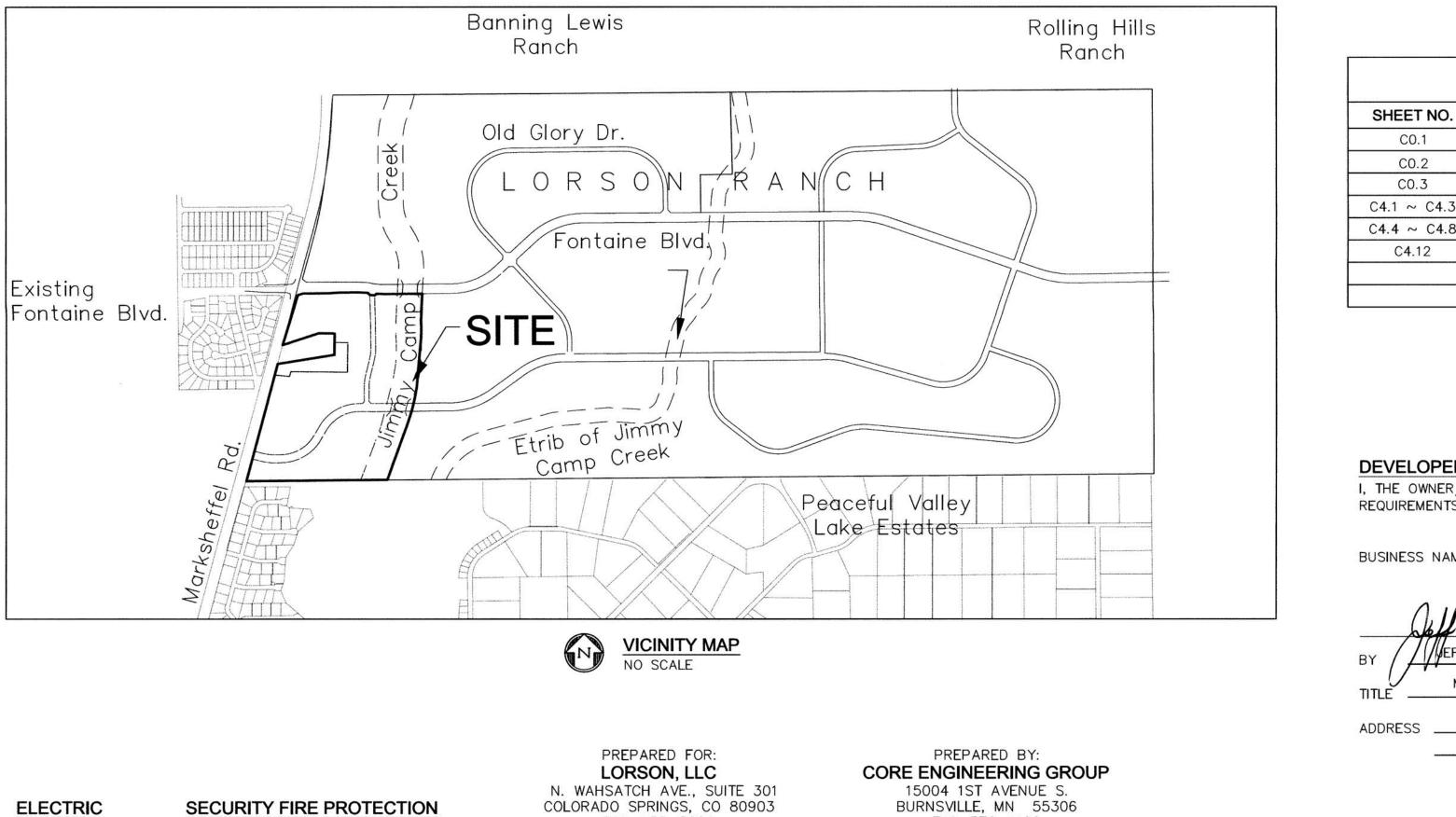
CARRIAGE MEADOWS SOUTH at LORSON RANCH FILING NO. 1



LEGEND

_____ STREET R.O.W.

PROPOSED STORM SEWER

WATER / SANITARY WIDEFIELD WATER AND SANITATION DISTRICT 37 WIDEFIELD BLVD. SECURITY, CO 80911 719-390-7111

CABLE COMCAST P.O. BOX 173838 DENVER, CO 80217 970-641-4774

ELECTRIC MOUNTAIN VIEW ELECTRIC 11140 E. WOODMEN RD. COLORADO SPRINGS, CO 80831 719-495-2283

DISTRICT 400 SECURITY BOULEVARD SECURITY, CO 80911 719-392-7121

TELEPHONE CENTURYLINK 7925 INDUSTRY ROAD COLORADO SPRINGS, CO 80939 719-278-4651

GAS BLACK HILLS ENGERGY 7060 ALLEGRE ST. FOUNTAIN, CO 80817 719-393-6639

EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT 2880 INTERNATIONAL CIRCLE COLORADO SPRINGS, CO 80910 719-520-6300

BASIS OF BEARING

BEARINGS ARE BASED ON THE SOUTH LINE OF THE NORTH HALF OF SECTION 23, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN AS BEING SOUTH 8941'52" WEST. THE EAST QUARTER CORNER OF SAID SECTION 23 IS A FOUND 3-1/2" ALUMINUM CAP MONUMENT AND THE WEST QUARTER CORNER OF SAID SECTION 23 IS A FOUND 2-1/2" ALUMINUM CAP MONUMENT

BENCHMARK

FIMS MONUMENT F204 LOCATED AT THE NORTHWEST CORNER OF FONTAINE BLVD AND COTTONWOOD GROVE DR. ELEVATION 5724.072 (N.G.V.D. 29)

TRAFFIC CONTROL NOTE

THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL DEVICES AND MONITORING NECESSARY TO SAFELY COMPLETE THE WORK SHOWN IN THESE CONSTRUCTION DOCUMENTS IN CONFORMANCE WITH M.U.T.C.D. GUIDELINES. THE CONTRACTOR SHALL COMPLETE ALL NECESSARY WORK FOR PLAN REVIEW, PERMITS AND PROCESSING. TRAFFIC CONTROL WILL NOT BE PAID SEPARATELY BUT IS INCLUDED IN THE COST OF THE PROJECT.

FINAL SITE GRADING CONSTRUCTION PLANS FOR

FINAL GRADING / EROSION CONTROL PLANS

719-635-3200 CONTACT: JEFF MARK

719-570-1100 CONTACT: RICHARD L. SCHINDLER P.E.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES I AND II, AND ENGINEERING CRITERIA MANUAL AS AMENDED. CONSTRUCTION DOCUMENTS WILL BE VALID FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER.

CONDITIONS:

IN PREPARING THIS PLAN

SF 17-011



Know what's below. Call before you dig. CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

	SHEET INDEX
	SHEET DESCRIPTION
	COVER SHEET
	NOTES (GENERAL, GRADING, EROSION CONTROL)
	TYPICAL SECTIONS
3	GRADING AND EROSION CONTROL, PLAN AND DETAILS
8	POND GRADING
	DETAILS

DEVELOPER'S STATEMENT

CO.1

C0.2

C0.3

C4.12

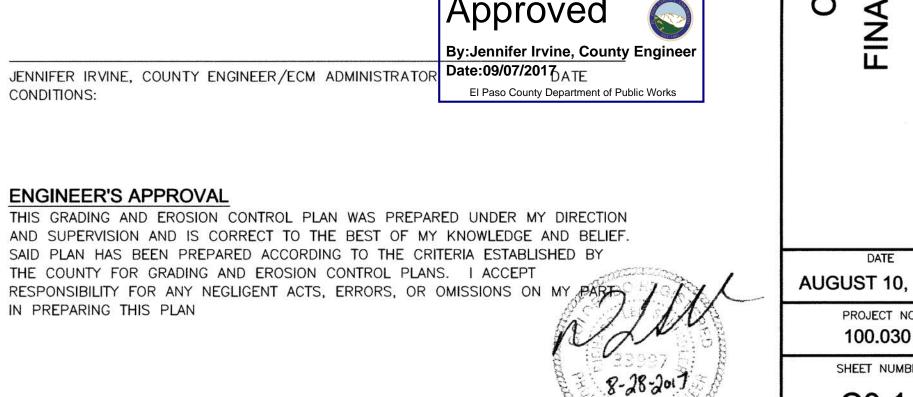
I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

ME LORSON, LLC		
1 Allen		
FF MARK	DATE	8/30/17
MANAGER		

212 N. WAHSATCH AVE. SUITE 301 COLORADO SPRINGS, CO 80903

CONSTRUCTION APPROVAL

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.



RICHARD L. SCHINDLER, P.E. # 33997 FOR AND ON BEHALF OF CORE ENGINEERING GROUP

	ENGINEERING GROUP	15004 1ST AVE. S.	BURNSVILLE, MN 55306 PH: 719.570.1100 CONTACT: RICHARD L. SCHINDLER, P.E. EMAIL: Rich@ceg1.com
PTION DATE DATE		PREPARED FOR:	LORSON, LLC 212 N. WAHSATCH AVE., SUITE 301 COLORADO SPRINGS, COLORADO 80903 (719) 635-3200 CONTACT: JEFF MARK
DESCRIPTION DESIG	RLS p; RLS		CARRIAGE MEADOWS SOUTH AT LORSON RANCH FIL. NO. 1 FONTAINE BLVD CARRIAGE MEADOWS DR EL PASO COUNTY, COLORADO
			AND EROSION CONTROL PLANS
		TE	0, 2017

C0.1

TOTAL SHEETS: 12

CONSTRUCTION NOTES

- 1. ALL WORK SHALL COMPLY WITH THE CODES AND POLICIES FOR EL PASO COUNTY.
- 2. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THIS GRADING PLAN WAS OBTAINED FROM AERIAL CONTOURS AND PREVIOUS CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE TO EXAMINE THE SITE AND BE FAMILIAR WITH THE EXISTING CONDITIONS.
- 3. DEPTH OF MOISTURE-DENSITY CONTROL FOR THIS PROJECT SHALL BE AS FOLLOWS: BASE OF ALL CUTS AND FILLS - 12 INCHES, FULL DEPTH OF ALL EMBANKMENTS
- 4. THE CONTRACTOR IS RESPONSIBLE FOR THE RE-ESTABLISHMENT OF ALL SURVEY MONUMENTS DISTURBED WITHIN THE PROJECT LIMITS.
- 5. THE CONTRACTOR SHALL PROTECT ALL WORK AREAS AND FACILITIES FROM FLOODING AT ALL TIMES. AREAS AND FACILITIES SUBJECTED TO FLOODING, REGARDLESS OF THE SOURCE OF WATER, SHALL BE PROMPTLY DEWATERED AND RESTORED.
- 6. PRIOR TO PAVING OPERATIONS, THE ENTIRE SUBGRADE SHALL BE PROOF-ROLLED WITH A LOADED 988 FRONT-END LOADER OR SIMILAR HEAVY RUBBER TIRED VEHICLE (GVW OF 50,000 POUNDS WITH 18 KIP PER AXLE AT TIRE PRESSURES OF 90 PSI) TO DETECT ANY SOFT OR LOOSE AREAS. IN AREAS WHERE SOFT OR LOOSE SOILS, PUMPING OR EXCESSIVE MOVEMENT IS OBSERVED, THE EXPOSED MATERIALS SHALL BE OVER-EXCAVATED TO A MINIMUM DEPTH OF TWO FEET BELOW PROPOSED FINAL GRADE OR TO A DEPTH AT WHICH SOILS ARE STABLE. AFTER THIS HAS BEEN COMPLETED, THE EXPOSED MATERIALS SHALL BE SCARIFIED TO A DEPTH OF 12 INCHES AND MOISTURE CONDITIONED. THE SUBGRADE SHALL THEN BE UNIFORMLY COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR DENSITY (ASTMM D-698) AT 0 TO +4.0% OF OPTIMUM MOISTURE CONTENT FOR A-6 AND A-7-6 SOILS ENCOUNTERED. OTHER SUBGRADE TYPES SHALL BE UNIFORMLY COMPACTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR DENSITY (ASTM D-1557) AT PLUS OR MINUS 2.0% OF OPTIMUM MOISTURE CONTENT. AREAS WHERE STABLE NATURAL SOILS ARE ENCOUNTERED AT PROPOSED SUBGRADE ELEVATION SHALL ALSO BE SCARIFIED (18 INCHES FOR A-7-6 SOILS BELOW FULL-DEPTH ASPHALT CONCRETE) AND COMPACTED AS OUTLINED ABOVE PRIOR TO PAVING OPERATIONS. SUBGRADE FILL SHALL BE PLACED IN SIX-INCH LIFTS AND UNIFORMLY COMPACTED, MEETING THE REQUIREMENTS AS PREVIOUSLY DESCRIBED.
- 7. SUBGRADE MATERIALS DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED, DISPOSED OF AND REPLACED WITH APPROVED MATERIALS.
- 8. FILL SHALL BE PLACED IN 8-INCH MAXIMUM LOOSE LIFTS AND SHALL BE COMPACTED PRIOR TO SUCCESSIVE LIFTS.

9. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DURING CONSTRUCTION ACTIVITIES AT ALL TIMES DURING GRADING AND CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES:

- HAY BALE BARRIERS WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.
- SILT FENCE WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.
- TEMPORARY SEDIMENTATION BASINS WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.
- MULCHING AND SEEDING OF EXCESSIVE SLOPED AREAS AS NEEDED OR AS DIRECTED BY THE ENGINEER.
- TEMPORARY VEHICLE TRACKING CONTROL AS NEEDED AND/OR DIRECTED BY THE ENGINEER.
- CONCRETE WASH AREAS.

- INLET PROTECTION.

THESE AND ALL EROSION CONTROL BEST MANAGEMENT PRACTICES AS SHOWN IN THE GRADING AND EROSION CONTROL PLANS SHALL BE STRICTLY ADHERED TO.

10. FINISHED CONTOURS/SPOT ELEVATIONS SHOWN HEREON REPRESENT FINISHED GRADES. ALL PAVEMENT SUBGRADES ARE BASED ON THE COMPOSITE ASPHALT PAVEMENT RECOMMENDATIONS MADE IN THE "GEOTECHNICAL STUDY" FOR THIS PROJECT.

- CRITERIA.

STANDARD NOTES FOR EL PASO COUNTY G

EL PASO COUNTY STANDARD CONSTRUCTION NOTES:

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 ONSITE AND OFFSITE. 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 PUBLIC WORK DEPARTMENT AND MUTCD

14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY PWD, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.

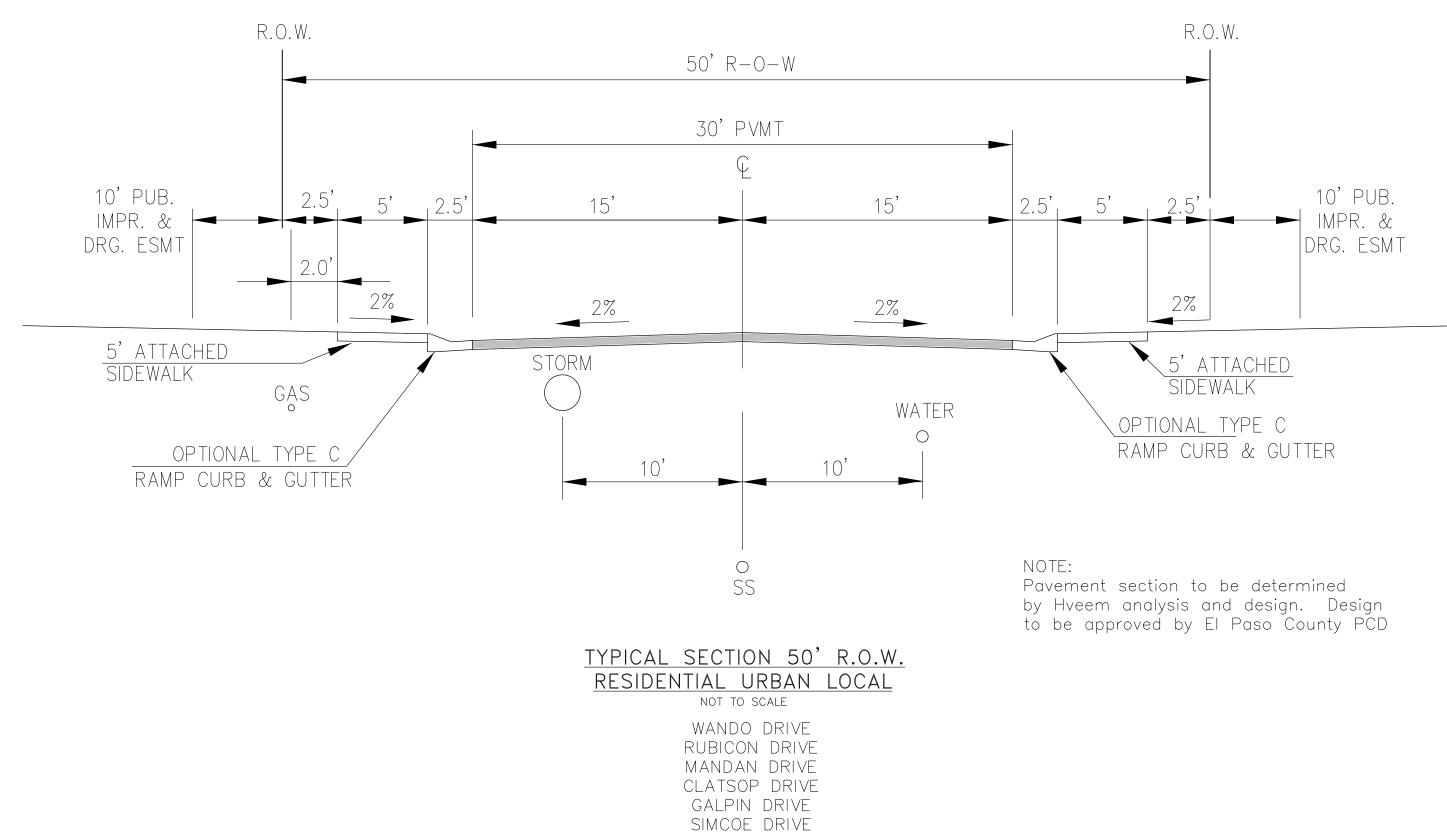
15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

- 1. CONSTRUCTION MAY NOT COMMENCE UNTIL A CONSTRU CONFERENCE IS HELD WITH PCD INSPECTIONS.
- 2. STORMWATER DISCHARGES FROM CONSTRUCTION SITES OR DEGRADATION OF STATE WATERS. ALL WORK AND POLLUTION OF ANY ON-SITE OR OFF SITE WATERS, INC
- 3. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLAN. CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE REQUIREMENTS OF THE MOST RECENT VERSION OF THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATION
- 4. A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUE SWMP IS THE RESPONSIBILITY OF THE DESIGNATED STO SHALL BE KEPT UP TO DATE WITH WORK PROGRESS A
- 5. ONCE THE ESQCP HAS BEEN ISSUED, THE CONTRACTOR BMPS AS INDICATED ON THE GEC. A PRECONSTRUCTION COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. MEETING TIME AND PLACE WITH COUNTY PCD INSPECTI
- 6. SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, COMPLETED WITHIN 21 CALENDAR DAYS AFTER FINAL DISTURBED AREAS AND STOCKPILES WHICH ARE NOT SHALL ALSO BE MULCHED WITHIN 21 DAYS AFTER INTE STATE FOR MORE THAN 60 DAYS SHALL ALSO BE SEE SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION
- 7. TEMPORARY SOIL EROSION CONTROL FACILITIES SHALL WITH PERMANENT SOIL EROSION CONTROL MEASURES F VOLUME II AND THE ENGINEERING CRITERIA MANUAL (E
- 8. ALL PERSONS ENGAGED IN EARTH DISTURBANCE SHALL CONTROL MEASURES INCLUDING BMPS IN CONFORMANC CRITERIA MANUAL (DCM) VOLUME II AND IN ACCORDAN
- 9. ALL TEMPORARY EROSION CONTROL FACILITIES INCLUDII EROSION OF ANY EARTH DISTURBANCE OPERATIONS, S AND THE DCM VOLUME II AND MAINTAINED THROUGHOU
- 10. ANY EARTH DISTURBANCE SHALL BE CONDUCTED IN SU EROSION AND RESULTING SEDIMENTATION. ALL DISTURB THE EXPOSED AREA OF ANY DISTURBED LAND SHALL
- 11. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED , THROUGH, OR FROM THE EARTH DISTURBANCE AREA SH VELOCITY.
- 12. CONCRETE WASH WATER SHALL BE CONTAINED AND DIS BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE SYSTEM OR FACILITIES.
- 13. EROSION CONTROL BLANKETING SHALL BE USED ON SLO
- 14. BUILDING, CONSTRUCTION, EXCAVATION, OR OTHER WAS STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN AC BE REQUIRED BY EL PASO COUNTY PCD IF DEEMED NE
- 15. VEHICLE TRACKING OF SOILS AND CONSTRUCTION DEBR BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIA
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOV ACCORDANCE WITH LOCAL AND STATE REGULATORY RE MATERIAL WASTES OR UNUSED BUILDING MATERIALS SI
- 17. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SI OTHER DRAINAGE CONVEYANCE SYSTEM AND STORMWA
- 18. THE QUANTITY OF MATERIALS STORED ON THE PROJEC REQUIRED TO PERFORM THE WORK IN AN ORDERLY SE NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINE.
- 19. NO CHEMICALS ARE TO BE USED BY THE CONTRACTOR PERMISSION FOR THE USE OF A SPECIFIC CHEMICAL IS USE OF SUCH CHEMICALS, SPECIAL CONDITIONS AND M
- 20. BULK STORAGE STRUCTURES FOR PETROLEUM PRODUC TO CONTAIN ALL SPILLS AND PREVENT ANY SPILLED M, SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
- 21. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORM DITCHLINE.
- 22. INDIVIDUALS SHALL COMPLY WITH THE "COLORADO WAT "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBT. FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT REGULATIONS OF OTHER FEDERAL, STATE, OR COUNTY Shall Apply.
- 23. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SIT
- 24. PRIOR TO ACTUAL CONSTRUCTION THE PERMITTEE SHA
- 25. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURIN DUST FROM EARTHWORK EQUIPMENT AND WIND.
- 26. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARE
- 27. AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED STAR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION . DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC APPLICATION CONTAINS CERTIFICATION OF COMPLETION GRADING AND EROSION CONTROL PLAN MAY BE A PAR

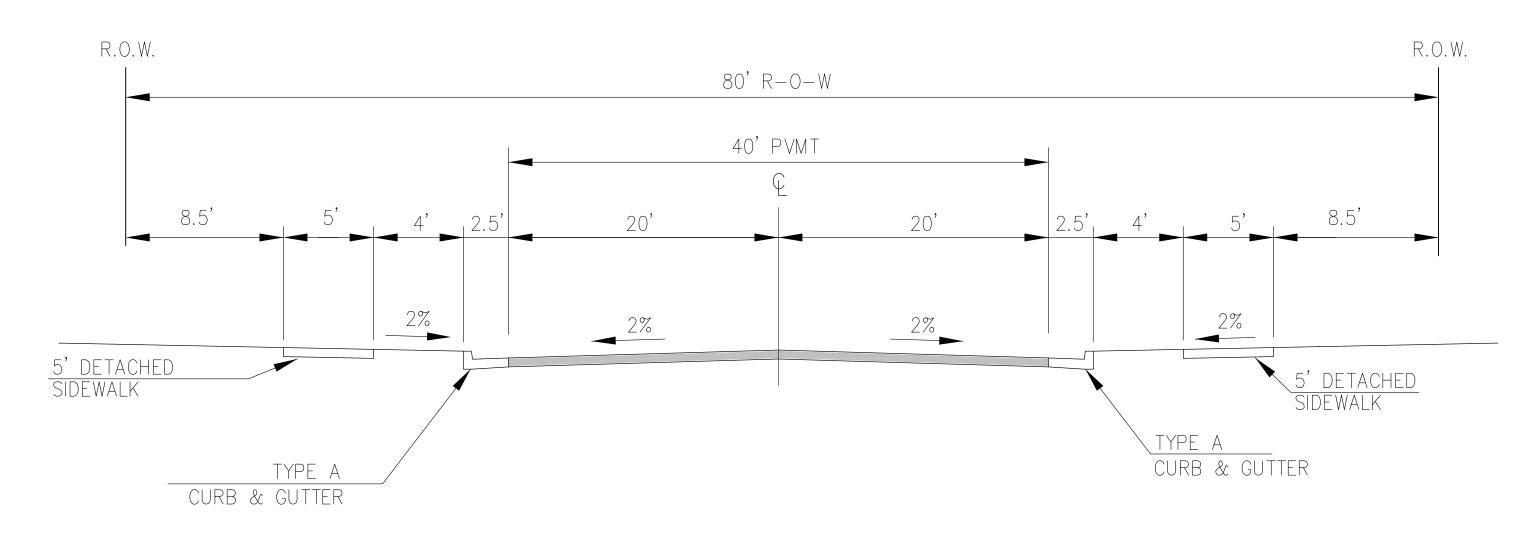
COLORADO DEPARTMENT OF PUBLIC HEALTH WATER QUALITY CONTROL DIVISION WQCD - PERMITS 4300 CHERRY CREEK DRIVE SOUTH DENVER, CO 80246-1530 ATTN: PERMITS UNIT

RADING AND EROSION CONTROL PLANS		ROUP ER, P.E.
JCTION PERMIT IS OBTAINED FROM PCD AND A PRECONSTRUCTION		
SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES CLUDING WETLANDS.	Ш	VE. S. VE. S. MN 55306 1100 HARD L. SCH PARD L. SCH
'S IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND E RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA ONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.	COR	ENGINE 15004 1ST A BURNSVILLE, PH: 719.570. CONTACT: RIC EMAIL: RICH@
) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND ED PRIOR TO COMMENCING CONSTRUCTION. DURING CONSTRUCTION THE DRMWATER MANAGER, SHALL BE LOCATED ON SITE AT ALL TIMES AND ND CHANGES IN THE FIELD.	E	
R MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL ON MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE ONS STAFF.	DATE	301 80903
CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE GRADING, OR FINAL EARTH DISTURBANCE, HAS BEEN COMPLETED. AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS ERIM GRADING. AN AREA THAT IS GOING TO REMAIN IN AN INTERIM DED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND BMPS N CONTROL MEASURES ARE IMPLEMENTED AND ESTABLISHED.		N, LLC N SUITE 3C A AVE., SUITE 3C COLORADO 80 335-3200 355-3200
BE REMOVED AND EARTH DISTURBANCE AREAS GRADED AND STABILIZED PURSUANT TO STANDARDS AND SPECIFICATION PRESCRIBED IN THE DCM CM) APPENDIX I.		ORSO SPRINGS (719) 6 CONTACT
L IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENT RE WITH THE EROSION CONTROL TECHNICAL STANDARDS OF THE DRAINAGE ICE WITH THE STORMWATER MANAGEMENT PLAN (SWMP).		PREPARED FOR: 212 N. COLORADO
NG BMPS AND ALL PERMANENT FACILITIES INTENDED TO CONTROL HALL BE INSTALLED AS DEFINED IN THE APPROVED PLANS, THE SWMP JT THE DURATION OF THE EARTH DISTURBANCE OPERATION.	ESCRIPTION	
UCH A MANNER SO AS TO EFFECTIVELY REDUCE ACCELERATED SOIL BANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME.	DES	S SOU IL. NO. Meadows
AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, HALL BE DESIGNED TO LIMIT THE DISCHARGE TO A NON-EROSIVE		NDOWS NCH F Rriage ry, colu
SPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL E WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE		GE MEAL SON RAN - VD CAR
OPES STEEPER THAN 3:1.		RIA(LOR: NE BI
STE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE CCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. BMP'S MAY ECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.	DRAWN:	
RIS OFF—SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFFSITE SHALL ATELY.	DESIGNE CHECKE	ED: RLS
AL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN EQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING HALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.		
THEIR AUTHORIZED AGENTS SHALL BE RESPONSIBLE FOR THE REMOVAL EDIMENT, AND SAND THAT MAY ACCUMULATE IN THE STORM SEWER OR TER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.		
T SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY QUENCE. ALL MATERIALS STORED ON—SITE SHALL BE STORED IN A TRS, WITH ORIGINAL MANUFACTURER'S LABELS.		Z
R, WHICH HAVE THE POTENTIAL TO BE RELEASED IN STORMWATER UNLESS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING THE IONITORING MAY BE REQUIRED.		PLAN
TS AND OTHER CHEMICALS SHALL HAVE ADEQUATE PROTECTION SO AS ATERIAL FROM ENTERING STATE WATERS, INCLUDING ANY SURFACE OR	 	DN Su
WATER FLOW IN THE FLOW LINE OF THE CURB AND GUTTER OR IN THE	FINAL	GRADING NOTES
TER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE THE REQUIREMENTS INCLUDED IN THE DCM VOLUME II AND THE ECM AINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (NPDES, T OF CONFLICTS BETWEEN THESE REQUIREMENTS AND LAWS, RULES, OR AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS		SITE GR N
TE AT APPROVED CONSTRUCTION ACCESS POINTS.		07
LL VERIFY THE LOCATION OF EXISTING UTILITIES. NG EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE		
ED BY RMG AND SHALL BE CONSIDERED A PART OF THESE PLANS.		
RT OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB 1 ACRE OR ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER C HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE		DATE
OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS RT. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:	AUG	UST 10, 2017
AND ENVIRONMENT		PROJECT NO. 100.030
	Ś	SHEET NUMBER
		C0.2
	•	

total sheets: **12**



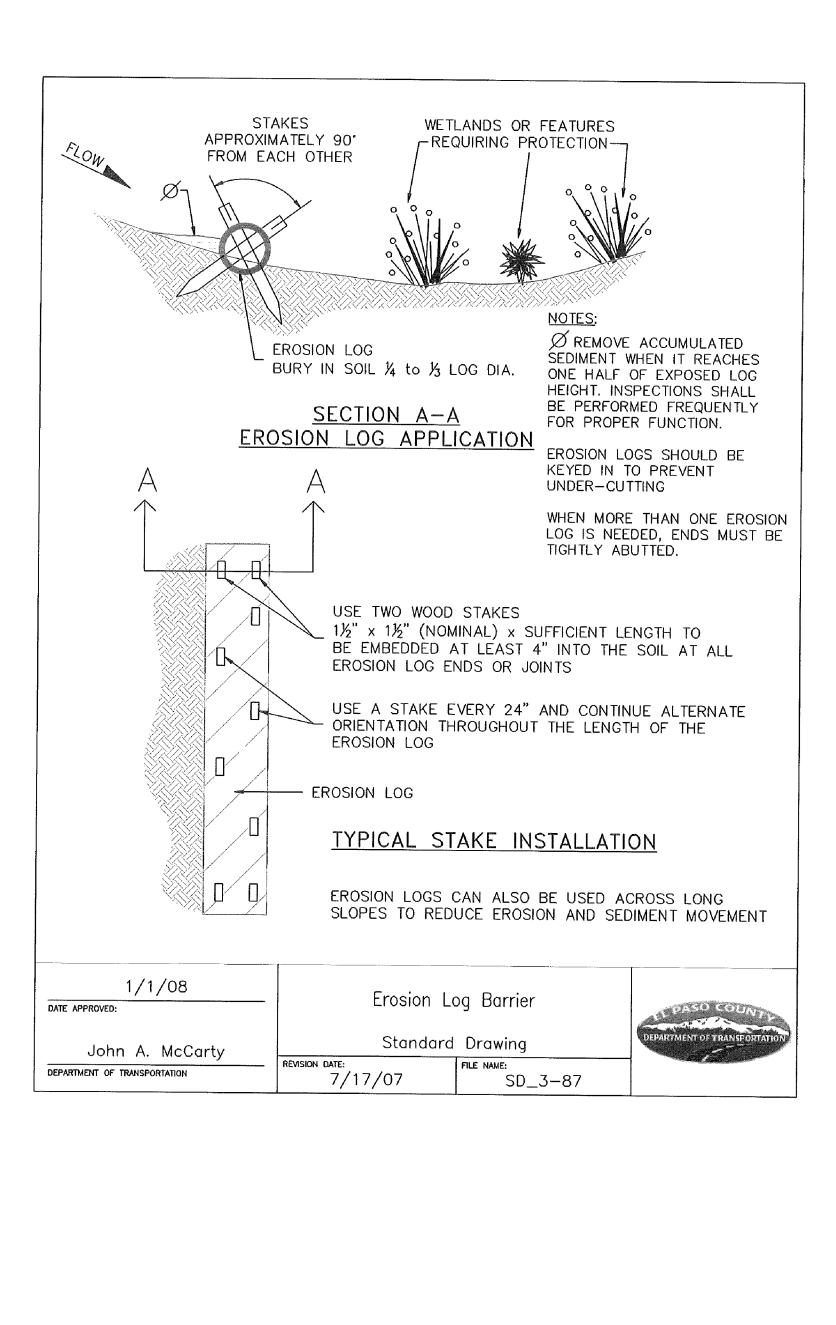
CARRIAGE MEADOWS DRIVE (INTERIM)



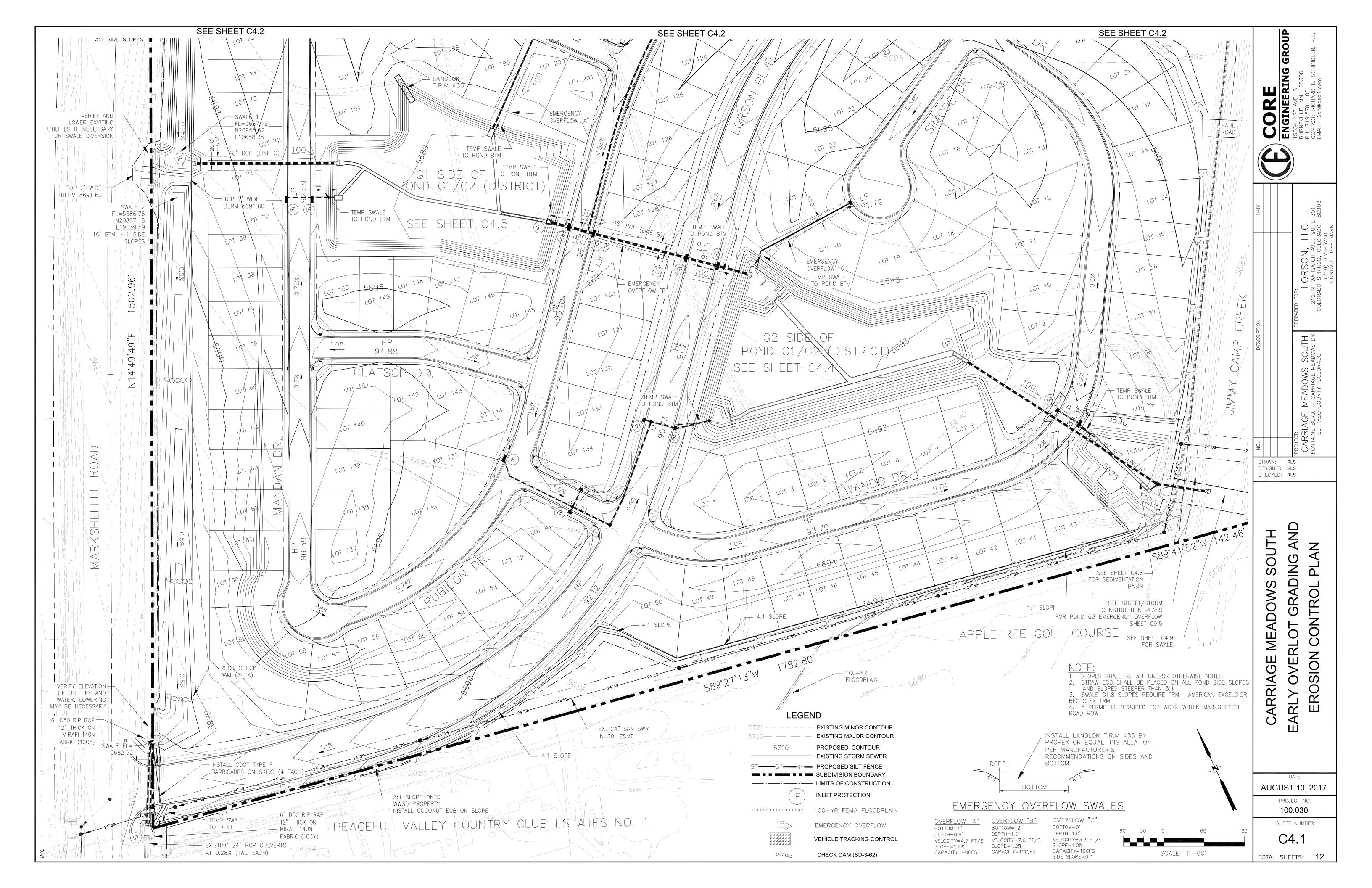
TYPICAL SECTION 80' R.O.W. RESIDENTIAL URBAN COLLECTOR

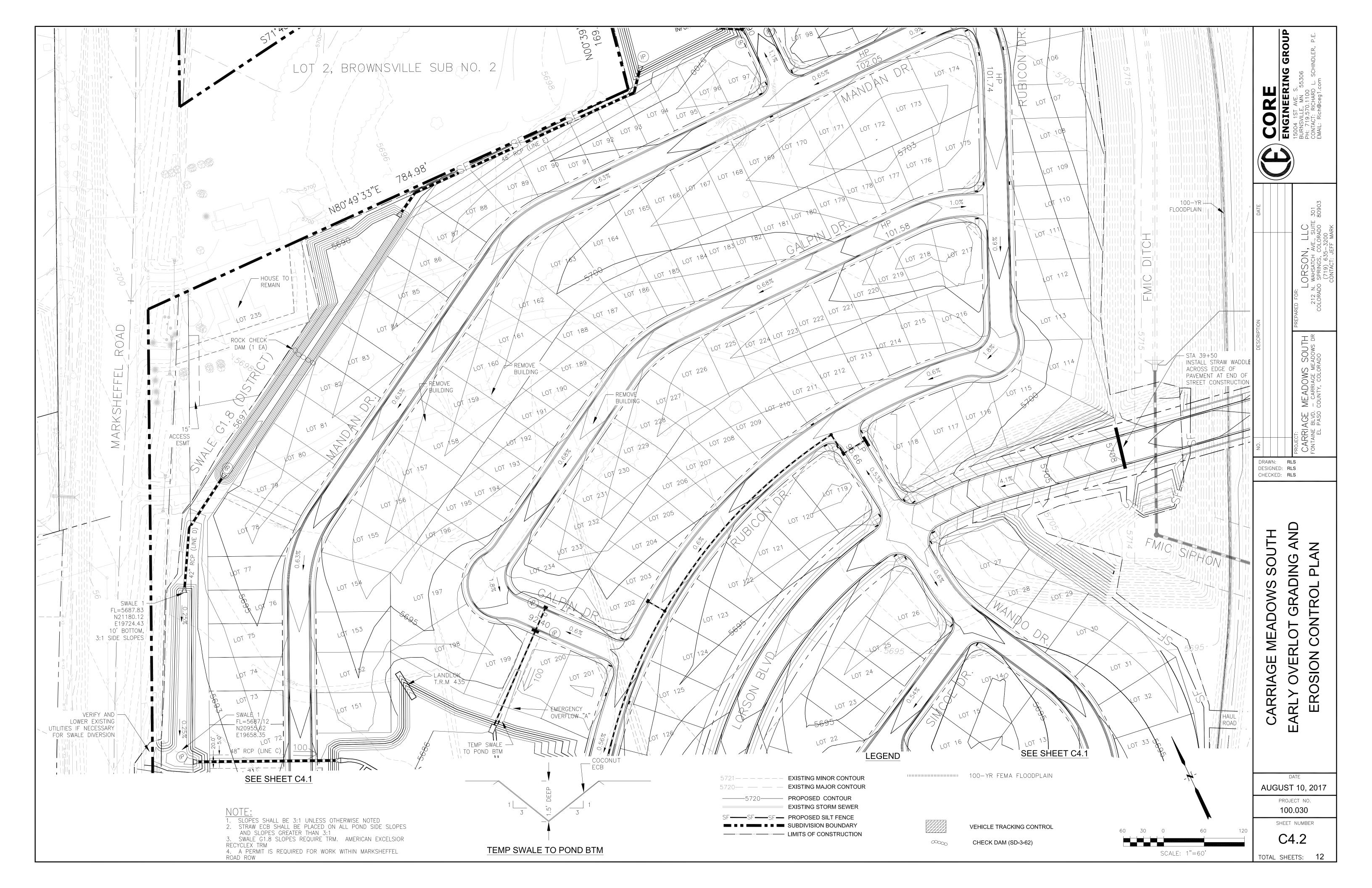
LORSON BOULEVARD

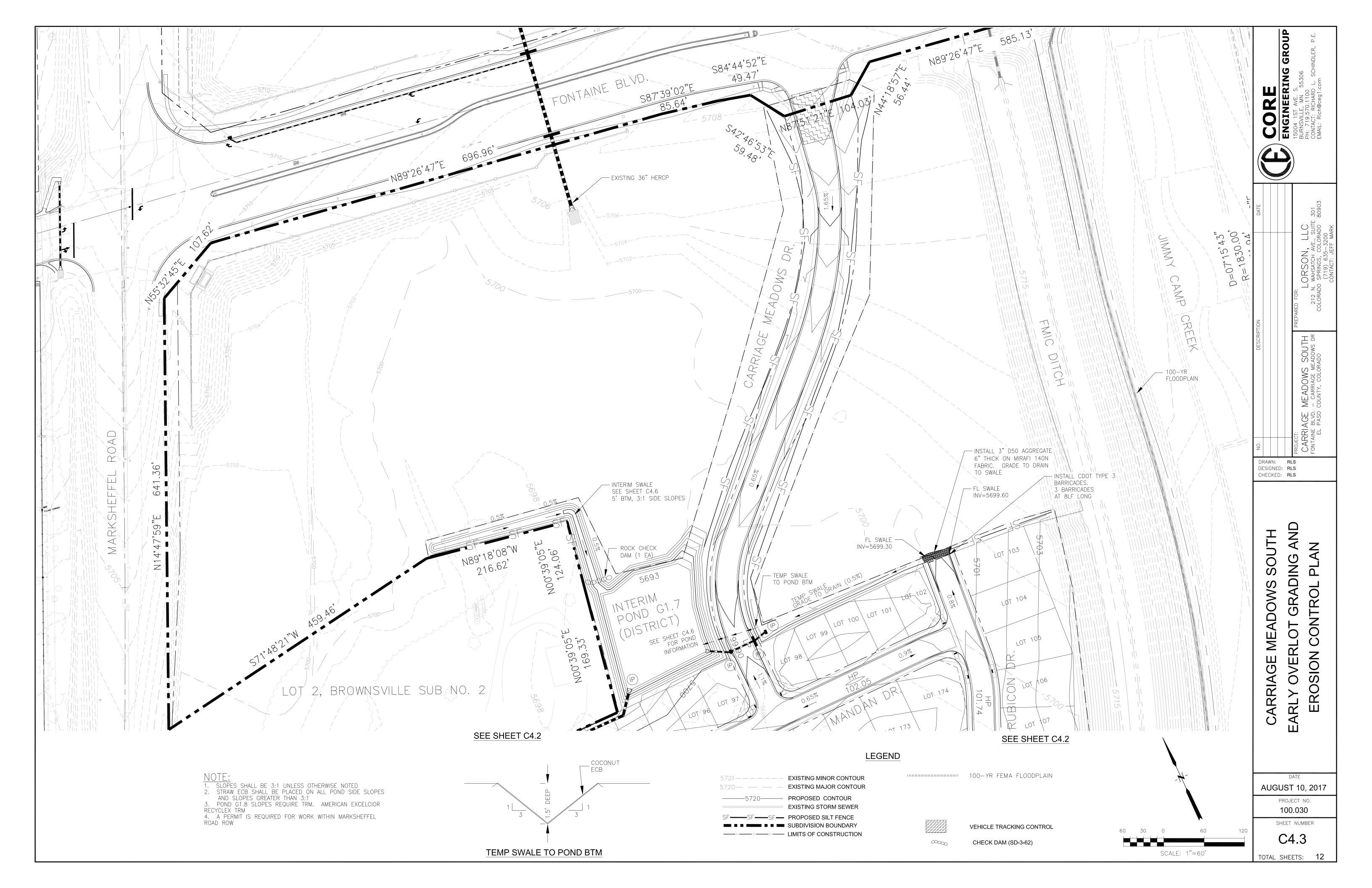
NOTE: Pavement section to be determined by Hveem analysis and design. Design to be approved by El Paso County PCD

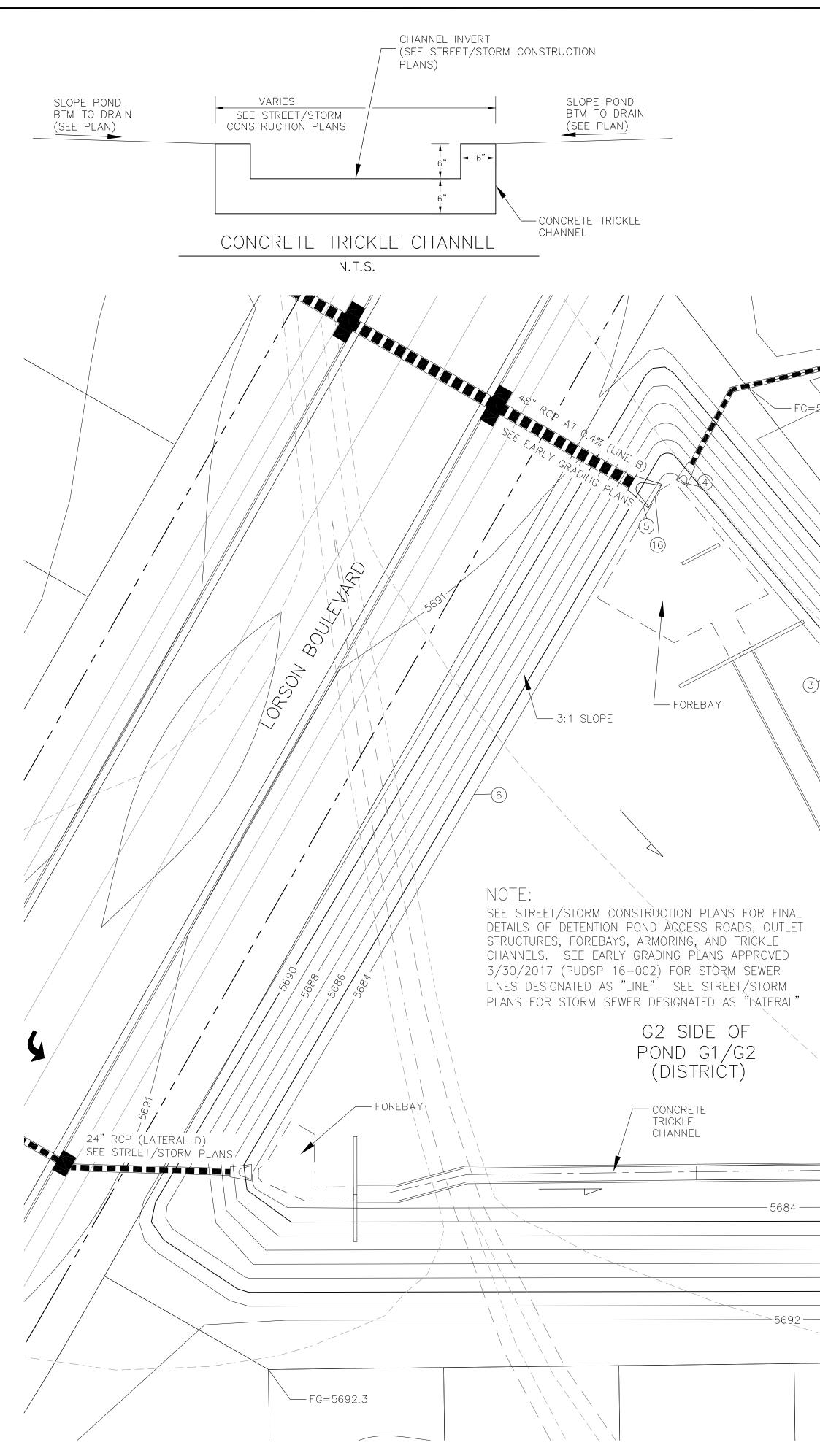


FINAL FINAL SITE GRADING TYPICAL ROADWAY SECTIONS TYPICAL ROADWAY SECTIONS TYPICAL ROADWAY SECTIONS FRUECT: TYPICAL ROADWAY SECTIONS FRUECT: TYPICAL ROADWAY SECTIONS FRUECT: TYPICAL ROADWAY SECTIONS FRUECT: TORSON RANCH FIL. NO. 1 FORTIALE BLVD: - CARRIAGE MEADOWS DN FREARED FOR: COLORADO SPRINGS, COLORADO S0003 FOUTAINE BLVD: - CARRIAGE MEADOWS DN FUEL PASO COLORADO S0003 FOUTAINE BLVD: - CARRIAGE MEADOWS DN FUEL PASO COLORADO SPRINGS, COLORADO S0003 FOUTAINE BLVD: - CARRIAGE MEADOWS DN FUEL PASO COLORADO SPRINGS, COLORADO SPRI	ENGINEEKING GROUP 15004 1ST AVE. S. BURNSVILLE, MN 55306 PH: 719.570.1100 CONTACT: RICHARD L. SCHINDLER, P.E. EMAIL: Rich@ceg1.com
NO. NO. DESCRIPTION	DN, LLC SH AVE., SUITE 301 S, COLORADO 80903 635-3200 : JEFF MARK
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	SITE GRADING TYPICAL ROADWAY SECTIONS
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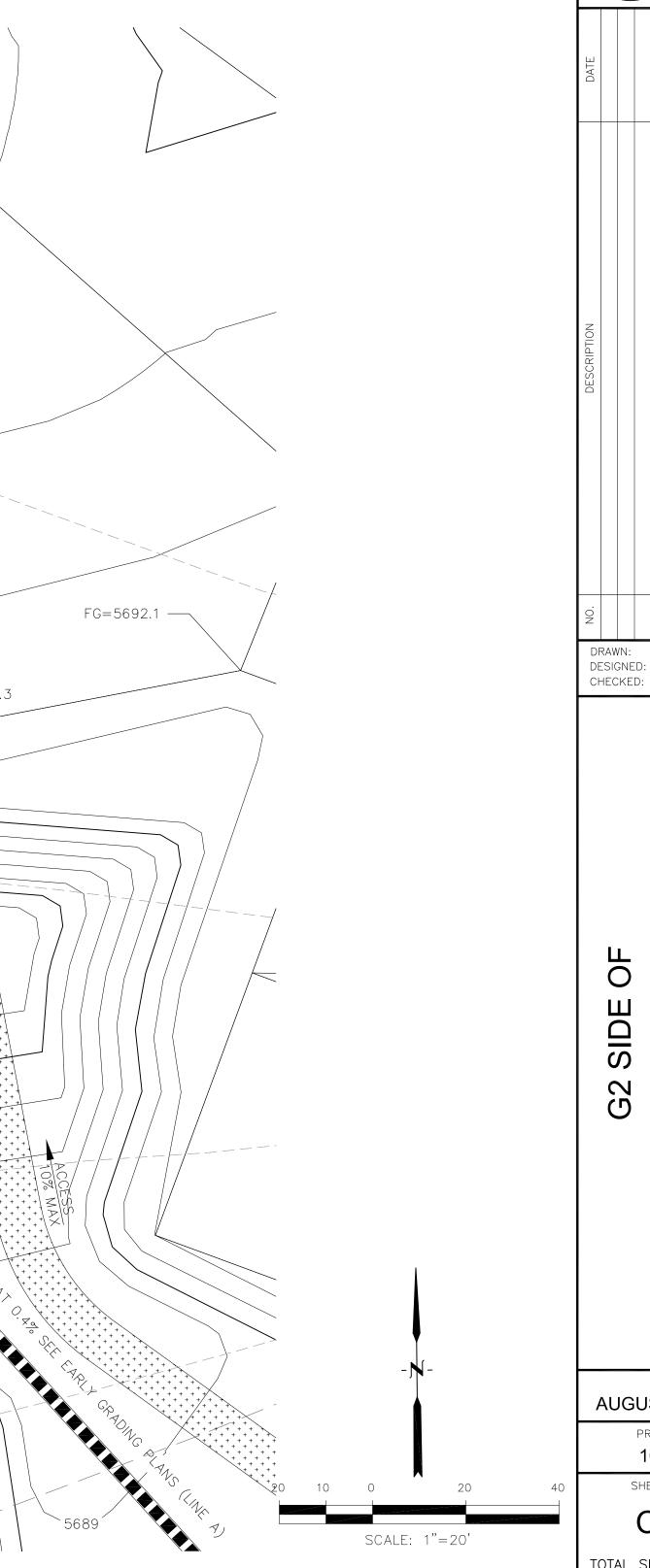


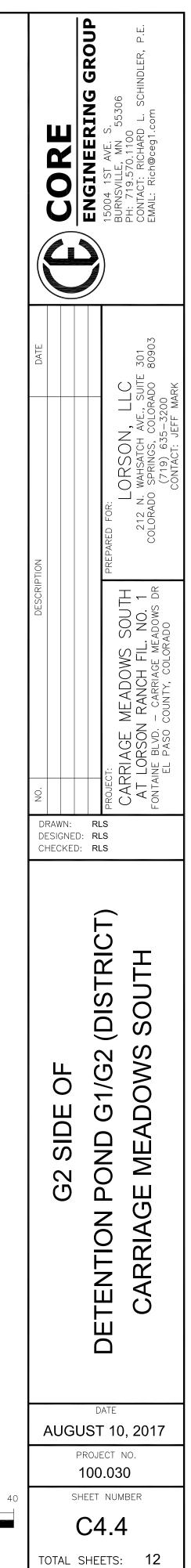


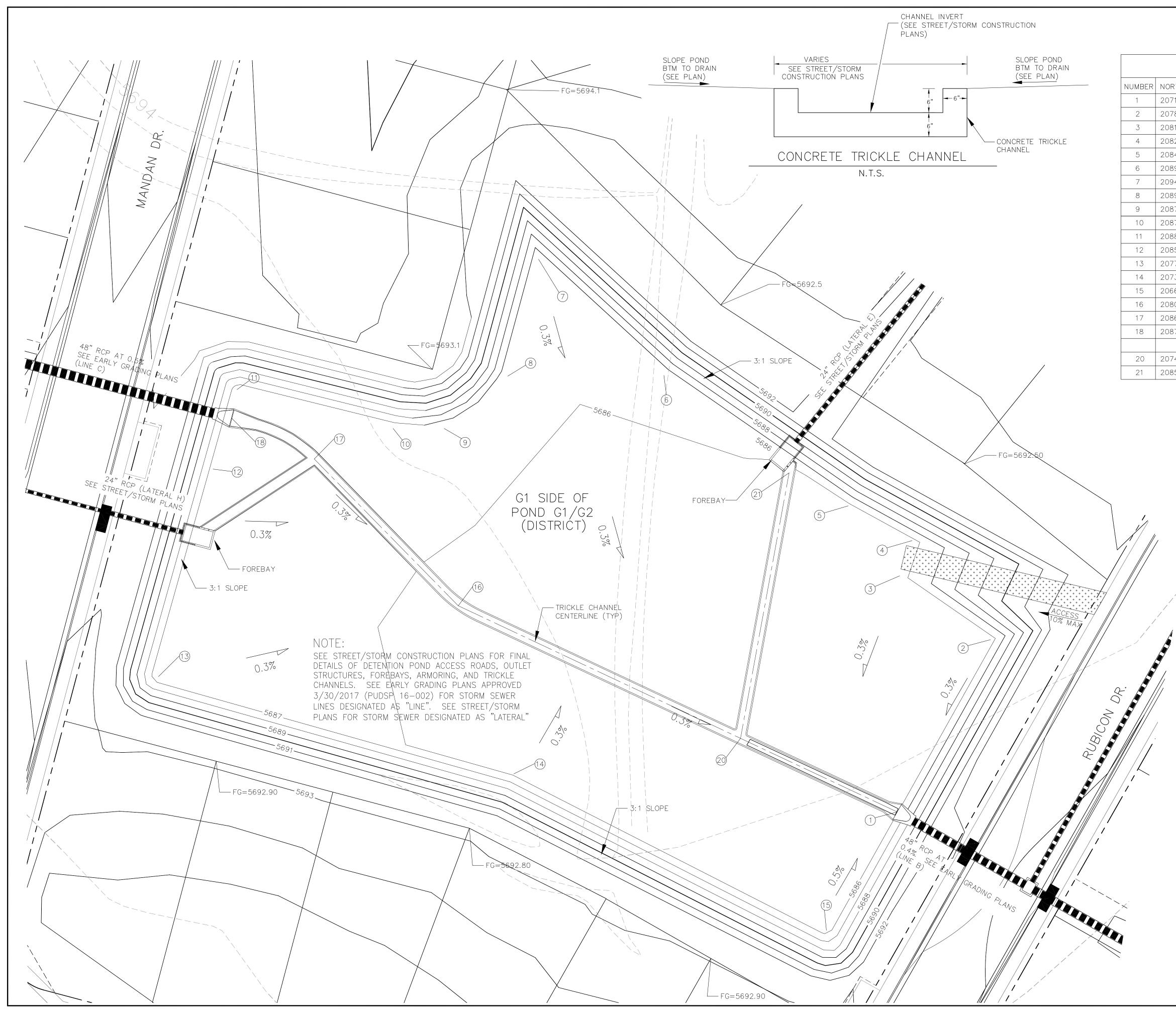




		POINT	TABLE			POINT TABLE
	NUMBER	NORTHING	EASTING	ELEVATION	NOTES	NUMBER NORTHING EASTING ELEVATION NOTES
	1	20426.91	20695.07	5683.00	POND BOTTOM	10 20358.26 20684.49 5683.00 POND BOTTOM
	2	20435.42	20580.07	5683.19	POND BOTTOM	
	3	20508.55	20484.61	5683.80	POND BOTTOM	
	4	20562.75 20556.24	20440.18 20428.64	5684.00 5684.00	POND BOTTOM POND BOTTOM	
	6	20338.24	20428.84	5684.00	POND BOTTOM	
						16 20558.92 20432.02 5683.55 INVERT 48" RCP
	9	20360.30	20583.01	5683.00	POND BOTTOM	
G=5691.5	18" RCP (U SEE STREE	LATERAL C) ET/STORM PL	ANS		SIMCOE	DR.
3			3:1 SLOPE		5 ₆₉₃ FG=5692.3	FG=5692.1
	- CONCRETE TRICKLE CHANNEL			5692 5690 5686 5686		FG=5692.3
				2	5683	OUTLET STRUCTURE
	4:1 SLC	DPE		9		$\begin{array}{c c c c c c c c c c c c c c c c c c c $
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						5690
						FG=5692.2
						5689 5689 SCALE: 1":

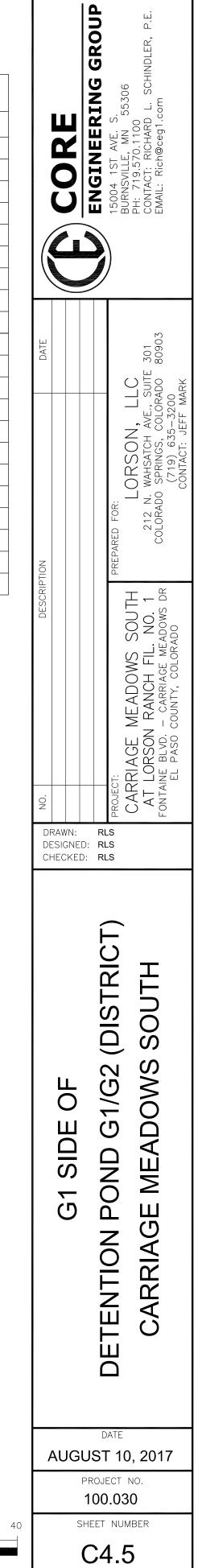






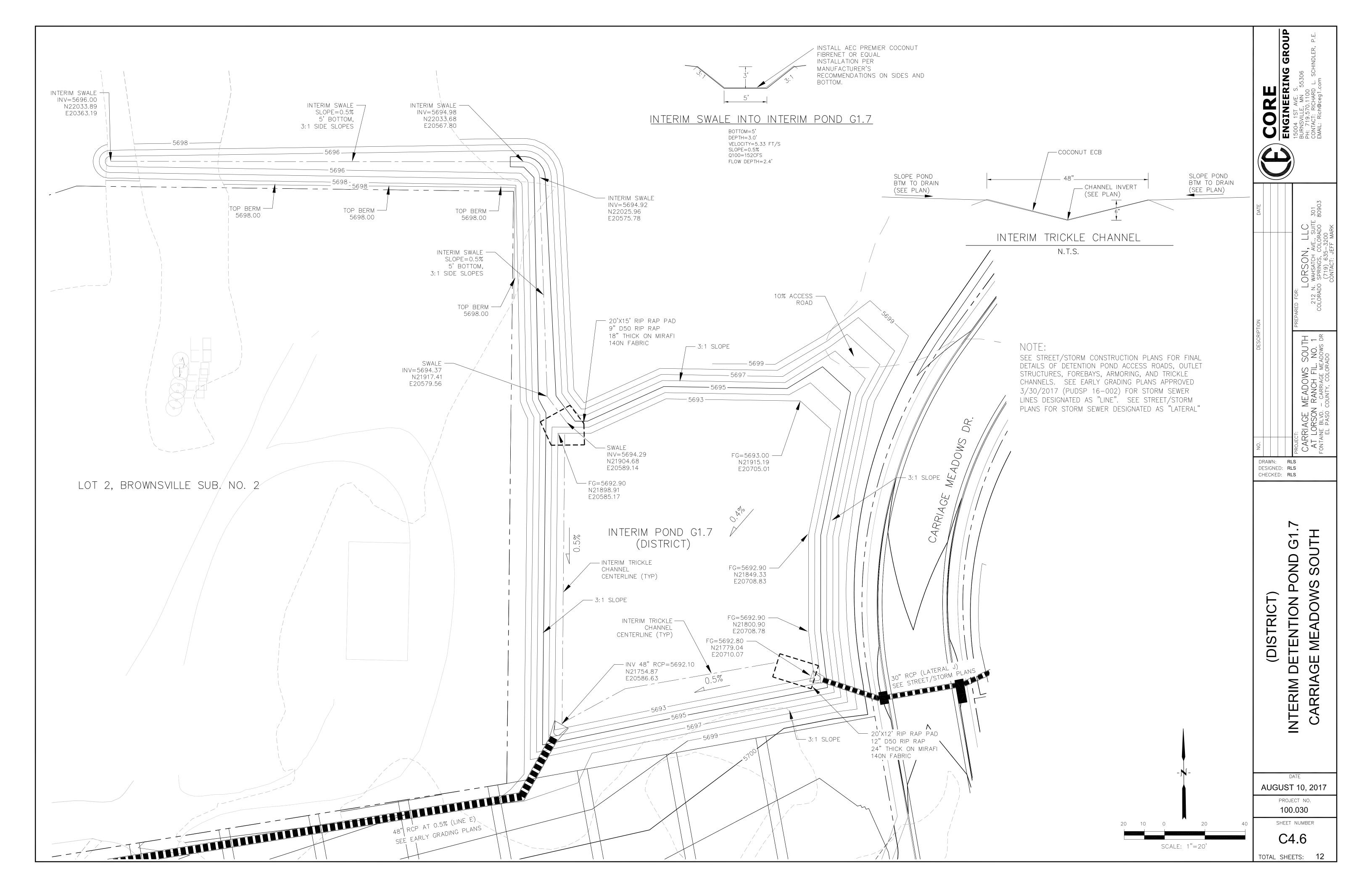
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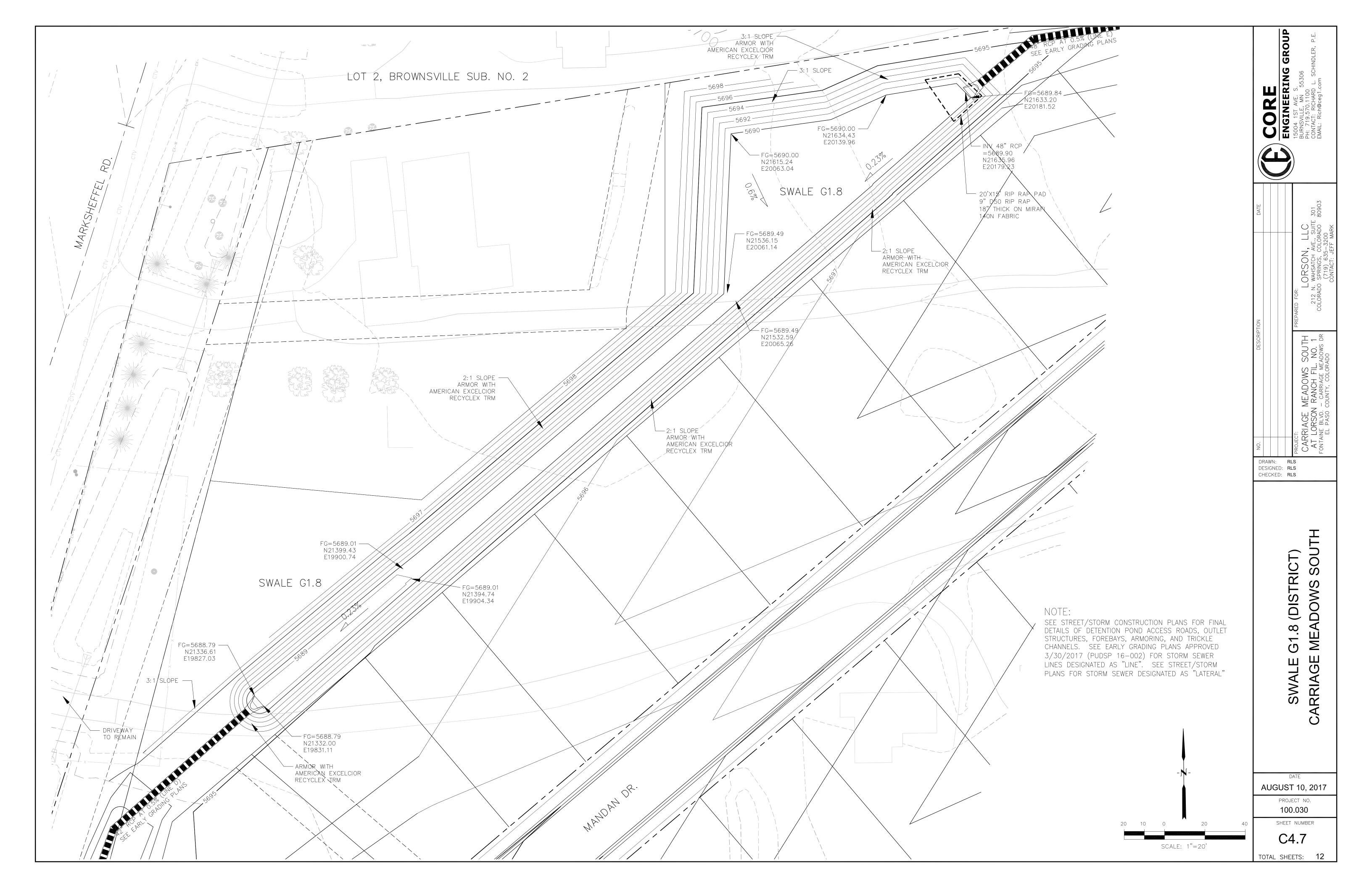
POINT	TABLE		
RTHING	EASTING	ELEVATION	NOTES
714.71	20158.47	5684.80	INV 48" RCP (LINE B)
786.15	20197.19	5685.54	POND BOTTOM
812.62	20159.51	5685.65	POND BOTTOM
827.21	20164.67	5685.70	POND BOTTOM
841.64	20138.20	5685.74	POND BOTTOM
895.71	20061.76	5686.10	POND BOTTOM
943.87	20009.80	5686.20	POND BOTTOM
895.38	19997.02	5686.11	POND BOTTOM
873.70	19970.67	5686.17	POND BOTTOM
873.69	19949.53	5686.21	POND BOTTOM
889.83	19884.81	5686.30	POND BOTTOM
856.85	19874.86	5686.55	POND BOTTOM
770.85	19852.26	5686.28	POND BOTTOM
730.51	19999.53	5685.88	POND BOTTOM
665.63	20129.13	5685.60	POND BOTTOM
800.21	19976.50	5685.40	TRICKLE CHANNEL INVERT
861.06	19916.81	5685.66	TRICKLE CHANNEL INVERT
878.04	19882.51	5685.80	INV 48" RCP (LINE C)
745.23	20093.52	568501	TRICKLE CHANNEL INVERT
855.30	20113.66	5685.45	TRICKLE CHANNEL INVERT

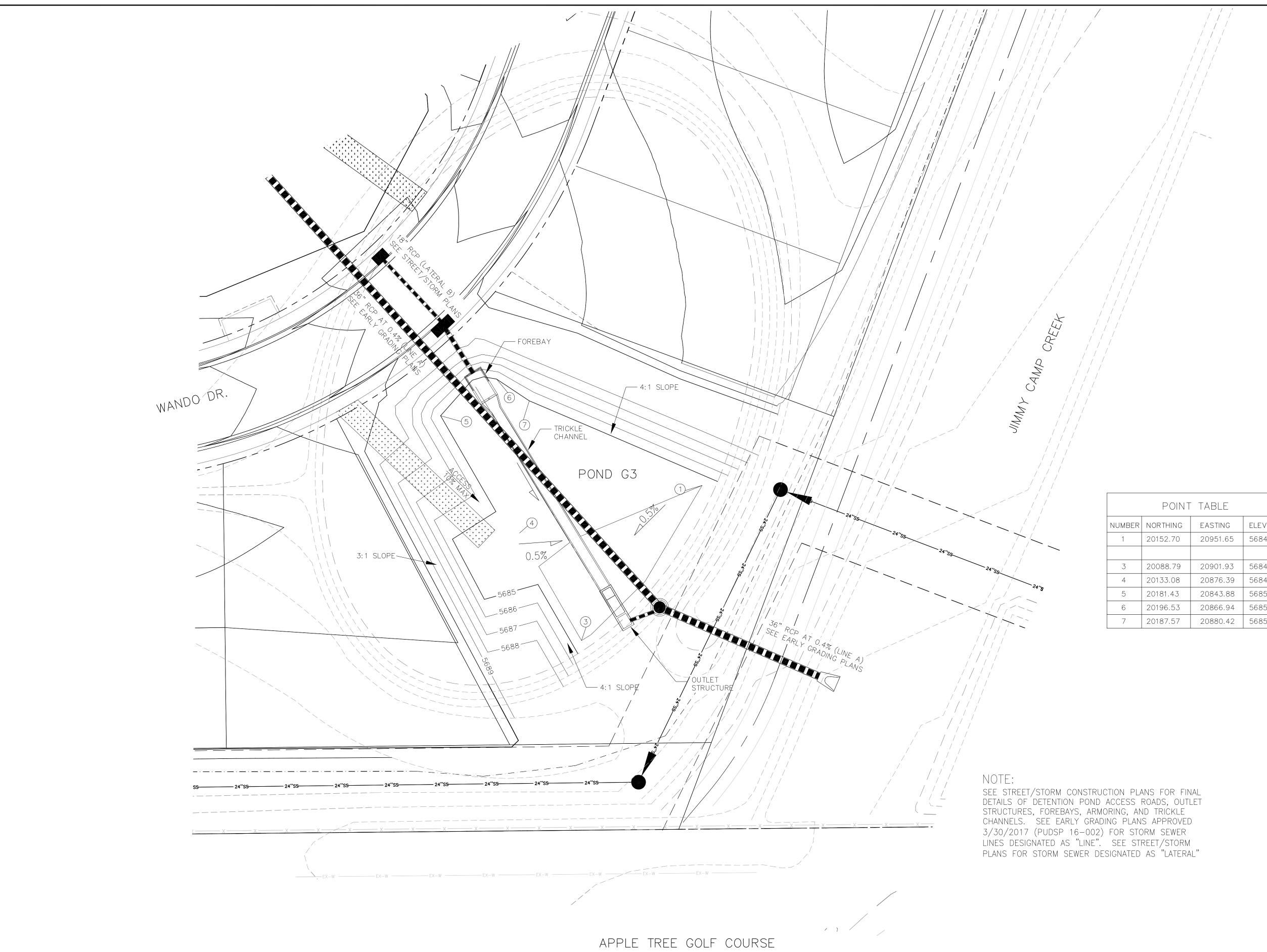


TOTAL SHEETS: 12

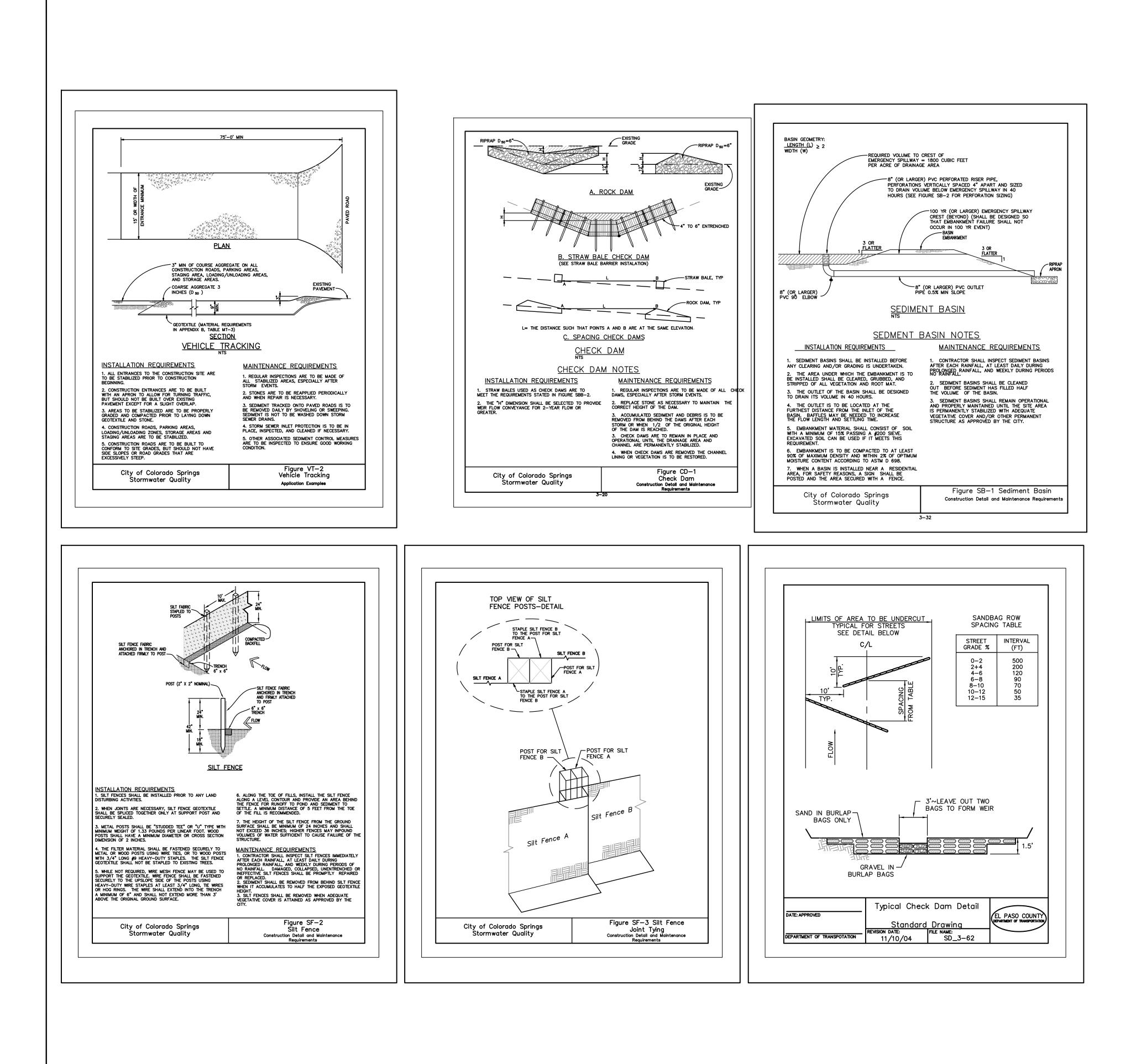
SCALE: 1"=20'







		CORE	ENGINEERING GROUP 15004 1ST AVE. S. BURNSVILLE, MN 55306 PH: 719.570.1100 CONTACT: RICHARD L. SCHINDLER, P.E. EMAIL: Rich@ceg1.com
		DESCRIPTION DATE	T: RIAGE MEADOWS SOUTH LORSON RANCH FIL. NO. 1 NE BLVD. – CARRIAGE MEADOWS DR NE BLVD. – CARRIAGE MEADOWS DR COLORADO SPRINGS, COLORADO 80903 (719) 635–3200 CONTACT: JEFF MARK
EVATION 84 84 84.20 85 85 85	NOTES POND BOTTOM POND BOTTOM POND BOTTOM POND BOTTOM POND BOTTOM POND BOTTOM	DRAWN: DESIGNE CHECKE	CARRIAGE M AT LORSON F FONTAINE BLVD EL PASO CO
			DETENTION BOND G3 (DISTRICT DATE DATE DATE DATE DATE DATE DATE DAT
	20 10 0 20 40 SCALE: 1"=20'		SHEET NUMBER C4.8 SHEETS: 12



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SIDEOATS GRAMA	EL
GRASS MIX FOR SANDY SOILS:	
GRASS	VA
SIDEOATS GRAMA	EL
WESTERN WHEAT GRASS SLENDER WHEAT GRASS	BA NA
LITTLE BLUESTEM SAND DROPSEED	PA NA
SWITCH GRASS	NE
WEEPING LOVE GRASS	MC
GRASS MIX FOR HEAVIER SOIL AREAS:	
GRASS	<u>VA</u>
WESTERN WHEAT GRASS SIDEOATS GRAMA	BA EL
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