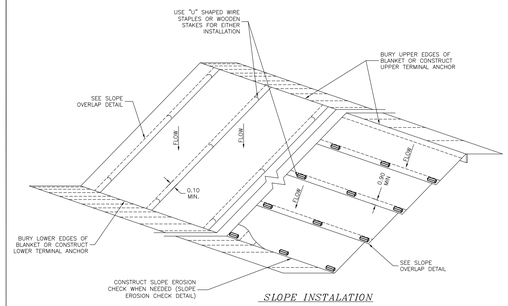
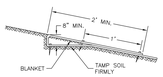
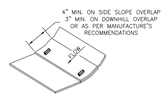
GEOTEXTILES– TYPICAL DESIGN / LAYOUT



SLOPE INSTALATION



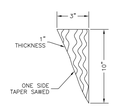
UPPER TERMINAL ANCHOR



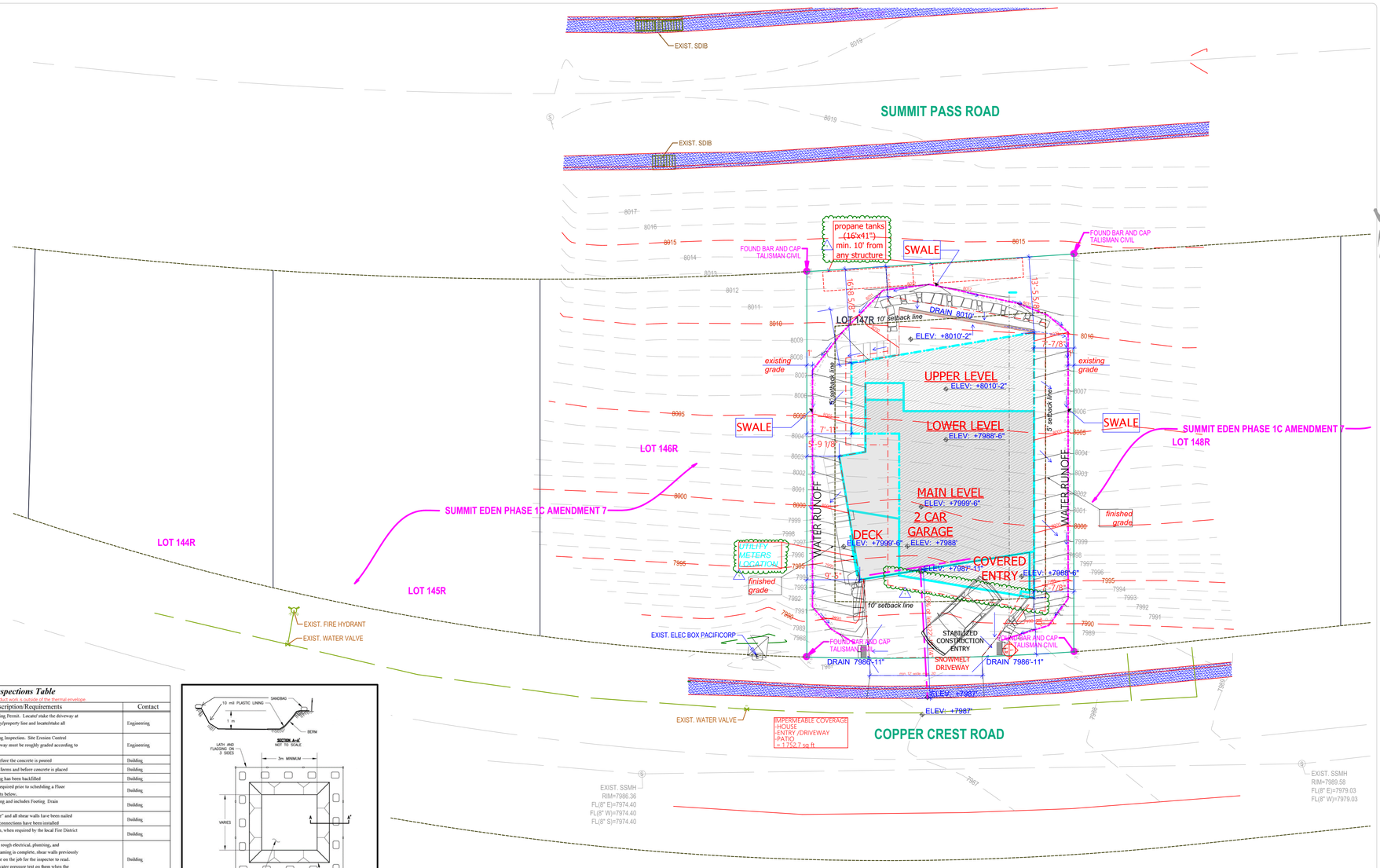
SLOPE OVERLAP

LOWER TERMINAL ANCHOR

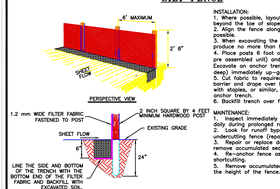
WIRE STAPLE DETAIL



WOODEN STAKE DETAIL



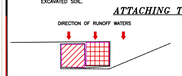
SILT FENCE



INSTALLATION:
1. Where possible, layout the silt fence 5 to 10 feet beyond the toe of slope.
2. Align the fence along the contour as close as possible.
3. When excavating the trench, use machinery that will produce no more than the desired dimension.
4. Place posts 6 foot on center along contour (or use pre assembled unit) and drive 2 feet (min.) into ground. Excavate an anchor trench (8 inches wide and 8 inches deep) immediately up–gradient of posts.
5. Fasten the filter fabric to the upper-most-lying length of barrier and drape over barrier. Secure fabric to stakes with staples, or similar, with trailing edge extending into anchor trench.
6. Backfill trench over filter fabric to anchor.

MAINTENANCE:
1. Inspect immediately after any rainfall and at least daily during prolonged rainfall.
2. Look for runoff bypassing ends of barriers or undercutting fence (repair immediately).
3. Repair or replace damaged areas of the fence and remove accumulated sediment.
4. Re–anchor fence as necessary to prevent shortcutting.
5. Remove accumulated sediment when it reaches ½ the height of the fence.

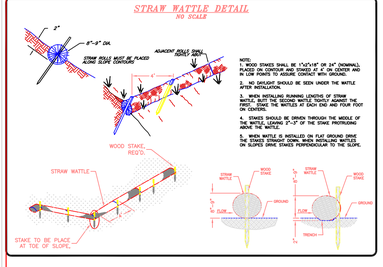
ATTACHING TWO SILT FENCES



1. PLACE THE END POST OF THE SECOND FENCE 3" MIN. ON TOP OF THE FIRST FENCE POST.
2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL BETWEEN THE FENCES.
3. DRIVE BOTH POSTS ABOUT 24 INCHES INTO THE GROUND AND BURY FLAP.

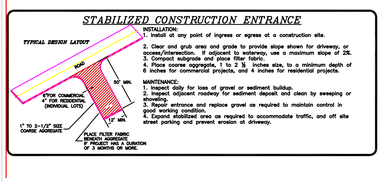
STRAW WATTLE DETAIL

NO SCALE



NOTE:
1. WOOD STAKES SHALL BE 1"x2"x18" OR 24" (NOMINAL) PLACED ON CONTOUR AND TOWARD AT 4' ON CENTER AND IN LOW POINTS TO ASSURE CONTACT WITH GROUND.
2. NO SPACEMENT SHOULD BE SEEN UNDER THE WATTLE AFTER INSTALLATION.
3. WATTLE SHALL FOLLOW RUNNING LENGTHS OF STRAW BALES. BUTTING THE SECOND WATTLE TIGHTLY AGAINST THE FIRST. STAKE THE WATTLES AT EACH END AND FOUR FOOT ON CENTER.
4. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING 2"–3" OF THE STAKE PROTRUDING ABOVE THE WATTLE.
5. WHEN WATTLE IS INSTALLED ON FLAT GROUND DRIVE THE STAKES STRAIGHT DOWN. WHEN INSTALLING WATTLES ON SLOPES DRIVE STAKES PERPENDICULAR TO THE SLOPE.

STABILIZED CONSTRUCTION ENTRANCE



INSTALLATION:
1. Install at any point of ingress or egress at a construction site.
2. Clear and grub area and grade to provide slope shown for driveway, or access/intersection. If adjacent to waterway, use a maximum slope of 2%.
3. Compact subgrade and place filter fabric.
4. Place coarse aggregate, 1 to 2 ½ inches size, to a minimum depth of 6 inches for commercial projects, and 4 inches for residential projects.

MAINTENANCE:
1. Inspect daily for loss of gravel or sediment buildup.
2. Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling.
3. Repair entrance and replace gravel as required to maintain control in good working condition.
4. Expand stabilized area as required to accommodate traffic, and off site street parking and prevent erosion at driveway.

Required Inspections Table

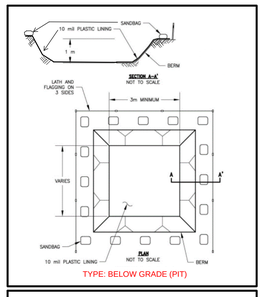
NOTE: Duct testing will be required where air handlers or more than 25% of the duct work is outside of the thermal envelope.

Inspection	Description/Requirements	Contact
Driveway/ Site Staking	Required prior to issuance of a Building Permit. Locatof stake the driveway at the street and at the road right of way/property line and locatelntake all property corners.	Engineering.
Rough Grading	Required prior to scheduling a Footing Inspection. Site Erosion Control measures must be installed and driveway must be roughly graded according to plan	Engineering.
Footing	Schedule after steel is in place and before the concrete is poured	Building.
Foundation	Schedule after steel is in place in the forms and before concrete is placed	Building.
Under Slab Plumbing & Heating	Before concrete is poured or plumbing has been backfilled	Building.
Certificate of Elevation and/or Survey	Performed by a licensed surveyor. Required prior to scheduling a Floor Framing Inspection. See requirements below...	Building.
Floor Framing Inspection	Required prior to placing floor sheeting, and includes Footing. Drain inspection	Building.
Shear Wall	After the building is up to "the square" and all shear walls have been nailed and all the tie downs and shear wall connections have been installed	Building.
Fire Sprinklers	Required prior to fouse-way inspection, when required by the local Fire District	Building.
Four-Way	This inspection is performed after all rough electrical, pluming, and mechanical has been installed. All framing is complete, shear walls previously inspected, and truss specifications are on the job for the inspector to read. Plumbing shall have either an air or water pressure test on them when the inspector arrives	Building.
Weather Barrier/Stucco Lath	Weather barrier shall be inspected prior to applying veneer. Approved stucco LCC. research reports on site	Building.
Can Meter Set	Required before gas meter clearance is given to Questar	Building.
Masonry wall/bond beam	Steel in masonry and before concrete/grout is poured	Building.
Insulation	Pre Sheetrock insulation certificate required	Building.
Drywall Nailing	This is done before drywall is taped	Building.
Power to Panel	Building must be up with permanent roof installed	Building.
Driveway pre-surfacing	Site Erosion Control measures must be installed and driveway graded to it's final configuration	Engineering.
Final Driveway and Site Inspection	Required prior to Certificate of Occupancy and/or Bond Release. Driveway must be surfaced and site must be reorgetated (inspections may be schedule separately). If the site is not revegetated, the erosion control measures must be in place and installed correctly.	Engineering.
Flood Plain Elevation Certificate	FEMA Elevation Certificate (if applicable) required prior to Certificate of Occupancy. Form must be filed with FEMA and a copy provided to the Engineering Department	Engineering.
Final	All work is DONE and building complete. Final clearances from the waste water district fat sewer, County Health Department for septic, and fire district for sprinkler systems must be on the project for this inspection. Required for Certificate of Occupancy	Building.
Certificate of Occupancy	Required prior to anyone occupying the structure. A Certificate of Occupancy will be issued once the final clearances have been obtained by the builder and brought to the Building Department's office in Coalville 1) Snyderville Basin Residential: Final from Building Department, Final from Engineering Department, Final letter from Snyderville Basin Water Reclamation District, Final water concurrency letter from appropriate water company, Final from Park City Fire District (in required subdivisions). 2) Eastern Summit County: Final from Building Department, Final from Engineering Department, Final from Fire District and Final from Health Department	Building.
ECP Bond Release Inspection	Required to verify that the site has been fully stabilized (re-vegetated). Inspection is required prior to applicant receiving a release of their Erosion Control Bond. Applicant must provide a written request for the release of the bond.	Engineering.

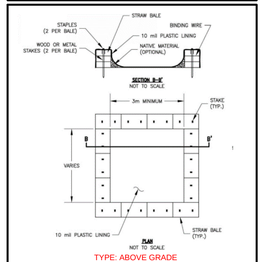
Construction Mitigation Plan Notes

- Show location for dumpster, portable toilets, materials storage, parking
- Construction parking/traffic may not block the street without a permit (available from the Engineering Division)
- Mud tracked out onto the street must be cleaned prior to the end of the work day
- The construction site must be maintained in a neat manner. Trash and other debris may not accumulate outside the dumpster.
- Roadside parking is not allowed from November 15 to April 15

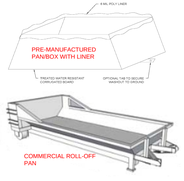
Construction parking cannot be located within the R-O-W.
No street side parking is allowed during the winter season, Nov. 15 thru April 15.



TYPE: BELOW GRADE (PIT)



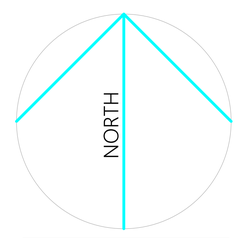
TYPE: ABOVE GRADE (With Straw Bales)



- Perform washout of concrete trucks offsite or in designated concrete washout areas only.
- Do not wash out concrete trucks onto the ground, or into storm drains, open ditches, streets, or streams.
- Do not allow excess concrete to be dumped onsite, except in designated concrete washout areas.

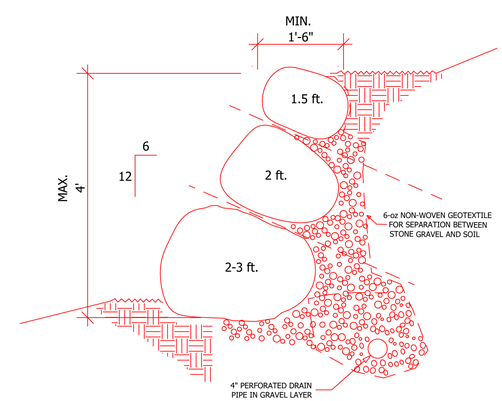
Concrete washout areas may be prefabricated concrete washout containers, or self-installed structures (above-grade or below-grade).

- Prefabricated containers are most resistant to damage and protect against spills and leaks. Companies may offer delivery service and provide regular maintenance and disposal of solid and liquid waste.
- If self-installed concrete washout areas are used, below-grade structures are preferred over above-grade structures because they are less prone to spills and leaks.
- Self-installed above-grade structures should only be used if excavation is not practical.



LEGEND

- FOUND REBAR W/ CAP (AS DESCRIBED)
- SANITARY SEWER MANHOLE
- WATER METER
- UTILITY POLE
- COMMUNICATION BOX
- ELECTRIC BOX
- OVERHEAD ELECTRICAL POWER LINE
- STACKED ROCK RETAINING/LANDSCAPING WALL



NOTE !

BOULDERS ARE TO BE SELECTED & STACKED TO PROVIDE MAX. CONTACT. BOULDER WALLS ARE DESIGNED TO BE LESS THAN 4 FEET IN HEIGHT. IF THEY EXCEED 4 FEET, THEY WILL BE ENGINEERED. 12" - 18" MIN. ROUND BOULDER SIZE.

2 / 1.1 BOULDER WALL DETAIL

R105.3
RETAINING WALLS
(>4' OR SUPPORTING A SURCHARGE)
REQUIRE SEPARATE PERMITS.

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SCANDINAVIAN LLC

ARCHITECTURAL OFFICE
Company Name: Scandinavian LLC
Address: 6410 N. Business Park Loop Rd. Unit E
Phone: 435-513-0355
Fax
Project No.
Cad File
Drawn
Checked

A New Residence:
PENNY AND JIM LACY
Summit Powder Mountain, Lot # 147
- Copper Crest, Utah

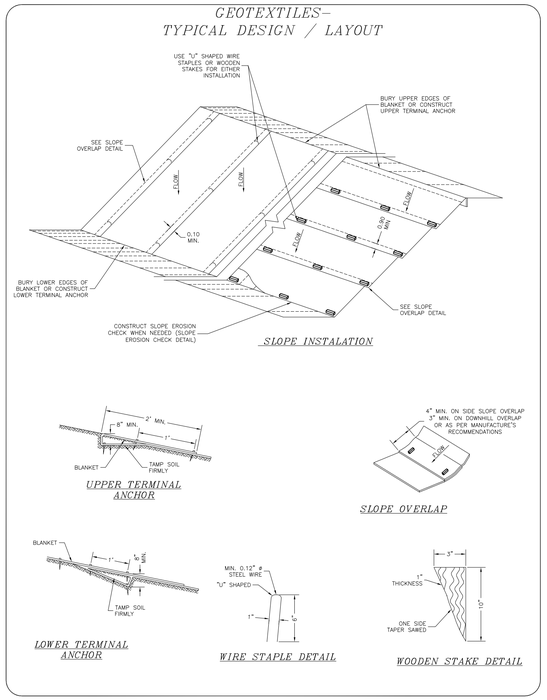
BUILDER
Company Name
Address
Park City, Utah 84098
Phone
Fax

Drawing Date: 5-3-2021
Scale: 1" = 10' -0"
Title/No.: SITE PLAN

BUILDER/ DEALER'S APPROVAL :

Signature and Date

1.1



CONSTRUCTION MITIGATION PLAN

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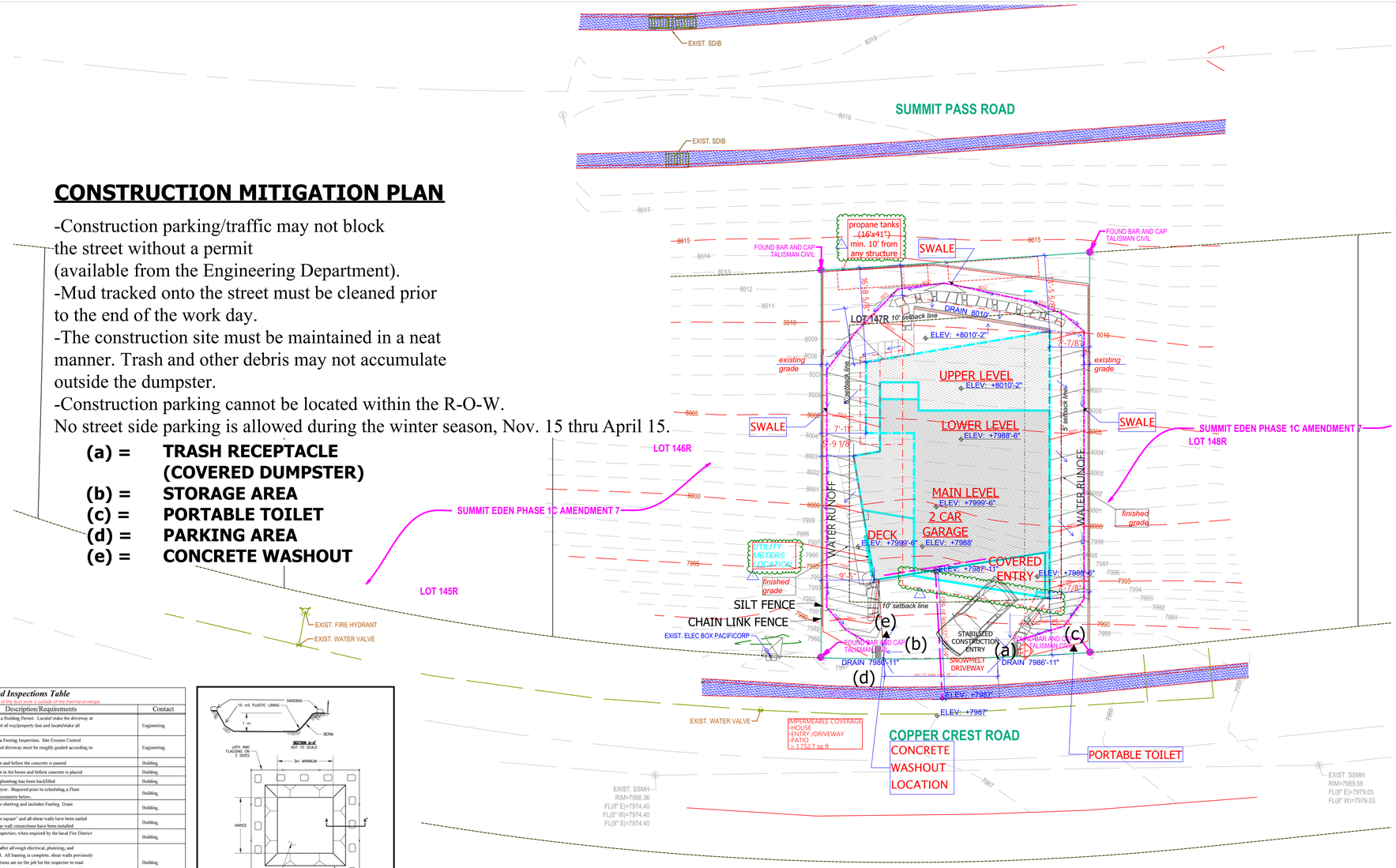
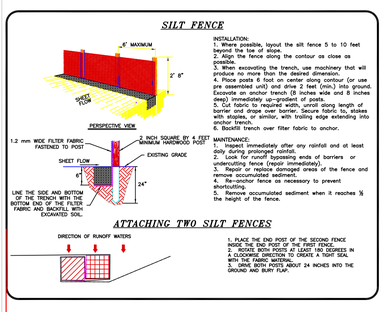
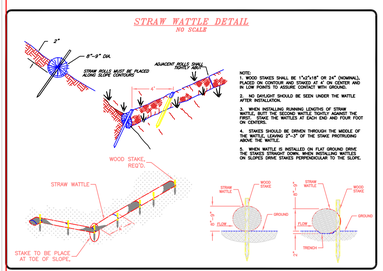
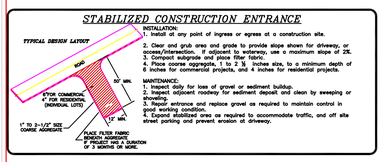
(a) = TRASH RECEPTACLE (COVERED DUMPSTER)
(b) = STORAGE AREA
(c) = PORTABLE TOILET
(d) = PARKING AREA
(e) = CONCRETE WASHOUT









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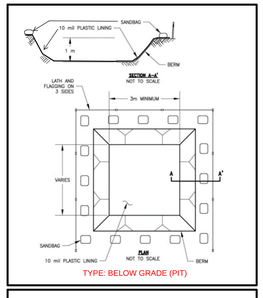

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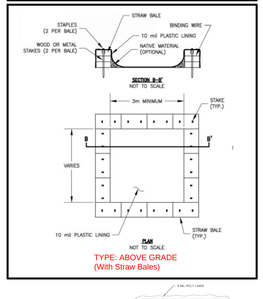

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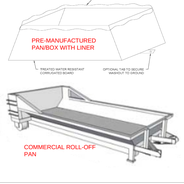

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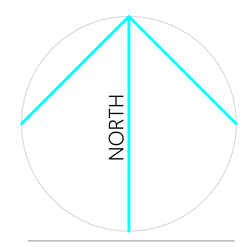
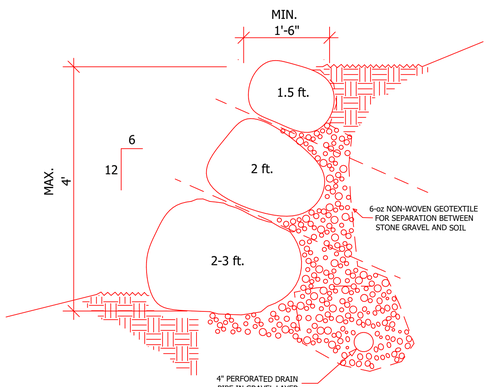


LEGEND

- FOUND REBAR W/ CAP (AS DESCRIBED)
- SANITARY SEWER MANHOLE
- WATER METER
- UTILITY POLE
- COMMUNICATION BOX (COM)
- ELECTRIC BOX (E)
- OVERHEAD ELECTRICAL POWER LINE
- STACKED ROCK RETAINING/LANDSCAPING WALL



2 / 1.1 BOULDER WALL DETAIL

R105.3 RETAINING WALLS (>4' OR SUPPORTING A SURCHARGE) REQUIRE SEPARATE PERMITS.

NOTE !

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SCANDINAVIAN LLC

ARCHITECTURAL OFFICE
Company Name: Scandinavian LLC
Address: 6410 N. Business Park Loop Rd. Unit E
Phone: 435-513-0355
Fax
Project No.
Cad File
Drawn
Checked

A New Residence:
PENNY AND JIM LACY
Summit Powder Mountain, Lot # 147
- Copper Crest, Utah

BUILDER
Company Name
Address
Park City, Utah 84098
Phone
Fax

Drawing Date: 5-3-2021
Scale: 1" = 10' -0"
Title/No.: Construction Mitigation SITE PLAN
BUILDER/ DEALER'S APPROVAL :
Signature and Date

1.1