

TOWN OF FAIRFAX

DEPARTMENT OF PUBLIC WORKS

PLANS FOR CONSTRUCTION OF

PARK ROAD REHABILITATION PROJECT



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Rev	Date	Description	Designed	Drawn	Checked

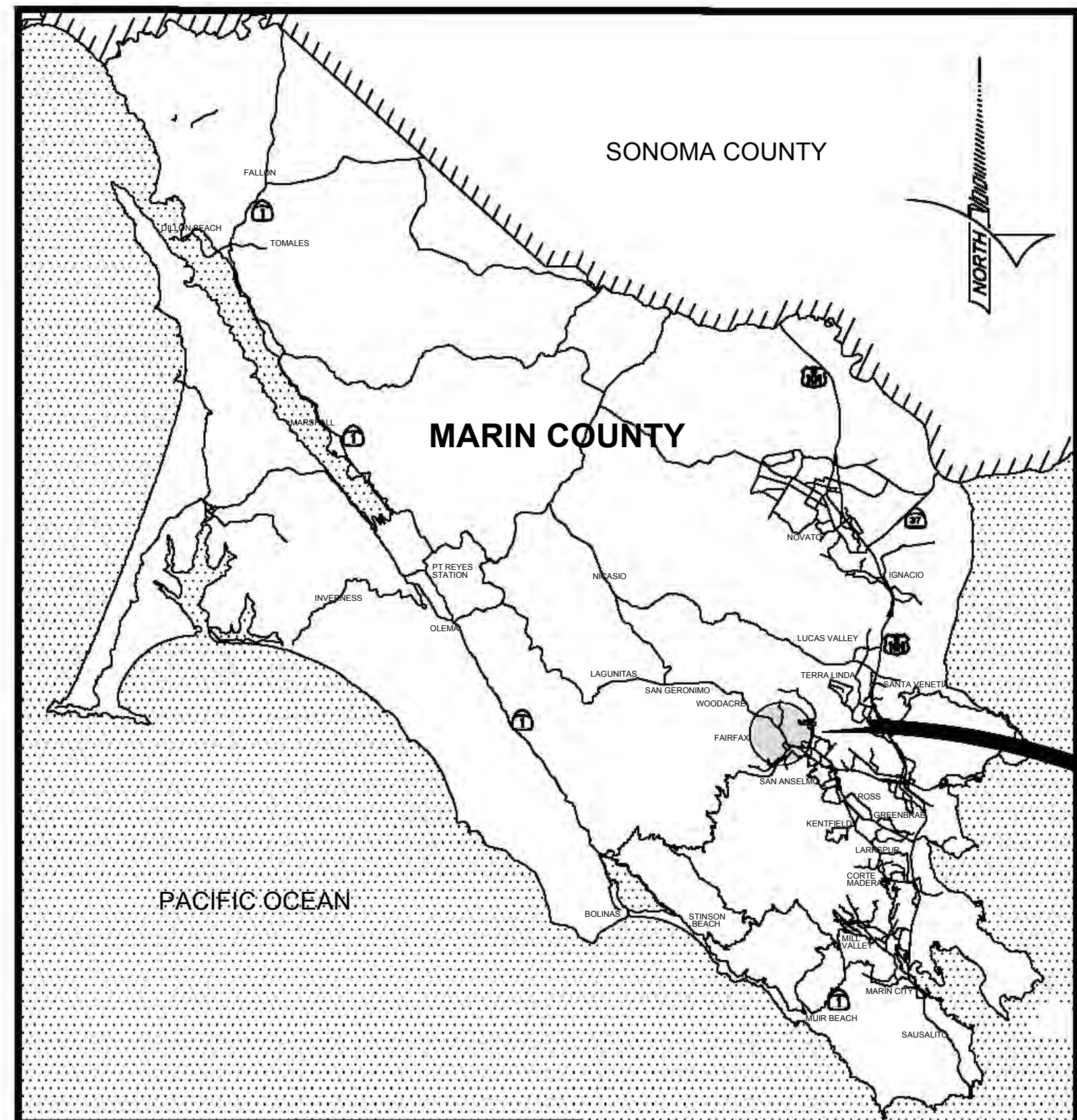
PARK ROAD REHABILITATION PROJECT
COVER SHEET
TOWN OF FAIRFAX

Town Of
Fairfax
County Of
Marin
State Of
California

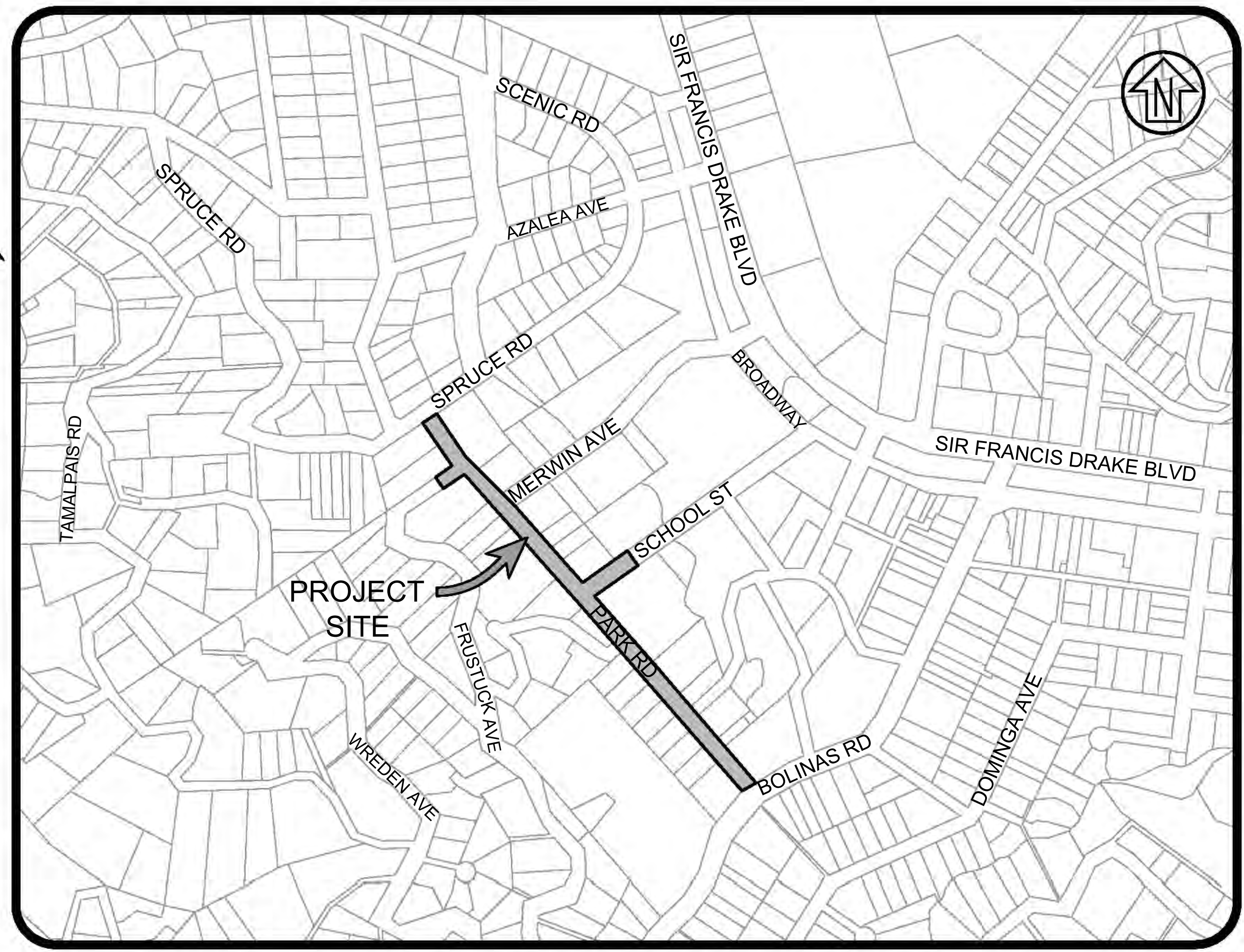
Prepared Under the Direction of:



Sheet
C1.0
 Scale: As Shown
 Date: 9/25/2024
 Project Number: 2300142
 Sheet Number: 1 of 22



LOCATION MAP
SCALE: N.T.S.



PROJECT LOCATION
SCALE: 1" = 200'

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ABBREVIATIONS

AB	AGGREGATE BASE	LF	LINEAR FEET
ABAND	ABANDONED	LP	LOW POINT
AC	ASPHALT CONCRETE	MH	MANHOLE
CAMUTCD	CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	MMWD	MARIN MUNICIPAL WATER DISTRICT
CB	CATCH BASIN	NTS	NOT TO SCALE
CIP	CAST IRON PIPE	PA	PLANTER AREA
CL	CENTERLINE / CONTROL LINE	PB	PULLBOX
CMP	CORRUGATED METAL PIPE	P.C.C.	PORTLAND CEMENT CONCRETE
CONC	CONCRETE	PVC	POLYVINYL CHLORIDE PIPE
CP	CONTROL POINT	RCP	REINFORCED CONCRETE PIPE
DI	DROP INLET	RVSD	ROSS VALLEY SANITARY DISTRICT
DIP	DUCTILE IRON PIPE	SD	STORM DRAIN
DWG	DRAWING	SDCO	STORM DRAIN CLEANOUT
EG	EXISTING GRADE	SDMH	STORM DRAIN MANHOLE
EL	ELEVATION	SF	SQUARE FEET
EX	EXISTING	SS	SANITARY SEWER
FG	FINISH GRADE	SSCO	SANITARY SEWER CLEANOUT
FH	FIRE HYDRANT	SSMH	SANITARY SEWER MANHOLE
FL	FLOWLINE	STD	STANDARD
FS	FINISH SURFACE	TC	TOP OF CURB
GB	GRADE BREAK	TS	TURNING STRUCTURE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	UCS	MARIN COUNTY UNIFORM CONSTRUCTION STANDARDS
HMA	HOT MIX ASPHALT	UNO	UNLESS NOTED OTHERWISE
HP	HIGH POINT	VCP	VITRIFIED CLAY PIPE
INV	INVERT	VIF	VERIFY IN FIELD
JP	JOINT POLE	WSP	WELDED STEEL PIPE
JT	JOINT TRENCH	WV	WATER VALVE

SYMBOLS

EXISTING	PROPOSED
	SIGN
	STREETLIGHT
	POWER POLE (WITH GUY)
	SANITARY SEWER - CLEANOUT
	SANITARY SEWER - MANHOLE
	STORM DRAINAGE - CLEANOUT
	STORM DRAINAGE - CATCH BASIN
	STORM DRAINAGE - DROP INLET
	STORM DRAINAGE - MANHOLE
	GAS VALVE
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	FOUND / SET - CONTROL POINT
N/A	REMOVE & DISPOSE TREE

LINETYPES

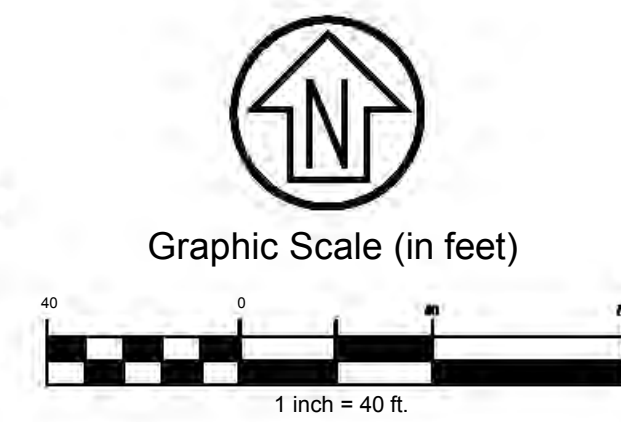
EXISTING	PROPOSED
N/A	CENTERLINE
	CONTOUR - MAJOR
	CONTOUR - MINOR
	GAS LINE
	SANITARY SEWER
	SANITARY SEWER - LATERAL
	STORM DRAIN
	TELEPHONE LINE
N/A	TIES
W	WATER
	WOOD FENCE
	CHAIN LINK FENCE

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MARIN COUNTY STANDARD SPECIFICATIONS AND UNIFORM CONSTRUCTION STANDARD DRAWINGS AND THE STANDARD SPECIFICATIONS FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL NOTIFY THE TOWN OF FAIRFAX (TOWN) AND ENGINEER 48 HOURS PRIOR TO STARTING ANY WORK.
- THE LOCATIONS OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS AND DEPTHS WITH APPROPRIATE AGENCIES OR BY POTHOLING. THE CONTRACTOR SHALL CALL USA UNDERGROUND SERVICE ALERT AT LEAST 72 HOURS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL POTHOLE ALL UNDERGROUND UTILITIES PRIOR TO ANY TRENCHING OPERATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICT BETWEEN STORM DRAINS AND OTHER UNDERGROUND FACILITIES.
- THE CONTRACTOR SHALL SHORE ALL EXCAVATIONS IN ACCORDANCE WITH APPLICABLE SAFETY ORDERS.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- CONTRACTOR SHALL HOLD HARMLESS THE TOWN AND ITS AUTHORIZED REPRESENTATIVES FROM ALL LIABILITIES AND DAMAGES RESULTING FROM THEIR CONSTRUCTION OPERATIONS.
- PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL VERIFY ALL INTERFACES BETWEEN EXISTING CONDITIONS AND NEW CONSTRUCTION FOR GRADING, DRAINAGE, UNDERGROUND, AND OVERHEAD FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND OR AT GRADE FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS SHALL BE IN WRITING AND BE APPROVED BY THE ENGINEER.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING UNDERGROUND, AT-GRADE OR OVERHEAD IMPROVEMENTS DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER/AGENCY OF DAMAGED UTILITY.
- TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" PUBLISHED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- WATER SHALL BE PROVIDED ON SITE BY THE CONTRACTOR AND USED TO CONTROL DUST DURING CONSTRUCTION OPERATIONS. NO RUNOFF WATER SHALL BE ALLOWED INTO STORM DRAINS.
- OUTDOOR NOISE-GENERATING CONSTRUCTION ACTIVITIES (INCLUDING BUT NOT LIMITED TO RAPID IMPACT COMPACTION (RIC) GRADING, TRENCHING, CONCRETE PLACEMENT, SAWING AND HAMMERING) SHALL BE LIMITED TO THE HOURS BETWEEN 8AM AND 4PM, MONDAY THROUGH FRIDAY. ANYTHING OUTSIDE THESE HOURS SHALL FIRST BE APPROVED BY THE TOWN.
- ALL DEBRIS, EXCESS, AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
- ALL STREETS SHALL BE SWEEPED AND KEPT CLEAN AT THE END OF EACH DAY AND SHALL COMPLY WITH ALL APPLICABLE RWQCB AND/OR MCSTOPPP REQUIREMENTS FOR THE DURATION OF THE PROJECT WORK.
- THE CONTRACTOR SHALL OBTAIN AN O.S.H.A. PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE 5' OR DEEPER. ALL TRENCHES SHALL BE SHORED AND BRACED ACCORDING TO STATE LAW, THE SOIL CONDITIONS, AND THE TOWN.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE STREET SUBGRADES DISTURBED DURING UNDERGROUND UTILITY CONSTRUCTION. ALL EXISTING STREETS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IN CONFORMANCE WITH THE TOWN'S STANDARD CONSTRUCTION PLANS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER, AND SHALL MEET ANY ADDITIONAL REQUIREMENTS OF THE ENCROACHMENT PERMIT.
- DIMENSIONS TO PIPELINES ARE MEASURED TO THE CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
- PIPE SLOPES AND DISTANCES SHOWN ON PLANS ARE FROM THE CENTER TO CENTER OF STORM DRAIN STRUCTURES.
- ALL ABANDONED PIPES SHALL BE PLUGGED AT BOTH ENDS WITH 3" CONCRETE.
- PROJECT ACCEPTANCE SHALL NOT BE MADE UNTIL THE CONTRACTOR DELIVERS A NEAT AND LEGIBLE SET OF RECORD PLANS TO THE TOWN'S APPROVAL.
- FOR ALL CONCRETE DISTURBED DUE TO OPEN TRENCH, THE CONTRACTOR SHALL REPLACE TO THE NEAREST EXISTING JOINTS PER UCS DWG. 105. VISUAL TEST METHOD SHALL BE PERFORMED USING CCTV. CONTRACTOR SHALL SLOWLY PULL A TELEVISION CAMERA THROUGH STORM DRAIN AND INSPECT FOR VISUAL LEAKS, SEPARATED JOINTS AND CRACKS IN PIPE AND MANHOLES. CONTRACTOR SHALL REPAIR LEAKS AND JOINTS AND REPLACE CRACKED PIPE. FOLLOWING REPAIRS, THE CONTRACTOR SHALL RE-INSPECT PIPE USING CCTV AND SUBMIT TAPE OF ENTIRE LENGTH OF SYSTEM TO ENGINEER FOR APPROVAL.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE REPAIRS MADE TO EXISTING FACILITIES ON THE DAY OF THE EVENT OF DAMAGE OR AS APPROVED BY THE ENGINEER.

MATERIAL LEGEND

	NON-TRAFFIC RATED CONCRETE (SEE DETAIL 1, SHEET C6.0)
	TRAFFIC RATED CONCRETE (SEE DETAIL 1, SHEET C6.0)
	AC MILL AND FILL (2" MIN.)
	AC TRENCH RESTORATION (SEE DETAIL 10, SHEET C6.0)
	AC PLUG (8" MIN., SEE DETAIL 5, SHEET C6.0)
	DIG OUT REPAIR (6" MIN., SEE DETAIL 7, SHEET C6.0) TO BE VERIFIED IN THE FIELD WITH THE ENGINEER
	DETECTABLE WARNING SURFACE (SEE DETAIL 9, SHEET C6.0)
	LANDSCAPE MULCH (3" MIN.)
	SALVAGE AND RESET GRAVEL



PRESERVATION OF SURVEY MONUMENTS

CONTRACTOR SHALL PRESERVE ALL SURVEY MONUMENTS WITHIN THE LIMITS OF WORK. MONUMENT(S) WITHIN THE LIMITS OF WORK SHALL BE REFERENCED, PRIOR TO WORK COMMENCING, BY A LICENSED LAND SURVEYOR AS REQUIRED BY SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE. CORNER RECORDS OF THIS WORK MUST BE SUBMITTED FOR FILING TO THE COUNTY SURVEYOR OF MARIN COUNTY PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, SURVEY SECTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF EXISTING SURVEY MONUMENTS, BENCHMARKS, REFERENCE MARKS AND STAKES. SHOULD ANY SURVEY MONUMENTS, BENCHMARKS, REFERENCE POINTS, OR STAKES BE DAMAGED OR DESTROYED DURING THE PERFORMANCE OF THIS WORK, THE CONTRACTOR SHALL REPLACE SAID ITEMS PER TOWN'S CONSTRUCTION STANDARDS IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND CONTACT THE COUNTY, SURVEY SECTION, CHIEF OF PARTY FOR FINAL INSPECTION AND ACCEPTANCE OF THE WORK.

PROJECT STANDARD PLANS

CALTRANS STANDARD PLANS, 2023 EDITION

A24C	PAVEMENT MARKINGS SYMBOLS AND NUMERALS
A24D	PAVEMENT MARKINGS WORDS
A24F	PAVEMENT MARKINGS CROSSWALKS
A24G	PAVEMENT MARKINGS YIELD LINES, LIMIT LINES AND WRONG WAY DETAILS
A88A	CURB RAMP DETAILS
A88B	CURB RAMP AND ISLAND PASSAGEWAY DETAILS

UNIFORM CONSTRUCTION STANDARDS (UCS) OF THE CITIES OF MARIN AND COUNTY OF MARIN, JULY 2018

UCS DWG. NO. 100	REQUIREMENTS FOR CURB, GUTTER, SIDEWALK, DRIVEWAY AND OTHER "FLATWORK"
UCS DWG. NO. 200	NOTES FOR CATCH BASIN, MANHOLE, FOR INLET AND TURNING STRUCTURE
UCS DWG. NO. 210	MANHOLE, TYPE "B" (21" THROUGH 72" DIA. PIPE)
UCS DWG. NO. 215	STEP & MANHOLE CASTING DETAIL
UCS DWG. NO. 220	CATCH BASIN GRATE DETAIL
UCS DWG. NO. 250	CATCH BASIN, TYPE "F"
UCS DWG. NO. 260	DROP INLET AND TURNING STRUCTURE
UCS DWG. NO. 265	GRATED INLET AND TURNING STRUCTURE
UCS DWG. NO. 300	MONUMENTS

SURVEY CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	5000	5000	100.00	CP CUT X
2	4928.2403	5153.8853	98.04	CP CUT X
3	4931.979	5285.6744	95.26	CP CUT X
4	4883.4602	5395.6828	94.63	CP CUT X
5	4865.5753	5518.7764	93.82	CP CUT X
6	5044.2726	5583.041	92.85	CP MAG

SURVEY NOTES:

- DISTANCES SHOWN ARE IN FEET AND DECIMALS THEREOF.
- HORIZONTAL DATUM AND VERTICAL DATUM IS ASSUMED.
- FIELD SURVEY WAS PERFORMED IN APRIL 2024.

STORM DRAIN LINE 1 ALIGNMENT

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L1	1+00.00	4947.27	5085.67	S77° 18' 09"E	68.92	
L2	1+68.92	4932.12	5152.90	S81° 31' 14"E	5.00	
L3	1+73.92	4931.38	5157.85	N88° 39' 41"E	17.58	
C1	1+91.50	4931.79	5175.43	S85° 36' 36"E	12.60	63.00
L4	2+04.10	4930.83	5187.97	S79° 52' 53"E	158.19	
C2	3+62.29	4903.04	5343.70	S74° 19' 44"E	12.21	63.00
L5	3+74.50	4899.75	5355.43	S68° 46' 35"E	16.10	
L6	3+90.60	4893.92	5370.44	S80° 01' 35"E	5.00	
L7	3+95.60	4893.05	5375.37	N88° 43' 25"E	29.61	
C3	4+25.20	4893.71	5404.97	S85° 34' 44"E	12.53	63.00
L8	4+37.73	4892.75	5417.44	S79° 52' 53"E	114.61	
L9	5+52.35	4872.61	5530.27	S79° 52' 53"E	2.02	
L10	5+54.36	4872.25	5532.25	N17° 37' 22"E	211.98	
L11	7+66.35	5074.29	5596.43	S71° 34' 58"E	18.07	
L12	7+84.41	5068.58	5613.57	N18° 36' 37"E	15.59	

STORM DRAIN LINE 2 ALIGNMENT

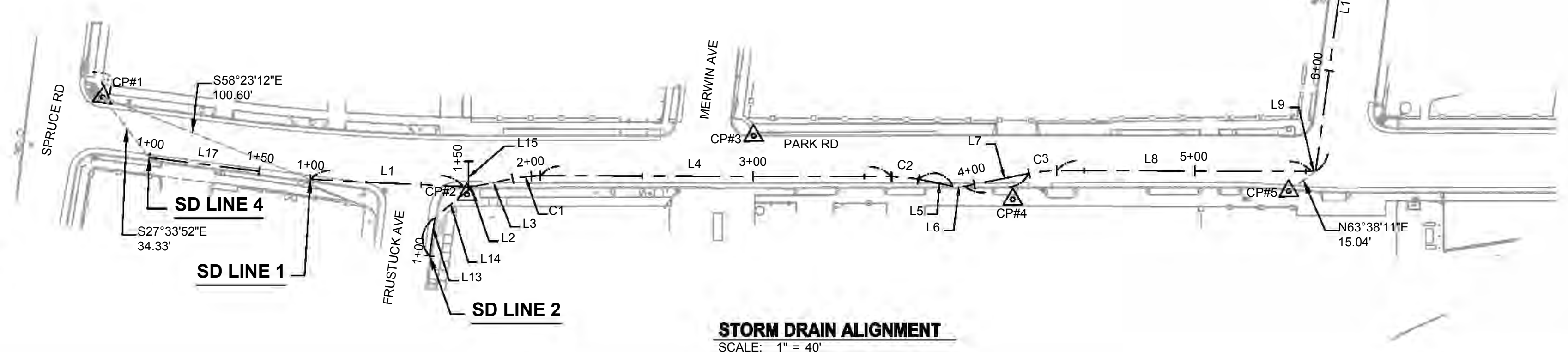
TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L13	1+00.00	4904.02	5132.58	N17° 58' 14"E	17.50	
L14	1+17.50	4920.67	5137.98	N60° 52' 50"E	19.60	
L15	1+37.10	4930.21	5155.11	N9° 54' 41"E	12.90	

STORM DRAIN LINE 3 ALIGNMENT

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L16	1+00.00	5065.09	5593.51	N17° 38' 55"E	25.00	

STORM DRAIN LINE 4 ALIGNMENT

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L17	1+00.00	4969.57	5015.88	S72° 53' 08"E	50.00	



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 REHABILITATION PROJECT
 ABBREVIATIONS, LEGEND,
 & GENERAL NOTES
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Prepared Under the Direction of:



Sheet

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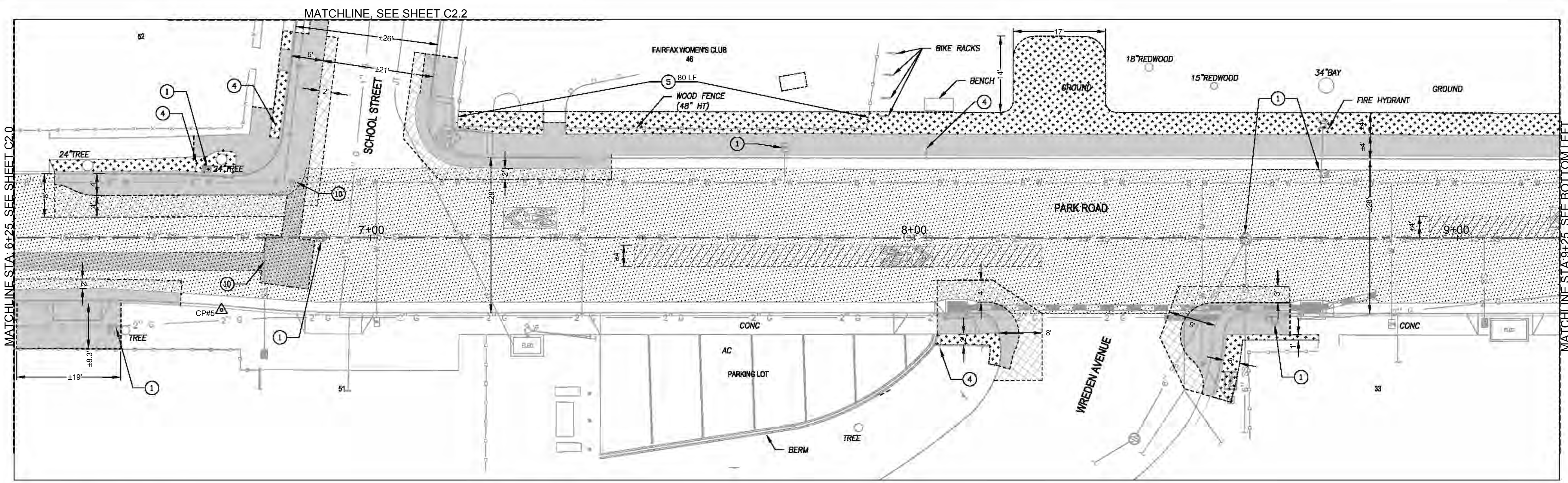
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DEMOLITION LEGEND

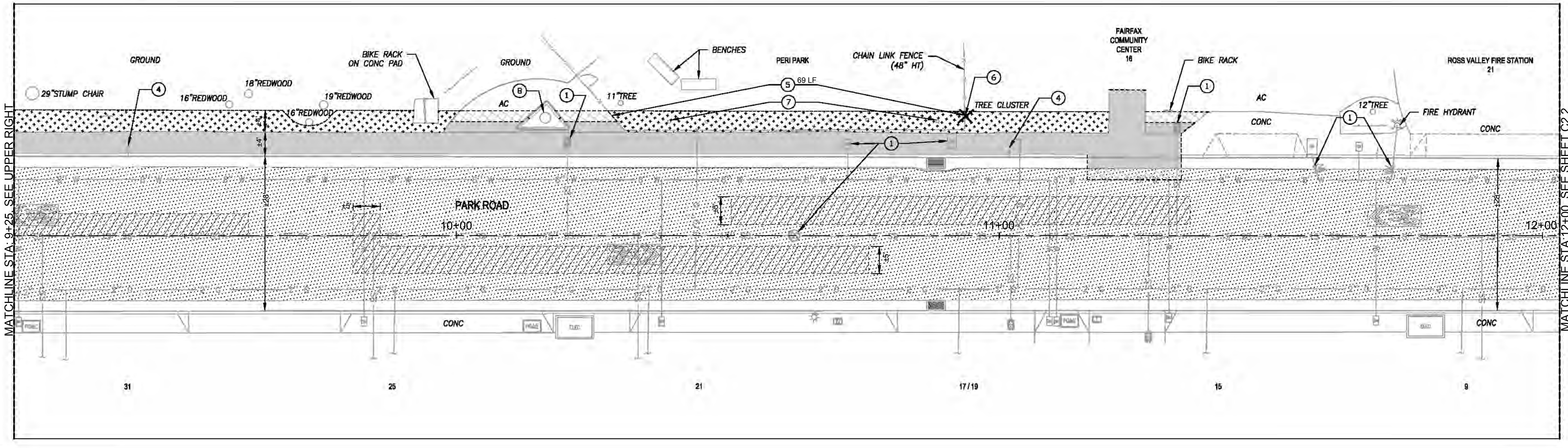
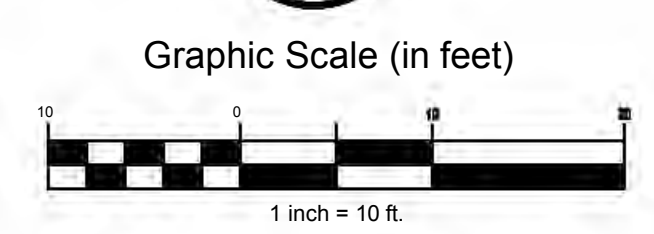
- MILL AND DISPOSE ASPHALT PAVEMENT (2" MIN).
- REMOVE AND DISPOSE ASPHALT OR CONCRETE PAVEMENT (INCLUDING BASE ROCK. SEE NOTE 6), WHERE REMAINING ASPHALT BETWEEN SAWCUT AND EXISTING GUTTER PAN IS LESS THAN 12". CONTRACTOR SHALL REMOVE AND REPLACE WITH 8" MIN. AC PLUG (VIF)
- REMOVE AND DISPOSE ASPHALT PAVEMENT FOR NEW HMA PLUG (8" MIN., SEE DETAIL 5, SHEET C6.0)
- DIG OUT REPAIR (SEE DETAIL 7, SHEET C6.0) TO BE VERIFIED IN THE FIELD WITH THE ENGINEER
- CLEAR, GRUBB, AND DISPOSE

KEYNOTES

- 1 ADJUST FRAME & COVER TO GRADE PER APPLICABLE AGENCY'S LATEST STANDARDS
- 2 PROTECT IN PLACE SIDEWALK UNDER DRAIN. CONTRACTOR SHALL MAINTAIN POSITIVE FLOW TO NEW GUTTER FLOWLINE
- 3 REMOVE AND DISPOSE STORM DRAIN PIPE
- 4 REMOVE AND DISPOSE POST AND FOUNDATION, SALVAGE SIGN(S) (TO BE MOUNTED ON NEW POST).
- 5 SALVAGE GATE AND FENCE (INCLUDING FACE BOARDS, MESH AND POSTS)
- 6 REMOVE AND DISPOSE TREE
- 7 PROTECT IN PLACE TRELIS STRUCTURE (INCLUDING POSTS, FOUNDATION, AND ANY OTHER APPURTENANCES)
- 8 SALVAGE EX. PLAQUE AND BOULDER, RETURN TO TOWN
- 9 NOT USED
- 10 CONTRACTOR SHALL POT HOLE TO VERIFY LOCATION, DEPTH, SIZE AND EXTENTS OF UTILITY (I.E. TOP AND BOTTOM ELEVATION. PROVIDE POT HOLE RESULTS IMMEDIATELY TO ENGINEER FOR REVIEW.

NOTES:

1. CONTRACTOR SHALL PROTECT IN PLACE EXISTING UTILITIES, U.N.O. (INCLUDING BOXES, STRUCTURES, PIPES, POLES, OVERHEAD, AND ANY OTHER APPURTENANCES).
2. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES CROSSING PROPOSED SD IMPROVEMENTS AND VERIFY COVER VIA POT HOLE. COORDINATE WITH APPROPRIATE AGENCY TO ADJUST UTILITY AS NEEDED.
3. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING TREES (U.N.O). SEE SHEET C6.0 FOR TREE PROTECTION DETAIL.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO FIRE HYDRANTS AT ALL TIMES.
5. CONCRETE SHALL BE REMOVED AT NEAREST EXISTING JOINT BEYOND (VIF) OR AS APPROVED BY THE ENGINEER.
6. ON A CASE BY CASE BASIS, THE EXISTING BASE MATERIAL MAY BE RE-USED AS APPROVED BY THE ENGINEER.



**PARK ROAD
 REHABILITATION PROJECT
 DEMOLITION PLAN
 STA: 6+25 TO STA: 12+00
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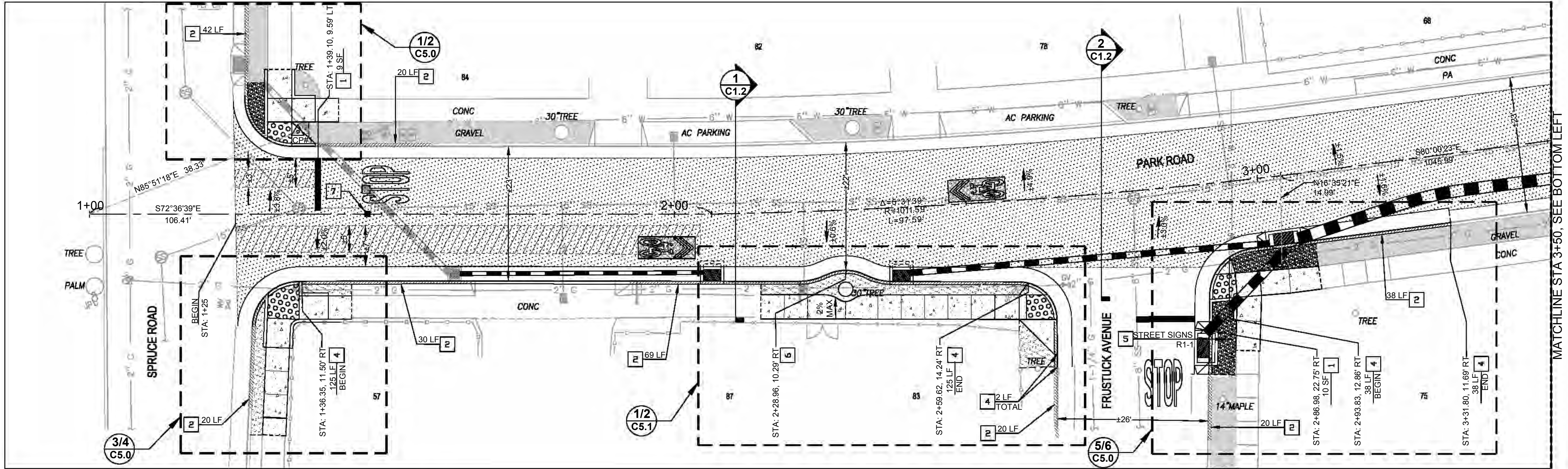
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LEGEND

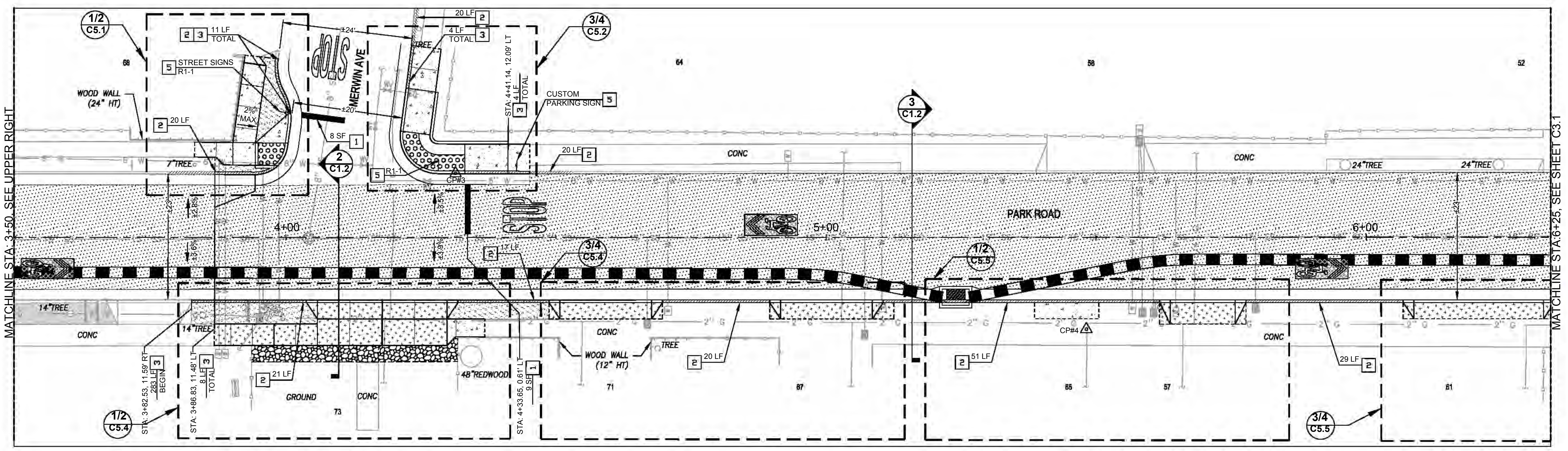
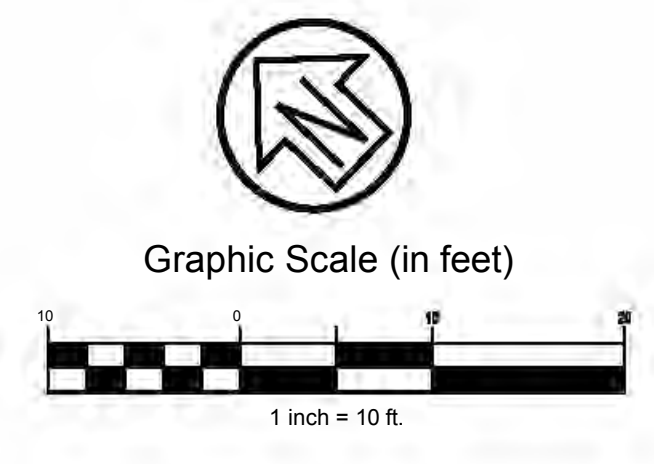
- SHARED ROADWAY BICYCLE MARKING (CALTRANS STD. PLAN A24C) W/ GREEN THERMOPLASTIC BACKING
- PAVEMENT MARKINGS WORDS (CALTRANS STD. PLAN A24D)
- RED CURB PAINT (U.N.O.)

KEYNOTES

- 1 12" WIDE LIMIT LINE (STOP LINE) PER STANDARD PLAN A24G
- 2 RED CURB PAINT (U.N.O., SEE PLANS FOR LENGTH), PROTECT IN PLACE ADDRESS NUMBERS (VIF)
- 3 TYPE A CURB PER UCS DWG 105
- 4 MODIFIED TYPE A CURB (30" GUTTER PAN) PER UCS DWG 105
- 5 INSTALL SALVAGED SIGN ON NEW POST PER UCS DWG 310
- 6 CURB AND GUTTER BULBOUT PER DETAIL 6, SHEET C6.0
- 7 BLUE RAISED RETRO-REFLECTIVE PAVEMENT MARKER PER CAMUTCD

NOTE:

1. CONTRACTOR SHALL ADJUST ALL AT GRADE UTILITIES WITHIN THE LIMITS OFF WORK FLUSH TO FINISHED SURFACE PER THE APPLICABLE UTILITY AGENCY'S LATEST STANDARDS.
2. SEE SHEETS C4.0 TO C4.2 FOR STORM DRAIN IMPROVEMENT PLANS



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REHABILITATION PROJECT
PAVEMENT PLAN
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Rev	Date	Description	Designed	Drawn	Checked

PARK ROAD
REHABILITATION PROJECT
PAVEMENT PLAN
STA: 6+25 TO STA: 12+00
TOWN OF FAIRFAX

Town Of Fairfax
County Of Marin
State Of California

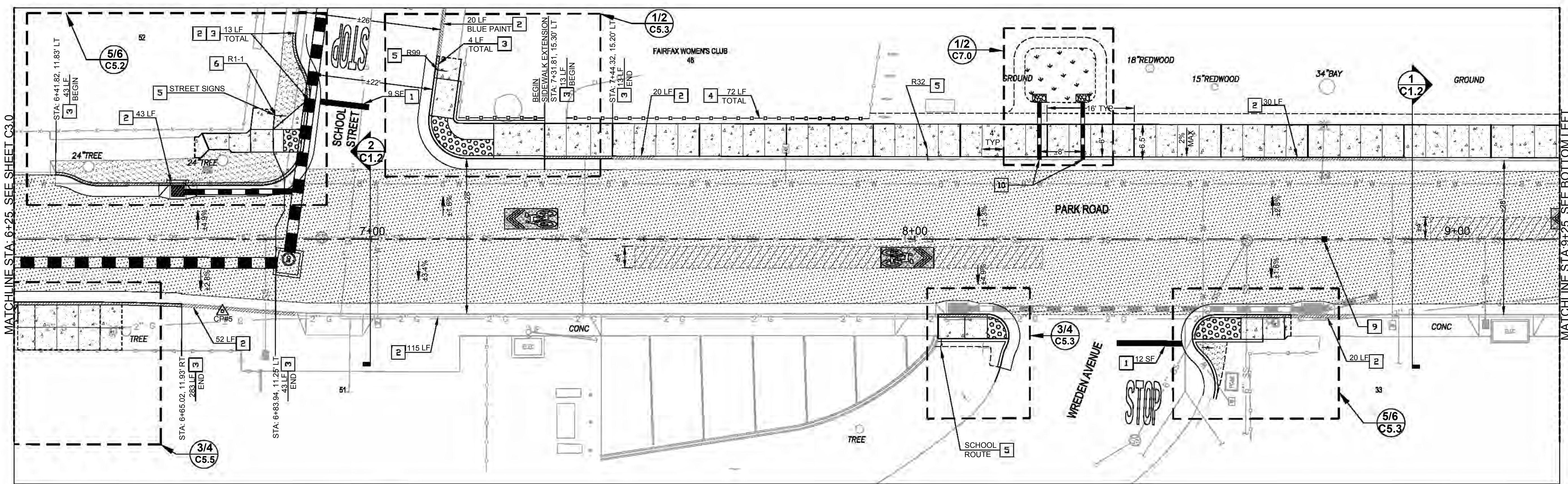
Prepared Under the Direction of:



Sheet

C3.1

Scale: 1" = 10'
Date: 9/25/2024
Project Number: 2300142
Sheet Number: 8 of 22



LEGEND

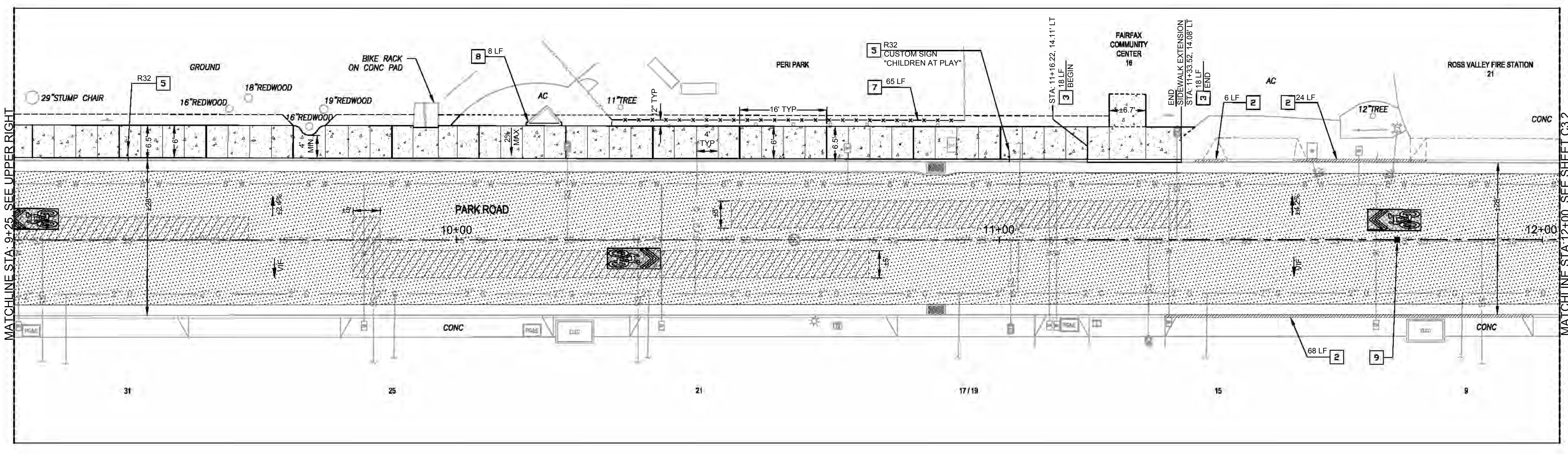
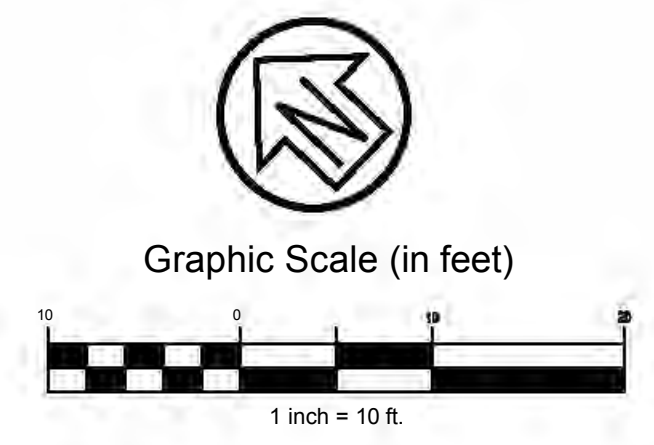
- SHARED ROADWAY BICYCLE MARKING (CALTRANS STD. PLAN A24C) W/ GREEN THERMOPLASTIC BACKING
- PAVEMENT MARKINGS WORDS (CALTRANS STD. PLAN A24D)
- CURB PAINT (U.N.O.)

KEYNOTES

- 1 12" WIDE LIMIT LINE (STOP LINE) PER STANDARD PLAN A24G
- 2 RED CURB PAINT (U.N.O., SEE PLANS FOR LENGTH), PROTECT IN PLACE ADDRESS NUMBERS (VIF)
- 3 TYPE A CURB PER UCS DWG 105
- 4 INSTALL SALVAGED WOOD FENCE ON NEW POSTS AND FOUNDATIONS, SEE DETAIL 8, SHEET 6.0
- 5 INSTALL SALVAGED SIGN ON NEW POST PER UCS DWG 310
- 6 INSTALL NEW SIGN ON NEW POST PER UCS DWG 310
- 7 INSTALL SALVAGED CHAIN LINK FENCE ON NEW POSTS AND FOUNDATIONS, SEE DETAIL 8, SHEET C6.0
- 8 TYPE E CURB PER UCS DWG 105
- 9 BLUE RAISED RETRO-REFLECTIVE PAVEMENT MARKER PER CAMUTCD
- 10 SIDEWALK UNDERDRAIN PER UCS #145

NOTE:

1. CONTRACTOR SHALL ADJUST ALL AT GRADE UTILITIES WITHIN THE LIMITS OFF WORK FLUSH TO FINISHED SURFACE PER THE APPLICABLE UTILITY AGENCY'S LATEST STANDARDS.



MATCHLINE STA: 6+25, SEE SHEET C3.0

MATCHLINE STA: 9+25, SEE BOTTOM LEFT

MATCHLINE STA: 9+25, SEE UPPER RIGHT

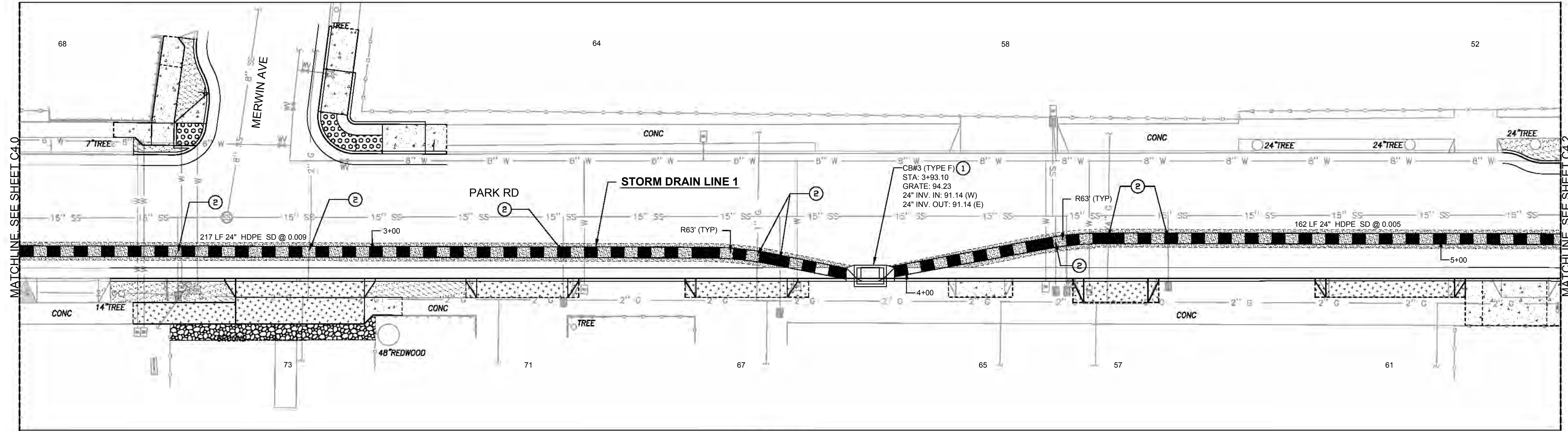
MATCHLINE STA: 12+00, SEE SHEET C3.2

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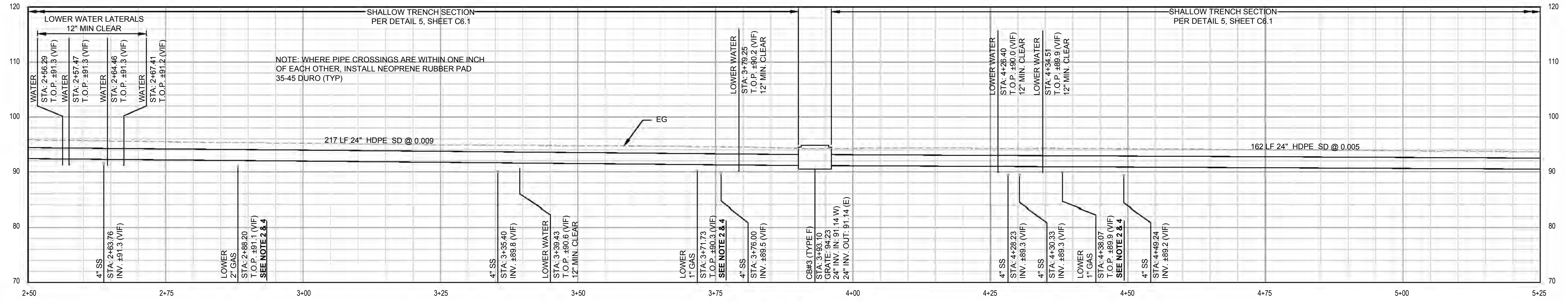
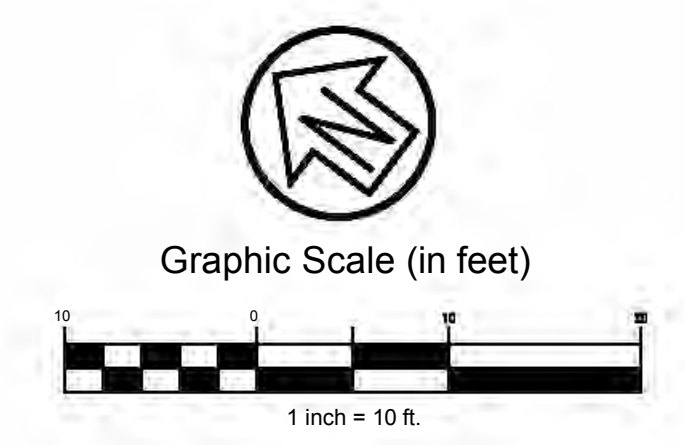
PLAN VIEW
 SCALE: 1" = 10'

KEYNOTES

- ① TYPE "F" CATCH BASIN PER UCS #250
- ② **BID ALTERNATIVE** - WHERE UTILITY LINES CONFLICT WITH PROPOSED STORM DRAIN, INSTALL NEW CONFLICT STRUCTURE PER DETAIL 2, SHEET 6.1.

NOTES:

1. CONTRACTOR SHALL LOCATE ALL UTILITY CROSSINGS WITH PROPOSED STORM DRAIN AND POT HOLE TO CONFIRM SIZE AND DEPTH PRIOR TO STORM DRAIN CONSTRUCTION. NOTIFY THE ENGINEER FOR ALL CONFLICTS.
2. CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY AGENCY FOR RELOCATION OF ALL SERVICE LATERALS AS NEEDED FOR NEW STORM DRAIN IMPROVEMENTS.
3. TRENCH SECTION SHALL BE PER UCS DWG 330. WHERE LESS THAN 18" BETWEEN BOTTOM OF PAVING SECTION (I.E. BOTTOM OF EX. A.B., VIF) AND TOP OF PIPE, CONTRACTOR SHALL USE SHALLOW TRENCH SECTION PER DETAIL 12, SHEET C6.0.
4. **BID ALTERNATIVE** - WHERE UTILITY LINES CONFLICT WITH PROPOSED STORM DRAIN, INSTALL NEW CONFLICT STRUCTURE PER DETAIL 2, SHEET 6.1.
5. EXISTING UTILITY LOCATIONS ARE SHOWN APPROXIMATE ONLY. WHERE UTILITY CONFLICTS WITH THE STORM DRAIN, CONTRACTOR SHALL CONTACT THE JURISDICTIONAL AGENCY PRIOR TO RELOCATION OR INSTALLATION OF CONFLICT STRUCTURE. FOR WATER LINE RELOCATION, SEE DETAIL 3, SHEET 6.1. FOR SEWER AND GAS LINE CONFLICTS, SEE DETAIL 2, SHEET 6.1.



STORM DRAIN LINE 1 PROFILE
 SCALE: HOR. 1" = 10' VERT. 1" = 10'

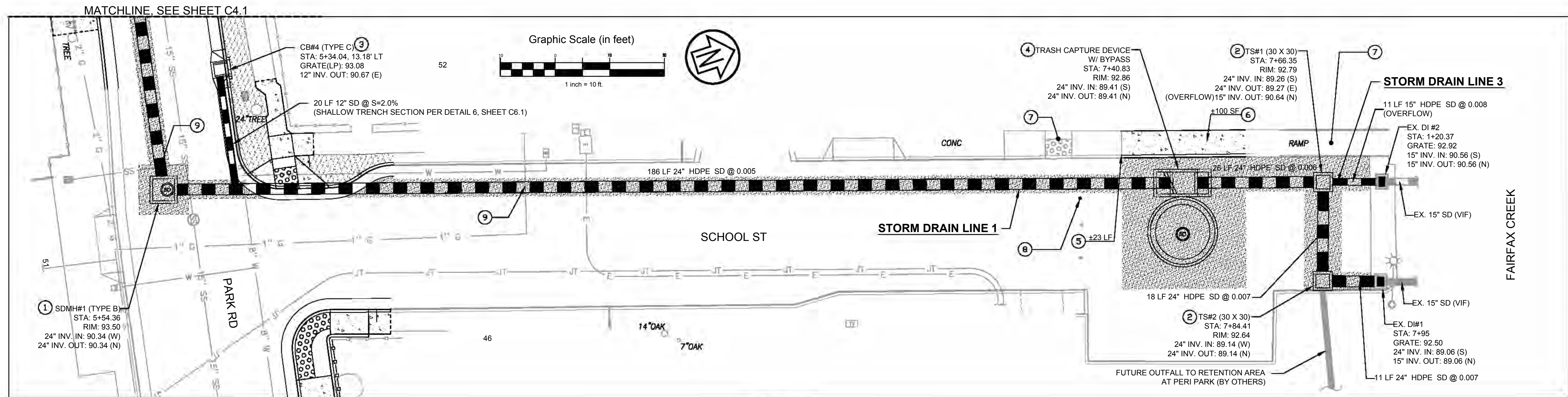
**PARK ROAD
 REHABILITATION PROJECT
 STORM DRAIN PLAN & PROFILE
 TOWN OF FAIRFAX**

Town Of
 Fairfax
 County Of
 Marin
 State Of
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Prepared Under the Direction of:



Sheet	C4.1
Scale:	1" = 10'
Date:	9/25/2024
Project Number:	2300142
Sheet Number:	11 of 22



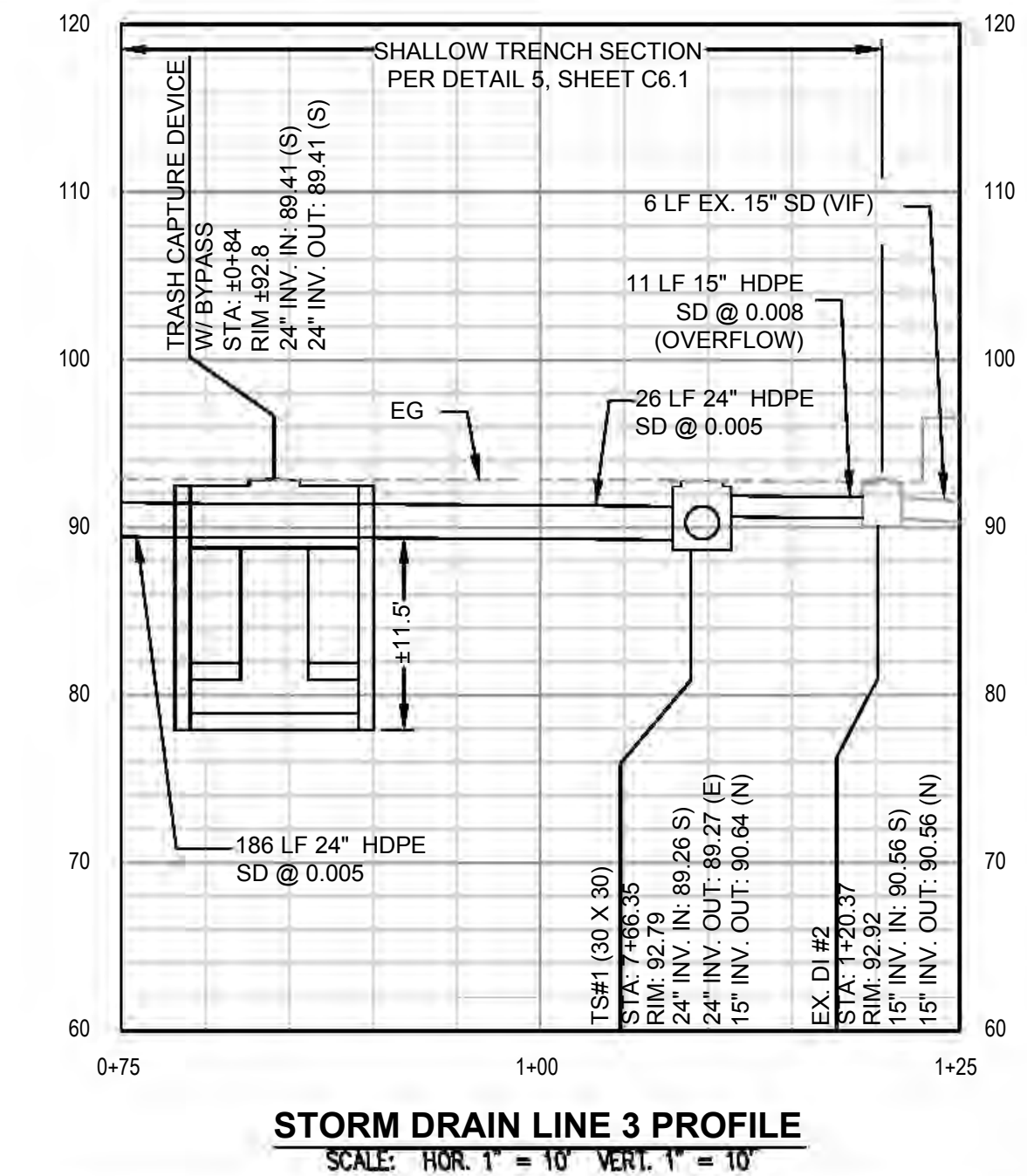
KEYNOTES

- 1 TYPE "B" MANHOLE PER UCS #210
- 2 TURNING STRUCTURE PER UCS #260
- 3 TYPE "C" CATCH BASIN PER UCS #235
- 4 TRASH CAPTURE DEVICE W/ BYPASS, SEE DETAIL 1, SHEET C6.0
- 5 TYPE E CURB PER UCS DWG 105
- 6 NON-TRAFFIC RATED CONCRETE PER DETAIL 1, SHEET C6.0
- 7 PROTECT IN PLACE EX. RAMP
- 8 INSTALL SALVAGED BOLLARD PER DETAIL 11, SHEET C6.0
- 9 **BID ALTERNATIVE** - WHERE UTILITY LINES CONFLICT WITH PROPOSED STORM DRAIN, INSTALL NEW CONFLICT STRUCTURE PER DETAIL 2, SHEET 6.1.

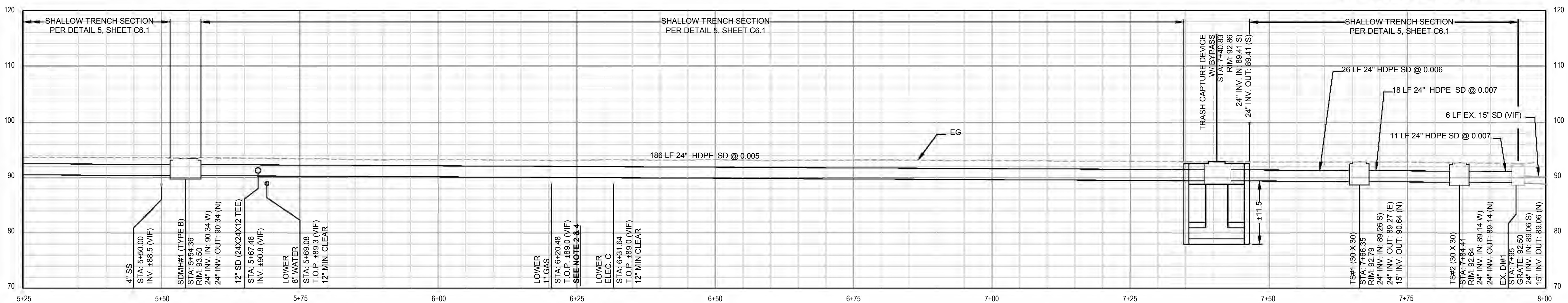
NOTES:

1. CONTRACTOR SHALL LOCATE ALL UTILITY CROSSINGS WITH PROPOSED STORM DRAIN AND POT HOLE TO CONFIRM SIZE AND DEPTH PRIOR TO STORM DRAIN CONSTRUCTION. NOTIFY THE ENGINEER FOR ALL CONFLICTS.
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PLAN VIEW
SCALE: 1" = 10'



STORM DRAIN LINE 3 PROFILE
SCALE: HOR. 1" = 10' VERT. 1" = 10'



STORM DRAIN LINE 1 PROFILE
SCALE: HOR. 1" = 10' VERT. 1" = 10'



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**PARK ROAD
REHABILITATION PROJECT
STORM DRAIN PLAN & PROFILE
TOWN OF FAIRFAX**

Town Of
Fairfax
County Of
Marin
State Of
California

Prepared Under the Direction of:



Sheet
C4.2
Scale: 1" = 10'
Date: 9/25/2024
Project Number: 2300142
Sheet Number: 12 of 22

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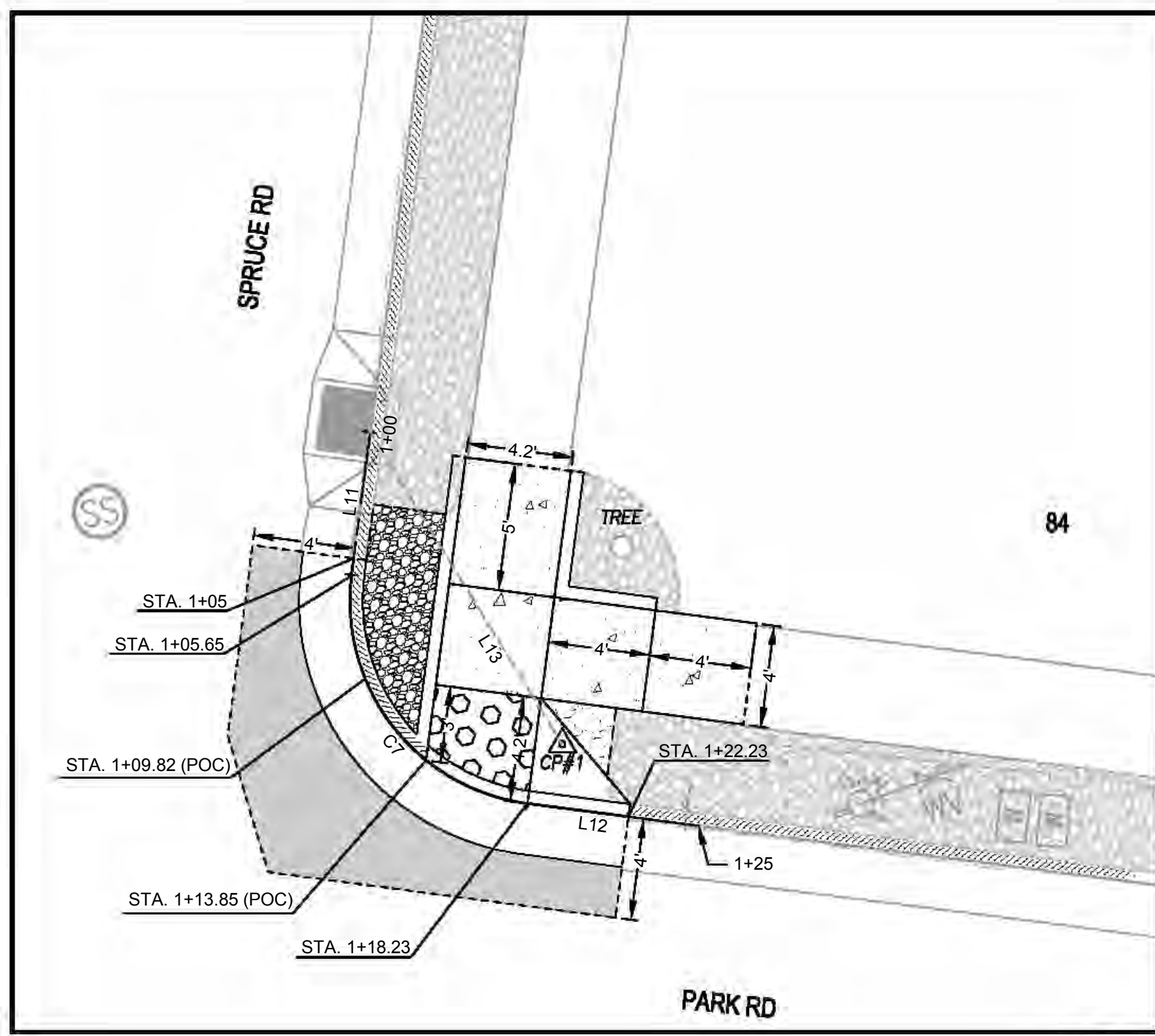


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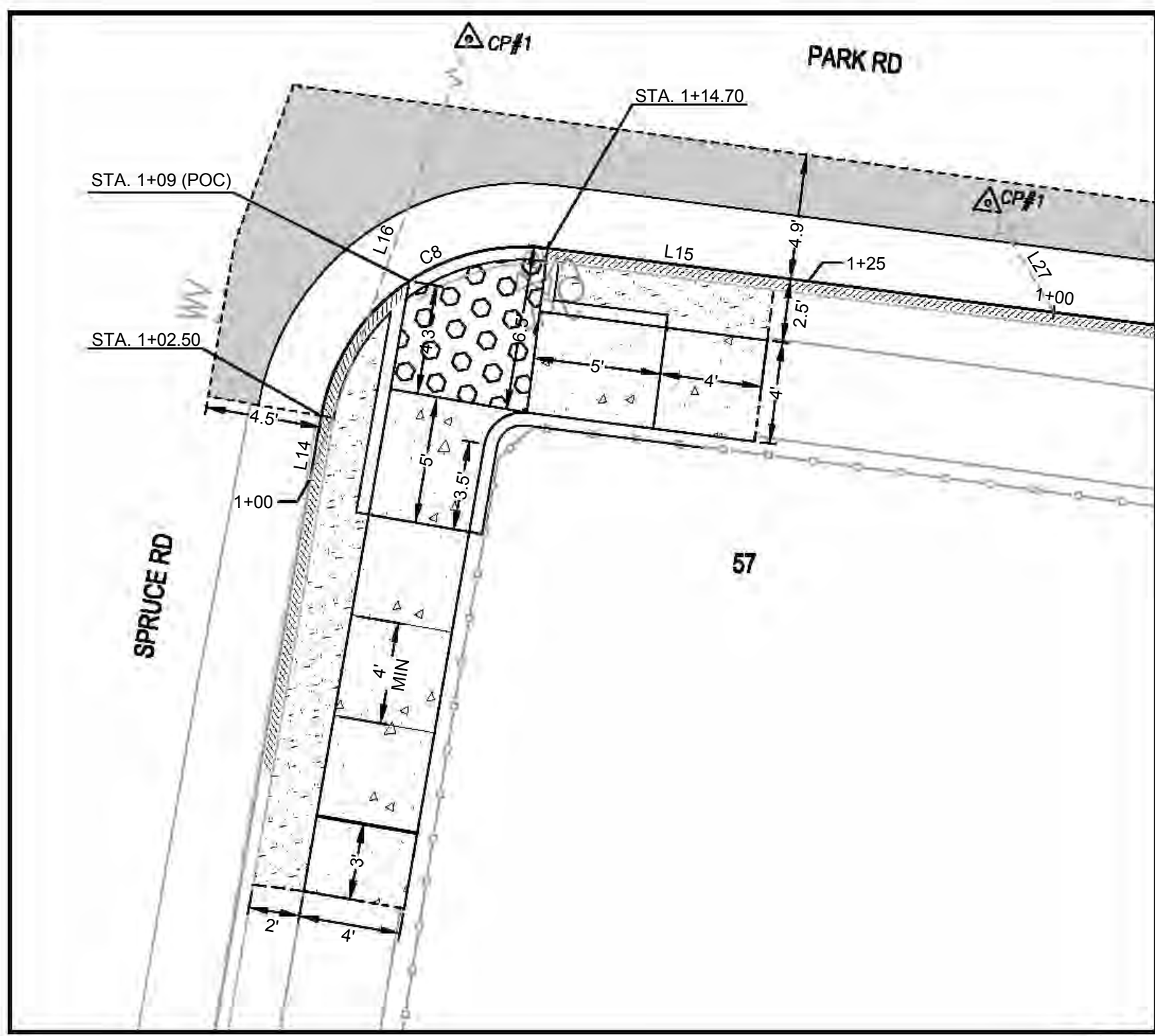
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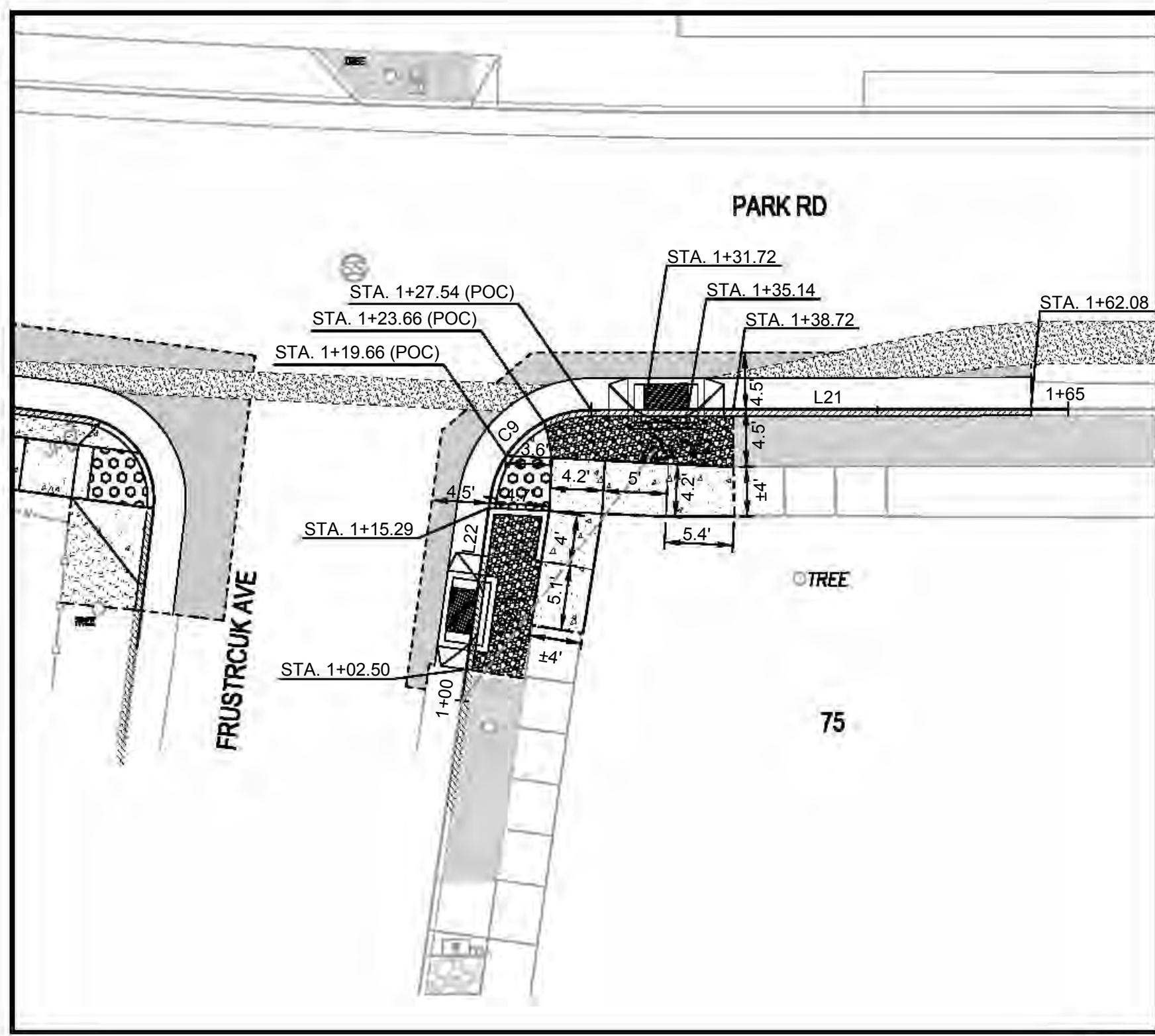
Rev	Date	Description	Designed	Drawn	Checked



1 HORIZONTAL CONTROL - CURB RAMP 1
SCALE: 1" = 5'



3 HORIZONTAL CONTROL - CURB RAMP 2
SCALE: 1" = 5'



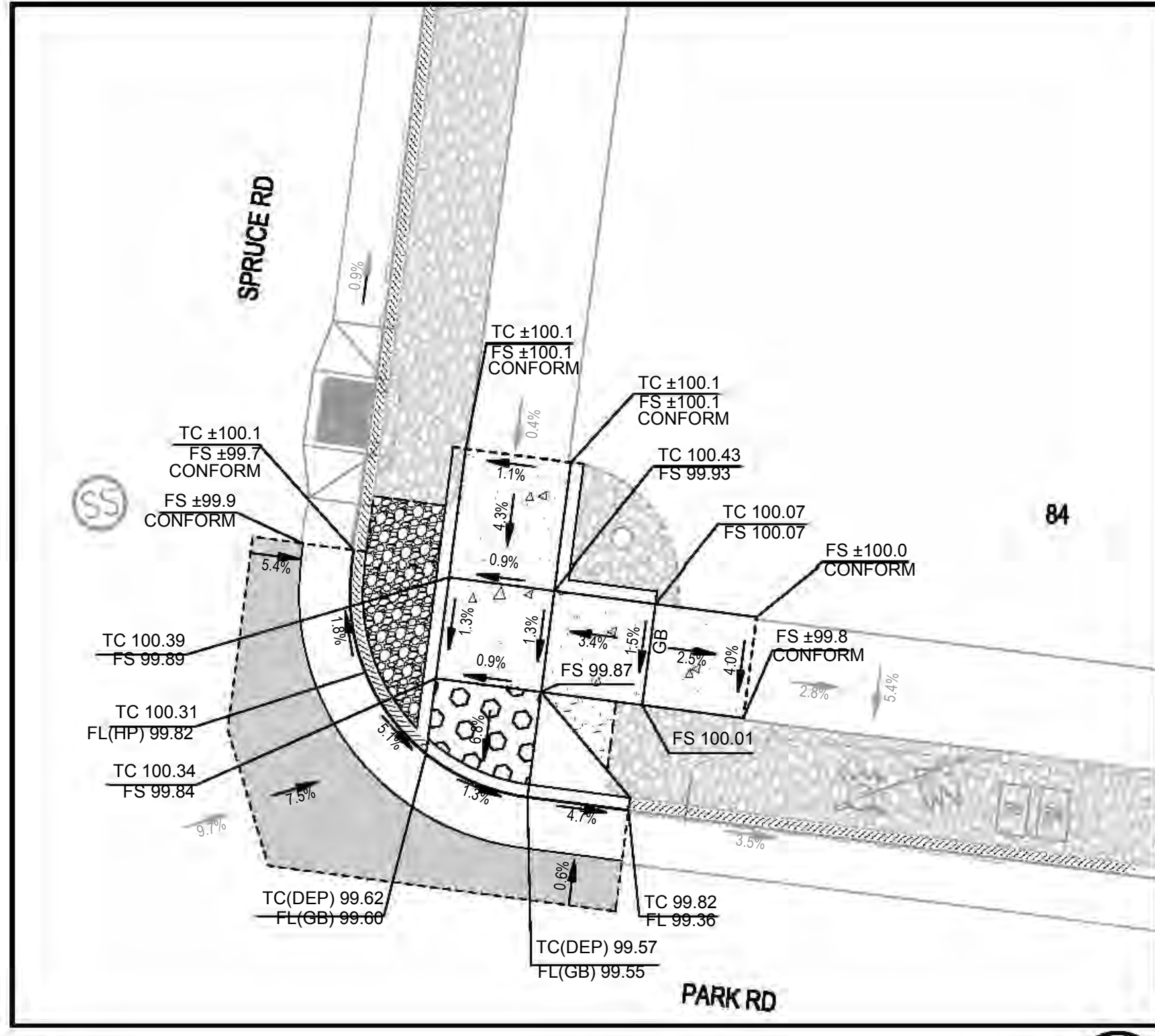
5 HORIZONTAL CONTROL - CURB RAMP 4
SCALE: 1" = 10'

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L11	1+00.00	5013.38	4994.70	S17° 28' 36"W	5.65	
C7	1+05.65	5007.99	4993.00	S27° 34' 34"E	12.58	8.00
L12	1+18.23	4997.95	4998.25	S72° 37' 43"E	6.77	

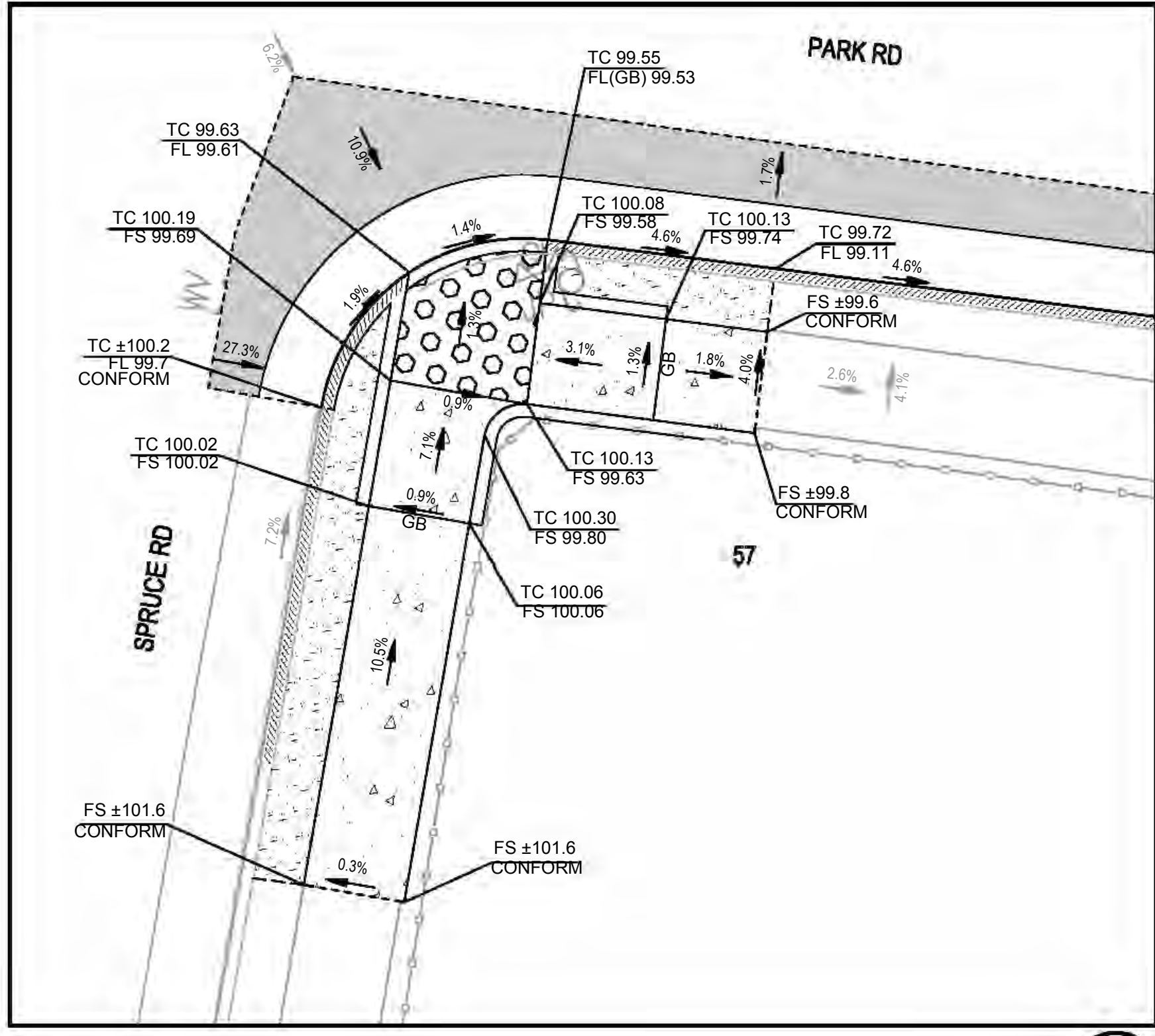
TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L14	1+00.00	4968.25	4981.80	N19° 48' 34"E	2.50	
C8	1+02.50	4970.61	4982.64	N63° 30' 38"E	12.20	8.00
L15	1+14.70	4975.54	4992.54	S72° 47' 17"E	10.30	

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L22	1+00.00	4911.48	5135.53	N17° 58' 14"E	16.10	
C9	1+16.10	4926.80	5140.49	N58° 56' 28"E	11.44	8.00
L21	1+27.54	4932.21	5149.48	S80° 05' 19"E	37.46	

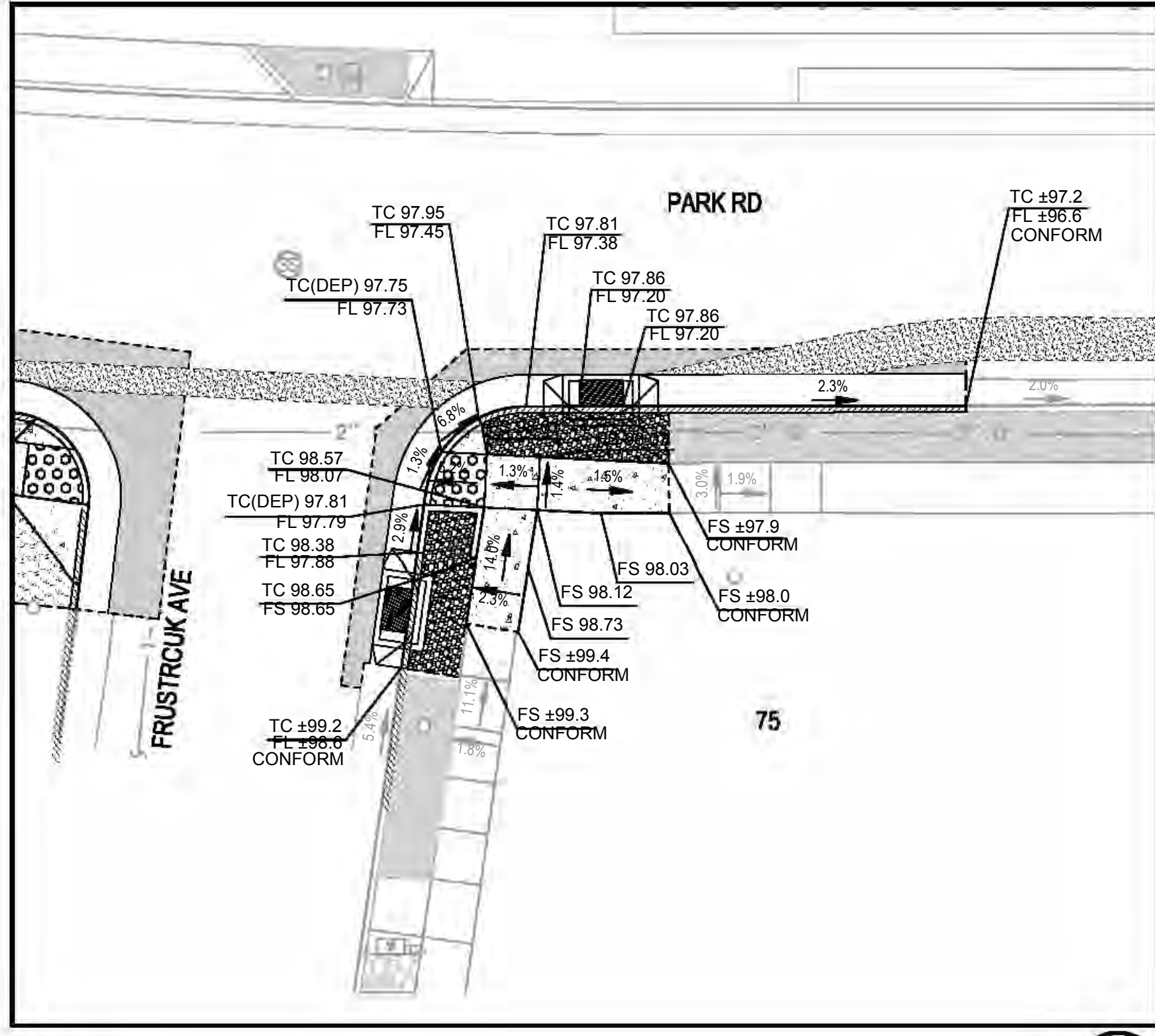
TAG	BEARING	DISTANCE
L13	N21°36'45"W	14.39'
L16	S29°49'48"W	36.59'
L23	S47°36'23"W	24.86'



2 GRADING PLAN - CURB RAMP 1
SCALE: 1" = 5'



4 GRADING PLAN - CURB RAMP 2
SCALE: 1" = 5'



6 GRADING PLAN - CURB RAMP 4
SCALE: 1" = 10'

**PARK ROAD REHABILITATION PROJECT
CURB RAMP PLAN
TOWN OF FAIRFAX**

Town Of Fairfax
County Of Marin
State Of California

Prepared Under the Direction of:



Sheet
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Scale: As Shown
Date: 9/25/2024
Project Number: 2300142
Sheet Number: 13 of 22

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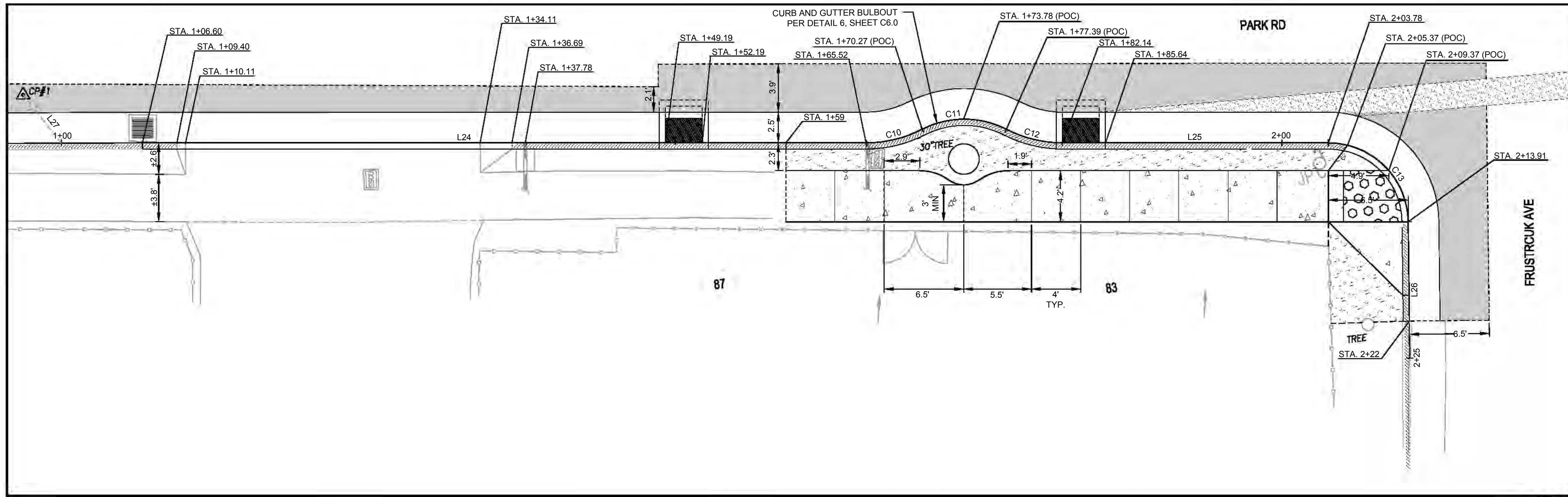
**PARK ROAD
 REHABILITATION PROJECT
 CURB RAMP PLAN
 TOWN OF FAIRFAX**

Town Of
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 County Of
 Marin
 State Of
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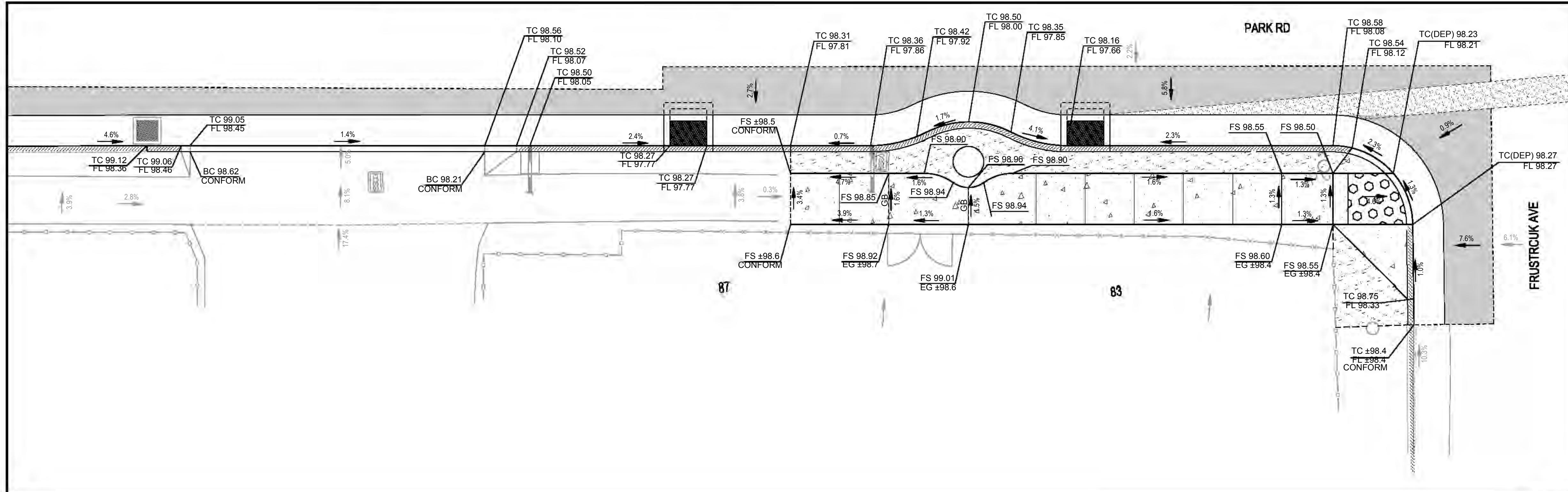
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 Scale: 1" = 5'
 Date: 9/25/2024
 Project Number: 2300142
 Sheet Number: 14 of 22



1 HORIZONTAL CONTROL - CURB RAMP 3
 SCALE: 1" = 5'

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L24	1+00.00	4969.64	5011.65	S72° 31' 21"E	65.52	
C10	1+65.52	4949.96	5074.14	S86° 07' 07"E	4.75	10.00
C11	1+70.27	4949.64	5078.84	S72° 30' 40"E	7.12	7.50
C12	1+77.39	4947.58	5085.38	S58° 54' 13"E	4.75	10.00
L25	1+82.14	4945.15	5089.41	S72° 30' 40"E	21.64	
C13	2+03.78	4938.65	5110.05	S27° 51' 45"E	10.13	6.50
L26	2+13.91	4930.57	5114.32	S16° 47' 10"W	11.09	

TAG	BEARING	DISTANCE
L27	N20° 59' 31"W	32.52'

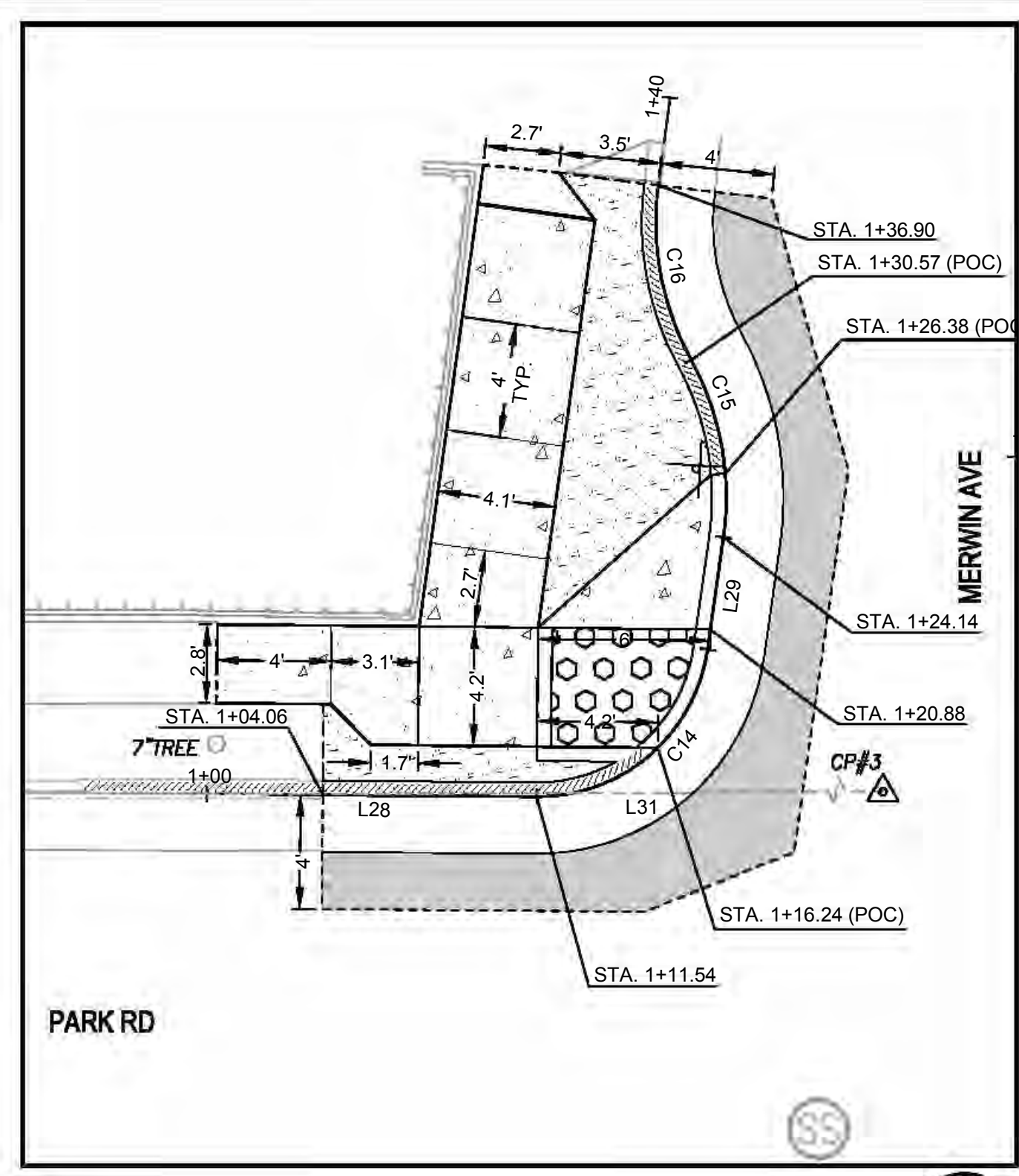


2 GRADING PLAN - CURB RAMP 3
 SCALE: 1" = 5'



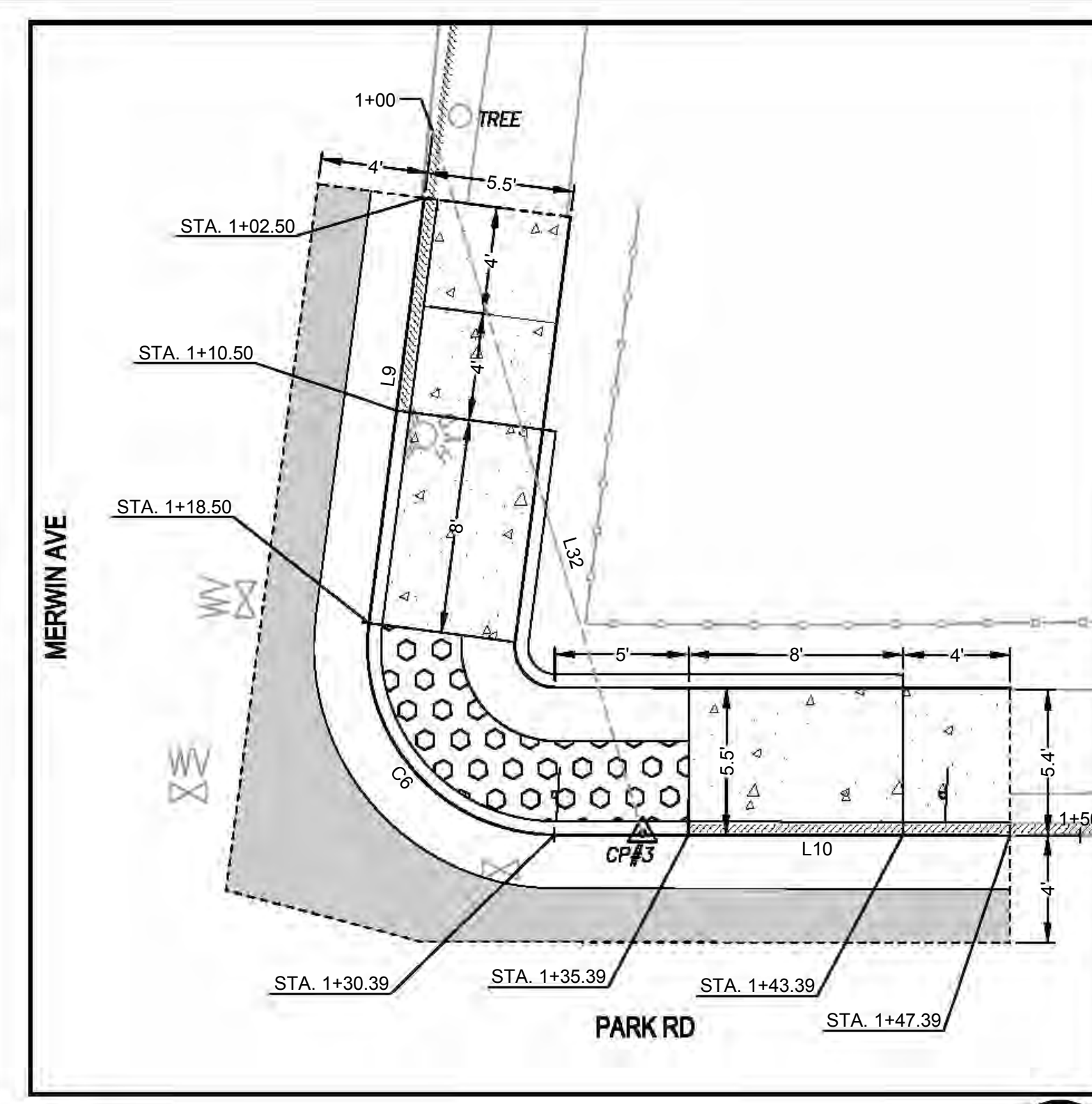
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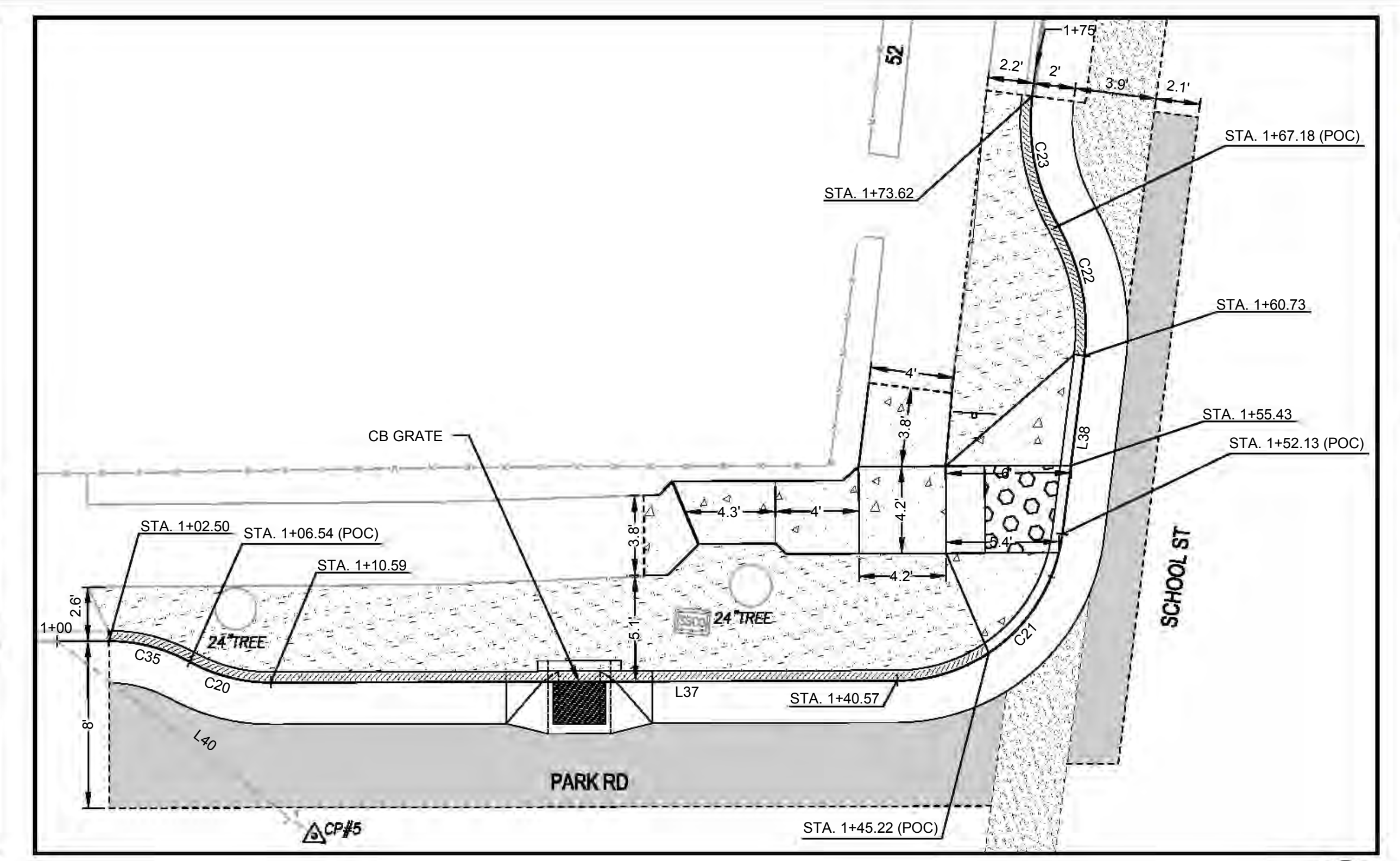
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 SCALE: 1" = 5'

CURB RAMP 5 ALIGNMENT						
TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L28	1+00.00	4940.28	5237.73	S79° 32' 03"E	11.54	
C14	1+11.54	4938.18	5249.08	N59° 16' 26"E	8.63	6.00
L29	1+20.17	4942.22	5255.88	N18° 04' 54"E	3.97	
C15	1+24.14	4945.99	5257.11	N0° 20' 11"W	6.43	10.00
C16	1+30.57	4952.31	5257.07	N0° 37' 24"W	6.33	10.00



3 HORIZONTAL CONTROL - CURB RAMP 6
 SCALE: 1" = 5'

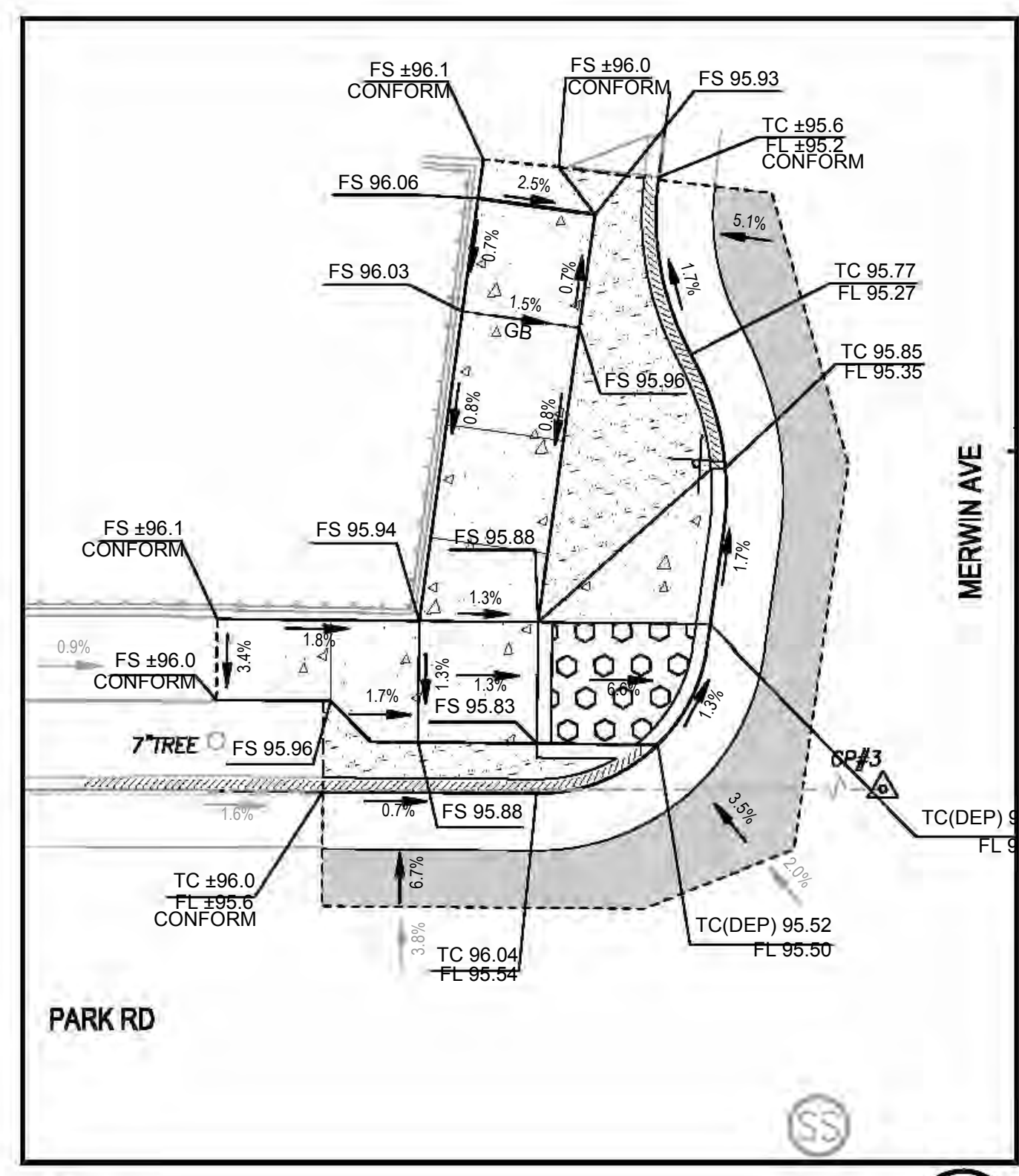
CURB RAMP 6 ALIGNMENT						
TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L9	1+00.00	4959.14	5282.52	S17° 25' 29"W	18.50	
C6	1+18.50	4941.49	5276.98	S31° 14' 23"E	11.89	7.00
L10	1+30.39	4932.50	5282.43	S79° 54' 15"E	19.61	



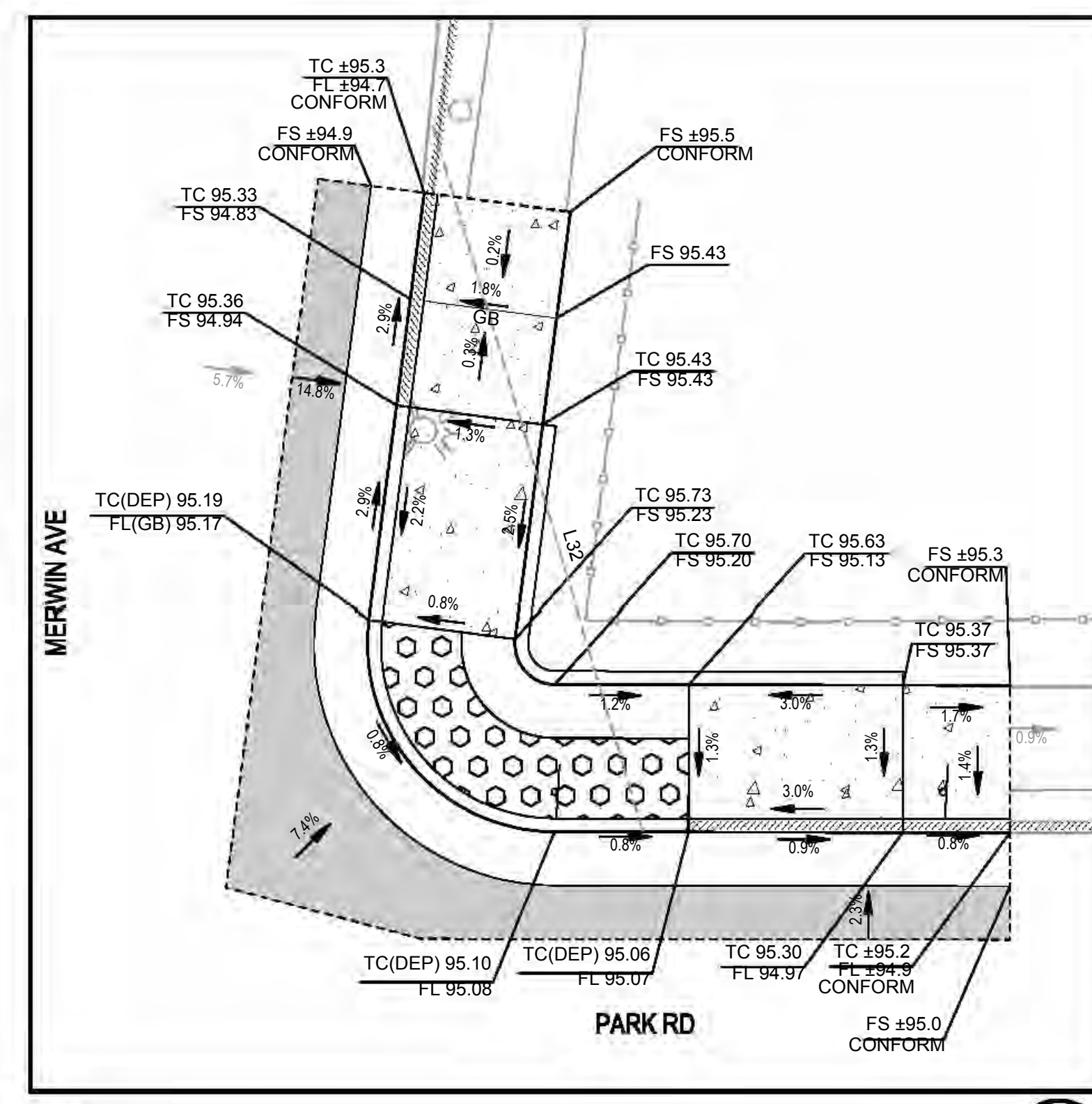
5 HORIZONTAL CONTROL - CURB RAMP 7
 SCALE: 1" = 5'

CURB RAMP 7 ALIGNMENT						
TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
C35	1+02.50	4895.63	5492.90	S65° 37' 31"E	4.04	8.00
C20	1+06.54	4893.98	5496.54	S65° 41' 14"E	4.05	8.00
L37	1+10.59	4892.33	5500.19	S80° 09' 28"E	29.99	
C21	1+40.57	4887.20	5529.74	N58° 25' 55"E	11.55	8.00
L38	1+52.13	4892.74	5538.75	N17° 03' 46"E	8.60	
C22	1+60.73	4900.96	5541.27	N1° 24' 38"W	6.45	10.00
C23	1+67.18	4907.30	5541.12	N1° 24' 38"W	6.45	10.00

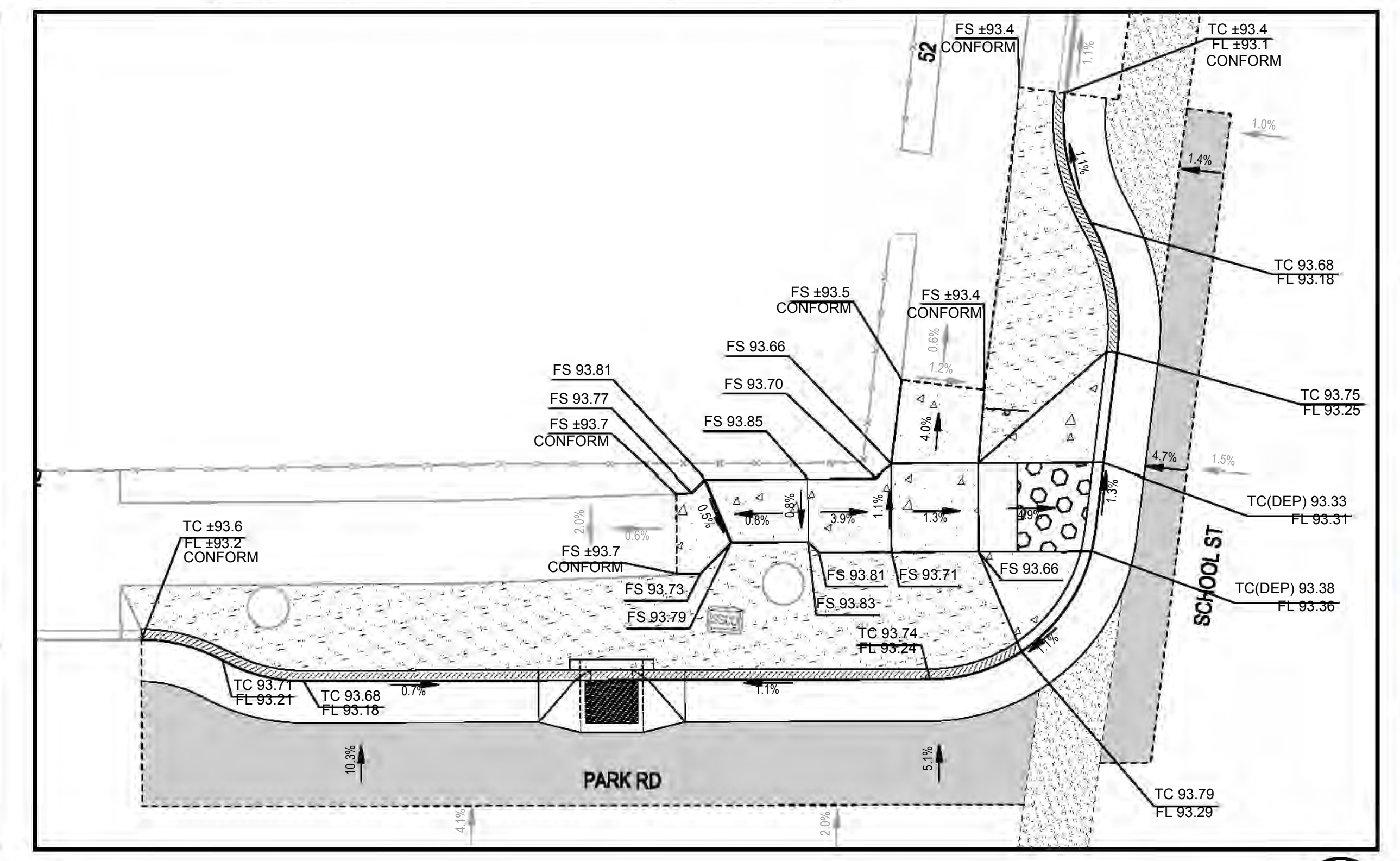
LINE TABLE		
TAG	BEARING	DISTANCE
L31	S80°10'55"E	48.66'
L32	N06°37'40"W	27.34'
L40	N42°54'35"W	41.62'



2 GRADING PLAN - CURB RAMP 5
 SCALE: 1" = 5'



4 GRADING PLAN - CURB RAMP 6
 SCALE: 1" = 5'



6 GRADING PLAN - CURB RAMP 7
 SCALE: 1" = 5'

**PARK ROAD
 REHABILITATION PROJECT
 CURB RAMP PLAN
 TOWN OF FAIRFAX**

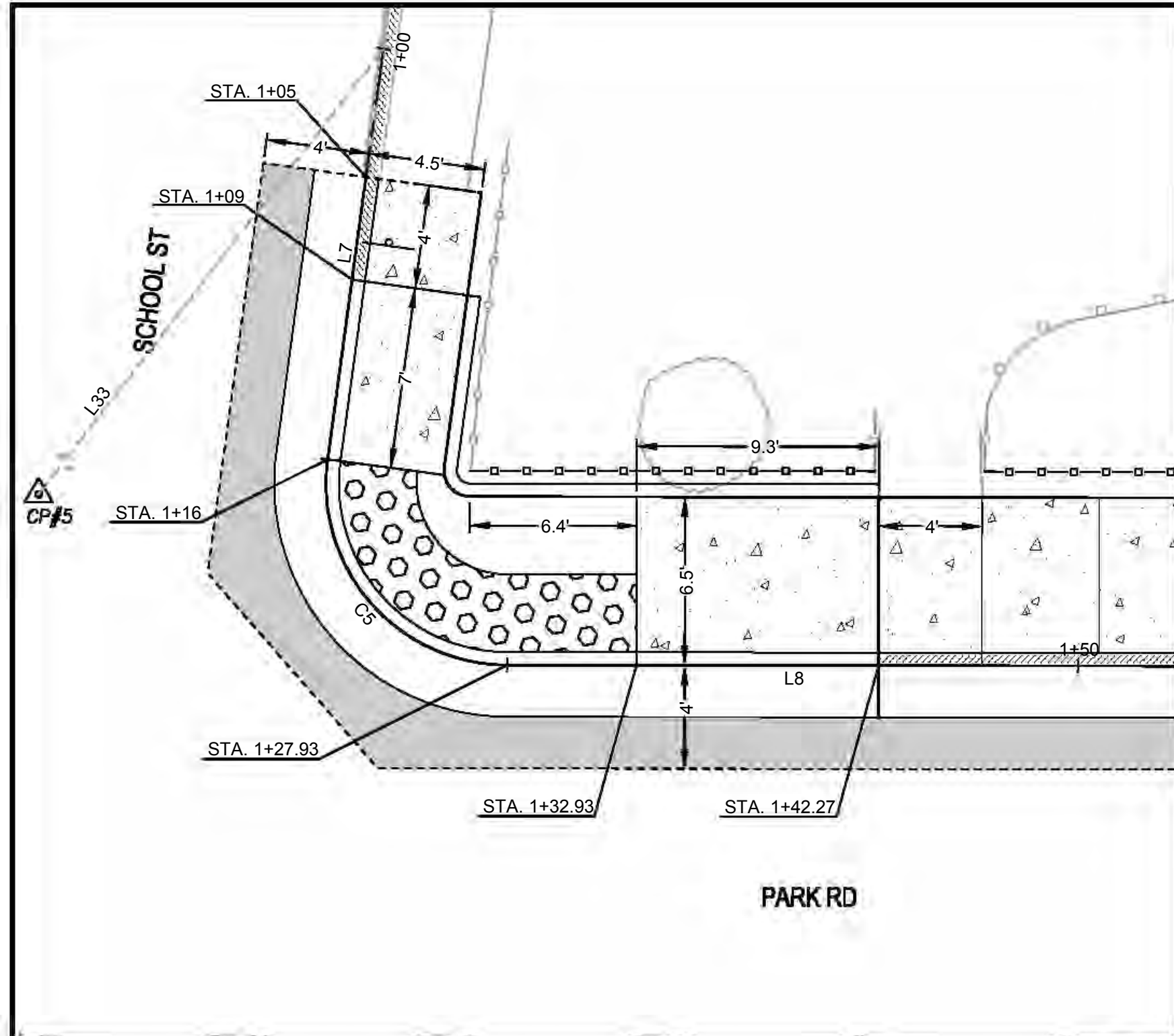
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 Marin
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 California

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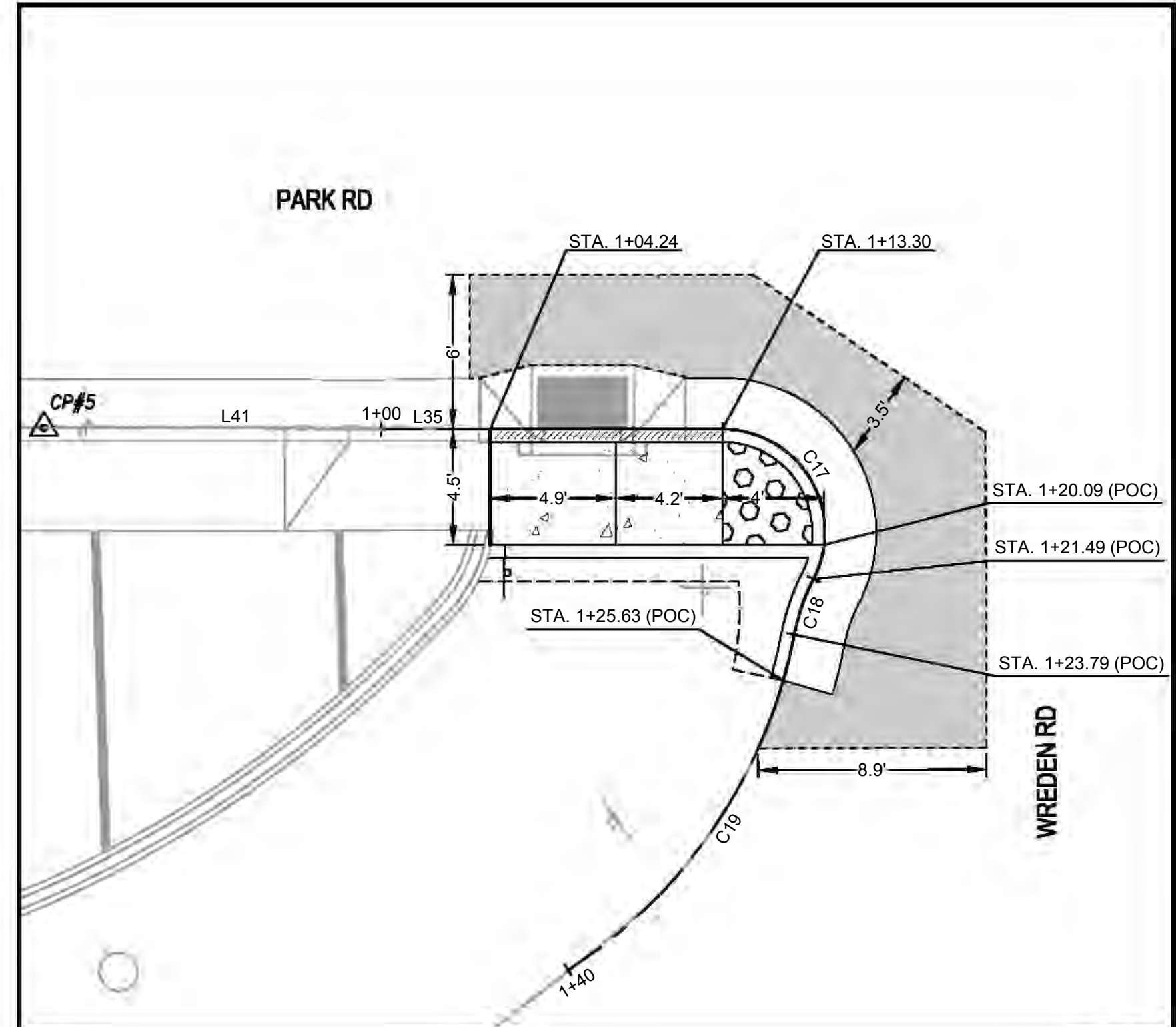
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 Date: 9/25/2024
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 Sheet Number: 15 of 22

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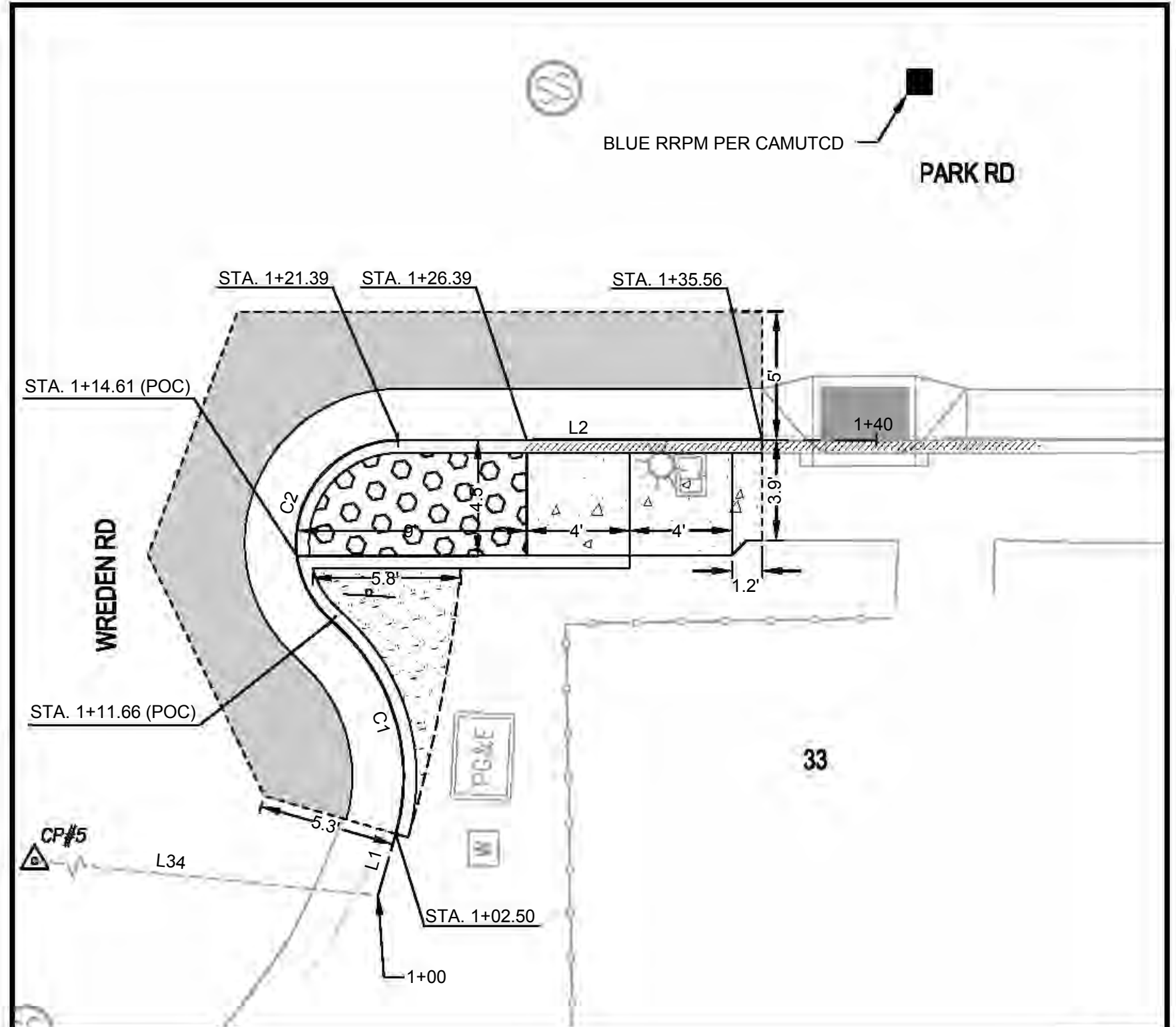
1 HORIZONTAL CONTROL - CURB RAMP 8
SCALE: 1" = 5'

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L7	1+00.00	4909.72	5567.36	S17° 43' 29"W	16.00	
C5	1+16.00	4894.48	5562.49	S31° 05' 22"E	11.93	7.00
L8	1+27.93	4885.45	5567.93	S79° 54' 13"E	22.07	



3 HORIZONTAL CONTROL - CURB RAMP 9
SCALE: 1" = 5'

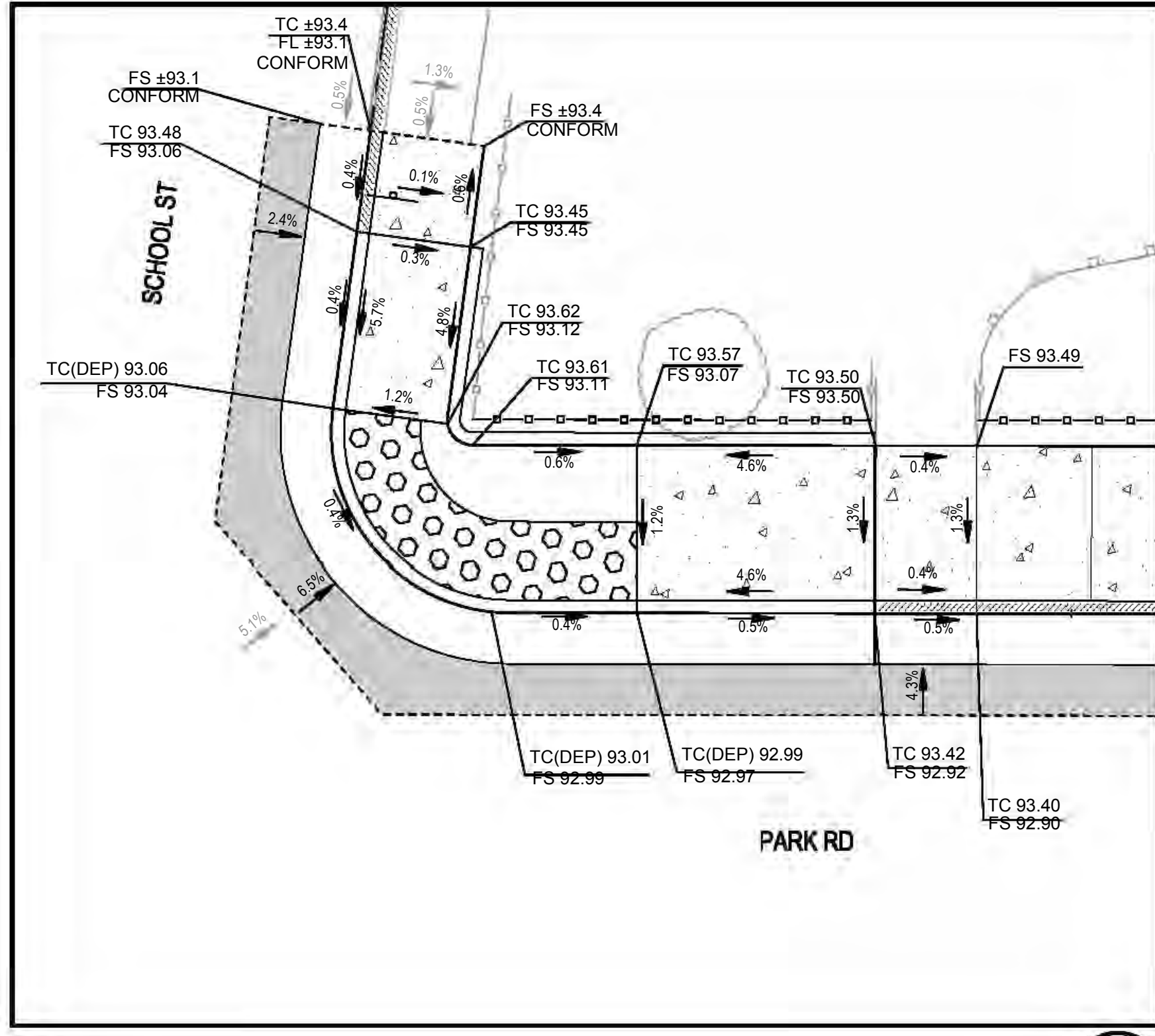
TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L35	1+00.00	4842.92	5644.23	S79° 59' 29"E	13.30	
C17	1+13.30	4840.61	5657.33	S21° 19' 51"E	8.19	4.00
C18	1+21.49	4834.24	5659.81	S29° 06' 15"W	2.30	8.00
C19	1+23.79	4832.24	5658.70	S44° 01' 26"W	16.21	20.06



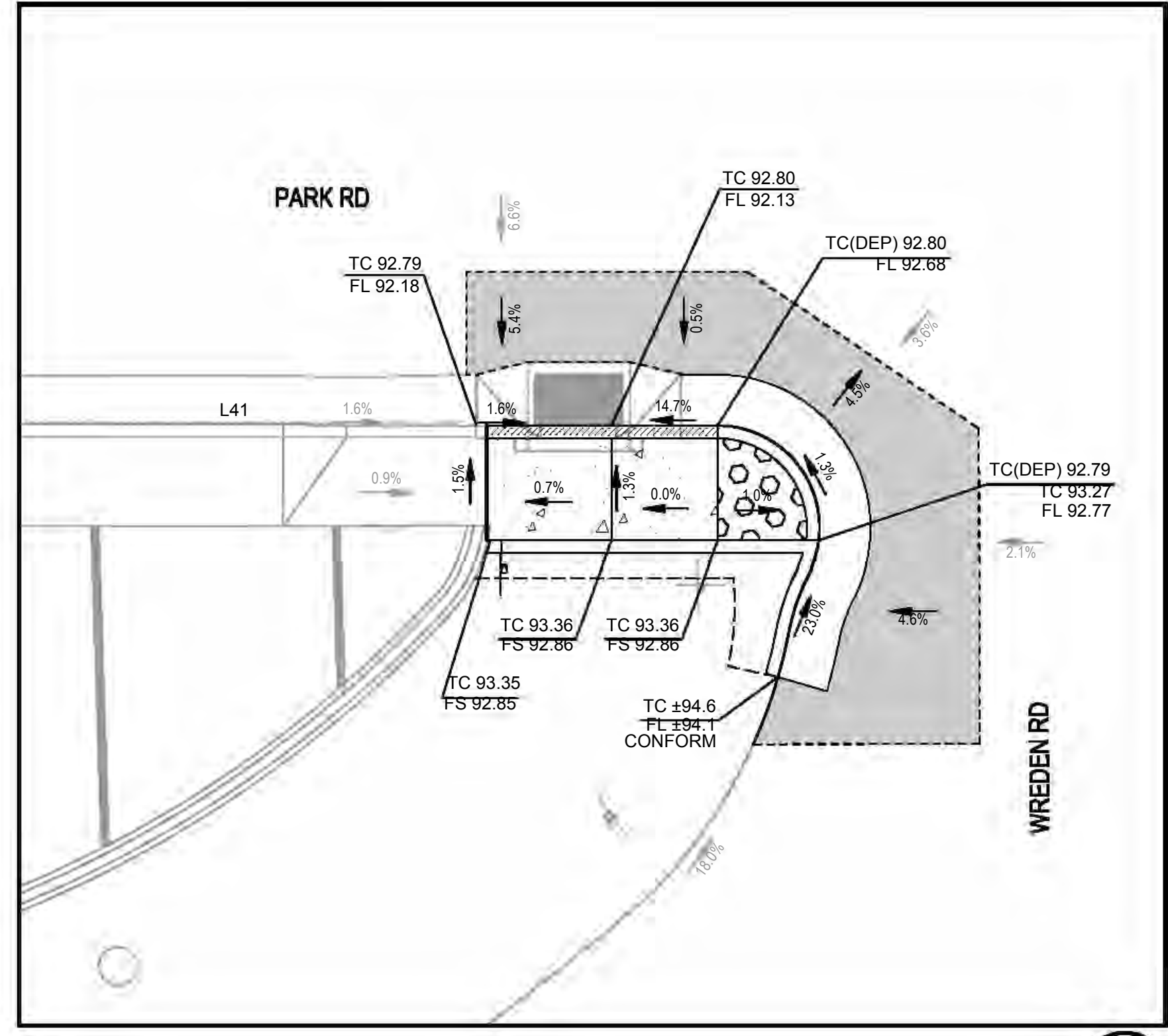
5 HORIZONTAL CONTROL - CURB RAMP 10
SCALE: 1" = 5'

TAG	STATION	NORTHING	EASTING	DELTA / BEARING	DISTANCE	RADIUS
L1	1+00.00	4815.91	5694.53	N26° 04' 40"E	2.50	
C1	1+02.50	4818.16	5695.63	N6° 42' 39"W	9.16	8.00
C2	1+11.66	4826.76	5694.62	N30° 13' 43"E	9.74	4.00
L2	1+21.39	4833.25	5698.40	S80° 02' 35"E	14.17	

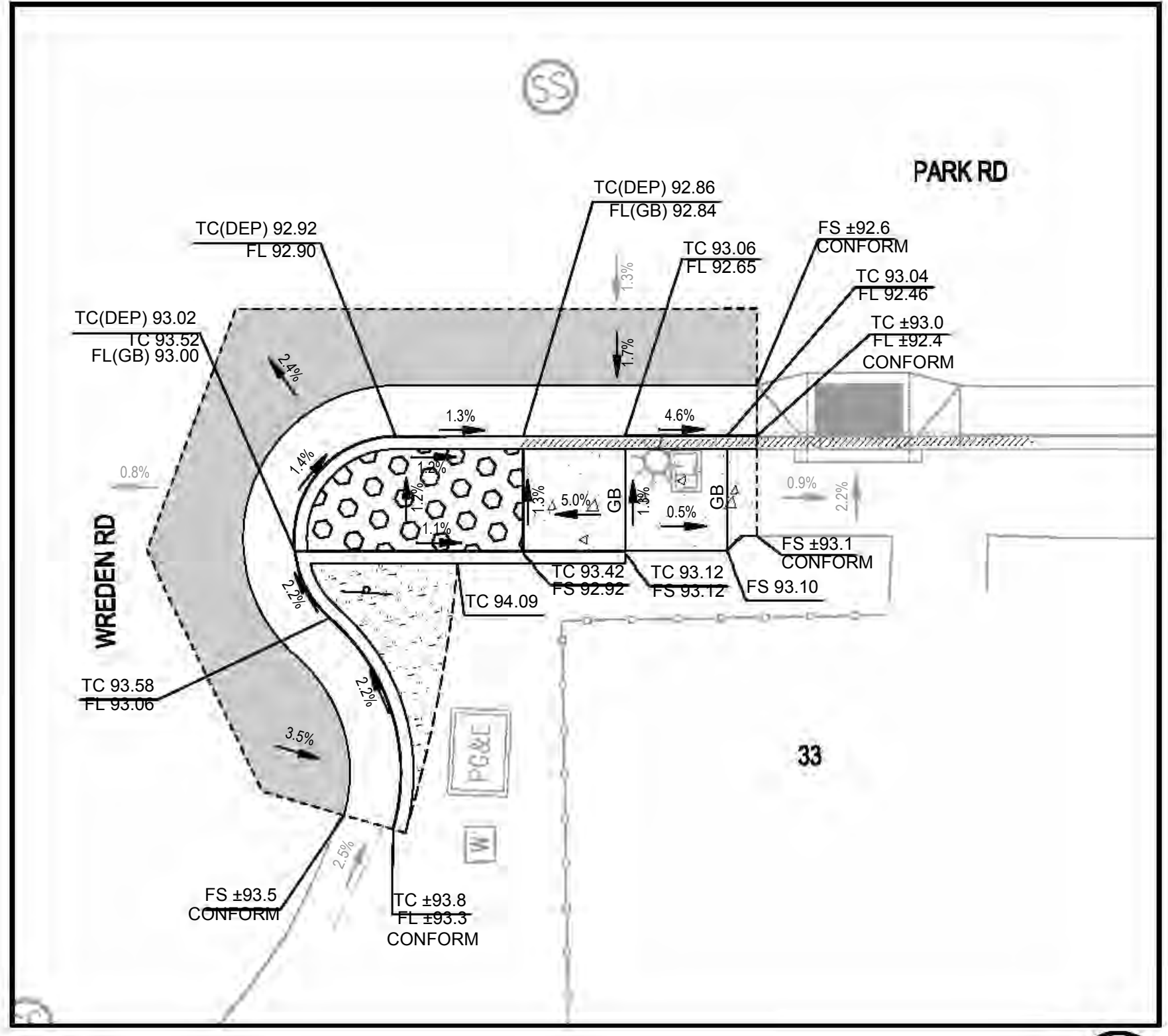
TAG	BEARING	DISTANCE
L33	N47° 44' 29"E	65.64'
L34	S74° 13' 16"E	182.64'
L41	S79° 45' 48"E	127.48'



2 GRADING PLAN - CURB RAMP 8
SCALE: 1" = 5'



4 GRADING PLAN - CURB RAMP 9
SCALE: 1" = 5'



6 GRADING PLAN - CURB RAMP 10
SCALE: 1" = 5'



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**PARK ROAD
REHABILITATION PROJECT
CURB RAMP PLAN
TOWN OF FAIRFAX**

Town Of
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County Of
Marin
State Of
California

Prepared Under the Direction of:



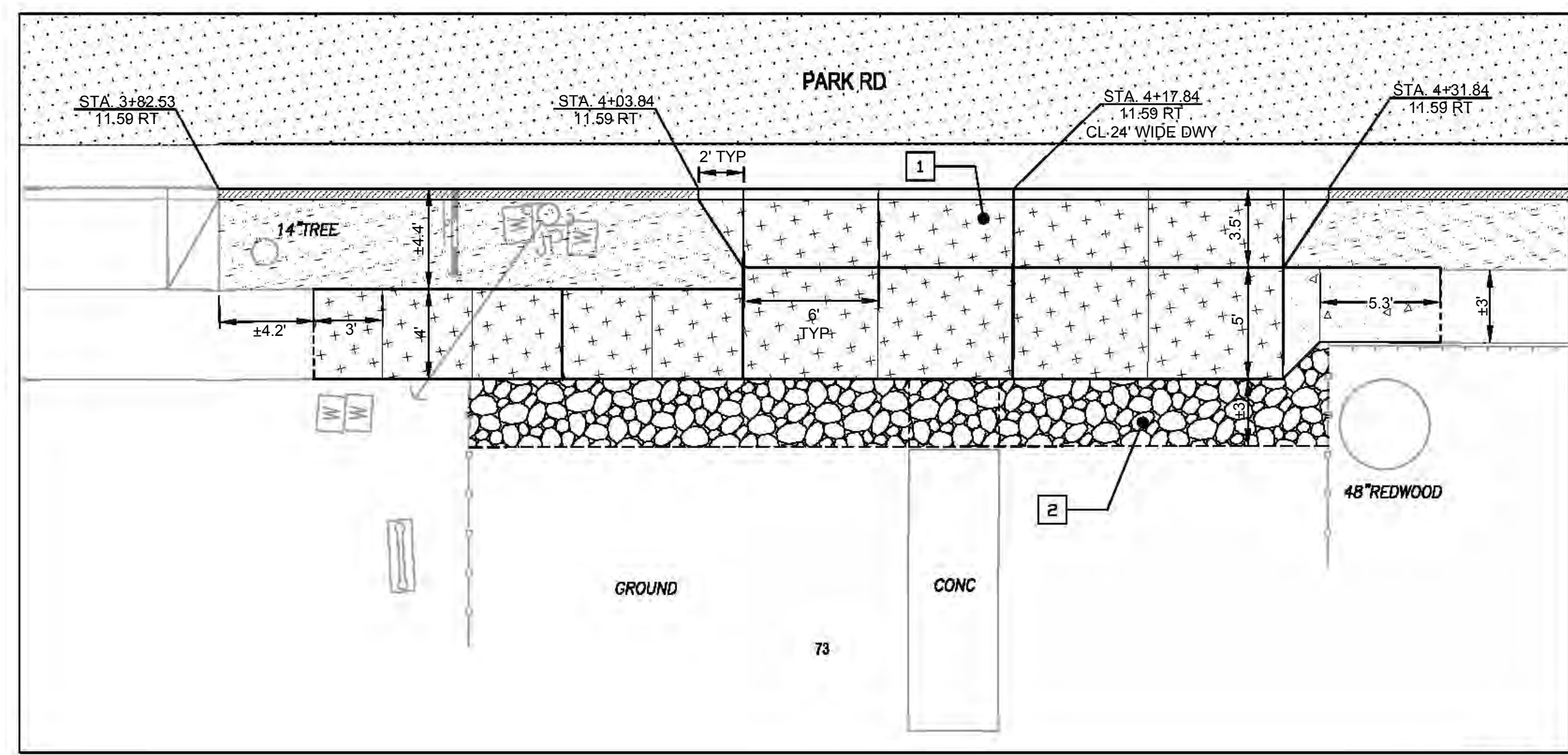
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Date: 9/25/2024
Project Number: 2300142
Sheet Number: 16 of 22

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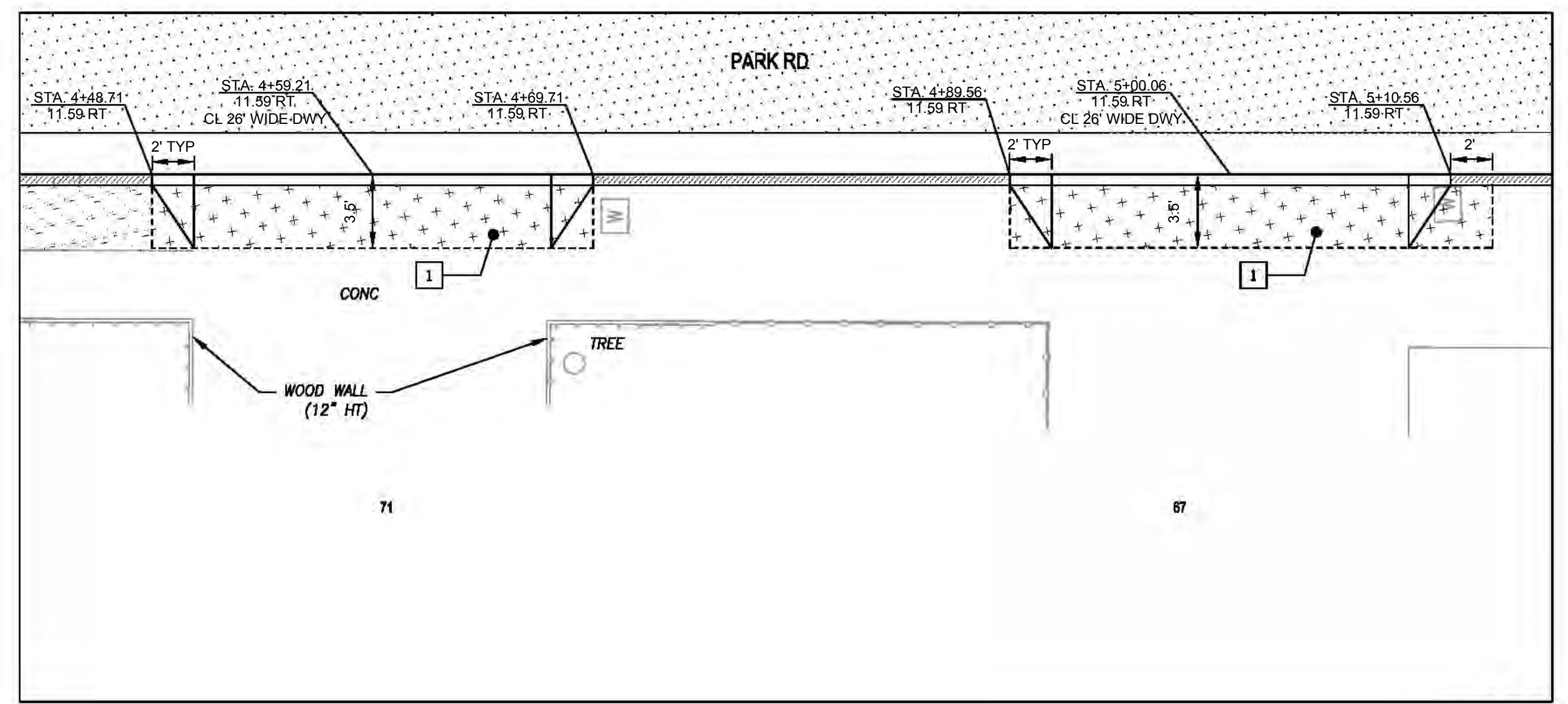


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1 HORIZONTAL CONTROL - DRIVEWAY 1
 SCALE: 1" = 5'



3 HORIZONTAL CONTROL - DRIVEWAY 2 & 3
 SCALE: 1" = 5'

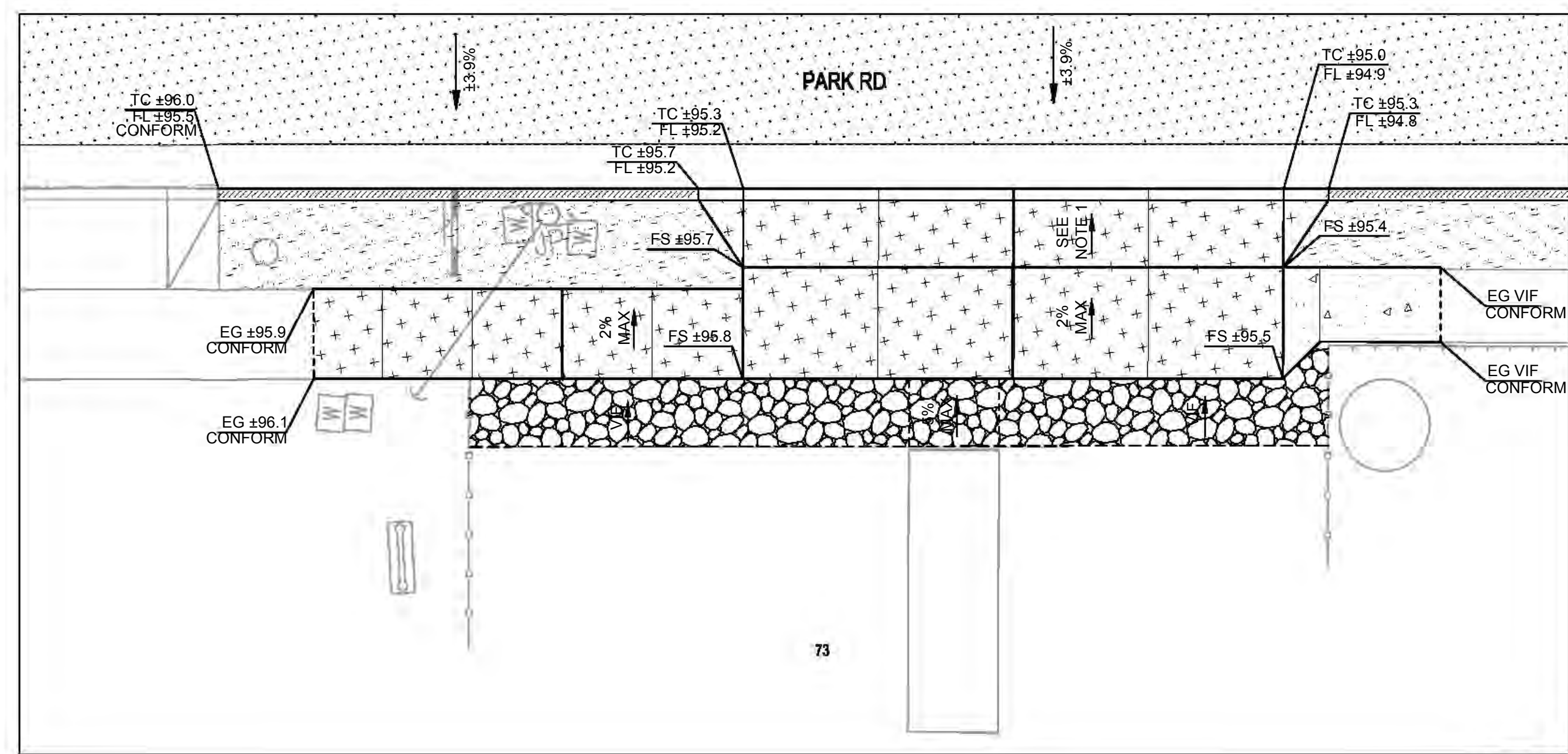


KEYNOTES

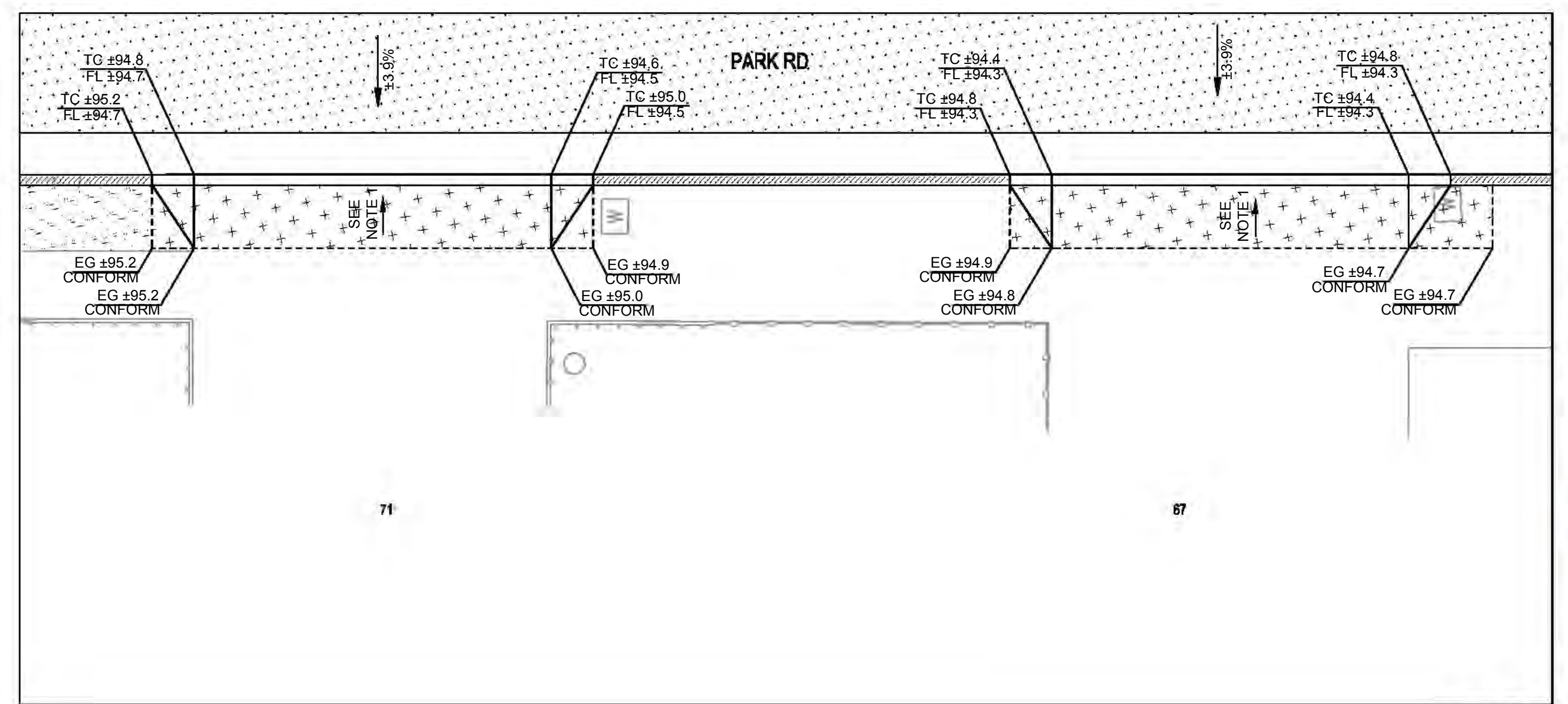
- 1 DRIVEWAY APPROACH PER DETAIL 4, SHEET C6.0
- 2 CONFORM TO GRADE WITH CLASS II AB @ 95% R.C., SLOPE TO DRAIN (VIF)

NOTE:

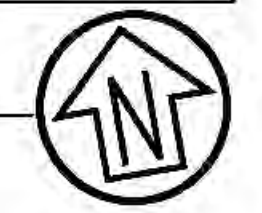
- 1 CONTRACTOR SHALL MAINTAIN EXISTING GRADE AT BACK OF DRIVEWAY APPROACH (VIF). MATCH EX. DRIVEWAY SLOPE OR FLATTER.



2 GRADING PLAN - DRIVEWAY 1
 SCALE: 1" = 5'



4 GRADING PLAN - DRIVEWAY 2 & 3
 SCALE: 1" = 5'



**PARK ROAD
 REHABILITATION PROJECT
 DRIVEWAY PLAN
 TOWN OF FAIRFAX**

Town Of
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 County Of
 Marin
 State Of
 California

Prepared Under the Direction of:



Sheet
C5.4
 Scale: 1" = 5'
 Date: 9/25/2024
 Project Number: 2300142
 Sheet Number: 17 of 22



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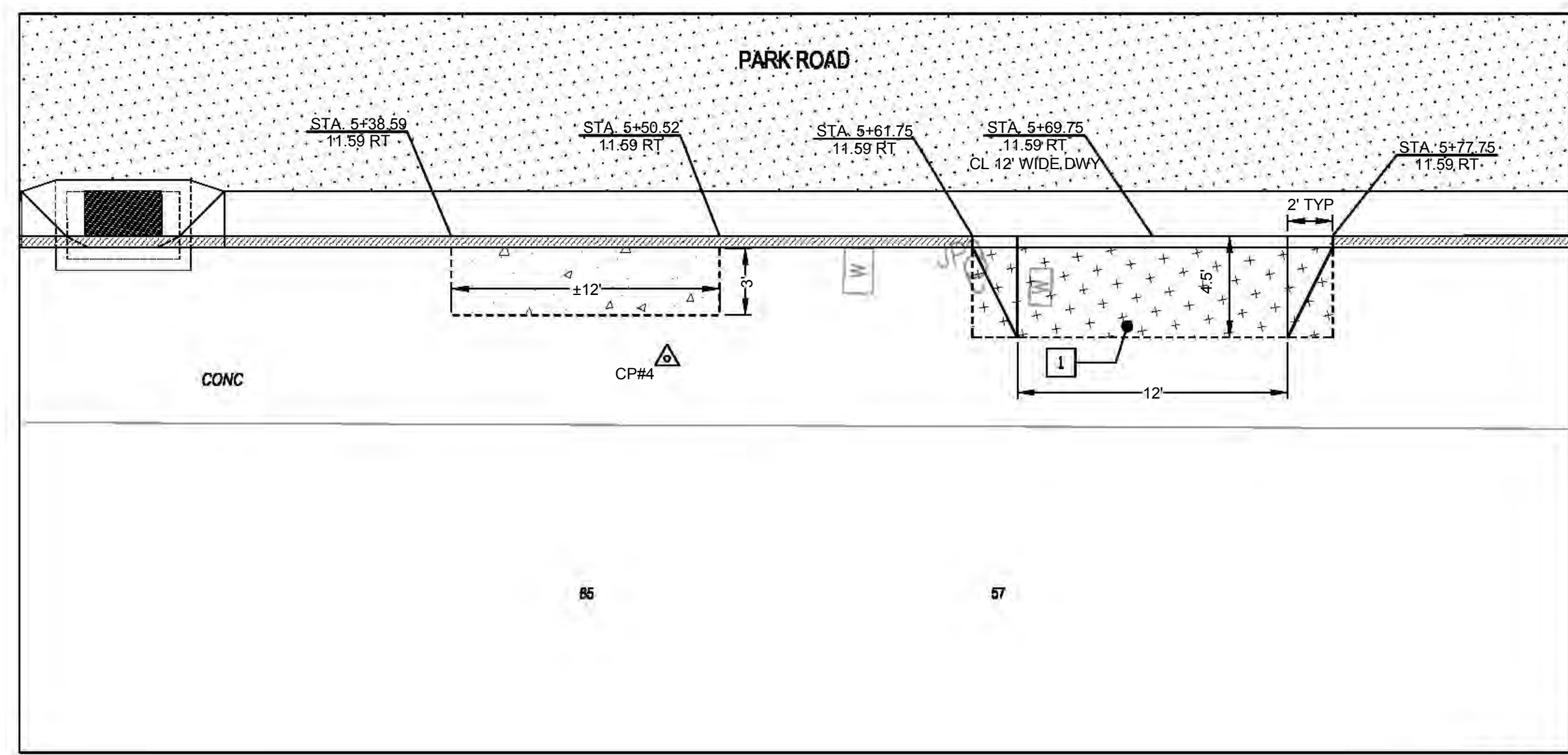
**PARK ROAD
 REHABILITATION PROJECT
 DRIVEWAY PLAN
 TOWN OF FAIRFAX**

Town Of
 Fairfax
 County Of
 Marin
 State Of
 California

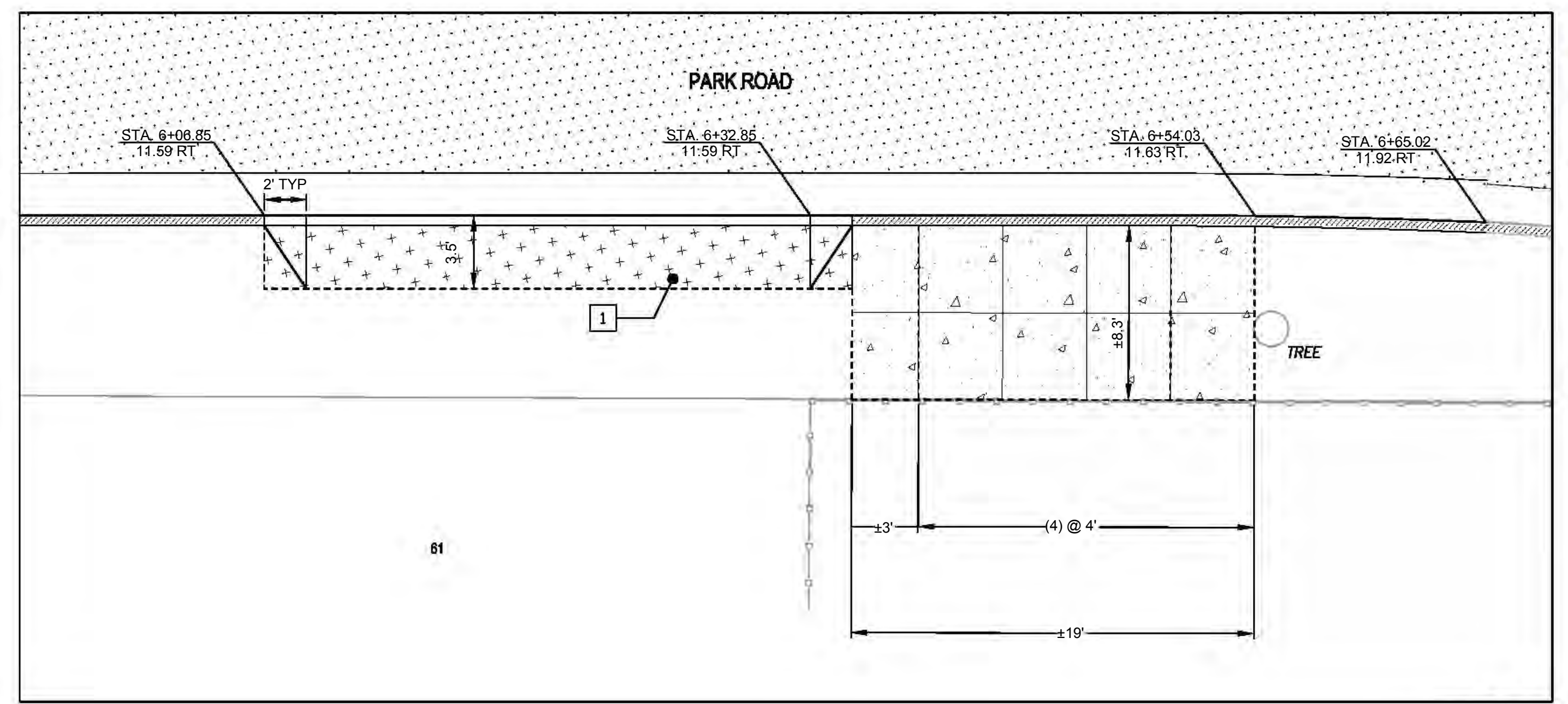
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Sheet
C5.5
 Scale: 1" = 10'
 Date: 9/25/2024
 Project Number: 2300142
 Sheet Number: 18 of 22



1 HORIZONTAL CONTROL - DRIVEWAY 4
 SCALE: 1" = 5'



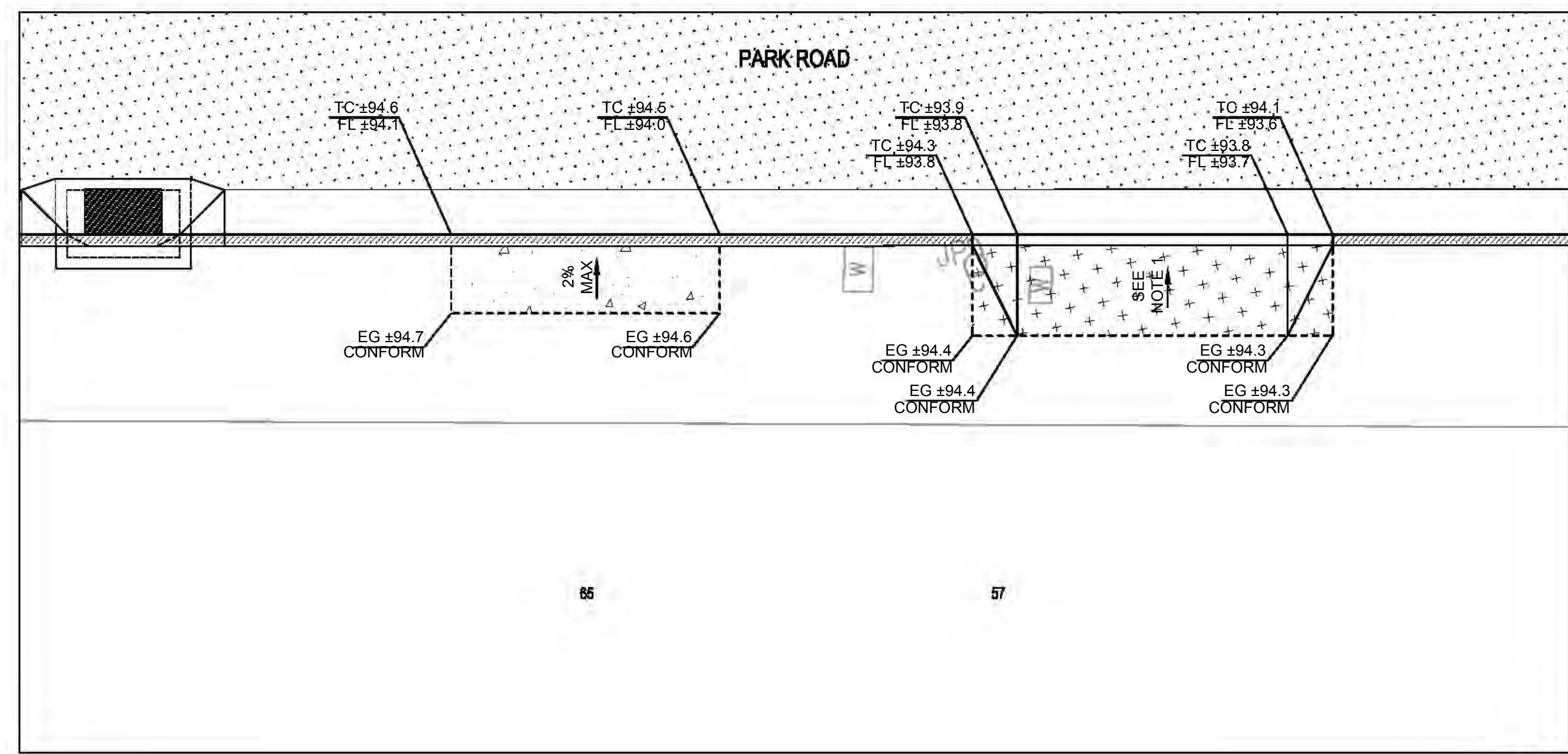
3 HORIZONTAL CONTROL - DRIVEWAY 5
 SCALE: 1" = 5'

KEYNOTES

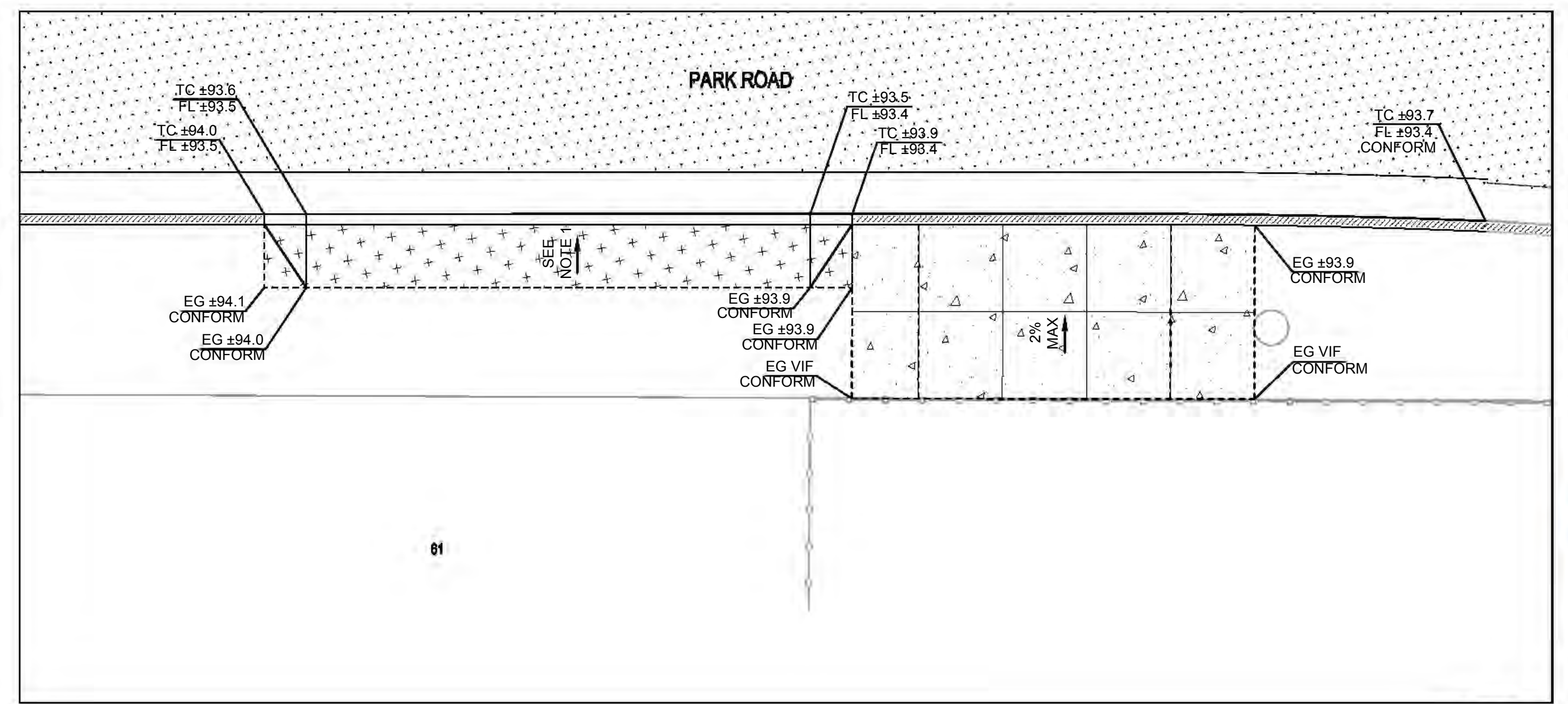
- 1 DRIVEWAY APPROACH PER DETAIL 4, SHEET C6.0

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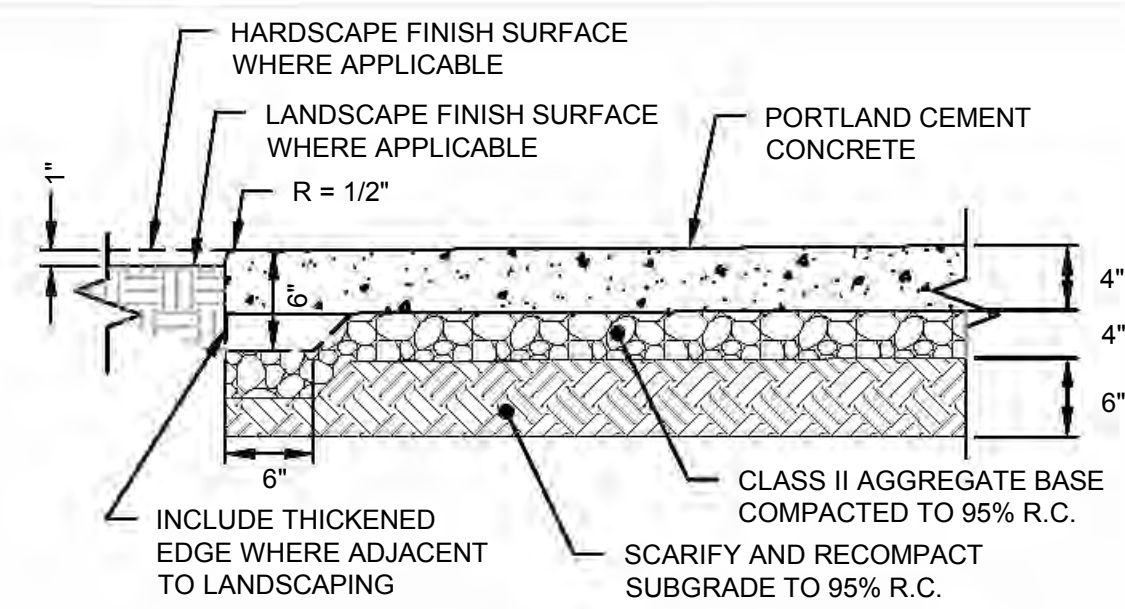
- 1 CONTRACTOR SHALL MAINTAIN EXISTING GRADE AT BACK OF DRIVEWAY APPROACH (VIF). MATCH EX. DRIVEWAY SLOPE OR FLATTER.



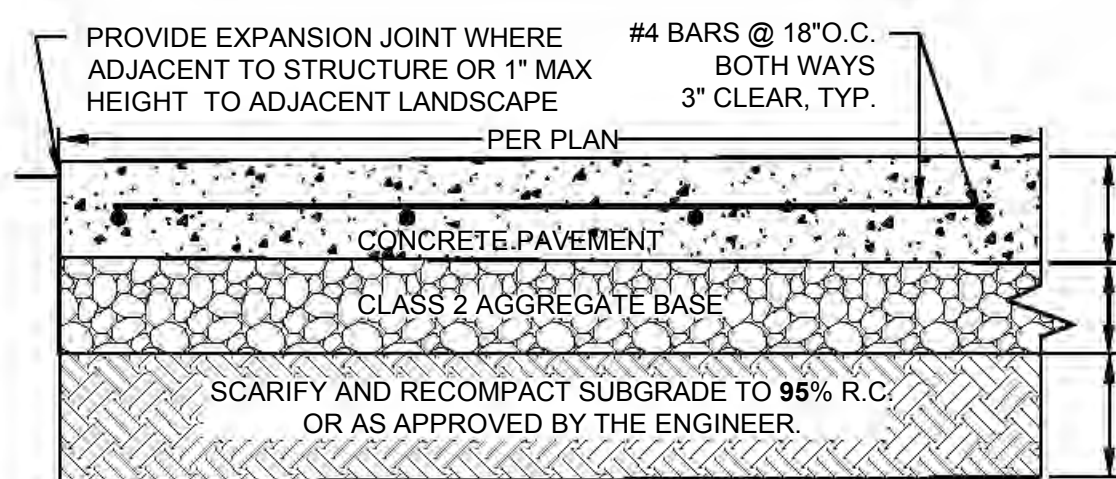
2 HORIZONTAL CONTROL - DRIVEWAY 4
 SCALE: 1" = 5'



4 HORIZONTAL CONTROL - DRIVEWAY 5
 SCALE: 1" = 5'



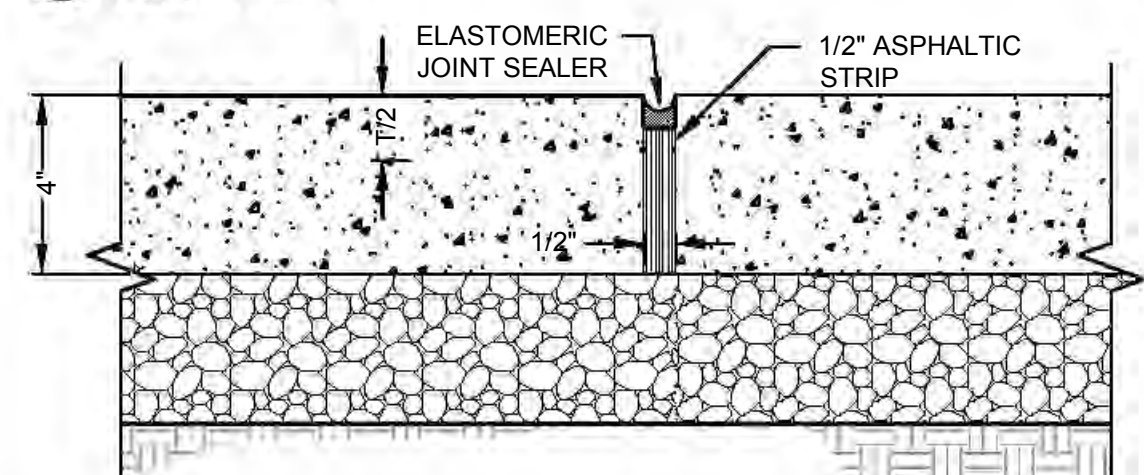
NON-TRAFFIC RATED CONCRETE SIDEWALK



TRAFFIC RATED CONCRETE DRIVEWAY/SIDEWALK

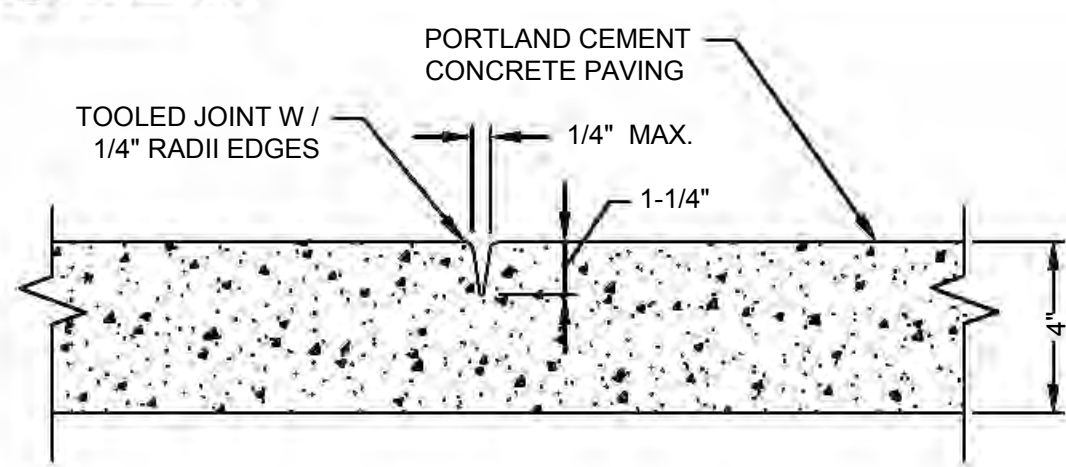
- NOTES:
- ALL TREAD SURFACES SHALL BE SLIP RESISTANT.
 - ON A CASE BY CASE BASIS, REUSE OF EXISTING BASE ROCK MAY BE APPROVED BY THE ENGINEER.

1 CONCRETE PAVEMENT
SCALE: 1" = 1'



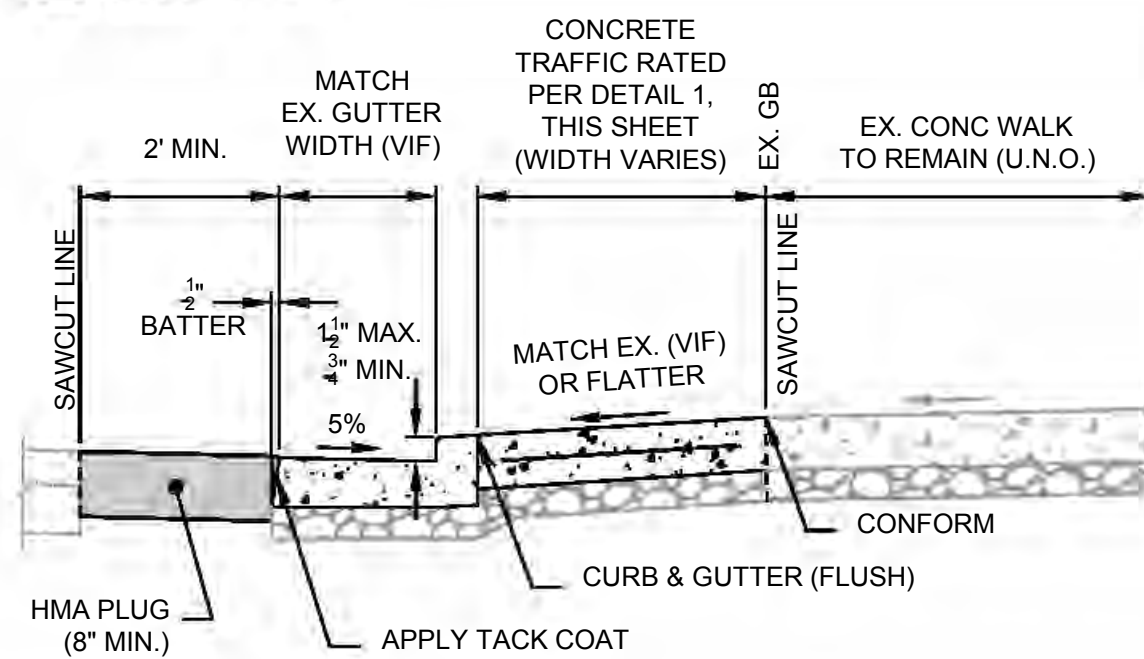
- NOTES:
- EXPANSION JOINTS TO BE INSTALLED AT 16' ON CENTER, U.N.O.

2 EXPANSION JOINT FOR CONCRETE PAVEMENT
SCALE: N.T.S.



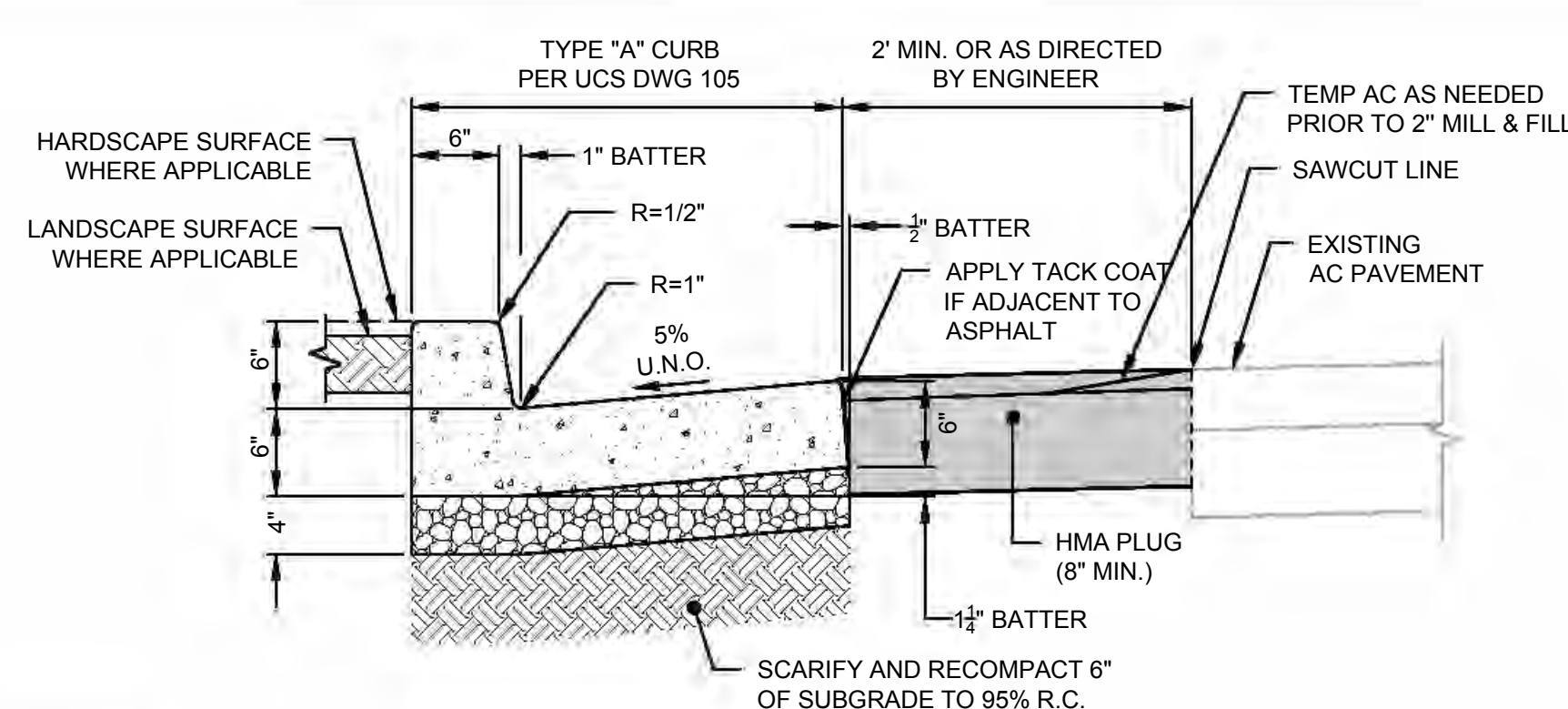
- NOTES:
- CONTROL JOINTS SHALL BE CONSTRUCTED AT 4' ON CENTER, U.N.O.
 - CONSTRUCT SAWCUT CONTROL JOINTS WITHIN 24 HOURS OF POUR.
 - SEE LAYOUT PLANS FOR LOCATION OF CONTROL JOINTS.

3 CONTROL JOINT FOR CONCRETE PAVEMENT
SCALE: 1" = 1'



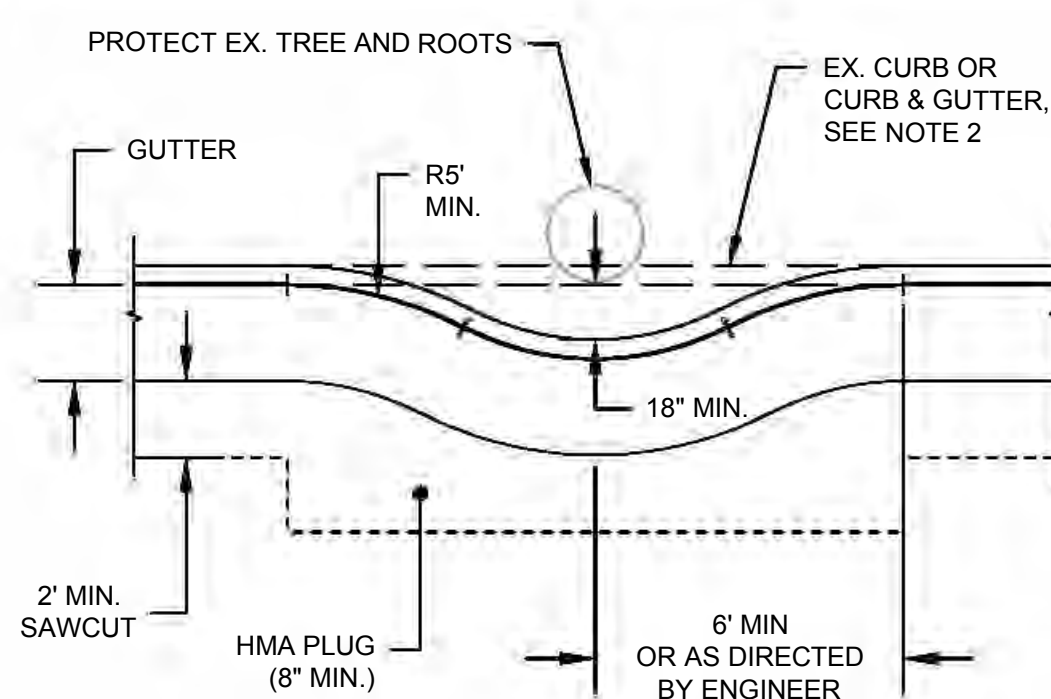
- NOTES:
- INSTALL JOINTS AND CONCRETE PER MARIN COUNTY UCS DWG #100

4 RECONSTRUCT DRIVEWAY APPROACH
SCALE: N.T.S.



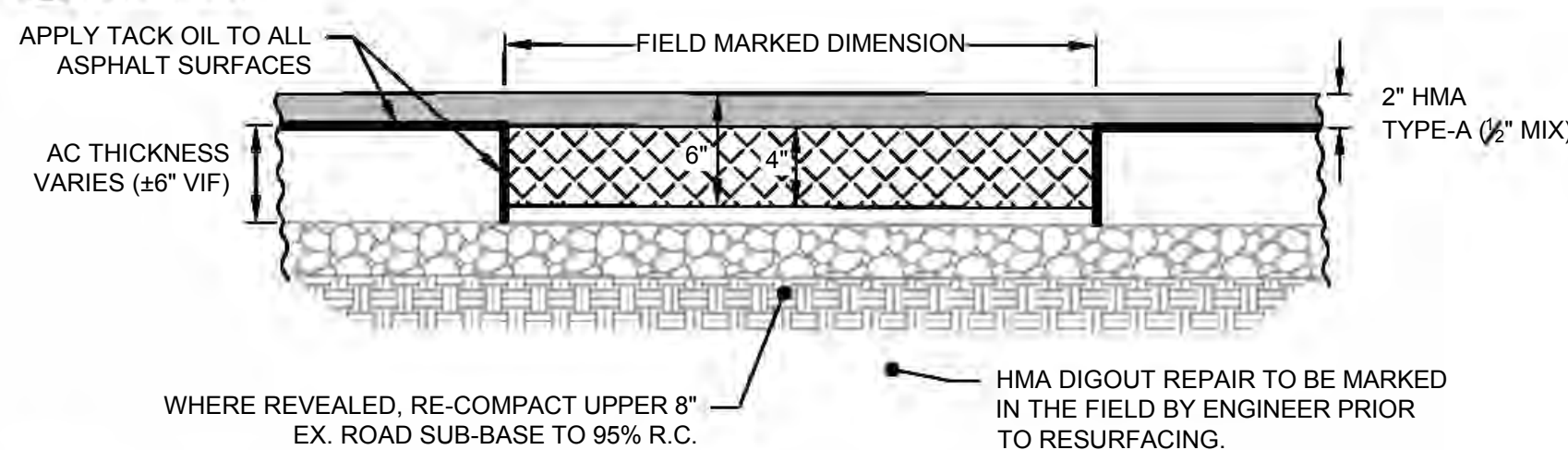
- NOTES:
- POUR CURB AND GUTTER SEPARATE FROM CONCRETE WALK.
 - CONTROL JOINTS CONSISTING OF 1" DEEP SCORES SHALL BE PLACED AT 10' INTERVALS O.C. - ALL SIDES EXCEPT BOTTOM.
 - WHERE WALK IS ADJACENT TO CURB, THE JOINTS SHALL ALIGN WITH THE JOINTS IN THE CURB.
 - GUTTER SLOPE SHALL BE 5% UNLESS NOTED OTHERWISE, 3% MAX AT CURB RAMPS OR AS APPROVED IN THE FIELD BY THE ENGINEER.
 - INSTALL TEMPORARY AC BETWEEN LIP OF GUTTER TO ROADWAY AT ALL DRIVEWAY APPROACHES

5 TYPICAL CURB AND GUTTER DETAIL
SCALE: 1" = 1'

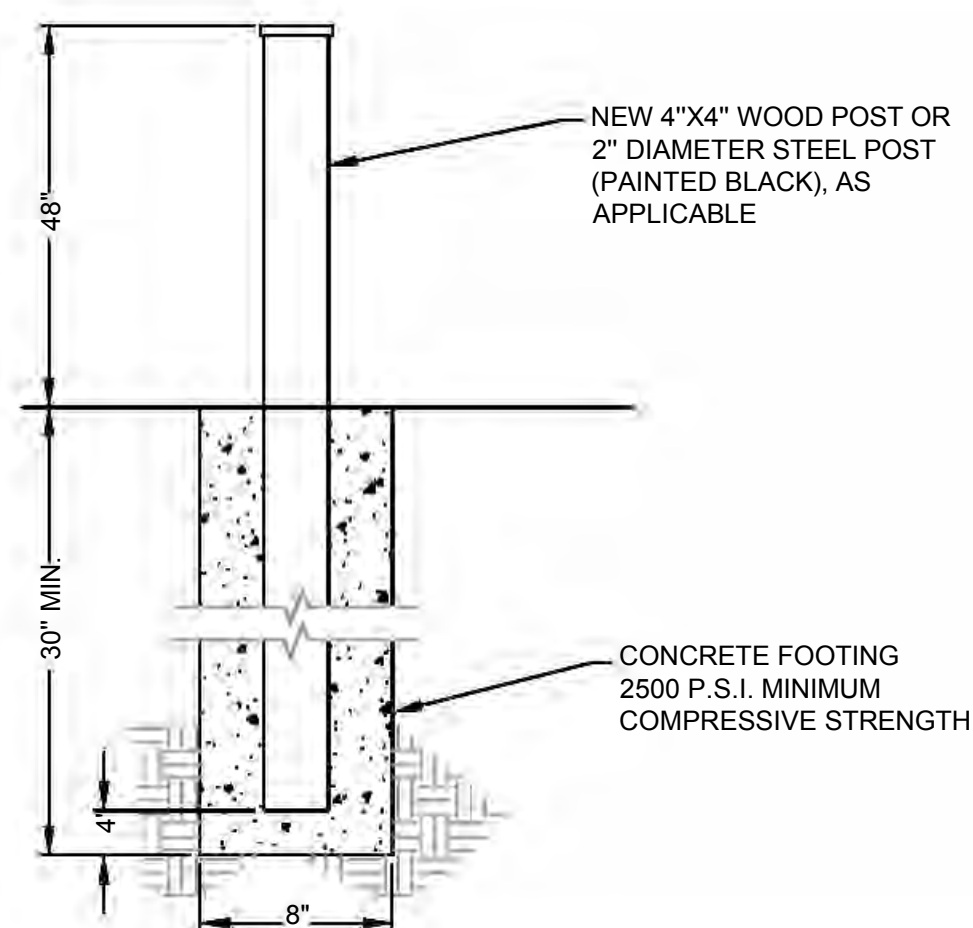


- NOTES:
- ALL CONCRETE SHALL CONFORM TO MARIN COUNTY UNIFORM CONSTRUCTION STANDARDS (UCS).
 - TOWN ARBORIST SHALL INSPECT TREE PRIOR TO DEMOLITION. CONTRACTOR SHALL COORDINATE REMOVAL OF EX. CURB & GUTTER PER ARBORIST'S RECOMMENDATION.
 - MAINTAIN POSITIVE FLOW IN FLOWLINE BETWEEN BEGIN AND END LIMITS OF BULBOUT CONSTRUCTION.

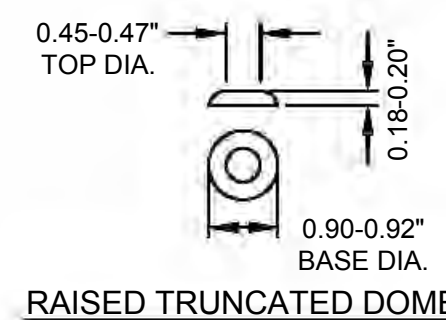
6 CURB AND GUTTER BULBOUT AT TREE
SCALE: N.T.S.



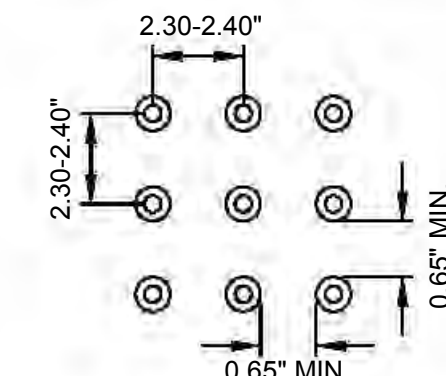
7 HMA DIG OUT REPAIR
SCALE: N.T.S.



8 POST AND FOUNDATION DETAIL
SCALE: N.T.S.

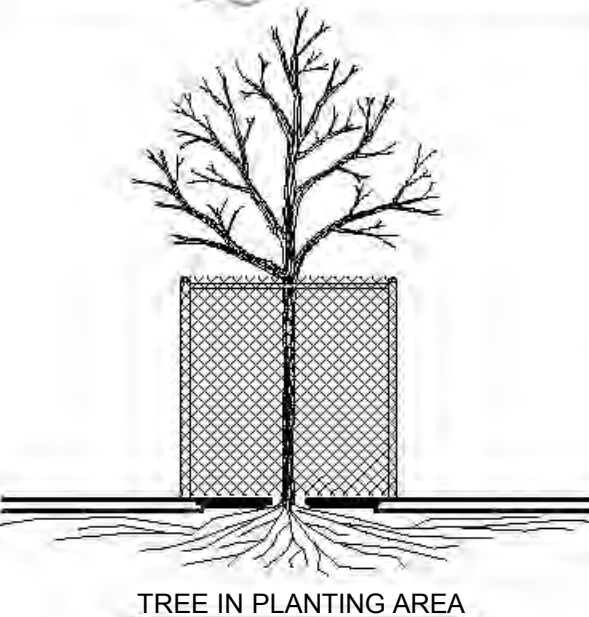
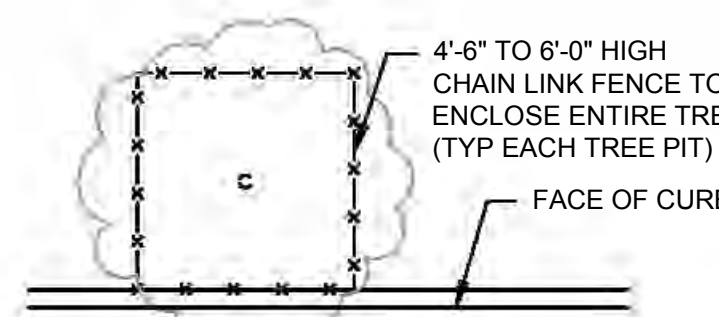


RAISED TRUNCATED DOME



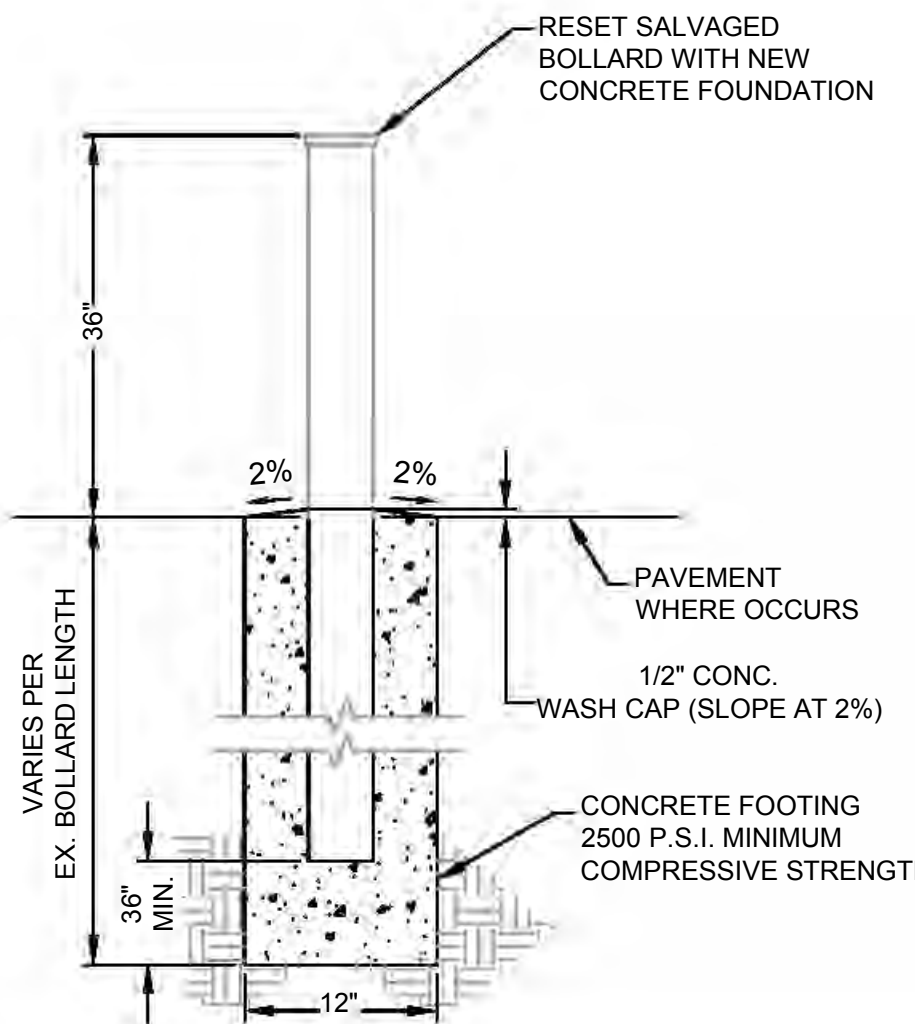
RAISED TRUNCATED DOME PATTERN (IN-LINE) DETECTABLE WARNING SURFACE

9 DETECTABLE WARNING SURFACE
SCALE: N.T.S.



- NOTE:
- CONSIDER TRAFFIC TURNING VISIBILITY AND PEDESTRIAN VISIBILITY WHEN SELECTING FENCE HEIGHT. TYPICALLY SHORTER FENCING AROUND TREE PITS BETWEEN SIDEWALK AND ROADWAY IS DESIRED

10 TREE PROTECTION DURING CONSTRUCTION
SCALE: 1" = 1'



11 BOLLARD DETAIL
SCALE: N.T.S.



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PARK ROAD
REHABILITATION PROJECT
CONSTRUCTION DETAILS
TOWN OF FAIRFAX

Town Of
Fairfax
County Of
Marin
State Of
California

Prepared Under the Direction of:



Sheet

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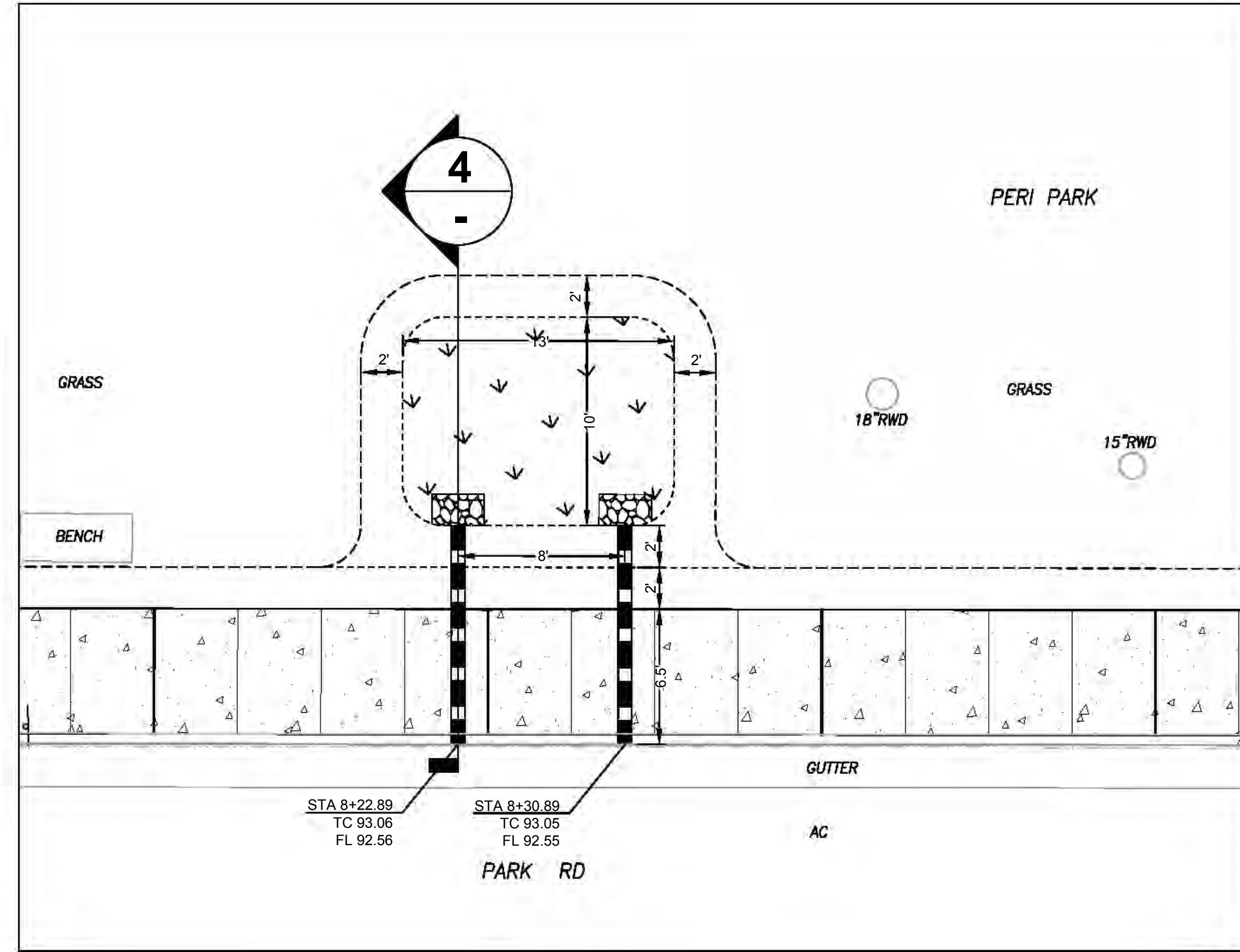
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Date:	9/25/2024
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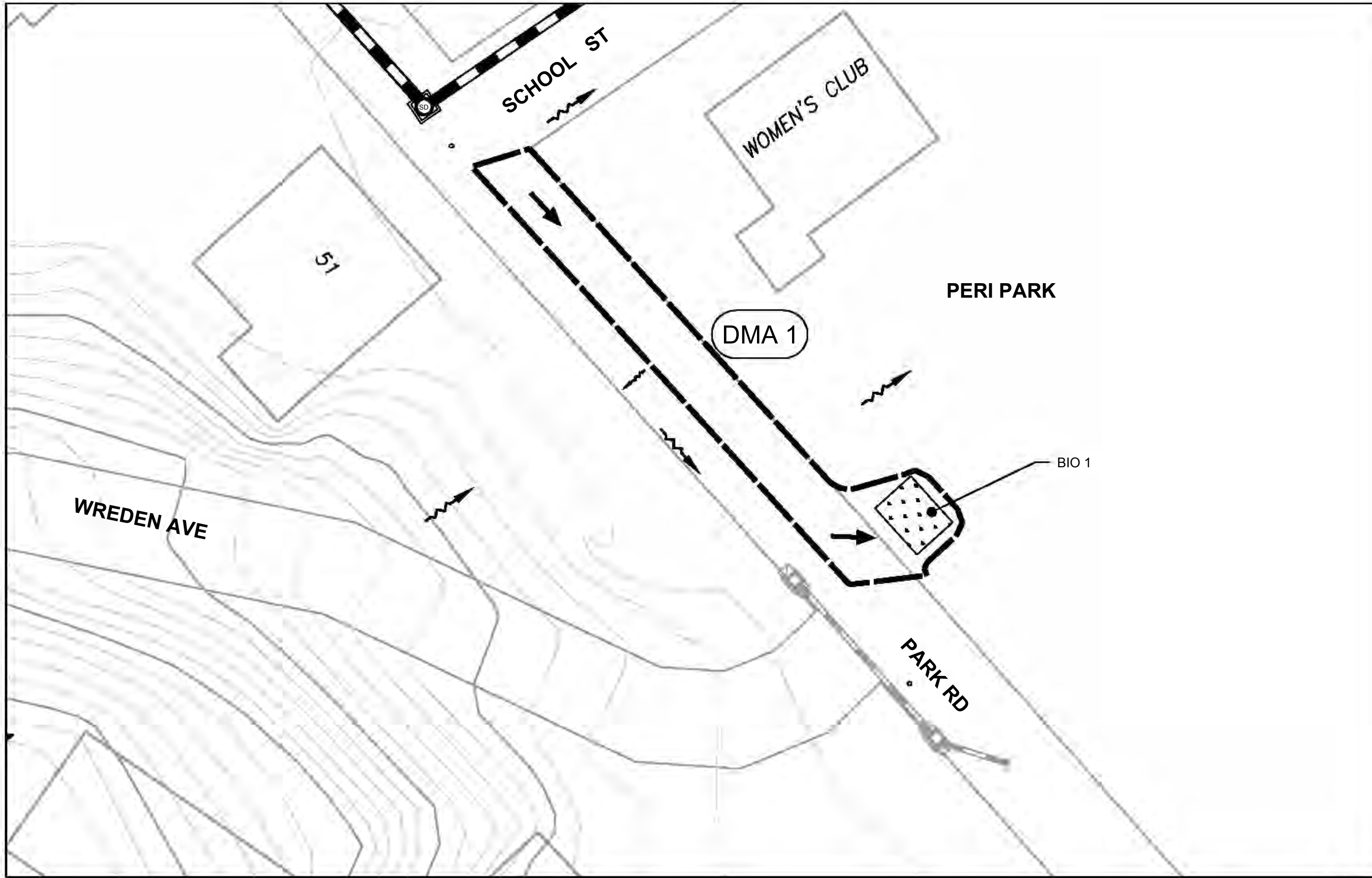


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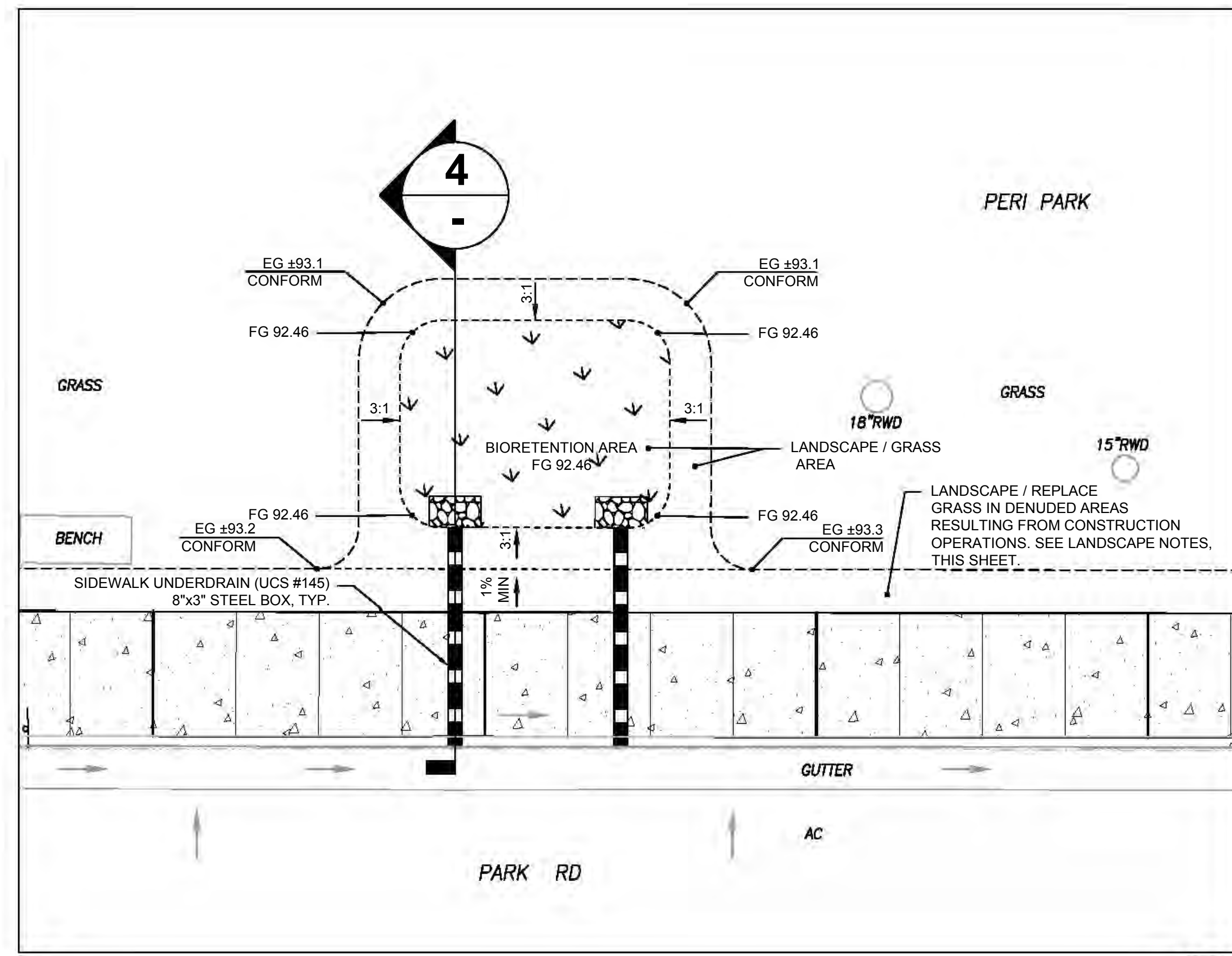
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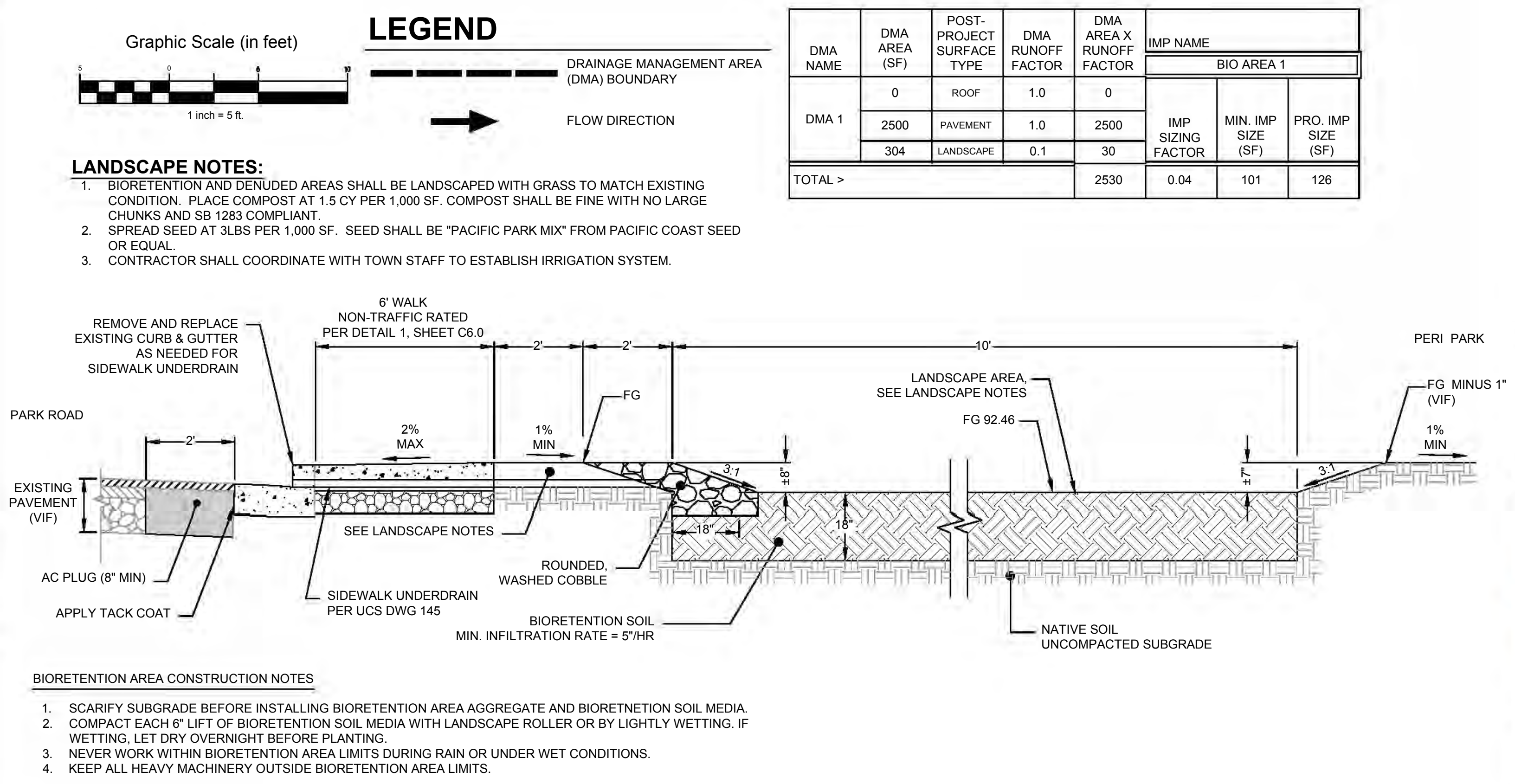
1 HORIZONTAL CONTROL - BIO 1
 SCALE: 1" = 5'



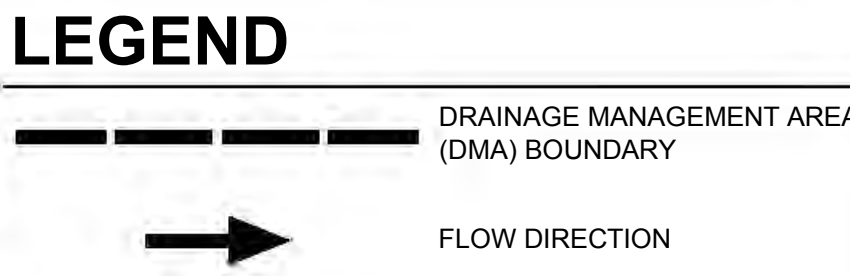
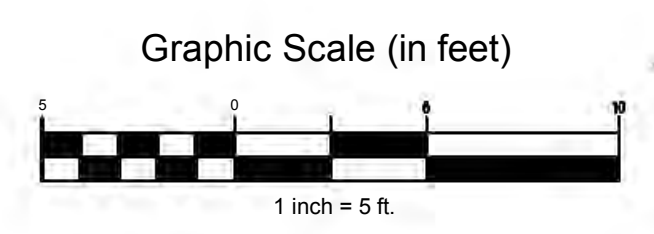
3 DRAINAGE MANGEMENT AREA - BIO 1
 SCALE: 1" = 20'



1 GRADING PLAN - BIO 1
 SCALE: 1" = 5'



4 SECTION DETAIL - BIO 1
 SCALE: = NTS



- LANDSCAPE NOTES:**
1. BIORETENTION AND DENUEED AREAS SHALL BE LANDSCAPED WITH GRASS TO MATCH EXISTING CONDITION. PLACE COMPOST AT 1.5 CY PER 1,000 SF. COMPOST SHALL BE FINE WITH NO LARGE CHUNKS AND SB 1283 COMPLIANT.
 2. SPREAD SEED AT 3LBS PER 1,000 SF. SEED SHALL BE "PACIFIC PARK MIX" FROM PACIFIC COAST SEED OR EQUAL.
 3. CONTRACTOR SHALL COORDINATE WITH TOWN STAFF TO ESTABLISH IRRIGATION SYSTEM.

DMA NAME	DMA AREA (SF)	POST-PROJECT SURFACE TYPE	DMA RUNOFF FACTOR	DMA AREA X RUNOFF FACTOR	IMP NAME		
					IMP SIZING FACTOR	MIN. IMP SIZE (SF)	PRO. IMP SIZE (SF)
DMA 1	0	ROOF	1.0	0			
	2500	PAVEMENT	1.0	2500			
	304	LANDSCAPE	0.1	30			
TOTAL >				2530	0.04	101	126

- BIORETENTION AREA CONSTRUCTION NOTES**
1. SCARIFY SUBGRADE BEFORE INSTALLING BIORETENTION AREA AGGREGATE AND BIORETENTION SOIL MEDIA.
 2. COMPACT EACH 6" LIFT OF BIORETENTION SOIL MEDIA WITH LANDSCAPE ROLLER OR BY LIGHTLY WETTING. IF WETTING, LET DRY OVERNIGHT BEFORE PLANTING.
 3. NEVER WORK WITHIN BIORETENTION AREA LIMITS DURING RAIN OR UNDER WET CONDITIONS.
 4. KEEP ALL HEAVY MACHINERY OUTSIDE BIORETENTION AREA LIMITS.

PARK ROAD REHABILITATION PROJECT
STORMWATER CONTROL PLAN
TOWN OF FAIRFAX

Town Of
 Fairfax
 County Of
 Marin
 State Of
 California

Prepared Under the Direction of:



Sheet
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 Scale: As Shown
 Date: 9/25/2024
 Project Number: 2300142
 Sheet Number: 21 of 22

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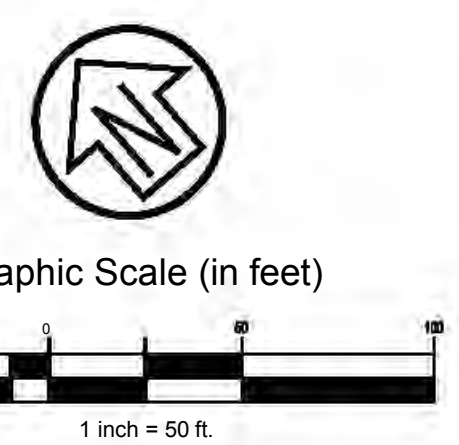
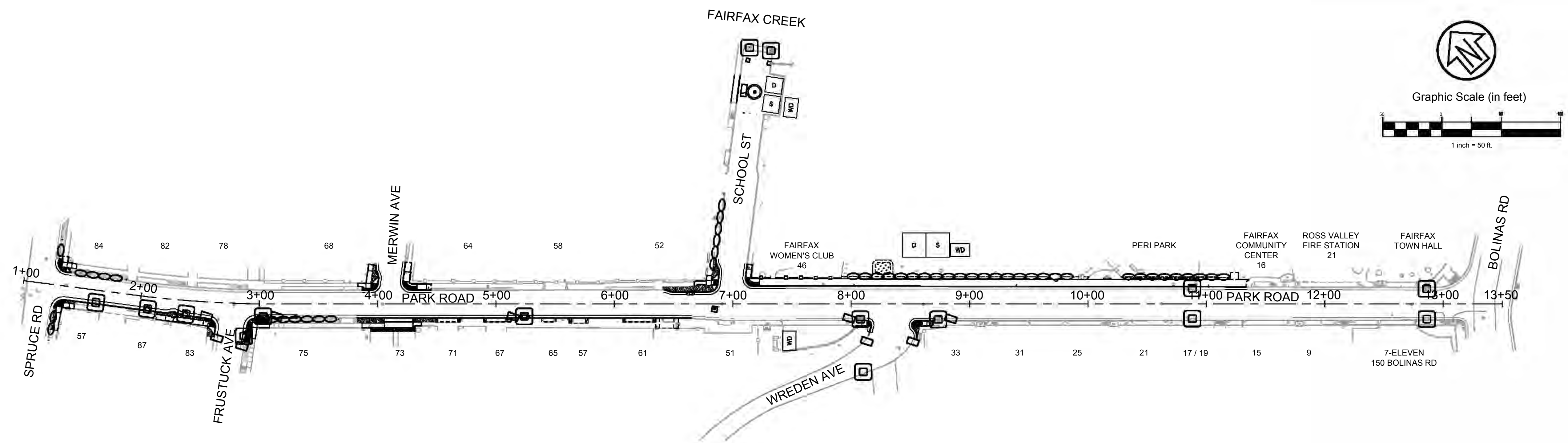
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Rev	Date	Description	Designed	Drawn	Checked

Project: PARK ROAD REHABILITATION PROJECT
 EROSION CONTROL PLAN
 Town of Fairfax
 County of Marin
 State of California

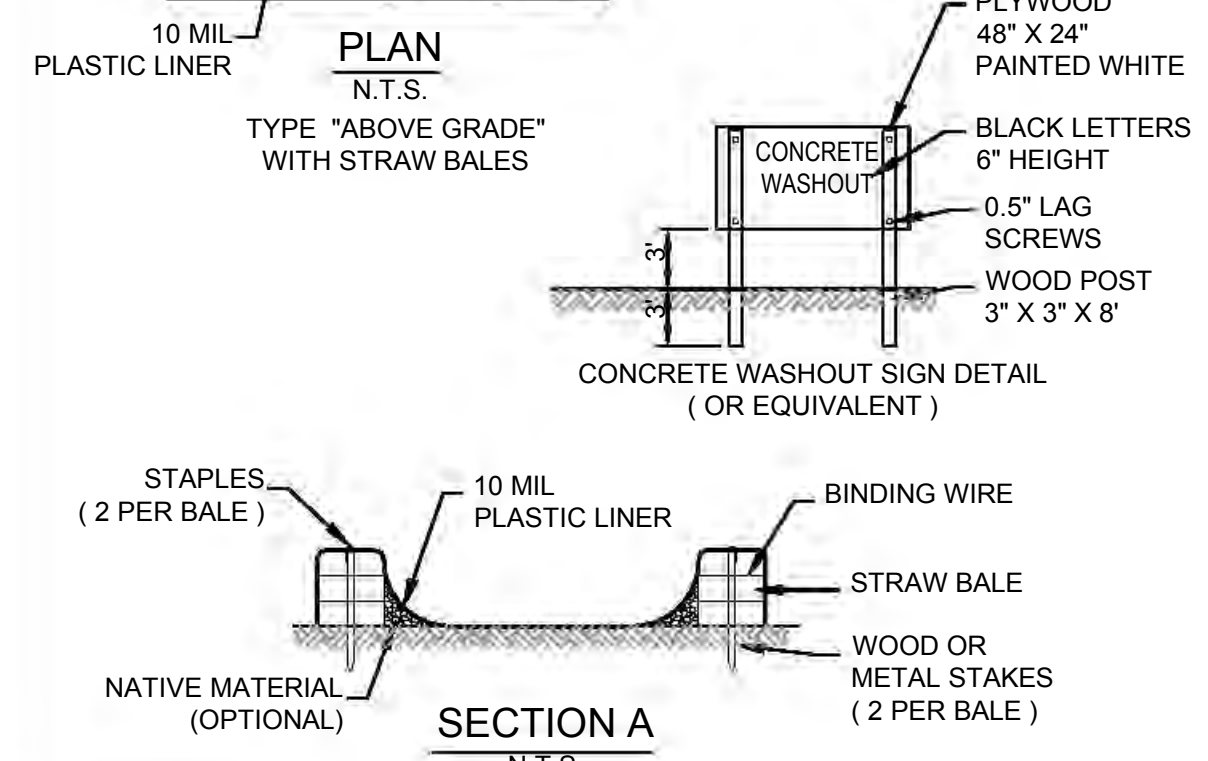
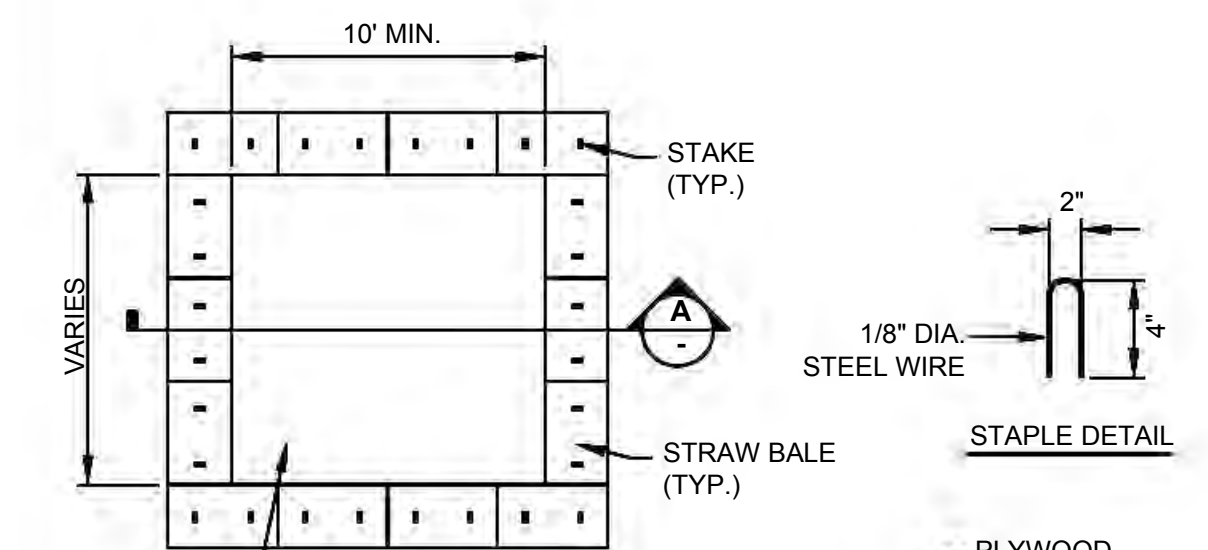
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 Project Number: 2300142
 Sheet Number: 22 of 22



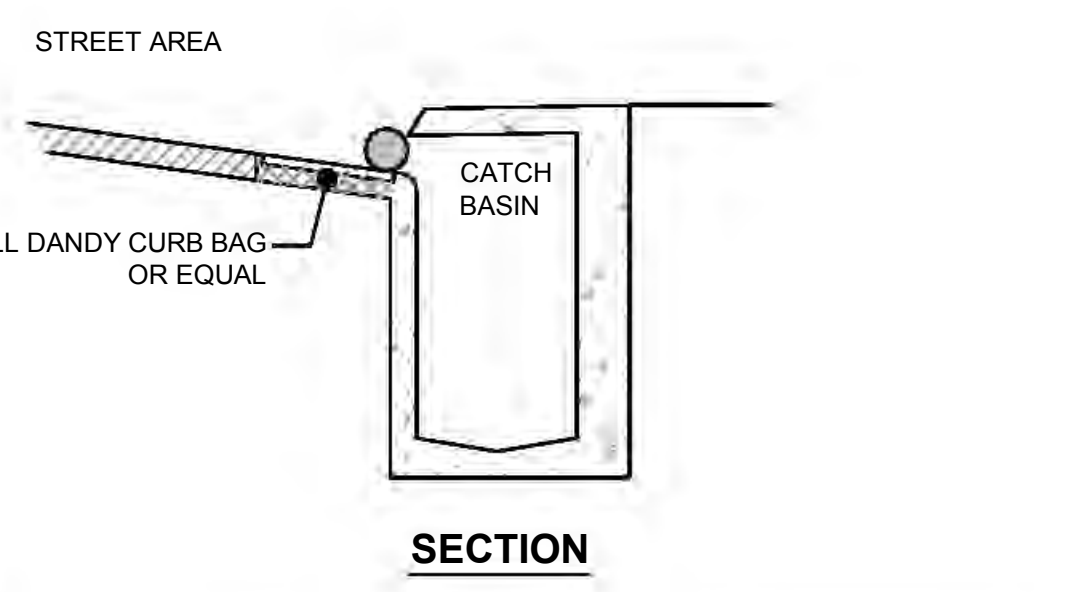
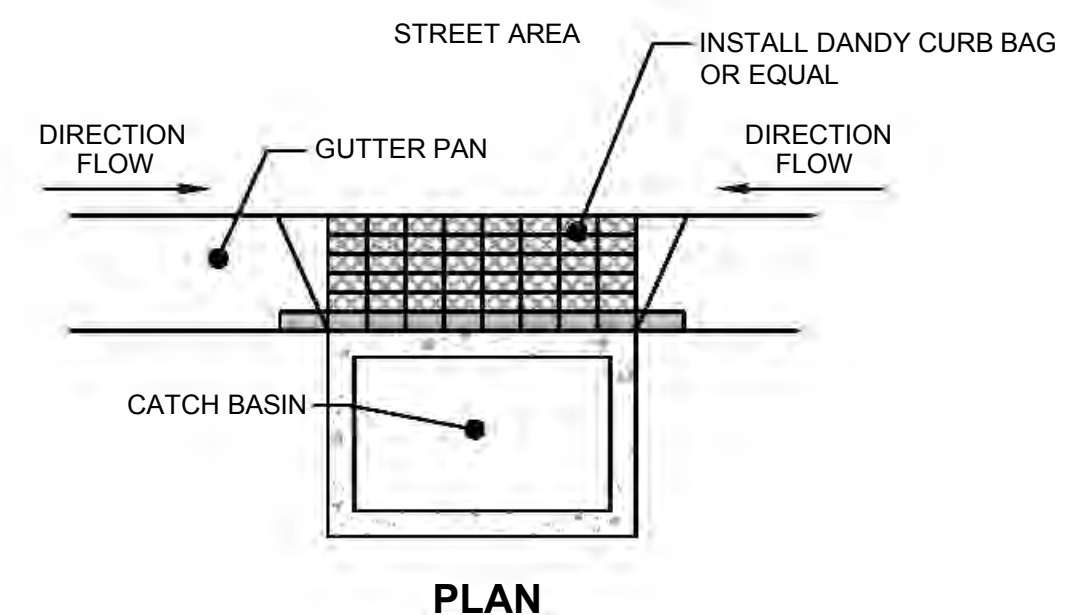
EROSION CONTROL LEGEND

- FIBER ROLL (SEE DETAIL 3, THIS SHEET)
- SAND/GRAVEL BAG BARRIER
- STORM INLET PROTECTION (SEE DETAIL 2, THIS SHEET)
- CONCRETE WASHDOWN AREA (SEE DETAIL 1, THIS SHEET)
- CONCRETE WASHDOWN AREA (SEE DETAIL 1, THIS SHEET)
- STORAGE AREA
- PORTABLE TOILET WITH LINER

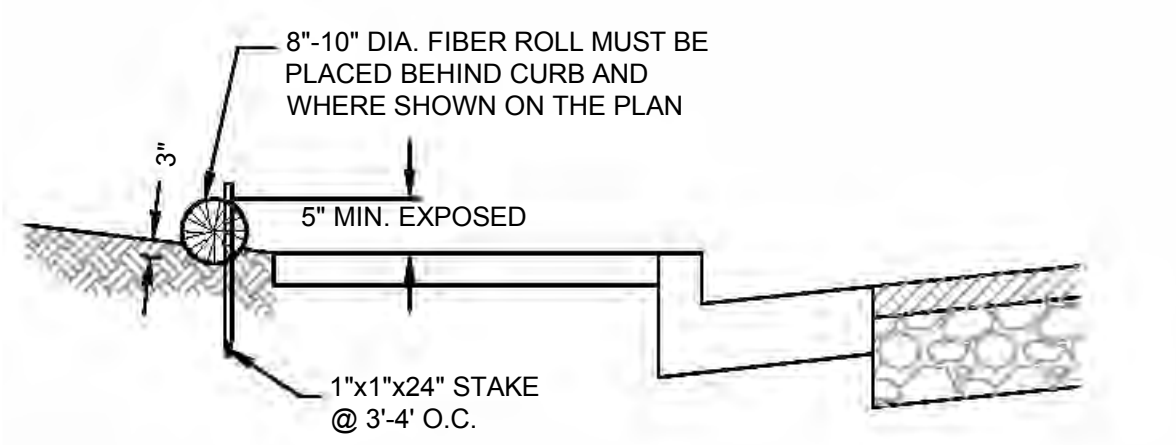


NOTES:
 1. ACTUAL LAYOUT DETERMINED IN FIELD.
 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

1 TEMPORARY CONCRETE WASHOUT DETAIL
 SCALE: 1" = 1'



2 INLET PROTECTION
 SCALE: NTS



3 FIBER ROLL INSTALLATION DETAILS
 SCALE: NTS

POLLUTION CONTROL NOTES:

- IF SIGNIFICANT SEDIMENT OR OTHER VISUAL SYMPTOMS OF IMPURITIES ARE NOTICED IN THE STORM WATER, CONTACT THE ENGINEER IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR INSPECTION AND RESTORATION OF ALL ASPECTS OF THIS PLAN. SEDIMENT ON SIDEWALKS AND GUTTERS SHALL BE REMOVED BY SHOVEL OR BROOM AND PLACED IN STOCKPILES.
- CATCH BASIN TOPS SHALL BE STAMPED TO READ, "NO DUMPING - FLOWS TO BAY".
- ALL DUMPSTERS OR OTHER TRASH STORAGE ENCLOSURES SHALL BE UTILIZED SOLELY FOR NON-HAZARDOUS MATERIALS.
- ALL EMPLOYEES, CONTRACTORS, AND SUBCONTRACTORS ARE RESPONSIBLE FOR CONFORMING TO THE ELEMENTS SHOWN ON THIS PLAN OR RELATED DOCUMENTS. ANY CONTRACTOR PLANNING TO DO WORK ON-SITE SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING ALL INFORMATION PRIOR TO START OF WORK AND EDUCATING ALL OF THEIR EMPLOYEES OR SUBCONTRACTORS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND FILING ALL PLANS WITH RELATED AGENCIES ASSOCIATED WITH THEIR WORK. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, PERMITS FOR STORAGE OF HAZARDOUS MATERIALS, BUSINESS PLANS, PERMITS FOR STORAGE OF FLAMMABLE LIQUIDS, GRADING PERMITS, OR OTHER PLANS OR PERMITS REQUIRED BY THE TOWN OF FAIRFAX (TOWN), OR OTHER AGENCIES. ALL CONTRACTORS OR SUBCONTRACTORS WORKING ON-SITE ARE INDIVIDUALLY RESPONSIBLE FOR OBTAINING AND SUBMITTING ANY BUSINESS PLANS OR PERMITS REQUIRED BY TOWN, STATE OR LOCAL AGENCIES.
- CONTRACTOR MAY RELOCATE STORAGE, DELIVERY, OR WASH-OUT AREAS, TO SUIT THEIR OPERATIONS. RELOCATED LOCATION TO BE SHOWN ON PLANS MAINTAINED AT JOBSITE. CONTACT CIVIL ENGINEER FOR ANY PLAN REVISIONS. PLAN REVISIONS SHALL BE SUBMITTED TO TOWN IF REQUESTED. CONTRACTOR TO MAINTAIN SECONDARY CONTAINMENT AS NECESSARY TO PROHIBIT POLLUTION AND TOXIC MATERIALS FROM ENTERING STORM DRAIN.
- AFTER COMPLETION OF THE CURB, GUTTER, AND PAVING, OR CONCRETE V-DITCHES THE SILT FILTERS SHALL BE MODIFIED TO BURLAP SACKS FILLED WITH 3/4" DRAIN ROCK OR OTHER ACCEPTED BMP POSITIONED SURROUNDING EACH CATCH BASIN.

EROSION CONTROL NOTES:

- NO VEHICLES SHALL BE ALLOWED TO TRACK OR SPREAD SOIL FROM THE CONSTRUCTION AREAS ONTO EXISTING PAVED PUBLIC STREETS. ANY VEHICLE OPERATING WITHIN THE PROJECT AREA AND OFF THE PAVED STREET SHALL CROSS A CONSTRUCTION ENTRANCE AS SHOWN HEREIN. THE ENTRANCE MAY BE MODIFIED BY THE CONTRACTOR TO FACILITATE HIS OPERATIONS.
- THE EROSION AND SEDIMENT CONTROL MEASURES WILL BE OPERABLE DURING THE RAINY SEASON, OCTOBER 1ST TO APRIL 15TH. NO GRADING WILL OCCUR BETWEEN OCTOBER 1ST AND APRIL 15TH, UNLESS AUTHORIZED BY THE TOWN.
- CHANGES TO THIS PLAN TO MEET FIELD CONDITIONS WILL BE MADE ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE TOWN. CHANGES MADE TO SUIT FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
- DURING THE RAINY SEASON, ALL PAVED AREAS WILL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE WILL BE MAINTAINED SO THAT A MINIMUM OF SEDIMENT-LADEN RUNOFF ENTERS THE STORM DRAIN SYSTEM. THESE PLANS SHALL REMAIN IN EFFECT UNTIL THE IMPROVEMENTS ARE ACCEPTED BY THE TOWN, AND ALL SLOPES ARE STABILIZED FROM EROSION.

URBAN RUNOFF POLLUTION NOTES:

- STABILIZE ALL DENUDED AREAS AND MAINTAIN EROSION CONTROL MEASURES CONTINUOUSLY BETWEEN OCTOBER 1 AND APRIL 1.
- REMOVE SPOILS PROMPTLY AND AVOID STOCKPILING OF FILL MATERIALS WHEN RAIN IS FORECAST. IF RAIN THREATENS, STOCK-PILED SOILS AND OTHER MATERIALS SHALL BE TARPED.
- STORE, HANDLE AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTES SO AS TO PREVENT THEIR ENTRY TO THE STORM DRAIN SYSTEM. CONTRACTOR MUST NOT ALLOW CONCRETE, WASHWATERS, SLURRIES, PAINT OR OTHER MATERIALS TO ENTER CATCH BASINS OR TO ENTER SITE RUNOFF.
- USE FILTRATION OR OTHER MEASURES TO REMOVE SEDIMENT FROM DEWATERING EFFLUENT.
- NO CLEANING, FUELING OR MAINTAINING VEHICLES ON SITE SHALL BE PERMITTED IN ANY MANNER THAT ALLOWS DELETERIOUS MATERIALS TO ENTER CATCH BASINS OR TO ENTER SITE RUNOFF.
- IN THE EVENT OPERATIONS ARE SUSPENDED BY WEATHER CONDITIONS AND IF THE STORM DRAIN SYSTEM IS INCOMPLETE, INSTALL ADDITIONAL ROCK FILTERS AND OTHER FACILITIES AS DIRECTED BY TOWN AND ENGINEER.

BMP	GENERAL DESCRIPTION
EROSION CONTROL BMPS	
A	PRESERVE EXISTING VEGETATION EXISTING VEGETATION SHOULD BE PRESERVED AS MUCH AS POSSIBLE. CASQA: EC-2.
B	SOIL COVER COVER ALL EXPOSED SOIL WITH STRAW MULCH AND TACKIFIER (OR EQUIVALENT). CASQA: EC-3, EC-5, EC-6, EC-7, EC-14, AND EC-16.
C	REVEGETATION AREAS OF DISTURBED SOIL/VEGETATION SHOULD BE REVEGETATED AS SOON AS PRACTICAL. CASQA: EC-4.
SEDIMENT CONTROL BMPS	
D	STABILIZED SITE ENTRANCE NOT APPLICABLE
E	FIBER ROLLS (E.G. STRAW WATTLES) USE FIBER ROLLS ALONG CONTOURS OF SHORT SLOPES 3:1 OR FLATTER, KEYED INTO GROUND AT LEAST 3-INCHES DEEP (TYPICALLY 25 FEET APART). USE WILDLIFE-FRIENDLY FIBER ROLLS MADE OF BIODEGRADABLE NATURAL MATERIALS. AVOID USING FIBER ROLLS MADE WITH PLASTIC NETTING OR FIXED APERTURE NETTING. CASQA: SE-5.
F	DRAIN INLET PROTECTION USE PEA-GRAVEL BAGS, (OR SIMILAR PRODUCT) AROUND DRAIN INLETS LOCATED BOTH ONSITE AND IN GUTTER AS A LAST LINE OF DEFENSE. CASQA: NS-2.
GOOD HOUSEKEEPING BMPS	
H	CONCRETE WASHOUTS CONSTRUCT A CONCRETE WASHOUT SITE PLACED AT LEAST 50 FEET AWAY FROM STORM DRAINS, WATERBODIES, OR OTHER DRAINAGES. IDEALLY, PLACE ADJACENT TO STABILIZED ENTRANCE. CLEAN AS NEEDED AND REMOVE AT END OF PROJECT. CASQA: WM-8.
I	STOCKPILE MANAGEMENT COVER ALL STOCKPILES AND LANDSCAPE MATERIAL AND BERM PROPERLY WITH FIBER ROLLS OR SAND BAGS. KEEP BEHIND SILT FENCE, AWAY FROM WATERBODIES. AVOID USE OF PLASTIC SHEETING WHERE POSSIBLE TO KEEP PLASTIC FROM ENTERING WATERBODIES. CASQA: WM-3.
J	HAZARDOUS MATERIAL MANAGEMENT HAZARDOUS MATERIALS MUST BE KEPT IN CLOSED CONTAINERS THAT ARE COVERED AND UTILIZE SECONDARY CONTAINMENT, NOT DIRECTLY ON SOIL. CASQA: WM-6.
K	SANITARY WASTE MANAGEMENT PLACE PORTABLE TOILETS NEAR STABILIZED SITE ENTRANCE, BEHIND THE CURB AND AWAY FROM GUTTERS, STORM DRAIN INLETS, AND WATERBODIES. ALL PORTABLE BATHROOMS SHOULD HAVE OVERFLOW PAN/TRAY (MOST VENDORS PROVIDE THESE). CASQA: WM-9.
L	EQUIPMENT AND VEHICLE MAINTENANCE PAVEMENT EQUIPMENT FLUID LEAKS ONTO GROUND BY PLACING DRIP PANS OR PLASTIC TARPS UNDER EQUIPMENT. CASQA: NS-8, NS-9, AND NS-10.

NOTE
 1. FIBER ROLLS TO BE LAID ALONG CONTOUR (U.N.O.).