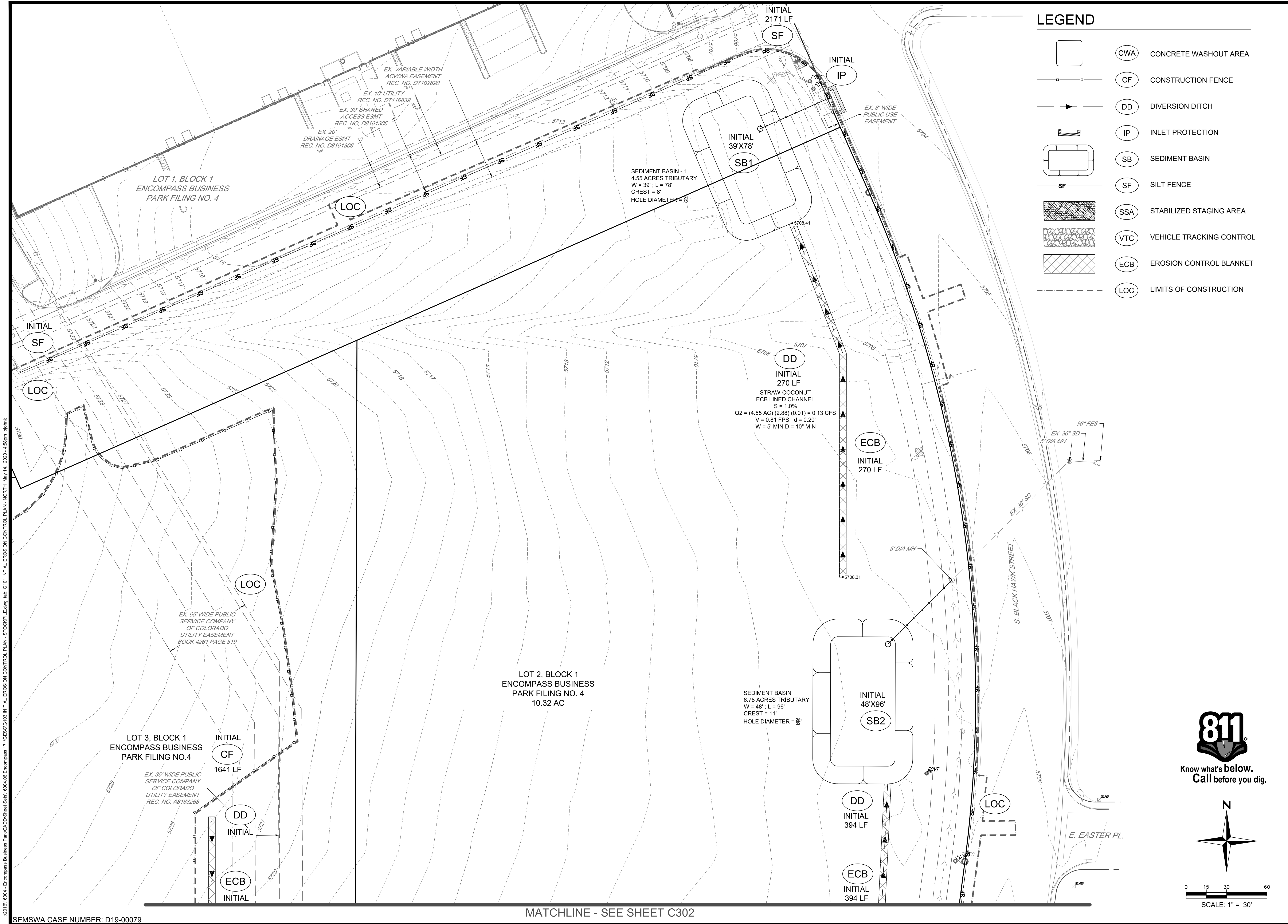


L:\2016\16004 - Encompass Business Park\CAD\Sheet Set\16004.06 Encompass 171\GESC\G103 INITIAL EROSION CONTROL PLAN - NORTH May 14, 2020 - 4:58pm jgonk



Redland

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1800.456.7293 Toll Free

Littleton, Colorado 80120

REDLAND.COM

ENCOMPASS BUSINESS PARK

ENCOMPASS 171

INITIAL EROSION CONTROL PLAN - NORTH

DATE: 05.13.2020

NO. 1

1ST SUBMITTAL TO ARCHITECT

NOTES

DRAWN: BTJ

CHECKED: DTW

APPROVED: MDC

PROJECT NO: 16004.06

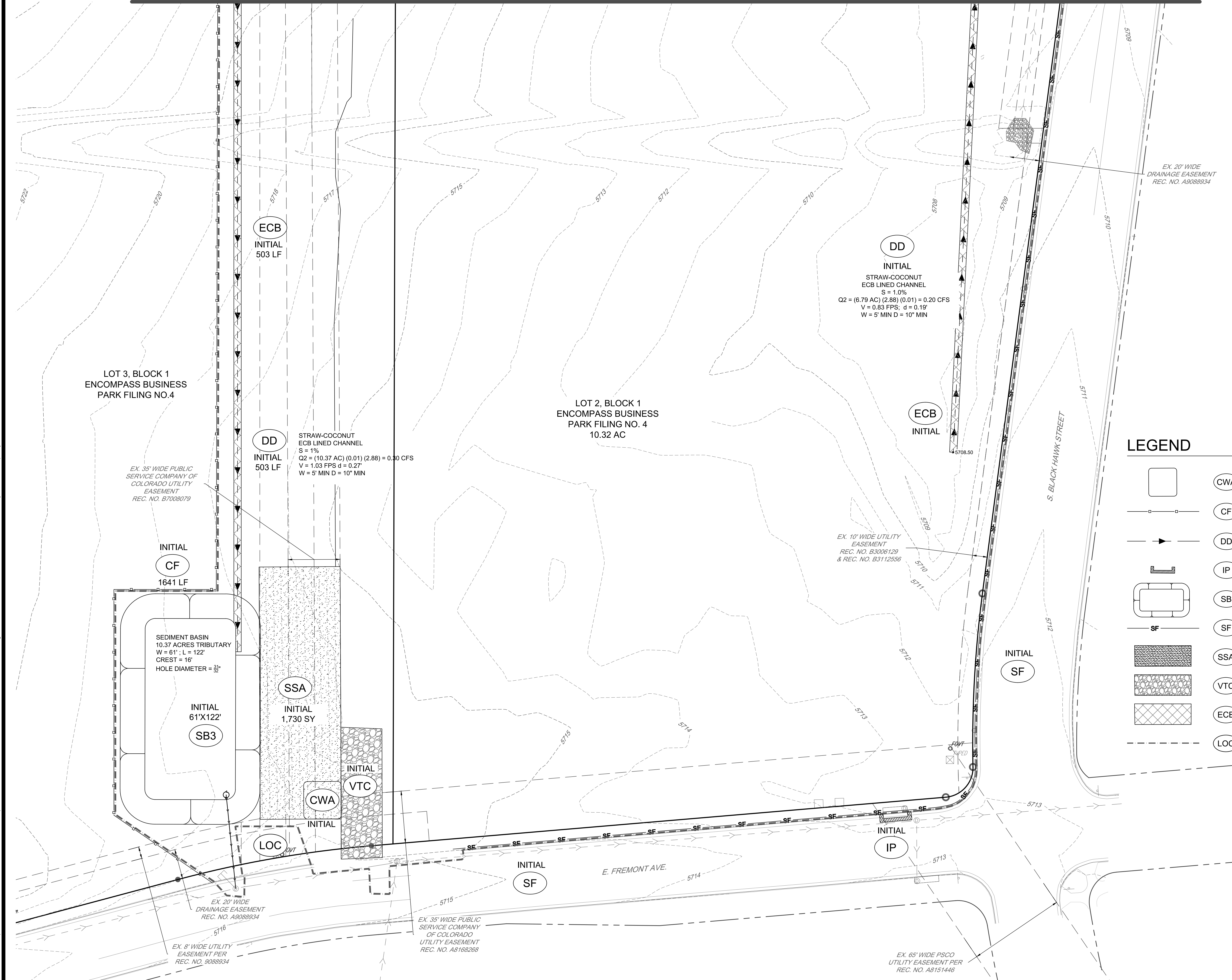
HORIZ SCALE: 1" = 30'

VERT SCALE: N/A

SHEET

G101

L:\2016\16004 - Encompass Business Park\CAD\Sheet Set\16004.06 Encompass 171\GESC\G103 INITIAL EROSION CONTROL PLAN - SOUTH May 14, 2020 - 4:56pm jghnk

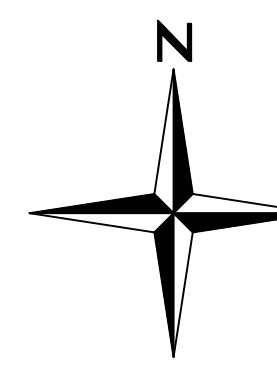


LEGEND

- CWA CONCRETE WASHOUT AREA
- CF CONSTRUCTION FENCE
- DD DIVERSION DITCH
- IP INLET PROTECTION
- SB SEDIMENT BASIN
- SF SILT FENCE
- SSA STABILIZED STAGING AREA
- VTC VEHICLE TRACKING CONTROL
- ECB EROSION CONTROL BLANKET
- LOC LIMITS OF CONSTRUCTION



Know what's below.  
Call before you dig.

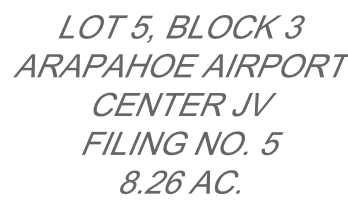


0 15 30 60  
SCALE: 1" = 30'

|              |          |
|--------------|----------|
| DRAWN        | BTJ      |
| CHECKED      | DTW      |
| APPROVED     | MCC      |
| PROJECT NO.  | 16004.06 |
| HORIZ. SCALE | 1" = 30' |
| VERT. SCALE  | N/A      |

| DATE       | NO. | NOTES                      |
|------------|-----|----------------------------|
| 05.13.2020 | 1   | 1ST SUBMITTAL TO ARCHITECT |

ENCOMPASS BUSINESS PARK  
ENCOMPASS 171  
**INITIAL EROSION CONTROL PLAN - SOUTH**



LOT 1, BLOCK 1  
ENCOMPASS BUSINESS  
PARK FILING NO. 2  
REC. NO. D7116839

EXISTING  
INITIAL  
STOCKPILE

LOT 3, BLOCK 1  
ENCOMPASS BUSINESS  
PARK FILING NO.4

LOT 5, BLOCK 1  
ENCOMPASS BUSINESS  
PARK FILING NO. 3  
4.04 AC

TRACT A, BLOCK 1  
ENCOMPASS BUSINESS  
PARK FILING NO. 3  
0.52 AC

|                                                                                     |                                                                                     |                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------|
|  |  | CONCRETE WASHOUT AREA    |
|  |  | CONSTRUCTION FENCE       |
|  |  | DIVERSION DITCH          |
|  |  | INLET PROTECTION         |
|  |  | SEDIMENT BASIN           |
|  |  | SILT FENCE               |
|  |  | STABILIZED STAGING AREA  |
|  |  | VEHICLE TRACKING CONTROL |
|  |  | EROSION CONTROL BLANKET  |
|  |  | LIMITS OF CONSTRUCTION   |



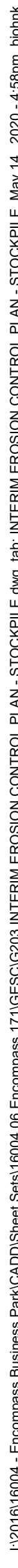




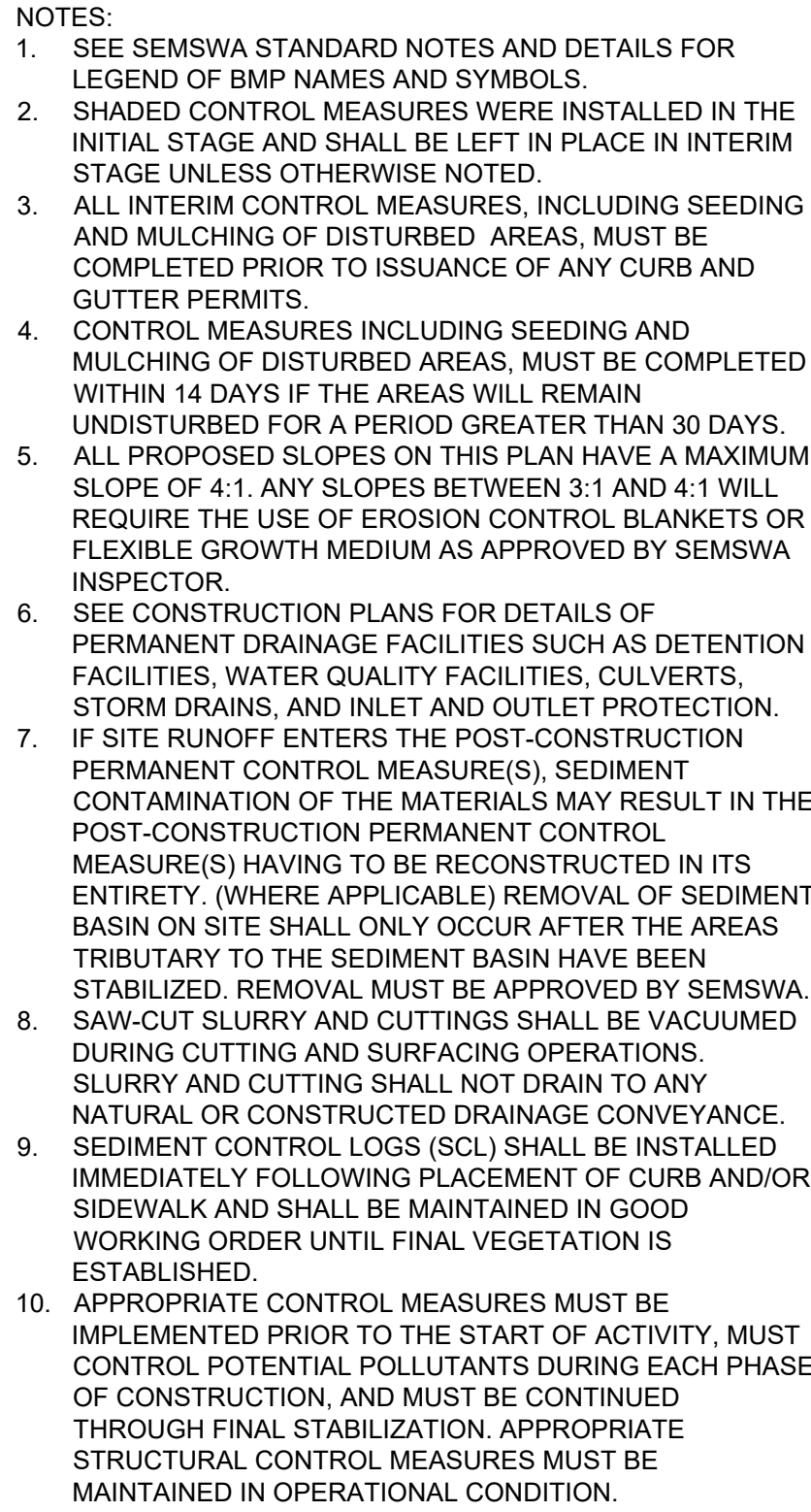
0 15 30 60

SCALE: 1" = 30'

G202



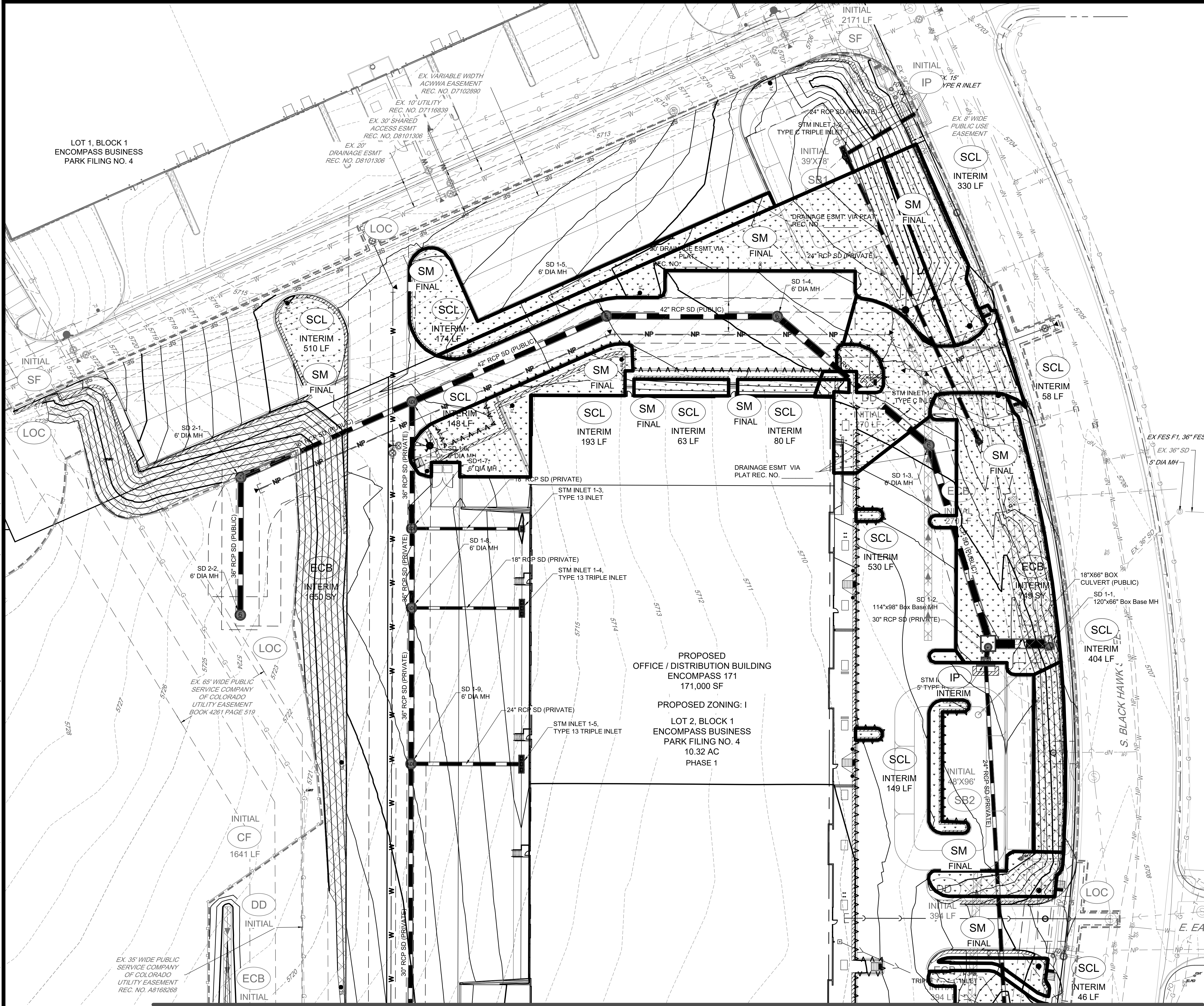
SEMSWA CASE NUMBER: D19-00079



ELEVATION = 5635.10 FEET (NAVD 88 DATUM)

BEARINGS SHOWN HEREON ARE GRID BEARINGS DERIVED FROM  
RTK FAST STATIC GPS OBSERVATIONS AND ARE BASED UPON  
THE COLORADO COORDINATE SYSTEM OF 1983 CENTRAL ZONE  
(NAD 83, 1992), ALONG THE WESTERLY LINE OF THE NORTHWEST  
QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST,  
6TH PRINCIPAL MERIDIAN, WHICH BEARS NORTH 00°06'39" EAST,  
BETWEEN THE MONUMENTS SHOWN HEREIN.





| BMP LEGEND |                              |
|------------|------------------------------|
|            | CWA CONCRETE WASHOUT AREA    |
|            | CF CONSTRUCTION FENCE        |
|            | DD DIVERSION DITCH           |
|            | IP INLET PROTECTION          |
|            | SB SEDIMENT BASIN            |
|            | SCL SEDIMENT CONTROL LOG     |
|            | SF SILT FENCE                |
|            | SA STOCKPILE AREA            |
|            | SSA STABILIZED STAGING AREA  |
|            | VTC VEHICLE TRACKING CONTROL |
|            | LOC LIMITS OF CONSTRUCTION   |
|            | GB GRASS BUFFER              |

- NOTES:
- SEE SEMSWA STANDARD NOTES AND DETAILS FOR LEGEND OF BMP NAMES AND SYMBOLS.
  - SHADED CONTROL MEASURES WERE INSTALLED IN INITIAL OR INTERIM GESC PLAN AND, UNLESS OTHERWISE INDICATED, SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE COUNTY.
  - ALL INTERIM CONTROL MEASURES, INCLUDING SEEDING AND MULCHING OF DISTURBED AREAS, MUST BE COMPLETED WITHIN 14 DAYS IF THE AREAS WILL REMAIN UNDISTURBED FOR A PERIOD GREATER THAN 30 DAYS AND PRIOR TO ISSUANCE OF ANY CURB AND GUTTER PERMITS.
  - ALL PROPOSED SLOPES ON THIS PLAN HAVE A MAXIMUM SLOPE OF 4:1. ANY SLOPES BETWEEN 3:1 AND 4:1 WILL REQUIRE THE USE OF EROSION CONTROL BLANKETS OR FLEXIBLE GROWTH MEDIUM, AS APPROVED BY SEMSWA INSPECTOR.
  - SEE CONSTRUCTION PLANS FOR DETAILS OF PERMANENT DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, WATER QUALITY FACILITIES, CULVERTS, STORM DRAINS, AND OUTLET PROTECTION.
  - ACCEPTANCE OF THE POST-CONSTRUCTION PERMANENT CONTROL MEASURES WILL NOT OCCUR UNTIL ALL TRIBUTARY TO THE POST-CONSTRUCTION PERMANENT CONTROL MEASURES ARE STABILIZED.
  - APPROPRIATE CONTROL MEASURES MUST BE IMPLEMENTED PRIOR TO THE START OF ACTIVITY. MUST CONTROL POTENTIAL POLLUTANTS DURING EACH PHASE OF CONSTRUCTION, AND MUST BE CONTINUED THROUGH FINAL STABILIZATION. APPROPRIATE STRUCTURAL CONTROL MEASURES MUST BE MAINTAINED IN OPERATIONAL CONDITION.
  - IF SITE RUNOFF ENTERS THE POST-CONSTRUCTION PERMANENT CONTROL MEASURE(S), SEDIMENT CONTAMINATION OF THE MATERIALS MAY RESULT IN THE POST-CONSTRUCTION PERMANENT CONTROL MEASURE(S) HAVING TO BE RECONSTRUCTED IN ITS ENTIRETY. (WHERE APPLICABLE) REMOVAL OF SEDIMENT BASIN ON SITE SHALL ONLY OCCUR AFTER THE AREAS TRIBUTARY TO THE SEDIMENT BASINS HAVE BEEN STABILIZED. REMOVAL MUST BE APPROVED BY SEMSWA.
  - ASPHALT AND CONCRETE "TAILINGS" FROM SAWCUT OPERATIONS SHALL BE CLEANED USING A VACUUM-TYPE STREET SWEEPER, A BRUSH STYLE STREET SWEEPER, OR MANUALLY USING SHOVELS AND BROOMS. PAVEMENT SHALL NOT BE WASHED WITH WATER AT ANY TIME UNLESS ALL WATER IS CONTAINED AND COLLECTED AND IS NOT ALLOWED TO DRAIN INTO EXISTING STORM INLETS, ON OR OFF SITE.
  - TOTAL SM AREA IS EQUAL TO 2.5 AC.

**BASIS OF BEARINGS**

BEARINGS SHOWN HEREON ARE GRID BEARINGS DERIVED FROM RTK FAST STATIC GPS OBSERVATIONS AND ARE BASED UPON THE COLORADO COORDINATE SYSTEM OF 1983 CENTRAL ZONE (NAD 83, 1992), ALONG THE WESTERLY LINE OF THE NORTHWEST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST, 6TH PRINCIPAL MERIDIAN, WHICH BEARS NORTH 00°06'39" EAST, BETWEEN THE MONUMENTS SHOWN HEREIN.

**BENCHMARK**

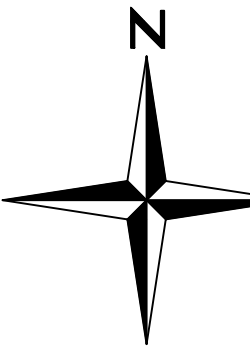
CITY OF AURORA BENCHMARK NUMBER 556619NW001

BEING A STANDARD USC&GS STANDARD DISK STAMPED "K54 1934" SET IN CONCRETE LOCATED 170 FEET NORTH OF THE SOUTH BOUNDARY OF CHERRY CREEK STATE PARK AND 0.9 MILES NORTH OF ARAPAHOE ROAD AND 60 FEET EAST OF JORDAN ROAD.

ELEVATION = 5635.10 FEET (NAVD 88 DATUM)



Know what's below.  
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0 15 30 60  
SCALE: 1" = 30'

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REDLAND.COM

| DATE       | NO. | BY  | NOTES                  |
|------------|-----|-----|------------------------|
| 05.13.2020 | 1   | 151 | SUBMITTAL TO ARCHITECT |

ENCOMPASS BUSINESS PARK  
ENCOMPASS 171

FINAL EROSION CONTROL PLAN - NORTH

G301

SHEET



**BASIS OF BEARINGS**

*BEARINGS SHOWN HEREON ARE GRID BEARINGS DERIVED FROM RTK FAST STATIC GPS OBSERVATIONS AND ARE BASED UPON THE COLORADO COORDINATE SYSTEM OF 1983 CENTRAL ZONE (NAD 83, 1992), ALONG THE WESTERLY LINE OF THE NORTHWEST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST, 6TH PRINCIPAL MERIDIAN, WHICH BEARS NORTH 00°06'39" EAST, BETWEEN THE MONUMENTS SHOWN HEREIN.*

**BENCHMARK**

CITY OF AURORA BENCHMARK NUMBER 5S6619NW001

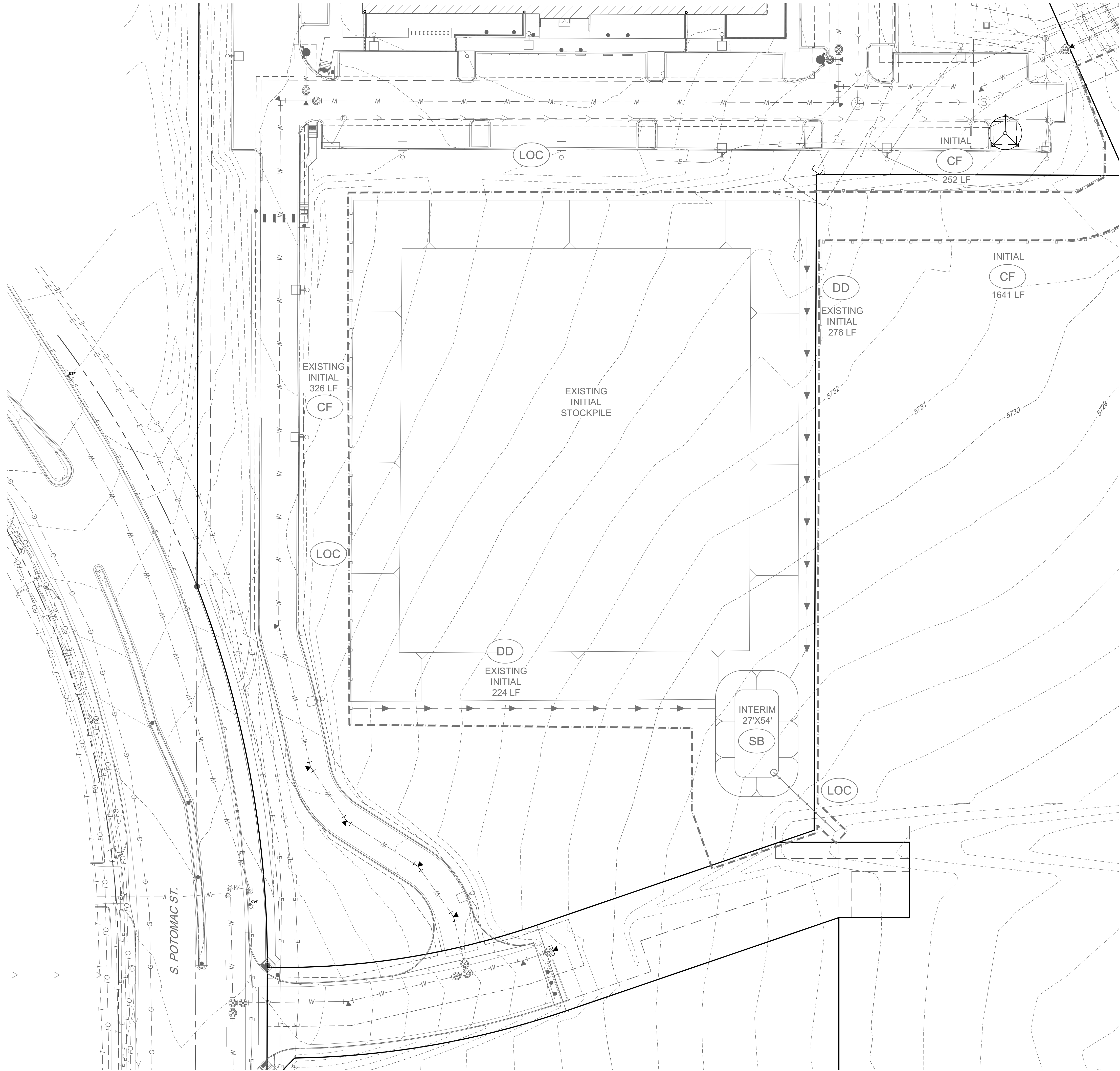
BEING A STANDARD USC&GS STANDARD DISK STAMPED "K54 1934" SET IN CONCRETE LOCATED 170 FEET NORTH OF THE SOUTH BOUNDARY OF CHERRY CREEK STATE PARK AND 0.9 MILES NORTH OF ARAPAHOE ROAD AND 60 FEET EAST OF JORDAN ROAD.

ELEVATION = 5635.10 FEET (NAVD 88 DATUM)



L:\2016\16004 - Encompass Business Park\CADD\Sheet Set\16004.06 Encompass 171\GESC\G301 FINAL EROSION CONTROL PLAN - STOCKPILE May 14, 2020 - 4:56pm bjohnk

SEMSWA CASE NUMBER: D19-00079



| BMP LEGEND |       |                          |
|------------|-------|--------------------------|
|            | (CWA) | CONCRETE WASHOUT AREA    |
|            | (CF)  | CONSTRUCTION FENCE       |
|            | (DD)  | DIVERSION DITCH          |
|            | (IP)  | INLET PROTECTION         |
|            | (SB)  | SEDIMENT BASIN           |
|            | (SCL) | SEDIMENT CONTROL LOG     |
|            | (SF)  | SILT FENCE               |
|            | (SA)  | STOCKPILE AREA           |
|            | (SSA) | STABILIZED STAGING AREA  |
|            | (VTC) | VEHICLE TRACKING CONTROL |
|            | (LOC) | LIMITS OF CONSTRUCTION   |
|            | (GB)  | GRASS BUFFER             |

- NOTES:
- SEE SEMSWA STANDARD NOTES AND DETAILS FOR LEGEND OF BMP NAMES AND SYMBOLS.
  - SHADED CONTROL MEASURES WERE INSTALLED IN INITIAL OR INTERIM GESC PLAN AND, UNLESS OTHERWISE INDICATED, SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE COUNTY.
  - ALL INTERIM CONTROL MEASURES, INCLUDING SEEDING AND MULCHING OF DISTURBED AREAS, MUST BE COMPLETED WITHIN 14 DAYS IF THE AREAS WILL REMAIN UNDISTURBED FOR A PERIOD GREATER THAN 30 DAYS AND PRIOR TO ISSUANCE OF ANY CURB AND GUTTER PERMITS.
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  - IF SITE RUNOFF ENTERS THE POST-CONSTRUCTION PERMANENT CONTROL MEASURE(S), SEDIMENT CONTAMINATION OF THE MATERIALS MAY RESULT IN THE POST-CONSTRUCTION PERMANENT CONTROL MEASURE(S) HAVING TO BE RECONSTRUCTED IN ITS ENTIRETY. (WHERE APPLICABLE) REMOVAL OF SEDIMENT BASIN ON SITE SHALL ONLY OCCUR AFTER THE AREAS TRIBUTARY TO THE SEDIMENT BASINS HAVE BEEN STABILIZED. REMOVAL MUST BE APPROVED BY SEMSWA.
  - ASPHALT AND CONCRETE "TAILINGS" FROM SAWCUT OPERATIONS SHALL BE CLEANED USING A VACUUM-TYPE STREET SWEEPER, A BRUSH STYLE STREET SWEEPER, OR MANUALLY USING SHOVELS AND BROOMS. PAVEMENT SHALL NOT BE WASHED WITH WATER AT ANY TIME UNLESS ALL WATER IS CONTAINED AND COLLECTED AND IS NOT ALLOWED TO DRAIN INTO EXISTING STORM INLETS, ON OR OFF SITE.
  - TOTAL SM AREA IS EQUAL TO 2.5 AC.

**BASIS OF BEARINGS**

BEARINGS SHOWN HEREON ARE GRID BEARINGS DERIVED FROM RTK FAST STATIC GPS OBSERVATIONS AND ARE BASED UPON THE COLORADO COORDINATE SYSTEM OF 1983 CENTRAL ZONE (NAD 83, 1992), ALONG THE WESTERLY LINE OF THE NORTHWEST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST, 6TH PRINCIPAL MERIDIAN, WHICH BEARS NORTH 00°06'39" EAST, BETWEEN THE MONUMENTS SHOWN HEREIN.

**BENCHMARK**

CITY OF AURORA BENCHMARK NUMBER 5S8619NW001  
BEING A STANDARD USC&GS STANDARD DISK STAMPED "K54 1934" SET IN CONCRETE LOCATED 170 FEET NORTH OF THE SOUTH BOUNDARY OF CHERRY CREEK STATE PARK AND 0.9 MILES NORTH OF ARAPAHOE ROAD AND 60 FEET EAST OF JORDAN ROAD.  
ELEVATION = 5635.10 FEET (NAVD 88 DATUM)



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Littleton, Colorado 80120  
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| DATE       | NO. | NOTES                      |
|------------|-----|----------------------------|
| 05.13.2020 | 1   | 1ST SUBMITTAL TO ARCHITECT |

| DRAWN | BTJ | CHECKED | DTW | APPROVED | MDC | PROJECT NO. | 16004.06 | HORIZ. SCALE | N/A | VERT. SCALE | N/A |
|-------|-----|---------|-----|----------|-----|-------------|----------|--------------|-----|-------------|-----|
|-------|-----|---------|-----|----------|-----|-------------|----------|--------------|-----|-------------|-----|

ENCOMPASS BUSINESS PARK  
ENCOMPASS 171

**FINAL EROSION CONTROL PLAN - STOCKPILE**

SHEET

**G303**