

N:\118330\DRAWINGS\CONSTRUCTION\GRAVING-EROSION\01-118330-TITLE.dwg, 11/6/2023 4:12:32 PM, 1:1

GENERAL CONSTRUCTION NOTES:

- THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND MAY NOT INCLUDE ALL UTILITIES. THE EXCAVATION CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATED AND PRESERVE ANY AND ALL UTILITIES.
- BEFORE COMMENCING ANY EXCAVATION, CALL 1-800-922-1987 FOR EXISTING UTILITY LOCATIONS.
- THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- ALL BACKFILL, SUB-BASE AND/OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEER'S RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD).
- ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE CENTERLINE UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS AS SOON AS POSSIBLE AND EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED IN A FUNCTIONAL MANNER AT ALL TIMES. DEVELOPER RESPONSIBLE FOR MAINTAINING DISTURBED AREAS UNTIL REVEGETATION IS COMPLETE.
- ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC ECM APPENDIX K - 1.2C.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- BUILDING CONTRACTORS WILL BE RESPONSIBLE FOR CONSTRUCTING POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
- ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED) FOR ROADS SHALL BE PER DESIGN REPORT BY OWNER'S GEOTECHNICAL ENGINEER. OWNER'S 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 PLANNING AND COMMUNITY DEVELOPMENT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS WITHIN 21 DAYS OF SUBSTANTIAL GRADING COMPLETION. EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED IN A FUNCTIONAL MANNER AT ALL TIMES. DEVELOPER IS RESPONSIBLE FOR MAINTAINING DISTURBED AREAS UNTIL REVEGETATION IS COMPLETE.
- TYPE M RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MIRAFI 180N OR EQUAL MAY BE SUBSTITUTED WHERE TYPE L RIP-RAP WITH MIRAFI FW 700 OR EQUAL IS SPECIFIED
- ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS.
- LOCATION OF THE CONCRETE WASHOUT, STORAGE FOR MAINTENANCE EQUIPMENT AND TEMPORARY DISPOSAL AREAS WILL BE ADDED TO THIS PLAN BY SWMP ADMINISTRATOR UPON COORDINATION WITH SELECTED CONTRACTOR.

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS:

- 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.
- 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).
- 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:
 - EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 - COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - CDOT M & S STANDARDS
- 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.
- 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.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- 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.
- 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.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
- 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.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
- 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.
- SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS AND MUTCD CRITERIA.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- 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.

SIGNING AND STRIPING NOTES:

- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MATERIAL SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
- ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
- ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
- STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
- ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
- ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS."
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.
- ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
- THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
- THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

BENCHMARKS:

- EAST 1/16TH CORNER OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPLE MERIDIAN LOCATED AT SOUTHEAST CORNER OF VOLLMER ROAD AND POOO ROAD APPROXIMATELY 50 FEET SOUTH OF THE CENTERLINE OF POOO ROAD. ELEVATION = 7211.95
- THE SOUTH LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPLE MERIDIAN, BEING MONUMENTED AT THE WEST END WHICH IS THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 28, BY A 3-1/4" ALUMINUM SURVEYORS CAP STAMPED "ESI 10376, 2006" AND AT THE EAST END, WHICH IS A 30" WITNESS CORNER TO THE EAST OF THE EAST QUARTER CORNER OF SAID SECTION 28, BY A 3-1/4" ALUMINUM SURVEYORS CAP STAMPED "ESI 10376, 2006", IS ASSUMED TO BEAR N89°08'28"E, A DISTANCE OF 1356.68 FEET.

STERLING RANCH EAST FILING NO. 1

COUNTY OF EL PASO, STATE OF COLORADO

CONSTRUCTION PLANS

AUGUST 2022

(SECTION 33, TOWNSHIP 12 SOUTH, RANGE 65 WEST)

CONSTRUCTION PLAN: SHEET INDEX

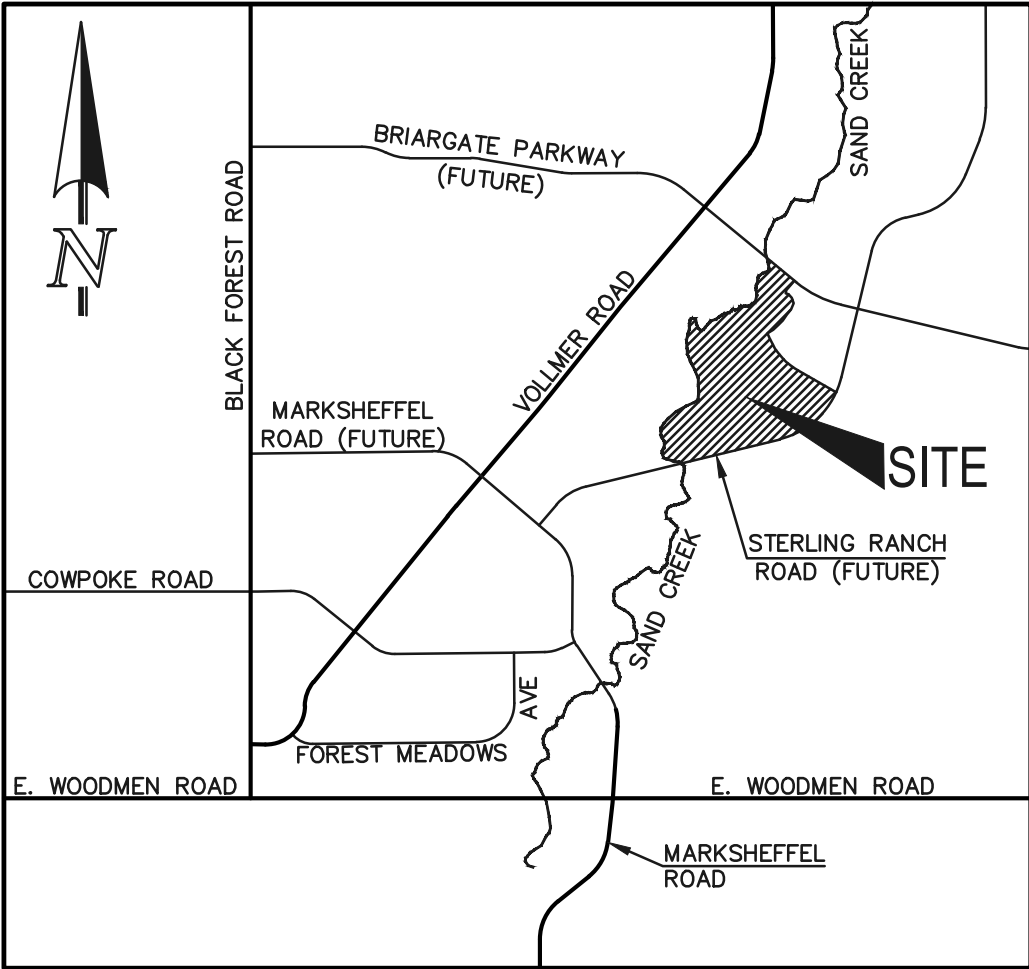
- | | |
|-------------------|--|
| SHEET 1 OF 53 | TITLE SHEET |
| SHEET 2-7 OF 53 | GRADING AND EROSION CONTROL PLAN |
| SHEET 8 OF 53 | GRADING AND EROSION CONTROL PLAN NOTES & DETAIL SHEET |
| SHEET 9 OF 53 | GRADING AND EROSION CONTROL PLAN DETAIL SHEET |
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| SHEET 12 OF 53 | STREET IMPROVEMENT PLAN (WESTMONT DR. STA: 94+00-END) |
| SHEET 13 OF 53 | STREET IMPROVEMENT PLAN (SAN DIEGO WAY STA: 1+00-14+00/KNUCKLE) |
| SHEET 14 OF 53 | STREET IMPROVEMENT PLAN (SAN DIEGO WAY STA: 14+00-END/SANTA CLARA PLACE) |
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| SHEET 17 OF 53 | STREET IMPROVEMENT PLAN (NEWPORT BEACH DR. STA: 6+50-END) |
| SHEET 18 OF 53 | STREET IMPROVEMENT PLAN (LAKE TAHOE DR./PALO ALTO TRAIL) |
| SHEET 19 OF 53 | STREET IMPROVEMENT PLAN (POCATELLO TRAIL/CUL-DE-SAC) |
| SHEET 20-25 OF 53 | PEDESTRIAN RAMP DETAILED GRADING |
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| SHEET 43 OF 53 | POND '14A' FULL SPECTRUM DETENTION |
| SHEET 44 OF 53 | 72" IMPACT STRUCTURE & FOREBAY |
| SHEET 45 OF 53 | 54" IMPACT STRUCTURE & FOREBAY |
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| SHEET 47 OF 53 | POND OUTLET BOX - PROFILE VIEW |
| SHEET 48 OF 53 | POND OUTLET BOX AND MICROPOL DETAILS |
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UTILITY CONSTRUCTION PLAN: SHEET INDEX

- | |
|--|
| TITLE SHEET |
| SANITARY SEWER PLAN - WESTMONT DR. STA: 1+00.00 - 16+00.00 |
| SANITARY SEWER PLAN - WESTMONT DR. STA: 16+00.00-END/SANTA CLARA PL. STA: 1+00.00-END |
| SANITARY SEWER PLAN - PALO ALTO TRL. STA: 1+00.00-END |
| SANITARY SEWER PLAN - SAN DIEGO WAY STA: 1+00.00 - 17+00.00 |
| SANITARY SEWER PLAN - SAN DIEGO WAY STA: 17+00.00-END/POCATELLO TRAIL STA: 1+00.00-END |
| SANITARY SEWER PLAN - LONG BEACH TERR. STA: 1+00.00 - 17+00.00 |
| SANITARY SEWER PLAN - LONG BEACH TERR. STA: 17+00.00-END/NEWPORT BEACH DR. STA: 1+00.00-11+00.00 |
| SANITARY SEWER PLAN - NEWPORT BEACH DR. STA: 11+00.00 - END |
| PUBLIC 8" PVC WATER SYSTEM PLAN |
| UTILITY SERVICE PLAN |
| UTILITY SERVICE PLAN/DETAILS |

NOTE:

THIS PROPERTY IS SUBJECT TO THE FINDINGS, SUMMARY AND CONCLUSIONS OF A SOIL, GEOLOGY & GEOLOGIC HAZARD STUDY PREPARED BY ENTECH ENGINEERING, INC. DATED APRIL 19, 2022.



VICINITY MAP
NOT TO SCALE

AGENCIES:

- | | |
|------------------------------|--|
| DEVELOPER: | CLASSIC SRJ LAND, LLC
2138 FLYING HORSE CLUB DR.
COLORADO SPRINGS, CO 80921
MR. LOREN J. MORELAND (719) 592-9333 |
| CIVIL ENGINEER: | CLASSIC CONSULTING ENGINEERS & SURVEYORS
619 N. CASCADE AVENUE, SUITE 200
COLORADO SPRINGS, CO 80903
MR. KYLE R. CAMPBELL, P.E. (719) 785-2800 |
| COUNTY ENGINEERING: | EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT
2880 INTERNATIONAL CIRCLE, SUITE 110
COLORADO SPRINGS, CO 80910
MR. JEFF RICE, (719) 520-7877 |
| WATER & SANITATION DISTRICT: | STERLING RANCH METROPOLITAN DISTRICT |
| FIRE DISTRICT: | BLACK FOREST FIRE PROTECTION DISTRICT
11445 TEACOUT ROAD
COLORADO SPRINGS, CO 80908
CHIEF BRYAN JACK, (719) 495-4300 |
| GAS COMPANY: | BLACK HILLS ENERGY
37 WIDEFIELD BOULEVARD
WIDEFIELD, COLORADO 80911
MR. GEORGE M. PETERSON, (719) 392-3491 |
| ELECTRIC COMPANY: | MOUNTAIN VIEW ELECTRIC
P.O. BOX 1600
LIMON, COLORADO 80828
MR. LES ULFERS, (719) 495-2283 |
| TELEPHONE COMPANY: | CENTURY LINK COMMUNICATIONS
(LOCATORS) (800)-922-1987
A.T.&T. (LOCATORS) (719) 635-3674 |

APPROVALS:

DESIGN ENGINEER'S STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY DIRECTLY CAUSED BY THE NEGLIGENCE ACTS, ERRORS, OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

KYLE R. CAMPBELL COLORADO P.E. #29794
FOR AND ON THE BEHALF OF CLASSIC CONSULTING ENGINEERS & SURVEYORS

DATE

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE EROSION CONTROL PLAN AND AS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

JIM BOULTON

DATE

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, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2 AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH WITH ECM 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 DIRECTOR'S DISCRETION.

JOSHUA PALMER, P.E.
COUNTY ENGINEER / ECM ADMINISTRATOR

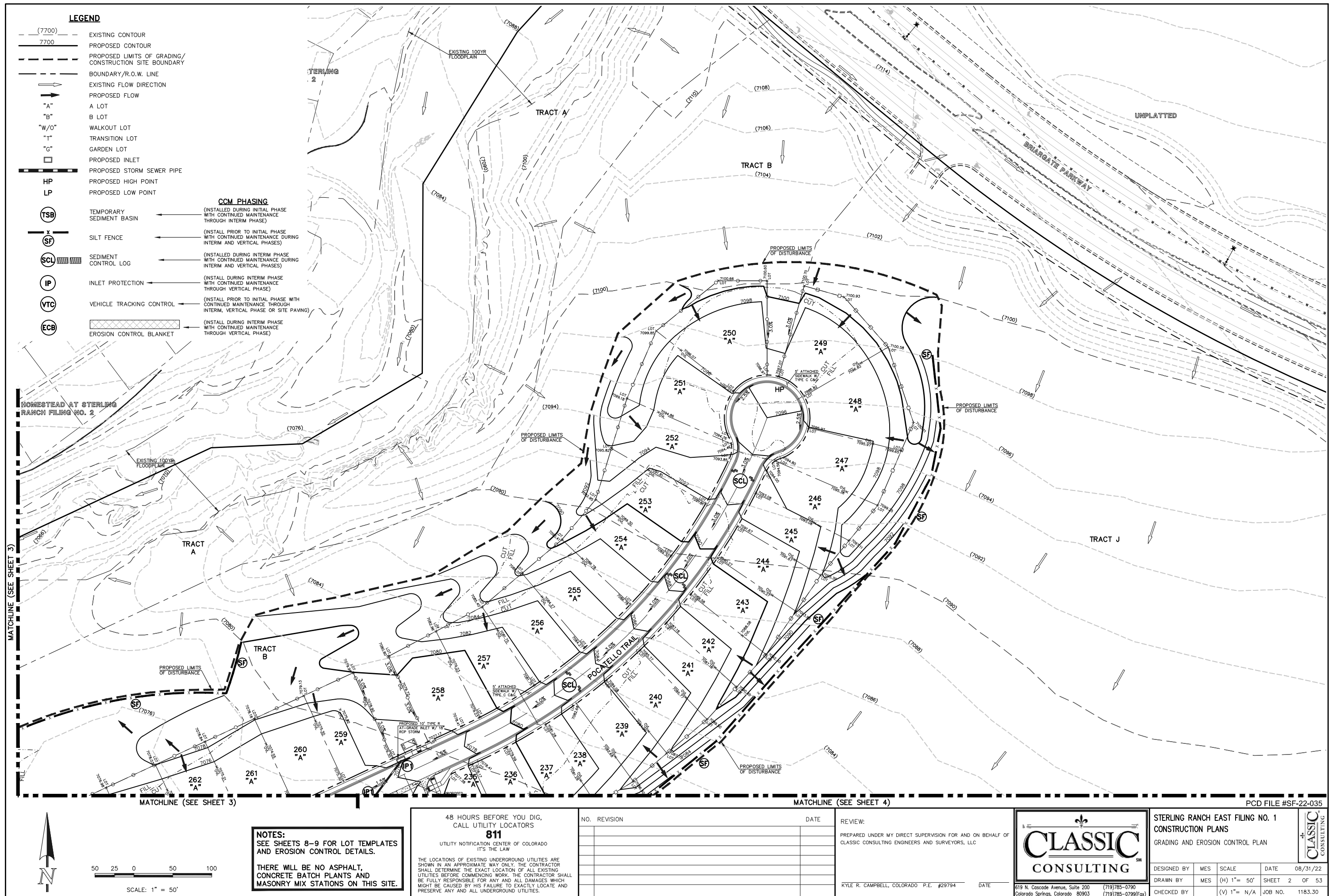
DATE

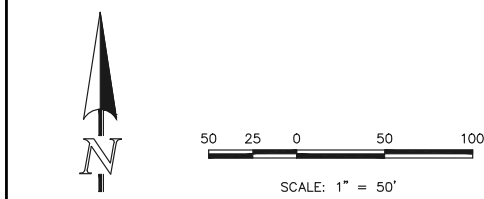
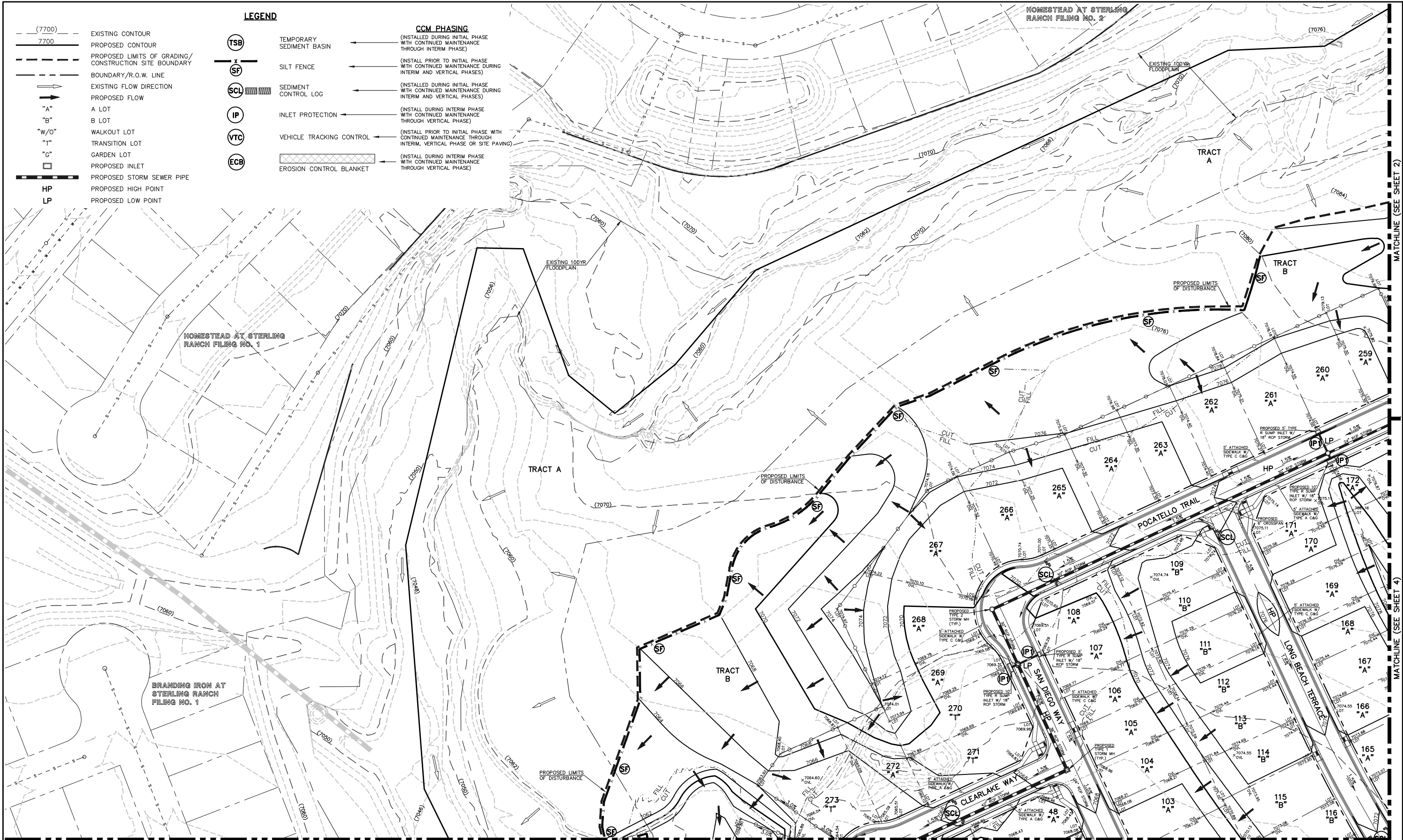
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48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811 UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.	NO. REVISION <table><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>											DATE <table><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>											REVIEW: PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE	<div>STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS TITLE SHEET</div> <table><tbody><tr><td>DESIGNED BY</td><td>MES</td><td>SCALE</td><td>DATE</td><td>08/31/22</td></tr><tr><td>DRAWN BY</td><td>MES</td><td>(H) 1"= 50'</td><td>SHEET</td><td>1 OF 53</td></tr><tr><td>CHECKED BY</td><td>(V)</td><td>1"= N/A</td><td>JOB NO.</td><td>1183.30</td></tr></tbody></table> <div>CLASSIC CONSULTING 619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903 (719)785-0790 (719)785-0799(Fax)</div>	DESIGNED BY	MES	SCALE	DATE	08/31/22	DRAWN BY	MES	(H) 1"= 50'	SHEET	1 OF 53	CHECKED BY	(V)	1"= N/A	JOB NO.	1183.30
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CHECKED BY	(V)	1"= N/A	JOB NO.	1183.30																																			

KEY MAP

SCALE: 1" = 250'





NOTES:
SEE SHEETS 8-9 FOR LOT TEMPLATES
AND EROSION CONTROL DETAILS.

THERE WILL BE NO ASPHALT,
CONCRETE BATCH PLANTS AND
MASONRY MIX STATIONS ON THIS SITE.

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE
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BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH
MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND
PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO. REVISION	DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

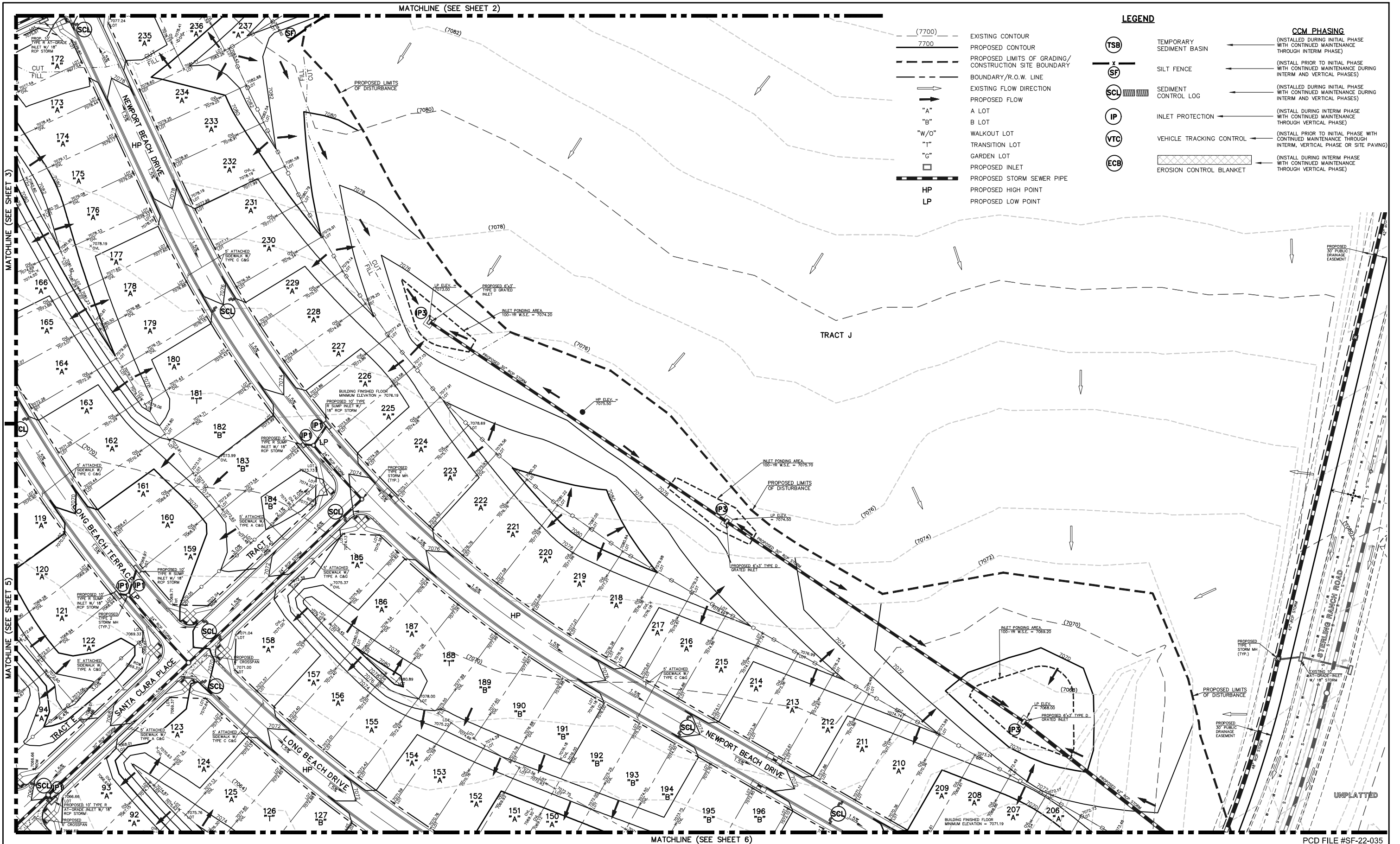
CLASSIC
CONSULTING

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

(719)785-0790
(719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS GRADING AND EROSION CONTROL PLAN			
DESIGNED BY	MES	SCALE	DATE 08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET 3 OF 53
CHECKED BY	(V) 1" = N/A	JOB NO.	1183.30

CLASSIC
CONSULTING



(7700) EXISTING CONTOUR
7700 PROPOSED CONTOUR
--- PROPOSED LIMITS OF GRADING/
CONSTRUCTION SITE BOUNDARY
--- BOUNDARY/R.O.W. LINE
--- EXISTING FLOW DIRECTION
--- PROPOSED FLOW
--- "A" A LOT
--- "B" B LOT
--- "W/O" WALKOUT LOT
--- "T" TRANSITION LOT
--- "G" GARDEN LOT
--- PROPOSED INLET
--- PROPOSED STORM SEWER PIPE
--- HP PROPOSED HIGH POINT
--- LP PROPOSED LOW POINT

LEGEND

(TSB) TEMPORARY SEDIMENT BASIN
--- SF SILT FENCE
--- SCL SEDIMENT CONTROL LOG
--- IP INLET PROTECTION
--- VTC VEHICLE TRACKING CONTROL
--- ECB EROSION CONTROL BLANKET

CCM PHASING

--- (INSTALLED DURING INITIAL PHASE WITH CONTINUED MAINTENANCE THROUGH INTERIM PHASE)
--- (INSTALL PRIOR TO INITIAL PHASE WITH CONTINUED MAINTENANCE DURING INTERIM AND VERTICAL PHASES)
--- (INSTALLED DURING INITIAL PHASE WITH CONTINUED MAINTENANCE DURING INTERIM AND VERTICAL PHASES)
--- (INSTALL DURING INTERIM PHASE WITH CONTINUED MAINTENANCE THROUGH VERTICAL PHASE)
--- (INSTALL PRIOR TO INITIAL PHASE WITH CONTINUED MAINTENANCE THROUGH INTERIM, VERTICAL PHASE OR SITE PAVING)
--- (INSTALL DURING INTERIM PHASE WITH CONTINUED MAINTENANCE THROUGH VERTICAL PHASE)

NOTES:
SEE SHEETS 8-9 FOR LOT TEMPLATES AND EROSION CONTROL DETAILS.

THERE WILL BE NO ASPHALT, CONCRETE BATCH PLANTS AND MASONRY MIX STATIONS ON THIS SITE.

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO.	REVISION	DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

CLASSIC CONSULTING

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

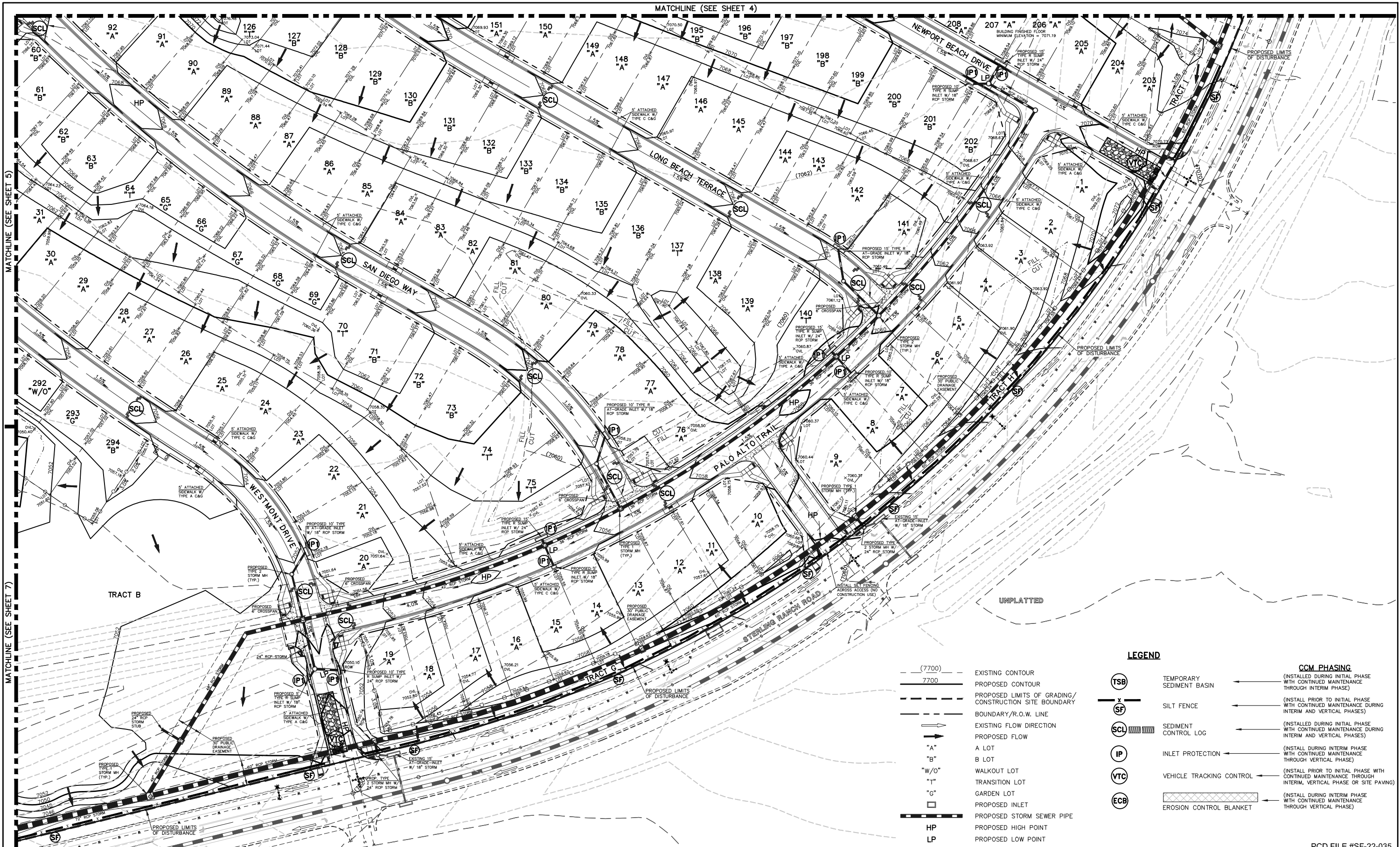
(719) 785-0790
(719) 785-0799 (fax)

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
GRADING AND EROSION CONTROL PLAN

DESIGNED BY	MES	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	4 OF 53
CHECKED BY		(V) 1" = N/A	JOB NO.	1183.30

PCD FILE #SF-22-035

UNPLATTED



LEGEND

- (7700) EXISTING CONTOUR
- 7700 PROPOSED CONTOUR
- PROPOSED LIMITS OF GRADING/CONSTRUCTION SITE BOUNDARY
- BOUNDARY/R.O.W. LINE
- EXISTING FLOW DIRECTION
- PROPOSED FLOW
- "A" A LOT
- "B" B LOT
- "W/O" WALKOUT LOT
- "T" TRANSITION LOT
- "G" GARDEN LOT
- PROPOSED INLET
- PROPOSED STORM SEWER PIPE
- HP PROPOSED HIGH POINT
- LP PROPOSED LOW POINT

- (TSB) TEMPORARY SEDIMENT BASIN
- (SF) SILT FENCE
- (SCL) SEDIMENT CONTROL LOG
- (IP) INLET PROTECTION
- (VTC) VEHICLE TRACKING CONTROL
- (ECB) EROSION CONTROL BLANKET

- CCM PHASING
 - (INSTALLED DURING INITIAL PHASE WITH CONTINUED MAINTENANCE THROUGH INTERIM PHASE)
 - (INSTALL PRIOR TO INITIAL PHASE WITH CONTINUED MAINTENANCE DURING INTERIM AND VERTICAL PHASES)
 - (INSTALLED DURING INITIAL PHASE WITH CONTINUED MAINTENANCE THROUGH INTERIM AND VERTICAL PHASES)
 - (INSTALL DURING INTERIM PHASE WITH CONTINUED MAINTENANCE THROUGH VERTICAL PHASE)
 - (INSTALL PRIOR TO INITIAL PHASE WITH CONTINUED MAINTENANCE THROUGH INTERIM, VERTICAL PHASE OR SITE PAVING)
 - (INSTALL DURING INTERIM PHASE WITH CONTINUED MAINTENANCE THROUGH VERTICAL PHASE)

NOTES:
SEE SHEETS 8-9 FOR LOT TEMPLATES
AND EROSION CONTROL DETAILS.

THERE WILL BE NO ASPHALT,
CONCRETE BATCH PLANTS AND
MASONRY MIX STATIONS ON THIS SITE.

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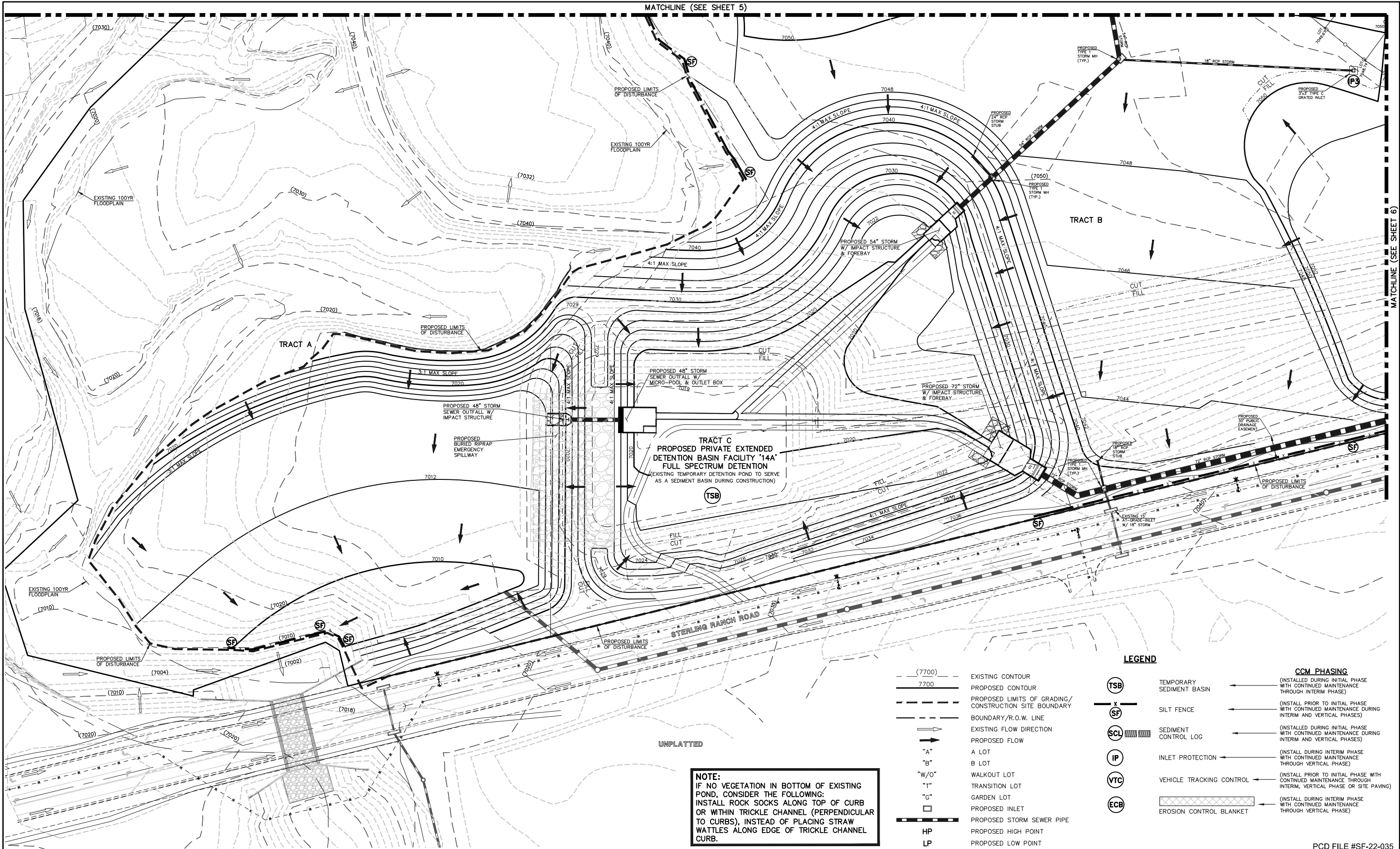
CLASSIC CONSULTING

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

(719)785-0790
(719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS GRADING AND EROSION CONTROL PLAN			
DESIGNED BY	MES	SCALE	DATE 08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET 6 OF 53
CHECKED BY	(V) 1"= N/A	JOB NO.	1183.30

PCD FILE #SF-22-035



NOTE:
IF NO VEGETATION IN BOTTOM OF EXISTING POND, CONSIDER THE FOLLOWING:
INSTALL ROCK SOCKS ALONG TOP OF CURB OR WITHIN TRICKLE CHANNEL (PERPENDICULAR TO CURBS), INSTEAD OF PLACING STRAW WATTLES ALONG EDGE OF TRICKLE CHANNEL CURB.

- (7700) EXISTING CONTOUR
7700 PROPOSED CONTOUR
--- PROPOSED LIMITS OF GRADING/ CONSTRUCTION SITE BOUNDARY
--- BOUNDARY/R.O.W. LINE
--- EXISTING FLOW DIRECTION
--- PROPOSED FLOW
"A" A LOT
"B" B LOT
"W/O" WALKOUT LOT
"T" TRANSITION LOT
"G" GARDEN LOT
[Symbol] PROPOSED INLET
--- PROPOSED STORM SEWER PIPE
HP PROPOSED HIGH POINT
LP PROPOSED LOW POINT

LEGEND

- (TSB) TEMPORARY SEDIMENT BASIN
[Symbol] SILT FENCE
[Symbol] SEDIMENT CONTROL LOG
[Symbol] INLET PROTECTION
[Symbol] VEHICLE TRACKING CONTROL
[Symbol] EROSION CONTROL BLANKET
- CCM PHASING**
(INSTALL DURING INITIAL PHASE WITH CONTINUED MAINTENANCE THROUGH INTERIM PHASE)
(INSTALL PRIOR TO INITIAL PHASE WITH CONTINUED MAINTENANCE DURING INTERIM AND VERTICAL PHASES)
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NOTES:
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DRAWN BY	MES	(H) 1"= 50'	SHEET 7 OF 53
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EL PASO COUNTY GRADING AND EROSION CONTROL NOTES:

- 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.
- 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.
- 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.
- 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 DEC. A PRECONSTRUCTION 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.
- 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.
- 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.
- 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.
- 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.
- ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT AFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. 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.
- 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 MEASURES 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 LOOSENEED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- 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.
- 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 WASHOUTS 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.
- DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WATER 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.
- EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- 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, TRASH, WASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIAL SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- 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.
- TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- 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.
- NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ONSITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- 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 ONSITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- 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 ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, 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 MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- 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.
- THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY ENTECH ENGINEERING, INC. DATED APRIL 19, 2022 AND SHALL BE CONSIDERED A PART OF THESE PLANS.
- AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (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
ATTN: PERMITS UNIT

CONSTRUCTION CONTROL MEASURES NOTES:

- CONTRACTOR TO DETERMINE AREAS USED FOR STAGING, STORAGE OF MATERIALS, SOILS (STOCKPILES) OR WASTES AND SHALL MARK ON THE SITE SWMP AT ALL TIMES. THE USE OF CONSTRUCTION OFFICE TRAILERS REQUIRES PCD PERMITTING.
- THE PROPOSED GRADING/EROSION CONTROL PLAN (SHEETS 2-7) SHOW AND CALL-OUT THE 'INITIAL' AND 'INTERIM' STAGE OF CONSTRUCTION CONTROL MEASURES.
- 'FINAL' CONSTRUCTION CONTROL MEASURES ARE STABILIZED/DEVELOPED LOTS, CONSTRUCTED ROADS, RE-SEEDDED OPEN SPACE, AND CONSTRUCTED DETENTION PONDS. A PLAN IS NOT NEEDED FOR THE FINAL STAGE.

EROSION CONTROL CRITERIA:

EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN A MANNER THAT WILL PROTECT PROPERTIES AND PUBLIC FACILITIES FROM THE ADVERSE EFFECTS OF EROSION AND SEDIMENTATION AS A RESULT OF CONSTRUCTION AND EARTHWORK ACTIVITIES WITHIN THE PROJECT SITE.

- THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NON-EXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- DURING GRADING OPERATIONS, LOCATE AND SET THE STRAW BALE CHECK DAMS AND SILT FENCES AS SHOWN ON THE EROSION CONTROL PLAN. AT THIS TIME RESEED ALL DISTURBED AREAS WITH AN EL PASO COUNTY APPROVED SEED MIX.
- SEEDING APPLICATION: DRILLED TO A DEPTH OF '25" TO '50" INTO SOIL WHERE POSSIBLE. BROADCAST AND RAKED TO COVER ON STEEPER THAN 3:1 SLOPES WHERE ACCESS IS LIMITED OR UNSAFE FOR EQUIPMENT.
- MULCHING REQUIREMENT AND APPLICATION: 1.5 TONS PER ACRE NATIVE HAY MECHANICALLY CRIMPED INTO SOIL.
- THE STRAW BALE CHECK DAMS AND SILT FENCES SHALL BE KEPT IN PLACE AND MAINTAINED UNTIL EROSION AND SEDIMENTATION POTENTIAL IS MITIGATED. REMOVAL OF SILT AND SEDIMENT COLLECTED BY THE STRAW BALES IS REQUIRED ONCE IT REACHES HALF THE HEIGHT OF THE STRAW BALES OR SILT FENCE.
- 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, ON A CASE-BY-CASE BASIS. THE M54 PERMITTEE MAY ALLOW ANOTHER APPROPRIATE BMP TO BE IN PLACE THAT PREVENTS SEDIMENT FROM LEAVING THE SITE. ALL TEMPORARY SORIL EROSION CONTROL MEASURES AND BMPs SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED.
- ALL FACILITIES, VEGETATION AND OTHER ITEMS REQUIRED BY THE APPROVED FINAL GRADING, EROSION CONTROL AND RECLAMATION PLAN SHALL BE PROPERLY MAINTAINED BY THE OWNERS OF THE PROPERTY. SUCH MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO KEEPING ALL EROSION CONTROL FACILITIES IN GOOD ORDER AND FUNCTIONAL, REPAIRING ANY EROSION DAMAGE THAT OCCURS, KEEPING ALL VEGETATION HEALTHY AND IN GROWING CONDITION AND REPLACING ANY DEAD VEGETATION AS SOON AS PRACTICABLE.
- ALL SILT FENCES ARE TO BE REGULARLY INSPECTED AND REPAIRED AS NEEDED.
- THE CONTRACTOR SHALL PROVIDE VEHICLE TRACKING CONTROL FACILITIES FOR EACH ENTRANCE/EXIT TO THE SITE. THE CONTRACTOR SHALL SUBMIT A PLAN WHICH WILL ASSURE USAGE OF THIS FACILITY BY ALL VEHICLES LEAVING THE SITE.
- EROSION CONTROL MEASURES SHALL BE CHECKED AFTER EACH STORM EVENT AND REPAIRED WHEN NECESSARY.
- CONTRACTOR SHALL MAINTAIN ALL TEMPORARY EROSION CONTROL FACILITIES IN GOOD WORKING ORDER UNTIL SUCH TIME AS PERMANENT FACILITIES ARE IN PLACE AND THE CONSTRUCTION MANAGER HAS APPROVED THEIR REMOVAL.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- THE EROSION CONTROL MEASURES OUTLINED ON THE PLAN ARE THE RESPONSIBILITY OF THE DEVELOPER TO MONITOR AND REPLACE, REGRADE AND REBUILD AS NECESSARY UNTIL VEGETATION IS ESTABLISHED.
- MAXIMUM ACREAGE OPEN AT ANY GIVEN TIME IS TO BE 30 ACRES.

SEEDING GUIDELINES:

1. SEEDBED PREPARATION

THE SEEDBED SHOULD BE WELL-SETTLED AND FIRM, BUT FRIABLE ENOUGH THAT THE SEED CAN BE PLACED AT THE SPECIFIED DEPTHS. COMPETITIVE STANDS OF WEEDS THAT ARE PRESENT BEFORE SEEDING MUST BE CONTROLLED BY SHALLOW TILLAGE OR BY APPLICATION OF HERBICIDES. SOILS THAT HAVE BEEN OVER-COMPACTED BY TRAFFIC OR EQUIPMENT, ESPECIALLY WHEN WET, SHOULD BE TILLED TO BREAK UP ROOTING-RESTRICTIVE LAYERS, THAN HARROWED, ROLLED, OR PACKED TO PREPARE THE REQUIRED FIRM SEEDBED.

2. FERTILIZER

FERTILIZER SHOULD BE APPLIED AT A RATE OF 50 POUNDS OF AVAIL-ABLE NITROGEN PER ACRE AND 40 POUNDS OF AVAILABLE PHOSPHATE PER ACRE. THE TIME OF APPLICATION SHOULD BE IMMEDIATELY PRIOR TO SEEDING, AT THE TIME OF SEEDING, OR IMMEDIATELY FOL-LOWING SEEDING, DEPENDING ON THE KIND OF FERTILIZER AND TYPE OF EQUIPMENT USED.

3. SEEDING

SEED SHOULD BE PLANTED WITH A GRASS DRILL ON ALL SLOPES OF 3:1 (3:1) OR FLATTER. SEED MAY BE BROADCAST BY HAND, BY MECHANICAL SPREADER, OR BY HYDRAULIC EQUIPMENT ON AREAS THAT ARE SMALL, TOO STEEP, OR NOT ACCESSIBLE FOR SEED DRILL OPERATIONS. SEED PLANTED WITH A DRILL SHOULD BE COVERED WITH SOIL TO A DEPTH OF 1/4 TO 3/4 INCH. SEED PLANTED BY THE BROADCAST METHOD SHALL BE INCORPORATED INTO THE SOIL SURFACE, NOT TO EXCEED A DEPTH OF 3/4 INCH, BY RAKING, HARROWING, OR OTHER PROVEN METHOD. THE TIME OF SEEDING IS FROM OCTOBER 15TH - MAY 31ST. SEED PLANTED IN THE LATE FALL WILL REMAIN DORMANT UNTIL SPRING, WHEN IT WILL GERMINATE.

4. MULCHING

SEEDDED AREAS SHOULD BE MULCHED TO CONSERVE MOISTURE; PREVENT SURFACE COMPACTION OR CRUSTING; REDUCE RUNOFF AND EROSION; CONTROL INSECTS; AND HELP ESTABLISH PLANT COVER.

NATIVE HAY OR STRAW SHOULD BE APPLIED AT A RATE OF 4,000 POUNDS PER ACRE AND CRIMPED INTO THE GROUND. ON SLOPES GREATER THAN 3:1, AN AGRONOMY BLANKET SHOULD BE USED.

5. SUPPLEMENTAL WATER

IN LOW RAINFALL AREAS, WHERE WATER IS AVAILABLE AND WHERE RAPID ESTABLISHMENT IS NEEDED, IRRIGATION OF NEW SEEDING SHOULD BE PERFORMED DURING THE FIRST GROWING SEASON. WATER SHOULD BE APPLIED AT APPROXIMATELY ONE WEEK INTERVALS, AT A RATE OF 3/4 TO 1 INCH PER APPLICATION, WHEN RAINFALL IS DEFICIENT FOR PLANT DEVELOPMENT.

NOTES:

AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB 1 ACRE OR MORE, THE OWNER OR OPERATOR OF THE 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
ATTN: PERMITS UNIT

PORTIONS OF THE STERLING RANCH EAST FILING NO. 1 ARE LOCATED WITHIN A FLOODPLAIN AS DETERMINED BY THE FLOOD INSURANCE RATE MAPS (F.I.R.M.) MAP NUMBERS 08041C 0535G, EFFECTIVE DATE, DECEMBER 7, 2018 AND A LOMR 08-08-0541P WITH AN EFFECTIVE DATE OF JULY 23, 2009. THE PORTION WITHIN THE FLOODPLAIN IS ENTIRELY WITHIN TRACT A - SAND CREEK REACH SC-B CHANNEL IMPROVEMENTS AND NOT WITHIN THE DEVELOPMENT AREA OF FILING NO. 1.

THE AVERAGE SOIL CONDITION REFLECTS HYDROLOGIC SOIL GROUP "A", BLAKELAND LOAMY SAND AND COLUMBINE GRAVELLY SANDY LOAM AS DETERMINED BY THE "SOIL SURVEY OF EL PASO COUNTY AREA" PREPARED BY THE U.S. SOIL CONSERVATION SERVICE.

EXISTING VEGETATION CONSISTS OF NATIVE GRASSES.

EMERGENCY OVERFLOW SWALES FOR INLETS IN THE INTERIM UNTIL CURB AND ASPHALT IS INSTALLED WILL BE THE LOTS, FINAL WILL BE TO OVERTOP THE HIGH POINT IN ROADWAY TO THE NEXT AVAILABLE INLET OR TO PROPOSED POND.

STOCKPILE LOCATIONS FOR HOMEBUILDING TO BE ON EACH INDIVIDUAL LOT THAT IS BEING BUILT UPON.

LIMITS OF DISTURBANCE FOR THIS PLAN INCLUDE UTILITY INSTALLATION AND ROADWAY CONSTRUCTION WITHIN THE R.O.W., AND OVERLOT GRADING FOR DEVELOPMENT THEN INDIVIDUAL LOTS FOR HOMEBUILDING ONCE CONSTRUCTION OF THE HOME BEGINS.

GRADING WITHIN THIS PHASE WILL BE FULLY DEVELOPED WITH HOME BUILDING OPERATIONS.

LOCATION OF THE CONCRETE WASHOUT, STORAGE FOR MAINTENANCE EQUIPMENT AND TEMPORARY DISPOSAL AREAS WILL BE ADDED TO THIS PLAN BY SWMP ADMINISTRATOR UPON COORDINATION WITH SELECTED CONTRACTOR.

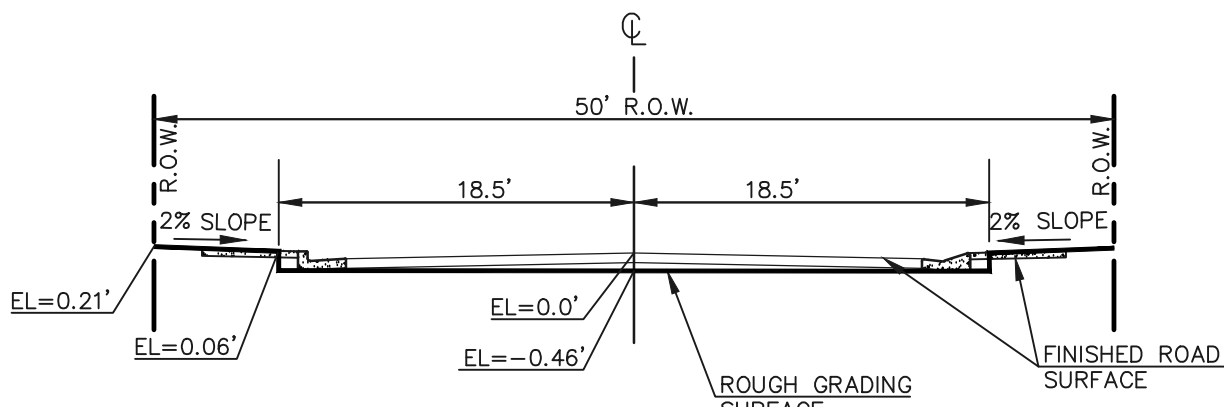
ALL AREAS ARE TO BE RESEEDDED OUTSIDE OF THE FILING NO. 1 AREA. RESEED ALL AREAS AS NEEDED TO PREVENT EROSION AND SEDIMENT RUNOFF ONTO CONSTRUCTION ACTIVITIES.

ALL TEST HOLES TO BE MONITORED IN SPRING/SUMMER TO DETERMINE SUBSURFACE WATER LEVELS. ADDITIONAL REPORTS TO BE PROVIDED TO THE COUNTY ONCE ACCEPTABLE.

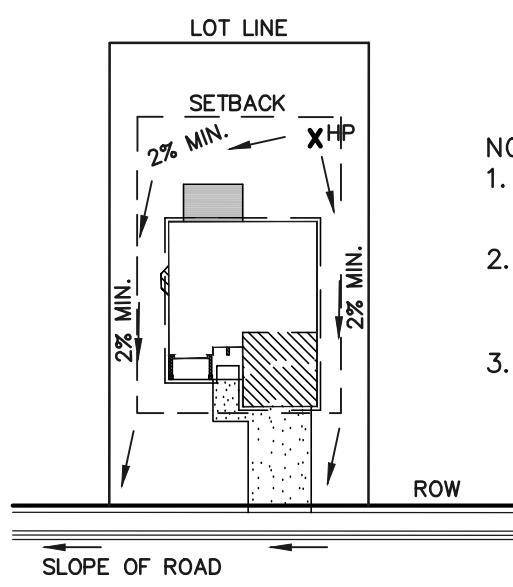
SCHEDULE OF ANTICIPATED CONSTRUCTION ACTIVITY:

- INSTALL INITIAL BMP'S
- INSPECTION OF INTIAL BMP'S BY COUNTY STAFF
- PRECONSTRUCTION MEETING WITH COUNTY STAFF

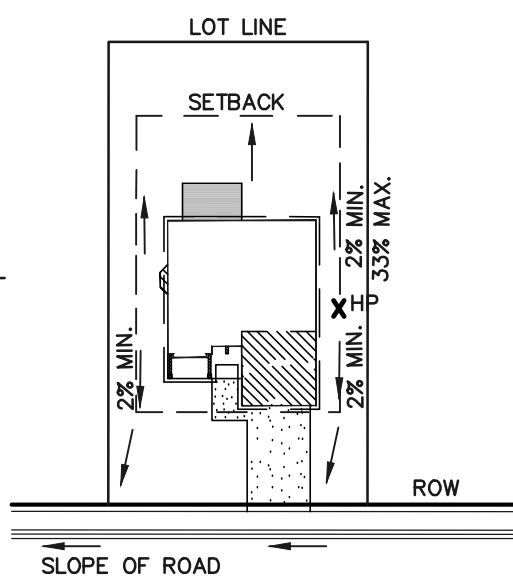
BEGIN CONSTRUCTION UPON APPROVAL	ACTIVITY ALL SITE ROADWAY GRADING AND UTILITY INSTALLATION	COMPLETION 6 MONTHS	EROSION CONTROL ALL SHOWN ON GRADING PLAN
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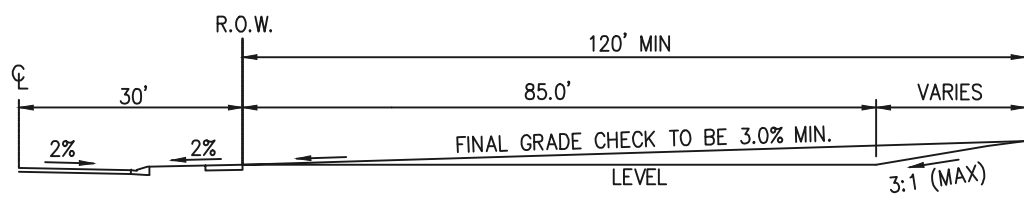
50' R.O.W. TYPICAL STREET SECTION
HOLD-DOWN OVERLOT GRADING IN ROADWAYS
SCALE 1" = 10'



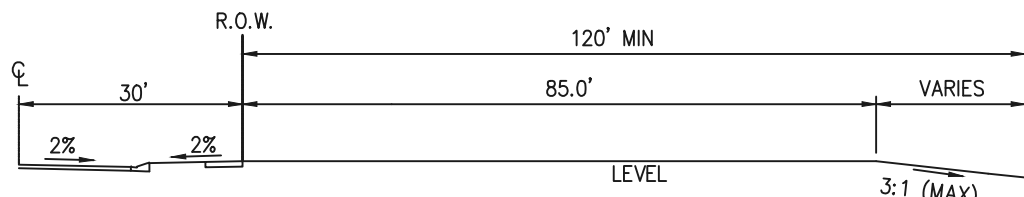
TYPICAL "A" LOT
DRAINAGE PATTERN
N.T.S.



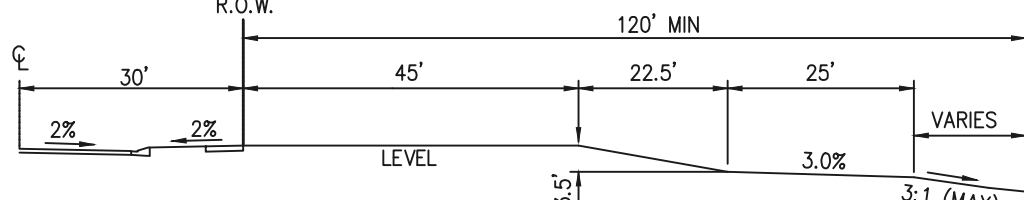
TYPICAL "B", "C," "W/O" LOT
DRAINAGE PATTERN
N.T.S.



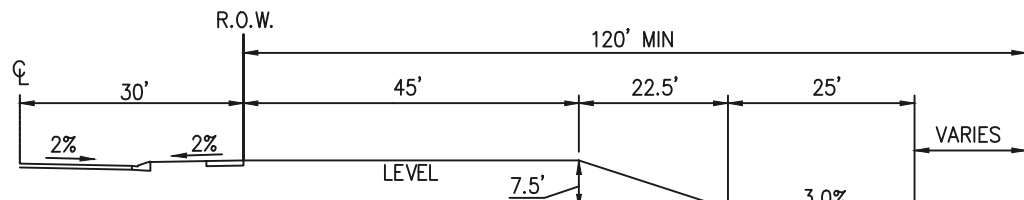
TYPICAL A LOT
NOT TO SCALE



TYPICAL B LOT
NOT TO SCALE



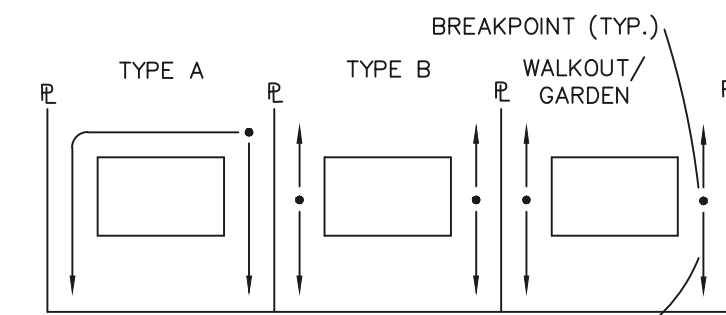
TYPICAL GARDEN (G) LOT
NOT TO SCALE



TYPICAL WALKOUT (W/O) LOT
NOT TO SCALE

NOTE:

"T" LOTS OR "TRANSITION" LOTS OCCUR IN PLACES WHERE BOTH PROPERTY LINES CANNOT BE GRADED AS THE TYPICAL STANDARD LOT TEMPLATES SHOWN. THESE LOTS WILL STILL BE GRADED TO CREATE POSITIVE DRAINAGE AWAY FROM THE STRUCTURE.



LOT DRAINAGE TYPES

NOTE:

SIDE LOT LINE SWALES ARE REQUIRED FOR ALL LOTS.

- MINIMUM LOT WIDTH ALONG SLOPE IS 70'.
- RIPRAP OR CONCRETE "V" NOTCH SWALES TO BE INSTALLED ALONG SHARED PROPERTY & WITHIN SIDE LOT EASEMENTS. SWALES TO DISCHARGE ONTO ROADWAY.

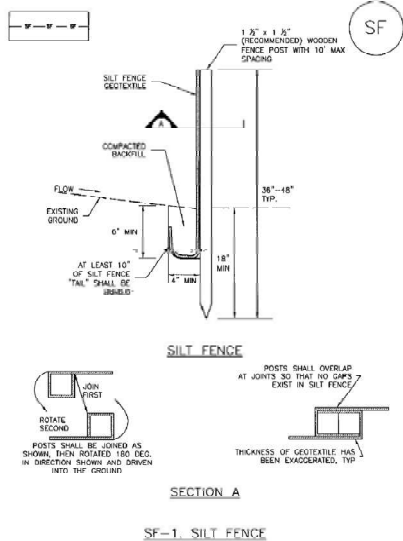
"A" LOTS
W/SLOPE BEHIND
DRAINAGE PATTERN
N.T.S.

PCD FILE #SF-22-035

48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811 UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW	NO. REVISION	DATE	REVIEW: PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE	<div>STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS GRADING AND EROSION CONTROL PLAN NOTES & DETAIL SHEET</div> <div>DESIGNED BY MES SCALE DATE 08/31/22 DRAWN BY MES (H) 1"= N/A SHEET 8 OF 53 CHECKED BY (V) 1"= N/A JOB NO. 1183.30</div>
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.				<div>CLASSIC CONSULTING</div> <div>619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903</div> <div>(719)785-0790 (719)785-0799(Fax)</div>

Silt Fence (SF)

SC-1



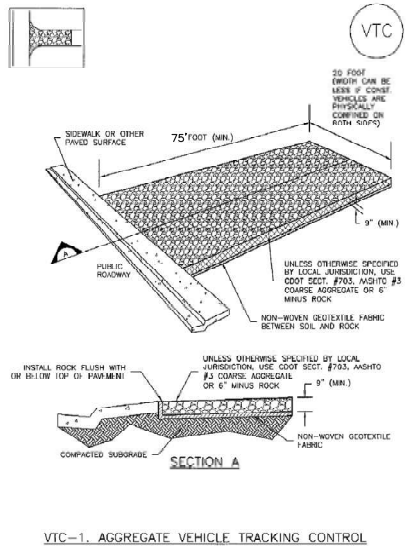
November 2010

Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3

SF-3

Vehicle Tracking Control (VTC)

SM-4



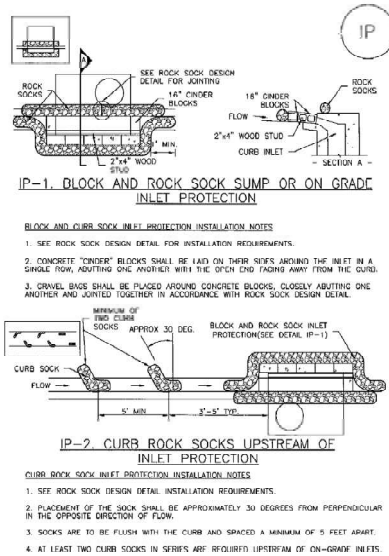
November 2010

Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3

VTC-3

SC-6

Inlet Protection (IP)



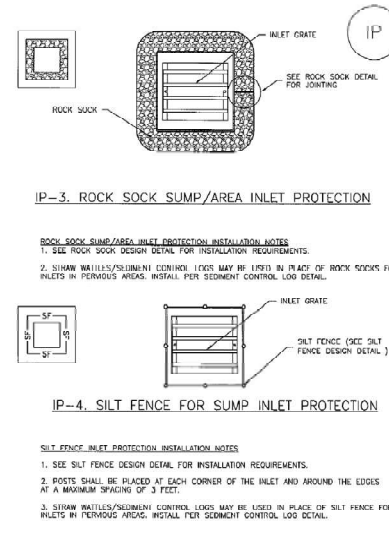
IP-4

Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3

August 2013

Inlet Protection (IP)

SC-6



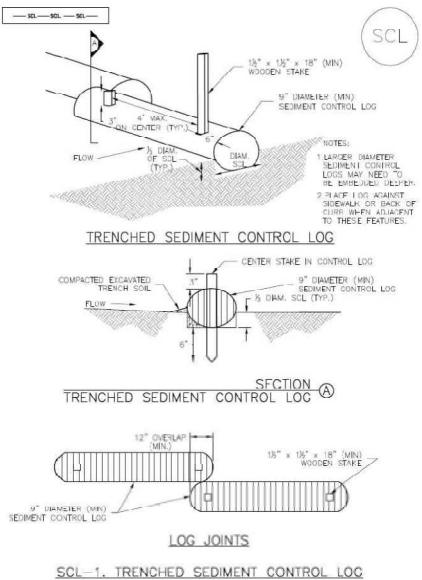
August 2013

Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3

IP-5

Sediment Control Log (SCL)

SC-2



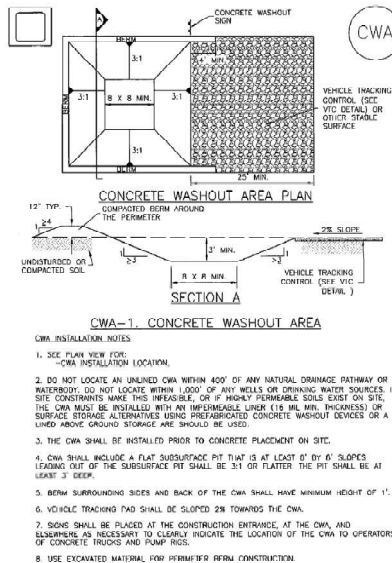
November 2013

Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3

SCL-3

Concrete Washout Area (CWA)

MM-1



November 2010

Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3

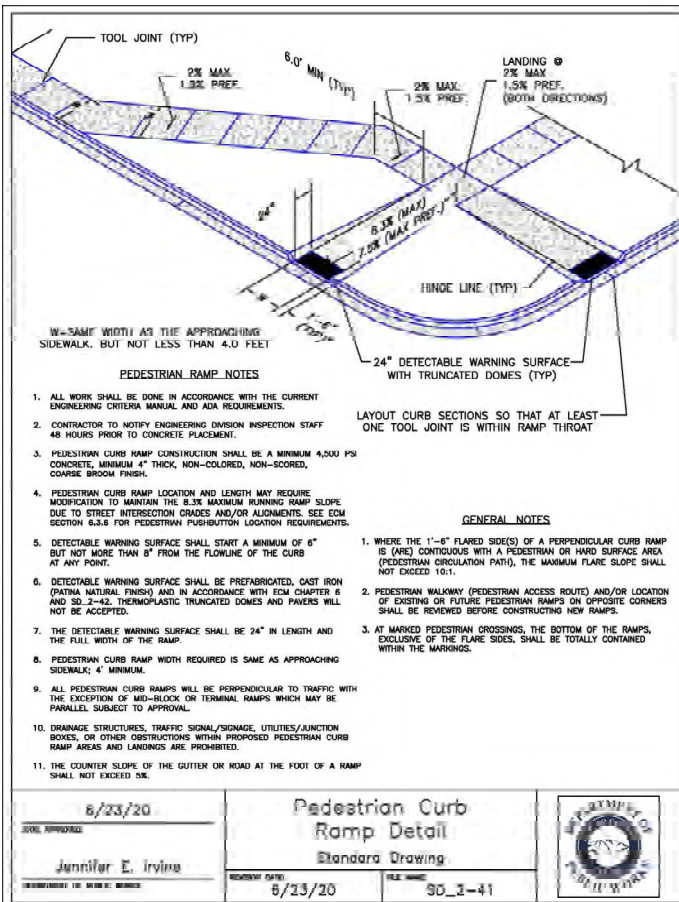
CWA-3

MM-1

Concrete Washout Area (CWA)

CWA MAINTENANCE NOTES

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



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NO. REVISION

DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794

DATE

CLASSIC CONSULTING

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

(719)785-0790

(719)785-0799(fax)

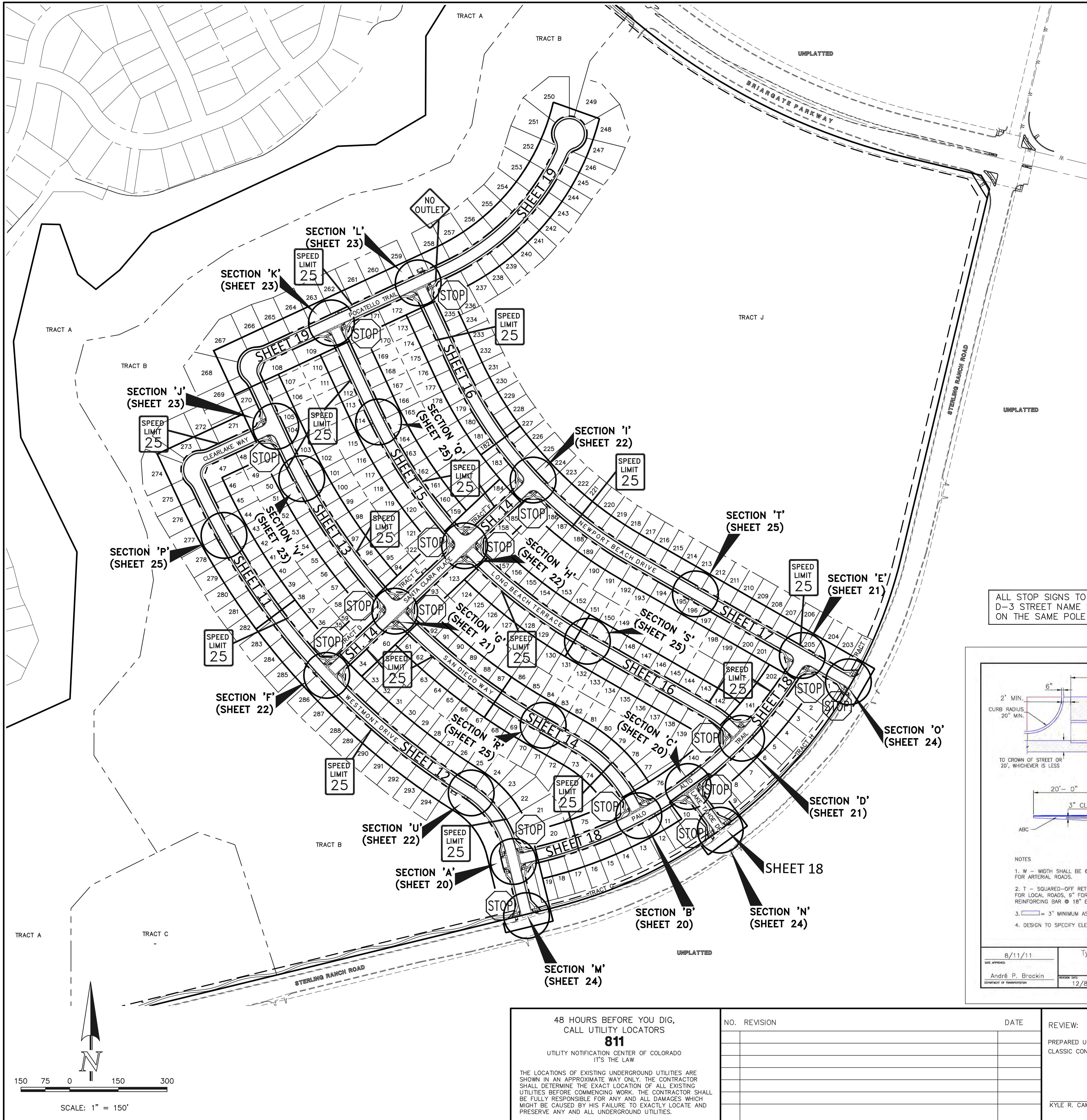
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS

GRADING AND EROSION CONTROL PLAN
DETAIL SHEET

DESIGNED BY	MES	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = N/A	SHEET	9 OF 53
CHECKED BY	(V) 1" = N/A	JOB NO.	1183.30	

PCD FILE #SF-22-035

CLASSIC CONSULTING



CLASS III SIGNS, PANEL GROUND CLEARANCE

WARNING SIGN PLACEMENT

CLASS III SIGN PLACEMENT

REGULATORY SIGN PLACEMENT

ROUTE MARKER ASSEMBLY PLACEMENT

ACUTE ANGLE INTERSECTION

CHANNELIZED INTERSECTION

WIDE THROAT INTERSECTION

MINOR CROSSROAD

URBAN INTERSECTION

DIVISIONAL ISLAND

TYPICAL LOCATIONS-STOP SIGNS AND YIELD SIGNS

GENERAL NOTES

1. THE ENGINEER SHALL ESTABLISH GRADES AND LOCATIONS FOR ALL SIGN POSTS IN ACCORDANCE WITH DETAILS SHOWN ON THE PLANS.

2. SPECIAL CASES SHALL BE TAKEN IN SIGN LOCATION TO ENSURE AN UNOBSTRUCTED VIEW OF ROAD AHEAD.

3. MINIMUM POST ELEVATION SHALL BE 3' FOR U-2 POSTS AND 4' FOR U-3 POSTS. POSTS SHALL BE 12" DIA. TYP. FOR POSTING DEPTH SEE THE DETAILS FOR SIGN PANELS.

4. MINIMUM LATERAL PLACEMENT IS MEASURED FROM FACE OF CURB OR FROM FACE OF SHOULDER FOR NORMAL OR UNUSUAL THROAT OR INTERSECTION.

5. NORMAL LATERAL PLACEMENT IS MEASURED FROM THE EDGE OF TRAVEL LANE.

6. IN URBAN AREAS A LATERAL CLEARANCE OF 1' FROM THE CURB FACE IS PERMISSIBLE WHERE SHOULDER WIDTH IS LIMITED OR WHERE EXISTING UTILITIES ARE CLOSE TO THE CURB.

7. IF A MINIMUM POST ELEVATION SHALL BE MAINTAINED FROM THE BOTTOM OF SIGN PANEL TO THE GROUND OR TOP OF THE FOOTING UNLESS OTHERWISE INDICATED ON THE PLAN.

8. EDUCATIONAL PLACEMENT FOR TRUCKS SHALL NOT BE CONSIDERED WHEN DETERMINING LATERAL PLACEMENT OR WHEN FOR SIGNS WHERE A SUPPLEMENTAL PANEL IS REQUIRED. LATERAL PLACEMENT SHALL BE MAINTAINED TO THE GROUND OR TOP OF THE FOOTING UNLESS OTHERWISE INDICATED ON THE PLAN.

9. VERTICAL PLACEMENT MAY BE REQUIRED TO 3' WHEN LATERAL PLACEMENT IS 30' OR MORE FOR SIGNS WITH A SUPPLEMENTAL PANEL. VERTICAL PLACEMENT IS 30' OR MORE FOR SIGNS WITH A SUPPLEMENTAL PANEL. VERTICAL PLACEMENT IS 30' OR MORE FOR SIGNS WITH A SUPPLEMENTAL PANEL. VERTICAL PLACEMENT IS 30' OR MORE FOR SIGNS WITH A SUPPLEMENTAL PANEL.

10. APPLY - USE ONLY VERTICAL PLACEMENT.

11. NORMAL ANGULAR PLACEMENT IS 30'.

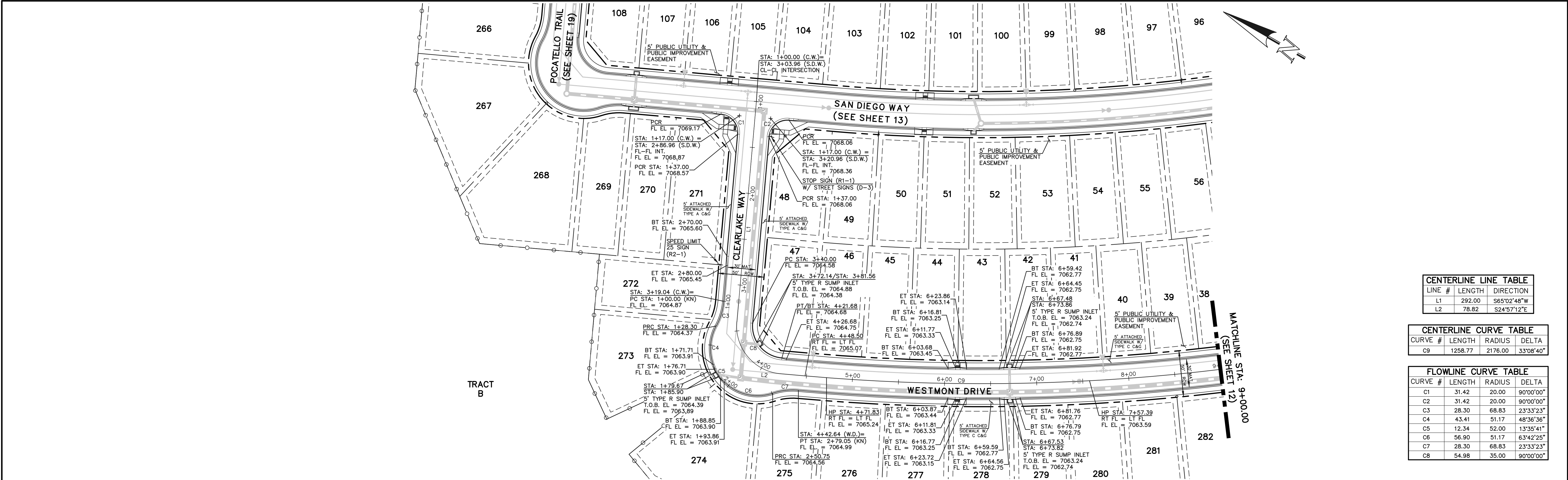
12. TURNED SLIGHTLY AWAY TO MINIMIZE SPECULAR REFLECTION. SIGNS PLACED 30' OR MORE AWAY FROM THE ROAD OR RIGHT HAND SIDE FOR RIGHT HAND EXITS AND THE LEFT SIDE FOR LEFT HAND EXITS.

13. POST SHALL BE RETAINED CLEAR. VERTICAL CLEARANCE SHALL NOT EXCEED 12' IN 10'.

PLACEMENT TABLES

LATERAL PLACEMENT		VERTICAL PLACEMENT (MINIMUM) (5' MAXIMUM)	
KEY	MINIMUM	KEY	MINIMUM
ALL CLASSES OF STREETS AND HIGHWAYS	MINIMUM	ALL CLASSES OF STREETS AND HIGHWAYS	MINIMUM
U-1	2'-0"	U-1	2'-0"
U-2	2'-0"	U-2	2'-0"
U-3	2'-0"	U-3	2'-0"
U-4	2'-0"	U-4	2'-0"
U-5	2'-0"	U-5	2'-0"
U-6	2'-0"	U-6	2'-0"
U-7	2'-0"	U-7	2'-0"
U-8	2'-0"	U-8	2'-0"
U-9	2'-0"	U-9	2'-0"
U-10	2'-0"	U-10	2'-0"
U-11	2'-0"	U-11	2'-0"
U-12	2'-0"	U-12	2'-0"
U-13	2'-0"	U-13	2'-0"
U-14	2'-0"	U-14	2'-0"
U-15	2'-0"	U-15	2'-0"
U-16	2'-0"	U-16	2'-0"
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U-28	2'-0"	U-28	2'-0"
U-29	2'-0"	U-29	2'-0"
U-30	2'-0"	U-30	2'-0"
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U-162	2'-0"	U-162	2'-0"
U-163	2'-0"	U-163	2'-0"
U-164	2'-0"	U-164	2'-0"
U-165	2'-0"	U-165	2'-0"
U-166	2'-0"	U-166	2'-0"
U-167	2'-0"	U-167	2'-0"
U-168	2'-0"	U-168	2'-0"
U-169	2'-0"	U-169	2'-0"
U-170	2'-0"	U-170	2'-0"
U-171	2'-0"	U-171	2'-0"
U-172	2'-0"	U-172	2'-0"
U-173	2'-0"	U-173	2'-0"
U-174	2'-0"	U-174	2'-0"
U-175	2'-0"	U-175	2'-0"
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U-183	2'-0"	U-183	2'-0"
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U-192	2'-0"	U-192	2'-0"
U-193	2'-0"	U-193	2'-0"
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U-289	2'-0"	U-289	2'-0"

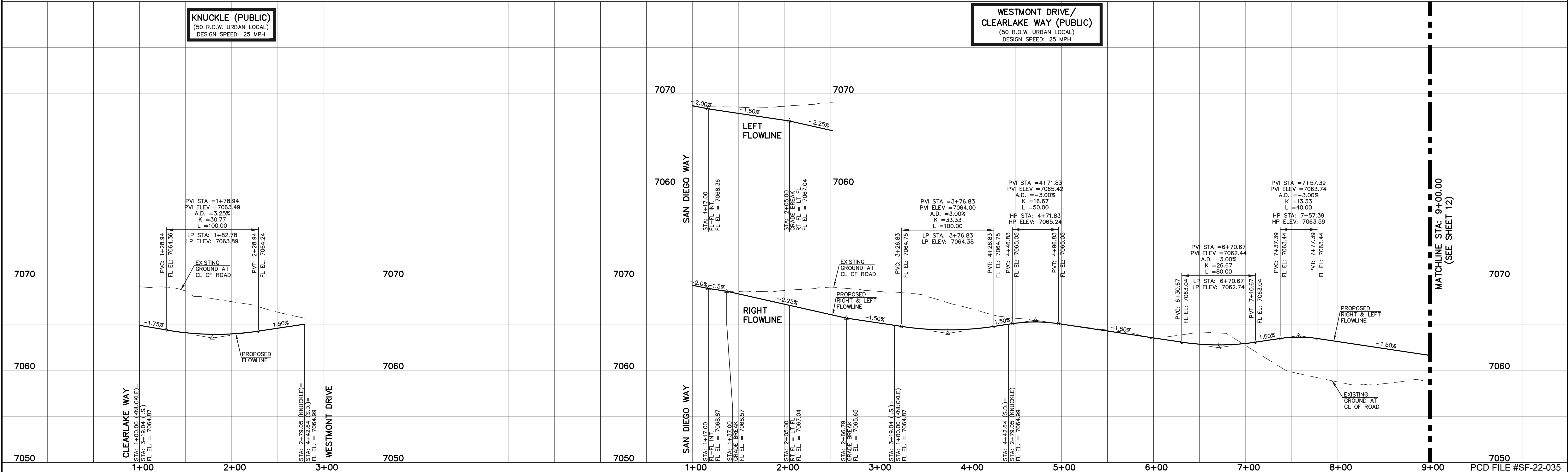
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CENTERLINE LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	292.00	S65°02'48"W
L2	78.82	S24°57'12"E

CENTERLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C9	1258.77	2176.00	33°08'40"

FLOWLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C1	31.42	20.00	90°00'00"
C2	31.42	20.00	90°00'00"
C3	28.30	68.83	23°33'23"
C4	43.41	51.17	48°36'36"
C5	12.34	52.00	13°35'41"
C6	56.90	51.17	63°42'25"
C7	28.30	68.83	23°33'23"
C8	54.98	35.00	90°00'00"



LEGEND

BOUNDARY LINE ---

ROW LINE ---

LOT LINE ---

CURB & GUTTER ===

PED RAMP [Symbol]

LIGHT POLE [Symbol]

SIGN [Symbol]

TYPE R INLET [Symbol]

STREET ABBREVIATION INDEX

W.D.	C.W.
LAKE TAHOE DRIVE	L.T.D.
LONG BEACH TERRACE	L.B.T.
NEWPORT BEACH DRIVE	N.B.D.
PALO ALTO TRAIL	P.A.T.
POCATELLO TRAIL	P.T.
SAN DIEGO WAY	S.D.W.
SANTA CLARA PLACE	S.C.P.
STERLING RANCH ROAD	S.R.R.

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NO.	REVISION	DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
CLEARLAKE WAY/WESTMONT DR STA: 1+00-9+00

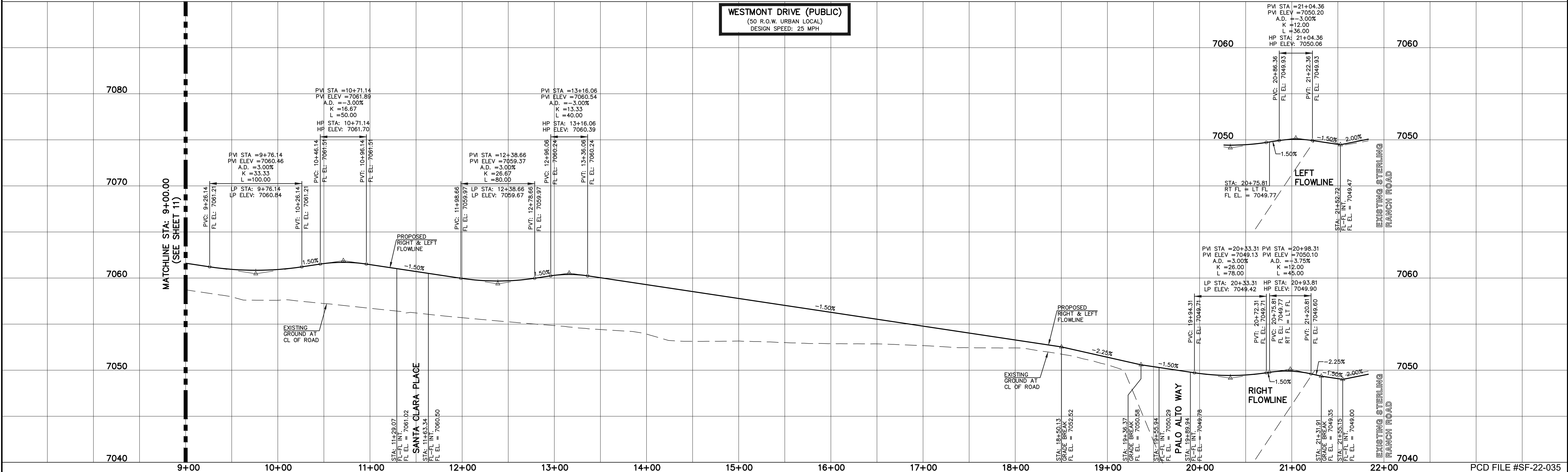
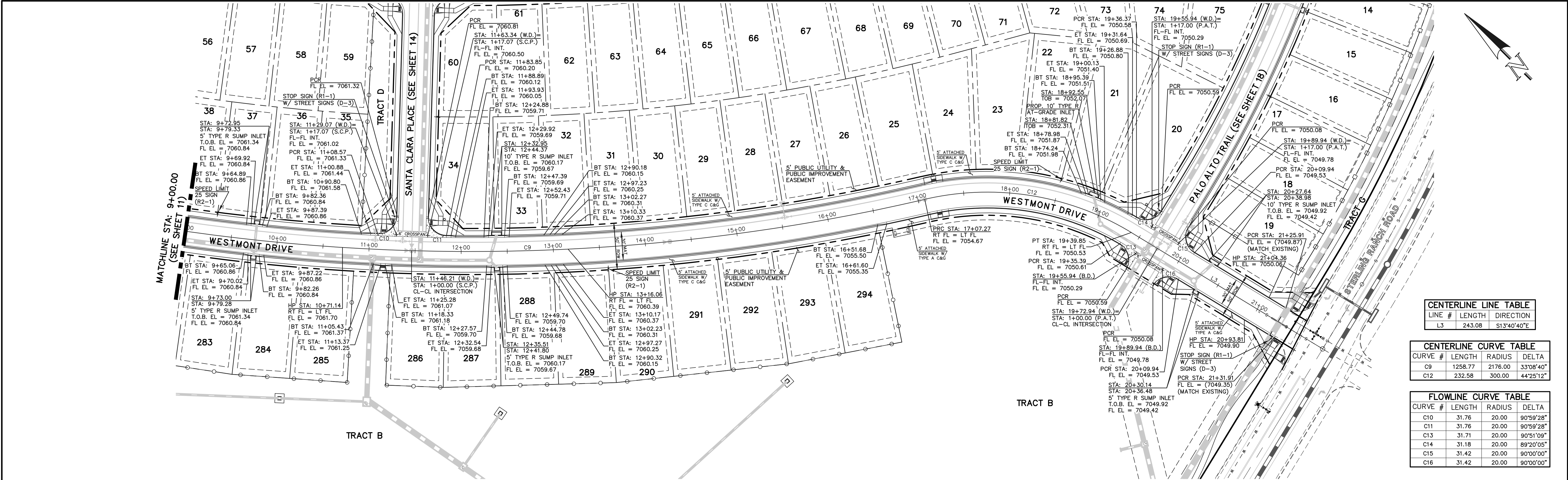
DESIGNED BY	MES	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET	11 OF 53
CHECKED BY		(V) 1"= 5'	JOB NO.	1183.30

CLASSIC CONSULTING

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

(719)785-0790
(719)785-0799(Fax)

N:\116330\DRAWINGS\CONSTRUCT\CONSTRUCTION\STREET\12-116330-SI-03.dwg, 11/7/2023 8:30:49 AM, 1:1



LEGEND

BOUNDARY LINE ---

ROW LINE ---

LOT LINE ---

CURB & GUTTER ---

PED RAMP [Symbol]

LIGHT POLE [Symbol]

SIGN [Symbol]

TYPE R INLET [Symbol]

STREET ABBREVIATION INDEX

WESTMONT DRIVE W.D.

CLEARLAKE WAY C.W.

LAKE TAHOE DRIVE L.T.D.

LONG BEACH TERRACE L.B.T.

NEWPORT BEACH DRIVE N.B.D.

PALO ALTO TRAIL P.A.T.

POCATELLO TRAIL P.T.

SAN DIEGO WAY S.D.W.

SANTA CLARA PLACE S.C.P.

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STERLING RANCH EAST FILING NO. 1

CONSTRUCTION PLANS

PUBLIC STREET IMPROVEMENT PLAN

WESTMONT DRIVE STA: 9+00 - END

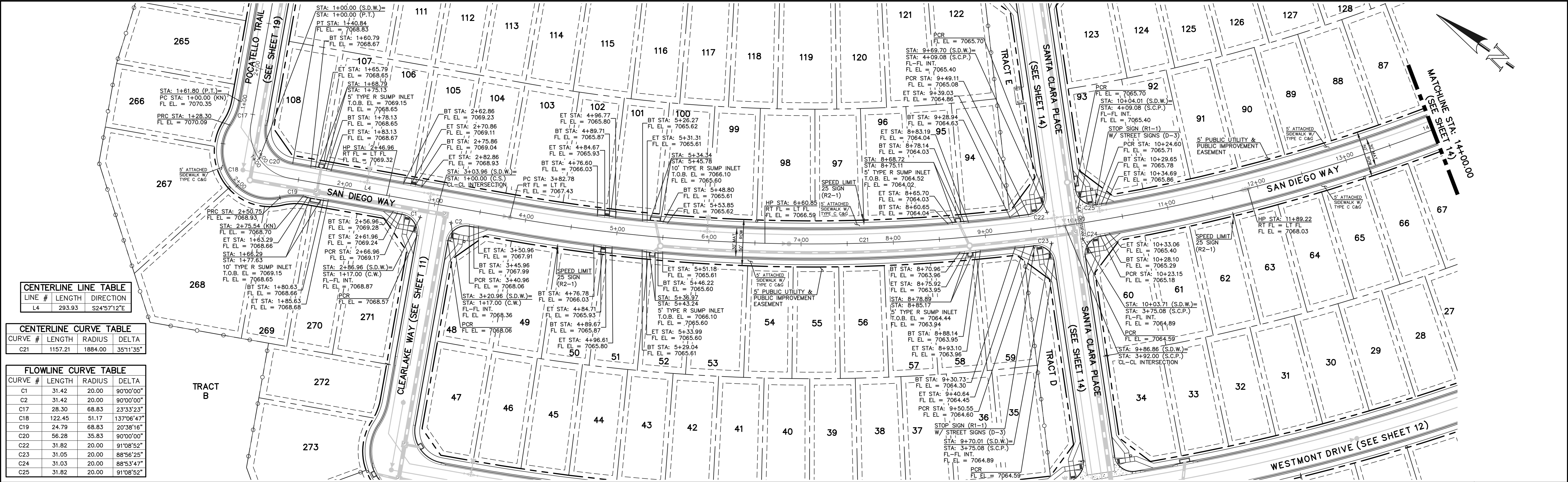
DESIGNED BY MES SCALE DATE 08/31/22

DRAWN BY MES (H) 1"= 50' SHEET 12 OF 53

CHECKED BY (V) 1"= 5' JOB NO. 1183.30



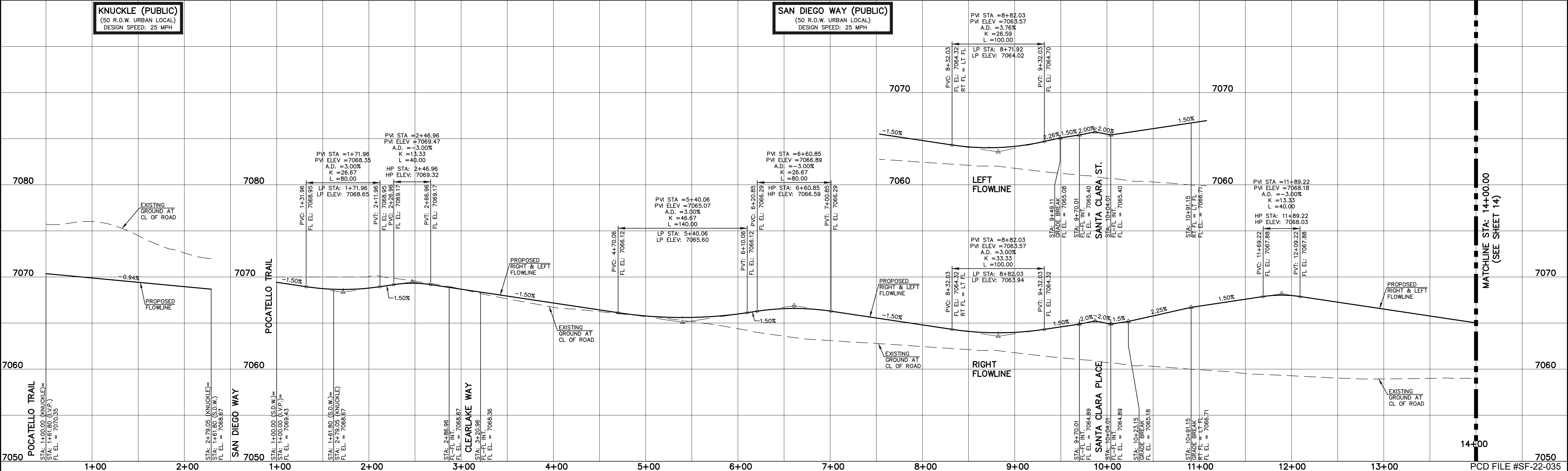
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CENTERLINE LINE TABLE			
LINE #	LENGTH	DIRECTION	
L4	293.93	S24°57'12"E	

CENTERLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C21	1157.21	1884.00	35°11'35"

FLOWLINE CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C1	31.42	20.00	90°00'00"	
C2	31.42	20.00	90°00'00"	
C17	28.30	68.83	23°33'23"	
C18	122.45	51.17	137°06'47"	
C19	24.79	68.83	20°38'16"	
C20	56.28	35.83	90°00'00"	
C22	31.82	20.00	91°08'52"	
C23	31.05	20.00	88°56'25"	
C24	31.03	20.00	88°53'47"	
C25	31.82	20.00	91°08'52"	



LEGEND

BOUNDARY LINE ---

ROW LINE ---

LOT LINE ---

CURB & GUTTER ---

PED RAMP [Symbol]

LIGHT POLE [Symbol]

SIGN [Symbol]

TYPE R INLET [Symbol]

STREET ABBREVIATION INDEX

WESTMONT DRIVE C.W.

CLEARLAKE WAY L.T.D.

LAKE TAHOE DRIVE L.B.T.

LONG BEACH TERRACE N.B.D.

NEWPORT BEACH DRIVE P.A.T.

PALO ALTO TRAIL P.T.

POCATELLO TRAIL S.D.W.

SAN DIEGO WAY S.C.P.

SANTA CLARA PLACE S.R.R.

STERLING RANCH ROAD

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DATE

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Colorado Springs, Colorado 80903

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(719)785-0799(Fax)

STERLING RANCH EAST FILING NO. 1

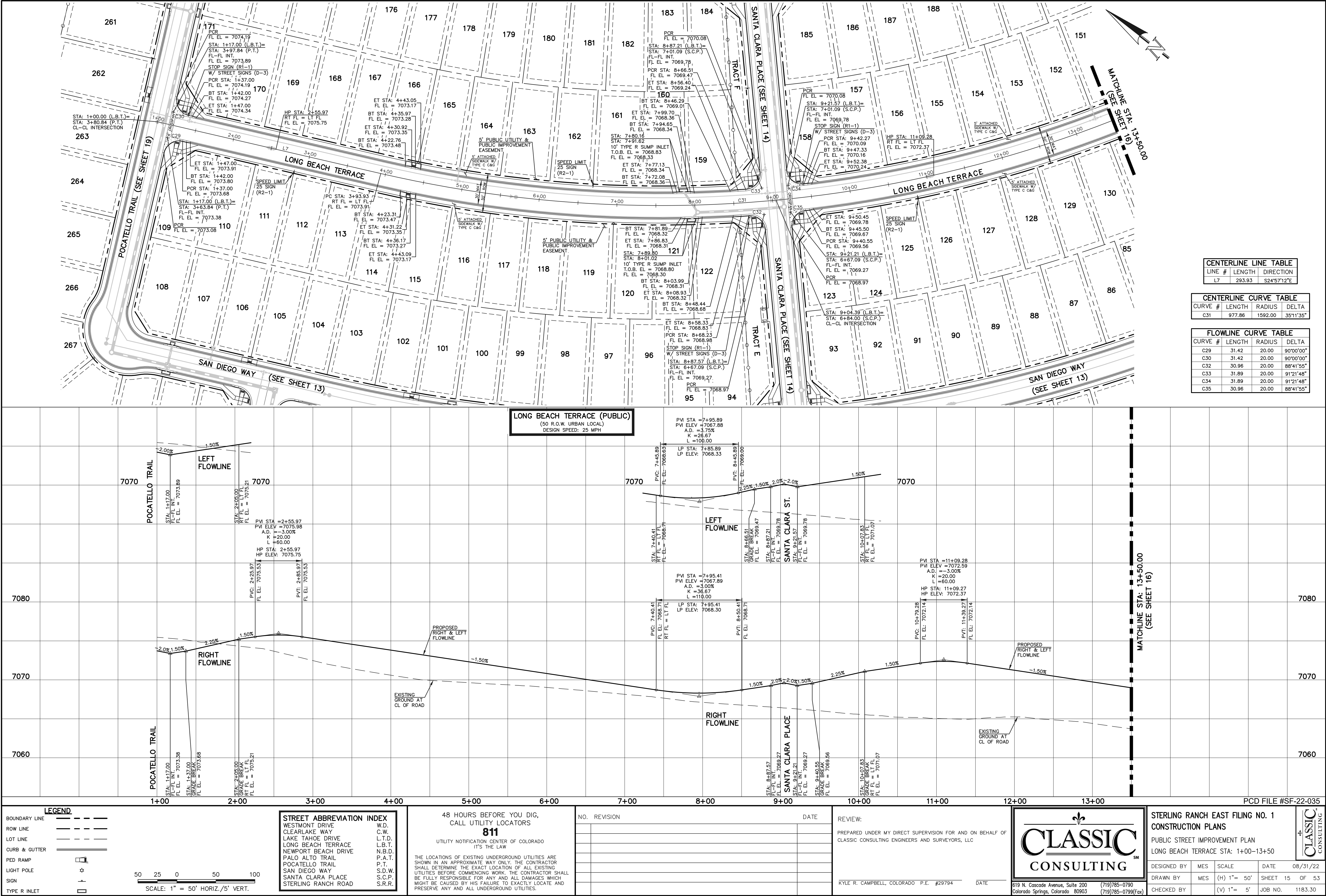
CONSTRUCTION PLANS

PUBLIC STREET IMPROVEMENT PLAN

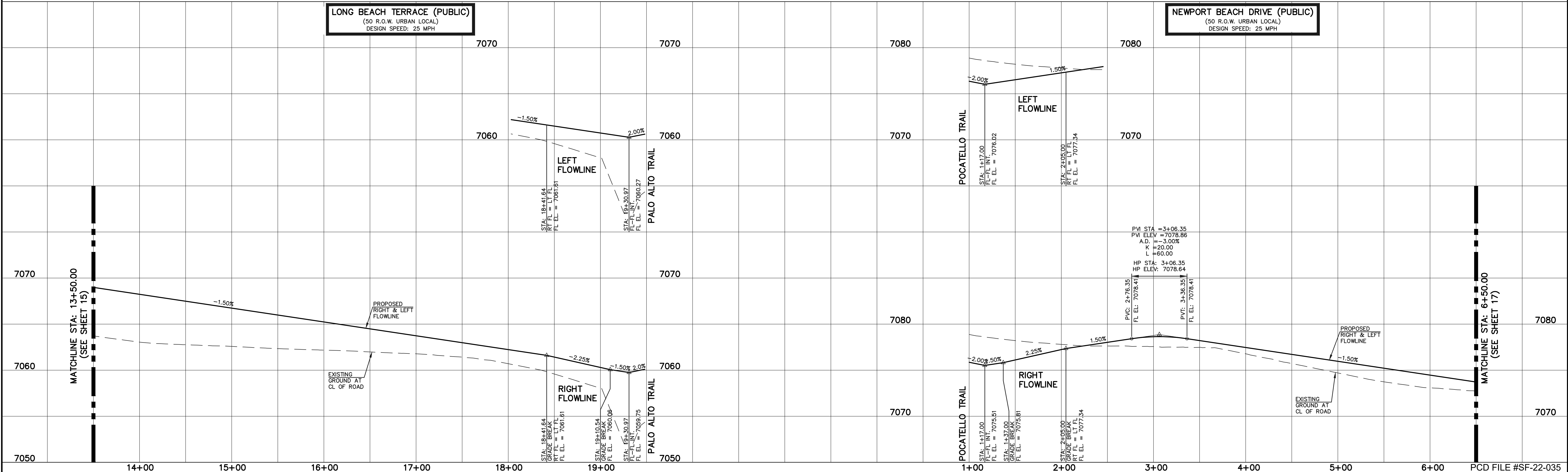
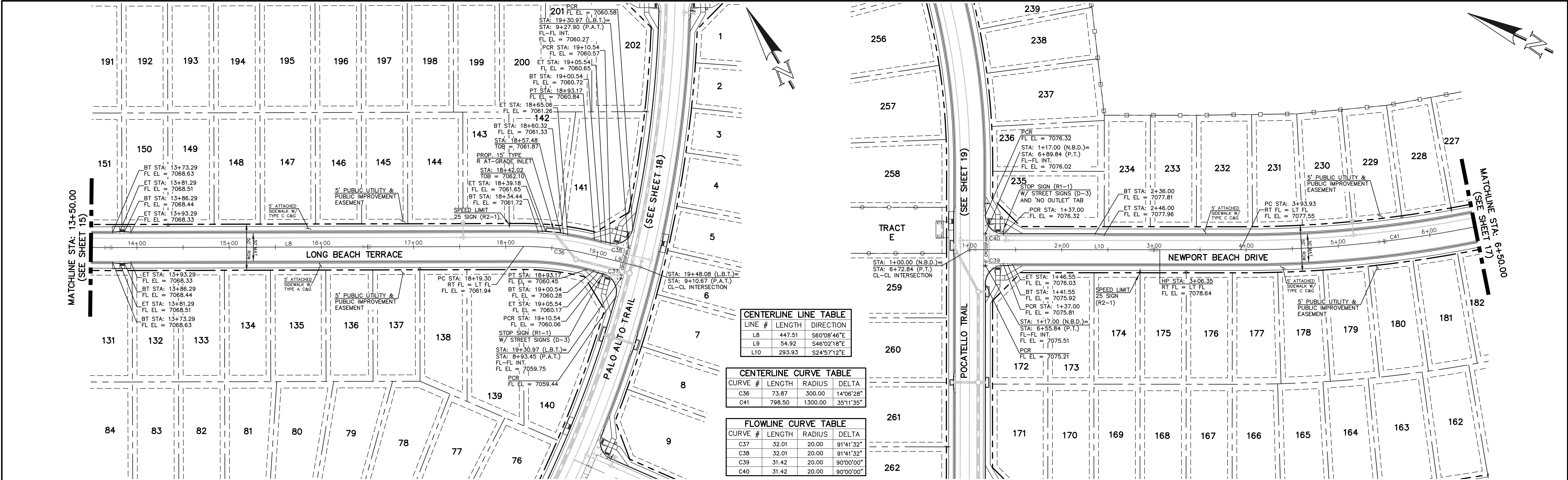
SAN DIEGO WAY STA: 1+00-14+00/KNUCKLE

DESIGNED BY	MES	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET 13	OF 53
CHECKED BY		(V) 1"= 5'	JOB NO.	1183.30

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LEGEND

BOUNDARY LINE ---

ROW LINE ---

LOT LINE ---

CURB & GUTTER ---

PED RAMP [Symbol]

LIGHT POLE [Symbol]

SIGN [Symbol]

TYPE R INLET [Symbol]

STREET ABBREVIATION INDEX

WESTMONT DRIVE	W.D.
CLEARLAKE WAY	C.W.
LAKE TAHOE DRIVE	L.T.D.
LONG BEACH TERRACE	L.B.T.
NEWPORT BEACH DRIVE	N.B.D.
PALO ALTO TRAIL	P.A.T.
POCATELITO TRAIL	P.T.
SAN DIEGO WAY	S.D.W.
SANTA CLARA PLACE	S.C.P.
STERLING RANCH ROAD	S.R.R.

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NO. REVISION

1	DATE

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KYLE R. CAMPBELL, COLORADO P.E. #29794

DATE

CLASSIC CONSULTING

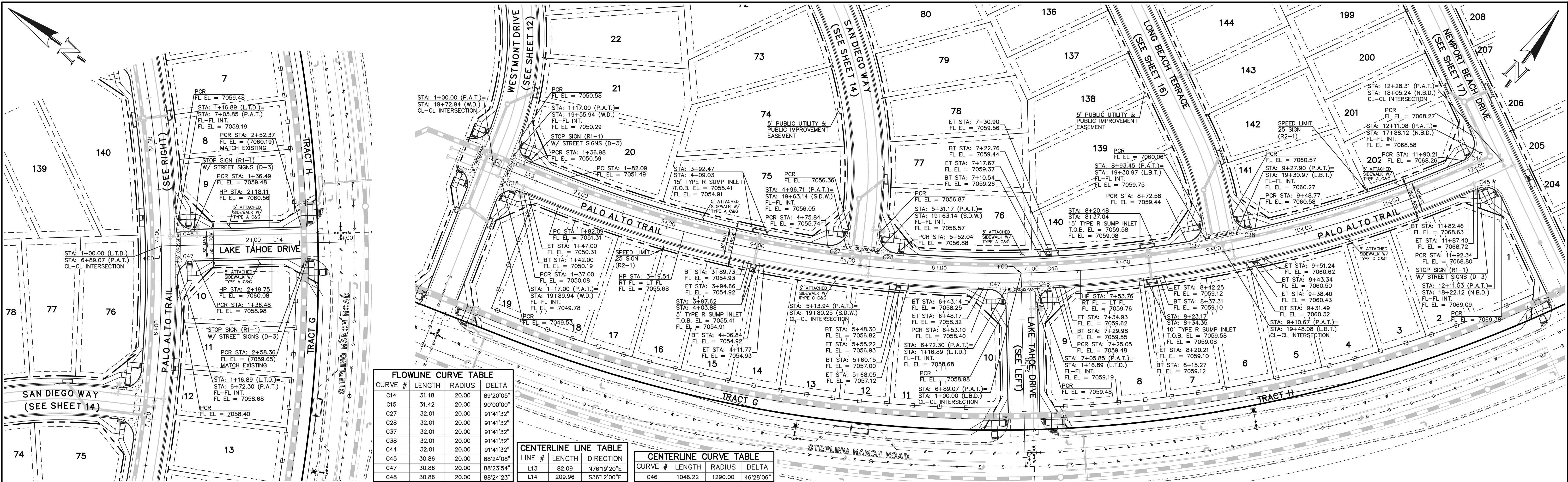
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Colorado Springs, Colorado 80903

(719)785-0790
(719)785-0799(Fax)

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
LONG BEACH STA:13+50-00/NEWPORT BEACH STA:1+00-00-6+50

DESIGNED BY	MES	SCALE	DATE	08/31/22
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CHECKED BY		(V) 1"= 5'	JOB NO.	1183.30

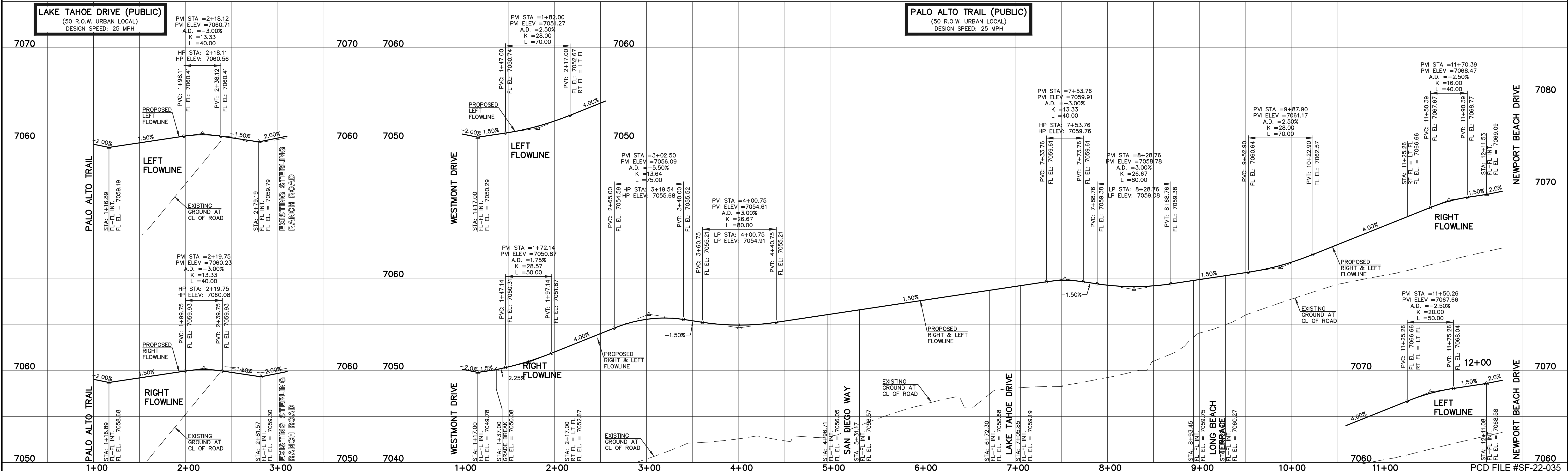
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FLOWLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C14	31.18	20.00	89°20'05"
C15	31.42	20.00	90°00'00"
C27	32.01	20.00	91°41'32"
C28	32.01	20.00	91°41'32"
C37	32.01	20.00	91°41'32"
C38	32.01	20.00	91°41'32"
C44	32.01	20.00	91°41'32"
C45	30.86	20.00	88°24'08"
C47	30.86	20.00	88°23'54"
C48	30.86	20.00	88°24'23"

CENTERLINE LINE TABLE		
LINE #	LENGTH	DIRECTION
L13	82.09	N76°19'20"E
L14	209.96	S36°12'00"E

CENTERLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C46	1046.22	1290.00	46°28'06"



LEGEND

BOUNDARY LINE ---

ROW LINE ---

LOT LINE ---

CURB & GUTTER ---

PED RAMP

LIGHT POLE

SIGN

TYPE R INLET

STREET ABBREVIATION INDEX

WESTMONT DRIVE W.D.

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LAKE TAHOE DRIVE L.T.D.

LONG BEACH TERRACE L.B.T.

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STERLING RANCH EAST FILING NO. 1

CONSTRUCTION PLANS

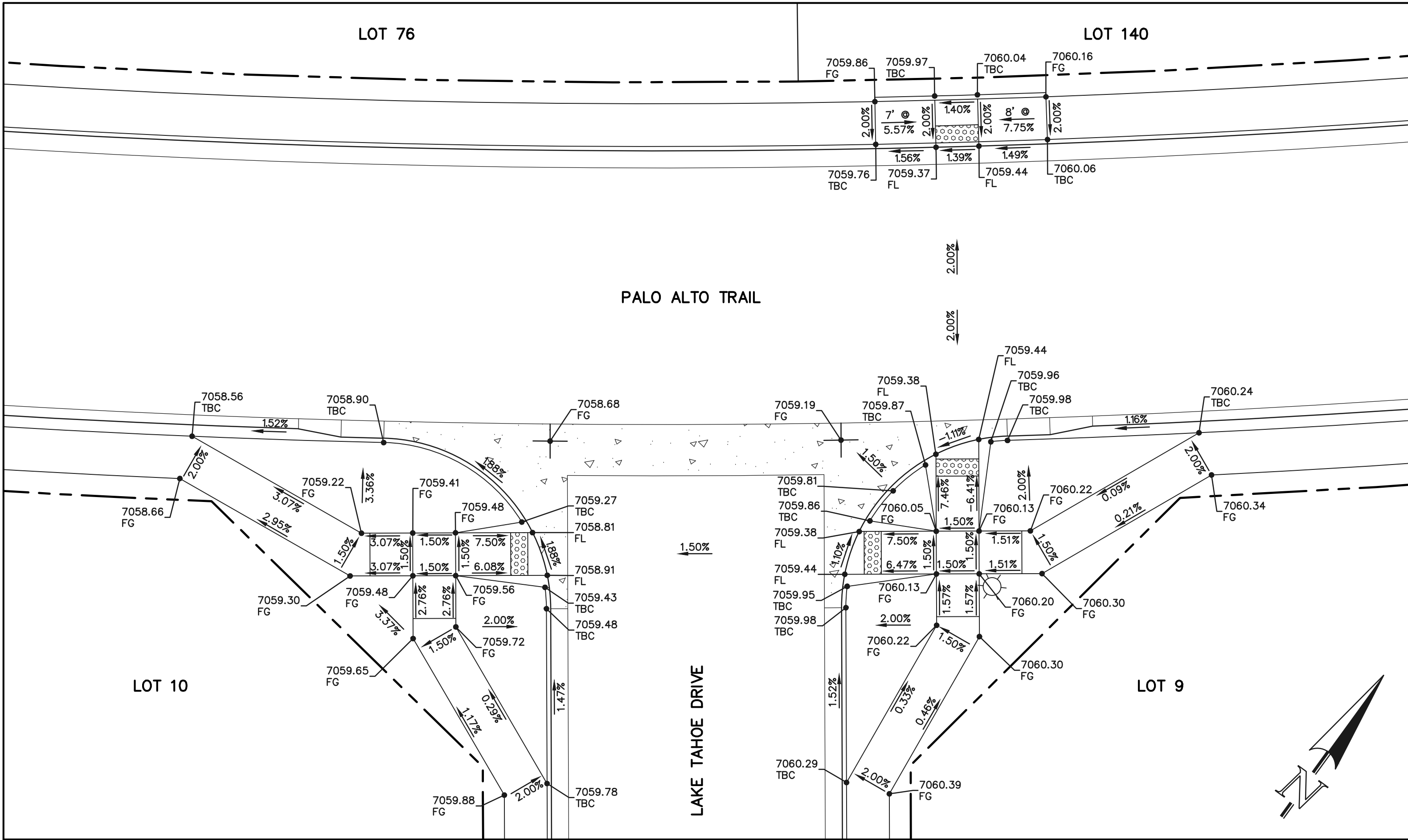
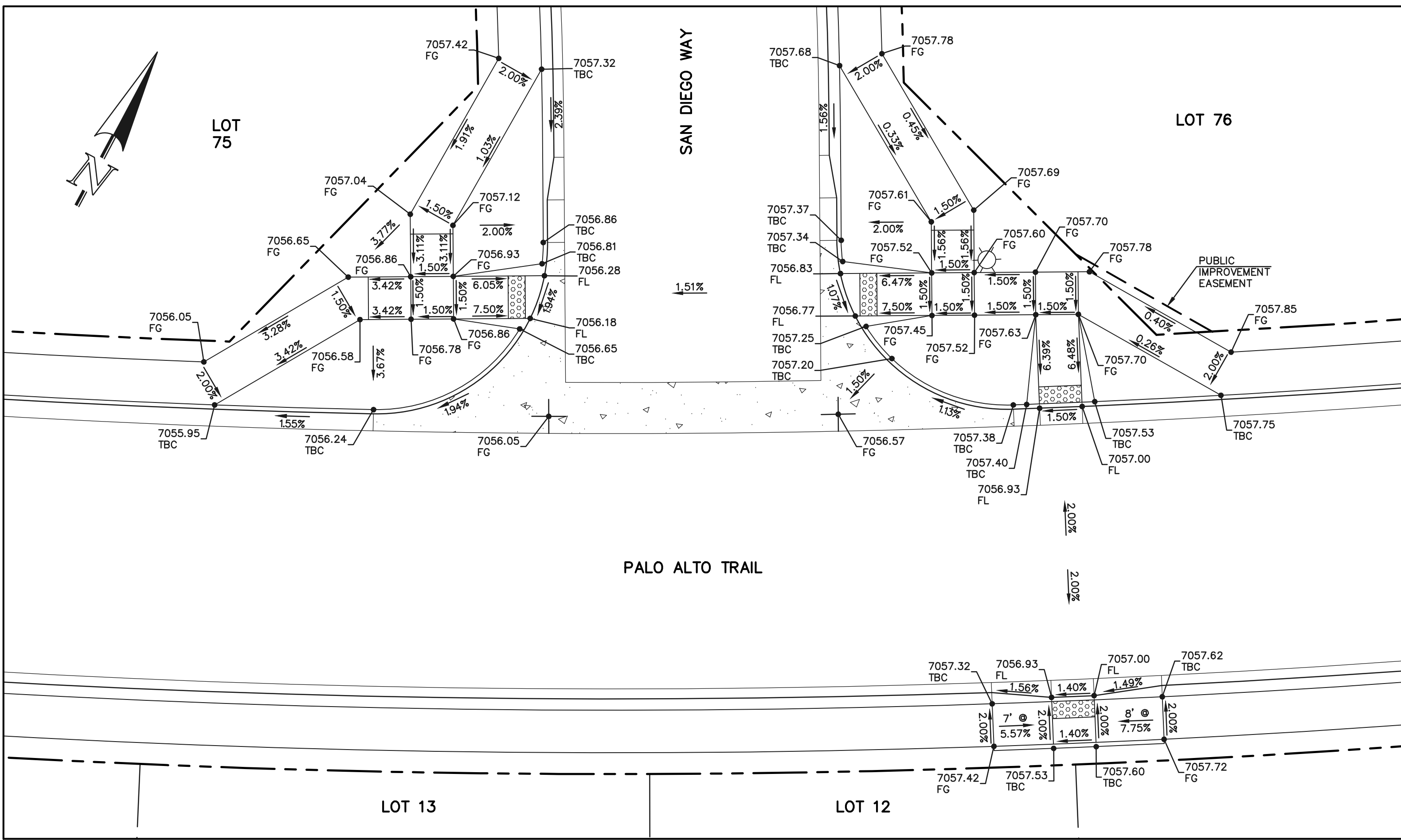
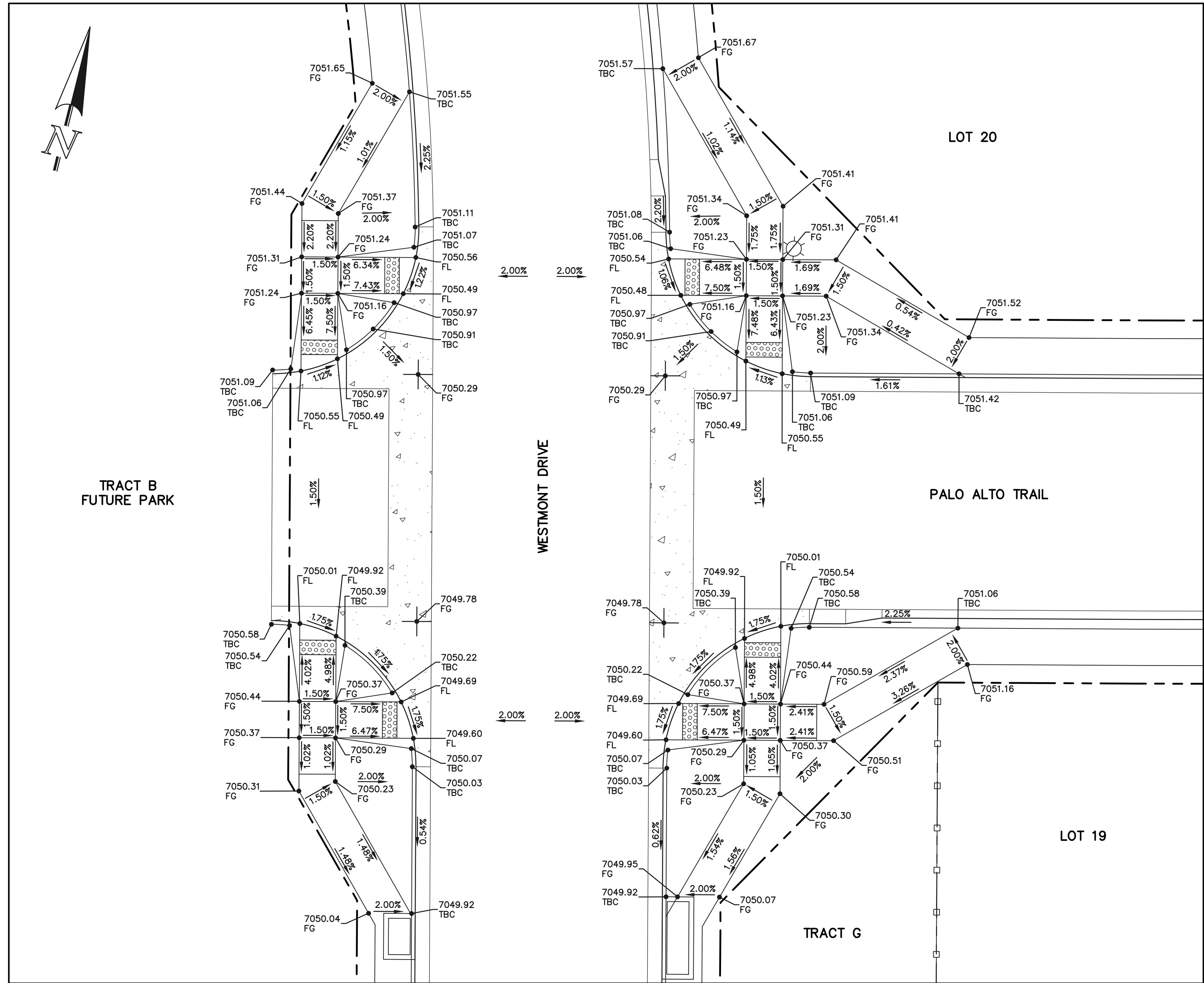
PUBLIC STREET IMPROVEMENT PLAN

LAKE TAHOE DRIVE/ PALO ALTO TRAIL

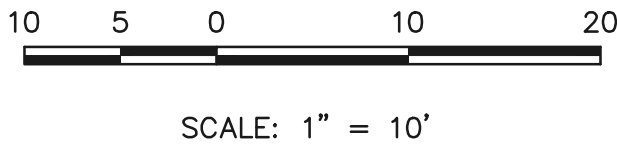
DESIGNED BY MES SCALE DATE 08/31/22

DRAWN BY MES (H) 1"= 50' SHEET 18 OF 53

CHECKED BY (V) 1"= 5' JOB NO. 1183.30



NOTE:
ANY SIDEWALK BUILT ADJACENT TO OR OVER AN INLET
WILL BE COMPACTED PER COUNTY SPECIFICATIONS TO
ENSURE PREVENTION OF DIFFERENTIAL SETTLEMENT IS
ADDRESSED.



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CONSULTING

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

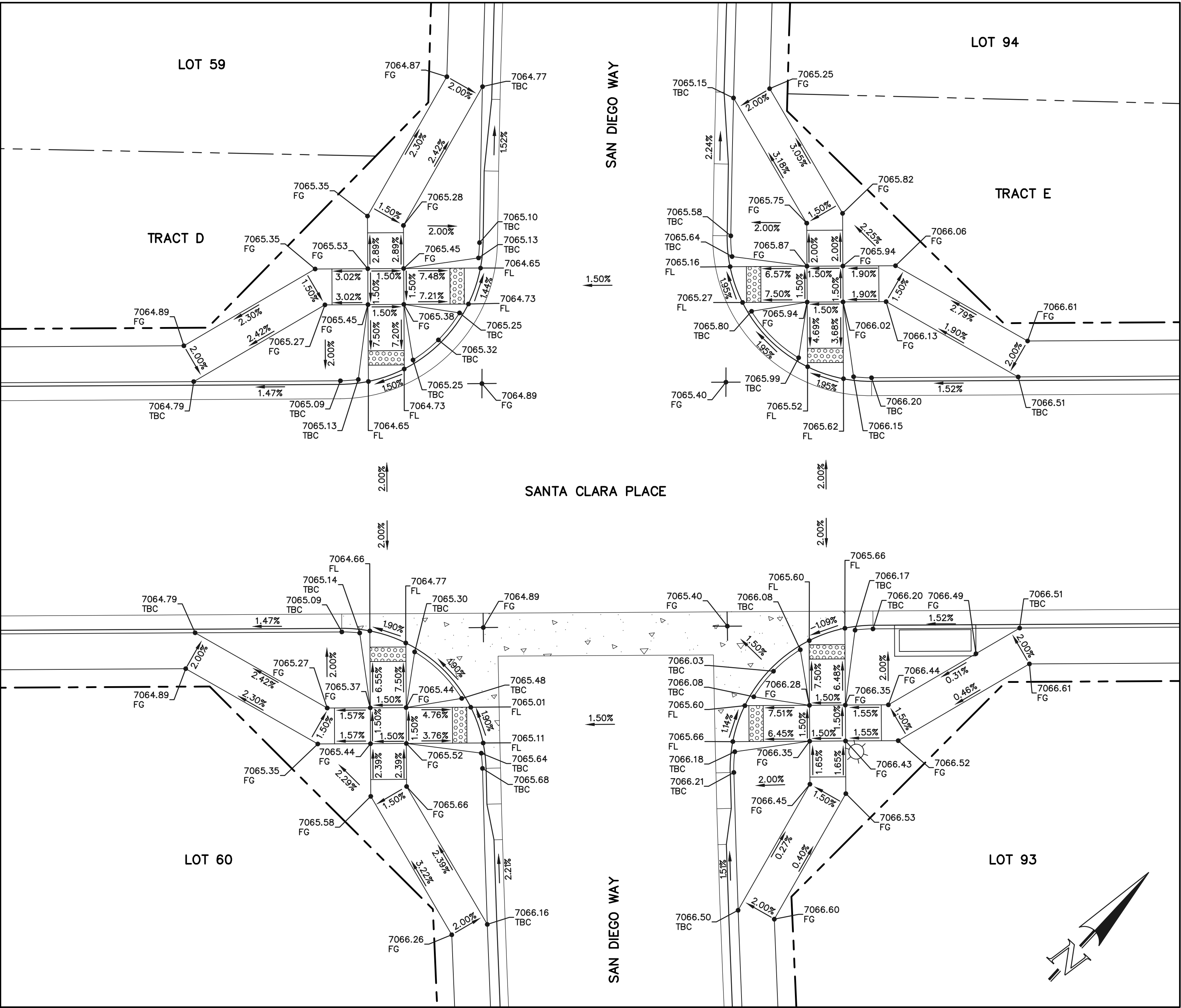
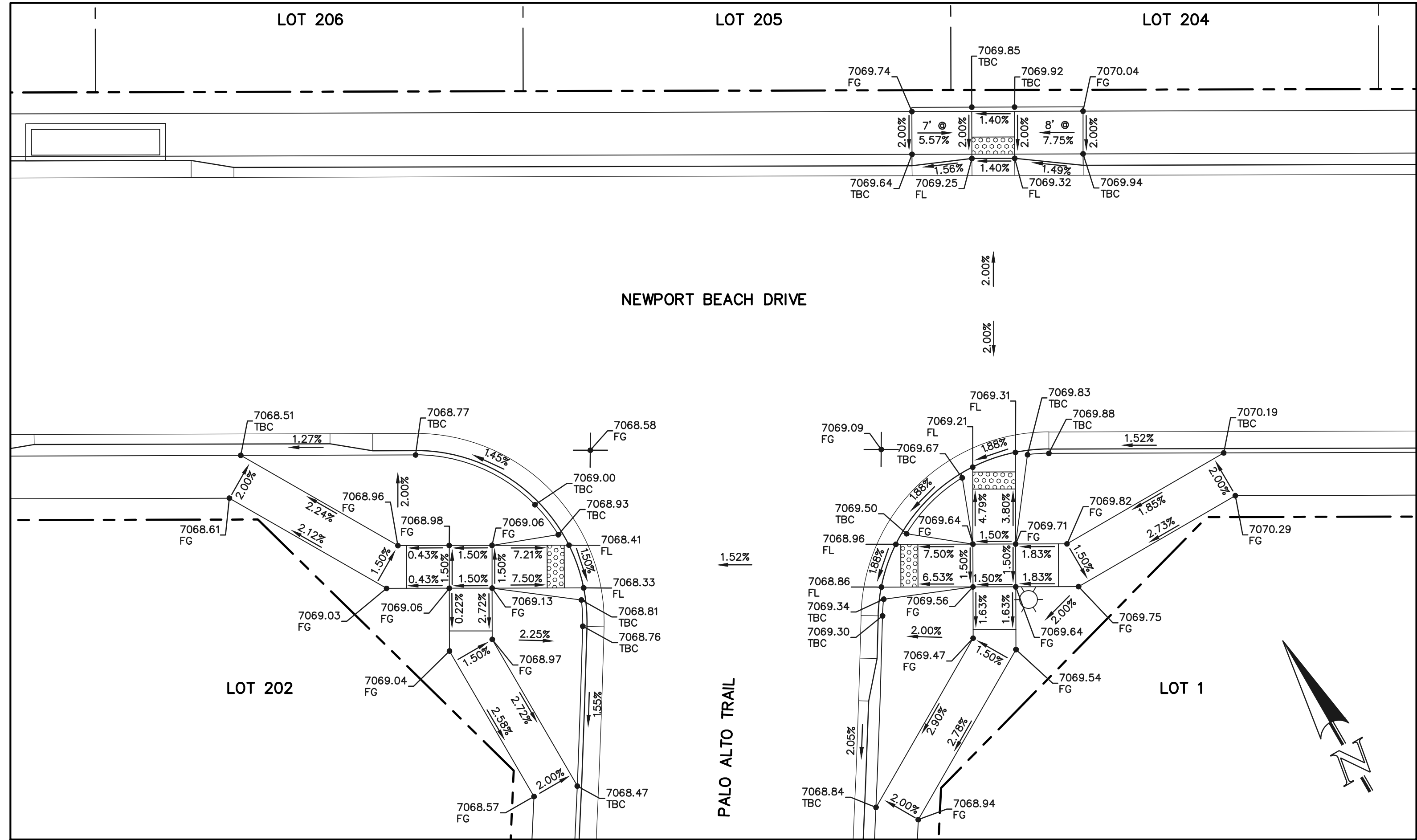
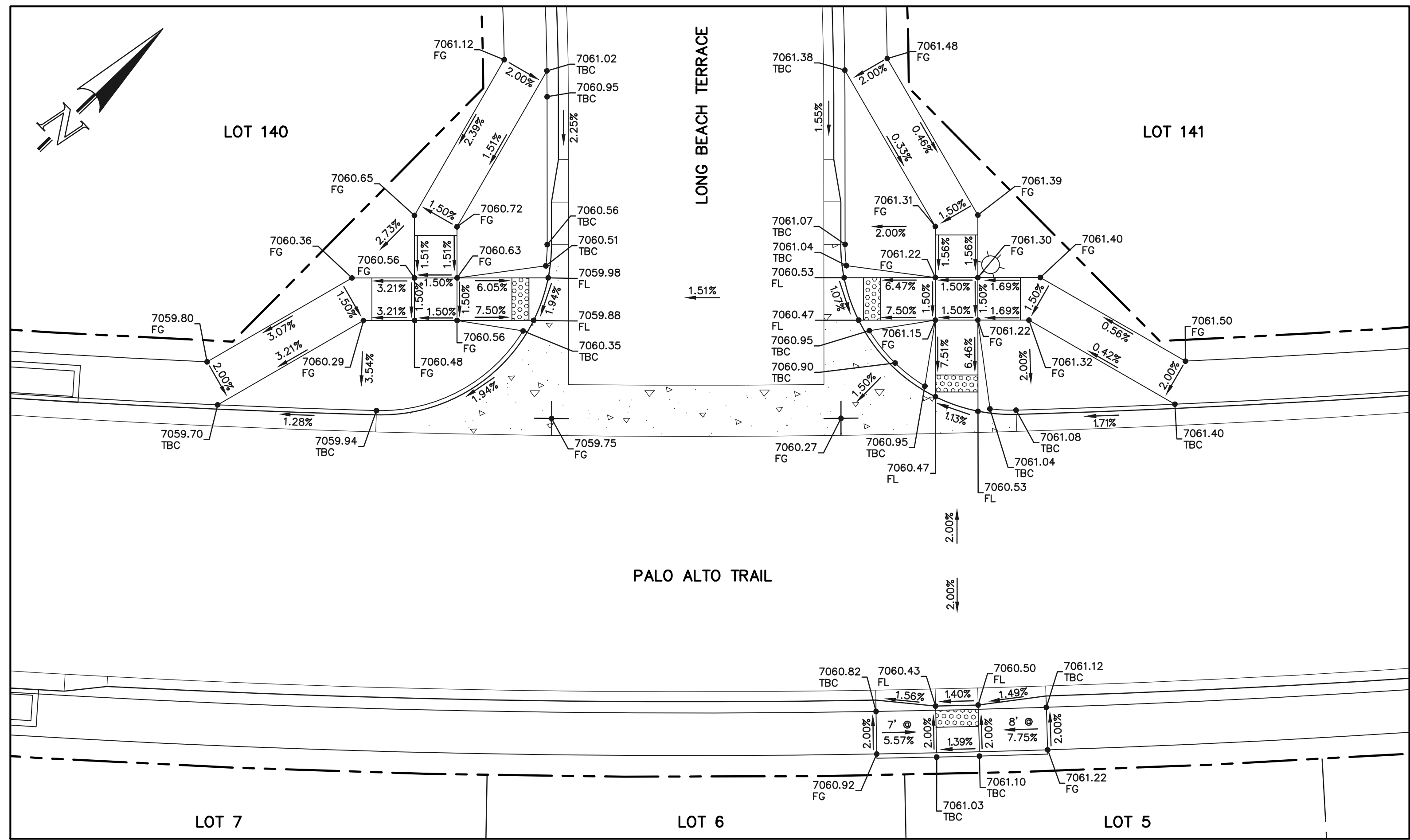
(719)785-0790
(719)785-0799(Fax)

STERLING RANCH EAST FILING NO. 1			
CONSTRUCTION PLANS			
PUBLIC STREET IMPROVEMENT PLAN			
PEDESTRIAN RAMP DESIGN			
DESIGNED BY	MES	SCALE	DATE 08/31/22
DRAWN BY	MES	(H) 1"= 10'	SHEET 20 OF 53
CHECKED BY		(V) 1"= N/A	JOB NO. 1183.30

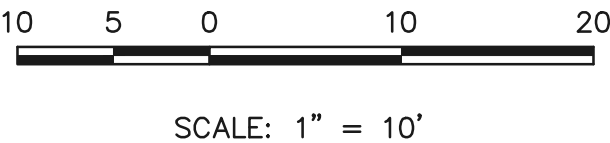
CLASSIC
CONSULTING

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Colorado Springs, Colorado 80903

(719)785-0790
(719)785-0799(Fax)



NOTE:
ANY SIDEWALK BUILT ADJACENT TO OR OVER AN INLET
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ENSURE PREVENTION OF DIFFERENTIAL SETTLEMENT IS
ADDRESSED.



48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW
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NO.	REVISION	DATE

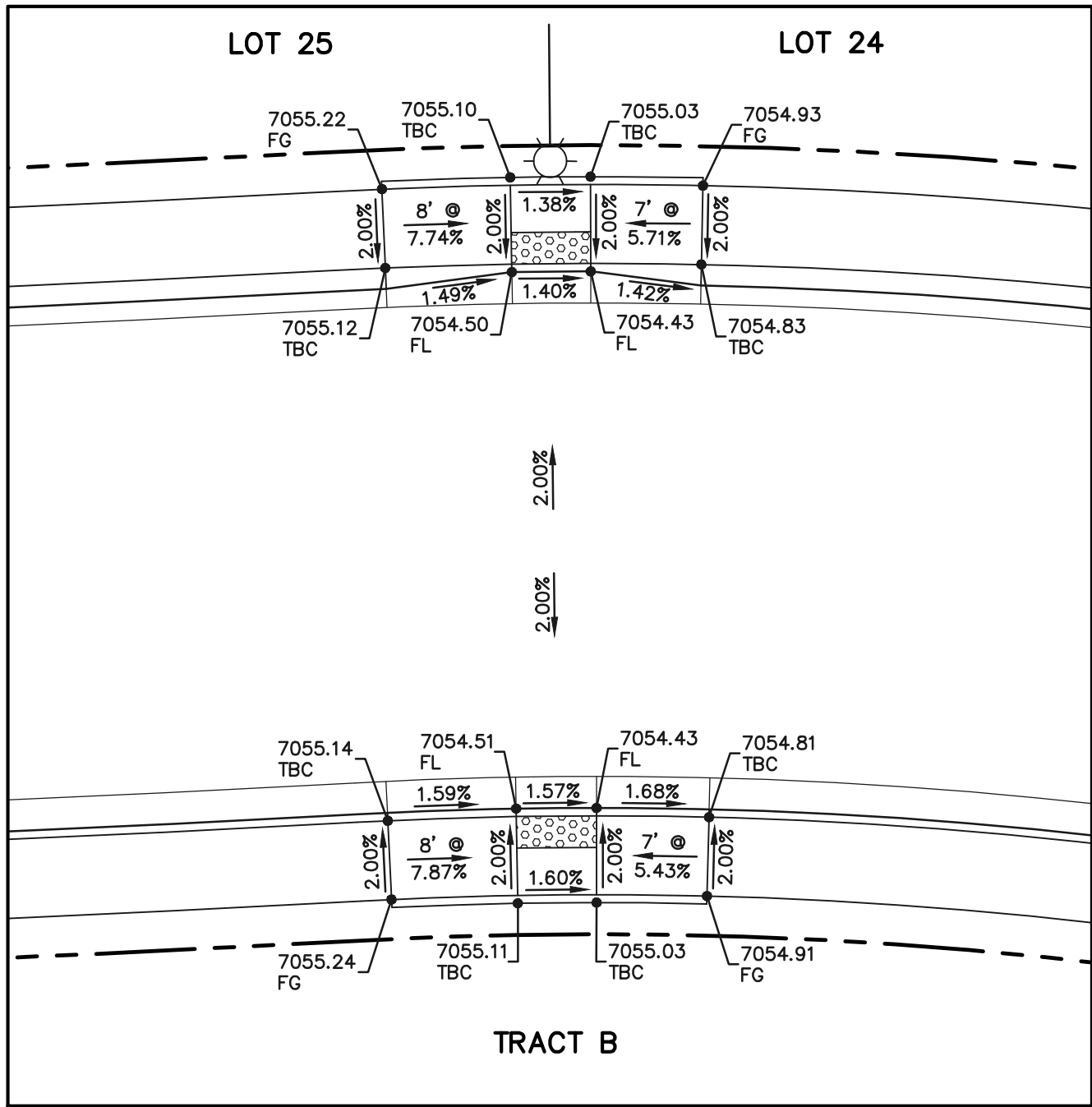
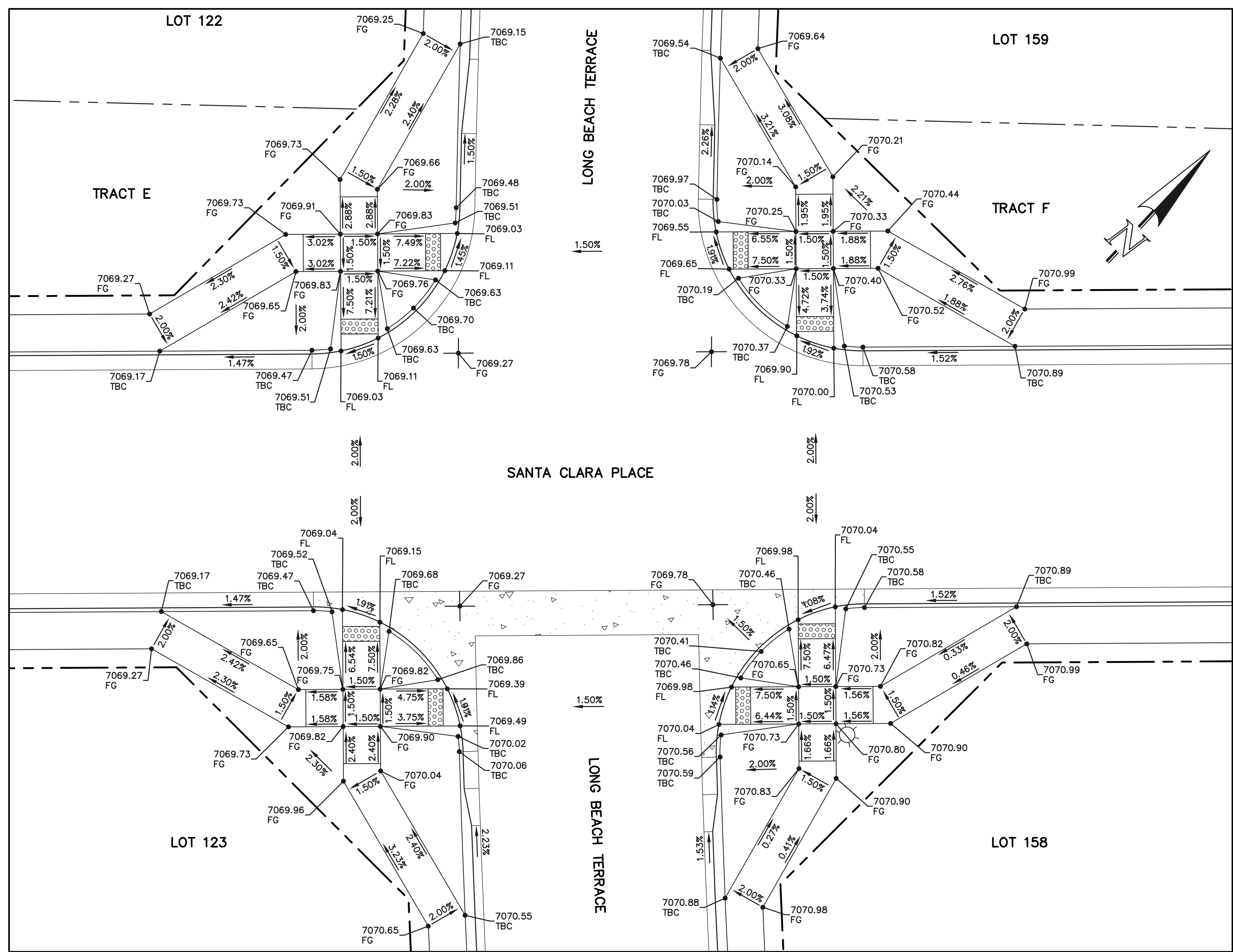
REVIEW:	DATE
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC	
KYLE R. CAMPBELL, COLORADO P.E. #29794	DATE

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

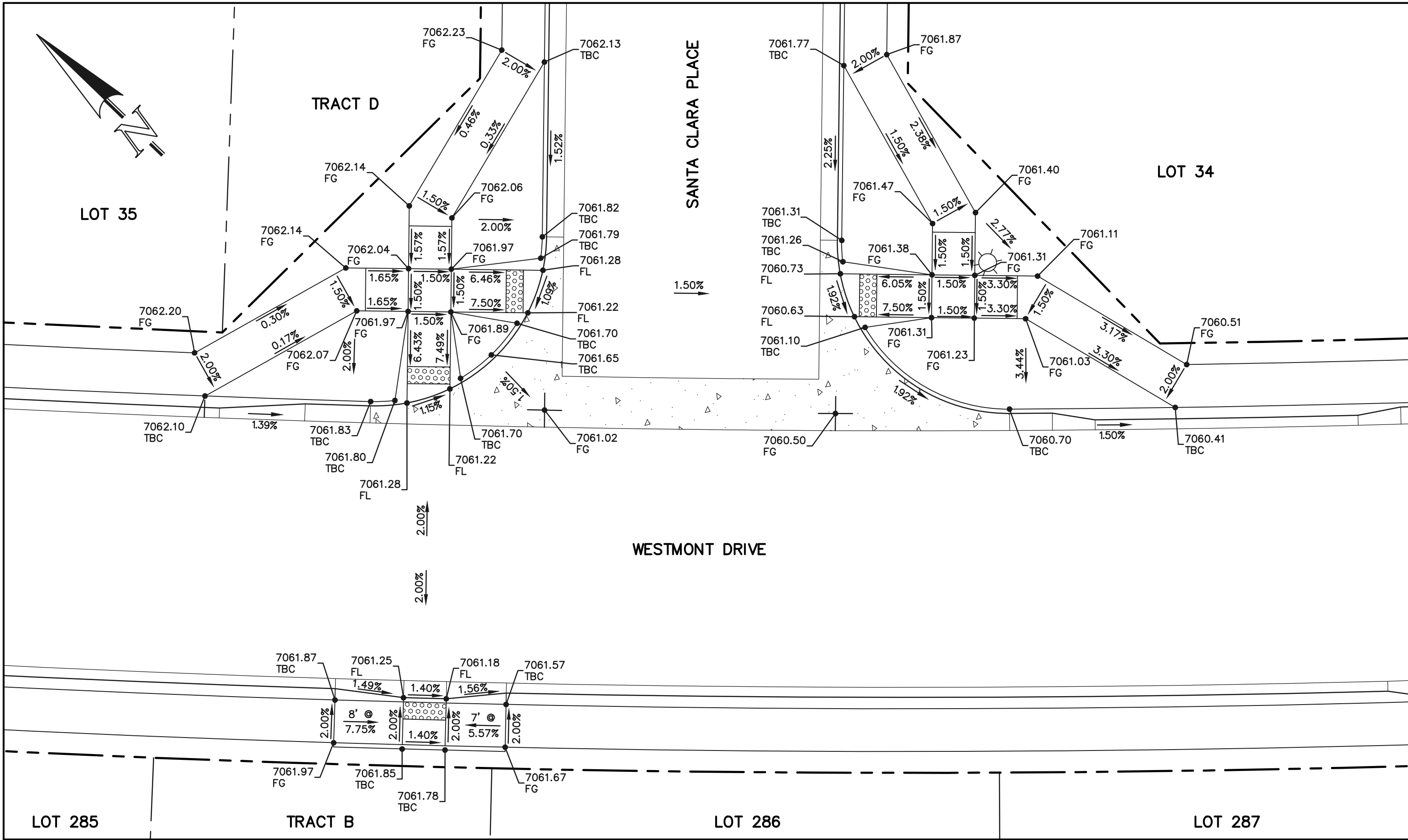
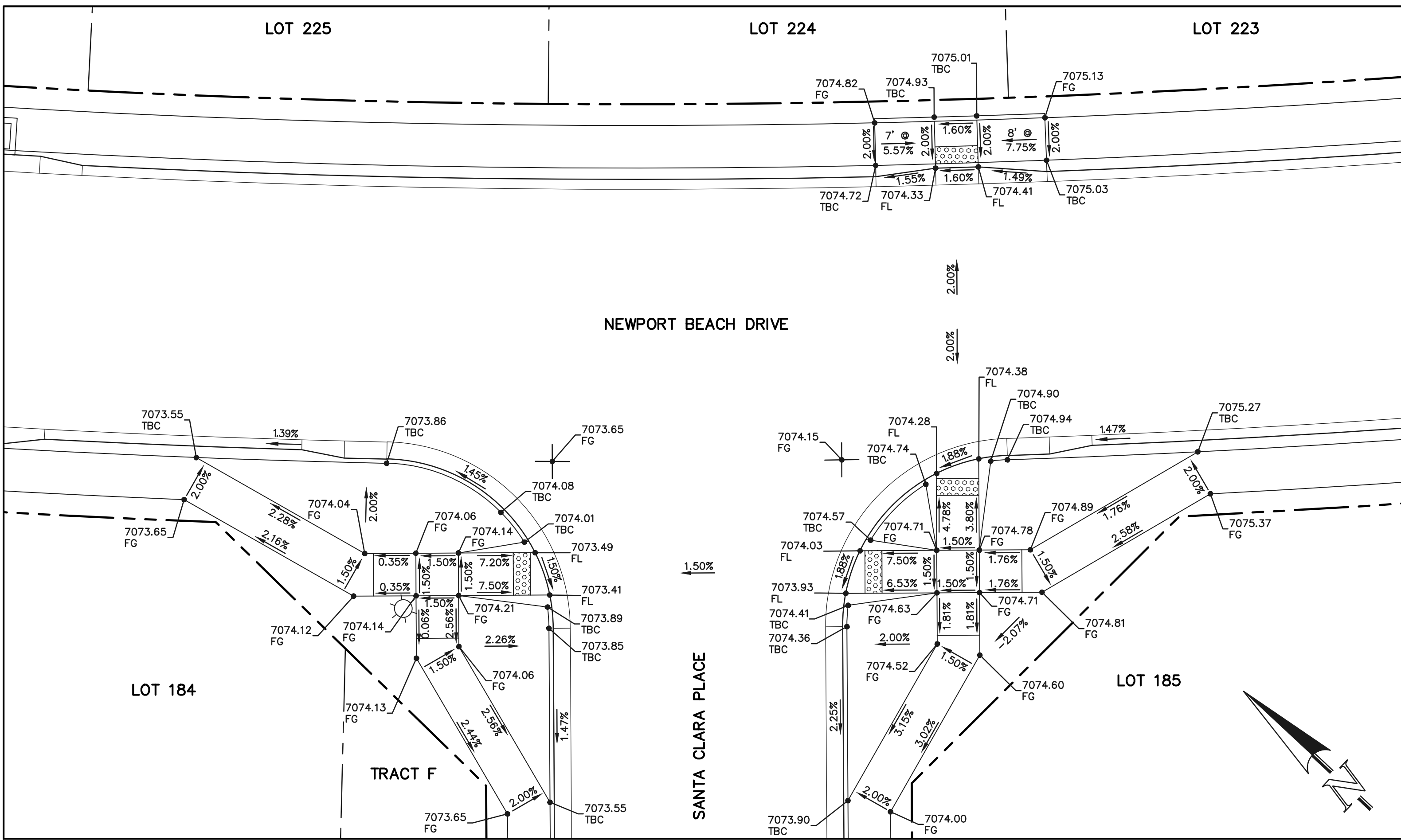
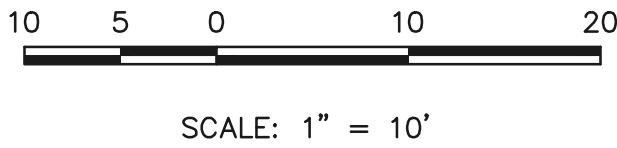
(719) 785-0790
(719) 785-0799 (Fax)

STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS PUBLIC STREET IMPROVEMENT PLAN PEDESTRIAN RAMP DESIGN			
DESIGNED BY	MES	SCALE	DATE 08/31/22
DRAWN BY	MES	(H) 1"= 10'	SHEET 21 OF 53
CHECKED BY		(V) 1"= N/A	JOB NO. 1183.30

PCD FILE #SF-22-035



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KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

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PUBLIC STREET IMPROVEMENT PLAN
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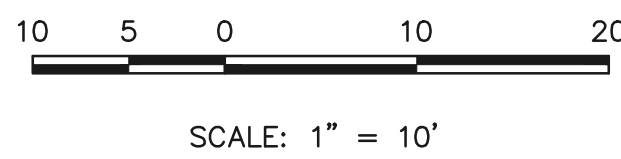
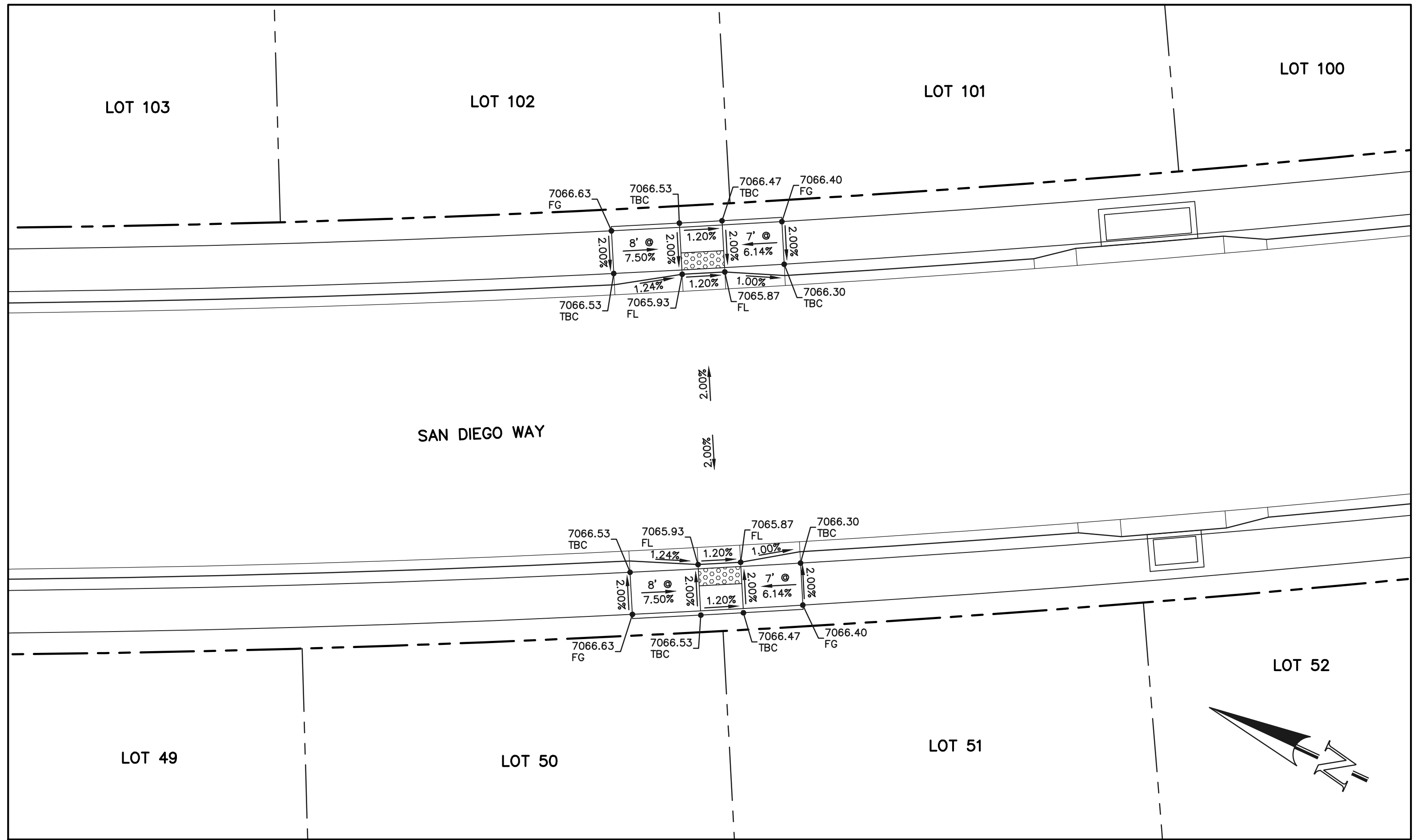
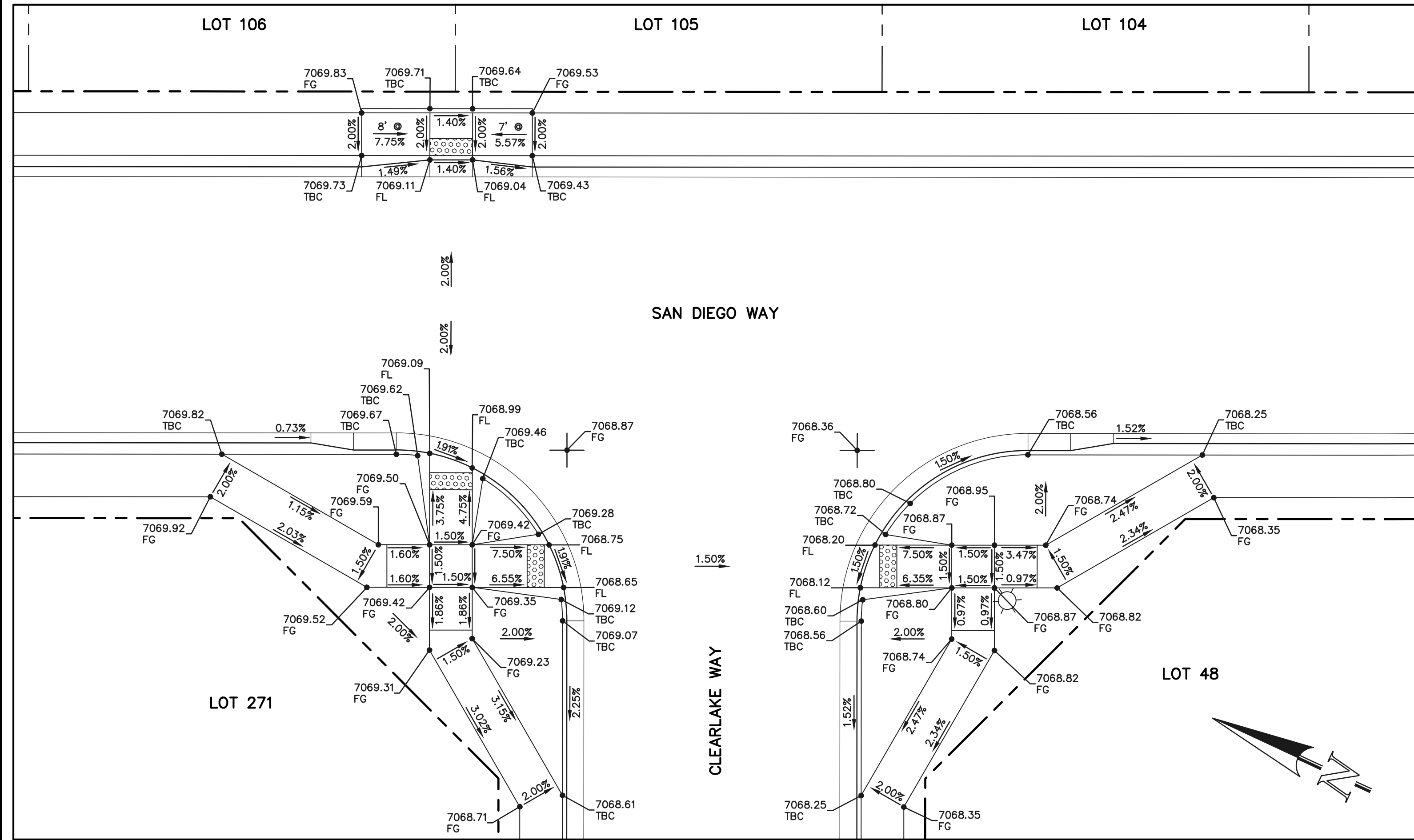
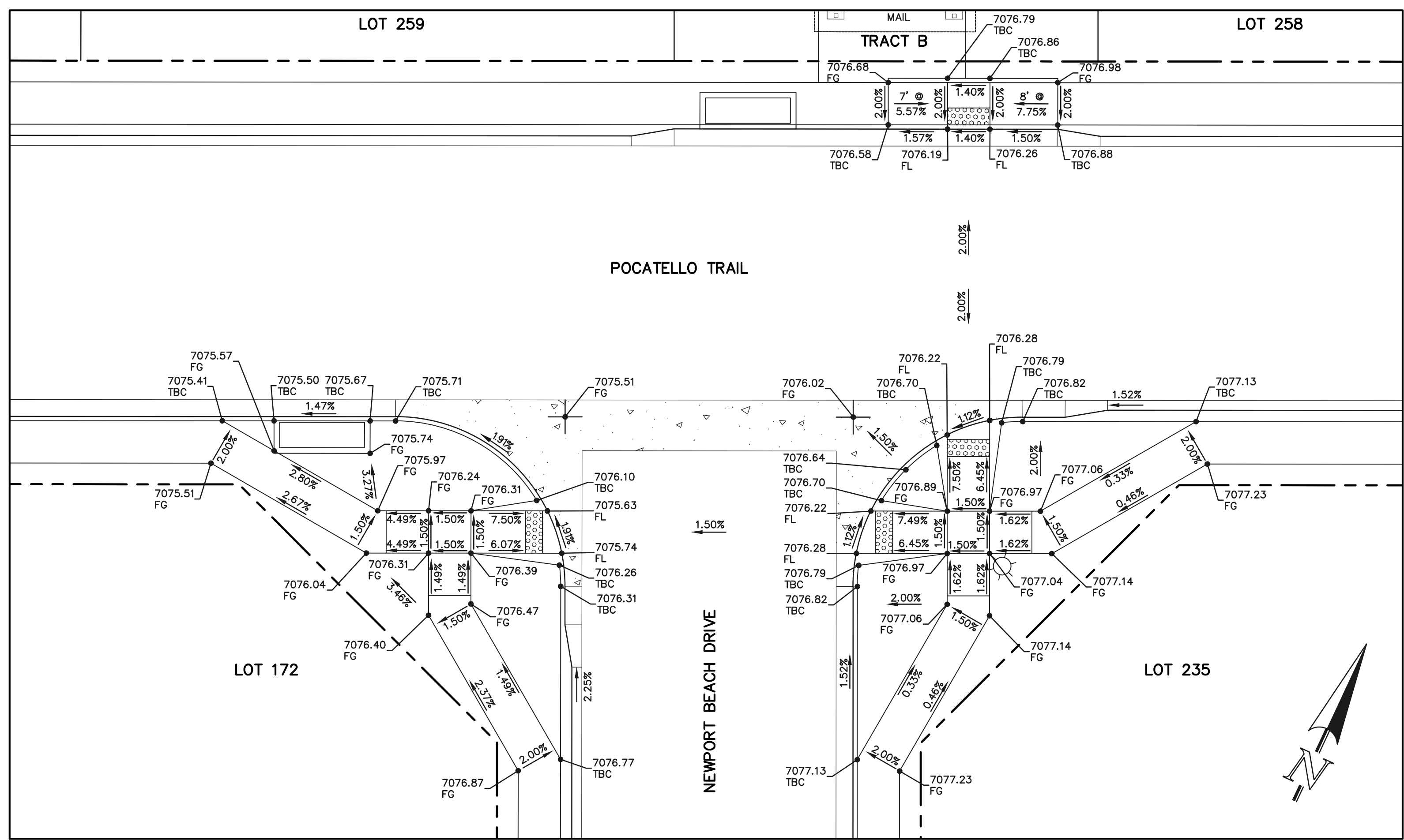
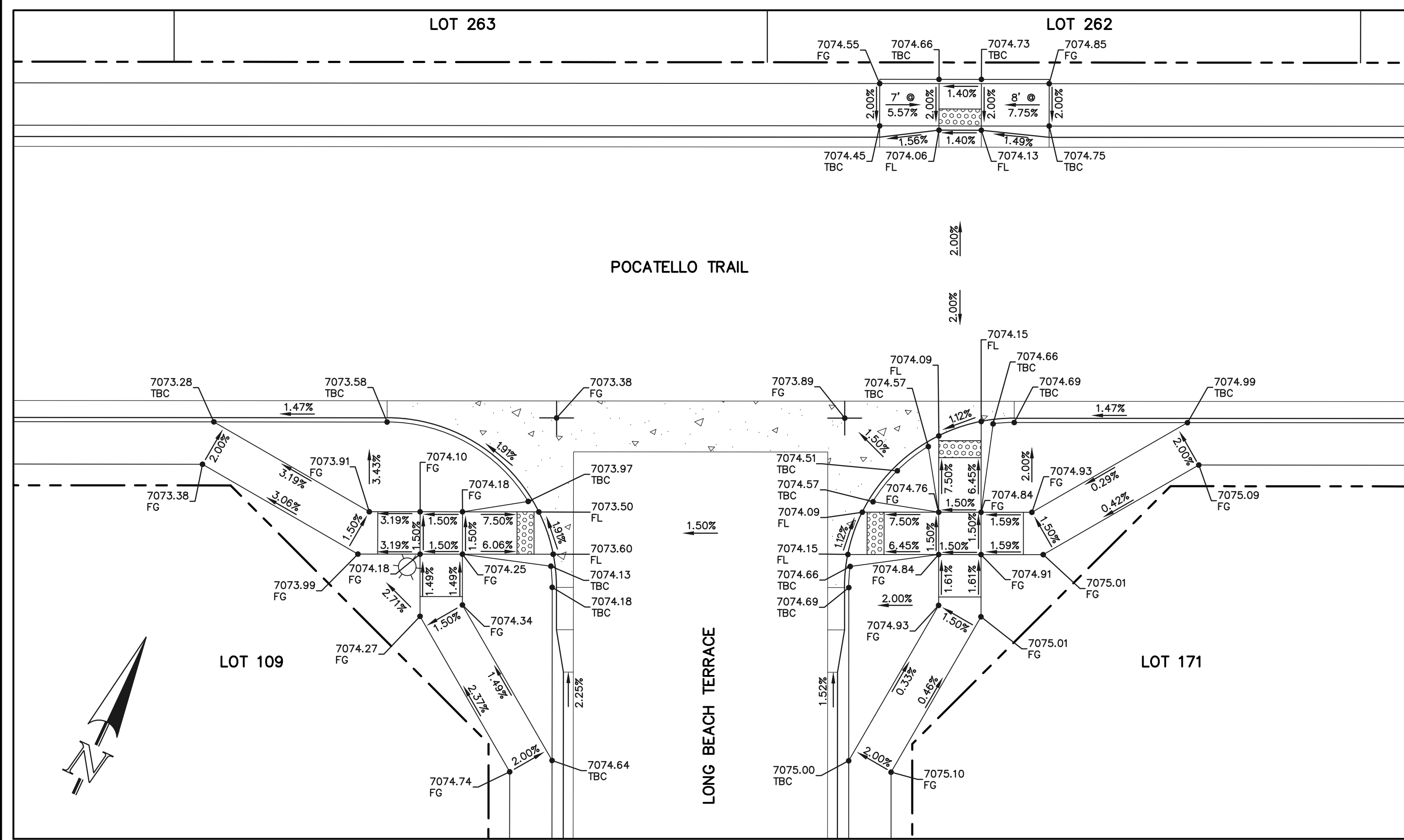
DESIGNED BY	MES	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 10'	SHEET	22 OF 53
CHECKED BY		(V) 1"= N/A	JOB NO.	1183.30

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(719) 785-0799(Fax)

PCD FILE #SF-22-035



SCALE: 1" = 10'

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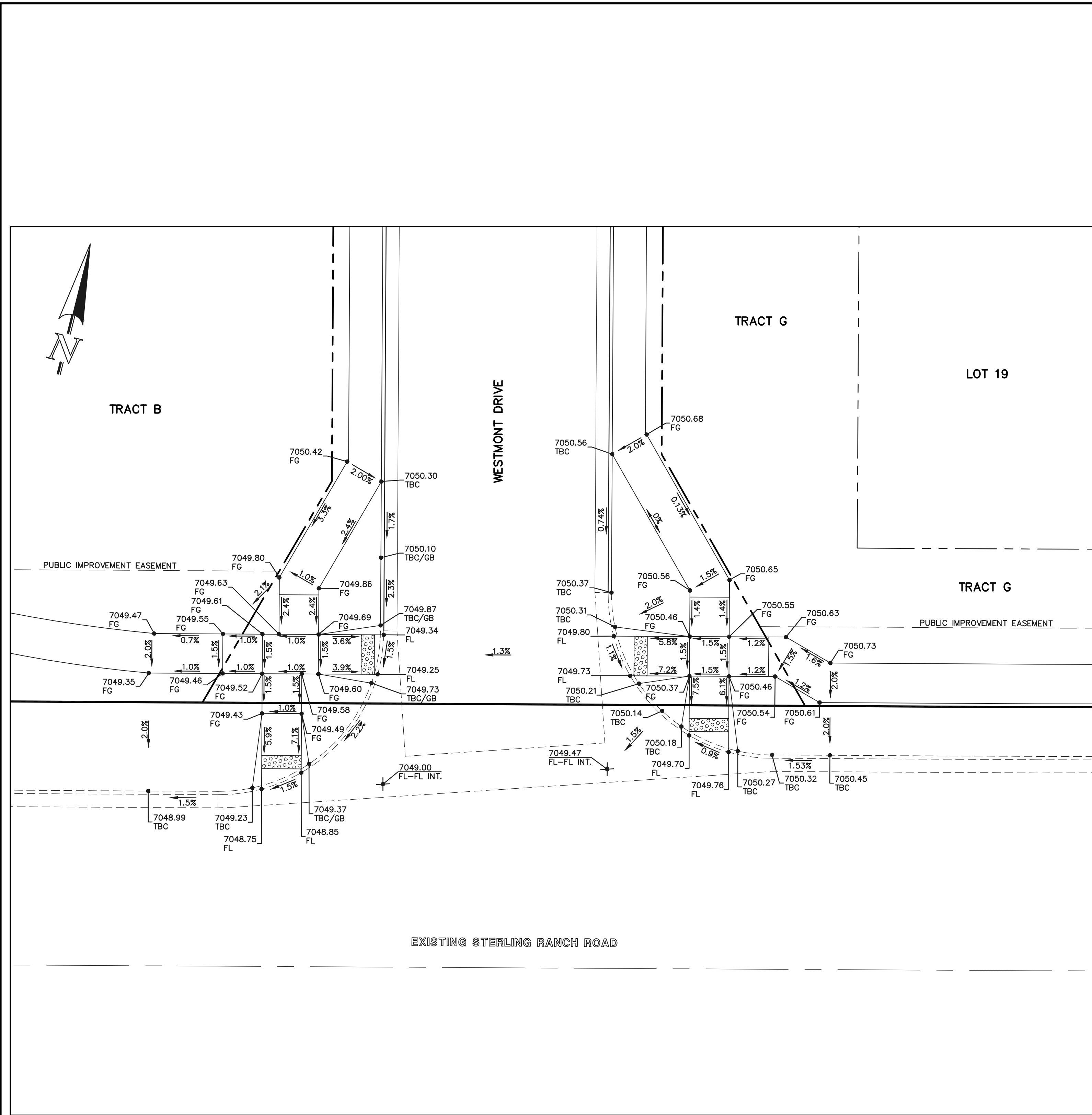
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PUBLIC STREET IMPROVEMENT PLAN
PEDESTRIAN RAMP DESIGN

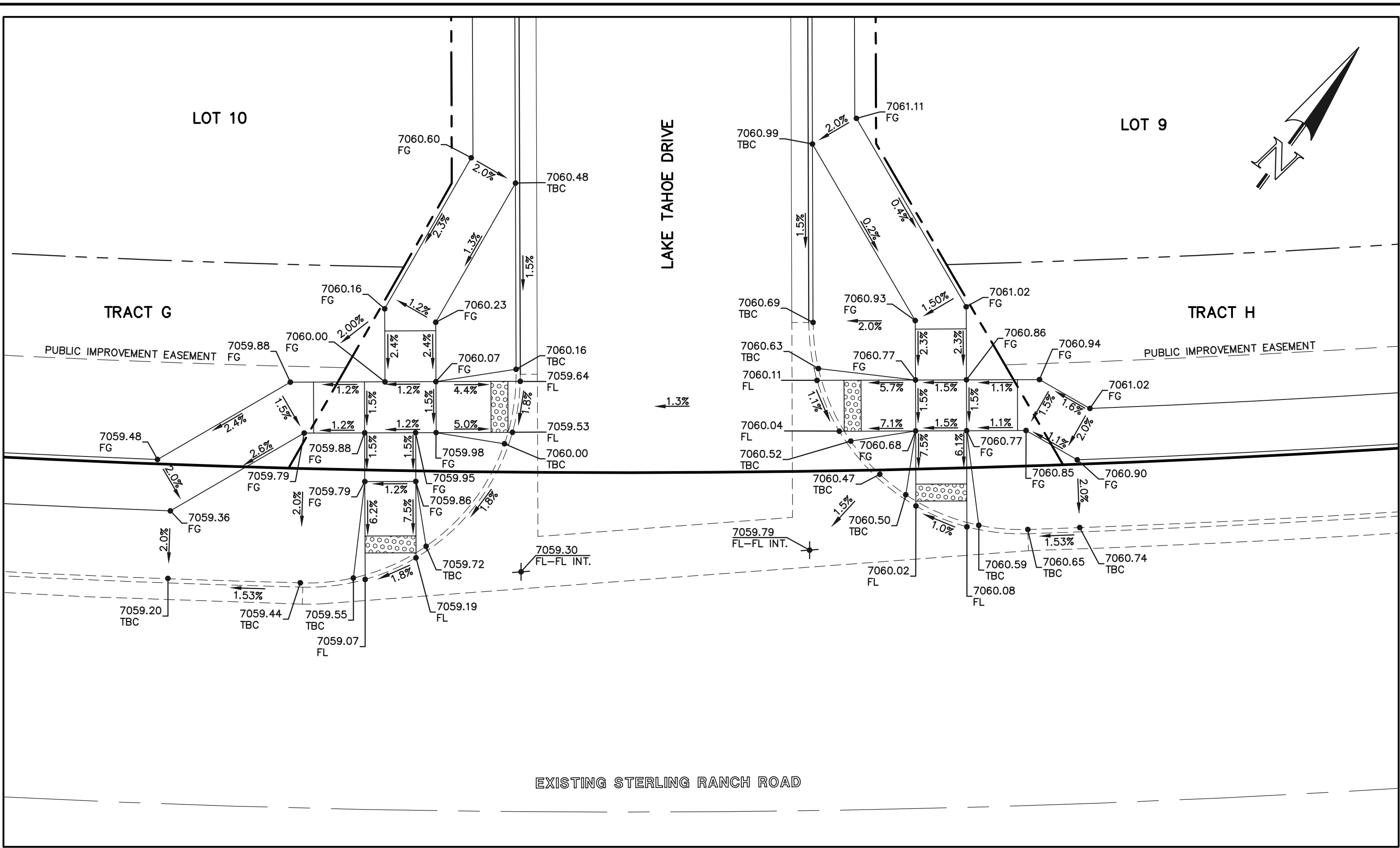
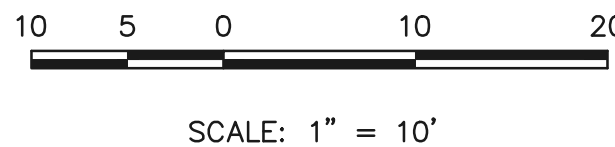
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DRAWN BY	MES	(H) 1"= 10'	SHEET	23 OF 53
CHECKED BY		(V) 1"= N/A	JOB NO.	1183.30

PCD FILE #SF-22-035

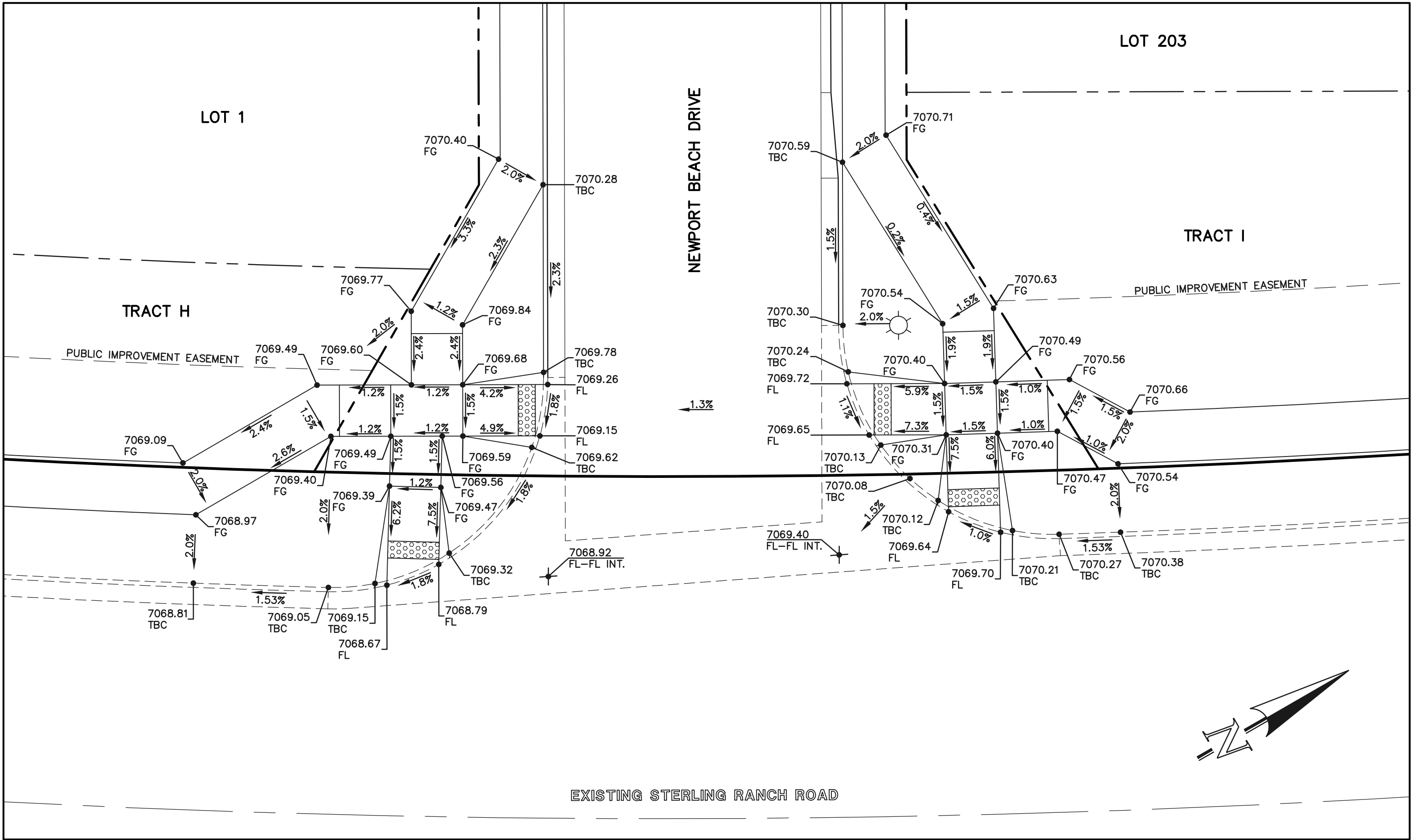


SECTION 'M'

NOTE:
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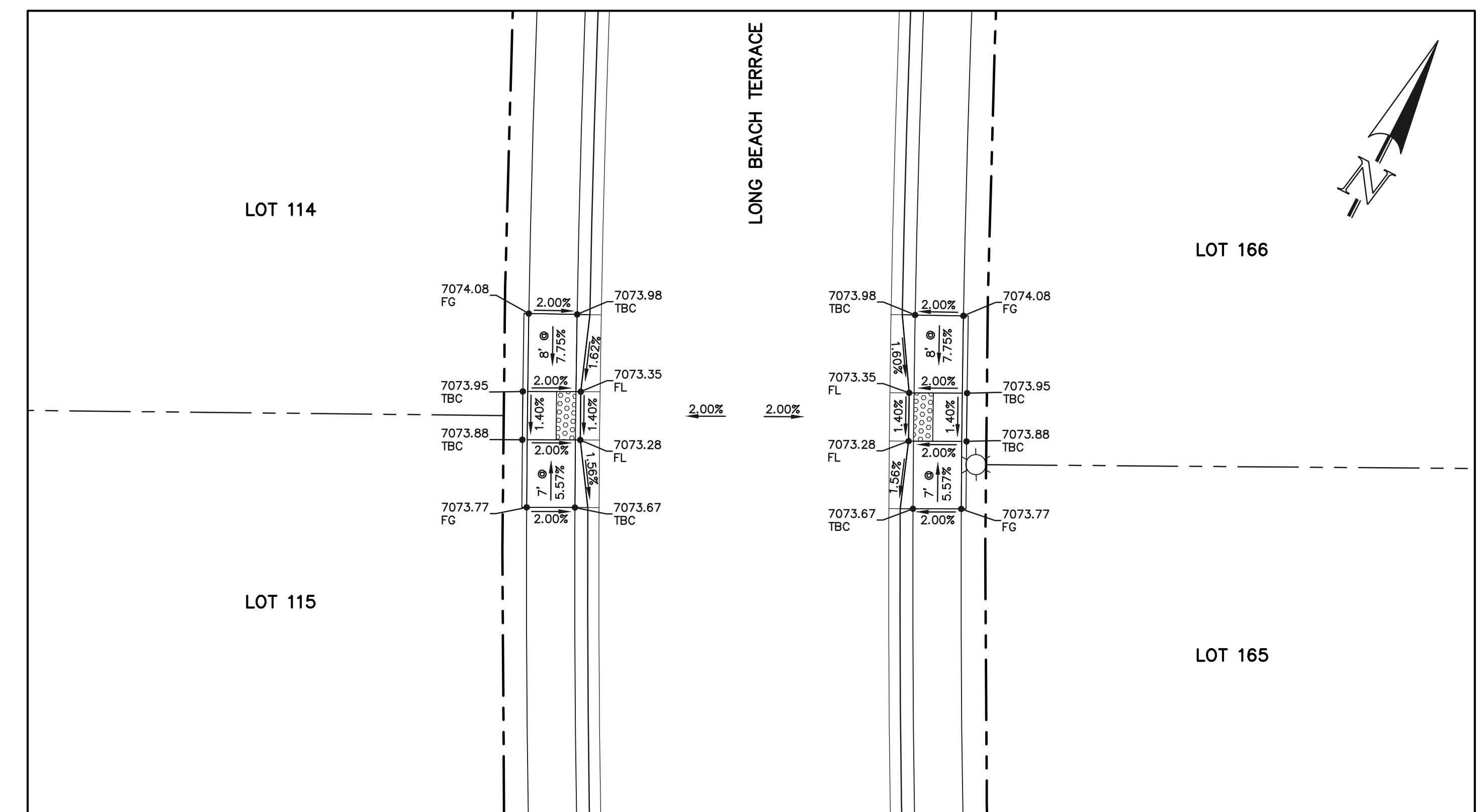
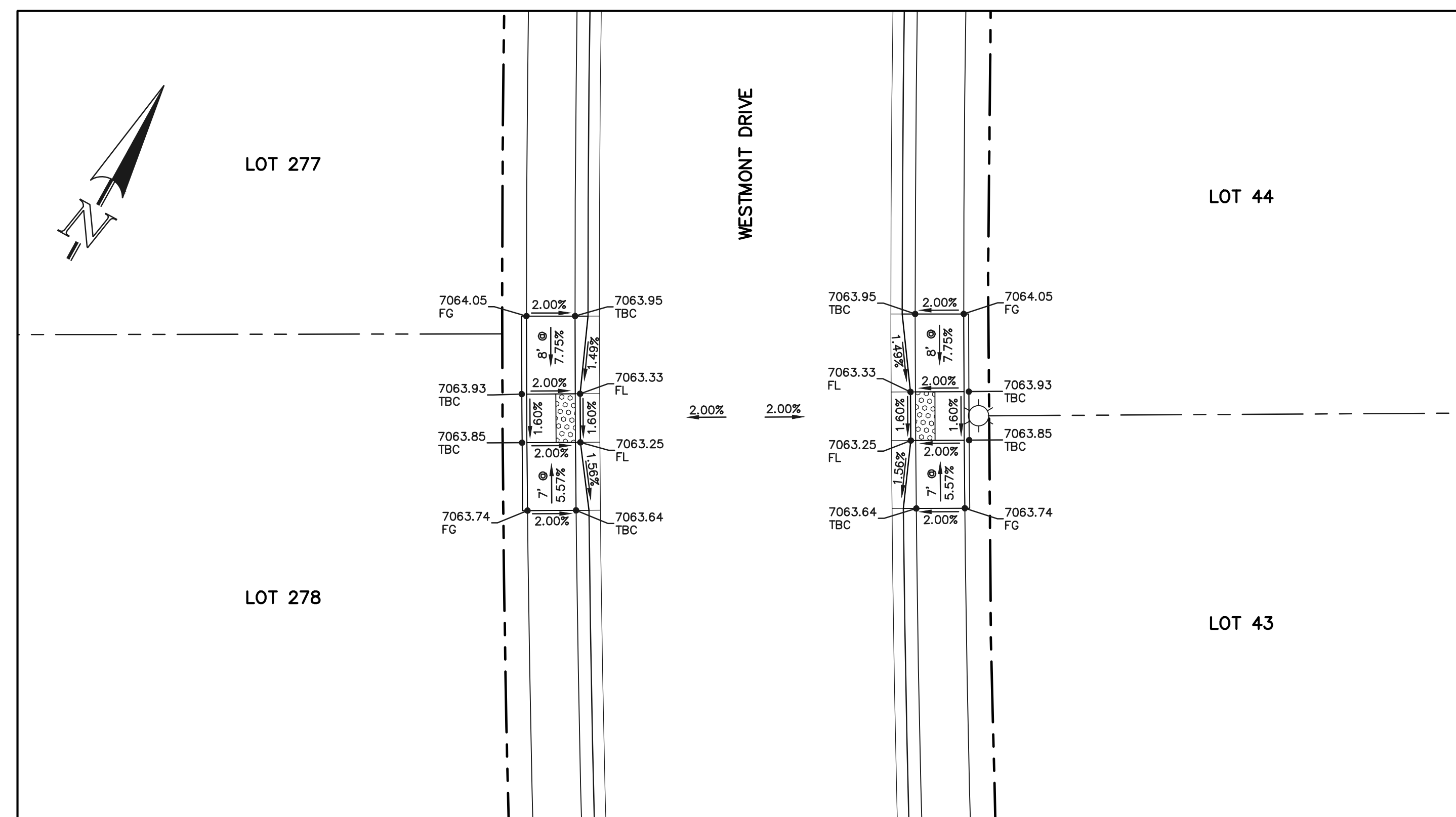
SECTION 'N'



SECTION 'O'

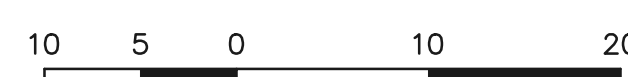
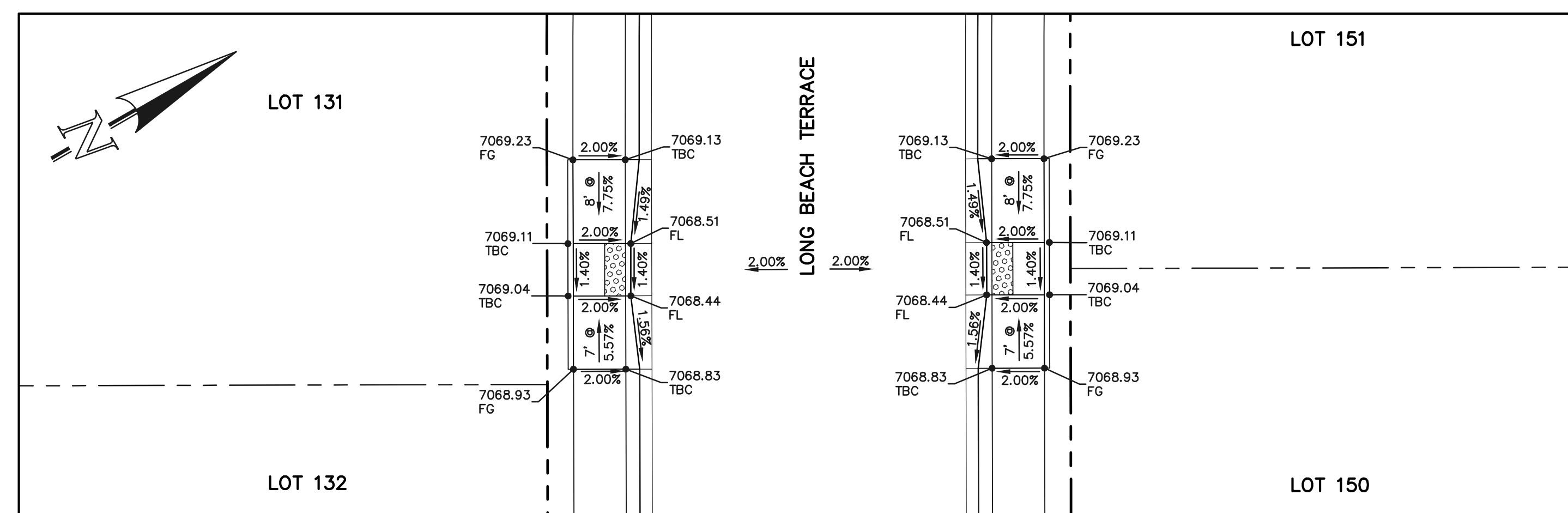
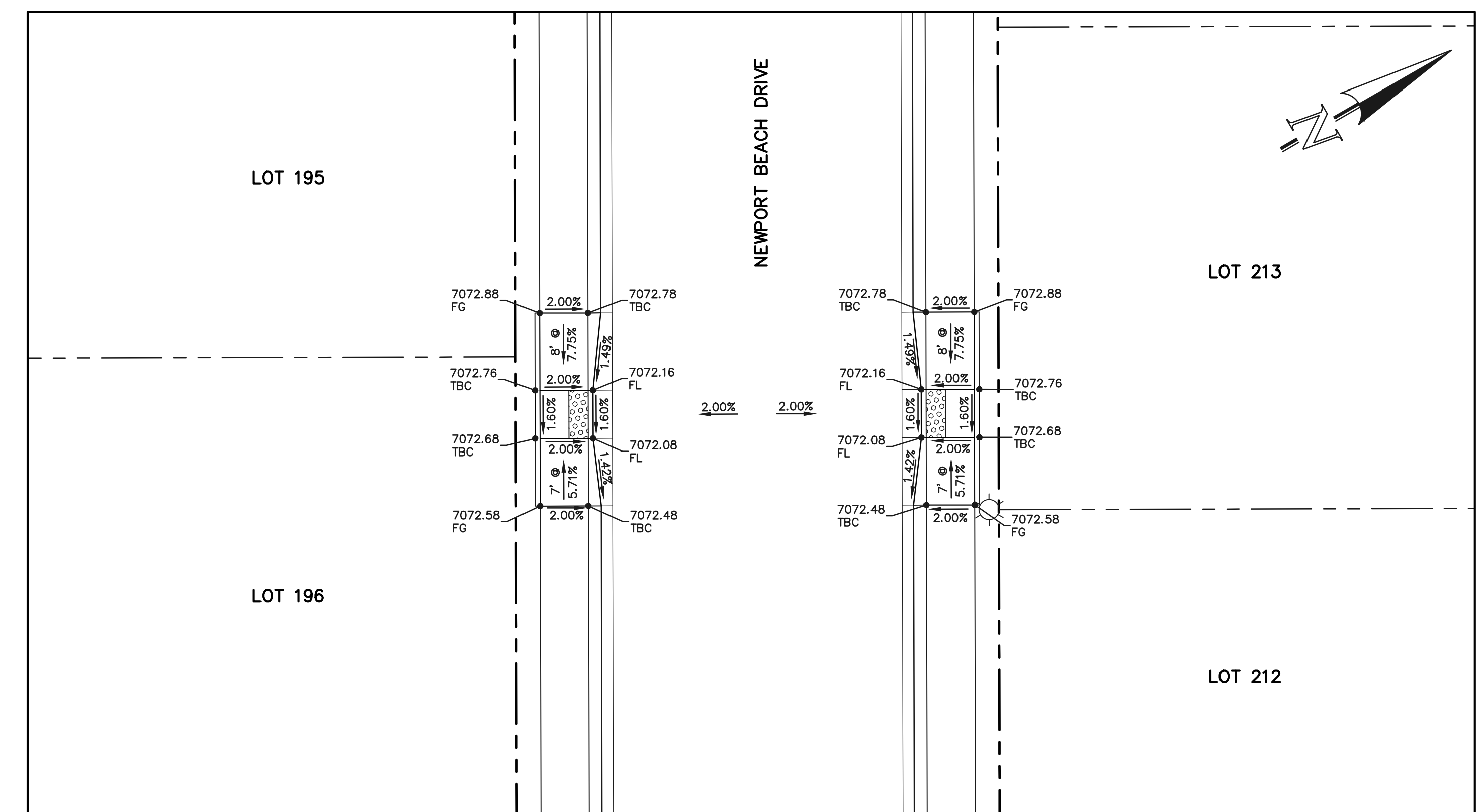
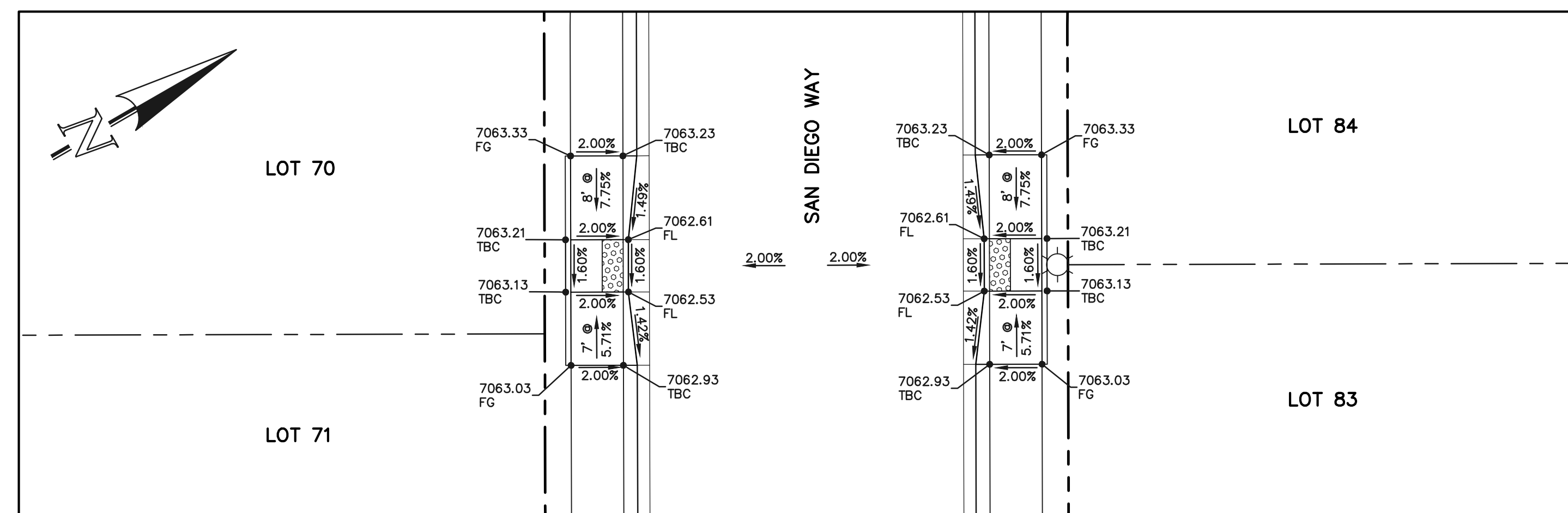
PCD FILE #SF-22-035

<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS</p> <p>811</p> <p>UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	<table border="1"><thead><tr><th>NO.</th><th>REVISION</th><th>DATE</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>		NO.	REVISION	DATE																<p>REVIEW:</p> <p>PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p>KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE</p>	<p>619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903</p> <p>(719)785-0790 (719)785-0799(Fax)</p>	<p>STERLING RANCH EAST FILING NO. 1</p> <p>CONSTRUCTION PLANS</p> <p>PUBLIC STREET IMPROVEMENT PLAN</p> <p>PEDESTRIAN RAMP DESIGN</p> <table border="1"><tr><td>DESIGNED BY</td><td>MES</td><td>SCALE</td><td>DATE</td><td>08/31/22</td></tr><tr><td>DRAWN BY</td><td>MES</td><td>(H) 1"= 10'</td><td>SHEET</td><td>24 OF 53</td></tr><tr><td>CHECKED BY</td><td> </td><td>(V) 1"= N/A</td><td>JOB NO.</td><td>1183.30</td></tr></table>	DESIGNED BY	MES	SCALE	DATE	08/31/22	DRAWN BY	MES	(H) 1"= 10'	SHEET	24 OF 53	CHECKED BY		(V) 1"= N/A	JOB NO.	1183.30
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<p>CLASSIC CONSULTING</p>																																						



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[illegible]

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CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794

DATE _____



619 N. Cascade Avenue, Suite 200 (719)785-0790
Colorado Springs, Colorado 80903 (719)785-0799(Fax)


STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
PEDESTRIAN RAMP DESIGN

DESIGNED BY	MES	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 10'	SHEET	25 OF 53
CHECKED BY		(V) 1"= N/A	JOB NO.	1183.30

PCD FILE #SF-22-035



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STERLING RANCH EAST FILING NO. 1

CONSTRUCTION PLANS

PUBLIC STREET IMPROVEMENT PLAN

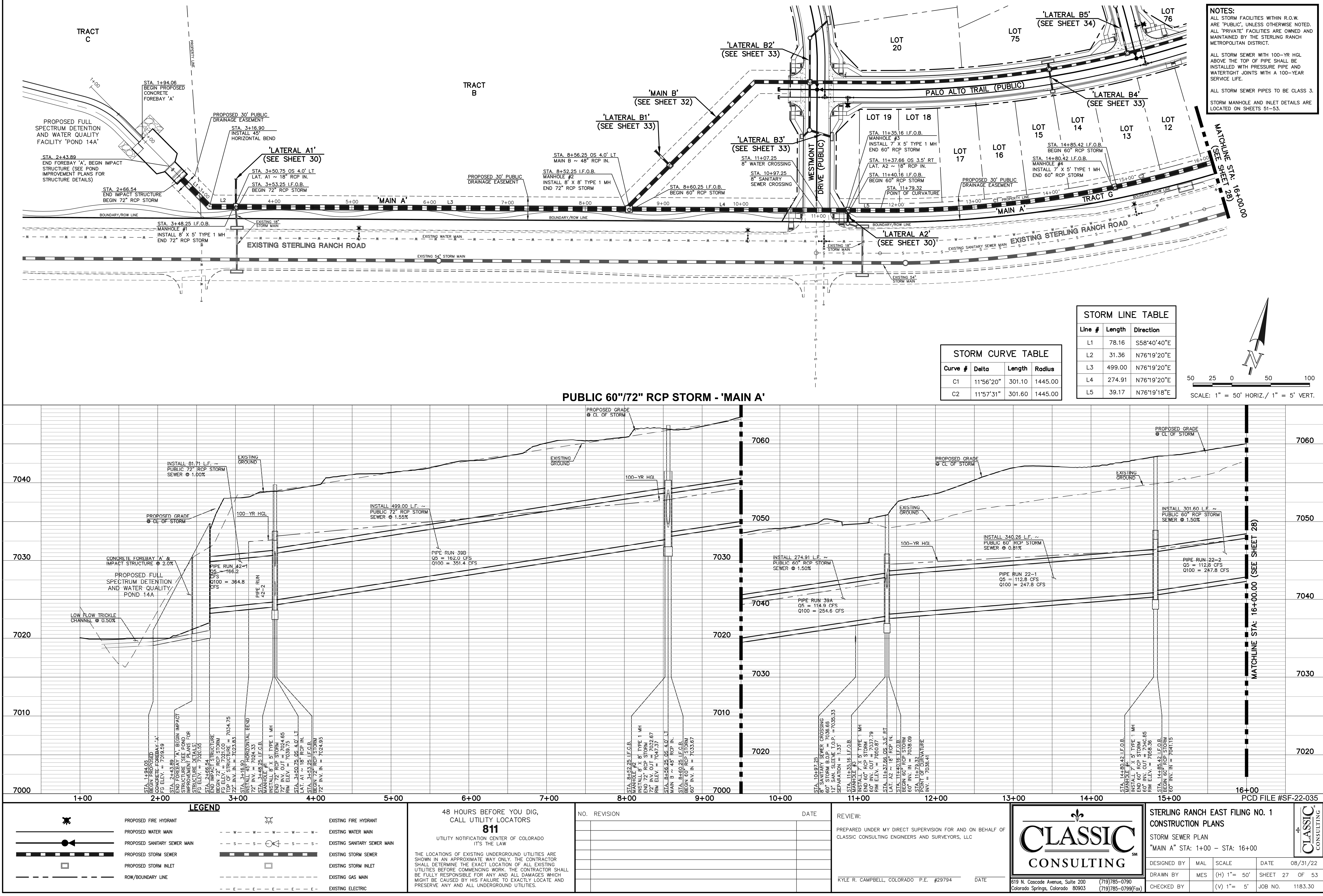
STREET LIGHT POLE LOCATION

DESIGNED BY	MES	SCALE	DATE	08/31/22	OF 5
DRAWN BY	MES	(H) 1"= N/A	SHEET	26	OF 5
CHECKED BY	(V) 1"= N/A	JOB NO.	1183.30		

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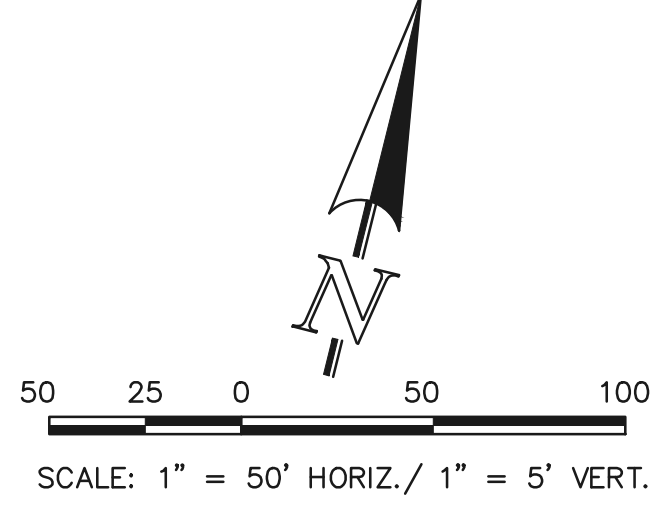
N:\118330\DRAWINGS\CONSTRUCTION\STORM\27-118330-STW-01.dwg, 11/7/2023 9:27:46 AM, 1:1



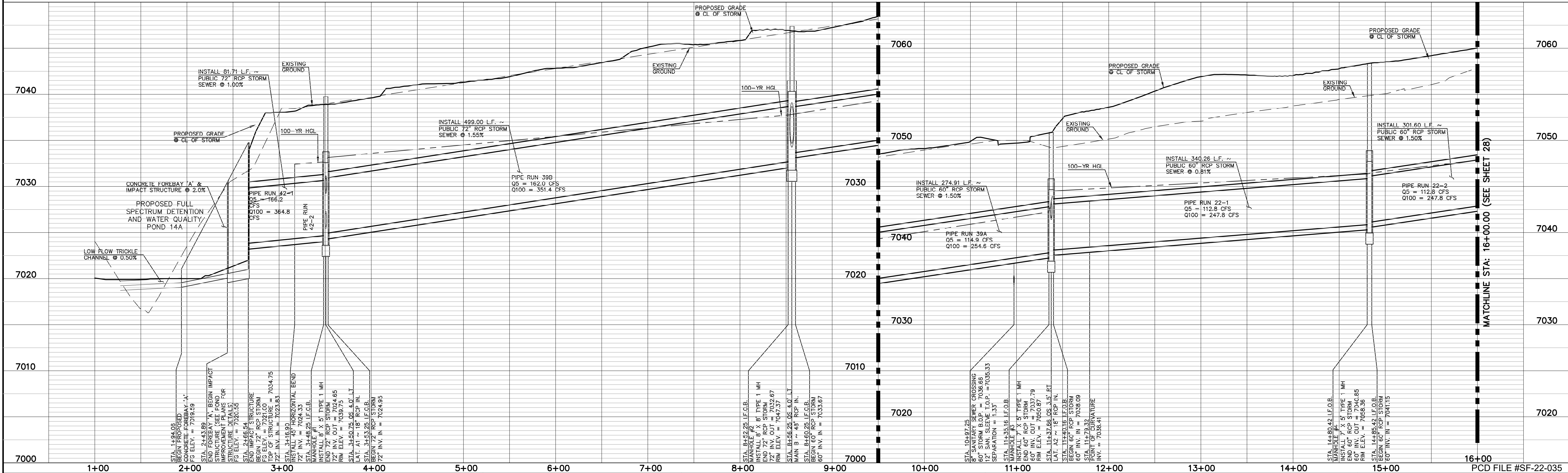
NOTES:
ALL STORM FACILITIES WITHIN R.O.W. ARE "PUBLIC", UNLESS OTHERWISE NOTED. ALL "PRIVATE" FACILITIES ARE OWNED AND MAINTAINED BY THE STERLING RANCH METROPOLITAN DISTRICT.
ALL STORM SEWER WITH 100-YR HGL ABOVE THE TOP OF PIPE SHALL BE INSTALLED WITH PRESSURE PIPE AND WATERTIGHT JOINTS WITH A 100-YEAR SERVICE LIFE.
ALL STORM SEWER PIPES TO BE CLASS 3.
STORM MANHOLE AND INLET DETAILS ARE LOCATED ON SHEETS 51-53.

STORM LINE TABLE		
Line #	Length	Direction
L1	78.16	S58°40'40"E
L2	31.36	N76°19'20"E
L3	499.00	N76°19'20"E
L4	274.91	N76°19'20"E
L5	39.17	N76°19'18"E

STORM CURVE TABLE			
Curve #	Delta	Length	Radius
C1	11°56'20"	301.10	1445.00
C2	11°57'31"	301.60	1445.00



PUBLIC 60"/72" RCP STORM - 'MAIN A'



LEGEND

	PROPOSED FIRE HYDRANT		EXISTING FIRE HYDRANT
	PROPOSED WATER MAIN		EXISTING WATER MAIN
	PROPOSED SANITARY SEWER MAIN		EXISTING SANITARY SEWER MAIN
	PROPOSED STORM SEWER		EXISTING STORM SEWER
	PROPOSED STORM INLET		EXISTING STORM INLET
	ROW/BOUNDARY LINE		EXISTING GAS MAIN
			EXISTING ELECTRIC

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(719)785-0790
(719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
STORM SEWER PLAN
"MAIN A" STA: 1+00 - STA: 16+00

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET	27 OF 53
CHECKED BY		(V) 1"= 5'	JOB NO.	1183.30

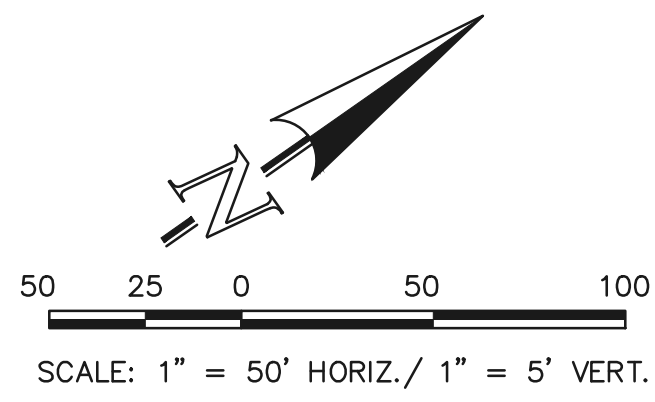
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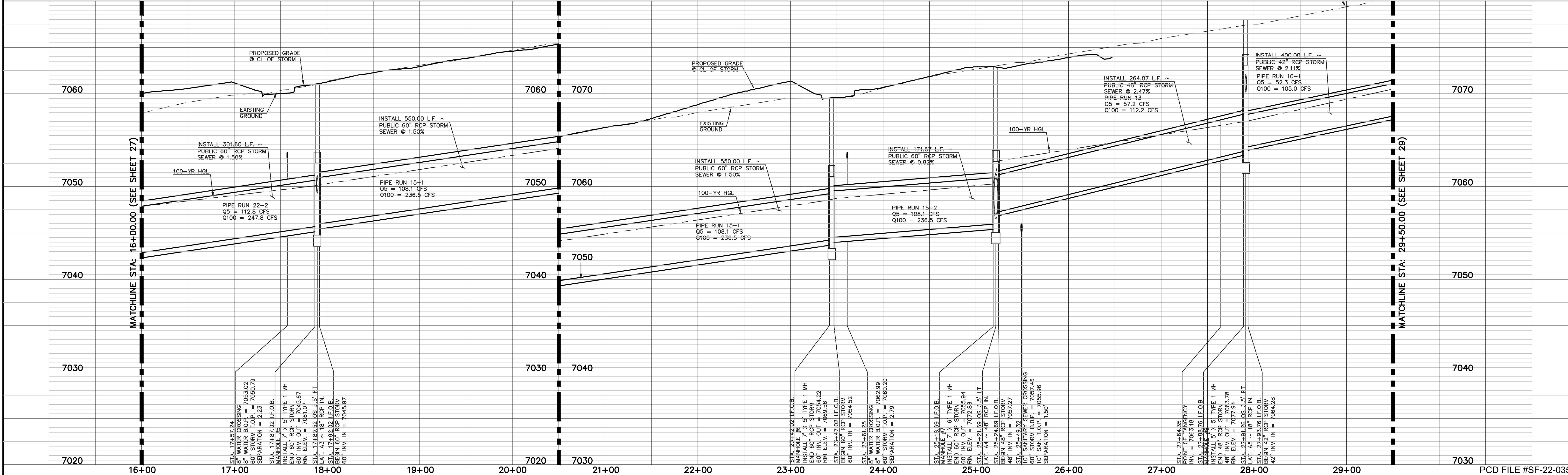
ALL STORM SEWER PIPES TO BE CLASS 3.
STORM MANHOLE AND INLET DETAILS ARE
LOCATED ON SHEETS 51-53.

STORM LINE TABLE		
Line #	Length	Direction
L6	24.41	N13°28'29"E
L7	400.00	N13°28'29"E

STORM CURVE TABLE			
Curve #	Delta	Length	Radius
C2	11°57'31"	301.60	1445.00
C3	21°48'29"	550.00	1445.00
C4	6°48'24"	171.67	1445.00
C5	9°30'10"	239.66	1445.00



PUBLIC 42"/48"/60" RCP STORM - 'MAIN A'



LEGEND

PROPOSED FIRE HYDRANT	EXISTING FIRE HYDRANT
PROPOSED WATER MAIN	EXISTING WATER MAIN
PROPOSED SANITARY SEWER MAIN	EXISTING SANITARY SEWER MAIN
PROPOSED STORM SEWER	EXISTING STORM SEWER
PROPOSED STORM INLET	EXISTING STORM INLET
ROW/BOUNDARY LINE	EXISTING GAS MAIN
	EXISTING ELECTRIC

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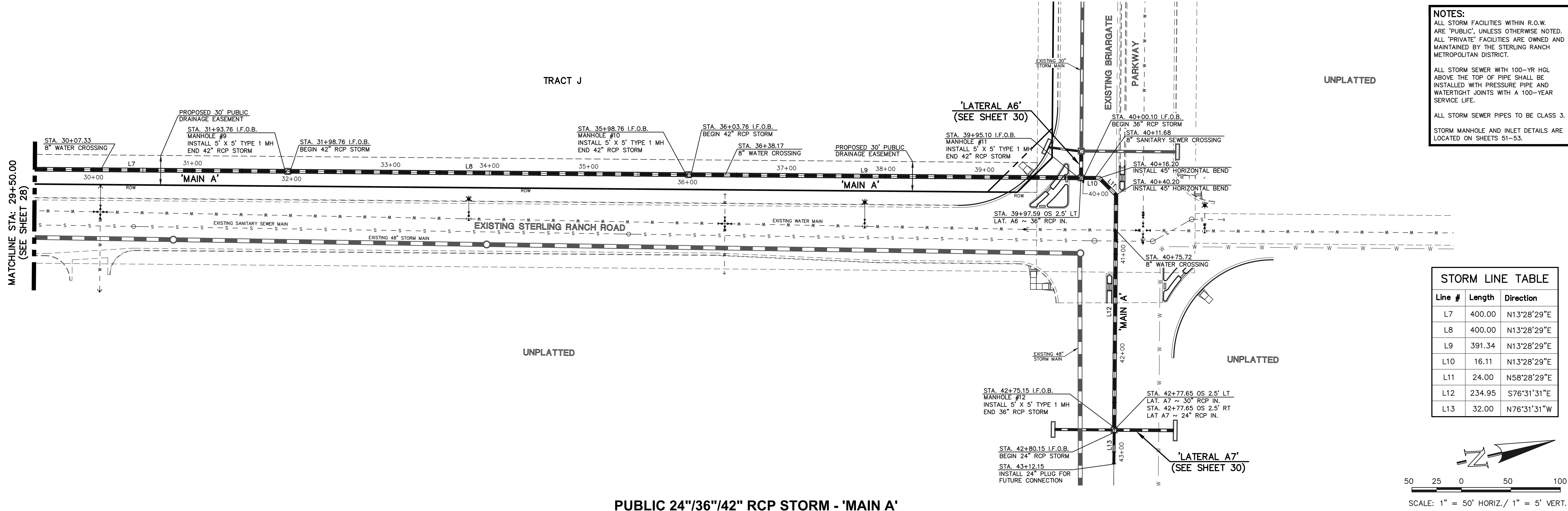
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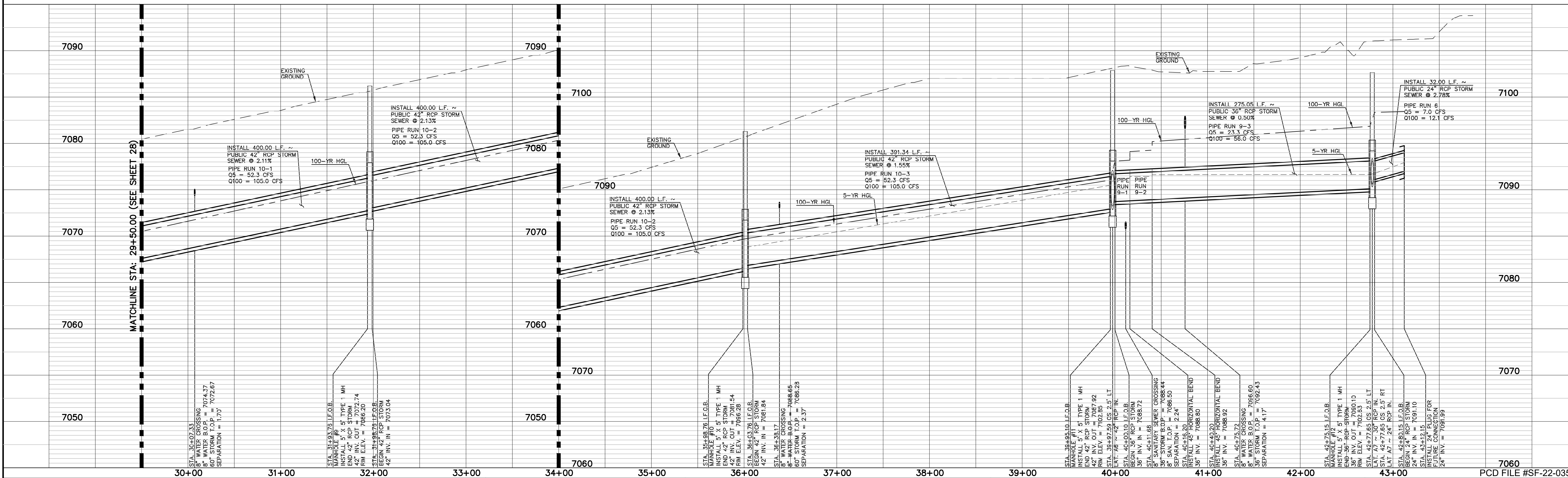
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
STORM SEWER PLANS
"MAIN A" STA: 16+00 - STA: 29+50

DESIGNED BY	MAL	SCALE	DATE
DRAWN BY	MES	(H) 1" = 50'	SHEET 28 OF 53
CHECKED BY		(V) 1" = 5'	JOB NO. 1183.30

N:\118330\DRAWINGS\CONSTRUCTION\STORM\29-118330-STW-03.dwg, 11/7/2023 9:47:41 AM, 1:1



PUBLIC 24"/36"/42" RCP STORM - 'MAIN A'



LEGEND

	PROPOSED FIRE HYDRANT		EXISTING FIRE HYDRANT
	PROPOSED WATER MAIN		EXISTING WATER MAIN
	PROPOSED SANITARY SEWER MAIN		EXISTING SANITARY SEWER MAIN
	PROPOSED STORM SEWER		EXISTING STORM SEWER
	PROPOSED STORM INLET		EXISTING STORM INLET
	ROW/BOUNDARY LINE		EXISTING GAS MAIN
			EXISTING ELECTRIC

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
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UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

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NO.	REVISION	DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE:

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
STORM SEWER PLANS
"MAIN A" STA: 29+50 - END

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET	29 OF 53
CHECKED BY		(V) 1"= 5'	JOB NO.	1183.30

CLASSIC CONSULTING

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

(719)785-0790
(719)785-0799(fax)

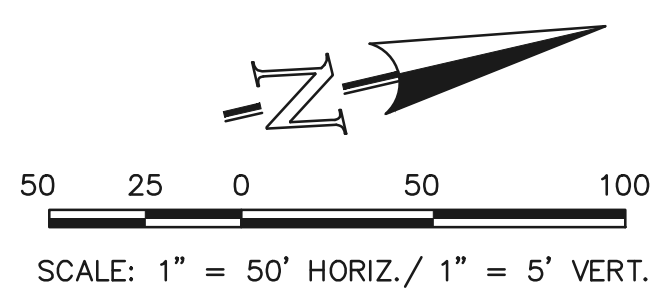
NOTES:
ALL STORM FACILITIES WITHIN R.O.W.
ARE "PUBLIC", UNLESS OTHERWISE NOTED.
ALL "PRIVATE" FACILITIES ARE OWNED AND
MAINTAINED BY THE STERLING RANCH
METROPOLITAN DISTRICT.

ALL STORM SEWER WITH 100-YR HGL
ABOVE THE TOP OF PIPE SHALL BE
INSTALLED WITH PRESSURE PIPE AND
WATERTIGHT JOINTS WITH A 100-YEAR
SERVICE LIFE.

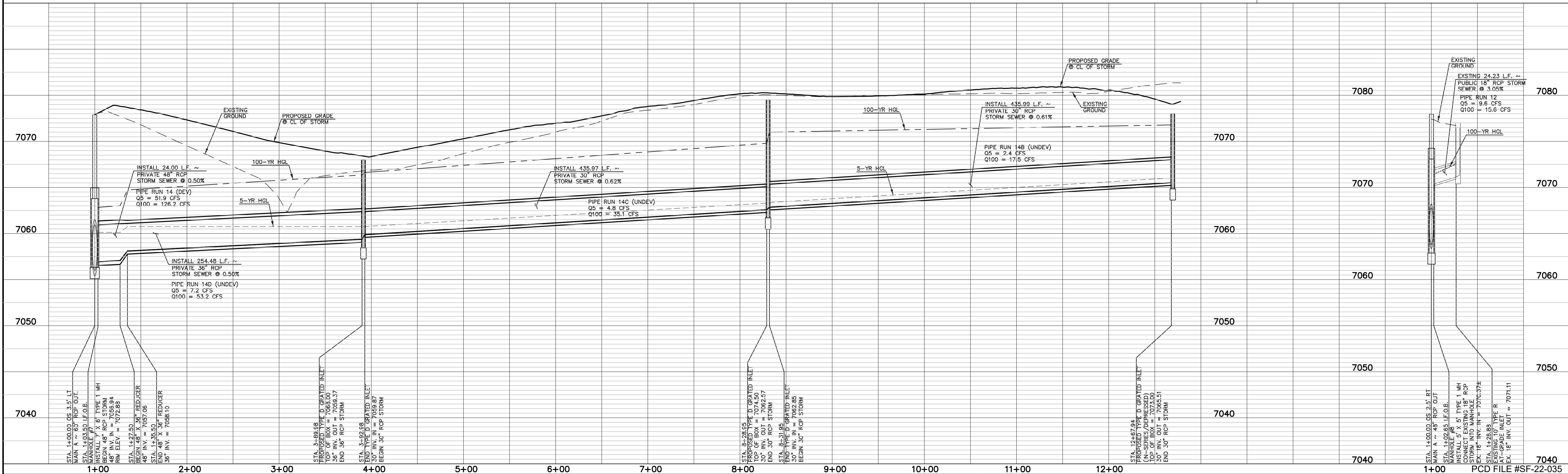
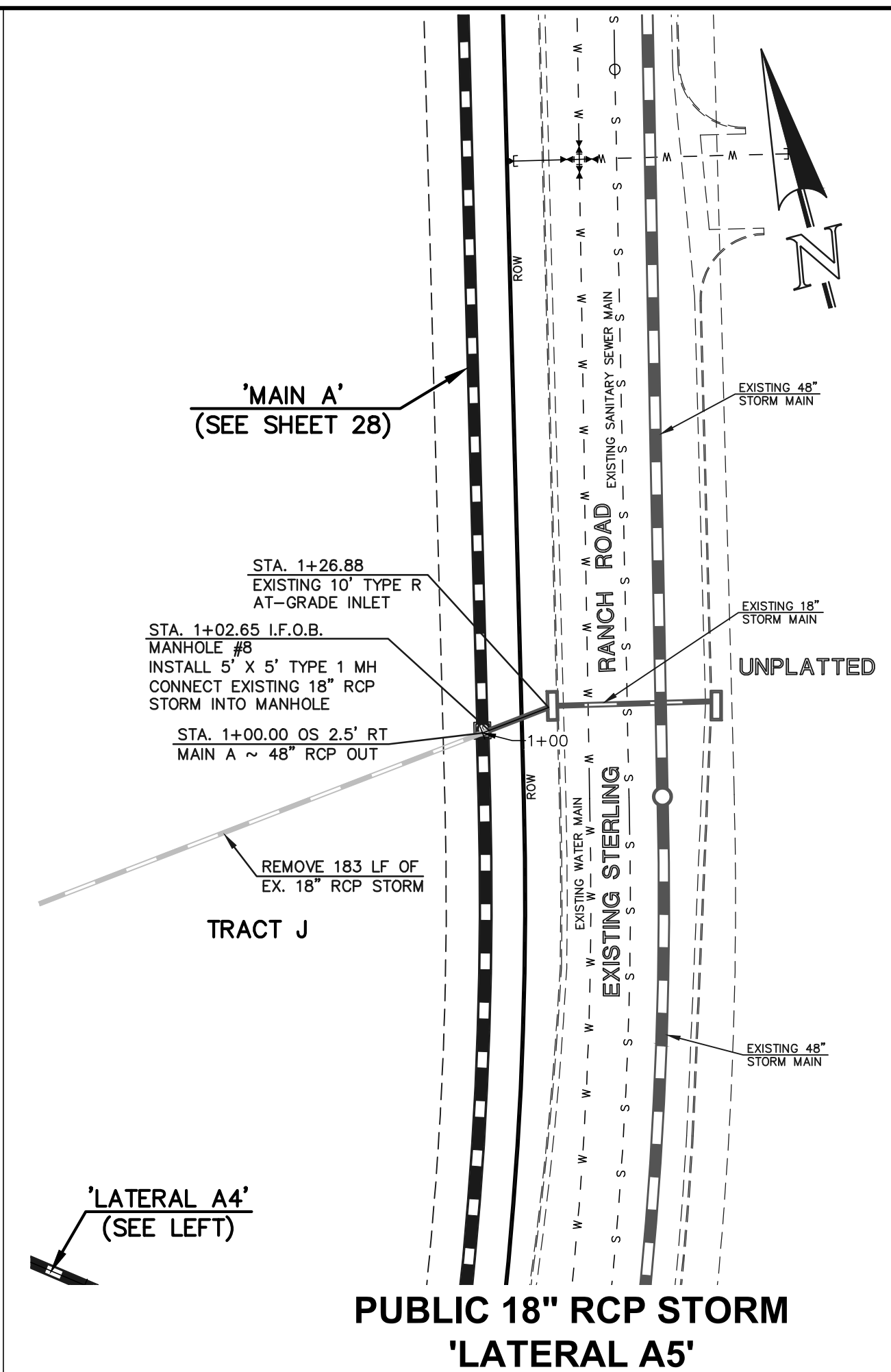
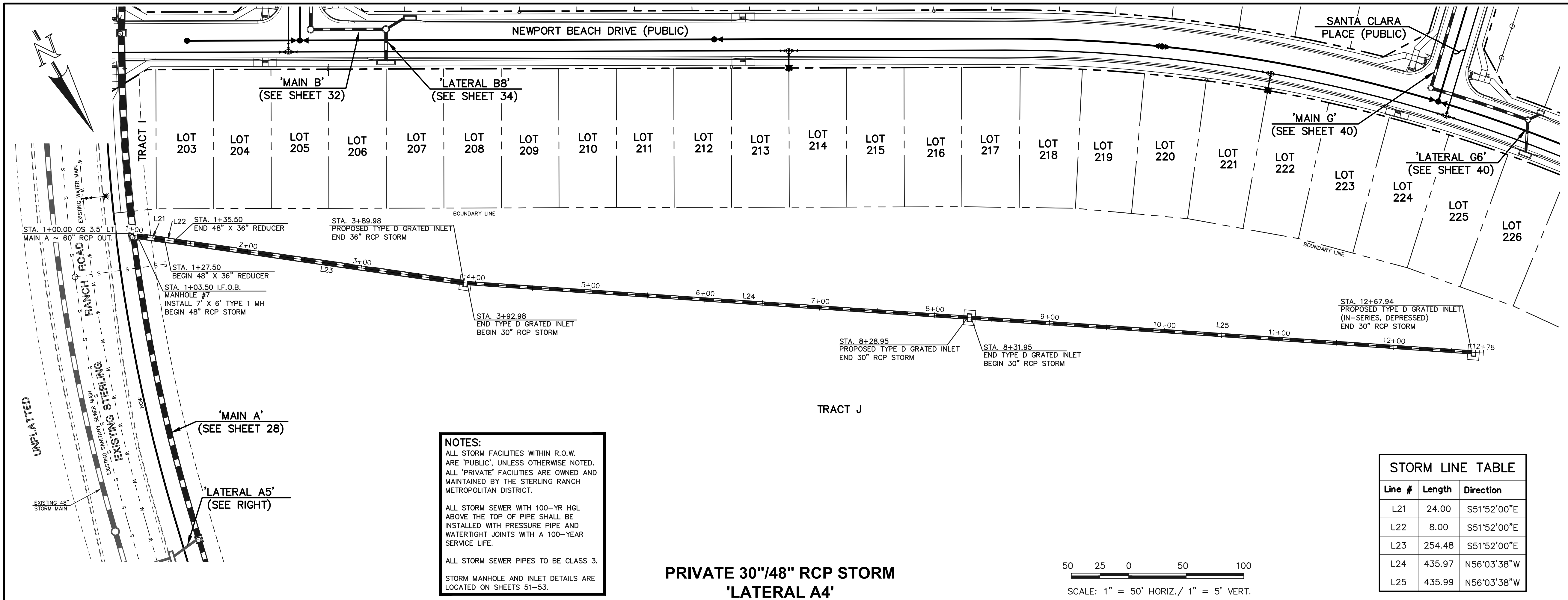
ALL STORM SEWER PIPES TO BE CLASS 3.

STORM MANHOLE AND INLET DETAILS ARE
LOCATED ON SHEETS 51-53.

STORM LINE TABLE		
Line #	Length	Direction
L7	400.00	N13°28'29"E
L8	400.00	N13°28'29"E
L9	391.34	N13°28'29"E
L10	16.11	N13°28'29"E
L11	24.00	N58°28'29"E
L12	234.95	S76°31'31"W
L13	32.00	N76°31'31"W



N:\118330\DRAWINGS\CONSTRUCTION\STORM\31-118330-STW-05.dwg, 11/7/2023 10:05:18 AM, 1:1



LEGEND

PROPOSED FIRE HYDRANT

PROPOSED WATER MAIN

PROPOSED SANITARY SEWER MAIN

PROPOSED STORM SEWER

PROPOSED STORM INLET

ROW/BOUNDARY LINE

EXISTING FIRE HYDRANT

EXISTING WATER MAIN

EXISTING SANITARY SEWER MAIN

EXISTING STORM SEWER

EXISTING STORM INLET

EXISTING GAS MAIN

EXISTING ELECTRIC

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NO. REVISION

DATE

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KYLE R. CAMPBELL, COLORADO P.E. #29794

DATE

CLASSIC CONSULTING

619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903 (719)785-0790 (719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS

STORM SEWER PLANS

LATERALS A4 & A5

DESIGNED BY MAL

DRAWN BY MES

CHECKED BY

SCALE (H) 1" = 50'

(V) 1" = 5'

DATE 08/31/22

SHEET 31 OF 53

JOB NO. 1183.30

NOTES:
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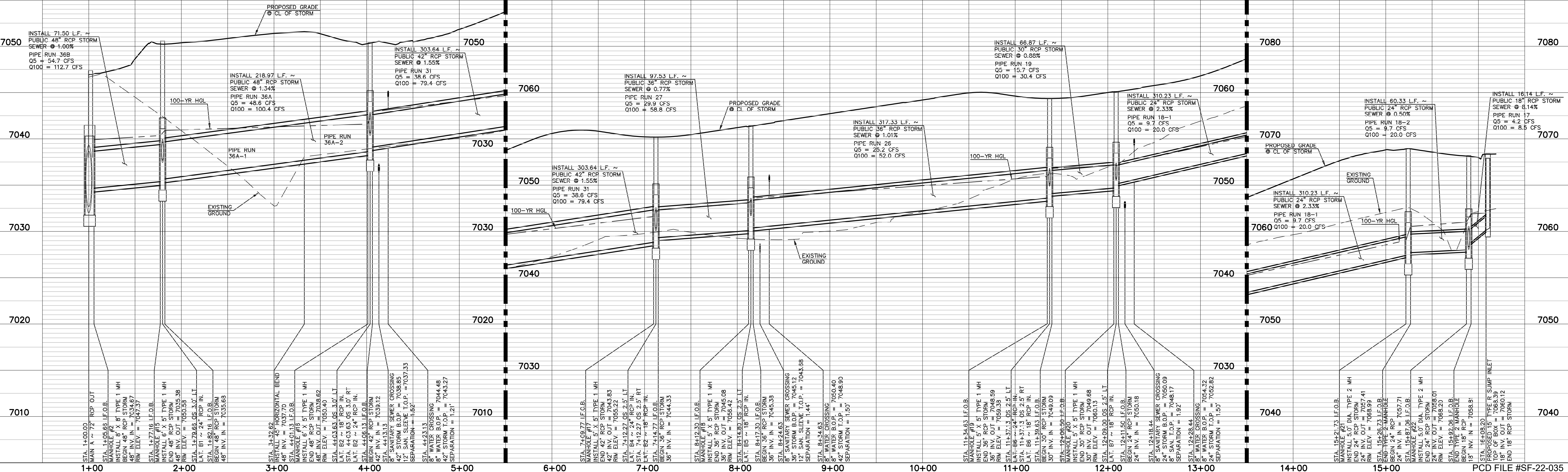
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ALL STORM SEWER PIPES TO BE CLASS 3.

STORM MANHOLE AND INLET DETAILS ARE
LOCATED ON SHEETS 51-53.

Line #	Length	Direction
L26	71.50	N31°19'20"E
L27	150.46	N31°19'20"E
L28	68.51	N76°19'20"E
L29	89.09	N76°19'20"E
L30	60.33	N60°08'46"W
L31	16.14	S88°37'08"W

Curve #	Delta	Length	Radius
C6	9°36'01"	214.55	1280.50
C7	4°21'51"	97.53	1280.50
C8	14°11'55"	317.32	1280.50
C9	2°59'32"	66.87	1280.50
C10	13°52'53"	310.23	1280.50



LEGEND

PROPOSED FIRE HYDRANT	EXISTING FIRE HYDRANT
PROPOSED WATER MAIN	EXISTING WATER MAIN
PROPOSED SANITARY SEWER MAIN	EXISTING SANITARY SEWER MAIN
PROPOSED STORM SEWER	EXISTING STORM SEWER
PROPOSED STORM INLET	EXISTING STORM INLET
ROW/BOUNDARY LINE	EXISTING GAS MAIN
	EXISTING ELECTRIC

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NO.	REVISION	DATE

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KYLE R. CAMPBELL, COLORADO P.E. #29794

DATE

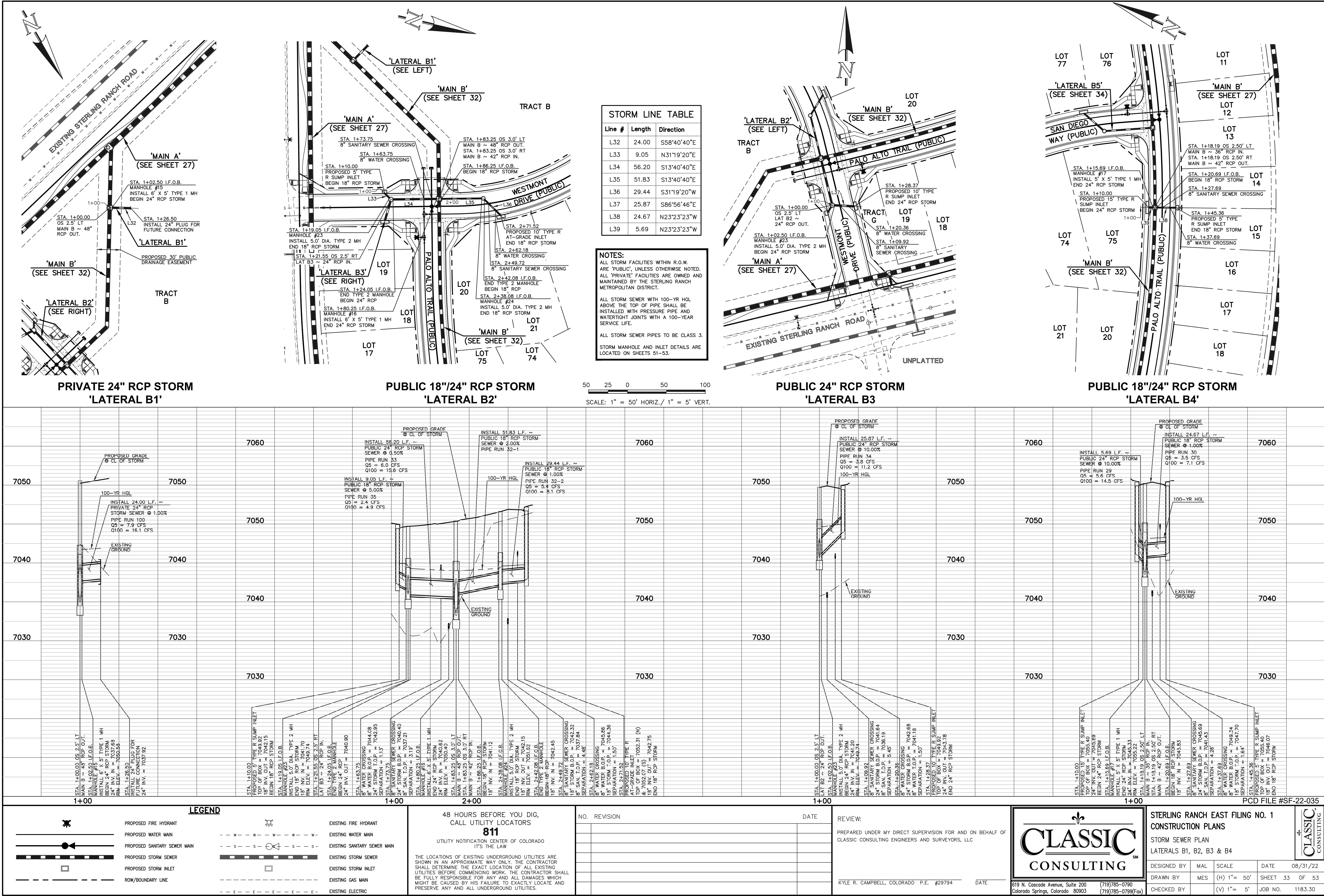
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
STORM SEWER PLANS
"MAIN B" STA: 1+00 - END

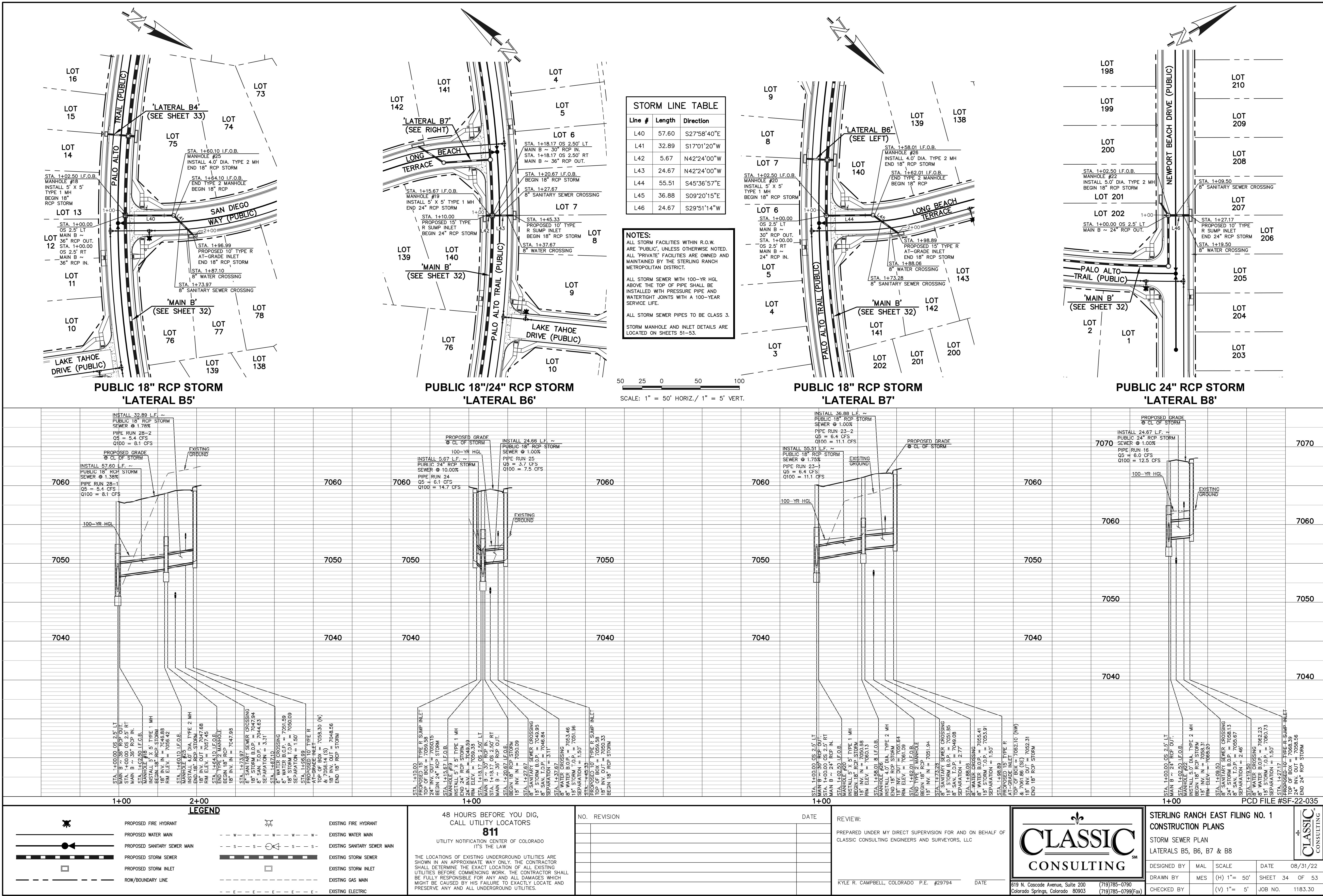
DESIGNED BY	MAL	SCALE	DATE
DRAWN BY	MES	(H) 1"= 50'	08/31/22
CHECKED BY	(V) 1"= 5'	SHEET 32 OF 53	JOB NO. 1183.30

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

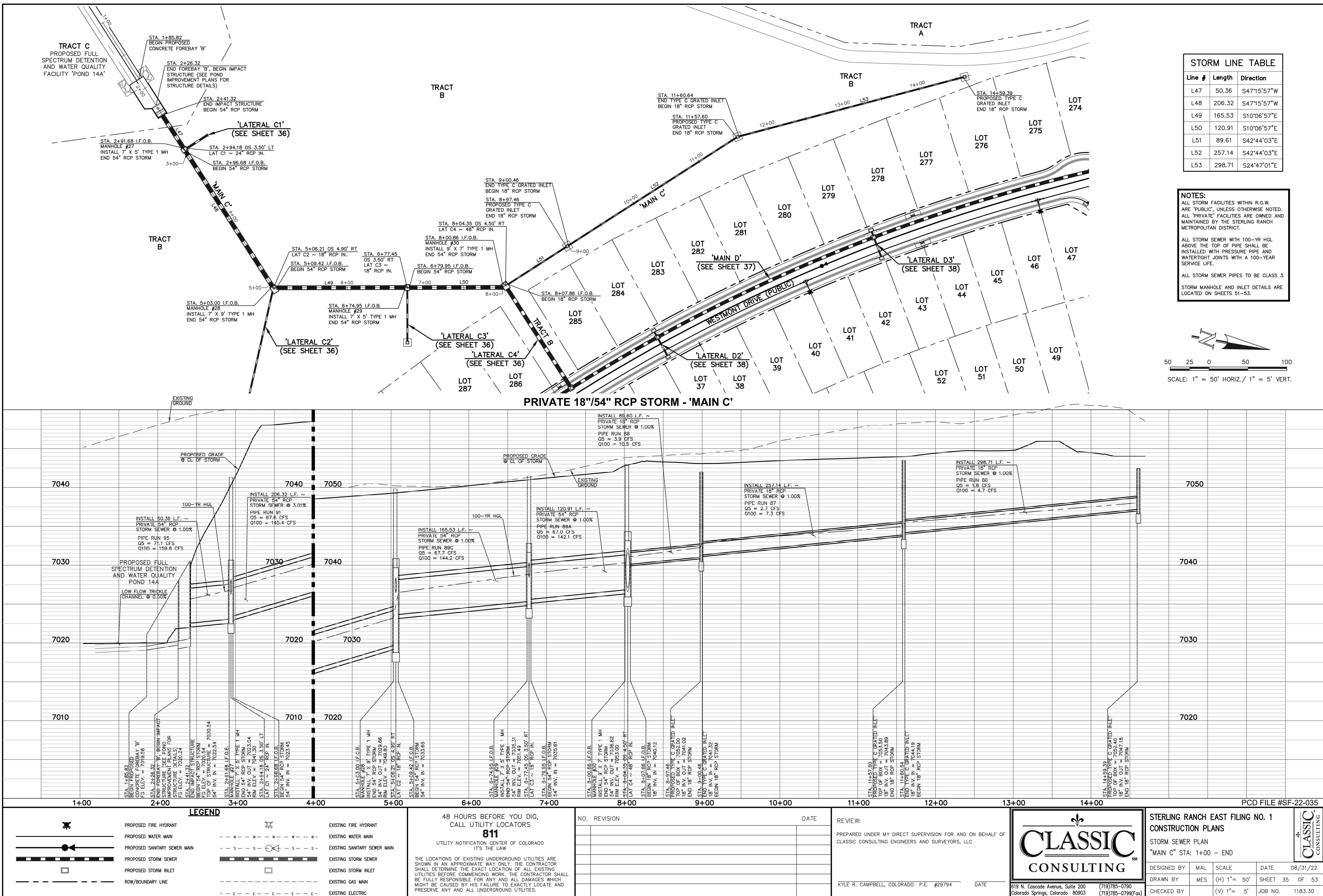
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(719)785-0799(fax)

CLASSIC CONSULTING

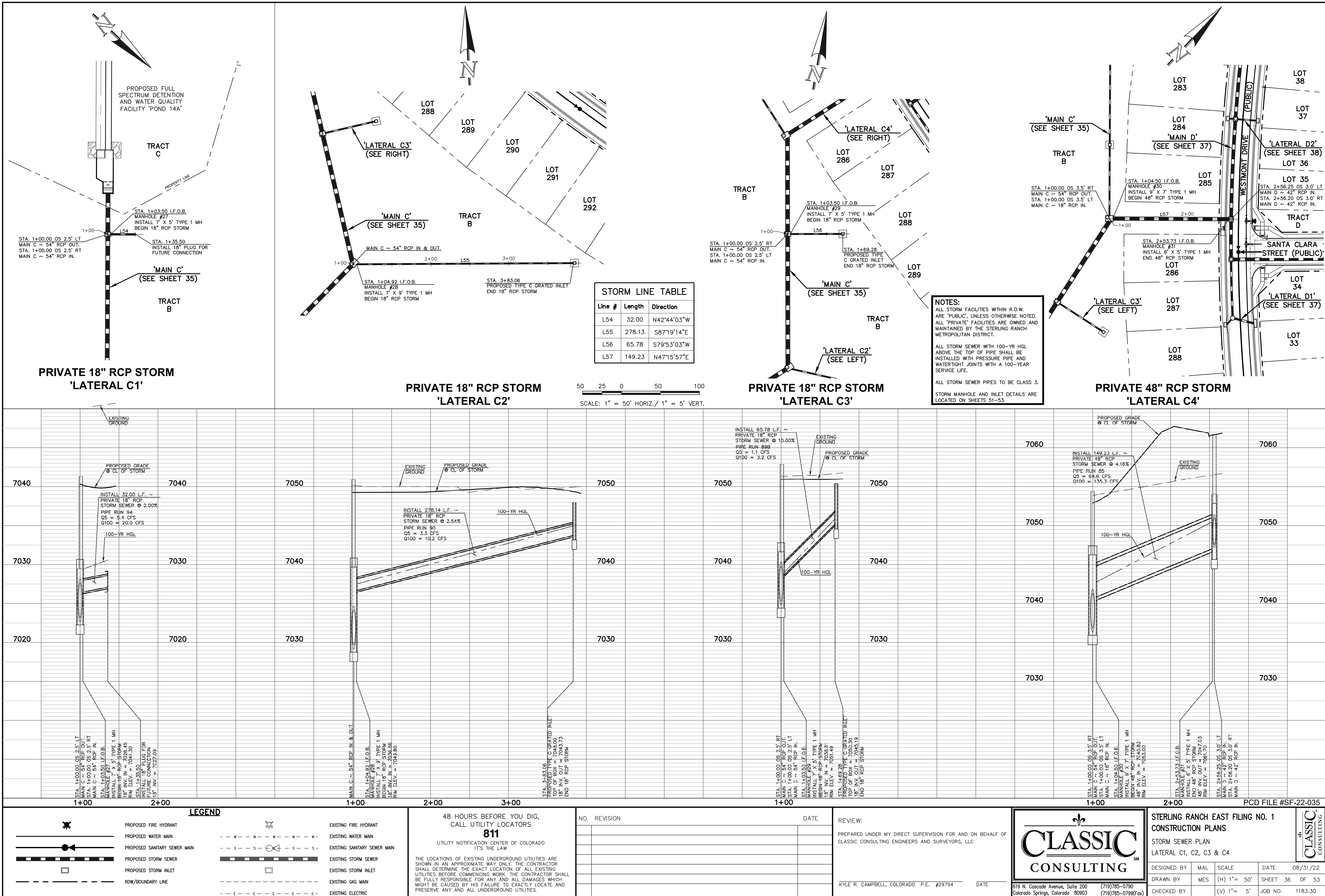


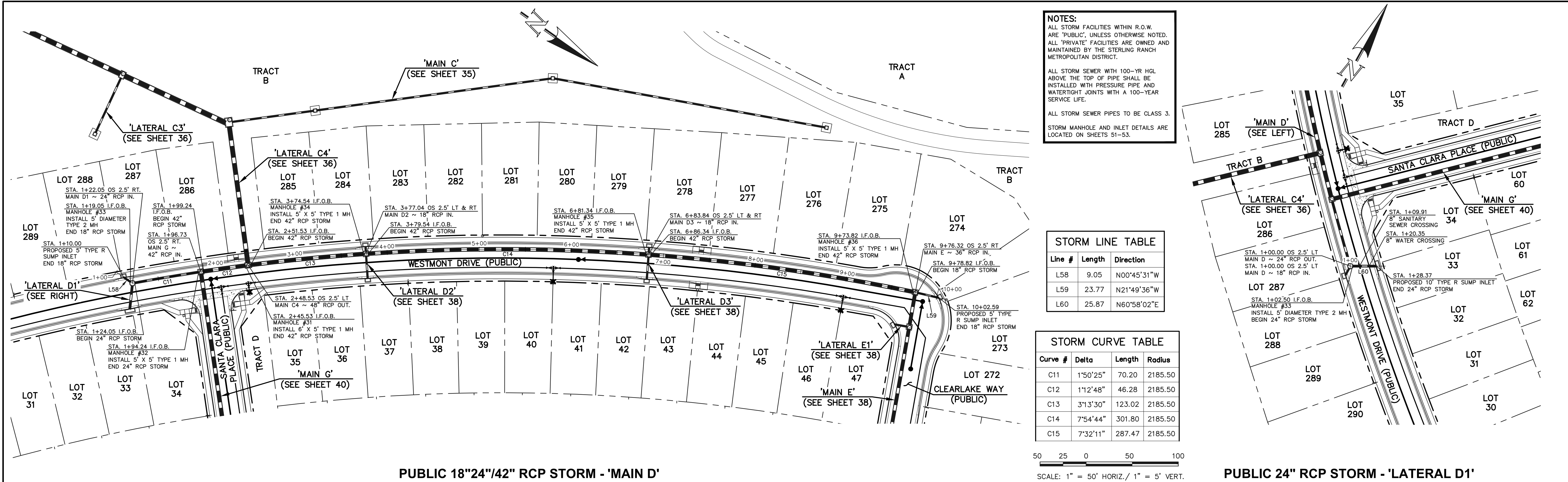


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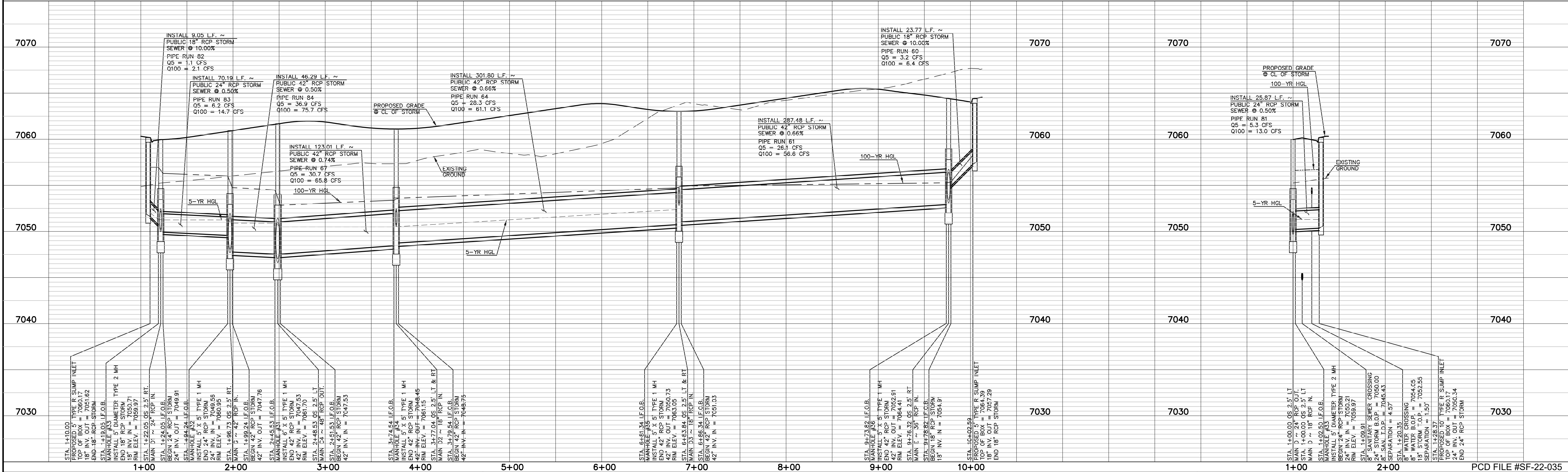
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PUBLIC 18"24"/42" RCP STORM - 'MAIN D'

PUBLIC 24" RCP STORM - 'LATERAL D1'



LEGEND

PROPOSED FIRE HYDRANT

PROPOSED WATER MAIN

PROPOSED SANITARY SEWER MAIN

PROPOSED STORM SEWER

PROPOSED STORM INLET

ROW/BOUNDARY LINE

EXISTING FIRE HYDRANT

EXISTING WATER MAIN

EXISTING SANITARY SEWER MAIN

EXISTING STORM SEWER

EXISTING STORM INLET

EXISTING GAS MAIN

EXISTING ELECTRIC

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DATE

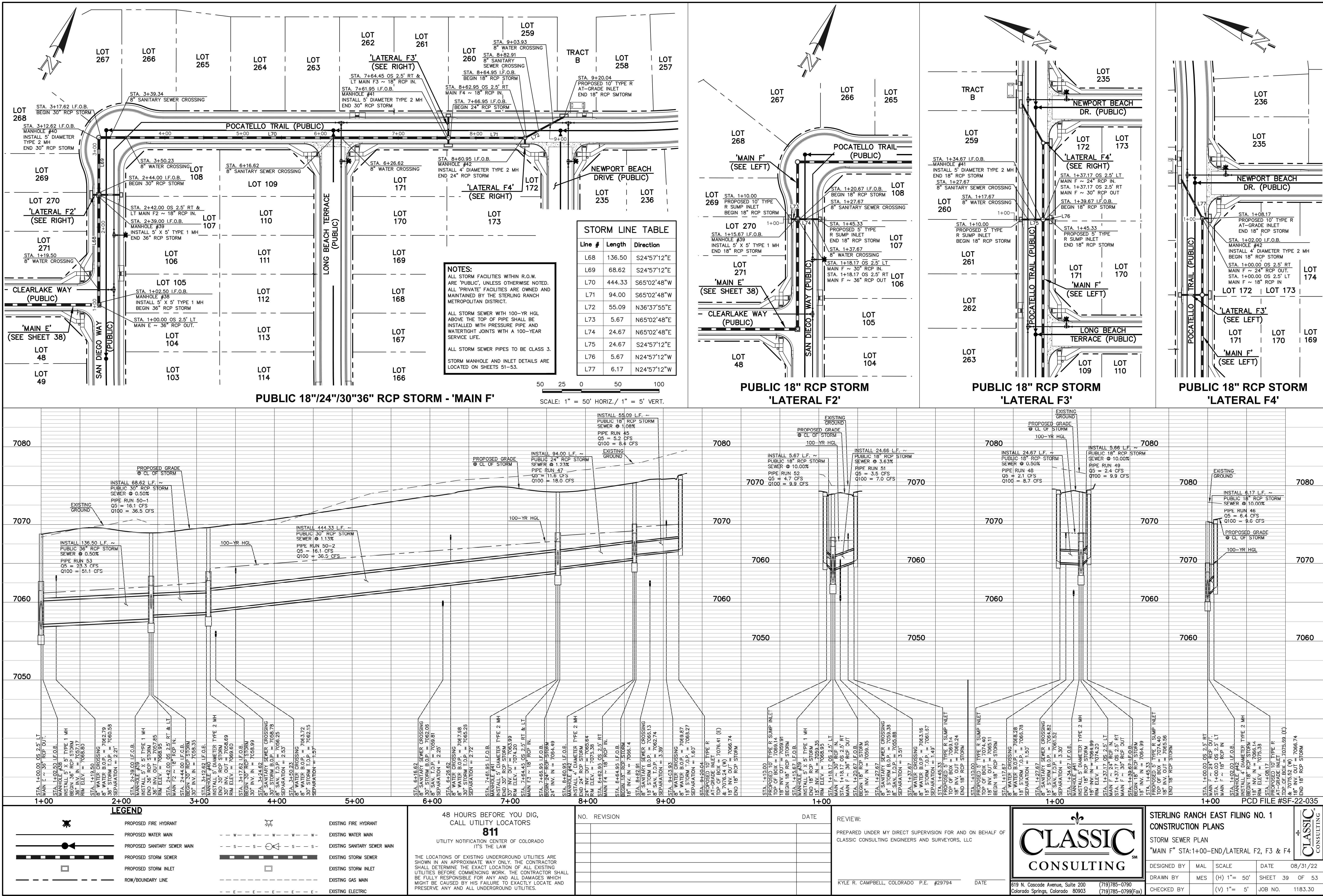
CLASSIC CONSULTING

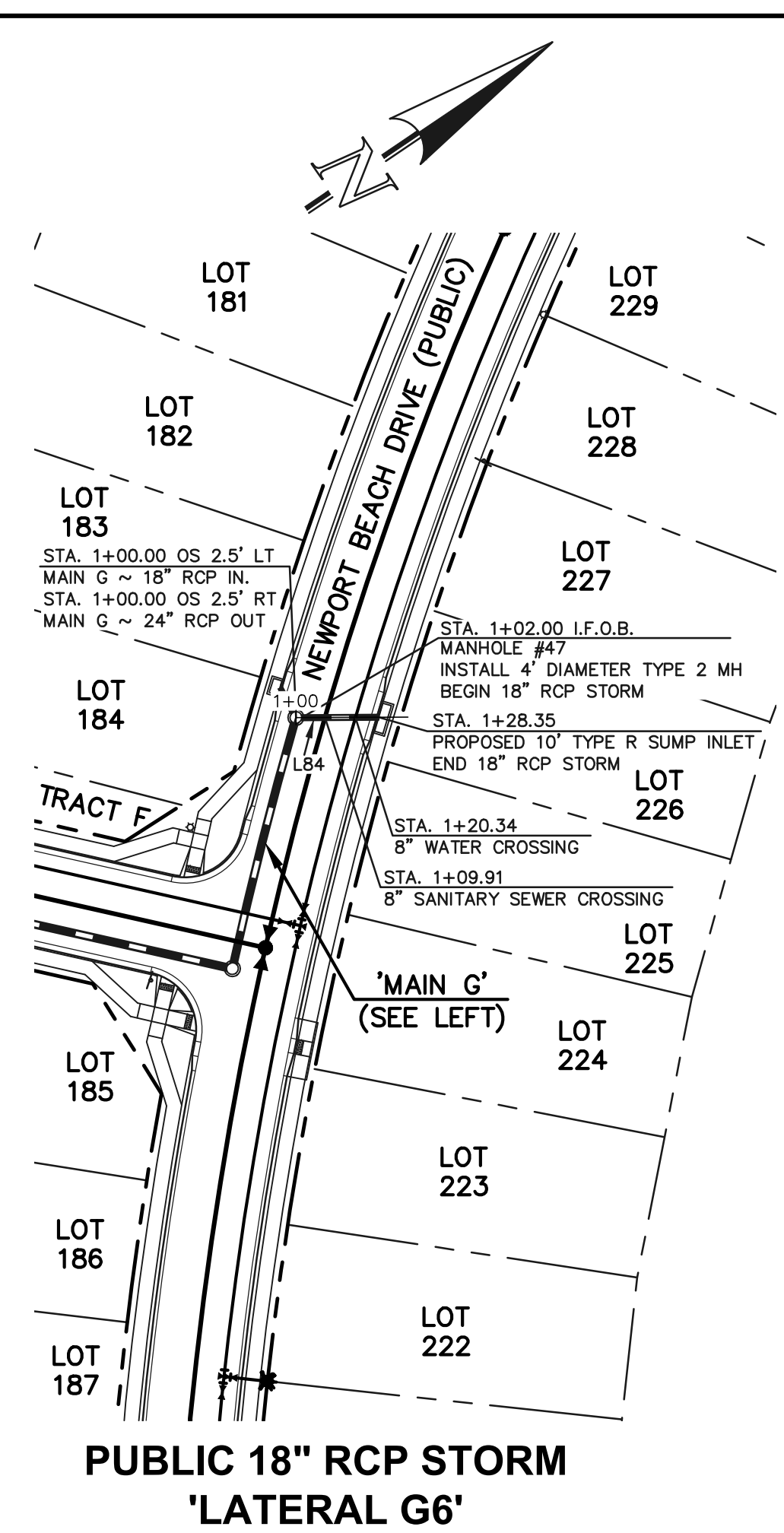
619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

(719)785-0790
(719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
STORM SEWER PLANS
"MAIN D" STA: 1+00 - END / LATERAL D1

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET	37 OF 53
CHECKED BY		(V) 1"= 5'	JOB NO.	1183.30





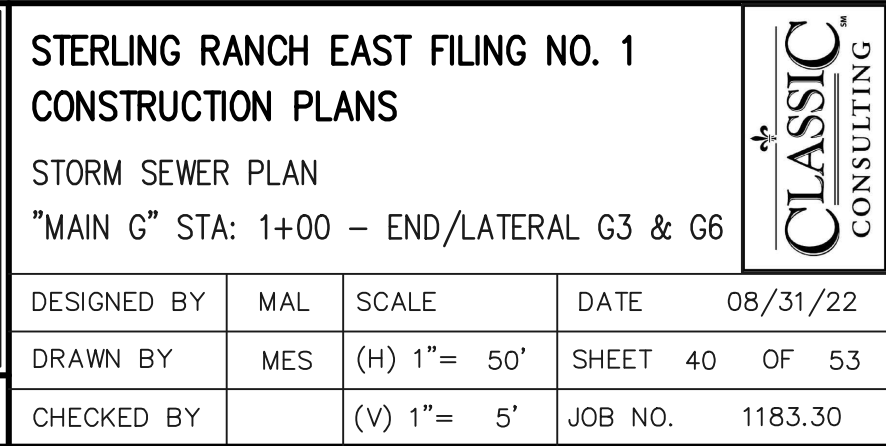
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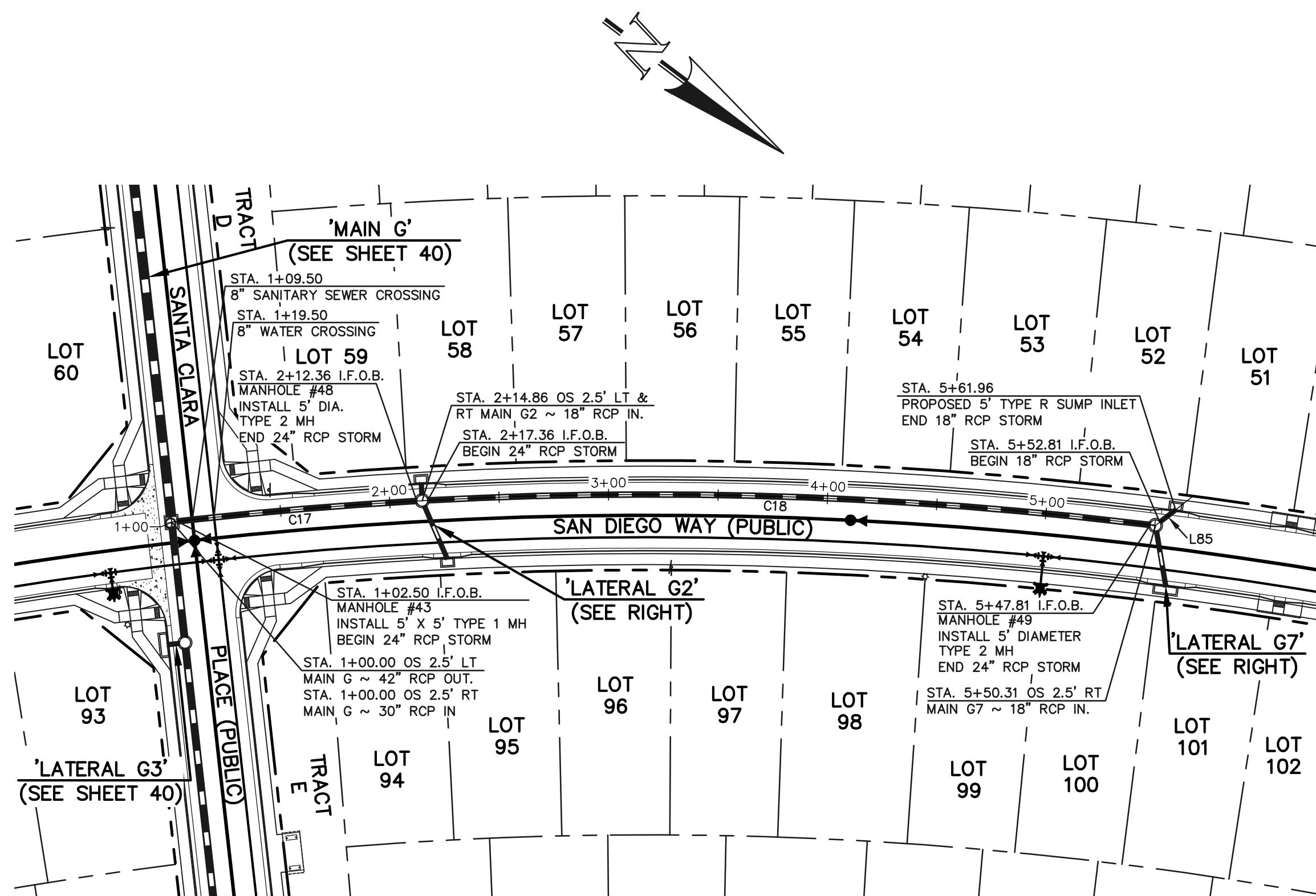
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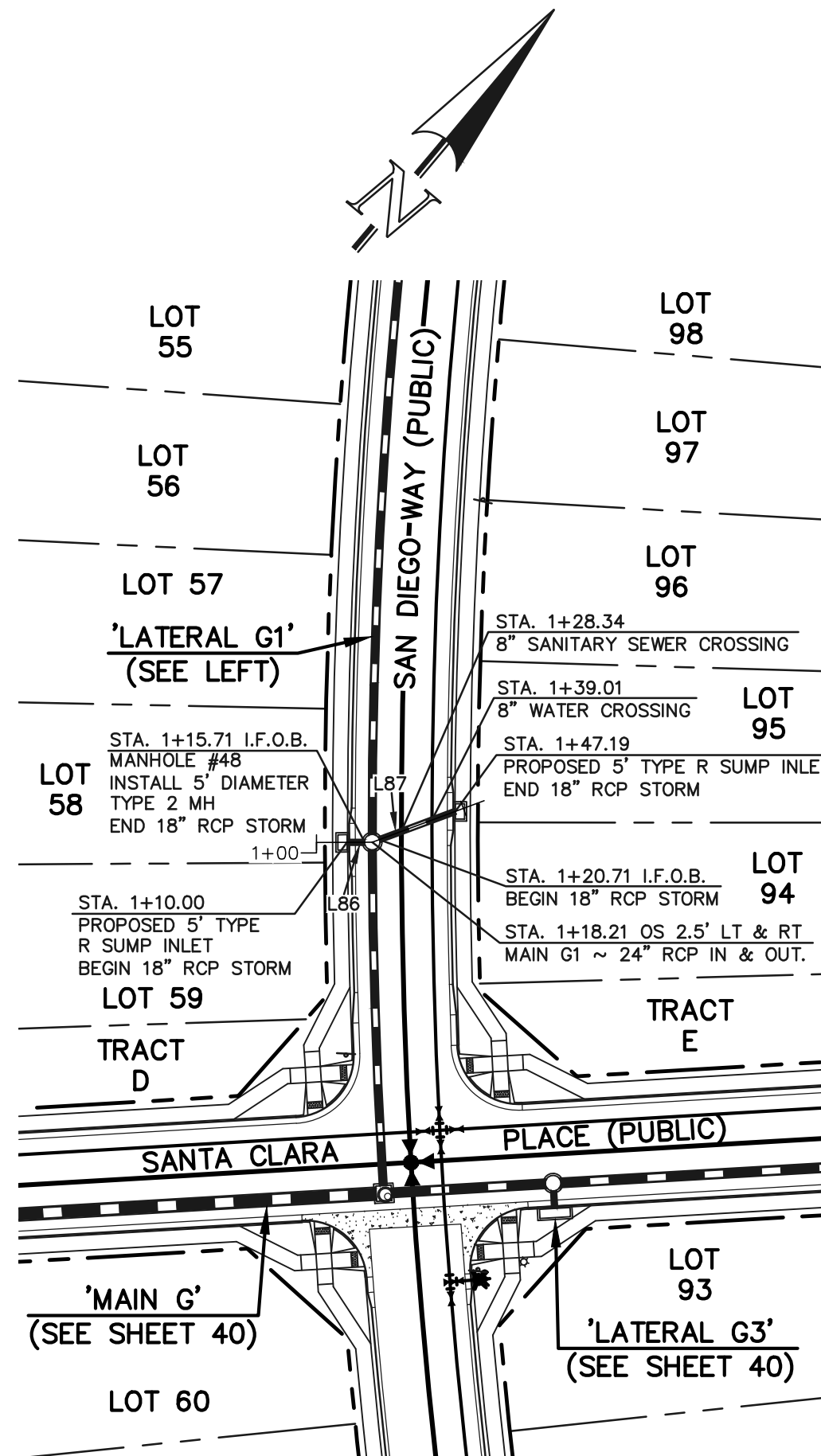
ALL STORM SEWER PIPES TO BE CLASS 3.

STORM MANHOLE AND INLET DETAILS ARE
LOCATED ON SHEETS 51-53.

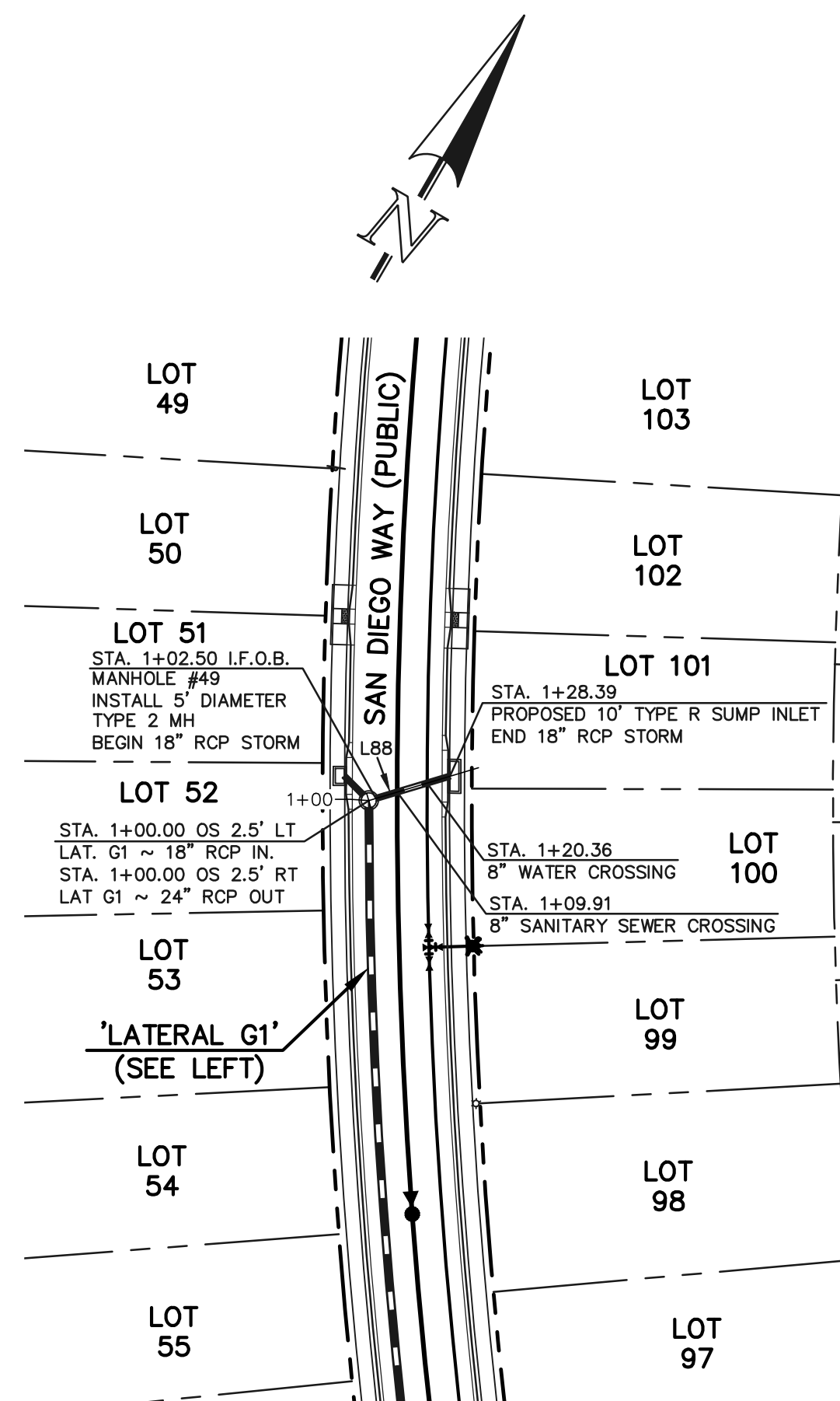




PUBLIC 18"/24" RCP STORM - 'LATERAL G1'



PUBLIC 18" RCP STORM
'LATERAL G2'



PUBLIC 18" RCP STORM
'LATERAL G7'

50 25 0 50 100
SCALE: 1" = 50' HORIZ./ 1" = 5' VERT.

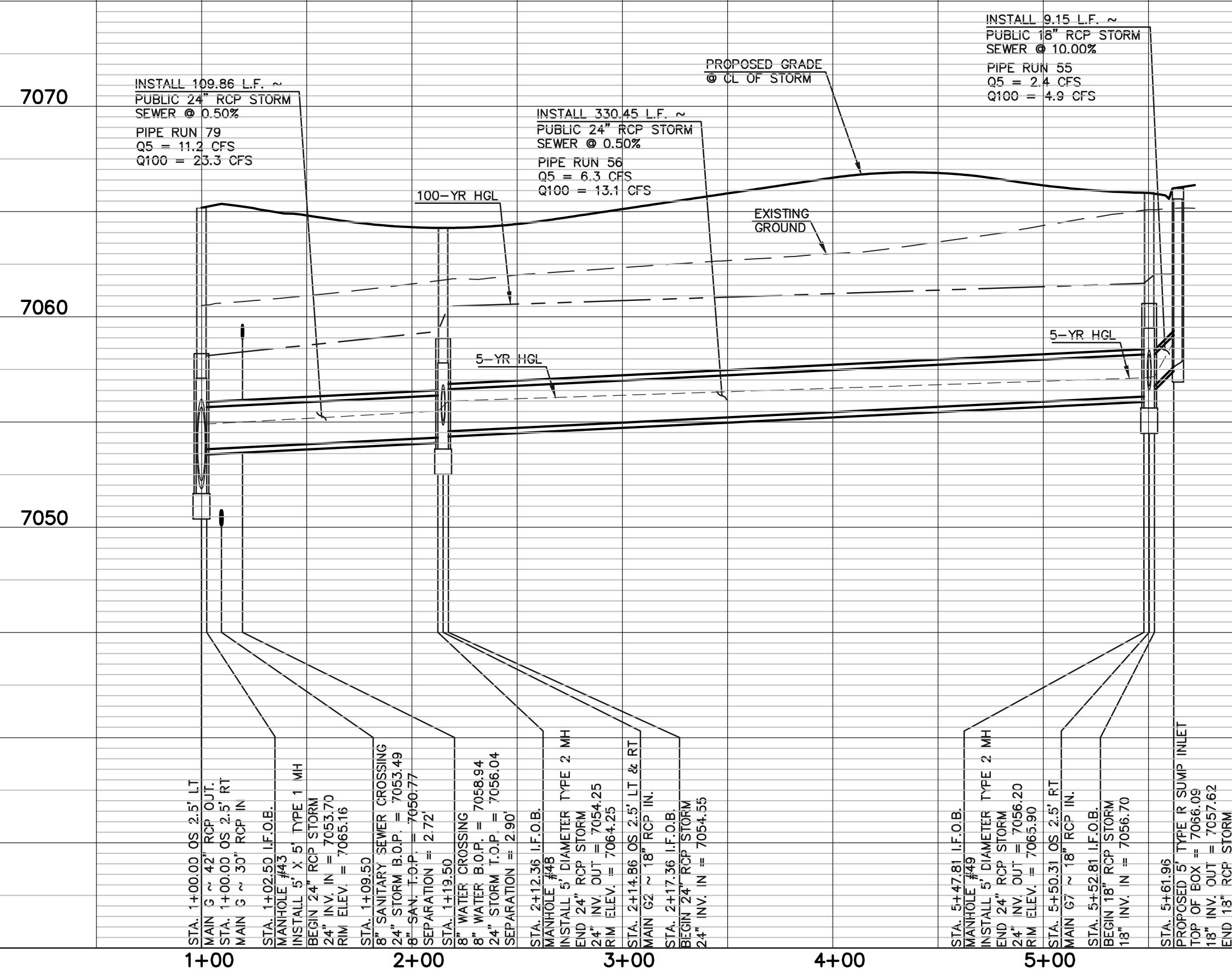
STORM LINE TABLE		
Line #	Length	Direction
L85	9.14	S75°02'13"E
L86	5.71	N49°51'49"E
L87	26.48	N29°38'45"E
L88	25.89	N43°23'41"E

STORM CURVE TABLE			
Curve #	Delta	Length	Radius
C17	3°19'27"	109.86	1893.50
C18	9°59'58"	330.46	1893.50

NOTES:
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ALL STORM SEWER PIPES TO BE CLASS 3.
STORM MANHOLE AND INLET DETAILS ARE LOCATED ON SHEETS 51-53.

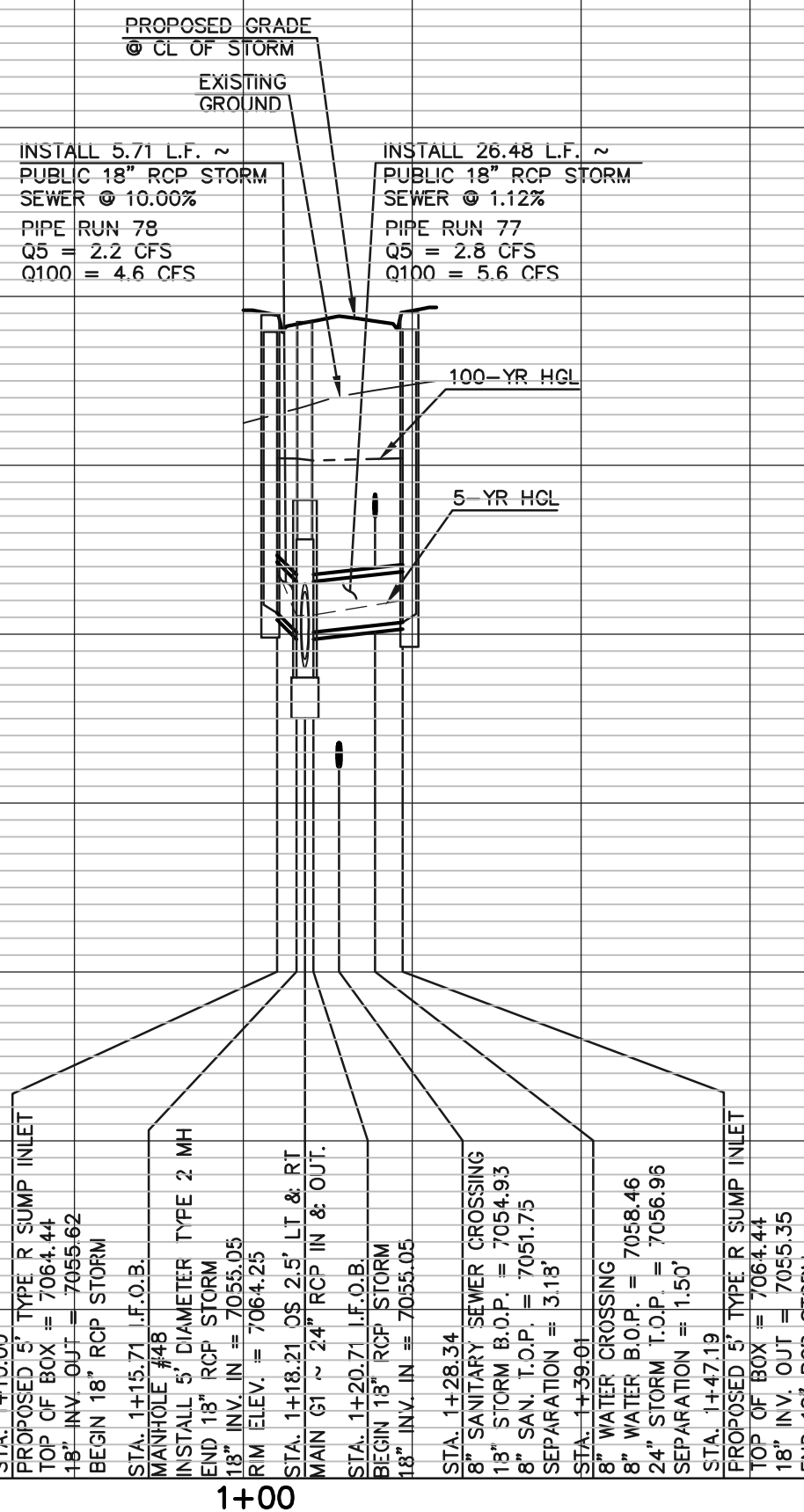


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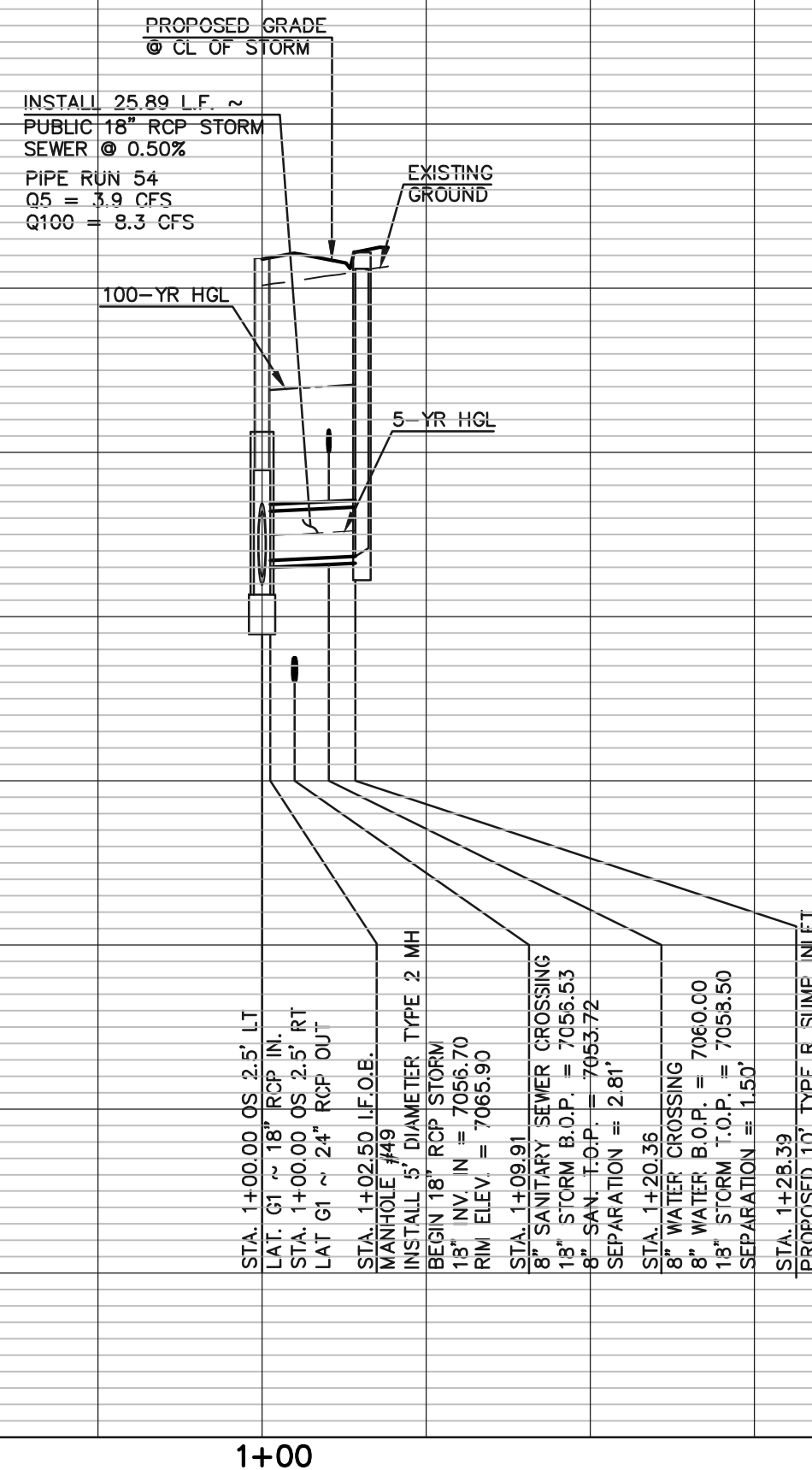


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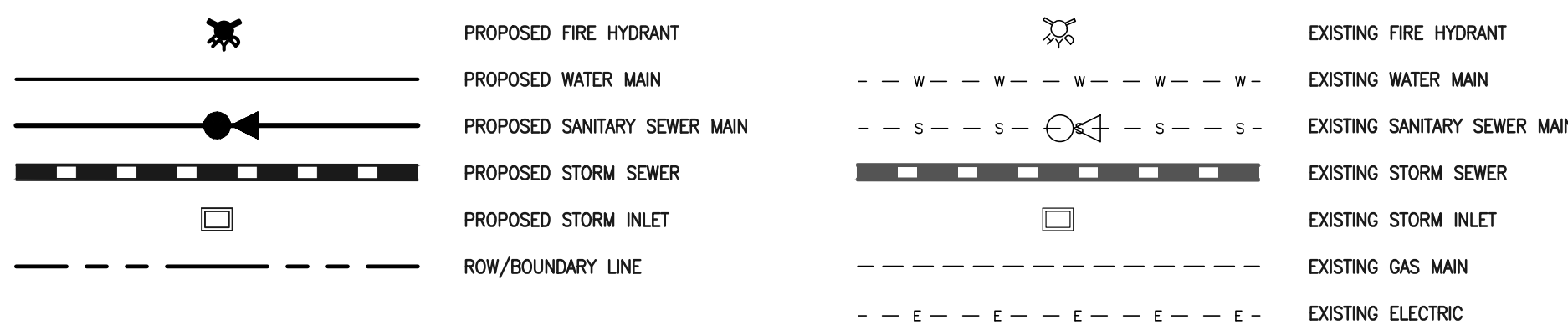
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7060

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PCD FILE #SF-22-035



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NO.	REVISION	DATE

REVIEW:
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CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

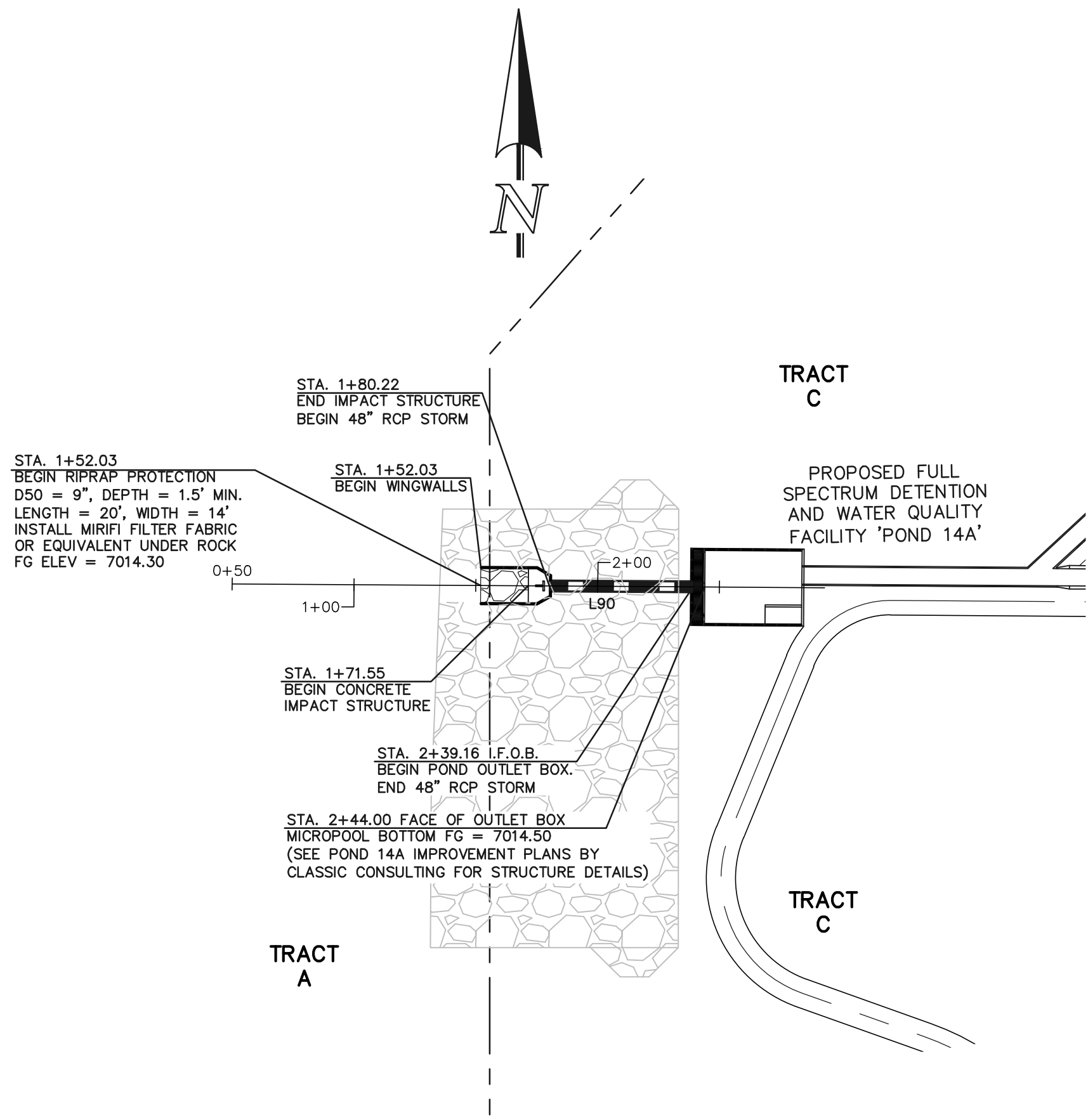


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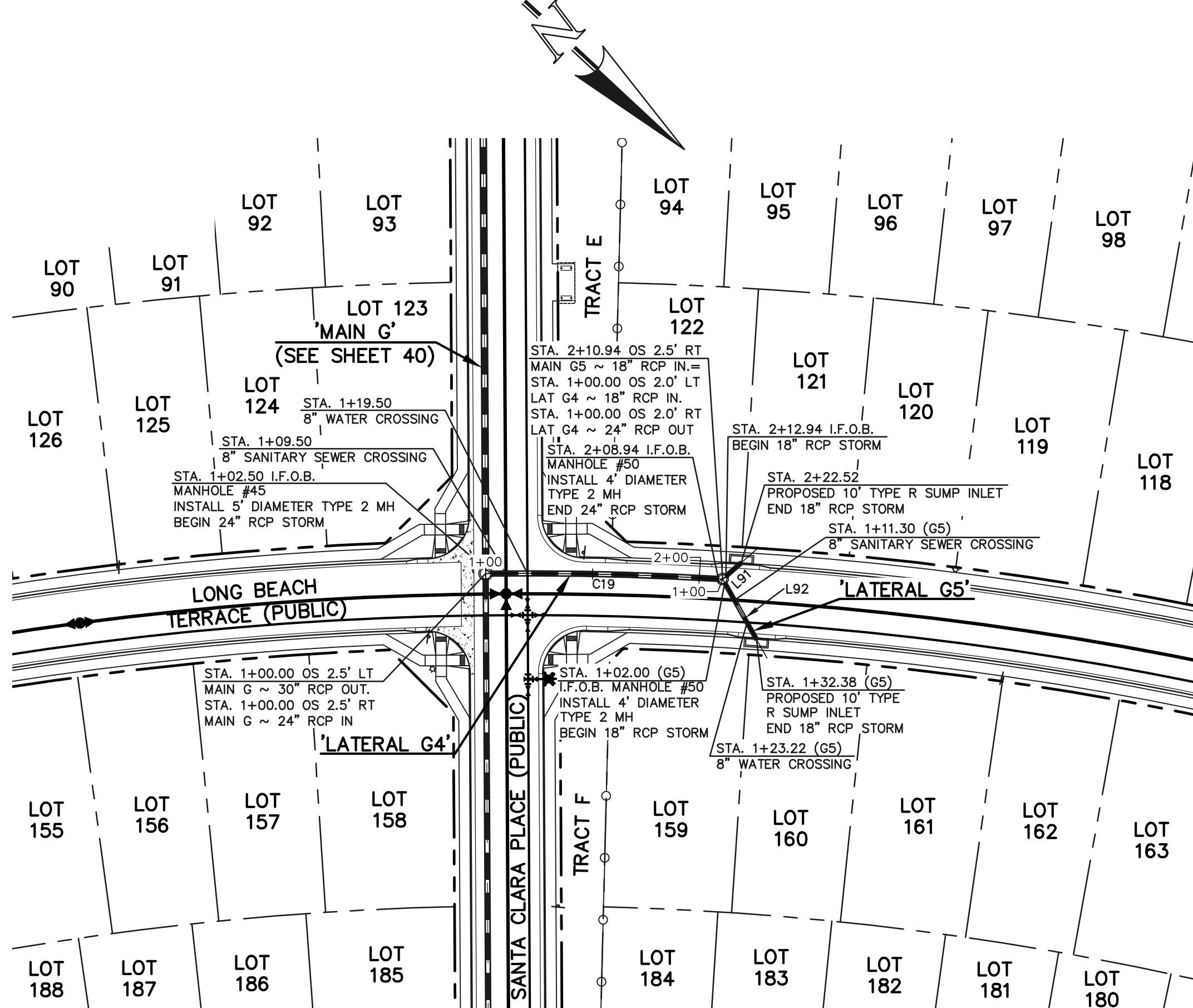
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
STORM SEWER PLAN
"MAIN G"/LATERAL G2 & G7

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET	41 OF 53
CHECKED BY	(V) 1"= 5'	JOB NO.	1183.30	

N:\118330\DRAWINGS\CONSTRUCTION\STORM\42-118330-STW-16.dwg, 11/7/2023 10:42:49 AM, 1:1



PRIVATE 48" RCP STORM - 'POND 14A OUTFALL'



PUBLIC 18"/24" RCP STORM
'LATERAL G4'

PUBLIC 18" RCP STORM
'LATERAL G5'

50 25 0 50 100
SCALE: 1" = 50' HORIZ./ 1" = 5' VERT.

STORM LINE TABLE		
Line #	Length	Direction
L90	58.94	S89°37'48"E
L91	9.58	S84°24'08"E
L92	30.38	N17°40'01"E

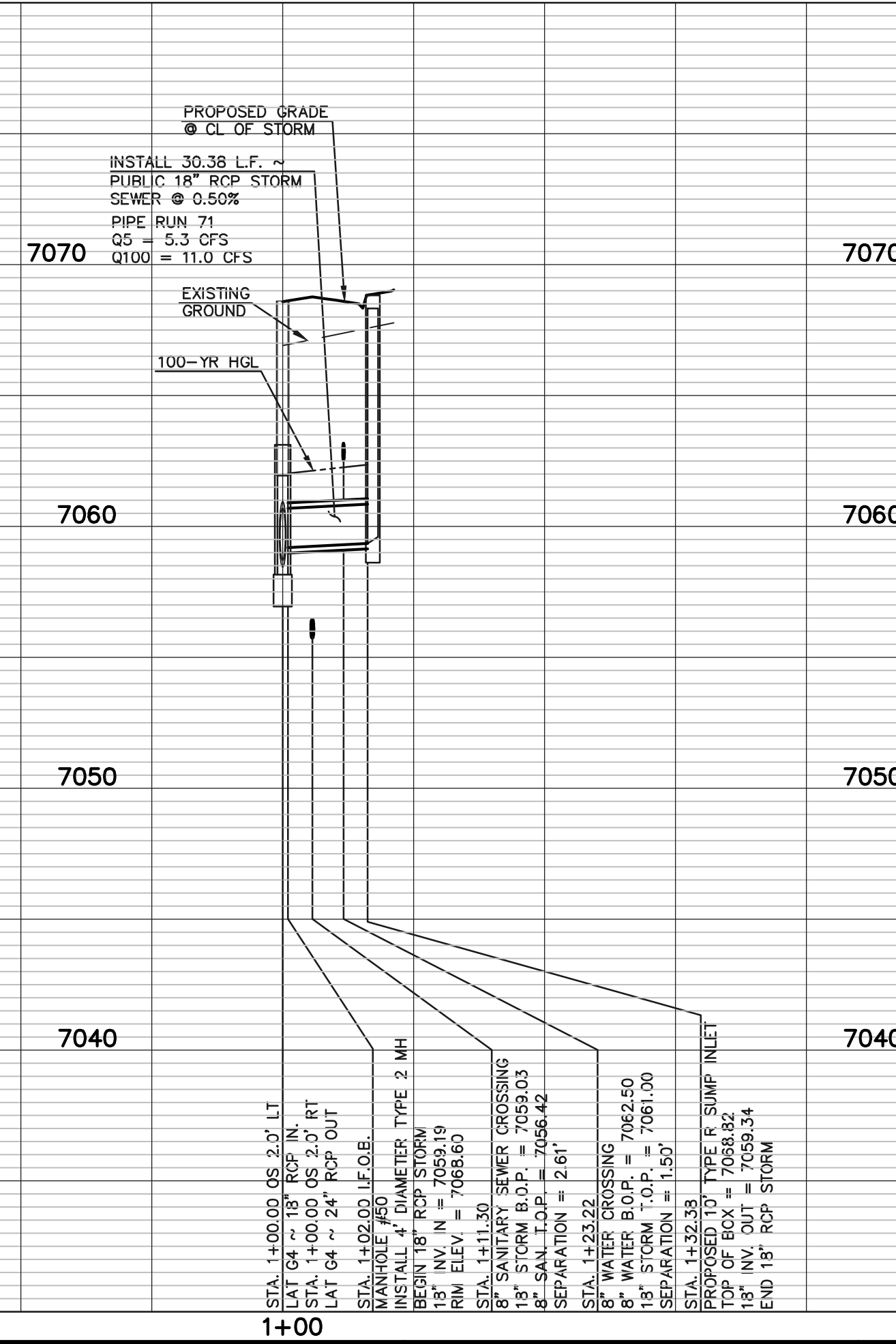
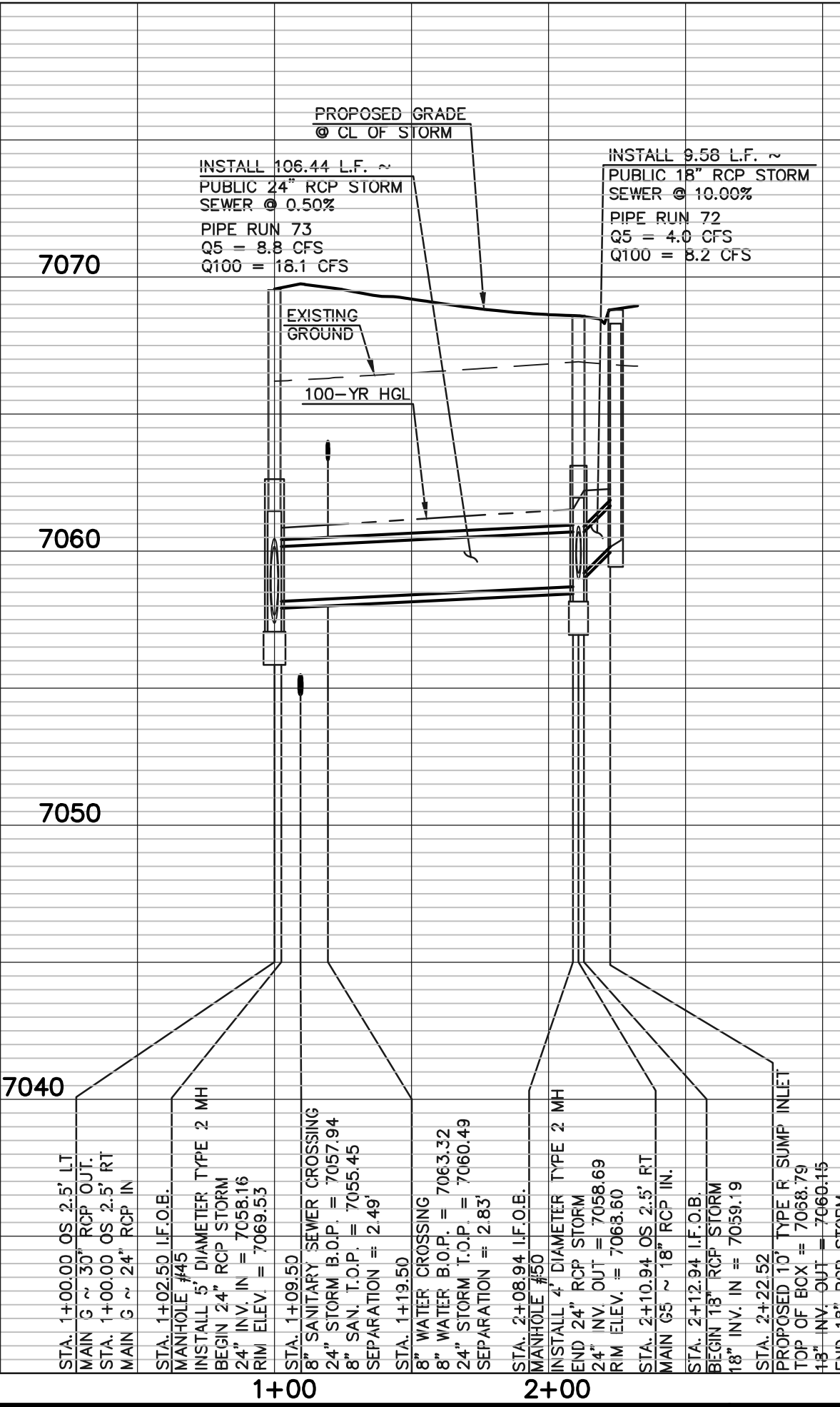
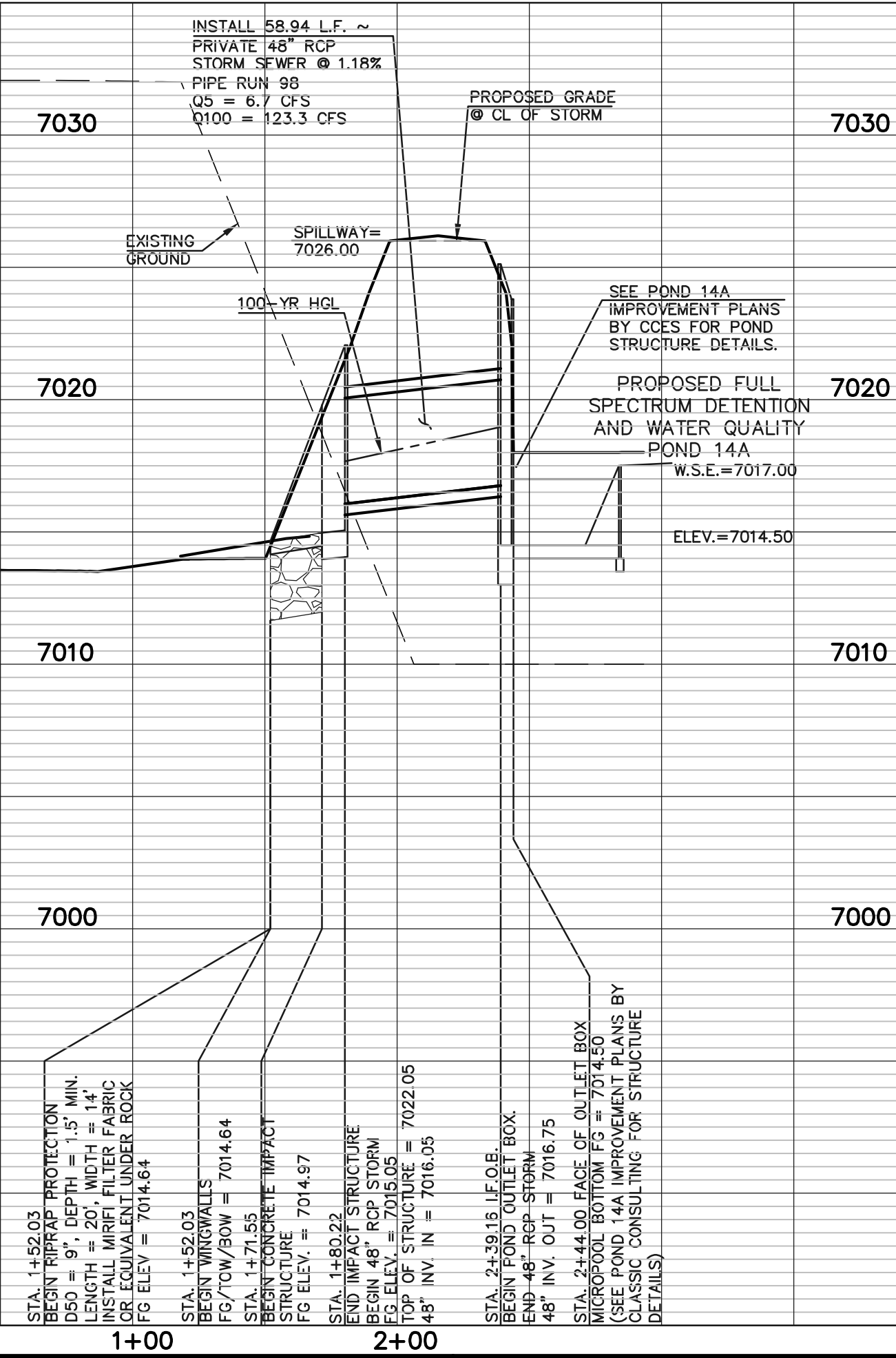
STORM CURVE TABLE			
Curve #	Delta	Length	Radius
C19	3°48'29"	106.44	1601.50

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STORM MANHOLE AND INLET DETAILS ARE
LOCATED ON SHEETS 51-53.



LEGEND

	PROPOSED FIRE HYDRANT		EXISTING FIRE HYDRANT
	PROPOSED WATER MAIN		EXISTING WATER MAIN
	PROPOSED SANITARY SEWER MAIN		EXISTING SANITARY SEWER MAIN
	PROPOSED STORM SEWER		EXISTING STORM SEWER
	PROPOSED STORM INLET		EXISTING STORM INLET
	ROW/BOUNDARY LINE		EXISTING GAS MAIN
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KYLE R. CAMPBELL, COLORADO P.E. #29794

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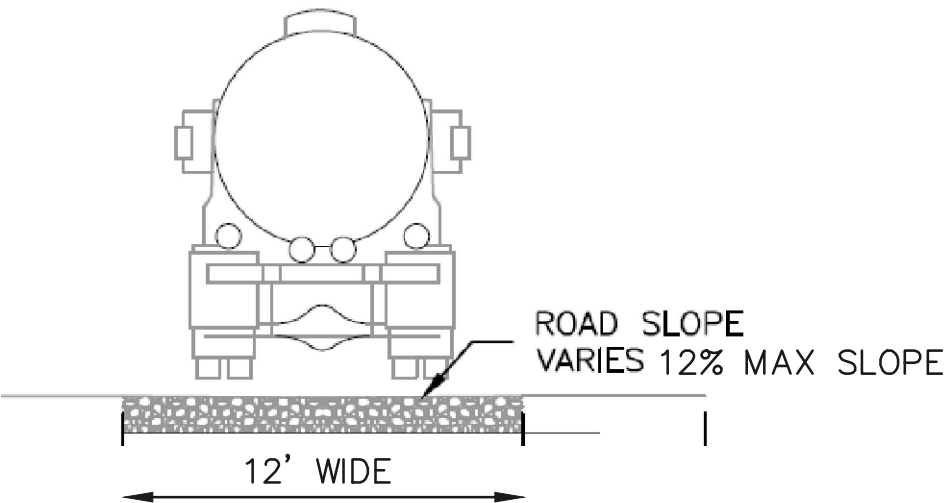
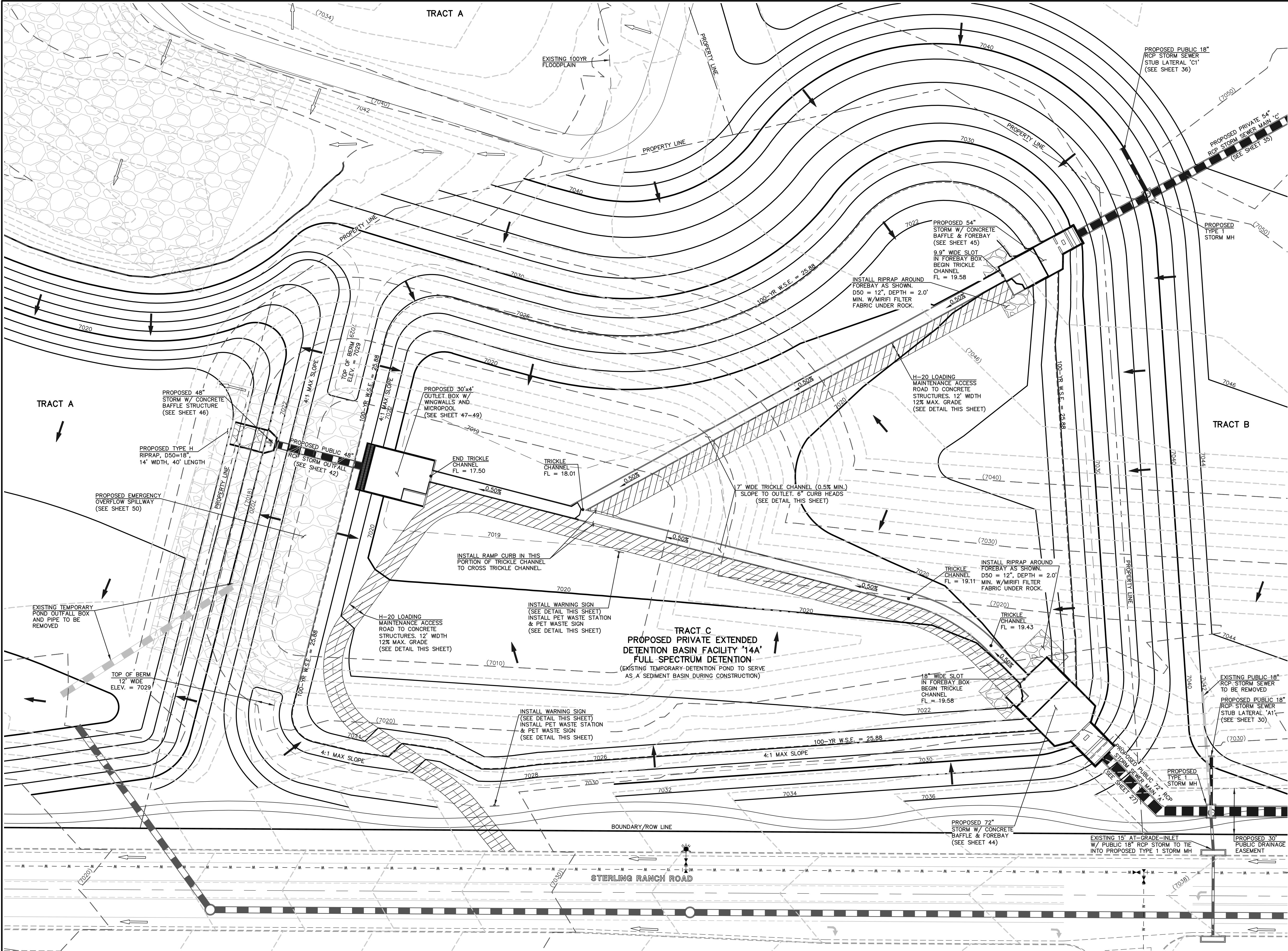
(719)785-0790
(719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS

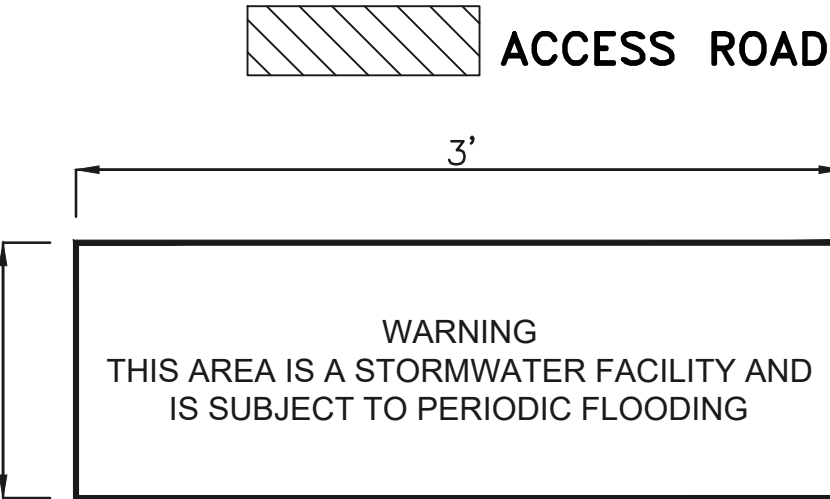
STORM SEWER PLAN
"POND OUTFALL"/LATERAL G4 & G5

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 50'	SHEET	42 OF 53
CHECKED BY		(V) 1"= 5'	JOB NO.	1183.30

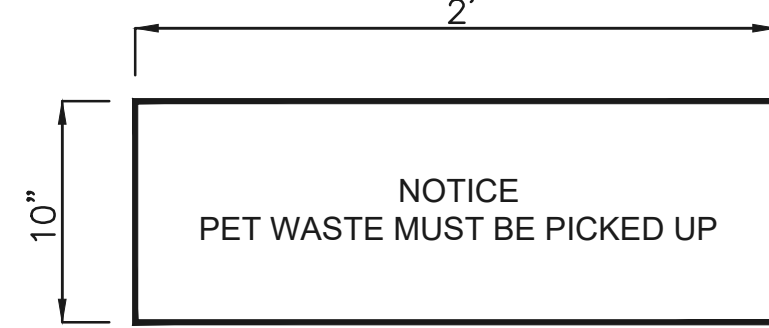
PCD FILE #SF-22-035



12" LAYER OF AGGREGATE
BASE COURSE OR CRUSHED GRAVEL OVER COMPACTED
SUBGRADE TO ELEVATION 7019.14 (EURV ELEVATION)
8" LAYER OF AGGREGATE BASE COURSE OR CRUSHED
GRAVEL ABOVE 7019.14.

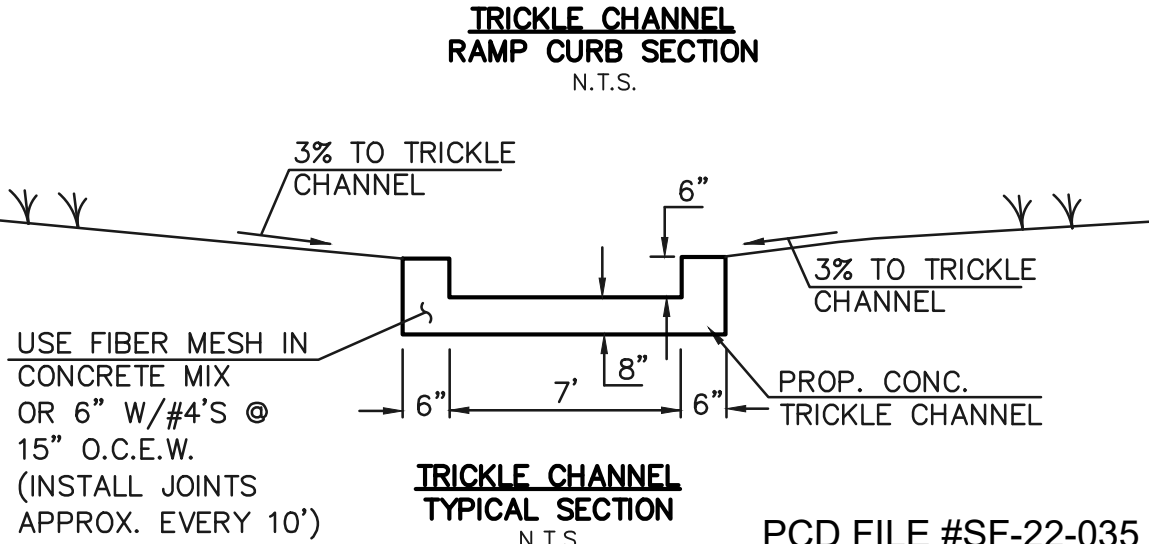
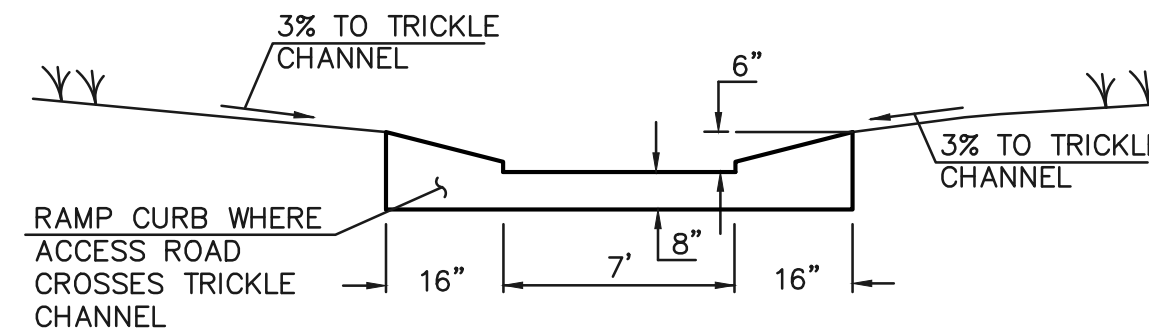
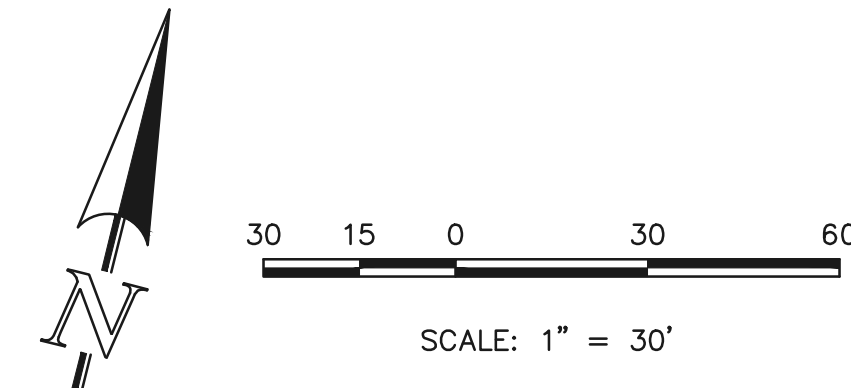


NOTES:
PROPOSED SIGNS SHALL BE FABRICATED OF
DURABLE MATERIALS, SUCH AS METAL OR PLASTIC,
USING RED LETTERING ON A WHITE BACKGROUND



PER MHFD T-5, SOIL RIPRAP SHOULD BE PROVIDED ON
THE DOWNSTREAM SIDE OF THE FOREBAY IF THE
DOWNSTREAM GRADE IS LOWER THAN THE TOP OF WALL.
THE FOREBAY WILL OVERTOP FREQUENTLY SO THIS
PROTECTION IS NECESSARY FOR EROSION CONTROL.
ALL SOIL RIPRAP IN THE AREA OF THE FOREBAY SHOULD
BE SEEDED AND EROSION CONTROL FABRIC SHOULD BE
PLACED TO RETAIN THE SEED IN THIS HIGH FLOW AREA.

NOTE:
POND BOTTOM TO SLOPE TOWARD TRICKLE
CHANNEL AT 3% TO EDGE OF POND BOTTOM



LEGEND		
	PROPOSED FIRE HYDRANT	
	PROPOSED WATER MAIN	
	PROPOSED SANITARY SEWER MAIN	
	PROPOSED STORM SEWER	
	PROPOSED STORM INLET	
	ROW/BOUNDARY LINE	

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REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

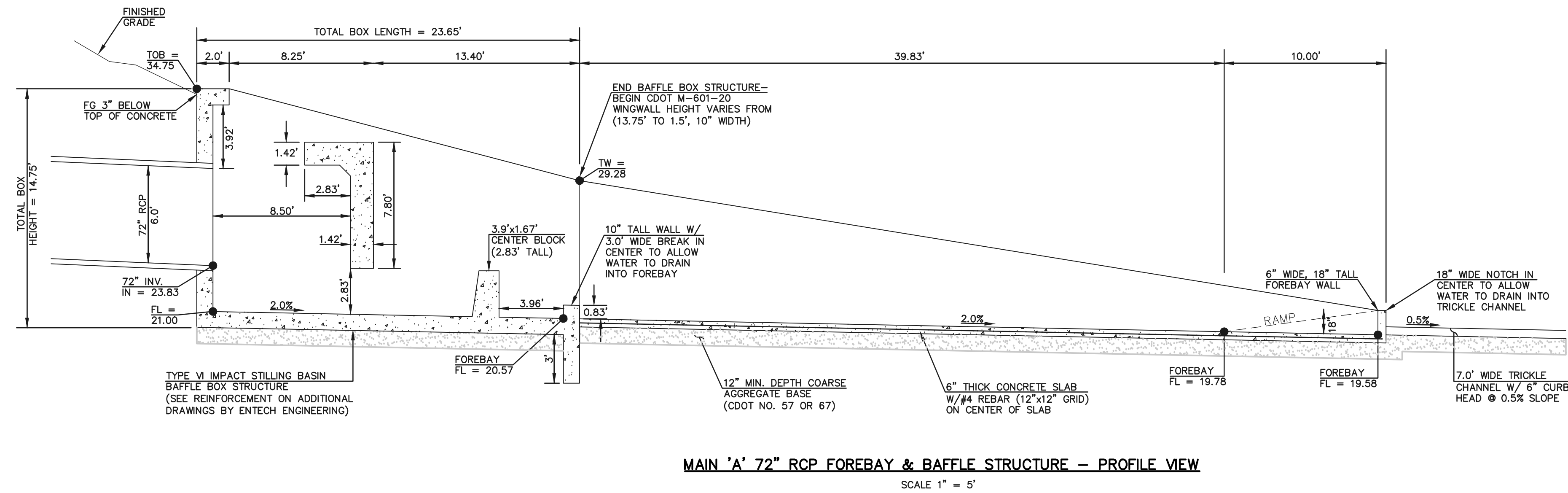
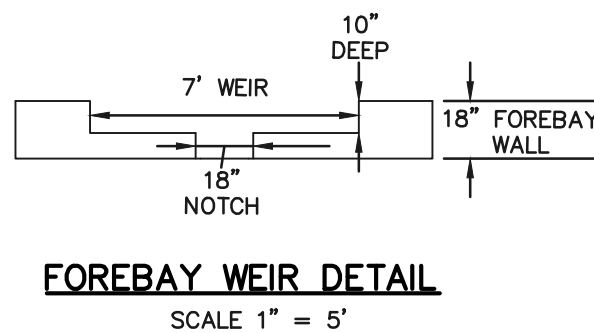
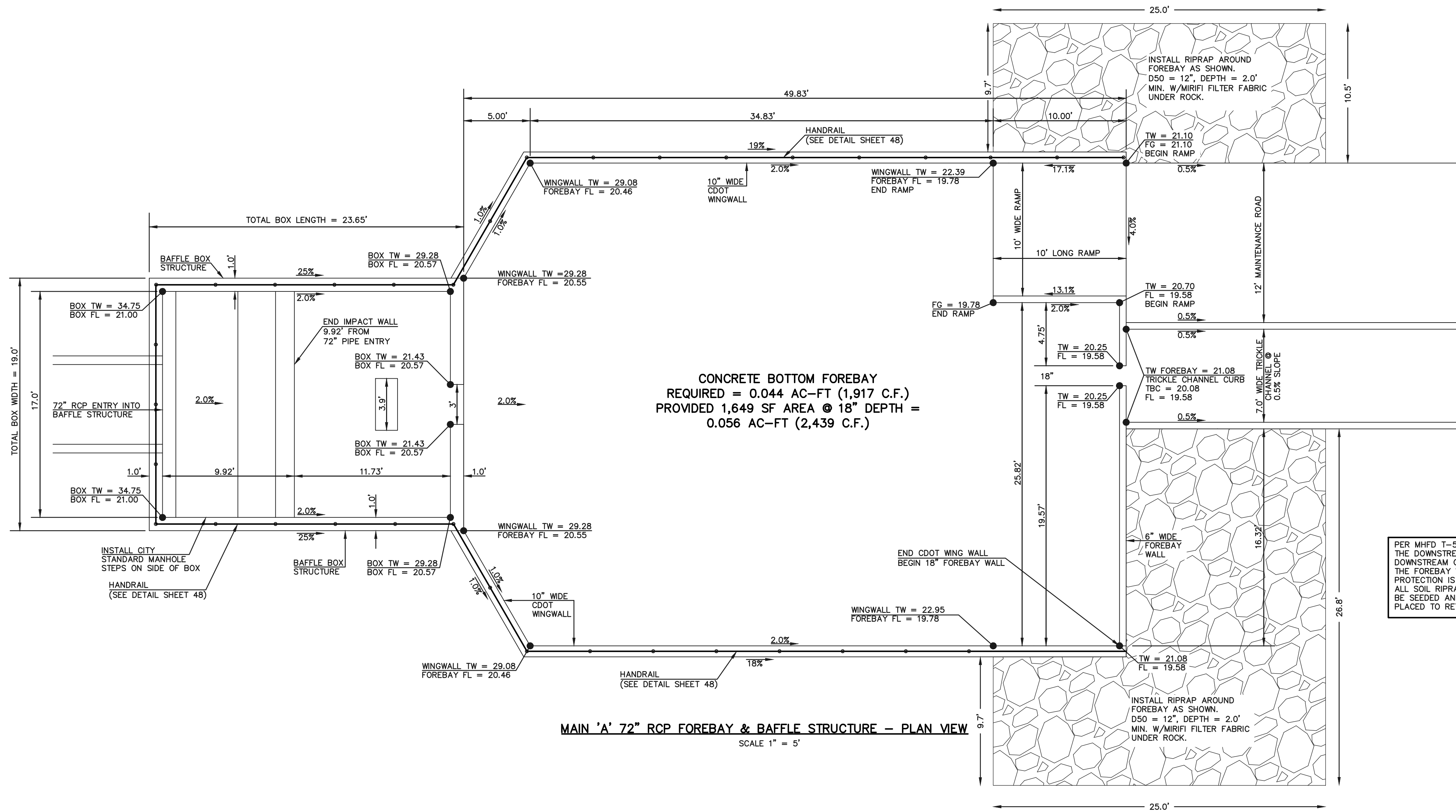
(719)785-0790
(719)785-0799(Fax)

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
POND '14A'
EDB - FULL SPECTRUM DETENTION

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 30'	SHEET	43 OF 53
CHECKED BY	(V) 1" = N/A	JOB NO.	1183.30	

PCD FILE #SF-22-035

CLASSIC CONSULTING



48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

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KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

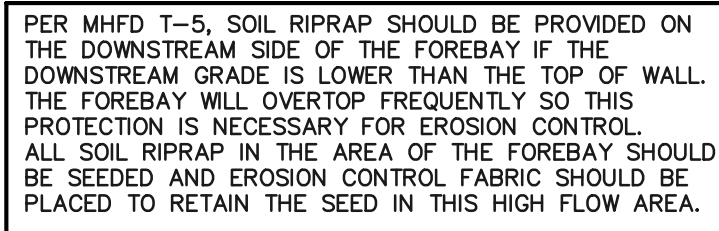




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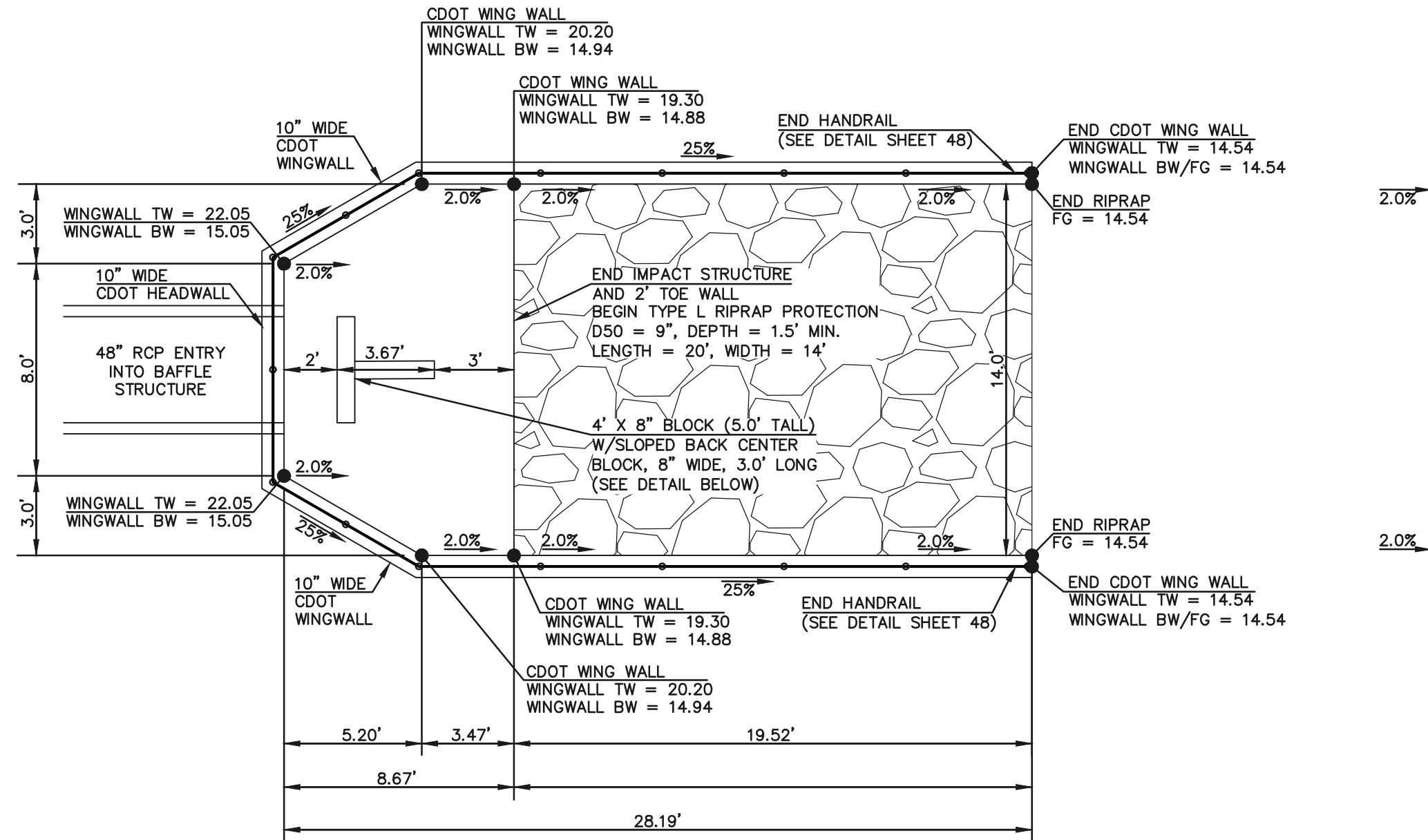
(719) 785-0790
(719) 785-0799 (Fax)

STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS				
POND '14A' MAIN 'A' - 72" IMPACT STRUCTURE & FOREBAY				
DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 5'	SHEET 44	OF 53
CHECKED BY		(V) 1"= N/A	JOB NO.	1183.30

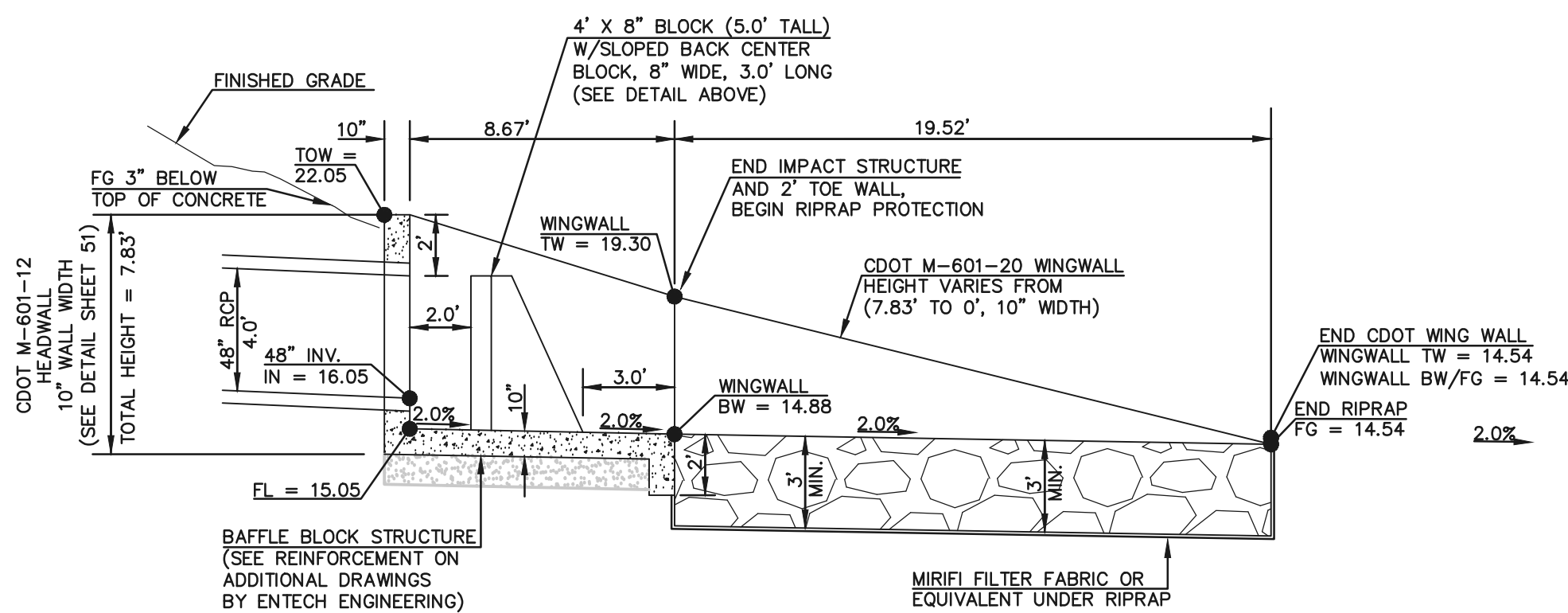
PCD FILE #SF-22-035



<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS</p> <p>811</p> <p>UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	NO. REVISION		DATE	<p>REVIEW:</p> <p>PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p>KYLE R. CAMPBELL, COLORADO P.E. #29794</p> <p>DATE</p>	 <p>619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903</p> <p>(719)785-0790 (719)785-0799(fax)</p>	<p>STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS</p> <p>POND '14A'</p> <p>MAIN 'C' - 54" IMPACT STRUCTURE & FOREBAY</p>	
	DESIGNED BY	MAL	SCALE	DATE	08/31/22	<p>DRAWN BY</p> <p>MES</p> <p>CHECKED BY</p>	
	(H)	1"= 5'	SHEET	45	OF 53		
	(V)	1"= N/A	JOB NO.	1183.30			




'POND OUTFALL' 48" RCP BAFFLE STRUCTURE & RIP RAP — PLAN VIEW
SCALE 1" = 5'

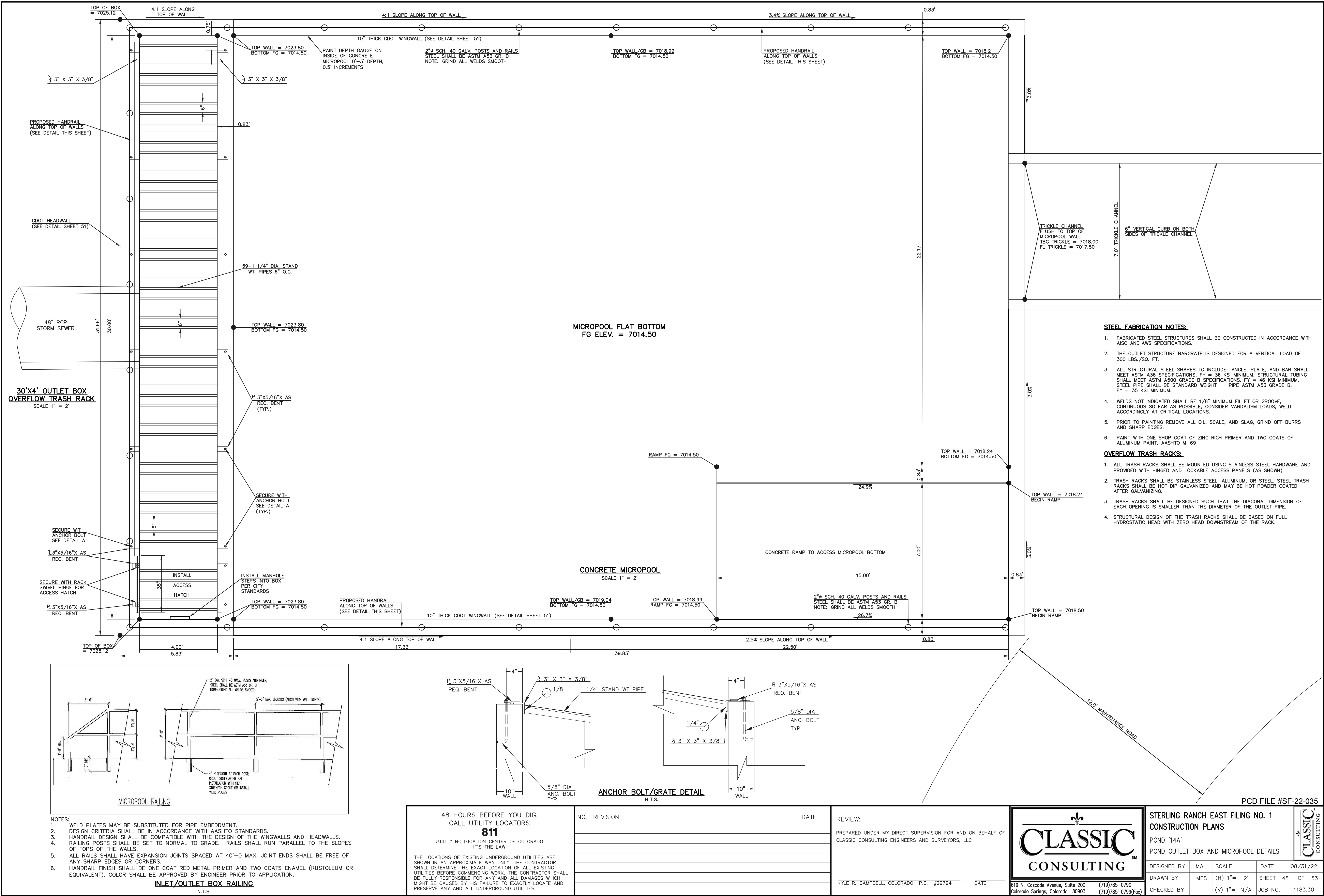


'POND OUTFALL' 48" RCP BAFFLE STRUCTURE & RIP RAP — PROFILE VIEW
SCALE 1" = 5'

PCD FILE #SF-22-035

<div>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811 UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</div> <div>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</div>	NO. REVISION		DATE		REVIEW: PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE	<div><div>619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903 (719)785-0790 (719)785-0799(Fax)</div></div>	STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS			
	POND '14A' 'POND OUTFALL' — 48" IMPACT STRUCTURE									
	DESIGNED BY	MAL	SCALE	DATE			08/31/22			
	DRAWN BY	MES	(H) 1"= 5'	SHEET 46			OF 53			
CHECKED BY		(V) 1"= N/A	JOB NO.	1183.30						

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PCD FILE #SF-22-035

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NO. REVISION

DATE

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KYLE R. CAMPBELL, COLORADO P.E. #29794

DATE

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Colorado Springs, Colorado 80903

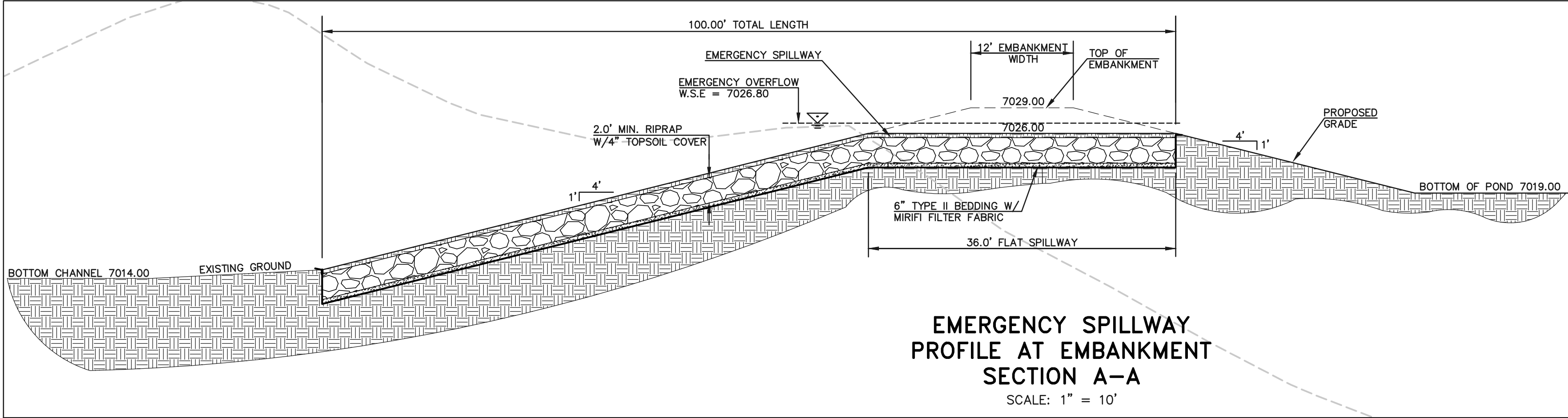
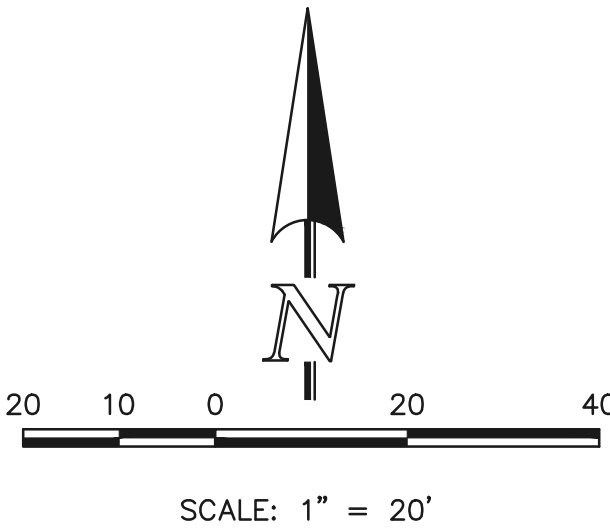
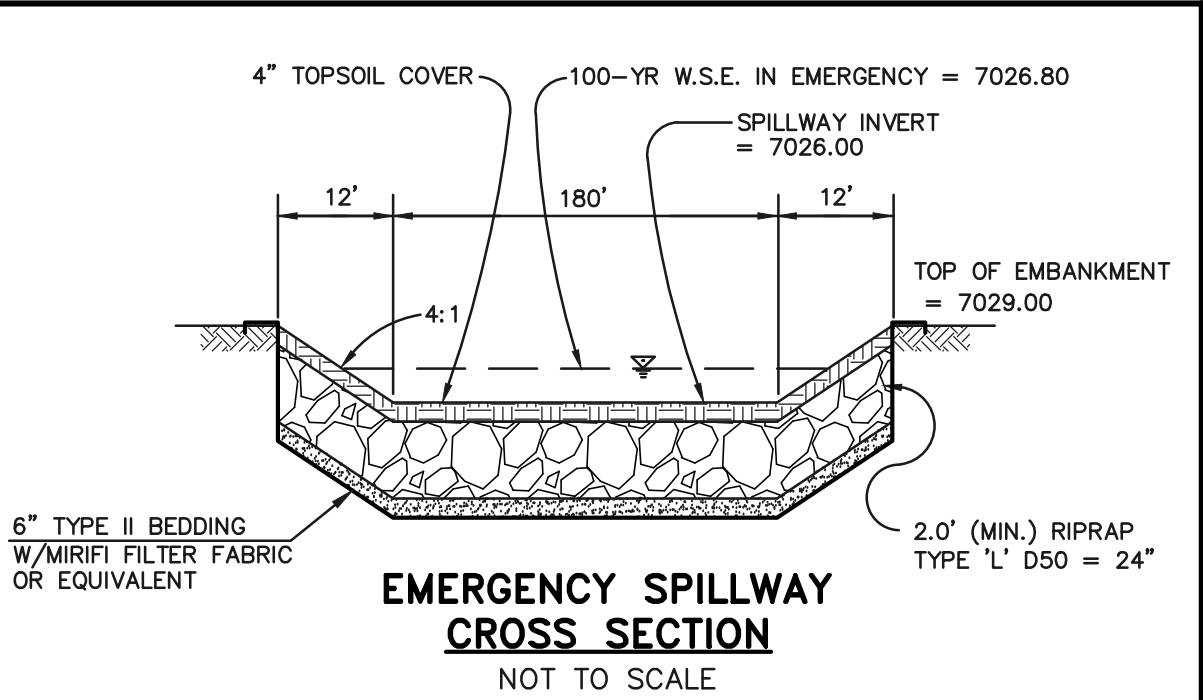
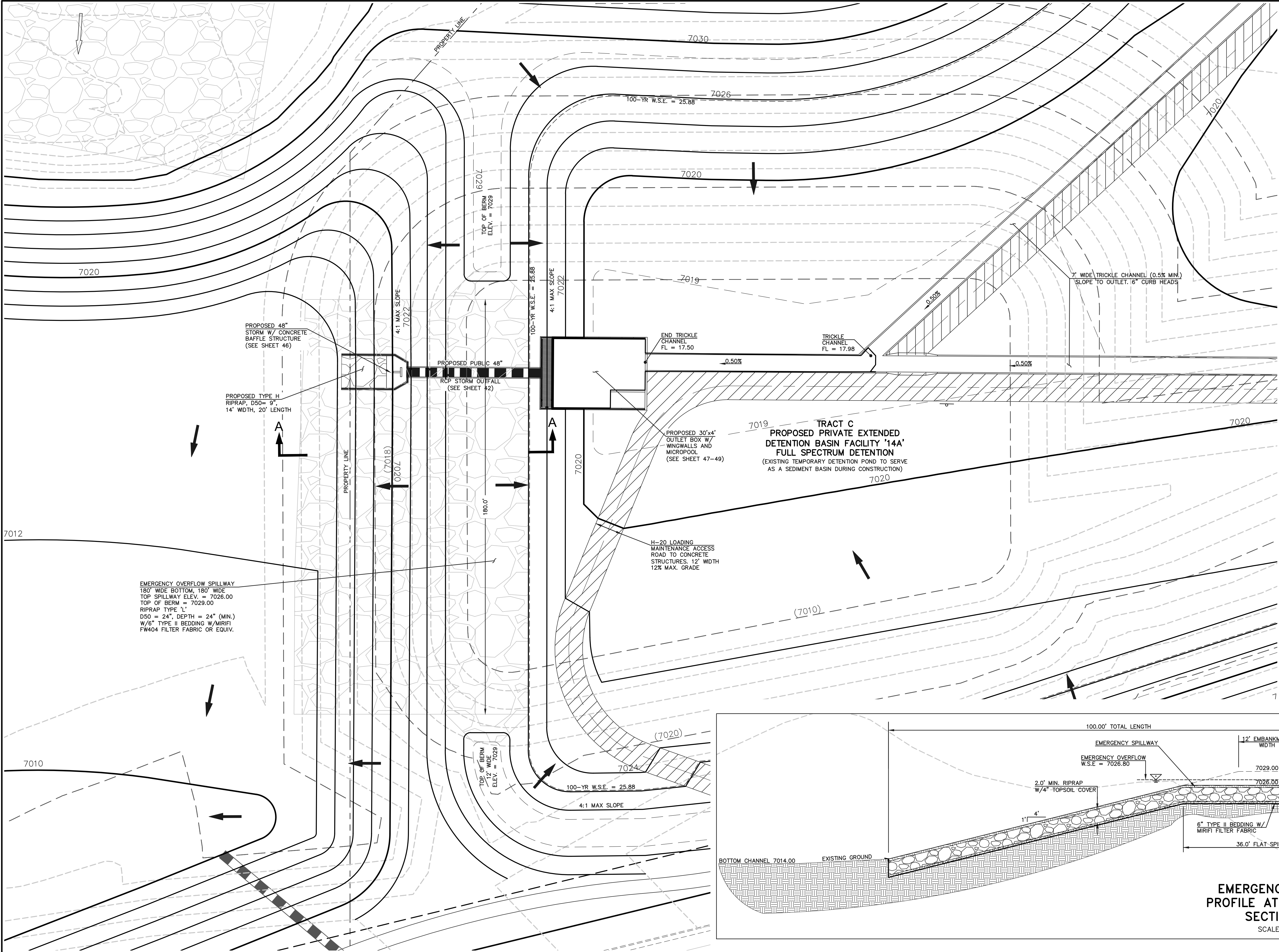
(719)785-0790
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STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS

POND '14A'
POND OUTLET BOX AND MICROPOOL DETAILS

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 2'	SHEET 48	OF 53
CHECKED BY		(V) 1" = N/A	JOB NO.	1183.30

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LEGEND

PROPOSED FIRE HYDRANT

PROPOSED WATER MAIN

PROPOSED SANITARY SEWER MAIN

PROPOSED STORM SEWER

PROPOSED STORM INLET

ROW/BOUNDARY LINE

EXISTING FIRE HYDRANT

EXISTING WATER MAIN

EXISTING SANITARY SEWER MAIN

EXISTING STORM SEWER

EXISTING STORM INLET

EXISTING GAS MAIN

EXISTING ELECTRIC

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KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
POND '14A'
SPILLWAY DETAILS

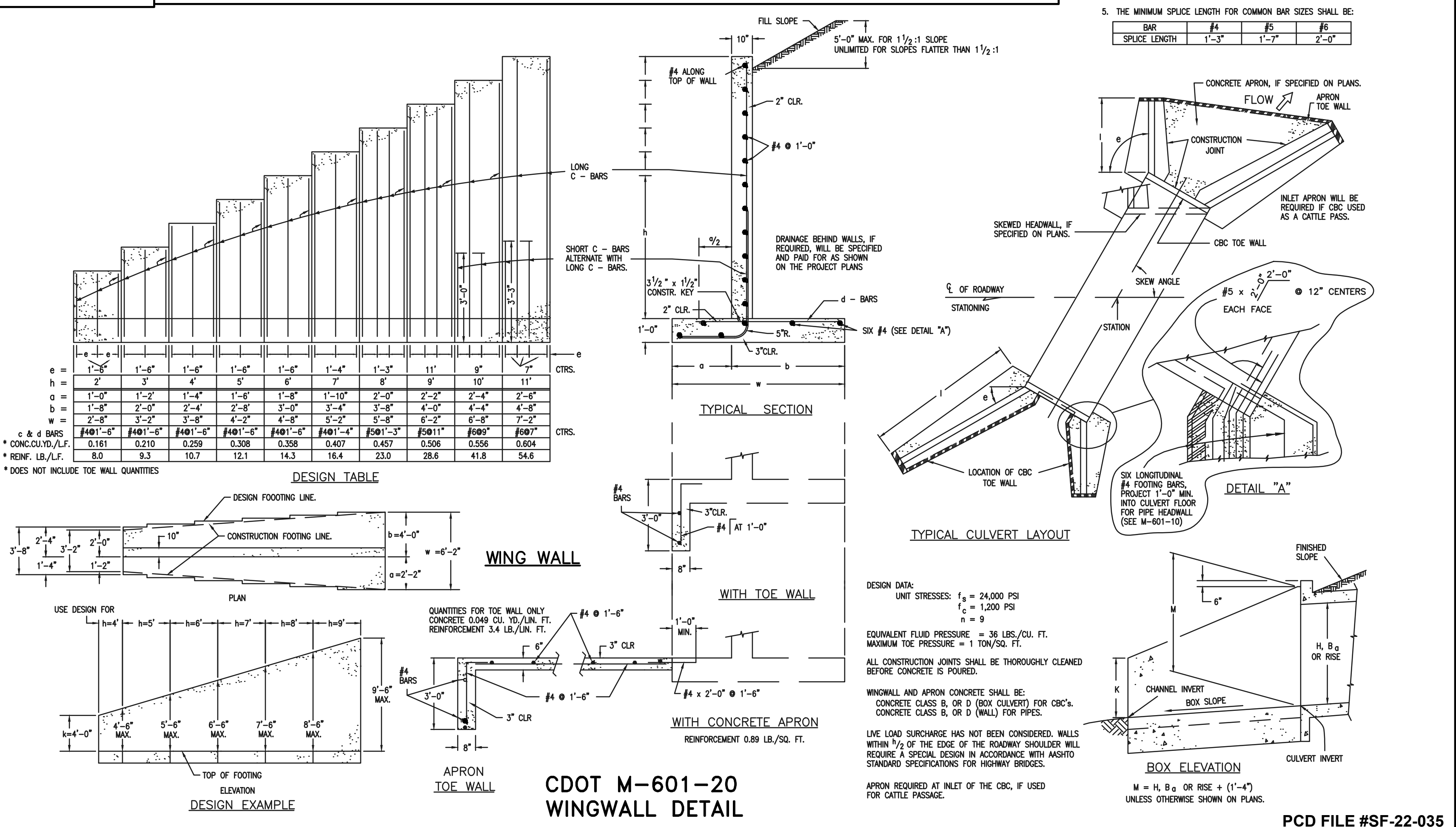
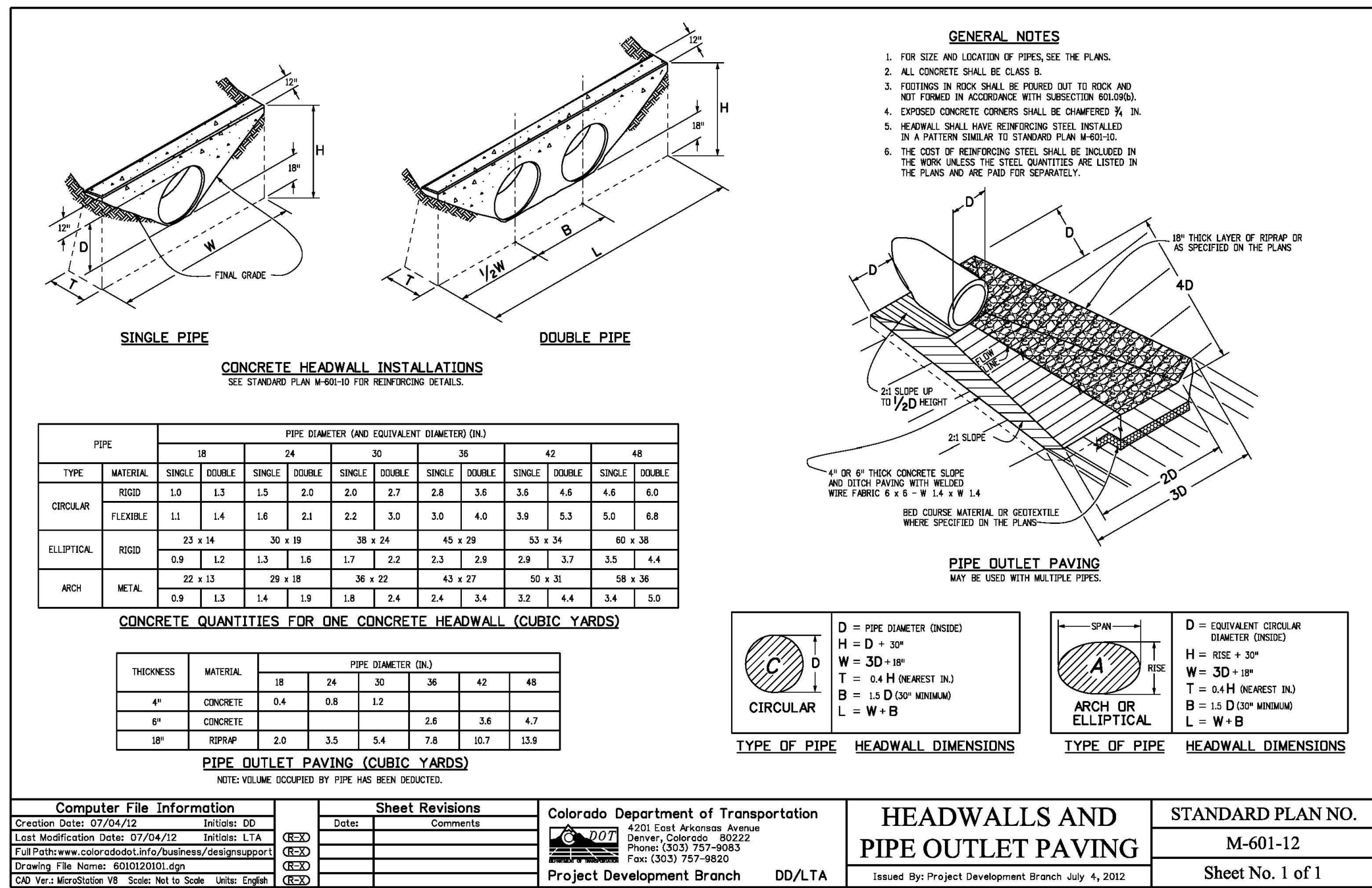
DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1"= 30'	SHEET	50 OF 53
CHECKED BY		(V) 1"= N/A	JOB NO.	1183.30


PCD FILE #SF-22-035

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Colorado Springs, Colorado 80903

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(719) 785-0799 (fax)

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STERLING RANCH EAST FILING NO. 1

CONSTRUCTION PLANS

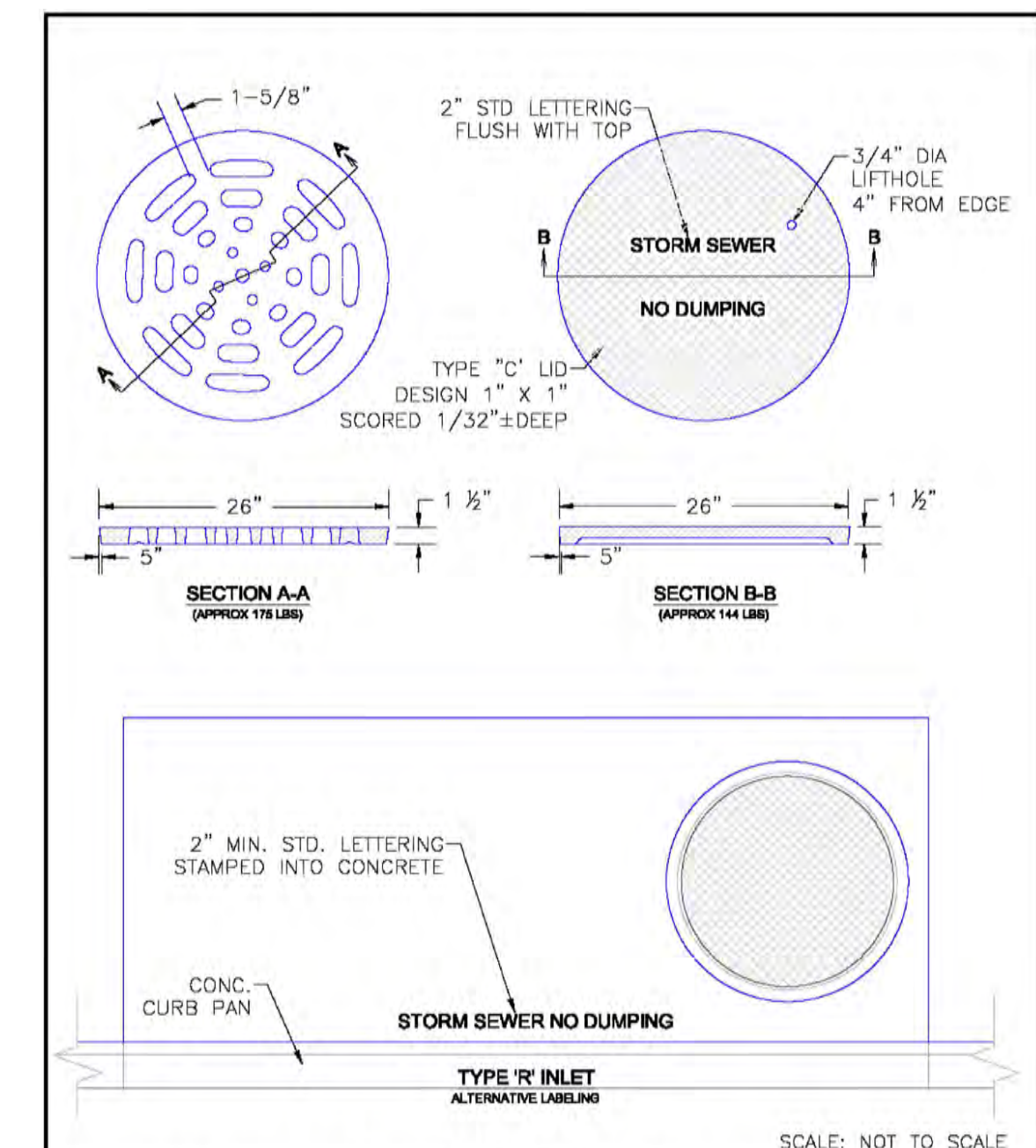
DETAILS SHEET

DESIGNED BY	MES	SCALE	08/31/22
DRAWN BY	MES	(H) 1" = N/A	SHEET 51 OF 53
CHECKED BY		(V) 1" = N/A	JOB NO. 1183.30



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MARK	DIA. IN.	O.C. SPACING	TYPE	ALL INLETS				INLETS, H ≥ 5'				INLETS, H ≥ 5'			
				L = 4' - 10'		10'		15'		10'		15'			
				NO REQ'D.	LENGTH	NO REQ'D.	LENGTH	NO REQ'D.	LENGTH	NO REQ'D.	LENGTH	NO REQ'D.	LENGTH		
401	1/2"	1"	II	15	*	21	*	26	*	11	*	11	*		
402		1"	II	7	*	13	*	18	*	7	*	7	*		
403		9"	II	*	4'-10"	*	4'-0"	*	4'-0"	*	4'-0"	*	4'-10"		
405		6"	VI	11	6'-10"	21	6'-10"	31	6'-10"	11	6'-10"	11	6'-10"		
406	6"	VIII	7	8'-10"	7	13'-10"	7	18'-10"	7	8'-10"	7	8'-10"			
407	9/2"	9"	II	*	5'-10"	*	10'-10"	*	15'-10"	*	5'-10"	*	5'-10"		
408	12"	II	3	6'-10"	3	11'-0"	3	16'-0"	3	11'-0"	3	16'-0"			
409	8"	II	6	5'-10"	6	10'-10"	6	15'-10"	6	10'-10"	6	15'-10"			
410	1"	VI							3	*	3	*			
411	1"	II							3	5'-2"	3	10'-2"			
412	1"	II							3	2'-9"	3	2'-9"			
413	9"	II							7	10'-10"	7	15'-10"			
501	5/8"	5 1/2"	IV	11	3'-4"	22	3'-4"	33	3'-4"	22	3'-4"	33	3'-4"		
502		5 1/2"	III							11	11'-5"	17	11'-5"		
503		5 1/2"	II	5	3'-6"	16	3'-6"	27	3'-6"	6	3'-6"	6	3'-6"		
504		5 1/2"	IX									5	8'-4"		
601	3/4"	2 1/2"	V	2	8'-10"	2	8'-10"	2	8'-10"	2	8'-10"	4	8'-10"		
8.5				1	5'-10"	1	10'-10"	1	15'-10"	1	10'-10"	1	15'-10"		

* 2BARS, 1 ROD
* 4BARS, 3 RODS
* 6BARS, 5 RODS
* 8BARS, 3 RODS
* 8BARS, 5 RODS

NOTE: FOR L=5', L=10' AND L=15'
REGULAR INLETS: TOTAL QUANTITIES
NEEDED ARE OUTSIDE OF
THE HEAVY BLACK LINE.
DROP BOX INLETS: TOTAL QUANTI-
TIES NEEDED ARE INSIDE OF THE
HEAVY BLACK LINE



9/16/10

DATE APPROVED

Andre P. Brackin

DESIGNER OF TRANSPORTATION

REVISION DATE

9/16/10

★ FOR LENGTH GREATER THAN 5 FT. PROVIDE ACCESS AT BOTH ENDS.

■ ADDITIONAL MANHOLE RING AND COVER REQUIRED WHEN L=10' OR MORE. CUT REINFORCEMENT BAR ACCORDINGLY.

▲ - FOR A 1'-0" PAN SLOPE 2" PER FT.

SECTION A-A REGULAR INLET

SECTION A-A INLET WITH DROP BOX $H > 5'$

SECTION B-B TYPICAL END VIEW

NOTES: MANHOLE RING & COVER, STATION POINT AND OUTFLOW PIPE SHALL BE LOCATED AT THE SAME END OF THE INLET.

SECTIONS C-C & D-D

(DOTTED BARS ARE IN SECTION D-D)

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