



VOLUME 1

EXISTING CONDITIONS

THE PROPOSED SOUTHWEST LRT PROJECT IS NOT FINAL BUT IS STILL UNDER ENVIRONMENTAL REVIEW AND THE PROJECT IS SUBJECT TO CHANGE. THESE PLANS ARE NOT FINAL.

THE COUNCIL, THROUGH THE DEVELOPMENT OF THESE PLANS, DOES NOT INTEND THAT THEY WILL PREJUDICE OR COMPROMISE ANY STATE OR FEDERAL ENVIRONMENTAL REVIEW OR OTHER LEGAL REQUIREMENTS. THESE PLANS DO NOT LIMIT THE PROJECT DESIGN ALTERNATIVES OR MITIGATIVE MEASURES THAT THE COUNCIL MAY UNDERTAKE IF THE PROPOSED SWLRT PROJECT PROCEEDS TO CONSTRUCTION.

THE COUNCIL WILL NOT TAKE FINAL ACTION ON THIS MATTER UNLESS THE COUNCIL PROCEEDS WITH THE PROJECT AFTER THE FTA'S RECORD OF DECISION AND THE COUNCIL'S DETERMINATION OF ADEQUACY.

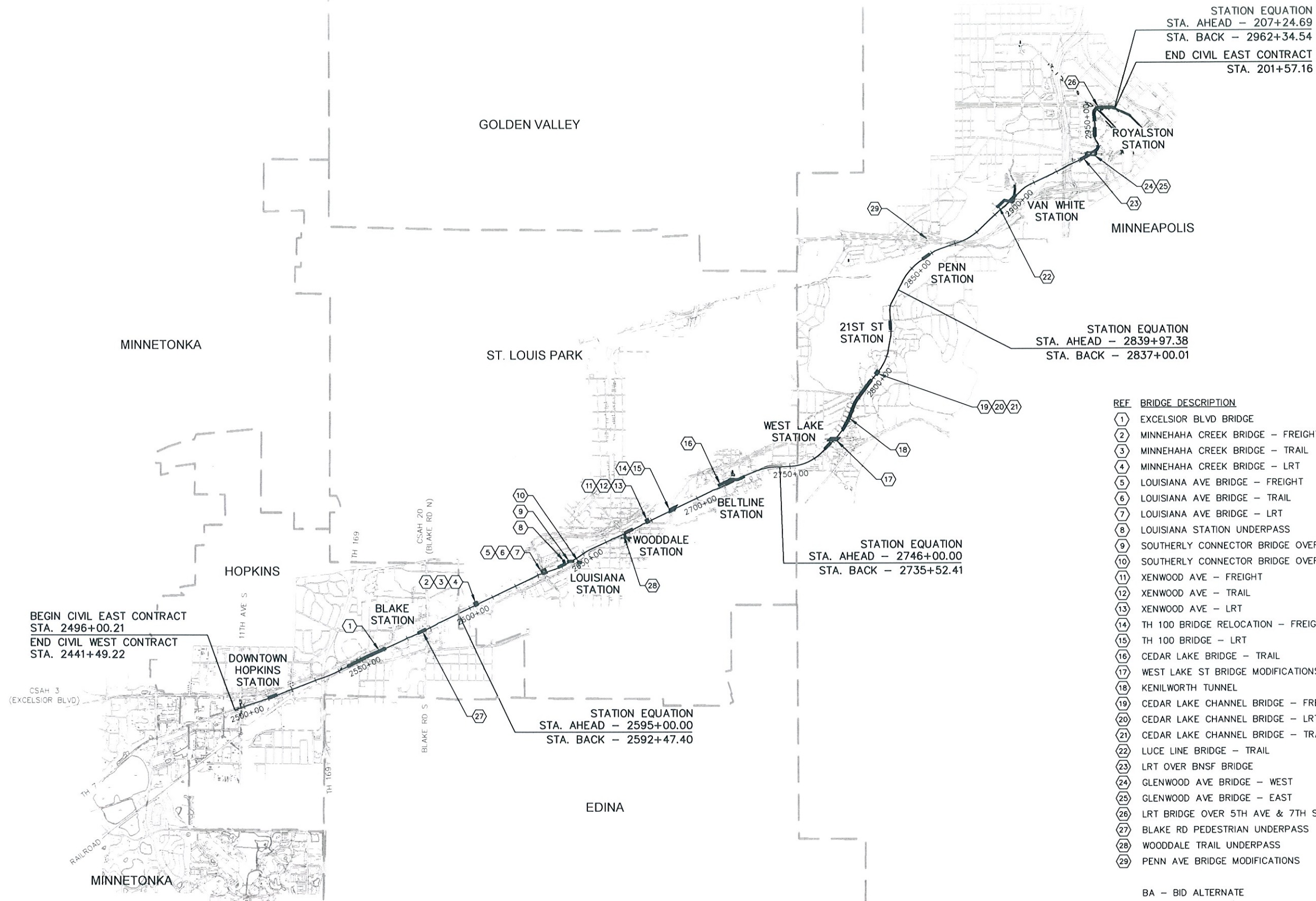
WARNING: THIS RECORD MAY CONTAIN SENSITIVE SECURITY INFORMATION THAT IS CONTROLLED UNDER 49 CFR PARTS 15 AND 1520. NO PART OF THIS RECORD MAY BE DISCLOSED TO PERSONS WITHOUT A "NEED TO KNOW", AS DEFINED IN 49 CFR PARTS 15 AND 1520, EXCEPT WITH THE WRITTEN PERMISSION OF THE ADMINISTRATOR OF THE TRANSPORTATION 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

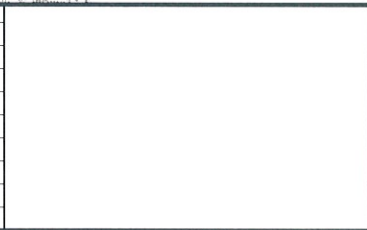


CIVIL EAST							CIVIL EAST							CIVIL EAST															
SHT #	SHEET NAME			SHEET DESCRIPTION			STATION	STATION	REV	SHT #	SHEET NAME			SHEET DESCRIPTION			STATION	STATION	REV	SHT #	SHEET NAME			SHEET DESCRIPTION			STATION	STATION	REV
VOLUME 1 - GENERAL										71	E3-SUR-PLN-014			EXISTING CONDITIONS PLAN			2833+00	2842+00											
1	E0-GEN-CVR-001			COVER SHEET						72	E3-SUR-PLN-015			EXISTING CONDITIONS PLAN			3+35	16+00											
2	E0-GEN-IDX-001			VOLUME INDEX OF PLAN SHEETS						73	E3-SUR-PLN-016			EXISTING CONDITIONS PLAN			16+00	21+46											
3	E0-GEN-KEY-001			GENERAL KEY MAP						74	E3-SUR-PLN-017			EXISTING CONDITIONS PLAN - W 32ND ST															
4	E0-GEN-NTS-001			GENERAL LEGEND AND ABBREVIATIONS SHEET 1						75	E3-SUR-PLN-018			EXISTING CONDITIONS PLAN			0+00	13+00											
5	E0-GEN-NTS-002			GENERAL LEGEND AND ABBREVIATIONS SHEET 2						76	E3-SUR-PLN-019			EXISTING CONDITIONS PLAN			13+00	16+00											
6	E0-SUR-NTS-001			EXISTING CONDITIONS NOTES, ABBREVIATIONS & SYMBOLS						77	E3-SUR-PLN-020			EXISTING CONDITIONS PLAN - CSAH 3 (EXCELSIOR BLVD)															
7	E1-SUR-LAY-001			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 1						78	E4-SUR-PLN-001			EXISTING CONDITIONS PLAN			2842+00	2848+00											
8	E2-SUR-LAY-001			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 2						79	E4-SUR-PLN-002			EXISTING CONDITIONS PLAN			2848+00	2854+00											
9	E2-SUR-LAY-002			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 3						80	E4-SUR-PLN-003			EXISTING CONDITIONS PLAN			2854+00	2860+00											
10	E3-SUR-LAY-001			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 4						81	E4-SUR-PLN-004			EXISTING CONDITIONS PLAN			2860+00	2865+50											
11	E4-SUR-LAY-001			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 5						82	E4-SUR-PLN-005			EXISTING CONDITIONS PLAN			2865+50	2871+50											
12	E4-SUR-LAY-002			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 6						83	E4-SUR-PLN-006			EXISTING CONDITIONS PLAN			2871+50	2879+00											
13	E4-SUR-LAY-003			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 7						84	E4-SUR-PLN-007			EXISTING CONDITIONS PLAN			2879+00	2886+50											
14	E4-SUR-LAY-004			EXISTING CONDITIONS PLAN - PLAN SHEET LAYOUT 8						85	E4-SUR-PLN-008			EXISTING CONDITIONS PLAN			2886+50	2891+50											
15	E1-SUR-PLN-001			EXISTING CONDITIONS PLAN			2496+00	2502+50		86	E4-SUR-PLN-009			EXISTING CONDITIONS PLAN			2891+50	2897+00											
16	E1-SUR-PLN-002			EXISTING CONDITIONS PLAN			2502+50	2509+50		87	E4-SUR-PLN-010			EXISTING CONDITIONS PLAN			2897+00	2904+00											
17	E1-SUR-PLN-003			EXISTING CONDITIONS PLAN			2509+50	2516+50		88	E4-SUR-PLN-011			EXISTING CONDITIONS PLAN			2904+00	2911+00											
18	E1-SUR-PLN-004			EXISTING CONDITIONS PLAN			2516+50	2523+50		89	E4-SUR-PLN-012			EXISTING CONDITIONS PLAN			2911+00	2918+00											
19	E1-SUR-PLN-005			EXISTING CONDITIONS PLAN			2523+50	2529+50		90	E4-SUR-PLN-013			EXISTING CONDITIONS PLAN			2918+00	2925+00											
20	E1-SUR-PLN-006			EXISTING CONDITIONS PLAN			2529+50	2536+00		91	E4-SUR-PLN-014			EXISTING CONDITIONS PLAN			2925+00	2932+00											
21	E1-SUR-PLN-007			EXISTING CONDITIONS PLAN			2536+00	2542+00		92	E4-SUR-PLN-015			EXISTING CONDITIONS PLAN			2932+00	2937+00											
22	E1-SUR-PLN-008			EXISTING CONDITIONS PLAN			2542+00	2546+50		93	E4-SUR-PLN-016			EXISTING CONDITIONS PLAN			2937+00	2943+50											
23	E1-SUR-PLN-009			EXISTING CONDITIONS PLAN			2546+50	2553+00		94	E4-SUR-PLN-017			EXISTING CONDITIONS PLAN			2943+50	2950+00											
24	E1-SUR-PLN-010			EXISTING CONDITIONS PLAN			2553+00	2559+50		95	E4-SUR-PLN-018			EXISTING CONDITIONS PLAN			2950+00	2955+50											
25	E1-SUR-PLN-011			EXISTING CONDITIONS PLAN			2559+50	2566+50		96	E4-SUR-PLN-019			EXISTING CONDITIONS PLAN			2955+50	2962+34.33											
26	E1-SUR-PLN-012			EXISTING CONDITIONS PLAN			2566+50	2573+50		97	E4-SUR-PLN-020			EXISTING CONDITIONS PLAN			1+00	8+00											
27	E1-SUR-PLN-013			EXISTING CONDITIONS PLAN			2573+50	2580+50		98	E4-SUR-PLN-021			EXISTING CONDITIONS PLAN			8+00	15+50											
28	E1-SUR-PLN-014			EXISTING CONDITIONS PLAN			2580+50	2587+50		99	E4-SUR-PLN-022			EXISTING CONDITIONS PLAN			15+50	31+00											
29	E1-SUR-PLN-015			EXISTING CONDITIONS PLAN			2587+50	2596+50		100	E4-SUR-PLN-023			EXISTING CONDITIONS PLAN - DUNWOODY BLVD															
30	E1-SUR-PLN-016			EXISTING CONDITIONS PLAN						101	E4-SUR-PLN-024			EXISTING CONDITIONS PLAN - VAN WHITE MEMORIAL BLVD															
31	E2-SUR-PLN-001			EXISTING CONDITIONS PLAN			2596+50	2602+00		102	E4-SUR-PLN-025			EXISTING CONDITIONS PLAN			5+00	11+50											
32	E2-SUR-PLN-002			EXISTING CONDITIONS PLAN			2602+00	2609+00		103	E4-SUR-PLN-026			EXISTING CONDITIONS PLAN			52+77	67+50											
33	E2-SUR-PLN-003			EXISTING CONDITIONS PLAN			2609+00	2616+00		104	E4-SUR-PLN-027			EXISTING CONDITIONS PLAN			67+50	75+13.11											
34	E2-SUR-PLN-004			EXISTING CONDITIONS PLAN			2616+00	2623+00		105	E4-SUR-PLN-028			EXISTING CONDITIONS PLAN - 5TH AVE N															
35	E2-SUR-PLN-005			EXISTING CONDITIONS PLAN			2623+00	2630+00		106	E4-SUR-PLN-029			EXISTING CONDITIONS PLAN - LUCE LINE REGIONAL TRAIL															
36	E2-SUR-PLN-006			EXISTING CONDITIONS PLAN			2630+00	2637+00		107	E4-SUR-PLN-030			EXISTING CONDITIONS PLAN - PROTECTED BIKEWAY 1															
37	E2-SUR-PLN-007			EXISTING CONDITIONS PLAN			2637+00	2644+00		108	E4-SUR-PLN-031			EXISTING CONDITIONS PLAN - PROTECTED BIKEWAY 2															
38	E2-SUR-PLN-008			EXISTING CONDITIONS PLAN			2644+00	2649+50		109	E4-SUR-PLN-032			EXISTING CONDITIONS PLAN - PROTECTED BIKEWAY 3															
39	E2-SUR-PLN-009			EXISTING CONDITIONS PLAN			2649+50	2655+00		110	E4-SUR-PLN-033			EXISTING CONDITIONS PLAN - PROTECTED BIKEWAY 4															
40	E2-SUR-PLN-010			EXISTING CONDITIONS PLAN			2655+00	2660+50		111	E0-SUR-CTRL-IDX-001			SURVEY CONTROL STATIONS INDEX															
41	E2-SUR-PLN-011			EXISTING CONDITIONS PLAN			2660+50	2666+50		112	E0-SUR-CTRL-LAY-001			SURVEY CONTROL STATIONS PLAN - PLAN SHEET LAYOUT															
42	E2-SUR-PLN-012			EXISTING CONDITIONS PLAN			2666+00	2673+00		113	E1-SUR-CTRL-001			SURVEY CONTROL STATIONS PLAN 1															
43	E2-SUR-PLN-013			EXISTING CONDITIONS PLAN			2673+00	2680+00		114	E1-SUR-CTRL-002			SURVEY CONTROL STATIONS PLAN 2															
44	E2-SUR-PLN-014			EXISTING CONDITIONS PLAN			2680+00	2687+00		115	E2-SUR-CTRL-001			SURVEY CONTROL STATIONS PLAN 3															
45	E2-SUR-PLN-015			EXISTING CONDITIONS PLAN			2687+00	2694+00		116	E2-SUR-CTRL-002			SURVEY CONTROL STATIONS PLAN 4															
46	E2-SUR-PLN-016			EXISTING CONDITIONS PLAN			2694+00	2699+00		117	E2-SUR-CTRL-003			SURVEY CONTROL STATIONS PLAN 5															
47	E2-SUR-PLN-017			EXISTING CONDITIONS PLAN			2699+00	2704+00		118	E3-SUR-CTRL-001			SURVEY CONTROL STATIONS PLAN 6															
48	E2-SUR-PLN-018			EXISTING CONDITIONS PLAN			2704+00	2710+00		119	E3-SUR-CTRL-002			SURVEY CONTROL STATIONS PLAN 7															
49	E2-SUR-PLN-019			EXISTING CONDITIONS PLAN			2710+00	2717+00		120	E4-SUR-CTRL-001			SURVEY CONTROL STATIONS PLAN 8															
50	E2-SUR-PLN-020			EXISTING CONDITIONS PLAN			2717+00	2724+00		121	E4-SUR-CTRL-002			SURVEY CONTROL STATIONS PLAN 9															
51	E2-SUR-PLN-021			EXISTING CONDITIONS PLAN			2724+00	2731+00		122	E4-SUR-CTRL-003			SURVEY CONTROL STATIONS PLAN 10															
52	E2-SUR-PLN-022			EXISTING CONDITIONS PLAN			2731+00	2747+00		123	E4-SUR-CTRL-004			SURVEY CONTROL STATIONS PLAN 11															
53	E2-SUR-PLN-023			EXISTING CONDITIONS PLAN			152+50	157+50																					
54	E2-SUR-PLN-024			EXISTING CONDITIONS PLAN			157+50	160+84																					
55	E2-SUR-PLN-025			EXISTING CONDITIONS PLAN - WOODDALE AVE S																									
56	E2-SUR-PLN-026			EXISTING CONDITIONS PLAN - SERVICE RD																									
57	E2-SUR-PLN-027			EXISTING CONDITIONS PLAN - BELTLINE PARK AND RIDE																									
58	E3-SUR-PLN-001			EXISTING CONDITIONS PLAN			2747+00	2751+00																					
59	E3-SUR-PLN-002			EXISTING CONDITIONS PLAN			2751+00	2758+00																					
60	E3-SUR-PLN-003			EXISTING CONDITIONS PLAN			2758+00	2765+00																					
61	E3-SUR-PLN-004			EXISTING CONDITIONS PLAN			2765+00	2771+00																					
62	E3-SUR-PLN-005			EXISTING CONDITIONS PLAN			2771+00	2778+00																					
63	E3-SUR-PLN-006			EXISTING CONDITIONS PLAN			2778+00	2785+00																					
64	E3-SUR-PLN-007			EXISTING CONDITIONS PLAN			2785+00	2791+50																					
65	E3-SUR-PLN-008			EXISTING CONDITIONS PLAN			2791+50	2798+00																					
66	E3-SUR-PLN-009			EXISTING CONDITIONS PLAN			2798+00	2805+00																					
67	E3-SUR-PLN-010			EXISTING CONDITIONS PLAN			2805+00	2812+00																					
68	E3-SUR-PLN-011			EXISTING CONDITIONS PLAN			2812+00	2819+00																					
69	E3-SUR-PLN-012			EXISTING CONDITIONS PLAN			2819+00	2826+00																					
70	E3-SUR-PLN-013			EXISTING CONDITIONS PLAN			2826+00	2833+00																					
NO. DATE BY CHECK DESIGN REVISION / SUBMITTAL										AECOM				 				CIVIL EAST - VOLUME 1 GENERAL VOLUME INDEX OF PLAN SHEETS						SHEET 2 OF 121					
							60% SUBMISSION - 09/28/15							DISCIPLINE: GENERAL						SHEET NAME: E0-GEN-IDX - 001									

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15



CIVIL EAST - VOLUME 1
GENERAL
KEY MAP

DISCIPLINE: GENERAL SHEET NAME: E0-GEN-KEY - 001

SHEET
3
OF
121

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TRACK LINETYPES

- ROADWAY CL
- TRACK CL (LRT)
- TRACK CL (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 CL
- TRACK CL (LRT)
- TRACK CL (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

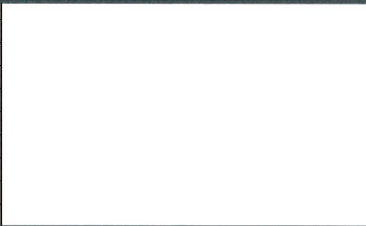
CIVIL SYMBOLS

- 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

- 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 MFRA, INC.
- 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.

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60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
LEGEND AND ABBREVIATIONS
SHEET 1

DISCIPLINE: GENERAL

SHEET NAME: E0-GEN-NTS - 001

SHEET
4
OF
121

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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
C	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
HCRRA	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 EAST - VOLUME 1
GENERAL
LEGEND AND ABBREVIATIONS
SHEET 2

DISCIPLINE: GENERAL

SHEET NAME: E0-GEN-NTS - 002

SHEET

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OF

121

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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 SAMBATEK, INC.
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)
- CABLE TELEVISION
- COMMUNICATION STRUCTURE
- 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 PL PIEZOMETER

LINETYPES

- P-OH OVERHEAD ELECTRIC
- P-OH-TRAN OVERHEAD ELECTRIC TRANSMISSION
- P-UG UNDERGROUND ELECTRIC
- T-UG UNDERGROUND TELEPHONE
- COM-OH OVERHEAD COMMUNICATION
- COM-UG UNDERGROUND COMMUNICATION
- CABLE-OH OVERHEAD CABLE TELEVISION
- CATV UNDERGROUND CABLE TELEVISION
- FIB-OPT UNDERGROUND FIBER OPTIC
- FUEL-UG UNDERGROUND FUEL
- GAS UNDERGROUND GAS
- ABANDONED UTILITY
- I WATER
- SANITARY SEWER
- SANITARY FORCE MAIN
- S> STORM SEWER
- = CURB AND GUTTER
- x FENCE
- GUARDRAIL
- WALK
- BUILDING
- RIGHT-OF-WAY
- PROPERTY LINE
- CENTERLINE OF RAIL
- CENTERLINE OF TRAIL
- VEGETATION
- WATER BODY

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

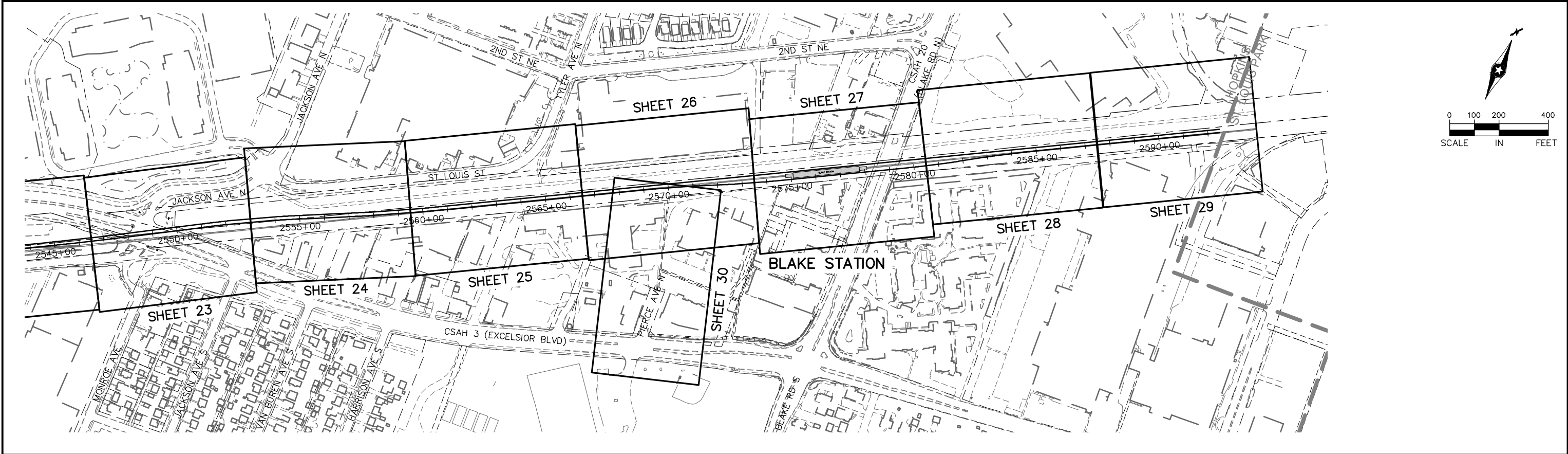
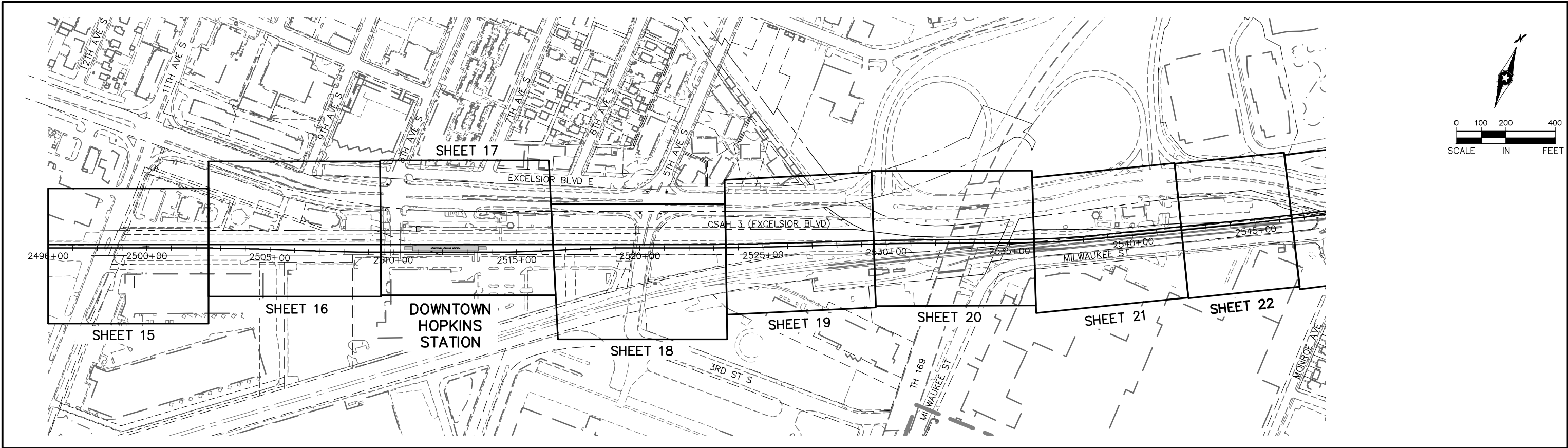


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CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS NOTES, ABBREVIATIONS & SYMBOLS	
DISCIPLINE: SURVEY	SHEET NAME: E0-SUR-NTS - 001

SHEET
6
OF
123

Sep, 16 2015 03:36 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-LAY.dwg By: 573



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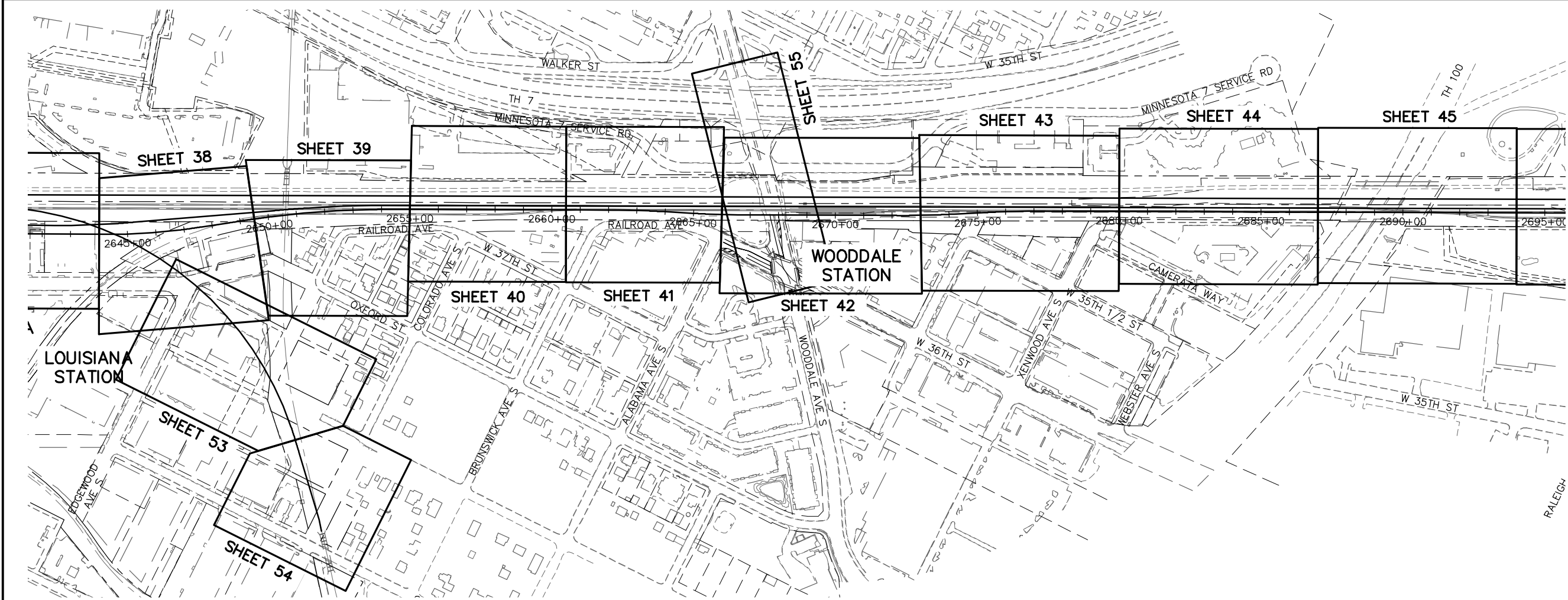
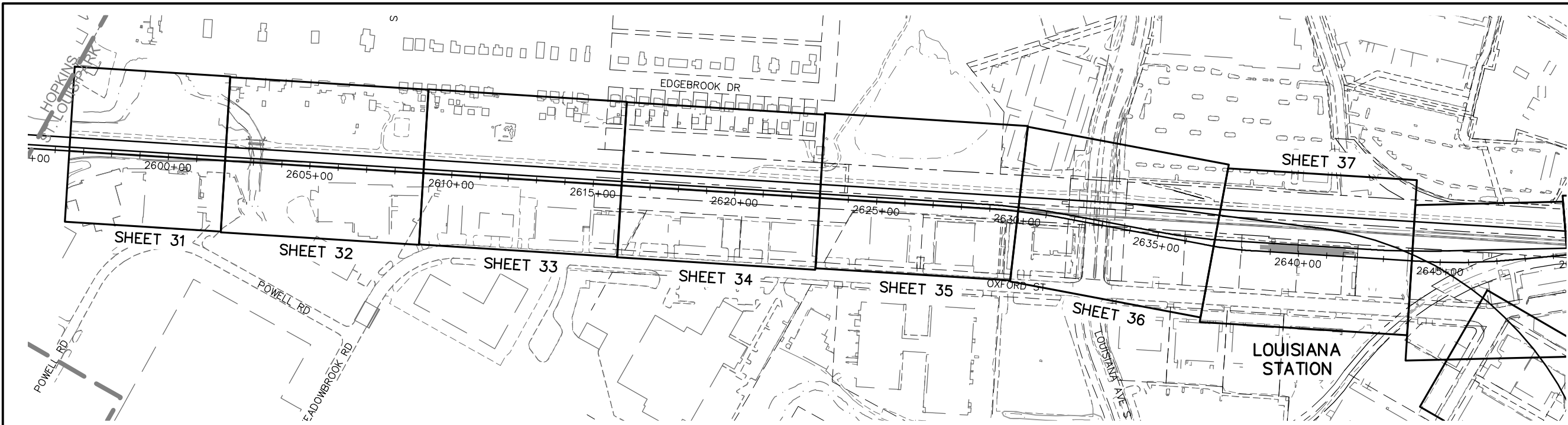


CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PLAN SHEET LAYOUT 1

DISCIPLINE: SURVEY
SHEET NAME: E1-SUR-LAY - 001

SHEET 7 OF 123

Sep. 16 2015 03:36 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-LAY.dwg By: 573



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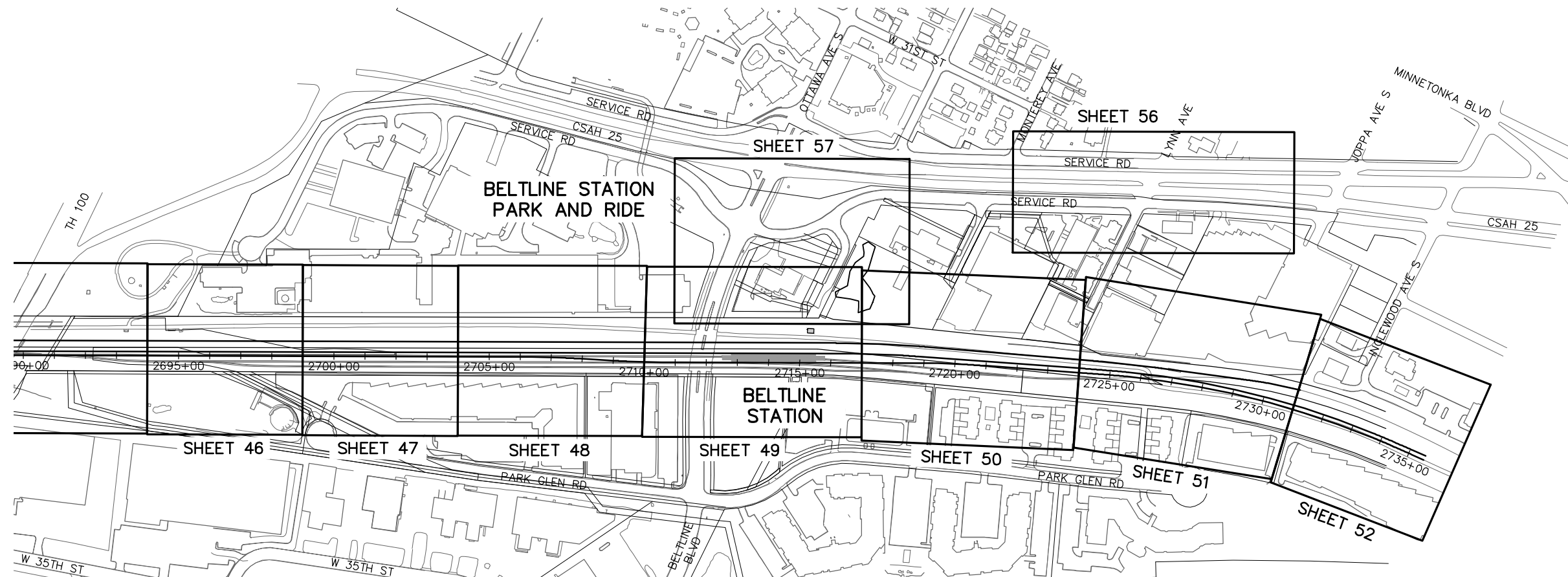
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PLAN SHEET LAYOUT 2

DISCIPLINE:
SURVEY

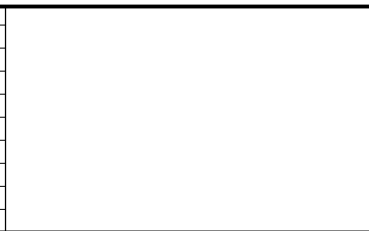
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E2-SUR-LAY - 001

SHEET
8
OF
123

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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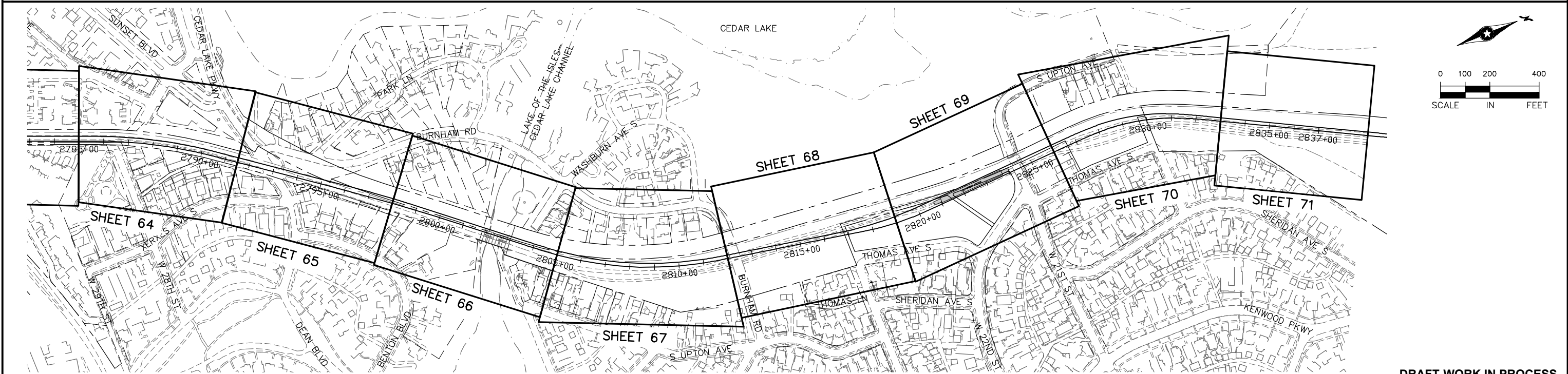
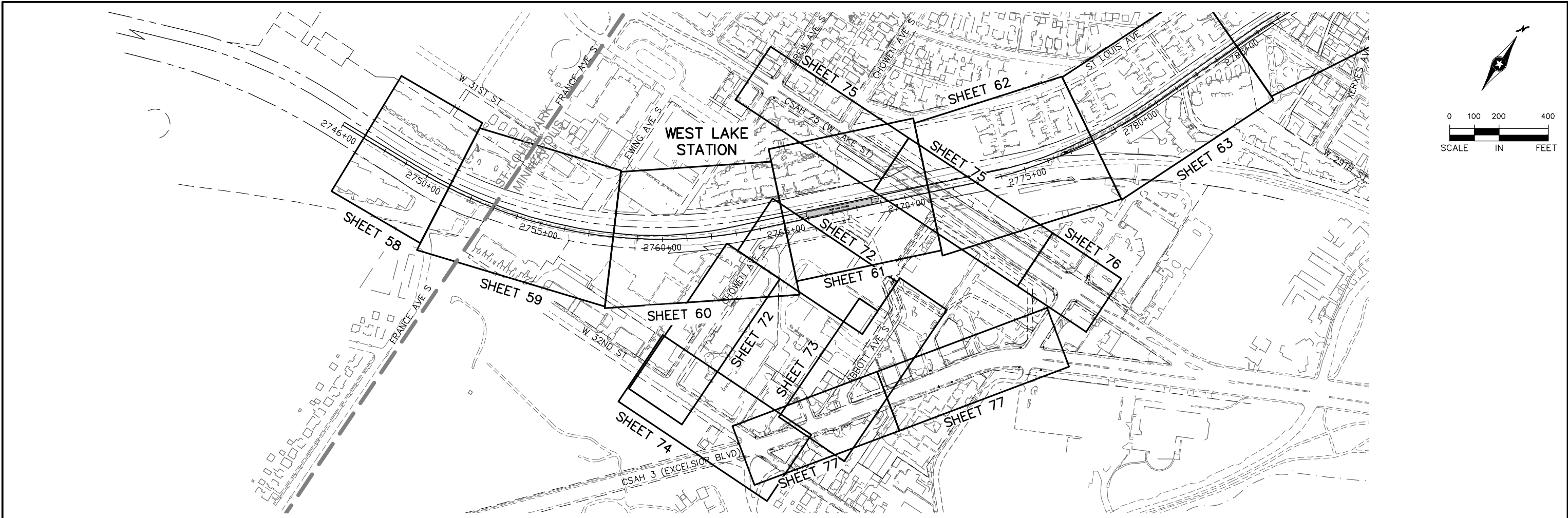


CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PLAN SHEET LAYOUT 3

DISCIPLINE: SURVEY

SHEET NAME: E2-SUR-LAY - 002

Sep. 16 2015 03:37 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-LAY.dwg By: 573



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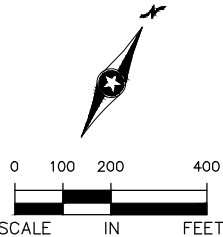
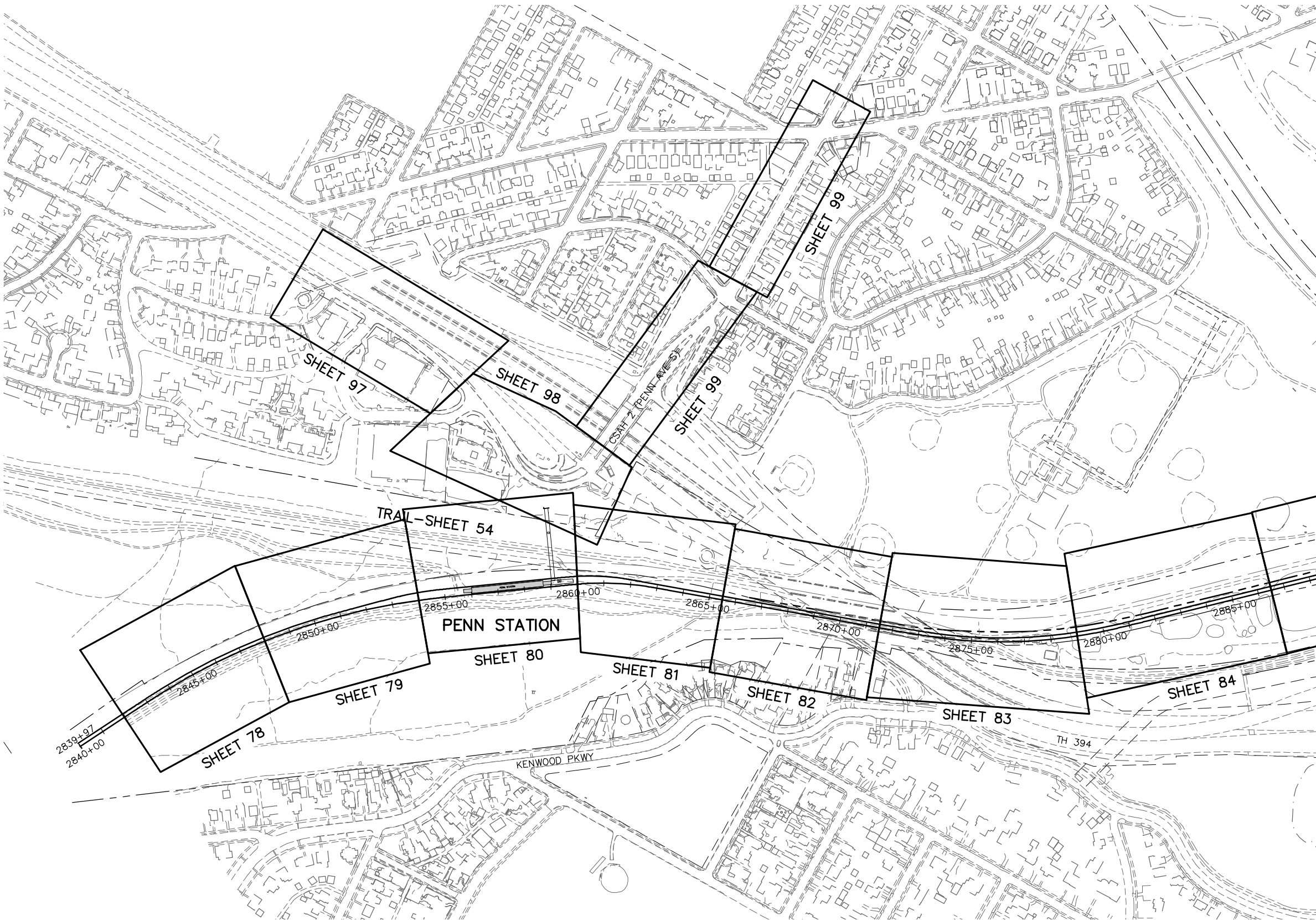
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PLAN SHEET LAYOUT 4

DISCIPLINE: SURVEY

SHEET NAME: E3-SUR-LAY - 001

SHEET 10 OF 123

Sep. 16 2015 03:37 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-LAY.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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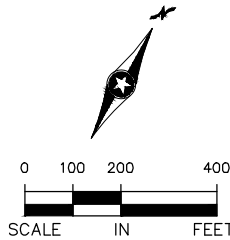
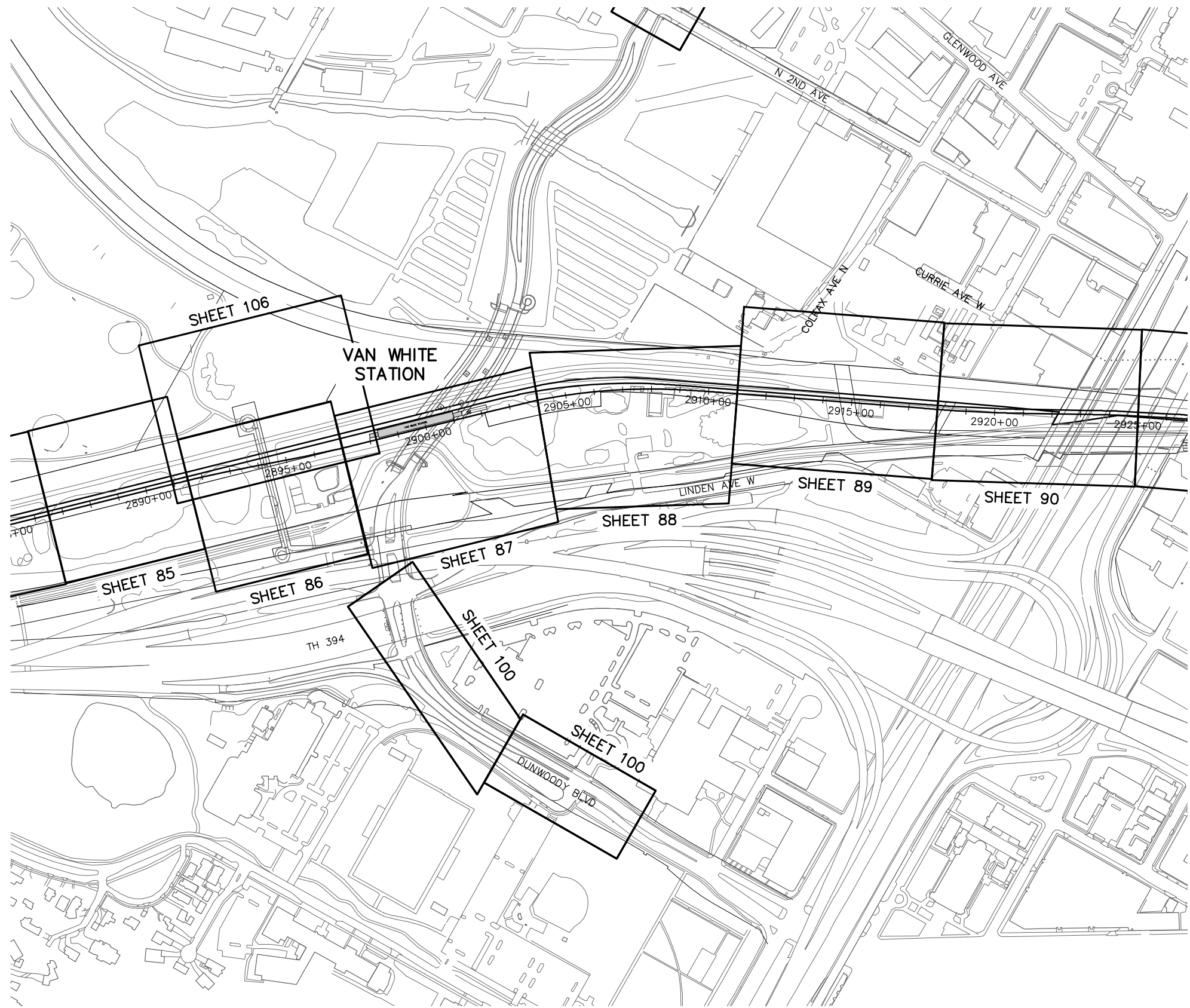
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PLAN SHEET LAYOUT 5

DISCIPLINE: SURVEY

SHEET NAME: E4-SUR-LAY - 001

SHEET
11
OF
123

Sep. 16 2015 03:37 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-LAY.dwg By: 573



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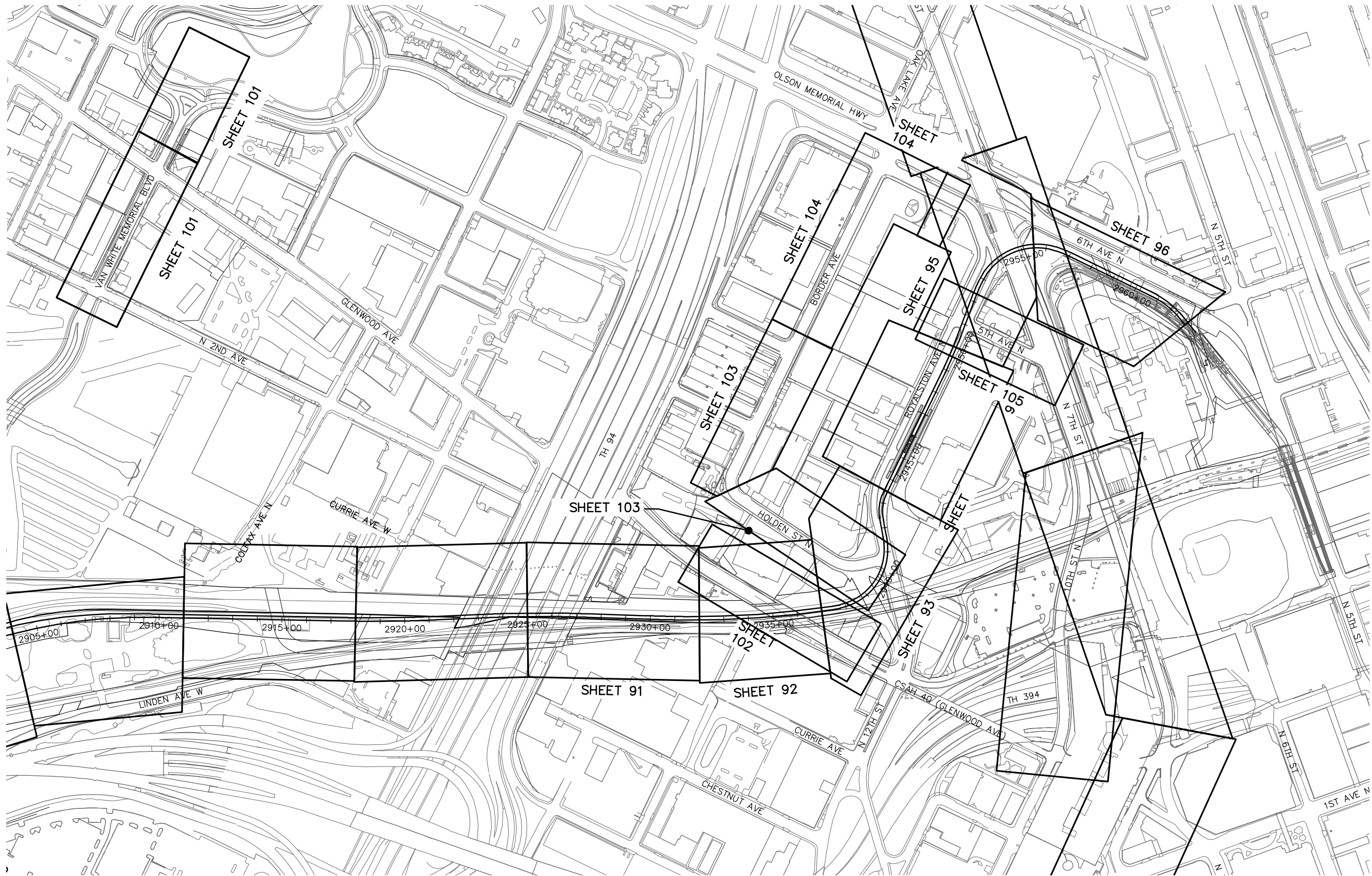
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PLAN SHEET LAYOUT 6

DISCIPLINE: SURVEY

SHEET NAME: E4-SUR-LAY - 002

SHEET
12
OF
123

Sep. 16 2015 03:37 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-LAY.dwg By: 573



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SOUTHWEST Green Line LRT Extension

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PLAN SHEET LAYOUT 7

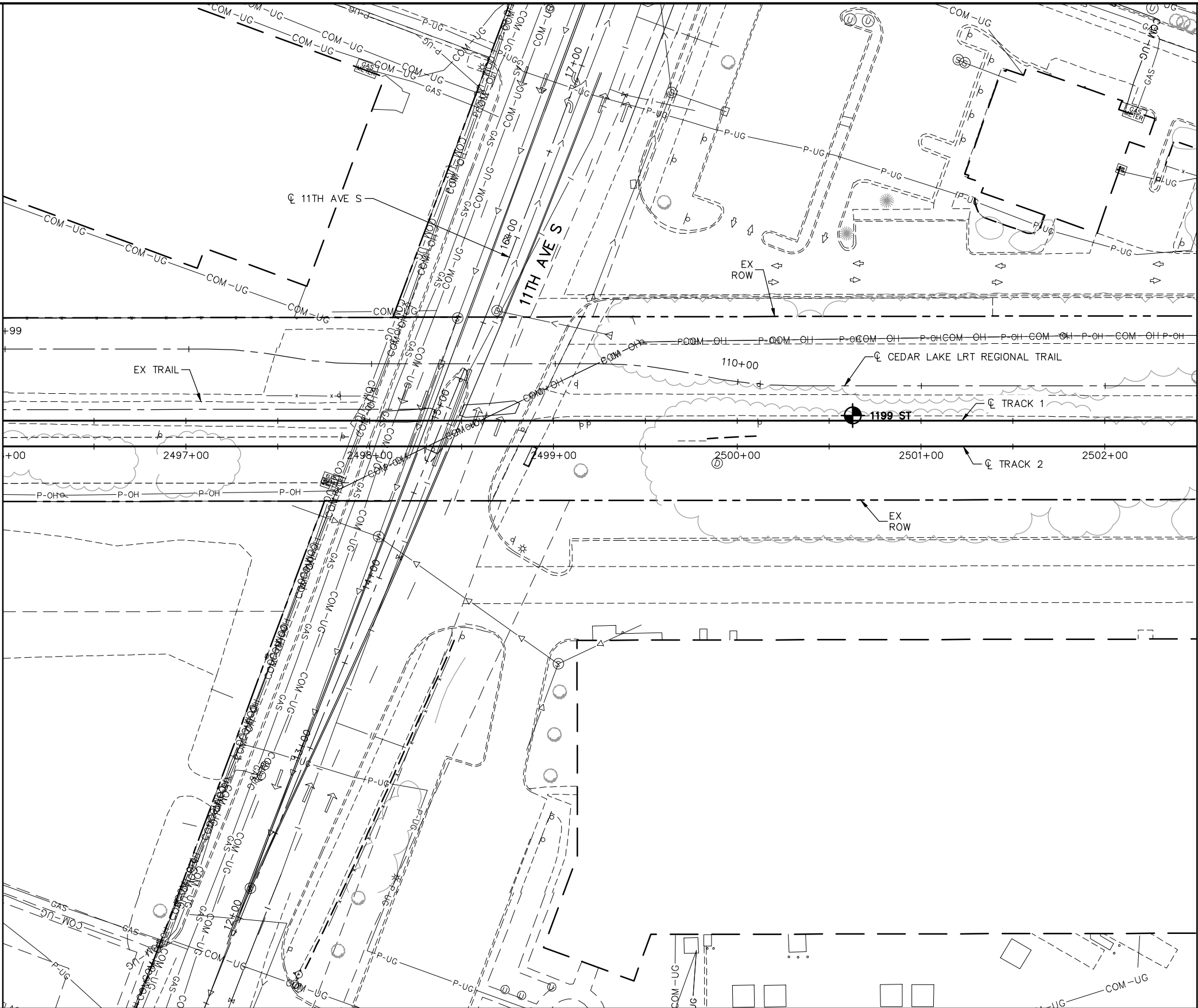
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SHEET NAME: E4-SUR-LAY - 003

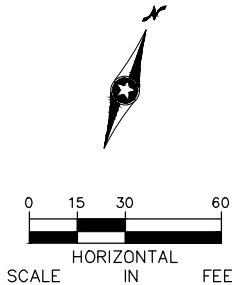
SHEET 13 OF 123

Sep. 16 2015 03:39 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573

END CIVIL WEST - STA 2441+49
BEGIN CIVIL EAST - STA 2496+00



MATCH LINE - STA 2502+50



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2496+00 TO STA 2502+50

DISCIPLINE:

SURVEY

SHEET NAME:

E1-SUR-PLN - 001

SHEET

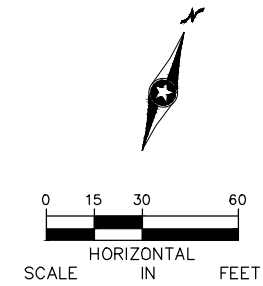
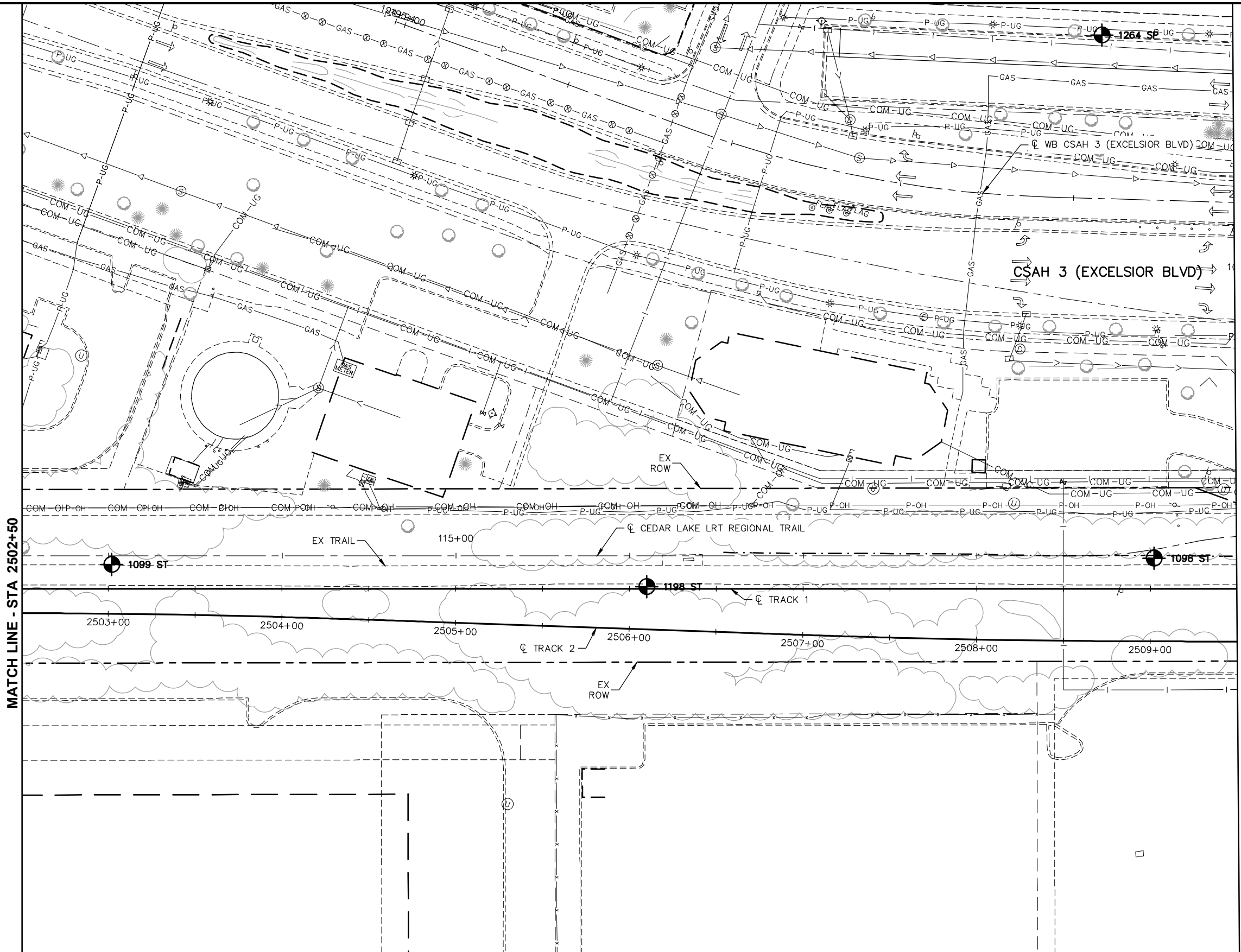
15

OF

123

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Sep. 16 2015 03:39 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573



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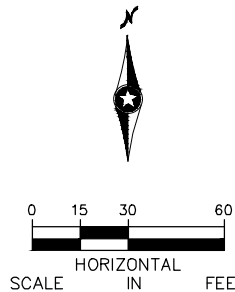
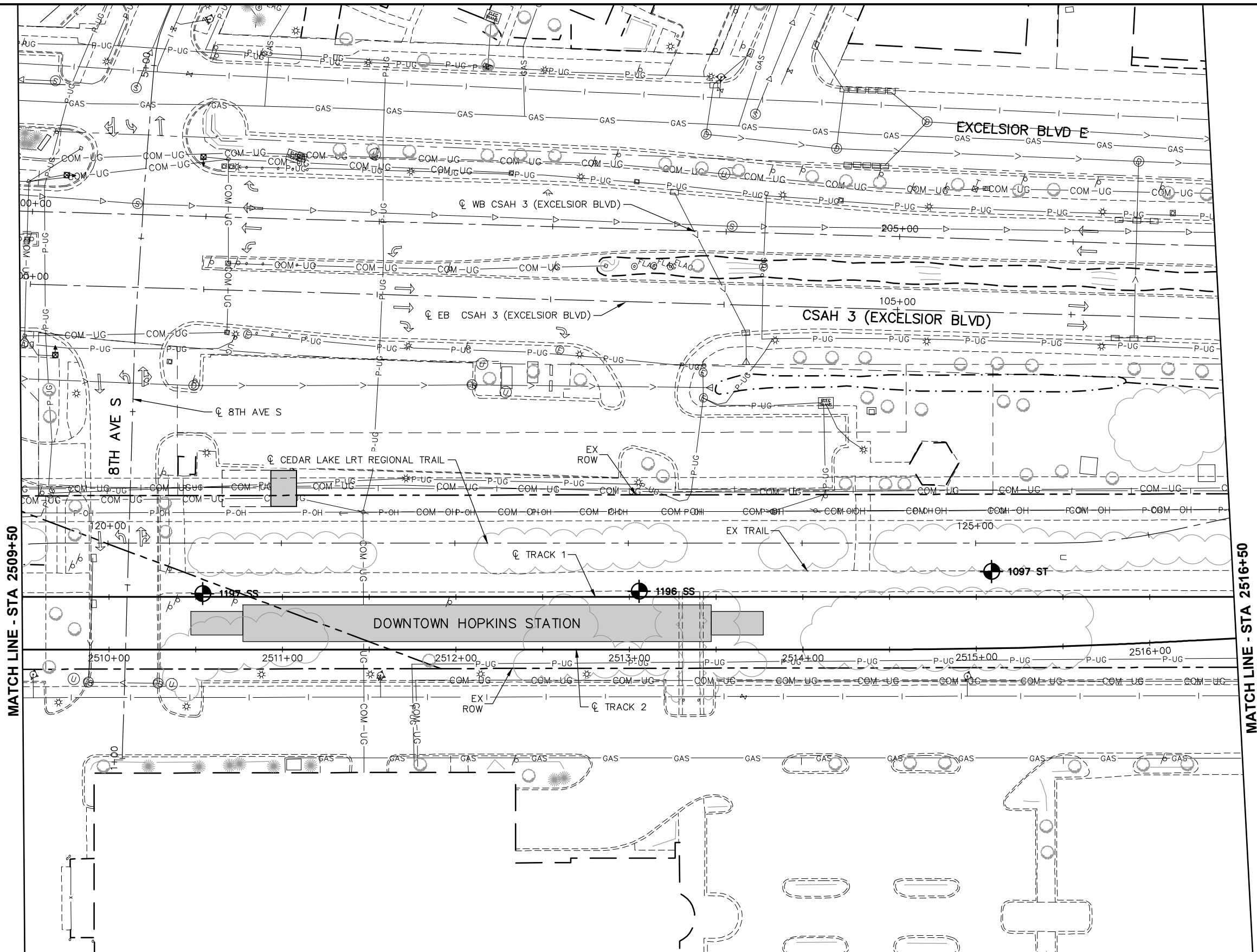


CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2502+50 TO STA 2509+50

DISCIPLINE: SURVEY
SHEET NAME: E1-SUR-PLN - 002

SHEET
16
OF
123

Sep. 16 2015 03:40 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



SOUTHWEST
Green Line LRT Extension



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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2509+50 TO STA 2516+50

DISCIPLINE:

GENERAL

SHEET NAME:

E1-SUR-PLN - 003

SHEET

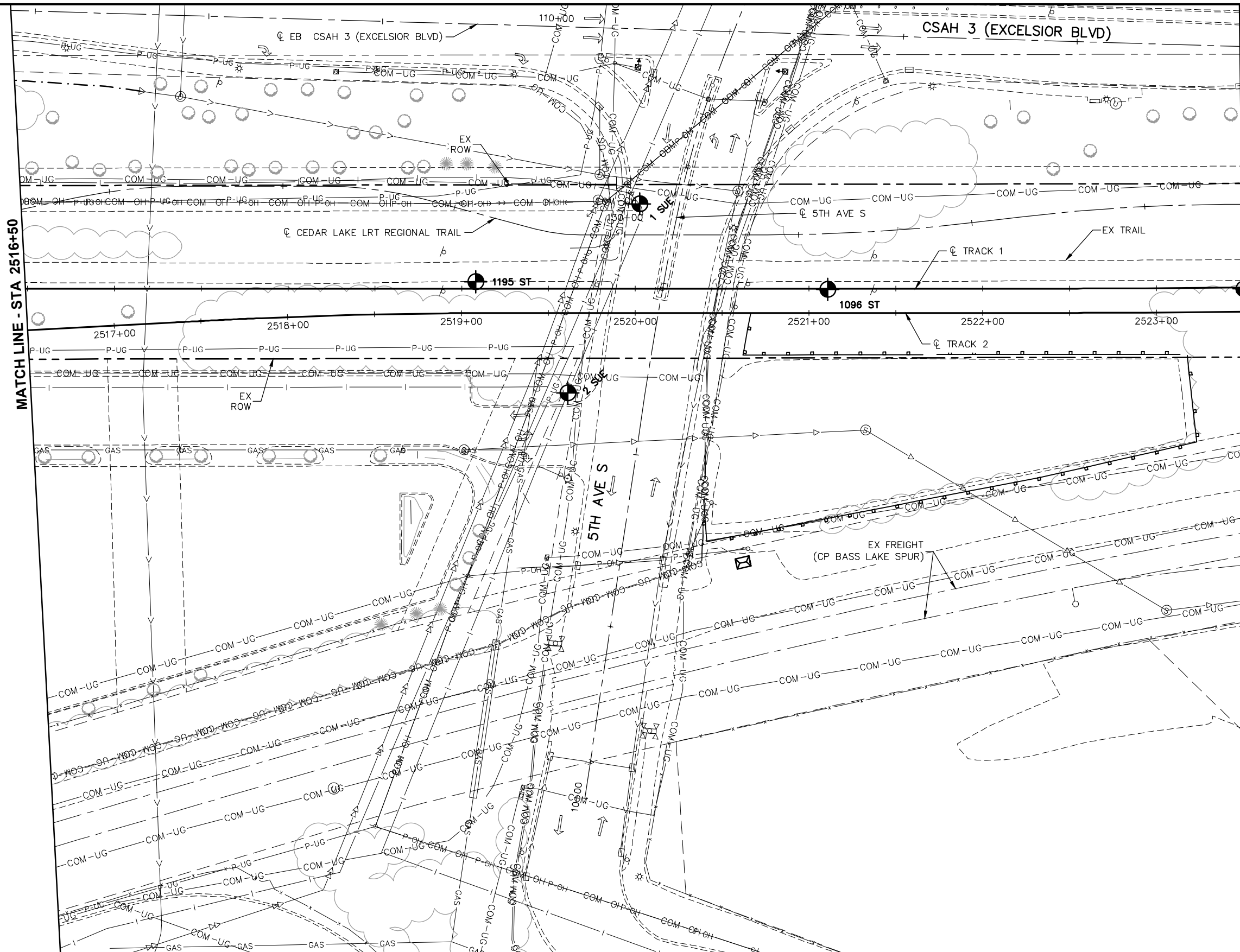
17

OF

123

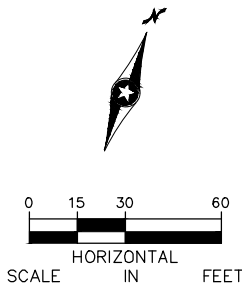
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MATCH LINE - STA 2516+50



MATCH LINE - STA 2523+50

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C O U N C I L

SOUTHWEST
Green Line LRT Extension



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2516+50 TO STA 2523+50

DISCIPLINE:

GENERAL

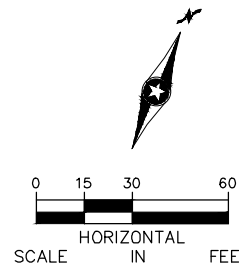
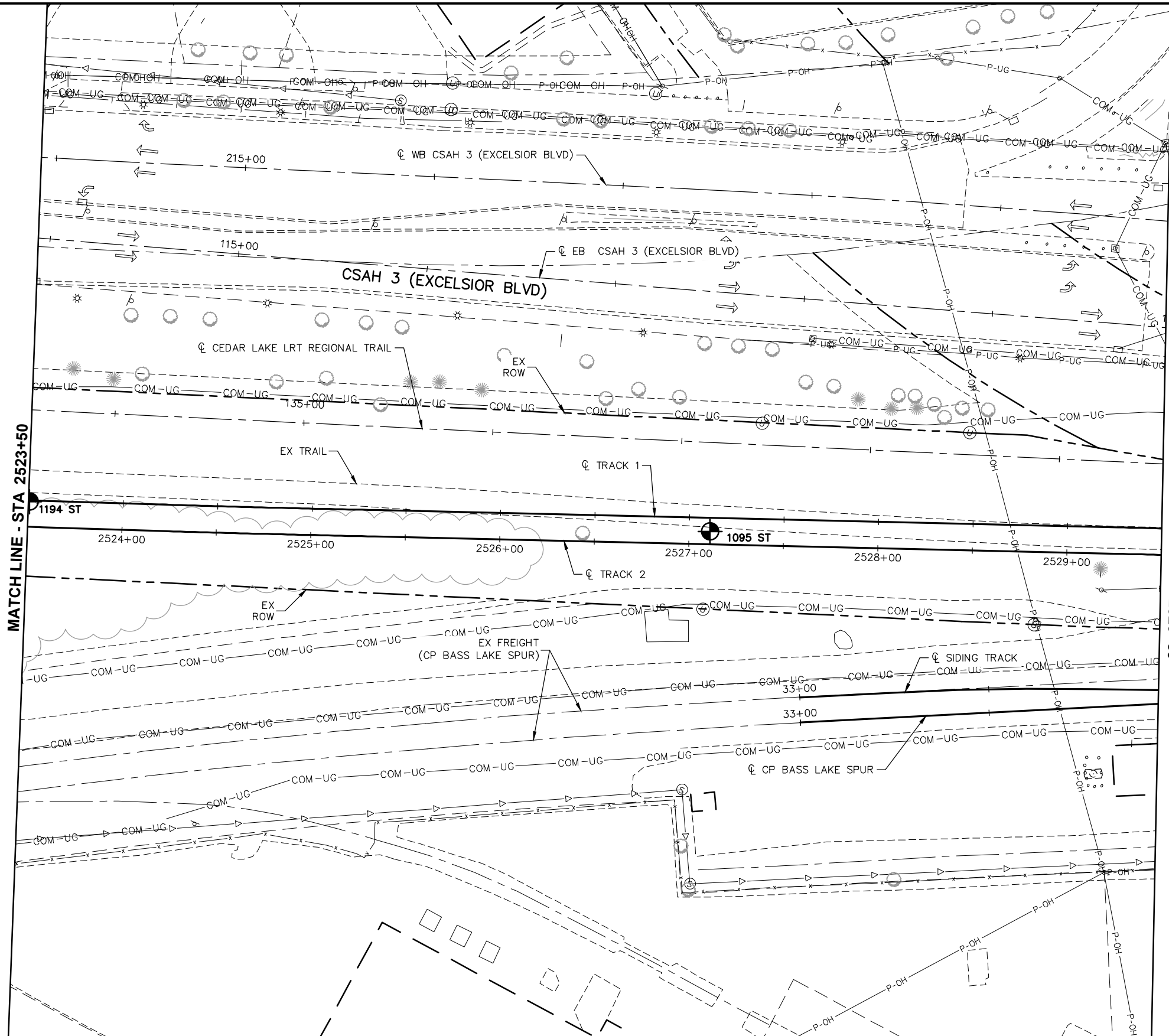
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E1-SUR-PLN - 004

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18
OF
123

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 2523+50 TO STA 2529+50

DISCIPLINE:
GENERAL

DRAFT-WORK IN PROCESS

SHEET NAME:
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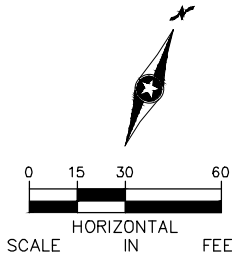
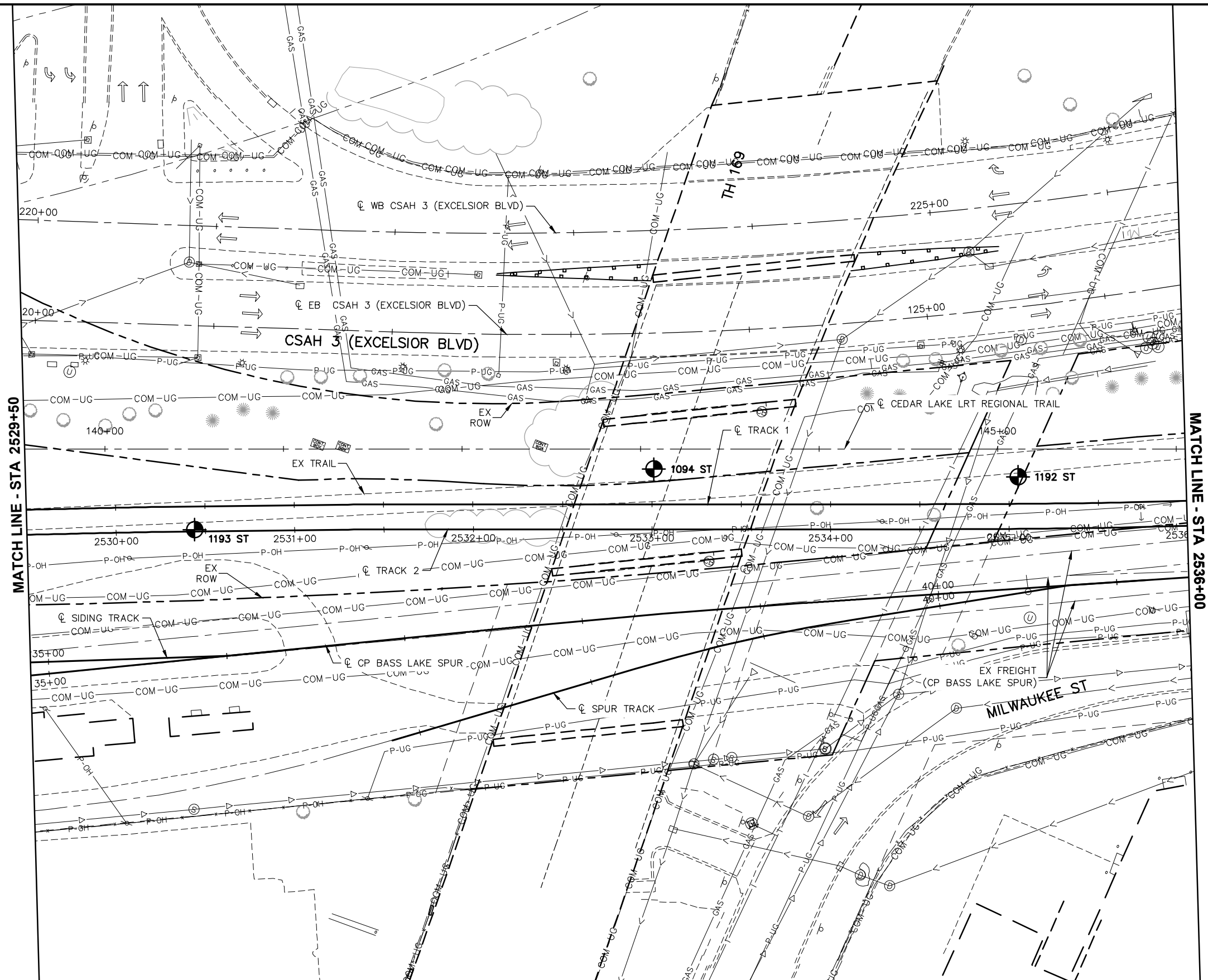
SHEET

19

OF

123

Sep. 16 2015 03:42 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2529+50 TO STA 2536+00

DISCIPLINE:

SURVEY

SHEET NAME:

E1-SUR-PLN - 006

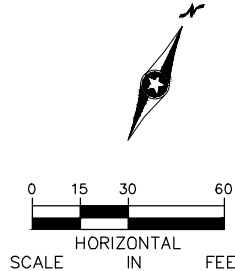
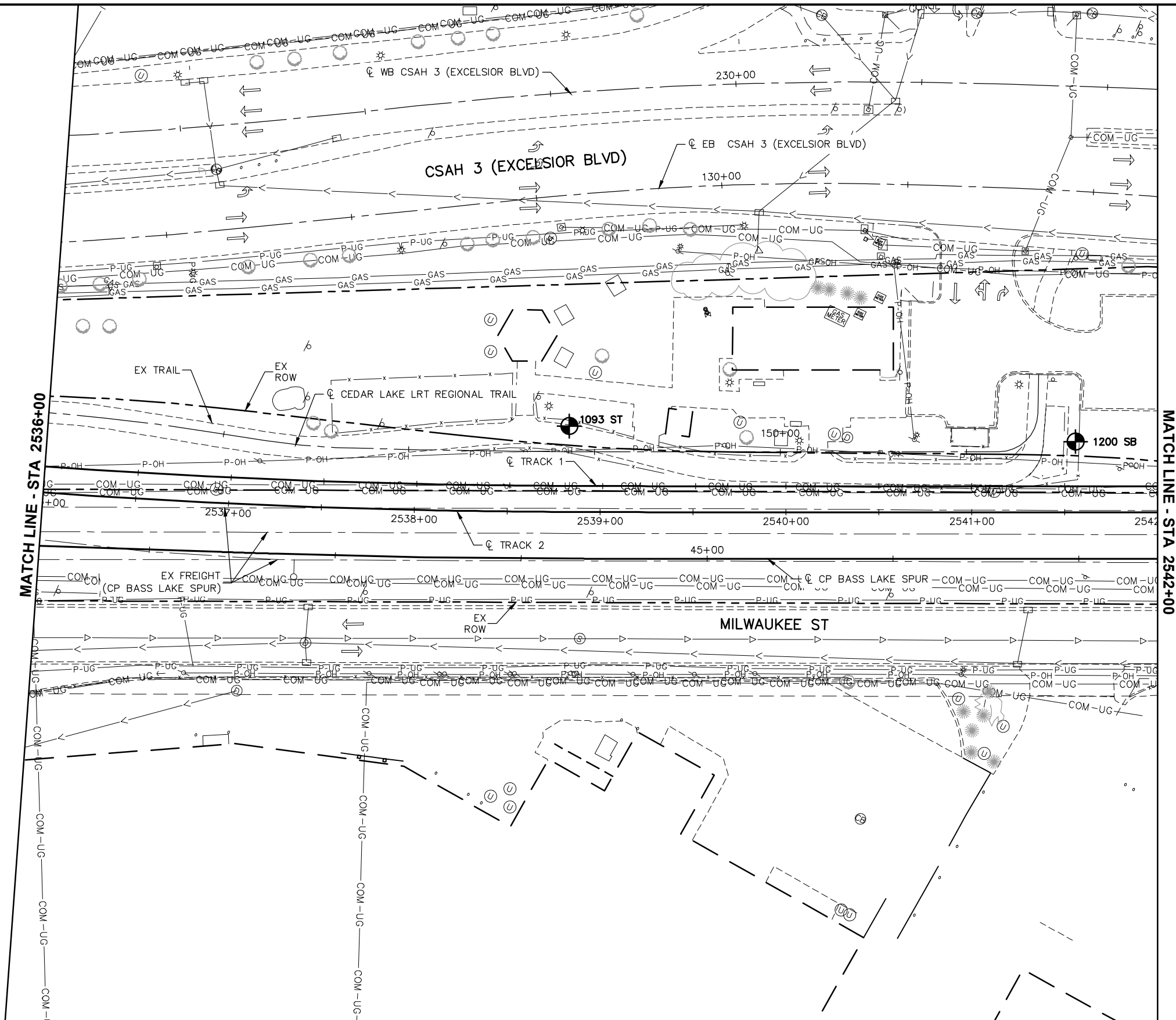
SHEET

20

OF

123

Sep. 16 2015 03:43 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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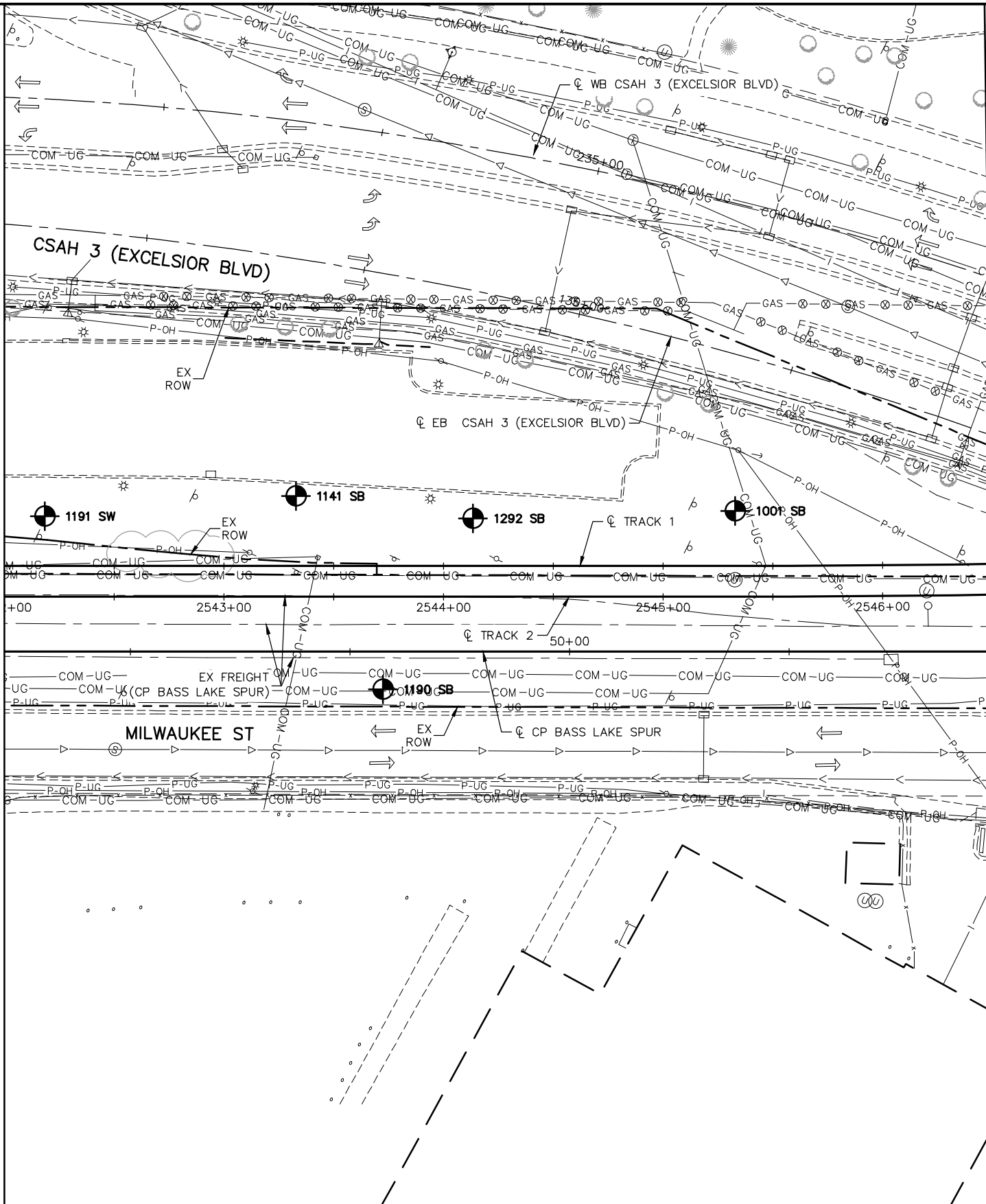


CIVIL EAST - VOLUME 1	
GENERAL	
EXISTING CONDITIONS PLAN	
STA 2536+00 TO STA 2542+00	
DISCIPLINE:	SHEET NAME:
SURVEY	E1-SUR-PLN - 007

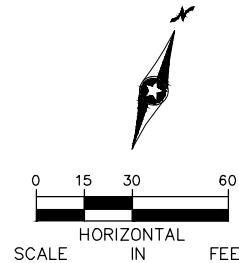
SHEET
21
OF
123

Sep. 16 2015 03:43 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573

MATCH LINE - STA 2542+00



MATCH LINE - STA 2546+50



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2542+00 TO STA 2546+50

DISCIPLINE:

SURVEY

SHEET NAME:

E1-SUR-PLN - 008

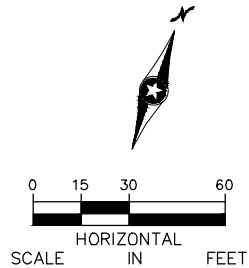
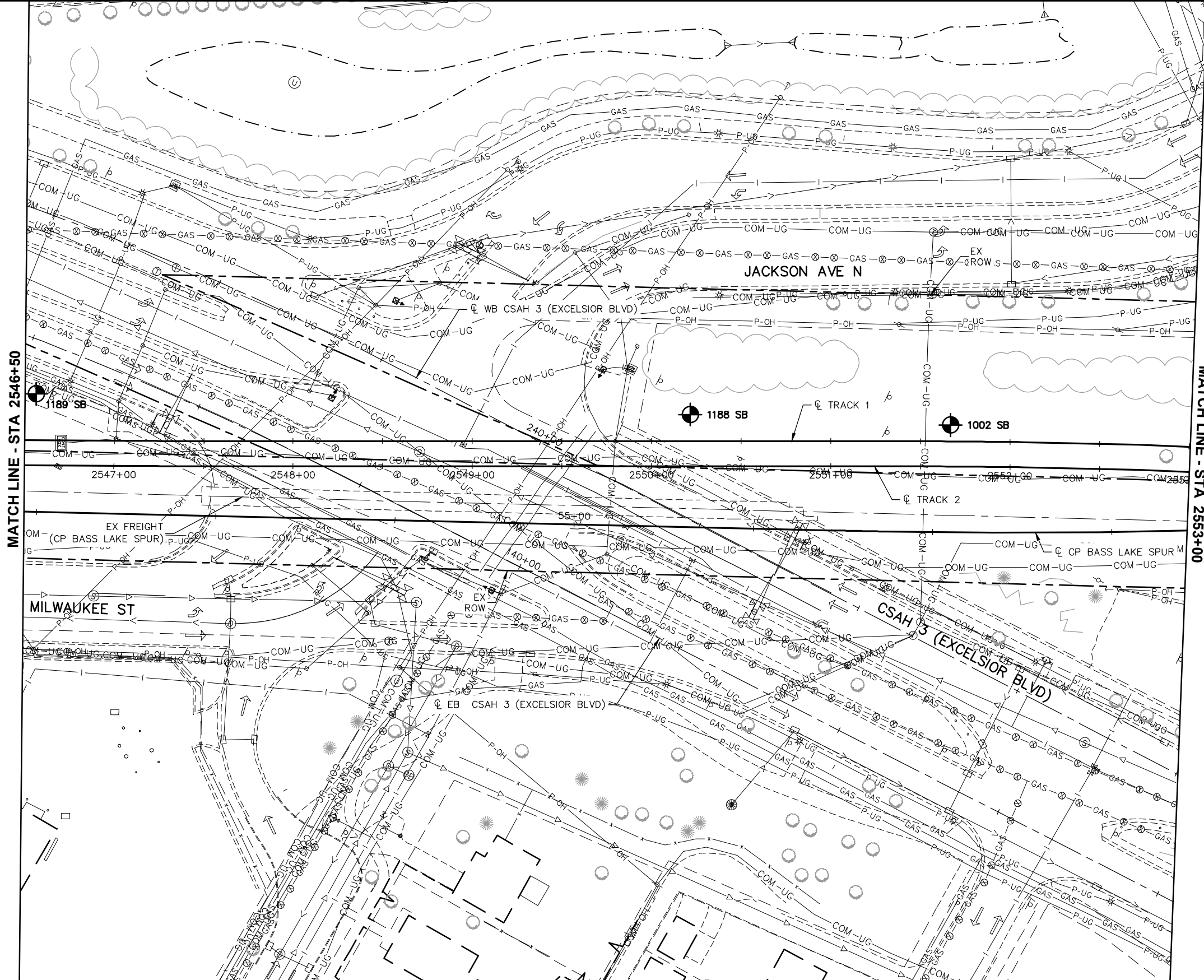
SHEET

22

OF

123

Sep. 16 2015 03:44 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573



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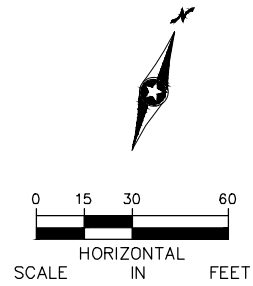
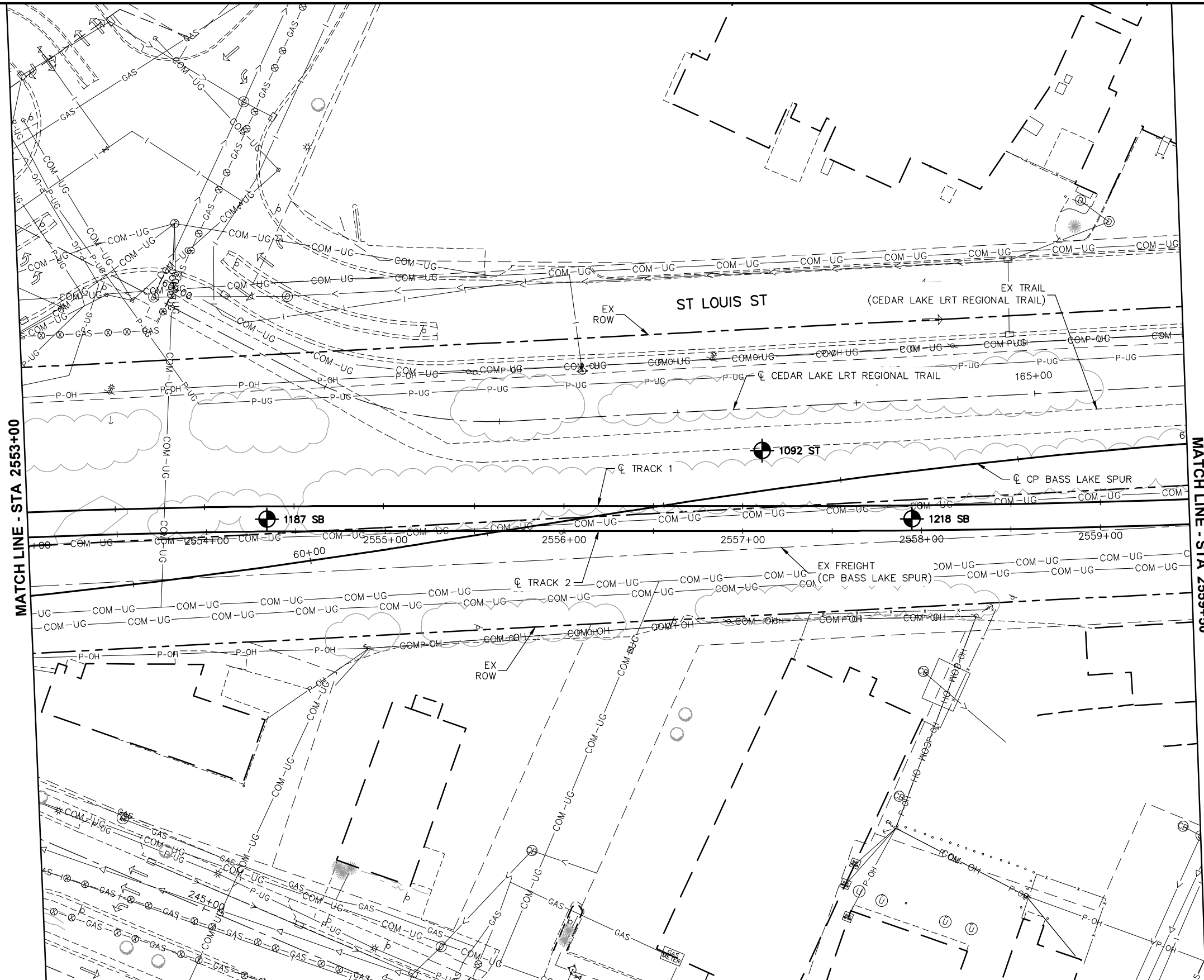
CIVIL EAST - VOLUME 2
GENERAL
EXISTING CONDITIONS PLAN
STA 2546+50 TO STA 2553+00

DISCIPLINE: SURVEY
SHEET NAME: E1-SUR-PLN - 009

DRAFT-WORK IN PROCESS

SHEET 23 OF 123

Sep. 16 2015 03:45 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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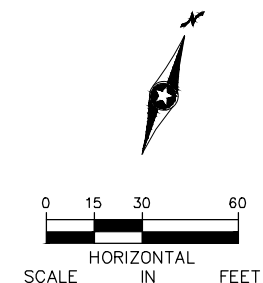
SOUTHWEST Green Line LRT Extension

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2553+00 TO STA 2559+50

DISCIPLINE: SURVEY

SHEET NAME: E1-SUR-PLN - 010

SHEET
24
OF
123



DRAFT-WORK IN PROCESS

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**CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2559+50 TO STA 2566+50**

DISCIPLINE:

SURVEY

SHEET NAME:

E1-SUR-PLN - 011

SHEET

25

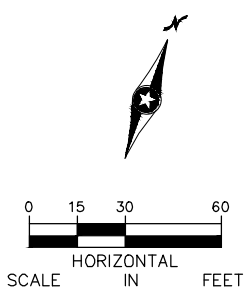
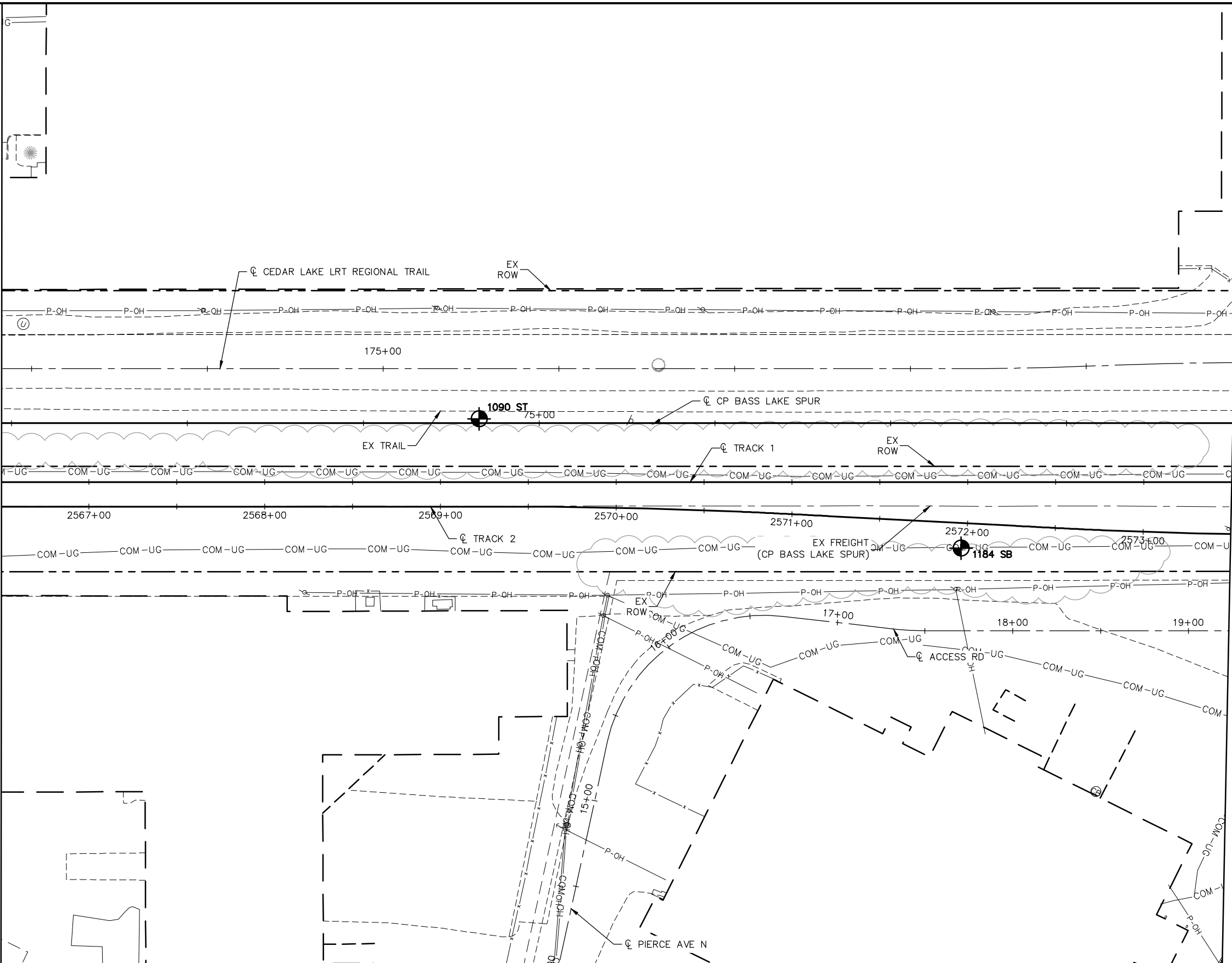
OF

123

Sep. 16 2015 03:46 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573

MATCH LINE - STA 2566+50

MATCH LINE - STA 2573+50



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2566+50 TO STA 2573+50

DISCIPLINE:

SURVEY

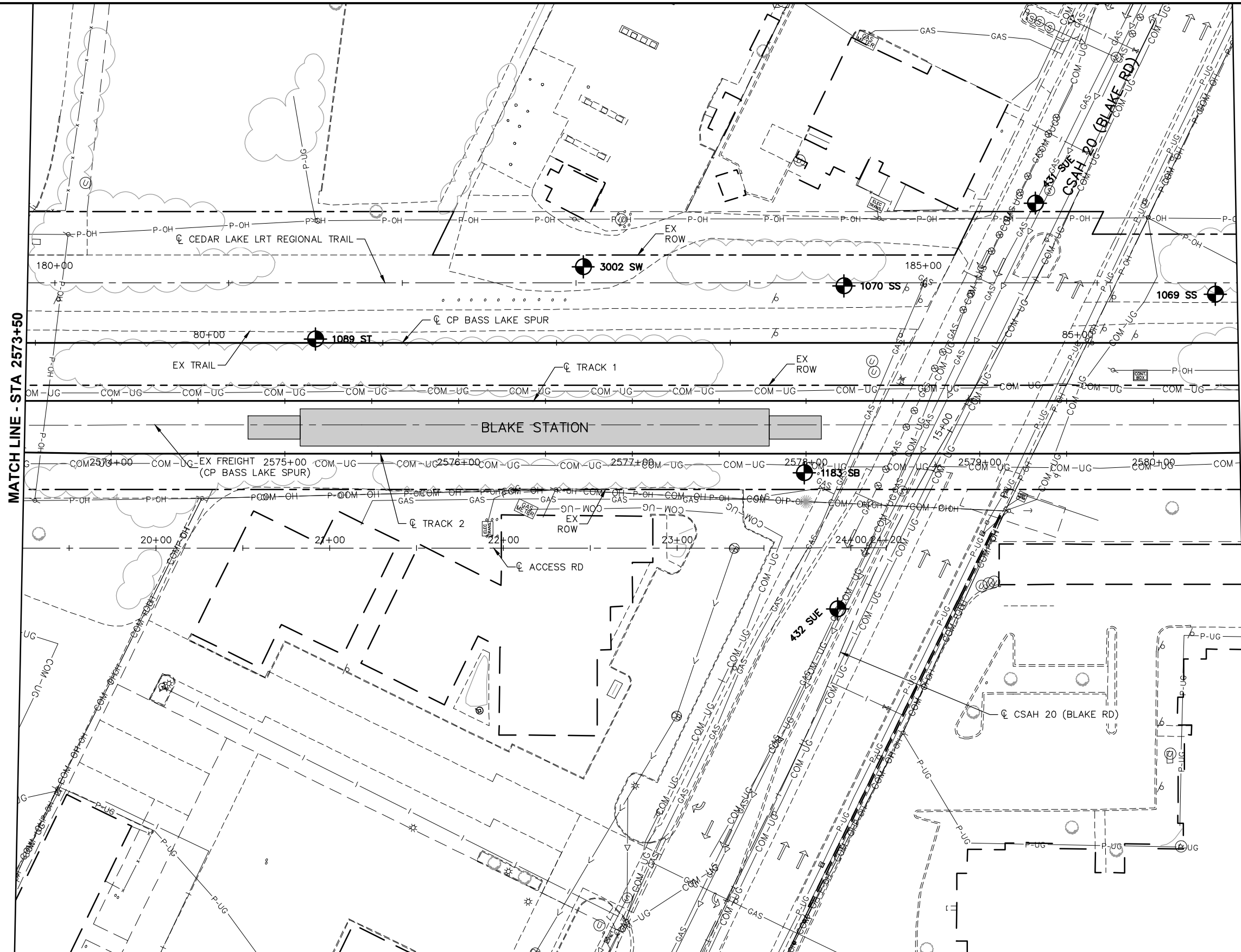
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E1-SUR-PLN - 012

SHEET
26
OF
123

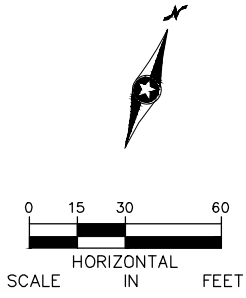
60% SUBMISSION - 09/28/15

Sep. 16 2015 03:47 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573

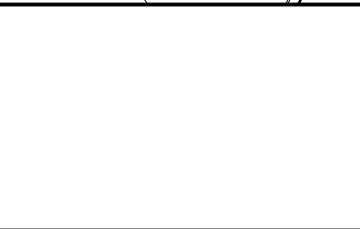


MATCH LINE - STA 2573+50

DRAFT-WORK IN PROCESS



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2573+50 TO STA 2580+50

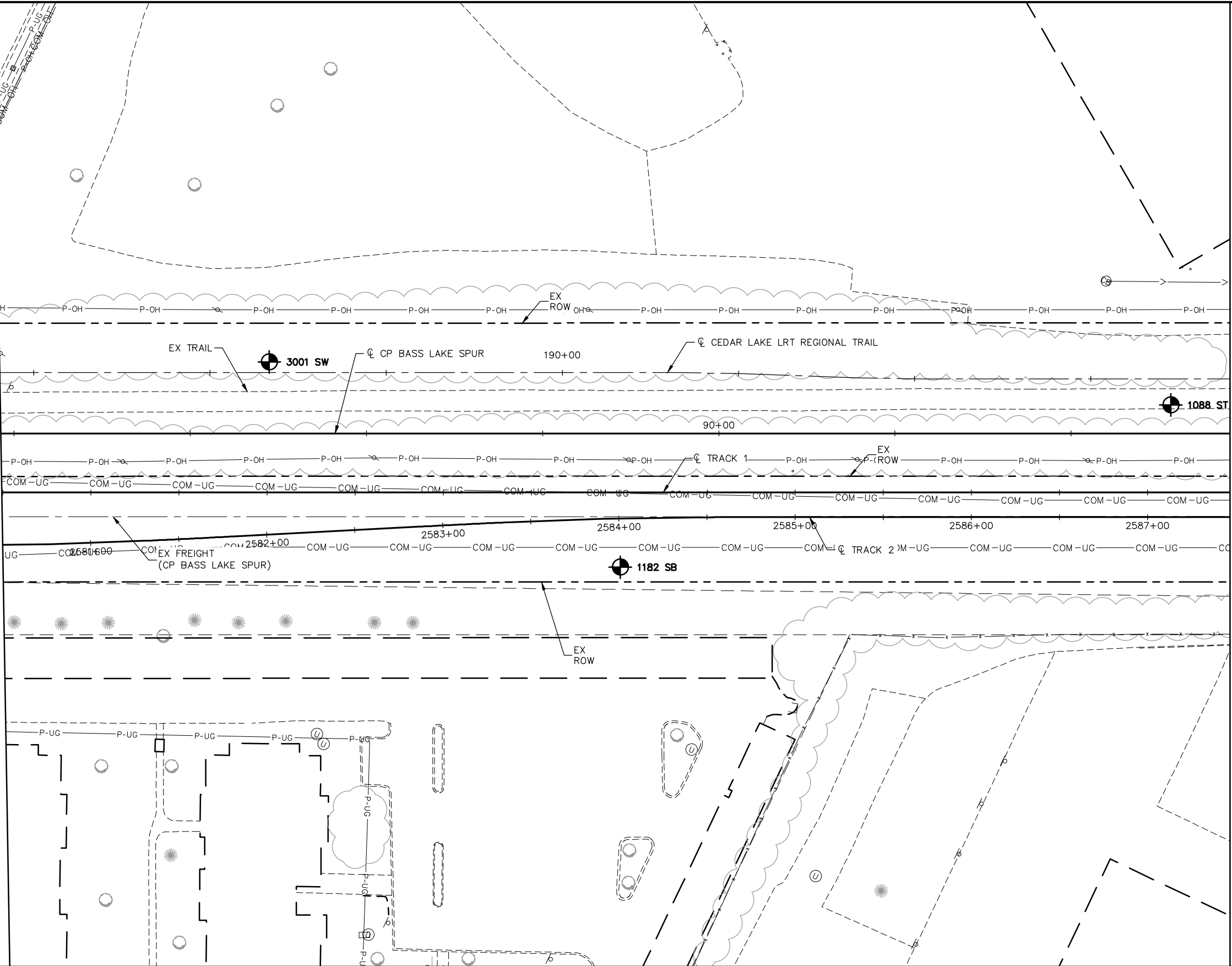
DISCIPLINE:
SURVEY

SHEET NAME:
E1-SUR-PLN - 013

SHEET
27
OF
123

Sep. 16 2015 03:47 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573

MATCH LINE - STA 2580+50



MATCH LINE - STA 2587+50

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2580+50 TO STA 2587+50

DISCIPLINE:

SURVEY

SHEET NAME:

E1-SUR-PLN - 014

SHEET

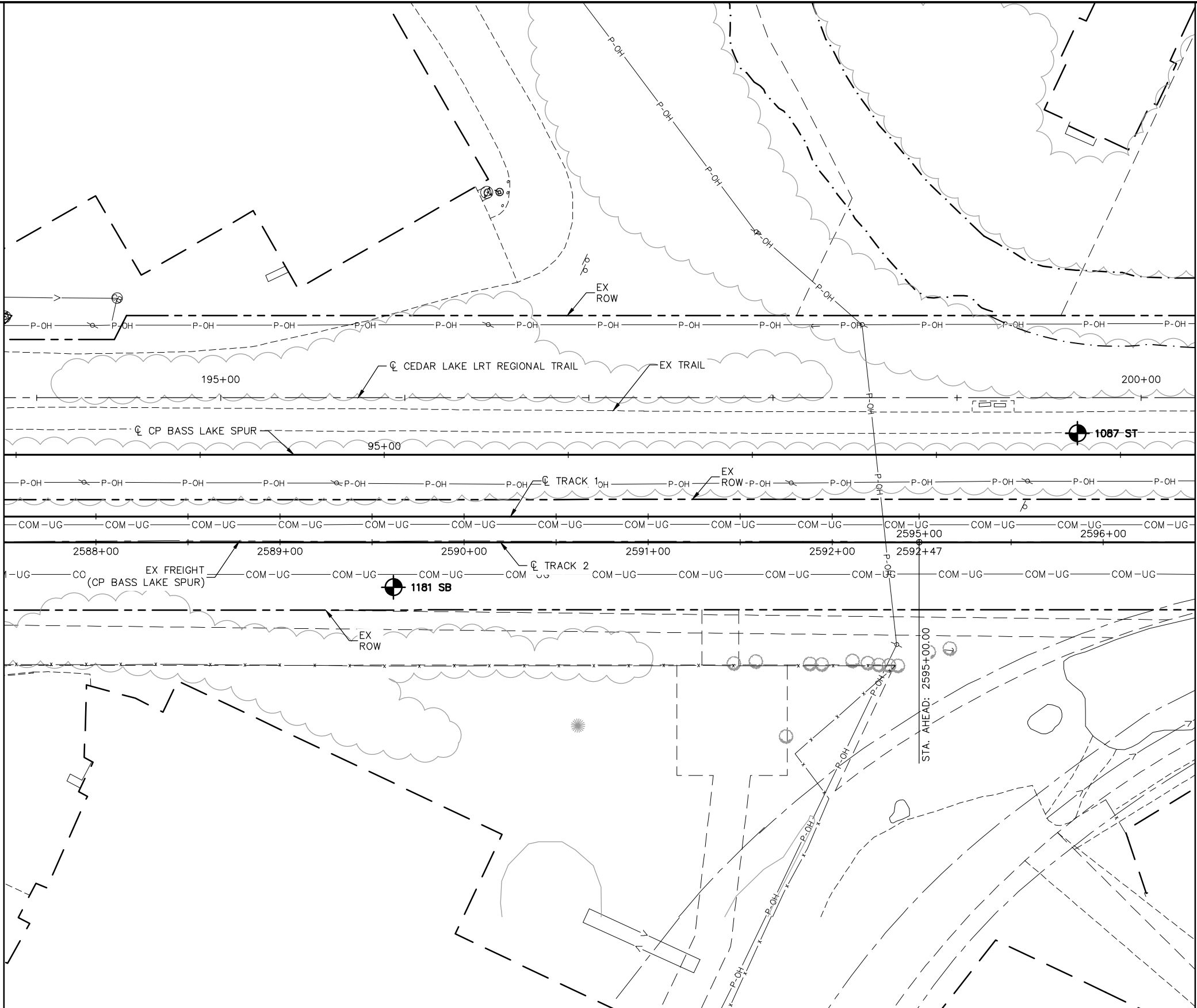
28

OF

123

Sep. 16 2015 03:48 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573

MATCH LINE - STA 2587+50



MATCH LINE-STA 2596+50

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15

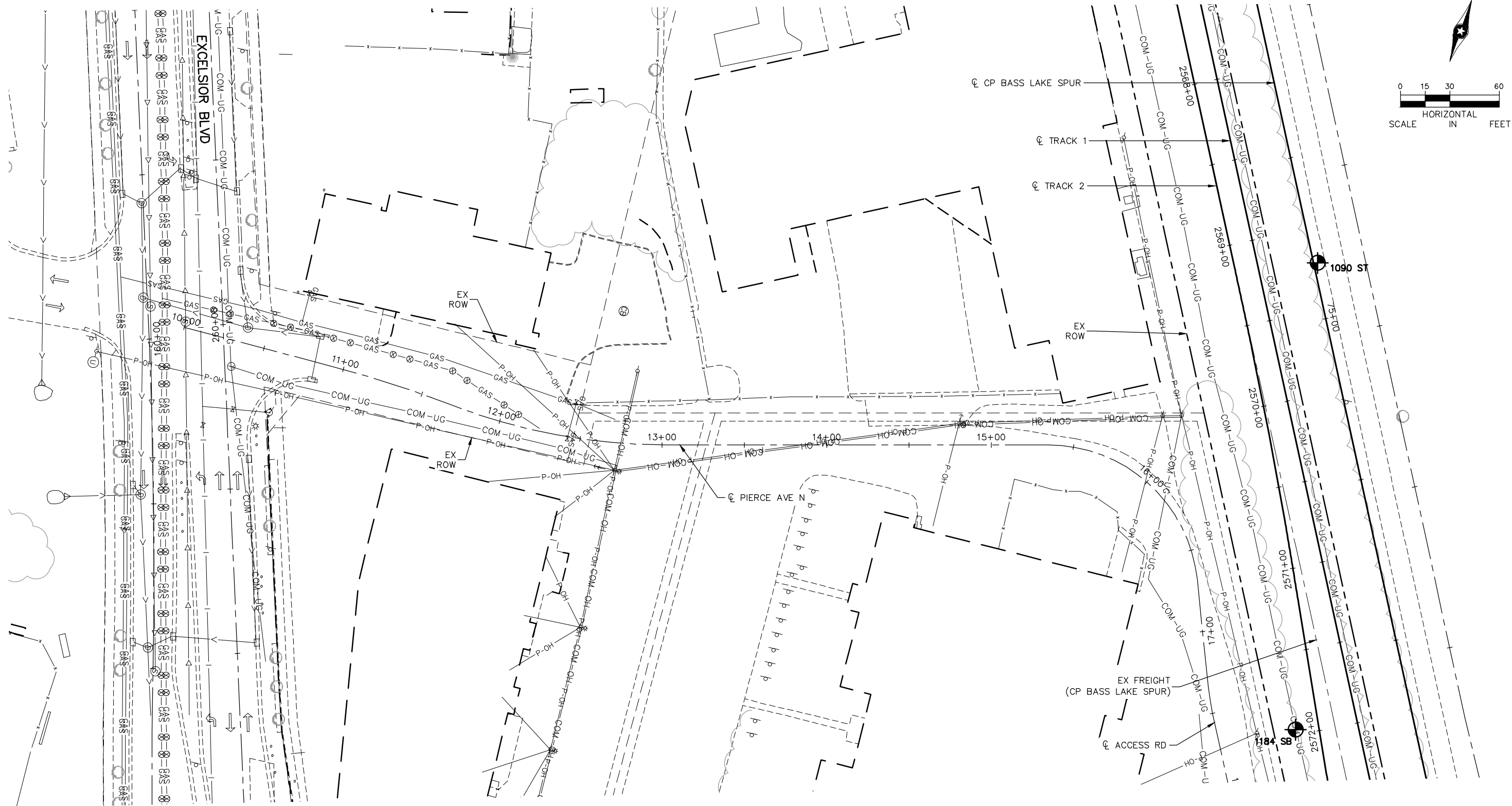


CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2587+50 TO STA 2596+50

DISCIPLINE: SURVEY
SHEET NAME: E1-SUR-PLN - 015

SHEET
29
OF
123

Sep. 16 2015 03:49 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PIERCE ST

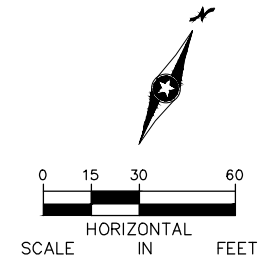
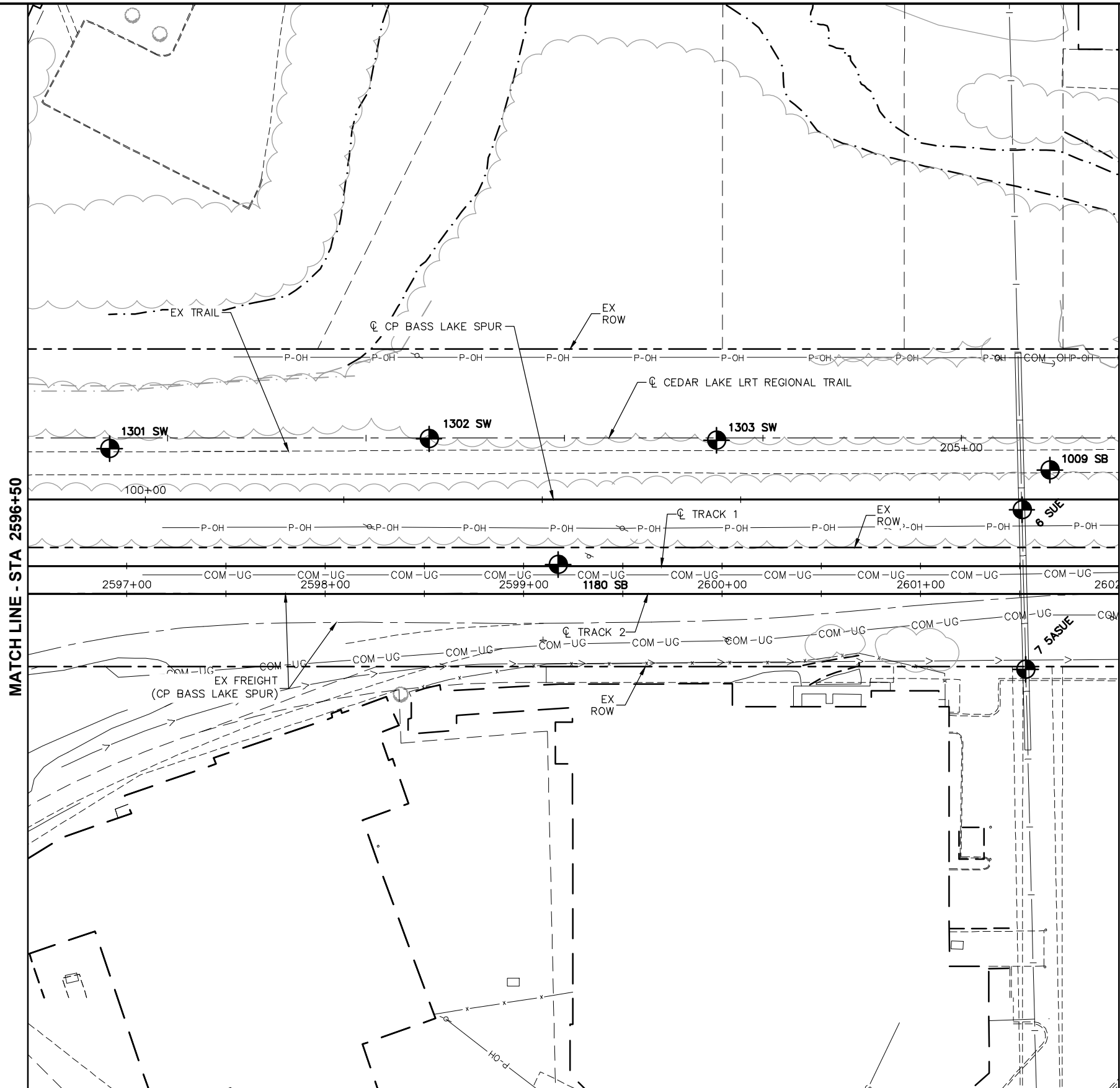
DISCIPLINE:
SURVEY

SHEET NAME:
E1-SUR-PLN - 016

SHEET
30
OF
123

60% SUBMISSION - 09/28/15

Sep. 16 2015 03:49 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METROPOLITAN
COUNCIL

SOUTHWEST
Green Line LRT Extension

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2596+50 TO STA 2602+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 001

SHEET

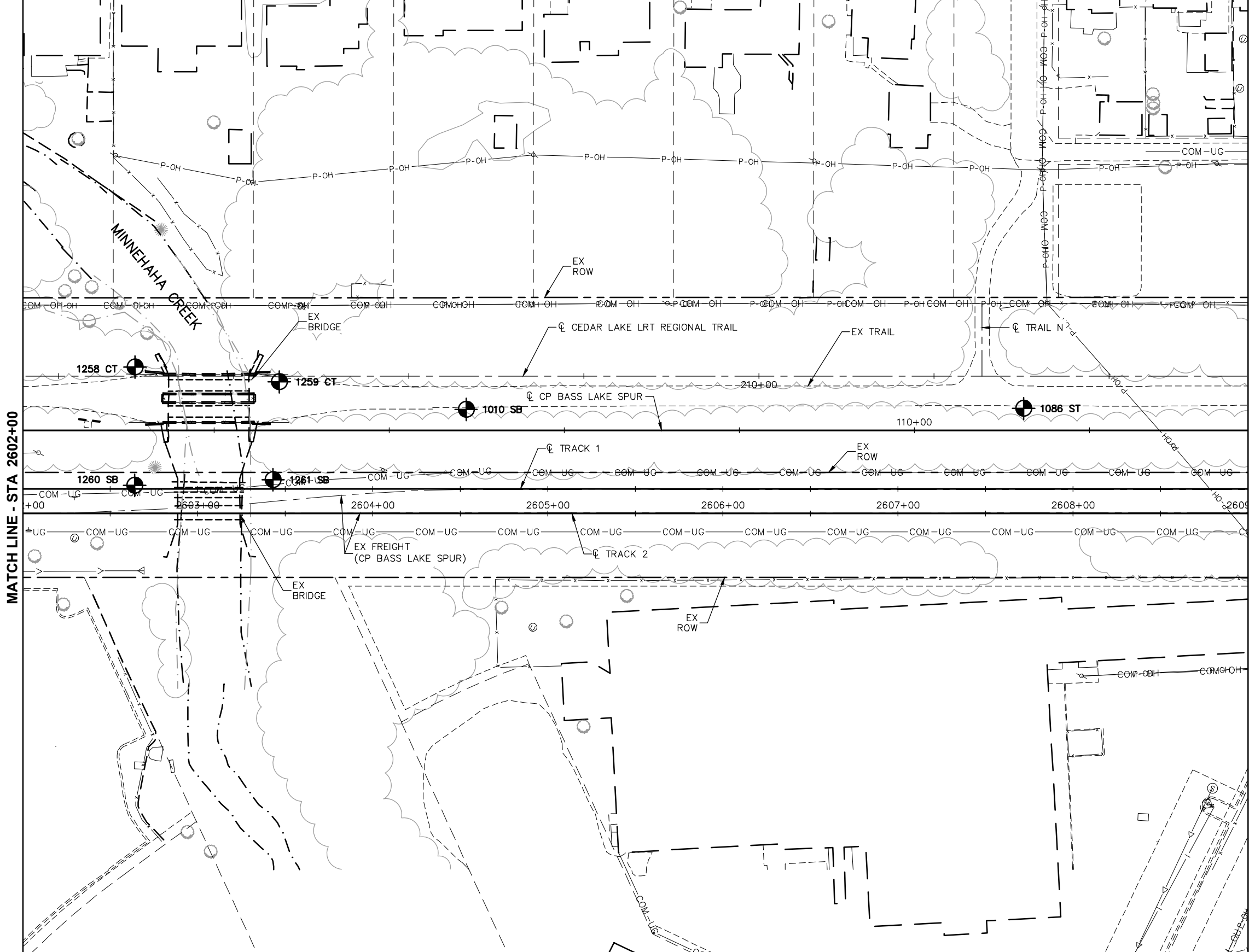
31

OF

123

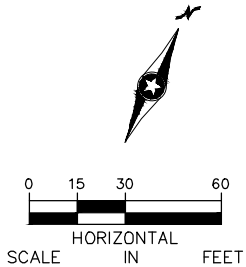
60% SUBMISSION - 09/28/15

Sep. 18 2015 07:54 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



MATCH LINE - STA 2609+00

MATCH LINE - STA 2602+00



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 2602+00 TO STA 2609+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 002

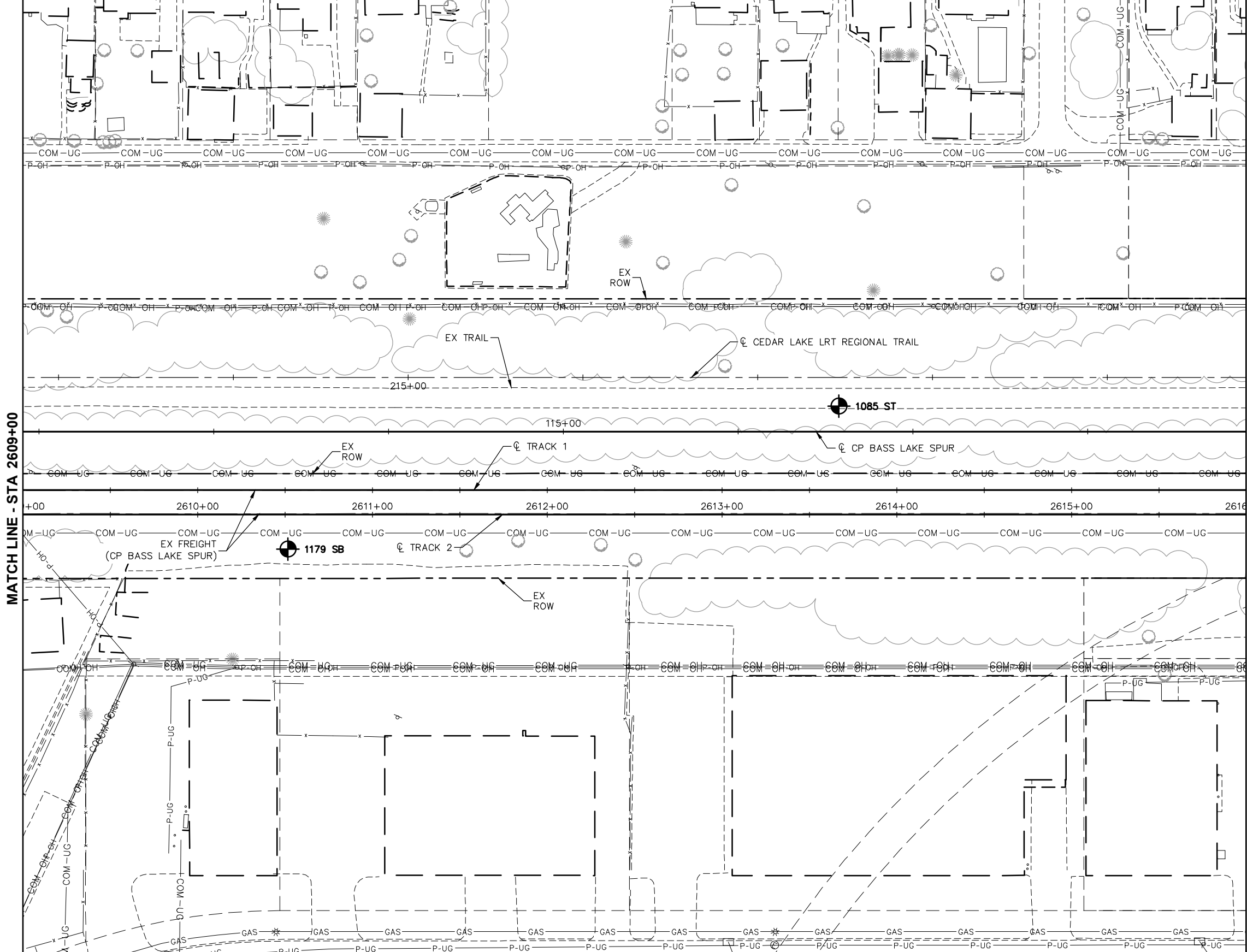
60% SUBMISSION - 09/28/15

32

OF

123

Sep. 16 2015 03:50 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



MATCH LINE - STA 2609+00

MATCH LINE - STA 2616+00

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2609+00 TO STA 2616+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 003

SHEET

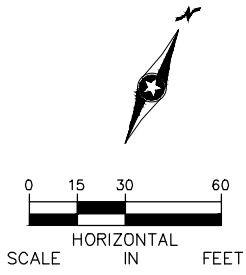
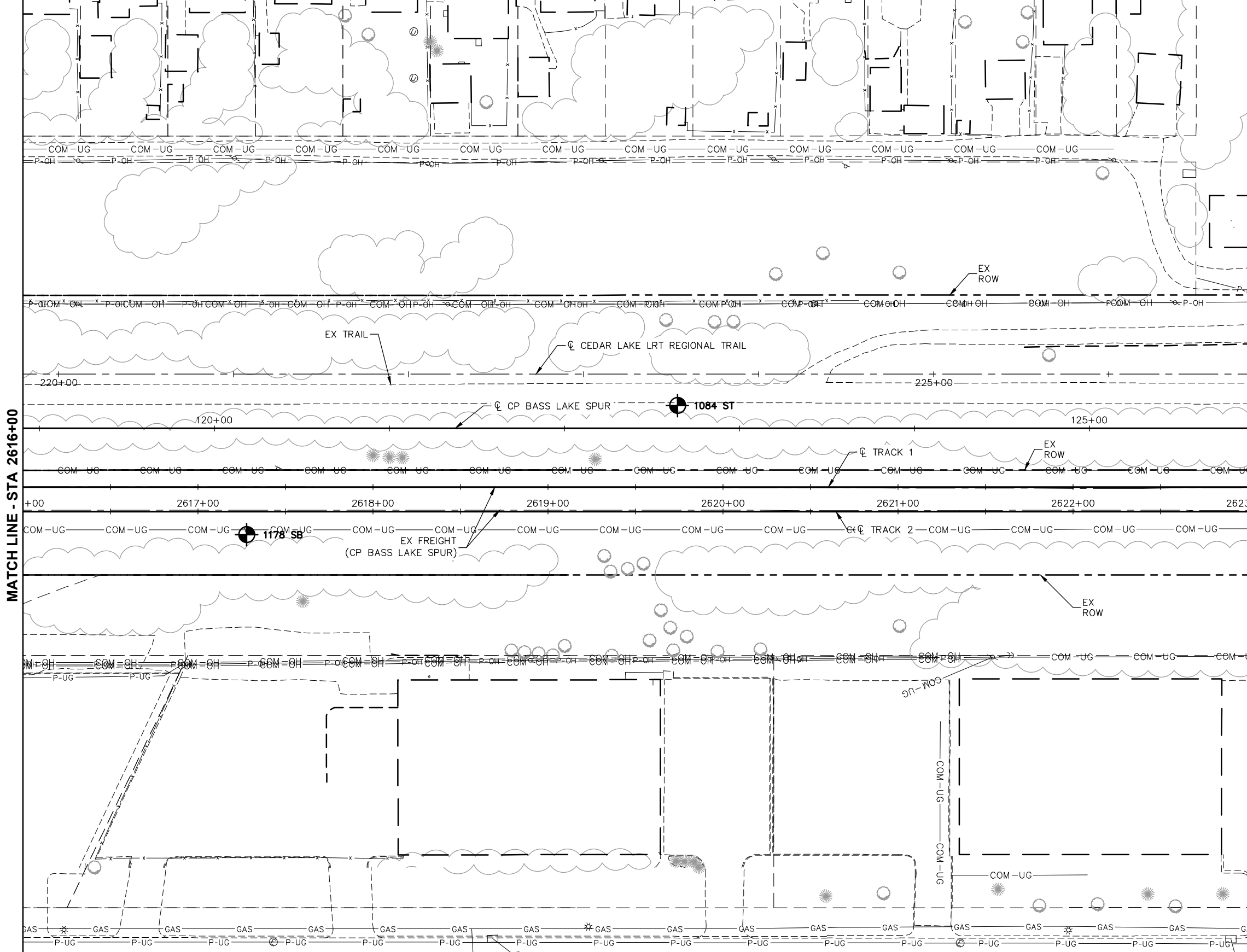
33

OF

123

60% SUBMISSION - 09/28/15

Sep. 16 2015 03:51 pm V:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



MATCH LINE - STA 2623+00

MATCH LINE - STA 2616+00

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



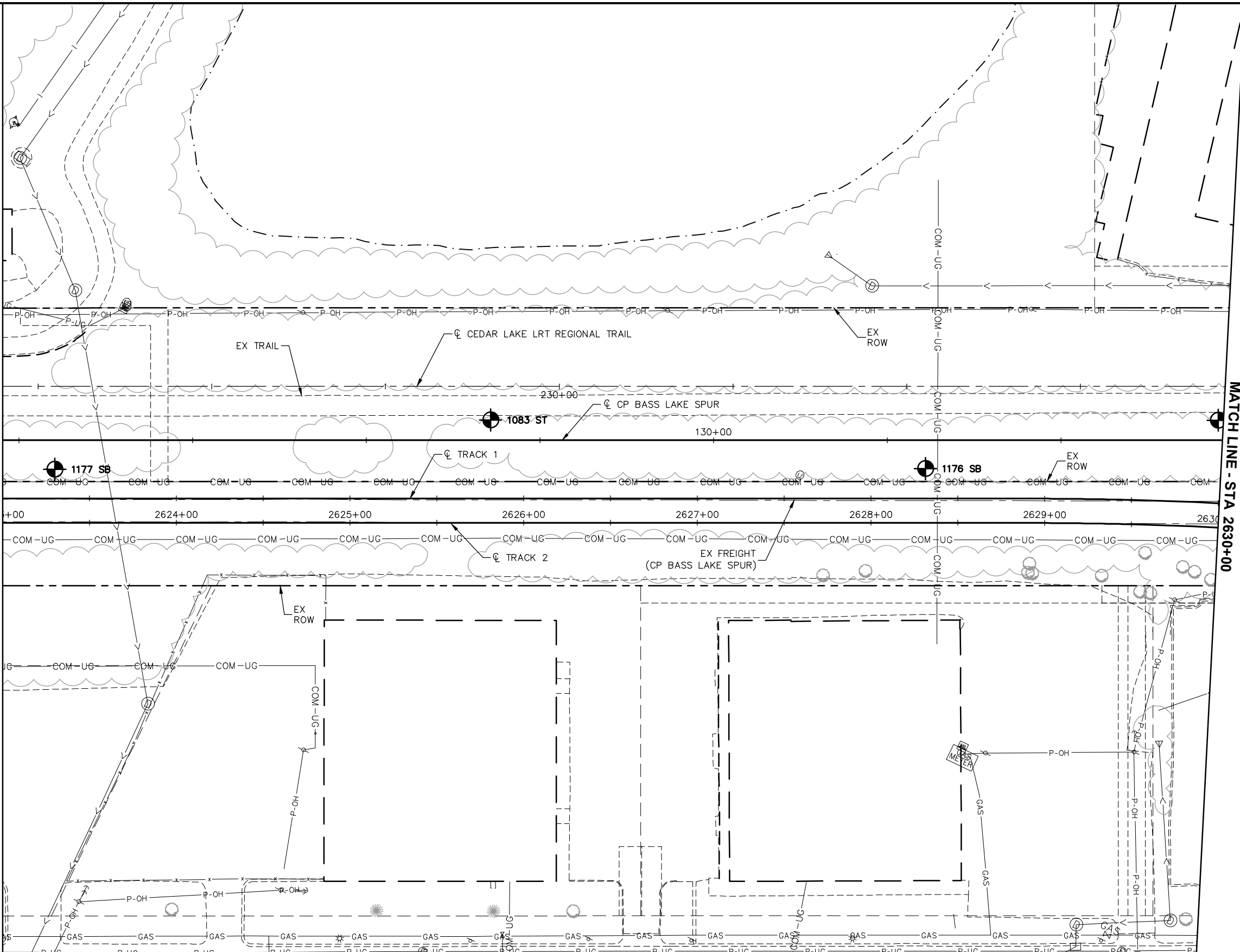
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2616+00 TO STA 2623+00

DISCIPLINE: SURVEY
SHEET NAME: E2-SUR-PLN - 004

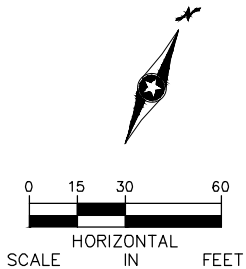
SHEET
34
OF
123

Sep. 16 2015 03:51 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573

MATCH LINE - STA 2623+00



MATCH LINE - STA 2630+00



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

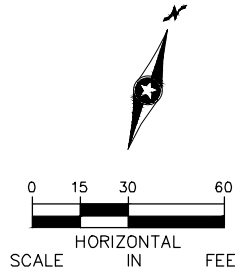
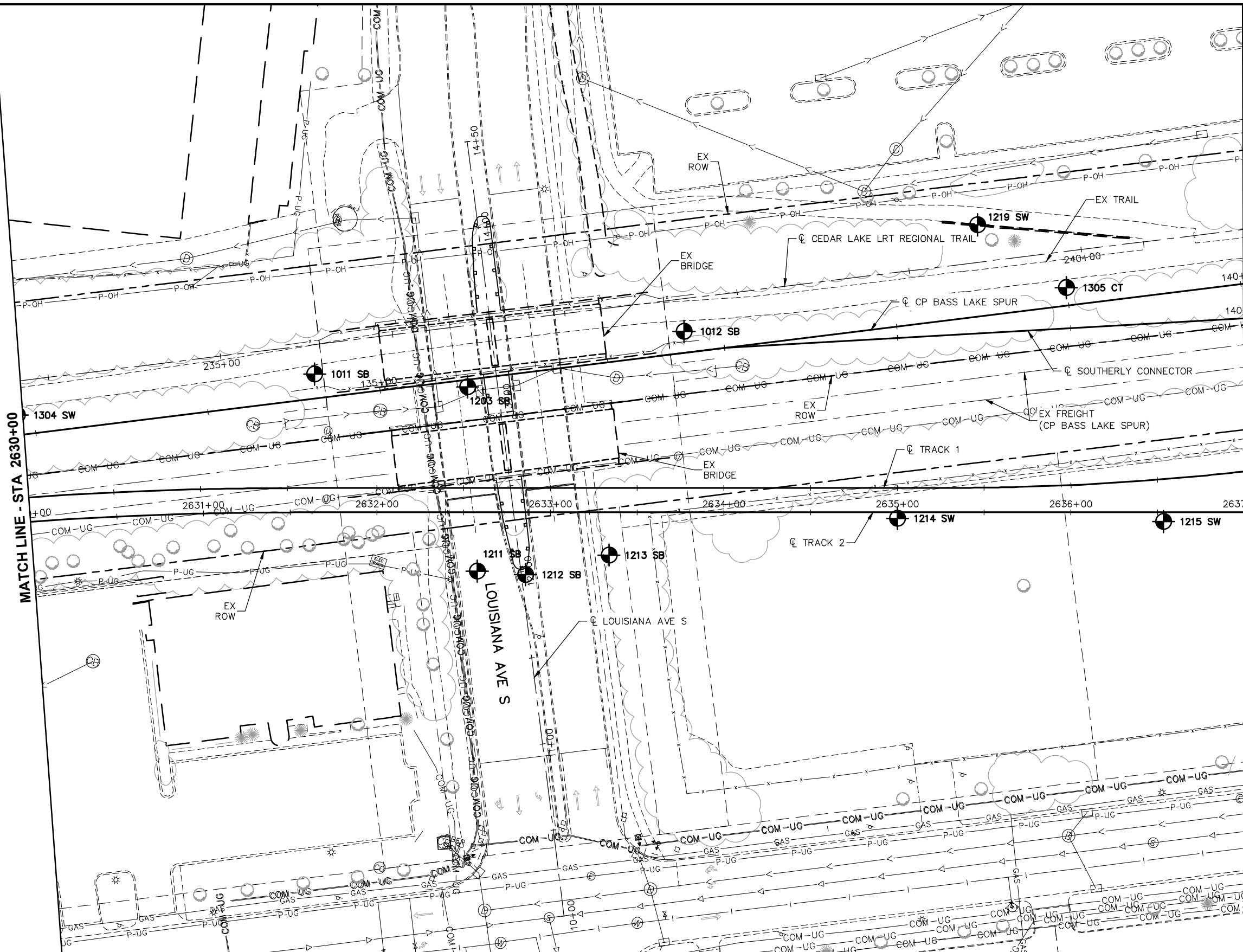
60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2623+00 TO STA 2630+00

DISCIPLINE: SURVEY
SHEET NAME: E2-SUR-PLN - 005

SHEET 35 OF 123

Sep. 16 2015 03:52 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

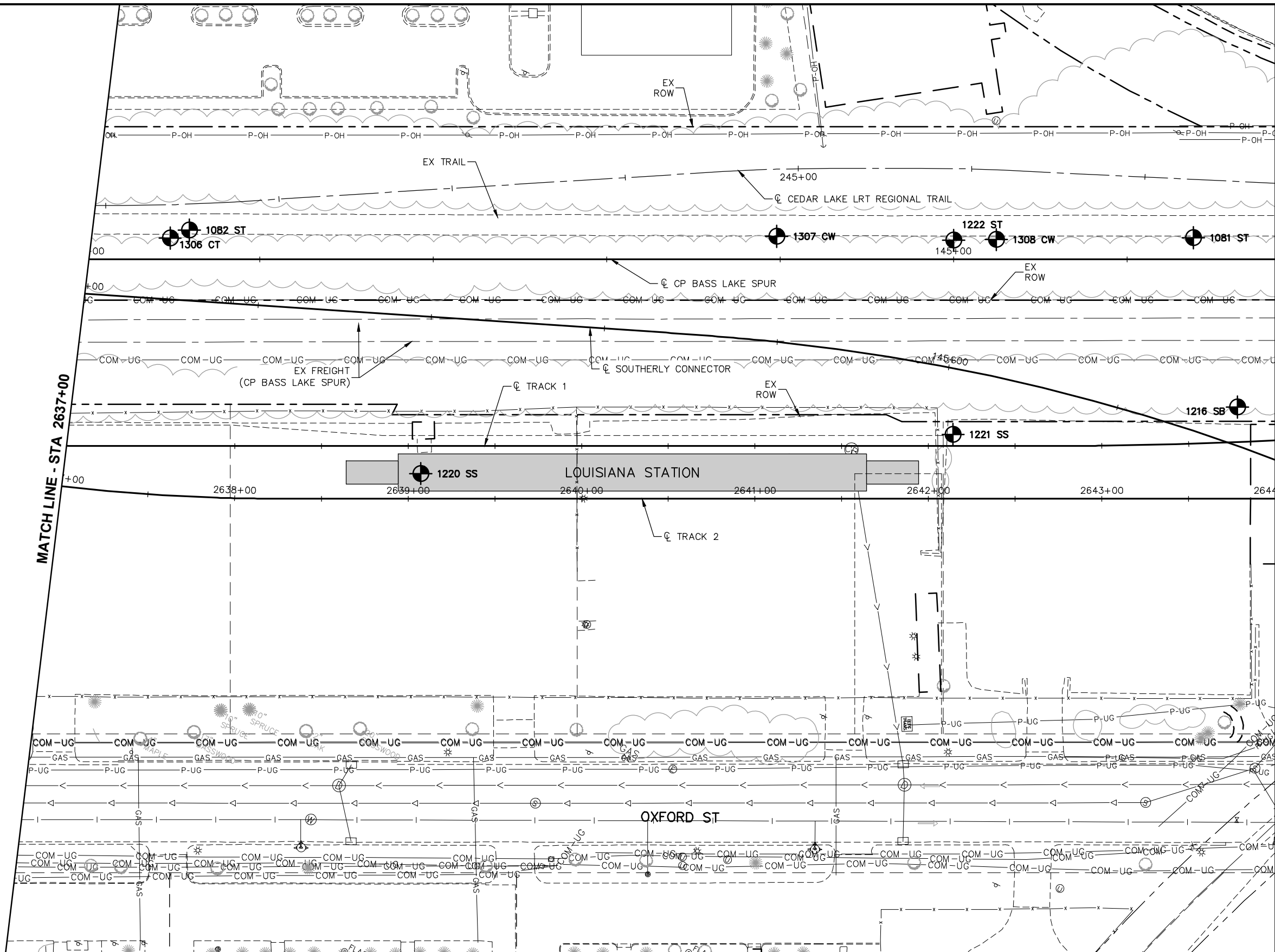
STA 2630+00 TO STA 2637+00

DISCIPLINE: SURVEY

SHEET NAME: E2-SUR-PLN - 006

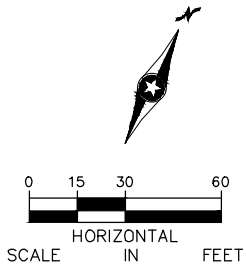
SHEET 36 OF 123

Sep. 16 2015 03:52 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



MATCH LINE - STA 2644+00

MATCH LINE - STA 2637+00



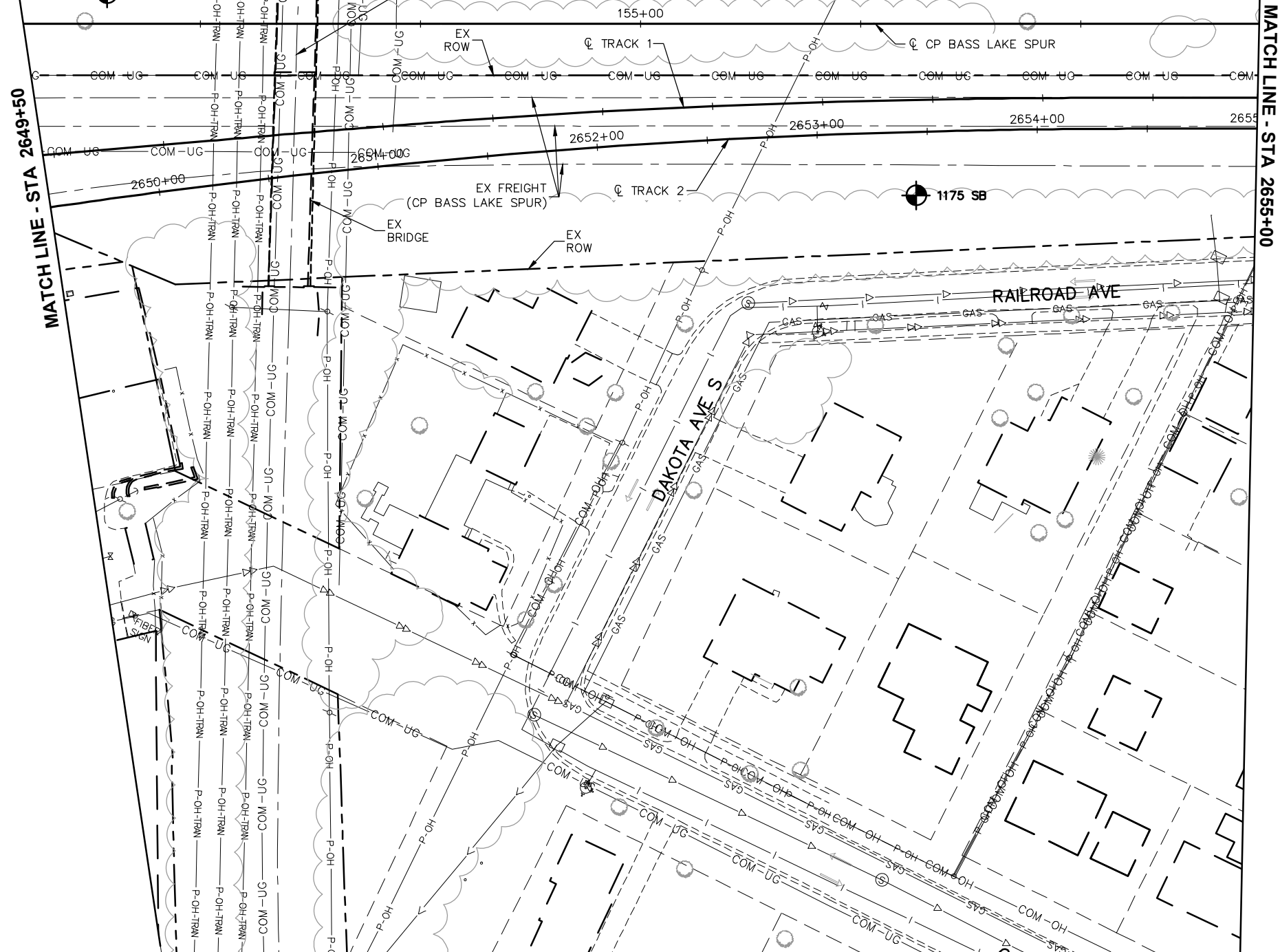
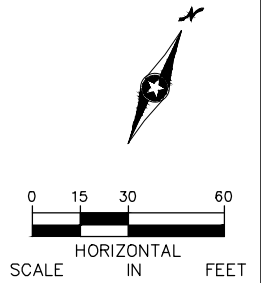
DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1	
GENERAL	
EXISTING CONDITIONS PLAN	
STA 2637+00 TO STA 2644+00	
DISCIPLINE:	SHEET NAME:
SURVEY	E2-SUR-PLN - 007

SHEET
37
OF
123

[illegible]**60% SUBMISSION - 09/28/15**

**CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2649+50 TO STA 2655+00**

DISCIPLINE: **SURVEY**

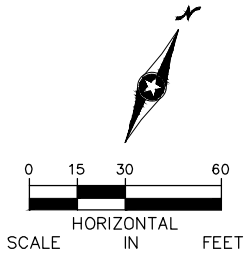
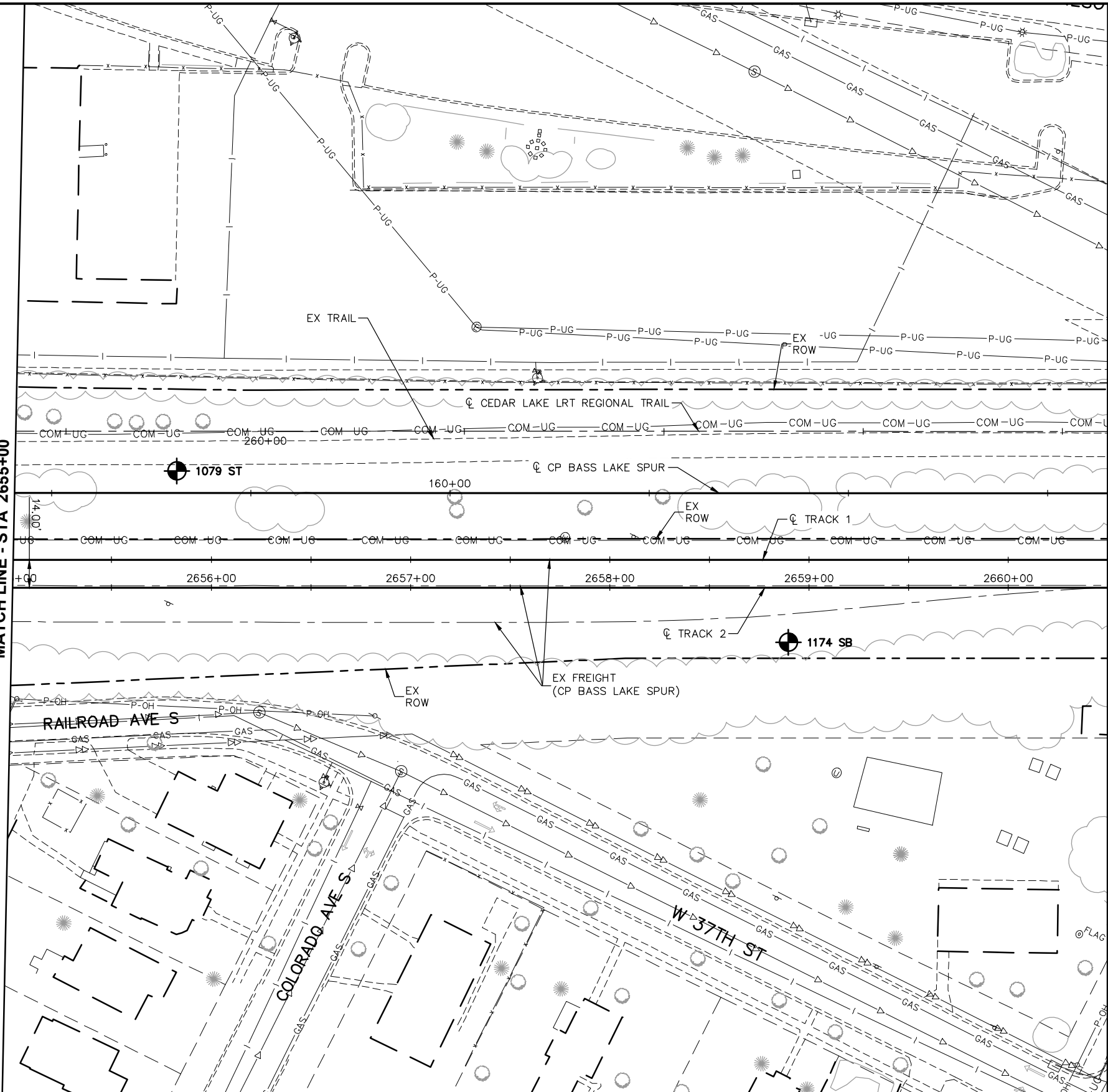
SHEET NAME:	E2-SUR-PLN - 009
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SHEET
39
OF
123

Sep. 16 2015 03:54 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573

MATCH LINE - STA 2655+00

MATCH LINE - STA 2660+50



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15

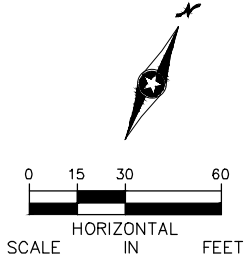
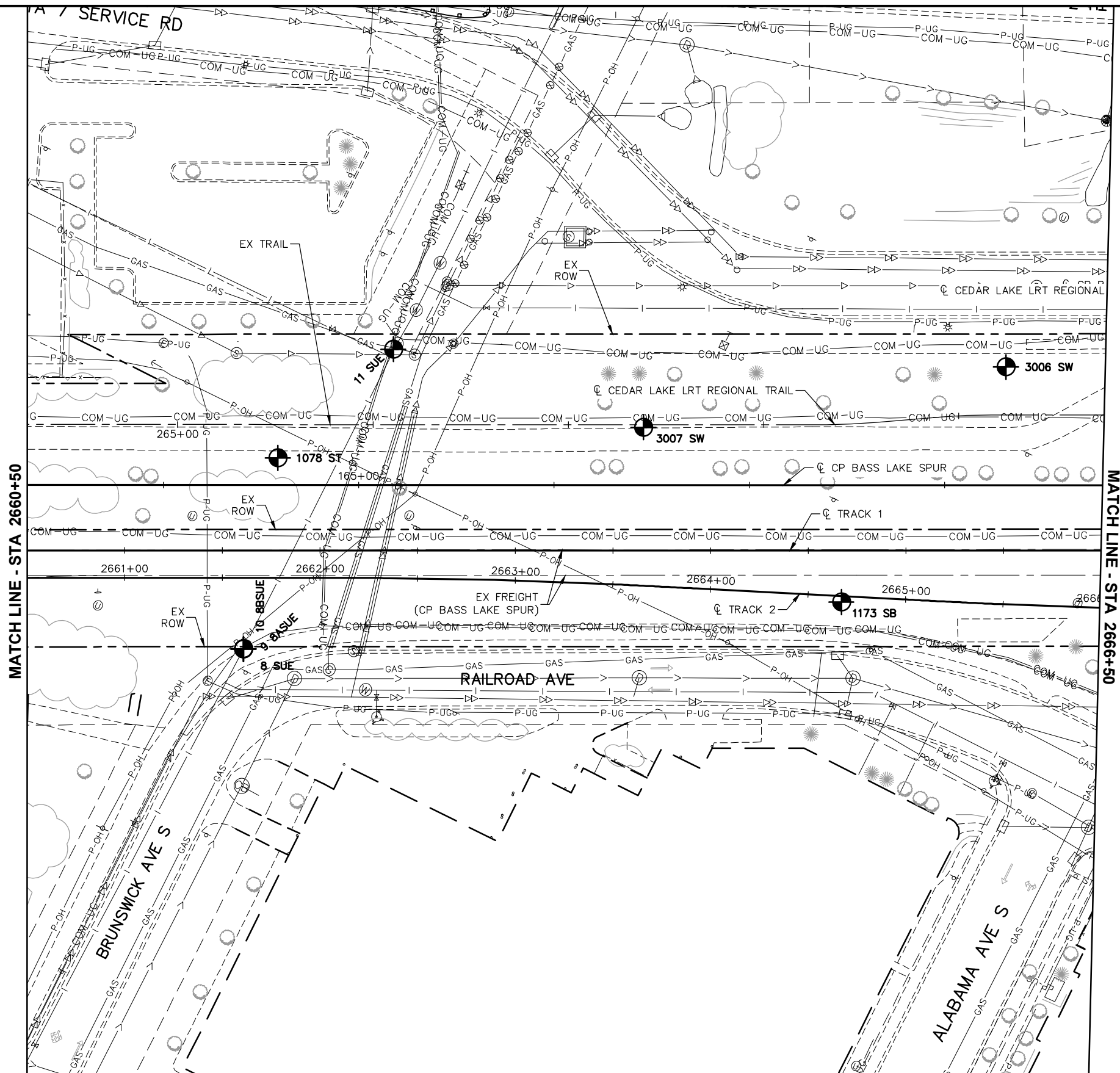
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2655+00 TO STA 2660+50

DISCIPLINE:
SURVEY

SHEET NAME:
E2-SUR-PLN - 010

SHEET
40
OF
123

Sep. 16 2015 03:54 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



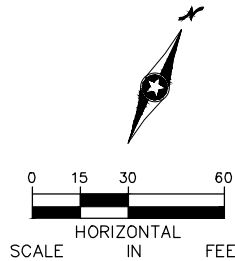
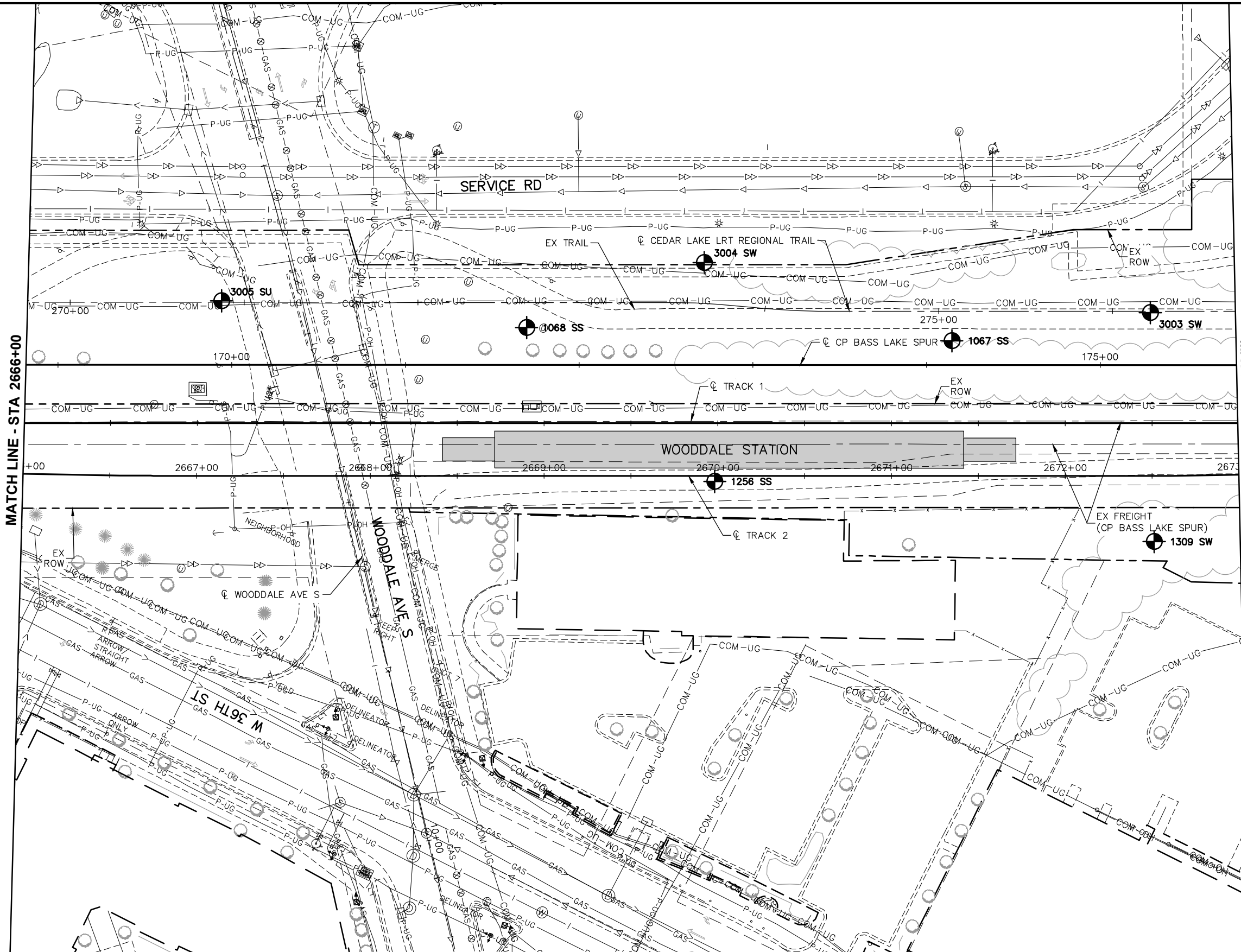
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2660+50 TO STA 2666+50

DISCIPLINE: SURVEY
SHEET NAME: E2-SUR-PLN - 011

SHEET
41
OF
123

DRAFT-WORK IN PROCESS

Sep. 16 2015 03:55 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2666+00 TO STA 2673+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 012

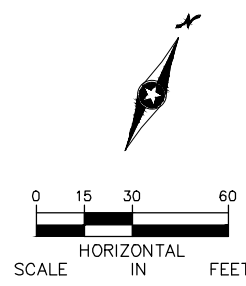
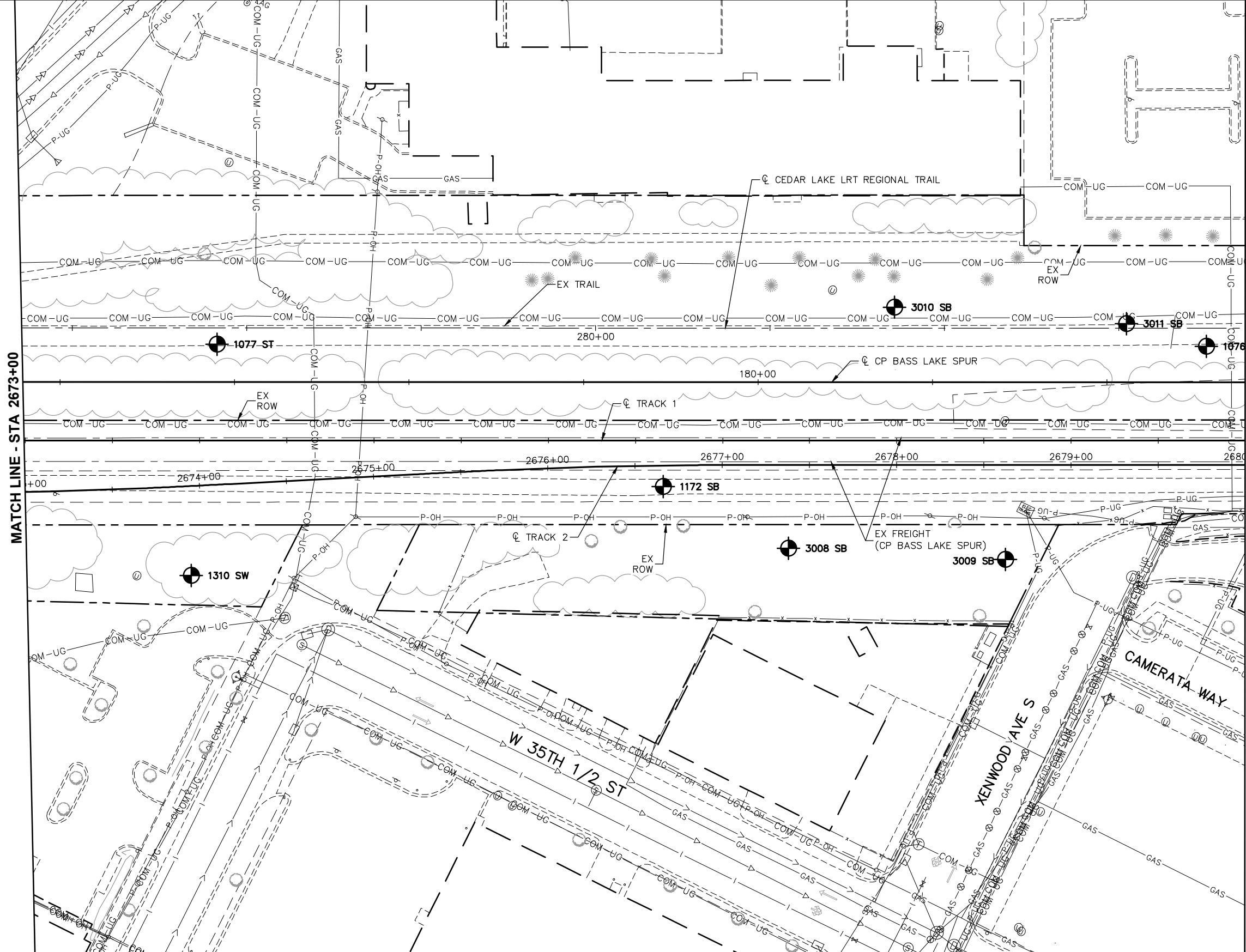
SHEET

42

OF

123

Sep. 16 2015 03:55 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 2673+00 TO STA 2680+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 013

SHEET

43

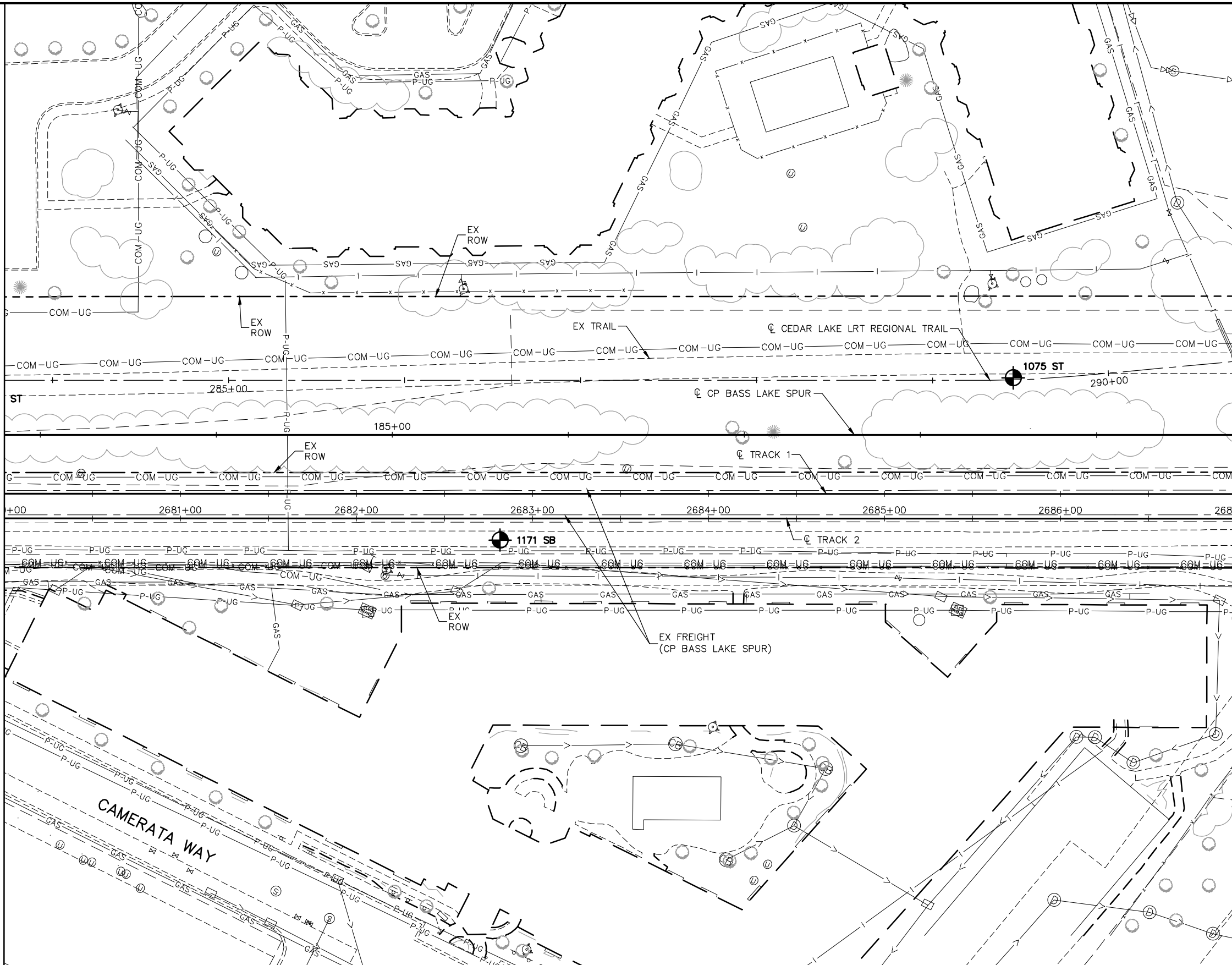
OF

123

Sep. 16 2015 03:56 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573

MATCH LINE - STA 2680+00

MATCH LINE - STA 2687+00



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

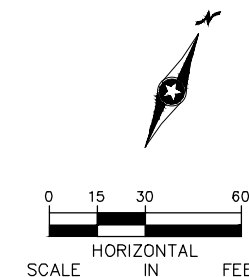


60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2680+00 TO STA 2687+00

DISCIPLINE:	SURVEY	SHEET NAME:	E2-SUR-PLN - 014
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SHEET
44
OF
123



DRAFT-WORK IN PROCESS

[illegible]

**CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2687+00 TO STA 2694+00**

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 015

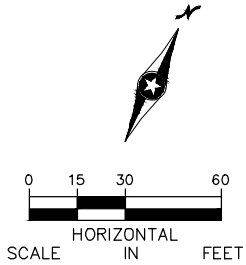
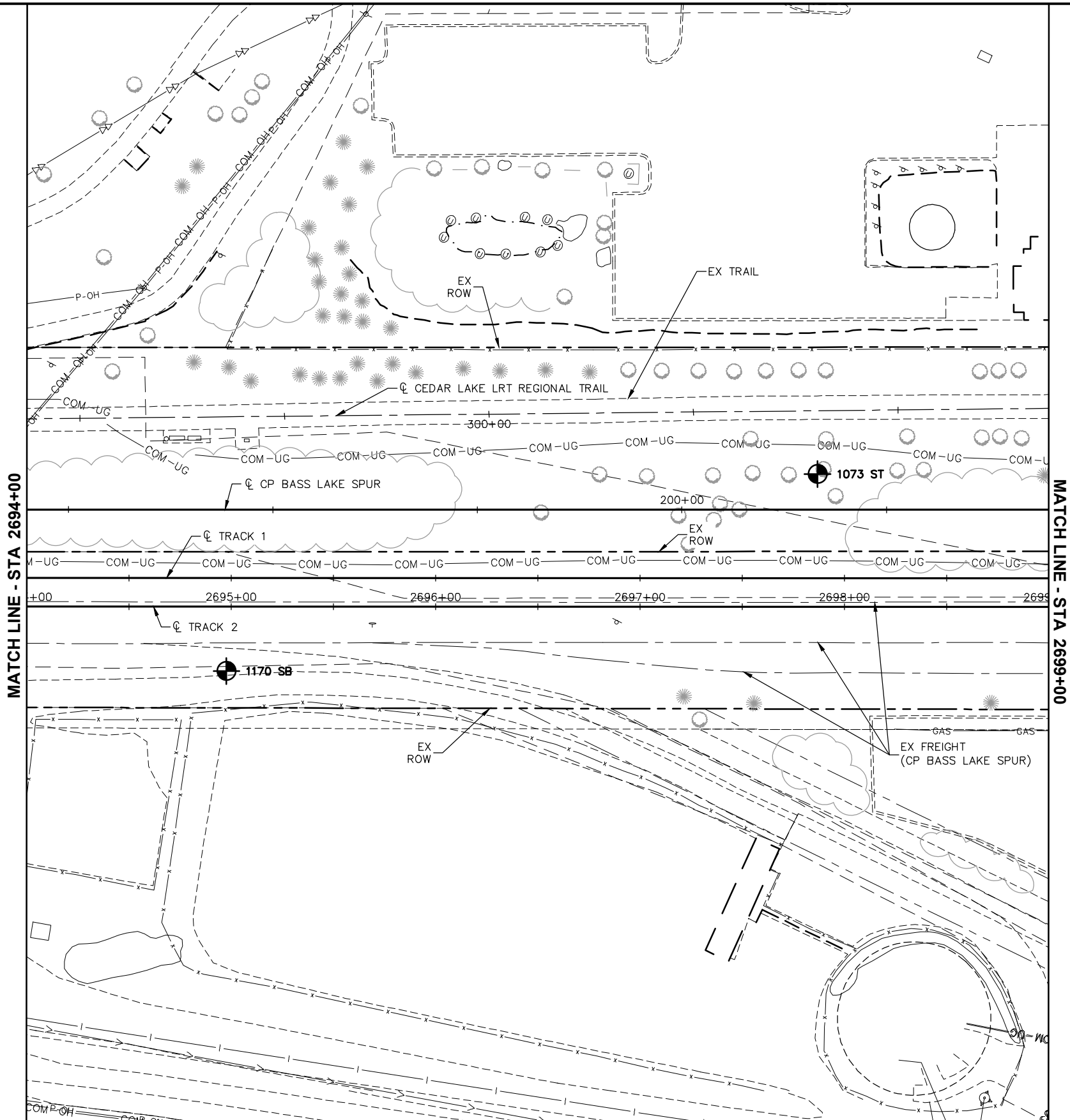
SHEET

45

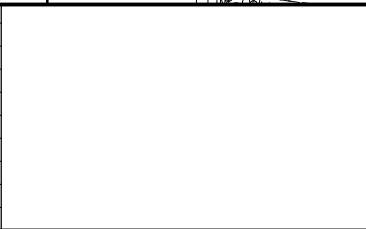
OF

123

Sep. 16 2015 03:57 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2694+00 TO STA 2699+00

DISCIPLINE: SURVEY
SHEET NAME: E2-SUR-PLN - 016

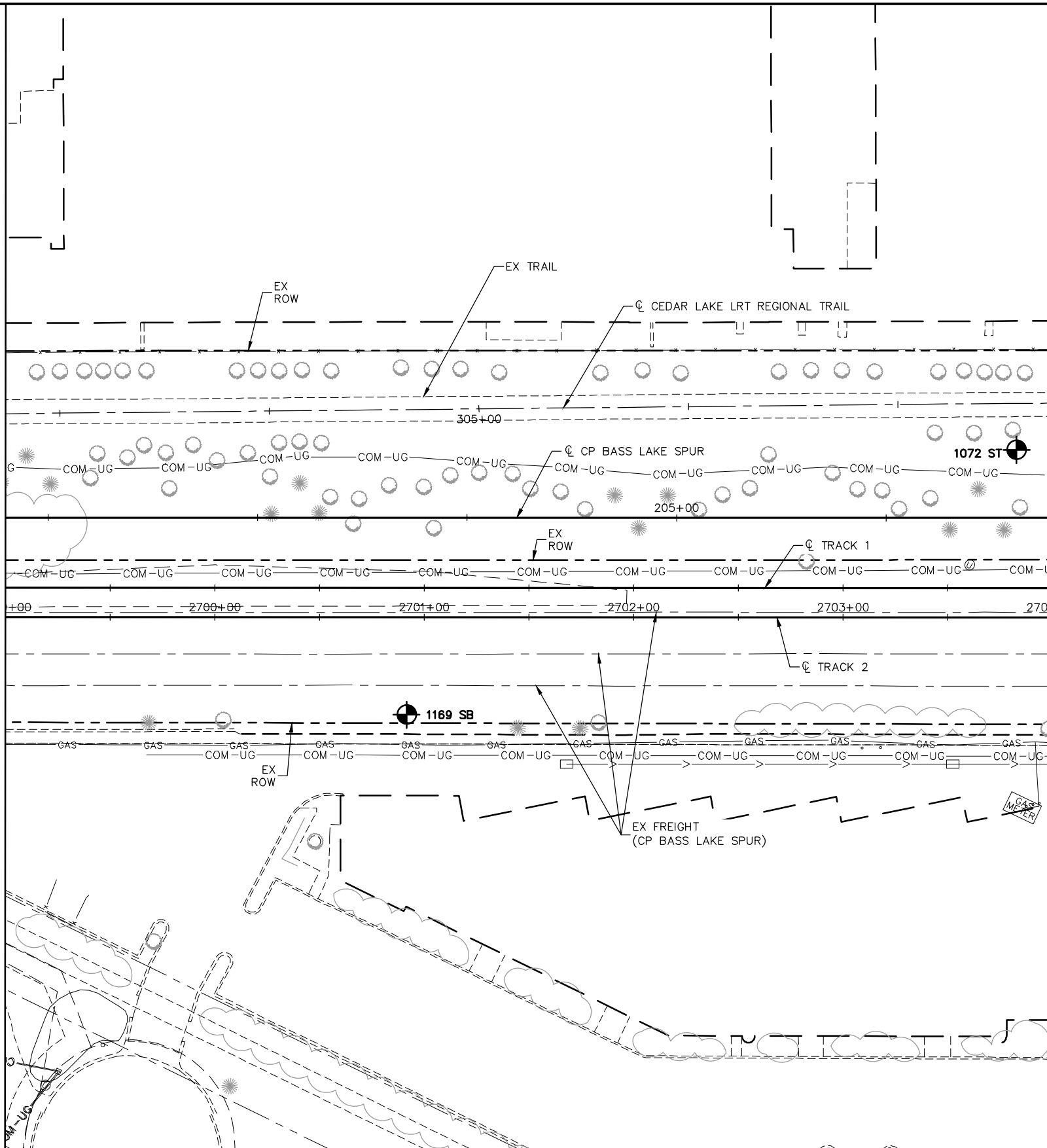
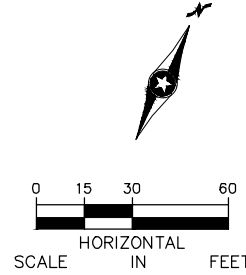
SHEET
46
OF
123

DRAFT-WORK IN PROCESS

Sep. 16 2015 03:57 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573

MATCH LINE - STA 2699+00

MATCH LINE - STA 2704+00



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 2699+00 TO STA 2704+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 017

60% SUBMISSION - 09/28/15

SHEET

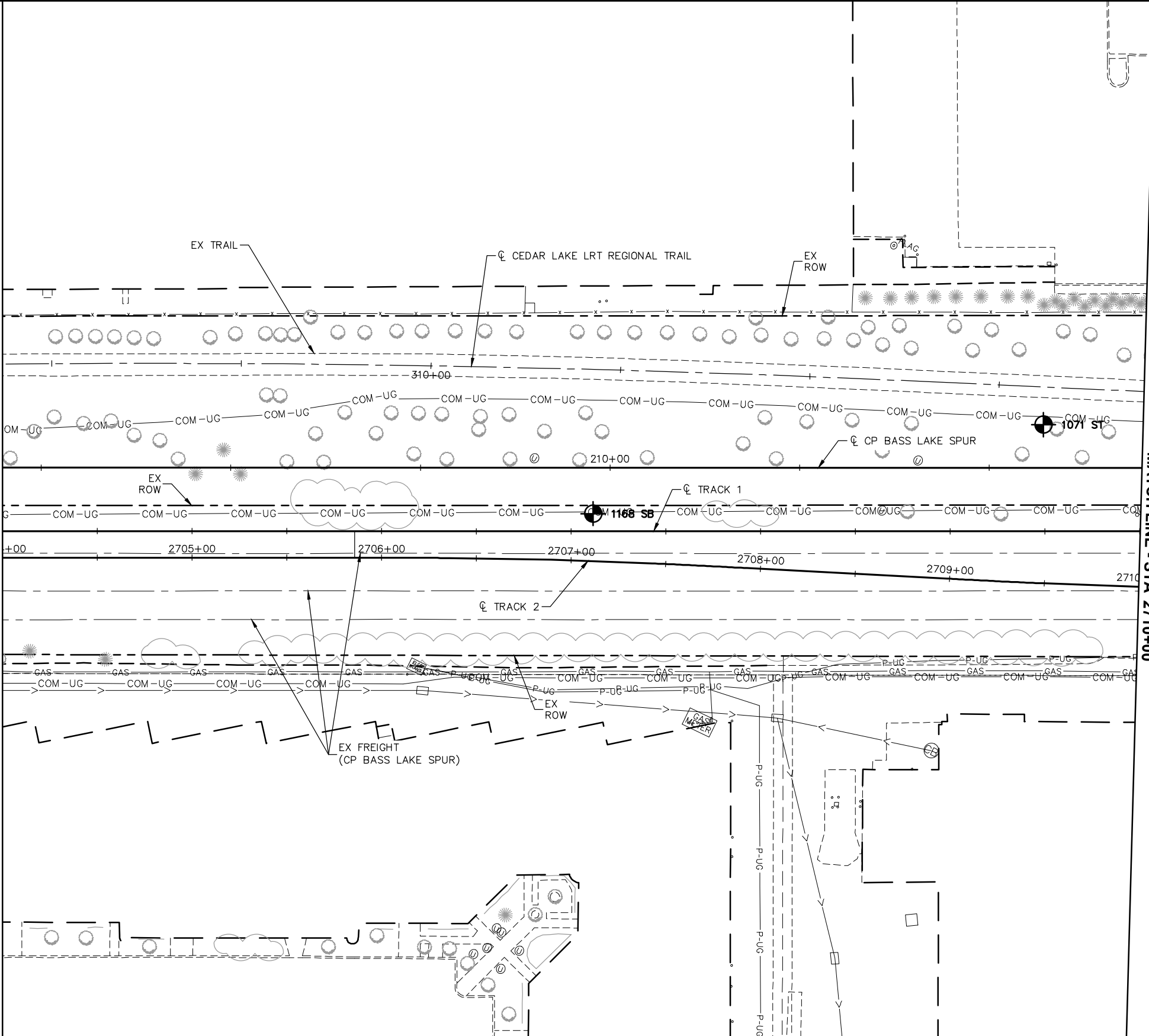
47

OF

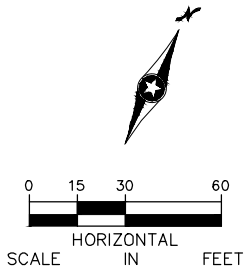
123

Sep. 16 2015 03:58 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573

MATCH LINE - STA 2704+00



MATCH LINE - STA 2710+00



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

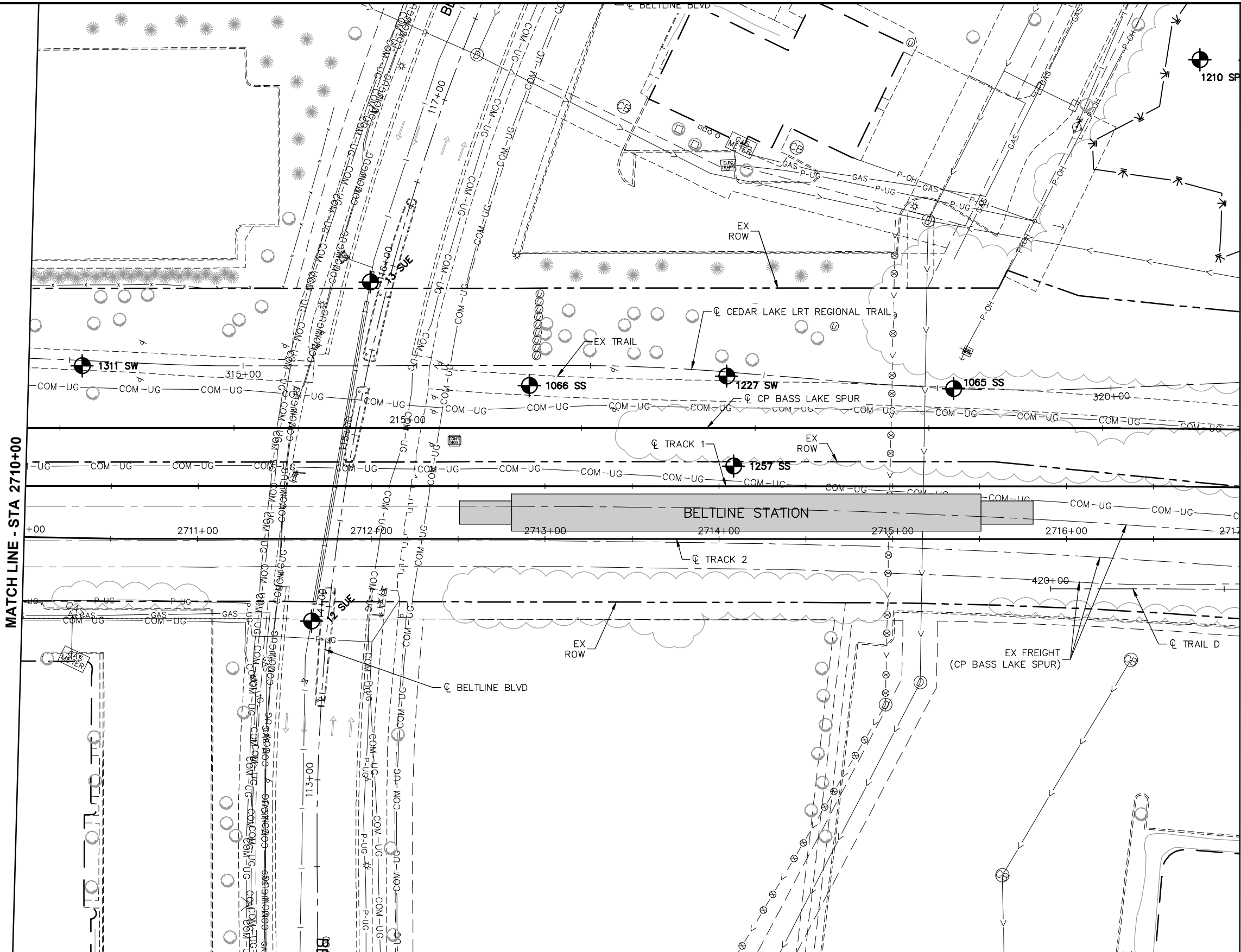
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2704+00 TO STA 2710+00

DISCIPLINE: SURVEY

SHEET NAME: E2-SUR-PLN - 018

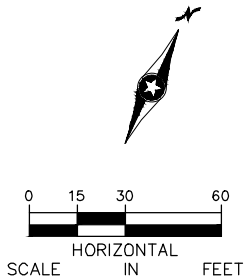
SHEET
48
OF
123

Sep. 16 2015 03:58 pm V:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



MATCH LINE - STA 2717+00

DRAFT-WORK IN PROCESS



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2710+00 TO STA 2717+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 019

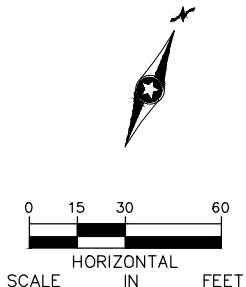
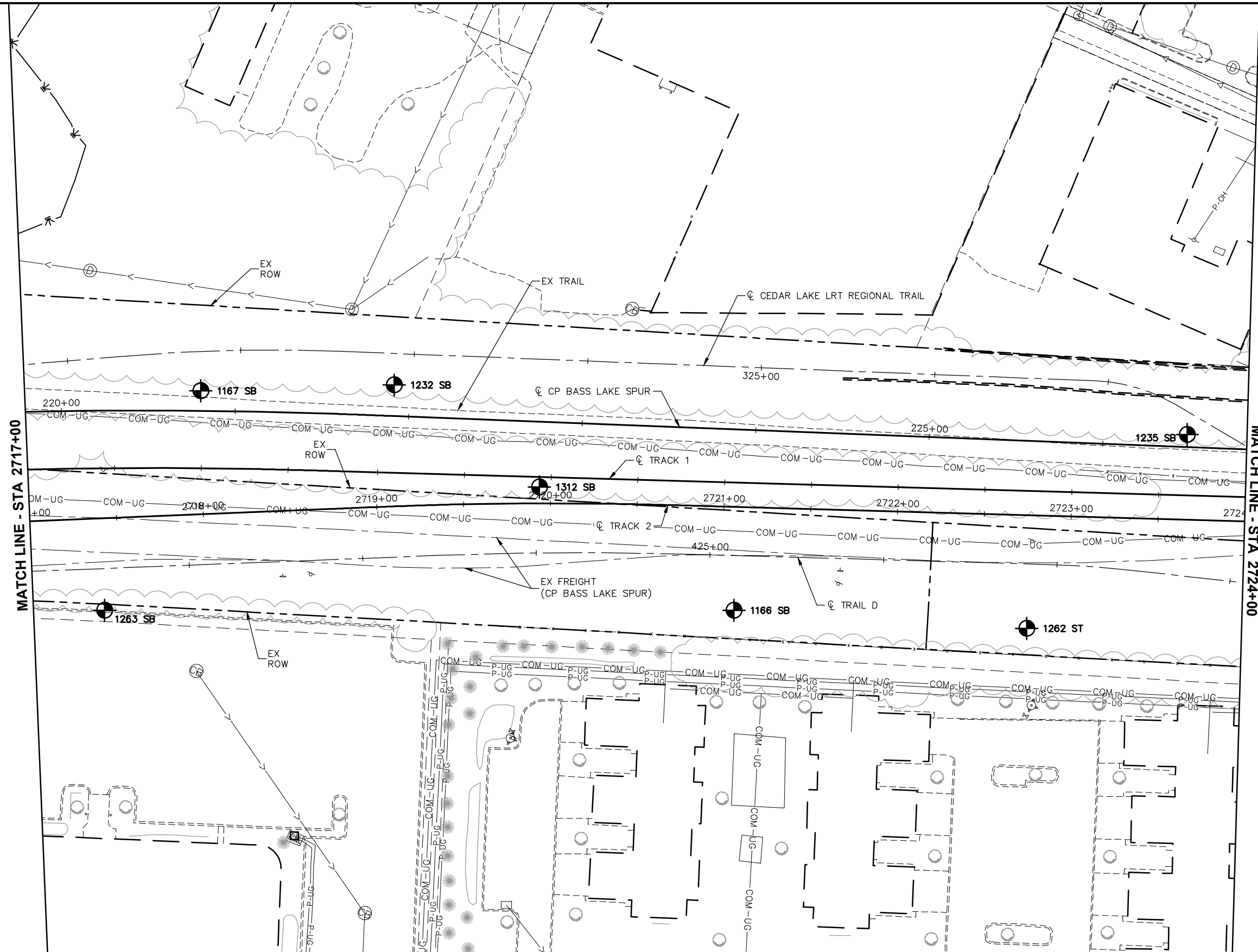
SHEET

49

OF

123

Sep. 16 2015 03:59 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

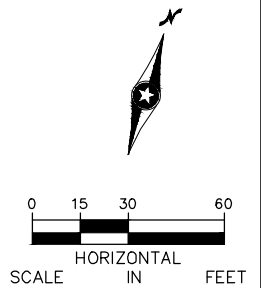


60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2717+00 TO STA 2724+00

DISCIPLINE: SURVEY
SHEET NAME: E2-SUR-PLN - 020

SHEET
50
OF
123



DRAFT-WORK IN PROCESS

[illegible]

CIVIL EAST - VOLUME 1

EXISTING CONDITIONS PLAN

STA 2724+00 TO STA 2731+00

DISCIPLINE:

SURVEY

SHEET NAME:

E2-SUR-PLN - 021

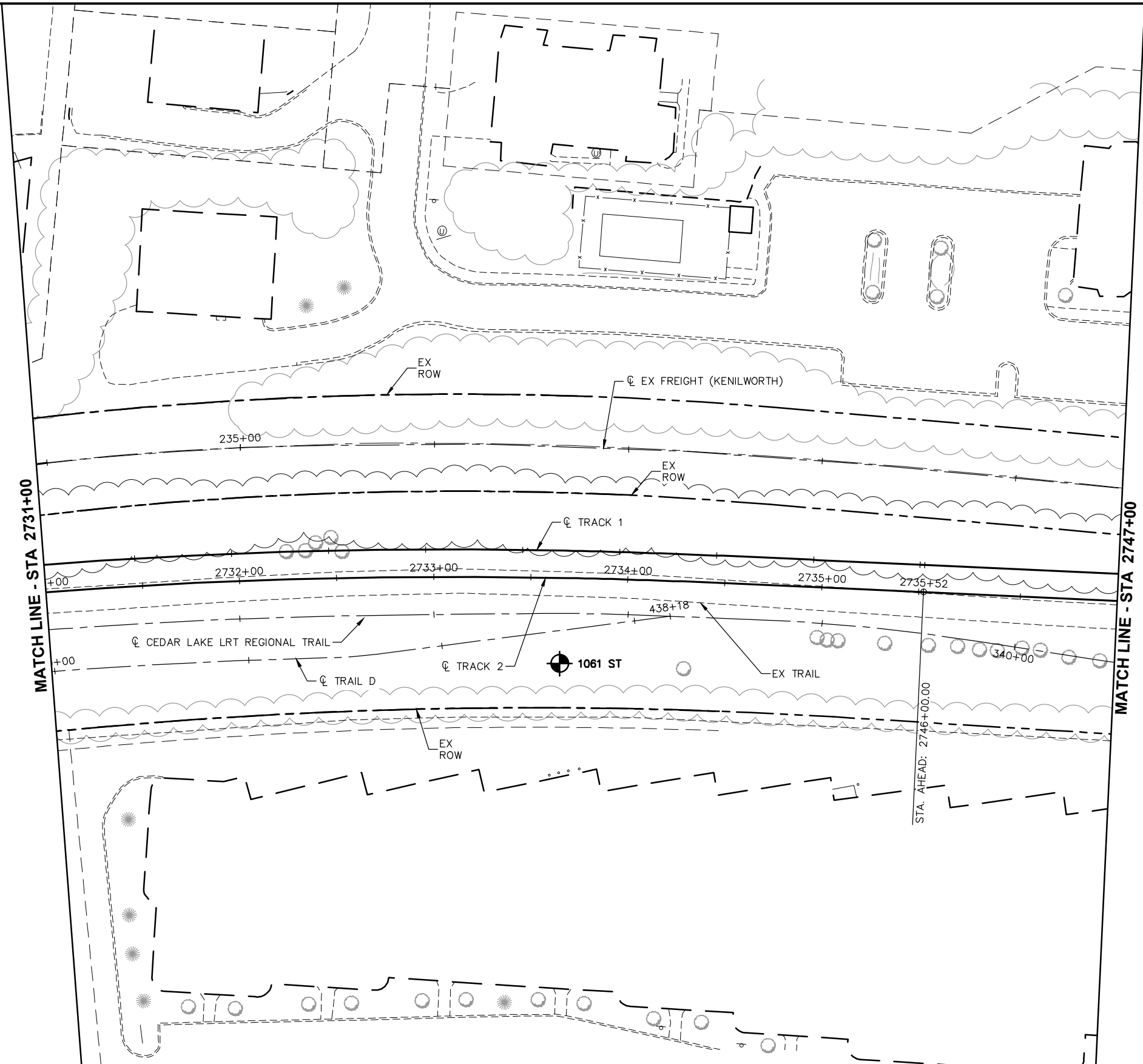
SHEET

51

OF

23

Sep. 16 2015 04:00 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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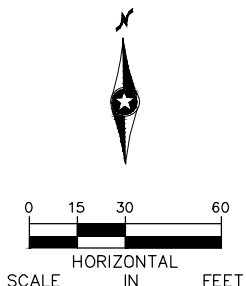
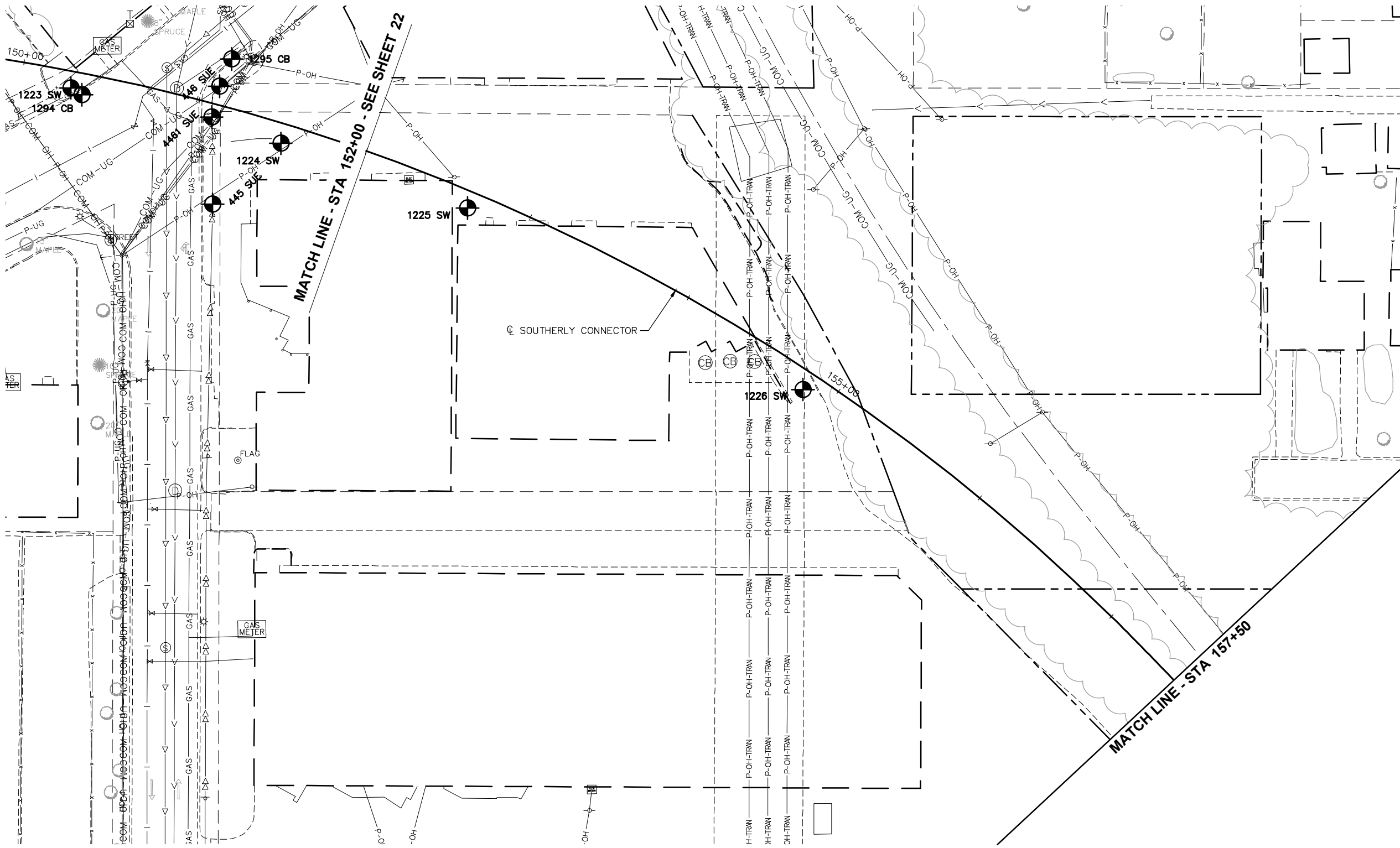
60% SUBMISSION - 09/28/15

DISCIPLINE:		SHEET NAME:	
SURVEY		E2-SUR-PLN - 022	

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2731+00 TO STA 2747+00

SHEET
52
OF
123

Sep. 16 2015 04:00 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 152+00 TO STA 157+50

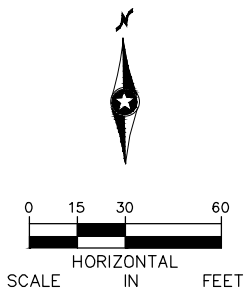
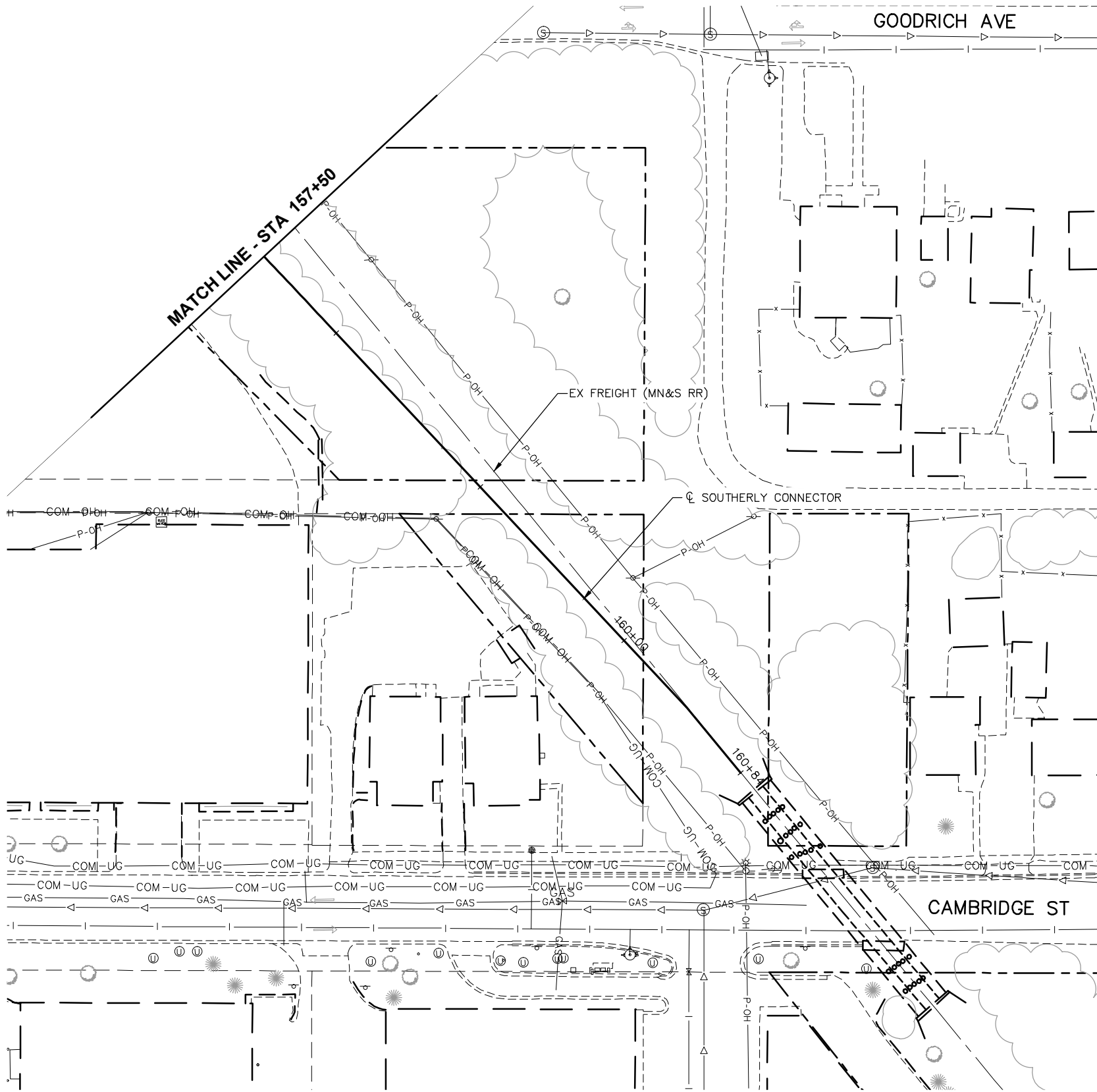
DISCIPLINE:
SURVEY

SHEET NAME:
E2-SUR-PLN - 023

DRAFT-WORK IN PROCESS

SHEET
53
OF
123

Sep. 16 2015 04:01 pm V:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



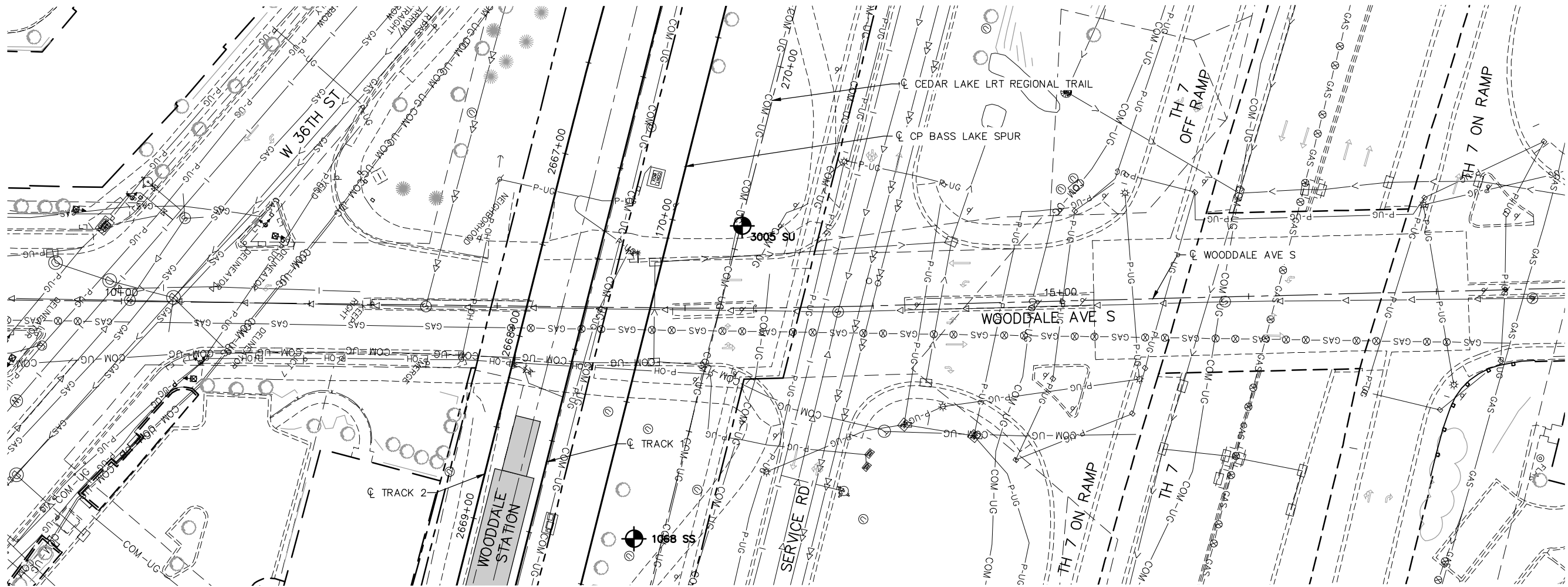
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 157+50 TO STA 160+84

DISCIPLINE: SURVEY

SHEET NAME: E2-SUR-PLN - 024

SHEET
54
OF
123

Sep. 16 2015 04:01 pm V:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



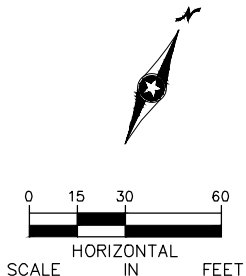
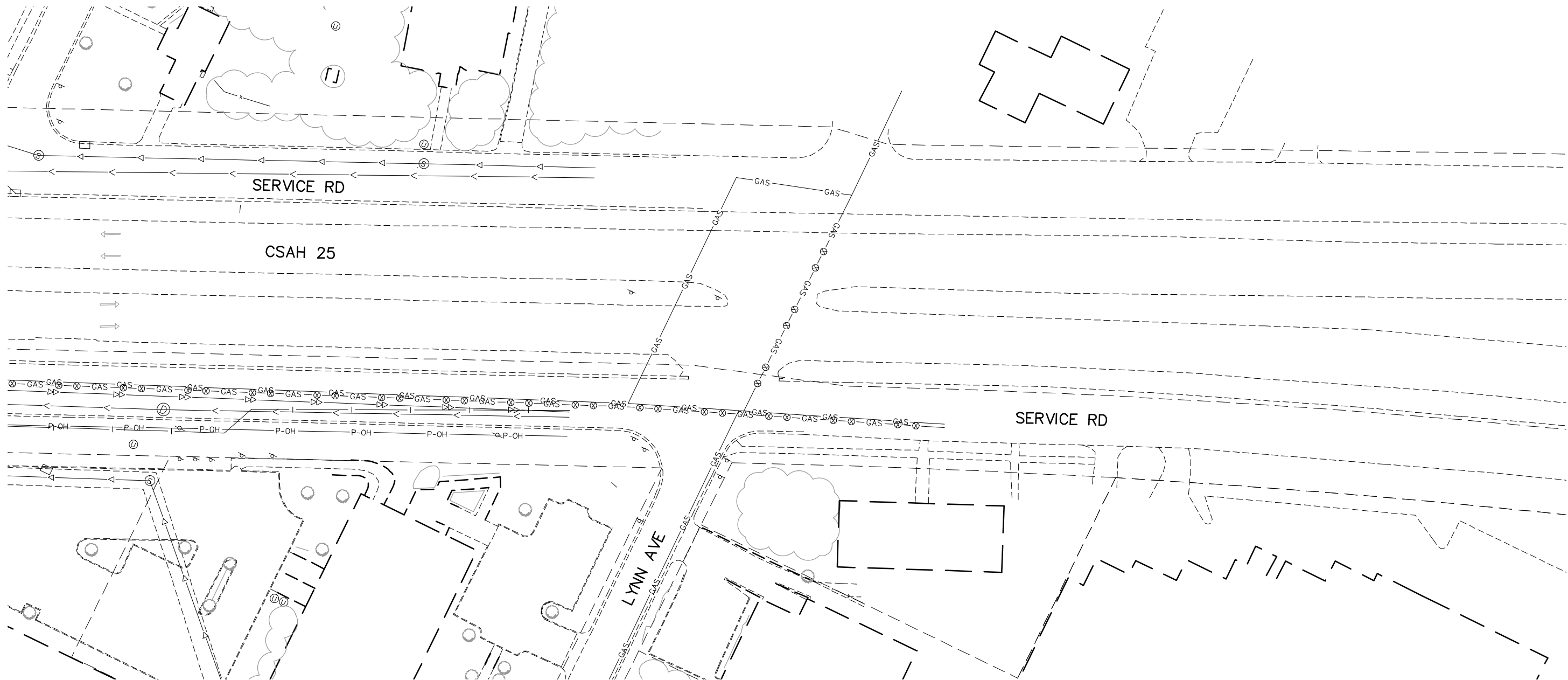
60% SUBMISSION - 09/28/15

DISCIPLINE:		SHEET NAME:	
SURVEY		E2-SUR-PLN - 025	

CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN WOODDALE AVE S	SHEET
	55
	OF
	123

DRAFT-WORK IN PROCESS

Sep. 16 2015 04:02 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



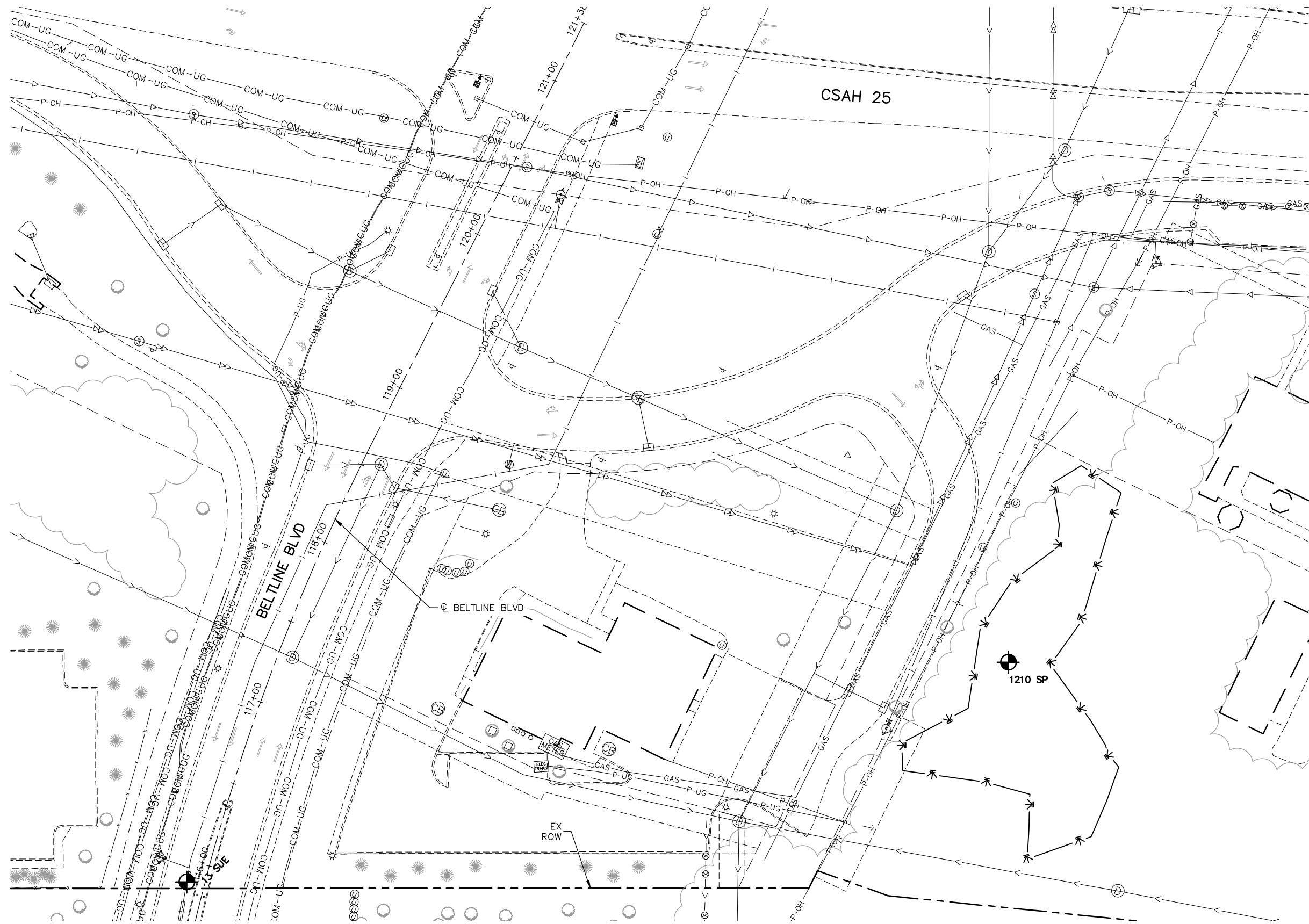
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
SERVICE RD

DISCIPLINE: SURVEY

SHEET NAME: E2-SUR-PLN - 026

SHEET
56
OF
123

Sep. 16 2015 04:02 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

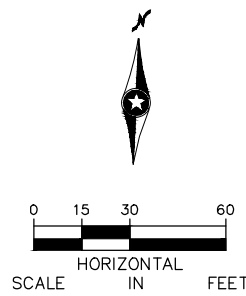
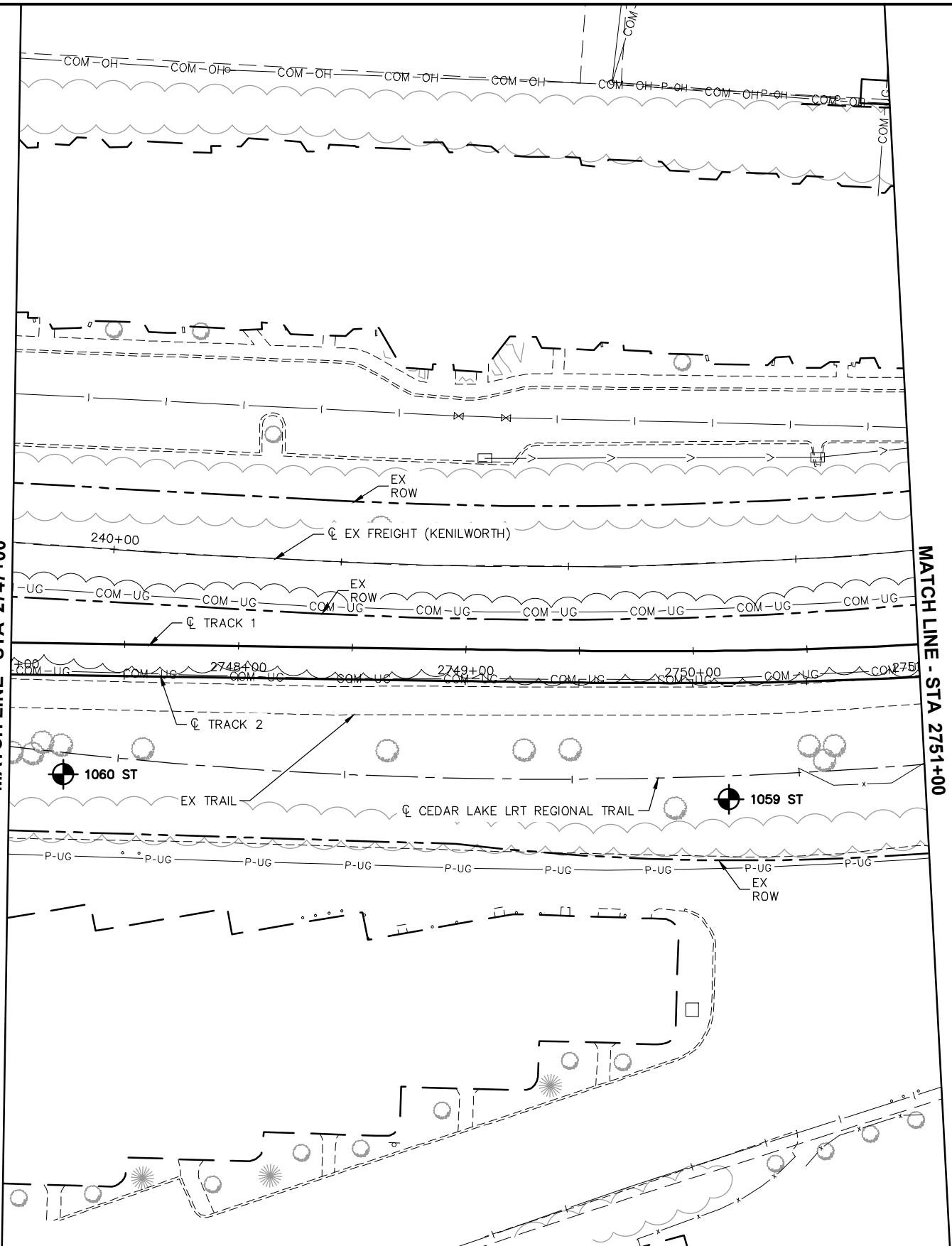




60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN BELTLINE PARK AND RIDE		SHEET
DISCIPLINE: SURVEY		57
SHEET NAME: E2-SUR-PLN - 027		OF
		123

Sep. 16 2015 04:03 pm v:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



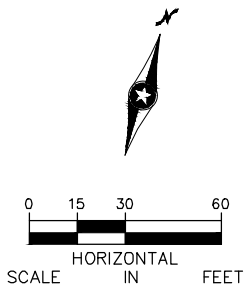
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2747+00 TO STA 2751+00

DISCIPLINE: SURVEY	SHEET NAME: E3-SUR-PLN - 001
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SHEET
58
OF
123

DRAFT-WORK IN PROCESS

Sep. 16 2015 04:04 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2751+00 TO STA 2758+00

DISCIPLINE:

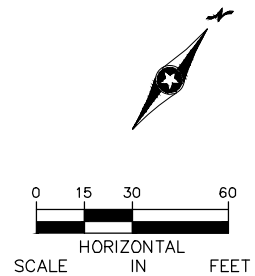
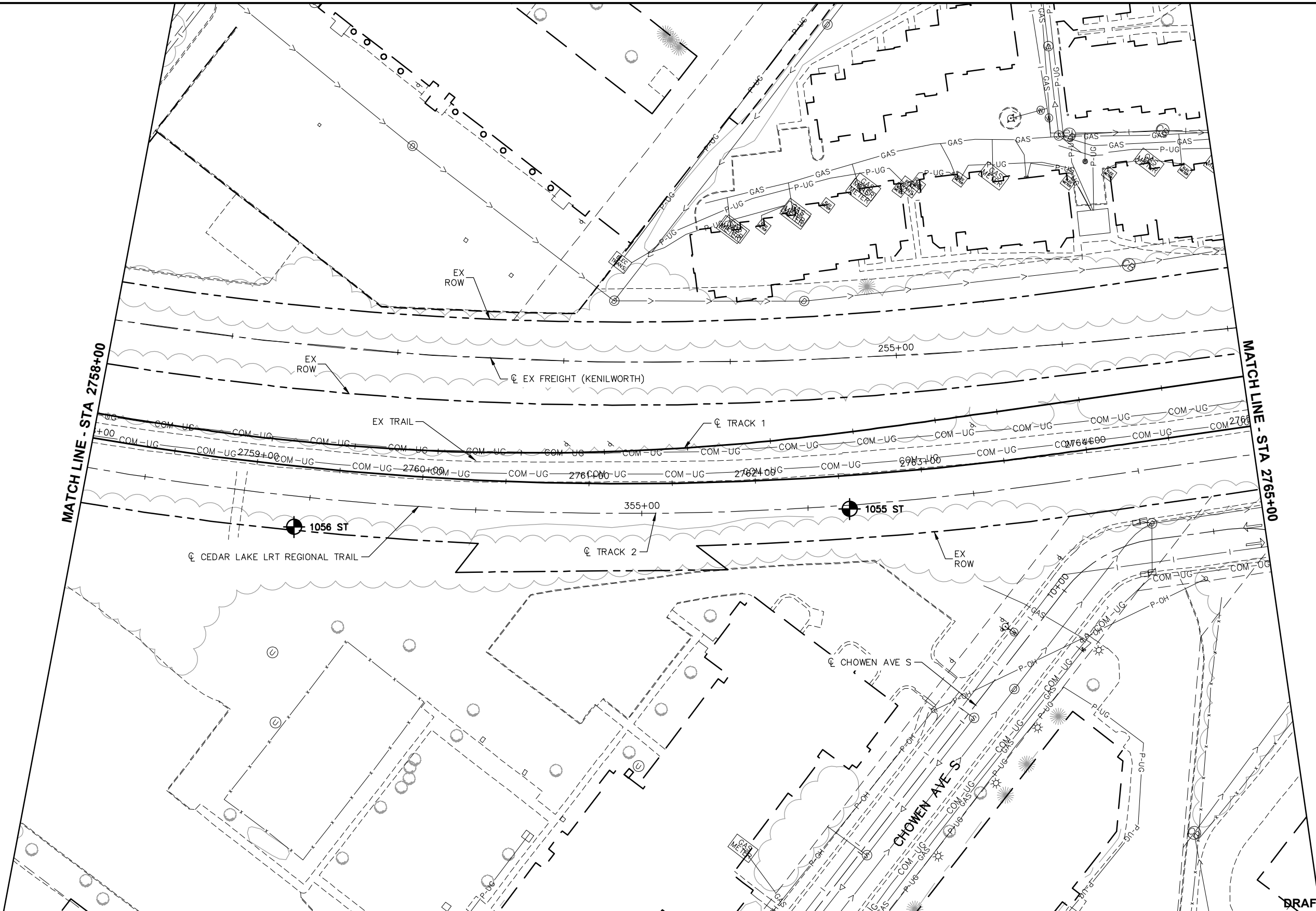
SURVEY

SHEET NAME:

E3-SUR-PLN - 002

SHEET
59
OF
123

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DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



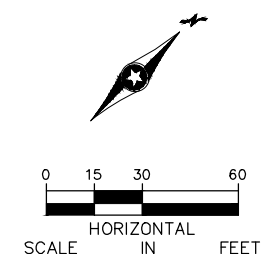
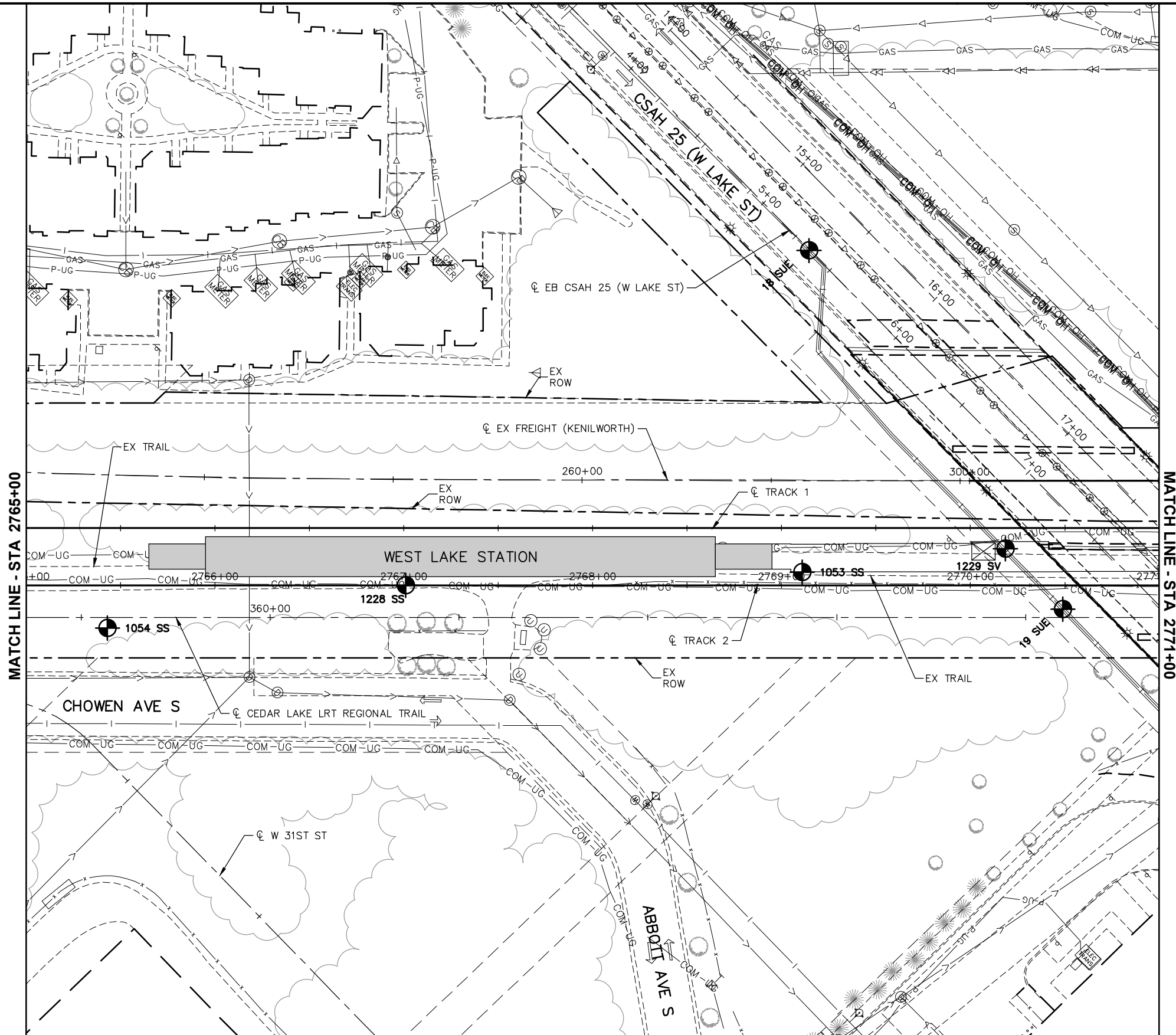
60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2758+00 TO STA 2765+00

DISCIPLINE:	SURVEY	SHEET NAME:	E3-SUR-PLN - 003
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SHEET
60
OF
123

Sep. 16 2015 04:04 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





Engineering | Surveying | Planning | Construction



METROPOLITAN COUNCIL

60% SUBMISSION - 09/28/15



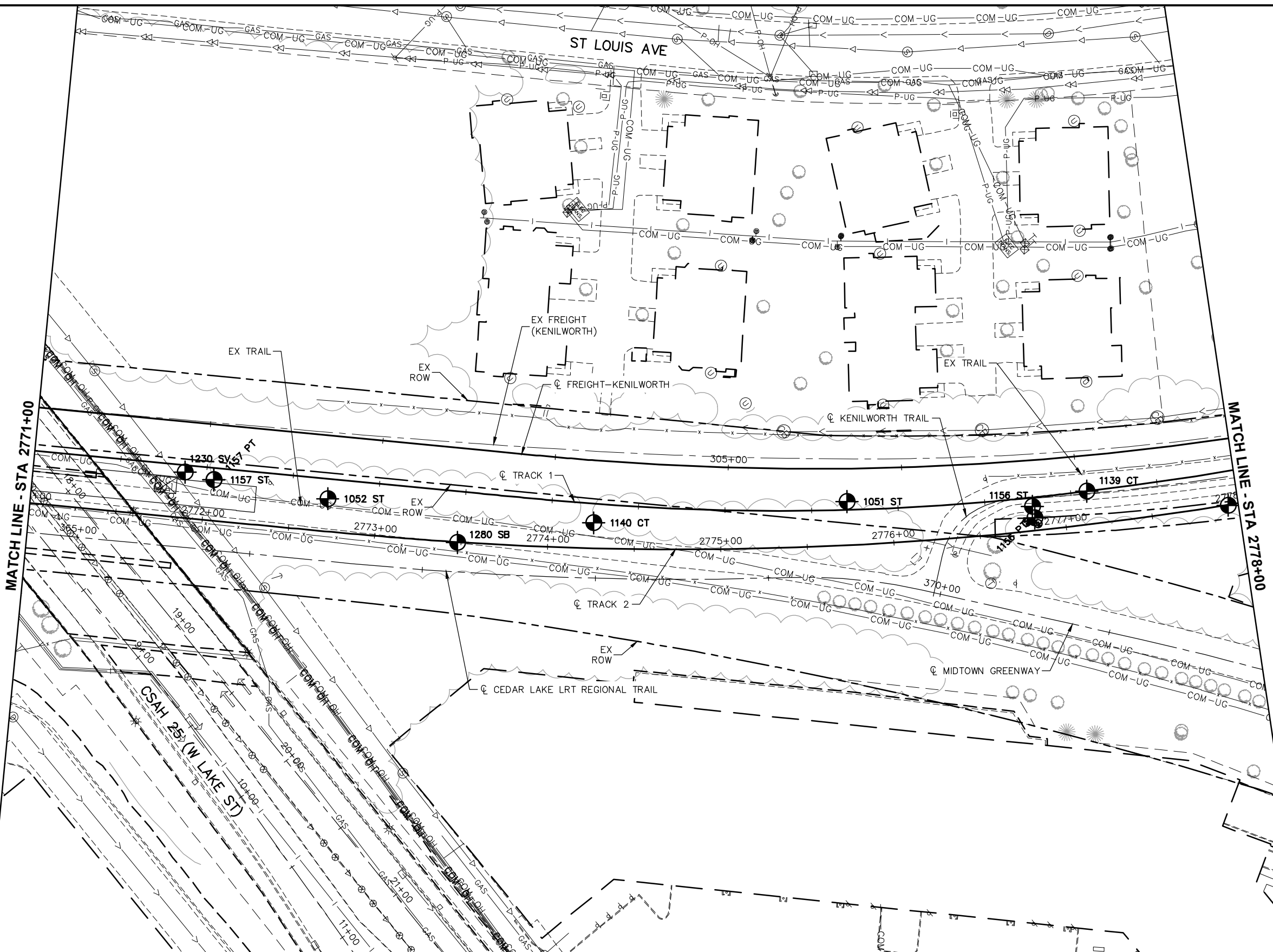
SOUTHWEST Green Line LRT Extension

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2765+00 TO STA 2771+00

DISCIPLINE: SURVEY

SHEET NAME: E3-SUR-PLN - 004

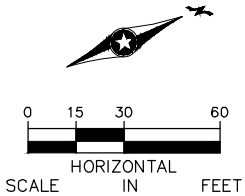
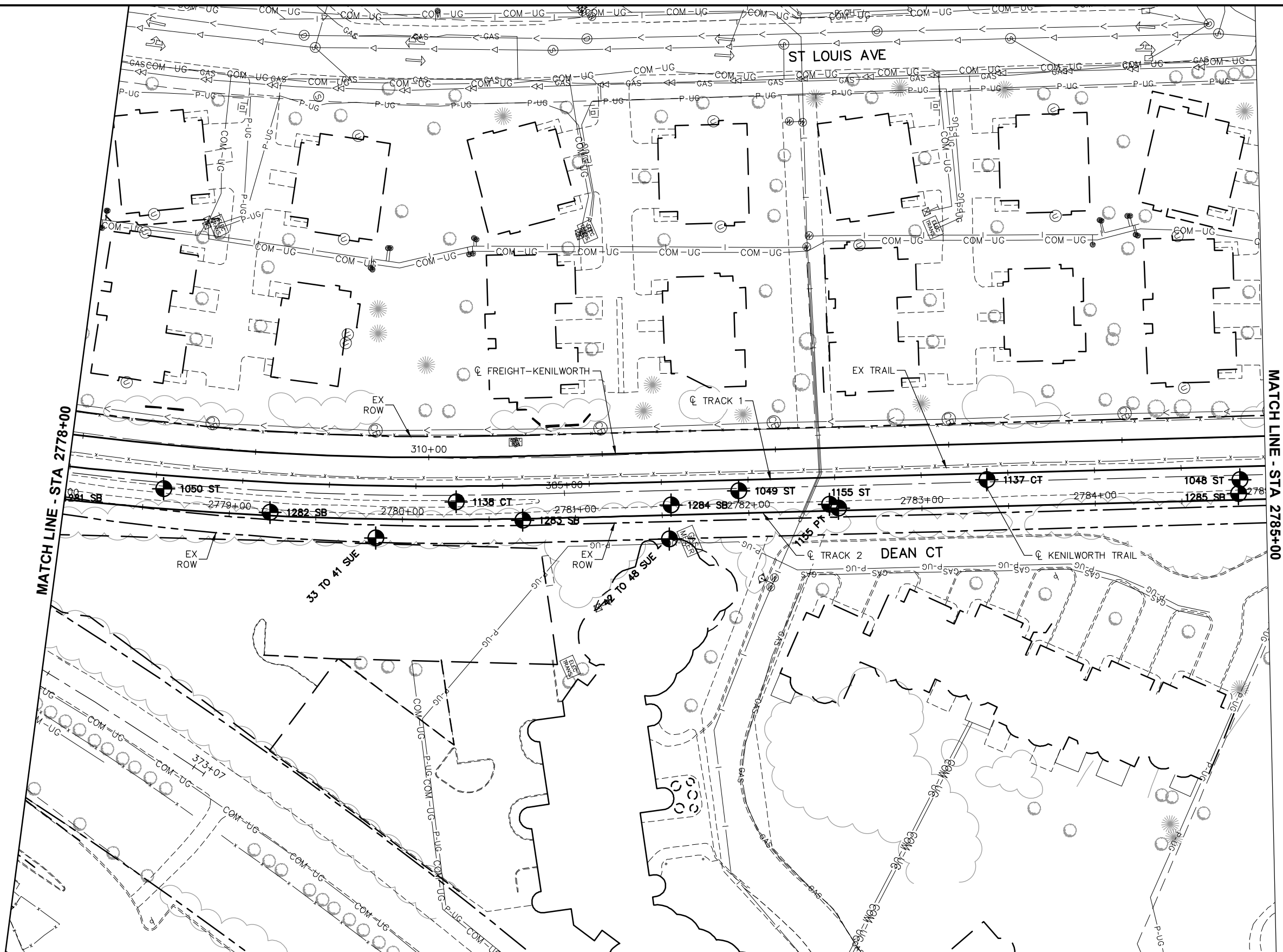
SHEET
61
OF
123

[illegible]

SHEET NAME:	E3-SUR-PLN - 005
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SHEET
62
OF
123

Sep. 16 2015 04:05 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2778+00 TO STA 2785+00

DISCIPLINE:

SURVEY

SHEET NAME:

E3-SUR-PLN - 006

SHEET

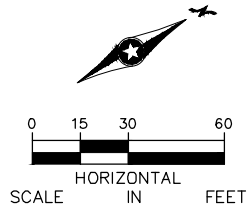
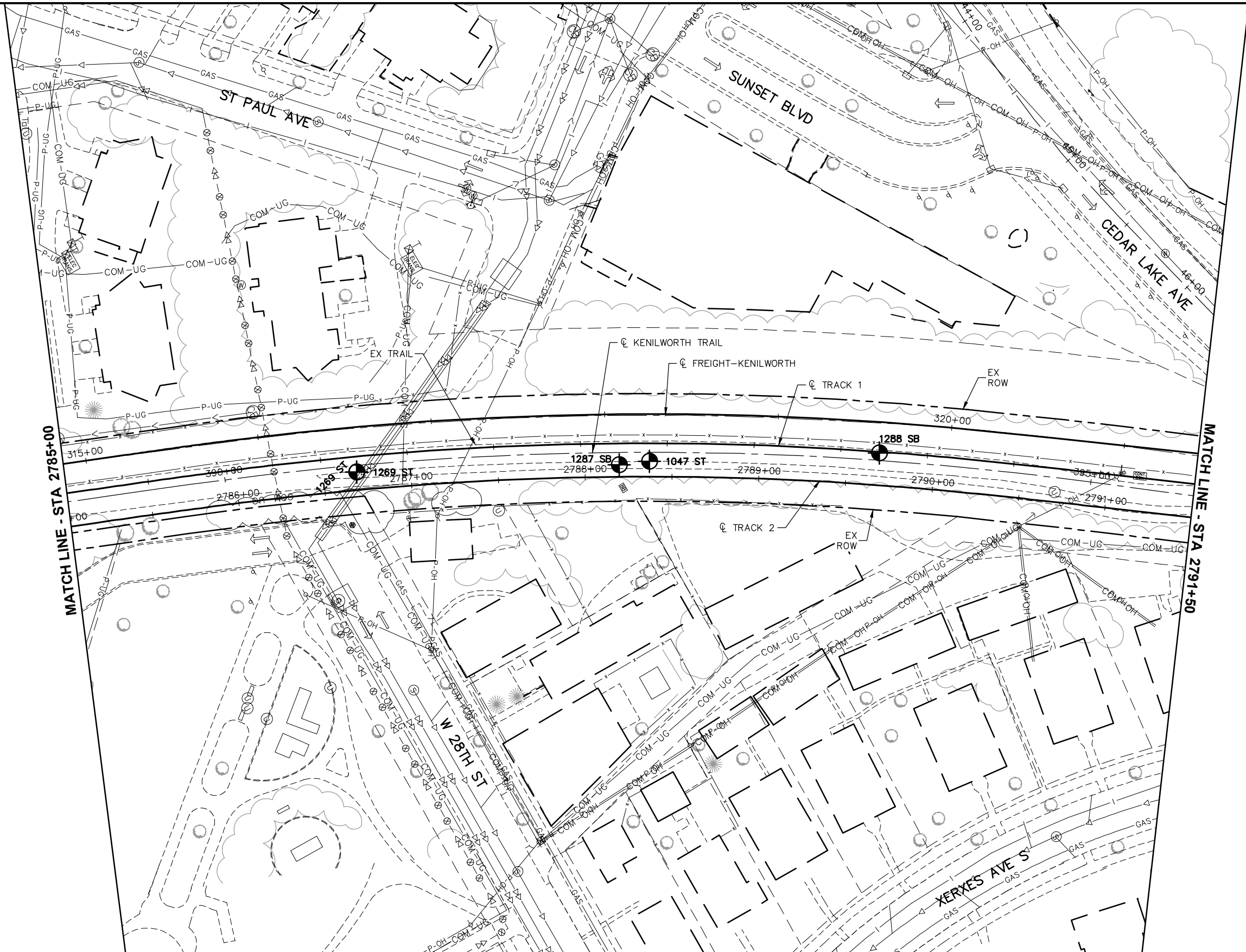
63

OF

123

60% SUBMISSION - 09/28/15

Sep. 16 2015 04:05 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2785+00 TO STA 2791+50

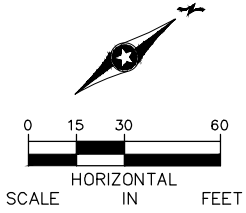
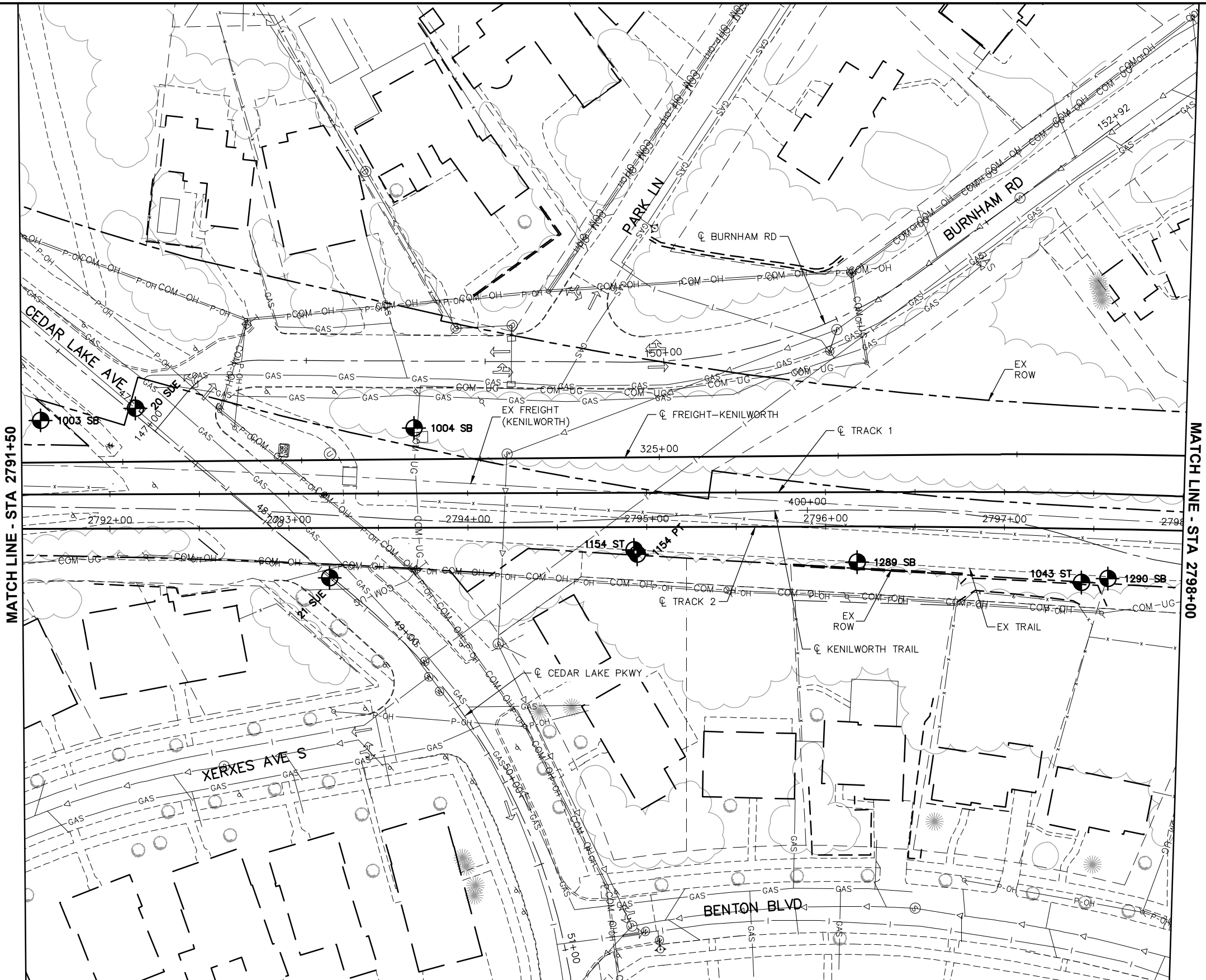
DISCIPLINE:
SURVEY

SHEET NAME:
E3-SUR-PLN - 007

DRAFT-WORK IN PROCESS

SHEET
64
OF
123

Sep. 16 2015 04:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

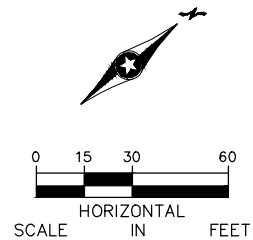
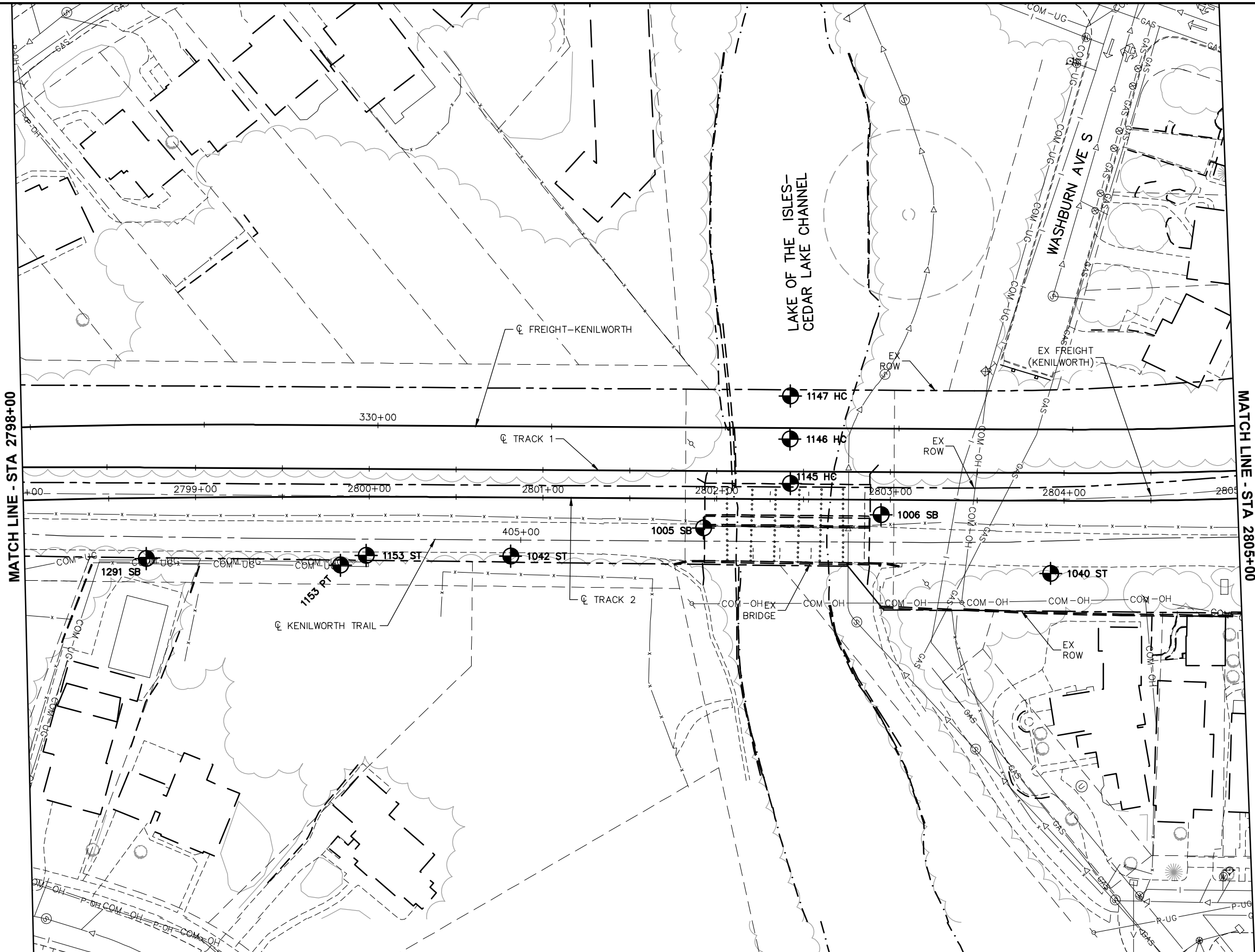
STA 2791+50 TO STA 2798+00

DISCIPLINE: SURVEY

SHEET NAME: E3-SUR-PLN - 008

SHEET 65 OF 123

Sep. 16 2015 04:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



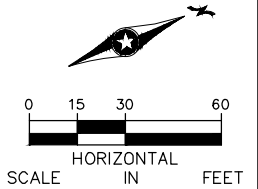
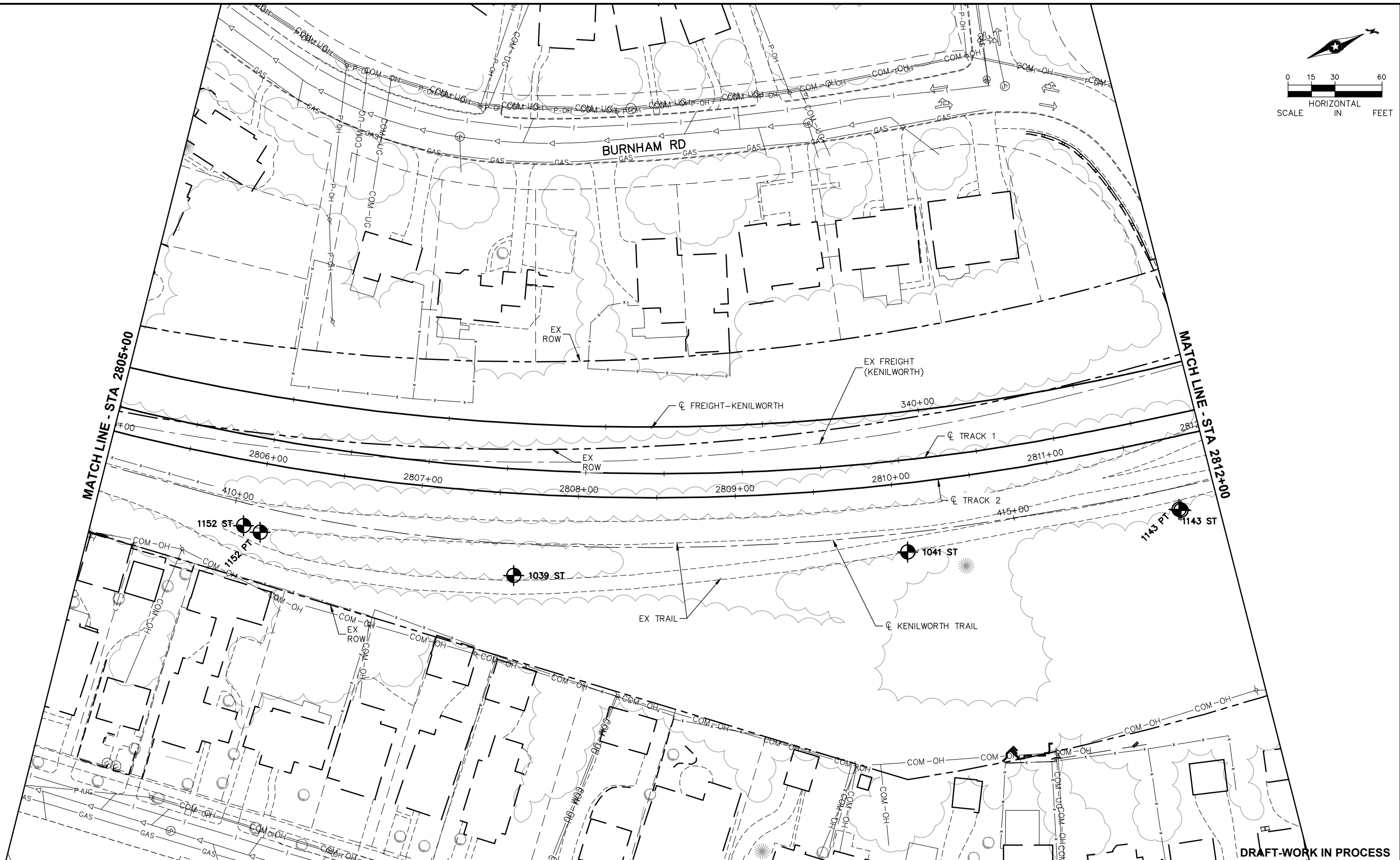
60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2798+00 TO STA 2805+00

DISCIPLINE:	SHEET NAME:
SURVEY	E3-SUR-PLN - 009

SHEET
66
OF
123

Sep. 16 2015 04:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



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Engineering | Surveying | Planning | Environment

METROPOLITAN
C O U N C I L

SOUTHWEST
Green Line LRT Extension



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2805+00 TO STA 2812+00

DISCIPLINE:

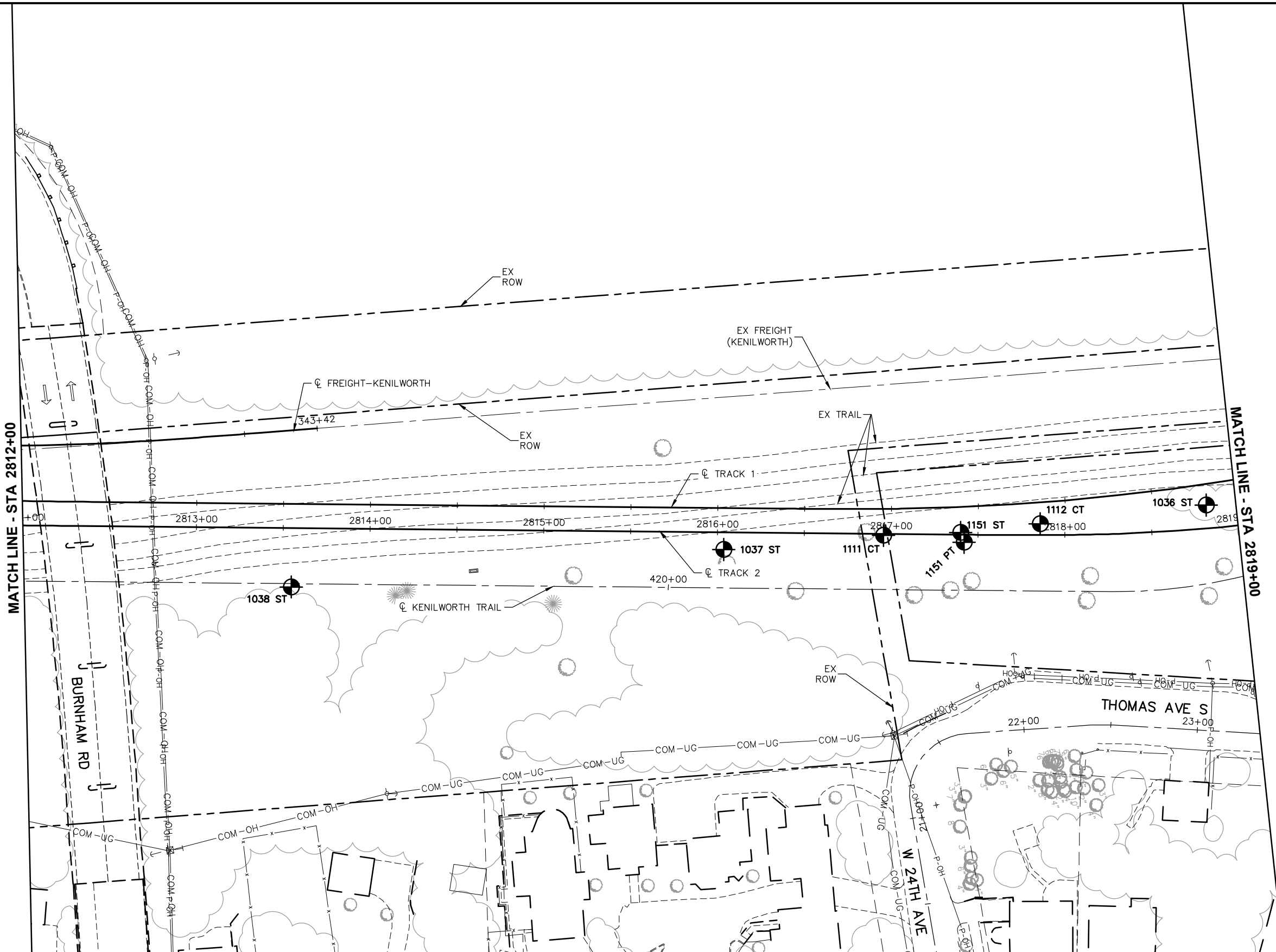
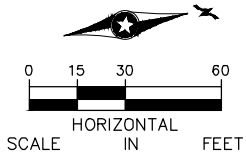
SURVEY

SHEET NAME:

E3-SUR-PLN - 010

SHEET
67
OF
123

Sep. 16 2015 04:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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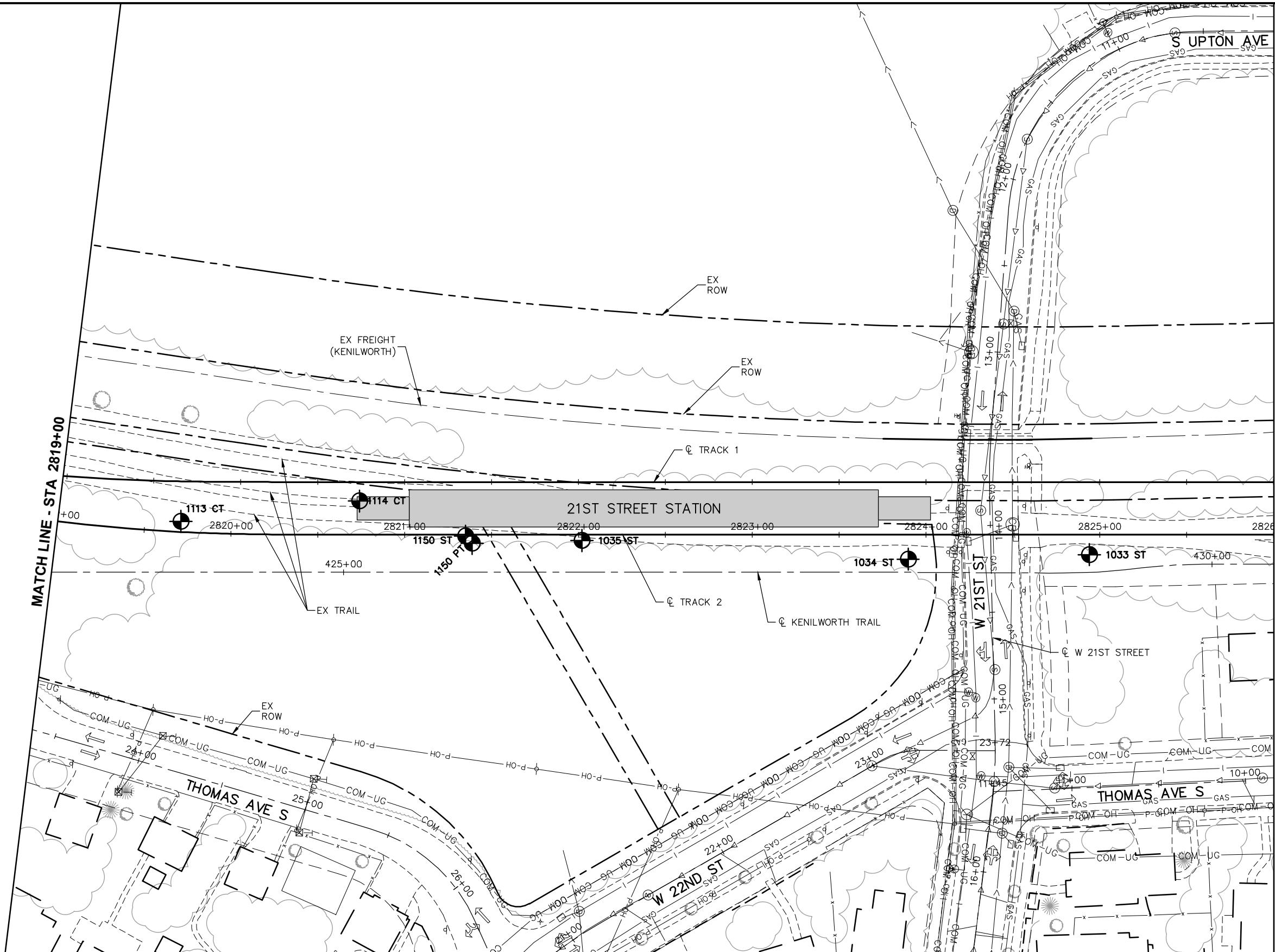
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2812+00 TO STA 2819+00

DISCIPLINE: SURVEY

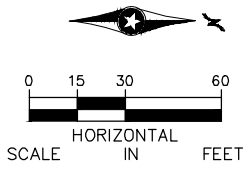
SHEET NAME: E3-SUR-PLN - 011

SHEET
68
OF
123

Sep. 16 2015 04:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



MATCH LINE - STA 2826+00



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA 2819+00 TO STA 2826+00		SHEET 69 OF 123
DISCIPLINE: SURVEY	SHEET NAME: E3-SUR-PLN - 012	

[illegible]

METROPOLITAN
COUNCIL

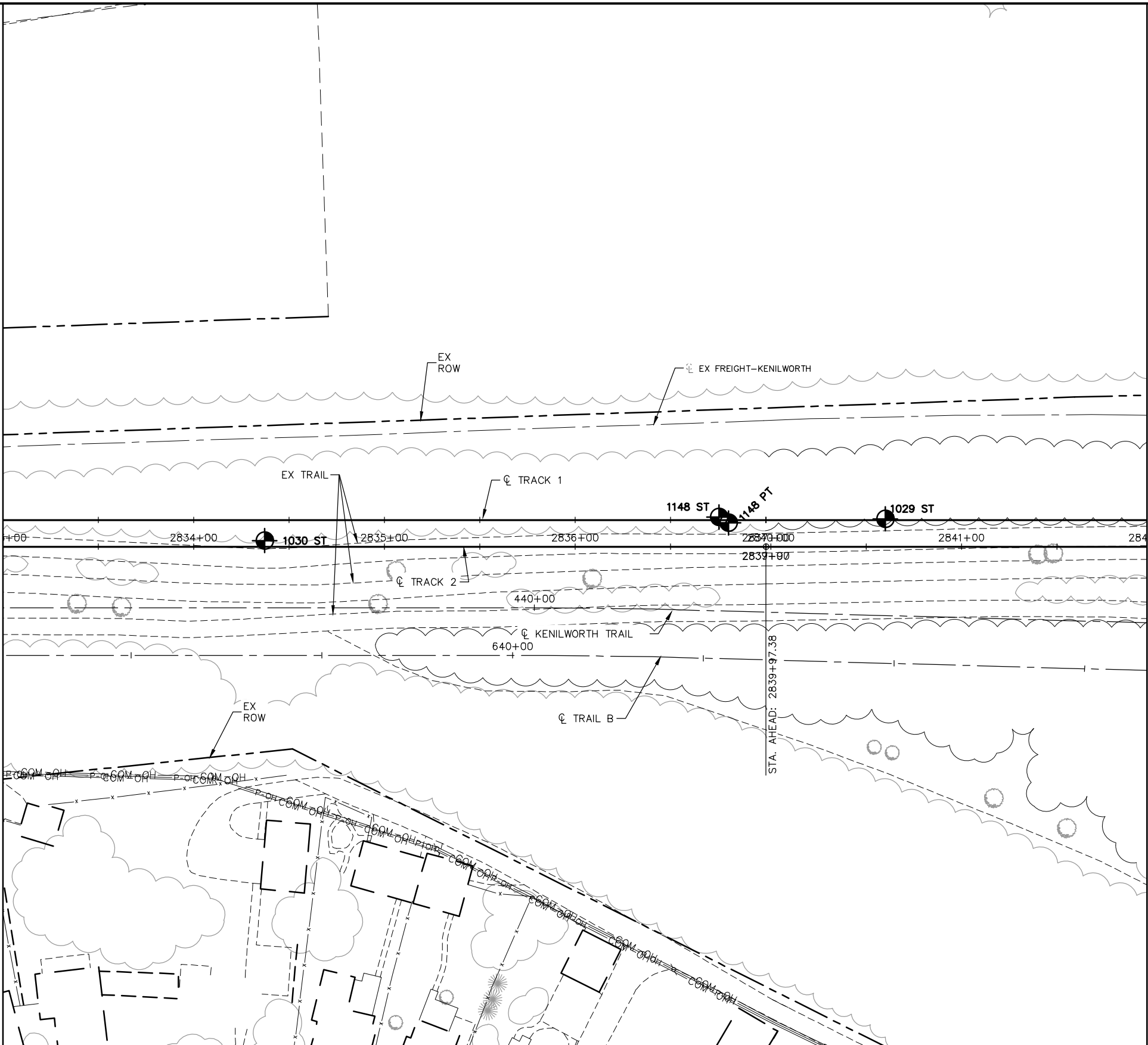


DISCIPLINE: **SURVEY**

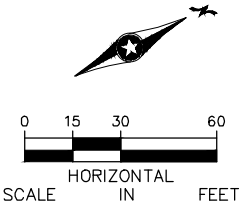
SHEET NAME:	E3-SUR-PLN - 013
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Sep. 16 2015 04:08 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573

MATCH LINE - STA 2833+00



MATCH LINE - STA 2842+00



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2833+00 TO STA 2842+00

DISCIPLINE:

SURVEY

SHEET NAME:

E3-SUR-PLN - 014

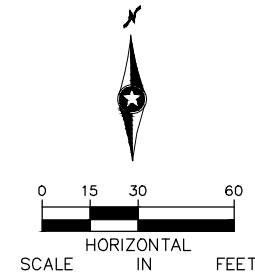
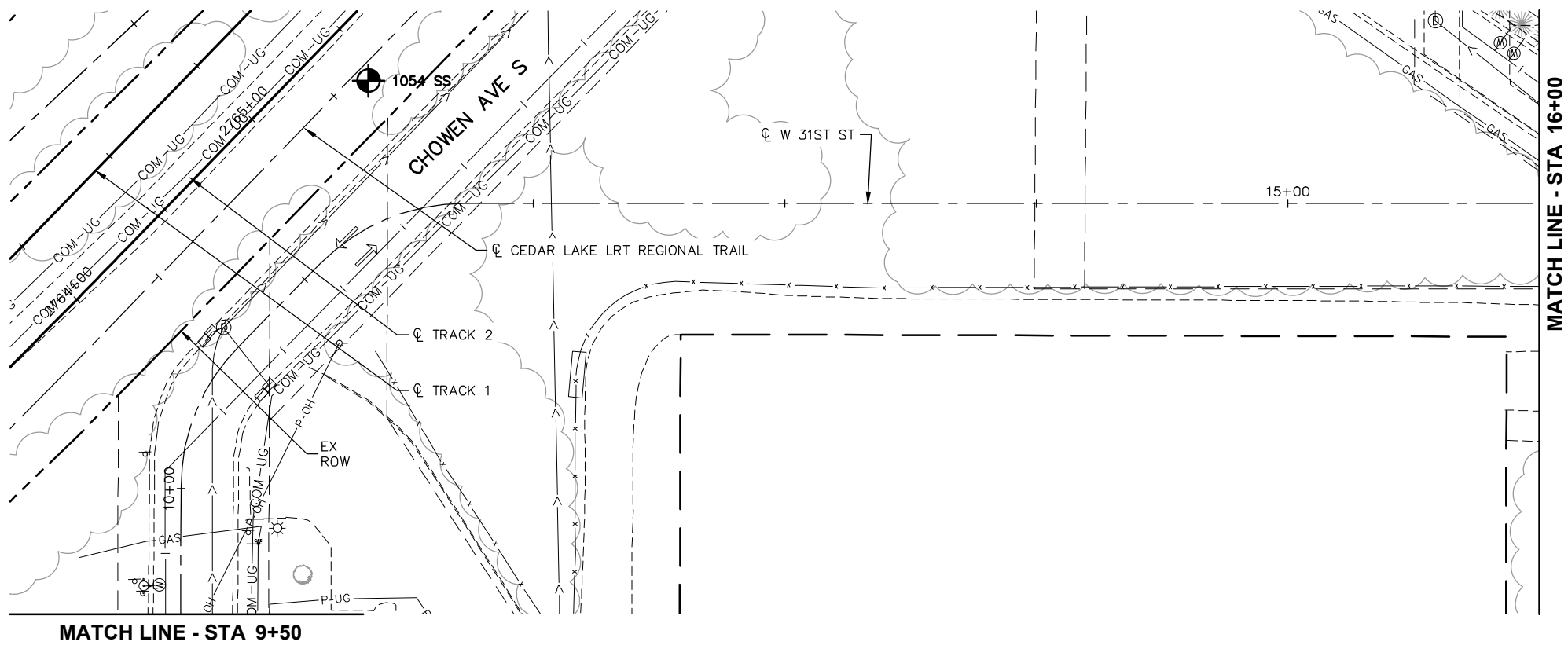
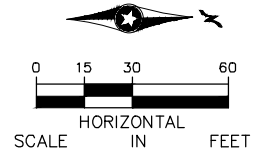
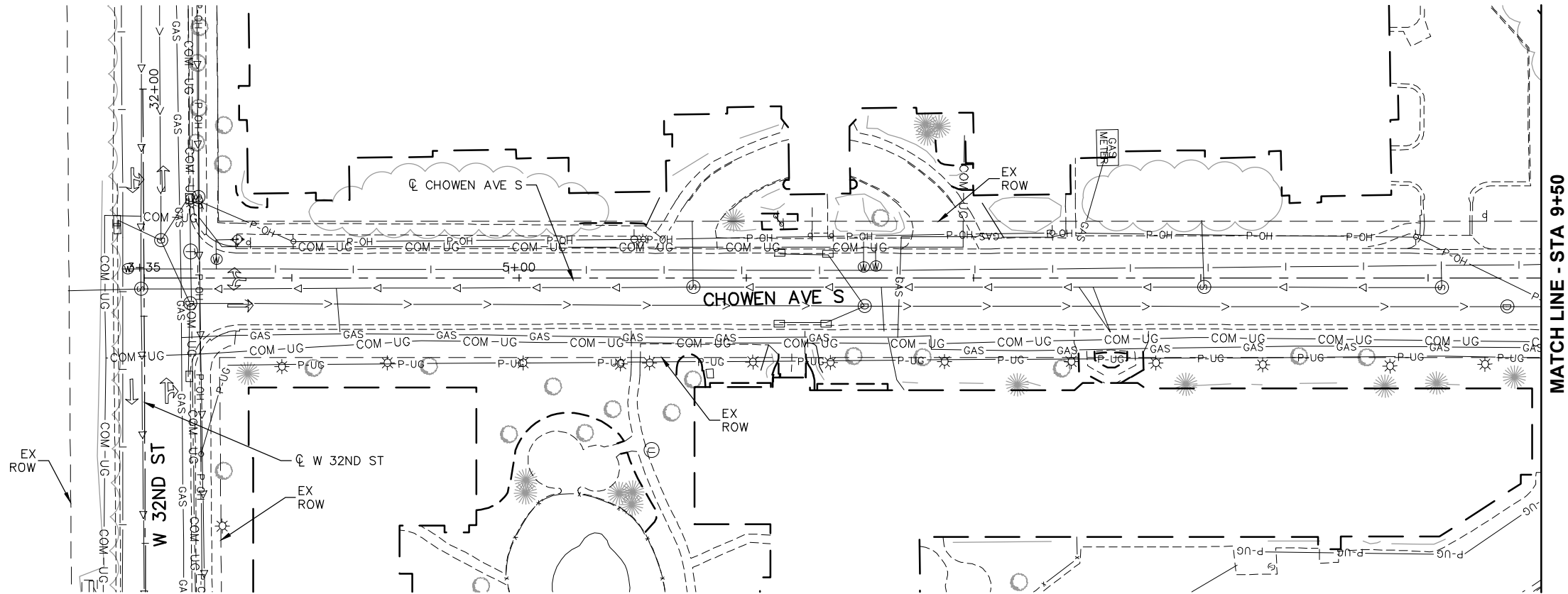
SHEET

71

OF

123

Sep. 16 2015 04:08 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 3+35 TO STA 16+00

DISCIPLINE:

SURVEY

SHEET NAME:

E3-SUR-PLN - 015

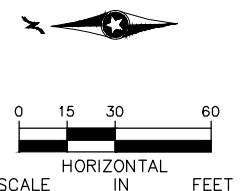
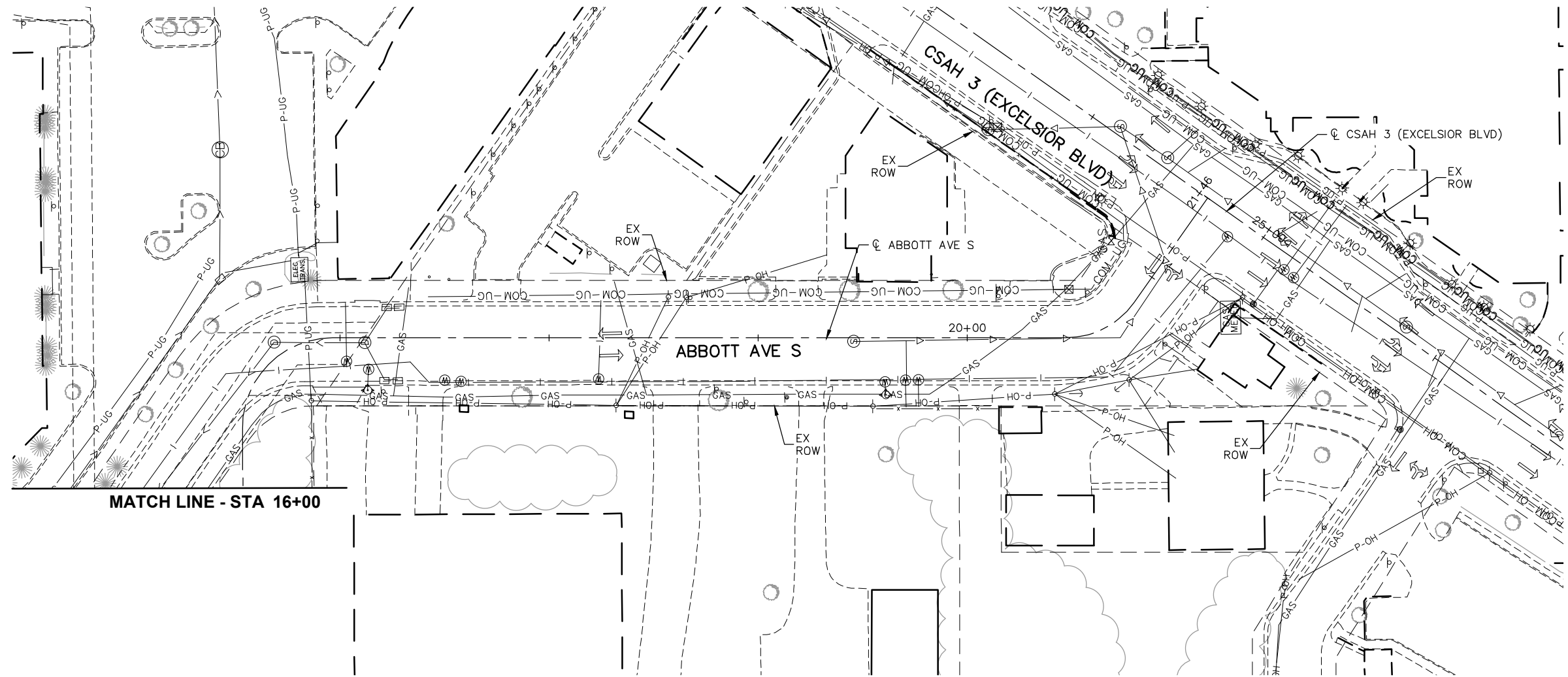
SHEET

72

OF

123

Sep. 16 2015 04:08 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 16+00 TO STA 21+46

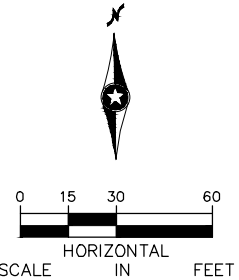
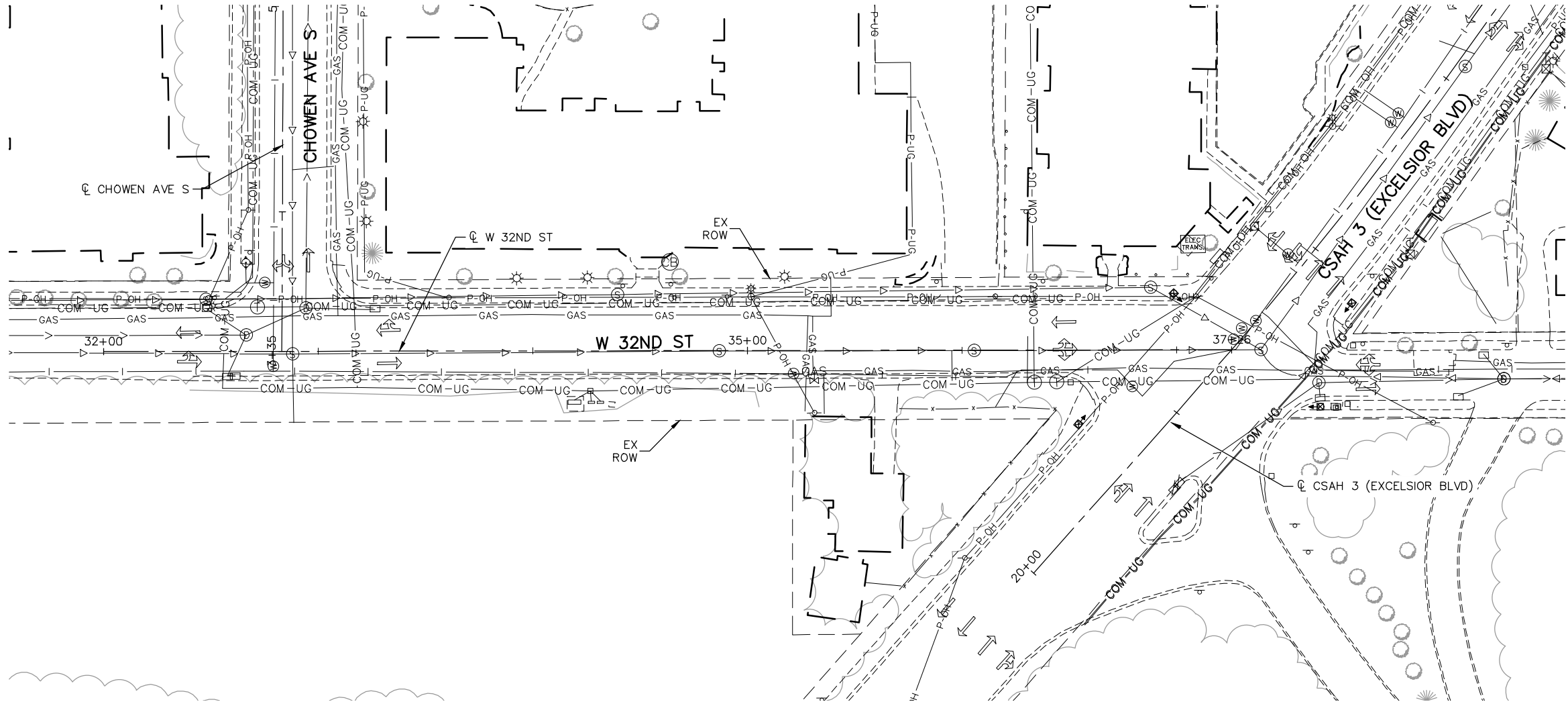
DISCIPLINE:
SURVEY

SHEET NAME:
E3-SUR-PLN - 016

SHEET
73
OF
123

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Sep. 16 2015 04:09 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15

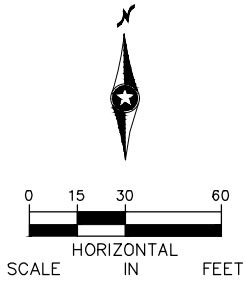
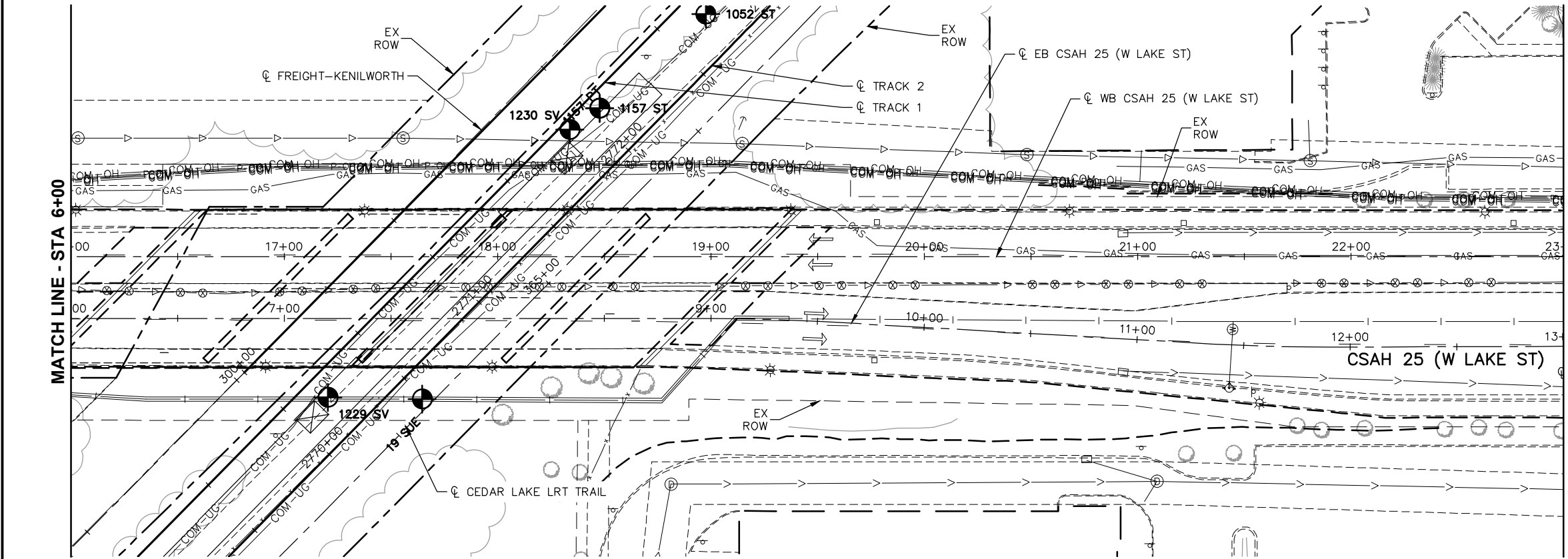
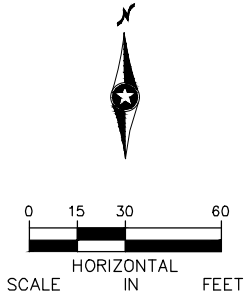
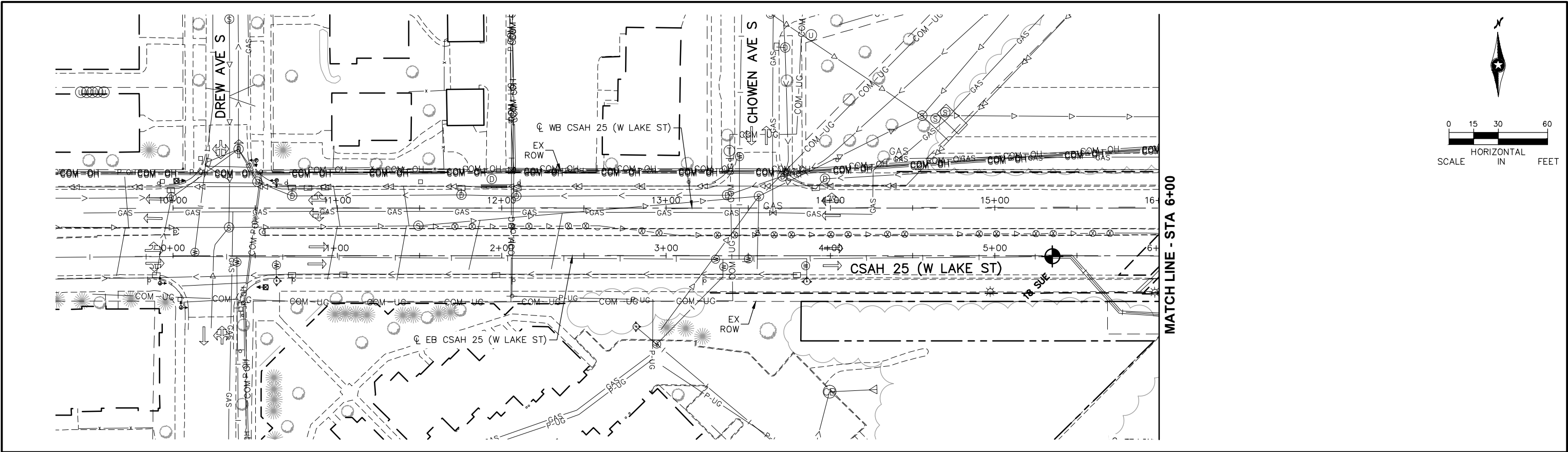


CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN W 32ND ST	
DISCIPLINE: SURVEY	SHEET NAME: E3-SUR-PLN - 017

SHEET
74
OF
123

DRAFT-WORK IN PROCESS

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 0+00 TO STA 13+00

DISCIPLINE: SURVEY

SHEET NAME: E3-SUR-PLN - 018

DRAFT-WORK IN PROCESS

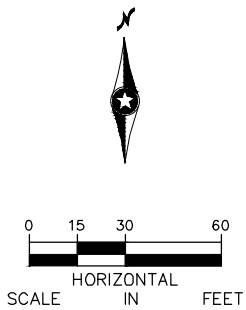
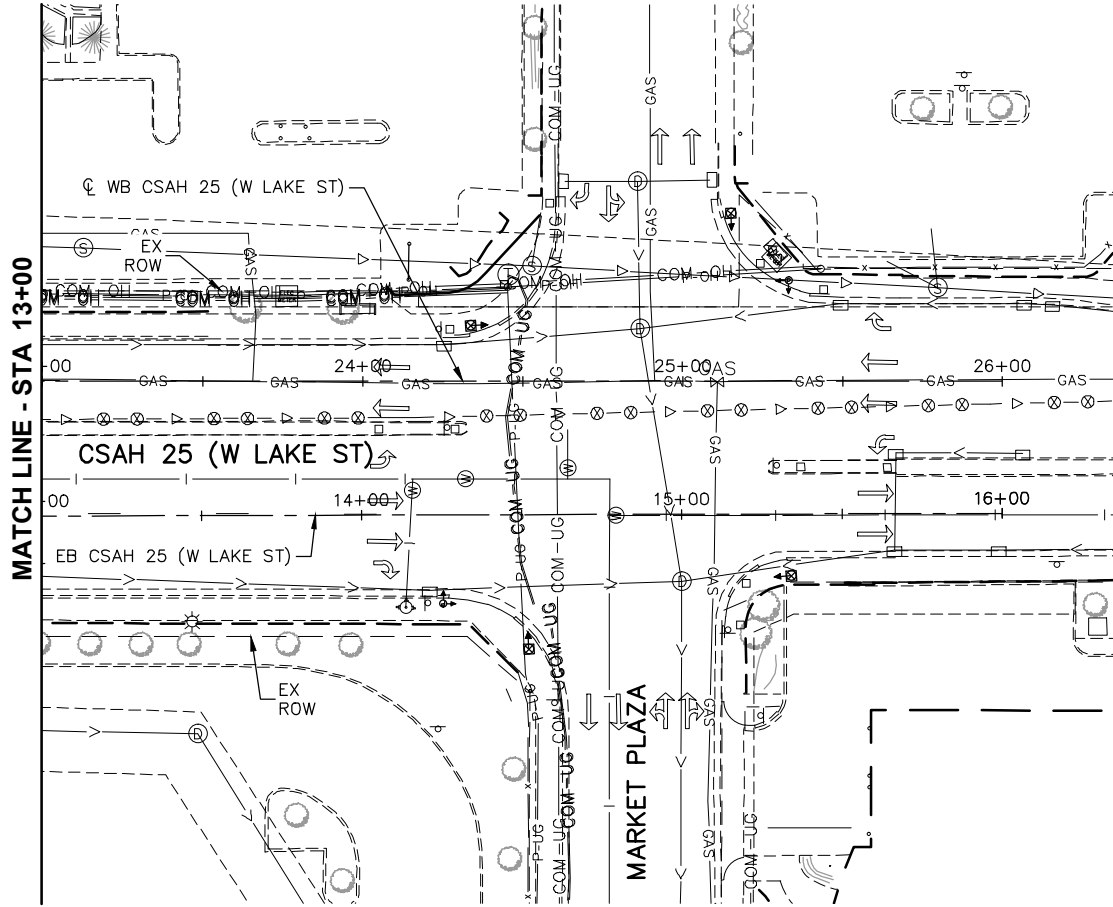
SHEET

75

OF

123

Sep. 16 2015 04:10 pm v:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





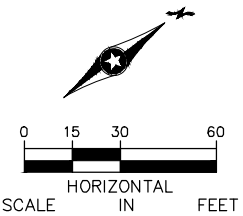
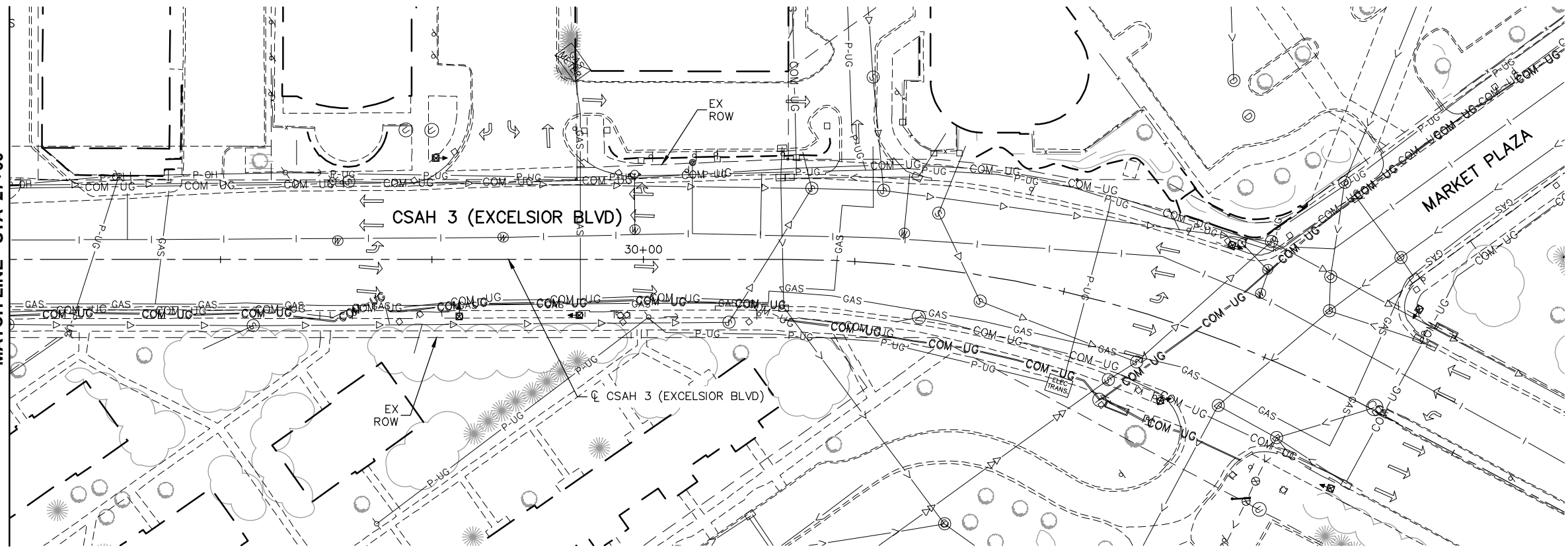
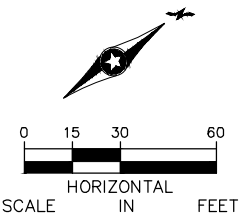
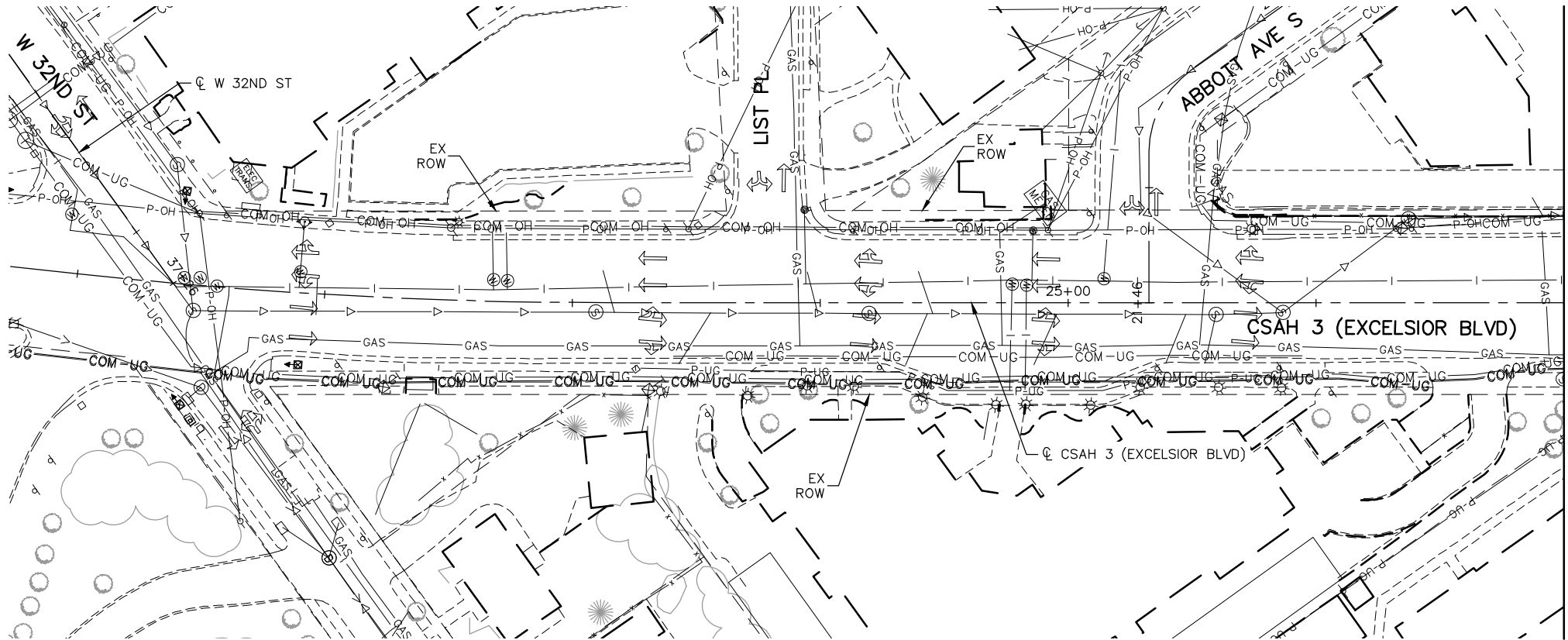
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CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA 13+00 TO STA 16+00	
DISCIPLINE: SURVEY	SHEET NAME: E3-SUR-PLN - 019

SHEET
76
OF
123

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
CSAH 3 (EXCELSIOR BLVD)

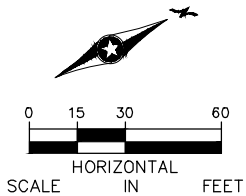
DISCIPLINE: SURVEY

SHEET NAME: E3-SUR-PLN - 020

SHEET
77
OF
123

60% SUBMISSION - 09/28/15

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DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



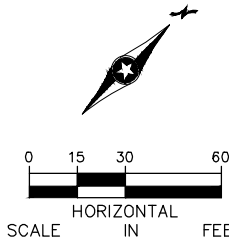
CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA 2842+00 TO STA 2848+00	
DISCIPLINE: SURVEY	SHEET NAME: E4-SUR-PLN - 001

SHEET
78
OF
123

Sep. 16 2015 04:11 pm V:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E4--SUR--PLN.dwg By: 573

MATCH LINE - STA 2848+00

MATCH LINE - STA 2854+00



1243 SB

1244 SB

EX ROW

1026 ST

1025 ST

CL TRACK 1

CL TRACK 2

CL KENILWORTH TRAIL

CL TRAIL G

CL TRAIL B

EX TRAIL

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2848+00 TO STA 2854+00

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 002

SHEET

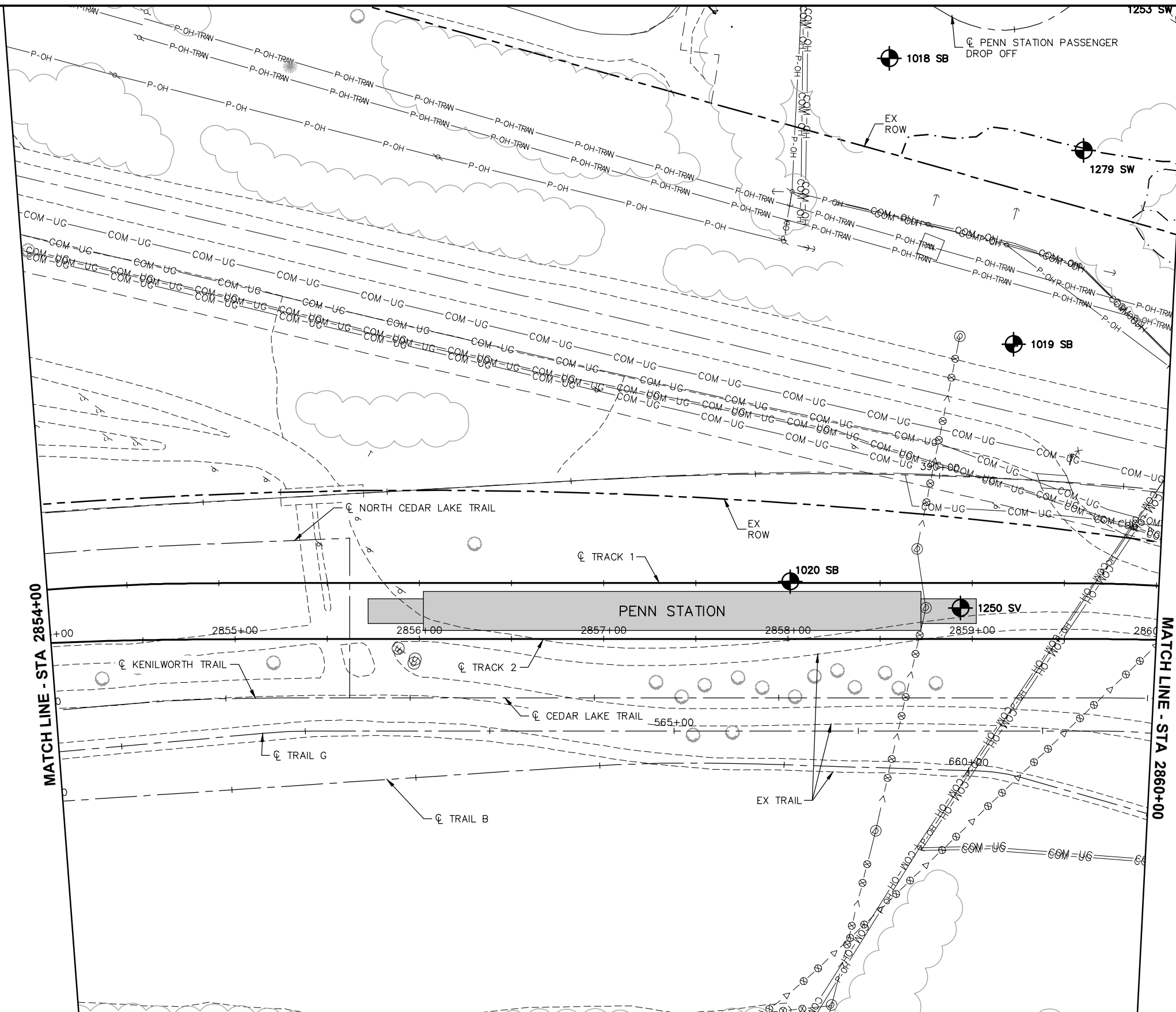
79

OF

123

60% SUBMISSION - 09/28/15

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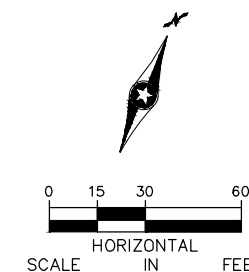
METROPOLITAN
COUNCIL

60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2854+00 TO STA 2860+00

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 003

SHEET
80
OF
123



DRAFT-WORK IN PROCESS

[illegible]

**CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2860+00 TO STA 2865+50**

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 004

SHEET

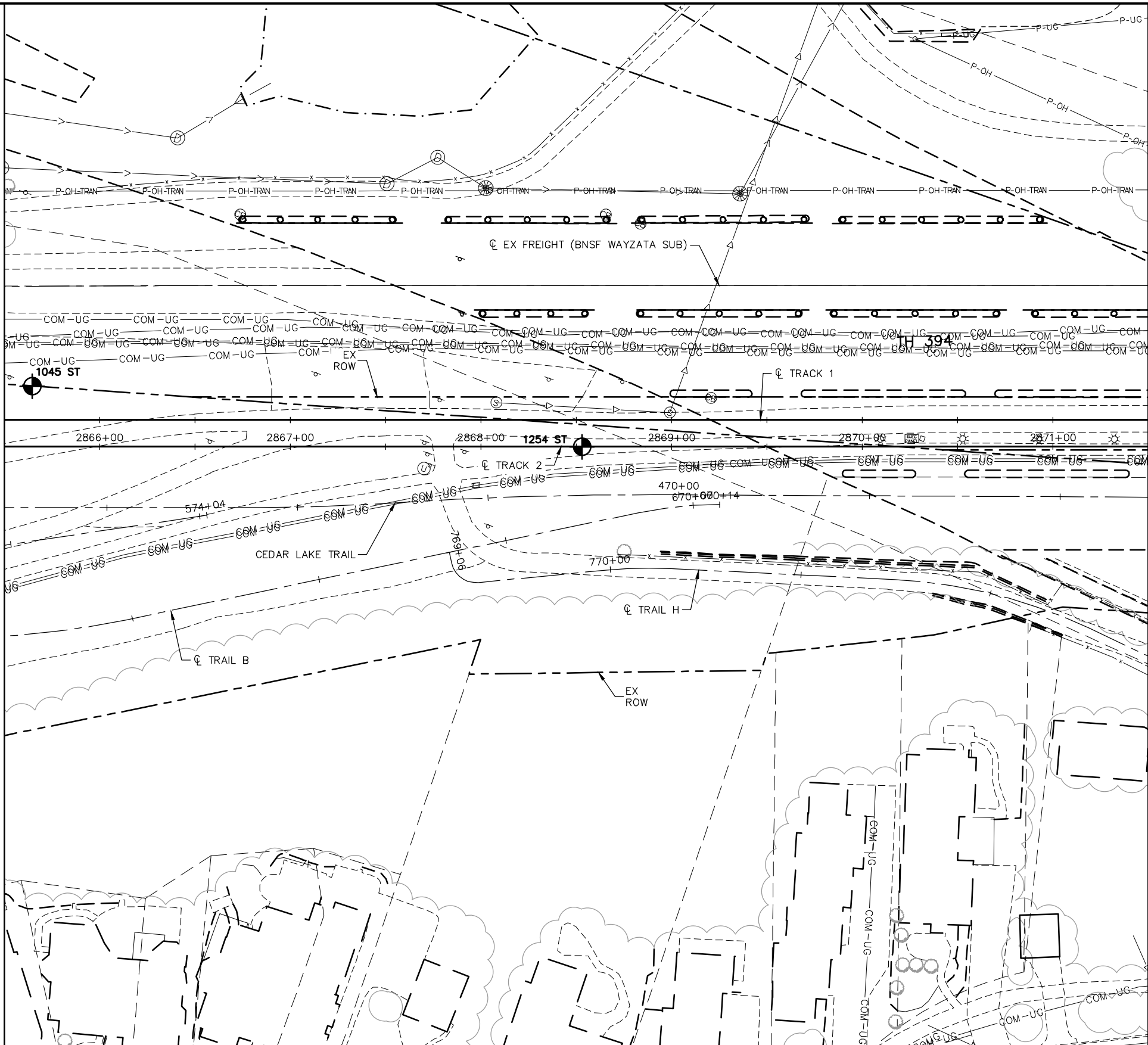
81

OF

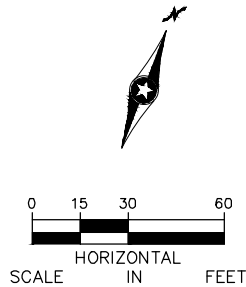
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MATCH LINE - STA 2865+50

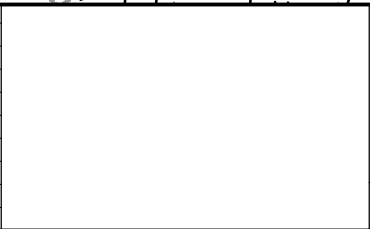


MATCH LINE - STA 2871+50



DRAFT-WORK IN PROCESS

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60% SUBMISSION - 09/28/15



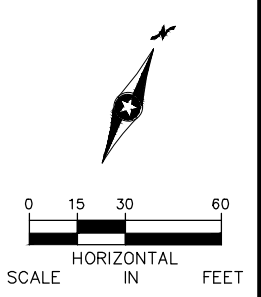
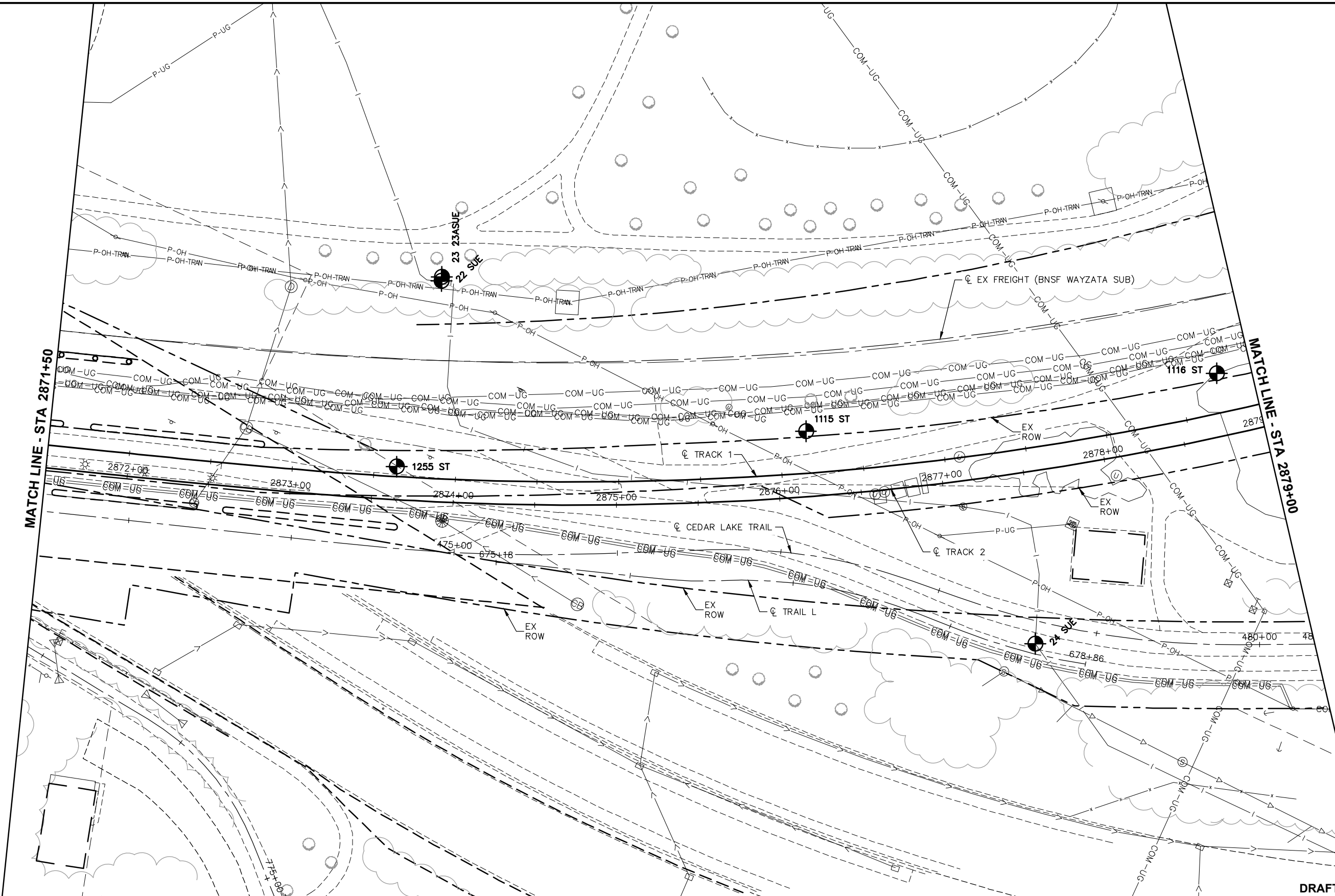
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2865+50 TO STA 2871+50

DISCIPLINE:
SURVEY

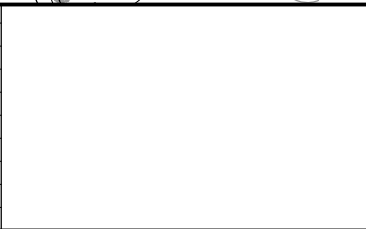
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E4-SUR-PLN - 005

SHEET
82
OF
123

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CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 2871+50 TO STA 2879+00

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 006

SHEET

83

OF

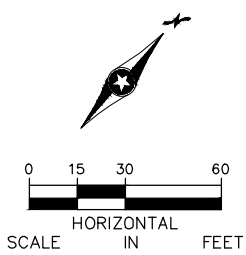
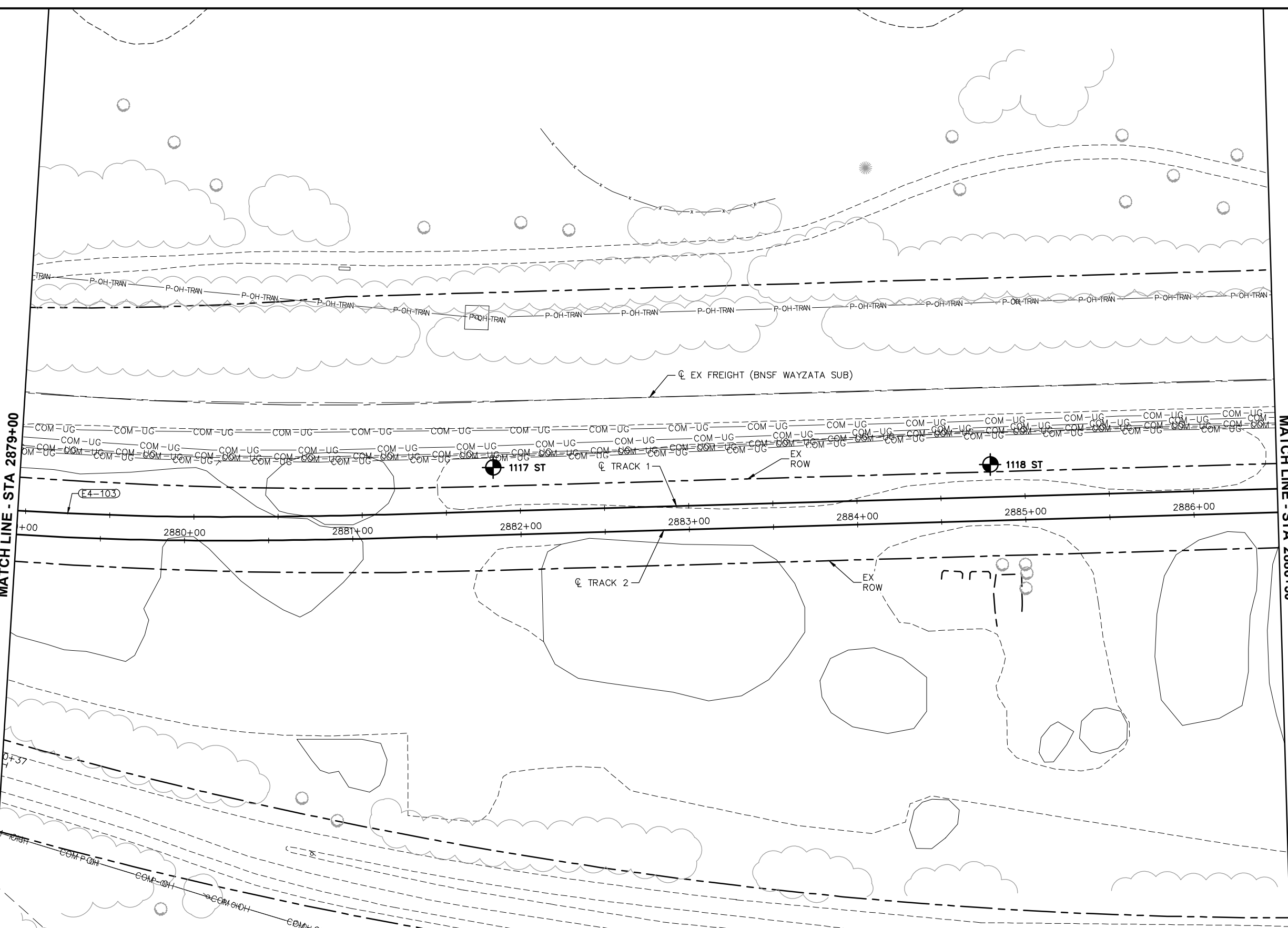
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DRAFT-WORK IN PROCESS

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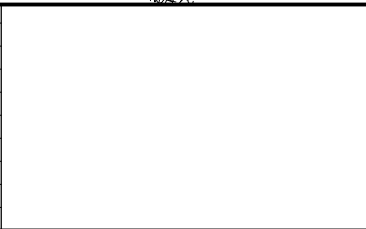
MATCH LINE - STA 2879+00

MATCH LINE - STA 2886+50



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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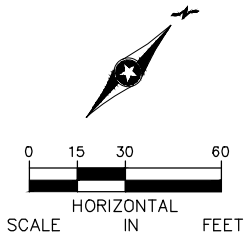
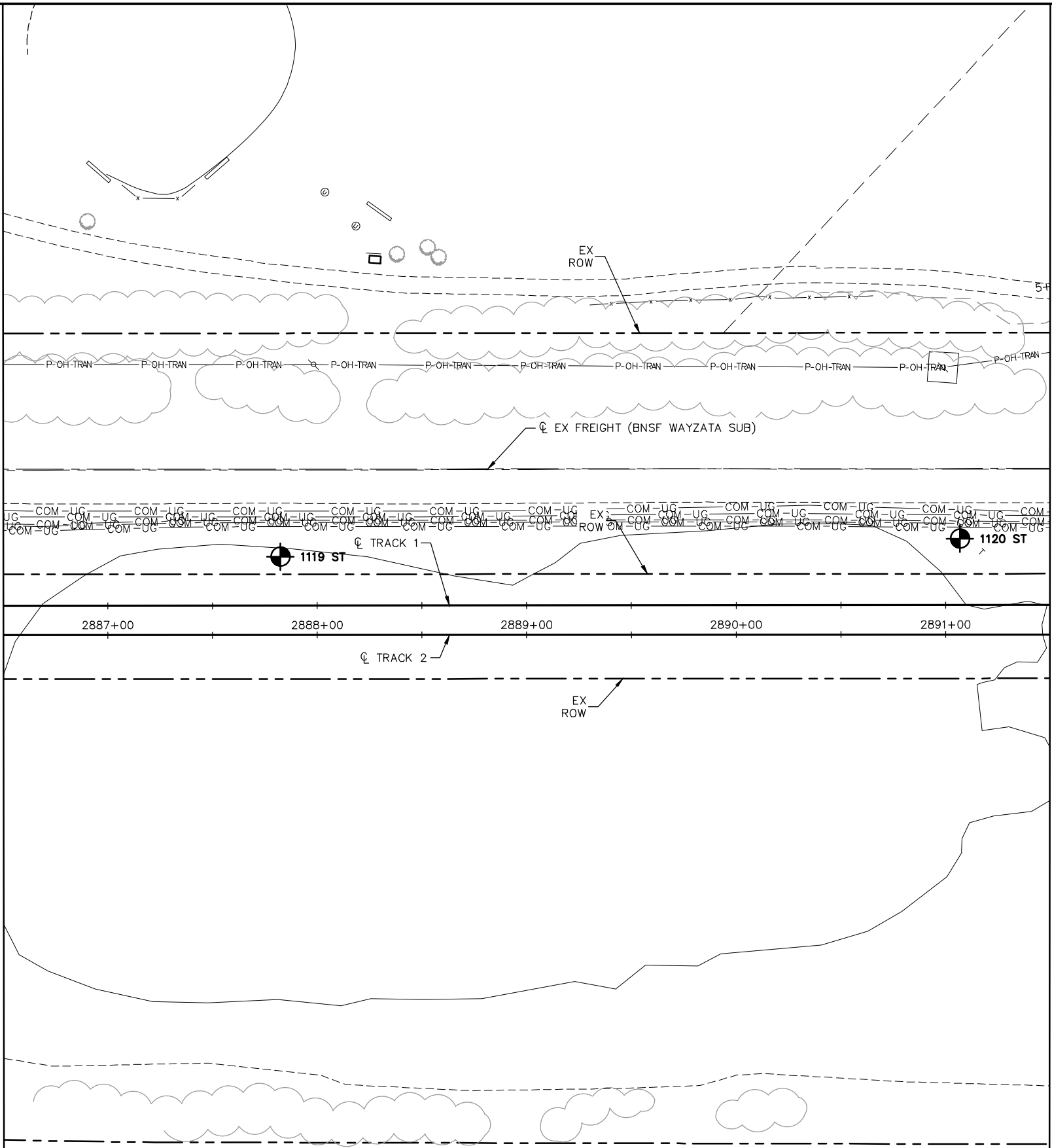
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2879+00 TO STA 2886+50

DISCIPLINE: SURVEY

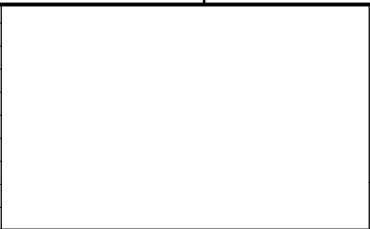
SHEET NAME: E4-SUR-PLN - 007

SHEET
84
OF
123

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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2886+50 TO STA 2891+50

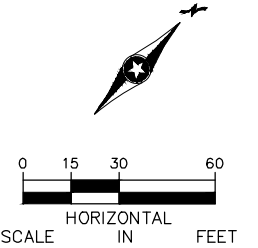
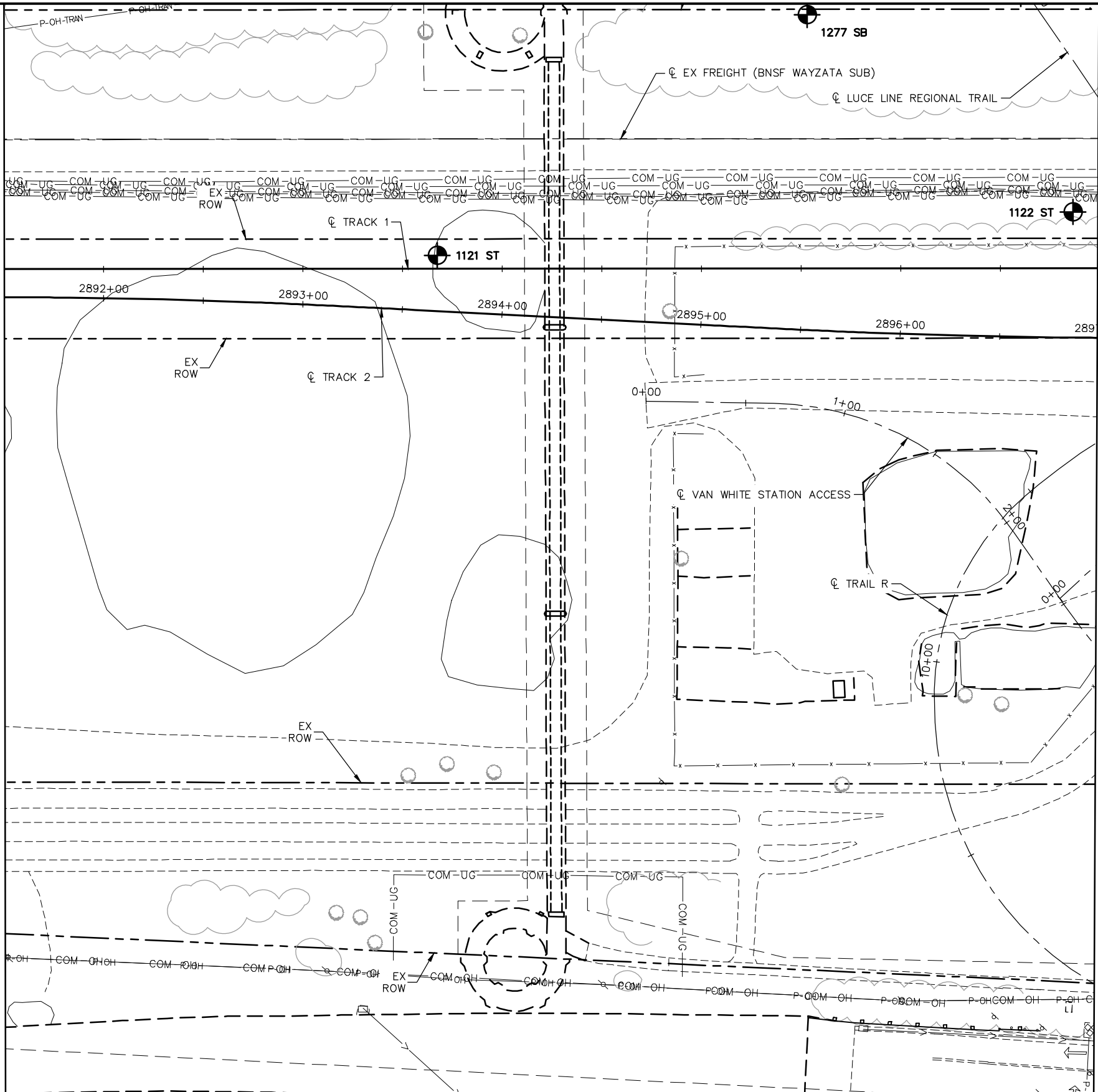
DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 008

SHEET
85
OF
123

DRAFT-WORK IN PROCESS

Sep. 16 2015 04:14 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573

MATCH LINE - STA 2891+50



DRAFT-WORK IN PROCESS

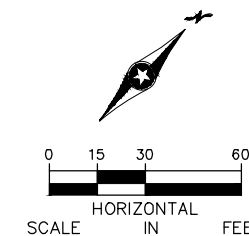
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2891+50 TO STA 2897+00

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 009

SHEET
86
OF
123



MATCH LINE - STA 2897+00

MAICH LINE - STA 2904+00

Q EX FREIGHT (BNSF WAYZATA SUB)

£ T

\1275 SB

VAN WHITE STATION

 1124 ST

Ⓢ TRACK 2 -

— C LUCE LINE REGIONAL TRAIL

1276 SB

A detailed technical drawing of a bridge section, showing the cross-section of the bridge deck and the supporting structure. The drawing includes labels for "VAN WHITE MEMORIAL BLVD" and "C".

EX
ROW

—C VAN WHITE STATION ACCESS

—C VAN WHITE STATION ACCESS

TRAII

© TRAIL F

LINDEN AVE W

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[illegible]

60% SUBMISSION - 09/28/15

**CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2897+00 TO STA 2904+00**

DISCIPLINE:

SURVEY

	SHEET NAME:
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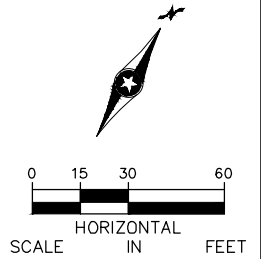
E4-SUR-PLN - 010

SHEET

87

OF

123



DRAFT-WORK IN PROCESS

[illegible]

**CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2904+00 TO STA 2911+00**

DISCIPLINE:

SURVEY

SHEET NAME:

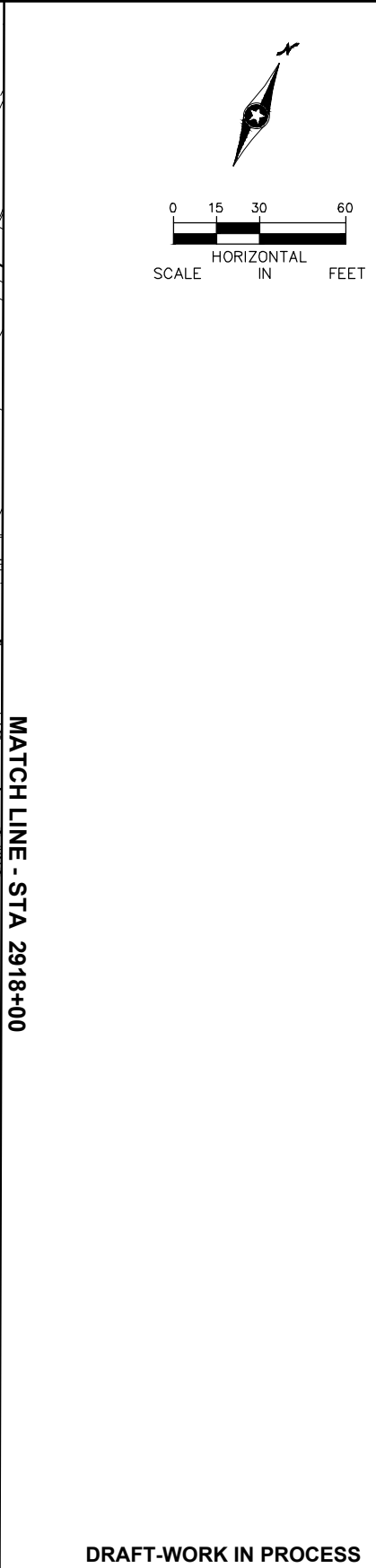
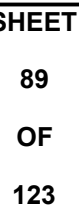
E4-SUR-PLN - 011

SHEET

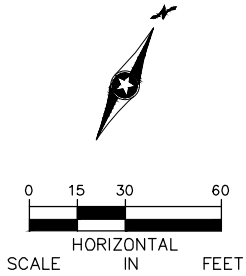
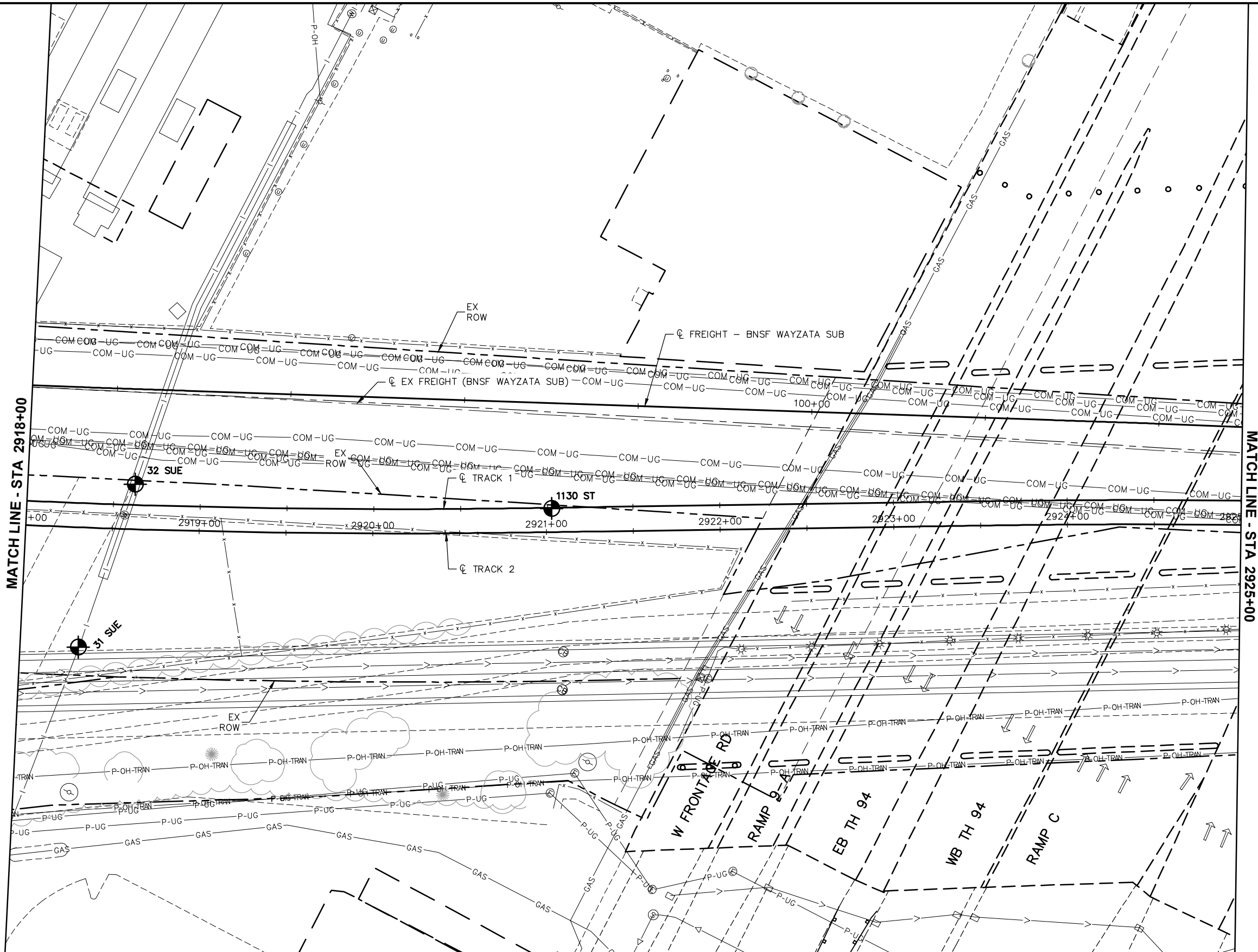
38

OF

23

[illegible]**60% SUBMISSION - 09/28/15**

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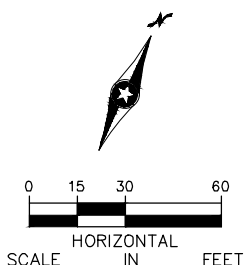
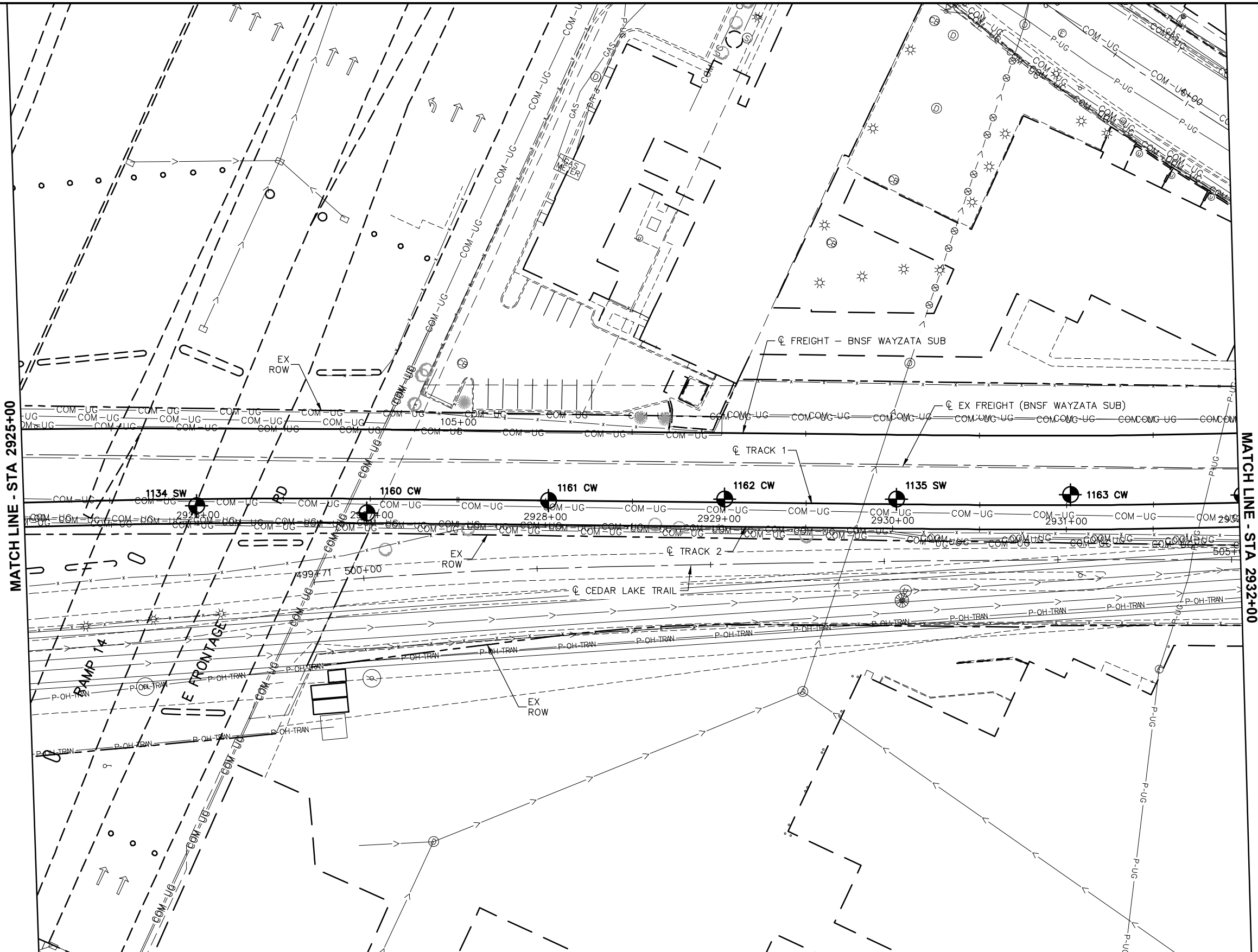
60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2918+00 TO STA 2925+00

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 013

SHEET 90 OF 123

Sep. 16 2015 04:15 pm V:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 2925+00 TO STA 2932+00

DISCIPLINE: **SURVEY**

SHEET NAME: **E4-SUR-PLN - 014**

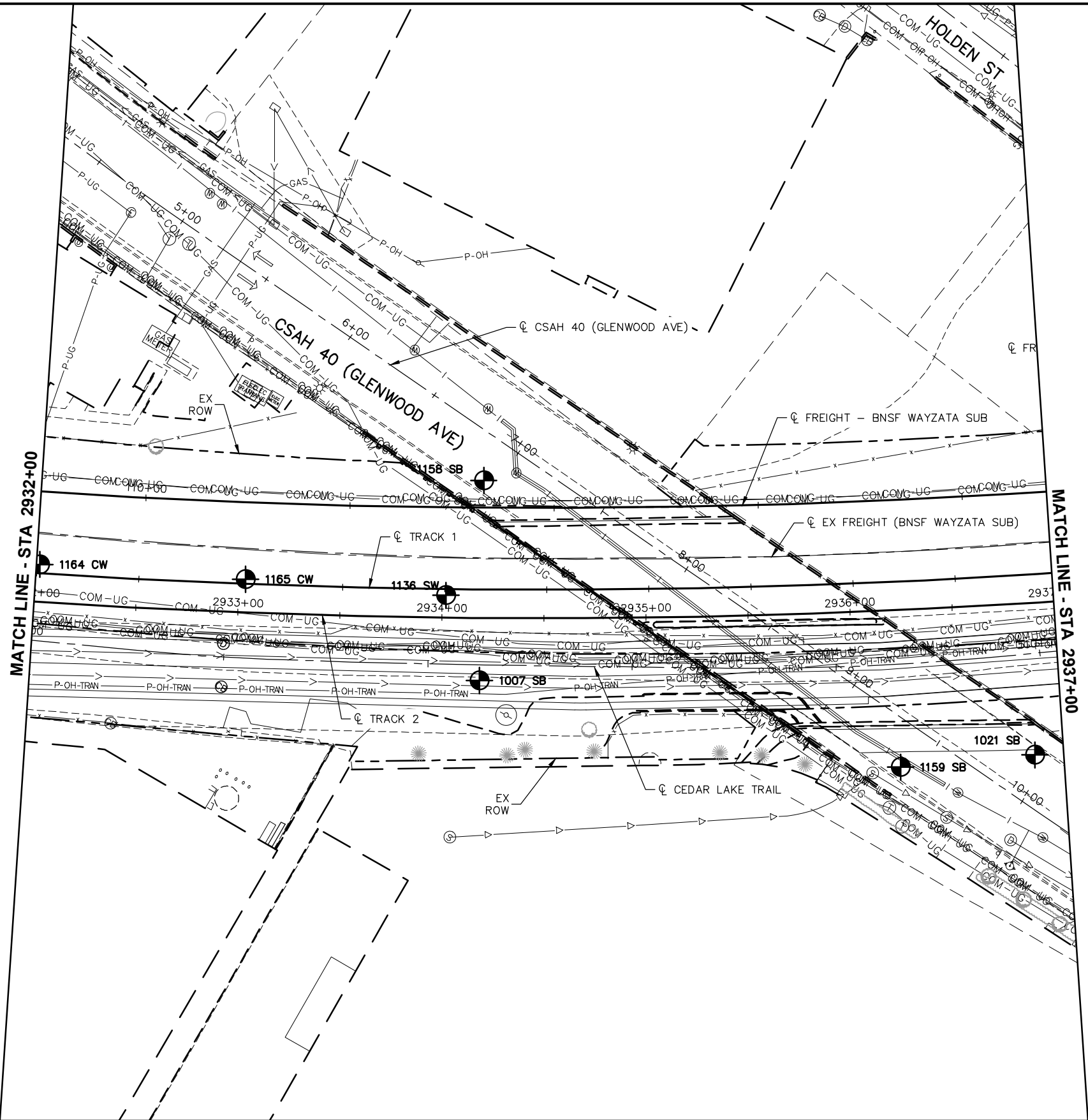
SHEET

91

OF

123

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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C O U N C I L

SOUTHWEST
Green Line LRT Extension



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2932+00 TO STA 2937+00

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 015

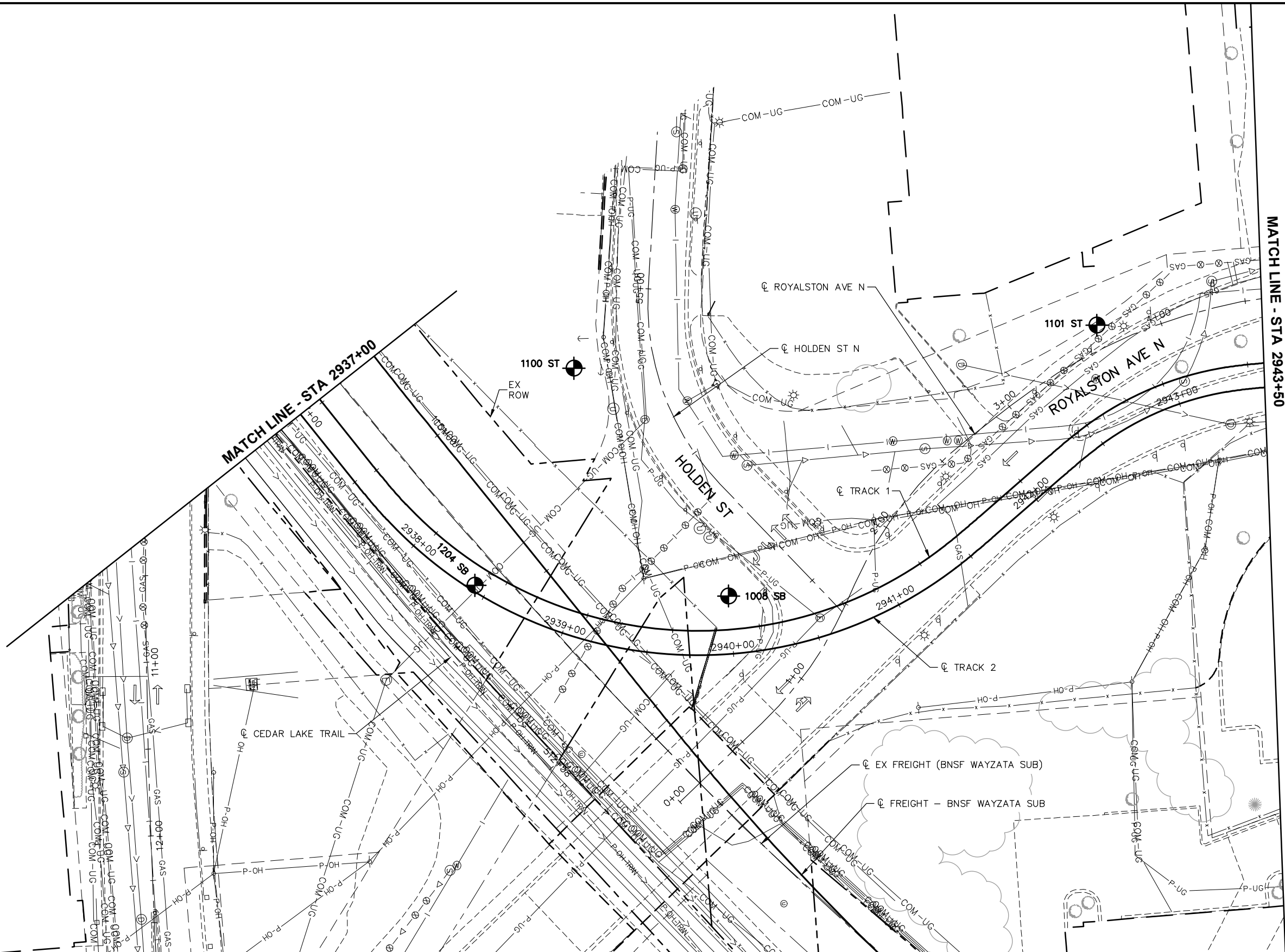
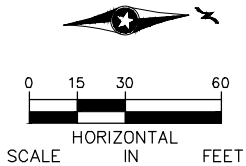
SHEET

92

OF

123

Sep. 16 2015 04:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2937+00 TO STA 2943+50

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 016

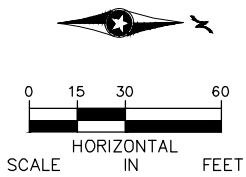
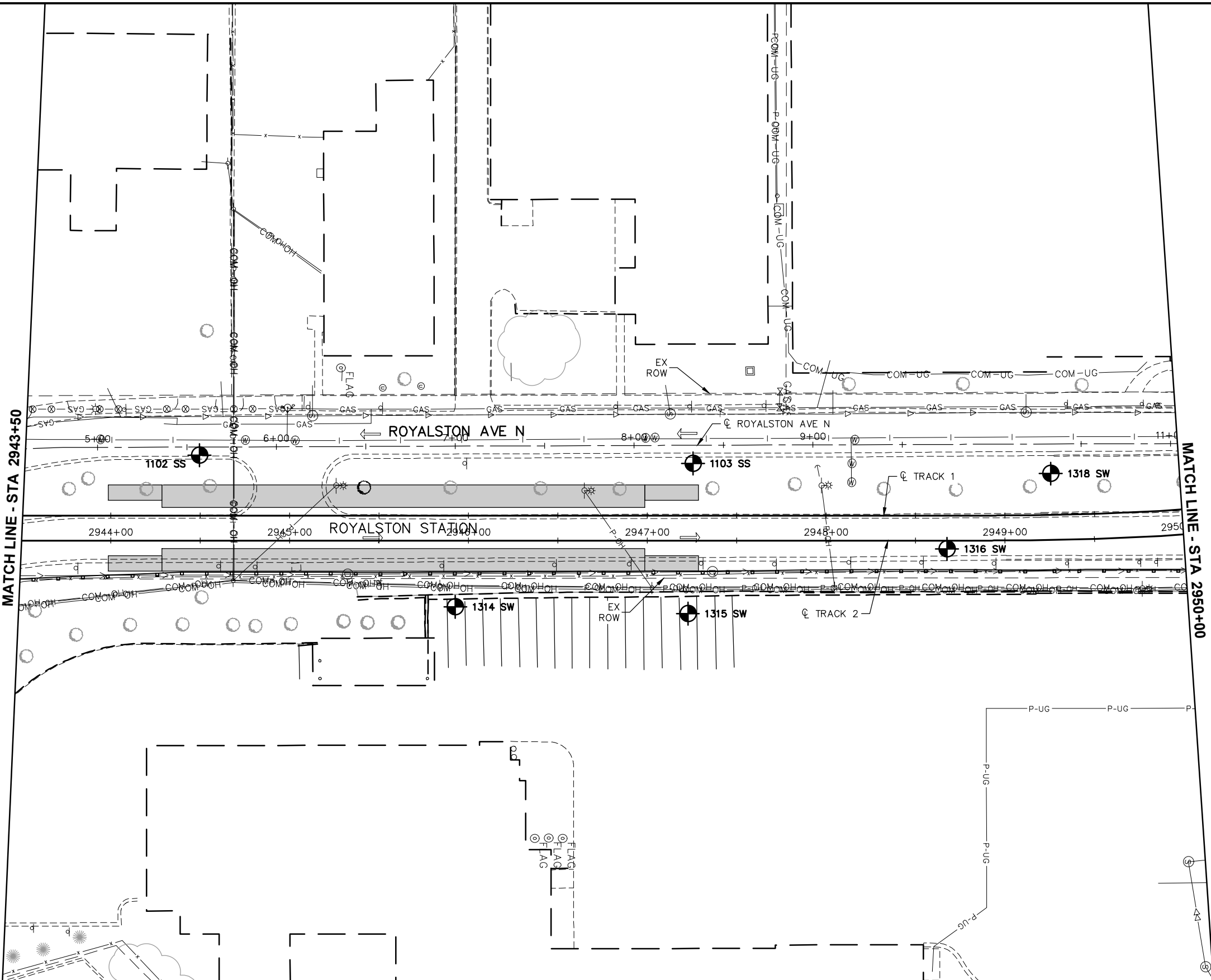
SHEET

93

OF

123

Sep. 16 2015 04:16 pm V:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



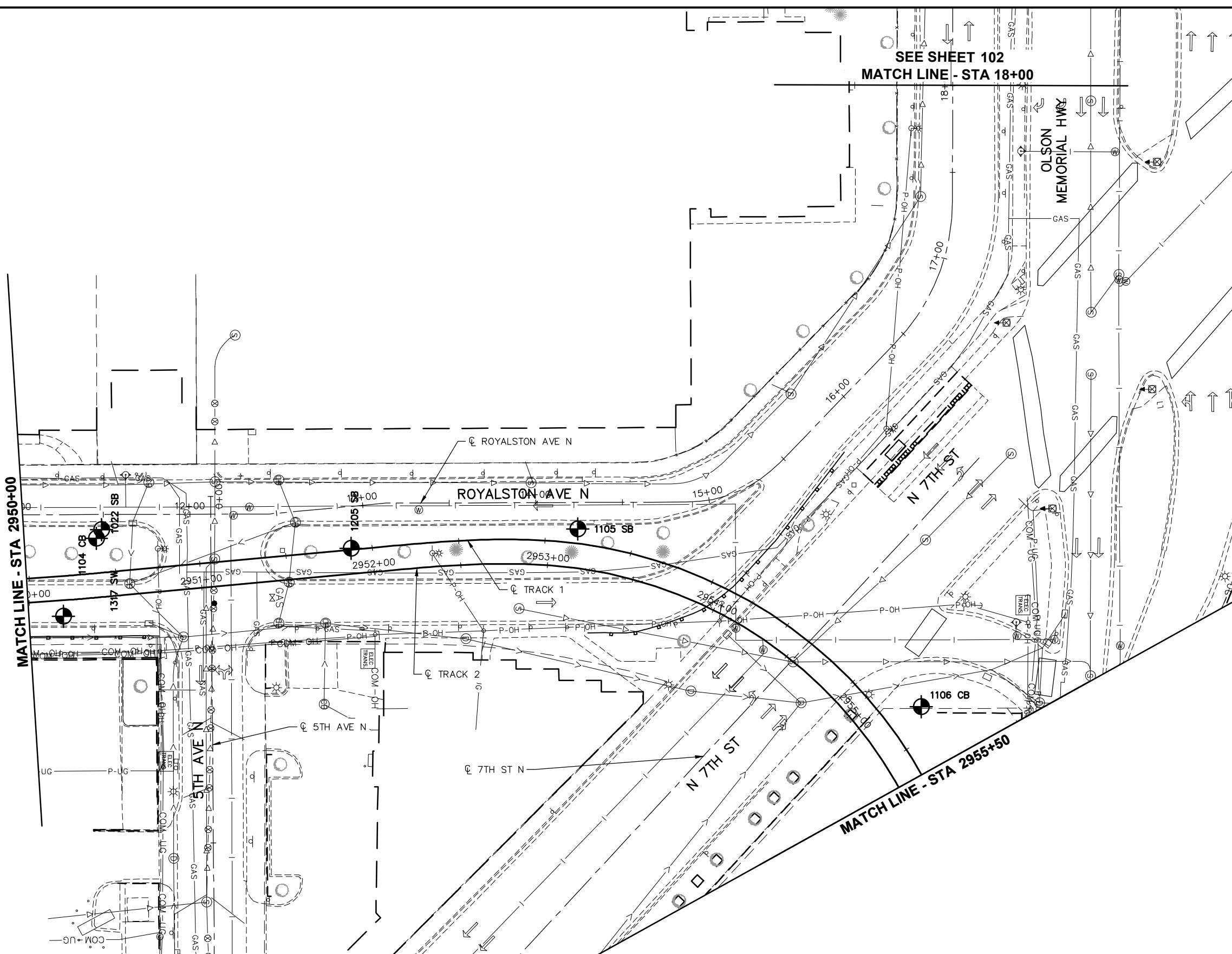
DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN STA 2943+50 TO STA 2950+00		SHEET 94 OF 123
DISCIPLINE: SURVEY	SHEET NAME: E4-SUR-PLN - 017	

Sep. 16 2015 04:16 pm V:\3400_ADC\CAD\CAD_00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



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DISCIPLINE:		SHEET NAME:	
SURVEY		E4-SUR-PLN - 018	

CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

STA 2950+00 TO STA 2955+50

DRAFT-WORK IN PROCESS

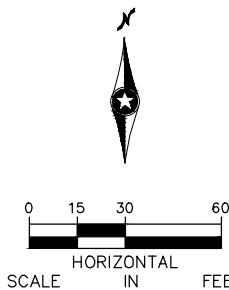
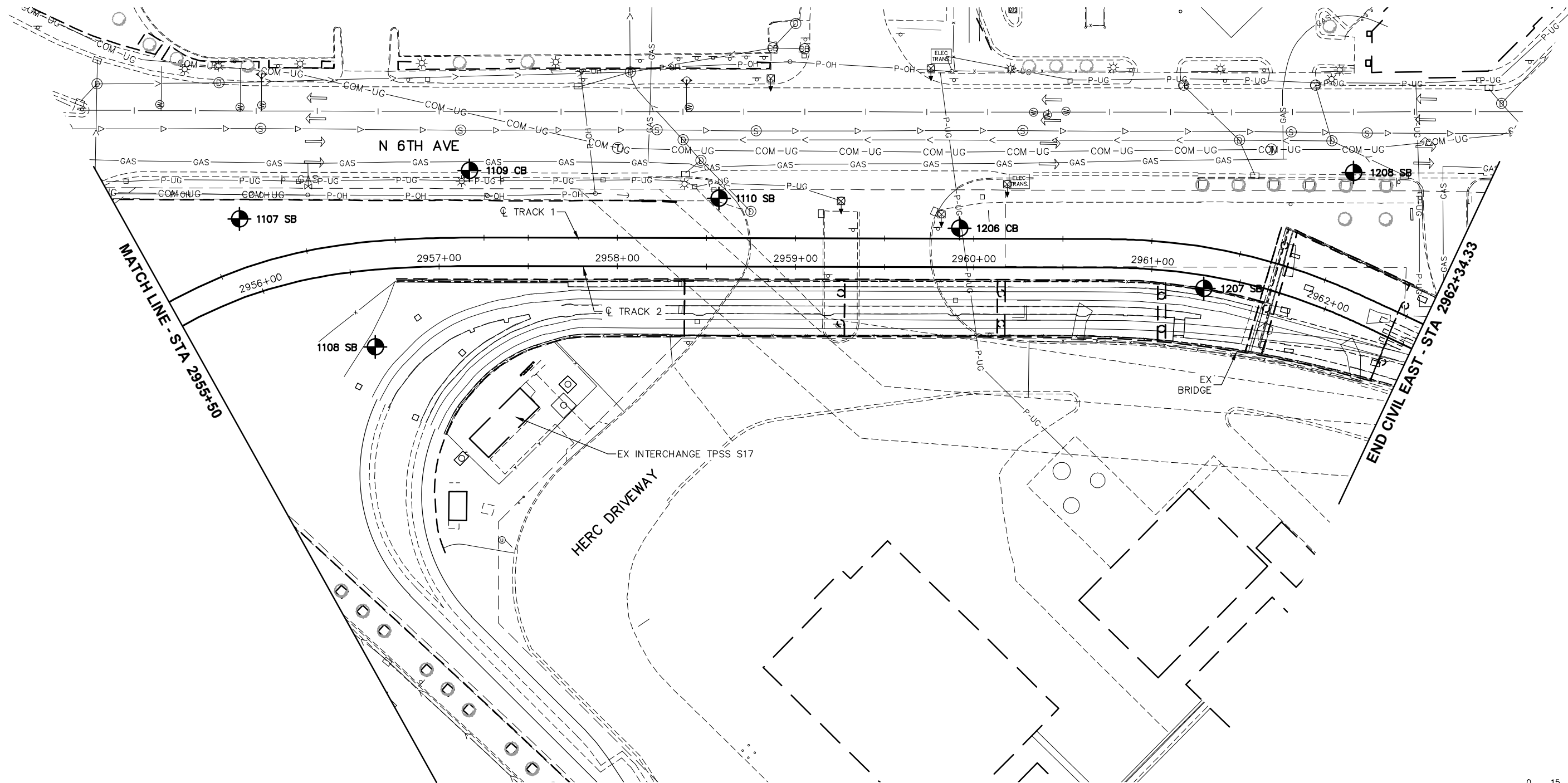
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95

OF

123

Sep. 16 2015 04:17 pm V:\34000_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



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C O U N C I L

SOUTHWEST
Green Line LRT Extension



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 2955+50 TO STA 2962+34.33

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 019

SHEET

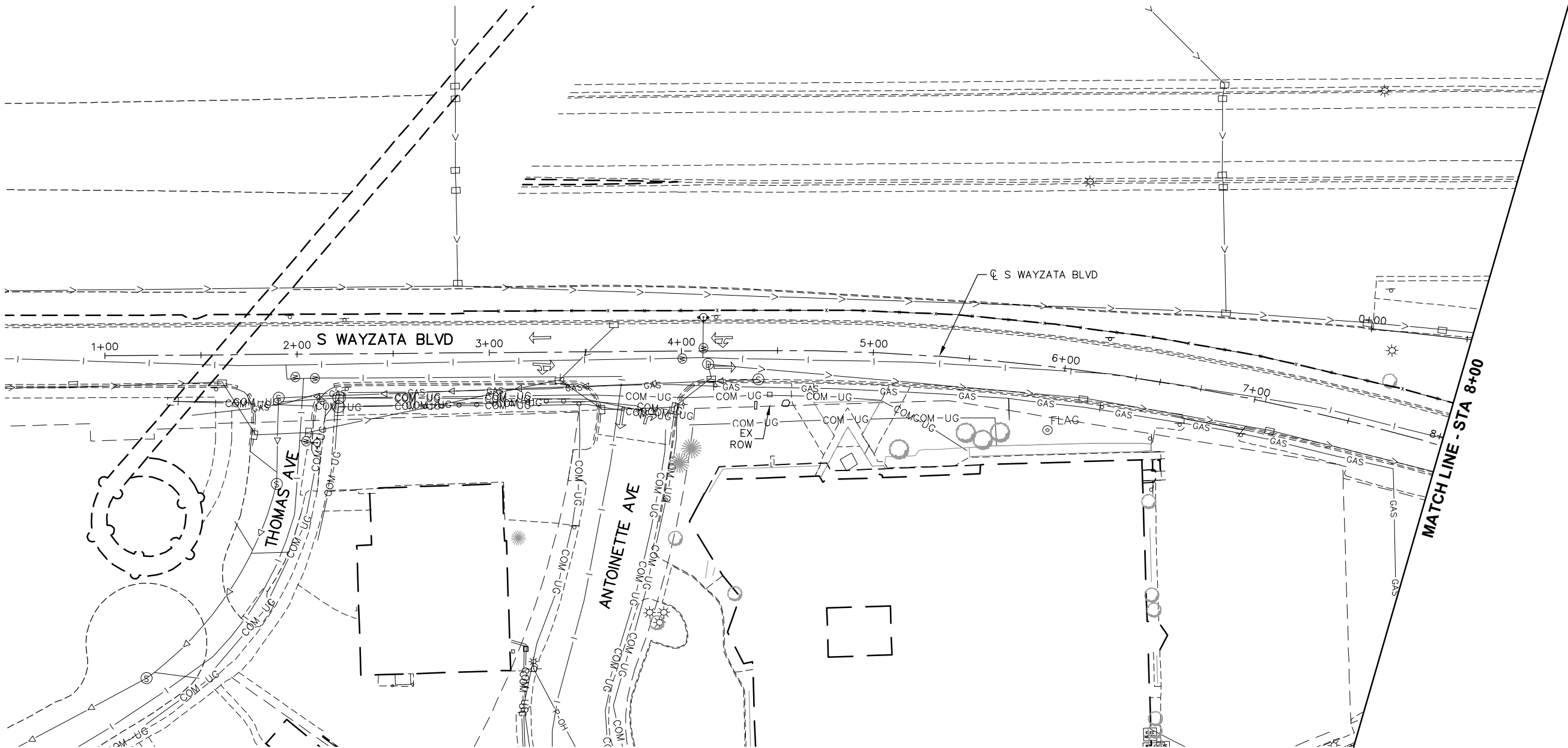
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OF

123

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COUNCIL

SOUTHWEST
Green Line LRT Extension

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 1+00 TO STA 8+00

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 020

SHEET

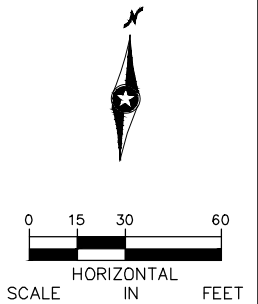
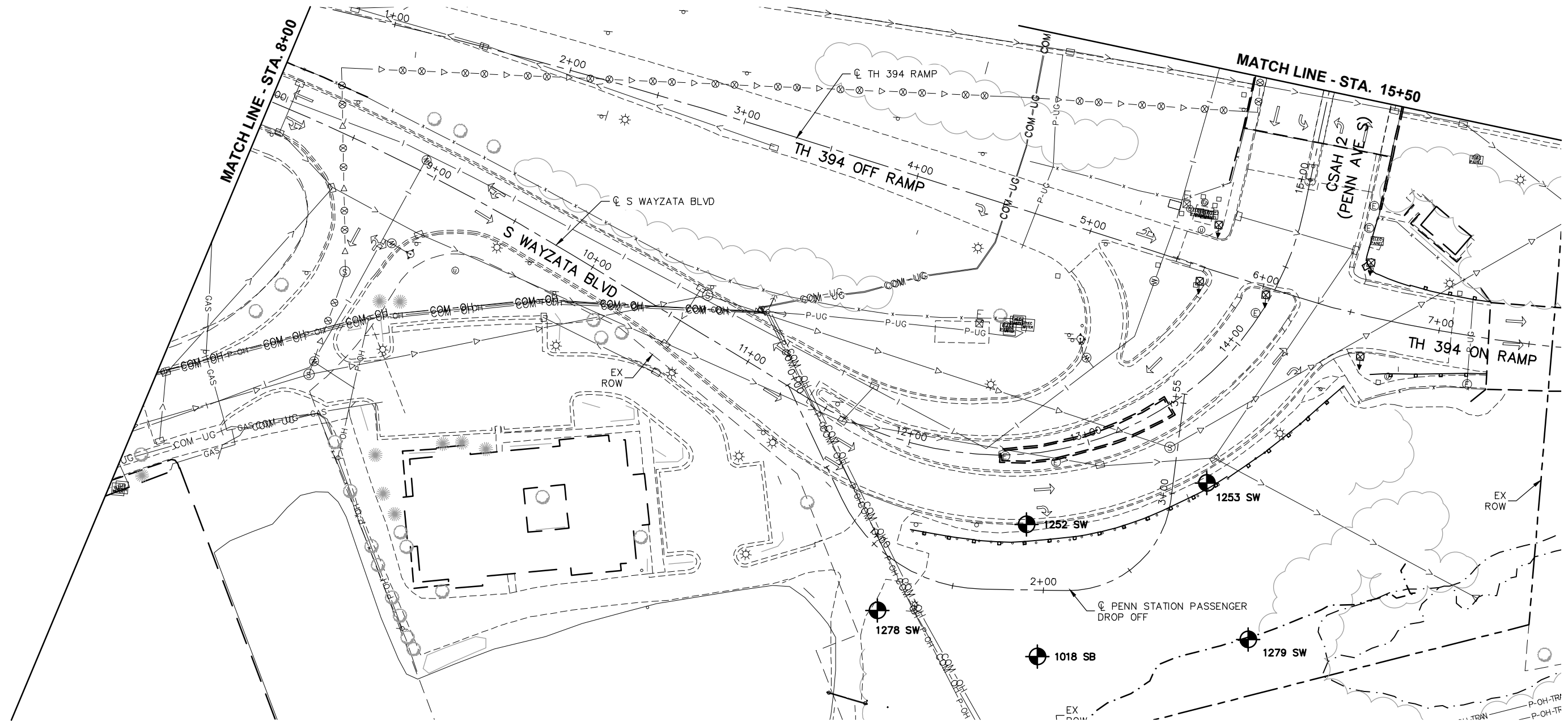
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OF

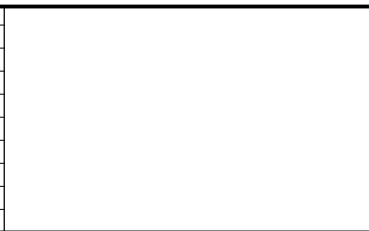
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60% SUBMISSION - 09/28/15

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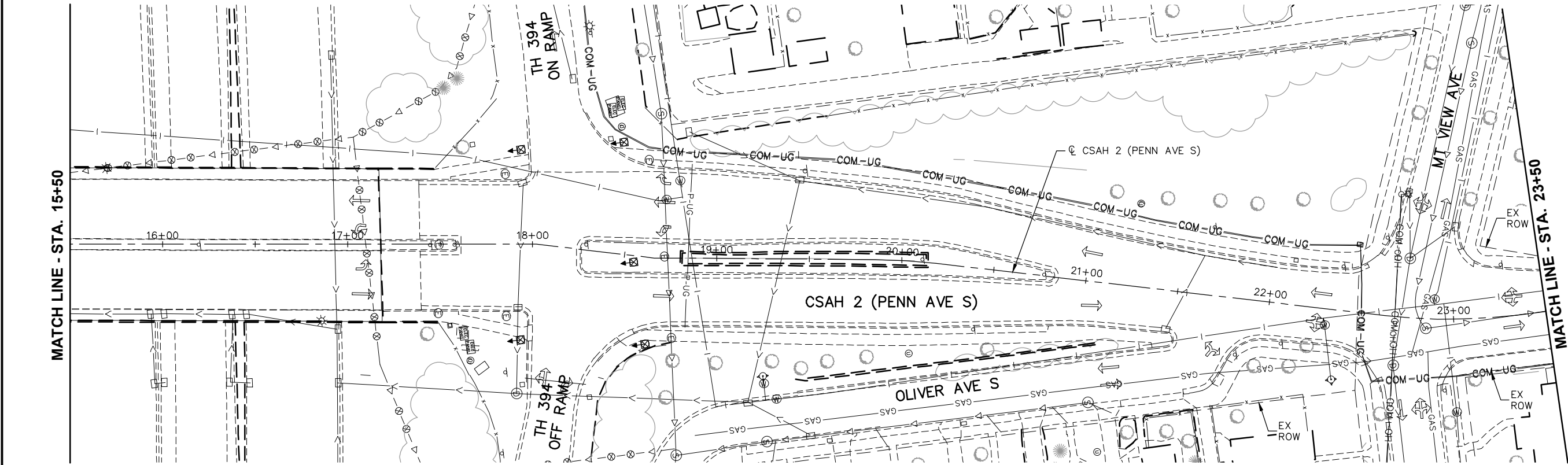
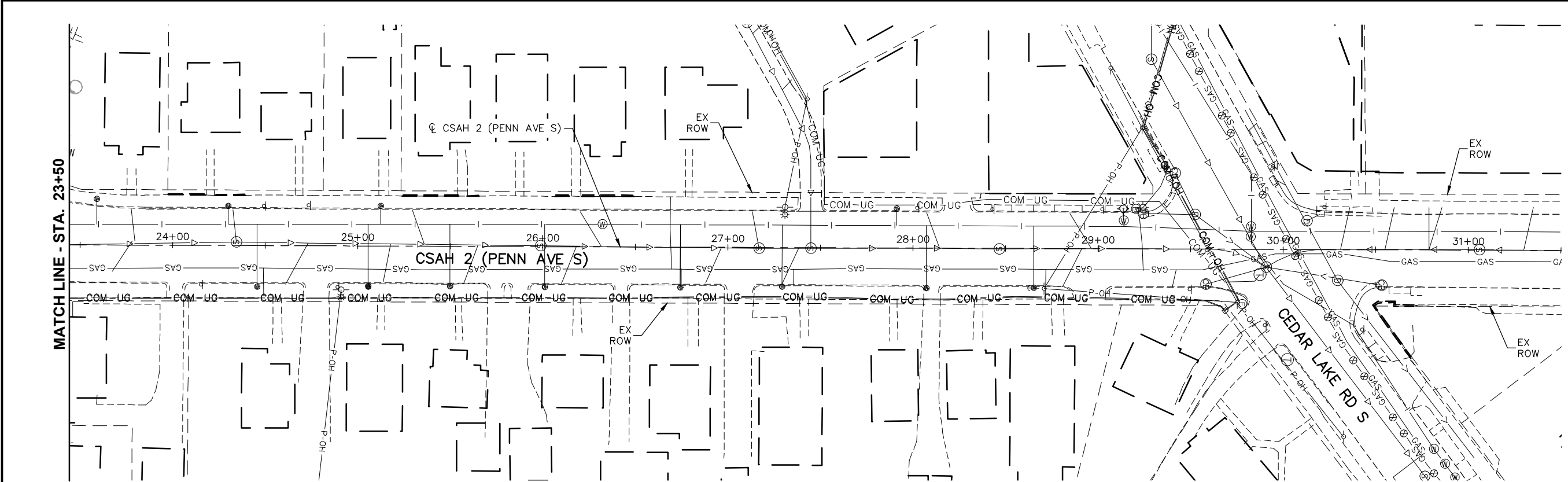
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 8+00 TO STA 15+50

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 021

DRAFT-WORK IN PROCESS

SHEET 98 OF 123

Sep. 16 2015 04:18 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





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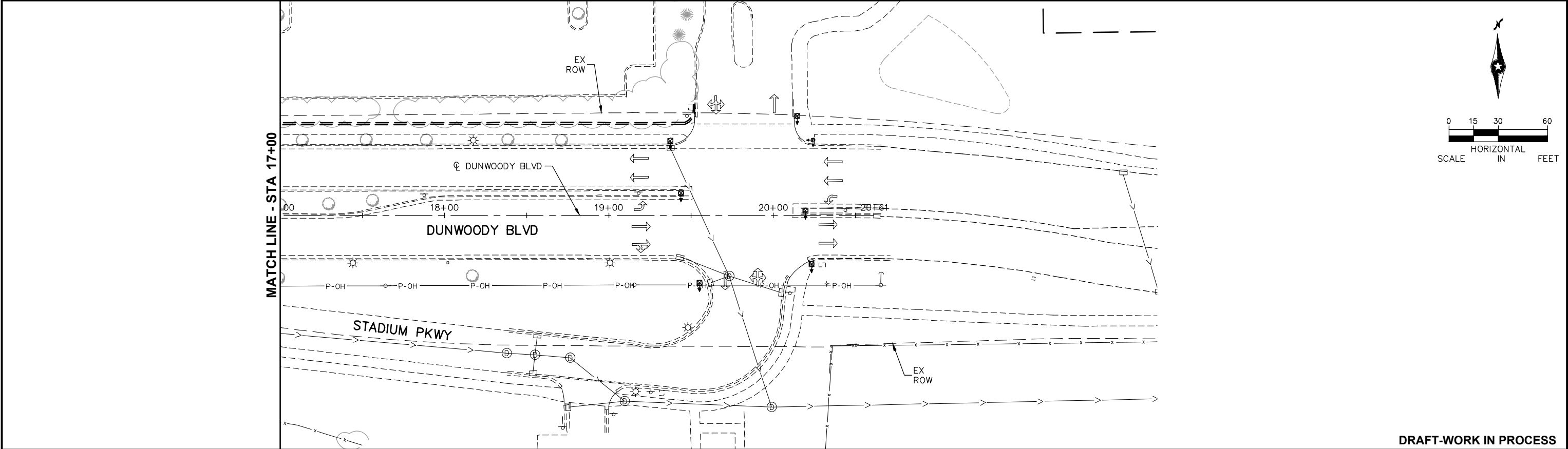
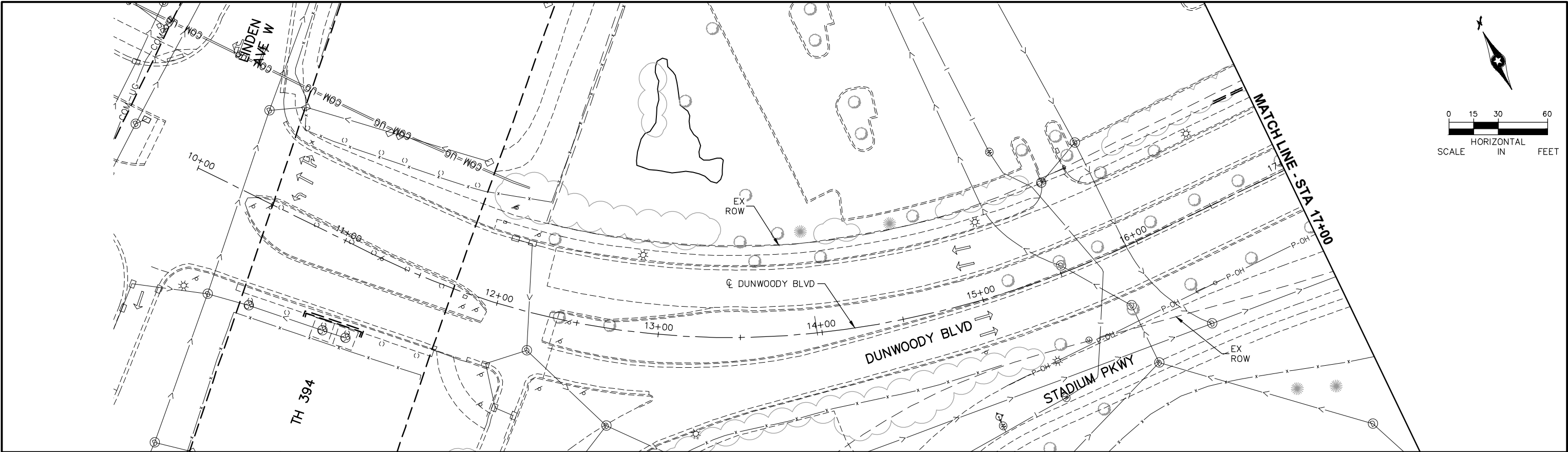
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 15+50 TO STA 31+00

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 022

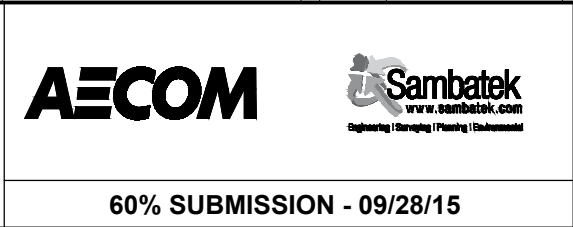
SHEET
99
OF
123

DRAFT-WORK IN PROCESS

Sep. 16 2015 04:19 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

CIVIL EAST - VOLUME 1

GENERAL

EXISTING CONDITIONS PLAN

DUNWOODY BLVD

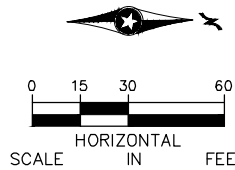
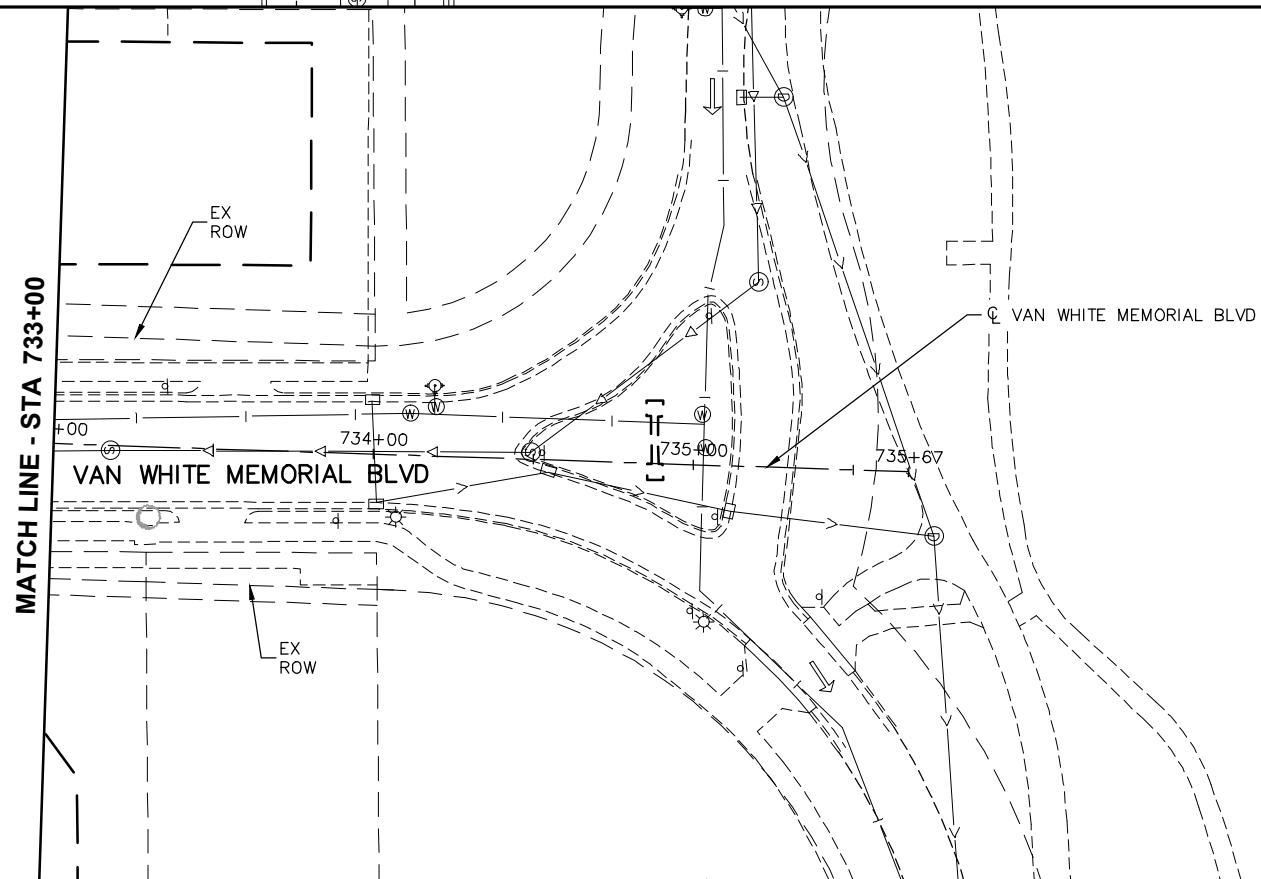
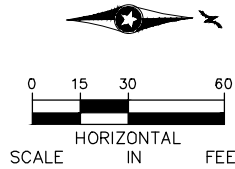
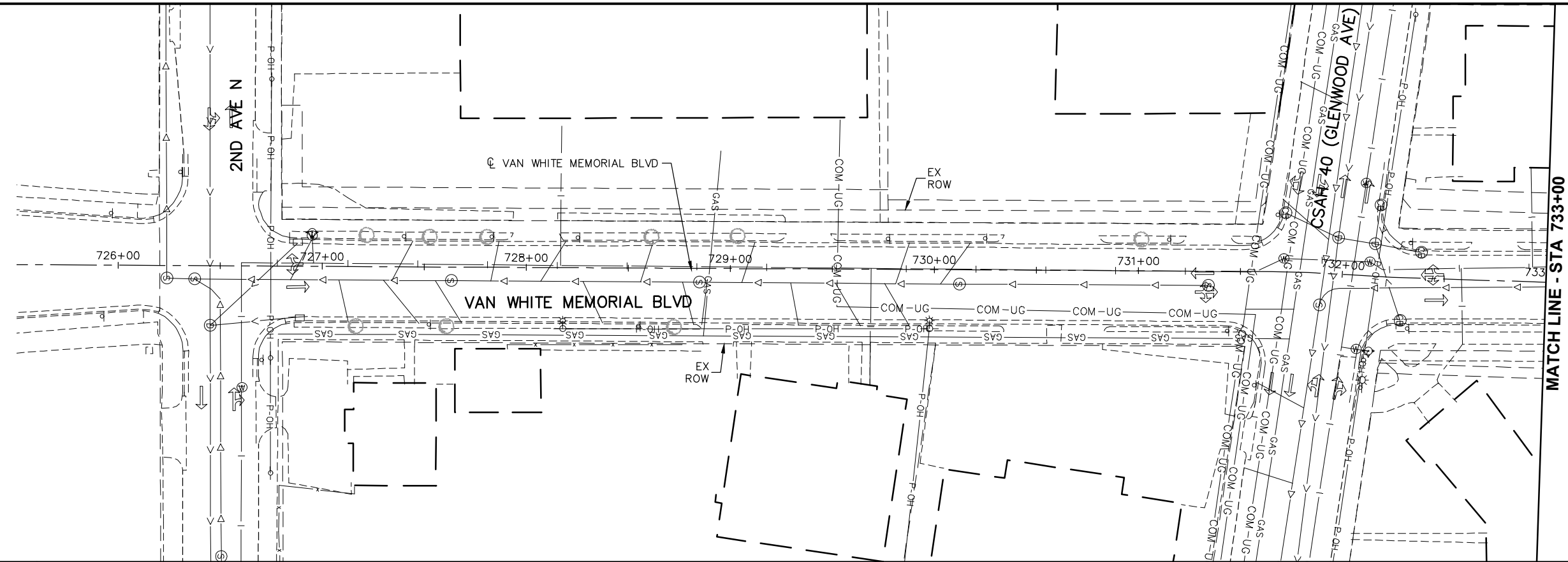
DISCIPLINE: SURVEY

DRAFT-WORK IN PROCESS

SHEET 100 OF 123

SHEET NAME: E4-SUR-PLN - 023

Sep. 16 2015 04:19 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
VAN WHITE MEMORIAL BLVD

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 024

SHEET

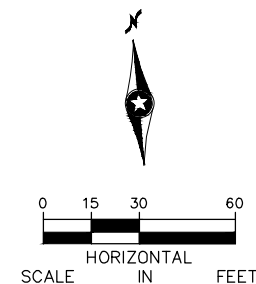
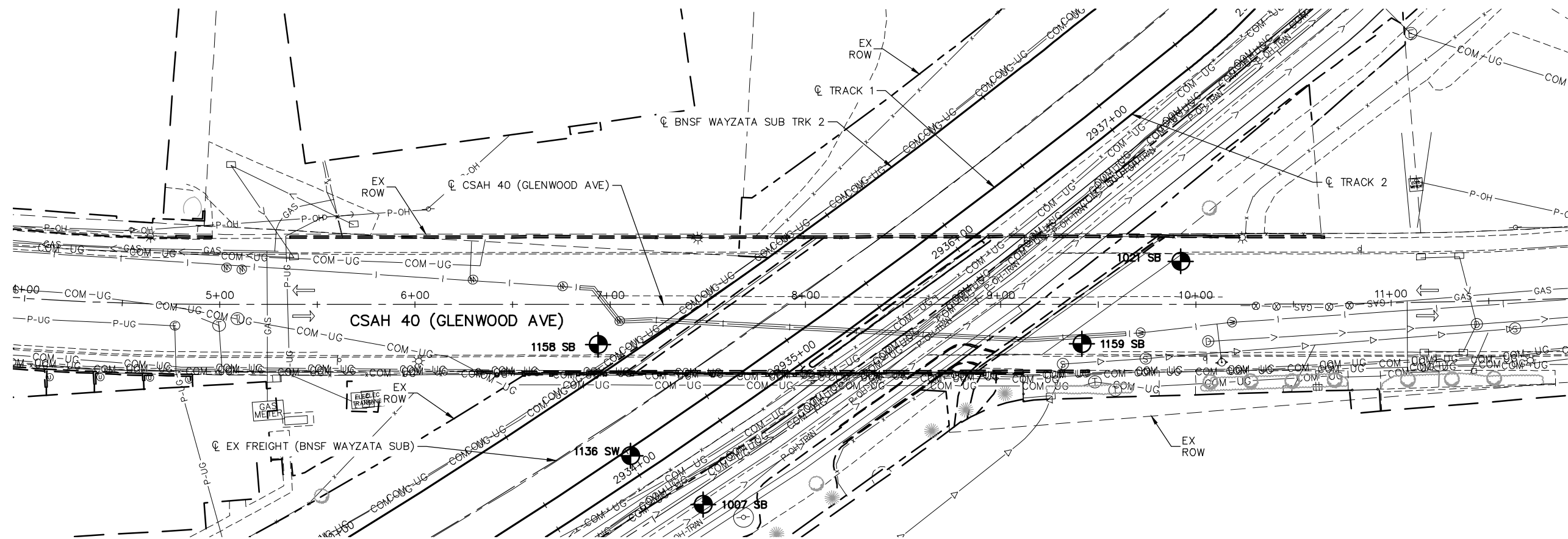
101

OF

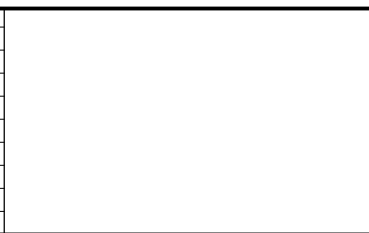
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60% SUBMISSION - 09/28/15



CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 5+00 TO STA 11+50

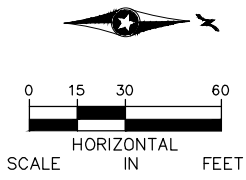
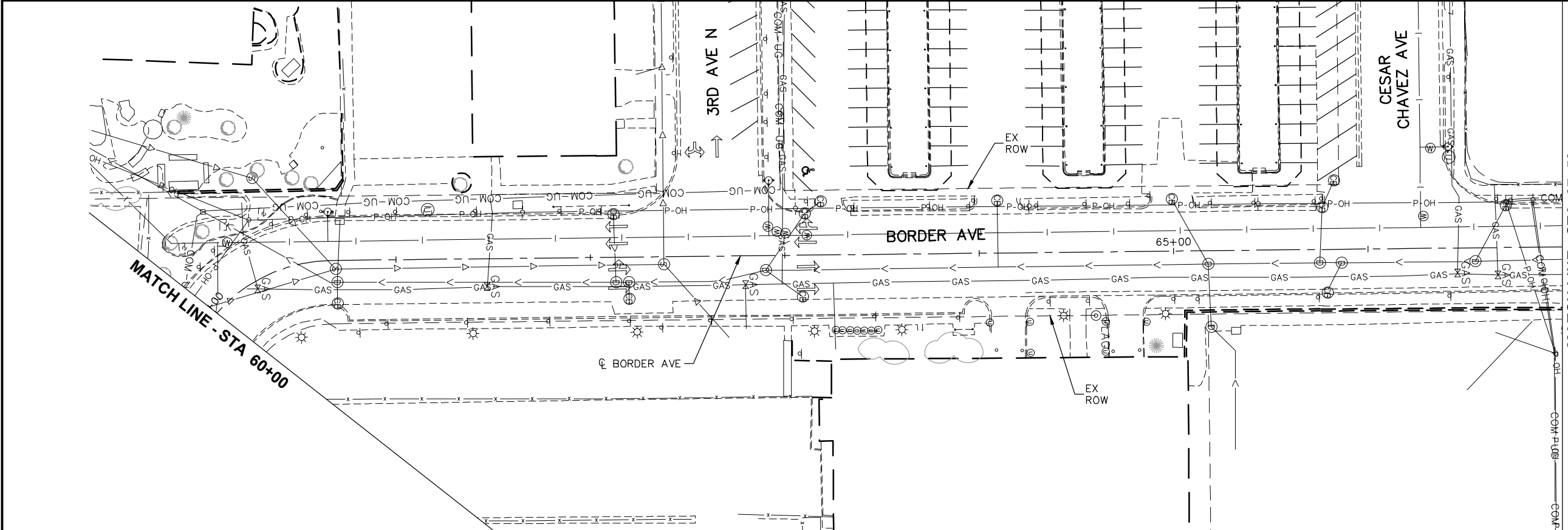
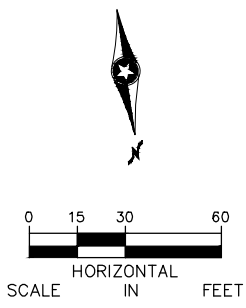
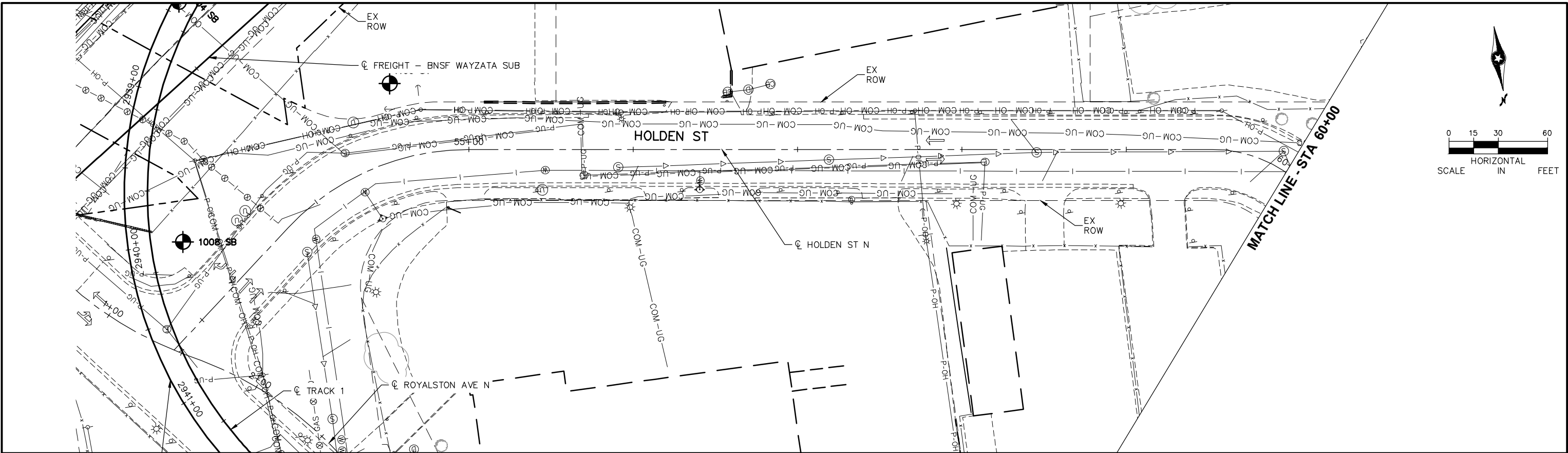
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DRAFT-WORK IN PROCESS

SHEET NAME: E4-SUR-PLN - 025

SHEET 102 OF 123

Sep. 16 2015 04:20 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573



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60% SUBMISSION - 09/28/15

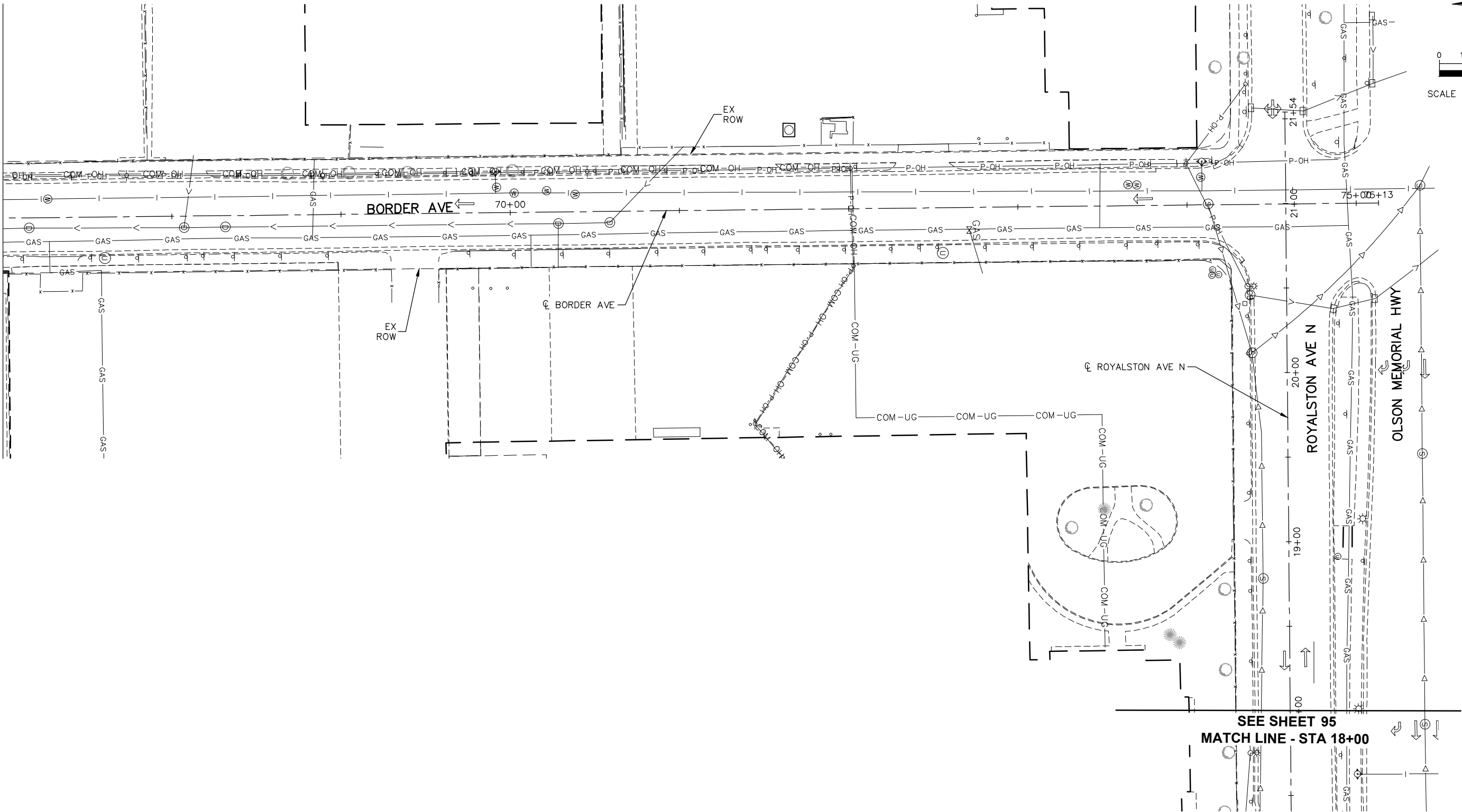
CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 52+77 TO STA 67+50

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 026

SHEET 103 OF 123

Sep. 16 2015 04:20 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573

MATCH LINE - STA 75+13.11



SEE SHEET 95
MATCH LINE - STA 18+00

DRAFT-WORK IN PROCESS

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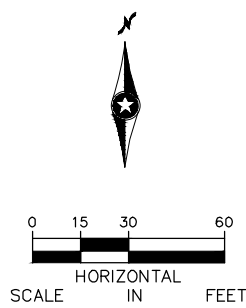
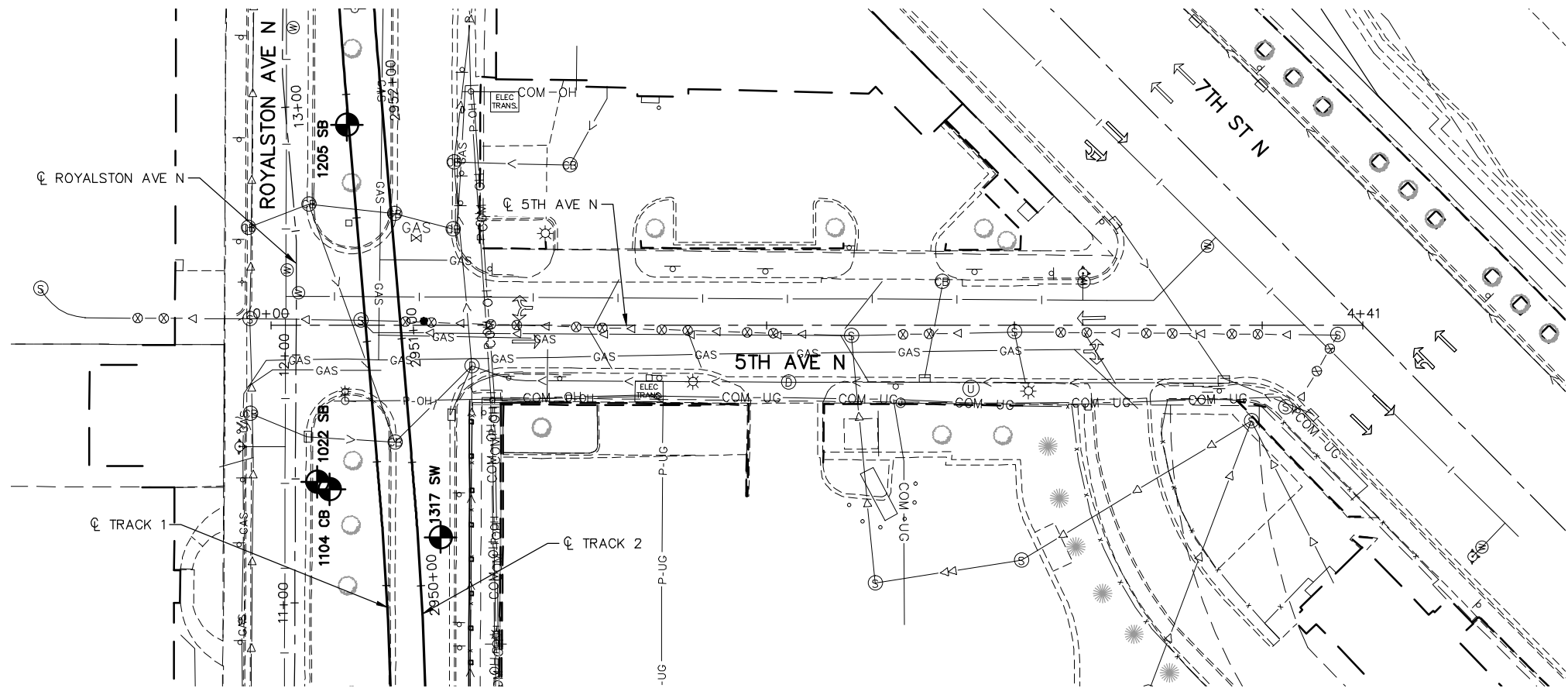


CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
STA 67+50 TO STA 75+13.11

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-PLN - 027

SHEET
104
OF
123

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CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
5TH AVE N

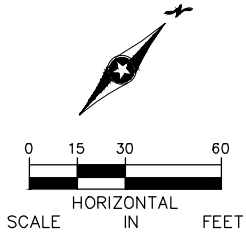
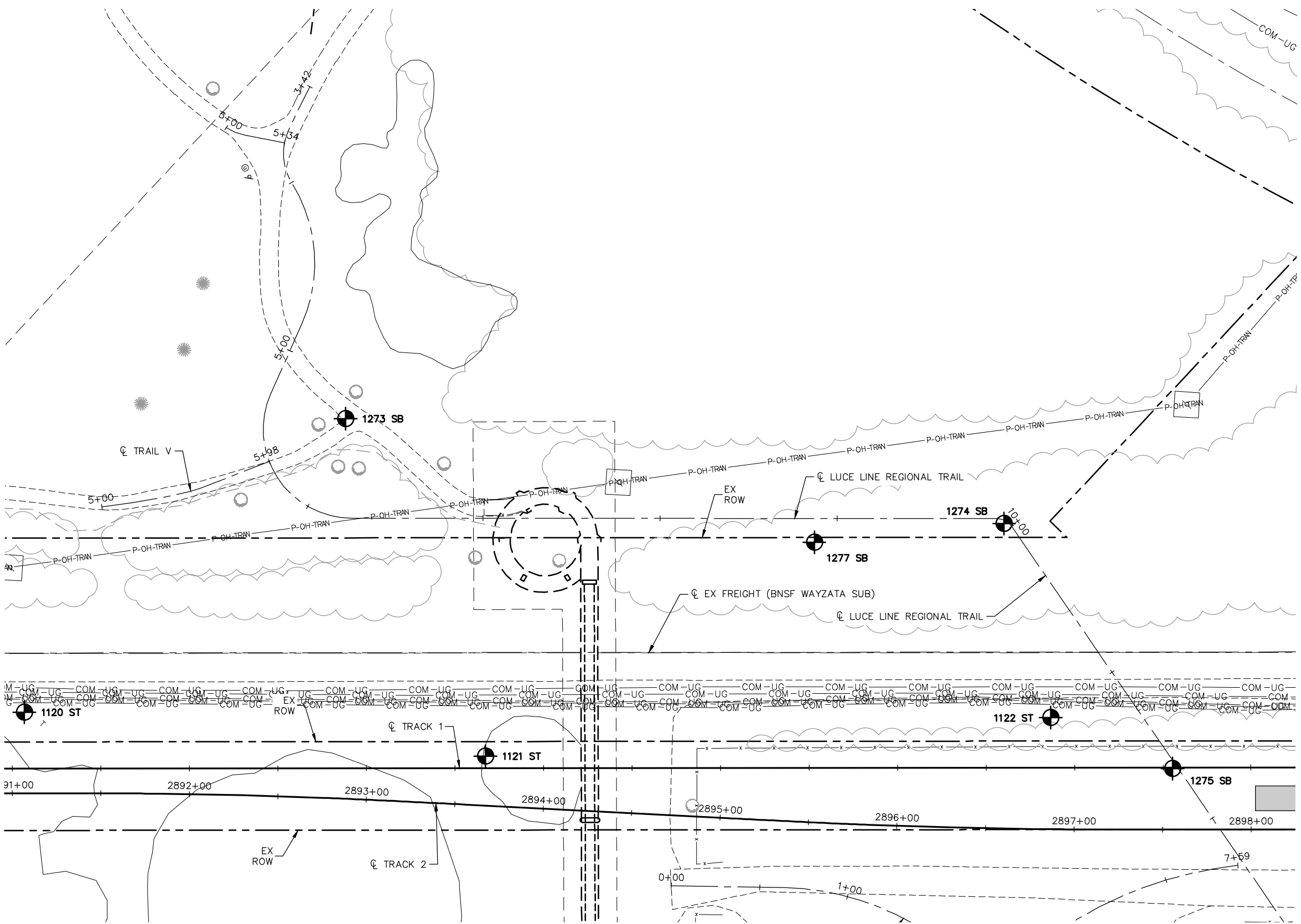
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SHEET 105 OF 123

DRAFT-WORK IN PROCESS

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60% SUBMISSION - 09/28/15

DISCIPLINE:

SURVEY

SHEET NAME:

E4-SUR-PLN - 029

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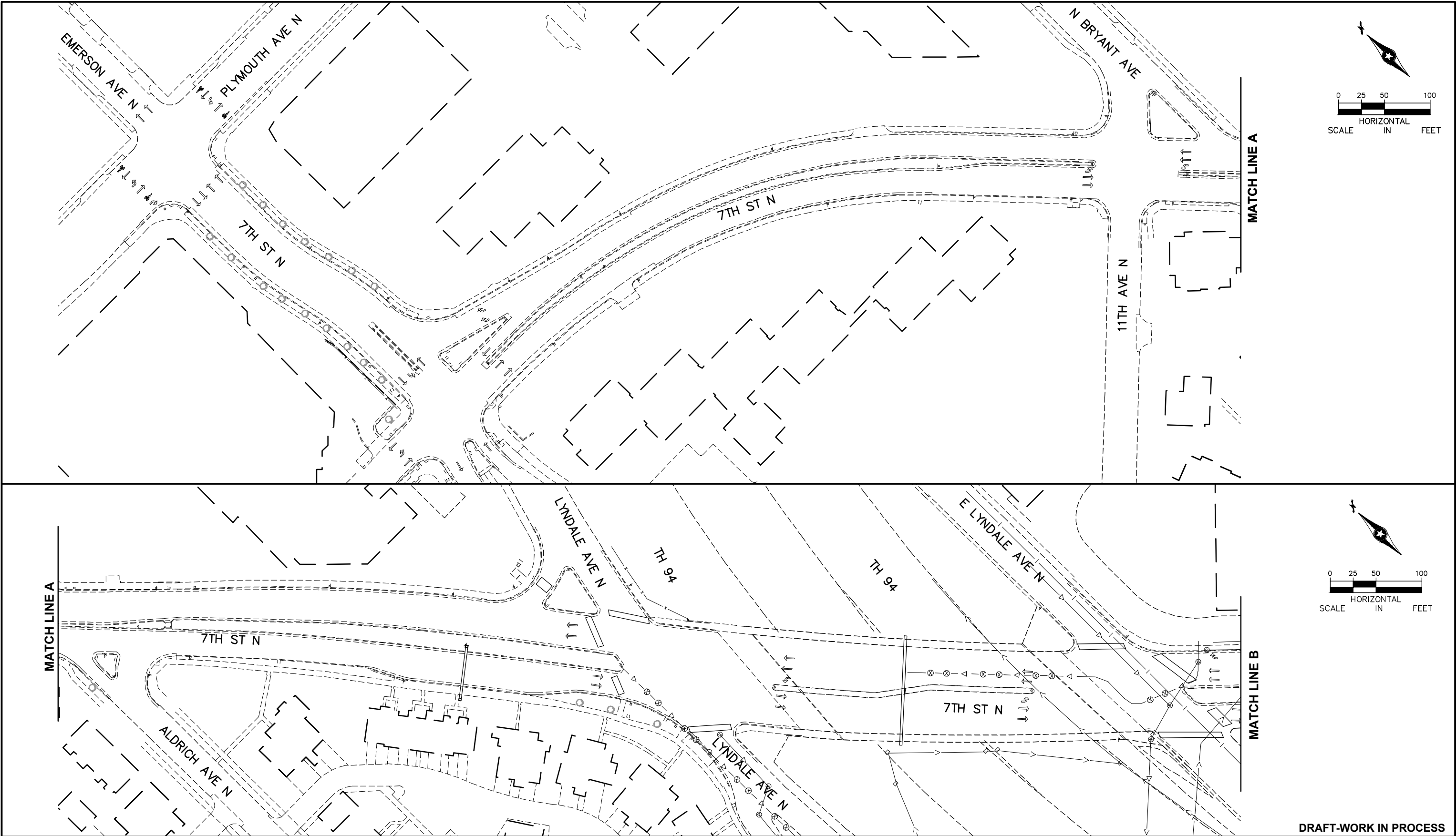
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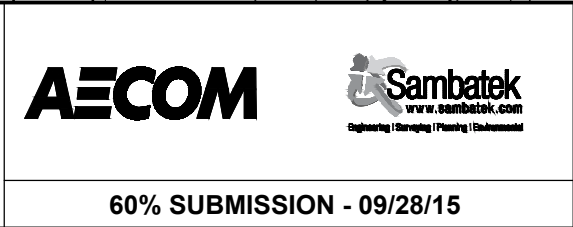
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DRAFT-WORK IN PROCESS

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PROTECTED BIKEWAY 1

DISCIPLINE: SURVEY

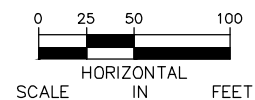
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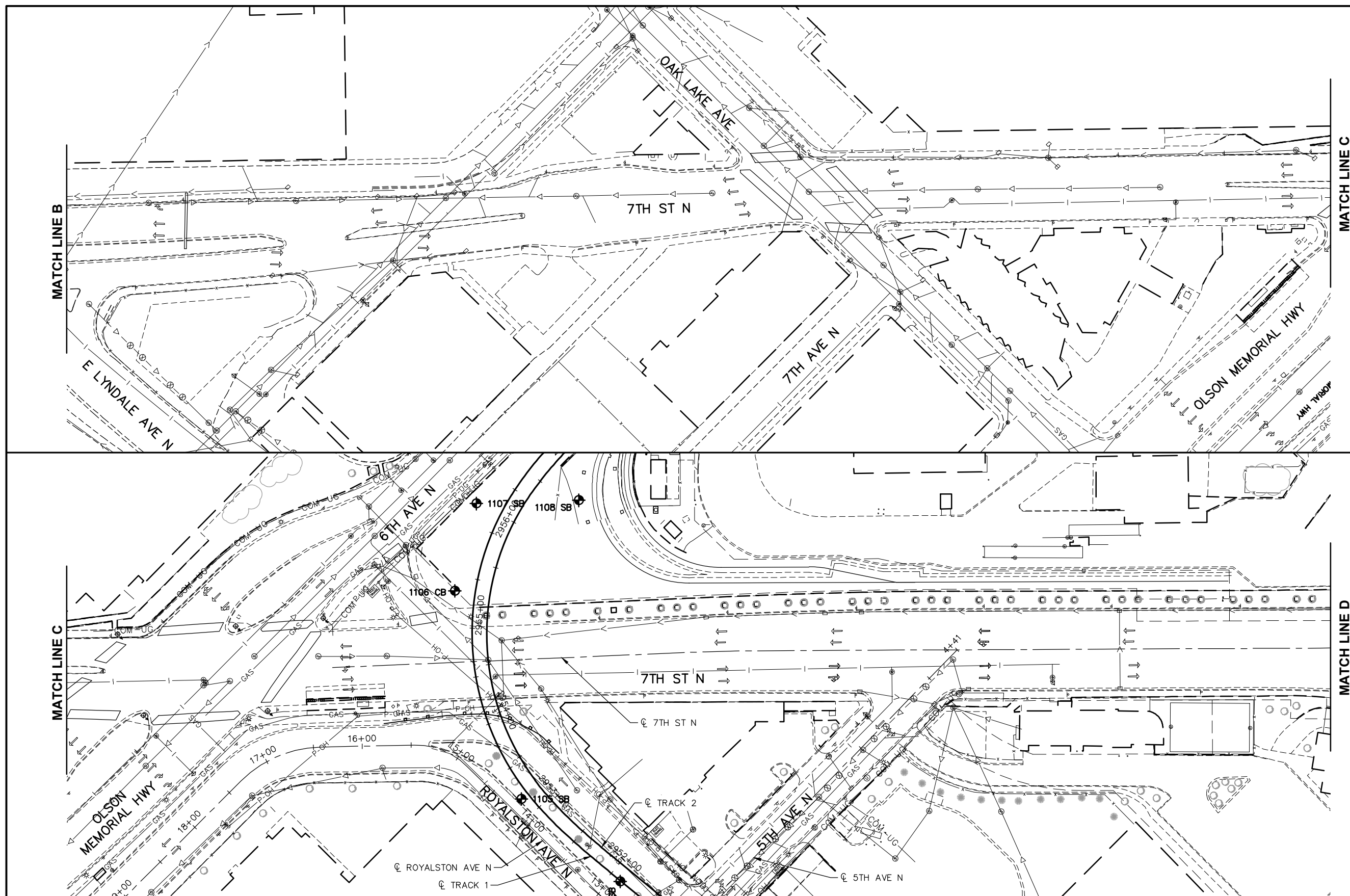
107

OF

123



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**CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PROTECTED BIKEWAY 2**

DISCIPLINE:

SURVEY

	SHEET NAME:
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E4-SUR-PLN - 031

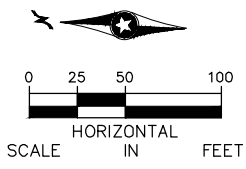
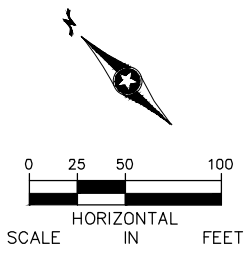
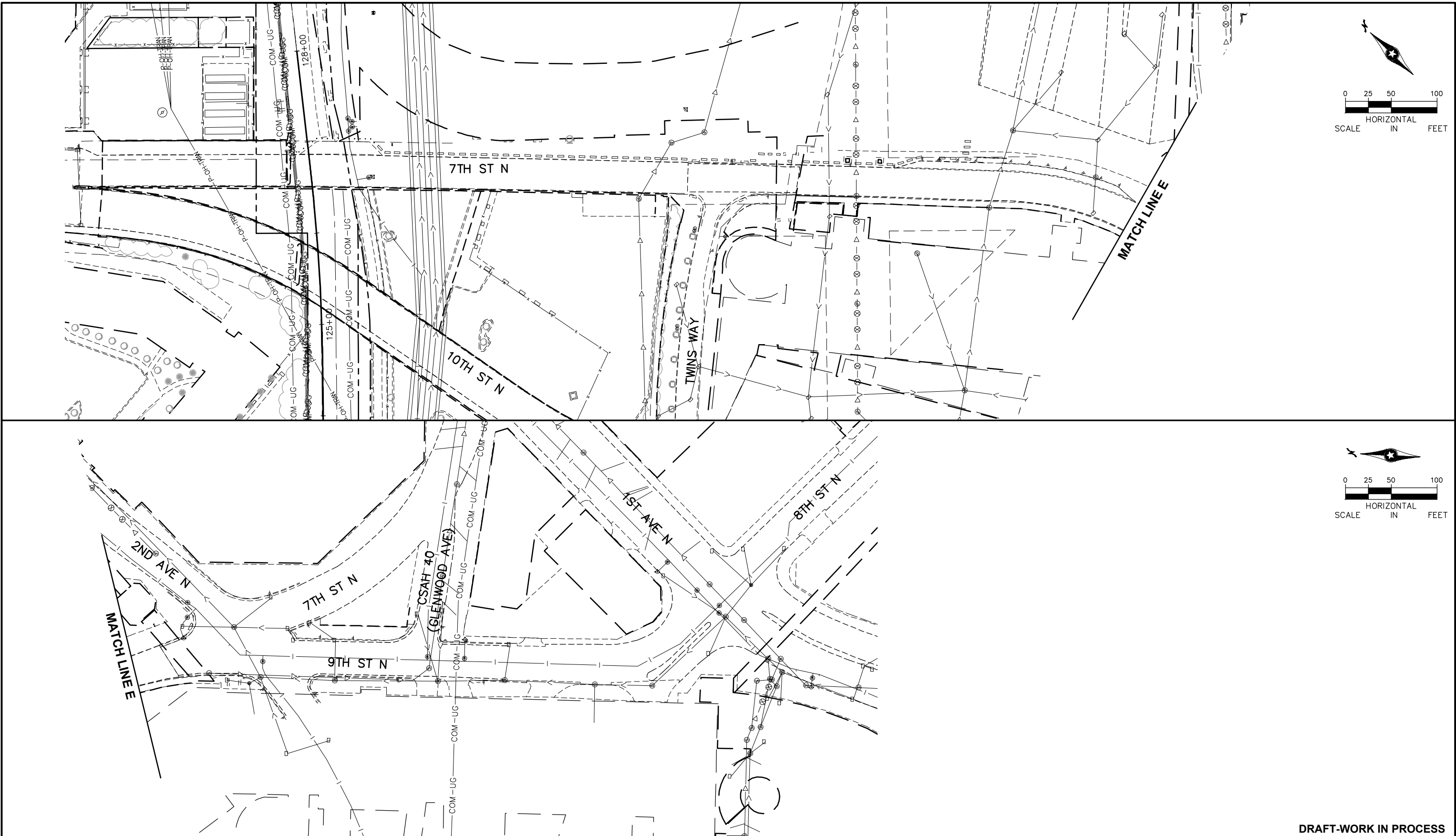
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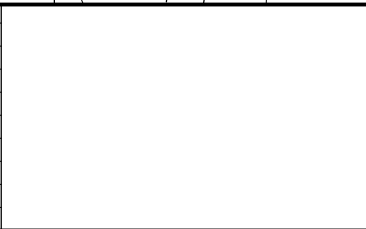
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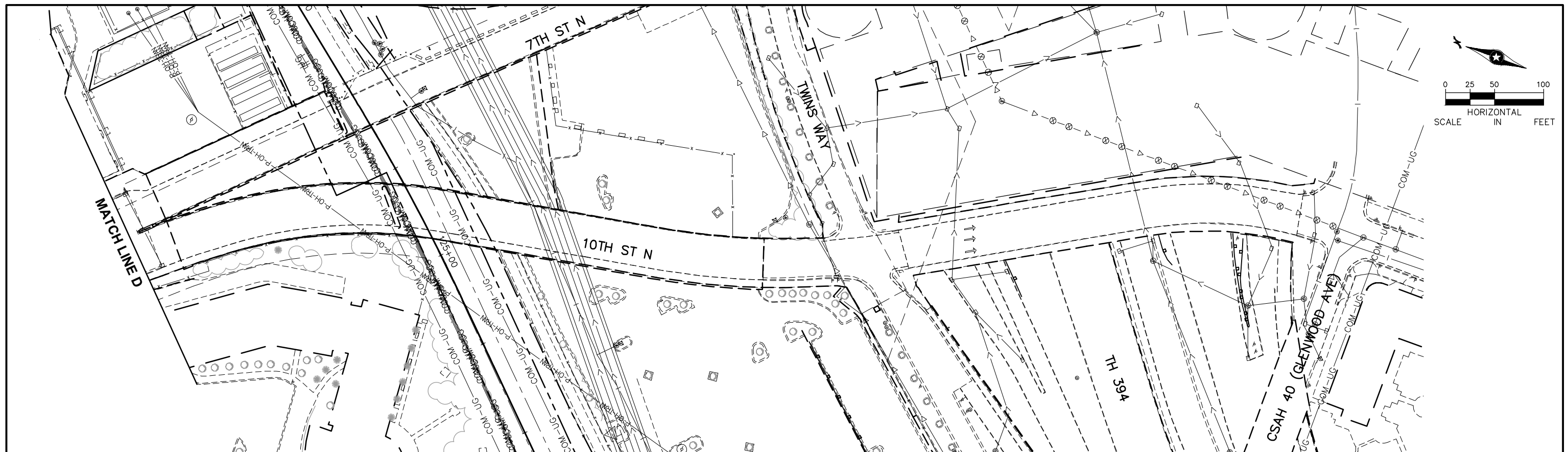
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SHEET NAME: E4-SUR-PLN - 032

CIVIL EAST - VOLUME 1
GENERAL
EXISTING CONDITIONS PLAN
PROTECTED BIKEWAY 3

DRAFT-WORK IN PROCESS

SHEET 109 OF 123



Sep, 16 2015 04:23 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-PLN.dwg By: 573

						DRAFT-WORK IN PROCESS						
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL					CIVIL EAST - VOLUME 1 GENERAL EXISTING CONDITIONS PLAN PROTECTED BIKEWAY 4		SHEET
					110							
					OF							
					123							
60% SUBMISSION - 09/28/15						DISCIPLINE: SURVEY		SHEET NAME: E4-SUR-PLN - 033				

Sep. 16 2015 04:23 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\EO-SUR-CTRL-IDX.dwg By: 573

Point Table				
Point #	Northing	Easting	Elevation	Description
50	147803.72	492997.59	925.20	NAIL IN WALK
51	147296.86	493041.40	924.63	1/2" PIPE W/ CAP
52	147457.54	493444.91	920.12	1/2" PIPE W/ CAP
53	149783.11	499410.13	918.88	SPIKE IN CONC.ISLAND
54	150249.30	499454.07	916.30	SPIKE IN WALK
55	150598.24	499375.94	914.34	SPIKE IN WALK
56	151747.10	504275.16	892.05	MAG NAIL IN BIT. ISLAND
57	152551.75	503890.55	893.52	NAIL IN CONC. ISLAND
58	153153.46	505103.84	912.16	1/2" PIPE W/ CAP
60	153902.36	506943.04	922.10	SPIKE IN WALK
61	153987.80	507459.25	914.44	TOP NUT HYDRANT
62	155207.09	511406.17	887.15	SPIKE IN WALK
63	155735.94	511126.66	888.82	MAG NAIL IN BIT. ISLAND
64	156199.11	511320.88	880.03	CP 64
65	156748.13	515073.56	874.88	TOP NUT HYDRANT
66	157066.04	515500.10	871.15	1/2" PIPE W/ CAP
67	157332.41	515573.29	900.57	MAG NAIL IN WALK
68	162065.52	517921.22	873.41	SPIKE IN CONC.
69	160820.23	517681.87	894.70	SPIKE IN CONC.
70	162053.75	518233.43	883.87	SPIKE IN CONC.

Point Table				
Point #	Northing	Easting	Elevation	Description
71	164784.02	518990.60	883.87	1/2" PIPE W/ CAP
72	165010.99	519354.33	878.63	MAG NAIL IN CONC.
73	164981.51	519784.70	868.05	MAG NAIL IN PED BRIDGE
74	167691.23	523787.15	822.45	1/2" PIPE W/ CAP
76	167634.47	523653.72	819.93	IRON PIPE
77	168719.56	526300.32	849.53	1/2" PIPE W/ CAP
78	168845.25	526108.98	851.67	1/2" PIPE W/ CAP
79	168863.92	525748.91	837.08	MAG NAIL IN WALK
80	148003.36	495053.47	923.03	LARGE SPIKE
81	147981.12	495437.89	922.07	LARGE SPIKE
82	170339.14	525851.45	832.55	MAG NAIL IN WALK
83	170329.54	525453.40	828.36	SPIKE IN BACK OF CURB
84	168518.87	525610.67	844.15	SPIKE IN WALK
85	148080.97	495381.24	922.35	MAG NAIL IN BIT. PATH
86	157268.46	515433.01	874.55	MAG NAIL IN BIT PATH
87	161338.52	517727.72	864.02	MAG NAIL IN BIT. PATH
88	160917.15	517712.96	865.88	MAG NAIL IN BIT PATH
89	164900.15	519989.73	848.56	MAG NAIL IN BIT PATH
90	165195.52	520795.95	840.08	MAG NAIL IN BIT PATH
91	165063.04	520475.13	843.57	MAG NAIL IN BIT. PATH

Point Table				
Point #	Northing	Easting	Elevation	Description
94	148101.27	495311.47	923.38	LARGE SPIKE
95	152190.79	504031.01	887.47	LARGE SPIKE
96	150917.04	501306.42	913.20	MAG NAIL IN BIT.
97	150966.60	501408.21	912.78	MAG NAIL IN BIT.
98	164593.72	519411.98	853.64	MAG NAIL IN BIT. PATH
99	148504.58	496237.41	920.01	MAG NAIL IN BIT.
100	148866.38	496673.90	921.79	MAG NAIL IN BIT. PATH
101	155648.11	511235.02	886.78	1/2" PIPE W/ CAP
102	156272.14	513588.70	883.42	1/2" PIPE W/ CAP
103	156338.34	514155.56	880.40	1/2" PIPE W/ CAP
104	157762.81	515869.76	871.62	1/2" PIPE W/ CAP
105	158678.79	516297.37	873.75	MAG NAIL IN BIT. PATH
106	162004.27	517707.75	866.40	1/2" PIPE W/ CAP
107	162688.55	517804.72	868.12	1/2" PIPE W/ CAP
108	163531.76	518305.19	861.02	SPIKE IN BIT. PATH
112	160249.76	517503.88	867.26	MAG NAIL IN BIT PATH
113	164973.60	519008.24	876.37	CUT CROSS IN CONC. ISLAND
115	165191.46	518300.44	880.49	CP 1/2" W/CAP
116	165378.10	519337.76	880.52	MAG NAIL IN WALK
117	165140.44	518963.43	872.67	1/2" PIPE W/ CAP

Point Table				
Point #	Northing	Easting	Elevation	Description
150	160525.63	517639.90	866.11	MAG NAIL IN BIT. PATH
151	160775.49	517820.23	865.64	SPIKE
152	160196.77	517477.76	868.02	SPIKE IN BIT. PATH
153	168151.98	525117.22	823.10	MAG NAIL IN BIT. PATH
154	166512.10	522182.52	838.49	DRILL HOLE IN CONC.
155	166200.34	522480.63	841.33	DRILL HOLE IN CONC.
156	168187.84	525166.47	823.27	MAG NAIL IN BIT. PATH
157	168084.12	524994.65	822.30	MAG NAIL IN BIT. PATH
158	168015.53	524875.04	822.56	MAG NAIL IN BIT.
159	167933.08	524729.12	822.72	MAG NAIL IN BIT.
162	168430.42	525688.95	822.47	MAG NAIL IN BIT. PATH
163	168527.62	525863.31	822.94	MAG NAIL IN BIT. PATH
165	153502.80	505502.55	914.95	1/2" PIPE W/ CAP
167	151921.95	505886.04	899.33	1/2" PIPE W/ CAP
170	152946.50	505533.45	912.98	MAG NAIL IN BIT PATH
175	152982.35	505138.46	896.03	MAG NAIL IN BIT.
176	155760.74	511408.49	886.84	MAG NAIL IN BIT. PATH
177	156091.81	512264.50	887.43	MAG NAIL IN BIT. PATH
178	168825.29	526461.70	842.85	1/2" PIPE W/ CAP
179	156282.82	513324.58	885.66	MAG NAIL IN BIT. PATH

Point Table				
Point #	Northing	Easting	Elevation	Description
180	156943.11	515118.61	875.87	MAG NAIL IN BIT. PATH
181	158378.12	516184.61	874.01	MAG NAIL IN BIT PATH
182	159045.47	516509.37	872.80	SPIKE
183	159916.74	517227.56	869.09	MAG NAIL IN BIT. PATH
184	160069.02	517359.05	867.99	MAG NAIL IN BIT. PATH
185	169979.72	525948.03	830.32	SPIKE
188	148272.10	495855.92	921.26	MAG NAIL IN BIT. PATH
190	156137.69	512537.72	887.63	ROD INSIDE 2" PIPE
192	159258.76	516679.66	872.56	MAG NAIL IN BIT. PATH
193	164153.67	518695.30	856.58	1/2" PIPE W/ CAP
254	170118.88	525333.75	827.47	1/2" W/CAP
255	169791.42	525397.27	826.29	1/2" W/CAP
256	170382.26	525636.60	831.56	1/2" W/CAP
257	168796.94	525927.78	842.02	1/2" W/CAP
258	161307.56	517884.90	869.92	1/2" W/CAP
259	165634.38	519336.38	874.83	1/2" W/CAP
260	168457.50	522736.13	807.50	1/2" W/CAP
261	168184.26	522715.29	808.88	1/2" W/CAP
262	169010.87	522690.77	815.45	1/2" W/CAP
263	169368.54	522785.88	814.97	1/2" W/CAP

Point Table				
Point #	Northing	Easting	Elevation	Description
264	166431.61	522798.47	823.85	1/2" W/CAP
265	166071.49	523088.01	820.15	1/2" W/CAP
266	165962.80	523328.89	820.90	1/2" W/CAP
267	165949.34	523748.73	816.84	1/2" W/CAP
276	171030.39	525137.04	821.26	MAG NAIL IN CONC
277	171290.50	524881.68	823.02	MAG NAIL IN CONC
278	171613.40	524627.03	837.57	MAG NAIL IN CONC
279	171862.34	524268.29	841.78	1/2" IP W/ CAP
280	172480.60	523864.68	831.36	MAG NAIL IN CONC
281	172730.05	523552.93	834.68	MAG NAIL IN CONC
282	172868.39	523144.60	844.14	MAG NAIL IN CONC

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CIVIL EAST - VOLUME 1

GENERAL

SURVEY CONTROL STATIONS

INDEX

DISCIPLINE:

SURVEY

SHEET NAME:

E0-SUR-CTRL-IDX - 001

DRAFT-WORK IN PROCESS

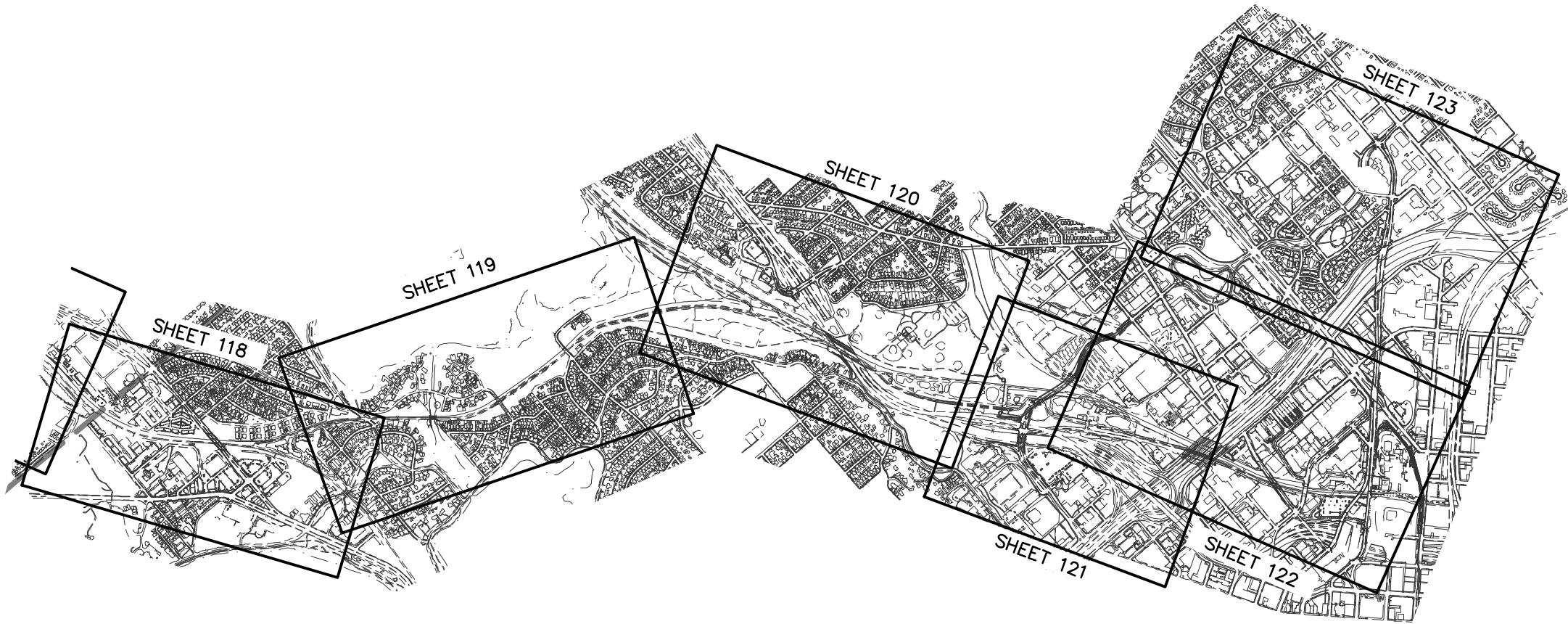
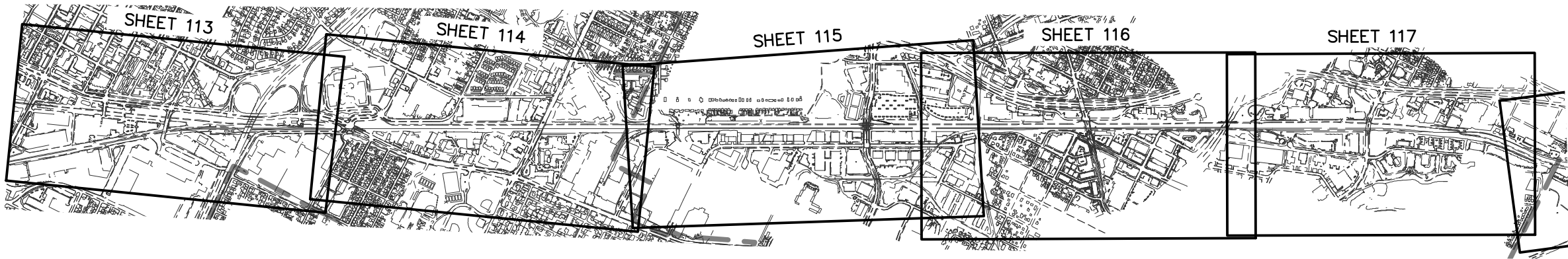
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111

OF

123

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CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN
PLAN SHEET LAYOUT

DISCIPLINE:

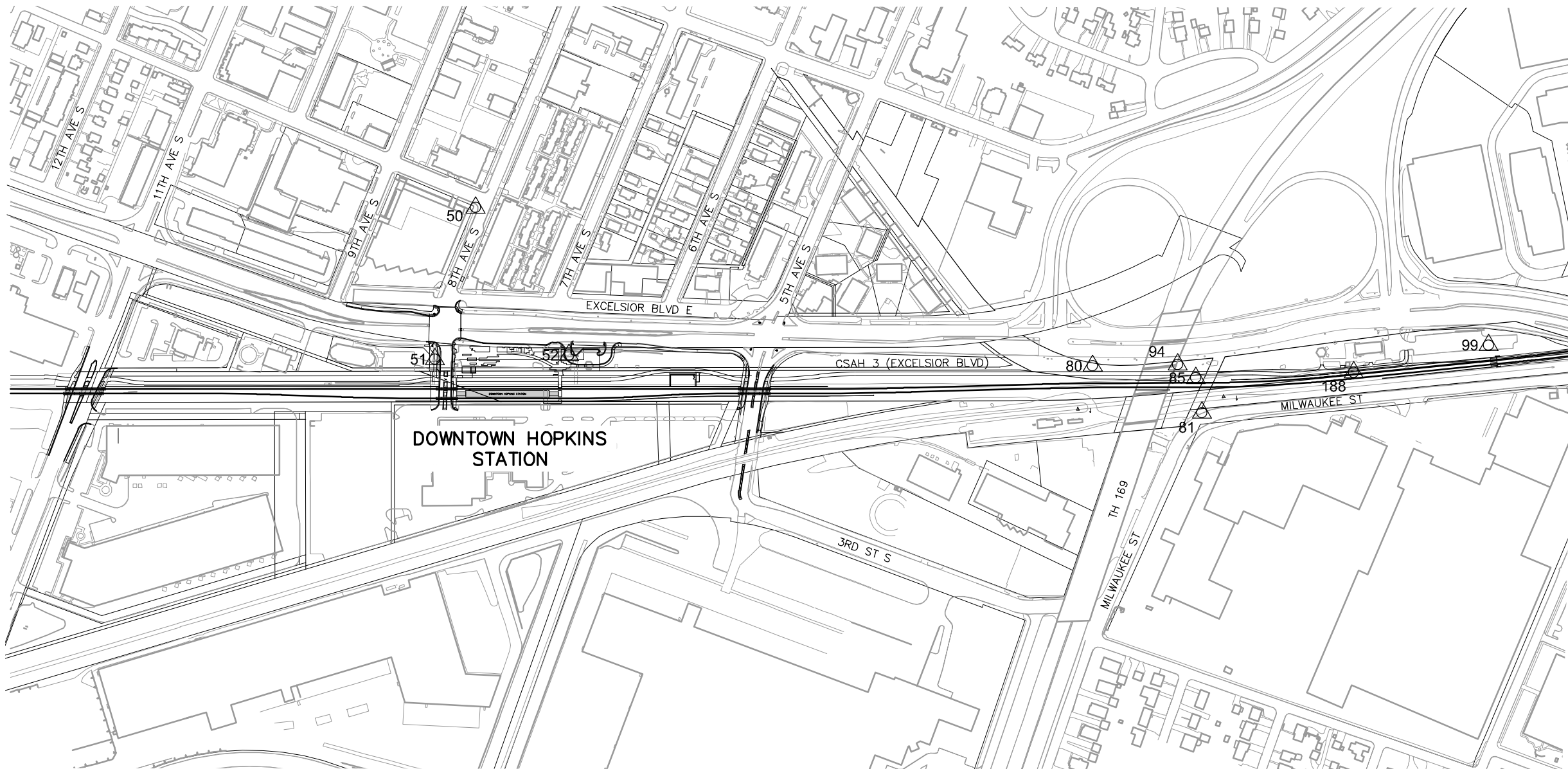
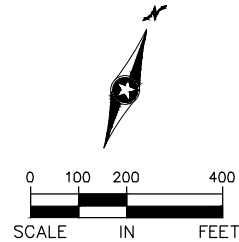
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SHEET
112
OF
123

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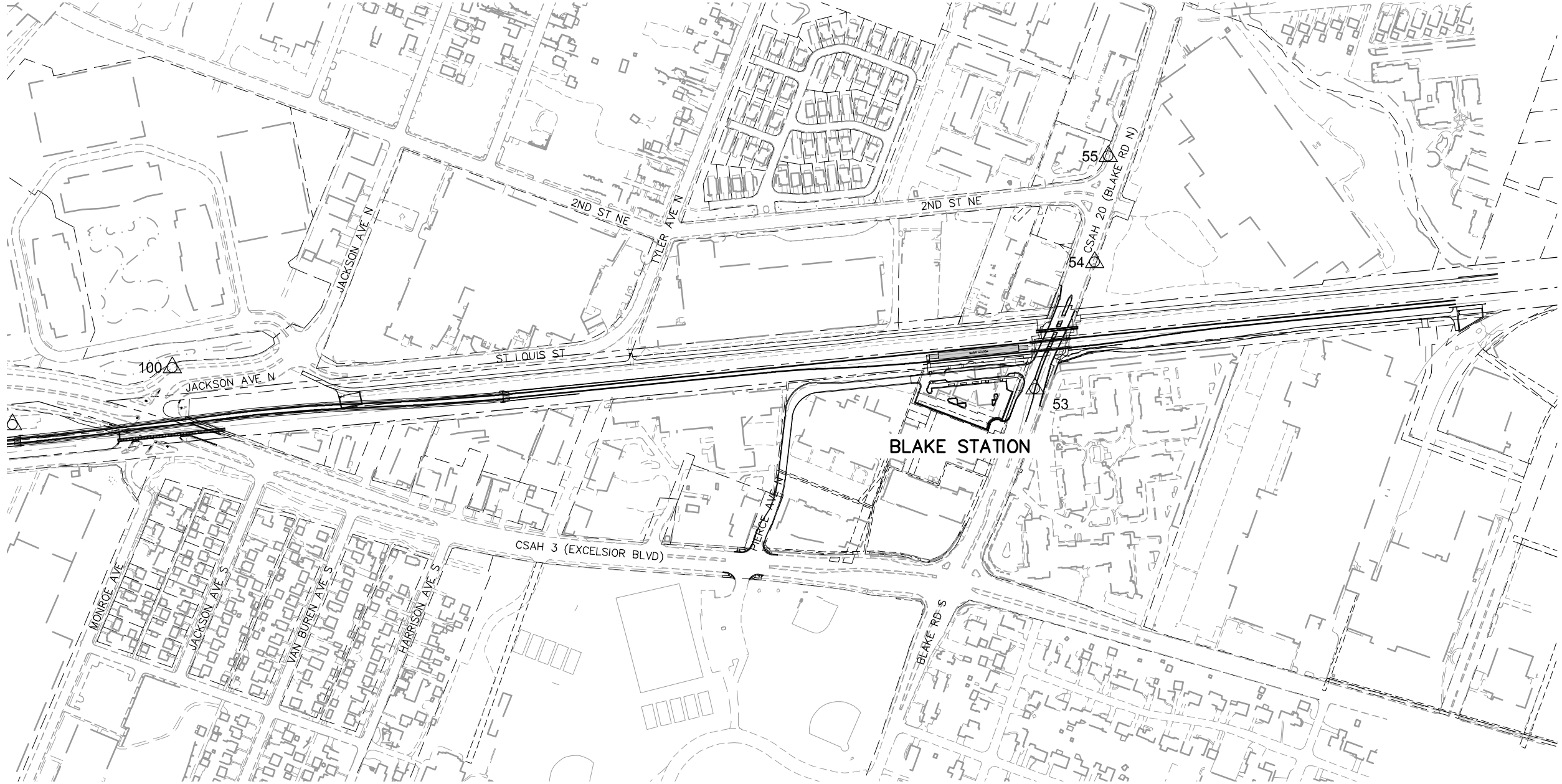


CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 1

DISCIPLINE: SURVEY	SHEET NAME: E1-SUR-CTL - 001
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SHEET
113
OF
123

Sep, 16 2015 04:26 pm v:\3400_ADC\CAD\CAD\00_EAST\PLANSHEETS\GENERAL\E1-SUR-CTL.dwg By: 573



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60% SUBMISSION - 09/28/15

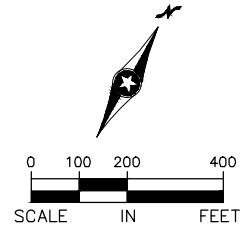
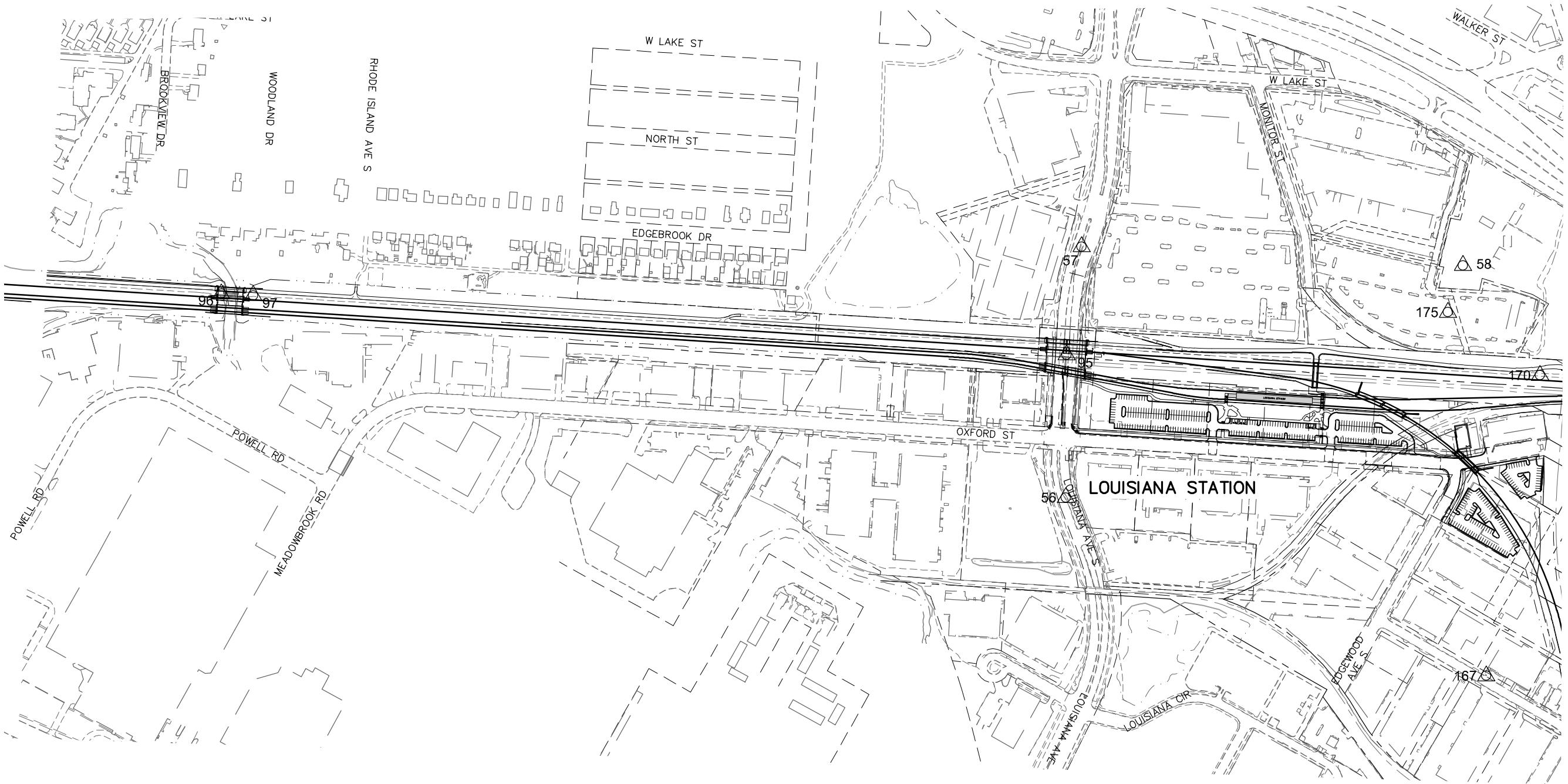


CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 2

DISCIPLINE:	SURVEY	SHEET NAME:	E1-SUR-CTL - 002
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SHEET
114
OF
123

Sep. 16 2015 04:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-CTL.dwg By: 573



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60% SUBMISSION - 09/28/15

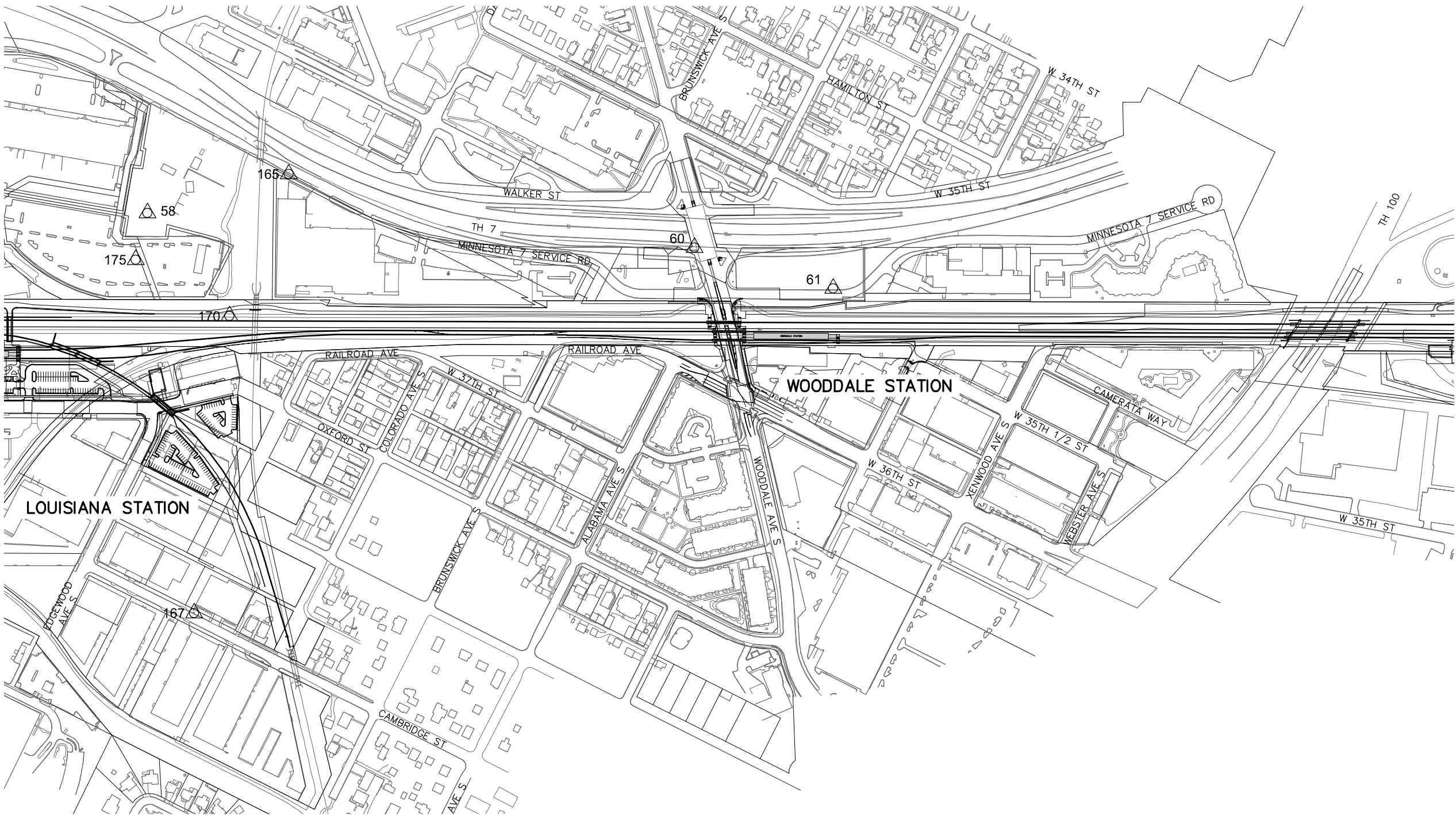


CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 3

DISCIPLINE:	SURVEY	SHEET NAME:	E2-SUR-CTL - 001
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SHEET
115
OF
123

Sep. 16 2015 04:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E2-SUR-CTL.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



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CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 4

DISCIPLINE:

SURVEY

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E2-SUR-CTL - 002

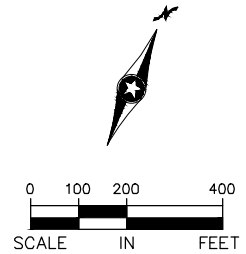
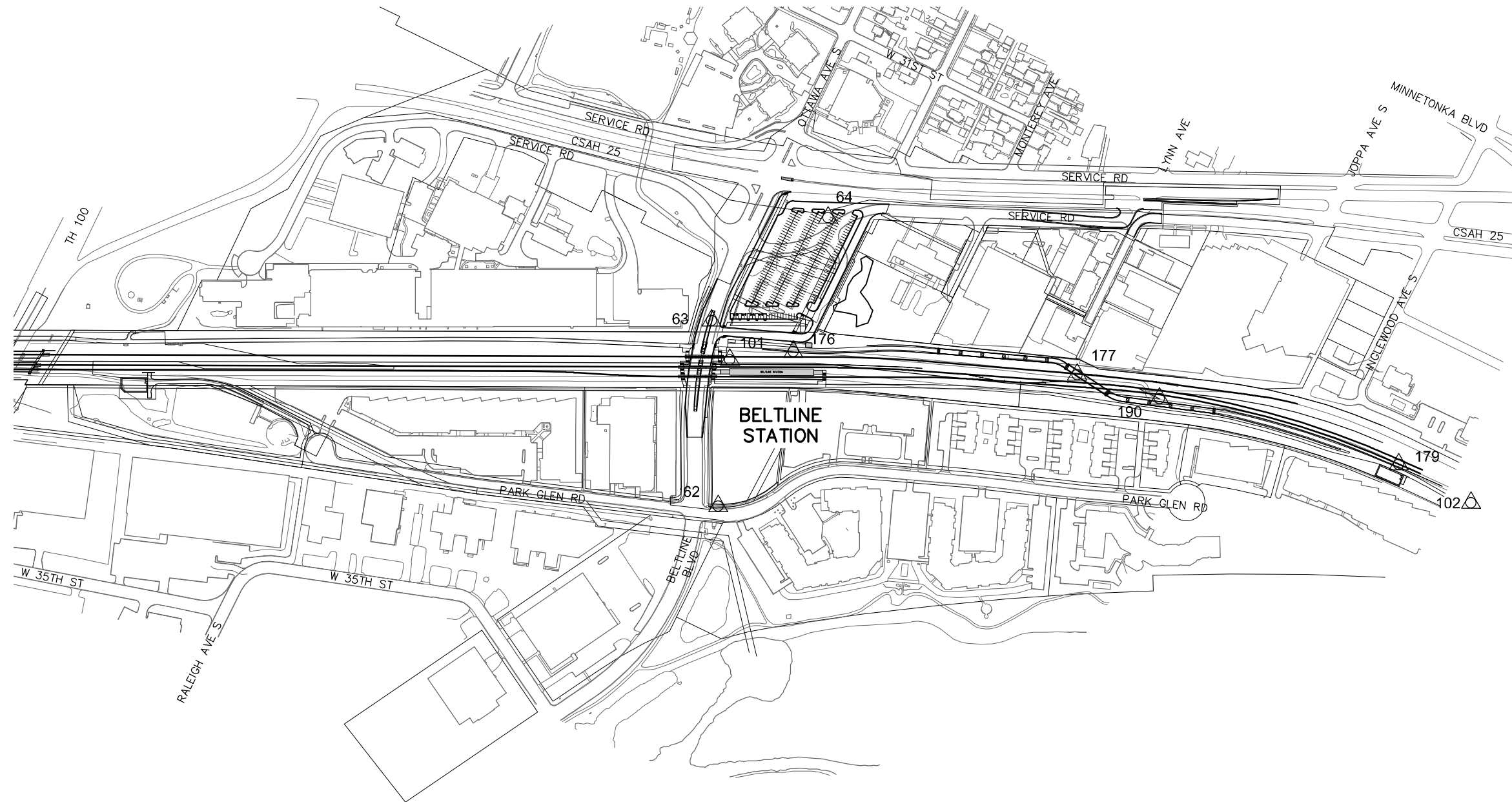
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116

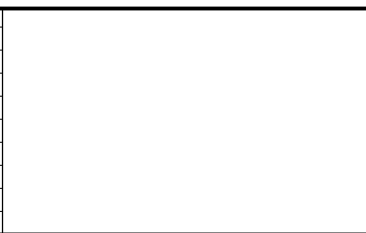
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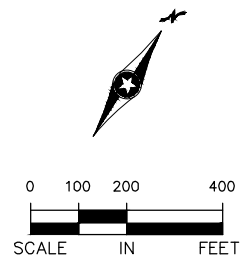
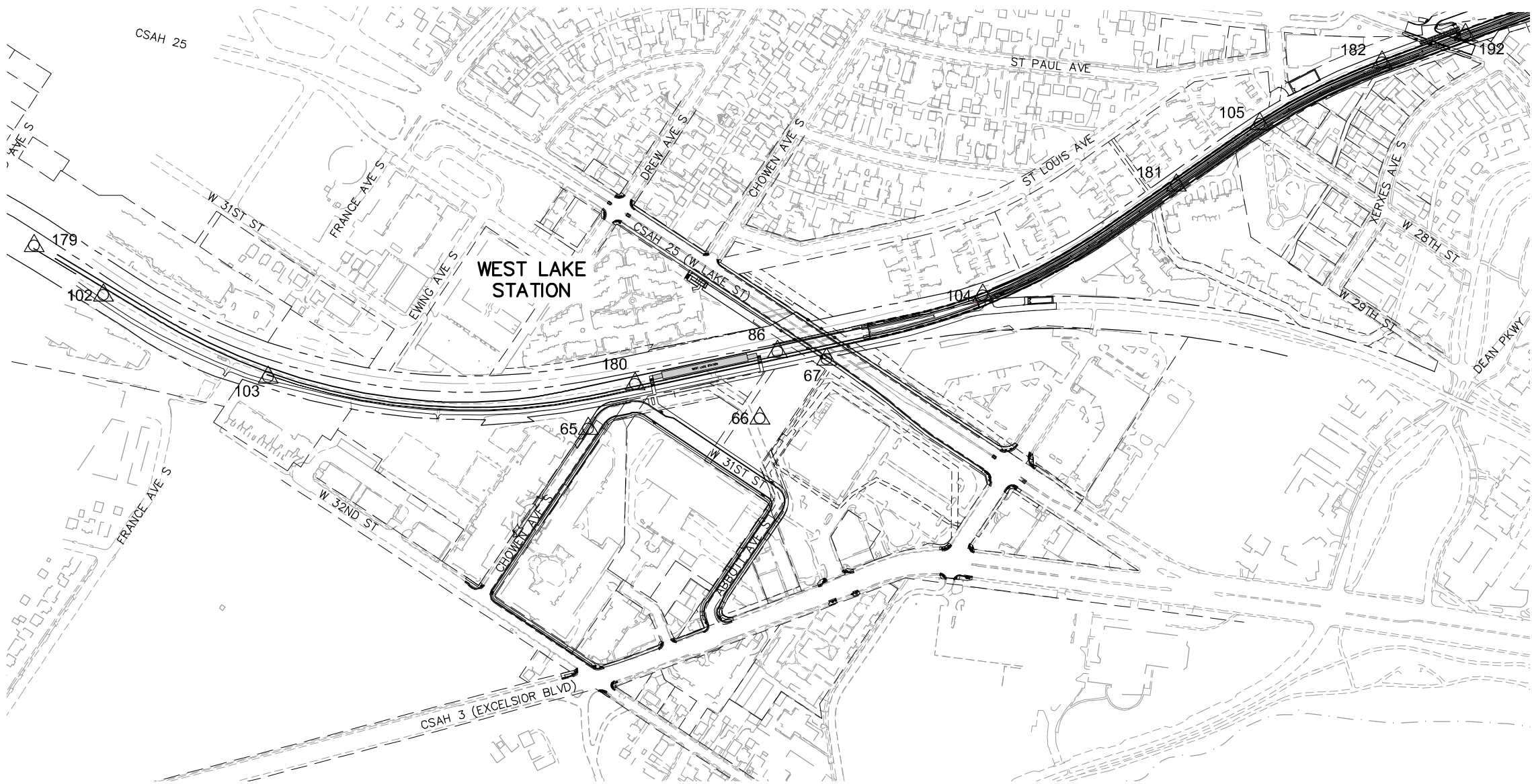
CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 5

DISCIPLINE: SURVEY

SHEET NAME: E2-SUR-CTL - 003

SHEET
117
OF
123

Sep, 16 2015 04:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-CTL.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15



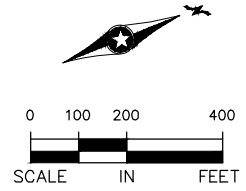
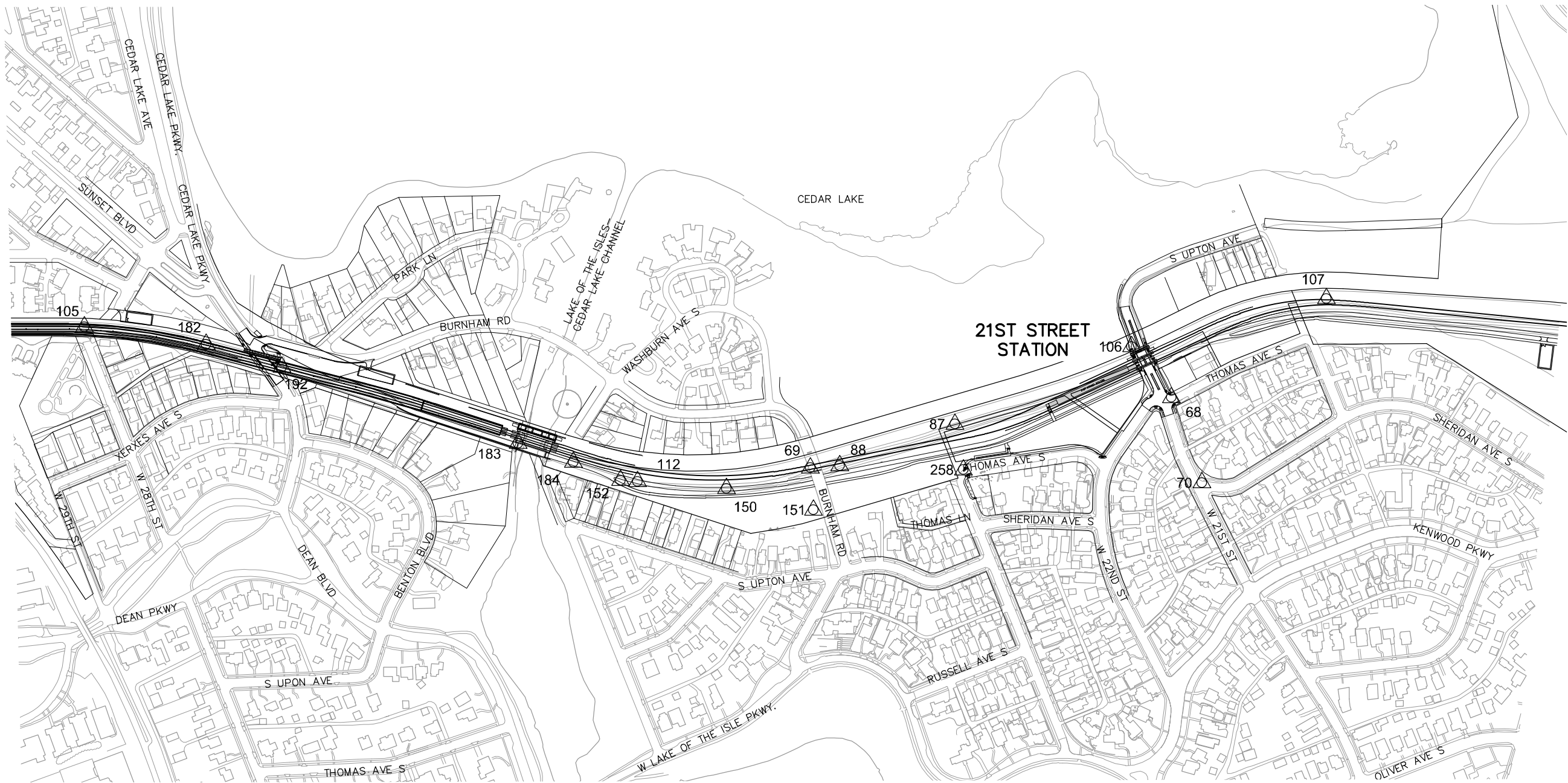
CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 6

DISCIPLINE: SURVEY

SHEET NAME: E3-SUR-CTL - 001

SHEET
118
OF
123

Sep. 16 2015 04:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E3-SUR-CTL.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL





60% SUBMISSION - 09/28/15

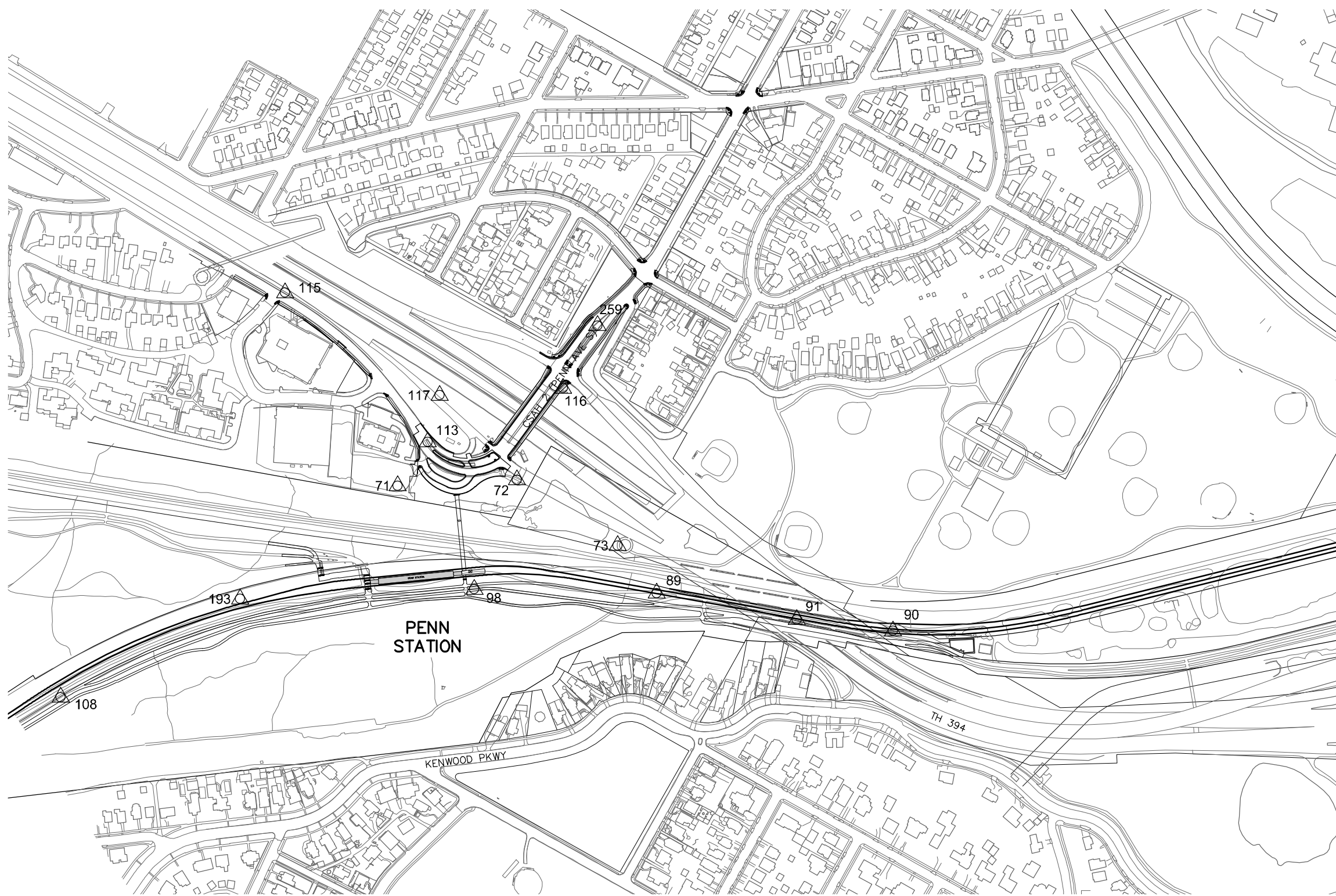
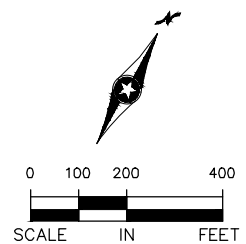


CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 7

DISCIPLINE:	SURVEY	SHEET NAME:	E3-SUR-CTL - 002
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SHEET
119
OF
123

Sep, 16 2015 04:28 pm v:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-CTL.dwg By: 573



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL



60% SUBMISSION - 09/28/15

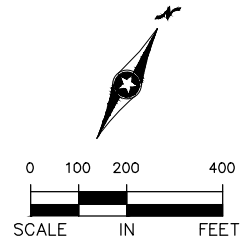
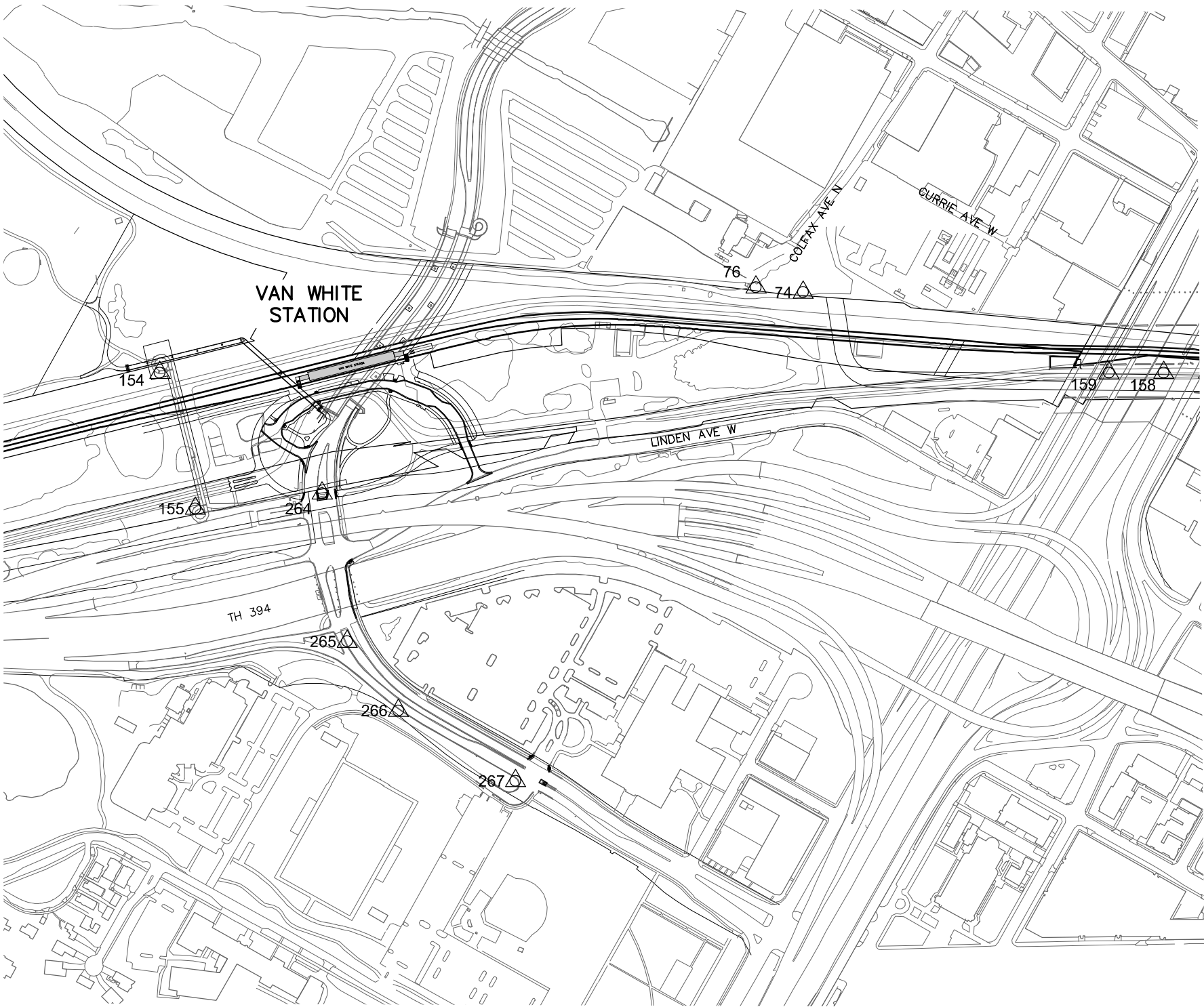
CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 8

DISCIPLINE: SURVEY

SHEET NAME: E4-SUR-CTL - 001

SHEET
120
OF
123

Sep, 16 2015 04:28 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-CTL.dwg By: 573



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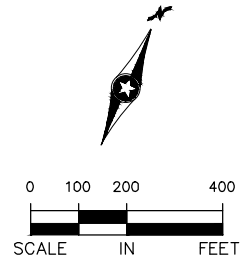
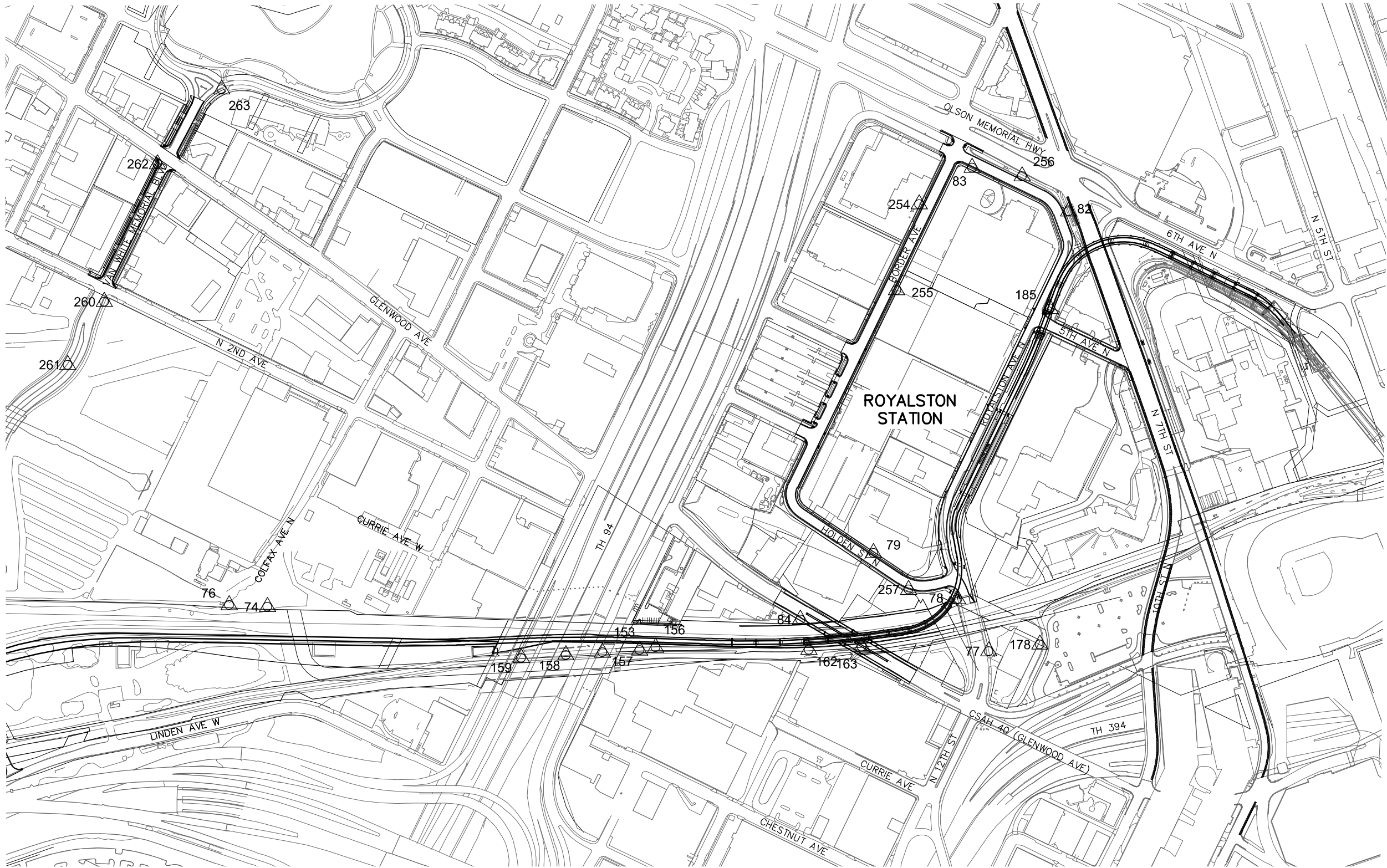
CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 9

DISCIPLINE: SURVEY

SHEET NAME: E4-SUR-CTL - 002

SHEET
121
OF
123

Sep. 16 2015 04:28 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\GENERAL\E4-SUR-CTL.dwg By: 573



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CIVIL EAST - VOLUME 1
GENERAL
SURVEY CONTROL STATIONS PLAN 10

DISCIPLINE: SURVEY
SHEET NAME: E4-SUR-CTL - 003

SHEET 122 OF 123

