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D.R.HORTON
America's Builder

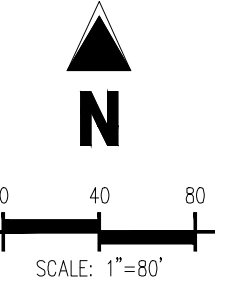
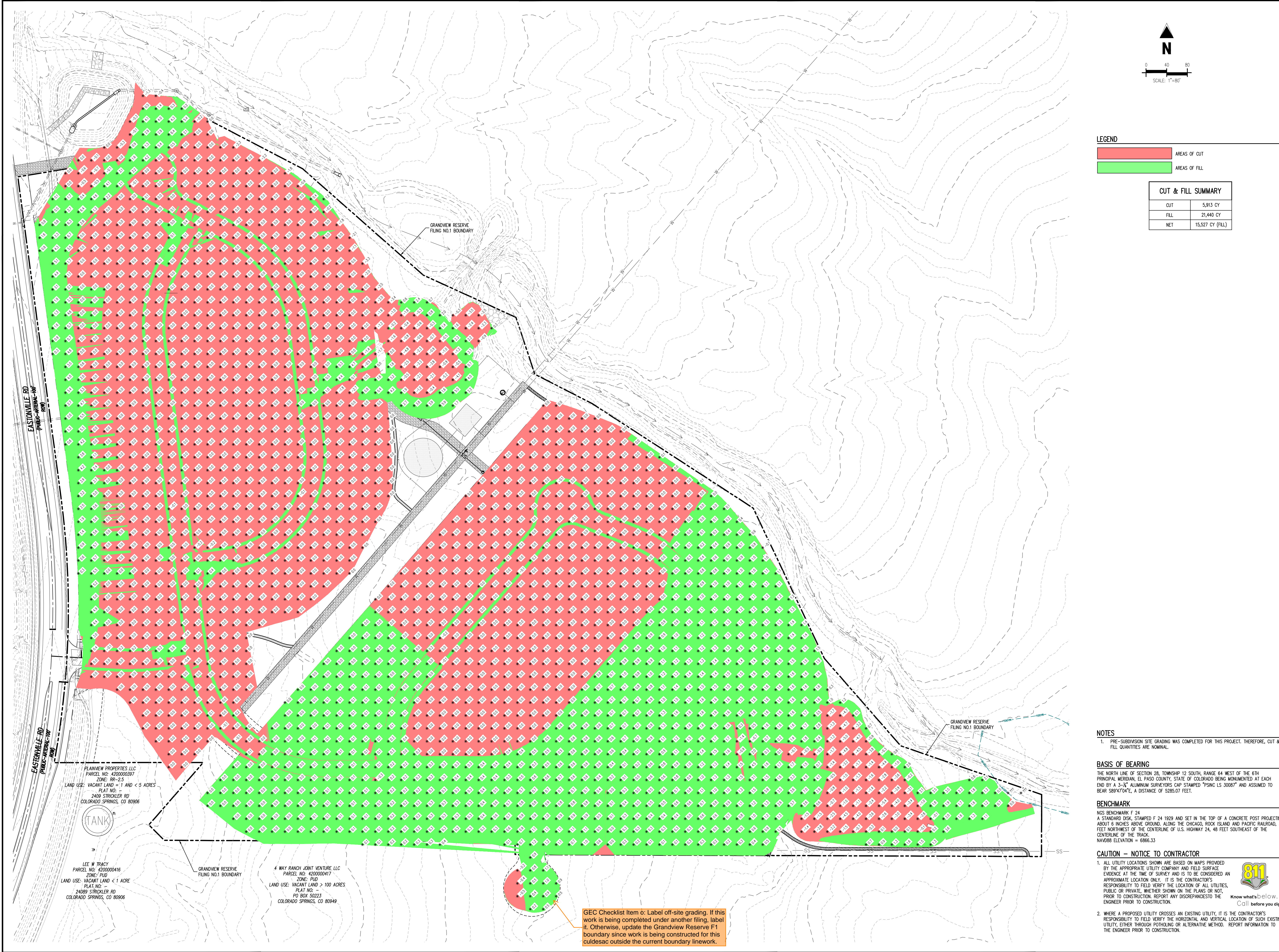
CONSTRUCTION DOCUMENTS
GRANDVIEW RESERVE FILING NO. 1
4 SITE INVESTMENTS, LLC (D.R. HORTON)
SF-22-XXX

EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

| # | Date | Issue / Description | Init. |
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Project No: HRG02
Drawn By: JDM
Checked By: CMWJ
Date: 10/14/2022

CUT & FILL MAP



LEGEND

AREAS OF CUT
AREAS OF FILL

CUT & FILL SUMMARY

| | |
|------|------------------|
| CUT | 5,913 CY |
| FILL | 21,440 CY |
| NET | 15,527 CY (FILL) |

PLAINVIEW PROPERTIES LLC
PARCEL NO: 420000397
ZONE: R9-2.5
LAND USE: VACANT LAND > 1 AND < 5 ACRES
PLAT NO: 2409 STRICKLER RD
COLORADO SPRINGS, CO 80906

LEE W TRACY
PARCEL NO: 420000416
ZONE: PUD
LAND USE: VACANT LAND < 1 ACRE
2409 STRICKLER RD
COLORADO SPRINGS, CO 80906

GRANDVIEW RESERVE
FILING NO.1 BOUNDARY

4 WAY RANCH JOINT VENTURE LLC
PARCEL NO: 420000417
ZONE: PUD
LAND USE: VACANT LAND > 100 ACRES
PLAT NO: PUD BOK 90223
COLORADO SPRINGS, CO 80949

GEC Checklist Item o: Label off-site grading. If this work is being completed under another filing, label it. Otherwise, update the Grandview Reserve F1 boundary since work is being constructed for this culdesac outside the current boundary linework.

NOTES

1. PRE-SUBDIVISION SITE GRADING WAS COMPLETED FOR THIS PROJECT. THEREFORE, CUT & FILL QUANTITIES ARE NOMINAL.

BASIS OF BEARING

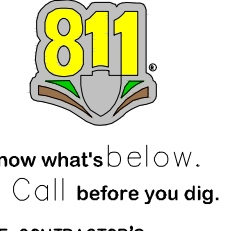
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BENCHMARK

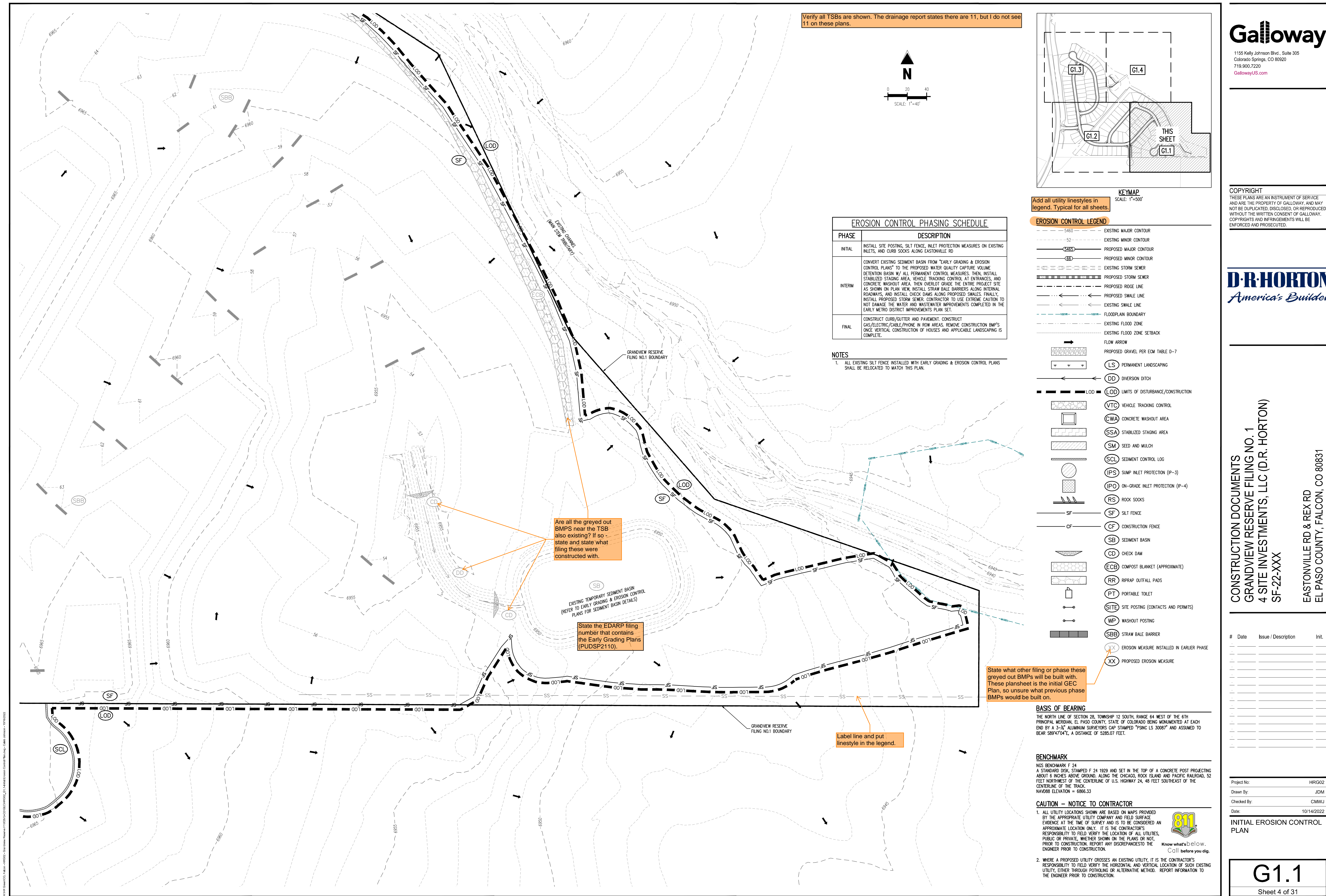
NIS BENCHMARK F 24
A STANDARD DISK STAMPED F 24 1929 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 6 INCHES ABOVE GROUND, ALONG THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD, 52 FEET NORTHWEST OF THE CENTERLINE OF U.S. HIGHWAY 24, 48 FEET SOUTHEAST OF THE CENTERLINE OF THE TRACK.
NAVD88 ELEVATION = 6866.33

CAUTION - NOTICE TO CONTRACTOR

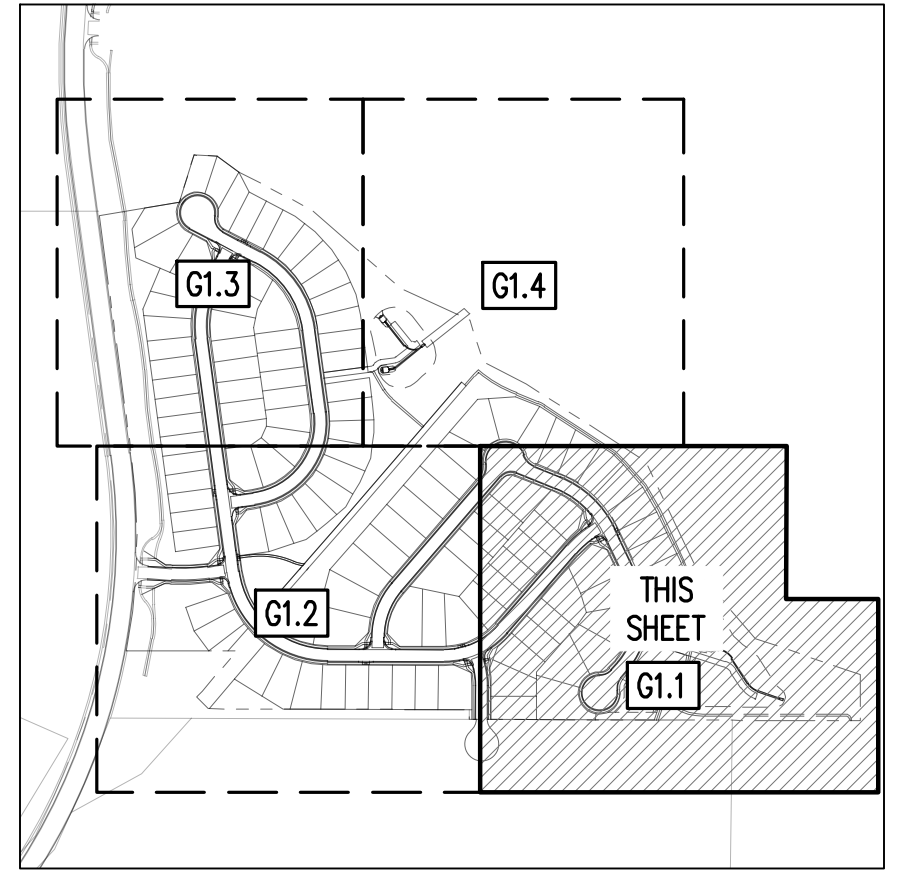
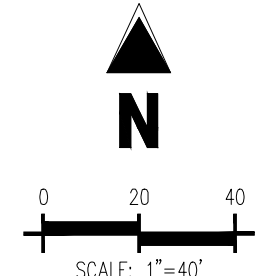
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2. WHERE A PROPOSED UTILITY GROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



Verify all TSBs are shown. The drainage report states there are 11, but I do not see 11 on these plans.



KEYMAP
SCALE: 1"=500'

Add all utility linestyles in legend. Typical for all sheets.

| EROSION CONTROL PHASING SCHEDULE | |
|----------------------------------|--|
| PHASE | DESCRIPTION |
| INITIAL | INSTALL SITE POSTING, SILT FENCE, INLET PROTECTION MEASURES ON EXISTING INLETS, AND CURB SOCKS ALONG EASTONVILLE RD |
| INTERIM | CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO THE PROPOSED WATER QUALITY CAPTURE VOLUME DETENTION BASIN W/ ALL PERMANENT CONTROL MEASURES. THEN, INSTALL STABILIZED STAGING AREA, VEHICLE TRACKING CONTROL AT ENTRANCES, AND CONCRETE WASHOUT AREA. THEN OVERLOT GRADE THE ENTIRE PROJECT SITE AS SHOWN ON PLAN VIEW, INSTALL STRAW BALE BARRIERS ALONG INTERNAL ROADWAYS, AND INSTALL CHECK DAMS ALONG PROPOSED SWALES. FINALLY, INSTALL PROPOSED STORM SEWER. CONTRACTOR TO USE EXTREME CAUTION TO NOT DAMAGE THE WATER AND WASTEWATER IMPROVEMENTS COMPLETED IN THE EARLY METRO DISTRICT IMPROVEMENTS PLAN SET. |
| FINAL | CONSTRUCT CURB/GUTTER AND PAVEMENT. CONSTRUCT GAS/ELECTRIC/CABLE/PHONE IN ROW AREAS. REMOVE CONSTRUCTION BMP'S ONCE VERTICAL CONSTRUCTION OF HOUSES AND APPLICABLE LANDSCAPING IS COMPLETE. |

NOTES
1. ALL EXISTING SILT FENCE INSTALLED WITH EARLY GRADING & EROSION CONTROL PLANS SHALL BE RELOCATED TO MATCH THIS PLAN.

EROSION CONTROL LEGEND

- 5460 --- EXISTING MAJOR CONTOUR
- 52 --- EXISTING MINOR CONTOUR
- 5465 --- PROPOSED MAJOR CONTOUR
- 66 --- PROPOSED MINOR CONTOUR
- --- EXISTING STORM SEWER
- --- PROPOSED STORM SEWER
- --- PROPOSED RIDGE LINE
- --- PROPOSED SWALE LINE
- --- EXISTING SWALE LINE
- --- FLOODPLAIN BOUNDARY
- --- EXISTING FLOOD ZONE
- --- EXISTING FLOOD ZONE SETBACK
- FLOW ARROW
- --- PROPOSED GRAVEL PER EOM TABLE 0-7
- --- PERMANENT LANDSCAPING (LS)
- --- DIVERSION DITCH (DD)
- LOD --- LIMITS OF DISTURBANCE/CONSTRUCTION
- VTC --- VEHICLE TRACKING CONTROL
- CWA --- CONCRETE WASHOUT AREA
- SSA --- STABILIZED STAGING AREA
- SM --- SEED AND MULCH
- SCL --- SEDIMENT CONTROL LOG
- IPS --- SUMP INLET PROTECTION (P-3)
- IPO --- ON-GRADE INLET PROTECTION (P-4)
- RS --- ROCK SOCKS
- SF --- SILT FENCE
- CF --- CONSTRUCTION FENCE
- SB --- SEDIMENT BASIN
- CD --- CHECK DAM
- ECB --- COMPOST BLANKET (APPROXIMATE)
- RR --- RIPRAP OUTFALL PADS
- PT --- PORTABLE TOILET
- SITE --- SITE POSTING (CONTACTS AND PERMITS)
- WP --- WASHOUT POSTING
- SBB --- STRAW BALE BARRIER
- XX --- EROSION MEASURE INSTALLED IN EARLIER PHASE
- XX --- PROPOSED EROSION MEASURE

Are all the greyed out BMPs near the TSB also existing? If so - state and state what filing these were constructed with.

State the EDARP filing number that contains the Early Grading Plans (PUDSP2110).

State what other filing or phase these greyed out BMPs will be built with. These plansheet is the initial GEC Plan, so ensure what previous phase BMPs would be built on.

Label line and put linestyle in the legend.

BASIS OF BEARING
THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY A 3-1/2" ALUMINUM SURVEYOR'S CAP STAMPED "PACING LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK
N15 BENCHMARK F 24
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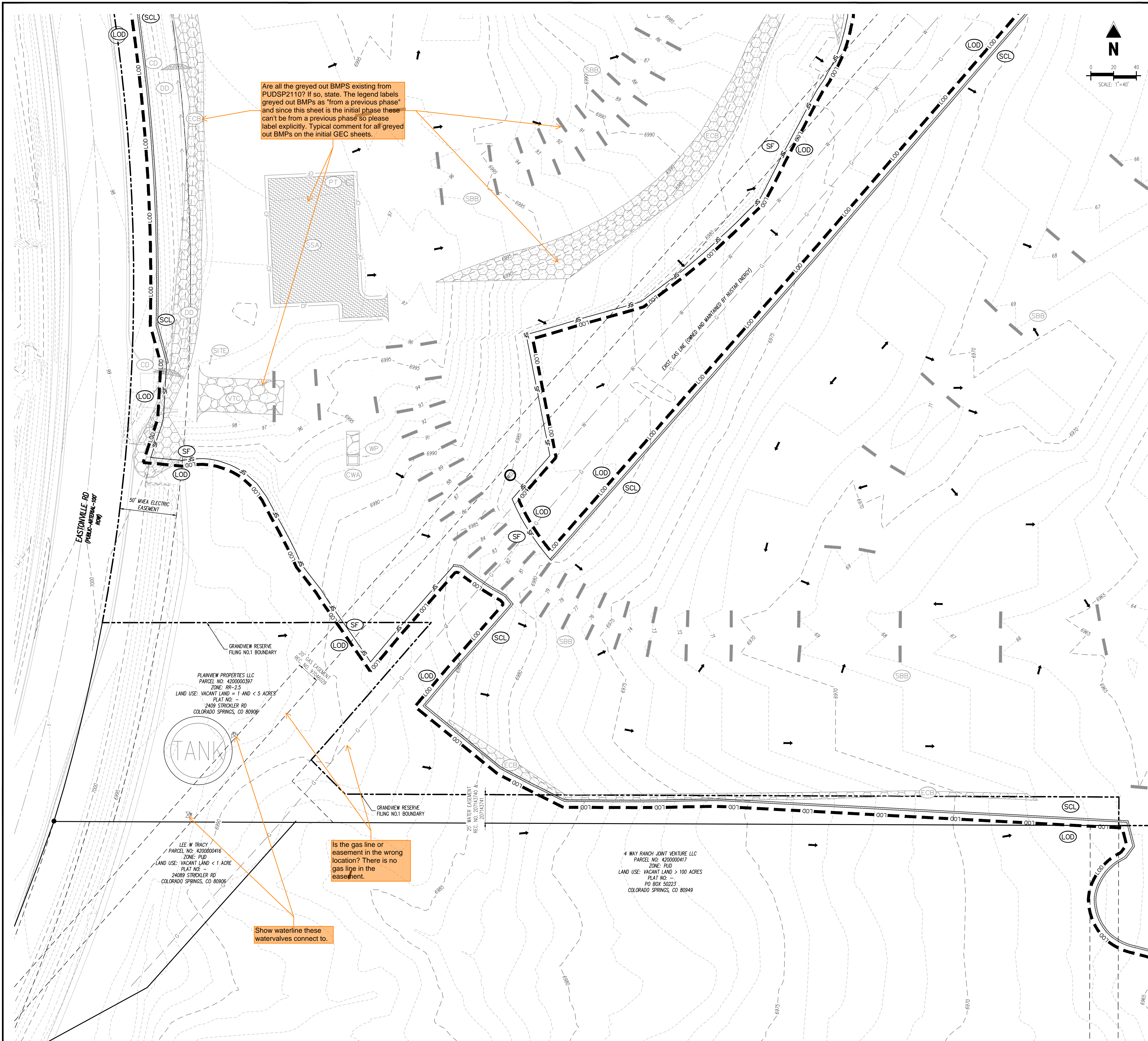
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Project No: HRG02
Drawn By: JDM
Checked By: CMWJ
Date: 10/14/2022

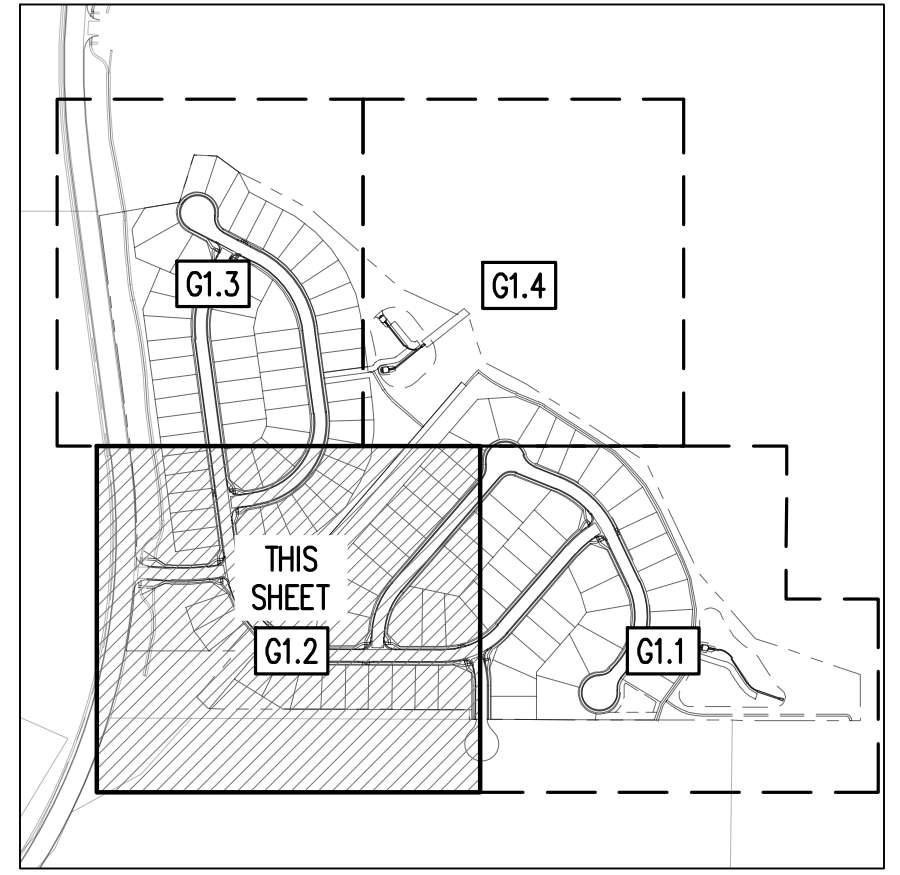
INITIAL EROSION CONTROL PLAN



Are all the greyed out BMPs existing from PUDSP2110? If so, state. The legend labels greyed out BMPs as "from a previous phase" and since this sheet is the initial phase these can't be from a previous phase so please label explicitly. Typical comment for all greyed out BMPs on the initial GEC sheets.

Show waterline these watervales connect to.

Is the gas line or easement in the wrong location? There is no gas line in the easement.



KEYMAP
SCALE: 1"=500'

EROSION CONTROL LEGEND

- - - - - 5460 EXISTING MAJOR CONTOUR
- - - - - 52 EXISTING MINOR CONTOUR
- - - - - 5465 PROPOSED MAJOR CONTOUR
- - - - - 66 PROPOSED MINOR CONTOUR
- - - - - EXISTING STORM SEWER
- - - - - PROPOSED STORM SEWER
- - - - - PROPOSED RIDGE LINE
- - - - - PROPOSED SWALE LINE
- - - - - EXISTING SWALE LINE
- - - - - FLOODPLAIN BOUNDARY
- - - - - EXISTING FLOOD ZONE
- - - - - EXISTING FLOOD ZONE SETBACK
- FLOW ARROW
- [Pattern] PROPOSED GRAVEL PER EGM TABLE 0-7
- [Circle with S] (S) PERMANENT LANDSCAPING
- [Circle with DD] (DD) DIVERSION DITCH
- [Circle with LOD] (LOD) LIMITS OF DISTURBANCE/CONSTRUCTION
- [Circle with VTC] (VTC) VEHICLE TRACKING CONTROL
- [Circle with CWA] (CWA) CONCRETE WASHOUT AREA
- [Circle with SSA] (SSA) STABILIZED STAGING AREA
- [Circle with SM] (SM) SEED AND MULCH
- [Circle with SCL] (SCL) SEDIMENT CONTROL LOG
- [Circle with IPS] (IPS) SUMP INLET PROTECTION (P-3)
- [Circle with IPO] (IPO) ON-GRADE INLET PROTECTION (P-4)
- [Circle with RS] (RS) ROCK SOCKS
- [Circle with SF] (SF) SILT FENCE
- [Circle with CF] (CF) CONSTRUCTION FENCE
- [Circle with SB] (SB) SEDIMENT BASIN
- [Circle with CD] (CD) CHECK DAM
- [Circle with ECB] (ECB) COMPOST BLANKET (APPROXIMATE)
- [Circle with RR] (RR) RIPRAP OUTFALL PADS
- [Circle with PT] (PT) PORTABLE TOILET
- [Circle with SITE] (SITE) SITE POSTING (CONTACTS AND PERMITS)
- [Circle with WP] (WP) WASHOUT POSTING
- [Circle with SBB] (SBB) STRAW BALE BARRIER
- [Circle with XX] (XX) EROSION MEASURE INSTALLED IN EARLIER PHASE
- [Circle with XX] (XX) PROPOSED EROSION MEASURE

NOTES

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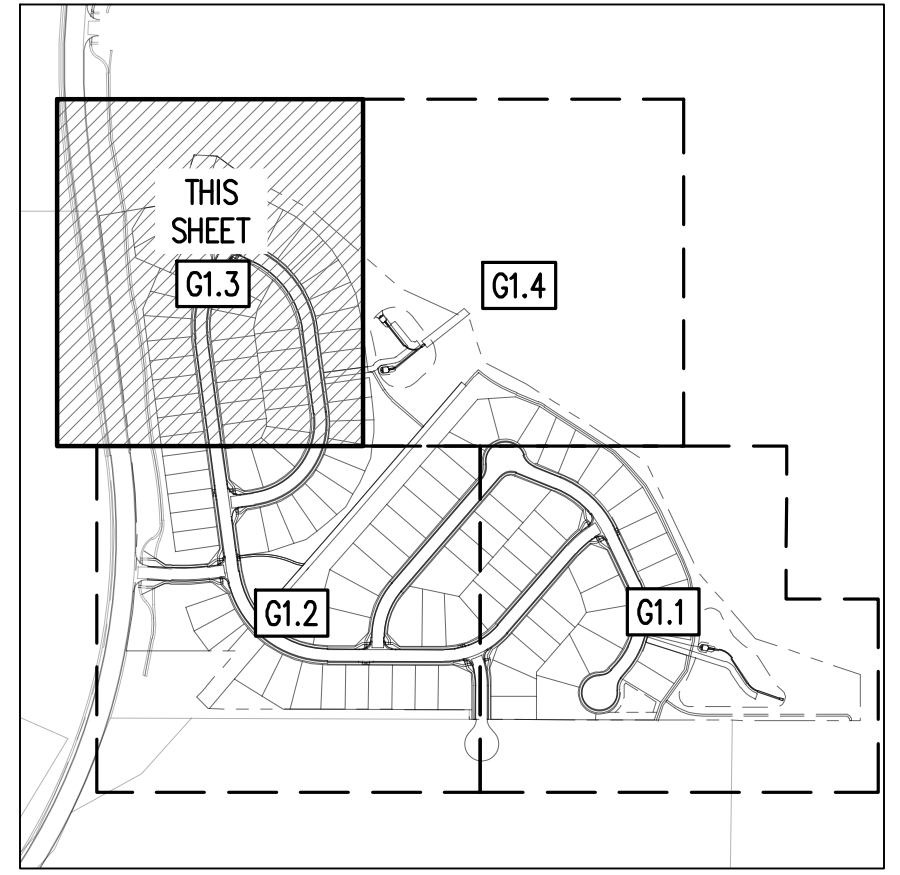
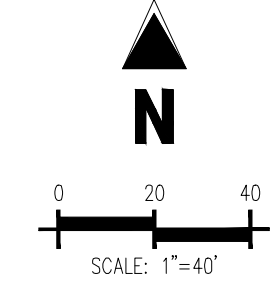
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Project No: HRG02
 Drawn By: JDM
 Checked By: CMWJ
 Date: 10/14/2022

INITIAL EROSION CONTROL PLAN



KEYMAP
SCALE: 1"=500'

- EROSION CONTROL LEGEND**
- - - - - 5460 --- EXISTING MAJOR CONTOUR
 - - - - - 52 --- EXISTING MINOR CONTOUR
 - 5465 --- PROPOSED MAJOR CONTOUR
 - CB --- PROPOSED MINOR CONTOUR
 - — — — — EXISTING STORM SEWER
 - — — — — PROPOSED STORM SEWER
 - PROPOSED RIDGE LINE
 - PROPOSED SWALE LINE
 - EXISTING SWALE LINE
 - - - - - FLOODPLAIN BOUNDARY
 - - - - - EXISTING FLOOD ZONE
 - - - - - EXISTING FLOOD ZONE SETBACK
 - ➔ FLOW ARROW
 - PROPOSED GRAVEL PER EOM TABLE 0-7
 - LS PERMANENT LANDSCAPING
 - DD DIVERSION DITCH
 - LOD LIMITS OF DISTURBANCE/CONSTRUCTION
 - VTC VEHICLE TRACKING CONTROL
 - CWA CONCRETE WASHOUT AREA
 - SSA STABILIZED STAGING AREA
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 - SCL SEDIMENT CONTROL LOG
 - IPS SUMP INLET PROTECTION (P-3)
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 - RS ROCK SOCKS
 - SF SILT FENCE
 - CF CONSTRUCTION FENCE
 - SB SEDIMENT BASIN
 - CD CHECK DAM
 - ECB COMPOST BLANKET (APPROXIMATE)
 - RR RIPRAP OUTFALL PADS
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 - XX EROSION MEASURE INSTALLED IN EARLIER PHASE
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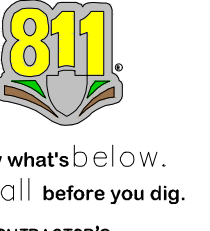
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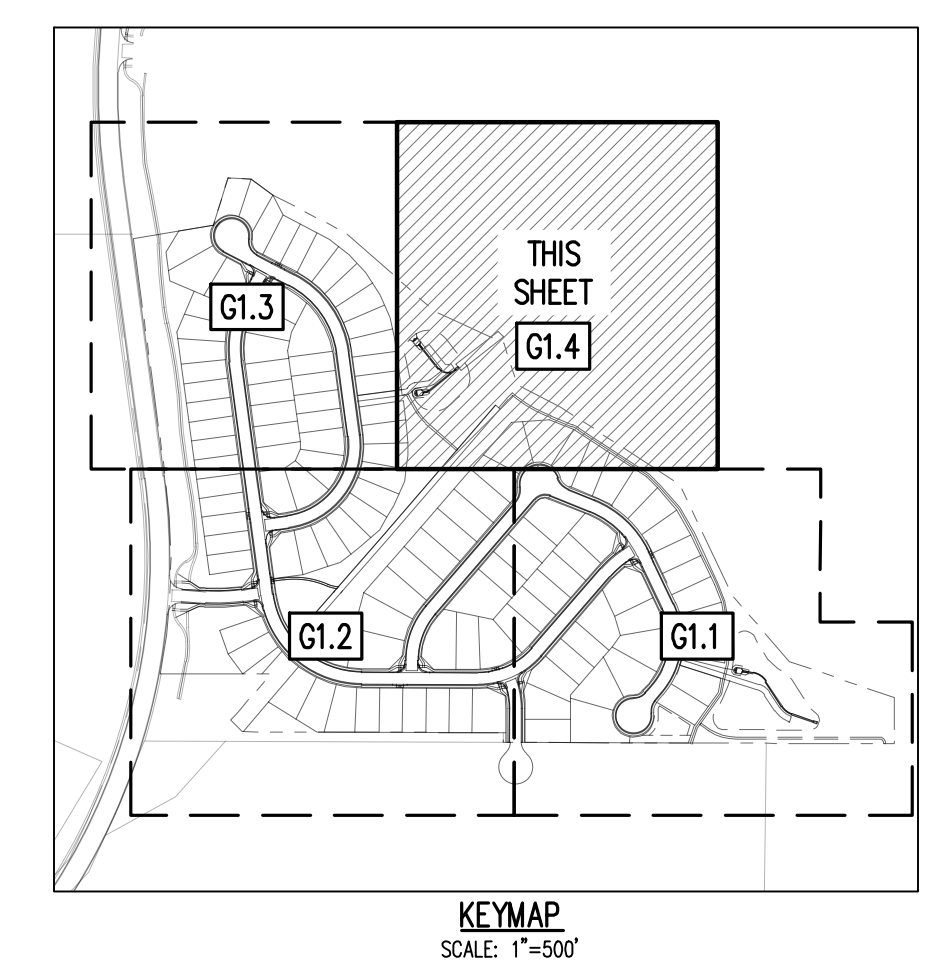
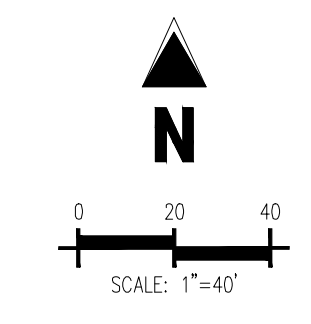
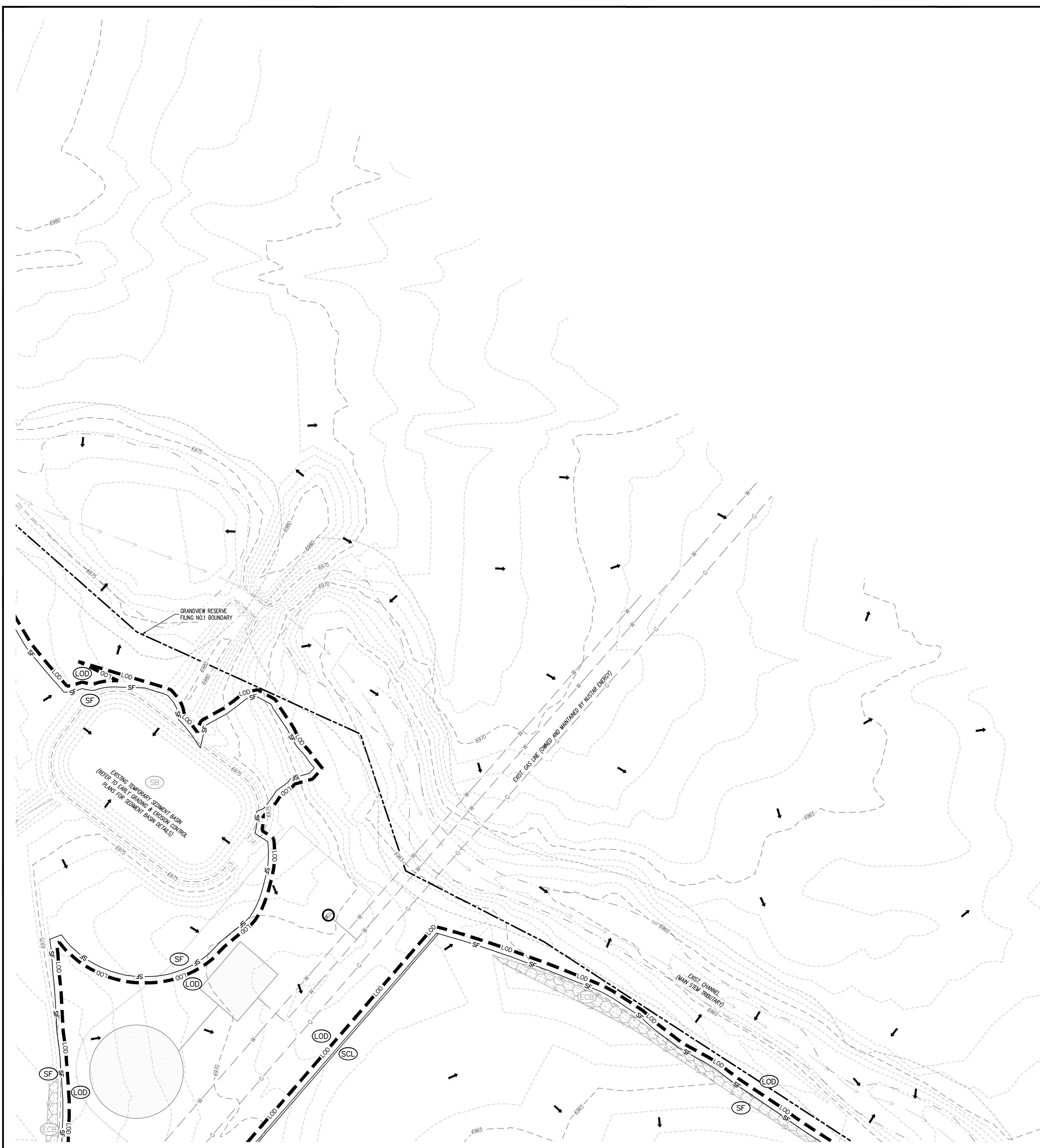
Galloway
1155 Kelly Johnson Blvd., Suite 305
Colorado Springs, CO 80920
719.900.7220
GallowayUS.com

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EROSION CONTROL LEGEND

| | |
|-----------|--|
| -5460- | EXISTING MAJOR CONTOUR |
| -52 | EXISTING MINOR CONTOUR |
| -5465- | PROPOSED MAJOR CONTOUR |
| -56- | PROPOSED MINOR CONTOUR |
| ----- | EXISTING STORM SEWER |
| ===== | PROPOSED STORM SEWER |
| ----- | PROPOSED RIDGE LINE |
| -----< | PROPOSED SWALE LINE |
| -----> | EXISTING SWALE LINE |
| -0000- | FLOODPLAIN BOUNDARY |
| ----- | EXISTING FLOOD ZONE |
| ----- | EXISTING FLOOD ZONE SETBACK |
| → | FLOW ARROW |
| [Pattern] | PROPOSED GRAVEL PER EOM TABLE 0-7 |
| (LS) | PERMANENT LANDSCAPING |
| (DD) | DIVERSION DITCH |
| [Hatched] | LOD (L) LIMITS OF DISTURBANCE/CONSTRUCTION |
| [Hatched] | (VTC) VEHICLE TRACKING CONTROL |
| [Hatched] | (CWA) CONCRETE WASHOUT AREA |
| [Hatched] | (SSA) STABILIZED STAGING AREA |
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| INTERM | CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO THE PROPOSED WATER QUALITY CAPTURE VOLUME DETENTION BASIN W/ ALL PERMANENT CONTROL MEASURES, THEN, INSTALL STABILIZED STAGING AREA, VEHICLE TRACKING CONTROL AT ENTRANCES, AND CONCRETE WASHOUT AREA, THEN OVERLOTT GRADE, THE ENTIRE PROJECT SITE AS SHOWN ON PLAN VIEW, INSTALL STRAW BALE BARRIERS ALONG INTERNAL ROADWAYS, AND INSTALL CHECK DAMS ALONG PROPOSED SWALES, FINALLY, INSTALL PROPOSED STORM SEWER, CONTRACTOR TO USE EXTREME CAUTION TO NOT DAMAGE THE WATER AND WASTEWATER IMPROVEMENTS COMPLETED IN THE EARLY METRO DISTRICT IMPROVEMENTS PLAN SET. |
| FINAL | CONSTRUCT CURB/GUTTER AND PAVEMENT, CONSTRUCT GAS/ELECTRIC/CABLE/PHONE IN ROW AREAS, REMOVE CONSTRUCTION BMP'S ONCE VERTICAL CONSTRUCTION OF HOUSES AND APPLICABLE LANDSCAPING IS COMPLETE. |

BASIS OF BEARING

THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY 3-3/4" ALUMINUM SURVEYORS CAP STAMPED "PSING LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK

NIS BENCHMARK F 24
A STANDARD DISK, STAMPED F 24 1929 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 6 INCHES ABOVE GROUND, ALONG THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD, 52 FEET NORTHWEST OF THE CENTERLINE OF U.S. HIGHWAY 24, 48 FEET SOUTHEAST OF THE CENTERLINE OF THE TRACK.
NAVD88 ELEVATION = 6866.33

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT. PRIOR TO CONSTRUCTION, REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

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D·R·HORTON
America's Builder

CONSTRUCTION DOCUMENTS
GRANDVIEW RESERVE FILING NO. 1
4 SITE INVESTMENTS, LLC (D.R. HORTON)
SF-22-XXX
EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

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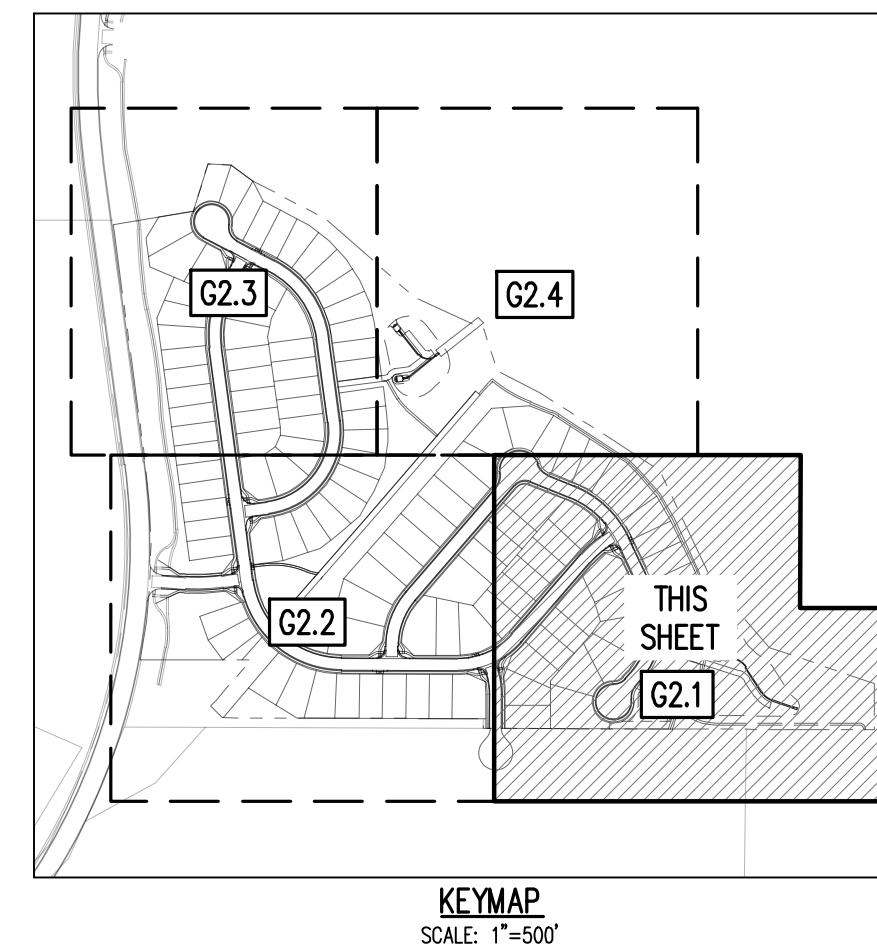
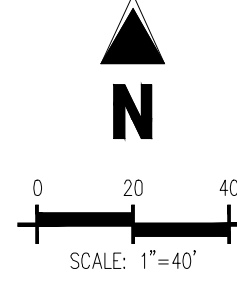
Project No: HRCJ02
Drawn By: JDM
Checked By: CMWJ
Date: 10/14/2022

INITIAL EROSION CONTROL PLAN

G1.4

Sheet 7 of 31

Label all slopes steeper than 3:1. Typical for all sheets.



Galloway
 1155 Kelly Johnson Blvd., Suite 305
 Colorado Springs, CO 80920
 719.900.7220
 GallowayUS.com

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D.R. HORTON
 America's Builder

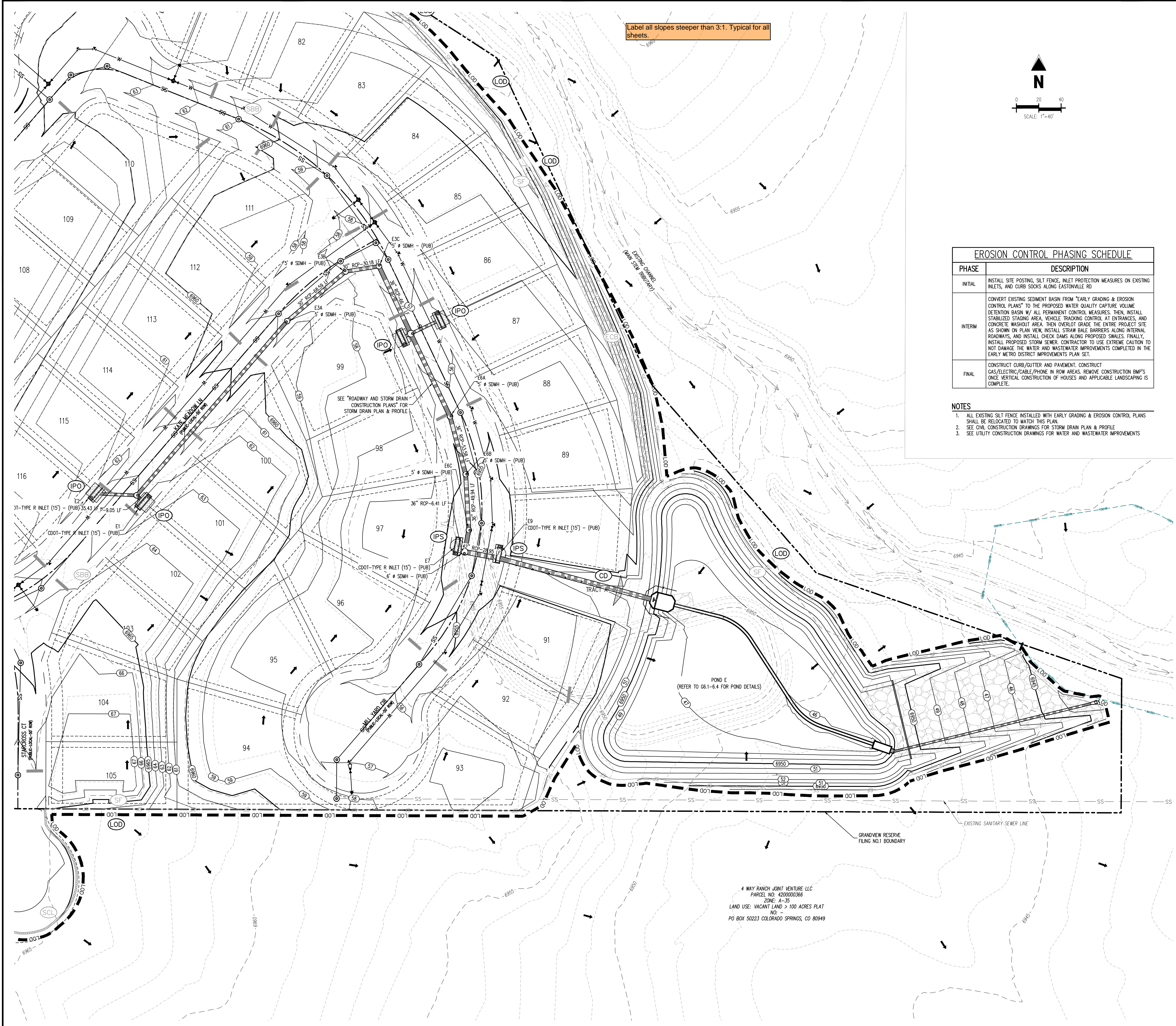
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EASTONVILLE RD & REX RD
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Project No: HRC02
 Drawn By: JDM
 Checked By: CMWJ
 Date: 10/14/2022

INTERIM EROSION CONTROL PLAN



EROSION CONTROL PHASING SCHEDULE

| PHASE | DESCRIPTION |
|---------|--|
| INITIAL | INSTALL SITE POSTING, SILT FENCE, INLET PROTECTION MEASURES ON EXISTING INLETS, AND CURB SOCKS ALONG EASTONVILLE RD |
| INTERIM | CONVERT EXISTING SEDIMENT BASIN FROM 'EARLY GRADING & EROSION CONTROL PLANS' TO THE PROPOSED WATER QUALITY CAPTURE VOLUME DETENTION BASIN W/ ALL PERMANENT CONTROL MEASURES. THEN, INSTALL STABILIZED STAGING AREA, VEHICLE TRACKING CONTROL AT ENTRANCES, AND CONCRETE WASHOUT AREA. THEN OVERLOT GRADE THE ENTIRE PROJECT SITE AS SHOWN ON PLAN VIEW, INSTALL STRAW BALE BARRIERS ALONG INTERNAL ROADWAYS, AND INSTALL CHECK DAMS ALONG PROPOSED SWALES. FINALLY, INSTALL PROPOSED STORM SEWER. CONTRACTOR TO USE EXTREME CAUTION TO NOT DAMAGE THE WATER AND WASTEWATER IMPROVEMENTS COMPLETED IN THE EARLY METRO DISTRICT IMPROVEMENTS PLAN SET. |
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- NOTES**
1. ALL EXISTING SILT FENCE INSTALLED WITH EARLY GRADING & EROSION CONTROL PLANS SHALL BE RELOCATED TO MATCH THIS PLAN.
 2. SEE CIVIL CONSTRUCTION DRAWINGS FOR STORM DRAIN PLAN & PROFILE.
 3. SEE UTILITY CONSTRUCTION DRAWINGS FOR WATER AND WASTEWATER IMPROVEMENTS

EROSION CONTROL LEGEND

- 5460 --- EXISTING MAJOR CONTOUR
- 52 --- EXISTING MINOR CONTOUR
- - - - - 5465 - - - - - PROPOSED MAJOR CONTOUR
- - - - - 66 - - - - - PROPOSED MINOR CONTOUR
- - - - - --- EXISTING STORM SEWER
- - - - - --- PROPOSED STORM SEWER
- - - - - --- PROPOSED RIDGE LINE
- - - - - --- PROPOSED SWALE LINE
- - - - - --- EXISTING SWALE LINE
- - - - - --- FLOODPLAIN BOUNDARY
- - - - - --- EXISTING FLOOD ZONE
- - - - - --- EXISTING FLOOD ZONE SETBACK
- FLOW ARROW
- PROPOSED GRAVEL PER EOM TABLE D-7
- LS ○ PERMANENT LANDSCAPING
- DD --- DIVERSION DITCH
- LOD --- LOD LIMITS OF DISTURBANCE/CONSTRUCTION
- VTC --- VEHICLE TRACKING CONTROL
- CWA --- CONCRETE WASHOUT AREA
- SSA --- STABILIZED STAGING AREA
- SM --- SEED AND MULCH
- SCL --- SEDIMENT CONTROL LOG
- IPS --- SUMP INLET PROTECTION (P-3)
- IPO --- ON-GRADE INLET PROTECTION (P-4)
- RS --- ROCK SOCKS
- SF --- SILT FENCE
- CF --- CONSTRUCTION FENCE
- SB --- SEDIMENT BASIN
- CD --- CHECK DAM
- ECB --- COMPOST BLANKET (APPROXIMATE)
- RR --- RIPRAP OUTFALL PADS
- PT --- PORTABLE TOILET
- SITE --- SITE POSTING (CONTACTS AND PERMITS)
- WP --- WASHOUT POSTING
- SBB --- STRAW BALE BARRIER
- XX --- EROSION MEASURE INSTALLED IN EARLIER PHASE
- XX --- PROPOSED EROSION MEASURE

BASIS OF BEARING
 THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY A 3-1/2" ALUMINUM SURVEYERS CAP STAMPED 'PSING LS 50087' AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

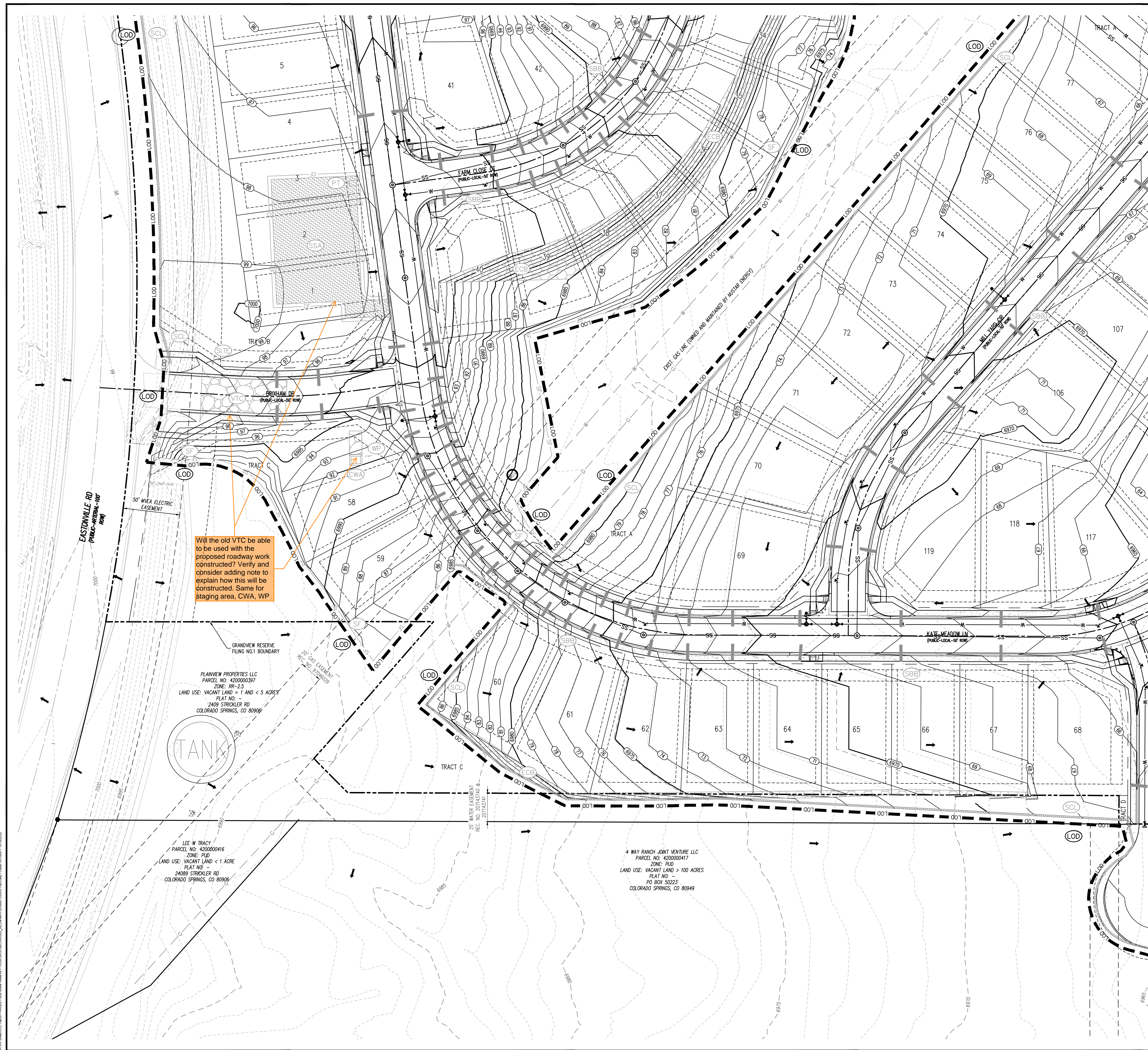
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 NGS BENCHMARK F 24
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 NAVD88 ELEVATION = 6866.33

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4 WAY RANCH JOINT VENTURE LLC
 PARCEL NO: 4200000366
 ZONE: A-35
 LAND USE: VACANT LAND > 100 ACRES PLAT
 NO. 1
 PO BOX 50223 COLORADO SPRINGS, CO 80949

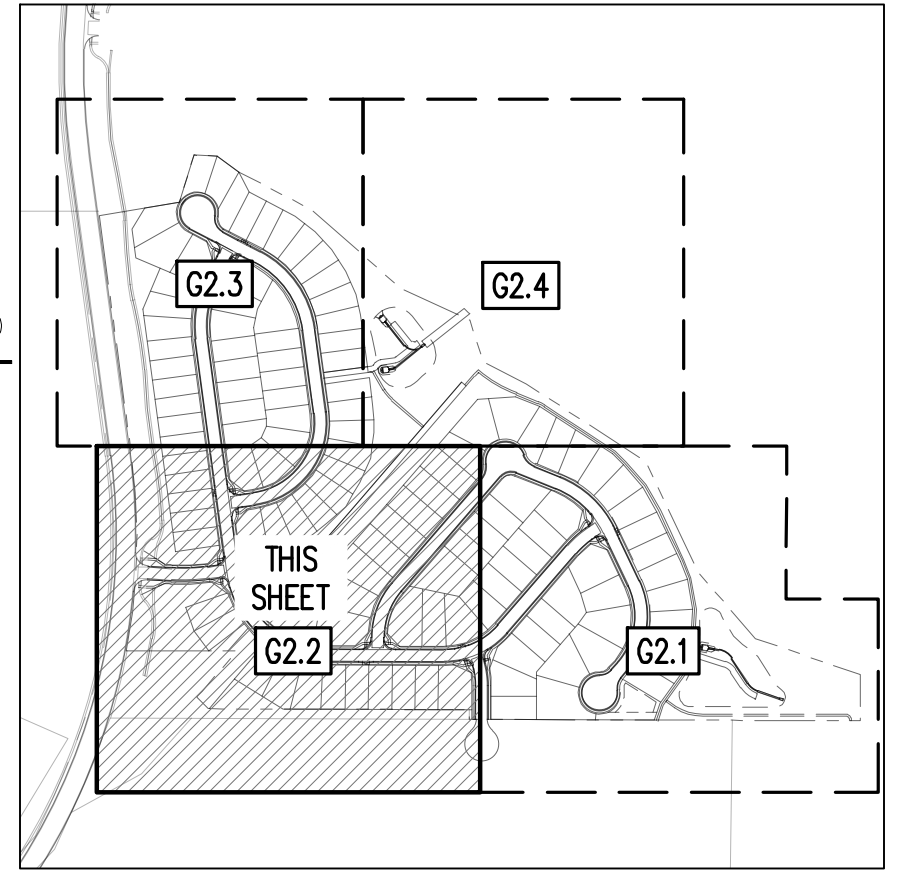
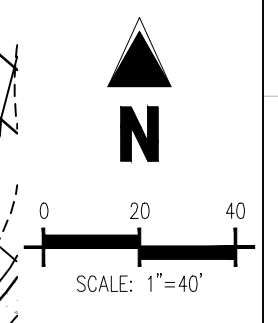


Will the old VTC be able to be used with the proposed roadway work constructed? Verify and consider adding note to explain how this will be constructed. Same for staging area, CWA, WP

PLAINVIEW PROPERTIES LLC
 PARCEL NO: 420000397
 ZONE: RR-2.5
 LAND USE: VACANT LAND - 1 AND < 5 ACRES
 PLAT NO: -
 2409 STRICKLER RD
 COLORADO SPRINGS, CO 80909

LEE W TRACY
 PARCEL NO: 4200000416
 ZONE: RUD
 LAND USE: VACANT LAND < 1 ACRE
 PLAT NO: -
 2409 STRICKLER RD
 COLORADO SPRINGS, CO 80909

4 WAY RANCH JOINT VENTURE LLC
 PARCEL NO: 4200000417
 ZONE: RUD
 LAND USE: VACANT LAND > 100 ACRES
 PLAT NO: -
 PO BOX 50223
 COLORADO SPRINGS, CO 80949



EROSION CONTROL LEGEND

5460 EXISTING MAJOR CONTOUR
 52 EXISTING MINOR CONTOUR
 5465 PROPOSED MAJOR CONTOUR
 66 PROPOSED MINOR CONTOUR
 EXISTING STORM SEWER
 PROPOSED STORM SEWER
 PROPOSED RIDGE LINE
 PROPOSED SWALE LINE
 EXISTING SWALE LINE
 FLOODPLAIN BOUNDARY
 EXISTING FLOOD ZONE
 EXISTING FLOOD ZONE SETBACK
 FLOW ARROW
 PROPOSED GRAVEL PER EOM TABLE D-7
 LS PERMANENT LANDSCAPING
 DD DIVERSION DITCH
 LOD LIMITS OF DISTURBANCE/CONSTRUCTION
 VTC VEHICLE TRACKING CONTROL
 CWA CONCRETE WASHOUT AREA
 SSA STABILIZED STAGING AREA
 SM SEED AND MULCH
 SCL SEDIMENT CONTROL LOG
 IPS SUMP INLET PROTECTION (P-3)
 IPO ON-GRADE INLET PROTECTION (P-4)
 RS ROCK SOCKS
 SF SILT FENCE
 CF CONSTRUCTION FENCE
 SB SEDIMENT BASIN
 CD CHECK DAM
 ECB COMPOST BLANKET (APPROXIMATE)
 RR RIPRAP OUTFALL PADS
 PT PORTABLE TOILET
 SITE SITE POSTING (CONTACTS AND PERMITS)
 WP WASHOUT POSTING
 SBB STRAW BALE BARRIER
 XX EROSION MEASURE INSTALLED IN EARLIER PHASE
 XX PROPOSED EROSION MEASURE

NOTES
 1. ALL EXISTING SILT FENCE, INSTALLED WITH EARLY GRADING & EROSION CONTROL PLANS SHALL BE RELOCATED TO MATCH THIS PLAN.

| EROSION CONTROL PHASING SCHEDULE | |
|----------------------------------|--|
| PHASE | DESCRIPTION |
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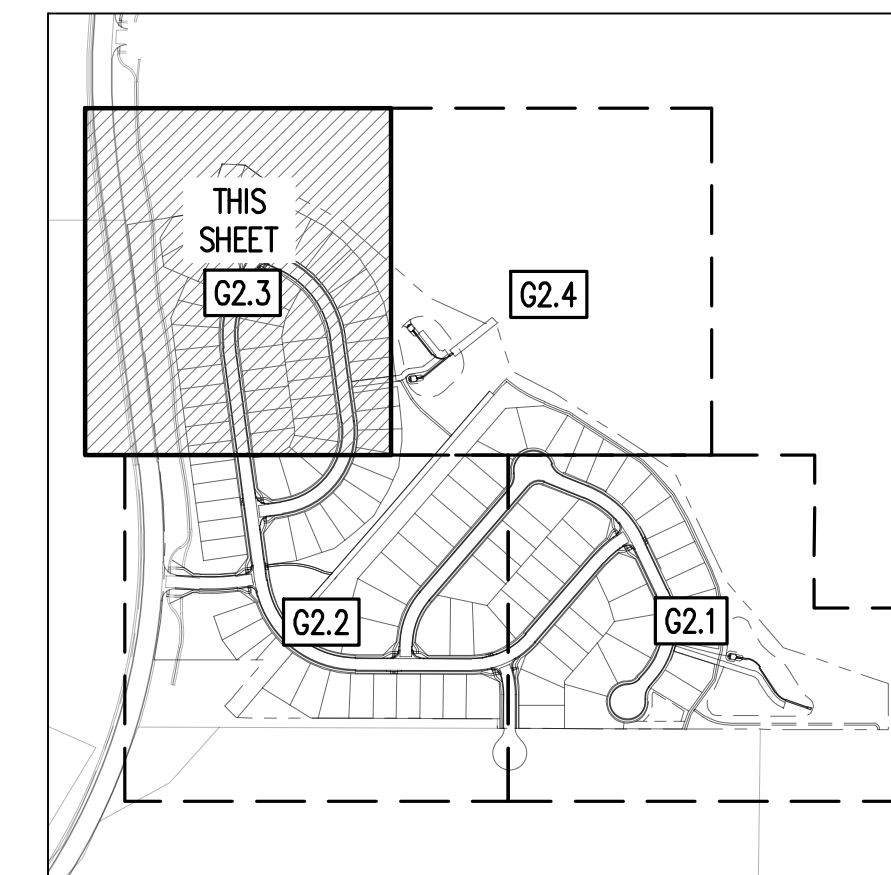
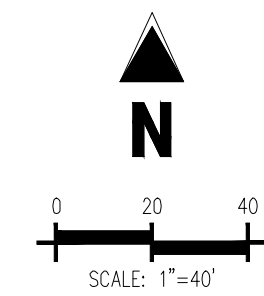
D.R.HORTON
America's Builder

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Project No: HRG02
 Drawn By: JDM
 Checked By: CMWJ
 Date: 10/14/2022

INTERIM EROSION CONTROL PLAN
G2.2
 Sheet 9 of 31



KEYMAP
SCALE: 1"=500'

EROSION CONTROL LEGEND

| | |
|--------|---|
| — 5460 | — EXISTING MAJOR CONTOUR |
| — 52 | — EXISTING MINOR CONTOUR |
| — 5465 | — PROPOSED MAJOR CONTOUR |
| — 52 | — PROPOSED MINOR CONTOUR |
| --- | --- EXISTING STORM SEWER |
| --- | --- PROPOSED STORM SEWER |
| --- | --- PROPOSED RIDGE LINE |
| --- | --- PROPOSED SWALE LINE |
| --- | --- EXISTING SWALE LINE |
| --- | --- FLOODPLAIN BOUNDARY |
| --- | --- EXISTING FLOOD ZONE |
| --- | --- EXISTING FLOOD ZONE SETBACK |
| → | → FLOW ARROW |
| | PROPOSED GRAVEL PER EOM TABLE D-7 |
| | LS PERMANENT LANDSCAPING |
| | DD DIVERSION DITCH |
| - - - | LOD LIMITS OF DISTURBANCE/CONSTRUCTION |
| | VTC VEHICLE TRACKING CONTROL |
| | CWA CONCRETE WASHOUT AREA |
| | SSA STABILIZED STAGING AREA |
| | SM SEED AND MULCH |
| | SCL SEDIMENT CONTROL LOG |
| | IPS SUMP INLET PROTECTION (P-3) |
| | IPO ON-GRADE INLET PROTECTION (P-4) |
| | RS ROCK SOCKS |
| | SF SILT FENCE |
| | CF CONSTRUCTION FENCE |
| | SB SEDIMENT BASIN |
| | CD CHECK DAM |
| | ECB COMPOST BLANKET (APPROXIMATE) |
| | RR RIPRAP OUTFALL PADS |
| | PT PORTABLE TOILET |
| | SITE SITE POSTING (CONTACTS AND PERMITS) |
| | WP WASHOUT POSTING |
| | SBB STRAW BALE BARRIER |
| | XX EROSION MEASURE INSTALLED IN EARLIER PHASE |
| | XX PROPOSED EROSION MEASURE |

NOTES

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EROSION CONTROL PHASING SCHEDULE

| PHASE | DESCRIPTION |
|---------|---|
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NAVD88 ELEVATION = 6866.33

CAUTION - NOTICE TO CONTRACTOR

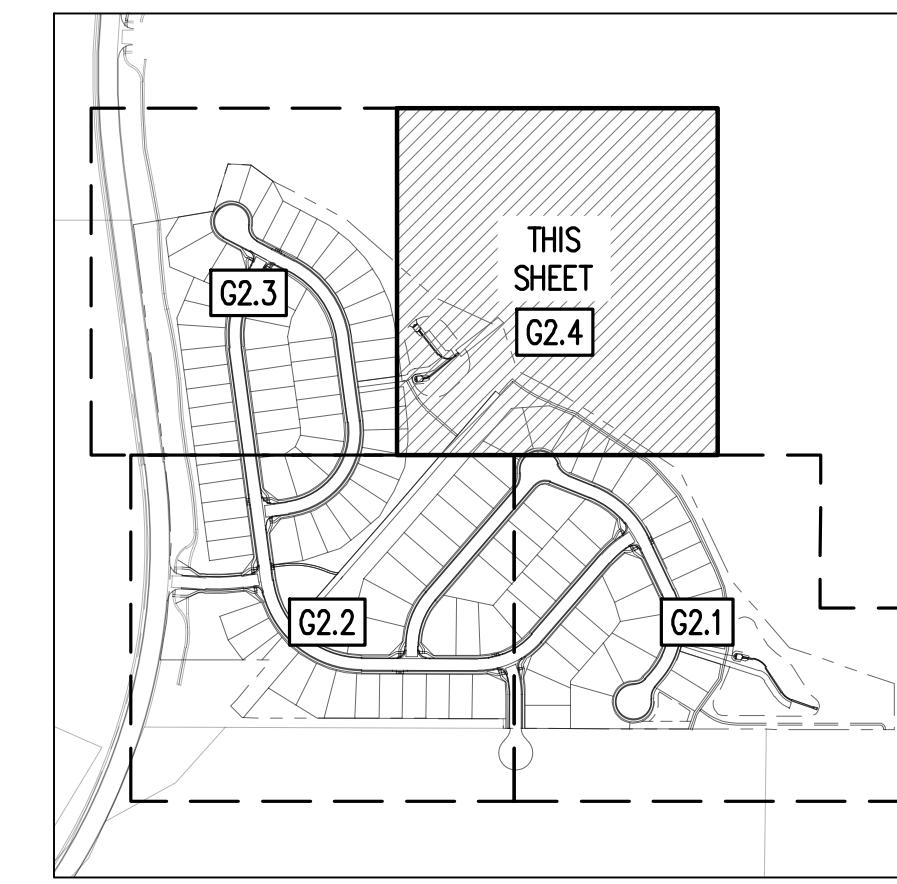
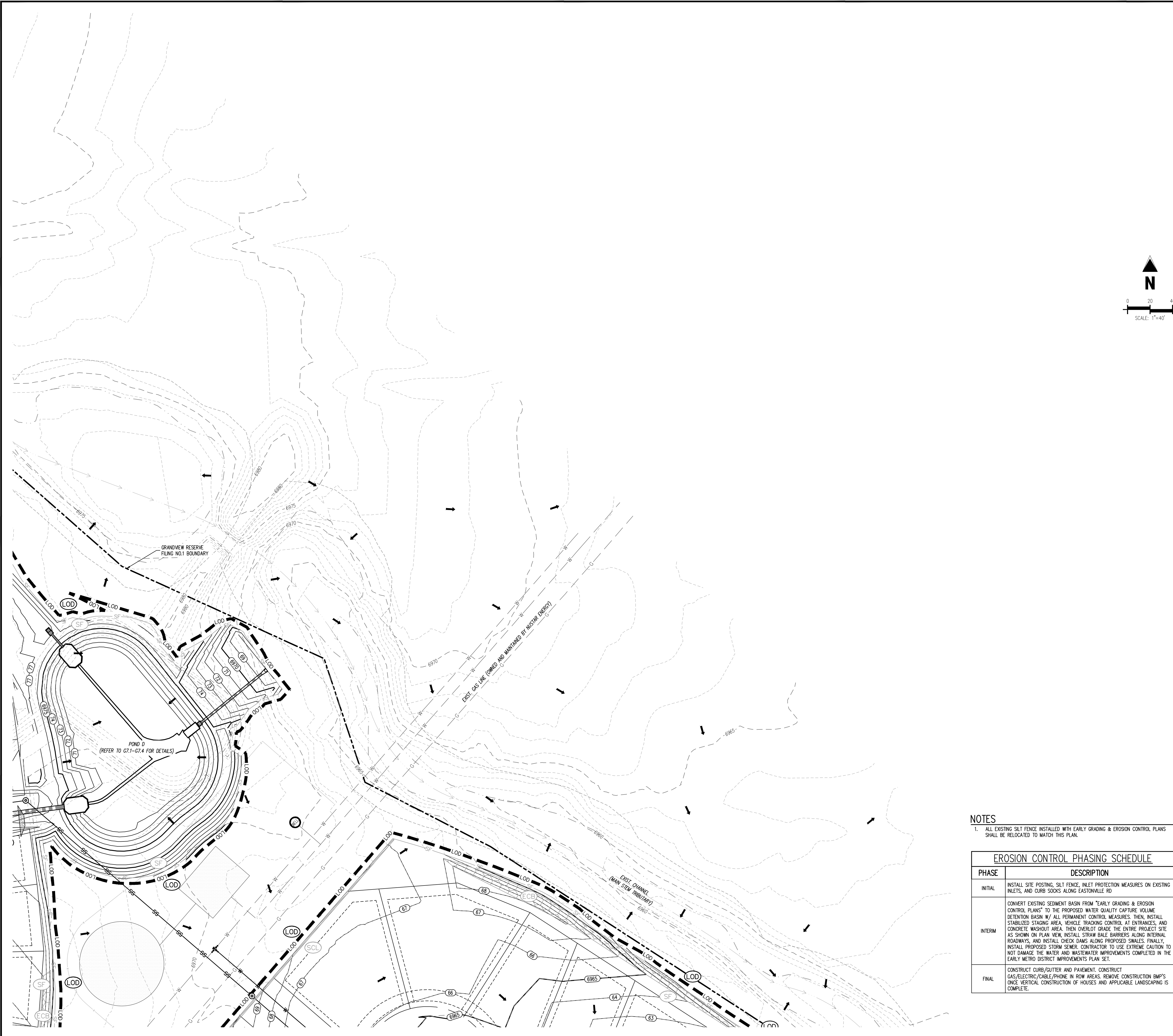
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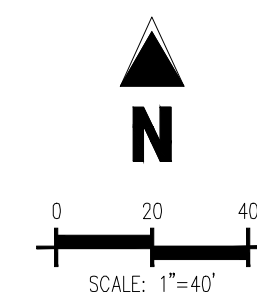
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| Project No: | HRG02 |
| Drawn By: | JDM |
| Checked By: | CMWJ |
| Date: | 10/14/2022 |

INTERIM EROSION CONTROL PLAN



KEYMAP
SCALE: 1"=500'



EROSION CONTROL LEGEND

- 5460 --- EXISTING MAJOR CONTOUR
- 52 --- EXISTING MINOR CONTOUR
- 5465- PROPOSED MAJOR CONTOUR
- 66- PROPOSED MINOR CONTOUR
- -- EXISTING STORM SEWER
- -- PROPOSED STORM SEWER
- -- PROPOSED RIDGE LINE
- -- PROPOSED SWALE LINE
- -- EXISTING SWALE LINE
- -- FLOODPLAIN BOUNDARY
- -- EXISTING FLOOD ZONE
- -- EXISTING FLOOD ZONE SETBACK
- FLOW ARROW
- [Pattern] PROPOSED GRAVEL PER EGM TABLE 0-7
- [Circle with LS] (LS) PERMANENT LANDSCAPING
- [Circle with DD] (DD) DIVERSION DITCH
- [Dashed line] - - - LOD - - - LIMITS OF DISTURBANCE/CONSTRUCTION
- [Pattern] (VTC) VEHICLE TRACKING CONTROL
- [Pattern] (CWA) CONCRETE WASHOUT AREA
- [Pattern] (SSA) STABILIZED STAGING AREA
- [Pattern] (SM) SEED AND MULCH
- [Pattern] (SCL) SEDIMENT CONTROL LOG
- [Circle with IPS] (IPS) SUMP INLET PROTECTION (P-3)
- [Circle with IPD] (IPD) ON-GRADE INLET PROTECTION (P-4)
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- [Circle with SF] (SF) SILT FENCE
- [Circle with CF] (CF) CONSTRUCTION FENCE
- [Circle with SB] (SB) SEDIMENT BASIN
- [Circle with CD] (CD) CHECK DAM
- [Circle with ECB] (ECB) COMPOST BLANKET (APPROXIMATE)
- [Circle with RR] (RR) RIPRAP OUTFALL PADS
- [Circle with PT] (PT) PORTABLE TOILET
- [Circle with SITE] (SITE) SITE POSTING (CONTACTS AND PERMITS)
- [Circle with WP] (WP) WASHOUT POSTING
- [Circle with SBB] (SBB) STRAW BALE BARRIER
- (XX) EROSION MEASURE INSTALLED IN EARLIER PHASE
- (XX) PROPOSED EROSION MEASURE

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| INTERM | CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO THE PROPOSED WATER QUALITY CAPTURE VOLUME DETENTION BASIN W/ ALL PERMANENT CONTROL MEASURES. THEN, INSTALL STABILIZED STAGING AREA, VEHICLE TRACKING CONTROL AT ENTRANCES, AND CONCRETE WASHOUT AREA. THEN OVERLOFT GRADE THE ENTIRE PROJECT SITE AS SHOWN ON PLAN VIEW. INSTALL STRAW BALE BARRIERS ALONG INTERNAL ROADWAYS, AND INSTALL CHECK DAMS ALONG PROPOSED SWALES. FINALLY, INSTALL PROPOSED STORM SEWER. CONTRACTOR TO USE EXTREME CAUTION TO NOT DAMAGE THE WATER AND WASTEWATER IMPROVEMENTS COMPLETED IN THE EARLY METRO DISTRICT IMPROVEMENTS PLAN SET. |
| FINAL | CONSTRUCT CURB/GUTTER AND PAVEMENT. CONSTRUCT GAS/ELECTRIC/CABLE/PHONE IN ROW AREAS. REMOVE CONSTRUCTION BMP'S ONCE VERTICAL CONSTRUCTION OF HOUSES AND APPLICABLE LANDSCAPING IS COMPLETE. |

BASIS OF BEARING

THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY 3-3/4" ALUMINUM SURVEYORS CAP STAMPED "P5ING LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK

NIS BENCHMARK F 24
A STANDARD DISK STAMPED F 24 1929 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 6 INCHES ABOVE GROUND. ALONG THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD, 52 FEET NORTHWEST OF THE CENTERLINE OF U.S. HIGHWAY 24, 48 FEET SOUTHEAST OF THE CENTERLINE OF THE TRACK.
NAVD88 ELEVATION = 6866.33

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY GROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



Galloway

1155 Kelly Johnson Blvd., Suite 305
Colorado Springs, CO 80920
719.900.7220
GallowayUS.com

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D.R. HORTON
America's Builder

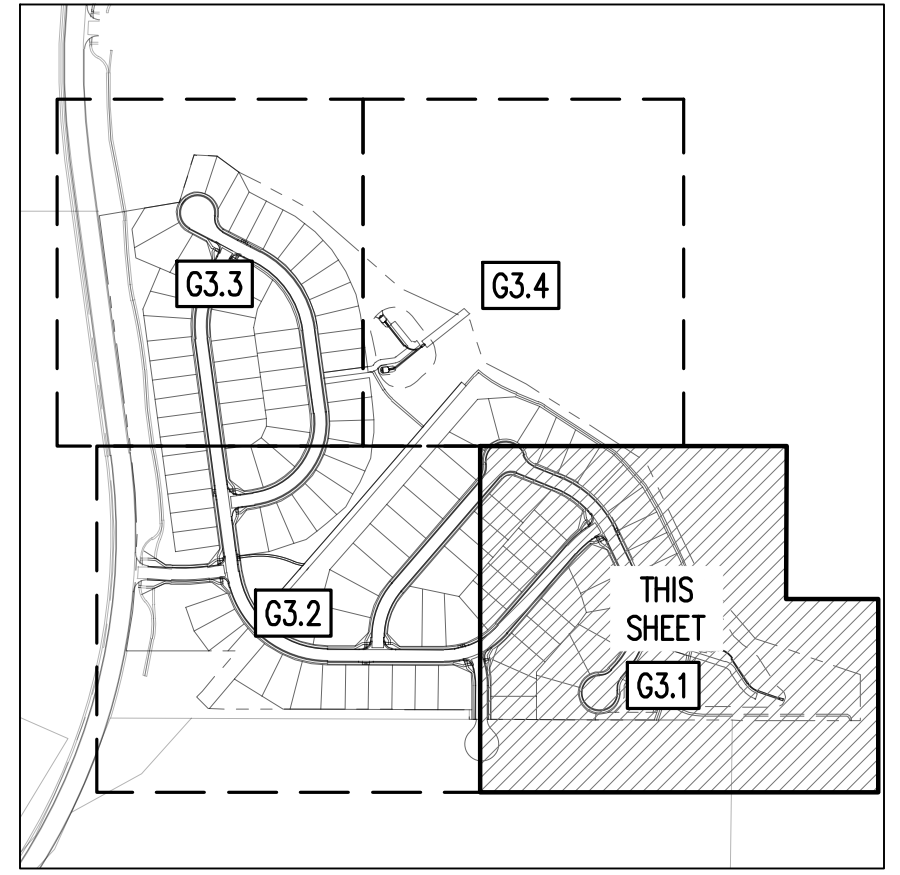
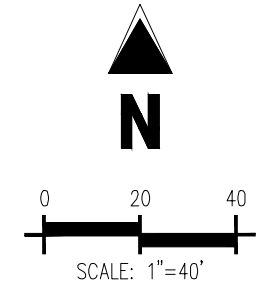
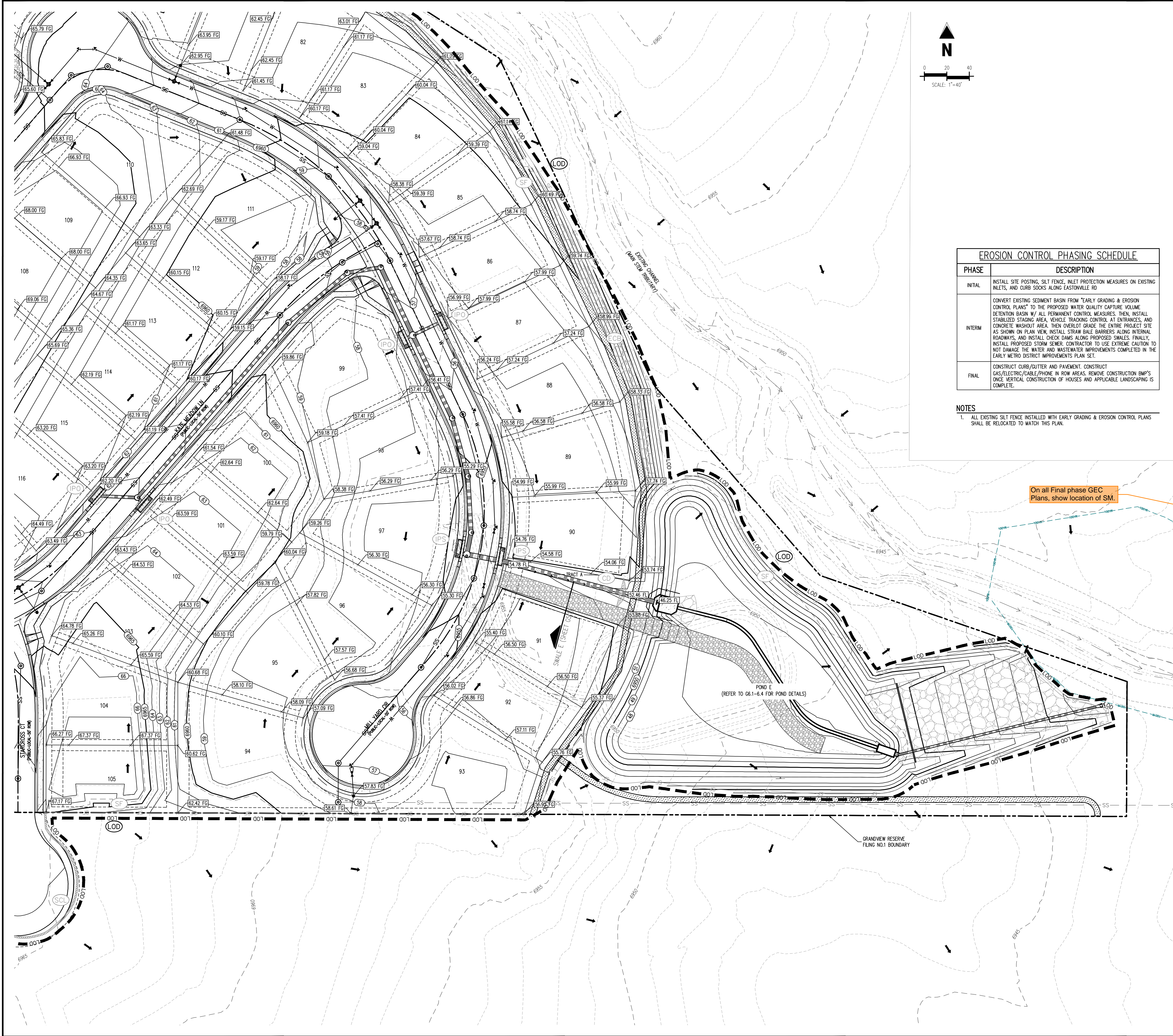
CONSTRUCTION DOCUMENTS
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SF-22-XXX

EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

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Project No: HRG02
Drawn By: JDM
Checked By: CMWJ
Date: 10/14/2022

INTERIM EROSION CONTROL PLAN



KEYMAP
SCALE: 1"=500'

| EROSION CONTROL PHASING SCHEDULE | |
|----------------------------------|--|
| PHASE | DESCRIPTION |
| INITIAL | INSTALL SITE POSTING, SILT FENCE, INLET PROTECTION MEASURES ON EXISTING INLETS, AND CURB SOCKS ALONG EASTONVILLE RD |
| INTERIM | CONVERT EXISTING SEDIMENT BASIN FROM 'EARLY GRADING & EROSION CONTROL PLANS' TO THE PROPOSED WATER QUALITY CAPTURE VOLUME DETENTION BASIN W/ ALL PERMANENT CONTROL MEASURES. THEN, INSTALL STABILIZED STAGING AREA, VEHICLE TRACKING CONTROL AT ENTRANCES, AND CONCRETE WASHOUT AREA. THEN OVERLOT GRADE THE ENTIRE PROJECT SITE AS SHOWN ON PLAN VIEW, INSTALL STRAW BALE BARRIERS ALONG INTERNAL ROADWAYS, AND INSTALL CHECK DAMS ALONG PROPOSED SWALES. FINALLY, INSTALL PROPOSED STORM SEWER. CONTRACTOR TO USE EXTREME CAUTION TO NOT DAMAGE THE WATER AND WASTEWATER IMPROVEMENTS COMPLETED IN THE EARLY METRO DISTRICT IMPROVEMENTS PLAN SET. |
| FINAL | CONSTRUCT CURB/GUTTER AND PAVEMENT. CONSTRUCT GAS/ELECTRIC/CABLE/PHONE IN ROW AREAS. REMOVE CONSTRUCTION BMP'S ONCE VERTICAL CONSTRUCTION OF HOUSES AND APPLICABLE LANDSCAPING IS COMPLETE. |

NOTES
1. ALL EXISTING SILT FENCE INSTALLED WITH EARLY GRADING & EROSION CONTROL PLANS SHALL BE RELOCATED TO MATCH THIS PLAN.

| EROSION CONTROL LEGEND | |
|------------------------|--|
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING STORM SEWER |
| | PROPOSED STORM SEWER |
| | PROPOSED RIDGE LINE |
| | PROPOSED SWALE LINE |
| | EXISTING SWALE LINE |
| | FLOODPLAIN BOUNDARY |
| | EXISTING FLOOD ZONE |
| | EXISTING FLOOD ZONE SETBACK |
| | FLOW ARROW |
| | PROPOSED GRAVEL PER EGM TABLE 0-7 |
| | PERMANENT LANDSCAPING |
| | DIVERSION DITCH |
| | LOD LIMITS OF DISTURBANCE/CONSTRUCTION |
| | VEHICLE TRACKING CONTROL |
| | CONCRETE WASHOUT AREA |
| | STABILIZED STAGING AREA |
| | SEED AND MULCH |
| | SEDIMENT CONTROL LOG |
| | SUMP INLET PROTECTION (P-3) |
| | ON-GRADE INLET PROTECTION (P-4) |
| | ROCK SOCKS |
| | SILT FENCE |
| | CONSTRUCTION FENCE |
| | SEDIMENT BASIN |
| | CHECK DAM |
| | COMPOST BLANKET (APPROXIMATE) |
| | RIPRAP OUTFALL PADS |
| | PORTABLE TOILET |
| | SITE POSTING (CONTACTS AND PERMITS) |
| | WASHOUT POSTING |
| | STRAW BALE BARRIER |
| | EROSION MEASURE INSTALLED IN EARLIER PHASE |
| | PROPOSED EROSION MEASURE |

On all Final phase GEC Plans, show location of SM.

BASIS OF BEARING
THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY A 3-1/4" ALUMINUM SURVEYERS CAP STAMPED "PACING LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

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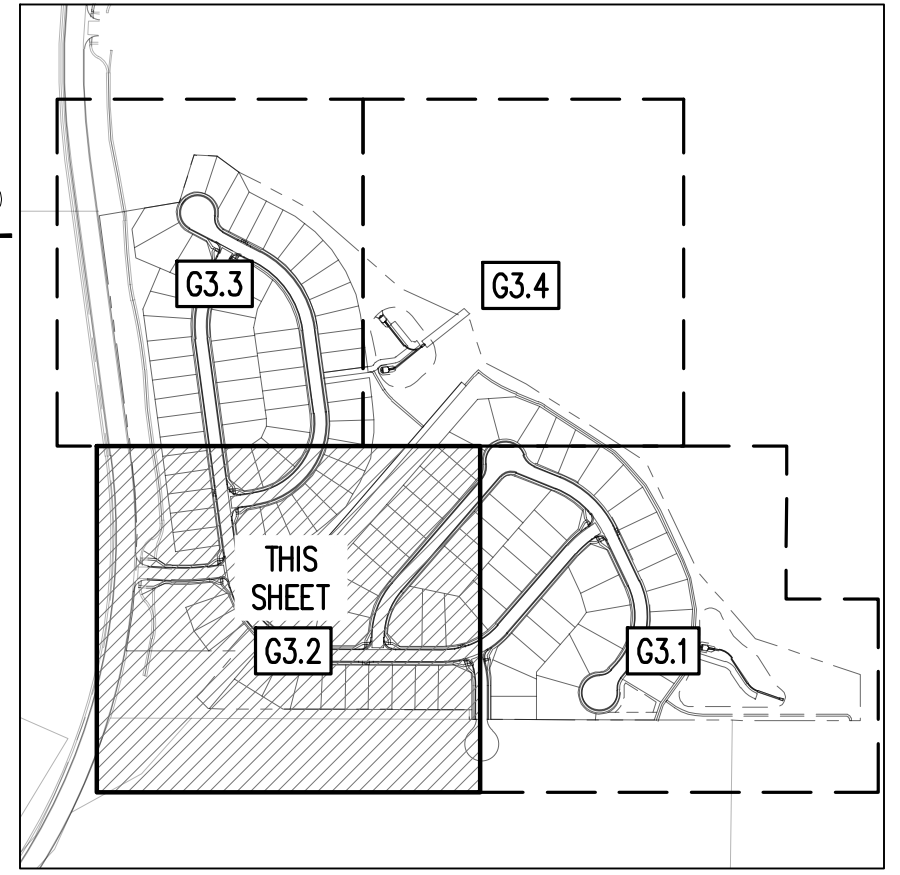
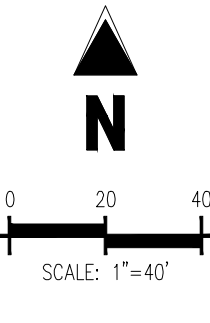
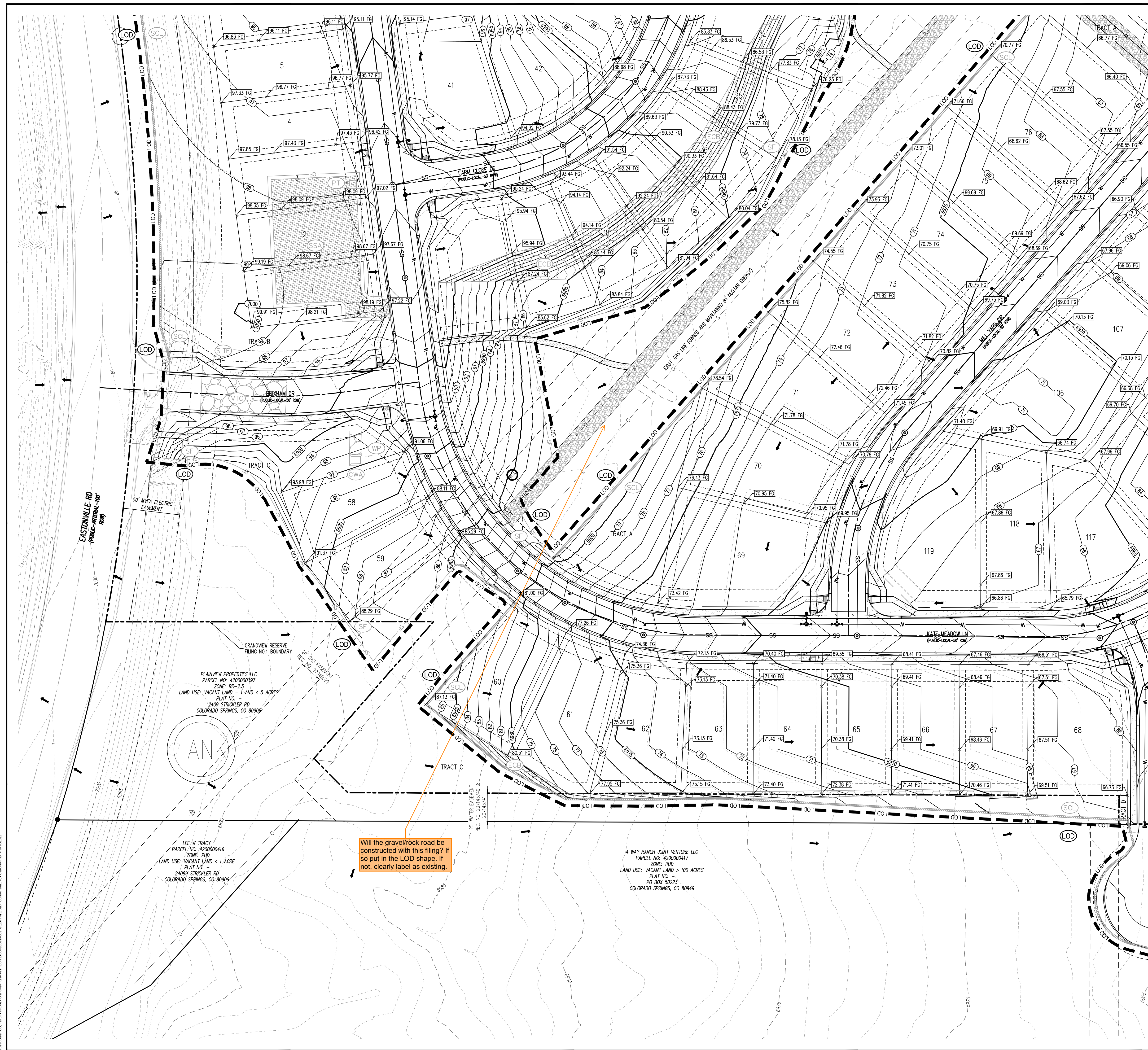
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Project No: HRC02
Drawn By: JDM
Checked By: CMWJ
Date: 10/14/2022

FINAL EROSION CONTROL PLAN



- EROSION CONTROL LEGEND**
- 5460 --- EXISTING MAJOR CONTOUR
 - 52 --- EXISTING MINOR CONTOUR
 - 5465 --- PROPOSED MAJOR CONTOUR
 - 66 --- PROPOSED MINOR CONTOUR
 - - - - - EXISTING STORM SEWER
 - - - - - PROPOSED STORM SEWER
 - - - - - PROPOSED RIDGE LINE
 - - - - - PROPOSED SWALE LINE
 - - - - - EXISTING SWALE LINE
 - - - - - FLOODPLAIN BOUNDARY
 - - - - - EXISTING FLOOD ZONE
 - - - - - EXISTING FLOOD ZONE SETBACK
 - FLOW ARROW
 - PROPOSED GRAVEL PER EOM TABLE D-7
 - LS PERMANENT LANDSCAPING
 - DD DIVERSION DITCH
 - - - - - LOD LIMITS OF DISTURBANCE/CONSTRUCTION
 - VTC VEHICLE TRACKING CONTROL
 - CWA CONCRETE WASHOUT AREA
 - SSA STABILIZED STAGING AREA
 - SM SEED AND MULCH
 - SCL SEDIMENT CONTROL LOG
 - IPS SUMP INLET PROTECTION (IP-3)
 - IPO ON-GRADE INLET PROTECTION (IP-4)
 - RS ROCK SOCKS
 - SF SILT FENCE
 - CF CONSTRUCTION FENCE
 - SB SEDIMENT BASIN
 - CD CHECK DAM
 - ECB COMPOST BLANKET (APPROXIMATE)
 - RR RIPRAP OUTFALL PADS
 - PT PORTABLE TOILET
 - SITE SITE POSTING (CONTACTS AND PERMITS)
 - WP WASHOUT POSTING
 - SBB STRAW BALE BARRIER
 - XX EROSION MEASURE INSTALLED IN EARLIER PHASE
 - XX PROPOSED EROSION MEASURE

NOTES

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| EROSION CONTROL PHASING SCHEDULE | |
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| PHASE | DESCRIPTION |
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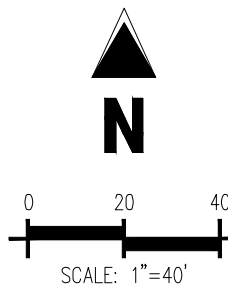
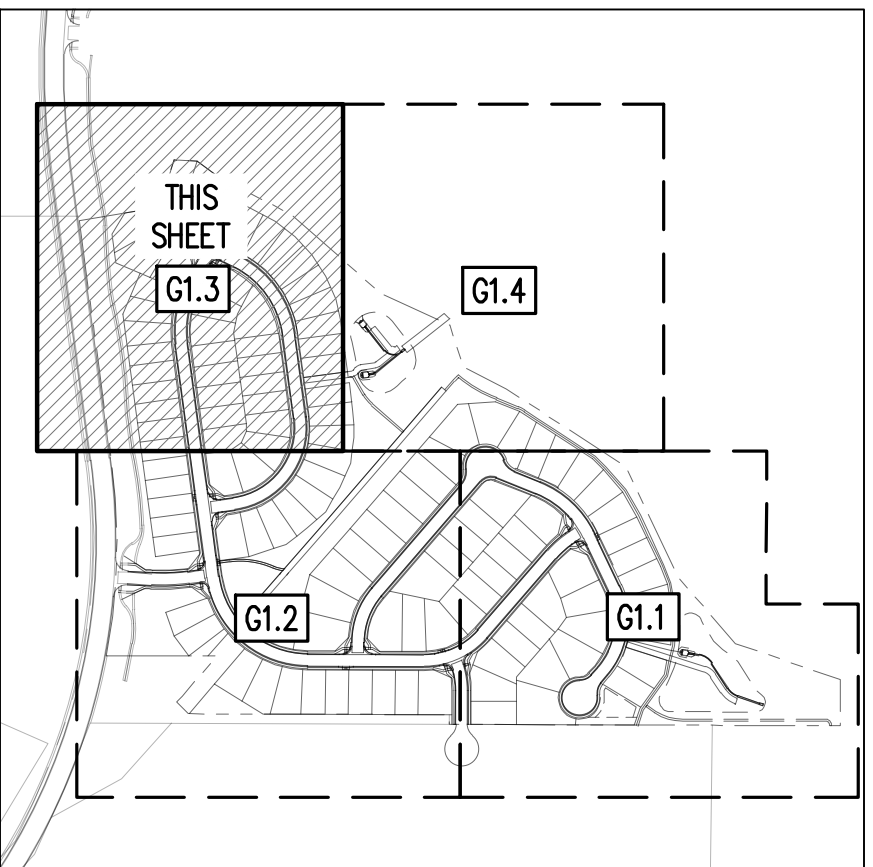
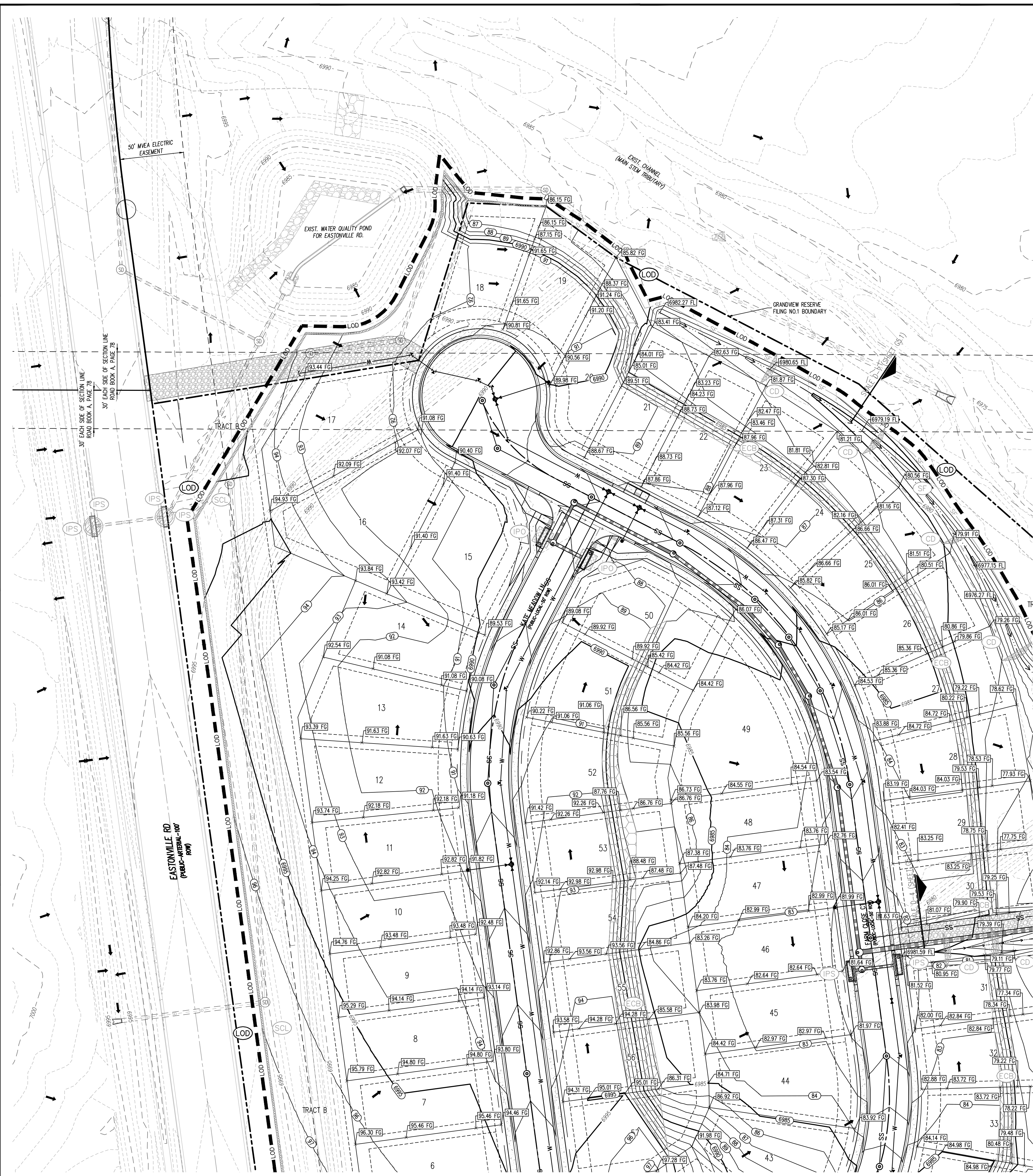
CONSTRUCTION DOCUMENTS
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 SF-22-XXX

EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

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Project No: HRG02
 Drawn By: JDM
 Checked By: CMWJ
 Date: 10/14/2022

FINAL EROSION CONTROL PLAN



EROSION CONTROL LEGEND

- 5460 --- EXISTING MAJOR CONTOUR
- 52 --- EXISTING MINOR CONTOUR
- 5465 --- PROPOSED MAJOR CONTOUR
- 66 --- PROPOSED MINOR CONTOUR
- --- EXISTING STORM SEWER
- --- PROPOSED STORM SEWER
- --- PROPOSED RIDGE LINE
- --- PROPOSED SWALE LINE
- --- EXISTING SWALE LINE
- --- FLOODPLAIN BOUNDARY
- --- EXISTING FLOOD ZONE
- --- EXISTING FLOOD ZONE SETBACK
- --- FLOW ARROW
- --- PROPOSED GRAVEL PER EGM TABLE 0-7
- --- (LS) PERMANENT LANDSCAPING
- --- (DD) DIVERSION DITCH
- --- LOD (LOD) LIMITS OF DISTURBANCE/CONSTRUCTION
- --- (VTC) VEHICLE TRACKING CONTROL
- --- (CWA) CONCRETE WASHOUT AREA
- --- (SSA) STABILIZED STAGING AREA
- --- (SM) SEED AND MULCH
- --- (SCL) SEDIMENT CONTROL LOG
- --- (IPS) SUMP INLET PROTECTION (P-3)
- --- (IPD) ON-GRADE INLET PROTECTION (P-4)
- --- (RS) ROCK SOCKS
- --- (SF) SILT FENCE
- --- (CF) CONSTRUCTION FENCE
- --- (SB) SEDIMENT BASIN
- --- (CD) CHECK DAM
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- --- (RR) RIPRAP OUTFALL PADS
- --- (PT) PORTABLE TOILET
- --- (SITE) SITE POSTING (CONTACTS AND PERMITS)
- --- (WP) WASHOUT POSTING
- --- (SBB) STRAW BALE BARRIER
- --- (XX) EROSION MEASURE INSTALLED IN EARLIER PHASE
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| PHASE | DESCRIPTION |
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Project No: HRG02
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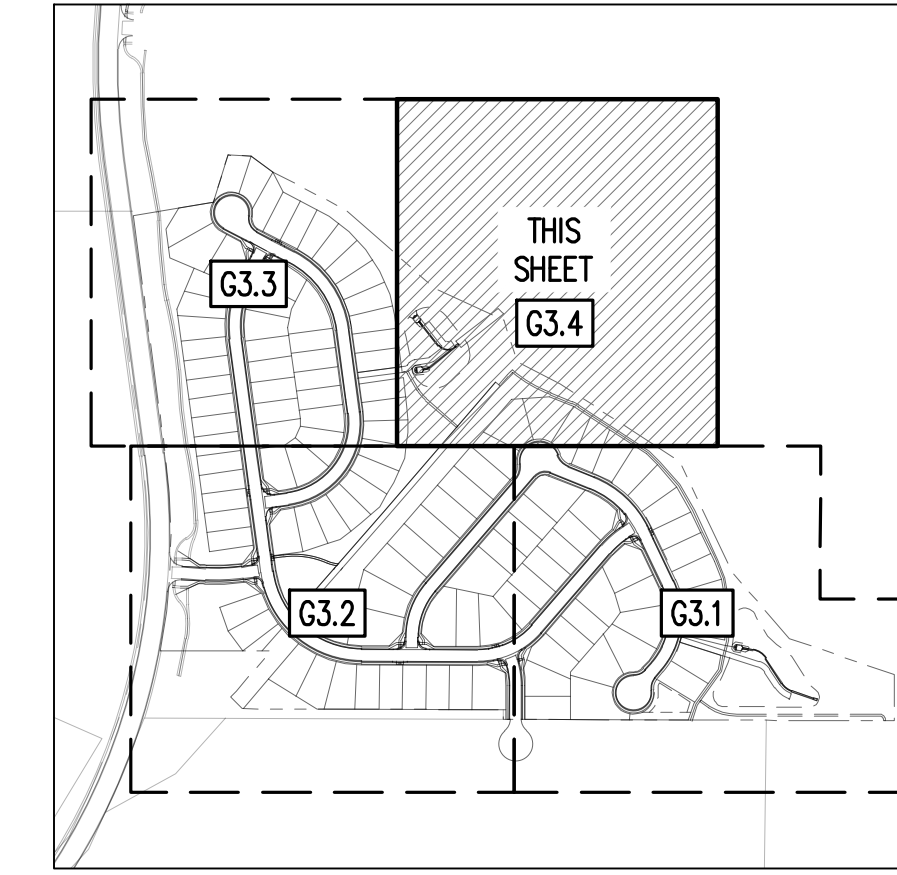
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Project No: HRG02
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FINAL EROSION CONTROL PLAN

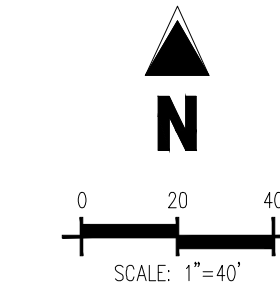
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 Sheet 15 of 31



KEYMAP
 SCALE: 1"=500'

EROSION CONTROL LEGEND

| | |
|--|--|
| | EXISTING MAJOR CONTOUR |
| | EXISTING MINOR CONTOUR |
| | PROPOSED MAJOR CONTOUR |
| | PROPOSED MINOR CONTOUR |
| | EXISTING STORM SEWER |
| | PROPOSED STORM SEWER |
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| | ROCK SOCKS |
| | SILT FENCE |
| | CONSTRUCTION FENCE |
| | SEDIMENT BASIN |
| | CHECK DAM |
| | COMPOST BLANKET (APPROXIMATE) |
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| | PORTABLE TOILET |
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| | WASHOUT POSTING |
| | STRAW BALE BARRIER |
| | EROSION MEASURE INSTALLED IN EARLIER PHASE |
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NIS BENCHMARK F 24 A STANDARD DISK STAMPED F 24 1929 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 6 INCHES ABOVE GROUND, ALONG THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD, 52 FEET NORTHWEST OF THE CENTERLINE OF U.S. HIGHWAY 24, 48 FEET SOUTHEAST OF THE CENTERLINE OF THE TRACK. NAVD88 ELEVATION = 6866.33

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

2. WHERE A PROPOSED UTILITY GROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



NOTES

1. ALL EXISTING SILT FENCE INSTALLED WITH EARLY GRADING & EROSION CONTROL PLANS SHALL BE RELOCATED TO MATCH THIS PLAN.

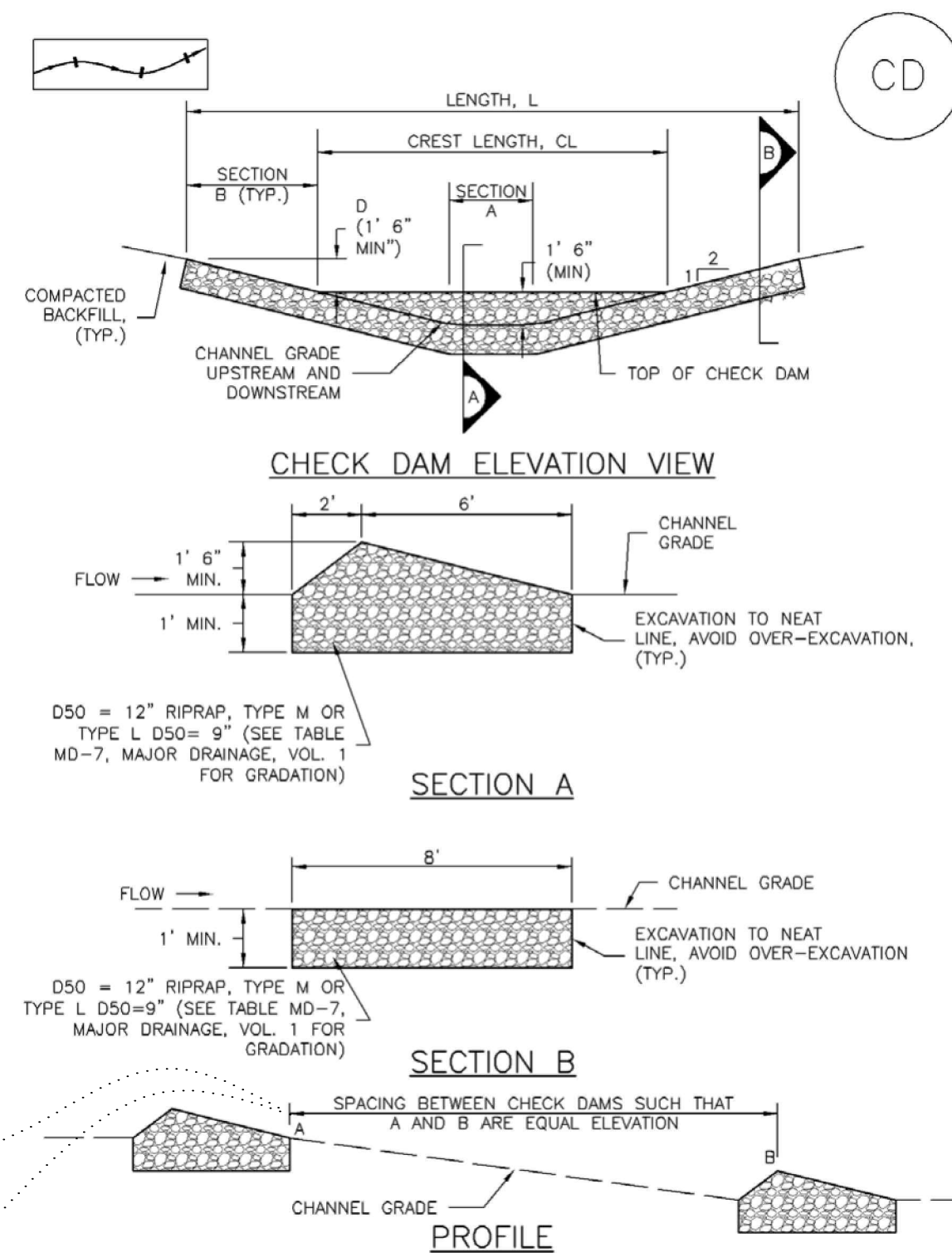
EROSION CONTROL PHASING SCHEDULE

| PHASE | DESCRIPTION |
|---------|---|
| INITIAL | INSTALL SITE POSTING, SILT FENCE, INLET PROTECTION MEASURES ON EXISTING INLETS, AND CURB SOCKS ALONG EASTONVILLE RD |
| INTERIM | CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO THE PROPOSED WATER QUALITY CAPTURE VOLUME DETENTION BASIN W/ ALL PERMANENT CONTROL MEASURES. THEN, INSTALL STABILIZED STAGING AREA, VEHICLE TRACKING CONTROL AT ENTRANCES, AND CONCRETE WASHOUT AREA. THEN OVERLOFT GRADE THE ENTIRE PROJECT SITE AS SHOWN ON PLAN VIEW. INSTALL STRAW BALE BARRIERS ALONG INTERNAL ROADWAYS, AND INSTALL CHECK DAMS ALONG PROPOSED SWALES. FINALLY, INSTALL PROPOSED STORM SEWER. CONTRACTOR TO USE EXTREME CAUTION TO NOT DAMAGE THE WATER AND WASTEWATER IMPROVEMENTS COMPLETED IN THE EARLY METRO DISTRICT IMPROVEMENTS PLAN SET. |
| FINAL | CONSTRUCT CURBS/GUTTER AND PAVEMENT. CONSTRUCT GAS/ELECTRIC/CABLE/PHONE IN ROW AREAS. REMOVE CONSTRUCTION BMP'S ONCE VERTICAL CONSTRUCTION OF HOUSES AND APPLICABLE LANDSCAPING IS COMPLETE. |



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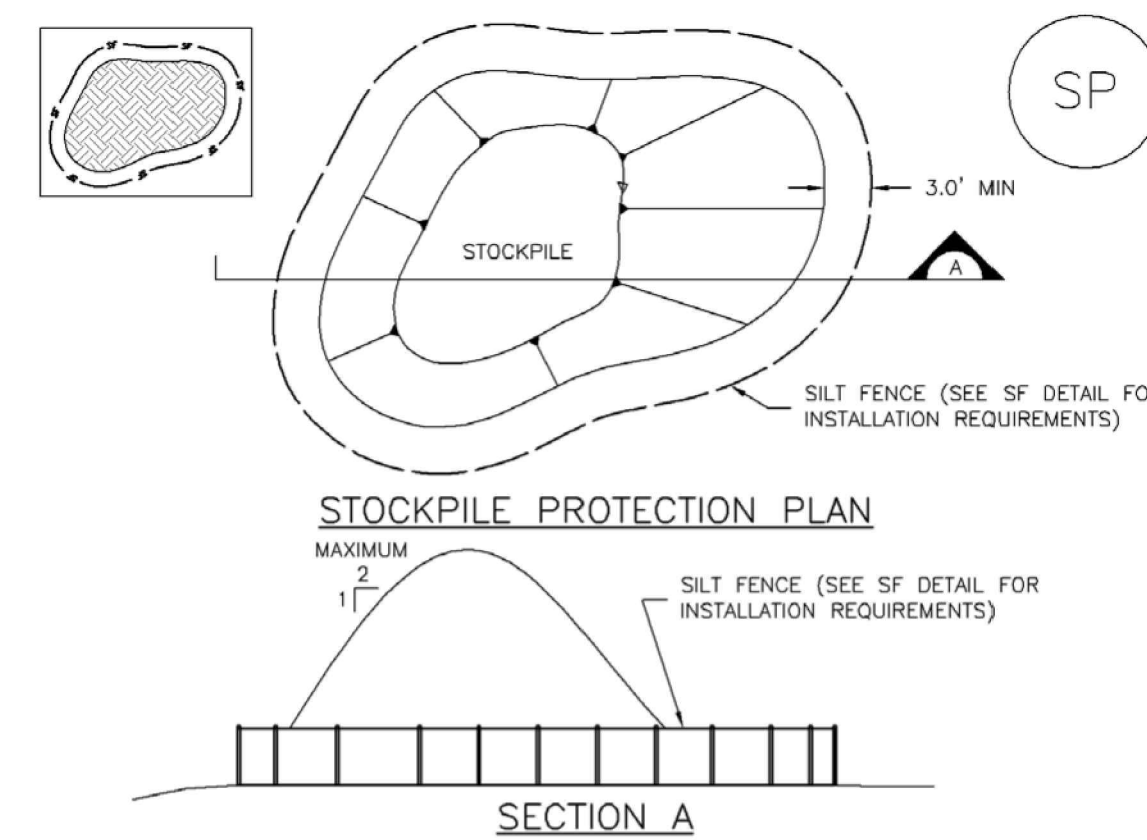
Check Dams (CD) EC-12



| SLOPE OF DITCH FLOW LINE | SPACING (FT) (H = 1.5 FT) |
|--------------------------|---------------------------|
| 1% | 150.00 |
| 2% | 75.00 |
| 3% | 50.00 |
| 4% | 37.50 |
| 5% | 30.00 |
| 6% | 25.00 |
| 7% | 21.50 |
| 8% | 18.75 |

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CD-3

Stockpile Management (SP) MM-2



- STOCKPILE PROTECTION INSTALLATION NOTES**
1. SEE PLAN VIEW FOR:
 -LOCATION OF STOCKPILES.
 -TYPE OF STOCKPILE PROTECTION.
 2. INSTALL PERIMETER CONTROLS IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS. SILT FENCE IS SHOWN IN THE STOCKPILE PROTECTION DETAILS; HOWEVER, OTHER TYPES OF PERIMETER CONTROLS INCLUDING SEDIMENT CONTROL LOGS OR ROCK SOCKS MAY BE SUITABLE IN SOME CIRCUMSTANCES. CONSIDERATIONS FOR DETERMINING THE APPROPRIATE TYPE OF PERIMETER CONTROL FOR A STOCKPILE INCLUDE WHETHER THE STOCKPILE IS LOCATED ON A PERVIOUS OR IMPERVIOUS SURFACE, THE RELATIVE HEIGHTS OF THE PERIMETER CONTROL AND STOCKPILE, THE ABILITY OF THE PERIMETER CONTROL TO CONTAIN THE STOCKPILE WITHOUT FAILING IN THE EVENT THAT MATERIAL FROM THE STOCKPILE SHIFTS OR SLUMPS AGAINST THE PERIMETER, AND OTHER FACTORS.
 3. STABILIZE THE STOCKPILE SURFACE WITH SURFACE ROUGHENING, TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS. SOILS STOCKPILED FOR AN EXTENDED PERIOD (TYPICALLY FOR MORE THAN 60 DAYS) SHOULD BE SEEDED AND MULCHED WITH A TEMPORARY GRASS COVER ONCE THE STOCKPILE IS PLACED (TYPICALLY WITHIN 14 DAYS). USE OF MULCH ONLY OR A SOIL BINDER IS ACCEPTABLE IF THE STOCKPILE WILL BE IN PLACE FOR A MORE LIMITED TIME PERIOD (TYPICALLY 30-60 DAYS).
 4. FOR TEMPORARY STOCKPILES ON THE INTERIOR PORTION OF A CONSTRUCTION SITE, WHERE OTHER DOWNGRADIENT CONTROLS, INCLUDING PERIMETER CONTROL, ARE IN PLACE, STOCKPILE PERIMETER CONTROLS MAY NOT BE REQUIRED.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SP-3

Check Dams (CD) EC-12

- CHECK DAM INSTALLATION NOTES**
1. SEE PLAN VIEW FOR:
 -LOCATION OF CHECK DAMS.
 -CHECK DAM TYPE (CHECK DAM OR REINFORCED CHECK DAM).
 -LENGTH (L), CREST LENGTH (CL), AND DEPTH (D).
 2. CHECK DAMS INDICATED ON INITIAL SWMP SHALL BE INSTALLED AFTER CONSTRUCTION FENCE, BUT PRIOR TO ANY UPSTREAM LAND DISTURBING ACTIVITIES.
 3. RIPRAP UTILIZED FOR CHECK DAMS SHOULD BE OF APPROPRIATE SIZE FOR THE APPLICATION. TYPICAL TYPES OF RIPRAP USED FOR CHECK DAMS ARE TYPE M (D50 12") OR TYPE L (D50 9").
 4. RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'.
 5. THE ENDS OF THE CHECK DAM SHALL BE A MINIMUM OF 1' 6" HIGHER THAN THE CENTER OF THE CHECK DAM.
- CHECK DAM MAINTENANCE NOTES**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. SEDIMENT ACCUMULATED UPSTREAM OF THE CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS WITHIN 1/2 OF THE HEIGHT OF THE CREST.
 5. CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
 6. WHEN CHECK DAMS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACKFILL. DISTURBED AREA SHALL BE SEEDED AND MULCHED AND COVERED WITH GEOTEXTILE OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.
- (DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO, NOT AVAILABLE IN AUTOCAD)
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.**

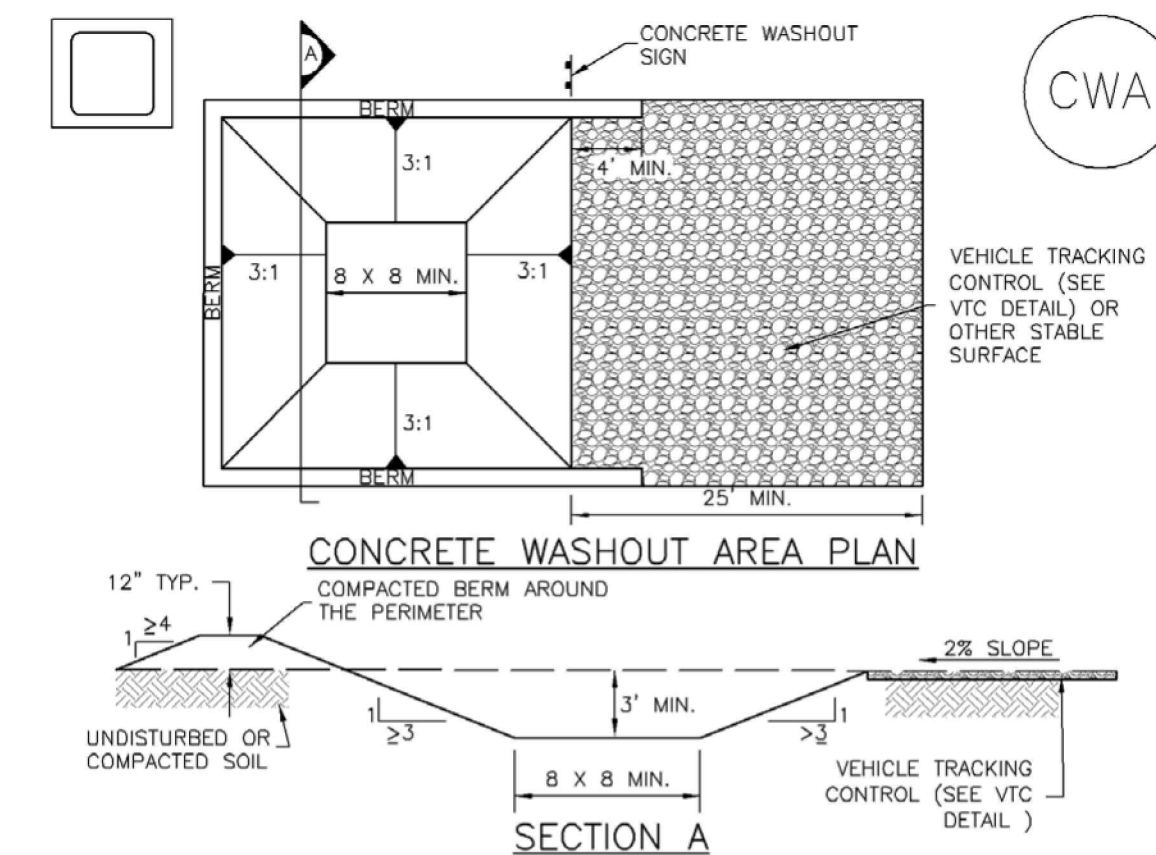
CD-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

Stockpile Management (SM) MM-2

- STOCKPILE PROTECTION MAINTENANCE NOTES**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. IF PERIMETER PROTECTION MUST BE MOVED TO ACCESS SOIL STOCKPILE, REPLACE PERIMETER CONTROLS BY THE END OF THE WORKDAY.
 5. STOCKPILE PERIMETER CONTROLS CAN BE REMOVED ONCE ALL THE MATERIAL FROM THE STOCKPILE HAS BEEN USED.
- (DETAILS ADAPTED FROM PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD)
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.**

SP-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

Concrete Washout Area (CWA) MM-1



- CWA-1. CONCRETE WASHOUT AREA**
- CWA INSTALLATION NOTES**
1. SEE PLAN VIEW FOR:
 -CWA INSTALLATION LOCATION.
 2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (1/8" MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.
 3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
 4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8' BY 8' SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.
 5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
 6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
 7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
 8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CWA-3

Concrete Washout Area (CWA) MM-1

- CWA MAINTENANCE NOTES**
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN PIT, SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2'.
 5. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN A WATER-TIGHT CONTAINER AND DISPOSED OF PROPERLY.
 6. THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
 7. WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, SEED AND MULCH OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.
- (DETAIL ADAPTED FROM DOUGLAS COUNTY, COLORADO AND THE CITY OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD)
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.**

CWA-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

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D.R.HORTON
 America's Builder

CONSTRUCTION DOCUMENTS
 GRANDVIEW RESERVE FILING NO. 1
 4 SITE INVESTMENTS, LLC (D.R. HORTON)
 SF-22-XXX

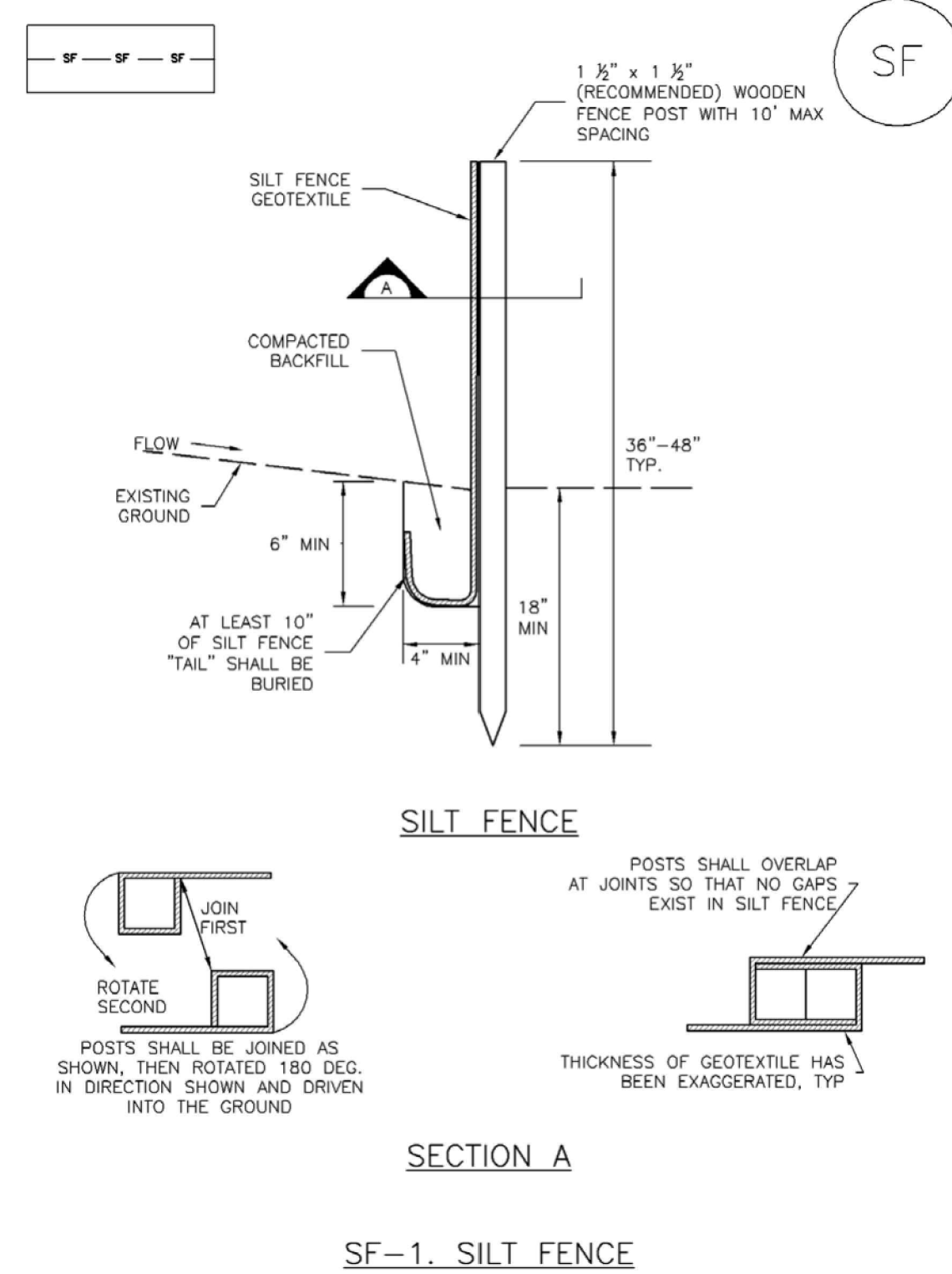
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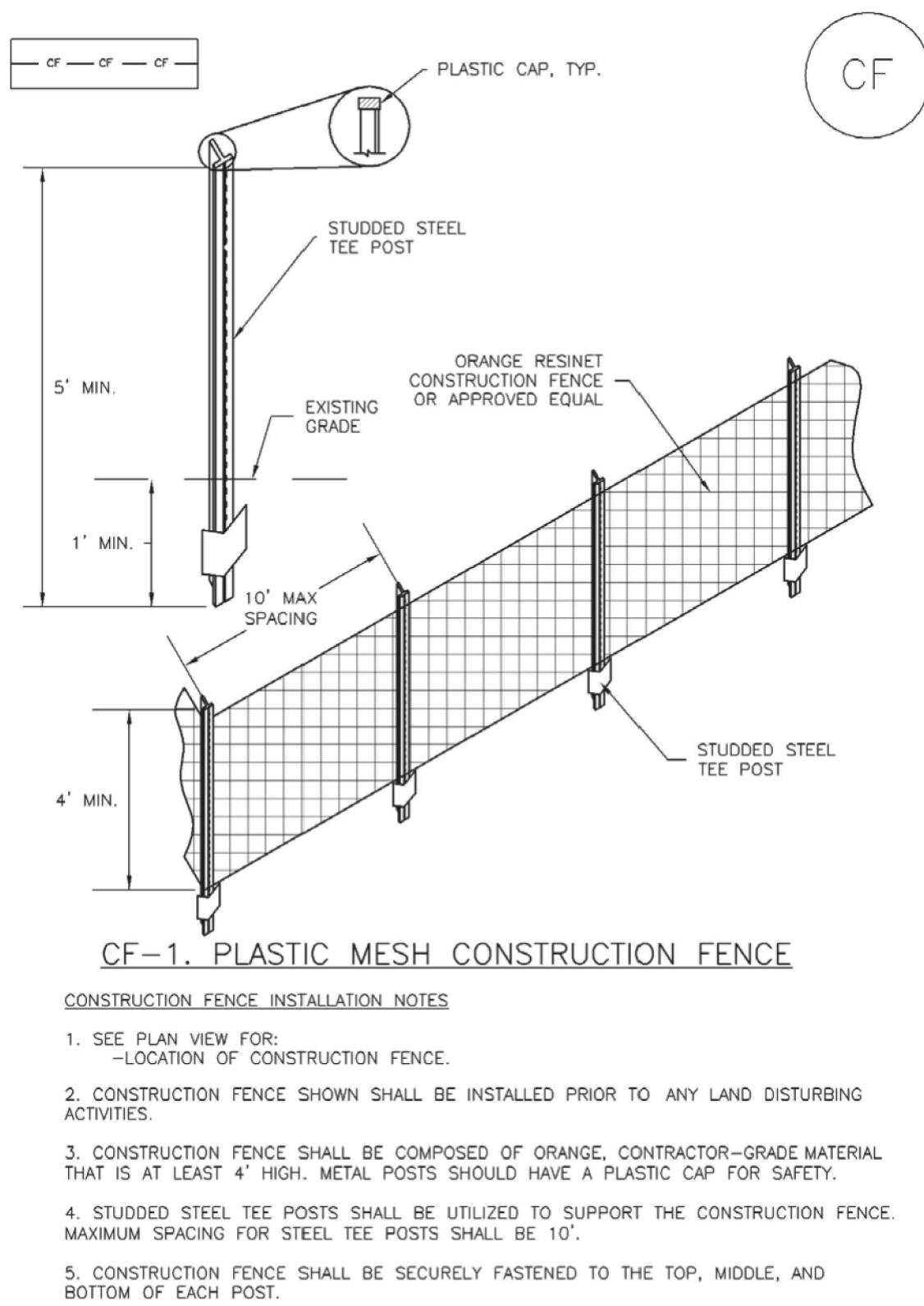
EROSION CONTROL
 DETAILS

Silt Fence (SF) **SC-1**



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SM-3 Construction Fence (CF)



CF-2 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

SC-1 Silt Fence (SF)

SILT FENCE INSTALLATION NOTES

1. SILT FENCE MUST BE PLACED AWAY FROM THE TOE OF THE SLOPE TO ALLOW FOR WATER PONDING. SILT FENCE AT THE TOE OF A SLOPE SHOULD BE INSTALLED IN A FLAT LOCATION AT LEAST SEVERAL FEET (2-5 FT) FROM THE TOE OF THE SLOPE TO ALLOW ROOM FOR PONDING AND DEPOSITION.
2. A UNIFORM 6" X 4" ANCHOR TRENCH SHALL BE EXCAVATED USING TRENCHER OR SILT FENCE INSTALLATION DEVICE. NO ROAD GRADERS, BACKHOES, OR SIMILAR EQUIPMENT SHALL BE USED.
3. COMPACT ANCHOR TRENCH BY HAND WITH A "JUMPING JACK" OR BY WHEEL ROLLING. COMPACTION SHALL BE SUCH THAT SILT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.
4. SILT FENCE SHALL BE PULLED TIGHT AS IT IS ANCHORED TO THE STAKES. THERE SHOULD BE NO NOTICEABLE SAG BETWEEN STAKES AFTER IT HAS BEEN ANCHORED TO THE STAKES.
5. SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES USING 1" HEAVY DUTY STAPLES OR NAILS WITH 1" HEADS. STAPLES AND NAILS SHOULD BE PLACED 3" ALONG THE FABRIC DOWN THE STAKE.
6. AT THE END OF A RUN OF SILT FENCE ALONG A CONTOUR, THE SILT FENCE SHOULD BE TURNED PERPENDICULAR TO THE CONTOUR TO CREATE A "J-HOOK." THE "J-HOOK" EXTENDING PERPENDICULAR TO THE CONTOUR SHOULD BE OF SUFFICIENT LENGTH TO KEEP RUNOFF FROM FLOWING AROUND THE END OF THE SILT FENCE (TYPICALLY 10' - 20').
7. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.

SILT FENCE MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED UPSTREAM OF THE SILT FENCE SHALL BE REMOVED AS NEEDED TO MAINTAIN THE FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 6".
5. REPAIR OR REPLACE SILT FENCE WHEN THERE ARE SIGNS OF WEAR, SUCH AS SAGGING, TEARING, OR COLLAPSE.
6. SILT FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION, OR IS REPLACED BY AN EQUIVALENT PERIMETER SEDIMENT CONTROL BMP.
7. WHEN SILT FENCE IS REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, NOT AVAILABLE IN AUTOCAD)

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

SF-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

Construction Fence (CF) SM-3

CONSTRUCTION FENCE MAINTENANCE NOTES

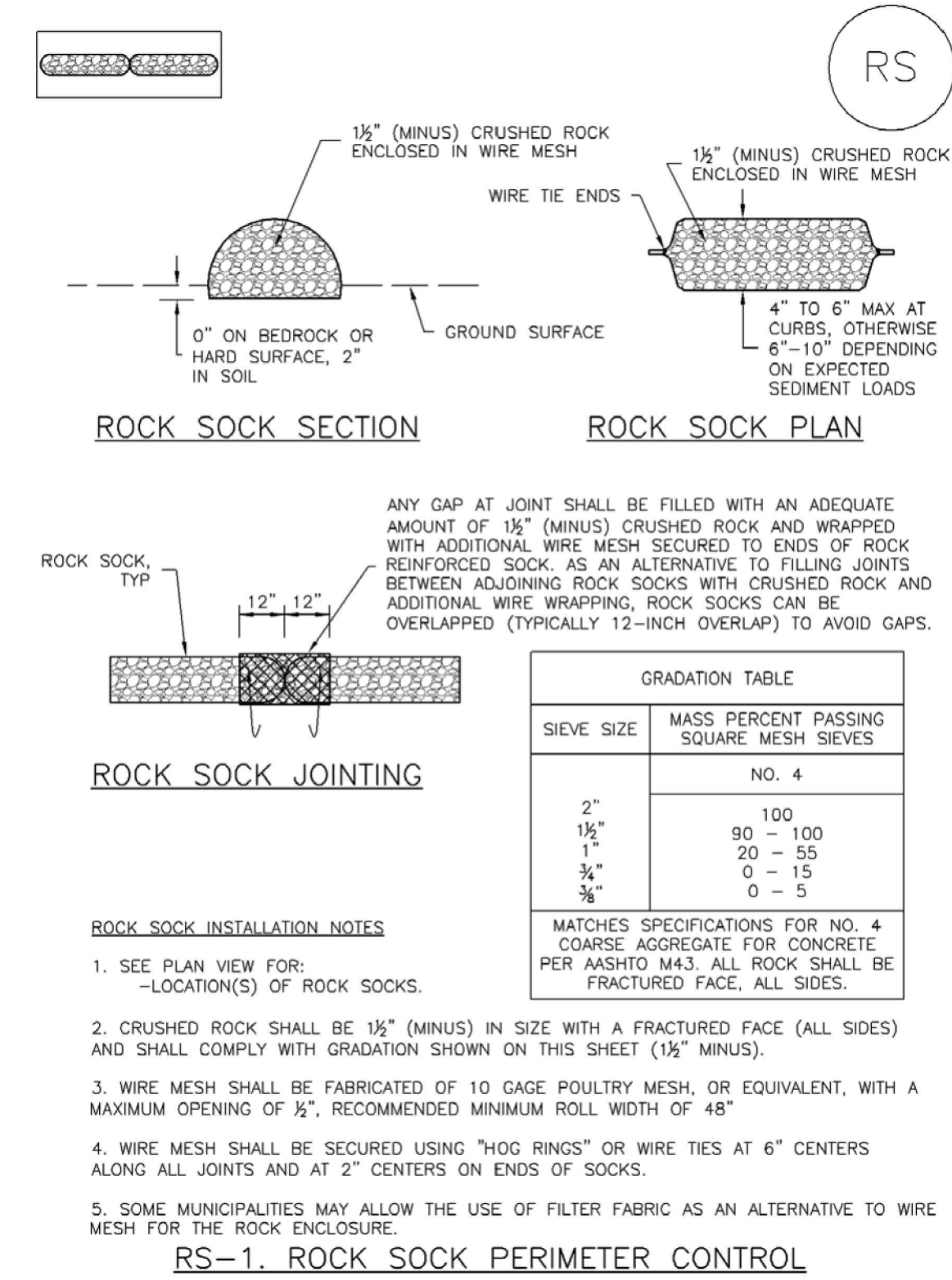
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2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. CONSTRUCTION FENCE SHALL BE REPAIRED OR REPLACED WHEN THERE ARE SIGNS OF DAMAGE SUCH AS RIPS OR SAGS. CONSTRUCTION FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
5. WHEN CONSTRUCTION FENCES ARE REMOVED, ALL DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE FENCE SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD)

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CF-3

SC-5 Rock Sock (RS)



RS-2 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

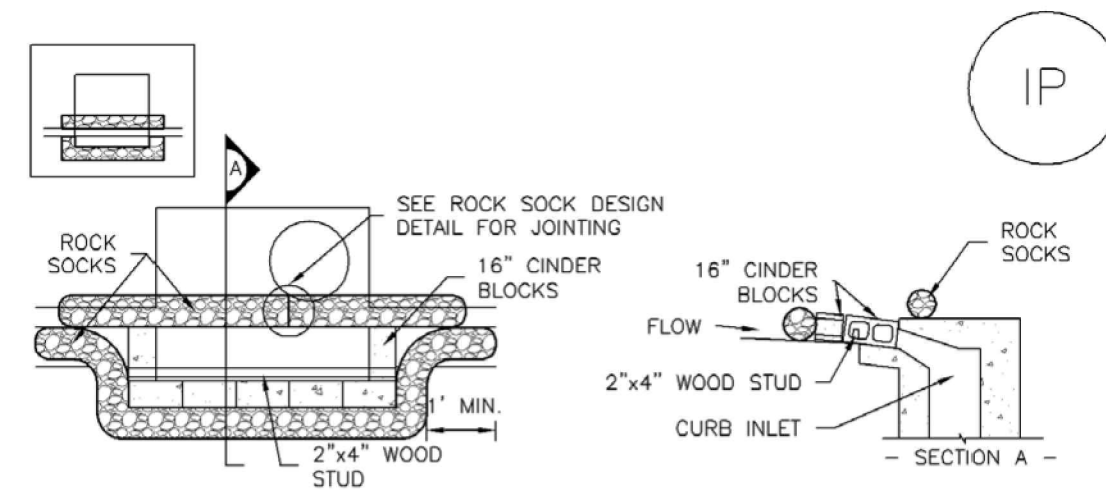
Rock Sock (RS) SC-5

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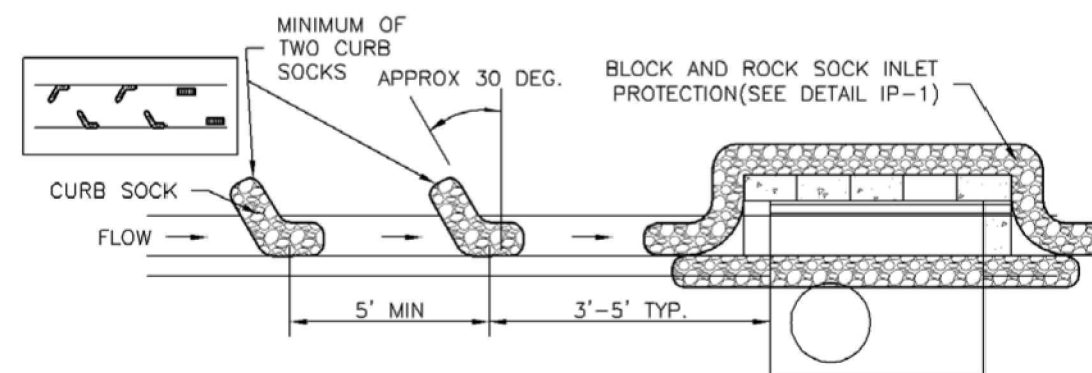
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DETAILS



IP-1. BLOCK AND ROCK SOCK SUMP OR ON-GRADE INLET PROTECTION

BLOCK AND CURB SOCK INLET PROTECTION INSTALLATION NOTES

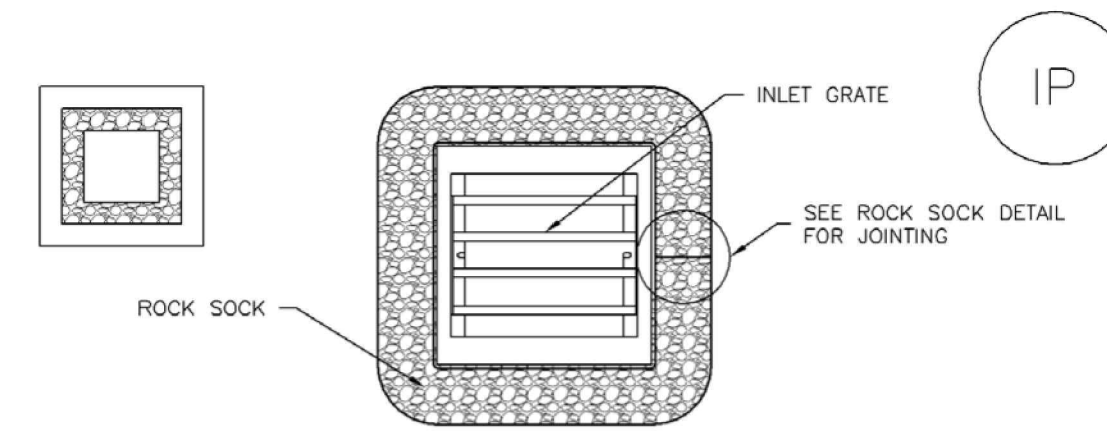
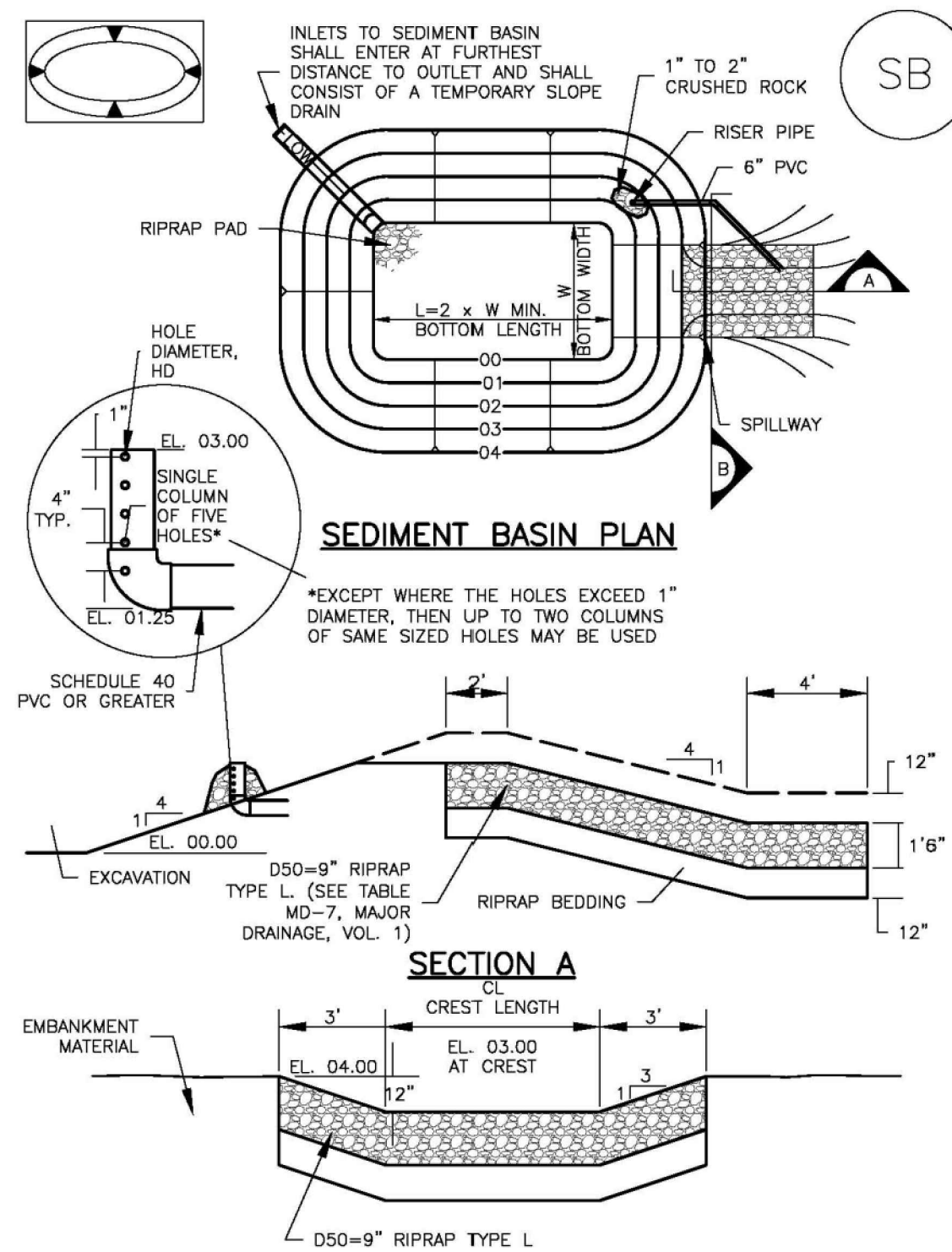
1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
2. CONCRETE "CINDER" BLOCKS SHALL BE LAID ON THEIR SIDES AROUND THE INLET IN A SINGLE ROW, ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB.
3. GRAVEL BAGS SHALL BE PLACED AROUND CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINED TOGETHER IN ACCORDANCE WITH ROCK SOCK DESIGN DETAIL.



IP-2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION

CURB ROCK SOCK INLET PROTECTION INSTALLATION NOTES

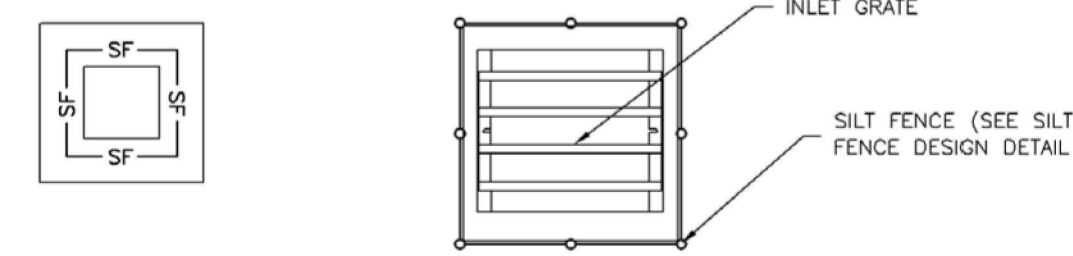
1. SEE ROCK SOCK DESIGN DETAIL INSTALLATION REQUIREMENTS.
2. PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES FROM PERPENDICULAR IN THE OPPOSITE DIRECTION OF FLOW.
3. SOCKS ARE TO BE FLUSH WITH THE CURB AND SPACED A MINIMUM OF 5 FEET APART.
4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON-GRADE INLETS.



IP-3. ROCK SOCK SUMP/AREA INLET PROTECTION

ROCK SOCK SUMP/AREA INLET PROTECTION INSTALLATION NOTES

1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
2. STRAW WATTLES/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF ROCK SOCKS FOR INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.



IP-4. SILT FENCE FOR SUMP INLET PROTECTION

SILT FENCE INLET PROTECTION INSTALLATION NOTES

1. SEE SILT FENCE DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
2. POSTS SHALL BE PLACED AT EACH CORNER OF THE INLET AND AROUND THE EDGES AT A MAXIMUM SPACING OF 3 FEET.
3. STRAW WATTLES/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF SILT FENCE FOR INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.

| Upstream Drainage Area (rounded to nearest acre), (ac) | Basin Bottom Width (W), (ft) | Spillway Crest Length (CL), (ft) | Hole Diameter (HD), (in) |
|--|------------------------------|----------------------------------|--------------------------|
| 1 | 12 1/2 | 2 | 9/32 |
| 2 | 21 | 3 | 15/16 |
| 3 | 28 | 5 | 5/8 |
| 4 | 33 1/2 | 6 | 5/8 |
| 5 | 38 1/2 | 8 | 3/4 |
| 6 | 43 | 9 | 3/4 |
| 7 | 47 1/4 | 11 | 25/32 |
| 8 | 51 | 12 | 25/32 |
| 9 | 55 | 13 | 3/8 |
| 10 | 58 1/4 | 15 | 15/16 |
| 11 | 61 | 16 | 3/4 |
| 12 | 64 | 18 | 1 |
| 13 | 67 1/2 | 19 | 1 1/8 |
| 14 | 70 1/2 | 21 | 1 3/8 |
| 15 | 73 1/2 | 22 | 1 3/8 |

SEDIMENT BASIN INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - LOCATION OF SEDIMENT BASIN.
 - TYPE OF BASIN (STANDARD BASIN OR NONSTANDARD BASIN).
 - FOR STANDARD BASIN, BOTTOM WIDTH W, CREST LENGTH CL, AND HOLE DIAMETER, HD.
 - FOR NONSTANDARD BASIN, SEE CONSTRUCTION DRAWINGS FOR DESIGN OF BASIN INCLUDING RISER HEIGHT H, NUMBER OF COLUMNS N, HOLE DIAMETER HD AND PIPE DIAMETER D.
2. FOR STANDARD BASIN, BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED.
3. SEDIMENT BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER LAND-DISTURBING ACTIVITY THAT RELIES ON BASINS AS A STORMWATER CONTROL.
4. EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3 INCHES AND SHALL HAVE A MINIMUM OF 15 PERCENT BY WEIGHT PASSING THE NO. 200 SIEVE.
5. EMBANKMENT MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.
6. PIPE SCH 40 OR GREATER SHALL BE USED.
7. THE DETAILS SHOWN ON THESE SHEETS PERTAIN TO STANDARD SEDIMENT BASIN(S) FOR DRAINAGE AREAS LESS THAN 15 ACRES. SEE CONSTRUCTION DRAWINGS FOR EMBANKMENT, STORAGE VOLUME, SPILLWAY, OUTLET, AND OUTLET PROTECTION DETAILS FOR ANY SEDIMENT BASIN(S) THAT HAVE BEEN INDIVIDUALLY DESIGNED FOR DRAINAGE AREAS LARGER THAN 15 ACRES.

GENERAL INLET PROTECTION INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - LOCATION OF INLET PROTECTION.
 - TYPE OF INLET PROTECTION (IP.1, IP.2, IP.3, IP.4, IP.5, IP.6)
2. INLET PROTECTION SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAVING IS COMPLETE (TYPICALLY WITHIN 48 HOURS). IF A RAINFALL/RUNOFF EVENT IS FORECAST, INSTALL INLET PROTECTION PRIOR TO ONSET OF EVENT.
3. MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

INLET PROTECTION MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN BMP EFFECTIVENESS, TYPICALLY WHEN STORAGE VOLUME REACHES 50% OF CAPACITY, A DEPTH OF 6" WHEN SILT FENCE IS USED, OR 1/4 OF THE HEIGHT FOR STRAW BALES.
5. INLET PROTECTION IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED, UNLESS THE LOCAL JURISDICTION APPROVES EARLIER REMOVAL OF INLET PROTECTION IN STREETS.
6. WHEN INLET PROTECTION AT AREA INLETS IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, COLORADO, NOT AVAILABLE IN AUTOCAD)

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

NOTE: THE DETAILS INCLUDED WITH THIS FACT SHEET SHOW COMMONLY USED, CONVENTIONAL METHODS OF INLET PROTECTION IN THE DENVER METROPOLITAN AREA. THERE ARE MANY PROPRIETARY INLET PROTECTION METHODS ON THE MARKET. UDFCD NEITHER ENDORSES NOR DISCOURAGES USE OF PROPRIETARY INLET PROTECTION; HOWEVER, IN THE EVENT PROPRIETARY METHODS ARE USED, THE APPROPRIATE DETAIL FROM THE MANUFACTURER MUST BE INCLUDED IN THE SWMP AND THE BMP MUST BE INSTALLED AND MAINTAINED AS SHOWN IN THE MANUFACTURER'S DETAILS.

NOTE: SOME MUNICIPALITIES DISCOURAGE OR PROHIBIT THE USE OF STRAW BALES FOR INLET PROTECTION. CHECK WITH LOCAL JURISDICTION TO DETERMINE IF STRAW BALE INLET PROTECTION IS ACCEPTABLE.

SEDIMENT BASIN MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED IN BASIN SHALL BE REMOVED AS NEEDED TO MAINTAIN BMP EFFECTIVENESS, TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (I.E., TWO FEET BELOW THE SPILLWAY CREST).
5. SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS ACCEPTED BY THE LOCAL JURISDICTION.
6. WHEN SEDIMENT BASINS ARE REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO)

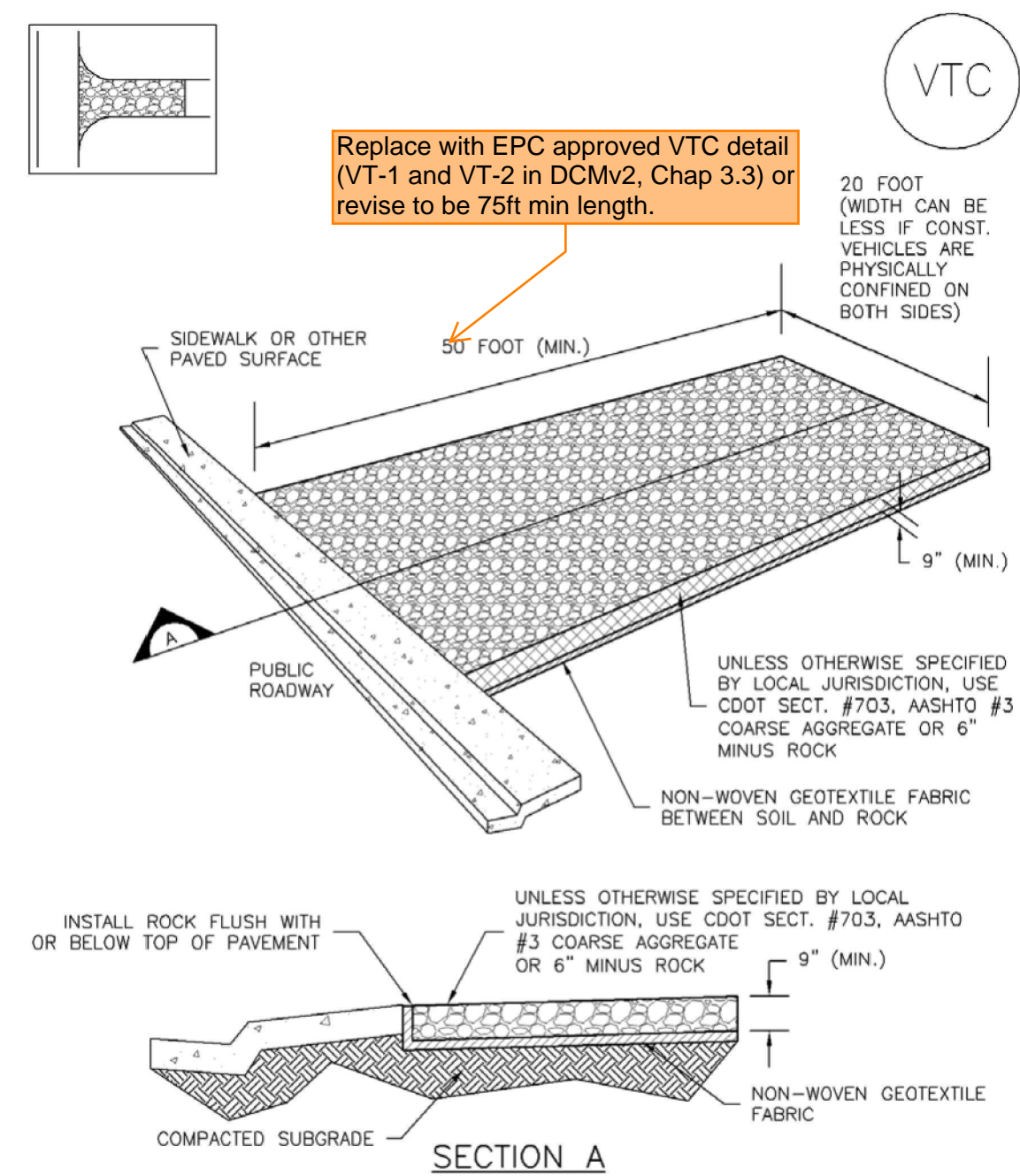
NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

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| Project No: | HRG02 |
| Drawn By: | JDM |
| Checked By: | CMWJ |
| Date: | 10/14/2022 |

EROSION CONTROL DETAILS

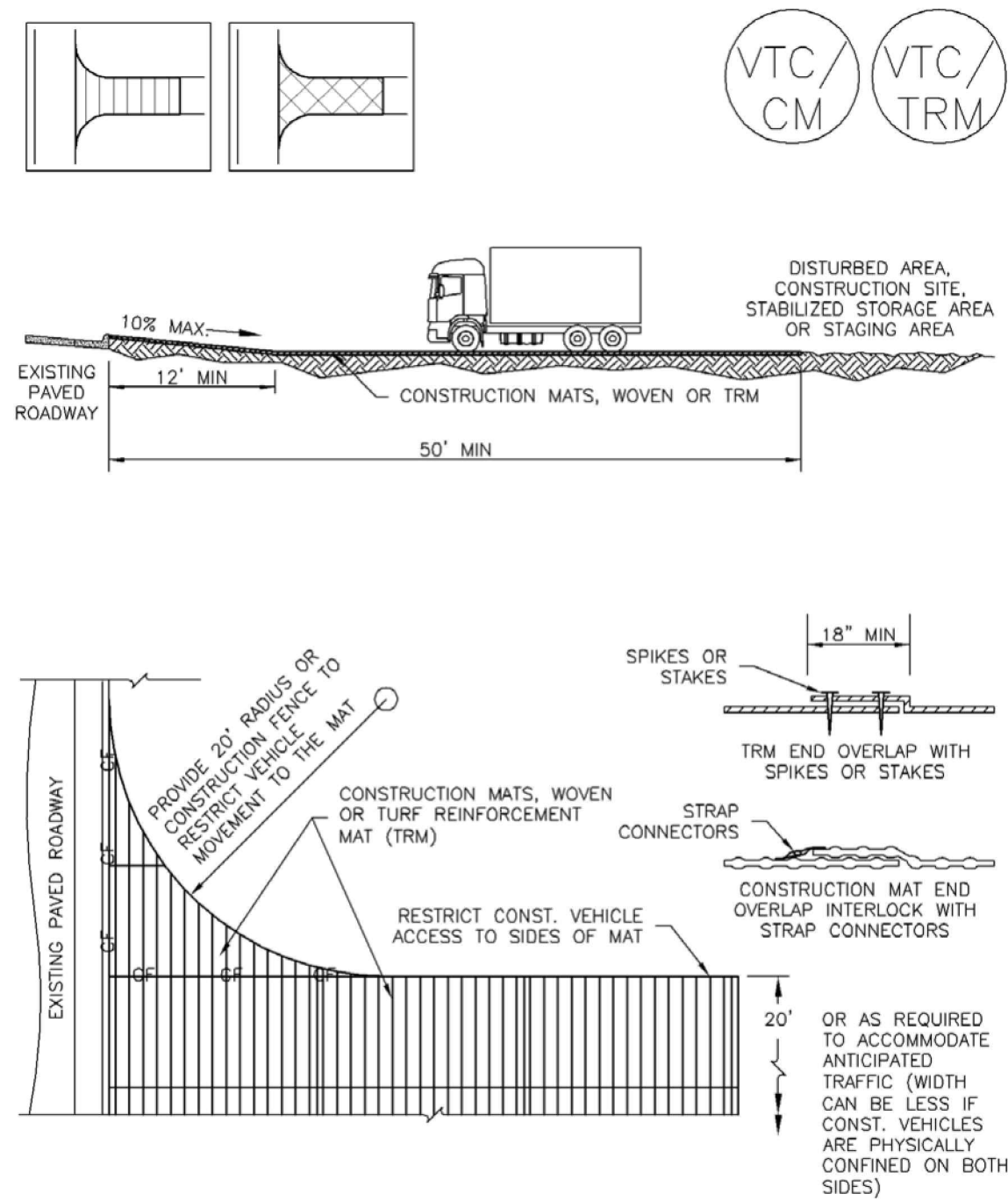
Vehicle Tracking Control (VTC) SM-4



VTC-1. AGGREGATE VEHICLE TRACKING CONTROL

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Vehicle Tracking Control (VTC) SM-4



VTC-3. VEHICLE TRACKING CONTROL W/ CONSTRUCTION MAT OR TURF REINFORCEMENT MAT (TRM)

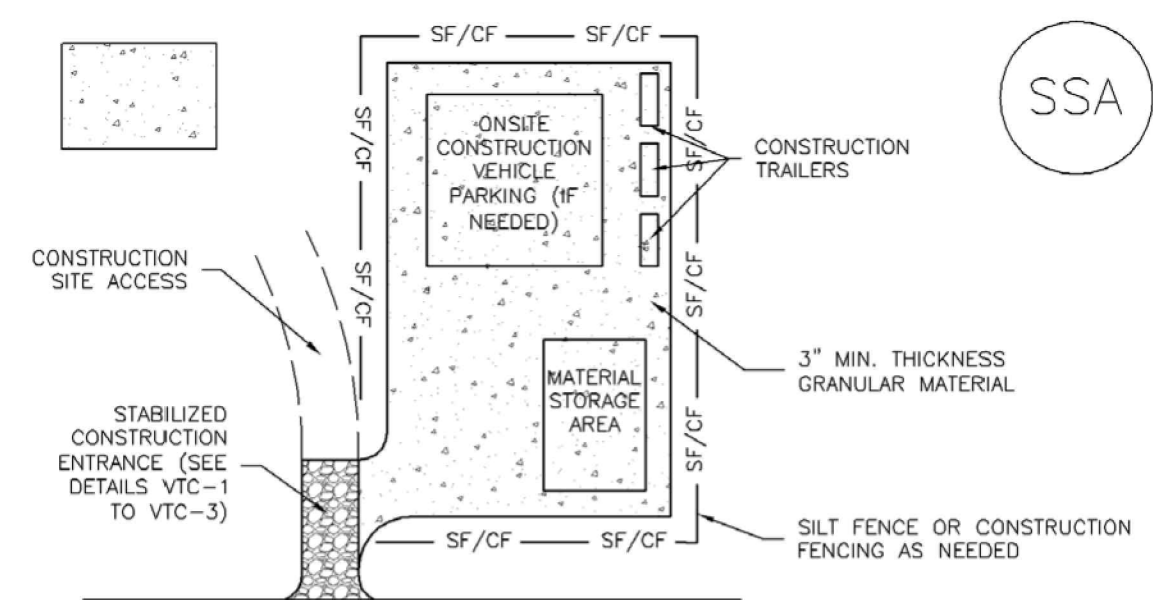
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 **VTC-5**

SM-4 Vehicle Tracking Control (VTC)

- STABILIZED CONSTRUCTION ENTRANCE/EXIT INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION OF CONSTRUCTION ENTRANCE(S)/EXIT(S).
 - TYPE OF CONSTRUCTION ENTRANCE(S)/EXIT(S) (WITH/WITHOUT WHEEL WASH, CONSTRUCTION MAT OR TRM).
 - CONSTRUCTION MAT OR TRM STABILIZED CONSTRUCTION ENTRANCES ARE ONLY TO BE USED ON SHORT DURATION PROJECTS (TYPICALLY RANGING FROM A WEEK TO A MONTH) WHERE THERE WILL BE LIMITED VEHICULAR ACCESS.
 - A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAYS.
 - STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
 - A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
 - UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
- STABILIZED CONSTRUCTION ENTRANCE/EXIT MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN A CONSISTENT DEPTH.
 - SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED THROUGHOUT THE DAY AND AT THE END OF THE DAY BY SHOVELING OR SWEEPING. SEDIMENT MAY NOT BE WASHED DOWN STORM SEWER DRAINS.
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
(DETAILS ADAPTED FROM CITY OF BROOMFIELD, COLORADO, NOT AVAILABLE IN AUTOCAD)

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Stabilized Staging Area (SSA) SM-6



SSA-1. STABILIZED STAGING AREA

- STABILIZED STAGING AREA INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION OF STAGING AREA(S).
 - CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.
 - STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.
 - STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.
 - THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR MATERIAL.
 - UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
 - ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING.
- STABILIZED STAGING AREA MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 **SSA-3**

SM-6 Stabilized Staging Area (SSA)

- STABILIZED STAGING AREA MAINTENANCE NOTES**
- STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING/LOADING OPERATIONS.
 - THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE LOCAL JURISDICTION, USED ON SITE, AND THE AREA COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY LOCAL JURISDICTION.
- NOTE: MANY MUNICIPALITIES PROHIBIT THE USE OF RECYCLED CONCRETE AS GRANULAR MATERIAL FOR STABILIZED STAGING AREAS DUE TO DIFFICULTIES WITH RE-ESTABLISHMENT OF VEGETATION IN AREAS WHERE RECYCLED CONCRETE WAS PLACED.
NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO, NOT AVAILABLE IN AUTOCAD)

SSA-4 Urban Drainage and Flood Control District November 2010
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T-2 Grass Swale

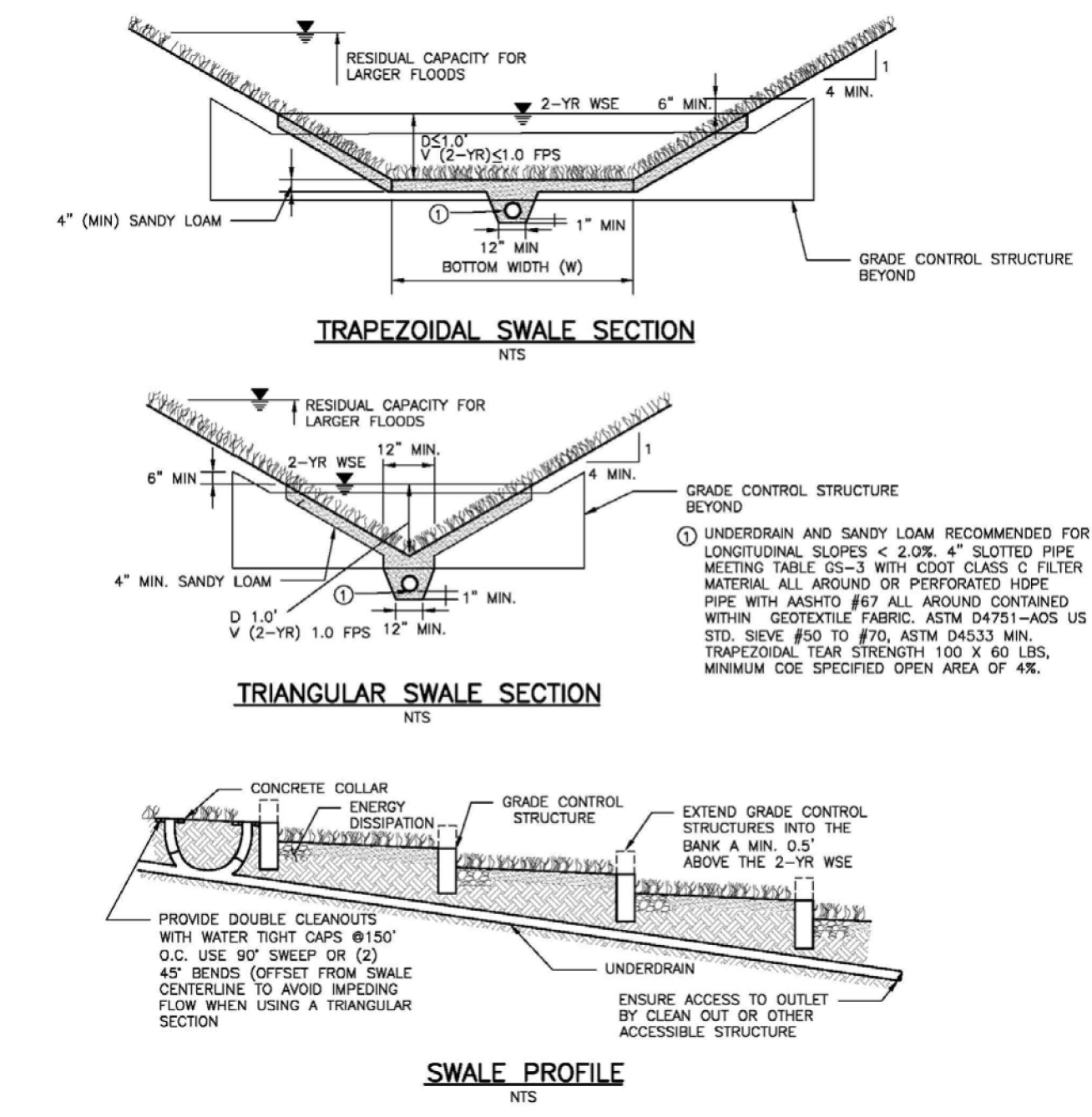


Figure GS-1. Grass Swale Profile and Sections

Design Example

The UD-BMP workbook, designed as a tool for both designer and reviewing agency is available at www.udfcd.org. This section provides a completed design form from this workbook as an example.

GS-6 Urban Drainage and Flood Control District November 2010
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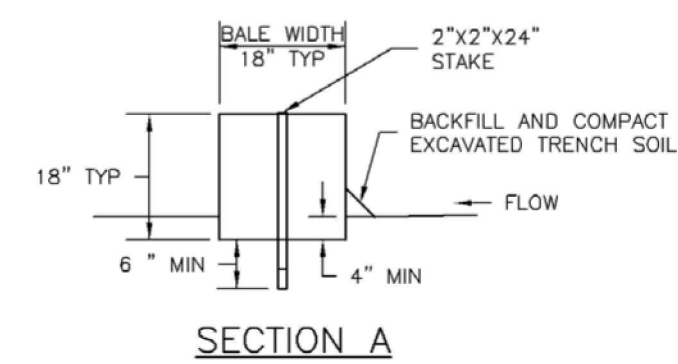
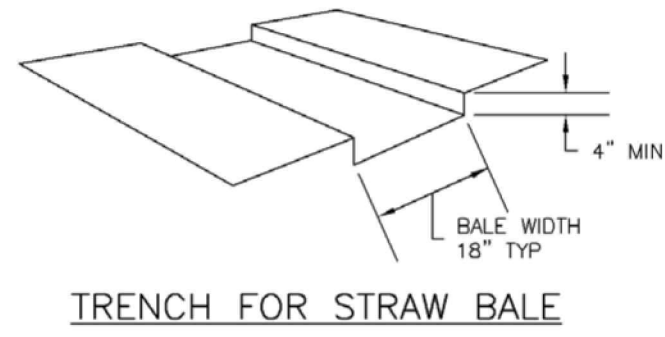
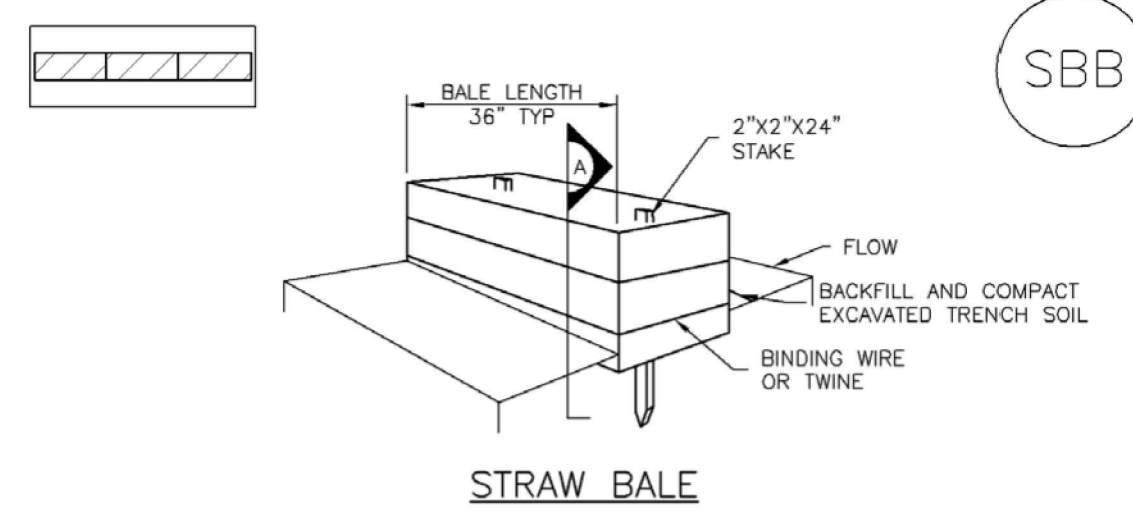
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America's Builder

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Project No: HRG02
Drawn By: JDM
Checked By: CMWJ
Date: 10/14/2022

EROSION CONTROL DETAILS



SBB-1. STRAW BALE

SBB-2 Urban Drainage and Flood Control District November 2010
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STRAW BALE INSTALLATION NOTES

- SEE PLAN VIEW FOR:
-LOCATION(S) OF STRAW BALES.
- STRAW BALES SHALL CONSIST OF CERTIFIED WEED FREE STRAW OR HAY. LOCAL JURISDICTIONS MAY REQUIRE PROOF THAT BALES ARE WEED FREE.
- STRAW BALES SHALL CONSIST OF APPROXIMATELY 5 CUBIC FEET OF STRAW OR HAY AND WEIGH NOT LESS THAN 35 POUNDS.
- WHEN STRAW BALES ARE USED IN SERIES AS A BARRIER, THE END OF EACH BALE SHALL BE TIGHTLY ABUTTING ONE ANOTHER.
- STRAW BALE DIMENSIONS SHALL BE APPROXIMATELY 36"x18"x18".
- A UNIFORM ANCHOR TRENCH SHALL BE EXCAVATED TO A DEPTH OF 4". STRAW BALES SHALL BE PLACED SO THAT BINDING TWINE IS ENCOMPASSING THE VERTICAL SIDES OF THE BALE(S). ALL EXCAVATED SOIL SHALL BE PLACED ON THE UPHILL SIDE OF THE STRAW BALE(S) AND COMPACTED.
- TWO (2) WOODEN STAKES SHALL BE USED TO HOLD EACH BALE IN PLACE. WOODEN STAKES SHALL BE 2"x2"x24". WOODEN STAKES SHALL BE DRIVEN 6" INTO THE GROUND.

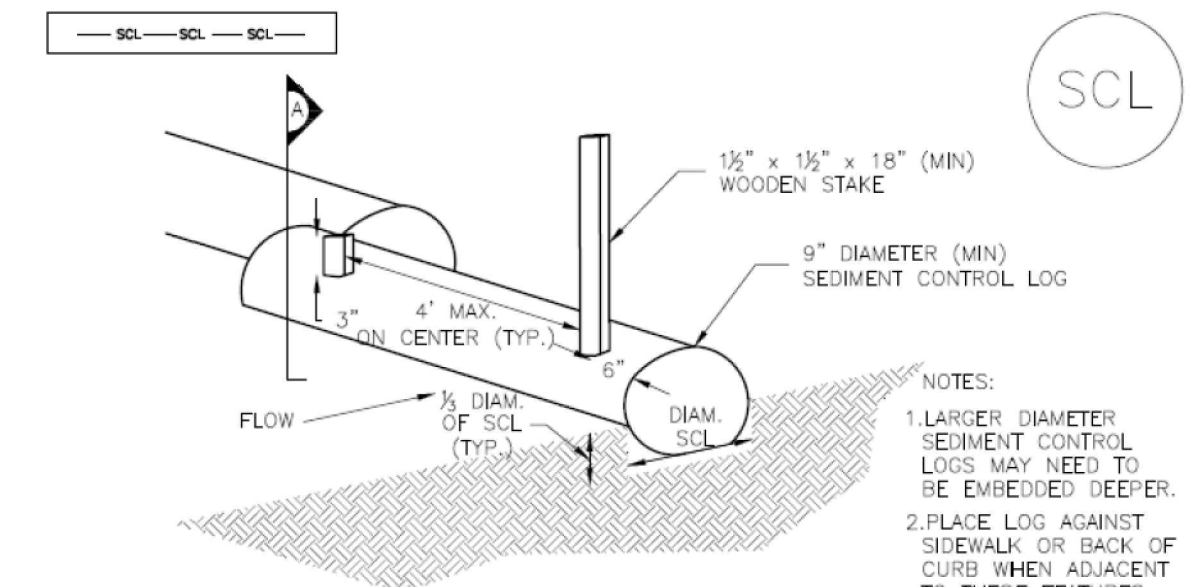
STRAW BALE MAINTENANCE NOTES

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- STRAW BALES SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, ROTTEN, OR DAMAGED BEYOND REPAIR.
- SEDIMENT ACCUMULATED UPSTREAM OF STRAW BALE BARRIER SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP, TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE STRAW BALE BARRIER.
- STRAW BALES ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
- WHEN STRAW BALES ARE REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

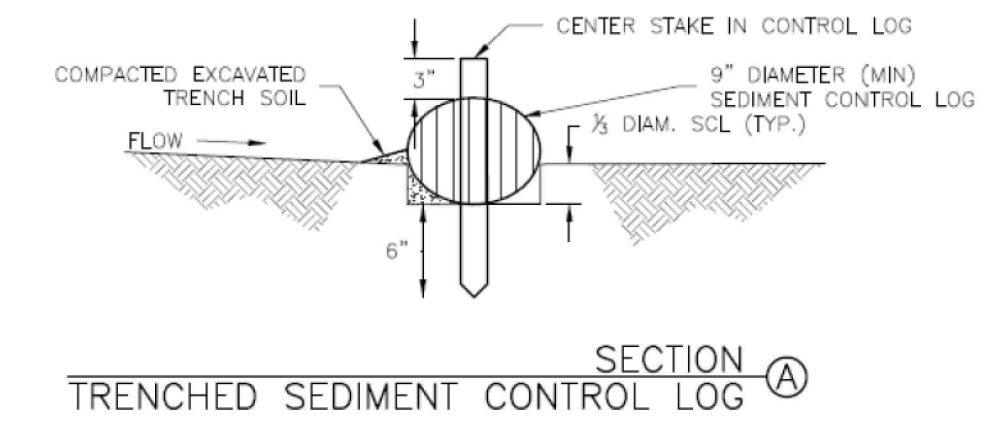
(DETAILS ADAPTED FROM TOWN OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD)

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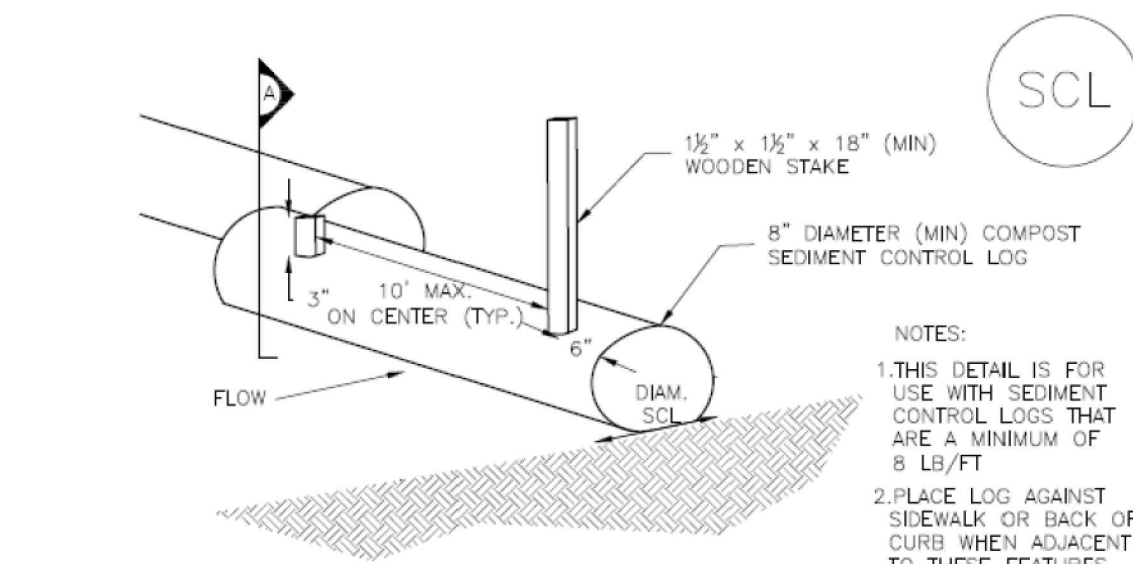
TRENCHED SEDIMENT CONTROL LOG



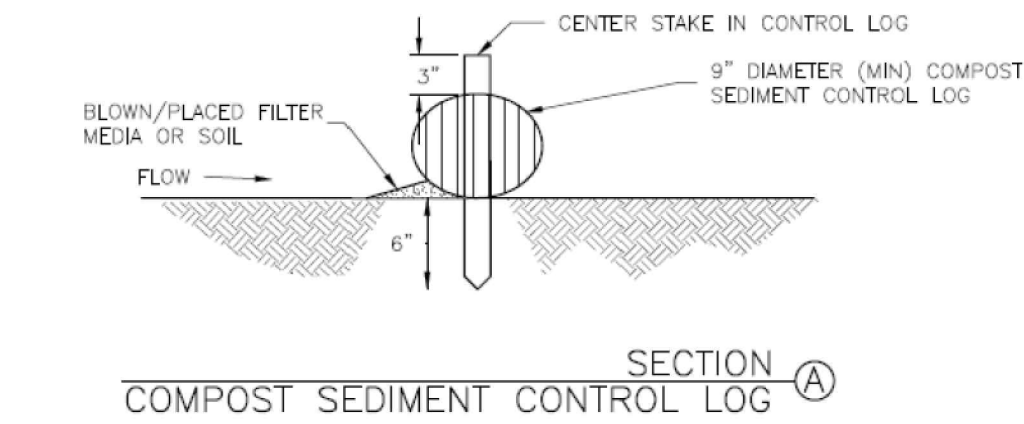
LOG JOINTS

SCL-1. TRENCHED SEDIMENT CONTROL LOG

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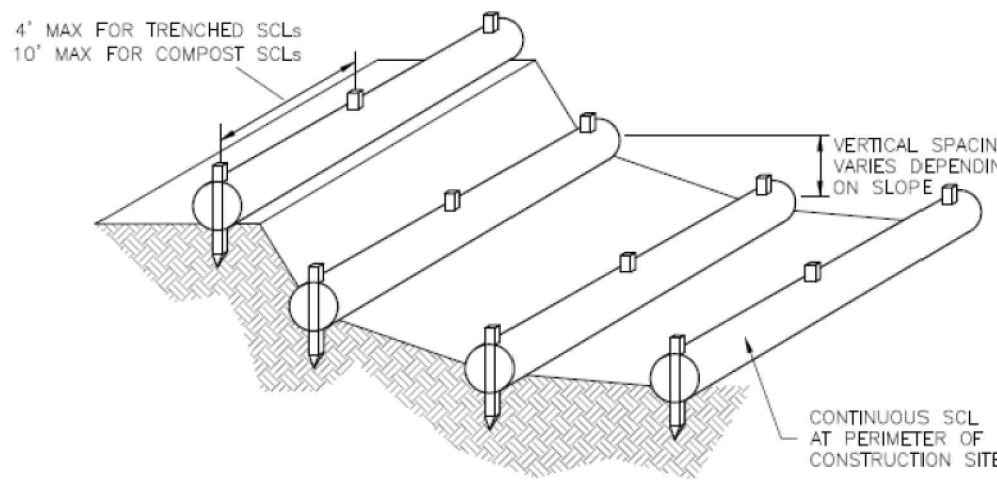
COMPOST SEDIMENT CONTROL LOG (WEIGHTED)



LOG JOINTS

SCL-2. COMPOST SEDIMENT CONTROL LOG (WEIGHTED)

SCL-4 Urban Drainage and Flood Control District November 2015
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SCL-3. SEDIMENT CONTROL LOGS TO CONTROL SLOPE LENGTH

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SEDIMENT CONTROL LOG INSTALLATION NOTES

- SEE PLAN VIEW FOR LOCATION AND LENGTH OF SEDIMENT CONTROL LOGS.
- SEDIMENT CONTROL LOGS THAT ACT AS A PERIMETER CONTROL SHALL BE INSTALLED PRIOR TO ANY UPGRADE/LAND-DISTURBING ACTIVITIES.
- SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR OR COCONUT FIBER, AND SHALL BE FREE OF ANY NOXIOUS WEED SEEDS OR DEFECTS INCLUDING RIPS, HOLES AND OBVIOUS WEAR.
- SEDIMENT CONTROL LOGS MAY BE USED AS SMALL CHECK DAMS IN DITCHES AND SWALES. HOWEVER, THEY SHOULD NOT BE USED IN PERENNIAL STREAMS.
- IT IS RECOMMENDED THAT SEDIMENT CONTROL LOGS BE TRENCHED INTO THE GROUND TO A DEPTH OF APPROXIMATELY 1/2 OF THE DIAMETER OF THE LOG. IF TRENCHING TO THIS DEPTH IS NOT FEASIBLE AND/OR DESIRABLE (SHORT TERM INSTALLATION WITH DESIRE NOT TO DAMAGE LANDSCAPE) A LESSER TRENCHING DEPTH MAY BE ACCEPTABLE WITH MORE ROBUST STAKING. COMPOST LOGS THAT ARE 8 LB/FT DO NOT NEED TO BE TRENCHED.
- THE UPHILL SIDE OF THE SEDIMENT CONTROL LOG SHALL BE BACKFILLED WITH SOIL OR FILTER MATERIAL THAT IS FREE OF ROCKS AND DEBRIS. THE SOIL SHALL BE TIGHTLY COMPACTED INTO THE SHAPE OF A RIGHT TRIANGLE USING A SHOVEL OR WEIGHTED LAWN ROLLER OR BLOWN IN PLACE.
- FOLLOW MANUFACTURERS' GUIDANCE FOR STAKING. IF MANUFACTURERS' INSTRUCTIONS DO NOT SPECIFY SPACING, STAKES SHALL BE PLACED ON 4' CENTERS AND EMBEDDED A MINIMUM OF 6" INTO THE GROUND. 3" OF THE STAKE SHALL PROTRUDE FROM THE TOP OF THE LOG. STAKES THAT ARE BROKEN PRIOR TO INSTALLATION SHALL BE REPLACED. COMPOST LOGS SHOULD BE STAKED 10' ON CENTER.

SEDIMENT CONTROL LOG MAINTENANCE NOTES

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- SEDIMENT ACCUMULATED UPSTREAM OF SEDIMENT CONTROL LOG SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP, TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE SEDIMENT CONTROL LOG.
- SEDIMENT CONTROL LOG SHALL BE REMOVED AT THE END OF CONSTRUCTION. COMPOST FROM COMPOST LOGS MAY BE LEFT IN PLACE AS LONG AS BAGS ARE REMOVED AND THE AREA SEEDED. IF DISTURBED AREAS EXIST AFTER REMOVAL, THEY SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAILS ADAPTED FROM TOWN OF PARKER, COLORADO, JEFFERSON COUNTY, COLORADO, DOUGLAS COUNTY, COLORADO, AND CITY OF AURORA, COLORADO, NOT AVAILABLE IN AUTOCAD)

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

SCL-6 Urban Drainage and Flood Control District November 2015
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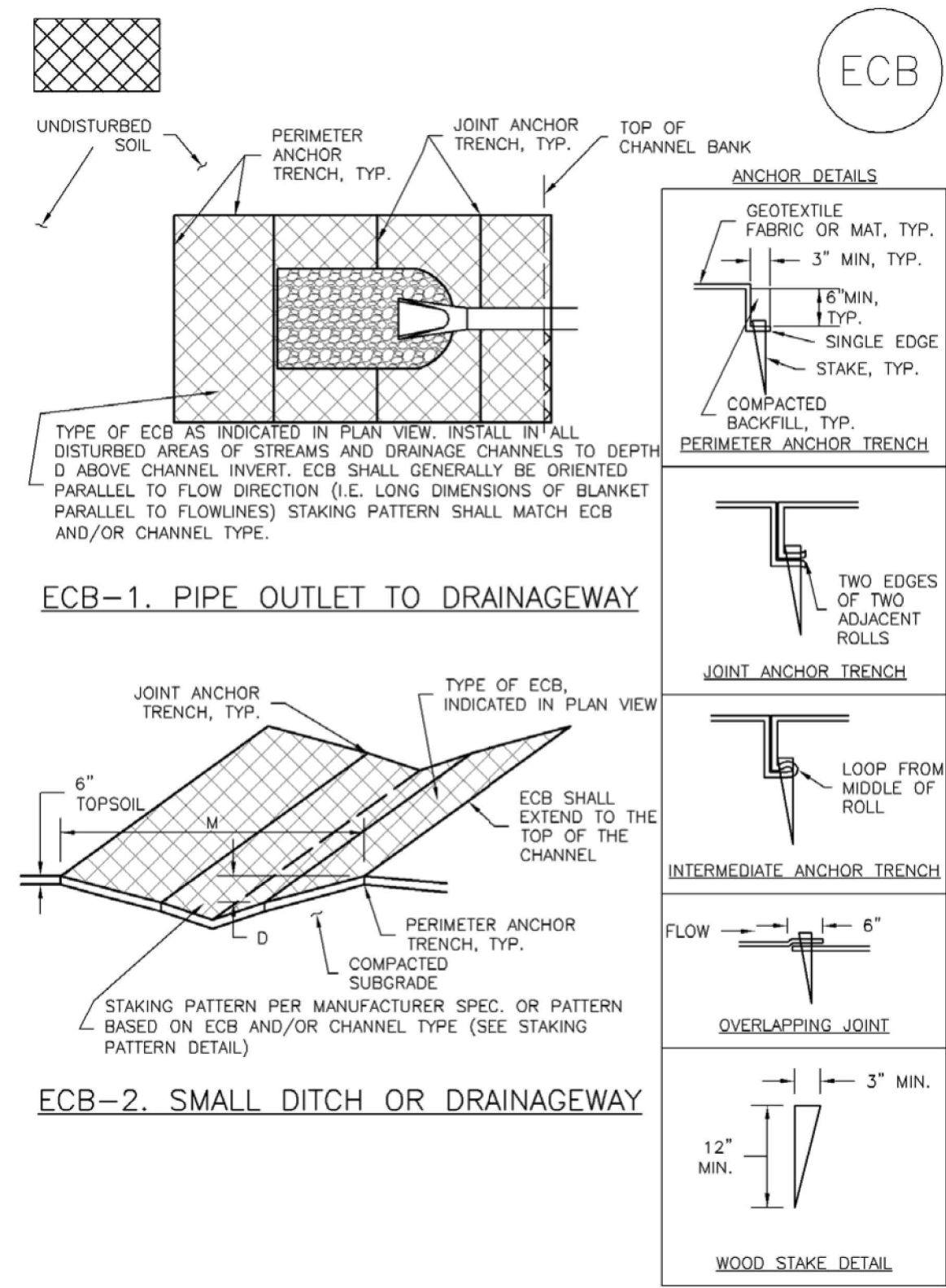
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Date: 10/14/2022

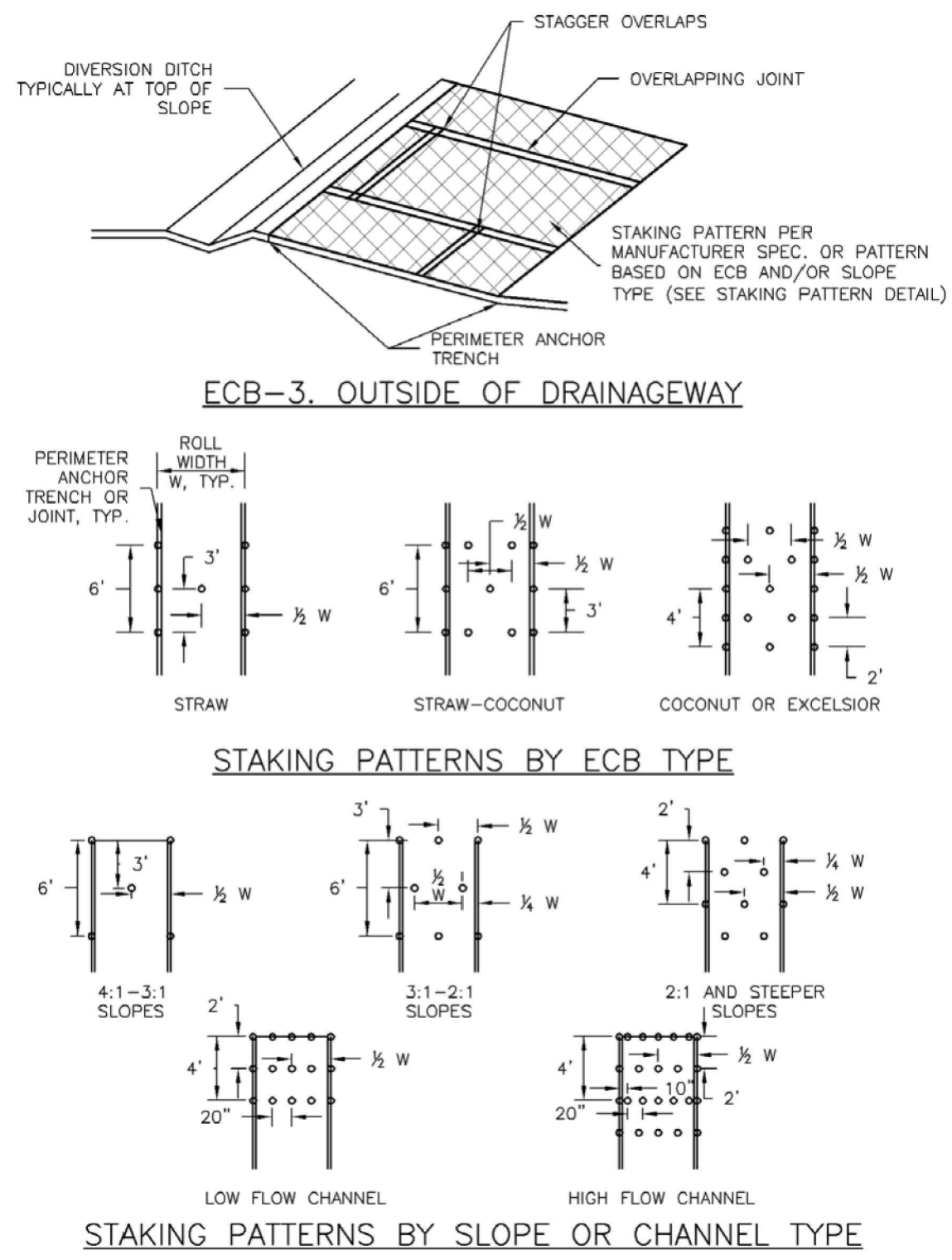
EROSION CONTROL DETAILS



Rolled Erosion Control Products (RECP) EC-6

EROSION CONTROL BLANKET MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. ECBs SHALL BE LEFT IN PLACE TO EVENTUALLY BIODEGRADE, UNLESS REQUESTED TO BE REMOVED BY THE LOCAL JURISDICTION.
 5. ANY ECB PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE REPAIRED OR REINSTALLED. ANY SUBGRADE AREAS BELOW THE GEOTEXTILE THAT HAVE ERODED TO CREATED A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEDED AND MULCHED AND THE ECB REINSTALLED.
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFOC STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
- (DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO AND TOWN OF PARKER COLORADO, NOT AVAILABLE IN AUTOCAD)



EROSION CONTROL BLANKET INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - LOCATION OF ECB
 - TYPE OF ECB (STRAW, STRAW-COCONUT, COCONUT, OR EXCELSIOR).
 - AREA, A, IN SQUARE YARDS OF EACH TYPE OF ECB.
2. 100% NATURAL AND BIODEGRADABLE MATERIALS ARE PREFERRED FOR RECPs, ALTHOUGH SOME JURISDICTIONS MAY ALLOW OTHER MATERIALS IN SOME APPLICATIONS.
3. IN AREAS WHERE ECBs ARE SHOWN ON THE PLANS, THE PERMITTEE SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE PREPARATION, AND SEEDING AND MULCHING. SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO ECB INSTALLATION AND THE ECB SHALL BE IN FULL CONTACT WITH SUBGRADE. NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.
4. PERIMETER ANCHOR TRENCH SHALL BE USED ALONG THE OUTSIDE PERIMETER OF ALL BLANKET AREAS.
5. JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL ECBs EXCEPT STRAW WHICH MAY USE AN OVERLAPPING JOINT.
6. INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF ROLL LENGTH FOR COCONUT AND EXCELSIOR ECBs.
7. OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER FOR ECBs ON SLOPES.
8. MATERIAL SPECIFICATIONS OF ECBs SHALL CONFORM TO TABLE ECB-1.
9. ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING ECBs SHALL BE RESEDED AND MULCHED.
10. DETAILS ON DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION WILL GOVERN IF DIFFERENT FROM THOSE SHOWN HERE.

| TABLE ECB-1. ECB MATERIAL SPECIFICATIONS | | | | |
|--|-----------------|---------------|-------------------|-----------------------|
| TYPE | COCONUT CONTENT | STRAW CONTENT | EXCELSIOR CONTENT | RECOMMENDED NETTING** |
| STRAW* | - | 100% | - | DOUBLE/NATURAL |
| STRAW-COCONUT | 30% MIN | 70% MAX | - | DOUBLE/NATURAL |
| COCONUT | 100% | - | - | DOUBLE/NATURAL |
| EXCELSIOR | - | - | 100% | DOUBLE/NATURAL |

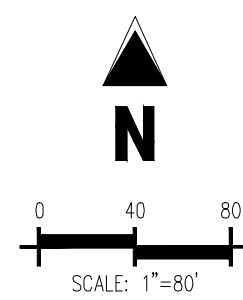
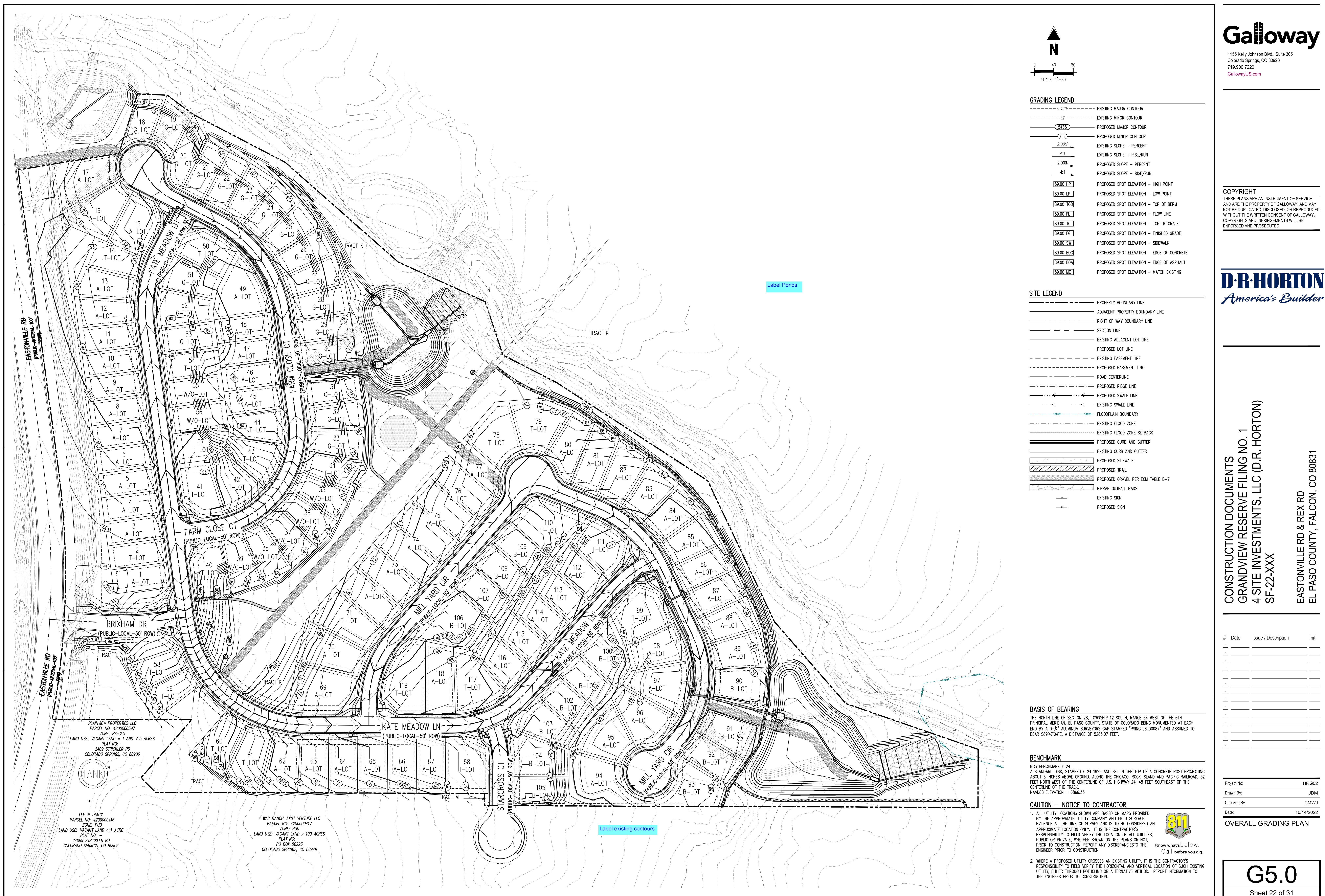
*STRAW ECBs MAY ONLY BE USED OUTSIDE OF STREAMS AND DRAINAGE CHANNELS.
 **ALTERNATE NETTING MAY BE ACCEPTABLE IN SOME JURISDICTIONS.

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Project No: HRG02
 Drawn By: JDM
 Checked By: CMWJ
 Date: 10/14/2022

EROSION CONTROL DETAILS



GRADING LEGEND

| | |
|-----------|--|
| --- | EXISTING MAJOR CONTOUR |
| --- | EXISTING MINOR CONTOUR |
| -465- | PROPOSED MAJOR CONTOUR |
| -65- | PROPOSED MINOR CONTOUR |
| 2.00% | EXISTING SLOPE - PERCENT |
| 4:1 | EXISTING SLOPE - RISE/RUN |
| 2.00% | PROPOSED SLOPE - PERCENT |
| 4:1 | PROPOSED SLOPE - RISE/RUN |
| 89.00 HP | PROPOSED SPOT ELEVATION - HIGH POINT |
| 89.00 LP | PROPOSED SPOT ELEVATION - LOW POINT |
| 89.00 TOB | PROPOSED SPOT ELEVATION - TOP OF BERM |
| 89.00 FL | PROPOSED SPOT ELEVATION - FLOW LINE |
| 89.00 TG | PROPOSED SPOT ELEVATION - TOP OF GRATE |
| 89.00 FG | PROPOSED SPOT ELEVATION - FINISHED GRADE |
| 89.00 SW | PROPOSED SPOT ELEVATION - SIDEWALK |
| 89.00 EDC | PROPOSED SPOT ELEVATION - EDGE OF CONCRETE |
| 89.00 EDA | PROPOSED SPOT ELEVATION - EDGE OF ASPHALT |
| 89.00 ME | PROPOSED SPOT ELEVATION - MATCH EXISTING |

SITE LEGEND

| | |
|-----|-----------------------------------|
| --- | PROPERTY BOUNDARY LINE |
| --- | ADJACENT PROPERTY BOUNDARY LINE |
| --- | RIGHT OF WAY BOUNDARY LINE |
| --- | SECTION LINE |
| --- | EXISTING ADJACENT LOT LINE |
| --- | PROPOSED LOT LINE |
| --- | EXISTING EASEMENT LINE |
| --- | PROPOSED EASEMENT LINE |
| --- | ROAD CENTERLINE |
| --- | PROPOSED RIDGE LINE |
| --- | PROPOSED SWALE LINE |
| --- | EXISTING SWALE LINE |
| --- | FLOODPLAIN BOUNDARY |
| --- | EXISTING FLOOD ZONE |
| --- | EXISTING FLOOD ZONE SETBACK |
| --- | PROPOSED CURB AND GUTTER |
| --- | EXISTING CURB AND GUTTER |
| --- | PROPOSED SIDEWALK |
| --- | PROPOSED TRAIL |
| --- | PROPOSED GRAVEL PER EOM TABLE D-7 |
| --- | RIPPRAP OUTFALL PADS |
| --- | EXISTING SIGN |
| --- | PROPOSED SIGN |

Label Ponds

Label existing contours

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CONSTRUCTION DOCUMENTS
GRANDVIEW RESERVE FILING NO. 1
4 SITE INVESTMENTS, LLC (D.R. HORTON)
SF-22-XXX

EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

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| Checked By: | CMWJ |
| Date: | 10/14/2022 |

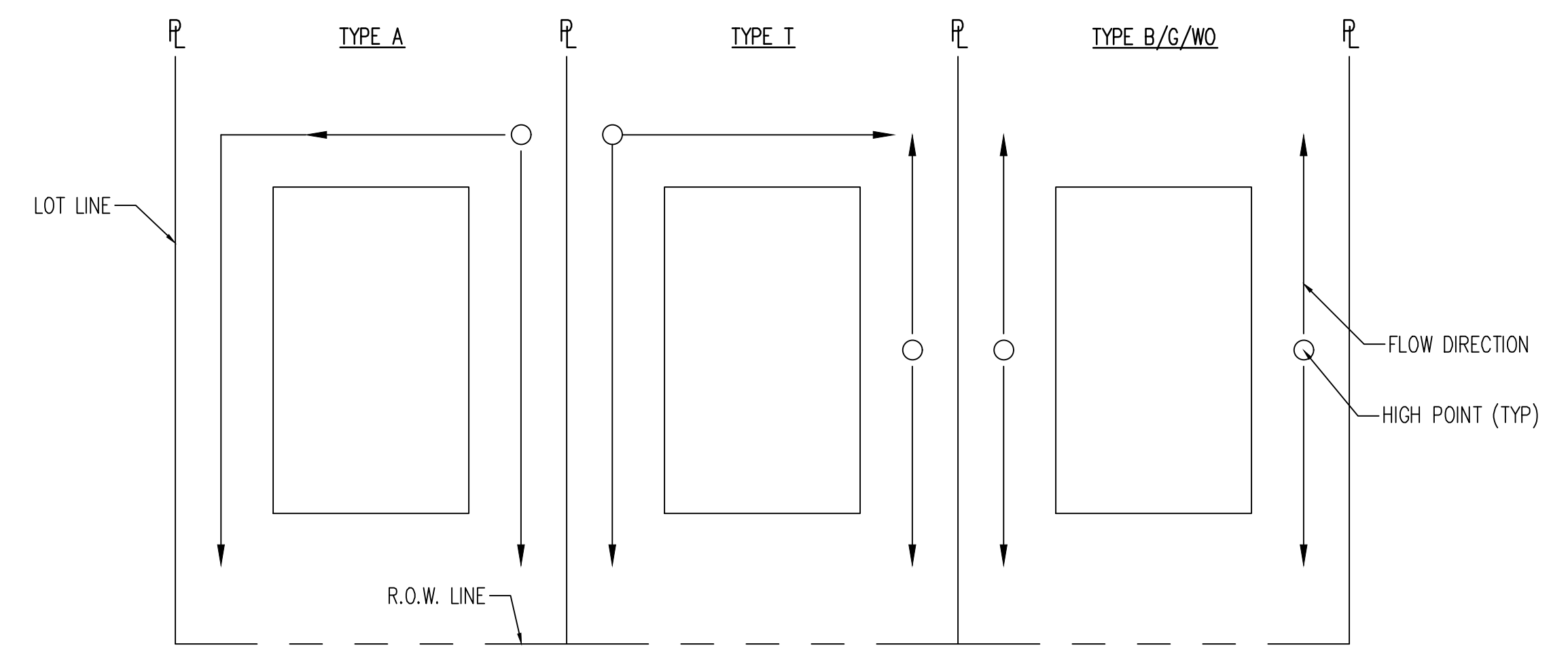
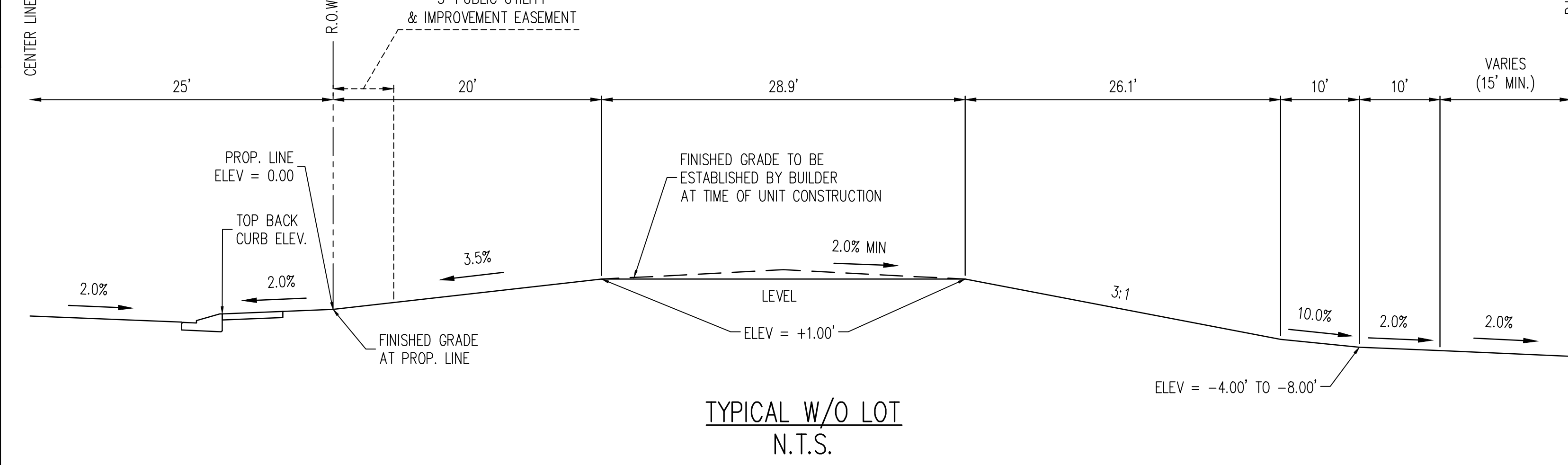
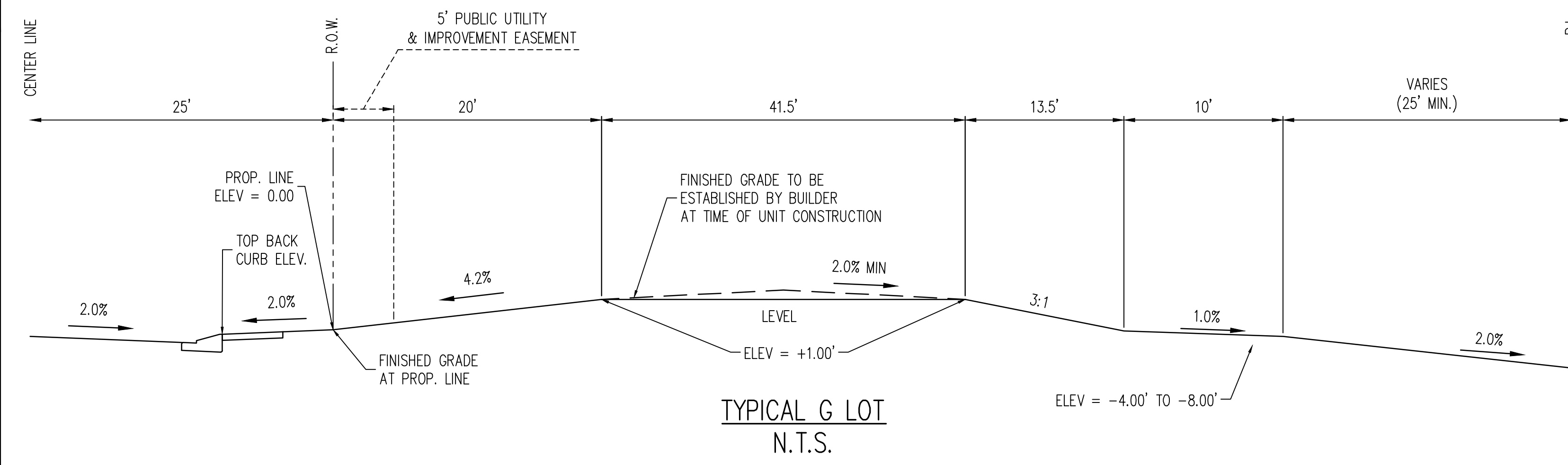
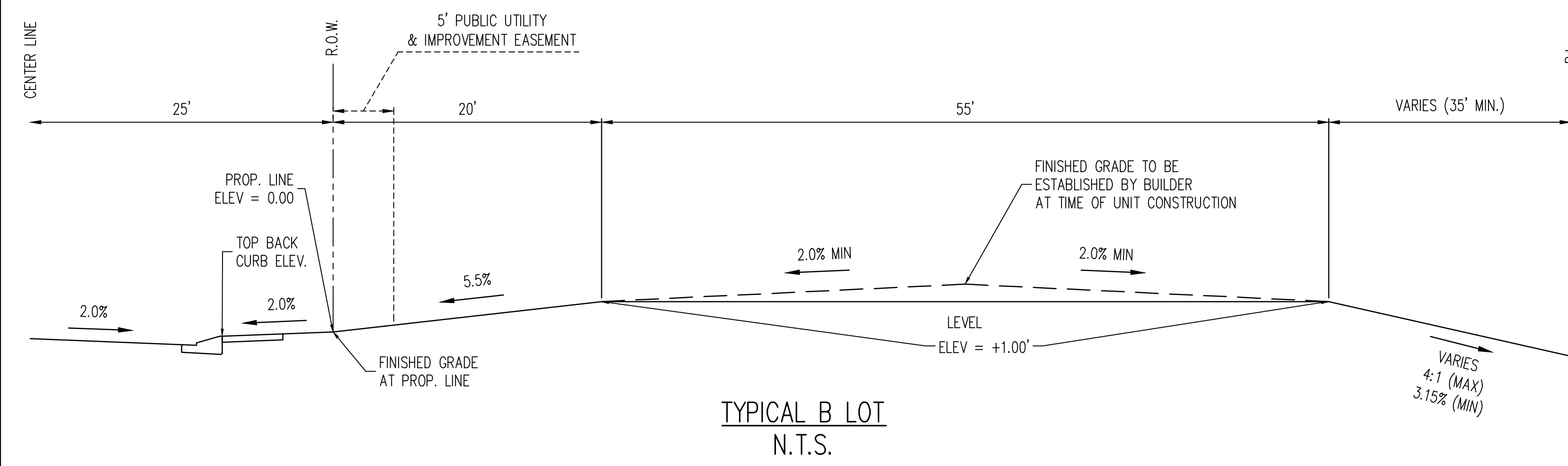
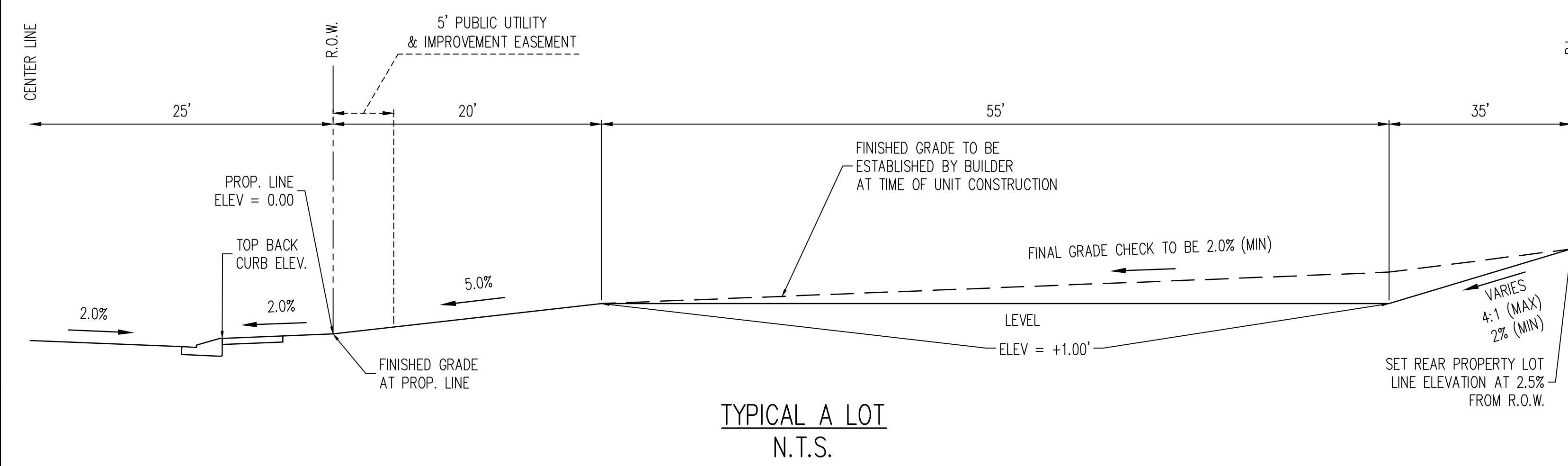
BASIS OF BEARING
THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY A 3-1/2" ALUMINUM SURVEYORS CAP STAMPED "PSS LINC 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK
NMS BENCHMARK F 24
A STANDARD DISK STAMPED F 24 1929 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 6 INCHES ABOVE GROUND, ALONG THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD, 52 FEET NORTHWEST OF THE CENTERLINE OF U.S. HIGHWAY 24, 48 FEET SOUTHEAST OF THE CENTERLINE OF THE TRACK.
NAVD88 ELEVATION = 6866.33

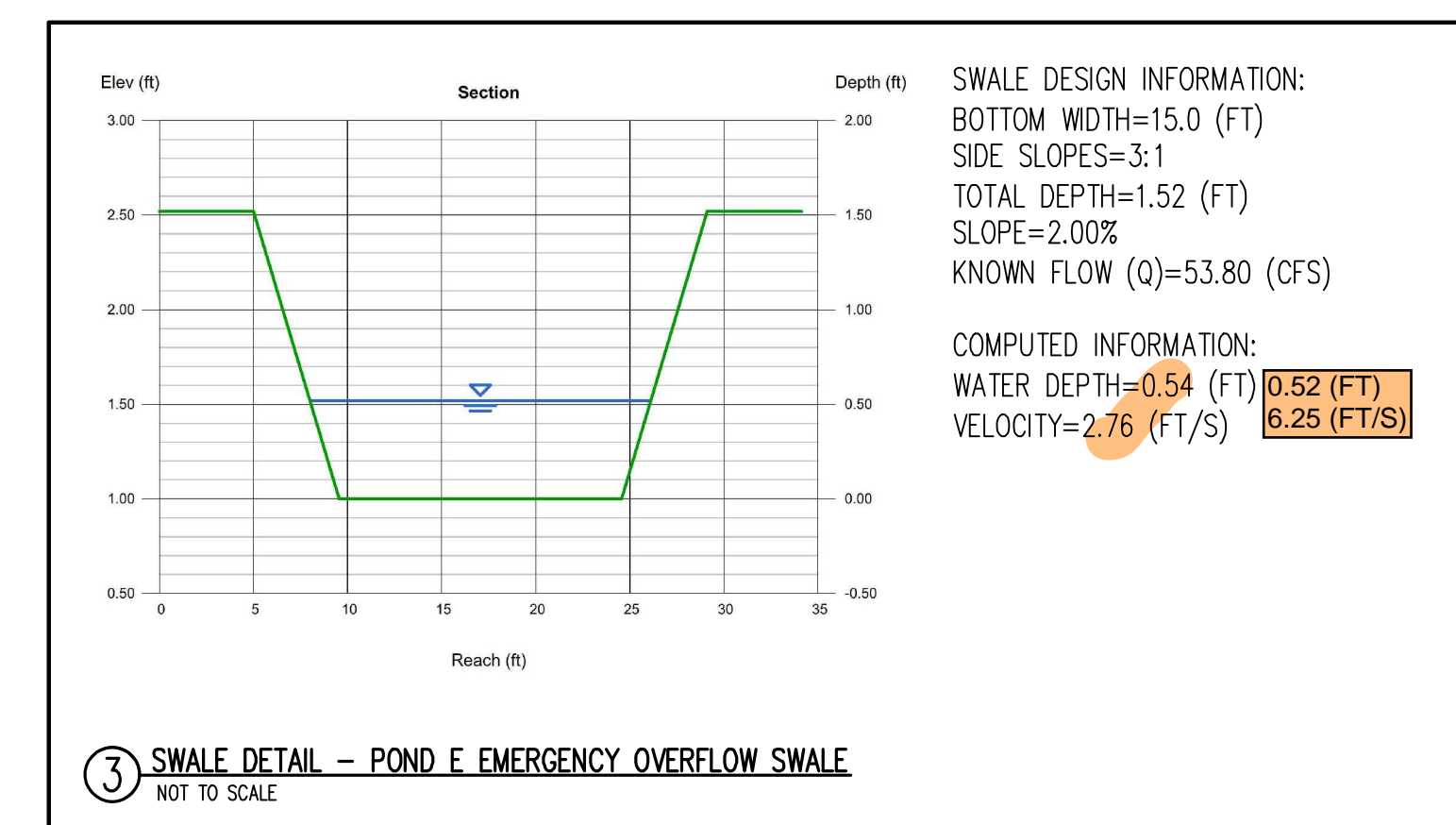
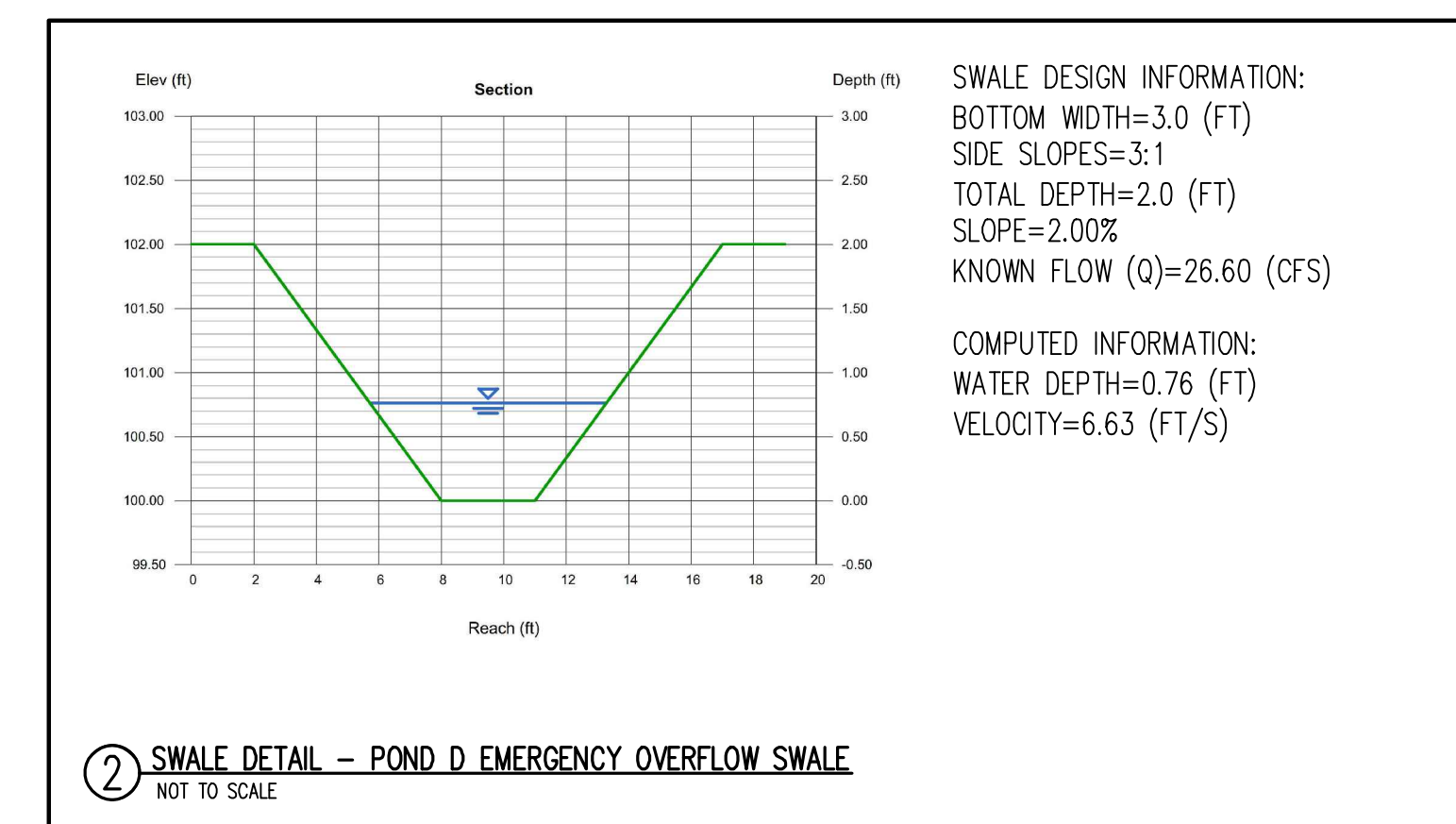
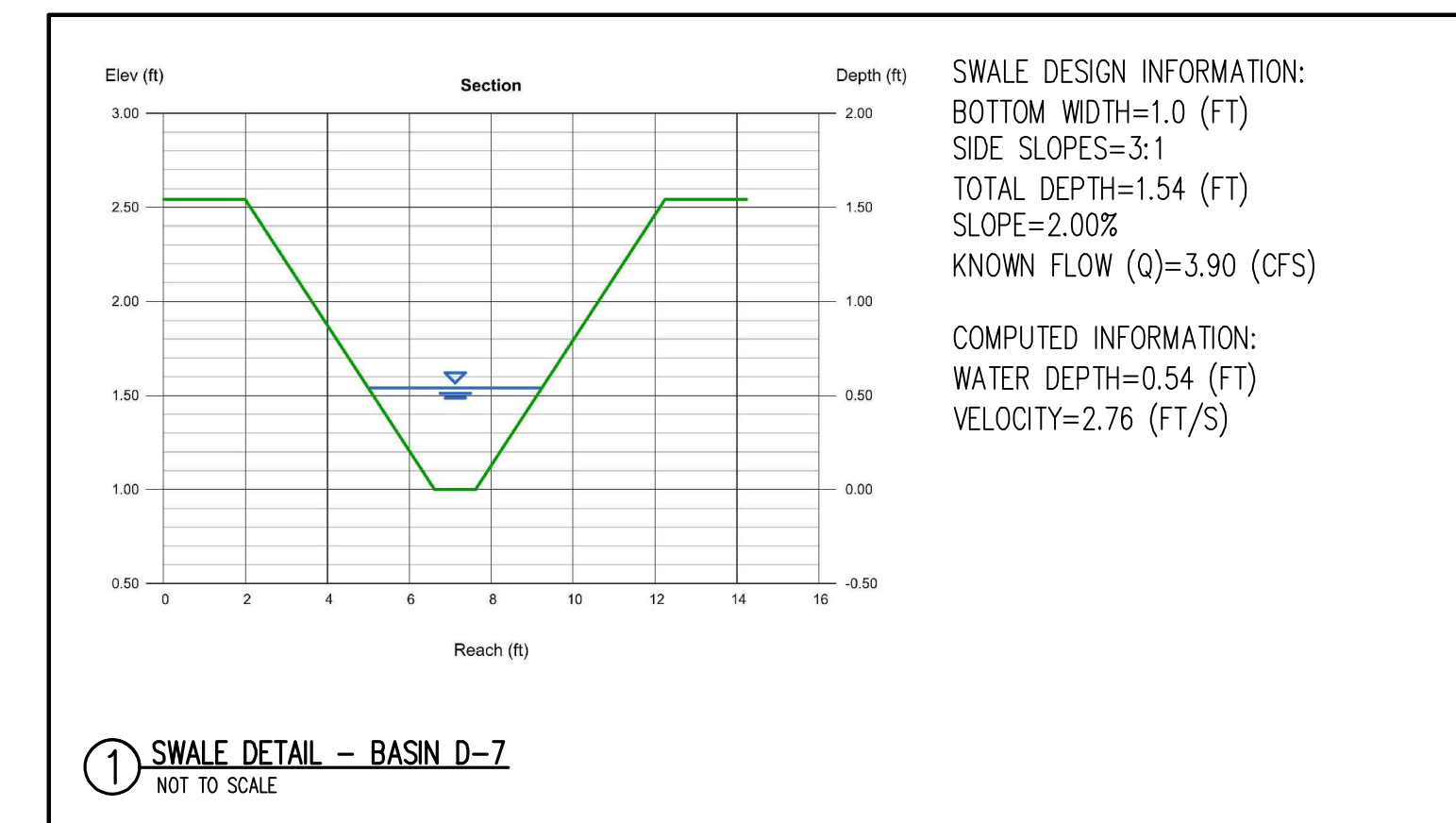
CAUTION - NOTICE TO CONTRACTOR

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- NOTES:
- TRANSITION LOTS IDENTIFIED BY A "T" ARE INCLUDED TO INDICATE LOTS THAT WILL REQUIRE HOME BUILDERS TO PREPARE A SITE SPECIFIC GRADING PLAN TO DETAIL THE GRADING TRANSITION FROM TYPE A/B LOTS TO GARDEN/WALKOUT LOTS
 - THE DEVELOPER/HOME BUILDER SHALL INSTALL SIDE LOT SWALES TO MINIMIZE THE LOT TO LOT DRAINAGE.

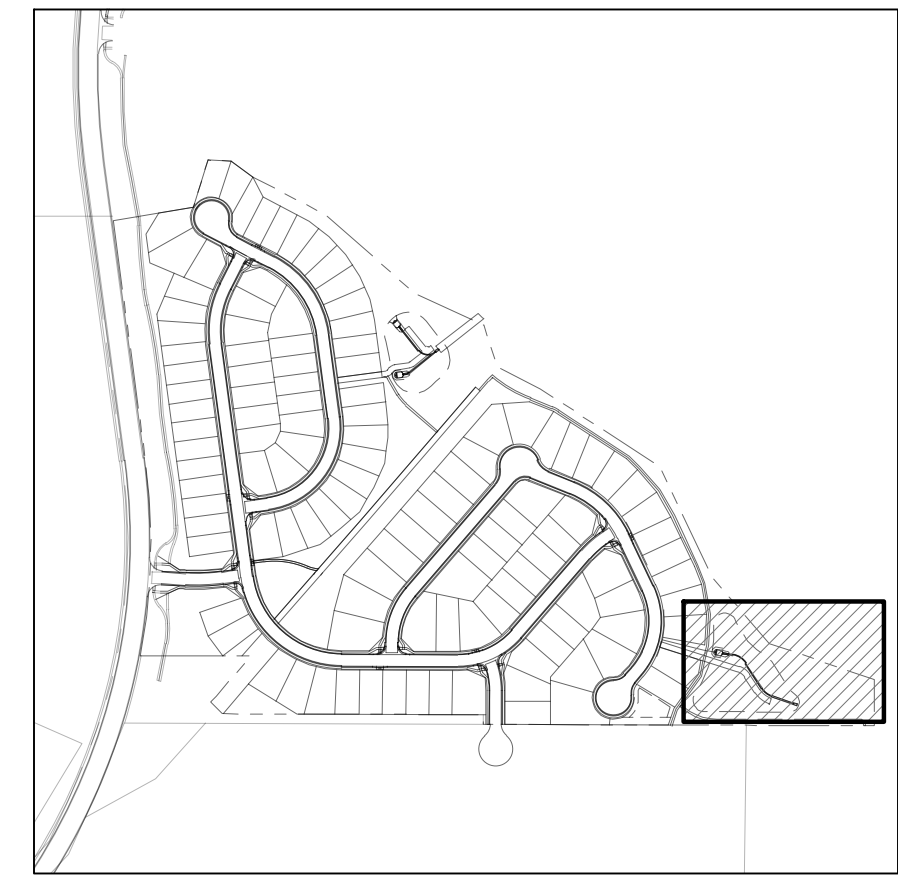


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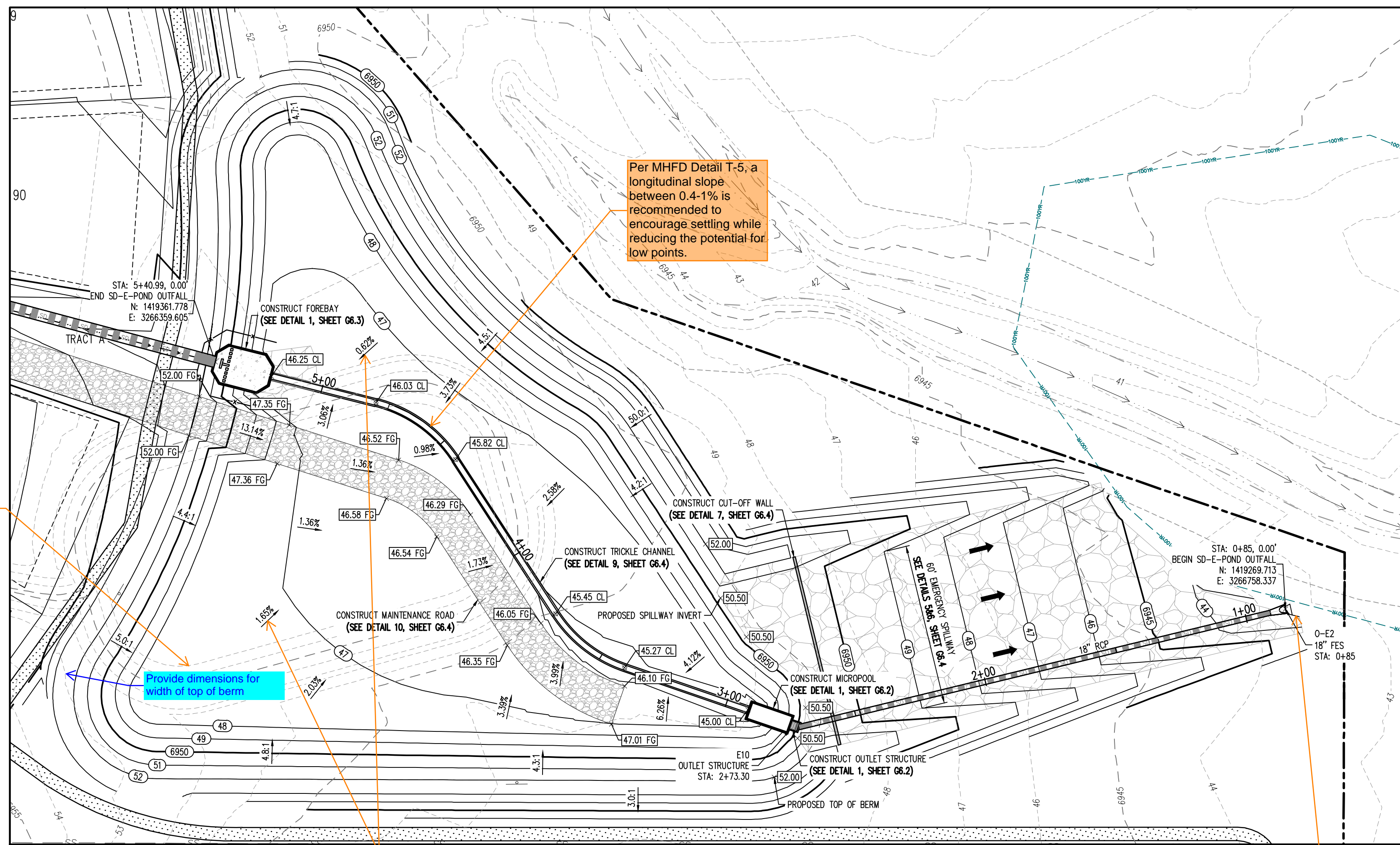
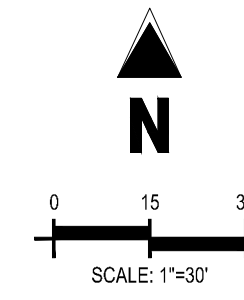
Project No: HRG02
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POND E - PLAN & PROFILE



KEYMAP
SCALE: 1"=500'

Submit a State form for a Non-Jurisdictional Water Impoundment Structure for both ponds and upload to EDARP.



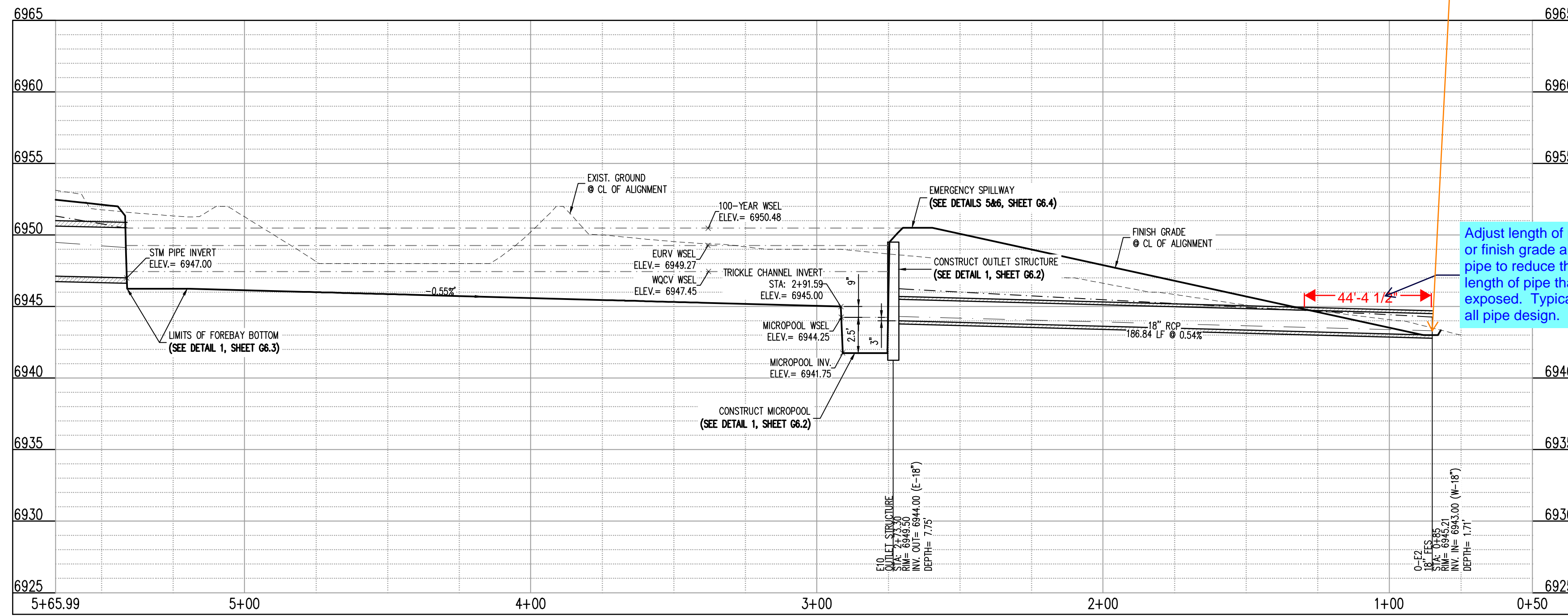
STORM DRAIN LINE PLAN: SD-E-POND OUTFALL (STA: 0+75 - 5+88.56)

SCALE: 1"=30'

| GRADING LEGEND | |
|----------------|--|
| --- 5460 --- | EXISTING MAJOR CONTOUR |
| --- 52 --- | EXISTING MINOR CONTOUR |
| -•-•- 5465 | PROPOSED MAJOR CONTOUR |
| -•-•- 56 | PROPOSED MINOR CONTOUR |
| 4.1 | EXISTING SLOPE - PERCENT |
| 2.00% | EXISTING SLOPE - RISE/RUN |
| 4.1 | PROPOSED SLOPE - PERCENT |
| 2.00% | PROPOSED SLOPE - RISE/RUN |
| 89.00 HP | PROPOSED SPOT ELEVATION - HIGH POINT |
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| 89.00 FG | PROPOSED SPOT ELEVATION - FINISHED GRADE |
| 89.00 SW | PROPOSED SPOT ELEVATION - SIDEWALK |
| 89.00 EOC | PROPOSED SPOT ELEVATION - EDGE OF CONCRETE |
| 89.00 EOA | PROPOSED SPOT ELEVATION - EDGE OF ASPHALT |
| 89.00 ME | PROPOSED SPOT ELEVATION - MATCH EXISTING |

| UTILITY LEGEND | |
|----------------|---------------------------------|
| -W- | EXISTING WATER LINE |
| -W- | PROPOSED WATER LINE |
| -SS- | EXISTING SANITARY SEWER |
| -SS- | PROPOSED SANITARY SEWER |
| -SS- | EXISTING STORM SEWER |
| -SS- | PROPOSED STORM SEWER |
| -G- | EXISTING GAS LINE |
| -G- | PROPOSED GAS LINE |
| -E- | EXISTING STREET LIGHT |
| -E- | PROPOSED STREET LIGHT |
| -E- | EXISTING WATER METER |
| -E- | PROPOSED WATER METER |
| -E- | EXISTING WATER VALVE |
| -E- | PROPOSED WATER VALVE |
| -E- | EXISTING FIRE HYDRANT |
| -E- | PROPOSED FIRE HYDRANT |
| -E- | EXISTING STORM SEWER MANHOLE |
| -E- | PROPOSED STORM SEWER MANHOLE |
| -E- | EXISTING SANITARY SEWER MANHOLE |
| -E- | PROPOSED SANITARY SEWER MANHOLE |

| SITE LEGEND | |
|-------------|-----------------------------------|
| --- | PROPERTY BOUNDARY LINE |
| --- | ADJACENT PROPERTY BOUNDARY LINE |
| --- | RIGHT OF WAY BOUNDARY LINE |
| --- | SECTION LINE |
| --- | EXISTING ADJACENT LOT LINE |
| --- | PROPOSED LOT LINE |
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| --- | PROPOSED EASEMENT LINE |
| --- | ROAD CENTERLINE |
| --- | PROPOSED RIDGE LINE |
| --- | PROPOSED SWALE LINE |
| --- | EXISTING SWALE LINE |
| --- | FLOODPLAIN BOUNDARY |
| --- | EXISTING FLOOD ZONE |
| --- | EXISTING FLOOD ZONE SETBACK |
| --- | PROPOSED CURB AND GUTTER |
| --- | EXISTING CURB AND GUTTER |
| --- | PROPOSED SIDEWALK |
| --- | PROPOSED TRAIL |
| --- | PROPOSED GRAVEL PER EDC TABLE D-7 |
| --- | RRIPRAP OUTFALL PADS |
| --- | EXISTING SIGN |
| --- | PROPOSED SIGN |



STORM DRAIN LINE PROFILE: SD-E-POND OUTFALL (STA: 0+50 - 5+65.99)

SCALE: HORIZONTAL 1"=30', VERTICAL 1"=6'

Per DCMv1 Chap 11.3.3, pond design to include a min. width of 12ft at top of embankment.

Provide dimensions for width of top of berm

Pond bottom should have a minimum slope of 3% to the trickle channel and micropool (USDCM Vol 3, detail T-5). Please adjust to minimize future maintenance needs.

Per MHFD Detail T-5, a longitudinal slope between 0.4-1% is recommended to encourage settling while reducing the potential for low points.

riprap apron?

Adjust length of pipe or finish grade above pipe to reduce the length of pipe that's exposed. Typical for all pipe design.

BASIS OF BEARING

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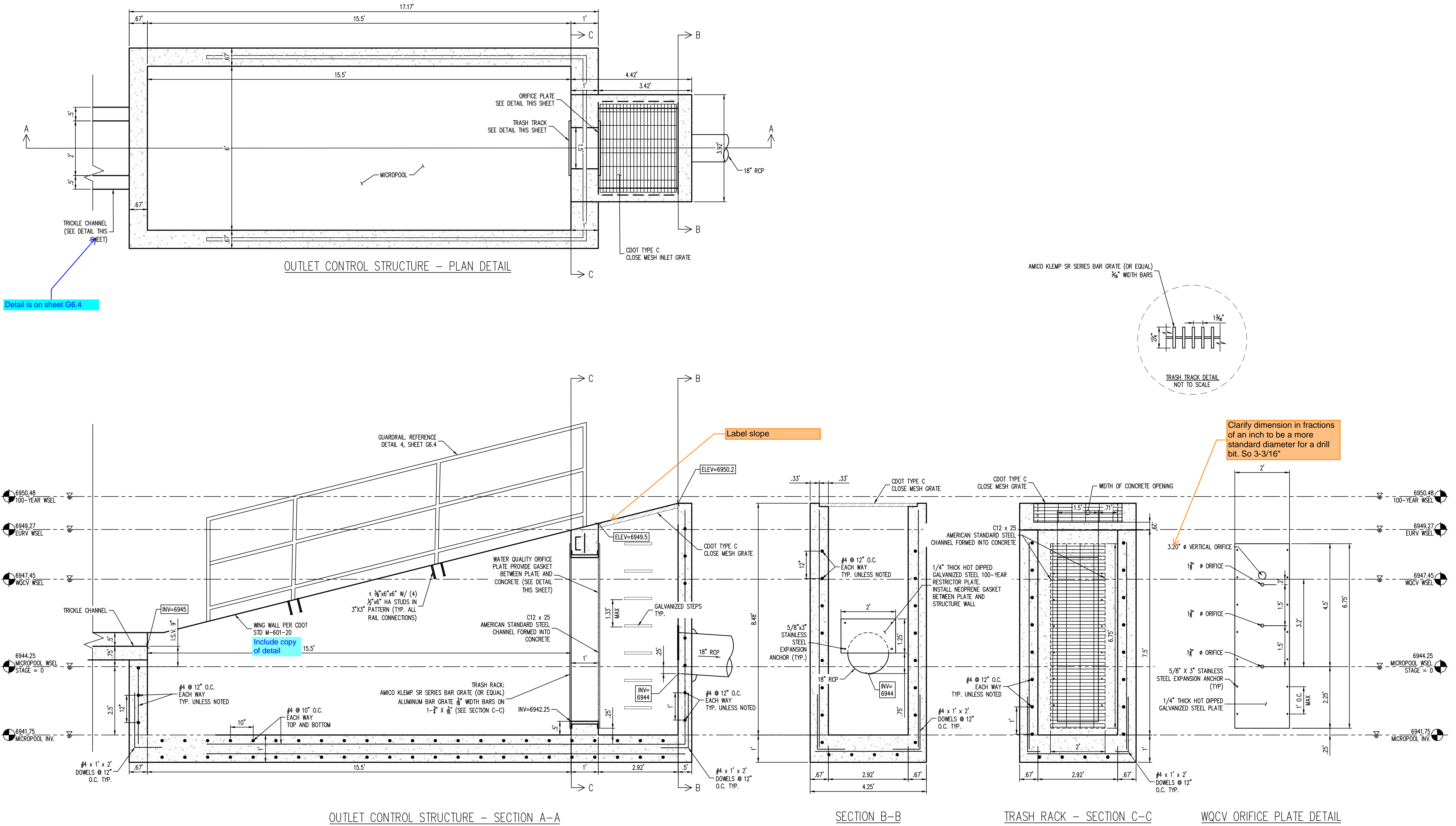


Know what's below.
Call before you dig.

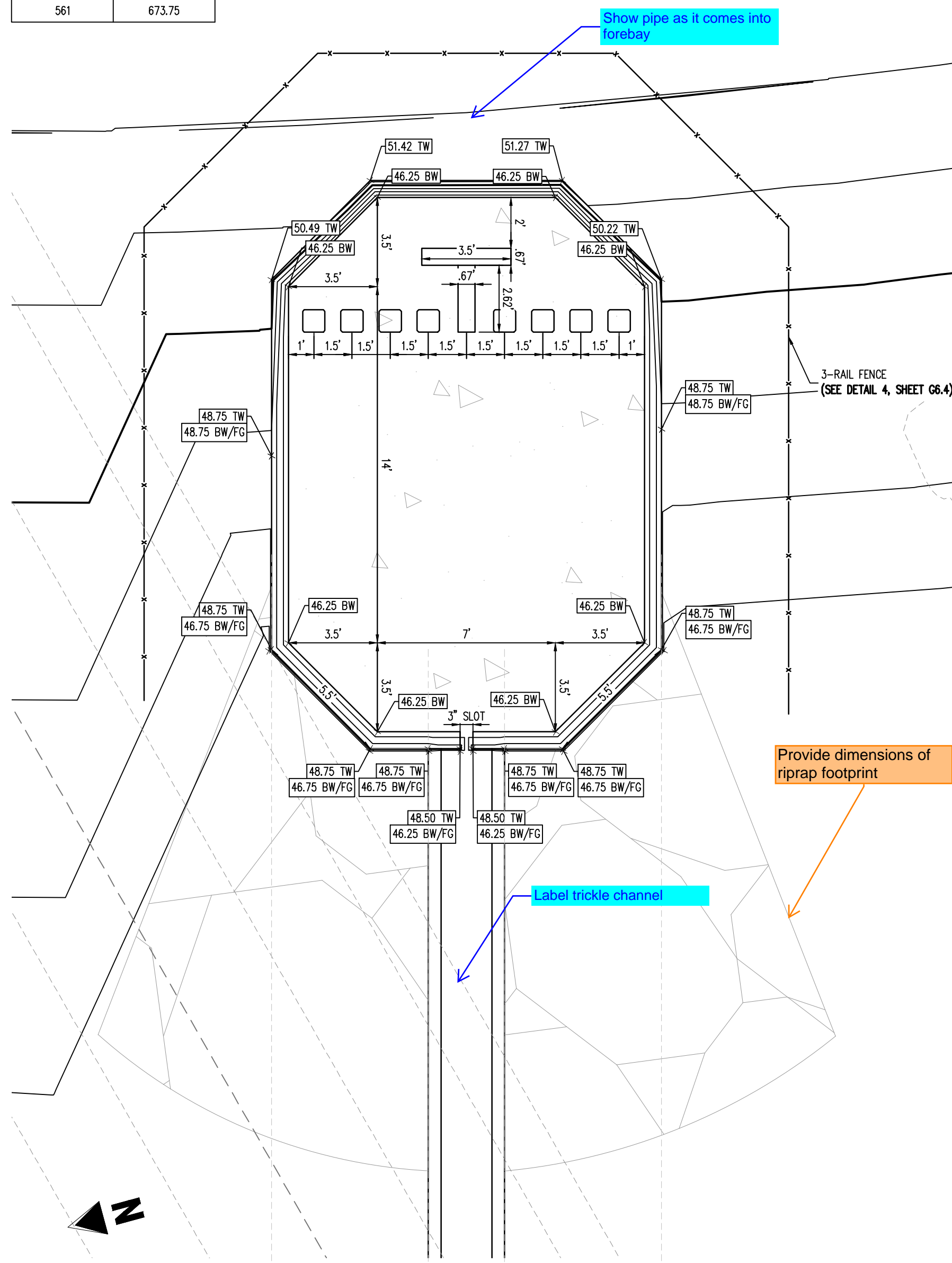
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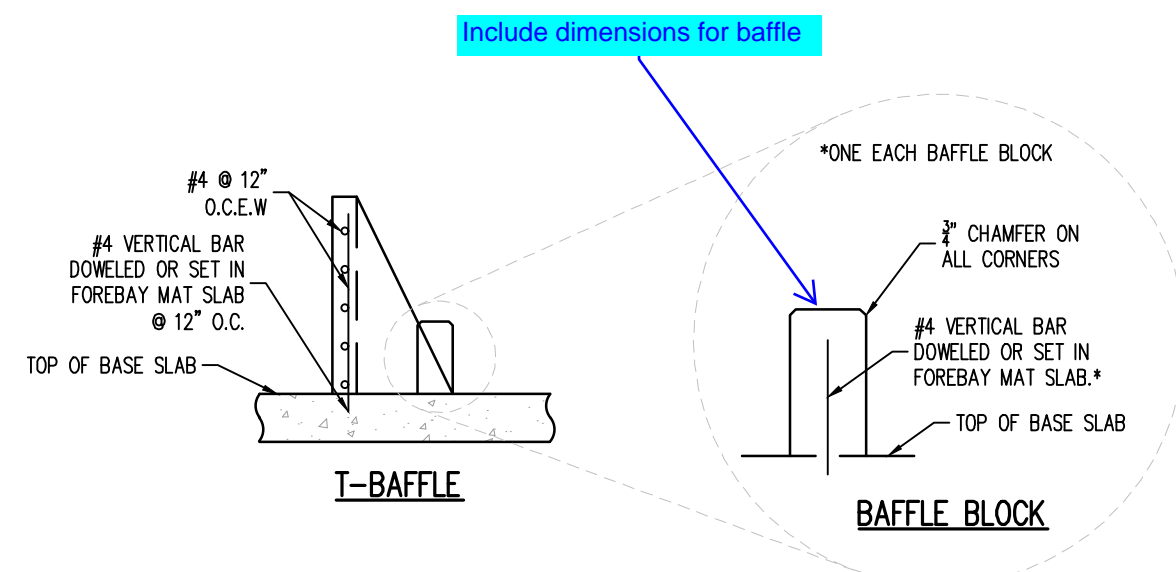
POND E - OUTLET STRUCTURE DETAILS



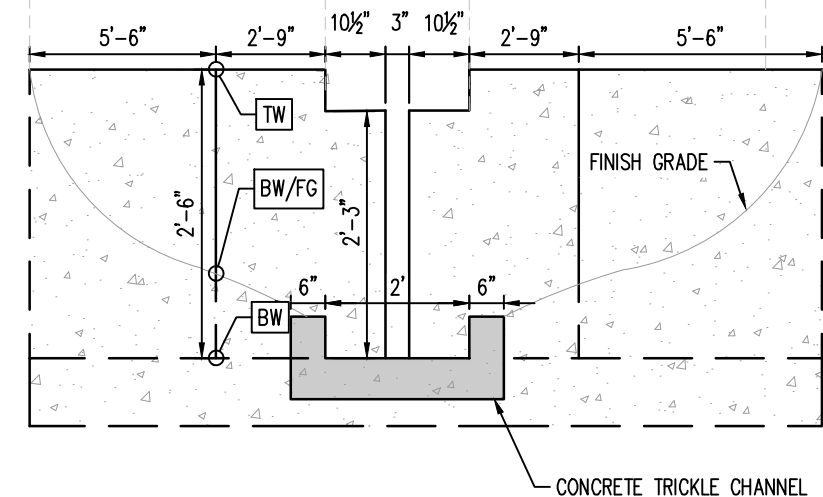
| REQUIRED VOLUME (CU. FT.) | PROVIDED VOLUME (CU. FT.) |
|------------------------------|------------------------------|
| 561 | 673.75 |



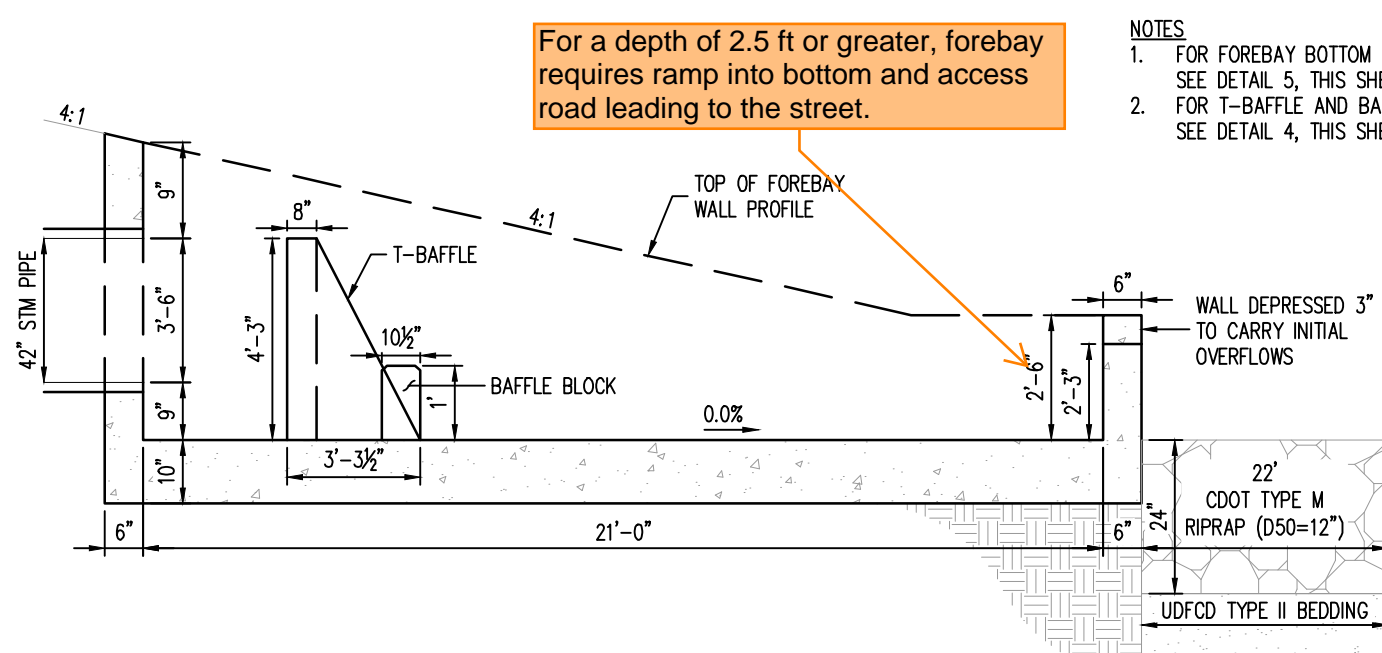
1 FOREBAY - PLAN
SCALE: 1"=4'



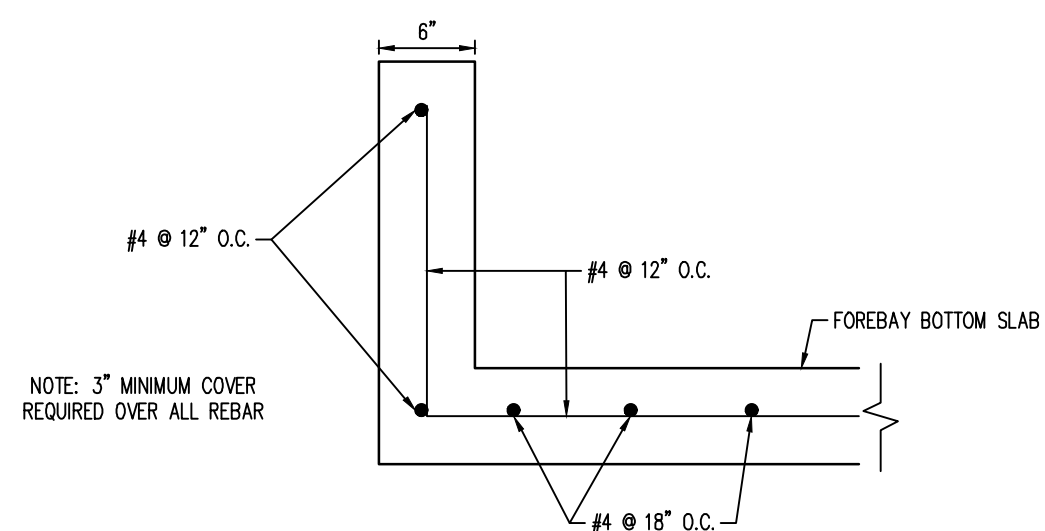
4 FOREBAY - T-BAFFLES & BAFFLE BLOCKS REINFORCING DETAIL
NOT TO SCALE



2 FOREBAY - SLOT DETAIL
NOT TO SCALE



3 FOREBAY - PROFILE DETAIL
NOT TO SCALE



5 FOREBAY - REINFORCING DETAIL
NOT TO SCALE

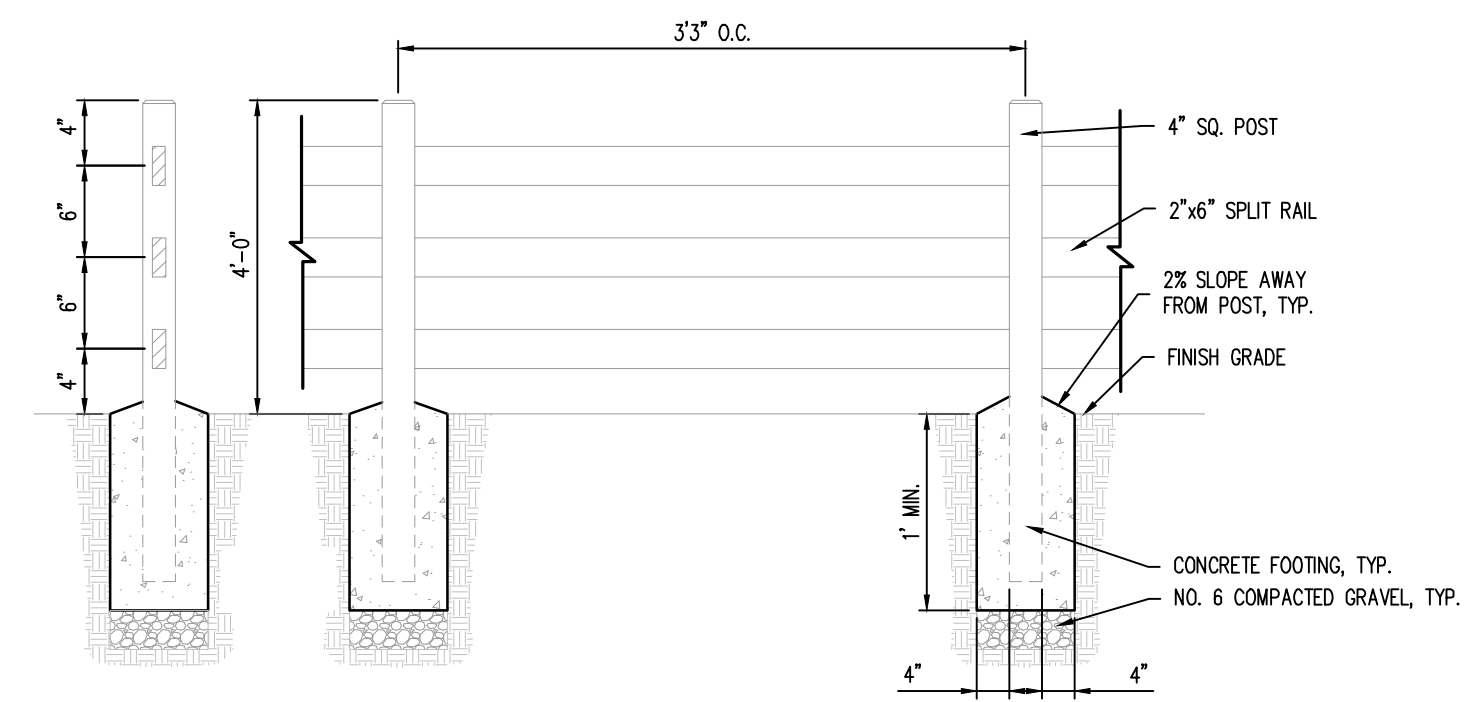
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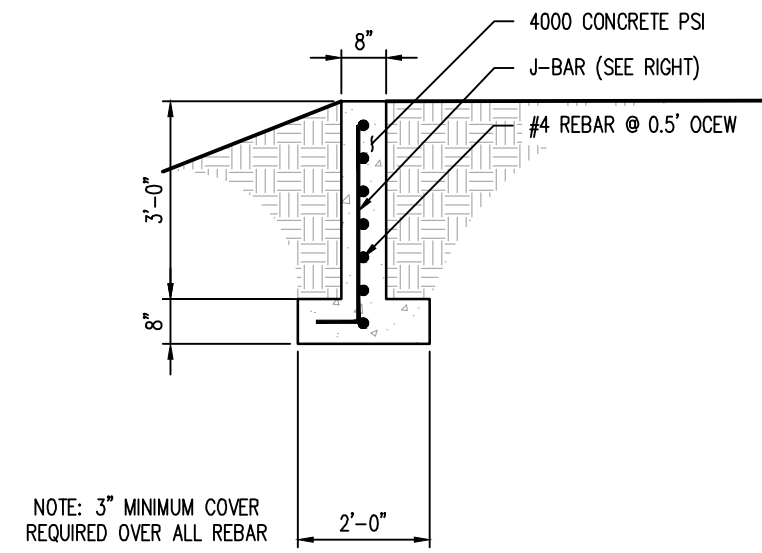
POND E - FOREBAY
DETAILS

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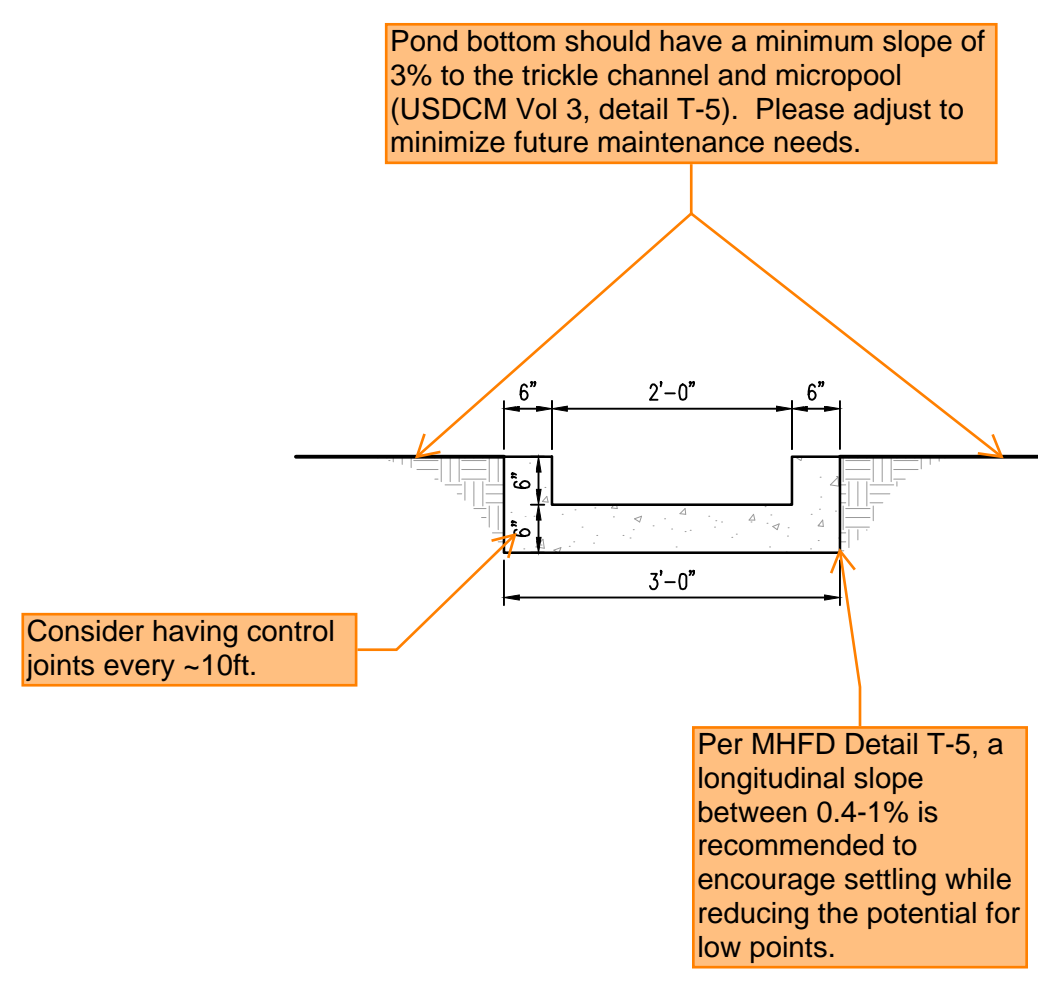
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| Date: | 10/14/2022 |



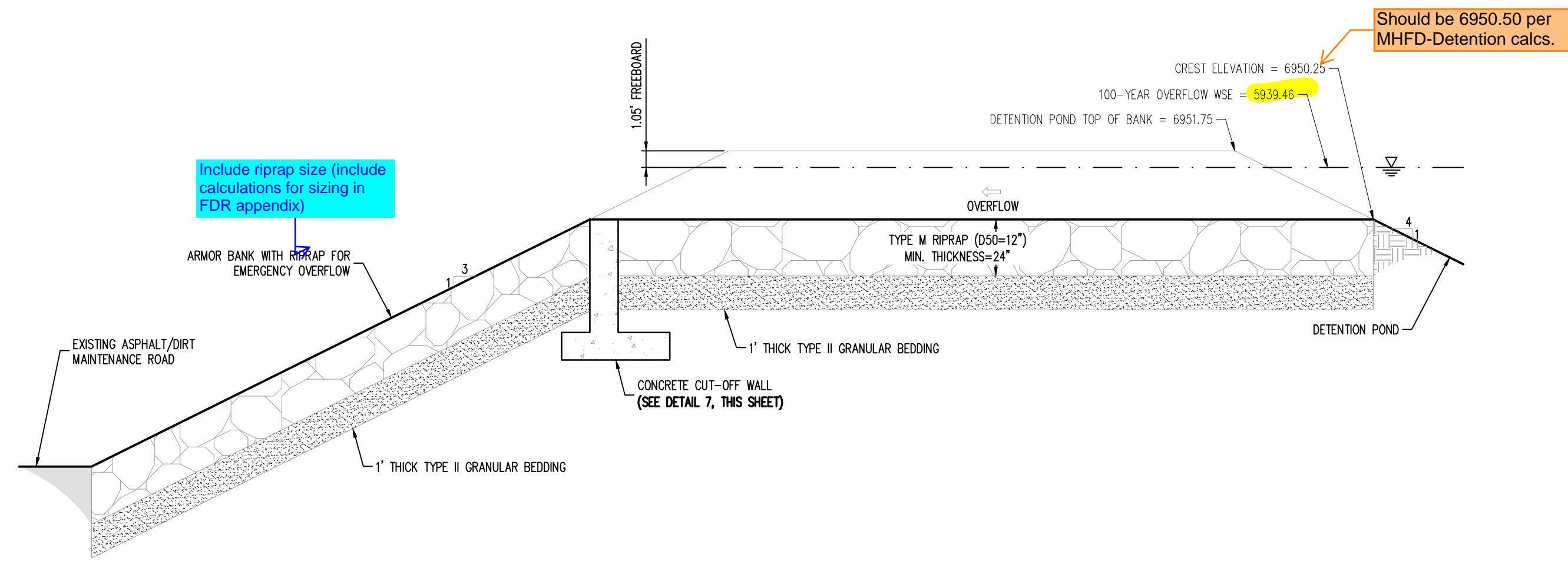
4 3-RAIL FENCE
 NOT TO SCALE



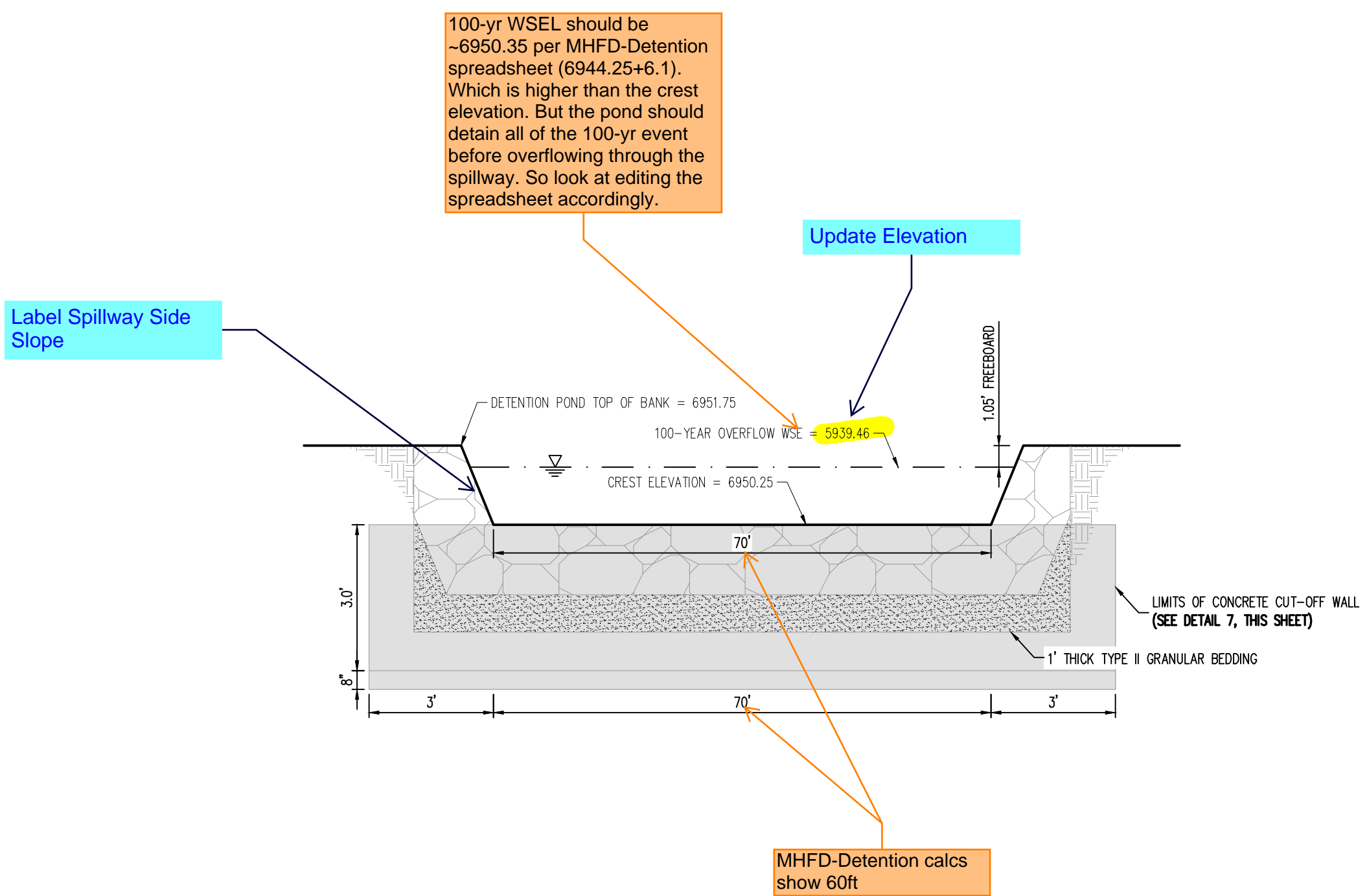
7 CUT-OFF WALL DETAIL
 NOT TO SCALE



9 CONCRETE TRICKLE CHANNEL
 NOT TO SCALE



5 100-YEAR OVERFLOW - PROFILE
 NOT TO SCALE



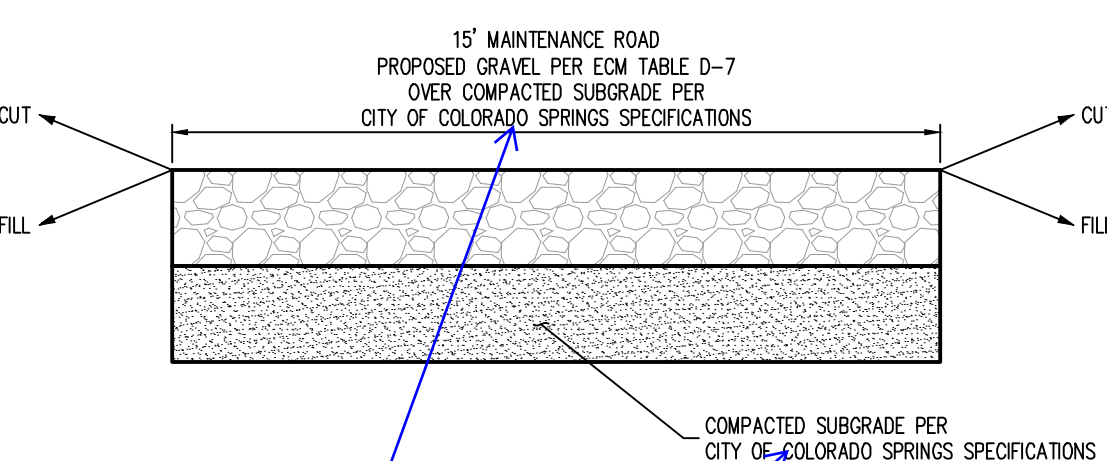
6 100-YEAR OVERFLOW - CROSS SECTION
 NOT TO SCALE

WARNING
 THIS AREA IS A STORMWATER FACILITY
 AND IS SUBJECT TO PERIODIC FLOODING

- NOTES:**
- THREE (3) SIGNS WITH THE ABOVE MESSAGE, EACH WITH A MINIMUM AREA OF 3 SQUARE FEET SHALL BE PROVIDED AROUND THE PERIMETER OF THE DETENTION POND, AS SHOWN ON THESE PLANS.
 - SIGNS SHALL BE DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND.

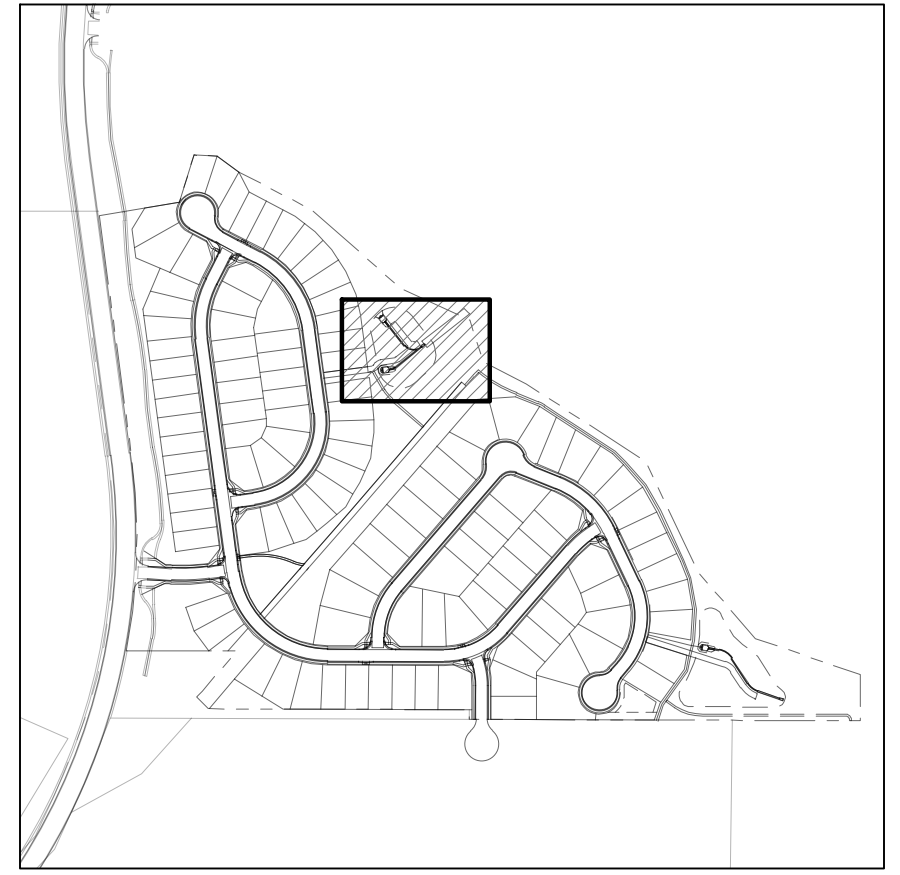
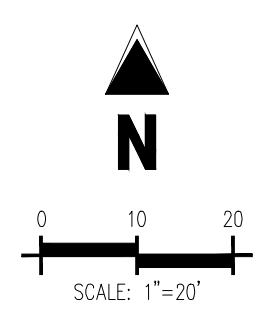
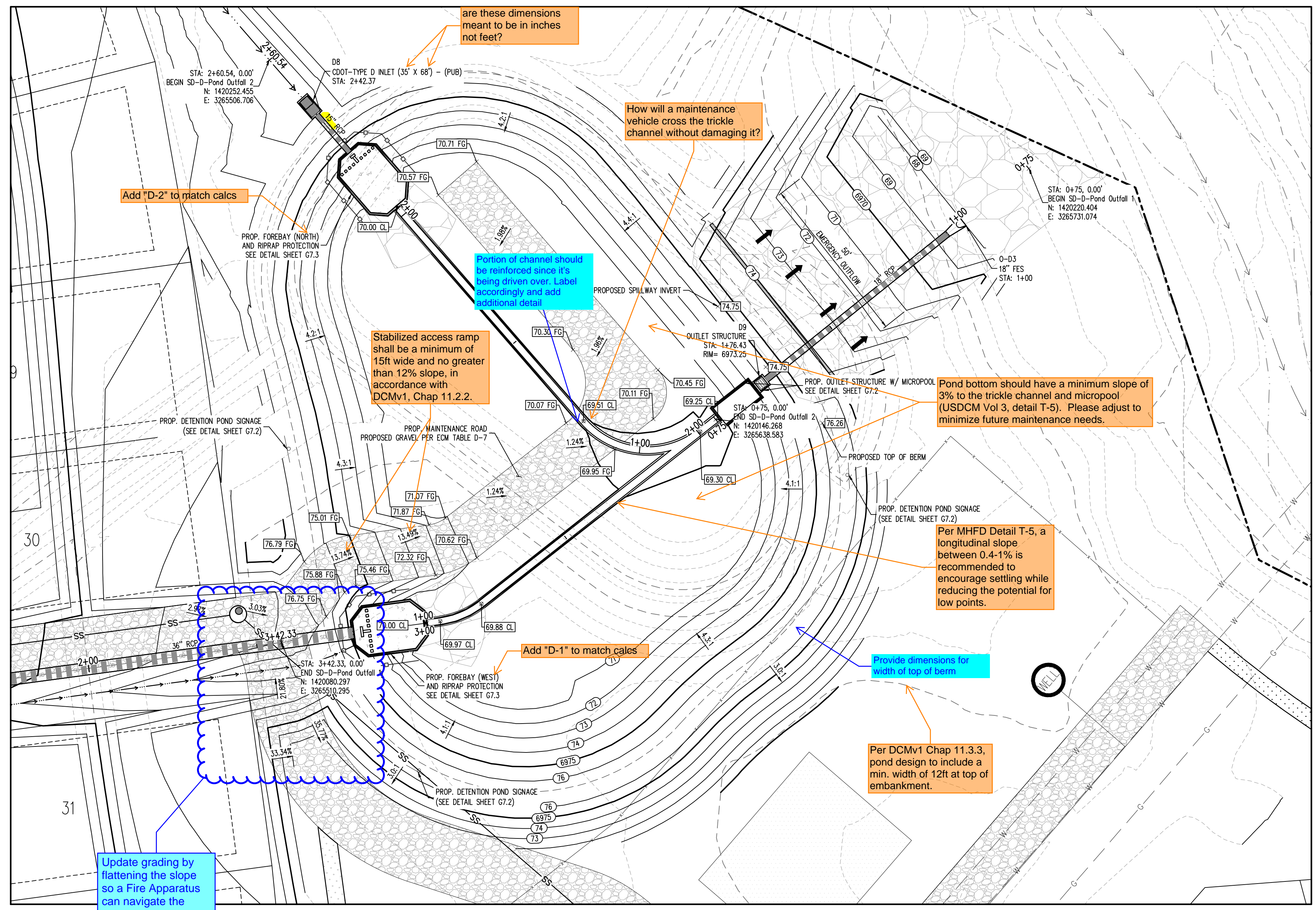
Include callout for pet waste station(s) around the pond, with signage stating that pet waste must be picked up.

8 DETENTION POND SIGNAGE
 NOT TO SCALE



Should be per EPC standards not Colorado Springs. Please revise

10 MAINTENANCE ROAD
 NOT TO SCALE



GRADING LEGEND

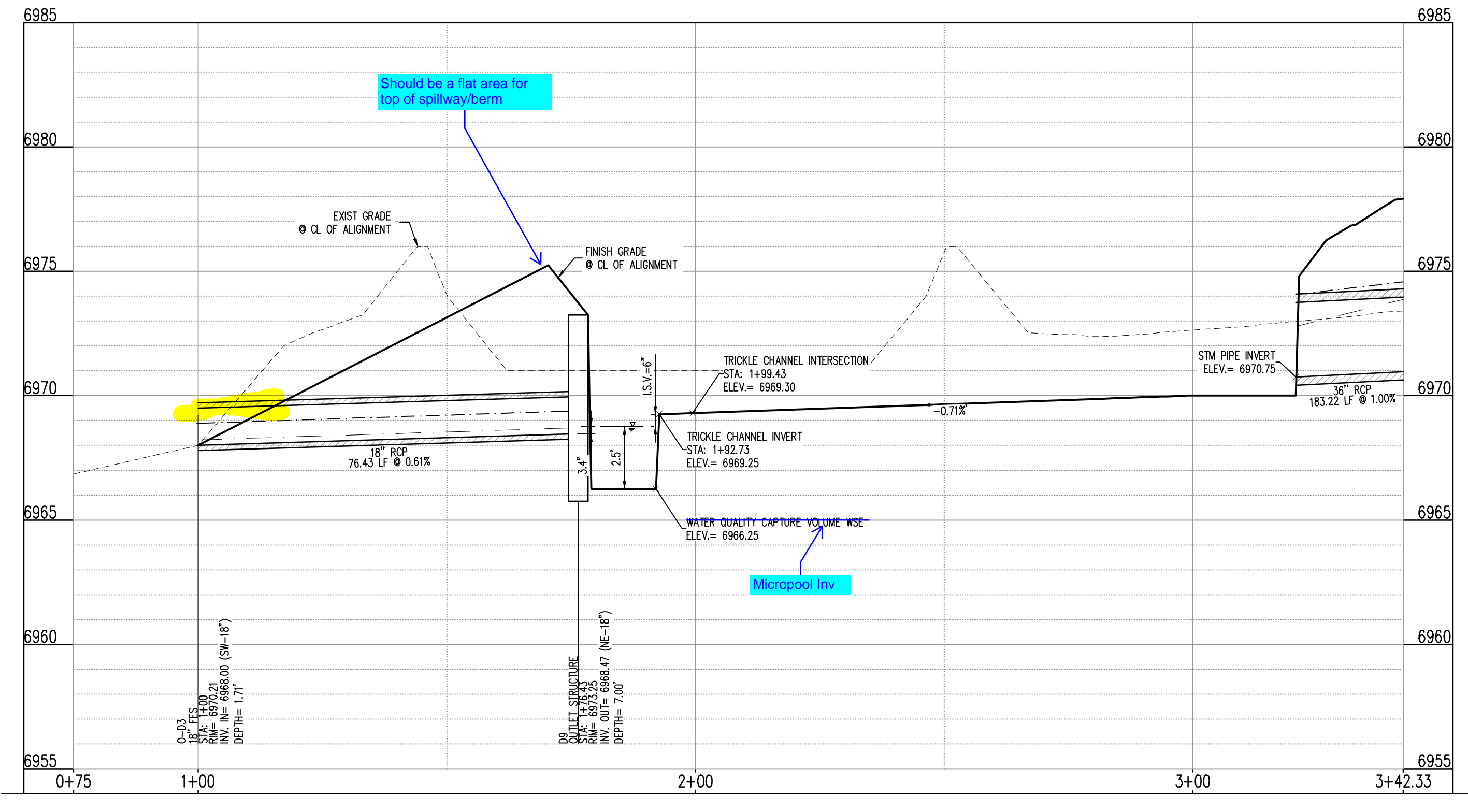
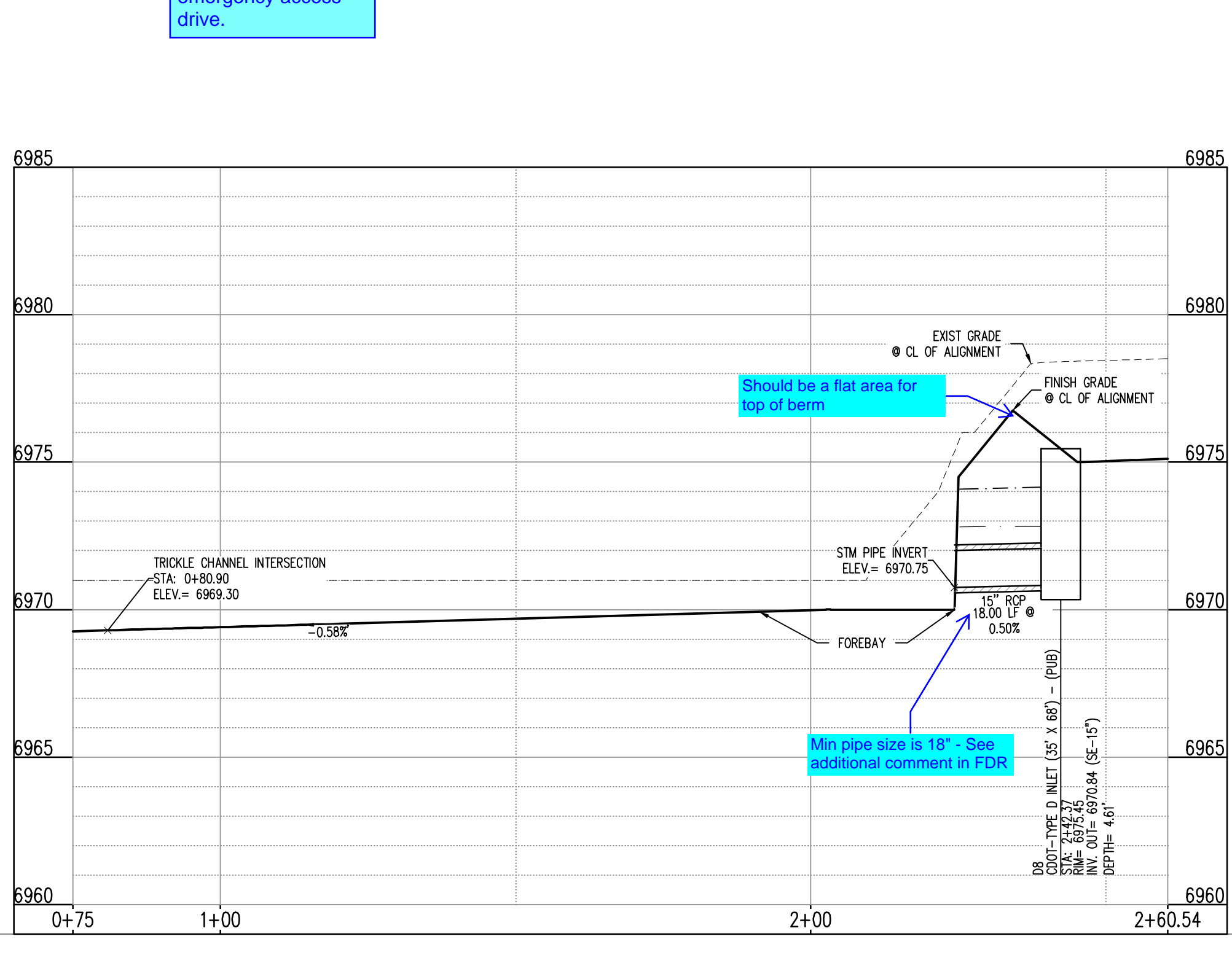
| | |
|-----------|--|
| --- | EXISTING MAJOR CONTOUR |
| --- | EXISTING MINOR CONTOUR |
| --- | PROPOSED MAJOR CONTOUR |
| --- | PROPOSED MINOR CONTOUR |
| --- | EXISTING SLOPE - PERCENT |
| --- | EXISTING SLOPE - RISE/RUN |
| --- | PROPOSED SLOPE - PERCENT |
| --- | PROPOSED SLOPE - RISE/RUN |
| 89.00 HP | PROPOSED SPOT ELEVATION - HIGH POINT |
| 89.00 LP | PROPOSED SPOT ELEVATION - LOW POINT |
| 89.00 TOB | PROPOSED SPOT ELEVATION - TOP OF BERM |
| 89.00 FL | PROPOSED SPOT ELEVATION - FLOW LINE |
| 89.00 TG | PROPOSED SPOT ELEVATION - TOP OF GRATE |
| 89.00 FG | PROPOSED SPOT ELEVATION - FINISHED GRADE |
| 89.00 SW | PROPOSED SPOT ELEVATION - SIDEWALK |
| 89.00 EOC | PROPOSED SPOT ELEVATION - EDGE OF CONCRETE |
| 89.00 EOA | PROPOSED SPOT ELEVATION - EDGE OF ASPHALT |
| 89.00 ME | PROPOSED SPOT ELEVATION - MATCH EXISTING |

UTILITY LEGEND

| | |
|-----|---------------------------------|
| --- | EXISTING WATER LINE |
| --- | PROPOSED WATER LINE |
| --- | EXISTING SANITARY SEWER |
| --- | PROPOSED SANITARY SEWER |
| --- | EXISTING STORM SEWER |
| --- | PROPOSED STORM SEWER |
| --- | EXISTING GAS LINE |
| --- | PROPOSED GAS LINE |
| ○ | EXISTING STREET LIGHT |
| ○ | PROPOSED STREET LIGHT |
| ○ | PROPOSED WATER METER |
| ○ | EXISTING WATER VALVE |
| ○ | PROPOSED WATER VALVE |
| ○ | EXISTING FIRE HYDRANT |
| ○ | PROPOSED FIRE HYDRANT |
| ○ | EXISTING STORM SEWER MANHOLE |
| ○ | PROPOSED STORM SEWER MANHOLE |
| ○ | EXISTING SANITARY SEWER MANHOLE |
| ○ | PROPOSED SANITARY SEWER MANHOLE |

SITE LEGEND

| | |
|-----|-----------------------------------|
| --- | PROPERTY BOUNDARY LINE |
| --- | ADJACENT PROPERTY BOUNDARY LINE |
| --- | RIGHT OF WAY BOUNDARY LINE |
| --- | SECTION LINE |
| --- | EXISTING ADJACENT LOT LINE |
| --- | PROPOSED LOT LINE |
| --- | EXISTING EASEMENT LINE |
| --- | PROPOSED EASEMENT LINE |
| --- | ROAD CENTERLINE |
| --- | PROPOSED RIDGE LINE |
| --- | PROPOSED SWALE LINE |
| --- | EXISTING SWALE LINE |
| --- | FLOODPLAIN BOUNDARY |
| --- | EXISTING FLOOD ZONE |
| --- | EXISTING FLOOD ZONE SETBACK |
| --- | PROPOSED CURB AND GUTTER |
| --- | EXISTING CURB AND GUTTER |
| --- | PROPOSED SIDEWALK |
| --- | PROPOSED TRAIL |
| --- | PROPOSED GRAVEL PER EGM TABLE D-7 |
| --- | RIPRAP OUTFALL PADS |
| --- | EXISTING SIGN |
| --- | PROPOSED SIGN |



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CONSTRUCTION DOCUMENTS
GRANDVIEW RESERVE FILING NO. 1
4 SITE INVESTMENTS, LLC (D.R. HORTON)
SF-22-XXX
EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

| # | Date | Issue / Description | Init. |
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BASIS OF BEARING
THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY A 3-1/2" ALUMINUM SURVEYORS CAP STAMPED "PSINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK
N/S BENCHMARK F 24
A STANDARD DISK, STAMPED F 24 1929 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 6 INCHES ABOVE GROUND, ALONG THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD, 52 FEET NORTHWEST OF THE CENTERLINE OF U.S. HIGHWAY 24, 48 FEET SOUTHEAST OF THE CENTERLINE OF THE TRACK.
NAVD88 ELEVATION = 6866.33

CAUTION - NOTICE TO CONTRACTOR

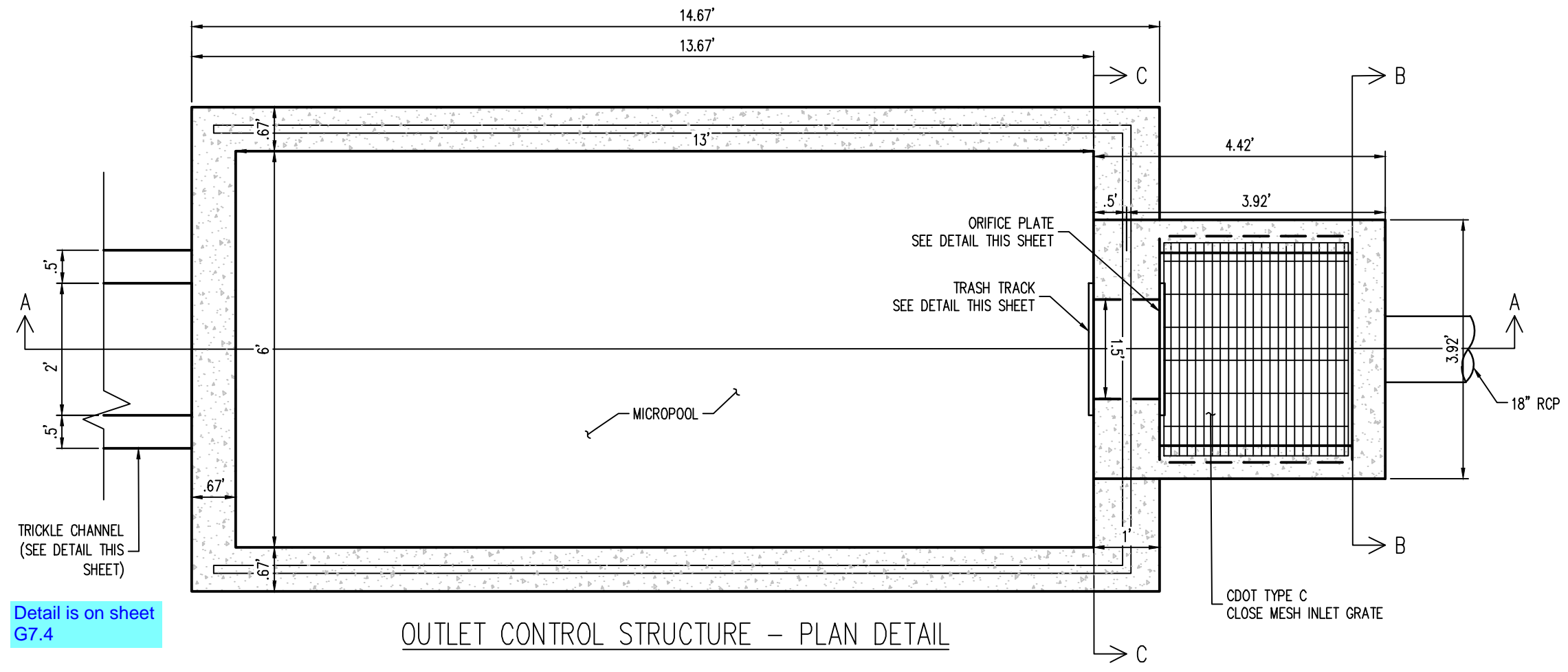
- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



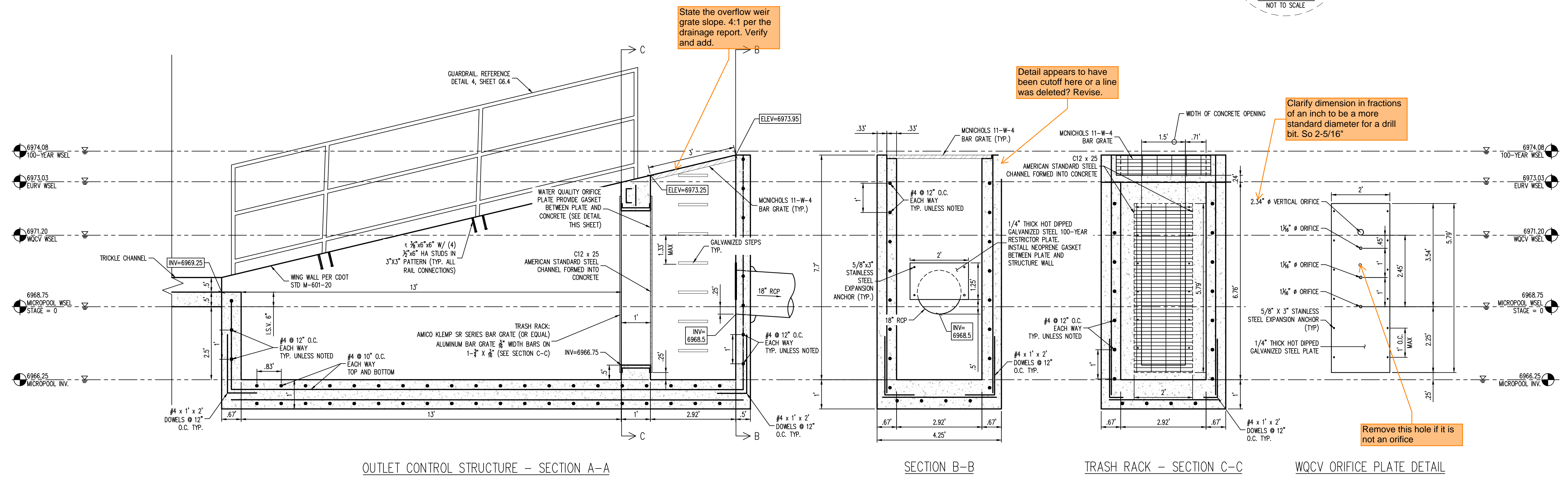
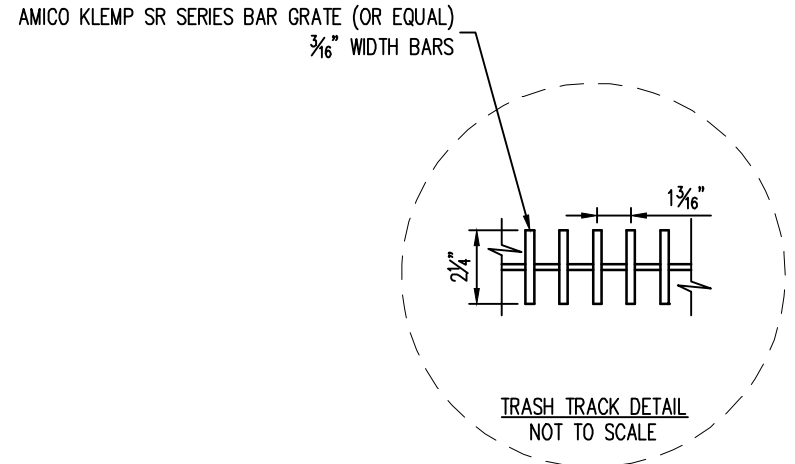
Project No: HRG02
Drawn By: JDM
Checked By: CMWJ
Date: 10/14/2022

| # | Date | Issue / Description | Init. |
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| Project No: | HRG02 |
| Drawn By: | JDM |
| Checked By: | CMWJ |
| Date: | 10/14/2022 |



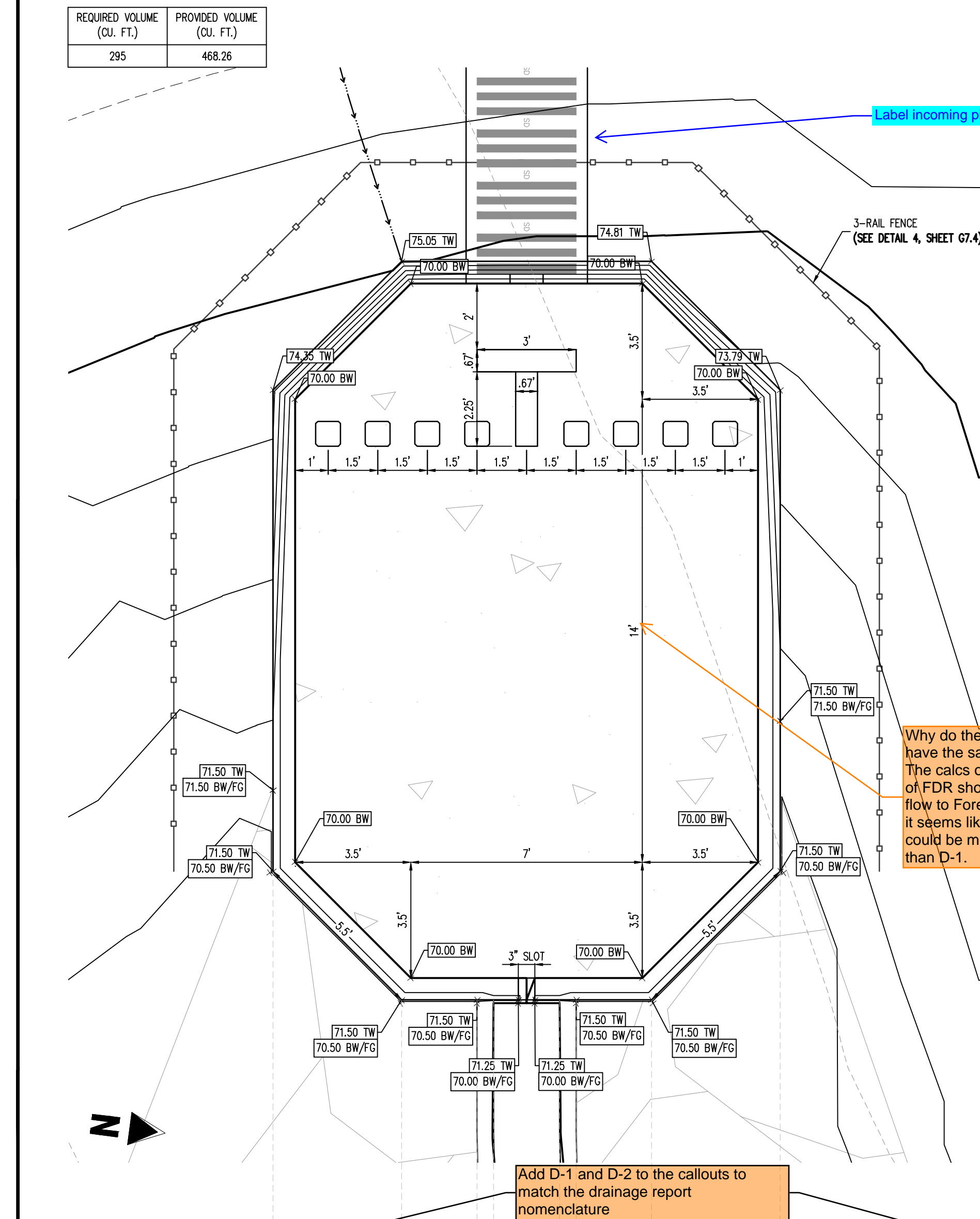
Detail is on sheet G7.4



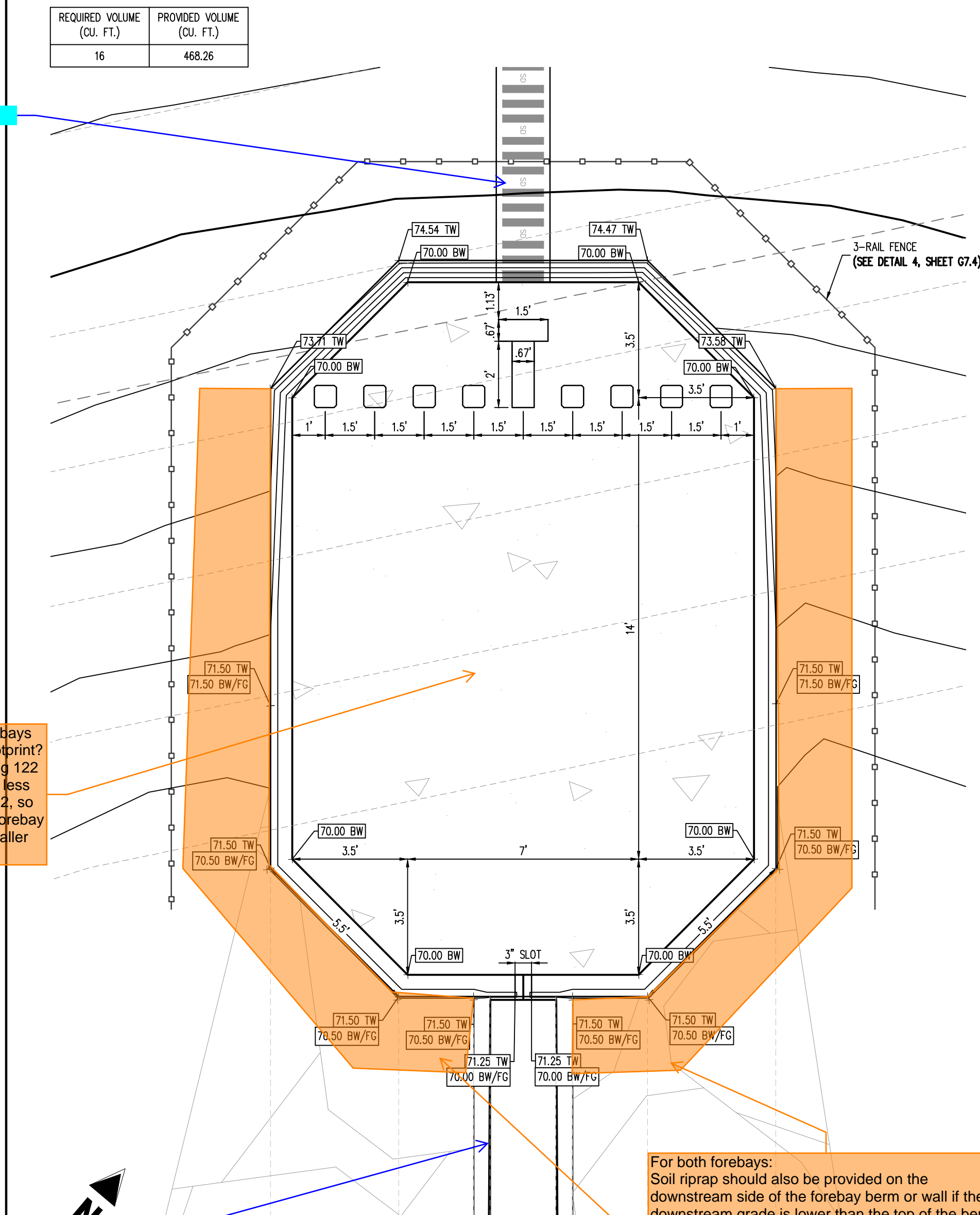
| # | Date | Issue / Description | Init. |
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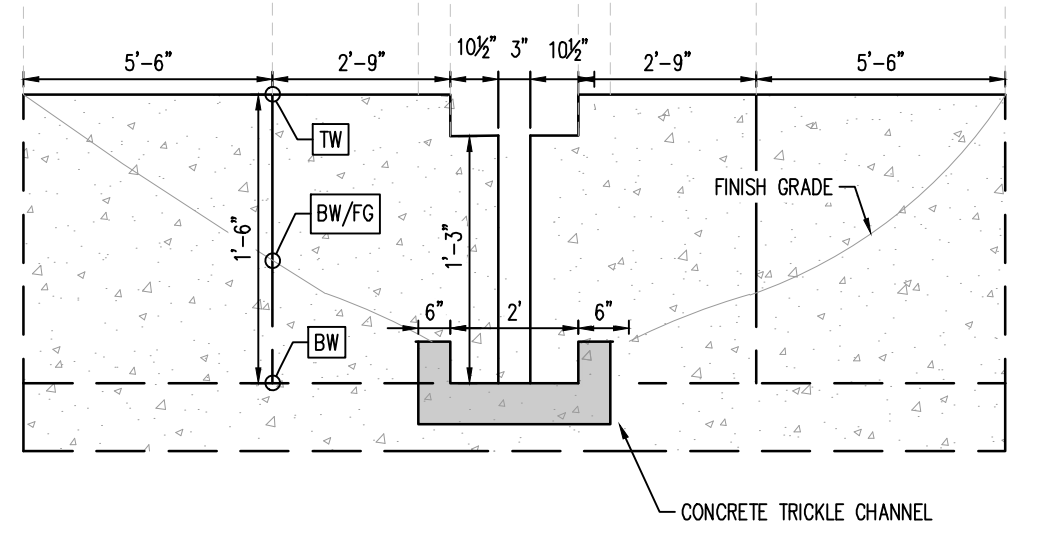
POND D - FOREBAY
 DETAILS



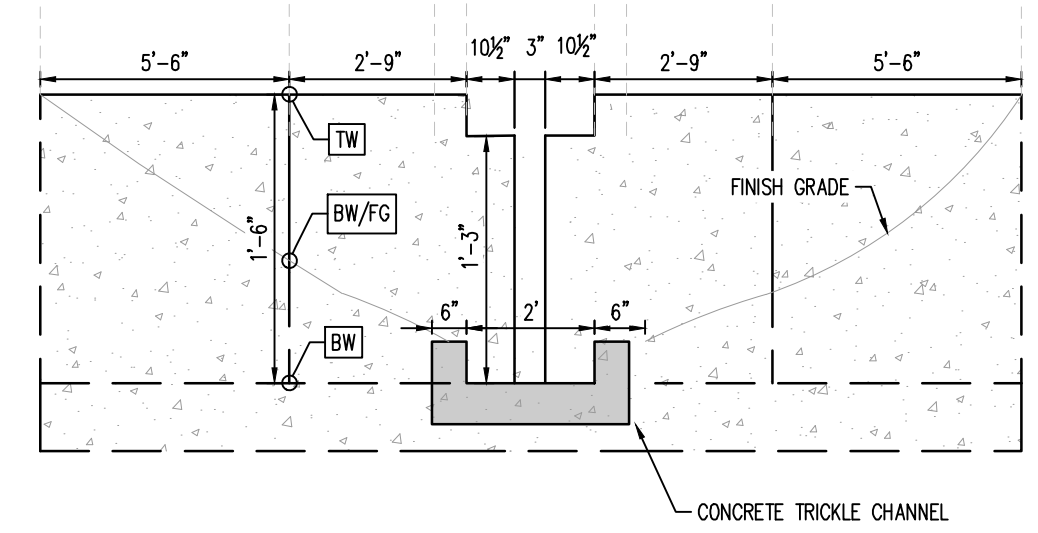
1 FOREBAY (WEST) - PLAN
 SCALE: 1"=3'



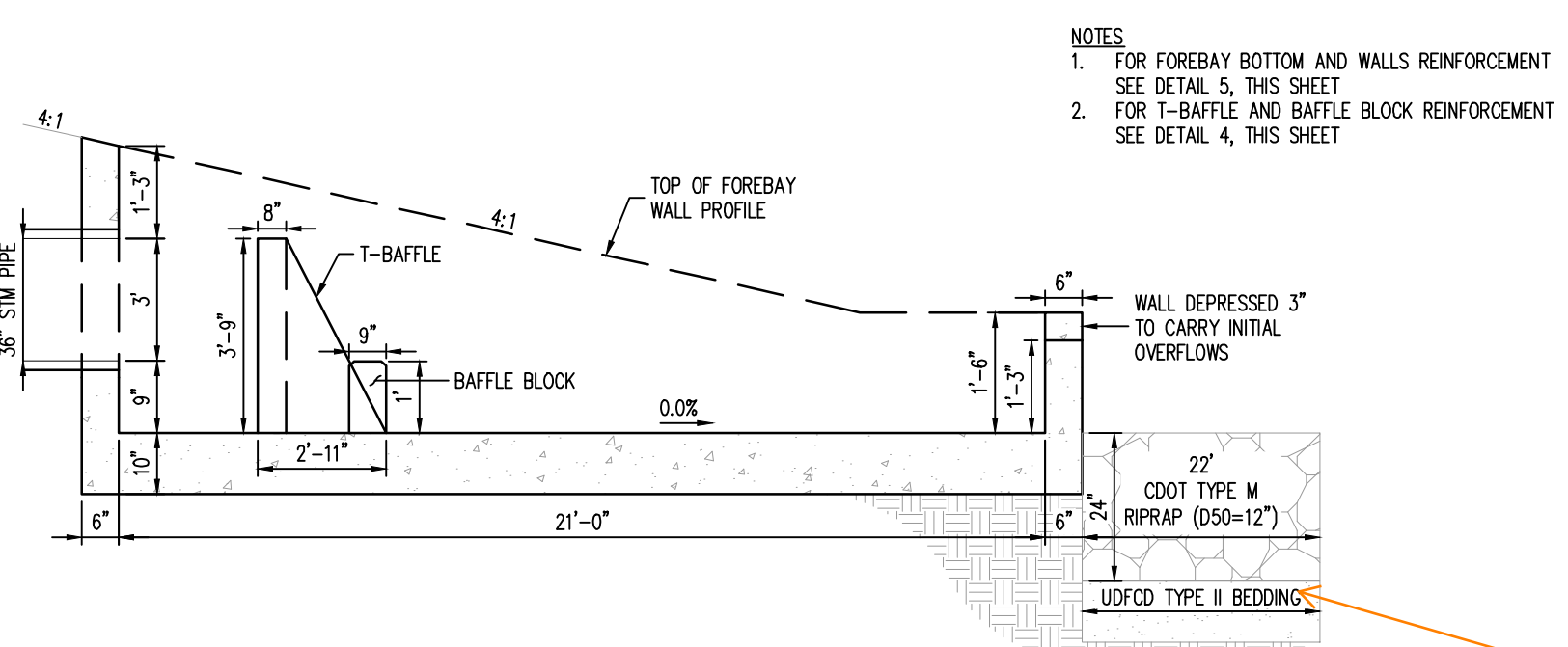
6 FOREBAY (NORTH) - PLAN
 SCALE: 1"=3'



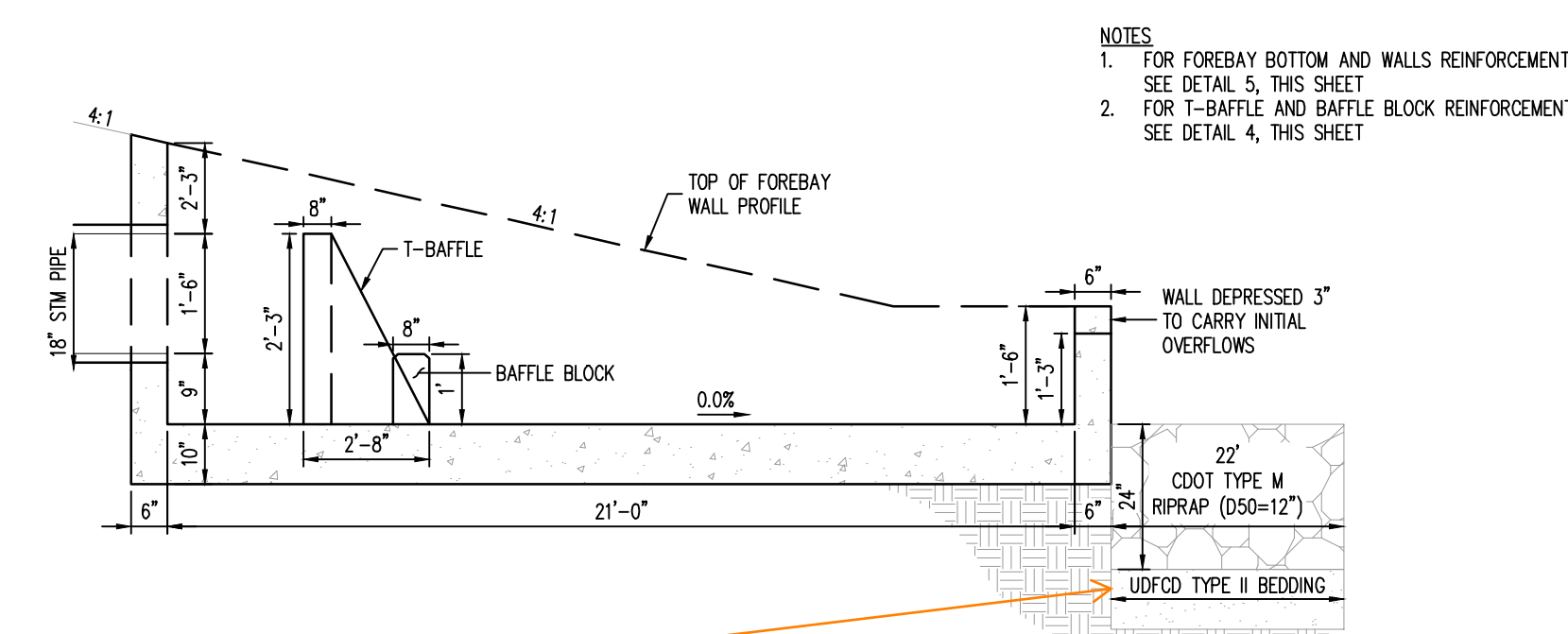
2 FOREBAY - SLOT DETAIL
 NOT TO SCALE



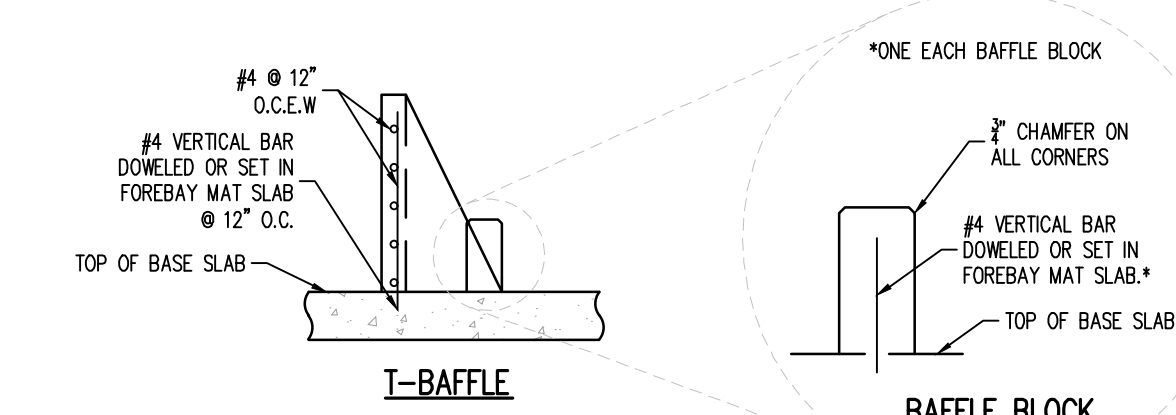
7 FOREBAY - SLOT DETAIL
 NOT TO SCALE



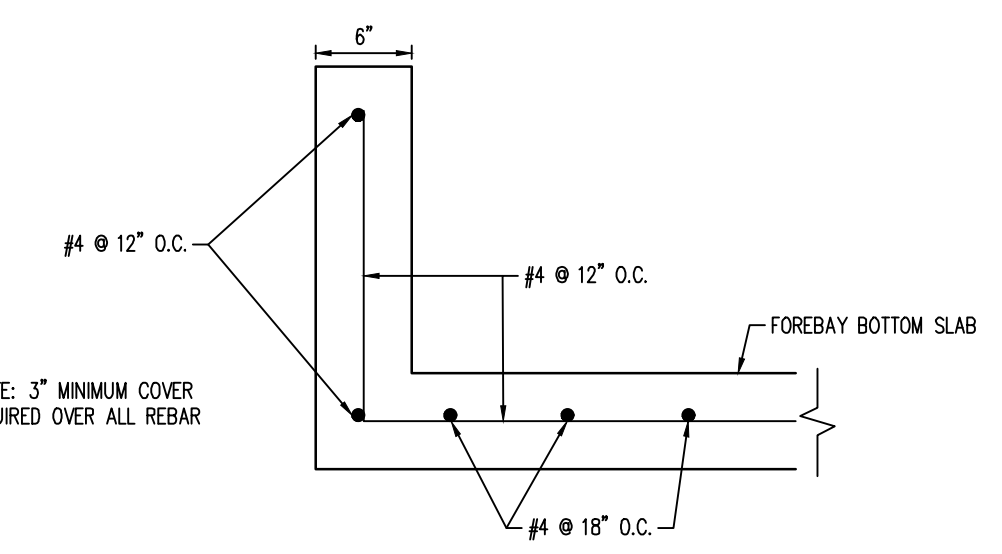
3 FOREBAY - PROFILE DETAIL
 NOT TO SCALE



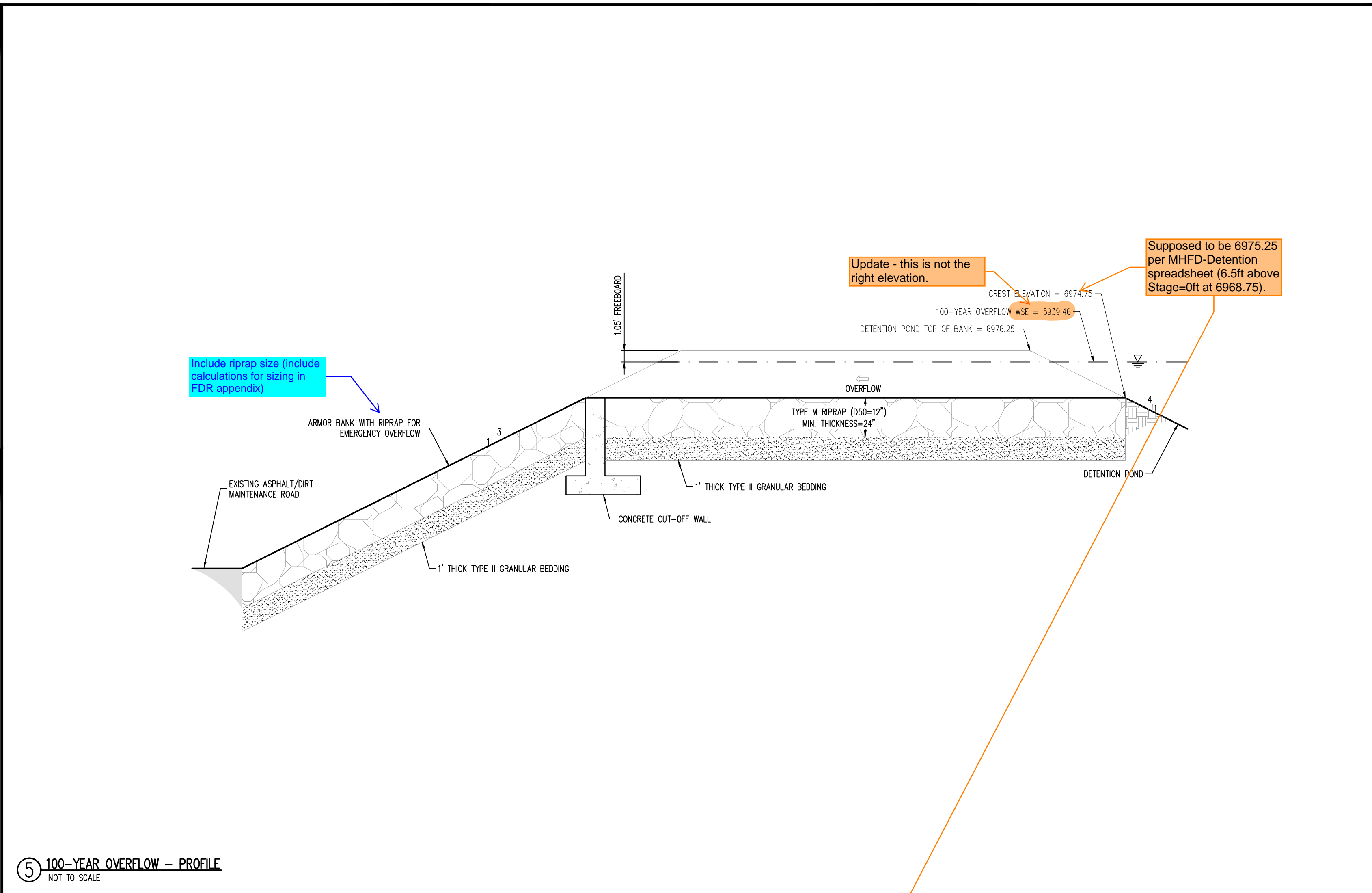
8 FOREBAY - PROFILE DETAIL
 NOT TO SCALE



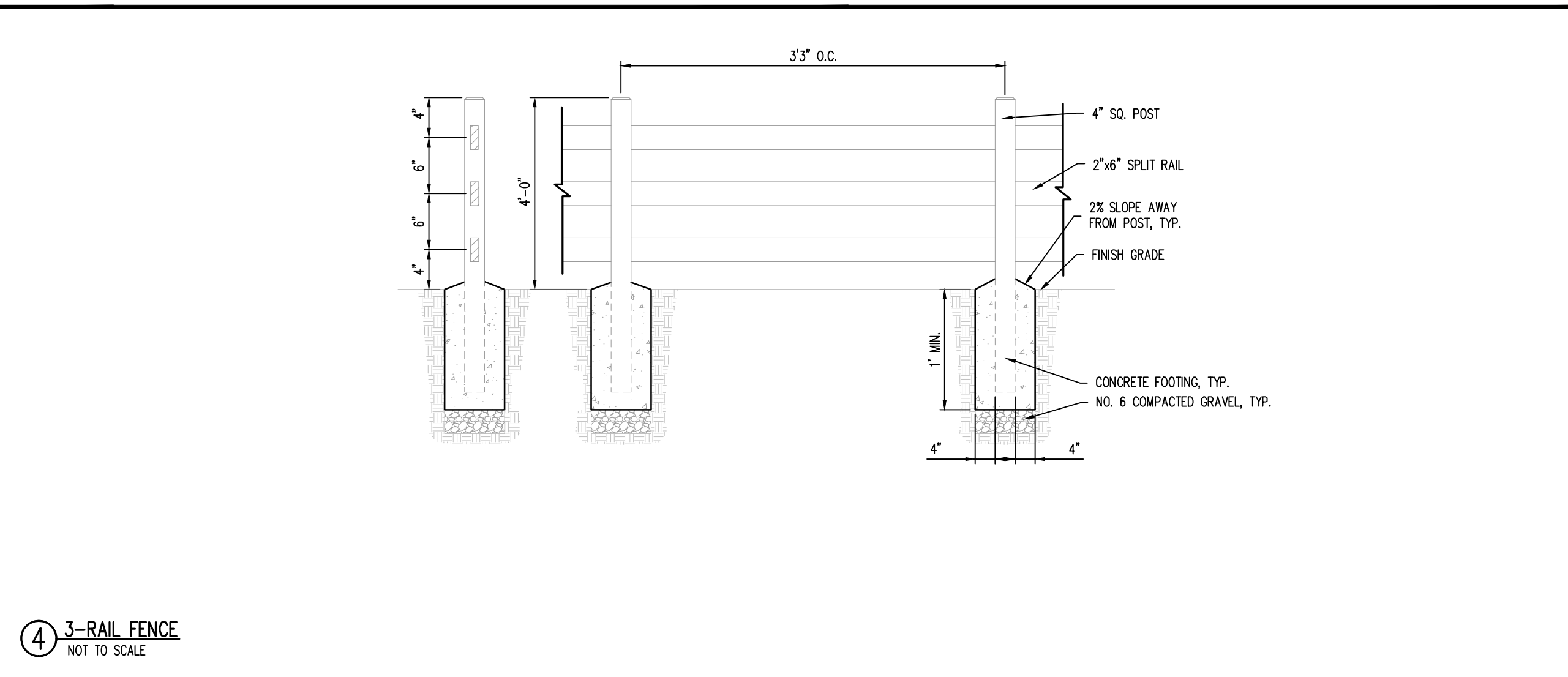
4 FOREBAY - T-BAFFLES & BAFFLE BLOCKS REINFORCING DETAIL
 NOT TO SCALE



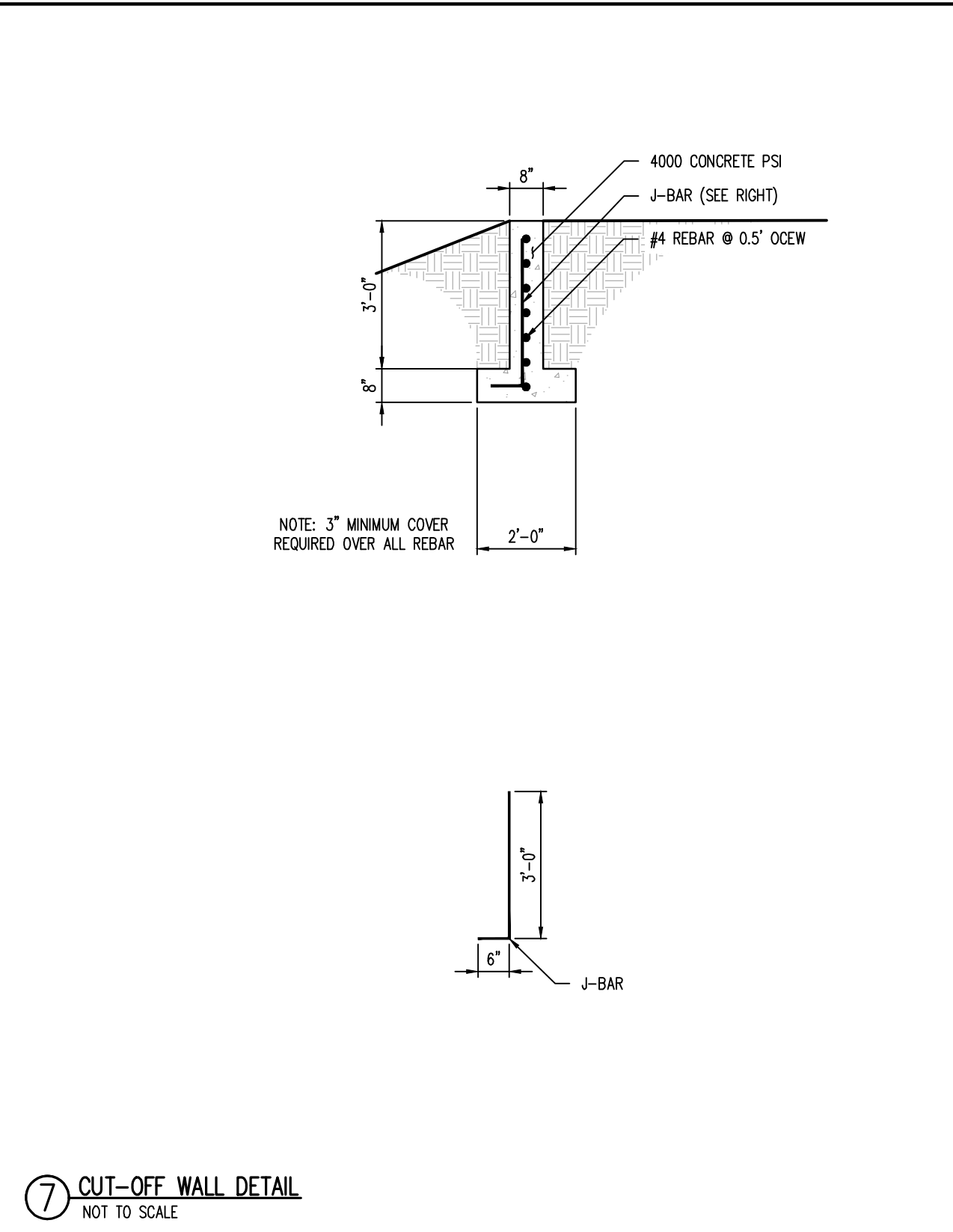
5 FOREBAY - REINFORCING DETAIL
 NOT TO SCALE



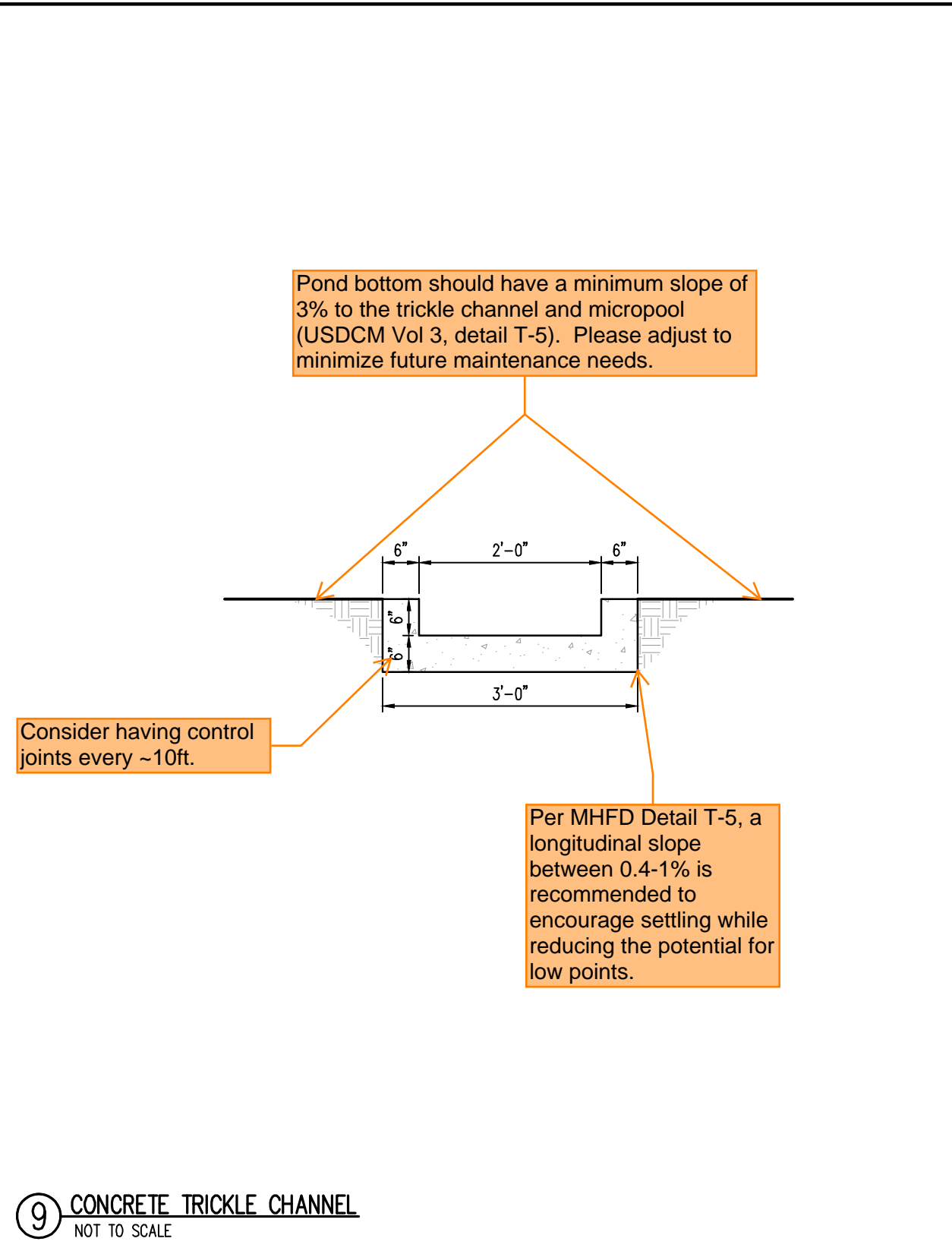
5 100-YEAR OVERFLOW - PROFILE
NOT TO SCALE



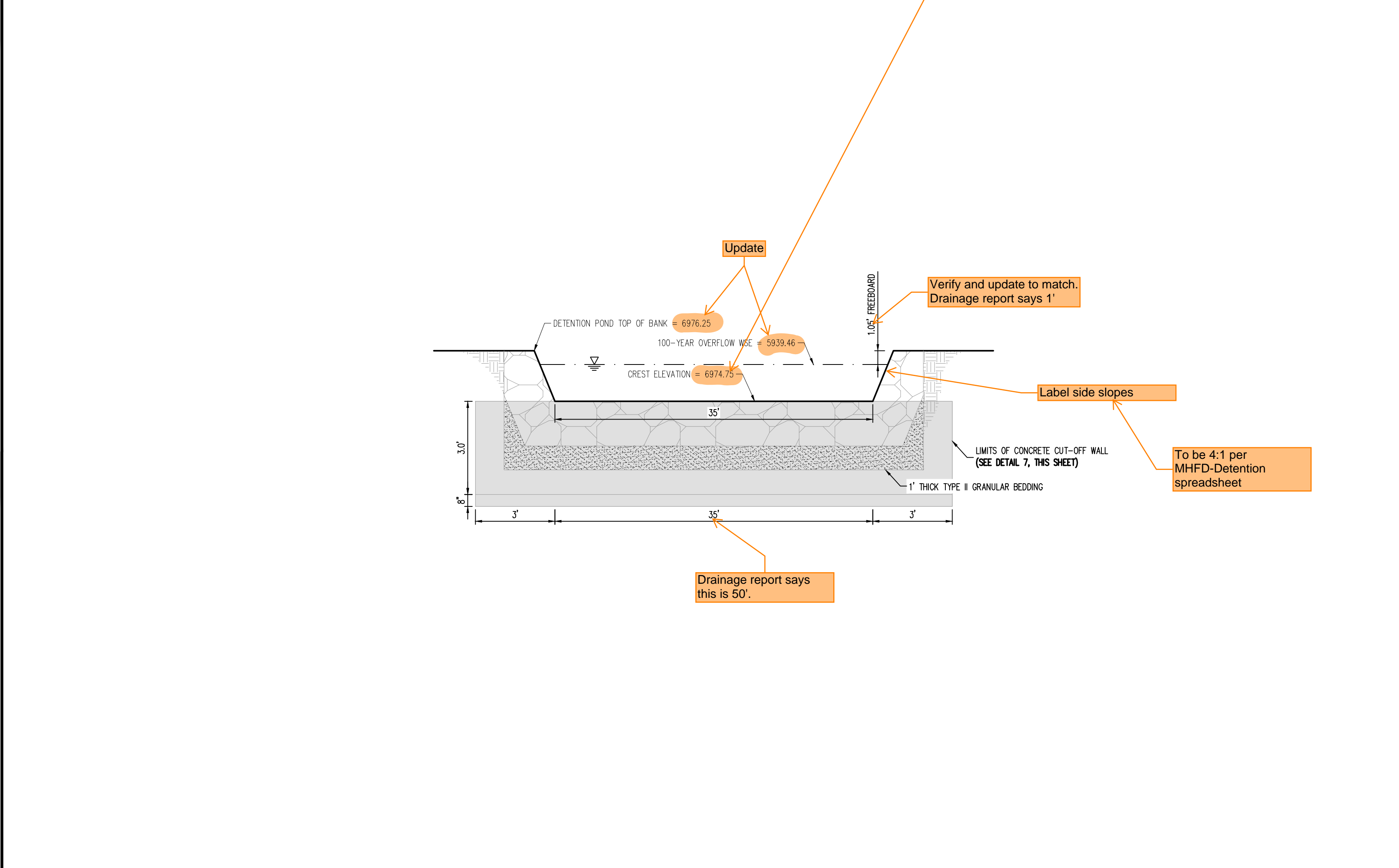
4 3-RAIL FENCE
NOT TO SCALE



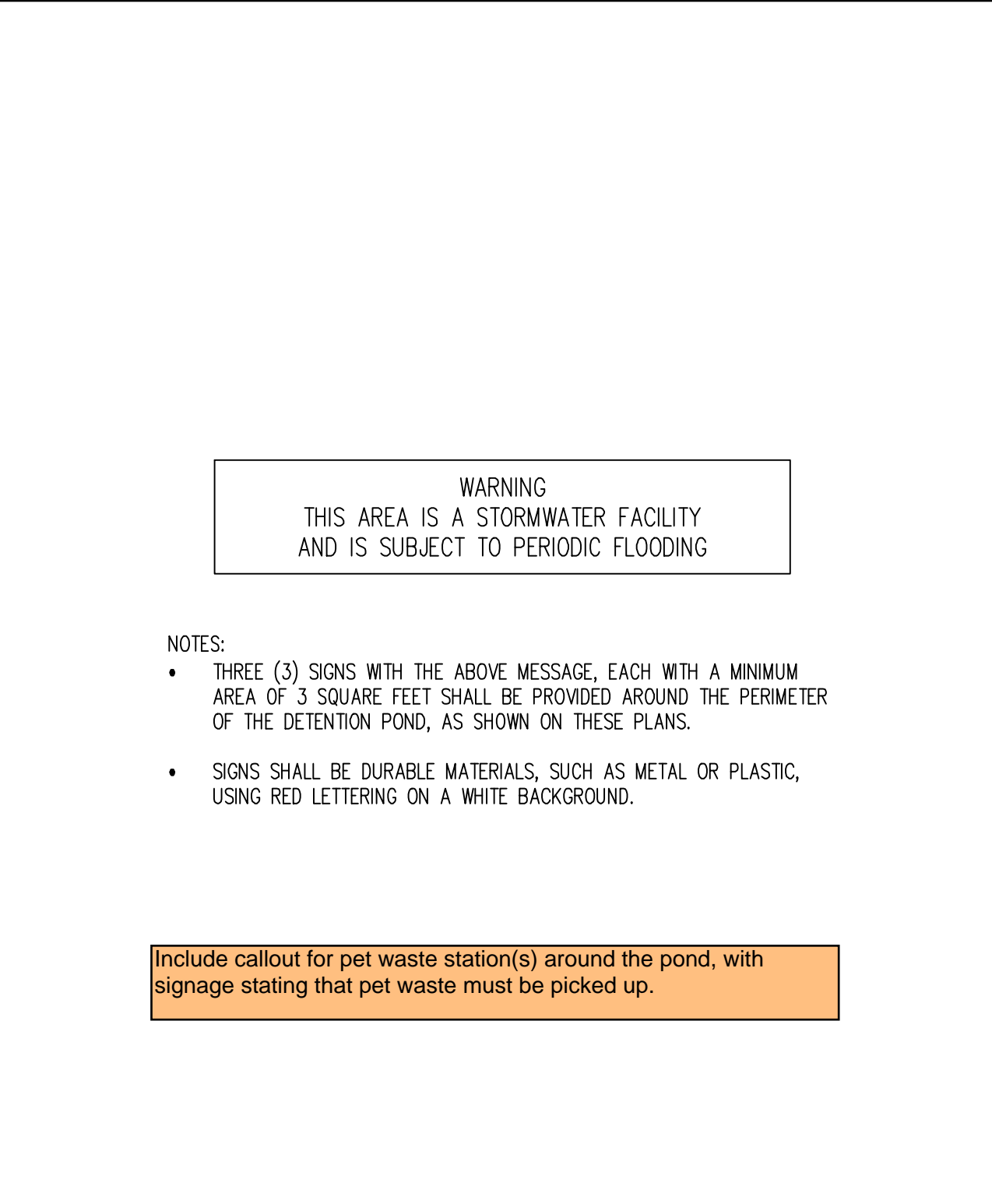
7 CUT-OFF WALL DETAIL
NOT TO SCALE



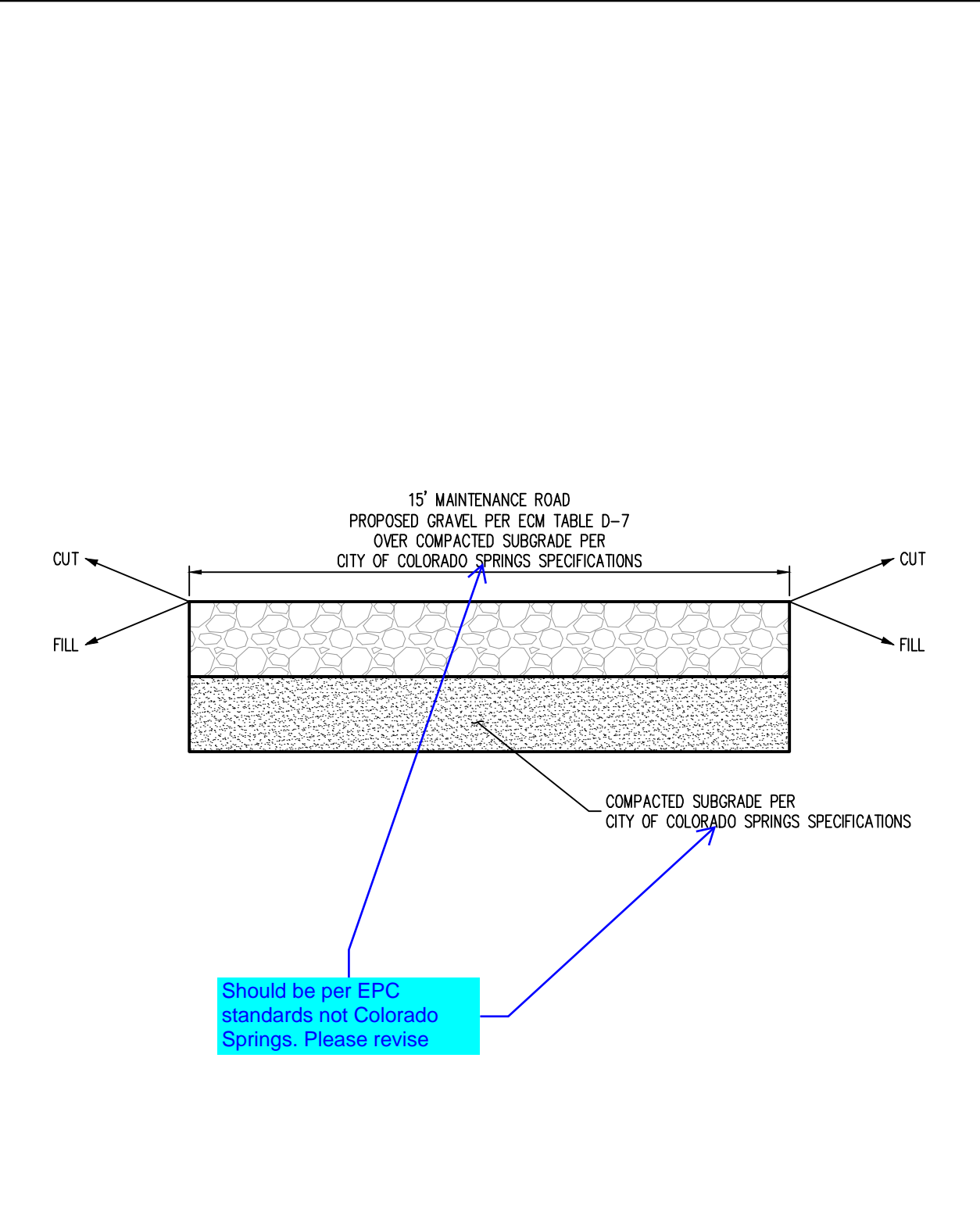
9 CONCRETE TRICKLE CHANNEL
NOT TO SCALE



6 100-YEAR OVERFLOW - CROSS SECTION
NOT TO SCALE



8 DETENTION POND SIGNAGE
NOT TO SCALE



10 MAINTENANCE ROAD
NOT TO SCALE

| # | Date | Issue / Description | Init. |
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| Project No: | HRG02 |
| Drawn By: | JDM |
| Checked By: | CMWJ |
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POND D - POND DETAILS