


Know what's below.
Call before you dig.

BENCHMARK:
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF PHELAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE, 6.3 FT NORTH OF A SECTION MARKER PIPE, 0.6 FT EAST OF A WITNESS POST, ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

NO.	REVISION	DATE	BY



Jerry L. Miles
No. C 42593
Civil
STATE OF CALIFORNIA

PLANS PREPARED BY:

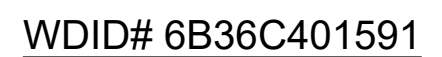
TRLS ENGINEERING Inc.

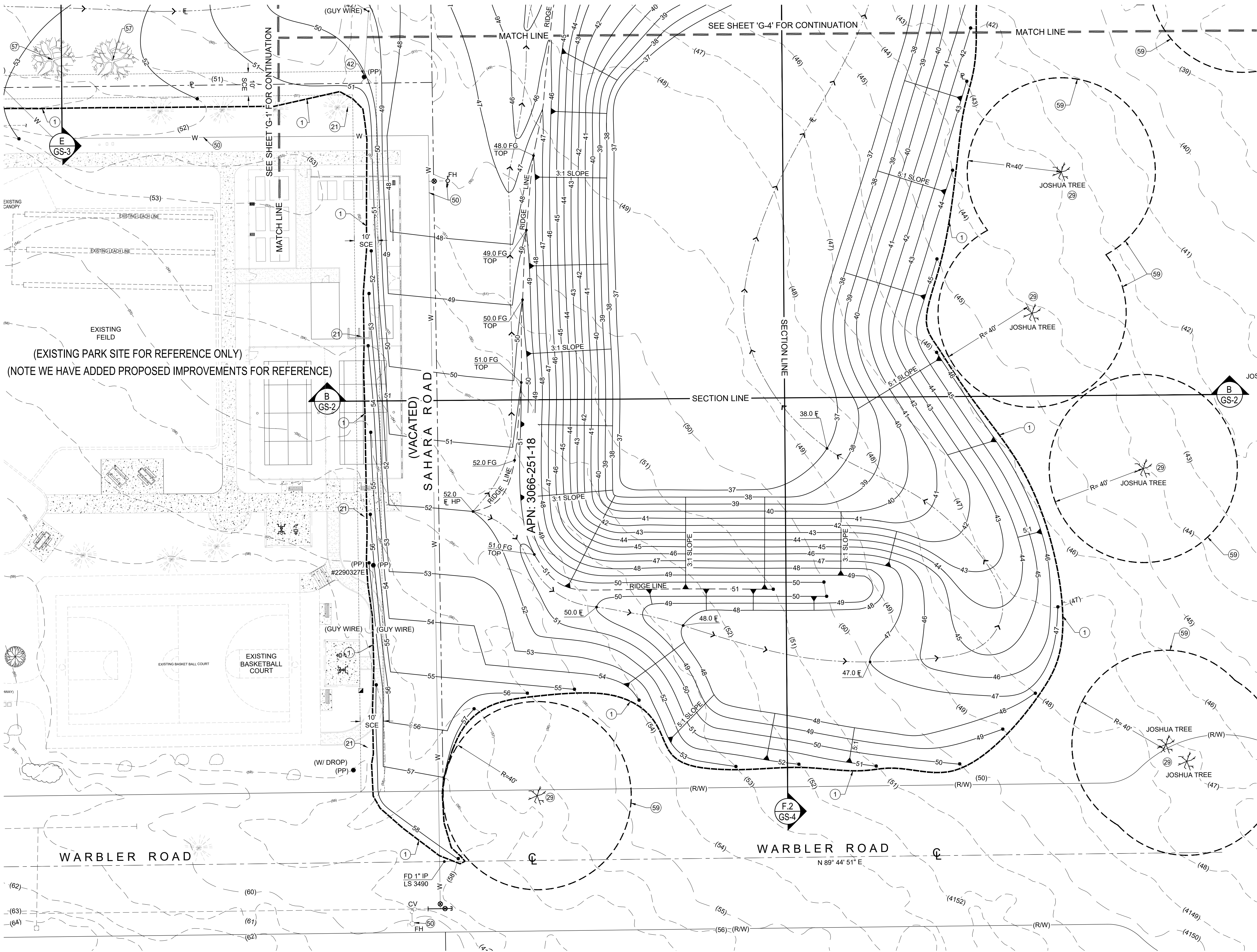
Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

**COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS**

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
TER	TER		
RECOMMENDED/APPROVED BY: <td> </td> <td>ASST. DIRECTOR OF PUBLIC WORKS</td> <td> </td>		ASST. DIRECTOR OF PUBLIC WORKS	
LAND DEVELOPMENT ENGINEER	DATE	DIRECTOR OF PUBLIC WORKS	DATE

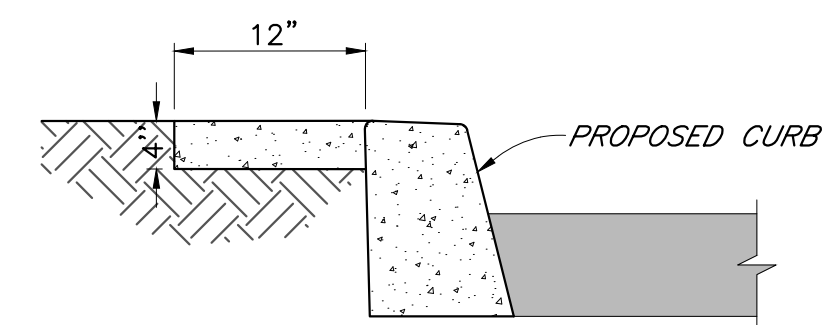
DRAWN BY:	DATE:	PHASE 1	SCALE:
TRLS	09-04-2024	9535 SHEEP CREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10 & 3066-251-18)	AS SHOWN
DESIGNED BY:	DATE:	GRADING KEY PLAN	SHEET
			2 OF 25
APPROVED BY:	DATE:		SHEET
			G-0





CONSTRUCTION NOTES

- ① PHASE 1 GRADING LIMITS.
- ②1 PROTECT EXISTING FENCE IN PLACE.
- ②9 PROTECT EXISTING JOSHUA TREES IN PLACE.
- ④2 PROTECT IN PLACE.
- ⑤0 REFER TO UTILITY PLAN.
- ⑤9 CONTRACTOR MUST MAINTAIN A 40 FOOT UNDISTURBED PERIMETER AROUND ALL JOSHUA TREES



DETAIL "A" - WALK @ BACK OF CURB
NOT TO SCALE



SCALE 1"=20'
CONTOUR INTERVAL=1FT.
10 0 10 20 40

WDID# 6B36C401591

- GRAD-2021-00235
- PRAA-2021-00040
- DRNSTY-2021-00054
- SIP-2021-00031
- NEWNR-2021-00230
- WQMP-2021-00153

DRAWN BY: TRLS
DATE: 09-04-2024
DESIGNED BY: TER
DATE: -
APPROVED BY: -
DATE: -

PHELAN PINON HILLS
COMMUNITY SERVICES DISTRICT
CIVIC CENTER DEVELOPMENT
PHASE 1
9535 SHEEP CREEK RD. PHELAN, CA. 92329
(APN: 3066-261-10 & 3066-251-18)

SCALE: AS SHOWN
SHEET 5 OF 25
SHEET G-3

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER
DRAWN BY: TER
CHECKED BY: -
APPROVED BY: -
RECOMMENDED/APPROVED BY: -
LAND DEVELOPMENT ENGINEER DATE: -
ASST. DIRECTOR OF PUBLIC WORKS
DIRECTOR OF PUBLIC WORKS DATE: -

PLANS PREPARED BY:

TRLS ENGINEERING Inc.

Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans



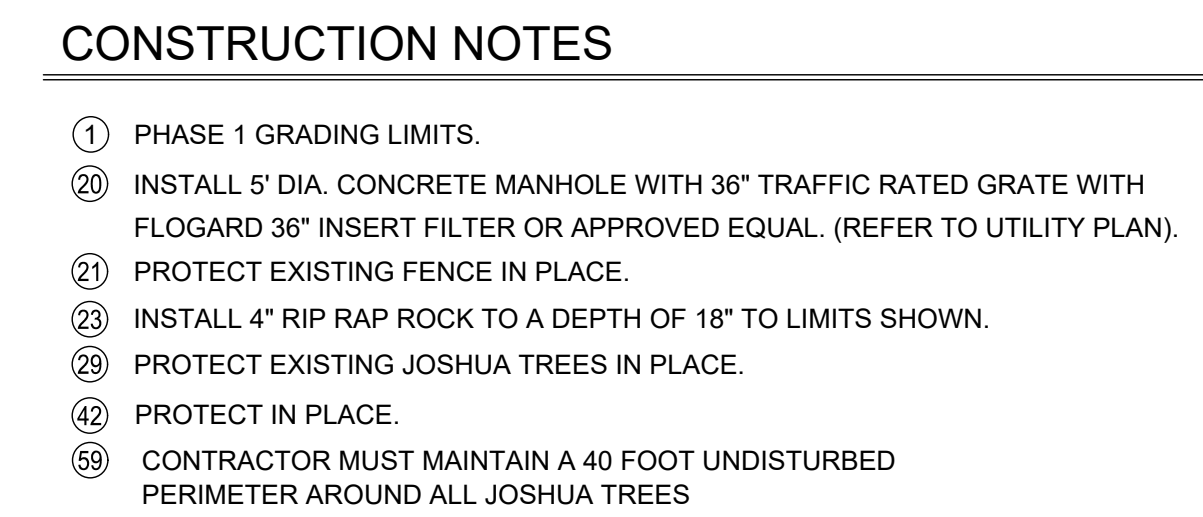
JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

BENCHMARK:
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE. 6.3 FT NORTH OF A SECTION MARKER PIPE. 0.6 FT EAST OF A WITNESS POST. ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

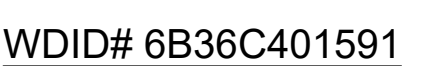


Know what's below.
Call before you dig.

NO. REVISION DATE BY

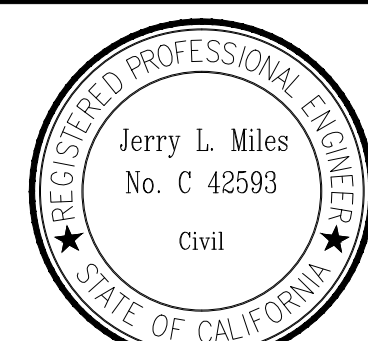


- ① PHASE 1 GRADING LIMITS.
- ②⑩ INSTALL 5" DIA. CONCRETE MANHOLE WITH 36" TRAFFIC RATED GRATE WITH FLOGRAD 36" INSERT FILTER OR APPROVED EQUAL. (REFER TO UTILITY PLAN).
- ②⑪ PROTECT EXISTING FENCE IN PLACE.
- ②⑬ INSTALL 4" RIP RAP ROCK TO A DEPTH OF 18" TO LIMITS SHOWN.
- ②⑭ PROTECT EXISTING JOSHUA TREES IN PLACE.
- ④② PROTECT IN PLACE.
- ⑤⑨ CONTRACTOR MUST MAINTAIN A 40 FOOT UNDISTURBED PERIMETER AROUND ALL JOSHUA TREES



GRADING PLAN

SHEET
G-4

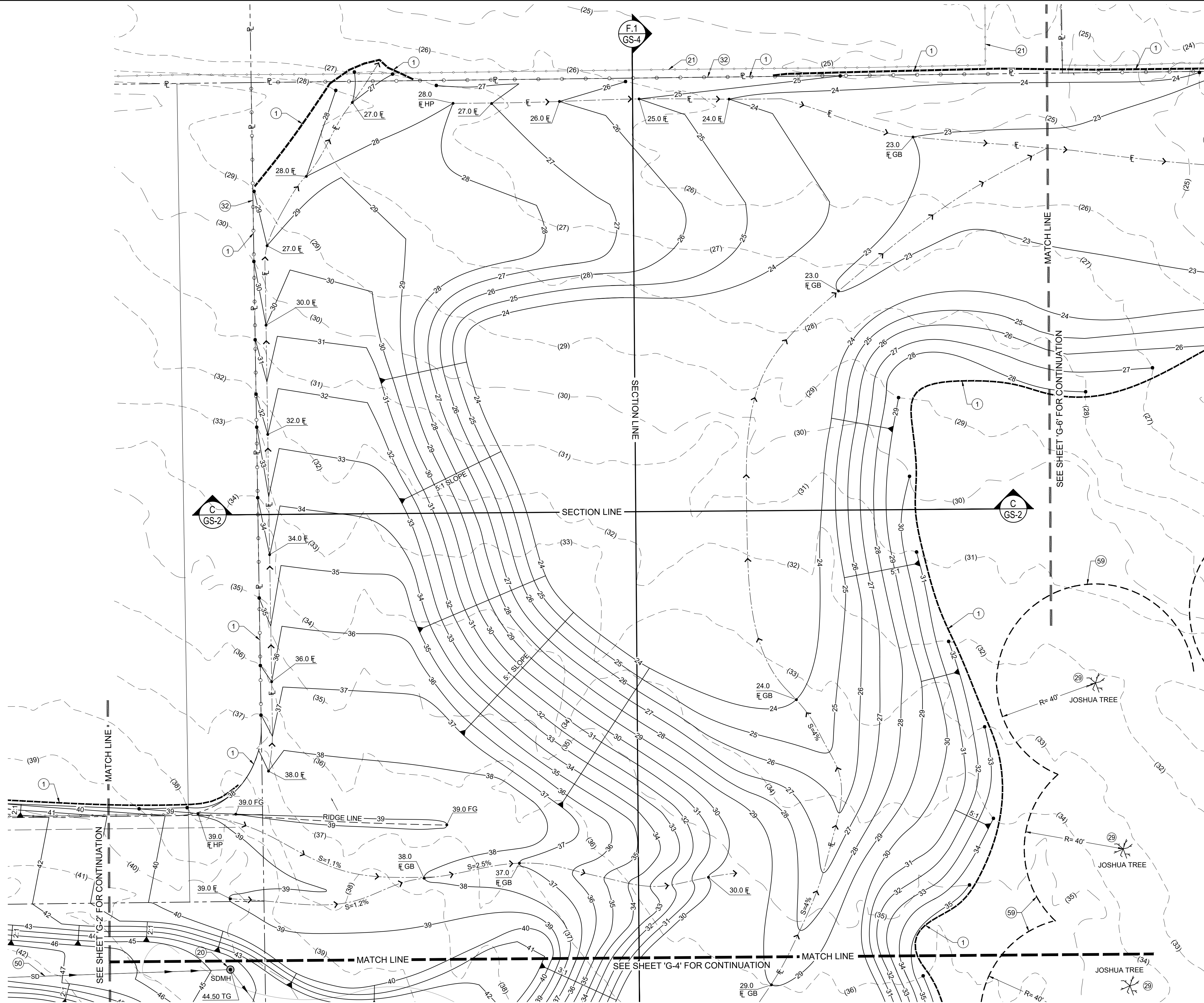
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JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

**Bid Set - PPHCSD Civic Center Phase 1 -
Civil Plans**

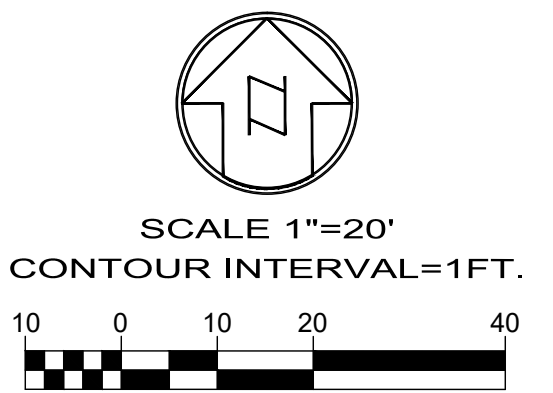
DESIGNED BY: TER		DRAWN BY: TER		CHECKED BY:		APPROVED BY:		DESIGNED BY: TER	
								DATE: -	
RECOMMENDED/APPROVED BY:						ASST. DIRECTOR OF PUBLIC WORKS		APPROVED BY:	
LAND DEVELOPMENT ENGINEER				DATE		DIRECTOR OF PUBLIC WORKS		DATE:	

	DRAWN BY: TRLS DATE: 09-04-2024
	DESIGNED BY: TER DATE: -
	APPROVED BY: DATE:



CONSTRUCTION NOTES

- 1 PHASE 1 GRADING LIMITS.
- 20 INSTALL 5' DIA. CONCRETE MANHOLE WITH 36" TRAFFIC RATED GRATE WITH FLOGARD 36" INSERT FILTER OR APPROVED EQUAL. (REFER TO UTILITY PLAN).
- 21 PROTECT EXISTING FENCE IN PLACE.
- 29 PROTECT EXISTING JOSHUA TREES IN PLACE.
- 32 INSTALL 6' HIGH CHAINLINK FENCE TO LIMITS SHOWN.
- 59 CONTRACTOR MUST MAINTAIN A 40 FOOT UNDISTURBED PERIMETER AROUND ALL JOSHUA TREES



WDID# 6B36C401591

BENCHMARK:
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE. 6.3 FT NORTH OF A SECTION MARKER PIPE. 0.6 FT EAST OF A WITNESS POST. ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

NO.	REVISION	DATE	BY

Jerry L. Miles
No. C 42593
Civil
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

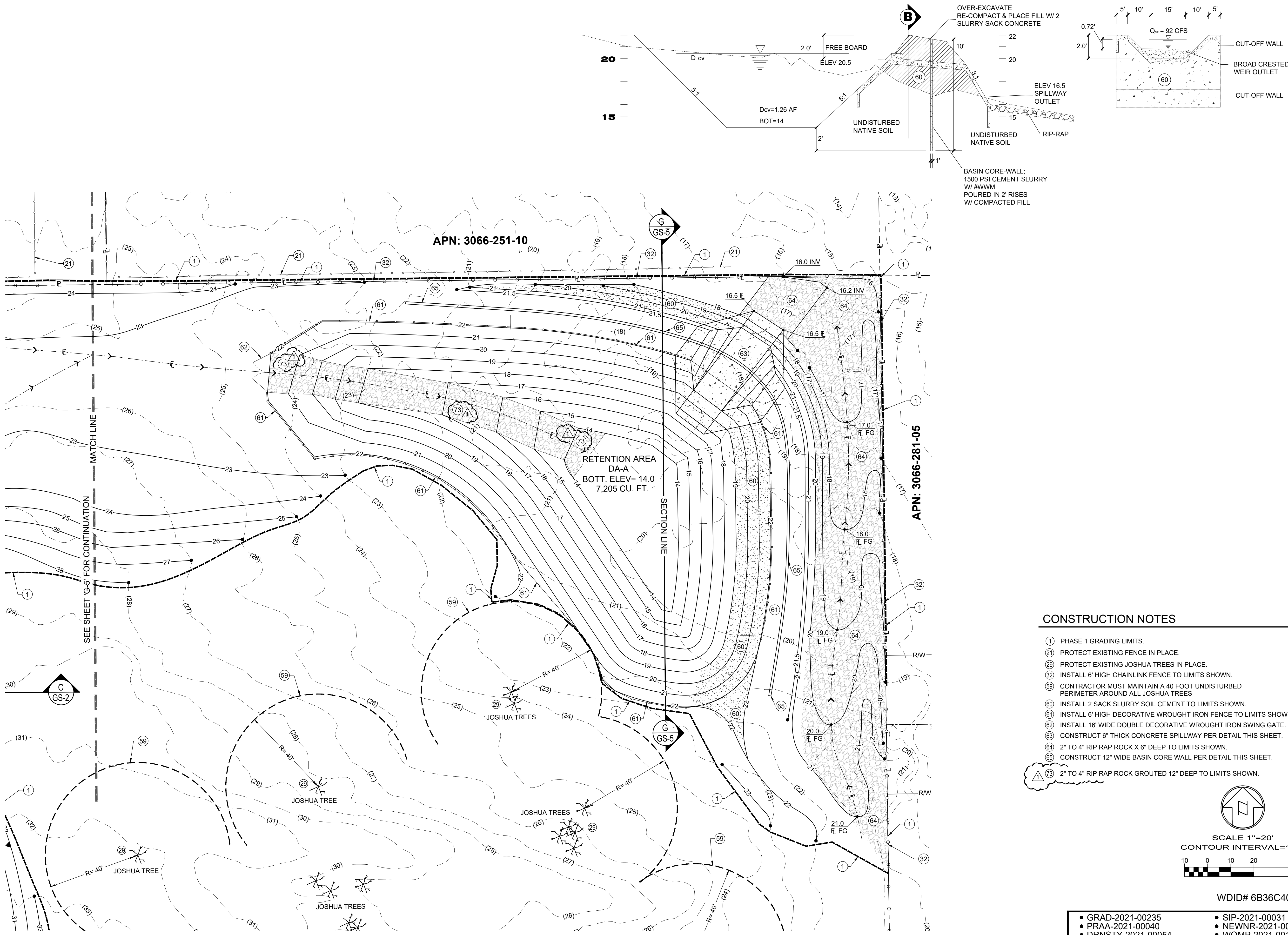
PLANS PREPARED BY:
TRLS ENGINEERING Inc.
Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS
DESIGNED BY: TER
DRAWN BY: TER
CHECKED BY:
APPROVED BY:
RECOMMENDED/APPROVED BY:
LAND DEVELOPMENT ENGINEER
DATE
ASST. DIRECTOR OF PUBLIC WORKS
DIRECTOR OF PUBLIC WORKS
DATE

DRAWN BY: TRLS DATE: 09-04-2024	PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT CIVIC CENTER DEVELOPMENT PHASE 1 9535 SHEEP CREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10 & 3066-251-18)	SCALE: AS SHOWN SHEET 7 OF 25 SHEET G-5
DESIGNED BY: TER DATE:	APPROVED BY:	
APPROVED BY:	DATE:	

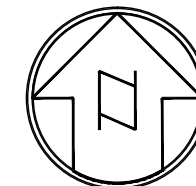
GRADING PLAN





CONSTRUCTION NOTES

- 1 PHASE 1 GRADING LIMITS.
- 21 PROTECT EXISTING FENCE IN PLACE.
- 29 PROTECT EXISTING JOSHUA TREES IN PLACE.
- 32 INSTALL 6' HIGH CHAINLINK FENCE TO LIMITS SHOWN.
- 59 CONTRACTOR MUST MAINTAIN A 40 FOOT UNDISTURBED PERIMETER AROUND ALL JOSHUA TREES
- 60 INSTALL 2 SACK SLURRY SOIL CEMENT TO LIMITS SHOWN.
- 61 INSTALL 6' HIGH DECORATIVE WROUGHT IRON FENCE TO LIMITS SHOWN.
- 62 INSTALL 16' WIDE DOUBLE DECORATIVE WROUGHT IRON SWING GATE.
- 63 CONSTRUCT 6" THICK CONCRETE SPILLWAY PER DETAIL THIS SHEET.
- 64 2" TO 4" RIP RAP ROCK X 6" DEEP TO LIMITS SHOWN.
- 65 CONSTRUCT 12" WIDE BASIN CORE WALL PER DETAIL THIS SHEET.
- 73 2" TO 4" RIP RAP ROCK GROUTED 12" DEEP TO LIMITS SHOWN.



SCALE 1"=20'
CONTOUR INTERVAL=1FT.

WDID# 6B36C401591

BENCHMARK:
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF JOHNSON RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE. 6.3 FT NORTH OF A SECTION MARKER PIPE. 0.6 FT EAST OF A WITNESS POST. ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

NO.	REVISION	DATE	BY
1	PLAN CHANGES	08/18/2025	TRLs



JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

PLANS PREPARED BY:

TRLs ENGINEERING Inc.

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COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER	DRAWN BY: TER	CHECKED BY:	APPROVED BY:
RECOMMENDED/APPROVED BY:	ASST. DIRECTOR OF PUBLIC WORKS	DIRECTOR OF PUBLIC WORKS	
LAND DEVELOPMENT ENGINEER	DATE	DATE	DATE

- GRAD-2021-00235
- PRAA-2021-00040
- DRNSTY-2021-00054
- SIP-2021-00031
- NEWNR-2021-00230
- WQMP-2021-00153

DRAWN BY: TRLs DATE: 09-04-2024	PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT CIVIC CENTER DEVELOPMENT PHASE 1 9535 SHEEP CREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10 & 3066-251-18)	SCALE: AS SHOWN
DESIGNED BY: TER DATE:	APPROVED BY:	SHEET 8 OF 25
DATE:	DATE:	SHEET G-6



Know what's below.
Call before you dig.

SHEEP CREEK ROAD

N 00° 33' 19" W

FD COUNTY
SURVEYOR
MONUMENT
TBM ELEV= 4151.93

IDENTICAL
POINT

FD COUNTY
SURVEYOR
MONUMENT
TBM ELEV=4172.18

BENCHMARK:

U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE, 6.3 FT NORTH OF A SECTION MARKER PIPE, 0.6 FT EAST OF A WITNESS POST, ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'



PLANS PREPARED BY:

TRLS ENGINEERING Inc.

Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER	DRAWN BY: TER	CHECKED BY:	APPROVED BY:
RECOMMENDED/APPROVED BY:		ASST. DIRECTOR OF PUBLIC WORKS	
LAND DEVELOPMENT ENGINEER		DIRECTOR OF PUBLIC WORKS	
DATE		DATE	

• GRAD-2021-00235
• PRAA-2021-00040
• DRNSTY-2021-00054

• SIP-2021-00031
• NEWNR-2021-00230
• WQMP-2021-00153

DRAWN BY:
TERLS
DATE:
09-04-2024

DESIGNED BY:
TER
DATE:

APPROVED BY:
DATE:

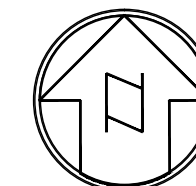
PHELAN PINON HILLS
COMMUNITY SERVICES DISTRICT
CIVIC CENTER DEVELOPMENT
PHASE 1
9535 SHEEP CREEK RD. PHELAN, CA. 92329
(APN: 3066-261-10 & 3066-251-18)

HORIZONTAL CONTROL PLAN

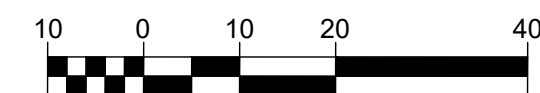
SCALE:
AS SHOWN

SHEET
9 OF 25

SHEET
HC-1



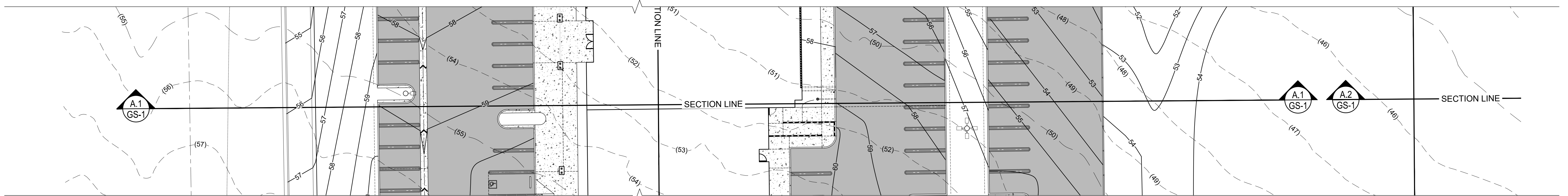
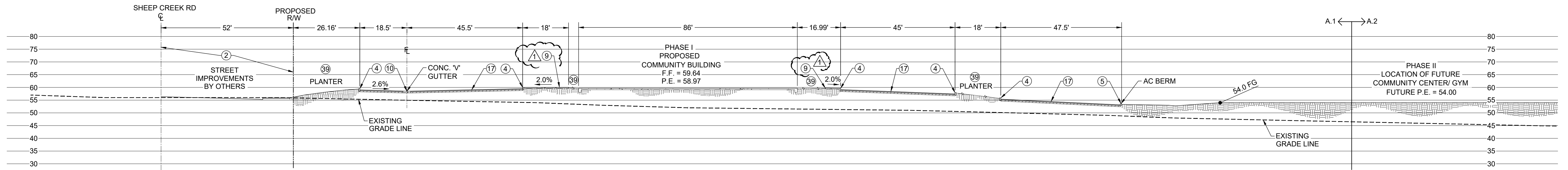
SCALE 1"=30'
CONTOUR INTERVAL=1FT.



WDID# 6B36C401591



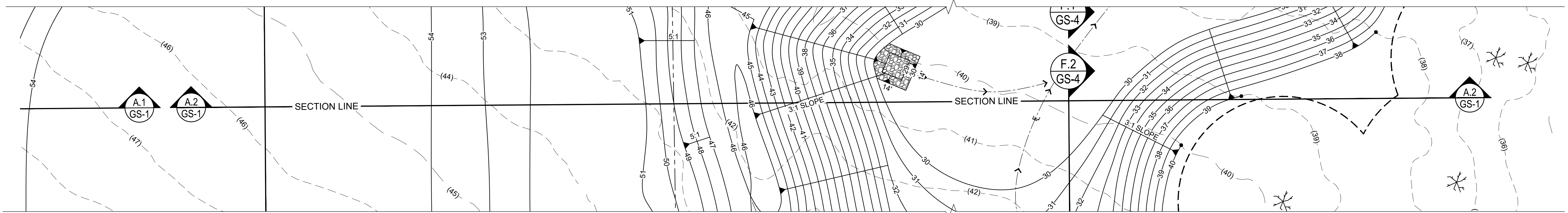
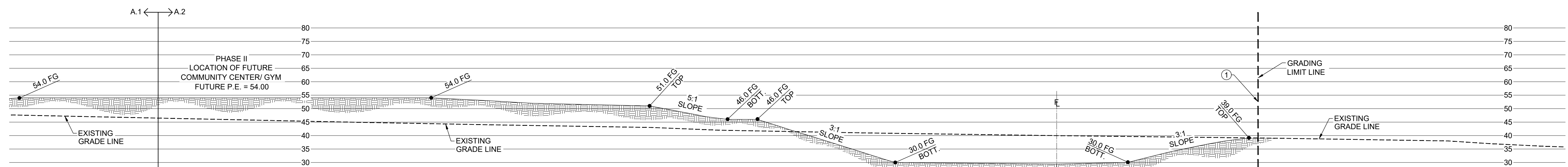
Know what's below.
Call before you dig.



SECTION 'A.1'

CONSTRUCTION NOTES

- 1 PHASE 1 GRADING LIMITS.
- 2 STREET IMPROVEMENTS BY OTHERS. STREET IMPROVEMENTS PLANS UNDER SEPARATE PERMIT. SIP-2021-00031.
- 4 CONSTRUCT A1-6 HIGH CONCRETE CURB PER SPPWC STD. 120-2.
- 5 CONSTRUCT D1-6 6" HIGH ASPHALT BERM TO LIMITS SHOWN PER SPPWC STD. 120-2.
- 9 CONSTRUCT 4" THICK CONCRETE SIDEWALK TO LIMITS SHOWN. PER SBCO STD 109 TYPE 'C'. CROSS SLOPE TO BE 2.0% MAX.
- 10 CONSTRUCT 3' WIDE CONCRETE V-GUTTER PER SBCO STD. 125
- 17 INSTALL 4" AC PAVEMENT OVER 5" CLASS II BASE TO LIMITS SHOWN.
- 39 PLANTER AREA. REFER TO ARCHITECTURAL PLANS FOR LANDSCAPE INFO.
- 59 CONTRACTOR MUST MAINTAIN A 40 FOOT UNDISTURBED PERIMETER AROUND ALL JOSHUA TREES

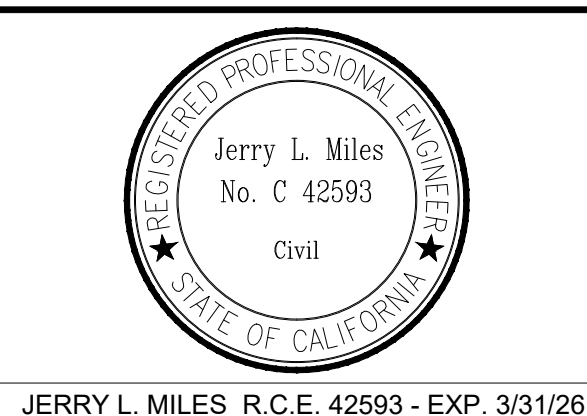


SECTION 'A.2'



BENCHMARK:
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE. 6.3 FT NORTH OF A SECTION MARKER PIPE. 0.6 FT EAST OF A WITNESS POST. ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

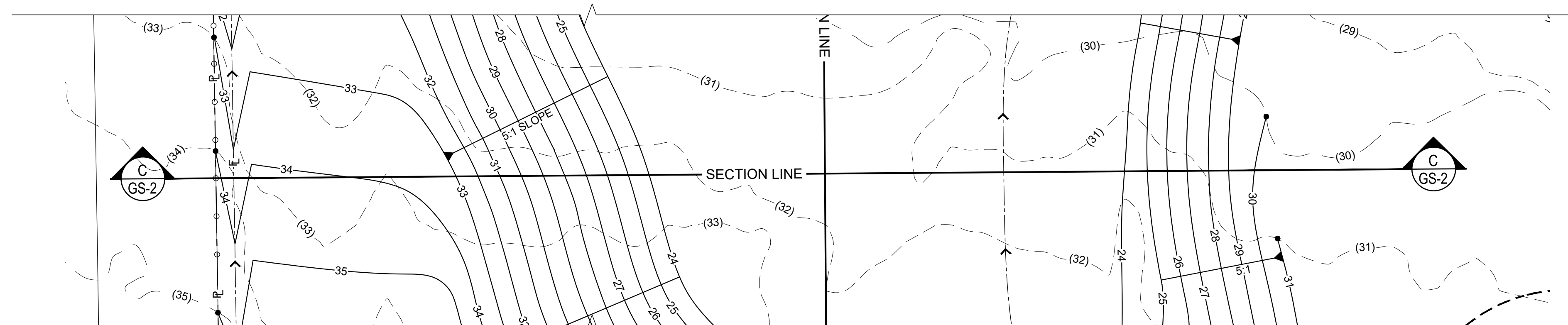
1	PLAN CHANGES	08/18/2025	TRLs
NO.	REVISION	DATE	BY



PLANS PREPARED BY:
TRLs ENGINEERING Inc.
Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: TER	DRAWN BY: TER	CHECKED BY:	APPROVED BY:
RECOMMENDED/APPROVED BY:	ASST. DIRECTOR OF PUBLIC WORKS		
LAND DEVELOPMENT ENGINEER	DATE	DIRECTOR OF PUBLIC WORKS	DATE

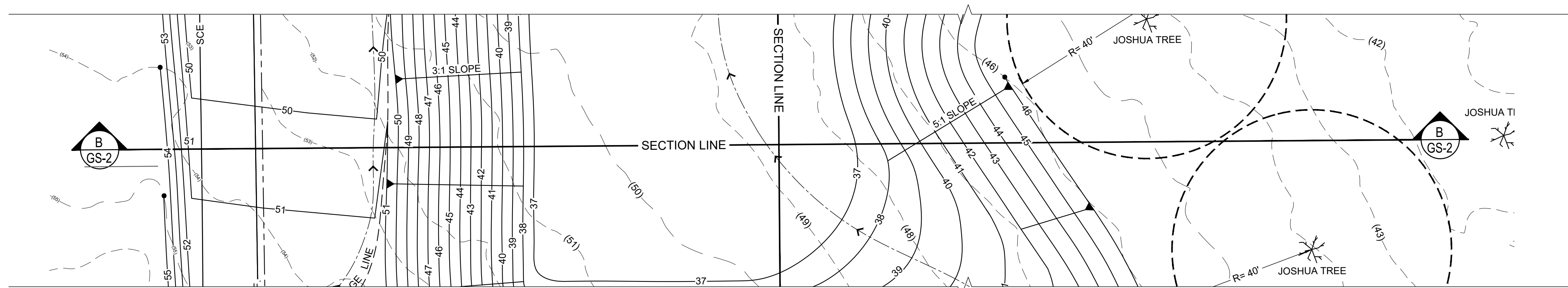
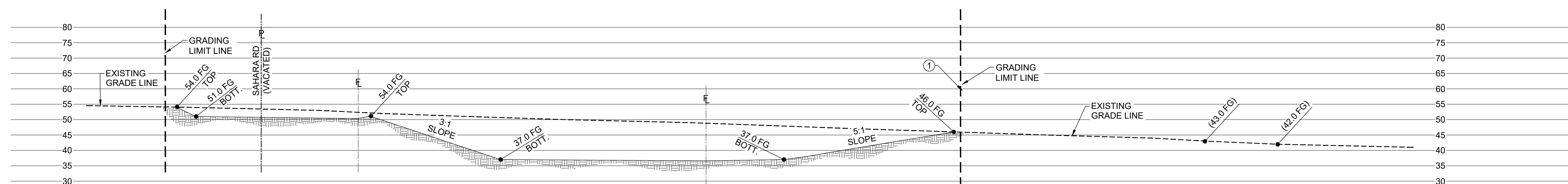
• GRAD-2021-00235 • PRAA-2021-00040 • DRNSTY-2021-00054	• SIP-2021-00031 • NEWNR-2021-00230 • WQMP-2021-00153
DRAWN BY: TRLs DATE: 09-04-2024	PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT CIVIC CENTER DEVELOPMENT PHASE 1 9535 SHEEP CREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10 & 3066-251-18)
DESIGNED BY: TER DATE:	SCALE: AS SHOWN SHEET 10 OF 25
APPROVED BY: DATE:	SHEET GS-1



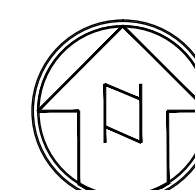
SECTION 'C'

CONSTRUCTION NOTES

① PHASE 1 GRADING LIMITS.



SECTION 'B'



SCALE 1"=20'
CONTOUR INTERVAL=1FT.

WDID# 6B36C401591

APPROVED BY:	SECTIONS	SHEET GS-2
DATE:		

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER		DRAWN BY: TER		CHECKED BY:		APPROVED BY:		DESIGNED BY: TER	
								DATE: -	
RECOMMENDED/APPROVED BY:						ASST. DIRECTOR OF PUBLIC WORKS		APPROVED BY:	
LAND DEVELOPMENT ENGINEER				DATE		DIRECTOR OF PUBLIC WORKS		DATE:	

PLANS PREPARED BY:

TRLS ENGINEERING Inc.

**Bid Set - PPHCSD Civic Center Phase 1 -
Civil Plans**



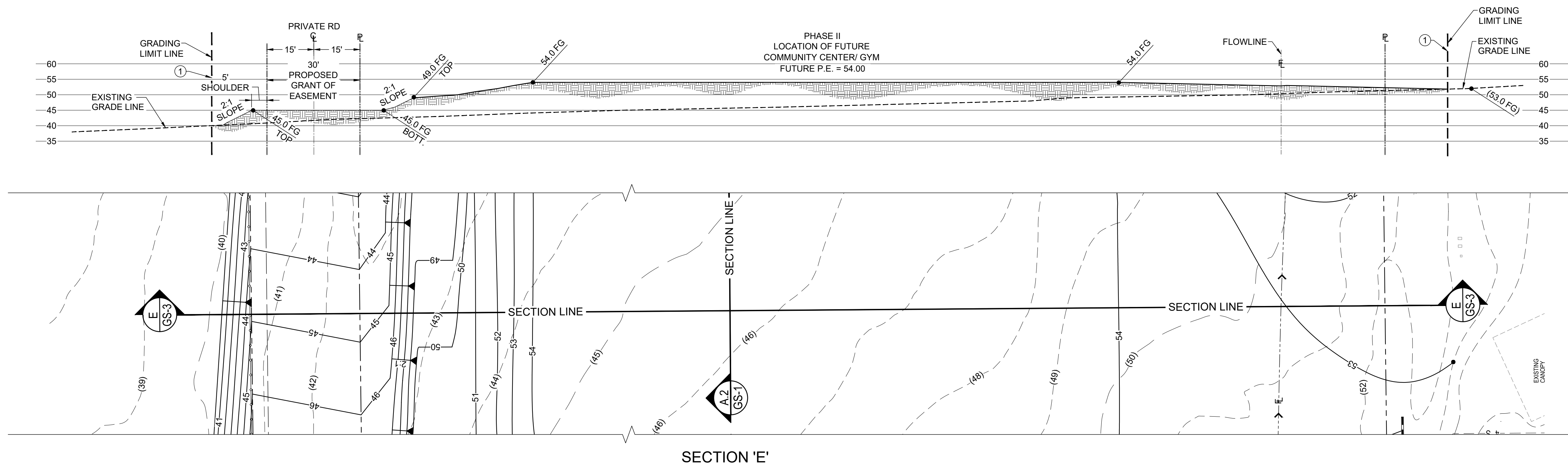
JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

BENCHMARK:

U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD, FROM THE INTERSECTION OF PHELAN RD, 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD, 34 FT EAST OF THE CENTER LINE OF JOHNSON RD, 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD, 6.6 FT WEST OF A FENCE, 6.3 FT NORTH OF A SECTION MARKER PIPE, 0.6 FT EAST OF A WITNESS POST, ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
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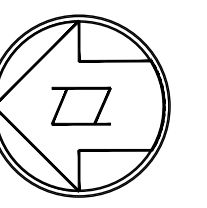
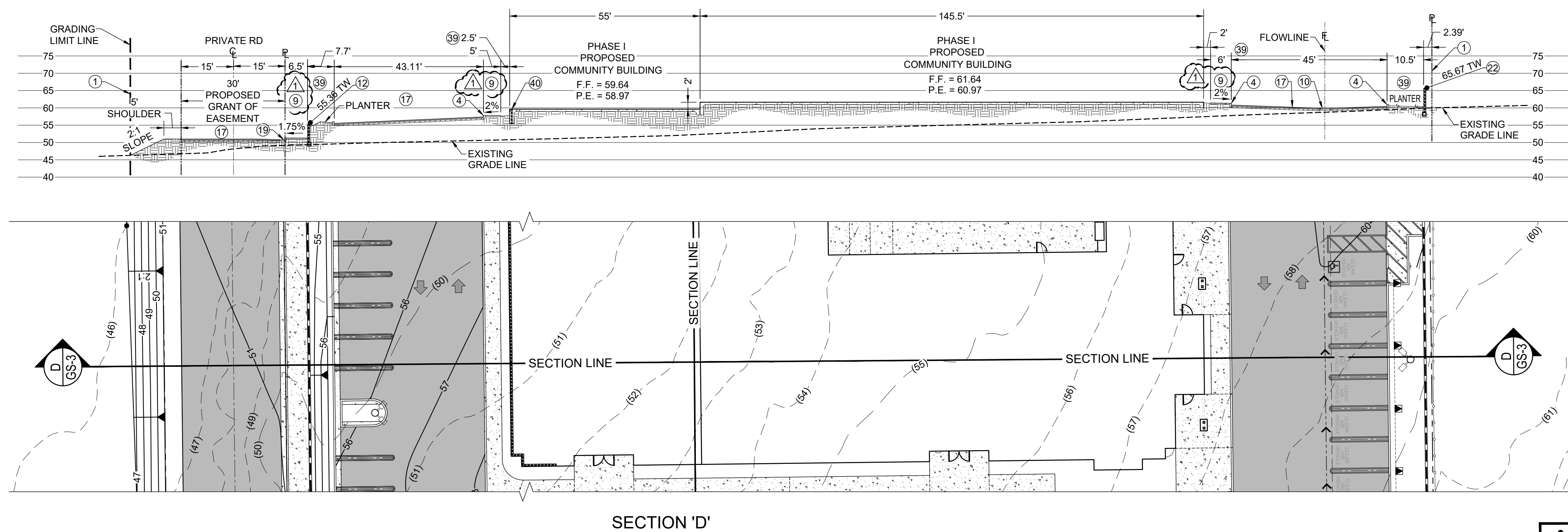


Know what's **below**.
Call before you dig.




CONSTRUCTION NOTES

- ① PHASE I GRADING LIMITS.
- ④ CONSTRUCT A1-6 HIGH CONCRETE CURB PER SPPWC STD. 120-2.
- ⑨ CONSTRUCT 4" THICK CONCRETE SIDEWALK TO LIMITS SHOWN. PER SBCO STD 109 TYPE 'C'. CROSS SLOPE TO BE 2.0% MAX.
- ⑩ CONSTRUCT 3" WIDE CONCRETE V-GUTTER PER SBCO STD. 125
- ⑫ CONSTRUCT 8" BLOCK RETAINING WALL TO LIMITS SHOWN.
- ⑬ INSTALL 4" AC PAVEMENT OVER 5" CLASS II BASE TO LIMITS SHOWN.
- ⑮ CONSTRUCT 6" CURB & GUTTER PER SBCO STD. 116 TO LIMITS SHOWN.
- ⑰ CONSTRUCT 6" HIGH BLOCK WALL TO LIMITS SHOWN. UNDER SEPARATE PERMIT.
- ⑳ PLANTER AREA. REFER TO ARCHITECTURAL PLANS FOR LANDSCAPE INFO.
- ㉑ EXTENDED FOOTING. REFER TO ARCHITECTURAL FOUNDATION PLAN FOR DETAIL.



WDID# 6B36C401591



BENCHMARK:				
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD, FROM THE INTERSECTION OF PHELAN RD, 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD, 34 FT EAST OF THE CENTER LINE OF JOHNSON RD, 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD, 6.6 FT WEST OF A FENCE, 6.3 FT NORTH OF A SECTION MARKER PIPE, 6.6 FT EAST OF A WITNESS POST, ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND. ELEV= 3613.45'		PLAN CHANGES	08/18/2025	TRL
		NO REVISION	DATE	BY



PLANS PREPARED BY:

TRLS ENGINEERING Inc.

**Bid Set - PPHCSD Civic Center Phase 1 -
Civil Plans**

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER		DRAWN BY: TER		CHECKED BY:		APPROVED BY:		DESIGNED BY: TER	
								DATE: -	
RECOMMENDED/APPROVED BY:						ASST. DIRECTOR OF PUBLIC WORKS		APPROVED BY:	
LAND DEVELOPMENT ENGINEER				DATE		DIRECTOR OF PUBLIC WORKS		DATE:	

- GRAD-2021-00235
- PRAA-2021-00040
- DRNSTY-2021-00054

- SIP-2021-00031
- NEWNR-2021-00230
- WQMP-2021-00153

DRAWN BY:
TRLS
DATE:
00.04.2024

DESIGNED BY:	TER
DATE:	

APPROVED BY _____
DATE: _____

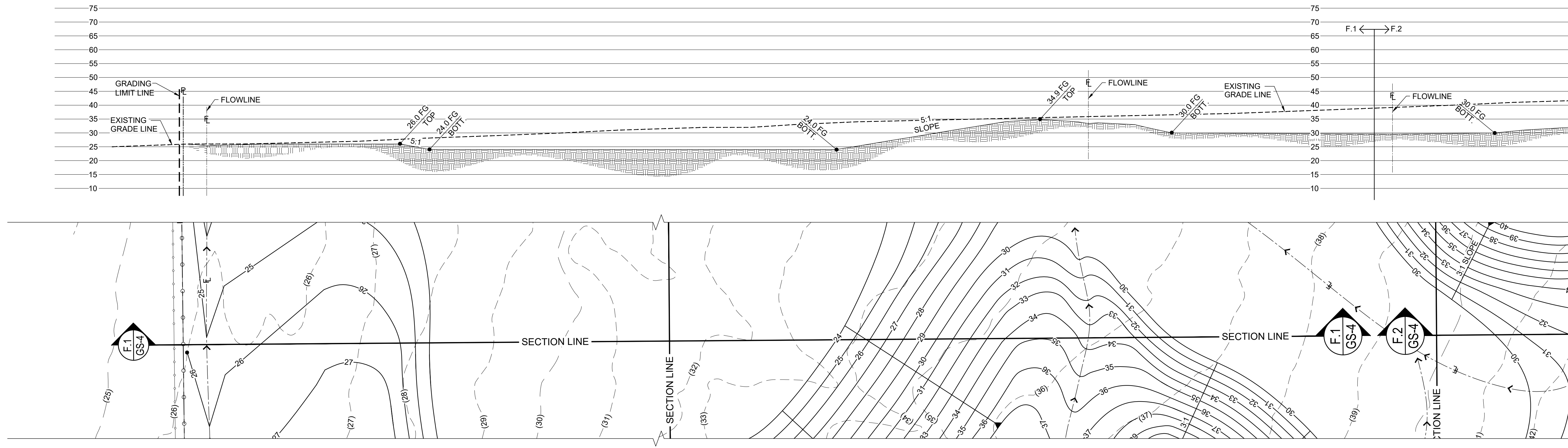
PHELAN PINON HILLS
 COMMUNITY SERVICES DISTRICT
 CIVIC CENTER DEVELOPMENT
 PHASE 1
 9535 SHEEP CREEK RD. PHELAN, CA. 92329
 (APN: 3066-261-10 & 3066-251-18)

SECTIONS

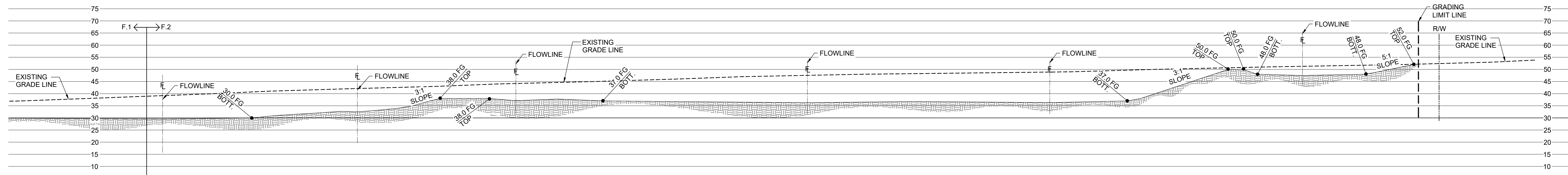
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SHEET
2 OF 25

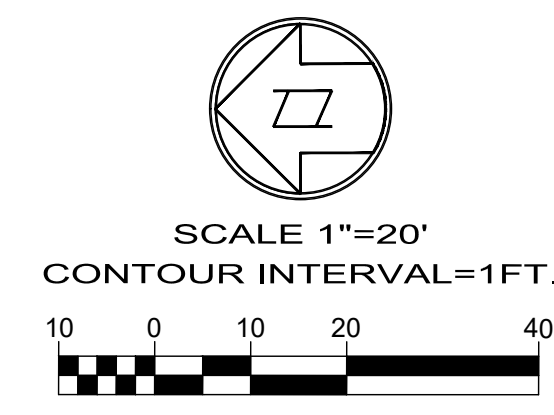
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222



SECTION 'F.1'



SECTION 'F.2'



WDID# 6B36C401591



BENCHMARK:
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE, 6.3 FT NORTH OF A SECTION MARKER PIPE, 0.6 FT EAST OF A WITNESS POST, ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

NO.	REVISION	DATE	BY

Jerry L. Miles
No. C 42593
Civil
STATE OF CALIFORNIA

JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

PLANS PREPARED BY:

TRLS ENGINEERING Inc.

Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

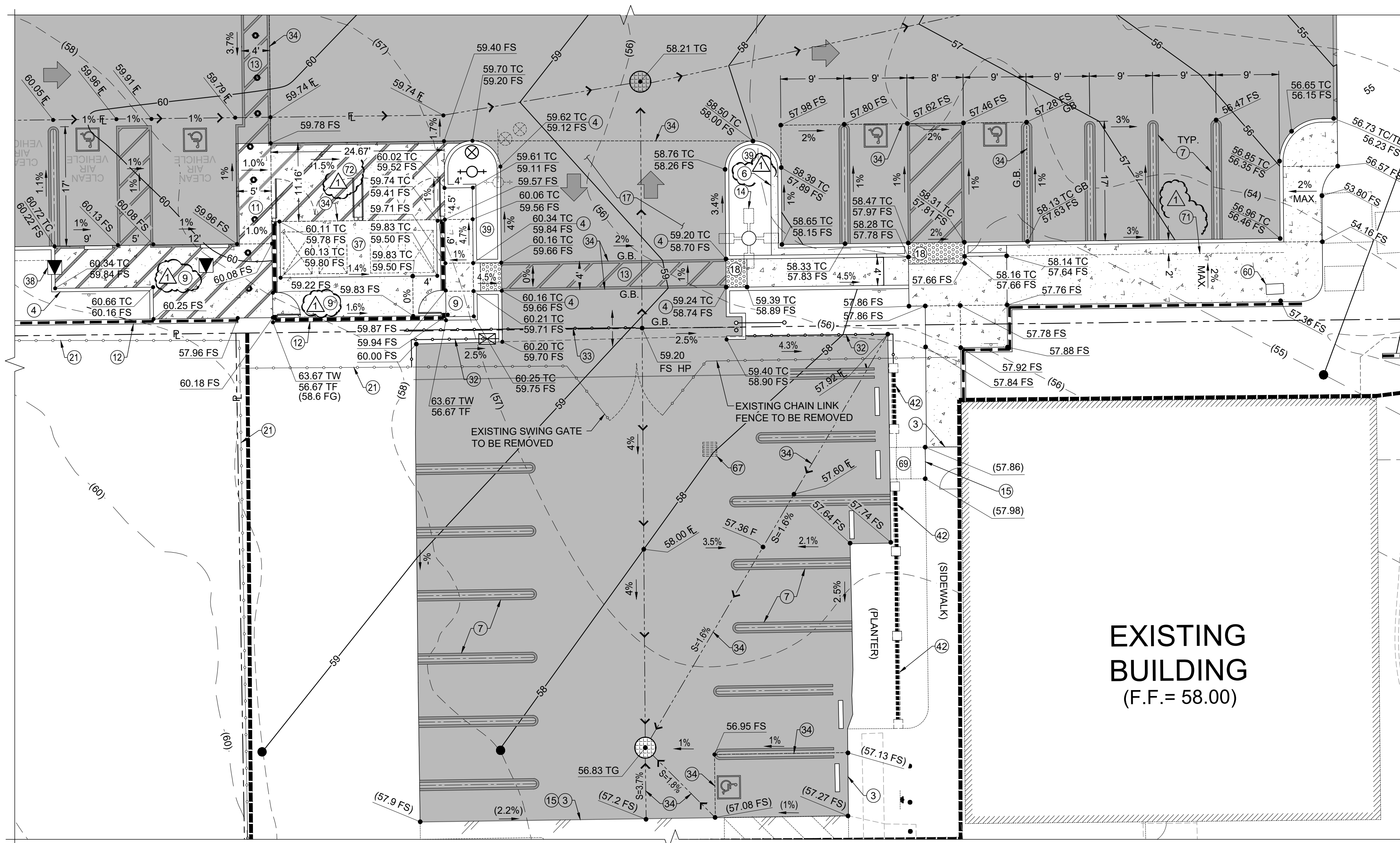
**COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS**

DESIGNED BY: TER	DRAWN BY: TER	CHECKED BY:	APPROVED BY:
RECOMMENDED/APPROVED BY:		ASST. DIRECTOR OF PUBLIC WORKS	
LAND DEVELOPMENT ENGINEER		DIRECTOR OF PUBLIC WORKS	
DATE	DATE	DATE	DATE

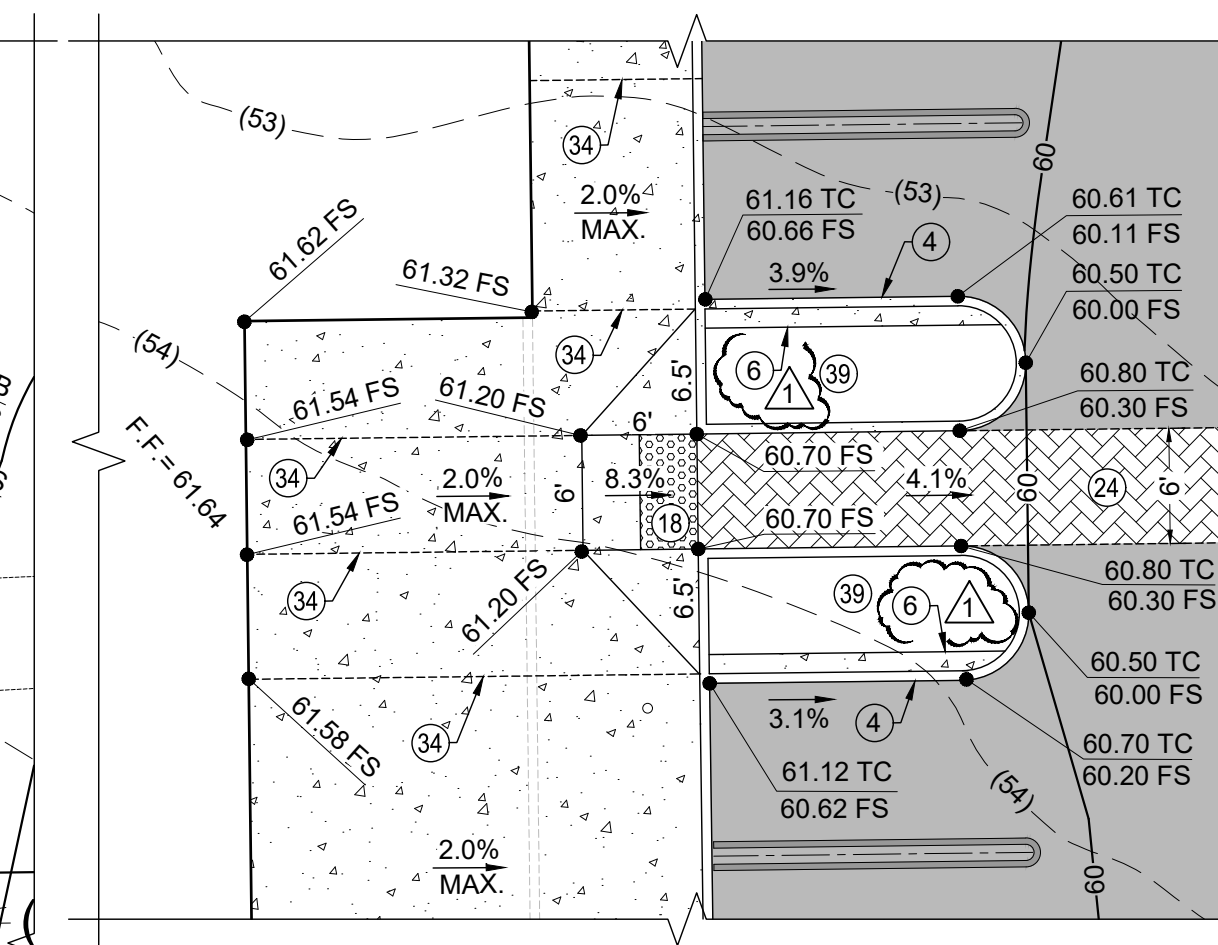
DRAWN BY: TRLS DATE: 09-04-2024	PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT CIVIC CENTER DEVELOPMENT PHASE 1 9535 SHEEP CREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10 & 3066-251-18)	SCALE: AS SHOWN
DESIGNED BY: TER DATE:		SHEET 13 OF 25
APPROVED BY: DATE:	SECTIONS	SHEET GS-4

- GRAD-2021-00235
- PRAA-2021-00040
- DRNSTY-2021-00054

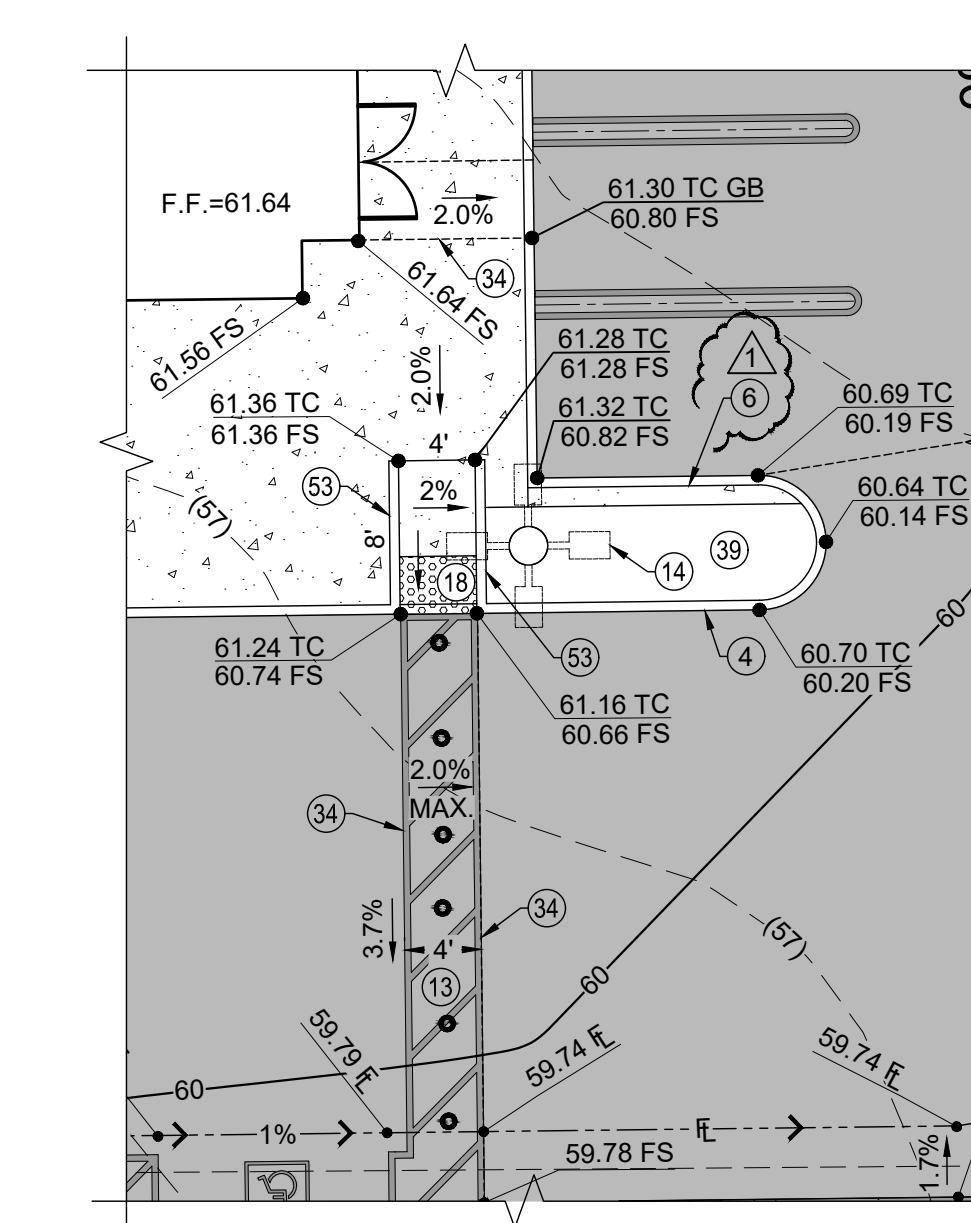
- SIP-2021-00031
- NEWNR-2021-00230
- WQMP-2021-00153



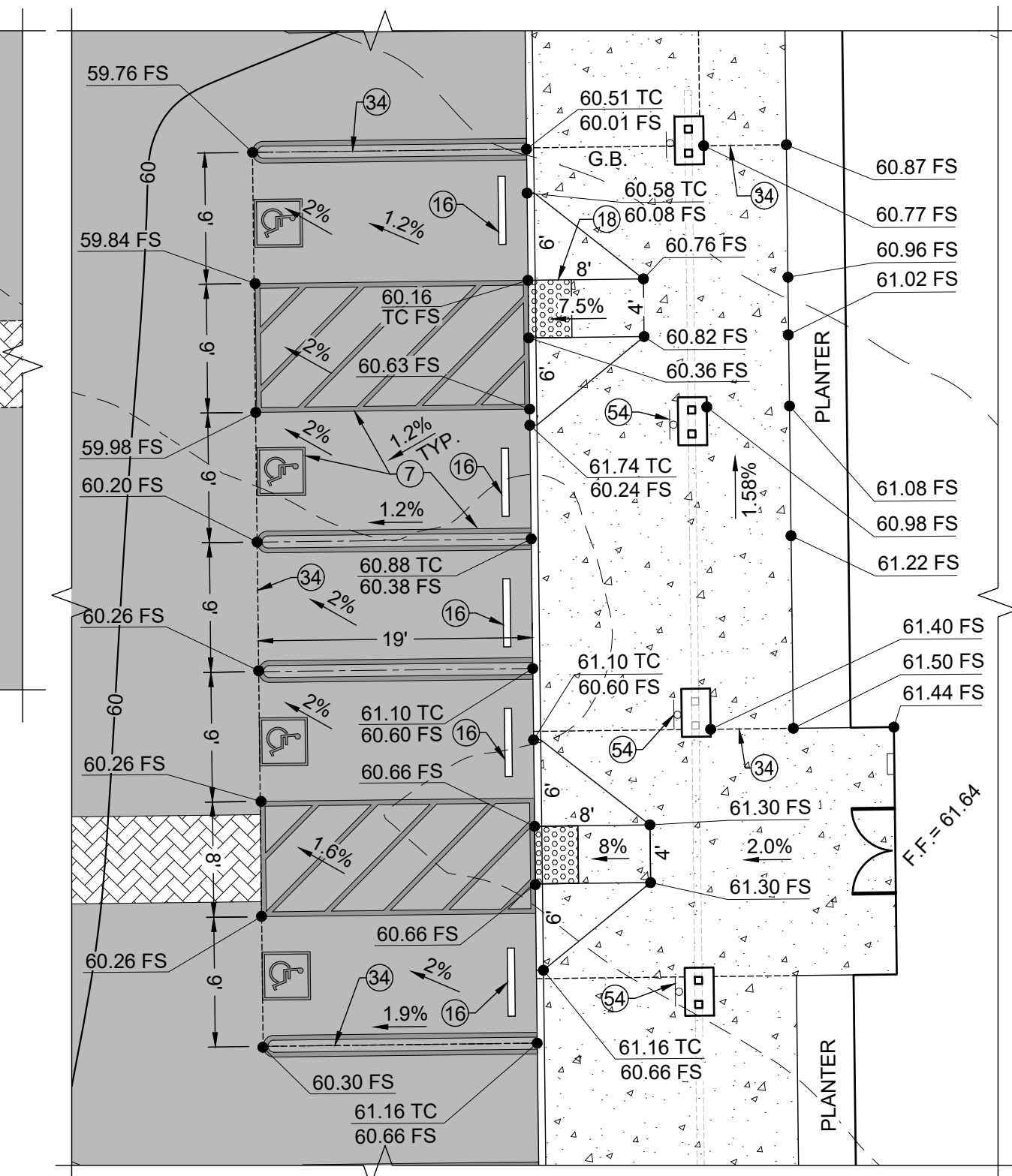
ENLARGED PLAN 'D'
SCALE: 1"=10'



ENLARGED PLAN 'B'
SCALE: 1"=10'



ENLARGED PLAN 'C'
SCALE: 1"=10'

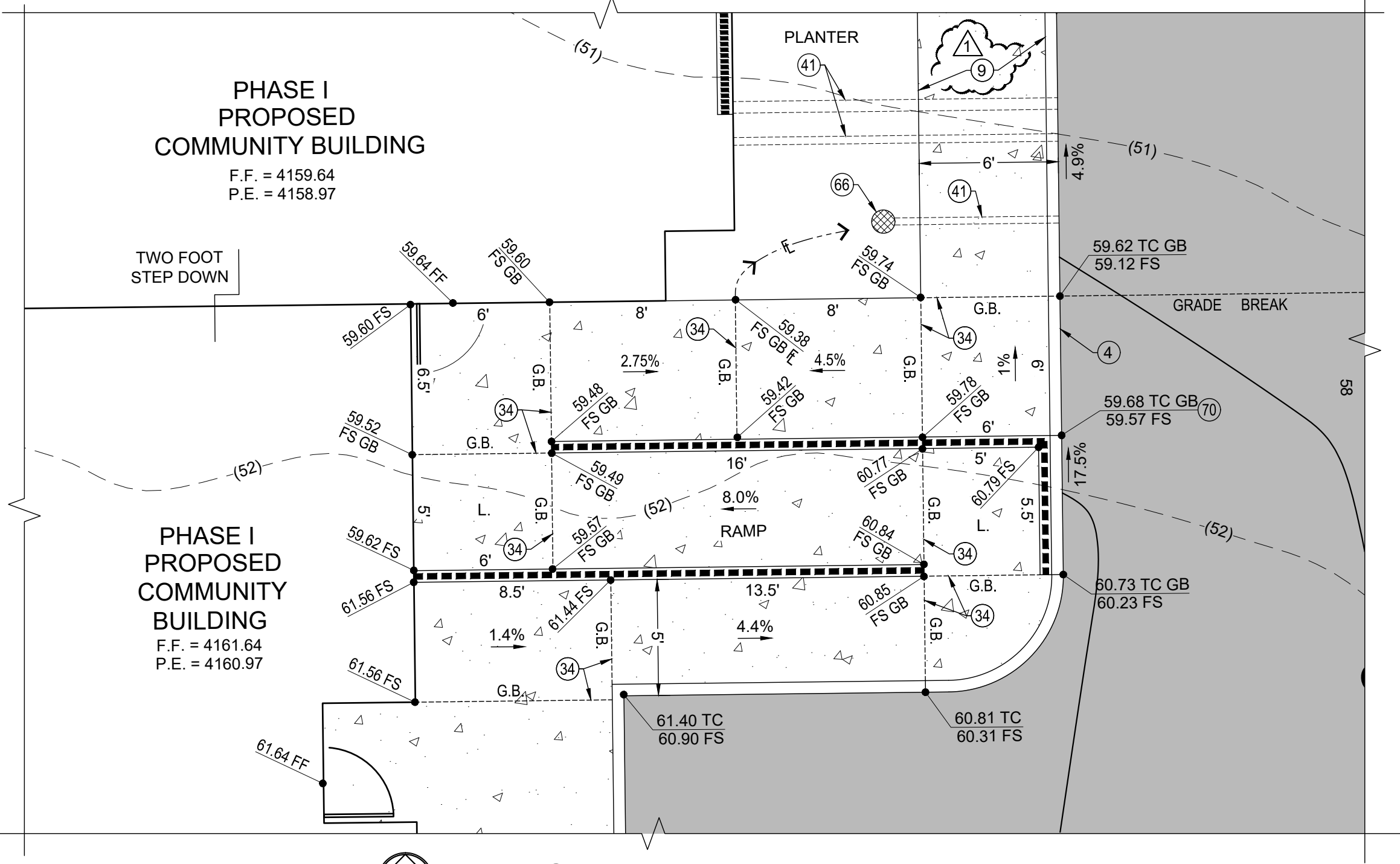


ENLARGED PLAN 'A'
SCALE: 1"=10'

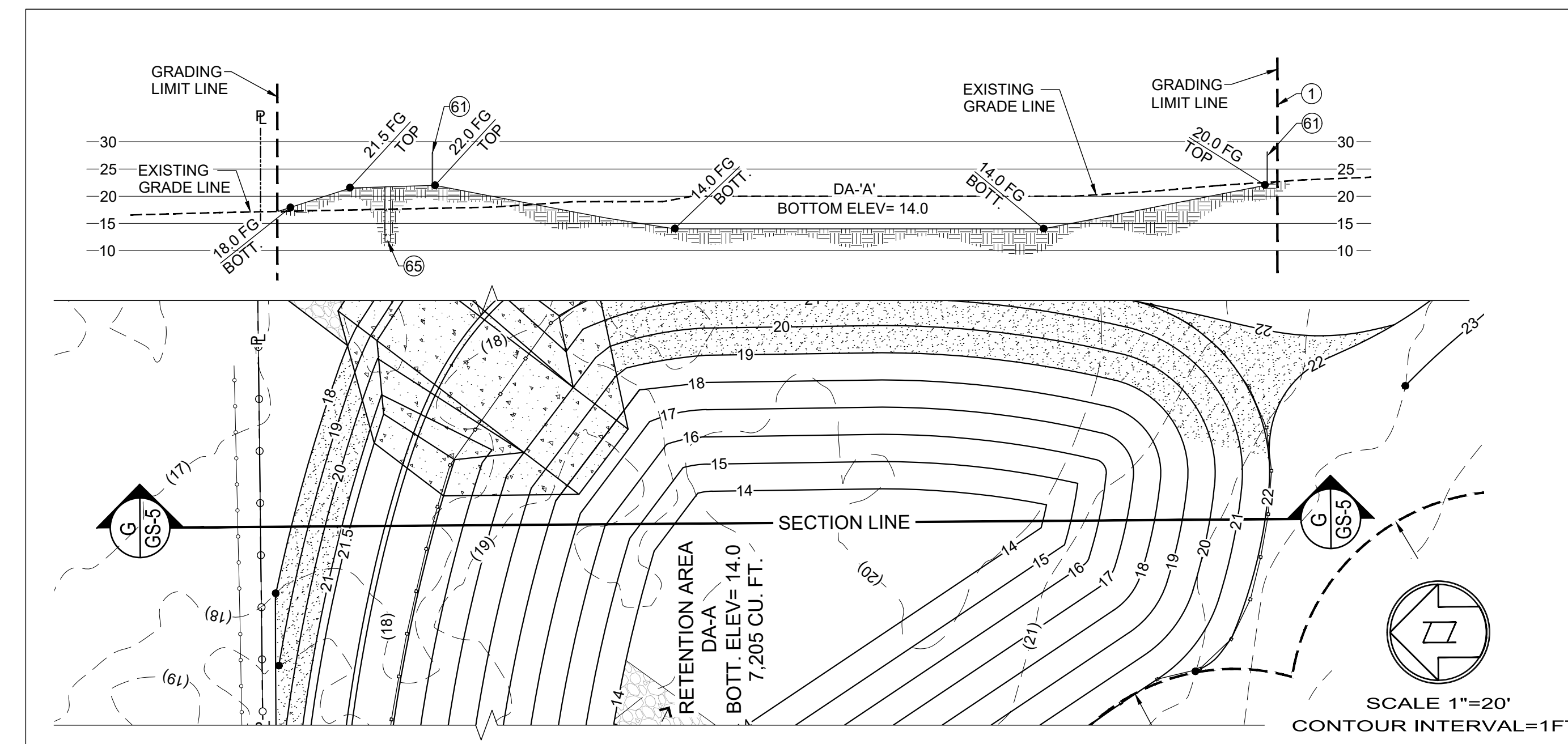
CONSTRUCTION NOTES

- 1 PHASE 1 GRADING LIMITS.
- 3 MATCH EXISTING.
- 4 CONSTRUCT A1-6 HIGH CONCRETE CURB PER SPPWC STD. 120-2.
- 6 CONSTRUCT 12" WIDE CONCRETE WALK AT BACK OF CURB PER DETAIL "A" SHOWN ON SHEET G-3, ADJACENT TO ALL PARKING STALLS (TYPICAL).
- 7 INSTALL PAINT STRIPING AND SYMBOLS PER ARCHITECTURAL PLAN.
- 9 CONSTRUCT 4" THICK CONCRETE SIDEWALK TO LIMITS SHOWN. PER SBCO STD 105 TYPE 'C'. CROSS SLOPE TO BE 2.0% MAX.
- 11 CONSTRUCT 6" THICK CONCRETE PAVEMENT TO LIMITS SHOWN
- 12 CONSTRUCT 8" BLOCK RETAINING WALL TO LIMITS SHOWN.
- 13 INSTALL 4" WIDE ADA PATH OF TRAVEL WITH STRIPING TO LIMITS SHOWN (CROSS SLOPE MAX = 1.75%)
- 14 INSTALL PARKING AREA LIGHT STANDARD PER ARCHITECTURAL PLAN.
- 15 SAWCUT LINE.
- 16 INSTALL 4" LONG CONCRETE WHEEL STOP. REFER TO ARCHITECTURAL PLAN.
- 17 INSTALL 4" AC PAVEMENT OVER 5" CLASS II BASE TO LIMITS SHOWN.
- 18 INSTALL TRUNCATED DOME PER ARCHITECTURAL PLAN.
- 21 PROTECT EXISTING FENCE IN PLACE.
- 24 CONSTRUCT 6" WIDE ADA PATH OF TRAVEL. DECORATIVE PAVERS PER ARCHITECTURAL PLAN.
- 32 INSTALL 6" HIGH CHAINLINK FENCE TO LIMITS SHOWN.
- 33 INSTALL 38" WIDE ELECTRICAL POWERED ROLLING GATE (REFER TO ARCHITECTURAL PLAN).
- 34 GRADE BREAK LINE.
- 37 CONSTRUCT TRASH ENCLOSURE PER ARCHITECTURAL PLANS. CONTRACTOR TO PAINT TRASH ENCLOSURE A COMBINATION OF TWO PAINT COLORS TO BE DETERMINED BY DISTRICT STAFF. PAINT IS TO BE SHERWIN WILLIAMS EMERALD EXTERIOR ACRYLIC LATEX OR APPROVED EQUAL.
- 38 INSTALL EV CHARGING STATION PEDESTAL. REFER TO ARCHITECTURAL PLAN.
- 39 PLANTER AREA. REFER TO ARCHITECTURAL PLANS FOR LANDSCAPE INFO.
- 41 UNDER SIDEWALK DRAIN.
- 42 PROTECT IN PLACE.
- 53 CONSTRUCT VARIABLE HEIGHT 0" TO 6" CURB TO LIMITS SHOWN.
- 54 INSTALL ADA PARKING SIGN PER ARCHITECTURAL PLAN.
- 61 INSTALL 6" HIGH DECORATIVE WROUGHT IRON FENCE TO LIMITS SHOWN.
- 65 CONSTRUCT 12" WIDE BASIN CORE WALL PER DETAIL THIS SHEET.
- 66 INSTALL LANDSCAPE DRAIN BOX.
- 67 REMOVE TO A DEPTH OF 2' AND CAP.
- 68 EXISTING CONCRETE STAIRS TO BE REMOVED.
- 71 2" WIDE NOSE OVER FOR PARKING.
- 72 CONSTRUCT 11.16' X 24.67' X 7" THICK CONCRETE APRON WITH #5 REBAR 18" O.C. BOTH WAYS OVER 4" CLASS II BASE.


WDID# 6B36C401591



ENLARGED PLAN 'E'
SCALE: 1"=5'



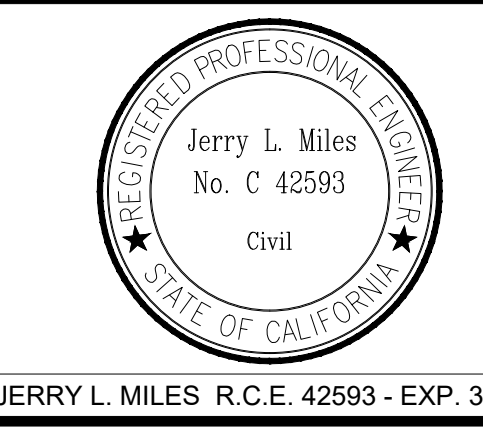
SECTION 'G'
SCALE 1"=20'
CONTOUR INTERVAL=1FT.



Know what's below.
Call before you dig.

BENCHMARK:
U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTH EAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE. 6.3 FT NORTH OF A SECTION MARKER PIPE. 0.6 FT EAST OF A WITNESS POST. ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

NO.	REVISION	DATE	BY
1	PLAN CHANGES	08/18/2025	TRLS



JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

PLANS PREPARED BY:

TRLS ENGINEERING Inc.

Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
TER	TER		

RECOMMENDED/APPROVED BY:	ASST. DIRECTOR OF PUBLIC WORKS
LAND DEVELOPMENT ENGINEER	

DATE	DATE

DRAWN BY:	TER	DATE:	09-04-2024
DESIGNED BY: <td>TER</td> <td>DATE:</td> <td></td>	TER	DATE:	

APPROVED BY:	DATE:

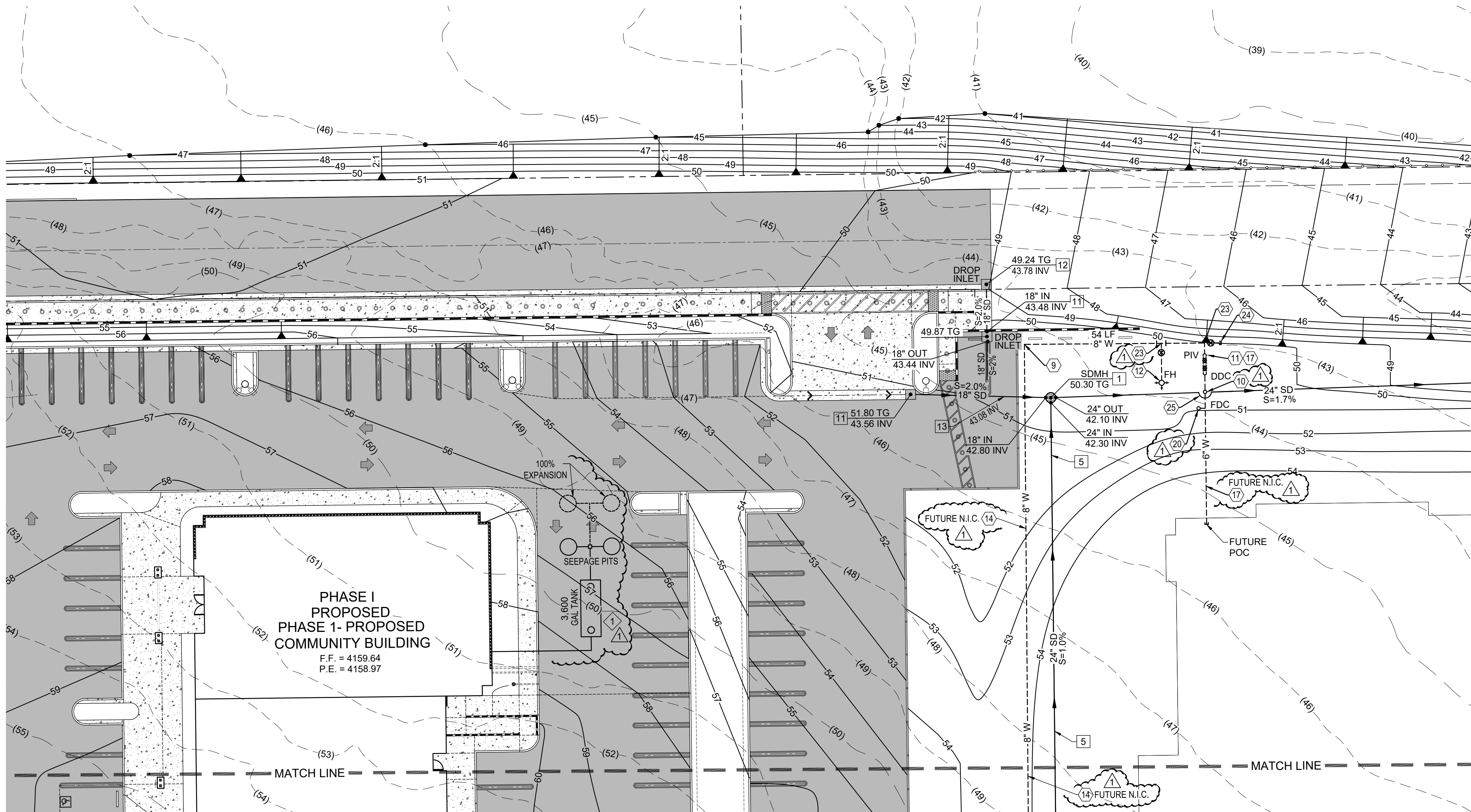
PHELAN PINON HILLS
COMMUNITY SERVICES DISTRICT
CIVIC CENTER DEVELOPMENT
PHASE 1
9535 SHEEP CREEK RD. PHELAN, CA. 92329
(APN: 3066-261-10 & 3066-251-18)

ENLARGED GRADING PLANS/ SECTIONS

SCALE: AS SHOWN

SHEET 14 OF 25

SHEET GS-5



SAN BERNARDINO COUNTY FIRE DEPARTMENT
COMMUNITY SAFETY DIVISION
620 South 'E' Street
San Bernardino, CA 92415-0179
(909) 386-8400
FIRE PREVENTION STANDARD
POST INDICATOR VALVES AND FIRE DEPARTMENT CONNECTIONS

Standard Number
F-4
Revision Date:
3-22-16



SAN BERNARDINO COUNTY FIRE DEPARTMENT
COMMUNITY SAFETY DIVISION
620 South 'E' Street
San Bernardino, CA 92415-0179
(909) 386-8400
FIRE PREVENTION STANDARD
POST INDICATOR VALVES AND FIRE DEPARTMENT CONNECTIONS

Standard Number
F-4
Revision Date:
3-22-16

UTILITY NOTES- WASTE WATER

1. INSTALL SEPTIC TANK AND SEEPAGE PITS PER APPROVED PERCOLATION REPORT.

UTILITY NOTES- STORM DRAIN

1. INSTALL 5' DIA CONCRETE MANHOLE WITH 36" TRAFFIC RATED GRATE WITH FLOGARD 36" INSERT FILTER OR APPROVED EQUAL. SEE SHEET UD-1.
5. INSTALL 24" ADS N-12 ST IB PIPE PER ASTM F2648 TO THE LIMITS SHOWN.
11. INSTALL OLDCASTLE 2'-3" WIDE X 3'-3" LONG MODEL A147 CATCH BASIN INLET AND GRATE WITH FLOGARD DEBRIS BASKET AND FILTER OR APPROVED EQUAL. SEE SHEET UD-1.
12. INSTALL 2' X 3' CATCH BASIN BASES AND RISER PER OLDCASTLE UT-OGD WITH FLOGARD DEBRIS BASKET AND FILTER OR APPROVED EQUAL. SEE SHEET UD-1.
13. INSTALL 18" STORM DRAIN TEE.

UTILITY NOTES- WATER

7. INSTALL 6" PVC C900 CLASS 200 WATER PIPELINE TO LIMITS SHOWN.
9. INSTALL 45° BEND.
10. INSTALL SINGLE FIRE DEPARTMENT CONNECTION (FDC) PER SAN BERNARDINO COUNTY FIRE DEPARTMENT STD. F-4 SHEET U-2.
11. INSTALL POST INDICATOR VALVE PER SBCO FIRE DEPT. F-4 SHEET U-2.
12. INSTALL FIRE HYDRANT PER PPHCSD STDS. W-3
14. INSTALL 8" PVC C900, CLASS 200 WATER PIPELINE PER PPHCSD STDS. WITH RESTRAINED JOINTS AND FITTINGS.
17. INSTALL 6" DIA. C151/A21.51 PRESSURE CLASS 200 WATER PIPELINE WITH RESTRAINED JOINTS PER PPHCSD STDS. TO LIMITS SHOWN.
20. INSTALL BLOWOFF FIRE HYDRANT PER PPHCSD STD. W-4.
22. POINT OF CONNECTION. REMOVE EXISTING END CAP AND THRUST BLOCK AND CONNECT TO EXISTING 8" WATER PIPELINE.
23. INSTALL 8" X8" X 6" TEE.
24. INSTALL 8" VALVE WITH 5 LF OF 8" WATER LINE WITH END CAP. END OF WATER PIPELINE CONSTRUCTION PHASE 1.
25. PROPOSED UTILITY CROSSING. (WATER MAIN TO MAINTAIN A CLEARANCE OF 12" MIN. ABOVE STORM DRAIN).

EXISTING SYSTEMS

- 1) When additions or upgrades are made to existing buildings with automatic sprinkler systems, the PIVs and FDCs shall conform to this standard when required by the fire code official.
2) Existing breakaway caps on Fire Department Connections shall be replaced with threaded plugs and chains when deemed necessary by the fire code official.
3) Existing Fire Department Connections that are vandalized or removed shall comply with this standard when replaced.

DIAGRAM F-4-1: PIV AND FDC PROTECTION

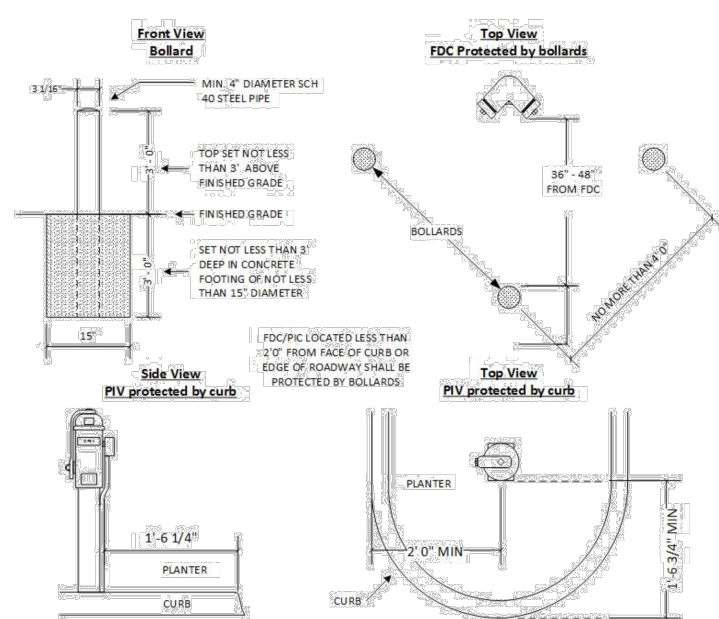
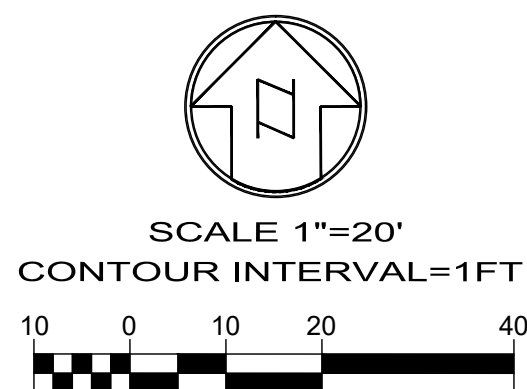
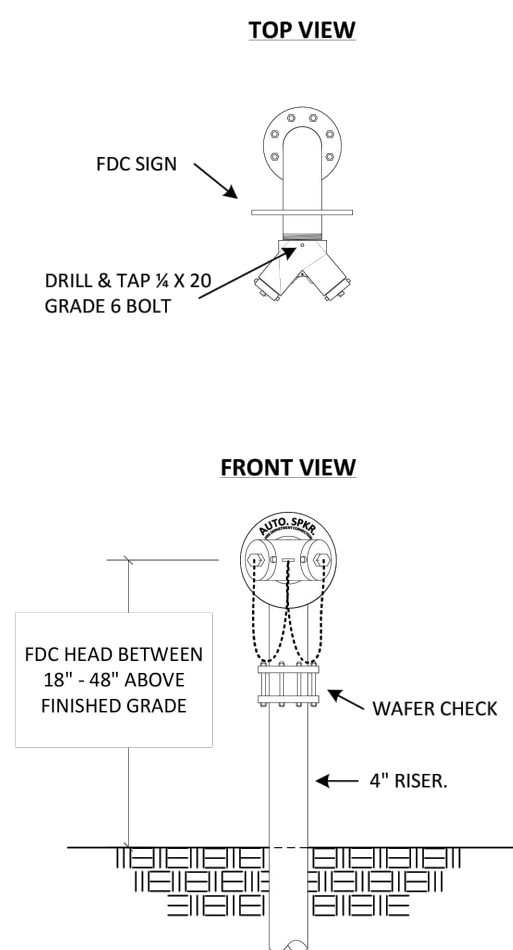


DIAGRAM F-4-2: SINGLE 4" X 2 1/2" X 2 1/2" FDC DETAIL



WDID# 6B36C401591

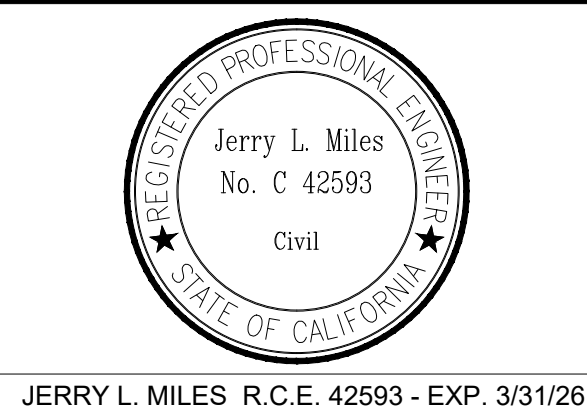


Know what's below.
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ELEV= 3613.45'

NO.	REVISION	DATE	BY
1	PLAN CHANGES	08/18/2025	TRLs



JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

PLANS PREPARED BY:

TRLs ENGINEERING Inc.

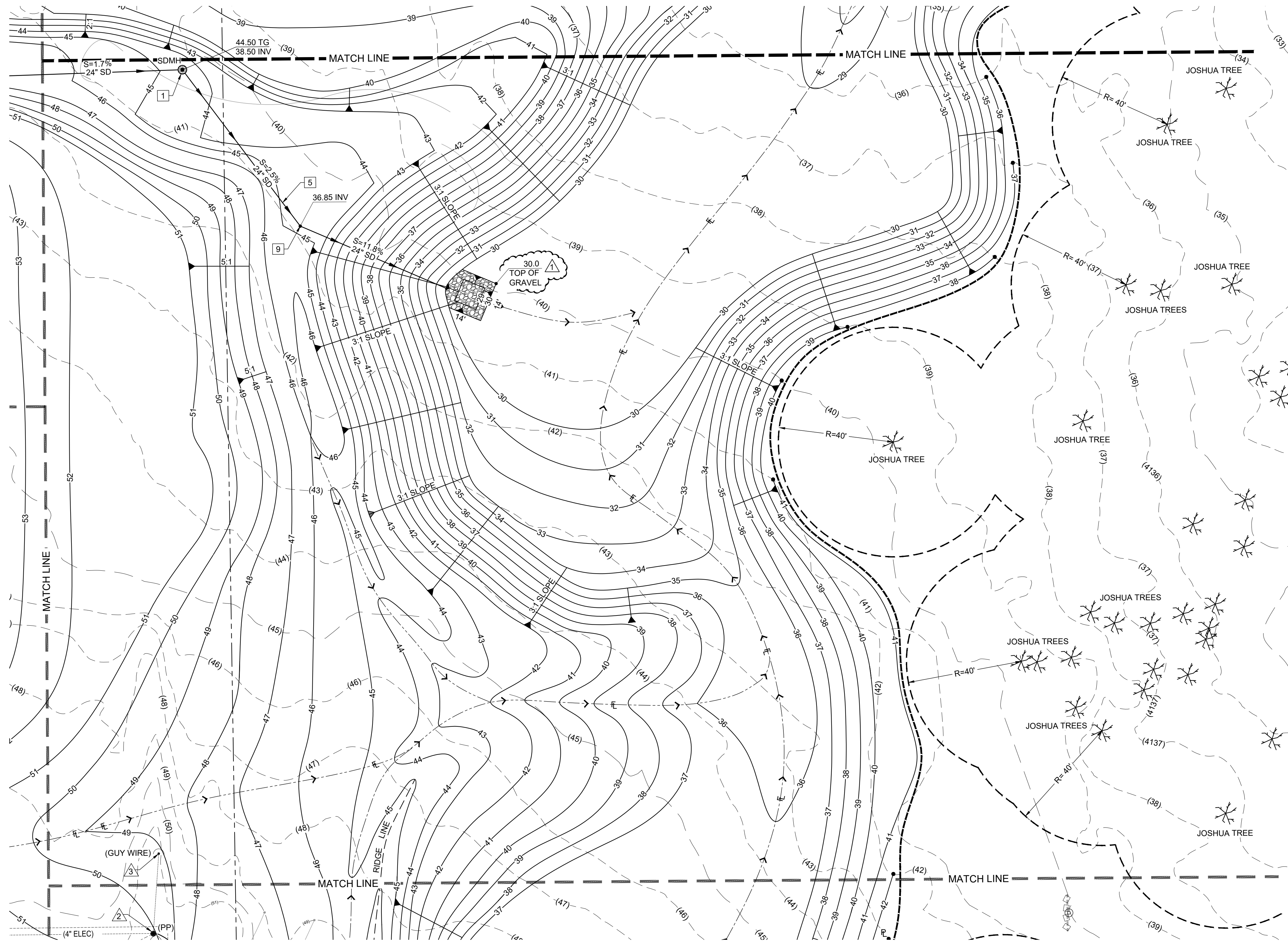
Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER	DRAWN BY: TER	CHECKED BY:	APPROVED BY:
RECOMMENDED/APPROVED BY:	ASST. DIRECTOR OF PUBLIC WORKS	DIRECTOR OF PUBLIC WORKS	
LAND DEVELOPMENT ENGINEER	DATE	DATE	DATE

- GRAD-2021-00235
- PRAA-2021-00040
- DRNSTY-2021-00054
- SIP-2021-00031
- NEWNR-2021-00230
- WQMP-2021-00153

DRAWN BY: TRLs DATE: 09-04-2024	PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT CIVIC CENTER DEVELOPMENT PHASE 1 9535 SHEEP CREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10 & 3066-251-18)	SCALE: AS SHOWN
DESIGNED BY: TER DATE:		SHEET 16 OF 25
APPROVED BY: DATE:	UTILITY PLAN	SHEET U-2

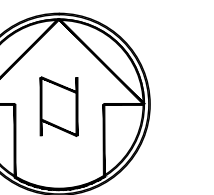


UTILITY NOTES- STORM DRAIN

- 1 INSTALL 5' DIA CONCRETE MANHOLE WITH 36" TRAFFIC RATED GRATE WITH FLOGARD 36" INSERT FILTER OR APPROVED EQUAL. SEE SHEET UD-1.
- 5 INSTALL 24" ADS N-12 ST 1B PIPE PER ASTM F2648 TO THE LIMITS SHOWN.
- 9 INSTALL 45" BEND.

UTILITY NOTES- ELECTRICAL

- △ PROPOSED UNDERGROUND SCE BY OTHERS.
- △ EXISTING POWER POLE TO BE REMOVED BY OTHERS.
- △ EXISTING GUY WIRE ANCHOR TO BE REMOVED BY OTHERS.



SCALE 1"=20'
CONTOUR INTERVAL=1FT.

WDID# 6B36C401591

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1	PLAN CHANGES	08/18/2025	TRLs
NO.	REVISION	DATE	BY



JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

PLANS PREPARED BY:

TRLs ENGINEERING Inc.

Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER	DRAWN BY: TER	CHECKED BY:	APPROVED BY:
RECOMMENDED/APPROVED BY:	ASST. DIRECTOR OF PUBLIC WORKS	DIRECTOR OF PUBLIC WORKS	
LAND DEVELOPMENT ENGINEER	DATE	DATE	DATE

<ul style="list-style-type: none"> GRAD-2021-00235 PRAA-2021-00040 DRNSTY-2021-00054 	<ul style="list-style-type: none"> SIP-2021-00031 NEWNR-2021-00230 WQMP-2021-00153
DRAWN BY: TRLs DATE: 09-04-2024 DESIGNED BY: TER DATE: APPROVED BY: DATE:	PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT CIVIC CENTER DEVELOPMENT PHASE 1 9535 SHEEP CREEK RD. PHELAN, CA. 92329 (APN: 3066-261-10 & 3066-251-18) UTILITY PLAN
SCALE: AS SHOWN SHEET 18 OF 25 SHEET U-4	



Know what's below.
Call before you dig.

EROSION CONTROL CONSTRUCTION NOTES

- (A) INSTALL FIBER ROLLS PER CASQA DETAIL SE-5, DRAWING E2.
- (B) CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE/EXIT PER CASQA DETAIL TC-1, DRAWING E-2.
- (C) CONSTRUCT CONCRETE WASHOUT PER CASQA DETAIL WM-8, DRAWING E-2.
- (D) INSTALL SILT FENCE PER CASQA DETAIL SE-1, DRAWING E-2.
- (E) INSTALL SANDBAG BARRIER PER CASQA DETAIL SE-8, DRAWING E-2.
- (F) CONTRACTOR TO PROVIDE DUST CONTROL ON A DAILY BASIS BY WATERING.
- (G) PROVIDE STREET SWEEPING PER CASQA DETAIL SE-7 DRAWING E-5.
- (H) CONTRACTOR TO INSTALL BONDED FIBER MATRIX TO ALL UNDEVELOPED AREAS UPON COMPLETION OF GRADING PER SECTION 21-2.02J OF THE 2022 CALTRANS STANDARD SPECIFICATIONS- SEE THIS SHEET.

CALTRANS STANDARD SPECIFICATION

21-2.02J Bonded Fiber Matrix

Bonded fiber matrix must be a hydraulically-applied material composed of fiber and tackifier and may also include seed and fertilizer as shown.

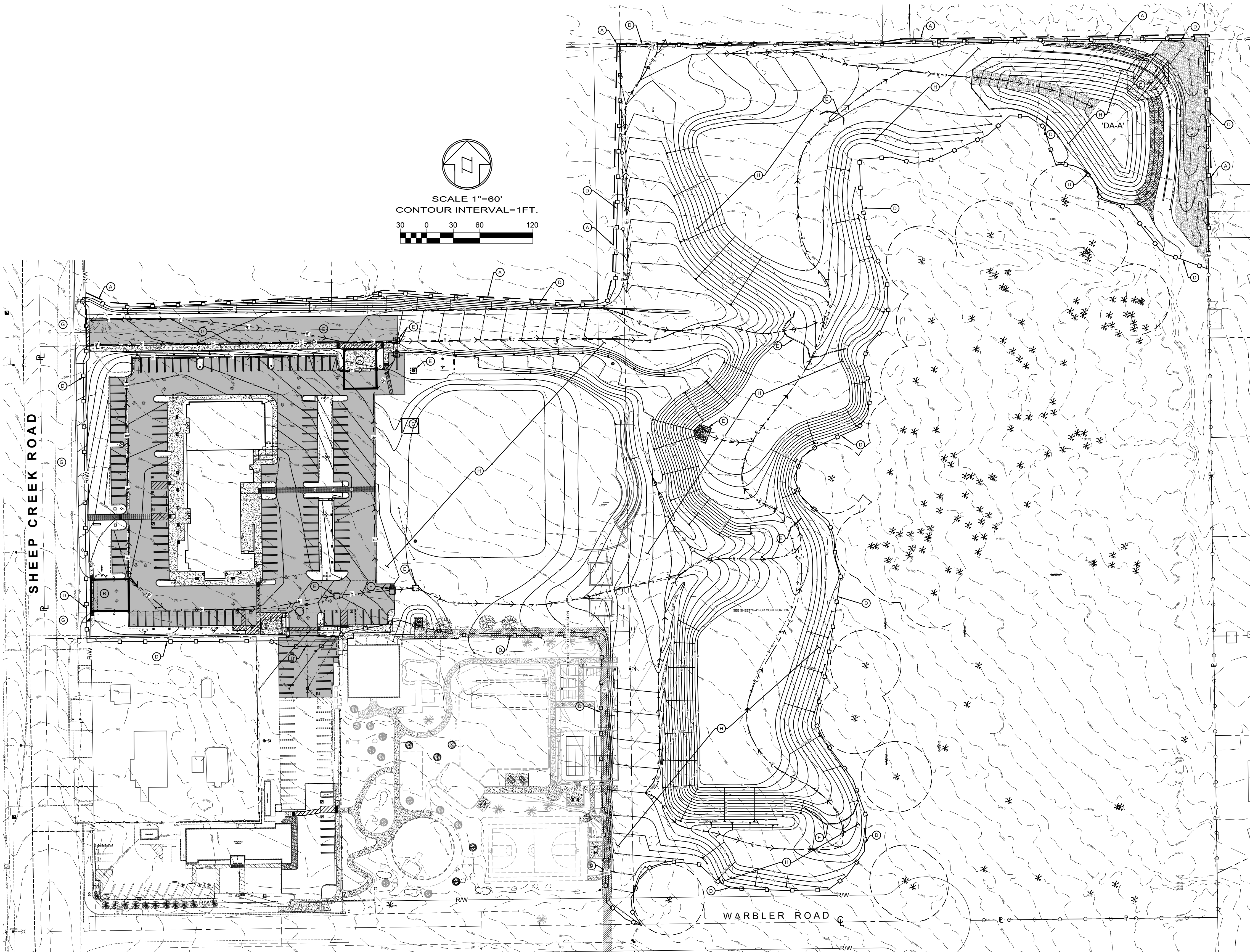
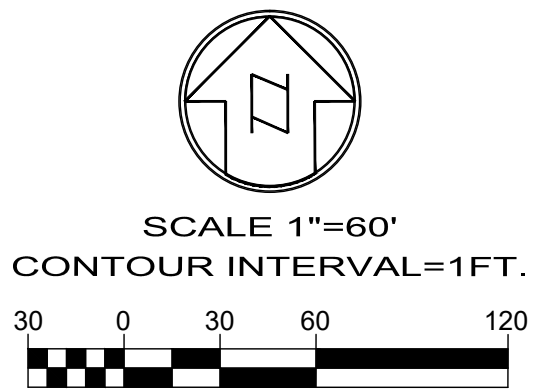
Fiber for bonded fiber matrix must be 100 percent wood fiber and comply with the specifications for fiber under section 21-2.02D, except that at least 50 percent is retained when passed through a no. 25 sieve.

Tackifier for bonded fiber matrix must:

- Be bonded to the fiber or prepackaged with the fiber by the manufacturer
- Contain a minimum of 10 percent of the combined weight of the dry fiber, activating agents, and additives
- Be an organic, high viscosity colloidal polysaccharide with activating agents or a blended hydrocolloid-based binder

COUNTY OF SAN BERNARDINO
- EROSION CONTROL NOTES

- IN CASE OF EMERGENCY, CALL PHELAN PINON HILLS COMMUNITY SERVICES DISTRICT AT (760) 868-1212.
- POLLUTION AND EROSION PREVENTION MEASURES, ALSO KNOWN AS BEST MANAGEMENT PRACTICES (BMP'S), MUST BE INSTALLED PRIOR TO GRADING. THESE MEASURES, INCLUDING THE PREVENTION OF SEDIMENTATION OR FLOOD DAMAGE, TO OFFSITE PROPERTY SHALL BE ADEQUATE WHETHER OR NOT AN EROSION CONTROL PERMIT IS REQUIRED.
- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ONSITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
- EROSION CONTROL DEVICES SHALL BE FUNCTIONING AT ALL TIMES. IN CASE OF FAILURE, RAPID CONSTRUCTION OF EMERGENCY DEVICES SHALL BE IMPLEMENTED.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE MUST BE CONTAINED ONSITE. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ONSITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- DEVELOPERS/ CONTRACTORS ARE RESPONSIBLE TO ENSURE ALL EROSION CONTROL DEVICES AND BMP'S ARE INSTALLED AND FUNCTIONING PROPERLY PER PLAN. PROPER PRECAUTION SHALL BE CONSIDERED WHEN 50% OR GREATER PROBABILITY OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.
- TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
- ALL STORM WATER CAPTURE DEVICES SHALL BE PROTECTED AT ALL TIMES.



WDID# 6B36C401591

- GRAD-2021-00235
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- DRNSTY-2021-00054
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- NEWNR-2021-00230
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DRAWN BY:
TERLS
DATE:
09-04-2024

DESIGNED BY:
TER
DATE:

APPROVED BY:
DATE:

PHELAN PINON HILLS
COMMUNITY SERVICES DISTRICT
CIVIC CENTER DEVELOPMENT
PHASE 1
9535 SHEEP CREEK RD. PHELAN, CA. 92329
(APN: 3066-261-10 & 3066-251-18)

SCALE:
AS SHOWN

SHEET
21 OF 25

SHEET
E-1

EROSION CONTROL PLAN

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: TER
DRAWN BY: TER
CHECKED BY:

APPROVED BY:

RECOMMENDED/APPROVED BY:

ASST. DIRECTOR OF PUBLIC WORKS

LAND DEVELOPMENT ENGINEER

DIRECTOR OF PUBLIC WORKS

PLANS PREPARED BY:

TERLS ENGINEERING Inc.

Bid Set - PPHCSD Civic Center Phase 1 -
Civil Plans



JERRY L. MILES R.C.E. 42593 - EXP. 3/31/26

BENCHMARK:

U.S.G.S. BENCHMARK H 35, LOCATED 3.0 MI NORTH ALONG JOHNSON RD. FROM THE INTERSECTION OF PHELAN RD. 49 FT NORTHEAST OF THE CENTER OF THE INTERSECTION OF DUNCAN RD. 34 FT EAST OF THE CENTER LINE OF JOHNSON RD. 32.5 FT NORTH OF THE CENTER LINE DUNCAN RD. 6.6 FT WEST OF A FENCE. 6.3 FT NORTH OF A SECTION MARKER PIPE. 0.6 FT EAST OF A WITNESS POST. ABOUT 1 FT HIGHER THAN THE ROAD AND SET IN THE TOP OF A CONCRETE POST PROJECTING 0.4 FT ABOVE THE GROUND.
ELEV= 3613.45'

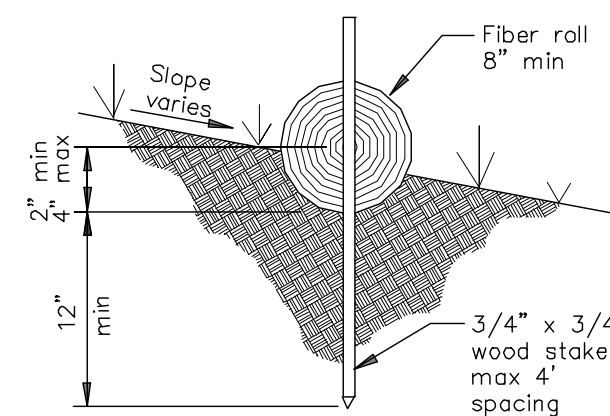
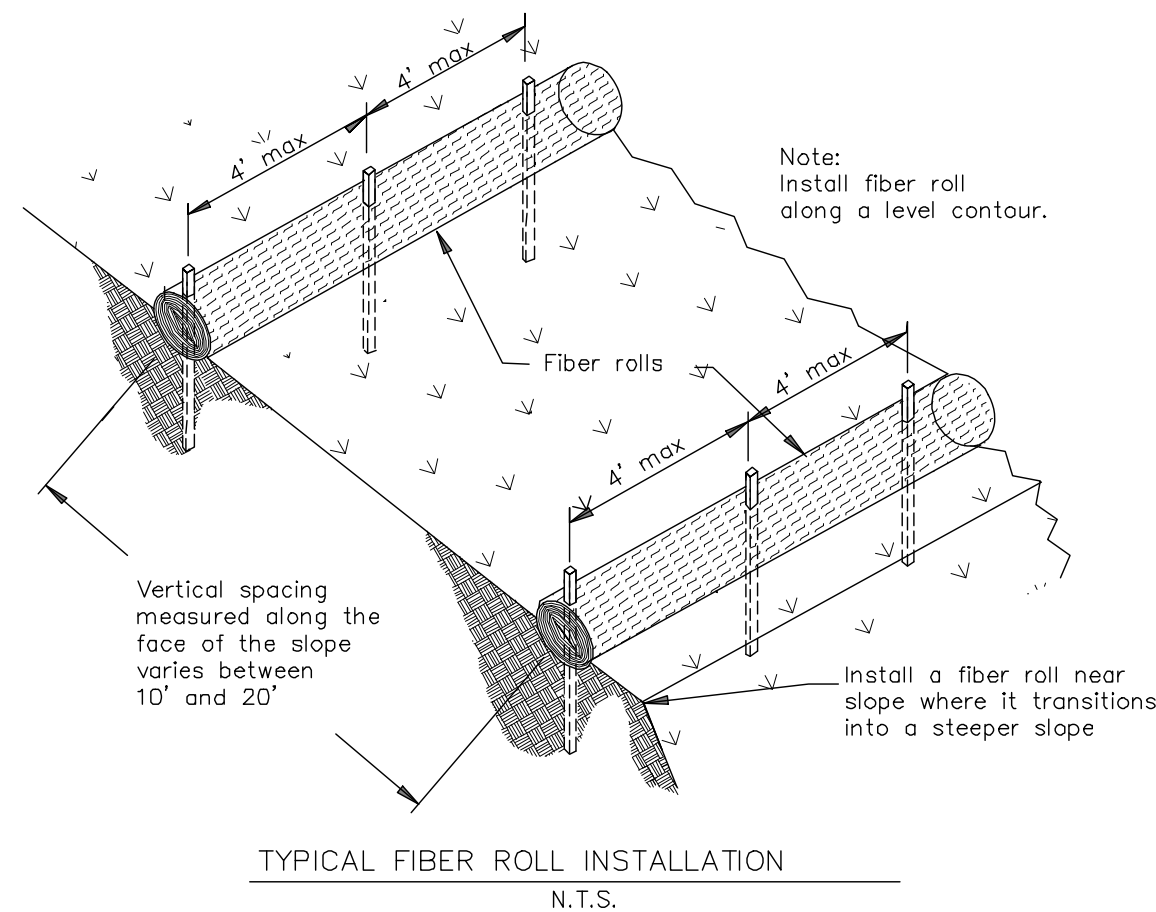


Know what's below.
Call before you dig.

NO. REVISION DATE BY

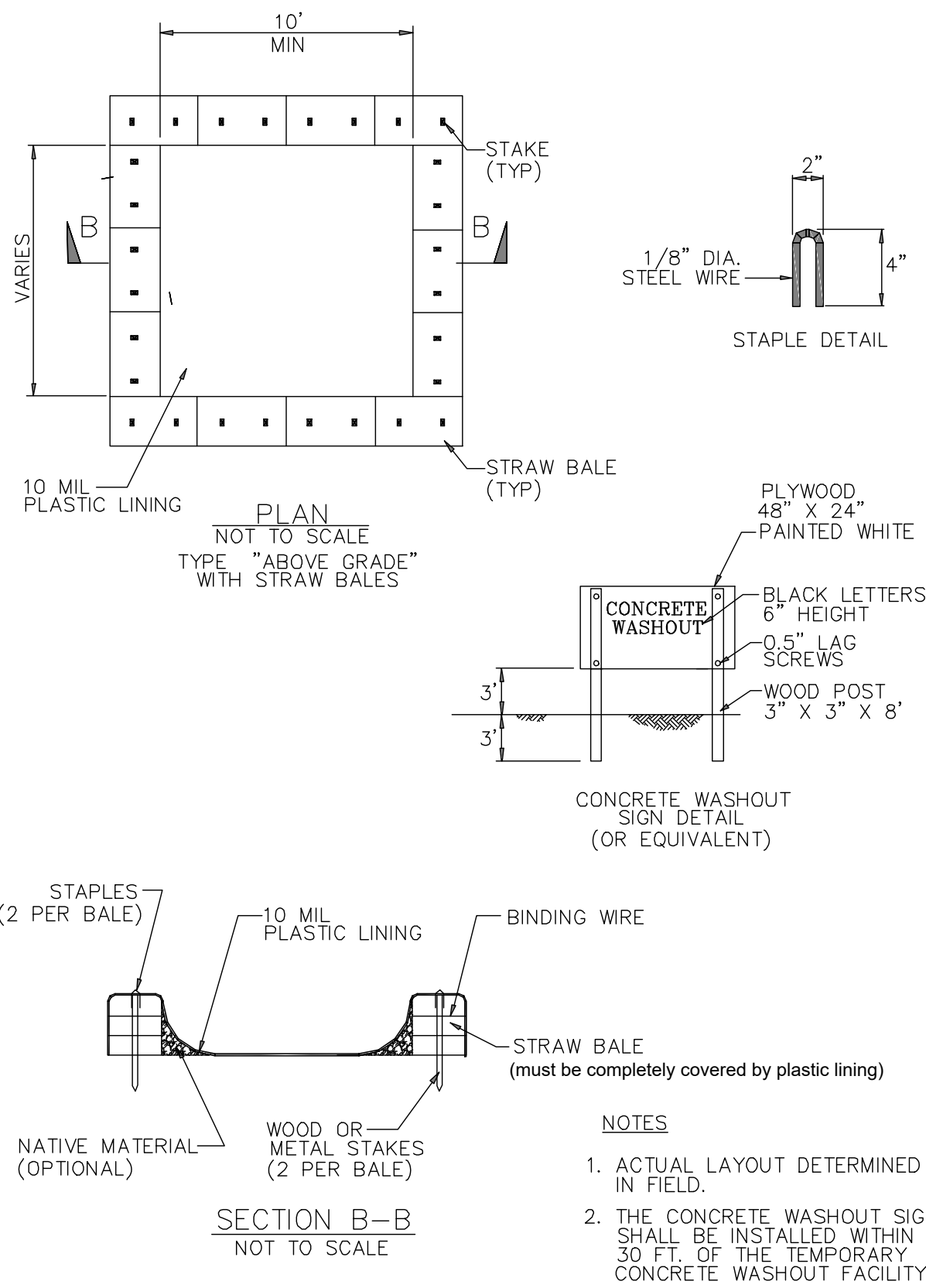
Fiber Rolls

SE-5



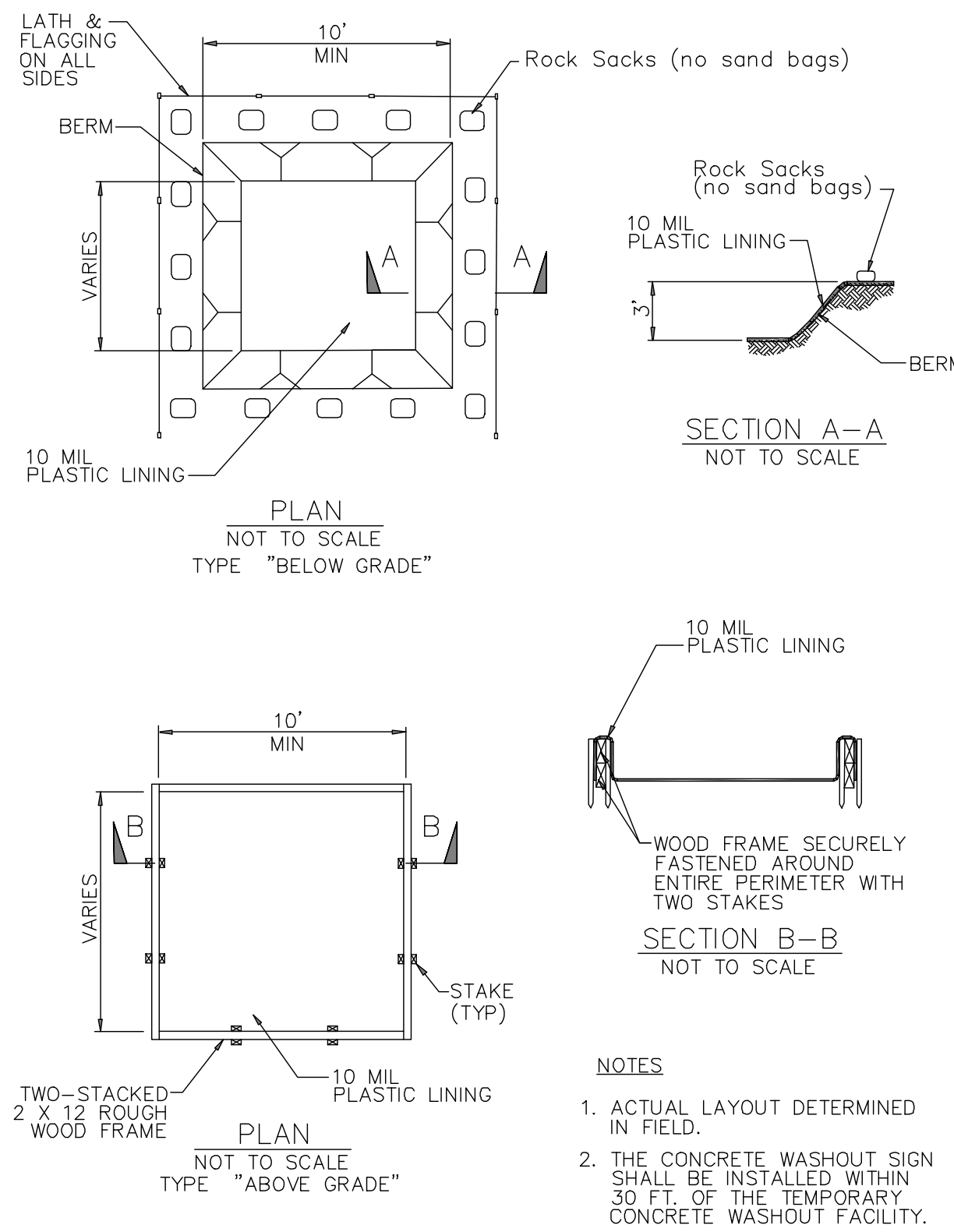
NOTES:
If more than one fiber roll is placed in a row, the rolls must be overlapped, not abutted.
Turn the ends of the fiber roll up-slope to prevent runoff from going around the roll.

Concrete Waste Management WM-8



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

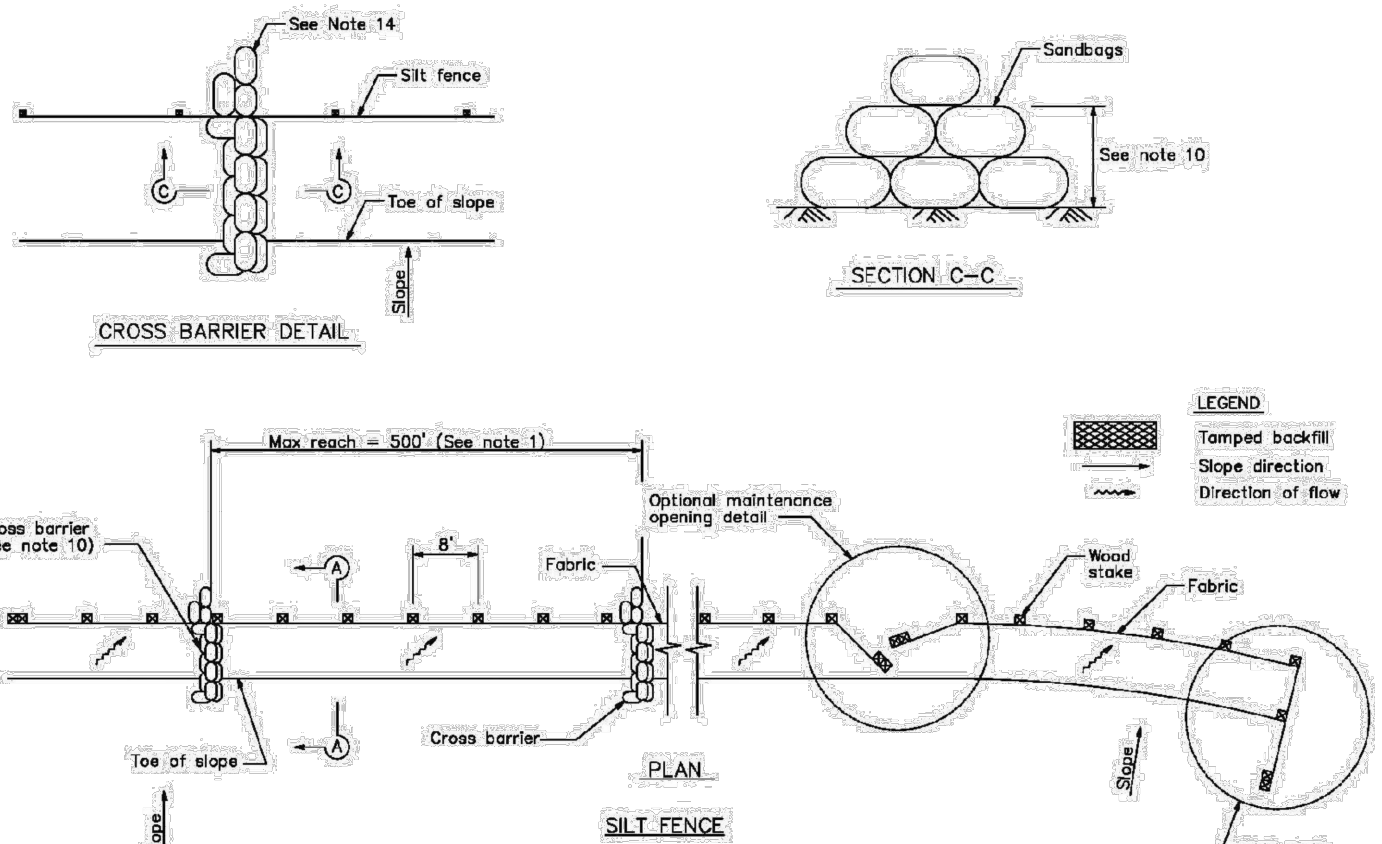
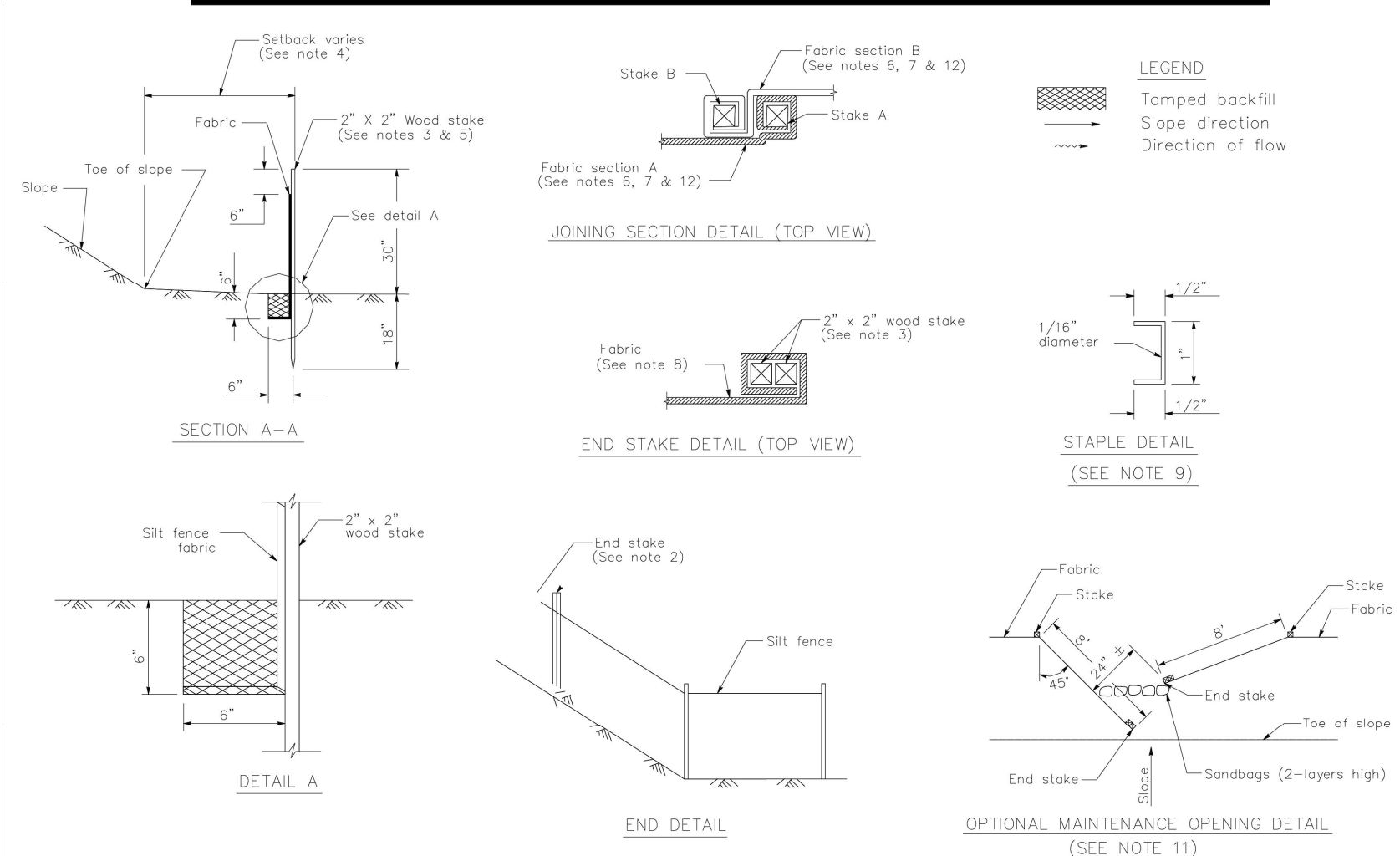
Concrete Waste Management WM-8



NOTES
1. ACTUAL LAYOUT DETERMINED IN FIELD.
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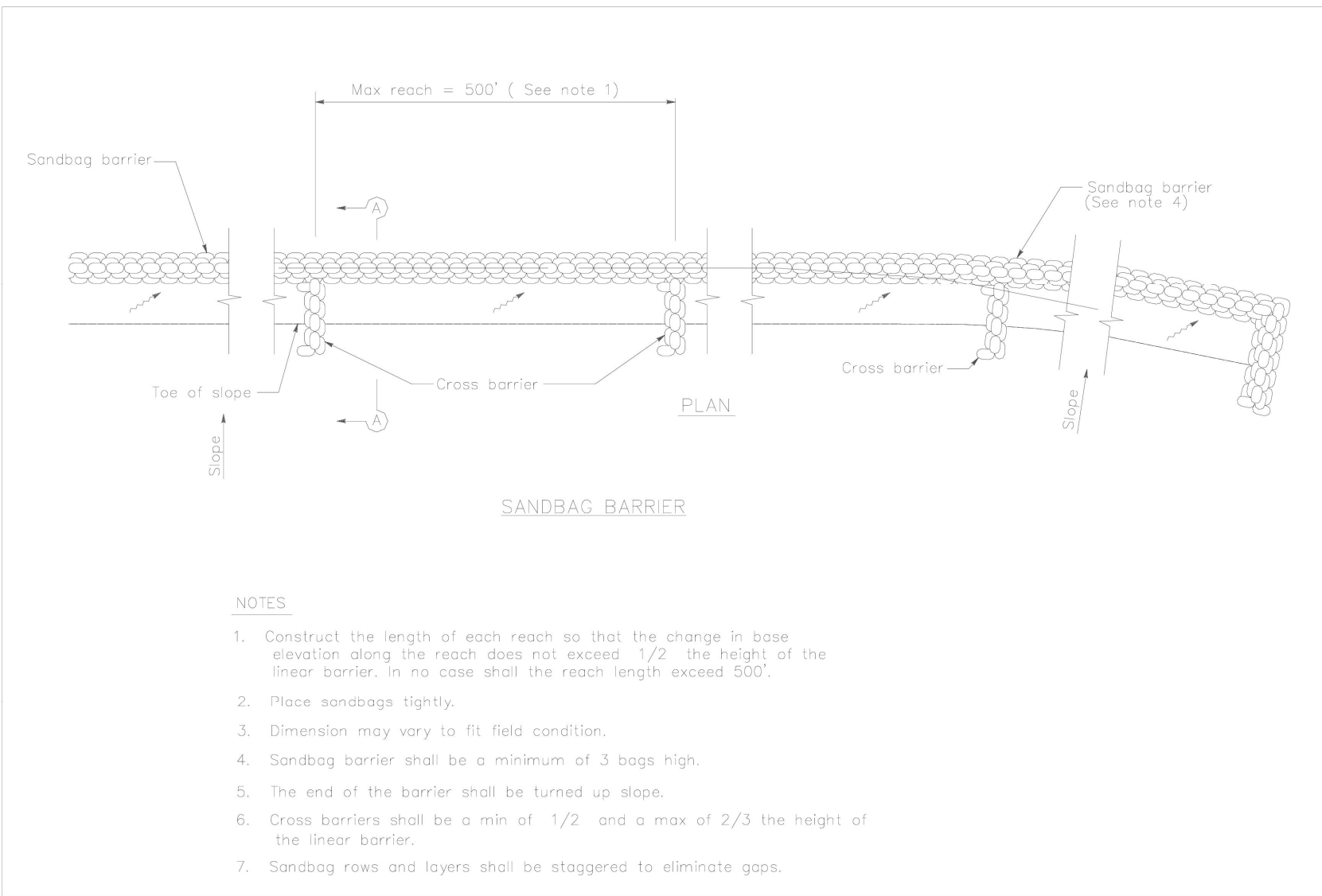
Silt Fence

SE-1

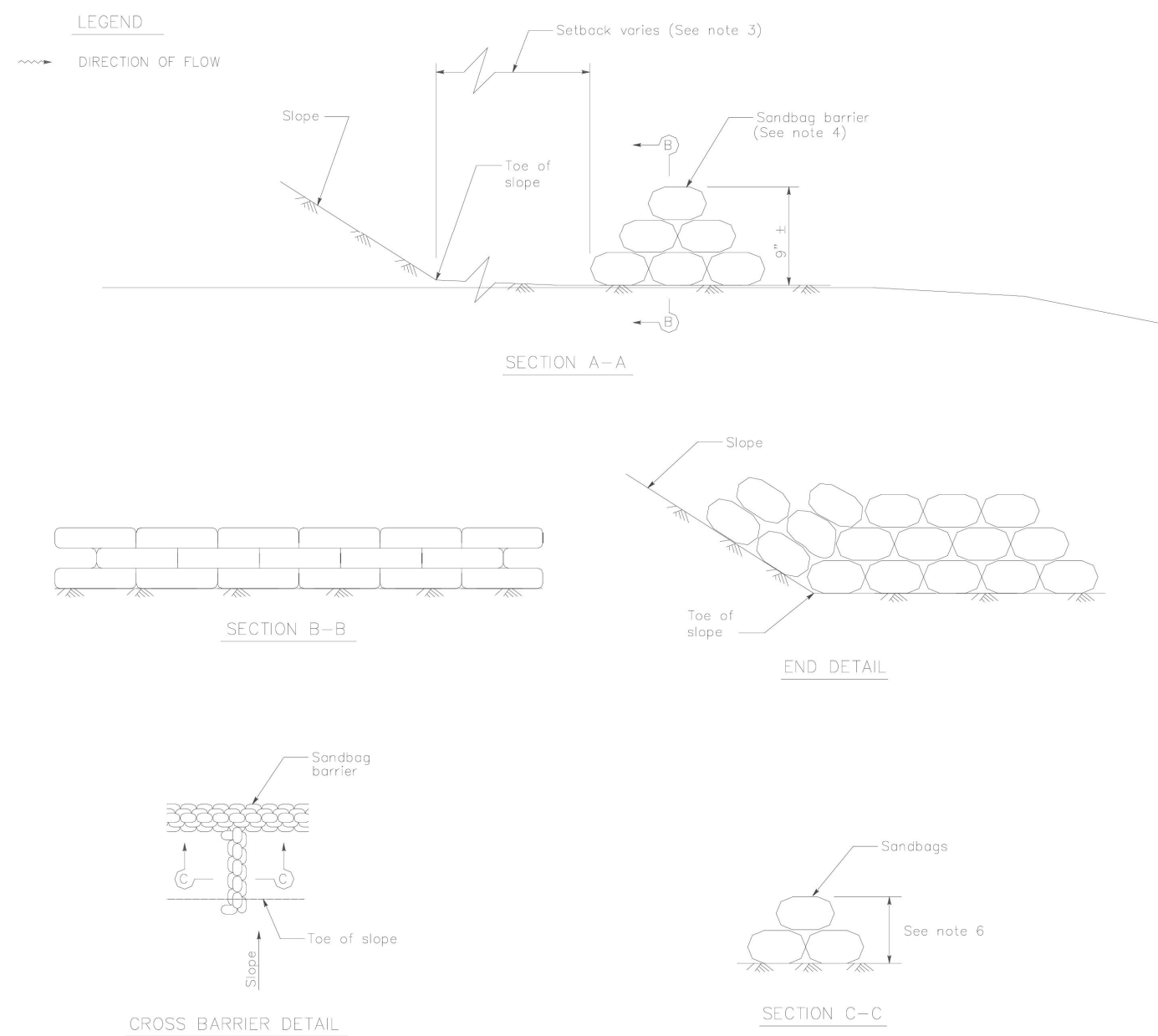


Sandbag Barrier

SE-8



NOTES
1. Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/2 the height of the linear barrier. In no case shall the reach length exceed 500'.
2. Place sandbags tightly.
3. Dimension may vary to fit field condition.
4. Sandbag barrier shall be a minimum of 3 bags high.
5. The end of the barrier shall be turned up slope.
6. Cross barriers shall be a min of 1/2 and a max of 2/3 the height of the linear barrier.
7. Sandbag rows and layers shall be staggered to eliminate gaps.



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ELEV= 3613.45'

NO.	REVISION	DATE	BY

JERRY L. MILES
R.C.E. 42593 - EXP. 3/31/26

PLANS PREPARED BY:
TRLs ENGINEERING Inc.
Bid Set - PPHCSD Civic Center Phase 1 - Civil Plans

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS
DESIGNED BY: TER
DRAWN BY: TER
CHECKED BY:
APPROVED BY:
RECOMMENDED/APPROVED BY:
LAND DEVELOPMENT ENGINEER
DATE
ASST. DIRECTOR OF PUBLIC WORKS
DIRECTOR OF PUBLIC WORKS
DATE

• GRAD-2021-00235
• PRAA-2021-00040
• DRNSTY-2021-00054
• SIP-2021-00031
• NEWNR-2021-00230
• WQMP-2021-00153
DRAWN BY: TRLS
DATE: 09-04-2024
DESIGNED BY: TER
DATE:
APPROVED BY:
DATE:
PHELAN PINON HILLS
COMMUNITY SERVICES DISTRICT
CIVIC CENTER DEVELOPMENT
PHASE 1
9535 SHEEP CREEK RD. PHELAN, CA. 92329
(APN: 3066-261-10 & 3066-251-18)
EROSION CONTROL DETAILS
SCALE: AS SHOWN
SHEET 22 OF 25
SHEET E-2

