

LEGEND	
PROPOSED	EXISTING

SITE DEVELOPMENT REVIEW PLANS

OF

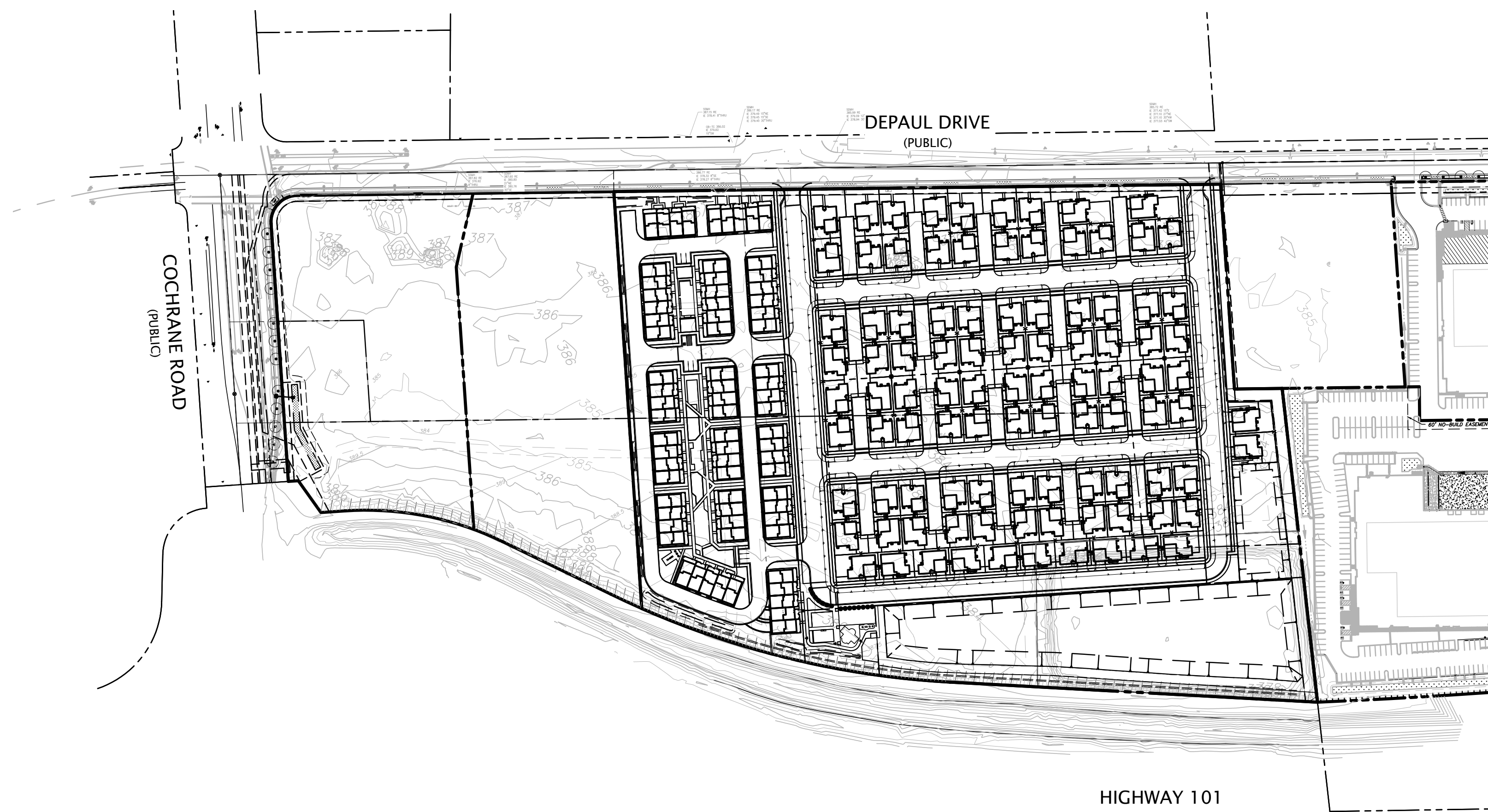
DEPAUL RESIDENCES

FOR

HIGH STREET NO. CAL. DEVELOPMENT, INC.

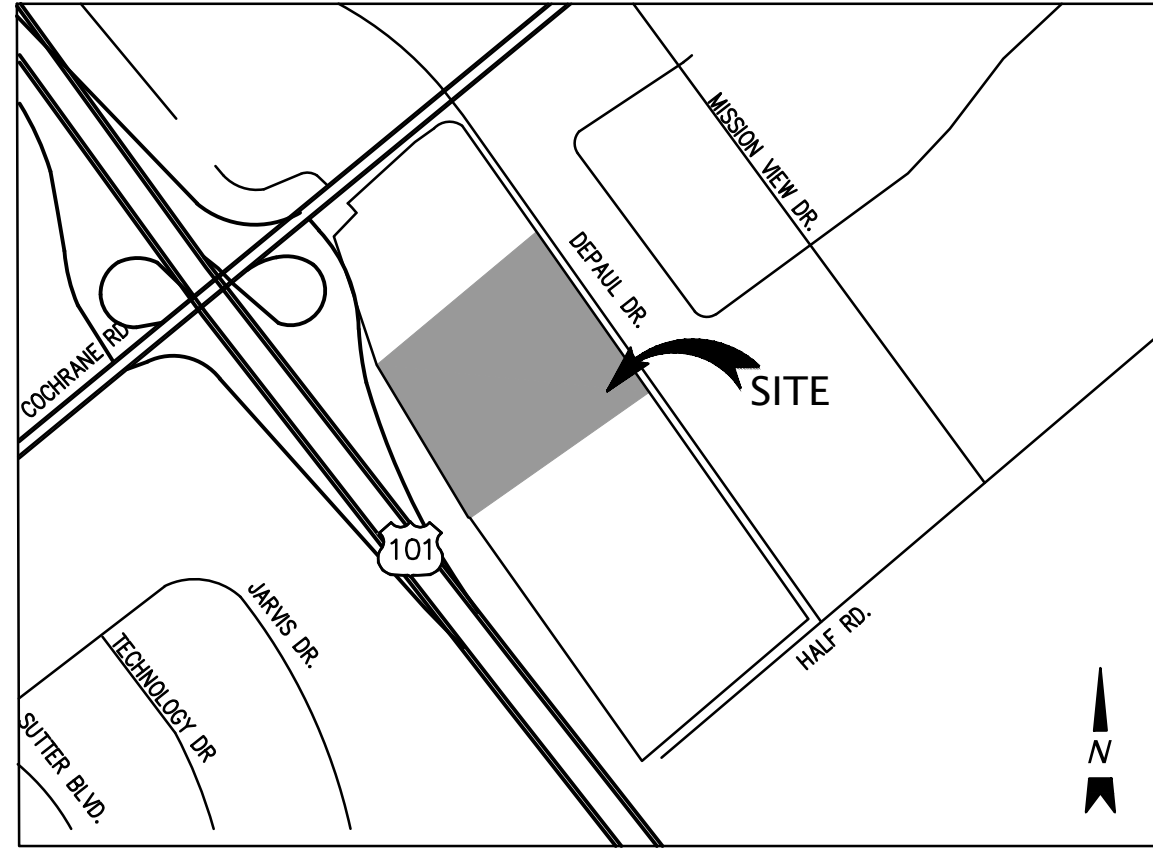
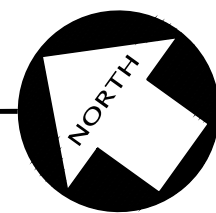
MORGAN HILL,

CALIFORNIA



SITE MAP

Scale 1" = 150'



VICINITY MAP

NOT TO SCALE

SHEET INDEX

SHEET	DESCRIPTION
CV	COVER SHEET
C1.0	TOPOGRAPHIC SURVEY
C2.0	HORIZONTAL CONTROL PLAN
C3.0	OVERALL GRADING & DRAINAGE PLAN
C3.1	PRELIMINARY GRADING & DRAINAGE PLAN
C3.2	PRELIMINARY GRADING & DRAINAGE PLAN
C3.3	PRELIMINARY GRADING & DRAINAGE PLAN
C3.4	PRELIMINARY GRADING & DRAINAGE PLAN
C4.0	SECTIONS
C5.0	OVERALL UTILITY PLAN
C5.1	PRELIMINARY UTILITY PLAN
C5.2	PRELIMINARY UTILITY PLAN
C5.3	PRELIMINARY UTILITY PLAN
C5.4	PRELIMINARY UTILITY PLAN
C6.0	STORM WATER QUALITY CONTROL PLAN
C7.0	EROSION CONTROL PLAN

EARTHWORK SUMMARY

CUT: 33,960 CY

FILL: 32,733 CY

NOTE:

THE EARTHWORK QUANTITIES LISTED ON THESE PLANS ARE STATED ONLY FOR CALCULATION OF GRADING AND BUILDING PERMIT FEES. THESE QUANTITIES DO NOT INCLUDE TRENCH OR FOOTING SPOILS, SHRINK OR SWELL FROM COMPACTING EFFORTS OR OTHER VARIABLES. THE ENGINEER MAKES NO REPRESENTATION THIS SITE WILL BALANCE. THE CONTRACTOR SHALL DETERMINE HIS OWN EARTHWORK QUANTITIES AND BASE HIS BID ACCORDINGLY.



PREPARED BY OR UNDER THE SUPERVISION OF
STEVEN J. HUNN 62008

DATE



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Livermore, CA 94551



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DEVELOPMENT, INC.
415 Mission Street, 45th Floor, SAN
FRANCISCO, CA 94105

Tel. No.: (650) 224-8707

Project:

DEPAUL RESIDENCES

Cochrane Rd.
Morgan Hill, CA

Consultants:

Civil: Kier+Wright
Structural:
Mechanical:
Plumbing:
Electrical:
Landscape:
Fire Protection:
Soils Engineer:

Title: COVER SHEET

Project Number: A18673-8

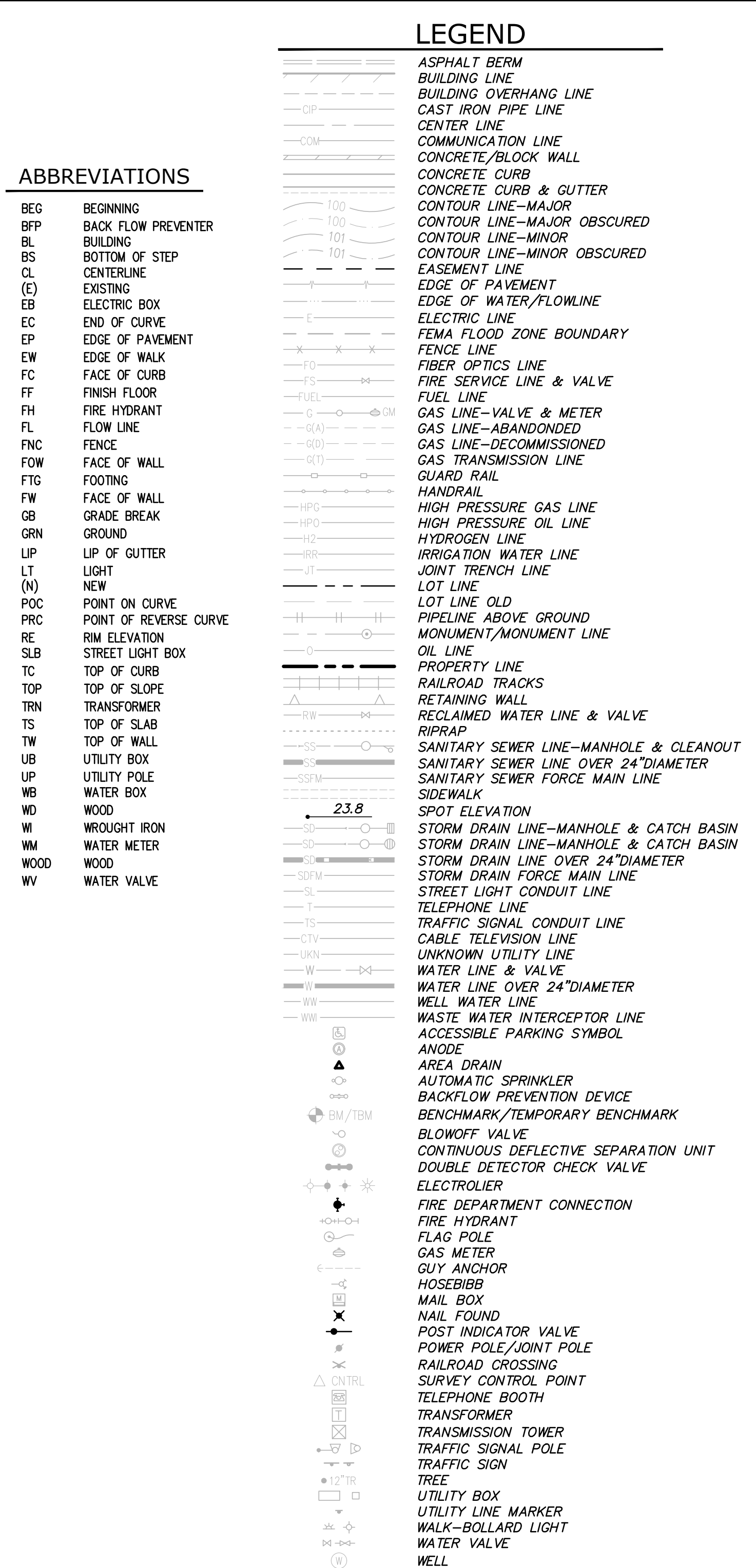
Drawn by: CV

Date: 03/22/2024

Revision:

Sheet:

CV



1. THIS PLOT WAS PREPARED FROM INFORMATION FURNISHED IN THE OWNER'S POLICY OF TITLE INSURANCE, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, FILE NUMBER NC-1108255-SC, DATED MARCH 27, 2024, NO LIABILITY IS ASSUMED FOR MATTERS OF RECORD NOT STATED IN SAID OWNER'S POLICY OF TITLE INSURANCE THAT MAY AFFECT THE TITLE LINES, OR EXCEPTIONS, OR EASEMENTS OF THE PROPERTY.
2. ALL DISTANCES AND ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.
3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. (A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES). HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
4. PHYSICAL ITEMS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE ITEMS VISIBLE AS OF THE DATE OF THIS SURVEY. SUBSURFACE STRUCTURES, IF ANY, ARE NOT SHOWN. SAID SUBSURFACE OBJECTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE FOOTINGS, WALLS, SHEDS, STRUCTURAL PILES, UTILITY VAULTS, PIPING, UNDERGROUND TANKS, AND ANY OTHER SUBSURFACE STRUCTURES NOT REVEALED BY A SURFACE INSPECTION.
5. THE SUBJECT PROPERTY IS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR SANTA CLARA COUNTY, CALIFORNIA, MAP NUMBER 060805C444H FOR COMMUNITY NUMBER 060346 (CITY OF SAN JOSE HILLS), WITH AN EFFECTIVE DATE OF MAY 18, 2009, AS BEING LOCATED IN FLOOD ZONE "X"-SHADED".

ACCORDING TO FEMA THE DEFINITION OF ZONE "X"-SHADED" IS: AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD
6. BENCHMARK: BRASS DISK ON TOP OF THE SOUTHERLY CORNER FOR RAISED CONCRETE UTILITY VAULT FOR CROSS VALLEY PIPELINE; 100 FEET EASTERLY OF HIGHWAY 101'S NORTHEASTERN ACCESS RAMP FROM COCHRANE ROAD; APPROXIMATELY 100 FEET NORTH FROM JUNCTION OF COCHRANE ROAD; 250 FEET NORTHWESTERLY FROM INSECTION OF COCHRANE ROAD AND SAINT LOUISE DRIVE. CITY OF MORGAN HILL.

ELEVATION = 384.02, SANTA CLARA VALLEY WATER DISTRICT BENCHMARK
7. BASIS OF BEARINGS:

THE BEARING OF NORTH 36° 22' 00" WEST TAKEN ON THE NORTHEASTERLY LINE OF ST. LOUISE DRIVE (DE PAUL DRIVE) AS SHOWN ON THAT CERTAIN PARCEL MAP FILED FOR RECORD ON AUGUST 30, 1995, IN BOOK 669 OF MAPS AT PAGES 34 AND 35, OFFICIAL RECORDS OF SANTA CLARA COUNTY WAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON.
8. THIS MAP WAS PREPARED ACCORDING TO PROCEDURES THAT COMPLY WITH NATIONAL STANDARD FOR SPATIAL ACCURACY (NSSDA) FOR A CONTOUR INTERVAL OF FOOT AND A MAP SCALE OF 1"=40'. CONTOURS WITHIN VEGETATED AREAS AND SHOWN ON THIS MAP MAY NOT MEET MAPPING STANDARDS AND SHOULD BE FIELD CHECKED. THIS COMPUTER PLOTTED MAP WAS GENERATED BY PHOTOGRAMMETRIC METHODS BY KIER & WRIGHT, JOB NO. A18673-8, DATE OF PHOTOGRAPHY: FEBRUARY 28, 2024.



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HIGH STREET NO. CAL
DEVELOPMENT, INC.

415 Mission Street, 45th Floor, SAN
FRANCISCO, CA 94105

Tel. No.: (650) 224-8707

Project:

DEPAUL RESIDENCES

Cochrane Rd.
Morgan Hill, CA

Consultants:

Civil: Kier+Wright
Structural:
Mechanical:
Plumbing:
Electrical:
Landscape:
Fire Protection:
Soils Engineer:

Title: TOPOGRAPHIC SURVEY

Project Number: A18673-8
Drawn by: CV
Date: 03/22/2024
Revision:

Sheet:

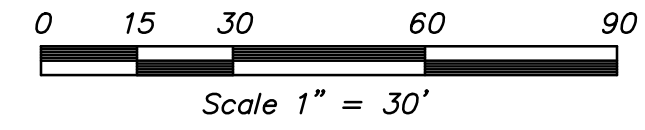
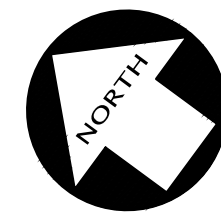
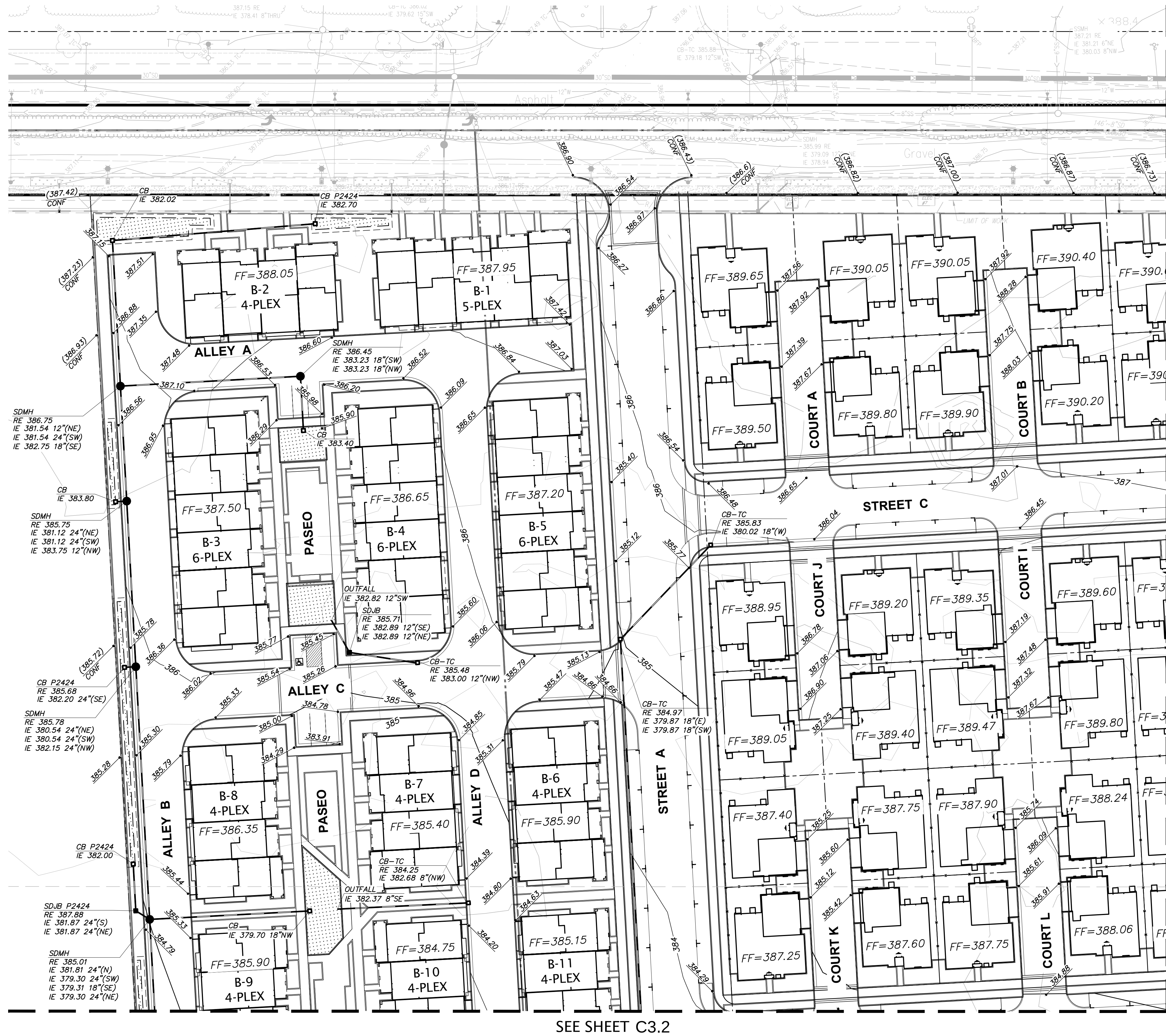
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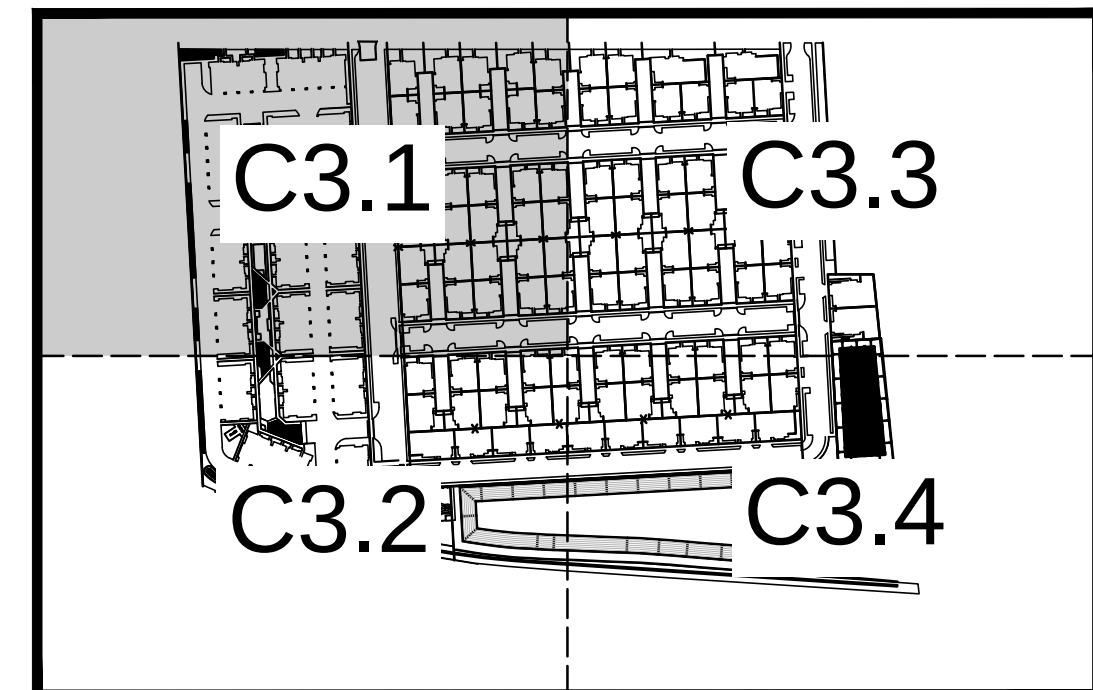
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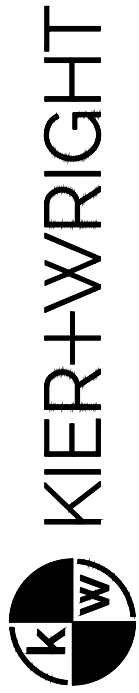


LEGEND

▲	AREA DRAIN
□	STORM DRAIN CATCH BASIN
●	STORM DRAIN JUNCTION BOX
○	STORM DRAIN MANHOLE
FL	FLOW LINE
FF	FINISHED FLOOR
PV	PAVEMENT
RE	RIM ELEVATION
23.8	SPOT ELEVATION
X'SD	STORM DRAIN LINE
TC	TOP OF CURB



KEYMAP



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Livermore, CA 94551
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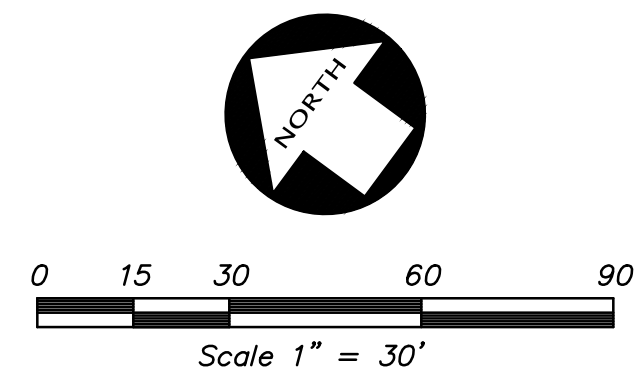
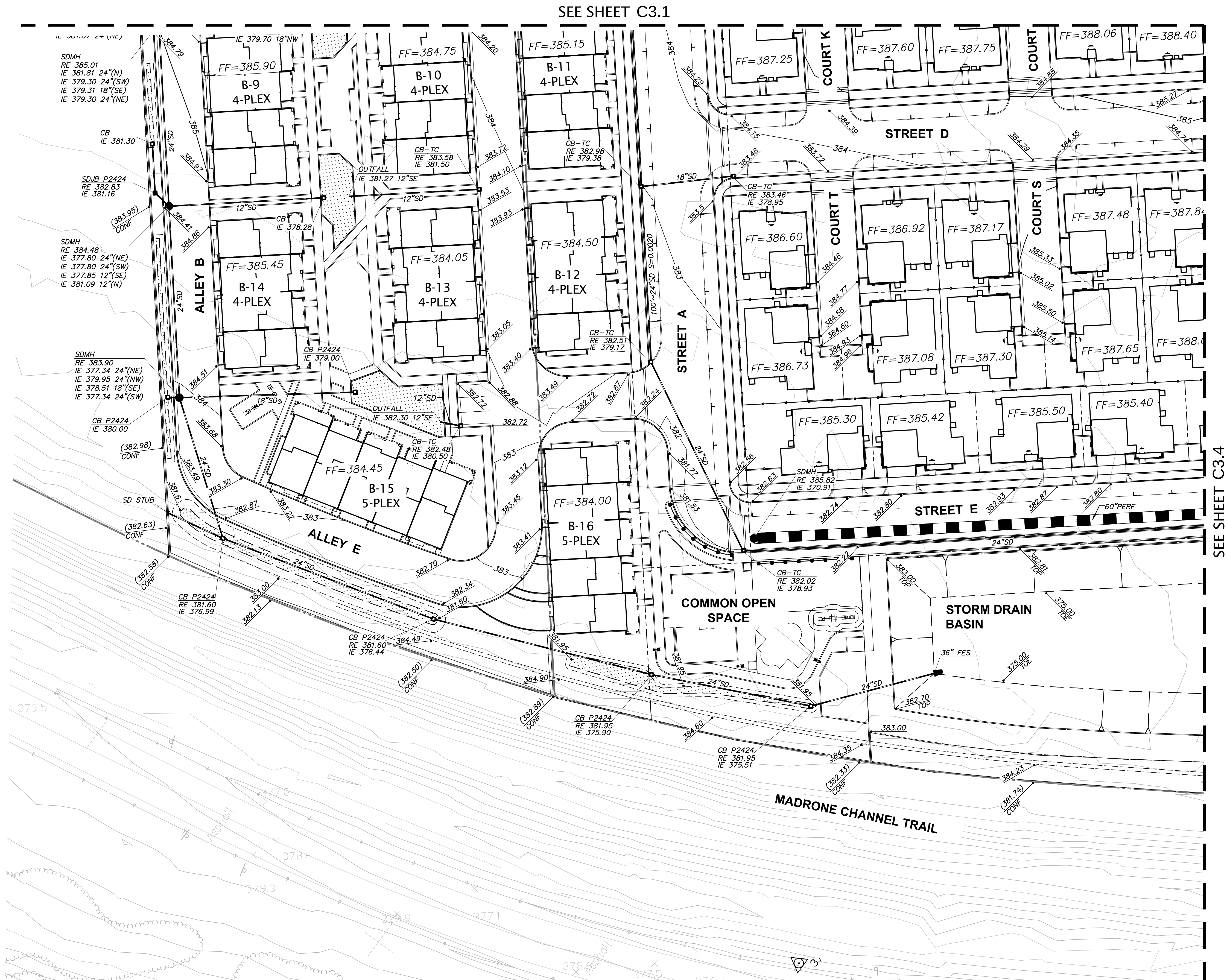
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Project Number: A18673-8
Drawn by: CV
Date: 03/22/2024
Revision:

Sheet:

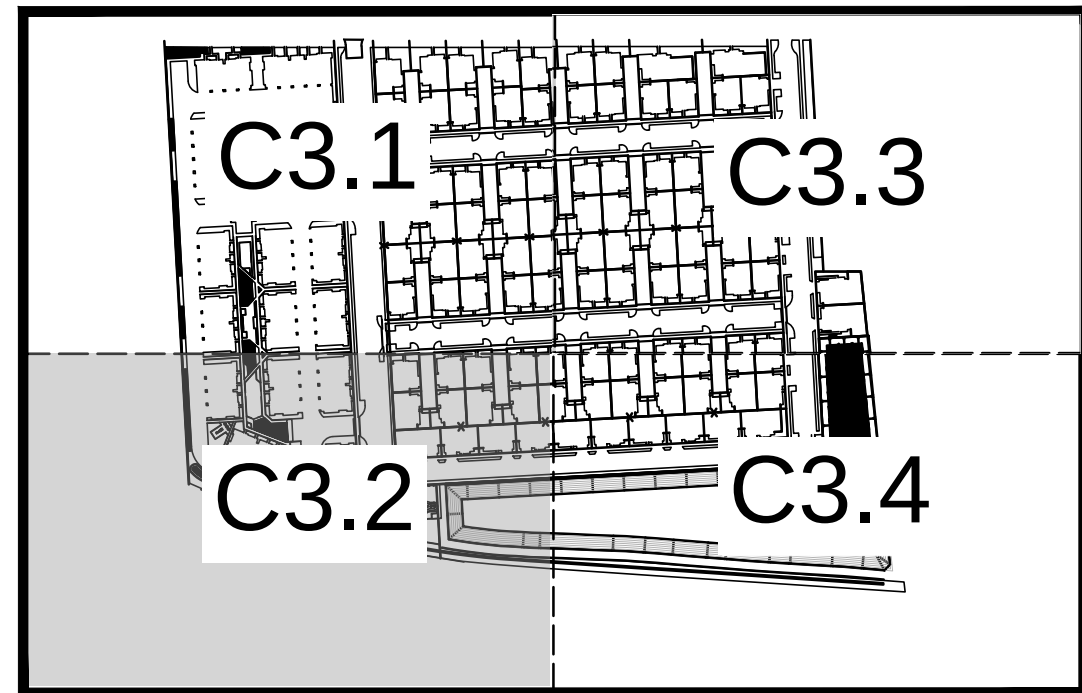
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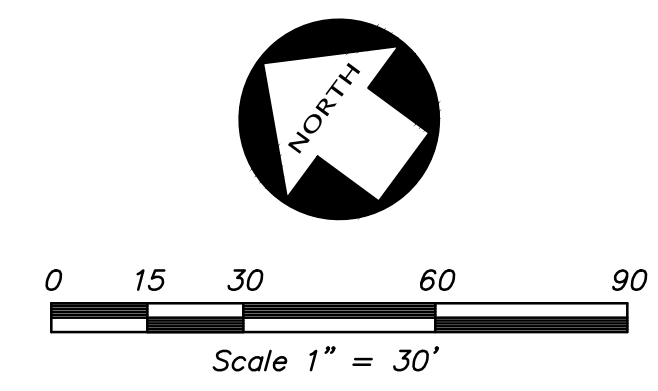
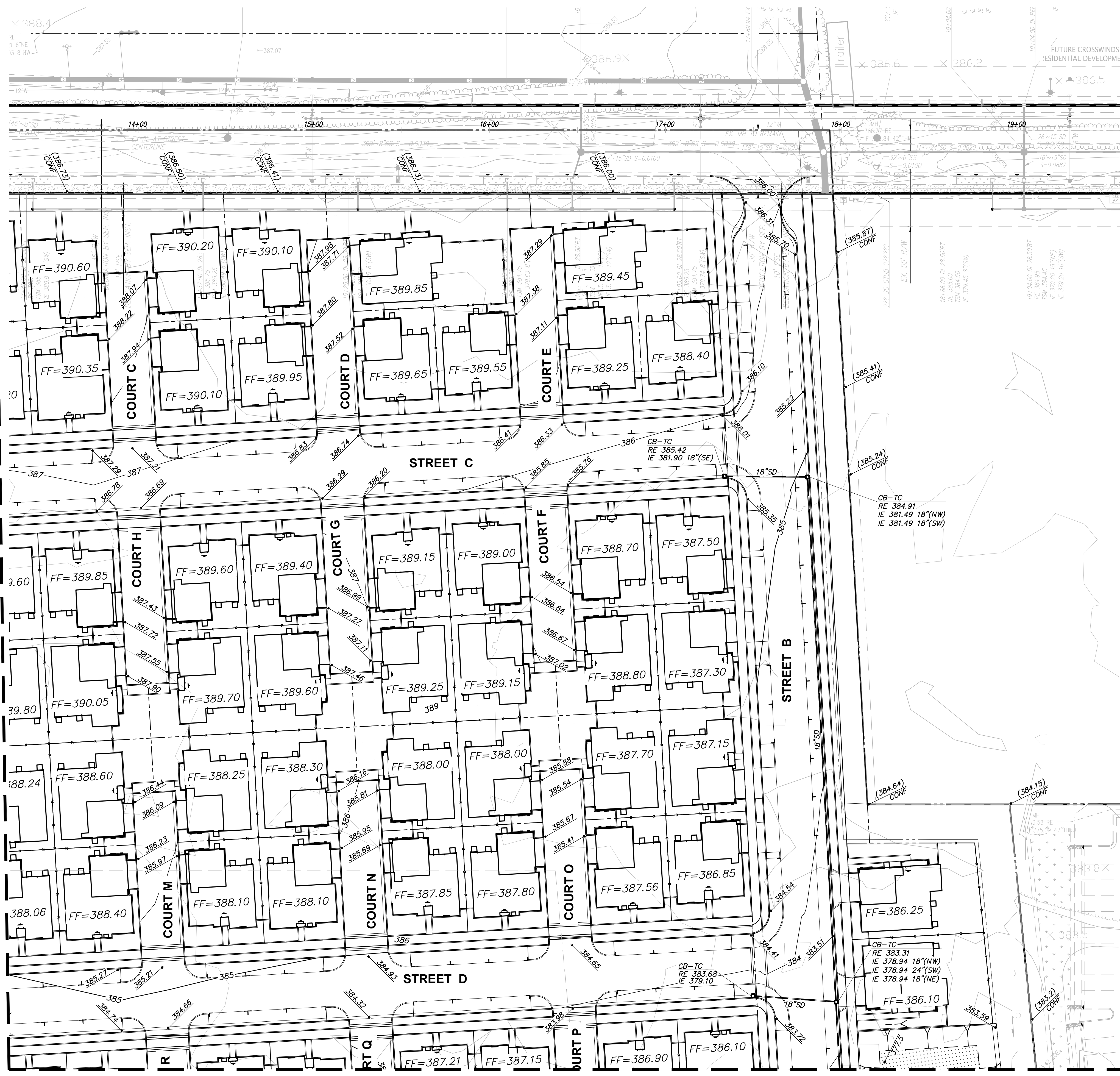


LEGEND

▲	AREA DRAIN
■	STORM DRAIN CATCH BASIN
□	STORM DRAIN JUNCTION BOX
●	STORM DRAIN MANHOLE
—	FLOW LINE
FF	FINISHED FLOOR
PV	PAVEMENT
RE	RIM ELEVATION
23.8	SPOT ELEVATION
X"SD	STORM DRAIN LINE
TC	TOP OF CURB

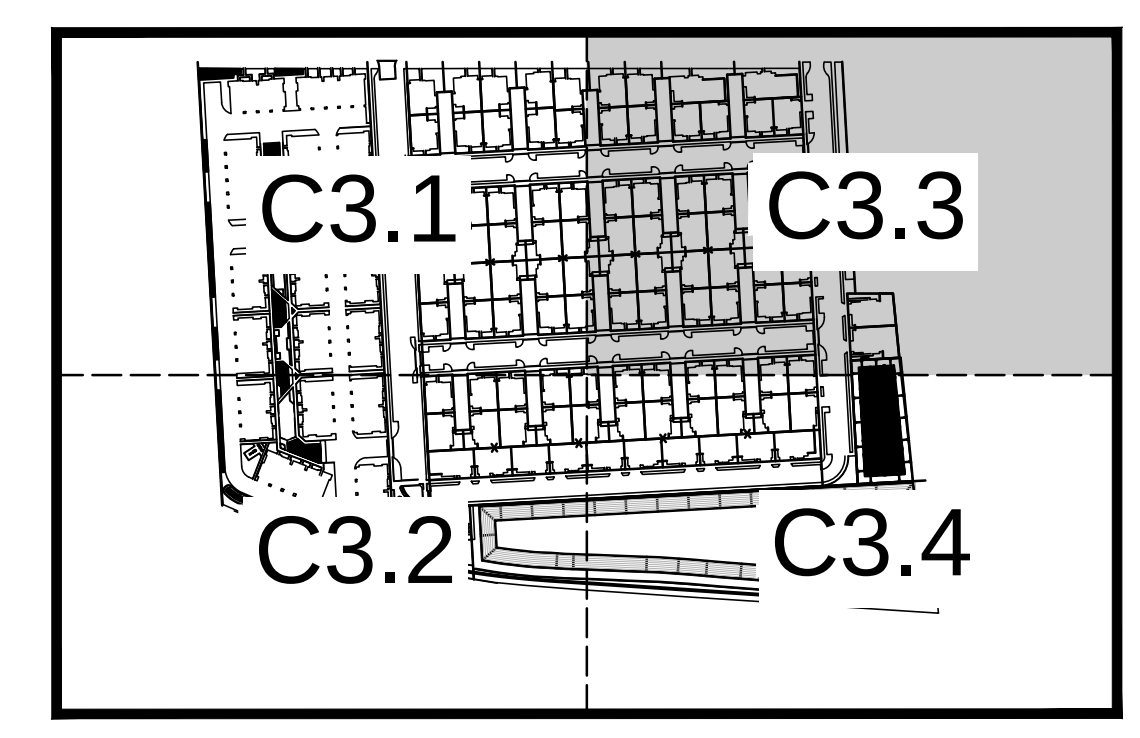


KEYMAP



LEGEND

- ▲ AREA DRAIN
- STORM DRAIN CATCH BASIN
- STORM DRAIN JUNCTION BOX
- STORM DRAIN MANHOLE
- FL FLOW LINE
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- RE RIM ELEVATION
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- TC TOP OF CURB



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DEPAUL RESIDENCES

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Morgan Hill, CA

Consultants:
Civil: Kier&Wright
Structural:
Mechanical:
Plumbing:
Electrical:
Landscape:
Fire Protection:
Soils Engineer:

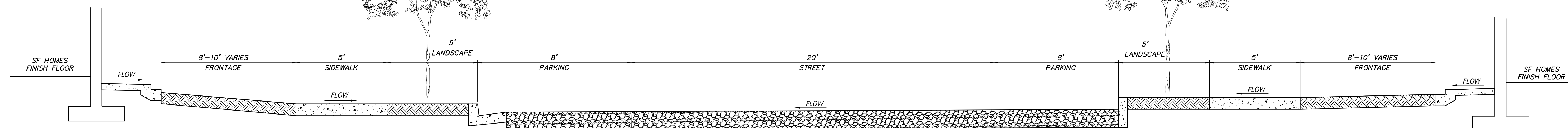
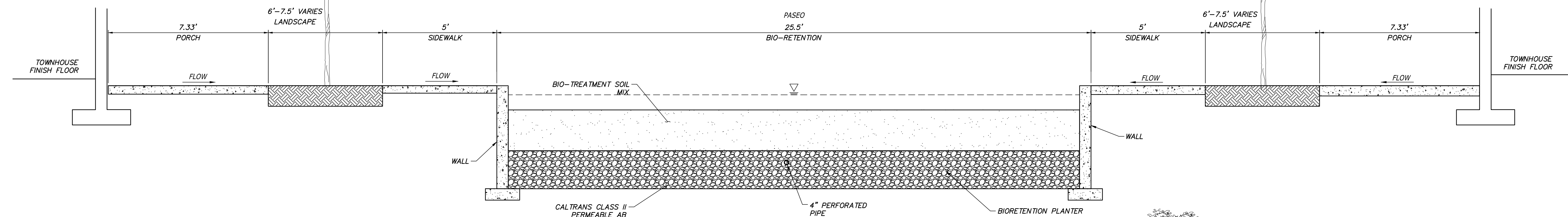
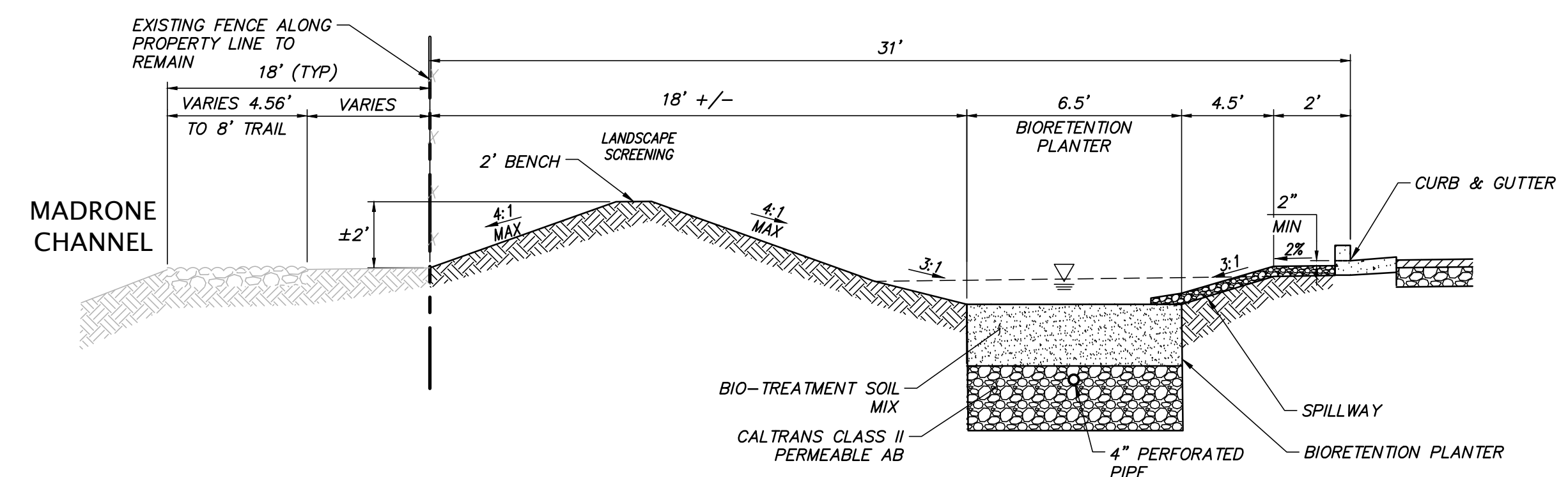
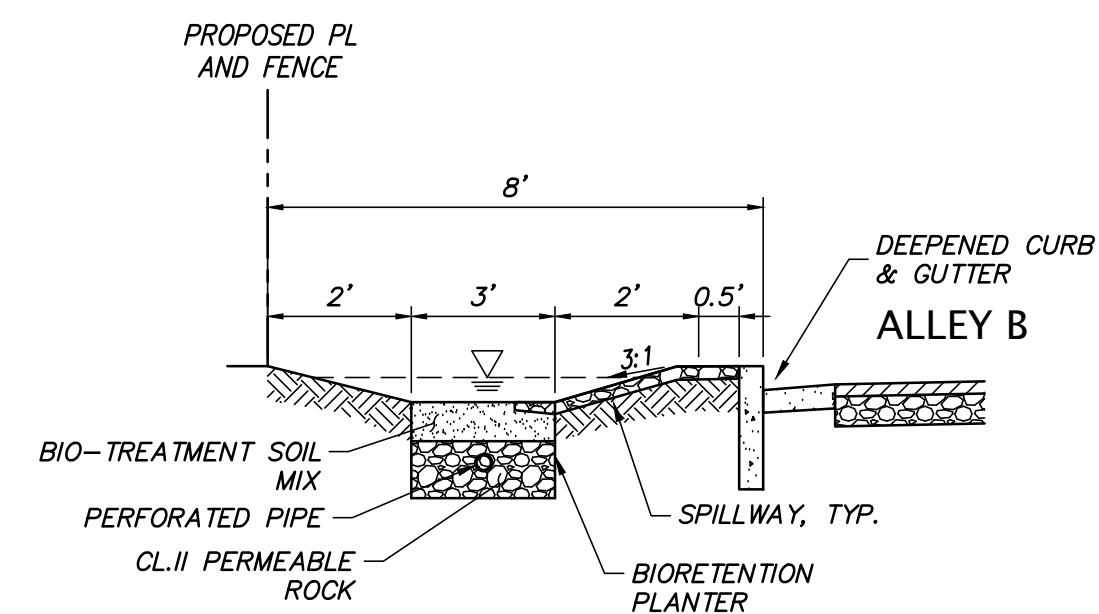
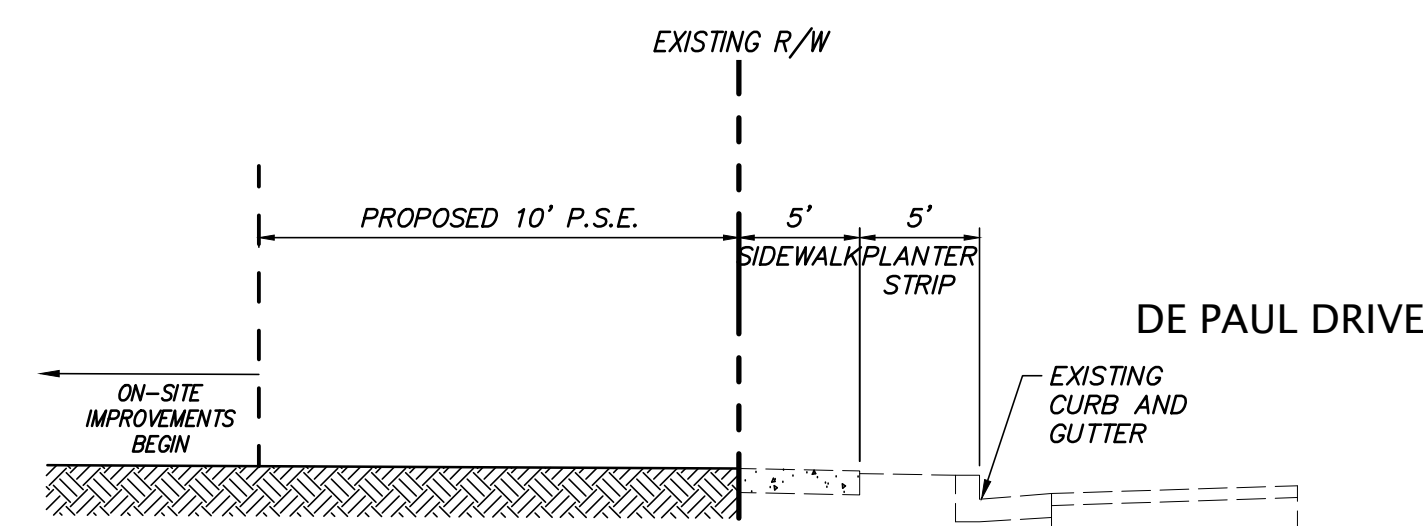
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PLAN

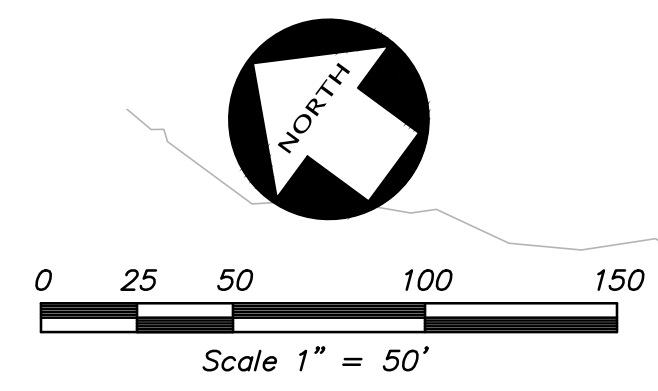
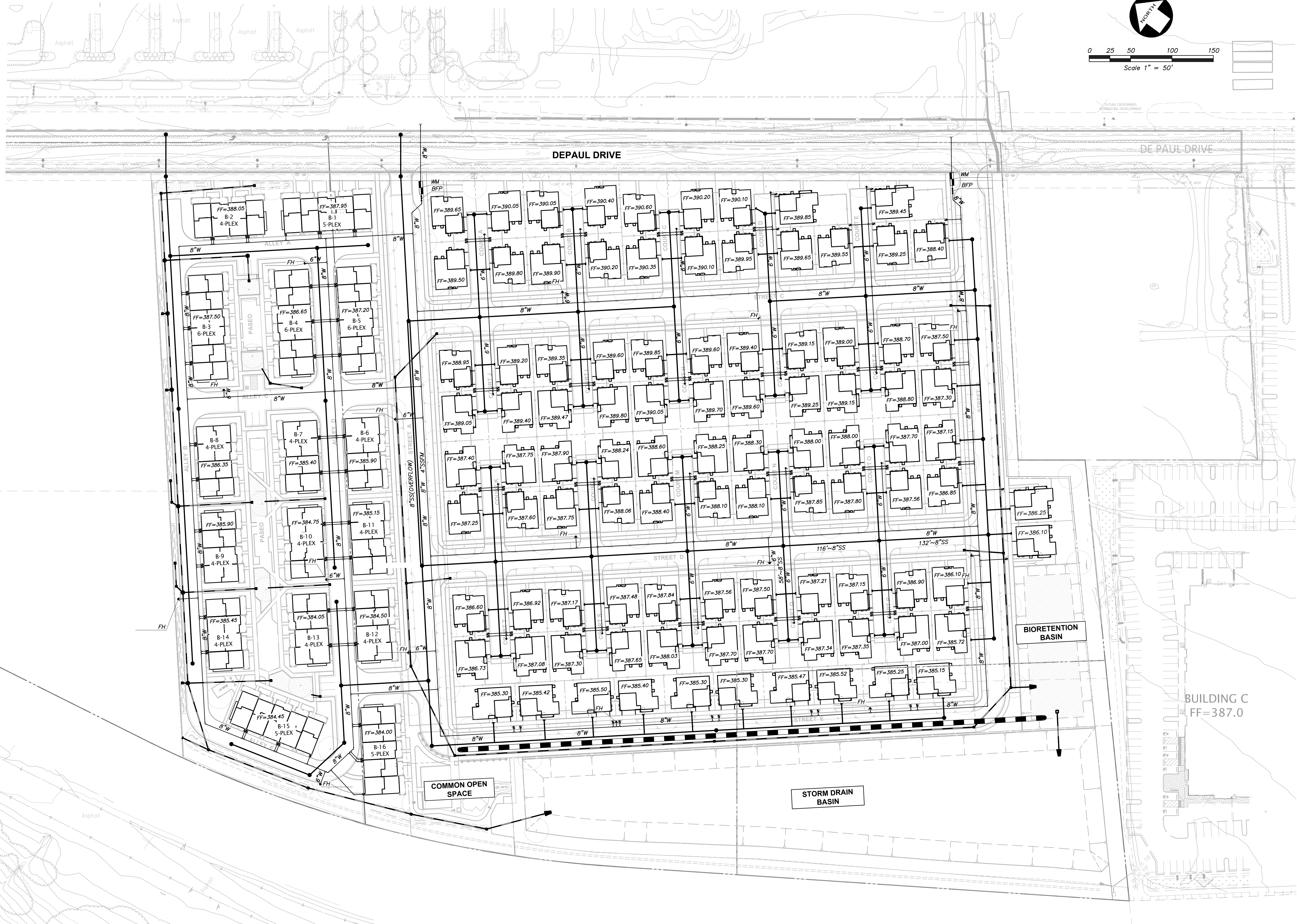
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Drawn by: CV
Date: 03/22/2024
Revision:

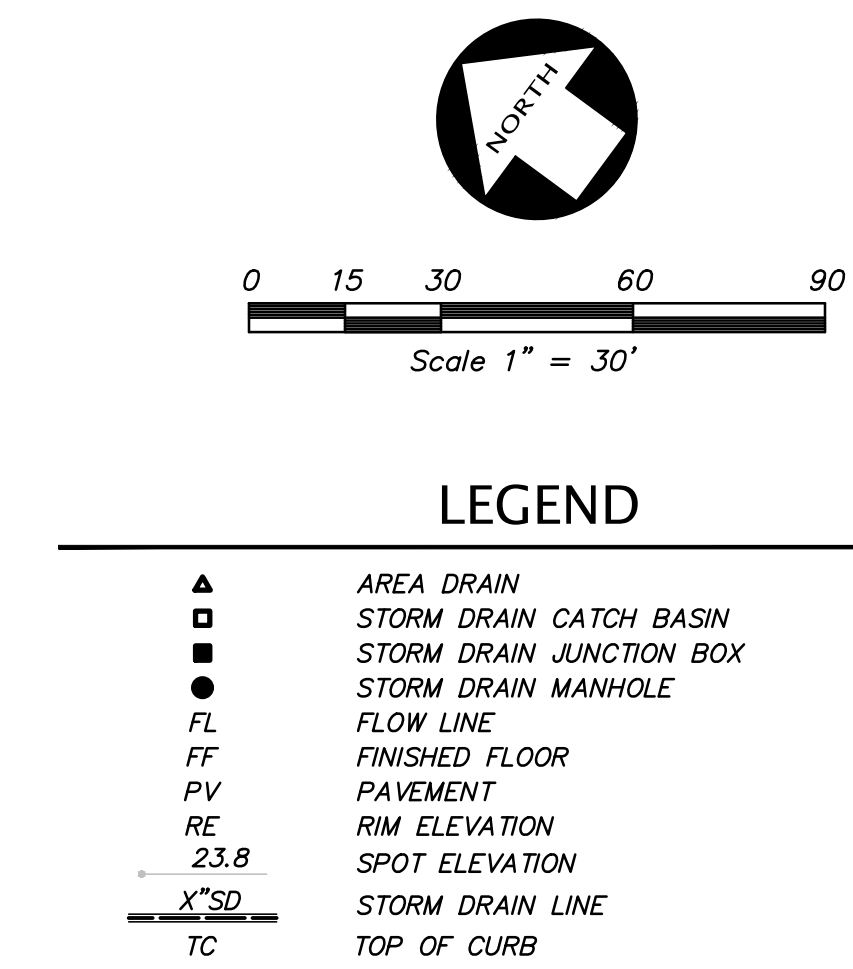
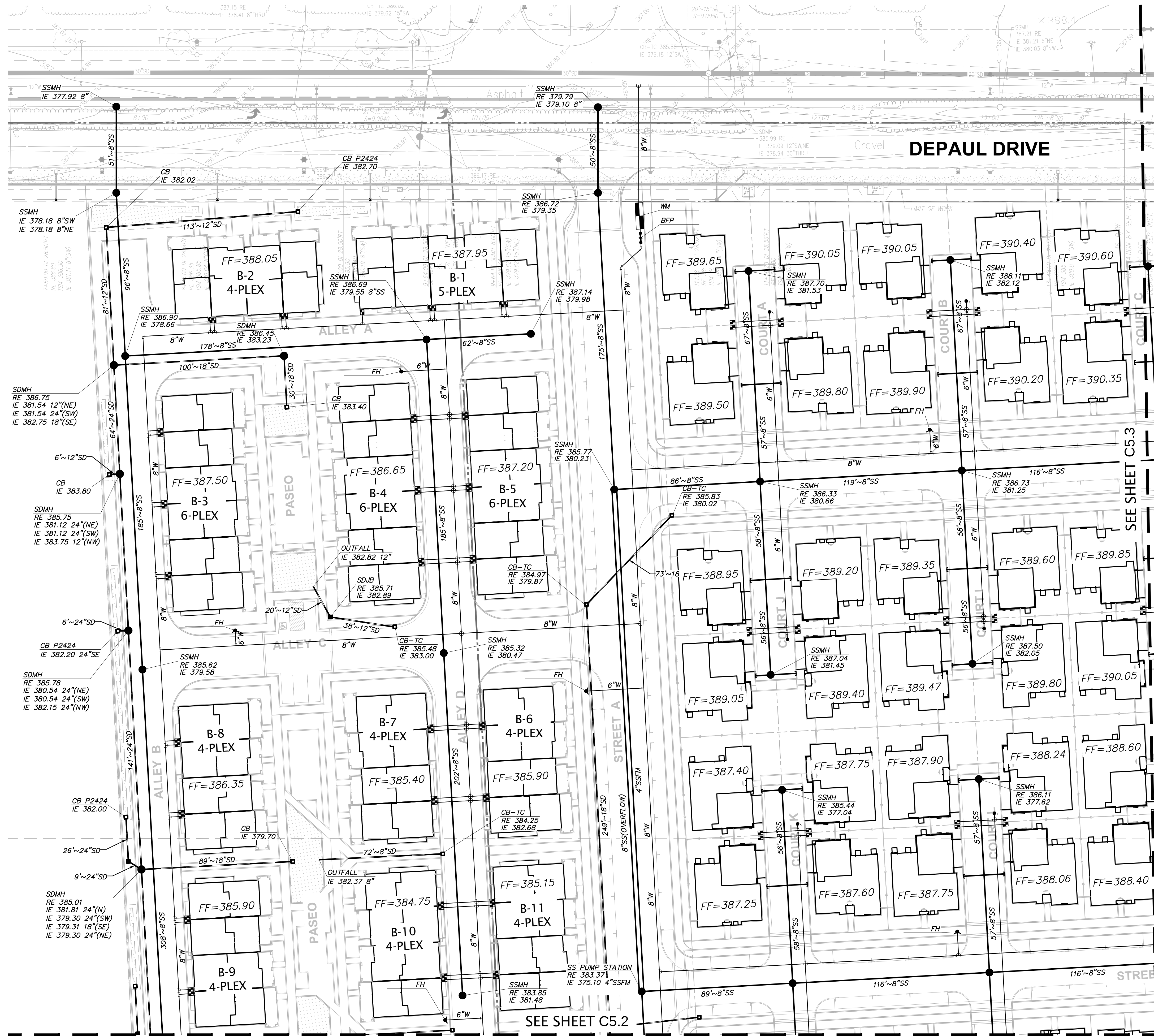
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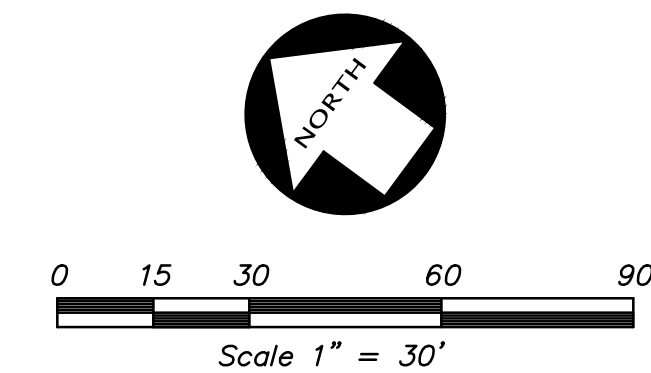
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- ▲ AREA DRAIN
- STORM DRAIN CATCH BASIN
- STORM DRAIN JUNCTION BOX
- STORM DRAIN MANHOLE
- FL FLOW LINE
- FF FINISHED FLOOR
- PV PAVEMENT
- RE RIM ELEVATION
- 23.8 SPOT ELEVATION
- X"SD STORM DRAIN LINE
- TC TOP OF CURB



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Cochrane Rd.
Morgan Hill, CA

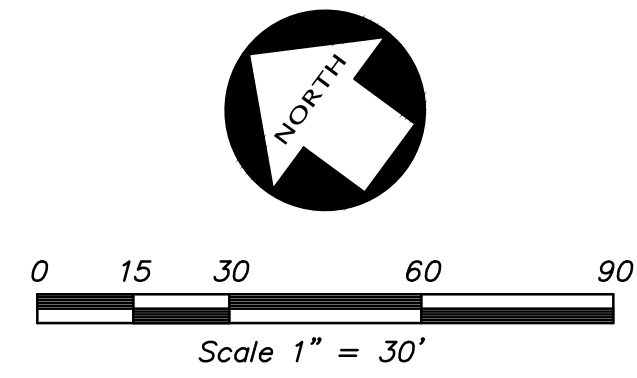
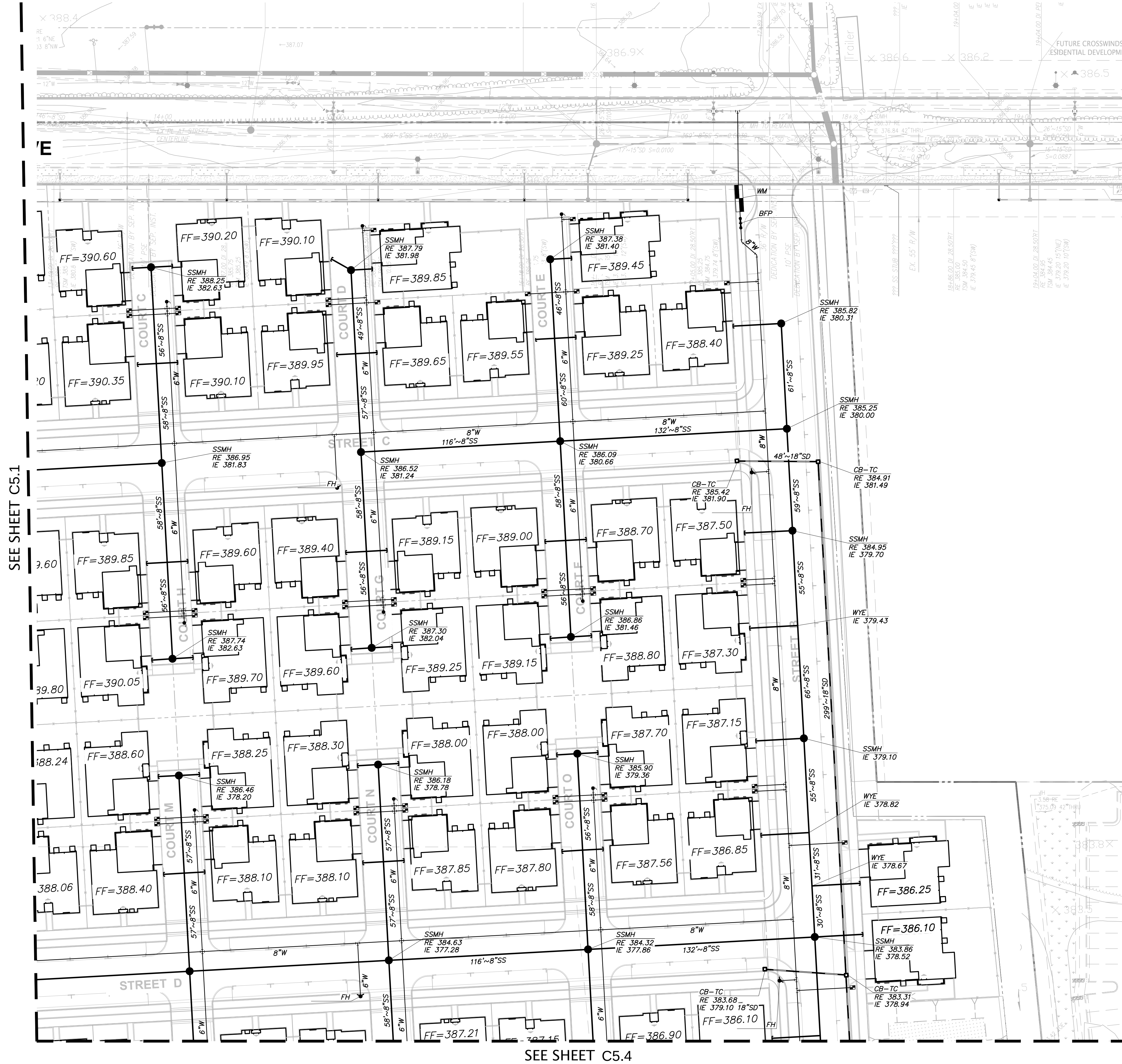
Civil:	Kier&Wright
Structural:	
Mechanical:	
Plumbing:	
Electrical:	
Landscape:	
Fire Protection:	
Soils Engineer:	

Project Number: A18673-8
 Drawn by: CW
 Date: 03/22/2024
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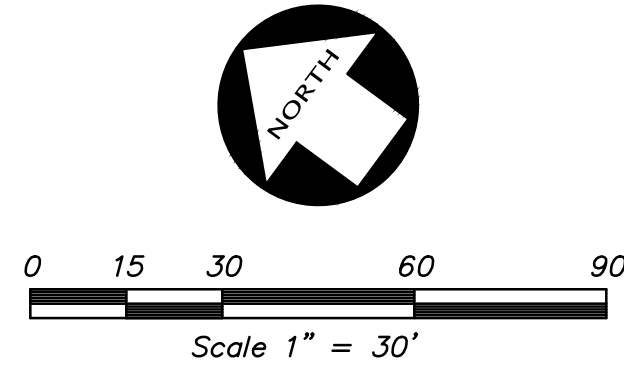
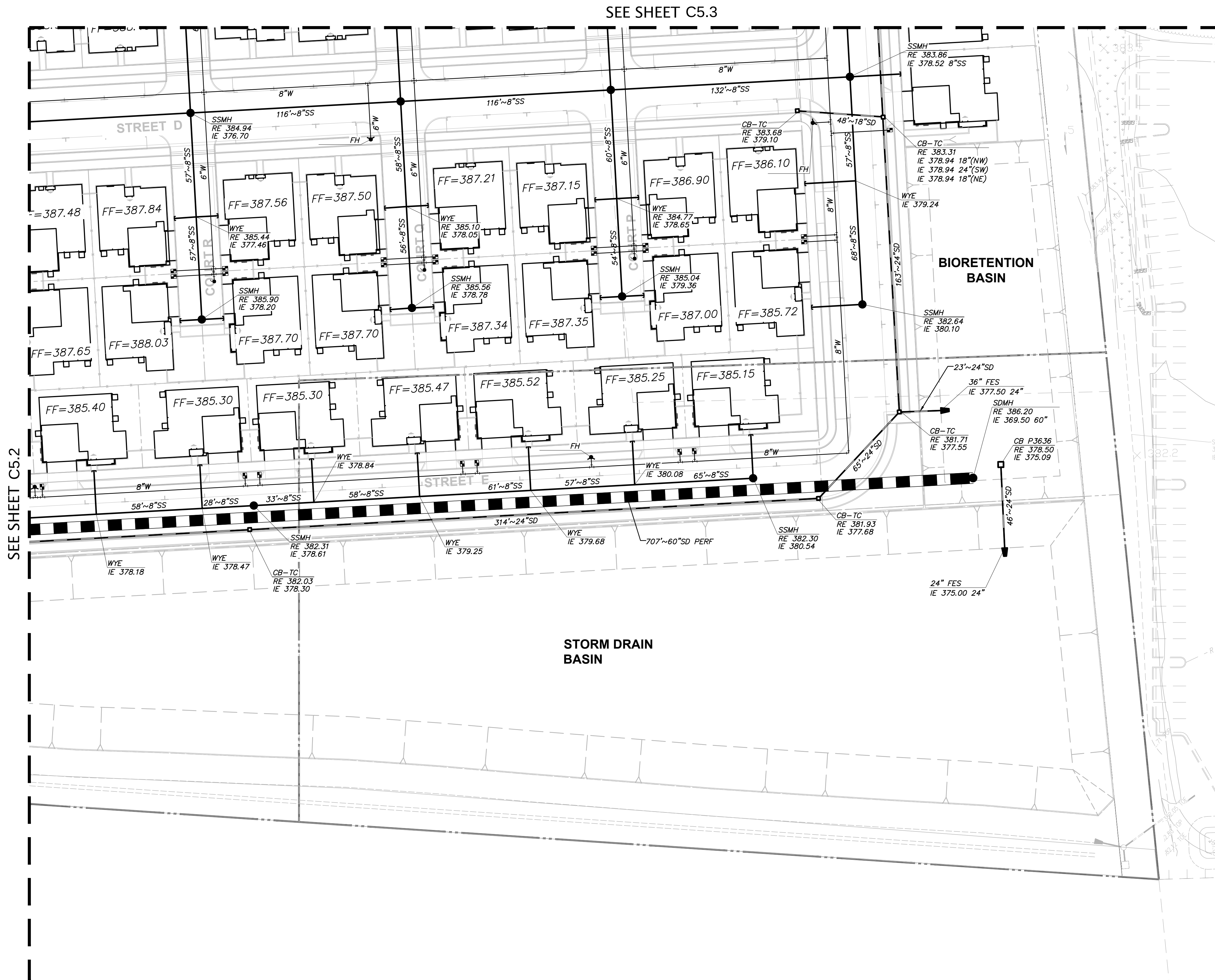
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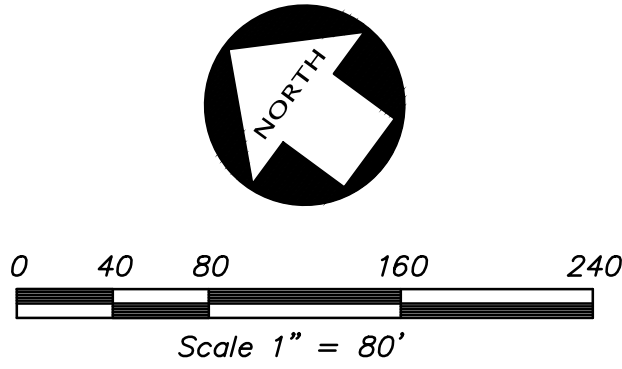
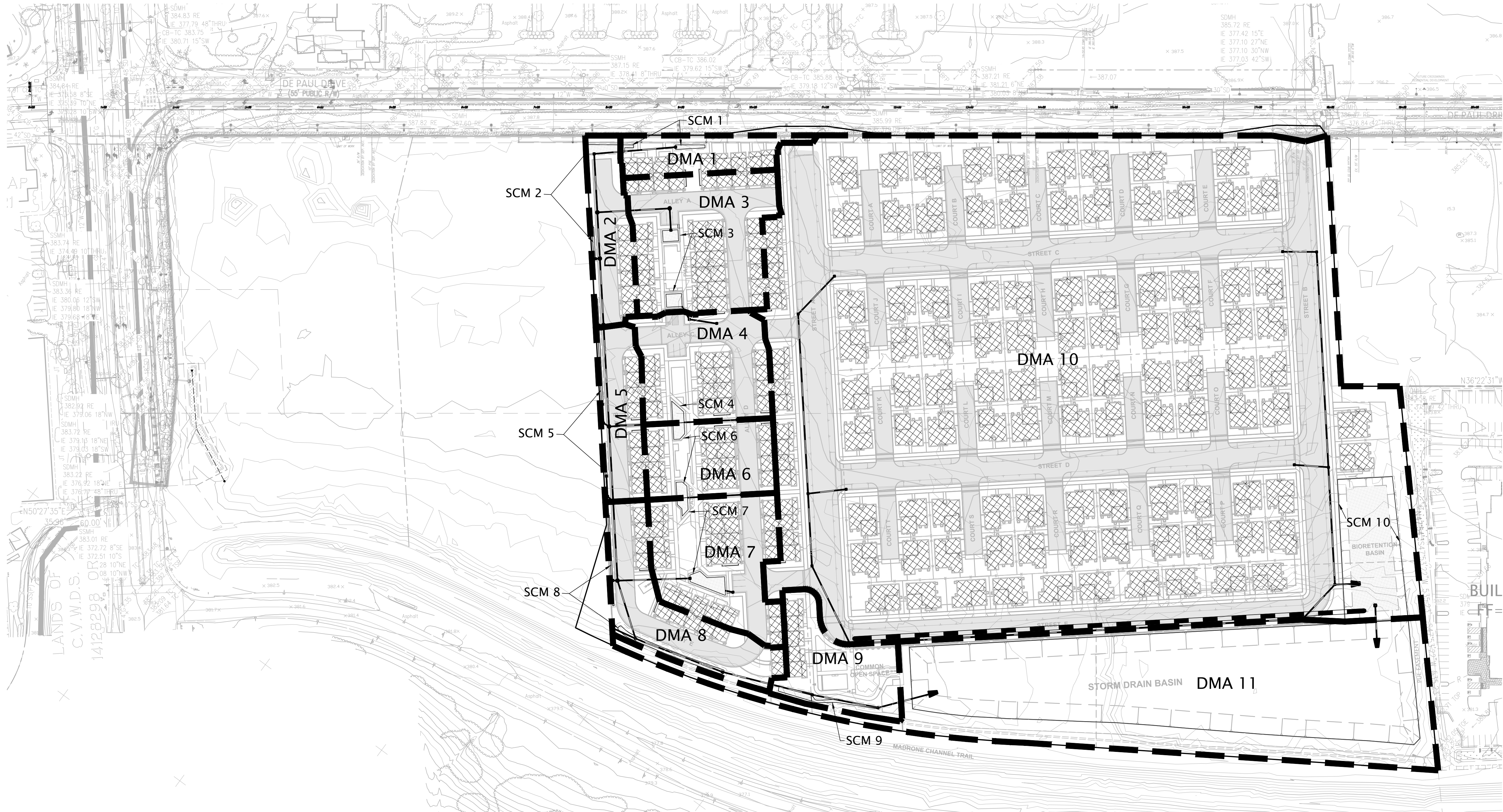
Title: PRELIMINARY UTILITY
PLAN

Project Number: A18673-8
Drawn by: CV
Date: 03/22/2024

Revision:

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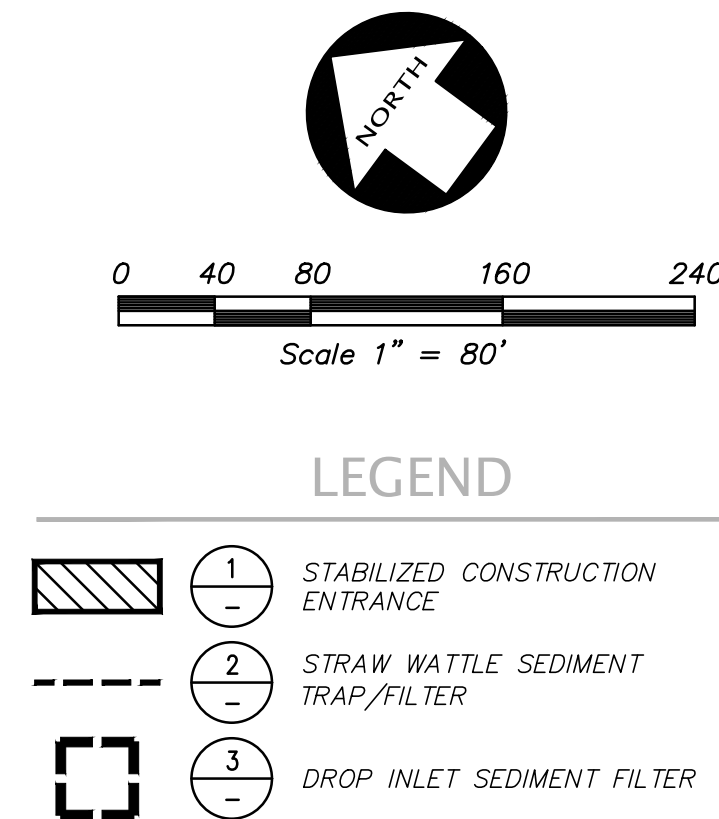
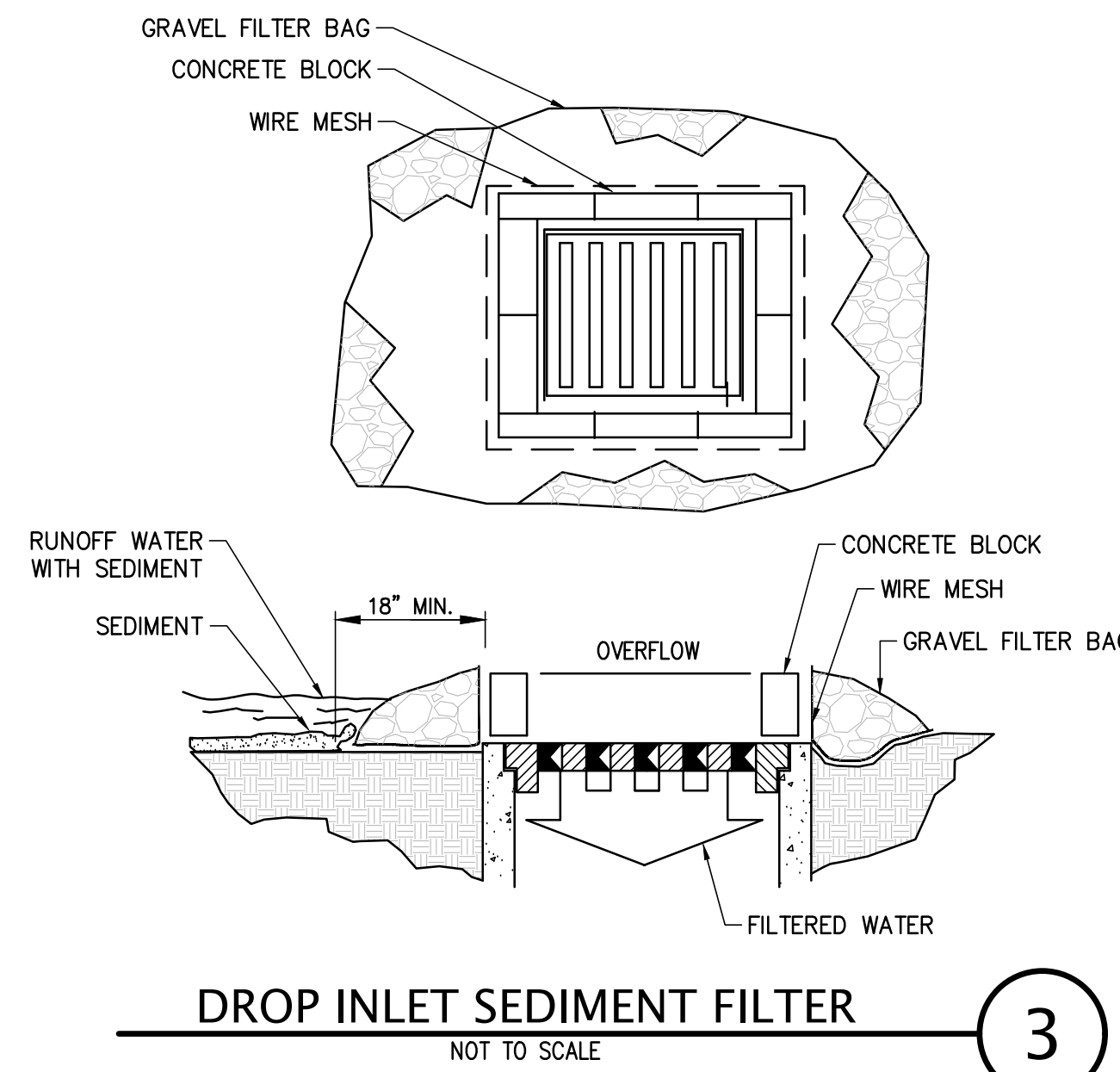
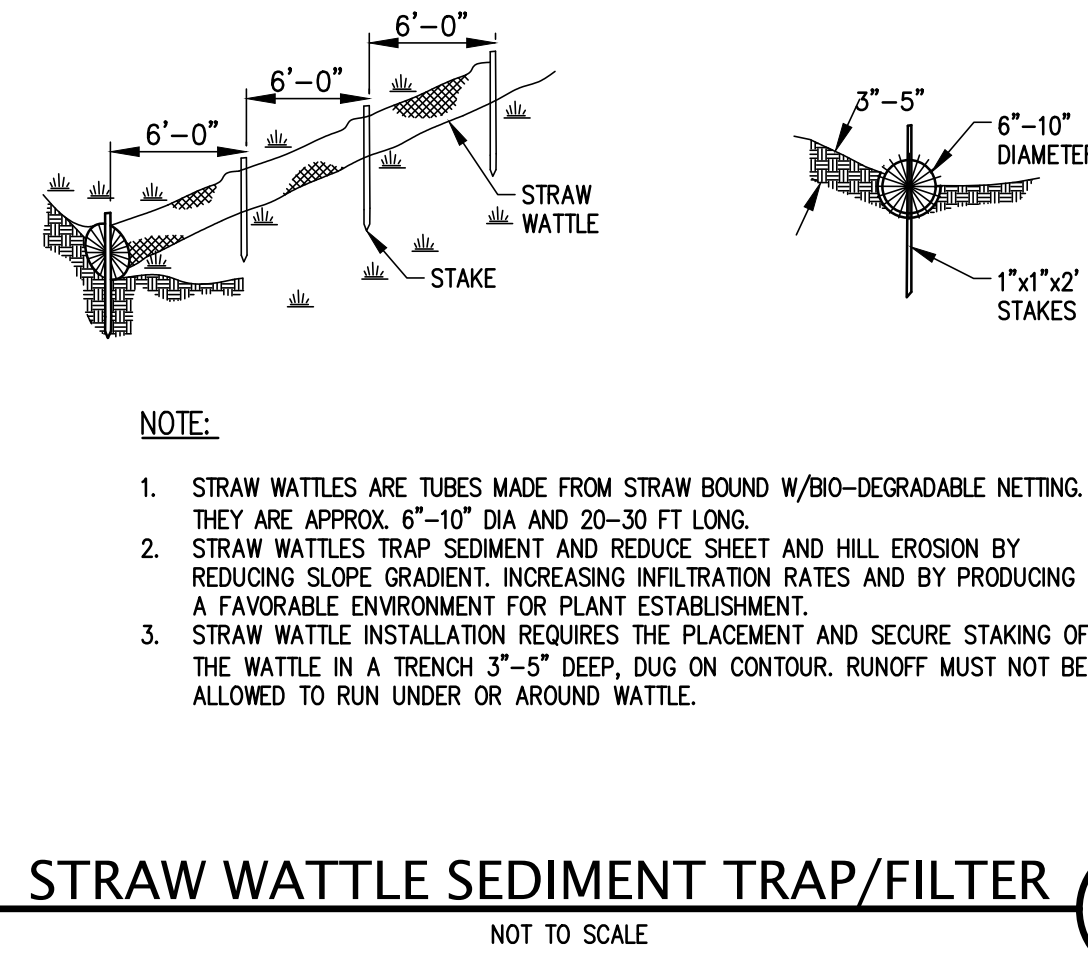
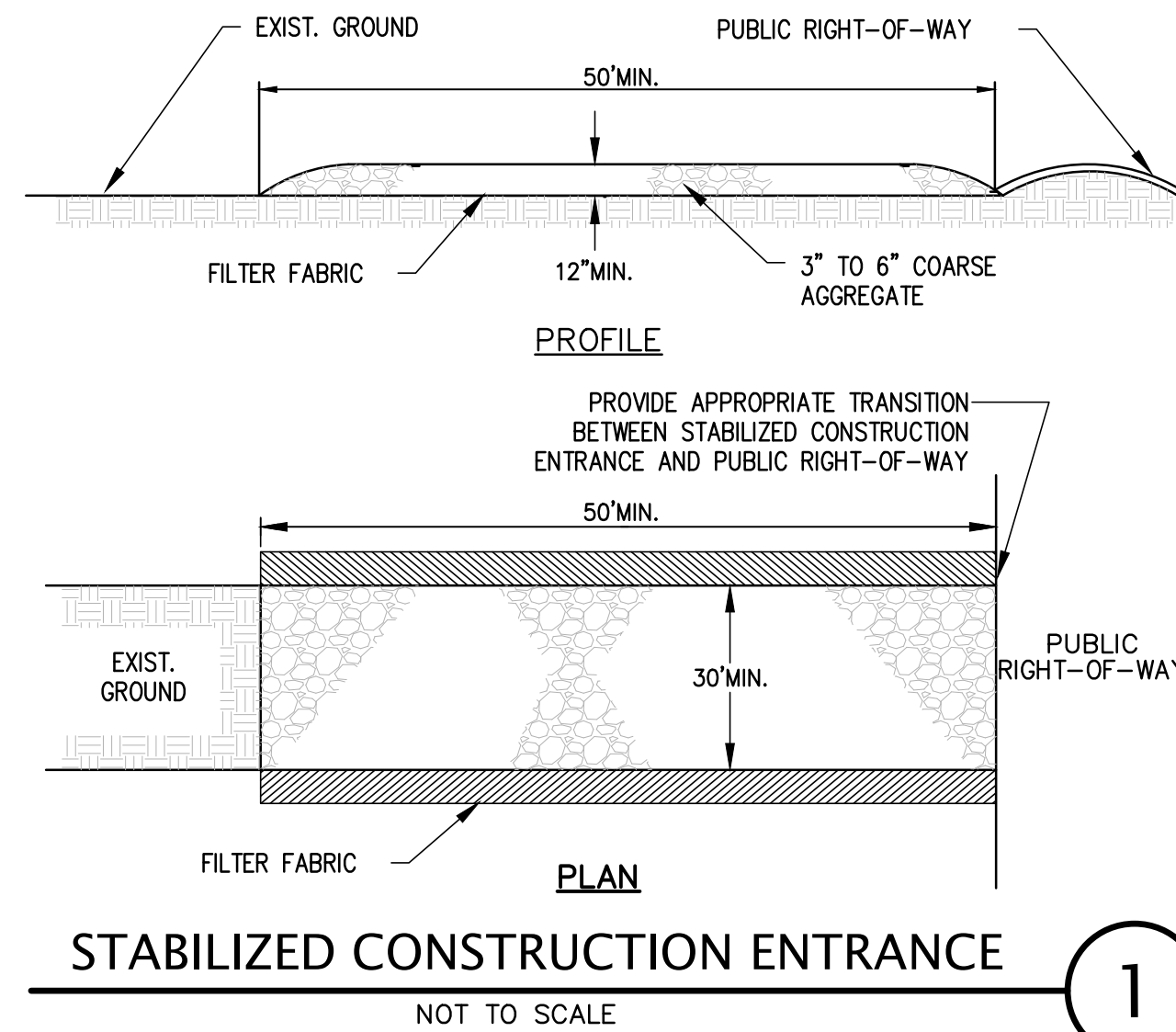
LEGEND

- TRIBUTARY AREA LIMITS
- LANDSCAPE AREA
- IMPERVIOUS ROOFTOP DRAINING TO BIO-SWALE
- IMPERVIOUS PAVEMENT DRAINING TO BIO-SWALE
- BIO-RETENTION TREATMENT AREA
- CONCRETE AREA

Stormwater Control Measure Sizing Calculations													SCM Sizing Calculator Outputs						
Area No.	Area (SF)	Area (AC)	Landscape (SF)	Landscape (AC)	Impervious (SF)	Impervious (AC)	Effective Treatment Area¹ (SF)	Treatment Required (SF)	Treatment Provided (SF)	Sizing Ratio (%)	Type of Planter	Ponding Depth (in)	SCM No.	Storage Volume (cf)	Depth Below Underdrain (ft)	Total Rock Depth (ft)	Total Rock Depth (in)	Orifice Dia. (in)	Infiltration Rate (in/hr)
DMA 1	12,081	0.28	5,563	0.13	6,218	0.14	6,774	271	300	4.4%	Bioretention Planter	6	1	450	1.88	2.38	29	0.29	0.75
DMA 2	14,328	0.33	3,733	0.09	10,095	0.23	10,468	419	500	4.8%	Bioretention Planter	6	2	1,232	1.74	2.24	27	0.48	0.75
DMA 3	36,544	0.84	3,285	0.08	31,859	0.73	32,188	1,288	1,400	4.3%	Bioretention Planter	6	3	2,268	2.29	2.79	33	0.58	0.75
DMA 4	27,029	0.62	3,545	0.08	22,484	0.52	22,839	914	1,000	4.4%	Bioretention Planter	6	4	1,746	2.18	2.68	32	0.50	0.75
DMA 5	14,199	0.33	1,861	0.04	11,738	0.27	11,924	477	600	5.0%	Bioretention Planter	6	5	2,450	2.20	2.70	32	0.59	0.75
DMA 6	18,719	0.43	2,682	0.06	15,237	0.35	15,505	620	800	5.2%	Bioretention Planter	6	6	756	2.63	3.13	38	0.30	0.75
DMA 7	30,464	0.70	4,135	0.09	25,129	0.58	25,543	1,022	1,200	4.7%	Bioretention Planter	6	7	2,950	2.38	2.88	35	0.61	0.75
DMA 8	24,285	0.56	5,831	0.13	17,454	0.40	18,037	721	1,000	5.5%	Bioretention Planter	6	8	596	2.71	3.21	39	0.27	0.75
DMA 9	19,285	0.44	5,761	0.13	12,824	0.29	13,400	536	700	5.2%	Bioretention Planter	6	9	7,243	2.76	3.26	39	0.93	0.75
DMA 10	566,613	13.01	97,275	2.23	459,338	10.54	469,066	18,763	10,000	2.1%	Bioretention Planter	12	10	1,029	2.57	3.07	37	0.35	0.75
DMA 11	131,889	3.03	131,889	3.03	0	0.00	0*	0*	0*	N/A	N/A								
Totals	895,436	20.56	265,560	6.10	612,376	14.06	625,743	25,030	17,500					20,720					

¹ Effective Treatment Area is equal to Impervious Area + (0.10 x Landscape Area)
* Self-Treating Area

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