



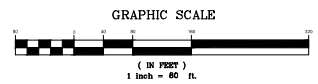
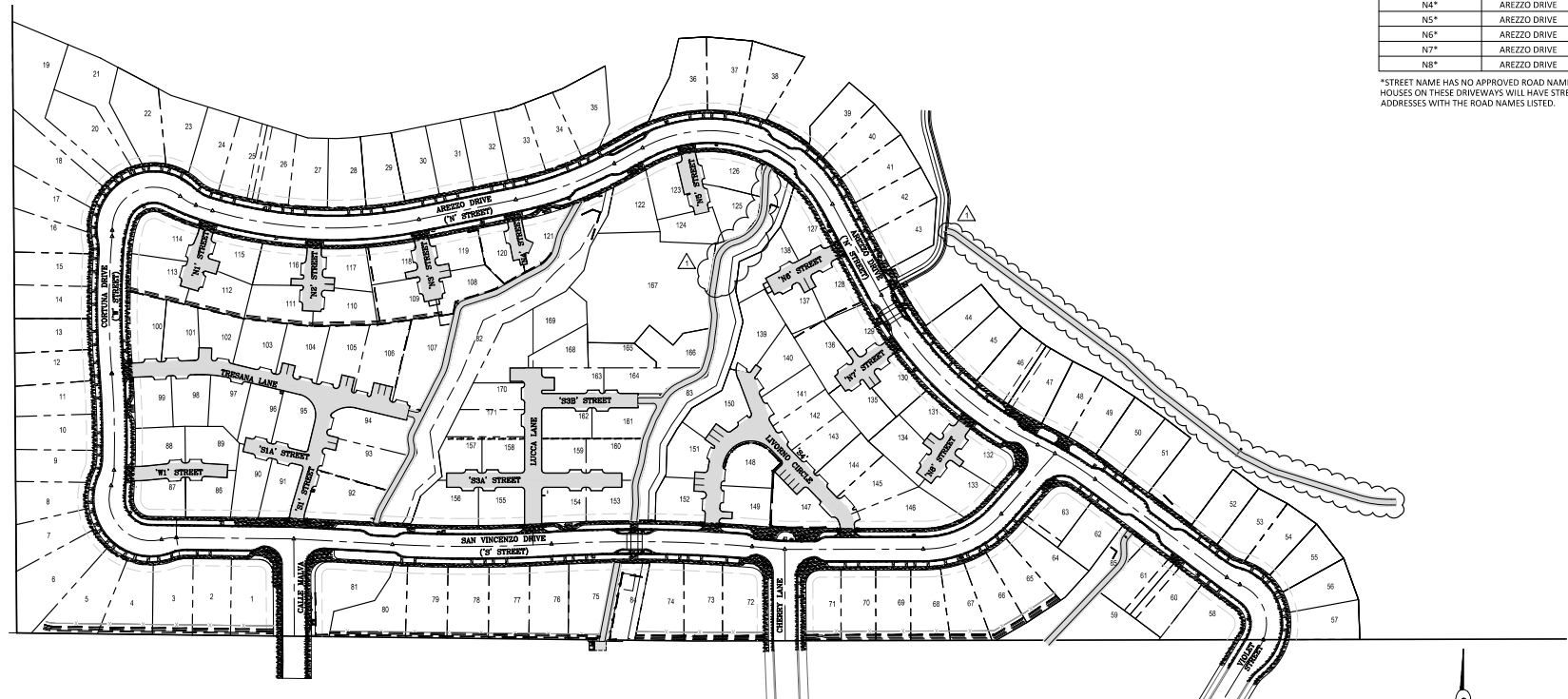
MARGARITA RANCH - TRACT 2428
STREET INDEX PLAN

PROJECT TITLE: MARGARITA RANCH - TRACT 2428
SHEET TITLE: STREET INDEX PLAN
DESIGNED BY: OZ
DRAWN BY: FP
CHECKED BY: JF
APPROVED BY:
DATE: 10/15/2019
CITY SPECIFICATION NO.:
N/A
SHEET NO. 91

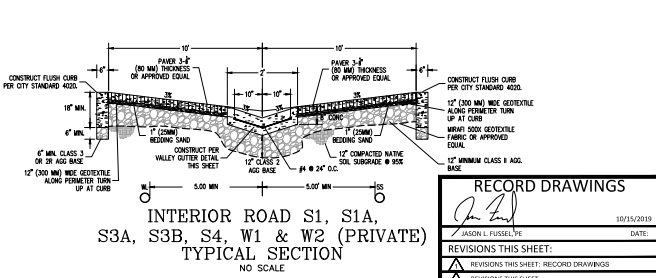
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AS NOTED	DATE
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▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:

IMPROVEMENT PLAN STREET NAME	APPROVED ROAD NAME
S	SAN VINCENZO DRIVE
S1	CALLE MALVA (PRIVATE)
S1A*	CALLE MALVA
S3	LUCCA LANE
S3A*	LUCCA LANE
S3B*	LUCCA LANE
S4	LIVORNO CIRCLE
W	CORTUNA DRIVE
W1*	CORTUNA DRIVE
W2	TRESANA LANE
N*	AREZZO DRIVE
N1*	AREZZO DRIVE
N2*	AREZZO DRIVE
N3*	AREZZO DRIVE
N4*	AREZZO DRIVE
N5*	AREZZO DRIVE
N6*	AREZZO DRIVE
N7*	AREZZO DRIVE
N8*	AREZZO DRIVE

*STREET NAME HAS NO APPROVED ROAD NAME. HOUSES ON THESE DRIVEWAYS WILL HAVE STREET ADDRESSES WITH THE ROAD NAMES LISTED.



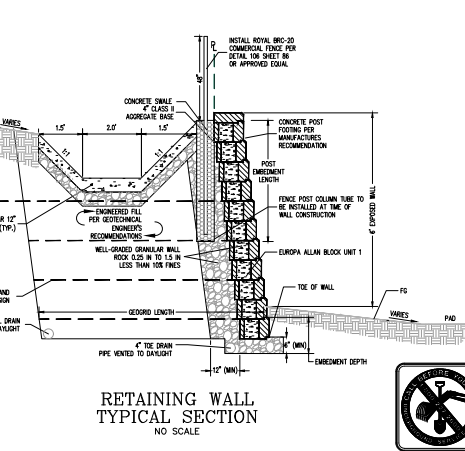
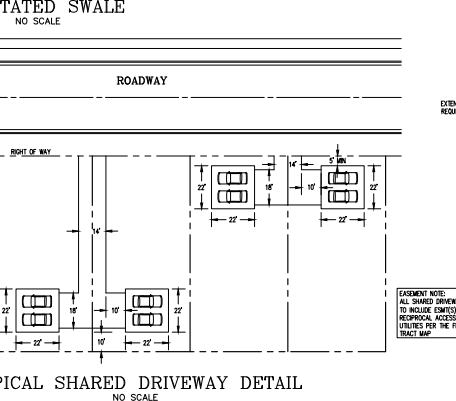
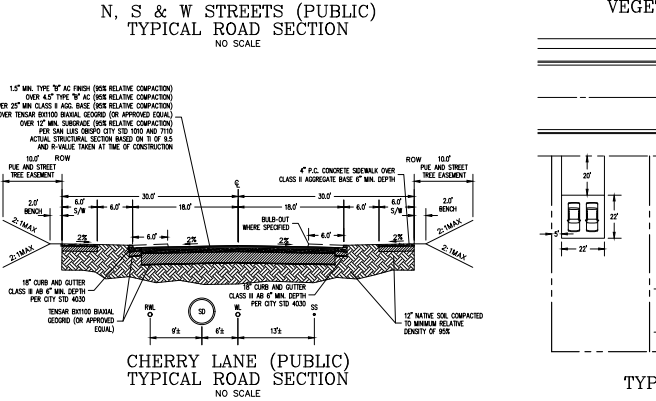
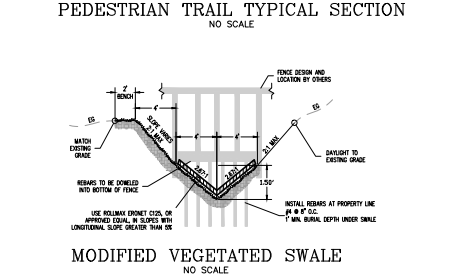
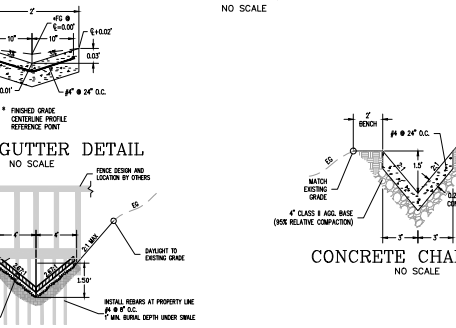
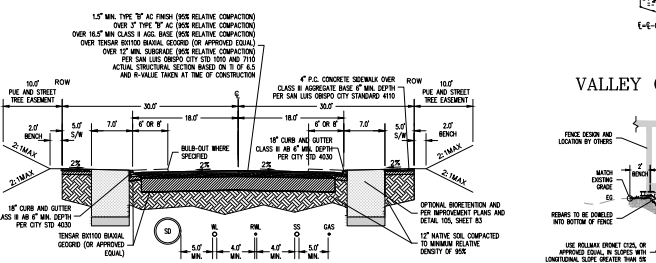
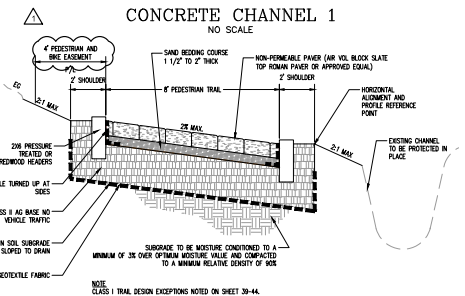
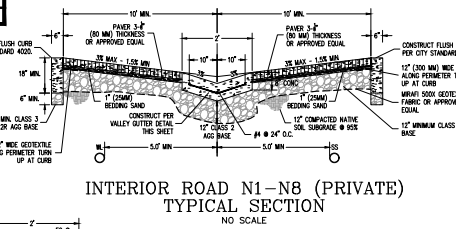
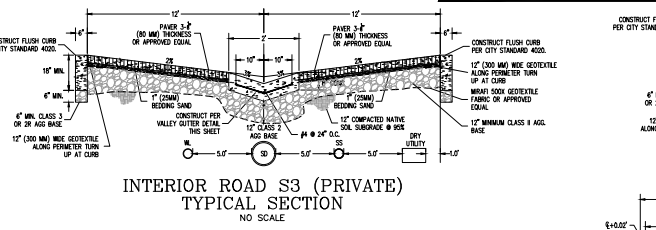
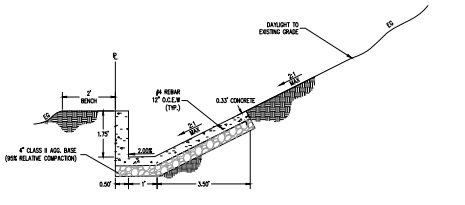
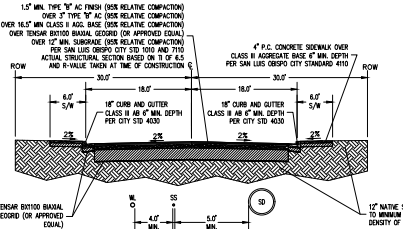
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RECORD DRAWINGS

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SAN LUIS OBISPO, CA 93401
(805) 542-9652

MARGARITA RANCH - TRACT 2428

OVERALL UTILITY PLAN (WEST)

PROJECT TITLE
SHEET FILE

DESIGNED BY: CZ
DRAWN BY: FP
CHECKED BY: JF

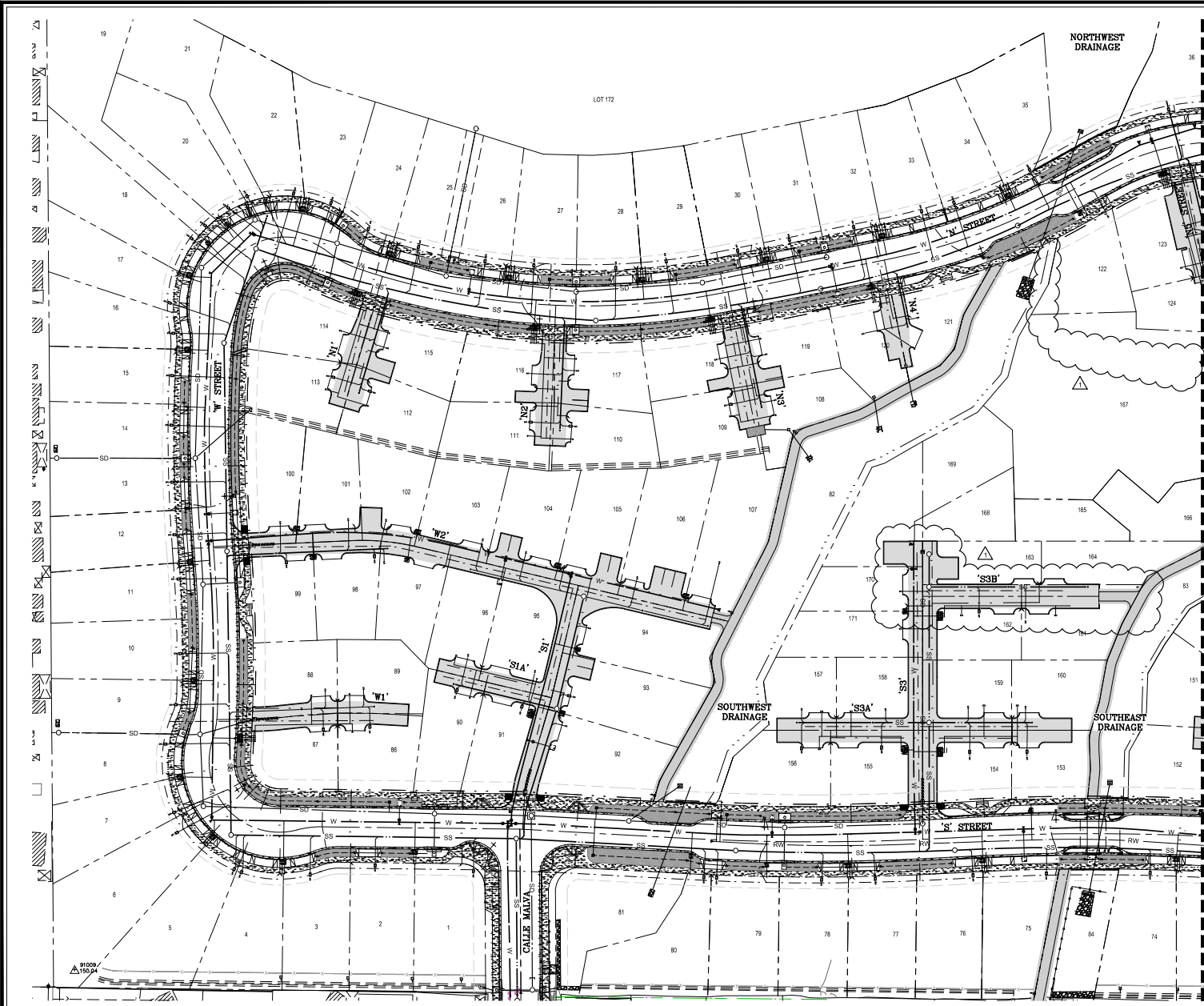
APPROVED BY:

DATE: 10/15/2019

CITY SPECIFICATION NO.

HORIZONTAL SCALE: 1" = 40'

SHEET NO. 7 of 91



LEGEND

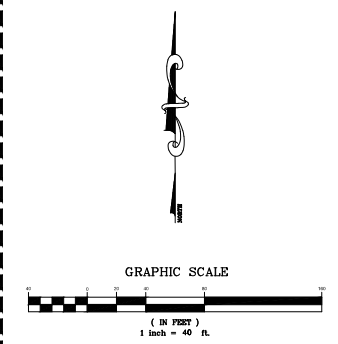
W	WATERLINE MAIN
SD	STORMDRAIN MAIN
SS	SEWER MAIN
RW	RECLAIMED WATER MAIN
---	DRY UTILITY LINE
---	GAS LINE
---	LANDSCAPE IRRIGATION LINE FOR CHANNEL AREAS
---	BIORETENTION AREA

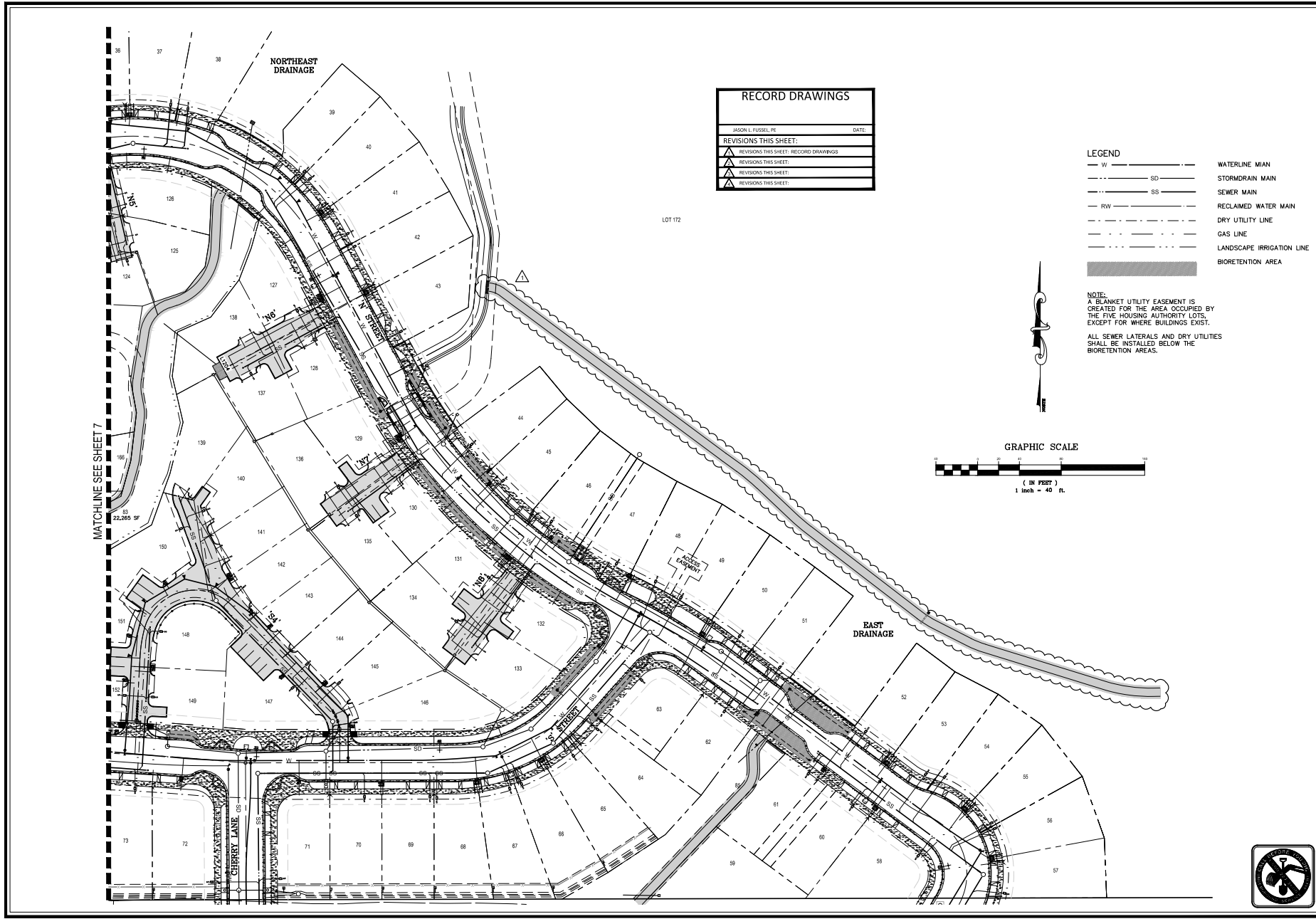
NOTE:
A BLANKET UTILITY EASEMENT IS CREATED FOR THE AREA OCCUPIED BY THE FIVE HOUSING AUTHORITY LOTS, EXCEPT FOR WHERE BUILDINGS EXIST.
ALL SEWER, LATERALS AND DRY UTILITIES SHALL BE INSTALLED BELOW THE BIORETENTION AREAS.

RECORD DRAWINGS

PERSON RESPONSIBLE: [Signature]	DATE: 10/15/2019
REVISIONS THIS SHEET:	
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▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:

MATCHLINE SEE SHEET 8

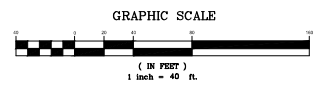




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▲	REVISIONS THIS SHEET:

LEGEND	
— W —	WATERLINE MAIN
— SD —	STORMRAIN MAIN
— SS —	SEWER MAIN
— RW —	RECLAIMED WATER MAIN
— — — —	DRY UTILITY LINE
— · — · —	GAS LINE
— · — · — · —	LANDSCAPE IRRIGATION LINE
■	BIORETENTION AREA

NOTE:
 A BLANKET UTILITY EASEMENT IS CREATED FOR THE AREA OCCUPIED BY THE FIVE HOUSING AUTHORITY LOTS, EXCEPT FOR WHERE BUILDINGS EXIST. ALL SEWER, LATERALS AND DRY UTILITIES SHALL BE INSTALLED BELOW THE BIORETENTION AREAS.



MARGARITA RANCH - TRACT 2428
 OVERALL UTILITY PLAN (EAST)

PROJECT TITLE	DESIGNED BY	DATE
SHEET TITLE	DRAWN BY	CITY SPECIFICATIONS
	CHECKED BY	PL Y SCALE RATIO
	APPROVED BY	SHEET NO.
		8 of 91



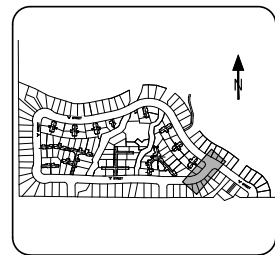
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MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
'S' STREET, STA. 11+50 - 14+14.32

PROJECT TITLE: MARGARITA RANCH - TRACT 2428
SHEET TITLE: 'S' STREET, STA. 11+50 - 14+14.32
DESIGNED BY: CZ
DRAWN BY: EA/EM
CHECKED BY: JF
APPROVED BY: [Signature]
DATE: 10/15/2019
CITY SPECIFICATION NO.:
HYDRAULIC RATIO: 1"=20' / 1"=4'
SHEET NO: 15 of 91



SHEET INDEX
N.T.S.

- CONSTRUCTION NOTES:**
- ① USE CONSTRUCTION DETAIL SHEETS BY DETAIL NO.
 - ② 14' WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
 - ③ MID-STATE JUNCTION STRUCTURE PER DETAIL 102, SHEET 84
 - ④ CATCH BASIN - EXTENDED SIDE OPENING WITHOUT REEF HOLES PER CITY STANDARD #3300
 - ⑤ CATCH BASIN - SIDE OPENING PER CITY STANDARD #3300
 - ⑥ INSTALL 1" WIDE CONCRETE SEWER/STORMWATER PER CITY STD. 3410 AND DETAIL 108 SHEET 84 WHEN DRAINING TO BI-RETENTION AREA
 - ⑦ STORM DRAIN MANHOLE 30" PIPE AND LARGER PER CITY STANDARD #3500
 - ⑧ STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #3500
 - ⑨ 1" WATER SERVICES PER CITY STANDARD #2610, INSTALL PVC SERVICE FROM MET TO BACK OF HOUSE LATERAL. FUTURE INSTALLATION OF HOUSE LATERAL.
 - ⑩ BALL LIGHT PER CITY STANDARD #3500
 - ⑪ MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #3500
 - ⑫ THE HYDRANT ASSEMBLY PER CITY STANDARD #3310
 - ⑬ LATERAL PIPE MATERIAL - 4" CLASS 300 PVC
 - ⑭ WATERLINE TE-IN PER CITY STANDARD #3300
 - ⑮ WATER VALVE & WELL PER CITY STANDARD #3400
 - ⑯ BLOWOFF ASSEMBLY PER CITY STANDARD #3300
 - ⑰ AIR/GAS RELEASE ASSEMBLY PER CITY STANDARD #3300
 - ⑱ SEWER MANHOLE PER CITY STANDARD #3500
 - ⑳ SEWER DROP MANHOLE PER CITY STANDARD #3500
 - ㉑ SEWER LATERAL PER CITY STANDARD #3500
 - ㉒ UNDER CONCRETE SLAB, 6" MIN. LATERAL SHALL BE EDGE OF PRIVATE DRIVE TRAVELED WAY AS APPLICABLE.
 - ㉓ SEWER LATERAL PER CITY STANDARD #3500
 - ㉔ SEWER BACKWATER VALVE "TOILET" OR APPROVED EQUAL
 - ㉕ THURST BLOCK DETAIL PER SLO COUNTY STANDARD #101, SHEET 85
 - ㉖ MONUMENT AND WELL PER CITY STANDARD #3000
 - ㉗ SPEED TABLE PER SHEET 63
 - ㉘ CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD ADA, SHEET 85 & CITY STANDARD #3400
 - ㉙ PIPE CURB VENT HEADWALLS, STRAIGHT AND L PER CAL TRANS STANDARD, SHEET 85
 - ㉚ MID STATE TRAFFIC PATED GRATE WITH VERTICAL CATCH BASIN FLAT INSET PER DETAIL 80, SHEET 81
 - ㉛ BEDDING GRATE WITH FRAME PER MEDIAN #2060, SHEET 80
 - ㉜ MID STATE CATCH BASIN PER DETAIL SHEET 81
 - ㉝ COMMERCIAL/INDUSTRIAL DRIVEWAY PER DETAIL 82, SHEET 84
 - ㉞ STREET LIGHTING PER CITY STANDARD #7910
 - ㉟ LIFT LAMPING PER CITY STANDARD #7910
 - ㊱ STREET LIGHT PER DETAIL 80, SHEET 80
 - ㊲ DETAIL 80 PER DETAIL 80, SHEET 80
 - ㊳ MID STATE NON-TRAFFIC PATED GRATE
 - ㊴ BI-RETENTION PLANTER AREA
 - ㊵ RECTANGULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
 - ㊶ CIRCULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
 - ㊷ STREET BRACKAGE PER CITY STANDARD DETAIL #2300
 - ㊸ REMOVABLE BOLLARD PER CITY STANDARD DETAIL #7335
 - ㊹ MESSON STYLE BOLLARD PER CITY STANDARD DETAIL #2300, PARALLEL RIGHT (O) TO THE 36"
 - ㊺ FLARED END SECTION PER CALTRANS STANDARD DETAIL #2044, SHEET 85
 - ㊻ MID STATE TRAFFIC PATED GRATE WITH VERTICAL CATCH BASIN FLAT INSET PER DETAIL 80, SHEET 81
 - ㊼ 7" REEF SEWER/STORMWATER WITH COVER PLATES PER CITY STANDARD #3400
 - ㊽ REEF 8" C/P OVERFLOW/RAIN DRAIN PER CITY STD. 3415, INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE
 - ㊾ INSTALL HOLLOW BONES CISA PER DETAIL 83, SHEET 81 WITH BRUSHED LINE STAINES PER DETAIL 102, SHEET 84
 - ㊿ STAL RECYCLED MANHOLE SHALL ALSO BE CONSTRUCTED ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS.
 - ① CURB OPENING PER DETAIL 104, SHEET 83
 - ② BI-RETENTION AREA PER DETAIL 104, SHEET 83
 - ③ INSTALL CLEANOUT PER DETAIL 104, SHEET 84
 - ④ INSTALL 4" PROPRIETARY PVC PIPE PER DETAIL 103, SHEET 81
 - ⑤ INSTALL 4" PVC PIPE
 - ⑥ CONNECT TO CATCH BASIN
 - ⑦ 8" PVC CONNECTION TO SD PIPE PER DETAIL 95, SHEET 81
 - ⑧ CONNECT TO STORM DRAIN MANHOLE
 - ⑨ TRENCHING PER 8" PVC PER CITY STANDARD #3000
 - ⑩ 20' WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
 - ⑪ INSTALL 14' WIDE DRIVEWAY RAMP AND GRATE PER DETAIL 84, SHEET 80 AND CONNECT TO CATCH BASIN

LEGEND

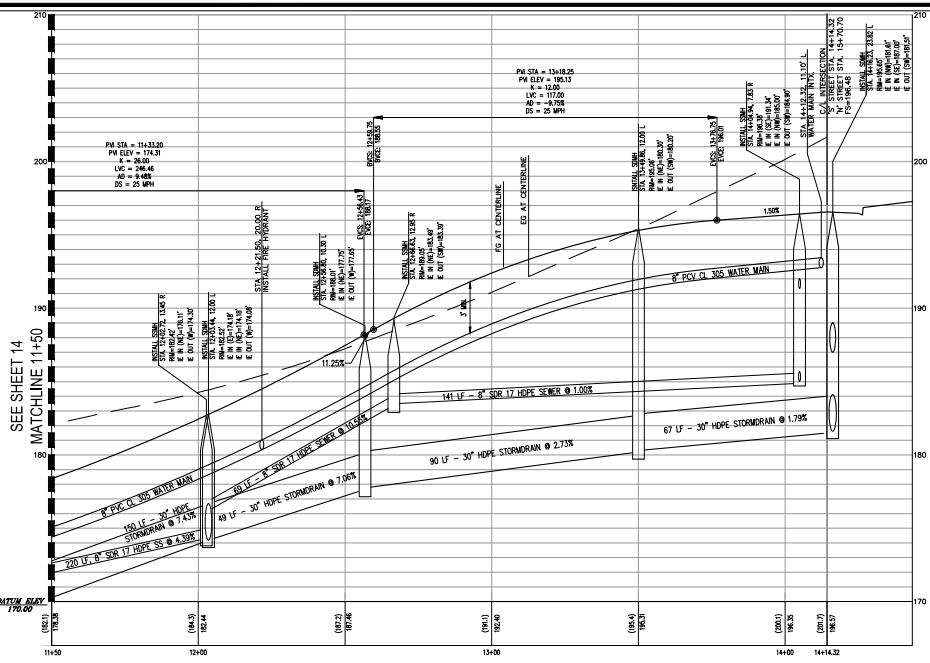
- BIORETENTION AREA
- CONCRETE

RECORD DRAWINGS

DATE: 10/15/2019

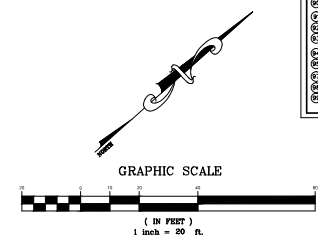
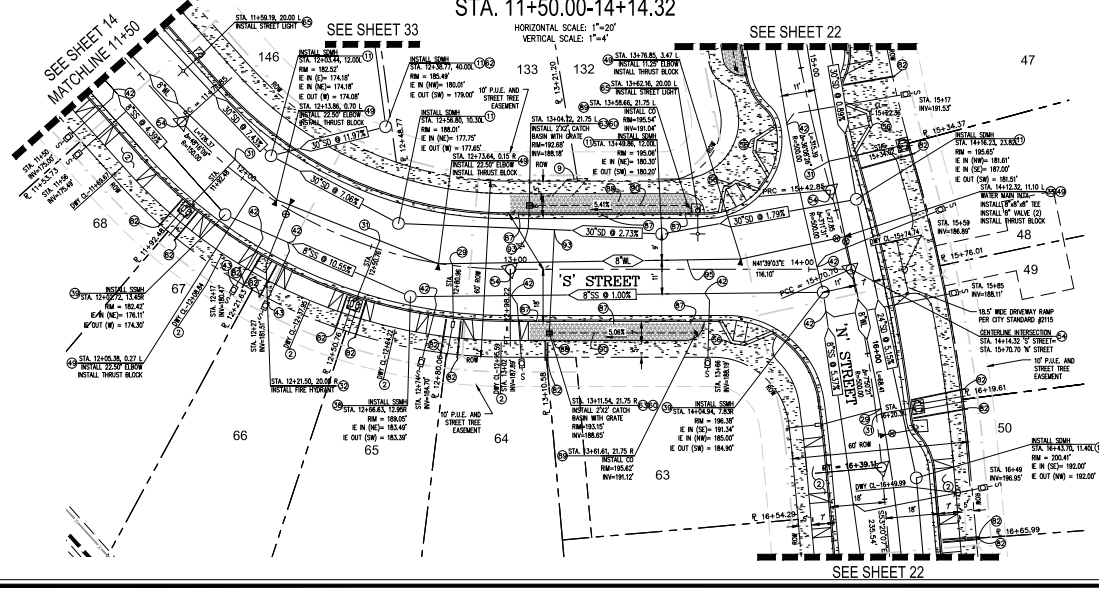
DATE: _____

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'S' STREET
STA. 11+50.00-14+14.32

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

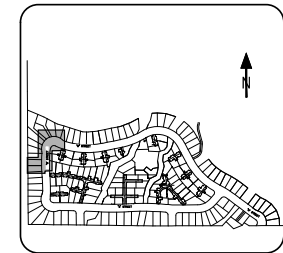




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MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
"W" STREET, STA. 4+50 - 7+79.95

PROJECT TITLE: MARGARITA RANCH - TRACT 2428
SHEET TITLE: IMPROVEMENT PLANS "W" STREET, STA. 4+50 - 7+79.95
DESIGNED BY: CZ
DRAWN BY: FP
CHECKED BY: JF
APPROVED BY: [Signature]
DATE: 10/15/2019
CITY SPECIFICATION NO.:
11/15/SCALE (HORIZONTAL): 1"=20' / 1"=4'
SHEET NO.: 17 of 91



SHEET INDEX
N.T.S.

LEGEND

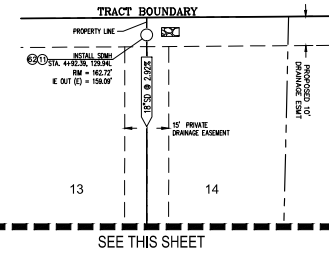
- BIORETENTION AREA
- CONCRETE

CONSTRUCTION NOTES:

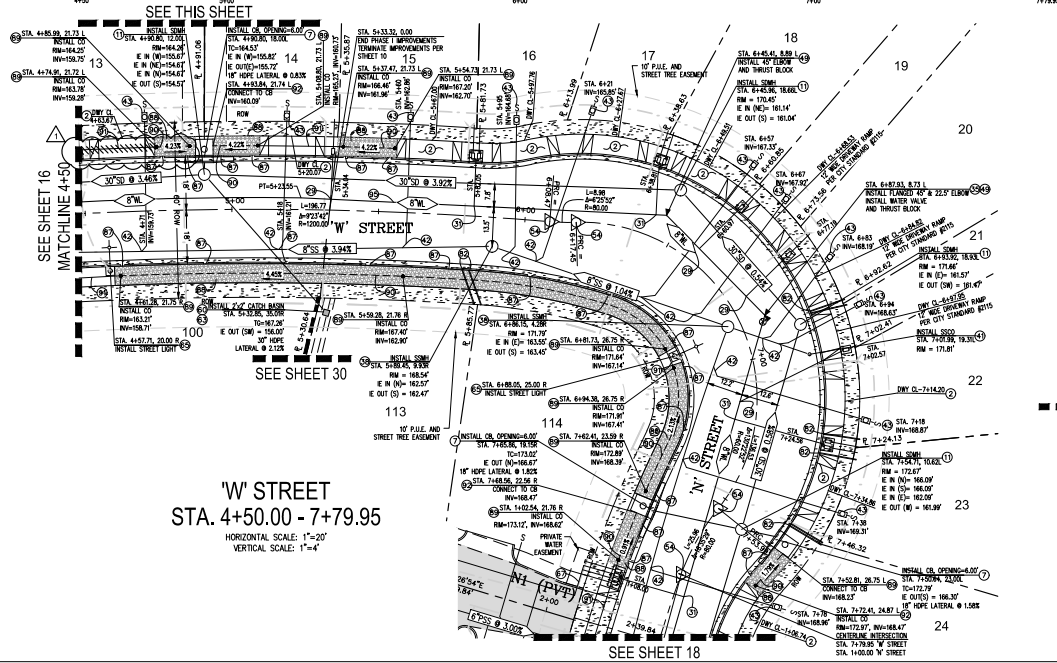
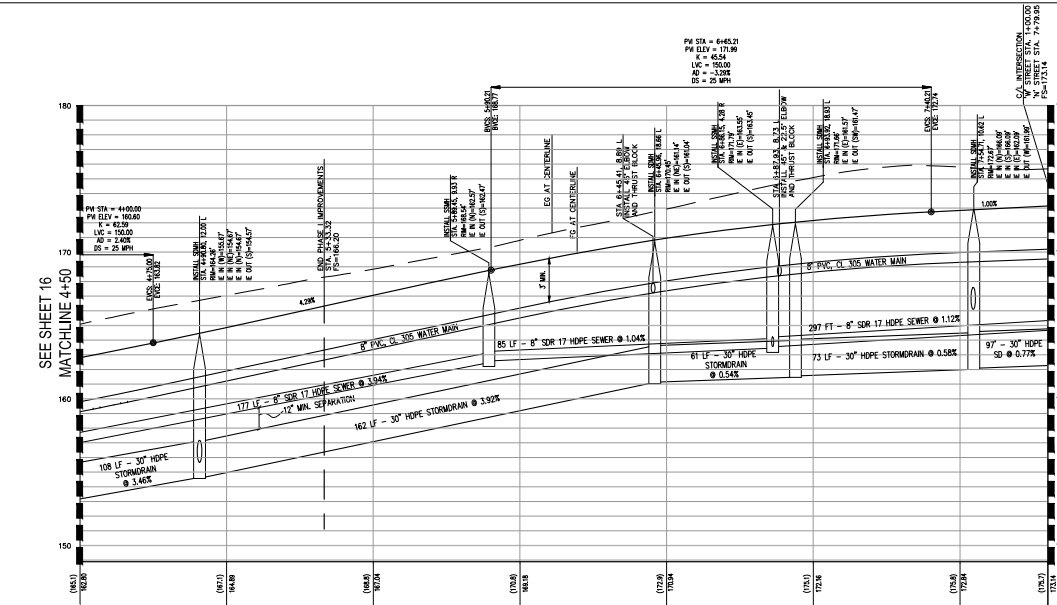
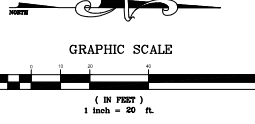
1. USE CONSTRUCTION DETAIL SHEETS RD 10743
2. 14" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
3. MID-STATE JUNCTION STRUCTURE PER DETAIL 102
4. CATCH BASIN - EXTENDED SIDE OPENING WITHOUT WEEP HOLES PER CITY STANDARD #330
5. CATCH BASIN - SIDE OPENING PER CITY STANDARD #330
6. INSTALL 1" WIDE CONCRETE GENERAL SIDEWALK PER CITY STD. 3415 AND DETAIL 108 SHEET 84 WHEN DRAINING TO BIORETENTION AREA
7. STORM DRAIN MANHOLE 36" PIPE AND LARGER PER CITY STANDARD #350
8. STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #350
9. 1" WATER SPACERS PER CITY STANDARD #2115, INSTALL PVC SPACERS FROM 48" TO 24" TO BACK OF CURB FOR FUTURE INSTALLATION OF POLICE LATERALS
10. BALL LIGHT PER CITY STANDARD #705
11. MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #350
12. THE HYDRANT ASSEMBLY PER CITY STANDARD #310
13. LATERAL PIPE MATERIAL - 4" CLASS 300 PVC PER CITY STANDARD #340
14. WATER VALVE & WELL PER CITY STANDARD #340
15. BLOWOFF ASSEMBLY PER CITY STANDARD #350
16. AVOIDING RELEASE ASSEMBLY PER CITY STANDARD #350
17. SEWER MANHOLE PER CITY STANDARD #350
18. SEWER DROP MANHOLE PER CITY STANDARD #350
19. SEWER LATERAL PER CITY STANDARD #350
20. UNDER CONCRETE SLAB, 24" DIA. LATERAL SHALL BE EDGE OF PRIVATE DRIVE TRAVELED BY AS APPLICABLE
21. SEWER LATERAL PER CITY STANDARD #350
22. SEWER BACKWATER VALVE "TOYOTE" OR APPROVED EQUAL
23. THRUST BLOCK DETAIL PER SO CAL COUNTY STANDARD #101, SHEET 85
24. MONUMENT AND WELL PER CITY STANDARD #300
25. SPEED TABLE PER SHEET 83
26. CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD A88
27. PVC DUCTILE HEADWALLS, STRAIGHT AND L PER CAL TRANS STANDARD SHEET 85
28. MID STATE TRAFFIC PATCH GRATE WITH VESTIBUL CATCH BASIN (SEE DETAIL 102, SHEET 81)
29. BEDROCK GRATE WITH FRAME
30. MID STATE CATCH BASIN PER DETAIL SHEET 81
31. COMMERCIAL/INDUSTRIAL DRIVEWAY PER DETAIL 82, SHEET 84
32. STREET LIGHTING PER CITY STANDARD #710
33. 1/2" LUMINAIR, 1" PER CITY STANDARD #710
34. 1" LUMINAIR, 1" PER CITY STANDARD #710
35. 1" LUMINAIR, 1" PER CITY STANDARD #710
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RECORD DRAWINGS
DATE: 10/15/2019

REVISIONS THIS SHEET:	DATE:
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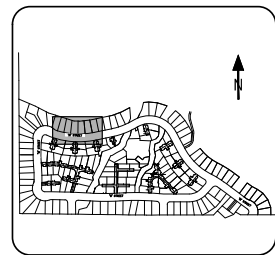


SEE THIS SHEET



W' STREET
STA. 4+50.00 - 7+79.95
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

SEE SHEET 18



SHEET INDEX
N.T.S.

CONSTRUCTION NOTES:

- (1) USE CONSTRUCTION DETAIL SHEETS 80 TO 83
- (2) 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- (3) MID-STATE JUNCTION STRUCTURE PER DETAIL 102L SHEET 81
- (4) CATCH BASIN - EXTENDED SIDE OPENING WITHOUT WEED HOLES PER CITY STANDARD #3300
- (5) CATCH BASIN - SIDE OPENING PER CITY STANDARD #3300
- (6) INSTALL 6" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. 3410 AND DETAIL 108 SHEET 84
- (7) WOOD GRATING TO 80-RESTRICTION AREA
- (8) STORM DRAIN MANHOLE 36" PIPE AND LARGER PER CITY STANDARD #3500
- (9) STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #3500
- (10) 1" WATER SERVICES PER CITY STANDARD #3600
- (11) PUC BLEND FROM THE 45° TO BACK OF MANHOLE FOR FUTURE INSTALLATION OF FUTURE LATERAL
- (12) WALL LIGHT PER CITY STANDARD #7000
- (13) MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #3600
- (14) FIRE HYDRANT ASSEMBLY PER CITY STANDARD #3310
- (15) LATERAL PIPE MATERIAL - CLASS 300 PVC PER CITY STANDARD #3600
- (16) WATER VALVE & WELL PER CITY STANDARD #3640
- (17) BLOWOFF ASSEMBLY PER CITY STANDARD #3500
- (18) HAVING RELEASE ASSEMBLY PER CITY STANDARD #3600
- (19) SEWER MANHOLE PER CITY STANDARD #3600
- (20) SEWER DROP MANHOLE PER CITY STANDARD #3600
- (21) SEWER LATERAL PER CITY STANDARD #3600
- (22) UNDER CONCRETE SLAB, DEPTH OF LATERAL SHALL BE EDGE OF PRIVATE DRIVE TRAVELED WAY AS APPLICABLE
- (23) SEWER LATERAL PER CITY STANDARD #3600
- (24) SEWER BACKWATER VALVE "TOILET" OR APPROVED EQUAL
- (25) THRUST BLOCK DETAIL PER SLO COUNTY STANDARD W-10, SHEET 85
- (26) MONUMENT AND WELL PER CITY STANDARD #3600
- (27) SPEED HOLE PER SHEET 83
- (28) CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD
- (29) ADA SLOPE SHALL BE AS CITY STANDARD #400
- (30) PIPE CULVERT HEADWALLS STRAIGHT AND L PER CAL TRANS STANDARD #300, SHEET 80
- (31) MD STATE TRAFFIC RATED GRATE WITH VESTIBULAR CATCH BASIN FILTER INSIDE DETAIL 80, SHEET 81
- (32) BEDROCK GRATE WITH FRAME PER MEDIAN #2-2000, SHEET 80
- (33) MD STATE CATCH BASIN PER DETAIL SHEET 80
- (34) COMMERCIAL/INDUSTRIAL DRIVEWAY PER DETAIL 82, SHEET 84
- (35) STREET LIGHTING PER CITY STANDARD #7910
- (36) LIT LUMINAIRE TYPE "A" WITH LENS PER CITY STANDARD #7910
- (37) 6" ATURAL GRATE PER LOS 100-80, SHEET 80
- (38) DETAIL 108 SHEET 84
- (39) MD STATE NON-TRAFFIC RATED GRATE
- (40) MD STATE NON-TRAFFIC RATED GRATE
- (41) MD STATE NON-TRAFFIC RATED GRATE
- (42) RECTANGULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
- (43) CIRCULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
- (44) STREET BRACKAGE PER CITY STANDARD DETAIL #3300
- (45) MESSAGE STAIR RAMP PER CITY STANDARD
- (46) DETAIL BENCH RAMPING HEIGHT (0) TO BE 36"
- (47) PER CALTRANS STANDARD DETAIL #3000, SHEET 80
- (48) MD STATE NON-TRAFFIC RATED GRATE WITH VESTIBULAR CATCH BASIN FILTER INSIDE PER DETAIL 80, SHEET 81
- (49) 3" WIDE SIDEWALK UNDERDRAIN WITH COVER PLATES PER CITY STANDARD #3500
- (50) INSTALL 3" CLIP UNDERWALK DRAIN PER CITY STD. 3410, MINIMUM ONE DRAIN PER LOT, LOW SLO OF FRONTAGE
- (51) INSTALL HOLLAND BROWNE #124 PER DETAIL 82, SHEET 81
- (52) WITH WELLSIDE STAIRS PER DETAIL 102L SHEET 84
- (53) UTILITY LINE SEPARATION PER CITY STANDARD #3510
- (54) 24" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- (55) INSTALL UNGRADED DOWNS PER DETAIL 83, SHEET 84
- (56) DETAIL 14' LONG HINDR DRAIN AND GRATE PER DETAIL 80, SHEET 80 AND CONNECT TO CATCH BASIN

LEGEND

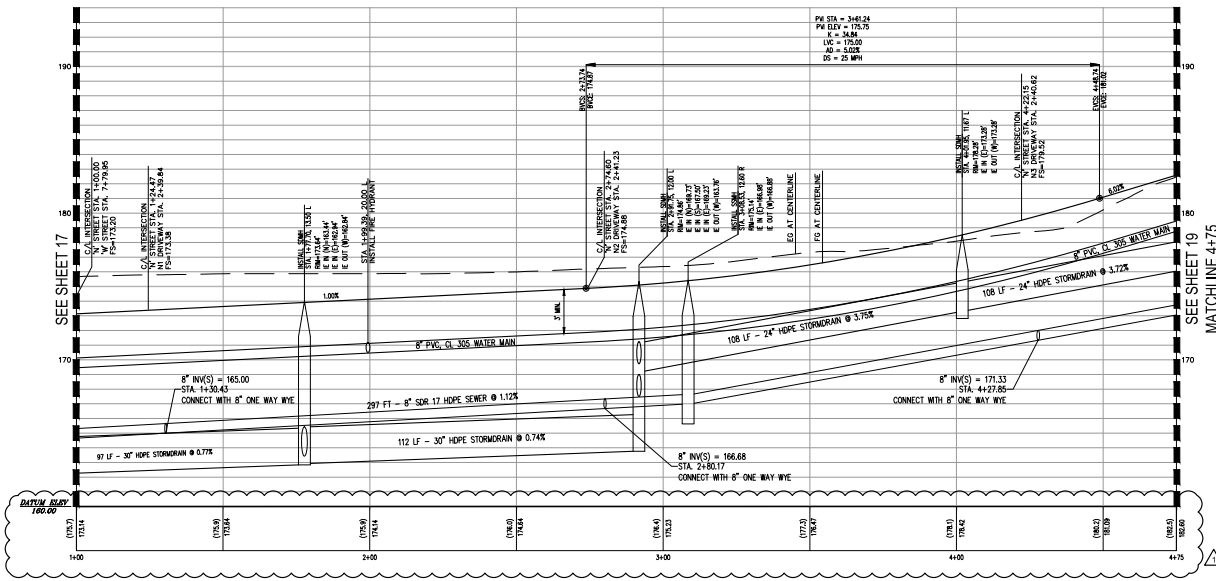
- BIORETENTION AREA
- CONCRETE

RECORD DRAWINGS

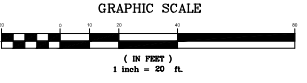
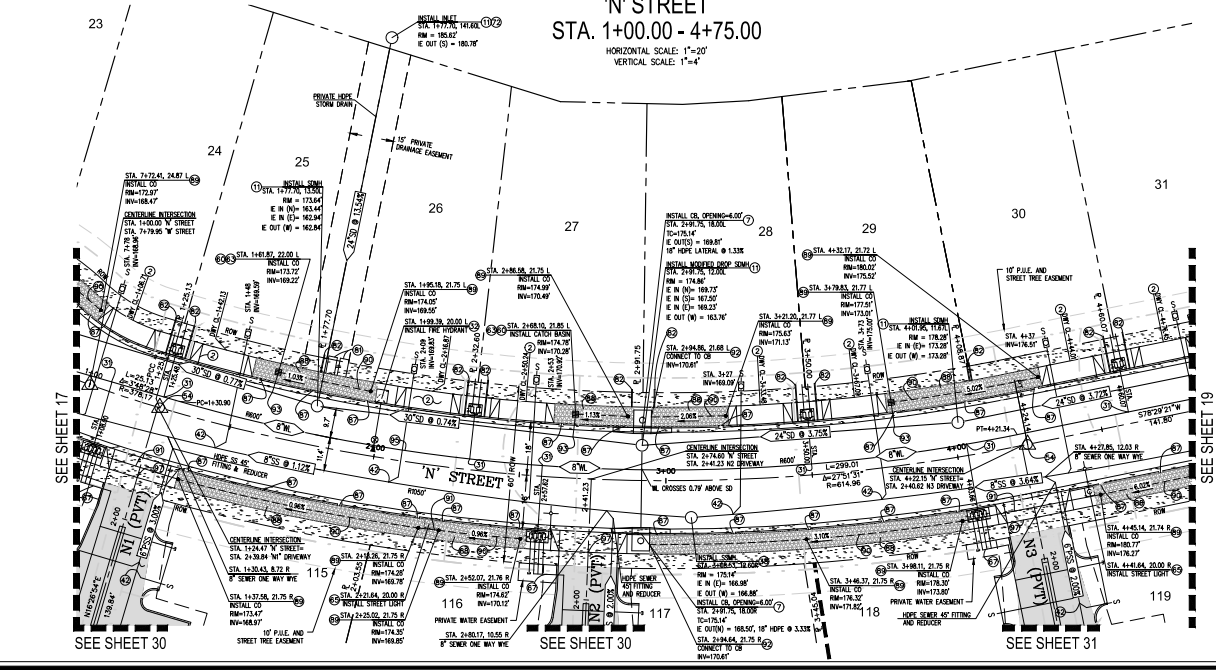
JACOBAL ROSAS, INC.
DATE: 10/15/2019

REVISIONS THIS SHEET:

- REVISIONS THIS SHEET - RECORD DRAWINGS
- REVISIONS THIS SHEET
- REVISIONS THIS SHEET
- REVISIONS THIS SHEET



'N' STREET
STA. 1+00.00 - 4+75.00
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



TETRA TECH
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7111 TANK FARM ROAD, SUITE 110
SAN LUIS OBISPO, CA 95041
(805) 542-9525

MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
'N' STREET, STA. 1+00 - 4+75

PROJECT TITLE: SHEET TITLE:
DESIGNED BY: CZ
DRAWN BY: FP
CHECKED BY: JF
APPROVED BY:

DATE: 10/15/2019
CITY SPECIFICATION NO.:
TITLE SCALE: 1"=20' / 1"=4'
SHEET NO. 18 of 91

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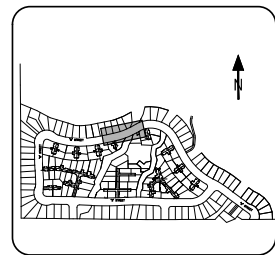
TETRA TECH
www.tetratech.com
711 TANK FARM ROAD, SUITE 110
SAN LUIS OBISPO, CA 93401
(805) 542-9525

MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
N' STREET, STA. 4+75 - 8+00

PROJECT TITLE: MARGARITA RANCH - TRACT 2428
SHEET TITLE: N' STREET, STA. 4+75 - 8+00

DESIGNED BY: CZ
DRAWN BY: FP
CHECKED BY: JF
APPROVED BY: [Signature]

DATE: 10/15/2019
CITY SPECIFICATION NO.:
11/1 SCALE (AS SHOWN): 1"=20' / 1"=4'
SHEET NO.: 19 of 91



SHEET INDEX
N.T.S.

- CONSTRUCTION NOTES:**
- 1. USE CONTINUING DETAIL SHEETS 80 TO 83
 - 2. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
 - 3. MID-STATE JUNCTION STRUCTURE PER DETAIL 102
 - 4. CATCH BASIN - EXTENDED SIDE OPENING WITHOUT WEAP HOLES PER CITY STANDARD #300
 - 5. CATCH BASIN - SIDE OPENING PER CITY STANDARD #300
 - 6. INSTALL 6" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. 345 AND DETAIL 108 SHEET 84 WITH DRAINING TO 80-RETENTION AREA
 - 7. STORM DRAIN MANHOLE 36" PIPE AND LARGER PER CITY STANDARD #300
 - 8. STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #300
 - 9. 1" WATER SERVICES PER CITY STANDARD #300, INSTALL PVC SERVICE FROM WATER TO BACKWATER FOR FUTURE INSTALLATION OF HOUSE LATERAL
 - 10. WALL LIGHT PER CITY STANDARD #300
 - 11. MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #300
 - 12. FIRE HYDRANT ASSEMBLY PER CITY STANDARD #310
 - 13. LATERAL PIPE MATERIAL - 4" CLASS 300 PVC
 - 14. WATER VALVE & WELL PER CITY STANDARD #340
 - 15. BLOWOFF ASSEMBLY PER CITY STANDARD #350
 - 16. AIRING RELEASE ASSEMBLY PER CITY STANDARD #360
 - 17. SEWER MANHOLE PER CITY STANDARD #360
 - 18. SEWER DROP MANHOLE PER CITY STANDARD #360
 - 19. SEWER LATERAL PER CITY STANDARD #360
 - 20. UNLESS OTHERWISE NOTED, GRADE OF CATCH BASIN SHALL BE EDGE OF PRIVATE DRIVE TRAVELED WAY AS APPLICABLE
 - 21. SEWER LATERAL PER CITY STANDARD #360
 - 22. SEWER BACKWATER VALVE "TOILET" OR APPROVED EQUAL
 - 23. THRUST BLOCK DETAIL PER SLO COUNTY STANDARD W-1, SHEET 85
 - 24. MONUMENT AND WELL PER CITY STANDARD #300
 - 25. SPEED RAMP PER SHEET 83
 - 26. CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD AREA SHEET 84 PER CITY STANDARD #340
 - 27. PAVE CURB HEADWALLS STRAIGHT AND L PER CAL TRANS STANDARD 300, SHEET 80
 - 28. MID STATE TRAFFIC RATED GRATE WITH KRISTAR CATCH BASIN FILTER INSIDE DETAIL 104, SHEET 81
 - 29. BODINE GRATE WITH FRAME PER MEDIAN 2-200, SHEET 80
 - 30. MID STATE CATCH BASIN PER DETAIL 80, SHEET 80
 - 31. COMMERCIAL/INDUSTRIAL DRIVEWAY PER DETAIL 82, SHEET 84
 - 32. STREET LIGHTING PER CITY STANDARD #700
 - 33. LIT LUMINAIRE TYPE PER LUMINAIRE SHEET 80
 - 34. 4" ATRIAL GRATE PER LOS 100-80, SHEET 80
 - 35. DETAIL 104 PER SHEET 81
 - 36. MID STATE NON-TRAFFIC RATED GRATE
 - 37. 80-RETENTION PLANTER AREA
 - 38. RECTANGULAR WELDED REBAR ATRIAL GRATE, SHEET 81
 - 39. CIRCULAR WELDED REBAR ATRIAL GRATE, SHEET 81
 - 40. STREET SIGNAGE PER CITY STANDARD DETAIL #330
 - 41. MESSON STAKE RAILING PER CITY STANDARD
 - 42. DETAIL REBAR SIGN HEIGHT (60) TO BE 36"
 - 43. FLARED END SECTION
 - 44. PER CALTRANS STANDARD DETAIL 80, SHEET 80
 - 45. MID STATE NON-TRAFFIC RATED GRATE WITH KRISTAR CATCH BASIN FILTER INSIDE PER DETAIL 104, SHEET 81
 - 46. 7" WIDE SIDEWALK UNDERDRAIN WITH COVER PLATES PER CITY STANDARD #300
 - 47. INSTALL 3" CLIP UNDERWALK DRAIN PER CITY STD. 345, DETAIL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE
 - 48. INSTALL HOLLAND BONEY C24 PER DETAIL 82, SHEET 81 WITH REBAR STAY STRIPS PER DETAIL 102, SHEET 84
 - 49. UTILITY LINE SEPARATION PER CITY STANDARD #310 & 6" RIGID POLYETHYLENE SAND BARRIER PER CITY STANDARD #2115 WITH SEPARATION FROM BOTH WATER AND SEWER IN ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS
 - 50. CURB OPENING PER DETAIL 104, SHEET 83
 - 51. BIODEGRADABLE AREA PER DETAIL 104, SHEET 83
 - 52. INSTALL CLEANOUT PER DETAIL 102, SHEET 84
 - 53. INSTALL 6" PERFORATED PVC PIPE PER DETAIL 103, SHEET 84
 - 54. CONNECT TO CATCH BASIN
 - 55. 8" PVC CONNECTION TO SD PIPE PER DETAIL 95
 - 56. CONNECT TO STORM DRAIN MANHOLE
 - 57. THRESHOLD FOR 8" PVC PER CITY STANDARD #300
 - 58. 20" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
 - 59. INSTALL MANHOLE DOMES PER DETAIL 83, SHEET 84
 - 60. DETAIL 104 LONG RENDING DRAIN AND GRATE PER DETAIL 95, SHEET 80 AND CONNECT TO CATCH BASIN

LEGEND

- BIORETENTION AREA
- CONCRETE

RECORD DRAWINGS

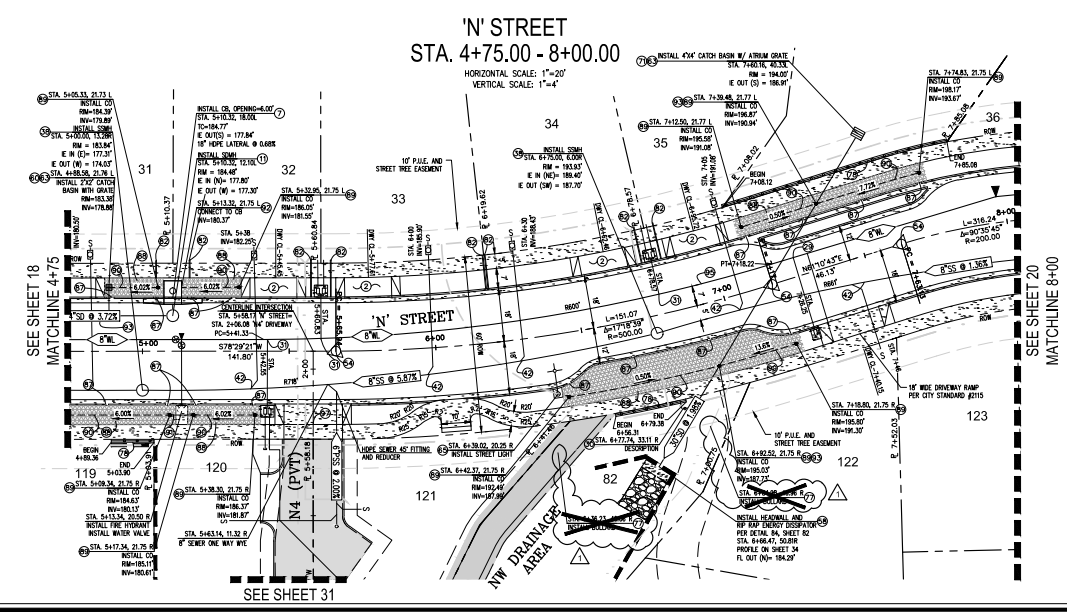
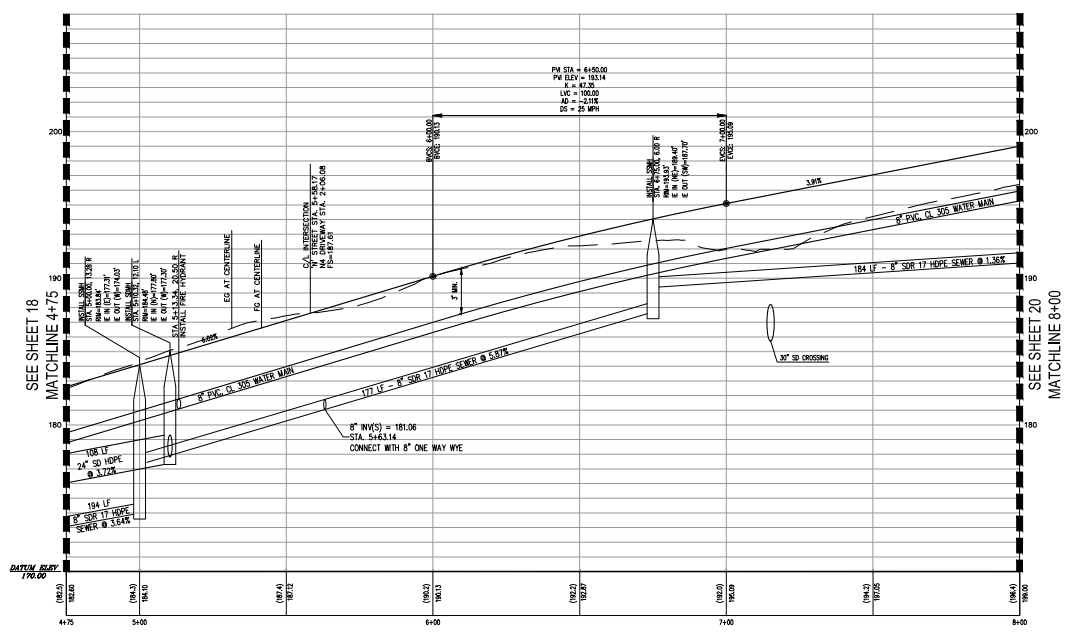
10/15/2019

DATE:

REVISIONS THIS SHEET:

- REVISIONS THIS SHEET - RECORD DRAWINGS
- REVISIONS THIS SHEET
- REVISIONS THIS SHEET
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GRAPHIC SCALE



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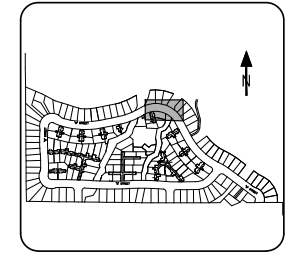
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MARGARITA RANCH - TRACT 2428

IMPROVEMENT PLANS
'N' STREET, STA. 8+00 - 10+50

PROJECT TITLE
SHEET TITLE
DESIGNED BY: CZ
DRAWN BY: EA/EM
CHECKED BY: JF
APPROVED BY:
DATE: 10/15/2019
CITY SPECIFICATION NO.
HYDRAULIC RATE:
1"=20' / 1"=4'
SHEET NO.



SHEET INDEX

N.T.S.

CONSTRUCTION NOTES:

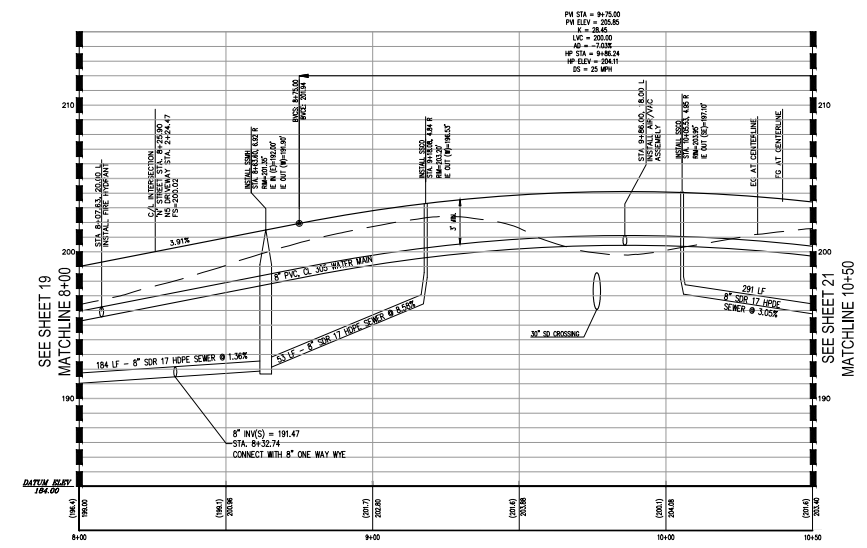
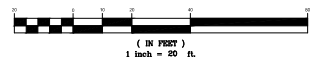
- (1) USE CONTINUOUS DETAIL SHEETS 80 TO 83
- (2) 14" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- (3) MID-STATE JUNCTION STRUCTURE PER DETAIL 102, SHEET 84
- (4) CATCH BASIN - EXTENDED SIDE OPENING WITHOUT HOLES PER CITY STANDARD #3300
- (5) CATCH BASIN-SIDE OPENING PER CITY STANDARD #3300
- (6) INSTALL 2" WIRE CHAINLINK SCREEN (SCREEN PER CITY STD. 3415 AND DETAIL 103 SHEET 84) OVER DRAINING TO BI-RETENTION AREA
- (7) STORM DRAIN MANHOLE 36" PIPE AND LARGER PER CITY STANDARD #3500
- (8) STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #3500
- (9) 1" WATER SERVICES PER CITY STANDARD #2120, INSTALL PVC ELBOW FROM 45 DEG TO BACK OF CURB FOR FUTURE INSTALLATION OF HOUSE LATERAL
- (10) BALL LIGHT PER CITY STANDARD 7100
- (11) MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #3500
- (12) THE HYDRANT ASSEMBLY PER CITY STANDARD #3310
- (13) LATERAL PIPE MATERIAL - 4" CLASS 300 PVC
- (14) WATERLINE TEST IN PER CITY STANDARD #3600
- (15) WATER VALVE & WELL PER CITY STANDARD #3600
- (16) BLOWOFF ASSEMBLY PER CITY STANDARD #3300
- (17) AIR/VAC RELEASE ASSEMBLY PER CITY STANDARD #3600
- (18) SEWER MANHOLE PER CITY STANDARD #3610
- (19) SEWER DROP MANHOLE PER CITY STANDARD #3620
- (20) SEWER LATERAL PER CITY STANDARD #3630 AND/OR CONCRETE BOX, 30" DIA. LATERAL SHALL BE INSTALLED TO FACE OF DRIVE TRAVELED WAY AS APPLICABLE
- (21) SEWER LATERAL PER CITY STANDARD #3630
- (22) SEWER BACKWATER VALVE "DANTE" OR APPROVED EQUAL
- (23) THRUST BLOCK DETAIL PER SLO COUNTY STANDARD W-1, SHEET 80
- (24) MONUMENT AND WELL PER CITY STANDARD #3000
- (25) SPEED RAMP PER SHEET 43
- (26) CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD A-18, SHEET 85
- (27) CURB RAMP DETAIL, CASE B PER CALTRANS STANDARD A-18, SHEET 85
- (28) PIPE CURB HEADWALLS, STRAIGHT AND L PER CAL TRANS STANDARD 3900, SHEET 85
- (29) MID STATE TRAFFIC PATED GRATE WITH ASTERIX CATCH BASIN FILTER PER DETAIL 80, SHEET 81
- (30) BEDROCK GRATE WITH FRAME PER MEDIAN - 24" WIDE, SHEET 80
- (31) MID STATE CATCH BASIN PER DETAIL SHEET 80
- (32) COMMERCIAL-INDUSTRIAL DRIVEWAY PER DETAIL 82, SHEET 84
- (33) STREET LIGHTING - PER CITY STANDARD #7310
- (34) LIT LAMINAIR PER CROWN LENGTH PER DETAIL 82, SHEET 84
- (35) 1" WIRE CHAINLINK SCREEN WITH COVER PLATES PER CITY STANDARD #3600
- (36) 2" WIRE CHAINLINK SCREEN PER CITY STD. 3415, INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE
- (37) INSTALL HOLLOW BOREHOLE PER DETAIL 83, SHEET 81 WITH 1/2" DIA. LINE STAKES PER DETAIL 103, SHEET 84
- (38) MID STATE NON-TRAFFIC PATED GRATE WITH ASTERIX CATCH BASIN FILTER PER DETAIL 80, SHEET 81
- (39) 2" WIRE CHAINLINK SCREEN WITH COVER PLATES PER CITY STANDARD #3600
- (40) BORERETENTION AREA PER DETAIL 103, SHEET 83
- (41) INSTALL CLEANOUT PER DETAIL 103, SHEET 84
- (42) INSTALL 1/2" PROPOSED PVC PIPE PER DETAIL 103, SHEET 84
- (43) INSTALL 4" PVC PIPE
- (44) CONNECT TO CATCH BASIN
- (45) 8" PVC CONNECTION TO SD PIPE PER DETAIL 95, SHEET 84
- (46) CONNECT TO STORM DRAIN MANHOLE
- (47) TRENCHING FOR 8" PVC PER CITY STANDARD #3000
- (48) 20" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- (49) INSTALL 14" LOW PROFILE DRAIN AND GRATE PER DETAIL 50, SHEET 80 AND CONNECT TO CATCH BASIN

LEGEND

- BIORETENTION AREA
- CONCRETE

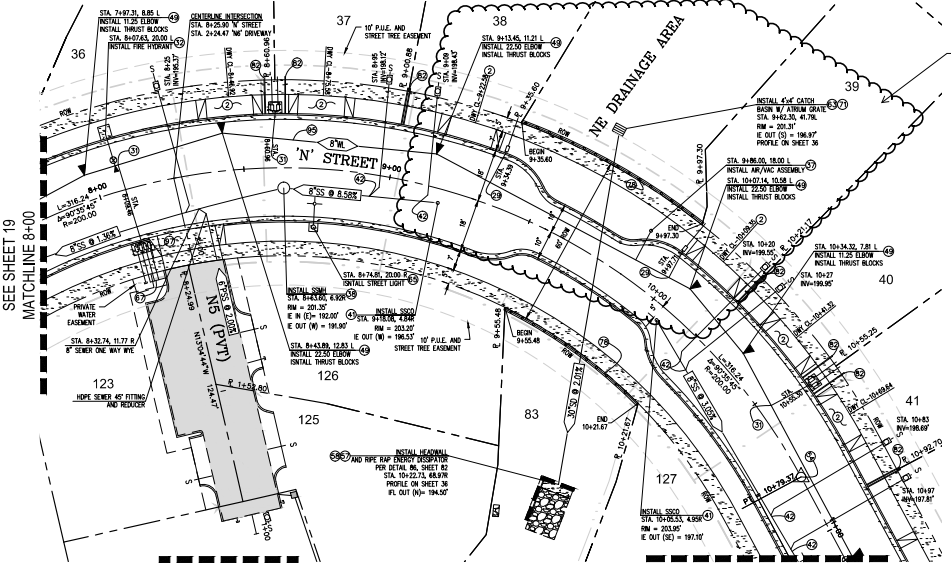
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DESIGNER: J. R. ...
REVISIONS THIS SHEET:
1 REVISIONS THIS SHEET:
2 REVISIONS THIS SHEET:
3 REVISIONS THIS SHEET:
4 REVISIONS THIS SHEET:

GRAPHIC SCALE



'N' STREET
STA. 8+00.00 - 10+50.00

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

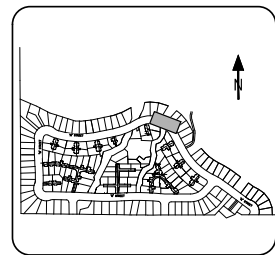
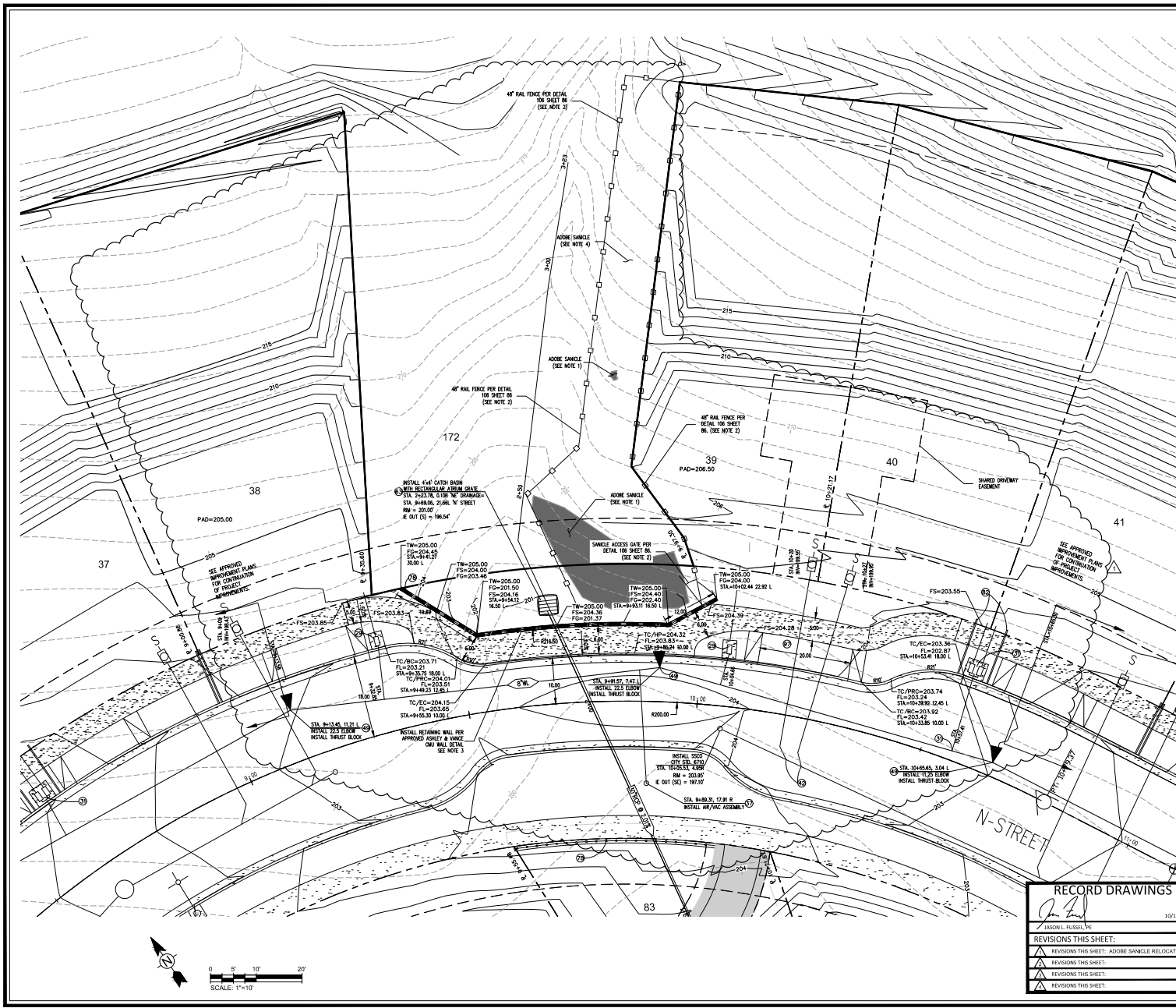


SEE SHEET 21
MATCHLINE 10+50

SEE SHEET 32

SEE SHEET 19
MATCHLINE 8+00

REFER TO SHEET 20A
FOR REVISED PLANS



SHEET INDEX
N.T.S.

CONSTRUCTION NOTES:

1. (SEE CONSTRUCTION DETAIL SHEETS 80 TO 83)
2. 16" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
3. MD-STATE ANCHOR STRUCTURE PER DETAIL 102, SHEET 84
4. CATCH BASIN - EXISTING SIDE OPENING WITHOUT WEEP HOLES PER CITY STANDARD #3300
5. CATCH BASIN-SIDE OPENING PER CITY STANDARD #3300
6. INSTALL 2" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. 5410 AND DETAIL 108 SHEET 84 WHEN GRADING TO BE-EXISTENT AREA
7. STORM DRAIN MANHOLE 36" PIPE AND LARGER PER CITY STANDARD #3610
8. STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #3610
9. 1" WATER SERVICES PER CITY STANDARD #2210 INSTALL PVC SERVICE FROM METER TO BACK OF BUILDING FOR FINAL INSTALLATION BY HOUSE LATERAL
10. FINAL LIGHT PER CITY STANDARD #900
11. MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #3610
12. PER HYDRAULIC ASSEMBLY PER CITY STANDARD #3310
13. LATERAL, PER NATIONAL #1 CLASS 200 PVC
14. WATERLINE 18"-24" PER CITY STANDARD #3640
15. WATER VALVE & WELL PER CITY STANDARD #3640
16. BLOWOFF ASSEMBLY PER CITY STANDARD #3300
17. AIR/VAC RELIEF ASSEMBLY PER CITY STANDARD #3300
18. SEWER MANHOLE PER CITY STANDARD #3610
19. SEWER DROP MANHOLE PER CITY STANDARD #3610
20. SEWER LATERAL PER CITY STANDARD #3610
21. UNDER DRAINING, HOOD, SLOTTED LATERAL SHALL BE EDGE OF PRIVATE DRIVE TRAVELED WAY AS APPLICABLE
22. SEWER LATERAL PER CITY STANDARD #3610
23. SEWER BACKWATER VALVE "GATE" OR APPROVED EQUAL
24. THRUST BLOCK DETAIL PER SLO COUNTY STANDARD W-1, SHEET 85
25. WORKMAN AND WELL PER CITY STANDARD #3620
26. SPEED TRAIL PER SHEET 83
27. CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD #3610
28. PER CALTRANS STANDARD #3610
29. PER CALTRANS STANDARD #3610
30. MD STATE TRAFFIC PAVED GRATE WITH WRESTER CATCH BASIN FILTER INSIDE PER DETAIL 83, SHEET 85
31. BEDDING GRAVE WITH FRAME PER DETAIL 83, SHEET 85
32. MD STATE CATCH BASIN PER DETAIL 80
33. CONCRETE-INSULATED CHIMNEY PER DETAIL 83, SHEET 84
34. CONCRETE-INSULATED CHIMNEY PER CITY STANDARD #3610
35. LED LUMINAIRE PER CITY STANDARD #3610
36. ANIMAL GRATE PER DETAIL 80, SHEET 85
37. DETAIL 80 PER DETAIL 80, SHEET 85
38. MD STATE NON-TRAFFIC PAVED GRATE PER DETAIL 83, SHEET 84
39. RECTANGULAR WELDED REBAR ATRIUM GRATE, SHEET 81
40. CIRCULAR WELDED REBAR ATRIUM GRATE, SHEET 81
41. STREET SHANICIDE PER CITY STANDARD DETAIL #3130
42. MESSON STYLE RAILING PER CITY STANDARD
43. DETAIL 80 PER DETAIL 80, SHEET 85
44. MD STATE NON-TRAFFIC PAVED GRATE WITH WRESTER CATCH BASIN FILTER INSIDE PER DETAIL 83, SHEET 85
45. 2" WIDE SIDEWALK UNDERDRAIN WITH COVER PLATES PER CITY STANDARD #3610
46. INSTALL 1" CLIP UNDERDRAIN DRAIN PER CITY STD. 5410, DETAIL 108 SHEET 84
47. PER DETAIL 80 PER DETAIL 80, SHEET 85
48. PER DETAIL 80 PER DETAIL 80, SHEET 85
49. UTILITY LINE SEPARATION PER CITY STANDARD #110 & FINAL REVEALED NAME PER DETAIL 80, SHEET 85
50. WITH SEPARATION FROM BOTH WATER AND SEWER IN ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS
51. CURB OPENING PER DETAIL 104, SHEET 83
52. BOWEN/STONING AREA PER DETAIL 104, SHEET 83
53. INSTALL CLEANOUT PER DETAIL 106, SHEET 84
54. INSTALL 6" PERFORATED PVC PIPE PER DETAIL 103, SHEET 80
55. INSTALL 6" PVC PIPE
56. CONNECT TO CATCH BASIN
57. 8" PVC CONNECTION TO SD PIPE PER DETAIL 95, SHEET 81
58. CONNECT TO STORM DRAIN MANHOLE
59. TRENCHING FOR 8" PVC PER CITY STANDARD #3610
60. 24" WIDE SIDEWALK RAMP PER CITY STANDARD #2115
61. INSTALL TRUNCATED DUMPS PER DETAIL 83, SHEET 84
62. DETAIL 80, SHEET 80 AND CONNECT TO CATCH BASIN

- NOTES:**
1. EXISTING ADOBE SANICLE TO BE PROTECTED IN PLACE
 2. FENCE LOCATION IS APPROXIMATE. FINAL LOCATION TO BE COORDINATED WITH ALTHOUSE AND NEARBY IN THE FIELD
 3. PROJECT RETAINING WALL CONFIGURATION TO BE APPROVED BY STRUCTURAL ENGINEER
 4. ADOBE SANICLE AREA SIZED TO ALLOW PROPAGATION OF MORE PLANTS

RECORD DRAWINGS

10/15/2019

JASON L. FUSSELL

DATE

REVISIONS THIS SHEET:

- 1. REVISIONS THIS SHEET: ADOBE SANICLE RELOCATE
- 2. REVISIONS THIS SHEET:
- 3. REVISIONS THIS SHEET:
- 4. REVISIONS THIS SHEET:

JOB NO. 200-00831-1703-1PH3

ADOBE SANICLE RELOCATE



TETRA TECH

www.tetratech.com

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SAN LUIS OBISPO, CA 93401
(805) 542-9852

MARGARITA RANCH - TRACT 2428

IMPROVEMENT PLANS
NE DRAINAGE

PROJECT TITLE: SHEET FILE:

DESIGNED BY: OF

DRAWN BY: OF

CHECKED BY: CZ

APPROVED BY:

DATE: 10/15/2019

CITY SPECIFICATION NO.:

11/ VERTICAL SCALE: 1"=10' / 1"=4'

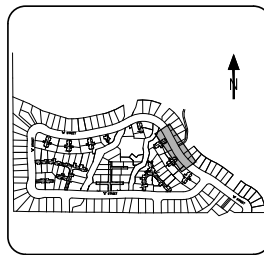
SHEET NO. 20A of 91



TETRA TECH
www.tetra-tech.com
711 TANK CANYON BLVD #110
SAN LUIS OBISPO, CA 94961
(805) 542-9605

MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
'N' STREET, STA. 10+50 - 14+00

PROJECT TITLE: SHEET FILE:
DESIGNED BY: CJZ
CHECKED BY: EA/EM
DATE: 10/15/2019
CITY SPECIFICATION NO.:
PHYSICAL RAMP: 1" = 20', 1" = 4'
SHEET NO.: 21 of 91



CONSTRUCTION NOTES:

- 1. USE CONSTRUCTION DETAIL SHEETS 80 TO 83
- 2. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 3. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 4. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 5. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
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- 13. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
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- 21. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 22. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 23. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
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- 97. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 98. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 99. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- 100. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115

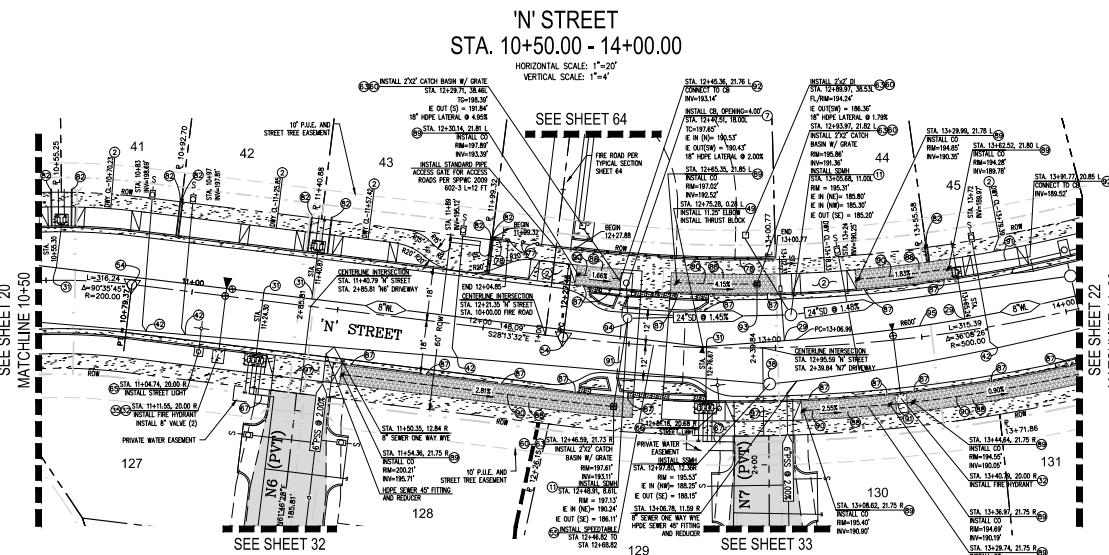
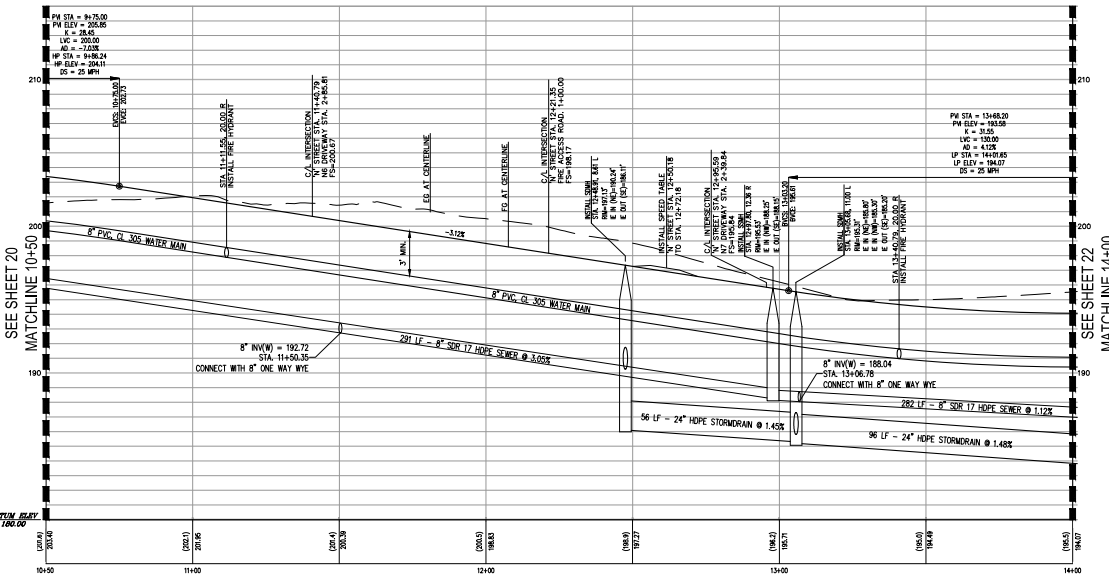
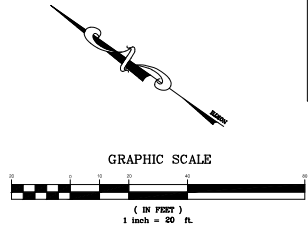
- LEGEND**
- BIORETENTION AREA
 - CONCRETE

RECORD DRAWINGS

Jason J. Fung, PE
M/15/2019
DATE:

REVISIONS THIS SHEET:

1	REVISIONS THIS SHEET:
2	REVISIONS THIS SHEET:
3	REVISIONS THIS SHEET:
4	REVISIONS THIS SHEET:



'N' STREET
STA. 10+50.00 - 14+00.00

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'

SEE SHEET 64

SEE SHEET 32

SEE SHEET 33

SEE SHEET 20

SEE SHEET 22

BATON BRAY
100.00

SEE SHEET 20

SEE SHEET 22



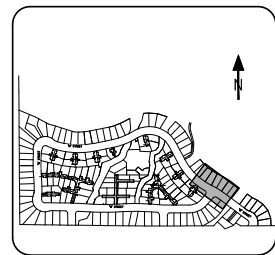
TETRA TECH
www.tetra-tech.com
711 TANK ACADEM RD #110
SAN LUIS OBISPO, CA 95071
(805) 542-9605



MARGARITA RANCH - TRACT 2428

IMPROVEMENT PLANS
'N' STREET, STA. 14+00 - 17+00

PROJECT TITLE: SHEET TITLE:
DESIGNED BY: CZ
DRAWN BY: EA/EM
CHECKED BY: JF
APPROVED BY:
DATE: 10/15/2019
CITY SPECIFICATION NO.:
VERTICAL SCALE: 1"=20' / 1"=4'
SHEET NO.:



SHEET INDEX
N.T.S.

LEGEND

- BIORETENTION AREA
- CONCRETE

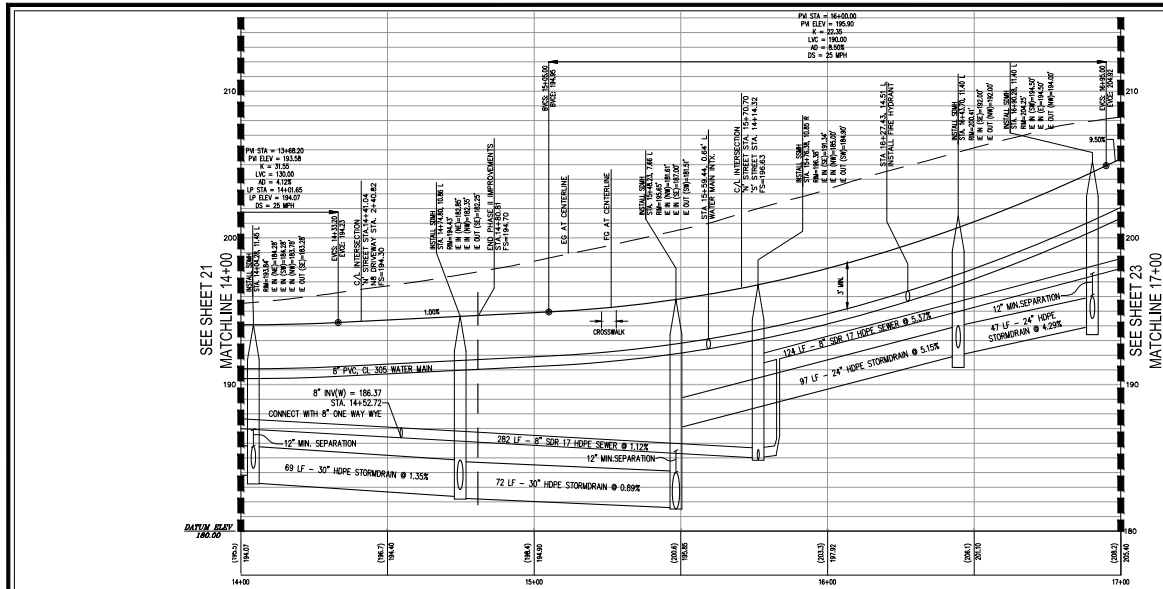
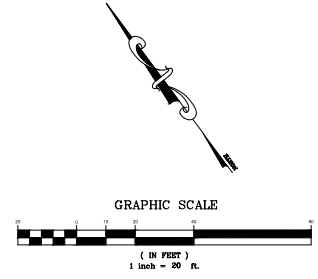
CONSTRUCTION NOTES:

1. USE CONSTRUCTION DETAIL SHEETS BY DETAIL NO.
2. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
3. MID-STATE JUNCTION STRUCTURE PER DETAIL 102, SHEET 84
4. CATCH BASIN - EXTENDED SIDE OPENING WITHOUT WEAP HOLES PER CITY STANDARD #3300
5. CATCH BASIN - SIDE OPENING PER CITY STANDARD #3300
6. INSTALL 1" WIDE CONCRETE GENERAL SIDEWALK PER CITY STD. 3410 AND DETAIL 108 SHEET 84 WITH DRAINAGE TO BIORETENTION AREA.
7. STORM DRAIN MANHOLE 30" PIPE AND LARGER PER CITY STANDARD #3500
8. STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #3500
9. 1" WATER SPACES PER CITY STANDARD #3620, INSTALL PVC SLEEVE FROM MET TO BACK OF SIDEWALK FOR FUTURE INSTALLATION OF HOUSE LATERAL.
10. RAIL LIGHT PER CITY STANDARD #7000
11. MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #3600
12. THE HYDRANT ASSEMBLY PER CITY STANDARD #3310
13. LATERAL PIPE MATERIAL - CLASS 300 PVC
14. WATERLINE TE-IN PER CITY STANDARD #3630
15. WATER VALVE & WELL PER CITY STANDARD #3630
16. BLOWOFF ASSEMBLY PER CITY STANDARD #3500
17. AIR/GAS RELEASE ASSEMBLY PER CITY STANDARD #3600
18. SEWER MANHOLE PER CITY STANDARD #3610
19. SEWER DROP MANHOLE PER CITY STANDARD #3620
20. SEWER LATERAL PER CITY STANDARD #3610
21. AND/OR CONCRETE JUNCTION DETAIL AT LATERAL SHALL BE EDGE OF PRIVATE DRIVE TRAVELED MAY AS APPLICABLE.
22. SEWER LATERAL PER CITY STANDARD #3610
23. SEWER BACKWATER VALVE "DANTEY" OR APPROVED EQUAL
24. THURST BLOCK DETAIL PER SLO COUNTY STANDARD #101, SHEET 85
25. MONUMENT AND WELL PER CITY STANDARD #3600
26. SPEED TABLE PER SHEET 83
27. CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD AREA SHEET 85 BY CITY STANDARD #3640
28. PIPE CURB VENT HEADWALLS STRAIGHT AND L PER CAL TRANS STANDARD DETAIL SHEET 85
29. MID STATE TRAFFIC PATED GRATE WITH VERTIBAR CATCH BASIN FILTER INSET PER DETAIL 80, SHEET 81
30. BEDROCK GRATE WITH FRAME PER MEDIAN #2-800, SHEET 80
31. MID STATE CATCH BASIN PER DETAIL SHEET 80
32. COMMERCIAL/INDUSTRIAL DRIVEWAY PER DETAIL 82, SHEET 84
33. STREET LIGHTING PER CITY STANDARD #7310
34. LIT LUMINAIRE TYPE "A" PER CITY STANDARD #7310
35. LIT ATTACHE GRATE PER DETAIL SHEET 80
36. DETAIL 102 PER DETAIL SHEET 84
37. MID STATE NON-TRAFFIC PATED GRATE
38. BIORETENTION PLANTER AREA
39. RECTANGULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
40. CIRCULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
41. STREET BRACKAGE PER CITY STANDARD DETAIL #3300
42. REMOVABLE ROLLAD PER CITY STANDARD DETAIL #7335
43. MESSON STYLE RAILING PER CITY STANDARD
44. DETAIL BENCH PARKING HEIGHT (O) TO BE 36"
45. FLARED END SECTION PER CALTRANS STANDARD DETAIL #2048, SHEET 85
46. MID STATE NON-TRAFFIC PATED GRATE WITH VERTIBAR CATCH BASIN FILTER INSET PER DETAIL SHEET 81
47. 2" WIDE SIDEWALK SIDEWALK WITH COVER PLATES PER CITY STANDARD #3640
48. REVEAL OF CURB OVERFLOW DRAIN PER CITY STD. 3415, INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE.
49. INSTALL HOLLOW CONCRETE CATCH PER DETAIL 82, SHEET 81 WITH WALKWAY LINE STAKES PER DETAIL 102, SHEET 84
50. DETAIL 102 PER DETAIL SHEET 84
51. 8" WIDE SIDEWALK SIDEWALK WITH COVER PLATES PER CITY STANDARD #3640
52. BIORETENTION AREA PER DETAIL 102, SHEET 83
53. INSTALL CLEANOUT TO SD PIPE PER DETAIL 95, SHEET 84
54. INSTALL 1/2" PROPORTED PVC PIPE PER DETAIL 103, SHEET 84
55. INSTALL 4" PVC PIPE
56. CONNECT TO CATCH BASIN
57. 8" PVC CONNECTION TO SD PIPE PER DETAIL 95, SHEET 84
58. CONNECT TO STORM DRAIN MANHOLE
59. TRENCHING PER 8" PVC PER CITY STANDARD #3600
60. 20" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
61. INSTALL 1/2" WIDE DRIVEWAY RAMP AND CONNECT TO CATCH BASIN
62. INSTALL TRUNCATED DOWNS PER DETAIL 85, SHEET 84
63. DETAIL 50, SHEET 80 AND CONNECT TO CATCH BASIN

RECORD DRAWINGS

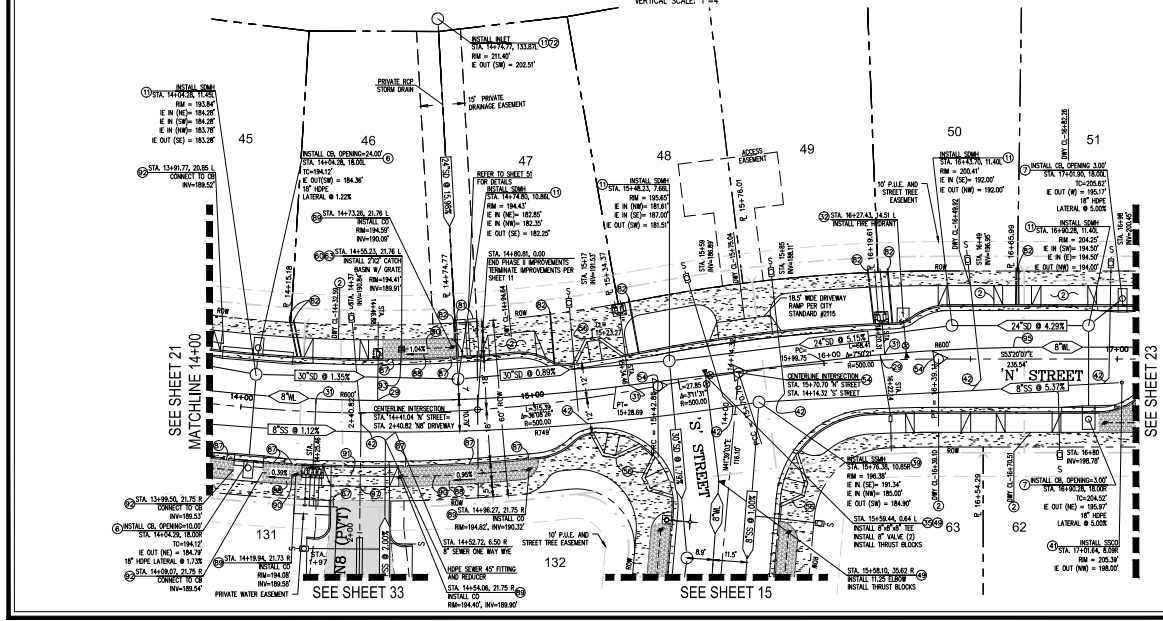
As of 10/15/2019

REVISIONS THIS SHEET:	DATE:



**'N' STREET
STA. 14+00.00 - 17+00.00**

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



SEE SHEET 21
MATCHLINE 14+00

SEE SHEET 23
MATCHLINE 17+00

SEE SHEET 33

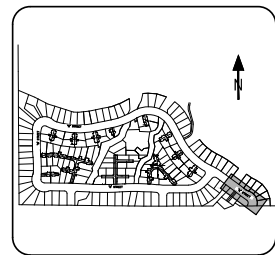
SEE SHEET 15



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MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
'N' STREET, STA. 17+00 - 19+91.49

PROJECT TITLE: SHEET TITLE:
 DESIGNED BY: CZ
 DRAWN BY: EA/EM
 CHECKED BY: JF
 APPROVED BY:
 DATE: 11/30/2015
 CITY SPECIFICATION NO.:
 HORIZONTAL SCALE: 1"=20' / 1"=4'
 SHEET NO. 23 OF 91



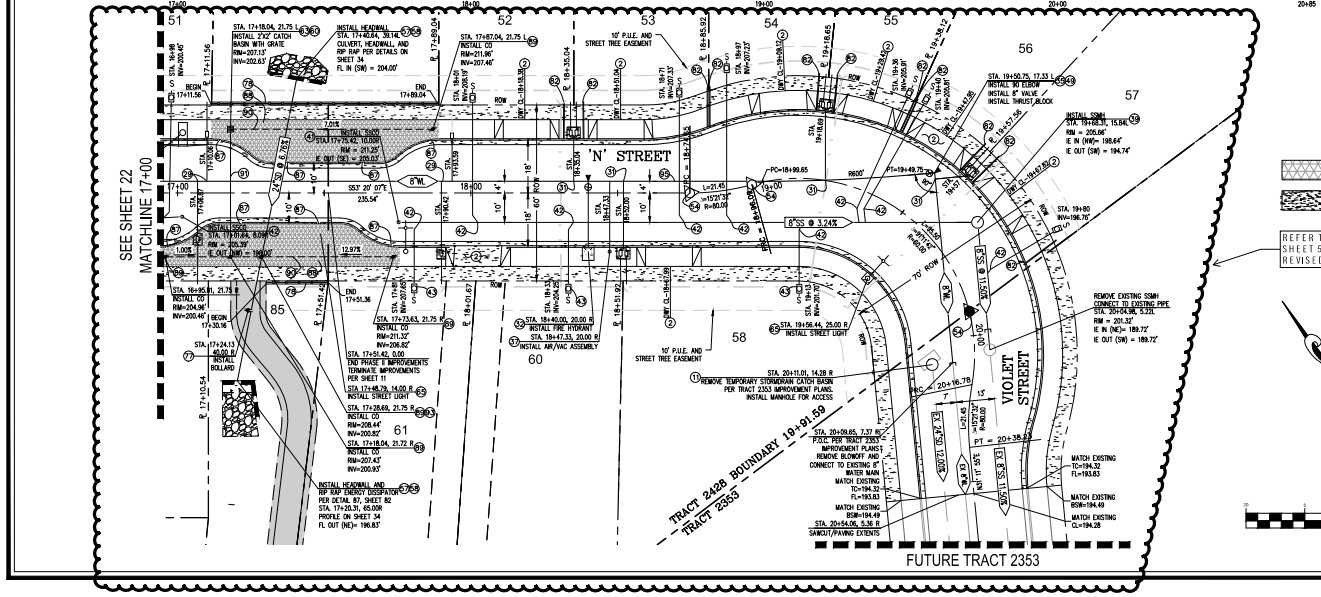
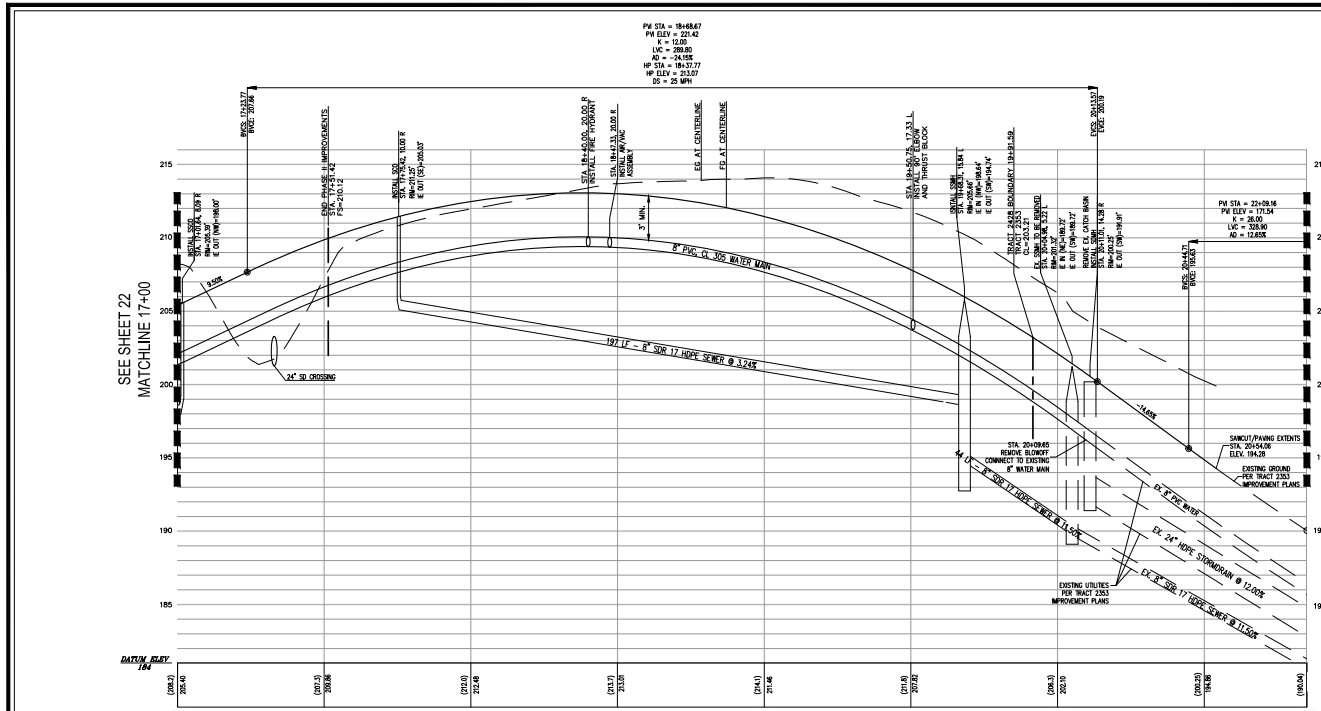
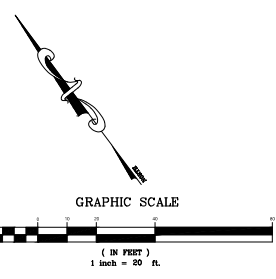
SHEET INDEX
N.T.S.

- CONSTRUCTION NOTES:**
- 1. (USE CONSTRUCTION DETAIL SHEETS 80 TO 83)
 - 2. 12" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
 - 3. MID-STATE JUNCTION STRUCTURE PER DETAIL 102, SHEET 81
 - 4. CATCH BASIN - EXTENDED SIDE OPENING WITHOUT WEEP HOLES PER CITY STANDARD #330
 - 5. CATCH BASIN - SIDE OPENING PER CITY STANDARD #3300
 - 6. INSTALL 2" WIRE CHAINWEEB SCREENS (UNDERDRAIN PER CITY STD. 3410 AND DETAIL 108 SHEET 84) WHEN DRAINING TO BIO-RETENTION AREA
 - 7. STORM DRAIN MANHOLE 30" PIPE AND LARGER PER CITY STANDARD #350
 - 8. STORM DRAIN MANHOLE 18" TO 30" PIPE PER CITY STANDARD #350
 - 9. 1" WATER SERVICES PER CITY STANDARD #2610, INSTALL PVC SERVICE FROM MET TO BACK OF SIDEWALK FOR FUTURE INSTALLATION OF HOUSE LATERAL
 - 10. LIGHT PER CITY STANDARD #700
 - 11. MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #350
 - 12. THE HYDRANT ASSEMBLY PER CITY STANDARD #3310
 - 13. LATERAL PIPE MATERIAL - CLASS 300 PVC
 - 14. WATERLINE 12" IN PER CITY STANDARD #330
 - 15. WATER VALVE & WELL PER CITY STANDARD #340
 - 16. BLOWOFF ASSEMBLY PER CITY STANDARD #330
 - 17. AIR/VACUUM RELEASE ASSEMBLY PER CITY STANDARD #330
 - 18. SEWER MANHOLE PER CITY STANDARD #350
 - 19. SEWER DROP MANHOLE PER CITY STANDARD #350
 - 20. SEWER LATERAL PER CITY STANDARD #350
 - 21. UNDER CONCRETE, 20" MIN. OF LATERAL SHALL BE EDGE OF PRIVATE DRIVE TRAVELED WAY AS APPLICABLE
 - 22. SEWER LATERAL PER CITY STANDARD #350
 - 23. SEWER BACKWATER VALVE "TOILET" OR APPROVED EQUAL
 - 24. THURST BLOCK DETAIL PER SLO COUNTY STANDARD W/1, SHEET 85
 - 25. MONUMENT AND WELL PER CITY STANDARD #3000
 - 26. SPEED TABLE PER SHEET 83
 - 27. CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD AND SHEET 85 PER CITY STANDARD #340
 - 28. PIPE CULVERT HEADWALLS, STRAIGHT AND L PER CAL TRANS STANDARD, SHEET 85
 - 29. MID STATE "TRAFFIC PATTERN" GRATE WITH VERTICAL CATCH BASIN (SEE DETAIL 108 PER DETAIL 80)
 - 30. BEDROCK GRATE WITH FRAME
 - 31. PER MEDIAN TO 2000, SHEET 80
 - 32. MID STATE CATCH BASIN PER DETAIL, SHEET 80
 - 33. COMMERCIAL/INDUSTRIAL DRIVEWAY
 - 34. PER DETAIL 82, SHEET 84
 - 35. SPEED LANDING PER CITY STANDARD #7310
 - 36. 1/2" LAMINATE PER CITY STANDARD #7310
 - 37. MID STATE "TRAFFIC PATTERN" GRATE
 - 38. DETAIL 108 PER DETAIL 80
 - 39. MID STATE NON-TRAFFIC PAVED GRATE
 - 40. BIO-RETENTION PLANTER AREA
 - 41. RECTANGULAR WELDED HEAVY AFRAM GRATE, SHEET 81
 - 42. CIRCULAR WELDED HEAVY AFRAM GRATE, SHEET 81
 - 43. STREET BRACKAGE PER CITY STANDARD DETAIL #7330
 - 44. REMOVABLE BOLLARD PER CITY STANDARD DETAIL #7335
 - 45. MESSON STYLE RAILING PER CITY STANDARD
 - 46. DETAIL #300, PAVING RIGHT (O) TO BE 36"
 - 47. FLARED END SECTION
 - 48. PER CALTRANS STANDARD DETAIL #304, SHEET 85
 - 49. MID STATE NON-TRAFFIC PAVED GRATE WITH CURBSTEP
 - 50. 1/2" LAMINATE PER CITY STANDARD #7310
 - 51. 7/8" DEEP SCREEN (UNDERDRAIN) WITH COVER PLATES PER CITY STANDARD #340
 - 52. 1/2" DEEP 1/2" C/P UNDERDRAIN PER CITY STD. 3415, INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE
 - 53. INSTALL HOLLOW BONES C124 PER DETAIL 82, SHEET 81 WITH 1/2" WELDED STEEL STAINLESS PER DETAIL 102, SHEET 84
 - 54. 1/2" WELDED STEEL STAINLESS PER DETAIL 102, SHEET 84
 - 55. 1/2" WELDED STEEL STAINLESS PER DETAIL 102, SHEET 84
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 - 100. 1/2" WELDED STEEL STAINLESS PER DETAIL 102, SHEET 84

'N' STREET
STA. 17+00.00 - 20+54.06
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

LEGEND

- BIORETENTION AREA
- CONCRETE
- REFER TO SHEET 004 FOR REVISED PLANS



PC STA = 15+88.67
 PV ELEV = 226.42
 K = 12.00
 LVC = 288.00
 AD = -24.00
 HP STA = 18+27.77
 HP ELEV = 212.07
 RS = 25 MIN

SEE SHEET 22
MATCHLINE 17+00

SEE SHEET 22
MATCHLINE 17+00

TRACT 2428 BOUNDARY 19+91.49
 TRACT 2353

FUTURE TRACT 2353



TETRA TECH
www.tetra-tech.com
7711 BANK ACADEM RD #110
SAN LUIS OBISPO, CA 95071
(805) 543-9005



MARGARITA RANCH - TRACT 2428

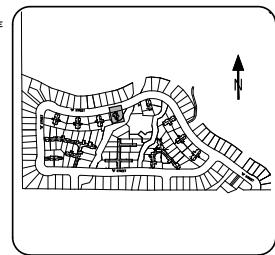
IMPROVEMENT PLANS
N3 & N4 PRIVATE DRIVEWAYS

PROJECT TITLE: SHEET TITLE:
DESIGNED BY: CZ
DRAWN BY: EA/EM
CHECKED BY: JF
APPROVED BY:

DATE: 10/15/2019
CITY SPECIFICATION NO.:

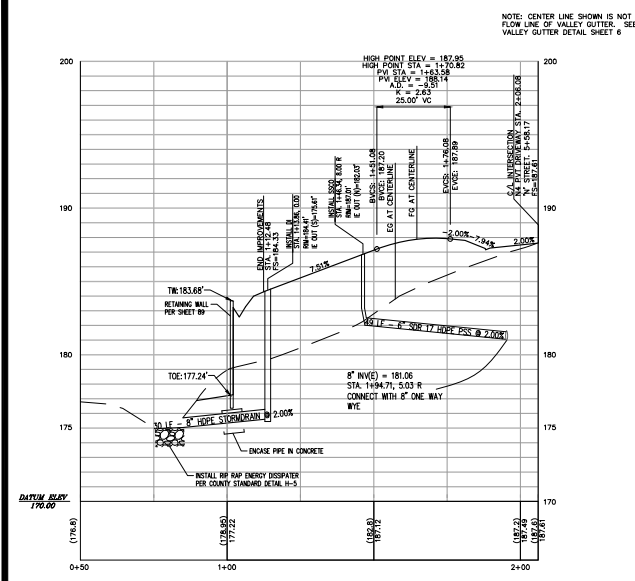
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VERTICAL SCALE: 1"=4'

SHEET NO. 31 of 91



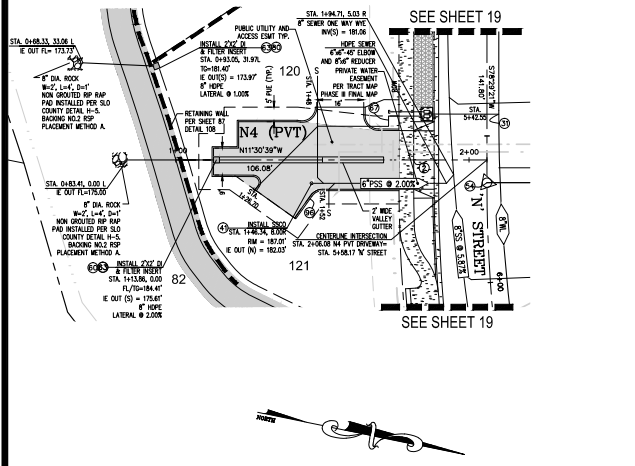
SHEET INDEX
N.T.S.

- CONSTRUCTION NOTES:**
- (1) USE CONSTRUCTION DETAIL SHEETS 80-82 (A)
 - (2) 14" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
 - (3) MID-STATE JUNCTION STRUCTURE PER DETAIL 102
 - (4) CATCH BASIN - EXTENDED SIDE OPENING WITHOUT WOOD HOLES PER CITY STANDARD #3300
 - (5) CATCH BASIN - SIDE OPENING PER CITY STANDARD #3300
 - (6) INSTALL 2" WIDE CONCRETE SEWER/STORM DRAIN PER CITY STD. 3410 AND DETAIL 108 SHEET 84 WHEN DRAINING TO BO-RETENTION AREA
 - (7) STORM DRAIN MANHOLE 30" PIPE AND LARGER PER CITY STANDARD #3500
 - (8) STORM DRAIN MANHOLE 18" TO 30" PIPE PER CITY STANDARD #3500
 - (9) 1" WATER SERVICES PER CITY STANDARD #3620, INSTALL PVC SERVICE FROM MET TO BACK OF HOUSE OR GARAGE FOR FUTURE INSTALLATION OF HOUSE LATERAL
 - (10) WALL LIGHT PER CITY STANDARD #7000
 - (11) MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #3600
 - (12) THE HYDRANT ASSEMBLY PER CITY STANDARD #3310
 - (13) LATERAL PIPE MATERIAL - CLASS 300 PVC
 - (14) WATERLINE TE-IN PER CITY STANDARD #3630
 - (15) WATER VALVE & WELL PER CITY STANDARD #3630
 - (16) BLOWOFF ASSEMBLY PER CITY STANDARD #3630
 - (17) SEWER MANHOLE PER CITY STANDARD #3600
 - (18) SEWER LATERAL PER CITY STANDARD #3600
 - (19) SEWER MANHOLE PER CITY STANDARD #3600
 - (20) SEWER DROP MANHOLE PER CITY STANDARD #3600
 - (21) SEWER BACKWATER VALVE "DANTEY" OR APPROVED EQUAL PER CITY STANDARD #3600
 - (22) THURST BLOCK DETAIL PER SLO COUNTY STANDARD #101, SHEET 80
 - (23) MONUMENT AND WELL PER CITY STANDARD #3600
 - (24) SPEED RAMP PER DETAIL 83
 - (25) CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD AREA SHEET 84 PER CITY STANDARD #3600
 - (26) PIPE CULVERT HEADWALLS, STRAIGHT AND L PER CAL TRANS STANDARD #300, SHEET 85
 - (27) MID STATE TRAFFIC PATED GRATE WITH VESTIBUL CATCH BASIN PER DETAIL 80, SHEET 81
 - (28) BEDROCK GRATE WITH FRAME PER MEDIAN #2000, SHEET 80
 - (29) MID STATE CATCH BASIN PER DETAIL SHEET 80
 - (30) COMMERCIAL/INDUSTRIAL DRIVEWAY PER DETAIL SHEET 84
 - (31) STREET LIGHTING PER CITY STANDARD #7910
 - (32) LIFT LAMINATE PER CITY STANDARD #7910
 - (33) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (34) 2" WIDE SEWER/STORM DRAIN PER CITY STD. 3415, INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE
 - (35) INSTALL HOLLOW BONES CISA PER DETAIL 82, SHEET 81 WITH WALKWAY LINE STAKES PER DETAIL 100, SHEET 84
 - (36) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (37) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (38) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (39) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (40) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (41) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (42) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
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 - (48) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (49) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600
 - (50) 2" WIDE SEWER/STORM DRAIN WITH COVER PLATES PER CITY STANDARD #3600



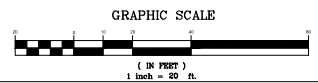
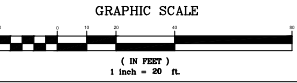
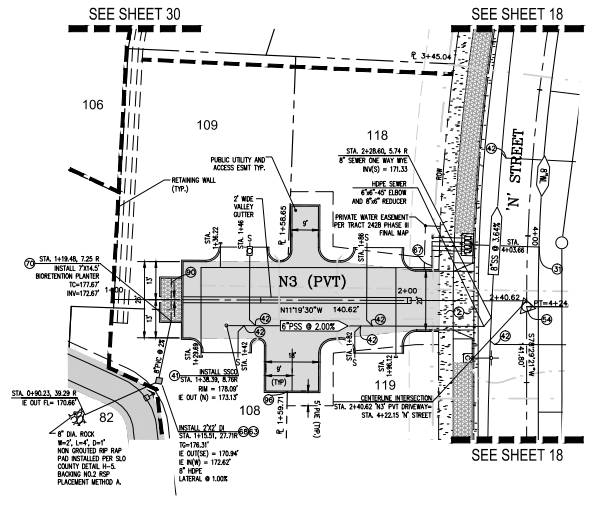
N4 PRIVATE DRIVEWAY
STA. 1+00.00 - 2+06.08

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



N3 PRIVATE DRIVEWAY
STA. 1+00.00 - 2+40.62

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

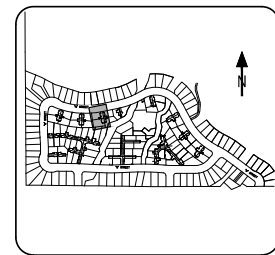


RECORD DRAWINGS

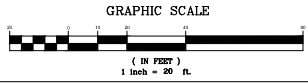
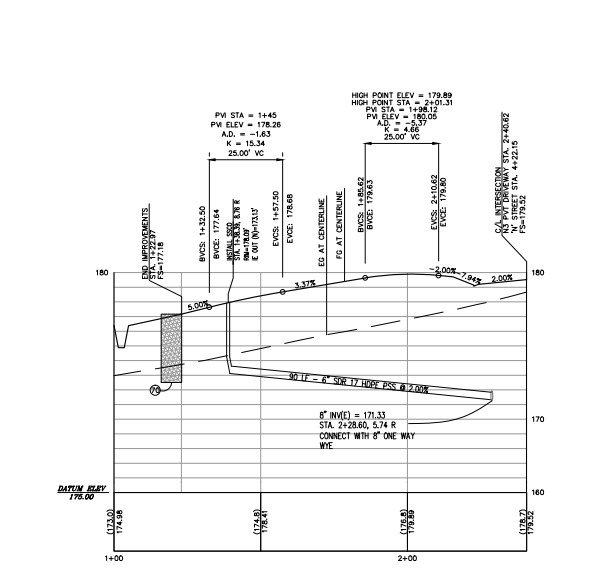
DATE: 10/15/2019

REVISIONS THIS SHEET:

▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:



SHEET INDEX
N.T.S.



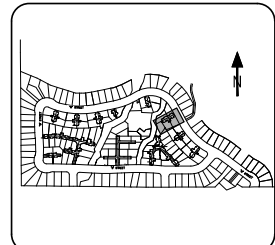


MARGARITA RANCH - TRACT 2428

IMPROVEMENT PLANS
N5 & N6 PVT DRIVEWAYS

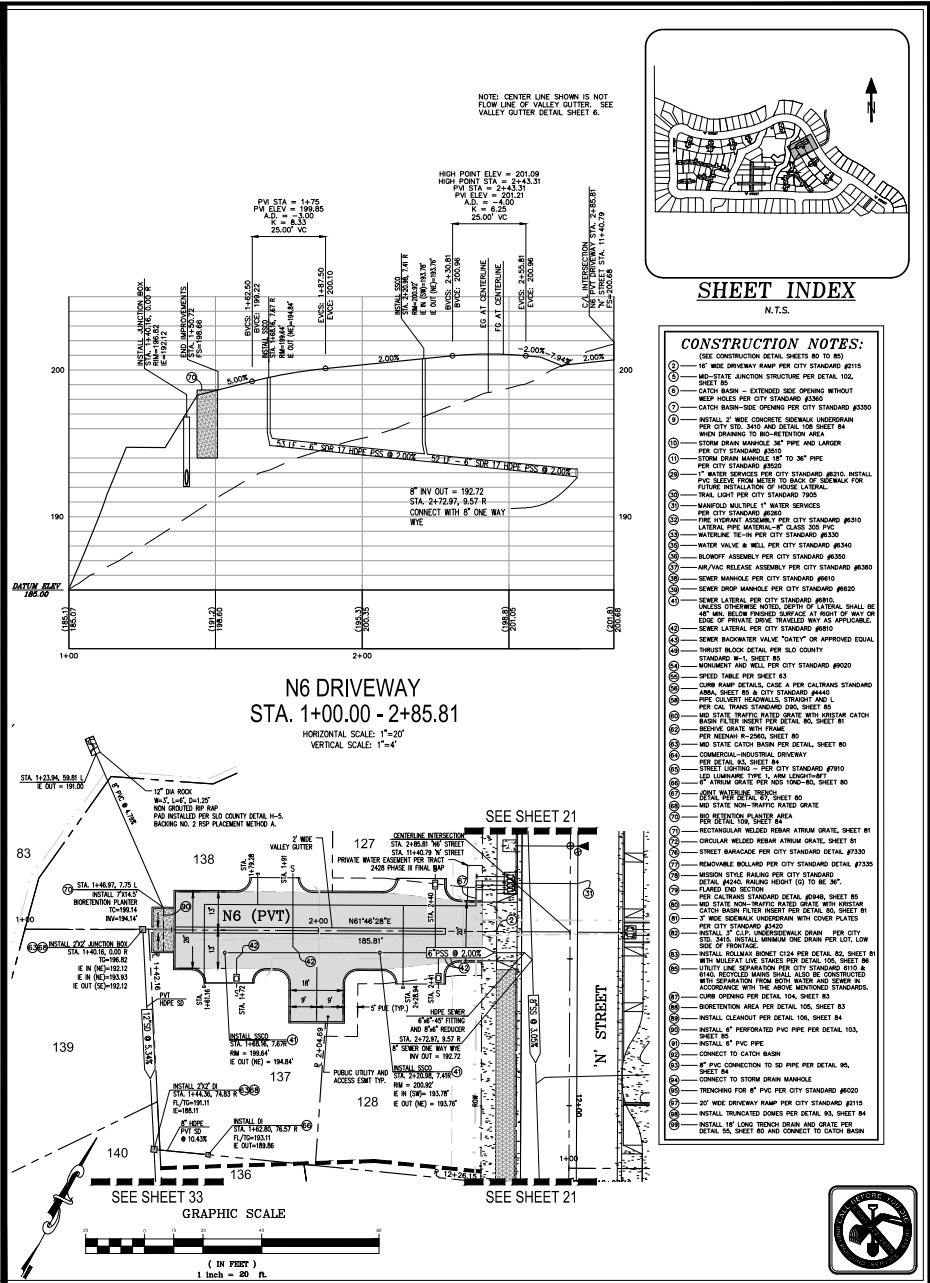
PRODUCT TITLE
SHEET TITLE

DESIGNED BY: CZ
DRAWN BY: EA/EM
CHECKED BY: JF
APPROVED BY:
DATE: 11/20/2015
CITY SPECIFICATION NO.:
PIV SCALE RATIO: 1"=20'/1"=4"
SHEET NO.

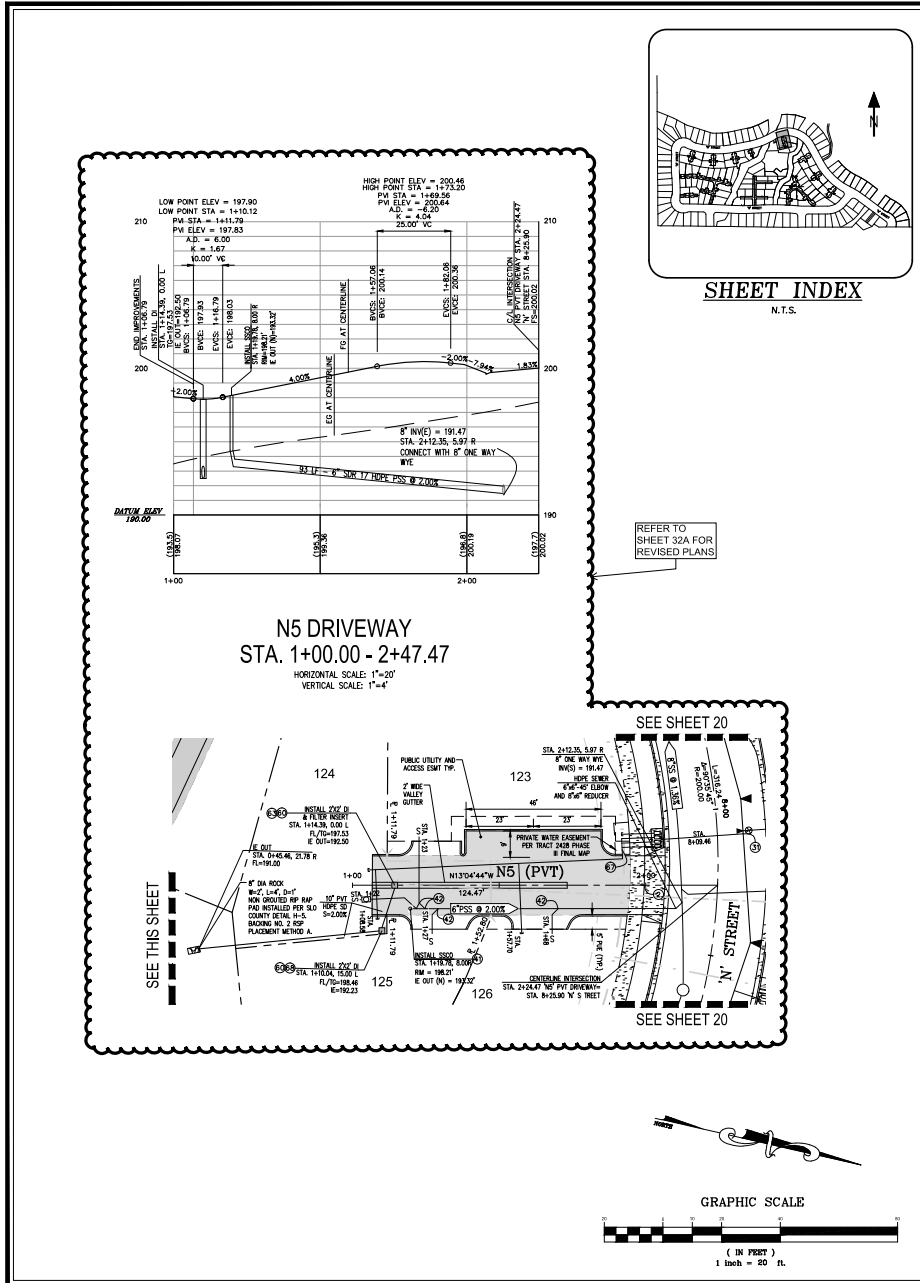
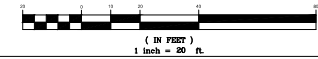


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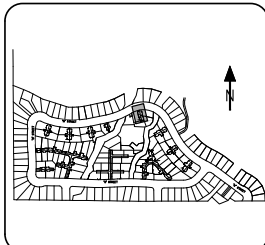
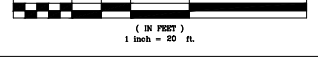
- CONSTRUCTION NOTES:**
- 1 USE CONSTRUCTION DETAIL SHEETS 80 TO 85
 - 2 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
 - 3 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
 - 4 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
 - 5 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
 - 6 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
 - 7 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
 - 8 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
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 - 93 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #3115
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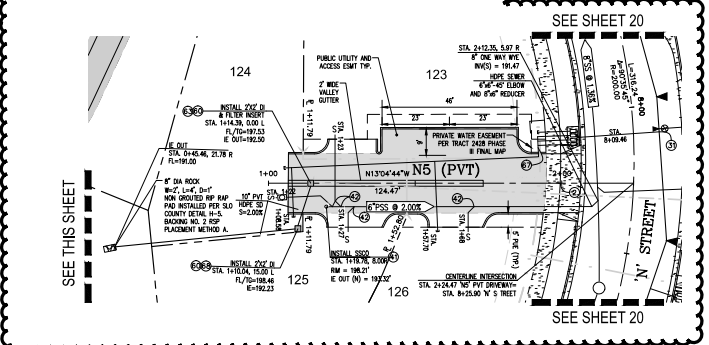
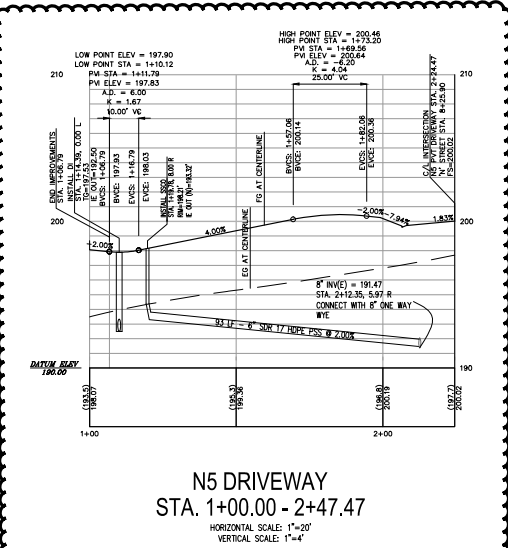
N6 DRIVEWAY
STA. 1+00.00 - 2+85.81
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



N5 DRIVEWAY
STA. 1+00.00 - 2+47.47
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



SHEET INDEX
N.T.S.





TETRA TECH



MARGARITA RANCH - TRACT 2428

IMPROVEMENT PLANS NG & N6 PVT DRIVEWAYS

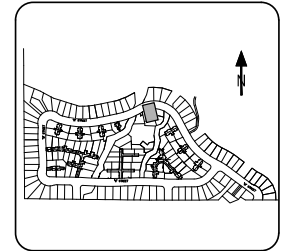
SHEET TITLE

DESIGNED BY: OF
DRAWN BY: OF
INTERED BY: CZ
CHECKED BY:

DATE: 01/13/2019
CITY SPECIFICATION NO.:

H/V SCALE RATIO: 1" = 20' / 1" = 4'

SHEET NO.



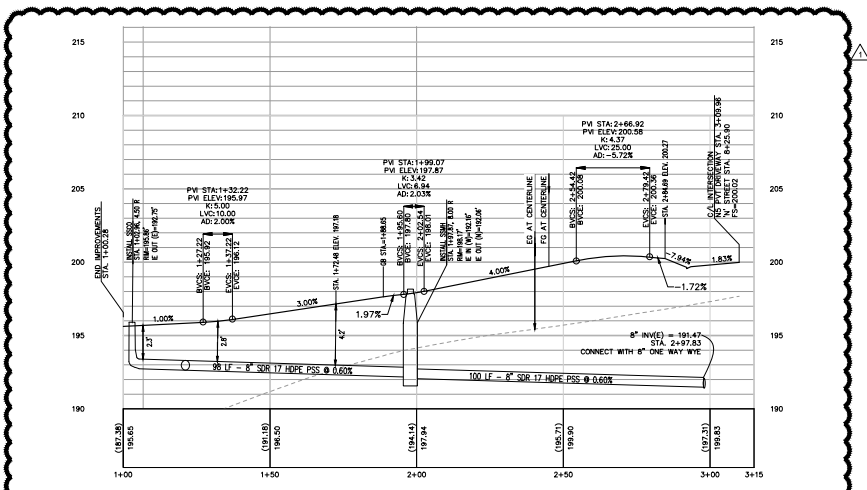
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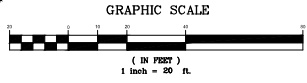
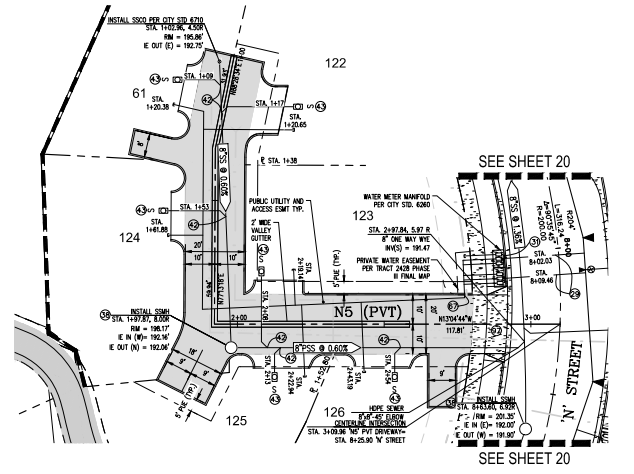
CONSTRUCTION NOTES:

- (1) ONE CONSTRUCTION DETAIL SHEETS 80 TO 83
- (2) 1/2" WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
- (3) 1/2" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. #2115
- (4) CATCH BASIN - EXTENDED SIDE OPENING WITHOUT KEEP HOLES PER CITY STANDARD #3300
- (5) CATCH BASIN-SIDE OPENING PER CITY STANDARD #3300
- (6) INSTALL 2" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. #2115 AND DETAIL 106 SHEET 84
- (7) WIDE SIDEWALK PER CITY STANDARD #2115
- (8) 2" WIDE SIDEWALK PER CITY STANDARD #2115
- (9) 2" WIDE SIDEWALK PER CITY STANDARD #2115
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- (30) 2" WIDE SIDEWALK PER CITY STANDARD #2115
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- (32) 2" WIDE SIDEWALK PER CITY STANDARD #2115
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- (49) 2" WIDE SIDEWALK PER CITY STANDARD #2115
- (50) 2" WIDE SIDEWALK PER CITY STANDARD #2115

RECORD DRAWINGS
JASON L. FASSEL, PE
DATE: 07/05/2019
REVISIONS THIS SHEET:
REVISIONS THIS SHEET:
REVISIONS THIS SHEET:
REVISIONS THIS SHEET:



N5 DRIVEWAY
STA. 1+00.00 - 3+15.00
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'





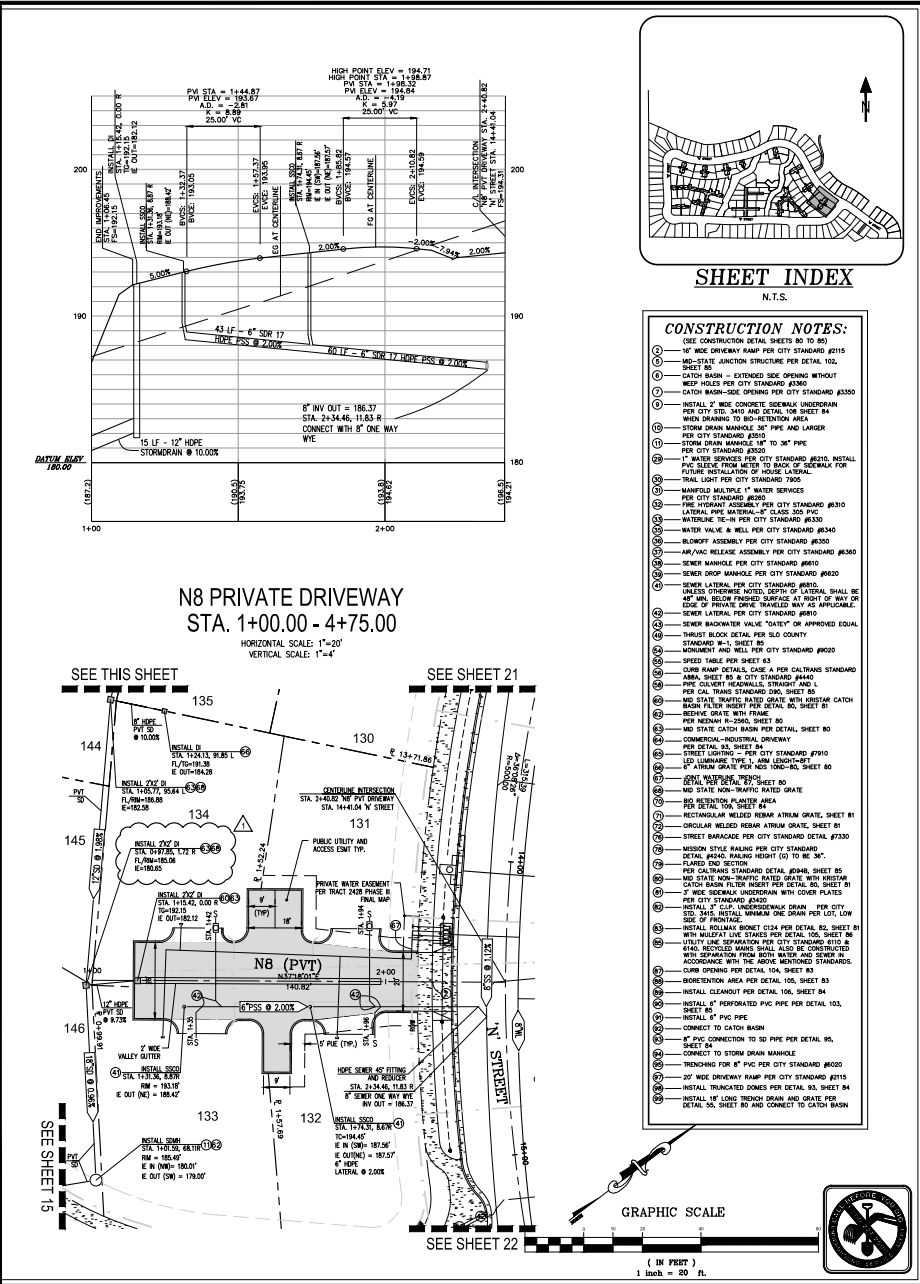
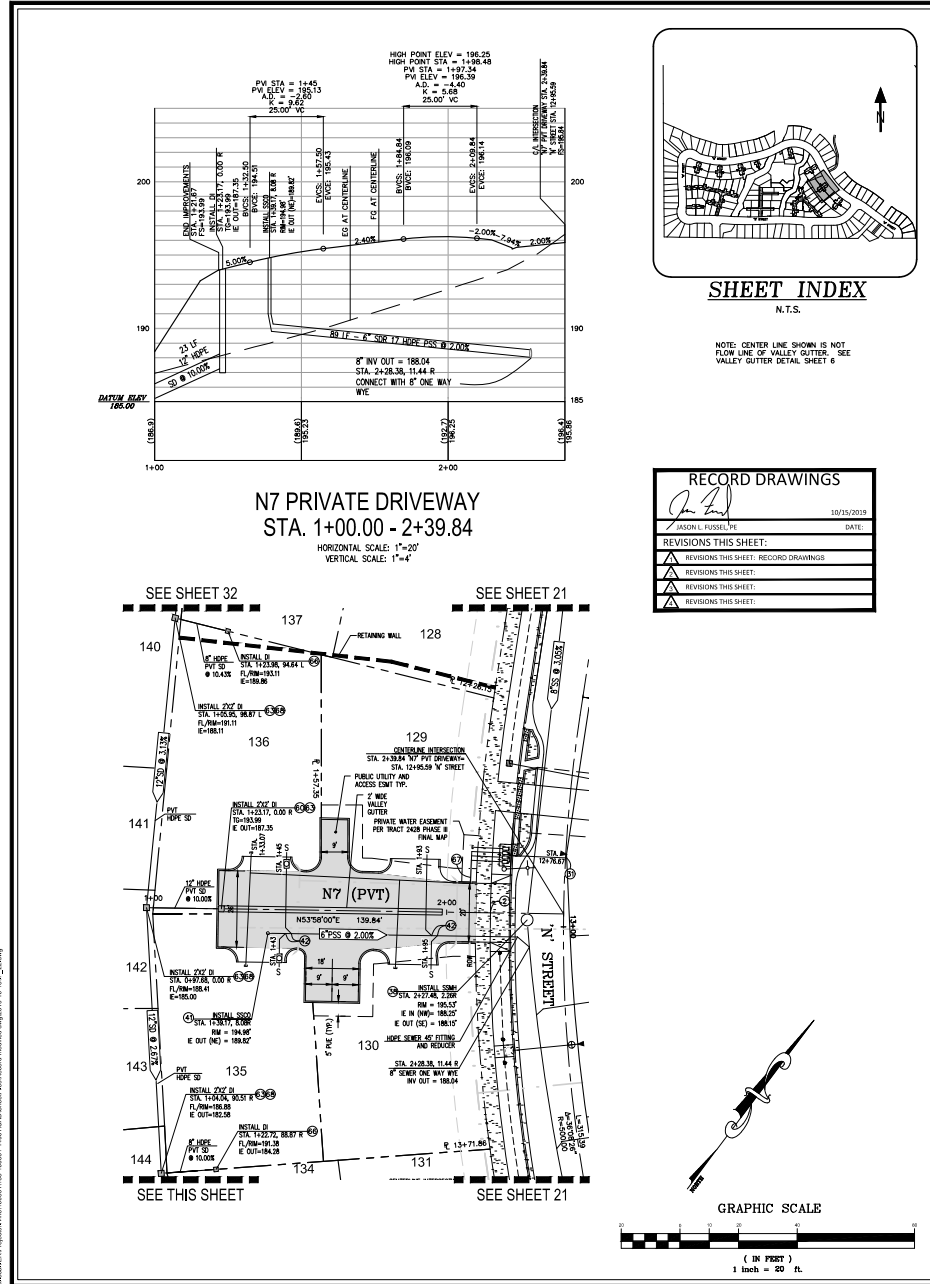
TETRA TECH
www.tetra-tech.com
7111 TANK FARM ROAD, SUITE 110
SAN LUIS OBISPO, CA 93401
(805) 542-8929



MARGARITA RANCH - TRACT 2428

IMPROVEMENT PLANS
N7 & N8 PRIVATE DRIVEWAYS

PROJECT/TITLE
SHEET TITLE
DESIGNED BY: CZ
DRAWN BY: FP
CHECKED BY: JF
APPROVED BY:
DATE: 10/15/2019
CITY SPECIFICATION NO.
11/1 SCALE RATIO:
1" = 20' / 1" = 4'
SHEET NO.

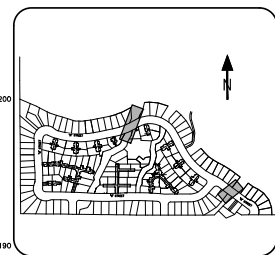




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SANTA LUIS OBISPO, CA 95061
(805) 543-9605

MARGARITA RANCH - TRACT 2428

PROJECT TITLE: IMPROVEMENT PLANS
SHEET FILE: NW & E DRAINAGES
DESIGNED BY: CZ
CHECKED BY: EA/EM
DATE: 10/15/2019
CITY SPECIFICATION NO.:
HORIZONTAL SCALE: 1"=20' / 1"=4'
SHEET NO. 34 of 91



- CONSTRUCTION NOTES:**
(SEE CONSTRUCTION DETAIL SHEETS NO. TO #)
- 1) 15' WIDE DRIVEWAY RAMP PER CITY STANDARD #2115
 - 2) MD-STATE ANCHOR STRUCTURE PER DETAIL 105, SHEET 84
 - 3) CATCH BASIN - EXTENDED SIDE OPENING WITHOUT WEEP HOLES PER CITY STANDARD #3300
 - 4) CATCH BASIN-SIDE OPENING PER CITY STANDARD #3300
 - 5) METAL 1" NEW CONCRETE GENERAL UNDERDRAIN PER CITY STD. 3410 AND DETAIL 108 SHEET 84 WITH GRADING TO 3" BEHIND AREA
 - 6) STORM DRAIN MANHOLE 36" PIPE AND LARGER PER CITY STANDARD #3600
 - 7) STORM DRAIN MANHOLE 18" TO 36" PIPE PER CITY STANDARD #3600
 - 8) 1" WATER SERVICES PER CITY STANDARD #2210, INSTALL PVC SERVICE FROM MAIN TO SERVICE CONNECTION FOR FUTURE INSTALLATION OF HOUSE LATERAL - FINAL LIGHT PER CITY STANDARD 1900
 - 9) MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #2200
 - 10) PERFORM ASSEMBLY PER CITY STANDARD #3010 LATERAL PIPE MANHOLE - CLASS 2000 PVC
 - 11) WATER VALVE 18" IN PER CITY STANDARD #3600
 - 12) WATER VALVE & WELL PER CITY STANDARD #3600
 - 13) BLOWOFF ASSEMBLY PER CITY STANDARD #3600
 - 14) AIR/VAC RELEASE ASSEMBLY PER CITY STANDARD #3600
 - 15) SEWER MANHOLE PER CITY STANDARD #3600
 - 16) SEWER DROP MANHOLE PER CITY STANDARD #3600
 - 17) SEWER LATERAL PER CITY STANDARD #3600
 - 18) SEWER LATERAL PER CITY STANDARD #3600, COPIES OF LATERAL SHALL BE BY EDGE OF PRIVATE DRIVE TRAVELED WAY AS APPLICABLE.
 - 19) SEWER LATERAL PER CITY STANDARD #3600
 - 20) SEWER BACKWATER VALVE "GATEY" OR APPROVED EQUAL
 - 21) THRUST BLOCK DETAIL PER SLO COUNTY STANDARD #1-1, SHEET 85
 - 22) MONUMENT AND WELL PER CITY STANDARD #3600
 - 23) DRESS TRAIL PER SHEET 81
 - 24) CURB RAMP DETAILS, CASE A PER CALTRANS STANDARD AREA SHEET 85 & CITY STANDARD #3600
 - 25) PIPE CULVERT HEADWALLS, STRAIGHT AND L PER CAL TRANS STANDARD 001, SHEET 81
 - 26) MD STATE TRAFFIC PAVED GRATE WITH VESTIBULAR CATCH BASIN FILTER INSET PER DETAIL 81
 - 27) REINFORCED CONCRETE TRAFFIC PAVED GRATE PER MD STATE #2061, SHEET 80
 - 28) MD STATE CATCH BASIN PER DETAIL SHEET 80
 - 29) COMMERCIAL-INDUSTRIAL DRIVEWAY PER DETAIL 85, SHEET 84
 - 30) STREET LIGHTING PER CITY STANDARD #3910
 - 31) 120 LUMINAIR 120" W. 120" H. LED LIGHTING PER CITY STANDARD #3910
 - 32) DETAIL 108 SHEET 84
 - 33) MD STATE NON-TRAFFIC PAVED GRATE
 - 34) REINFORCED PLANTER AREA
 - 35) RECTANGULAR WELDED REBAR AFRUM GRATE, SHEET 81
 - 36) CIRCULAR WELDED REBAR AFRUM GRATE, SHEET 81
 - 37) STREET MANHOLE PER CITY STANDARD DETAIL #3300
 - 38) REMOVABLE BOLLARD PER CITY STANDARD DETAIL #2335
 - 39) MESSON STYLE BALING PER CITY STANDARD
 - 40) DETAIL #3000, RAISING HEIGHT (G) TO BE 96"
 - 41) FLARED END SECTION
 - 42) MD STATE NON-TRAFFIC PAVED GRATE WITH DRAINAGE PER DETAIL 85, SHEET 84
 - 43) 2" REINFORCED UNDERDRAIN WITH COVER PLATES PER CITY STANDARD #3400
 - 44) METAL 1" CONCRETE UNDERDRAIN PER CITY STD. 3410, INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE
 - 45) METAL BOLLARD BOMET C234 PER DETAIL 82, SHEET 81 WITH MINIMUM ONE STAKE PER DETAIL 105, SHEET 84
 - 46) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 47) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 48) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 49) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 50) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 51) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
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 - 58) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
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 - 61) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 62) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 63) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 64) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 65) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 66) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 67) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 68) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 69) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 70) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
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 - 72) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
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 - 74) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
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 - 81) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 82) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 83) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 84) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 85) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
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 - 87) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
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 - 89) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 90) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 91) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 92) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 93) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 94) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 95) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 96) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 97) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 98) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 99) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84
 - 100) 16" MD STATE TRAFFIC PAVED GRATE PER DETAIL 85, SHEET 84

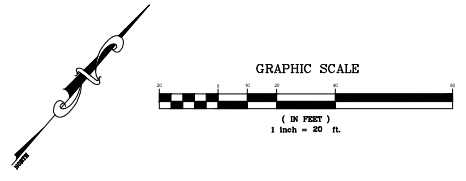
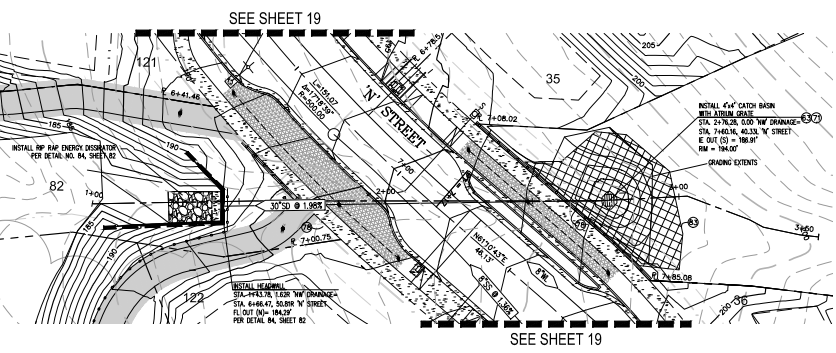
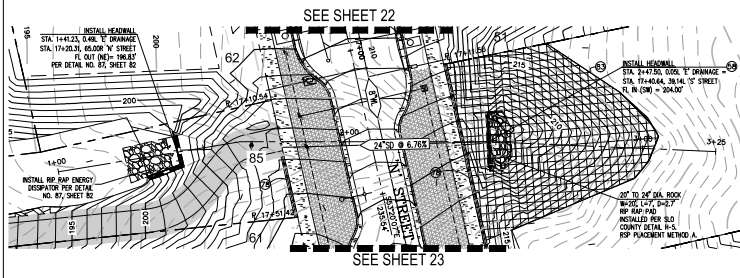
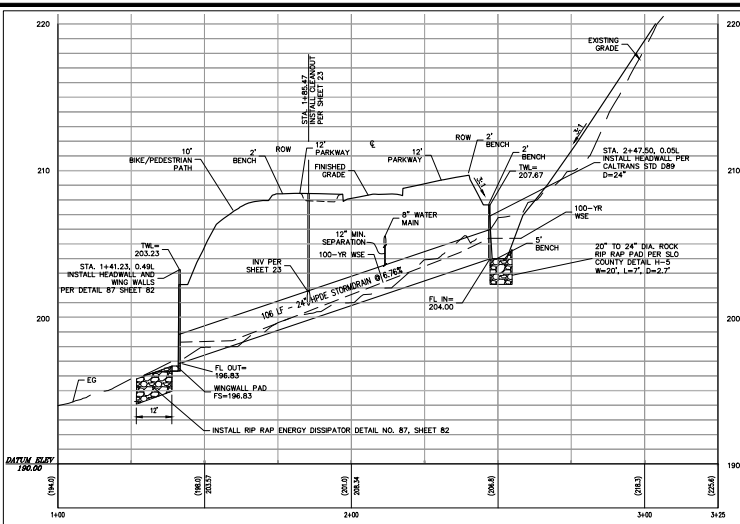
RECORD DRAWINGS

DATE: 10/15/2019

REVISIONS THIS SHEET:

▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:
▲	REVISIONS THIS SHEET:

NW DRAINAGE
STA. 1+00.00 - 3+50.00
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

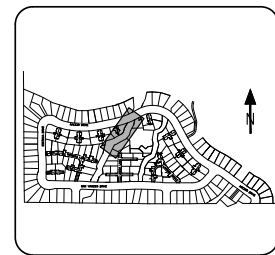




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MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
TRAILS WEST STA 13+00 - 15+65.27

PROJECT TITLE: MARGARITA RANCH - TRACT 2428
SHEET TITLE: IMPROVEMENT PLANS
DESIGNED BY: CZ
CHECKED BY: EA/EM
APPROVED BY: JF
DATE: 10/15/2019
CITY SPECIFICATION NO.:
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'
SHEET NO. 40 of 91



SHEET INDEX
N.T.S.

CONSTRUCTION NOTES:

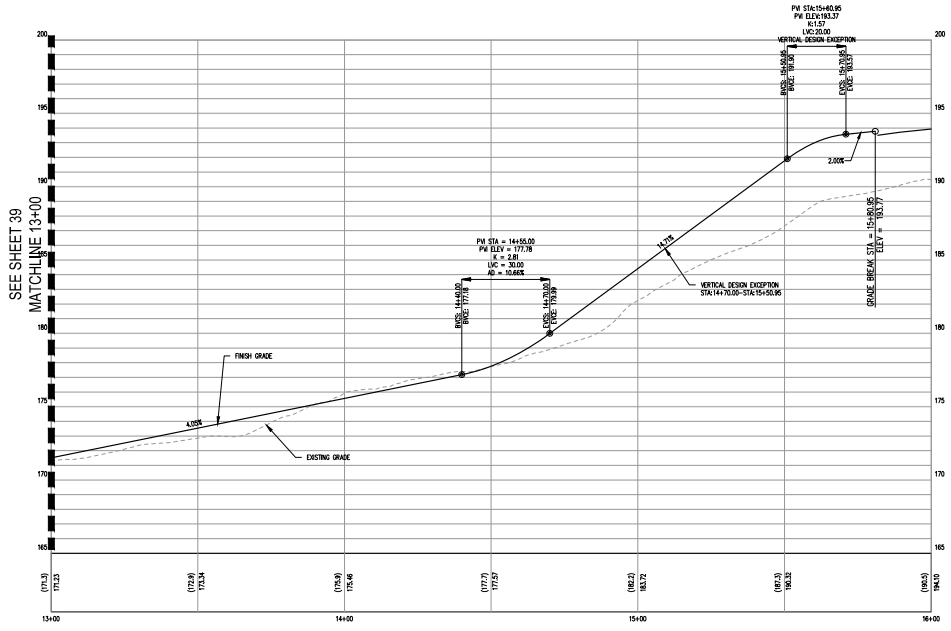
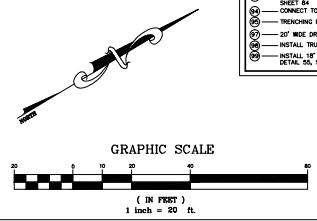
- 1. USE CONSTRUCTION DETAIL SHEETS 80 TO 85
- 2. 4" WIDE DRAINAGE RAMP PER CITY STANDARD #215
- 3. MID-STATE JUNCTION STRUCTURE FOR DETAIL 10L
- 4. CATCH BASIN - EXTENDED SIDE OPENING WITHOUT STEEP SLOPE PER CITY STANDARD #310
- 5. CATCH BASIN-SEE OPENING PER CITY STANDARD #330
- 6. INSTALL 2" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. 240 AND DETAIL 10L SHEET 84 WHEN DRAINING TO 80-RETENTION AREA
- 7. STONE DRAIN MANHOLE 30" PIPE AND LARGER PER CITY STANDARD #310
- 8. STONE DRAIN MANHOLE UP TO 30" PIPE PER CITY STANDARD #320
- 9. 1" WATER SERVICES PER CITY STANDARD #210. INSTALL PVC SLEEVE FROM METER TO BACK OF SIDEWALK FOR FUTURE INSTALLATION OF HOUSE LATERAL.
- 10. WALL LIGHT PER CITY STANDARD 7005
- 11. MANHOLE MULTIPLE 7" WATER SERVICES PER CITY STANDARD #210
- 12. FIRE HYDRANT ASSEMBLY PER CITY STANDARD #210
- 13. LATERAL PIPE UNDERGROUND CLASS 300 PVC
- 14. WATERLINE 16-18" PER CITY STANDARD #210
- 15. WATER VALVE & WELL PER CITY STANDARD #340
- 16. BLOWOFF ASSEMBLY PER CITY STANDARD #350
- 17. AIR/VAC RELEASE ASSEMBLY PER CITY STANDARD #360
- 18. SEWER MANHOLE PER CITY STANDARD #360
- 19. SEWER DROP MANHOLE PER CITY STANDARD #360
- 20. SEWER LATERAL PER CITY STANDARD #360S
- 21. SEWER LATERAL PER CITY STANDARD #360S SHALL BE 18" MIN. BELOW FINISHED SURFACE AT RIGHT OF WAY OR EDGE OF PRIVATE DRIVE UNLESS OTHERWISE APPROVED.
- 22. SEWER LATERAL PER CITY STANDARD #360S
- 23. SEWER BACKWATER VALVE "DAILY" OR APPROVED EQUAL
- 24. STREET BLOCK DETAIL PER SLO COUNTY STANDARD W-1, SHEET 86
- 25. MONUMENT AND WELL PER CITY STANDARD #300
- 26. SPEED TABLE PER SHEET 83
- 27. CURB RAMP DETAILS ONE A PER CALTRANS STANDARD
- 28. M&A, SHEET 80 & CITY STANDARD #440
- 29. 3" DIA. SILENT HEADLAMPS STRAIGHT AND L
- 30. PER CAL TRANS STANDARD 590, SHEET 85
- 31. MID STATE TRAFFIC RATED GRATE WITH GREASE CATCH BASIN FILTER INSERT PER DETAIL 80, SHEET 81
- 32. REINFORCING WITH FRAME
- 33. PER M&A R-2500, SHEET 80
- 34. MID STATE CATCH BASIN PER DETAIL, SHEET 80
- 35. COMMERCIAL-INDUSTRIAL DRIVEWAY PER DETAIL 80, SHEET 80
- 36. STREET LIGHTING - PER CITY STANDARD #710
- 37. 18" LUMINOUS OPTIC AREA LIGHTING
- 38. 18" WALKWAY LIGHTING
- 39. 18" WALKWAY LIGHTING
- 40. MID STATE NON-TRAFFIC RATED GRATE
- 41. 18" WALKWAY LIGHTING
- 42. 18" WALKWAY LIGHTING
- 43. 18" WALKWAY LIGHTING
- 44. 18" WALKWAY LIGHTING
- 45. 18" WALKWAY LIGHTING
- 46. 18" WALKWAY LIGHTING
- 47. 18" WALKWAY LIGHTING
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- 50. 18" WALKWAY LIGHTING

RECORD DRAWINGS

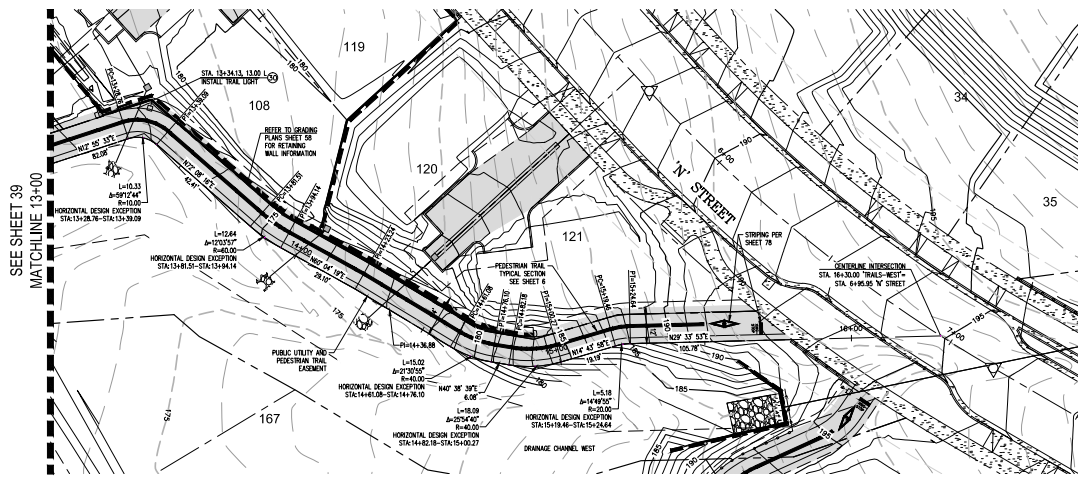
DATE: 10/15/2019

JASON L. FUSSELL PE

REVISIONS THIS SHEET:



TRAIL-WEST
STA. 13+00.00 - 15+65.27
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

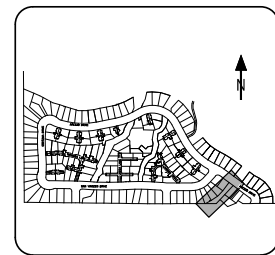




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MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
TRAILS EAST STA. 10+00 - 12+05.18

PROJECT TITLE: _____
SHEET TITLE: _____
DESIGNED BY: CZ
DRAWN BY: FP
CHECKED BY: JF
APPROVED BY: _____
DATE: 10/15/2019
CITY SPECIFICATION NO.: _____
1" VERTICAL RATIO: 1"=20' / 1"=4'
SHEET NO. 44 of 91



SHEET INDEX
N.T.S.

CONSTRUCTION NOTES:

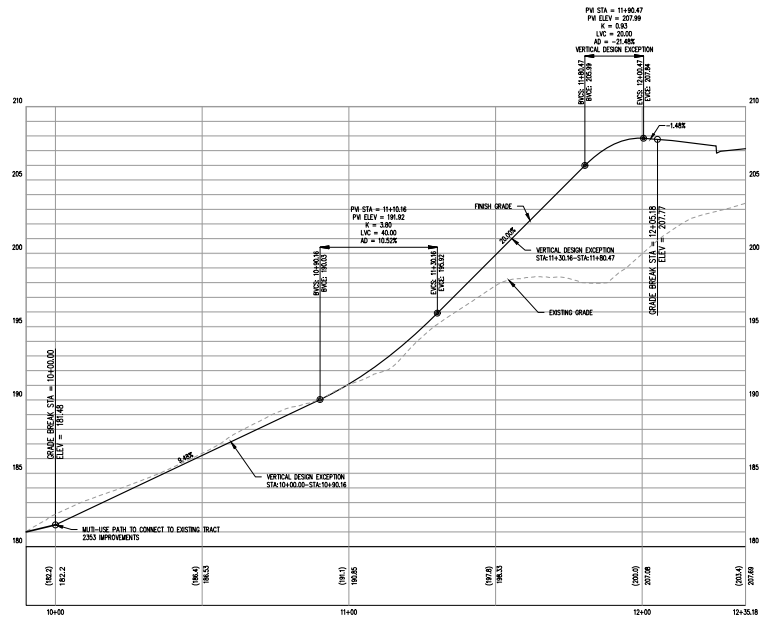
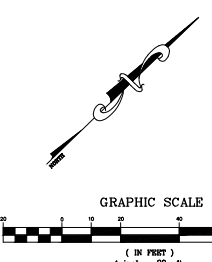
- ① USE CONSTRUCTION DETAIL SHEETS 80 TO 83
- ② 4' WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- ③ MID-STATE JUNCTION STRUCTURE FOR DETAIL 102, SHEET 81
- ④ CATCH BASIN - EXTENDED SIDE OPENING WITHOUT SHEET PILES PER CITY STANDARD #3367
- ⑤ CATCH BASIN-GRADE OPENING PER CITY STANDARD #3360
- ⑥ INSTALL 7" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. 3440 AND DETAIL 104 SHEET 84 WHEN DRAINING TO 80-RETENTION AREA
- ⑦ STONE DRAIN MANHOLE 30" PIPE AND LARGER PER CITY STANDARD #810
- ⑧ STONE DRAIN MANHOLE 18" TO 30" PIPE PER CITY STANDARD #820
- ⑨ WATER SERVICES PER CITY STANDARD #6210, INSTALL PVC SLEEVE FROM METER TO BACK OF SIDEWALK FOR WATER INSTALLATION OF HOUSE LATERAL
- ⑩ WALL LIGHT PER CITY STANDARD 7905
- ⑪ MANHOLE MULTIPLE WATER SERVICES PER CITY STANDARD #6200
- ⑫ FIRE HYDRANT ASSEMBLY PER CITY STANDARD #6310
- ⑬ LATERAL PVC MATERIAL CLASS 300 PVC PER CITY STANDARD #6330
- ⑭ WATER VALVE & WELL PER CITY STANDARD #6340
- ⑮ BLOWOFF ASSEMBLY PER CITY STANDARD #6360
- ⑯ AIR/VAC RELEASE ASSEMBLY PER CITY STANDARD #6380
- ⑰ SEWER MANHOLE PER CITY STANDARD #6610
- ⑱ SEWER SHOT MANHOLE PER CITY STANDARD #6620
- ⑲ SEWER LATERAL PER CITY STANDARD #6650
- ⑳ SEWER LATERAL PER CITY STANDARD #6650 SHALL BE 18" MIN. BELOW FINISHED SURFACE AT RIGHT OF WAY OR EDGE OF PRIVATE DRIVE, UNLESS OTHERWISE APPLICABLE.
- ㉑ SEWER LATERAL PER CITY STANDARD #6650
- ㉒ SEWER BACKWATER VALVE "DUAL" OR APPROVED EQUAL
- ㉓ STREET BLOCK DETAIL PER SLO COUNTY STANDARD W-1, SHEET 86
- ㉔ MONUMENT AND WELL PER CITY STANDARD #9000
- ㉕ SPEED TABLE PER SHEET 83
- ㉖ CURB RAMP DETAILS ONE A PER CALTRANS STANDARD #484, SHEET 80 & CITY STANDARD #4441
- ㉗ PIPE SILVERT MANHOLE STRAIGHT AND PER CAL TRANS STANDARD 590, SHEET 85
- ㉘ MID STATE TRAFFIC RATED GRATE WITH METEOR CATCH BASIN FILTER INSERT PER DETAIL 80, SHEET 81
- ㉙ METEOR GRATE WITH FRAME
- ㉚ PER HEDWAY R-2500, SHEET 80
- ㉛ MID STATE CATCH BASIN PER DETAIL SHEET 80
- ㉜ COMMERCIAL-INDUSTRIAL DRIVEWAY PER DETAIL 83, SHEET 81
- ㉝ STREET LIGHTING - PER CITY STANDARD #7910
- ㉞ 18" LUMINOUS, TYPE 1, AREA LIGHTING PER CITY STANDARD #7910
- ㉟ 18" LUMINOUS, TYPE 1, AREA LIGHTING PER CITY STANDARD #7910
- ㊱ LOW VOLTAGE LUMINOUS PER CITY STANDARD #7910
- ㊲ MID STATE NON-TRAFFIC RATED GRATE
- ㊳ PER DETAIL 80, SHEET 81
- ㊴ RECTANGULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
- ㊵ CIRCULAR WELDED REBAR AT-RAMP GRATE, SHEET 81
- ㊶ STREET BARCADE PER CITY STANDARD DETAIL #7330
- ㊷ MESSON STYLE RAILING PER CITY STANDARD DETAIL #640, SHEET 103 TO BE 30"
- ㊸ PER CALTRANS STANDARD DETAIL #648, SHEET 85
- ㊹ PER CALTRANS STANDARD DETAIL #648, SHEET 85
- ㊺ CATCH BASIN FILTER INSERT PER DETAIL 80, SHEET 81
- ㊻ 7" WIDE SIDEWALK UNDERDRAIN WITH COVER FILTER PER CITY STANDARD #3420
- ㊼ INSTALL 1" CLIP UNDERDRAIN DRAIN PER CITY STD. 3445, INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONT YARD
- ㊽ INSTALL REBAR BENCH 2124 PER DETAIL 83, SHEET 81 WITH MULTIPAT LIVE STAKES PER DETAIL 104, SHEET 84
- ㊾ FULLY LIVE SEPARATION PER CITY STANDARD #1110 STAKES RECYCLED WOOD SHALL ALSO BE CONSTRUCTED WITH SEPARATION FROM REBAR WATER AND GRATE ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS.
- ㊿ CURB OPENING PER DETAIL 104, SHEET 83
- ① RETENTION AREA PER DETAIL 104, SHEET 83
- ② INSTALL CLEANOUT PER DETAIL 106, SHEET 84
- ③ INSTALL 4" PERFORATED PVC PER DETAIL 104, SHEET 85
- ④ INSTALL 4" PVC PIPE
- ⑤ CONNECT TO CATCH BASIN
- ⑥ 12" PVC CONNECTION TO 12" PVC PER DETAIL 95, SHEET 84
- ⑦ CONNECT TO STORM DRAIN MANHOLE
- ⑧ BRANCHING FOR 12" PVC PER CITY STANDARD #8000
- ⑨ 20' WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- ⑩ INSTALL THURGOOD 30625 PER DETAIL 83, SHEET 84
- ⑪ INSTALL 18" LONG INCH DRAIN AND GRATE PER DETAIL 55, SHEET 80 AND CONNECT TO CATCH BASIN

RECORD DRAWINGS

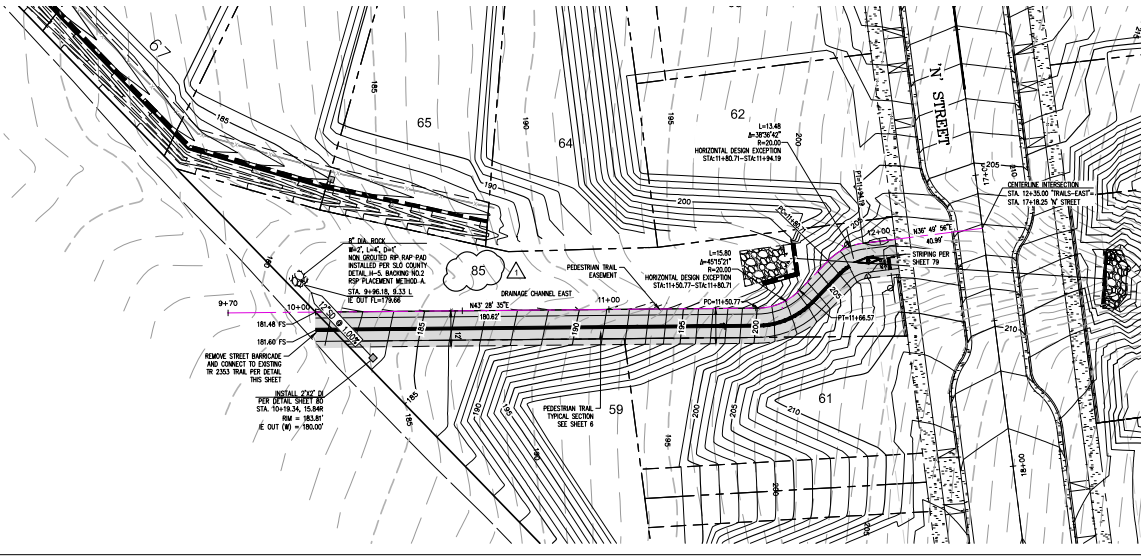
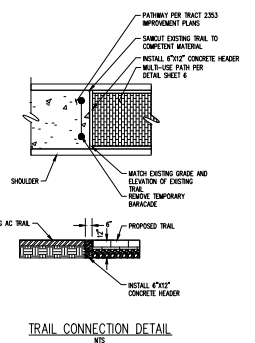
DATE: 10/15/2019

REVISIONS THIS SHEET:

▲	REVISIONS THIS SHEET: RECORD DRAWINGS
▲	REVISIONS THIS SHEET:
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▲	REVISIONS THIS SHEET:



TRAIL EAST
STA. 10+00.00 - 12+ 05.18
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'



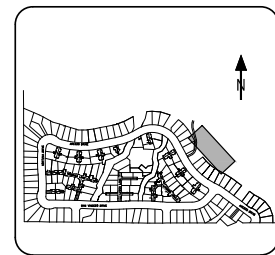
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MARGARITA RANCH - TRACT 2428
IMPROVEMENT PLANS
TRAILS EXTERNAL STA. 10+00 - 14+00

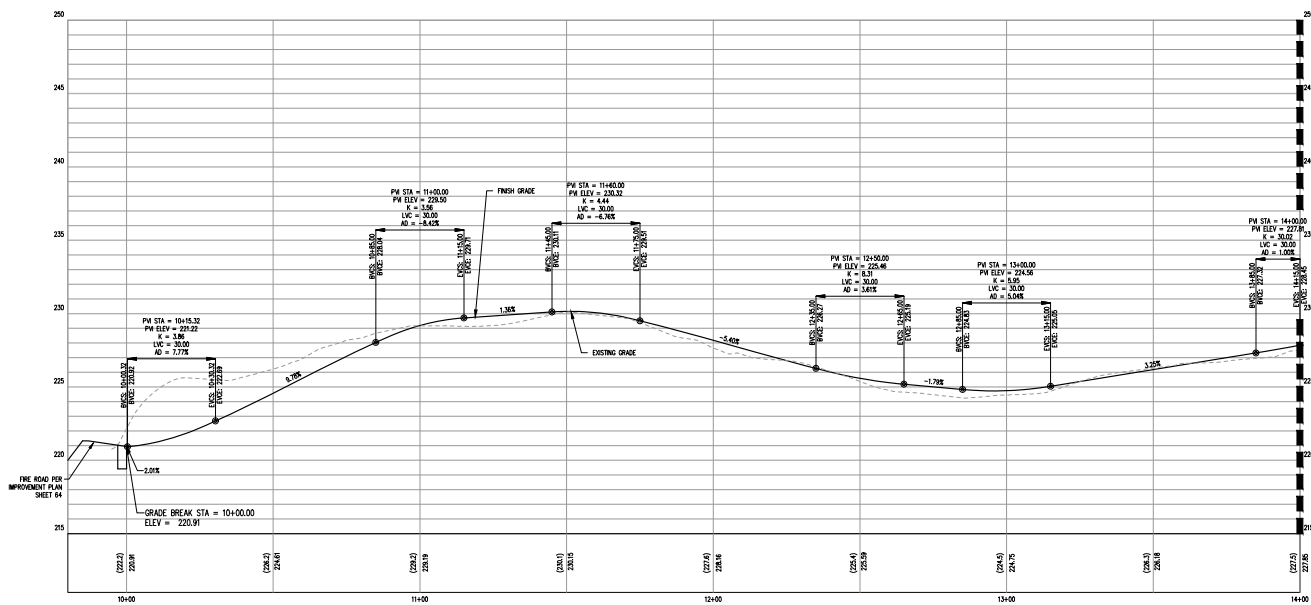
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SHEET TITLE: TRAILS EXTERNAL STA. 10+00 - 14+00
DESIGNED BY: CZ
DRAWN BY: FP
CHECKED BY: JF
APPROVED BY:
DATE: 10/15/2019
CITY SPECIFICATION NO.:
HYDRAULIC RATIO: 1"=20' / 1"=4'
SHEET NO. 45 OF 91



SHEET INDEX
N.T.S.

CONSTRUCTION NOTES:

- 1. USE CONSTRUCTION DETAIL SHEETS 80 TO 83
- 2. 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 3. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 4. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 5. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 6. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 7. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 8. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 9. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 10. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 11. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 12. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 13. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 14. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 15. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 16. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 17. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 18. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 19. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 20. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 21. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 22. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 23. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 24. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 25. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
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- 97. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 98. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 99. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- 100. 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215



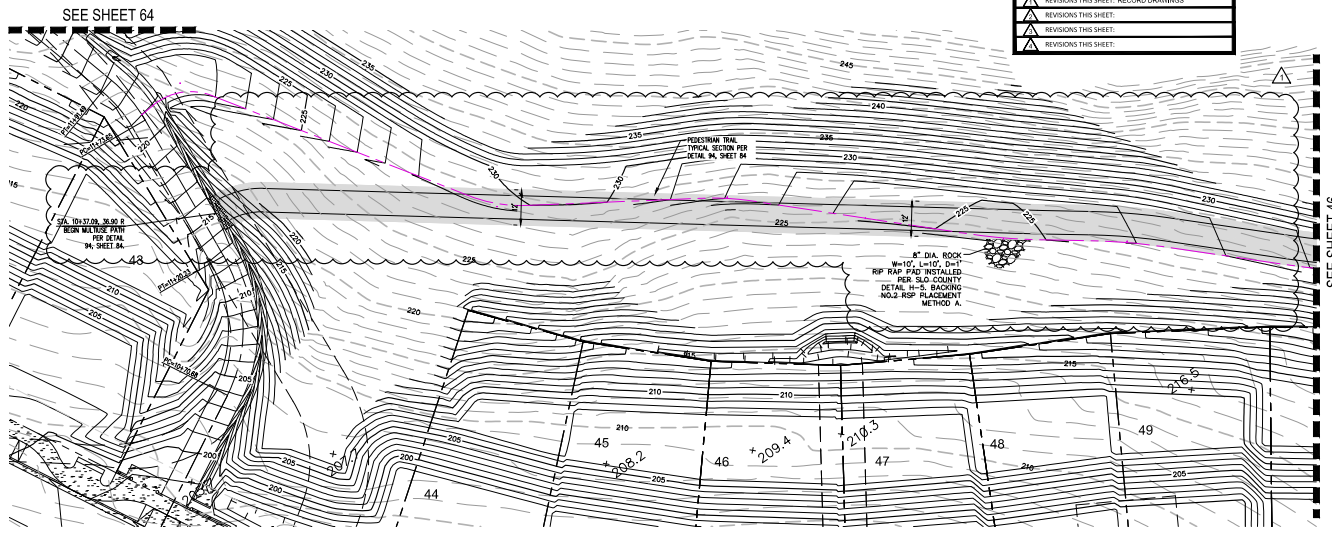
TRAIL EXTERNAL
STA. 10+00.00 - 14+00.00
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=4'

RECORD DRAWINGS

10/15/2019 DATE

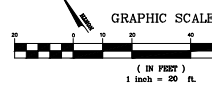
JASON L. FUSSLER, PE

REVISIONS THIS SHEET	RECORD DRAWINGS
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REVISIONS THIS SHEET	



SEE SHEET 46
MATCHLINE 14+00

SEE SHEET 46
MATCHLINE 14+00



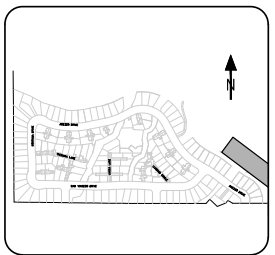
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MARGARITA RANCH - TRACT 2428

IMPROVEMENT PLANS
TRAILS EXTERNAL STA. 14+00 - 18+00

PROJECT TITLE:
DESIGNED BY:
CZ
DRAWN BY:
FP
CHECKED BY:
JF
APPROVED BY:
DATE:
10/15/2019
CITY SPECIFICATION:
HYDRAULIC SCALE:
1" = 20' / 1" = 4'
SHEET NO.
46 of 91



SHEET INDEX

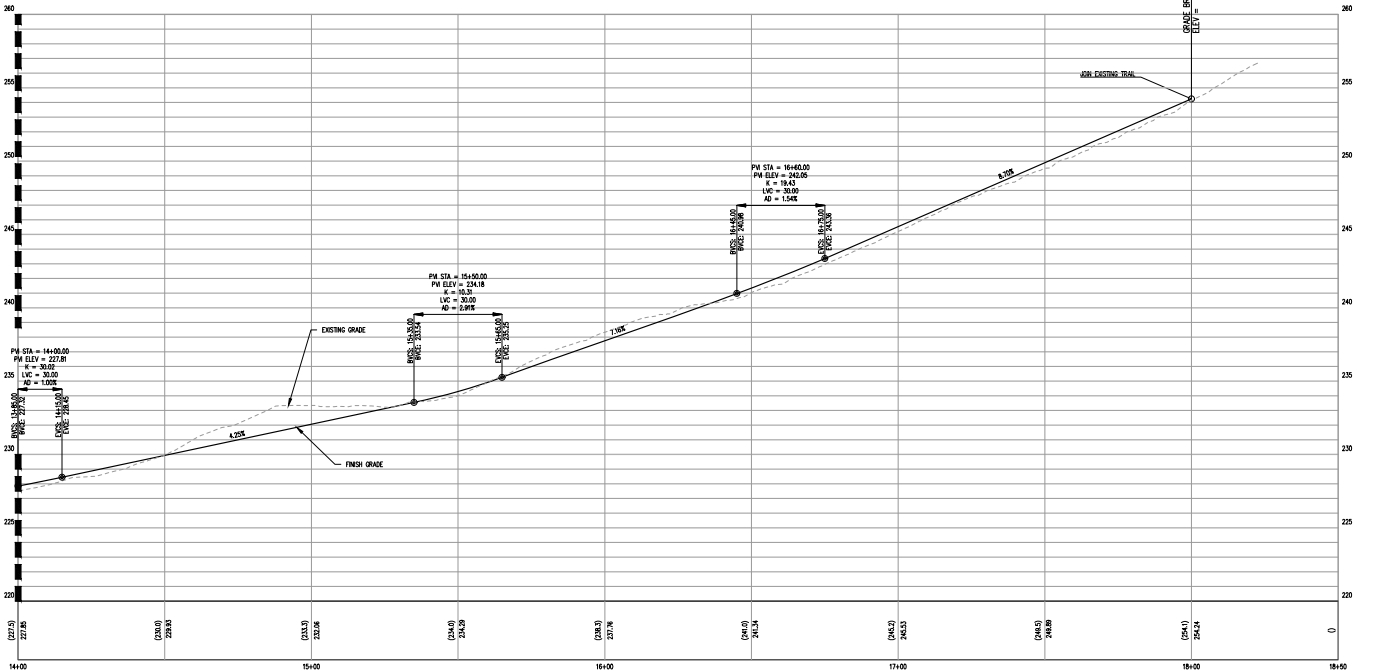
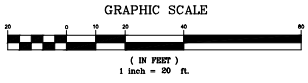
N.T.S.

CONSTRUCTION NOTES:

- (1) USE CONSTRUCTION DETAIL SHEETS 80 TO 83
- (2) 4" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- (3) MID-STATE JUNCTION STRUCTURE FOR DETAIL 101
- (4) CATCH BASIN - EXTENDED SIDE OPENING WITHOUT DEEP SLEEVES PER CITY STANDARD #300
- (5) CATCH BASIN-SEE OPENING PER CITY STANDARD #3300
- (6) INSTALL 2" WIDE CONCRETE SIDEWALK UNDERDRAIN PER CITY STD. #410 AND DETAIL 109 SHEET 84 WHEN DRAINING TO 80-RETENTION AREA
- (7) STONE DRAIN MANHOLE 30" PVC AND LARGER PER CITY STANDARD #610
- (8) STONE DRAIN MANHOLE 15" TO 30" PIPE PER CITY STANDARD #330
- (9) 1" WATER SERVICES PER CITY STANDARD #620. INSTALL PVC SLEEVES FROM METER TO BACK OF SIDEWALK FOR FUTURE INSTALLATION OF HOUSE LATERALS
- (10) WALL LIGHT PER CITY STANDARD #905
- (11) MANHOLE MULTIPLE 1" WATER SERVICES PER CITY STANDARD #600
- (12) FIRE INDICATOR ASSEMBLY PER CITY STANDARD #610
- (13) LATERAL FIRE MANDIBLE GLASS PER CITY STANDARD #630
- (14) MAINTENANCE 12-IN PER CITY STANDARD #630
- (15) WATER VALVE & WELL PER CITY STANDARD #630
- (16) BLOWOFF ASSEMBLY PER CITY STANDARD #630
- (17) AIR/VAC RELEASE ASSEMBLY PER CITY STANDARD #630
- (18) SEWER MANHOLE PER CITY STANDARD #600
- (19) SEWER DROP MANHOLE PER CITY STANDARD #600
- (20) SEWER LATERAL PER CITY STANDARD #600
- (21) 3" WIDE DRIVEWAY RAMP PER CITY STANDARD #215 SHALL BE 30" MIN. BELOW FINISHED SURFACE AT RIGHT OF WAY OR EDGE OF PRIVATE DRIVE TRAVELERS MAY BE APPROXIMATE.
- (22) SEWER LATERAL PER CITY STANDARD #600
- (23) SEWER BACKWATER VALVE "Daisy" or APPROVED EQUAL
- (24) THURST BLOCK DETAIL PER SLO COUNTY
- (25) MONUMENT AND WELL PER CITY STANDARD #900
- (26) SPEED TABLE PER SHEET 43
- (27) CURB RAMP DETAIL ONE & PER CALTRANS STANDARD #484, SHEET 85 & CITY STANDARD #440
- (28) PER CAL TRANS STANDARD #501, SHEET 86
- (29) MID STATE TRAFFIC RATED GRADE WITH GRESSE CATCH BASIN FILTER INSERT PER DETAIL 80, SHEET 81
- (30) BEARING GRADE WITH FRAME
- (31) PER MEMPH R-2000, SHEET 80
- (32) MID STATE CATCH BASIN PER DETAIL SHEET 80
- (33) COMMERCIAL-INDUSTRIAL DRIVEWAY PER DETAIL 80, SHEET 80
- (34) STREET LIGHTING - PER CITY STANDARD #790
- (35) 15" LUMINOUS FLUO. - 4" ARM IDENTIFY-T
- (36) PER CITY STANDARD #215 SHEET 80
- (37) MID STATE NON-TRAFFIC RATED GRADE
- (38) PER DETAIL 80, SHEET 80
- (39) RECTANGULAR WELDED REBAR ARMOR GRATE, SHEET 81
- (40) CIRCULAR WELDED REBAR ARMOR GRATE, SHEET 81
- (41) STREET BARCADE PER CITY STANDARD DETAIL #730
- (42) MASON STYLE RAILING PER CITY STANDARD
- (43) DETAIL #64, SHEET 80 TO BE 30"
- (44) PER CALTRANS STANDARD DETAIL #64B, SHEET 85
- (45) 8" DIA. NON-TRAFFIC RATED GRADE WITH GRESSE CATCH BASIN PER DETAIL PER DETAIL 80, SHEET 81
- (46) 12" WIDE SIDEWALK UNDERDRAIN WITH COVER PLATE PER CITY STANDARD #340
- (47) MID STATE CIP UNDERSEWERS DRAIN PER CITY STD. #415. INSTALL MINIMUM ONE DRAIN PER LOT, LOW SIDE OF FRONTAGE
- (48) INSTALL REBAR ARMOR SHEET 82 PER DETAIL 80, SHEET 81 WITH MAZE/T LIVE STAKES PER DETAIL 101, SHEET 86
- (49) FULLY LIVE SEPARATION PER CITY STANDARD #10
- (50) RECYCLED HANG SHALL ALSO BE CONSTRUCTED WITH SEPARATION FROM DETAIL 101 AND SHEET 80 ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS
- (51) CURB OPENING PER DETAIL 104, SHEET 83
- (52) BIORETENTION AREA PER DETAIL 105, SHEET 83
- (53) INSTALL CLEANOUT PER DETAIL 106, SHEET 84
- (54) INSTALL 8" PERFORATED PVC PIPE PER DETAIL 101, SHEET 85
- (55) INSTALL 8" PVC PIPE
- (56) CONNECT TO CATCH BASIN
- (57) 4" PVC CONNECTION TO 30" PVC PER DETAIL 95, SHEET 84
- (58) CONNECT TO STORM DRAIN MANHOLE
- (59) BRANCHING FOR 8" PVC PER CITY STANDARD #600
- (60) 30" WIDE DRIVEWAY RAMP PER CITY STANDARD #215
- (61) INSTALL WINDUCHED SLOMES PER DETAIL 83, SHEET 84
- (62) INSTALL 12" LONG TRENCH DRAIN AND GRATE PER DETAIL 85, SHEET 80 AND CONNECT TO CATCH BASIN

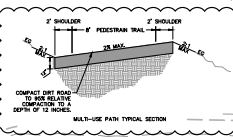
RECORD DRAWINGS

REVISIONS THIS SHEET:	DATE
(1) JASON L. FUSSELL, PE	
(2) REVISIONS THIS SHEET: RECORD DRAWINGS	
(3) REVISIONS THIS SHEET:	
(4) REVISIONS THIS SHEET:	
(5) REVISIONS THIS SHEET:	

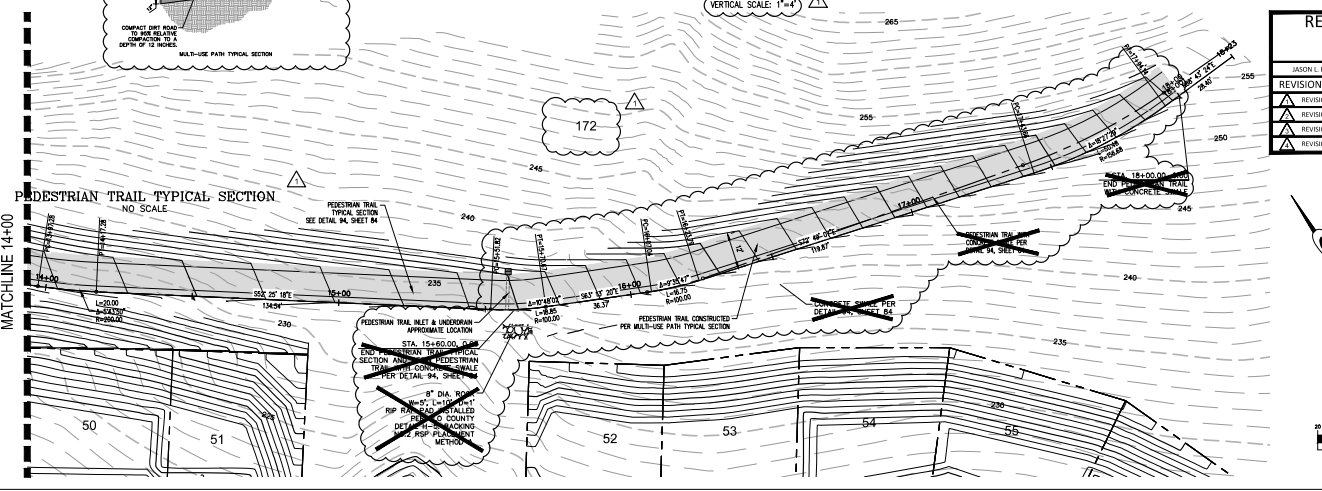


TRAIL EXTERNAL STA. 14+00.00 - 18+06.49

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'



PEDESTRIAN TRAIL TYPICAL SECTION NO SCALE



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