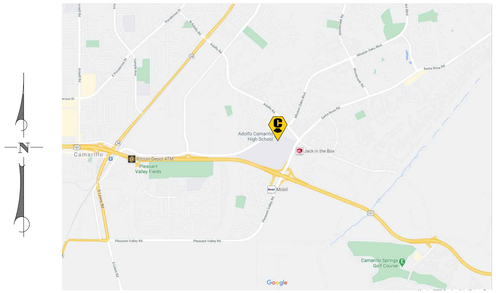
UNDERGROUND UTILITY MAP

WITHIN THE CITY OF CAMARILLO, COUNTY OF VENTURA, CALIFORNIA
PREPARED FOR:

BERNARDS



VICINITY MAP
NOT TO SCALE

UTILITY QUALITY LEVELS NOTES

INFORMATION PROVIDED FROM AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) CI/ASCE 38-02 MANUAL.

UTILITY QUALITY LEVEL A

PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B

INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C

INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D

INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

UTILITY NOTES

1. FACILITIES (UTILITY LINES) SHALL BE LOCATED AND MARKED PRIOR TO EXCAVATION. CALL (800) 90-BELOW.
2. CONTRACTOR SHALL HAND-EXPOSE TO A POINT OF NO CONFLICT 24" ON EITHER SIDE OF THE UNDERGROUND FACILITY, REGARDLESS OF THE ESTIMATED DEPTH.
3. DEPTHS SHOWN ARE APPROXIMATE. ESTIMATED DEPTHS ARE FROM THE GROUND SURFACE TO THE CENTER OF THE FACILITY, INVERT OF WASTE LINES, OR TO THE FACILITY TRACER WIRE. DEPTH ESTIMATES SHOULD BE USED WITH CAUTION AND MAY VARY ALONG THE LENGTH OF THE FACILITY.
4. UTILITY BRACKETS ARE SHOWN TO DEMONSTRATE MULTIPLE LINES TRAVELING TOGETHER IN EITHER A DUCTBANK OR BUNDLE.
5. THE SCOPE OF THIS SURVEY DOES NOT INCLUDE FACILITY SIZE OR NUMBER OF CONDUIT IN MULTIPLE CONDUIT RUNS. IRRIGATION LINES ARE NOT INCLUDED IN THIS SURVEY.
6. THE BACKGROUND SITE PLAN USED IN PREPARING THIS MAP WAS PREPARED BY OTHERS AND PROVIDED TO C BELOW BY THE CLIENT. C BELOW MAKES NO REPRESENTATION AS TO THE ACCURACY OF THE PLAN.
7. IN THE EVENT THE INFORMATION SHOWN IN THIS PLAN VARIES FROM THE ACTUAL SITE CONDITIONS, C BELOW SHALL BE NOTIFIED WITHIN 24 HOURS AFTER DISCOVERY OF THE CONFLICT.

UNDERGROUND LINE LEGEND

UTILITY QUALITY LEVEL B:

ELECTRICAL	E
GAS	G
COMMUNICATION	C
WATER	W
SANITARY SEWER	SS
STORM DRAIN	SD
POSSIBLE LINE LOCATION, BASED ON GPR DETECTION	U
STREET LIGHT	SL
AIR	AIR
TRAFFIC SIGNAL	TS
FIRE WATER	FW
CHILLED WATER	CHW
DOMESTIC WATER	DW
HOT WATER	HW

UTILITY QUALITY LEVEL C:

ELECTRICAL	E
GAS	G
COMMUNICATION	C
WATER	W
SANITARY SEWER	SS
STORM DRAIN	SD
STREET LIGHT	SL
AIR	AIR
TRAFFIC SIGNAL	TS
FIRE WATER	FW
CHILLED WATER	CHW
DOMESTIC WATER	DW
HOT WATER	HW

UTILITY QUALITY LEVEL D:

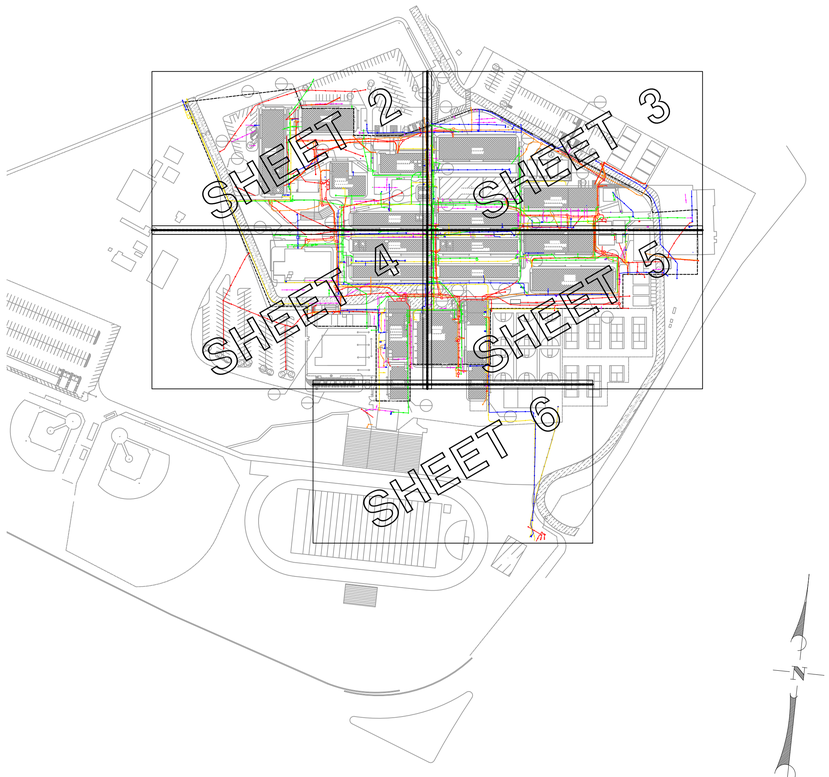
ELECTRICAL	E
GAS	G
COMMUNICATION	C
WATER	W
SANITARY SEWER	SS
STORM DRAIN	SD
STREET LIGHT	SL
AIR	AIR
TRAFFIC SIGNAL	TS
FIRE WATER	FW
CHILLED WATER	CHW
DOMESTIC WATER	DW
HOT WATER	HW

ABBREVIATIONS

BFP	BACKFLOW PREVENTER
CAB	CABINET
CO	CLEAN OUT
(C)	COMMUNICATION
(E)	ELECTRIC
GRN	GROUND PULL BOX
(G)	GAS
ICV	IRRIGATION CONTROL VALVE
MH	MANHOLE
PB	PULL BOX
PIV	POST INDICATOR VALVE
RD	ROOF DRAIN
(SD)	STORM DRAIN
(SS)	SANITARY SEWER
TRN	TRANSFORMER
(U)	UNKNOWN
VLV	VALVE
VLT	VAULT
(TS)	WATER

LEGEND/SYMBOL

	BACKFLOW PREVENTER
	CLEAN OUT
1'-6"	DEPTH FROM SURFACE
	FIRE HYDRANT
	LIGHT POLE
	MANHOLE
	METER
	POWER POLE
	PULL BOX
	VALVE
	VAULT



KEY MAP
NOT TO SCALE

KEY NOTES

1. NON-CONDUCTIVE, UNABLE TO LOCATE PAST THIS POINT.
2. BLOCKED
3. NO ACCESS, UNABLE TO LOCATE PAST THIS POINT.
4. CANNOT PUSH FURTHER PAST THIS POINT.
5. AT BUILDING
6. AT DROP
7. AT RISER
8. CANNOT OPEN, UNABLE TO LOCATE PAST THIS POINT.

UTILITY DEPICTION

UNDERGROUND UTILITY DEPICTION SHOWN HEREON IS BASED ON LOCAL CONTROL AND/OR ON THE SMARTNET RTK NETWORK, UNLESS STATED OTHERWISE.

DRAWING SHEETS	
SHEET NO.	**SHEET TITLE**
1	COVER SHEET
2-6	UTILITY MAP

C BELOW SUBSURFACE IMAGING
14280 EUCLID AVE
CHINO, CA 91710
P: 888-902-3569
F: 909-606-6555
www.cbelow.com
GROUND PENETRATING RADAR (GPR)
UTILITY LOCATING
RADIOGRAPHY
POTHOLING
MAPPING

NOTES: The services provided by C Below, Inc. do not relieve the Client and/or property owner of the responsibility of having to comply with California Government Code §§4216-4216.9. It is expressly understood by the Client and/or owner that CBSI services are not a substitute for compliance with California Code §§4216-4216.9.

PROJECT:
PARTIAL UNDERGROUND UTILITY MAP FOR:
ADOLFO CAMARILLO HIGH SCHOOL
4660 MISSION OAKS BLVD.
CAMARILLO, CA 93012

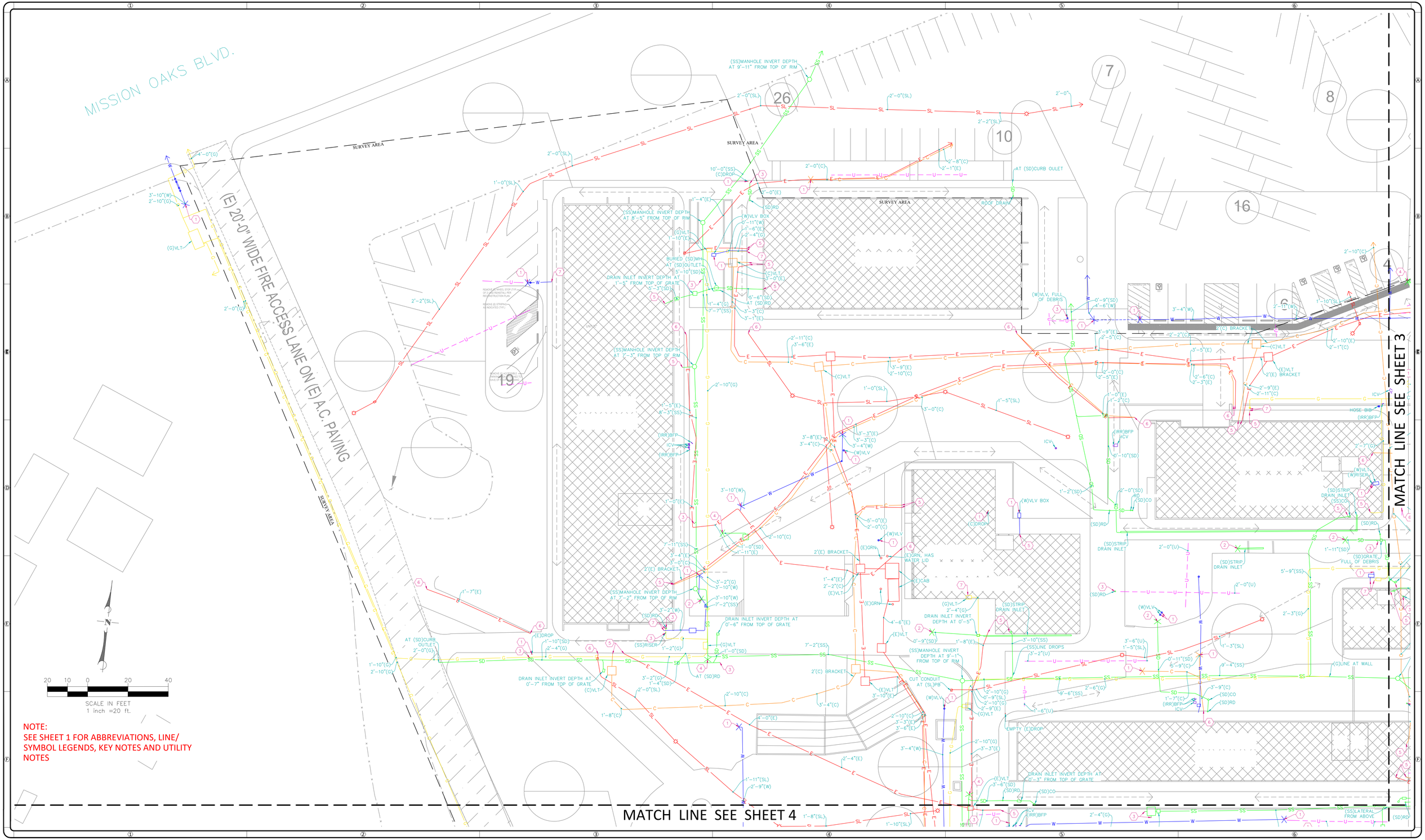
CLIENT:
BERNARDS
555 FIRST STREET
SAN FERNANDO, CA 91340

REVISIONS

NO	DATE	BY	DESCRIPTION

DATE LOCATED: 01/2021
DRAWN BY/DATE: OG 02/04/2021
TECHNICIAN CHECK BY/DATE: J. BANKSTON
QC CHECKED BY/DATE: LB 02/**/2021
DRAWING NAME: COVER SHEET
PROJECT NO: 20-2363
SCALE: N.T.S.

SHEET 1 OF 6



NOTE:
SEE SHEET 1 FOR ABBREVIATIONS, LINE/ SYMBOL LEGENDS, KEY NOTES AND UTILITY NOTES

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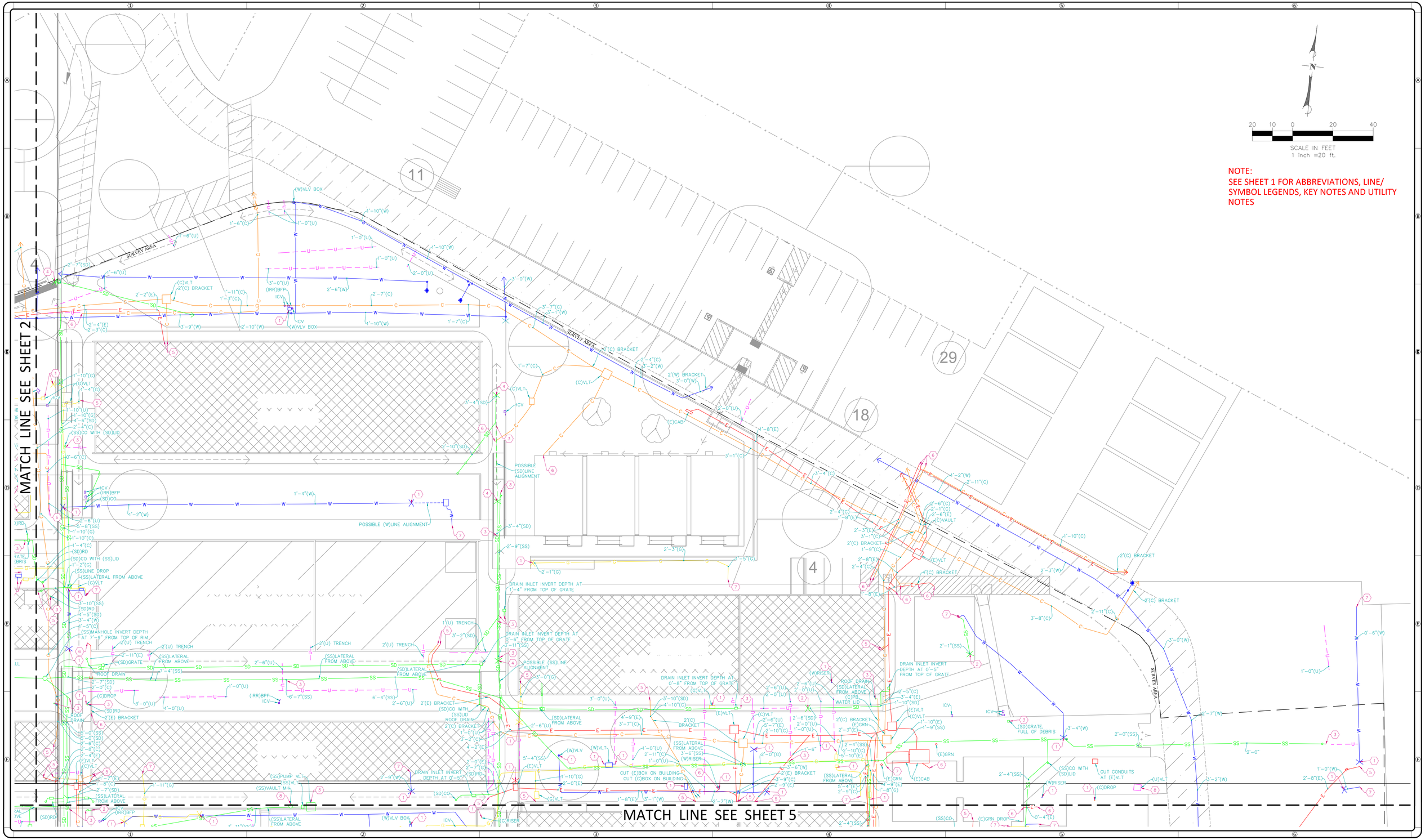
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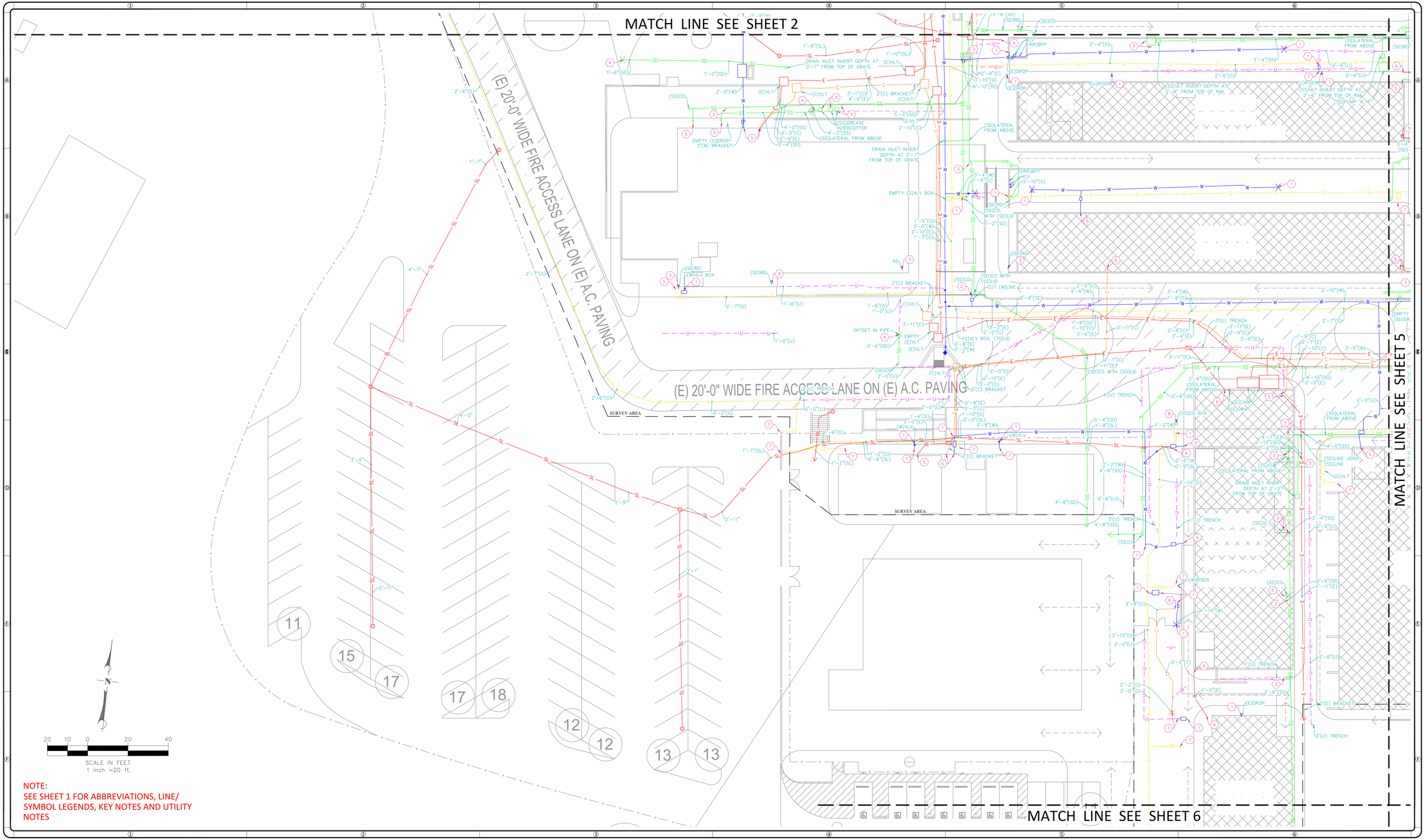
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PROJECT NO: 20-2363
SCALE: 1" = 20'

SHEET 2 OF 6


MATCH LINE SEE SHEET 2
MATCH LINE SEE SHEET 5
SURVEY AREA
SURVEY AREA
SURVEY AREA
11
4
29
18
4
(W)VLV BOX
(C)VLT
2'(C) BRACKET
(IRR)BFP
ICV
(SD)CO
(SS)CO WITH (SD)LID
POSSIBLE (W)LINE ALIGNMENT
POSSIBLE (SD)LINE ALIGNMENT
DRAIN INLET INVERT DEPTH AT 1'-4" FROM TOP OF GRATE
DRAIN INLET INVERT DEPTH AT 0'-6" FROM TOP OF GRATE
POSSIBLE (SS)LINE ALIGNMENT
DRAIN INLET INVERT DEPTH AT 0'-8" FROM TOP OF GRATE
DRAIN INLET INVERT DEPTH AT 0'-5" FROM TOP OF GRATE
1'(U) TRENCH
2'(U) TRENCH
(SS)LATERAL FROM ABOVE
(SD)LATERAL FROM ABOVE
ROOF DRAIN
(C)DROP
(SD)GRATE
(SS)MANHOLE INVERT DEPTH AT 7'-9" FROM TOP OF RIM
(SS)PUMP VLT
(SS)VAULT MH
(W)VLV
(W)VLT
(W)RISER
(G)VLT
(G)RISER
(E)VLT
(E)CAB
(E)GRN
(E)GRN DROP
2'(W) BRACKET
2'(E) BRACKET
2'(C) BRACKET
(C)PB
WATER LID
(SD)GRATE, FULL OF DEBRIS
CUT (E)BOX ON BUILDING
CUT (C)BOX ON BUILDING
CUT CONDUITS AT (E)VLT
(U)VLT
(SS)CO
(SS)LATERAL FROM ABOVE
(SD)CO WITH (SS)LID
(SS)LATERAL FROM ABOVE
(SS)LINE DROP
(SD)RD
(SD)CO WITH (SD)LID
ROOF DRAIN
(C)DROP
(SD)GRATE
(SS)MANHOLE INVERT DEPTH AT 7'-9" FROM TOP OF RIM
(SS)PUMP VLT
(SS)VAULT MH
(W)VLV BOX
(SS)LATERAL FROM ABOVE
(SD)LATERAL FROM ABOVE



NOTE:
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PROJECT NO: 20-2363
SCALE: 1" = 20'

SHEET 4 OF 6

MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 4

MATCH LINE SEE SHEET 6

SURVEY AREA

(E) 20'-0" WIDE FIRE ACCESS LANE ON (E) A.C. PAVING

SANTA ROSA ROAD

PAVING

SCALE IN FEET
1 inch =20 ft.

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SHEET 5 OF 6

MATCH LINE SEE SHEET 4

MATCH LINE SEE SHEET 5

SURVEY AREA

3'-10"(G)
1'-10"(SS)
0'-6"(U)
5'-10"(G)
2'-6"(U)
1'-6"(SS)
(W)VLV
1'-0"(SL)
(W)RISER
CUT (W)LINE
1'-2"(C)
2'-0"(U)
3'-2"(E)
2'-0"(G)
1'-11"(W)
1'-3"(C)
2'-7"(G)
2'-2"(W)
3'-0"(W)
(W)VLV
(W)FIRE DEPARTMENT
CONNECTION
2'-10"(G)
1'-10"(G)
1'-6"(G)
1'-3"(W)
3'-4"(G)
3'-6"(W)
1'-1"(W)
1'-2"(G)
2'-6"(W)
2'-3"(G)
1'-8"(W)
1'-11"(G)
1'-6"(W)
2'-1"(G)
2'-7"(G)
2'-6"(W)
2"(E) BRACKET
4'-11"(E)
3'-3"(G)
1'-11"(G)
(E)CAB
2'-0"(E)
(E)TRANSFORMER

20 10 0 20 40
SCALE IN FEET
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