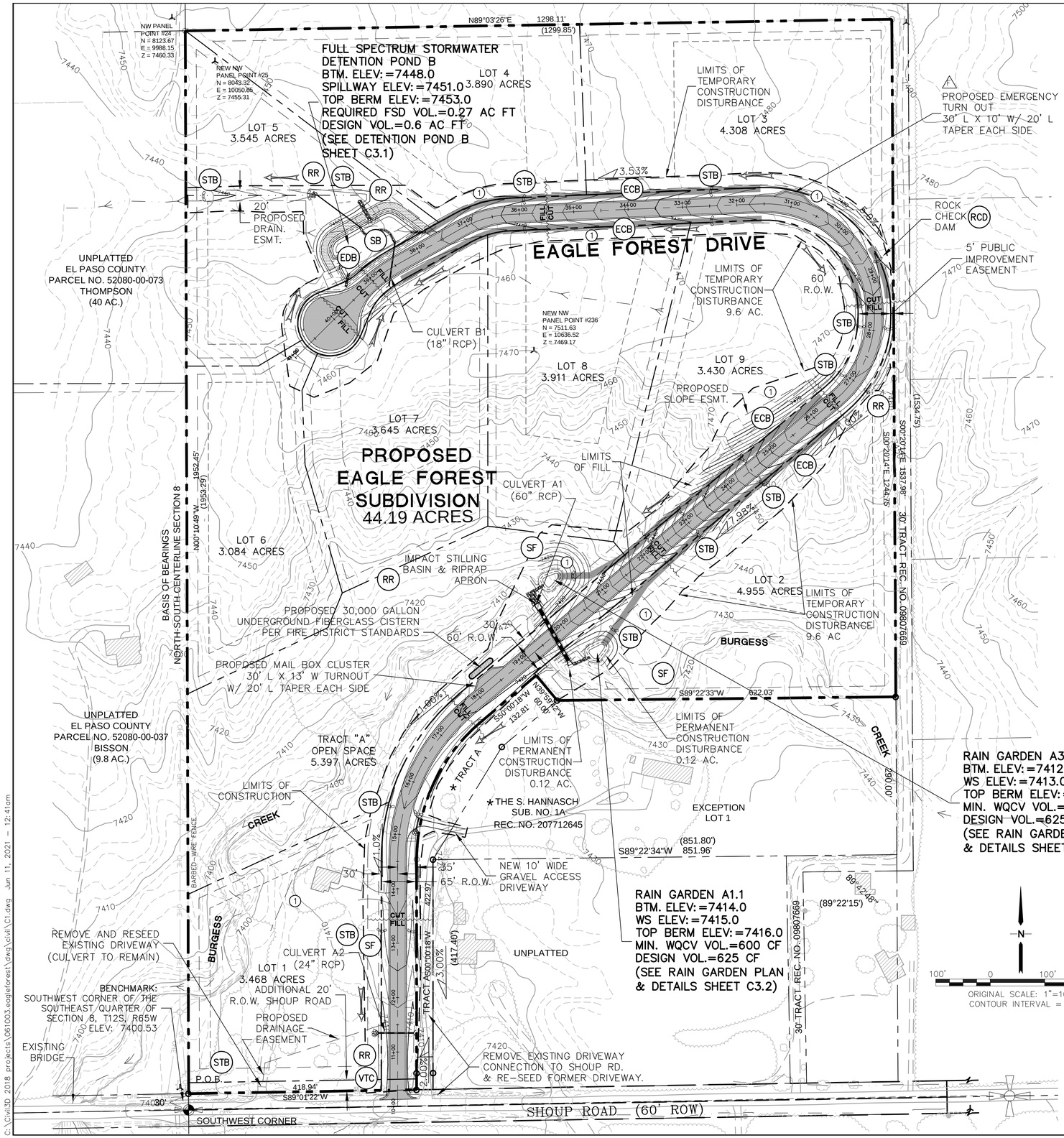



## GENERAL DRAINAGE NOTES:

1. INDIVIDUAL BUILDERS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES AND ACCOUNT FOR POTENTIAL CROSS-LOT DRAINAGE IMPACTS WITHIN EACH LOT.

2. BUILDERS AND PROPERTY OWNERS SHALL IMPLEMENT & MAINTAIN EROSION CONTROL BEST MANAGEMENT PRACTICES FOR PROTECTION OF DOWNSTREAM PROPERTIES AND FACILITIES INCLUDING PROTECTION OF EXISTING GRASS BUFFER STRIPS ALONG THE DOWNSTREAM PROPERTY BOUNDARIES.

## ESTIMATED EARTHWORK QUANTITY:

UNCLASSIFIED EXCAVATION (TOTAL CUT) = 13.633 CY
* EMBANKMENT FILL =9,011 CY
NET (CUT) = 4,622 CY

*(ASSUMES 15% COMPACTION FACTOR)

NOTE: THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THE CALCULATED BULK EARTHWORK VOLUME NOT INCLUDING ANY ADJUSTMENTS FOR PAVEMENT DEPTHS. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES AS BASIS FOR BID PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

### DRIVEWAY CULVERT TABLE

| LOT NO. | SIZE (DIA.) | MIN. SLOPE |
|---|---|---|
| 1 | 18" | 1.0% |
| 2 | 18" | 1.0% |
| 3 | 18" | 1.0% |
| 4 | 18" | 1.0% |
| 5 | 18" | 1.0% |
| 6 | 18" | 1.0% |
| 7 | 18" | 1.0% |
| 8 | 18" | 1.0% |
| 9 | 18" | 1.0% |

## KEYED NOTES:

1. CONTRACTOR MAY WASTE EXCESS CUT MATERIAL OR BORROW SUITABLE FILL MATERIAL FROM THIS AREA. MATCH INTO EXISTING GRADES WITH 3:1 MAX CUT AND FILL SLOPES AND MAINTAIN POSITIVE DRAINAGE IN ALL AREAS.

## BMP PHASING

INITIAL BMP'S
- INSTALL VTC
- INSTALL SILT FENCE

INTERIM BMP'S
- STRAW BALE CHECK DAMS

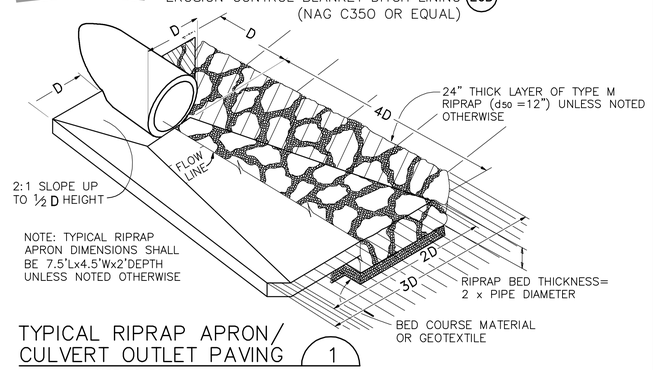
FINAL BMP'S
- RIPRAP APRONS
- SEEDING
- DETENTIOIN POND & RAIN GARDENS

## BMP NOTES:

1. EXISTING VEGETATION CONSISTS OF NATIVE GRASSES
2. NO DEDICATED ASPHALT OR CONCRETE BATCH PLANTS ARE PLANNED ON SITE
3. CONTRACTOR SHALL UPDATE AND ANNOTATE THE SWMP MAPS TO SHOW THE LOCATION OF THE CONSTRUCTION TRAILER, STABILIZED STAGING AREA, CWA AND OTHER ITEMS AS THESE LOCATIONS ARE DETERMINED ON SITE.

## EROSION CONTROL:

- FILING LIMITS
- 6520 EXISTING CONTOUR
- PROPOSED CULVERT
- FLOW DIRECTION ARROW
- FLOWLINE
- RIPRAP (RR)
- SILT FENCE (SF)
- VEHICLE TRACKING PAD (VTC)
- STRAW BALE CHECK DAM (STB)
- SEDIMENT BASIN (SB)
- EXTENDED DETENTION BASIN (EDB)
- EROSION CONTROL BLANKET DITCH LINING (ECB) (NAG C350 OR EQUAL)




NOTE: TYPICAL RIPRAP APRON DIMENSIONS SHALL BE 7.5'Lx4.5'Wx2'DEPTH UNLESS NOTED OTHERWISE

TYPICAL RIPRAP APRON/ CULVERT OUTLET PAVING 1

NOT TO SCALE

JPS ENGINEERING
19 E. Willamette Ave.
Colorado Springs, CO 80903
PH: 719-477-9429
FAX: 719-471-0766
www.jpsengr.com

CALL UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

| No. | REVISION | BY | DATE |
|---|---|---|---|
| 1 | ADD RAIN GARDENS | JPS | 11/24/20 |
| 2 | REV. CUL-DE-SAC, KIOSK PULL OUT | JPS | 12/8/20 |
| 3 | REVISE MAIL KIOSK,UPDATE TOPO | JPS | 12/28/20 |
| 4 | REVISE MAIL KIOSK PULL OUT | JPS | 1/31/21 |
| 5 | EPC SUBMITTAL | JPS | 6/11/21 |

# EAGLE FOREST SUBDIVISION

## GRADING & EROSION CONTROL PLAN

| | |
|---|---|
| HORZ. SCALE: 1"=100' | DRAWN: MSP |
| VERT. SCALE: N/A | DESIGNED: JPS |
| SURVEYED: LWA | CHECKED: JPS |
| CREATED: 3/17/12 | LAST MODIFIED: 6/10/21 |
| PROJECT NO: 061003 | MODIFIED BY: MSP |
| SHEET: | C1 |

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