAT GATE VALVE 2\"/>				
10	1	DA 3\"/>				
11	1	PRESSURE REDUCING VALVE FLANGIC	4\"/>			
12	1	PRESSURE REDUCING VALVE THROTH	2\"/>			
13	2	DA 3\"/>				
14	2	DA 3\"/>				
15	2	DA 3\"/>				
16	2	DA 3\"/>				
17	2	DA 3\"/>				
18	2	8\"/>				
19	2	DA 3\"/>				
20	2	BLIND FLANGE W/ THREAD TAP	4\"/>			
21	1	3\"/>				
22	1	8\"/>				
23	8	ELFB				
24	1	4\"/>				
25	1	DA 3\"/>				
26	1	DA 3\"/>				
27	1	DIP SPOOL W/PIPE	4\"/>			
28	1	DA 3\"/>				
29	1	RESTRAINED FLANGED COUPLING ADAPTER	4\"/>			
30	2	PIPE STAND				
31	1	6\"/>				
32	1	COMBINATION AIR RELEASE VALVE W/ AIR VENT	1\"/>			
33	1	1\"/>				
34	1	1\"/>				
35	1	1\"/>				

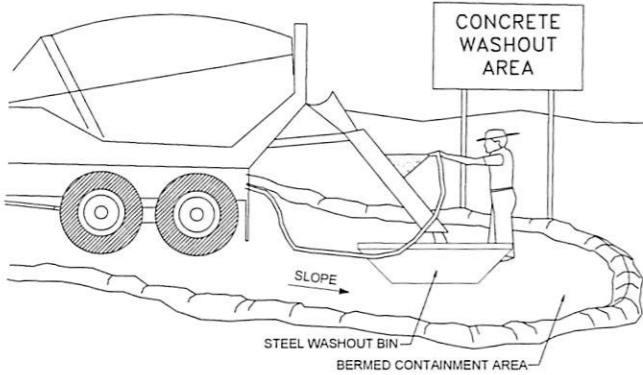
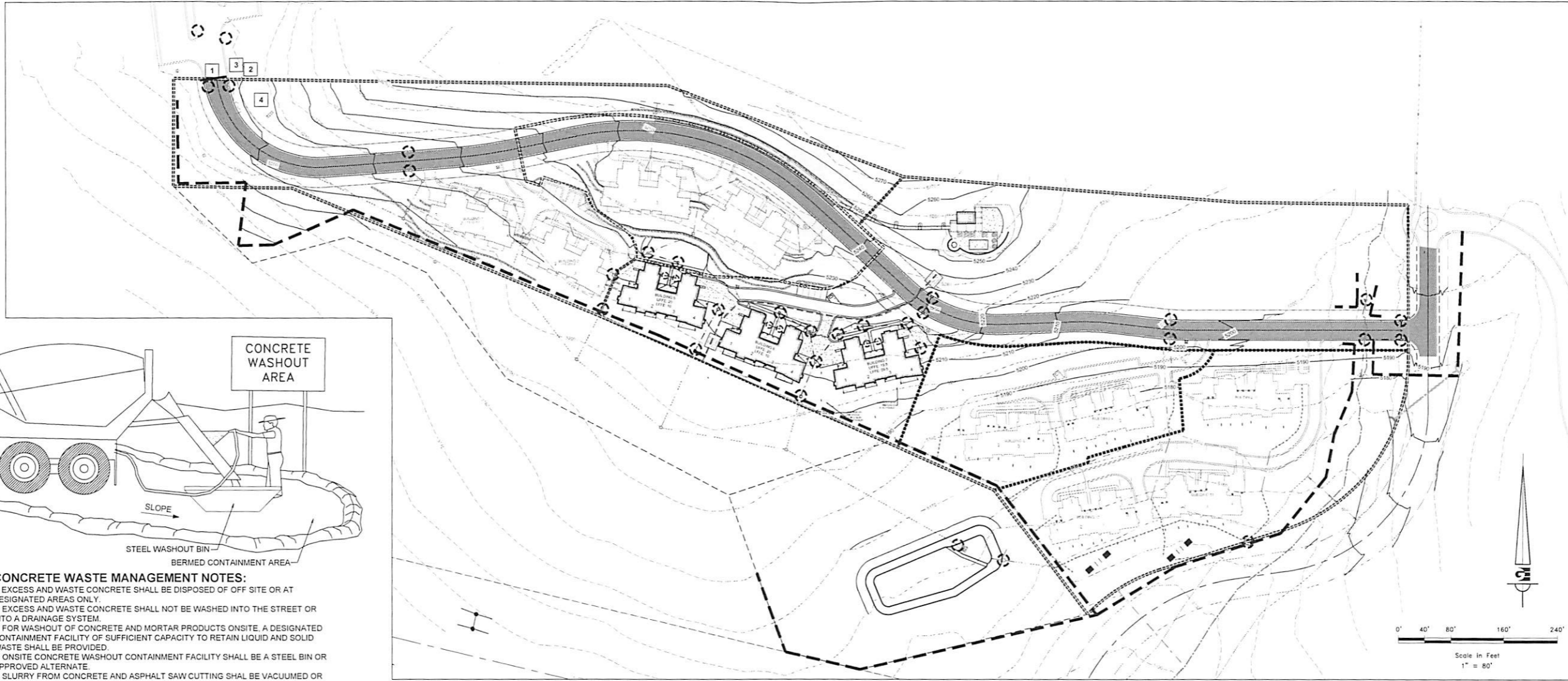
PRV DETAIL
NTS

SCALE	NTS
DATE	AUGUST 2006
DESIGN	RC
DRAWN	CJP
CHECKED	RC

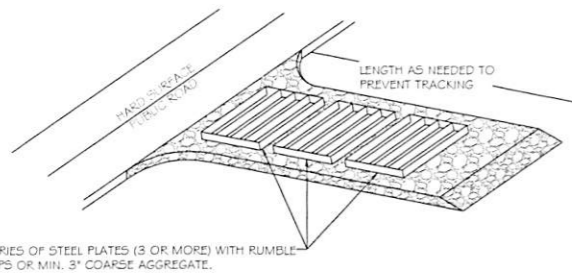


DETAILS - 3
THE RIDGE - PHASE 3
LEWIS HOMES
EDEN, WEBER COUNTY, UTAH

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5150 SOUTH 375 EAST OGDEN, UT
OFFICE: 801-476-0202 FAX: 801-476-0066



- CONCRETE WASTE MANAGEMENT NOTES:**
1. EXCESS AND WASTE CONCRETE SHALL BE DISPOSED OF OFF SITE OR AT DESIGNATED AREAS ONLY.
 2. EXCESS AND WASTE CONCRETE SHALL NOT BE WASHED INTO THE STREET OR INTO A DRAINAGE SYSTEM.
 3. FOR WASHOUT OF CONCRETE AND MORTAR PRODUCTS ONSITE, A DESIGNATED CONTAINMENT FACILITY OF SUFFICIENT CAPACITY TO RETAIN LIQUID AND SOLID WASTE SHALL BE PROVIDED.
 4. ONSITE CONCRETE WASHOUT CONTAINMENT FACILITY SHALL BE A STEEL BIN OR APPROVED ALTERNATE.
 5. SLURRY FROM CONCRETE AND ASPHALT SAW CUTTING SHALL BE VACUUMED OR CONTAINED, DRIED, PICKED UP AND DISPOSED OF PROPERLY.

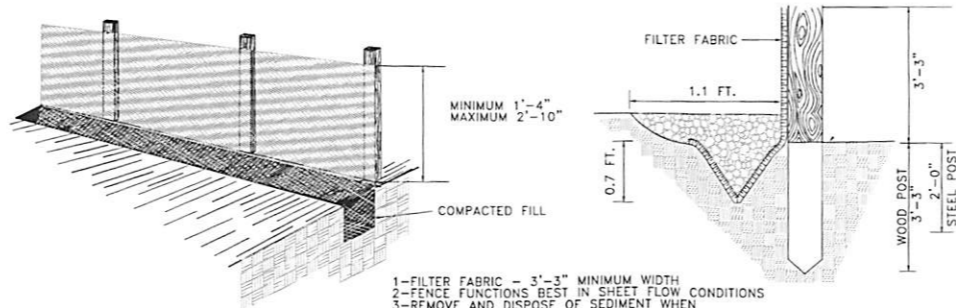


ENTRANCE STABILIZATION NOTES:

1. SEDIMENTS AND OTHER MATERIALS SHALL NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS SHALL BE STABILIZED SO AS TO PREVENT SEDIMENTS FROM BEING DEPOSITED INTO THE STORM DRAIN SYSTEMS. DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS INTO THE STORM DRAIN SYSTEM.
2. STABILIZED CONSTRUCTION ENTRANCE SHALL BE:
 - a. LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY AND SIDEWALK OR PARKING AREA.
 - b. A SERIES OF STEEL PLATES WITH "RUMBLE STRIPS" AND/OR MIN. 3" COARSE AGGREGATE WITH LENGTH, WIDTH AND THICKNESS AS NEEDED TO ADEQUATELY PREVENT ANY TRACKING ONTO PAVED SURFACES.
3. ADDING A WASH RACK WITH A SEDIMENT TRAP LARGE ENOUGH TO COLLECT ALL WASH WATER CAN GREATLY IMPROVE EFFICIENCY.
4. ALL VEHICLES ACCESSING THE CONSTRUCTION SITE SHALL UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE SITES.

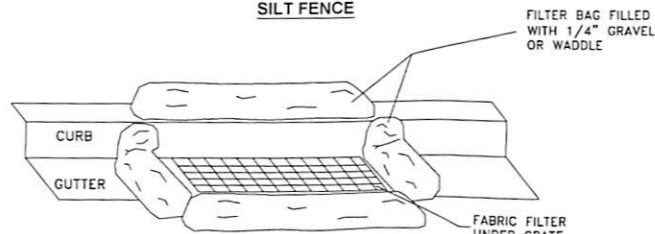
STREET MAINTENANCE NOTES:

1. REMOVE ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS IMMEDIATELY.
2. SWEEP PAVED AREAS THAT RECEIVE CONSTRUCTION TRAFFIC WHENEVER SEDIMENT BECOMES VISIBLE.
3. PAVEMENT WASHING WITH WATER IS PROHIBITED IF IT RESULTS IN A DISCHARGE TO THE STORM DRAIN SYSTEM.



- 1-FILTER FABRIC - 3'-3" MINIMUM WIDTH
- 2-FENCE FUNCTIONS BEST IN SHEET FLOW CONDITIONS
- 3-REMOVE AND DISPOSE OF SEDIMENT WHEN ACCUMULATION REACH 50% FABRIC HEIGHT
- 4-BACKFILL MIN 0.7 FT. THICK LAYER OF FREE DRAINING GRANULAR BACKFILL MATERIAL.

SILT FENCE



INLET PROTECTION

LEGEND

- INLET PROTECTION (GRAVEL FILLED WATTLES AND FABRIC UNDER GRATE)
- SILT FENCE - INSTALL SILT FENCE AS NEEDED TO CONTROL SEDIMENT
- FIBER ROLL / GRAVEL FILLED WATTLES (INSTALLED IN DRAINAGE SWALE)

SWPPP KEY NOTES

- 1 STABILIZED CONSTRUCTION ENTRANCE
- 2 WASH-OUT AREA
- 3 POSTED SWPPP LOCATION
- 4 STAGING AREA / CONSTRUCTION SUPPORT

SWPPP NOTES

1. CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FROM THE COUNTY AND THE STATE AS REQUIRED.
2. ALL REQUIREMENTS OF THE GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES SHALL BE MET.
3. ALL BMP'S SHALL BE IN PLACE PRIOR TO BEGINNING OF CONSTRUCTION OR ACTIVITIES THAT MAY REQUIRE BMP'S
4. AN UPDATED COPY OF THE SWPPP SHALL BE MAINTAINED AT THE SITE.
5. SILT FENCE, INLET PROTECTION, AND STREET CLEANING SHALL BE COMPLETED AS NEEDED TO PREVENT EROSION AND SEDIMENT FROM ENTERING DRAINAGES.

REVISIONS	DATE	DESCRIPTION

SCALE: 1" = 80'
 DATE: AUGUST 2016
 DESIGN: RC
 DRAWN: DTB
 CHECKED: RC
 DWG: 141211321 DESIGN PROJ. DWG SITE - THE RIDGE, LEWIS HOMES, INC.



STORM WATER POLLUTION PREVENTION PLAN
THE RIDGE - PHASE 3
LEWIS HOMES
EDEN, WEBER COUNTY, UTAH

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 OFFICE: 801.476.0202 FAX: 801.476.0066

P:\2016 - Lewis Homes\1513 - The Ridge - Foundation\Phase 3\SWPPP\15132016-12-14\15132016-12-14 SWPPP.dwg, 11/17/2016, 12:14 PM, 15132016-12-14.dwg, 15132016-12-14.dwg