

MELODY HOMES, INC.

GRANDVIEW RESERVE FILING NO. 1

A TRACT OF LAND BEING A PORTION OF SOUTHWEST QUARTER SECTION 21, AND A PORTION OF THE NORTHWEST QUARTER OF SECTION 28; TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE SIXTH PRINCIPAL MERIDIAN
EASTONVILLE RD & REX RD

GRADING & EROSION CONTROL PLANS

SF2311

PROJECT CONTACTS

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CITY & UTILITY CONTACTS

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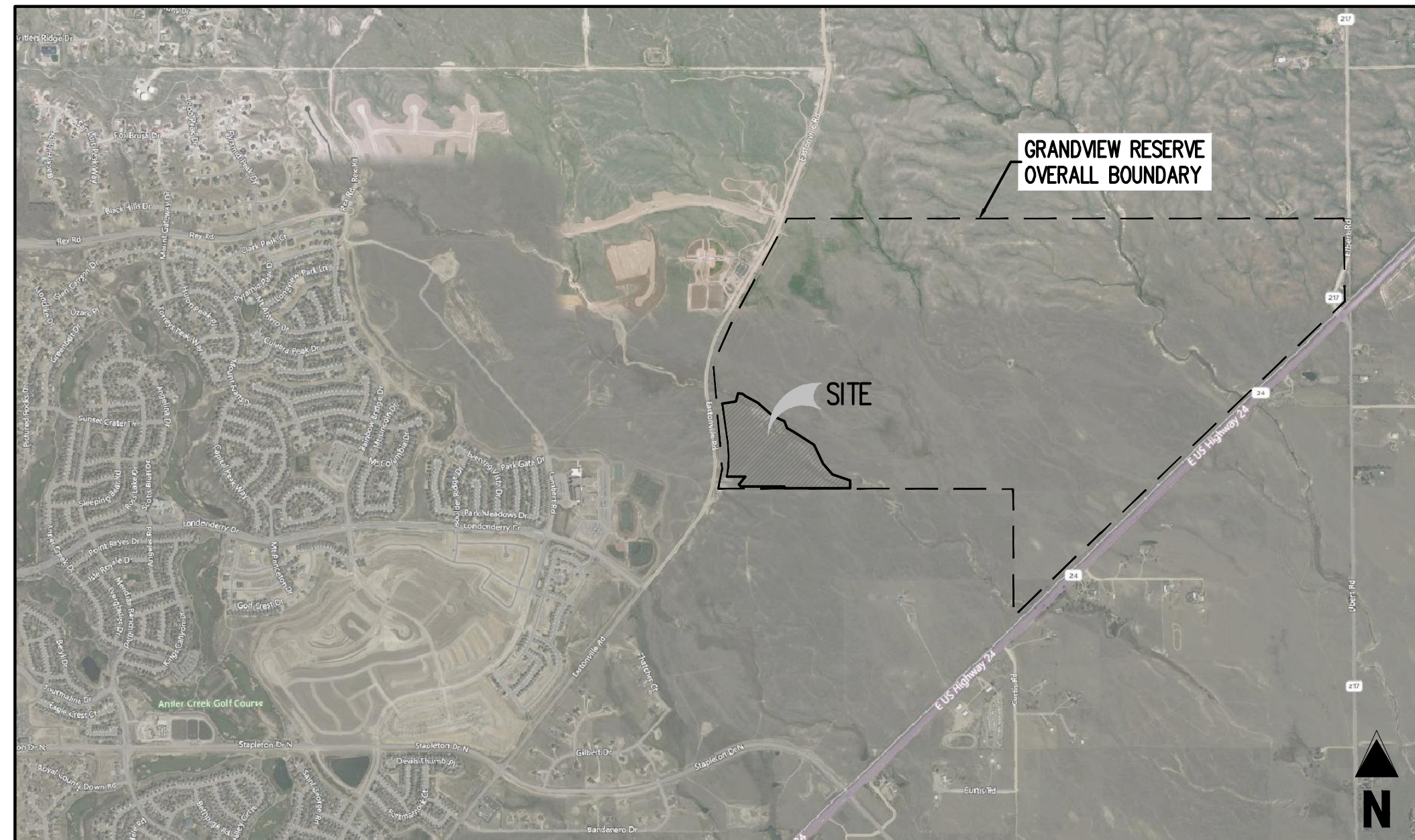
ELECTRIC
MOUNTAIN VIEW ELECTRIC ASSOCIATION
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FALCON, CO 80831
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CONTACT: GINA PERRY
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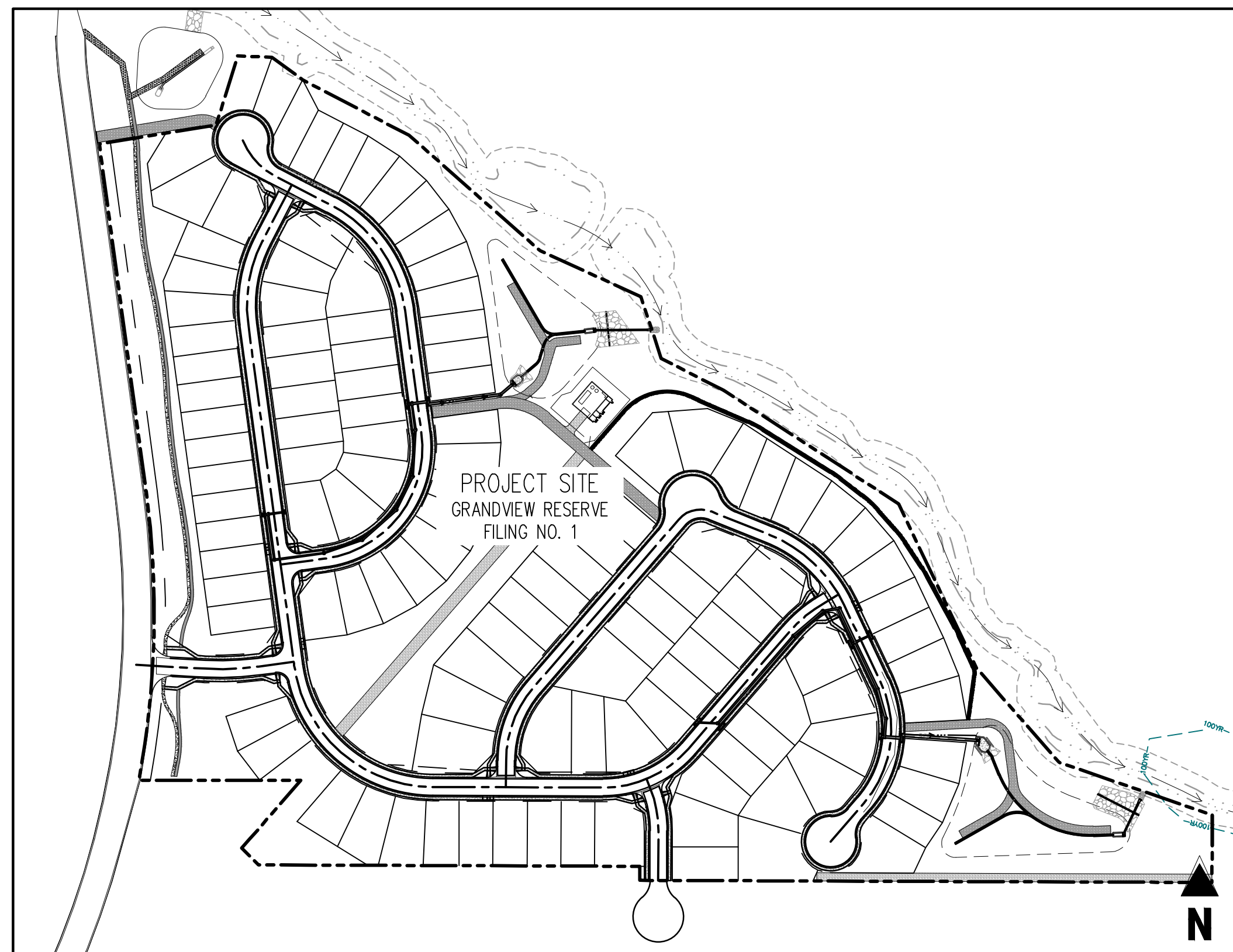
FIRE
FALCON FIRE PROTECTION DISTRICT
7030 OLD MERIDIAN RD.,
FALCON, CO 80831
TELE: (719) 495-4050
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LIST OF ABBREVIATIONS

SHT - SHEET
A - DEFLECTION ANGLE
L - LENGTH
R - RADIUS
CB - CHORD BEARING
CL - CHORD LENGTH
N - NORTH/NORTHING
W - WEST
E - EAST/EASTING
S - SOUTH
DET - DETAIL
EX - EXISTING
WF - WITH
PC - POINT OF CURVATURE/PORTLAND CEMENT
WWF - WELDED WIRE FABRIC
VERT - VERTICAL
OC - ON CENTER
FDC - FIRE DEPARTMENT CONNECTION
CT - COURT
DR - DRIVE
TYP - TYPICAL
REC - RECEPTION NUMBER
Ø, DIA - DIAMETER
PT - POINT OF TANGENCY
MIN - MINIMUM
MAX - MAXIMUM
HDPE - HIGH DENSITY POLYETHYLENE



VICINITY MAP
SCALE: 1"=2000'



SITE MAP
SCALE: 1"=200'

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LEGAL DESCRIPTION
GRANDVIEW RESERVE FILING NO. 1, A TRACT OF LAND BEING A PORTION OF SOUTHWEST QUARTER SECTION 21, AND A PORTION OF THE NORTHWEST QUARTER OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO.

BENCHMARK
NGS 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 SOUTHWEST OF THE CENTERLINE OF THE TRACK.
NAVD88 ELEVATION = 6866.33

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.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

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 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.

EL PASO COUNTY
COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT. FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, GRADING CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH EGM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTORS DISCRETION.

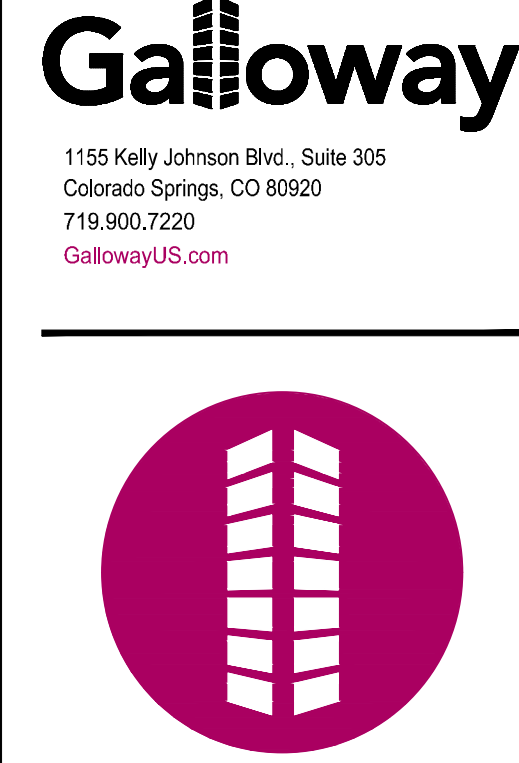
JOSHUA PALMER, P.E. DATE _____
COUNTY ENGINEER / EDM ADMINISTRATOR

OWNER'S STATEMENT
I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

BILL CARLISLE DATE _____
MELODY HOMES, INC.

ENGINEER'S STATEMENT
THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY AN NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

BRADY A. SHYROCK, COLORADO P.E. NO. 0038164 DATE _____



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GRADING & EROSION CONTROL PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

#	Date	Issue / Description	Init.

Project No: HRC02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

COVER SHEET

G0.0

Sheet 1 of 32

STANDARD NOTES FOR GEC PLANS

- 1. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
2. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS TO REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
3. A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON-SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
4. ONCE THE ESQCP IS APPROVED AND A NOTICE TO PROCEED HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEC. A PRE-CONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
5. CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
6. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
7. TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
8. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
9. ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE EGM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
10. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
11. COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
12. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF-SITE.
13. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUT SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
14. DURING DEWATERING OPERATIONS, UNCONTAMINATED GROUNDWATER MAY BE DISCHARGED ON-SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
15. EROSION CONTROL, BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL, WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
17. WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
18. TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
19. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEM AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
20. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
21. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE EGM ADMINISTRATOR. IN GRANTING THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
22. BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
23. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
24. OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE COLORADO WATER QUALITY CONTROL ACT (TITLE 25, ARTICLE 8, CRS), AND THE CLEAN WATER ACT (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DOM VOLUME II AND THE EGM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (004, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
26. PRIOR TO ACTUAL CONSTRUCTION THE PERMITEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
27. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY C.T. THOMPSON INCORPORATED, PROJECT NO. C519345-115-02, DATED JANUARY 6, 2022, LAST REVISED MARCH 19, 2024 AND SHALL BE CONSIDERED A PART OF THESE PLANS.
29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:
COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
WATER QUALITY CONTROL DIVISION
WOOD - PERMITS
4300 CHERRY CREEK DRIVE SOUTH
DENVER, CO 80246-1530
ATIN: PERMITS UNIT

STANDARD NOTES FOR CONSTRUCTION PLANS

- 1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
A. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
B. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
C. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
D. CDOT M & S STANDARDS
4. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ON-SITE AND OFF-SITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.
11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTED CRITERIA. (IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.)
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

EROSION CONTROL NOTES

- 1. SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN TWENTY-ONE (21) CALENDAR DAYS AFTER FINAL GRADING, OR FINAL EARTH DISTURBANCE HAS BEEN COMPLETED. DISTURBED AREAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS SHALL ALSO BE MULCHED WITHIN 21 DAYS AFTER INTERIM GRADING. AN AREA THAT IS GOING TO REMAIN IN AN INTERIM STATE FOR MORE THAN 60 DAYS SHALL ALSO BE SEEDED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND BMPs SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED.
2. CONSTRUCTION FENCE AND SILT FENCE OFFSET FOR CLARITY. CONTRACTOR TO ENSURE BMPs ARE PLACED DOWNSTREAM OF DISTURBED AREAS TO PREVENT SEDIMENT FROM LEAVING THE SITE.
3. EASTONVILLE ROAD SHALL BE STREET SWEEP AND INSPECTED ON A REGULAR BASIS DURING CONSTRUCTION.
4. THE ENTIRE PROJECT SITE IS COVERED WITH NATIVE GRASSES AND WEEDS. EXISTING SOIL TYPES WITHIN THE PROPERTY CONSIST OF COLUMBINE GRAVELLY SANDY LOAM, AND STARLETON SANDY LOAM. COLUMBINE GRAVELLY SANDY LOAM SOILS ARE DEFINED AS HAVING A HYDROLOGIC SOIL GROUP OF B, AS DETERMINED BY THE NRCS WEB SOIL SURVEY FOR EL PASO COUNTY AREA.
5. NO BATCH PLANTS WILL BE UTILIZED FOR THIS PROJECT.

GENERAL CONSTRUCTION NOTES

- 1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPLACED AT THE CONTRACTORS EXPENSE AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
3. ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
4. ALL BACKFILL, SUB-BASE AND / OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEERS RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION.
5. ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED.
6. ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC ECM APPENDIX K - 1.2C.
7. ALL INTERSECTION ACCESSSES TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLES AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" IN THIS AREA.
8. ALL CULVERT AND STORM PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HDPE), OR REINFORCED CONCRETE PIPE (RCP). ALL CULVERTS SHALL BE PLACED COMPLETE WITH FLARED END SECTIONS. ADEQUACY OF MATERIAL THICKNESS FOR ANY CSP INSTALLED SHALL BE VERIFIED BY OWNERS GEOTECHNICAL ENGINEER TO SUPPORT MINIMUM 50 YEAR DESIGN LIFE. CULVERTS MUST CONFORM TO EPC ECM SECTION 3.32 - CULVERTS.
9. ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED FOR ROADS SHALL BE PER DESIGN REPORT BY OWNERS GEOTECHNICAL ENGINEER. OWNERS GEOTECHNICAL ENGINEER TO BE ON SITE AT TIME OF ROAD CONSTRUCTION TO EVALUATE SOIL CONDITIONS AND DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY TO ASSURE STABILITY OF THE NEW ROADS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION PRIOR TO CONSTRUCTION.
10. TYPE M RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MIRAFL 180N OR EQUAL MAY BE SUBSTITUTED WHERE TYPE L RIP-RAP WITH MIRAFL 700 OR EQUAL IS SPECIFIED.
11. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS AND WITH WOODMAN HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL.
12. ALL POTABLE WATER MAINS SHALL BE AWWA C900-SDR18 PVC WITH PUSH-ON SINGLE GASKET TYPE JOINTS AND SHALL MEET THE REQUIREMENTS OF ANSI / NSF 61.
13. ALL WATER MAIN FITTINGS SHALL BE MADE FROM GRAY-IRON OR DUCTILE IRON AND FURNISHED WITH MECHANICAL JOINT ENDS. ALL FITTINGS SHALL HAVE A PRESSURE RATING OF 250 PSI AND SHALL MEET THE REQUIREMENTS OF ANSI / NSF 61.
14. ALL WATER LINE BENDS, TEES, BLOW-OFFS AND PLUGS AT DEAD-END MAINS SHALL BE PROTECTED FROM THRUST BY USING CONCRETE THRUST BLOCKS AND / OR ROODING AND RESTRAINED PIPE PER THE WOODMAN HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL.
15. MAXIMUM DEFLECTION OF 8" OR 12" PVC WATER MAIN JOINTS IS 4 DEGREES. CORRESPONDING MINIMUM CURVE RADIUS IS 286'. ADDITIONAL 11.25' OR 22.5' BENDS MAY BE REQUIRED FOR PROPER ALIGNMENT.
16. CONTRACTOR IS RESPONSIBLE FOR PROVIDING DETAILED AS-BUILTS OF ALL WATER MAIN, STORM SEWER AND SANITARY SEWER MAIN INSTALLATIONS, INCLUDING ACCURATE DISTANCES OF MAIN LINES, VALVES, FITTINGS, MANHOLES AND LOCATIONS OF WATER AND SEWER SERVICES.
17. SANITARY SEWER PIPE AND FITTINGS: PVC 4" - 8" ASTM D3034, TYPE PSM, SDR 35. PUSH-ON JOINTS AND MOLDED RUBBER GASKETS. MAXIMUM HORIZONTAL DEFLECTIONS, AFTER INSTALLATION AND BACK FILLING SHALL NOT EXCEED 3% OF THE PIPE DIAMETER. (MINIMUM CURVE RADIUS IS 100' FOR 8" PVC SANITARY SEWER MAIN)



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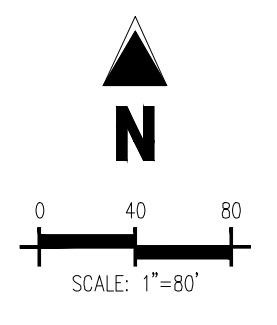
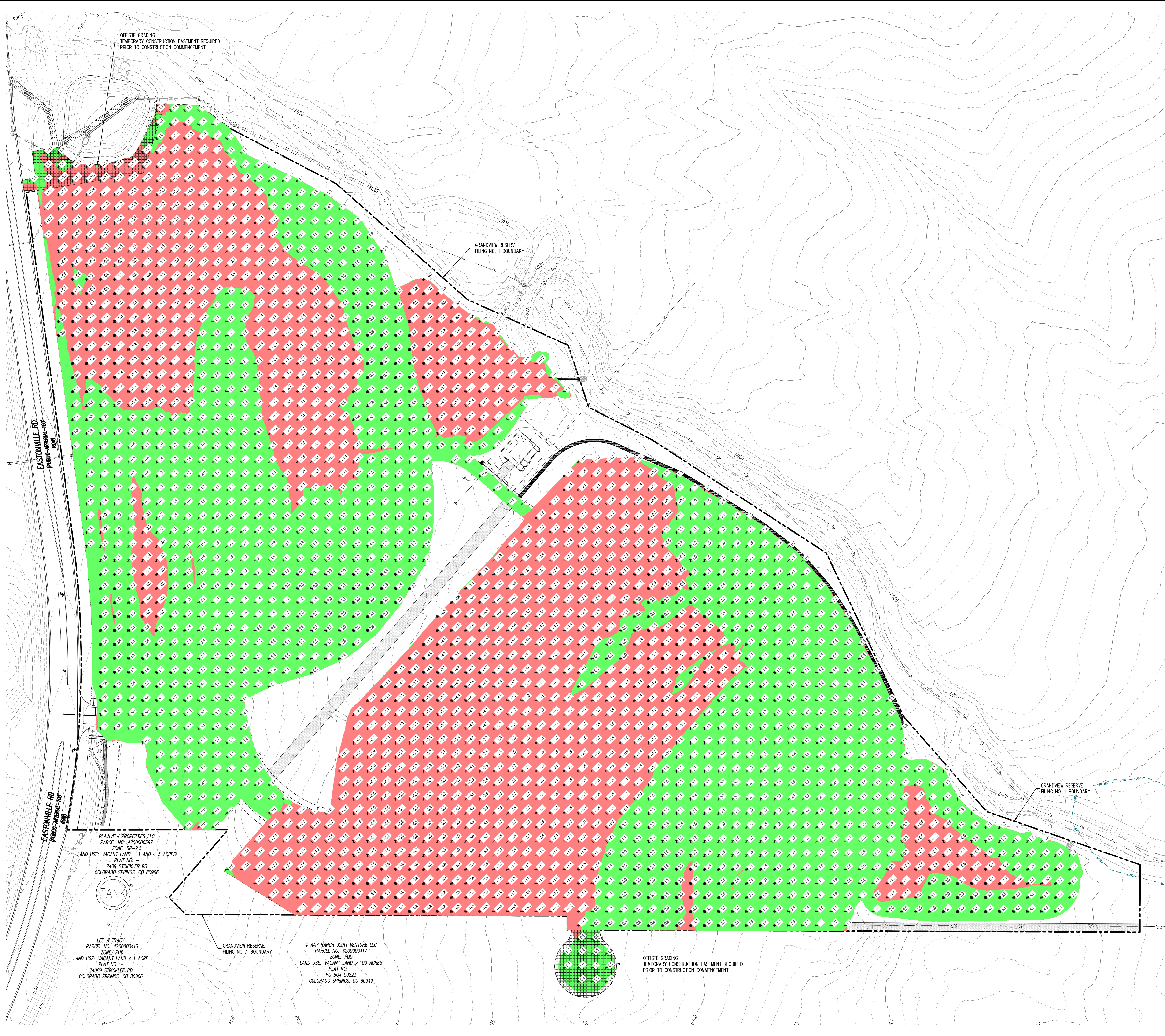


GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
SF2311
EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

Table with 4 columns: #, Date, Issue / Description, Init. Rows 1-15 are blank.

Project No: HRG02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

NOTES



LEGEND

	AREAS OF CUT
	AREAS OF FILL
	OFFSITE GRADING

CUT & FILL SUMMARY	
CUT	61,747 CY
FILL	61,045 CY
NET	702 CY (CUT)
FILL FACTOR: 1.00	
CUT FACTOR: 1.00	

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#	Date	Issue / Description	Init.

Project No: HRC02
 Drawn By: JDM, BLB
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CUT & FILL MAP

G0.2

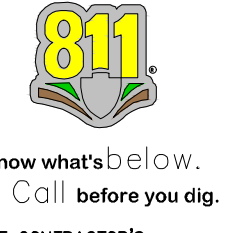
Sheet 3 of 32

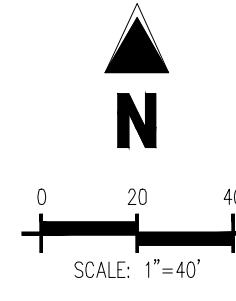
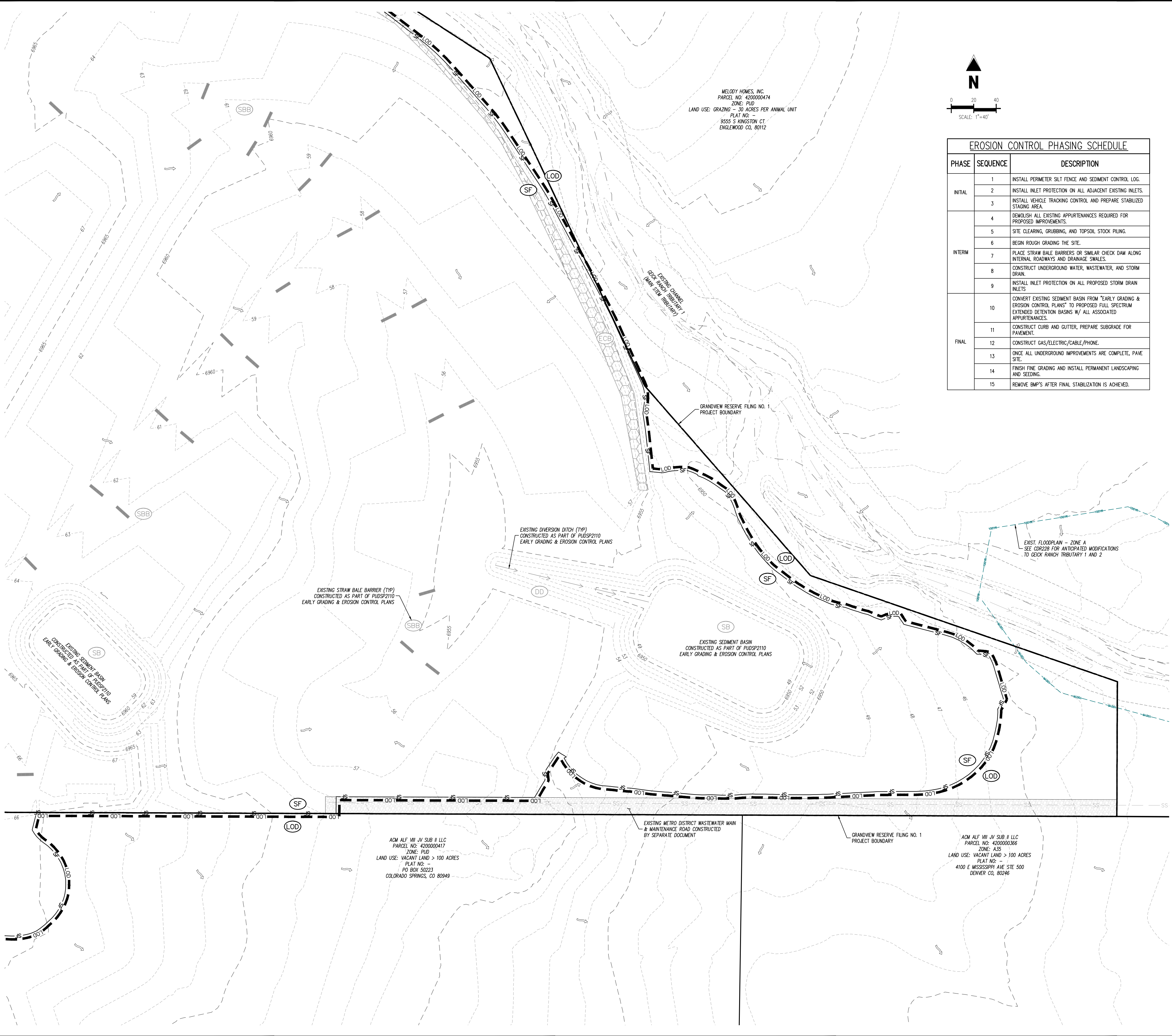
BASIS OF BEARING
 THE NORTH LINE OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, EL PASO COUNTY, STATE OF COLORADO BEING MONUMENTED AT EACH END BY A 3/4" ALUMINUM SURVEYORS CAP STAMPED "PSINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK
 NOS 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 SOUTHWEST OF THE CENTERLINE OF THE TRACK.
 NAVD83 ELEVATION = 6866.33

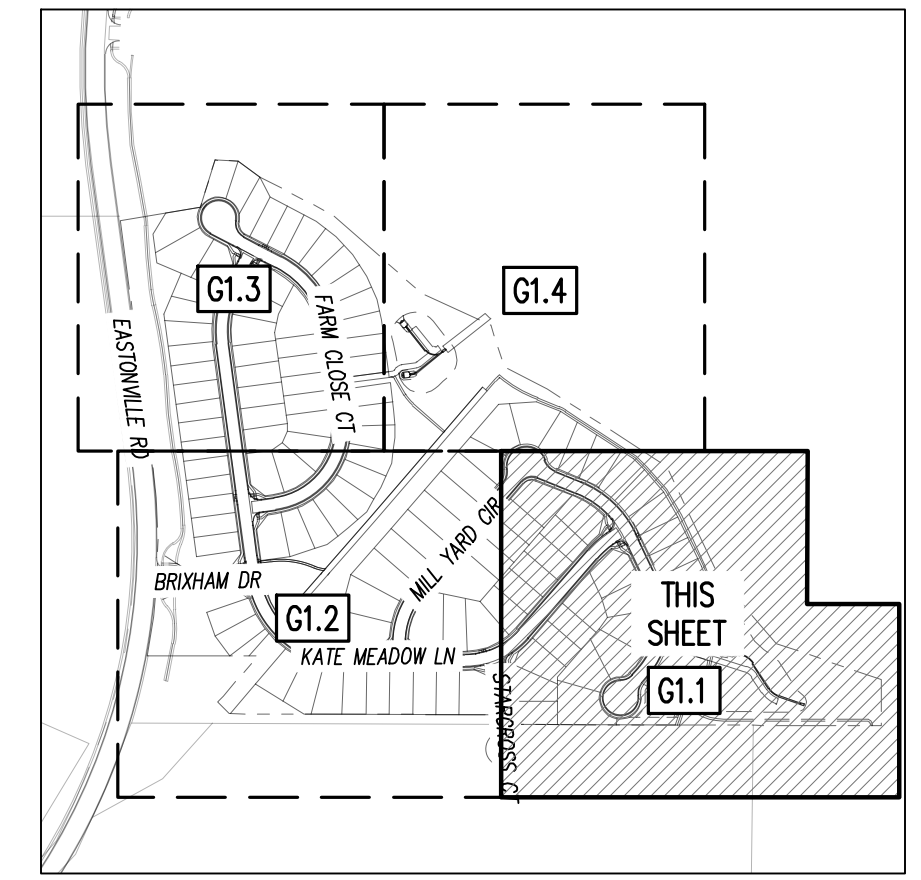
CAUTION - NOTICE TO CONTRACTOR

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- 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.





EROSION CONTROL PHASING SCHEDULE		
PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
	2	INSTALL INLET PROTECTION ON ALL ADJACENT EXISTING INLETS.
	3	INSTALL VEHICLE TRACKING CONTROL AND PREPARE STABILIZED STAGING AREA.
INTERM	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
	7	PLACE STRAW BALE BARRIERS OR SIMILAR CHECK DAM ALONG INTERNAL ROADWAYS AND DRAINAGE SWALES.
FINAL	8	CONSTRUCT UNDERGROUND WATER, WASTEWATER, AND STORM DRAIN.
	9	INSTALL INLET PROTECTION ON ALL PROPOSED STORM DRAIN INLETS.
	10	CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO PROPOSED FULL SPECTRUM EXTENDED DETENTION BASIN W/ ALL ASSOCIATED APPURTENANCES.
	11	CONSTRUCT CURB AND GUTTER, PREPARE SUBGRADE FOR PAVEMENT.
	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.



- KEYMAP**
SCALE: 1"=500'
- EROSION CONTROL LEGEND**
- 5460 --- EXISTING MAJOR CONTOUR
 - 52 --- EXISTING MINOR CONTOUR
 - CABS --- PROPOSED MAJOR CONTOUR
 - CB --- PROPOSED MINOR CONTOUR
 - --- EXISTING STORM SEWER
 - --- PROPOSED STORM SEWER
 - SS --- EXISTING SANITARY SEWER
 - SS --- PROPOSED SANITARY SEWER
 - W --- PROPOSED WATER LINE
 - G --- EXISTING GAS LINE
 - --- 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 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)
 - (IPD) --- 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

- ALL EXISTING SILT FENCE INSTALLED WITH PUDSP2110, EARLY GRADING & EROSION CONTROL PLANS, SHALL BE RELOCATED TO MATCH THIS PLAN.

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.

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NAVD88 ELEVATION = 6986.33

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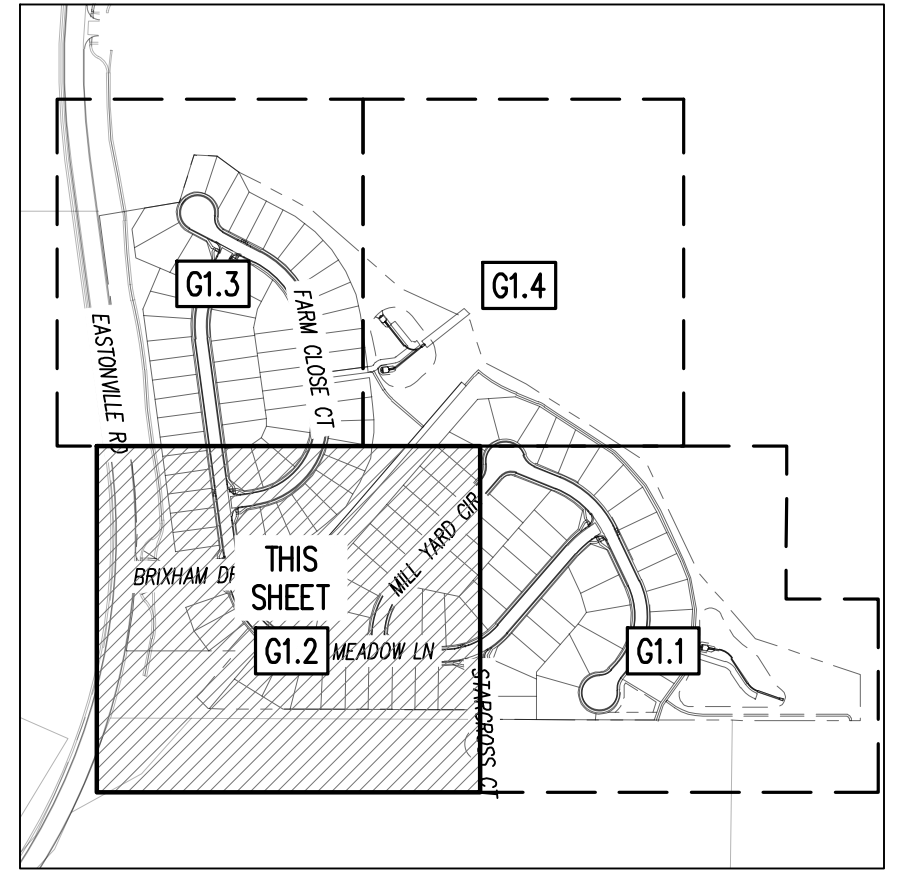
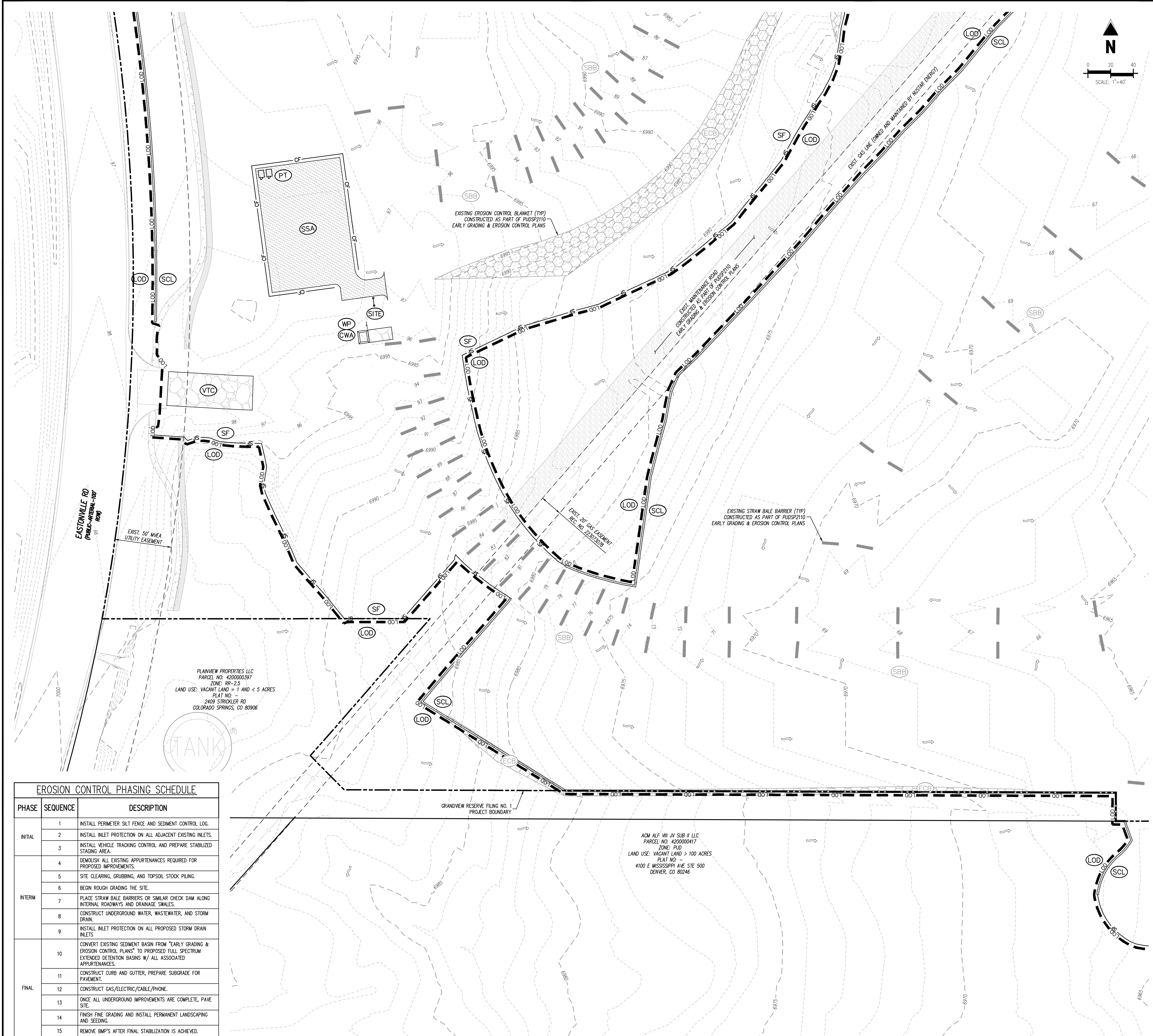


GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
SF2311
EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

#	Date	Issue / Description	Init.

Project No: HRC02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

INITIAL EROSION CONTROL PLAN



- KEYMAP**
SCALE: 1"=500'
- 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
 - EXISTING SANITARY SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED WATER LINE
 - EXISTING GAS LINE
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 - 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)
 - IPD 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**
- EXISTING SILT FENCE INSTALLED WITH PUDSP2110, EARLY GRADING & EROSION CONTROL PLANS, SHALL BE RELOCATED TO MATCH THIS PLAN.
- 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 3/4" ALUMINUM SURVEYORS CAP STAMPED "PINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.
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	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
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	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.

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

ADM ALF VII JV SUB II LLC
PARCEL NO. 420000417
ZONE: PUD
LAND USE: VACANT LAND > 100 ACRES
PLAT NO. -
4100 E MISSISSIPPI AVE STE 500
DENVER, CO 80246

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

GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
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SF2311

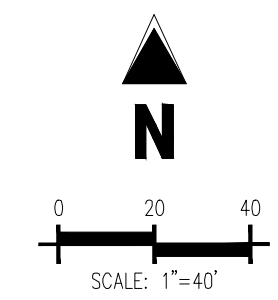
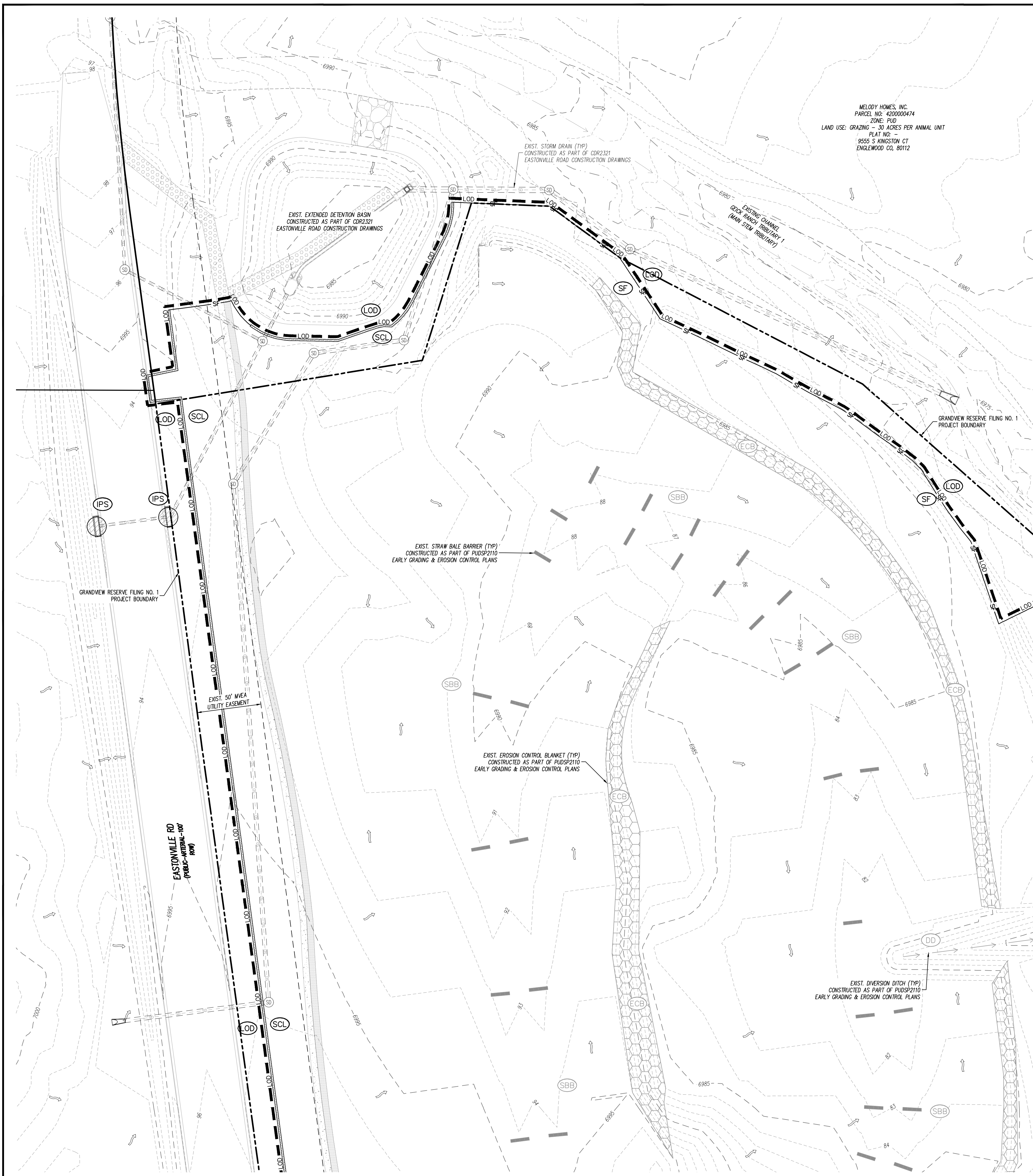
EASTONVILLE RD & REX RD
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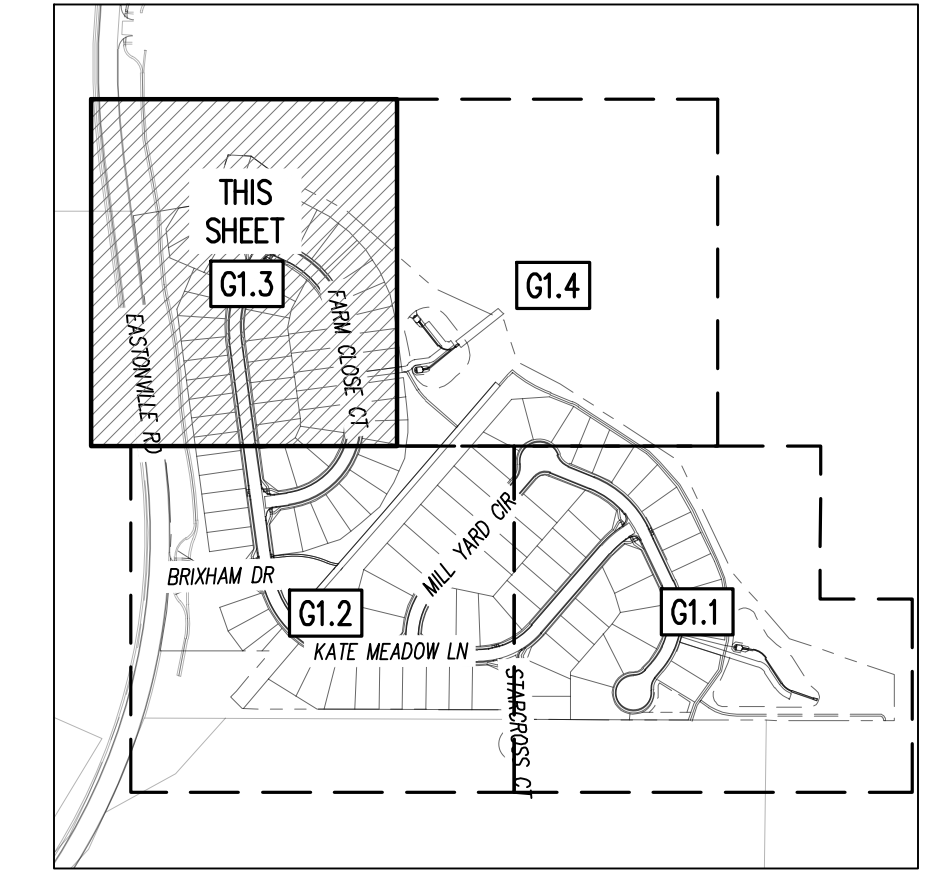
Project No: HRC02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

INITIAL EROSION CONTROL PLAN

G1.2
Sheet 5 of 32



MELODY HOMES, INC.
 PARCEL NO: 420000474
 ZONE: PUD
 LAND USE: GRAZING - 30 ACRES PER ANIMAL UNIT
 PLAT NO:
 8555 S KINGSTON CT
 ENGLEWOOD CO, 80112

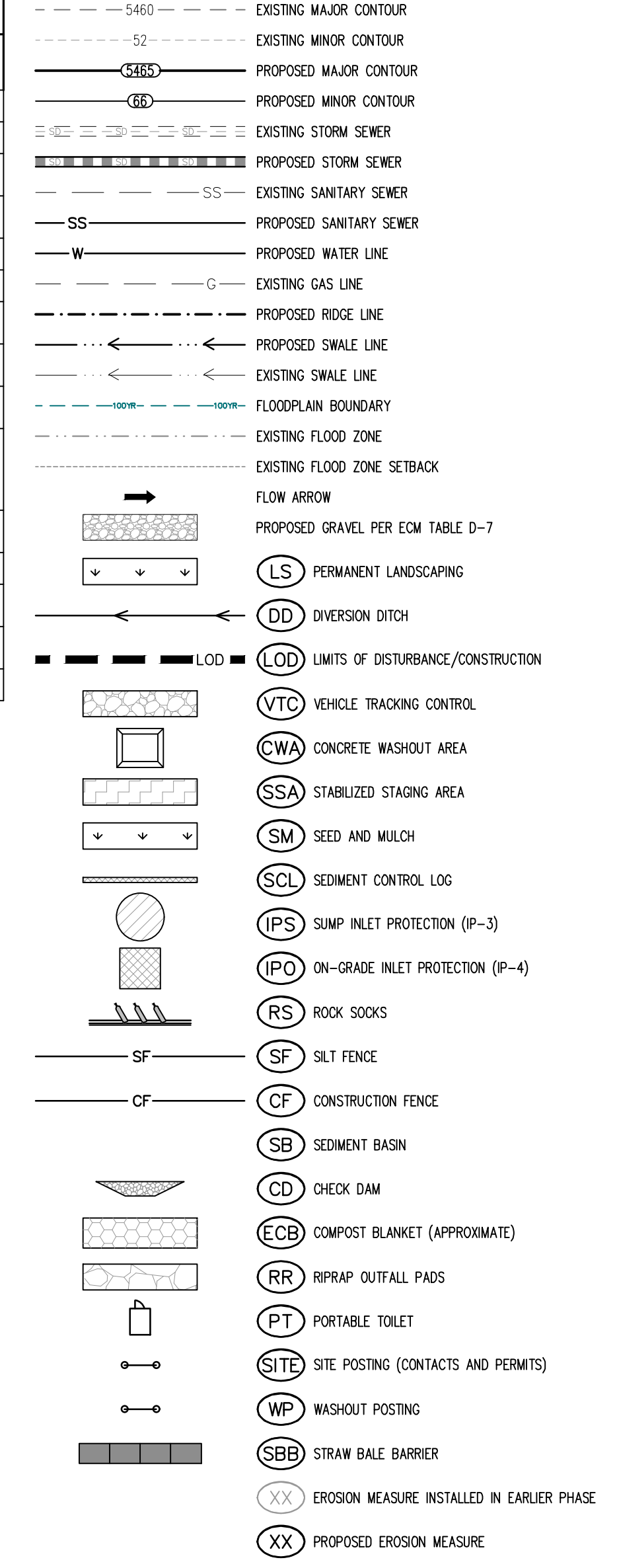


KEYMAP
 SCALE: 1"=500'

EROSION CONTROL PHASING SCHEDULE

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INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
	2	INSTALL INLET PROTECTION ON ALL ADJACENT EXISTING INLETS.
	3	INSTALL VEHICLE TRACKING CONTROL AND PREPARE STABILIZED STAGING AREA.
INTERM	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
	7	PLACE STRAW BALE BARRIERS OR SIMILAR CHECK DAM ALONG INTERNAL ROADWAYS AND DRAINAGE SWALES.
	8	CONSTRUCT UNDERGROUND WATER, WASTEWATER, AND STORM DRAIN.
	9	INSTALL INLET PROTECTION ON ALL PROPOSED STORM DRAIN INLETS.
FINAL	10	CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO PROPOSED FULL SPECTRUM EXTENDED DETENTION BASINS W/ ALL ASSOCIATED APPURTENANCES.
	11	CONSTRUCT CURB AND GUTTER, PREPARE SUBGRADE FOR PAVEMENT.
	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.

EROSION CONTROL LEGEND



NOTES

1. ALL EXISTING SILT FENCE INSTALLED WITH PUDSP2110, EARLY GRADING & EROSION CONTROL PLANS, SHALL BE RELOCATED TO MATCH THIS PLAN.

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 SURVEYORS CAP STAMPED "PSINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

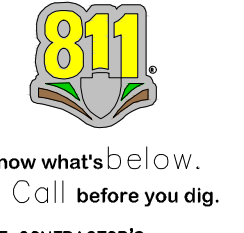
BENCHMARK

NOS 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 SOUTHWEST OF THE CENTERLINE OF THE TRACK.
 NAVD88 ELEVATION = 6866.33

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2. 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 EXCAVATION OR AN ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



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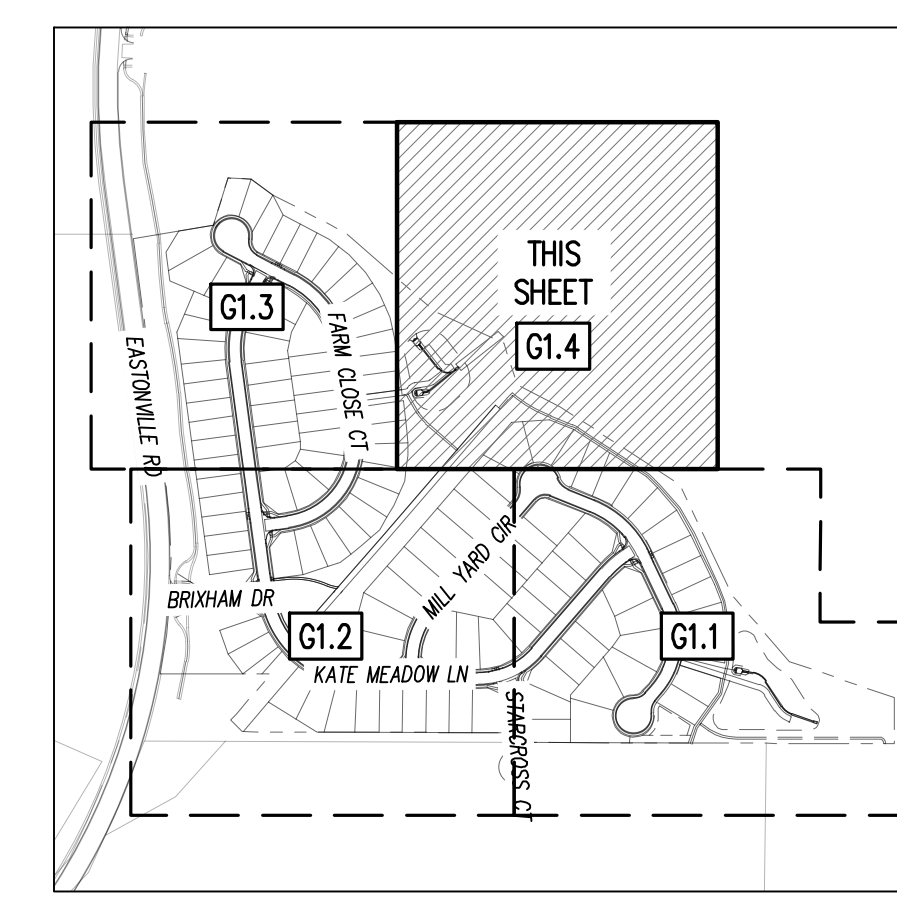
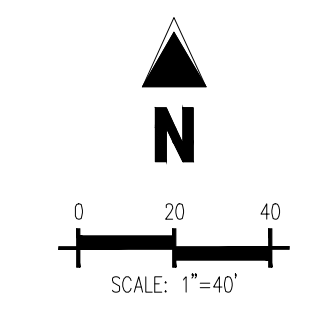
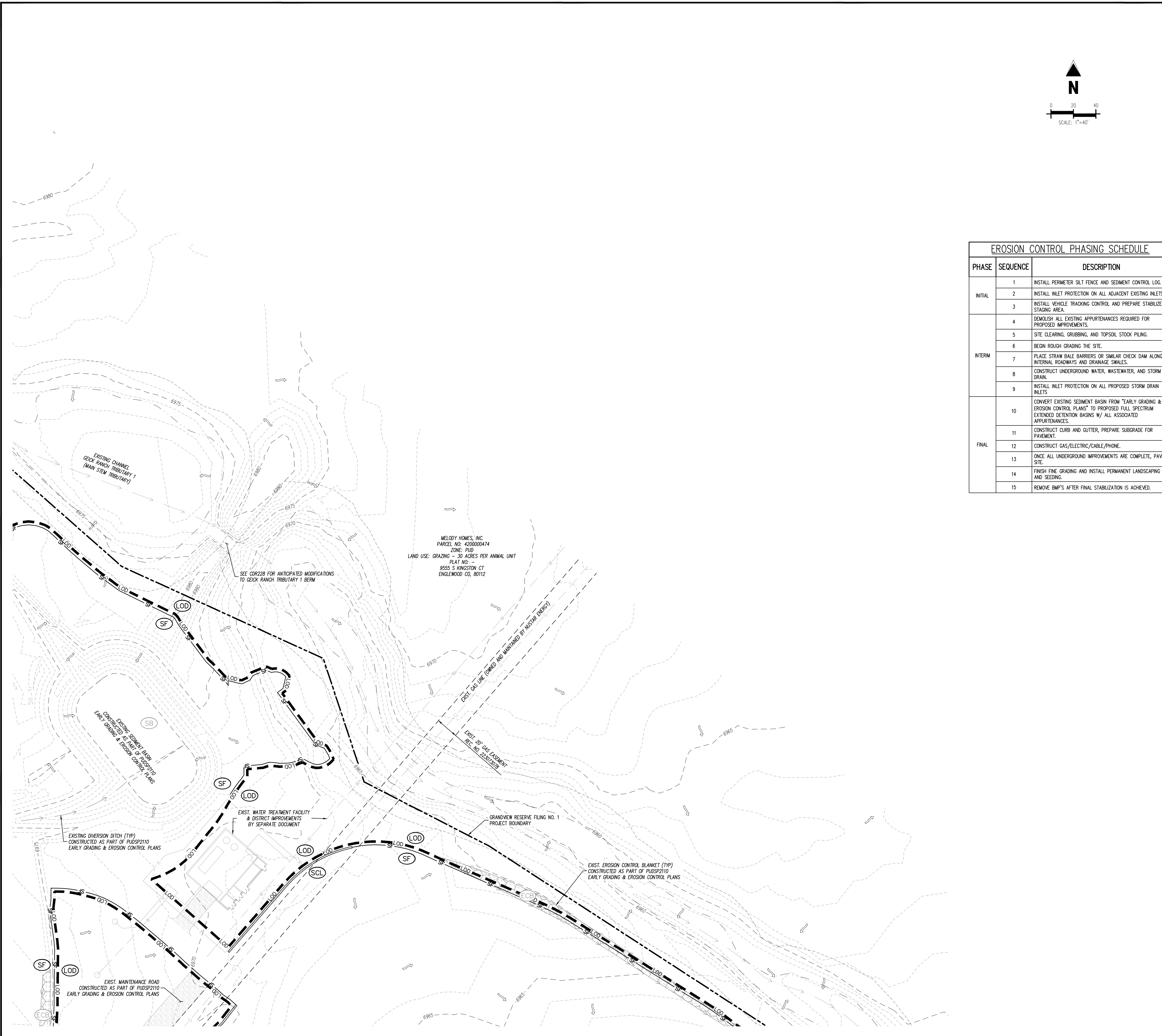
GRADING & EROSION CONTROL PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311

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

#	Date	Issue / Description	Init.

Project No:	HRG02
Drawn By:	JDM, BLB
Checked By:	BAS, CMWJ
Date:	03/15/2024

INITIAL EROSION CONTROL PLAN



KEYMAP
SCALE: 1"=500'

EROSION CONTROL PHASING SCHEDULE

PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
	2	INSTALL INLET PROTECTION ON ALL ADJACENT EXISTING INLETS.
	3	INSTALL VEHICLE TRACKING CONTROL AND PREPARE STABILIZED STAGING AREA.
INTERIM	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
	7	PLACE STRAW BALE BARRIERS OR SIMILAR CHECK DAM ALONG INTERNAL ROADWAYS AND DRAINAGE SWALES.
	8	CONSTRUCT UNDERGROUND WATER, WASTEWATER, AND STORM DRAIN.
	9	INSTALL INLET PROTECTION ON ALL PROPOSED STORM DRAIN INLETS
FINAL	10	CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO PROPOSED FULL SPECTRUM EXTENDED DETENTION BASINS W/ ALL ASSOCIATED APPURTENANCES.
	11	CONSTRUCT CURB AND GUTTER, PREPARE SUBGRADE FOR PAVEMENT.
	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.

EROSION CONTROL LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- PROPOSED WATER LINE
- EXISTING GAS LINE
- 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
- PERMANENT LANDSCAPING
- DIVERSION DITCH
- LOD LIMITS OF DISTURBANCE/CONSTRUCTION
- VEHICLE TRACKING CONTROL
- CONCRETE WASHOUT AREA
- STABILIZED STAGING AREA
- SEED AND MULCH
- SEDIMENT CONTROL LOG
- SWAMP 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

NOTES

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BASIS OF BEARING

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

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GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
SF2311

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

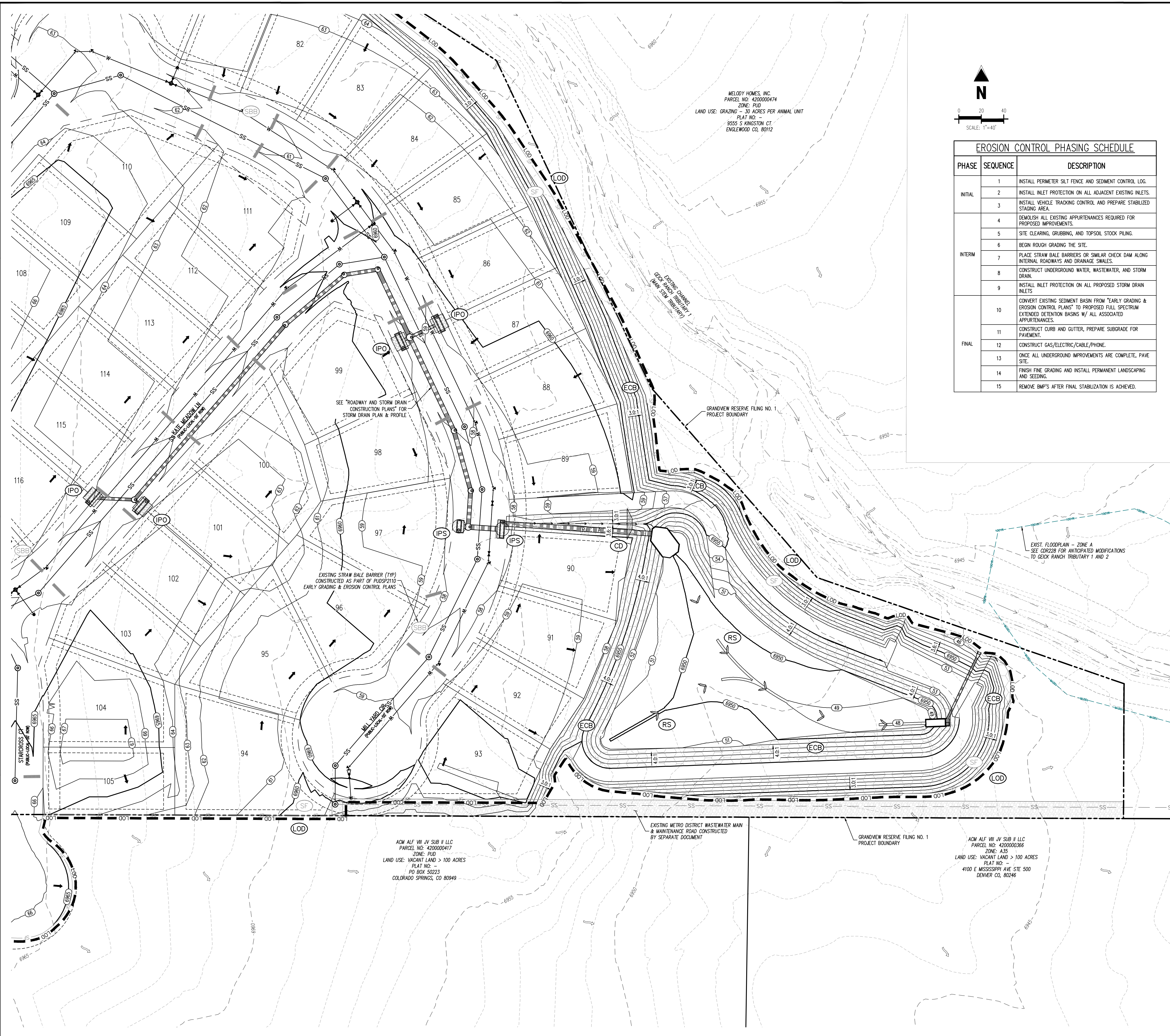
#	Date	Issue / Description	Init.

Project No: HRG02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

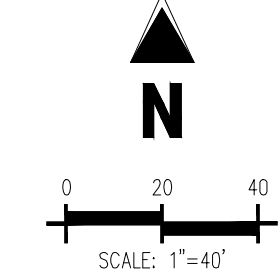
INITIAL EROSION CONTROL PLAN

G1.4

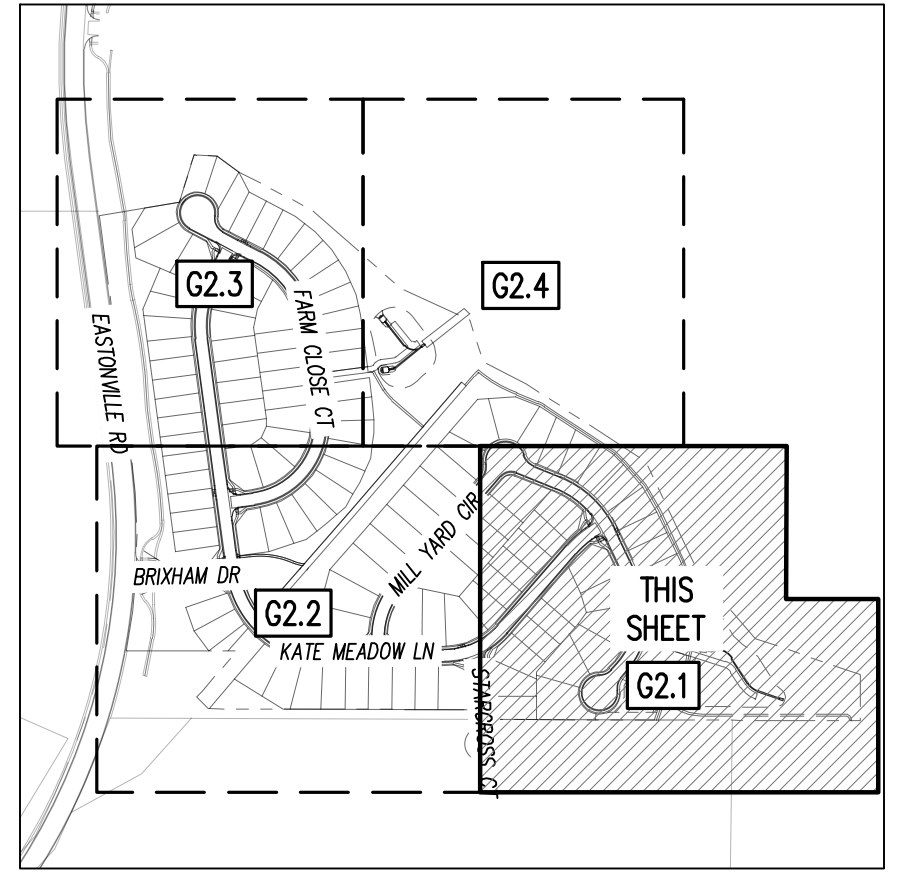
Sheet 7 of 32



MELODY HOMES, INC.
 PARCEL NO: 420000474
 ZONE: PUD
 LAND USE: GRAZING - 30 ACRES PER ANIMAL UNIT
 PLAT NO:
 9555 S KINGSTON CT
 ENGLEWOOD CO, 80112



EROSION CONTROL PHASING SCHEDULE		
PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
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KEYMAP
 SCALE: 1"=500'

EROSION CONTROL LEGEND

- 5460— EXISTING MAJOR CONTOUR
- S2— EXISTING MINOR CONTOUR
- CB65— PROPOSED MAJOR CONTOUR
- CB60— PROPOSED MINOR CONTOUR
- SS— EXISTING STORM SEWER
- SS— PROPOSED STORM SEWER
- SS— EXISTING SANITARY SEWER
- SS— PROPOSED SANITARY SEWER
- W— EXISTING WATER LINE
- W— PROPOSED WATER LINE
- G— EXISTING GAS LINE
- G— PROPOSED RIDGE LINE
- S— EXISTING SWALE LINE
- S— PROPOSED SWALE LINE
- S— EXISTING SWALE LINE
- FLOODPLAIN BOUNDARY
- EXISTING FLOOD ZONE
- EXISTING FLOOD ZONE SETBACK
- FLOW ARROW
- PROPOSED GRAVEL PER EGM 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 (IP-3)
- (IPD) 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

BASIS OF BEARING

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GRANDVIEW RESERVE FILING NO. 1
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SF2311
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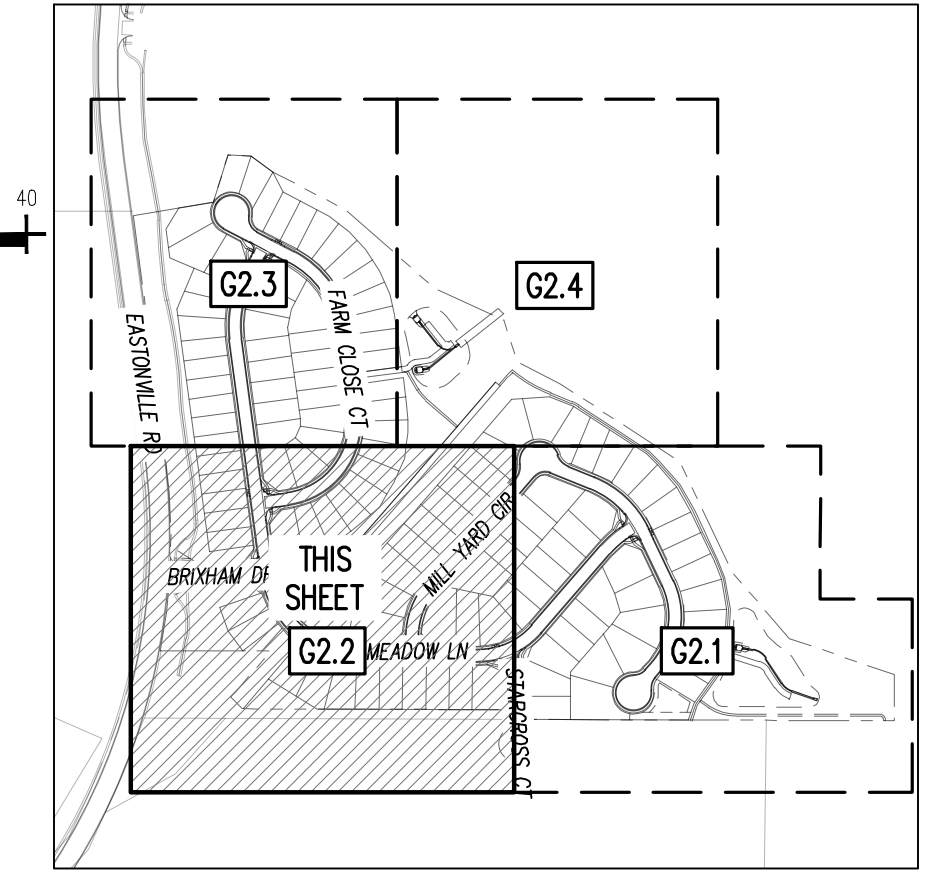
Project No: HRC02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

INTERIM EROSION CONTROL PLAN

#	Date	Issue / Description	Init.

Project No: HRC02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

INTERIM EROSION CONTROL PLAN



KEYMAP
 SCALE: 1"=500'

EROSION CONTROL LEGEND

5460	EXISTING MAJOR CONTOUR
52	EXISTING MINOR CONTOUR
G455	PROPOSED MAJOR CONTOUR
G65	PROPOSED MINOR CONTOUR
---	EXISTING STORM SEWER
---	PROPOSED STORM SEWER
SS	EXISTING SANITARY SEWER
SS	PROPOSED SANITARY SEWER
W	PROPOSED WATER LINE
---	EXISTING GAS LINE
---	PROPOSED RIDGE LINE
---	PROPOSED SWALE LINE
---	EXISTING SWALE LINE
---	FLOODPLAIN BOUNDARY
---	EXISTING FLOOD ZONE
---	EXISTING FLOOD ZONE SETBACK
---	FLOW ARROW
---	PROPOSED GRAVEL PER ECR 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)
IPD	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
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XX	EROSION MEASURE INSTALLED IN EARLIER PHASE
XX	PROPOSED EROSION MEASURE

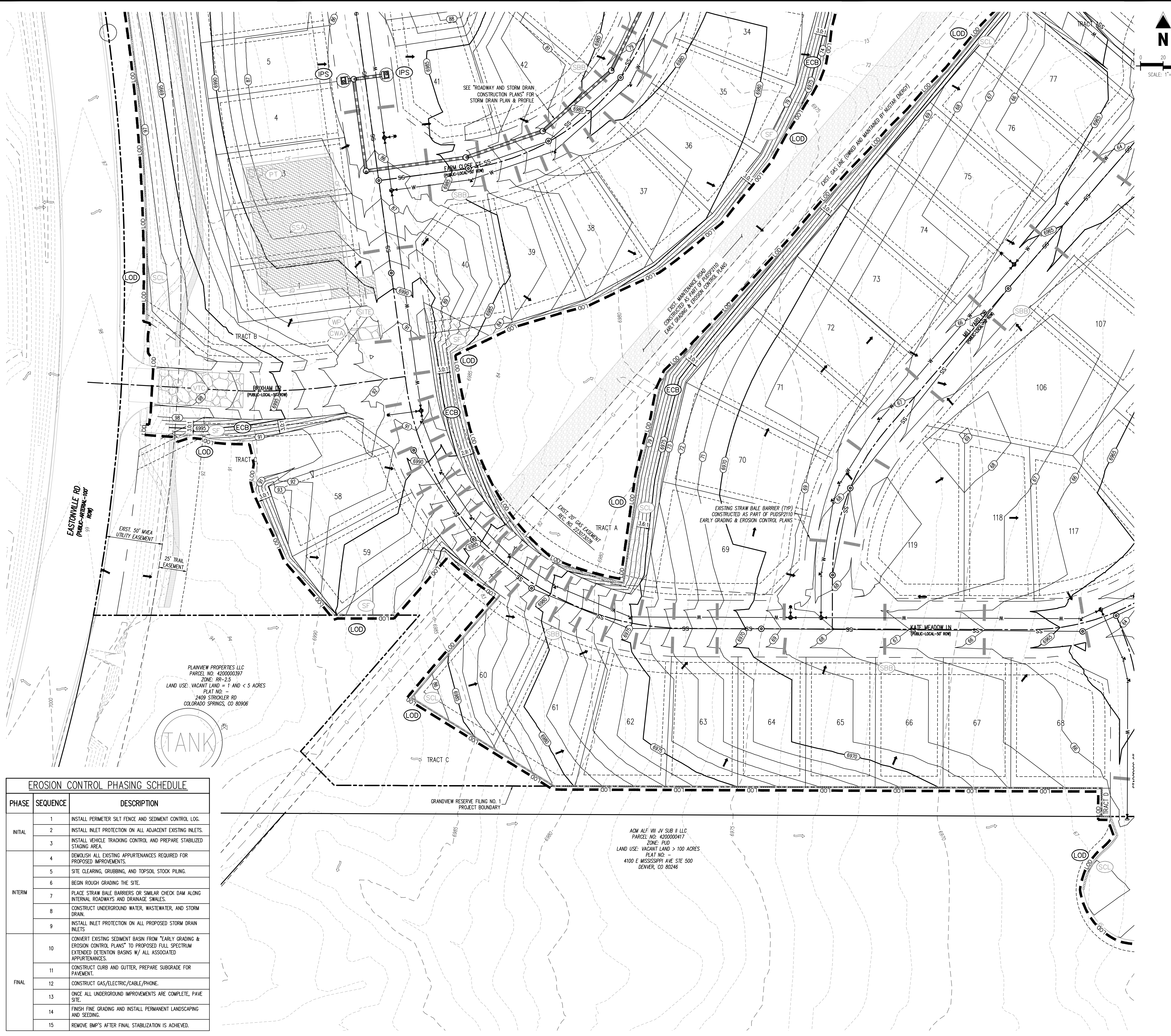
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 NAVD83 ELEVATION = 6866.33

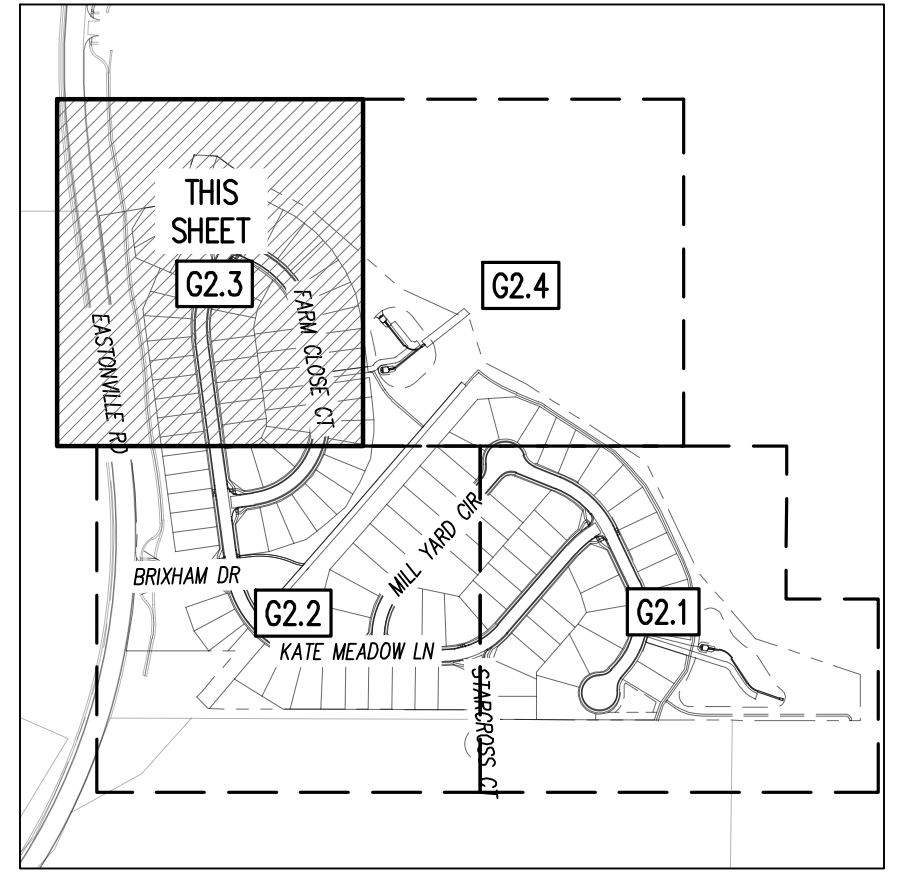
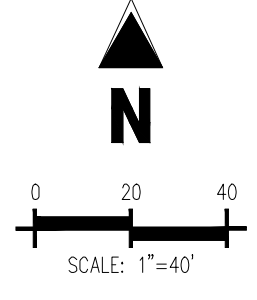
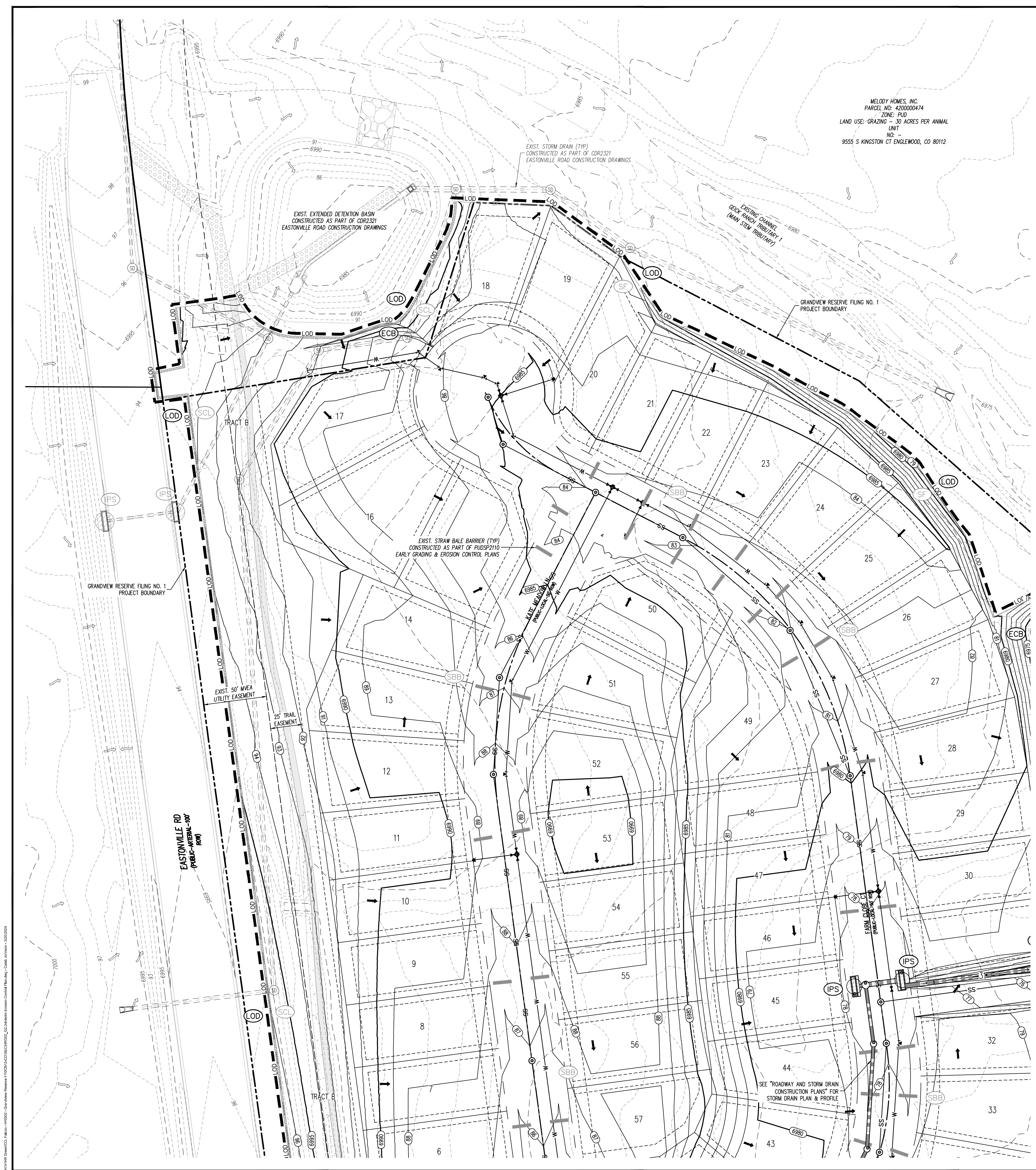
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PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
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	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
INTERIM	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
	7	PLACE STRAW BALE BARRIERS OR SIMILAR CHECK DAM ALONG INTERNAL ROADWAYS AND DRAINAGE SWALES.
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	11	CONSTRUCT CURB AND GUTTER, PREPARE SUBGRADE FOR PAVEMENT.
	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
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KEYMAP
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EROSION CONTROL LEGEND

5460 - - - - - EXISTING MAJOR CONTOUR

52 - - - - - EXISTING MINOR CONTOUR

CBBS - - - - - PROPOSED MAJOR CONTOUR

CBM - - - - - PROPOSED MINOR CONTOUR

SSS - - - - - EXISTING STORM SEWER

SSS - - - - - PROPOSED STORM SEWER

SS - - - - - EXISTING SANITARY SEWER

SS - - - - - PROPOSED SANITARY SEWER

W - - - - - EXISTING WATER LINE

W - - - - - PROPOSED WATER LINE

G - - - - - EXISTING GAS LINE

G - - - - - PROPOSED GAS LINE

- - - - - EXISTING RIDGE LINE

- - - - - PROPOSED RIDGE LINE

- - - - - EXISTING SWALE LINE

- - - - - PROPOSED 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)

IPD 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 3-1/4" ALUMINUM SURVEYORS CAP STAMPED "PINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK
NOS 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

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2. 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.

811
Know what's below.
Call before you dig.

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

GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
MELLOY HOMES, INC.
SF2311

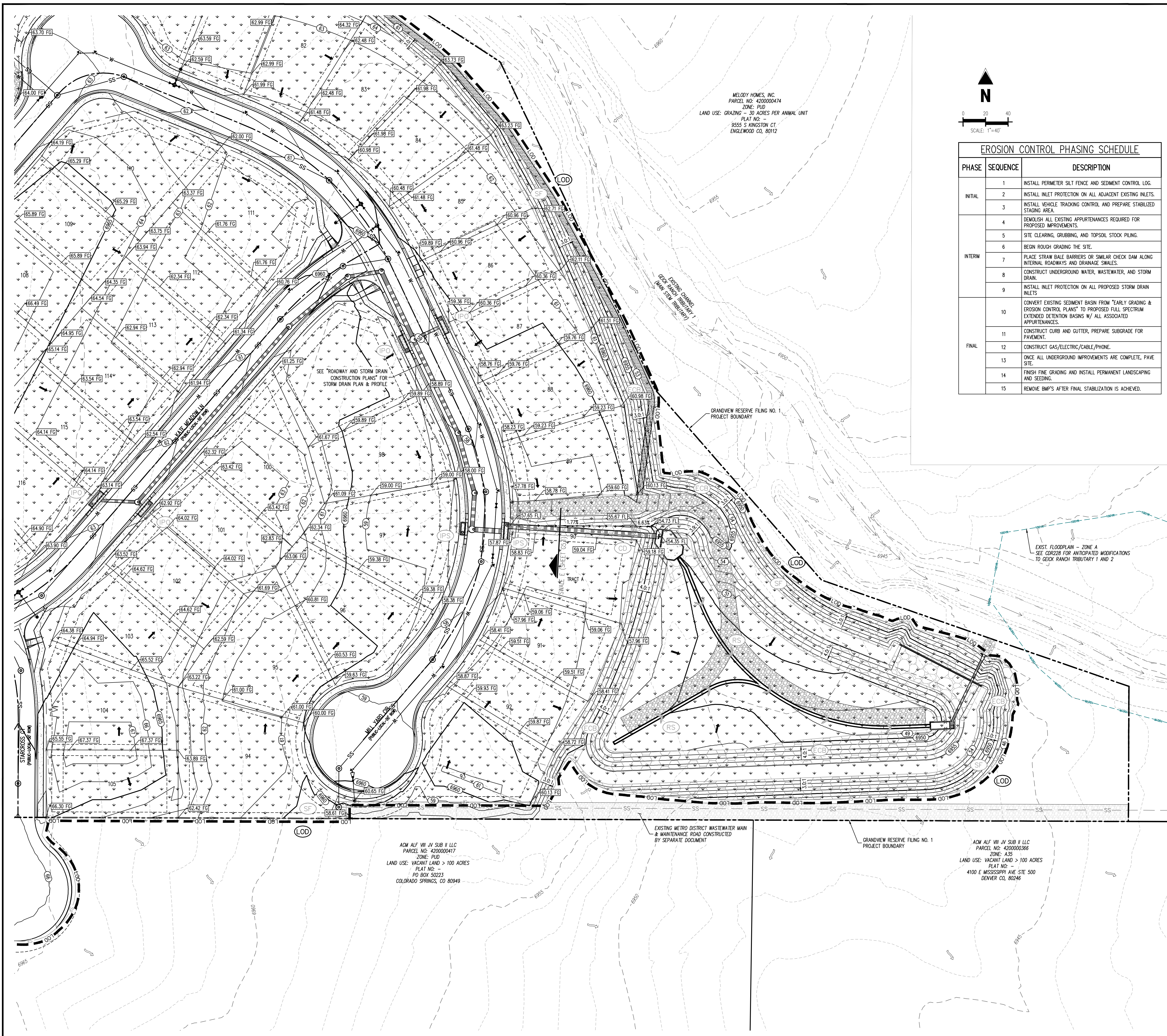
EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

#	Date	Issue / Description	Init.

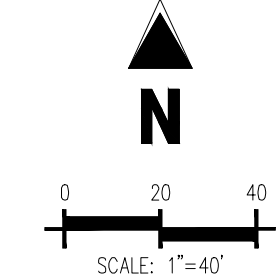
Project No: HRG02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

INTERIM EROSION CONTROL PLAN

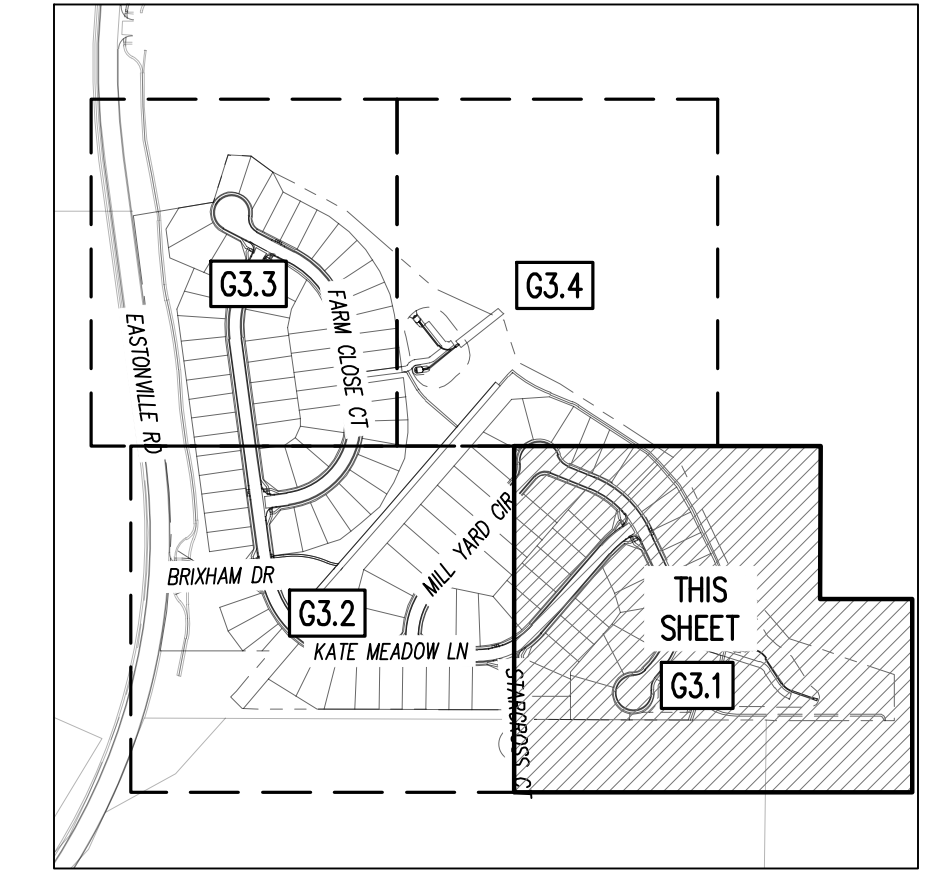
G2.3
Sheet 10 of 32



MELODY HOMES, INC.
 PARCEL NO. 420000474
 ZONE: PUD
 LAND USE: GRAZING - 30 ACRES PER ANIMAL UNIT
 PLAT NO.:
 9555 S KINGSTON CT
 ENGLEWOOD CO, 80112



EROSION CONTROL PHASING SCHEDULE		
PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
	2	INSTALL INLET PROTECTION ON ALL ADJACENT EXISTING INLETS.
	3	INSTALL VEHICLE TRACKING CONTROL AND PREPARE STABILIZED STAGING AREA.
INTERM	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
	7	PLACE STRAW BALE BARRIERS OR SIMILAR CHECK DAM ALONG INTERNAL ROADWAYS AND DRAINAGE SWALES.
	8	CONSTRUCT UNDERGROUND WATER, WASTEWATER, AND STORM DRAIN.
FINAL	9	INSTALL INLET PROTECTION ON ALL PROPOSED STORM DRAIN INLETS.
	10	CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO PROPOSED FULL SPECTRUM EXTENDED DETENTION BASIN W/ ALL ASSOCIATED APPURTENANCES.
	11	CONSTRUCT CURB AND GUTTER, PREPARE SUBGRADE FOR PAVEMENT.
	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.



KEYMAP
SCALE: 1"=500'

EROSION CONTROL LEGEND

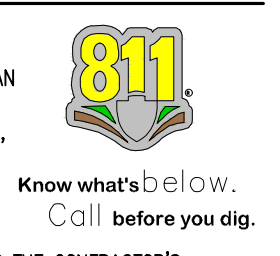
- 5460 --- EXISTING MAJOR CONTOUR
- 52 --- EXISTING MINOR CONTOUR
- 5465 --- PROPOSED MAJOR CONTOUR
- 56 --- PROPOSED MINOR CONTOUR
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- SS --- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- W --- PROPOSED WATER LINE
- EXISTING GAS LINE
- PROPOSED RIDGE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- FLOODPLAIN BOUNDARY
- EXISTING FLOOD ZONE
- EXISTING FLOOD ZONE SETBACK
- FLOW ARROW
- PROPOSED GRAVEL PER EGM TABLE 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)
- IPD --- 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 3/4" ALUMINUM SURVEYORS CAP STAMPED "PSINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

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 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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**GRADING & EROSION CONTROL PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF23111**

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

#	Date	Issue / Description	Init.

Project No: HRG02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

FINAL EROSION CONTROL PLAN

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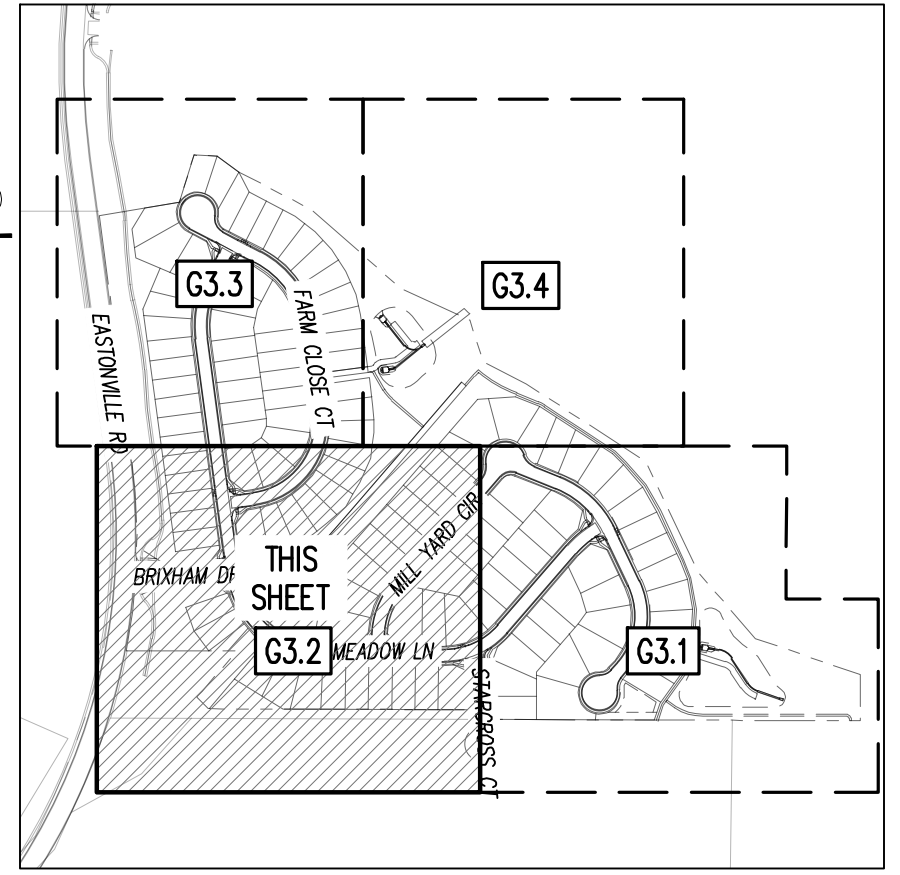
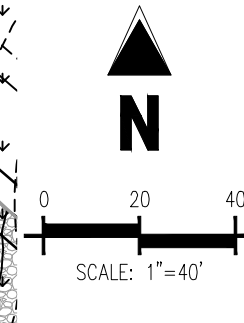
**GRADING & EROSION CONTROL PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311**

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

#	Date	Issue / Description	Init.

Project No: HRC02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

FINAL EROSION CONTROL PLAN



KEYMAP
SCALE: 1"=500'

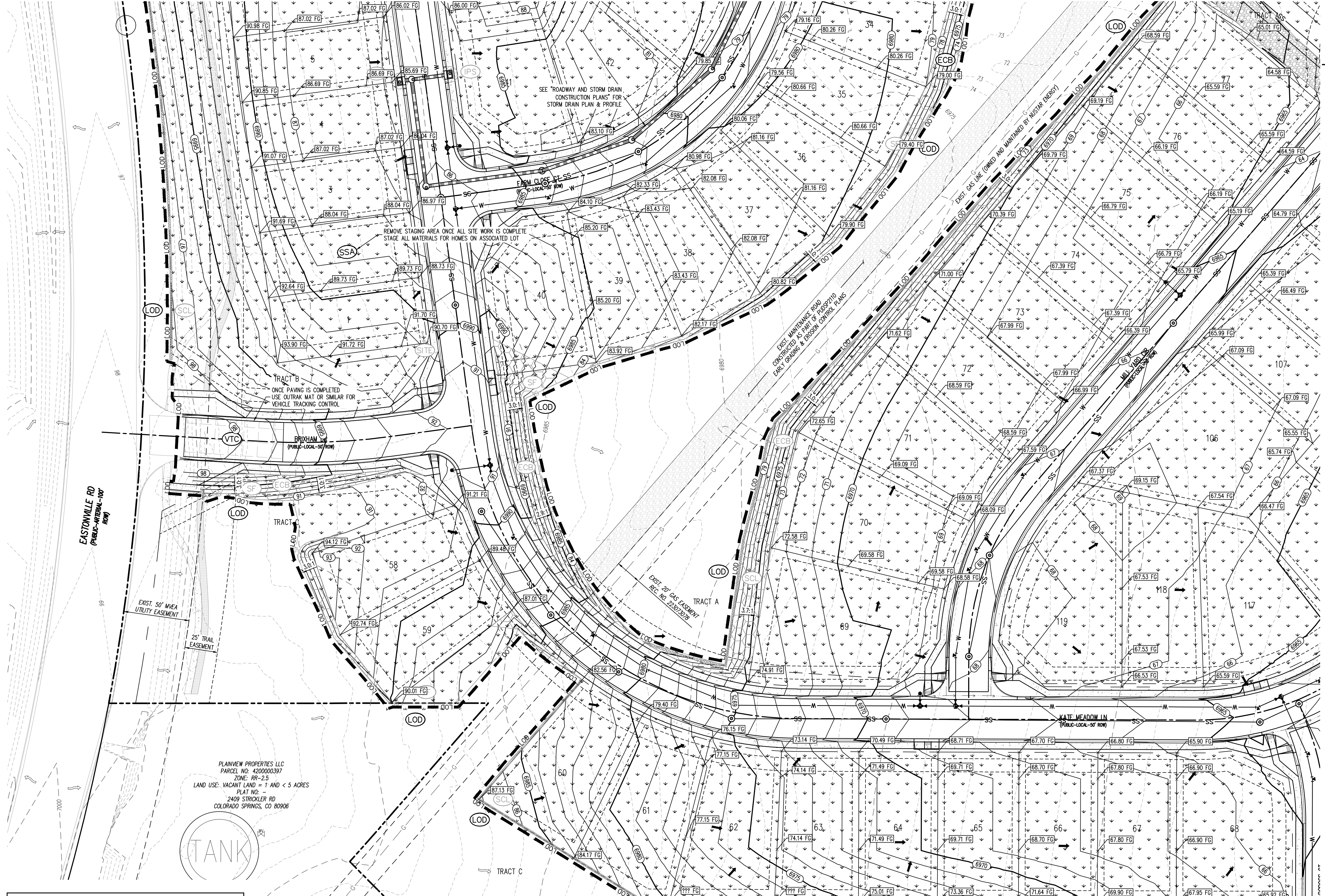
EROSION CONTROL LEGEND

5460	EXISTING MAJOR CONTOUR
S2	EXISTING MINOR CONTOUR
C485	PROPOSED MAJOR CONTOUR
G6	PROPOSED MINOR CONTOUR
SS	EXISTING STORM SEWER
SS	PROPOSED STORM SEWER
SS	EXISTING SANITARY SEWER
SS	PROPOSED SANITARY SEWER
W	PROPOSED WATER LINE
G	EXISTING GAS LINE
—	PROPOSED RIDGE LINE
—	PROPOSED SWALE LINE
—	EXISTING SWALE LINE
—	FLOODPLAIN BOUNDARY
—	EXISTING FLOOD ZONE
—	EXISTING FLOOD ZONE SETBACK
→	FLOW ARROW
→	PROPOSED GRAVEL PER ERM 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)
IPD	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
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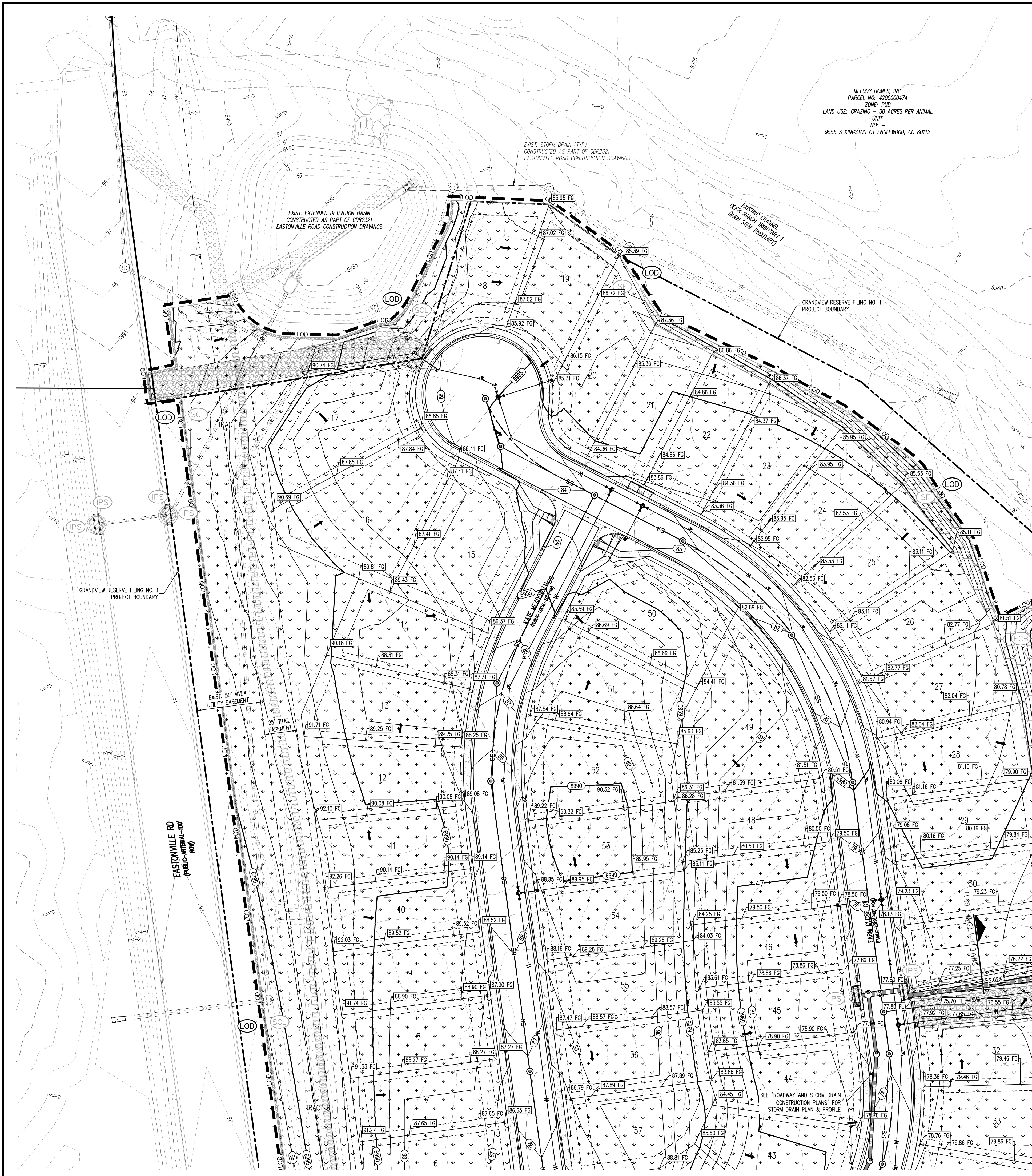
EROSION CONTROL PHASING SCHEDULE		
PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERMETER SILT FENCE AND SEDIMENT CONTROL LOG.
	2	INSTALL INLET PROTECTION ON ALL ADJACENT EXISTING INLETS.
	3	INSTALL VEHICLE TRACKING CONTROL AND PREPARE STABILIZED STAGING AREA.
INTERIM	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
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FINAL	10	CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO PROPOSED FULL SPECTRUM EXTENDED DETENTION BASIN W/ ALL ASSOCIATED APPURTENANCES.
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	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
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	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.

ADM ALF VII JV SUB II LLC
 PARCEL NO. 420000417
 ZONE: PUD
 LAND USE: VACANT LAND > 100 ACRES
 PLAT NO. 1
 4100 E MISSISSIPPI AVE STE 500
 DENVER, CO 80246

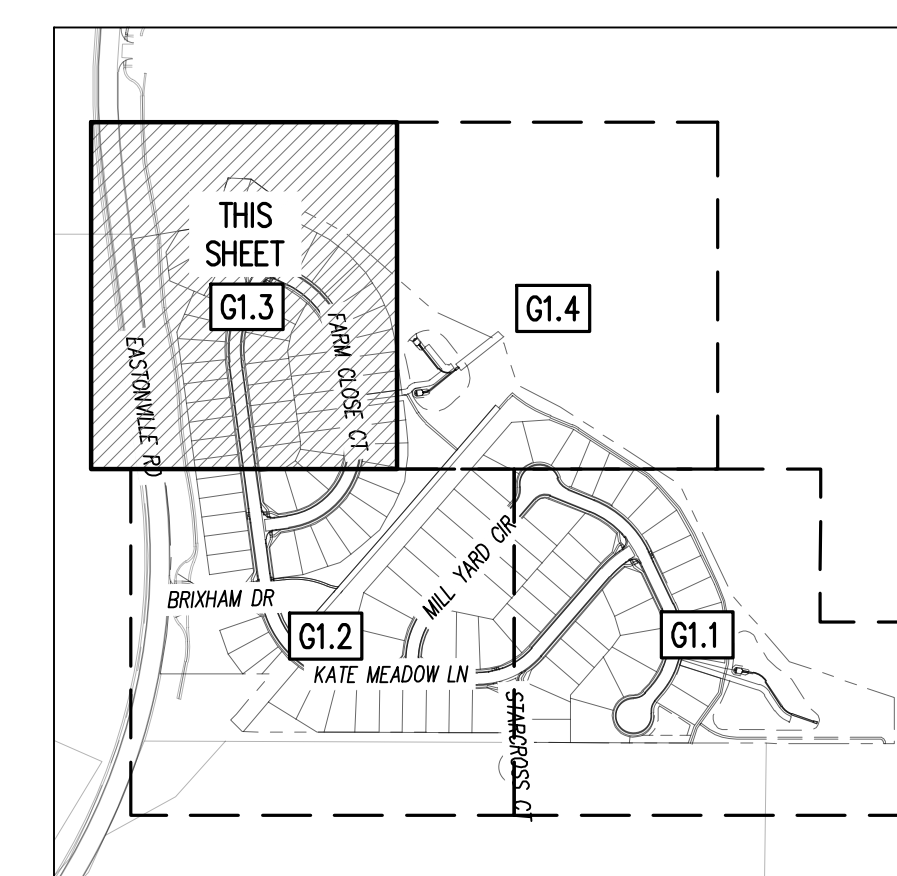
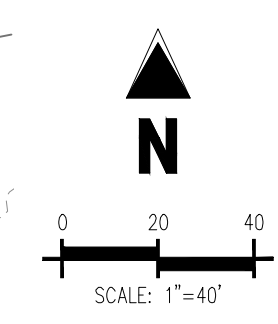
PLAINVIEW PROPERTIES LLC
 PARCEL NO. 420000397
 ZONE: RR-2.5
 LAND USE: VACANT LAND - 1 AND < 5 ACRES
 PLAT NO. 1
 2409 STROCKLER RD
 COLORADO SPRINGS, CO 80906



3/15/24 10:00 AM G:\Projects\2024\Grandview Reserve Filing No. 1\Melody Homes, Inc.\SF2311\G3.2.dwg User: JDM Date Plotted: 3/15/24 10:00 AM



MELODY HOMES, INC.
 PARCEL NO: 420000474
 ZONE: P10
 LAND USE: GRAZING - 30 ACRES PER ANIMAL
 UNIT
 NO -
 9555 S KINGSTON CT ENGLEWOOD, CO 80112



KEYMAP
 SCALE: 1"=500'

EROSION CONTROL PHASING SCHEDULE		
PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
	2	INSTALL INLET PROTECTION ON ALL ADJACENT EXISTING STAGING AREA.
	3	INSTALL VEHICLE TRACKING CONTROL AND PREPARE STABILIZED STAGING AREA.
INTERM	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
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	9	INSTALL INLET PROTECTION ON ALL PROPOSED STORM DRAIN INLETS.
FINAL	10	CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO PROPOSED FULL SPECTRUM EXTENDED DETENTION BASIN W/ ALL ASSOCIATED APPURTENANCES.
	11	CONSTRUCT CURB AND GUTTER, PREPARE SUBGRADE FOR PAVEMENT.
	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.

EROSION CONTROL LEGEND

- 5460 --- EXISTING MAJOR CONTOUR
- 52 --- EXISTING MINOR CONTOUR
- CB5 --- PROPOSED MAJOR CONTOUR
- CB --- PROPOSED MINOR CONTOUR
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- SS --- EXISTING SANITARY SEWER
- SS --- PROPOSED SANITARY SEWER
- W --- PROPOSED WATER LINE
- EXISTING GAS LINE
- 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 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)
- (IPD) --- 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

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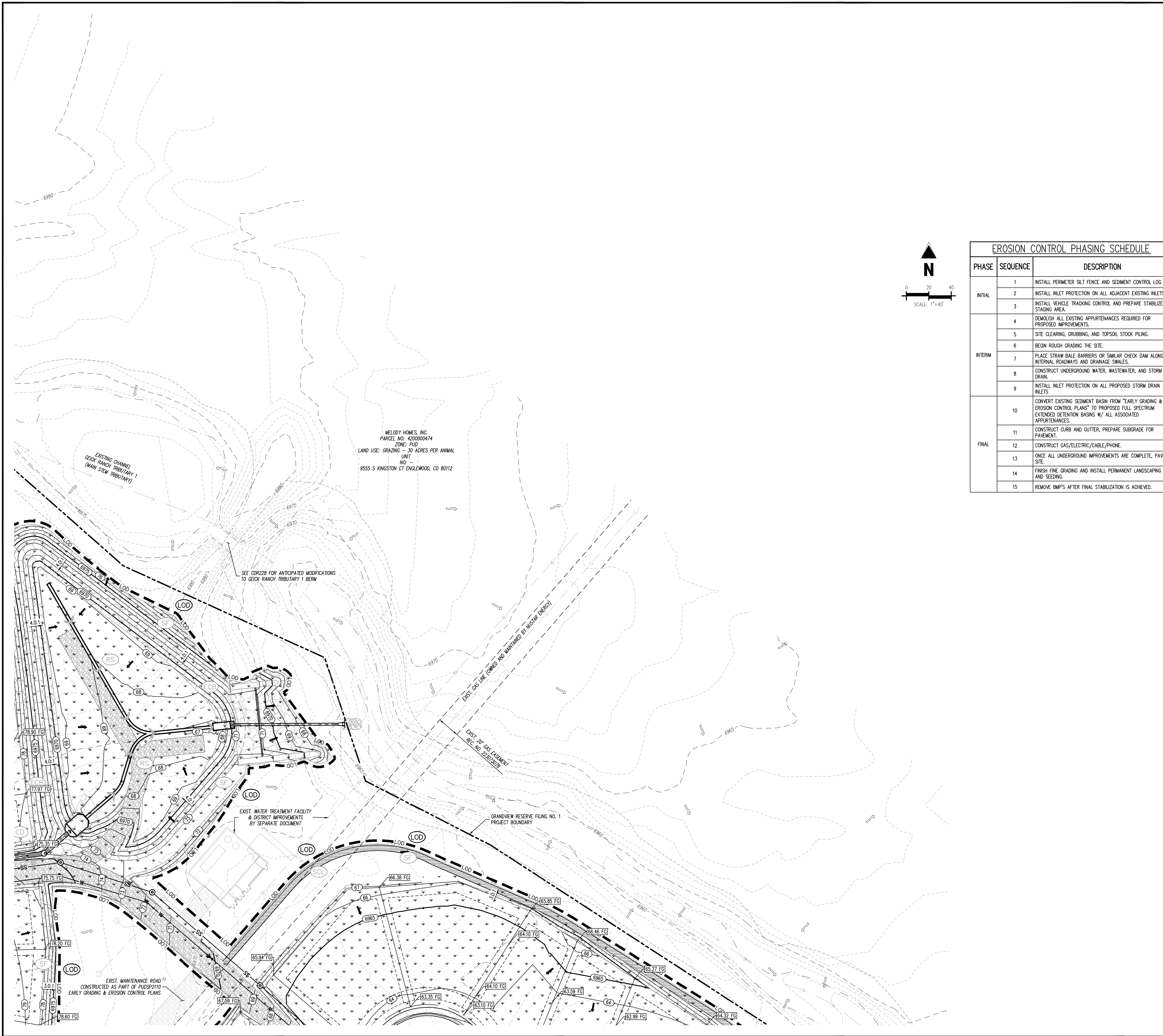


GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

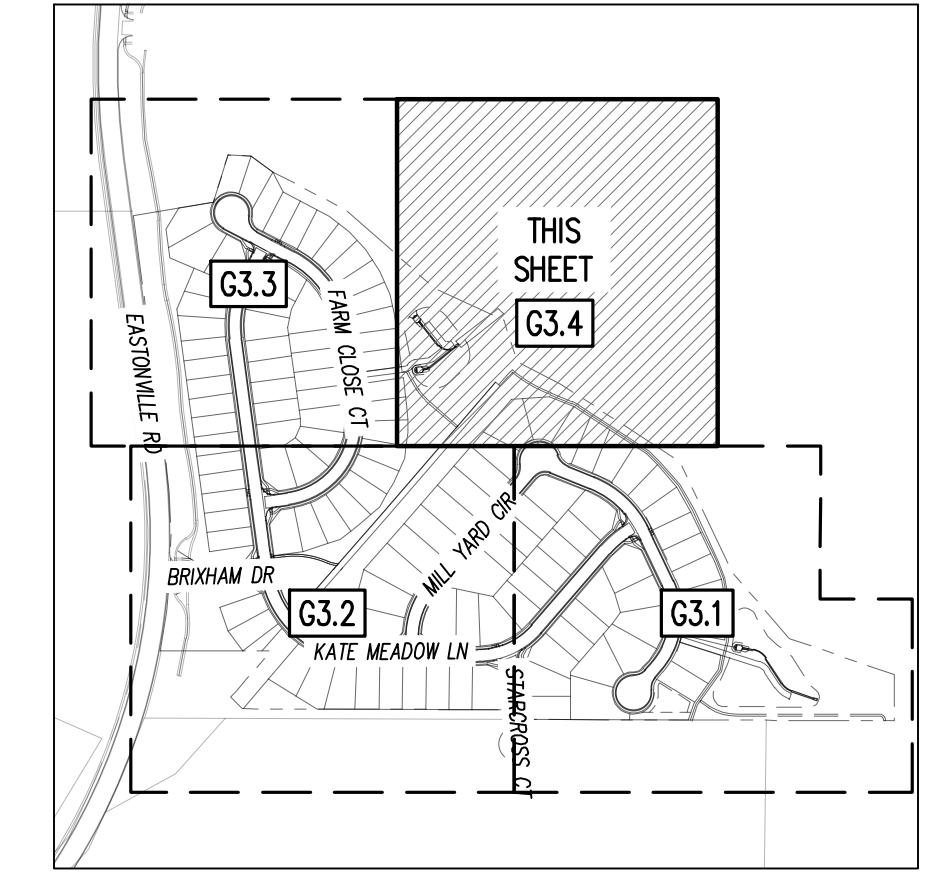
#	Date	Issue / Description	Init.

Project No: HRC02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

FINAL EROSION CONTROL PLAN

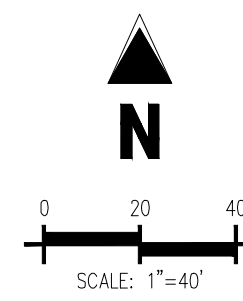


MELODY HOMES, INC.
 PARCEL NO: 420000474
 ZONE: FUD
 LAND USE: GRAZING - 30 ACRES PER ANIMAL UNIT
 NO. 1
 9555 S KINGSTON CT ENGLEWOOD, CO 80112



KEYMAP
 SCALE: 1"=500'

EROSION CONTROL PHASING SCHEDULE		
PHASE	SEQUENCE	DESCRIPTION
INITIAL	1	INSTALL PERIMETER SILT FENCE AND SEDIMENT CONTROL LOG.
	2	INSTALL INLET PROTECTION ON ALL ADJACENT EXISTING INLETS.
	3	INSTALL VEHICLE TRACKING CONTROL AND PREPARE STABILIZED STAGING AREA.
INTERM	4	DEMOLISH ALL EXISTING APPURTENANCES REQUIRED FOR PROPOSED IMPROVEMENTS.
	5	SITE CLEARING, GRUBBING, AND TOPSOIL STOCK PILING.
	6	BEGIN ROUGH GRADING THE SITE.
	7	PLACE STRAW BALE BARRIERS OR SIMILAR CHECK DAM ALONG INTERNAL ROADWAYS AND DRAINAGE SWALES.
	8	CONSTRUCT UNDERGROUND WATER, WASTEWATER, AND STORM DRAIN.
	9	INSTALL INLET PROTECTION ON ALL PROPOSED STORM DRAIN INLETS.
FINAL	10	CONVERT EXISTING SEDIMENT BASIN FROM "EARLY GRADING & EROSION CONTROL PLANS" TO PROPOSED FULL SPECTRUM EXTENDED DETENTION BASINS W/ ALL ASSOCIATED APPURTENANCES.
	11	CONSTRUCT CURB AND GUTTER, PREPARE SUBGRADE FOR PAVEMENT.
	12	CONSTRUCT GAS/ELECTRIC/CABLE/PHONE.
	13	ONCE ALL UNDERGROUND IMPROVEMENTS ARE COMPLETE, PAVE SITE.
	14	FINISH FINE GRADING AND INSTALL PERMANENT LANDSCAPING AND SEEDING.
	15	REMOVE BMP'S AFTER FINAL STABILIZATION IS ACHIEVED.



EROSION CONTROL LEGEND

- - - - - 5460	EXISTING MAJOR CONTOUR
- - - - - 52	EXISTING MINOR CONTOUR
- - - - - G3.5	PROPOSED MAJOR CONTOUR
- - - - - G3.6	PROPOSED MINOR CONTOUR
- - - - -	EXISTING STORM SEWER
- - - - -	PROPOSED STORM SEWER
- - - - - SS	EXISTING SANITARY SEWER
- - - - -	PROPOSED SANITARY SEWER
- - - - - W	PROPOSED WATER LINE
- - - - - G	EXISTING GAS LINE
- - - - -	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)
IPD	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 3-1/4" ALUMINUM SURVEYORS CAP STAMPED "PSINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK
 NOS 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 = 6966.33

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.



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GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

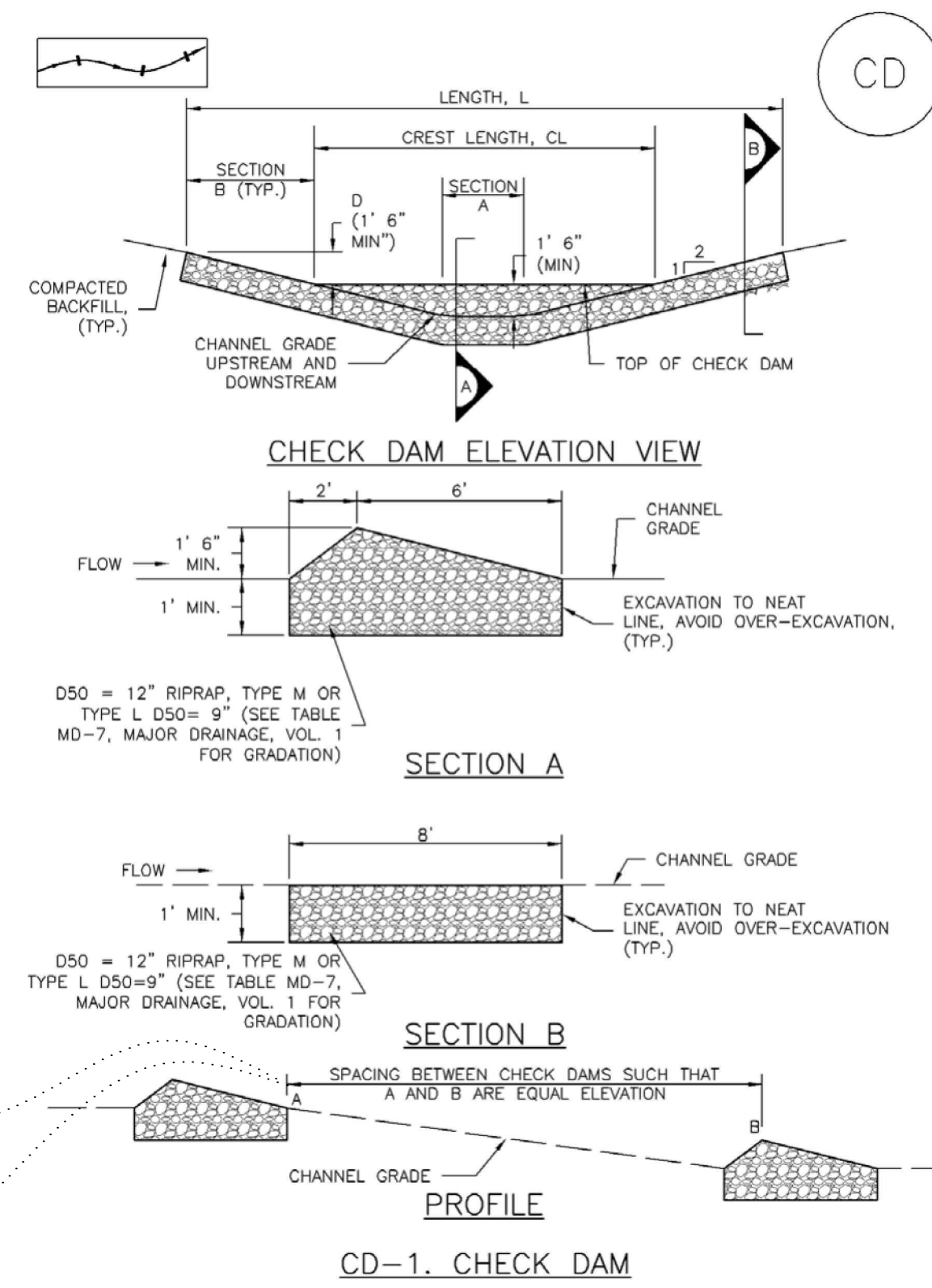
#	Date	Issue / Description	Init.

Project No: HRC02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

FINAL EROSION CONTROL PLAN

Check Dams (CD)

EC-12



REQUIRED SPACING FOR CHECK DAMS	
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

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EC-12

Check Dams (CD)

CHECK DAM INSTALLATION NOTES

- 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).
- CHECK DAMS INDICATED ON INITIAL SWMP SHALL BE INSTALLED AFTER CONSTRUCTION FENCE, BUT PRIOR TO ANY UPSTREAM LAND DISTURBING ACTIVITIES.
- 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").
- RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'.
- THE ENDS OF THE CHECK DAM SHALL BE A MINIMUM OF 1' 6" HIGHER THAN THE CENTER OF THE CHECK DAM.

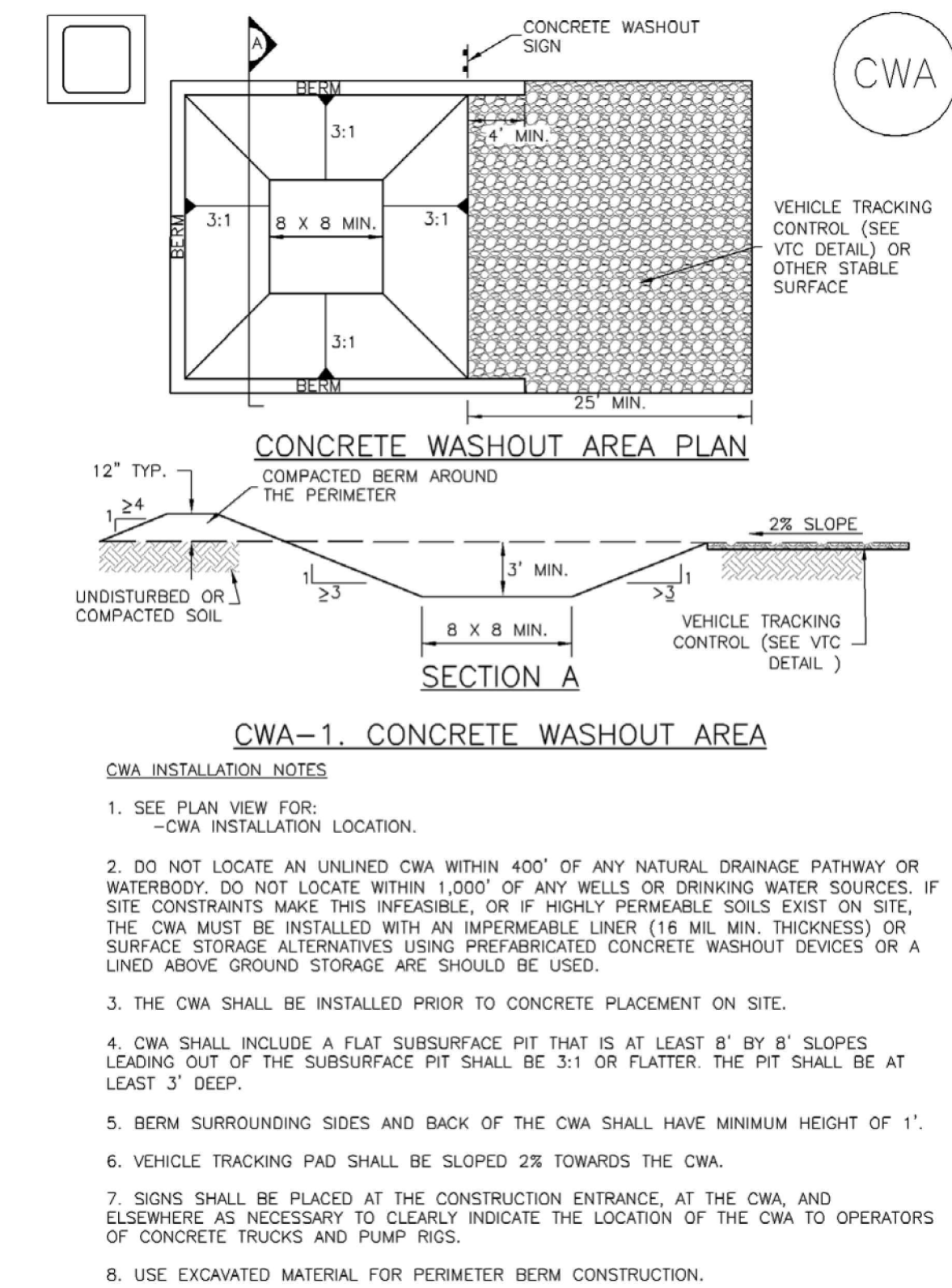
CHECK DAM MAINTENANCE NOTES

- 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 THE CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS WITHIN 1/2 OF THE HEIGHT OF THE CREST.
 - CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
 - 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

Concrete Washout Area (CWA)

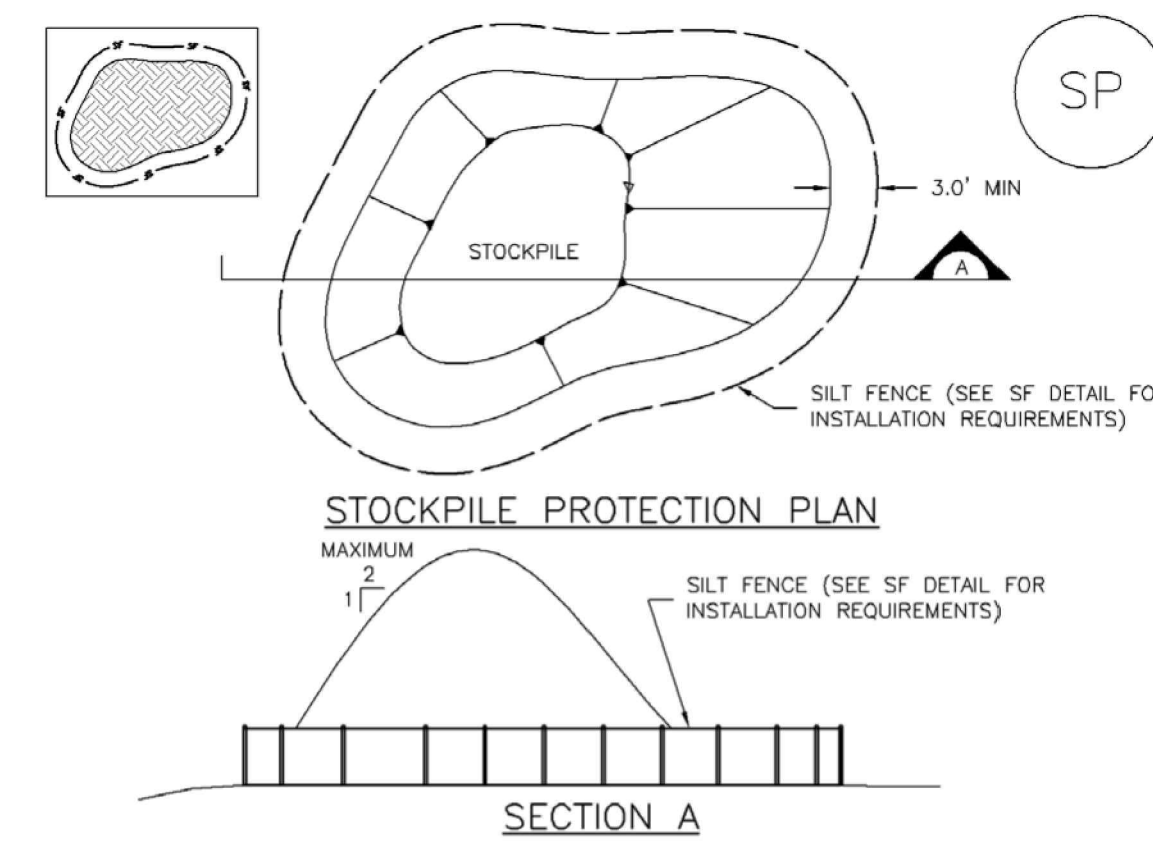
MM-1



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Stockpile Management (SP)

MM-2



STOCKPILE PROTECTION INSTALLATION NOTES

- SEE PLAN VIEW FOR:
-LOCATION OF STOCKPILES.
-TYPE OF STOCKPILE PROTECTION.
- 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.
- 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).
- 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

MM-2

Stockpile Management (SM)

STOCKPILE PROTECTION 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.

STOCKPILE PROTECTION MAINTENANCE NOTES

- IF PERIMETER PROTECTION MUST BE MOVED TO ACCESS SOIL STOCKPILE, REPLACE PERIMETER CONTROLS BY THE END OF THE WORKDAY.
 - 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

MM-1

Concrete Washout Area (CWA)

CWA 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.
 - 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'.
 - 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.
 - THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
 - 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.

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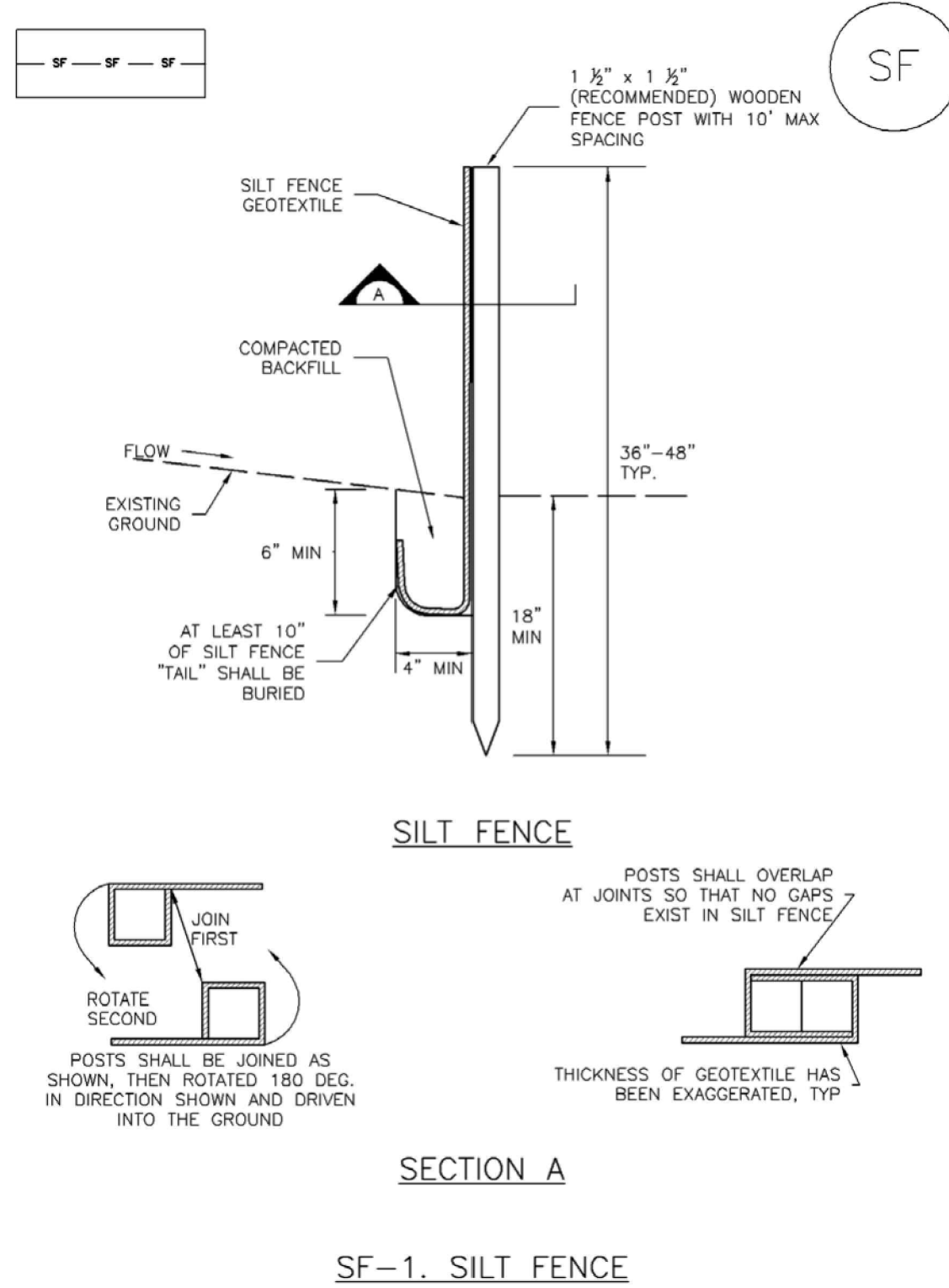
#	Date	Issue / Description	Init.

Project No: HRG02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

EROSION CONTROL DETAILS

Silt Fence (SF)

SC-1



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\"/>

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\"/>

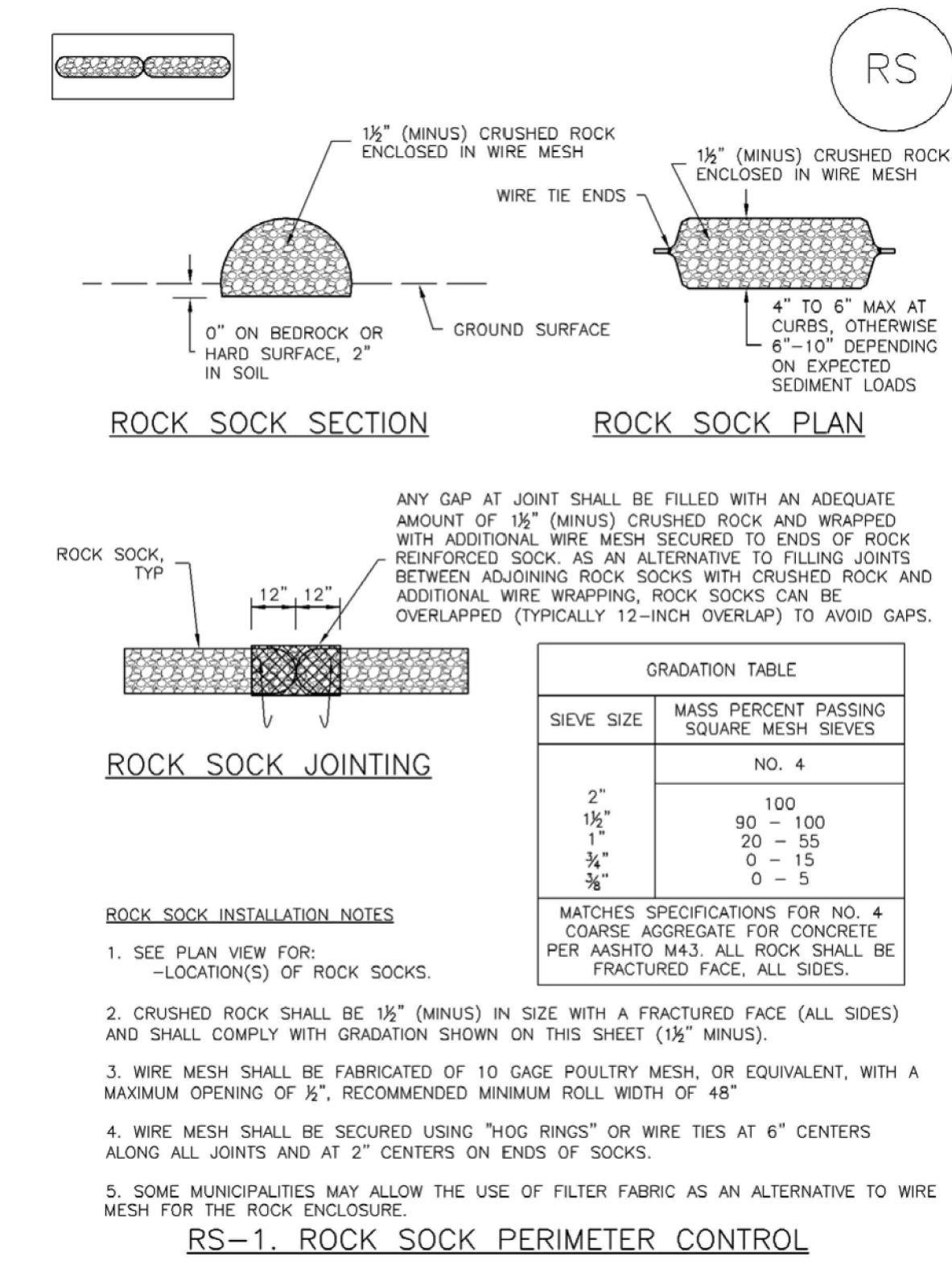
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SC-1

Silt Fence (SF)

SC-5

Rock Sock (RS)



ROCK SOCK SECTION

ROCK SOCK PLAN

ROCK SOCK JOINTING

ROCK SOCK INSTALLATION NOTES

1. SEE PLAN VIEW FOR: -LOCATION(S) OF ROCK SOCKS.
2. CRUSHED ROCK SHALL BE 1/2\"/>

ROCK SOCK 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. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, OR DAMAGED BEYOND REPAIR.
5. SEDIMENT ACCUMULATED UPSTREAM OF ROCK SOCKS 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 ROCK SOCK.
6. ROCK SOCKS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
7. WHEN ROCK SOCKS ARE REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

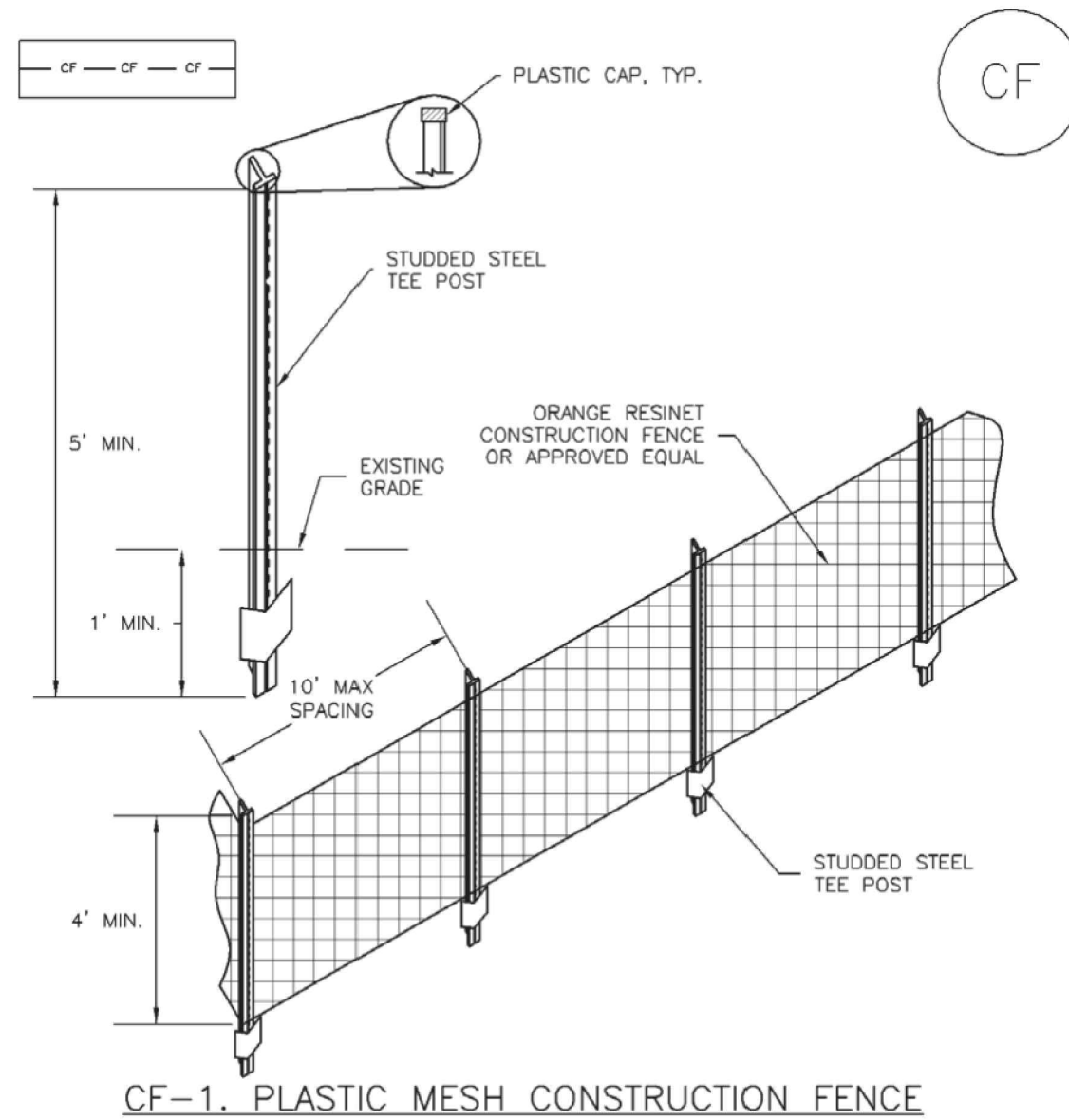
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D.R. HORTON America's Builder

SM-3

Construction Fence (CF)



Construction Fence (CF)

SM-3

Rock Sock (RS)

SC-5

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

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

GRADING & EROSION CONTROL PLANS GRANDVIEW RESERVE FILING NO. 1 MELODY HOMES, INC. SF2311

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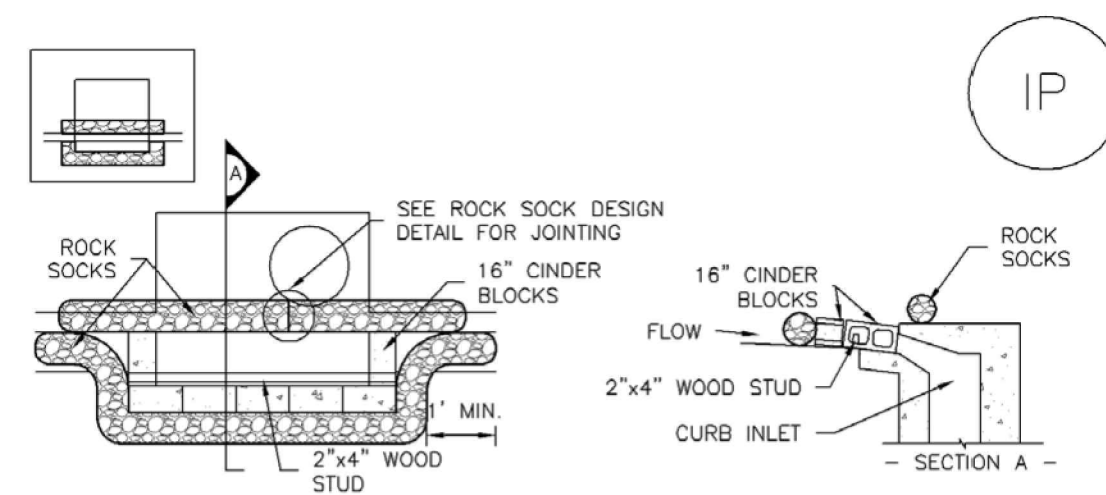
#	Date	Issue / Description	Init.

Project No: HRG02 Drawn By: JDM, BLB Checked By: BAS, CMWJ Date: 03/15/2024

EROSION CONTROL DETAILS

SC-6

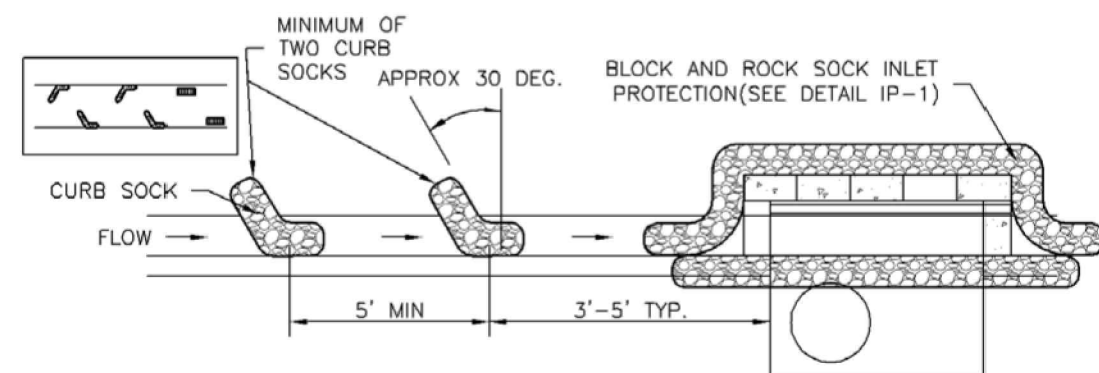
Inlet Protection (IP)



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.



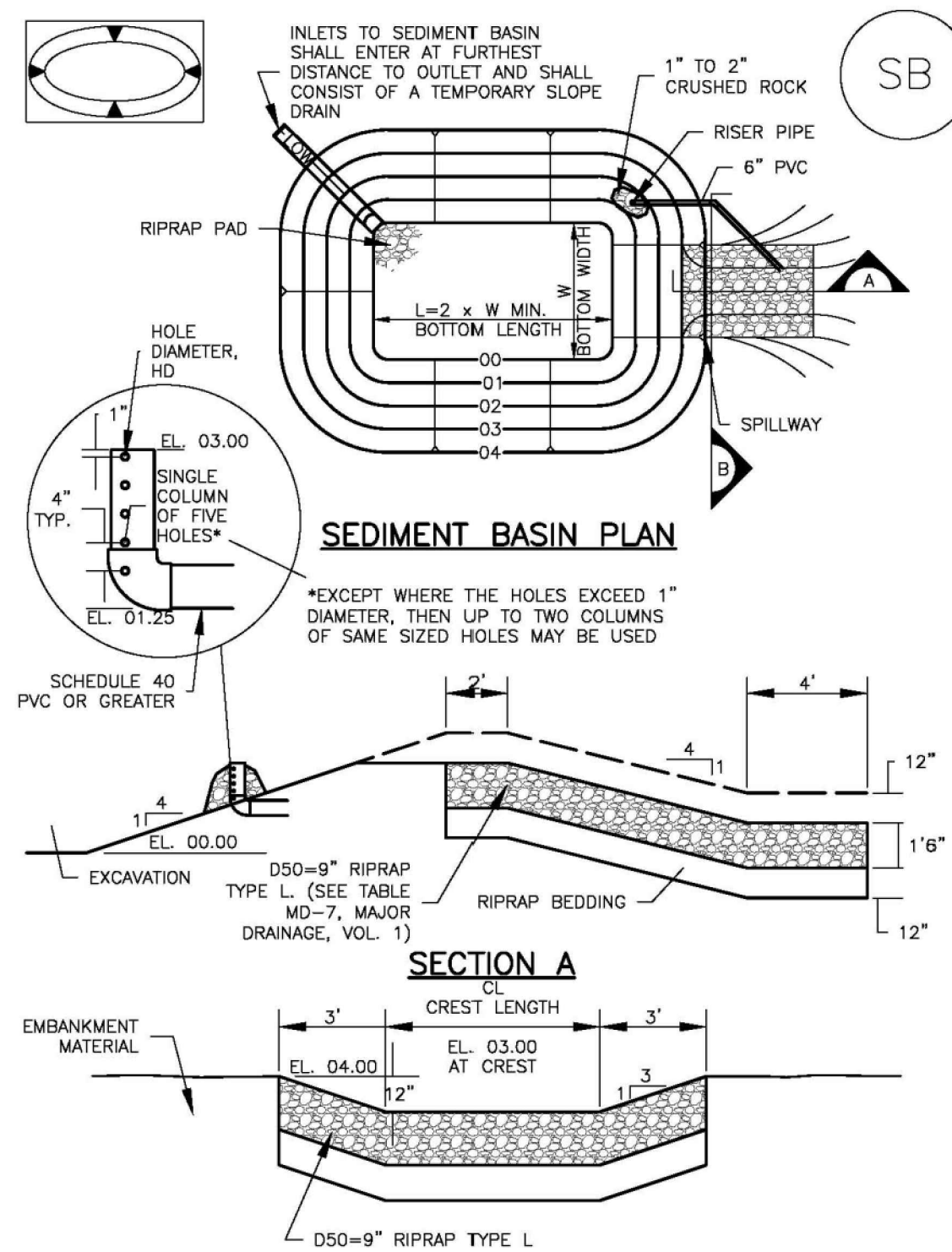
IP-2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION

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.

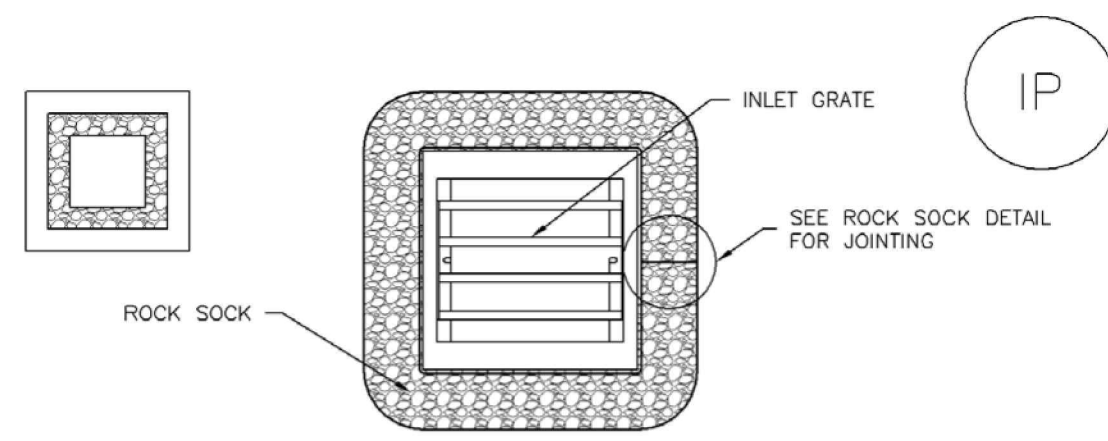
Sediment Basin (SB)

SC-7



Inlet Protection (IP)

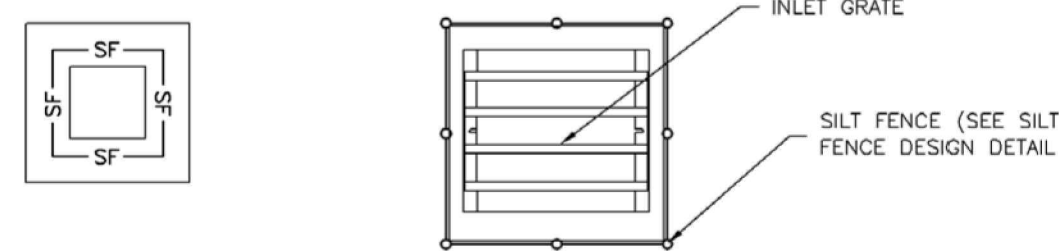
SC-6



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.

SC-7

Sediment Basin (SB)

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	3/8
4	33 1/2	6	9/16
5	38 1/2	8	23/32
6	43	9	33/32
7	47 1/4	11	25/32
8	51	12	27/32
9	55	13	33/32
10	58 1/4	15	15/16
11	61	16	33/32
12	64	18	1
13	67 1/2	19	1 1/16
14	70 1/2	21	1 1/8
15	73 1/4	22	1 3/16

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.

SC-6

Inlet Protection (IP)

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 (SB)

SC-7

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.

#	Date	Issue / Description	Init.

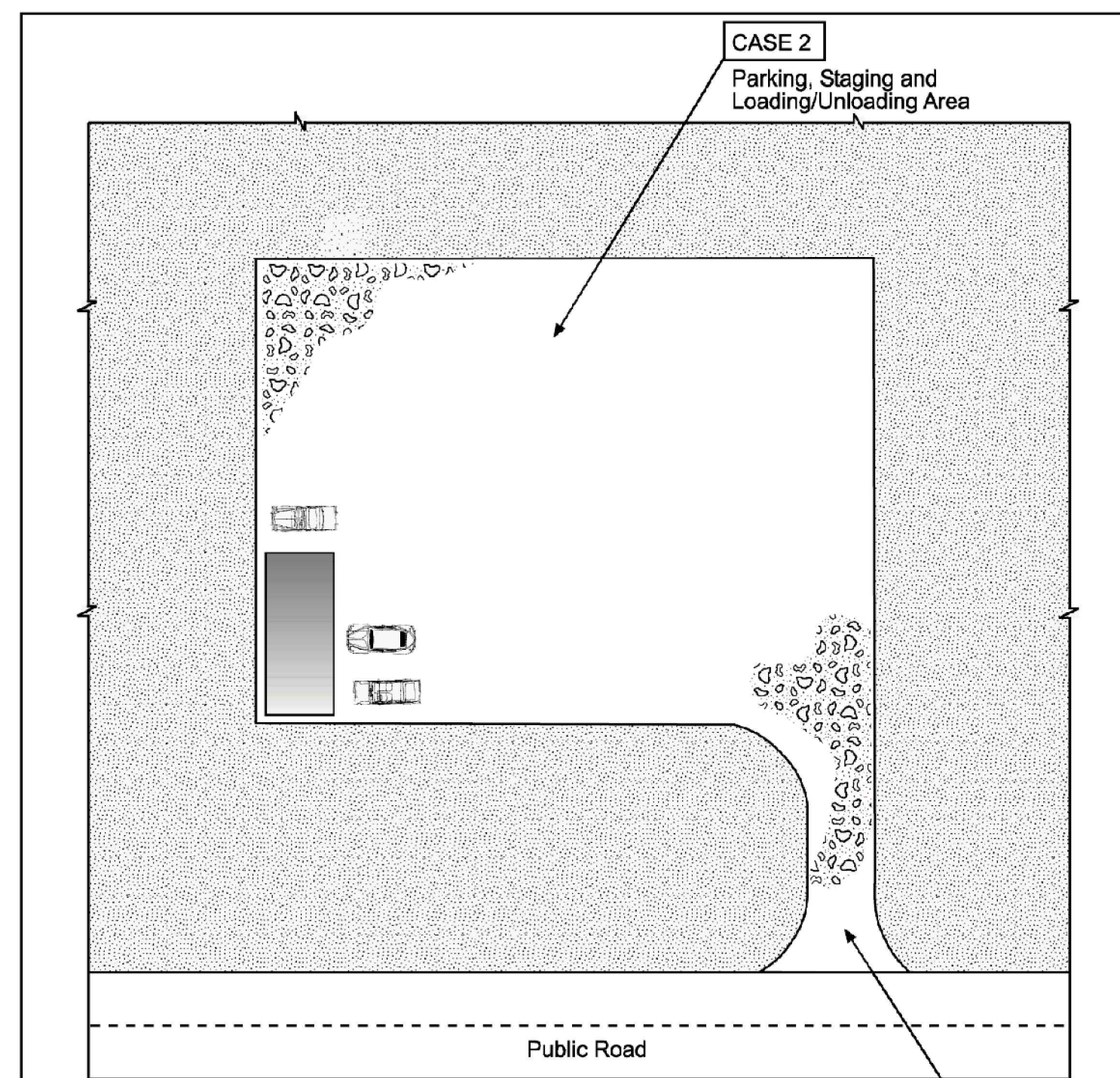


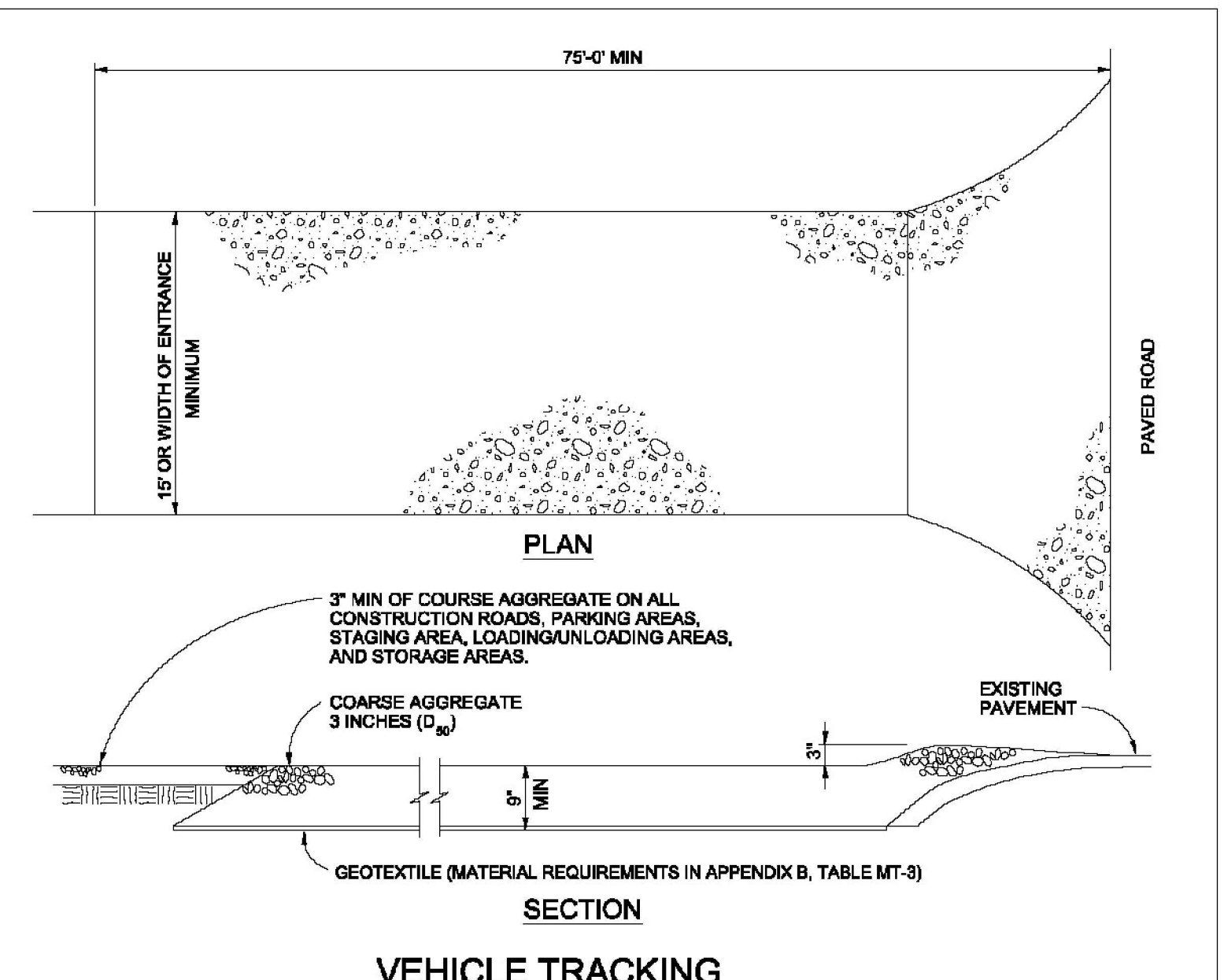
Table VT-1

	Case 1	Case 2
Gravel Thickness	9"	3"
Filter Fabric	YES	NO

City of Colorado Springs Storm Water Quality

Figure VT-1 Vehicle Tracking Application Examples

DEN\M153722.CS.CB\FigVT-1/9-99



VEHICLE TRACKING NOTES

VEHICLE TRACKING NOTES

INSTALLATION REQUIREMENTS

1. ALL ENTRANCES TO THE CONSTRUCTION SITE ARE TO BE STABILIZED PRIOR TO CONSTRUCTION BEGINNING.
2. CONSTRUCTION ENTRANCES ARE TO BE BUILT WITH AN APRON TO ALLOW FOR TURNING TRAFFIC, BUT SHOULD NOT BE BUILT OVER EXISTING PAVEMENT EXCEPT FOR A SLIGHT OVERLAP.
3. AREAS TO BE STABILIZED ARE TO BE PROPERLY GRADED AND COMPACTED PRIOR TO LAYING DOWN GEOTEXTILE AND STONE.
4. CONSTRUCTION ROADS, PARKING AREAS, LOADING/UNLOADING ZONES, STORAGE AREAS, AND STAGING AREAS ARE TO BE STABILIZED.
5. CONSTRUCTION ROADS ARE TO BE BUILT TO CONFORM TO SITE GRADES, BUT SHOULD NOT HAVE SIDE SLOPES OR ROAD GRADES THAT ARE EXCESSIVELY STEEP.

MAINTENANCE REQUIREMENTS

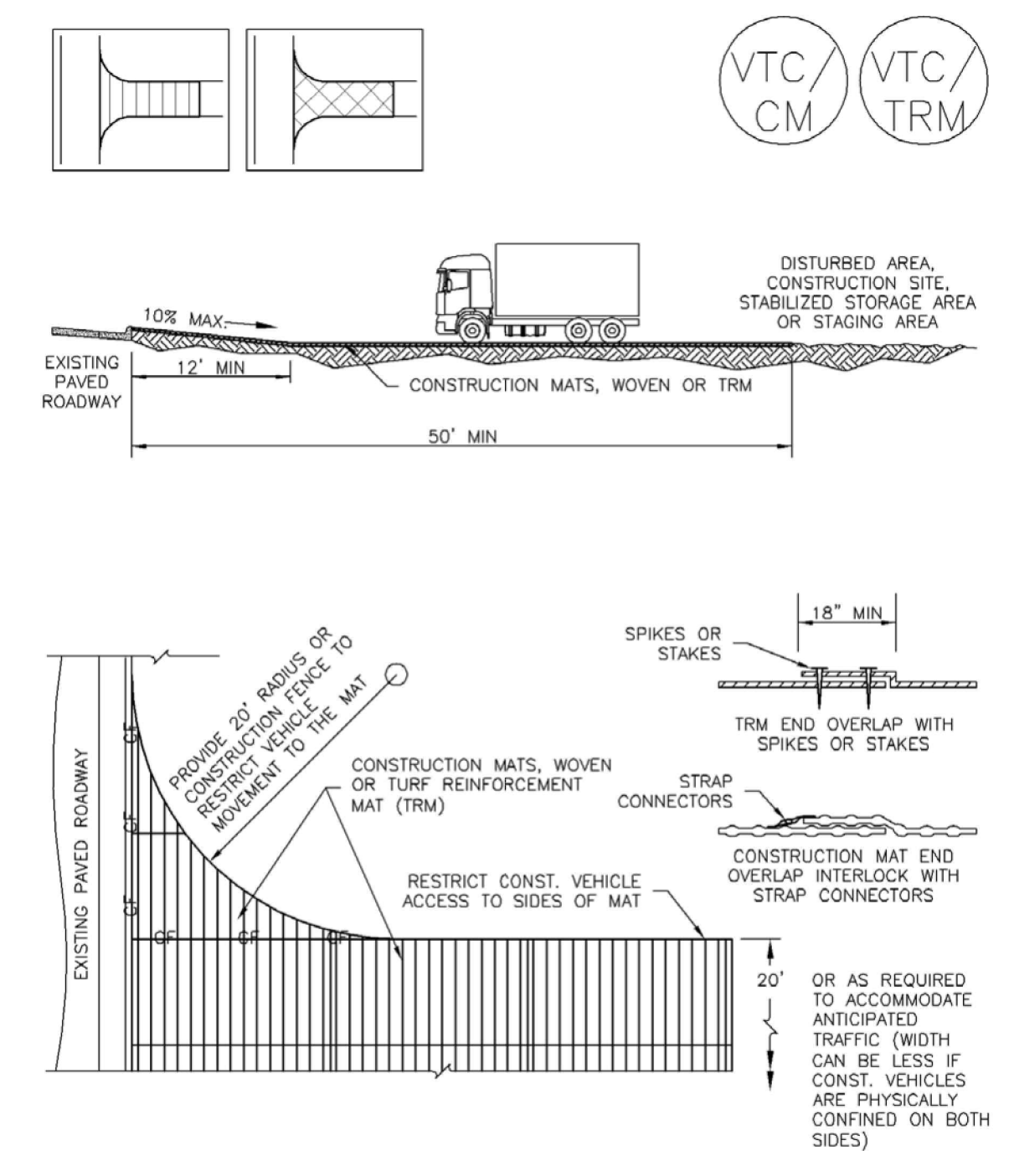
1. REGULAR INSPECTIONS ARE TO BE MADE OF ALL STABILIZED AREAS, ESPECIALLY AFTER STORM EVENTS.
2. STONES ARE TO BE REAPPLIED PERIODICALLY AND WHEN REPAIR IS NECESSARY.
3. SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED DAILY BY SHOVELING OR SWEEPING. SEDIMENT IS NOT TO BE WASHED DOWN STORM SEWER DRAINS.
4. STORM SEWER INLET PROTECTION IS TO BE IN PLACE, INSPECTED, AND CLEANED IF NECESSARY.
5. OTHER ASSOCIATED SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED TO ENSURE GOOD WORKING CONDITION.

City of Colorado Springs Stormwater Quality

Figure VT-2 Vehicle Tracking Application Examples

Vehicle Tracking Control (VTC)

SM-4



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

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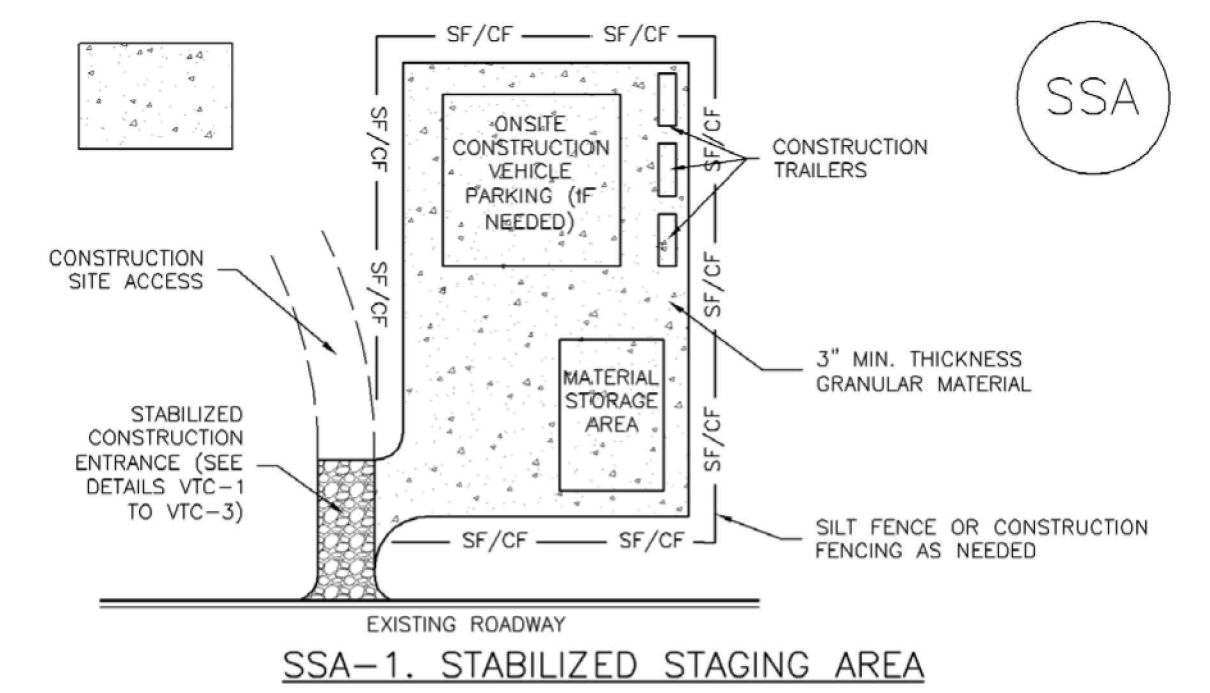
VTC-5

SM-4 Vehicle Tracking Control (VTC)

- STABILIZED CONSTRUCTION ENTRANCE/EXIT INSTALLATION NOTES**
1. 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).
 2. 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.
 3. A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAYS.
 4. STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
 5. A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
 6. 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**
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. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN A CONSISTENT DEPTH.
 5. 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)

VTC-6 Urban Drainage and Flood Control District
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SM-6 Stabilized Staging Area (SSA)



SSA-1. STABILIZED STAGING AREA

- STABILIZED STAGING AREA INSTALLATION NOTES**
1. SEE PLAN VIEW FOR
-LOCATION OF STAGING AREA(S)
-CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.
 2. STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.
 3. STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.
 4. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR MATERIAL.
 5. UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
 6. ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING.
- STABILIZED STAGING AREA 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. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.

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SM-6 Stabilized Staging Area (SSA)

- STABILIZED STAGING AREA MAINTENANCE NOTES**
5. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING/LOADING OPERATIONS.
 6. 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
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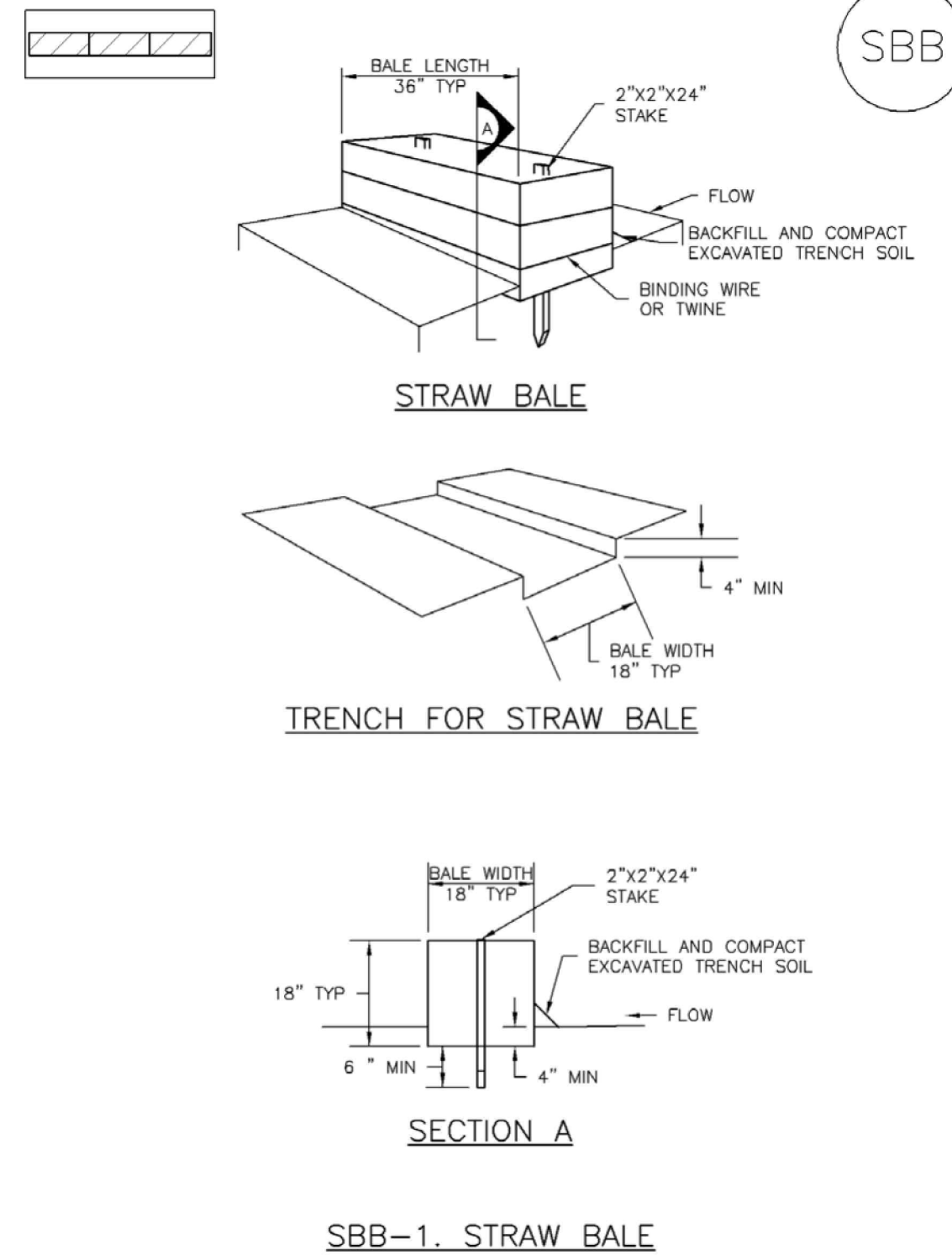
#	Date	Issue / Description	Init.

Project No: HRG02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

EROSION CONTROL DETAILS

SC-3

Straw Bale Barrier (SBB)



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

Straw Bale Barrier (SBB)

SC-3

STRAW BALE INSTALLATION NOTES

1. SEE PLAN VIEW FOR: -LOCATION(S) OF STRAW BALES.
2. STRAW BALES SHALL CONSIST OF CERTIFIED WEED FREE STRAW OR HAY. LOCAL JURISDICTIONS MAY REQUIRE PROOF THAT BALES ARE WEED FREE.
3. STRAW BALES SHALL CONSIST OF APPROXIMATELY 5 CUBIC FEET OF STRAW OR HAY AND WEIGH NOT LESS THAN 35 POUNDS.
4. WHEN STRAW BALES ARE USED IN SERIES AS A BARRIER, THE END OF EACH BALE SHALL BE TIGHTLY ABUTTING ONE ANOTHER.
5. STRAW BALE DIMENSIONS SHALL BE APPROXIMATELY 36"x18"x18".
6. 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.
7. 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

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. STRAW BALES SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, ROTTEN, OR DAMAGED BEYOND REPAIR.
5. 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.
6. STRAW BALES ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
7. WHEN STRAW BALES ARE REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

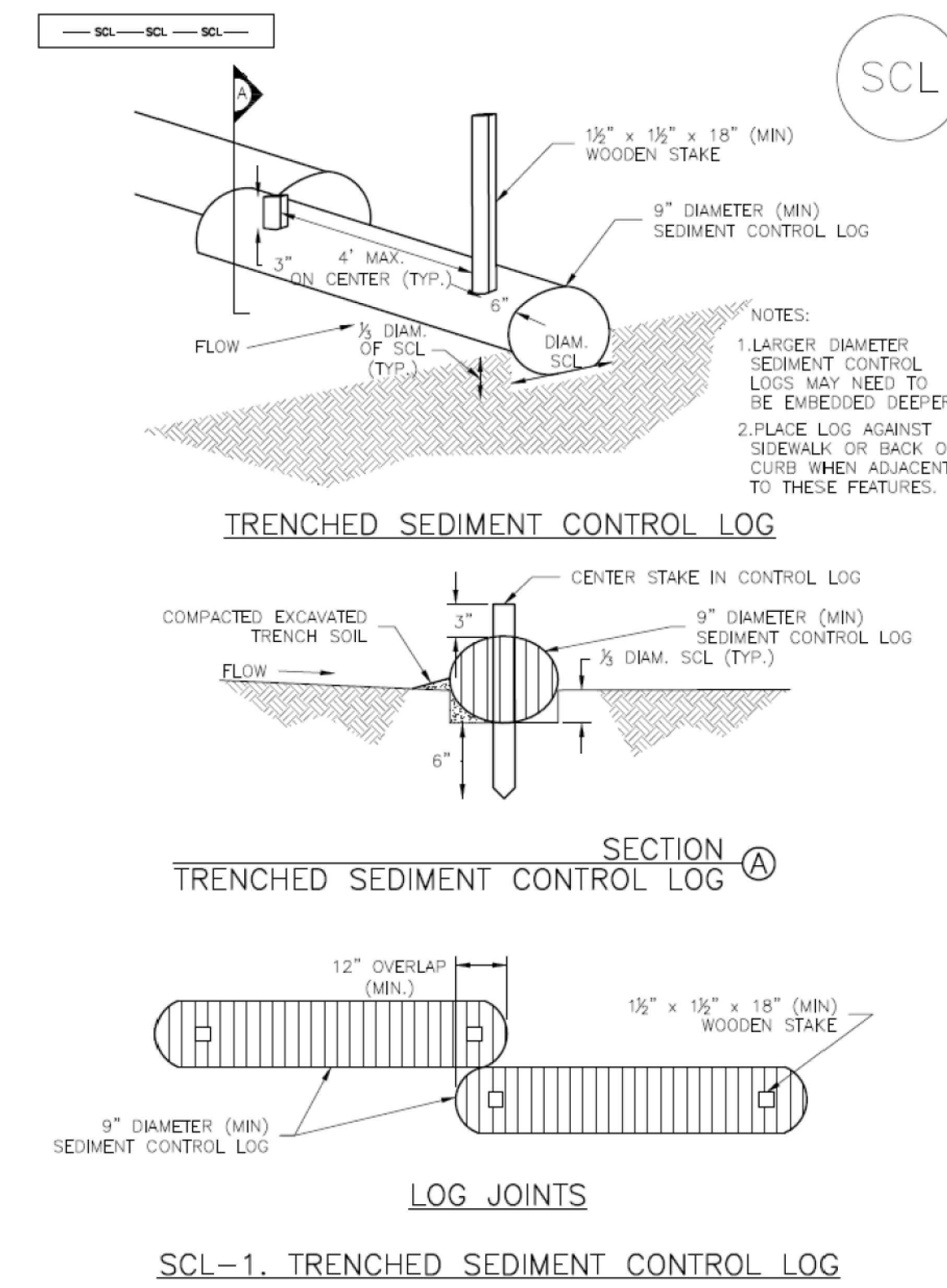
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Sediment Control Log (SCL)

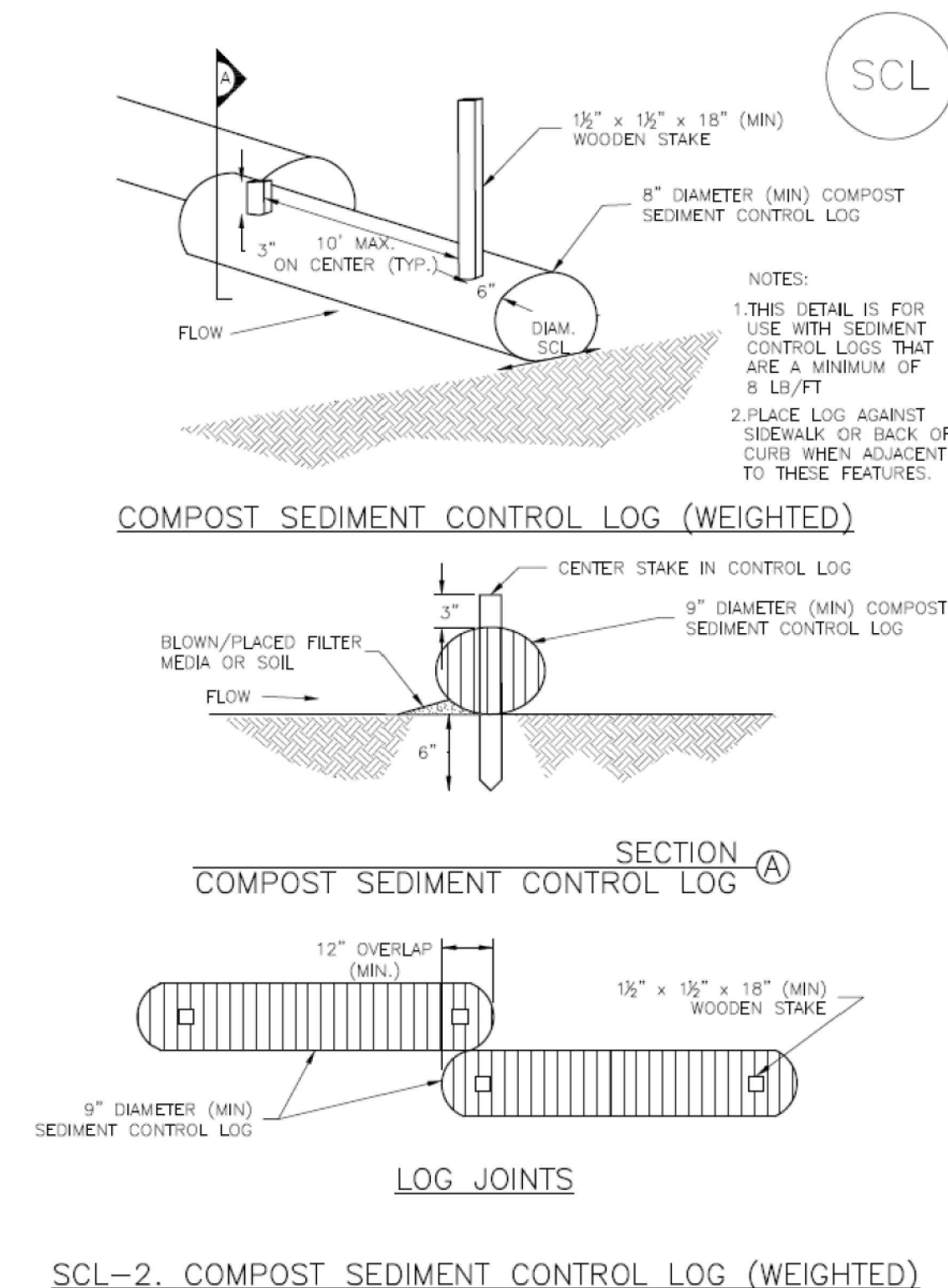
SC-2



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SC-2

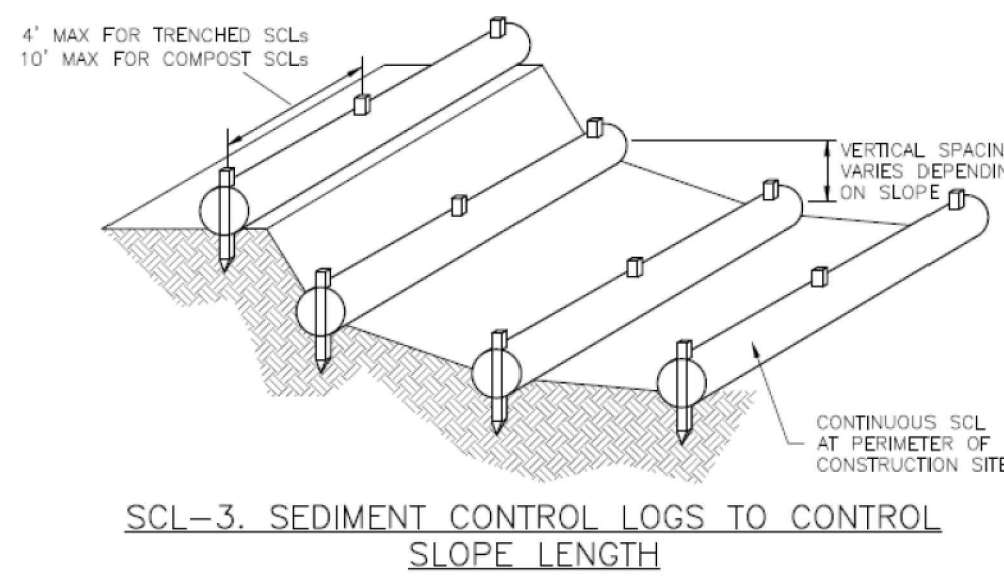
Sediment Control Log (SCL)



SCL-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2015

Sediment Control Log (SCL)

SC-2



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SC-2

Sediment Control Log (SCL)



SCL-6 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2015



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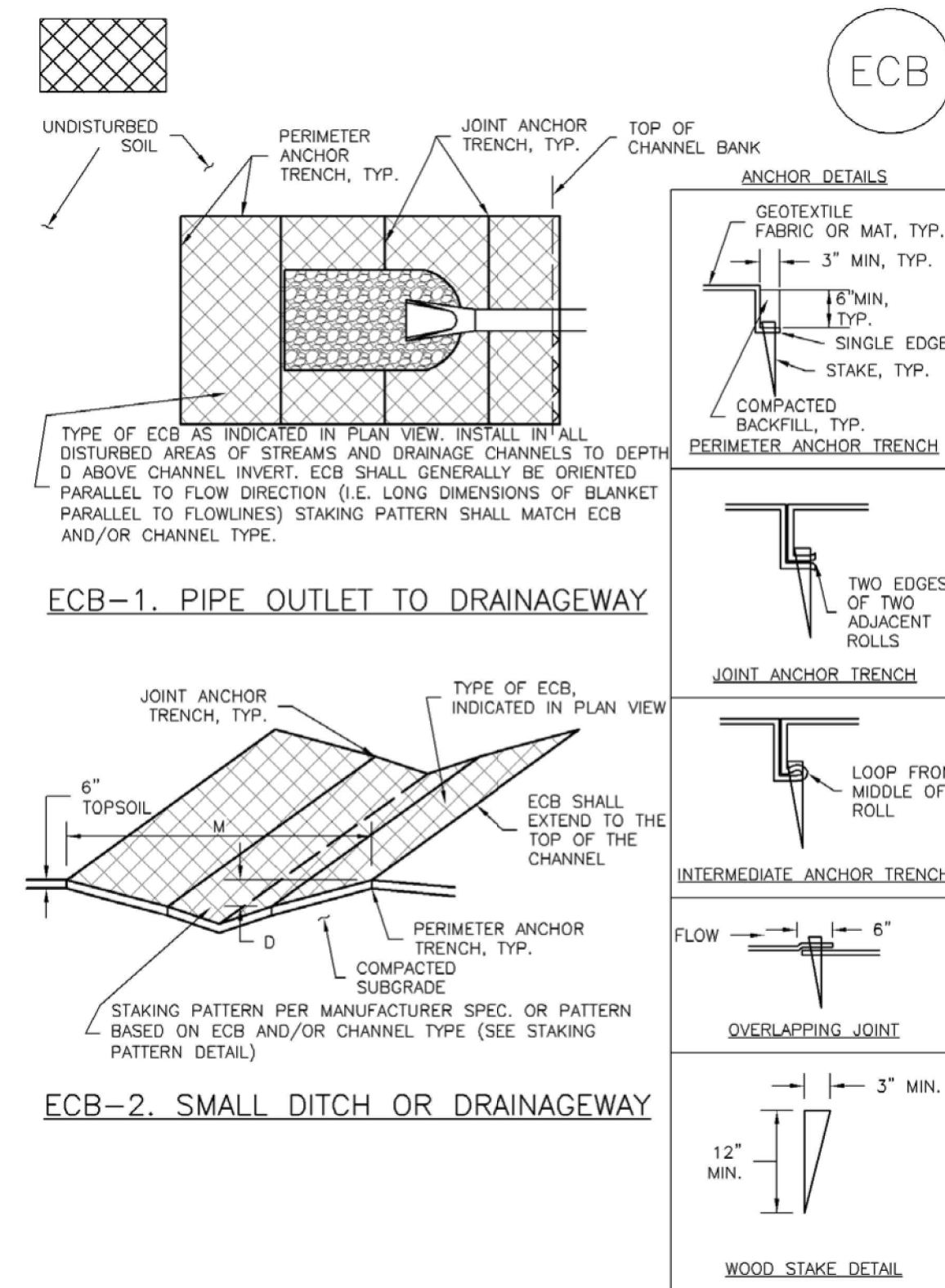
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#	Date	Issue / Description	Init.

Project No: HRG02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

EROSION CONTROL DETAILS

EC-6 Rolled Erosion Control Products (RECP)



RECP-6 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

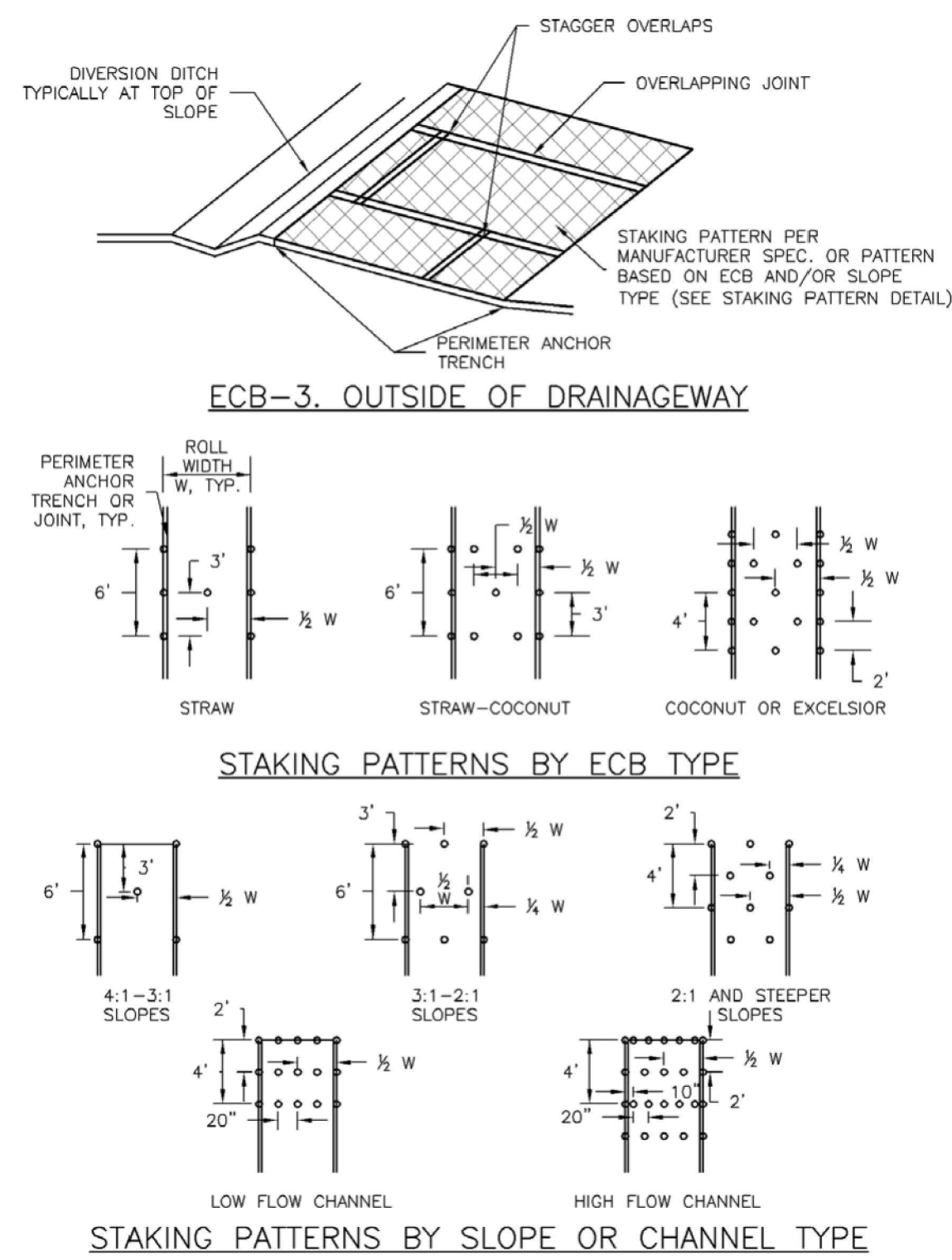
Rolled Erosion Control Products (RECP) EC-6

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 CREATE 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 UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
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Rolled Erosion Control Products (RECP) EC-6



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T-2 Grass Swale

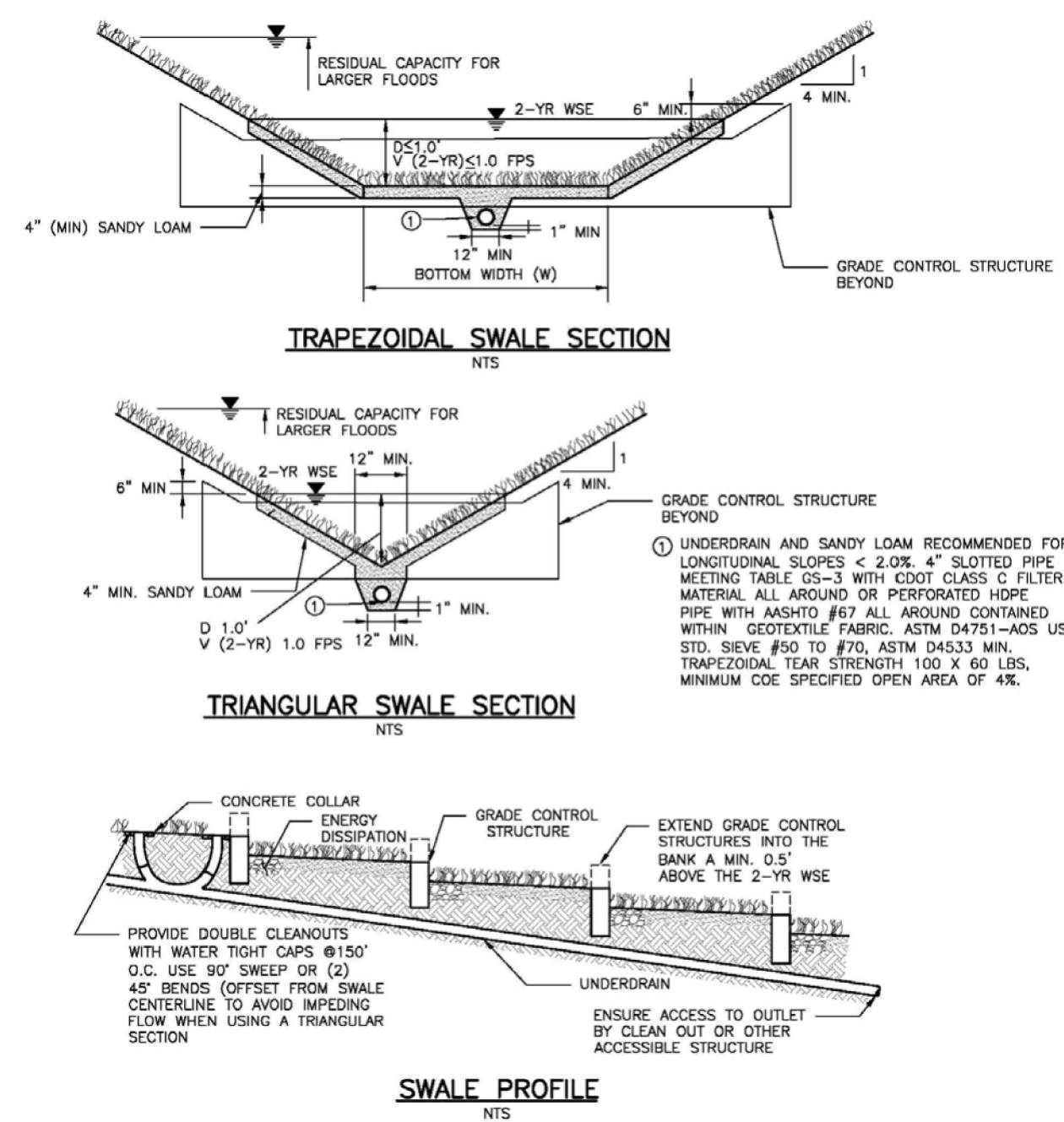


Figure GS-1. Grass Swale Profile and Sections

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 Urban Storm Drainage Criteria Manual Volume 3 November 2010

EC-6 Rolled Erosion Control Products (RECP)

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 STORM AND DRAINAGE CHANNEL.
**ALTERNATE NETTING MAY BE ACCEPTABLE IN SOME JURISDICTIONS

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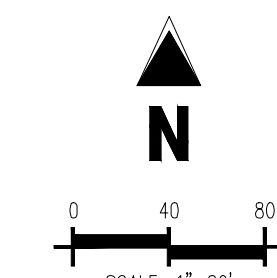
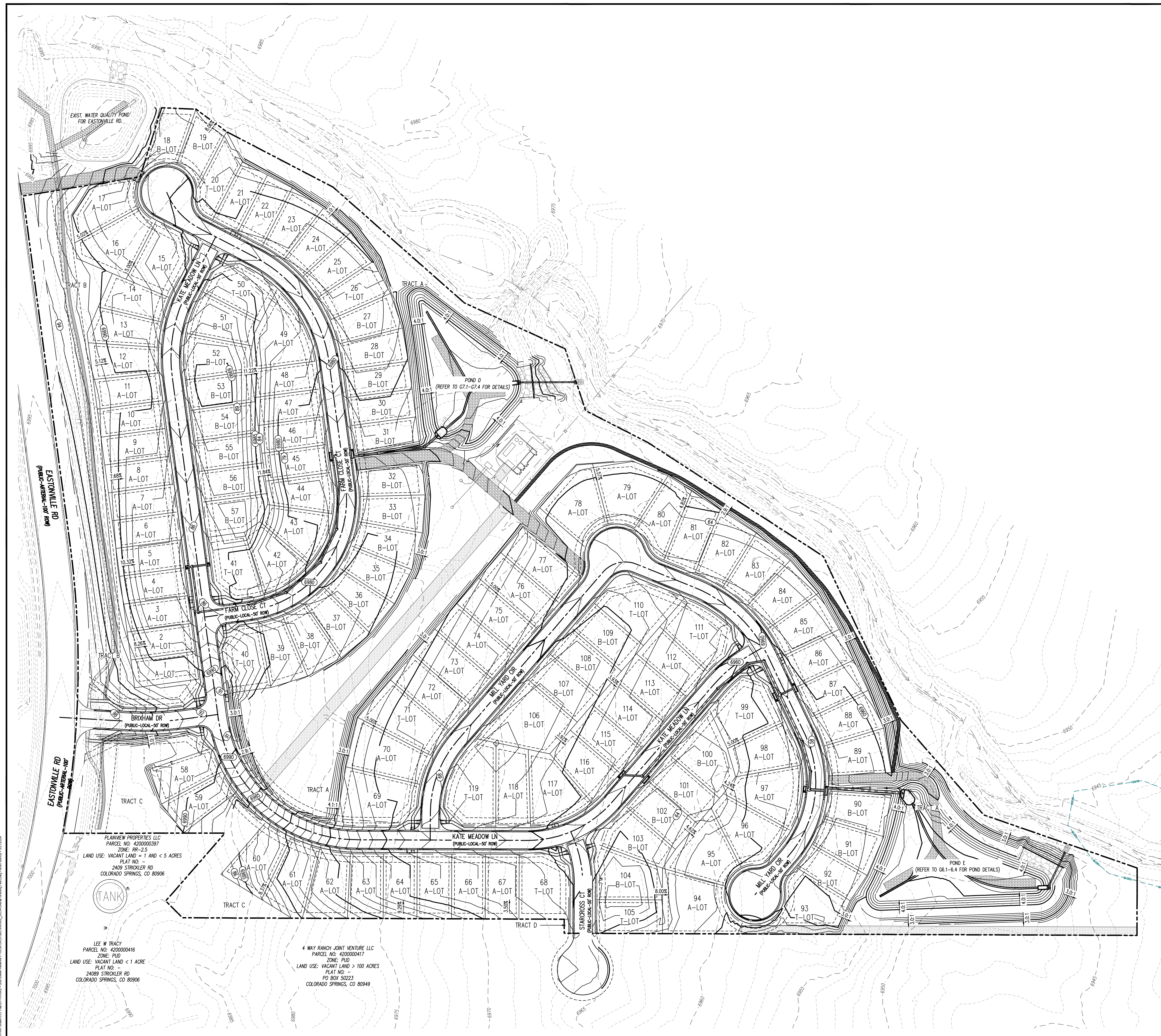
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EROSION CONTROL DETAILS



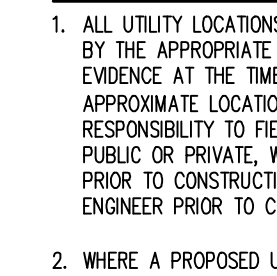
GRADING LEGEND	
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING SLOPE - PERCENT
	EXISTING SLOPE - RISE/RUN
	PROPOSED SLOPE - PERCENT
	PROPOSED SLOPE - RISE/RUN
	PROPOSED SPOT ELEVATION - HIGH POINT
	PROPOSED SPOT ELEVATION - LOW POINT
	PROPOSED SPOT ELEVATION - TOP OF BERM
	PROPOSED SPOT ELEVATION - FLOW LINE
	PROPOSED SPOT ELEVATION - TOP OF GRATE
	PROPOSED SPOT ELEVATION - FINISHED GRADE
	PROPOSED SPOT ELEVATION - SIDEWALK
	PROPOSED SPOT ELEVATION - EDGE OF CONCRETE
	PROPOSED SPOT ELEVATION - EDGE OF ASPHALT
	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 EGM TABLE D-7
	RRIPRAP OUTFALL PADS
	EXISTING SIGN
	PROPOSED SIGN
	PROPOSED CONCRETE
	EXISTING CONCRETE

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 SURVEYORS CAP STAMPED "PSINC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

BENCHMARK
 NGS 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 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.



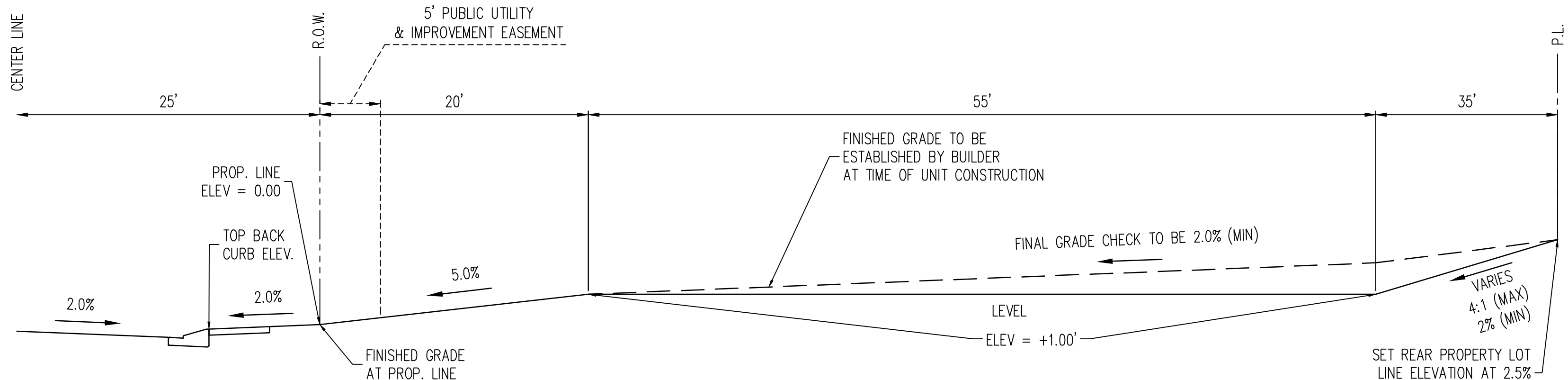
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CONSTRUCTION DOCUMENTS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

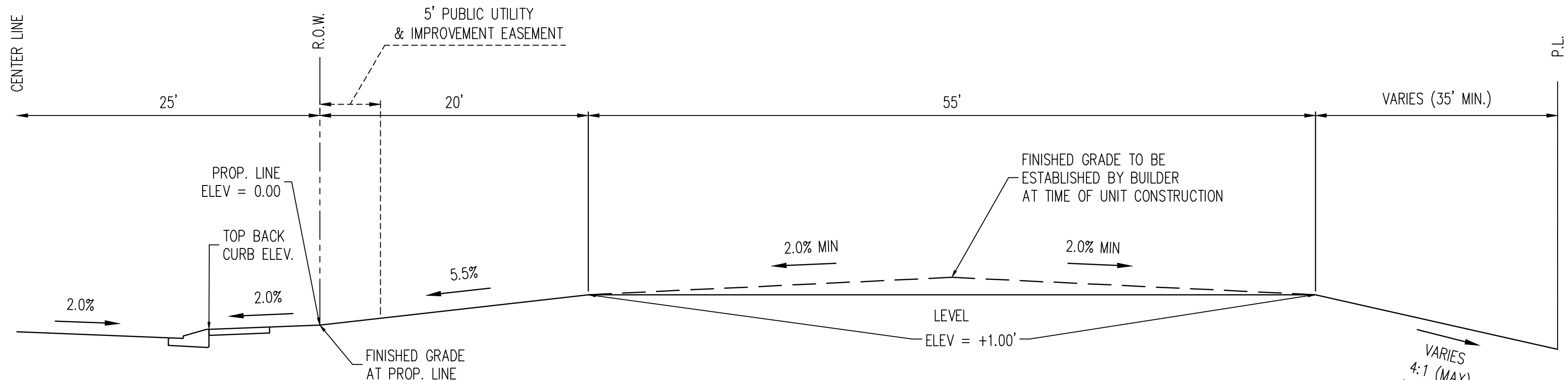
#	Date	Issue / Description	Init.

Project No:	HRG02
Drawn By:	JDM, BLB
Checked By:	BAS, CMWJ
Date:	03/15/2024

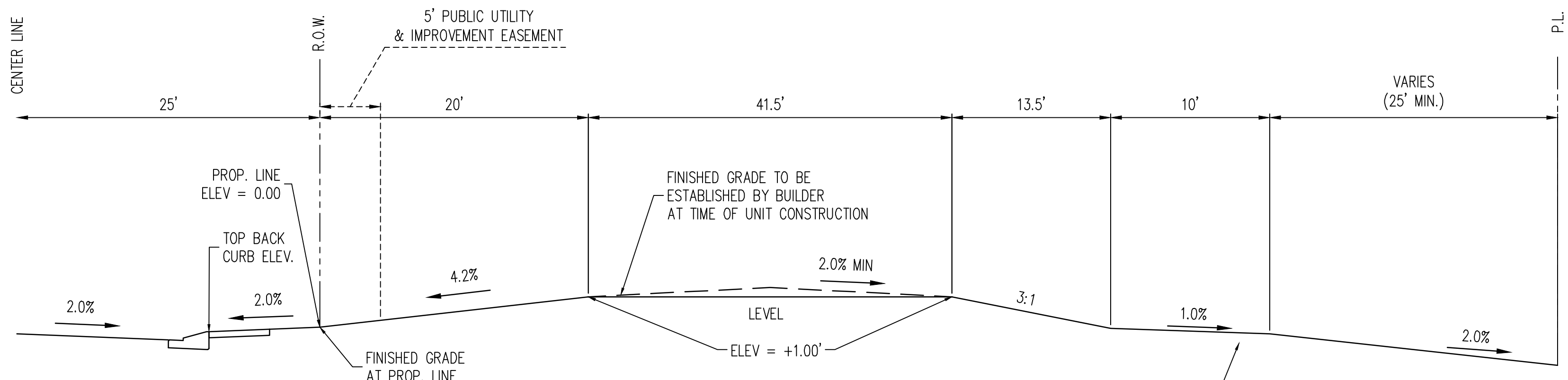
OVERALL GRADING PLAN



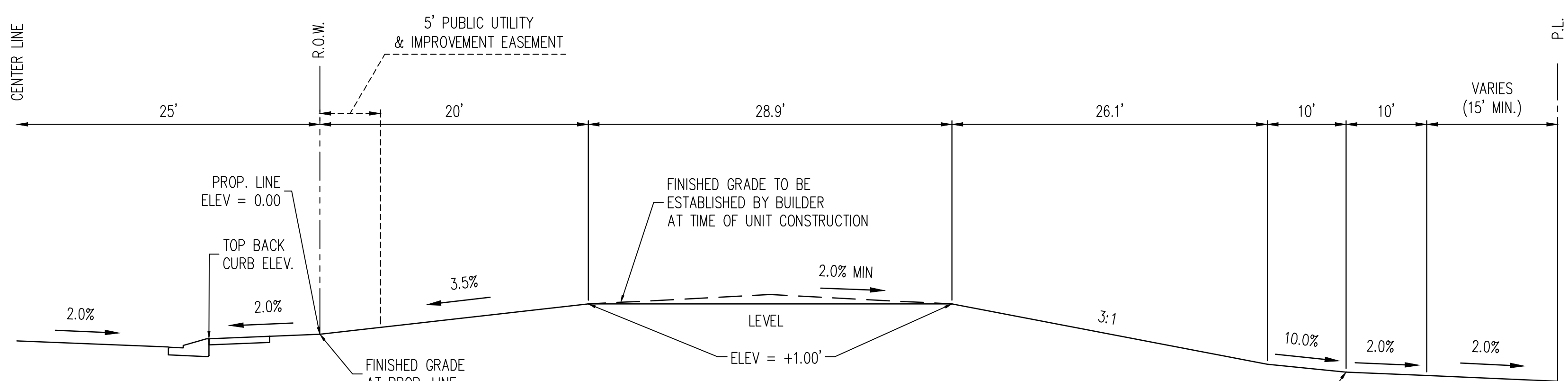
TYPICAL A LOT
N.T.S.



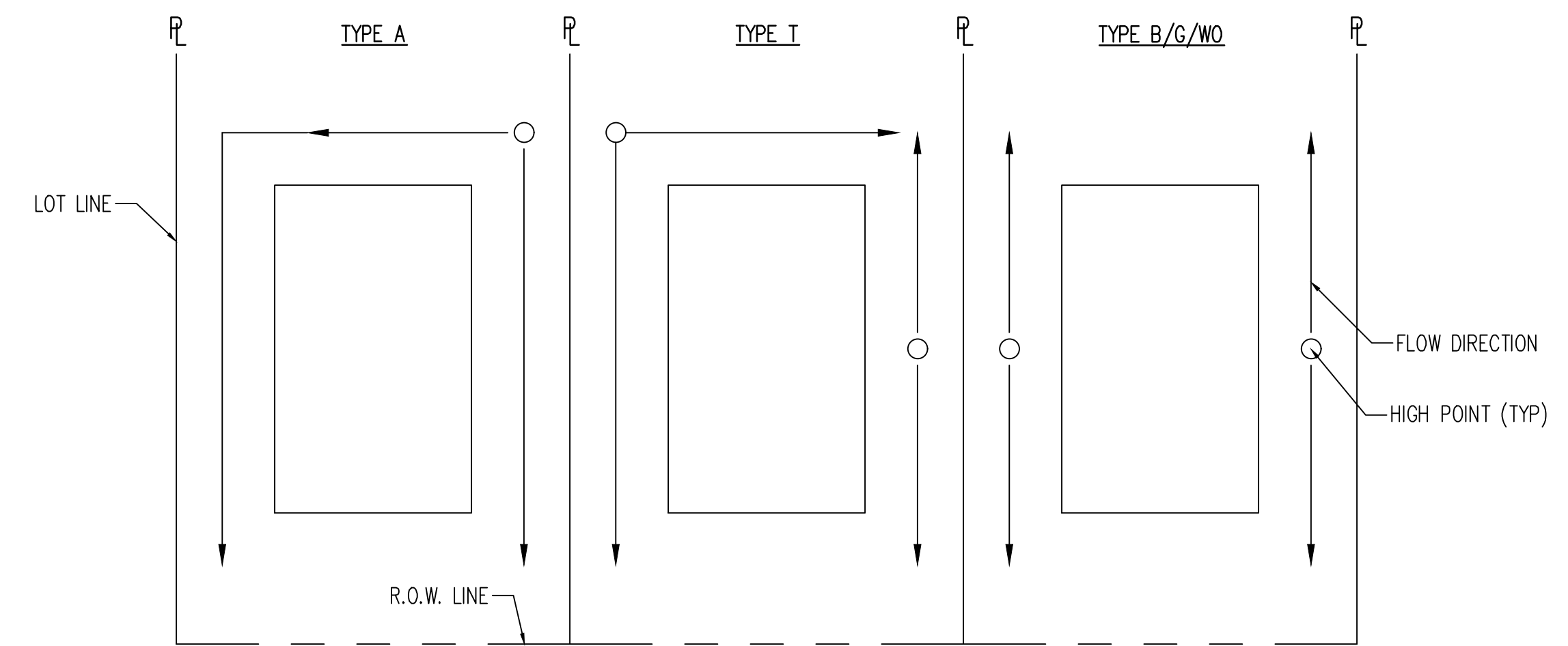
TYPICAL B LOT
N.T.S.



TYPICAL G LOT
N.T.S.

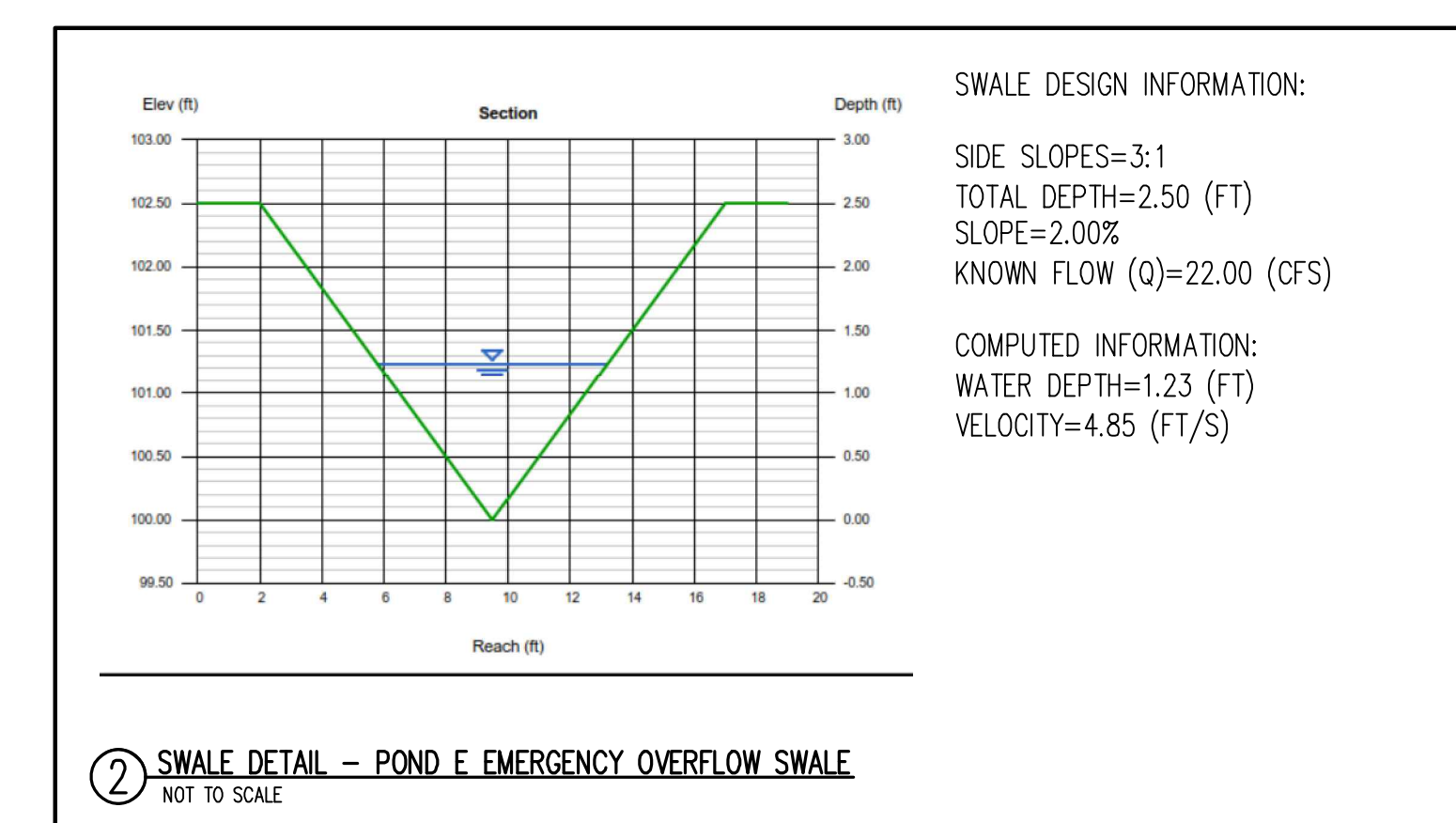
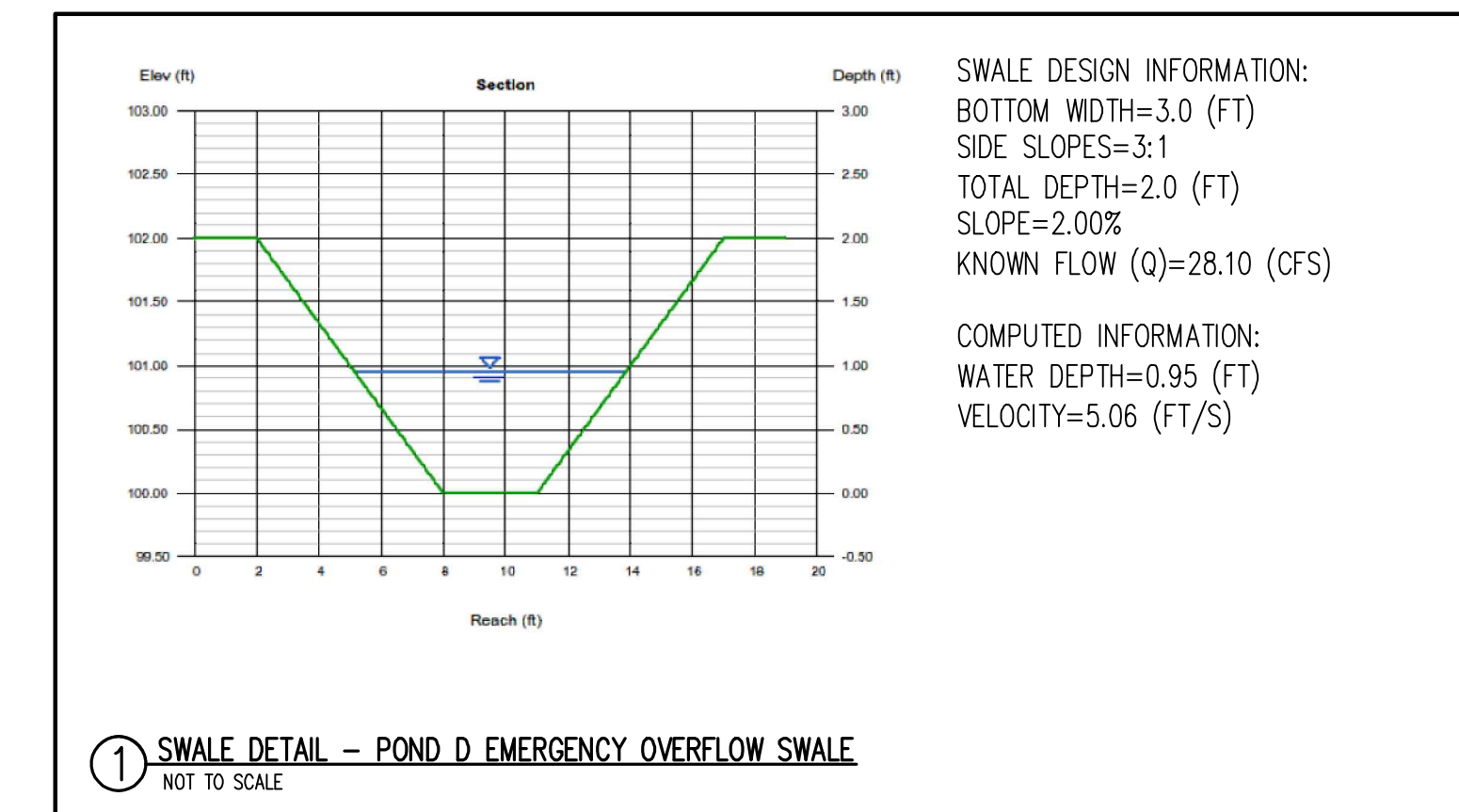


TYPICAL W/O LOT
N.T.S.



NOTES:

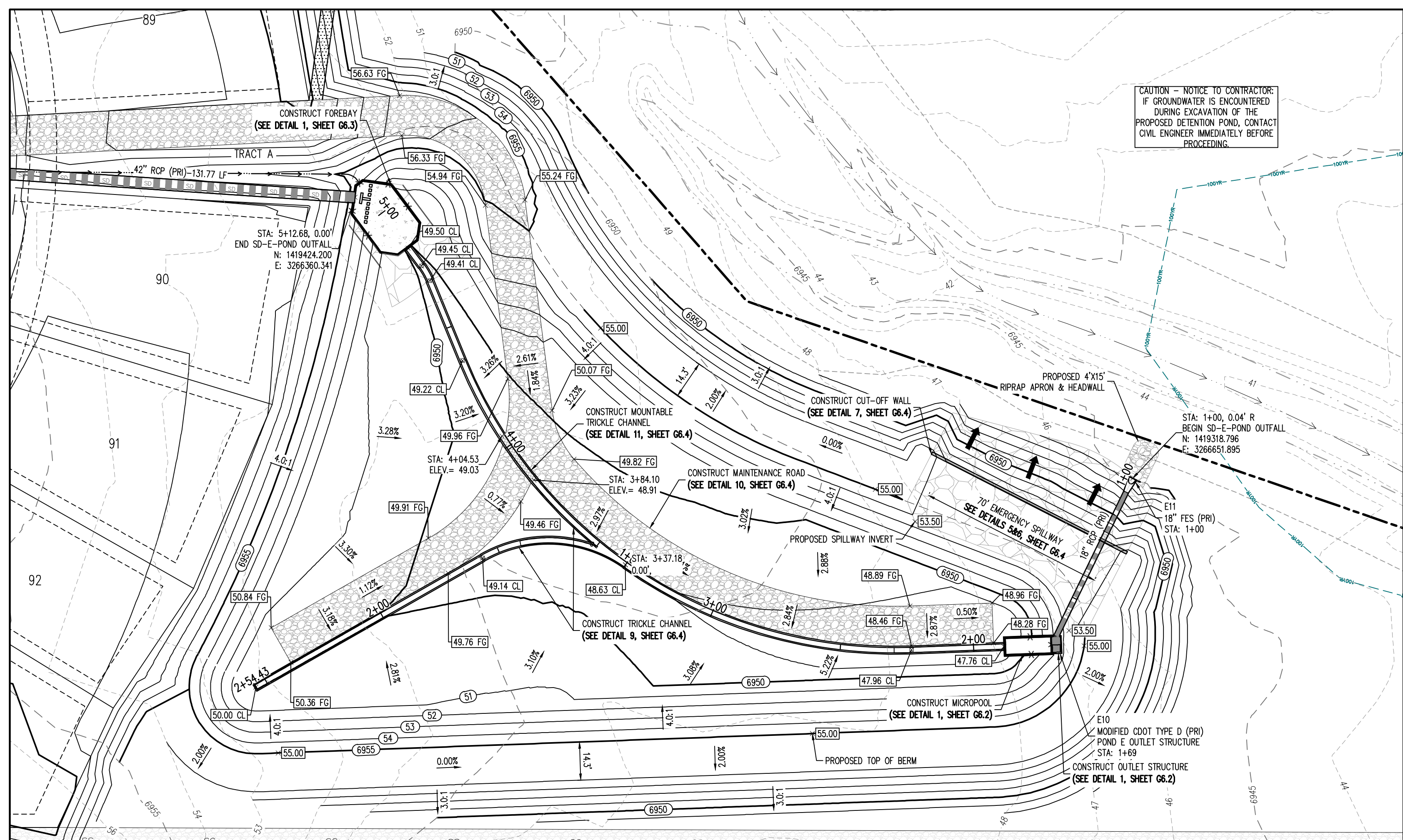
1. TRANSITION LOTS IDENTIFIED BY A "T" ARE INCLUDED TO INDICATE LOTS THAT WILL REQUIRE HOME BUILDERS TO PREPARE A SITE SPECIFIC GRADING PLAN TO DETAIL THE GRADING TRANSITION FROM TYPE A/B LOTS TO GARDEN/WALKOUT LOTS
2. THE DEVELOPER/HOME BUILDER SHALL INSTALL SIDE LOT SWALES TO MINIMIZE THE LOT TO LOT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



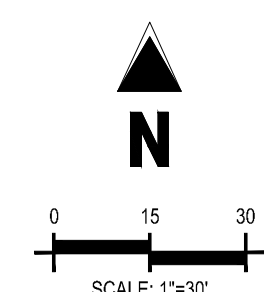
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Project No: HRG02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

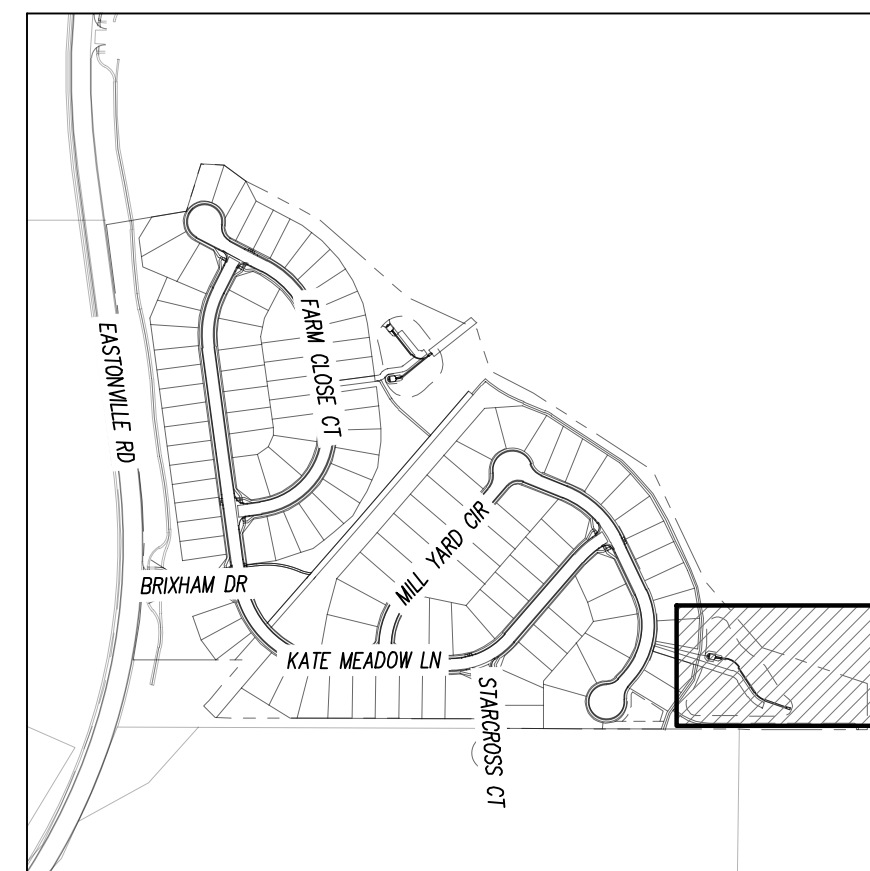
GENERAL GRADING
DETAILS



STORM DRAIN LINE PLAN: SD-E-POND OUTFALL (STA: 0+75 - 5+88.56)
SCALE: 1"=30'



CAUTION - NOTICE TO CONTRACTOR
IF GROUNDWATER IS ENCOUNTERED
DURING EXCAVATION OF THE
PROPOSED DETENTION POND, CONTACT
CIVIL ENGINEER IMMEDIATELY BEFORE
PROCEEDING.



KEYMAP
SCALE: 1"=500'

GRADING LEGEND

- 5460 --- EXISTING MAJOR CONTOUR
- 52 --- EXISTING MINOR CONTOUR
- 5465 --- PROPOSED MAJOR CONTOUR
- 56 --- 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 TOR 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

- 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
- S --- EXISTING STREET LIGHT
- S --- PROPOSED STREET LIGHT
- M --- EXISTING WATER METER
- M --- PROPOSED WATER METER
- V --- EXISTING WATER VALVE
- V --- PROPOSED WATER VALVE
- H --- EXISTING FIRE HYDRANT
- H --- PROPOSED FIRE HYDRANT
- M --- EXISTING STORM SEWER MANHOLE
- M --- PROPOSED STORM SEWER MANHOLE
- M --- EXISTING SANITARY SEWER MANHOLE
- M --- PROPOSED SANITARY SEWER MANHOLE

SITE LEGEND

- P --- PROPERTY BOUNDARY LINE
- A --- ADJACENT PROPERTY BOUNDARY LINE
- R --- RIGHT OF WAY BOUNDARY LINE
- S --- SECTION LINE
- L --- EXISTING ADJACENT LOT LINE
- L --- PROPOSED LOT LINE
- E --- EXISTING EASEMENT LINE
- E --- PROPOSED EASEMENT LINE
- R --- ROAD CENTERLINE
- R --- PROPOSED RIDGE LINE
- S --- PROPOSED SWALE LINE
- S --- EXISTING SWALE LINE
- F --- FLOODPLAIN BOUNDARY
- F --- EXISTING FLOOD ZONE
- F --- EXISTING FLOOD ZONE SETBACK
- C --- PROPOSED CURB AND GUTTER
- C --- EXISTING CURB AND GUTTER
- S --- PROPOSED SIDEWALK
- T --- PROPOSED TRAIL
- G --- PROPOSED GRAVEL PER ECM TABLE D-7
- P --- RIPRAP OUTFALL PADS
- S --- EXISTING SIGN
- S --- PROPOSED SIGN
- C --- PROPOSED CONCRETE
- C --- EXISTING CONCRETE

BASIS OF BEARING

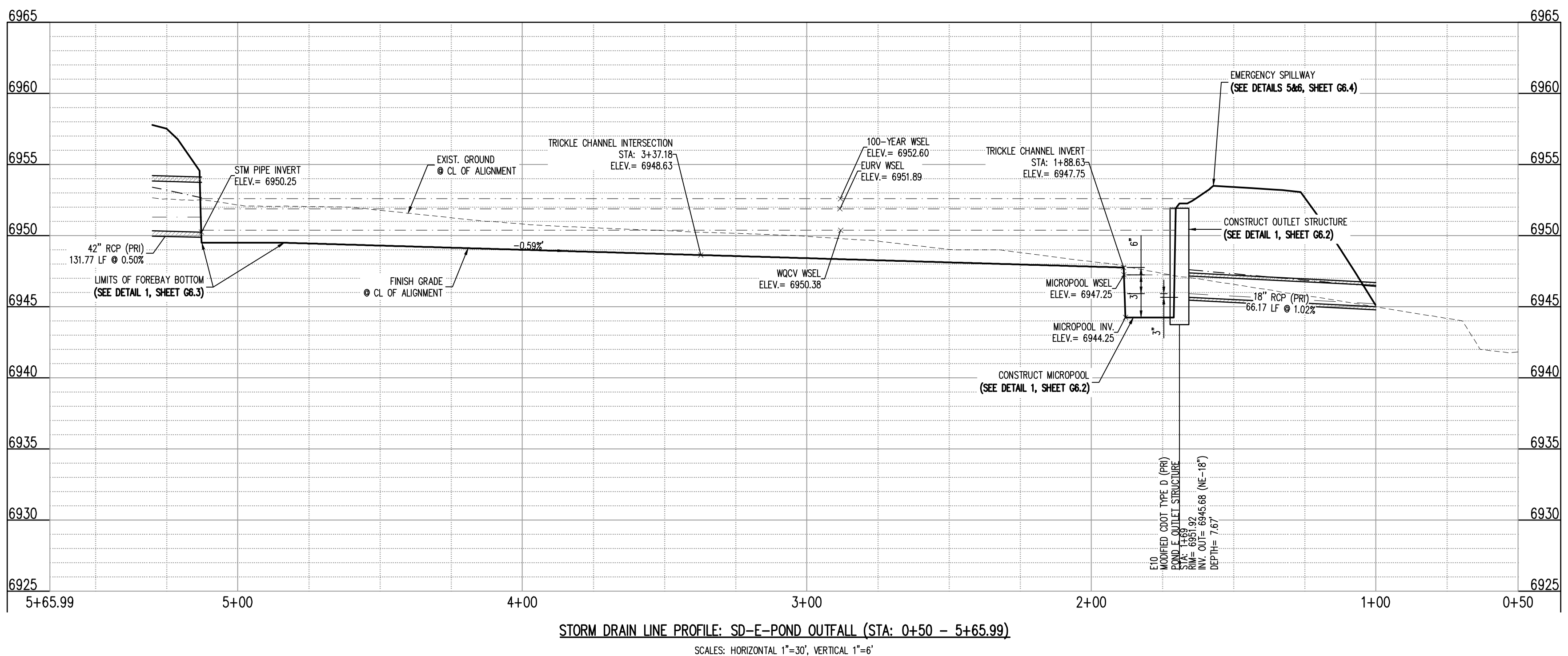
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BENCHMARK

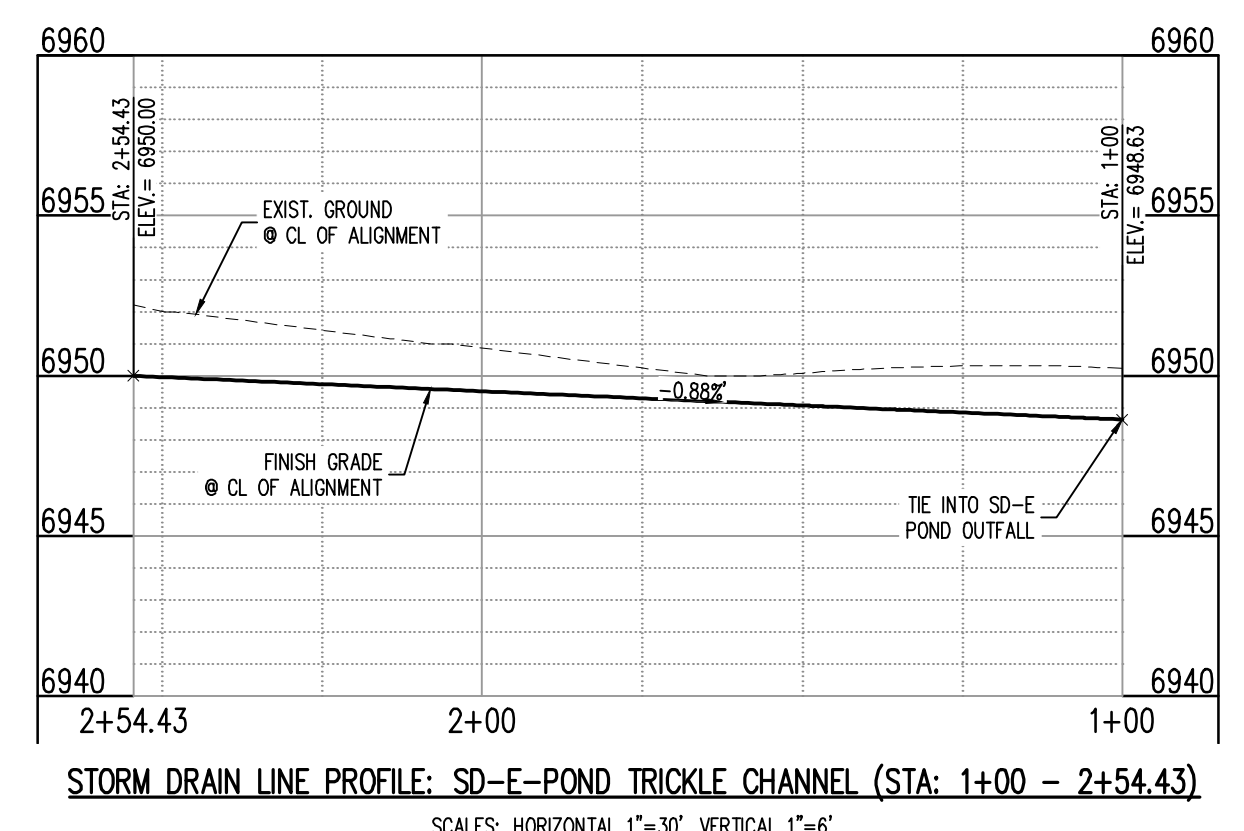
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A STANDARD DISK, STAMPED F 24 1929 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 6 INCHES ABOVE GROUND, ALONG THE CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD, 52 FEET NORTHWEST OF THE CENTERLINE OF U.S. HIGHWAY 24, 48 FEET SOUTHEAST OF THE CENTERLINE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

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STORM DRAIN LINE PROFILE: SD-E-POND OUTFALL (STA: 0+50 - 5+65.99)
SCALE: HORIZONTAL 1"=30', VERTICAL 1"=6'



STORM DRAIN LINE PROFILE: SD-E-POND TRICKLE CHANNEL (STA: 1+00 - 2+54.43)
SCALE: HORIZONTAL 1"=30', VERTICAL 1"=6'

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GRADING & EROSION CONTROL PLANS
GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
SF2311
EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831

#	Date	Issue / Description	Init.

Project No: HRC02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

POND E - PLAN & PROFILE

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D.R. HORTON
America's Builder

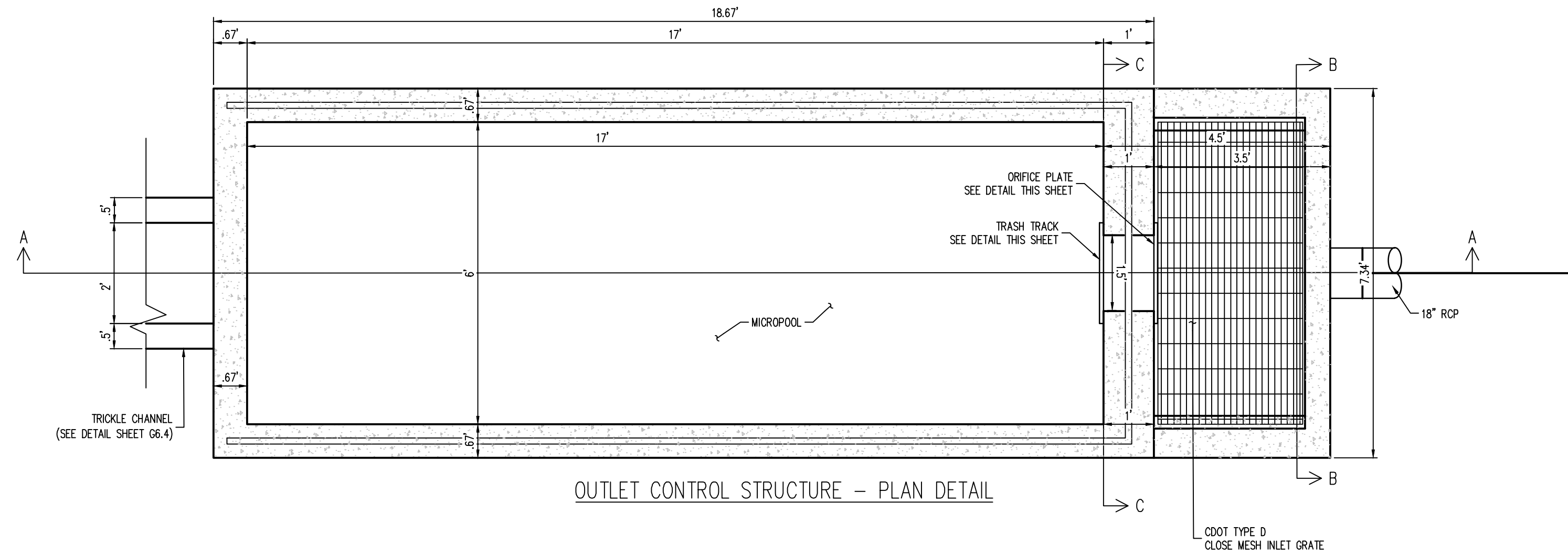
CONSTRUCTION DOCUMENTS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311

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

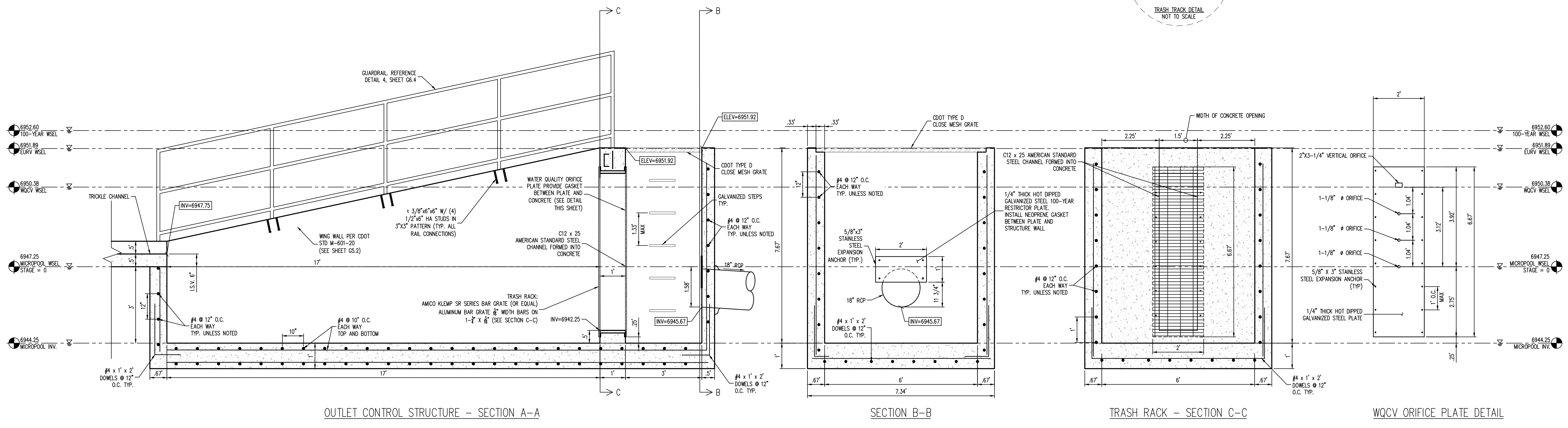
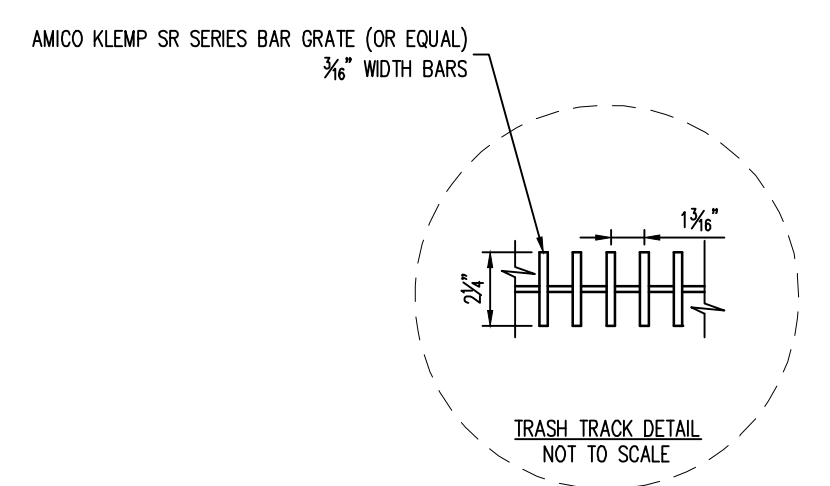
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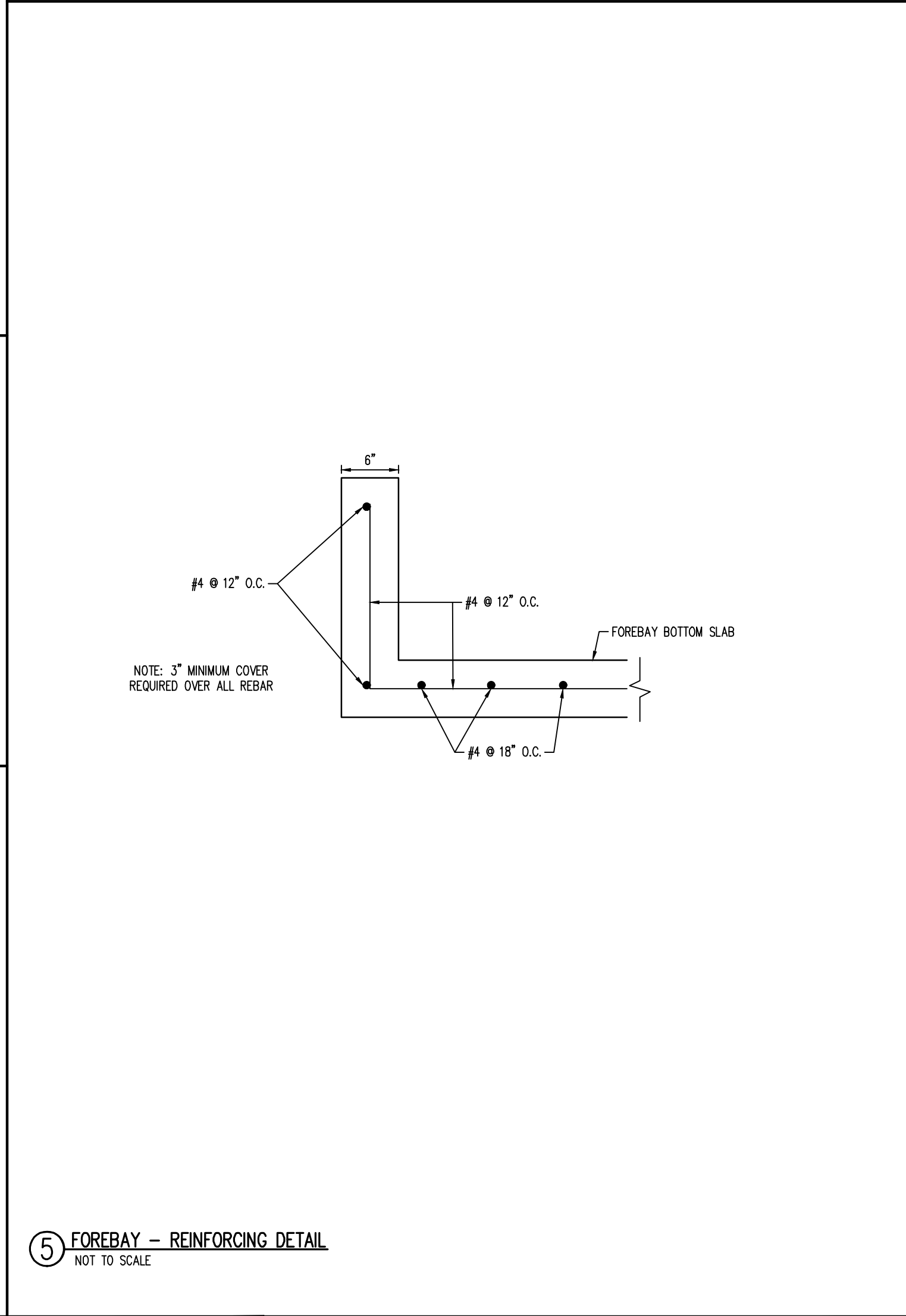
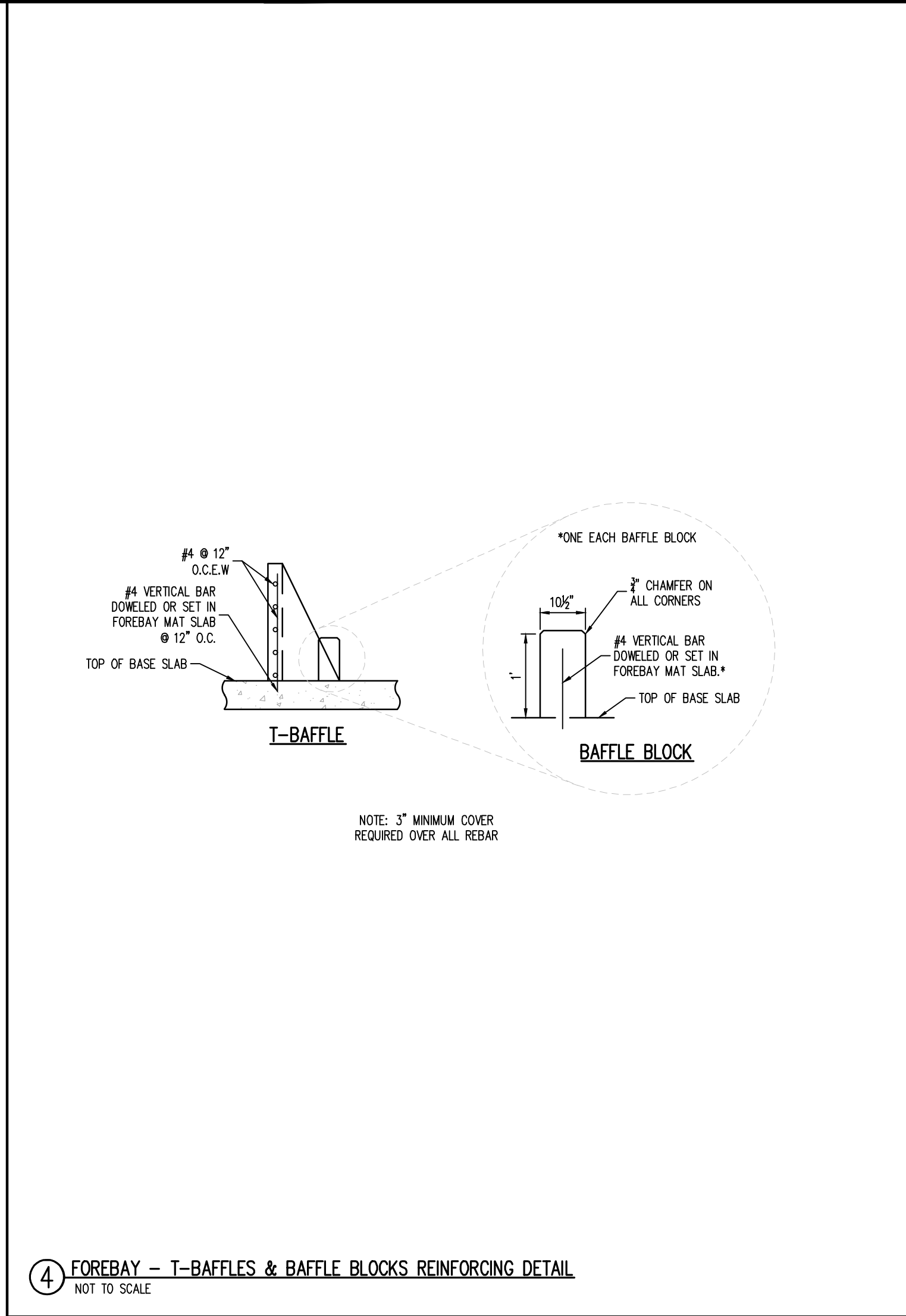
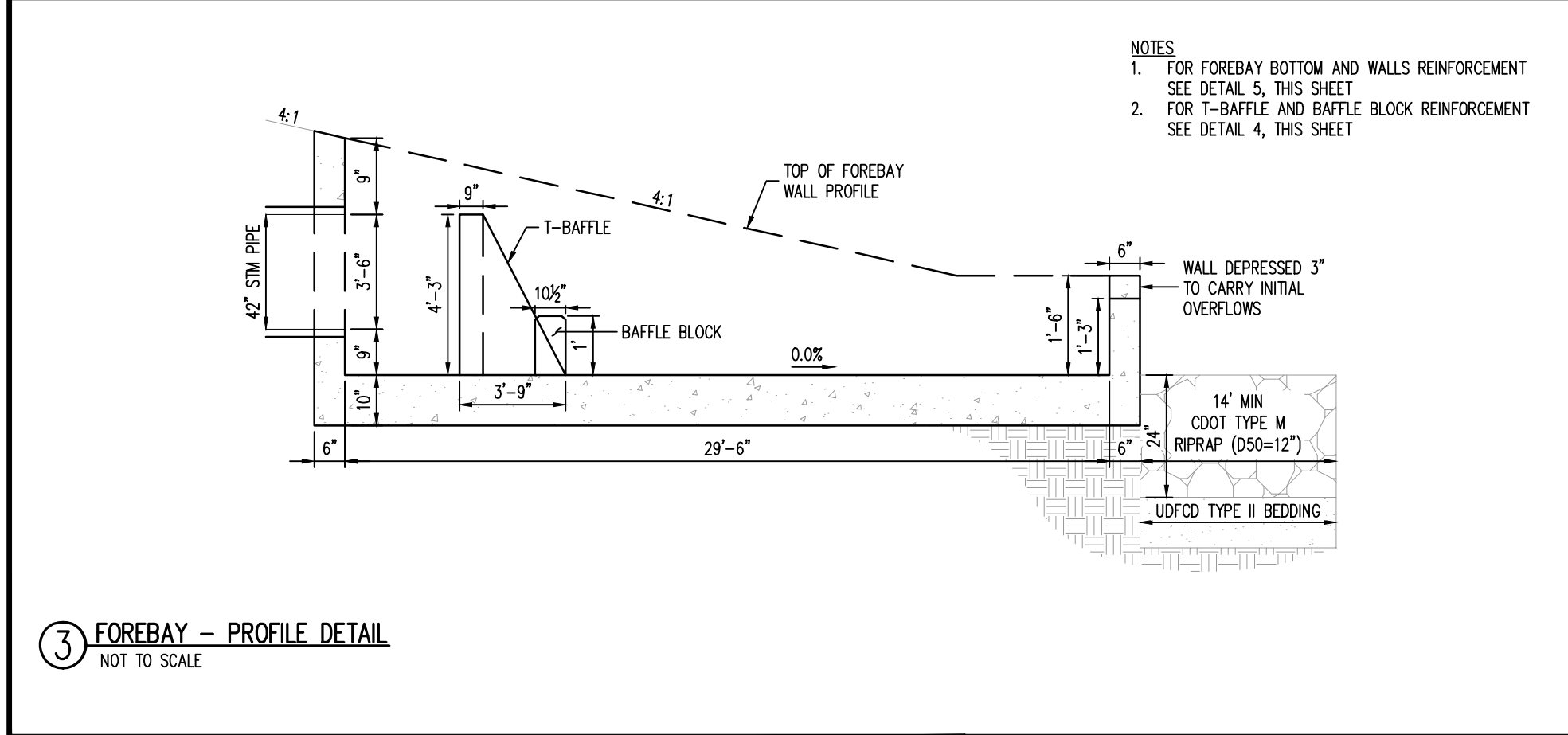
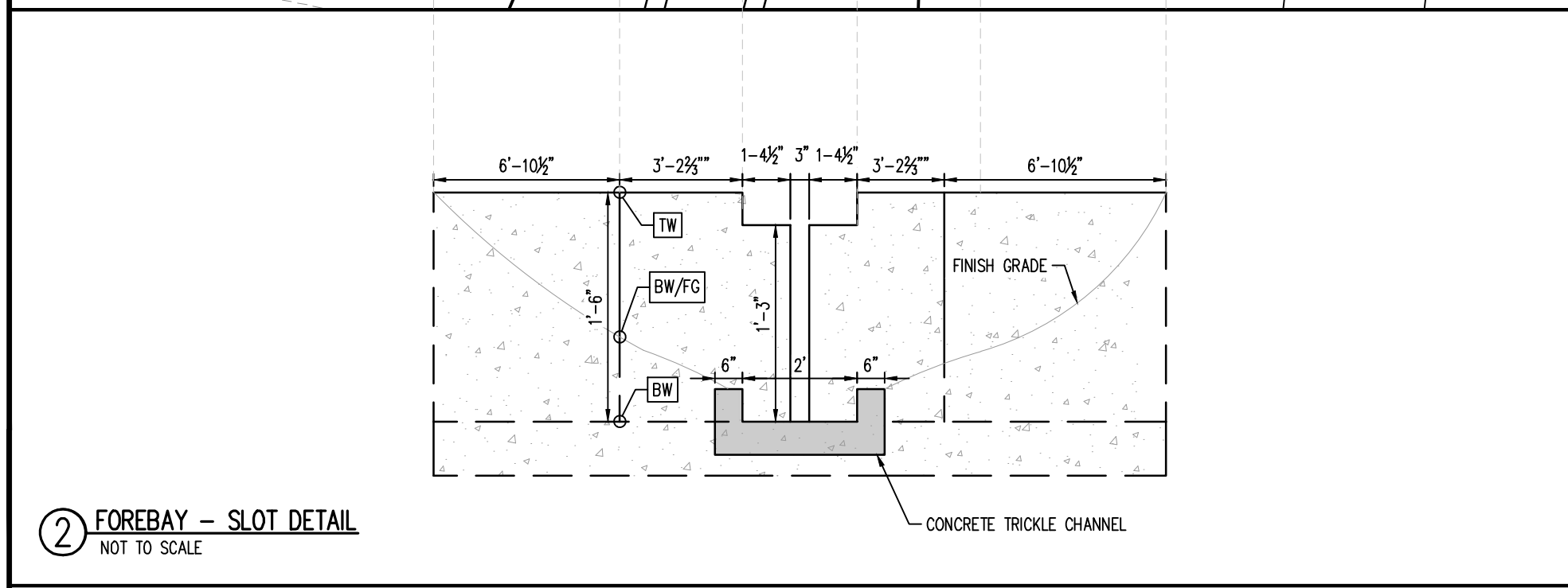
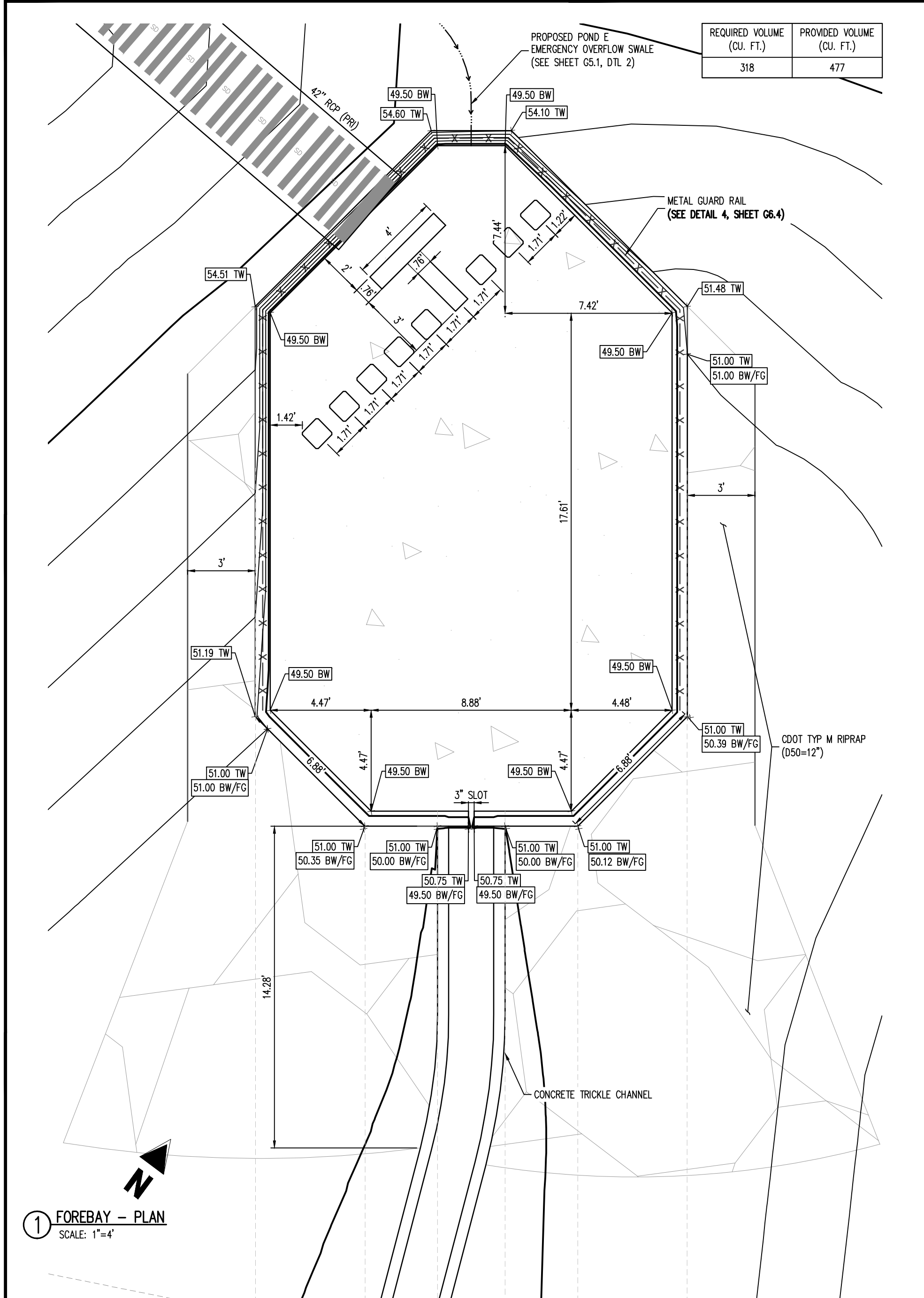
Project No: HRG02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

POND E - OUTLET
 STRUCTURE DETAILS



NOTE: ALL BAR REINFORCEMENTS SHALL CONFORM WITH CDOT M&S - M-604-11 INLET TYPE D





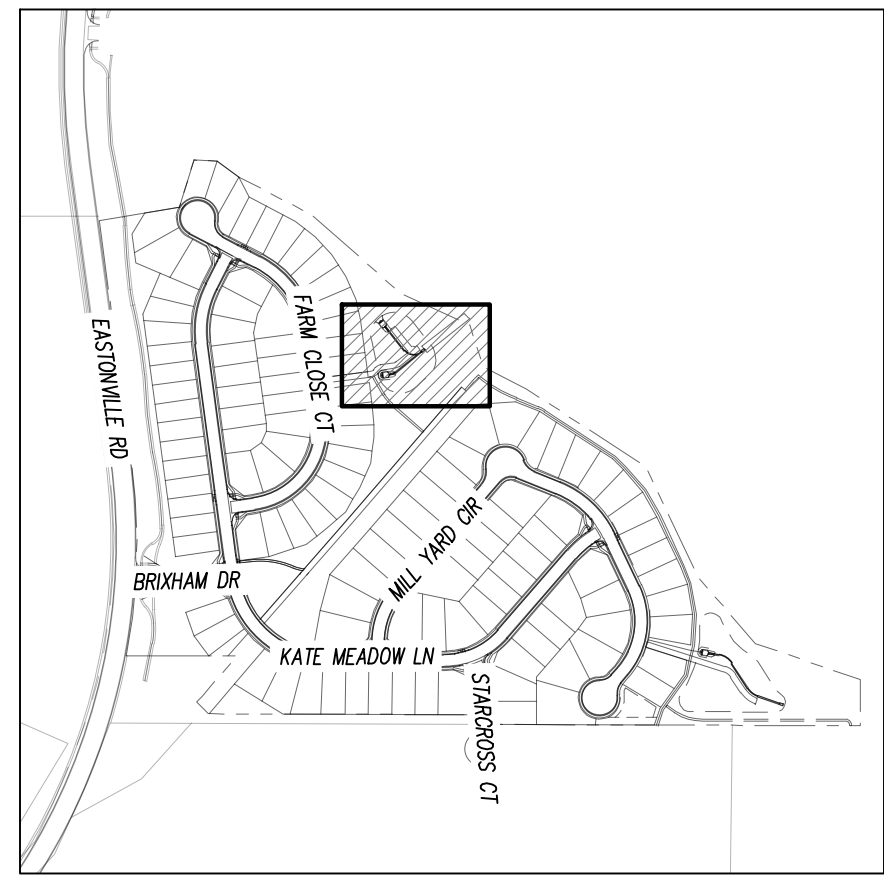
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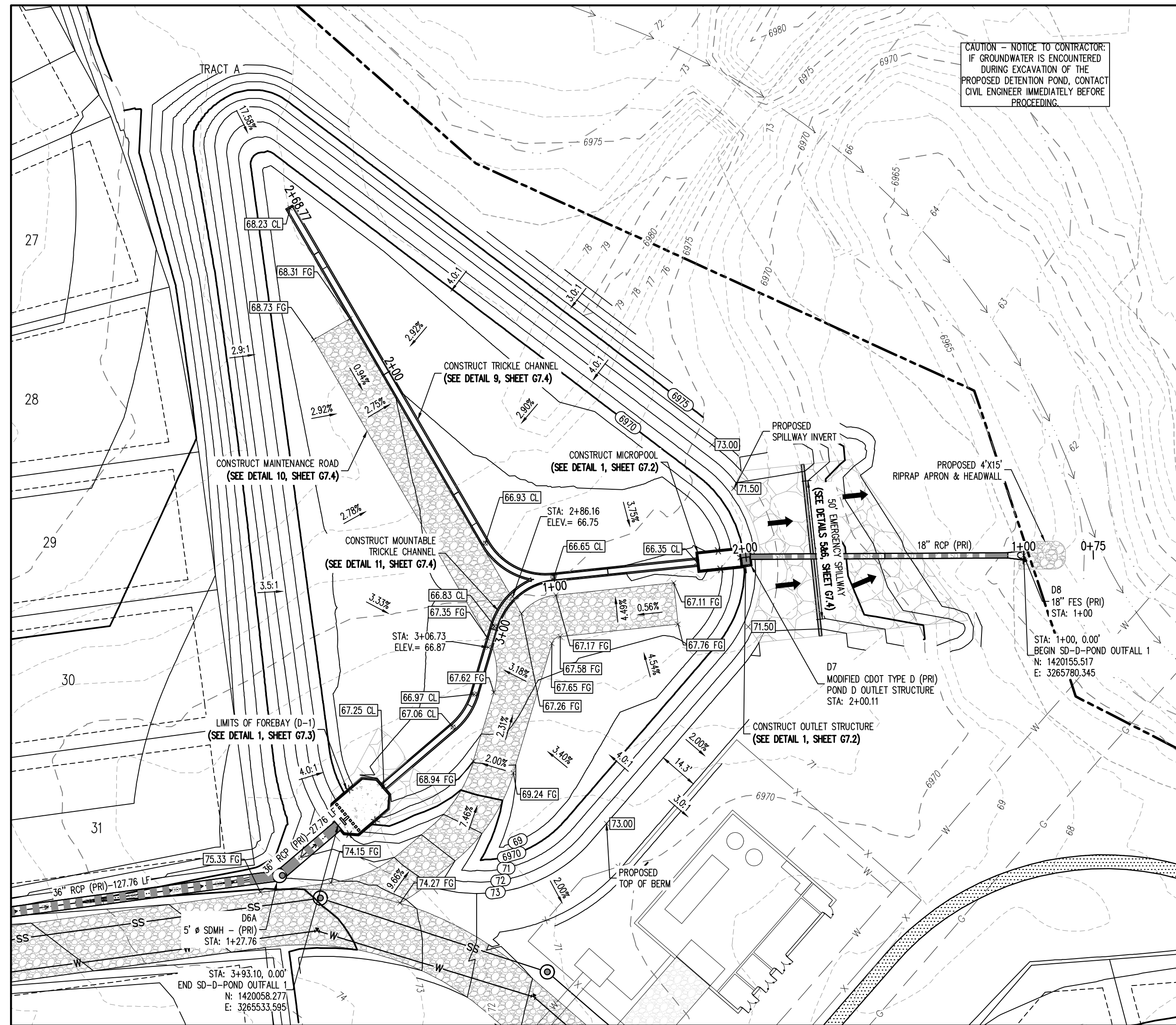
Project No: HRG02
 Drawn By: JDM, BLB
 Checked By: BAS, CMWJ
 Date: 03/15/2024

POND D - PLAN & PROFILE

G7.1
 Sheet 29 of 32



KEYMAP
 SCALE: 1"=500'



STORM DRAIN LINE PLAN: SD-D-POND
 SCALE: 1"=30'

GRADING LEGEND	
---5460---	EXISTING MAJOR CONTOUR
---52---	EXISTING MINOR CONTOUR
---5465---	PROPOSED MAJOR CONTOUR
---66---	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 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

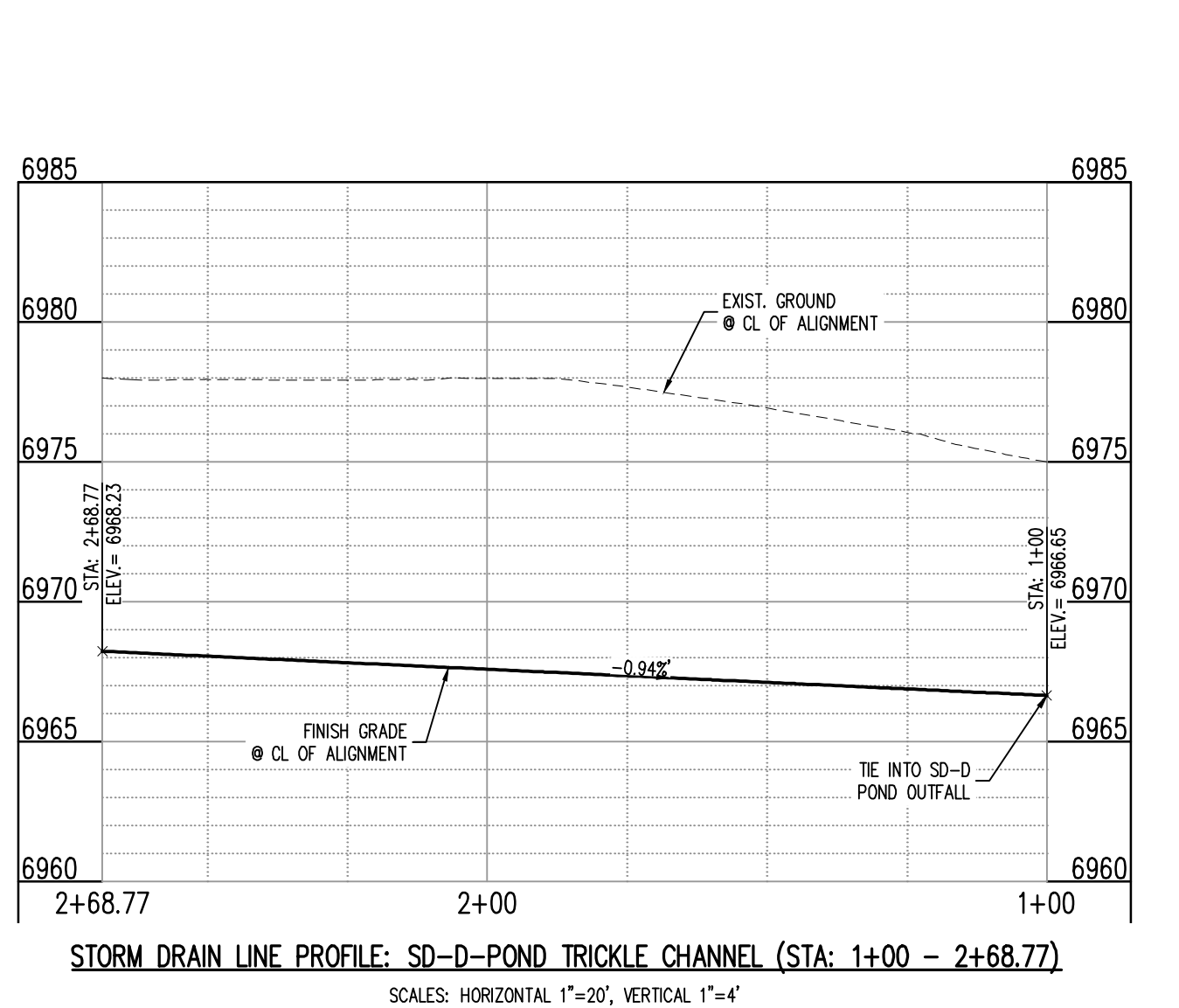
SITE LEGEND	
---	PROPERTY BOUNDARY LINE
---	ADJACENT PROPERTY BOUNDARY LINE
---	RIGHT OF WAY BOUNDARY LINE
---	SECTION LINE
---	EXISTING ADJACENT LOT LINE
---	PROPOSED LOT LINE
---	EXISTING EASEMENT LINE
---	PROPOSED EASEMENT LINE
---	ROAD CENTERLINE
---	PROPOSED RIDGE LINE
---	PROPOSED SWALE LINE
---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

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 SURVEYORS CAP STAMPED "PNSC LS 30087" AND ASSUMED TO BEAR S89°47'04"E, A DISTANCE OF 5285.07 FEET.

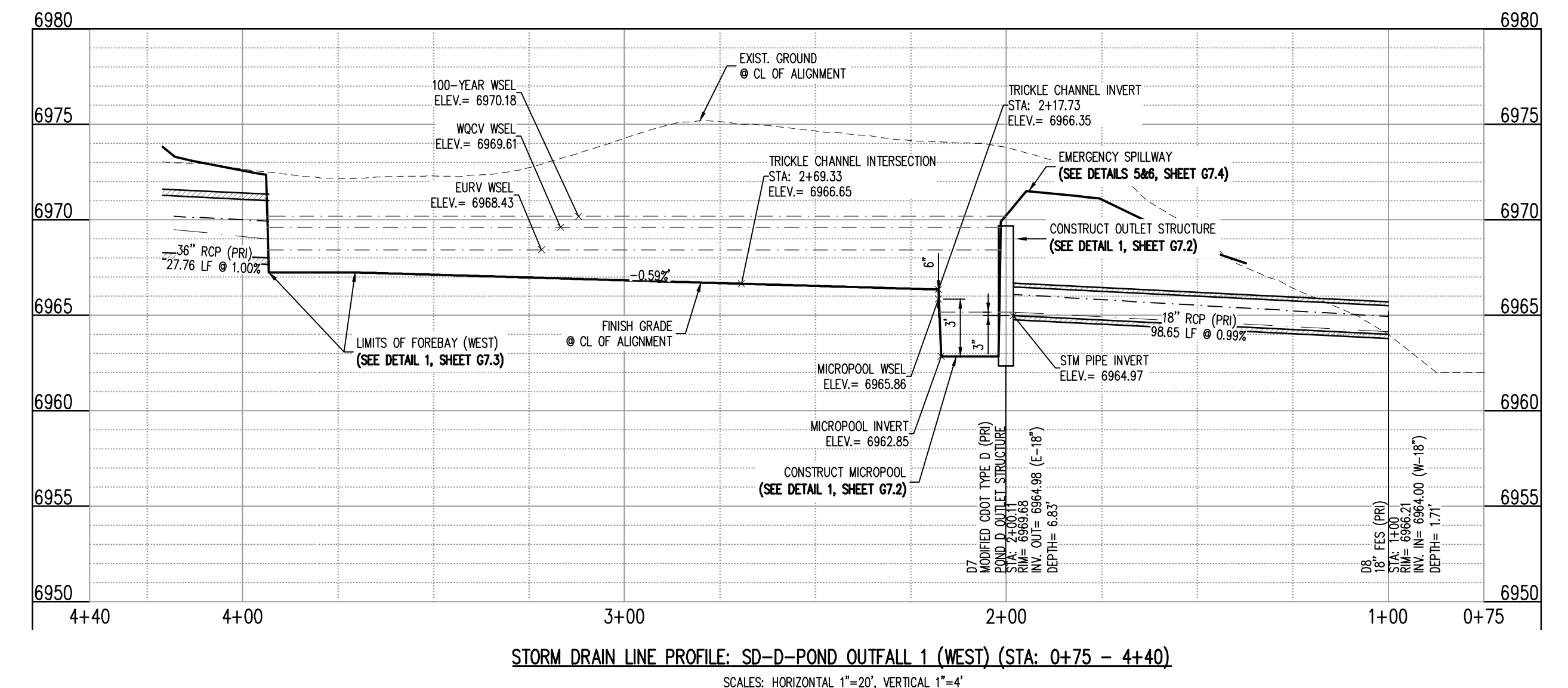
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STORM DRAIN LINE PROFILE: SD-D-POND TRICKLE CHANNEL (STA: 1+00 - 2+68.77)
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=4'



STORM DRAIN LINE PROFILE: SD-D-POND OUTFALL 1 (WEST) (STA: 0+75 - 4+40)
 SCALES: HORIZONTAL 1"=20', VERTICAL 1"=4'

2024/03/15 08:52:35 \\galloway-us-com\projects\2024\2400258-27\2400258-27.dwg - Title: 2400258-27.dwg - User: jdm - 3/15/2024 8:52:35 AM

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#	Date	Issue / Description	Init.

Project No: HRG02
Drawn By: JDM, BLB
Checked By: BAS, CMWJ
Date: 03/15/2024

POND D - OUTLET
STRUCTURE DETAILS

