

Public Art Piece in
Center of Multi-
lane Roundabout

Robinson Street
Bridge Aesthetics

Legacy Trail

ROBINSON ST

STUBBEMAN AVE

FUTURE JAMES GARNER AVE

HAYES ST

MOSIER ST

HIMES ST

LS NOSNHOF

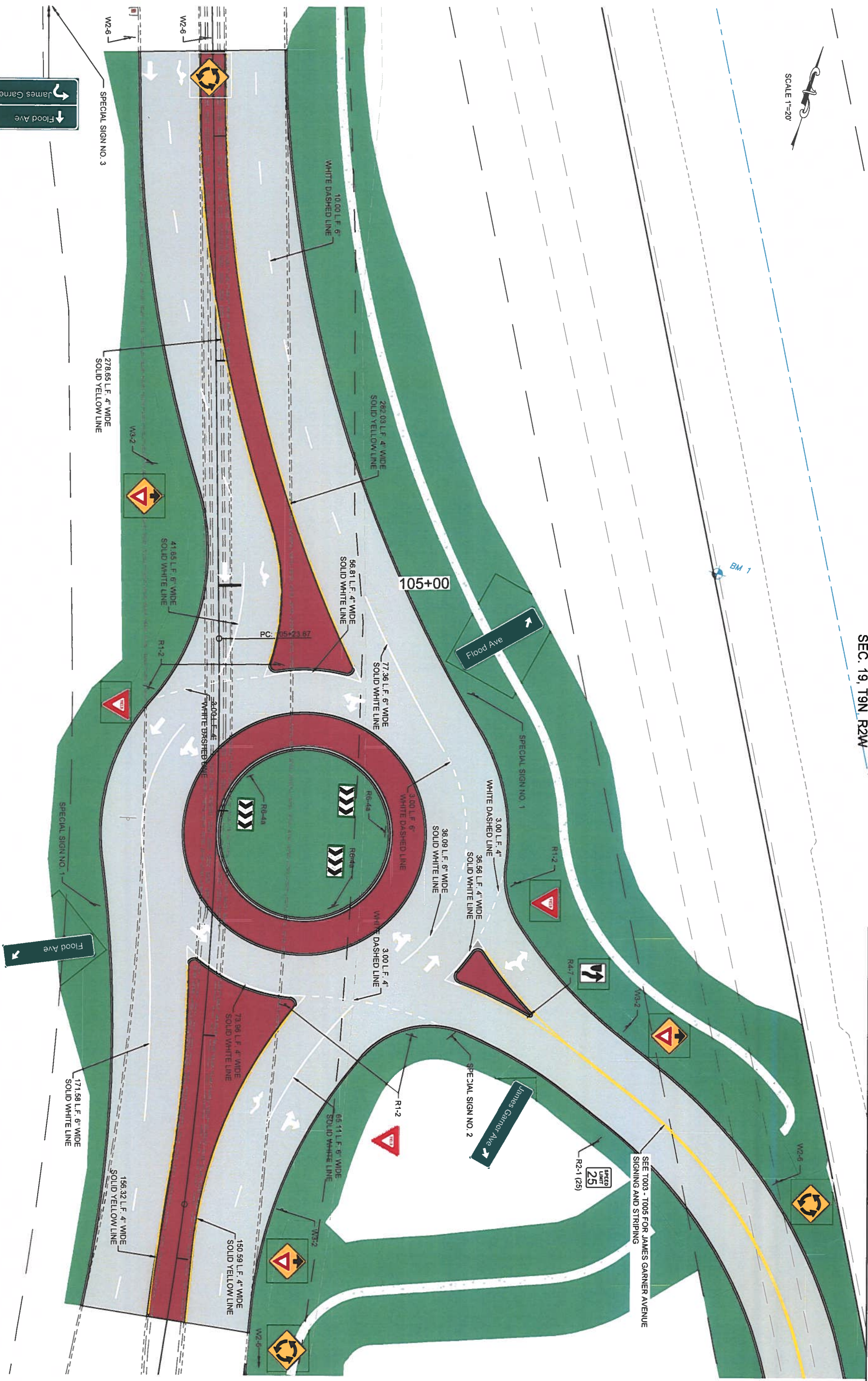
UNIVERSITY BLVD

FLOOD AVE

ROBINSON ST



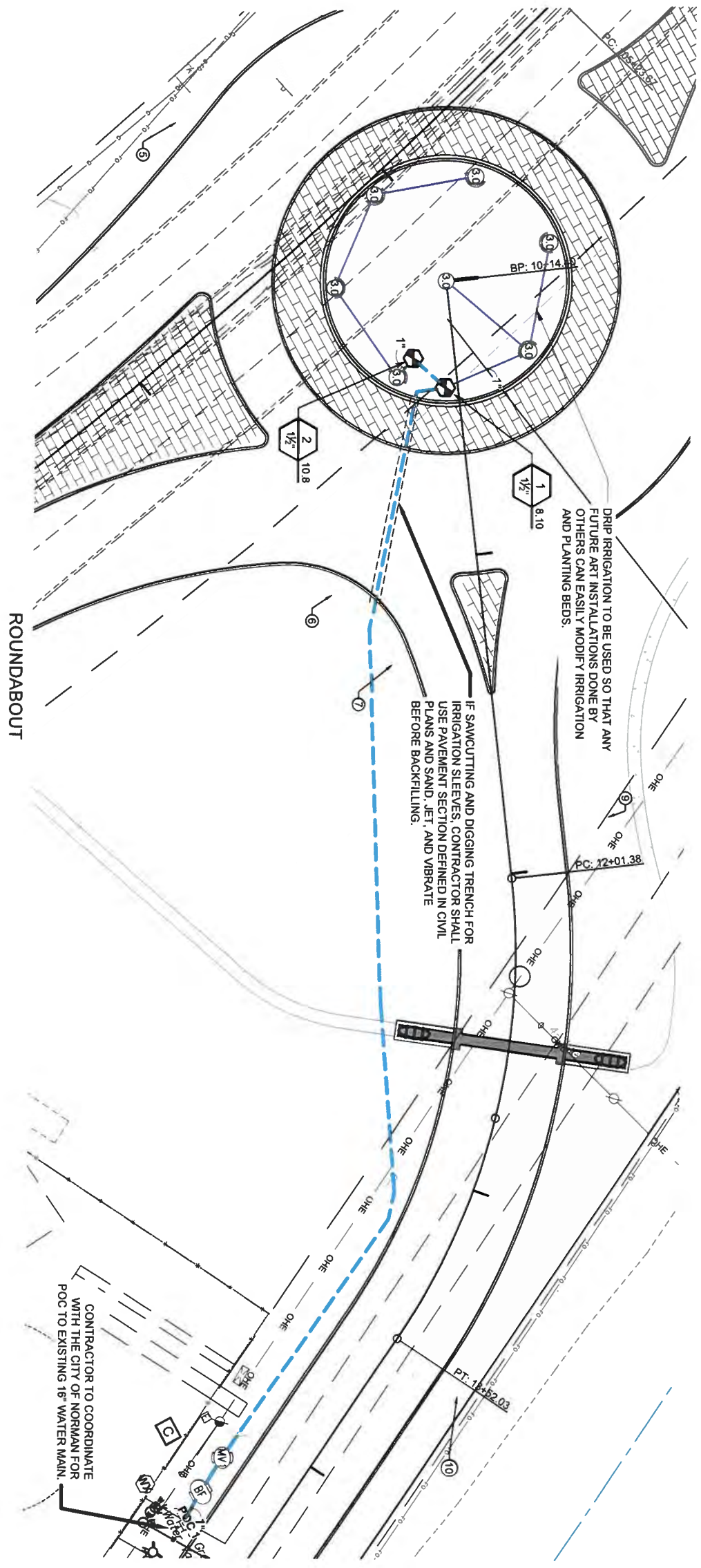
SEC. 19, T9N, R2W



STATE JOB NO. 3523(04)
 SHEET NO. T007

**SIGNING AND STRIPING
 ROUNDABOUT**

SEC. 19, T19N, R2W



CRITICAL ANALYSIS

Generated: 2022-07-11 17:39

P.O.C. NUMBER: 01 POC

Water Source Information: POC

FLOW AVAILABLE
Point of Connection Size: 12"
Flow Available: 2,937 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 60.00 PSI
Pressure Available: 60.00 psi

DESIGN ANALYSIS
Maximum Station Flow: 10.8 GPM
Flow Available at POC: 2,937 GPM
Residual Flow Available: 2,926 GPM

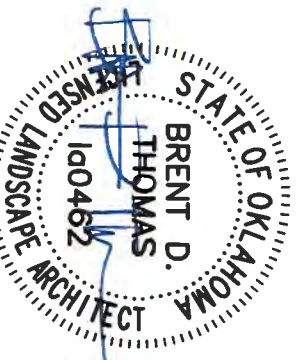
Critical Station: 2
Design Pressure: 35 PSI
Friction Loss: 1.3 PSI
Fittings Loss: 0.13 PSI
Elevation Loss: 0 PSI
Loss through Valve: 1.5 PSI
Pressure Req. at Critical Station: 37.93 PSI
Loss for Fittings: 1.18 PSI
Loss for Main Line: 11.83 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 2.5 PSI
Loss for Master Valve: 1.5 PSI
Critical Station Pressure at POC: 54.94 PSI
Pressure Available: 60 PSI
Residual Pressure Available: 5.06 PSI

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS	DETAIL
⊙	Hunter PGP-12 Shrub Rotor, 12" Pop-Up, Adjustable to Full Circle.	7	35	2.70	36"	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL			
⊕	Hunter ICV-G 1" 1-1/2", 2" and 3" Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use.	2				
⊙	Hunter IBV-1-1/2" 1" 1-1/2", 2" and 3" Brass Electric Master Valve, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use.	1				
⊕	Fabco 765 1-1/2" Pressure Vacuum Breaker, brass with ball valve SOV. Install 12" above highest downstream outlet and the highest point in the downstream piping.	1				
POC 1	Point of Connection 12"	1				
---	Irrigation Lateral Line, PVC Schedule 40	217.21L				
---	Irrigation Mainline, PVC Schedule 40	396.81L				

LANDSCAPE AND IRRIGATION PAY QUANTITIES SHEET BA20

ITEM NO	CODE	DESCRIPTION	UNIT	QUANTITY
SPEC		IRRIGATION SYSTEM	(U.S.) LS-41	LSUM
				1



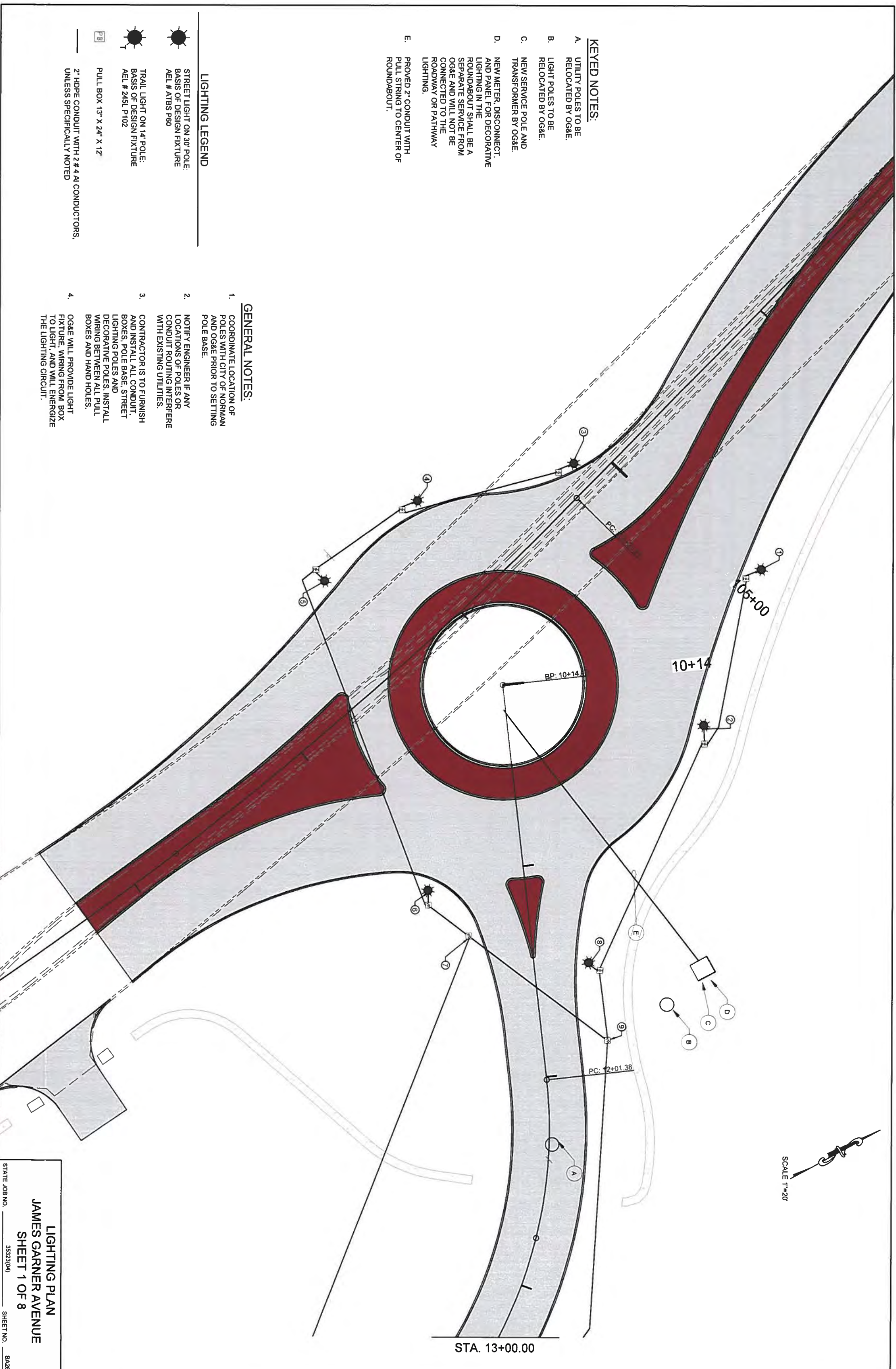
Digitally Signed 07/14/2022

IRRIGATION PLAN
JAMES GARNER AVENUE
SHEET 14 OF 18

STATE JOB NO. 35323(04) SHEET NO. BA20



SCALE 1"=20'







KEYED NOTES:

- A. UTILITY POLES TO BE RELOCATED BY OG&E.
- B. LIGHT POLES TO BE RELOCATED BY OG&E.
- C. NEW SERVICE POLE AND TRANSFORMER BY OG&E.
- D. NEW METER, DISCONNECT, AND PANEL FOR DECORATIVE LIGHTING IN THE ROUNDABOUT SHALL BE A SEPARATE SERVICE FROM OG&E AND WILL NOT BE CONNECTED TO THE ROADWAY OR PATHWAY LIGHTING.
- E. PROVED 2" CONDUIT WITH PULL STRING TO CENTER OF ROUNDABOUT.

GENERAL NOTES:

- 1. COORDINATE LOCATION OF POLES WITH CITY OF NORMAN AND OG&E PRIOR TO SETTING POLE BASE.
- 2. NOTIFY ENGINEER IF ANY LOCATIONS OF POLES OR CONDUIT ROUTING INTERFERE WITH EXISTING UTILITIES.
- 3. CONTRACTOR IS TO FURNISH AND INSTALL ALL CONDUIT, BOXES, POLE BASE, STREET LIGHTING POLES AND DECORATIVE POLES. INSTALL WIRING BETWEEN ALL PULL BOXES AND HAND HOLES.
- 4. OG&E WILL PROVIDE LIGHT FIXTURE, WIRING FROM BOX TO LIGHT, AND WILL ENERGIZE THE LIGHTING CIRCUIT.

LIGHTING LEGEND

-  STREET LIGHT ON 30' POLE: BASIS OF DESIGN FIXTURE AEL # ATBS P60
-  TRAIL LIGHT ON 14' POLE: BASIS OF DESIGN FIXTURE AEL # 245L P102
-  PULL BOX 13" X 24" X 12"
-  2" HDPE CONDUIT WITH 2 # 4 AW CONDUCTORS, UNLESS SPECIFICALLY NOTED

LIGHTING PLAN
JAMES GARNER AVENUE
SHEET 1 OF 8

STATE JOB NO. 35323(04) SHEET NO. 8A26