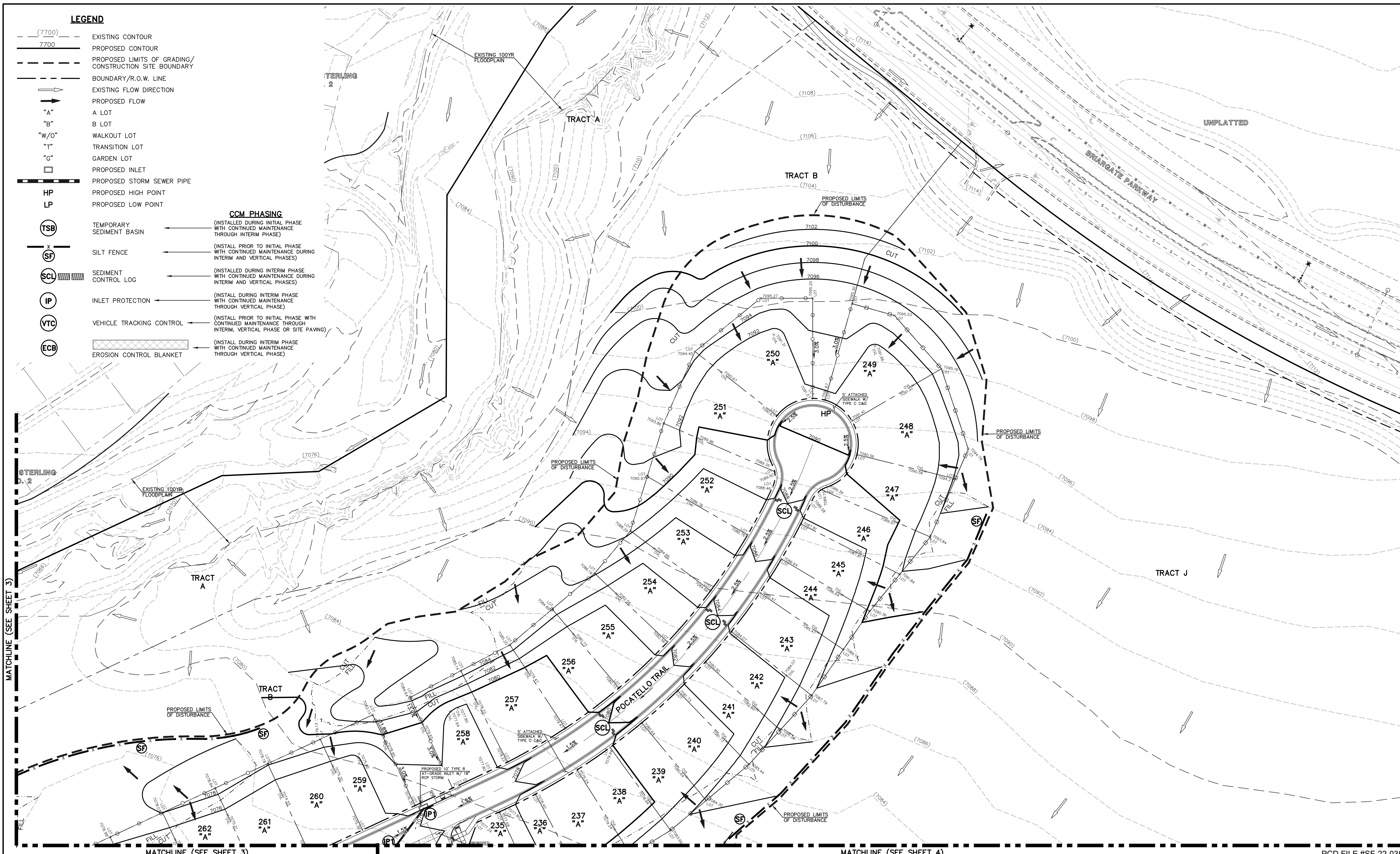


LEGEND

- (7700) EXISTING CONTOUR
- 7700 PROPOSED CONTOUR
- PROPOSED LIMITS OF GRADING/
CONSTRUCTION SITE BOUNDARY
- BOUNDARY/R.O.W. LINE
- EXISTING FLOW DIRECTION
- PROPOSED FLOW
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- "B" B LOT
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- HP PROPOSED HIGH POINT
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CCM PHASING

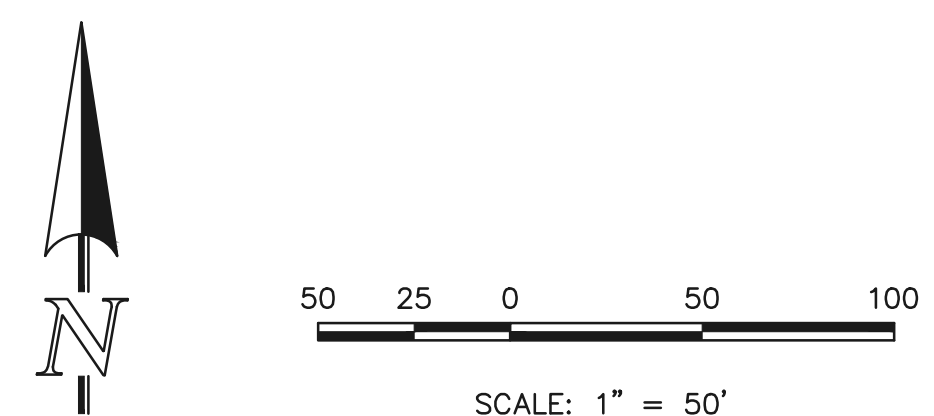
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- EROSION CONTROL BLANKET (INSTALL DURING INTERIM PHASE WITH CONTINUED MAINTENANCE THROUGH VERTICAL PHASE)



MATCHLINE (SEE SHEET 3)

MATCHLINE (SEE SHEET 4)

PCD FILE #SF-22-035



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

48 HOURS BEFORE YOU DIG,
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NO.	REVISION	DATE

REVIEW:

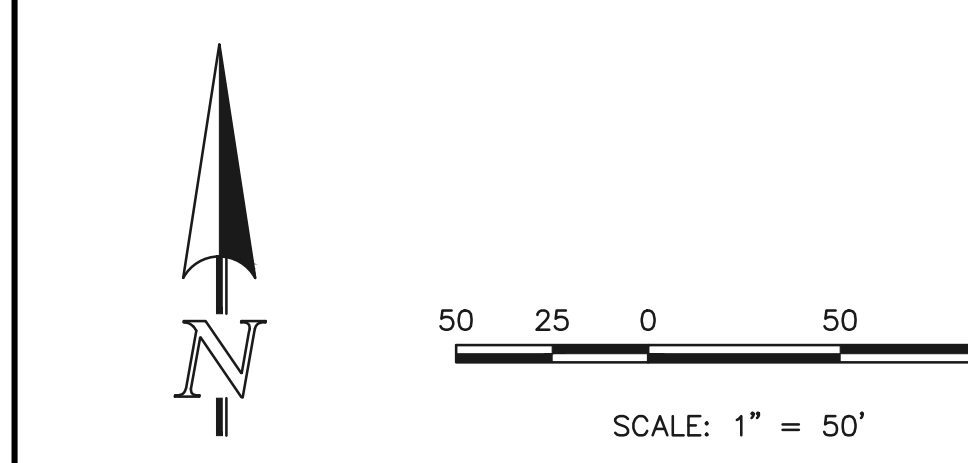
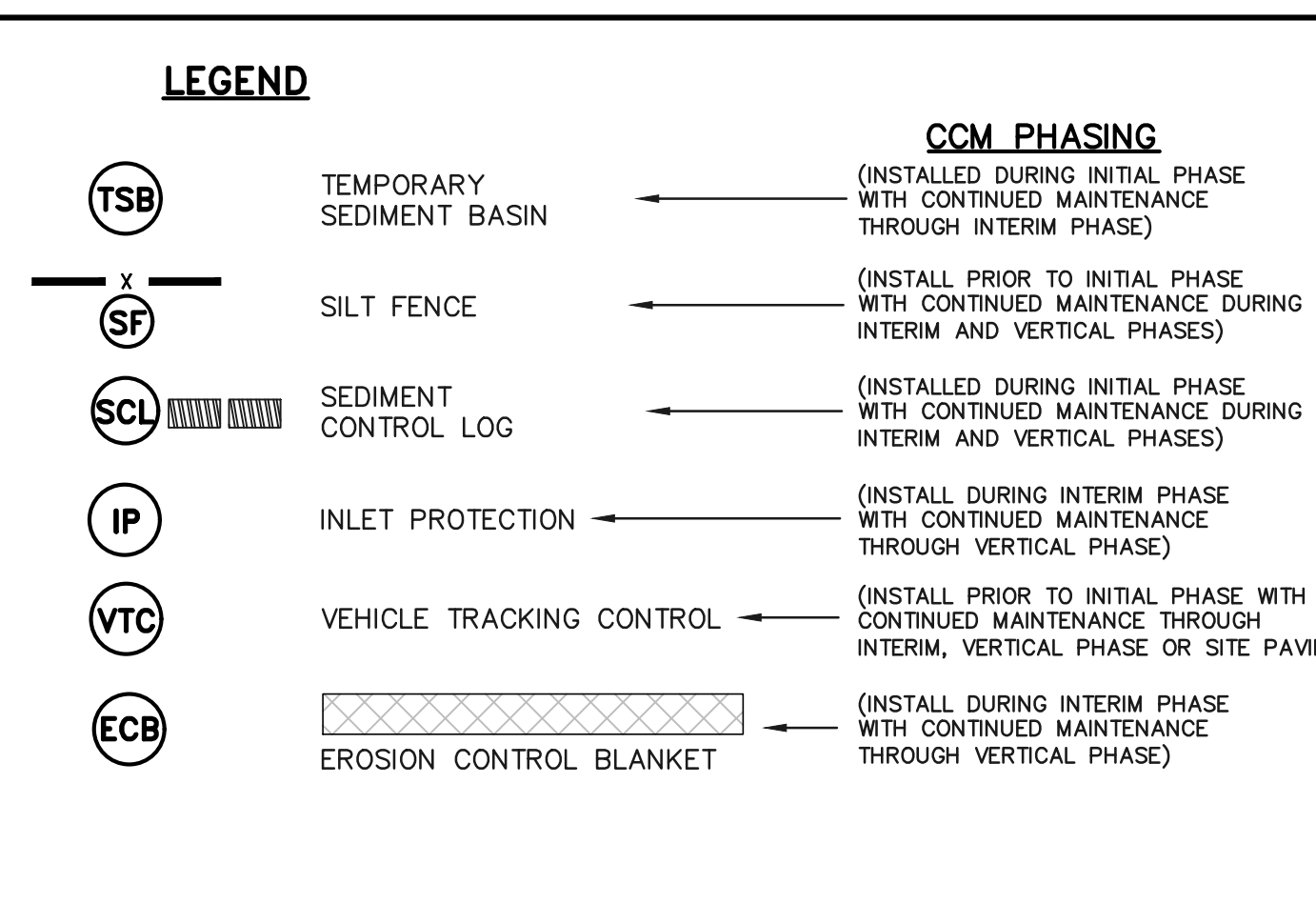
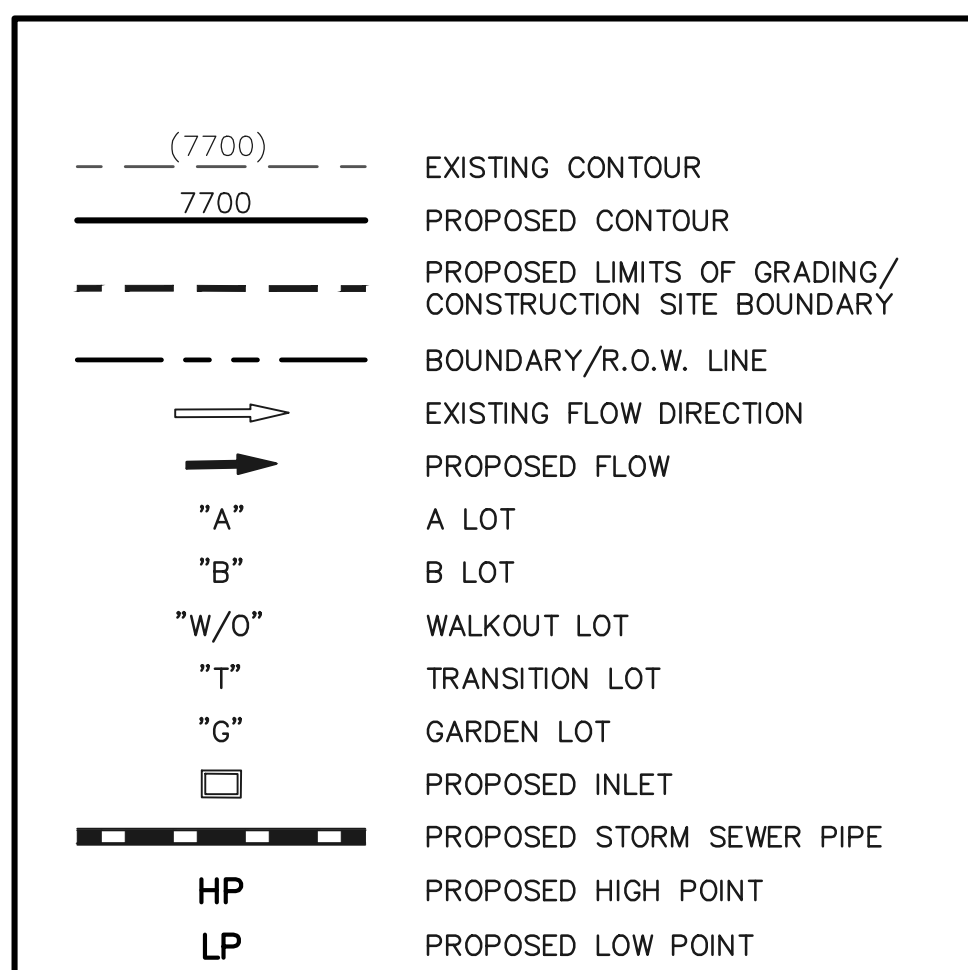
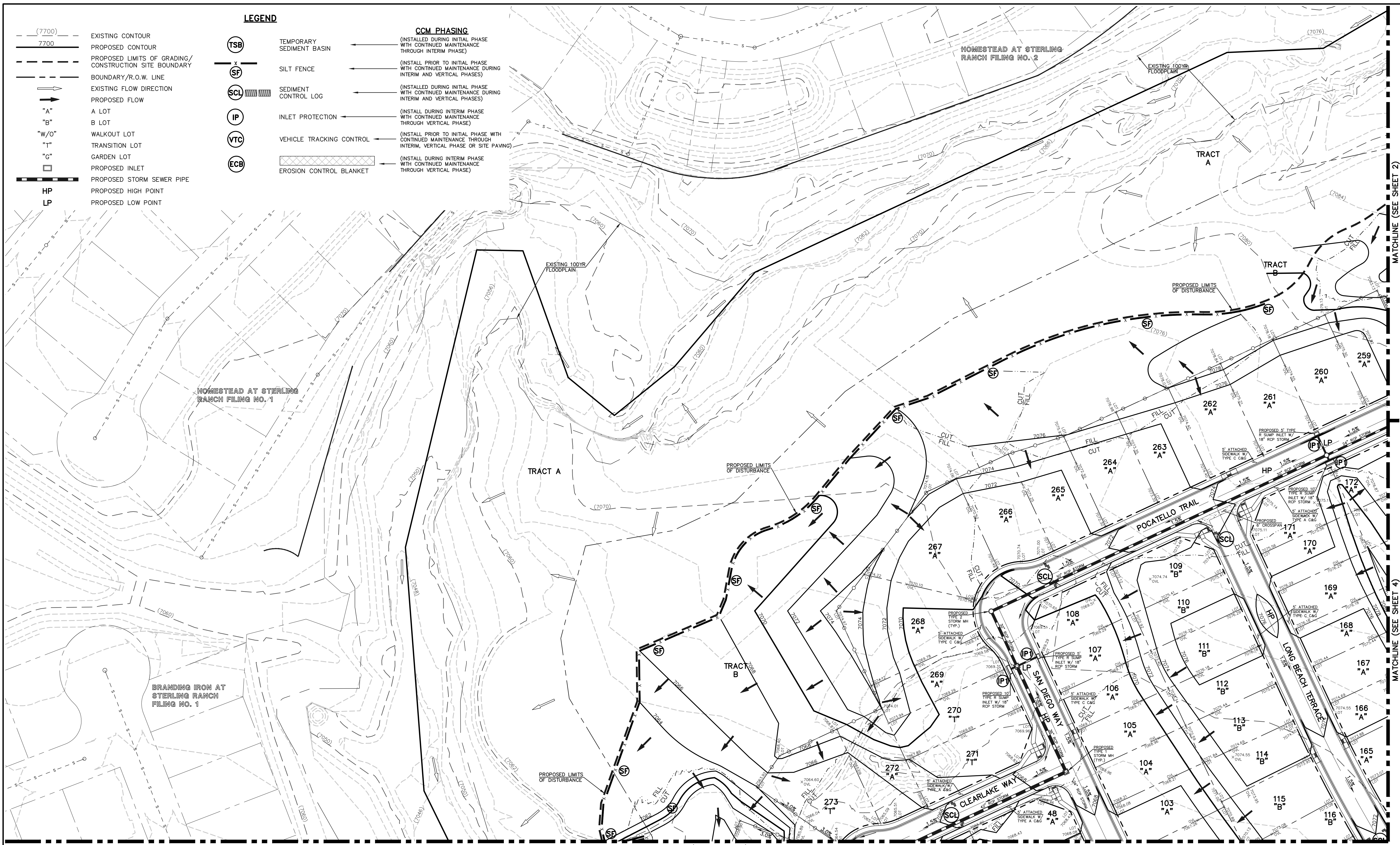
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

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



STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS GRADING AND EROSION CONTROL PLAN			
DESIGNED BY	MES	SCALE	DATE 08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET 2 OF 53
CHECKED BY		(V) 1" = N/A	JOB NO. 1183.30





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DESIGNED BY: MES SCALE: DATE: 08/31/22

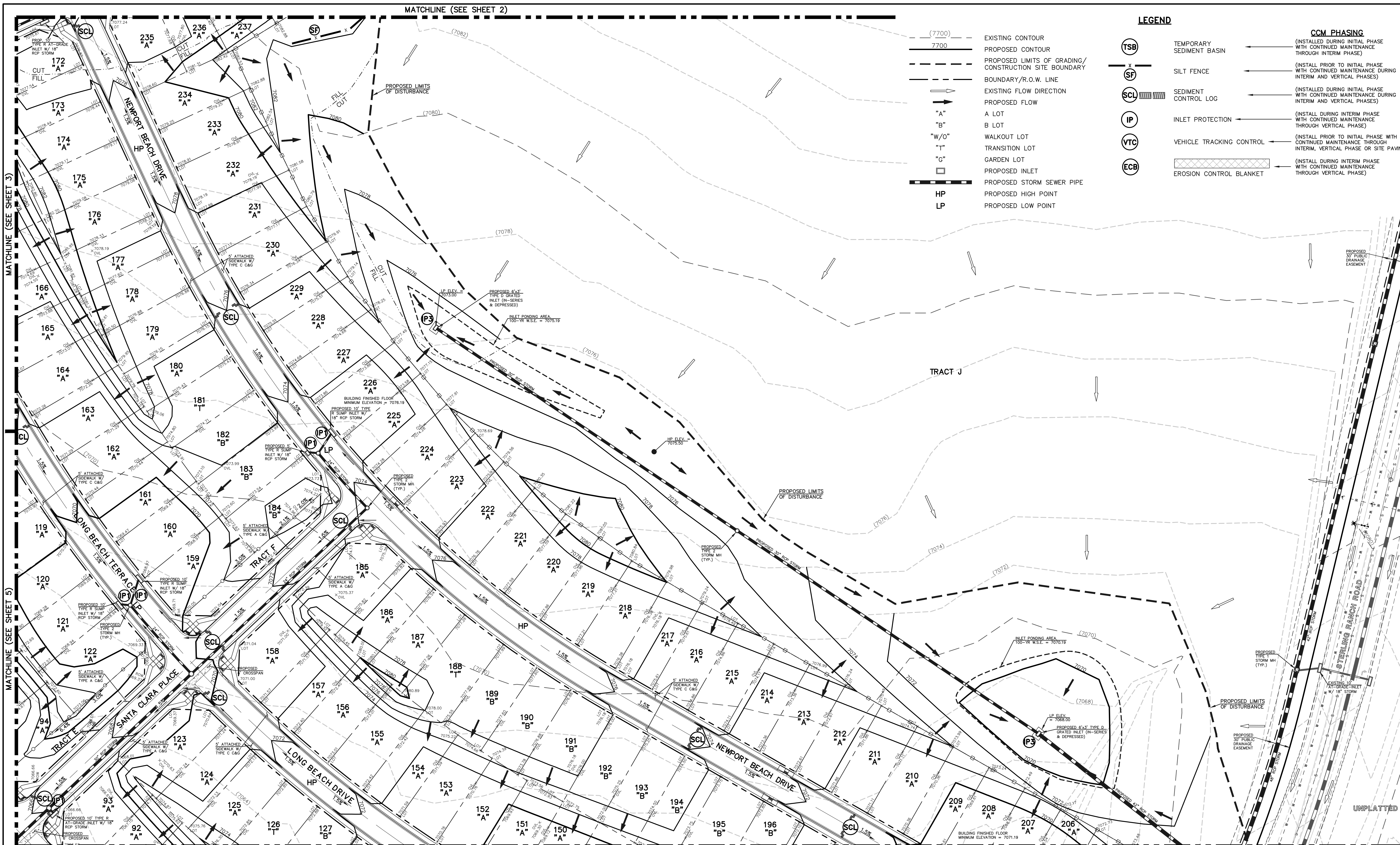
DRAWN BY: MES (H) 1" = 50' SHEET 3 OF 53

CHECKED BY: (V) 1" = N/A JOB NO. 1183.30

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

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MATCHLINE (SEE SHEET 2)



- (7700) EXISTING CONTOUR
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LEGEND

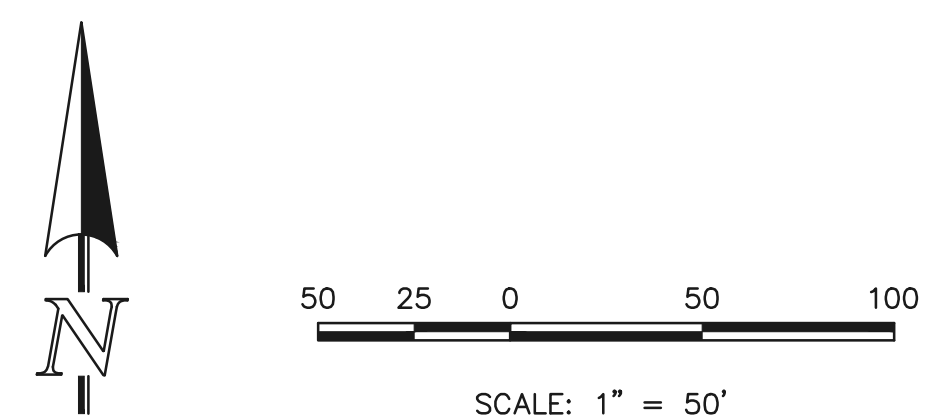
- (TSB) TEMPORARY SEDIMENT BASIN
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- (VTC) VEHICLE TRACKING CONTROL
- (ECB) EROSION CONTROL BLANKET
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MATCHLINE (SEE SHEET 3)

MATCHLINE (SEE SHEET 5)

MATCHLINE (SEE SHEET 6)

PCD FILE #SF-22-035



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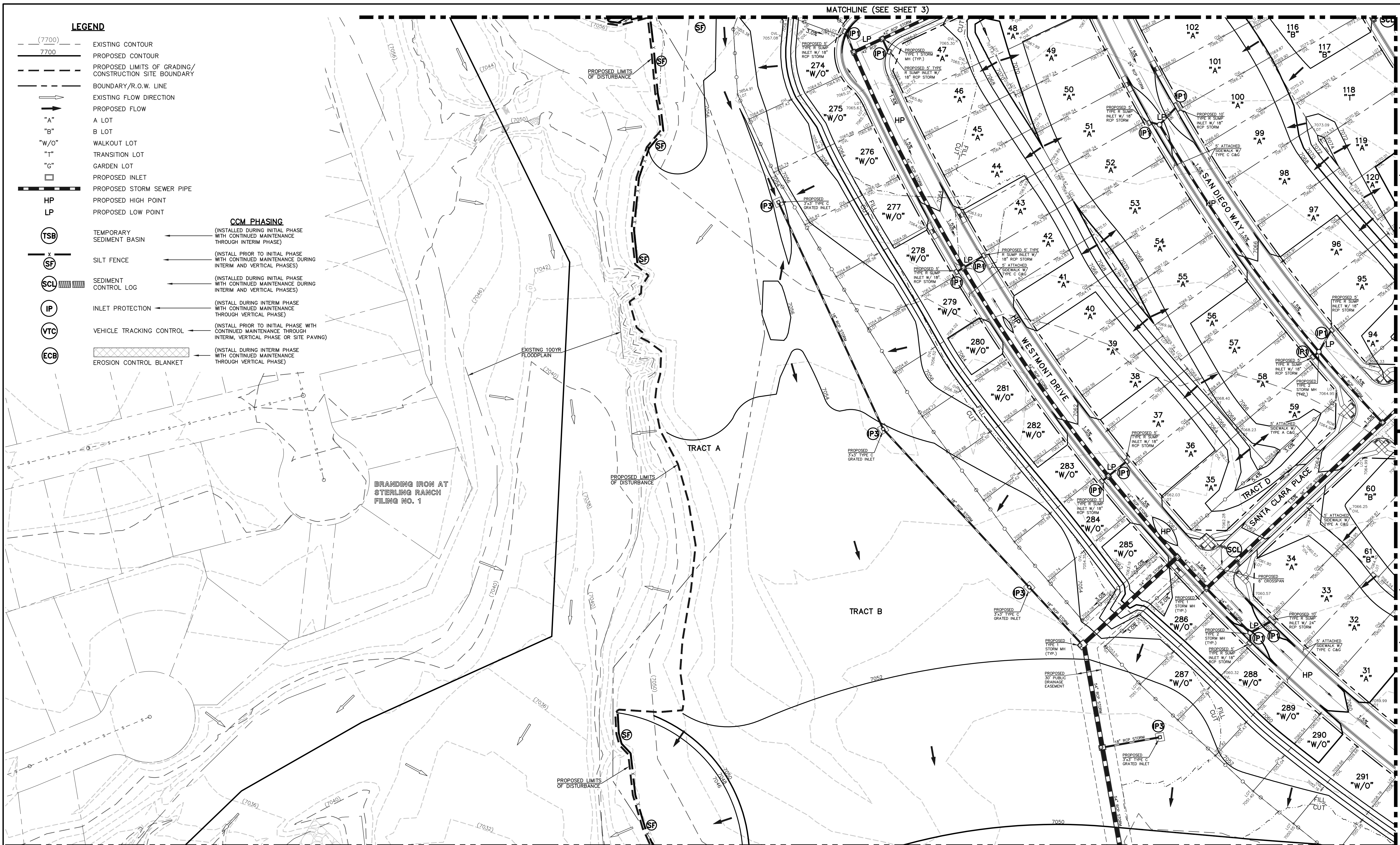
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CHECKED BY	(V)	1" = N/A	JOB NO.	1183.30

CLASSIC CONSULTING

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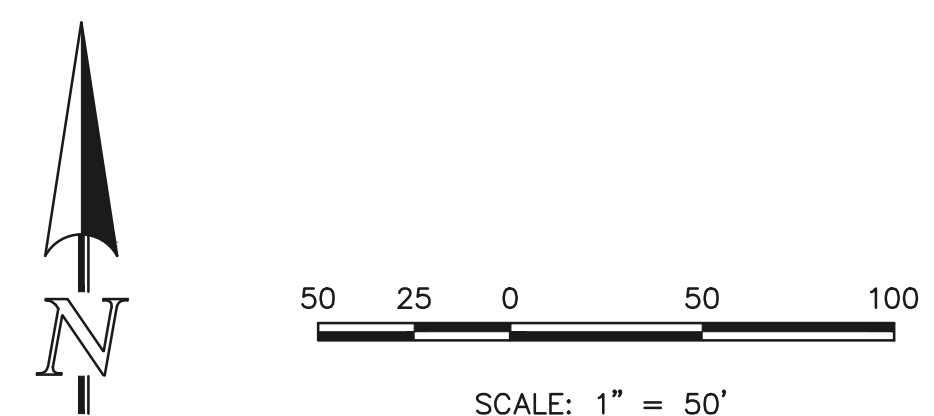


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DESIGNED BY MES SCALE DATE 08/31/22

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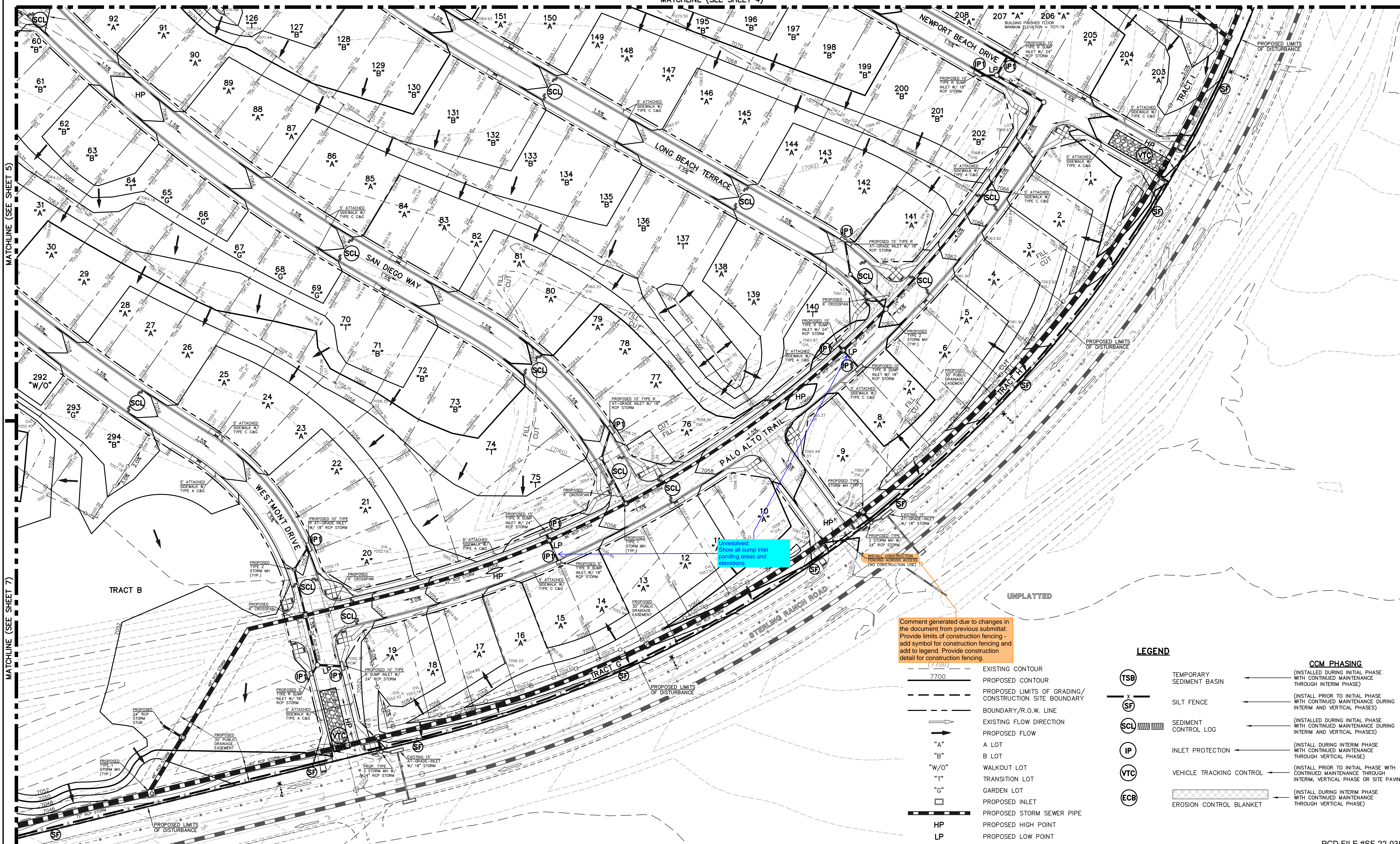


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MATCHLINE (SEE SHEET 4)

MATCHLINE (SEE SHEET 5)

MATCHLINE (SEE SHEET 7)



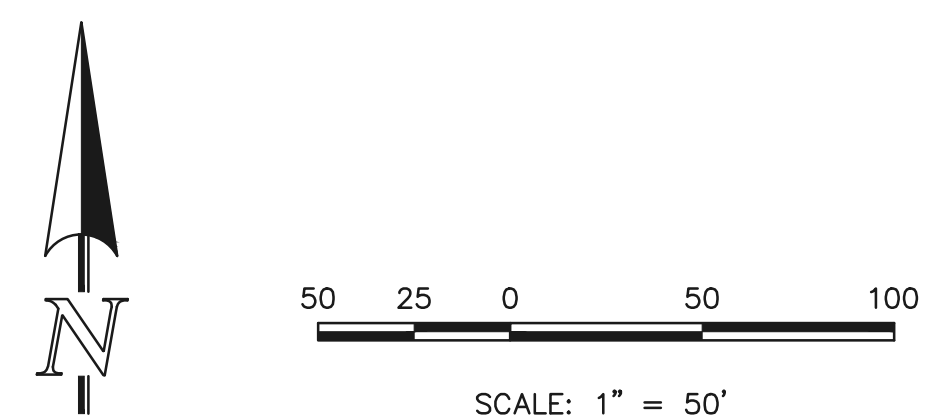
1. Unresolved
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ponding areas and
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Comment generated due to changes in the document from previous submittal: Provide limits of construction fencing - add symbol for construction fencing and add to legend. Provide construction detail for construction fencing.

LEGEND

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PCD FILE #SF-22-035



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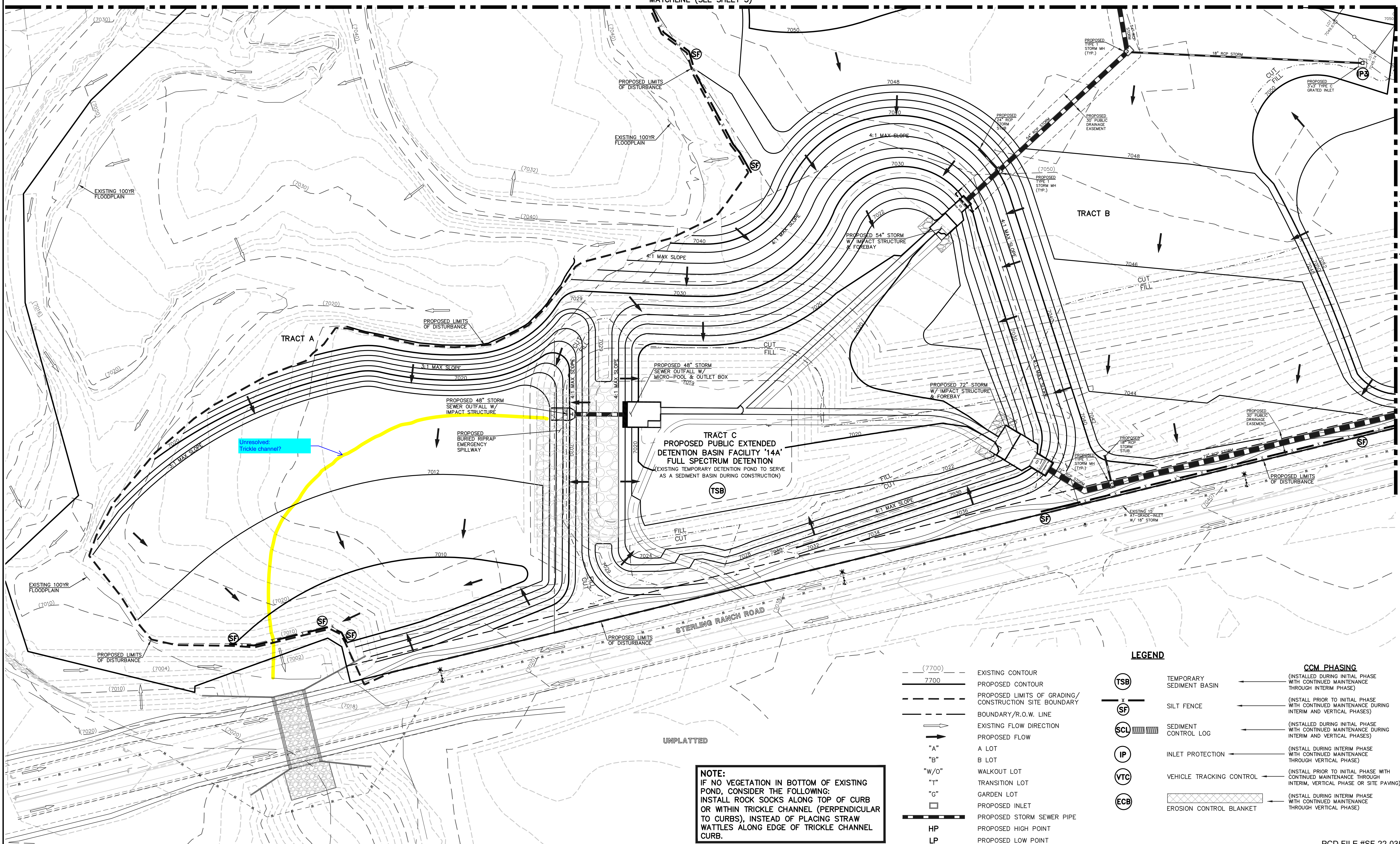
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MATCHLINE (SEE SHEET 5)

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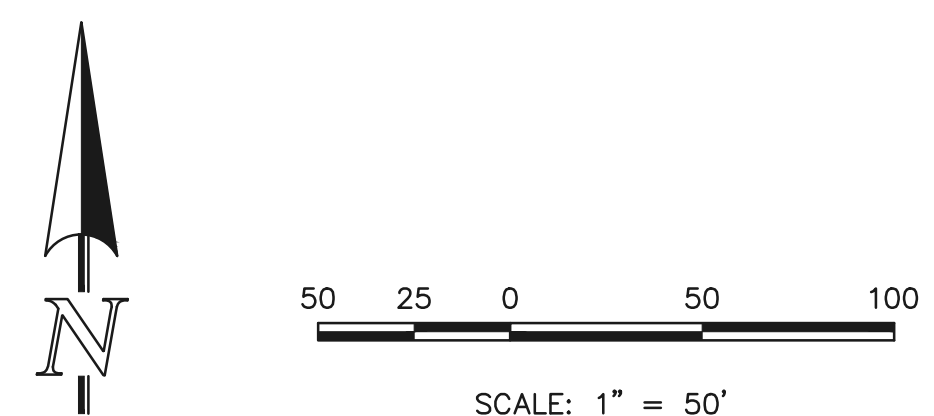


Unresolved Trickle channel?

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.

LEGEND		CCM PHASING	
(7700)	EXISTING CONTOUR	(TSB)	TEMPORARY SEDIMENT BASIN
7700	PROPOSED CONTOUR	(SF)	SILT FENCE
- - -	PROPOSED LIMITS OF GRADING/ CONSTRUCTION SITE BOUNDARY	(SCL)	SEDIMENT CONTROL LOG
- - -	BOUNDARY/R.O.W. LINE	(IP)	INLET PROTECTION
→	EXISTING FLOW DIRECTION	(VTC)	VEHICLE TRACKING CONTROL
→	PROPOSED FLOW	(ECB)	EROSION CONTROL BLANKET
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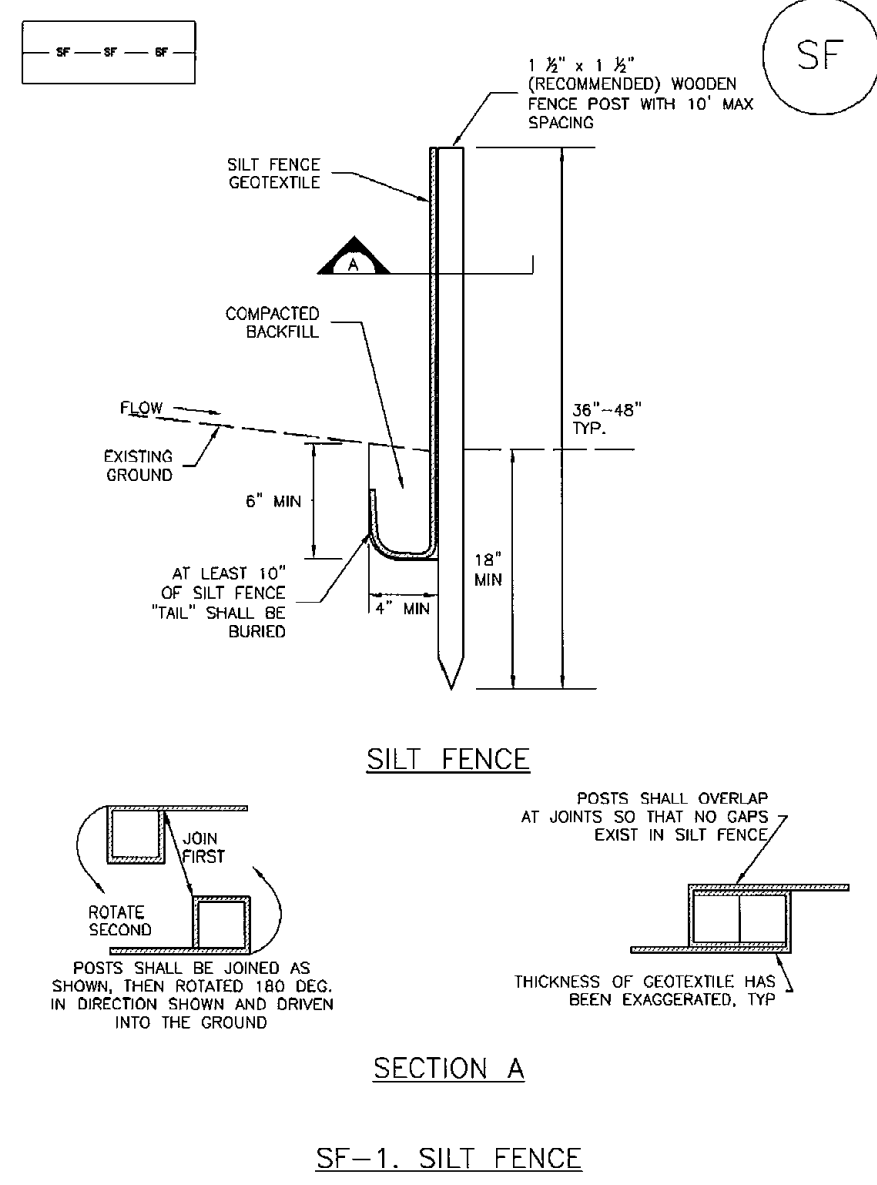


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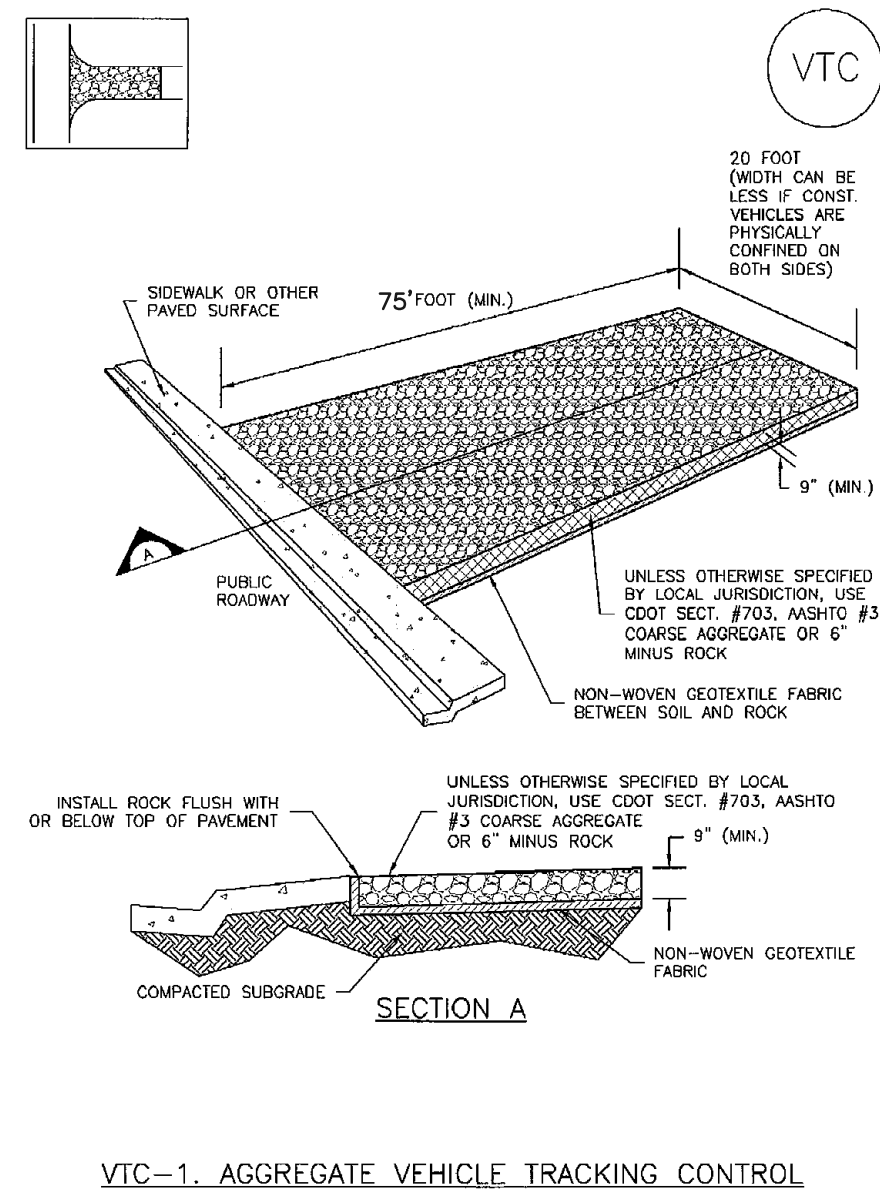


Silt Fence (SF) SC-1



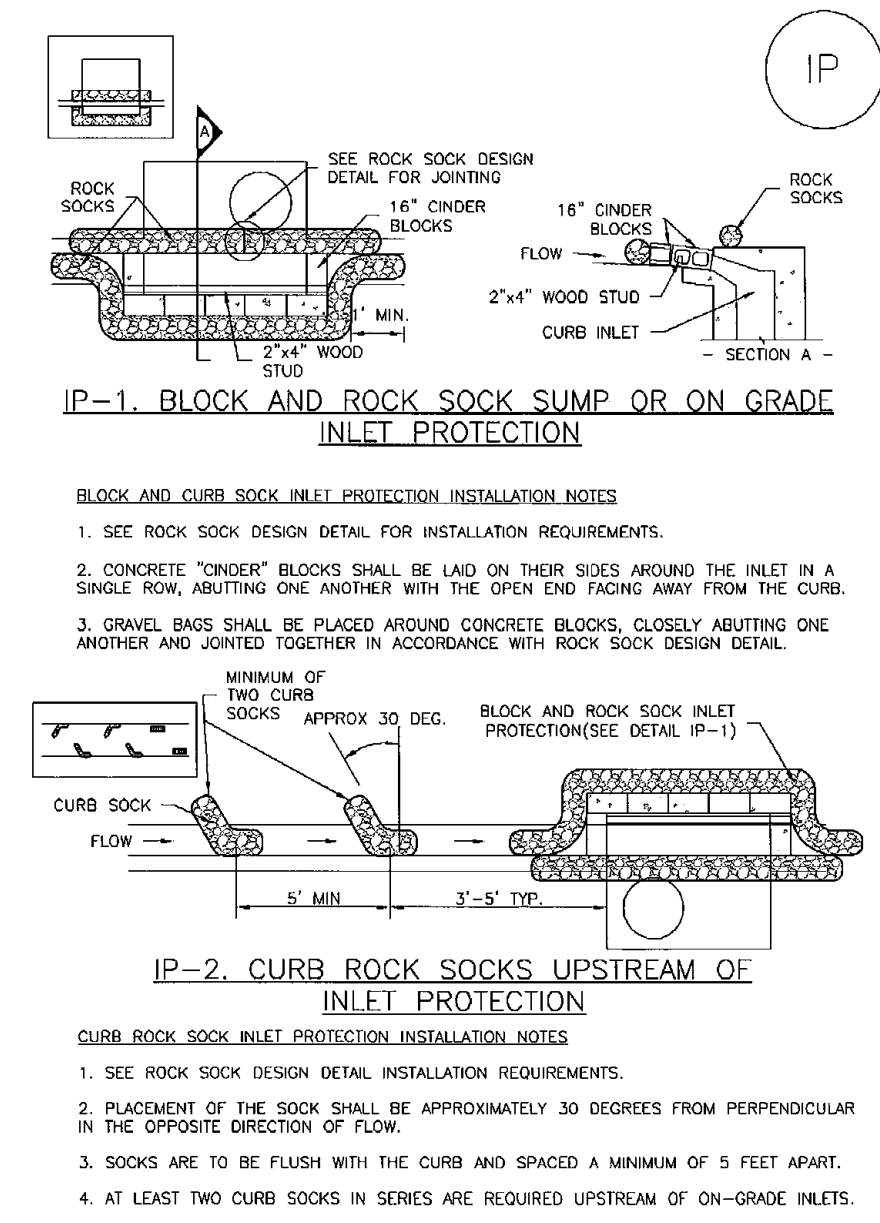
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SF-3

Vehicle Tracking Control (VTC) SM-4



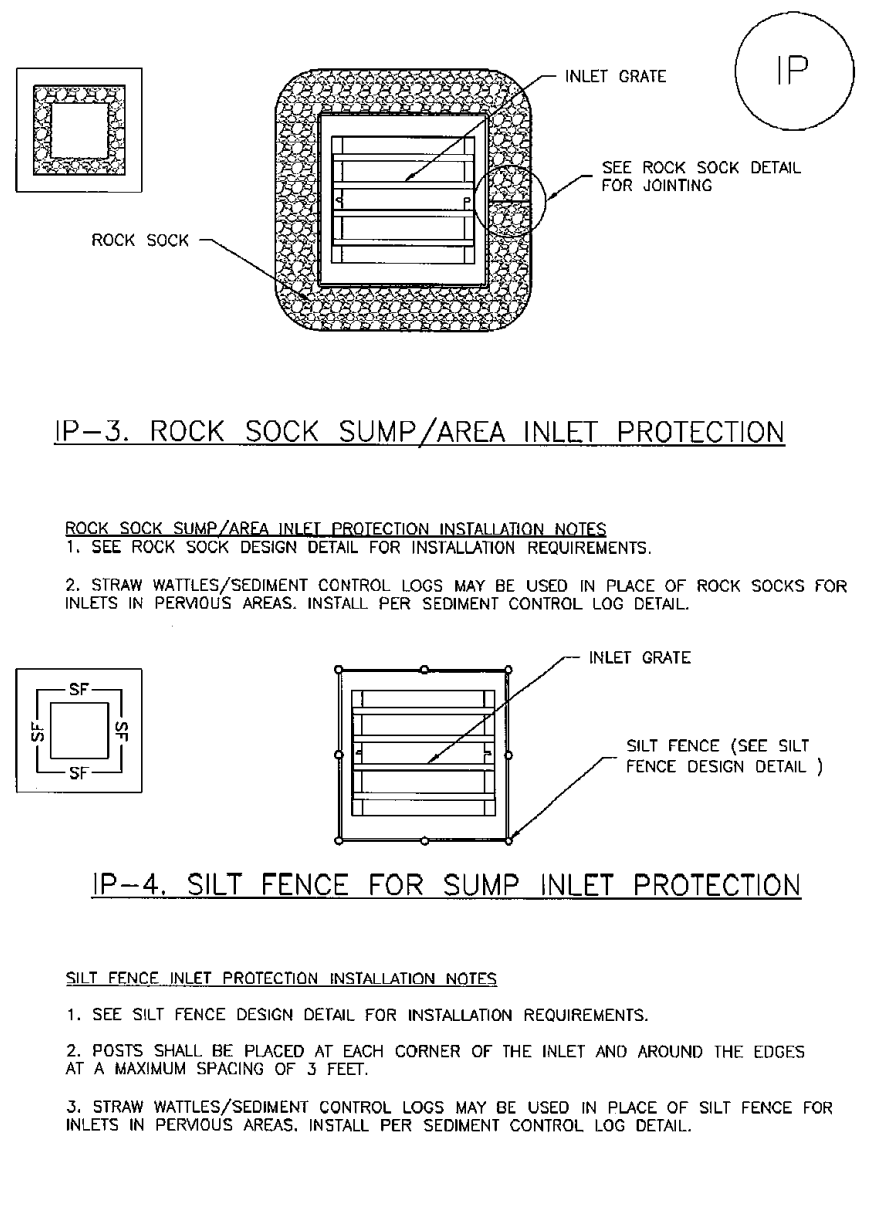
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-3

SC-6 Inlet Protection (IP)



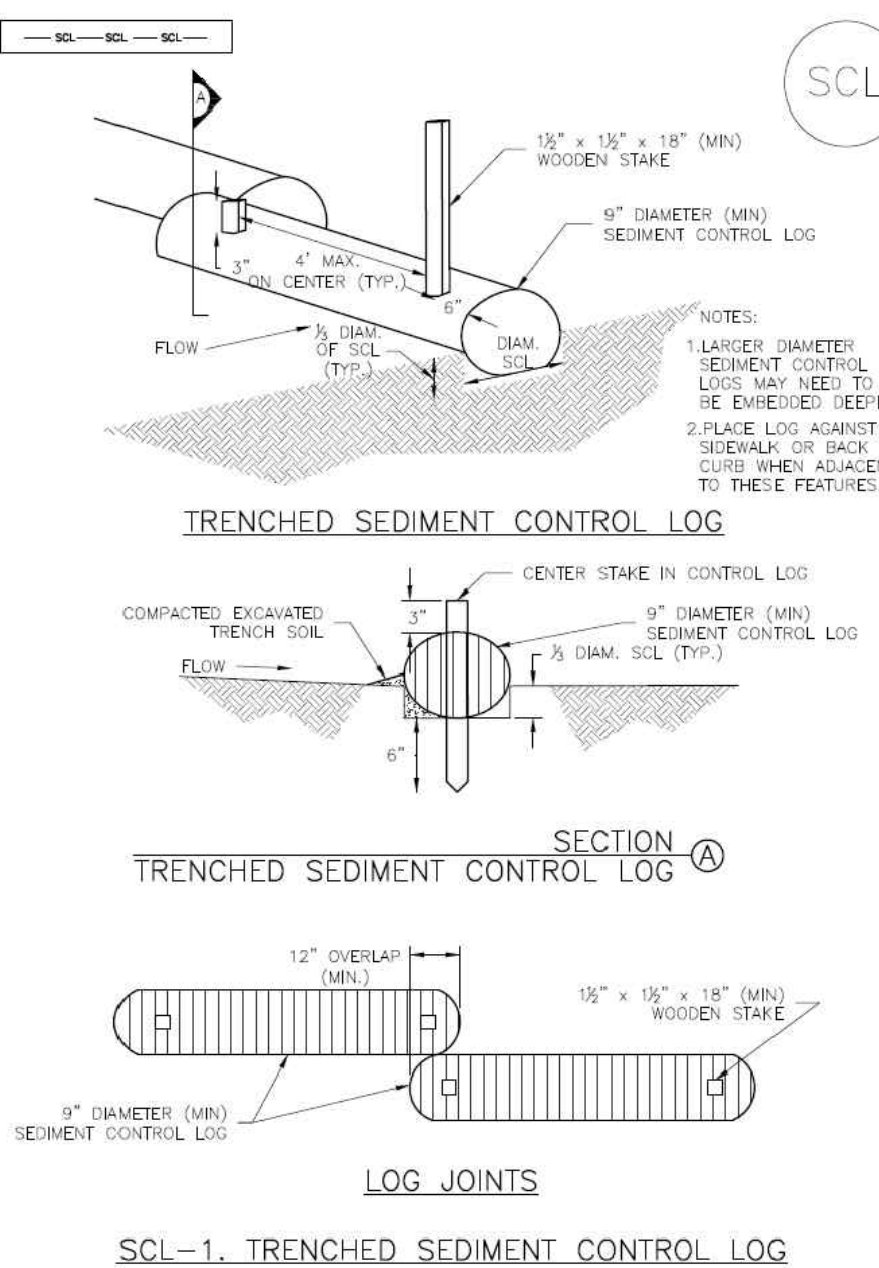
IP-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 August 2013

Inlet Protection (IP) SC-6



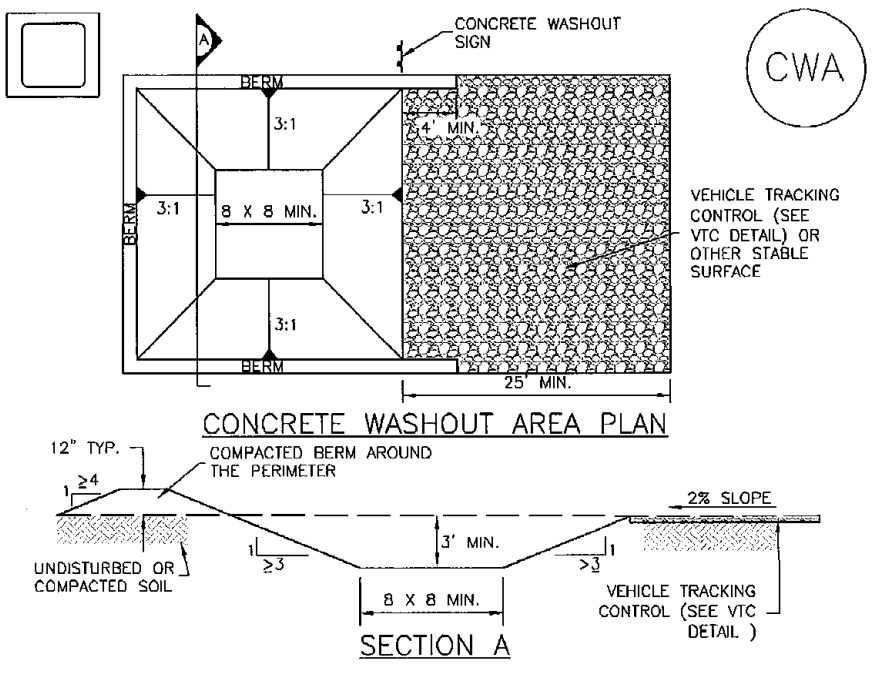
August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 IP-5

Sediment Control Log (SCL) SC-2



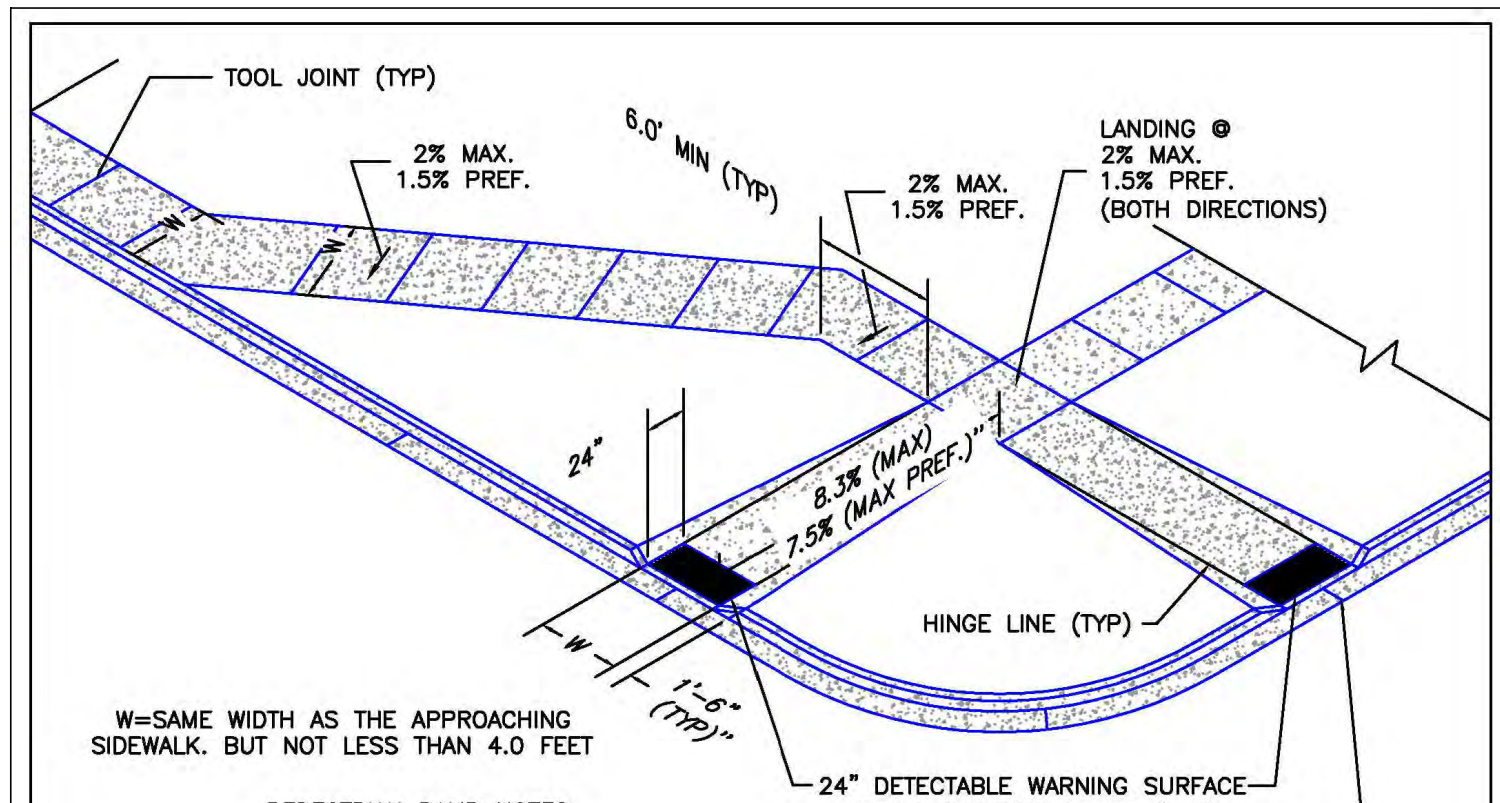
November 2015 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SCL-3

Concrete Washout Area (CWA) MM-1



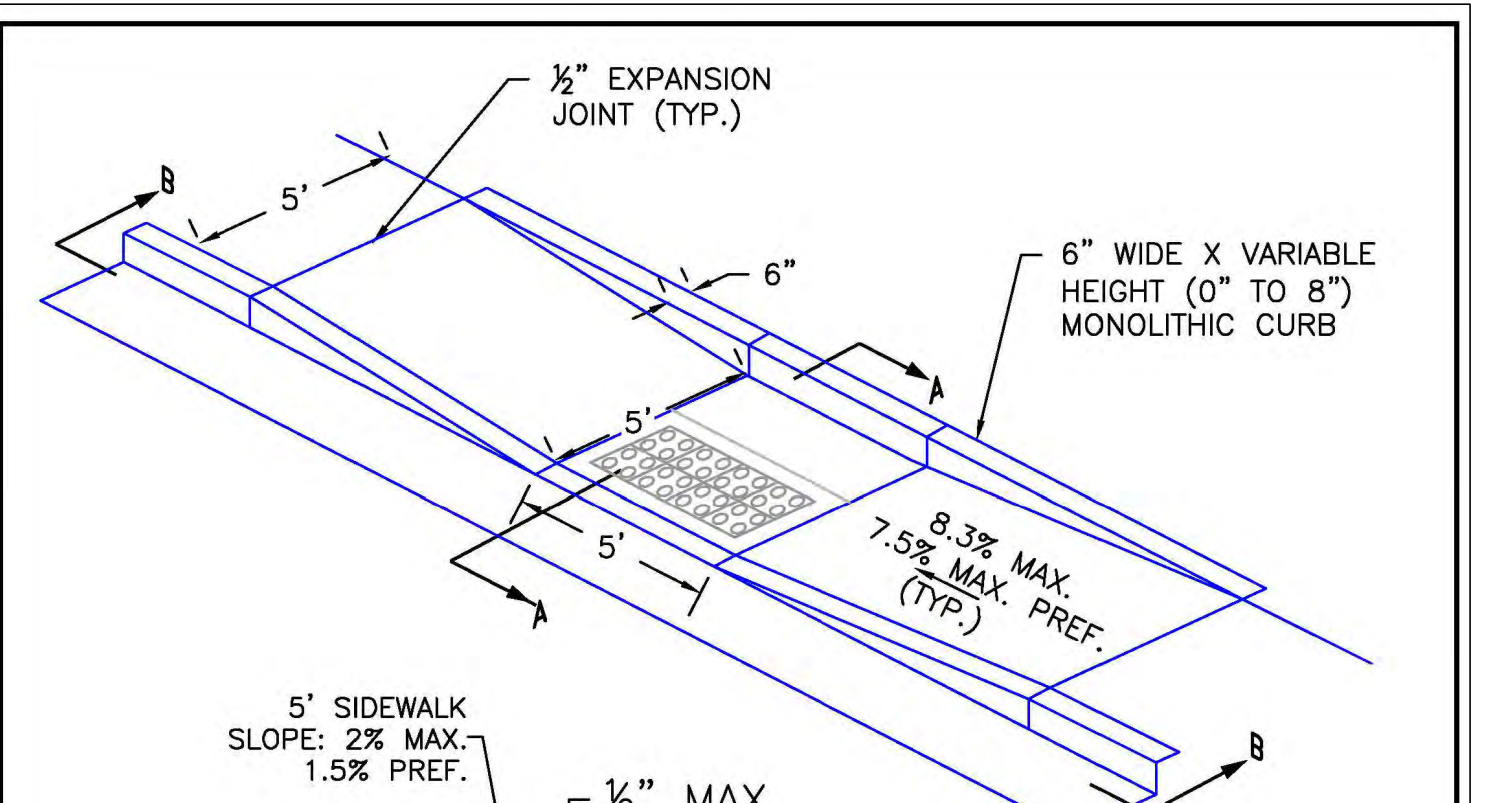
CWA-1. CONCRETE WASHOUT AREA
CWA INSTALLATION NOTES
 1. SEE PLAN VIEW FOR CWA INSTALLATION LOCATION.
 2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS FEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (1/8 IN. MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A UNDERGROUND STORAGE ARE SHOULD BE USED.
 3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
 4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8\"/>

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



PEDESTRIAN RAMP NOTES
 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT ENGINEERING CRITERIA MANUAL AND ADA REQUIREMENTS.
 2. CONTRACTOR TO NOTIFY ENGINEERING DIVISION INSPECTION STAFF 48 HOURS PRIOR TO CONCRETE PLACEMENT.
 3. PEDESTRIAN CURB RAMP CONSTRUCTION SHALL BE A MINIMUM 4,500 PSI CONCRETE, MINIMUM 4\"/>

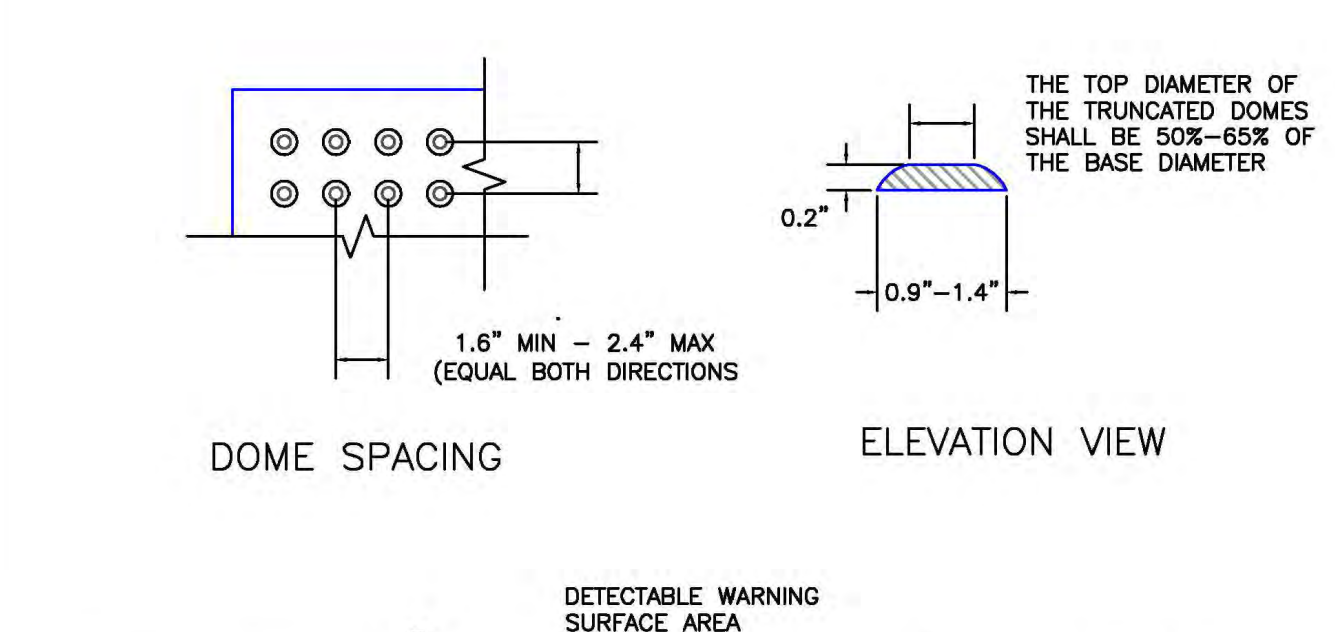
6/23/20 DATE APPROVED: Jennifer E. Irvine DEPARTMENT OF PUBLIC WORKS
 6/23/20 REVISION DATE: 6/23/20 FILE NAME: SD_2-41



GENERAL NOTES
 1. WHERE THE 1'-4\"/>

6/23/20 DATE APPROVED: Jennifer E. Irvine DEPARTMENT OF PUBLIC WORKS
 6/23/20 REVISION DATE: 6/23/20 FILE NAME: SD_2-50

TRUNCATED DOME DETAILS



DETECTABLE WARNING SURFACE AREA
 DETECTABLE WARNING SURFACE AREA: 3'-1\"/>

6/23/20 DATE APPROVED: Jennifer E. Irvine DEPARTMENT OF PUBLIC WORKS
 6/23/20 REVISION DATE: 6/23/20 FILE NAME: SD_2-42

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. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 4. THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN PIT, SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2\"/>

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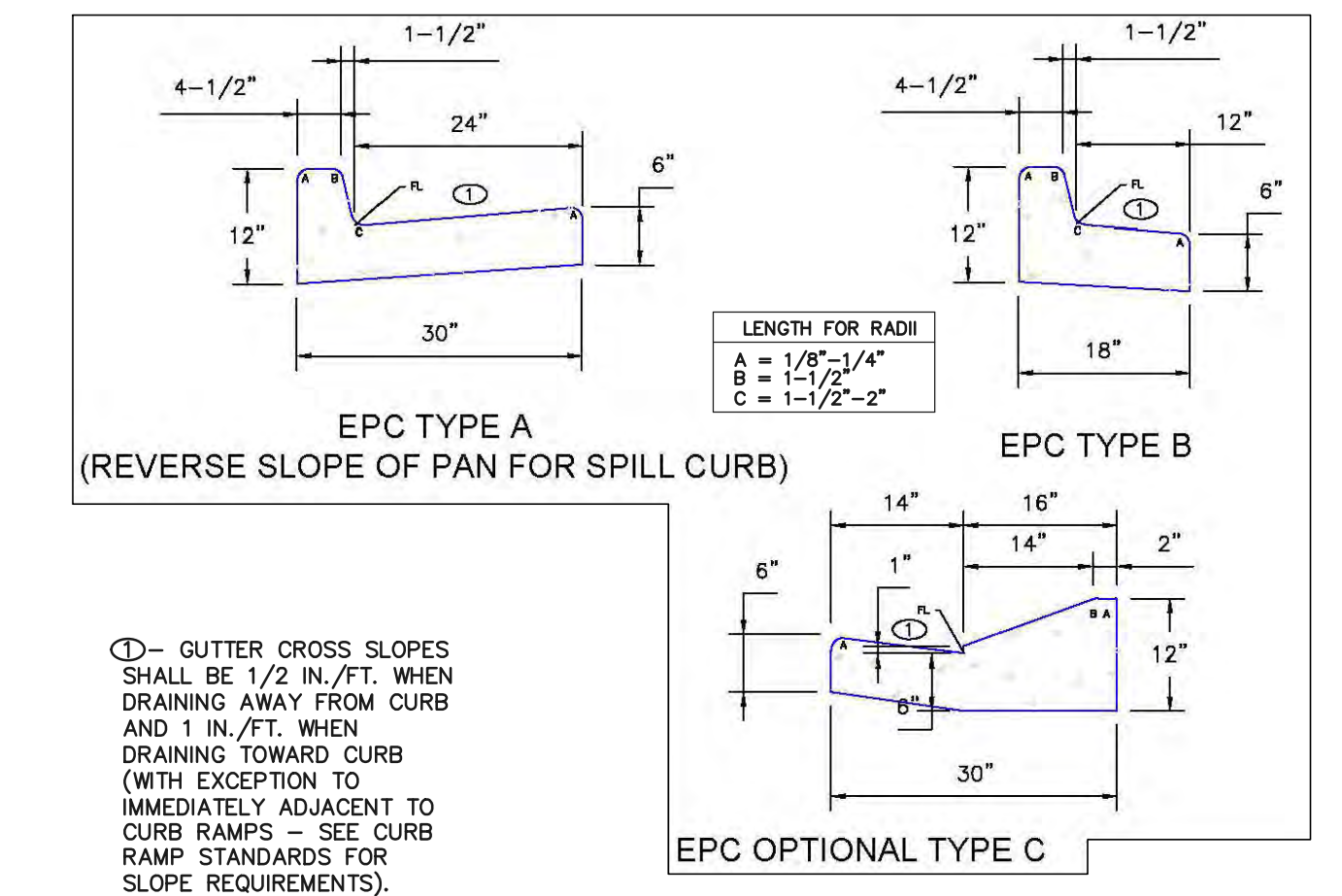
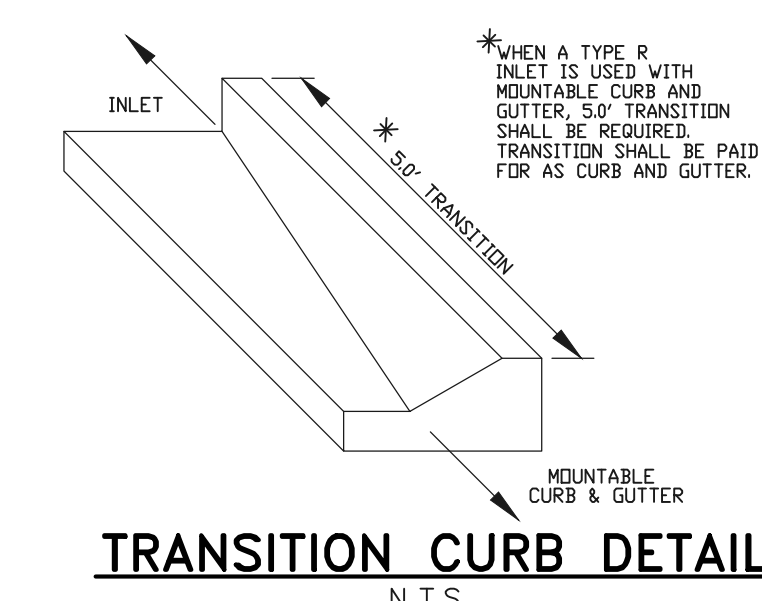
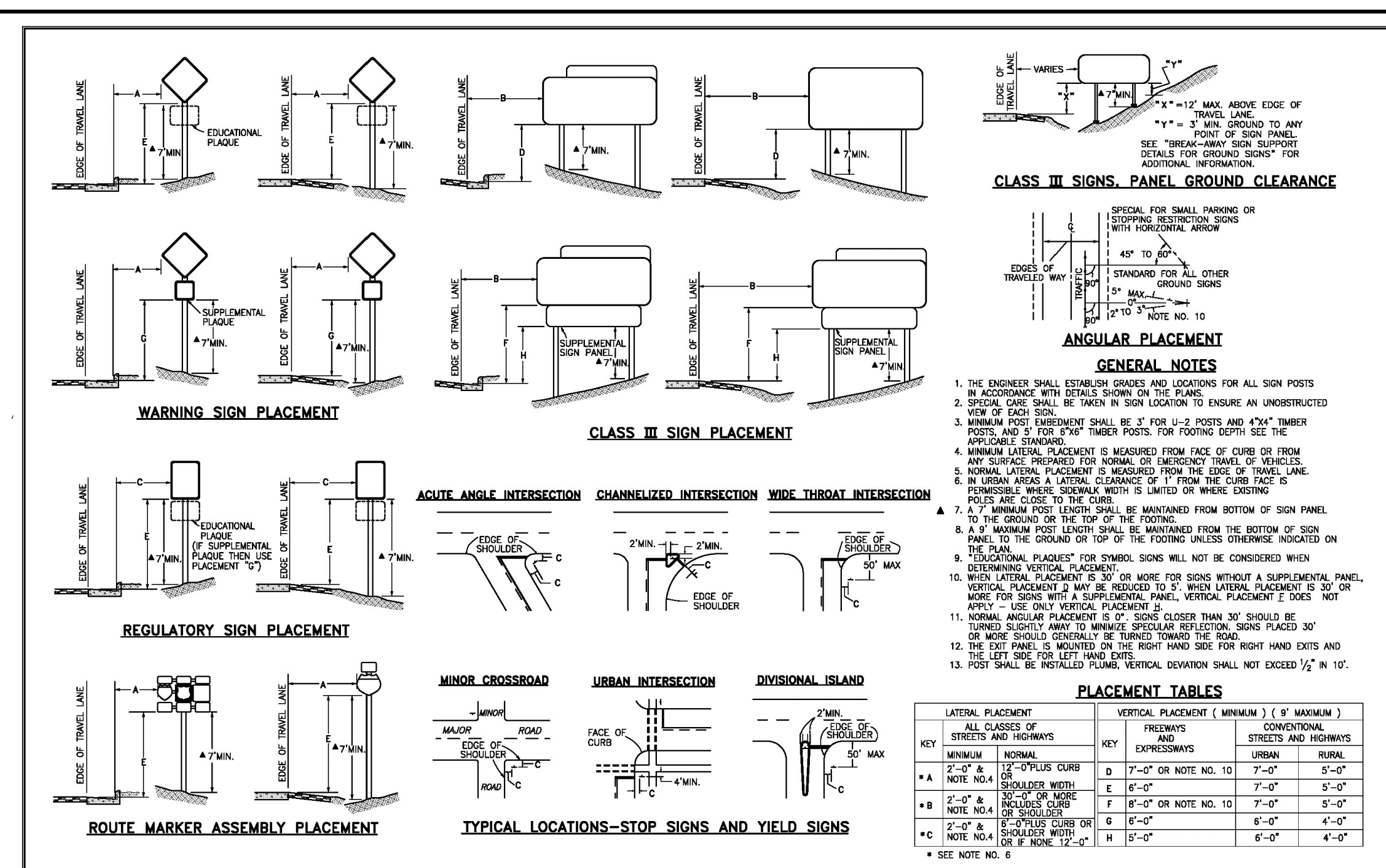
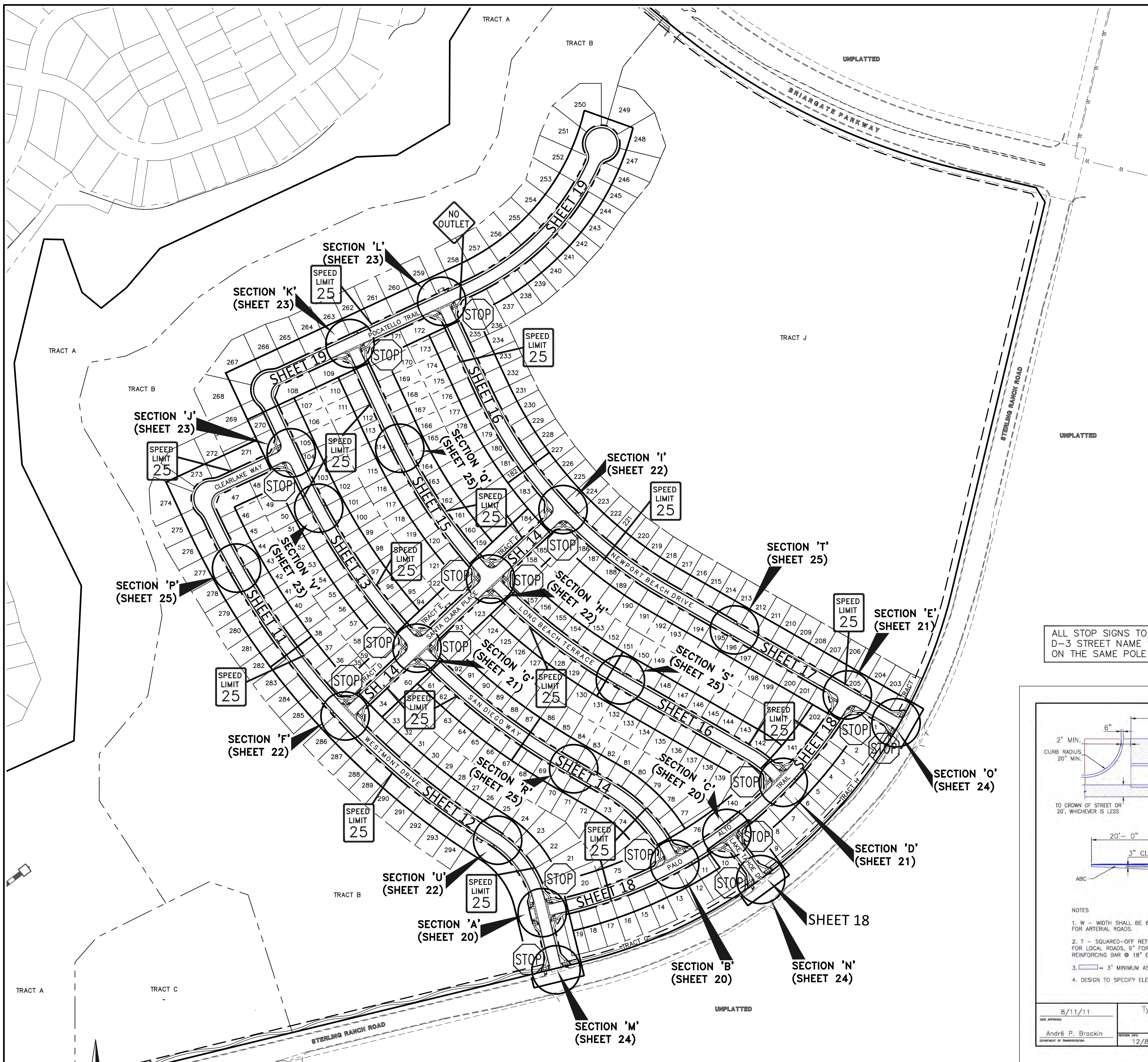
NO.	REVISION	DATE	REVIEW:

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)

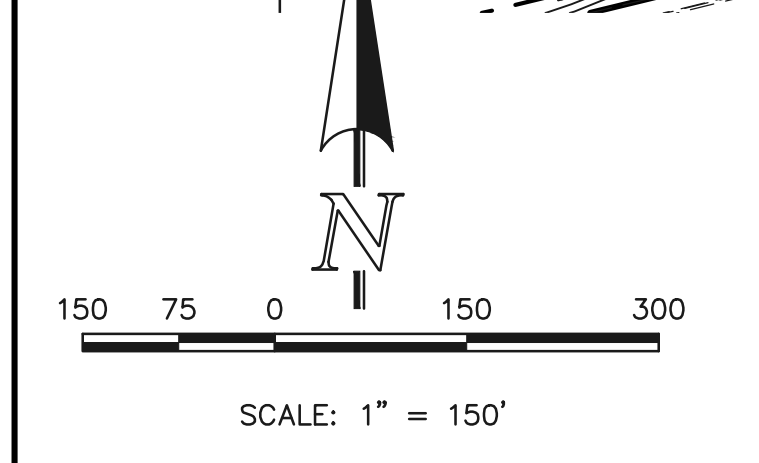
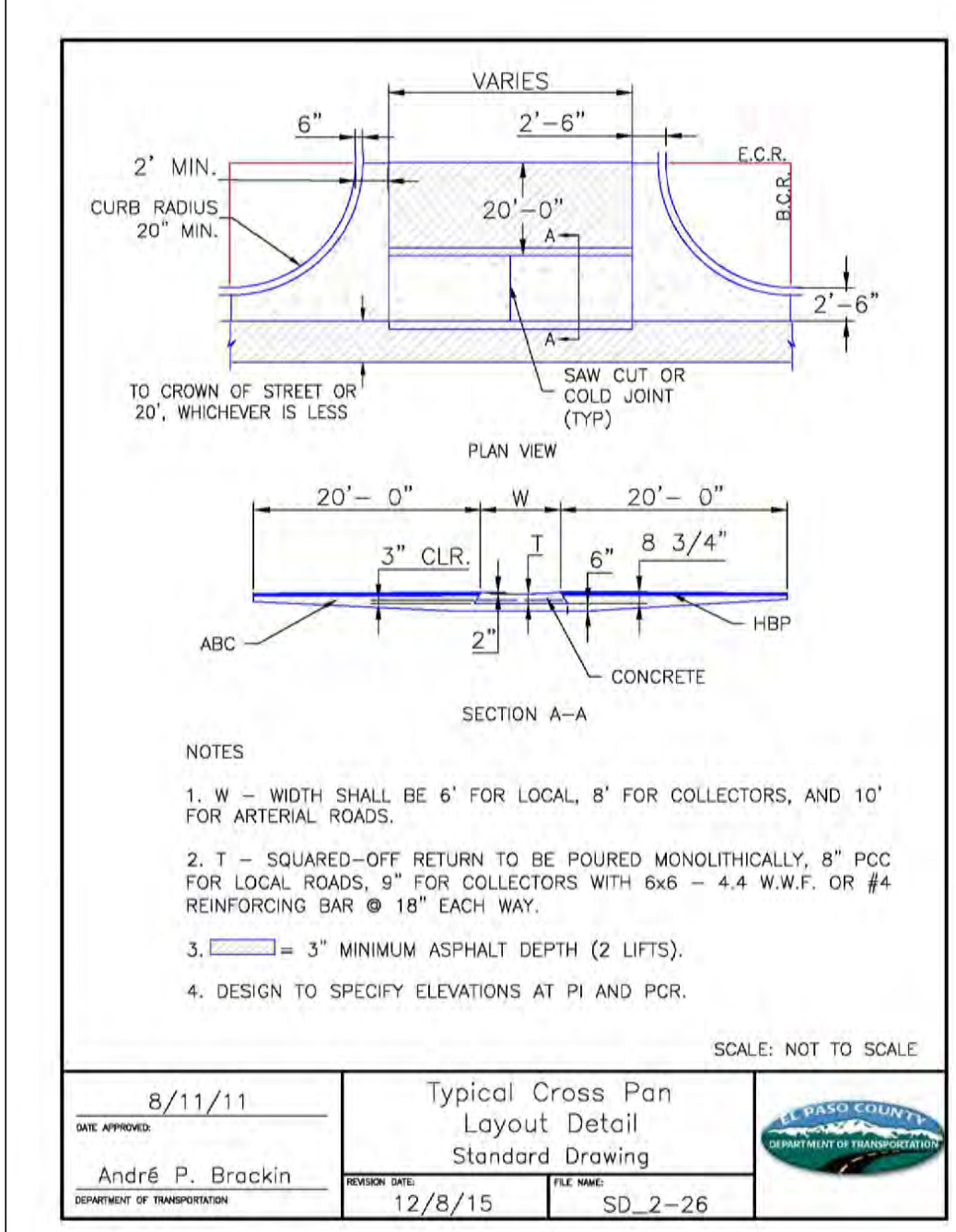
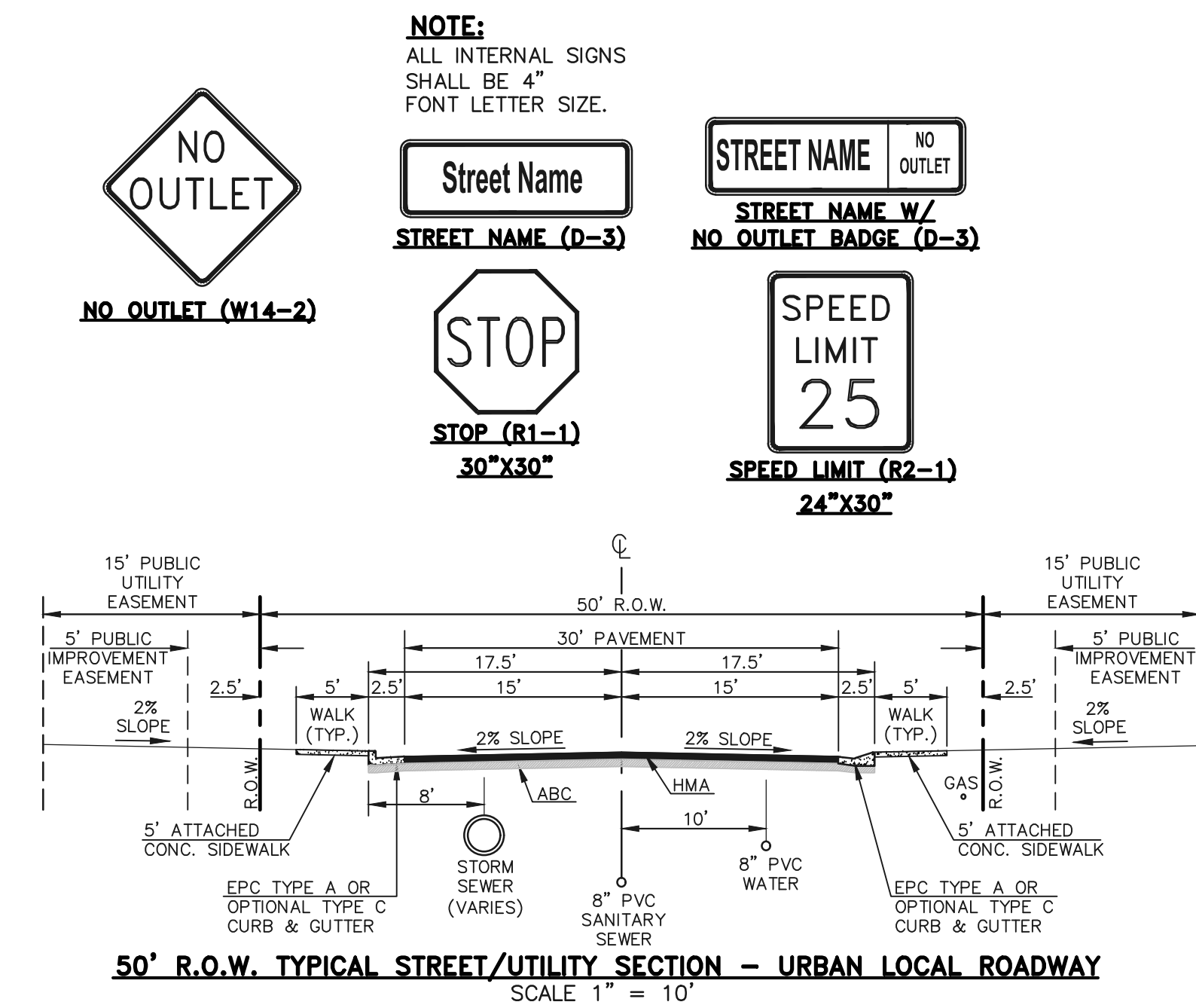
STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS GRADING AND EROSION CONTROL PLAN DETAIL SHEET

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	



ALL STOP SIGNS TO HAVE D-3 STREET NAME SIGNS ON THE SAME POLE

CURB AND GUTTER DETAILS



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CLASSIC CONSULTING

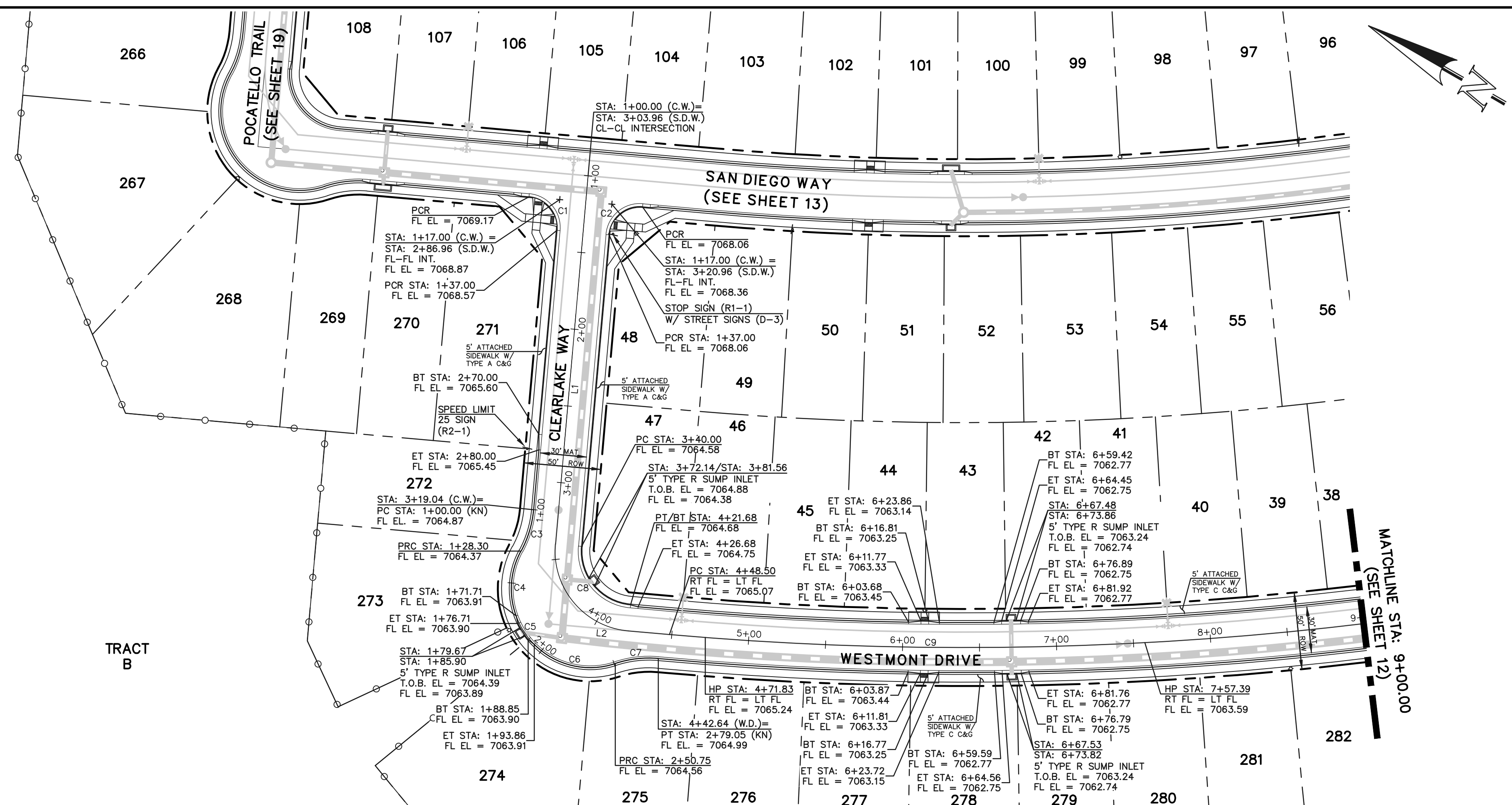
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
KEY MAP WITH TYPICAL STREET SECTIONS

DESIGNED BY: MES
DRAWN BY: MES
CHECKED BY: MES

SCALE: (H) 1" = N/A
(V) 1" = N/A

DATE: 08/31/22
SHEET 10 OF 53
JOB NO. 1183.30

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



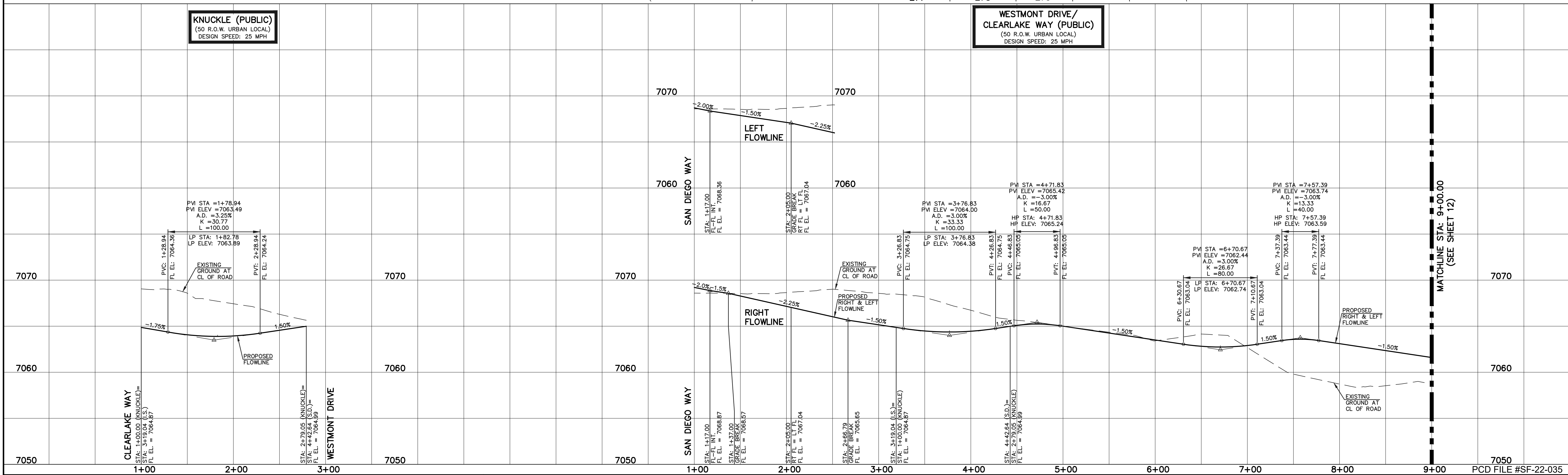
LINE #	LENGTH	DIRECTION
L1	292.00	S65°02'48"W
L2	78.82	S24°57'12"E

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

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"

KNUCKLE (PUBLIC)
(50 R.O.W. URBAN LOCAL)
DESIGN SPEED: 25 MPH

**WESTMONT DRIVE/
CLEARLAKE WAY (PUBLIC)**
(50 R.O.W. URBAN LOCAL)
DESIGN SPEED: 25 MPH



LEGEND

- BOUNDARY LINE
- ROW LINE
- LOT LINE
- CURB & GUTTER
- PED RAMP
- LIGHT POLE
- SIGN
- TYPE R INLET

STREET ABBREVIATION INDEX

- WESTMONT DRIVE
- CLEARLAKE WAY
- LAKE TAHOE DRIVE
- LONG BEACH TERRACE
- NEWPORT BEACH DRIVE
- PALO ALTO TRAIL
- POCATELLO TRAIL
- SAN DIEGO WAY
- SANTA CLARA PLACE
- STERLING RANCH ROAD

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

DATE

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

50 25 0 50 100

CLASSIC CONSULTING

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

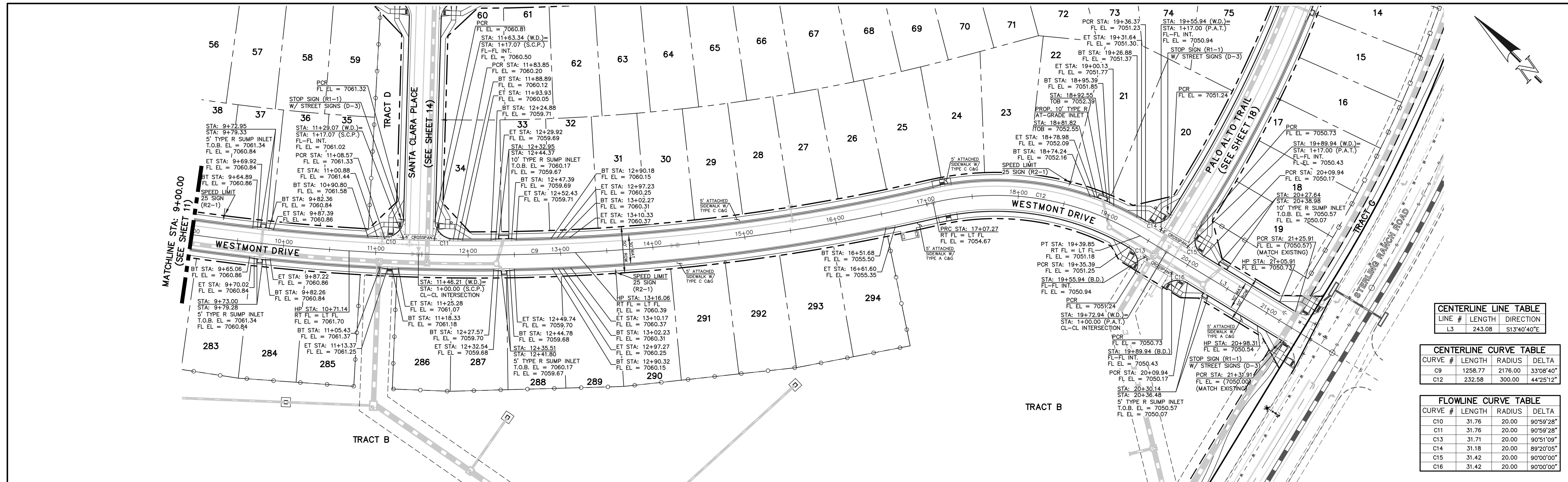
DRAWN BY MES (H) 1" = 50' SHEET 11 OF 53

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

PCD FILE #SF-22-035

9+00

MATCHLINE STA: 9+00.00 (SEE SHEET 12)



CENTERLINE LINE TABLE		
LINE #	LENGTH	DIRECTION
L3	243.08	S13°40'40"E

CENTERLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C9	1258.77	2176.00	33°08'40"
C12	232.58	300.00	44°25'12"

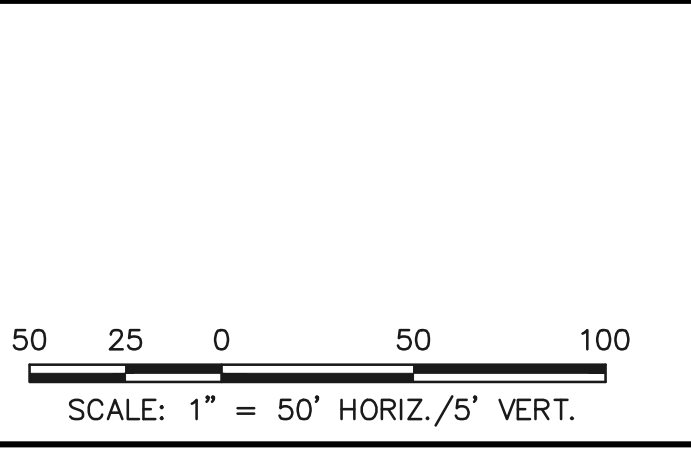
FLOWLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C10	31.76	20.00	90°59'28"
C11	31.76	20.00	90°59'28"
C13	31.71	20.00	90°51'09"
C14	31.18	20.00	89°20'05"
C15	31.42	20.00	90°00'00"
C16	31.42	20.00	90°00'00"

WESTMONT DRIVE (PUBLIC)
 (50 R.O.W. URBAN LOCAL)
 DESIGN SPEED: 25 MPH



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.
STERLING RANCH ROAD	S.R.R.

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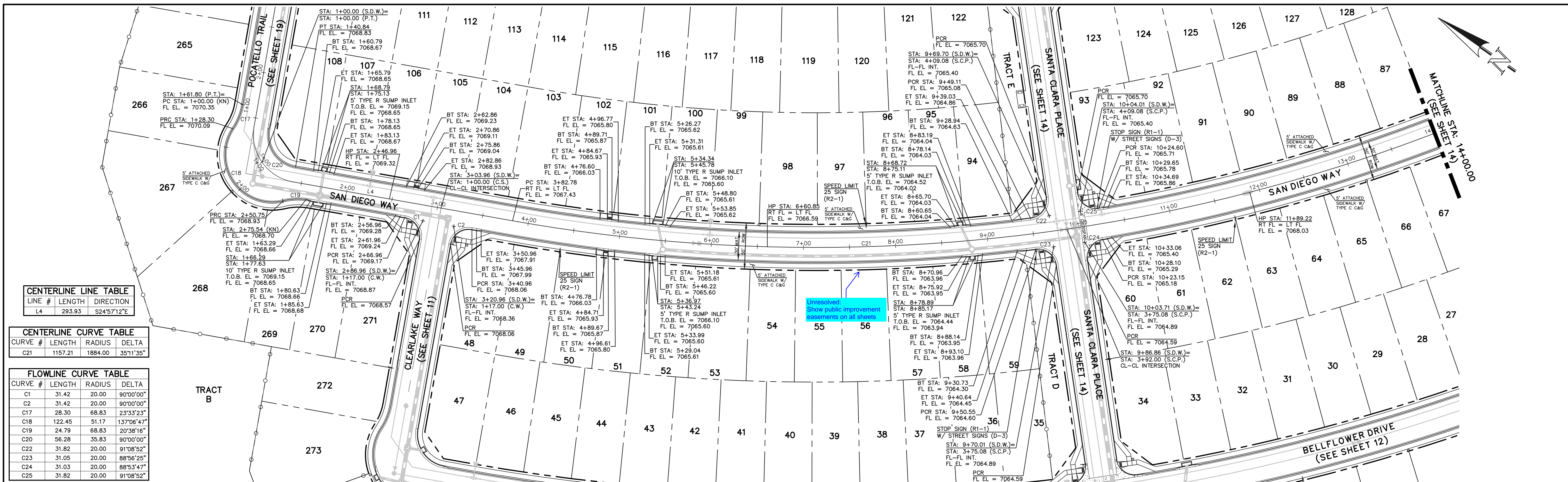
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



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	





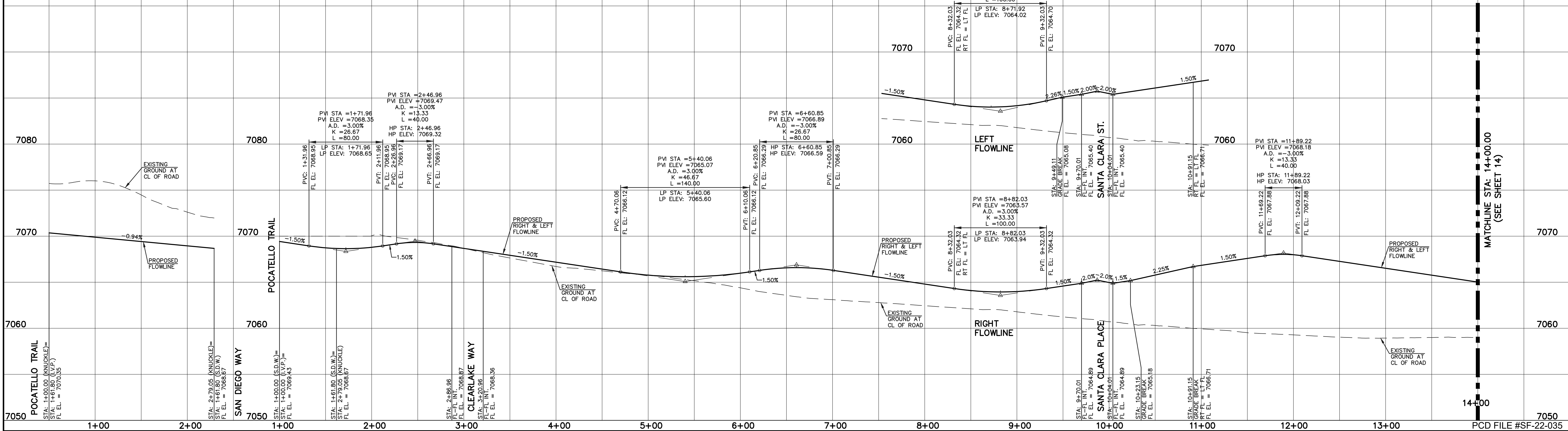
CENTERLINE TABLE		
LINE #	LENGTH	DIRECTION
L4	293.93	S24°57'12"E

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"

KNUCKLE (PUBLIC)
(50 R.O.W. URBAN LOCAL)
DESIGN SPEED: 25 MPH

SAN DIEGO WAY (PUBLIC)
(50 R.O.W. URBAN LOCAL)
DESIGN SPEED: 25 MPH



LEGEND

- BOUNDARY LINE
- ROW LINE
- LOT LINE
- CURB & GUTTER
- PED RAMP
- LIGHT POLE
- SIGN
- TYPE R INLET

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

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.
STERLING RANCH ROAD	S.R.R.

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NO.	REVISION	DATE

REVIEW:

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



STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
SAN DIEGO WAY STA: 1+00-14+00/KNUCKLE

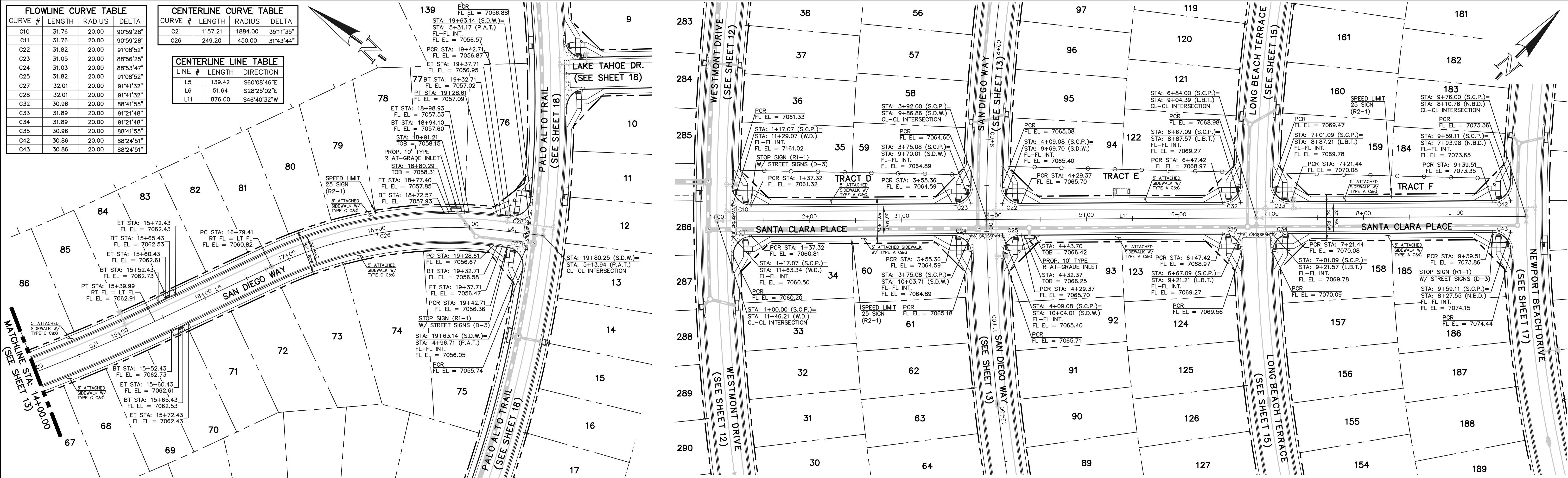
DESIGNED BY	MES	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	13 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	

N:\118330\DRAWINGS\CONSTRUCT\CDM\STERLINGR13-118330-9-04.dwg, 3/31/2023 2:33:56 PM, 1:1

FLOWLINE CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C10	31.76	20.00	90°59'28"	
C11	31.76	20.00	90°59'28"	
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"	
C27	32.01	20.00	91°41'32"	
C28	32.01	20.00	91°41'32"	
C32	30.96	20.00	88°41'55"	
C33	31.89	20.00	91°21'48"	
C34	31.89	20.00	91°21'48"	
C35	30.96	20.00	88°41'55"	
C42	30.86	20.00	88°24'51"	
C43	30.86	20.00	88°24'51"	

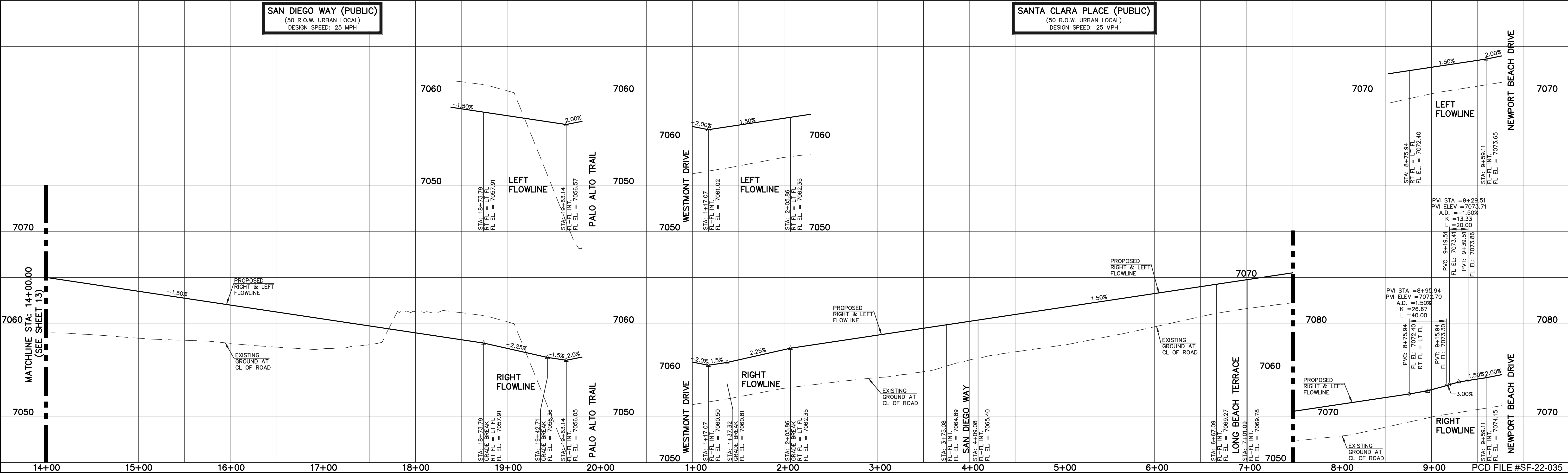
CENTERLINE CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C21	1157.21	1884.00	35°11'35"	
C26	249.20	450.00	31°43'44"	

CENTERLINE LINE TABLE			
LINE #	LENGTH	DIRECTION	
L5	139.42	S60°08'46"E	
L6	51.64	S28°25'02"E	
L11	876.00	S46°40'32"W	



SAN DIEGO WAY (PUBLIC)
 (50 R.O.W. URBAN LOCAL)
 DESIGN SPEED: 25 MPH

SANTA CLARA PLACE (PUBLIC)
 (50 R.O.W. URBAN LOCAL)
 DESIGN SPEED: 25 MPH



LEGEND

- BOUNDARY LINE
- ROW LINE
- LOT LINE
- CURB & GUTTER
- PED RAMP
- LIGHT POLE
- SIGN
- TYPE R INLET

STREET ABBREVIATION INDEX

- WESTMONT DRIVE
- CLEARLAKE WAY
- LAKE TAHOE DRIVE
- LONG BEACH TERRACE
- NEWPORT BEACH DRIVE
- PALO ALTO TRAIL
- POCATELLO TRAIL
- SAN DIEGO WAY
- SANTA CLARA PLACE
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DATE

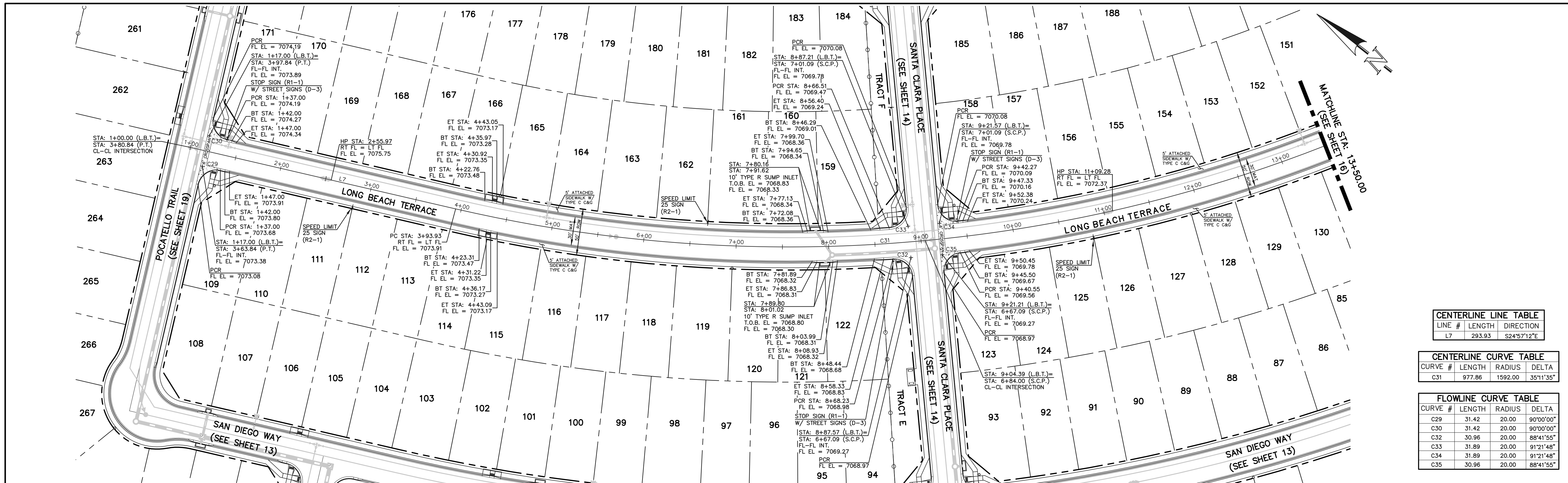
519 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719) 785-0790
(719) 785-0799 (fax)

CLASSIC CONSULTING

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
SAN DIEGO WAY STA: 14+00-END/SANTA CLARA PL

DESIGNED BY MES SCALE DATE 08/31/22
DRAWN BY MES (H) 1" = 50' SHEET 14 OF 53
CHECKED BY (V) 1" = 5' JOB NO. 1183.30

N:\118330\DRAWINGS\CONSTRUCTION\DWG\STERLING14-118330-9-05.dwg, 3/31/2023 2:35:40 PM, 1:1

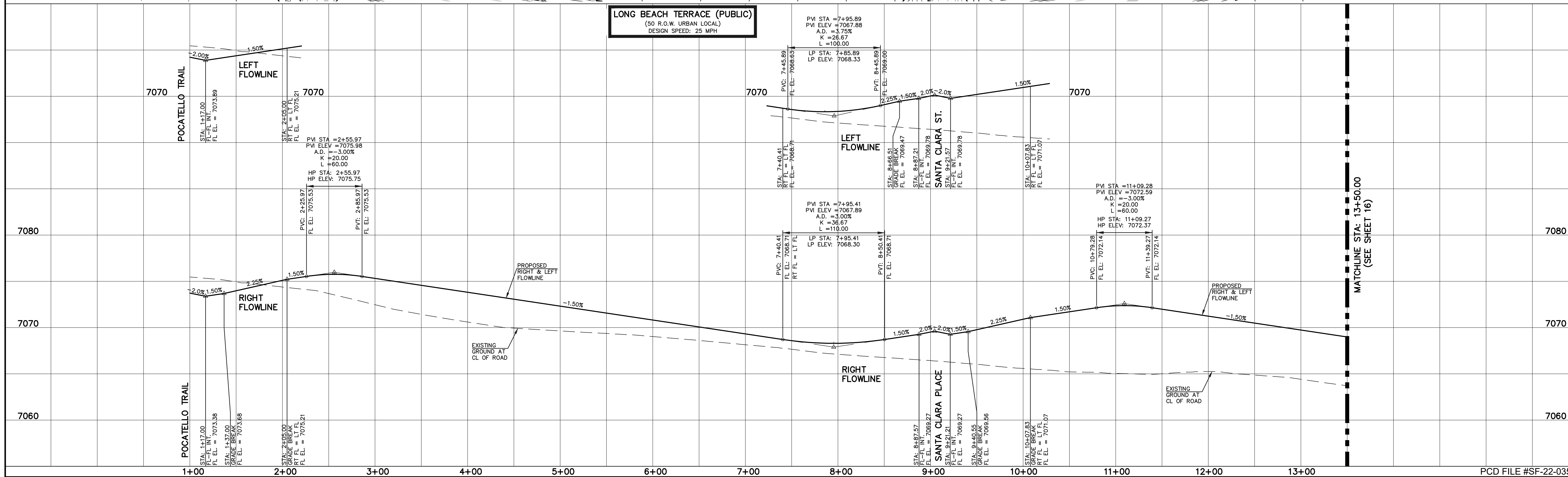


CENTERLINE LINE TABLE		
LINE #	LENGTH	DIRECTION
L7	293.93	S24°57'12"E

CENTERLINE CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C31	977.86	1592.00	35°11'35"	

FLOWLINE CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C29	31.42	20.00	90°00'00"	
C30	31.42	20.00	90°00'00"	
C32	30.96	20.00	88°41'55"	
C33	31.89	20.00	91°21'48"	
C34	31.89	20.00	91°21'48"	
C35	30.96	20.00	88°41'55"	

LONG BEACH TERRACE (PUBLIC)
 (50 R.O.W. URBAN LOCAL)
 DESIGN SPEED: 25 MPH



LEGEND

- BOUNDARY LINE
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- CURB & GUTTER
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- TYPE R INLET

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

STREET ABBREVIATION INDEX

WESTMONT DRIVE	W.D.
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LAKE TAHOE DRIVE	L.T.D.
LONG BEACH TERRACE	L.B.T.
NEWPORT BEACH DRIVE	N.B.D.
PALO ALTO TRAIL	P.A.T.
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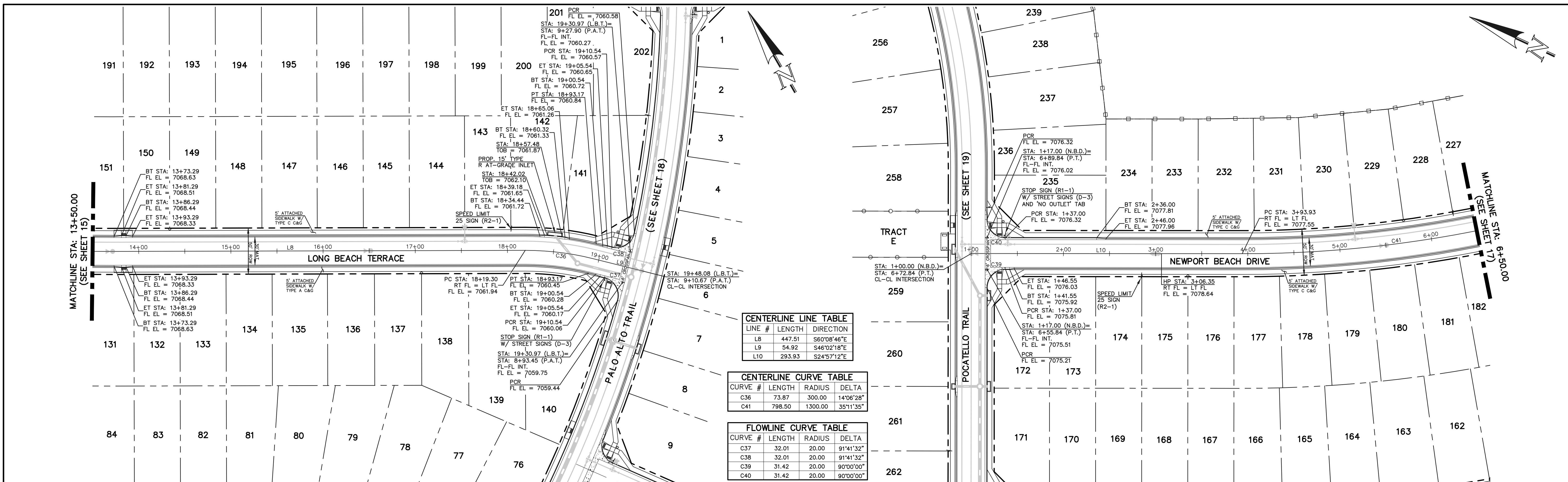
KYLE R. CAMPBELL, COLORADO P.E. #29794



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

DESIGNED BY: MES SCALE: DATE: 08/31/22
 DRAWN BY: MES (H) 1"= 50' SHEET 15 OF 53
 CHECKED BY: (V) 1"= 5' JOB NO. 1183.30

CLASSIC CONSULTING



CENTERLINE LINE TABLE

LINE #	LENGTH	DIRECTION
L8	447.51	S60°08'46"E
L9	54.92	S46°02'18"E
L10	293.93	S24°57'12"E

CENTERLINE CURVE TABLE

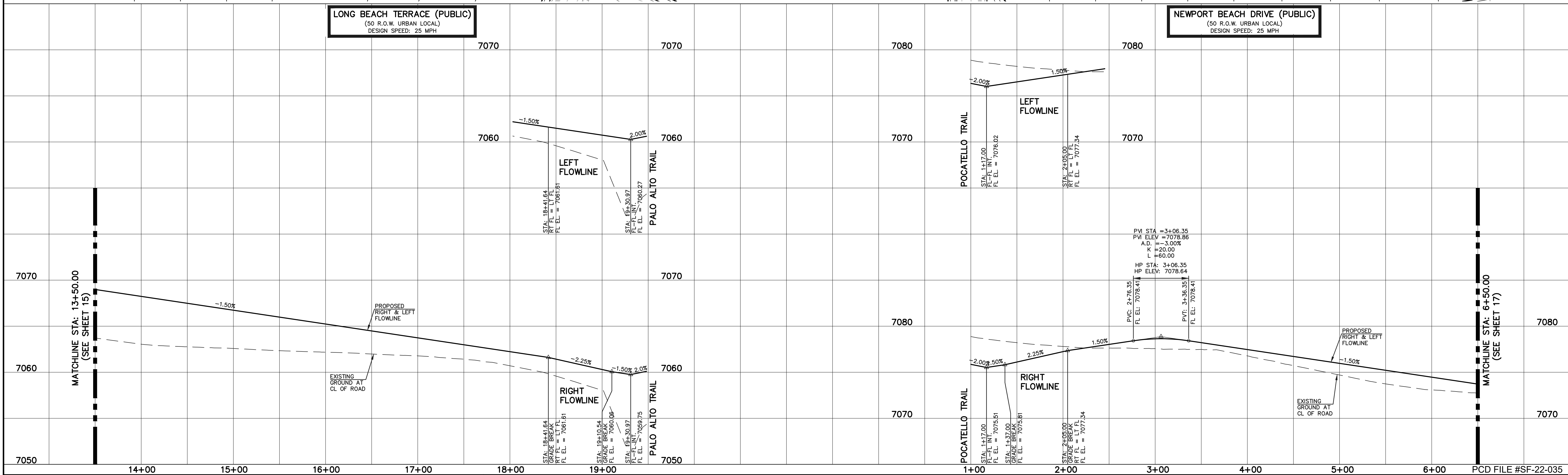
CURVE #	LENGTH	RADIUS	DELTA
C36	73.87	300.00	14°06'28"
C41	798.50	1300.00	35°11'35"

FLOWLINE CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C37	32.01	20.00	91°41'32"
C38	32.01	20.00	91°41'32"
C39	31.42	20.00	90°00'00"
C40	31.42	20.00	90°00'00"

LONG BEACH TERRACE (PUBLIC)
 (50 R.O.W. URBAN LOCAL)
 DESIGN SPEED: 25 MPH

NEWPORT BEACH DRIVE (PUBLIC)
 (50 R.O.W. URBAN LOCAL)
 DESIGN SPEED: 25 MPH



LEGEND

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- TYPE R INLET

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

STREET ABBREVIATION INDEX

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

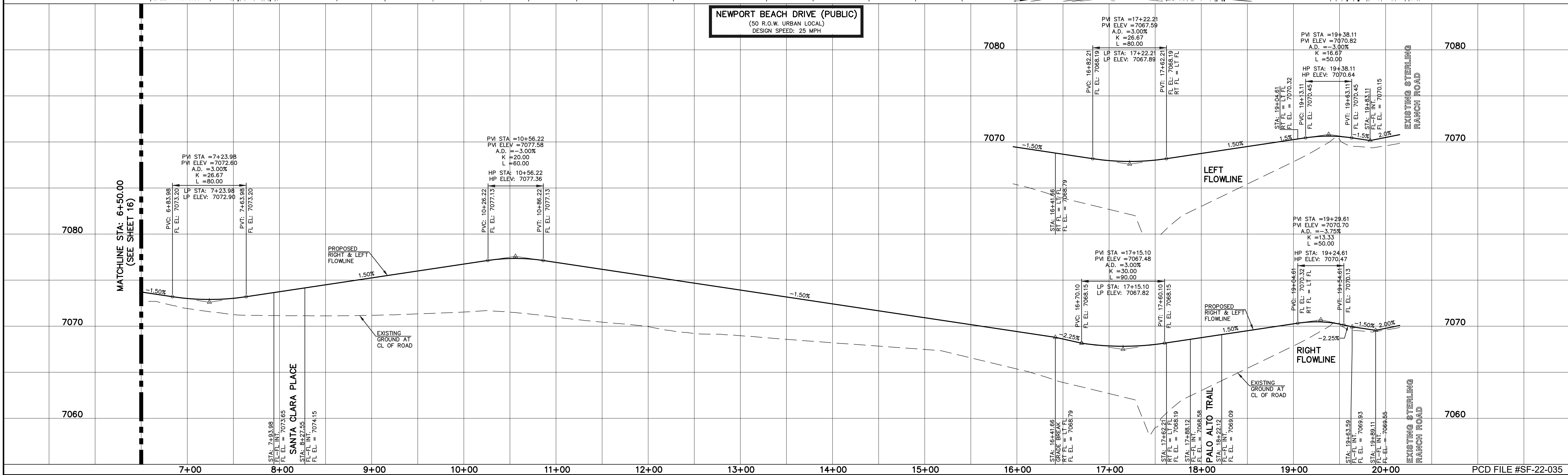
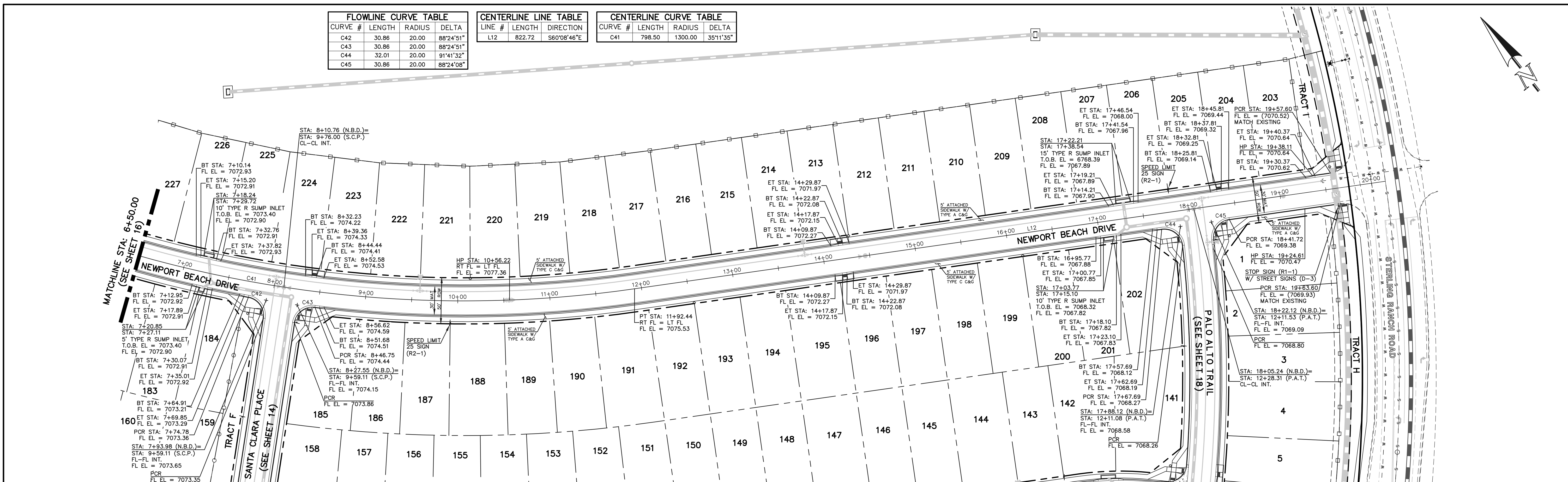
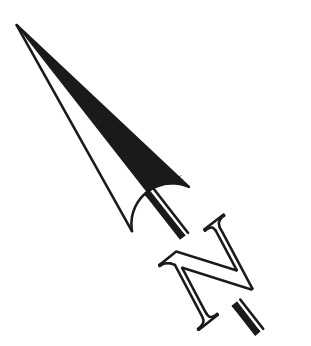
(719) 785-0790
 (719) 785-0799 (fax)

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

DESIGNED BY: MES SCALE: DATE: 08/31/22
 DRAWN BY: MES (H) 1" = 50' SHEET 16 OF 53
 CHECKED BY: (V) 1" = 5' JOB NO. 1183.30

N:\118330\DRAWINGS\CONSTRUCT\CDRAW\STREET\16-118330-9-07.dwg, 3/31/2023 2:38:25 PM, 1:1

FLOWLINE CURVE TABLE				CENTERLINE LINE TABLE			CENTERLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA	LINE #	LENGTH	DIRECTION	CURVE #	LENGTH	RADIUS	DELTA
C42	30.86	20.00	88°24'51"	L12	822.72	S60°08'46"E	C41	798.50	1300.00	35°11'35"
C43	30.86	20.00	88°24'51"							
C44	32.01	20.00	91°41'32"							
C45	30.86	20.00	88°24'08"							



LEGEND

- BOUNDARY LINE
- ROW LINE
- LOT LINE
- CURB & GUTTER
- PED RAMP
- LIGHT POLE
- SIGN
- TYPE R INLET

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

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.
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

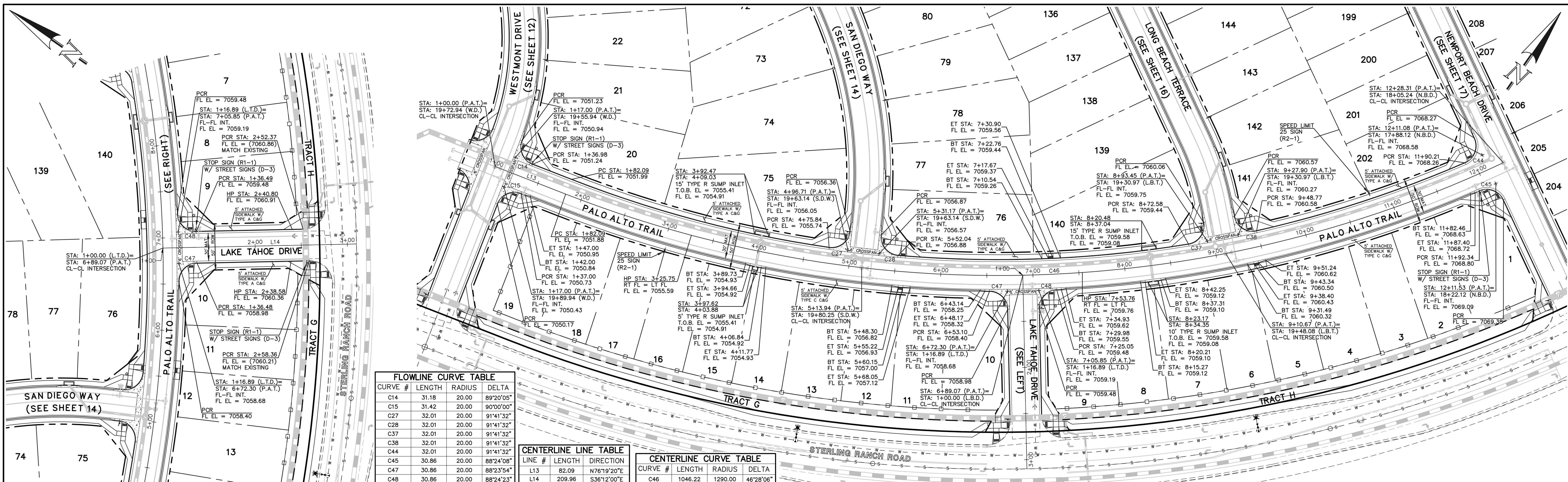
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
NEWPORT BEACH DRIVE STA: 6+50 - END

DESIGNED BY MES SCALE DATE 08/31/22
DRAWN BY MES (H) 1" = 50' SHEET 17 OF 53
CHECKED BY (V) 1" = 5' JOB NO. 1183.30

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FLOWLINE CURVE TABLE

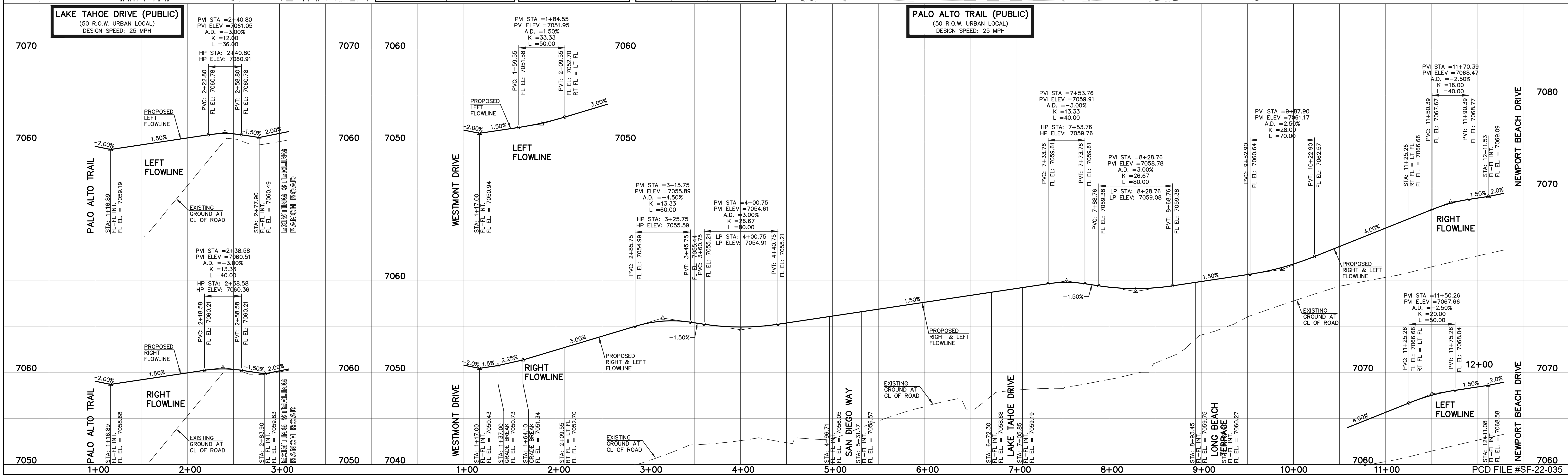
CURVE #	LENGTH	RADIUS	DELTA
C14	31.18	20.00	89°20'05"
C15	31.42	20.00	90°00'00"
C27	32.01	20.00	91°41'32"
C28	32.01	20.00	91°41'32"
C37	32.01	20.00	91°41'32"
C38	32.01	20.00	91°41'32"
C44	32.01	20.00	91°41'32"
C45	30.86	20.00	88°24'08"
C47	30.86	20.00	88°23'54"
C48	30.86	20.00	88°24'23"

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

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
PUBLIC STREET IMPROVEMENT PLAN
LAKE TAHOE DRIVE/ PALO ALTO TRAIL

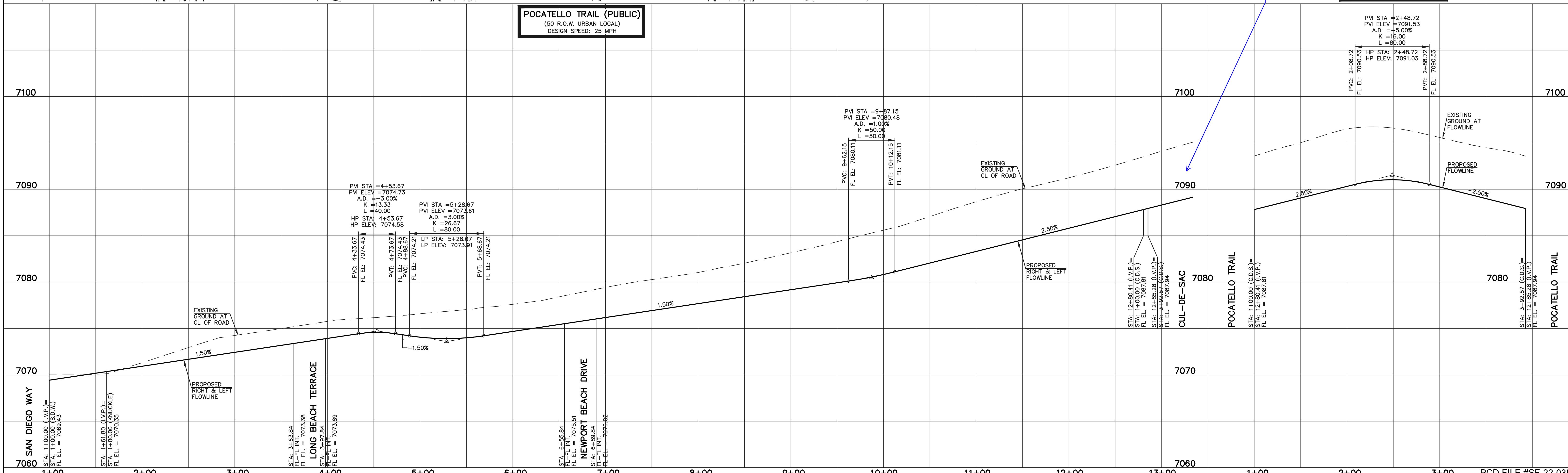
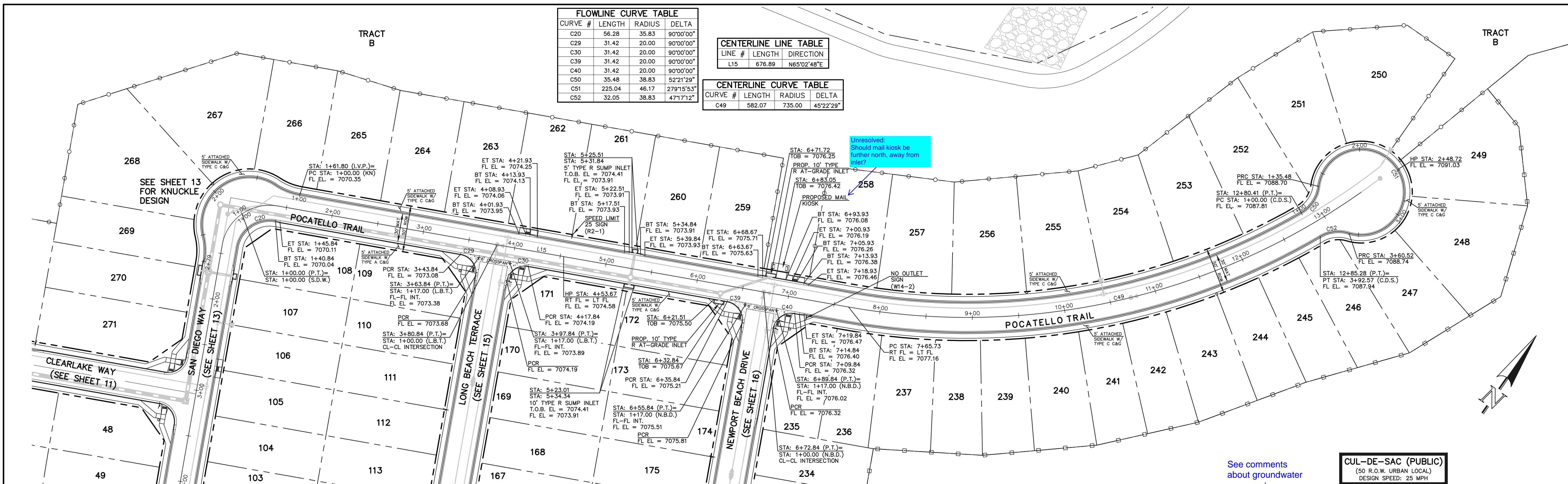
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CHECKED BY: (V) 1" = 5' JOB NO. 1183.30

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FLOWLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C20	56.28	35.83	90°00'00"
C29	31.42	20.00	90°00'00"
C30	31.42	20.00	90°00'00"
C39	31.42	20.00	90°00'00"
C40	31.42	20.00	90°00'00"
C50	35.48	38.83	52°21'29"
C51	225.04	46.17	279°15'53"
C52	32.05	38.83	47°17'12"

CENTERLINE LINE TABLE		
LINE #	LENGTH	DIRECTION
L15	676.89	N65°02'48"E

CENTERLINE CURVE TABLE			
CURVE #	LENGTH	RADIUS	DELTA
C49	582.07	735.00	45°22'29"



LEGEND

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- ROW LINE
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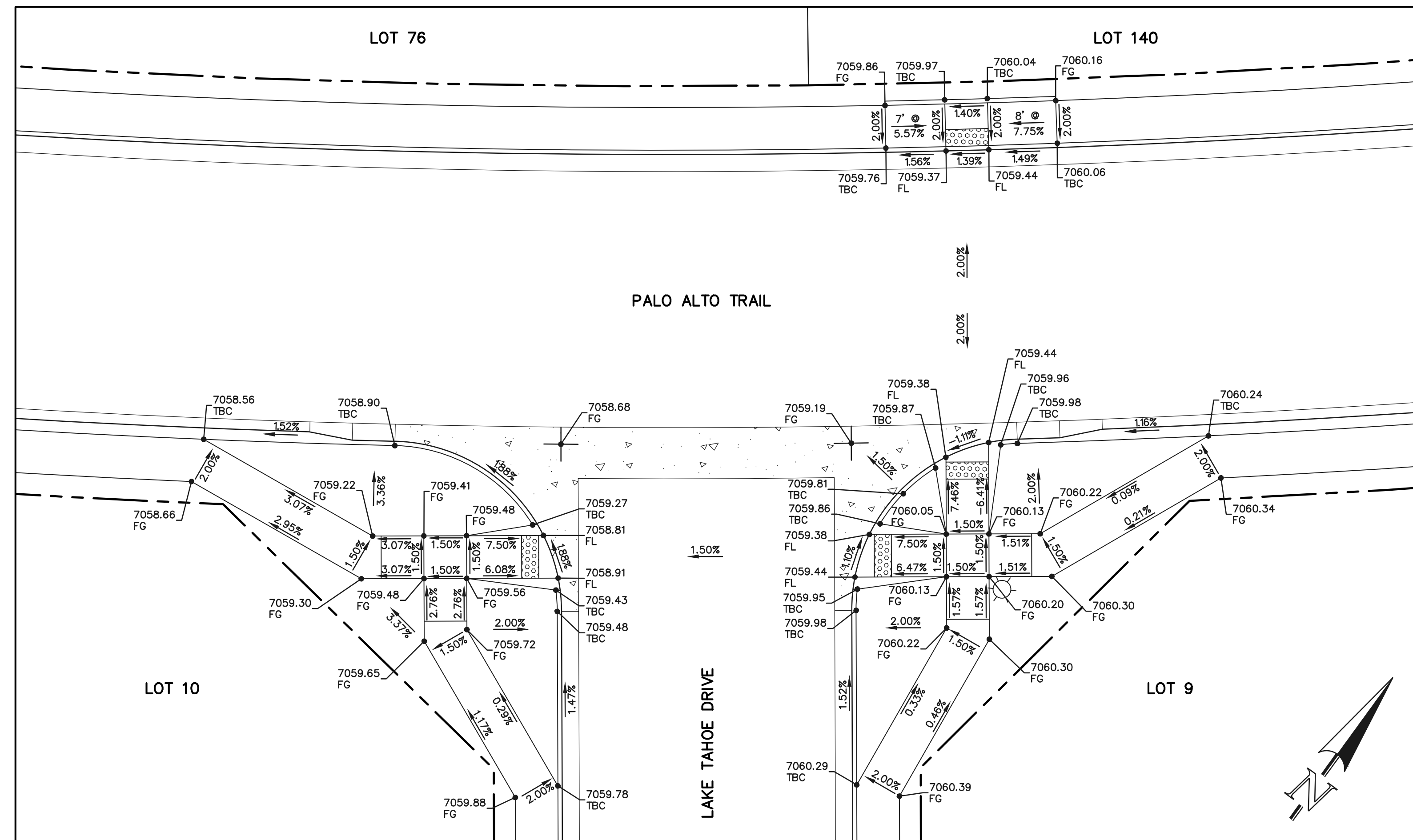
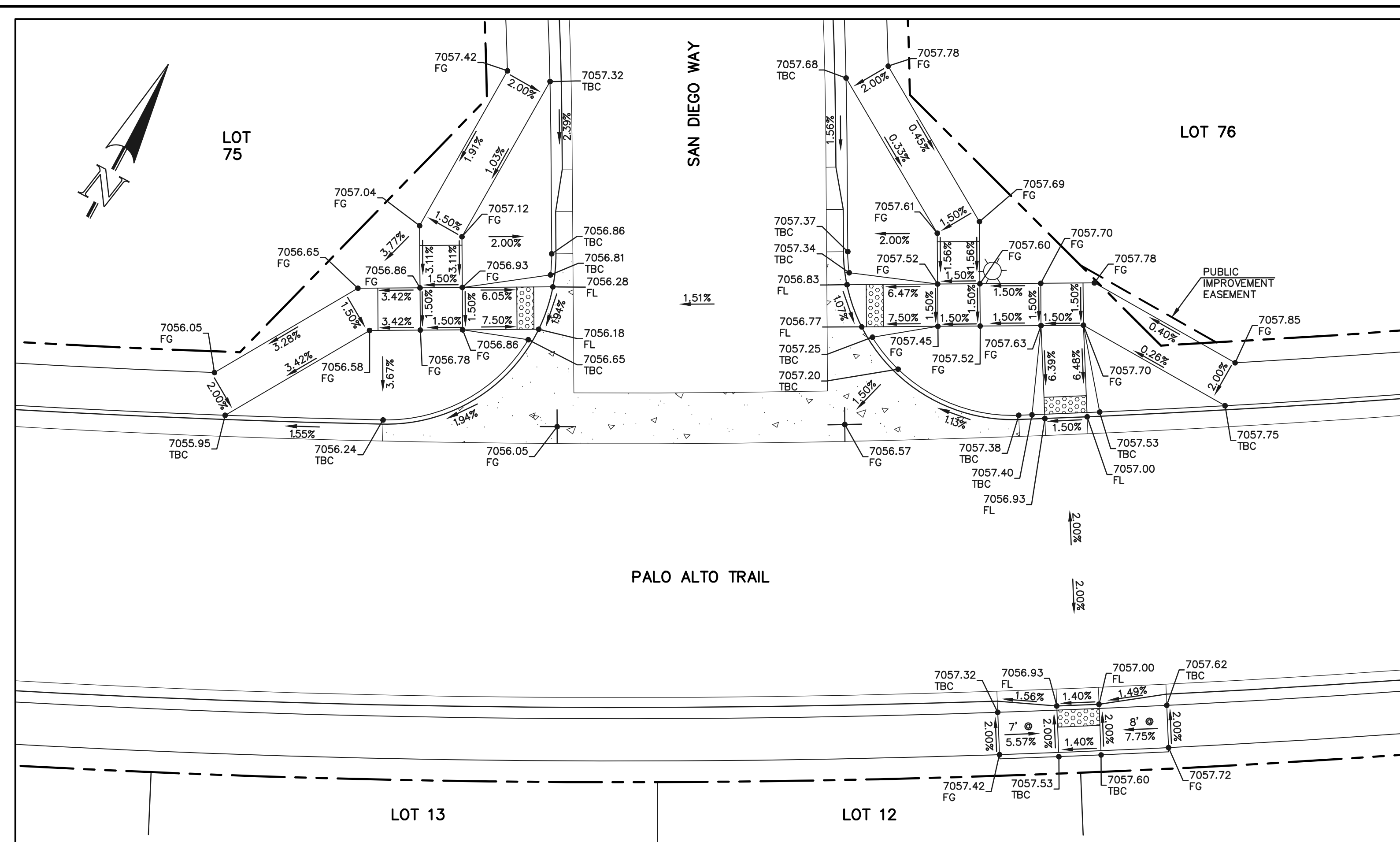
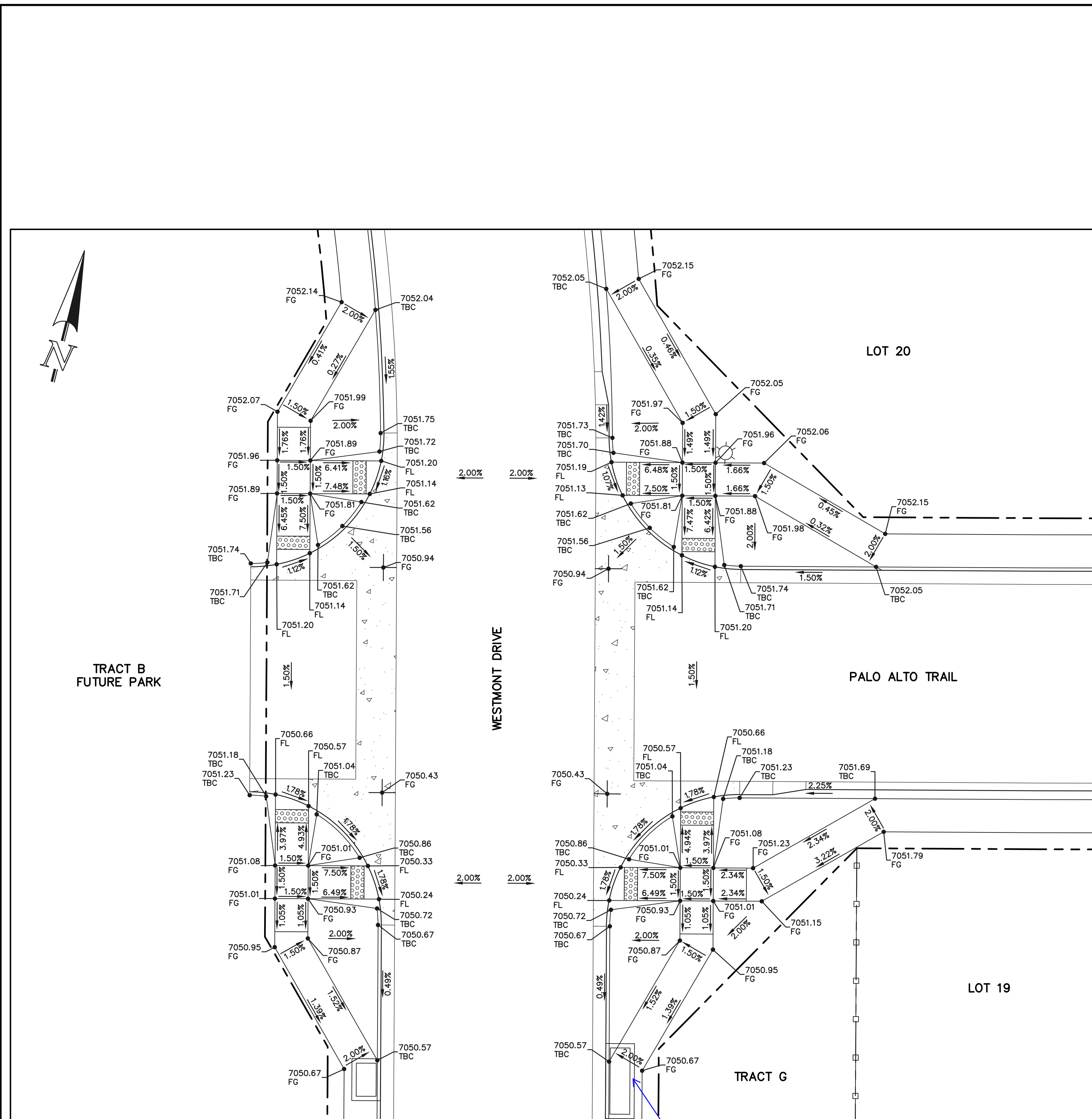
KYLE R. CAMPBELL, COLORADO P.E. #29794



STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
POCATELLO TRAIL / CUL-DE-SAC

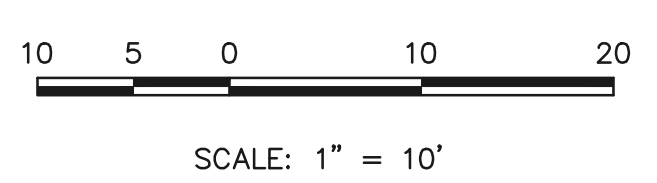
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DRAWN BY MES (H) 1" = 50' SHEET 19 OF 53
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SECTION 'A'

Unresolved:
Provide details or notes for attachment of sidewalks to inlets to meet ADA requirements



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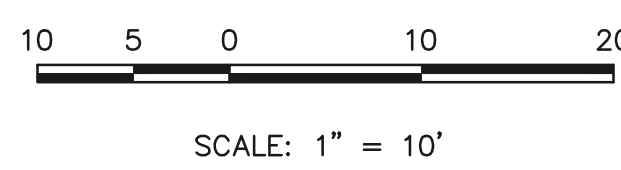
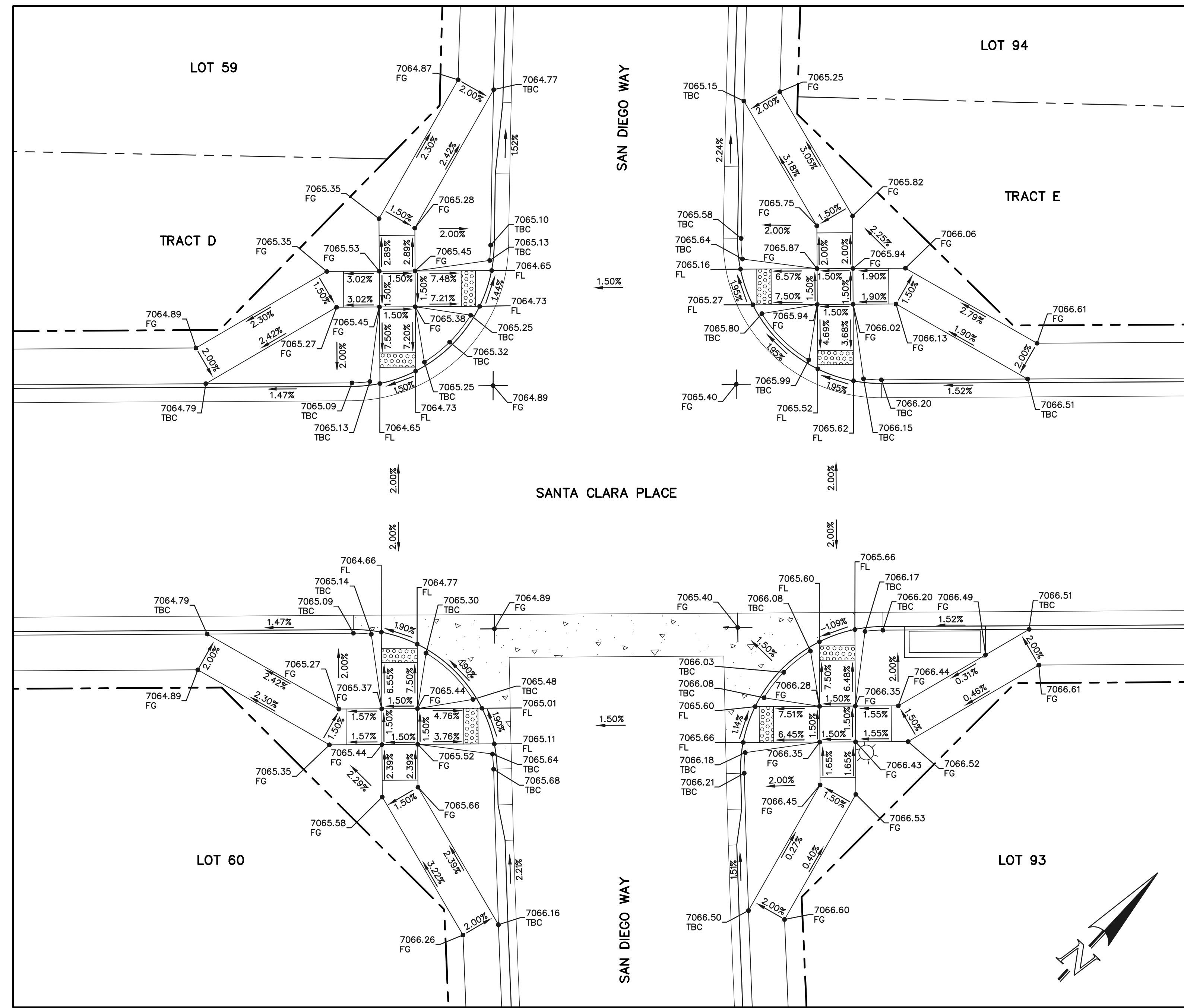
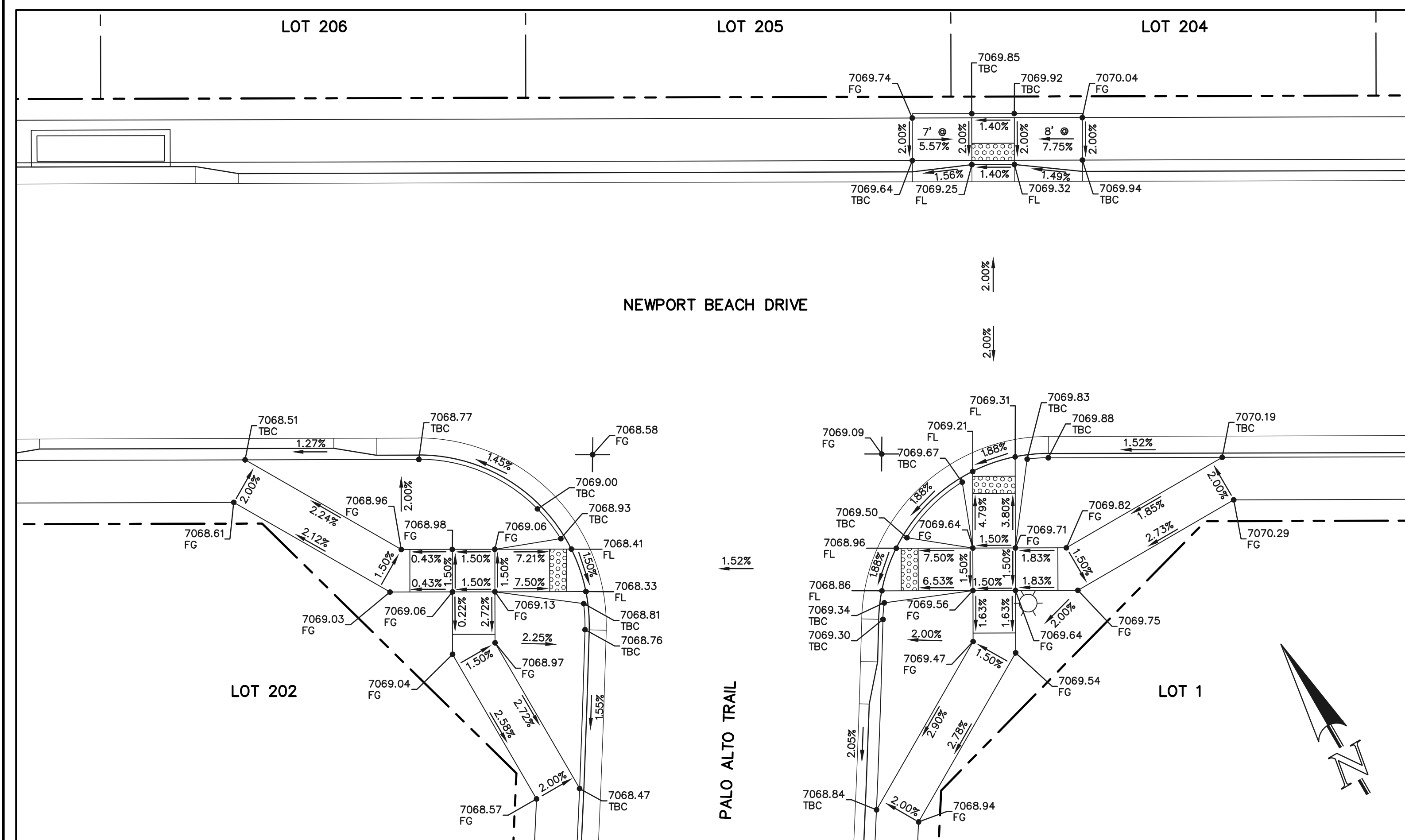
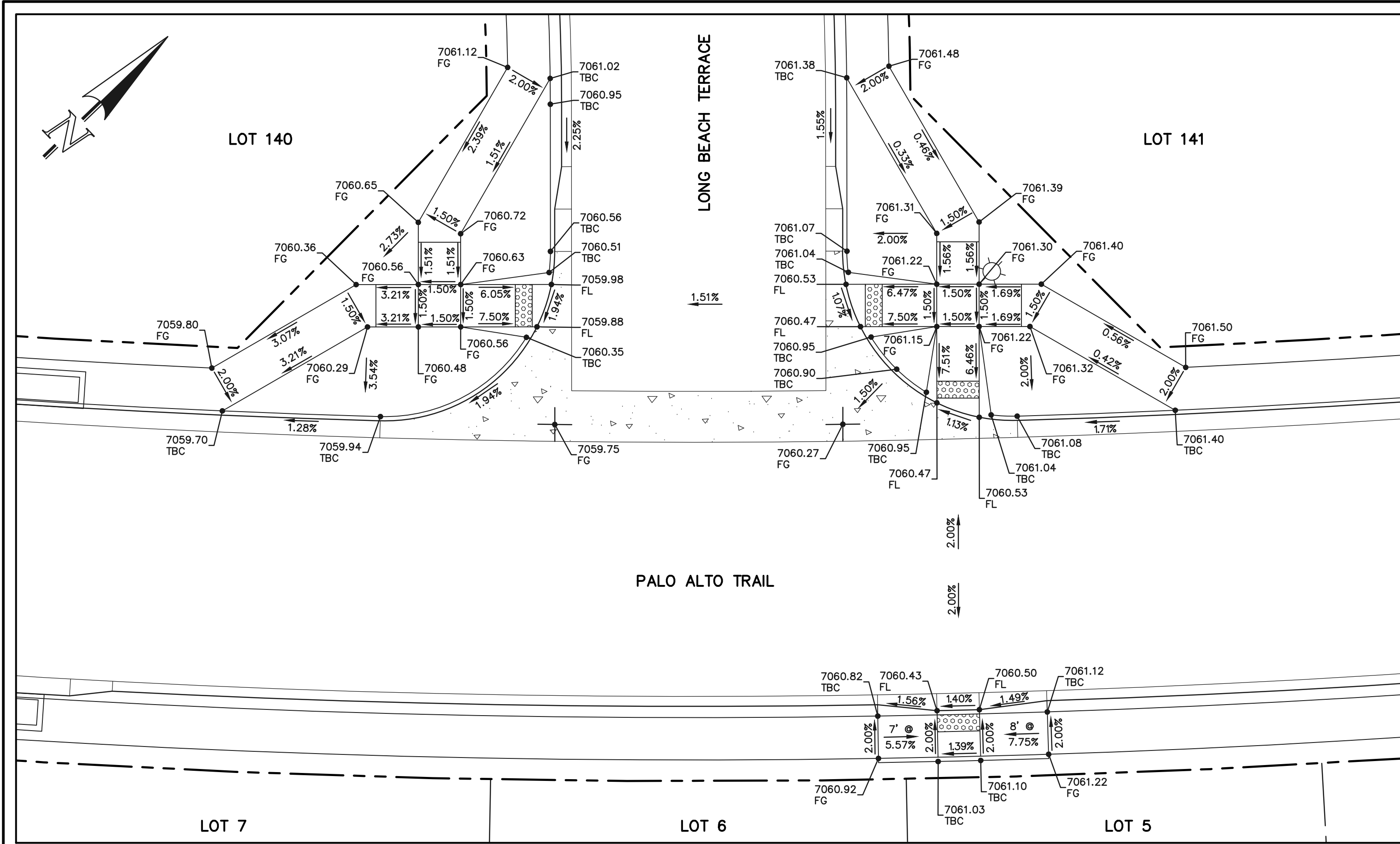


STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
PEDESTRIAN RAMP DESIGN

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

PCD FILE #SF-22-035

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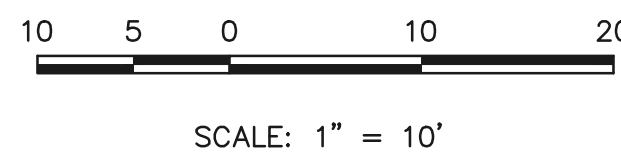
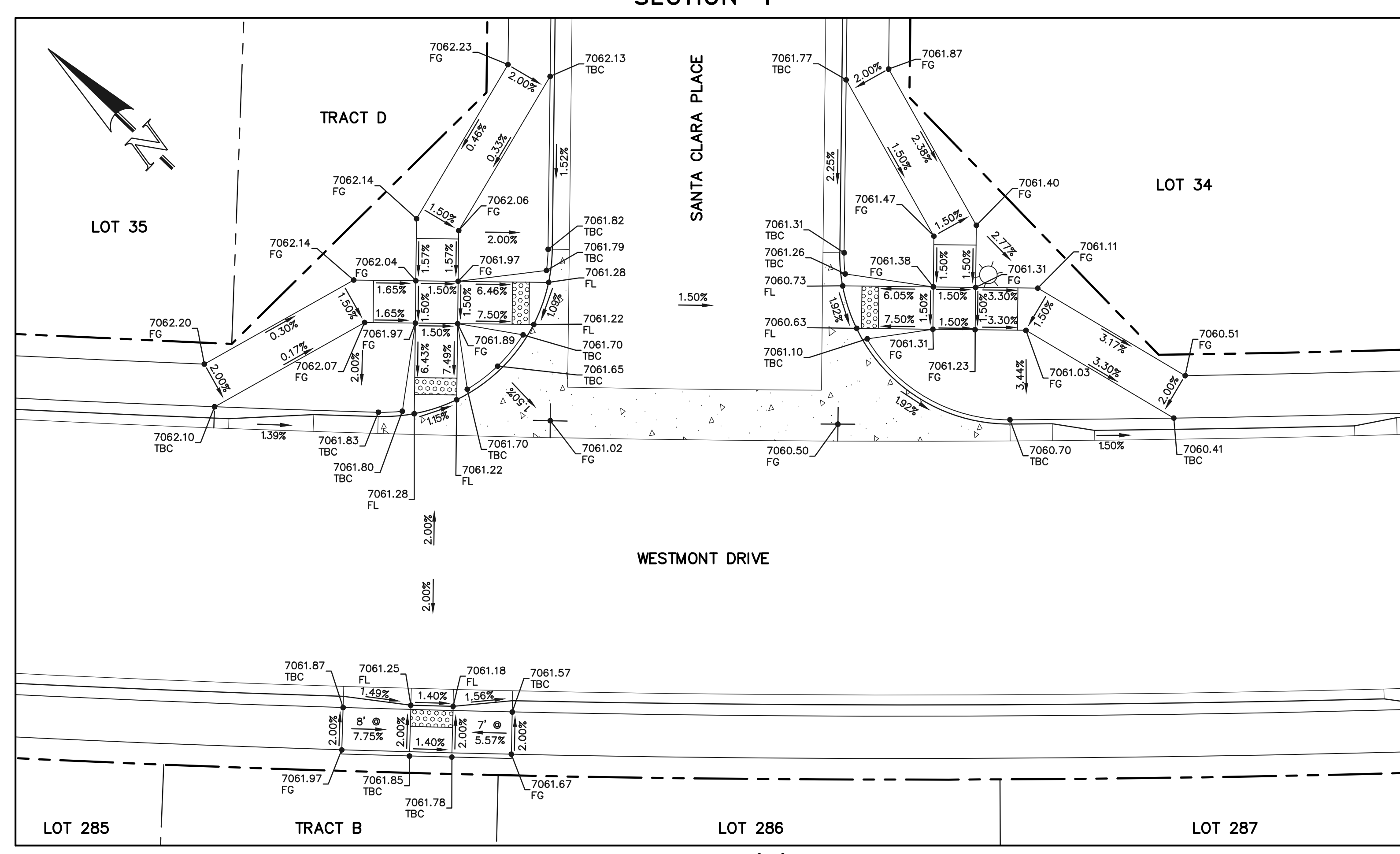
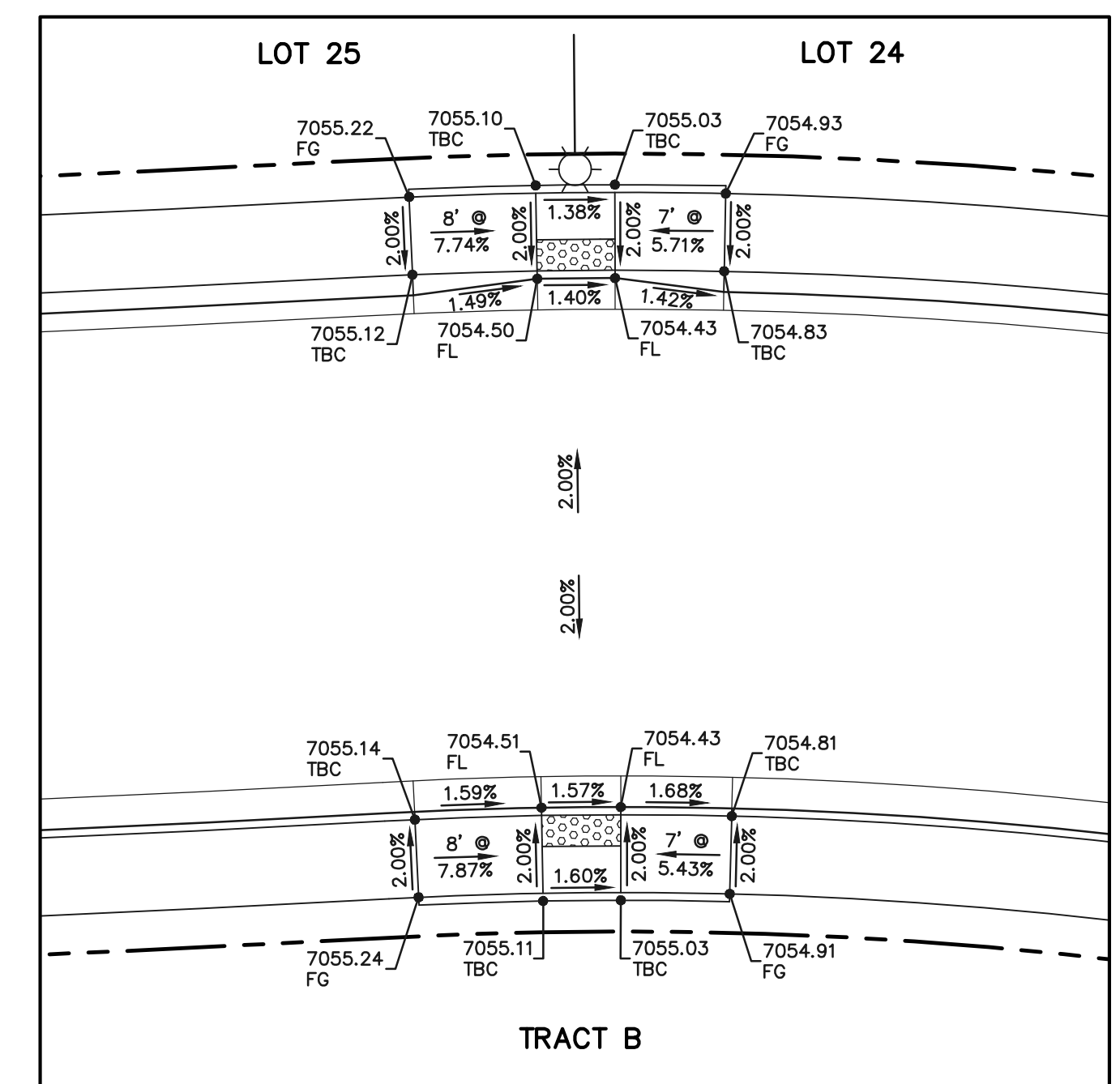
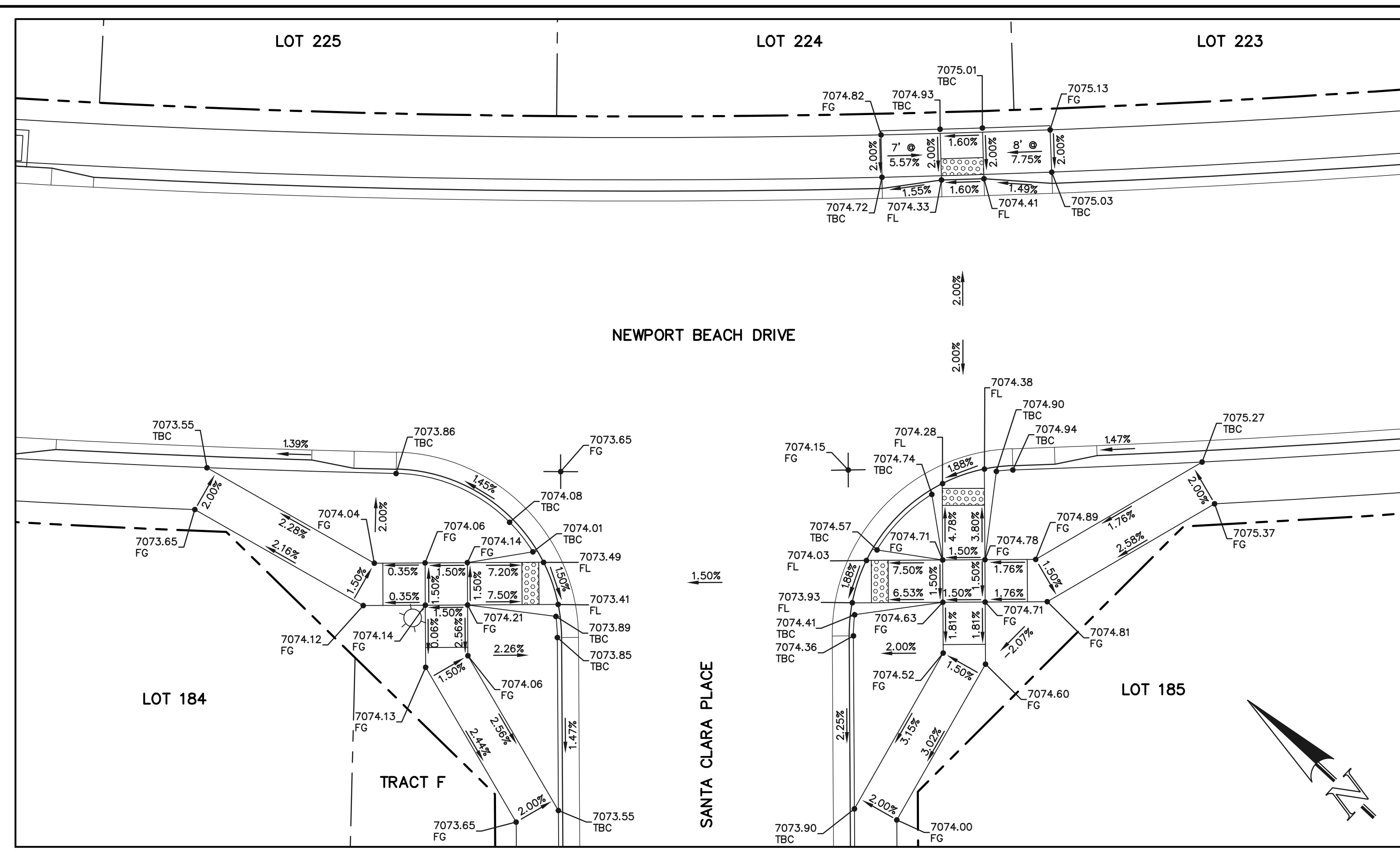
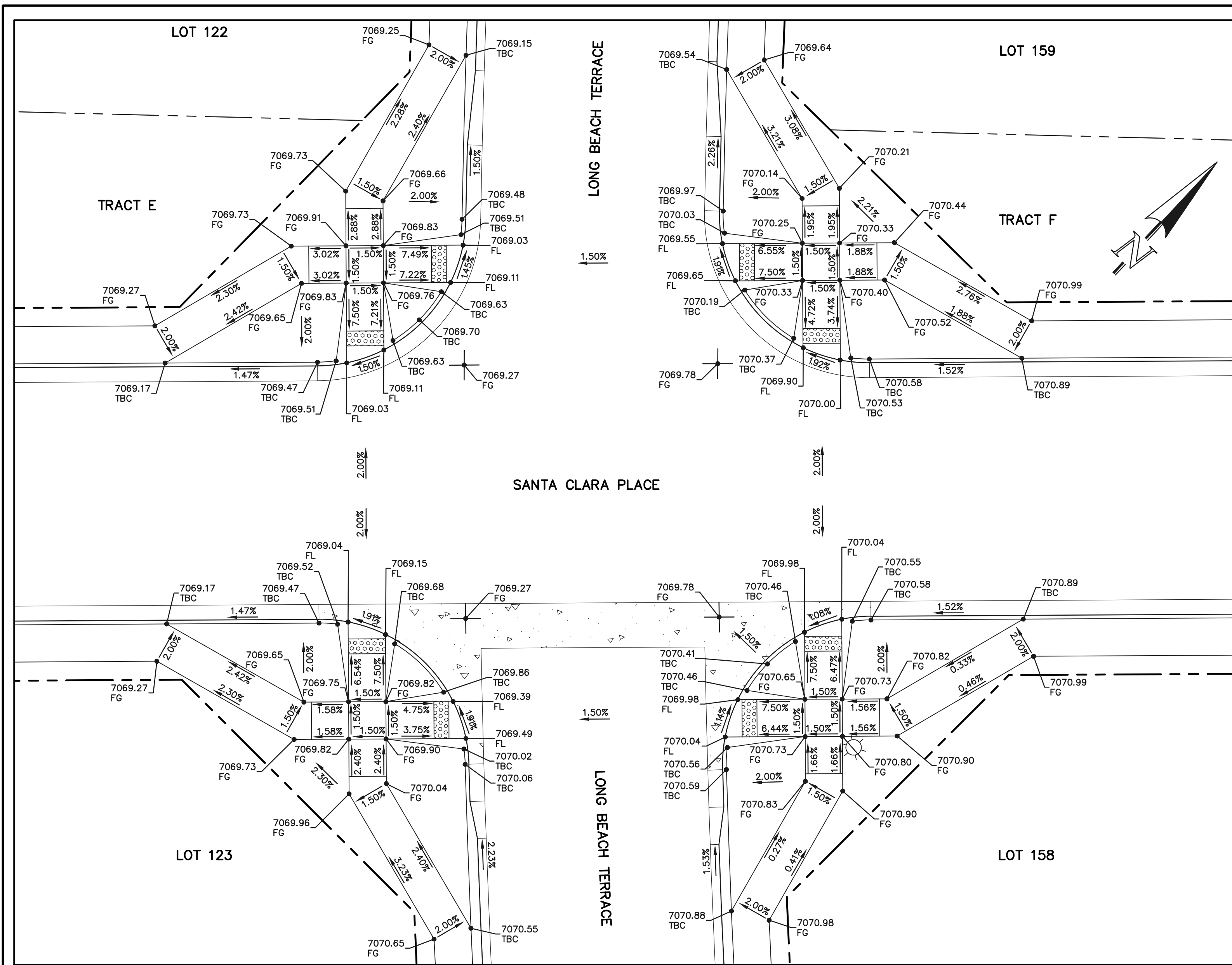
619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719) 785-0790
(719) 785-0799 (fax)

PCD FILE #SF-22-035

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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

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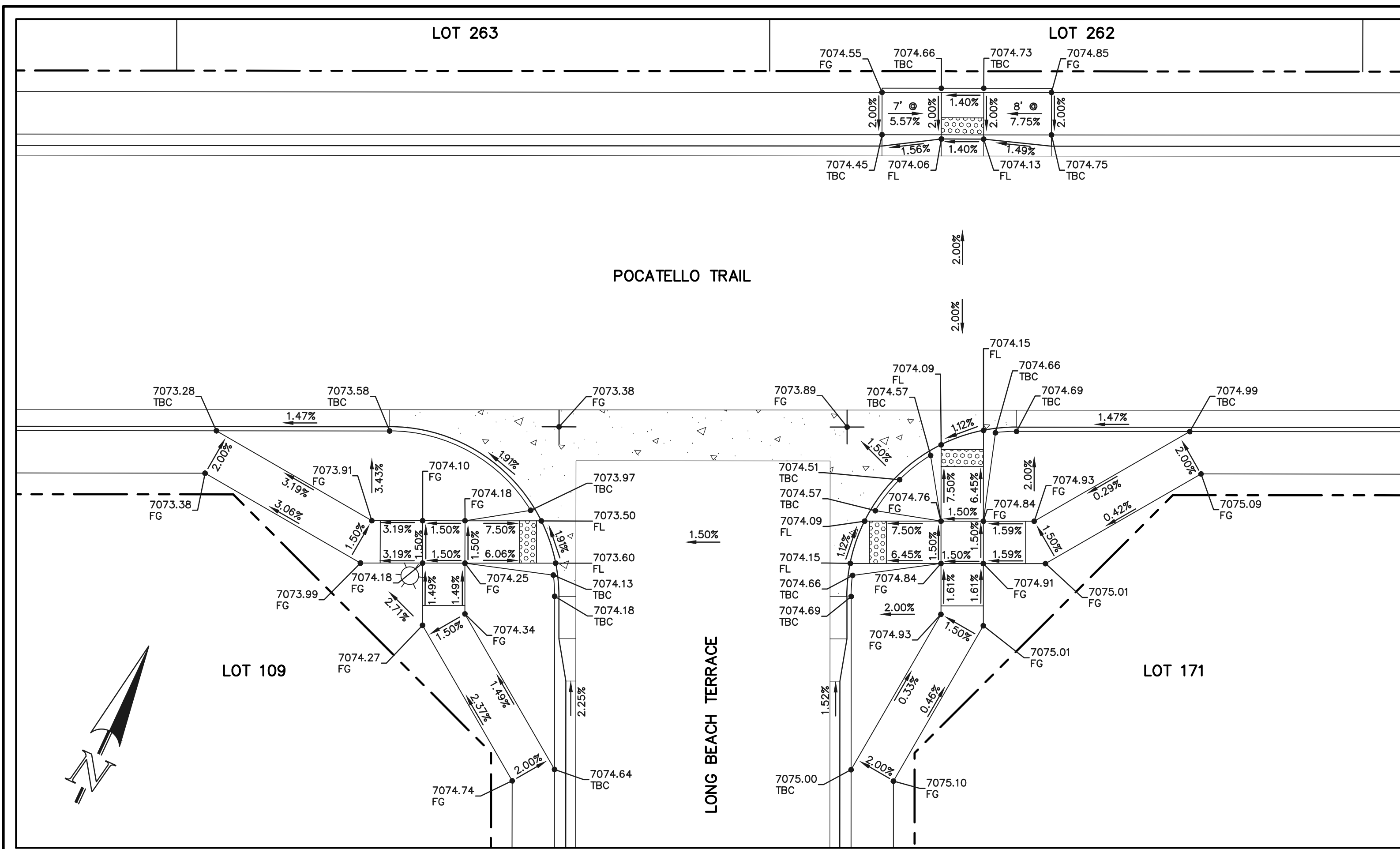


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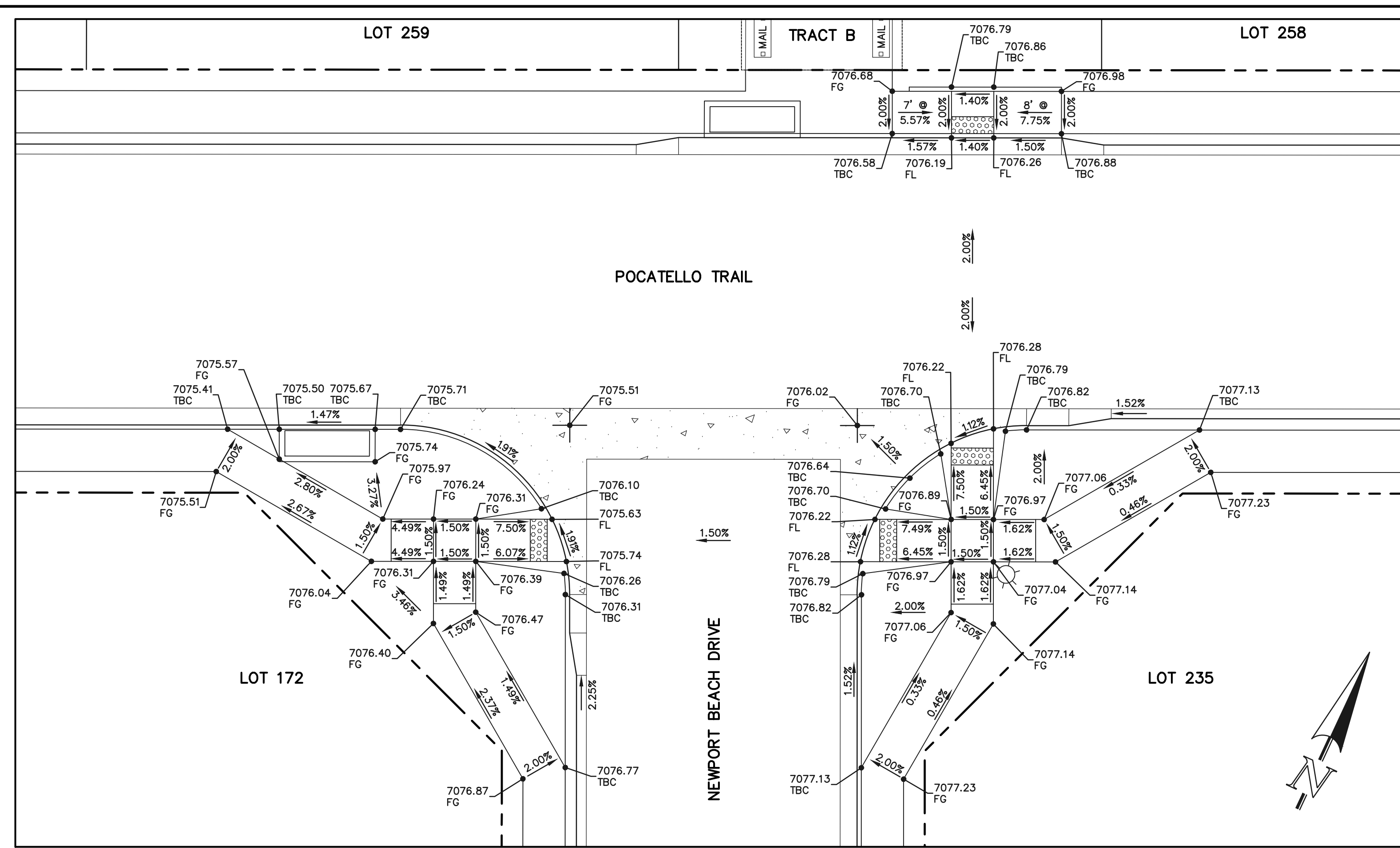
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
PEDESTRIAN RAMP DESIGN

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

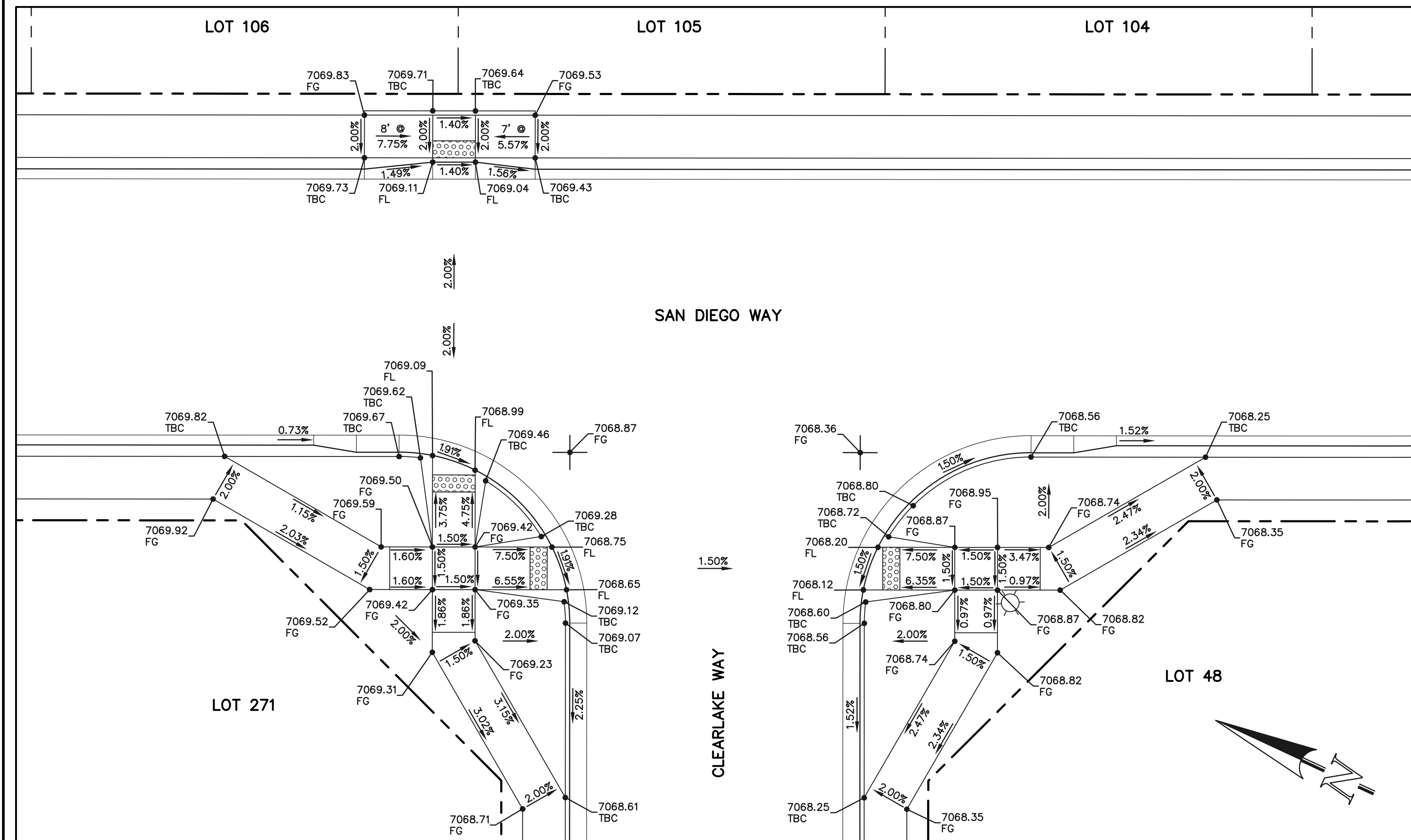
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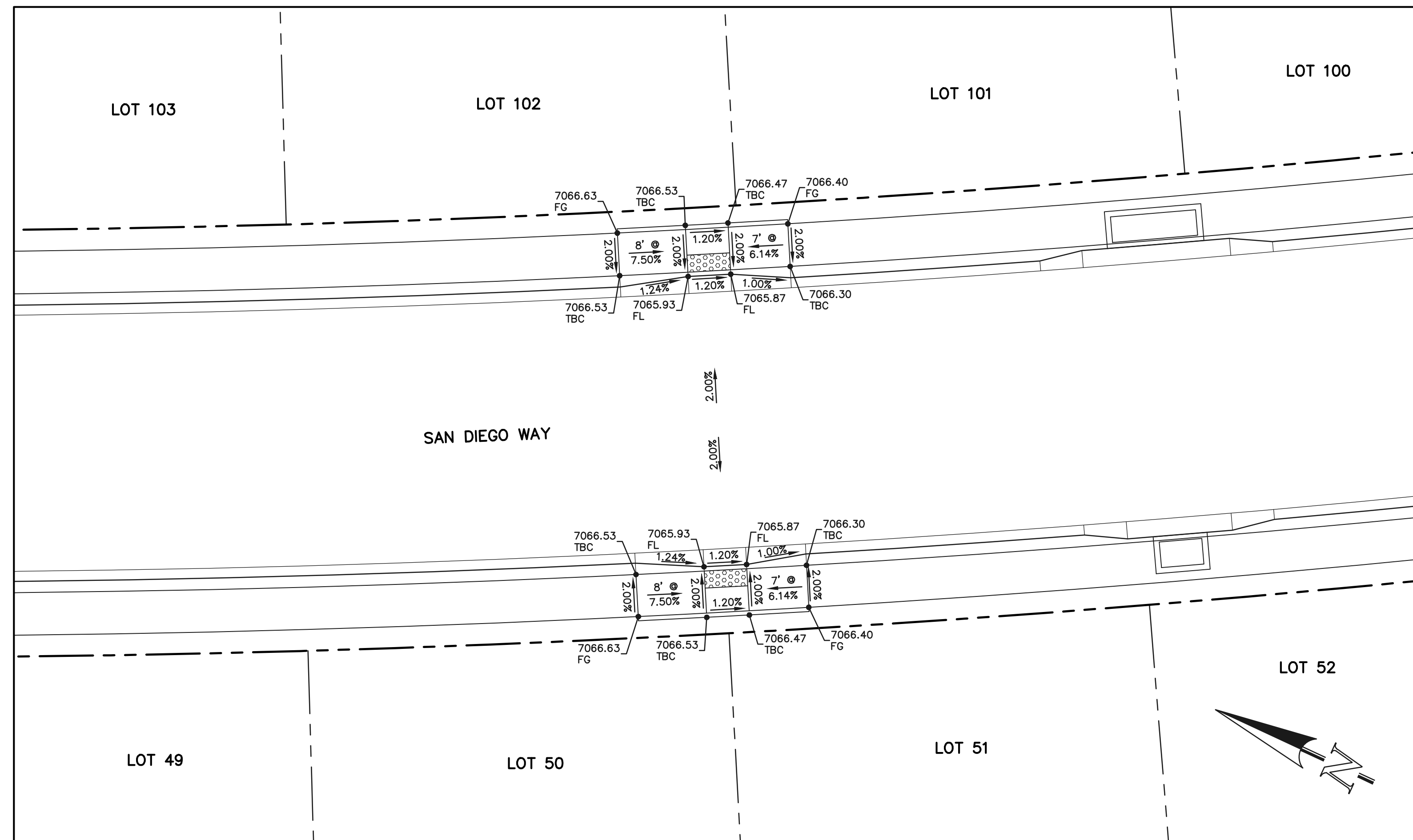
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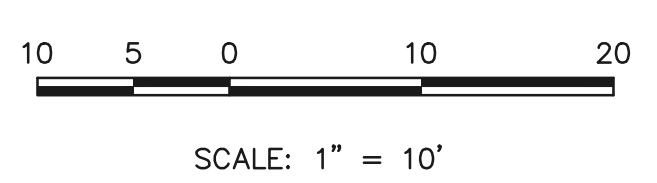
SECTION 'L'



SECTION 'J'



SECTION 'V'



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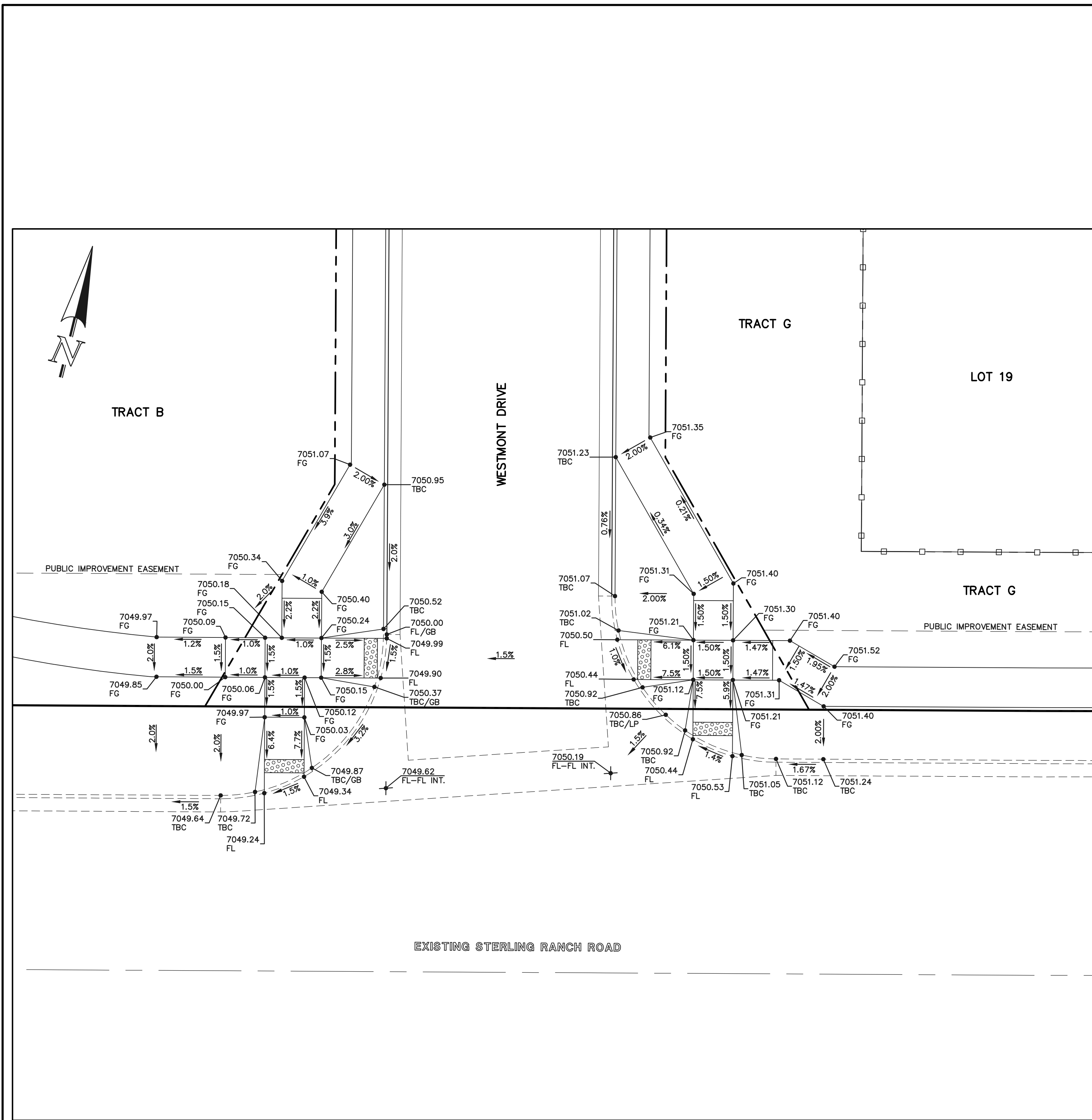
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PUBLIC STREET IMPROVEMENT PLAN
PEDESTRIAN RAMP DESIGN

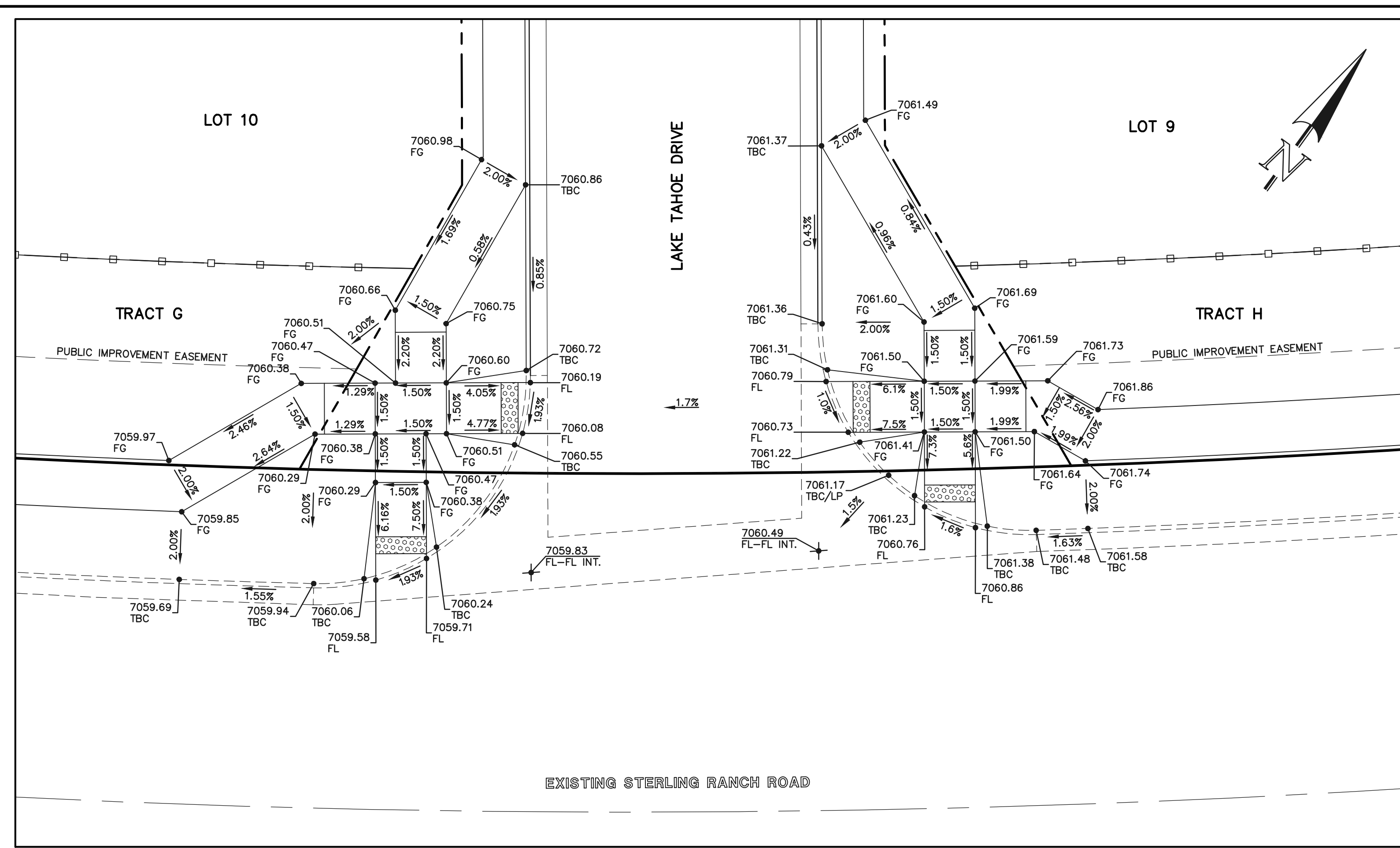
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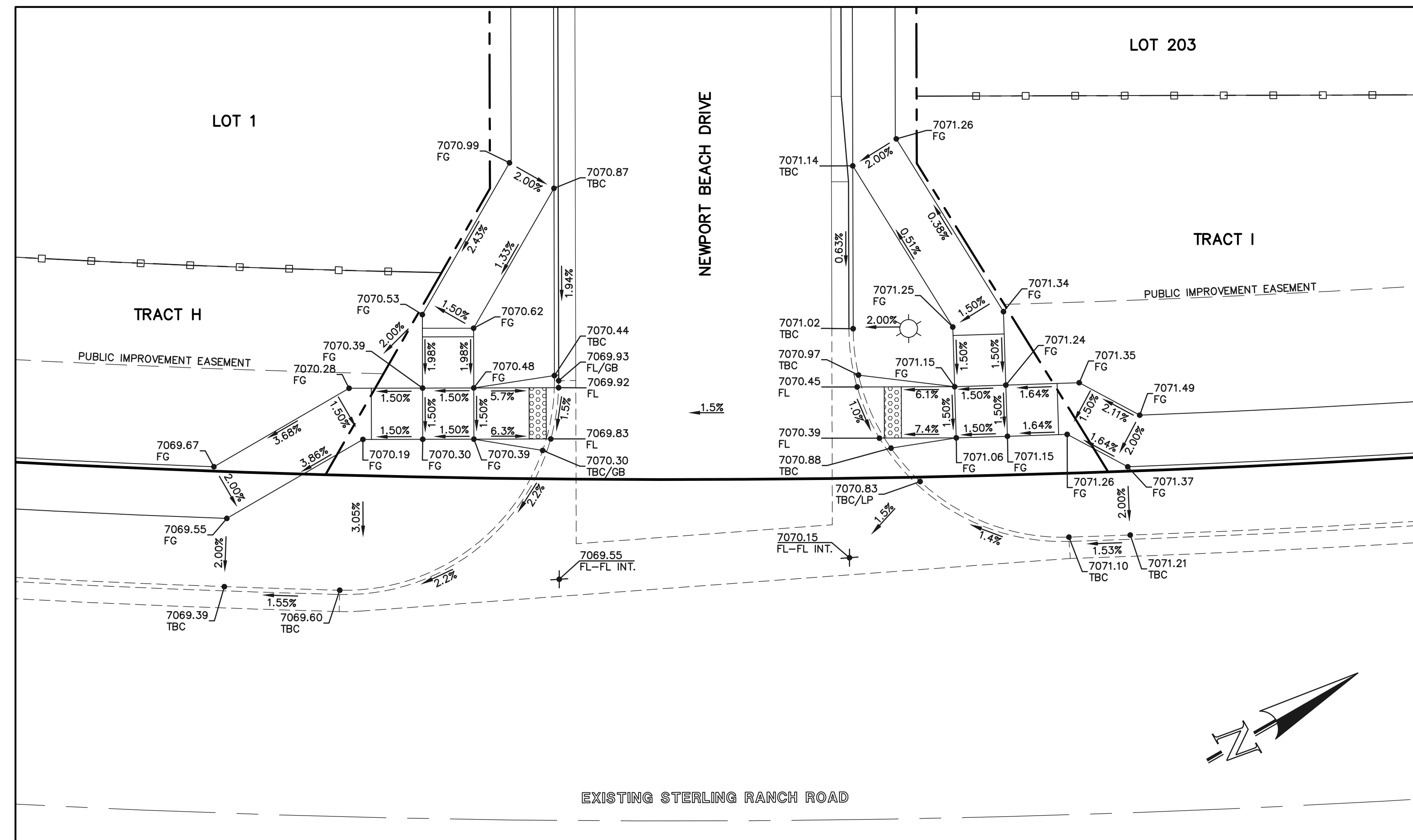
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SECTION 'M'



SECTION 'N'



SECTION 'O'



SCALE: 1" = 10'

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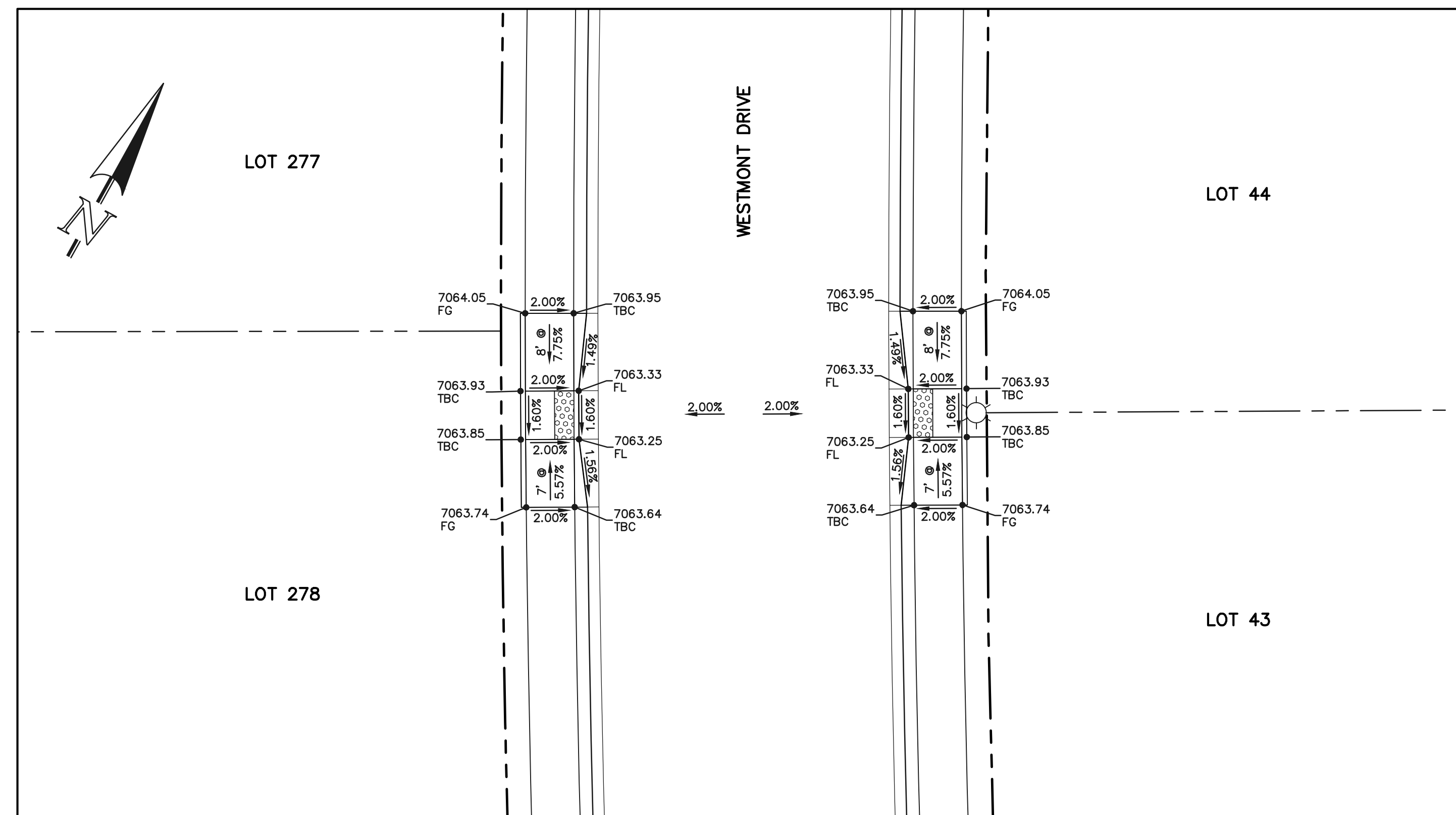
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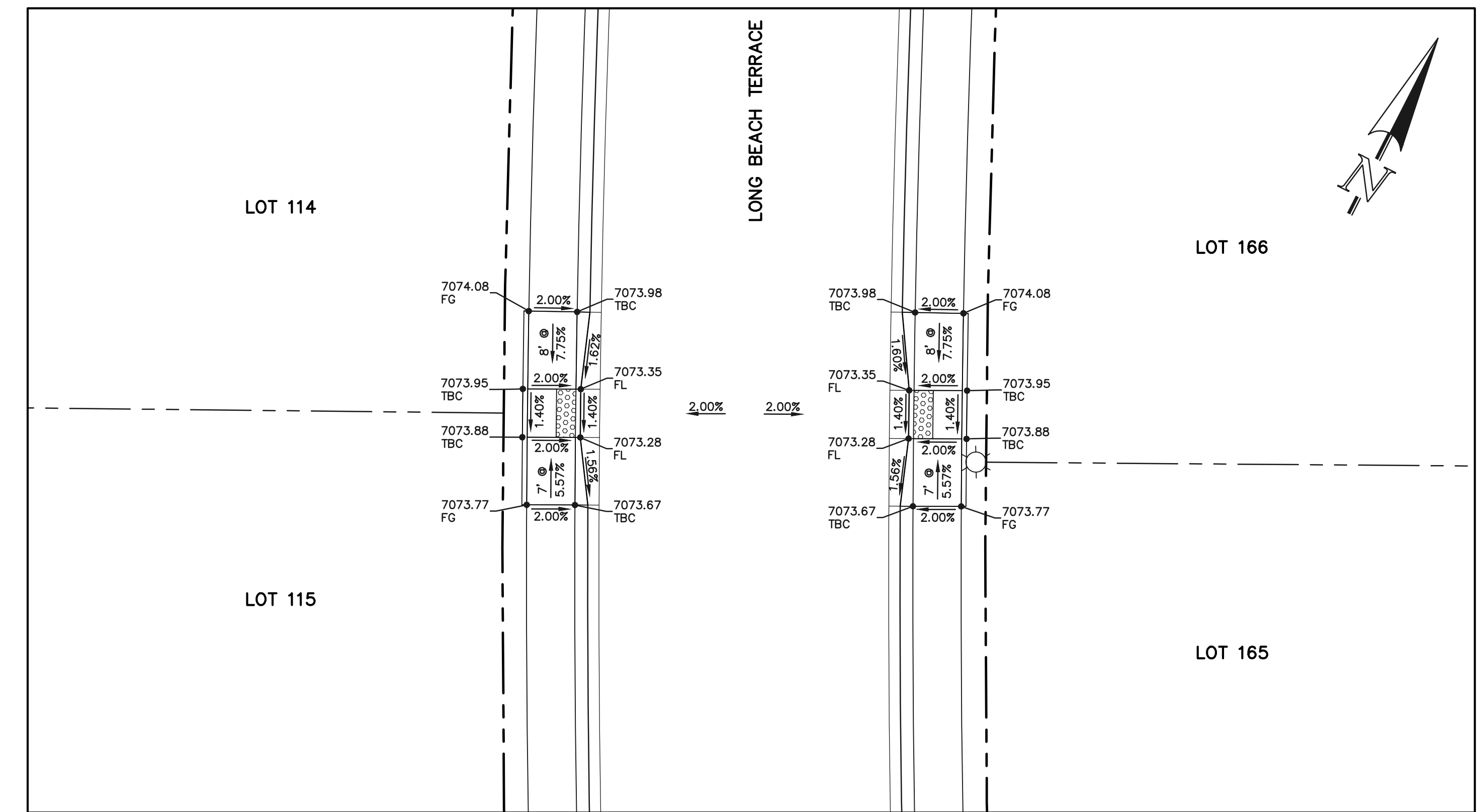
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SHEET 24 OF 53
JOB NO. 1183.30

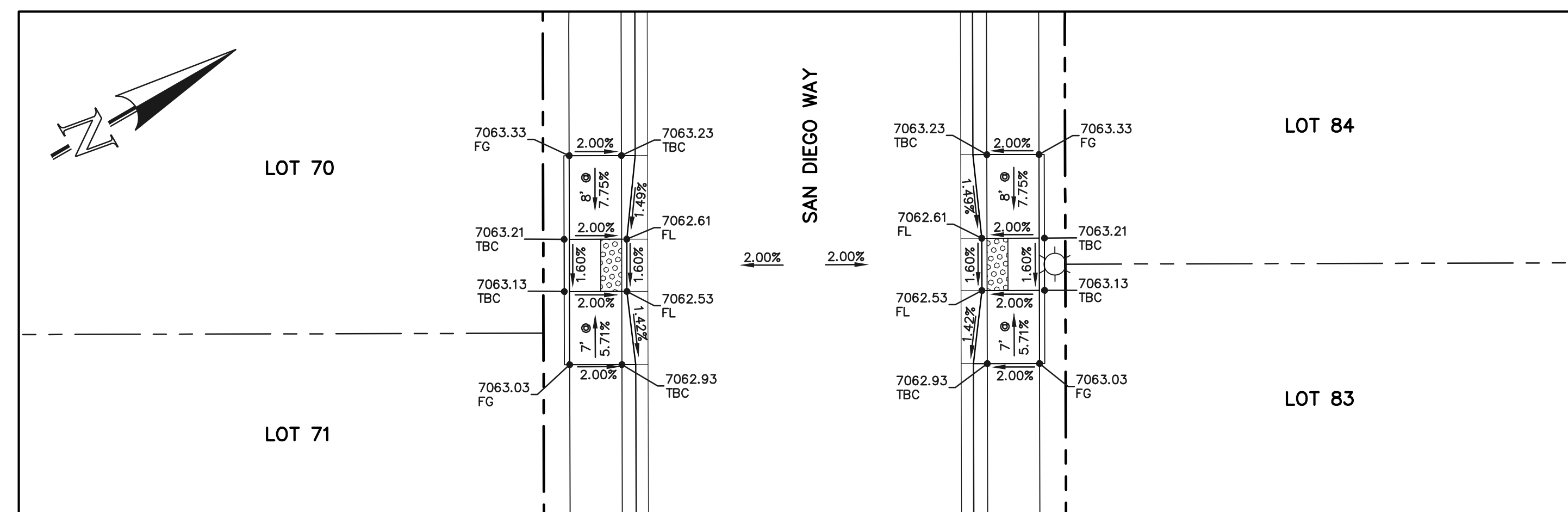
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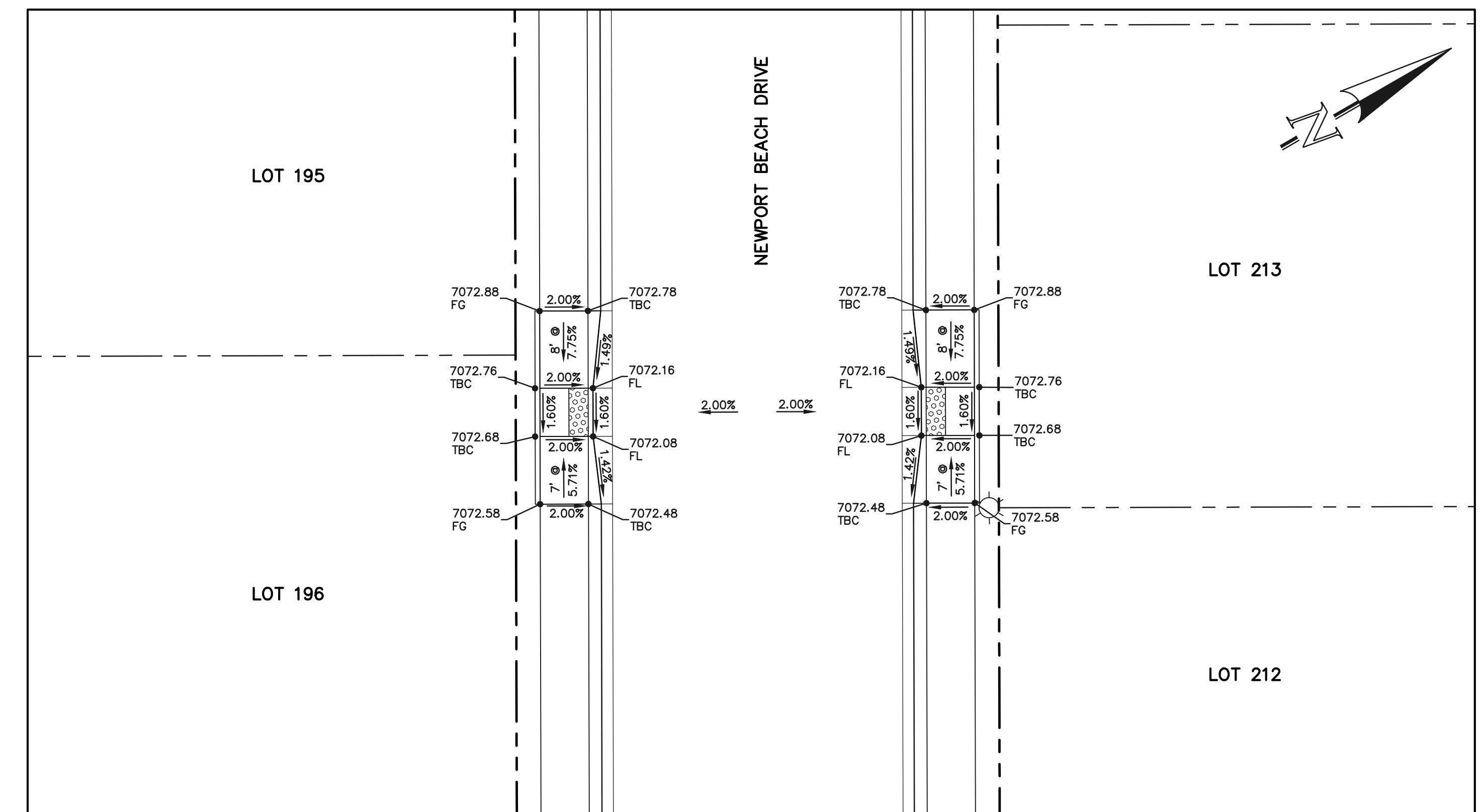
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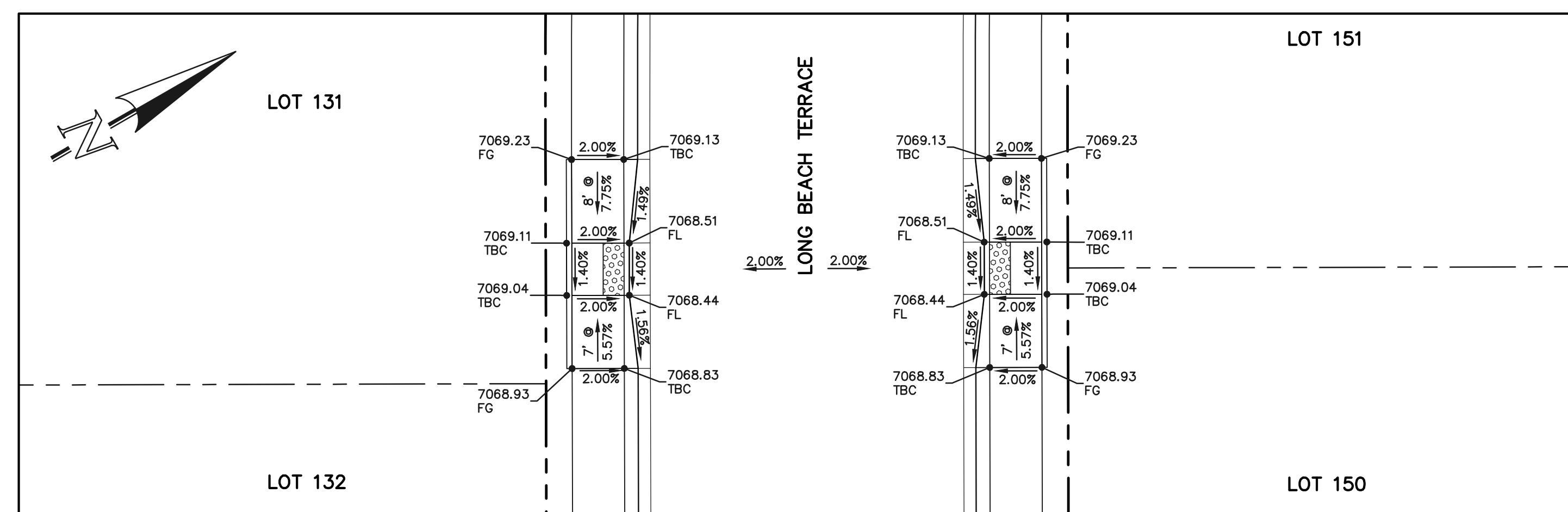
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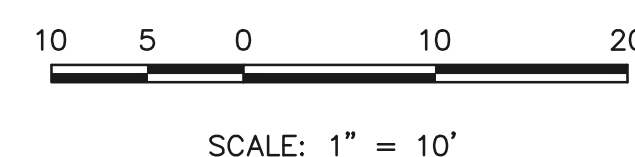
SECTION 'R'



SECTION 'T'



SECTION 'S'



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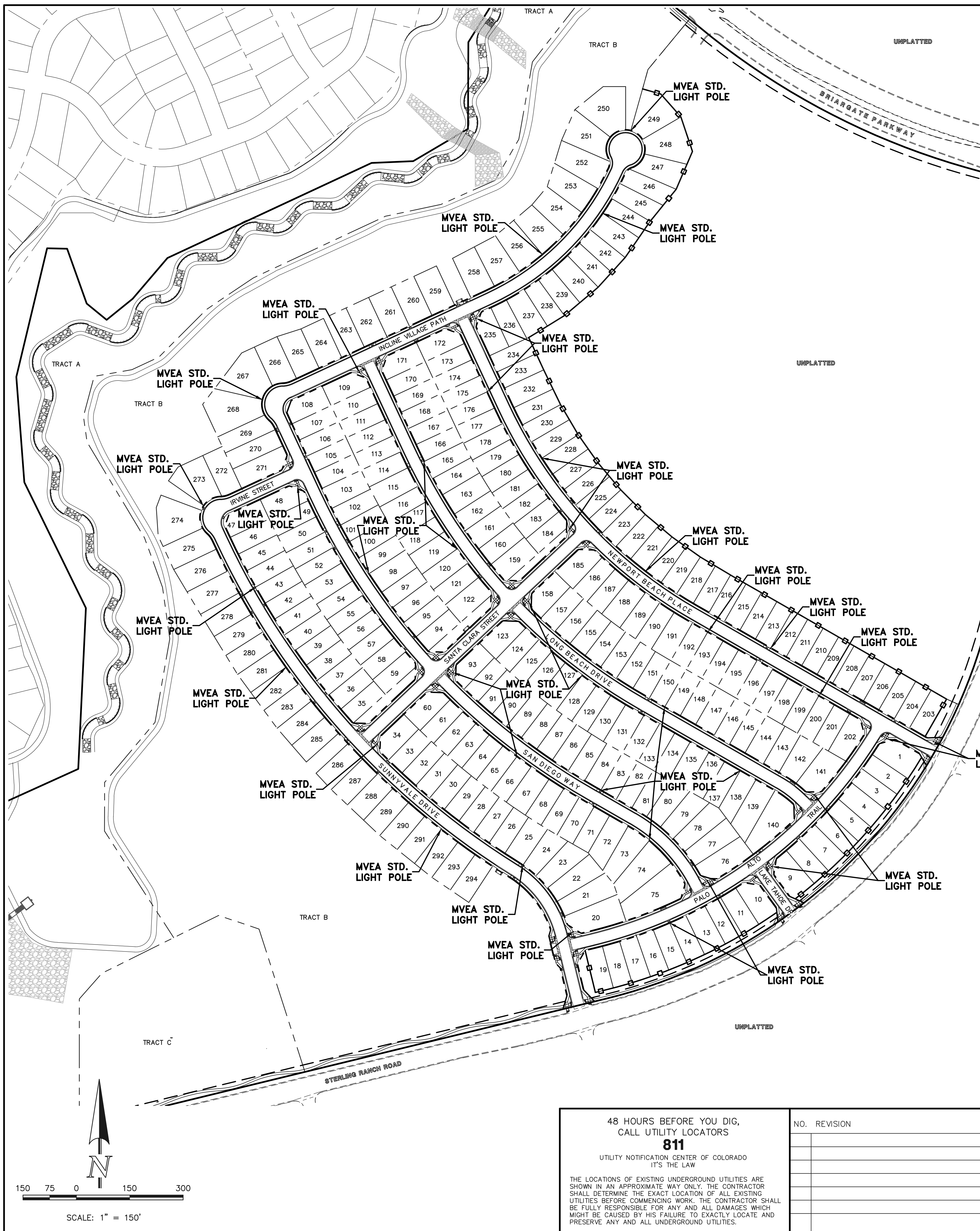


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PEDESTRIAN RAMP DESIGN

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





American Revolution LED Series 247L

PRODUCT OVERVIEW

Features:

- Die-cast aluminum housing and hood for long-life performance
- Die-cast trigger latch (TL) and captive thumb screws option available for easy access to internal components
- Optical assembly designed for maximum performance, available in Type II, Type III and Type V
- Hinged hood and captive thumb screws provision afford quick, easy access to electrical and optical areas for servicing
- Slipfitter with three set screws allows secure installation to pole sizes 2-3/8" or 3" O.D.
- Surge protection device (standard) exceeds ANSI C62.41 Category C1 criteria (surge tested at 10kV/5kA)
- Complies with ANSI: C136.2, C136.10, C136.15
- CSA listed and suitable for up to 30°C ambient
- Rated L70, LED life greater than 100,000 hours at 25°C
- Replaces up to 150W HPS light source incumbent models
- LED electronic 0V-10V dimmable driver
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Applications:

- Streetscapes
- Walkways
- Pathways
- Parks

Applications:
MVEA SPEC * 247 L 10LEDE10 MVOLT 4K RS AY PCLL

DIMENSIONS

Effective Projected Area (EPA)
The EPA for the American Revolution Series 247 is 1.6 sq. ft.
P5 or P7 option total height is 26.8 (682).
Approx. Wt. = 36 lbs.

Note: Specifications subject to change without notice.
American Revolution Series 247L LED

American Revolution LED Series 247L

ORDERING INFORMATION

Example: 247L 20LEDE70 MVOLT 4K R3 AY

Series	Performance Package	Voltage	Color Temperature (CCT)
247L American Revolution LED	20LEDE10	20 Chips, 1050 mA Driver, 72 input watts	MVOLT Multi-volt, 120-277V
	20LEDE70	20 Chips, 700 mA Driver, 45 input watts	347 347V
	10LEDE10	10 Chips, 1050 mA Driver, 36 input watts	480 480V
	10LEDE70	10 Chips, 700 mA Driver, 25 input watts	3K 3000K
	10LEDE53	10 Chips, 525 mA Driver, 18 input watts	4K 4000K
10LEDE35	10 Chips, 350 mA Driver, 13 input watts	5K 5000K	

Distribution	Optics	Options
R2 Type II R3 Type III R5 Type V	AY Acrylic PY Polycarbonate	Paints (blank) GR Gray DBR Dark Bronze WH White BRZ Bronze Photocontrol (blank) NR No Photocontrol Receptacle P5 5 pin NEMA Photocontrol Receptacle (dimmable driver included) P7 7 pin NEMA Photocontrol Receptacle (dimmable driver included) PCLL Solid State Long Life Photocontrol PCLL Not CSA Listed Solid State Long Life Photocontrol (120-277V)

Accessories:
RNC57 ROAM Dimming Node Cupola Cover

Notes:

- Other colors available, please contact factory
- PC and SH not available with NR option
- Taller cupola cover (RCC) is required when used with ROAM or other similar wireless monitoring control systems
- Standard failure mode "Fail On"
- Photocontrols supplied with ANSI Standard Turn-On levels
- XL option is required
- Ships with unit, field installed
- Required when using ROAM or other similar wireless monitoring control systems

Warranty: Five-year limited warranty. Complete warranty terms located at www.aelighting.com/CustomerResources/Warranty_and_conditions.aspx. Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

AEL American Electric Lighting
AEL Headquarters, 3825 Columbus Road, Granville, OH 43032
www.aelighting.com
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LIGHT POLE OWNERSHIP AND RESPONSIBILITY:

DEVELOPER RESPONSIBLE FOR COST OF POLE DESIGN AND INSTALL

MVEA OWNS AND MAINTAINS LIGHT POLES UPON INSTALL

LOCAL DISTRICT/HOA RESPONSIBLE FOR LIGHT POLE ELECTRICITY COSTS

LIGHT POLE LOCATION WITHIN URBAN ROADWAY:

CRITERIA PER ECM 4.3.5.D.2

URBAN LOCAL CLEAR ZONE = 12'

POLE LOCATION = 6.5' MIN. FROM TBC AND 1.0' INSIDE 50' ROW

LIGHT POLE NOTES:

ALL LIGHT FIXTURES MOUNTED WITHIN 15' OF ANY RESIDENTIAL PROPERTY LINE OF THE SITE SHALL BE CLASSIFIED AS IES TYPE II OR TYPE III, OR FIXTURE DEMONSTRATED TO PROVIDE SIMILAR DISTRIBUTION PATTERNS AND SHIELDING PROPERTIES. FIXTURES SHALL BE FITTED WITH "HOUSE SIDE SHIELD" REFLECTORS ON THE SIDES FACING THE RESIDENTIAL PROPERTY LINE. LDC 6.2.3

HEIGHT, NO FREESTANDING LIGHT FIXTURES SHALL BE MOUNTED HIGHER THAN 15 FEET, EXCEPT PARKING LOT LIGHT FIXTURES WHICH SHALL BE MOUNTED NO HIGHER THAN 20 FEET UNLESS AN ALTERNATIVE LIGHTING PROPOSAL IS APPROVED IN ACCORDANCE WITH THIS CODE. LDC 6.2.3

ORIENTATION VIEWED FROM TOP OF POLE

MOUNTAIN VIEW

CAT. NO.: TB23-D-50-3-H-T238

QUANTITY:	JOB NUMBER:	SPECS:	WIND VEL.:
PO. NUMBER:	APPD BY:	TOT. LENGTH: 23'-0"	100@1.3
REV. DATE:	REMARKS:	EMBED. DEPTH: 4'-0"	LUM. WEIGHT: 50 lbs.
QUOTE:		TIP WIDTH: 4.41"	LUM. EPA: 3.50 sq.ft.
		WEIGHT: 50 lbs.	STATIC DEFL.:
		DRAWN BY: PLF	TOTAL DEFL.:

DATE: 01/16/2017

PCD FILE #SF-22-035

48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS

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SCALE: 1" = 150'

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

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STREET IMPROVEMENT PLAN
STREET LIGHT POLE LOCATION

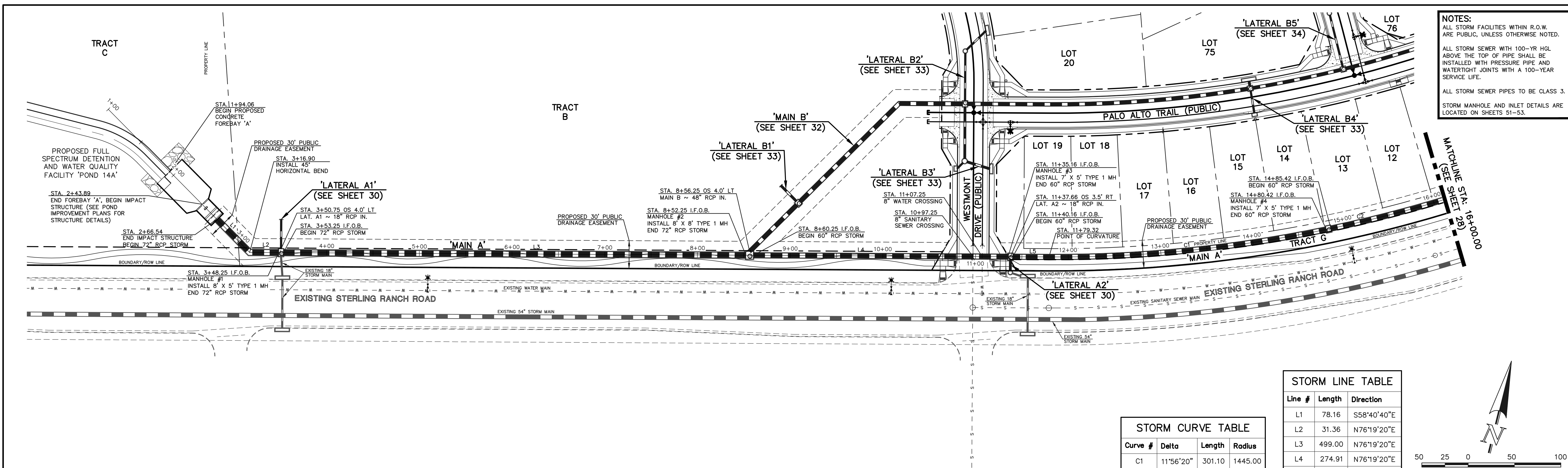
DESIGNED BY: MES SCALE: DATE: 08/31/22

DRAWN BY: MES (H) 1" = N/A SHEET 26 OF 53

CHECKED BY: (V) 1" = N/A JOB NO. 1183.30

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

NOTES:
 ALL STORM FACILITIES WITHIN R.O.W. ARE PUBLIC, UNLESS OTHERWISE NOTED.
 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.

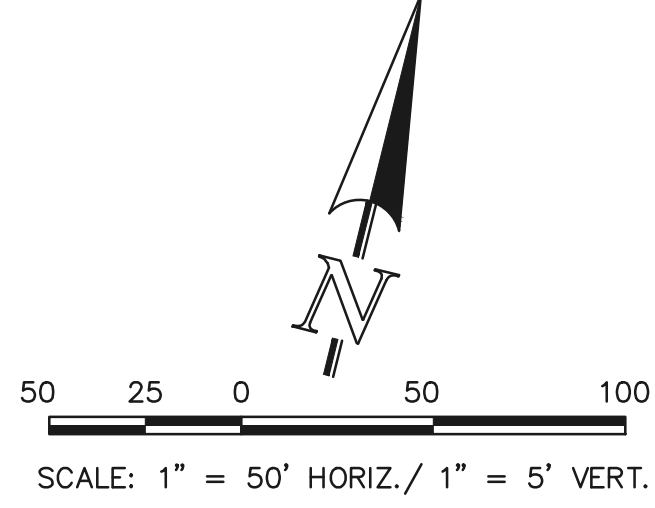


STORM LINE TABLE

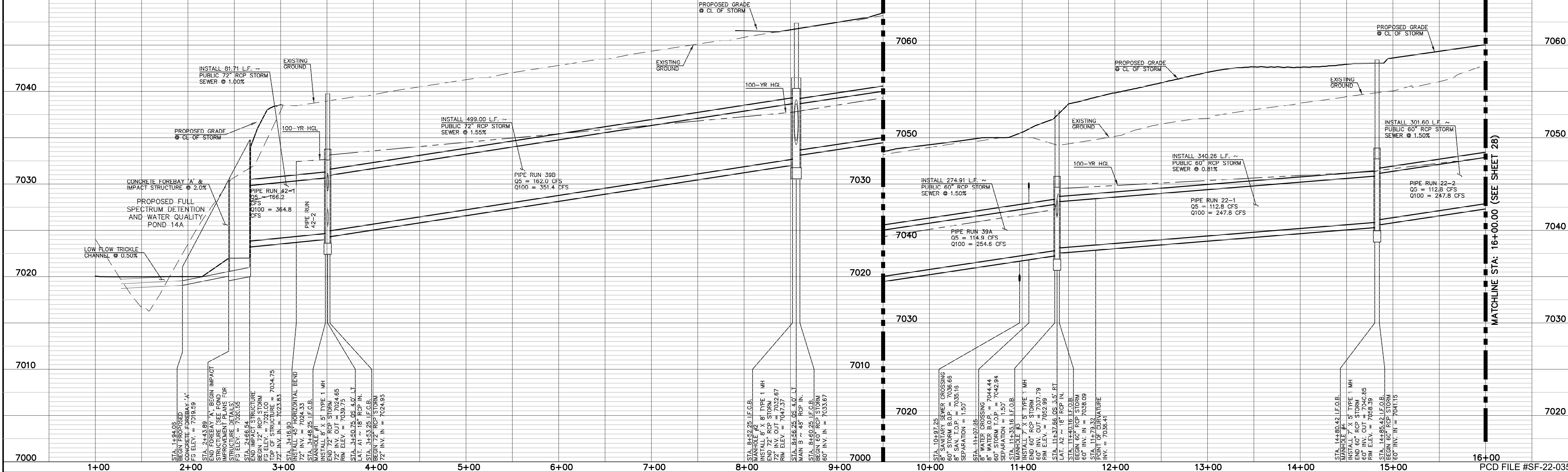
Line #	Length	Direction
L1	78.16	S58°40'40"E
L2	31.36	N76°19'20"E
L3	499.00	N76°19'20"E
L4	274.91	N76°19'20"E
L5	39.17	N76°19'18"E

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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NO.	REVISION	DATE

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



STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC 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	

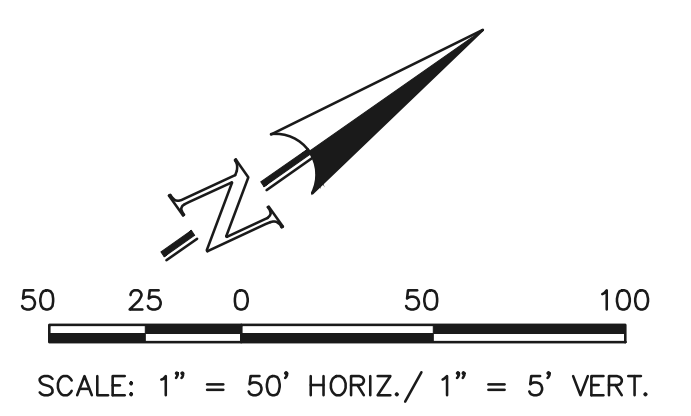
NOTES:
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 ALL STORM SEWER PIPES TO BE CLASS 3.
 STORM MANHOLE AND INLET DETAILS ARE LOCATED ON SHEETS 51-53.

STORM LINE TABLE

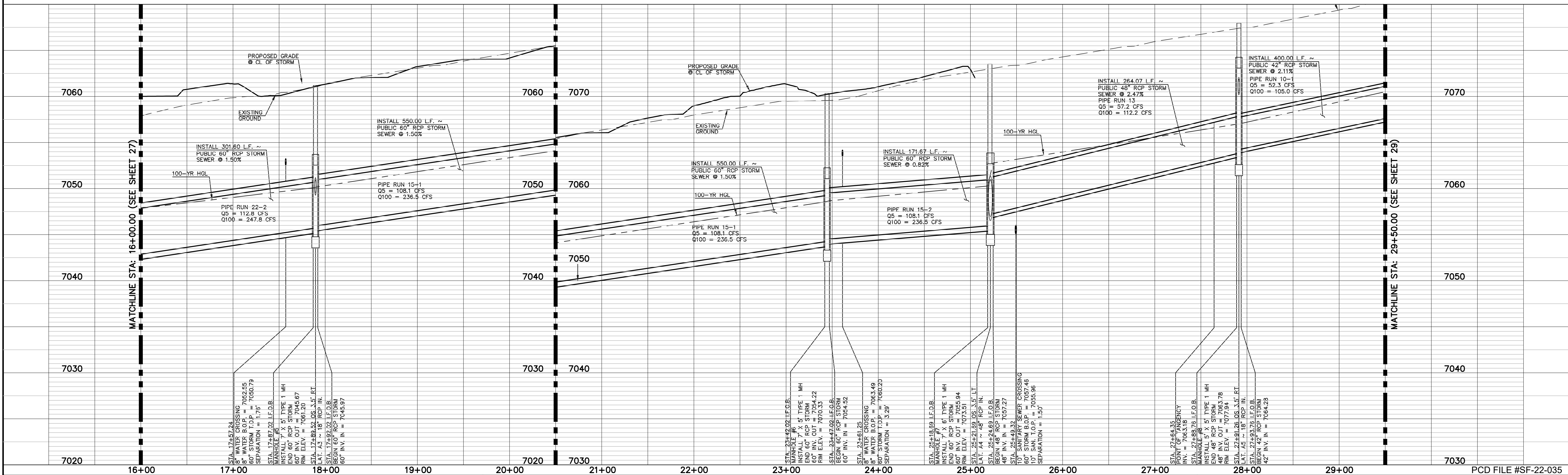
Line #	Length	Direction
L6	24.41	N13°28'29"E
L7	400.00	N13°28'29"E

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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NO. REVISION	DATE

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CLASSIC CONSULTING

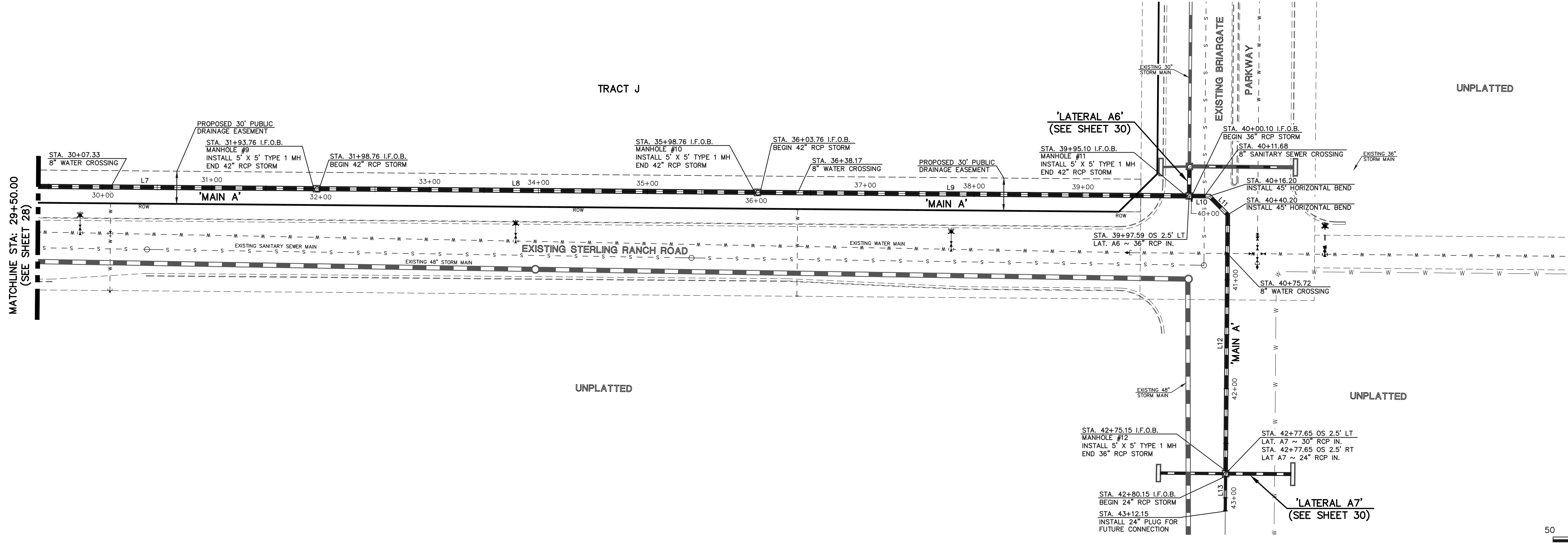
619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903

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

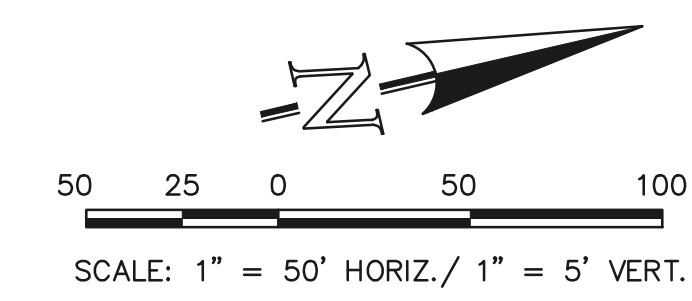
STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC STORM SEWER PLAN
 "MAIN A" STA: 16+00 - STA: 29+50

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	28 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	

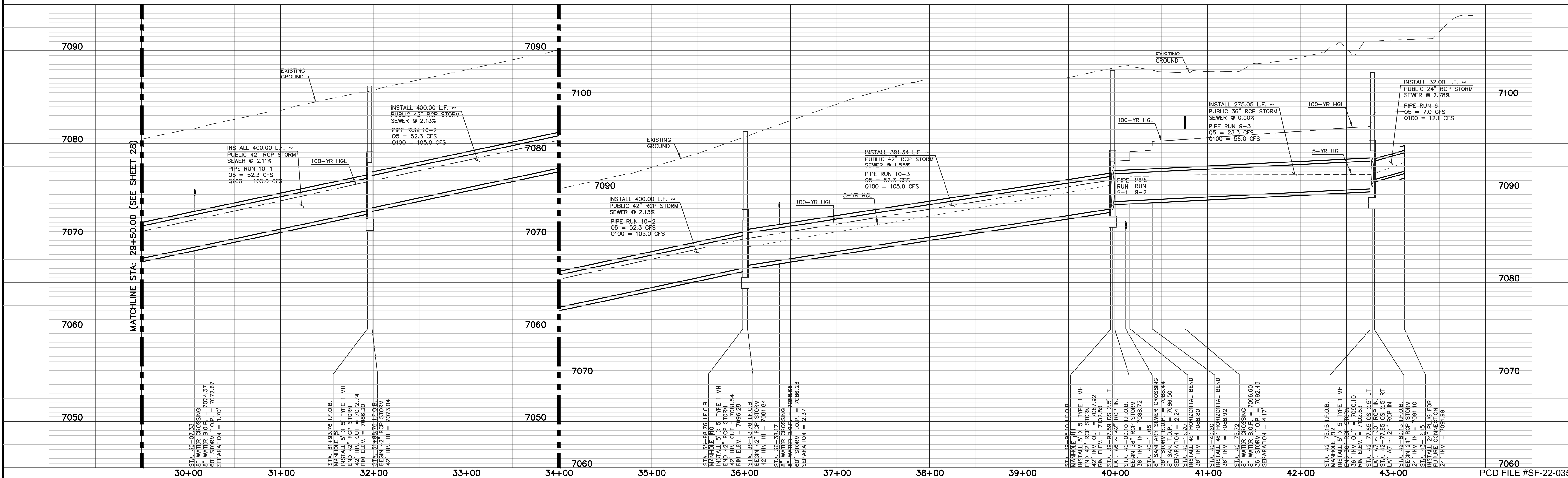
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 STORM MANHOLE AND INLET DETAILS ARE LOCATED ON SHEETS 51-53.



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"E
L13	32.00	N76°31'31"W



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

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NO.	REVISION	DATE

REVIEW:

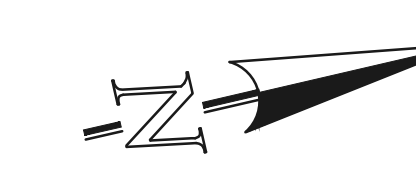
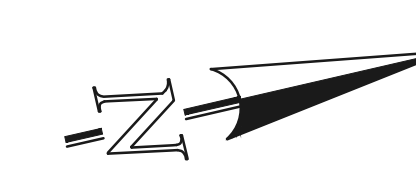
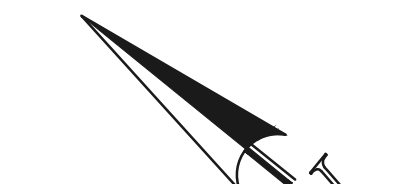
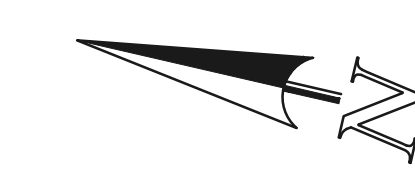
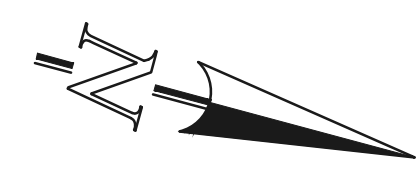
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KYLE R. CAMPBELL, COLORADO P.E. #29794

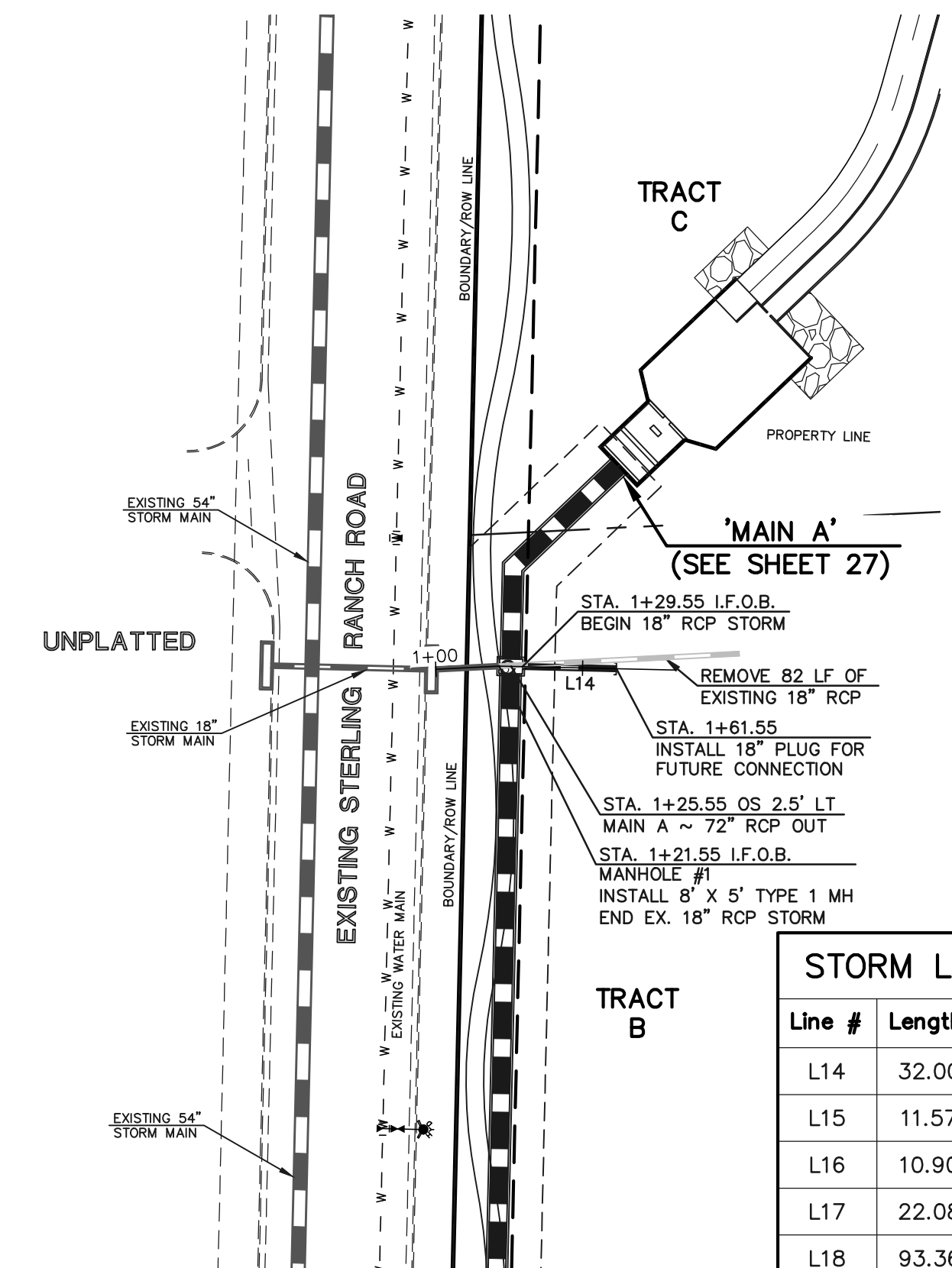
619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903
 (719)785-0790
 (719)785-0799(fax)

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

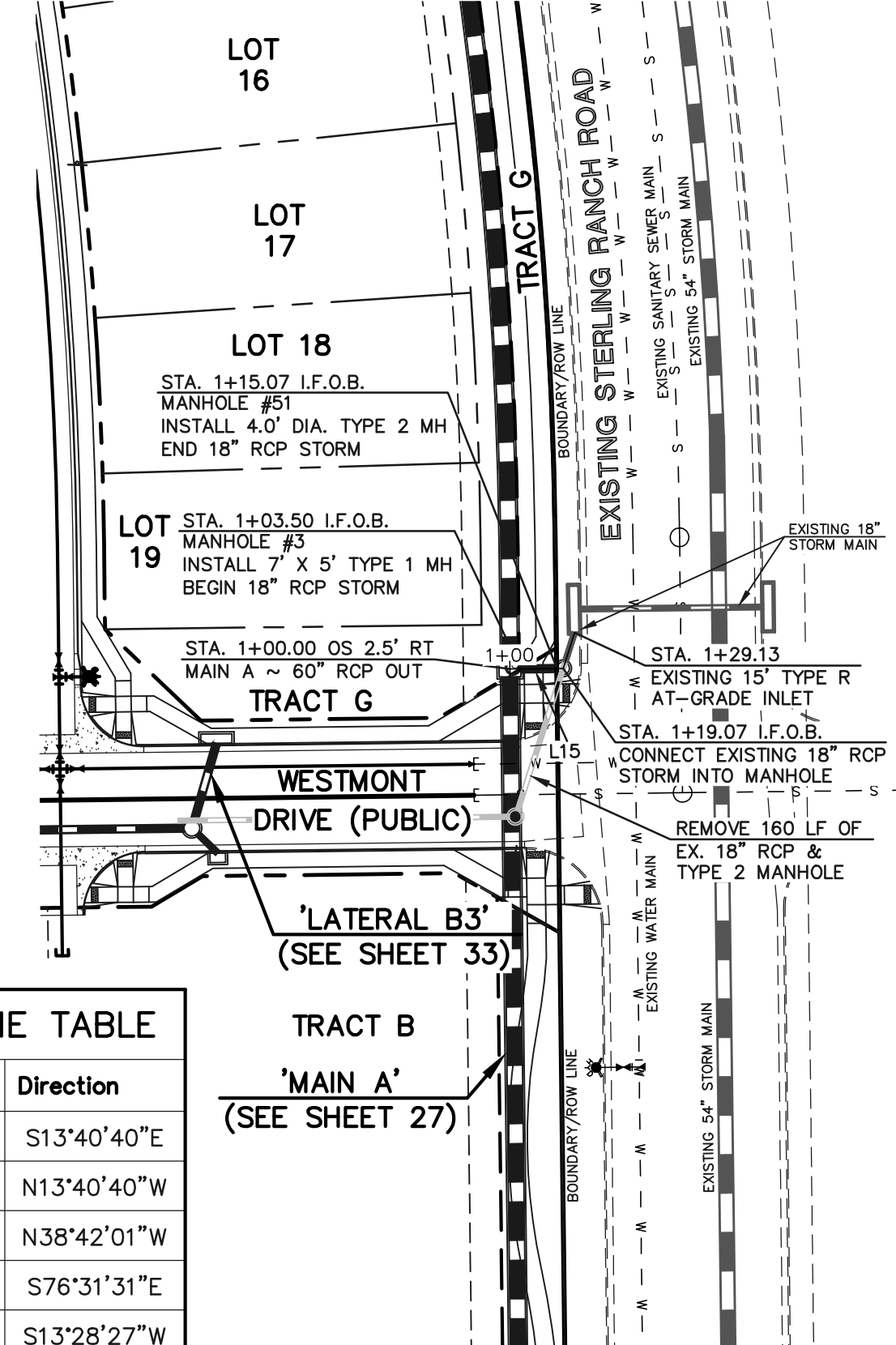
DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	29 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	



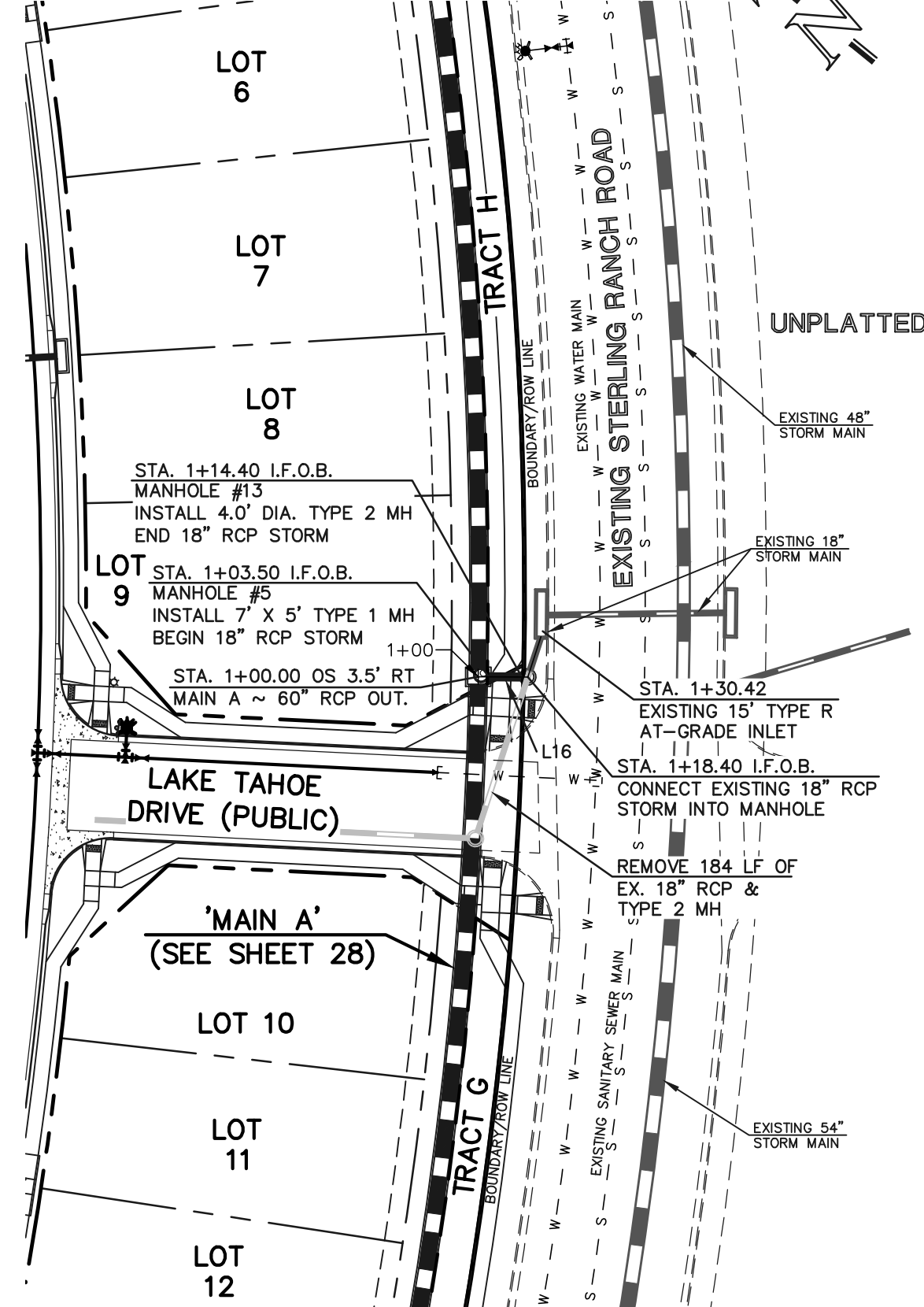
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 STORM MANHOLE AND INLET DETAILS ARE LOCATED ON SHEETS 51-53.



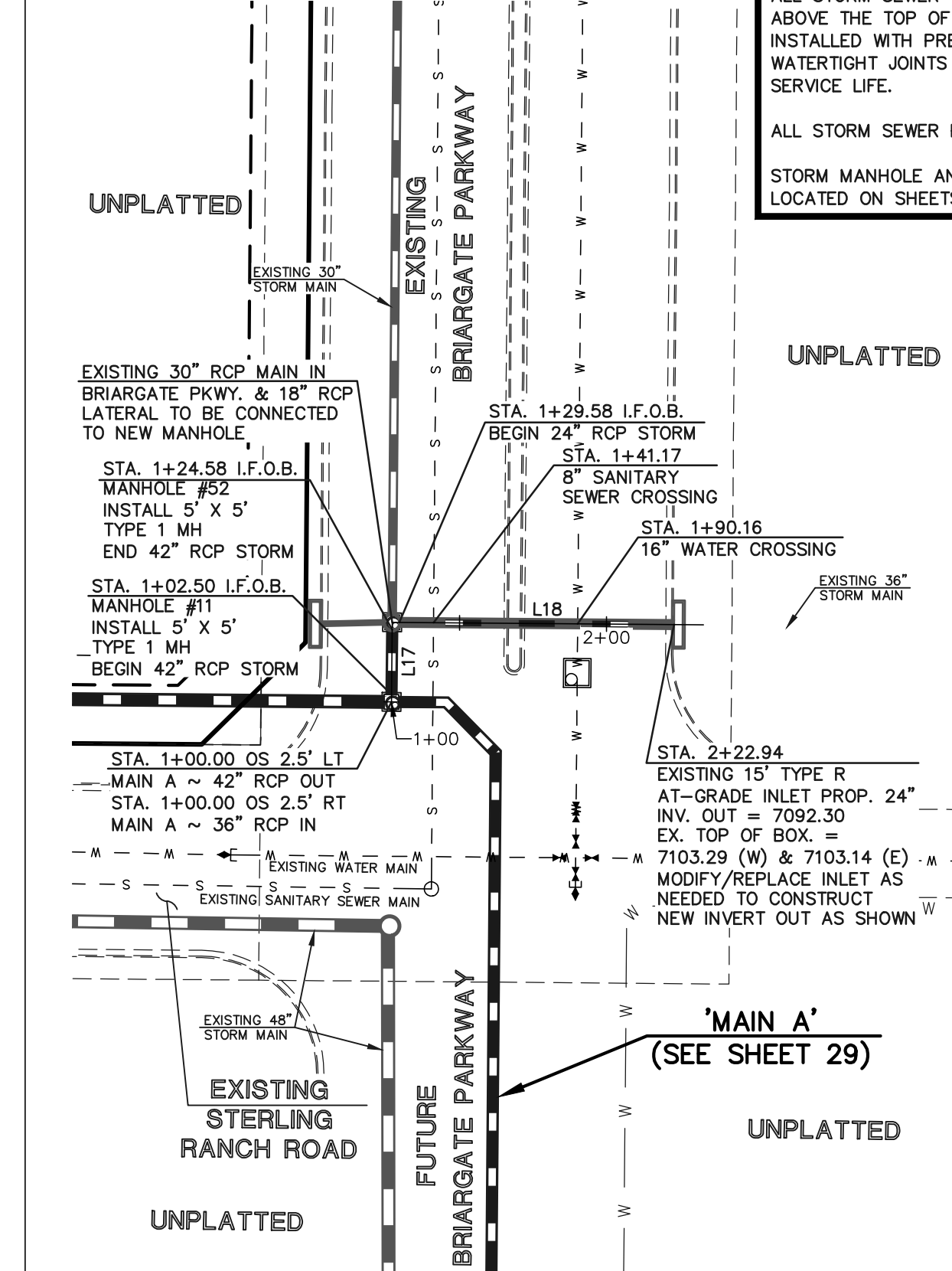
PUBLIC 18" RCP STORM 'LATERAL A1'



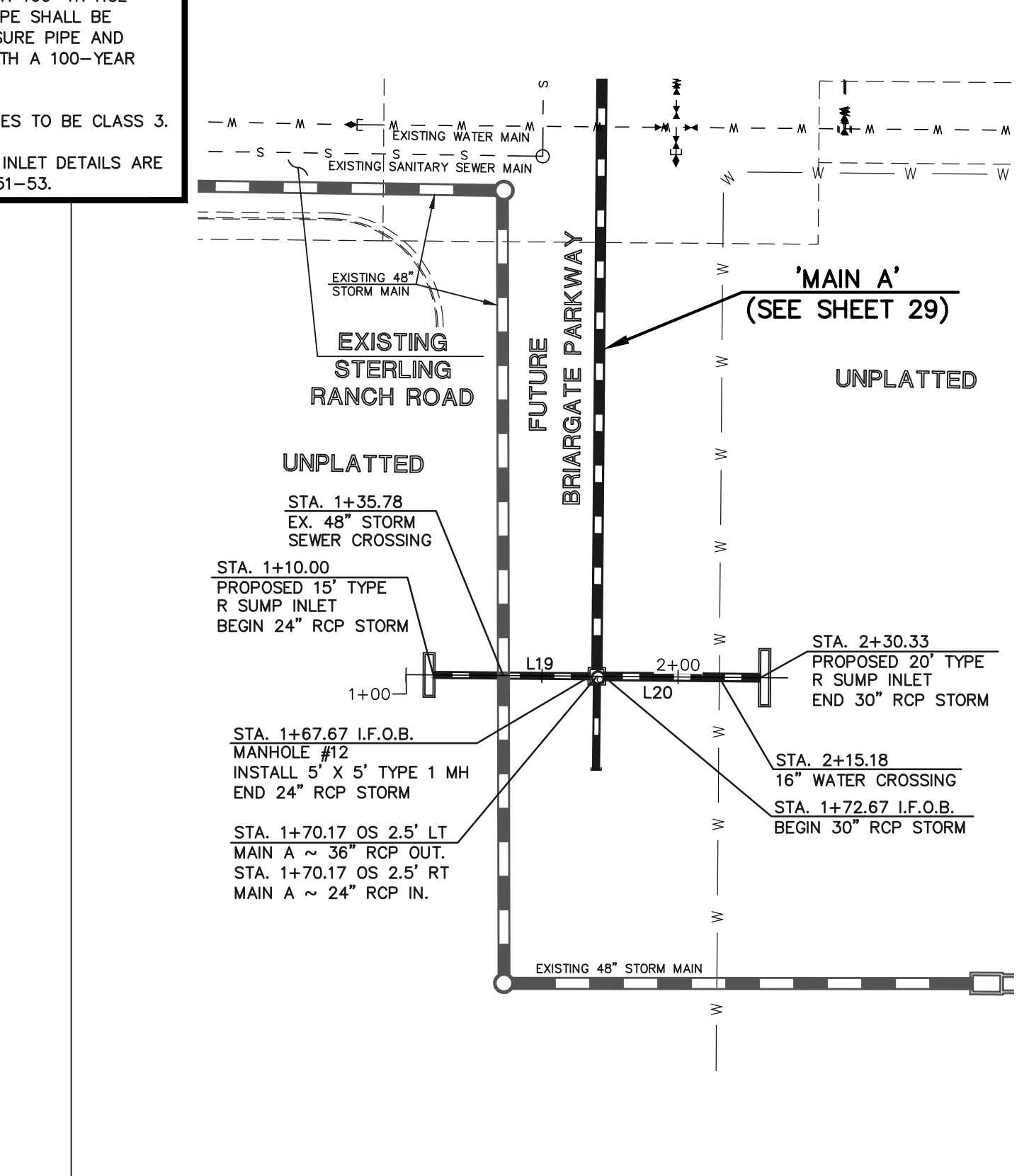
PUBLIC 18" RCP STORM 'LATERAL A2'



PUBLIC 18" RCP STORM 'LATERAL A3'



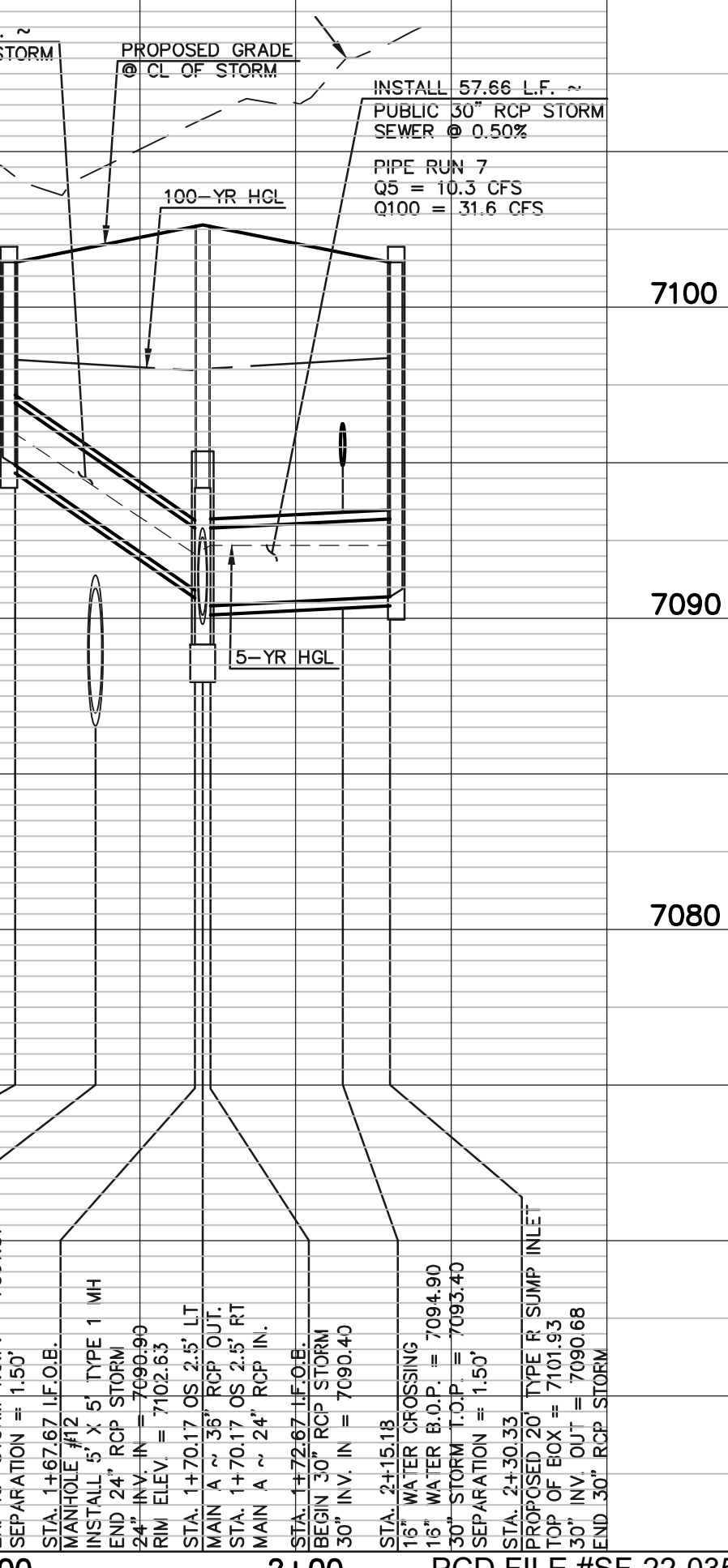
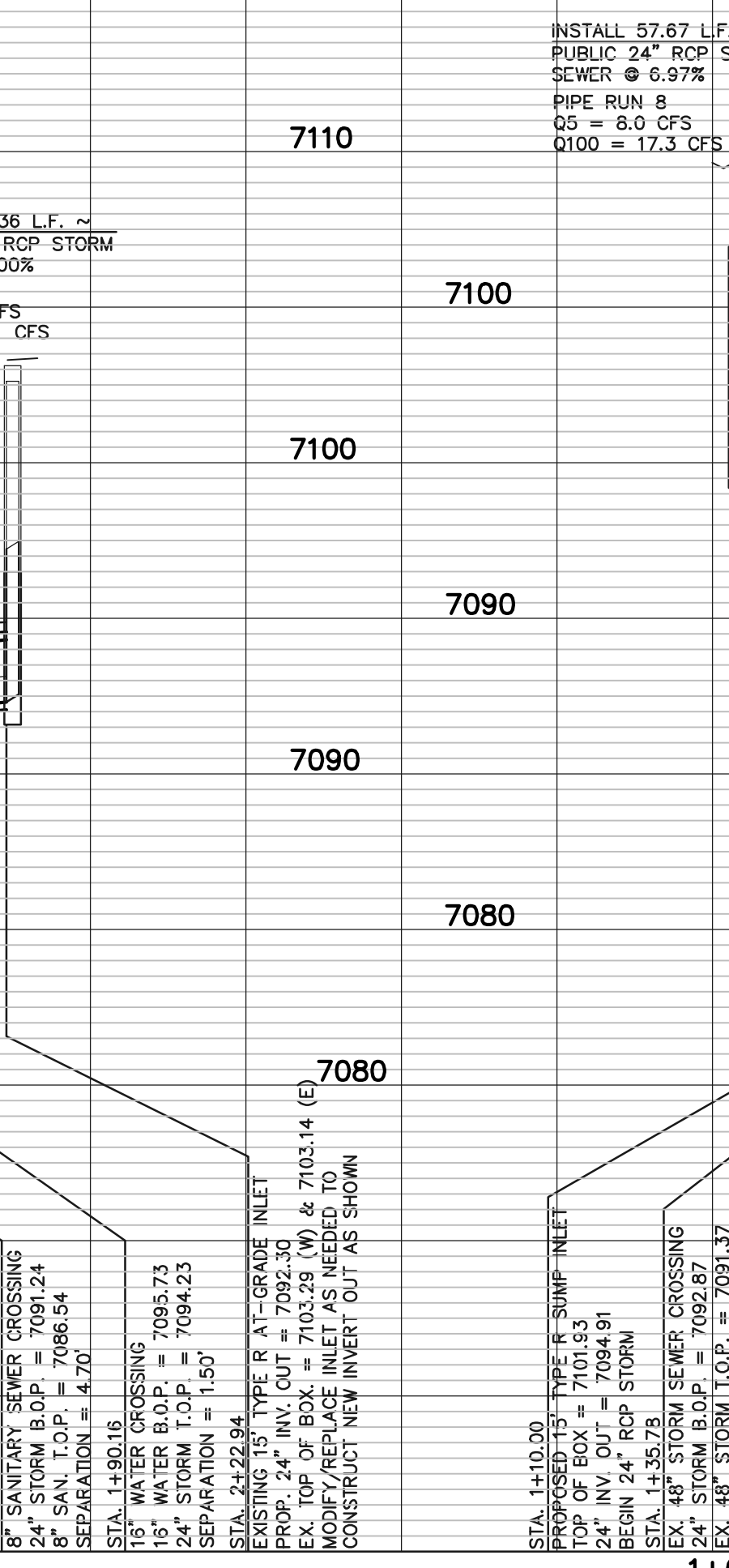
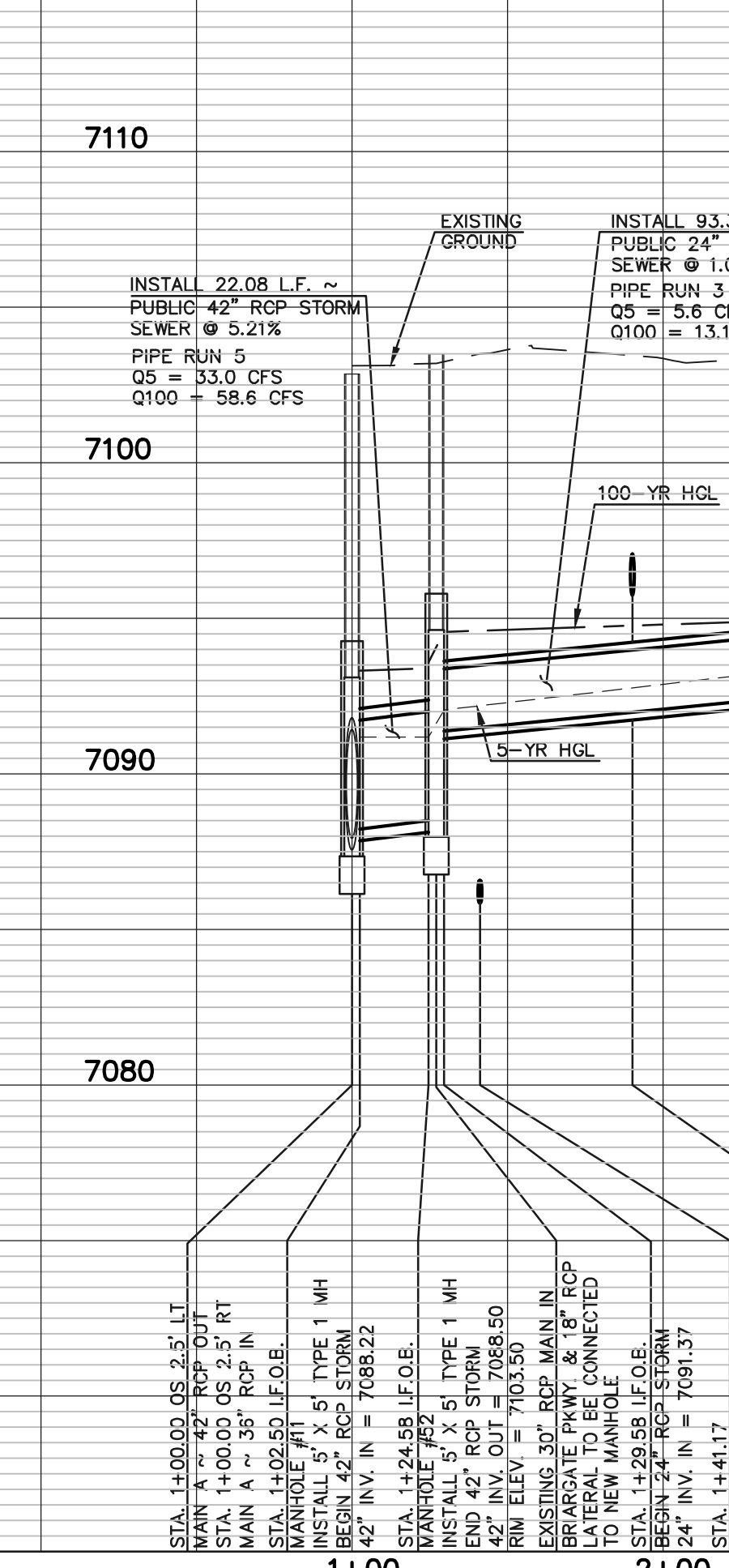
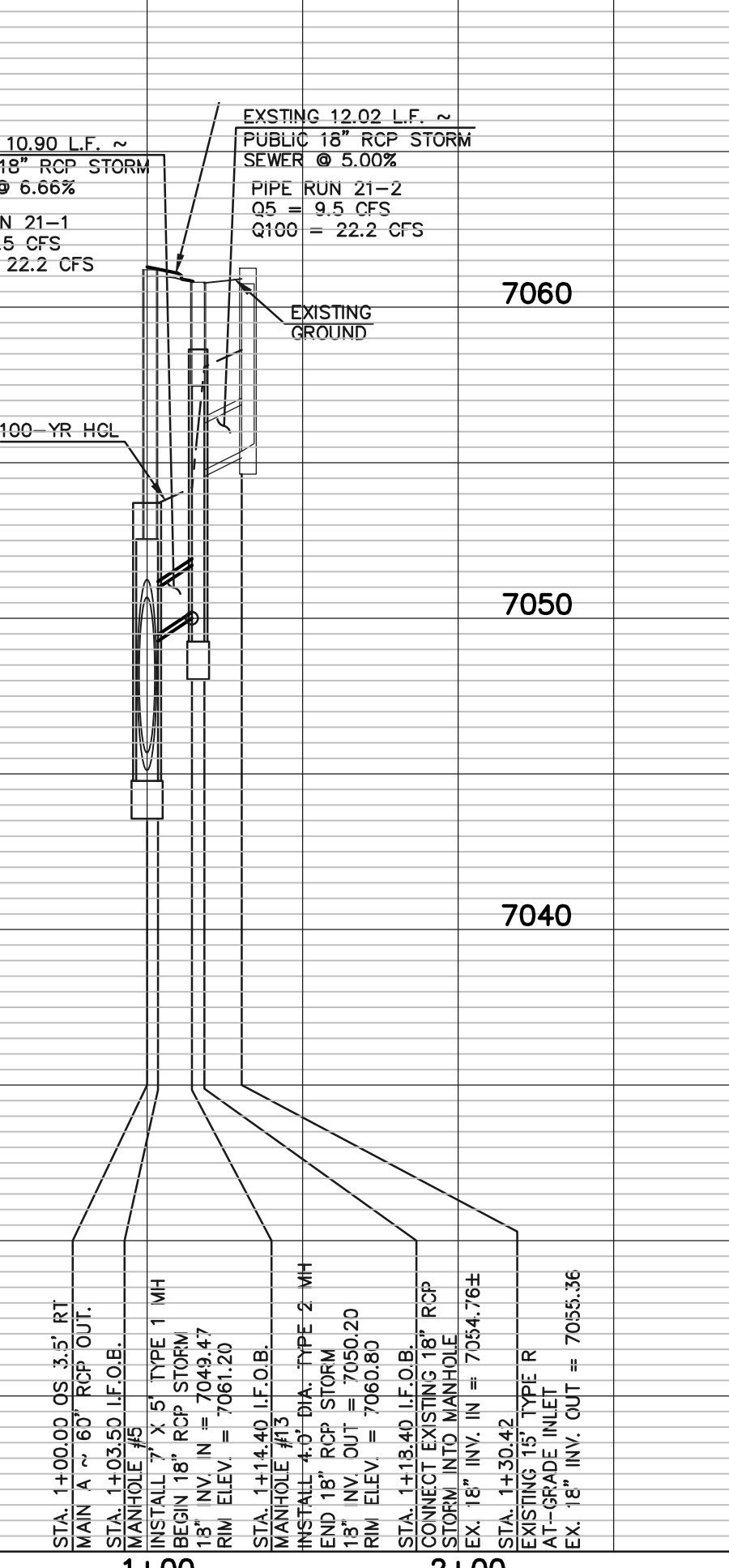
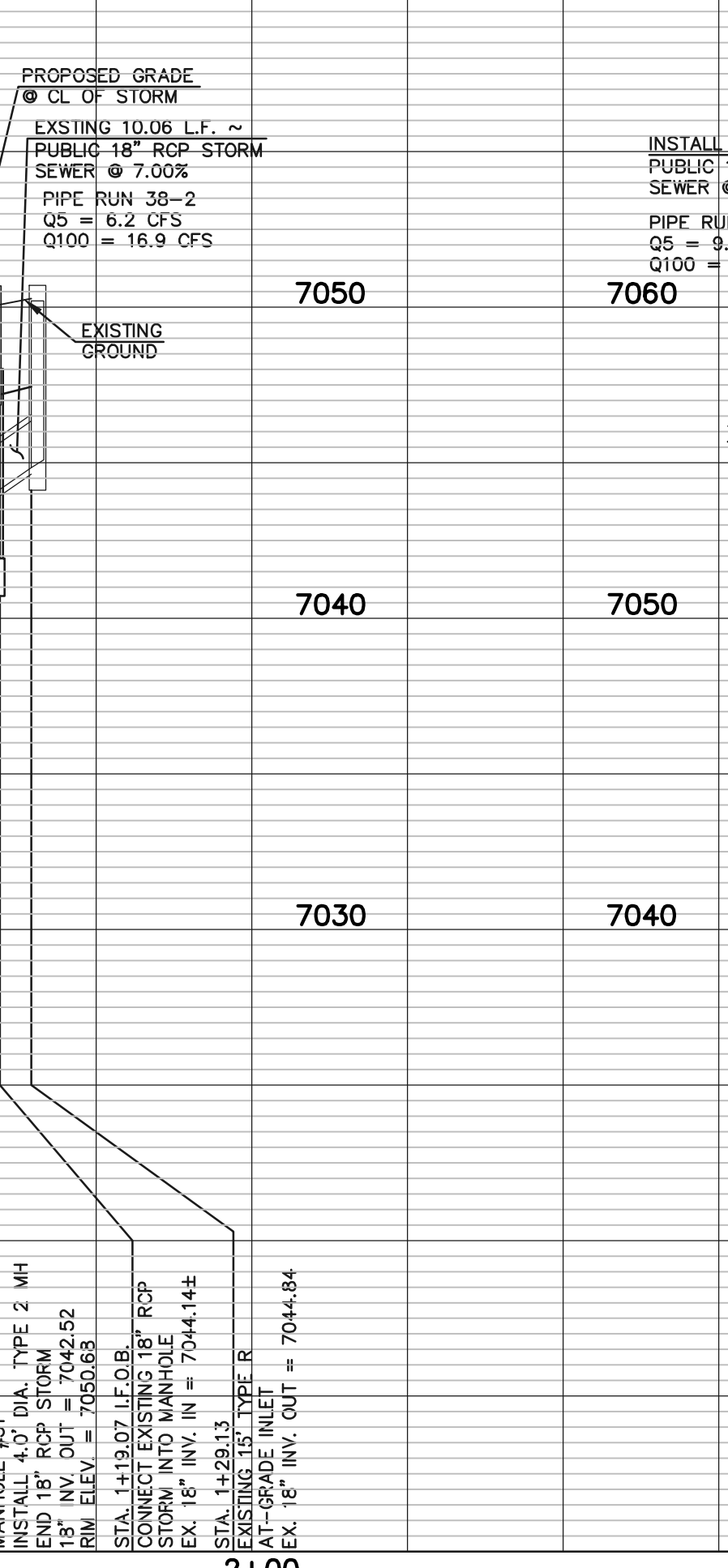
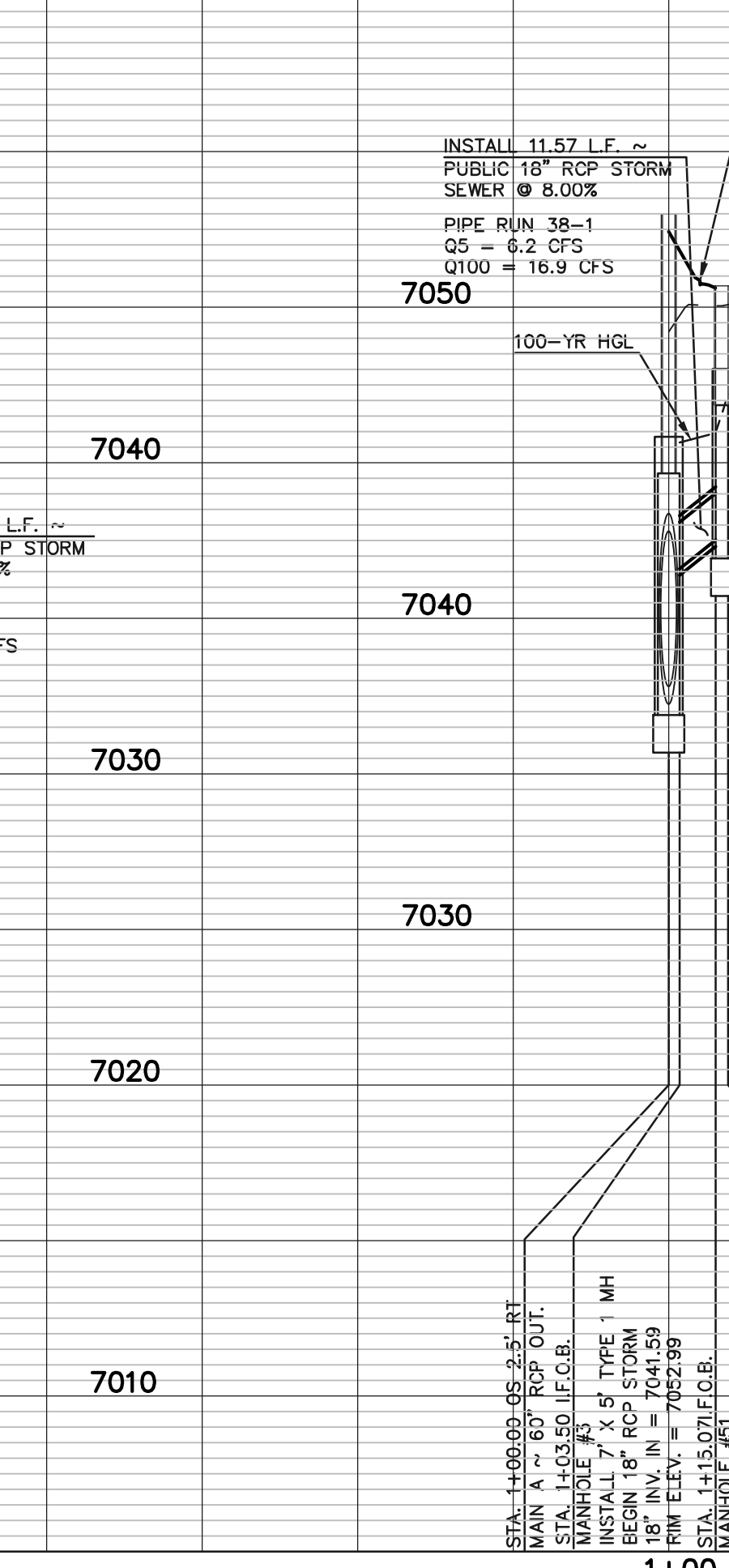
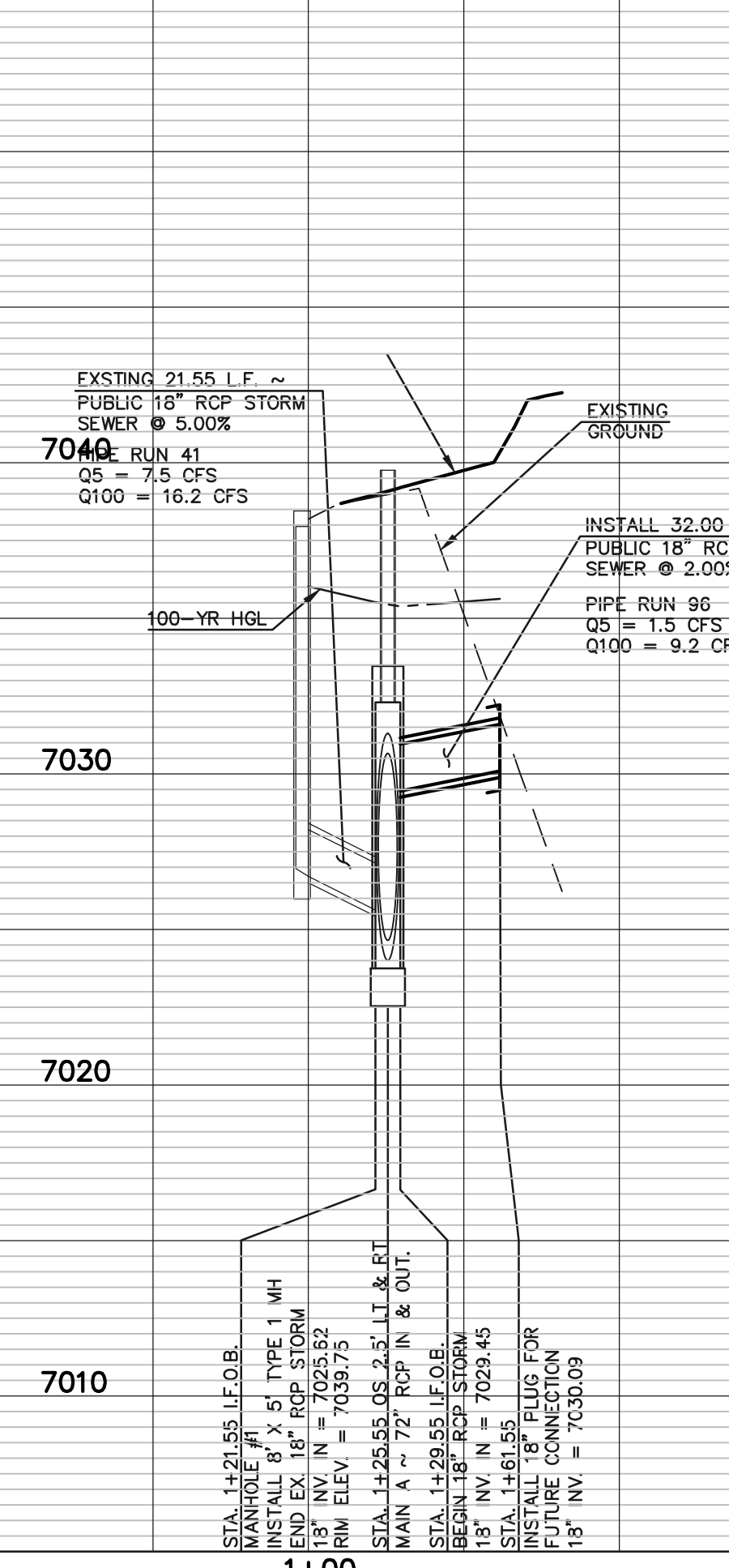
PUBLIC 24"/42" RCP STORM 'LATERAL A6'



PUBLIC 24"/30" RCP STORM 'LATERAL A7'

Line #	Length	Direction
L14	32.00	S13°40'40"E
L15	11.57	N13°40'40"W
L16	10.90	N38°42'01"W
L17	22.08	S76°31'31"E
L18	93.36	S13°28'27"W
L19	57.67	S13°28'29"W
L20	57.67	S13°28'29"W

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



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
	EXISTING GAS MAIN		EXISTING ELECTRIC

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CLASSIC CONSULTING

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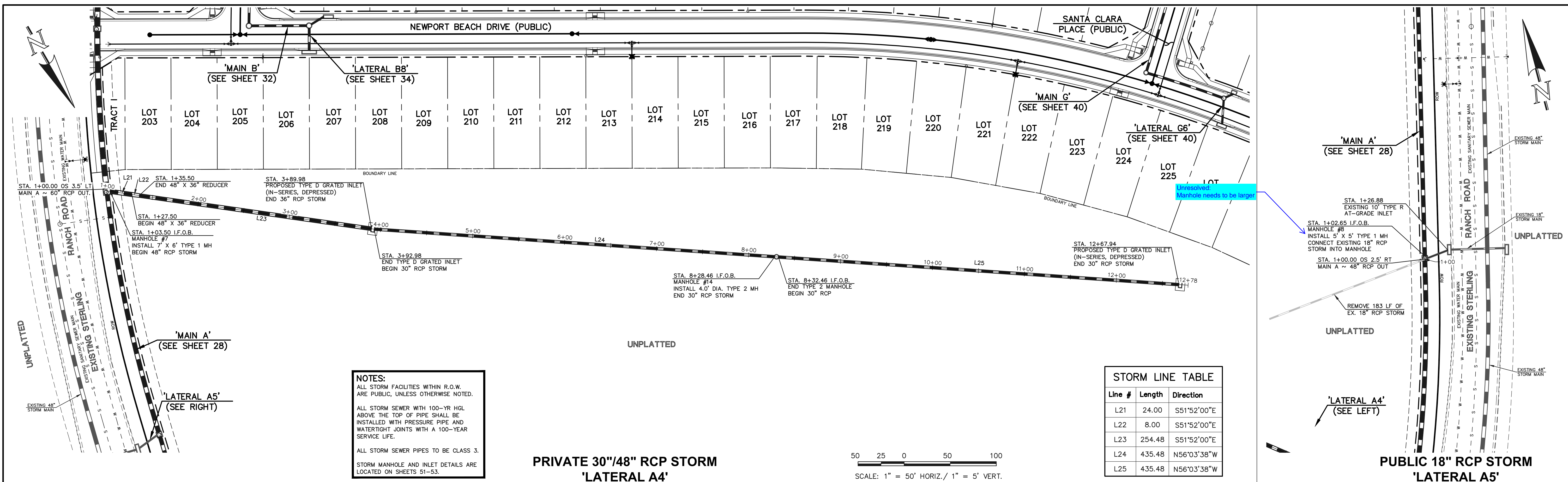
(719)785-0790
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STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC STORM SEWER PLAN
 LATERALS A1, A2, A3, A6 & A7

DESIGNED BY: MAL
 DRAWN BY: MES
 CHECKED BY: (V)

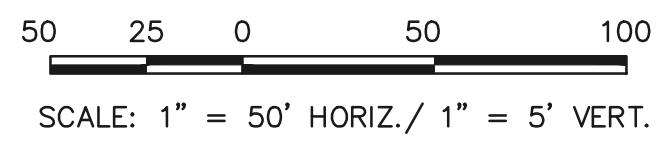
SCALE: (H) 1" = 50'
 (V) 1" = 5'

DATE: 08/31/22
 SHEET 30 OF 53
 JOB NO.: 1183.30



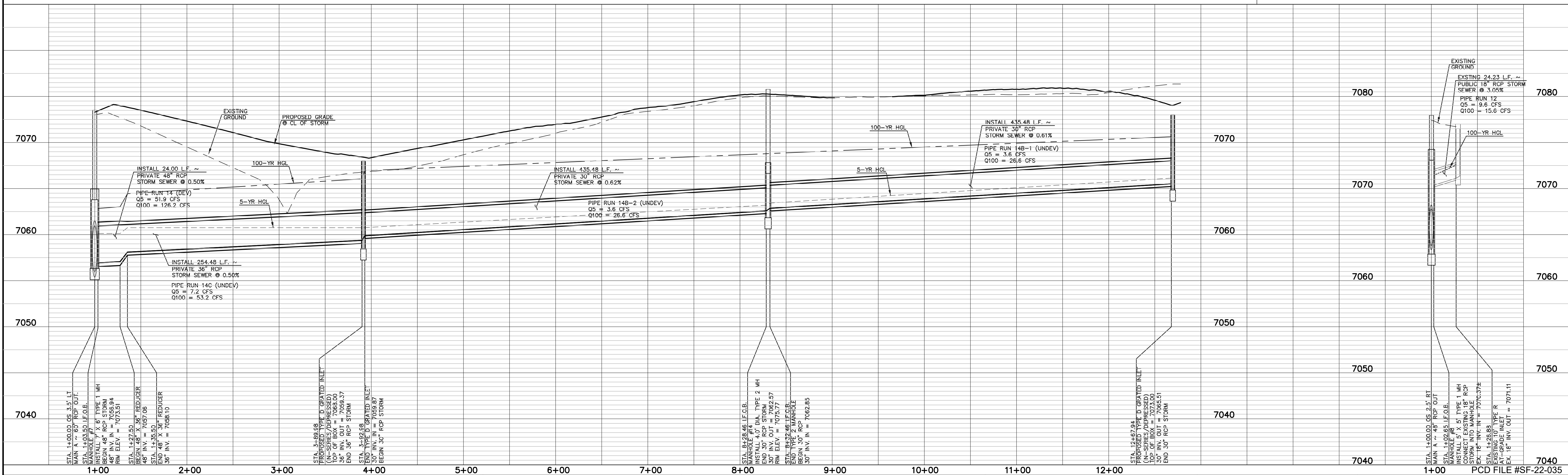
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PRIVATE 30"/48" RCP STORM 'LATERAL A4'



Line #	Length	Direction
L21	24.00	S51°52'00"E
L22	8.00	S51°52'00"E
L23	254.48	S51°52'00"E
L24	435.48	N56°03'38"W
L25	435.48	N56°03'38"W

PUBLIC 18" RCP STORM 'LATERAL A5'



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

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
PUBLIC STORM SEWER PLAN
LATERALS A4 & A5

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

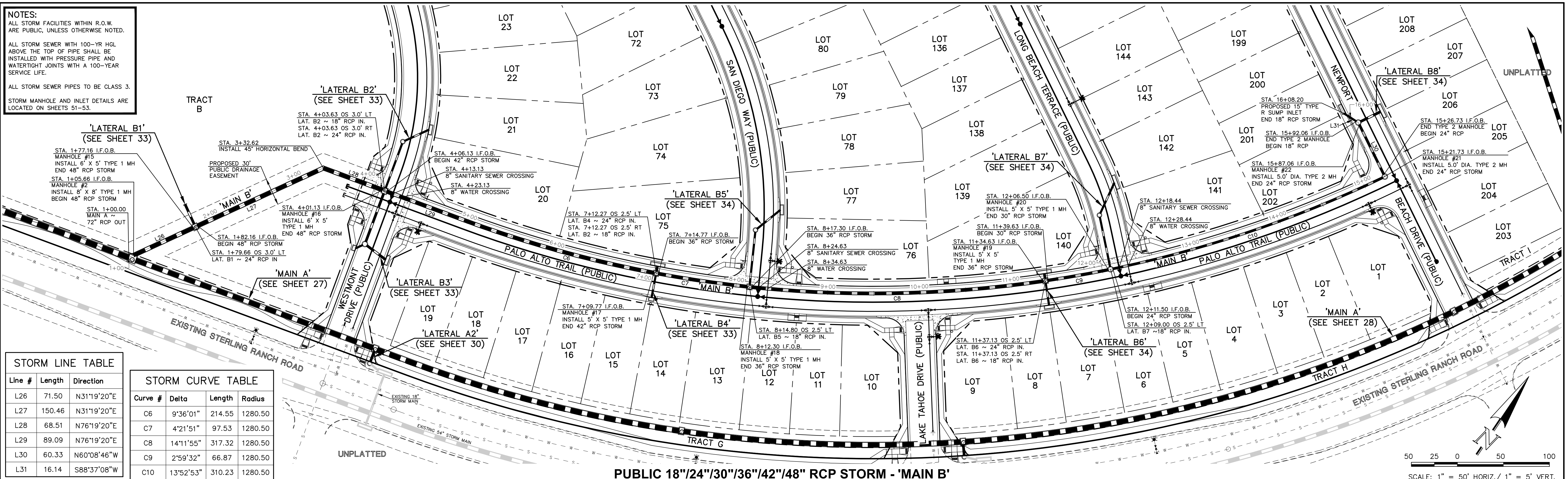
NOTES:
 ALL STORM FACILITIES WITHIN R.O.W. ARE PUBLIC, UNLESS OTHERWISE NOTED.
 ALL STORM SEWER WITH 100-YR HGL ABOVE THE TOP OF PIPE SHALL BE INSTALLED WITH PRESSURE PIPE AND WATER TIGHT JOINTS WITH A 100-YEAR SERVICE LIFE.
 ALL STORM SEWER PIPES TO BE CLASS 3.
 STORM MANHOLE AND INLET DETAILS ARE LOCATED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

STORM LINE TABLE

Line #	Length	Direction
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

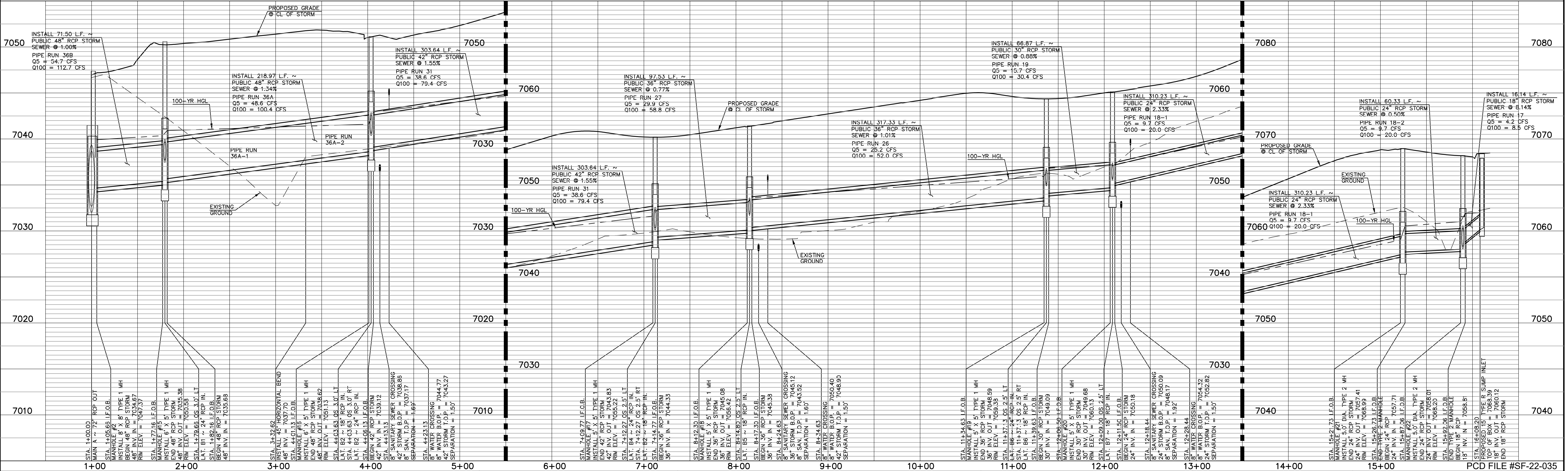
STORM CURVE TABLE

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



PUBLIC 18"/24"/30"/36"/42"/48" RCP STORM - 'MAIN B'

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



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
	EXISTING GAS MAIN		EXISTING ELECTRIC

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

CLASSIC CONSULTING

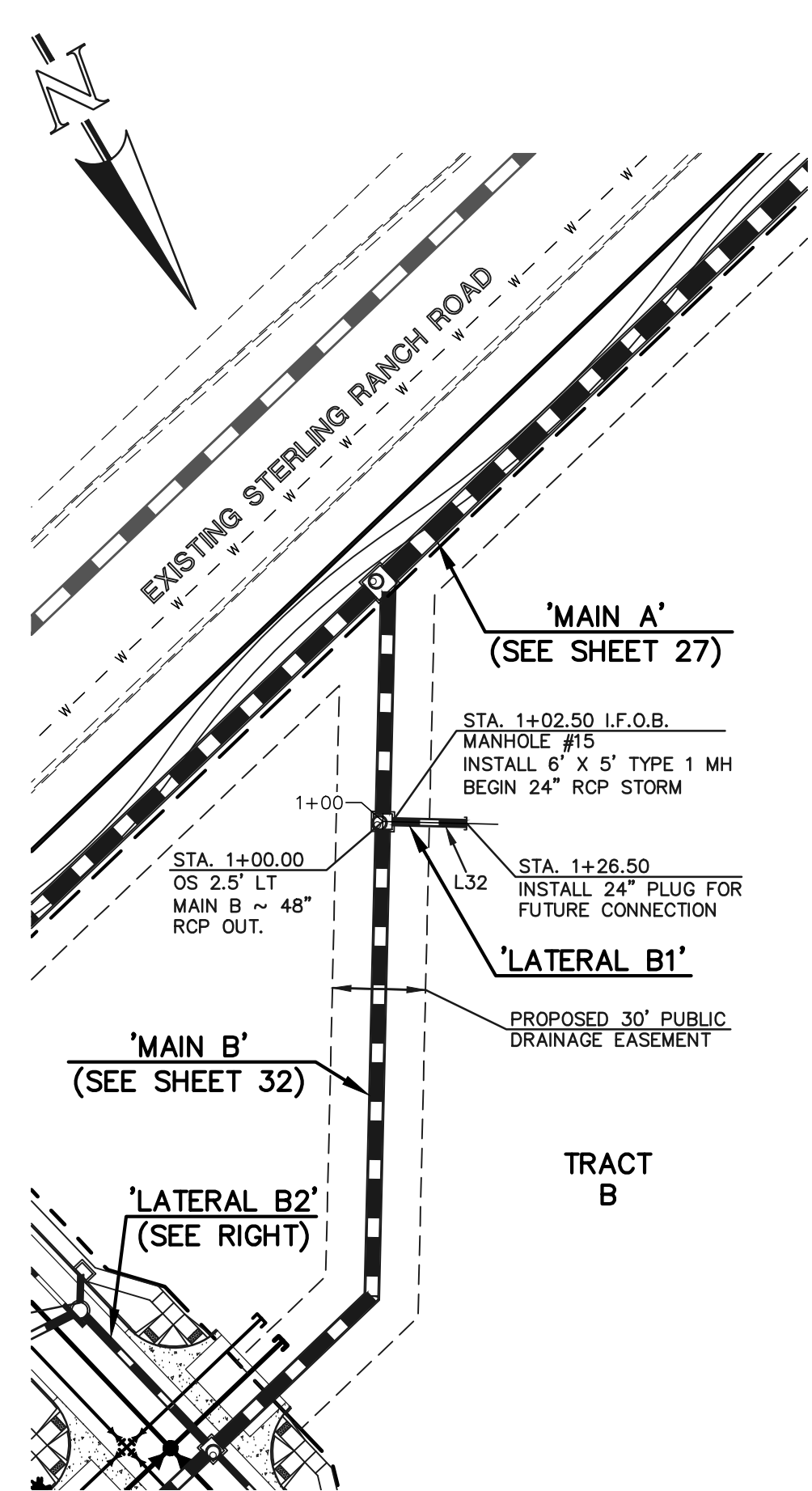
STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC STORM SEWER PLAN
 "MAIN B" STA: 1+00 - END

DESIGNED BY: MAL
 DRAWN BY: MES
 CHECKED BY: (V)

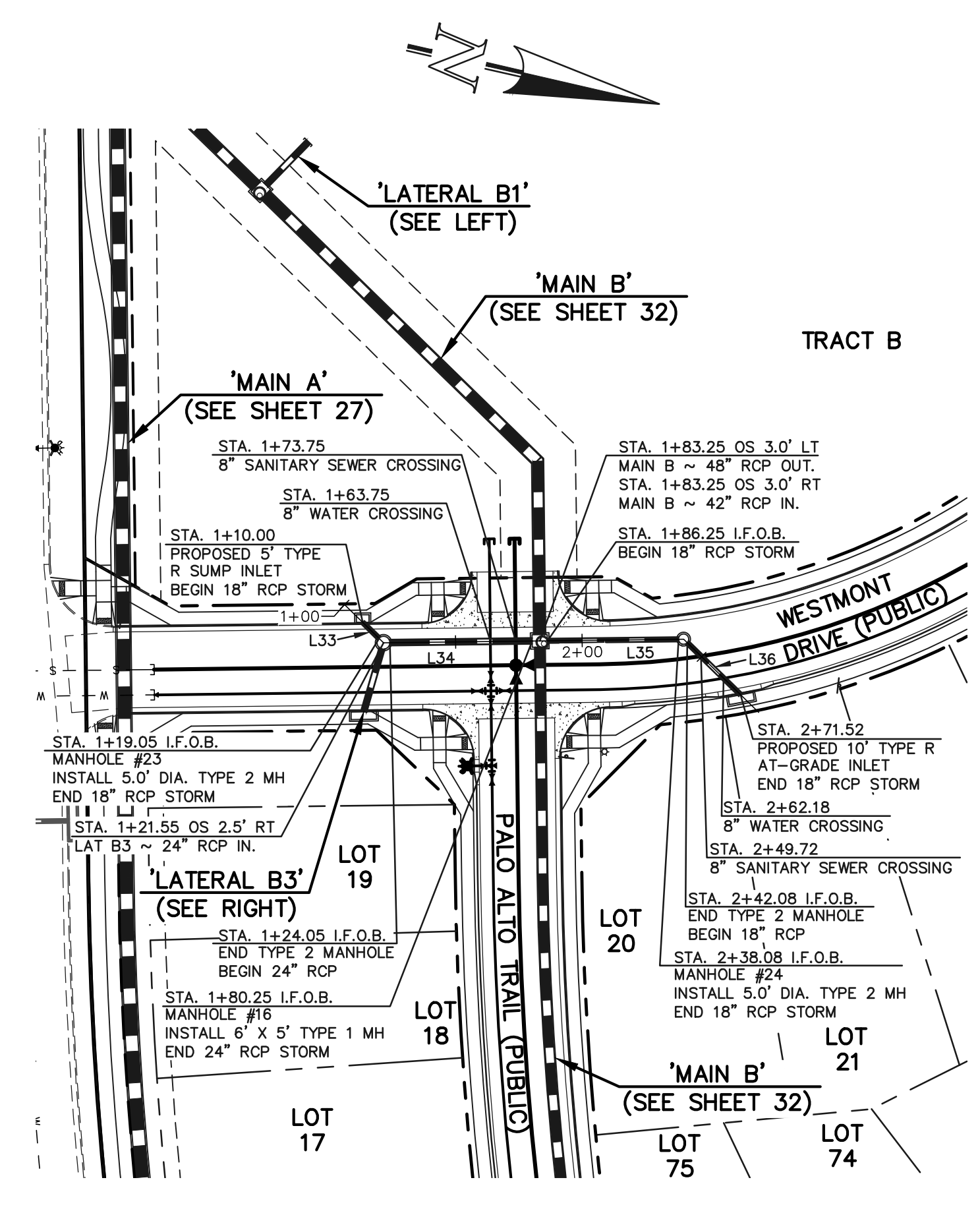
SCALE: (H) 1" = 50'
 (V) 1" = 5'

DATE: 08/31/22
 SHEET 32 OF 53
 JOB NO. 1183.30

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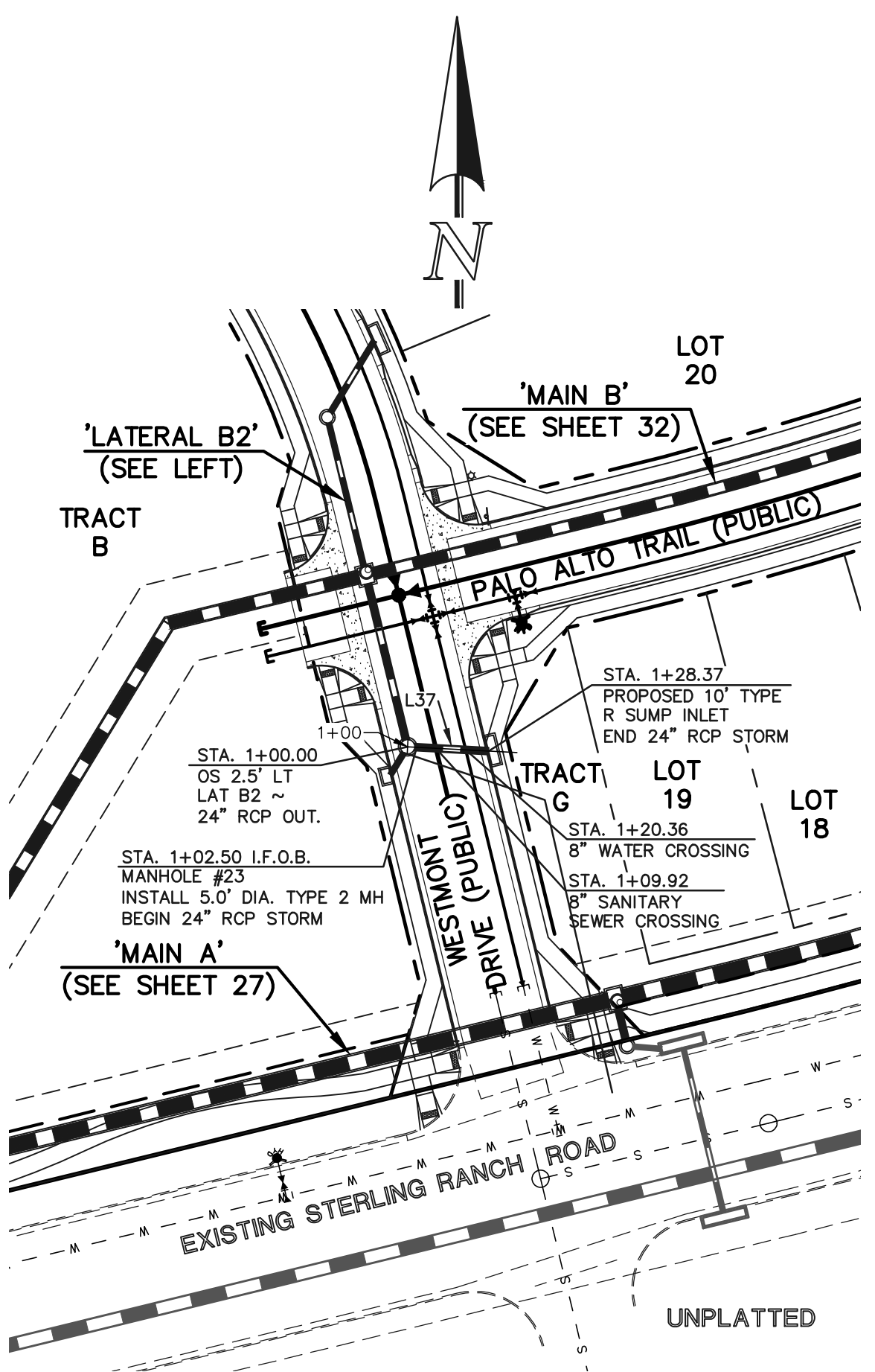
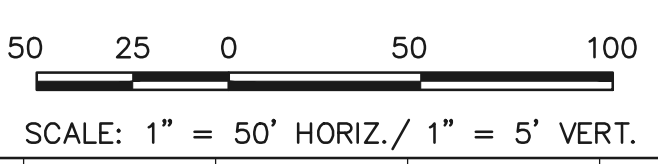
PRIVATE 24" RCP STORM
'LATERAL B1'



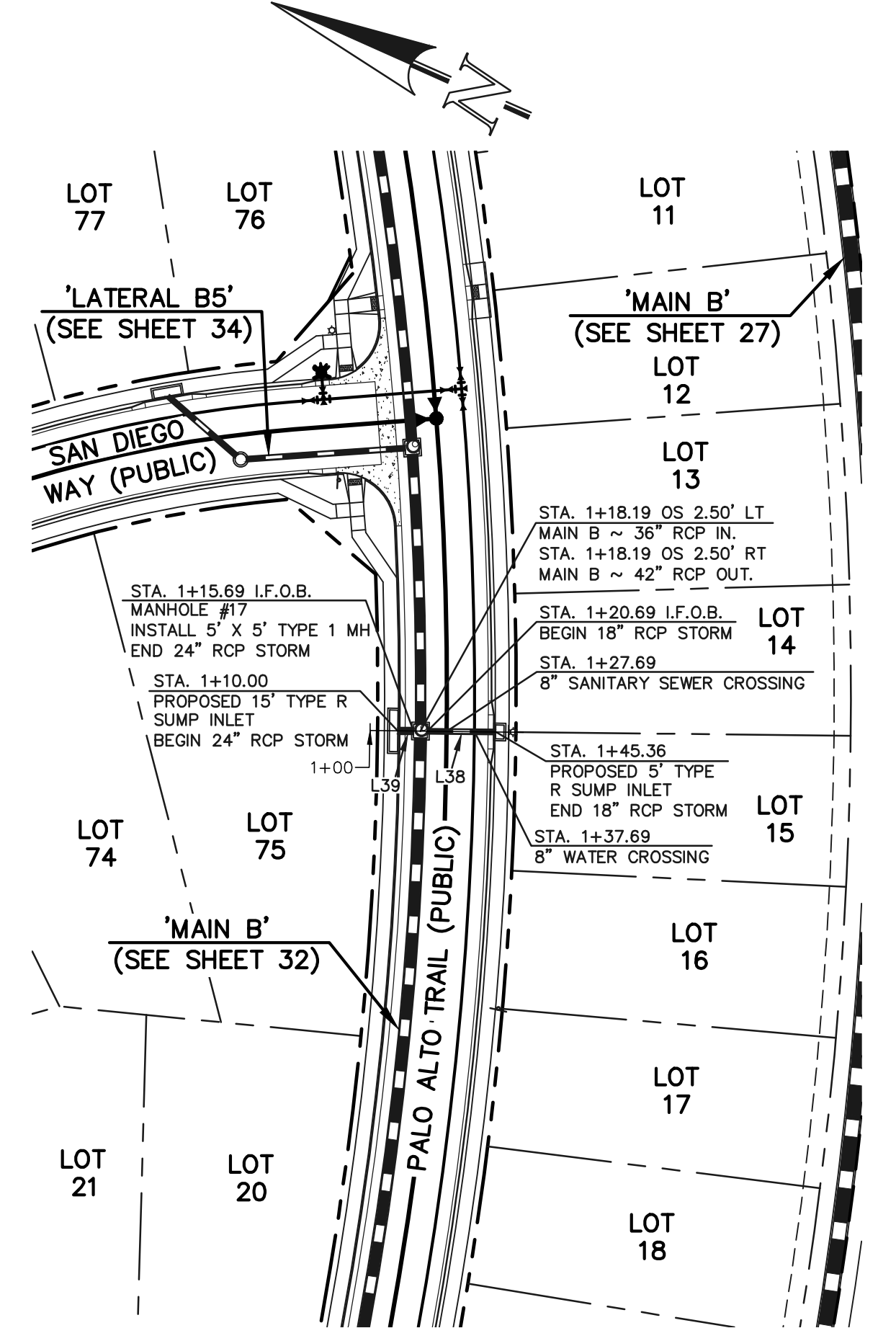
PUBLIC 18"/24" RCP STORM
'LATERAL B2'

Line #	Length	Direction
L32	24.00	S58°40'40"E
L33	9.05	N31°19'20"E
L34	56.20	S13°40'40"E
L35	51.83	S13°40'40"E
L36	29.44	S31°19'20"W
L37	25.87	S86°56'46"E
L38	24.67	N23°23'23"W
L39	5.69	N23°23'23"W

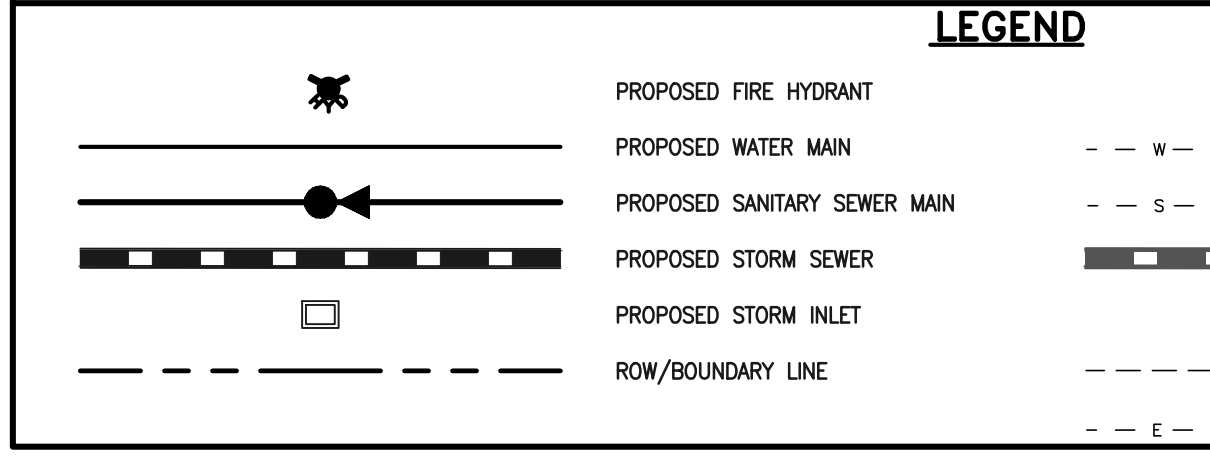
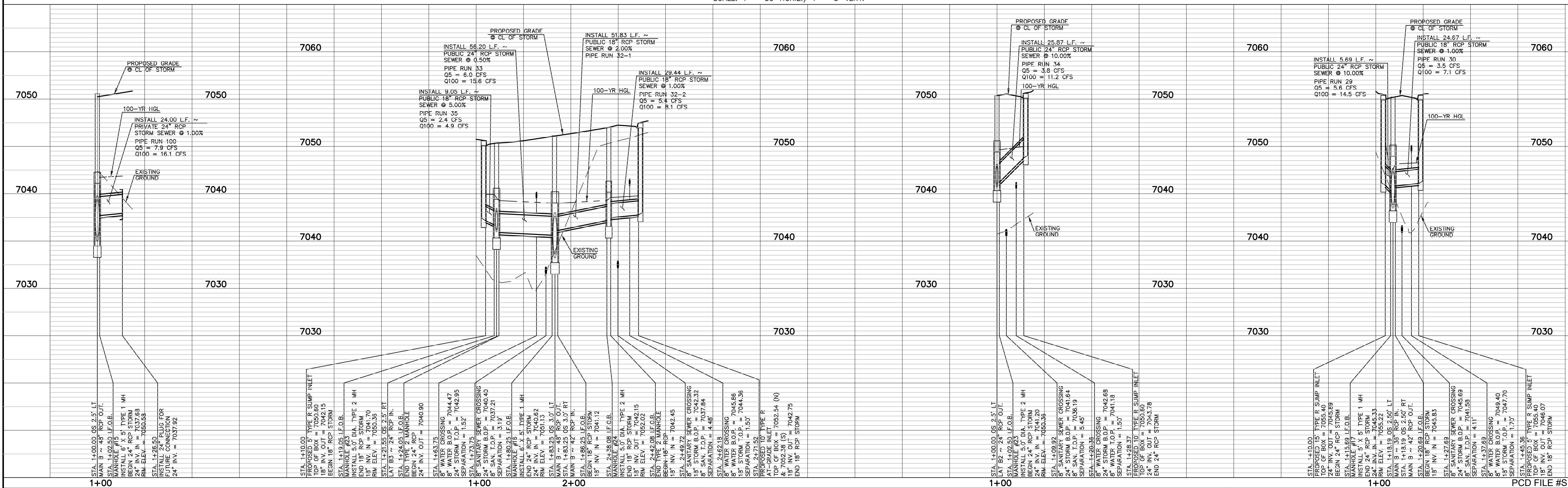
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PUBLIC 24" RCP STORM
'LATERAL B3'



PUBLIC 18"/24" RCP STORM
'LATERAL B4'



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NO.	REVISION	DATE

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

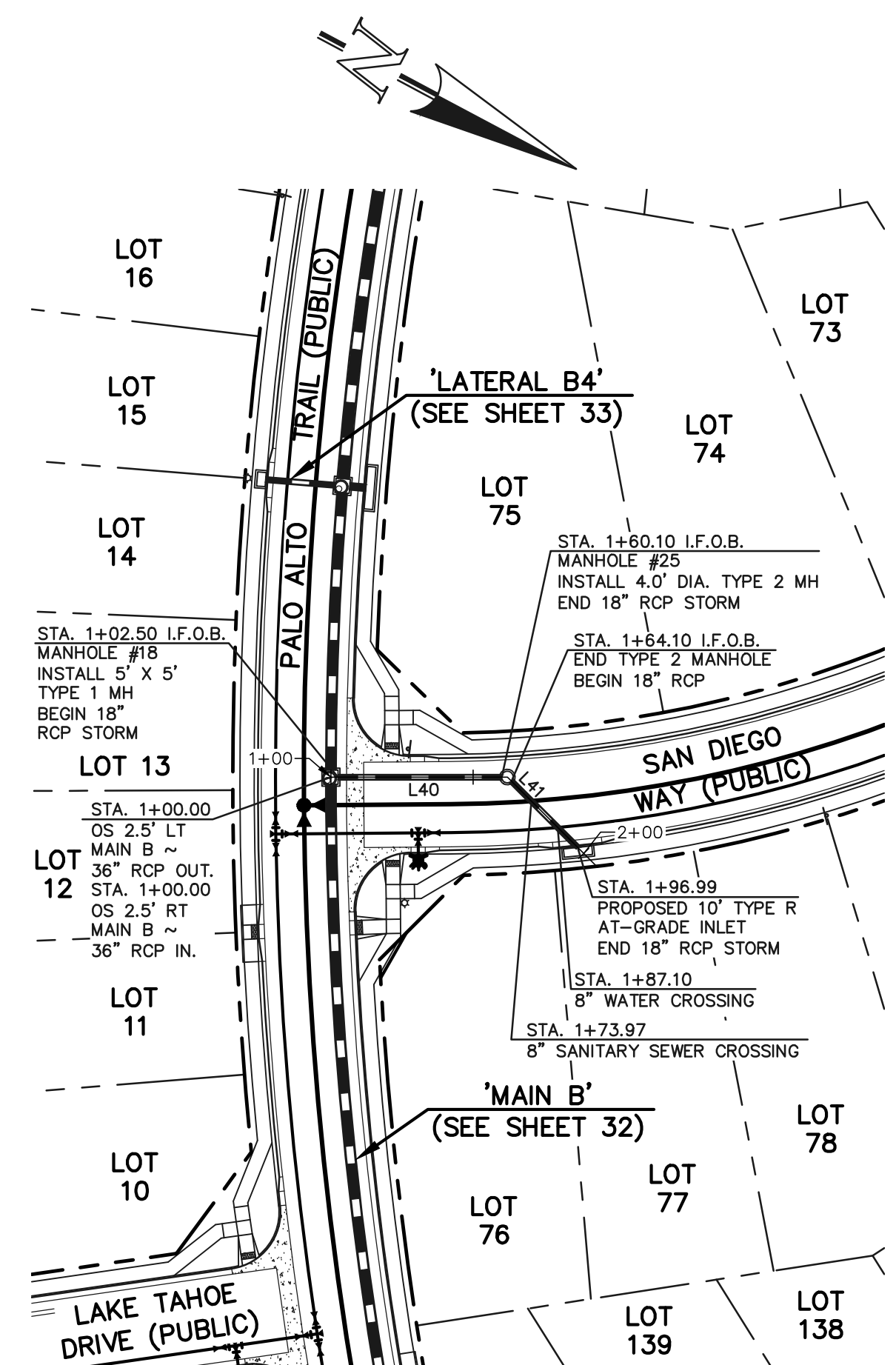
KYLE R. CAMPBELL, COLORADO P.E. #29794

CLASSIC CONSULTING

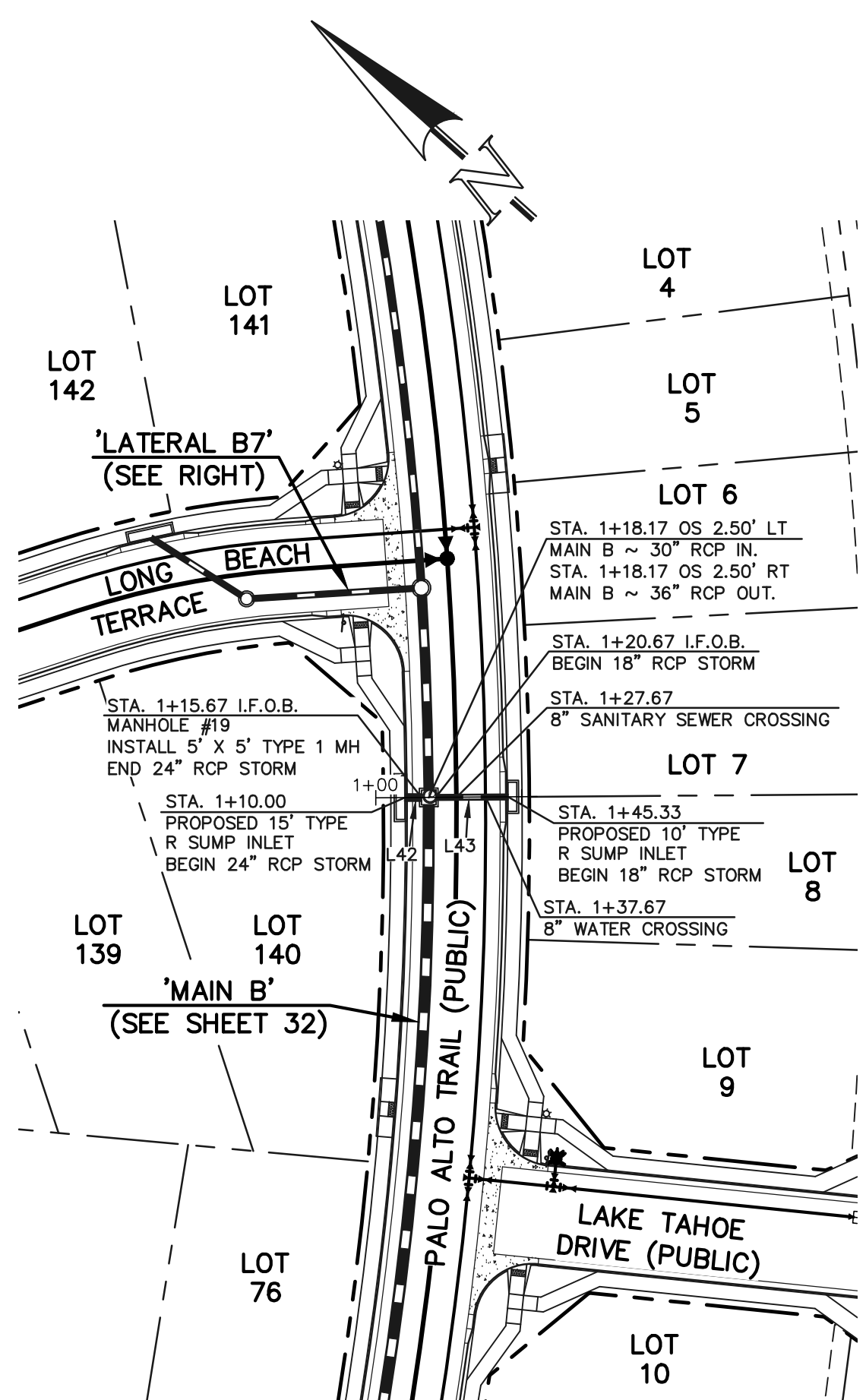
619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903

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DESIGNED BY	MAL	SCALE	DATE
DATE			08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET 33 OF 53
CHECKED BY		(V) 1" = 5'	JOB NO. 1183.30



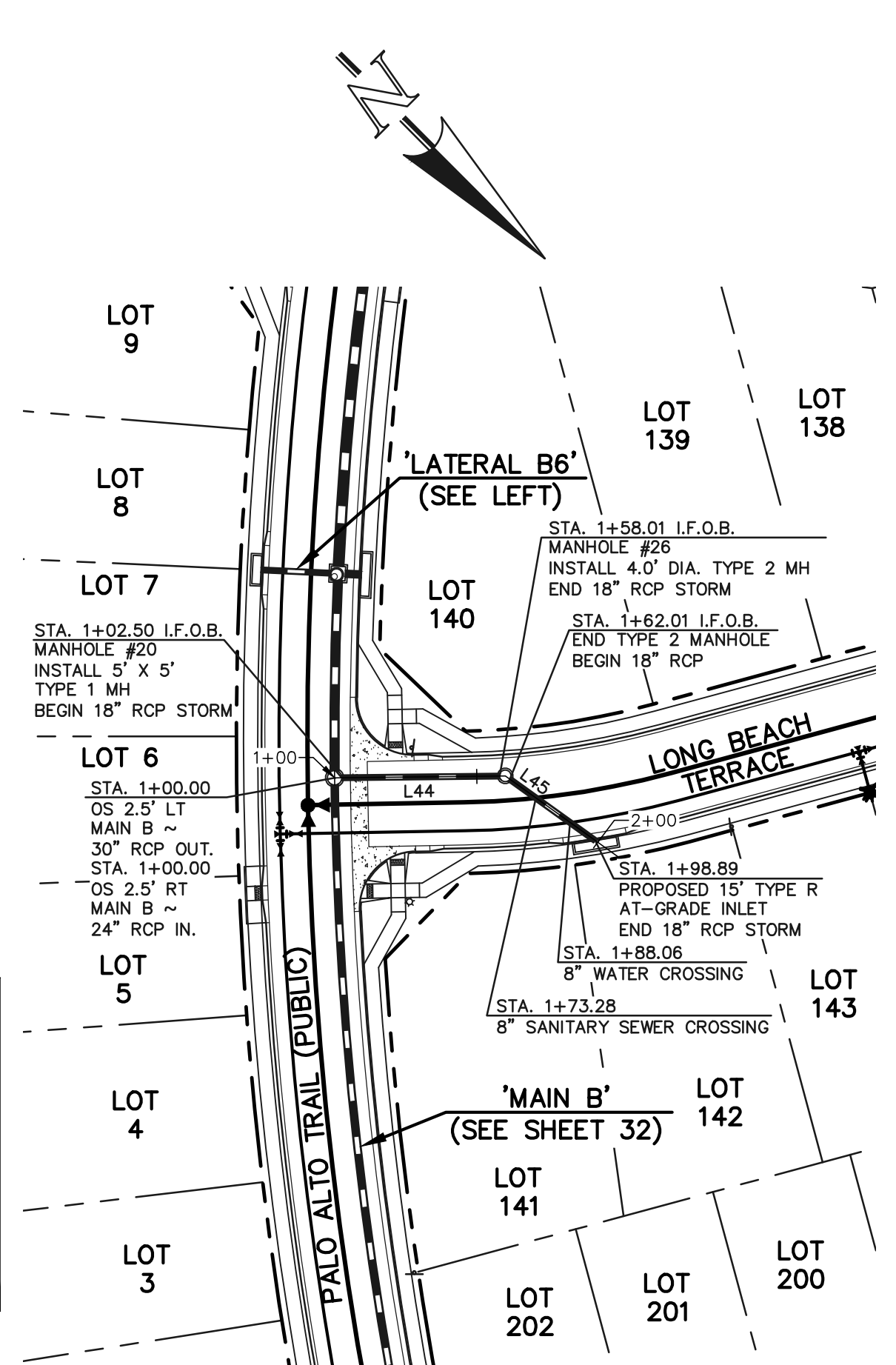
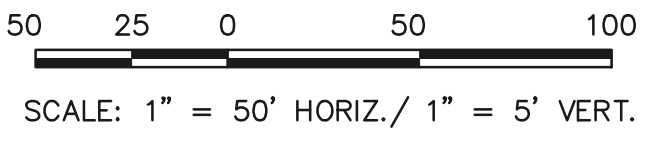
**PUBLIC 18" RCP STORM
'LATERAL B5'**



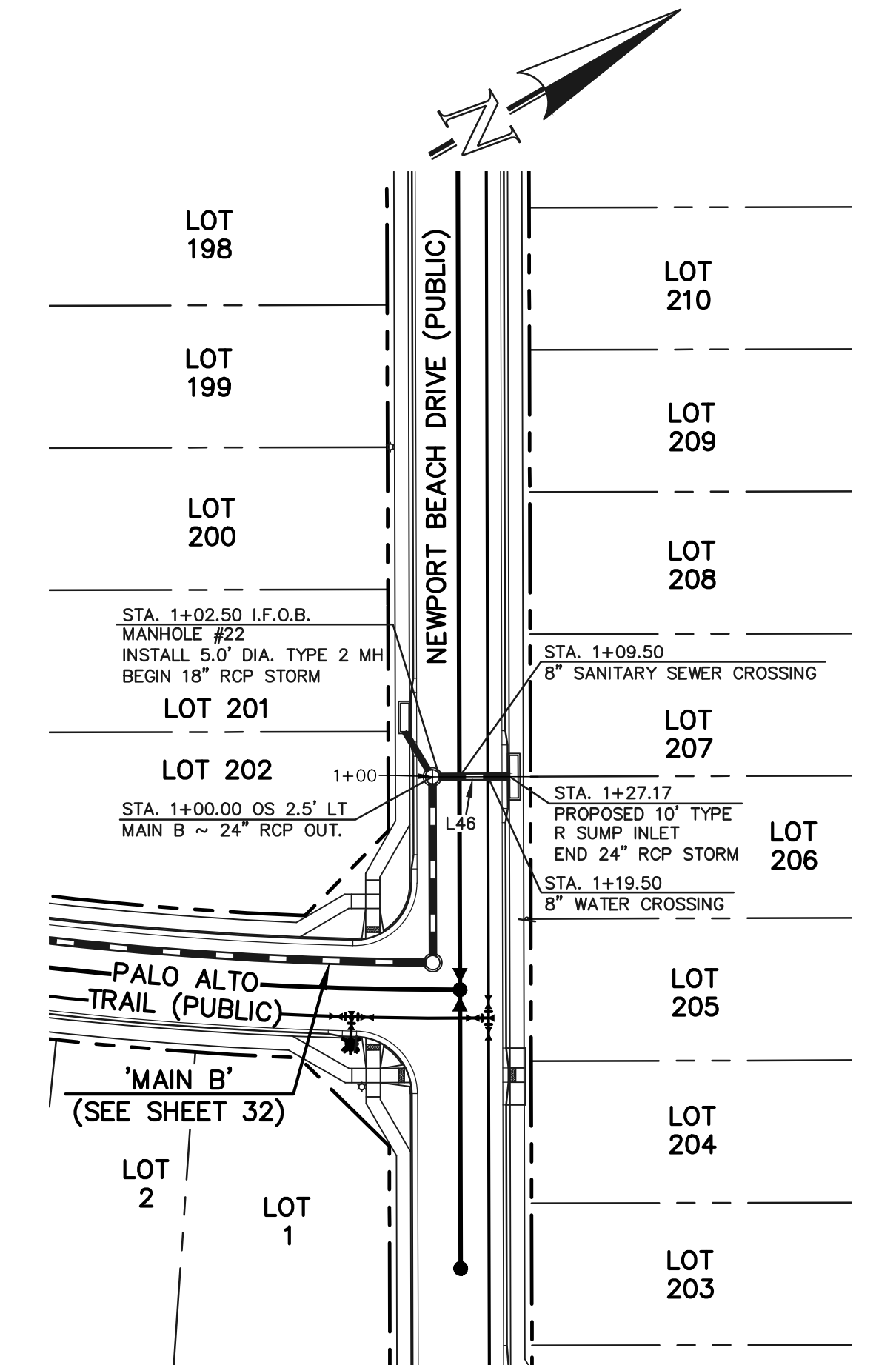
**PUBLIC 18"/24" RCP STORM
'LATERAL B6'**

Line #	Length	Direction
L40	57.60	S27°58'40"E
L41	32.89	S17°01'20"W
L42	5.67	N42°24'00"W
L43	24.67	N42°24'00"W
L44	55.51	S45°36'57"E
L45	36.88	S09°20'15"E
L46	24.67	S29°51'14"W

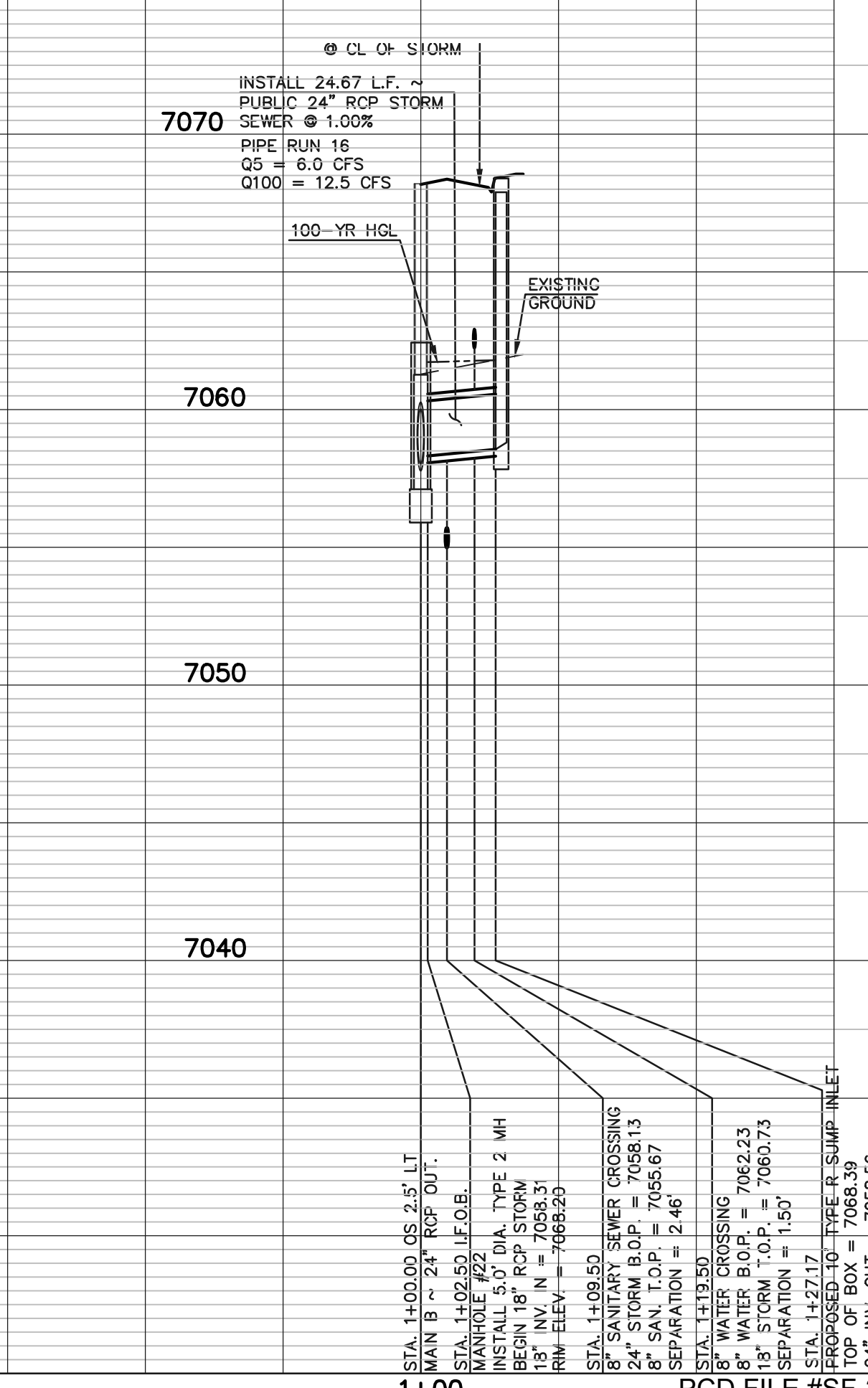
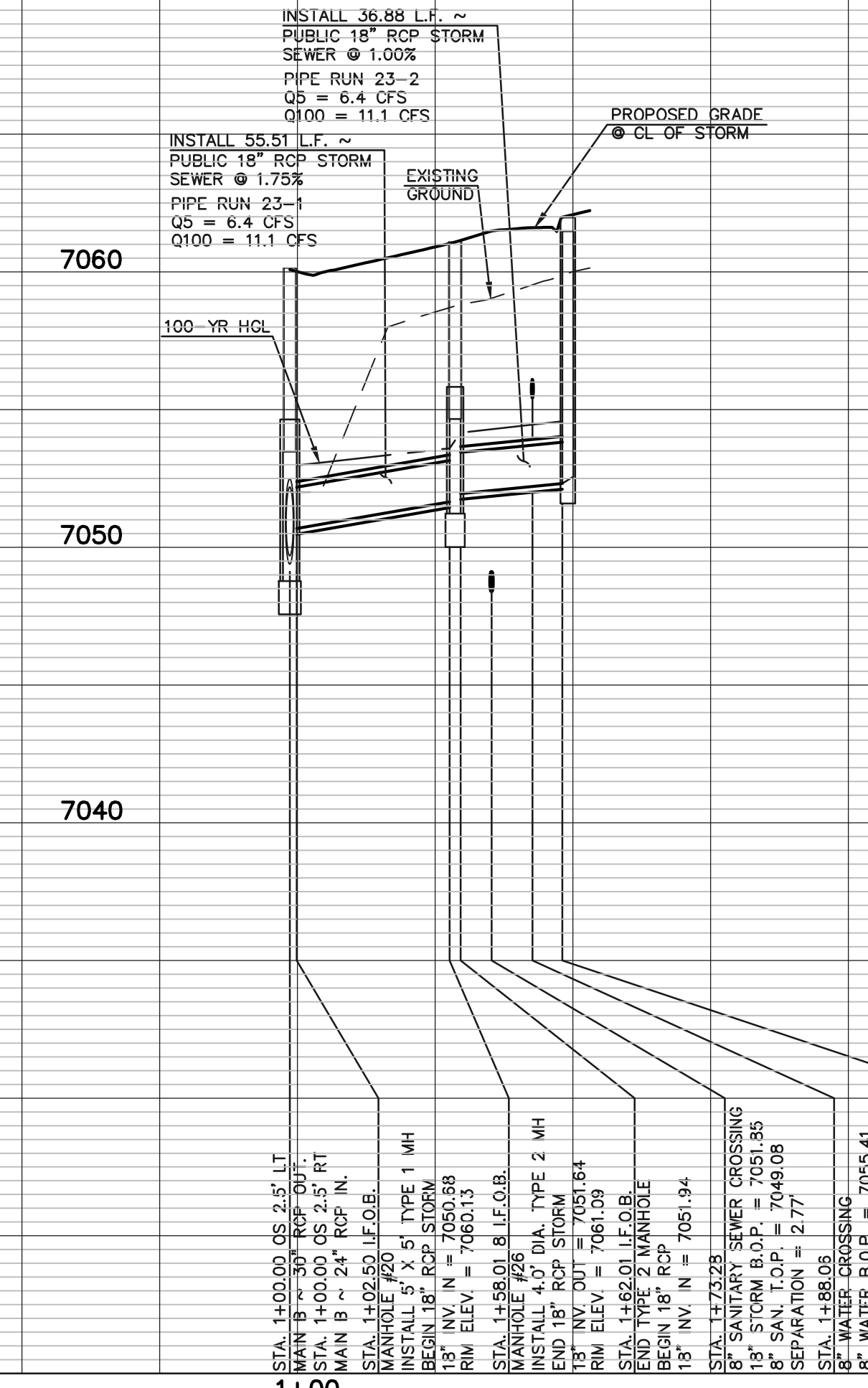
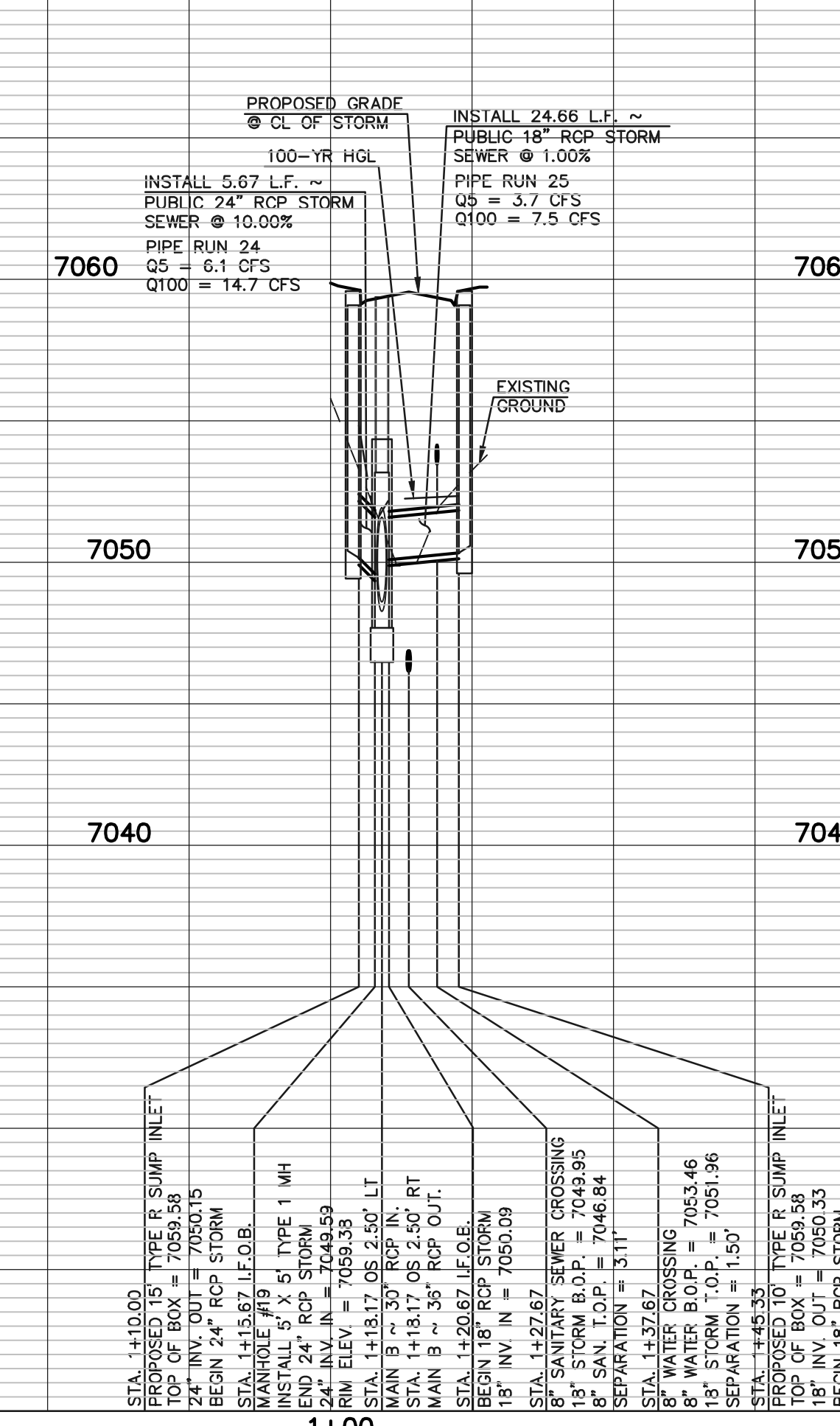
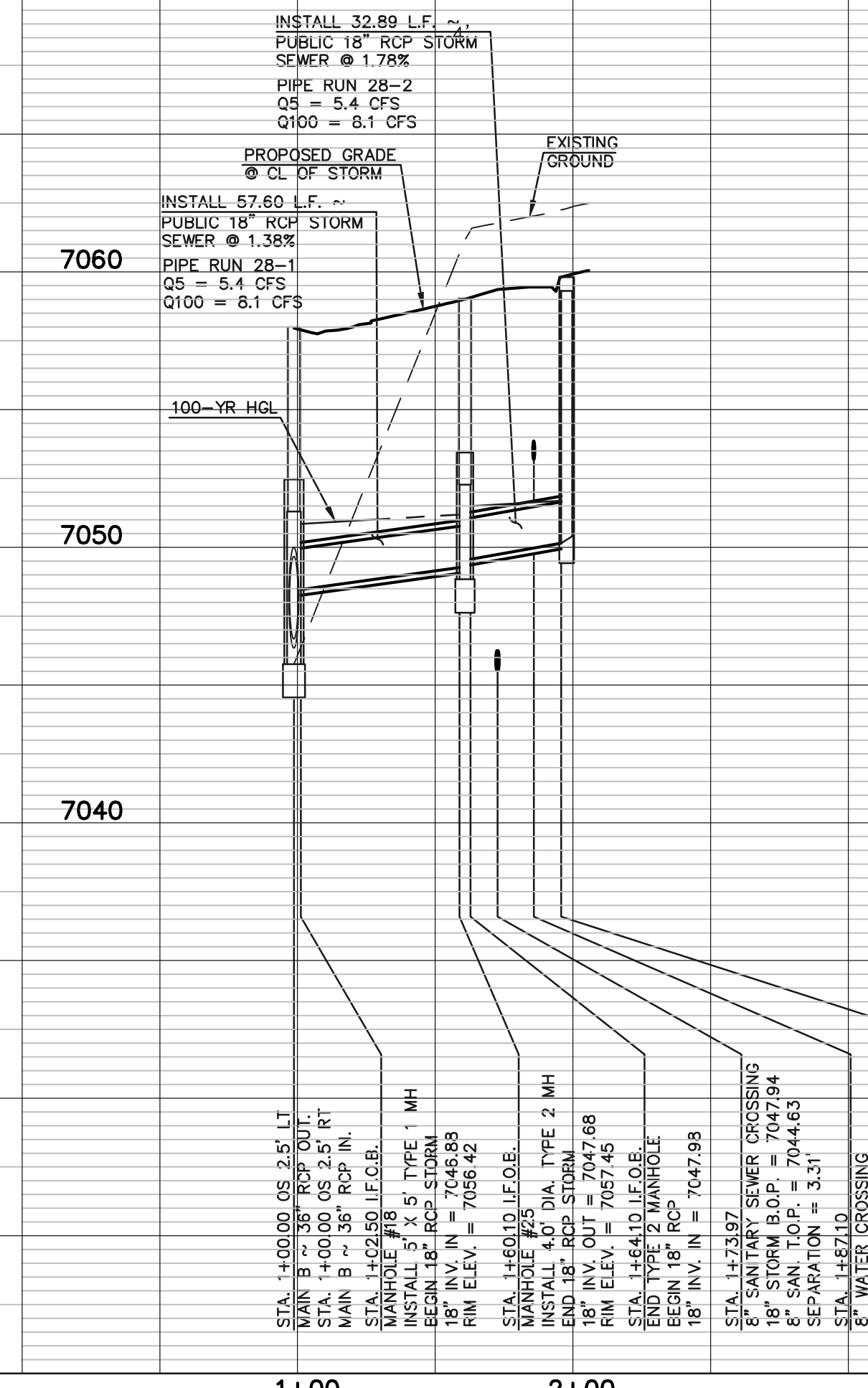
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**PUBLIC 18" RCP STORM
'LATERAL B7'**



**PUBLIC 24" RCP STORM
'LATERAL B8'**



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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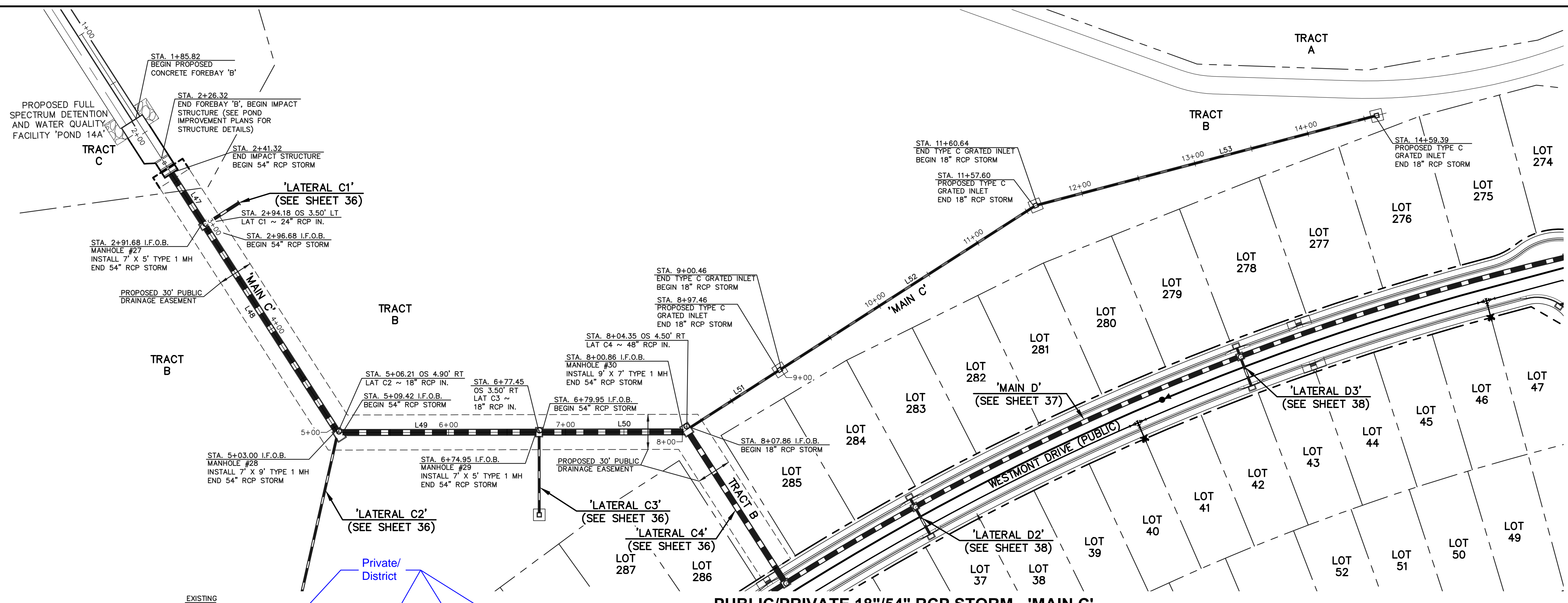
NO. REVISION	DATE	REVIEW:

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

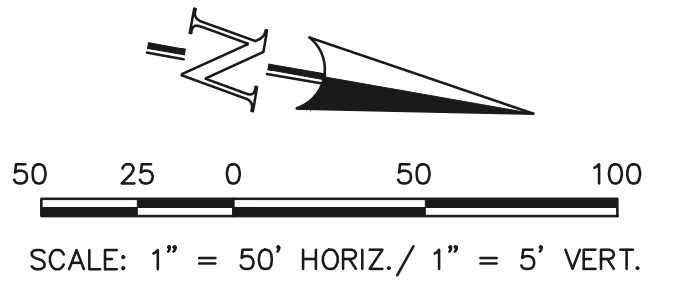
**STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS**
 PUBLIC STORM SEWER PLAN
 LATERALS B5, B6, B7 & B8

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	34 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	

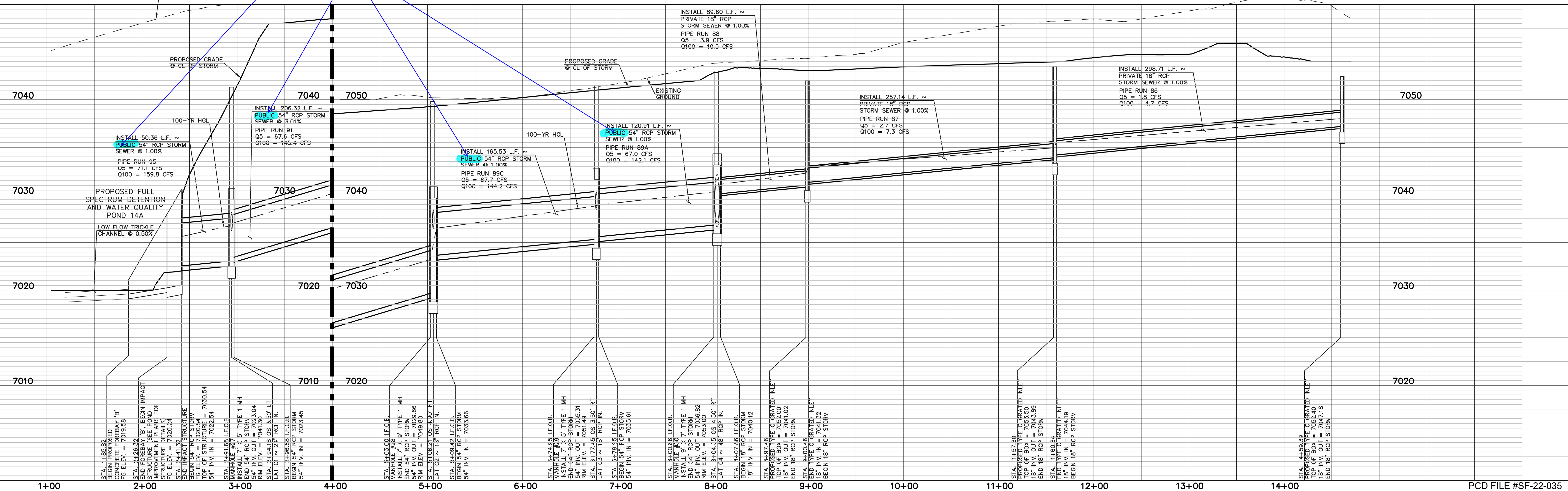


Line #	Length	Direction
L47	50.36	S47°15'57\"W
L48	206.32	S47°15'57\"W
L49	165.53	S10°06'57\"E
L50	120.91	S10°06'57\"E
L51	89.61	S42°44'03\"E
L52	257.14	S42°44'03\"E
L53	298.71	S24°47'01\"E

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



PUBLIC/PRIVATE 18\"/>



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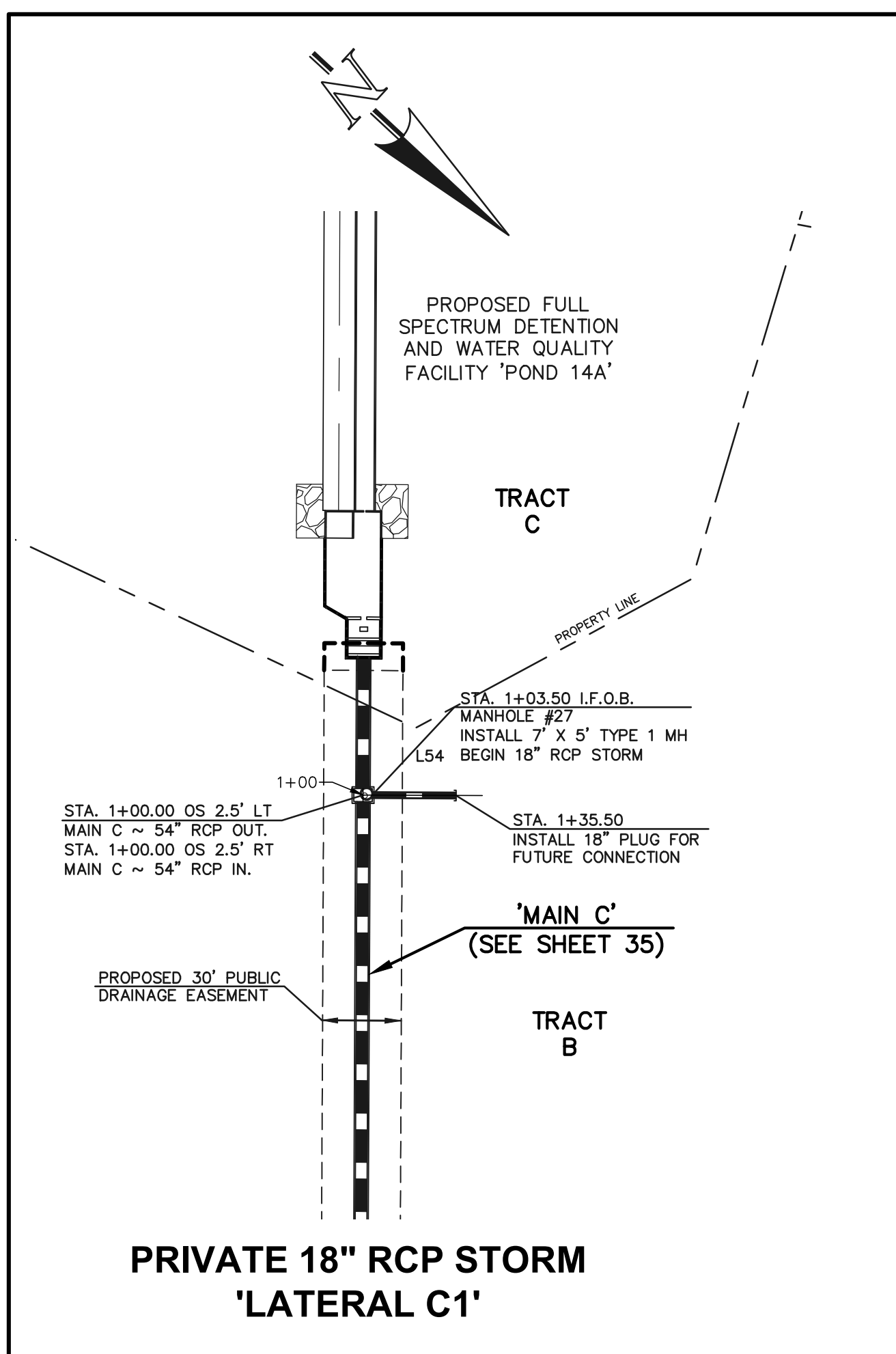
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KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

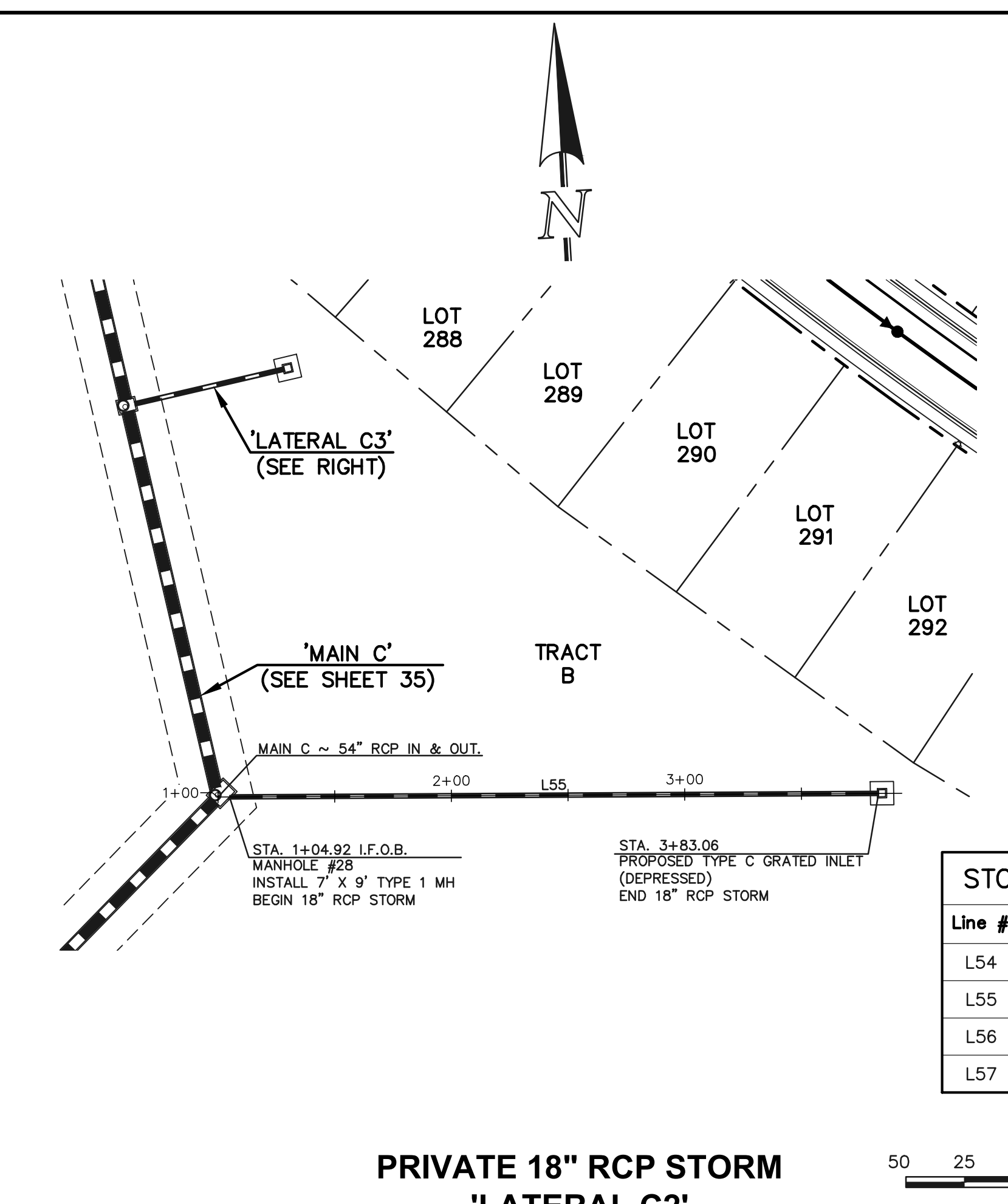
STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC STORM SEWER PLAN
 "MAIN C" STA: 1+00 - END

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	35 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	

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



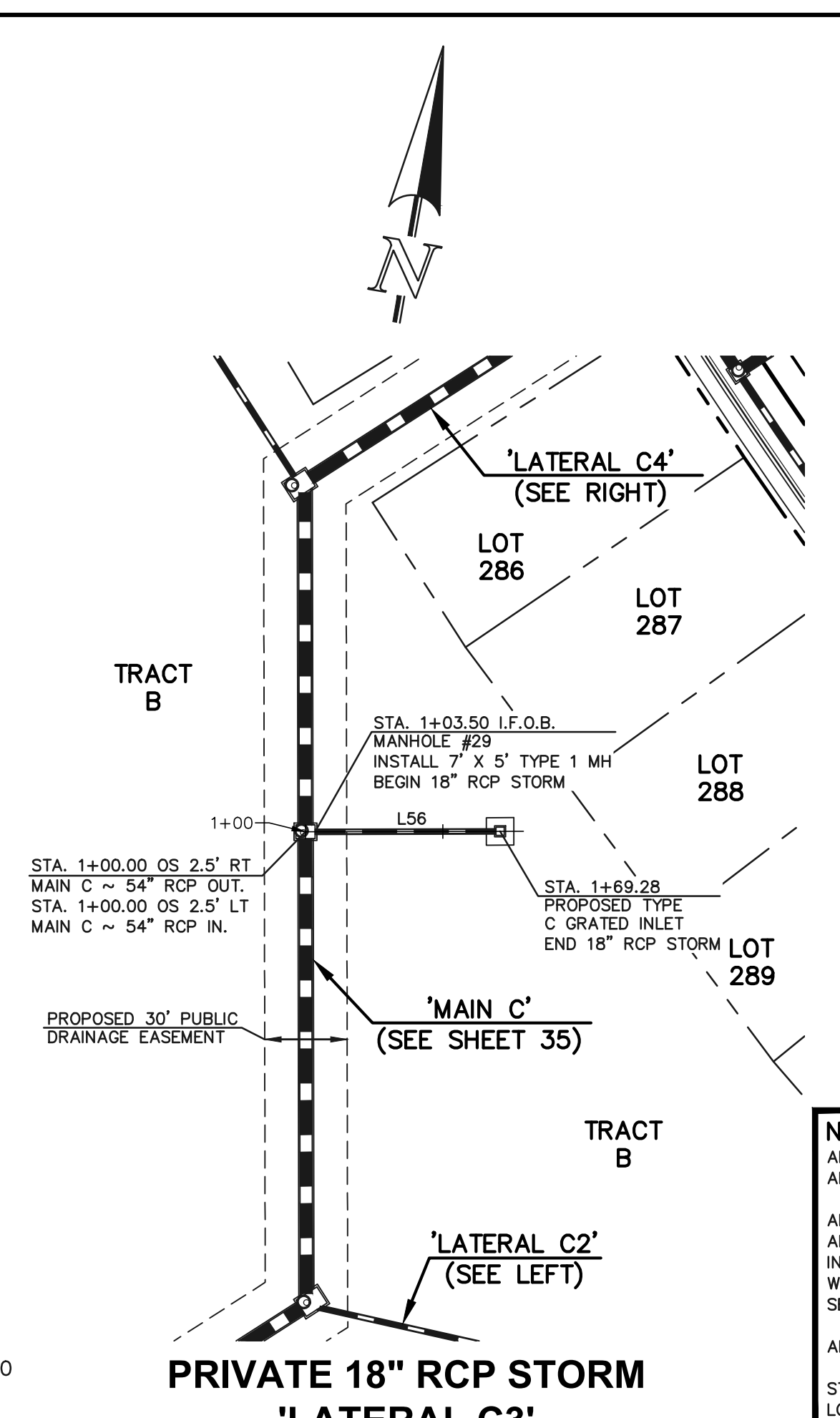
PRIVATE 18" RCP STORM
'LATERAL C1'



PRIVATE 18" RCP STORM
'LATERAL C2'

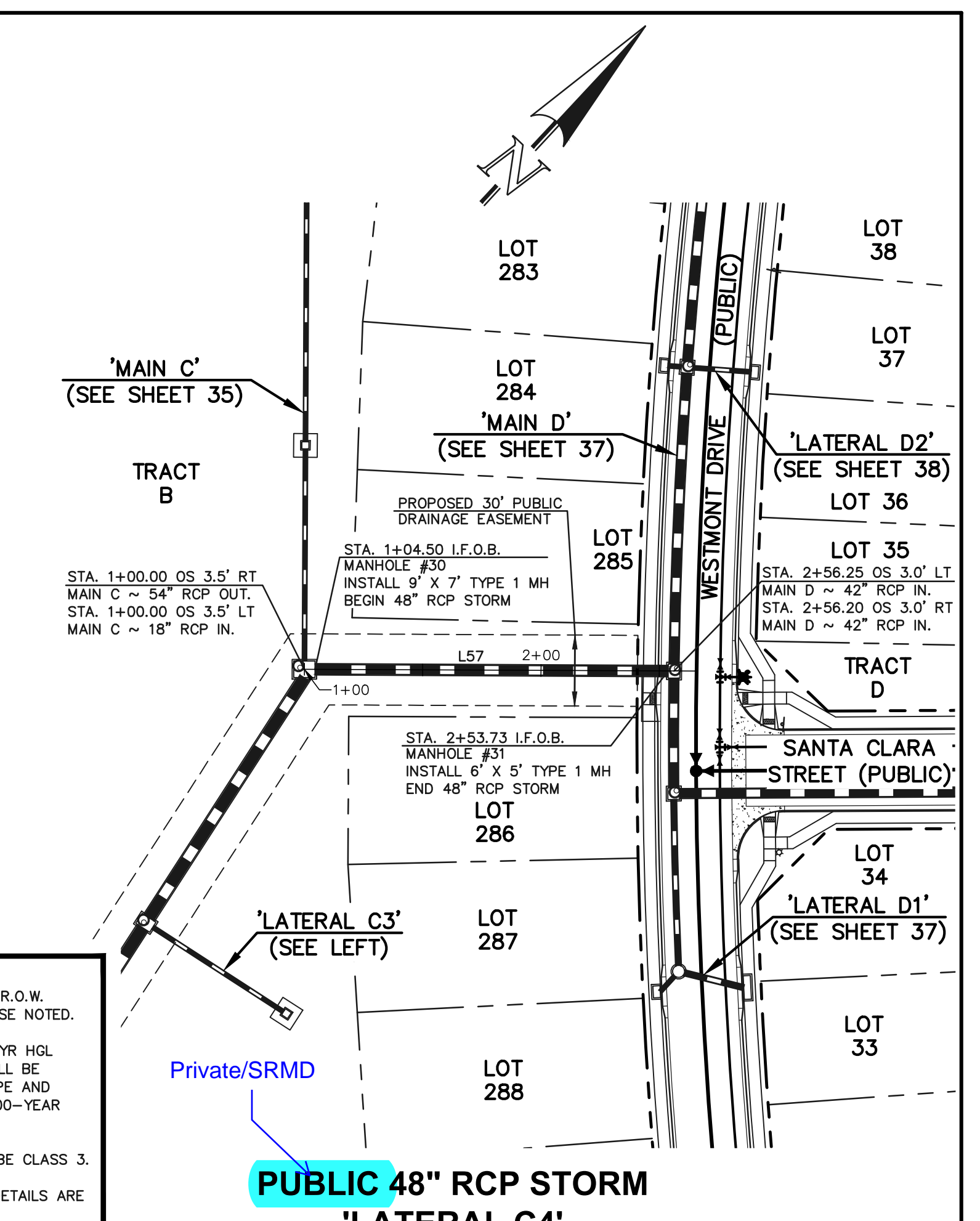
Line #	Length	Direction
L54	32.00	N42°44'03"W
L55	278.13	S87°19'14"E
L56	65.78	S79°53'03"W
L57	149.23	N47°15'57"E

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

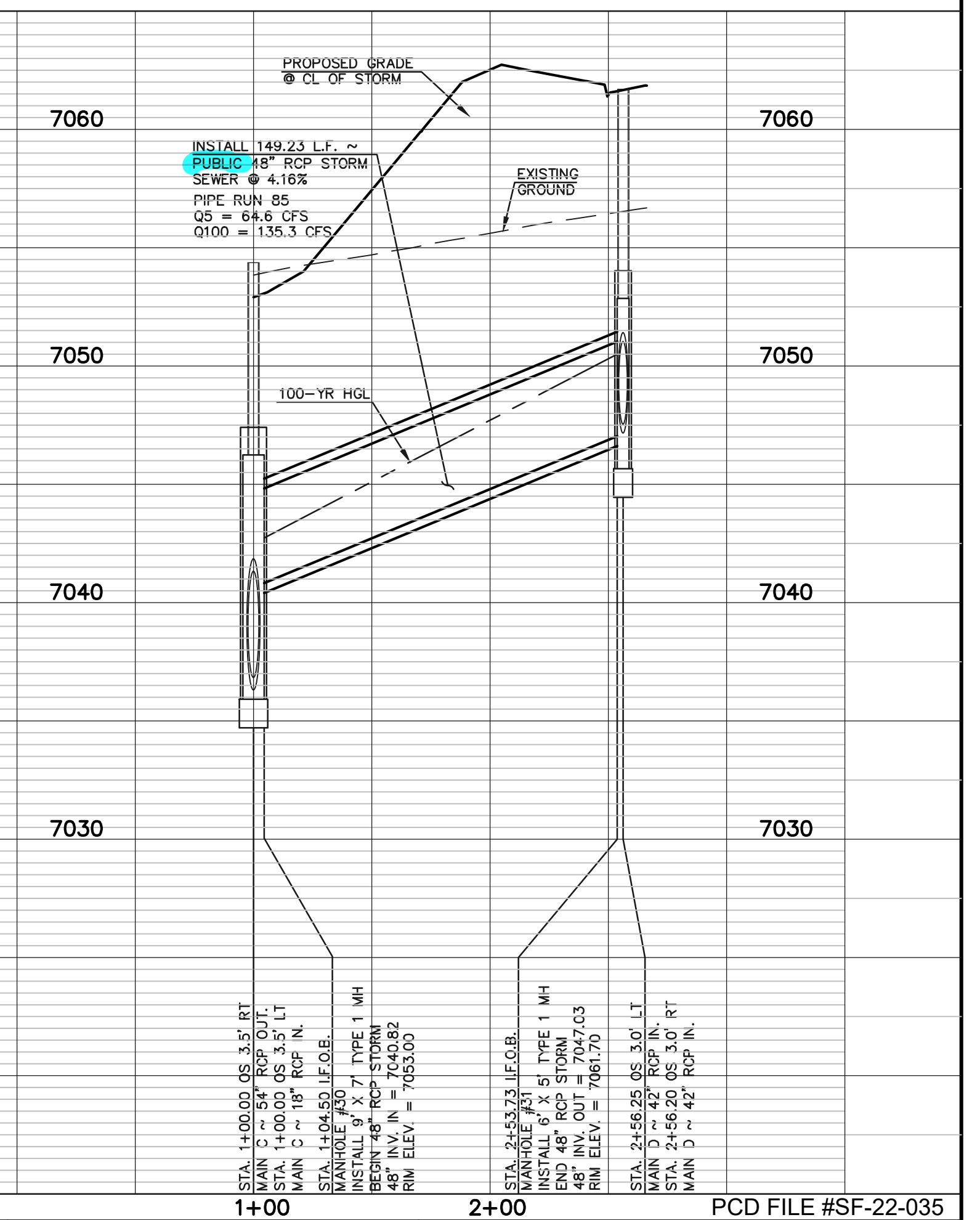
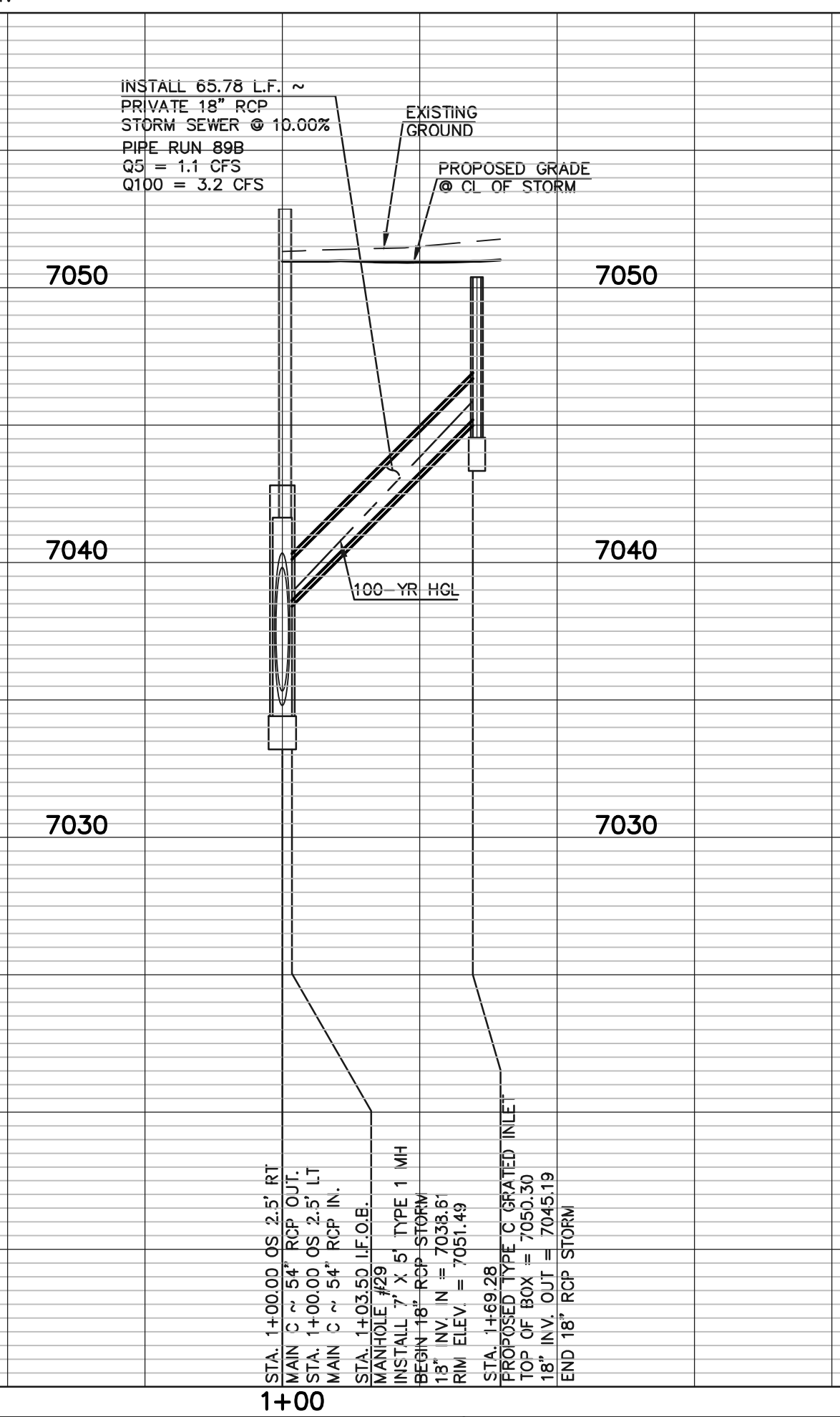
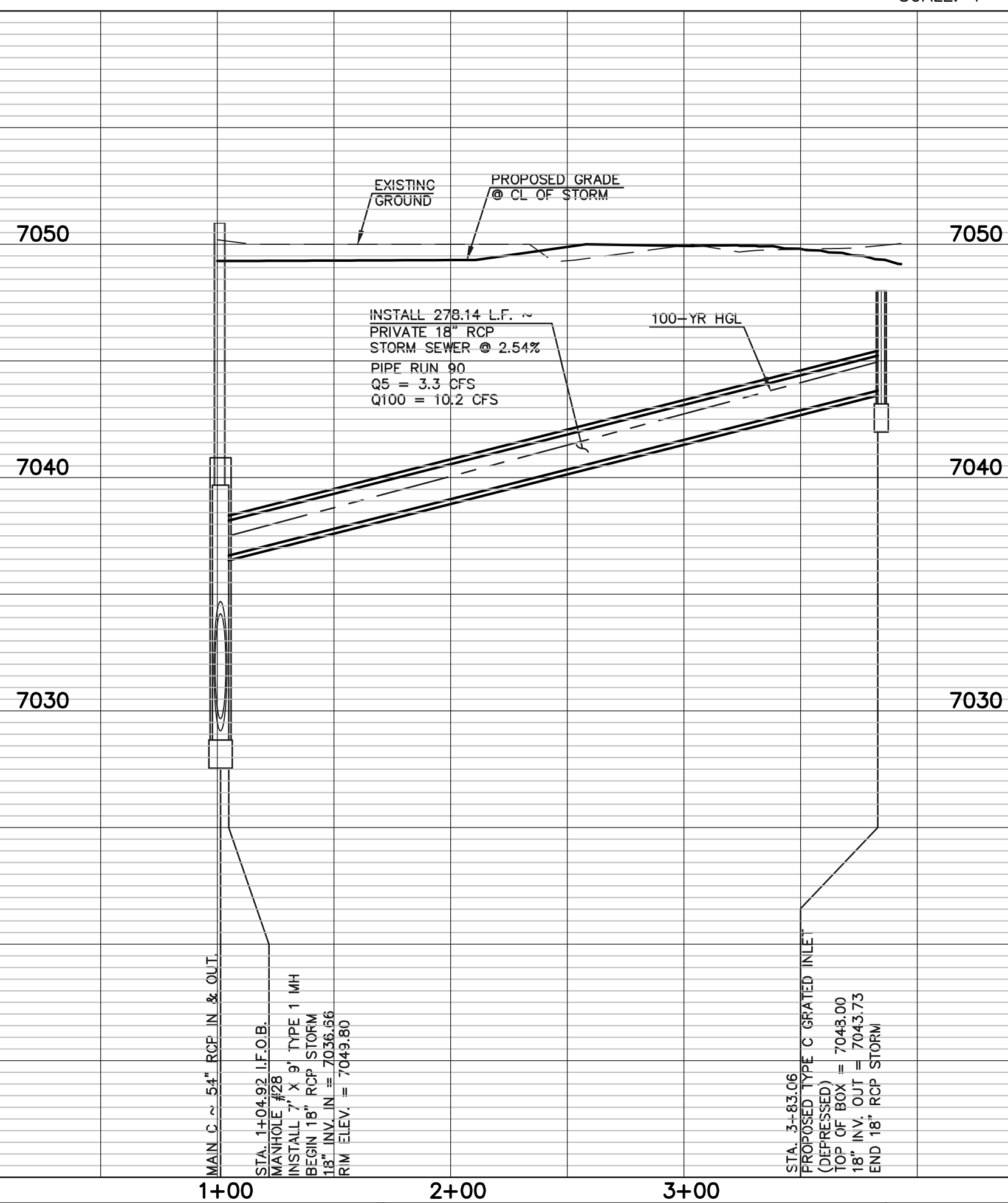
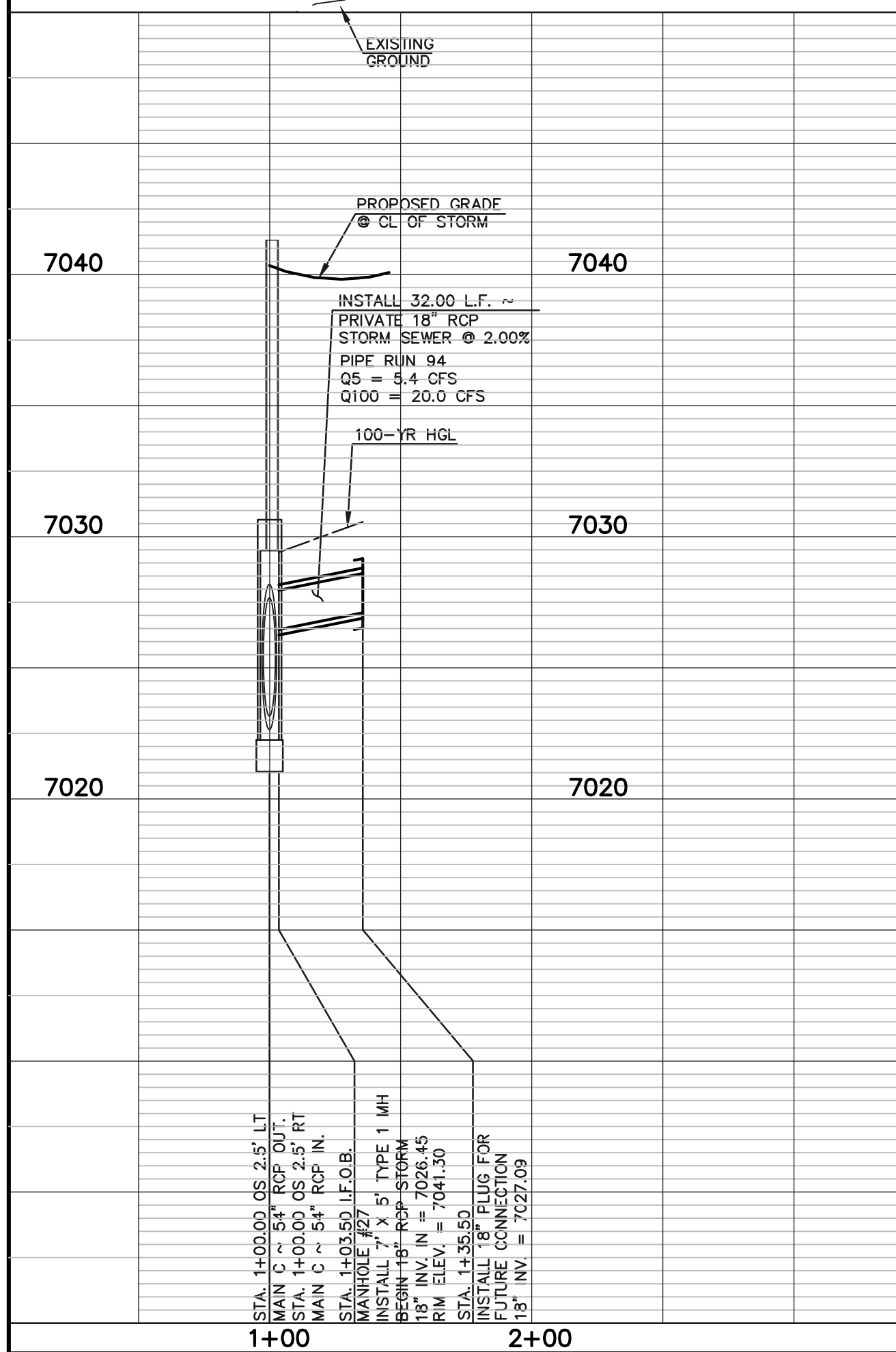


PRIVATE 18" RCP STORM
'LATERAL C3'

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PUBLIC 48" RCP STORM
'LATERAL C4'



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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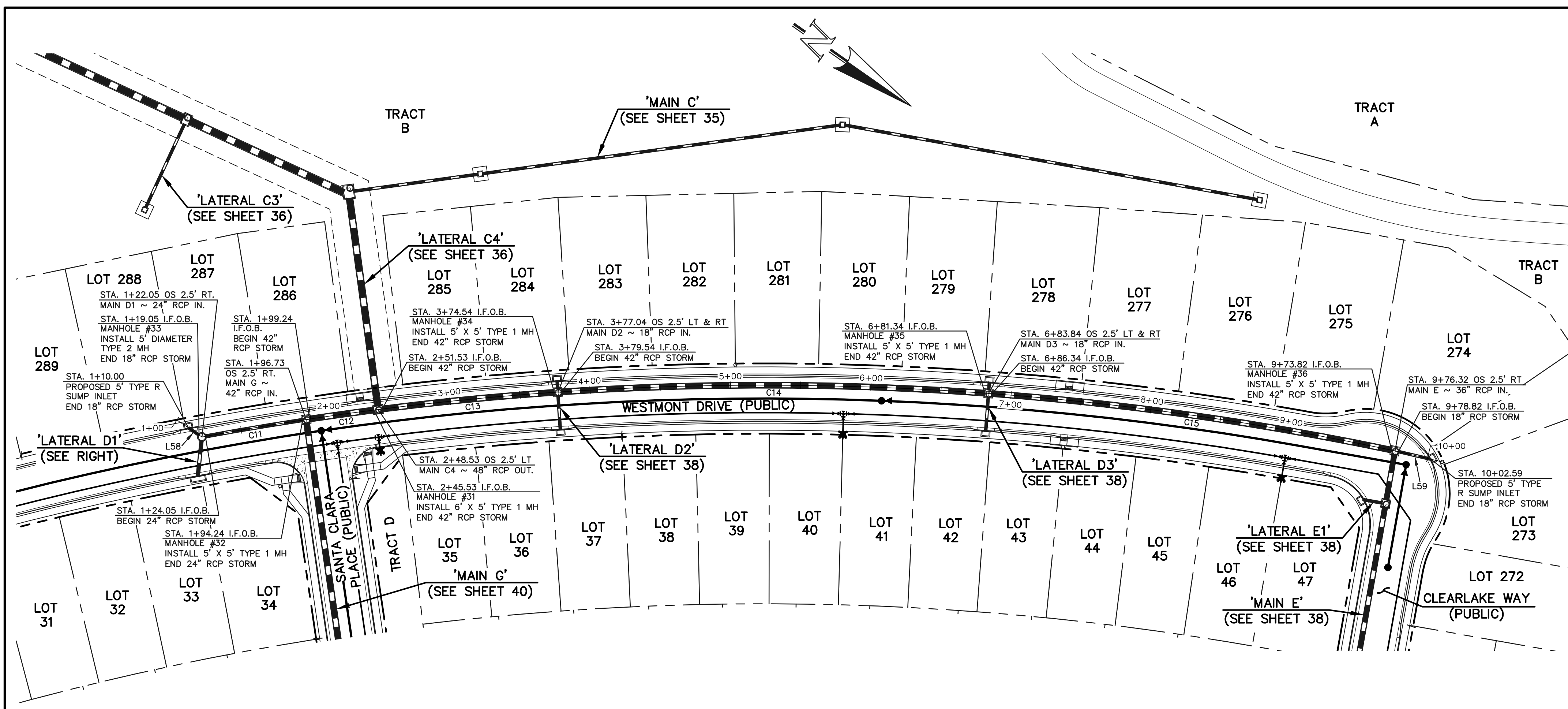
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STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STORM SEWER PLAN
LATERAL C1, C2, C3 & C4

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	36 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	



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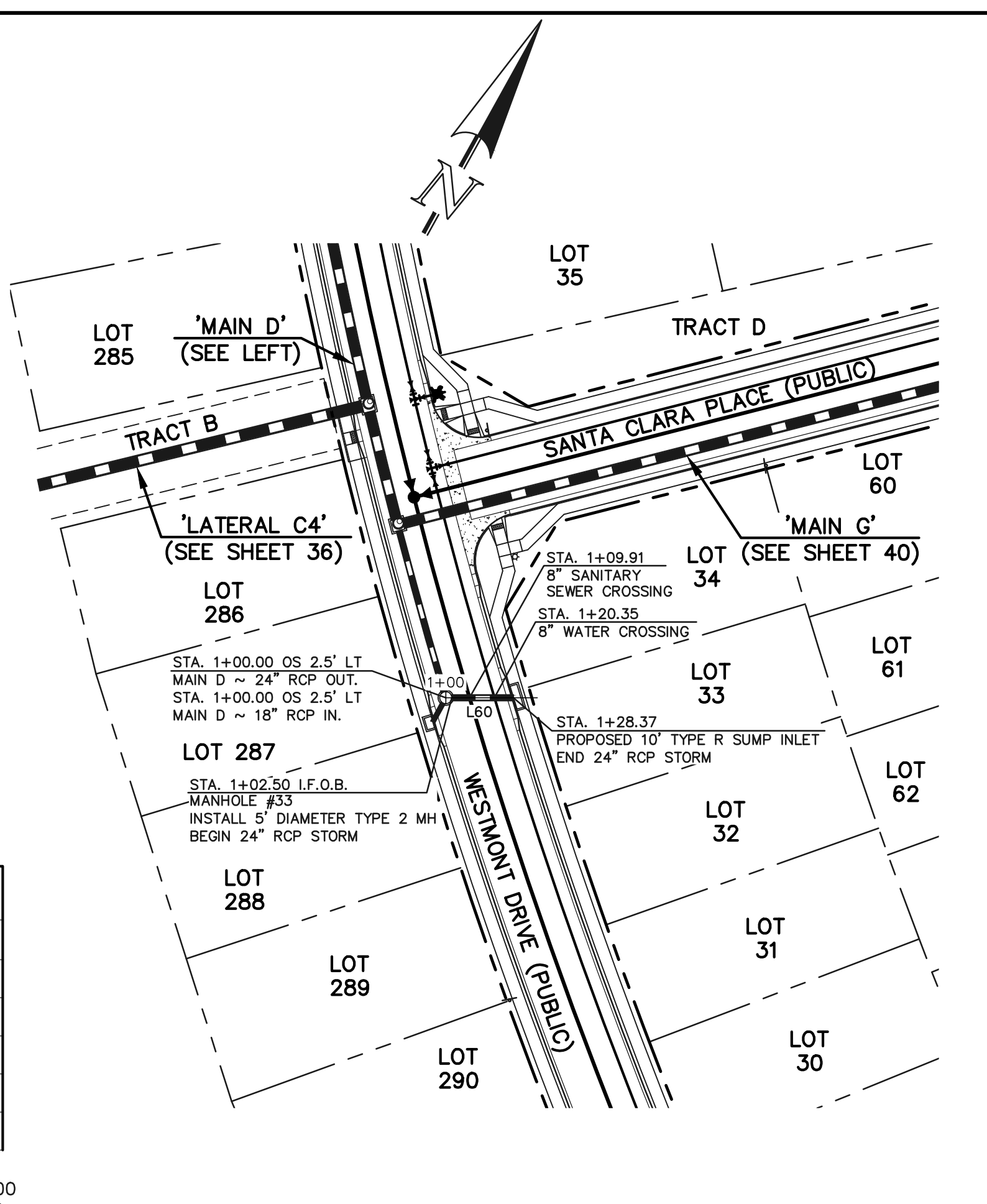
STORM LINE TABLE

Line #	Length	Direction
L58	9.05	N00°45'31"W
L59	23.77	N21°49'36"W
L60	25.87	N60°58'02"E

STORM CURVE TABLE

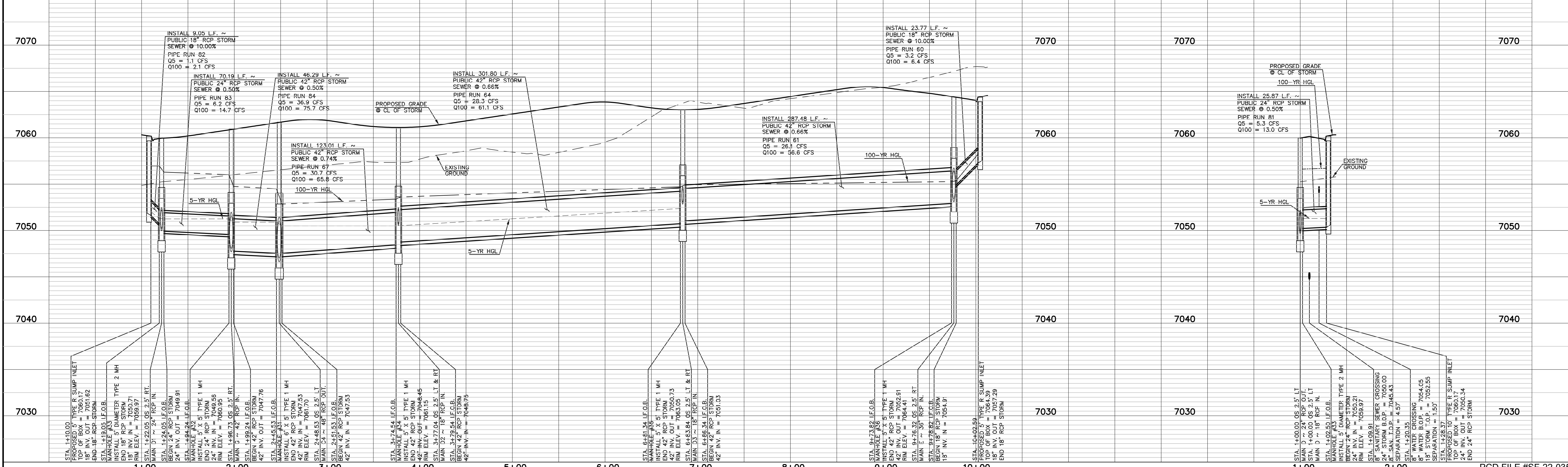
Curve #	Delta	Length	Radius
C11	1°50'25"	70.20	2185.50
C12	1°12'48"	46.28	2185.50
C13	3°13'30"	123.02	2185.50
C14	7°54'44"	301.80	2185.50
C15	7°32'11"	287.47	2185.50

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



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

PUBLIC 24" RCP STORM - 'LATERAL D1'



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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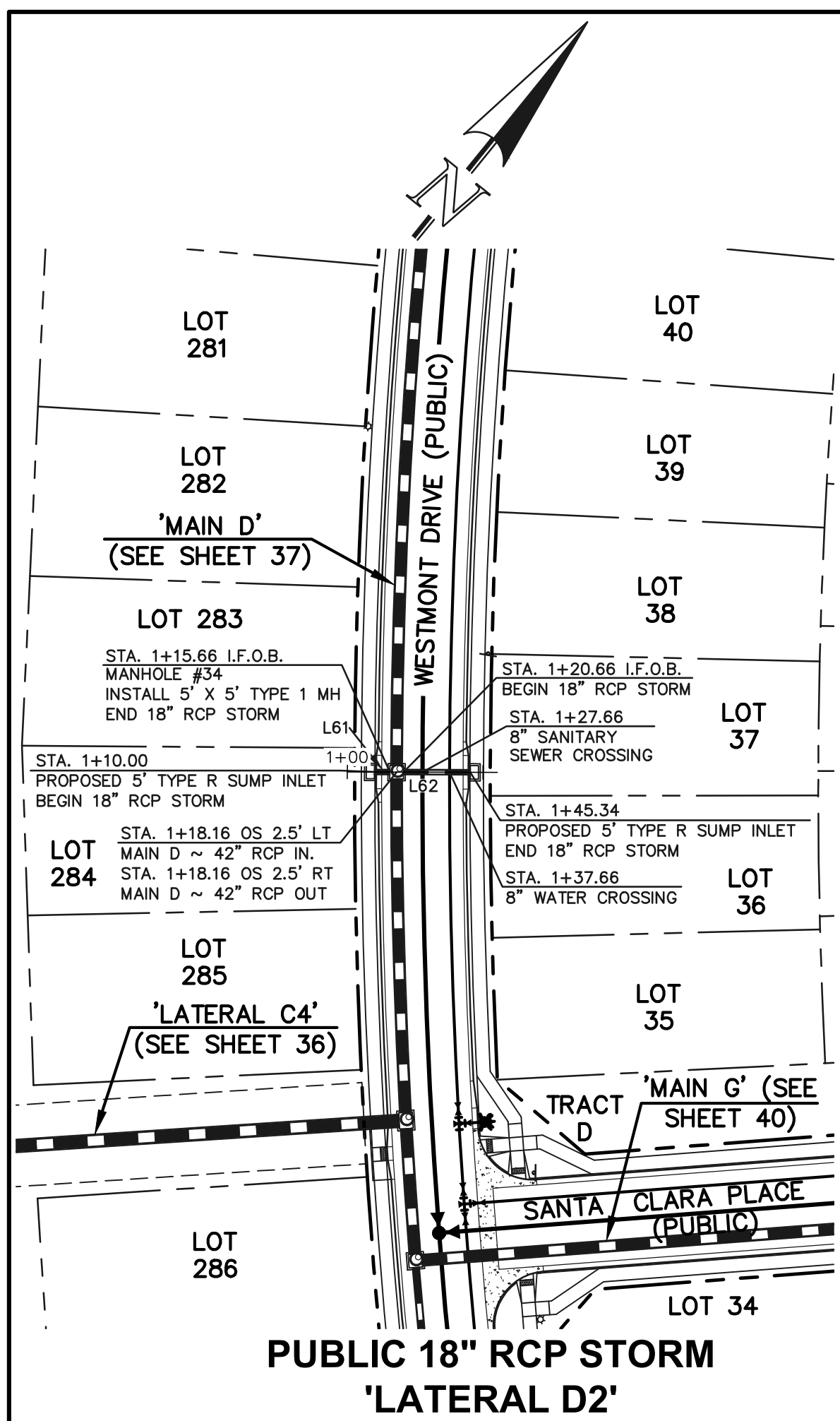
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 "MAIN D" STA: 1+00 - END / LATERAL D1

CLASSIC CONSULTING

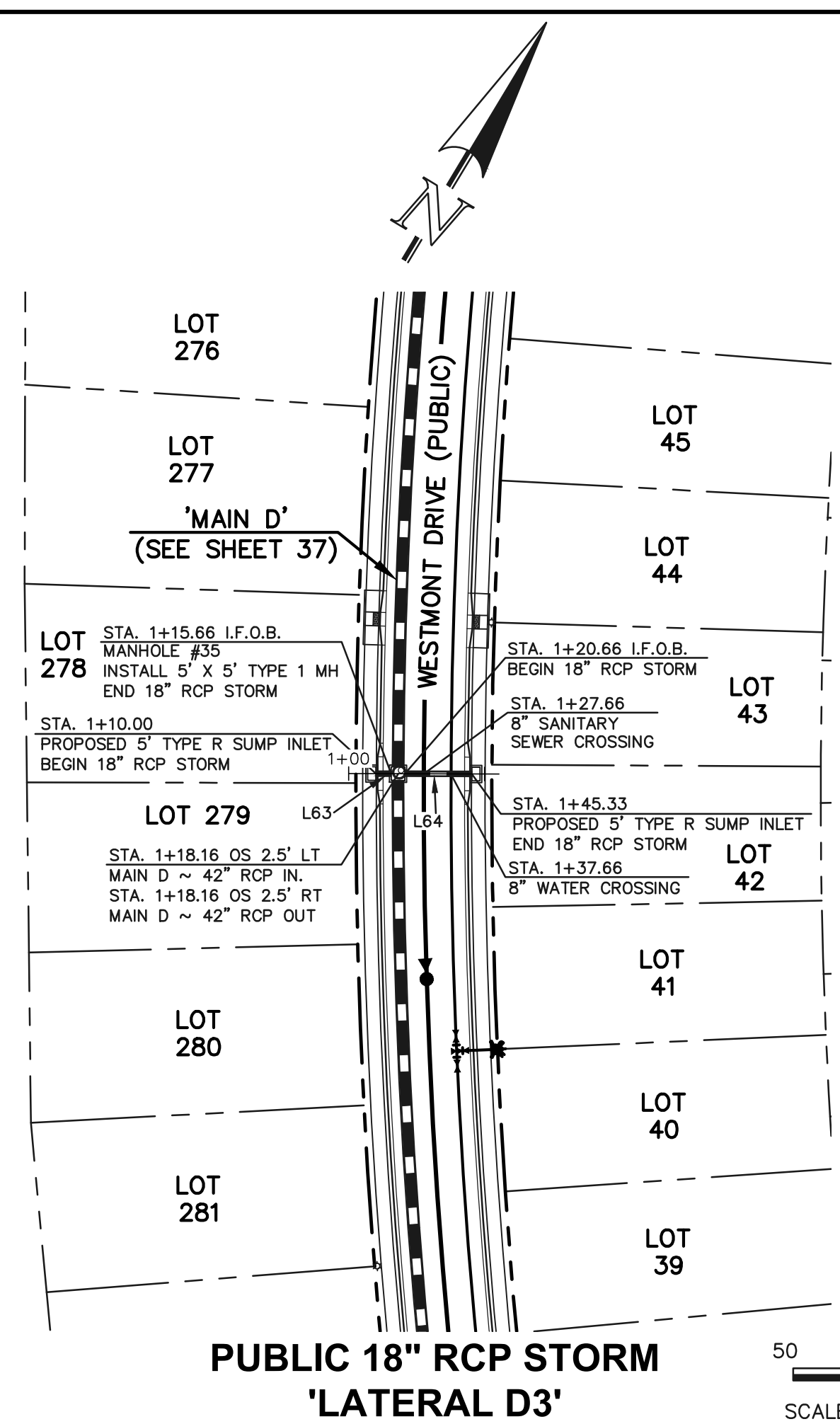
DESIGNED BY: MAL
 DRAWN BY: MES
 CHECKED BY: (V)

SCALE: (H) 1" = 50'
 (V) 1" = 5'

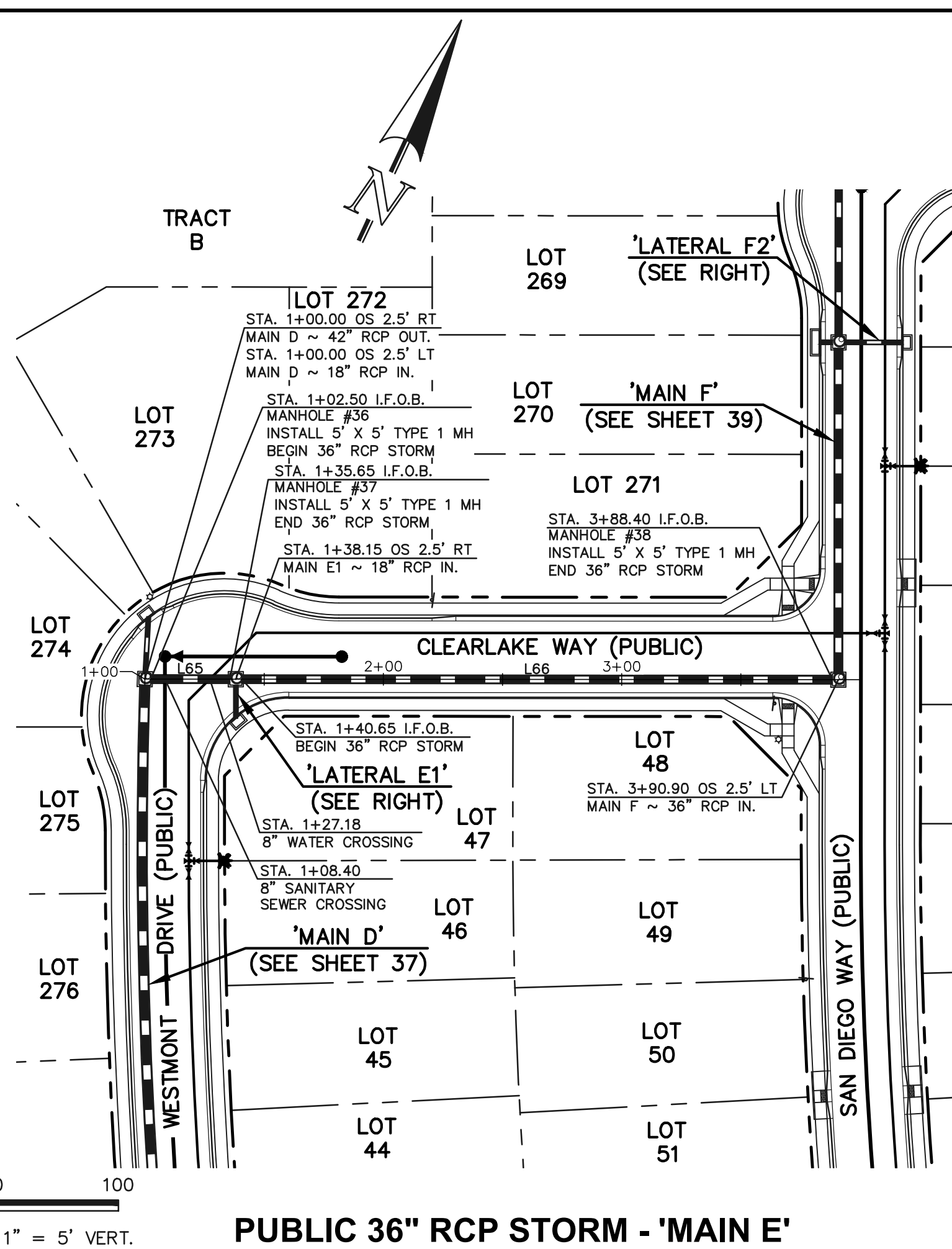
DATE: 08/31/22
 SHEET 37 OF 53
 JOB NO. 1183.30



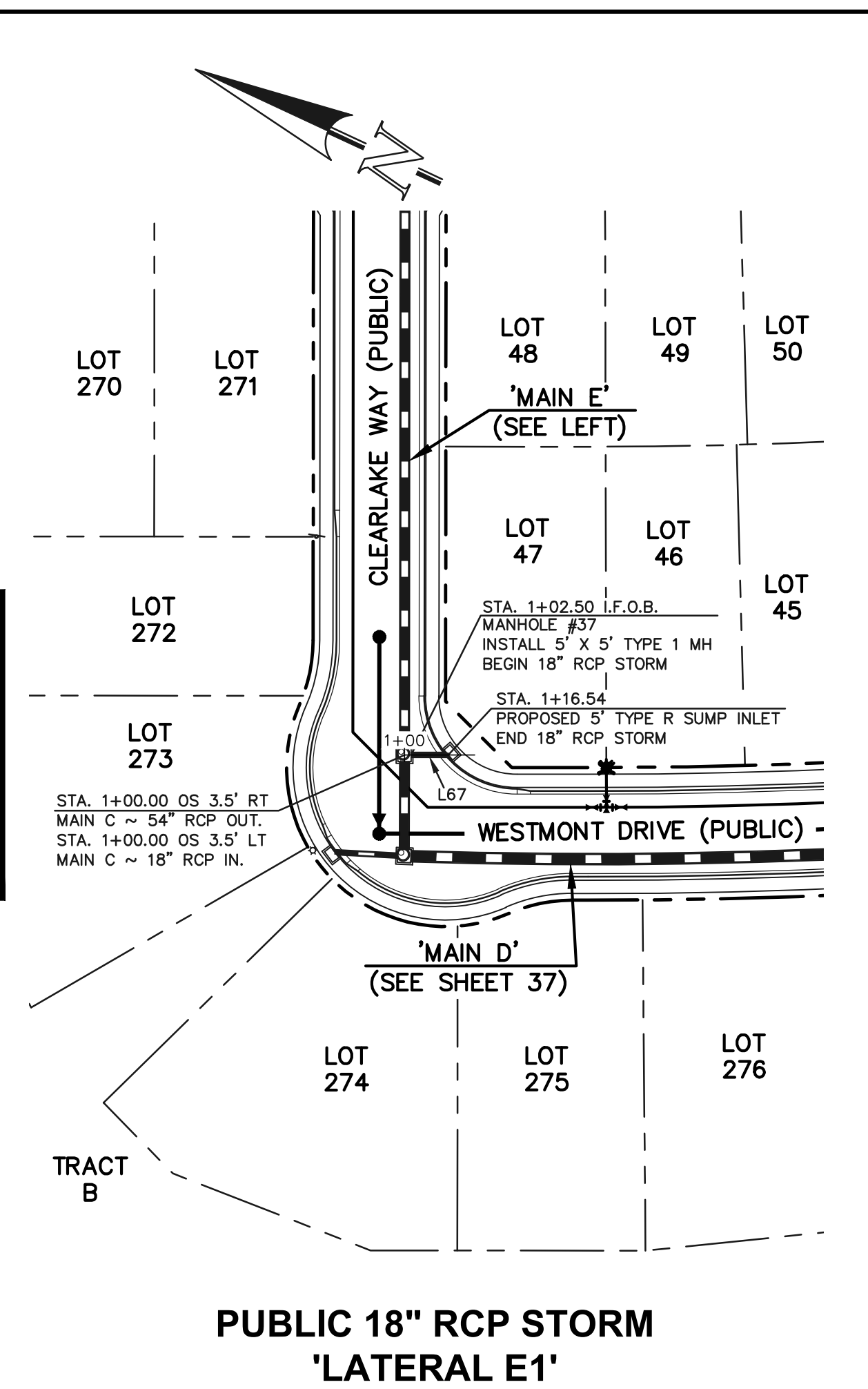
**PUBLIC 18" RCP STORM
'LATERAL D2'**



**PUBLIC 18" RCP STORM
'LATERAL D3'**



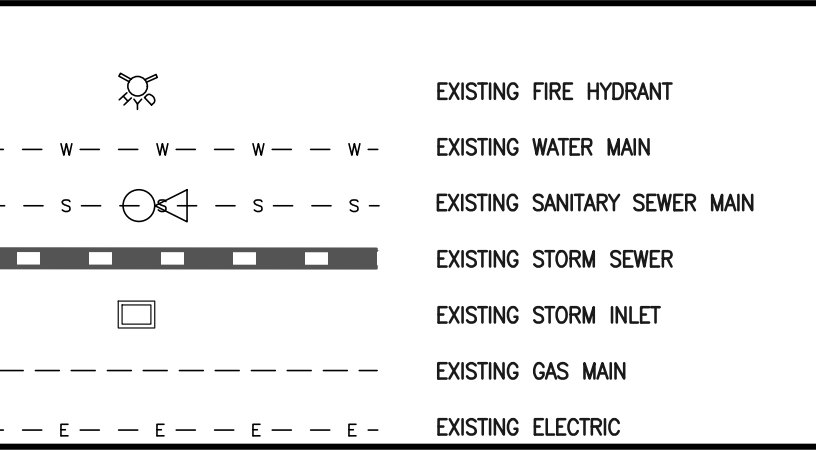
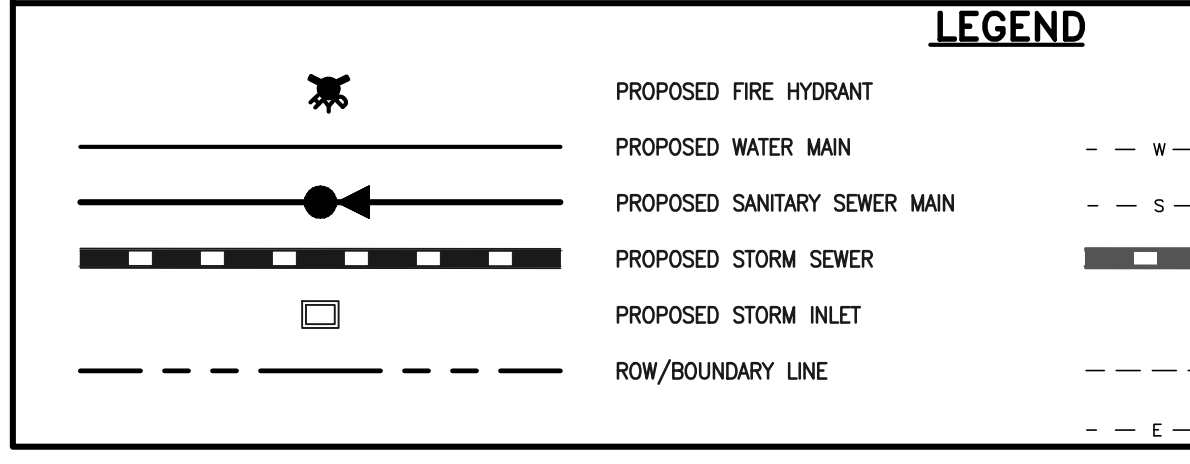
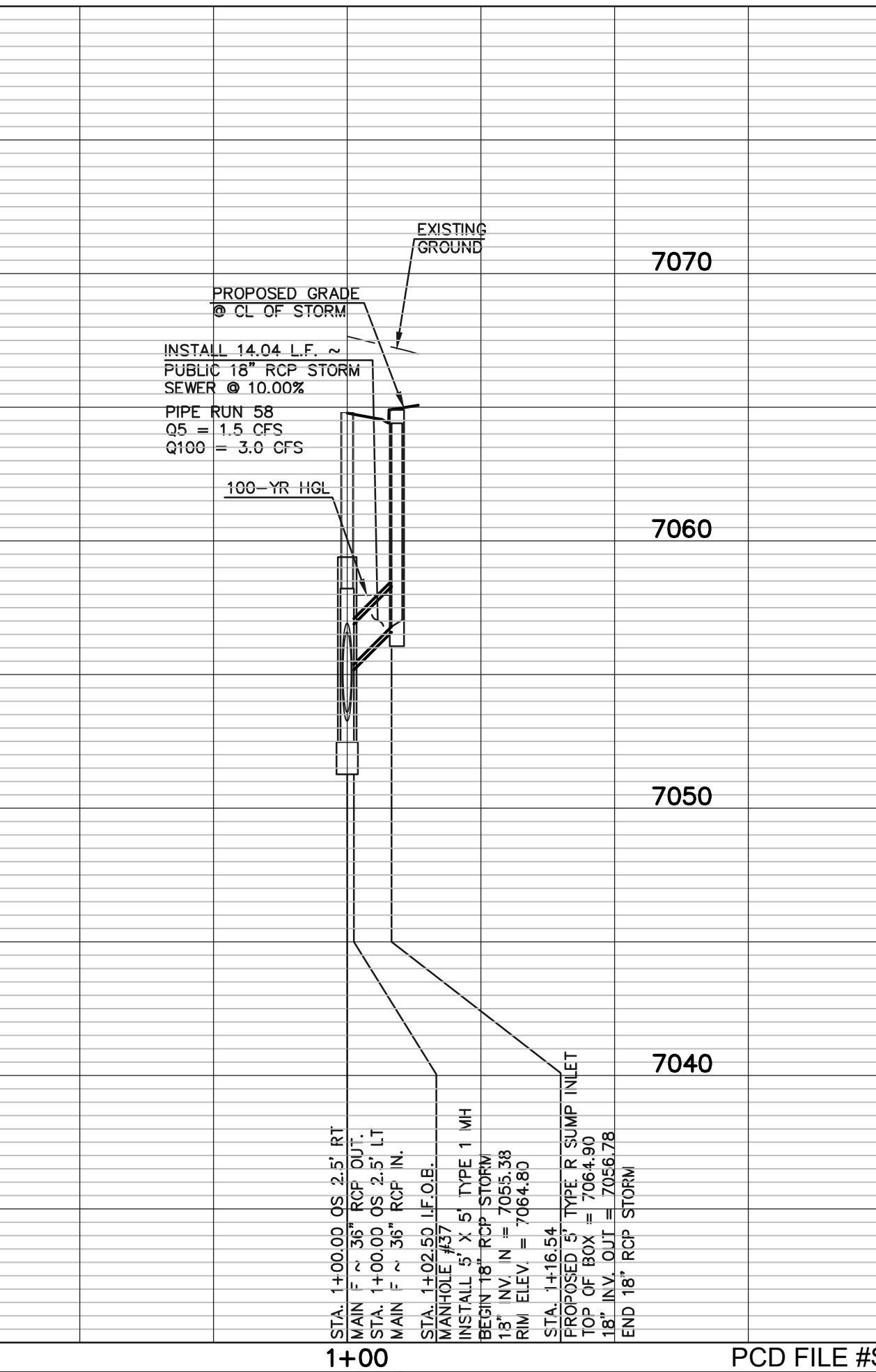
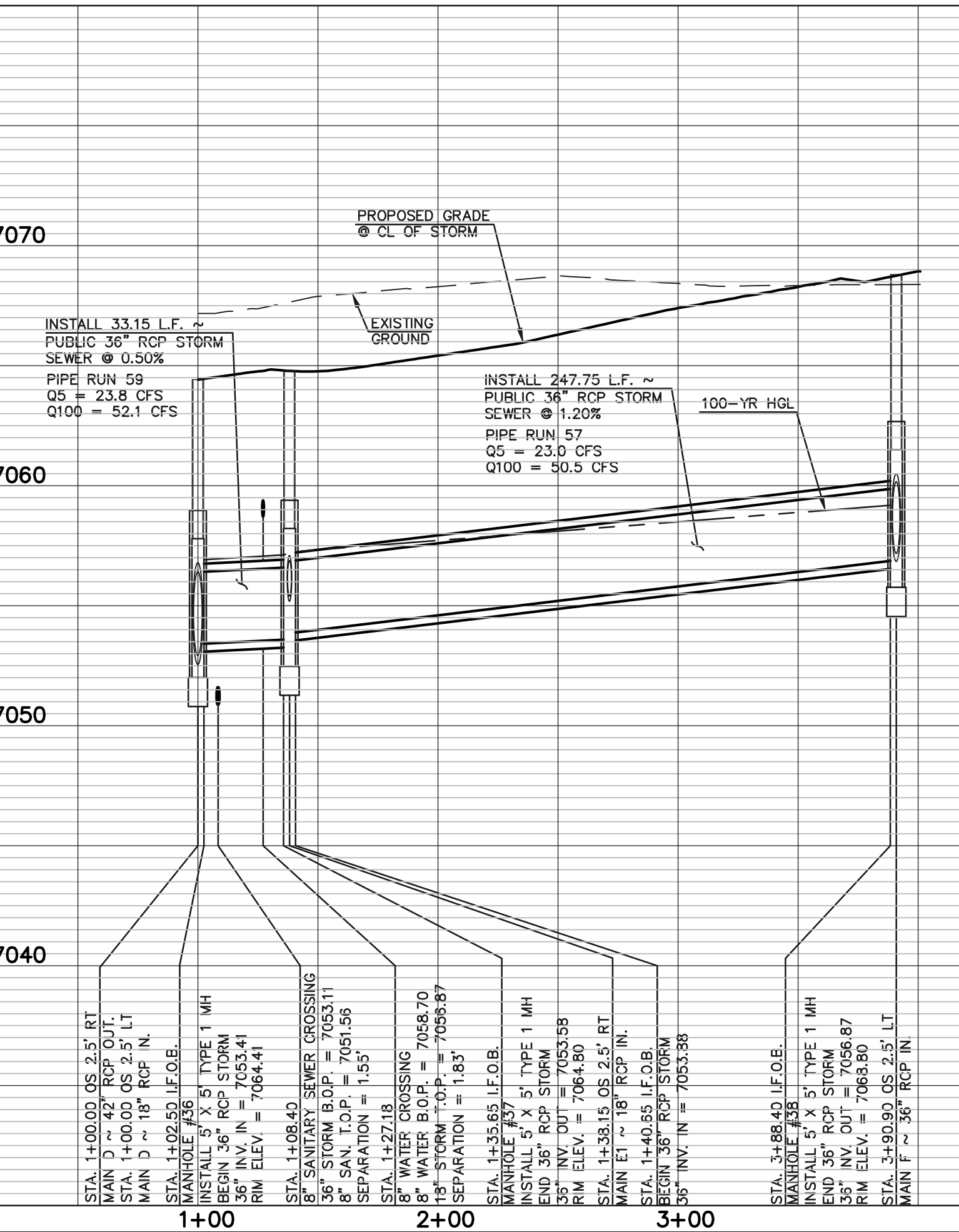
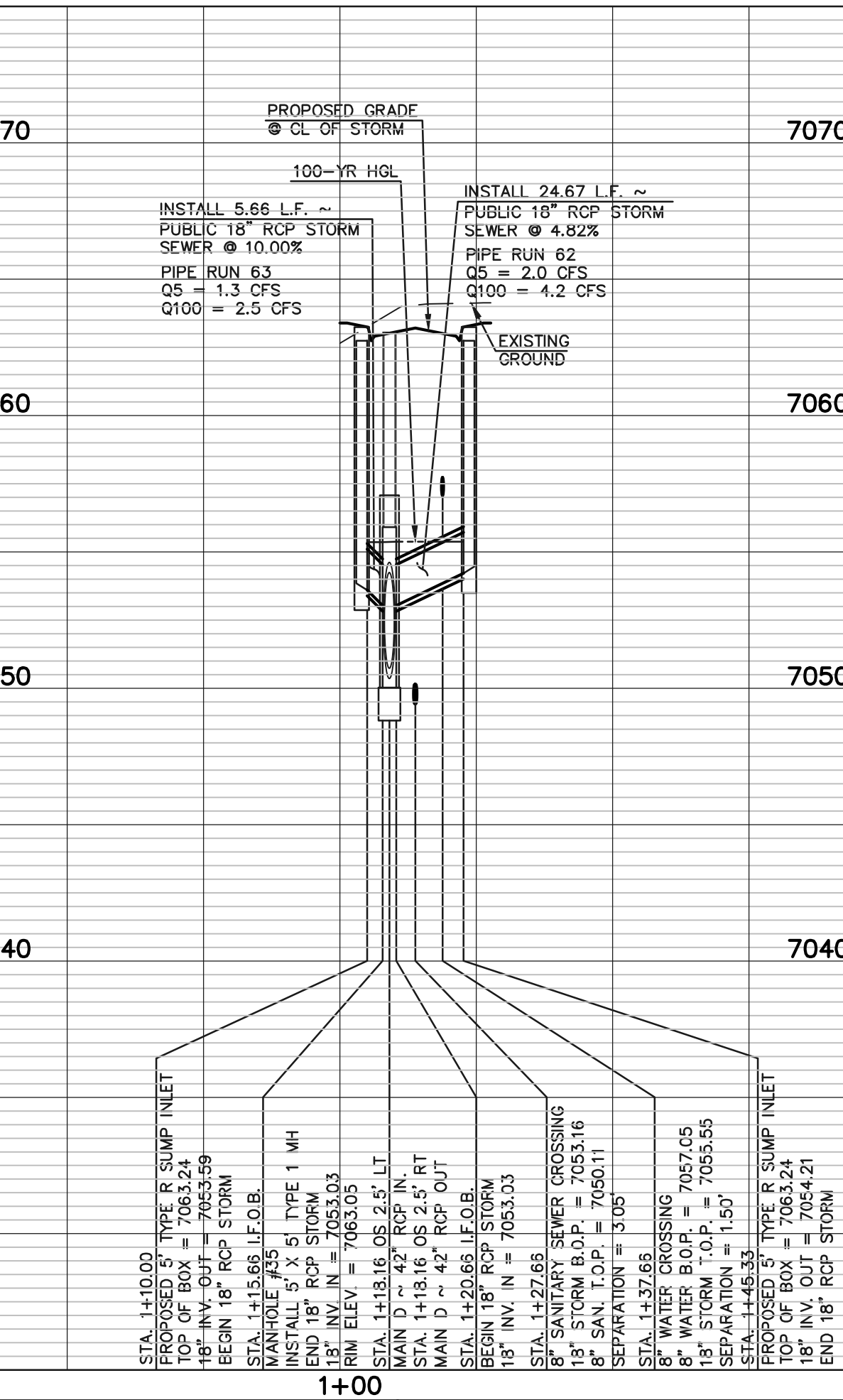
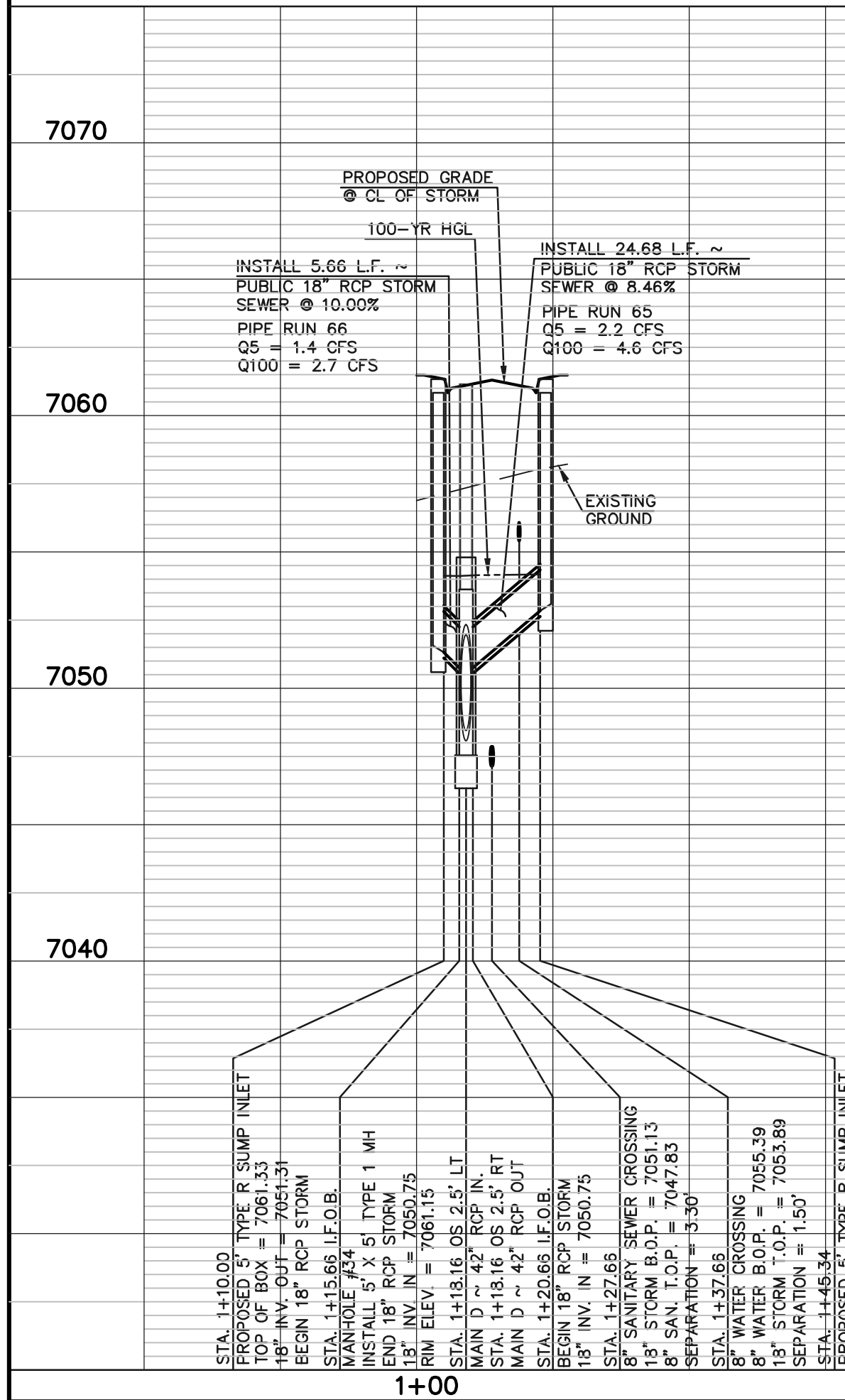
PUBLIC 36" RCP STORM - 'MAIN E'



**PUBLIC 18" RCP STORM
'LATERAL E1'**

NOTES:
 ALL STORM FACILITIES WITHIN R.O.W. ARE PUBLIC, UNLESS OTHERWISE NOTED.
 ALL STORM SEWER WITH 100-YR HGL ABOVE THE TOP OF PIPE SHALL BE INSTALLED WITH PRESSURE PIPE AND WATER TIGHT 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.

Line #	Length	Direction
L61	5.66	N51°09'15"E
L62	24.67	N51°09'15"E
L63	5.66	S59°11'23"W
L64	24.67	S59°11'23"W
L65	33.15	N65°02'48"E
L66	247.75	N65°02'48"E
L67	14.04	N24°57'12"W



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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

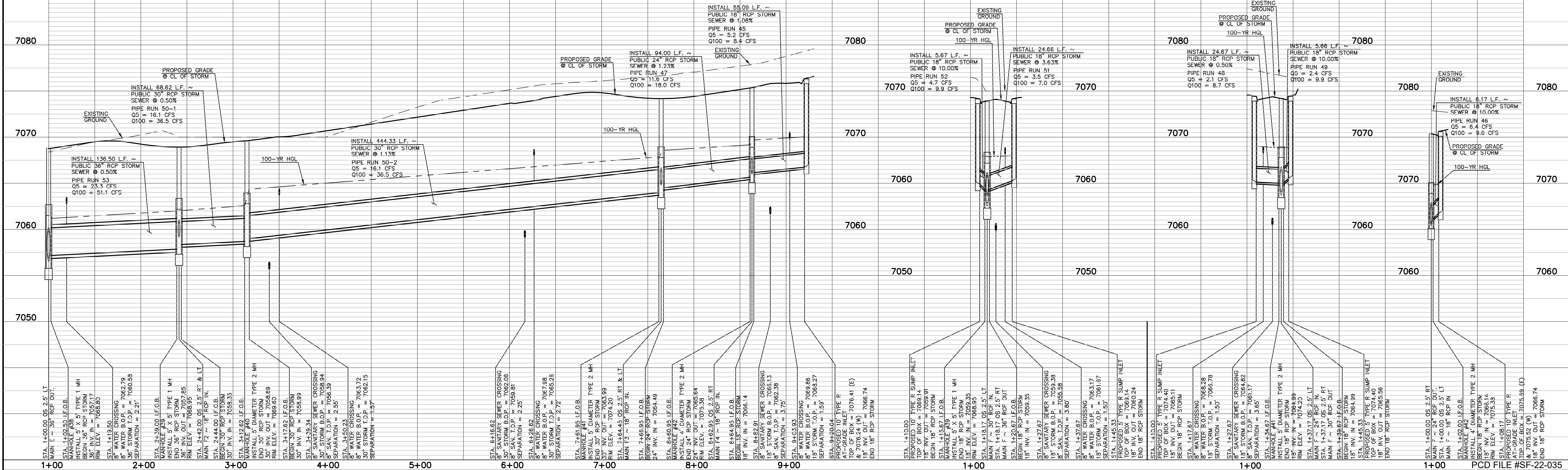
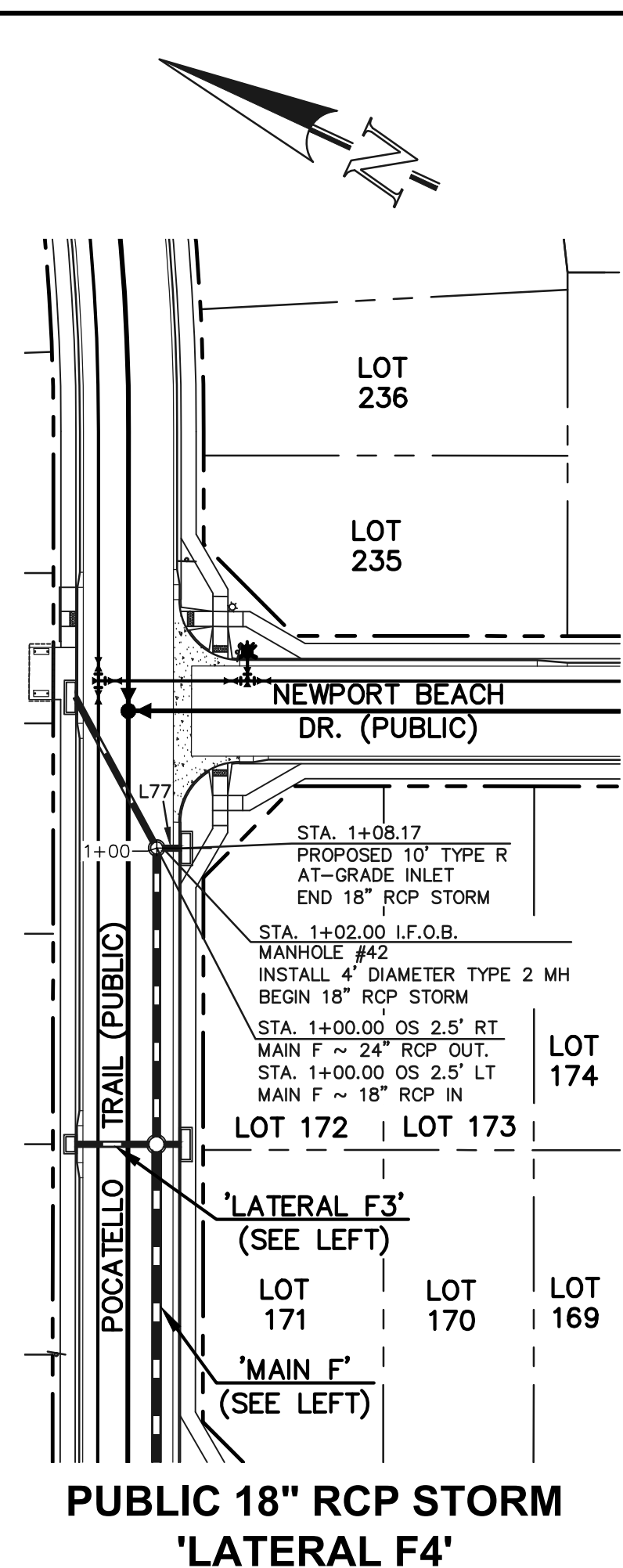
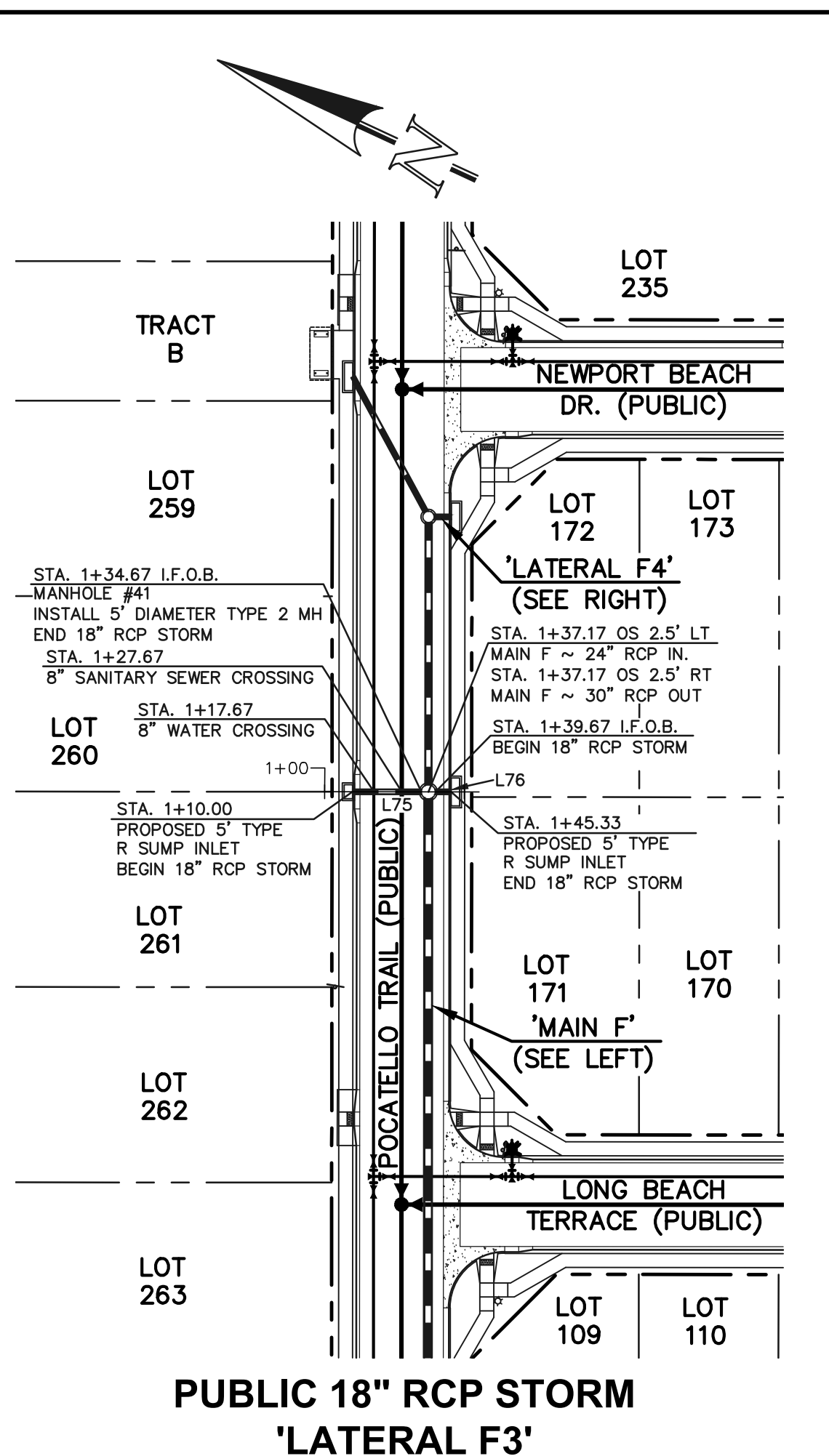
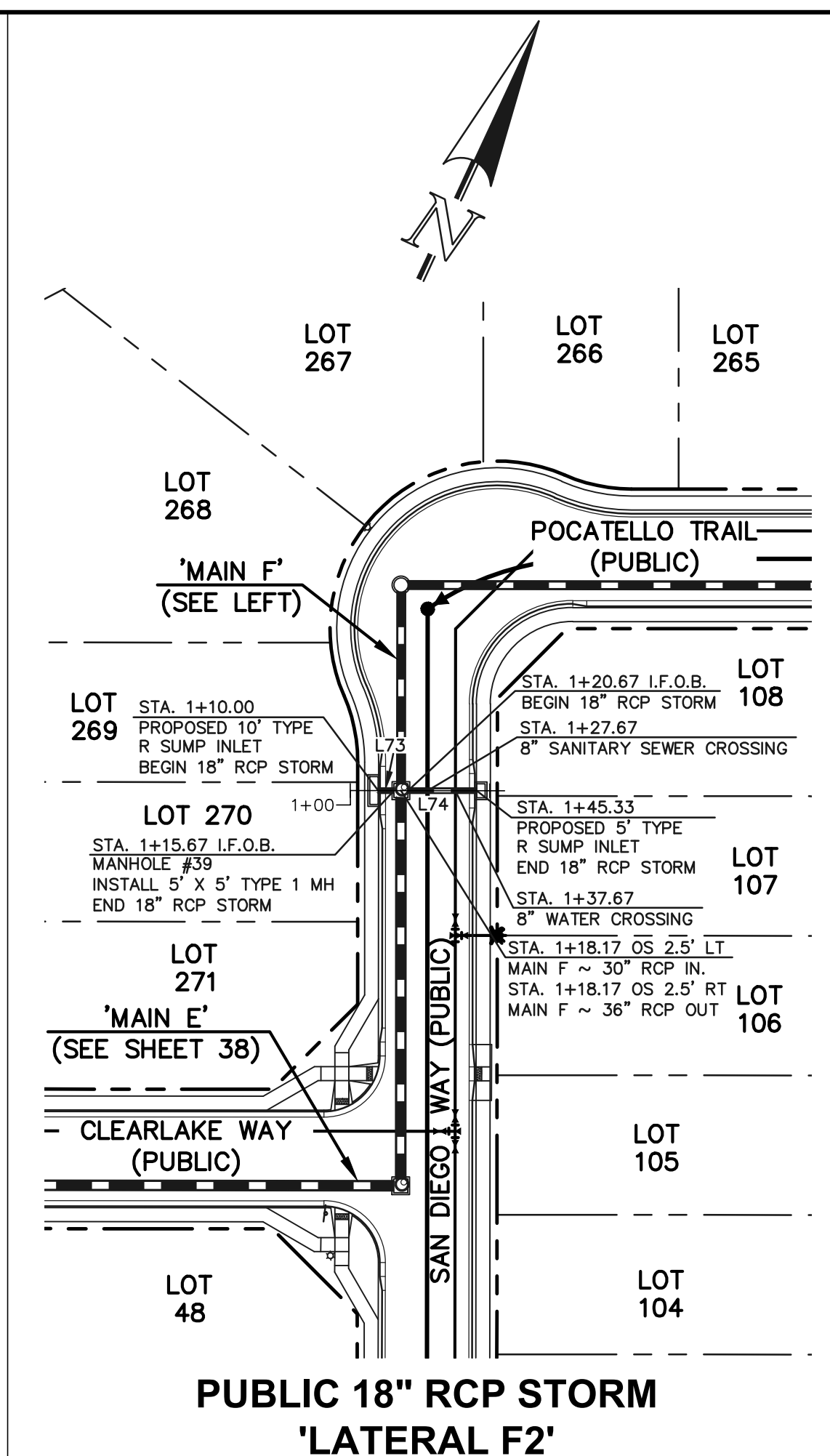
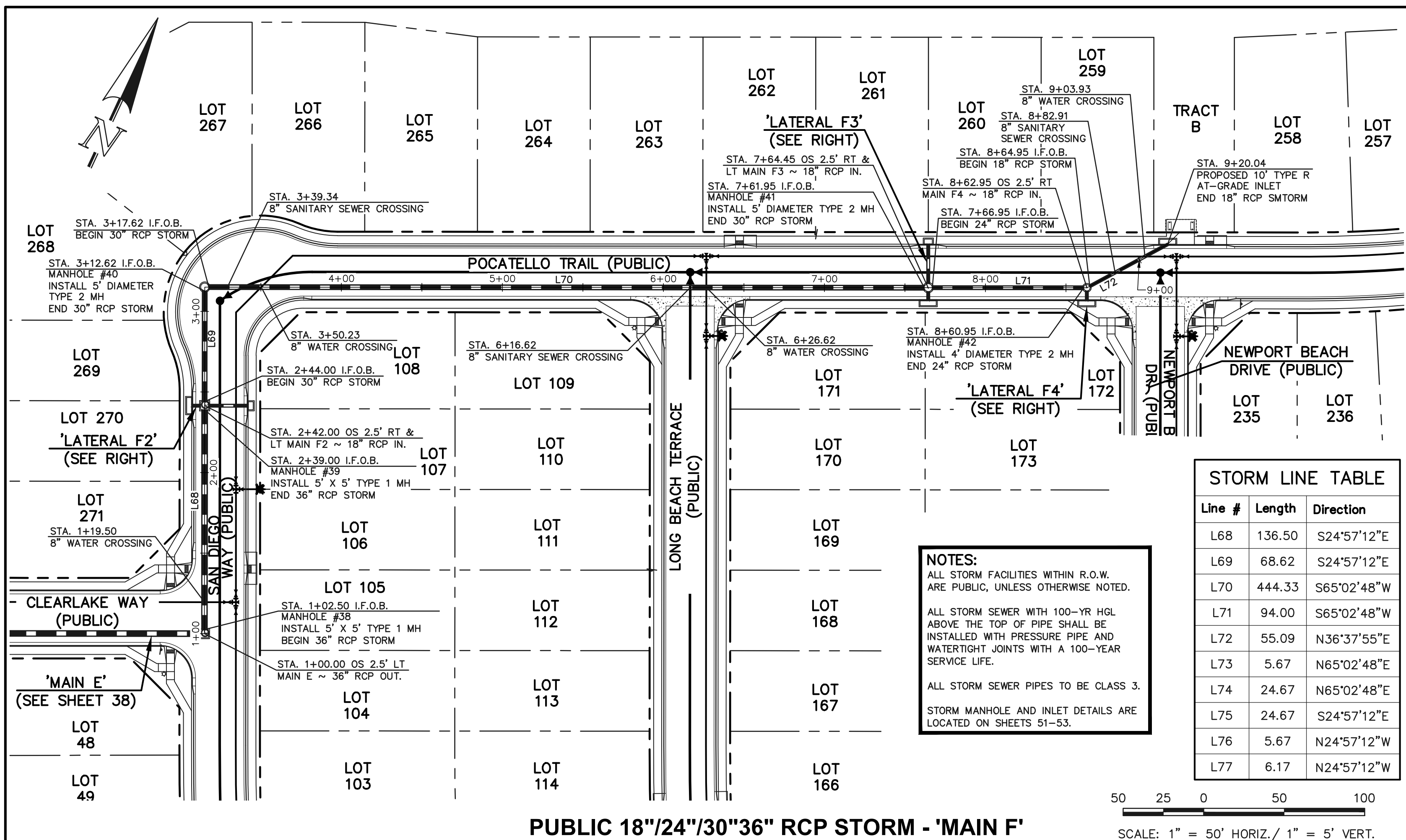


**STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS**
PUBLIC STORM SEWER PLAN
"MAIN E" STA: 1+00-END/LATERAL D2, D3 & E1

DESIGNED BY: MAL
 DRAWN BY: MES
 CHECKED BY: MAL

SCALE: (H) 1" = 50'
 (V) 1" = 5'

DATE: 08/31/22
 SHEET 38 OF 53
 JOB NO. 1183.30



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

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

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

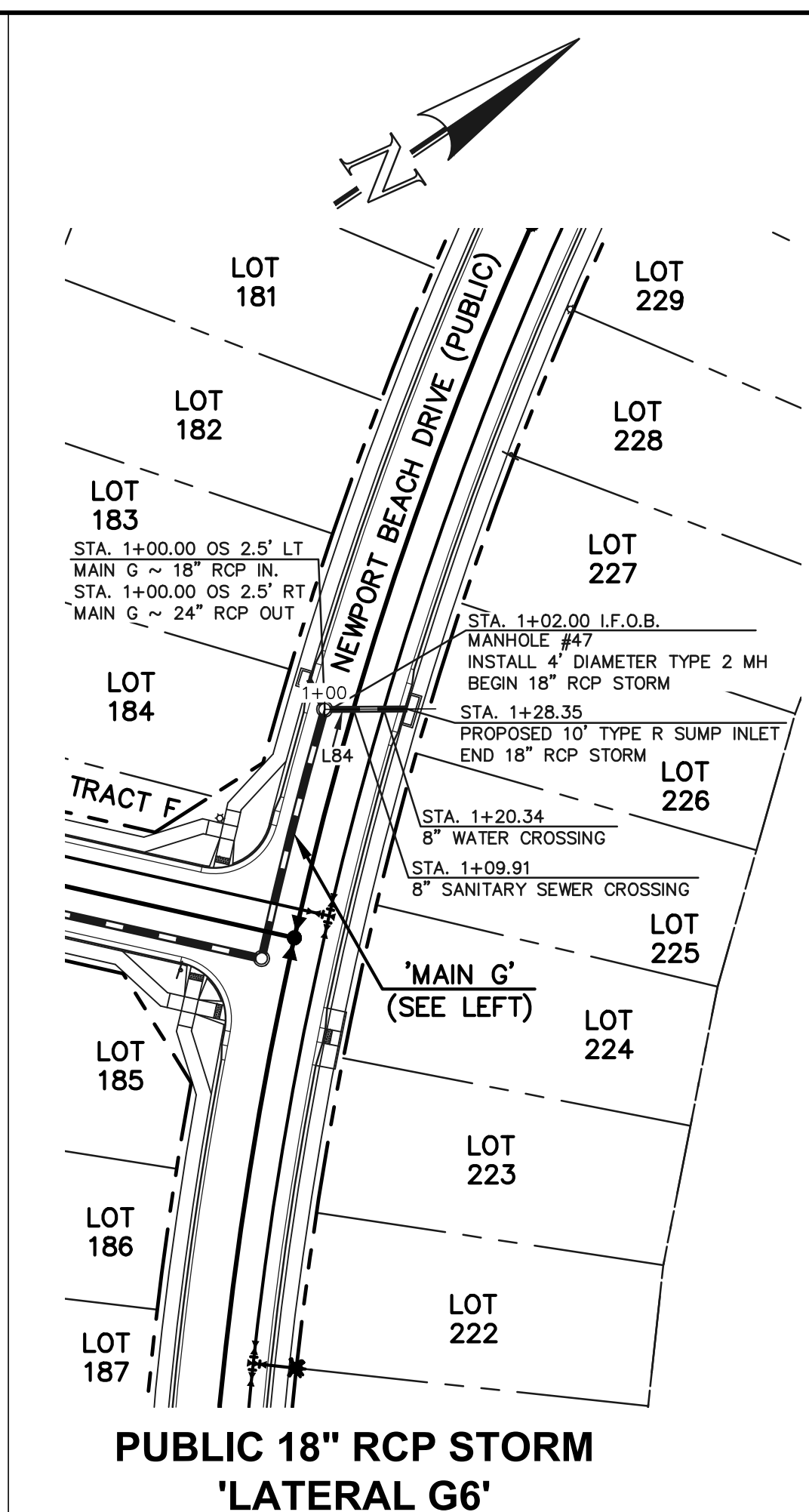
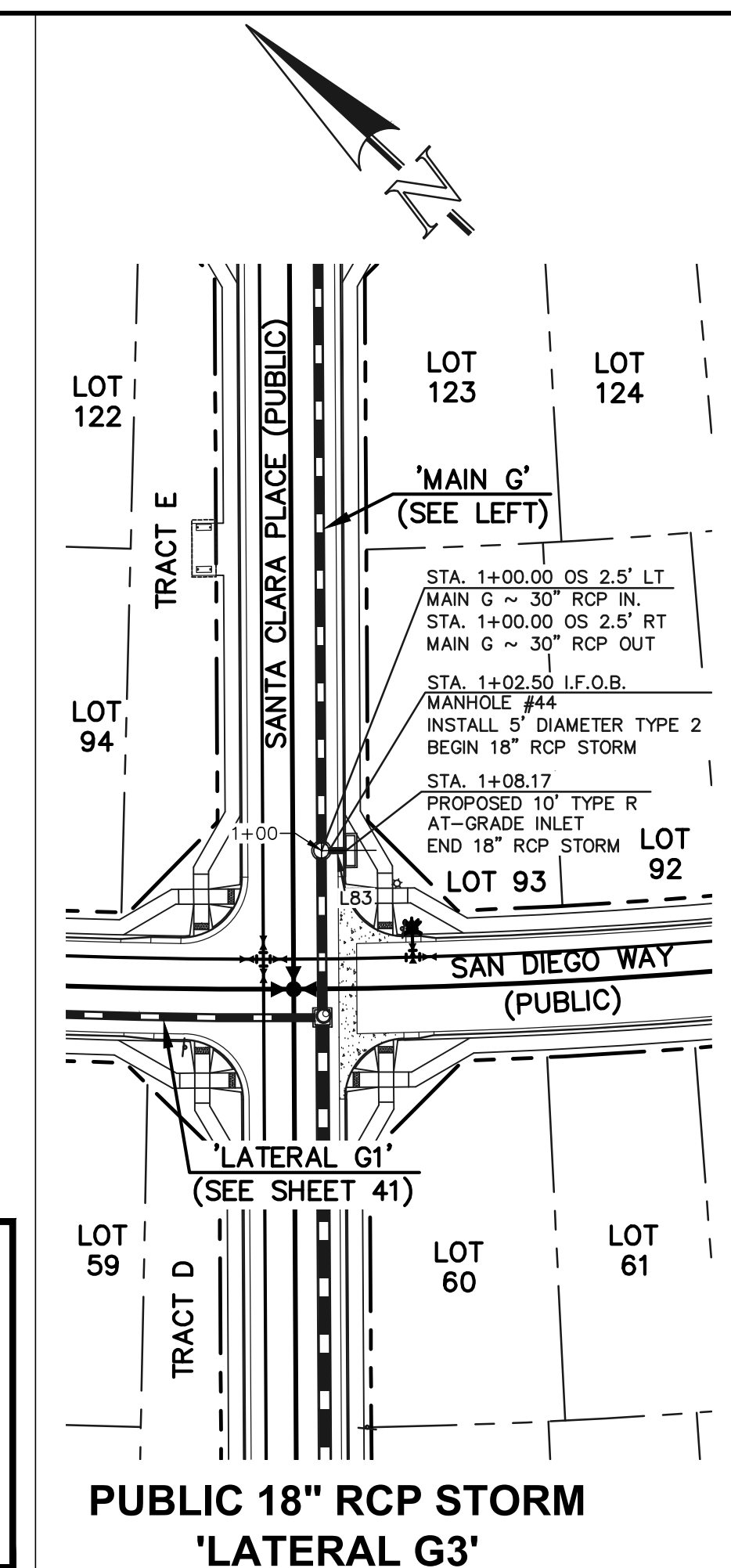
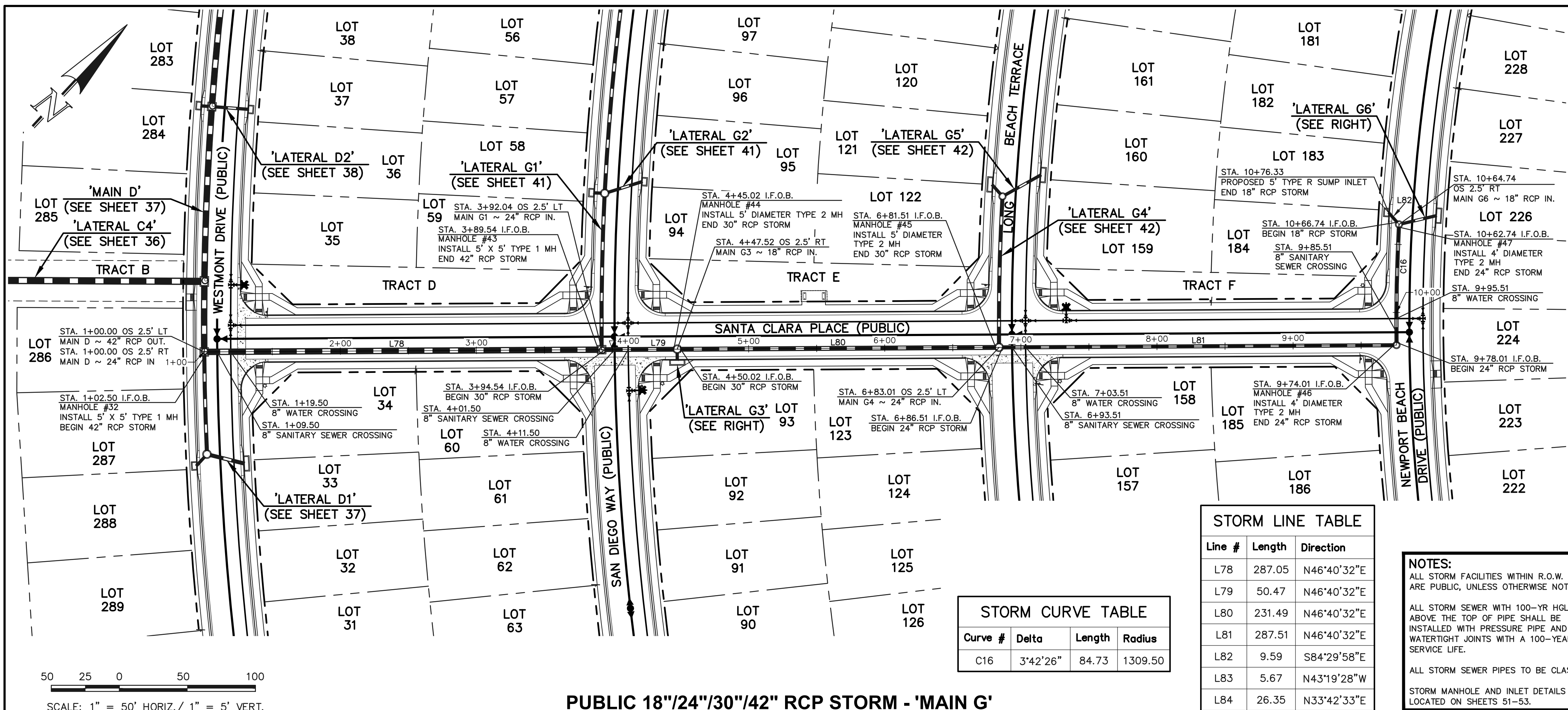


STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC STORM SEWER PLAN
 "MAIN F" STA: 1+00-END/LATERAL F2, F3 & F4

DESIGNED BY: MAL
 DRAWN BY: MES
 CHECKED BY: (V)

SCALE: (H) 1" = 50'
 (V) 1" = 5'

DATE: 08/31/22
 SHEET 39 OF 53
 JOB NO. 1183.30



Line #	Length	Direction
L78	287.05	N46°40'32"E
L79	50.47	N46°40'32"E
L80	231.49	N46°40'32"E
L81	287.51	N46°40'32"E
L82	9.59	S84°29'58"E
L83	5.67	N43°19'28"W
L84	26.35	N33°42'33"E

Curve #	Delta	Length	Radius
C16	3°42'26"	84.73	1309.50

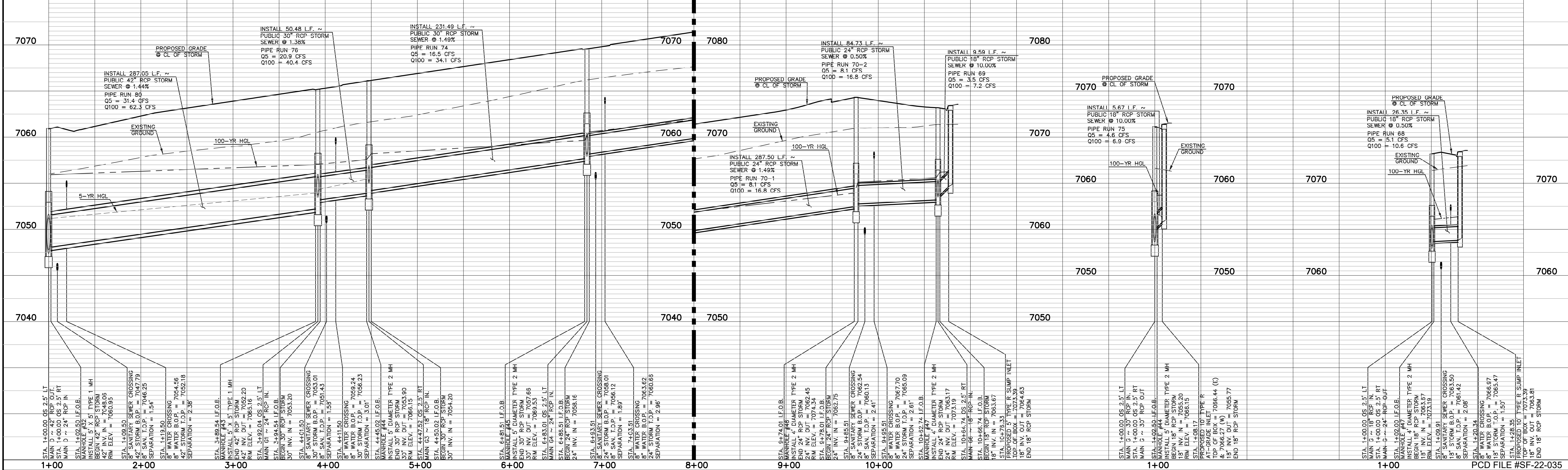
NOTES:
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 ALL STORM SEWER PIPES TO BE CLASS 3.
 STORM MANHOLE AND INLET DETAILS ARE LOCATED ON SHEETS 51-53.

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

PUBLIC 18"/24"/30"/42" RCP STORM - 'MAIN G'

PUBLIC 18" RCP STORM 'LATERAL G3'

PUBLIC 18" RCP STORM 'LATERAL G6'



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
	EXISTING GAS MAIN		EXISTING ELECTRIC

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NO.	REVISION	DATE

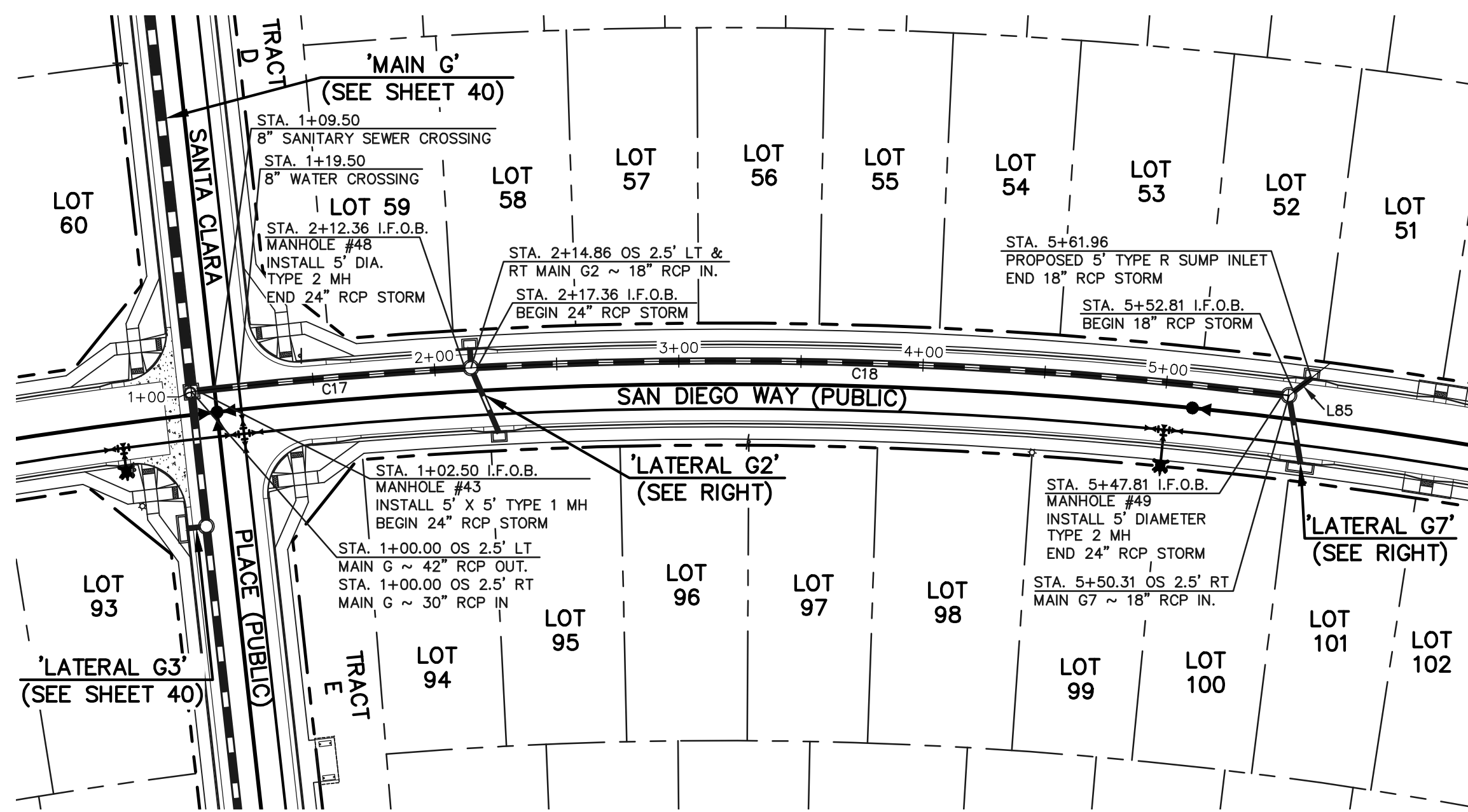
REVIEW:
 PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

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

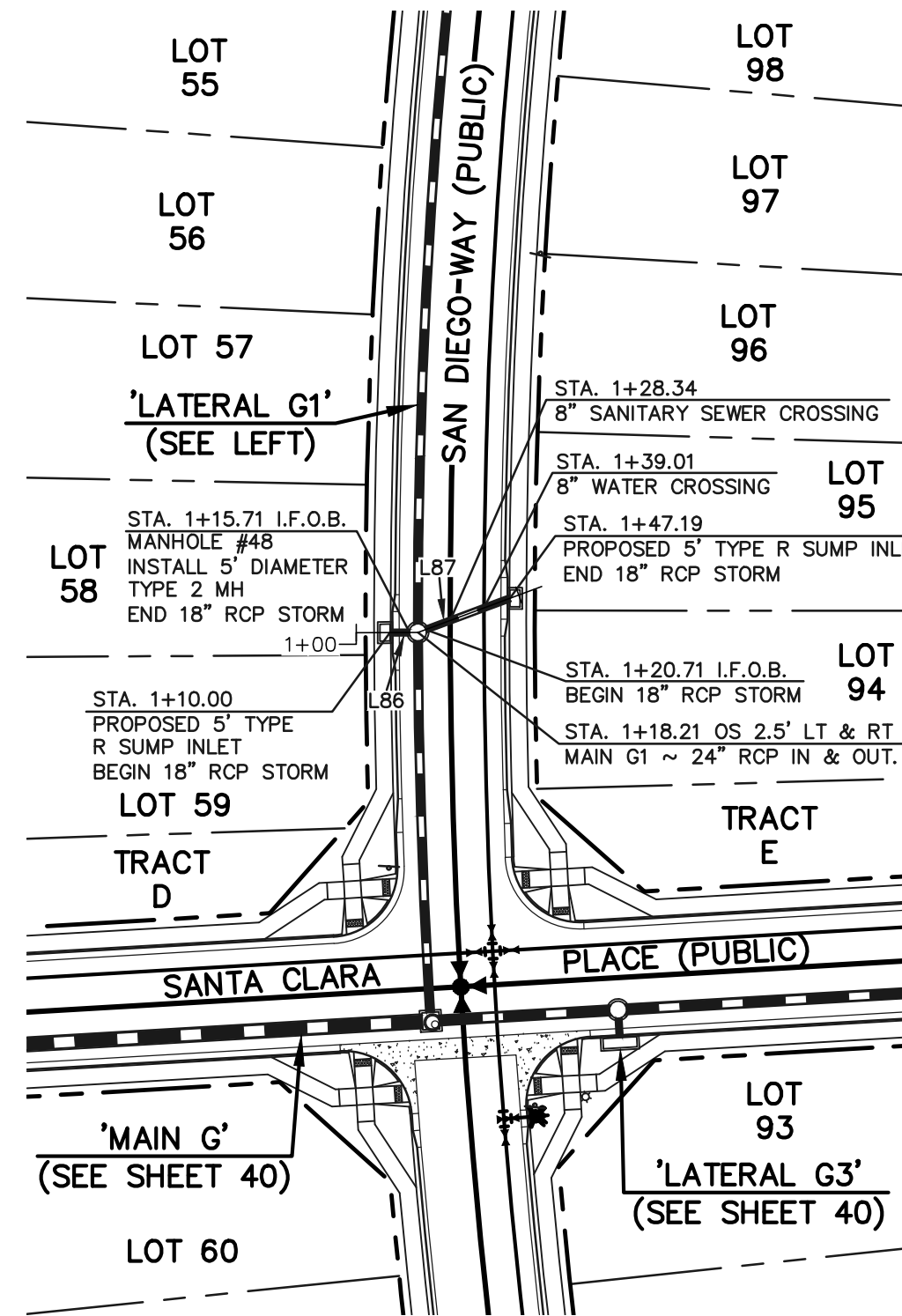
619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903
 (719)785-0790
 (719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC STORM SEWER PLAN
"MAIN G" STA: 1+00 - END/LATERAL G3 & G6

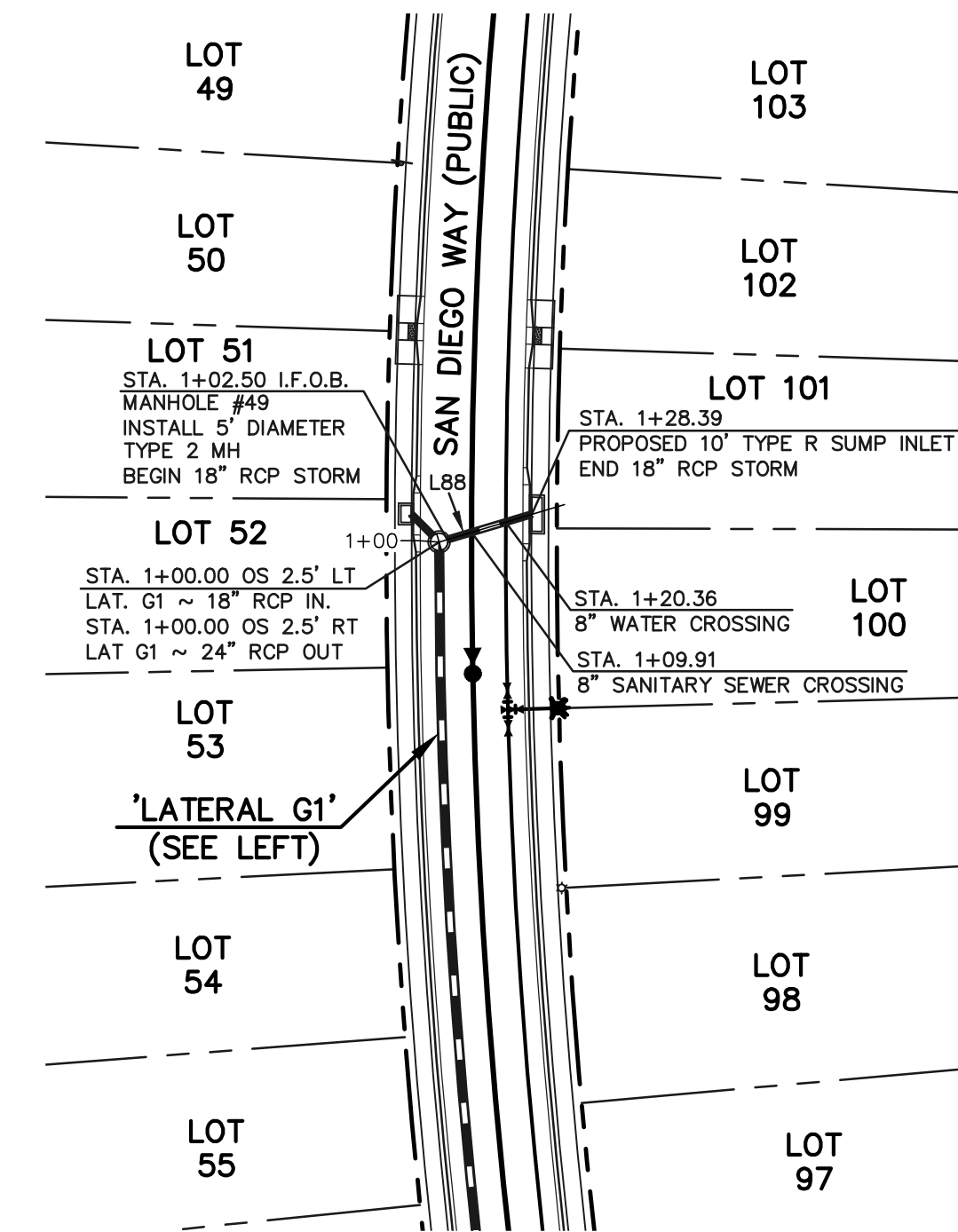
DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	40 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	



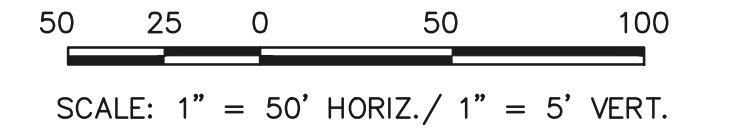
PUBLIC 18"/24" RCP STORM - 'LATERAL G1'



**PUBLIC 18" RCP STORM
'LATERAL G2'**



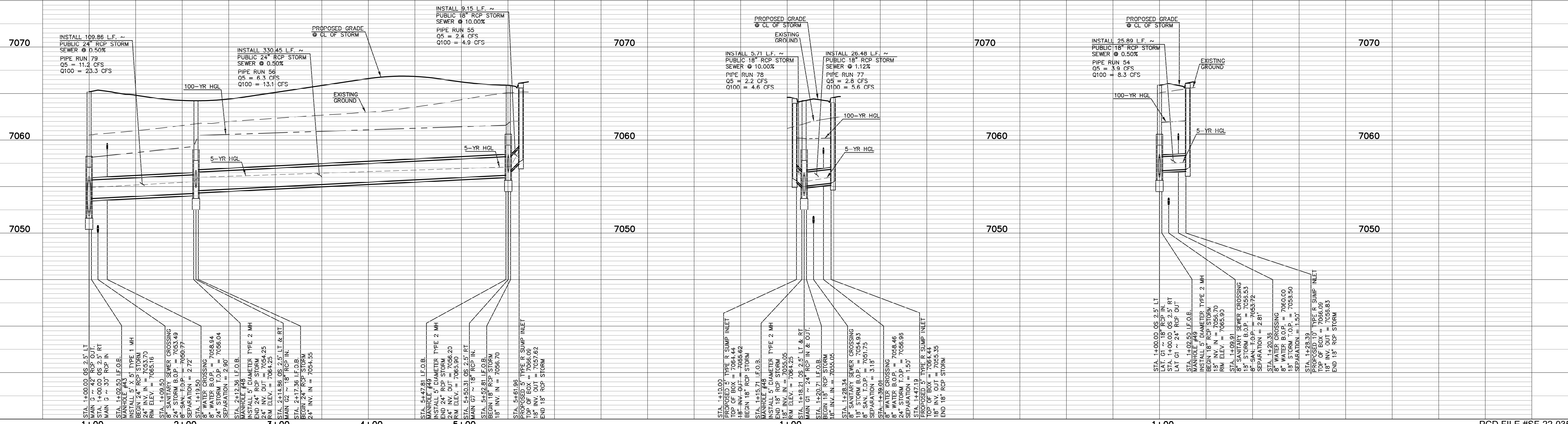
**PUBLIC 18" RCP STORM
'LATERAL G7'**



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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 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
			EXISTING ELECTRIC

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REVIEW:

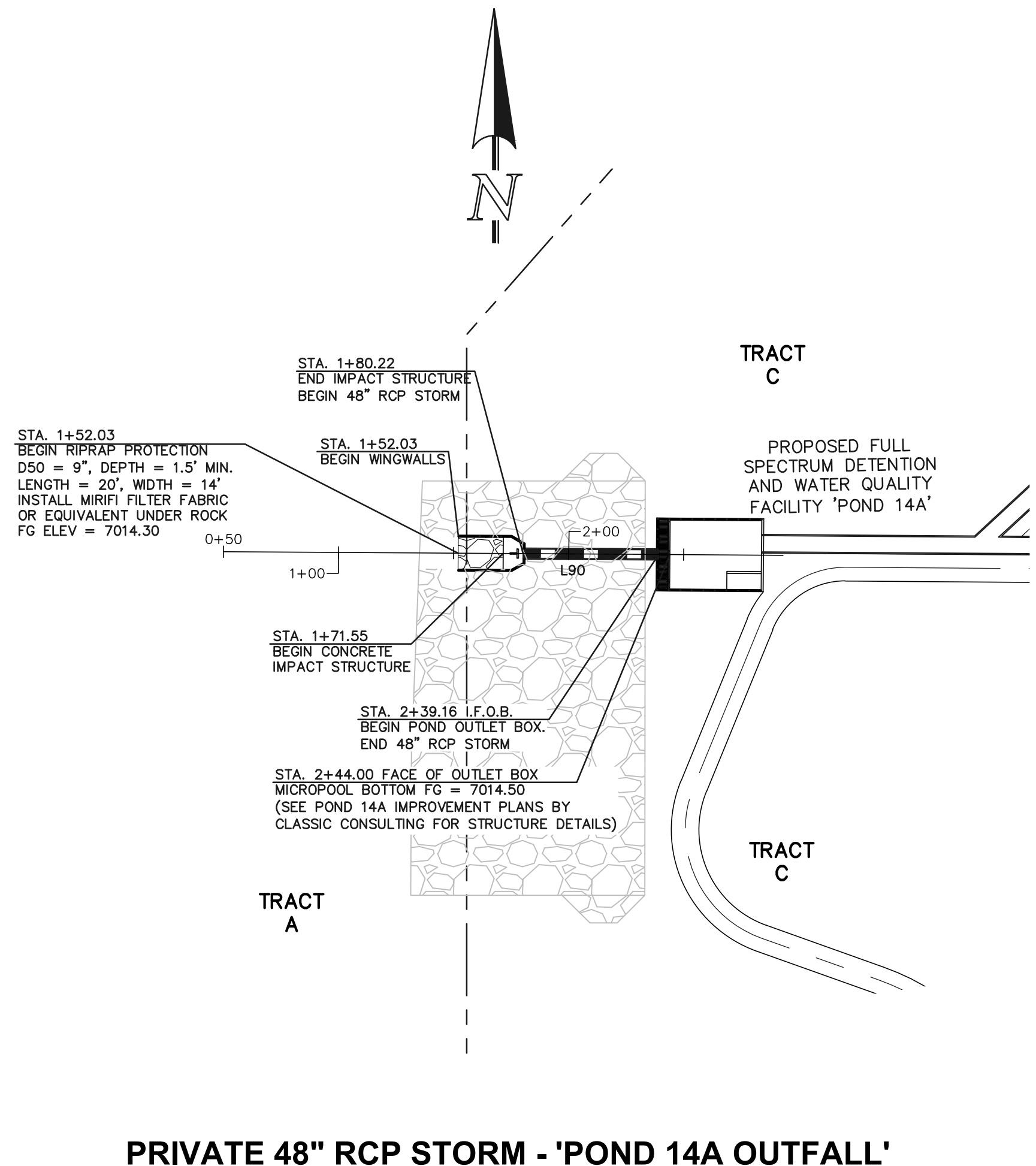
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

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

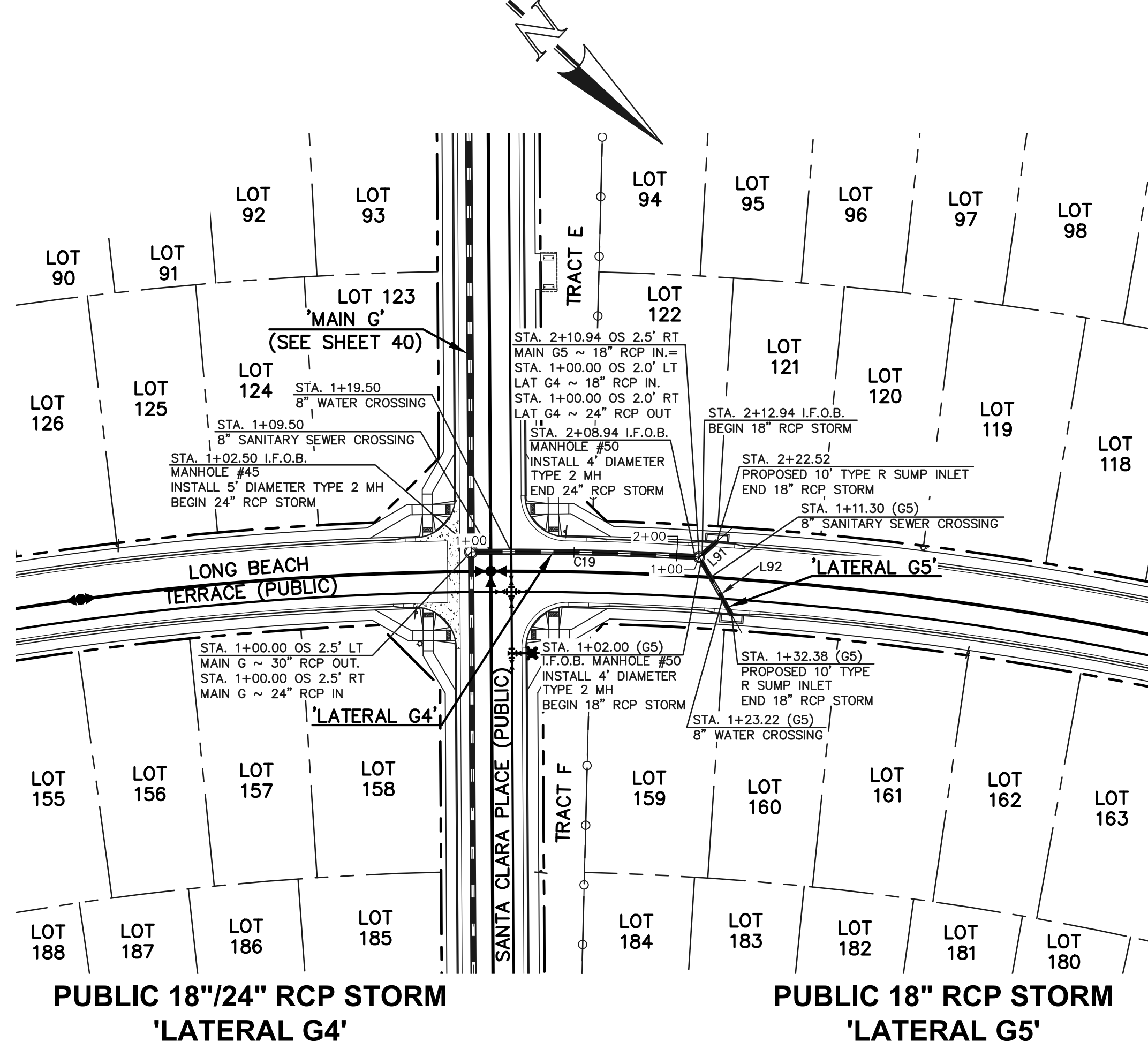
619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903
 (719)785-0790
 (719)785-0799(fax)

STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC 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	

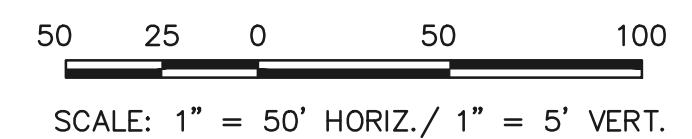


PRIVATE 48" RCP STORM - 'POND 14A OUTFALL'



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

PUBLIC 18" RCP STORM 'LATERAL G5'

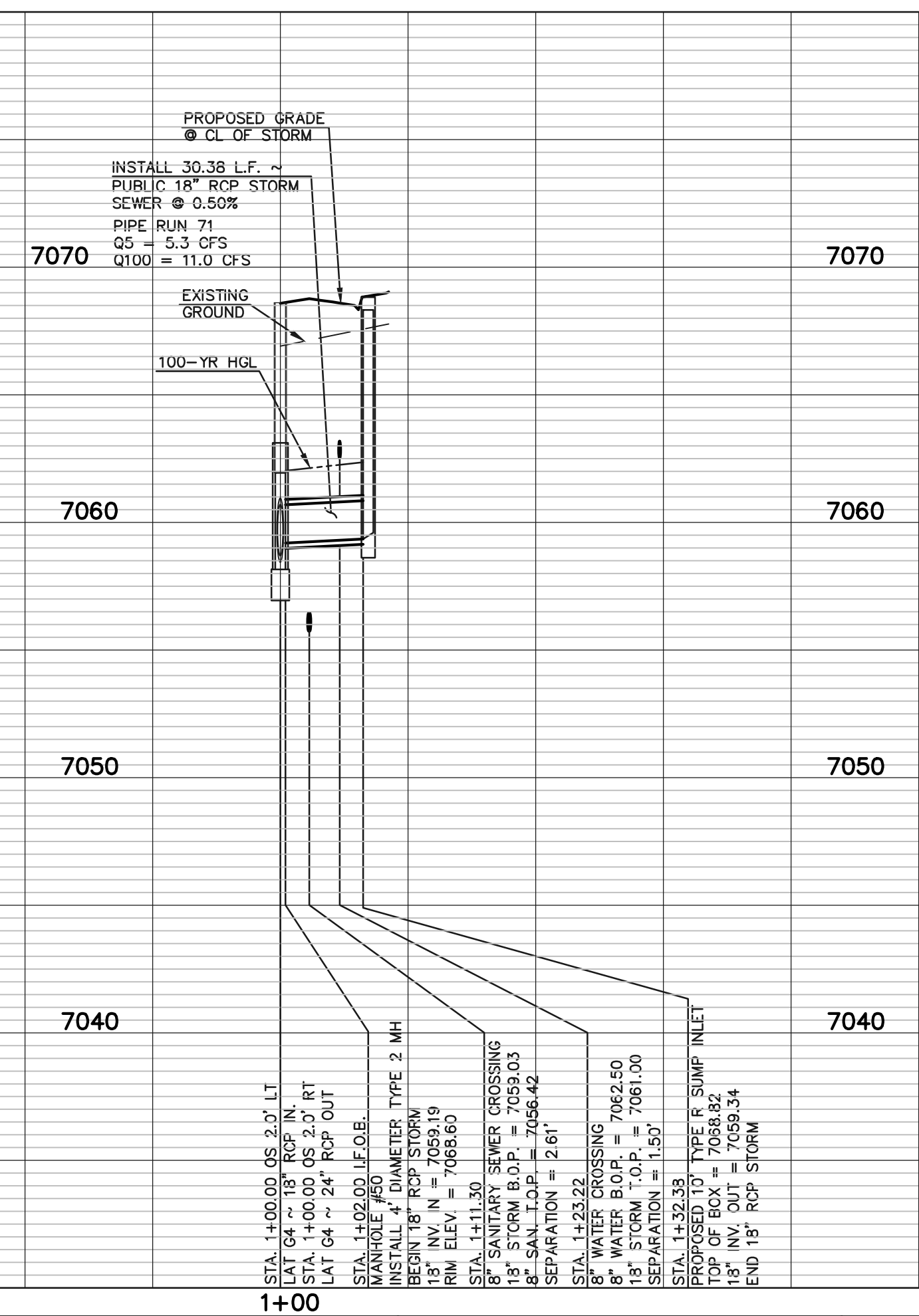
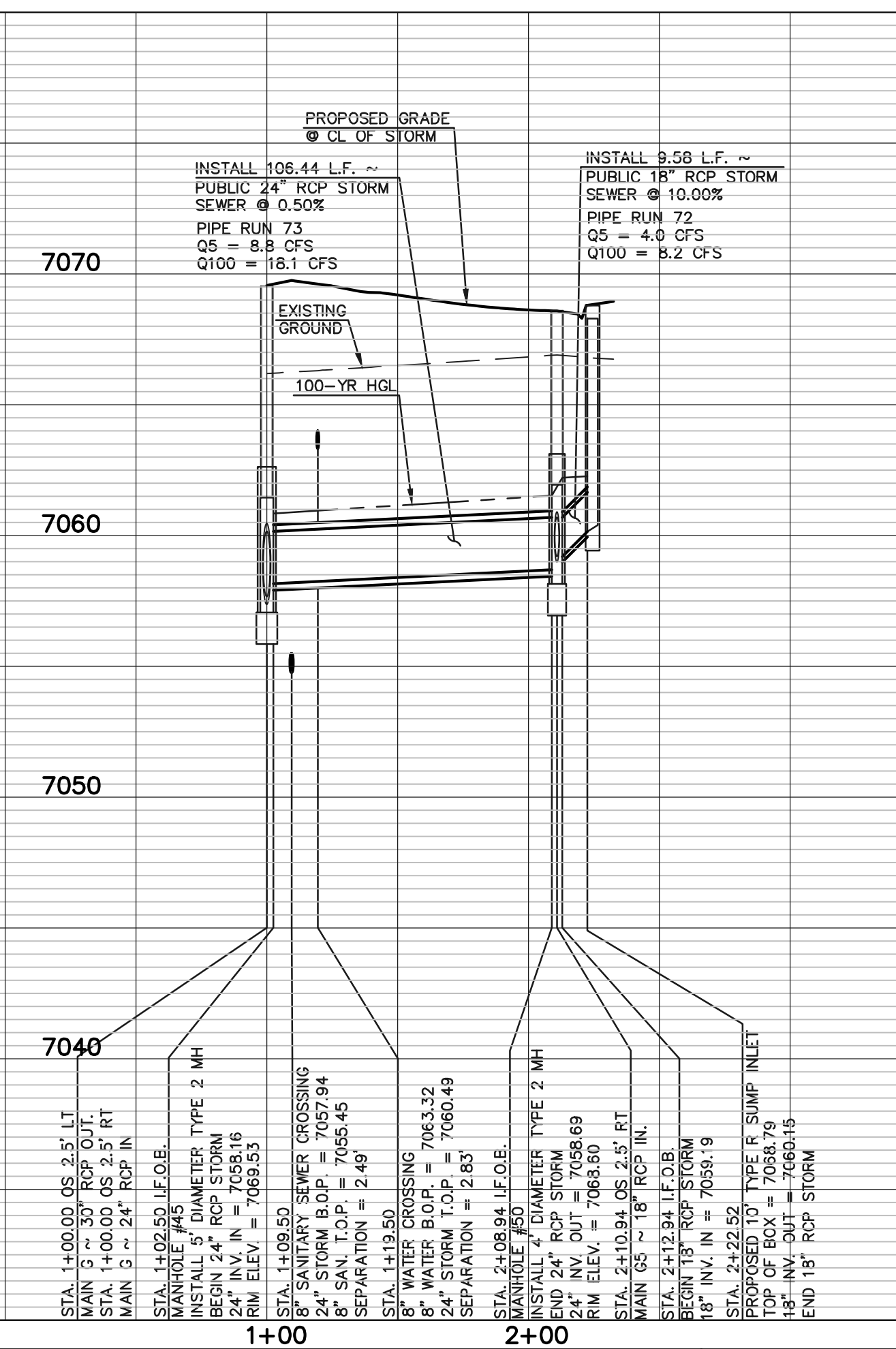
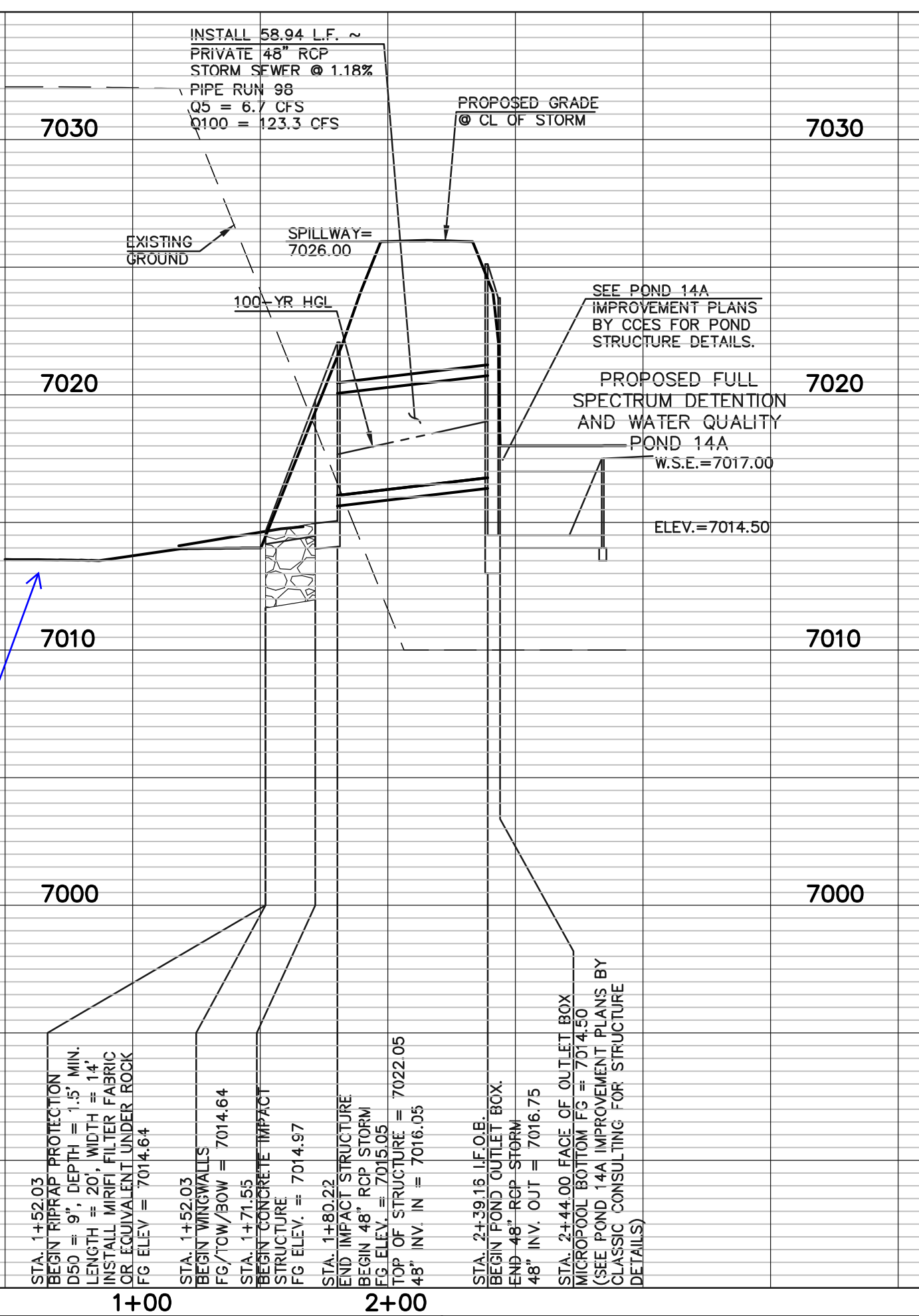


STORM LINE TABLE		
Line #	Length	Direction
L90	58.94	S89°37'48"E
L91	9.58	S84°24'08"E
L92	30.38	N17°40'01"E

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

NOTES:
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Unresolved; show trickle channel



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

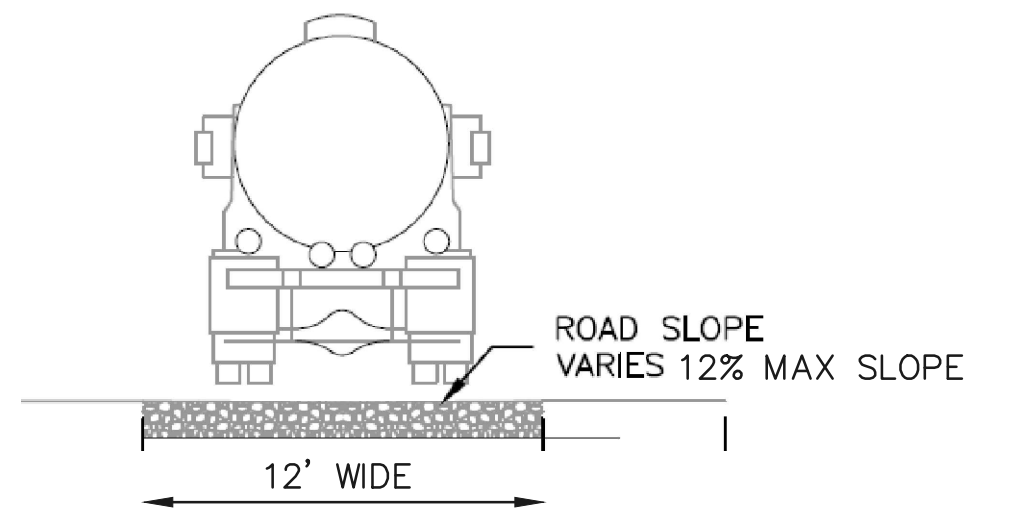
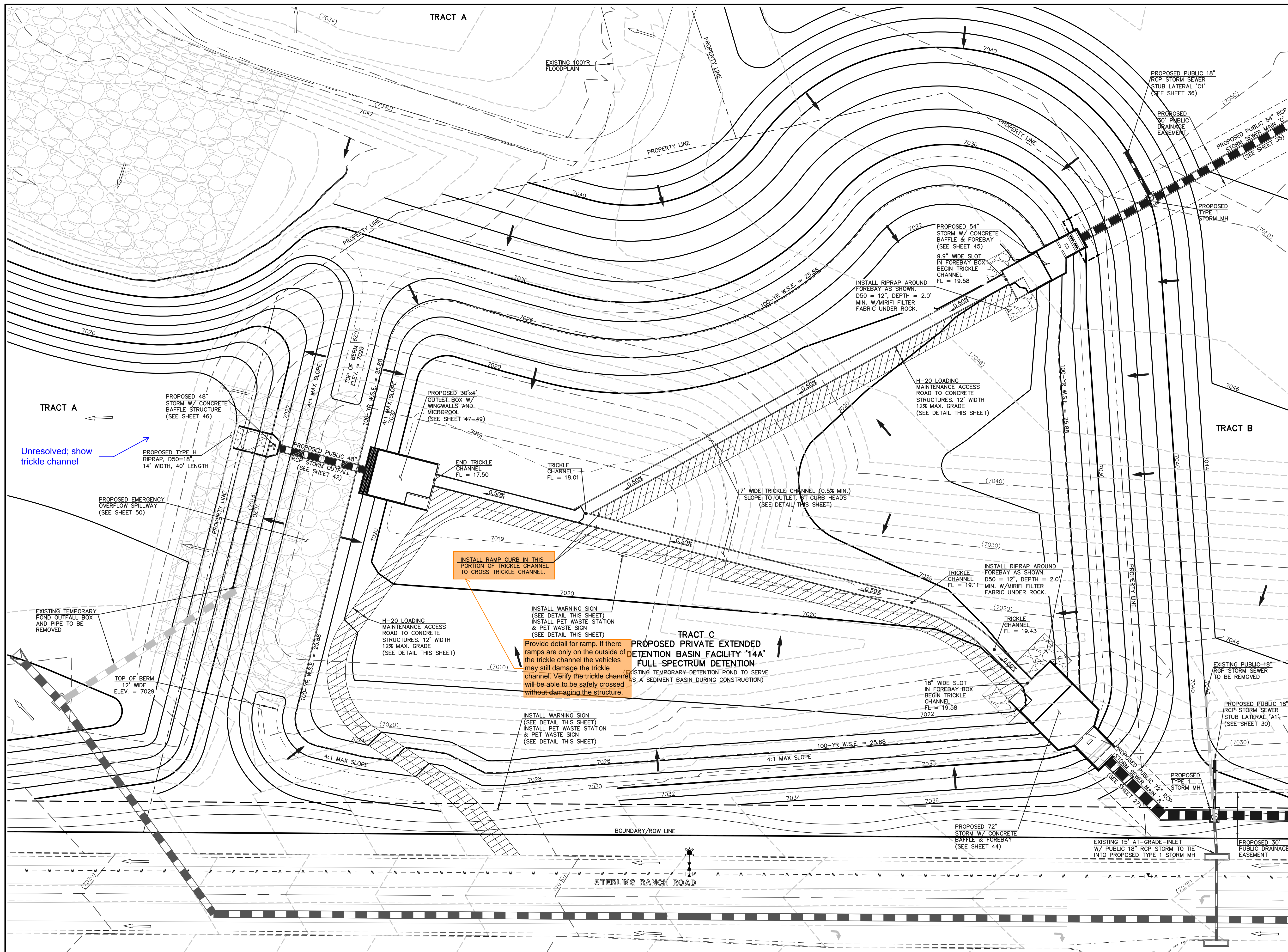
REVIEW:
 PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

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

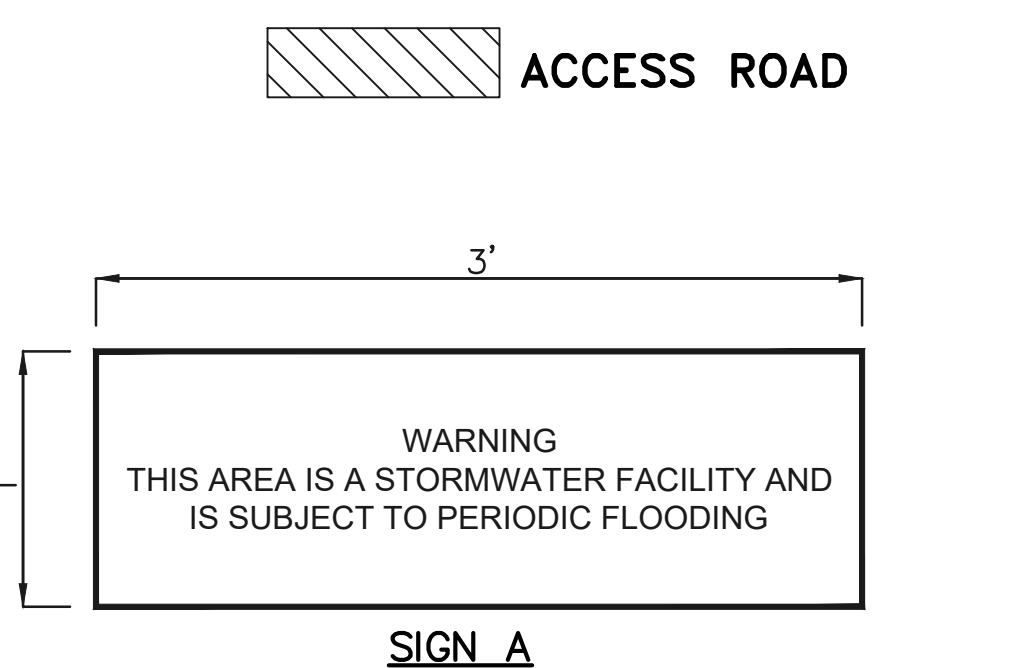


STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC STORM SEWER PLAN
 "POND OUTFALL"/LATERAL G4 & G5

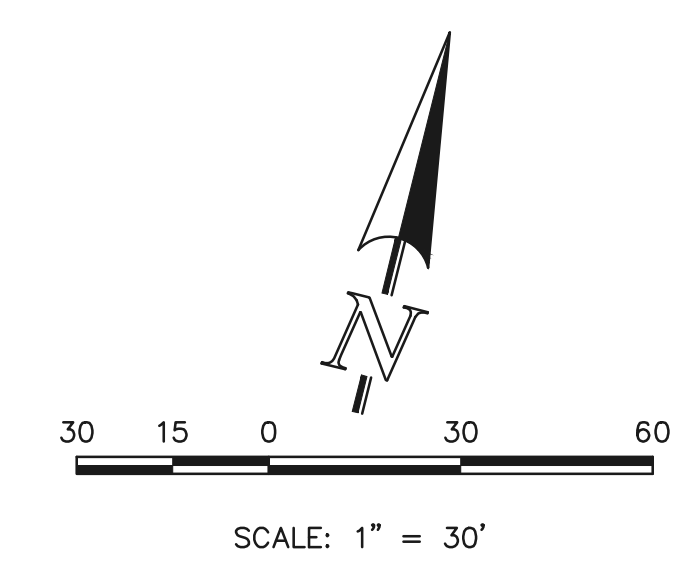
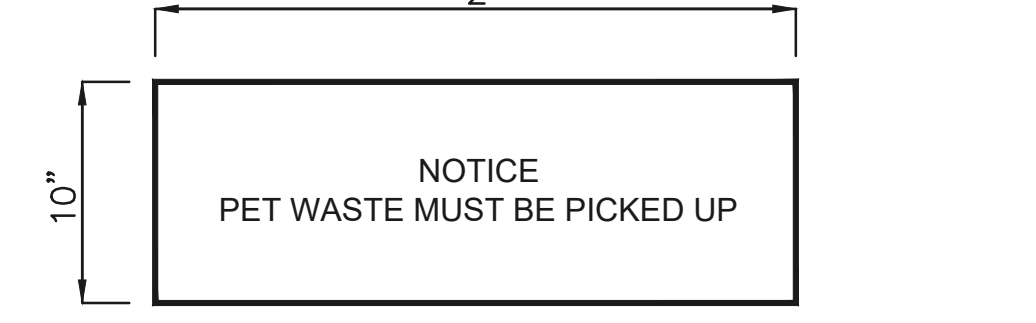
DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 50'	SHEET	42 OF 53
CHECKED BY	(V) 1" = 5'	JOB NO.	1183.30	



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.

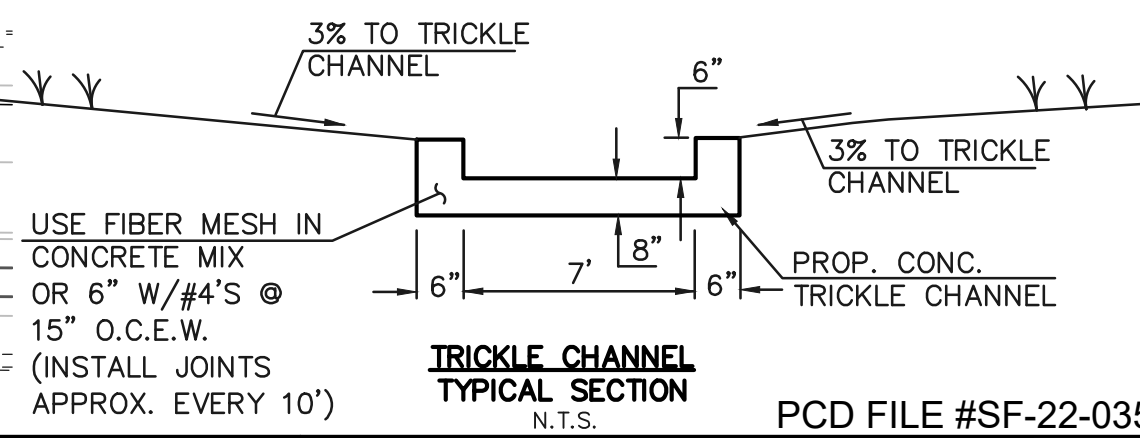


NOTES:
PROPOSED SIGNS SHALL BE FABRICATED OF DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND



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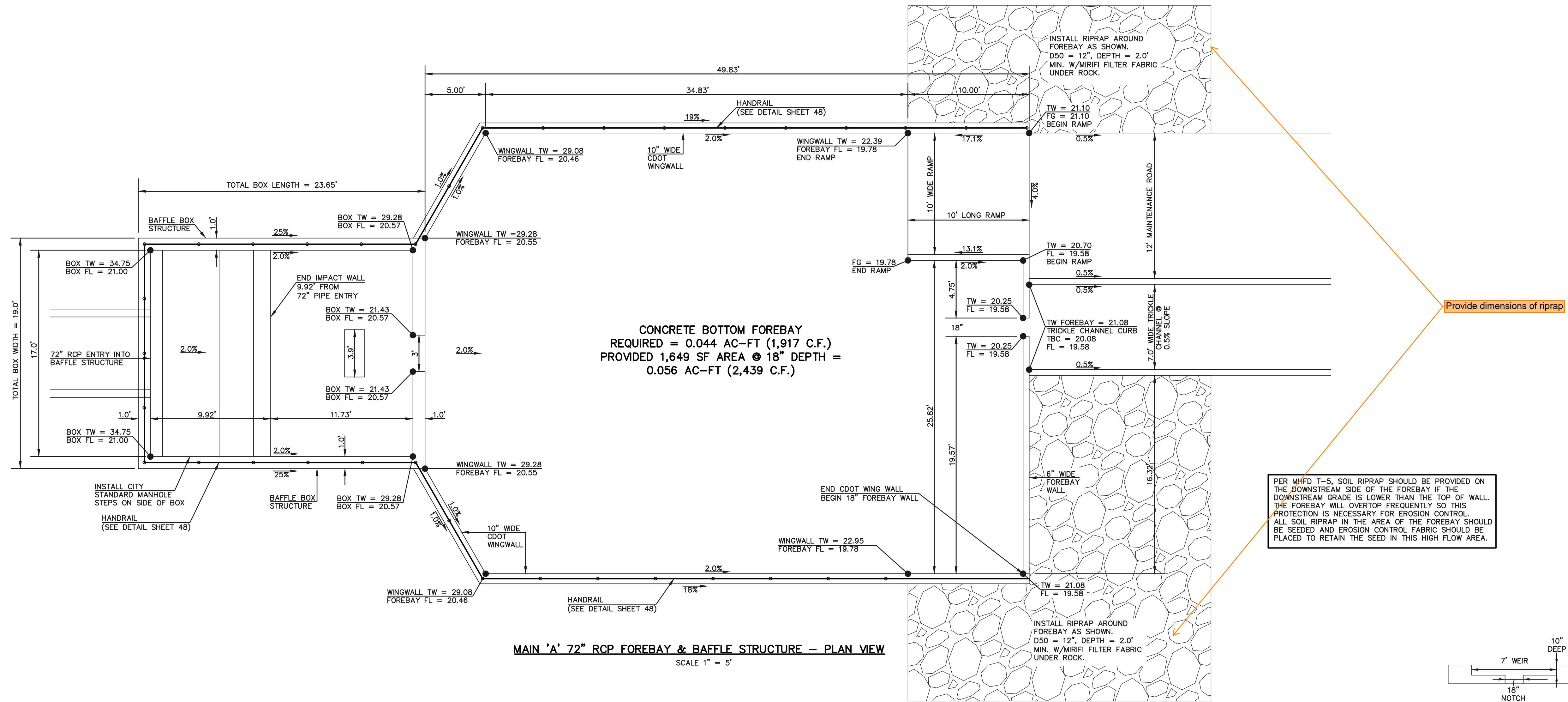
KYLE R. CAMPBELL, COLORADO P.E. #29794

DATE



STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS			
PUBLIC 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

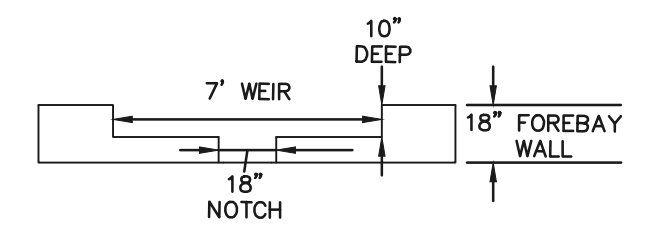
N:\118330\DRAWINGS\CONSTRUCTION\STERLING_RANCH\118330-530-17-pond.dwg, 3/31/2023 3:48:22 PM, 11



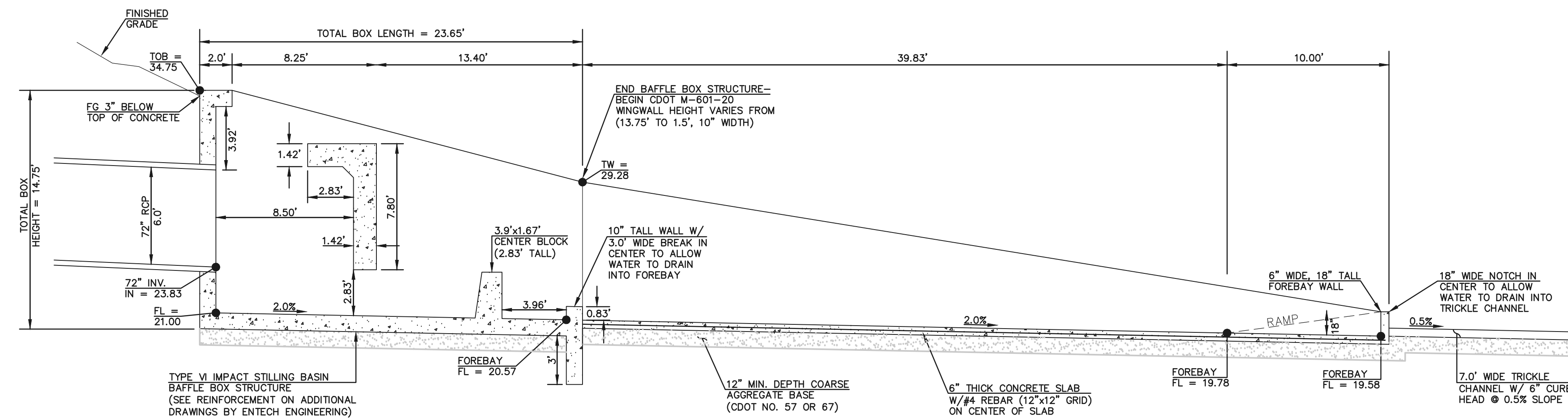
MAIN 'A' 72" RCP FOREBAY & BAFFLE STRUCTURE -- PLAN VIEW

SCALE 1" = 5'

PER MHD 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.



FOREBAY WEIR DETAIL
SCALE 1" = 5'



MAIN 'A' 72" RCP FOREBAY & BAFFLE STRUCTURE -- PROFILE VIEW

SCALE 1" = 5'

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

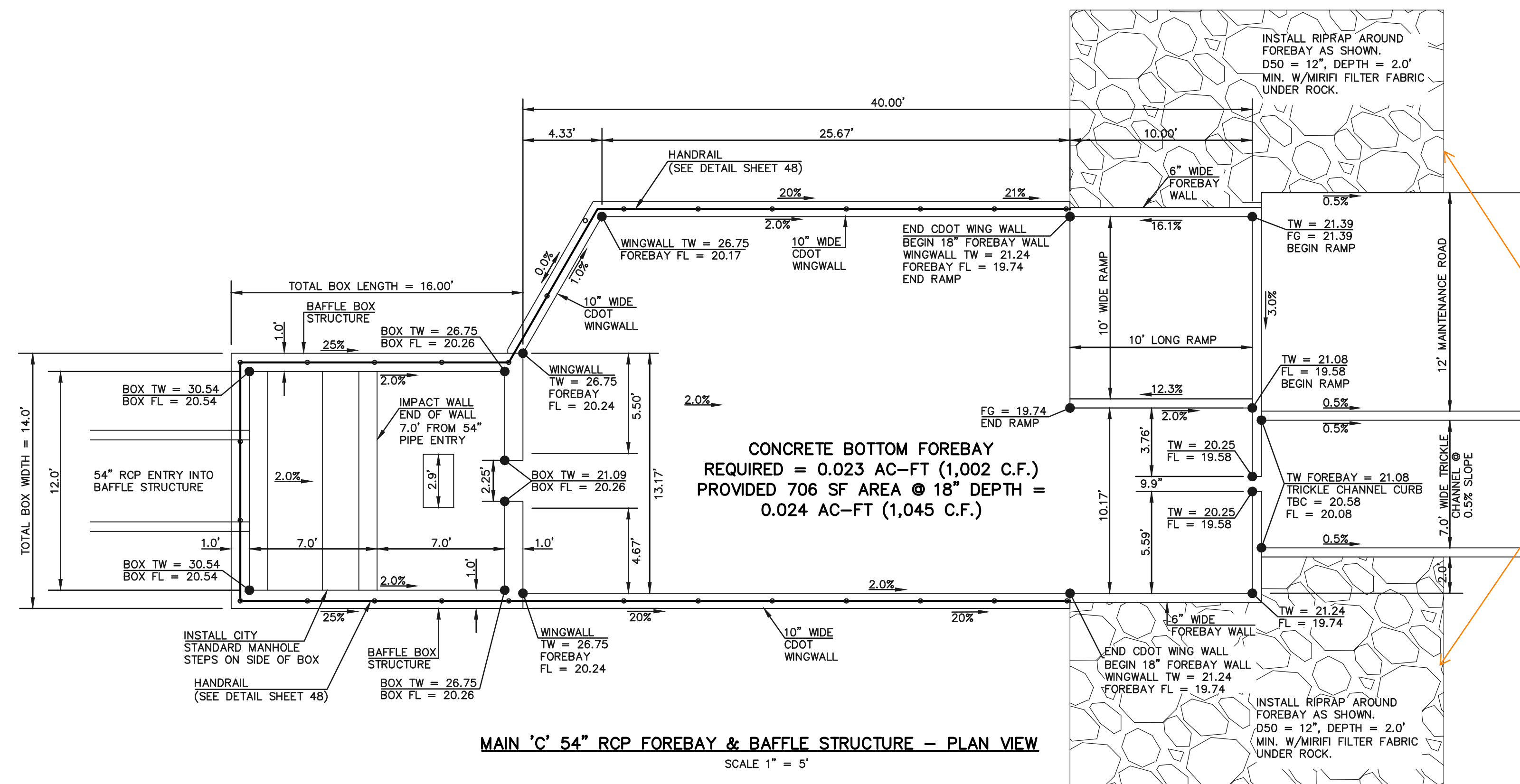
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



PCD FILE #SF-22-035

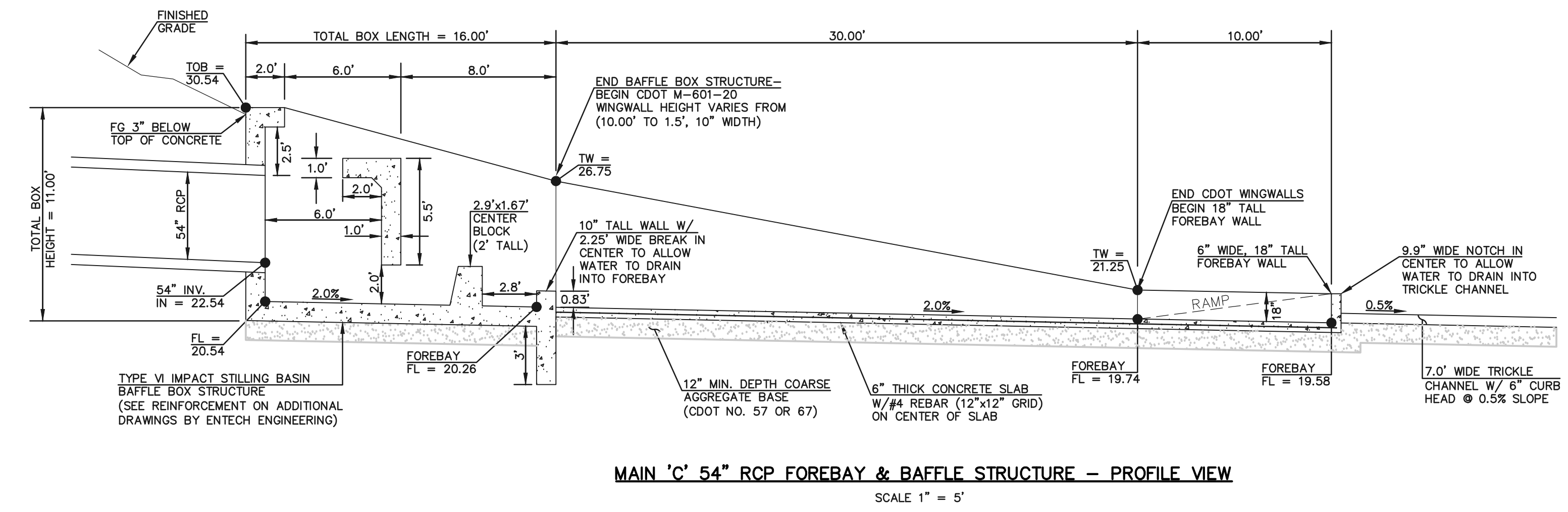
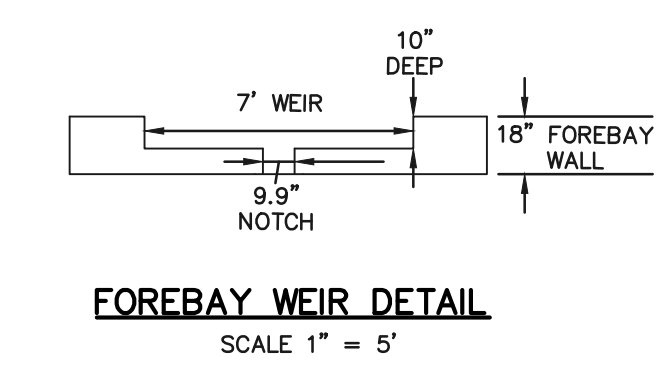
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC POND '14A'
MAIN 'A' - 72" IMPACT STRUCTURE & FOREBAY

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	



Provide dimensions of riprap

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.



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

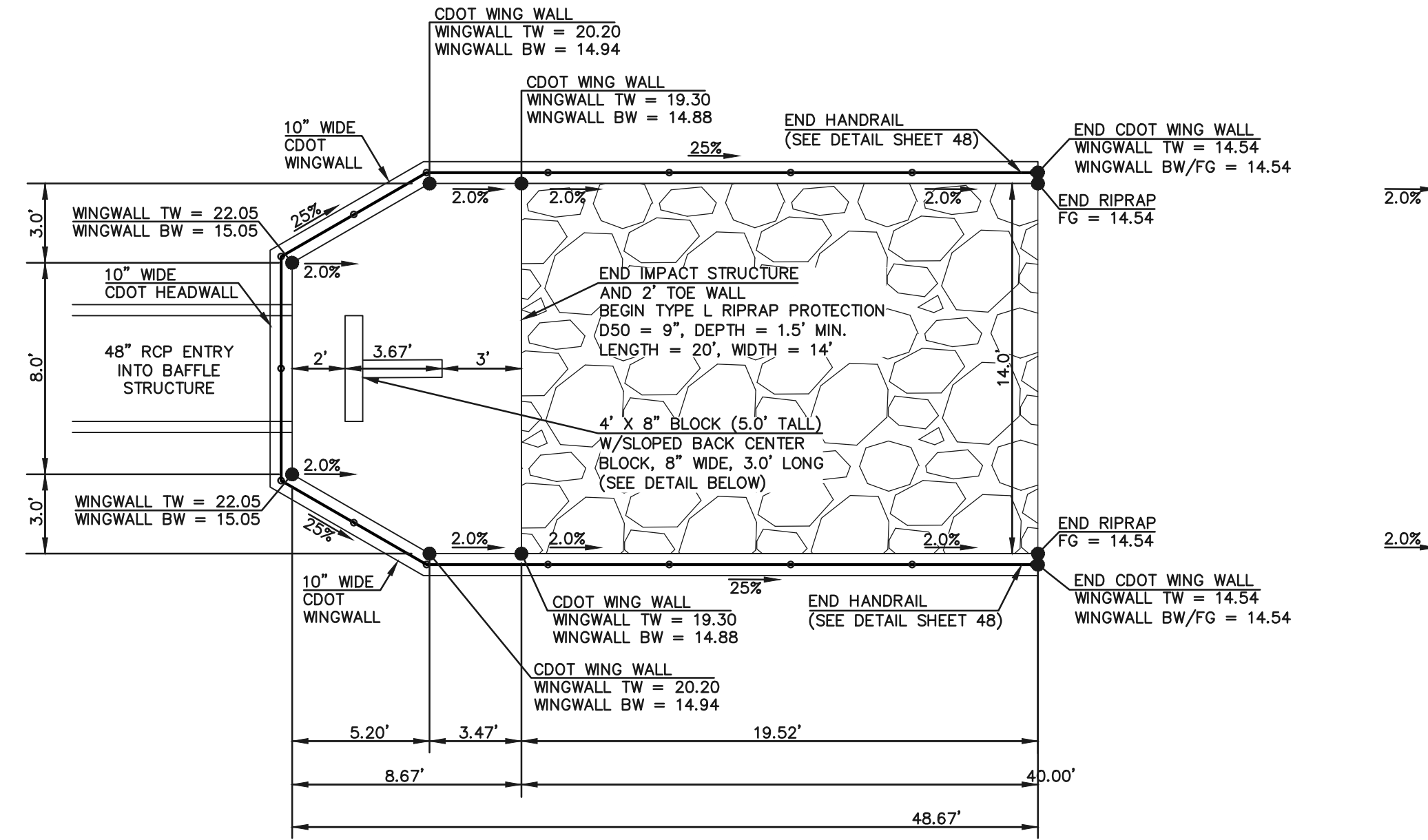


PCD FILE #SF-22-035

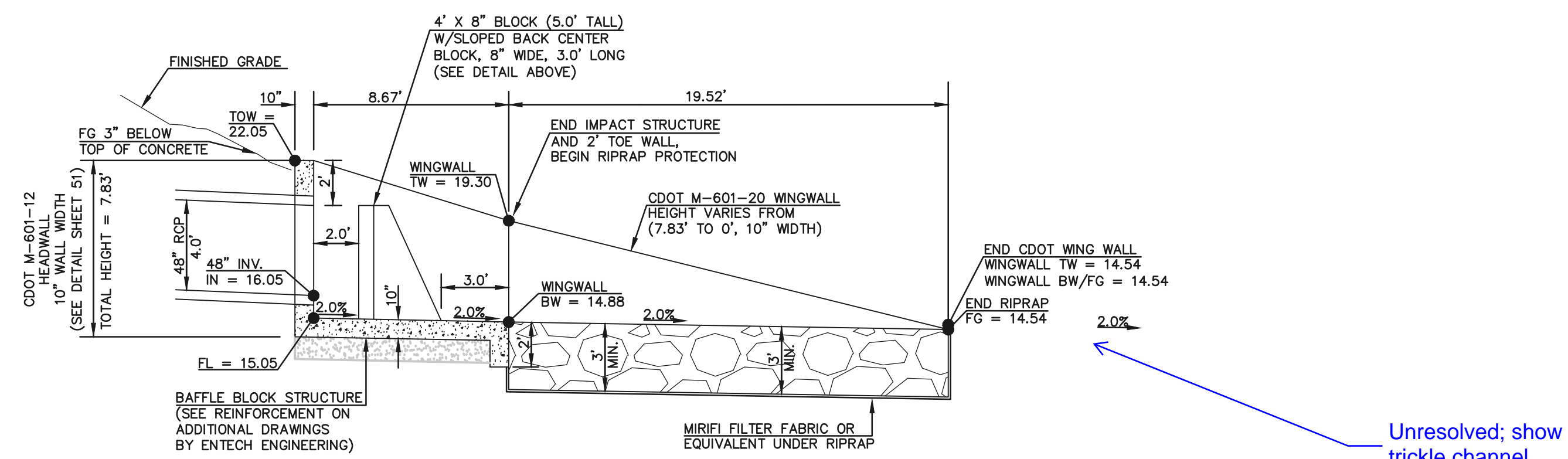
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
CONSTRUCTION POND '14A'
MAIN 'C' - 54" IMPACT STRUCTURE & FOREBAY

DESIGNED BY	MAL	SCALE	DATE	08/31/22
DRAWN BY	MES	(H) 1" = 5'	SHEET	45 OF 53
CHECKED BY	(V)	1" = N/A	JOB NO.	1183.30

N:\118330\DRAWINGS\CONSTRUCT\DW\ST080\45-118330-570-19-structure 54m.dwg, 3/31/2023 3:51:34 PM, 1:1



'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'

Unresolved; show trickle channel

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NO.	REVISION	DATE

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

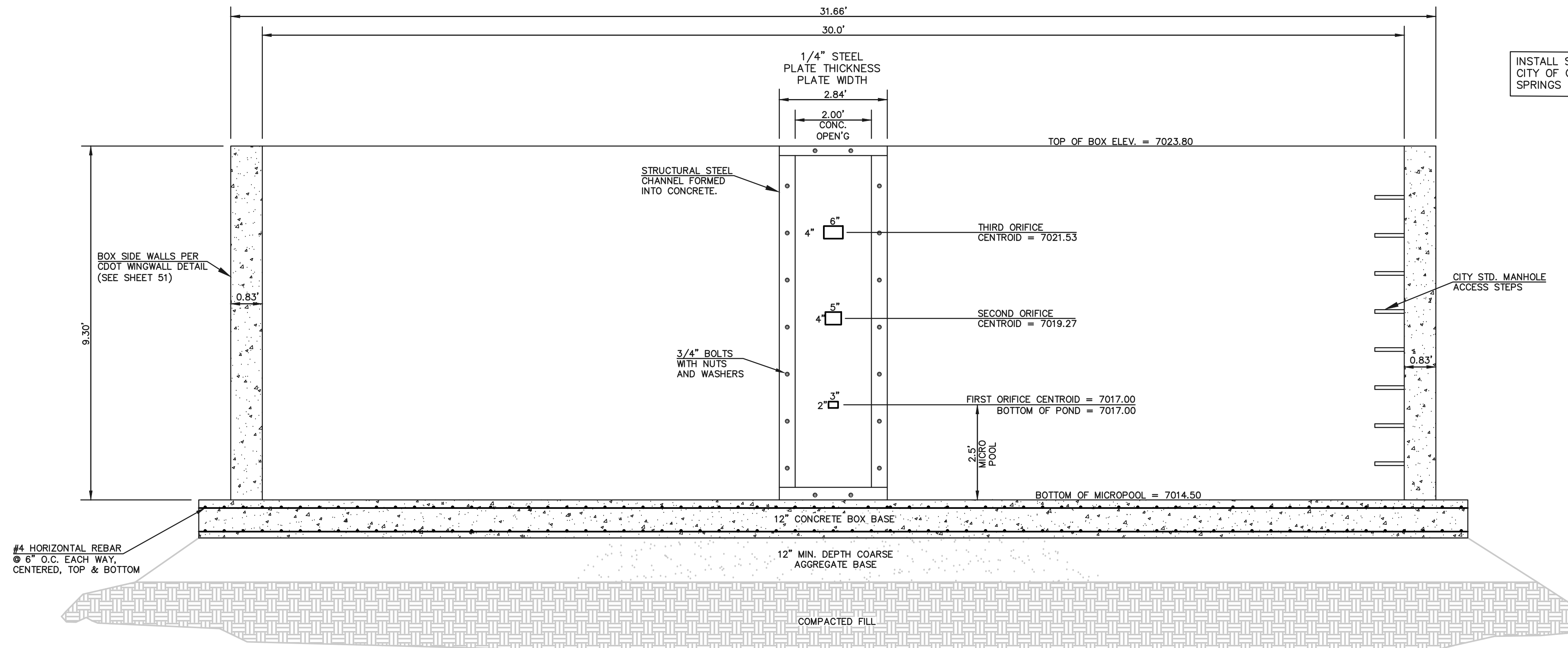
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



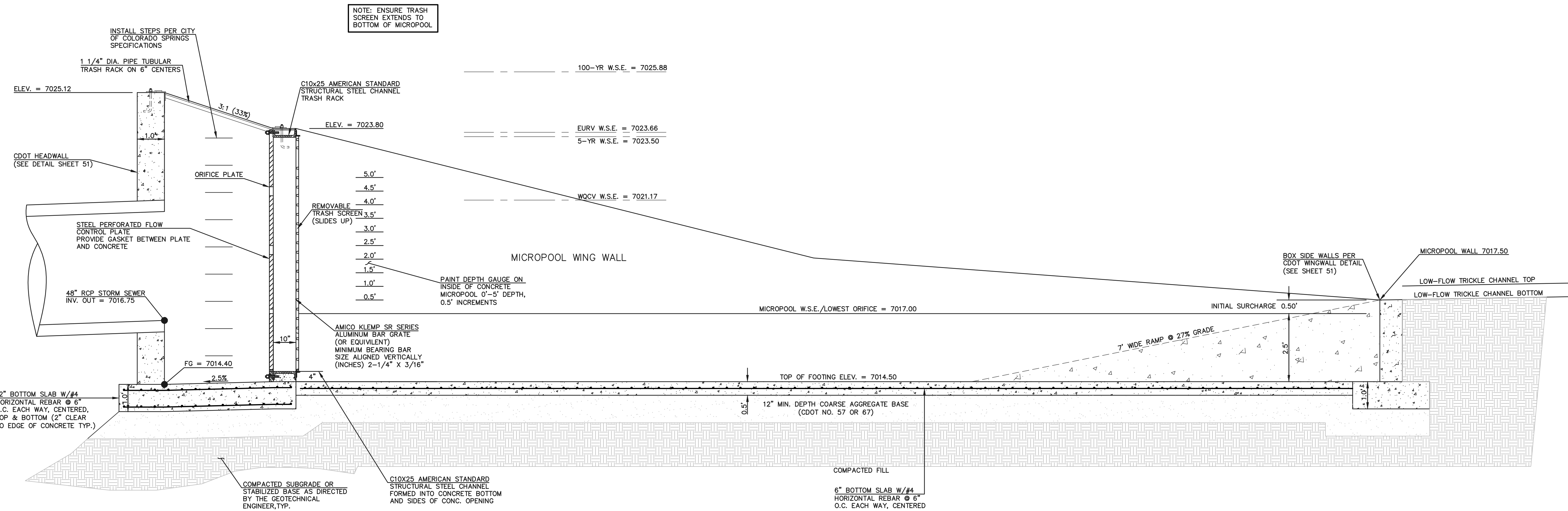
PCD FILE #SF-22-035

STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS PUBLIC 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

N:\118330\DRAWINGS\CONSTRUCTION\ST080\46-118330-500-20-structure 48in.dwg, 3/31/2023, 3:52:26 PM, 1:1



30'x4' OUTLET BOX ORIFICE PLATE
SCALE 1" = 2'



30'x4' OUTLET BOX MICRO POOL
SCALE 1" = 2'

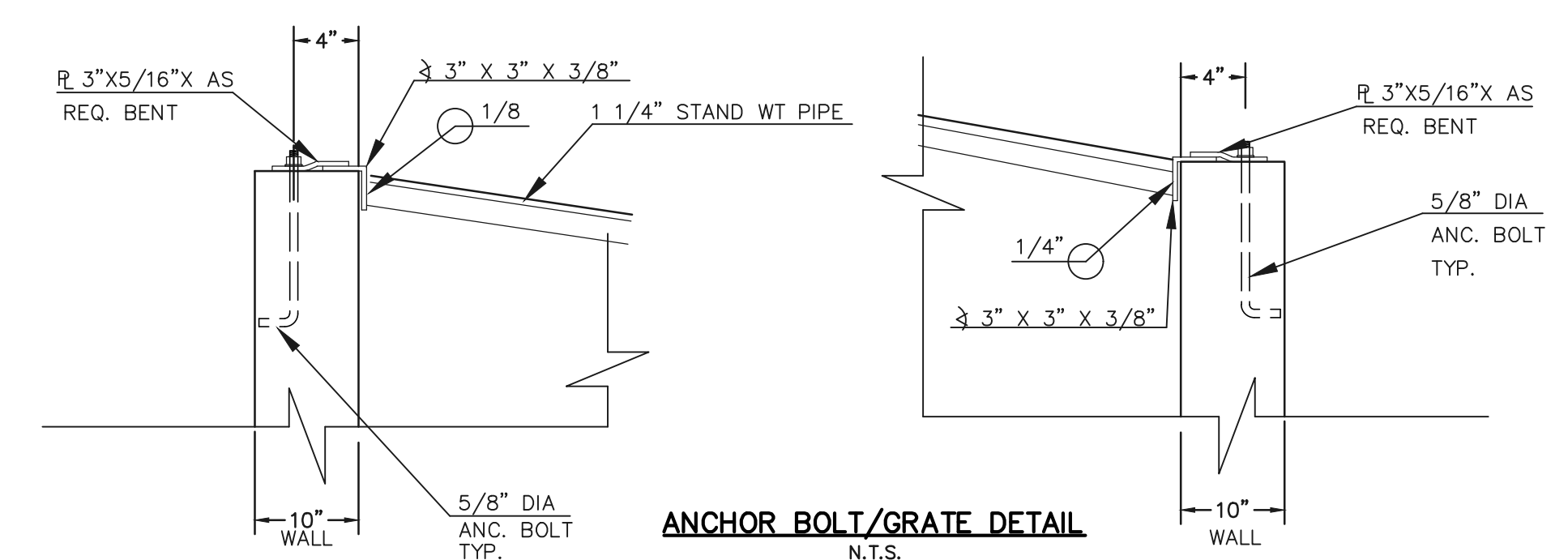
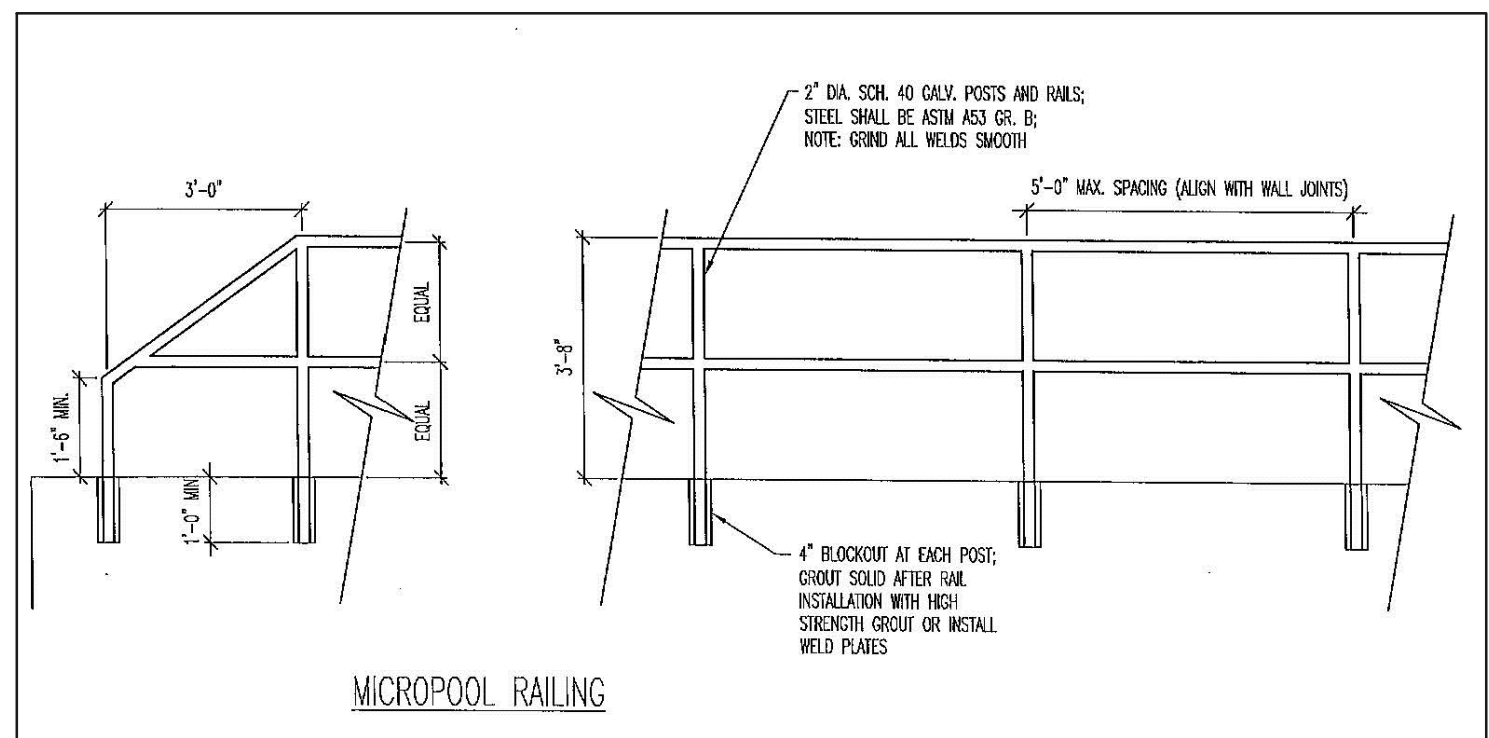
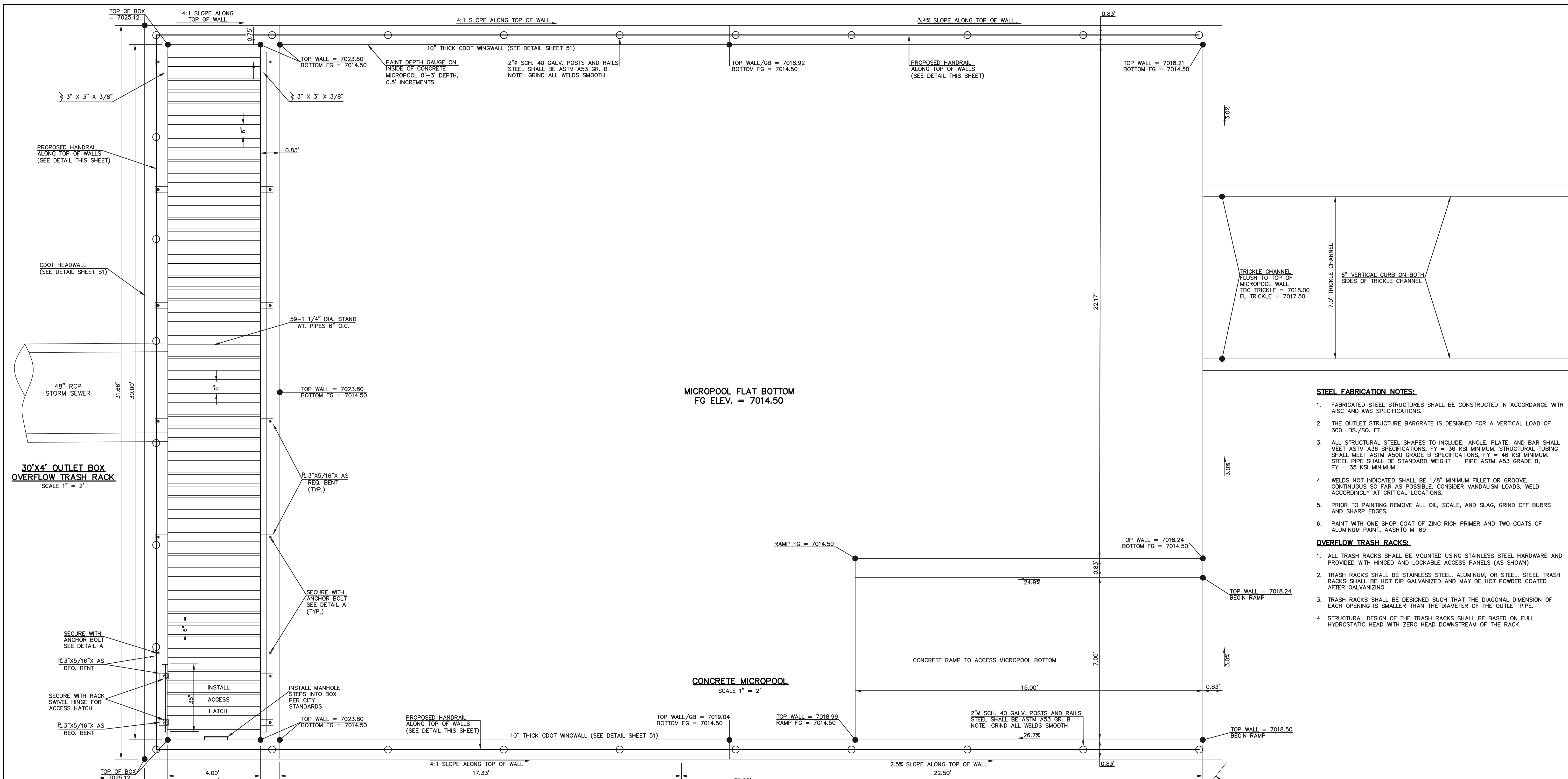
<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS</p> <p>811</p> <p>UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING 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	REVIEW:

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

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

<p>STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS PUBLIC POND '14A' POND OUTLET BOX - PROFILE VIEW</p>			
DESIGNED BY	MAL	SCALE	DATE 08/31/22
DRAWN BY	MES	(H) 1" = 2'	SHEET 47 OF 53
CHECKED BY	(V) 1" = N/A	JOB NO.	1183.30

PCD FILE #SF-22-035



NOTES:

- WELD PLATES MAY BE SUBSTITUTED FOR PIPE EMBEDMENT.
- DESIGN CRITERIA SHALL BE IN ACCORDANCE WITH AASHTO STANDARDS.
- HANDRAIL DESIGN SHALL BE COMPATIBLE WITH THE DESIGN OF THE WINGWALLS AND HEADWALLS.
- RAILING POSTS SHALL BE SET TO NORMAL TO GRADE. RAILS SHALL RUN PARALLEL TO THE SLOPES OF TOPS OF THE WALLS.
- ALL RAILS SHALL HAVE EXPANSION JOINTS SPACED AT 40'-0" MAX. JOINT ENDS SHALL BE FREE OF ANY SHARP EDGES OR CORNERS.
- HANDRAIL FINISH SHALL BE ONE COAT RED METAL PRIMER AND TWO COATS ENAMEL (RUSTOLEUM OR EQUIVALENT), COLOR SHALL BE APPROVED BY ENGINEER PRIOR TO APPLICATION.

INLET/OUTLET BOX RAILING
N.T.S.

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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



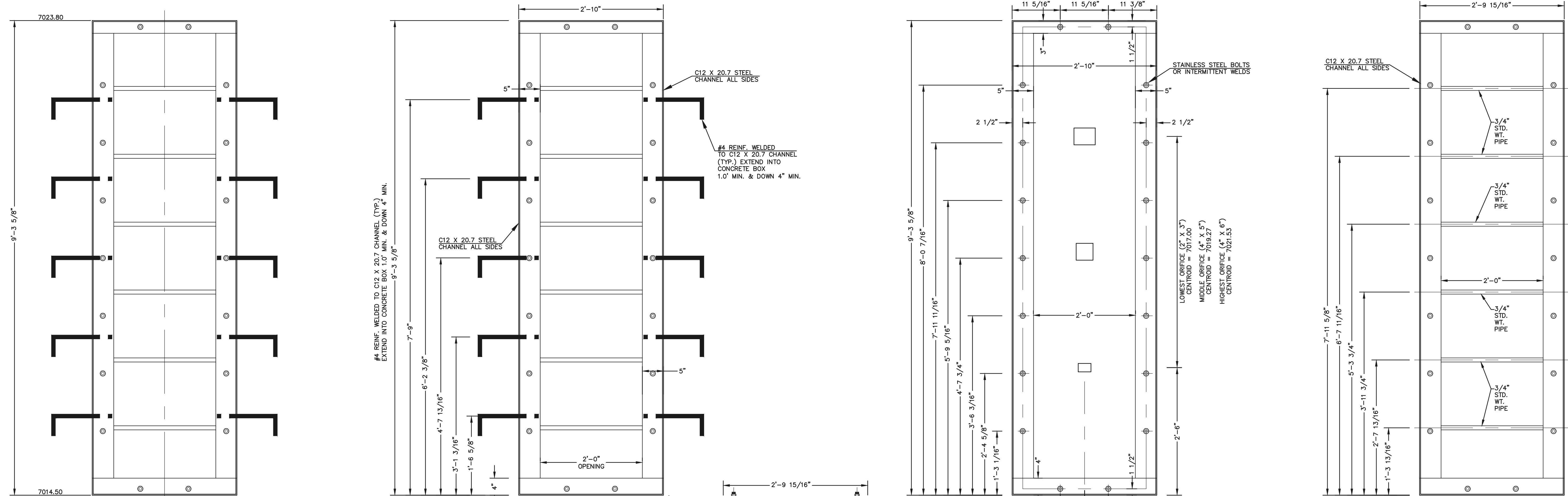
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS
PUBLIC POND '14A'
POND OUTLET BOX AND MICROPOOL DETAILS

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

PCD FILE #SF-22-035

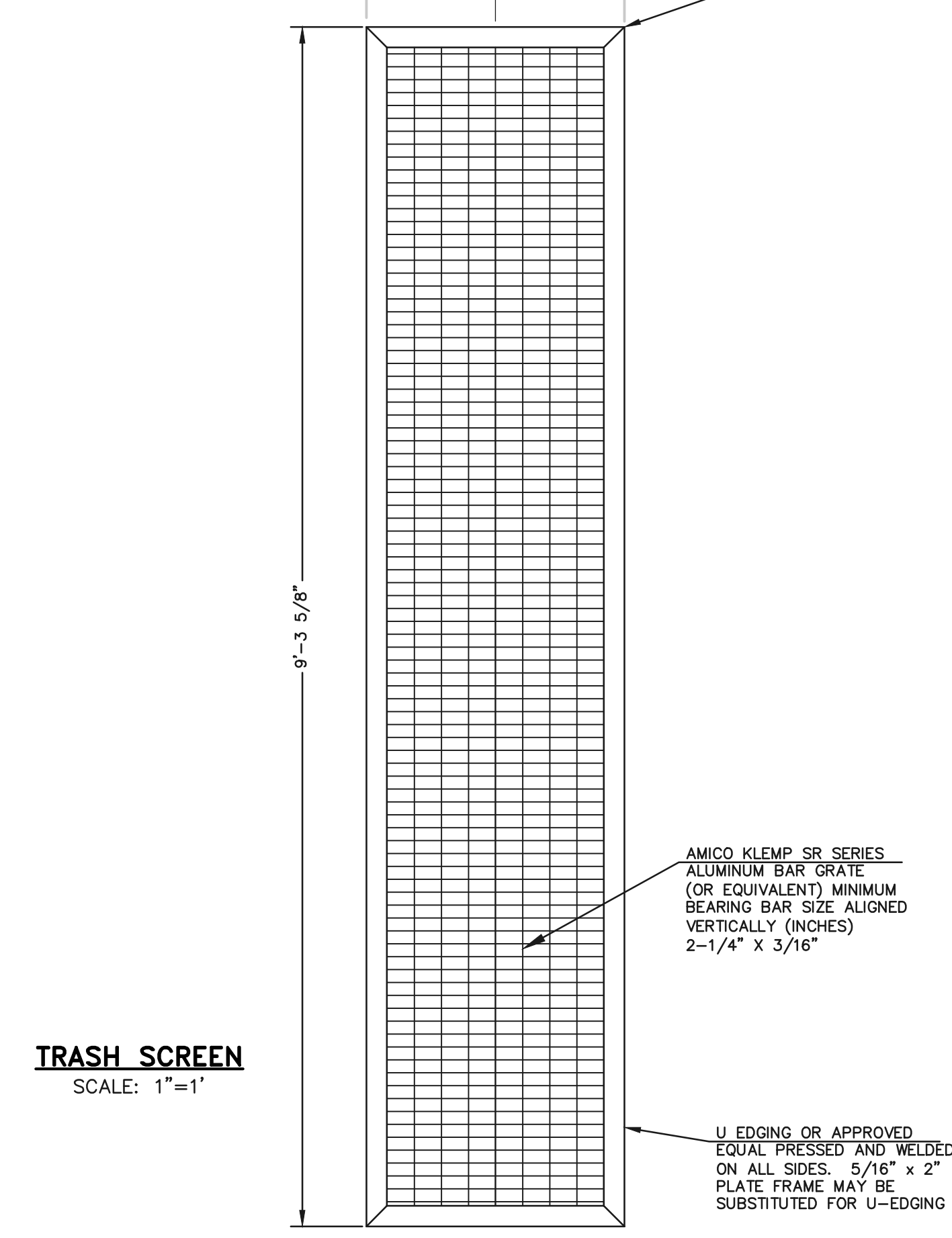


OUTLET CONTROL PLATE AND FRAME
SCALE: 1"=1'

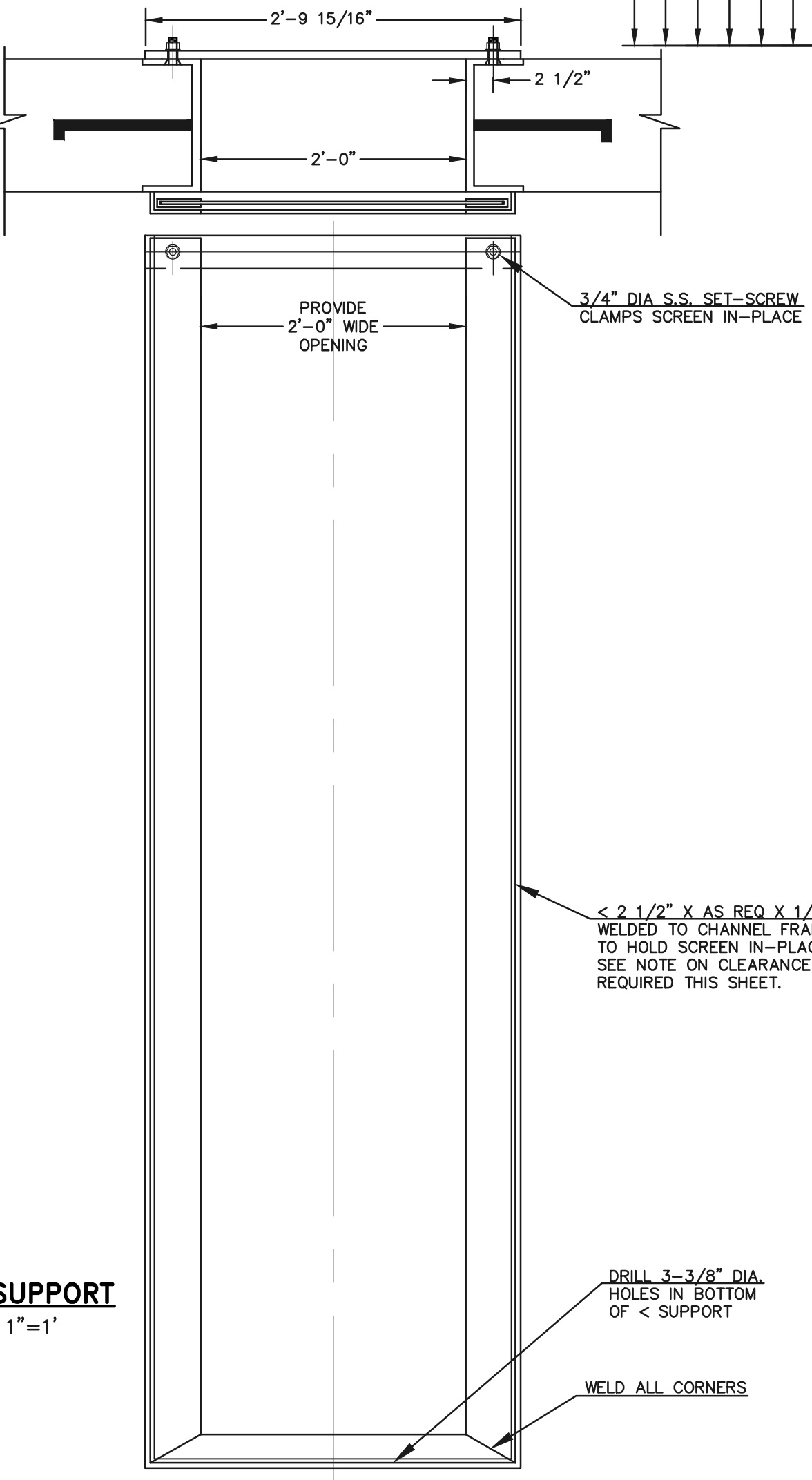
CHANNEL FRAME WITH WALL ANCHORS
SCALE: 1"=1'

1/4" THICK ORIFICE PLATE
SCALE: 1"=1'

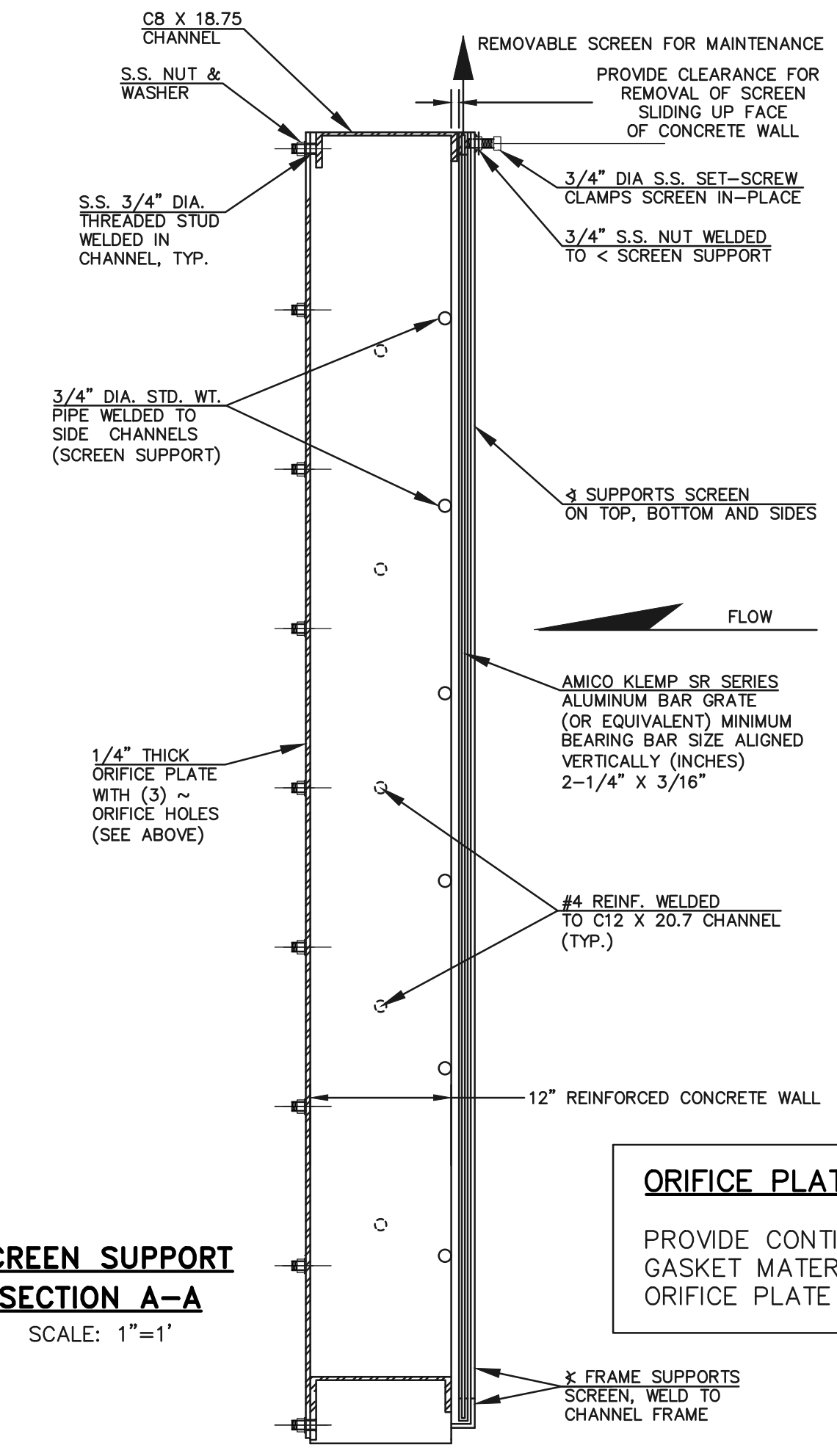
CHANNEL FRAME
SCALE: 1"=1'



TRASH SCREEN
SCALE: 1"=1'



SCREEN SUPPORT
SCALE: 1"=1'



SCREEN SUPPORT SECTION A-A
SCALE: 1"=1'

ORIFICE PLATE NOTE:
PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE

<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS</p> <p>811 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>		<p>NO. REVISION</p> <p>DATE</p>	<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>
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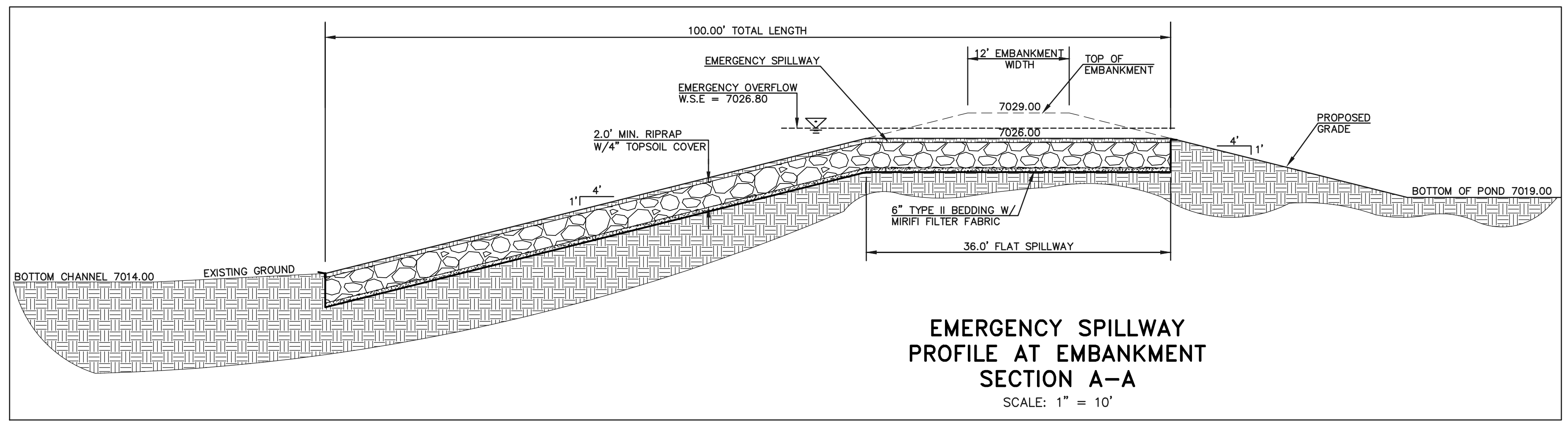
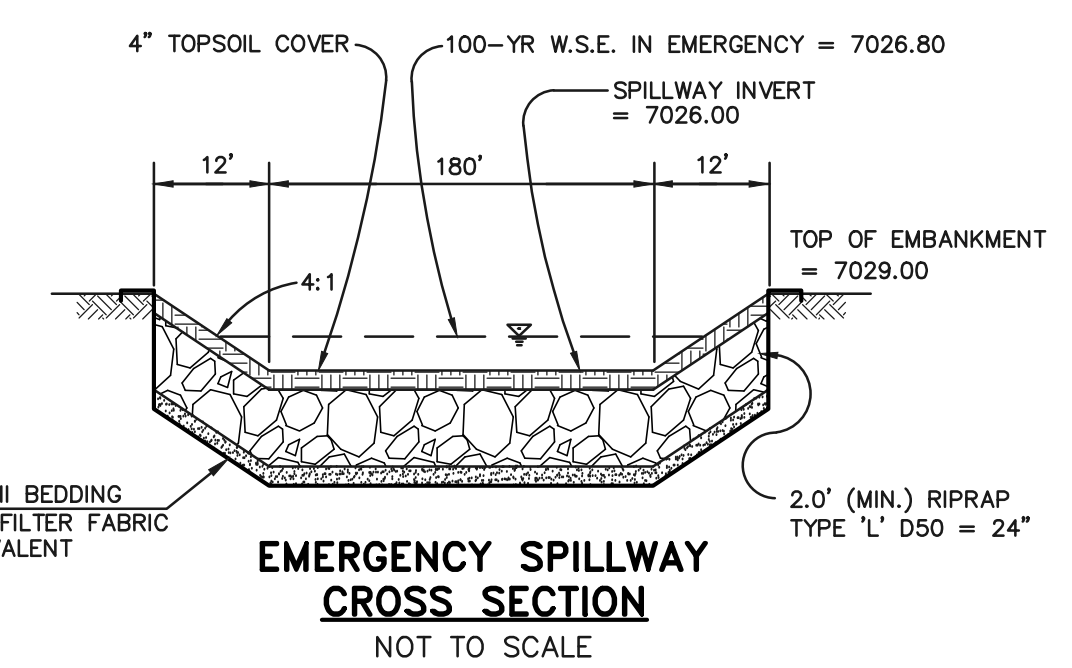
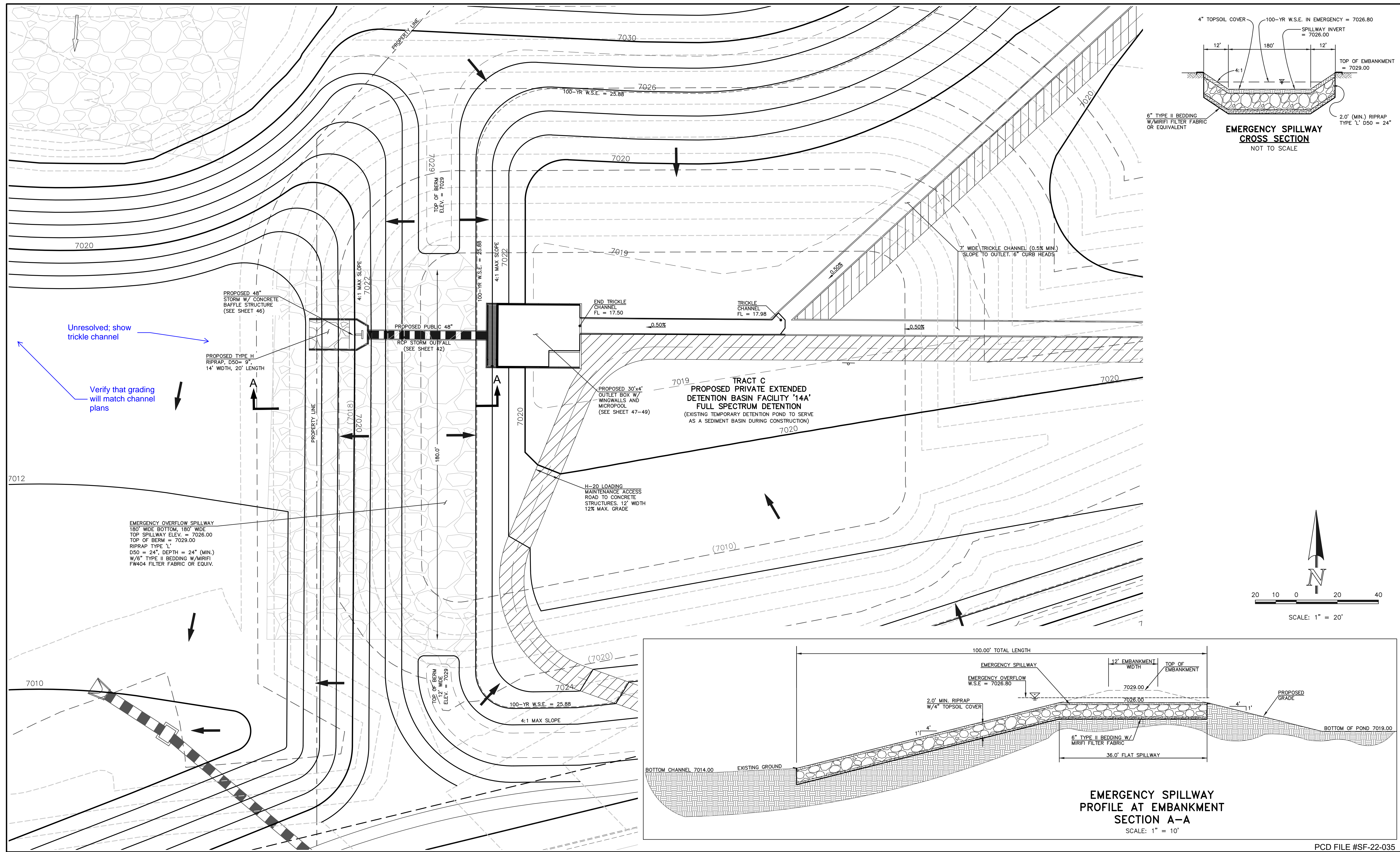
619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

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

PCD FILE #SF-22-035

<p>STERLING RANCH EAST FILING NO. 1 CONSTRUCTION PLANS PUBLIC POND '14A' OUTLET BOX DETAILS</p>			
DESIGNED BY	MAL	SCALE	DATE
DRAWN BY	MES	(H) 1"= 1'	SHEET 49 OF 53
CHECKED BY	(V) 1"= N/A	JOB NO.	1183.30

CLASSIC CONSULTING



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 811
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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

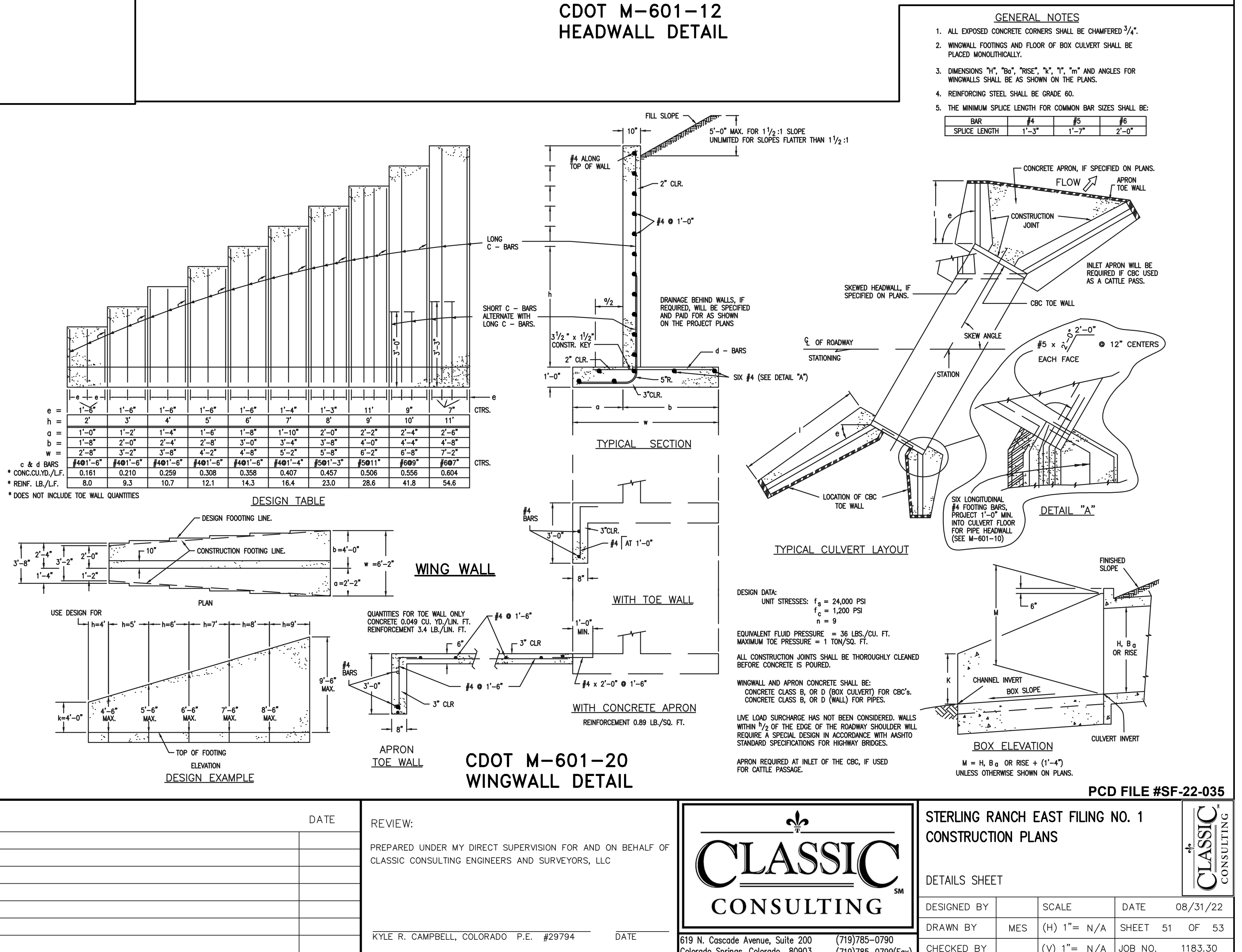
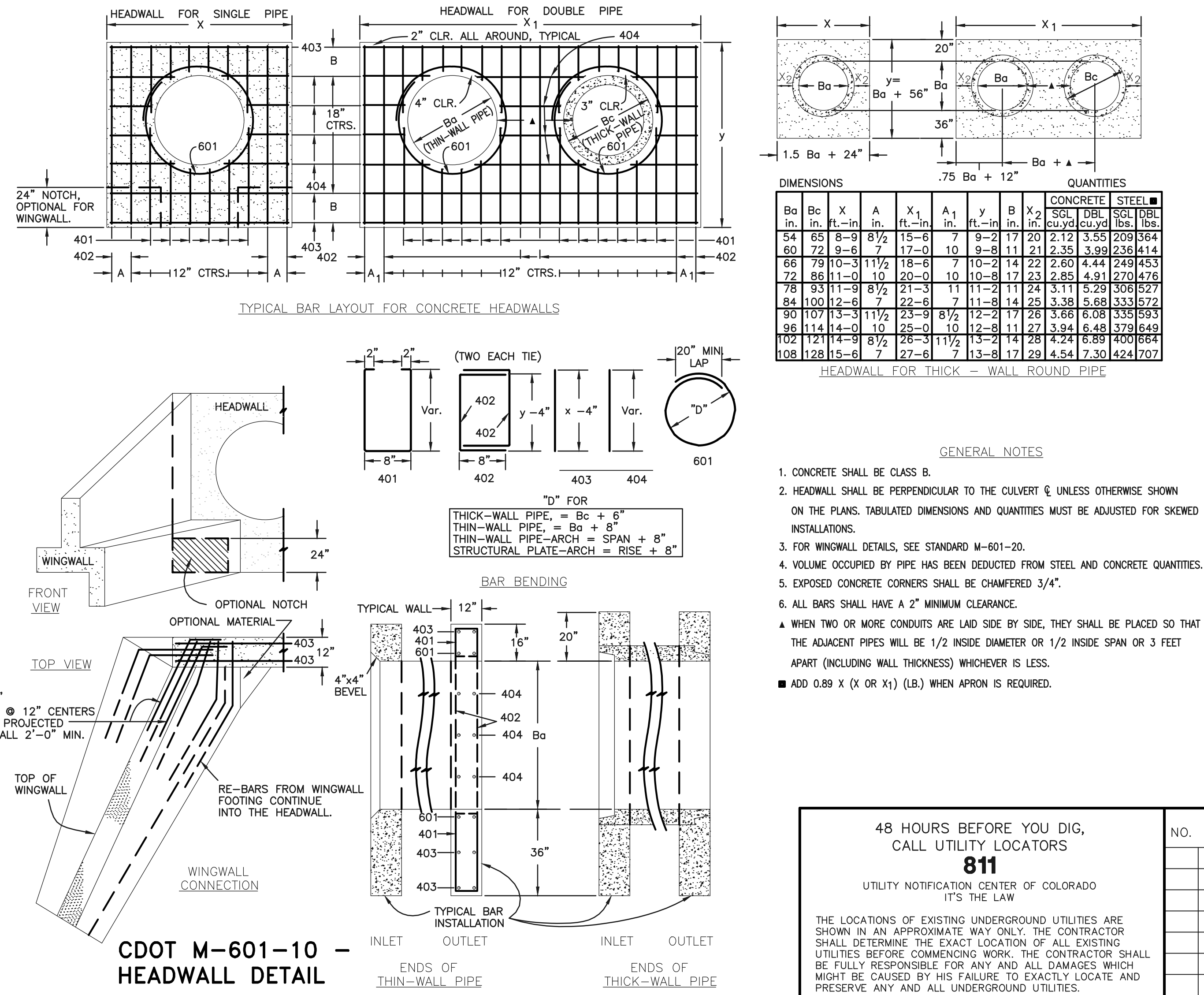
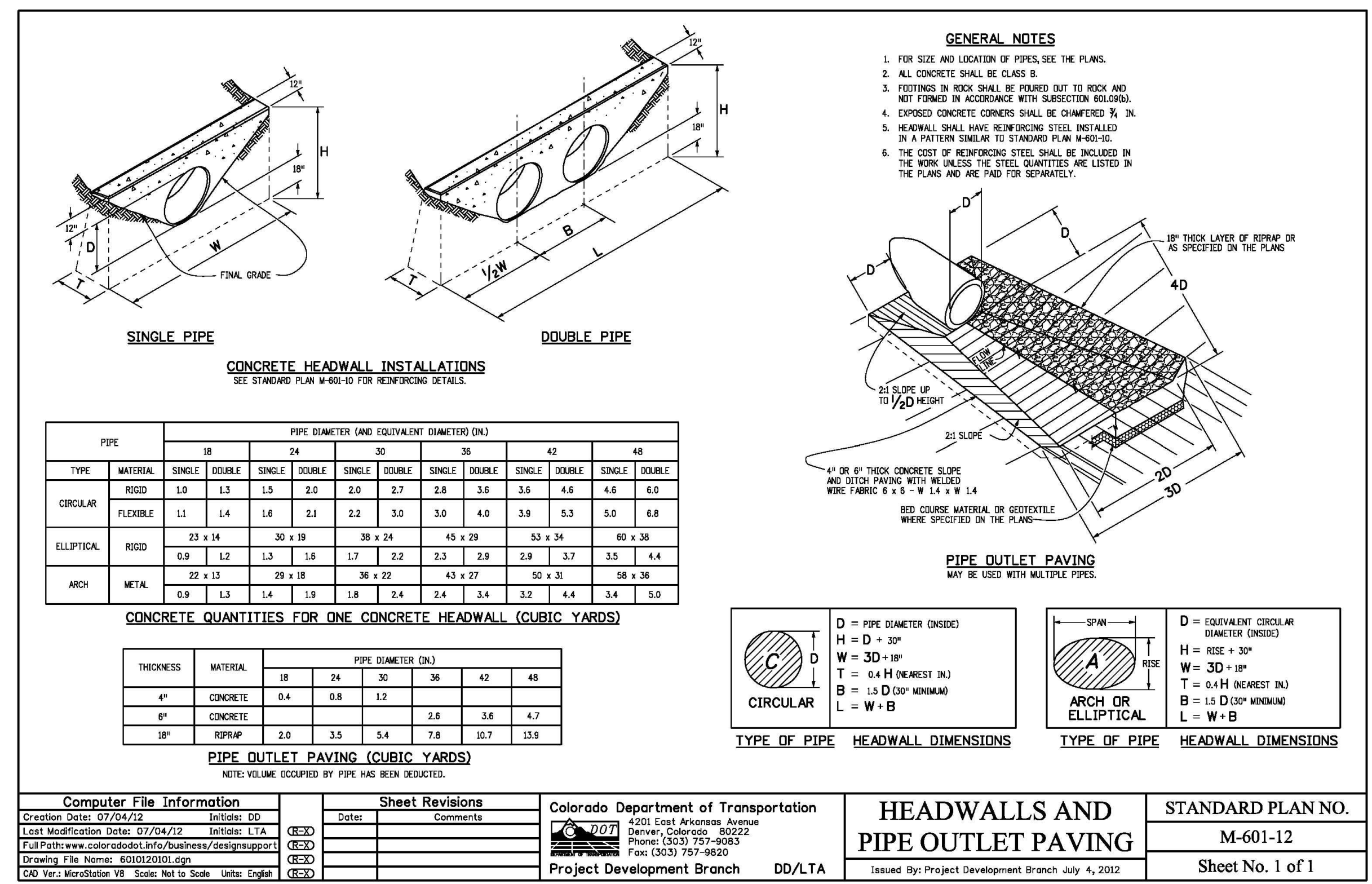
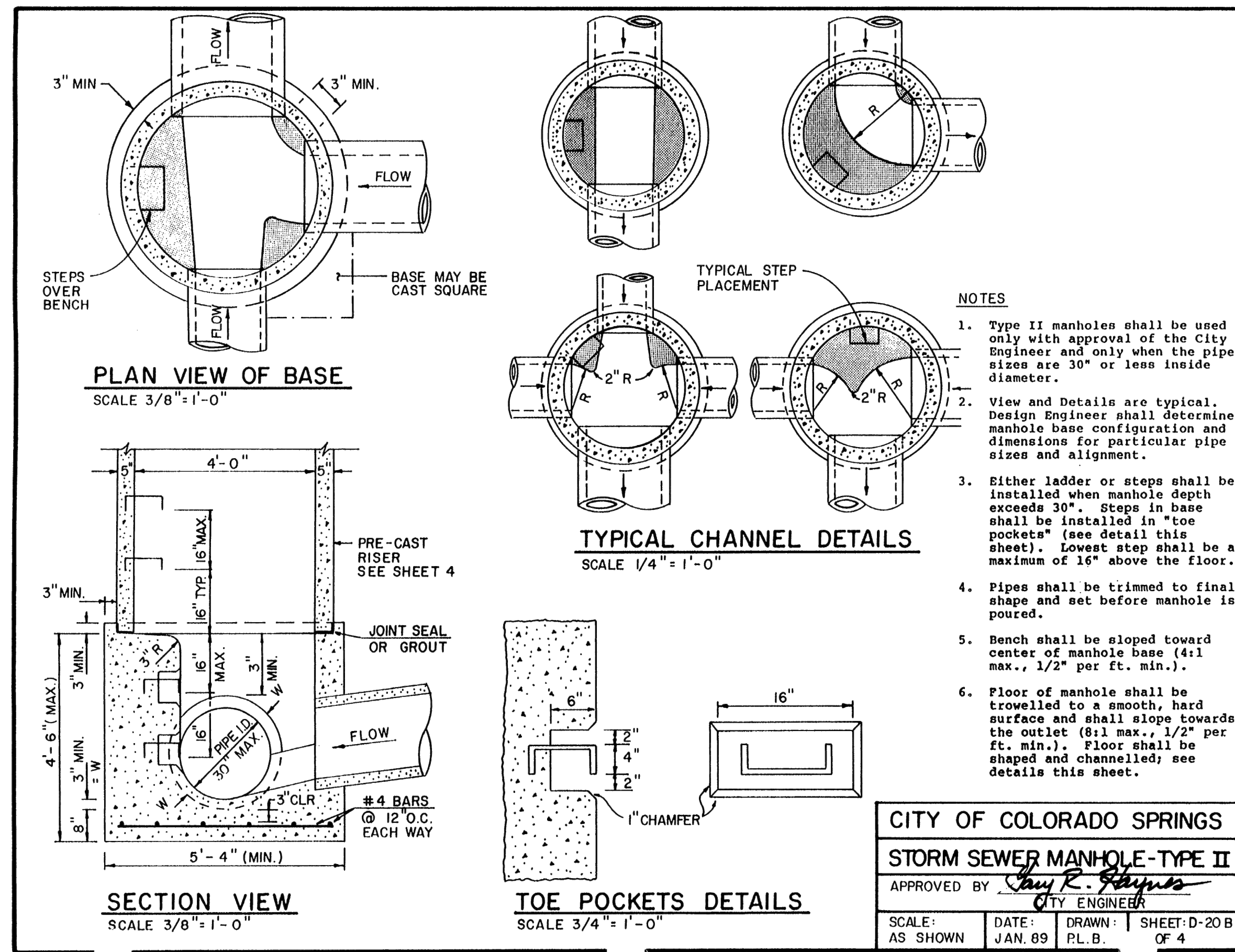


STERLING RANCH EAST FILING NO. 1
 CONSTRUCTION PLANS
 PUBLIC POND '14A'
 SPILLWAY DETAILS

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

N:\118330\DRAWINGS\CONSTRUCTION\STORM\50-118330-510-24-spillway.dwg, 3/21/2023 3:36:48 PM, 1:1



48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS

811

UTILITY NOTIFICATION CENTER OF COLORADO
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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



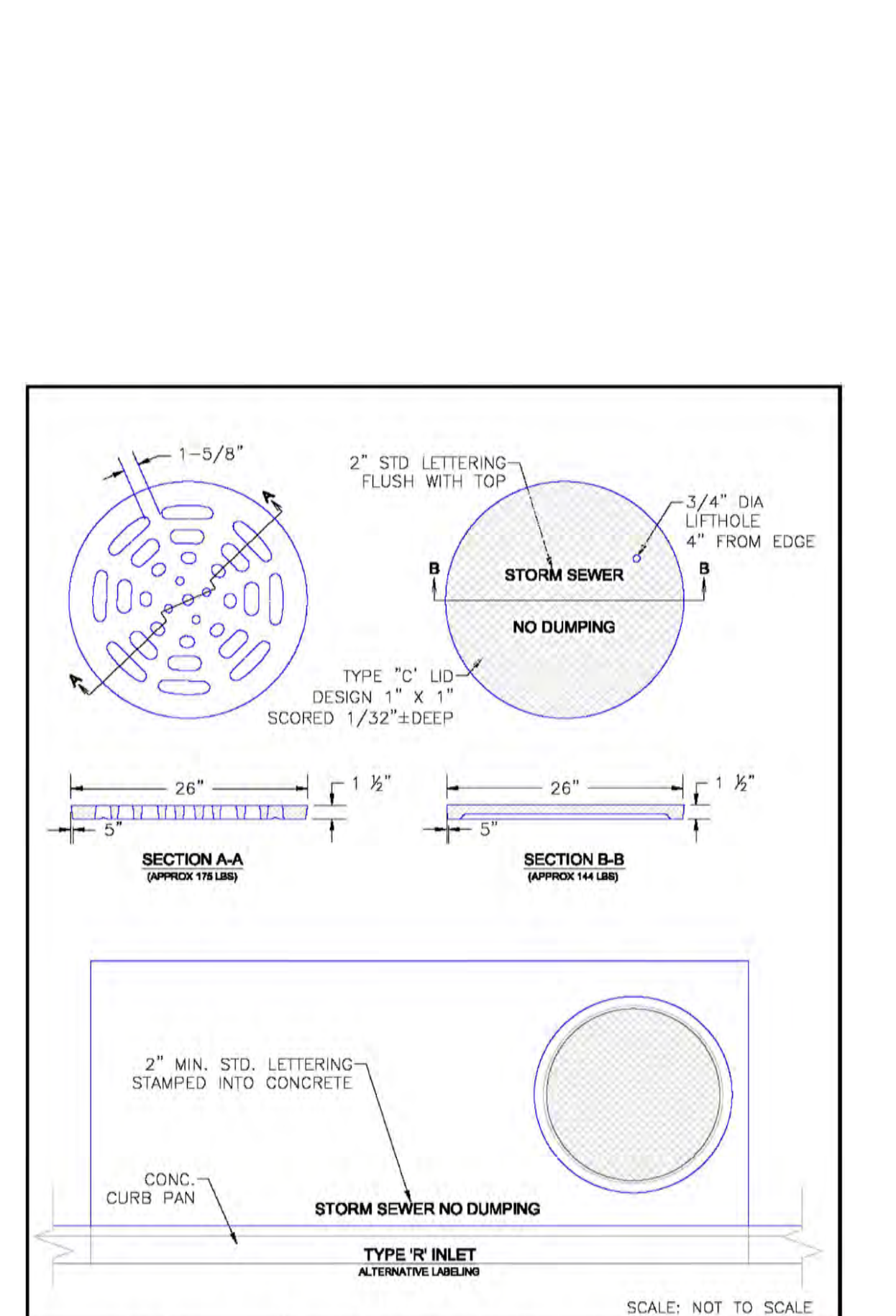
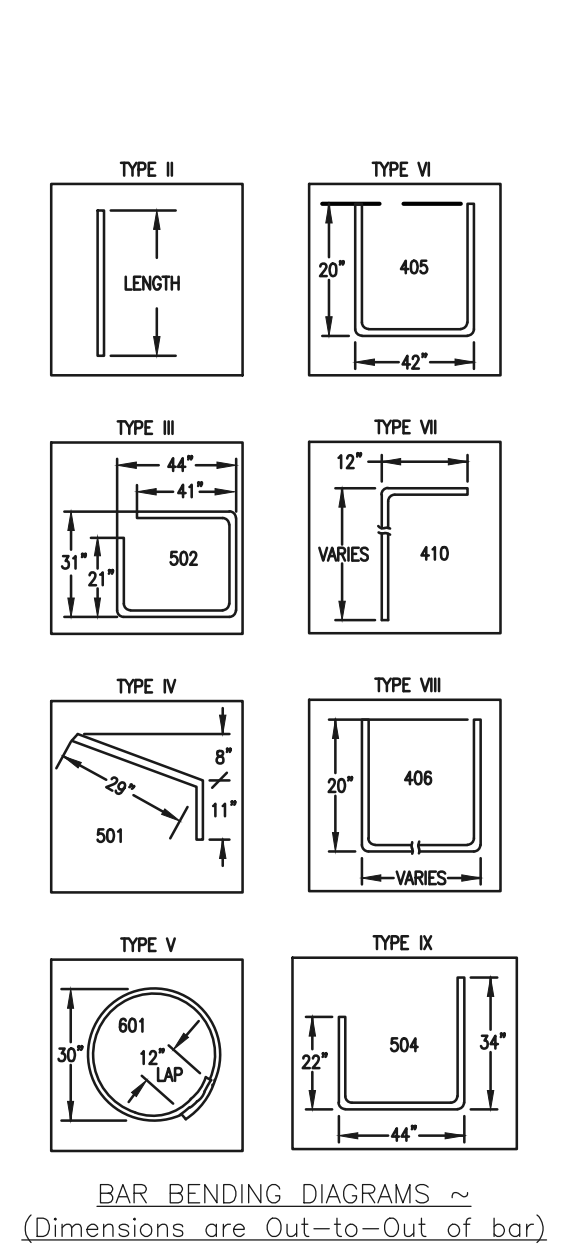
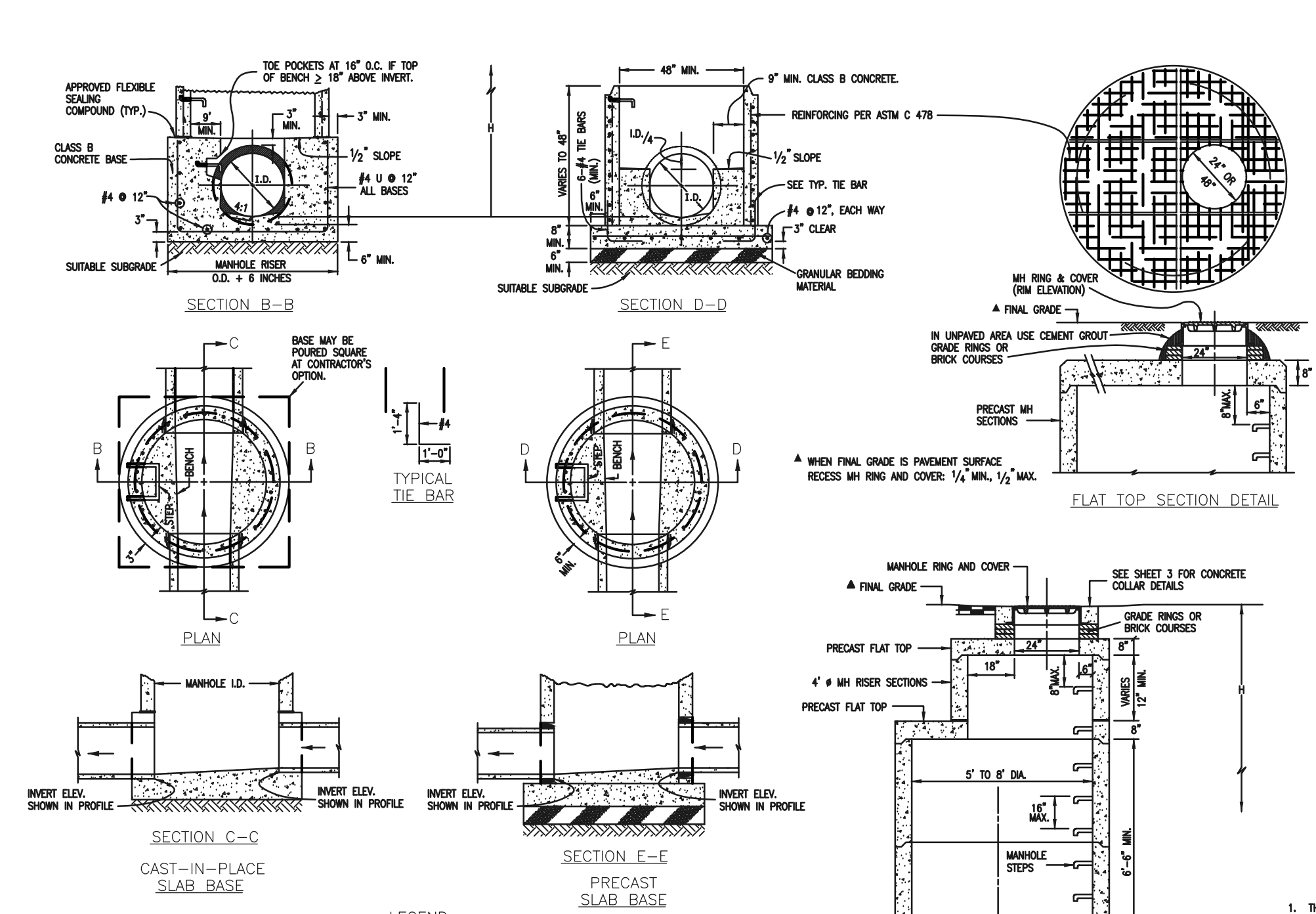
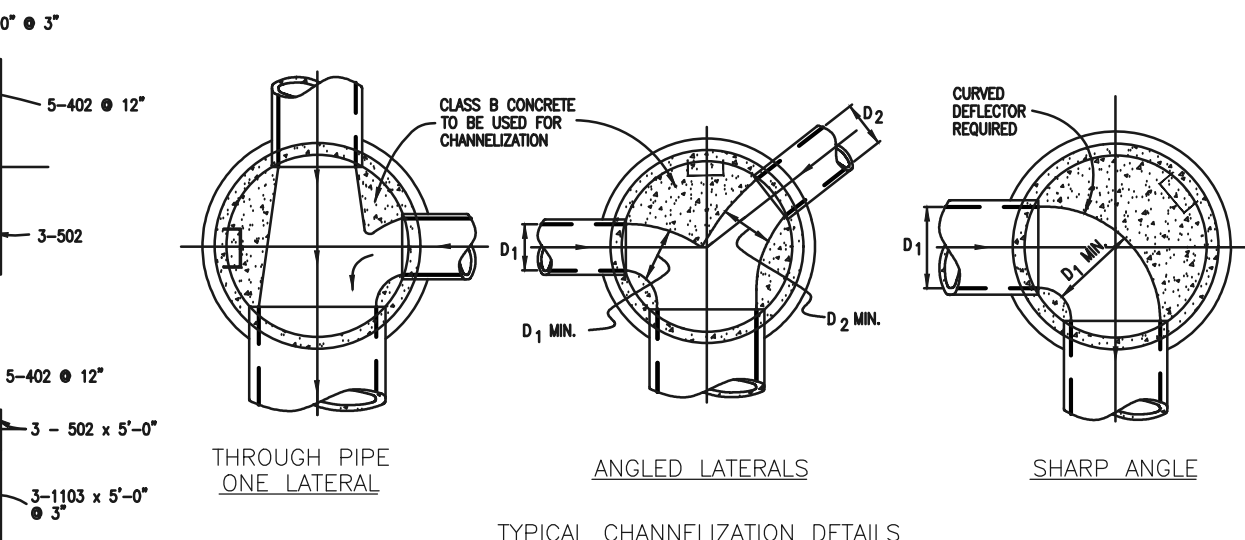
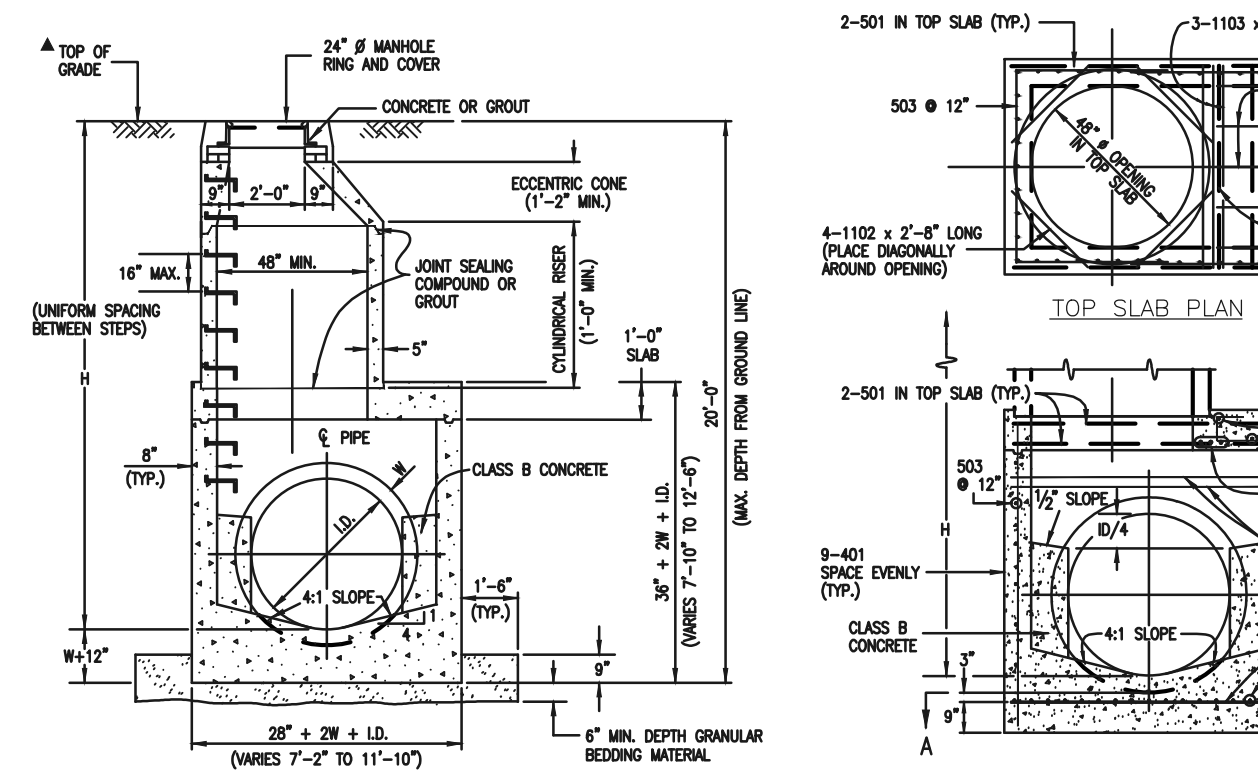
STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS

DETAILS SHEET

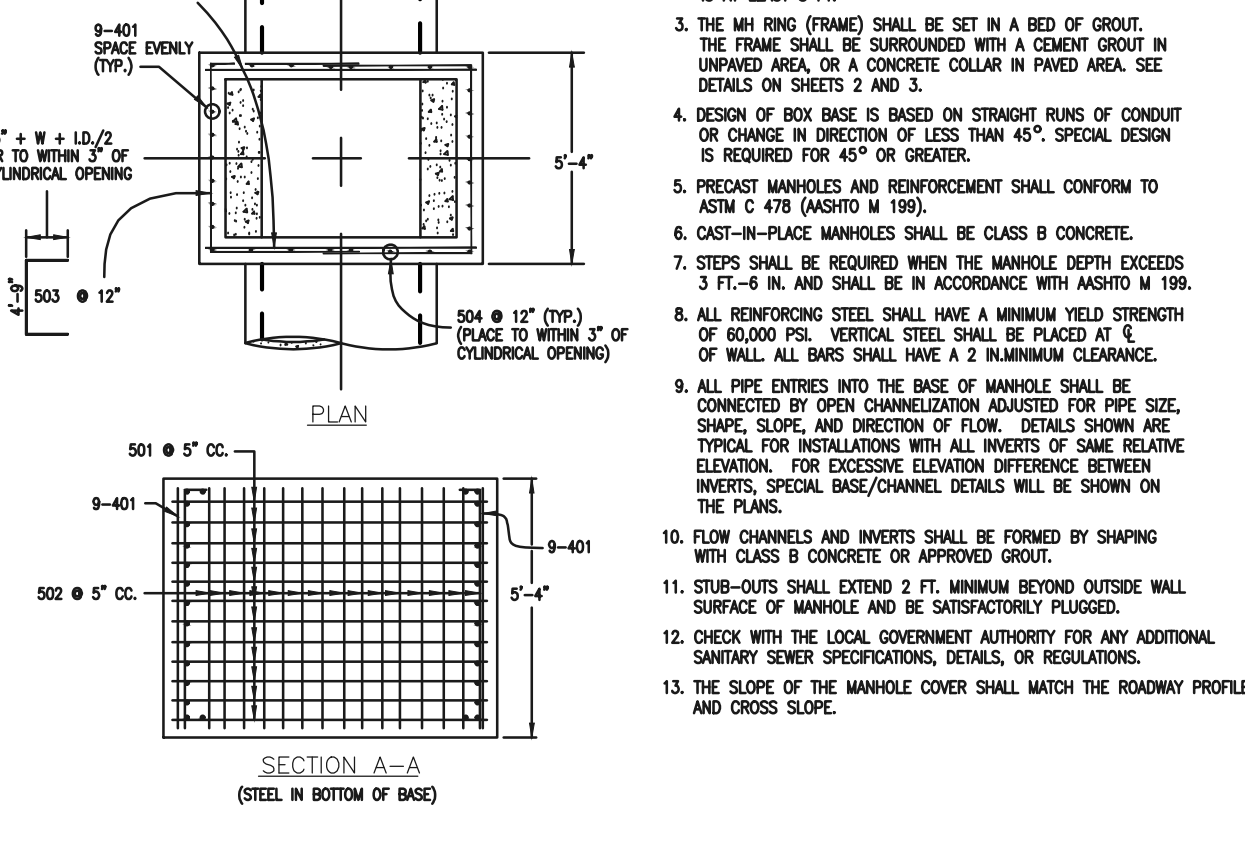
DESIGNED BY: M.E.S. SCALE: (H) 1" = N/A SHEET 51 OF 53
DRAWN BY: M.E.S. SCALE: (V) 1" = N/A JOB NO. 1183.30

DATE: 08/31/22

N:\18330\UPR\AWG\CONSTRUCT\CDOT\STORM\51-118330-20-25-detais.dwg, 3/31/2023, 3:50:16 PM, 1:1

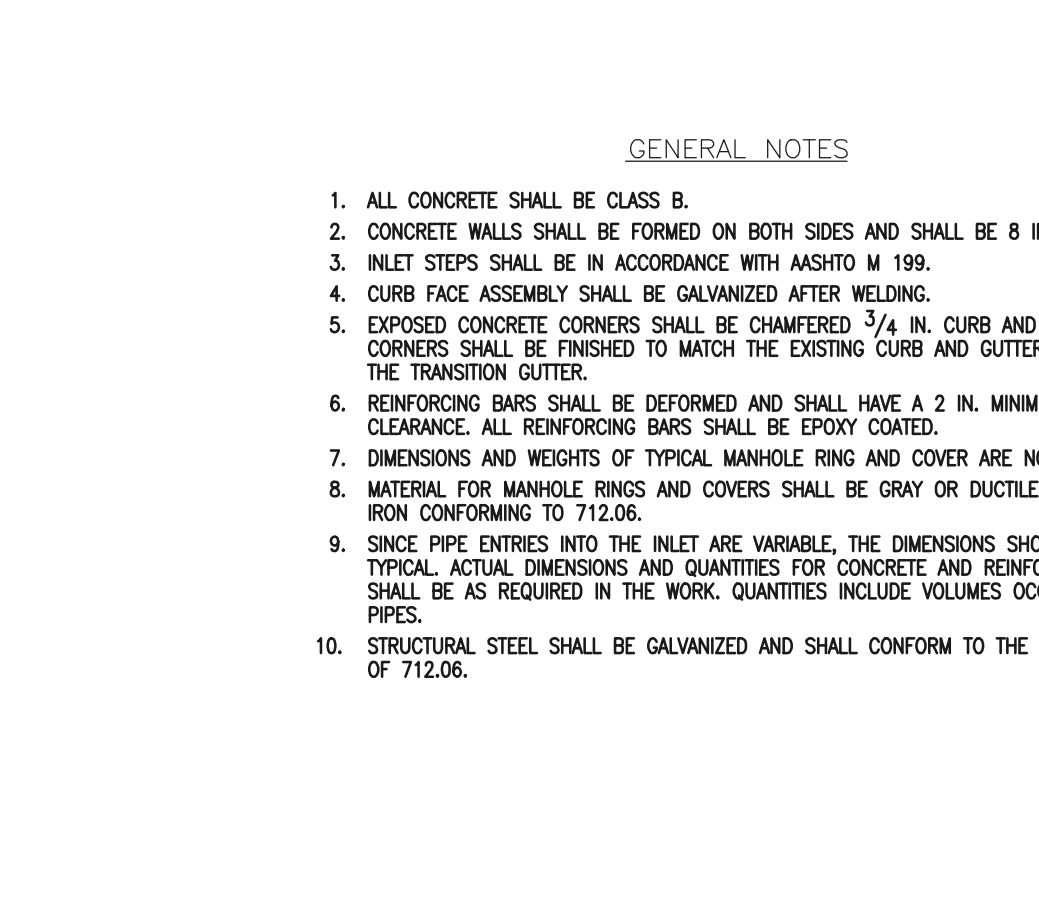


MARK	SIZE	TYPE	WT. #/FT.	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	FORMULAS
401	4	I	0.668	18	18	18	18	18	12-2"	11	11	11	11	11	11	401 BAR LENGTH = 32"+2W+L.D.
402	4	III	0.668	18	18	18	18	18	12-2"	11	11	11	11	11	11	402 BAR LENGTH = L.D. + 2W
403	5	I	1.043	22	22	22	22	22	14-4"	20	20	20	20	20	20	501 BAR LENGTH = 24" + L.D. + 2W
404	5	III	1.043	22	22	22	22	22	14-4"	20	20	20	20	20	20	502 NUMBER BARS REQ'D. = 3 + (24"+L.D.+2W)÷L
405	5	I	1.043	22	22	22	22	22	14-4"	20	20	20	20	20	20	503 NUMBER BARS REQ'D. = 2(32"+L.D.+2W)÷L
406	5	III	1.043	22	22	22	22	22	14-4"	20	20	20	20	20	20	504 NUMBER BARS REQ'D. = 2(24"+L.D.+2W)÷L
1101	11	I	5.313	4	4	4	4	4	11-3"	10	10	10	10	10	10	1101 BAR LENGTH = 21" + L.D. + 2W
1102	11	I	5.313	4	4	4	4	4	11-3"	10	10	10	10	10	10	1102 BAR LENGTH = 21" + L.D. + 2W
1103	11	I	5.313	4	4	4	4	4	11-3"	10	10	10	10	10	10	1103 BAR LENGTH = 21" + L.D. + 2W



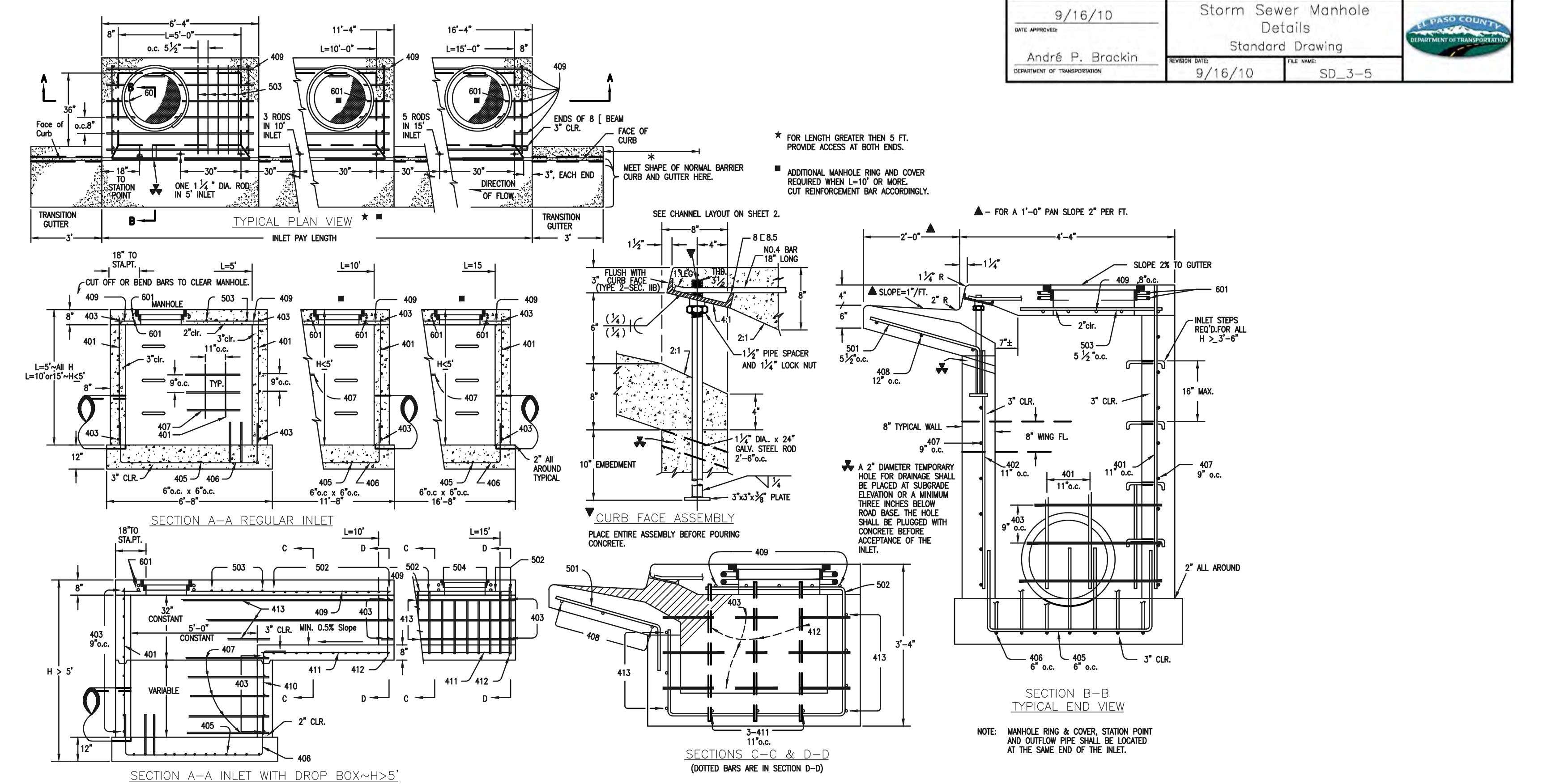
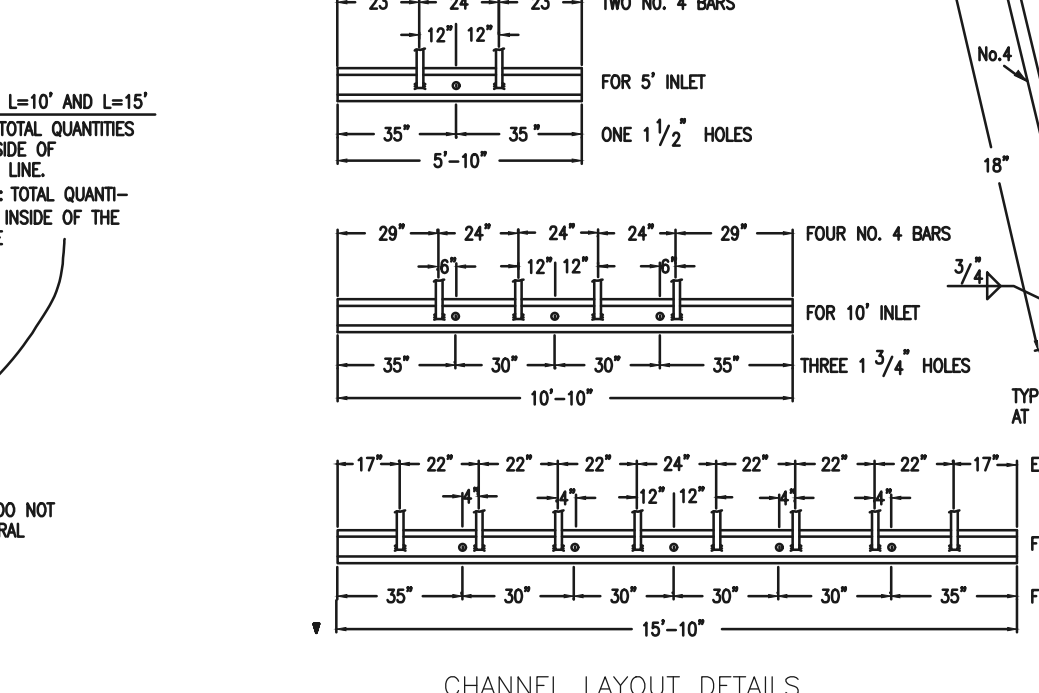
CDOT MANHOLES
STD. PLAN NO: M-604-20

MARK	DIA. IN.	O.C. SPACING	TYPE	ALL INLETS, H ≤ 5'				INLETS, H ≥ 5'				
				L=5'	10'	15'	10'	15'	10'	15'		
401	1 1/2"	11"	II	15	21	26	11	11	11	11	11	11
402	1 1/2"	11"	II	7	13	18	7	7	7	7	7	7
403	9"	11"	II	4	4	4	4	4	4	4	4	4
405	6"	11"	VI	11	21	31	11	11	11	11	11	11
406	6"	11"	VIII	7	13	17	7	7	7	7	7	7
407	6"	11"	II	5	10	15	5	5	5	5	5	5
408	6"	11"	II	3	6	9	3	3	3	3	3	3
409	8"	11"	II	6	10	15	6	6	6	6	6	6
410	1 1/2"	11"	VII	3	3	3	3	3	3	3	3	3
411	1 1/2"	11"	II	3	3	3	3	3	3	3	3	3
412	1 1/2"	11"	II	3	3	3	3	3	3	3	3	3
413	9"	11"	II	1	1	1	1	1	1	1	1	1
501	5 1/2"	11"	IV	11	22	33	11	11	11	11	11	11
502	5 1/2"	11"	III	7	14	21	7	7	7	7	7	7
503	5 1/2"	11"	II	5	10	15	5	5	5	5	5	5
504	5 1/2"	11"	IX	3	6	9	3	3	3	3	3	3
601	2 1/2"	11"	V	2	4	6	2	2	2	2	2	2



CDOT TYPE R INLET
STD. PLAN NO: M-604-12

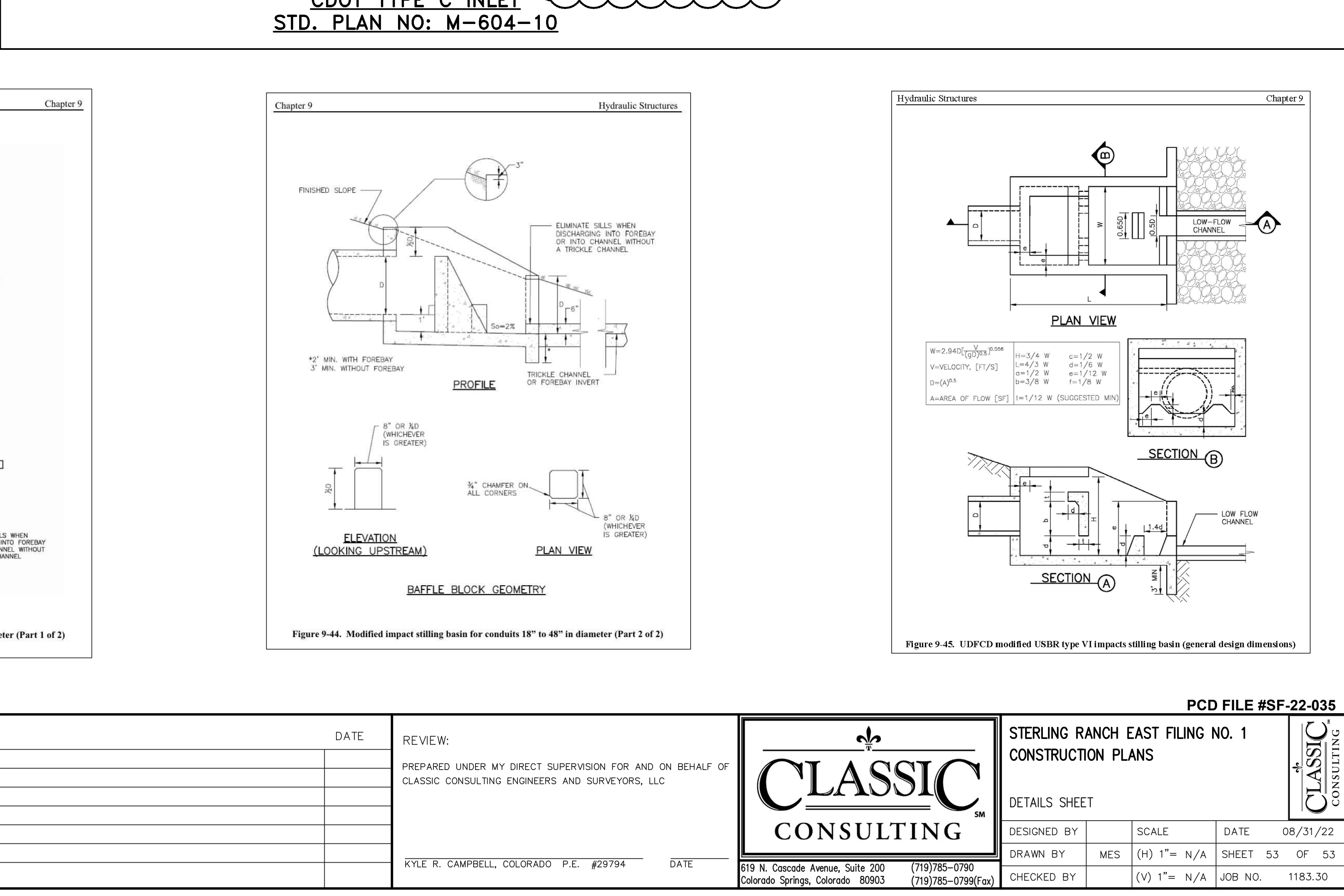
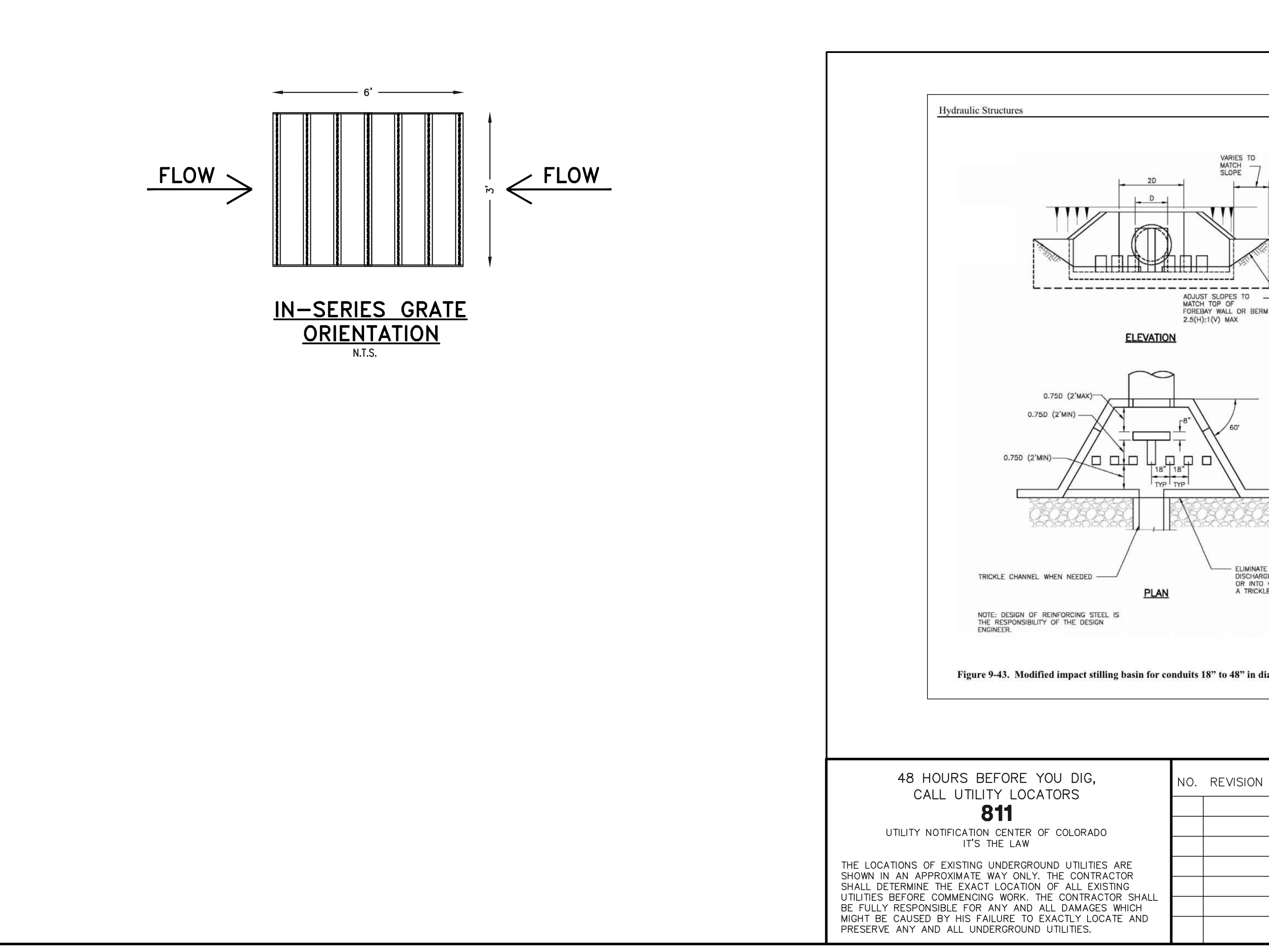
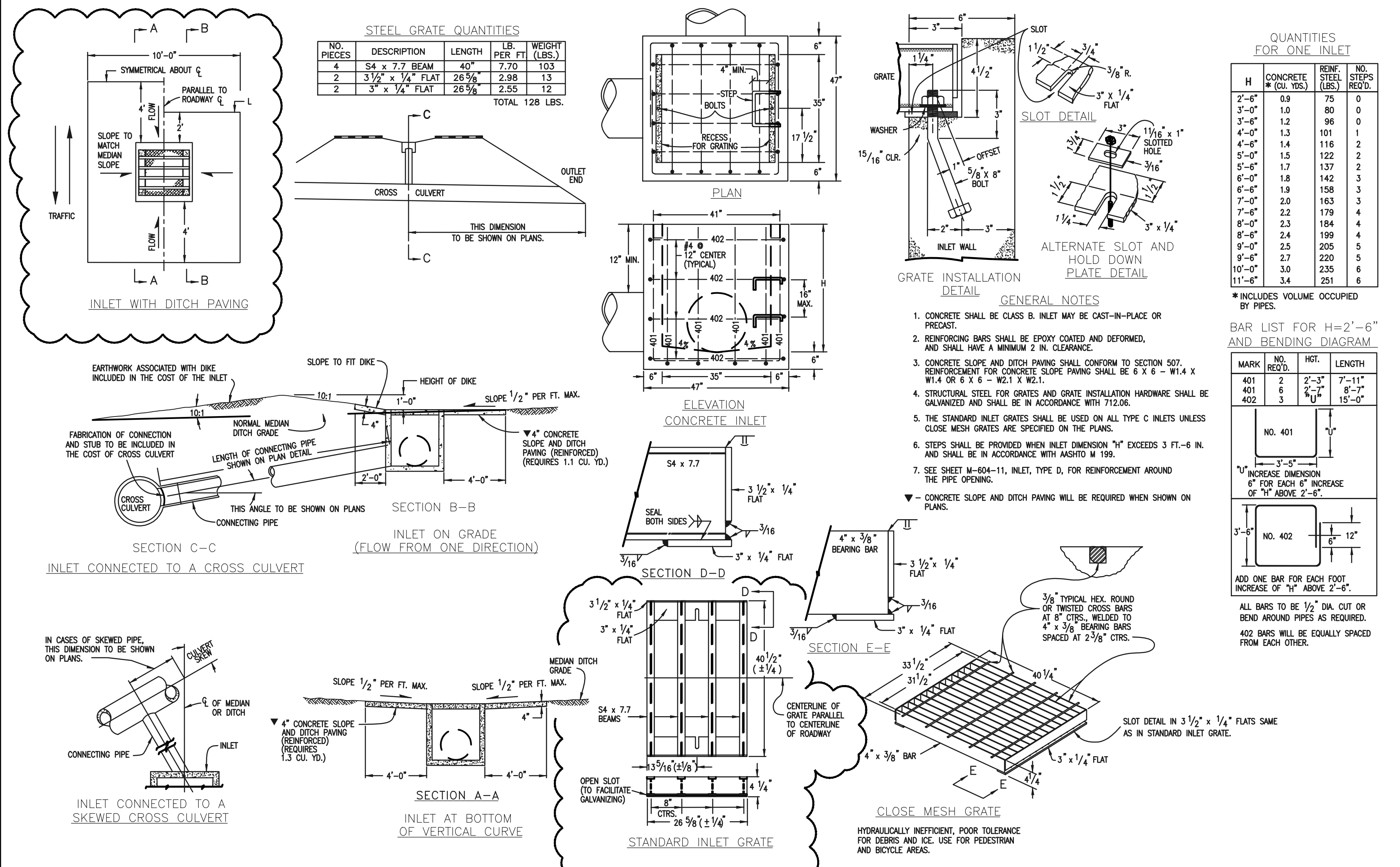
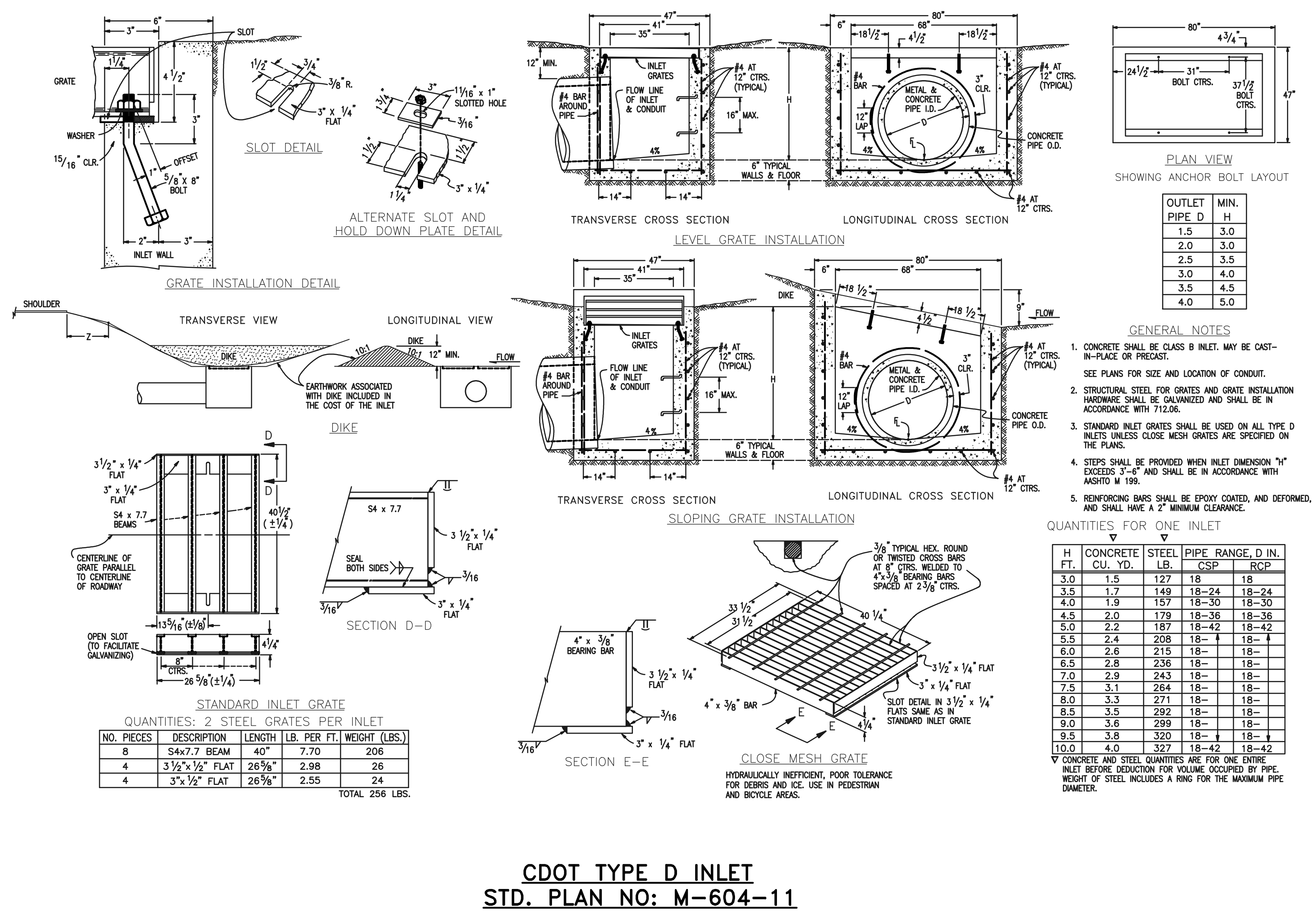
H'	L=5'		L=10'		L=15'	
	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH
3'-0"	4	10	7	14	10	15
3'-6"	4	10	7	14	10	15
4'-0"	4	10	7	14	10	15
4'-6"	4	10	7	14	10	15
5'-0"	4	10	7	14	10	15
5'-6"	4	10	7	14	10	15
6'-0"	4	10	7	14	10	15
6'-6"	4	10	7	14	10	15
7'-0"	4	10	7	14	10	15
7'-6"	4	10	7	14	10	15
8'-0"	4	10	7	14	10	15
8'-6"	4	10	7	14	10	15
9'-0"	4	10	7	14	10	15
9'-6"	4	10	7	14	10	15
10'-0"	4	10	7	14	10	15
10'-6"	4	10	7	14	10	15
11'-0"	4	10	7	14	10	15



CDOT TYPE R INLET
STD. PLAN NO: M-604-12

<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>	<p>NO. REVISION</p> <p>DATE</p>	<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>PCD FILE #SF-22-035</p>

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



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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

PCD FILE #SF-22-035

STERLING RANCH EAST FILING NO. 1
CONSTRUCTION PLANS

DETAILS SHEET

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

CLASSIC CONSULTING

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

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

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