

### LEGEND

---	PROPERTY LINE
SD	EXISTING STORM DRAIN LINE
W	EXISTING WATER LINE
SS	EXISTING SANITARY LINE
E	EXISTING ELECTRIC LINE
W	PROPOSED WATER LINE
SS	PROPOSED SANITARY LINE
E	PROPOSED ELECTRIC LINE
SD	PROPOSED STORM DRAIN LINE

### SEWER

- (S1) BUILDING POINT OF CONNECTION (5-FT FROM BUILDING FACE). REFER TO MEP PLANS FOR CONTINUATION.
- (S2) INSTALL 4" SDR-PVC SEWER LATERAL.
- (S3) INSTALL 4" SDR-PVC BEND WITH SANITARY SEWER CLEANOUT.
- (S4) POINT OF CONNECTION FOR SANITARY SEWER LINE.

### STORM DRAIN

- (D1) PROPOSED 8" STORM DRAIN PIPE.
- (D2) PROPOSED CONNECTION FOR CANOPY ROOF DRAINAGE.
- (D3) PROPOSED ROOF DRAIN CONNECTION.
- (D4) PROPOSED TYPE A CATCH BASIN PER M.A.G. STANDARD DETAIL 530.
- (D5) PROPOSED ENVIBRO 80 FILTRATION SYSTEM.
- (D6) PROPOSED DRYWELL.

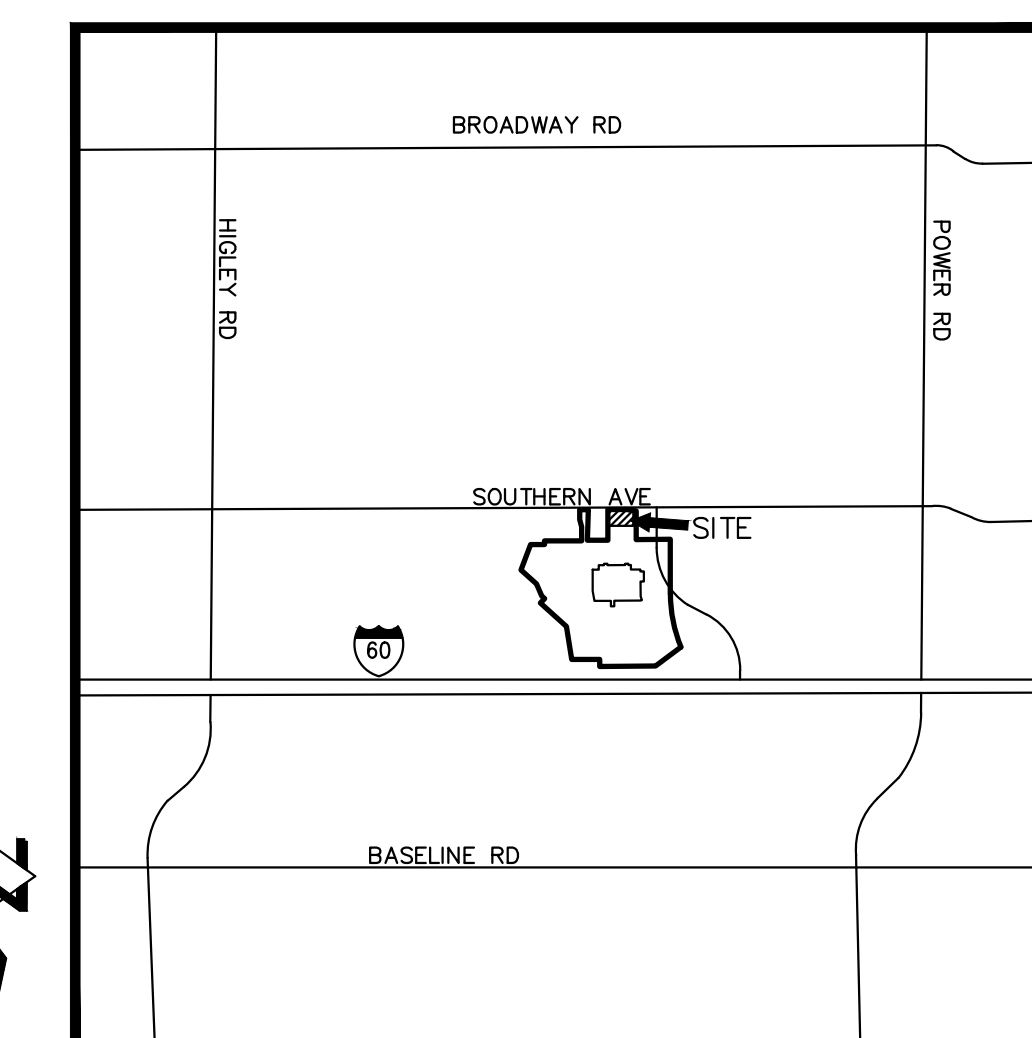
### DOMESTIC WATER

- (W1) 2" BUILDING POINT OF CONNECTION (5-FT FROM BUILDING FACE). REFER TO PLUMBING PLANS FOR CONTINUATION.
- (W2) INSTALL 2" SCHEDULE 40 DOMESTIC WATER PIPE.
- (W3) INSTALL 2" SCHEDULE 40 90° BEND.
- (W4) POINT OF CONNECTION FOR WATER LINE.

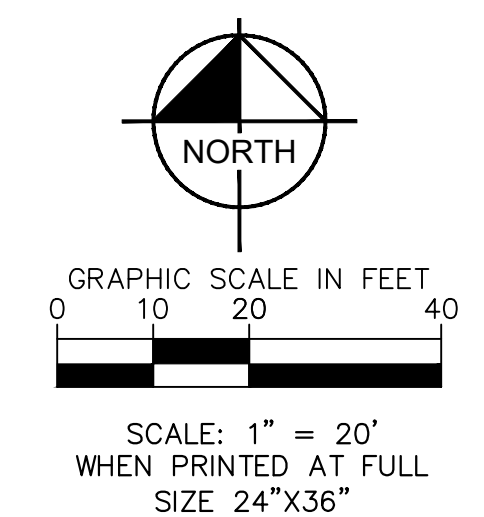
### OTHER UTILITY NOTES

- (O1) PROPOSED UTILITY CROSSING.
- (O2) PROPOSED AIR PEDESTAL.
- (O3) 1" CONDUIT TO AIR PEDESTAL.
- (O4) PROPOSED TRANSFORMER.
- (O5) PROPOSED CONDUIT FOR 400 AMP ELECTRIC SERVICE. REFER TO UTILITY COMPANY PLAN/REQUIREMENTS FOR MORE INFORMATION.
- (O6) PROPOSED ELECTRIC CONDUIT TIE INTO EXISTING SERVICE.
- (O7) PROPOSED FIBER OPTIC CONDUIT 3" DIRECTIONAL BORE OR APPROVED EQUAL WITH PULL BOXES EVERY 300' TO EXISTING WALMART SUPERCENTER FROM KIOSK.
- (O8) PROPOSED STANDARD ELECTRICAL SYSTEM.
- (O9) PROPOSED VAPOR RECOVERY UTILITY.

**WALMART FUEL STATION - STORE #1646**  
**6131 E SOUTHERN AVE, MESA AZ 85206**  
**FINAL DESIGN CIVIL UTILITY PLAN**



VICINITY MAP  
NOT TO SCALE



Exp. Date 06/30/27

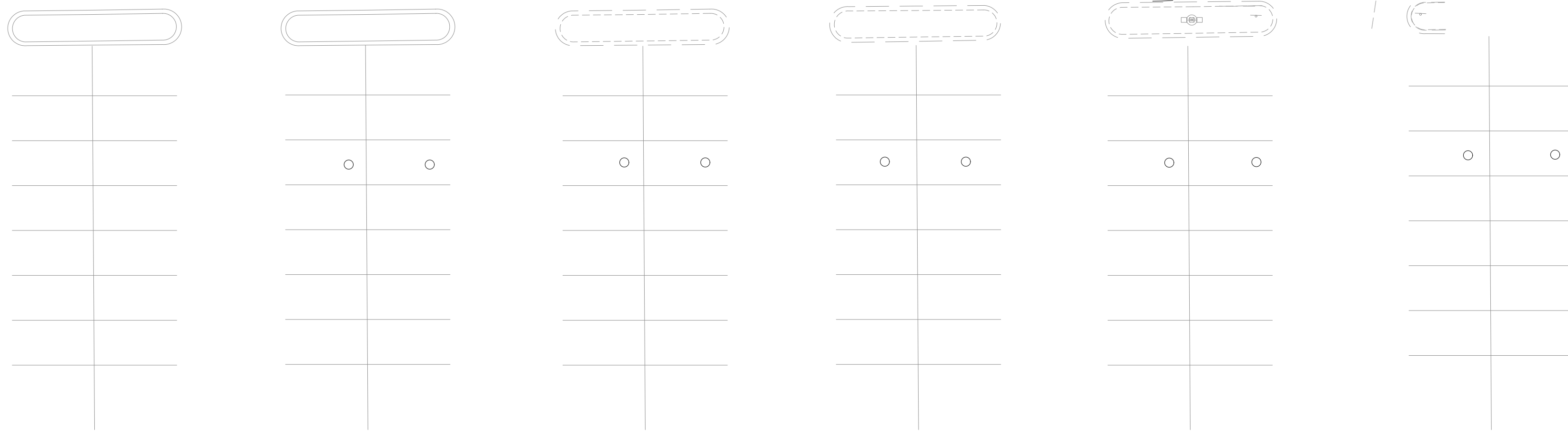
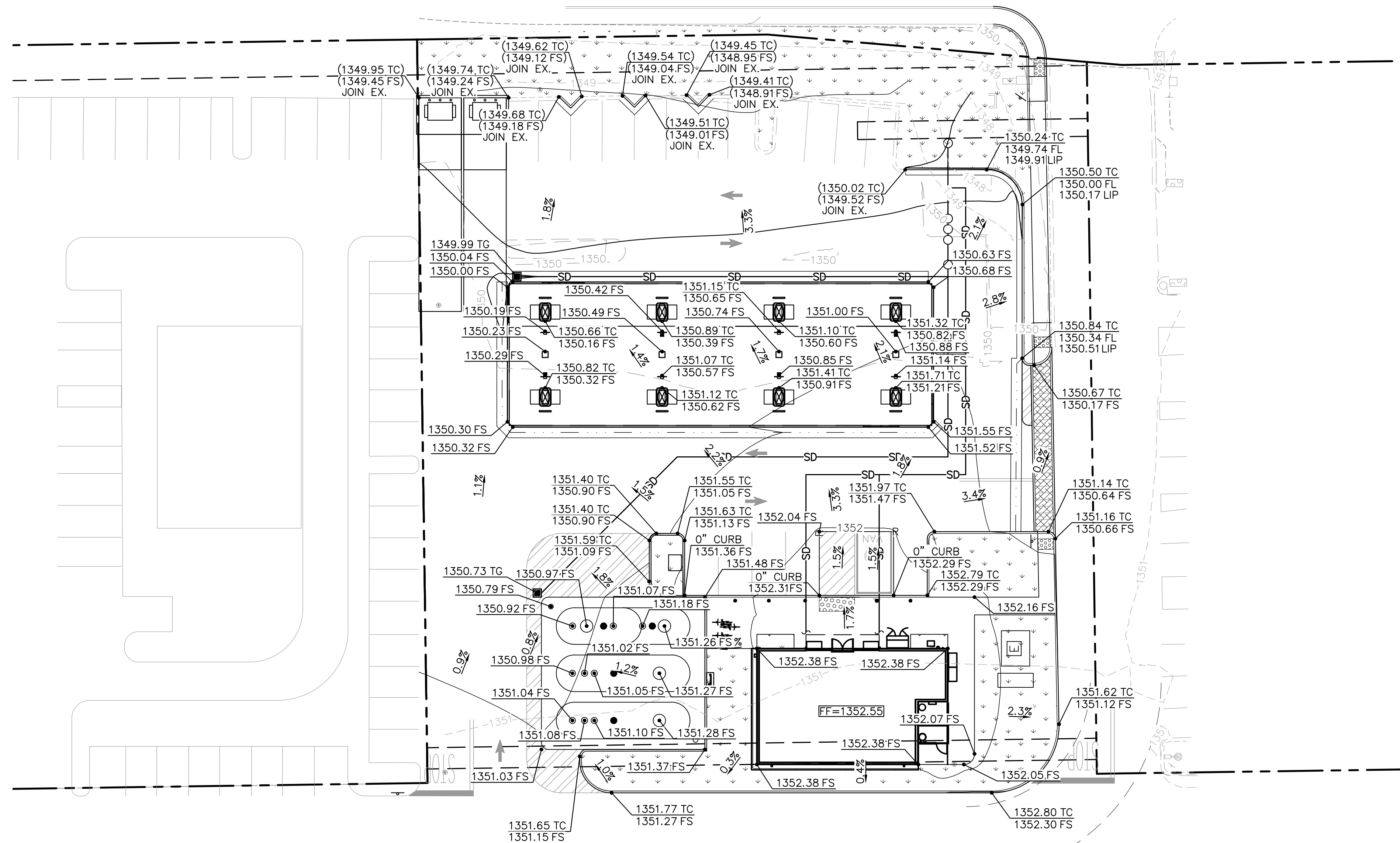
**Kimley»Horn**

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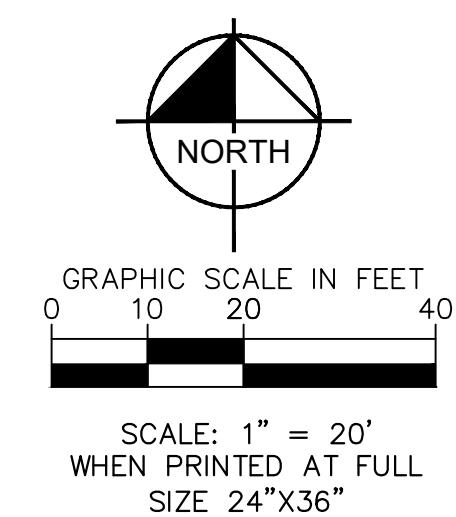
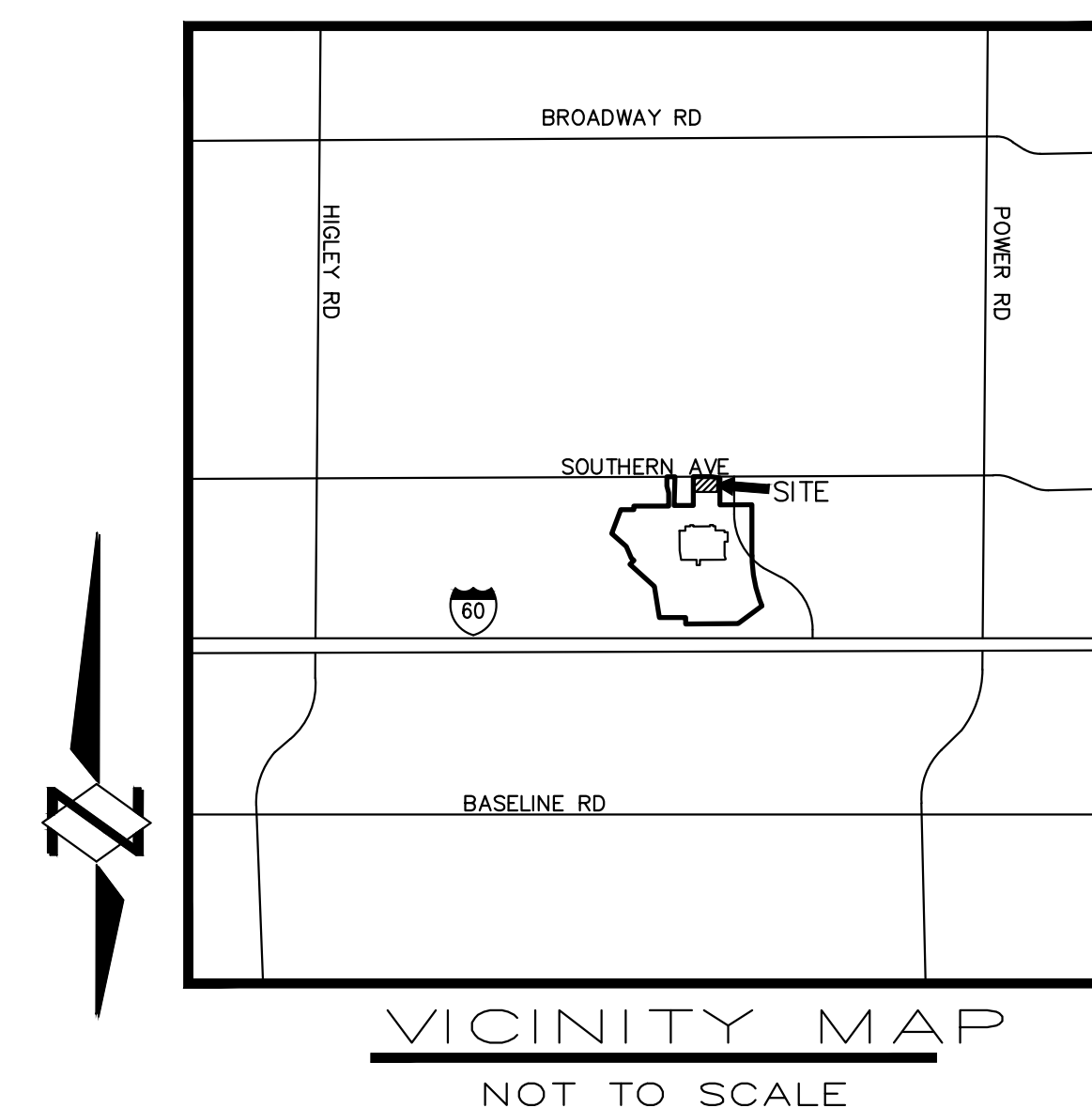
E SOUTHERN AVE

**LEGEND**

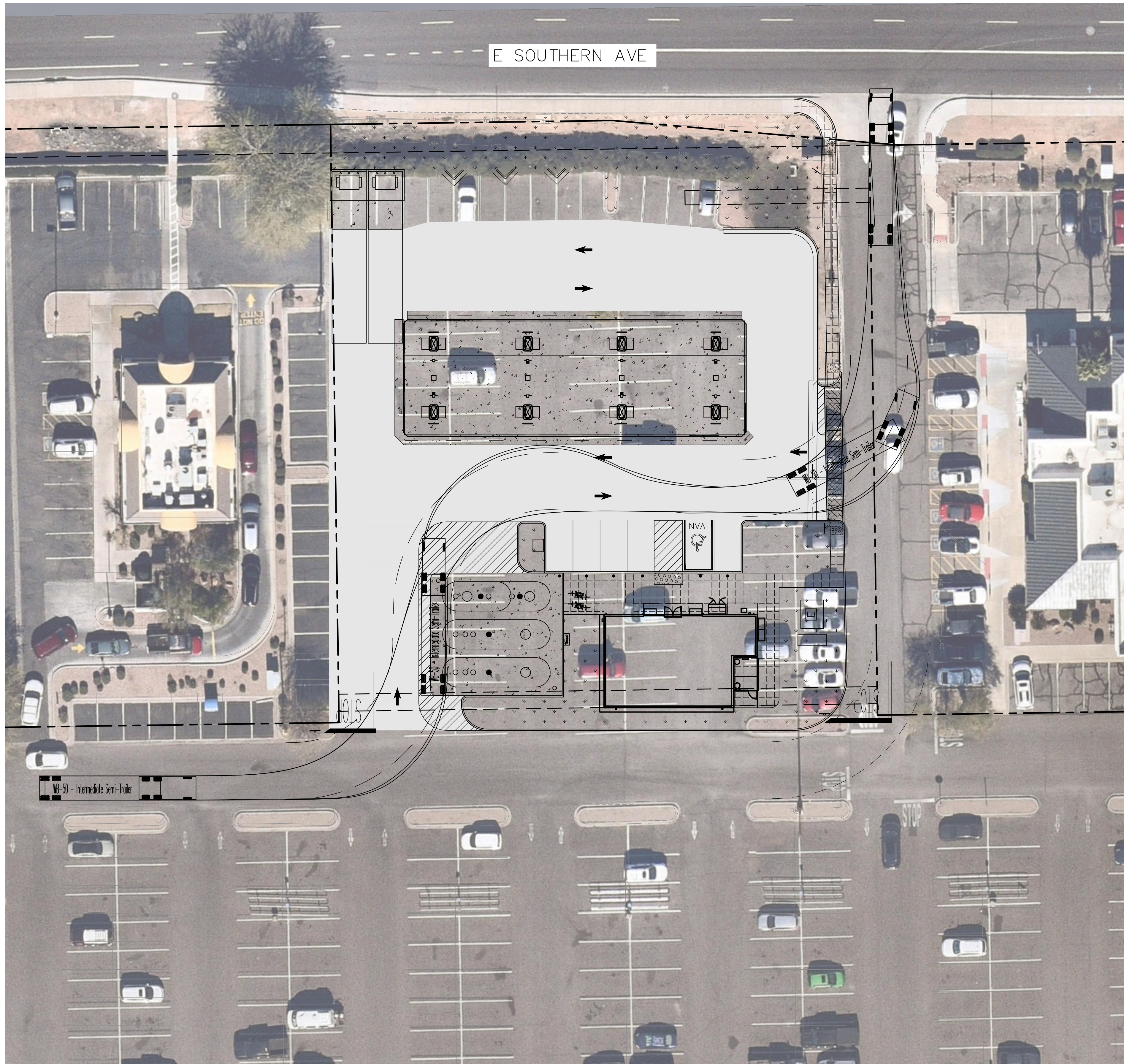
	PROPERTY LINE
	PROPOSED CONTOUR
	EXISTING CONTOUR
	PROPOSED STORM DRAIN LINE
	EXISTING STORM DRAIN LINE
	FINISH FLOOR ELEVATION
	FLOWLINE
	LIP OF GUTTER
	TOP OF CURB
	FINISH SURFACE
	EXISTING GRADE
	PROPOSED GRADE
	LANDSCAPING
	CONCRETE PAVEMENT
	PROPOSED SLOPE



**WALMART FUEL STATION - STORE #1646**  
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**FINAL DESIGN CIVIL GRADING PLAN**



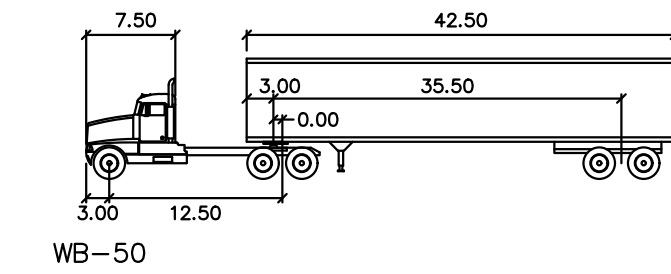




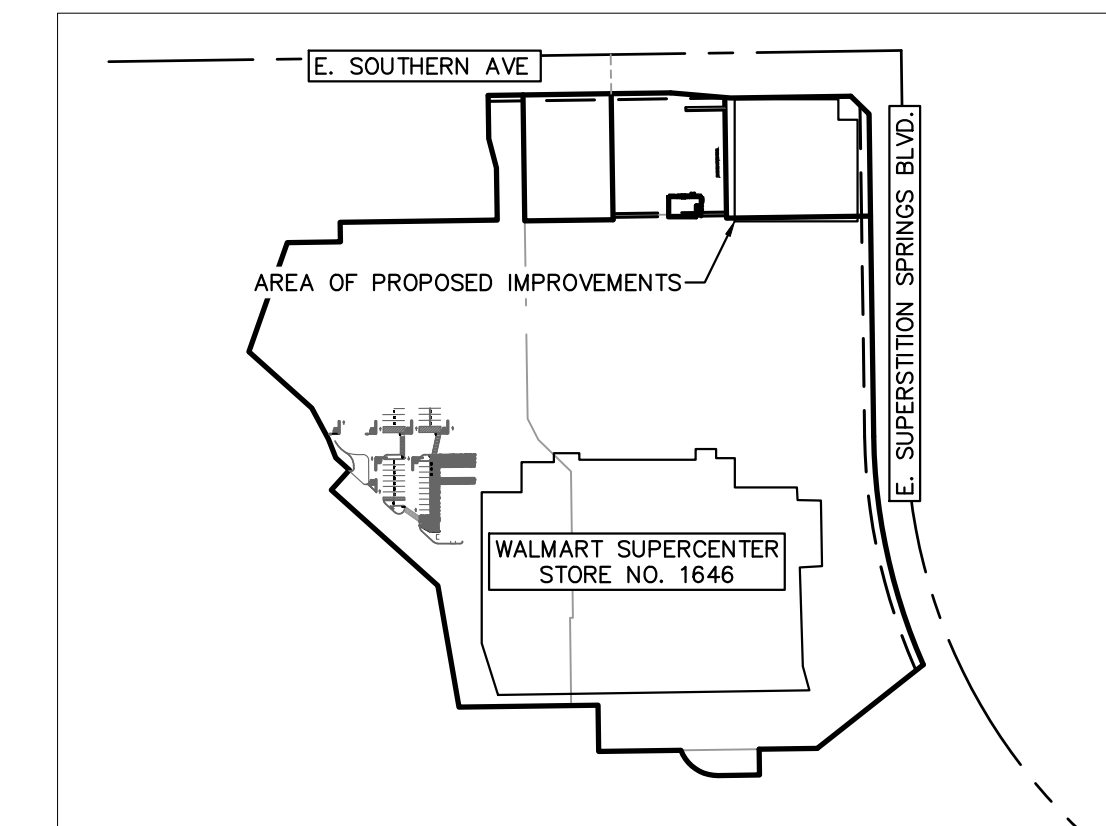
**WALMART FUEL STATION - STORE #1646**  
**6131 E SOUTHERN AVE, MESA AZ 85206**  
**FINAL DESIGN CIVIL TRUCK TURN**

**LEGEND**

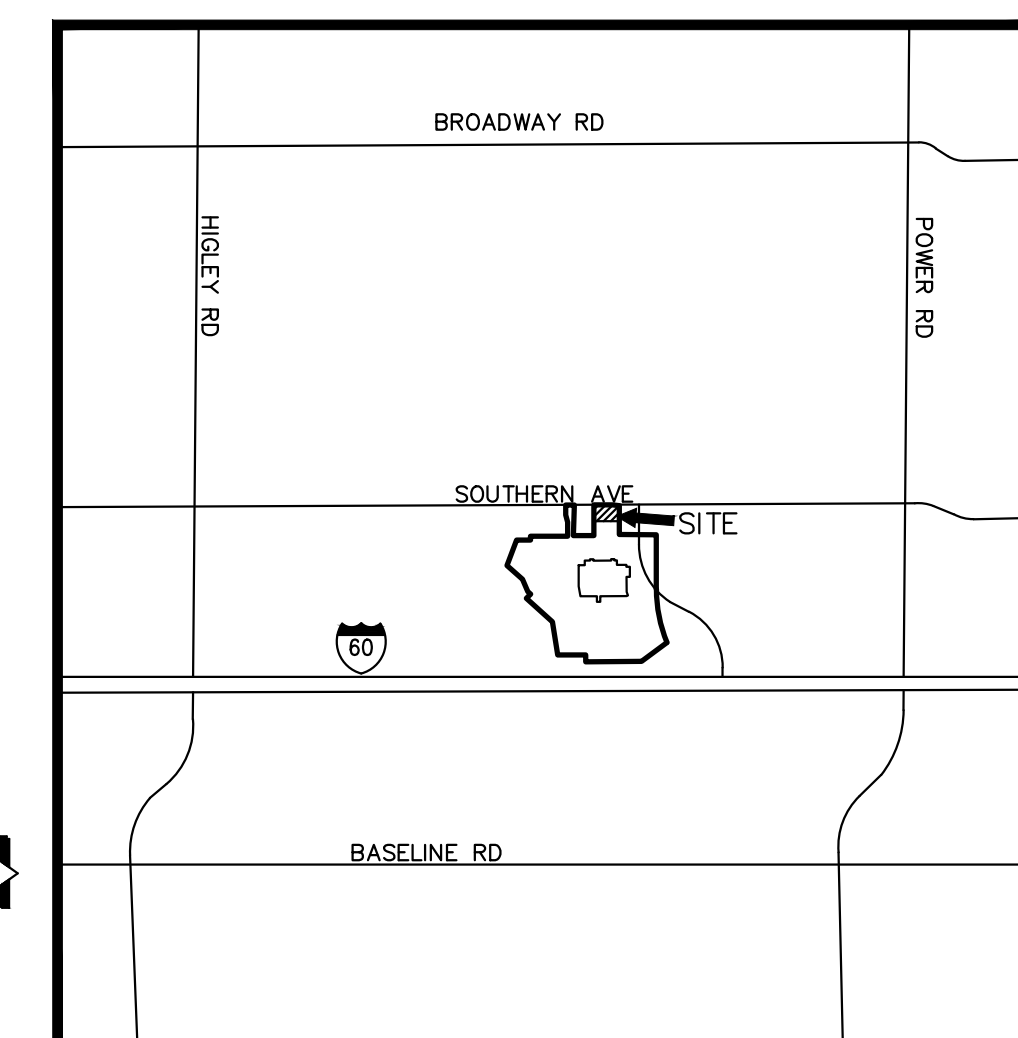
- PROPERTY LINE
- EASEMENT LINE
- HEAVY DUTY ASPHALT PAVING
- LANDSCAPING
- CONCRETE SIDEWALK
- CONCRETE PAVEMENT



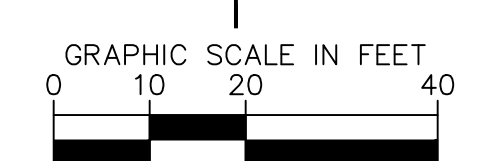
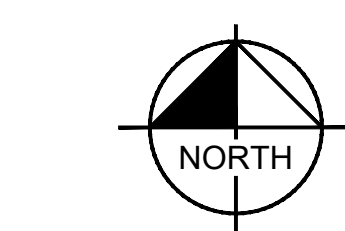
feet	
Tractor Width	: 8.00
Trailer Width	: 8.50
Tractor Track	: 8.00
Trailer Track	: 8.50
Lock to Lock Time	: 6.0
Steering Angle	: 17.8
Articulating Angle	: 70.0



**KEY MAP**  
NOT TO SCALE



**VICINITY MAP**  
NOT TO SCALE



SCALE: 1" = 20'  
 WHEN PRINTED AT FULL  
 SIZE 24"X36"



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