



VOLUME 1 EXISTING CONDITIONS

[illegible]

WARNING: THIS RECORD MAY CONTAIN SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 1520. NO PART OF THIS RECORD MAY BE DISCLOSED TO PERSONS WITHOUT A "NEED TO KNOW", AS DEFINED IN 49 CFR PARTS 15 AND 1520, EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATOR OF THE TRANSPORTATION SECURITY ADMINISTRATION OR THE SECRETARY OF TRANSPORTATION. UNAUTHORIZED RELEASE MAY RESULT IN CIVIL PENALTY OR OTHER ACTION. FOR U.S. GOVERNMENT AGENCIES, PUBLIC DISCLOSURE IS GOVERNED BY 5 U.S.C. 552 AND 49 CFR PARTS 15 AND 1520.

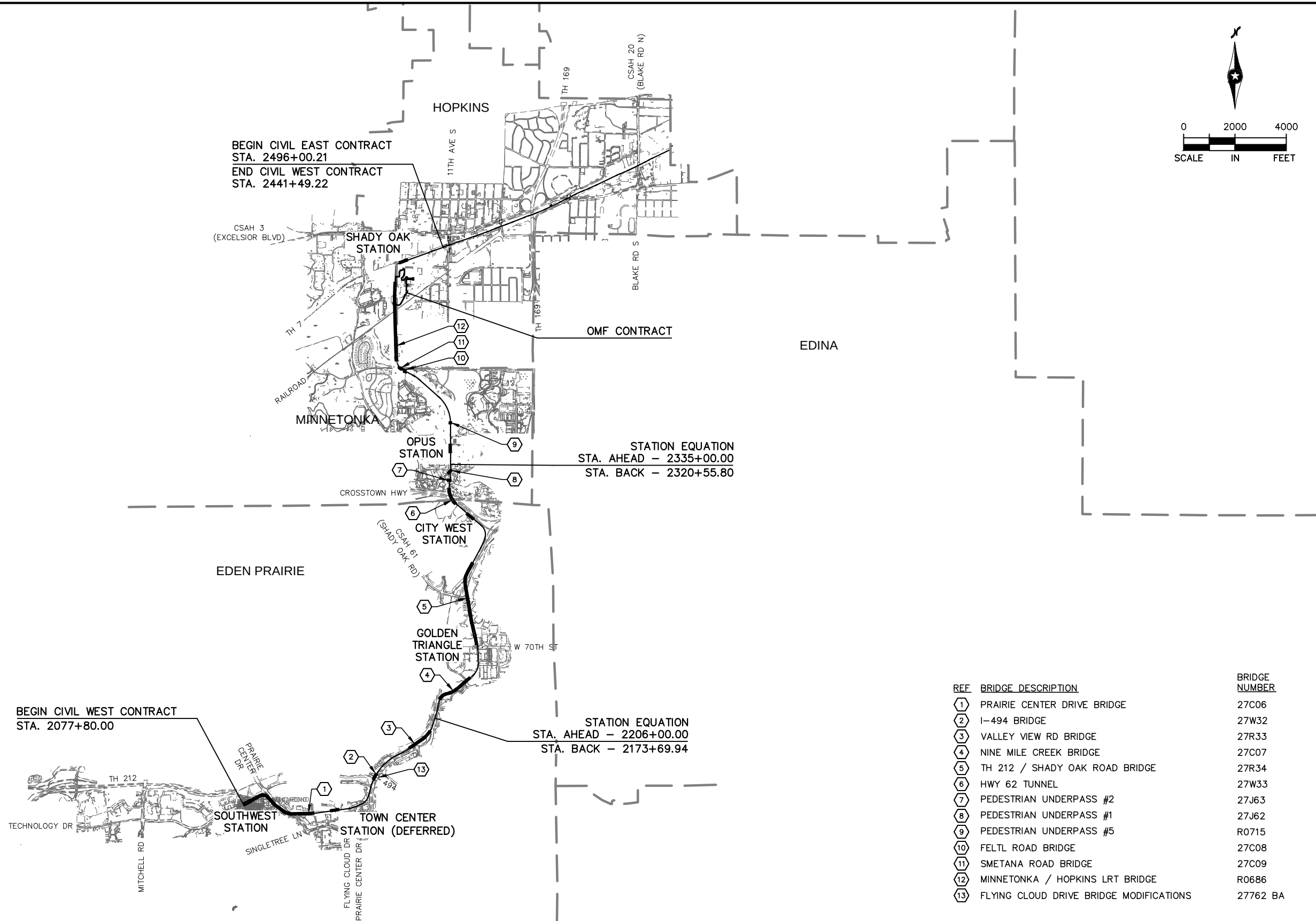
60% SUBMISSION
DATE : 09/28/15

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Sep. 25 2015 07:01 am V:\3400_ADC\CAD\CAD MANAGEMENT\DRAWING LIST\W1_GEN-idx.dwg By: V-KriewdMR

CIVIL WEST						CIVIL WEST						CIVIL WEST					
SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV	SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV	SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
VOLUME 1 - GENERAL						72	W1-SUR-PLN-060	TECHNOLOGY DR	123+00	131+36							
1	W0-GEN-CVR-001	COVER SHEET				73	W1-SUR-PLN-061	494 OFF RAMP	6+50	0+00							
2	W0-GEN-IDX-001	VOLUME INDEX OF PLAN SHEETS				74	W2-SUR-PLN-062	SHEET 74									
3	W0-GEN-KEY-001	GENERAL KEY MAP				75	W2-SUR-PLN-063	SHADY OAK RD	800+00	807+00							
4	W0-GEN-NTS-001	GENERAL LEGEND AND ABBREVIATIONS SHEET 1				76	W2-SUR-PLN-064	70TH ST W	300+00	307+80							
5	W0-GEN-NTS-002	GENERAL LEGEND AND ABBREVIATIONS SHEET 2				77	W2-SUR-PLN-065	SHEET 77									
6	W0-SUR-NTS-000	EXISTING CONDITION NOTES, ABBREVIATIONS & SYMBOLS				78	W2-SUR-PLN-066	W 62ND ST	127+02	126+00							
7	W1-SUR-LAY-001	SURVEY PLAN SHEET LAYOUT SHEET 7				79	W2-SUR-PLN-067	RED CIRCLE DR TO YELLOW CIR DR	200+00	203+50							
8	W1-SUR-LAY-002	SURVEY PLAN SHEET LAYOUT SHEET 8				80	W2-SUR-PLN-068	RED CIRCLE DR TO YELLOW CIR DR	233+00	225+50							
9	W2-SUR-LAY-003	SURVEY PLAN SHEET LAYOUT SHEET 9				81	W2-SUR-PLN-069	BREN RD E	1018+00	1021+71							
10	W2-SUR-LAY-004	SURVEY PLAN SHEET LAYOUT SHEET 10				82	W3-SUR-PLN-070	BREN RD E	996+00	1001+00							
11	W3-SUR-LAY-005	SURVEY PLAN SHEET LAYOUT SHEET 11				83	W3-SUR-PLN-071	BREN RD W	46+87	51+50							
12	W3-SUR-LAY-006	SURVEY PLAN SHEET LAYOUT SHEET 12				84	W3-SUR-PLN-072	GREEN CIR DR									
13	W1-SUR-PLN-001	EXISTING CONDITIONS PLAN	2077+80	2084+00		85	W3-SUR-PLN-073	FELTL RD	20+00	26+00							
14	W1-SUR-PLN-002	EXISTING CONDITIONS PLAN	2084+00	2089+50		86	W3-SUR-PLN-074	5TH ST S	4+00	5+50							
15	W1-SUR-PLN-003	EXISTING CONDITIONS PLAN	2089+50	2096+00		87	W3-SUR-PLN-075	17TH AVE S	8+25	13+25							
16	W1-SUR-PLN-004	EXISTING CONDITIONS PLAN	2096+00	2103+00		88	W3-SUR-PLN-076	EXCELSIOR BLVD	300+00	305+75							
17	W1-SUR-PLN-005	EXISTING CONDITIONS PLAN	2103+00	2109+50		89	W3-SUR-PLN-077	EXCELSIOR BLVD	305+75	310+45							
18	W1-SUR-PLN-006	EXISTING CONDITIONS PLAN	2109+50	2114+00		90	W0-SUR-CTRL-000	SURVEY CONTROL STATIONS LAYOUT									
19	W1-SUR-PLN-007	EXISTING CONDITIONS PLAN	2114+00	2120+50		91	W1-SUR-CTRL-001	SURVEY CONTROL STATIONS SHEET 91									
20	W1-SUR-PLN-008	EXISTING CONDITIONS PLAN	2120+50	2126+50		92	W1-SUR-CTRL-002	SURVEY CONTROL STATIONS SHEET 92									
21	W1-SUR-PLN-009	EXISTING CONDITIONS PLAN	2126+50	2133+50		93	W2-SUR-CTRL-003	SURVEY CONTROL STATIONS SHEET 93									
22	W1-SUR-PLN-010	EXISTING CONDITIONS PLAN	2133+50	2140+50		94	W2-SUR-CTRL-004	SURVEY CONTROL STATIONS SHEET 94									
23	W1-SUR-PLN-011	EXISTING CONDITIONS PLAN	2140+50	2147+50		95	W3-SUR-CTRL-005	SURVEY CONTROL STATIONS SHEET 95									
24	W1-SUR-PLN-012	EXISTING CONDITIONS PLAN	2147+50	2154+50		96	W3-SUR-CTRL-006	SURVEY CONTROL STATIONS SHEET 96									
25	W1-SUR-PLN-013	EXISTING CONDITIONS PLAN	2154+50	2161+00													
26	W1-SUR-PLN-014	EXISTING CONDITIONS PLAN	2161+00	2165+50													
27	W1-SUR-PLN-015	EXISTING CONDITIONS PLAN	2165+50	2169+50													
28	W1-SUR-PLN-016	EXISTING CONDITIONS PLAN	2169+50	2173+70													
29	W2-SUR-PLN-017	EXISTING CONDITIONS PLAN	2206+00	2213+00													
30	W2-SUR-PLN-018	EXISTING CONDITIONS PLAN	2213+00	2220+50													
31	W2-SUR-PLN-019	EXISTING CONDITIONS PLAN	2220+50	2227+50													
32	W2-SUR-PLN-020	EXISTING CONDITIONS PLAN	2227+50	2234+50													
33	W2-SUR-PLN-021	EXISTING CONDITIONS PLAN	2234+50	2240+50													
34	W2-SUR-PLN-022	EXISTING CONDITIONS PLAN	2240+50	2247+50													
35	W2-SUR-PLN-023	EXISTING CONDITIONS PLAN	2247+50	2254+50													
36	W2-SUR-PLN-024	EXISTING CONDITIONS PLAN	2254+50	2261+50													
37	W2-SUR-PLN-025	EXISTING CONDITIONS PLAN	2261+50	2268+50													
38	W2-SUR-PLN-026	EXISTING CONDITIONS PLAN	2268+50	2275+50													
39	W2-SUR-PLN-027	EXISTING CONDITIONS PLAN	2275+50	2282+50													
40	W2-SUR-PLN-028	EXISTING CONDITIONS PLAN	2282+50	2289+50													
41	W2-SUR-PLN-029	EXISTING CONDITIONS PLAN	2289+50	2295+00													
42	W2-SUR-PLN-030	EXISTING CONDITIONS PLAN	2295+00	2302+00													
43	W2-SUR-PLN-031	EXISTING CONDITIONS PLAN	2302+00	2308+50													
44	W2-SUR-PLN-032	EXISTING CONDITIONS PLAN	2308+50	2315+00													
45	W2-SUR-PLN-033	EXISTING CONDITIONS PLAN	2315+00	2320+50													
46	W3-SUR-PLN-034	EXISTING CONDITIONS PLAN	2335+00	2339+50													
47	W3-SUR-PLN-035	EXISTING CONDITIONS PLAN	2339+50	2345+50													
48	W3-SUR-PLN-036	EXISTING CONDITIONS PLAN	2345+50	2352+50													
49	W3-SUR-PLN-037	EXISTING CONDITIONS PLAN	2352+50	2359+50													
50	W3-SUR-PLN-038	EXISTING CONDITIONS PLAN	2359+50	2366+50													
51	W3-SUR-PLN-039	EXISTING CONDITIONS PLAN	2366+50	2373+50													
52	W3-SUR-PLN-040	EXISTING CONDITIONS PLAN	2373+50	2378+50													
53	W3-SUR-PLN-041	EXISTING CONDITIONS PLAN	2378+50	2384+50													
54	W3-SUR-PLN-042	EXISTING CONDITIONS PLAN	2384+50	2391+00													
55	W3-SUR-PLN-043	EXISTING CONDITIONS PLAN	2391+00	2397+50													
56	W3-SUR-PLN-044	EXISTING CONDITIONS PLAN	2397+50	2404+00													
57	W3-SUR-PLN-045	EXISTING CONDITIONS PLAN	2404+00	2410+50													
58	W3-SUR-PLN-046	EXISTING CONDITIONS PLAN	2410+50	2417+00													
59	W3-SUR-PLN-047	EXISTING CONDITIONS PLAN	2417+50	2422+00													
60	W3-SUR-PLN-048	EXISTING CONDITIONS PLAN	2422+00	2428+50													
61	W3-SUR-PLN-049	EXISTING CONDITIONS PLAN	2428+50	2435+50													
62	W3-SUR-PLN-050	EXISTING CONDITIONS PLAN	2435+50	2441+49													
63	W1-SUR-PLN-051	TECHNOLOGY DR	435+00	442+50													
64	W1-SUR-PLN-052	TECHNOLOGY DR	442+50	451+50													
65	W1-SUR-PLN-053	TH 212 EB ON RAMP	22+00	24+25													
66	W1-SUR-PLN-054	PRAIRIE CENTER DR	440+00	432+00													
67	W1-SUR-PLN-055	TECHNOLOGY DR	500+00	506+00													
68	W1-SUR-PLN-056	EDEN RD	30+00	36+00													
69	W1-SUR-PLN-057	GLEN LN	40+00	43+50													
70	W1-SUR-PLN-058	CSAH 61 (FLYING CLOUD DR)	500+50	505+50													
71	W1-SUR-PLN-059	TECHNOLOGY DR	119+00	123+00													
NO.		DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL	AECOM 60% SUBMISSION - 09/28/15		 		CIVIL WEST - VOLUME 1 GENERAL VOLUME INDEX OF PLAN SHEETS				SHEET 2 OF 96		
						DISCIPLINE: GENERAL		SHEET NAME: W0-GEN-IDX - 001									

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL WEST - VOLUME 1
GENERAL
KEY MAP

DISCIPLINE: GENERAL
SHEET NAME: W0-GEN-KEY - 001

SHEET
3
OF
96

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TRACK LINETYPES

- ROADWAY
- TRACK (LRT)
- TRACK (FRT)
- RETAINING WALL
- BALLAST CURB
- TUNNEL WALL
- FENCE
- EX ROW
- PROP ROW
- PROP TCE
- PROP PE
- FENCE / RAILING
- ID ID INTRUSION DETECTION

CIVIL LINETYPES

- ROADWAY
- TRACK (LRT)
- TRACK (FRT)
- RETAINING WALL
- BALLAST CURB
- TUNNEL WALL
- CONCRETE CURB AND GUTTER
- TRAIL
- SIDEWALK
- DRIVEWAY
- BRIDGE
- SAWCUT
- FENCE
- DELINEATED WETLAND
- WATER EDGE
- EX ROW
- PROP ROW
- PROP TCE
- PROP PE
- CROSSWALK
- STOP BAR
- MEDIAN NOSE

TRACK SYMBOLS

- PROPOSED DIRECTIONAL LANE USE
- EXISTING DIRECTIONAL LANE USE
- PEDESTRIAN FLASHER
- AUTOMATIC GATE
- RAIL TURNOUT
- RAIL CROSSOVER (DOUBLE)
- RAIL CROSSOVER (SINGLE)
- POINT OF SWITCH (PS)
- OCS POLE FOUNDATION
- RAIL LUBRICATOR
- POINT OF INTERSECTION (PI) OF TURNOUT (TO)
- RAILROAD CURVE NUMBER

NOTE:
ALL TURNOUTS AND CROSSOVERS TO BE EQUIPPED WITH POWER
SWITCH MACHINES AND SWITCH HEATERS

CIVIL SYMBOLS

- ACCESSIBLE PEDESTRIAN CURB RAMP (DESIGN VARIES)
- PROPOSED DIRECTIONAL LANE USE
- EXISTING DIRECTIONAL LANE USE
- AUTOMATIC GATE
- HANDICAP PARKING STALL
- TACTILE WARNING STRIP
- TPSS BUILDING (TPSS-SW###)
- SIGNAL OR INTERMEDIATE OR PLATFORM OR XING OR TUNNEL HOUSE OR ANY COMBINATION OF THESE

SURVEY NOTES

- THE HORIZONTAL DATUM OF THIS MAP IS BASED ON THE HENNEPIN COUNTY COORDINATE SYSTEM WHICH IS RELATED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM NAD 83 (2007) ADJUSTMENT SOUTH ZONE.
- THE PLANIMETRIC FEATURES SHOWN ON THIS MAP ARE AS PREPARED BY AERO-METRIC, INC. FROM AERIAL DATA AND IMAGERY COLLECTED IN APRIL 2012, AS SUPPLEMENTED BY FIELD SURVEYS COMPLETED BY RANI ENGINEERING.
- HORIZONTAL POSITIONAL ACCURACY: USING THE NATIONAL STANDARD FOR SPATIAL DATA ACCURACY, THE DATA SET TESTED 0.14 FEET HORIZONTAL ACCURACY AT A 95% CONFIDENCE LEVEL.
- VERTICAL POSITIONAL ACCURACY: USING THE NATIONAL STANDARD FOR SPATIAL DATA ACCURACY, THE DATA SET TESTED 0.10 FEET VERTICAL ACCURACY AT 95% CONFIDENCE LEVEL.

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CIVIL WEST - VOLUME 1
GENERAL
LEGEND AND ABBREVIATIONS
SHEET 1

DISCIPLINE: GENERAL

SHEET NAME: W0-GEN-NTS - 001

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ABBREVIATIONS

AD	ALGEBRAIC DIFFERENCE
AVE	AVENUE
BGN	BEGIN
BP	BEGINNING POINT
BVCE	BEGINNING VERTICAL CURVE ELEVATION
BVCS	BEGINNING VERTICAL CURVE STATION
BLVD	BOULEVARD
BNSF	BURLINGTON NORTHERN SANTA FE RAILWAY
C&G	CURB AND GUTTER
☉	CENTERLINE
CIR	CIRCLE
CP	CANADIAN PACIFIC
CPRAIL	CANADIAN PACIFIC RAILWAY
CS	CURVE TO SPIRAL
CSAH	COUNTY STATE AID HIGHWAY
D&U	DRAINAGE AND UTILITY
DF	DIRECT FIXATION
DR	DRIVE
DTL	DETAIL
DWY	DRIVEWAY
E	EAST
Ea	ACTUAL SUPERELEVATION (INCHES)
EB	EAST BOUND
EL or ELEV	ELEVATION
EP	END POINT
ESMT	EASEMENT
Eu	UNBALANCED SUPERELEVATION (INCHES)
EVCE	ENDING VERTICAL CURVE ELEVATION
EVCS	ENDING VERTICAL CURVE STATION
EX	EXISTING
HCRRRA	HENNEPIN COUNTY REGIONAL RAILROAD AUTHORITY
LH	LEFT HAND
LN	LANE
LRT	LIGHT RAIL TRANSIT
Lc	CURVE LENGTH (FEET)
Ls	SPIRAL LENGTH (FEET)
MIN	MINIMUM
MPH	MILES PER HOUR
MPLS	CITY OF MINNEAPOLIS
MPRB	MINNEAPOLIS PARK AND RECREATION BOARD
N	NORTH
NB	NORTH BOUND
NIC	NOT IN CONTRACT
NO	NUMBER
OMF	OPERATIONS AND MAINTENANCE FACILITY
OCS	OVERHEAD CONTACT SYSTEM
OH	OVERHEAD
PC	POINT OF CURVE
PE	PERMANENT EASEMENT
PITO	POINT OF INTERSECTION OF TURNOUT
PKWY	PARKWAY
POT	POINT ON TANGENT
PROP	PROPOSED
PS	POINT OF SWITCH
PT	POINT OF TANGENT
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS (FEET)
RD	ROAD
RL	RAIL LUBRICATOR
r	RATE OF CHANGE VERTICAL CURVE
RH	RIGHT HAND
ROW	RIGHT OF WAY
S	SOUTH
SB	SOUTH BOUND
SC	SPIRAL TO CURVE
SIG-COMM	SIGNAL COMMUNICATION
ST	STREET
ST	SPIRAL TO TANGENT
STA	STATION
TCE	TEMPORARY CONSTRUCTION EASEMENT
TH	TRUNK HIGHWAY
THRU	THROUGH
TOR	TOP OF RAIL
TPSS	TRACTION POWER SUBSTATION
TRK	TRACK
TS	TANGENT TO SPIRAL
TYP	TYPICAL
UG	UNDERGROUND
V	DESIGN VELOCITY (MPH)
VC	VERTICAL CURVE
W	WEST
WB	WEST BOUND

TRAIL INDEX

ABBREVIATED NAME	FULL NAME / LOCATION
TRAIL 1	UNDER RED CIRCLE DR, LRT, AND YELLOW CIRCLE DR
TRAIL 2	FROM TRAIL 1 TO GREEN CIRCLE DR
TRAIL 3	OPUS STATION ACCESS FROM BREN RD E
TRAIL 4	FROM BREN RD W TO TRAIL 5
TRAIL 5	FROM OPUS STATION TO GREEN CIRCLE DR
TRAIL 6	FROM TRAIL 5 TO SMETANA RD
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL TRAIL/FROM SHADY OAK STATION TO 11TH AVE
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL TRAIL/WEST OF EXCELSIOR
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL LRT TRAIL/BETWEEN EXCELSIOR AND KENILWORTH TRAIL CONNECTION
MIDTOWN GREENWAY	MIDTOWN GREENWAY/EAST OF KENILWORTH TRAIL CONNECTION
TRAIL A	KENILWORTH TRAIL (SECONDARY)/BETWEEN CEDAR-ISLES CHANNEL AND 21ST STREET STATION
TRAIL B	KENILWORTH TRAIL (SECONDARY)/BETWEEN 21ST STREET STATION AND PENN STATION
TRAIL B	CEDAR LAKE TRAIL (SECONDARY)/EAST OF PENN STATION
TRAIL C	10' CONNECTOR TRAIL FROM CEDAR LAKE LRT REGIONAL TRAIL TO TYLER AVE.
TRAIL D	10' CONNECTOR TRAIL/BELTLINE STATION TO CEDAR LAKE LRT REGIONAL TRAIL
KENILWORTH TRAIL	KENILWORTH TRAIL (MAIN)/W LAKE ST TO PENN STATION
CEDAR LAKE TRAIL	CEDAR LAKE TRAIL (MAIN)/PENN STATION TO TH 394
TRAIL E	KENILWORTH TRAIL (SECONDARY)/EAST OF W LAKE ST
TRAIL F	KENILWORTH TRAIL (SECONDARY)/WEST OF CEDAR LAKE PKWY
TRAIL G	KENILWORTH TRAIL (SECONDARY)/WEST OF PENN STATION
TRAIL G	CEDAR LAKE TRAIL (SECONDARY)/EAST OF PENN STATION
TRAIL H	10' CONNECTOR TRAIL/EAST OF PENN STATION TO KENWOOD PKWY
TRAIL I	NOT USED
CEDAR LAKE TRAIL	CEDAR LAKE TRAIL (MAIN)/AT-GRADE CROSSING AT PENN STATION
TRAIL J	CEDAR LAKE TRAIL (SECONDARY)/NORTHWEST OF PENN STATION
TRAIL K	CEDAR LAKE TRAIL (SECONDARY)/NORTHWEST OF PENN STATION
TRAIL L	CEDAR LAKE TRAIL (SECONDARY)/EAST OF PENN STATION
TRAIL M	NOT USED
TRAIL N	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO EDGEBROOK DRIVE
TRAIL O	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO W LAKE STREET
TRAIL P	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO LOUISIANA AVE
TRAIL Q	10' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO TH 7 SERVICE ROAD
TRAIL R	20' CONNECTOR TRAIL FROM VAN WHITE STATION TO CEDAR LAKE TRAIL
TRAIL S	NOT USED
TRAIL T	8' CONNECTOR TRAIL FROM VAN WHITE STATION TO VAN WHITE MEMORIAL BLVD
TRAIL U	10' TRAIL PARALLEL TO CEDAR LAKE PKWY
LUCE LINE TRAIL	LUCE LINE REGIONAL TRAIL/ON BRIDGE OVER LIGHT RAIL
TRAIL V	CONNECTOR TRAIL TO LUCE LINE REGIONAL TRAIL WEST OF LIGHT RAIL
TRAIL W	CONNECTOR TRAIL TO LUCE LINE REGIONAL TRAIL WEST OF LIGHT RAIL

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



CIVIL WEST - VOLUME 1
GENERAL
LEGEND AND ABBREVIATIONS
SHEET 2

DISCIPLINE: GENERAL

SHEET NAME: W0-GEN-NTS - 002

SURVEY NOTES

1. THE HORIZONTAL DATUM OF THIS MAP IS BASED ON THE HENNEPIN COUNTY COORDINATE SYSTEM WHICH IS RELATED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM NAD 83 (2007) ADJUSTMENT SOUTH ZONE.
2. THE PLANIMETRIC FEATURES SHOWN ON THIS MAP ARE AS PREPARED BY AERO-METRIC, INC. FROM AERIAL DATA AND IMAGERY COLLECTED IN APRIL 2012, AS SUPPLEMENTED BY FIELD SURVEYS COMPLETED BY RANI ENGINEERING.
3. HORIZONTAL POSITIONAL ACCURACY: USING THE NATIONAL STANDARD FOR SPATIAL DATA ACCURACY, THE DATA SET TESTED 0.14 FEET HORIZONTAL ACCURACY AT A 95% CONFIDENCE LEVEL.
4. VERTICAL POSITIONAL ACCURACY: USING THE NATIONAL STANDARD FOR SPATIAL DATA ACCURACY, THE DATA SET TESTED 0.10 FEET VERTICAL ACCURACY AT 95% CONFIDENCE LEVEL.

TOPOGRAPHIC SYMBOLS

- | | |
|---|----------------------------------|
|  | CATCH BASIN |
|  | STORM MANHOLE |
|  | SANITARY MANHOLE |
|  | SANITARY CLEANOUT |
|  | WATER MANHOLE |
|  | WATER GATE VALVE MANHOLE |
|  | WATER VALVE |
|  | WATER METER |
|  | CORP STOP |
|  | HYDRANT |
|  | ELECTRIC METER |
|  | ELECTRIC TRANSFORMER |
|  | ELECTRIC PANEL |
|  | ELECTRIC MANHOLE |
|  | ELECTRIC BOX |
|  | GAS VALVE |
|  | GAS METER |
|  | TRAFFIC SIGNAL |
|  | LIGHT POLE |
|  | HAND HOLE (STRUCTURE) |
| CTV  | CABLE TELEVISION |
| C  | COMMUNICATION STRUCTURE |
| T  | TELEPHONE STRUCTURE |
|  | TELEPHONE MANHOLE |
|  | FIBER OPTIC MANHOLE |
|  | UTILITY POLE |
|  | UTILITY POLE W/LIGHT |
|  | TREE (DECIDUOUS) |
|  | TREE (CONIFEROUS) |
|  | LIGHT POLE |
|  | CAMERA |
|  | MONITOR WELL |
|  | BOLLARD |
|  | SIGN |
|  | FLAG POLE |
|  | UNIDENTIFIED STRUCTURE |
|  | EXISTING DIRECTIONAL LANE USE |
|  | EXISTING SIGNALIZED INTERSECTION |

TOPOGRAPHIC SYMBOLS

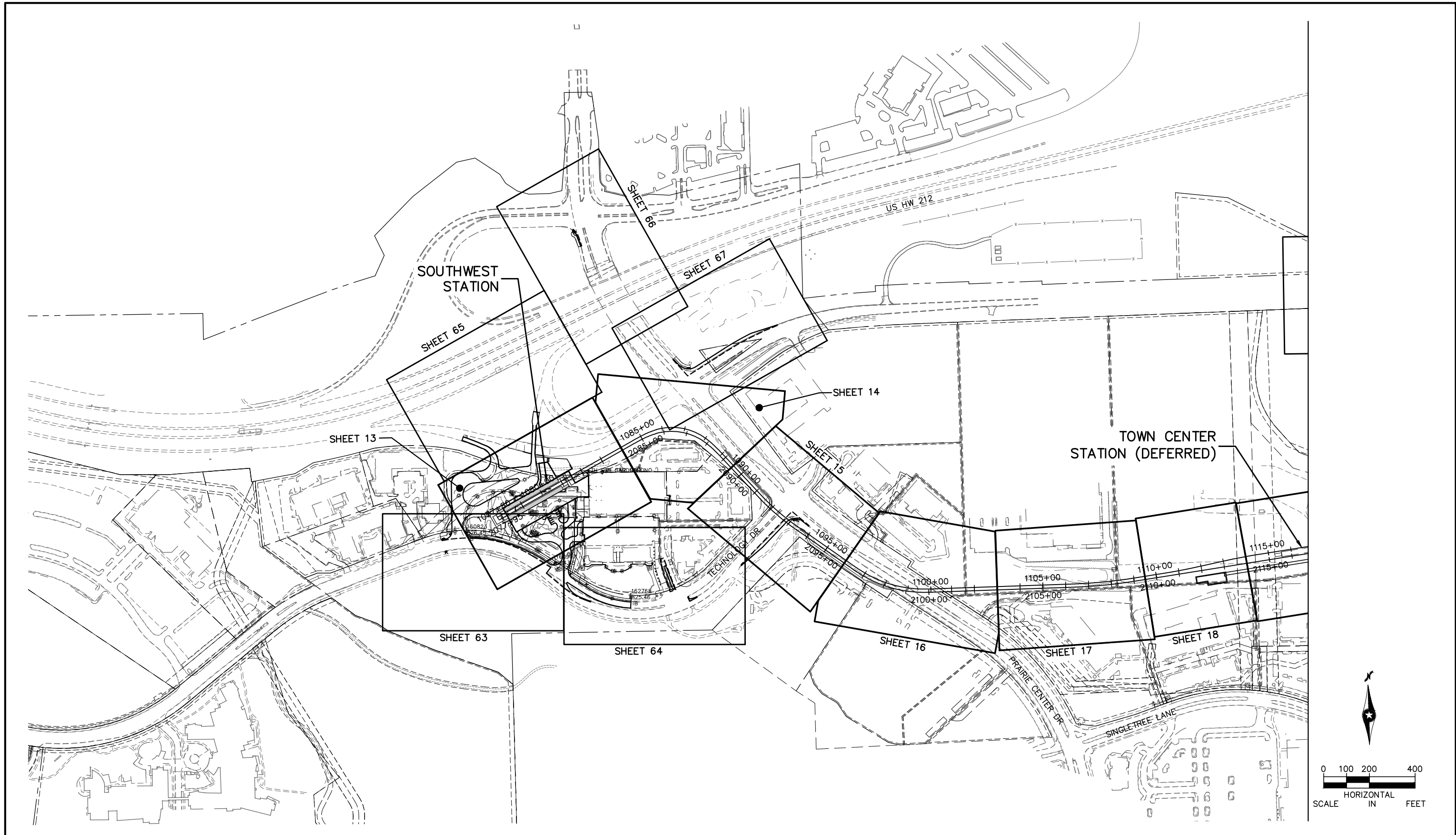
- | | | |
|-----|---|------------------------|
| 154 |  | SURVEY CONTROL STATION |
| |  | 1000 ST SOIL BORING |
| |  | 1200 SUE SUE |
| |  | 446 PZ PIEZOMETER |

LINETYPES

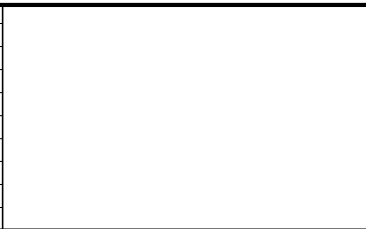
- | | |
|---|--------------------------------|
|  | OVERHEAD ELECTRIC |
|  | OVERHEAD ELECTRIC TRANSMISSION |
|  | UNDERGROUND ELECTRIC |
|  | UNDERGROUND TELEPHONE |
|  | OVERHEAD COMMUNICATION |
|  | UNDERGROUND COMMUNICATION |
|  | OVERHEAD CABLE TELEVISION |
|  | UNDERGROUND CABLE TELEVISION |
|  | UNDERGROUND FIBER OPTIC |
|  | UNDERGROUND FUEL |
|  | UNDERGROUND GAS |
|  | ABANDONED UTILITY |
|  | WATER |
|  | SANITARY SEWER |
|  | SANITARY FORCE MAIN |
|  | STORM SEWER |
|  | CURB AND GUTTER |
|  | FENCE |
|  | GUARDRAIL |
|  | WALK |
|  | BUILDING |
|  | RIGHT-OF-WAY |
|  | PROPERTY LINE |
|  | CENTERLINE OF RAIL |
|  | CENTERLINE OF TRAIL |
|  | VEGETATION |
|  | WATER BODY |

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL	   		CIVIL WEST - VOLUME 1 GENERAL EXISTING CONDITIONS NOTES, ABBREVIATIONS & SYMBOLS		SHEET 6 OF 96
						60% SUBMISSION - 9/28/15		DISCIPLINE: SURVEY SHEET NAME: W0-SUR-NTS-000		

Sep. 24 2015 12:18 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-LAY.dwg By: areinisch



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CIVIL WEST - VOLUME 1

GENERAL

SURVEY PLAN SHEET LAYOUT

SHEET 7

DISCIPLINE: SURVEY

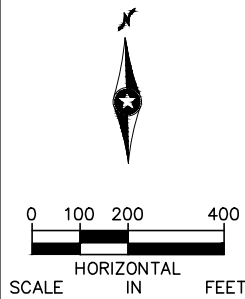
SHEET NAME: W1-SUR-LAY-001

SHEET 7

OF

96

Sep. 24 2015 12:18 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-LAY.dwg By: areinisch



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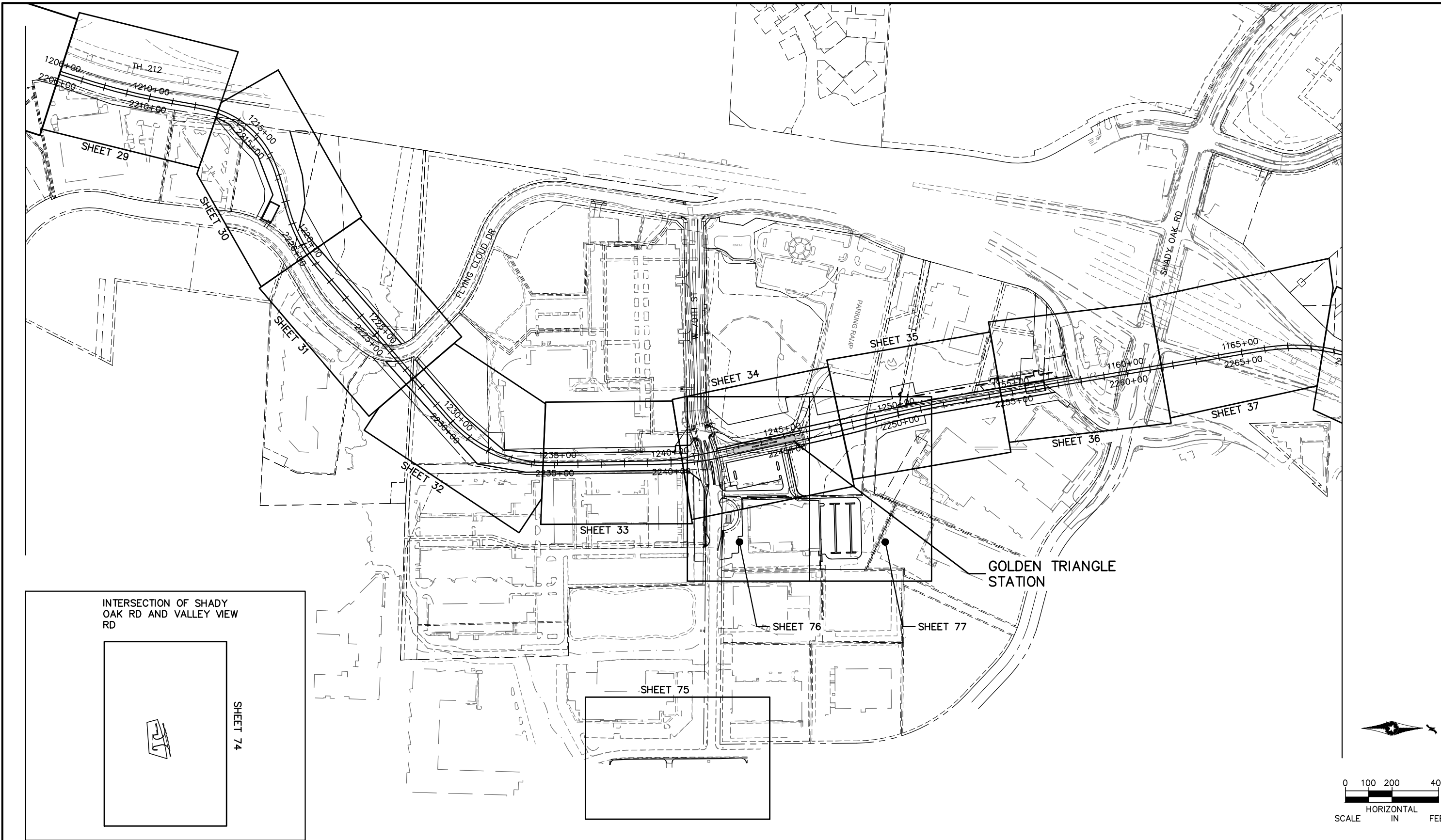
60% SUBMISSION - 9/28/15



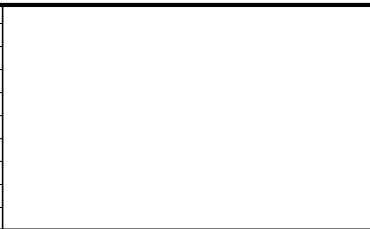
CIVIL WEST - VOLUME 1
GENERAL
SURVEY PLAN SHEET LAYOUT
SHEET 8

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-LAY-002

Sep. 21 2015 11:14 am v:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-LAY.dwg By: areinisch



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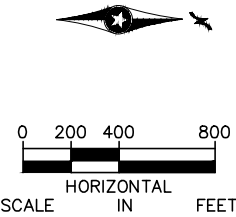
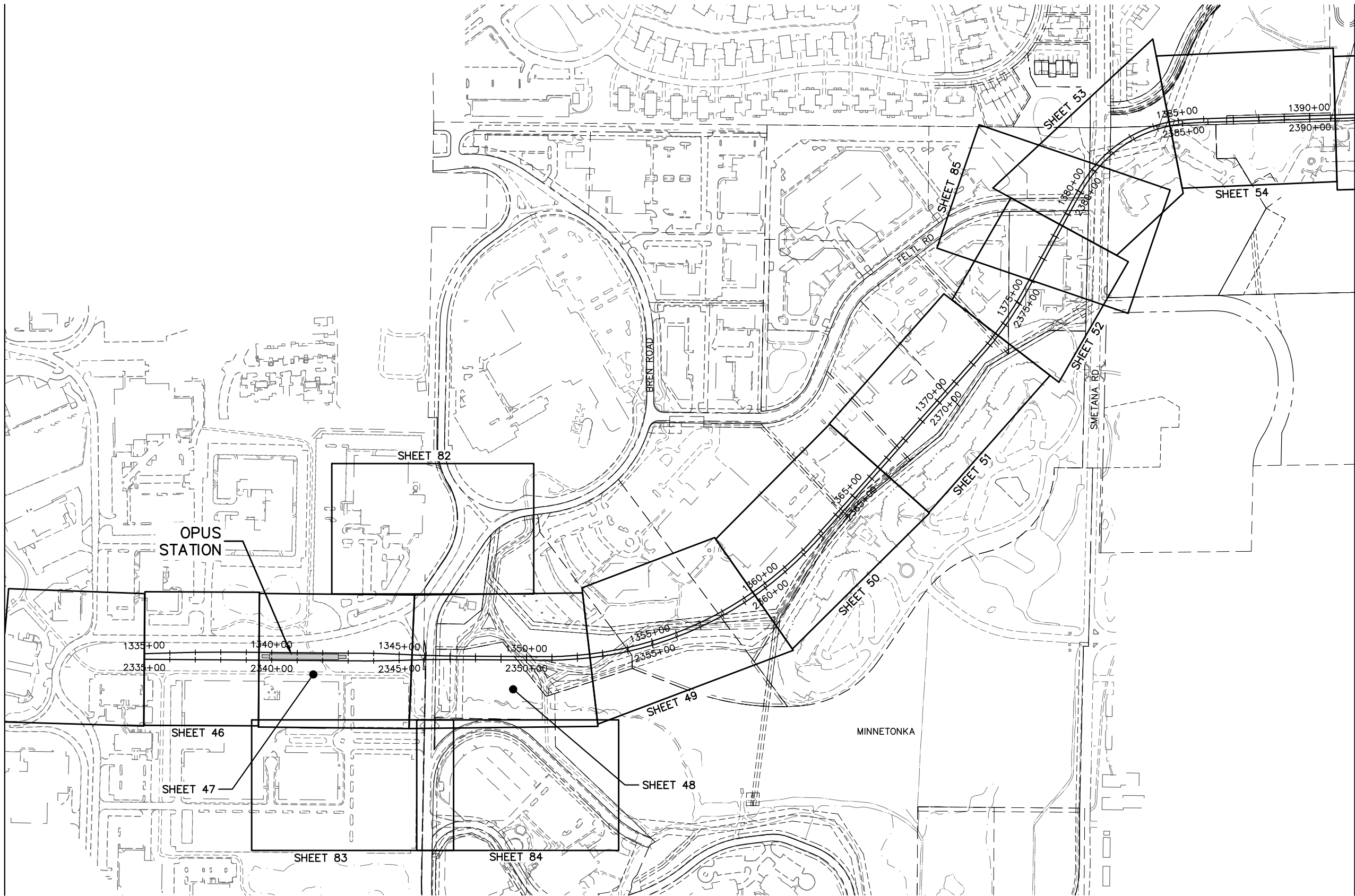
60% SUBMISSION - 9/28/15

CIVIL WEST - VOLUME 1
GENERAL
SURVEY PLAN SHEET LAYOUT
SHEET 9

DISCIPLINE: SURVEY

SHEET NAME: W2-SUR-LAY-003

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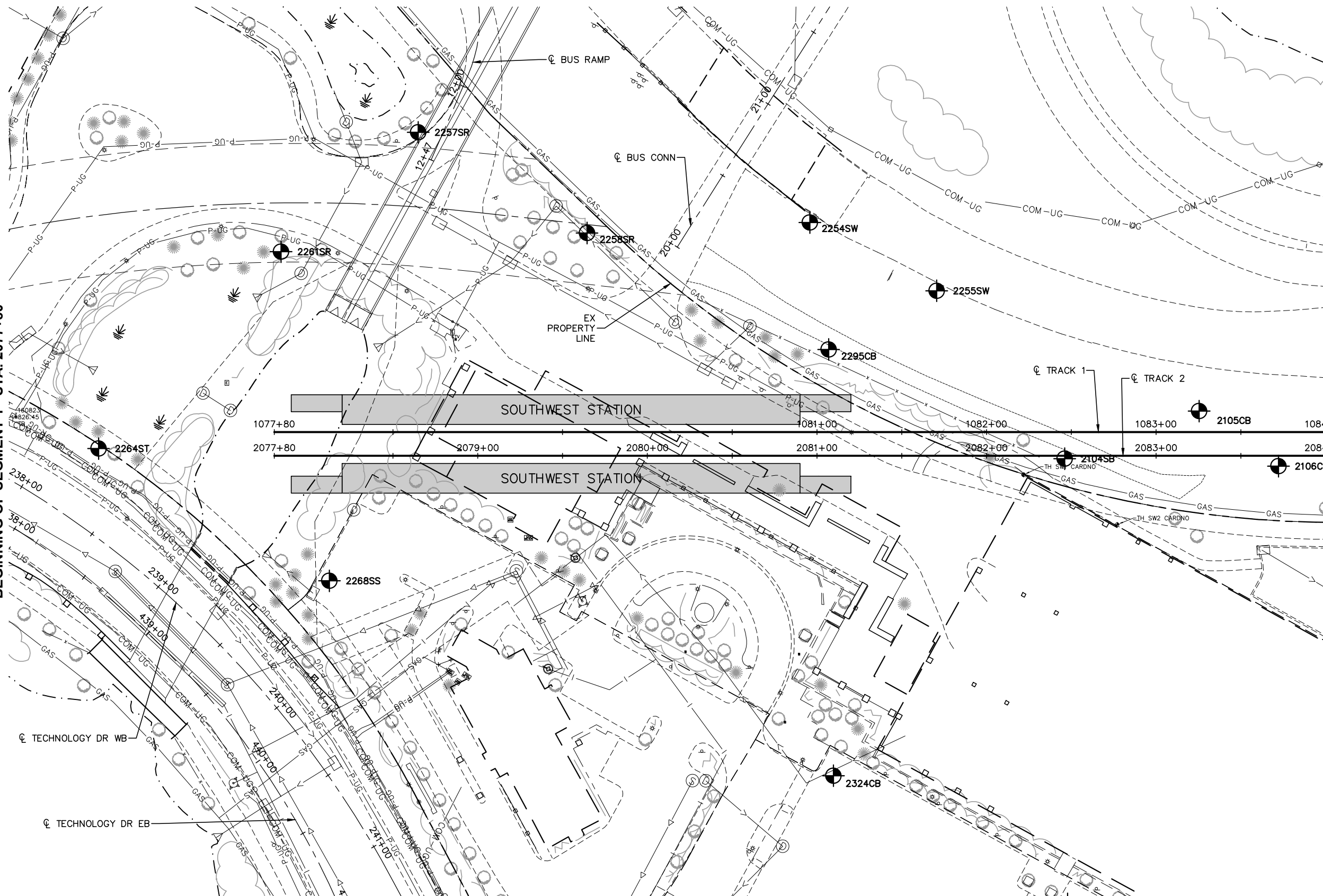
CIVIL WEST - VOLUME 1
GENERAL
SURVEY PLAN SHEET LAYOUT
SHEET 11

DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-LAY-005

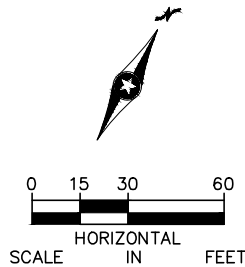
SHEET
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BEGINNING OF SEGMENT 1 - STA. 2077+80



MATCH LINE - STA. 2084+00



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CIVIL WEST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA. 2077+80 TO STA. 2084+00

DISCIPLINE: SURVEY

SHEET NAME: W1-SUR-PLN-001

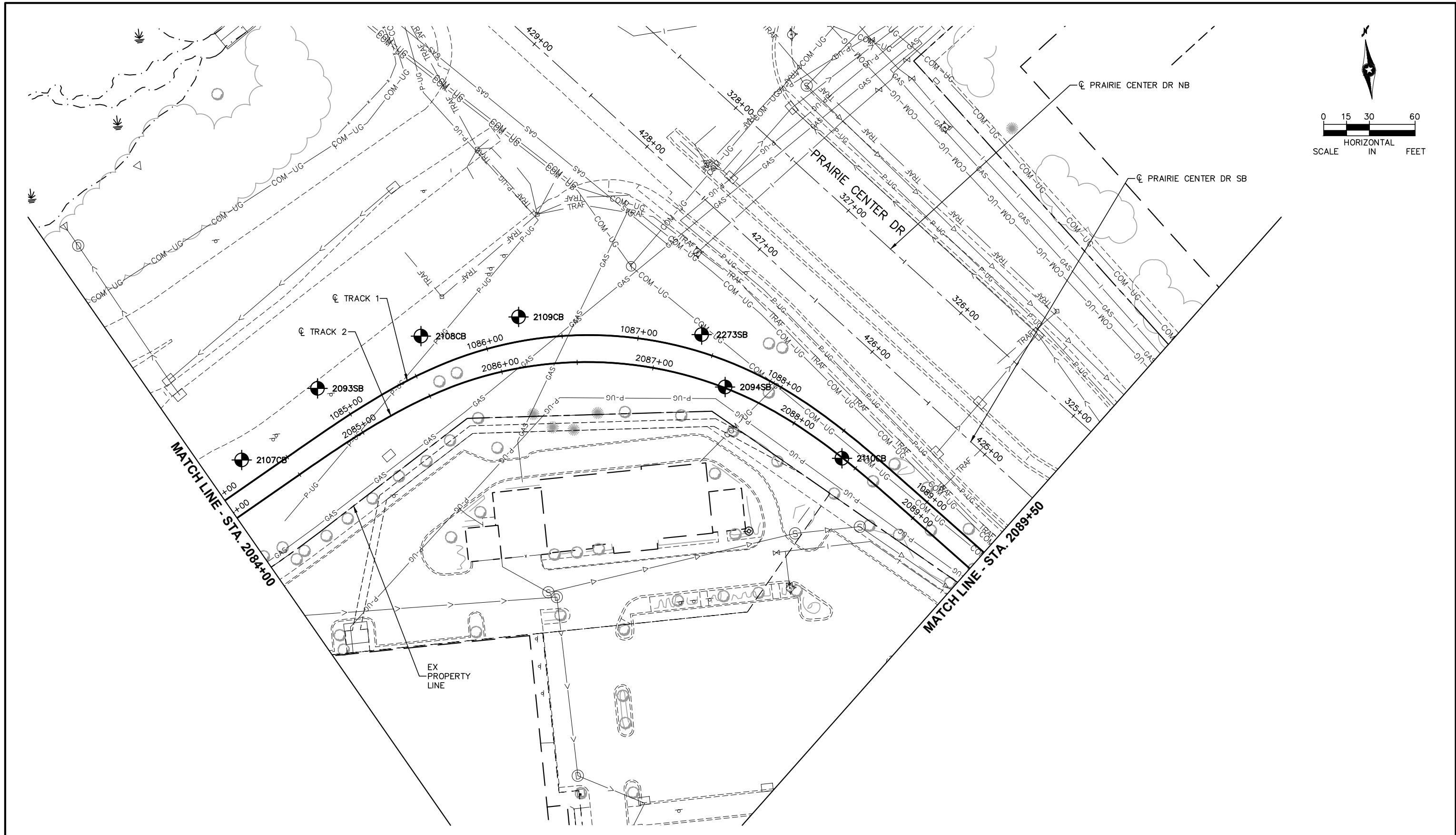
SHEET

13

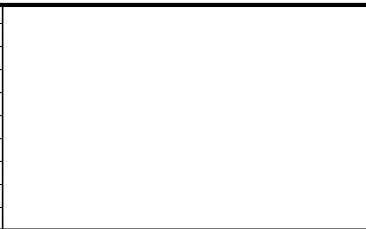
OF

96

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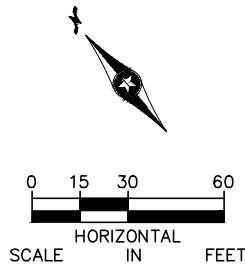
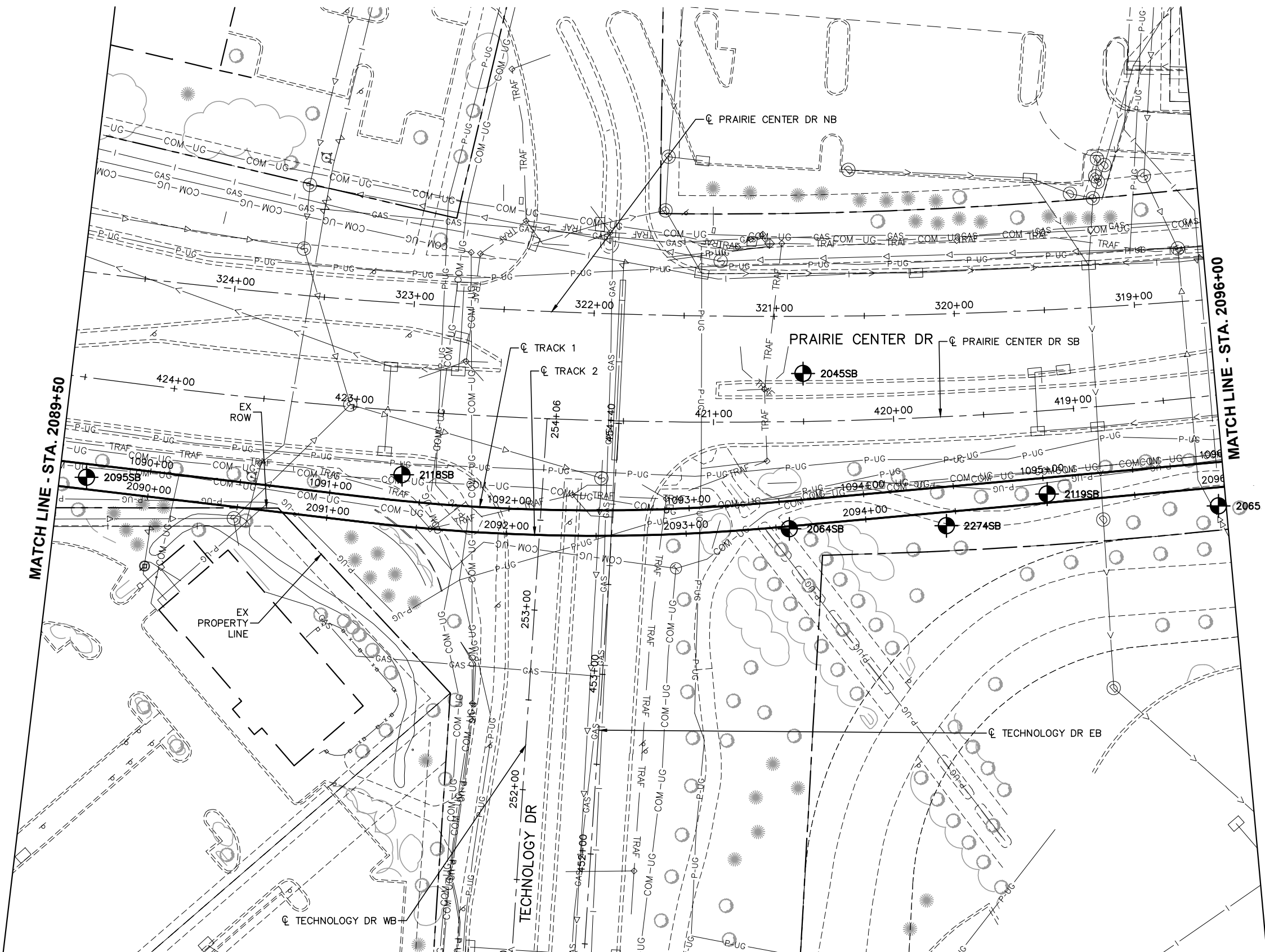


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2084+00 TO STA. 2089+50

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-002

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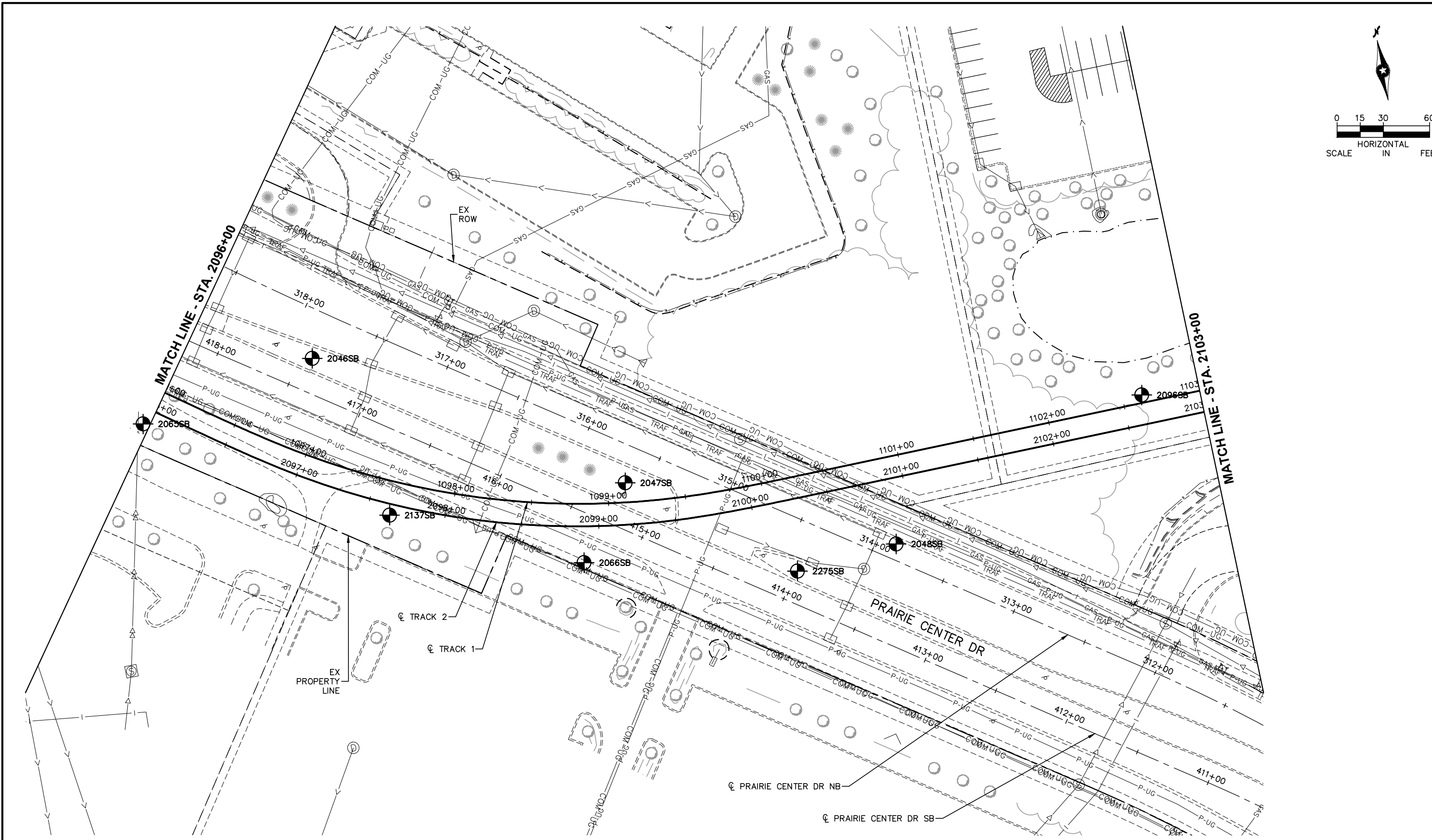


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2089+50 TO STA. 2096+00

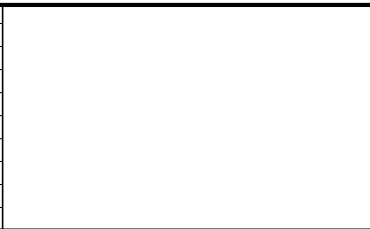
DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-003

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OF
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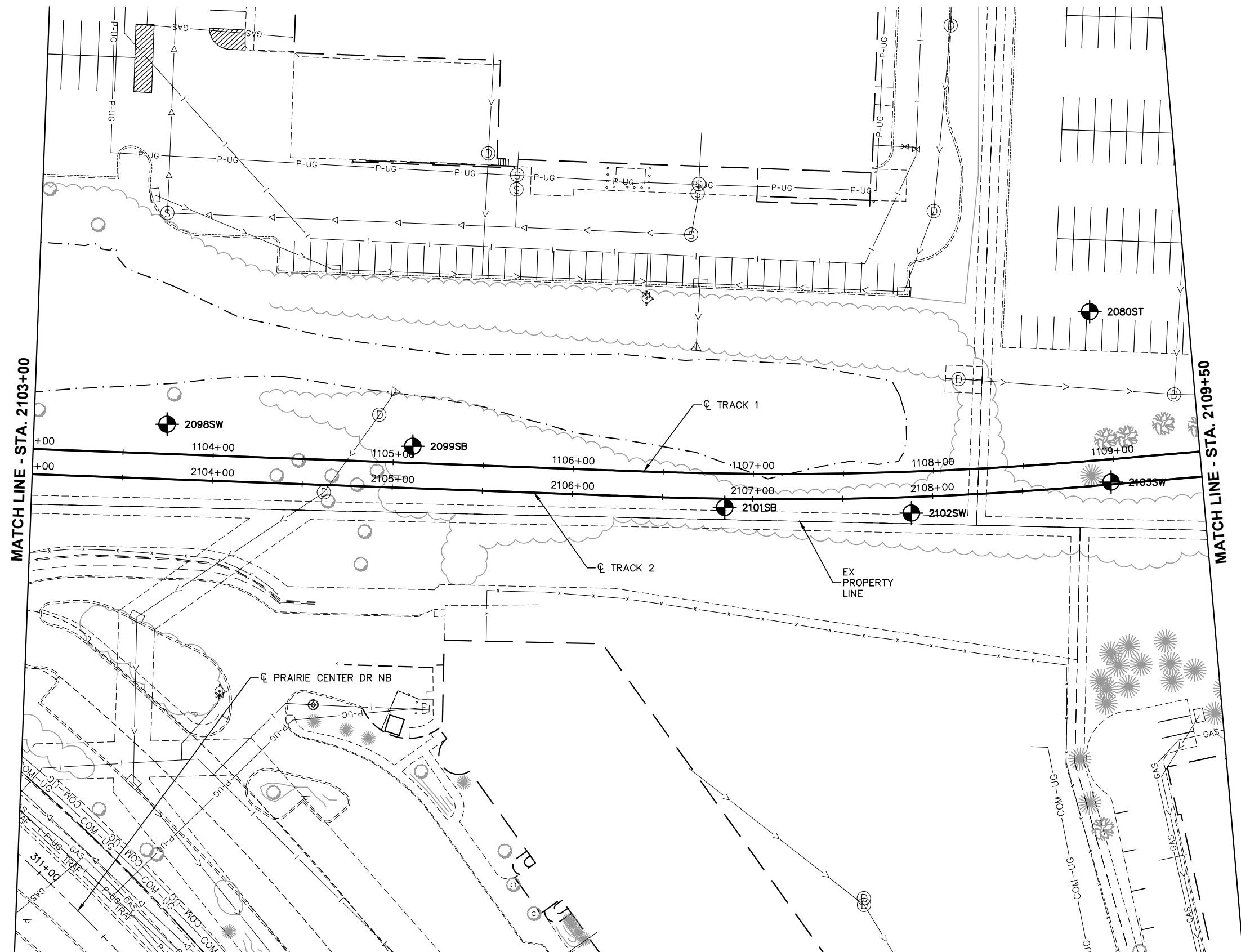
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CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2096+00 TO STA. 2103+00

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-004

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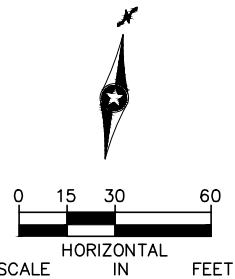
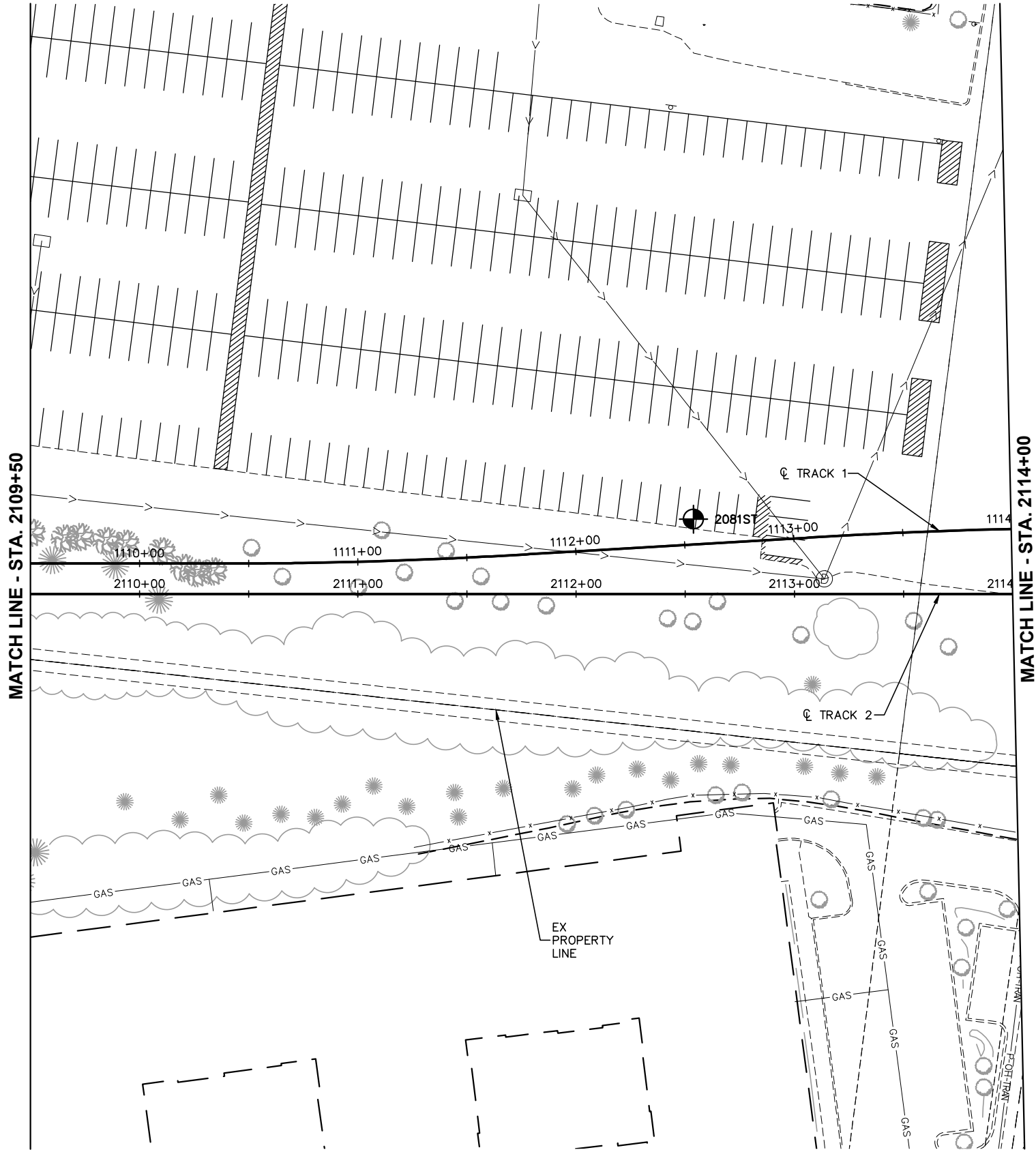
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2103+00 TO STA. 2109+50

DISCIPLINE:
SURVEY

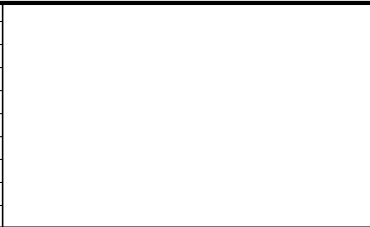
SHEET NAME:
W1-SUR-PLN-005

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OF
96

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CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2109+50 TO STA. 2114+00

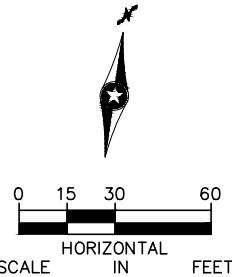
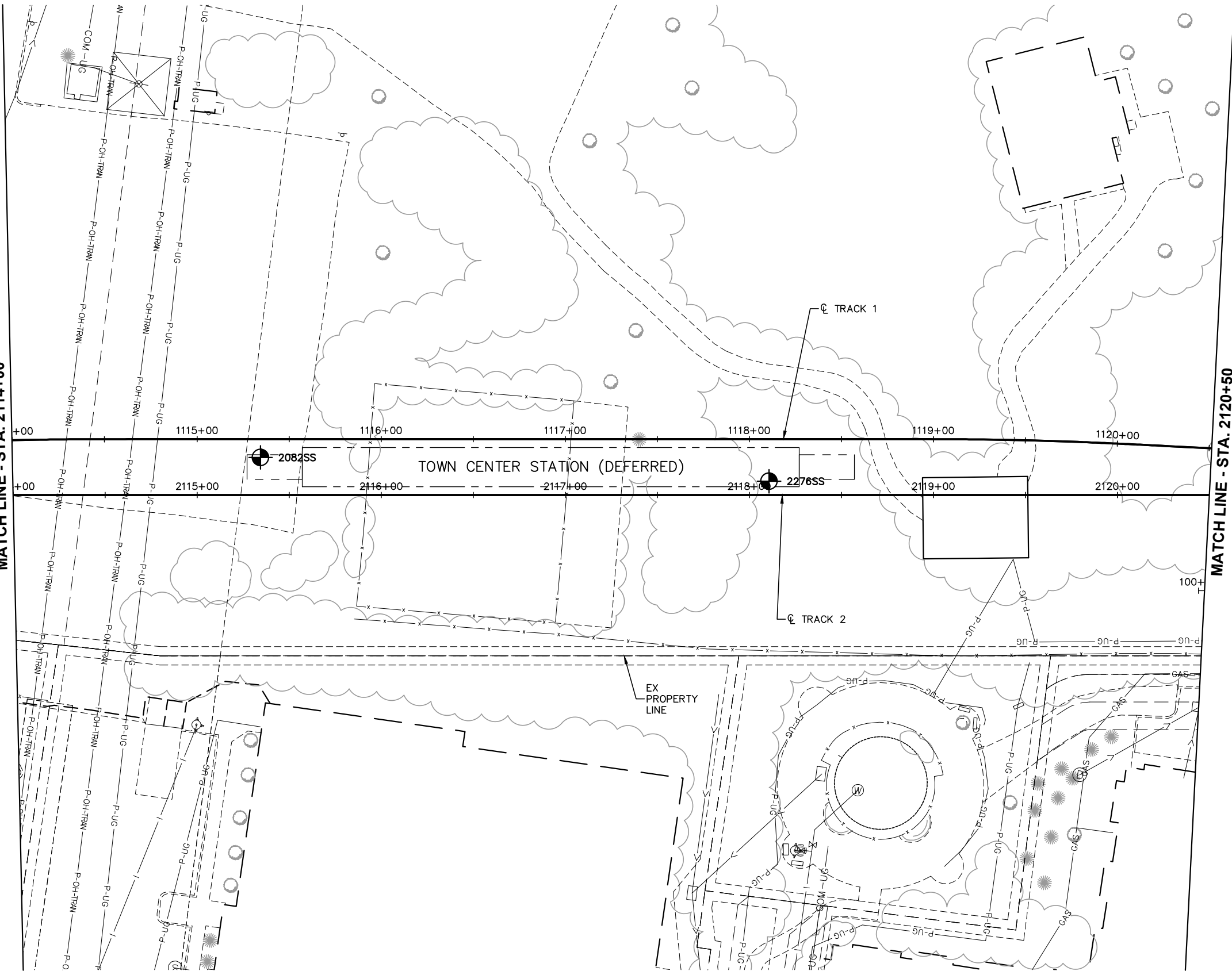
DISCIPLINE: SURVEY

SHEET NAME: W1-SUR-PLN-006

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MATCH LINE - STA. 2114+00



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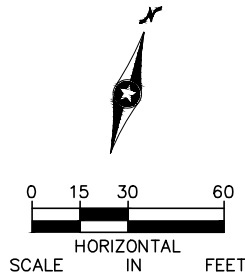


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2114+00 TO STA. 2120+50

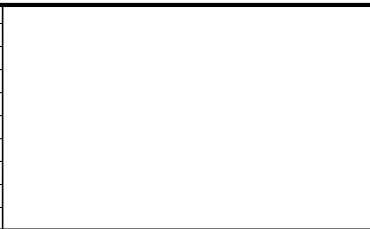
DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-007

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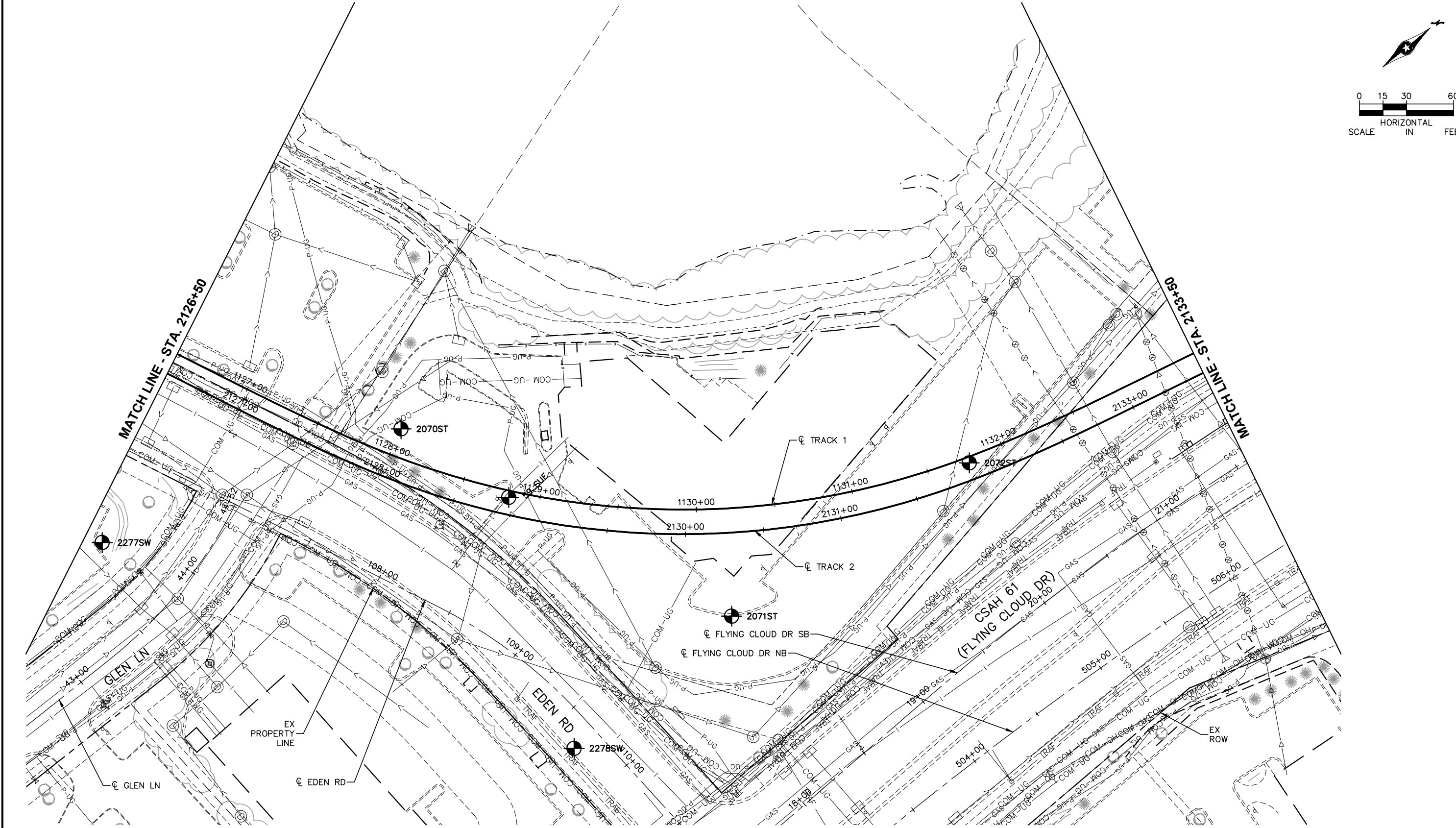


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2120+50 TO STA. 2126+50

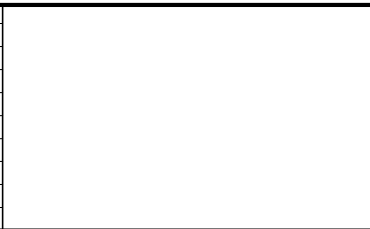
DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-008

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OF
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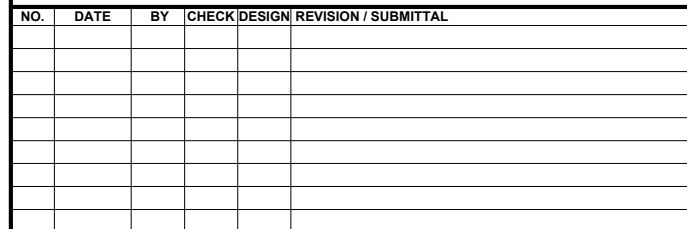
60% SUBMISSION - 9/28/15



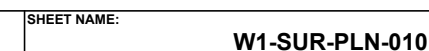
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2126+50 TO STA. 2133+50

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-009

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OF
96

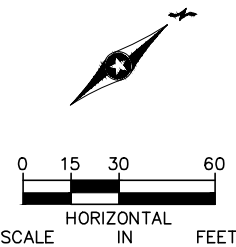
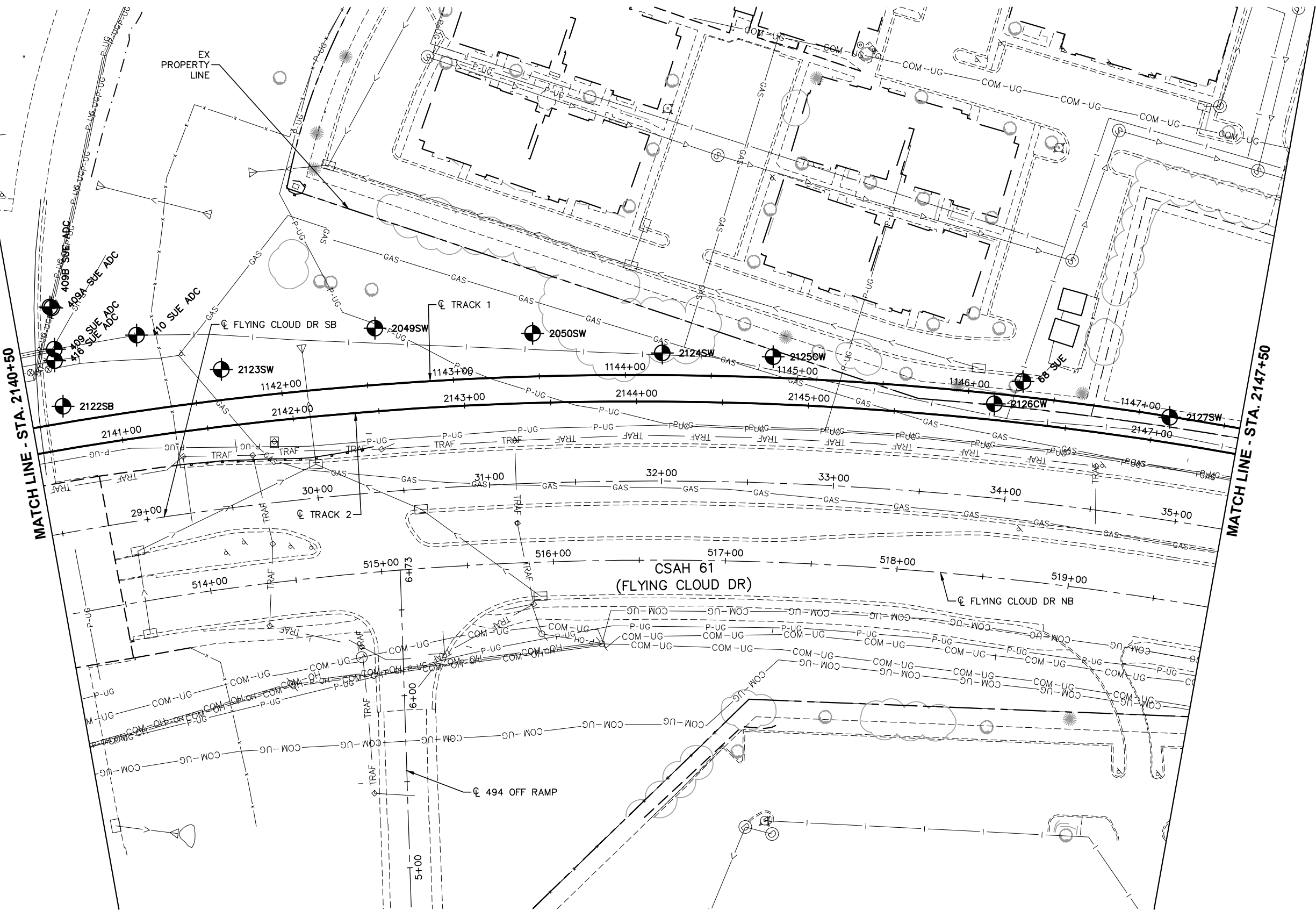


METROPOLITAN
COUNCIL



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	OF
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AECOM

RANI
engineering

60% SUBMISSION - 9/28/15

**METROPOLITAN**
COUNCIL

**SOUTHWEST**
Green Line LRT Extension

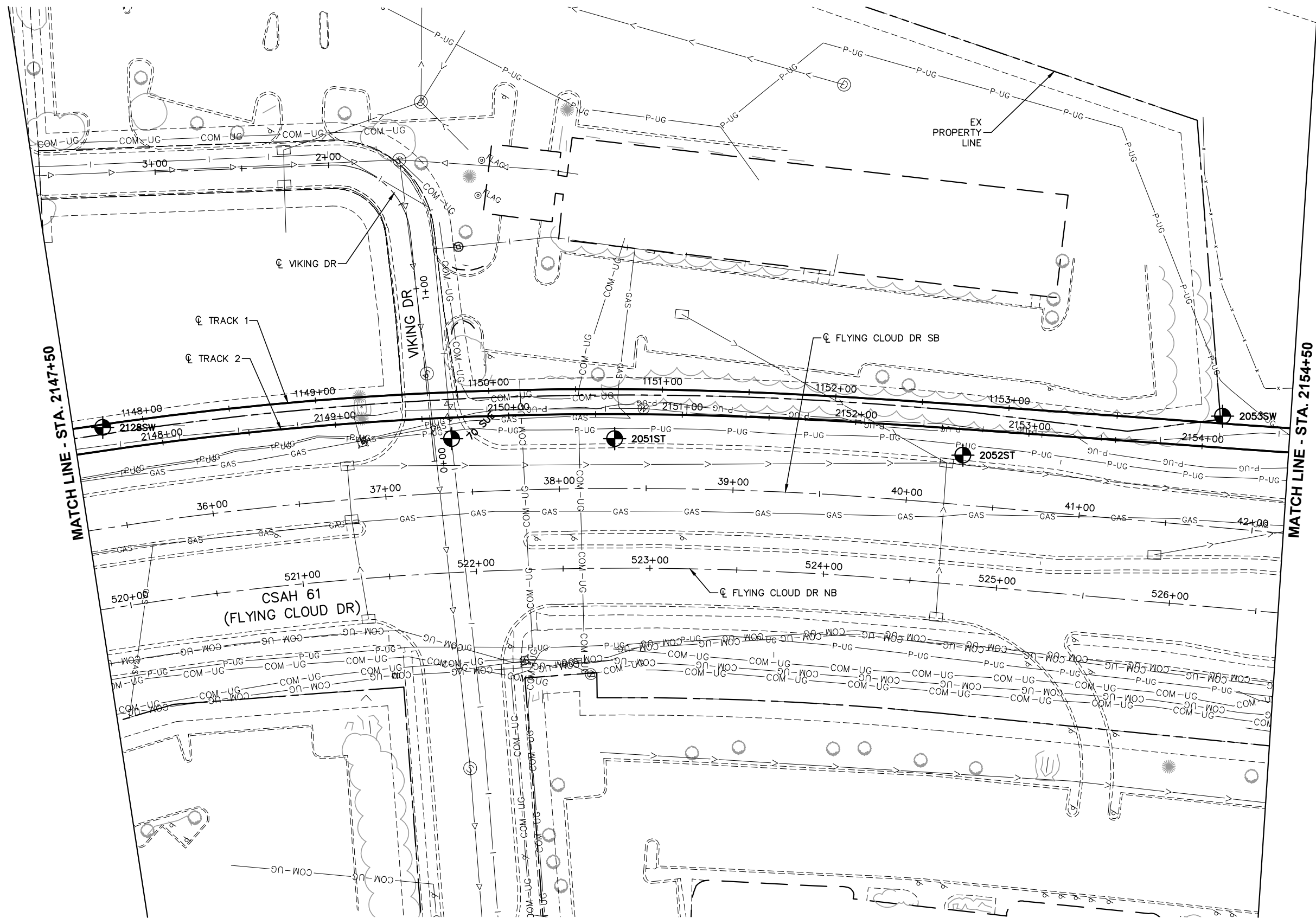
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2140+50 TO STA. 2147+50

DISCIPLINE:
SURVEY

SHEET NAME:
W1-SUR-PLN-011

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OF
96

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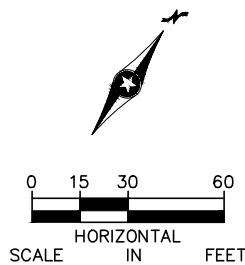
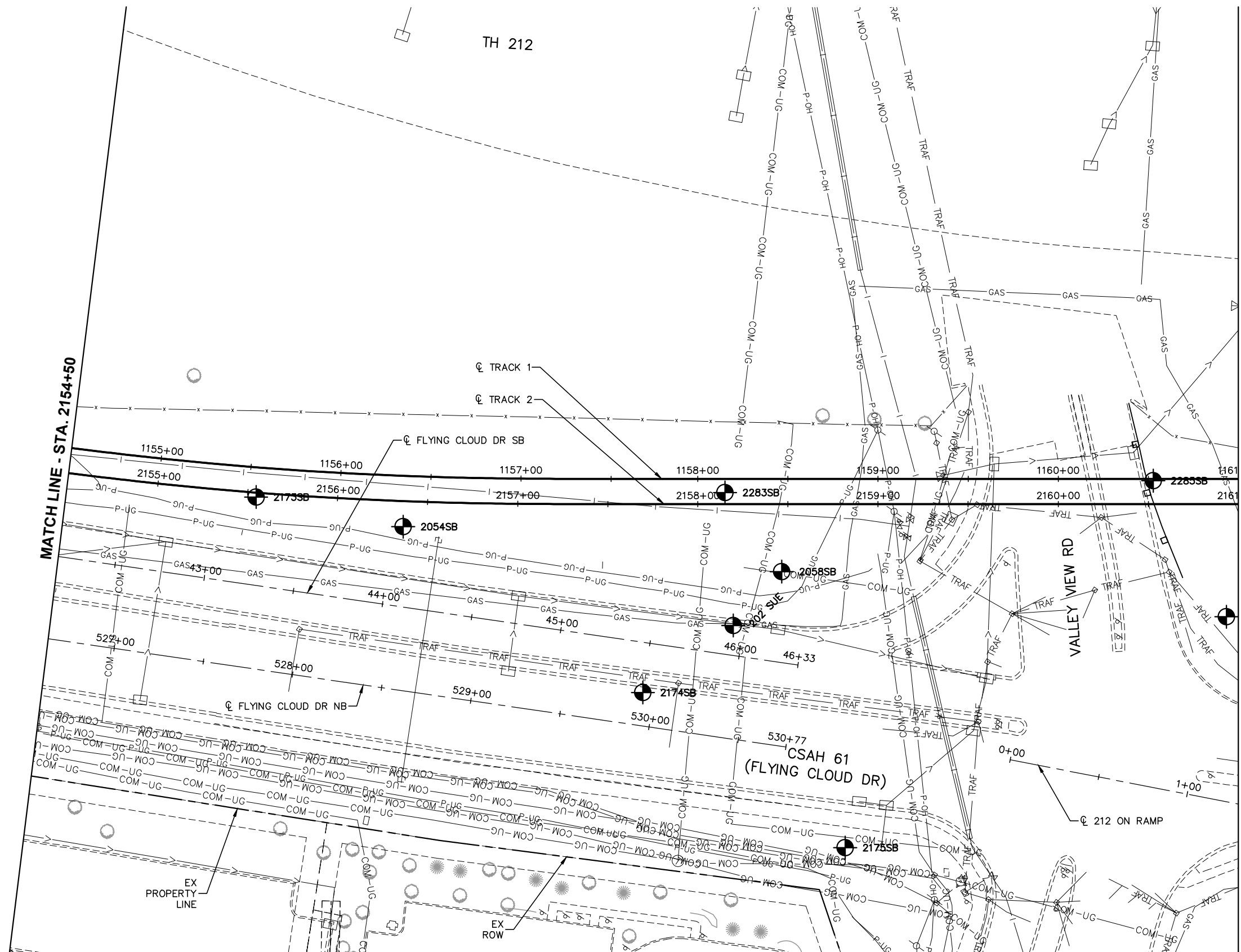
60% SUBMISSION - 9/28/15



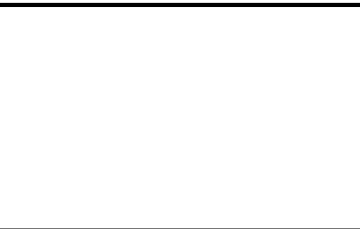
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2147+50 TO STA. 2154+50

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-012

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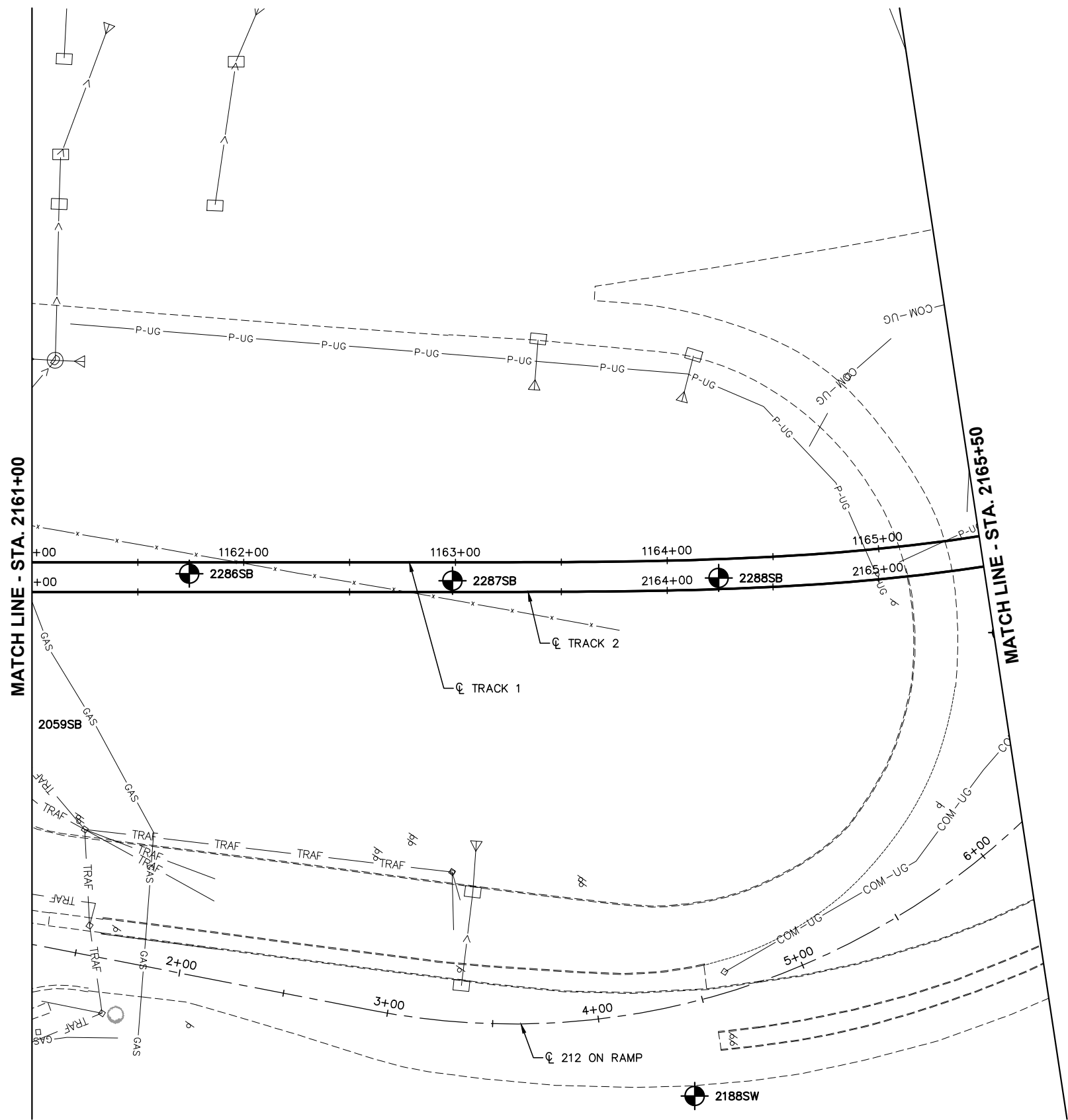


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2154+50 TO STA. 2161+00

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-013

SHEET
25
OF
96

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AECOM

RANI
engineering

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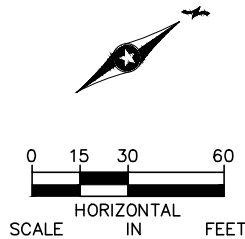
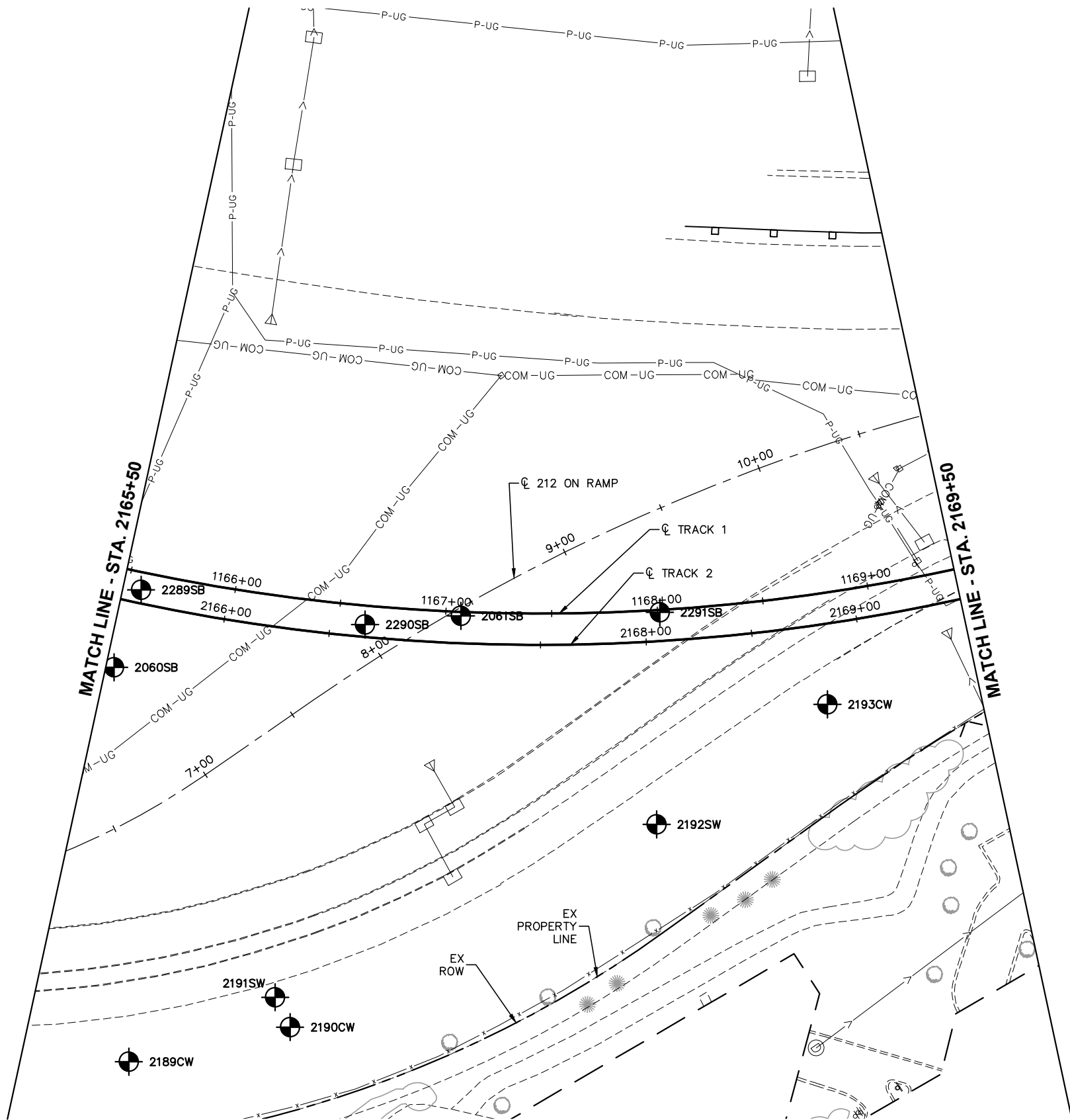
**METROPOLITAN**
COUNCIL

**SOUTHWEST**
Green Line LRT Extension

CIVIL WEST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA. 2161+00 TO STA. 2165+50	
DISCIPLINE: SURVEY	SHEET NAME: W1-SUR-PLN-014

SHEET
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OF
96

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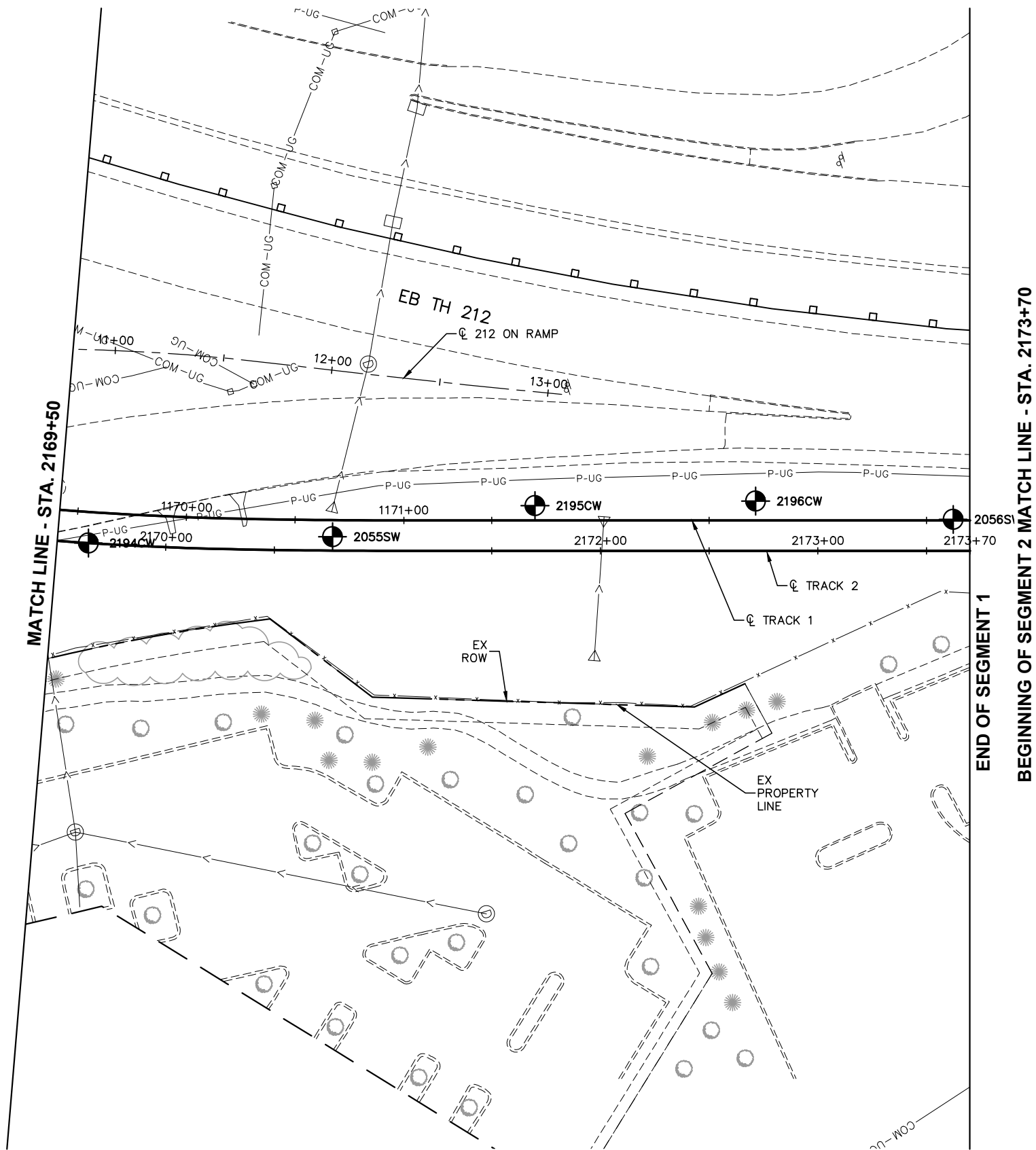
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CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2165+50 TO STA. 2169+50

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-015

SHEET
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OF
96

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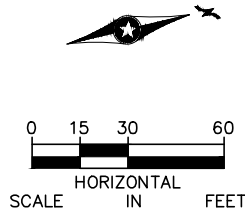
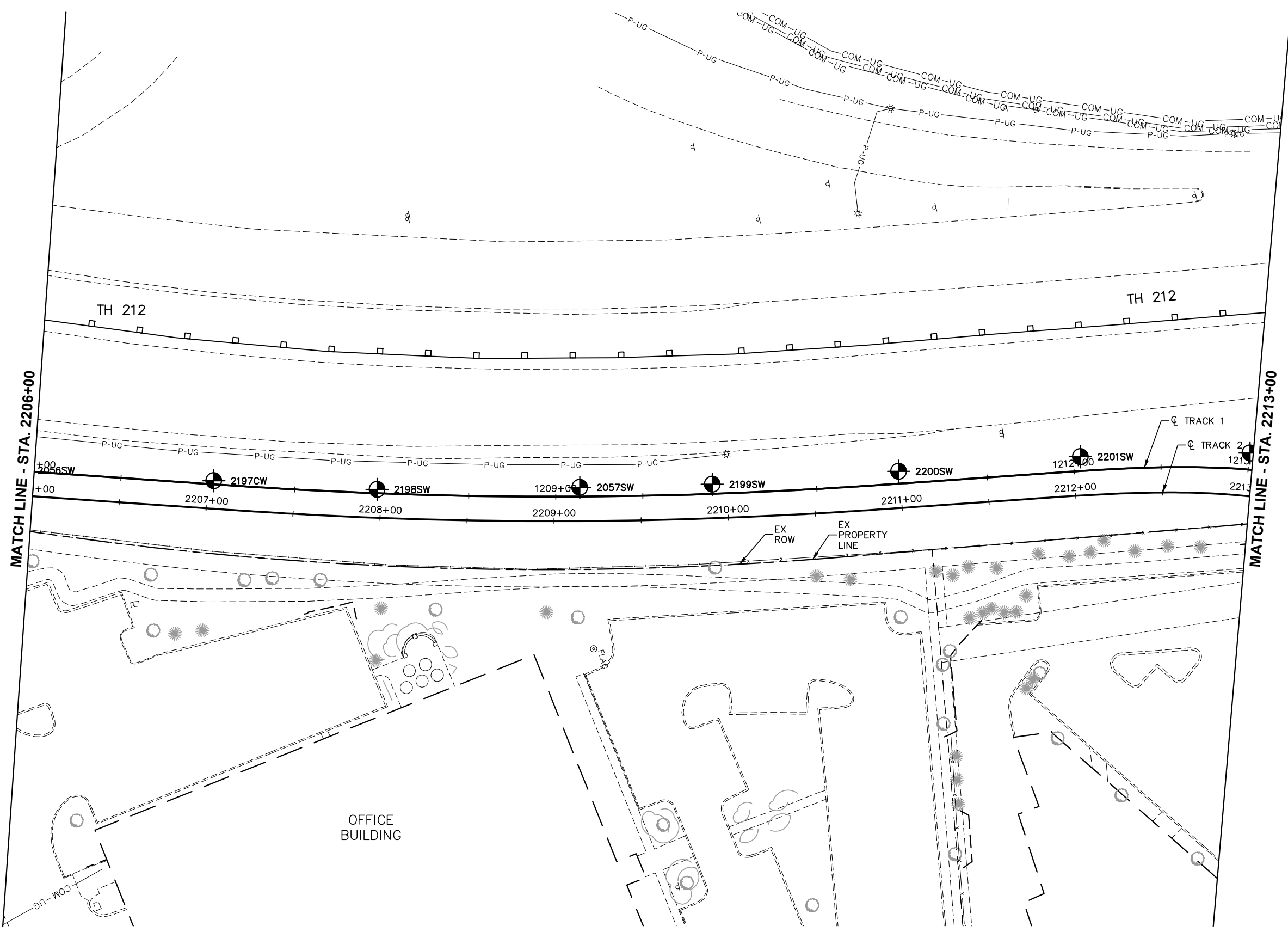
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2169+50 TO STA. 2173+70

DISCIPLINE:
SURVEY

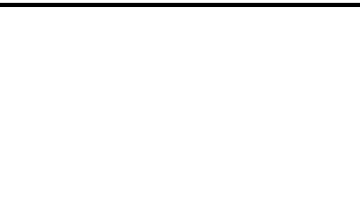
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W1-SUR-PLN-016

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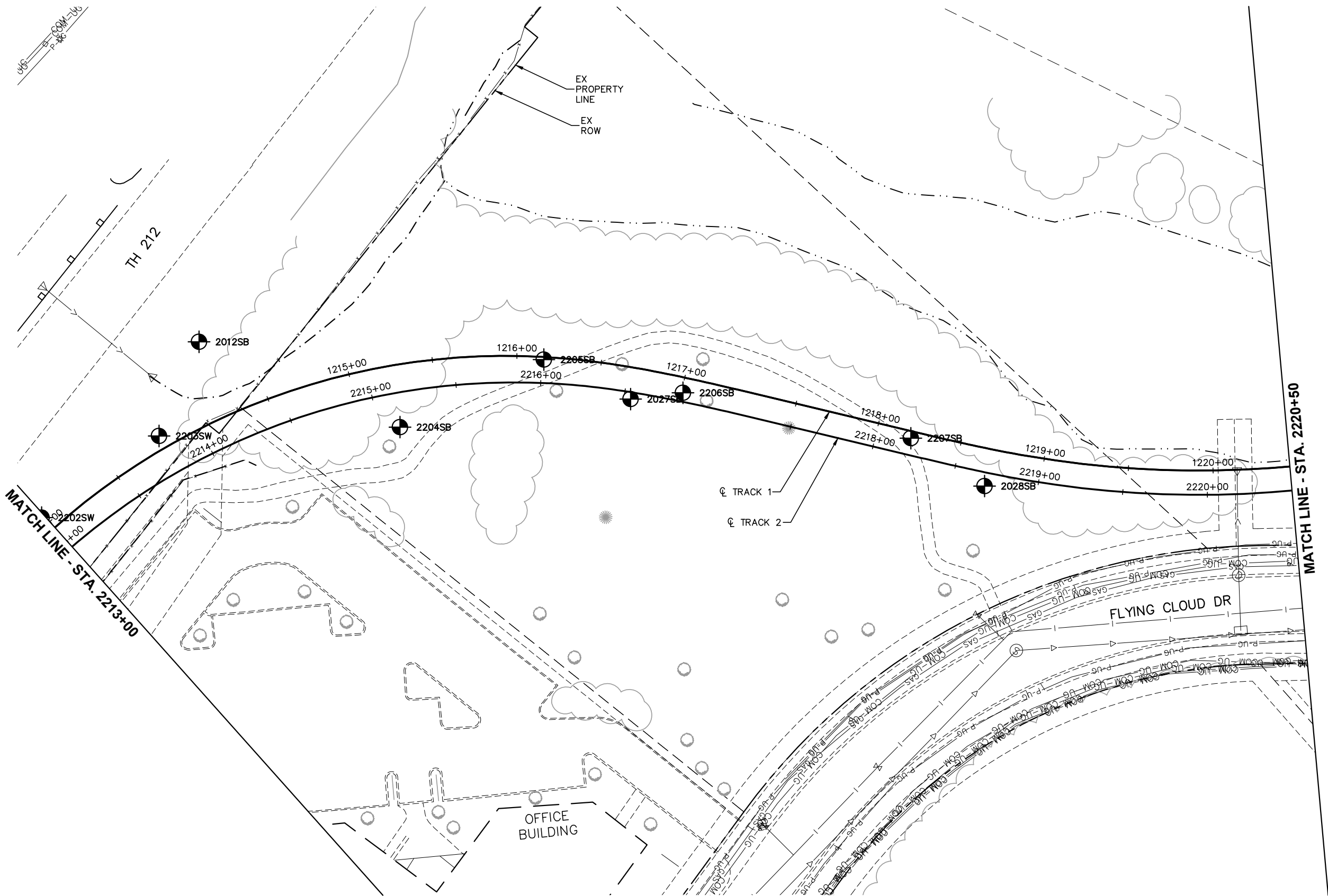


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2206+00 TO STA. 2213+00

DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-017

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OF
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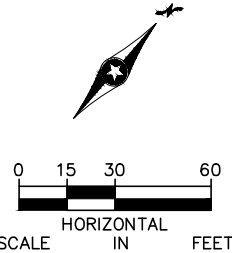
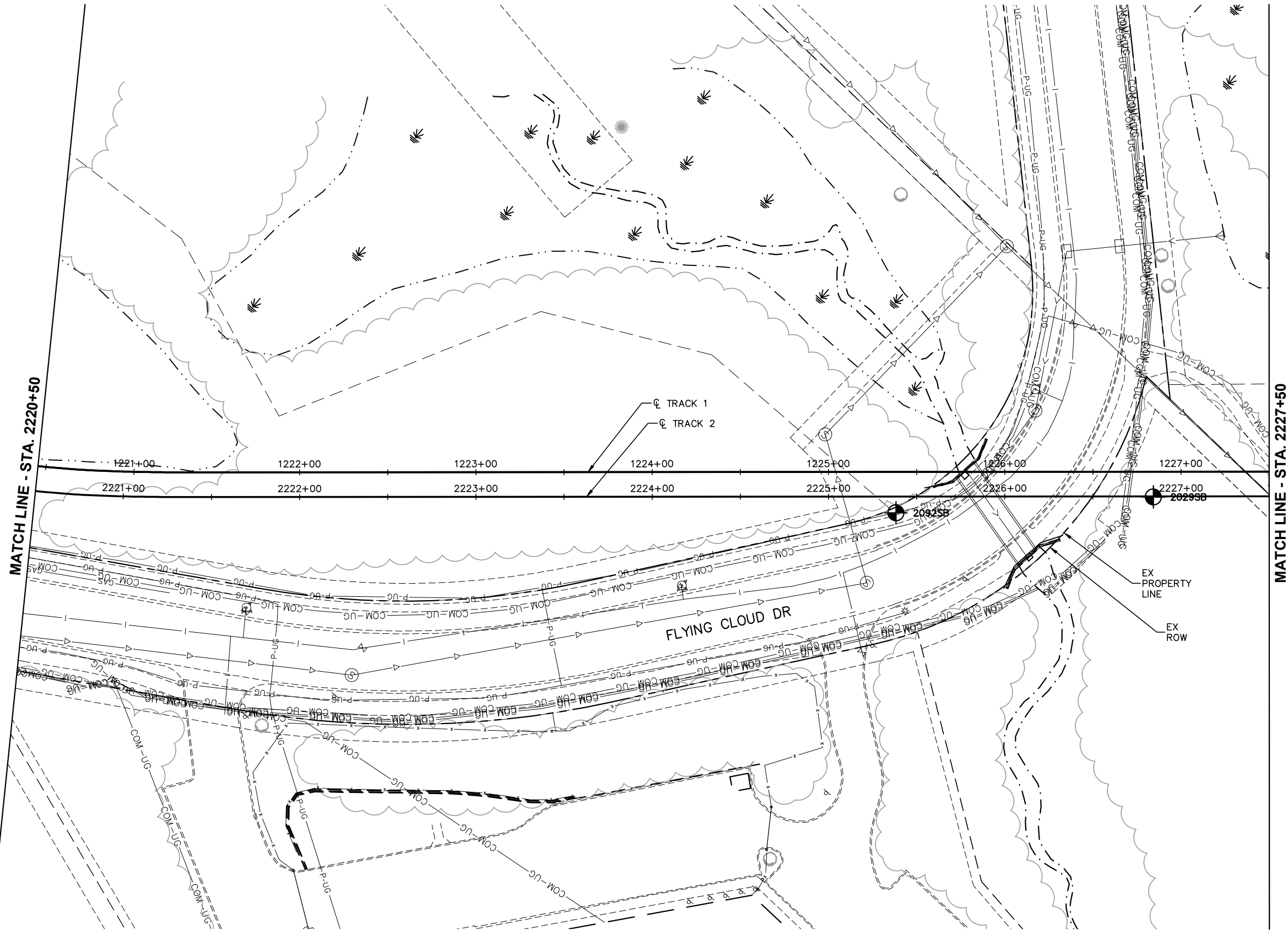
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2213+00 TO STA. 2220+50

DISCIPLINE:
SURVEY

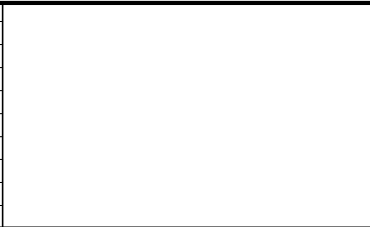
SHEET NAME:
W2-SUR-PLN-018

SHEET
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OF
96

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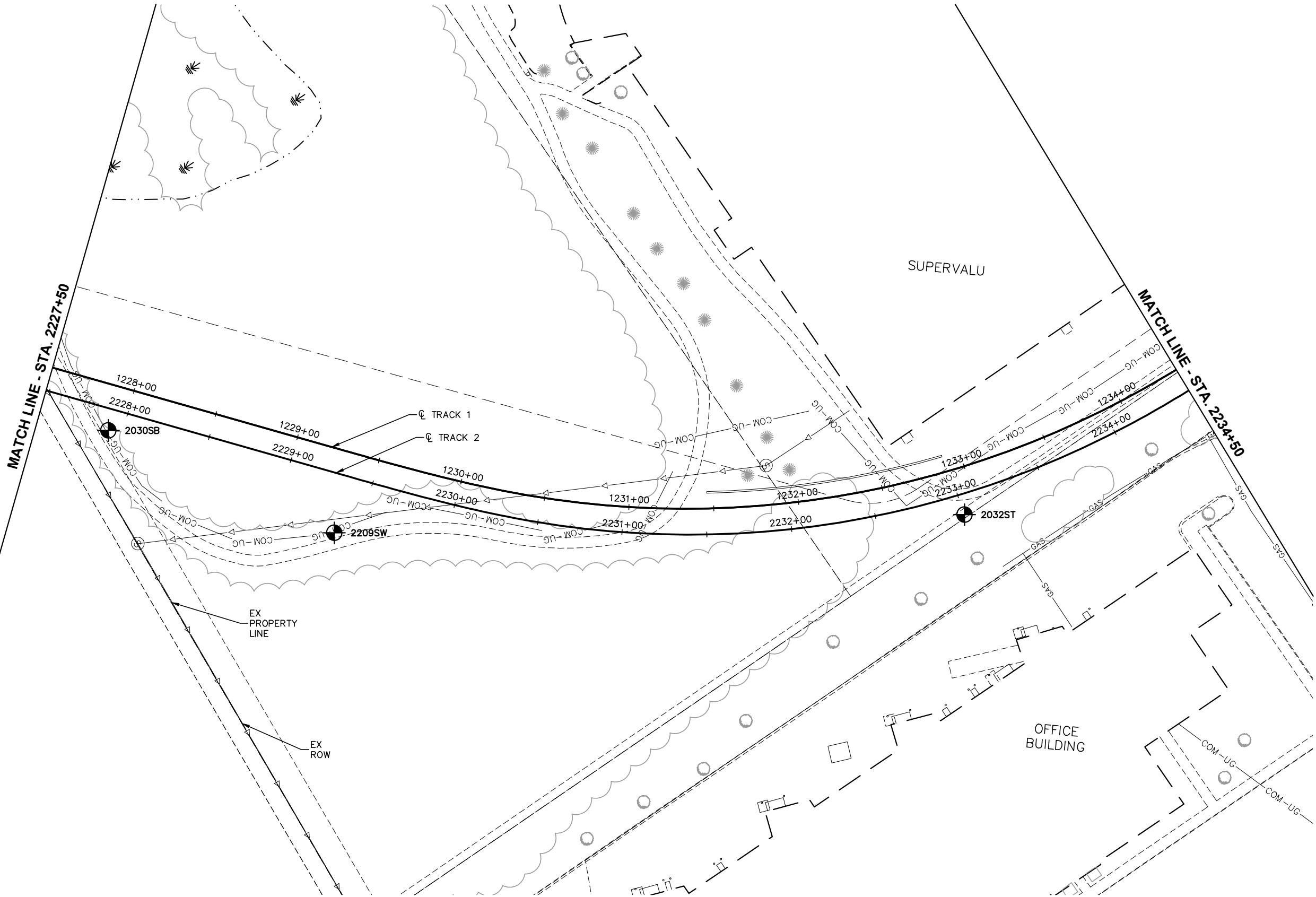
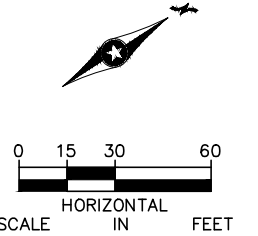
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2220+50 TO STA. 2227+50

DISCIPLINE:
SURVEY

SHEET NAME:
W2-SUR-PLN-019

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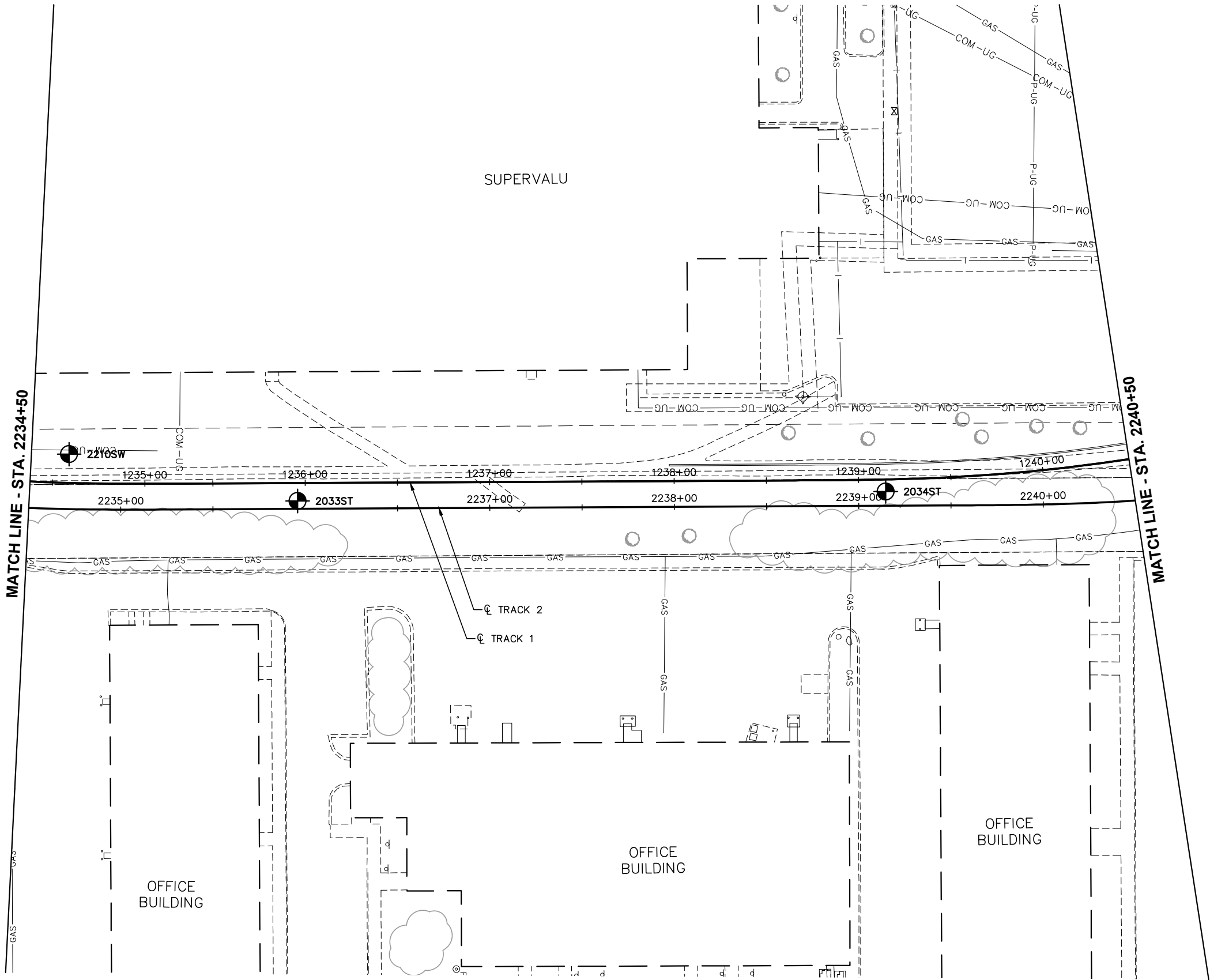
60% SUBMISSION - 9/28/15

CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2227+50 TO STA. 2234+50

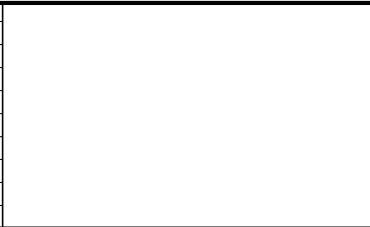
DISCIPLINE:
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SHEET NAME:
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60% SUBMISSION - 9/28/15

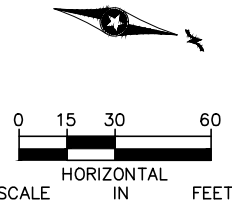
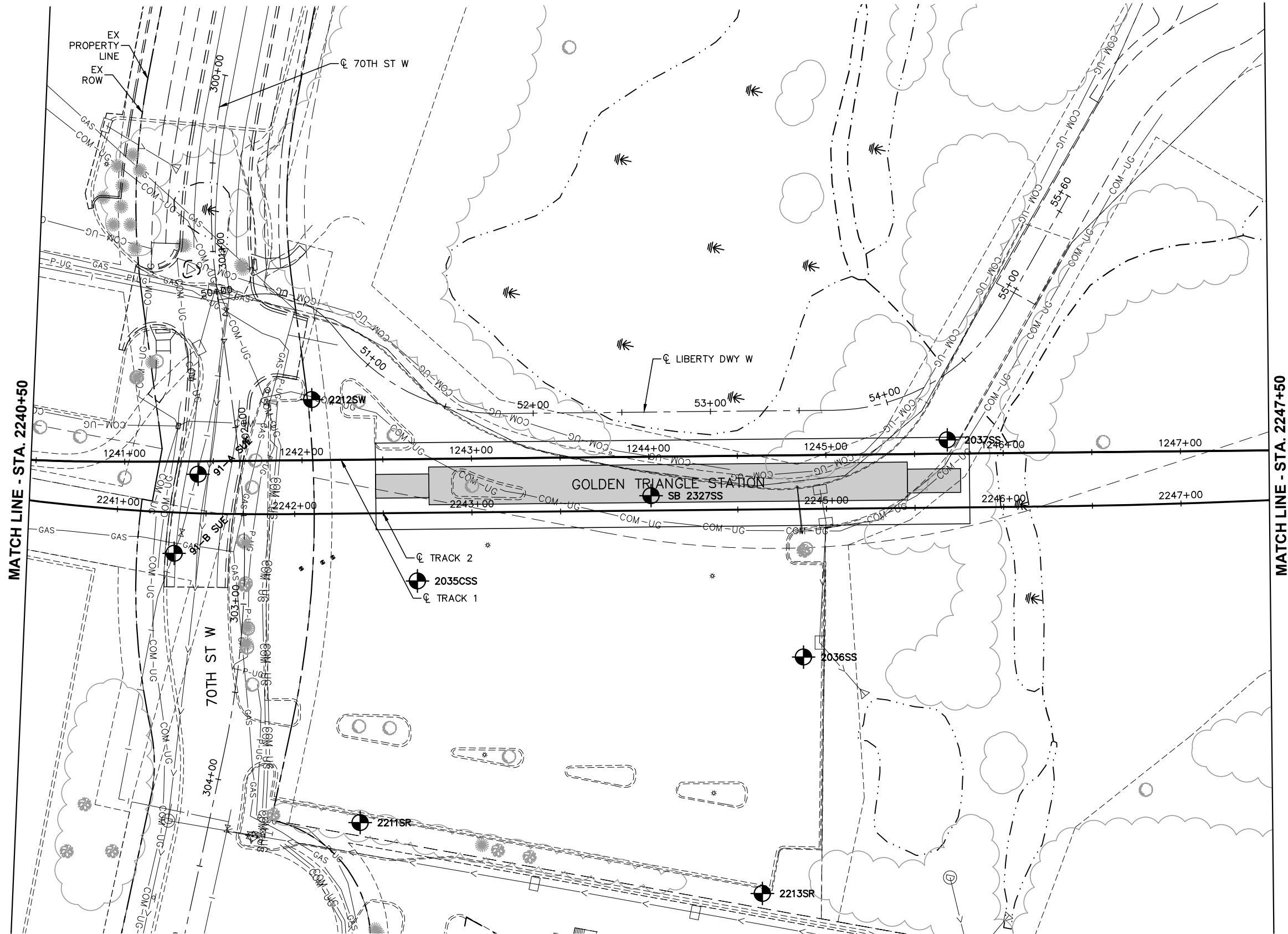


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2234+50 TO STA. 2240+50

DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-021

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

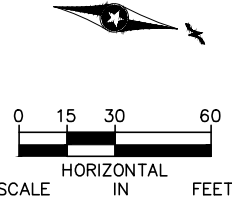
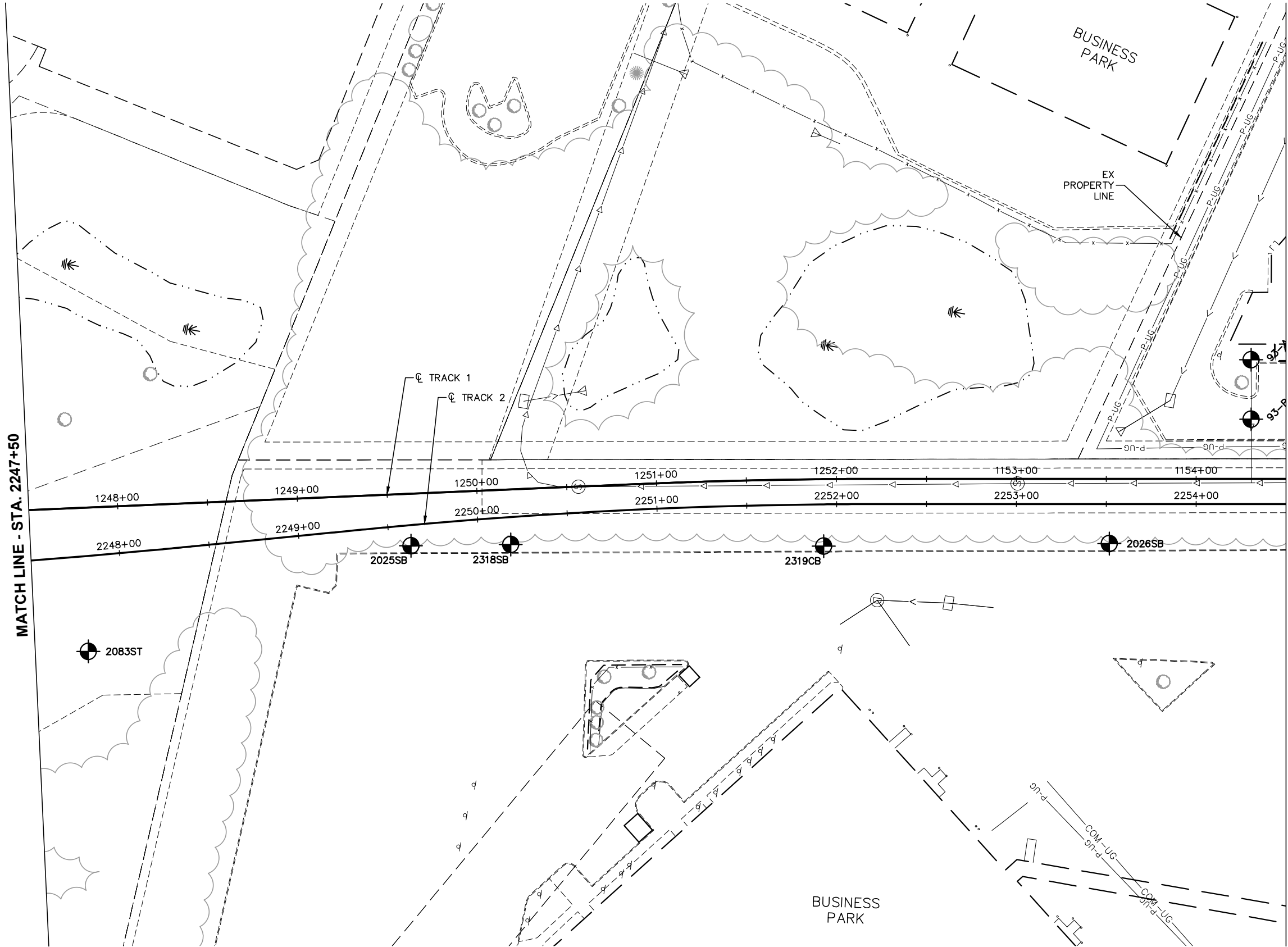




60% SUBMISSION - 9/28/15

CIVIL WEST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA. 2240+50 TO STA. 2247+50		SHEET 34 OF 96
DISCIPLINE: SURVEY	SHEET NAME: W2-SUR-PLN-022	

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CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2247+50 TO STA. 2254+50

DISCIPLINE:
SURVEY

SHEET NAME:
W2-SUR-PLN-023

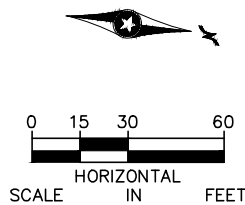
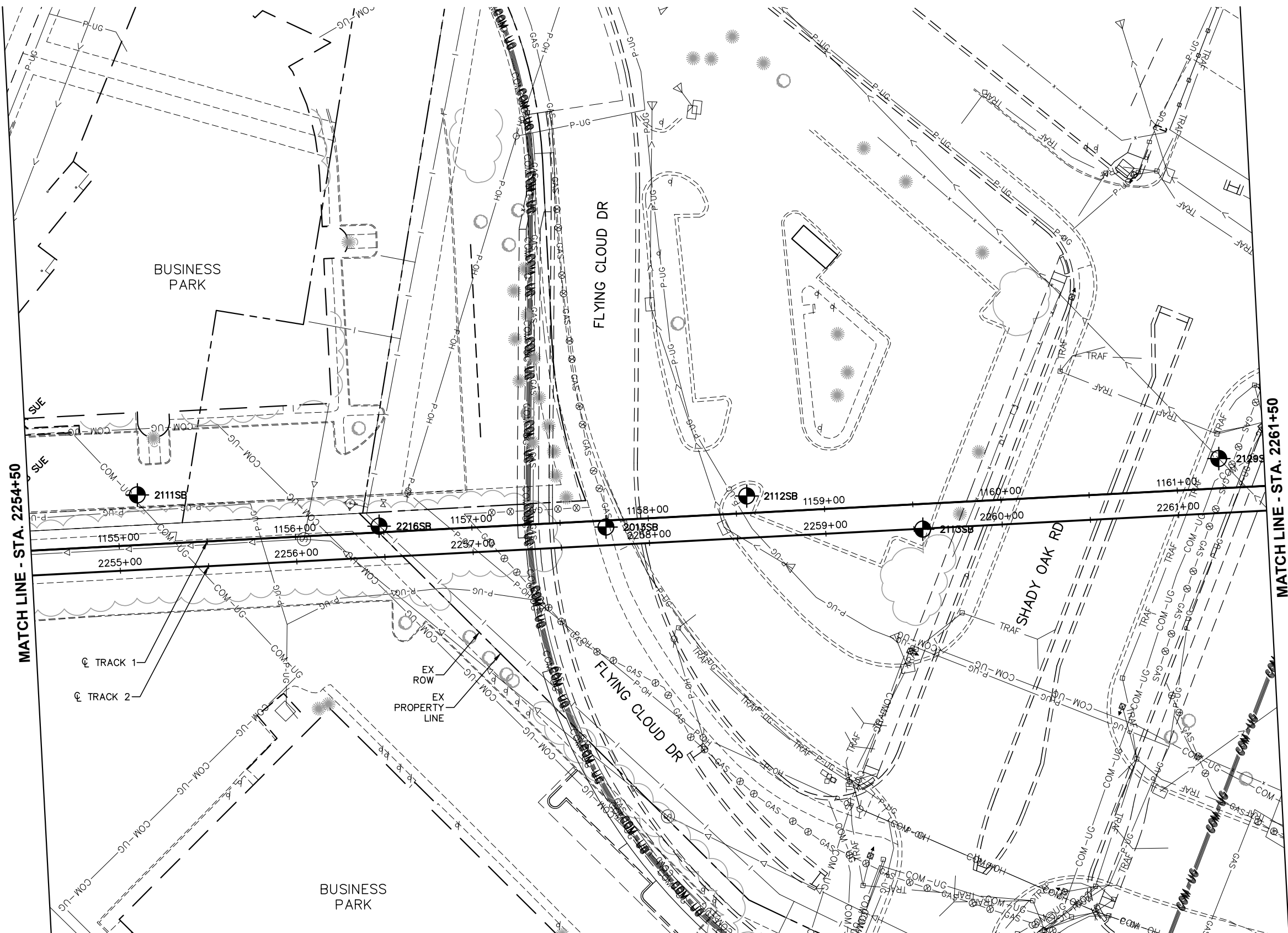
SHEET

35

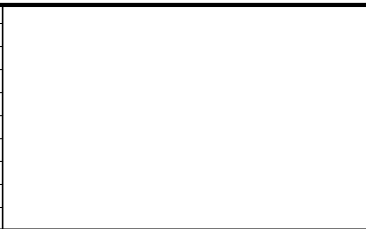
OF

96

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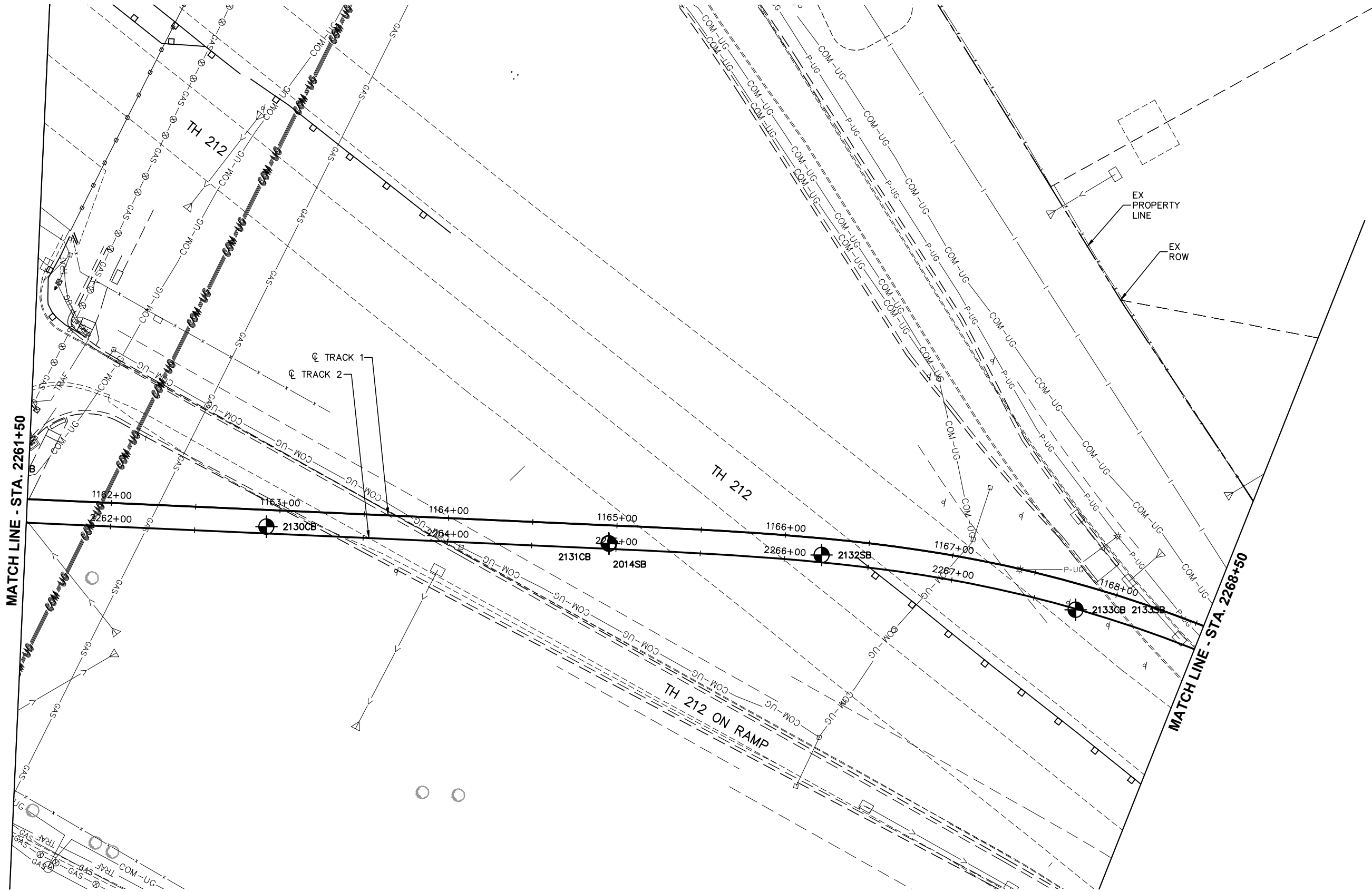
60% SUBMISSION - 9/28/15



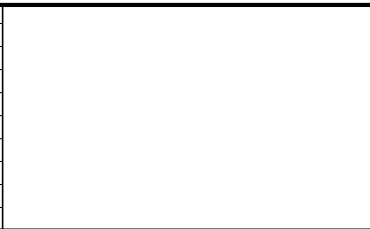
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2254+50 TO STA. 2261+50

DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-024

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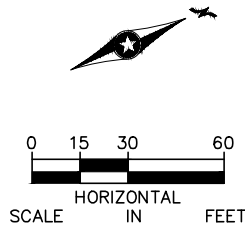
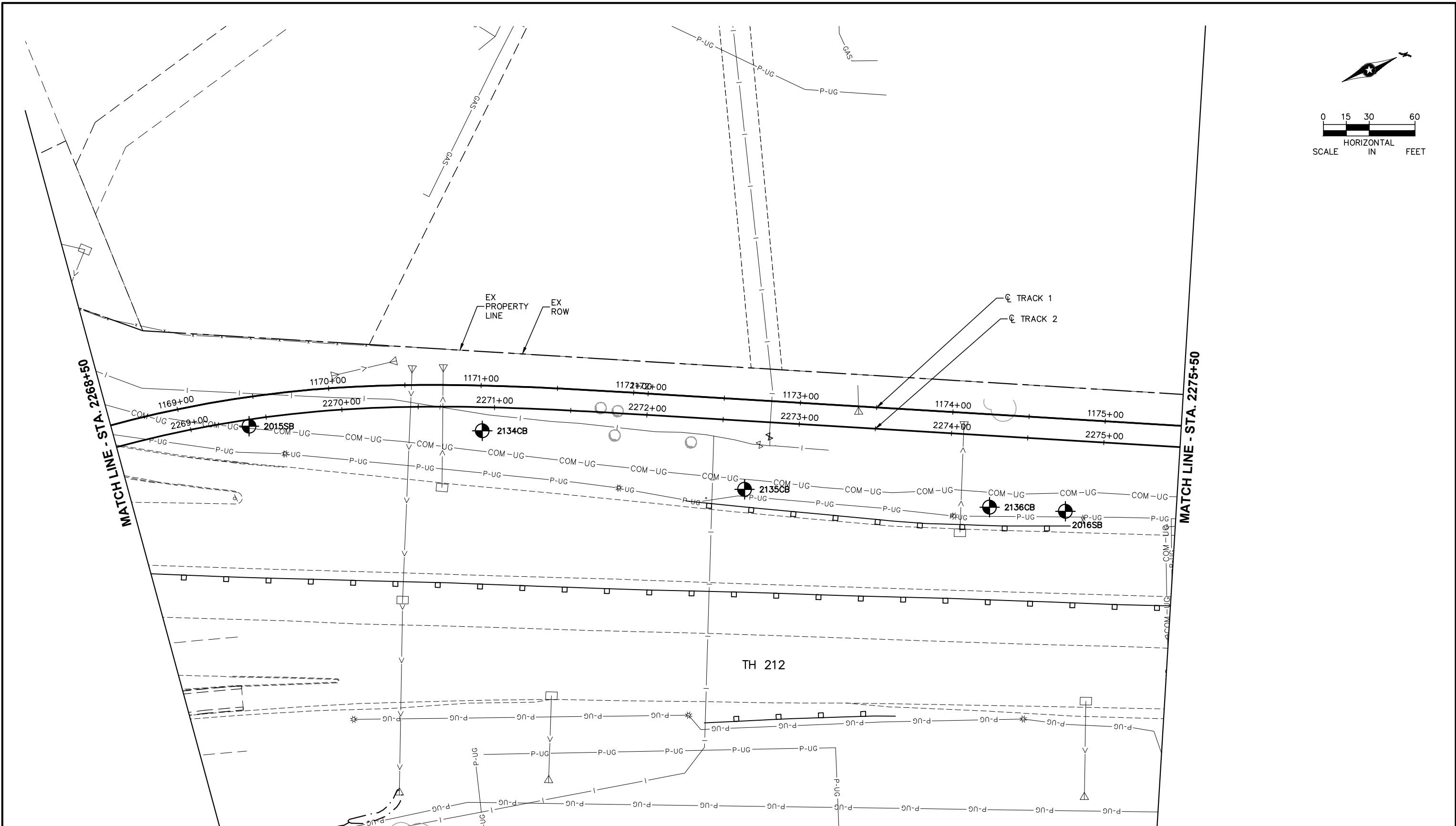
60% SUBMISSION - 9/28/15



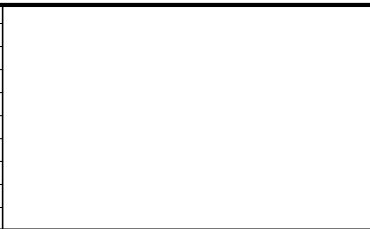
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2261+50 TO STA. 2268+50

DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-025

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60% SUBMISSION - 9/28/15



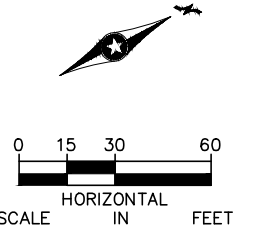
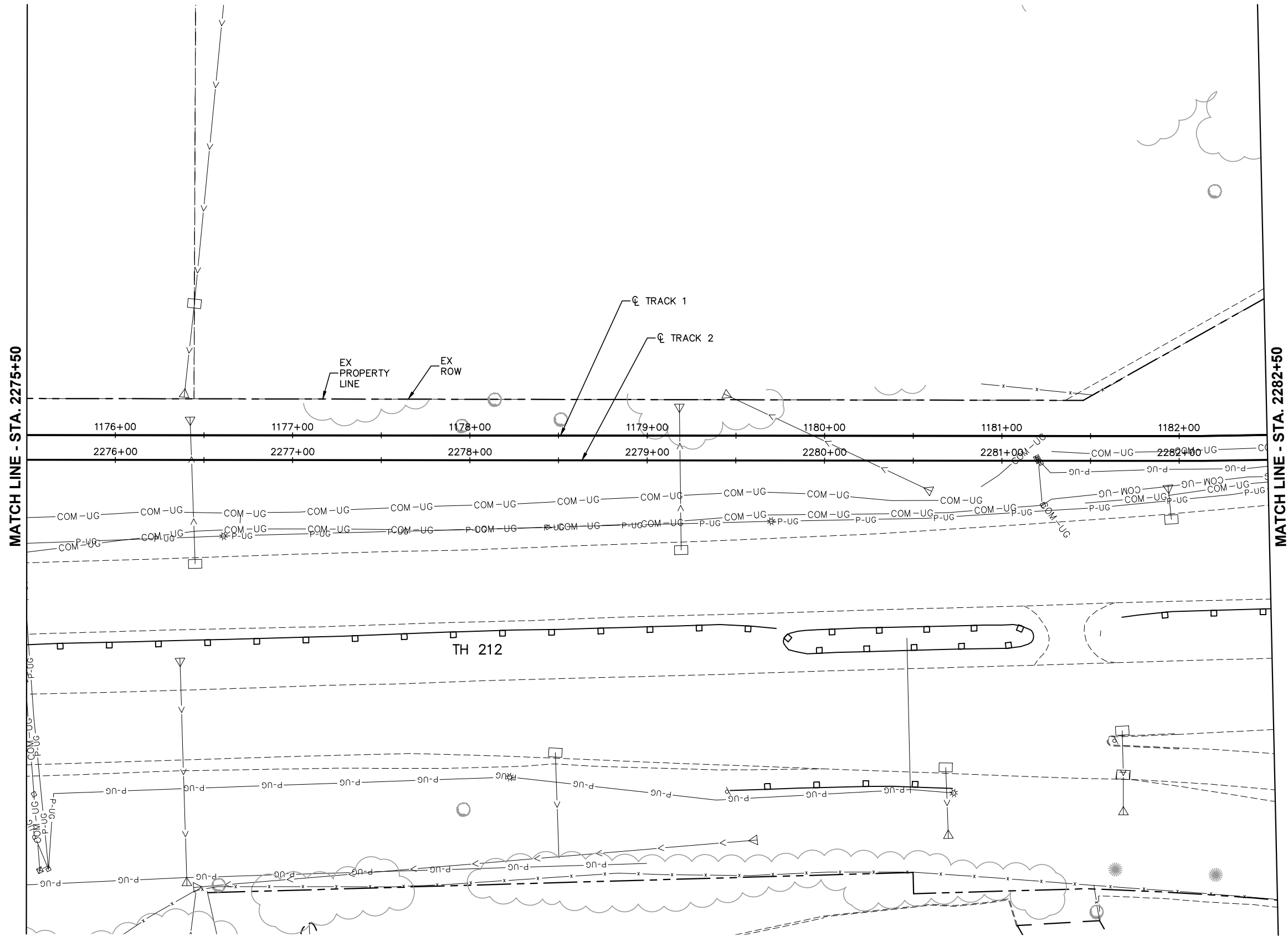
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2268+50 TO STA. 2275+50

DISCIPLINE:
SURVEY

SHEET NAME:
W2-SUR-PLN-026

SHEET
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OF
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60% SUBMISSION - 9/28/15

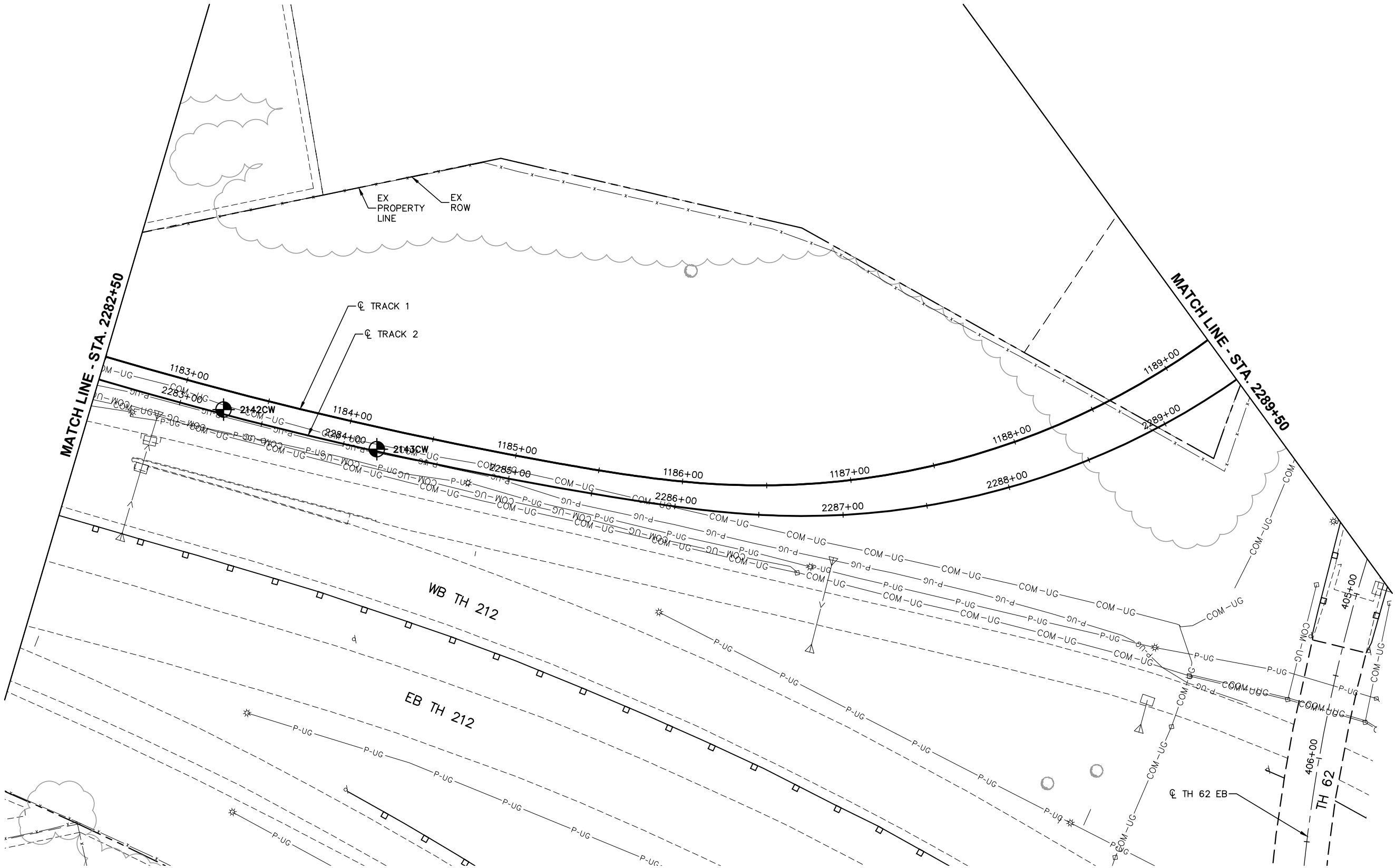
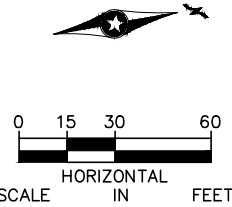


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2275+50 TO STA. 2282+50

DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-027

SHEET
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OF
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AECOM

RANI
engineering

60% SUBMISSION - 9/28/15

**METROPOLITAN**
COUNCIL

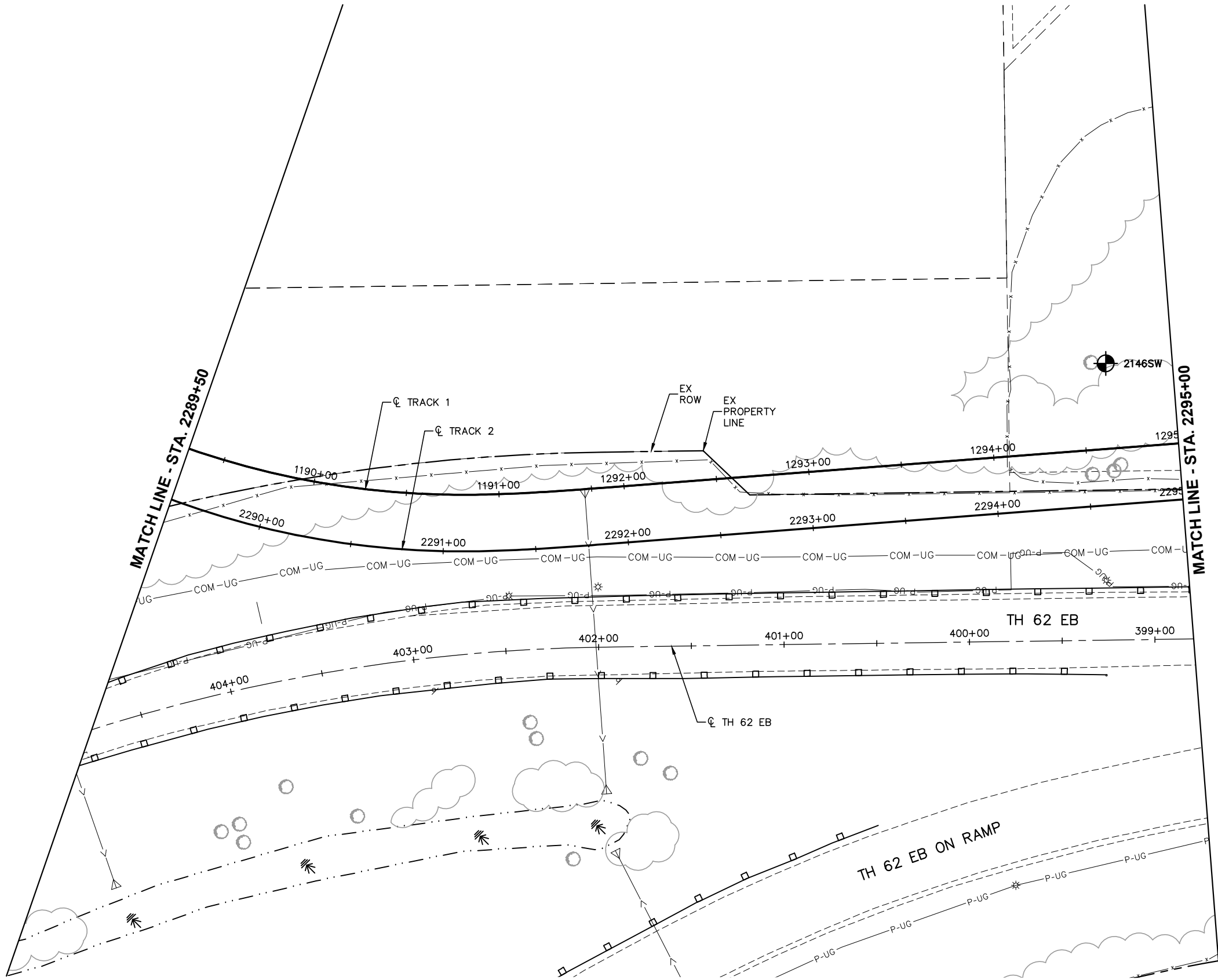
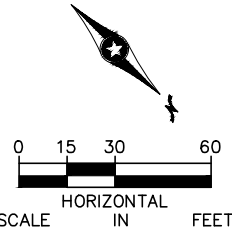
**SOUTHWEST**
Green Line LRT Extension

CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2282+50 TO STA. 2289+50

DISCIPLINE:
SURVEY

SHEET NAME:
W2-SUR-PLN-028

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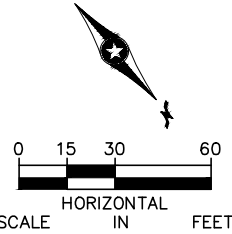
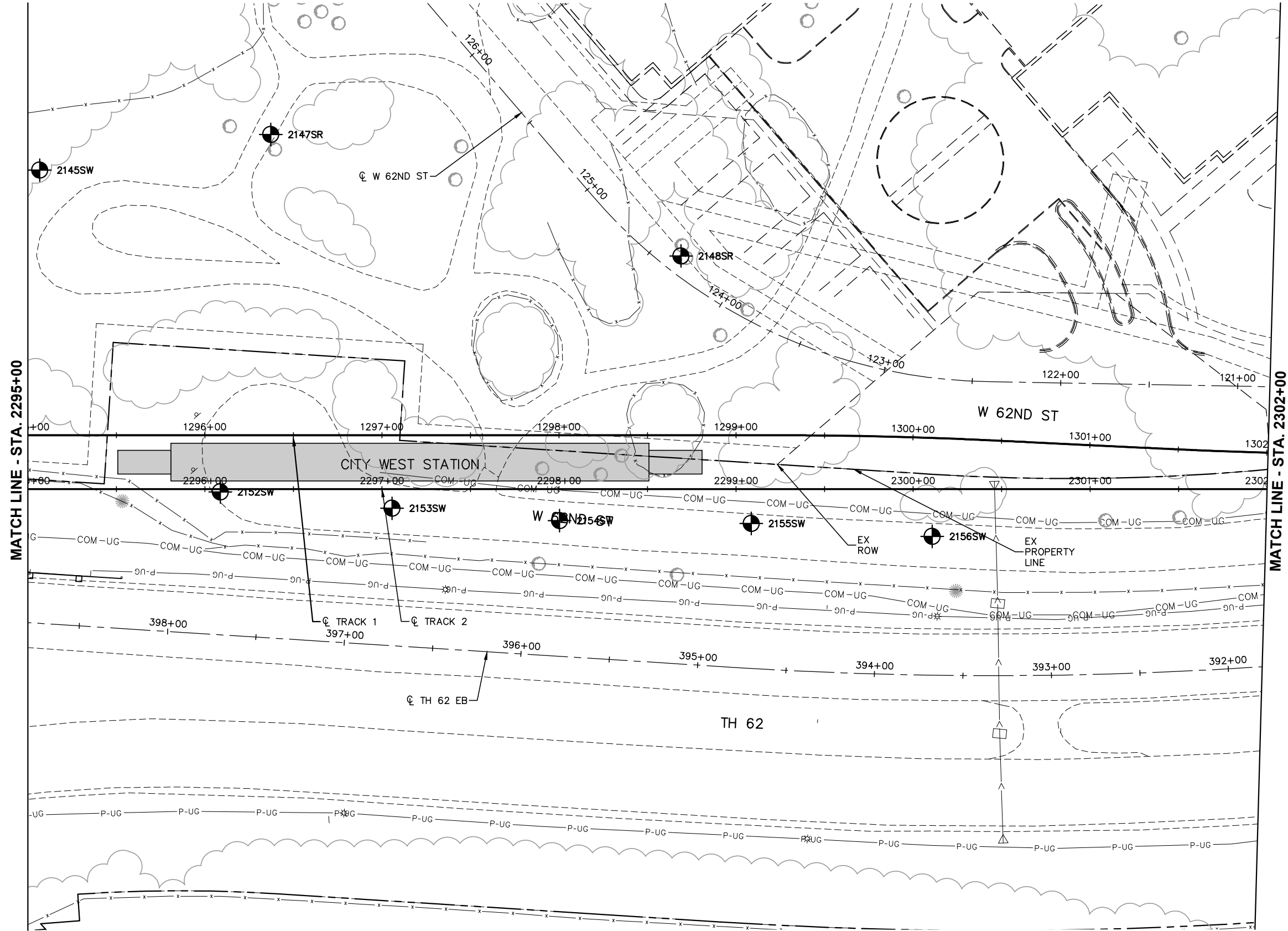


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2289+50 TO STA. 2295+00

DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-029

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OF
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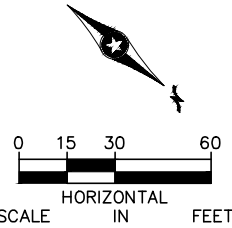
60% SUBMISSION - 9/28/15

CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2295+00 TO STA. 2302+00

DISCIPLINE:
SURVEY

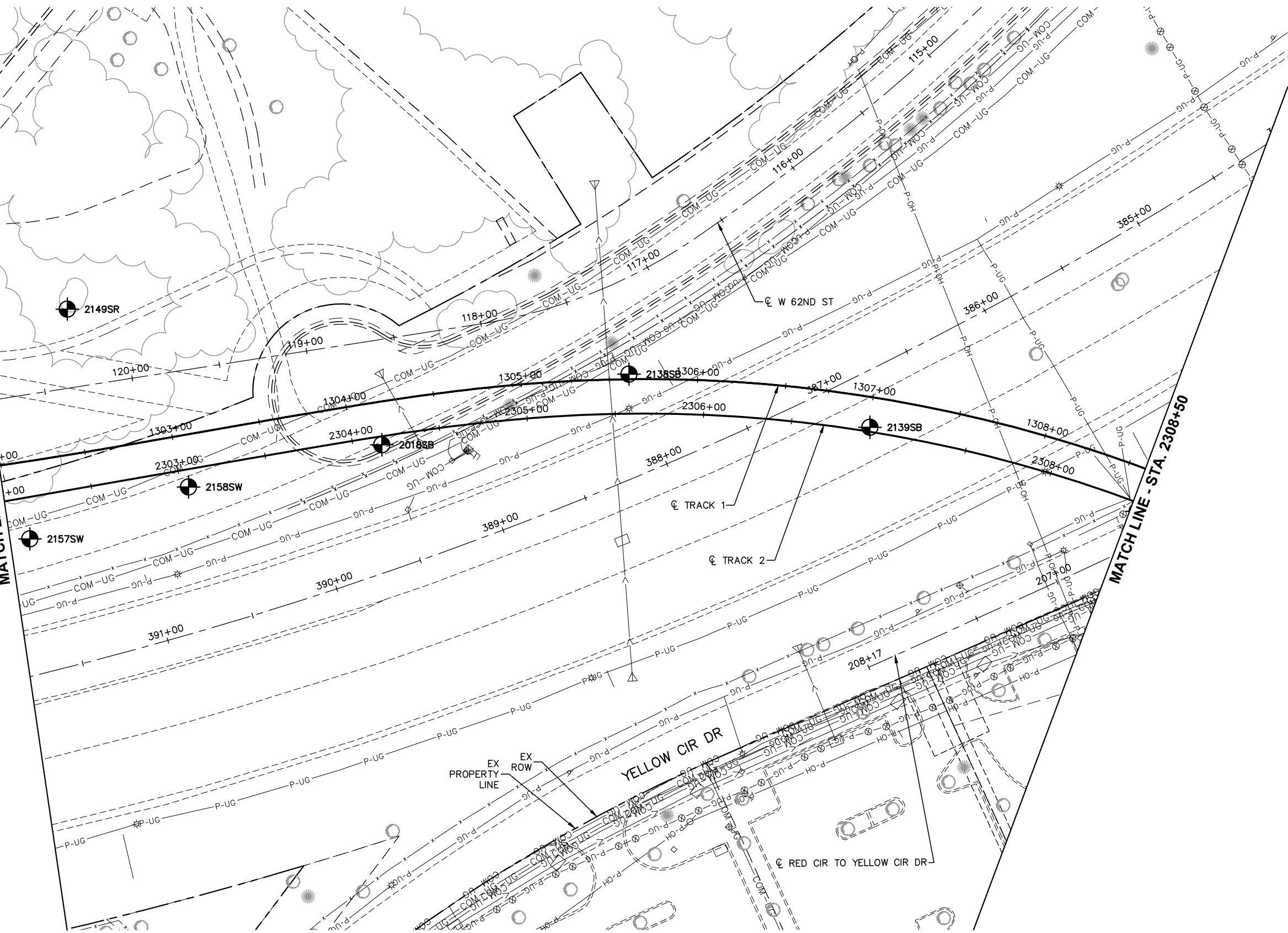
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W2-SUR-PLN-030

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MATCH LINE - STA. 2302+00

MATCH LINE - STA. 2308+50



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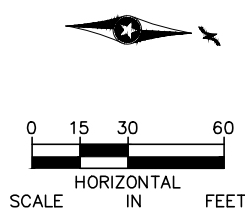
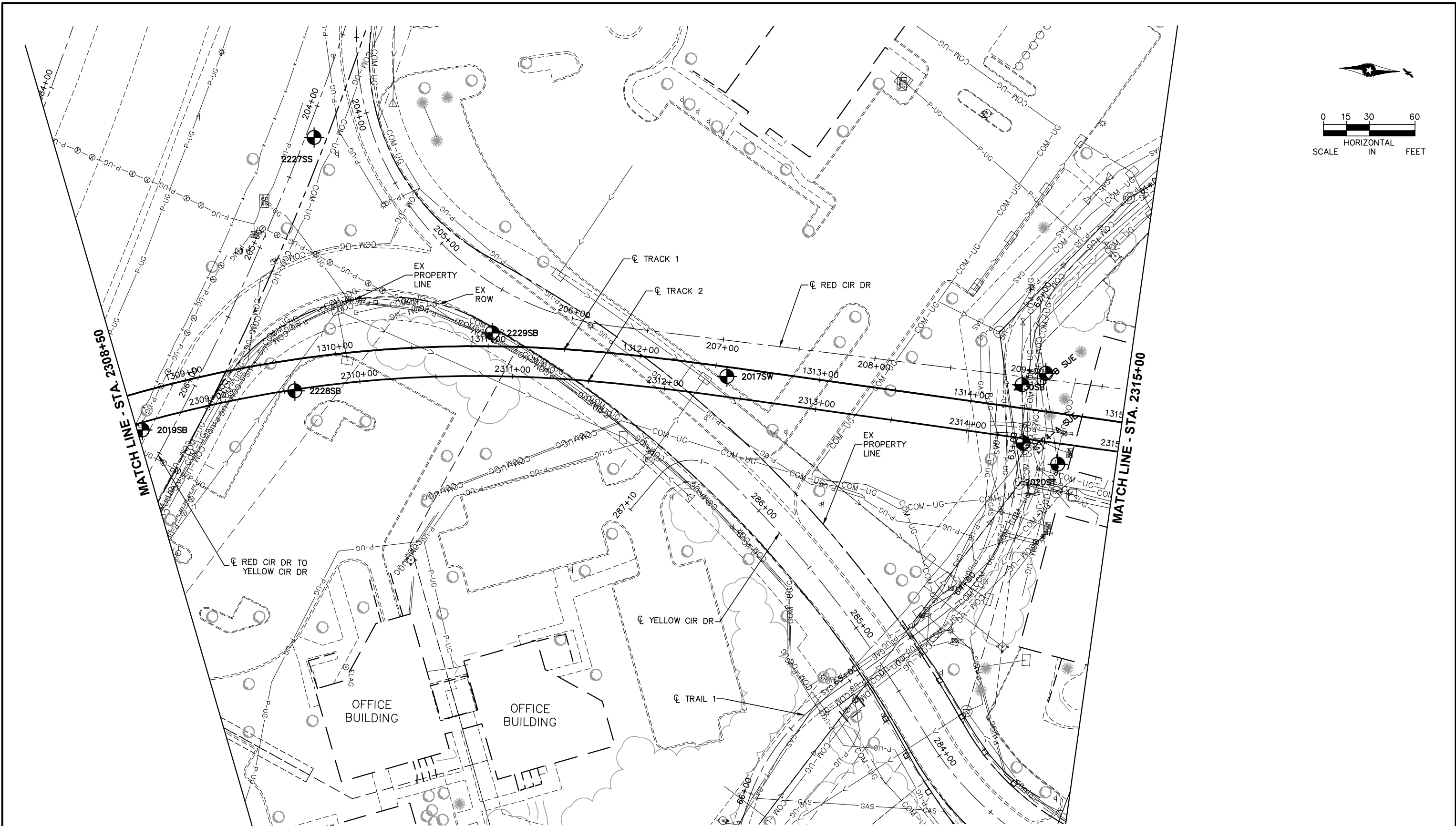


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2302+00 TO STA. 2308+50

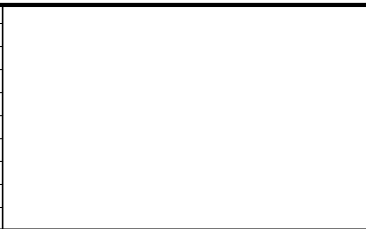
DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-031

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OF
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60% SUBMISSION - 9/28/15



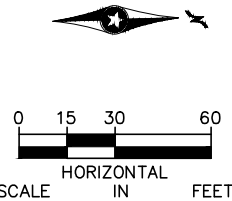
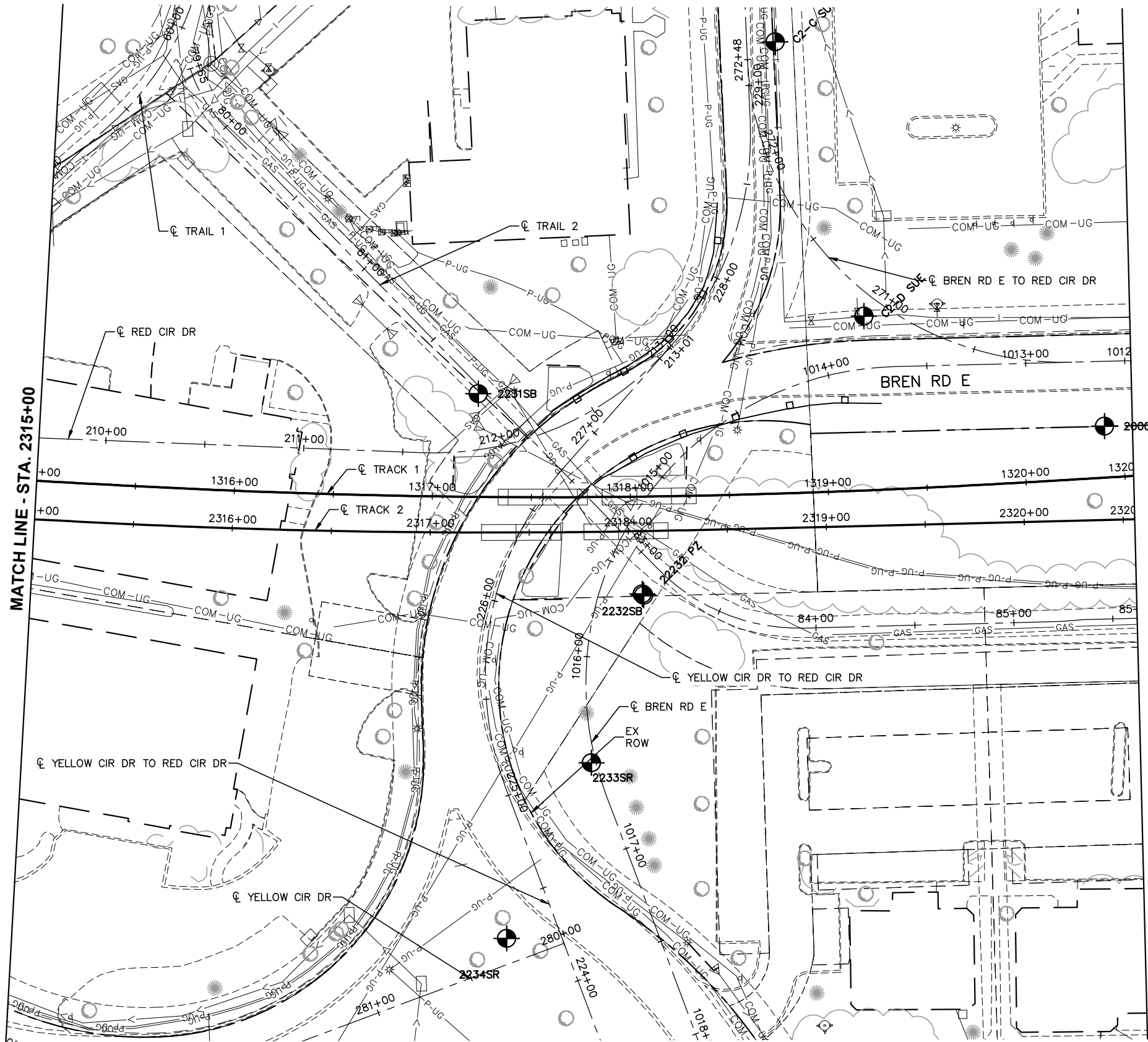
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2308+50 TO STA. 2315+00

DISCIPLINE:
SURVEY

SHEET NAME:
W2-SUR-PLN-032

SHEET
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OF
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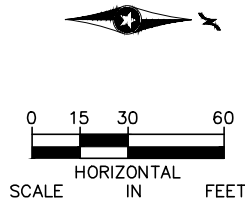
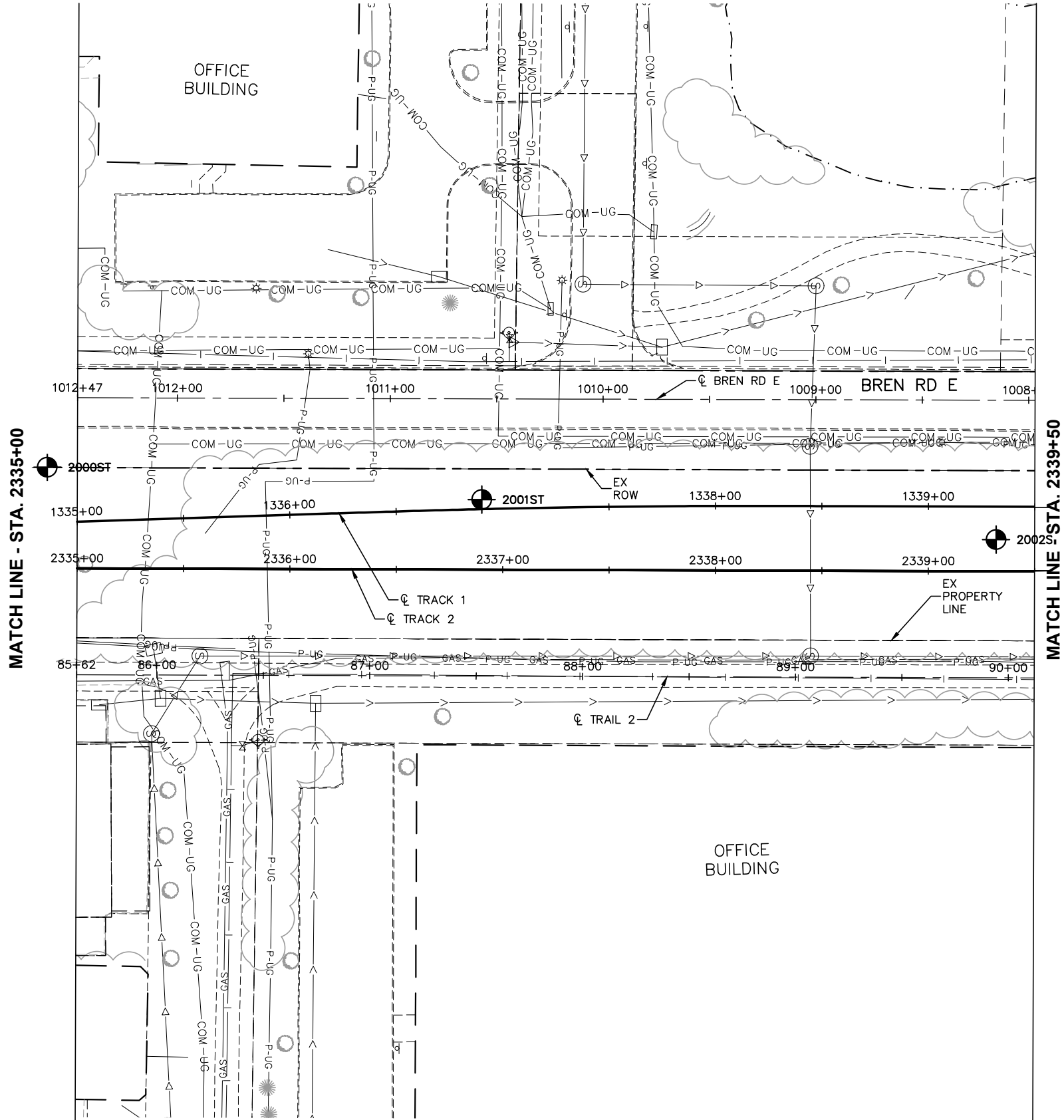
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2315+00 TO STA. 2320+50

DISCIPLINE:
SURVEY

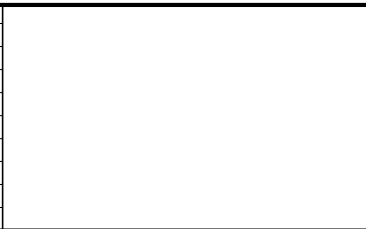
SHEET NAME:
W2-SUR-PLN-033

SHEET
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OF
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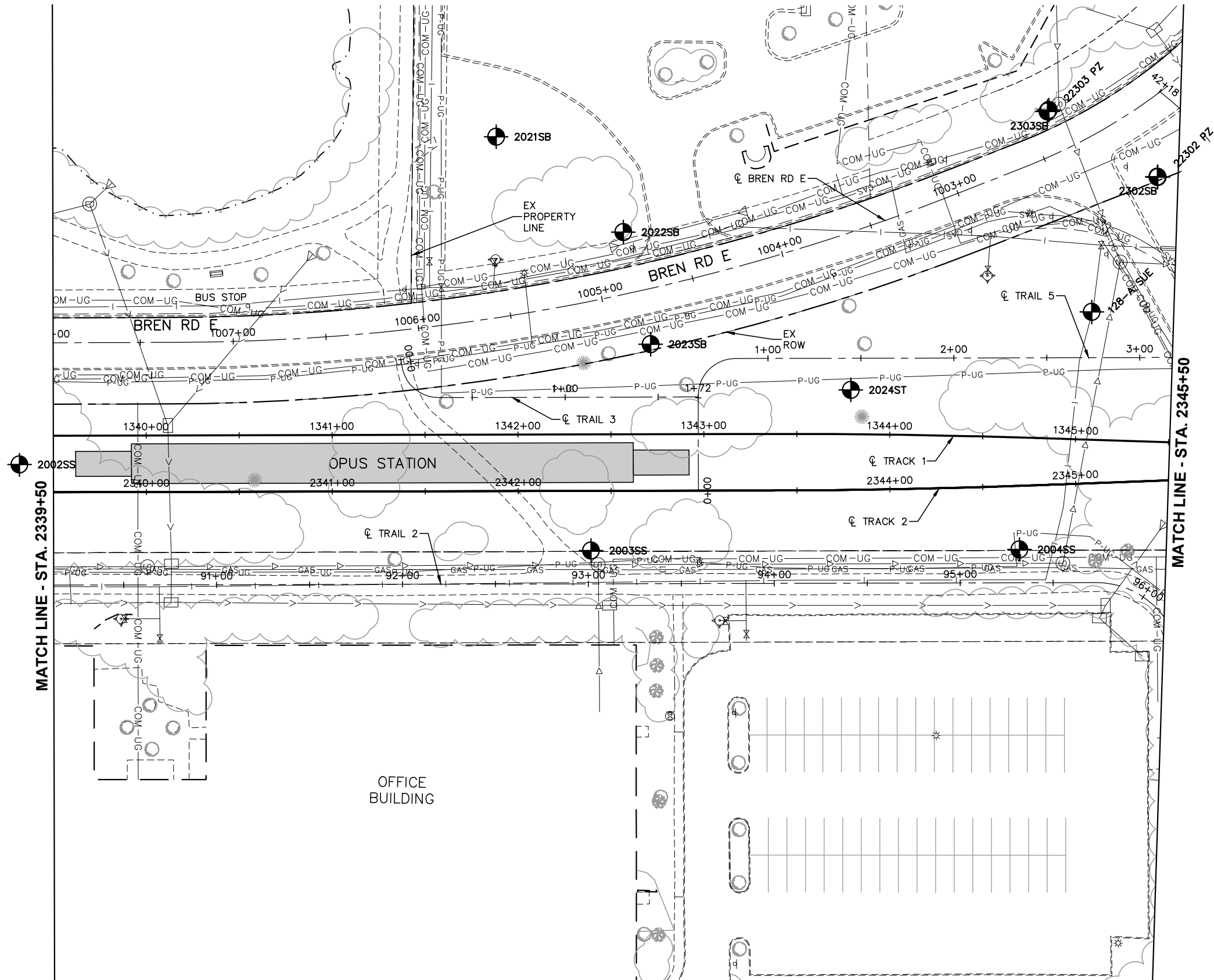


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2335+00 TO STA. 2339+50

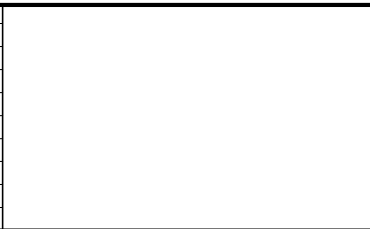
DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-034

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OF
96

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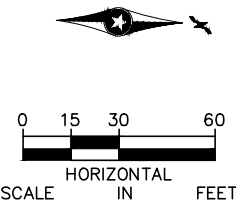
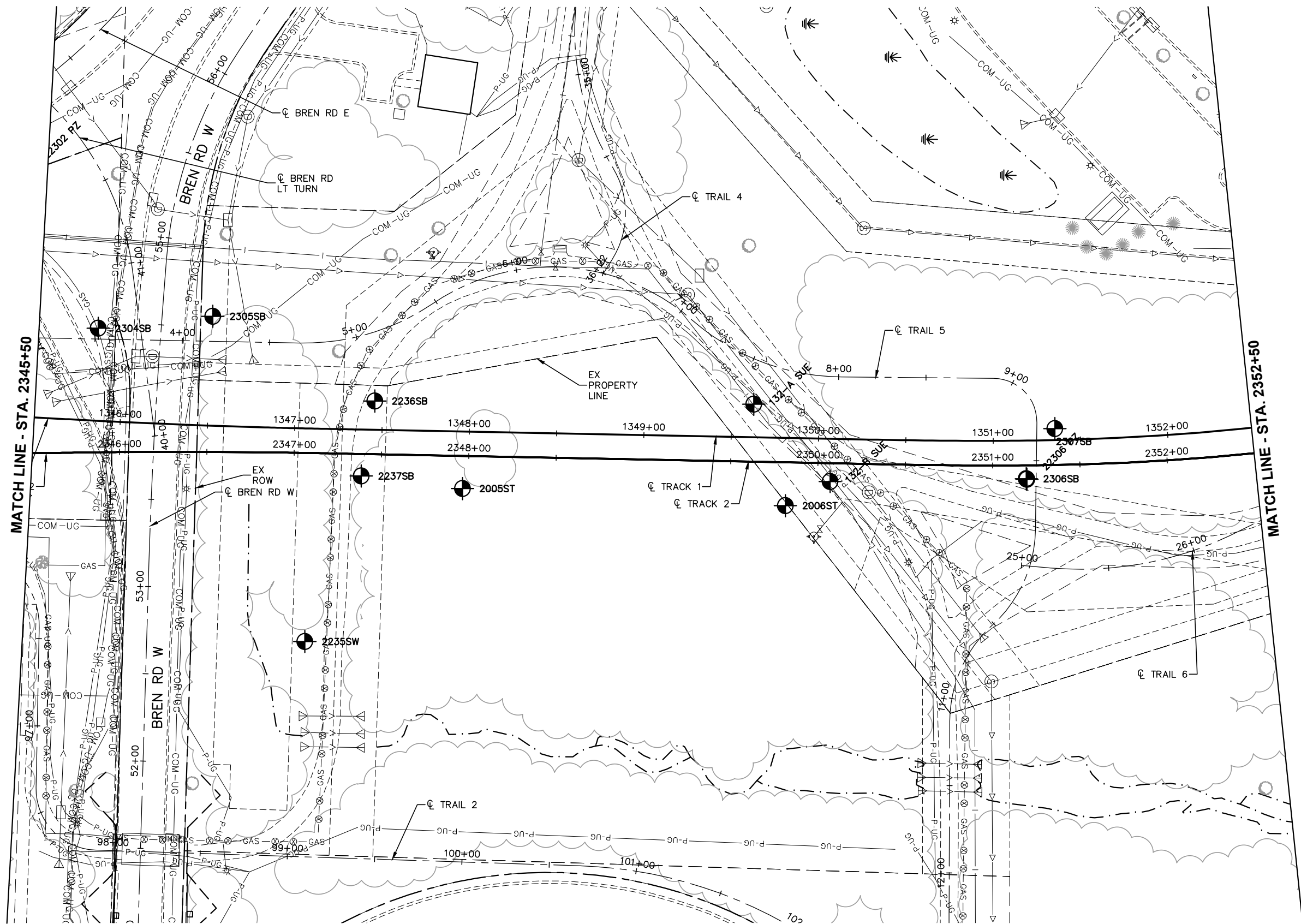
60% SUBMISSION - 9/28/15



CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2339+50 TO STA. 2345+50

DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-035

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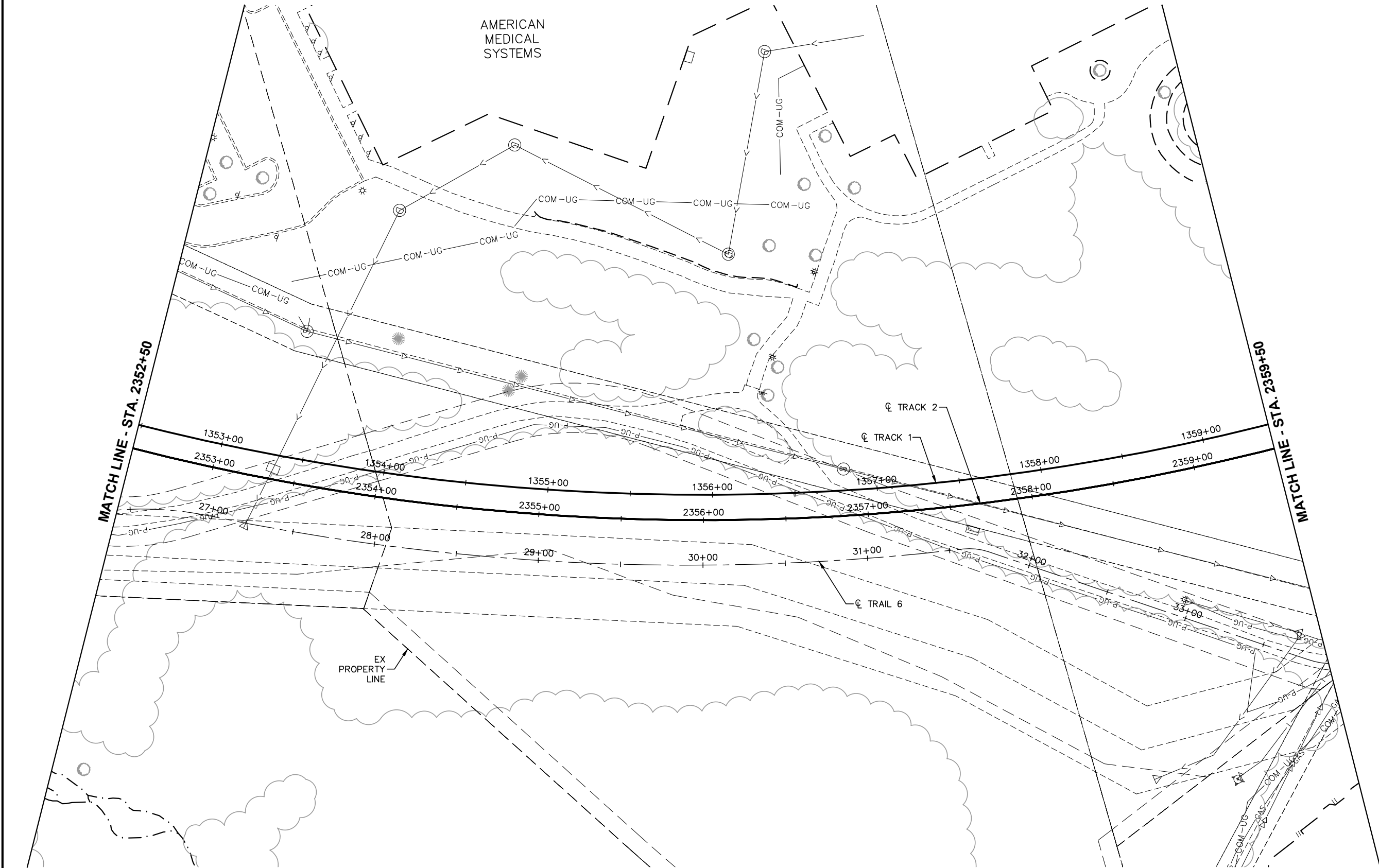


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2345+50 TO STA. 2352+50

DISCIPLINE:
SURVEY

SHEET NAME:
W3-SUR-PLN-036

SHEET
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OF
96

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METROPOLITAN
COUNCIL



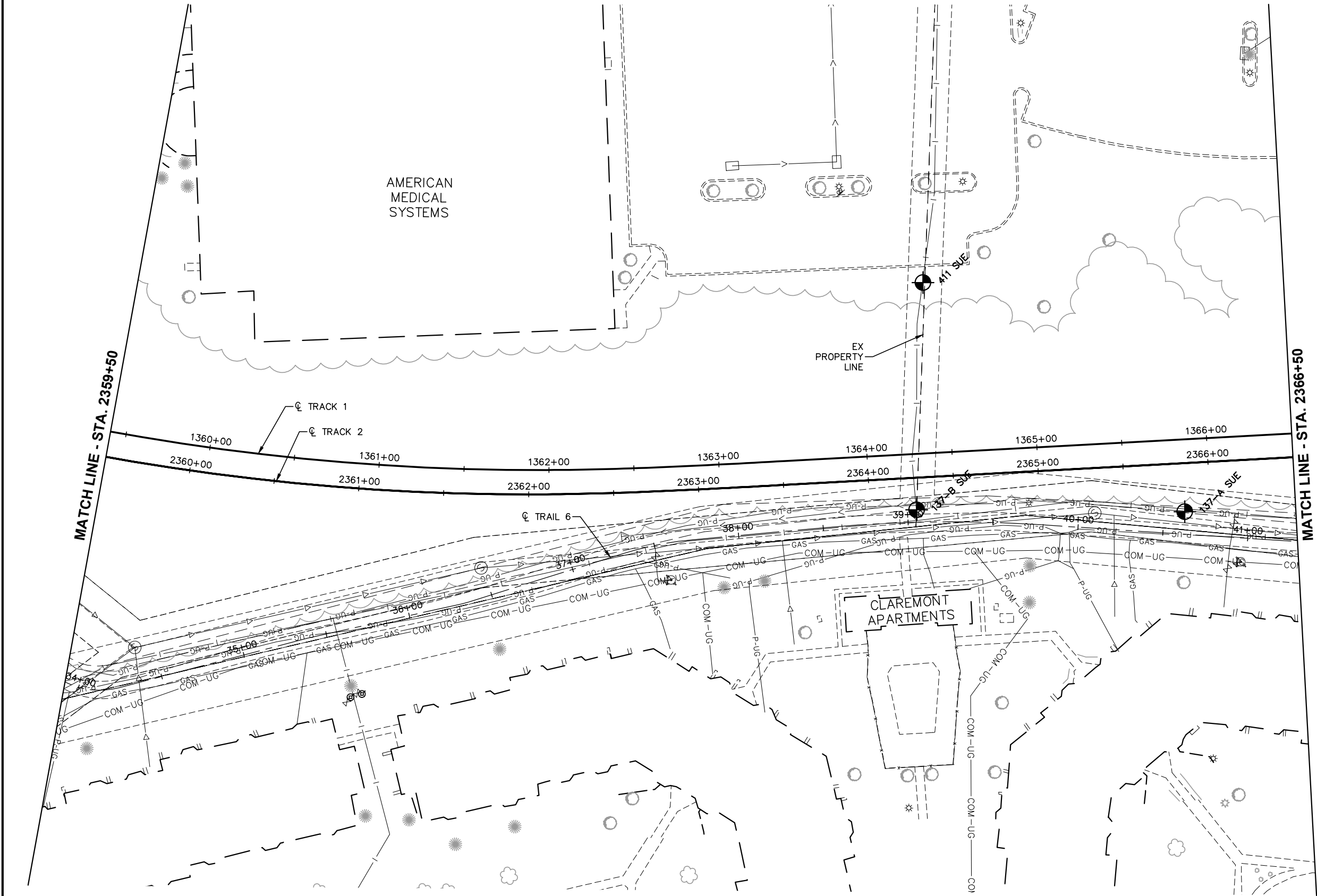
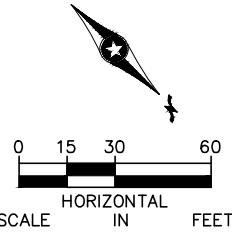
**CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2352+50 TO STA. 2359+50**

DISCIPLINE: **SURVEY**

SHEET NAME:	W3-SUR-PLN-037
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SHEET	
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OF	
96	

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60% SUBMISSION - 9/28/15

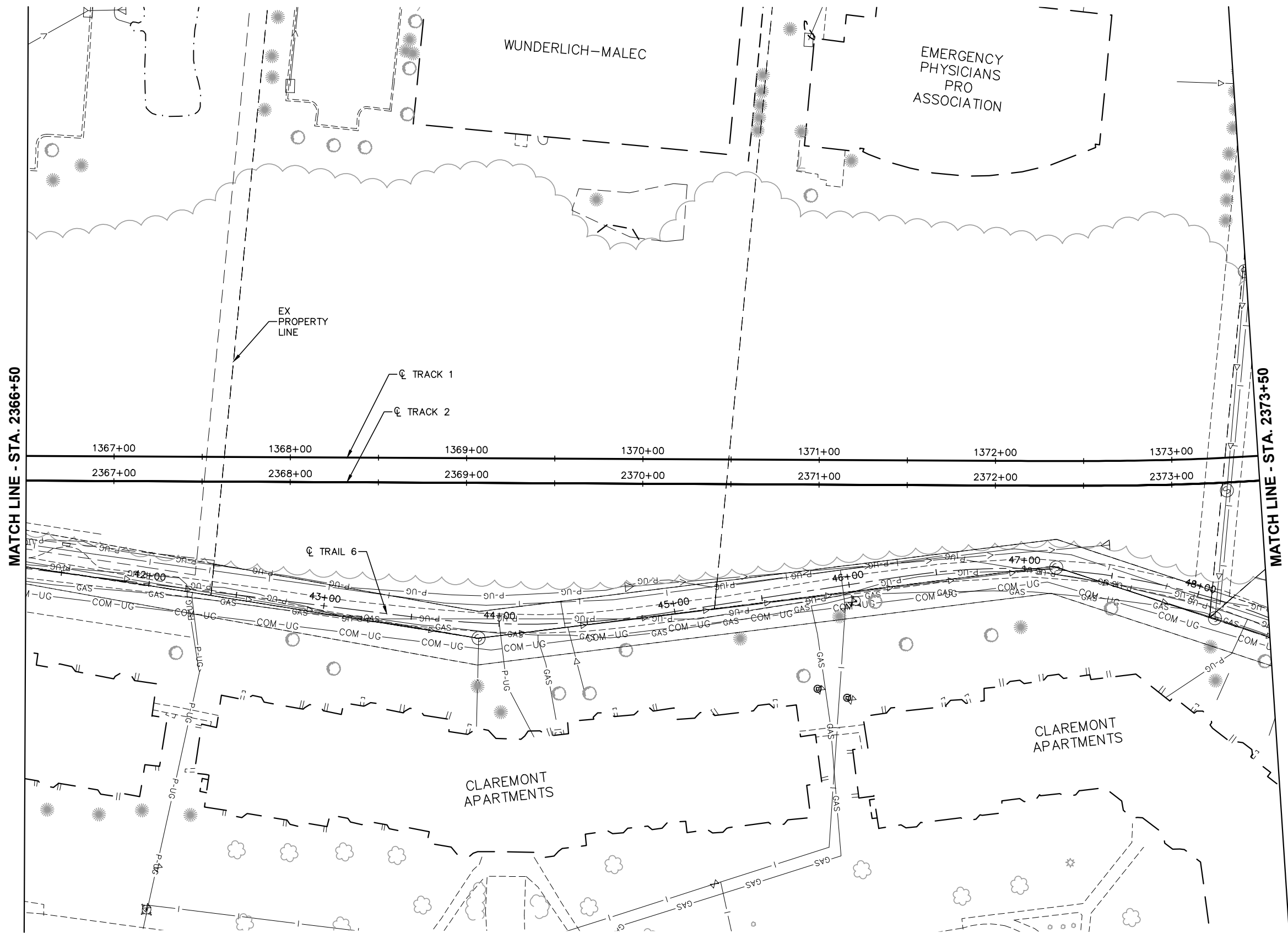


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2359+50 TO STA. 2366+50

DISCIPLINE:
SURVEY

SHEET NAME:
W3-SUR-PLN-038

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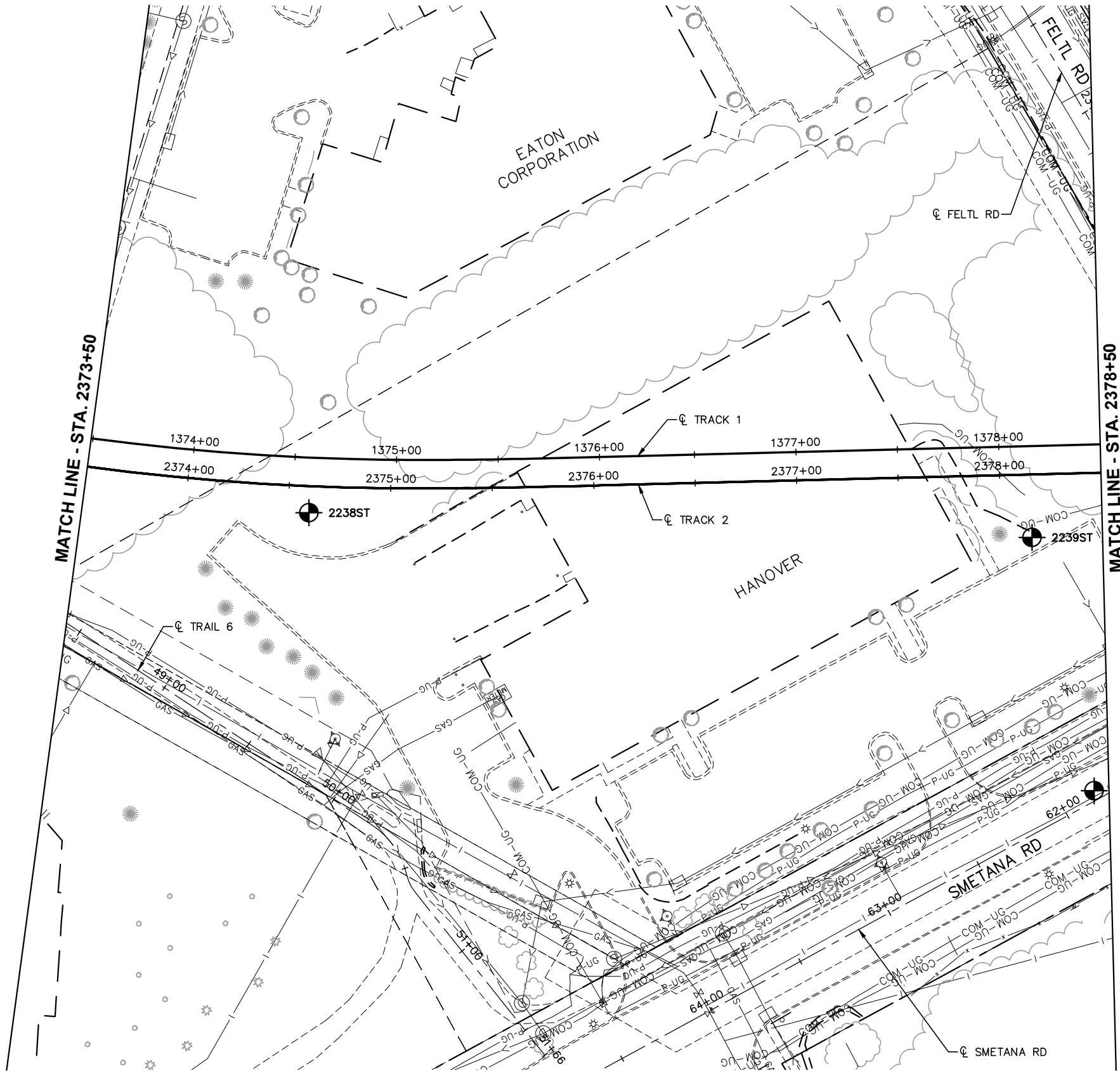
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2366+50 TO STA. 2373+50

DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-039

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OF
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60% SUBMISSION - 9/28/15

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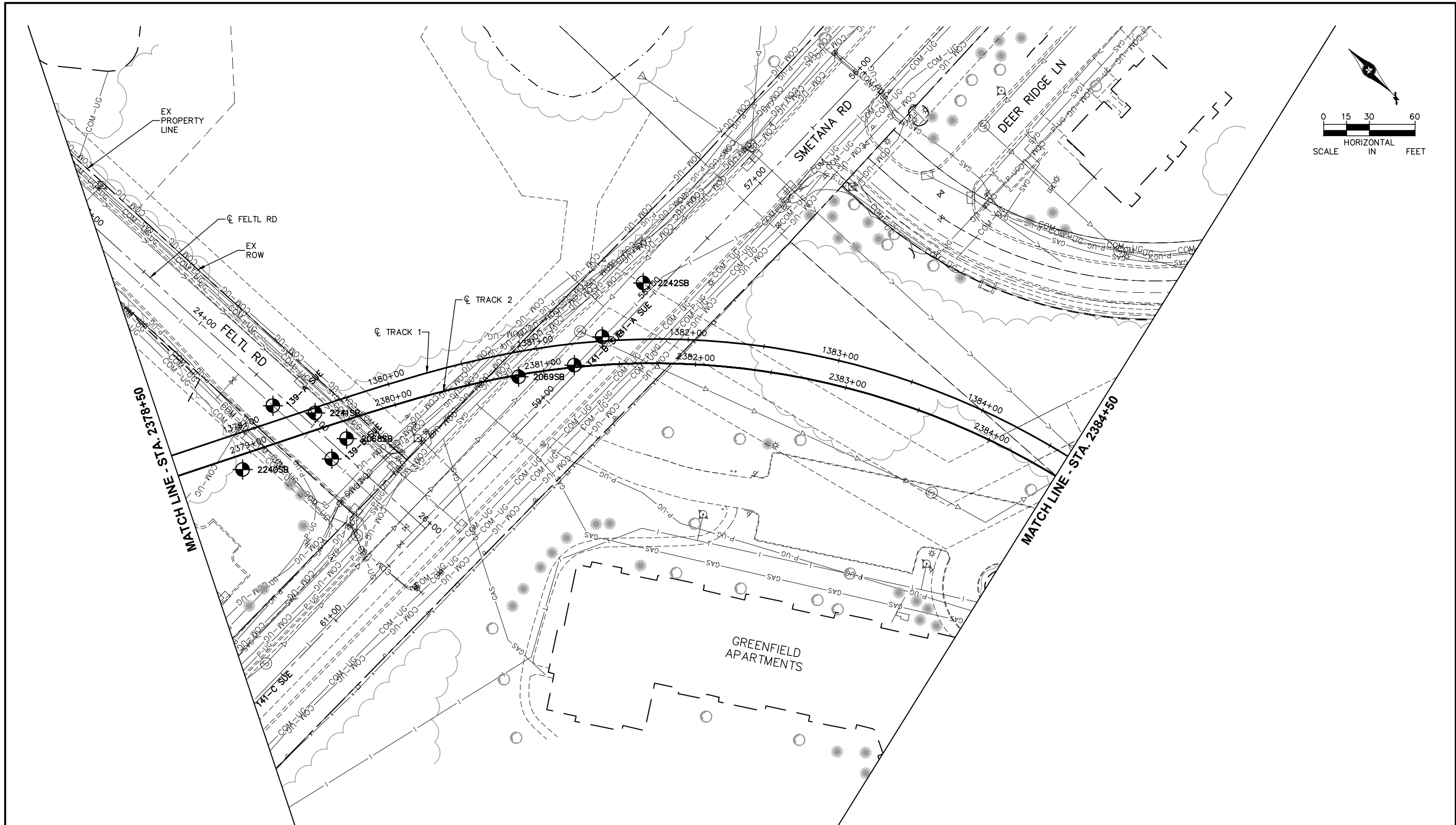
60% SUBMISSION - 9/28/15

CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2373+50 TO STA. 2378+50

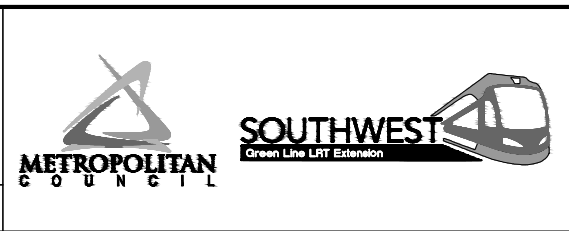
DISCIPLINE:
SURVEY

SHEET NAME:
W3-SUR-PLN-040

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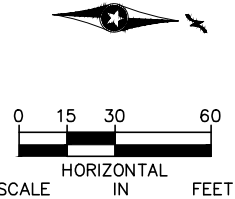
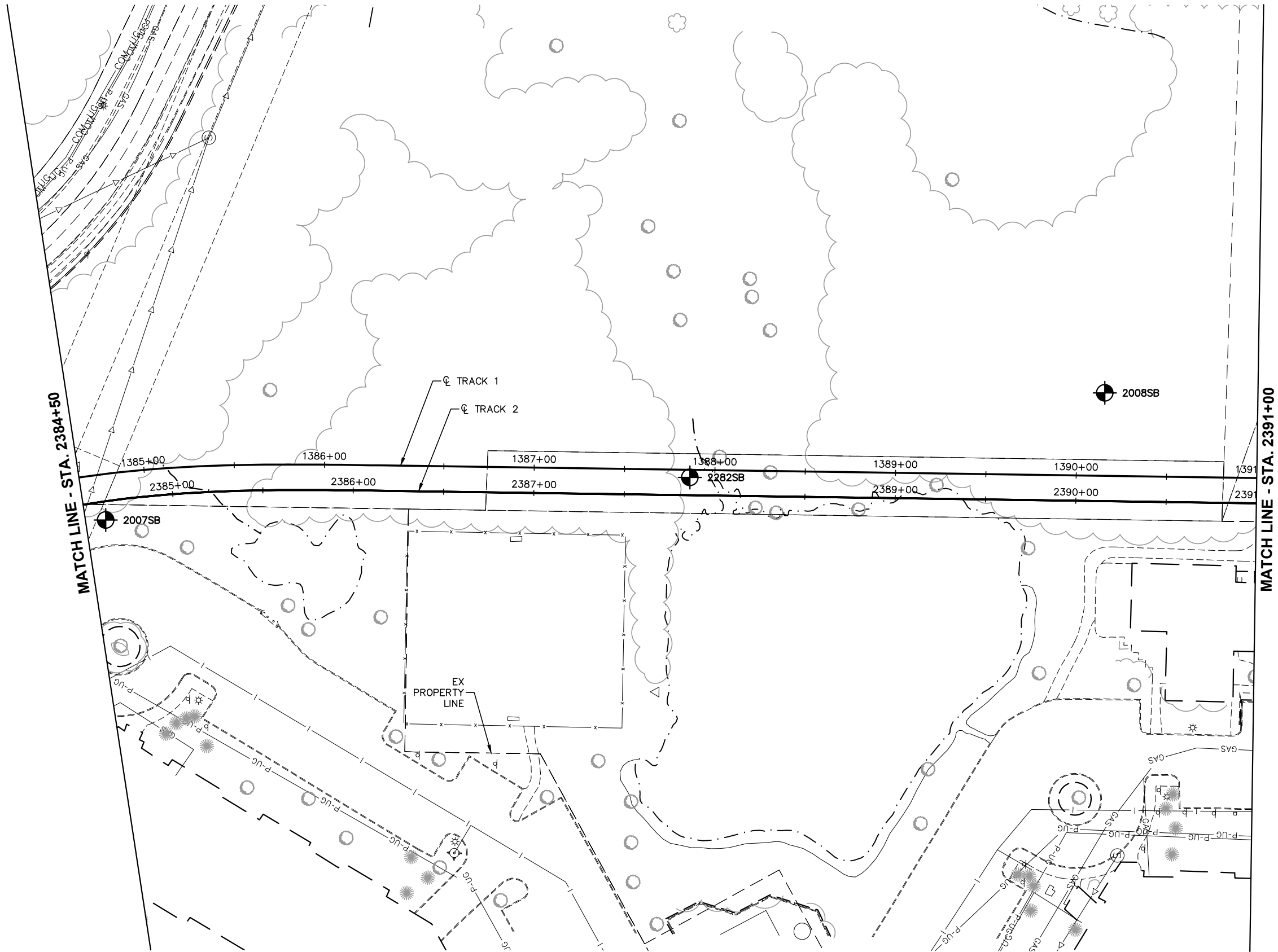


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CIVIL WEST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA. 2378+50 TO STA. 2384+50		SHEET 53 OF 96
DISCIPLINE: SURVEY	SHEET NAME: W3-SUR-PLN-041	

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60% SUBMISSION - 9/28/15

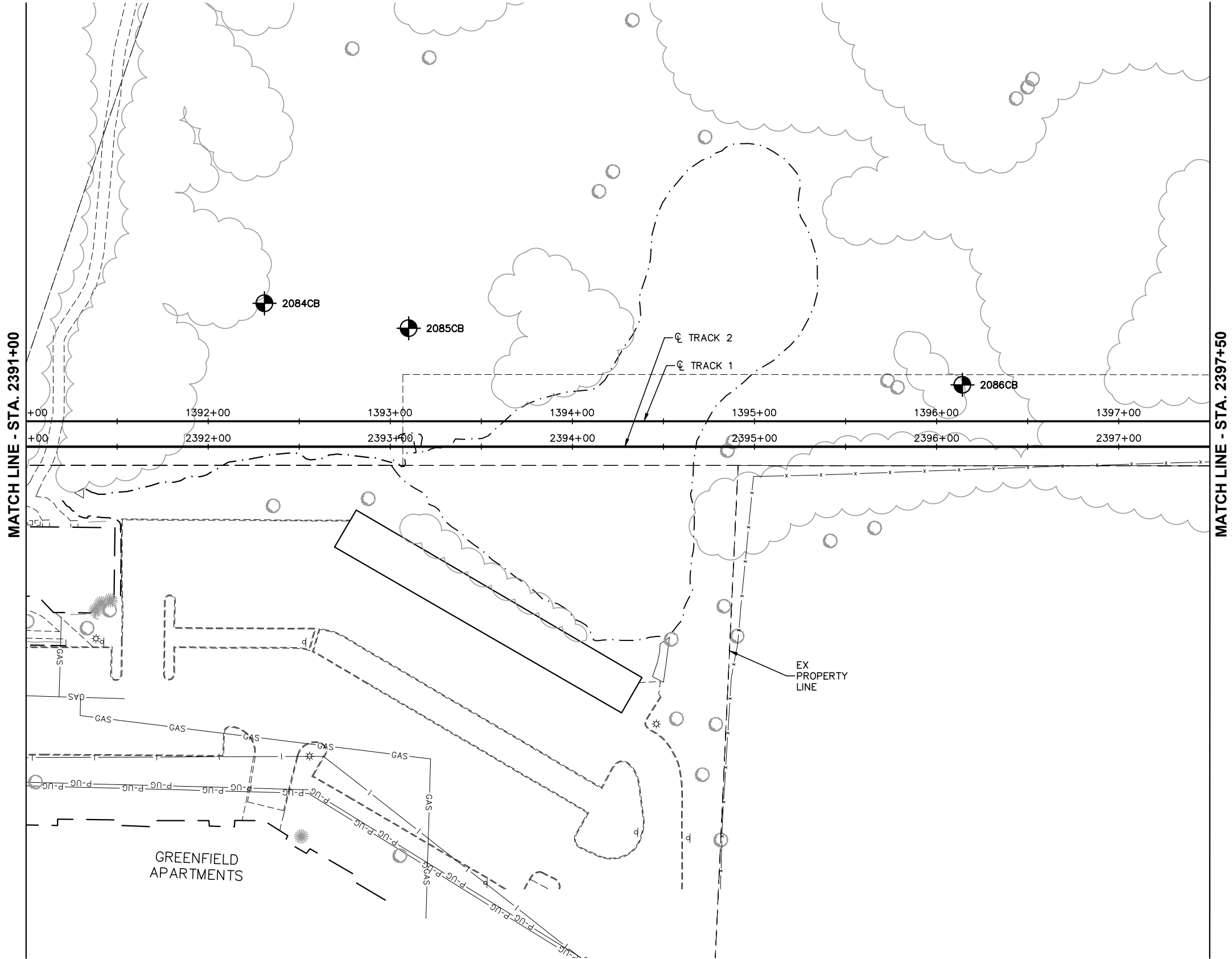


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2384+50 TO STA. 2391+00

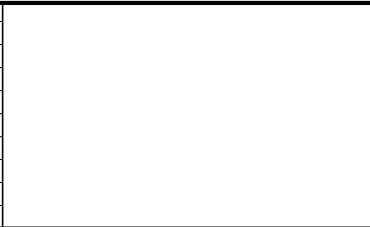
DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-042

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OF
96

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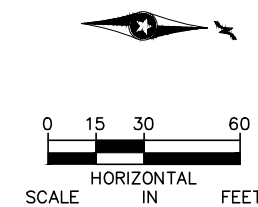


60% SUBMISSION - 9/28/15



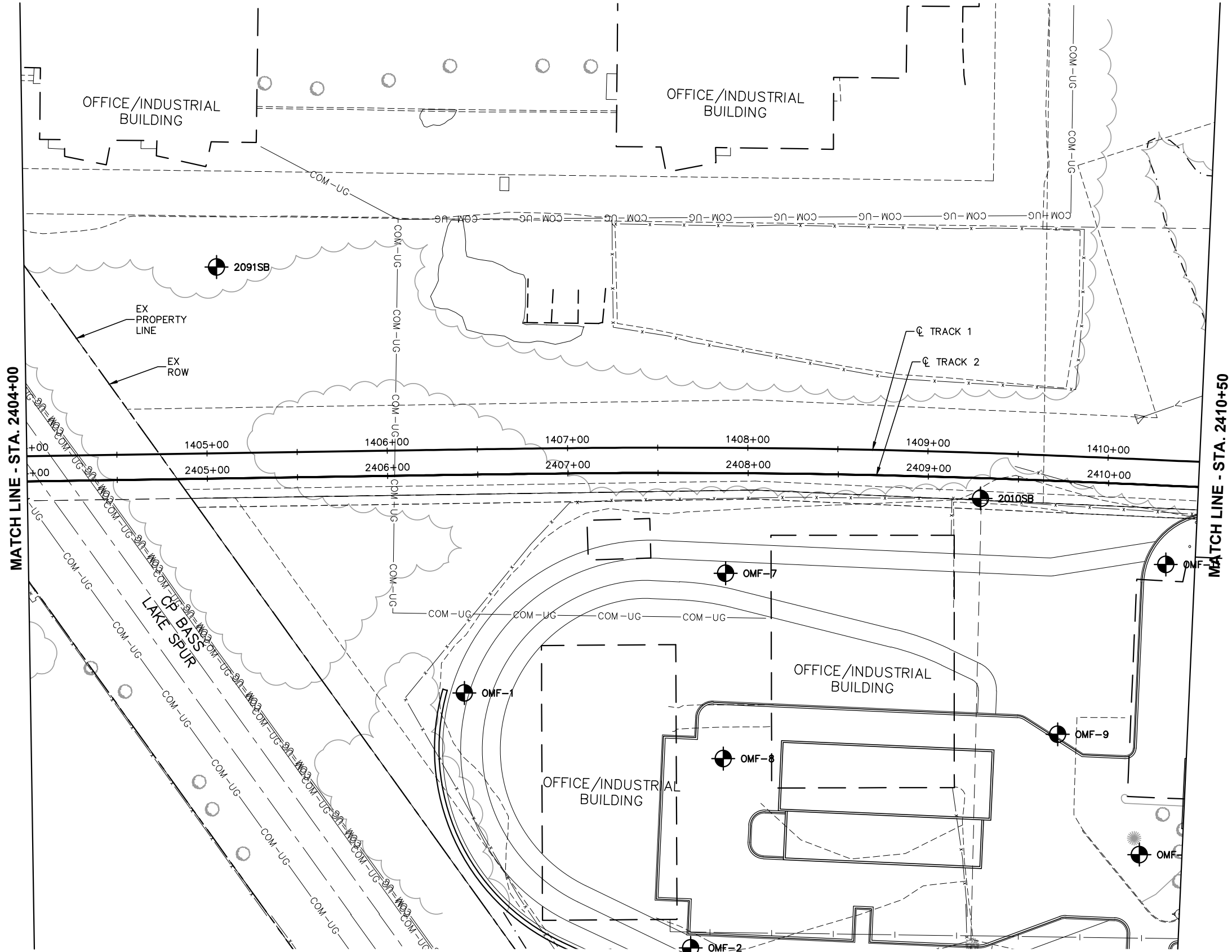
CIVIL WEST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA. 2391+00 TO STA. 2397+50	
DISCIPLINE: SURVEY	SHEET NAME: W3-SUR-PLN-043

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OF
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						60% SUBMISSION - 9/28/15		DISCIPLINE: SURVEY SHEET NAME: W3-SUR-PLN-044		

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CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2404+00 TO STA. 2410+50

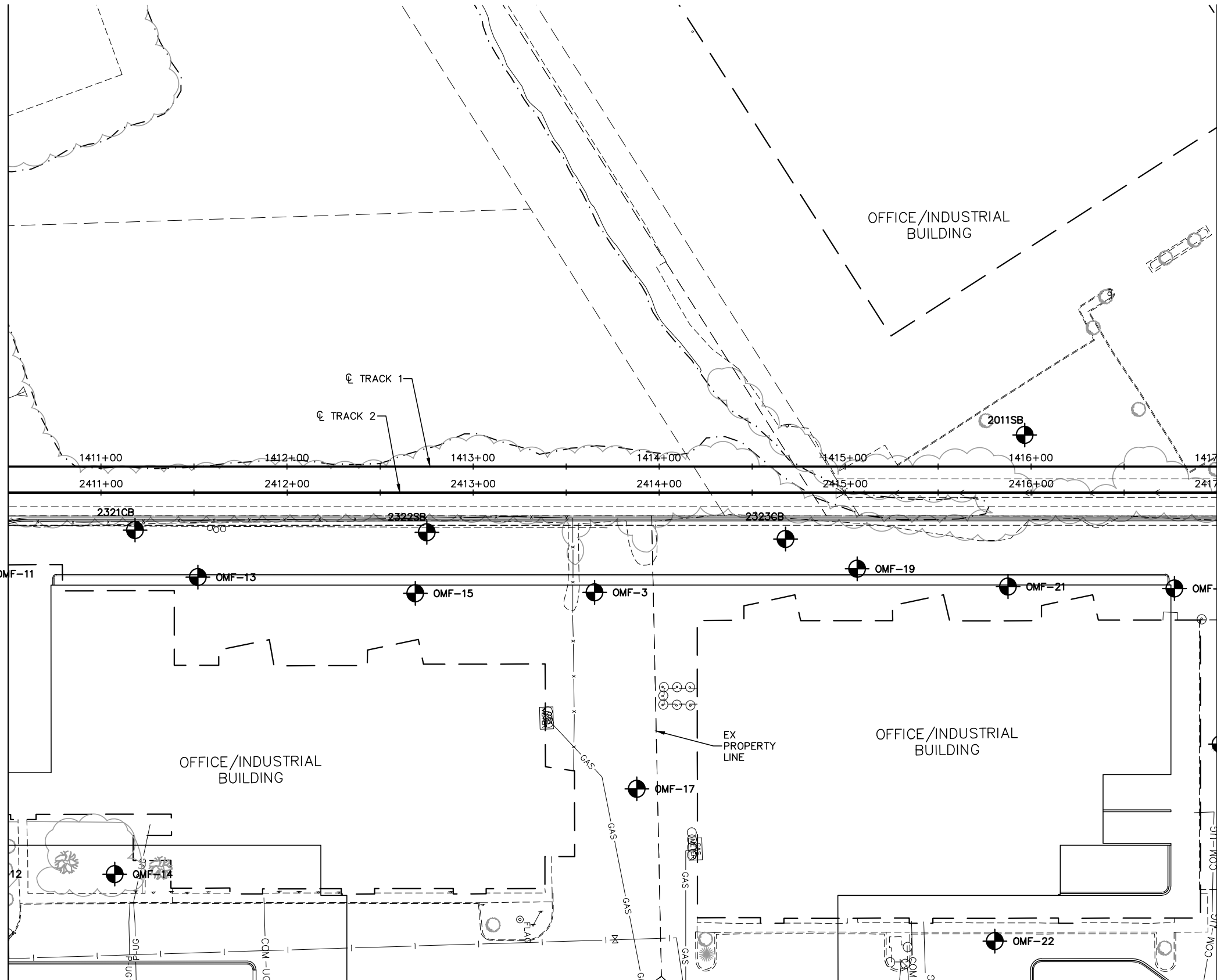
DISCIPLINE: **SURVEY**
SHEET NAME: **W3-SUR-PLN-045**

60% SUBMISSION - 9/28/15

SHEET 57 OF 96

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MATCH LINE - STA. 2410+50



MATCH LINE - STA. 2417+00

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AECOM

RANI
engineering

60% SUBMISSION - 9/28/15

**METROPOLITAN**
COUNCIL

**SOUTHWEST**
Green Line LRT Extension

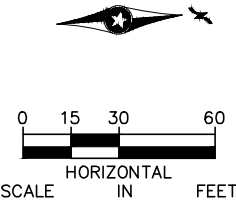
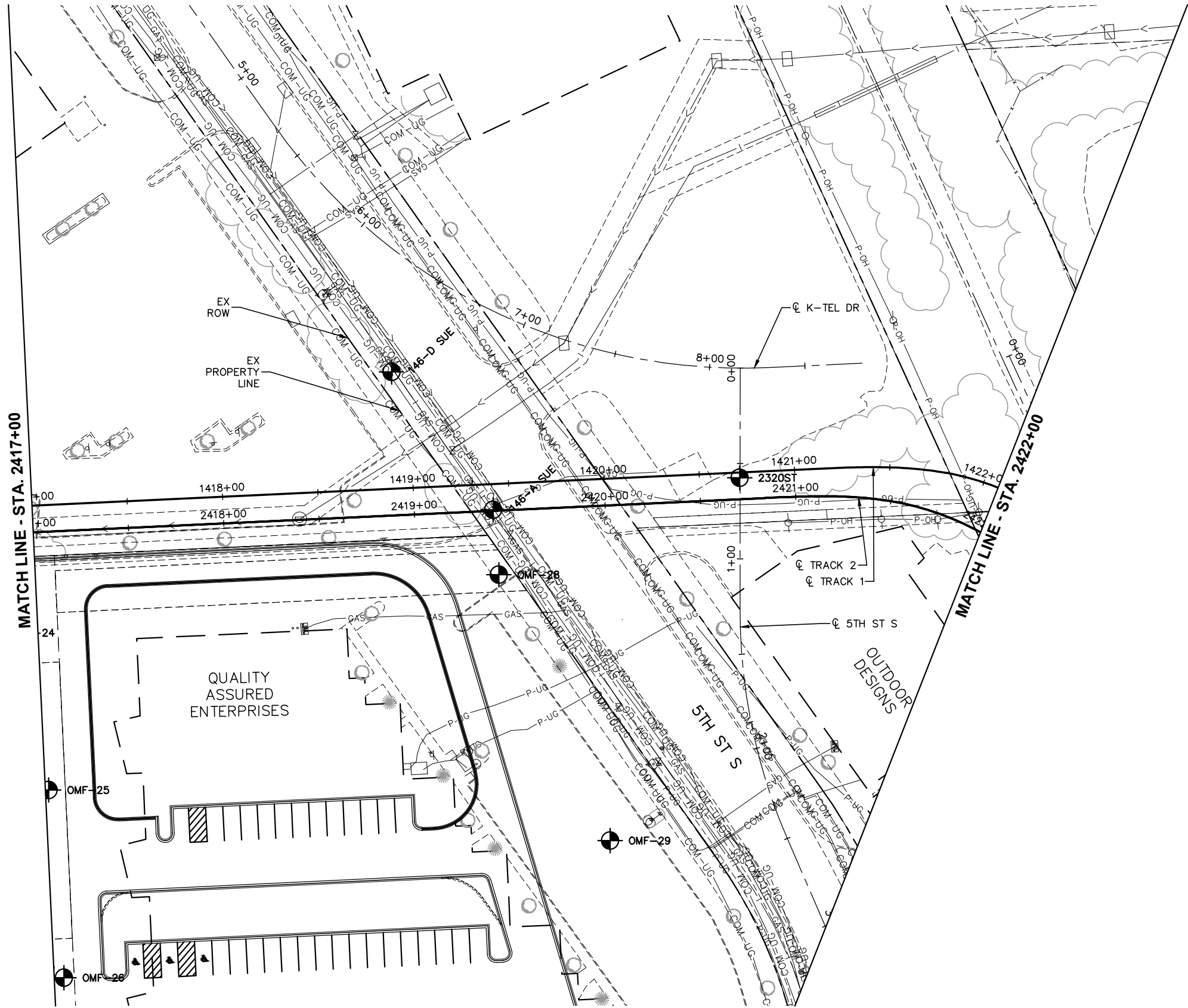
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2410+50 TO STA. 2417+00

DISCIPLINE:
SURVEY

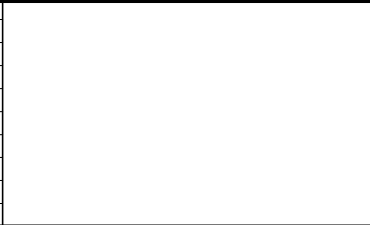
SHEET NAME:
W3-SUR-PLN-046

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Sep. 21 2015 11:29 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch



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60% SUBMISSION - 9/28/15

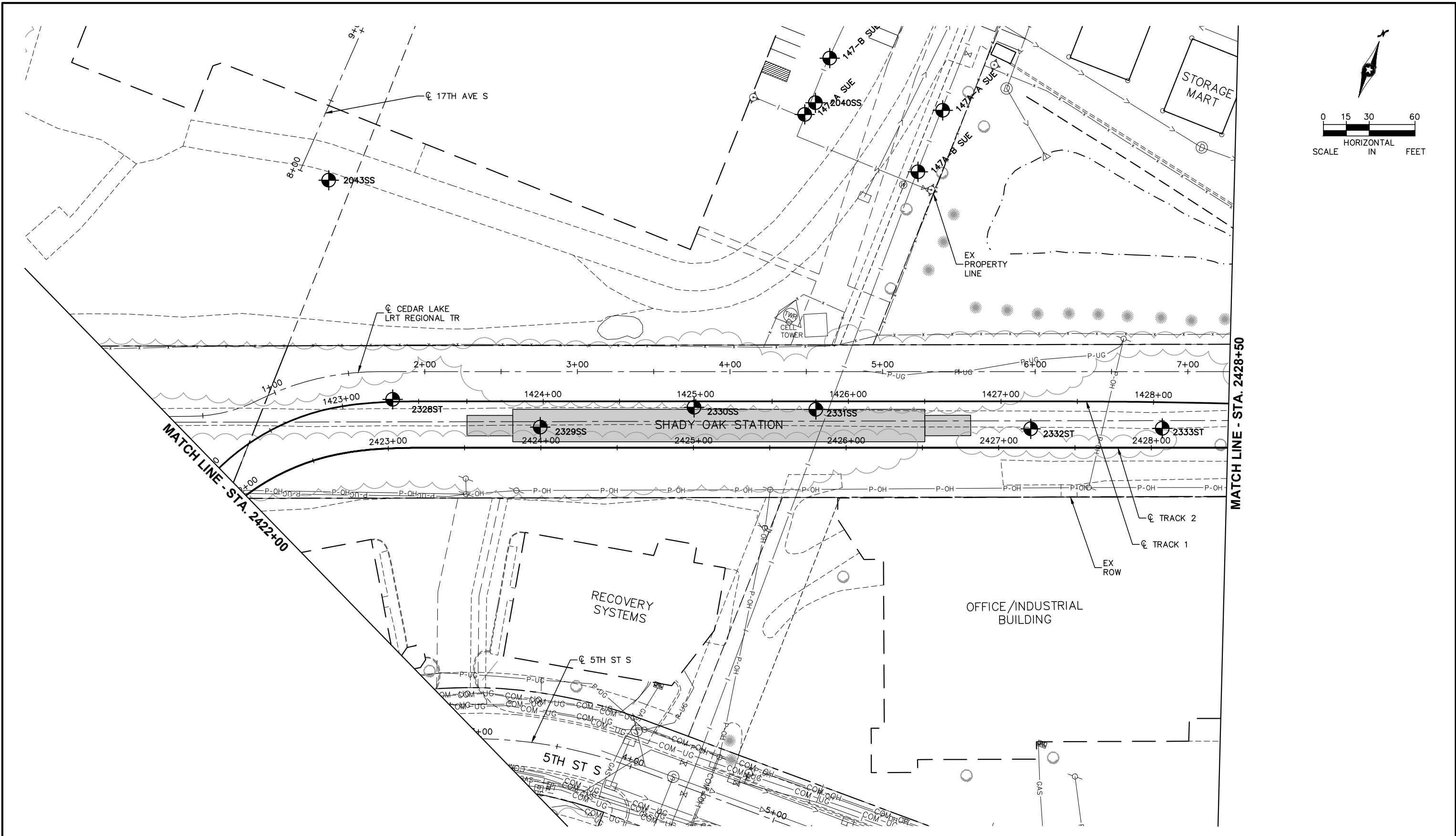


CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2417+00 TO STA. 2422+00

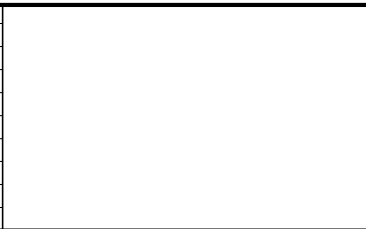
DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-047

SHEET
59
OF
96

Sep. 21 2015 11:29 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch



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CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2422+00 TO STA. 2428+50

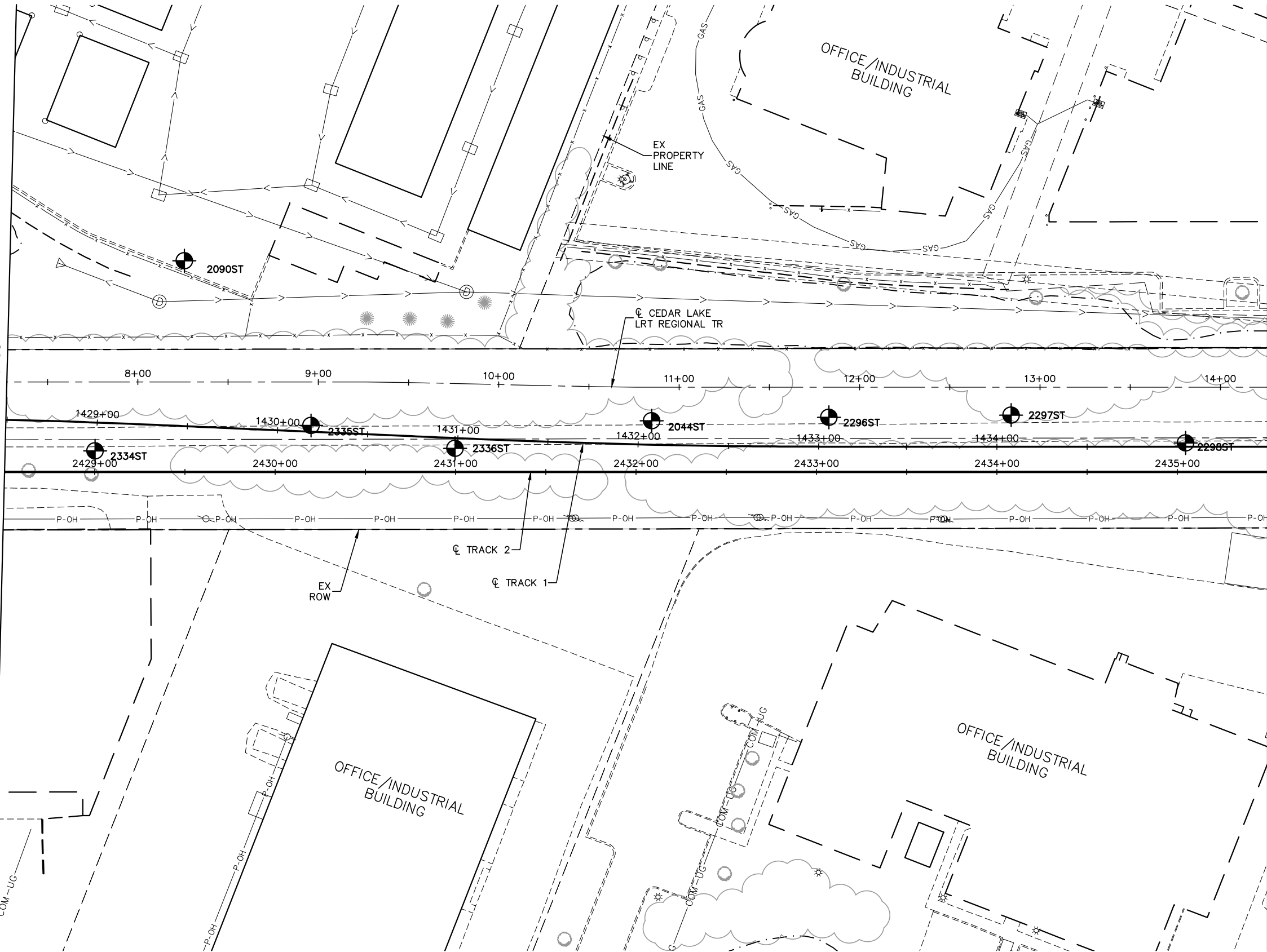
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SURVEY

SHEET NAME:
W3-SUR-PLN-048

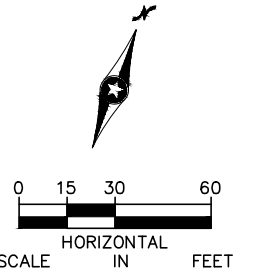
SHEET
60
OF
96

Sep. 21 2015 11:30 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch

MATCH LINE - STA. 2428+50



MATCH LINE - STA. 2435+50



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AECOM

RANI
engineering

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**METROPOLITAN**
COUNCIL

**SOUTHWEST**
Green Line LRT Extension

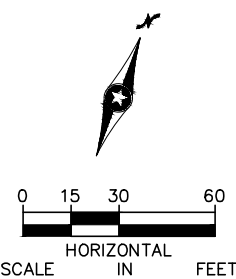
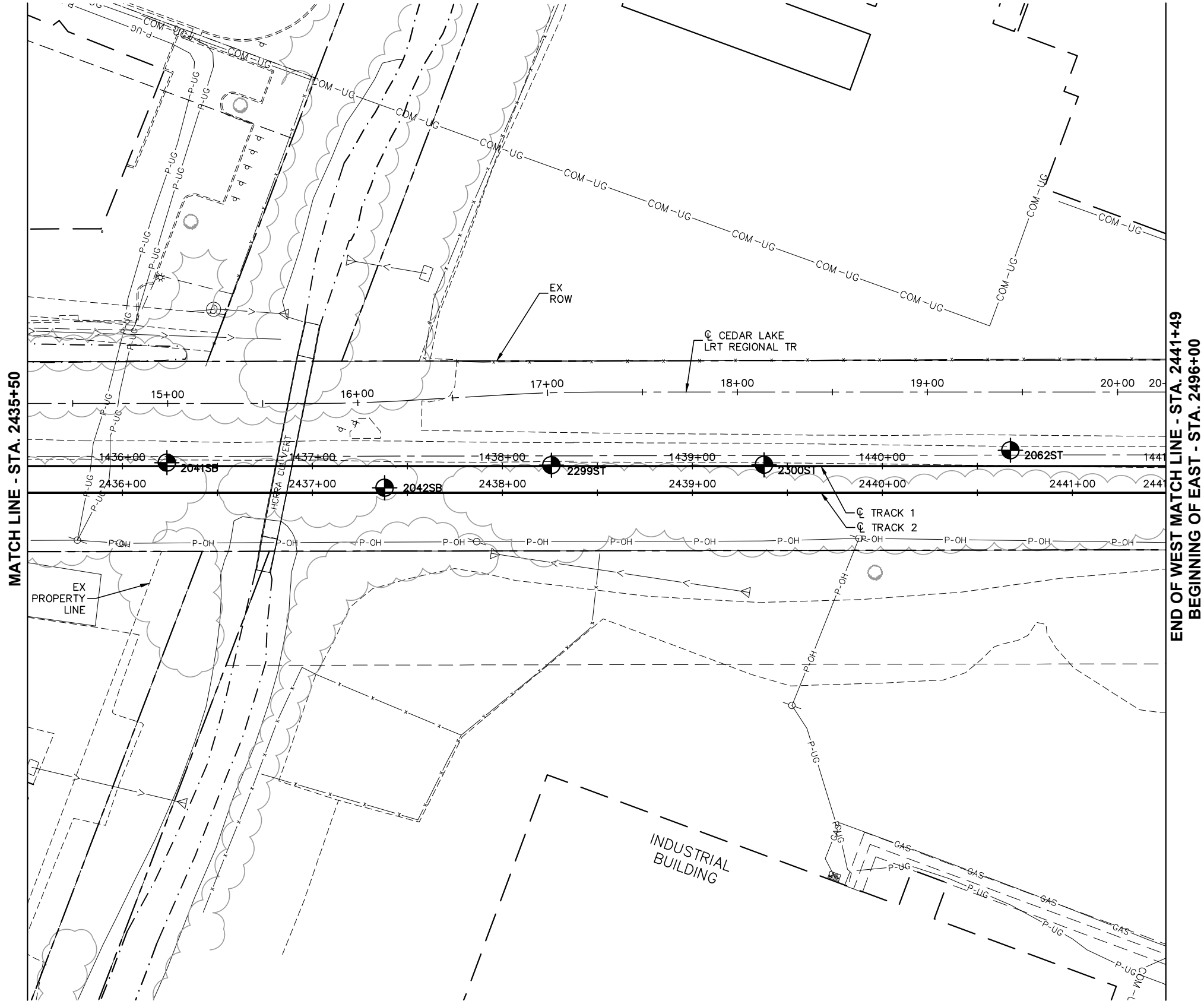
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2428+50 TO STA. 2435+50

DISCIPLINE:
SURVEY

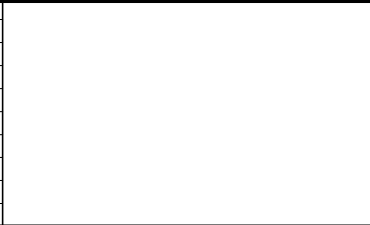
SHEET NAME:
W3-SUR-PLN-049

SHEET
61
OF
96

Sep. 21 2015 11:30 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





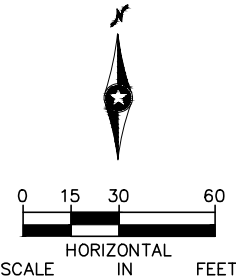
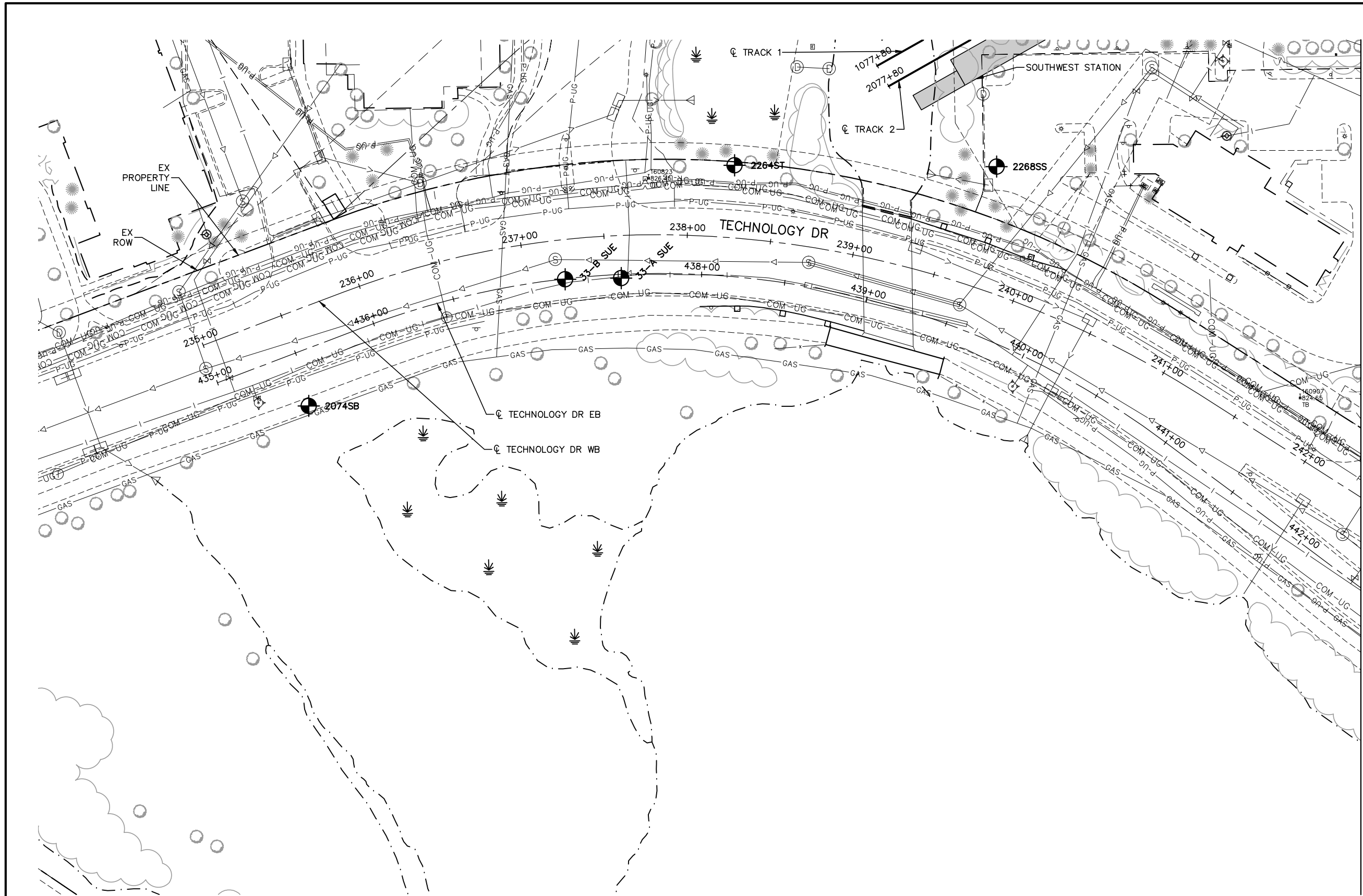
60% SUBMISSION - 9/28/15



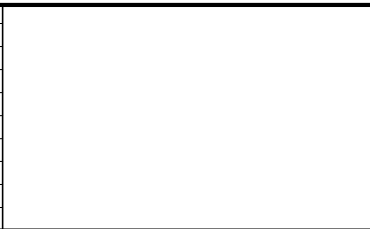
CIVIL WEST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA. 2435+50 TO STA. 2441+49

DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-050

Sep. 21 2015 11:30 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



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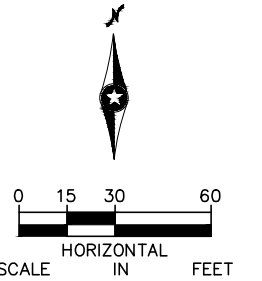
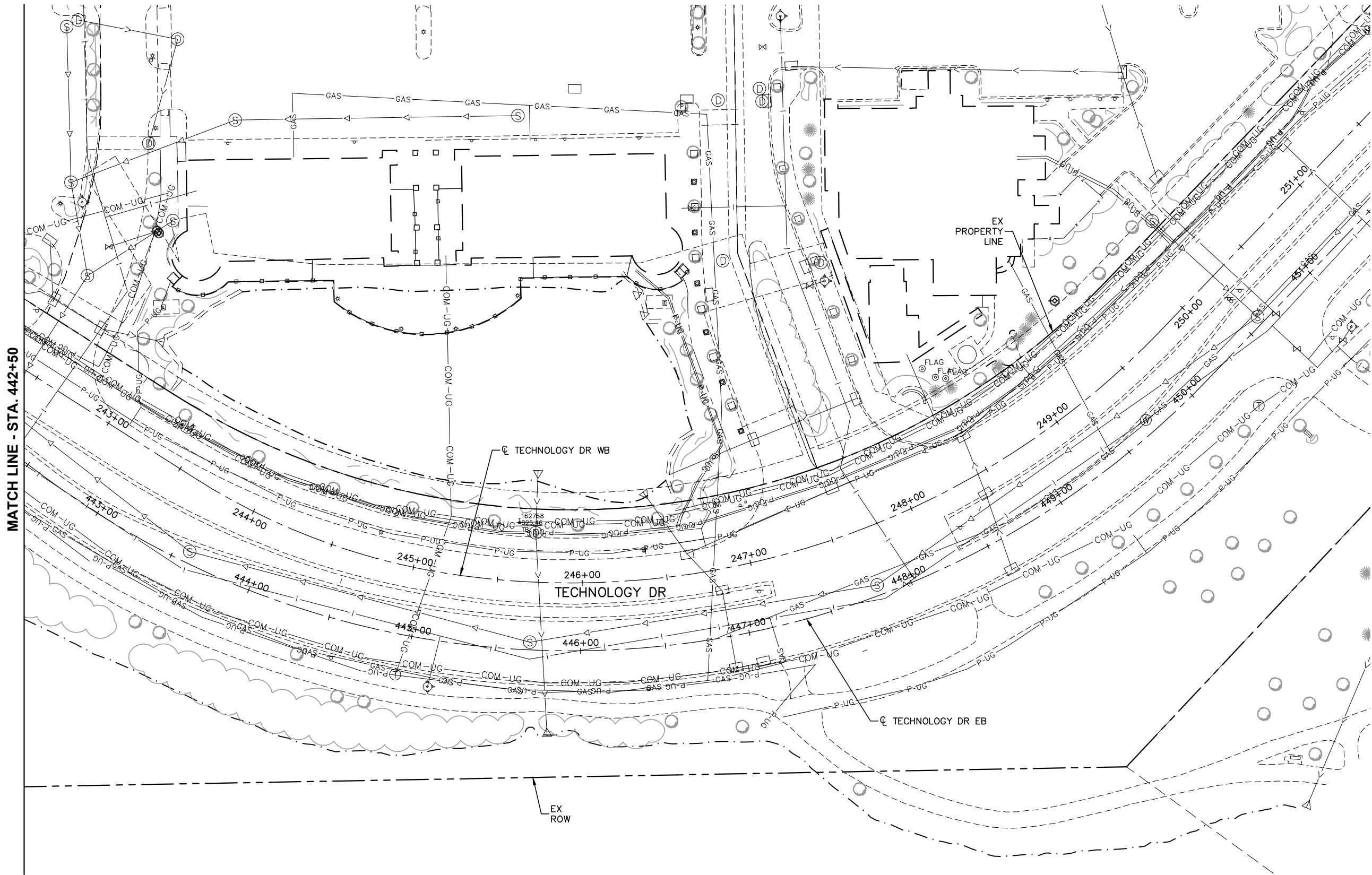


CIVIL WEST - VOLUME 1
GENERAL
TECHNOLOGY DR
STA. 435+00 TO STA. 442+50

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-051

SHEET
63
OF
96

Sep. 21 2015 11:30 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



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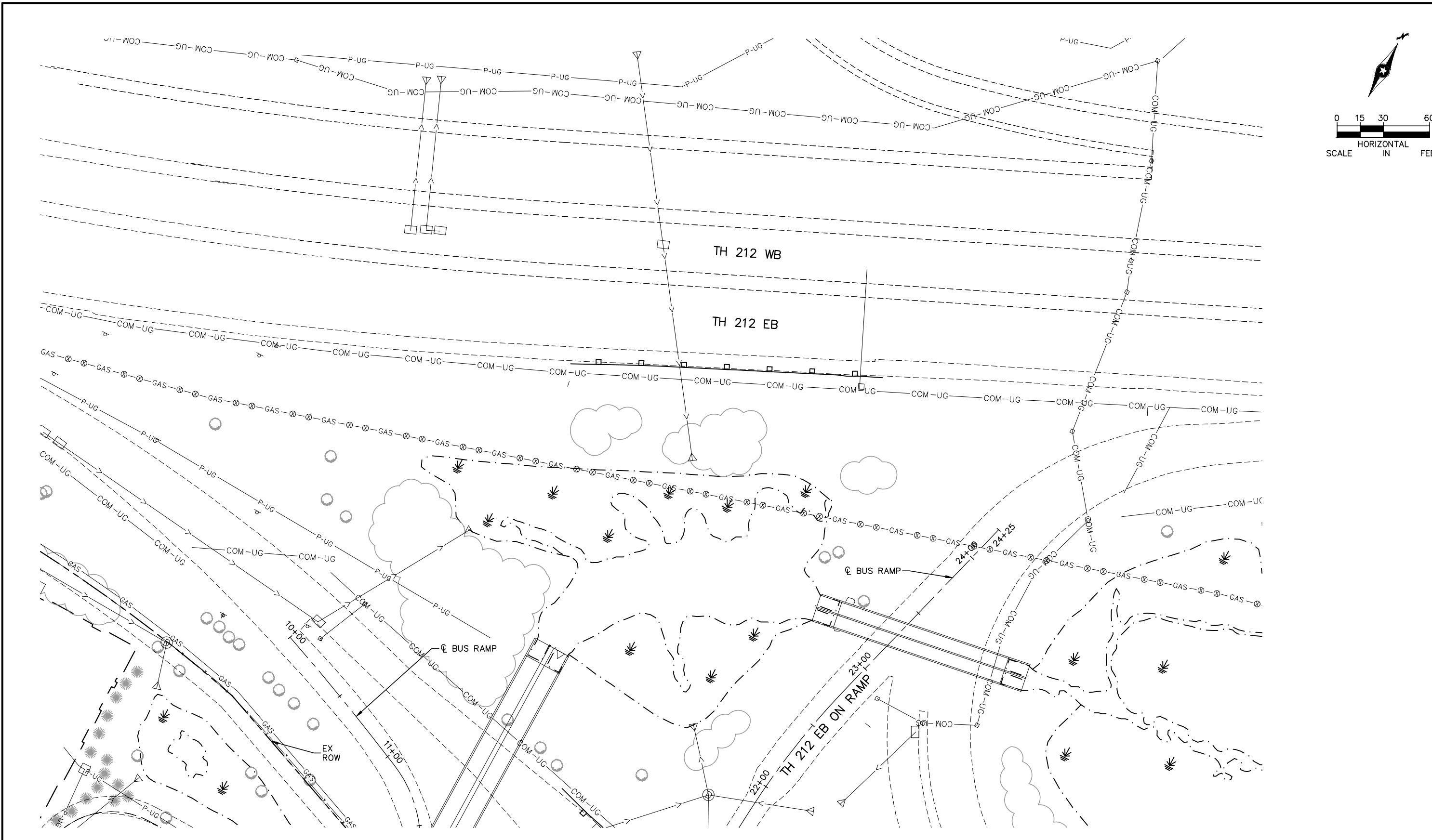
CIVIL WEST - VOLUME 1
GENERAL
TECHNOLOGY DR
STA. 442+50 TO STA. 451+50

DISCIPLINE:
SURVEY

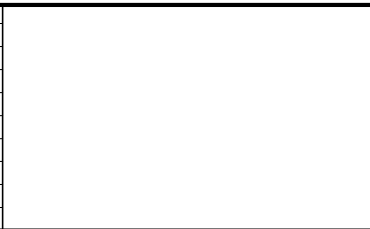
SHEET NAME:
W1-SUR-PLN-052

SHEET
64
OF
96

Sep. 21 2015 11:31 am v:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 9/28/15

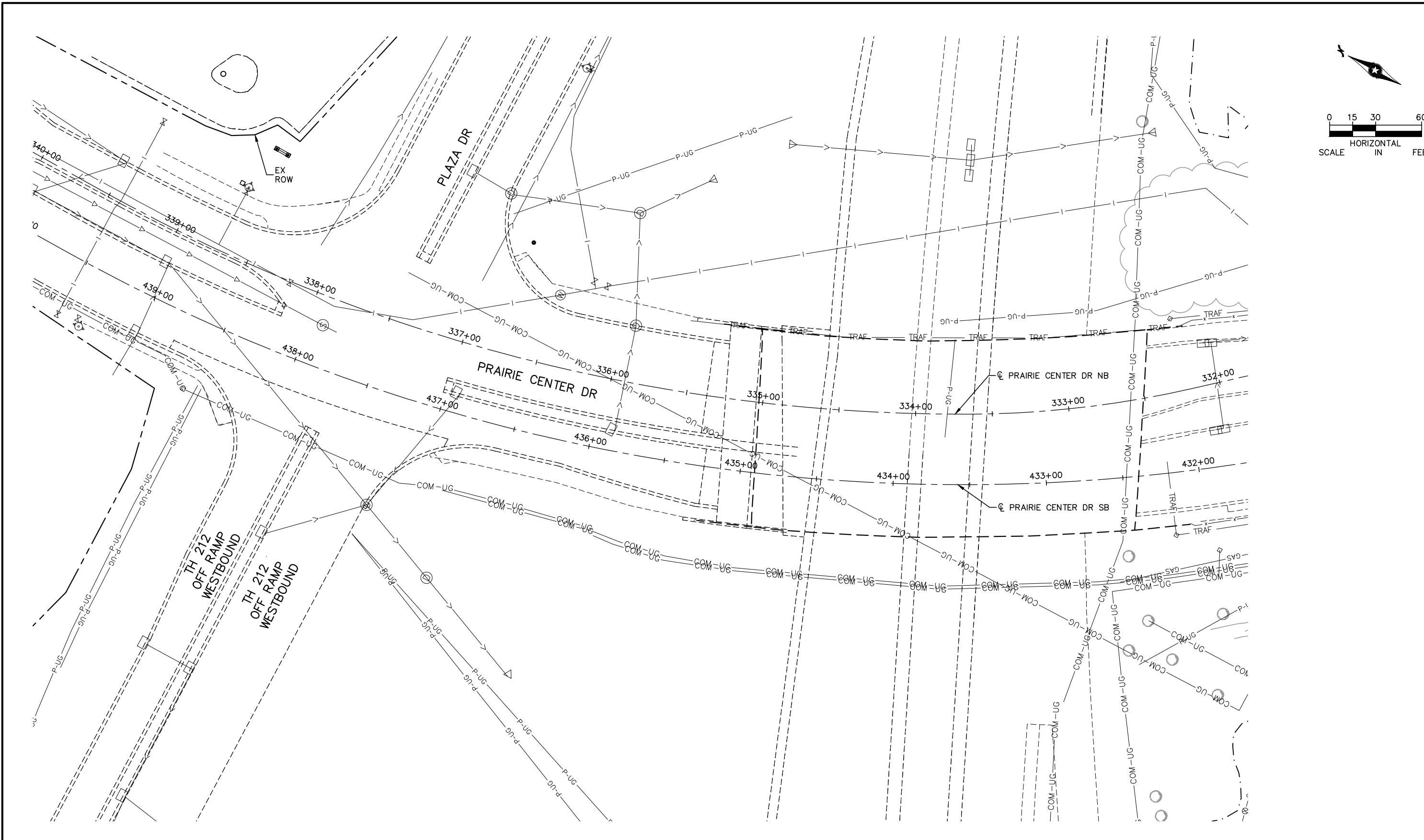


CIVIL WEST - VOLUME 1
GENERAL
TH 212 EB ON RAMP
STA. 22+00 TO STA. 24+25

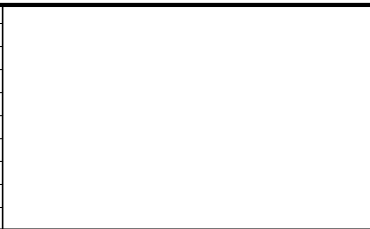
DISCIPLINE:
SURVEY

SHEET NAME:
W1-SUR-PLN-053

Sep. 21 2015 11:31 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 9/28/15

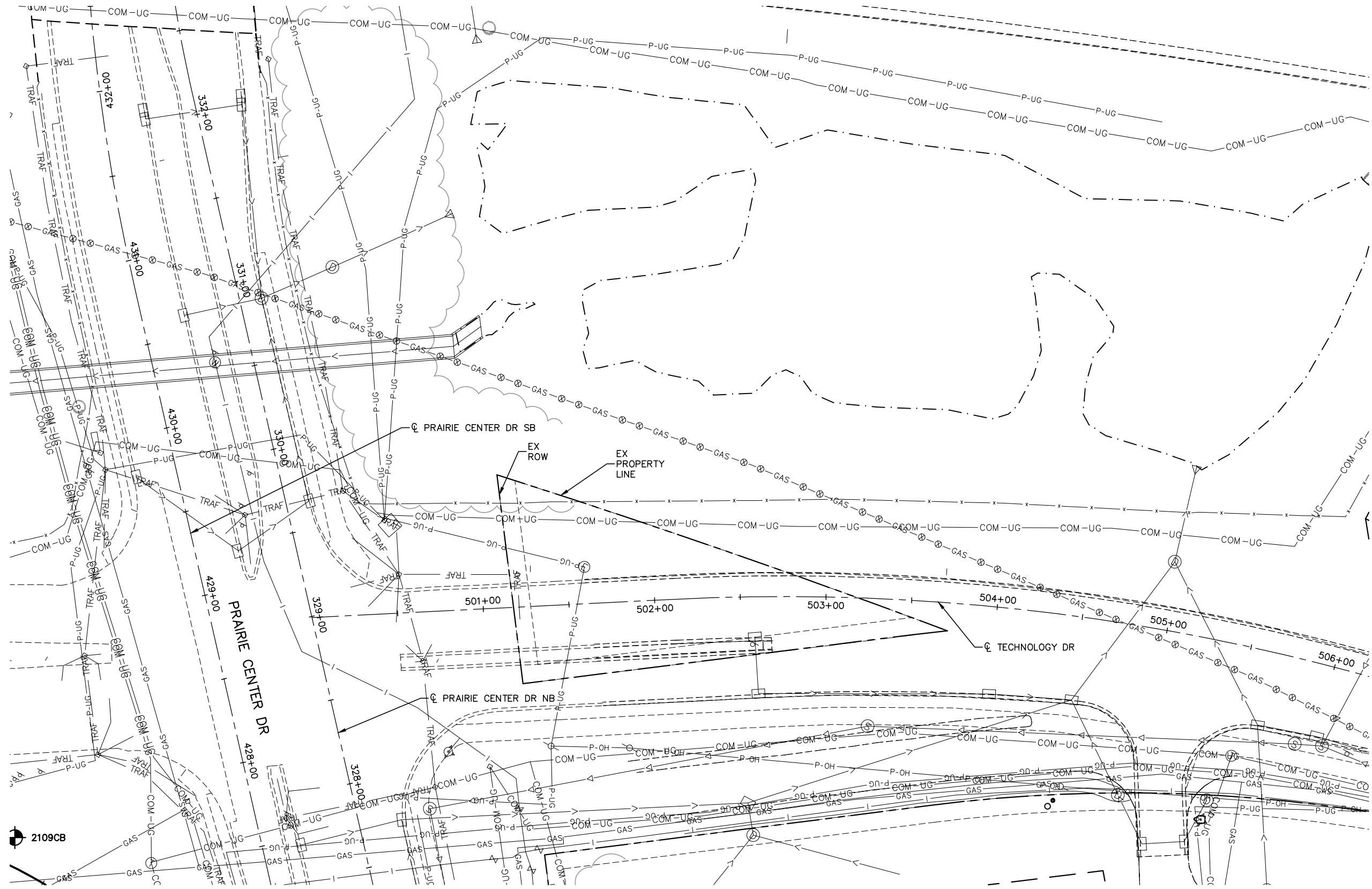


CIVIL WEST - VOLUME 1
GENERAL
PRAIRIE CENTER DR
STA. 440+00 TO STA. 432+00

DISCIPLINE: SURVEY

SHEET NAME: W1-SUR-PLN-054

Sep. 21 2015 11:31 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

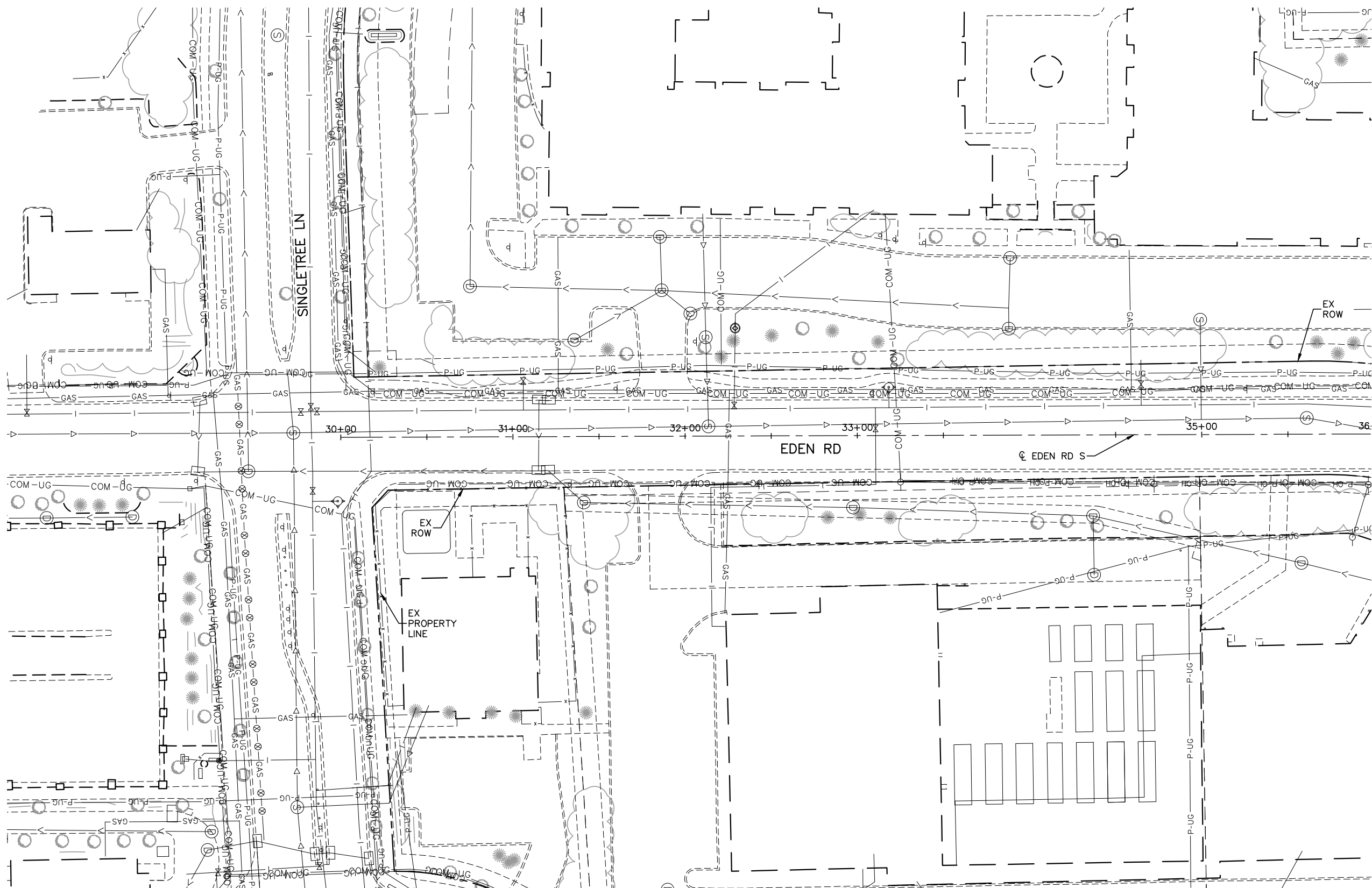


60% SUBMISSION - 9/28/15



CIVIL WEST - VOLUME 1
GENERAL
TECHNOLOGY DR
STA. 500+00 TO STA. 506+00

DISCIPLINE: SURVEY
SHEET NAME: W1-SUR-PLN-055

[illegible]

RANI
engineering



METROPOLITAN
COUNCIL

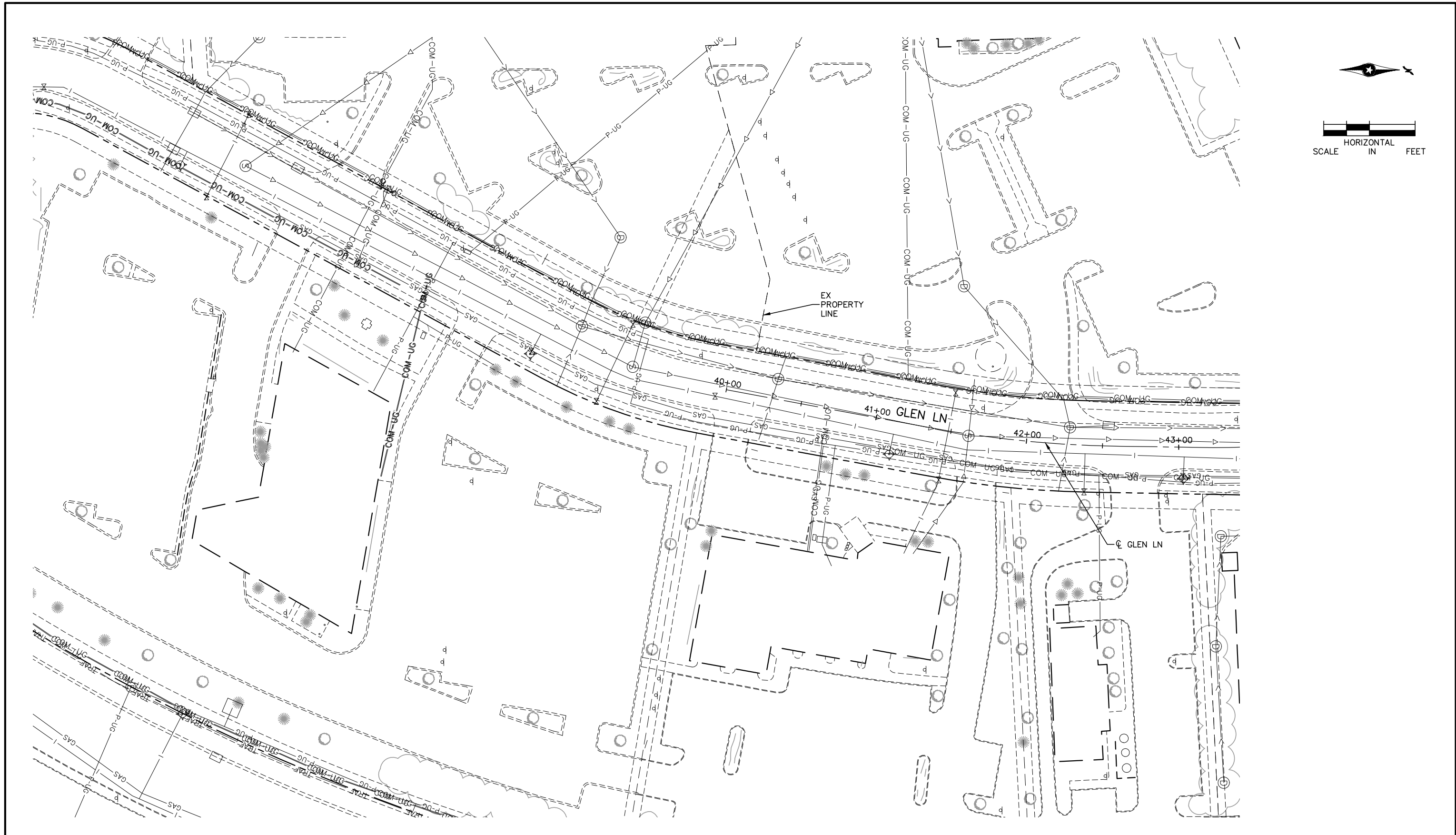
SOUTHWEST

DISCIPLINE: **SURVEY**

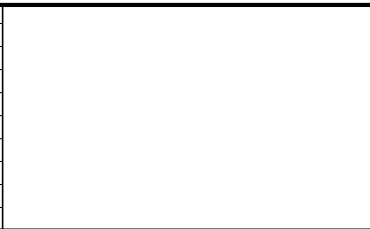
SHEET NAME:	W1-SUR-PLN-056
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	SHEET
	68
	OF
	96

Sep. 21 2015 11:32 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



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60% SUBMISSION - 9/28/15



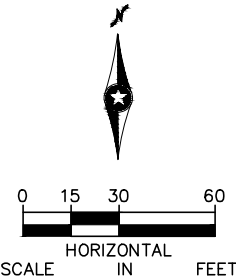
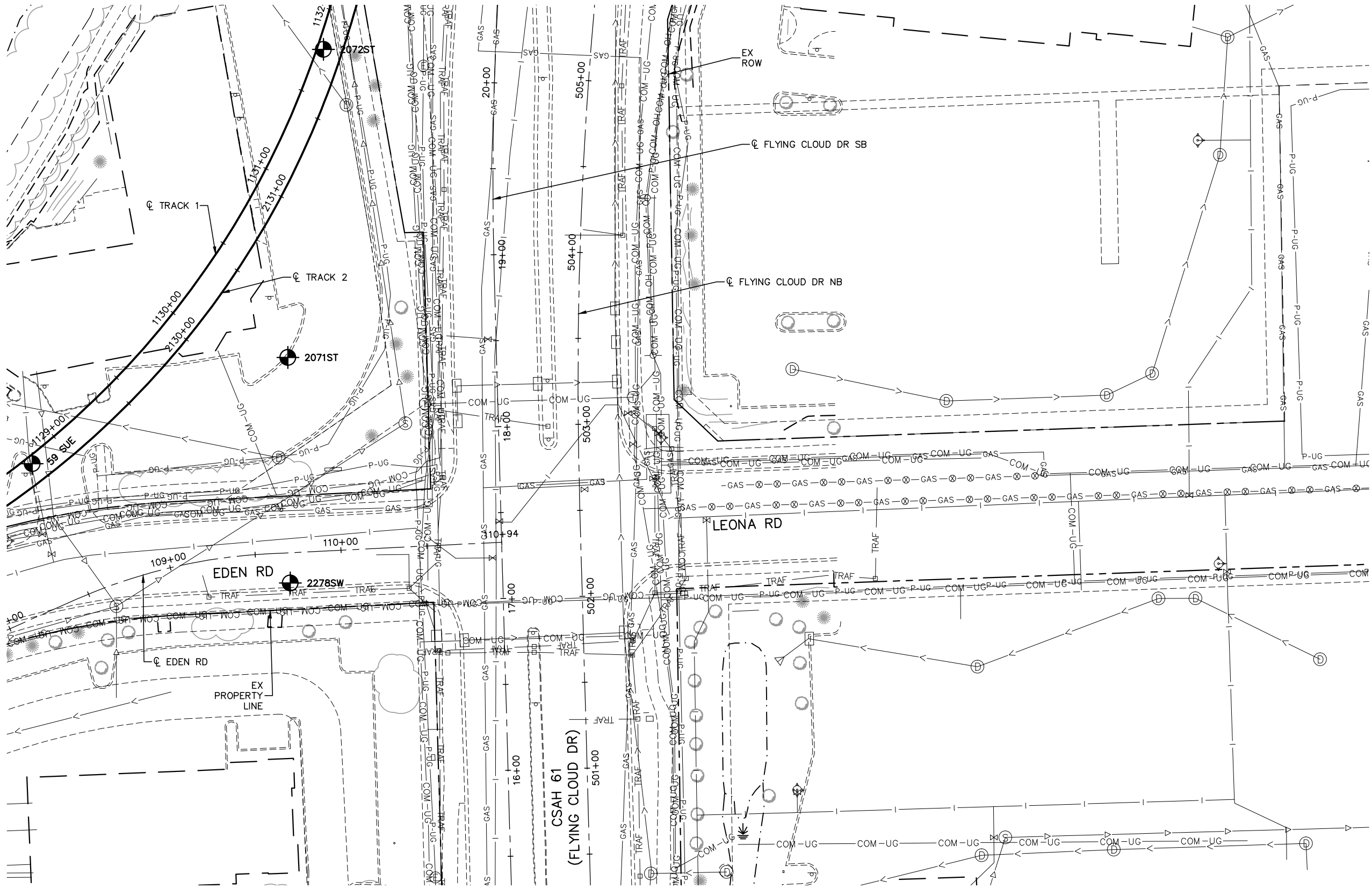
CIVIL WEST - VOLUME 1
GENERAL
GLEN LN
STA. 40+00 TO STA. 43+00

DISCIPLINE:
SURVEY

SHEET NAME:
W1-SUR-PLN-057

SHEET
69
OF
96

Sep. 21 2015 11:32 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL




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CIVIL WEST - VOLUME 1
GENERAL
CSAH 61 (FLYING CLOUD DR)
STA. 500+50 TO STA. 505+50

DISCIPLINE:
SURVEY

SHEET NAME:
W1-SUR-PLN-058

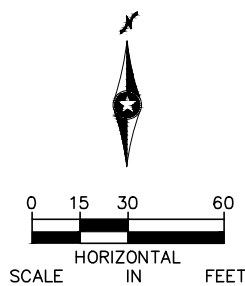
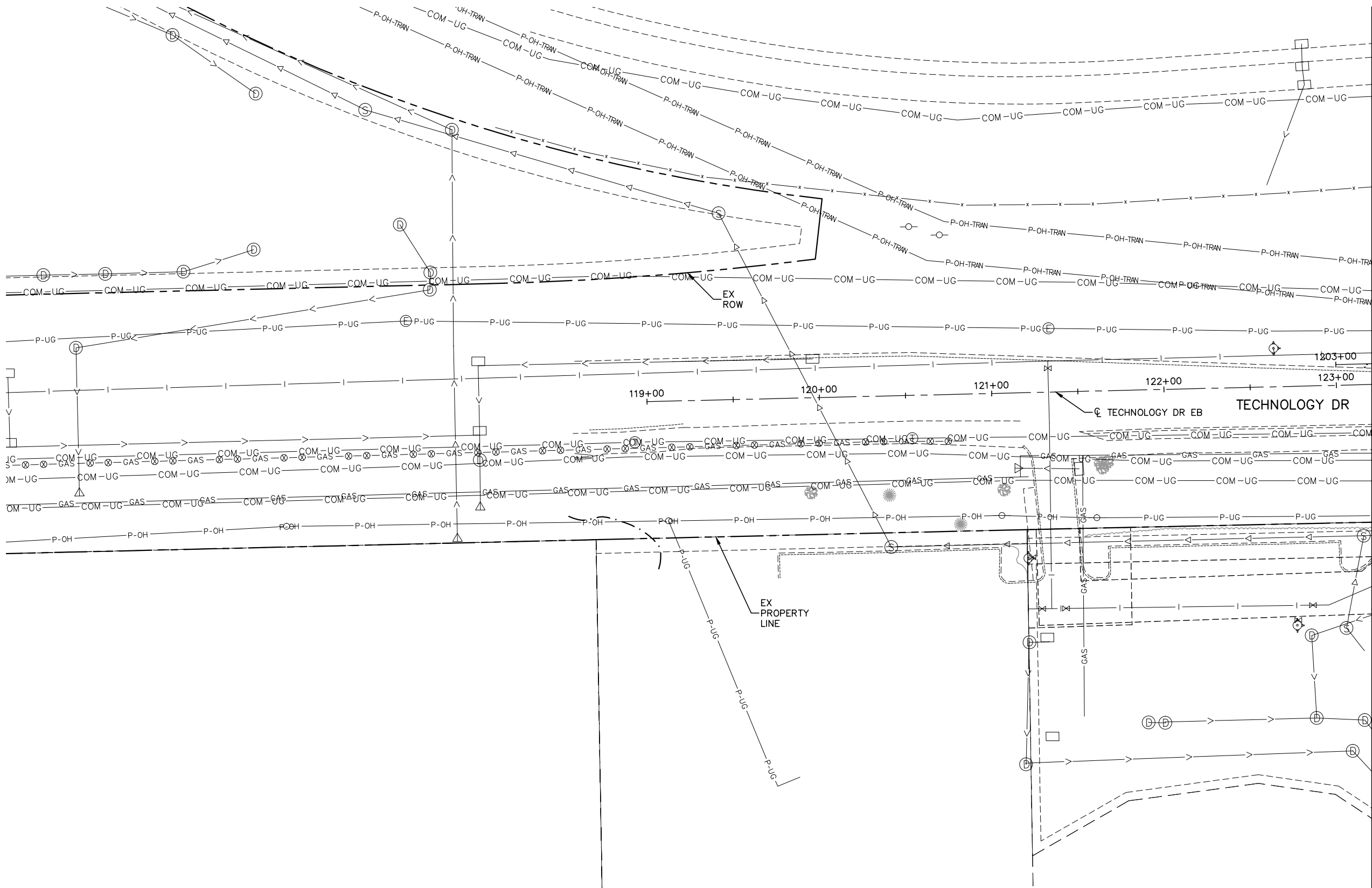
SHEET

70

OF

96

Sep. 21 2015 11:33 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



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60% SUBMISSION - 9/28/15

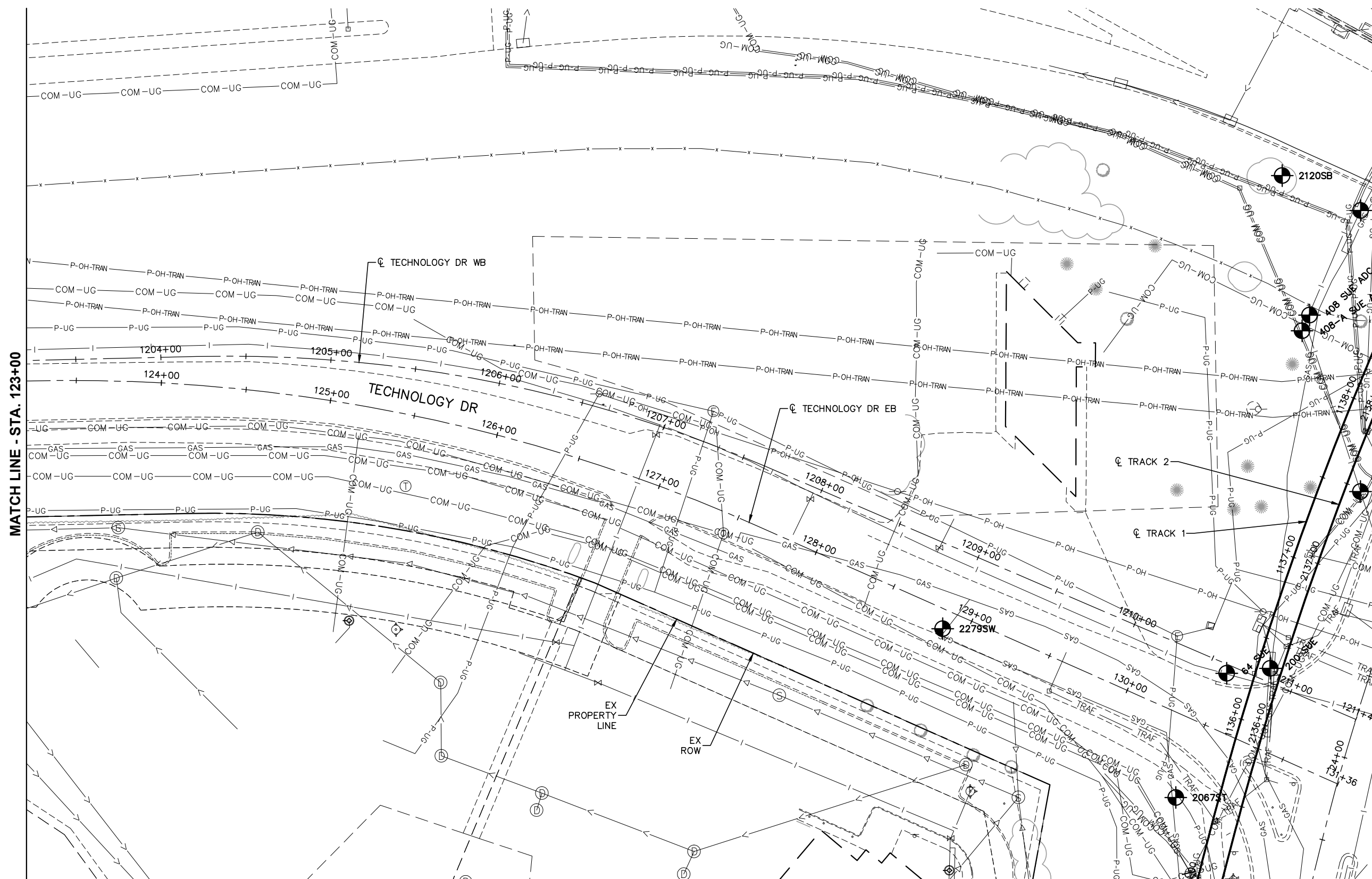
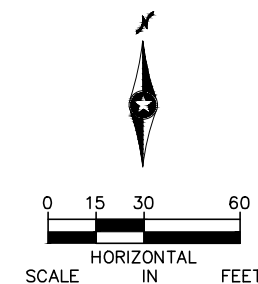


CIVIL WEST - VOLUME 1
GENERAL
TECHNOLOGY DR
STA. 119+00 TO STA. 123+00

DISCIPLINE:
SURVEY

SHEET NAME:
W1-SUR-PLN-059

SHEET
71
OF
96

[illegible]

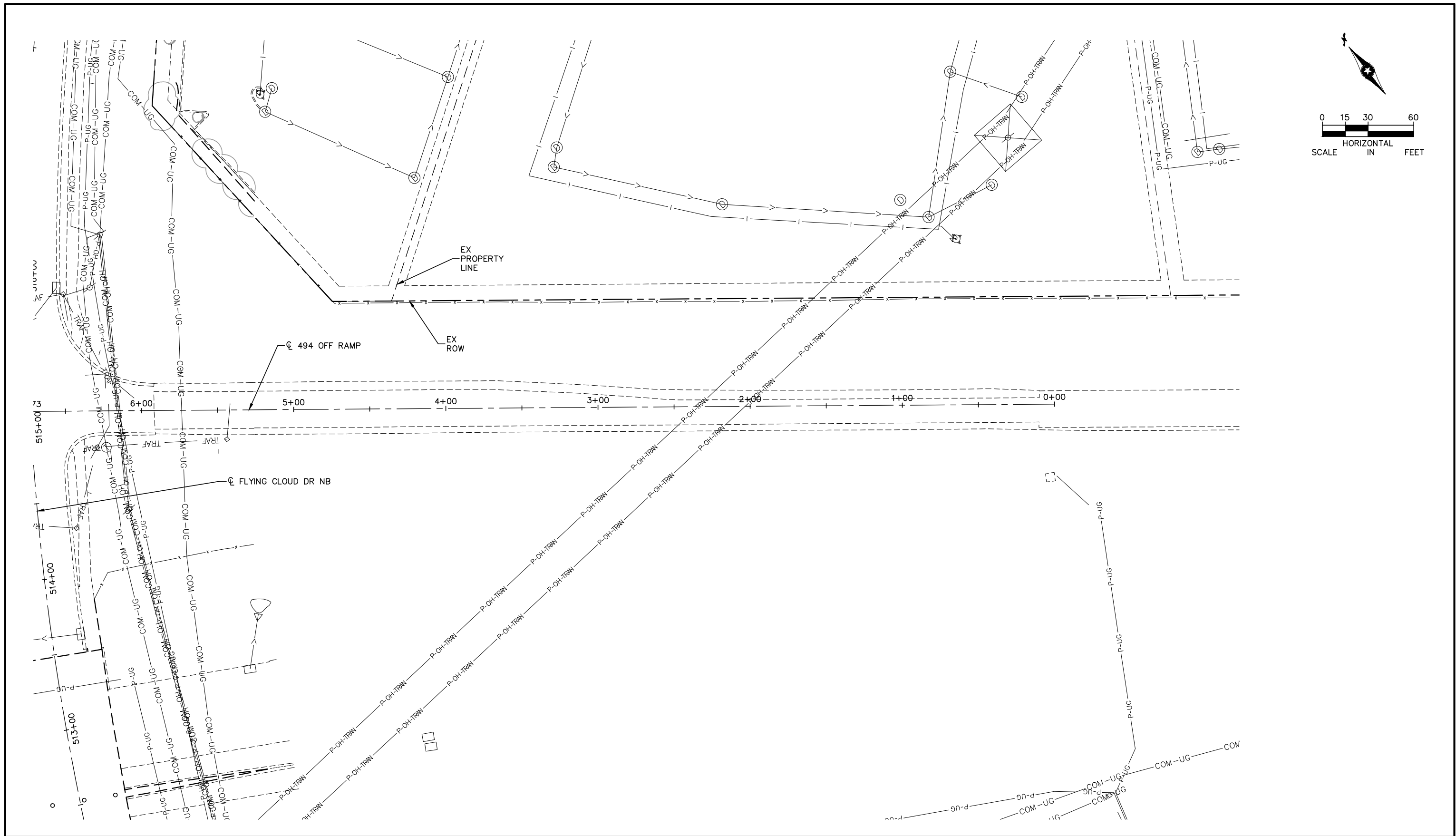
**CIVIL WEST - VOLUME 1
GENERAL
TECHNOLOGY DR
STA. 123+00 TO STA. 131+36**

DISCIPLINE: **SURVEY**

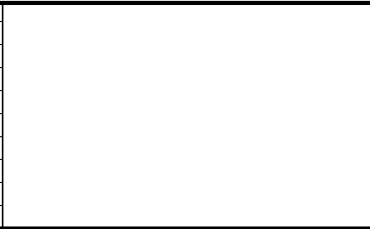
SHEET NAME:	W1-SUR-PLN-060
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	SHEET
	72
	OF
	96

Sep. 21 2015 11:33 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



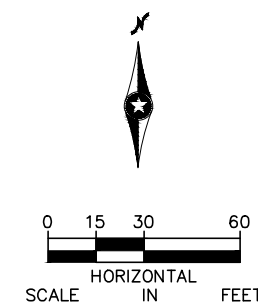
60% SUBMISSION - 9/28/15

CIVIL WEST - VOLUME 1
GENERAL
494 OFF RAMP
STA. 6+50 TO STA. 0+00

DISCIPLINE:
SURVEY

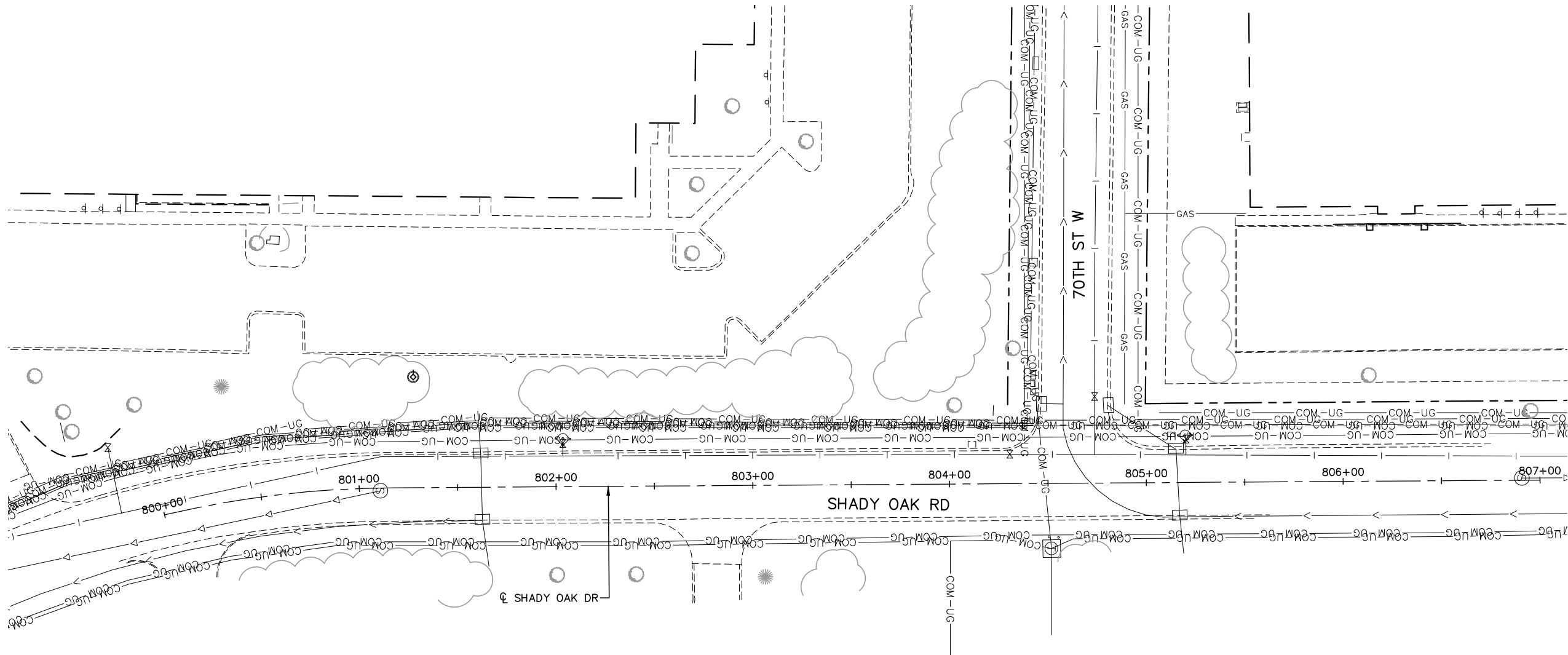
SHEET NAME:
W1-SUR-PLN-061

SHEET
73
OF
96

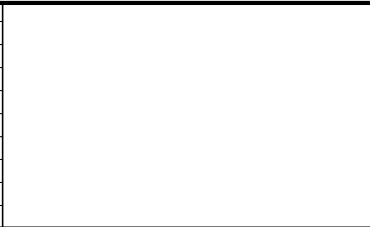


NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL	   		CIVIL WEST - VOLUME 1 GENERAL SHEET 74		SHEET 74 OF 96
						60% SUBMISSION - 9/28/15		DISCIPLINE: SURVEY	SHEET NAME: W2-SUR-PLN-062	

Sep. 24 2015 12:38 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-PLN.dwg By: arelnisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





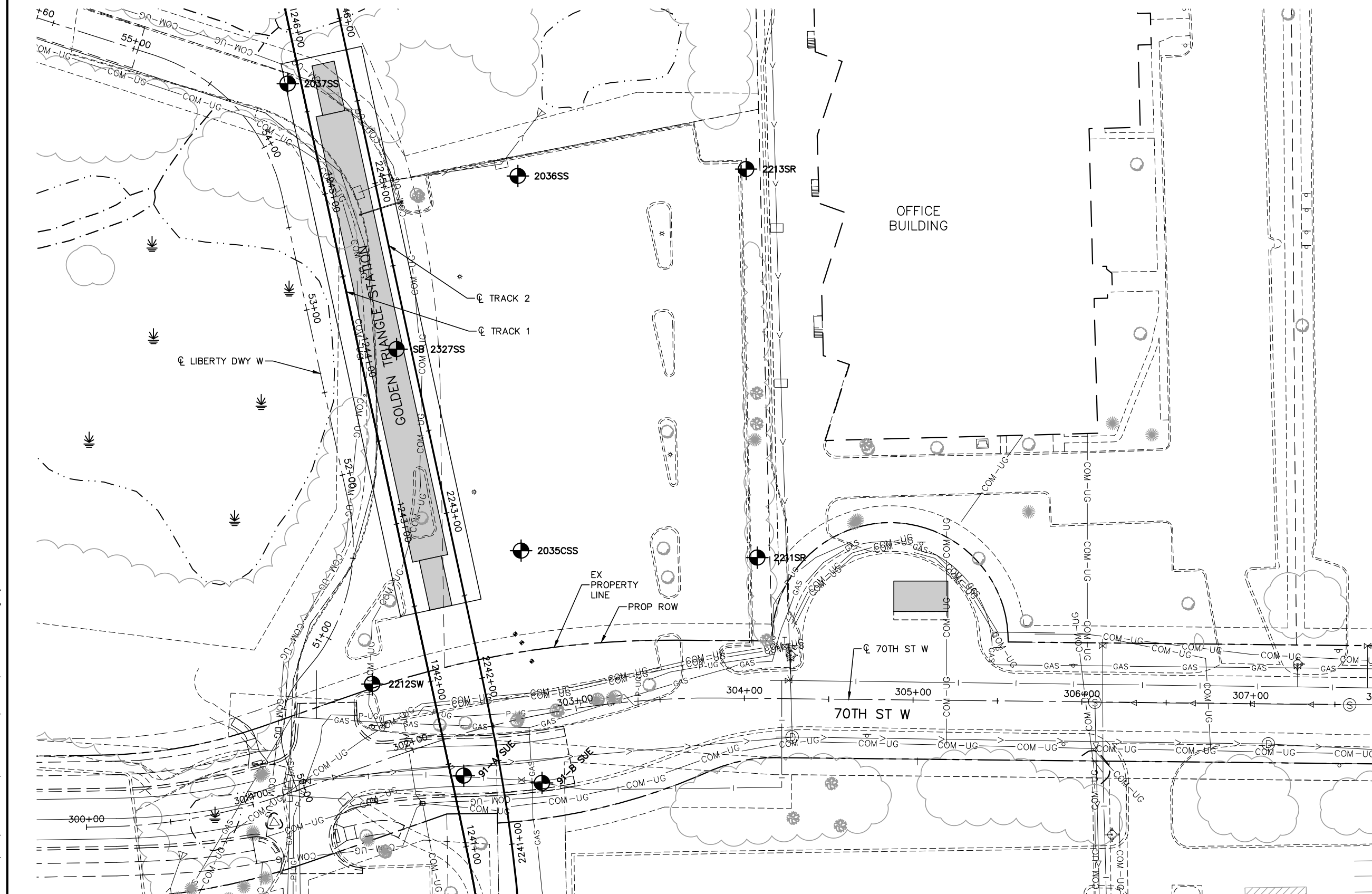
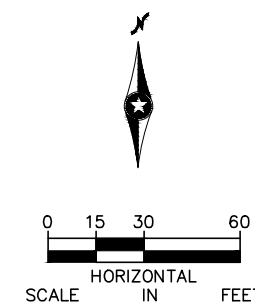
60% SUBMISSION - 9/28/15



CIVIL WEST - VOLUME 1
GENERAL
SHADY OAK RD
STA. 800+00 TO STA. 807+00

DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-063

SHEET
75
OF
96

[illegible]

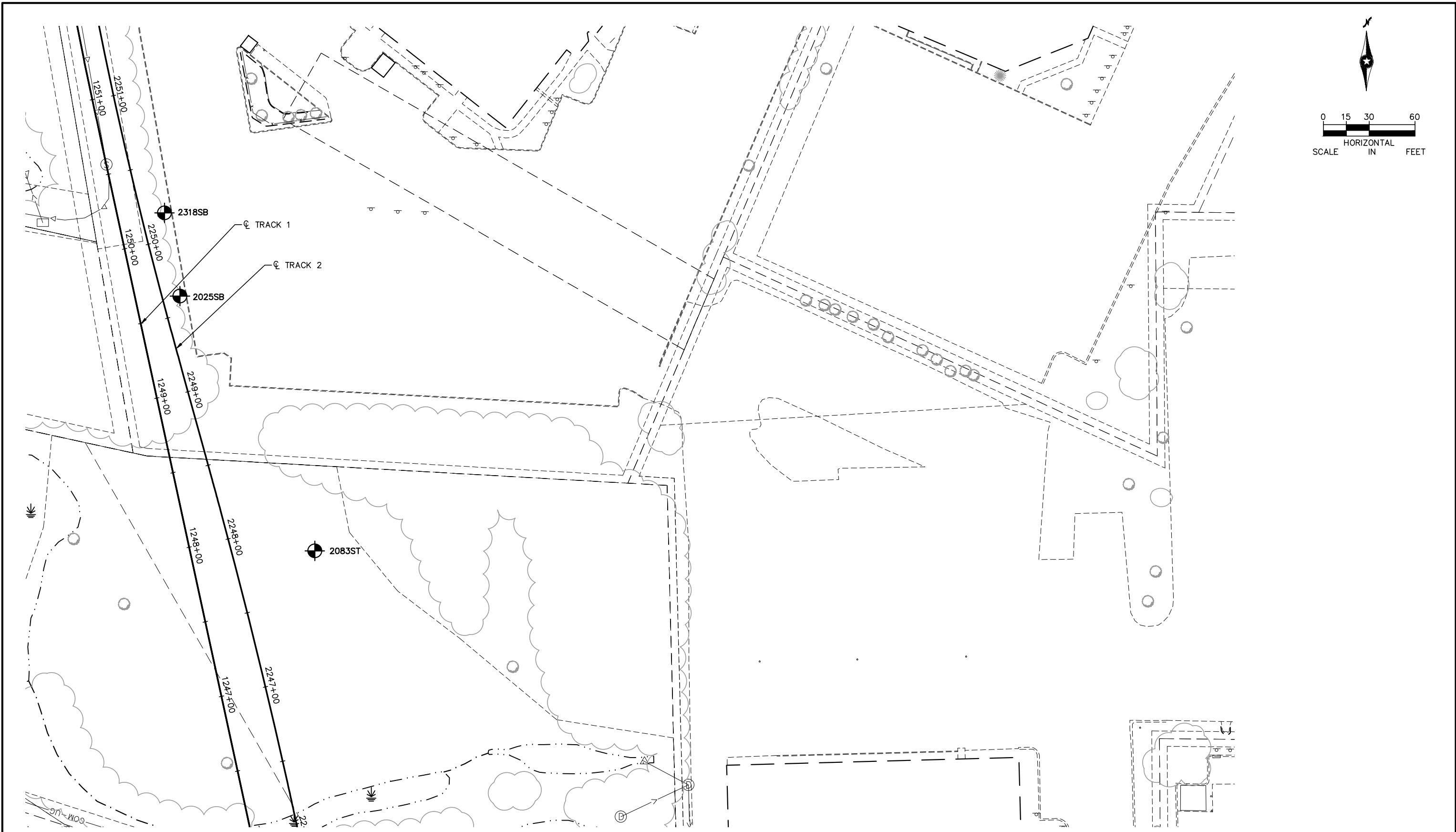
**CIVIL WEST - VOLUME 1
GENERAL
70TH ST W
STA. 300+00 TO STA. 307+80**

DISCIPLINE: **SURVEY**

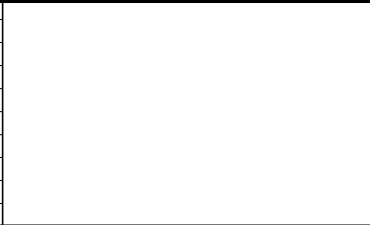
SHEET NAME:	W2-SUR-PLN-064
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	SHEET
	76
	OF
	96

Sep. 21 2015 11:34 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-PLN.dwg By: areinisch



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60% SUBMISSION - 9/28/15



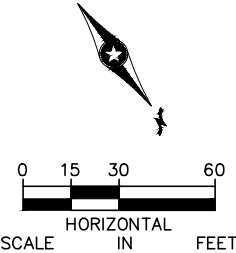
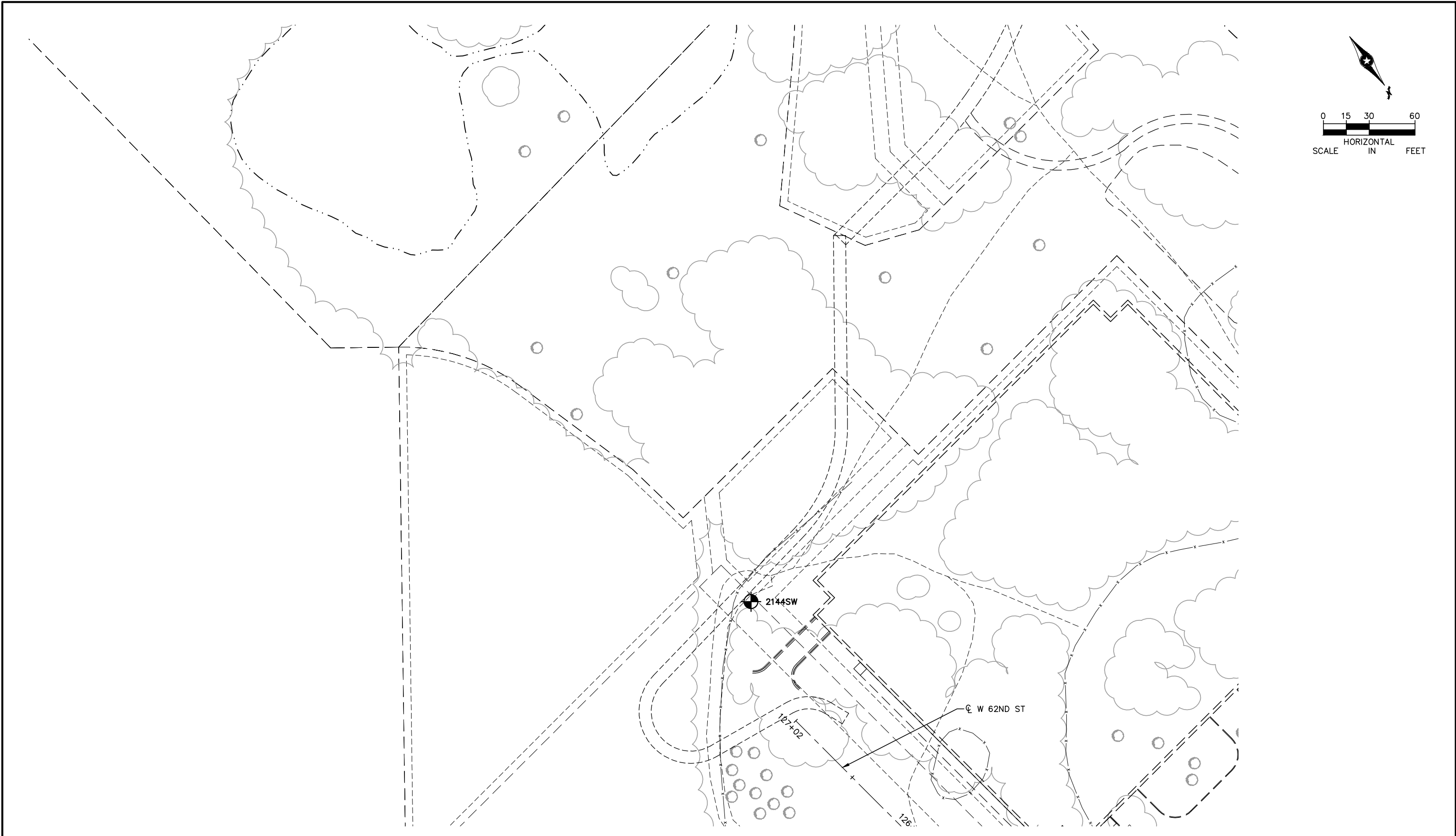
CIVIL WEST - VOLUME 1
GENERAL
SHEET 77

DISCIPLINE: SURVEY

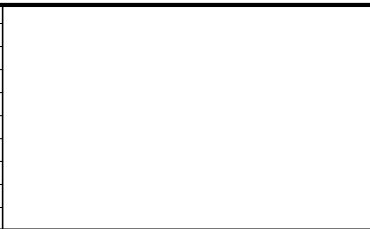
SHEET NAME: W2-SUR-PLN-065

SHEET 77 OF 96

Sep. 21 2015 11:35 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 9/28/15

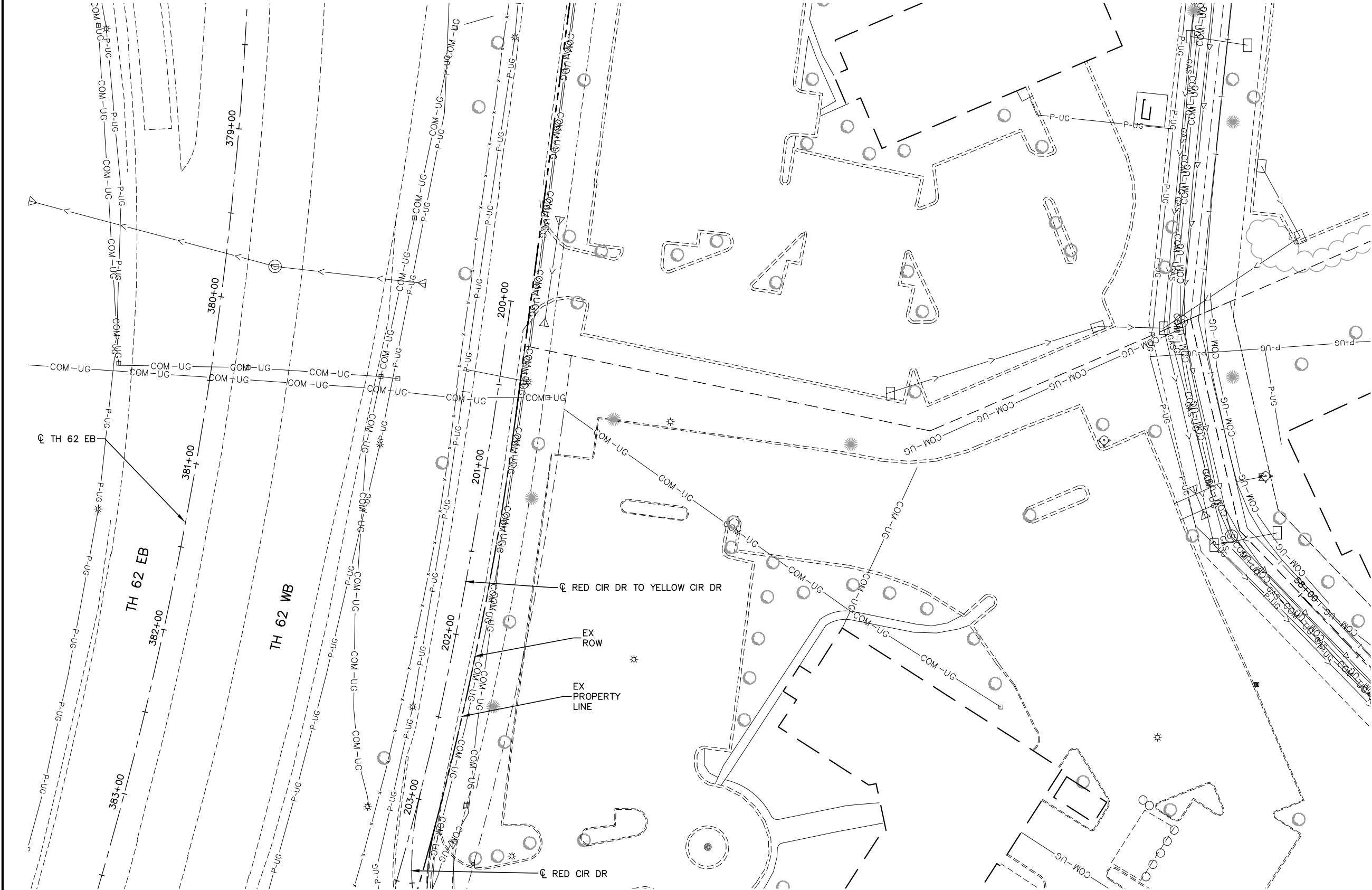


CIVIL WEST - VOLUME 1
GENERAL
W 62ND ST
STA. 127+02 TO STA. 126+00

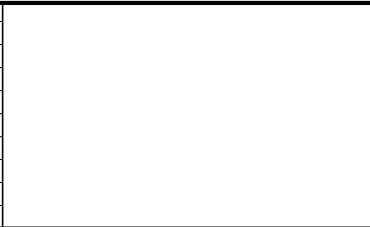
DISCIPLINE: SURVEY
SHEET NAME: W2-SUR-PLN-066

SHEET
78
OF
96

Sep. 21 2015 11:35 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 9/28/15

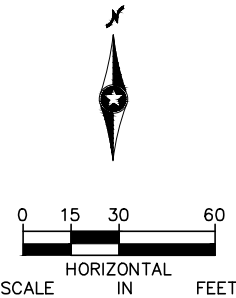
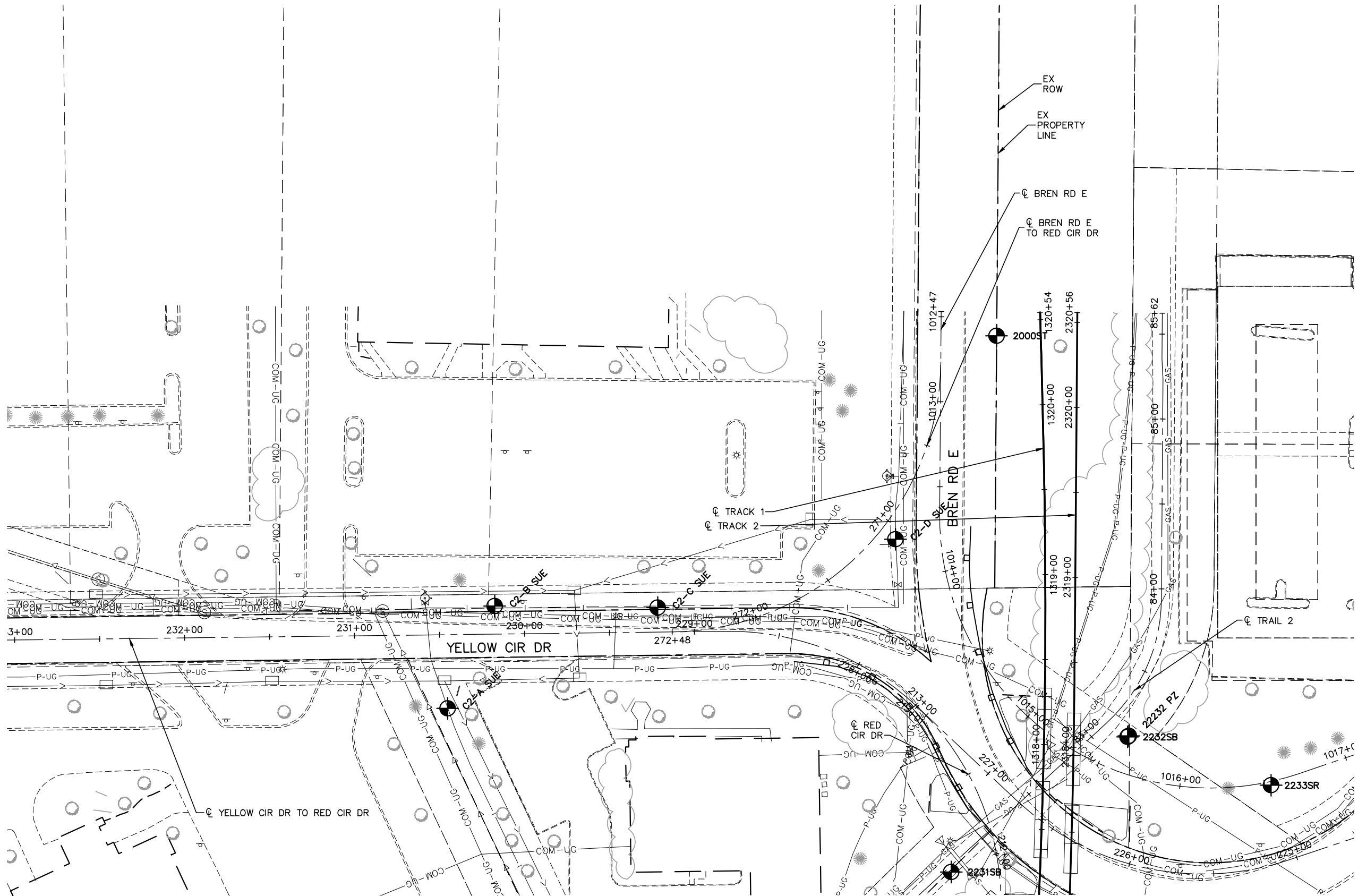


CIVIL WEST - VOLUME 1
GENERAL
RED CIRCLE DR TO YELLOW CIR DR
STA. 200+00 TO STA. 203+50

DISCIPLINE:
SURVEY

SHEET NAME:
W2-SUR-PLN-067

Sep. 21 2015 11:35 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-PLN.dwg By: areinisch



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60% SUBMISSION - 9/28/15

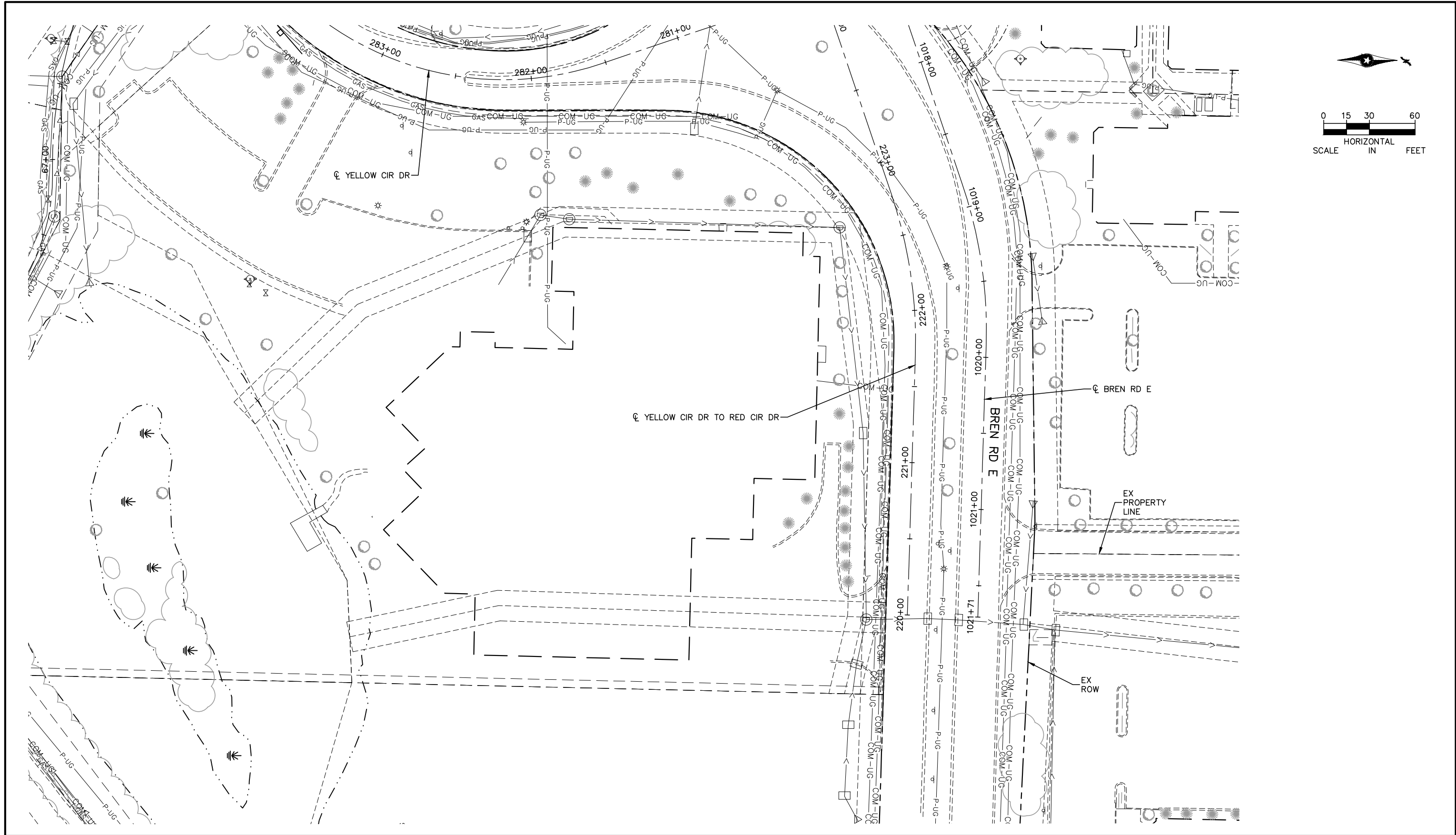


CIVIL WEST - VOLUME 1
GENERAL
RED CIRCLE DR TO YELLOW CIR DR
STA. 233+00 TO STA. 225+50

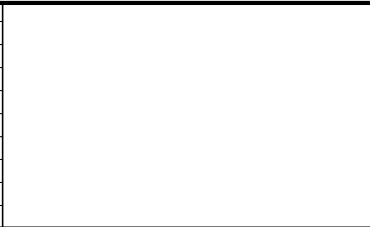
DISCIPLINE:
SURVEY

SHEET NAME:
W2-SUR-PLN-068

Sep. 21 2015 11:36 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-PLN.dwg By: areinisch



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60% SUBMISSION - 9/28/15



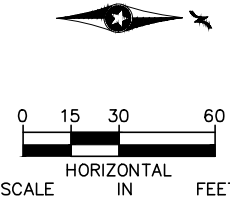
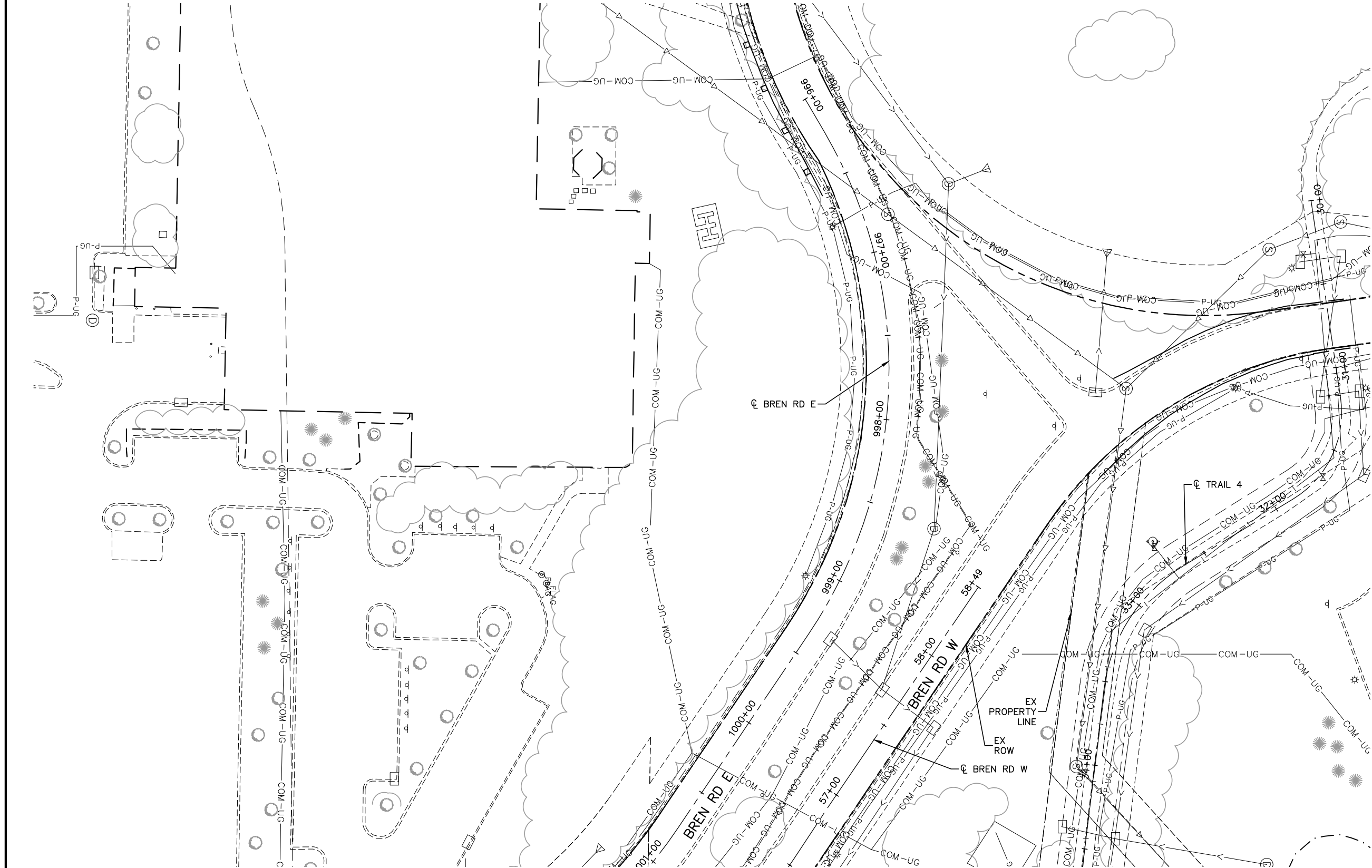
CIVIL WEST - VOLUME 1
GENERAL
BREN RD E
STA. 1018+00 TO STA. 1021+71

DISCIPLINE:
SURVEY

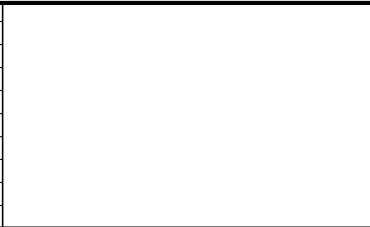
SHEET NAME:
W2-SUR-PLN-069

SHEET
81
OF
96

Sep. 21 2015 11:37 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





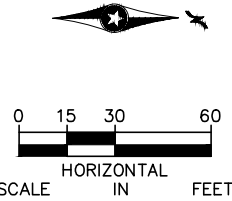
60% SUBMISSION - 9/28/15



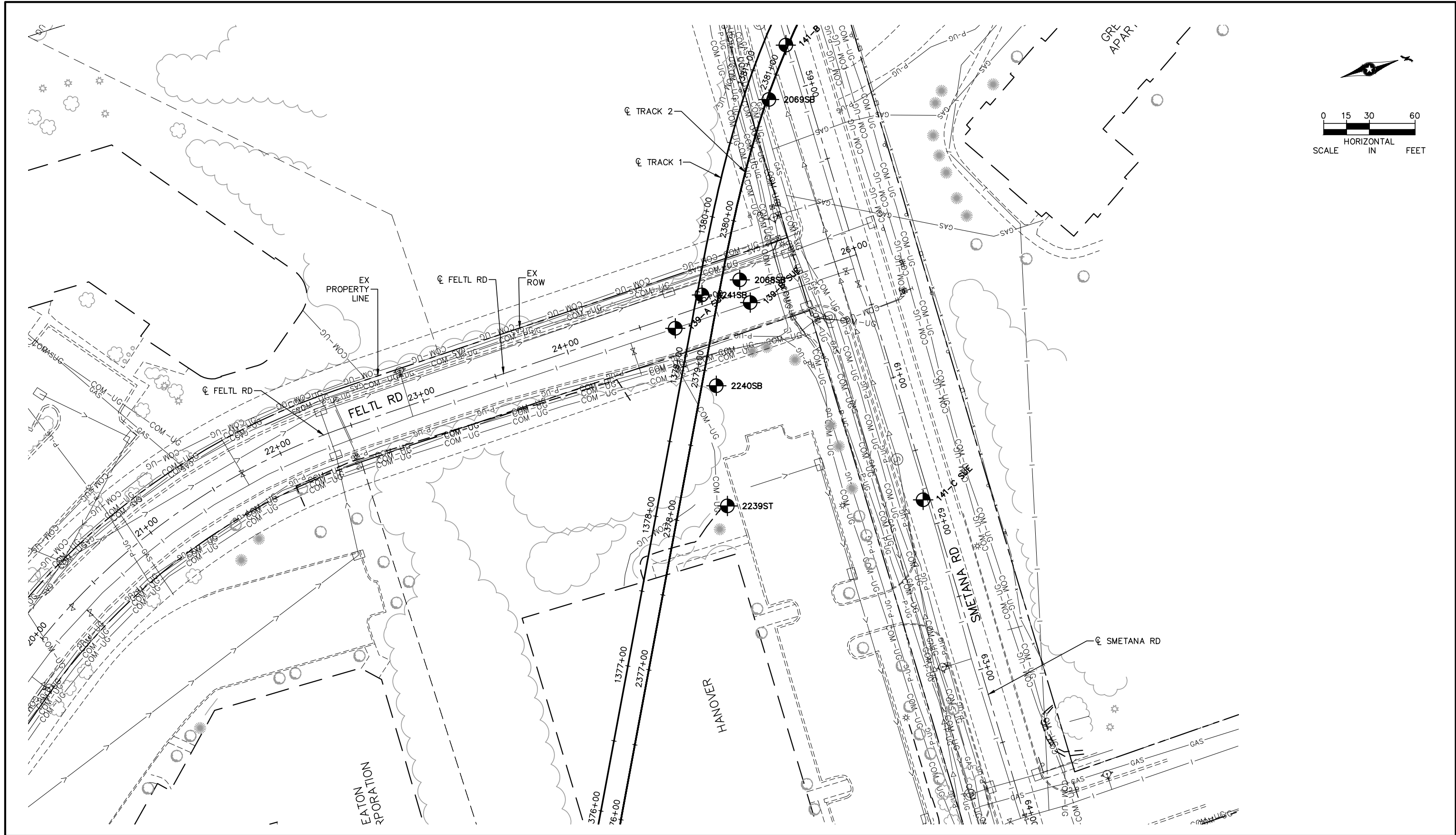
CIVIL WEST - VOLUME 1
GENERAL
BREN RD E
STA. 996+00 TO STA. 1001+00

DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-070

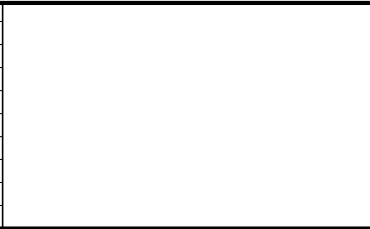
SHEET
82
OF
96



Sep. 24 2015 12:42 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 9/28/15



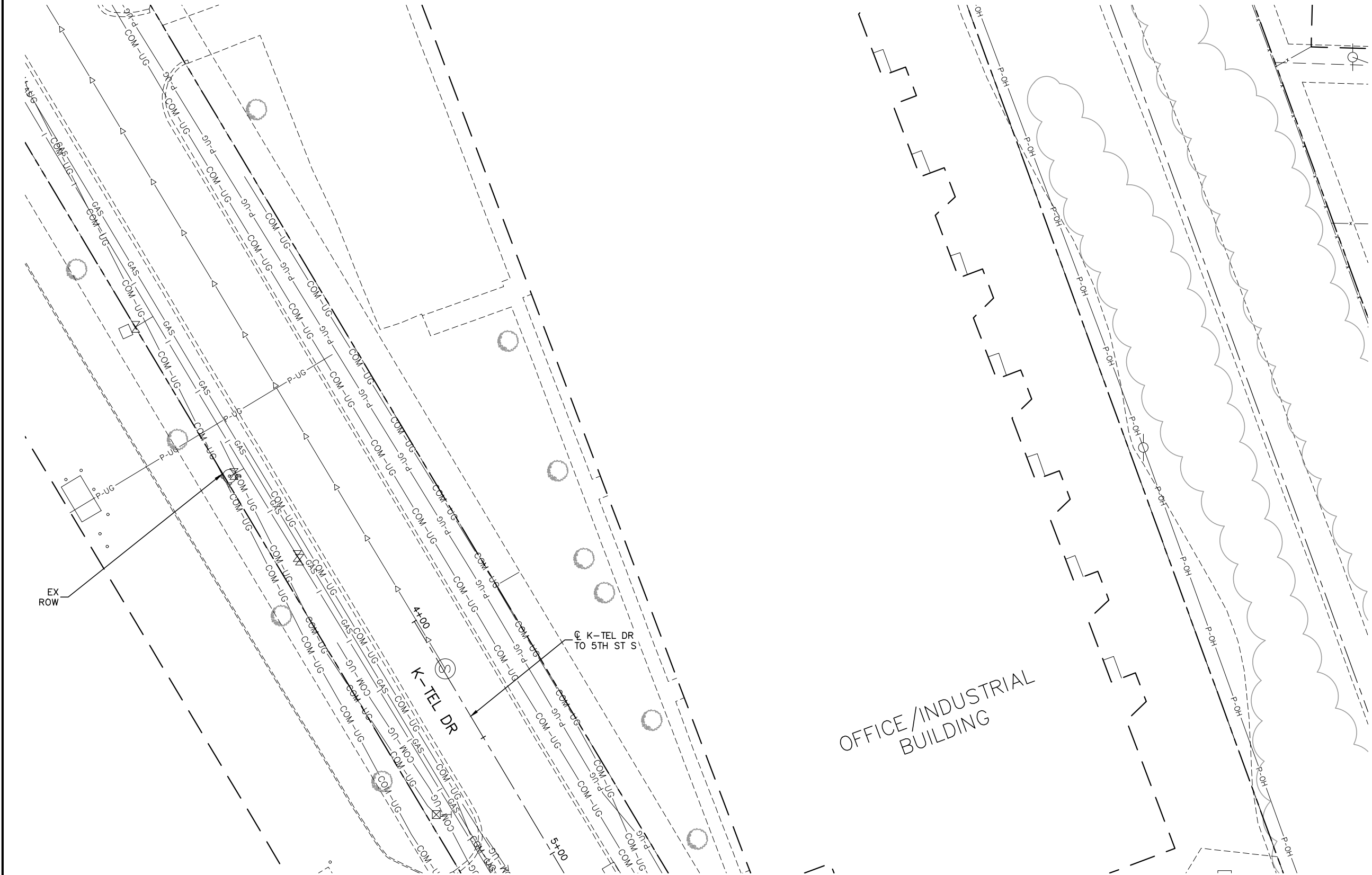
CIVIL WEST - VOLUME 1
GENERAL
FELTL RD
STA. 20+00 TO STA. 26+00

DISCIPLINE:
SURVEY

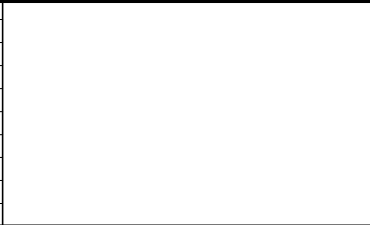
SHEET NAME:
W3-SUR-PLN-073

SHEET
85
OF
96

Sep. 21 2015 11:38 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch



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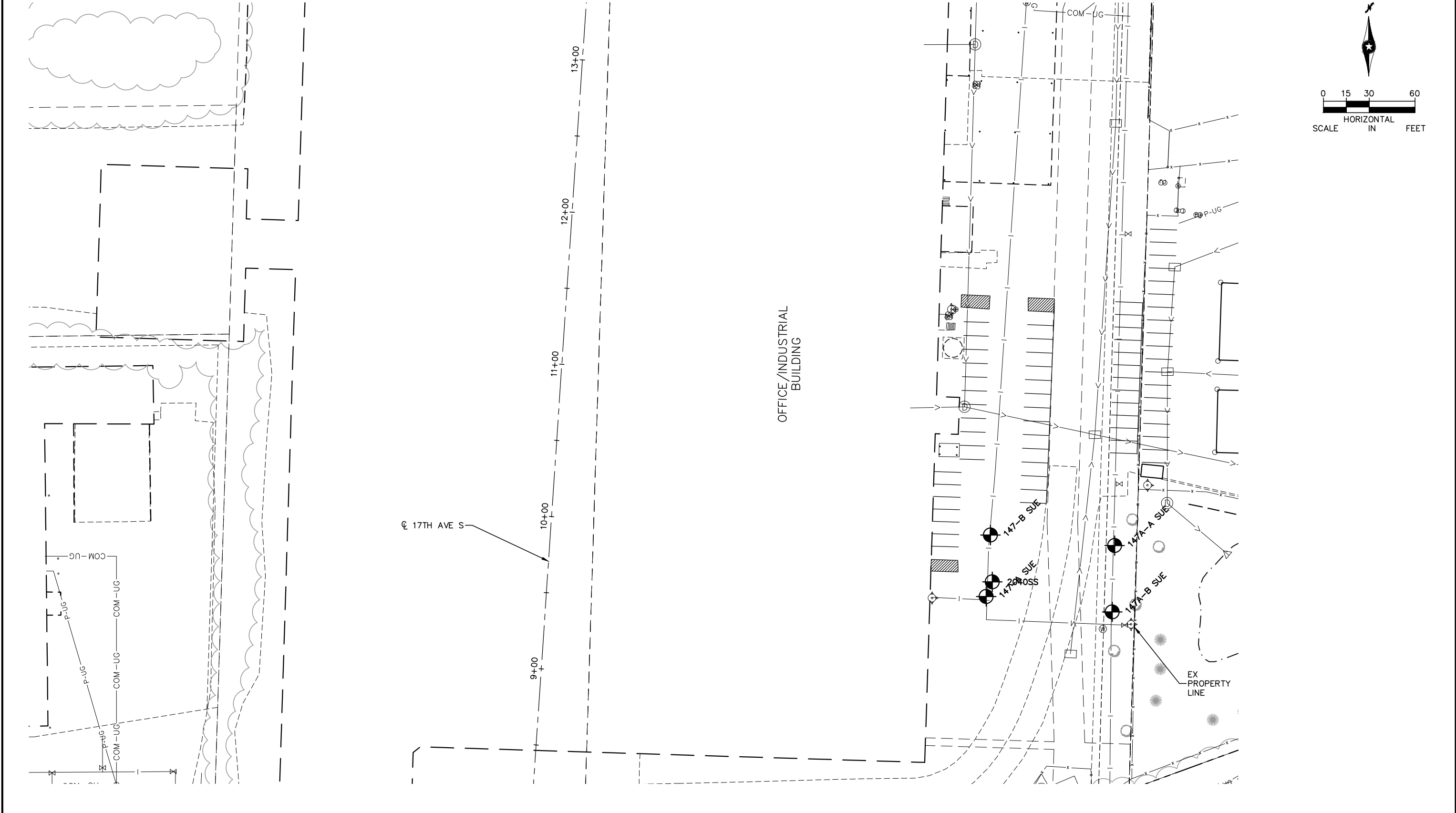
60% SUBMISSION - 9/28/15



CIVIL WEST - VOLUME 1
GENERAL
5TH ST S
STA. 4+00 TO STA. 5+50

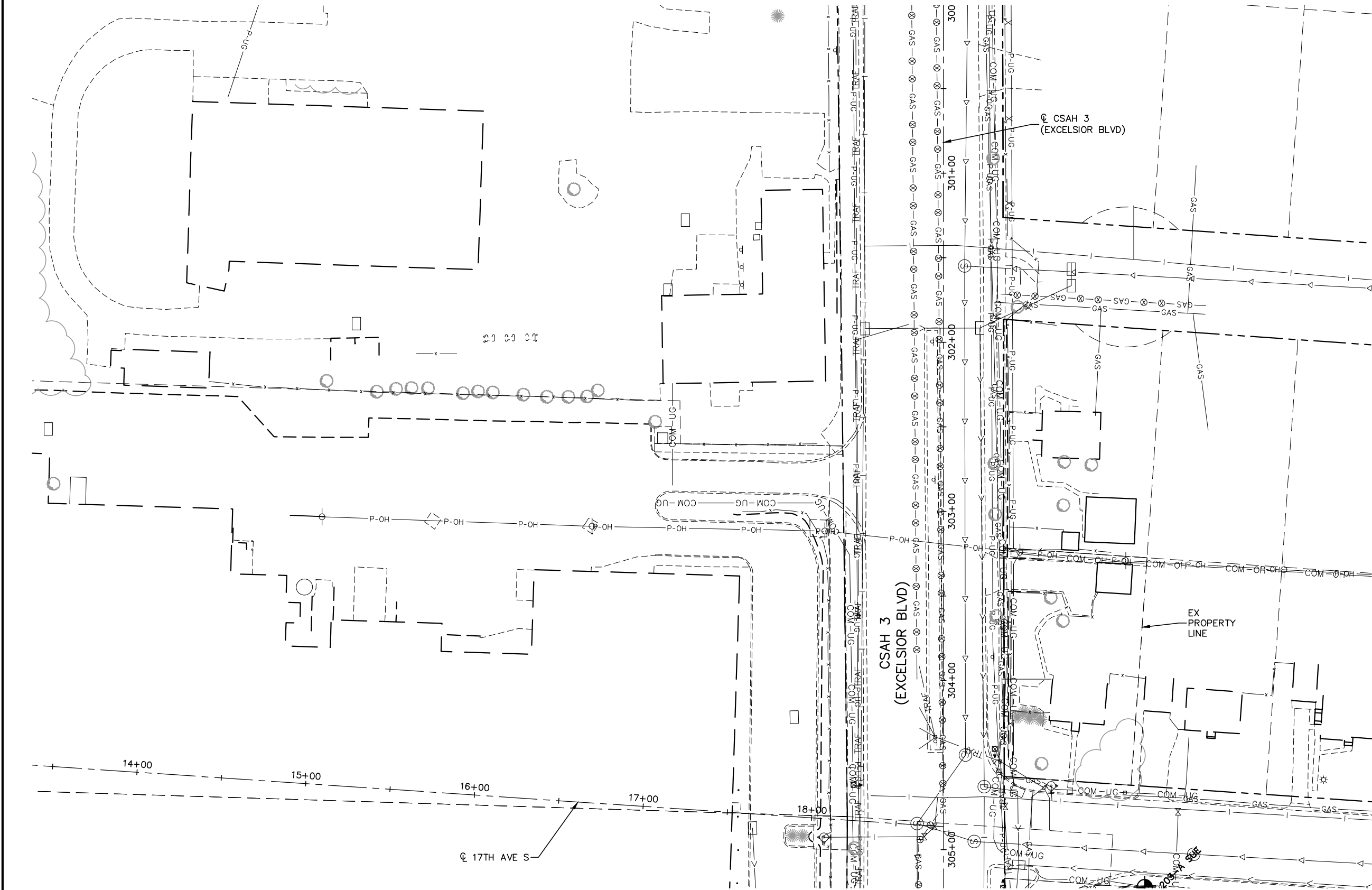
DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-074

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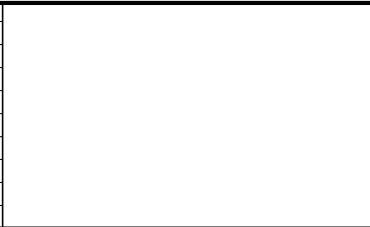


NO. DATE BY CHECK DESIGN REVISION / SUBMITTAL						AECOM RANI engineering METROPOLITAN COUNCIL SOUTHWEST Green Line LRT Extension		CIVIL WEST - VOLUME 1 GENERAL 17TH AVE S STA. 8+25 TO STA. 13+25		SHEET 87 OF 96
								DISCIPLINE: SURVEY	SHEET NAME: W3-SUR-PLN-075	
						60% SUBMISSION - 9/28/15				

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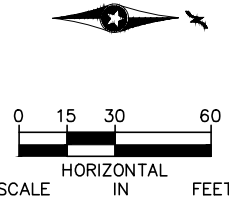
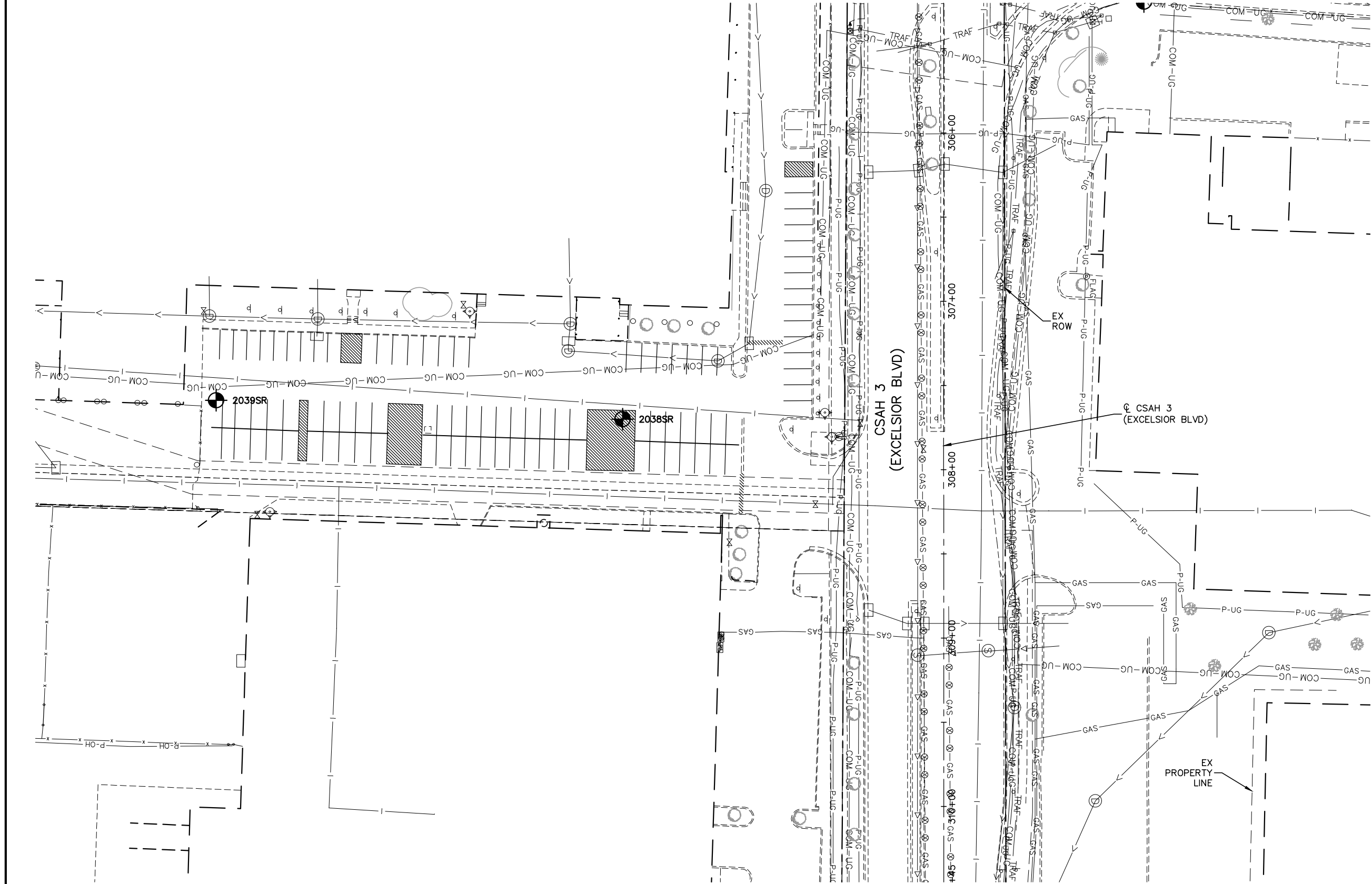


CIVIL WEST - VOLUME 1
GENERAL
EXCELSIOR BLVD
STA. 300+00 TO STA. 305+75

DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-PLN-076

SHEET
88
OF
96

Sep. 21 2015 11:39 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-PLN.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 9/28/15

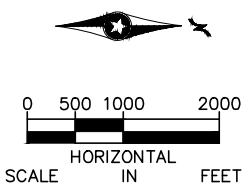
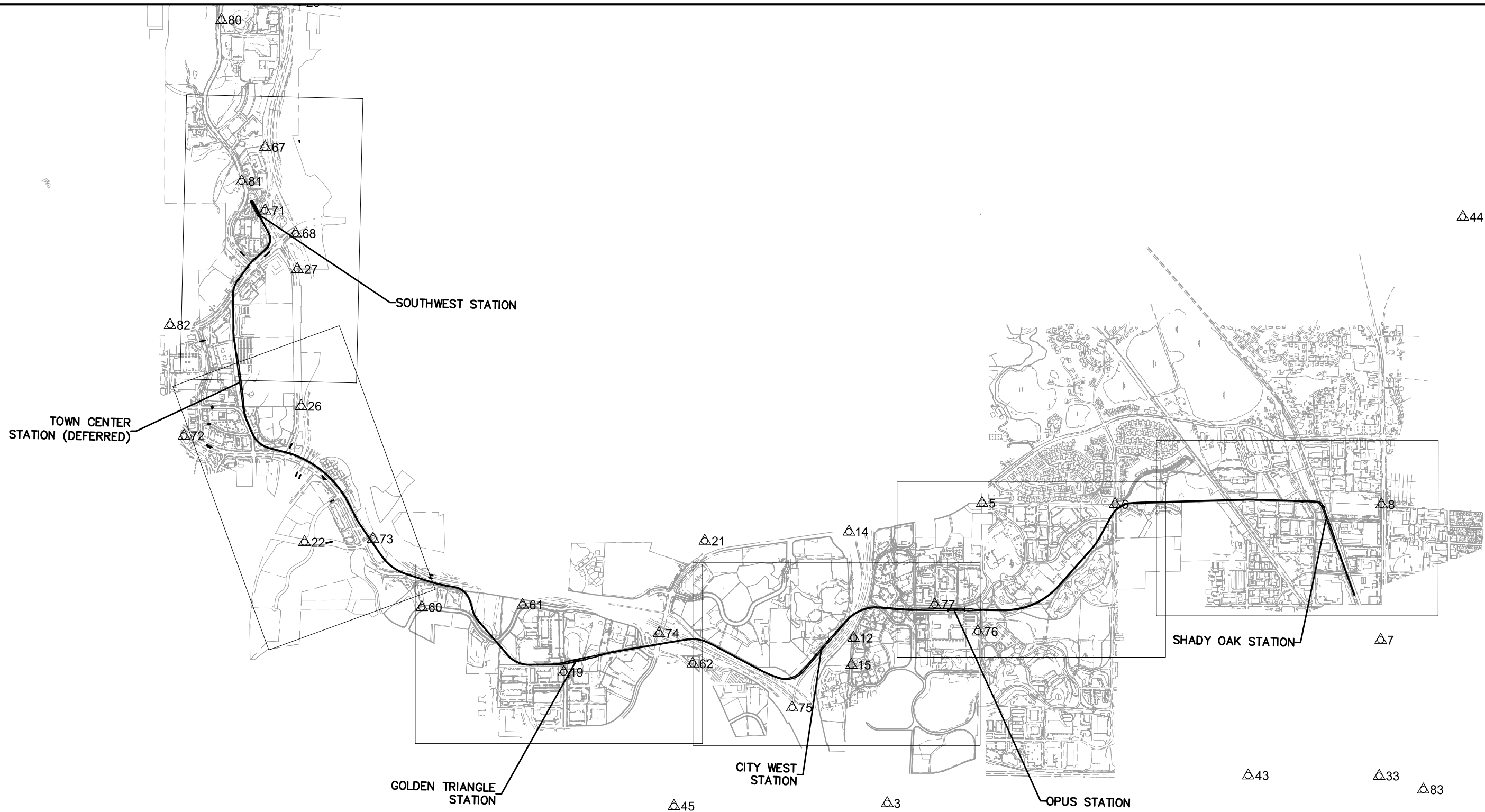


CIVIL WEST - VOLUME 1
GENERAL
EXCELSIOR BLVD
STA. 305+75 TO STA. 310+45

DISCIPLINE:
SURVEY

SHEET NAME:
W3-SUR-PLN-077

Sep. 21 2015 11:40 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-CTRL.dwg By: areinisch



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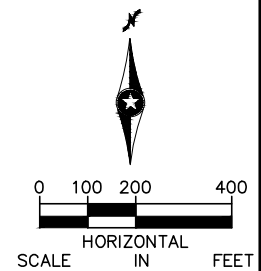
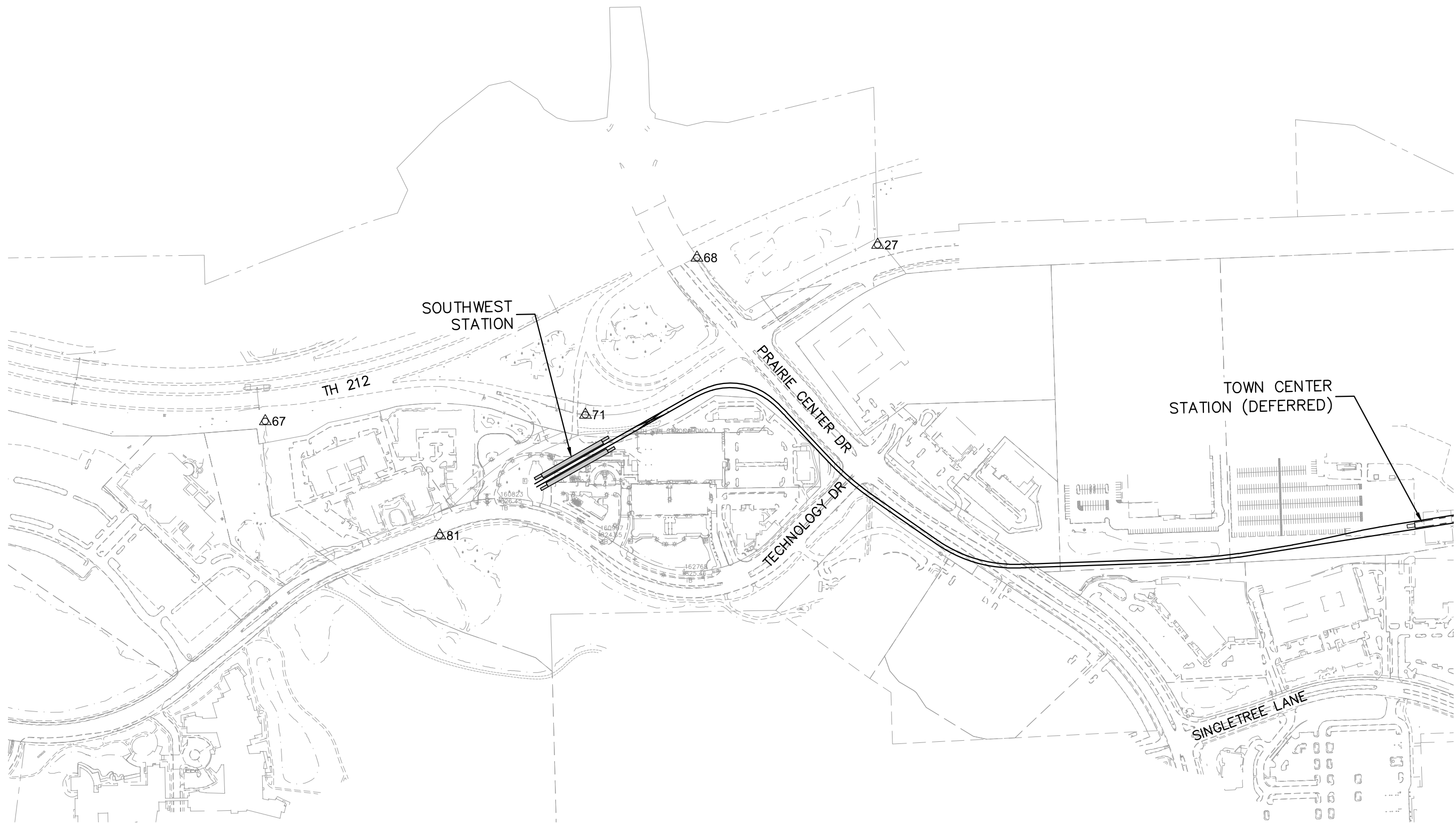
CIVIL WEST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS
LAYOUT

DISCIPLINE: SURVEY

SHEET NAME: W1-SUR-CTRL-000

SHEET
90
OF
96

Sep. 21 2015 11:40 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-CTRL.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

RANI
engineering

METROPOLITAN
COUNCIL

SOUTHWEST
Green Line LRT Extension

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CIVIL WEST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS
SHEET 91

DISCIPLINE:

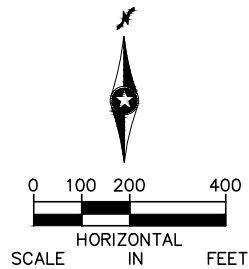
SURVEY

SHEET NAME:

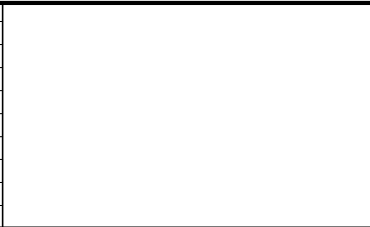
W1-SUR-CTRL-001

SHEET
91
OF
96

Sep. 24 2015 12:44 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\SURVEY\W1-SUR-CTRL.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





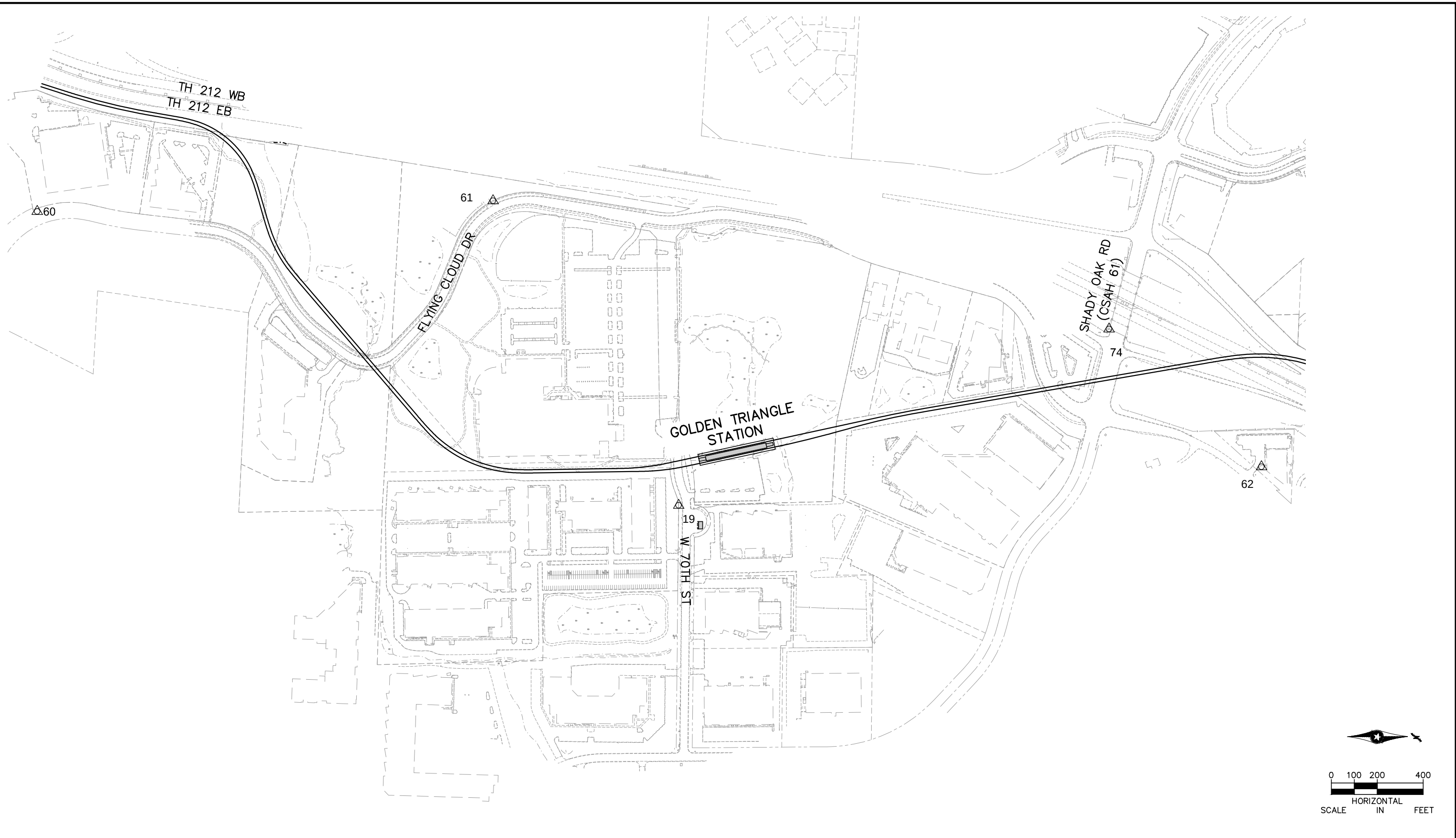
60% SUBMISSION - 9/28/15



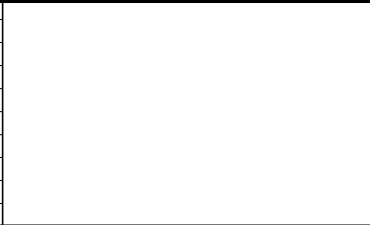
CIVIL WEST - VOLUME 1 GENERAL SURVEY CONTROL STATIONS SHEET 92	
DISCIPLINE: SURVEY	SHEET NAME: W1-SUR-CTRL-002

SHEET
92
OF
96

Sep. 21 2015 11:40 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-CTRL.dwg By: areinisch



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 9/28/15



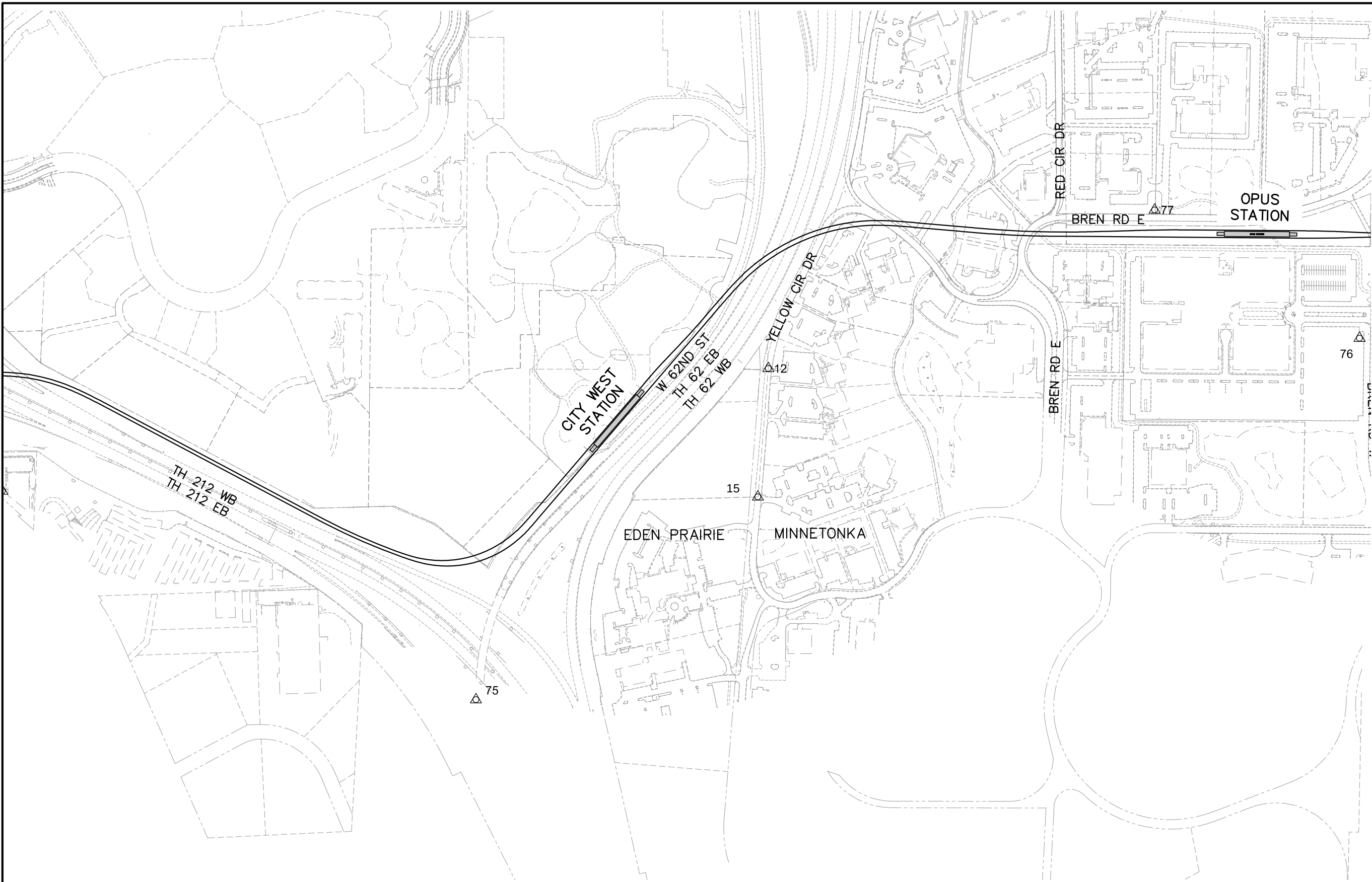
CIVIL WEST - VOLUME 1
GENERAL
CONTROL POINTS PLAN
SHEET 93

DISCIPLINE: SURVEY

SHEET NAME: W2-SUR-CTRL-003

SHEET 93 OF 96

Sep. 21 2015 11:41 am v:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\SURVEY\W2-SUR-CTRL.dwg By: greinisch



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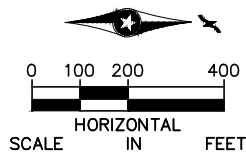
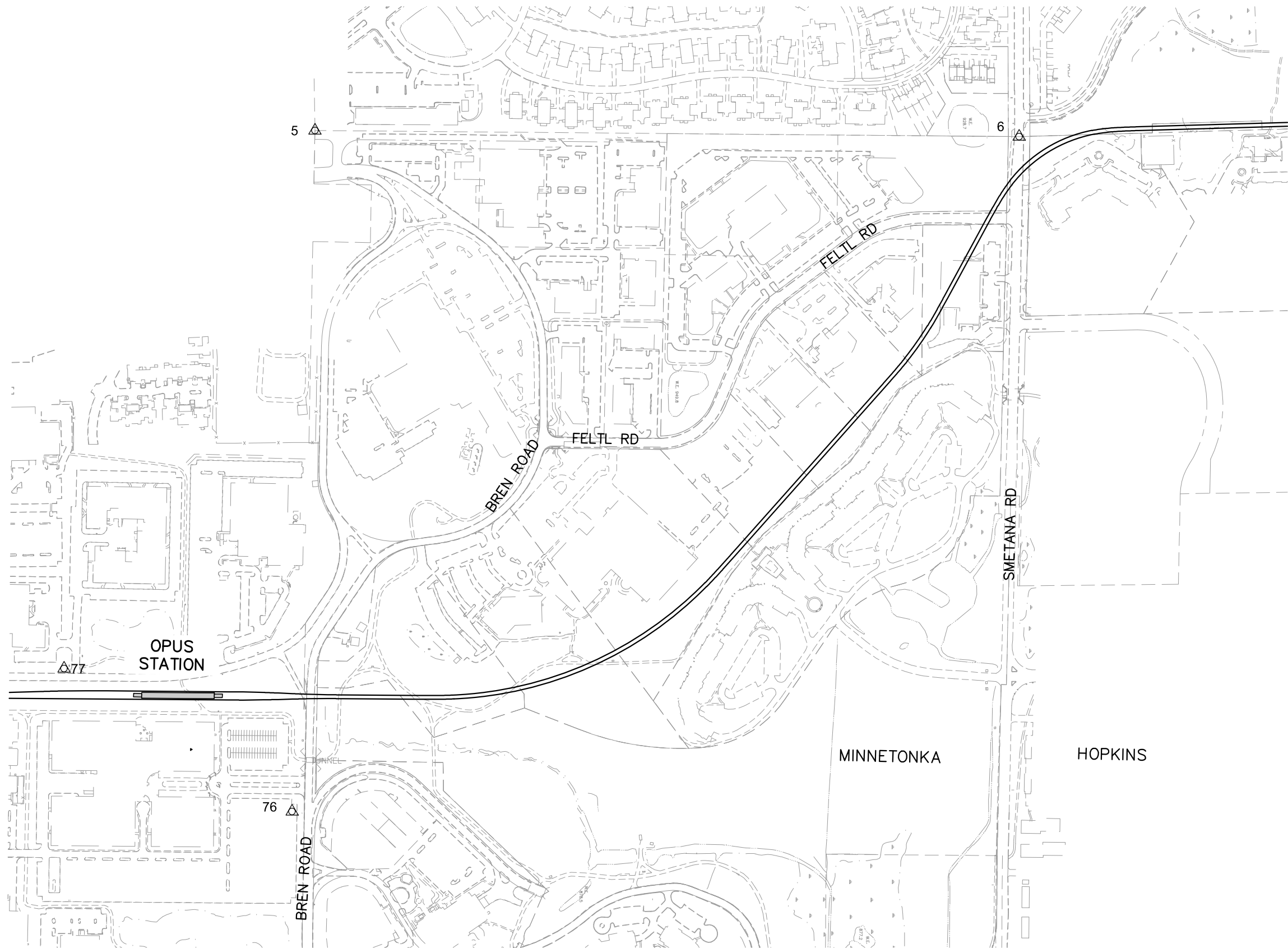
CIVIL WEST - VOLUME 1
GENERAL
CONTROL POINTS PLAN
SHEET 94

DISCIPLINE: SURVEY

SHEET NAME: W2-SUR-CTRL-004

SHEET
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Sep, 21 2015 11: 41 am v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-CTRL.dwg By: areinisch



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60% SUBMISSION - 9/28/15

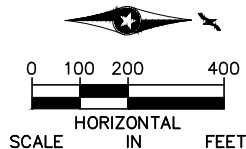
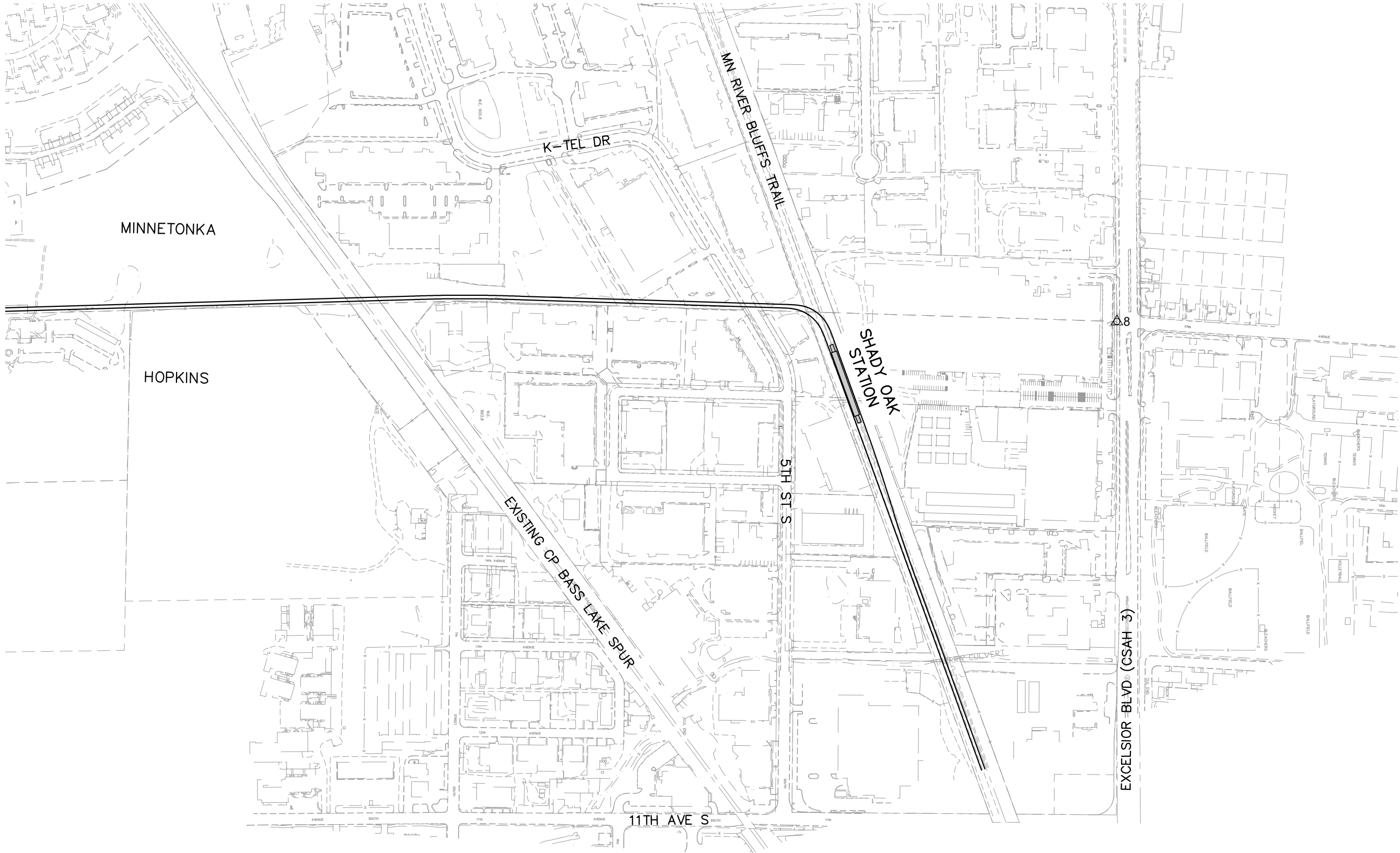


CIVIL WEST - VOLUME 1
GENERAL
CONTROL POINTS PLAN
SHEET 95

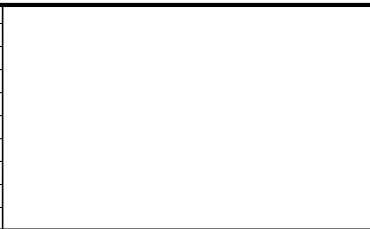
DISCIPLINE: SURVEY
SHEET NAME: W3-SUR-CTRL-005

SHEET
95
OF
96

Sep. 21 2015 11: 41 am v:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\SURVEY\W3-SUR-CTRL.dwg By: areinisch



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CIVIL WEST - VOLUME 1 GENERAL CONTROL POINTS PLAN SHEET 96	
DISCIPLINE: SURVEY	SHEET NAME: W3-SUR-CTRL-006

SHEET
96
OF
96