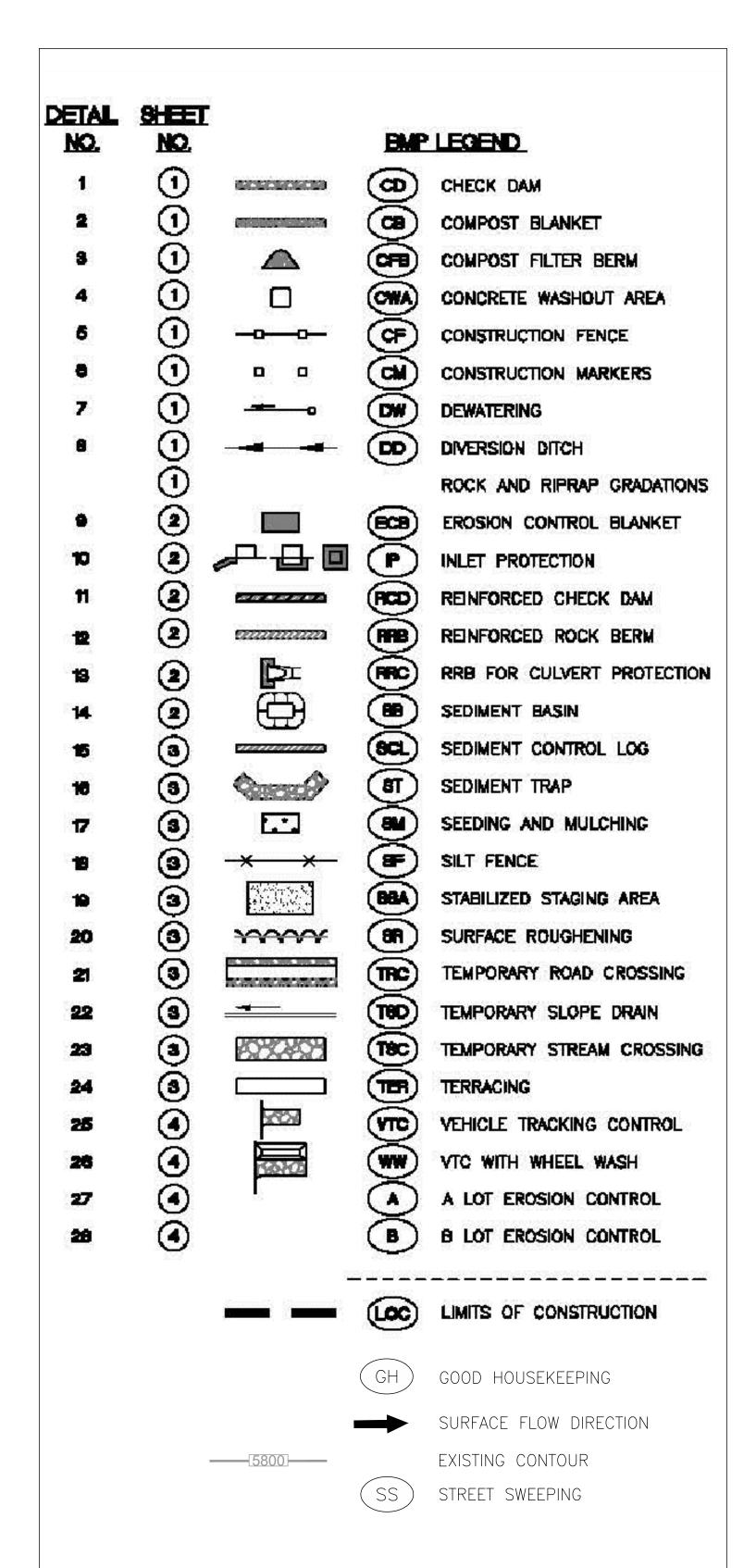
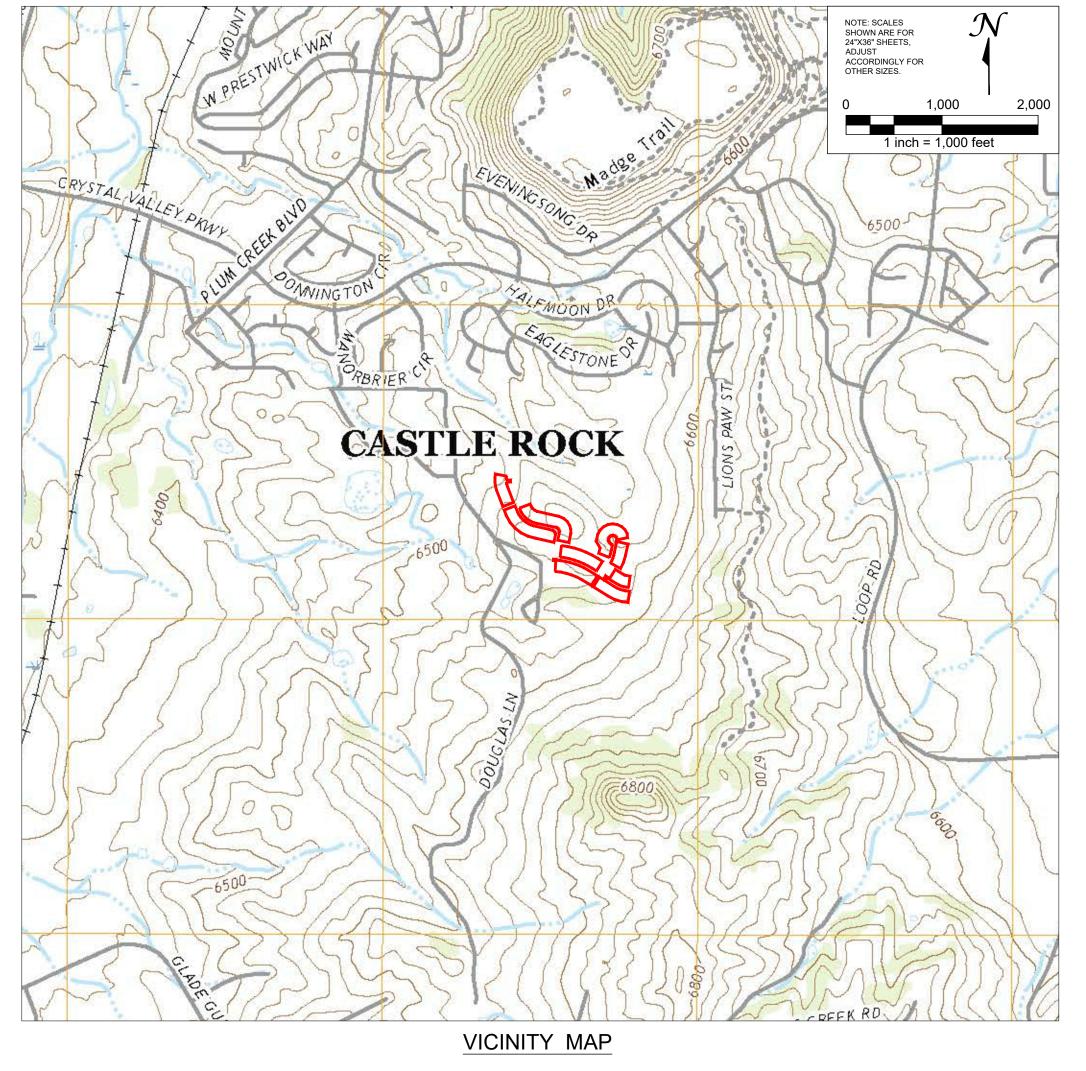
# TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN **MONTAINE FILING 4 - VERTICAL CONSTRUCTION**

SECTION 26, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE 6TH PRIME MERIDIAN THE LANTERNS AT MONTAINE FILING 4, COAL BANK TRAIL & JOLITY CT. TOWN OF CASTLE ROCK, STATE OF COLORADO 80104 PROJECT NO. TESV21-0013







**PROJECT AREA:** ~10.2 AC

DISTURBANCE AREA: ~10.2 AC

IS PROPERLY COMPLETED, MODIFIED OR VOIDED.

SITE MAP

#### SHEET INDEX SHEET **COVER SHEET** 1 OF 8 SHEET TESC PLAN - VERTICAL CONSTRUCTION (NORTH) 2 OF 8 SHEET TESC PLAN - VERTICAL CONSTRUCTION (SOUTH) 3 OF 8 SHEET TYPICAL LANDSCAPING PLAN 4 OF 8 SHEETS TOWN OF CASTLE ROCK TESC PLAN STANDARD NOTES 5-8 AND DETAILS

## **TESC ENGINEER'S CERTIFICATION:**

THE TEMPORARY EROSION AND SEDIMENT CONTROL PLAN INCLUDED HEREIN HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH THE REQUIREMENTS OF THE TEMPORARY EROSION, AND SEDIMENT CONTROL (TESC) MANUAL OF THE TOWN OF CASTLE ROCK AS AMENDED.

REGISTERED PROFESSIONAL ENGINEER: <u>DAVID C. HAINES, P.E.</u>

STATE OF COLORADO NO. 36260 AFFIX SEAL W/DATE

> PERMITTEE/OWNER: WONDERLAND HOMES ATTN: DEREK PETERSON 5660 GREENWOOD PLAZA BLVD. SUITE 101-N GREENWOOD VILLAGE, CO 80111 P: (303) 567-7630

**TESC ENGINEER: CMS ENVIRONMENTAL** SOLUTIONS DAVID HAINES, P.E. 1778 S. BROADWAY **DENVER, CO 80210** P: (720) 810-0805



CALL 811 OR

1-800-922-1987



THE TEMPORARY EROSION AND SEDIMENT CONTROL PLAN INCLUDED HEREIN IS ON FILE AT THE TOWN OF CASTLE ROCK AND APPEARS TO FULFILL APPLICABLE

FUNCTION AS INTENDED. THE REQUIREMENTS OF THIS PLAN SHALL RUN WITH THE

LAND AND BE THE OBLIGATION OF THE PERMITEES, UNTIL SUCH TIME AS THE PLAN

TOWN OF CASTLE ROCK TEMPORARY EROSION AND SEDIMENT CONTROL

UNFORSEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT

CONTROL MEASURES MAY BE REQUIRED OF THE PERMITTEES DUE TO

CRITERIA, AS AMENDED. ADDITIONAL TEMPORARY EROSION AND SEDIMENT

TOWN OF CASTLE ROCK ACCEPTANCE BLOCK

THESE DRAWINGS HAVE BEEN REVIEWED BY THE TOWN OF CASTLE ROCK FOR TEMPORARY EROSION AND SEDIMENT CONTROL IMPROVEMENTS ONLY.



**APPROVED** by Larry Hearold

Approved TESV21-0013 TESV Plans.pdf **Record Document on File** DEVELOPMENT SERVICES DEPARTMENT

DESIGN ENG: EJ CHECKED BY: DH on 01/19/2022

PROJ #: 11-2021 DATE: 11/10/2021

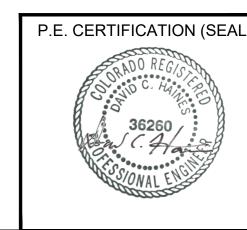
> SHEET 1 OF 8



- CONTROL MEASURES INSTALLED PER FINAL TESC DRAWING TRANSFER TO THE PERMITTEE AND SHALL BE LEFT, OR REPLACED, UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE TOWN OR VERTICAL LOT CONSTRUCTION IS COMPLETE.
- 2. IF LOCATION(S) OF VTC(S), STOCKPILE(S), STAGING AREA(S) AND CONCRETE WASHOUT AREA(S) CHANGE DURING CONSTRUCTION, THE PERMITTEE SHALL REVISE THE DRAWING ACCORDINGLY AND MUST SHOW APPROPRIATE CONTROL MEASURES IMPLEMENTED AT ALL TIMES.
- ALL STRUCTURAL CONTROL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES AND ARE SUBJECT TO INSPECTION AND ENFORCEMENT UNDER THE TESC PERMIT
- IF SEDIMENT OR OTHER POLLUTANTS ARE TRACKED, SPILLED, OR WASHED ONTO STREETS, PERMITTEE SHALL CLEAN THE STORMWATER INSPECTOR. FAILURE TO CLEAN UP TRACKING OF MATERIAL ONTO STREETS WILL RESULT IN AN IMMEDIATE STOP WORK ORDER.
- PERMITTEE SHALL NOT STOCKPILE, PLACE OR STORE ON STREETS, SIDEWALKS OR STORM WATER FLOW LINES EARTH MATERIALS, SUCH AS SOD, COMPOST, DIRT, ROCK AND MULCH. STOCKPILING OF SUCH MATERIALS IN THE RIGHT-OF-WAY MAY RESULT IN AN IMMEDIATE STOP WORK ORDER.
- PERMITTEE SHALL ENSURE THAT ALL CONCRETE WASHOUT AREAS ARE PROPERLY INSTALLED, POSTED AND CLEANED SUCH THAT ALL WASTEWATER IS CONTAINED AND DOES NOT ENTER THE STORM DRAIN SYSTEM. FAILURE TO PROPERLY MAINTAIN CONCRETE WASHOUT AREAS SUCH THAT A DISCHARGE OCCURS WILL RESULT IN A STOP WORK ORDER AND/OR AN IMMEDIATE CLEANUP ORDER.
- PERMITTEE SHALL ENSURE THAT ALL SANITARY FACILITIES ARE PROPERLY SECURED TO THE GROUND TO PREVENT TOPPLING AND DISCHARGE OF LIQUID WASTE. FAILURE TO PROPERLY SECURE SANITARY FACILITIES WILL RESULT IN A VIOLATION.
- PERMITEE SHALL ENSURE THAT THE TESC DRAWING REMAINS UPDATED WITH CURRENT FIELD CONDITIONS. FAILURE TO MAINTAIN THE TESC DRAWING MAY RESULT IN VIOLATION.
- 9. REMOVAL OF CONTROL MEASURES SHALL NOT OCCUR WITHOUT THE APPROVAL OF THE STORMWATER INSPECTOR.

## **VERTICAL CONSTRUCTION NOTES:**

- BMP'S SHOWN ARE PLANNED OR TYPICAL ONLY, CONTRACTOR WILL BE REQUIRED TO UPDATE ACTIVE MAPS FOR ACTUAL CONDITIONS. LAND DEVELOPMENT AND BACK OF CURB BMPS WILL REMAIN IN PLACE UNTIL AREAS MEET STABILIZATION REQUIREMENTS OR UNTIL VERTICAL CONSTRUCTION ON LOTS BEGINS. DEPENDING ON PHASING, BLOCK CONTROLS AS SHOWN WILL BE IMPLEMENTED OR INDIVIDUAL LOT CONTROLS WILL BE IMPLEMENTED AS CONSTRUCTION ON LOTS BEGIN.
- INDIVIDUAL LOT CONTROLS WILL ONLY BE IMPLEMENTED WHEN A LOT BECOMES ACTIVE. SIDE LOT CONTROLS ARE IN PLACE ON THE BLOCK. REFER TO STANDARD DETAILS 27 OR 28 FOR INDIVIDUAL LOT CONTROLS.
- REFER TO CONSTRUCTION PLANS FOR FULL CONSTRUCTION DETAILS INCLUDING BENCHMARK.
- SEQUENCING OF THE PROJECT WILL BE DETERMINED DURING CONSTRUCTION AND UPDATES CAN BE OBTAINED FROM SITE SUPERINTENDENT.
- CONSTRUCTION AND DISTURBANCE OF THE GROUND WILL BE CONFINED TO THE LIMITS OF CONSTRUCTION AND THE LOTS WITHIN THE PERMITTED AREA. ANY UNEXPECTED DISTURBANCE OUTSIDE THE PERMITTED AREA WILL REQUIRE STABILIZATION AND POSSIBLE MODIFICATION OF THE PERMIT.
- SOILS FROM FOUNDATION EXCAVATION WILL BE STOCKPILED ON EACH LOT OR THE ADJACENT LOT IF POSSIBLE.
- STAGING AREA AND CWA LOCATION WILL BE DETERMINED IN FIELD. THE CONCRETE WASHOUTS NEED TO BE INSTALLED PRIOR TO PLACING ANY CONCRETE WASHOUT.
- VEHICLE TRACKING CONTROL DURING HOME CONSTRUCTION MAY CONSIST OF AN ACCESS POINT WITH STREET SWEEPING. LIMIT TO AS FEW ACCESS POINTS AS POSSIBLE. PAVED ROADWAY PARKING WILL BE INSTRUCTED. TRACKING CONTROL MEASURES WILL BE MAINTAINED AND MONITORED REGULARLY FOR EFFECTIVENESS. 9. IF MUD MATS OR STABILIZED CONSTRUCTION ENTRANCES (SCE) ARE NEEDED, THEY DO NOT NEED TO BE INSTALLED UNTIL DISTURBANCE OF A BLOCK OR LOT COMMENCES.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEAN UP OF ALL PAVED AREAS SURROUNDING THE DAY WHEN SEDIMENT AND OTHER MATERIALS ARE TRACKED OR DISCHARGED ONTO THEM. ADDITIONAL GOOD HOUSEKEEPING PRACTICES (PORTABLE TOILETS, DUMPSTERS) WILL BE IMPLEMENTED THROUGHOUT CONSTRUCTION AND WILL BE REFLECTED ON THE ACTIVE SITE MAP.
- 11. IT IS THE PERMITTEE'S RESPONSIBILITY TO ADJUST OR REMOVE INLET PROTECTIONS AS NECESSARY PRIOR TO LARGE RAIN EVENTS THAT MAY EXCEED THE NORMAL CAPACITY OF THE INLET PROTECTION TO PREVENT FLOODING AND POTENTIAL PROPERTY DAMAGE.
- 12. DEPLOYMENT AND/OR REMOVAL OF THE ABOVE BMP'S ARE DEPENDENT OF WORK SEQUENCING AND PROXIMITY TO EACH DISTURBANCE AREA. ADDITIONAL BMP INSTALLATION AND MAINTENANCE SPECIFICATIONS SHEETS ARE ATTACHED TO SWMP NARRATIVE.



TOWN OF CASTLE ROCK ACCEPTANCE BLOCK

THESE DRAWINGS HAVE BEEN REVIEWED BY THE TOWN OF CASTLE ROCK FOR TEMPORARY EROSION AND SEDIMENT CONTROL IMPROVEMENTS ONLY. DEVELOPMENT SERVICES



**APPROVED** 

on 01/19/2022

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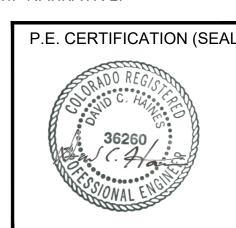


CASTLE ROCK VERTICAL RESIDENTIAL TESC NOTES:

- CONTROL MEASURES INSTALLED PER FINAL TESC DRAWING TRANSFER TO THE PERMITTEE AND SHALL BE LEFT, OR REPLACED, UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE TOWN OR VERTICAL LOT CONSTRUCTION IS COMPLETE.
- IF LOCATION(S) OF VTC(S), STOCKPILE(S), STAGING AREA(S) AND CONCRETE WASHOUT AREA(S) CHANGE DURING CONSTRUCTION, THE PERMITTEE SHALL REVISE THE DRAWING ACCORDINGLY AND MUST SHOW APPROPRIATE CONTROL MEASURES IMPLEMENTED AT
- ALL STRUCTURAL CONTROL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES AND ARE SUBJECT TO INSPECTION AND ENFORCEMENT UNDER
- IF SEDIMENT OR OTHER POLLUTANTS ARE TRACKED, SPILLED, OR WASHED ONTO STREETS, PERMITTEE SHALL CLEAN THE STREETS IN ACCORDANCE WITH TOWN APPROVED METHODS, OR AS DIRECTED BY THE STORMWATER INSPECTOR. FAILURE TO CLEAN UP TRACKING OF MATERIAL ONTO STREETS WILL RESULT IN AN IMMEDIATE STOP WORK
- PERMITTEE SHALL NOT STOCKPILE, PLACE OR STORE ON STREETS, SIDEWALKS OR STORM WATER FLOW LINES EARTH MATERIALS AND LANDSCAPE MATERIALS, SUCH AS SOD, COMPOST, DIRT, ROCK AND MULCH. STOCKPILING OF SUCH MATERIALS IN THE RIGHT-OF-WAY MAY RESULT IN AN IMMEDIATE STOP WORK ORDER.
- PERMITTEE SHALL ENSURE THAT ALL CONCRETE WASHOUT AREAS ARE PROPERLY INSTALLED, POSTED AND CLEANED SUCH THAT ALL WASTEWATER IS CONTAINED AND DOES NOT ENTER THE STORM DRAIN SYSTEM. FAILURE TO PROPERLY MAINTAIN CONCRETE WASHOUT AREAS SUCH THAT A DISCHARGE OCCURS WILL RESULT IN A STOP WORK ORDER AND/OR AN IMMEDIATE CLEANUP ORDER.
- PERMITTEE SHALL ENSURE THAT ALL SANITARY FACILITIES ARE PROPERLY SECURED TO THE GROUND TO PREVENT TOPPLING AND DISCHARGE OF LIQUID WASTE. FAILURE TO PROPERLY SECURE SANITARY FACILITIES WILL RESULT IN A VIOLATION.
- PERMITEE SHALL ENSURE THAT THE TESC DRAWING REMAINS UPDATED WITH CURRENT FIELD CONDITIONS. FAILURE TO MAINTAIN THE TESC DRAWING MAY RESULT IN
- REMOVAL OF CONTROL MEASURES SHALL NOT OCCUR WITHOUT THE APPROVAL OF THE STORMWATER INSPECTOR.

#### **VERTICAL CONSTRUCTION NOTES:**

- 1. BMP'S SHOWN ARE PLANNED OR TYPICAL ONLY, CONTRACTOR WILL BE REQUIRED TO UPDATE ACTIVE MAPS FOR ACTUAL CONDITIONS. LAND DEVELOPMENT AND BACK OF CURB BMPS WILL REMAIN IN PLACE UNTIL AREAS MEET STABILIZATION REQUIREMENTS OR UNTIL VERTICAL CONSTRUCTION ON LOTS BEGINS. DEPENDING ON PHASING, BLOCK CONTROLS AS SHOWN WILL BE IMPLEMENTED OR INDIVIDUAL LOT CONTROLS WILL BE IMPLEMENTED AS CONSTRUCTION ON LOTS BEGIN.
- INDIVIDUAL LOT CONTROLS WILL ONLY BE IMPLEMENTED WHEN A LOT BECOMES ACTIVE. SIDE LOT CONTROLS MAY NOT BE REQUIRED WHEN NEIGHBORING LOTS ARE ALSO DISTURBED OR WHEN ADEQUATE PERIMETER CONTROLS ARE IN PLACE ON THE BLOCK. REFER TO STANDARD DETAILS 27 OR 28 FOR INDIVIDUAL LOT CONTROLS.
- REFER TO CONSTRUCTION PLANS FOR FULL CONSTRUCTION DETAILS INCLUDING
- SEQUENCING OF THE PROJECT WILL BE DETERMINED DURING CONSTRUCTION AND UPDATES CAN BE OBTAINED FROM SITE SUPERINTENDENT.
- CONSTRUCTION AND DISTURBANCE OF THE GROUND WILL BE CONFINED TO THE LIMITS OF CONSTRUCTION AND THE LOTS WITHIN THE PERMITTED AREA. ANY UNEXPECTED DISTURBANCE OUTSIDE THE PERMITTED AREA WILL REQUIRE STABILIZATION AND POSSIBLE MODIFICATION OF THE PERMIT.
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- VEHICLE TRACKING CONTROL DURING HOME CONSTRUCTION MAY CONSIST OF AN ACCESS POINT WITH STREET SWEEPING. LIMIT TO AS FEW ACCESS POINTS AS POSSIBLE PAVED ROADWAY PARKING WILL BE INSTRUCTED. TRACKING CONTROL MEASURES WILL BE MAINTAINED AND MONITORED REGULARLY FOR EFFECTIVENESS.
- IF MUD MATS OR STABILIZED CONSTRUCTION ENTRANCES (SCE) ARE NEEDED, THEY DO NOT NEED TO BE INSTALLED UNTIL DISTURBANCE OF A BLOCK OR LOT COMMENCES.
- . THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEAN UP OF ALL PAVED AREAS SURROUNDING THE PROJECT ON A DAILY BASIS AND AS NEEDED DURING THE DAY WHEN SEDIMENT AND OTHER MATERIALS ARE TRACKED OR DISCHARGED ONTO THEM ADDITIONAL GOOD HOUSEKEEPING PRACTICES (PORTABLE TOILETS, DUMPSTERS) WILL BE IMPLEMENTED THROUGHOUT CONSTRUCTION AND WILL BE REFLECTED ON THE ACTIVE
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- 12. DEPLOYMENT AND/OR REMOVAL OF THE ABOVE BMP'S ARE DEPENDENT OF WORK SEQUENCING AND PROXIMITY TO EACH DISTURBANCE AREA. ADDITIONAL BMPS MAY BE REQUIRED PER THE DETAILS OR NARRATIVE. ADDITIONAL BMP INSTALLATION AND MAINTENANCE SPECIFICATIONS SHEETS ARE ATTACHED TO SWMP NARRATIVE.



TOWN OF CASTLE ROCK ACCEPTANCE BLOCK

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APPROVED by Larry Hearold

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on 01/19/2022

SHEET 3 OF 8

Broadway CO 80210 ) 593-2107 ) 923-3416



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11/10/2021

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