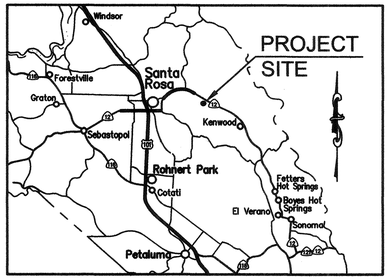
CITY OF SANTA ROSA

BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-642-2444
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS

IMPROVEMENT PLANS FOR

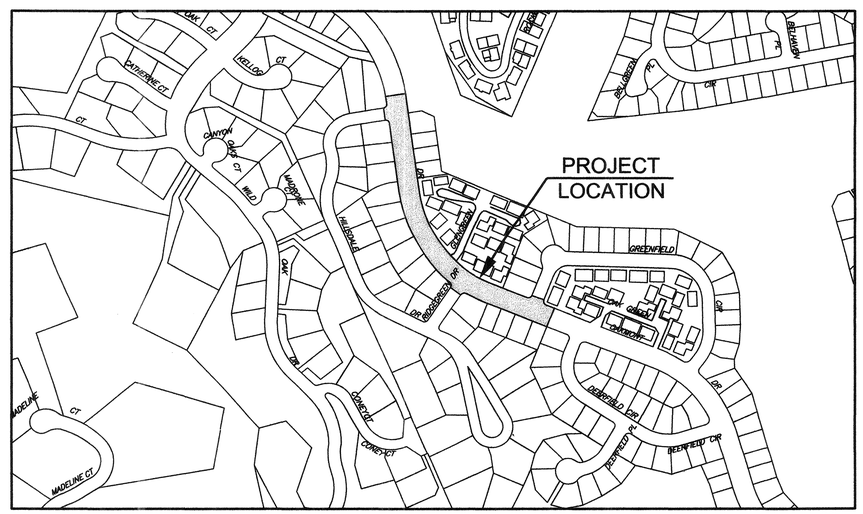
OAKMONT DRIVE SEWER MAIN UPSIZING - OAKMONT CREEK TO GREENFIELD CIRCLE

CONTRACT No. C02137



VICINITY MAP

NOT TO SCALE



LOCATION MAP

NOT TO SCALE

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5	PLAN AND PROFILE – OAKMONT DRIVE STA 11+50 TO STA 15+00
6	PLAN AND PROFILE – OAKMONT DRIVE STA 15+00 TO STA 18+50
7	PLAN AND PROFILE – OAKMONT DRIVE STA 18+50 TO STA 21+25
8	CURB RAMP DETAILS – HILLSDALE DR. AT OAKMONT DR.
9	CURB RAMP DETAILS – RIDGEGREEN DR. AT OAKMONT DR.

RECORD PLAN DATA

PROJECT START:	WATER SERVICE TYPE:
PROJECT END:	MANUFACTURER:
GEN. CONTRACTOR:	FIRE HYDRANT TYPE:
SUPERINTENDENT:	MANUFACTURER:
UNDERGROUND CONTRACTOR:	INSPECTOR:
FOREMAN:	CONSTRUCTION MANAGER:
SEWER PIPE TYPE:	RECORD PLANS BY:
MANUFACTURER:	ADDITIONAL INFO:
SEWER FITTINGS MANUFACTURER:	
M.H. MANUFACTURER:	
WATER PIPE TYPE:	
MANUFACTURER:	
WATER VALVE MANUFACTURER:	
WATER FITTINGS MANUFACTURER:	

PLANS PREPARED BY:

REGISTERED PROFESSIONAL ENGINEER STEVEN R. VAN SAUN No. C 86180 CIVIL STATE OF CALIFORNIA

BY: 2/19/19

STEVEN R. VAN SAUN P.E. 86180 DATE

DESIGNED:	DRAWN:	CHECKED:	PROJECT NO.
SRV	JWM	SRV	12-3752

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

Dept.	Signature	Date
Design/Const		2/20/19
Survey		2/21/19
TPW Field Svc's		2/20/19
Water Dept Ops		2/19/19
Traffic		2/20/19
~~Parks~~ Mtl's Lab		2/20/19
Storm Water		2/21/19

No.	Date	Revision	By

DATE: FEBRUARY 2019
CHK BY: SRV
SCALE: AS SHOWN
DWN BY: JWM/LMM
APPROVED: Deputy Director – Engineering
Date 2/21/19
By LORI URBANEK

CITY OF SANT ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

COVER SHEET

CONTRACT NO. C02137

SHEET 1 OF 9

FILE NO. 2018-0027

Images: Xrefs: base-dl.dwg
Path: F:\Civil 3D Projects\12-3752\dwg\12-3752_cov.dwg Layout Name: 1 Plot Date: Feb 14, 2019 at 10:59

LEGEND

	EXISTING	NEW
SINGLE 1" WATER SERVICE		
WATER MAIN, GATE VALVE, CROSS, & TEMPORARY BLOW OFF		N/A
1" WATER SERVICE WITH TWO METERS		N/A
SINGLE 2" WATER SERVICE		N/A
4" MANIFOLD SERVICE		N/A
NEW WATER SERVICE, WATER METER WITH (E) BACK FLOW PREVENTION DEVICE		N/A
FIRE HYDRANT ASSEMBLY AND TEE		N/A
WATER VAULT		N/A
SEWER LATERAL & CLEANOUT (DISTANCE FROM MAIN TO CLEANOUT)		STD 513A
SEWER MAIN, MANHOLE & CLEANOUT AND FLOW DIRECTION		STD 505 / MH STD 500
ABANDONED SEWER PIPE		STD 507
STORM DRAIN	EX. SD	N/A
STORM DRAIN CATCH BASIN		
SIDEWALK DRAIN DROP INLET		N/A
GAS		N/A
STREET LIGHT & ELECTRICAL		N/A
TELEPHONE		N/A
ABANDONED FACILITY		N/A
JOINT POLE AND GUY ANCHOR		N/A
STREET LIGHT		N/A
CITY MONUMENT		
STREET ADDRESS	952	N/A
A.P.N.	125-221-019	N/A
PROPERTY CORNER		N/A
PROPERTY LINE		N/A
FLOW LINE		N/A
TRENCH PAVING	N/A	
AC CONFORM	N/A	
EDGE GRIND	N/A	N/A
CONCRETE SIDEWALK & CURB RAMP		
DETECTABLE WARNING SURFACE	N/A	
PG&E POTHOLE AND NUMBER	N/A	N/A
SURVEY CONTROL POINT	PNT #?	N/A
DECIDUOUS TREE / SHRUBS		N/A
SIGNS		N/A

ABBREVIATIONS

AC	ASPHALT CONCRETE	EVC	END VERTICAL CURVE	RT	RIGHT
ACP	ASBESTOS CEMENT PIPE	EX.(E)	EXISTING	SD	STORM DRAIN
APN	ASSESSORS PARCEL NUMBER	FBG	FEET BELOW GRADE	SDMH	STORM DRAIN MANHOLE
ARV	AIR RELEASE VALVE	FC	FACE OF CURB	SS	SANITARY SEWER
BC	BEGIN CURVE	FG	FINISHED GRADE	SS LAT	SANITARY SEWER LATERAL
BFP	BACK FLOW PREVENTER	FL	FLOW LINE	SSMH	SANITARY SEWER MANHOLE
BO	BLOWOFF	FLG	FLOW LINE OF GUTTER	SSCO	SANITARY SEWER CLEANOUT
BRC	BEGIN REVERSE CURVE	FSW	FRONT OF SIDEWALK		
BSW	BACK OF SIDEWALK	G	GAS	STL	STEEL PIPE
BWV	BACKWATER VALVE	GB	GRADE BREAK	STD	STANDARD
BVC	BEGIN VERTICAL CURVE	G SER	GAS SERVICE	TB	TOP OF BANK
CB	CATCH BASIN	IC	INTERCONNECT	TC	TOP OF CURB
C&G	CURB & GUTTER	IG	INVERT GRADE	TEL	TELEPHONE
CI	CAST IRON	INV	INVERT GRADE	TG	TOP OF GRATE
CL	CENTERLINE	LF	LINEAR FEET	TOP	TOP OF PIPE
CLC	CONTROL LINE COORDINATE	LG	LIP OF GUTTER	TS	TRAFFIC SIGNAL
CMP	CORRUGATED METAL PIPE	LT	LEFT	TYP	TYPICAL
CO	CLEANOUT	PCC	POINT OF COMPOUND CURVE	UG	UNDERGROUND
CONC	CONCRETE	PED	PEDESTRIAN	UPC	UNIFORM PLUMBING CODE
CR	CURB RETURN	PL	PROPERTY LINE	USA	UNDERGROUND SERVICE ALERT
DET	DETECTOR	PVI	POINT OF VERTICAL INTERSECTION	VC	VERTICAL CURVE
DI	DROP INLET			VLT	VAULT
DWY	DRIVEWAY	PRV	PRESSURE REDUCING VALVE	VAR	VARIES
EC	END CURVE	OD	OUTSIDE DIMENSION	WM	WATER MAIN
EFC	EAST FACE OF CURB	OH	OVERHEAD UTILITY	WS	WATER SERVICE
ELEC	ELECTRIC	RC	RELATIVE COMPACTION	W SER	WATER SERVICE
ELEV	ELEVATIONS	RCP	REINFORCED CONCRETE PIPE	WTR, W	WATER
EP	EDGE OF PAVEMENT	R&R	REMOVE & REPLACE	< PT	ANGLE POINT

CONSTRUCTION NOTE DESIGNATIONS

(S1) = SEWER AND RELATED ITEMS.

(W1) = WATER AND RELATED ITEMS.

(D1) = STORM DRAIN AND RELATED ITEMS.

(R1) = ROADWAY AND RELATED ITEMS.

GENERAL NOTES

1. ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CITY OF SANTA ROSA STANDARD PLANS, THE CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, THE SPECIAL PROVISIONS FOR THIS PROJECT AND THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING ALL STANDARDS PERTAINING TO THIS PROJECT.
2. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 1-800-642-2444 NO LESS THAN 2 WORKING DAYS PRIOR TO ANY EXCAVATION FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES IN ACCORDANCE WITH SECTION 5-1.36E OF THE SPECIAL PROVISIONS.
3. THE LOCATIONS OF UNDERGROUND UTILITIES AND OTHER OBSTACLES SHOWN ON THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT LOCATION OF ALL POTENTIAL CONFLICTS IN ACCORDANCE WITH U.S.A. LAWS AND THESE SPECIAL PROVISIONS AND THE STANDARD SPECIFICATIONS. IF ANY UNMARKED UTILITIES ARE ENCOUNTERED, OR IF UNABLE TO LOCATE A MARKED UTILITY AFTER POT HOLING, THE CONSTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THAT UTILITY AND THE ENGINEER.
4. ALL SEWER MANHOLES AND WATER VALVES THAT ARE ON ACTIVE SYSTEMS SHALL BE ACCESSIBLE TO CITY PERSONNEL AT ALL TMES AND SHALL BE BROUGHT TO GRADE WITHIN 48 HOURS OF PAVING.
5. THE CONTRACTOR SHALL PROTECT AND PRESERVE CITY MONUMENTS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ENGINEER 10 WORKING DAYS IN ADVANCE FOR REFERENCING OF EXISTING MONUMENTS TO BE DISTURBED. THE CONTRACTOR SHALL RECONSTRUCT DISTURBED MONUMENTS IN ACCORDANCE WITH CITY STANDARD 280.
6. OVERHEAD UTILITY SERVICE DROPS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL INVESTIGATE THE SITE AND BE AWARE OF LIMITED CLEARANCES UNDER OVERHEAD UTILITY LINES AND LOW HANGING TREE BRANCHES. THE CONTRACTOR'S TRUCKS AND EXCAVATION EQUIPMENT SHALL BE SIZED SO THAT OVERHEAD WIRES AND TREE BRANCHES ARE NOT DAMAGED.
7. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.
8. THE CONTRACTOR SHALL ONLY REMOVE EXISTING TREES OR SHRUBS AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
9. FOR CLARITY OF EXISTING SUBSURFACE CONDTIONS, NOT ALL CROSSWALKS, STOP BARS, OR EXISTING PAVEMENT MARKINGS ARE SHOWN ON THE PLANS. TRAFFICE STRIPES, RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED PER CITY OF SANTA ROSA TRAFFIC STANDARDS PART III, TRAFFIC MARKINGS. PATCHING OF DAMAGED MARKINGS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE ENGINEER. ALL DAMAGED RAISED PAVEMENT (NON-REFLECTIVE) MARKERS MUST BE CERAMIC.

REGISTERED PROFESSIONAL ENGINEER STEVEN R. VAN SUSTEREN No. C 86180 CIVIL STATE OF CALIFORNIA

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
707.571.8005 707.571.8037 Fax

NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DATE: FEBRUARY 2019
DWN BY: JWM/LMM
CHK BY: SRV

APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/21/19

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

ABBREVIATIONS, LEGEND, GENERAL NOTES AND DETAILS

CONTRACT NO. C02137

SHEET 2 OF 9

FILE NO. 2018-0027

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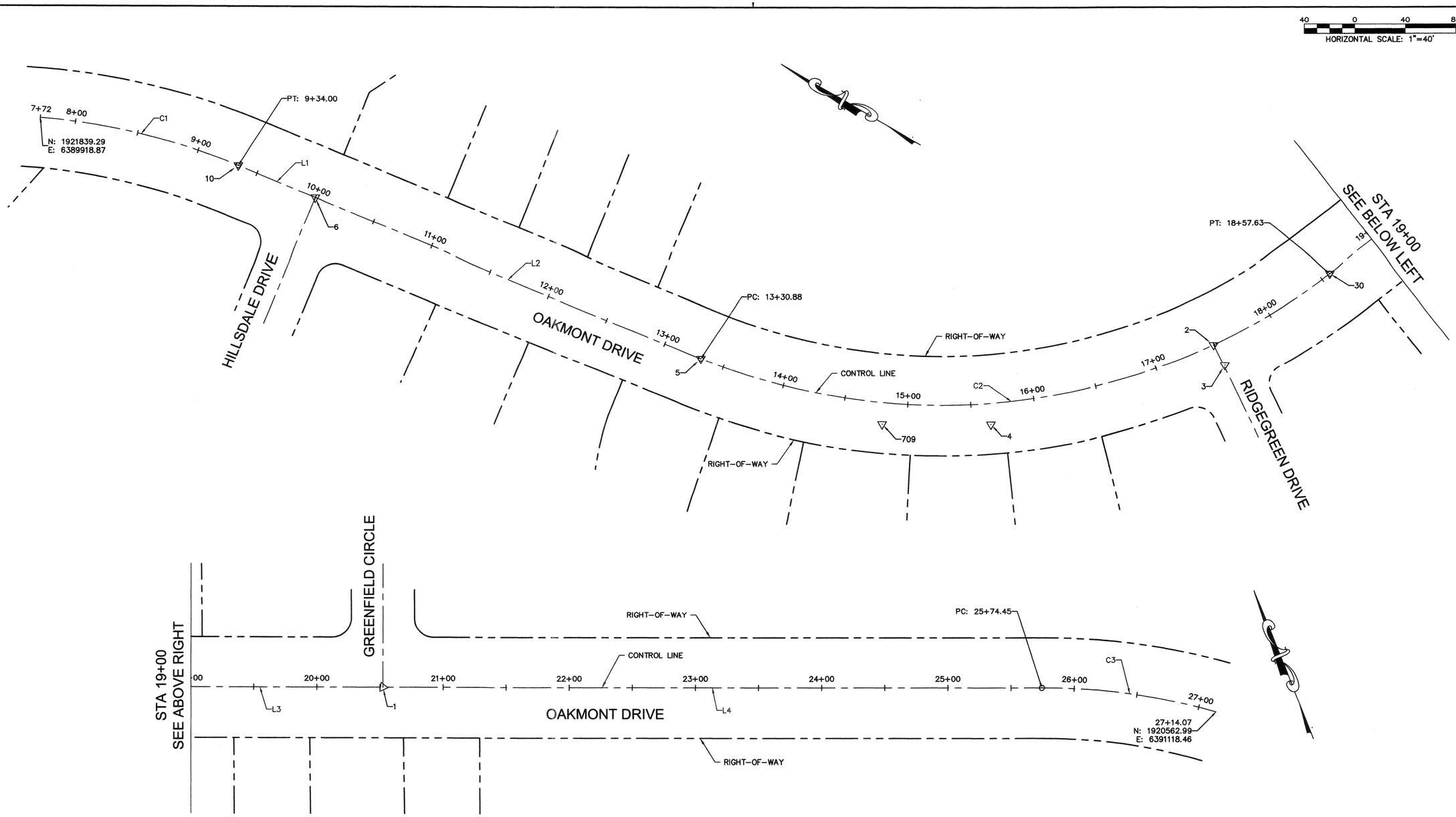

BASIS OF BEARINGS

NORTH 66° 28' 42" WEST BETWEEN CITY OF SANTA ROSA HORIZONTAL CONTROL NETWORK COORDINATE MONUMENTS G-554 & G-553.
NAD83 – ZONE 2 – EPOCH 2010

BENCHMARK

CITY OF SANTA ROSA VERTICAL CONTROL NETWORK BENCHMARK F-31.
ELEVATION = 438.714 FEET (NGVD 29).

SURVEY CONTROL DATA

CONTROL POINT NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
1	1920824.61	6390512.30	436.50	FND 2" B.D.
2	1920947.03	6390235.82	438.72	FND 2" B.D.
3	1920930.99	6390226.04	439.44	5200 SET NAIL
4	1921066.60	6390091.36	435.30	FND 2" B.D.
5	1921291.89	6390020.79	431.30	FND 2" B.D.
6	1921619.58	6389974.90	427.32	FND 2" B.D.
10	1921684.92	6389965.76	426.58	FND 2" B.D.
30	1920896.52	6390331.39	438.20	FND 2" B.D.
709	1921140.95	6390047.91	434.20	520 FND PK NAIL

CONTROL LINE DATA

Number	Radius	Length	Line/Chord Direction
C1	520.00	162.00	S16° 53' 47.20"E
L1		66.00	S7° 58' 17.52"E
L2		330.88	S7° 58' 17.52"E
C2	500.00	526.75	S38° 09' 06.52"E
L3		194.69	S68° 19' 55.52"E
L4		522.13	S68° 19' 55.52"E
C3	500.00	139.62	S60° 19' 56.83"E

REGISTERED PROFESSIONAL ENGINEER
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707.571.8037 Fax
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By LORI URBANEK Date 2/14/19

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING
SURVEY CONTROL DATA

CONTRACT NO. C02137
SHEET 3 OF 9
FILE NO. 2018-0027

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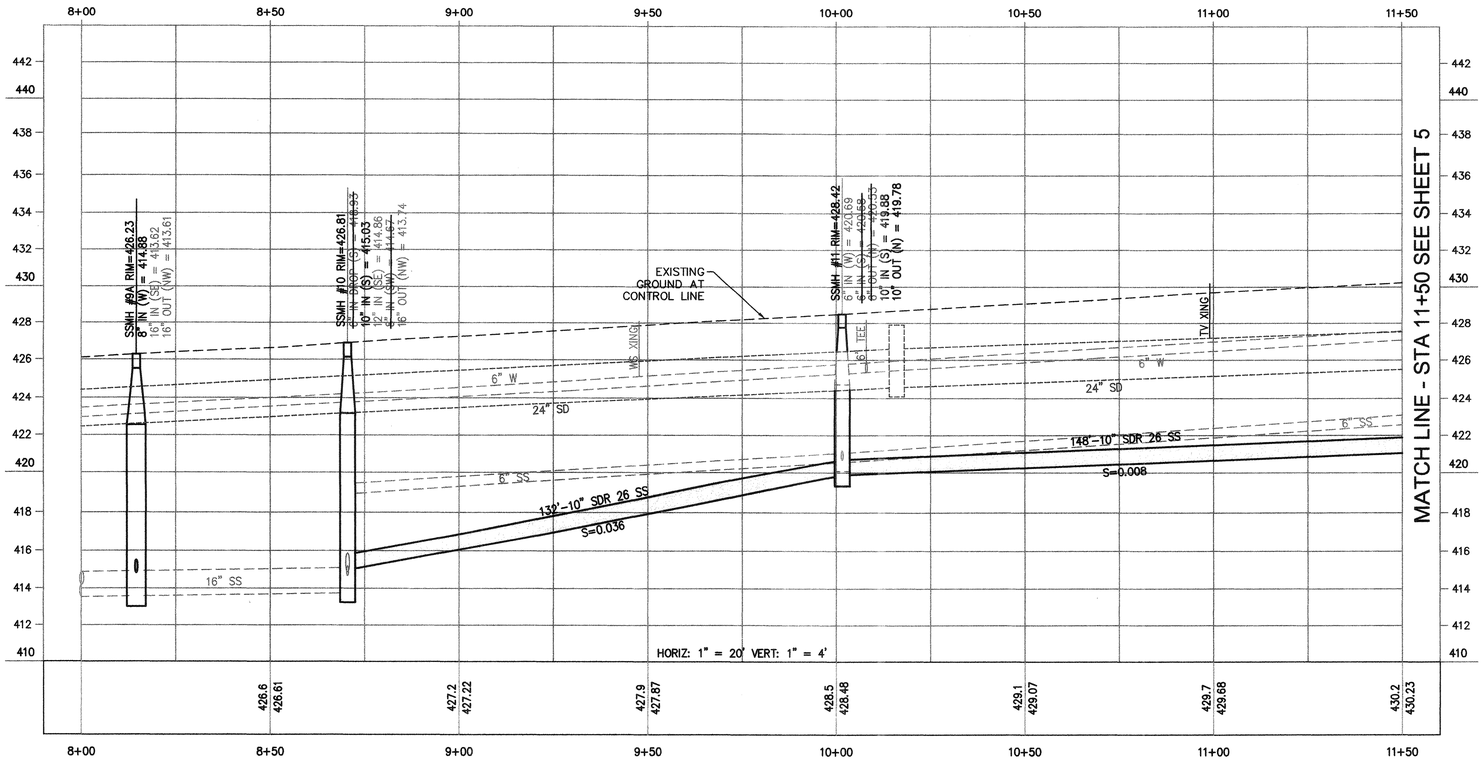
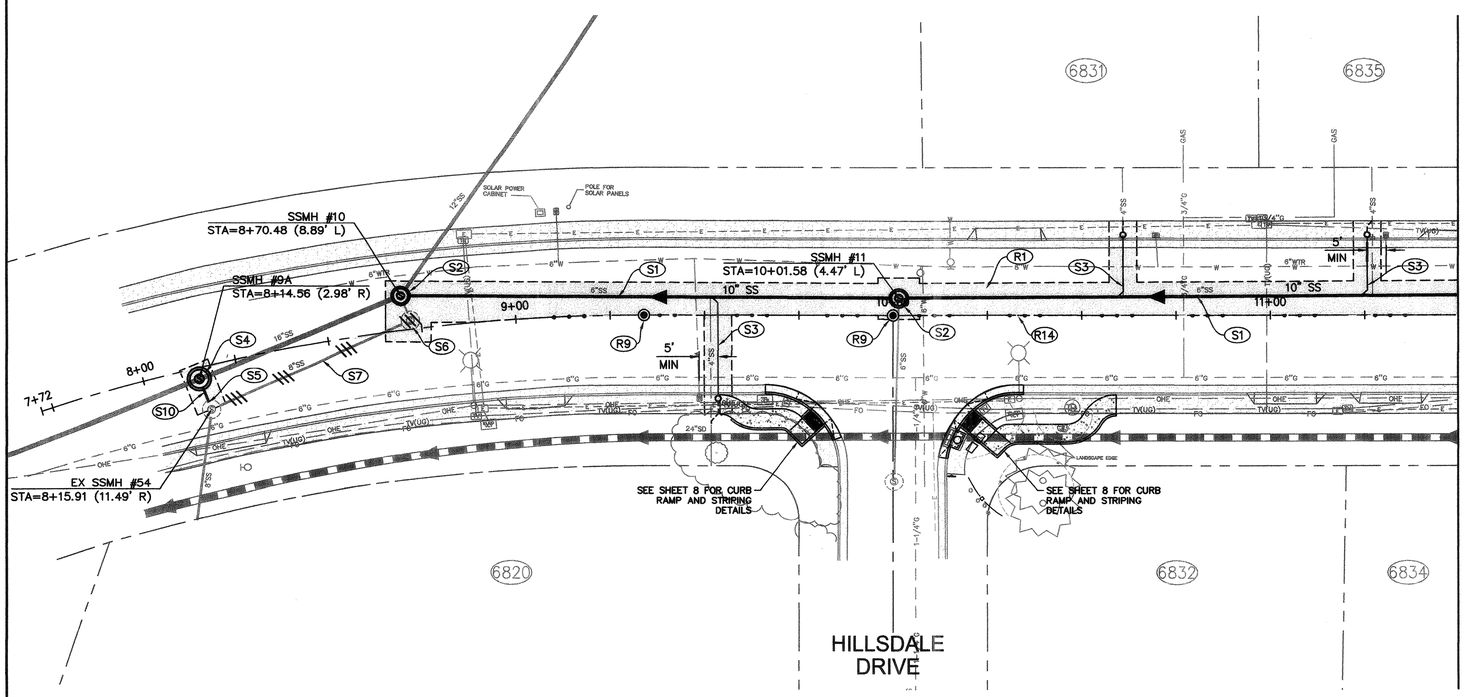
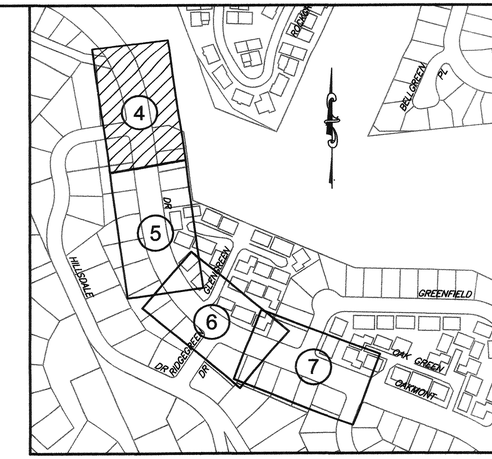


OAKMONT DRIVE





SHEET INDEX

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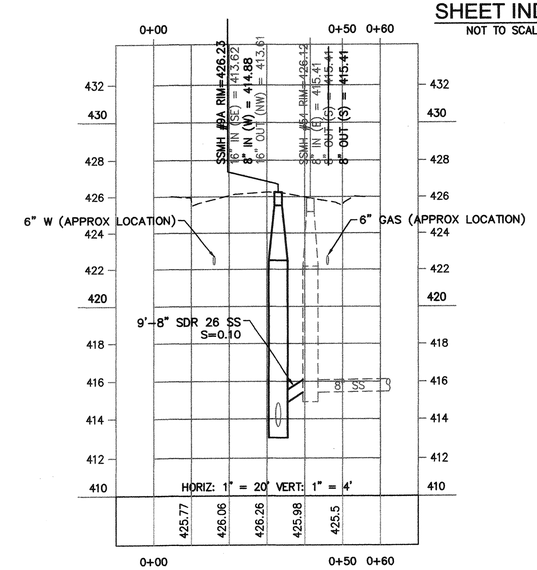

SSMH #9A TO SSMH #54

CONSTRUCTION NOTES

- (S1) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SDR 26 SANITARY SEWER MAIN PER CITY STANDARDS.
- (S2) REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S3) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- (S4) INSTALL 60" SANITARY SEWER MANHOLE ON EXISTING MAIN PER CITY STD 503.
- (S5) MODIFY EXISTING SANITARY SEWER MANHOLE TO ACCOMMODATE 8" SANITARY SEWER CONNECTION. REFORM EXISTING CHANNEL. GROUT SOLID AND SEAL.
- (S6) ABANDON EXISTING SANITARY SEWER MANHOLE PER CITY STD 508.
- (S7) ABANDON EXISTING 8" SANITARY SEWER MAIN PER CITY STD 507.
- (S10) INSTALL 8" SDR 26 SANITARY SEWER MAIN PER CITY STANDARDS.
- (R1) PLACE PERMANENT TRENCH PAVING PER CITY STD 215.
- (R9) REMOVE AND REPLACE CITY MONUMENT PER CITY STD 280.
- (R14) INSTALL CENTERLINE TRAFFIC STRIPE, DETAIL 4 PER CALTRANS STD PLAN A20A.

HORIZONTAL SCALE: 1"=20'

REGISTERED PROFESSIONAL ENGINEER STEVEN R. VAN SANT No. C 86180 CIVIL STATE OF CALIFORNIA

Coastland Civil Engineering, Inc.
1400 Neotomas Avenue, Santa Rosa, CA 95405
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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DATE: FEBRUARY 2019
DWN BY: JWM/LMM
CHK BY: SRV

APPROVED: *Deputy Director – Engineering*
By LORI URBANEK Date 2/21/19

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

PLAN AND PROFILE
OAKMONT DRIVE - STA 8+00TO STA 11+50

CONTRACT NO. C02137

SHEET 4 OF 9

FILE NO.2018-0027

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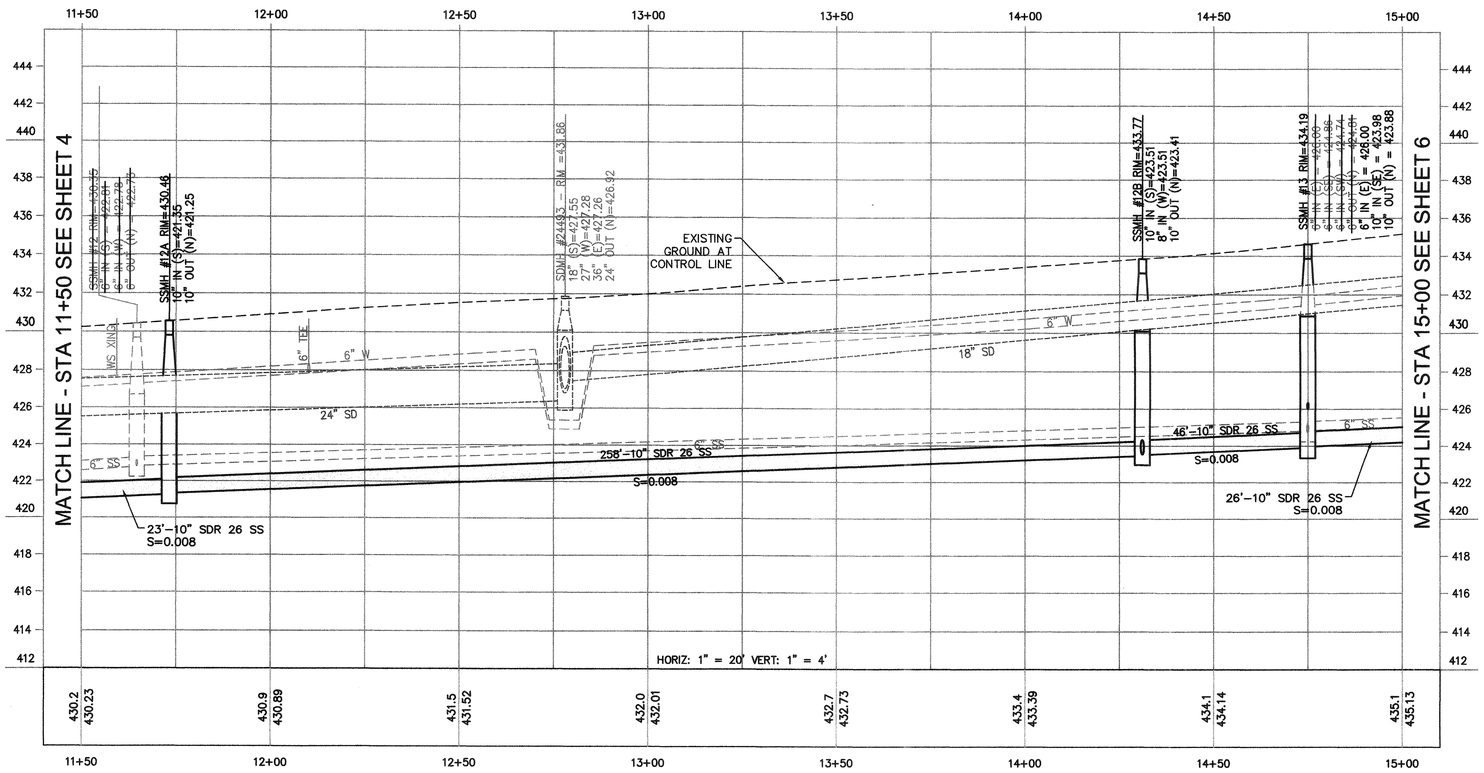
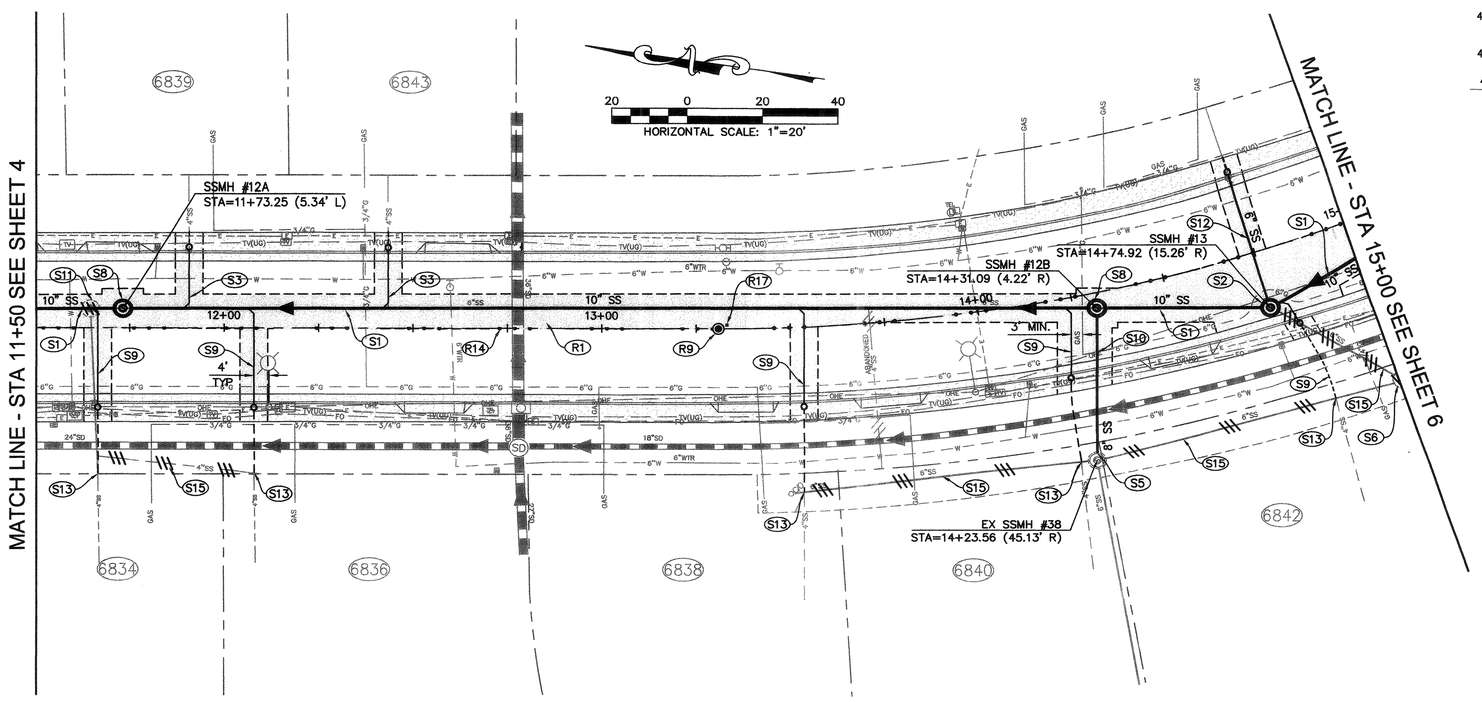
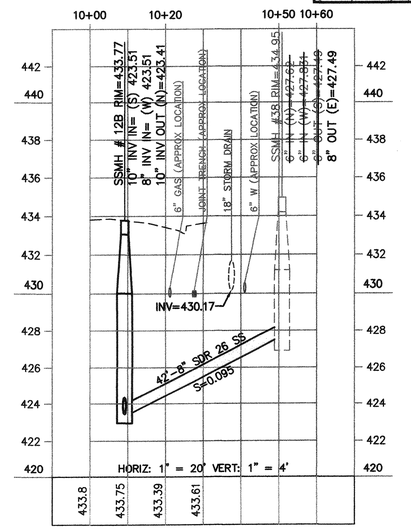


OAKMONT DRIVE





SSMH #12B TO SSMH #38

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CONSTRUCTION NOTES

- (S1) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SDR 26 SANITARY SEWER MAIN PER CITY STANDARDS.
- (S2) REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S3) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.
- (S5) MODIFY EXISTING SANITARY SEWER MANHOLE TO ACCOMMODATE 8" SANITARY SEWER CONNECTION. REFORM EXISTING CHANNEL. GROUT SOLID AND SEAL.
- (S6) ABANDON EXISTING SANITARY SEWER MANHOLE PER CITY STD 508.
- (S8) CONSTRUCT 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S9) INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A. CONTRACTOR SHALL VERIFY AND LOCATE EXISTING LATERAL CONNECTION POINT PRIOR TO INSTALLATION.
- (S10) INSTALL 8" SDR 26 SANITARY SEWER MAIN PER CITY STANDARDS.
- (S11) REMOVE EXISTING SANITARY SEWER MANHOLE PER CITY STANDARDS.
- (S12) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 6" SANITARY SEWER LATERAL PER CITY STD 513A.
- (S13) CONNECT TO EXISTING SANITARY SEWER LATERAL.
- (S15) ABANDON EXISTING 6" SANITARY SEWER MAIN PER CITY STD 507.
- (R1) PLACE PERMANENT TRENCH PAVING PER CITY STD 215.
- (R9) REMOVE AND REPLACE CITY MONUMENT PER CITY STD 280.
- (R14) INSTALL CENTERLINE TRAFFIC STRIPE, DETAIL 4 PER CALTRANS STD PLAN A20A.
- (R17) INSTALL BLUE TWO-WAY RETROREFLECTIVE MARKER PER CITY STD 857.

REGISTERED PROFESSIONAL ENGINEER
STEVEN R. VAN SAUN
No. C 86180
CIVIL
STATE OF CALIFORNIA

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CHK BY: SRV

APPROVED: Deputy Director – Engineering
By LORI URBANEK Date 2/11/19

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

PLAN AND PROFILE
OAKMONT DRIVE - STA 11+50 TO STA 15+00

CONTRACT NO. C02137

SHEET 5 OF 9

FILE NO. 2018-0027

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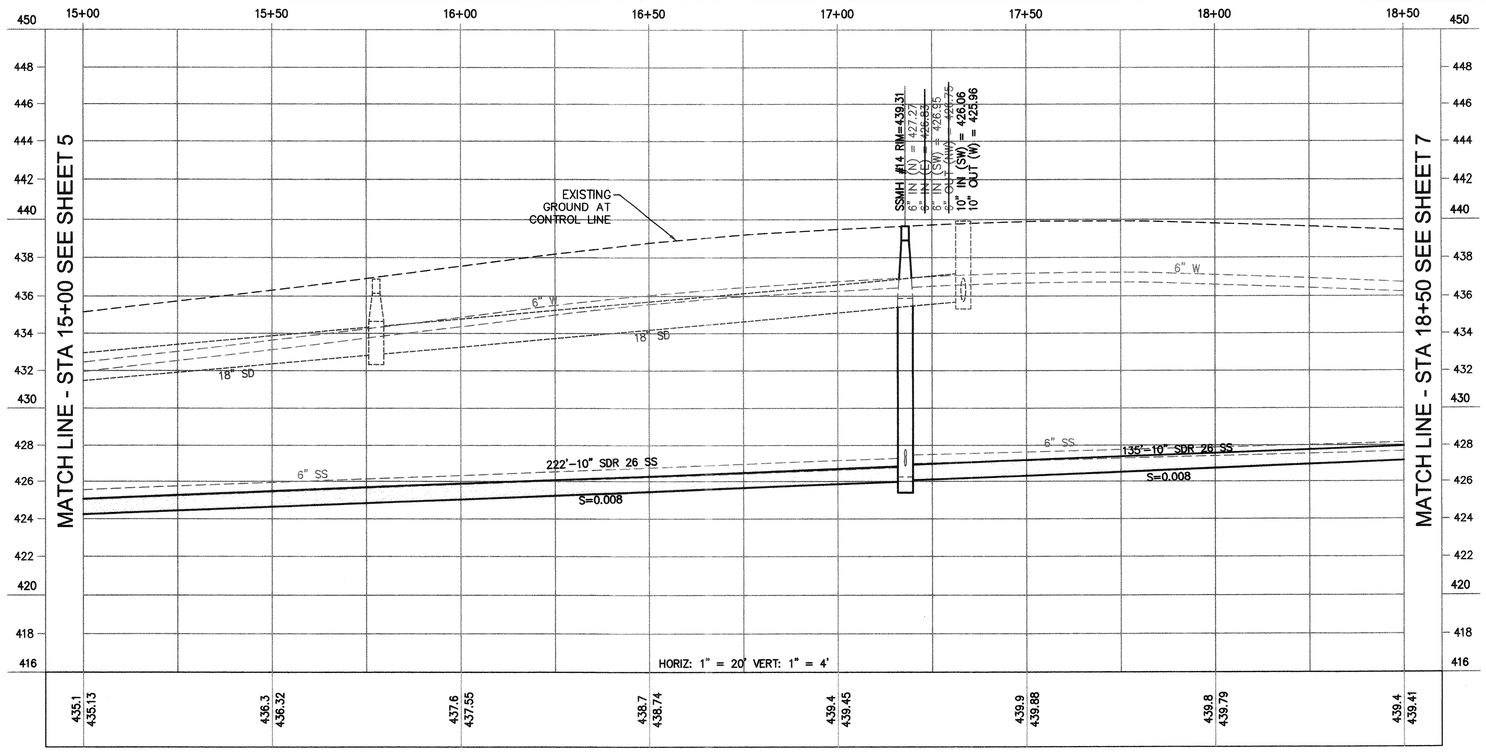
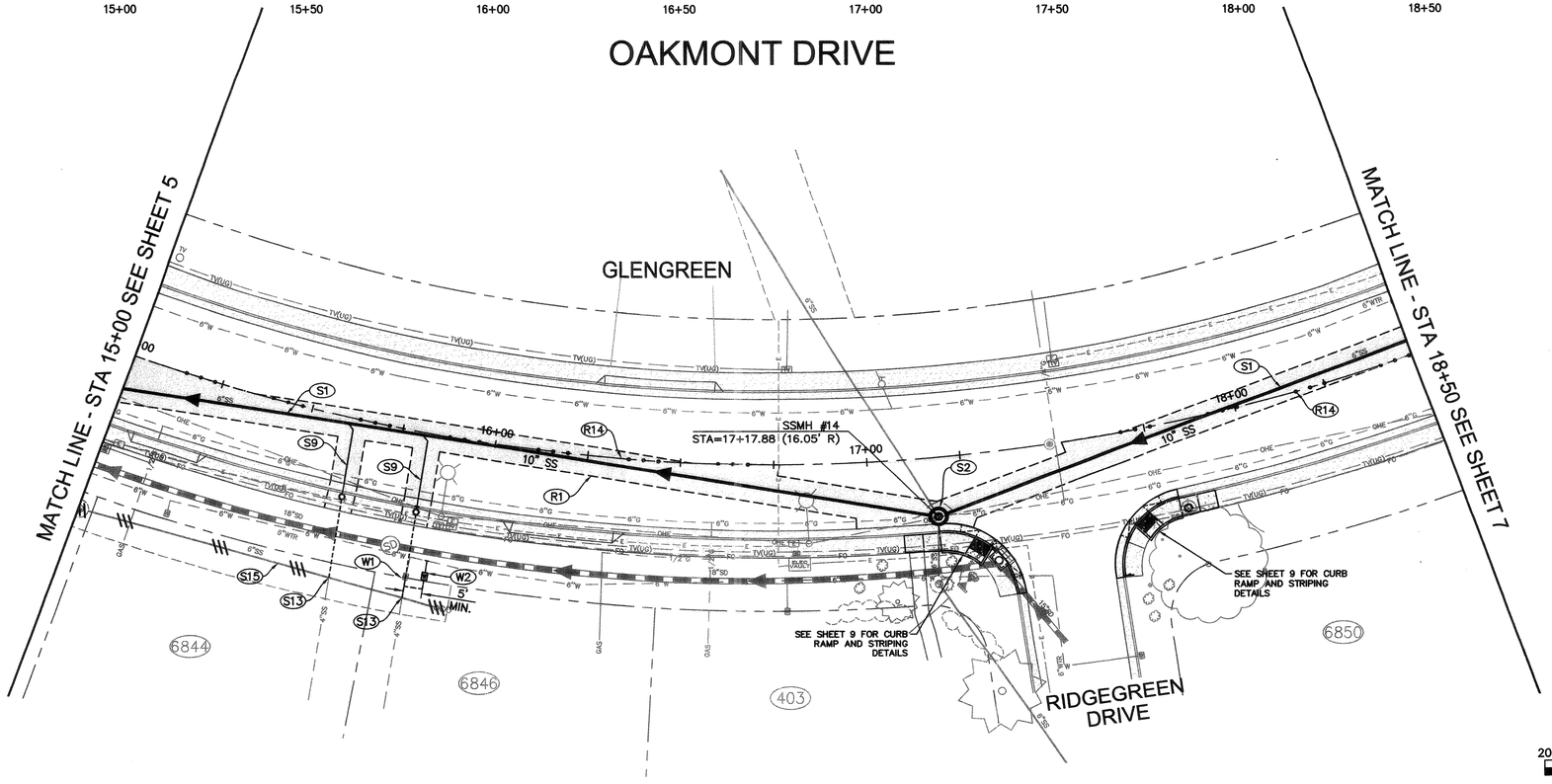
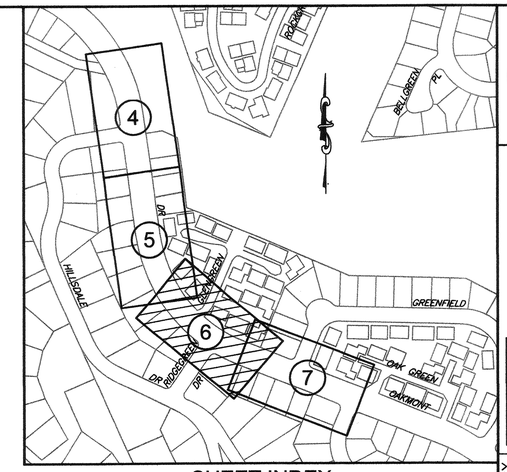


OAKMONT DRIVE





SHEET INDEX
NOT TO SCALE

CONSTRUCTION NOTES

- (S1) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SDR 26 SANITARY SEWER MAIN PER CITY STANDARDS.
- (S2) REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD 500.
- (S9) INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A. CONTRACTOR SHALL VERIFY AND LOCATE EXISTING LATERAL CONNECTION POINT PRIOR TO INSTALLATION.
- (S13) CONNECT TO EXISTING SANITARY SEWER LATERAL.
- (S15) ABANDON EXISTING 6" SANITARY SEWER MAIN PER CITY STD 507.
- (W1) ABANDON EXISTING WATER SERVICE. REMOVE SADDLE AND CORP STOP. INSTALL FULL CIRCLE CLAMP UNDER AUTHORIZED CITY INSPECTION.
- (W2) 1" HDPE WATER SERVICE, HOT TAP ON EXISTING MAIN UNDER AUTHORIZED CITY INSPECTION. CONNECT TO EXISTING WATER SERVICE.
- (R1) PLACE PERMANENT TRENCH PAVING PER CITY STD 215.
- (R14) INSTALL CENTERLINE TRAFFIC STRIPE, DETAIL 4 PER CALTRANS STD PLAN A20A.

20 0 20 40
HORIZONTAL SCALE: 1"=20'

REGISTERED PROFESSIONAL ENGINEER
STEVEN R. VAN SAUN
No. C 66180
CIVIL
STATE OF CALIFORNIA

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NO.	DATE	REVISION	BY

SCALE: AS SHOWN
DWN BY: JWM/LMM
DATE: FEBRUARY 2019
CHK BY: SRV

APPROVED: Deputy Director – Engineering
By _____ Date 2/21/19
LORI URBANEK

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

PLAN AND PROFILE
OAKMONT DRIVE - STA 15+00 TO STA 18+50

CONTRACT NO.
C02137

SHEET 6 OF 9

FILE NO.2018-0027

Images: 02137.tif; Xrefs: 123752_ltp.dwg;base-dt.dwg\123752_bench.dwg
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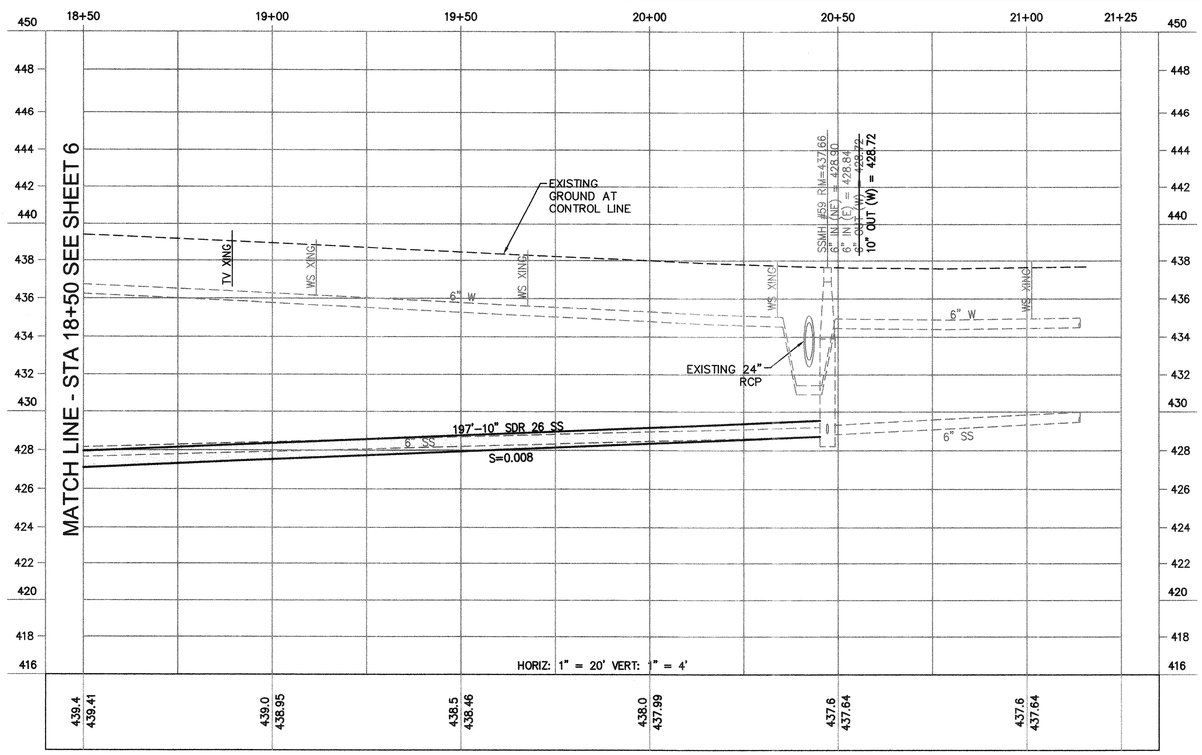

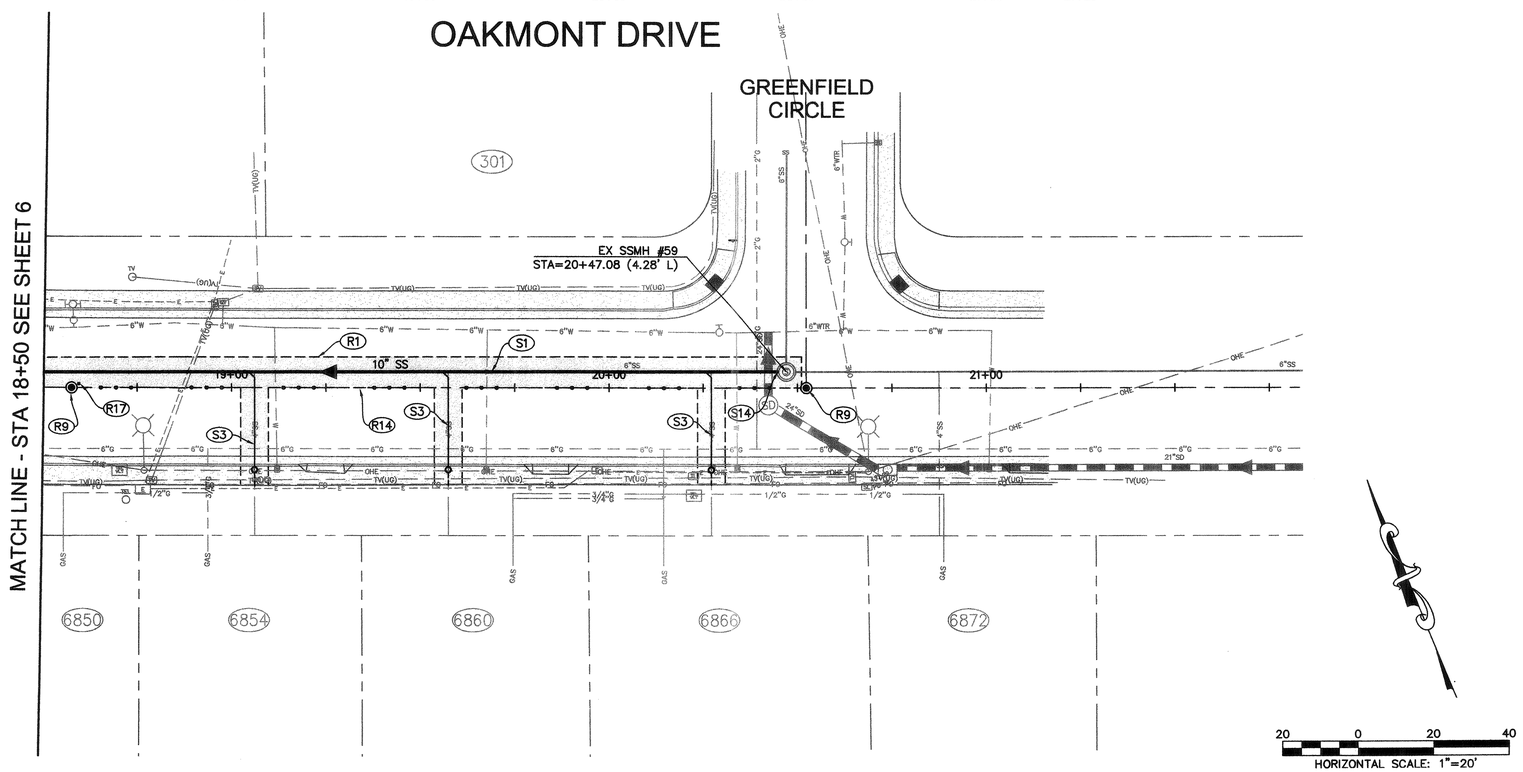

SHEET INDEX
NOT TO SCALE

CONSTRUCTION NOTES

(S1) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 10" SDR 26 SANITARY SEWER MAIN PER CITY STANDARDS.

(S3) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL PER CITY STD 513A.

(S14) MODIFY EXISTING SANITARY SEWER MANHOLE TO ACCOMMODATE 10" SANITARY SEWER CONNECTION. REFORM EXISTING CHANNEL. GROUT SOLID AND SEAL.

(R1) PLACE PERMANENT TRENCH PAVING PER CITY STD 215.

(R9) REMOVE AND REPLACE CITY MONUMENT PER CITY STD 280.

(R14) INSTALL CENTERLINE TRAFFIC STRIPE, DETAIL 4 PER CALTRANS STD PLAN A20A.

(R17) INSTALL BLUE TWO-WAY RETROREFLECTIVE MARKER PER CITY STD 857.

20 0 20 40
HORIZONTAL SCALE: 1"=20'

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NO.	DATE	REVISION	BY

DATE: FEBRUARY 2019
SCALE: AS SHOWN
CHK BY: SRV
DWN BY: JWM/LMM
APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/21/19

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

PLAN AND PROFILE
OAKMONT DRIVE - STA 18+50 TO STA 21+25

CONTRACT NO.
C02137

SHEET 7 OF 9

FILE NO.2018-0027

Image: C02137.ilk Xrefs: 123752_bp.dwg;base-dl.dwg;123752_trench.dwg
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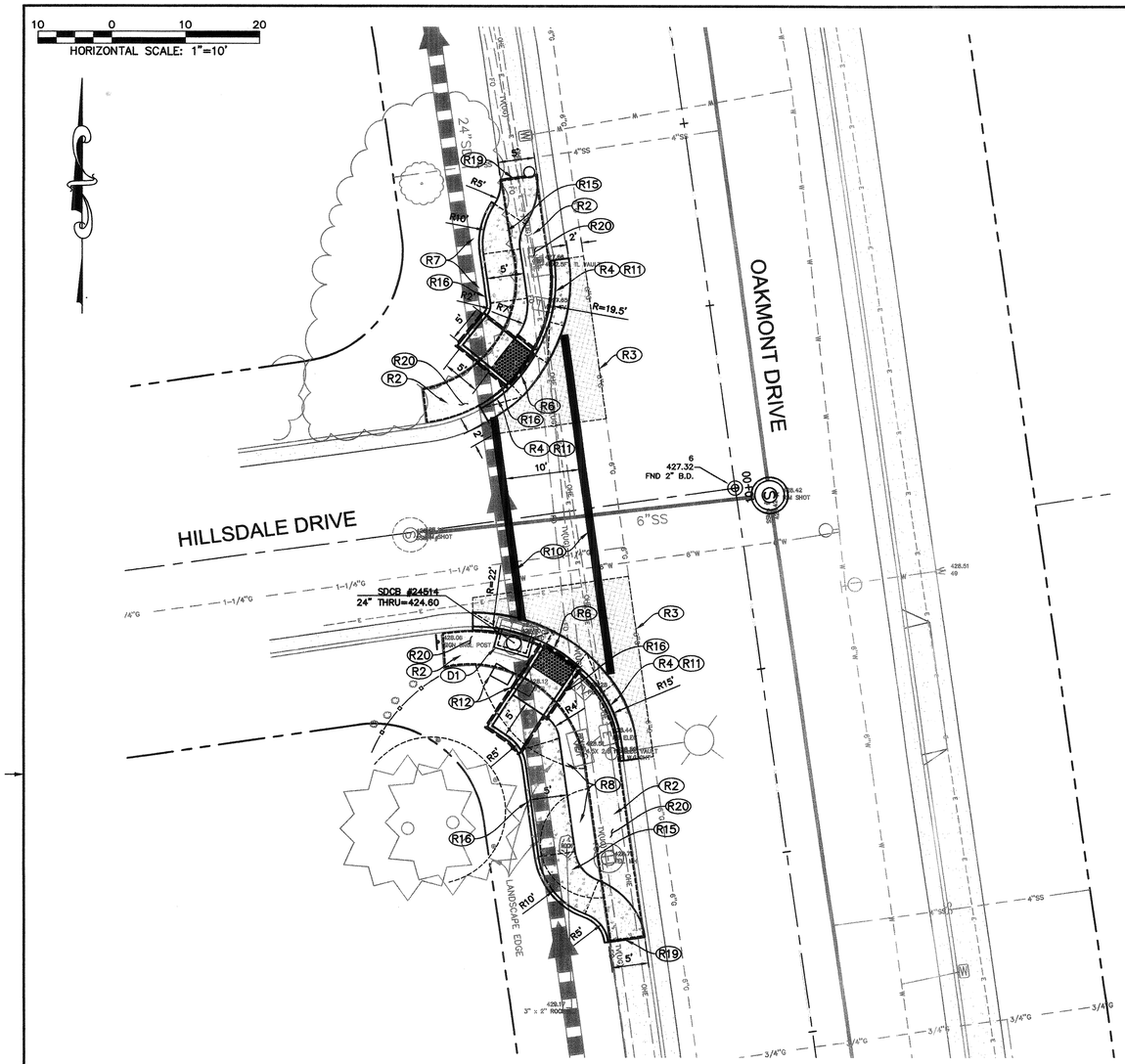
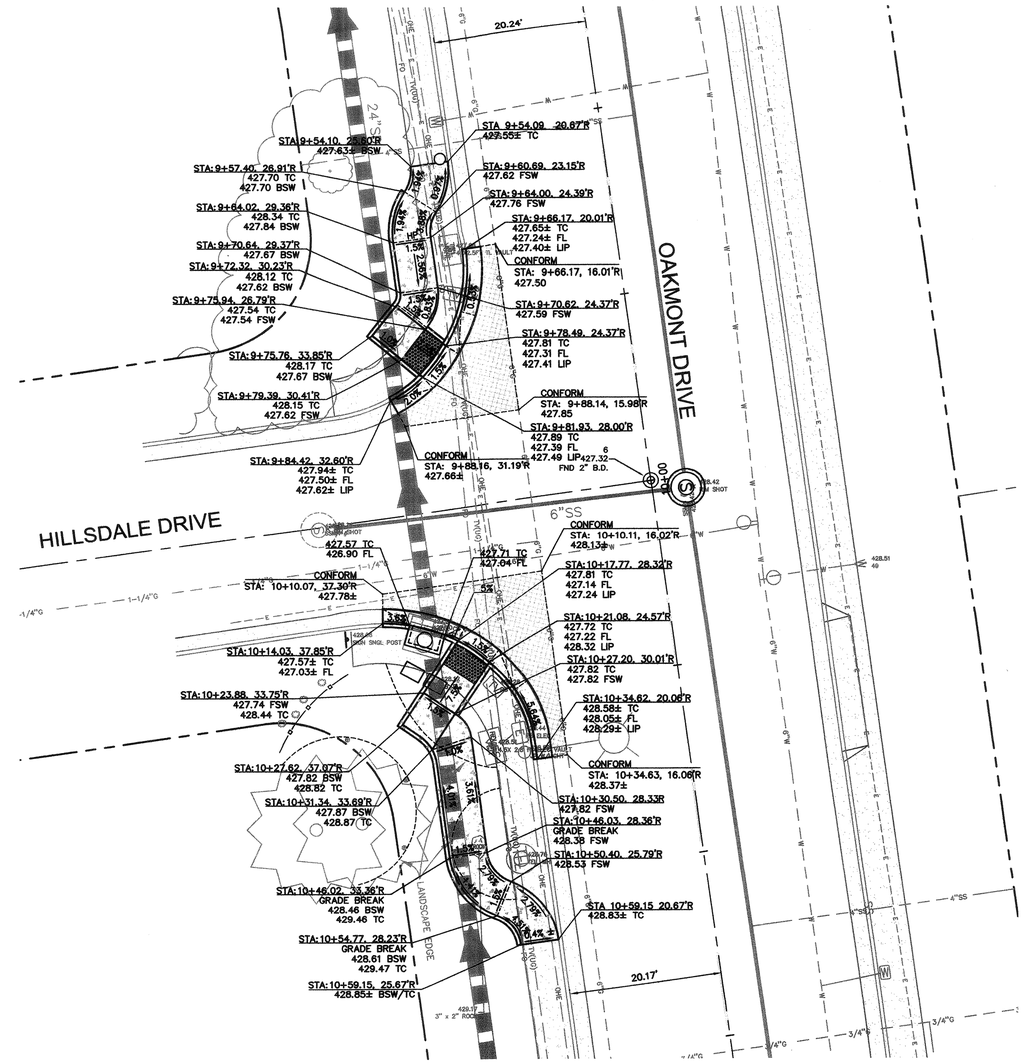


SITE PLAN
SCALE: 1"=10'



FINISH GRADING PLAN
SCALE: 1"=10'

CONSTRUCTION NOTES

(D1) REMOVE EXISTING CATCH BASIN AND INSTALL CATCH BASIN, TYPE II PER CITY STD 402.

(R2) REMOVE EXISTING CONCRETE SIDEWALK.

(R3) SAWCUT AND CONFORM TO EXISTING PAVEMENT WITH 6" DEEP AC CONFORM PLACED IN TWO LIFTS.

(R4) REMOVE EXISTING CURB AND GUTTER AS REQUIRED TO ACCOMMODATE PROPOSED IMPROVEMENTS.

(R6) CONSTRUCT MODIFIED CASE F CONCRETE CURB RAMP PER CALTRANS STD PLAN RSP A88A.

(R7) NEATLY TRIM SHRUBS AS NECESSARY TO CONSTRUCT CURB RAMP.

(R8) REMOVE EXISTING LANDSCAPING AS REQUIRED TO CONSTRUCT CURB RAMP & SIDEWALK.

(R10) PLACE WHITE 12" THERMOPLASTIC CROSSWALK STRIPING.

(R11) CONSTRUCT CONCRETE CURB AND GUTTER PER CITY STD 241.

(R12) RELOCATE CABLE UTILITY BOX AS SHOWN.

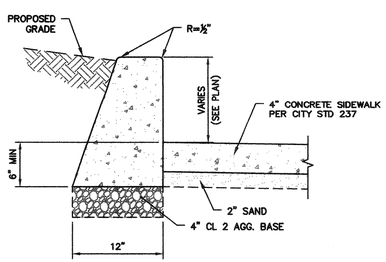
(R15) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.

(R16) RETAINING CURB PER DETAIL — (1/8)

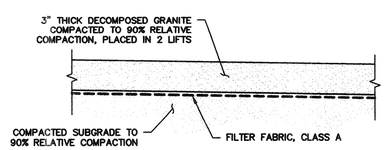
(R19) CONFORM TO EXISTING SIDEWALK.

(R20) DECOMPOSED GRANITE PER DETAIL — (2/8)

INDICATES RAMP PAYMENT LIMITS



(1/8) RETAINING CURB DETAIL (SIMILAR TO CITY STD 233)
SCALE: NONE



(2/8) DECOMPOSED GRANITE
SCALE: NONE

REGISTERED PROFESSIONAL ENGINEER — STEVEN R. VAN SANTEN — No. C 36180 — CIVIL — STATE OF CALIFORNIA

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NO.	DATE	REVISION	BY

DATE: FEBRUARY 2019
CHK BY: SRV
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DWN BY: JWM/LMM
APPROVED: Deputy Director - Engineering
By _____ Date 2/21/19
LORI URBANEK

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

CURB RAMP DETAILS
HILLSDALE DR. AT OAKMONT DRIVE

CONTRACT NO. C02137
SHEET 8 OF 9
FILE NO. 2018-0027

Image: 02137.tif;02137.tif; Xrefs: 123752_dp.dwg;123752_bp.dwg
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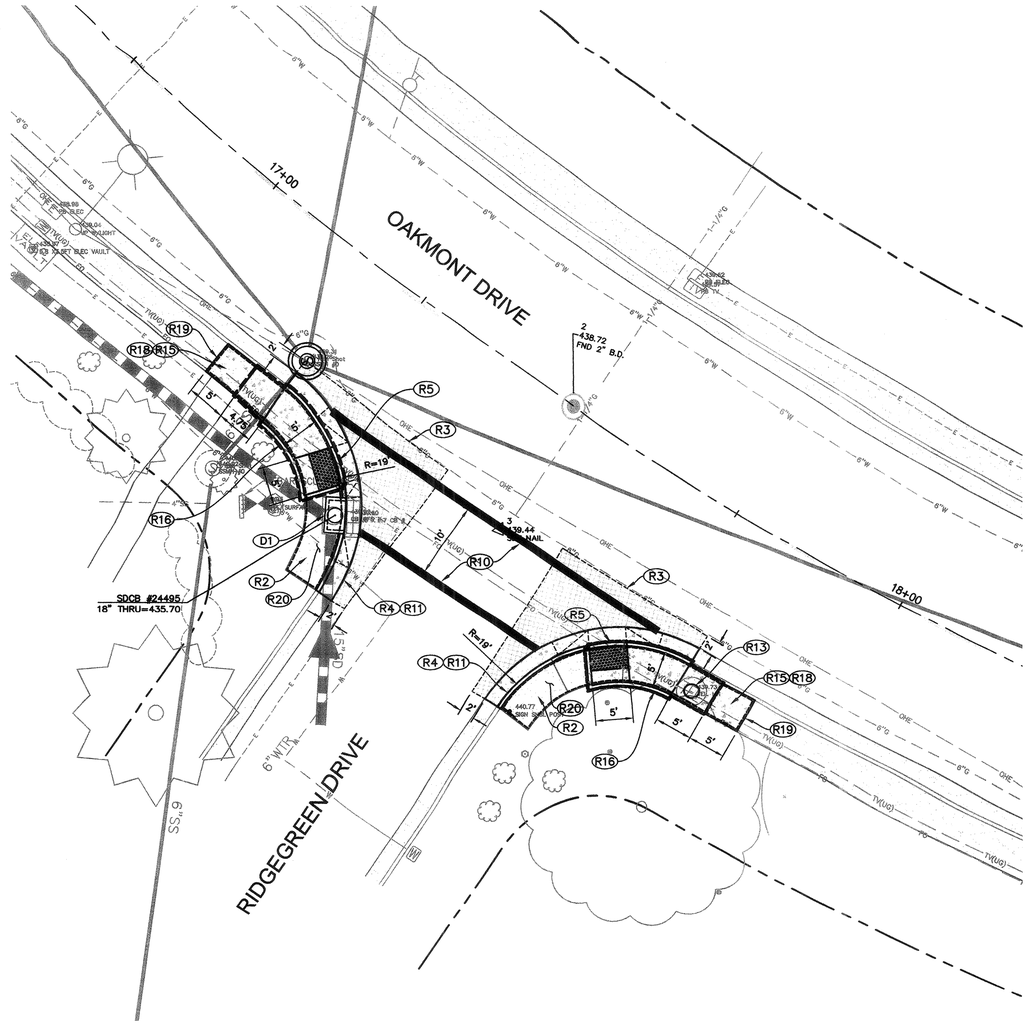
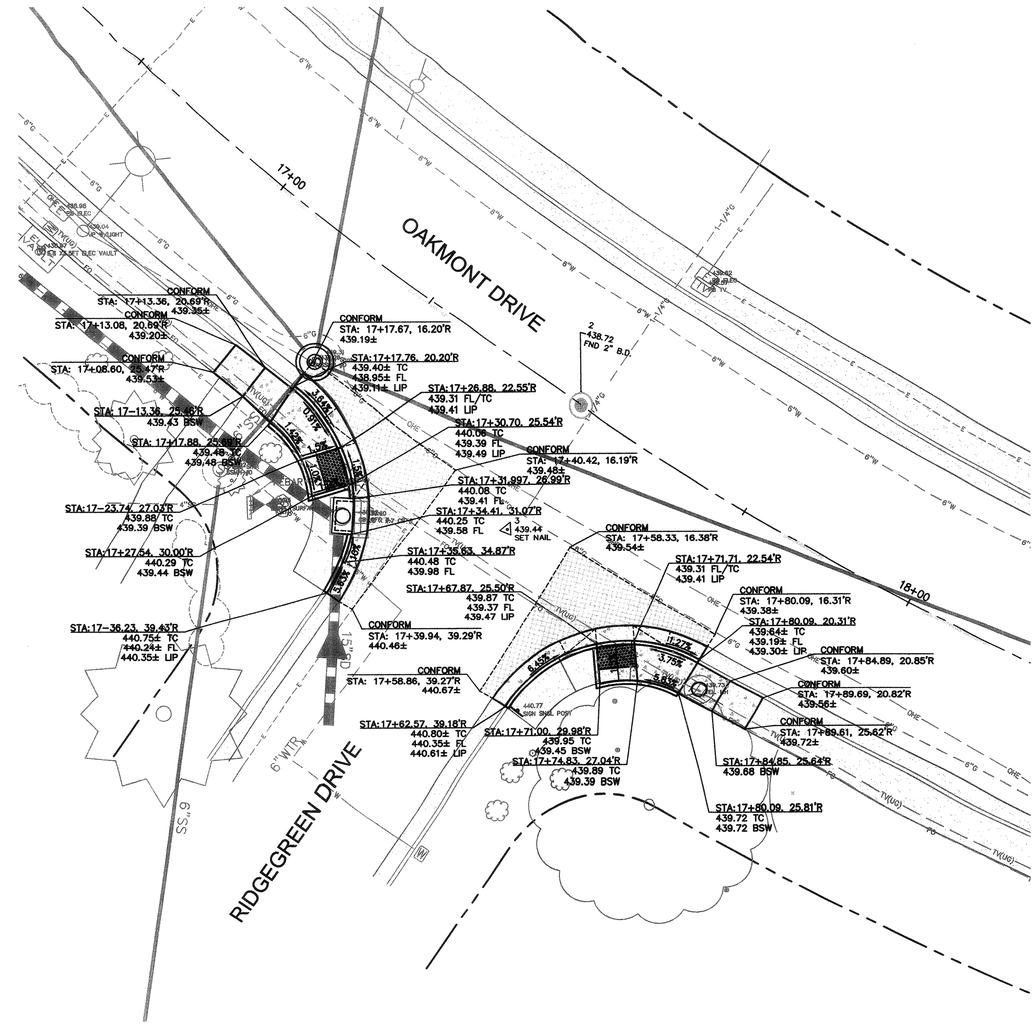
HORIZONTAL SCALE: 1"=10'



SITE PLAN

SCALE: 1"=10'



FINISH GRADING PLAN

SCALE: 1"=10'

CONSTRUCTION NOTES

(D1) REMOVE EXISTING CATCH BASIN AND INSTALL CATCH BASIN, TYPE II PER CITY STD 402.

(R2) REMOVE EXISTING CONCRETE SIDEWALK.

(R3) SAWCUT AND CONFORM TO EXISTING PAVEMENT WITH 6" DEEP AC CONFORM PLACED IN TWO LIFTS.

(R4) REMOVE EXISTING CURB AND GUTTER AS REQUIRED TO ACCOMMODATE PROPOSED IMPROVEMENTS.

(R5) CONSTRUCT MODIFIED CASE C CONCRETE CURB RAMP PER CALTRANS STD PLAN RSP A88A.

(R10) PLACE WHITE 12" THERMOPLASTIC CROSSWALK STRIPING.

(R11) CONSTRUCT CONCRETE CURB AND GUTTER PER CITY STD 241.

(R13) ADJUST MANHOLE FRAME AND COVER TO GRADE.

(R15) CONSTRUCT CONCRETE SIDEWALK PER CITY STD 237.

(R16) RETAINING CURB PER DETAIL 1/8

(R18) CONSTRUCT 5' MINIMUM CROSS SLOPE TRANSITION.

(R19) CONFORM TO EXISTING SIDEWALK.

(R20) DECOMPOSED GRANITE PER DETAIL 2/8

INDICATES RAMP PAYMENT LIMITS

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DWN BY: JWM/LMM
CHK BY: SRV

APPROVED: Deputy Director - Engineering
By LORI URBANEK Date 2/21/19

CITY OF SANTA ROSA
OAKMONT DRIVE
SEWER MAIN UPSIZING

CURB RAMP DETAILS
RIDGEGREEN DR. AT OAKMONT DR.

CONTRACT NO. C02137

SHEET 9 OF 9

FILE NO. 2018-0027

Image: 02137.R6;02137.R6; Xrefs: 123752_dp.dwg;123752_lp.dwg
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