NOTES

1. THIS PLOT WAS PREPARED FROM INFORMATION FURNISHED IN THE FOLLOWING PRELIMINARY TITLE REPORTS, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY:
   ORDER NUMBER NCS-P37377-SC, DATED NOVEMBER 28, 2018.
   ORDER NUMBER NCS-937916-SC, DATED NOVEMBER 29, 2018.
   NO LIABILITY IS ASSUMED FOR MATTERS OF RECORD NOT STATED IN SAID PRELIMINARY TITLE REPORT 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, SLABS, SHORING, 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 06085C0444H FOR COMMUNITY NUMBER 060346 (CITY OF MORGAN HILL), WITH AN EFFECTIVE DATE OF MAY 18, 2009, AS BEING LOCATED IN FLOOD ZONES "X-SHADED" AND "AE".

   ACCORDING TO FEMA THE DEFINITION OF ZONE "X-SHADED" IS: AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANUUAL 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

   ACCORDING TO FEMA THE DEFINITION OF ZONE "AE" THE FLOODWAY IS THE CHANNEL OF A STREAM PLUS ANY ADJACENT FLOODPLAIN AREAS THAT MUST BE KEPT FREE OF ENCROACHMENT SO THAT THE 1% ANNUAL CHANCE FLOOD CAN BE CARRIED WITHOUT SUBSTANTIAL INCREASE IN FLOOD HEIGHTS

   FEMA BASE FLOOD ELEVATIONS ARE BASED ON NAVD88 DATUM.

6. BENCHMARK: BRASS DISK ON TOP OF THE SOUTHERLY CORNER FOR RAISED CONCRETE WATER VAULT FOR CROSS VALLEY PIPELINE; 100 FEET EASTERLY OF HIGHWAY 101'S NORTHBOUND ACCESS RAMP FROM COCHRANE ROAD; APPROXIMATELY 100 FEET NORTH FROM VENTERLINE COCHRANE ROAD; 250 FEET NORTHWESTERLY FROM INSECTION OF COCHRANE ROAD AND SAINT LOUISE DRIVE. CITY OF MORGAN HILL

   ELEVATION = 384.04, SANTA CLARA VALLEY WATER DISTRICT BENCHMARK

7. BASIS OF BEARINGS:
   THE BEARING OF NORTH 36° 22' 00" WEST TAKEN ON THE NORTHEASTERLY LINE OF SAINT 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.

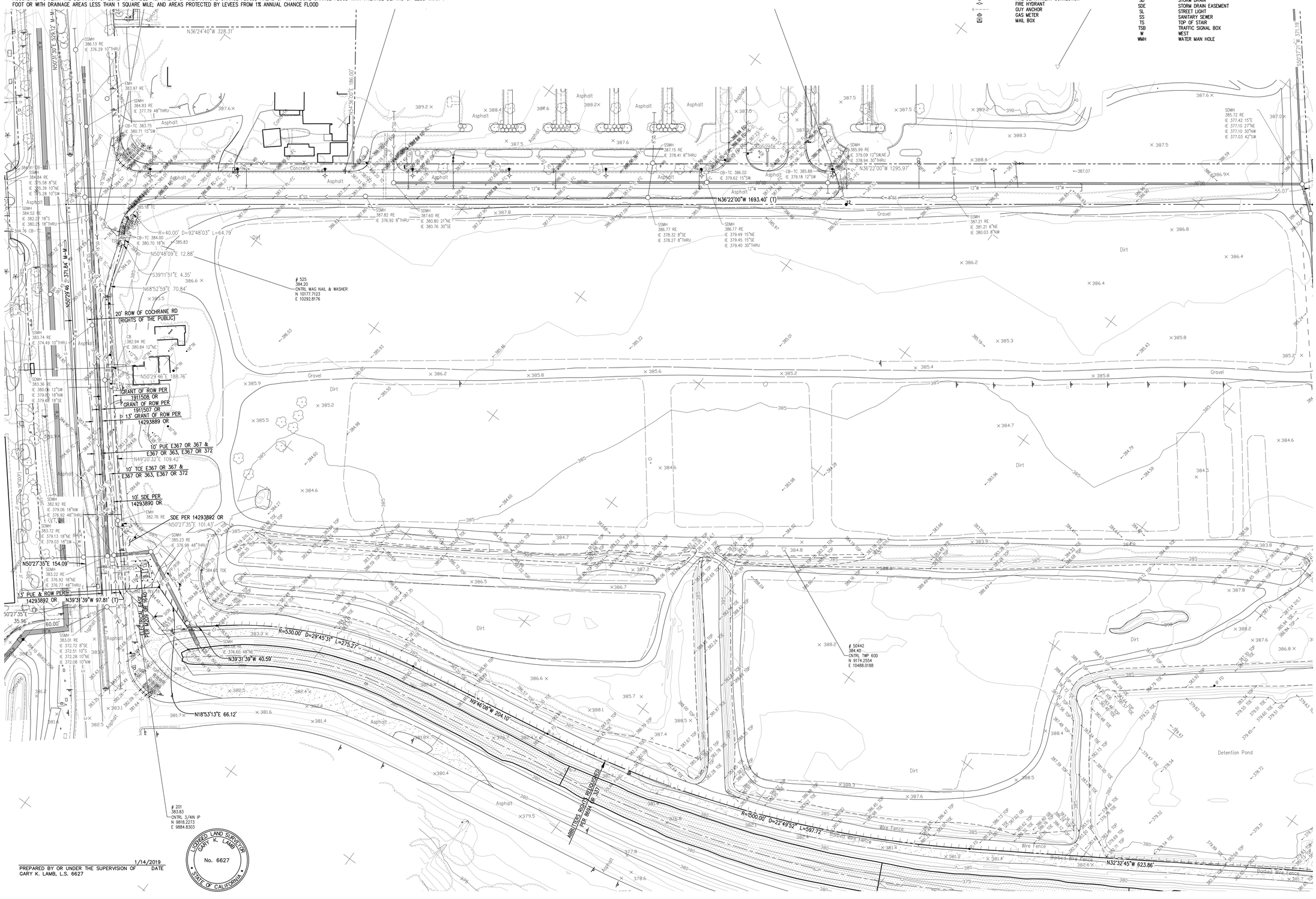
3. THE AERIAL MAPPING WAS PREPARED USING COMPUTER ASSISTED, PHOTOGRAMMETRIC METHODS BY COOPER AERIAL SURVEYS CO., IN PHOENIX ARIZONA. JOB NUMBER 1811037. IN AREAS OF DENSE VEGETATION, ACCURACY OF CONTOURS MAY DEVIATE FROM ACCEPTED ACCURACY STANDARDS. DATE OF PHOTOGRAPHY 12-02-2018, ORIGINAL COMPILED MAP SCALE 1"=40', CONTOUR INTERVAL 1 FOOT. THE GRID IS BASED ON PHOTOGRAMMETRIC METHODS COMPILED ON DIGITAL STEREO WORKSTATIONS USING AERIAL PHOTOGRAPHY. CONTROL SURVEY PERFORMED BY KIER & WRIGHT, LIVERMORE, CA.

LEGEND

	ASPHALT BERM		POWER POLE/JOINT POLE
	BUILDING LINE		TRANSFORMER
	BARRICADE		TRAFFIC SIGNAL POLE
	CENTERLINE		TRAFFIC SIGN
	CONCRETE CURB & GUTTER	12"TR	TREE
700	CONTOUR LINE		UTILITY BOX
	EASEMENT LINE		UTILITY LINE MARKER
	EDGE OF PAVEMENT		WALK-BOLLARD LIGHT
	EDGE OF ROCK		WATER VALVE
E	ELECTRIC LINE		WELL
	FENCE LINE	CO.	CLEANOUT
GM	GAS LINE-VALVE & METER	DYLT	DAYLIGHT
	GUARD RAIL	E	EAST
	LOT LINE	FO	FIBER OPTICS
	MONUMENT/MONUMENT LINE	FS	FIRE SERVICE
	ABBUTTER'S RIGHTS RELINQUISHED	GAS	GAS LINE
OH	OVERHEAD POWER LINE	GM	GAS MARKER/METER
	PROPERTY LINE	GUY	GUY ANCHOR
	SANITARY SEWER-MANHOLE & CLEANOUT	IRR	IRRIGATION LINE
	SIDEWALK	JT	JOINT TRENCH
100.00	SPOT ELEVATION	M-M	MONUMENT TO MONUMENT
SD	STORM DRAIN-MANHOLE & CATCH BASIN	MON	MONUMENT
SD	STORM DRAIN OVER 24"DIAMETER	N	NORTH
W	WATER LINE & VALVE	OH	OVERHEAD
	BACKFLOW PREVENTION DEVICE	PUE	PUBLIC UTILITY EASEMENT
	DOUBLE DETECTOR CHECK VALVE	ROW	RIGHT OF WAY
	ELECTROLIER	S	SOUTH
	FIRE DEPARTMENT CONNECTION	SD	STORM DRAIN
	FIRE HYDRANT	SDE	STORM DRAIN EASEMENT
	GUY ANCHOR	SL	STREET LIGHT
	GAS METER	SS	SANITARY SEWER
	MAIL BOX	TS	TOP OF STAIR
		TSB	TRAFFIC SIGNAL BOX
		W	WEST
		WMH	WATER MAN HOLE

NORTH

0 25 50 100 150
Scale 1" = 50'



1/14/2019
PREPARED BY OR UNDER THE SUPERVISION OF DATE
GARY K. LAMB, L.S. 6627

LICENSED LAND SURVEYOR GARY K. LAMB No. 6627 STATE OF CALIFORNIA

NO.	REVISION	BY

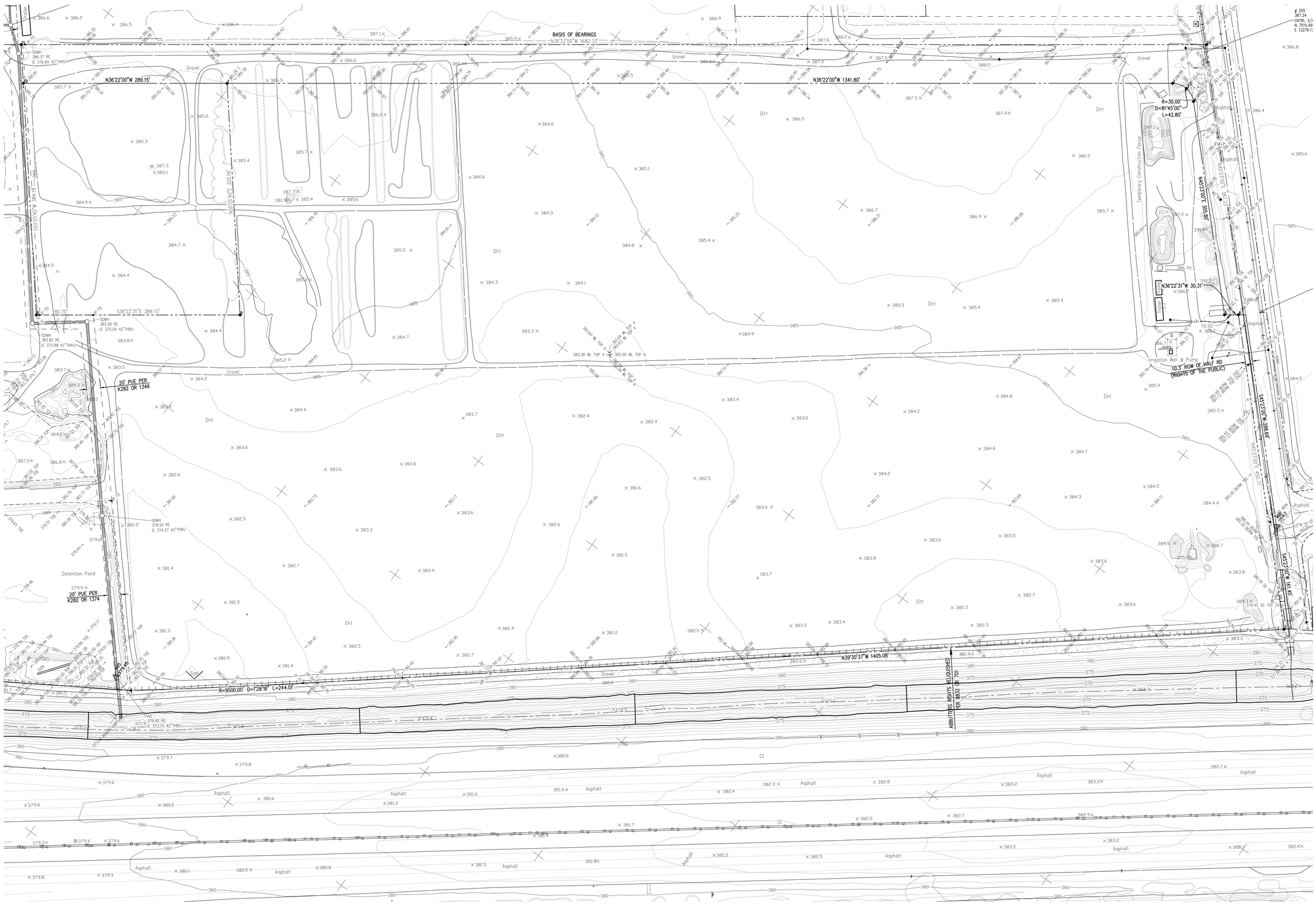
NO.	REVISION	BY

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

TOPOGRAPHIC SURVEY
OF
MORGAN HILL TECHNOLOGY CENTER
FOR
TRAMMEL CROW

MORGAN HILL, CALIFORNIA

DATE	NOV. , 2019
SCALE	AS SHOWN
DESIGNER	SJH
DRAFTER	JMB
JOB NO.	A18673
SHEET	C1.0
OF	3 SHEETS



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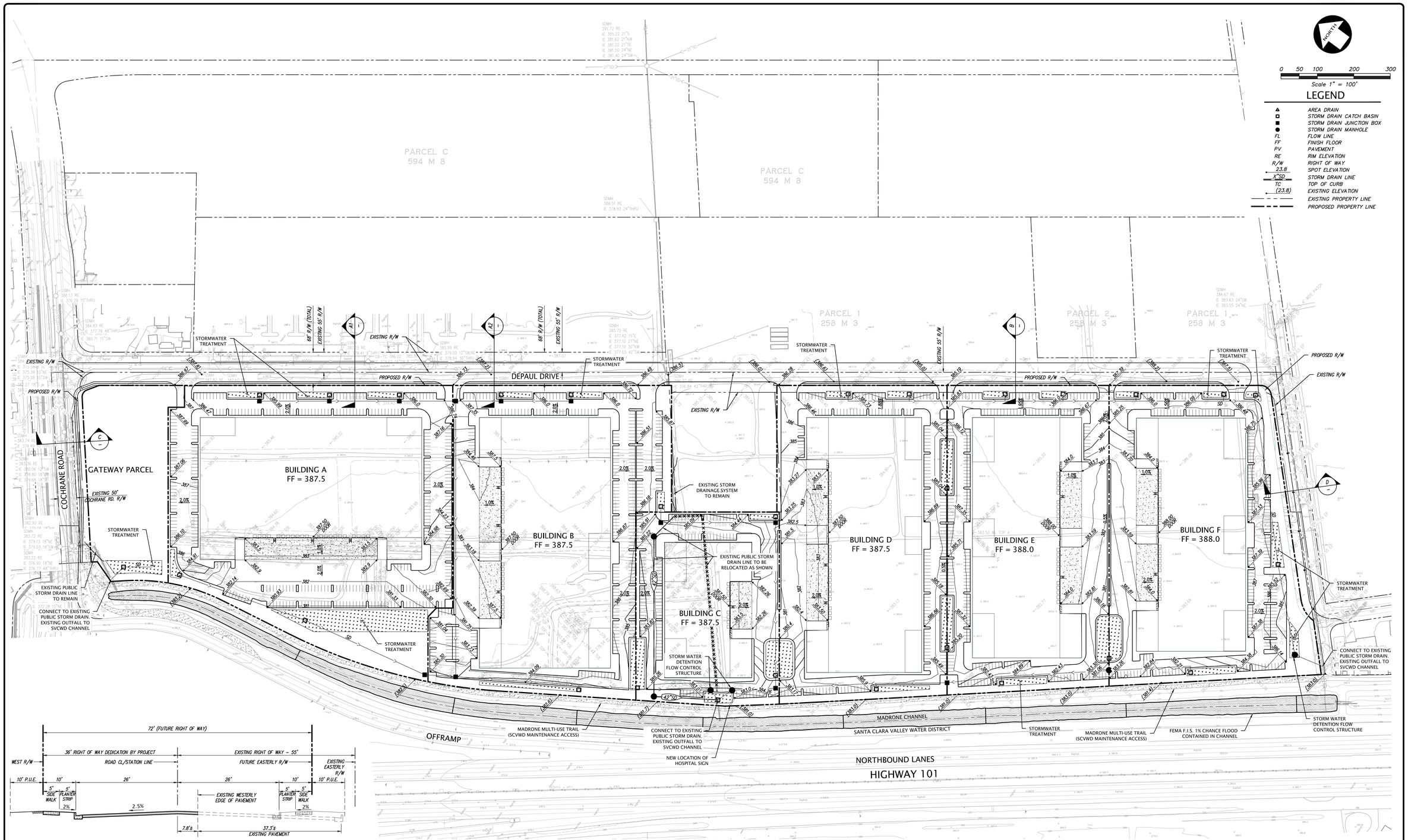
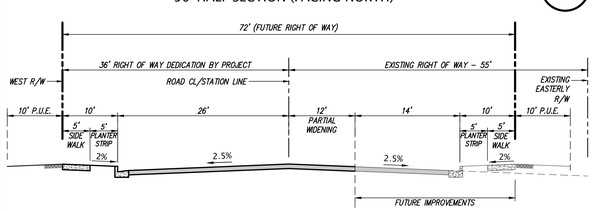
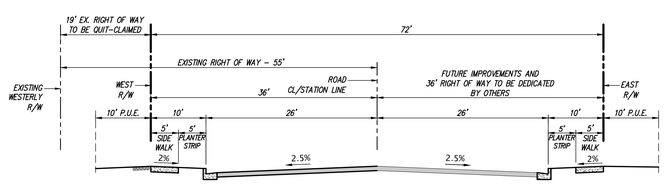
SHEET	C1.1
OF	3 SHEETS



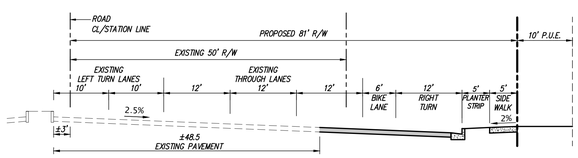
INDUSTRIAL STREET - DEPAUL DRIVE
NORTH PORTION with EXISTING IMPROVEMENTS
36' HALF SECTION (FACING NORTH)
A1



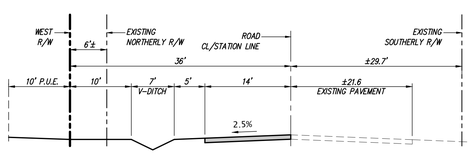
INDUSTRIAL STREET - DEPAUL DRIVE
NORTH PORTION without EXISTING IMPROVEMENTS
36' HALF SECTION (FACING NORTH)
A2



INDUSTRIAL STREET - DEPAUL DRIVE, SOUTH PORTION
72' RIGHT OF WAY (FACING NORTH)
B



COCHRANE ROAD - HALF SECTION
EXISTING WITH RIGHT TURN LANE
60' HALF SECTION
C



RURAL STREET SECTION-HALF ROAD
30' HALF SECTION
D

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PRELIMINARY GRADING & DRAINAGE PLAN
OF
MORGAN HILL TECHNOLOGY CENTER
FOR
TRAMMEL CROW

MORGAN HILL, CALIFORNIA

DATE	NOV. , 2019
SCALE	AS SHOWN
DESIGNER	SJH
DRAFTER	JMB
JOB NO.	A18673
SHEET	C2.0
OF	3 SHEETS

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