

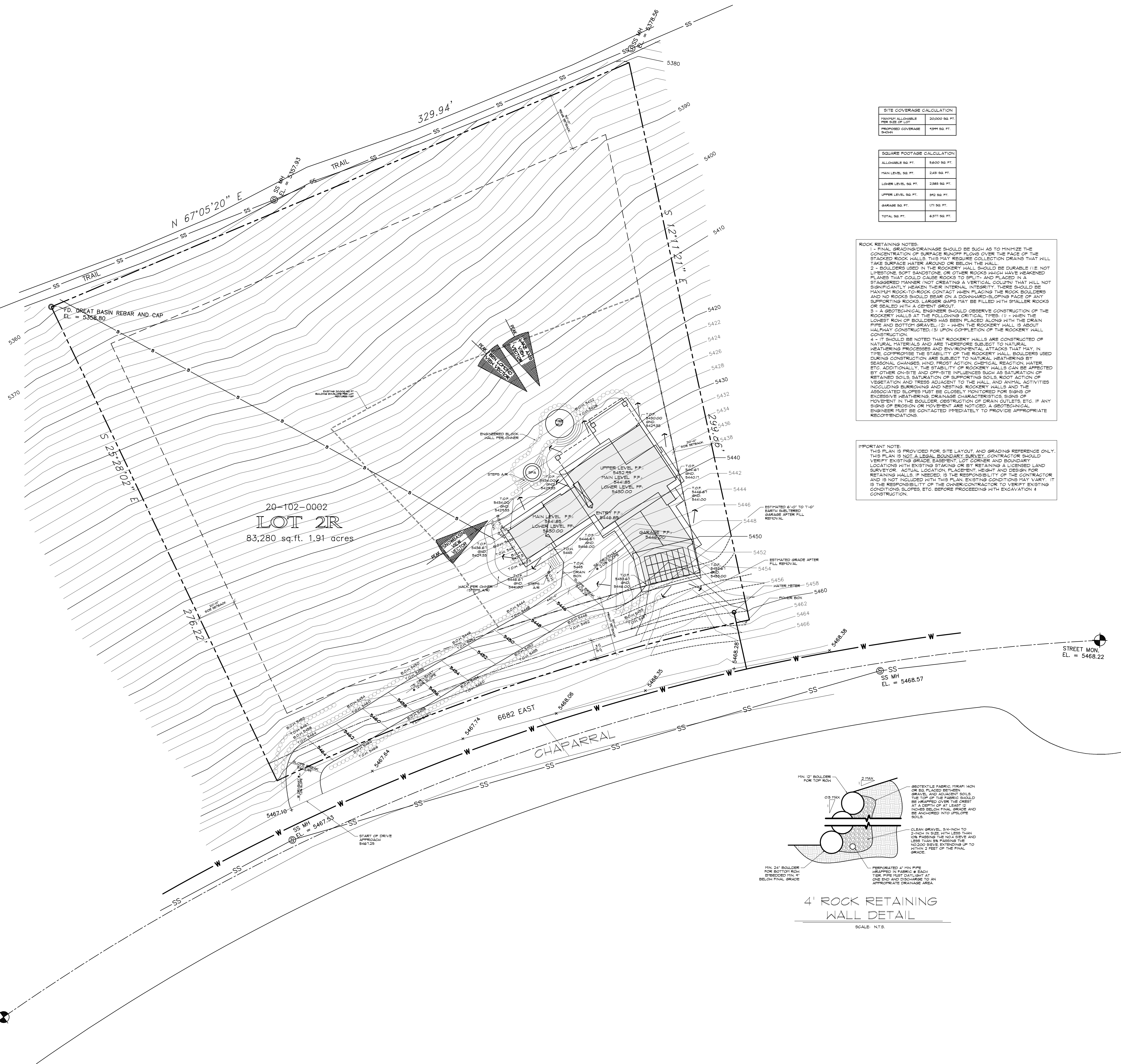
PROJECT ADDRESS
 6682 EAST CHAPARRAL
 LOT #2R
 LEGENDS AT HAWKINS CREEK
 HUNTSVILLE CITY, WEBER COUNTY, UTAH
 Area = 83,280 Sq. Ft. = 1.91 ACRES

- PLEASE NOTE:**
1. SITE PLAN IS SHOWN FOR INFORMATION ONLY. OWNER/CONTRACTOR SHALL HAVE RESPONSIBILITY TO DETERMINE GRADES AND FINAL PLACEMENT AND ELEVATIONS OF FOOTINGS/FOUNDATIONS AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL STATE, NATIONAL, AND LOCAL BUILDING CODES & ORDINANCES.
 2. THIS SITE PLAN IS A REPRESENTATION OF CONCRETE FOUNDATIONAL BUILDING FOOTPRINT ONLY. ALL SETBACK INFORMATION SHOWN IS TO CONCRETE FOUNDATION WALLS ONLY. SITE PLAN DOES NOT INDICATE THE LOCATION OF ROOF OVERHANGS OR CANTILEVERS (WALL, PROPLITS OR FLOOR OVERHANGS) OR OTHER ARCHITECTURAL ELEMENTS THAT MAY PENETRATE THE PROPERTY SETBACKS OR EASEMENTS. THE PLAN COUNTY, CITY OR OTHER JURISDICTION REVIEWER, CONTRACTOR AND OWNER SHALL REVIEW ALL PLAN SUBMITTAL DRAWINGS (FLOOR PLANS, ELEVATIONS, DETAILS, ETC.) IN CONJUNCTION WITH THE SITE PLAN TO IDENTIFY ANY PROPOSED WALL, CANTILEVERS OR OTHER FEATURES THAT MAY ENCRoACH INTO SETBACKS AND SHALL REPORT ANY CONCERNS TO THE DESIGNER PRIOR TO EXCAVATION AND/OR CONSTRUCTION.
 3. ALL STORM WATER AND DIRT WILL BE KEPT ON SITE DURING CONSTRUCTION UNTIL FINAL LANDSCAPING IS DONE.
 4. THE GRADE AWAY FROM FOUNDATION WALLS SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET (5%), DIRECT DRAINAGE WATER TO THE STREET OR TO AN APPROVED DRAINAGE COURSE, BUT NOT ONTO NEIGHBORING PROPERTIES.
 5. STREET, CURB AND GUTTER WILL BE INSPECTED AND CLEANED OF ALL MUD AND DIRT AT THE END OF EVERY DAY.
 6. STRAW BATTLES (OR EQUIVALENT) TO BE PLACED AND MAINTAINED AROUND ANY STORM DRAIN INLET ADJACENT TO OR IMMEDIATELY DOWNSTREAM FROM SITE DURING CONSTRUCTION.
 7. BERMS OR SHALES MAY BE REQUIRED ALONG PROPERTY LINES TO PREVENT STORM WATER FLOW ONTO ADJACENT LOTS. FINAL GRADING SHALL BLEND WITH ADJACENT LOTS.
 8. ALL REAR DRAINAGE TO BE RETAINED ON THE PROPERTY.
 9. FIXTURES THAT HAVE FLOOD LEVEL RIMS LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE COVER OF THE PUBLIC SEWER SERVING SUCH FIXTURES SHALL BE PROTECTED FROM BACK FLOW OF SEWAGE BY INSTALLING AN APPROVED BACKWATER VALVE. FIXTURES HAVING FLOOD LEVEL RIMS ABOVE THE ELEVATION OF THE NEXT UPSTREAM MANHOLE SHALL NOT DISCHARGE THROUGH THE BACKWATER VALVE. BACKWATER VALVES SHALL BE PROVIDED WITH ACCESS.
 10. LONG-TERM DRAINAGE CONTROL BY STANDARD RESIDENTIAL LANDSCAPING, INCLUDING GRASS, TREES AND BUSHES AND AN AUTOMATIC SPRINKLER SYSTEM.

LINETYPE LEGEND

| | |
|-----|----------------------|
| --- | PROPERTY LINE |
| --- | SETBACK LINE |
| --- | EASEMENT LINE |
| --- | HOME FOOTPRINT |
| --- | PROPOSED CONT. |
| --- | 10' CONT. LINE |
| --- | 2' CONT. LINE |
| --- | DIRECTIONAL DRAINAGE |

- LEGEND:**
- △ FOUND OR SET SURVEY CONTROL MONUMENT (AS INDICATED)
 - FOUND "MOUNTAIN ENGINEERING" REBAR AND CAP (OR AS INDICATED)
 - SET 5/8" REBAR W/CAP OR AS INDICATED
 - ⊙ SET NAIL AND WASHER



SITE COVERAGE CALCULATION

| | |
|-----------------------------------|---------------|
| HARVEST ALLOWABLE PER SIZE OF LOT | 20000 SQ. FT. |
| PROPOSED COVERAGE | 4394 SQ. FT. |

SQUARE FOOTAGE CALCULATION

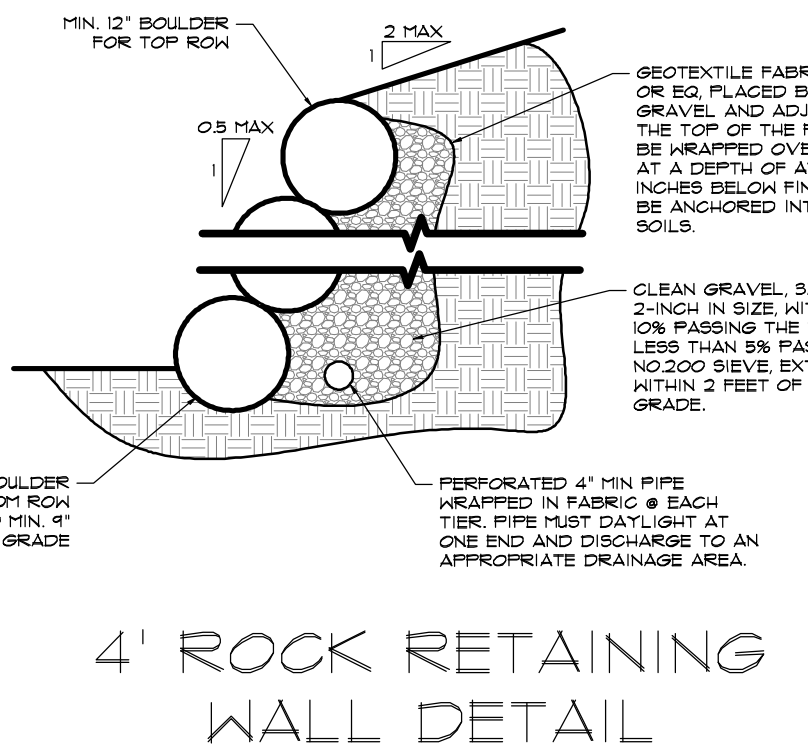
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|---------------------|--------------|
| ALLOWABLE SQ. FT. | 8800 SQ. FT. |
| MAIN LEVEL SQ. FT. | 240 SQ. FT. |
| LOWER LEVEL SQ. FT. | 2383 SQ. FT. |
| UPPER LEVEL SQ. FT. | 392 SQ. FT. |
| GARAGE SQ. FT. | 171 SQ. FT. |
| TOTAL SQ. FT. | 6311 SQ. FT. |

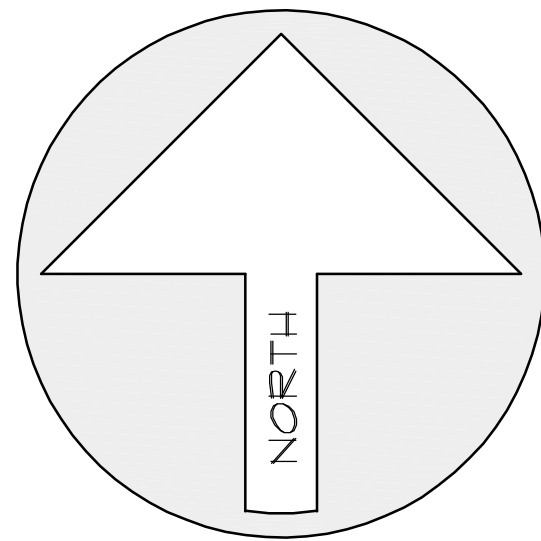
ROCK RETAINING NOTES:

- 1 - FINAL GRADING/DRAINAGE SHOULD BE SUCH AS TO MINIMIZE THE CONCENTRATION OF SURFACE RUNOFF FLOWS OVER THE FACE OF THE STACKED ROCK WALLS. THIS MAY REQUIRE COLLECTION DRAINS THAT WILL TAKE SURFACE WATER AROUND OR BELOW THE WALL.
- 2 - BOULDERS USED IN THE ROCKERY WALL SHOULD BE DURABLE (I.E. NOT LIMESTONE, SOFT SANDSTONE, OR OTHER ROCKS WHICH HAVE WEAKENED PLANES THAT COULD CAUSE ROCKS TO SPLIT), AND PLACED IN A STAGGERED MANNER NOT CREATING A VERTICAL COLUMN THAT WILL NOT SIGNIFICANTLY WEAKEN THEIR INTERNAL INTEGRITY. THERE SHOULD BE MAXIMUM ROCK-TO-ROCK CONTACT WHEN PLACING THE ROCK BOULDERS AND NO ROCKS SHOULD BEAR ON A DOWNWARD-SLOPING FACE OF ANY SUPPORTING ROCKS. LARGER GAPS MAY BE FILLED WITH SMALLER ROCKS OR SEALED WITH A CEMENT GROUT.
- 3 - A GEOTECHNICAL ENGINEER SHOULD OBSERVE CONSTRUCTION OF THE ROCKERY WALLS AT THE FOLLOWING CRITICAL TIMES: (1) - WHEN THE FIRST ROW OF BOULDERS HAS BEEN PLACED ALONG WITH THE DRAIN PIPE AND BOTTOM GRAVEL; (2) - WHEN THE ROCKERY WALL IS ABOUT HALFWAY CONSTRUCTED; (3) UPON COMPLETION OF THE ROCKERY WALL CONSTRUCTION.
- 4 - IT SHOULD BE NOTED THAT ROCKERY WALLS ARE CONSTRUCTED OF NATURAL MATERIALS AND ARE THEREFORE SUBJECT TO NATURAL WEATHERING PROCESSES AND ENVIRONMENTAL ATTACKS THAT MAY, IN TIME, COMPROMISE THE STABILITY OF THE ROCKERY WALL. BOULDERS USED DURING CONSTRUCTION ARE SUBJECT TO NATURAL WEATHERING BY SEASONAL CHANGES, WIND, FROST ACTION, CHEMICAL REACTION, WATER, ETC. ADDITIONALLY, THE STABILITY OF ROCKERY WALLS CAN BE AFFECTED BY OTHER ON-SITE AND OFF-SITE INFLUENCES SUCH AS SATURATION OF RETAINED SOILS, SATURATION OF SUPPORTING SOILS, ROOT ACTION OF VEGETATION AND TREES ADJACENT TO THE WALL, AND ANIMAL ACTIVITIES INCLUDING BURROWING AND NESTING. ROCKERY WALLS AND THE ASSOCIATED SLOPES MUST BE CLOSELY MONITORED FOR SIGNS OF EXCESSIVE WEATHERING, DRAINAGE CHARACTERISTICS, SIGNS OF MOVEMENT IN THE BOULDER, OBSTRUCTION OF DRAIN OUTLETS, ETC. IF ANY SIGNS OF EROSION OR MOVEMENT ARE NOTICED, A GEOTECHNICAL ENGINEER MUST BE CONTACTED IMMEDIATELY TO PROVIDE APPROPRIATE RECOMMENDATIONS.

IMPORTANT NOTE:

THIS PLAN IS PROVIDED FOR SITE LAYOUT AND GRADING REFERENCE ONLY. THIS PLAN IS NOT A LEGAL BOUNDARY SURVEY. CONTRACTOR SHOULD VERIFY EXISTING GRADE, EXISTENT LOT CORNER AND BOUNDARY LOCATIONS WITH EXISTING STAKING OR BY RETAINING A LICENSED LAND SURVEYOR'S ACTUAL LOCATION, PLACEMENT, HEIGHT AND DESIGN FOR RETAINING WALLS. IF NEEDED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR, AND IS NOT INCLUDED WITH THIS PLAN. EXISTING CONDITIONS MAY VARY. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO VERIFY EXISTING CONDITIONS, SLOPES, ETC. BEFORE PROCEEDING WITH EXCAVATION & CONSTRUCTION.





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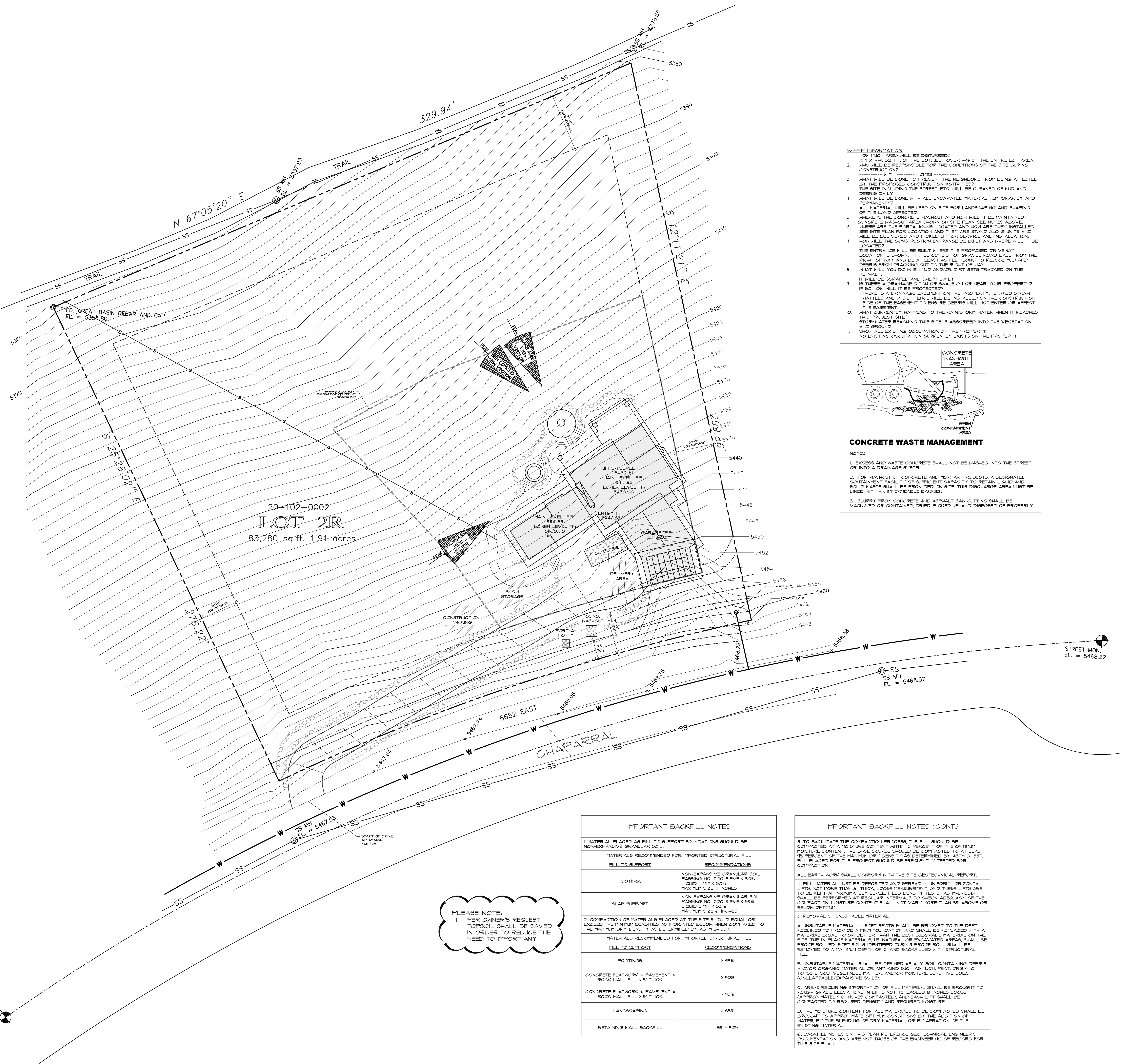
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20-102-0002
LOT 2R
 83,280 sq.ft. 1.91 acres

PLEASE NOTE:
 1. PER OWNER'S REQUEST, TOPSOIL SHALL BE SAVED IN ORDER TO REDUCE THE NEED TO IMPORT ANY.

IMPORTANT BACKFILL NOTES

1. MATERIAL PLACED AS FILL TO SUPPORT FOUNDATIONS SHOULD BE NON-EXPANSIVE GRANULAR SOIL.

| MATERIALS RECOMMENDED FOR IMPORTED STRUCTURAL FILL | RECOMMENDATIONS |
|--|---|
| FOOTINGS | NON-EXPANSIVE GRANULAR SOIL PASSING NO. 200 SIEVE < 30% LIQUID LIMIT < 30% PLASTICITY INDEX |
| SLAB SUPPORT | NON-EXPANSIVE GRANULAR SOIL PASSING NO. 200 SIEVE < 35% LIQUID LIMIT < 30% PLASTICITY INDEX |

2. COMPACTION OF MATERIALS PLACED AT THE SITE SHOULD EQUAL OR EXCEED THE MINIMUM DENSITIES AS INDICATED BELOW WHEN COMPARED TO THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557.

| MATERIALS RECOMMENDED FOR IMPORTED STRUCTURAL FILL | RECOMMENDATIONS |
|--|-----------------|
| FOOTINGS | > 95% |
| CONCRETE PAVEMENT & PAVEMENT # | > 90% |
| CONCRETE PAVEMENT & PAVEMENT # | > 95% |
| LANDSCAPING | > 85% |
| RETAINING WALL BACKFILL | 85 - 90% |

IMPORTANT BACKFILL NOTES (CONT.)

3. TO FACILITATE THE COMPACTION PROCESS, THE FILL SHOULD BE COMPACTED AT A MOISTURE CONTENT WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT. THE BASE COURSE SHOULD BE COMPACTED TO AT LEAST 98 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557. FILL PLACED FOR THE PROJECT SHOULD BE FREQUENTLY TESTED FOR COMPACTION.

4. FILL MATERIAL MUST BE DEPOSITED AND SPREAD IN UNIFORM HORIZONTAL LIFTS NOT MORE THAN 8" THICK. LOOSE REARBERMENT, AND THESE LIFTS ARE TO BE KEPT APPROXIMATELY LEVEL. FIELD DENSITY TESTS (ASTM D-1556) SHALL BE PERFORMED AT REGULAR INTERVALS TO CHECK ADEQUACY OF THE COMPACTION. MOISTURE CONTENT SHALL NOT VARY MORE THAN 3% ABOVE OR BELOW OPTIMUM.

5. REMOVAL OF UNSUITABLE MATERIAL

A. UNSUITABLE MATERIAL IN SOFT SPOTS SHALL BE REMOVED TO THE DEPTH REQUIRED TO PROVIDE A FIRM FOUNDATION AND SHALL BE REPLACED WITH A MATERIAL EQUAL TO OR BETTER THAN THE BEST SUBGRADE MATERIAL ON THE SITE. THE IN-PLACE MATERIALS (IE NATURAL OR EXCAVATED AREAS) SHALL BE PROOF ROLLED. SOFT SOILS IDENTIFIED DURING PROOF ROLL SHALL BE REMOVED TO A MAXIMUM DEPTH OF 2' AND BACKFILLED WITH STRUCTURAL FILL.

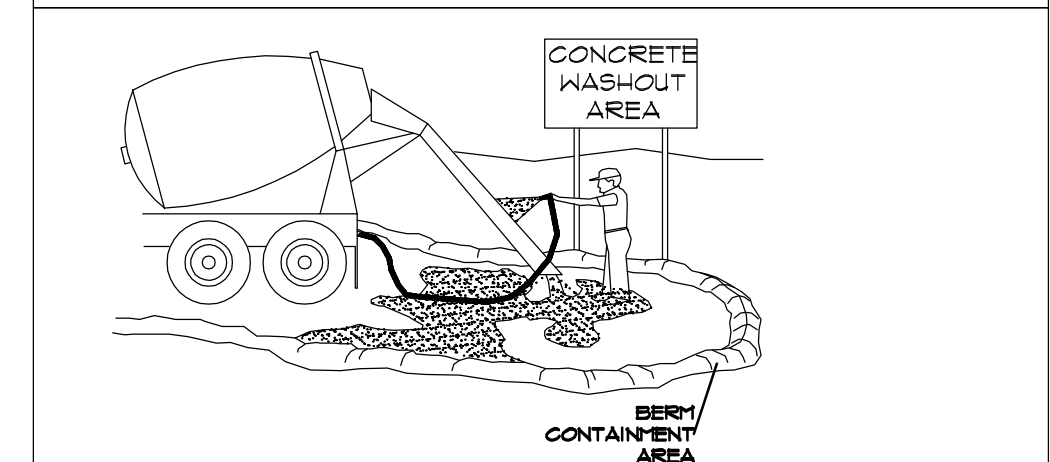
B. UNSUITABLE MATERIAL SHALL BE DEFINED AS ANY SOIL CONTAINING DEBRIS AND/OR ORGANIC MATERIAL OR ANY KIND SUCH AS MUD, PEAT, ORGANIC TOPSOIL, SOFT, VEGETABLE MATTER, AND/OR MOISTURE SENSITIVE SOILS (COLLAPSIBLE/EXPANSIVE SOILS).

C. AREAS REQUIRING IMPORTATION OF FILL MATERIAL SHALL BE BROUGHT TO REQUIRED GRADE ELEVATIONS AND LIFTS NOT TO EXCEED 8 INCHES LOOSE (APPROXIMATELY 6 INCHES COMPACTED), AND EACH LIFT SHALL BE COMPACTED TO REQUIRED DENSITY AND REQUIRED MOISTURE.

D. THE MOISTURE CONTENT FOR ALL MATERIALS TO BE COMPACTED SHALL BE BROUGHT TO APPROPRIATE OPTIMUM CONDITIONS BY THE ADDITION OF WATER, BY THE BLENDING OF DRY MATERIAL, OR BY AERATION OF THE EXISTING MATERIAL.

6. BACKFILL NOTES ON THIS PLAN REFERENCE GEOTECHNICAL ENGINEER'S DOCUMENTATION AND ARE NOT THOSE OF THE ENGINEERING OF RECORD FOR THIS SITE PLAN.

- SHEEP INFORMATION**
1. HOW MUCH AREA WILL BE DISTURBED?
 2. APPROX. SQ. FT. OF THE LOT JUST OVER 1/2% OF THE ENTIRE LOT AREA WHO WILL BE RESPONSIBLE FOR THE CONDITIONS OF THE SITE DURING CONSTRUCTION?
 3. WHAT WILL BE DONE TO PREVENT THE NEIGHBORS FROM BEING AFFECTED BY THE PROPOSED CONSTRUCTION ACTIVITIES?
 4. WHAT WILL BE DONE WITH ALL EXCAVATED MATERIAL TEMPORARILY AND PERMANENTLY?
 5. WHERE IS THE CONCRETE WASHOUT AND HOW WILL IT BE MAINTAINED?
 6. WHERE ARE THE PORT-A-JOINS LOCATED AND HOW ARE THEY INSTALLED?
 7. HOW WILL THE CONSTRUCTION ENTRANCE BE BUILT AND WHERE WILL IT BE LOCATED?
 8. WHERE ARE THE PORT-A-JOINS LOCATED AND HOW ARE THEY INSTALLED?
 9. IS THERE A DRAINAGE DITCH OR SWALE ON OR NEAR YOUR PROPERTY?
 10. WHAT CURRENTLY HAPPENS TO THE RAIN/STORM WATER WHEN IT REACHES THIS PROJECT SITE?



- CONCRETE WASTE MANAGEMENT**
- NOTES:
1. EXCESS AND WASTE CONCRETE SHALL NOT BE WASHED INTO THE STREET OR INTO A DRAINAGE SYSTEM.
 2. FOR WASHOUT OF CONCRETE AND PORTLAND PRODUCTS, A DESIGNATED CONTAINMENT FACILITY OF SUFFICIENT CAPACITY TO RETAIN LIQUID AND SOLID WASTE SHALL BE PROVIDED ON SITE. THIS DISCHARGE AREA MUST BE LINED WITH AN IMPERMEABLE BARRIER.
 3. SLURRY FROM CONCRETE AND ASPHALT SAW CUTTING SHALL BE VACUUMED OR CONTAINED, DRIED, PICKED UP, AND DISPOSED OF PROPERLY.