

GENERAL NOTES

UTILITIES SHOWN WERE OBTAINED FROM A COMBINATION OF RECORD INFORMATION, FIELD MARK-OUT SURVEY, POT HOLE SURVEY, AND DISTRICT STAFF KNOWLEDGE. IF THE LOCATION OF A UTILITY IS DETERMINED TO BE CRITICAL TO THE PROJECT ADDITIONAL POT HOLES WILL BE REQUIRED.

ALL DISTANCES SHOWN HEREIN, UNLESS OTHERWISE NOTED, ARE GROUND DISTANCES. THE COMBINED GRID FACTOR AT POINT 8 IS 0.99994517. TO DETERMINE GRID DISTANCES, MULTIPLY GROUND DISTANCES BY THE COMBINED GRID FACTOR SHOWN HEREIN.

BASIS OF COORDINATES

THE COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83) AT EPOCH 2007.0, ARE EXPRESSED IN TERMS OF THE CALIFORNIA COORDINATE SYSTEM 1983, ZONE VI, AND ARE BASED ON NATIONAL GEODETIC SURVEY (NGS) STATION PID # DG9734, WITH THE DESIGNATION OF FALLBROOK_CS2004 CORS ARP. WITH THE PUBLISHED COORDINATE OF NORTHING: 2074323.656 EASTING: 6256719.632

BASIS OF BEARINGS

BEARINGS ARE REFERENCED TO GRID NORTH AS DEFINED BY THE CALIFORNIA COORDINATE SYSTEM 1983, ZONE VI AND ARE BASED ON THE CALCULATED LINE FROM NGS PID # DG9734 FALLBROOK_CS2004 CORS ARP TO NGS PID # DH4102 CAMPELLIOT_CS2004.
NORTH AZIMUTH= 165° 56' 01",
GRID DISTANCE=175187.67 US SURVEY FEET.

BASIS OF ELEVATIONS

ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88) AS DETERMINED LOCALLY BY CITY OF ENCINITAS BENCHMARK ENC-44. THE PUBLISHED ELEVATION BEING 18.56 US SURVEY FEET.

BENCHMARK

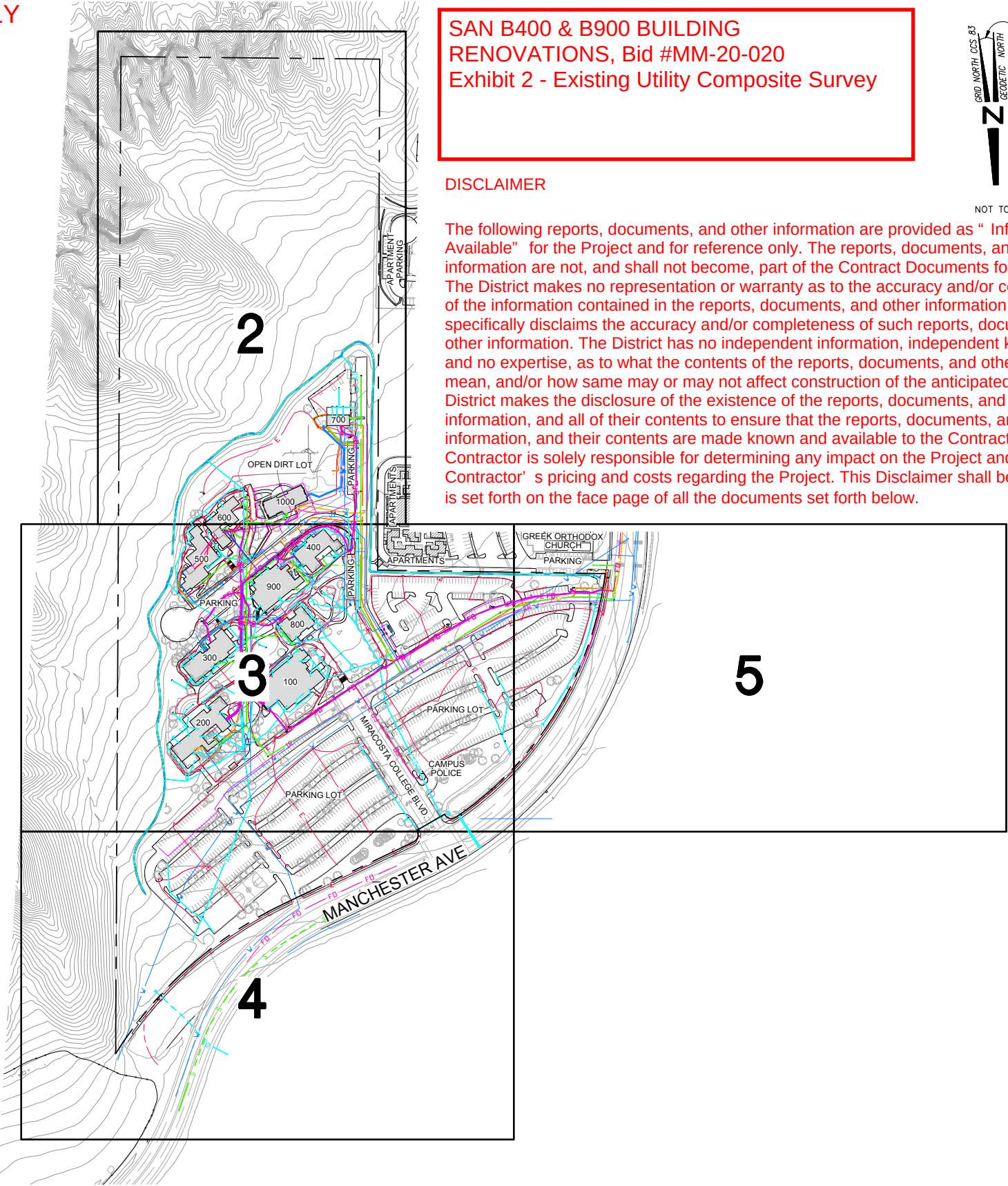
3 1/2 INCH CORPS OF ENGINEERS BRASS DISK STAMPED "SEV-104 1974" SET IN A CONCRETE STRUCTURE OF THE OLIVENHAIN PUMP FACILITY. POINT IS IN THE NORTH SIDE OF MANCHESTER AVENUE, 65 FEET WEST OF THE NORTH BOUND I-5 OFF RAMP TO MANCHESTER AVENUE, IN THE MIDDLE OF SOUTH EDGE OF A CONCRETE SLAB PUMP STATION. ELEVATION: 18.56 NAVD88.

LEGENDS

SYMBOLS	
	BUILDING UNIT
	SPOT ELEVATION
	TREE
	BOLLARD
	SIGN
	HANDICAP PARKING
	ELECTRICAL RISER
	ELECTRICAL BOX
	ECCB
	ECTF
	ECVT
	ELECTRICAL MANHOLE
	LIGHT POLE
	TRAFFIC SIGNAL
	POWER POLE
	GUY POLE
	TELEPHONE MANHOLE
	TELEPHONE BOX
	TELEPHONE RISER
	TELEPHONE VAULT
	TLVT
	BACKFLOW ASSEMBLY
	WATER METER
	WATER RISER
	WATER VAULT
	WTVT
	WATER FIR CONNECTION
	WATER VALVE
	FIRE HYDRANT
	WATER HOSE BIB
	DRINKING FOUNTAIN
	BLOW-OFF VALVE
	IRRIGATION BOX
	IRRIGATION CONTROLLER
	IRRIGATION VALVE
	STORM DRAIN MANHOLE
	DROP INLET
	STORM DRAIN CLEANOUT
	ROOF DRAIN
	CURB INLET
	SEWER MANHOLE
	SEWER CLEANOUT
	AREA DRAIN
	GAS VALVE
	GAS METER
	GAS RISER
	GSVT
	GAS VAULT

ABBREVIATIONS	
TW TOP OF WALL	SD STORM DRAIN
FS FINISHED SURFACE	IR IRRIGATION
TP TOP OF PIPE	SS SEWER
EL ELEVATION	GS GAS
TG TOP OF GRATE	WT WATER
IE INVERT ELEVATION	EC ELECTRICAL
ENC ENCASEMENT	FR FIRE SERVICE
CA COMPRESSED AIR	CA FIRE ALARM
CHW CHILLED WATER	HHW HOT HEATING WATER
DOM DOMESTIC WATER	COM COMMUNICATIONS
TE TOP OF ENCASEMENT	BE BOTTOM OF ENCASEMENT
COM COMMUNICATIONS	RD ROOF DRAIN
LINE TYPE	
	PROPERTY BOUNDARY
	CENTERLINE
	EASEMENT
	RETAINING WALL
	CHAINLINK FENCE
	UNDERGROUND ELECTRICAL
	TELEPHONE CIRCUIT
	WATER LINE
	FIRE SERVICE LINE
	CHILLED WATER
	IRRIGATION LINE
	STORM DRAIN
	SANITARY SEWER
	GAS LINE
	UNDERGROUND ELECTRICAL (RECORD PLAN)
	TELEPHONE CIRCUIT (RECORD PLAN)
	WATER LINE (RECORD PLAN)
	STORM DRAIN (RECORD PLAN)
	SANITARY SEWER (RECORD PLAN)
	GAS LINE (RECORD PLAN)

REFERENCE DOCUMENT ONLY



SAN B400 & B900 BUILDING
RENOVATIONS, Bid #MM-20-020
Exhibit 2 - Existing Utility Composite Survey

DISCLAIMER

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NOT TO SCALE

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8/20/18

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PAGE SETUP: ----
DESIGNER: DAB PROJ. MGR: DMT

NO.	BY	DATE	REVISIONS:

CAUTION: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

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MIRACOSTA COLLEGE
SAN ELIJO CAMPUS
EXISTING UTILITY COMPOSITE SURVEY

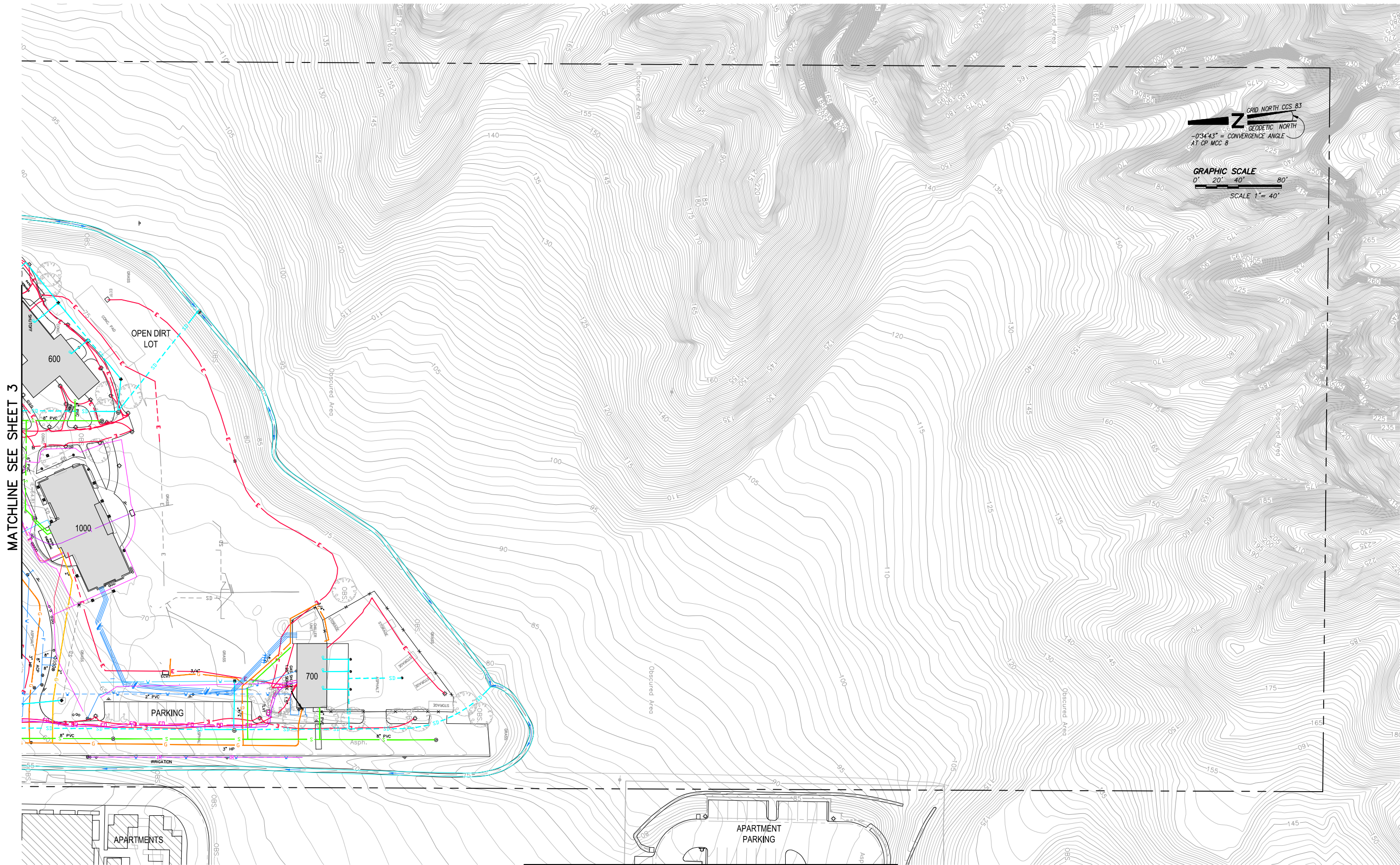
PREPARED FOR: MIRACOSTA COLLEGE DISTRICT

DATE SUBMITTED: AUG 2018

SHEET NUMBER
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OF 5 SHEETS

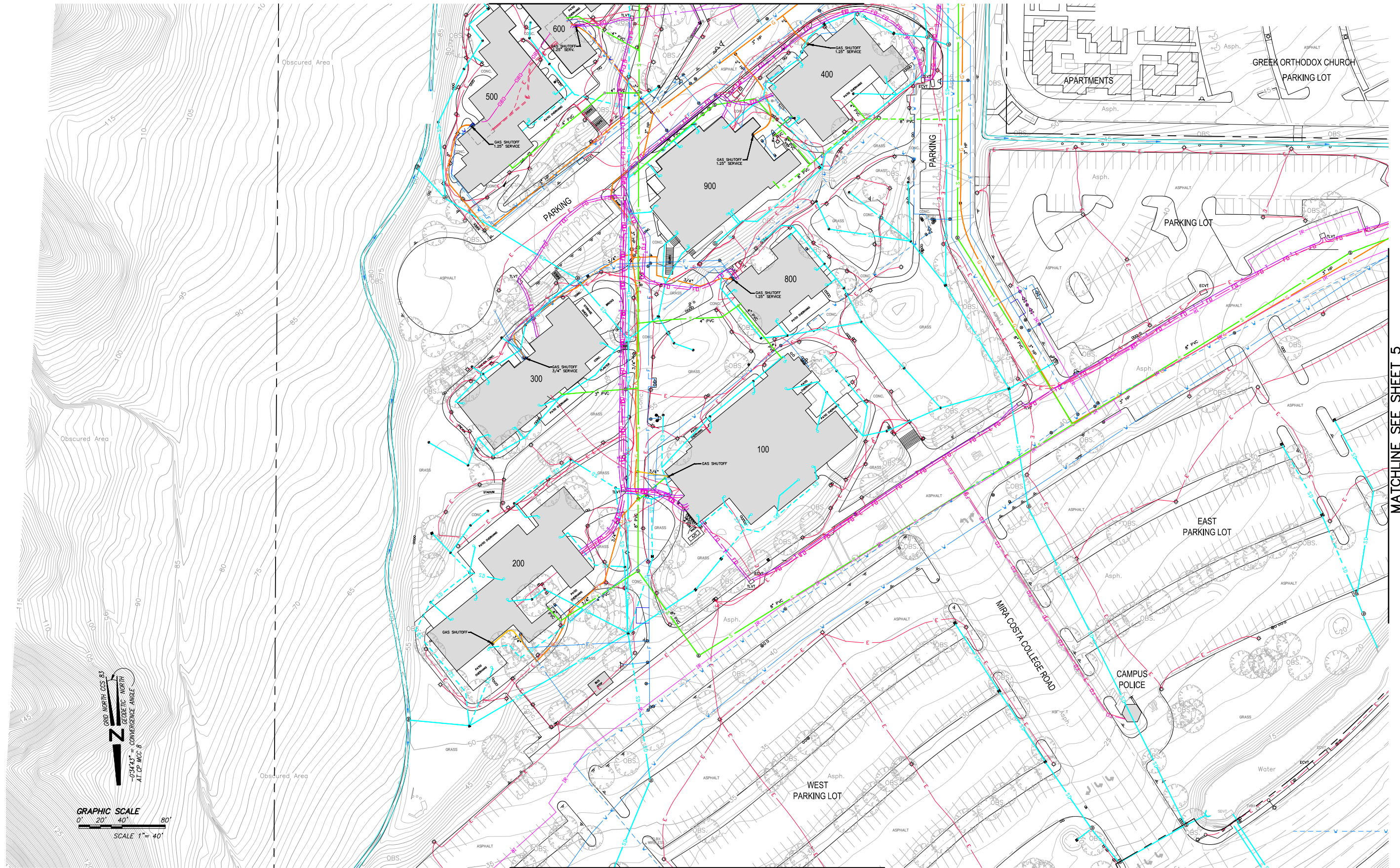
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HORIZONTAL: 1"= 10'

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MATCHLINE SEE SHEET 2



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DESIGNER: ####	PROJ. MGR: ####				

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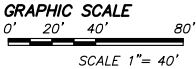
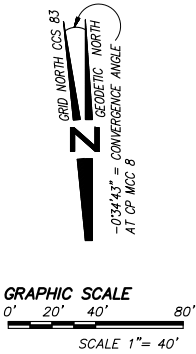
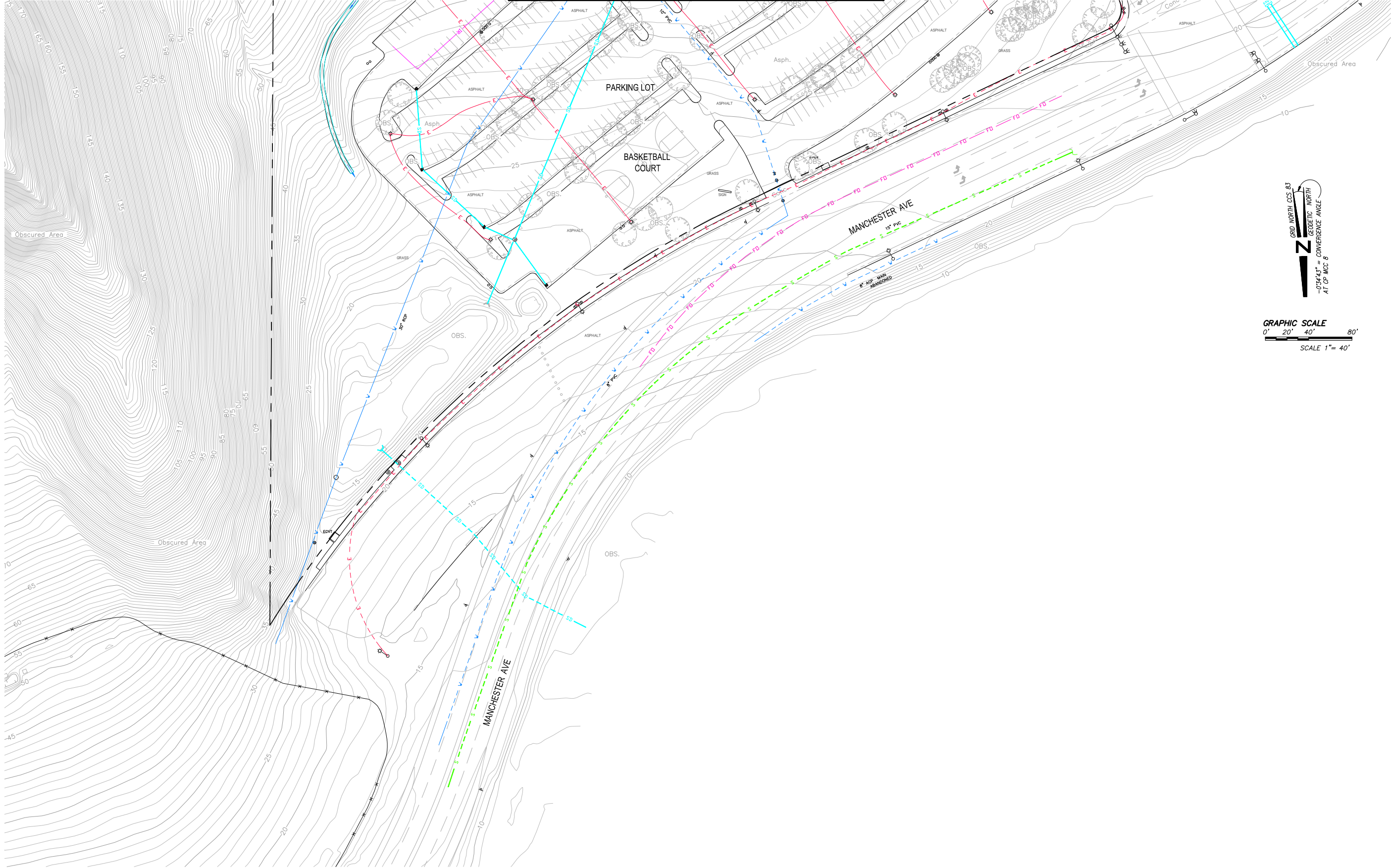
MIRACOSTA COLLEGE
SAN ELIJO CAMPUS
EXISTING UTILITY COMPOSITE SURVEY

PREPARED FOR: MIRACOSTA COLLEGE DISTRICT

DATE SUBMITTED: AUG 2018

SHEET NUMBER	3
OF	5 SHEETS
SCALE	
VERTICAL: 1"= 1'	
HORIZONTAL: 1"= 40'	
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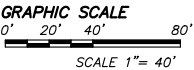
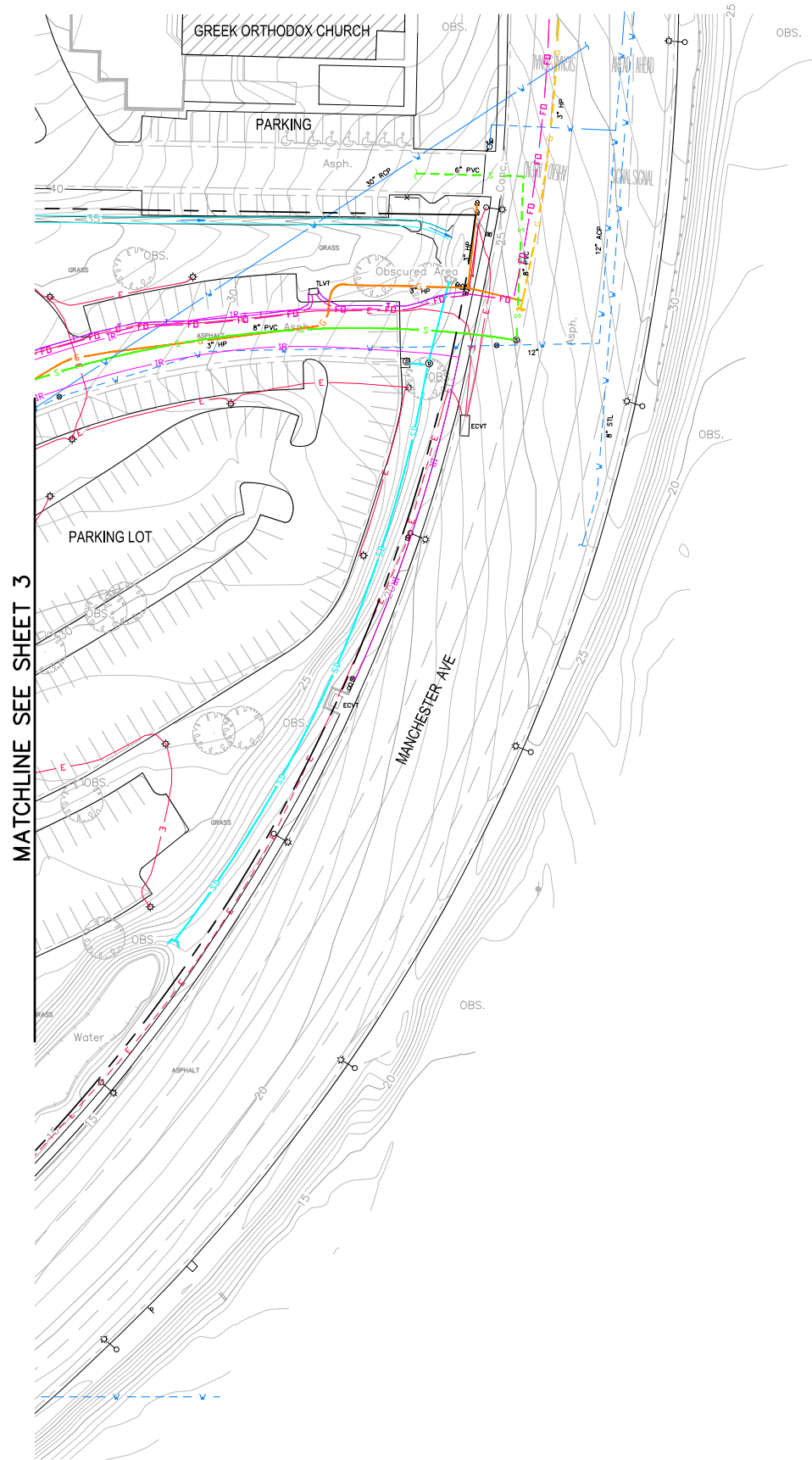
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SAN ELIJO CAMPUS
EXISTING UTILITY COMPOSITE SURVEY

PREPARED FOR: MIRACOSTA COLLEGE DISTRICT

DATE SUBMITTED: AUG 2018

SHEET NUMBER	4
OF	5 SHEETS
SCALE	
VERTICAL:	1"= 1'
HORIZONTAL:	1"= 40'
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EXISTING UTILITY COMPOSITE SURVEY

PREPARED FOR: MIRACOSTA COLLEGE DISTRICT

DATE SUBMITTED: AUG 2018

SHEET NUMBER
5
OF 5 SHEETS
SCALE
VERTICAL: 1"= 1'
HORIZONTAL: 1"= 40'
JOB NUMBER
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