

UNDERGROUND UTILITY MAP

WITHIN THE CITY OF EASTVALE, COUNTY OF RIVERSIDE, CALIFORNIA

PREPARED FOR:

OXNARD UNION HIGH SCHOOL DISTRICT

UTILITY QUALITY LEVELS NOTES

INFORMATION PROVIDED FROM AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) C1/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

- FACILITIES (UTILITY LINES) SHALL BE LOCATED AND MARKED PRIOR TO EXCAVATION. CALL (800) 90-BELOW.
- CONTRACTOR SHALL HAND-EXPOSE TO A POINT OF NO CONFLICT 24" ON EITHER SIDE OF THE UNDERGROUND FACILITY, REGARDLESS OF THE ESTIMATED DEPTH.
- 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.
- UTILITY BRACKETS ARE SHOWN TO DEMONSTRATE MULTIPLE LINES TRAVELING TOGETHER IN EITHER A DUCTBANK OR BUNDLE.
- 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.
- 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.
- 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—

KEY NOTES

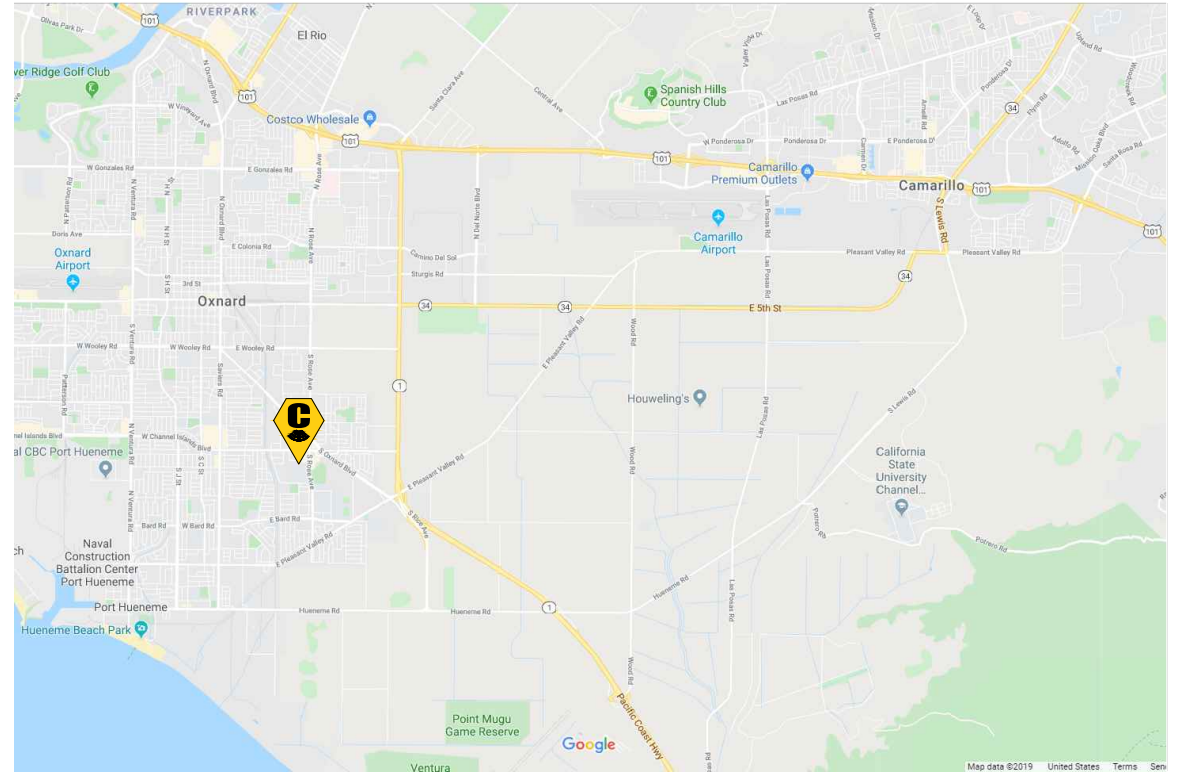
- NON-CONDUCTIVE, UNABLE TO LOCATE PAST THIS POINT.
- NO ACCESS, UNABLE TO LOCATE PAST THIS POINT.
- CANNOT PUSH FURTHER PAST THIS POINT.
- AT BUILDING
- AT DROP
- AT RISER
- CANNOT OPEN, UNABLE TO LOCATE PAST THIS POINT.
- BLOCKED

ABBREVIATIONS

CO	CLEAN OUT
(C)	COMMUNICATION
(E)	ELECTRIC
(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
(TS)	TRAFFIC SIGNAL
(U)	UNKNOWN
VLV	VALVE
VLT	VAULT
(W)	WATER
WVB	WATER VALVE BOX

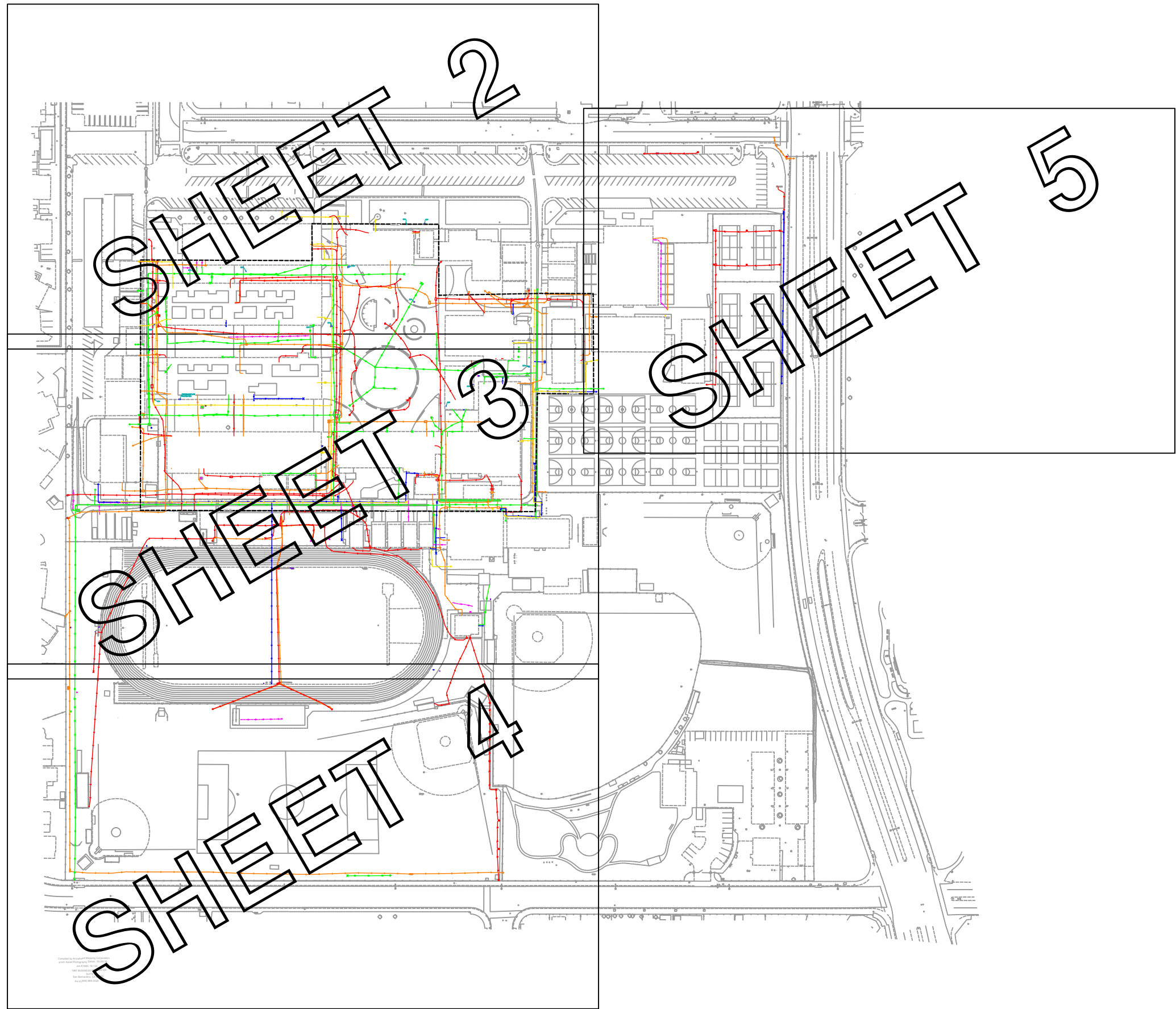
LEGEND/SYMBOL

—o—o—	BACKFLOW PREVENTER
o	CLEAN OUT
1'-6"	DEPTH FROM SURFACE
⦿	FIRE HYDRANT
⊗	LIGHT POLE
○	MANHOLE
⊗	METER
—o—	POWER POLE
⊗	PULL BOX
⊗	VALVE
□	VAULT



VICINITY MAP
NOT TO SCALE

DRAWING SHEETS	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2-5	UTILITY MAP



KEY MAP
NOT TO SCALE

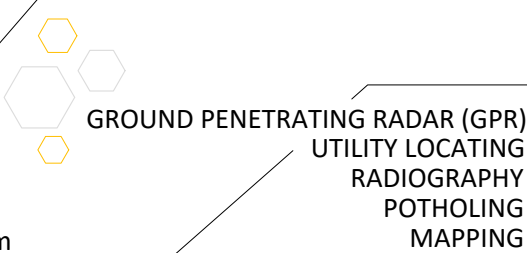
UTILITY DEPICTION

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



C BELOW SUBSURFACE IMAGING
14280 EUCLID AVE
CHINO, CA 91710

P: 888-902-3569
F: 909-606-6555
www.cbelow.com



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 §54216-4216.9. It is expressly understood by the Client and/or owner that CBI services are not a substitute for compliance with California Code §54216-4216.9.

PROJECT:

PARTIAL UNDERGROUND UTILITY MAP FOR:
CHANNEL ISLAND HIGH SCHOOL
1400 RAIDERS WAY
OXNARD, CA 93033

CLIENT:

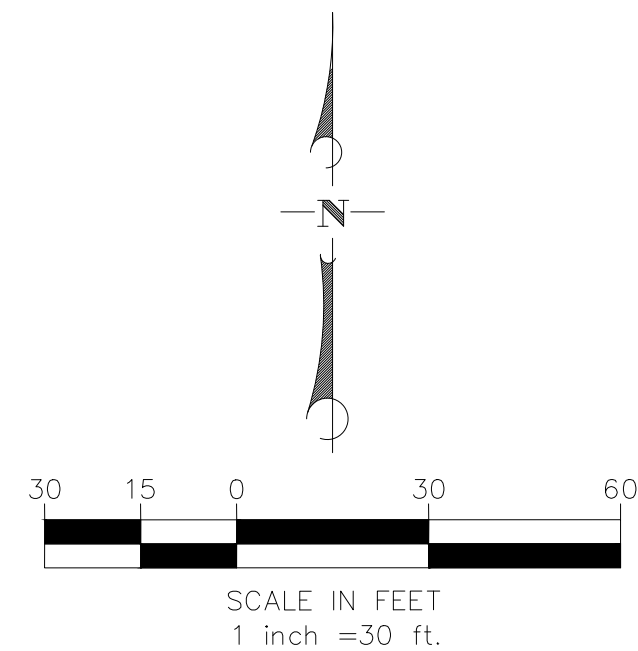
OXNARD UNIFIED SCHOOL DISTRICT
309 SOUTH K STREET
OXNARD, CA 93030

REVISIONS

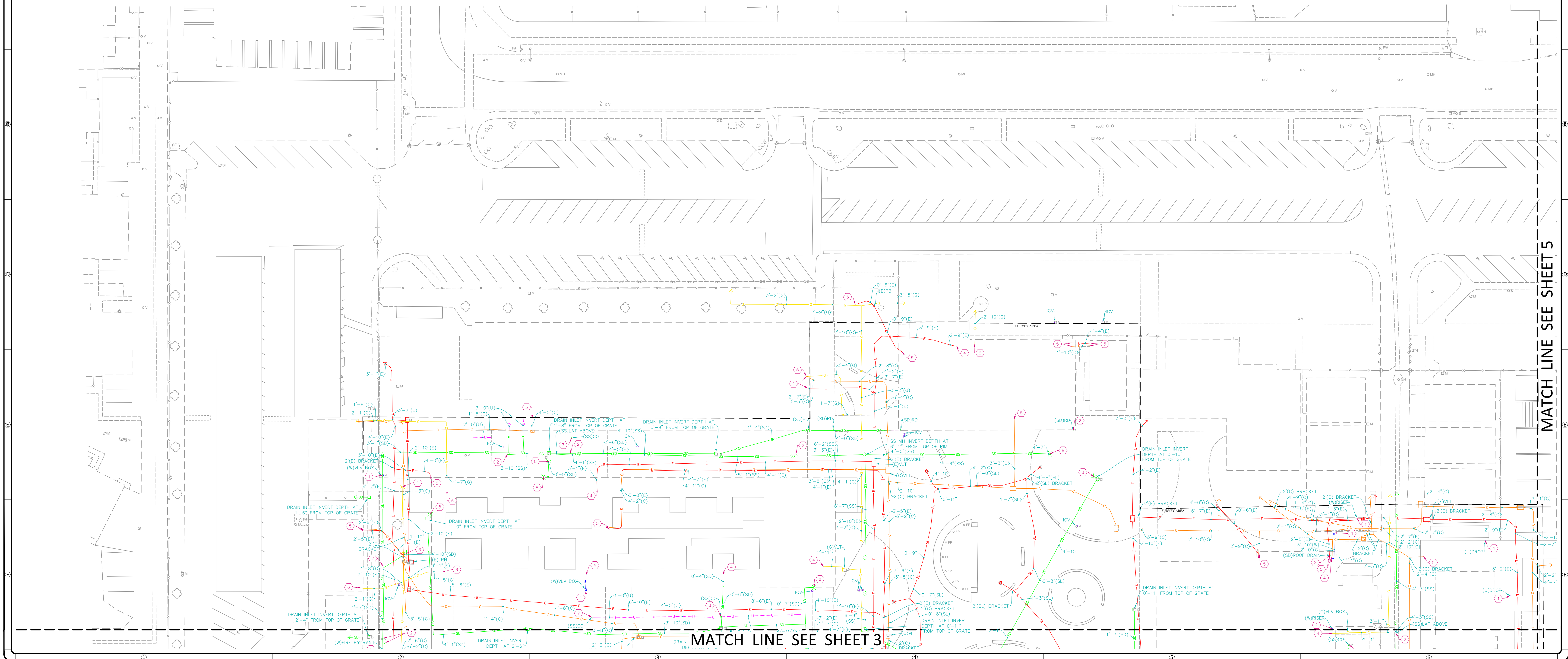
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DATE LOCATED: 10/2019
DRAWN BY/DATE: OG 11/02/2020
TECHNICIAN: B. TRAHAN
QC CHECKED BY/DATE: LB 11/05/2020
DRAWING NAME: COVER SHEET
PROJECT NO: 19-0976
SCALE: N.T.S.

SHEET 1 OF 5



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



MATCH LINE SEE SHEET 5



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GROUND PENETRATING RADAR (GPR)
UTILITY LOCATING
RADIOGRAPHY
POTHOLING
MAPPING

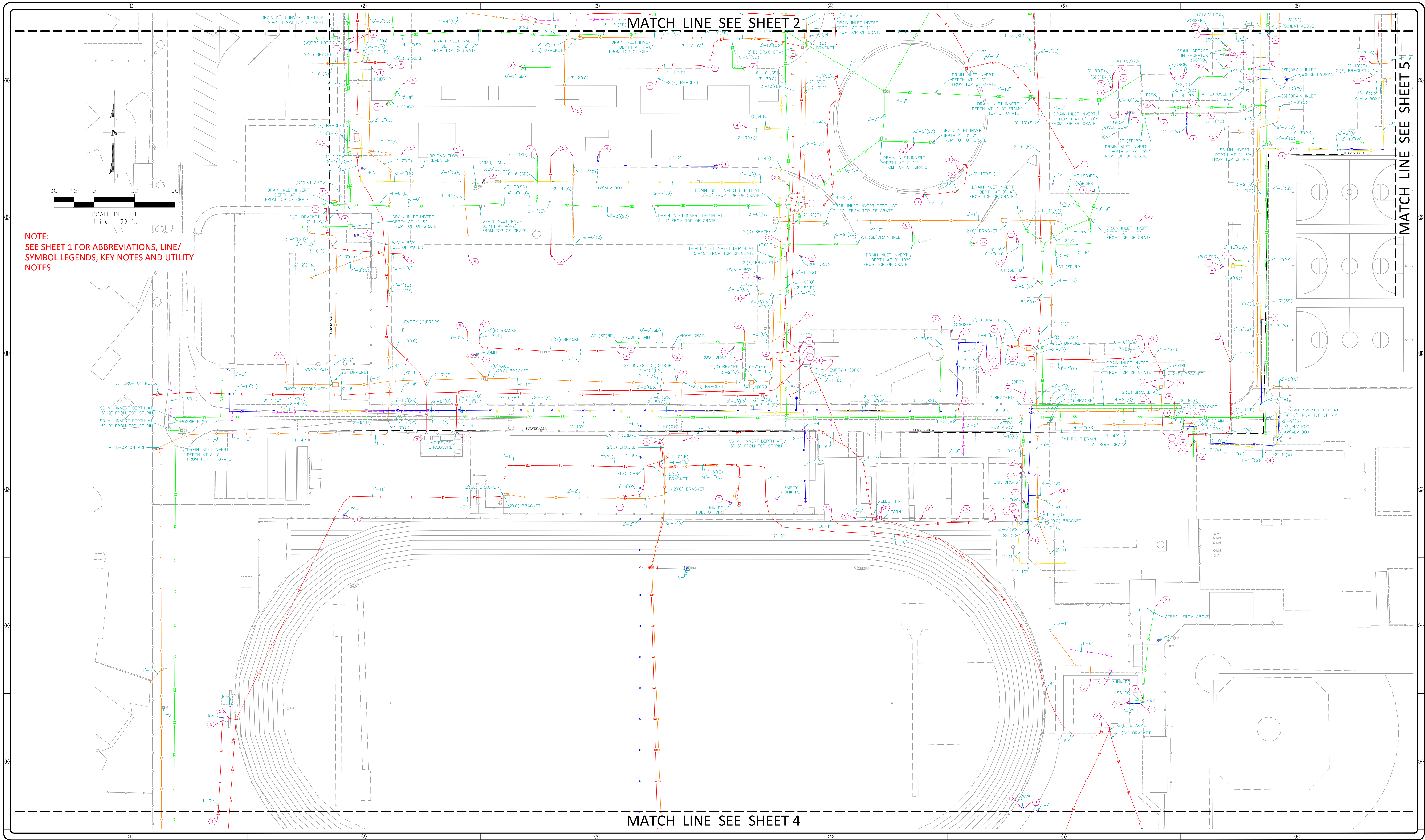
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REVISIONS				
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DRAWING NAME: UTILITY MAP
PROJECT NO: 19-0976
SCALE: 1" = 30'
SHEET 2 OF 5



C BELOW SUBSURFACE IMAGING
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GROUND PENETRATING RADAR (GPR)
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RADIOGRAPHY
POTHOLING
MAPPING

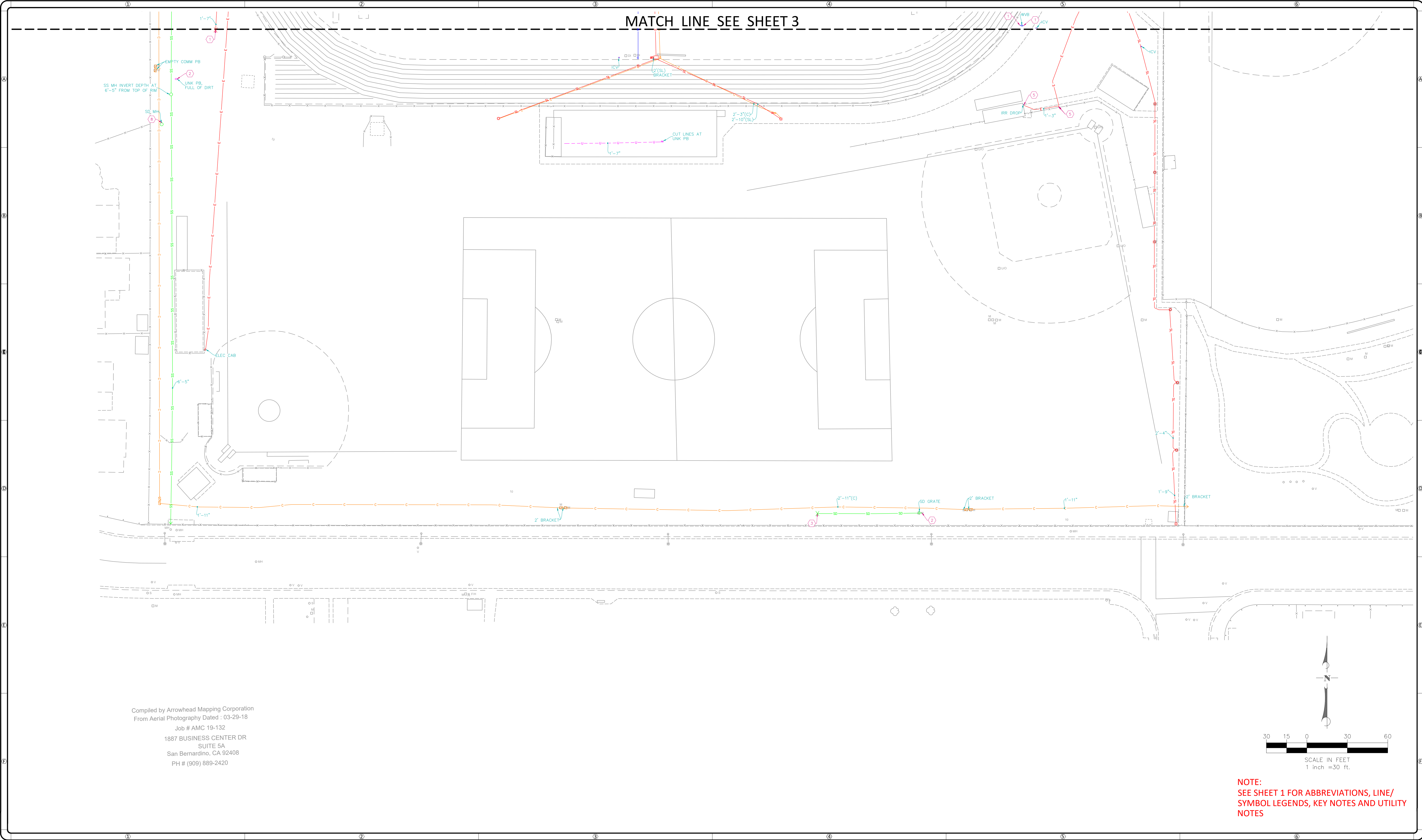
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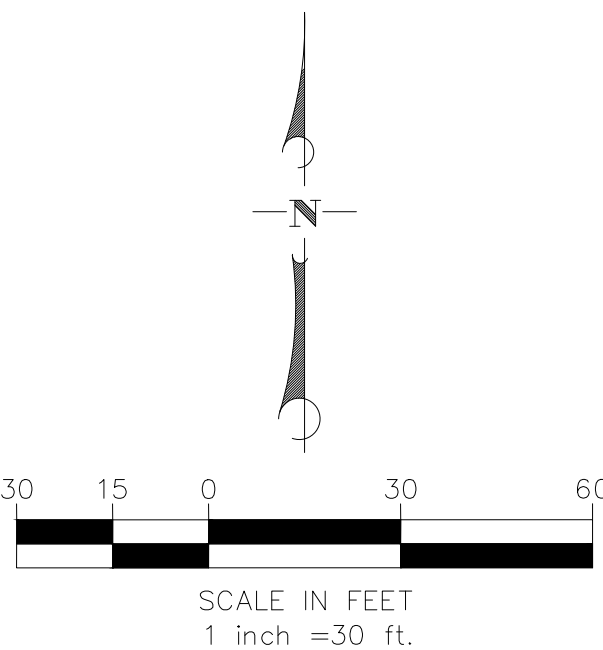
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PROJECT NO: 19-0976
SCALE: 1" = 30'



Compiled by Arrowhead Mapping Corporation
From Aerial Photography Dated : 03-29-18
Job # AMC 19-132
1887 BUSINESS CENTER DR
SUITE 5A
San Bernardino, CA 92408
PH # (909) 889-2420



NOTE:
SEE SHEET 1 FOR ABBREVIATIONS, LINE/
SYMBOL LEGENDS, KEY NOTES AND UTILITY
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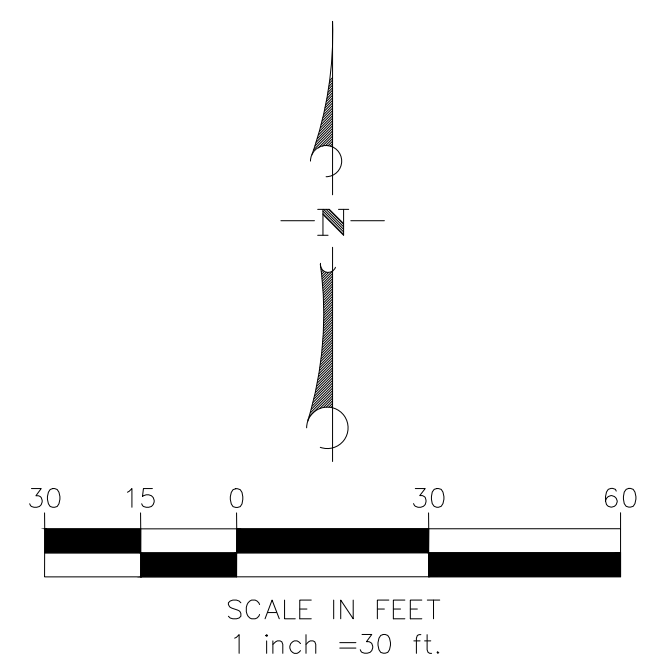
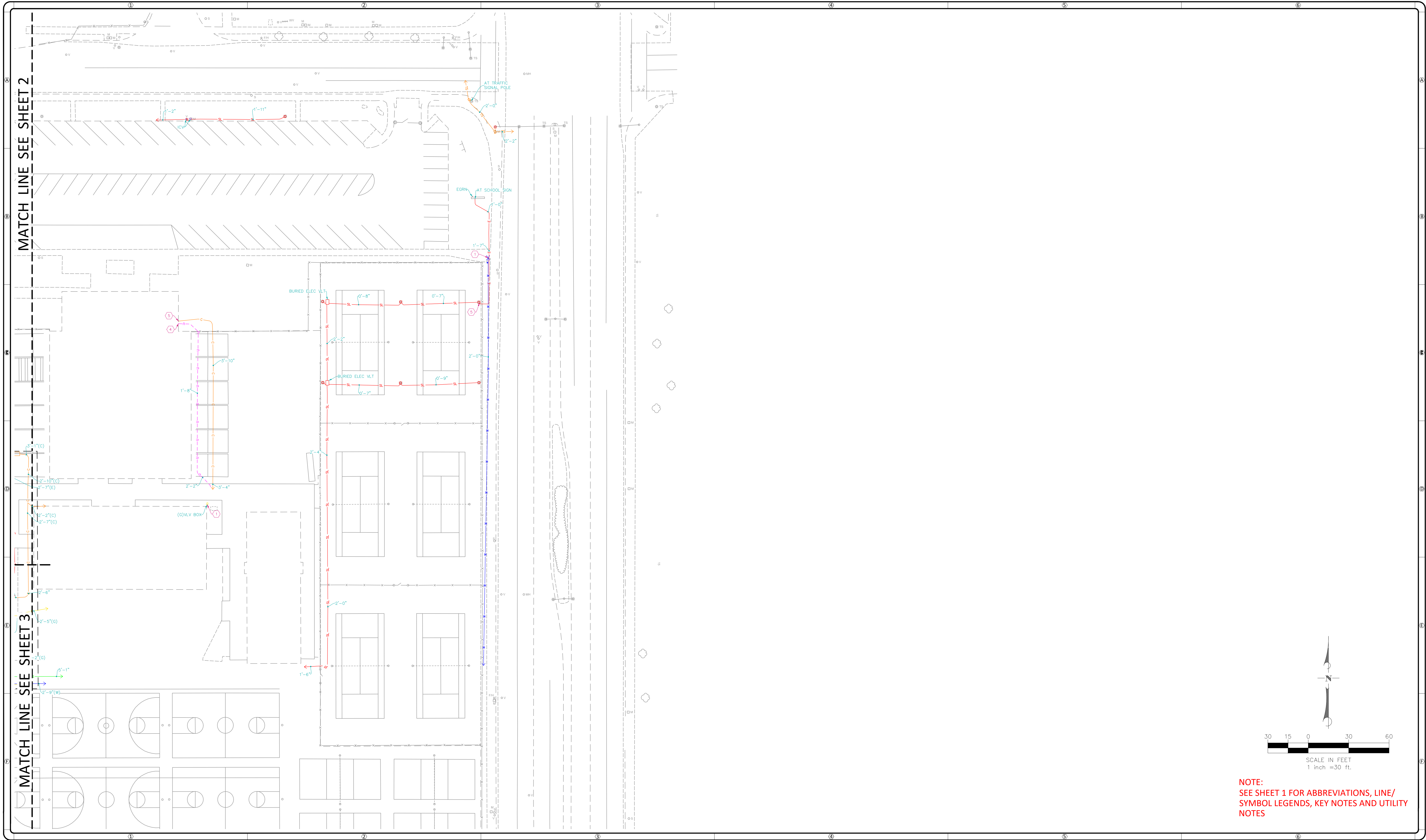
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SHEET 4 OF 5



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SHEET 5 OF 5