

ALTERNATE GRADING PLAN

GENERAL NOTES: SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

SEE LANDSCAPE PLANS FOR IRRIGATION, PLANTING AND ADDITIONAL INFORMATION.

REFER TO LATEST GEOTECHNICAL REPORT FOR EXISTING SOIL CONDITIONS AND PROPOSED

ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS. SEE GRADING PLANS FOR ADDITIONAL DESIGN INFORMATION.

## SIGNAGE AND STRIPNG GENERAL NOTES: ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.

SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).

ALL SIGNS ARE TO BE POST MOUNTED UNLESS OTHERWISE NOTED. SEE APWA SPECIFICATION 32 01 05 FOR POST INSTALLATION.

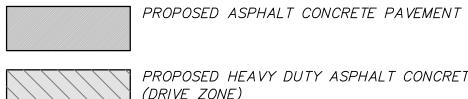
## KEYED CONSTRUCTION NOTES:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- (1) CONTRACTOR TO PROTECT & PRESERVE EXISTING IMPROVEMENTS (TYPICAL UNLESS OTHERWISE NOTED).
- 2) BUILDING FOOTPRINT.
- HEAVY ASPHALT PAVEMENT: 3.5" THICK ASPHALT WITH 10" AGGREGATE PER DETAIL (SEE DETAIL 1 ON SHEET CE-602)
- ASPHALT PAVEMENT : 3" THICK ASPHALT WITH 9" AGGREGATE BASE PER DETAIL (SEE DETAIL 2 ON SHEET CE-602)
- 5 TYPE E CONCRETE CURB AND GUTTER PER APWA STD. DETAIL 205 AND CE-601 (SEE GRADING PLAN FOR CATCH OR SPILL TYPE CURB)
- 6) SIDEWALK PER APWA STD. DETAIL 231. SEE DETAIL 6 ON SHEET CE-601
- 8 TYPE P CONCRETE CURB WALL PER APWA SID. DETAIL 209 AND DETAIL 5 ON SHEET CE-601
- 10) TIPE I SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE PER APWA STD. PLAN NO. 235 AND 238. SEE DET. 5 ON SHEET CE-602
- 11) DETECTABLE WARNING SURFACE PER AFWA STD. PLAN NO 238.
- (12) OPEN DRIVE APPROACH PER APWA STD. DETAIL 225. SEE DET. 9 ON SHEET CE-602
- (13) TREE GRATE (SEE DET. C3 ON SHEET AS5.02)
- (5) CONCRETE PAVEMENT : 6.5" THICK CONCRETE WITH 6" GRANULAR BASE PER DETAIL (SEE
- (16) PLAYGROUND (SEE DET. D3 ON SHEET AS5.01)
- (17) TRANSFORMER (SEE ELECTRICAL PLAN E1.11)
- (2z) FLAG PULE (SEE DET. AZ CN SHEET AS5.01)
- (23) LIGHT POLE (SEE ELECTRICAL PLAN)
- (24) PLAYGROUND RAMP (SEE DET D2 ON SHEET AS5.01)
- (25) DUMPSTER ENCLOSURE (SEE DET. C3, B4, OR E4 ON SHEET AS5.01)
- (26) SAW CUT AND PROVIDE A SMOOTH CLEAN EDGE
- (27) 4" WIDE SOLID WHITE PAVEMENT MARKING.
- (28) 12" WIDE SOLID WHITE STOP BAR MARKING.
- (29) 12" WIDE SOLID WHITE CROSSWALK MARKINGS (8' LENGTH).
- $(\mathfrak{F})$  "STOP" SIGN PER 2009 M.U.T.C.D. STANDARD PLAN R1-1 (SEE DET. 11 ON SHEET CE-601).
- (31) SIDEWALK ENTRANCE (SEE DETAIL 10 ON SHEET CF 501) 7) "HANDICAP PARKING" SIGN NO. R7-8 WITH "VAN ACCESSIBLE" SIGN R7-8P BELOW, PER 2009
- M.U.T.C.D. SECTION 2B.46. (SEE DET. 11 ON SHEET CE-601).
- $(\overline{33})$  ADA STALL PAINT MARKING. 4" WHITE STRIPE, 45°, 24" O.C. (34) "NO PARKING — FIRE LANE" SIGN (SEE DET. 11 ON SHEET CE-601).
- 35) "DO NOT ENTER" SIGN PER 2009 M.U.T.C.D. STD. PLAN R5-1 (SEE DET. 11 ON SHEET CE-601).
- (36) "ONE WAY" SIGN PER 2009 M.U.T.C.D. STD. PLAN R6-2 (SEE DET. 11 ON SHEET CE-601).
- (37) PAINT CURB FACE RED, FIRE LANE NO PARKING
- 38) WHITE DIRECTION ARROW PER 2009 M.U.T.C.D. 39 GATE (SEE DET E1 ON SHEET AS5.01)
- (40) CONCRETE MOW STRIP (SEE DETAIL A5 ON SHEET AS5.01)
- (4) KICKBALL STRIPING (SEE DET. B5 ON SHEET AS5.02)
- (42) SEAT WALL (SEE DETAIL A3 ON SHEET AS5.02) (43) BASKETBALL COURT STRIPING (SEE DET. B3&C4 ON SHEET AS 5.02)
- (FI) PLAYSPOUND STRIPING (SEE DET. 64 ON SHEET ASS.02)
- (45) HOPSCOTCH STRIPING (SEE DET. A4 ON SHEET AS5.02)
- (46) FOUR SQUARE STRIPING (SEE DET. A5 ON SHEET AS5.02)
- (47) BASKETBALL STANDARD (SEE DET. A3 ON SHEET AS5.02)
- (48) CHAIN LINK FENCE AND MOW STRIP (SEE DET. B2, AND B3 SHEET AS5.01)
- (49) FIRE HYDRANT LOCATION (50) OPNAMENTAL FENCE (SEE DET. D1 ASS 01)
- (51) EXISTING ASPHALT PATH SAWCUT OUTSIDE, EDGE TO BE A CLEAN STRAIGHT LINE. CONCRETE APRON TO BE POURED BETWEEN PATH AND FENCE CONCRETE CURBING. (52) LIGHT POLE AND GUY WIRES TO REMAIN. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- (53) JOINT PATTERN TYPICAL. (SEE DET. 8 ON SHEET CE-601)
- 54) VINYL DOUBLE MAN GATE PER SPECIFICATIONS (55) PROPOSED GRAVEL UTILITY YARD DETAIL AS5.02
- LANDSCAFE, SEE LANDSCAFE FLAN (57) CHAINLINK FENCE SEE DETAIL B1 ON SHEET AS5.01

## SITE DATA:

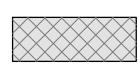
- SITE AREA: 350,958 SQ. FT (8.0 ACRES) PARKING PROVIDED: 159 STALLS
- ADA PARKING REQUIRED: 6 TOTAL (1 VAN, 5 STANDARD) ADA PARKING PROVIDED: 6 TOTAL ( 1 VAN, 5 STANDARD)



PROPOSED HEAVY DUTY ASPHALT CONCRETE PAVEMENT



PROPOSED PEDESTRIAN CONCRETE PAVEMENT.



PROPOSED GRAVEL UTILITY YARD



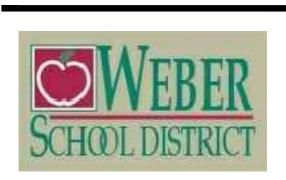
EXISTING ASPHALT



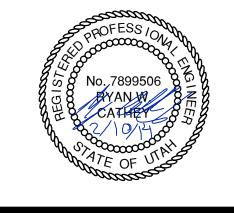
MHTN Architects, Inc. 420 East South Temple Salt Lake City, Utah 84111 Telephone (801) 595-6700 Telefax (801) 595-6717 www.mhtn.com **BEYOND ENGINEERING** 5217 So. State Street Suite 200 Murray, Utah 84107 801-743-1300

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A ALTERNATE SITE PLAN

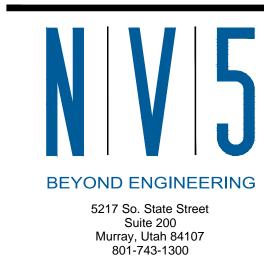
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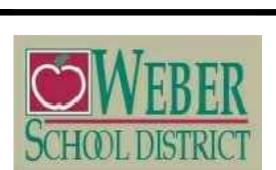
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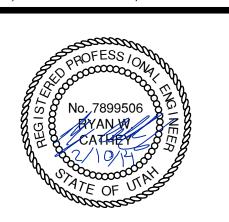


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A EROSION CONTROL PLAN

CONSTRUCTION DOCUMENTS

CE-700

2. PRODUCT (Not used)

3 EXECUTION

A. Clear and grub area and grade to provide maximum slope of 1 percent away from

B. Application. At any site where vehicles and equipment enter the public right of way.

B. Compact subgrade.

C. Place filter fabric under stone if desired (recommended for entrance area that

remains more than 3 months).

D. Maintenance.

Prevent tracking or flow of mud into the public right-of-way.
 Periodic top dressing with 2-inch stone may be required, as conditions demand,

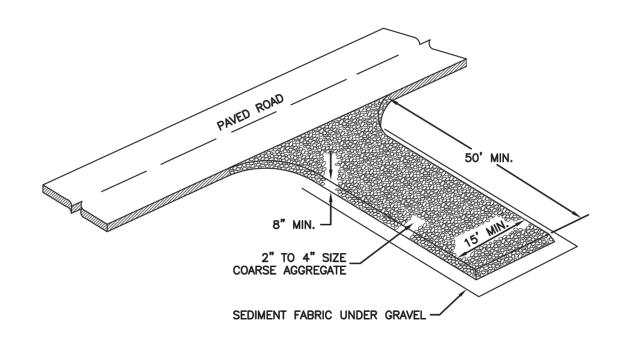
and repair any structures used to trap sediments.3) Inspect daily for loss of gravel or sediment buildup.

 Inspect adjacent area for sediment deposit and install additional controls as necessary.

5) Expand stabilized area as required to accommodate activities.

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN

HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



STABILIZED

CONSTRUCTION ENTRANCE

### Inlet protection – gravel sock

1. GENERAL

A. Description. Placement of gravel sock on grade.

Upstream of, or in front of storm drain inlets to filter or pond water runoff.
 At inlets in paved or unpaved areas where up gradient area is to be disturbed by construction activities.

2. PRODUCTS (Not used)

3. EXECUTION

A. On-grade inlet protection:
 1) Provide on-grade inlet protection when completely blocking a storm drain inlet box would result in forcing water further downstream would cause flooding or

other undesirable results.2) Prepare filter media (gravel sock, straw waddle, or other approved media) in accordance with manufacturer's recommendations.

3) Install filter media just upstream of the inlet box.

4) Filter media shall butt tightly against the face of the curb and angle at approximately a 45-degree angle away from the curb to trap runoff between the media and the curb.

5) Excessive flows will flow either over or around the filter media and into the inlet box.

6) Expect ponding behind the filter media.B. Drop inlet protection:

 Use drop inlet protection at low points in the curb and when diverting flows further downstream will not cause undesirable results.

 Prepare filter media (gravel sock, straw waddle, or other approved media) in accordance with manufacturer's recommendations.

3) Install filter media around the entire perimeter of the inlet grate.

Filter media shall butt tightly against the face of the curb on both sides of the inlet grate.

5) Excessive flows will either flow around the media or over the top and into the inlet box.

6) Expect ponding around the inlet box.C. Maintenance

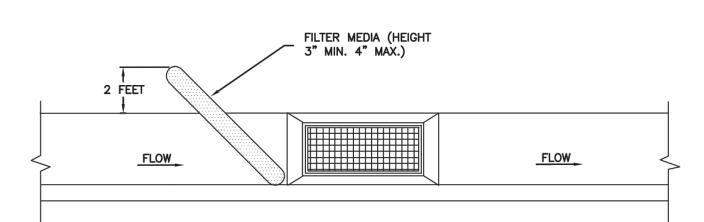
Inspect inlet protection after every large storm event and at a minimum of once

monthly.

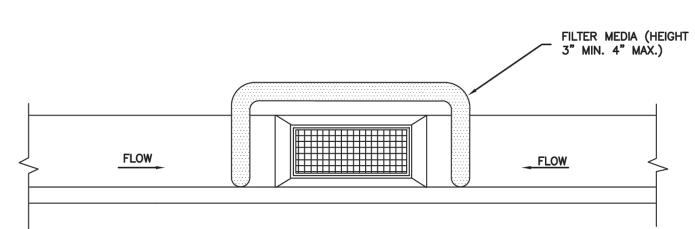
2) Remove sediment accumulated when it reaches 2-inches in depth.

 Replace filter medium when damage has occurred or when medium is no longer functioning as intended.

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ON-GRADE INLET PROTECTION DETAIL



SUMP INLET PROTECTION DETAIL



## Silt fence

1. GENERAL

A. Description. A temporary sediment barrier consisting of a filter fabric stretched

across and attached to supporting posts and entrenched.

Application. To intercent sediment from disturbed areas of limited extent.

B. Application. To intercept sediment from disturbed areas of limited extent.C. Perimeter Control: Place barrier at down gradient limits of disturbance.

D. Sediment Barrier: Place barrier at toe of slope or soil stockpile.E. Protection of Existing Waterways: Place barrier at top of stream bank.

F. Inlet Protection.

A. Fabric. Synthetic filter fabric shall be a pervious sheet of propylene, nylon, polyester, or polyethylene yarn. Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction life at a temperature range of 0 deg F to 120 deg F.

B. Burlap. 10 ounces per square yard of fabric.

C. Posts. Either 2" x 4" diameter wood, or 1.33 pounds per linear foot steel with a minimum length of 5 feet, or steel posts with projections for fastening wire to them.

3. EXECUTION

2. PRODUCTS

A. Cut the fabric on site to desired width, unroll, and drape over the barrier. Secure the fabric toe with rocks or dirt and secure the fabric to the mesh with twin, staples or similar devices

B. When attaching two silt fences together, place the end post of the second fence inside the end post of the first fence. Rotate both posts at least 180 degrees on a clockwise direction to create a tight seal with the filter fabric. Drive both posts into the ground and bury the flap.

C. When used to control sediments from a steep slope, place silt fences away from the toe of the slope for increased holding capacity.

D. Maintenance.

 Inspect immediately after each rainfall and at least daily during prolonged rainfall.

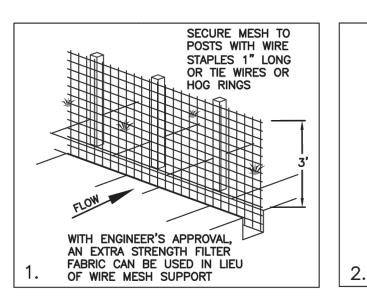
 Should the fabric on a silt fence or filter barrier decompose or become ineffective before the end of the expected usable life and the barrier still be necessary, replace the fabric promptly.

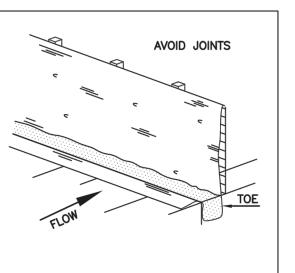
3) Remove sediment deposits after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.

Re-anchor fence as necessary to prevent shortcutting.

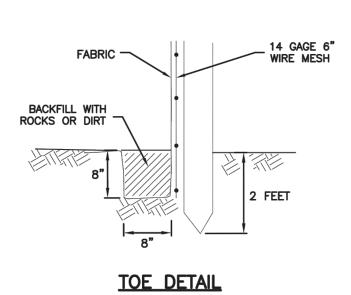
5) Inspect for runoff bypassing ends of barriers or undercutting barriers.

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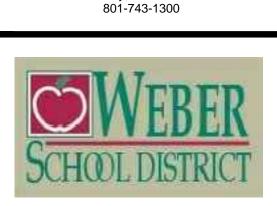
INSTALLATION SEQUENCE





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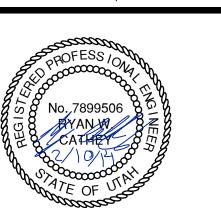


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A EROSION
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