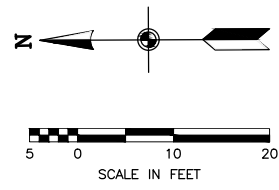


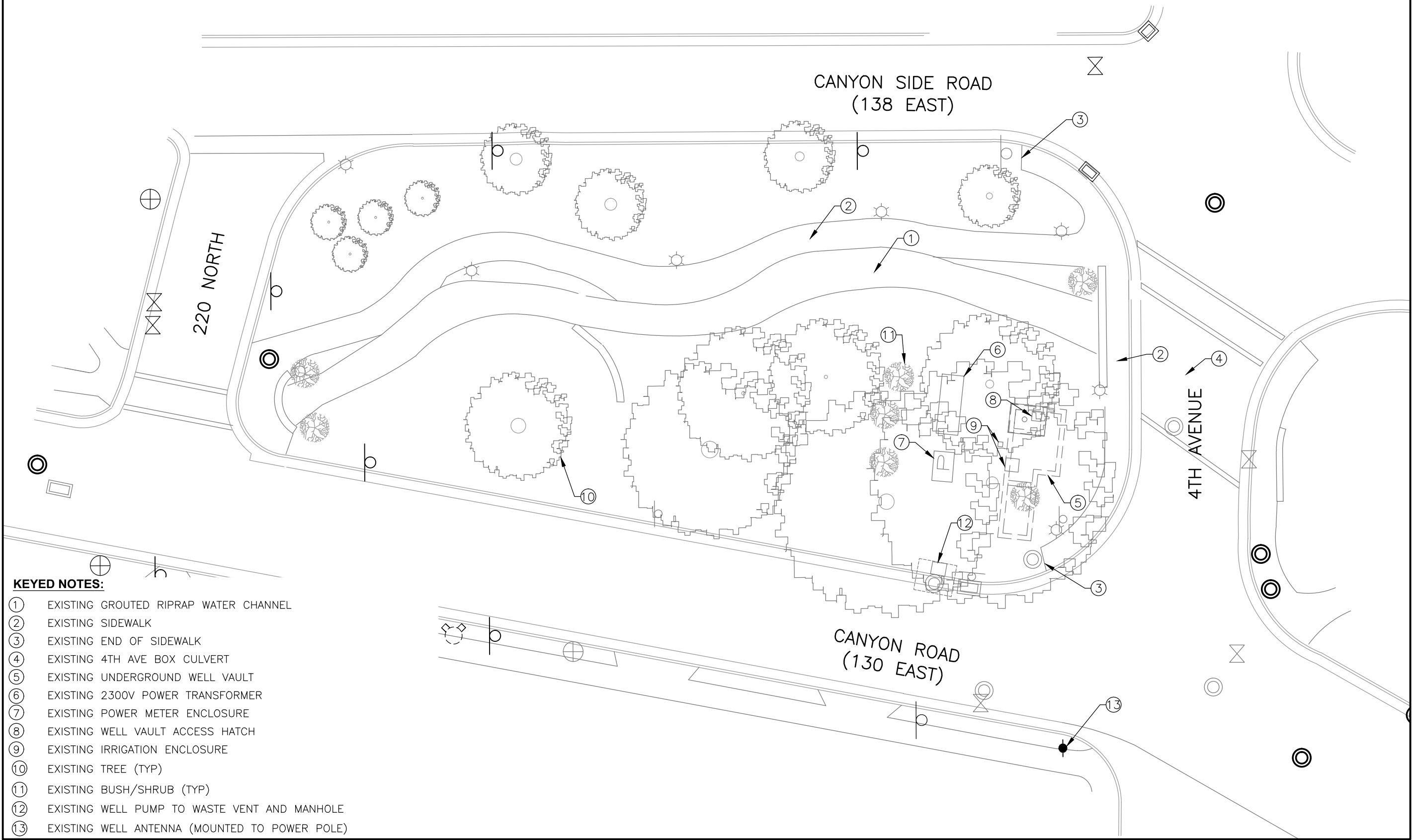
**ATTACHMENT F: SECOND ITERATION 2019 WORK
SESSION**



PARCEL ZONING = OPEN SPACE (OS)
 TOTAL PARCEL AREA = 10,853 FT² (0.249 ACRES)



PRELIMINARY



- KEYED NOTES:**
- ① EXISTING GROUTED RIPRAP WATER CHANNEL
 - ② EXISTING SIDEWALK
 - ③ EXISTING END OF SIDEWALK
 - ④ EXISTING 4TH AVE BOX CULVERT
 - ⑤ EXISTING UNDERGROUND WELL VAULT
 - ⑥ EXISTING 2300V POWER TRANSFORMER
 - ⑦ EXISTING POWER METER ENCLOSURE
 - ⑧ EXISTING WELL VAULT ACCESS HATCH
 - ⑨ EXISTING IRRIGATION ENCLOSURE
 - ⑩ EXISTING TREE (TYP)
 - ⑪ EXISTING BUSH/SHRUB (TYP)
 - ⑫ EXISTING WELL PUMP TO WASTE VENT AND MANHOLE
 - ⑬ EXISTING WELL ANTENNA (MOUNTED TO POWER POLE)

NO.	DATE	REV. BY	DESCRIPTION

SALT LAKE CITY PUBLIC UTILITIES
4TH AVE WELL AND BRICK TANK
 SALT LAKE CITY, UTAH

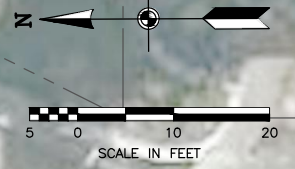
DESIGN DESIGN J. BEAN DRAWN J. BEAN	REVIEW CHECKED K. BAGLEY APPROVED K. BAGLEY	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING
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CIVIL
EXISTING SITE
 DATE: FEBRUARY 2019
 PROJECT NUMBER: 032-16-04

DRAWING NO.
C-01



PARCEL ZONING = OPEN SPACE (OS)
 TOTAL PARCEL AREA = 10,853 FT² (0.249 ACRES)
 NEW WELL BUILDING FOOTPRINT = 723 FT²
 NEW WELL BUILDING W/ ENCLOSED HVAC AREA = 899 FT²
 OPEN SPACE TO REMAIN = 9,954 FT²



- KEYED NOTES:**
- ① EXISTING GROUTED RIPRAP WATER CHANNEL
 - ② EXISTING SIDEWALK TO REMAIN
 - ③ EXISTING END OF SIDEWALK
 - ④ EXISTING 4TH AVE BOX CULVERT
 - ⑤ CONCRETE WALKWAY
 - ⑥ ABOVE GROUND WELL BUILDING
 - ⑦ ROOF HATCH OVER EXISTING/NEW WELL HEAD
 - ⑧ 6' METAL PANEL FENCE
 - ⑨ CONCRETE WHEEL PATH DRIVEWAY W/ CURB CUT
 - ⑩ 6' METAL PANEL FENCE GATE FOR HVAC ENCLOSURE
 - ⑪ 5' DIAM. CONTAINMENT MANHOLE (ONLY LID SHOWN)
 - ⑫ CONNECTION MANHOLE TO CULINARY WATER SYSTEM
 - ⑬ EXISTING UNDERGROUND WELL VAULT
 - ⑭ RMP 480V POWER TRANSFORMER
 - ⑮ WELL MONUMENT SIGN (LOCATION PER ARCHITECT)
 - ⑯ BUILDING WALL VEGETATED SCREEN (TYP)



PRELIMINARY

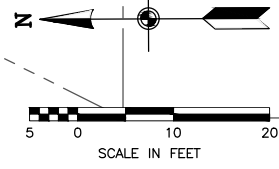
NO.	DATE	REV. BY	DESCRIPTION

SALT LAKE CITY PUBLIC UTILITIES
4TH AVE WELL AND BRICK TANK
 SALT LAKE CITY, UTAH
VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING

DESIGN: J. BEAN
 REVIEW: K. BAGLEY
 CHECKED: K. BAGLEY
 APPROVED: K. BAGLEY

CIVIL
OVERALL SITE 1
 DATE: FEBRUARY 2019
 PROJECT NUMBER: 032-16-04

DRAWING NO.
C-02



PARCEL ZONING = OPEN SPACE (OS)
 TOTAL PARCEL AREA = 10,853 FT² (0.249 ACRES)
 NEW WELL BUILDING FOOTPRINT = 723 FT²
 NEW WELL BUILDING W/ ENCLOSED HVAC AREA = 899 FT²
 OPEN SPACE TO REMAIN = 9,954 FT²



PRELIMINARY

NO.	DATE	REV. BY	DESCRIPTION

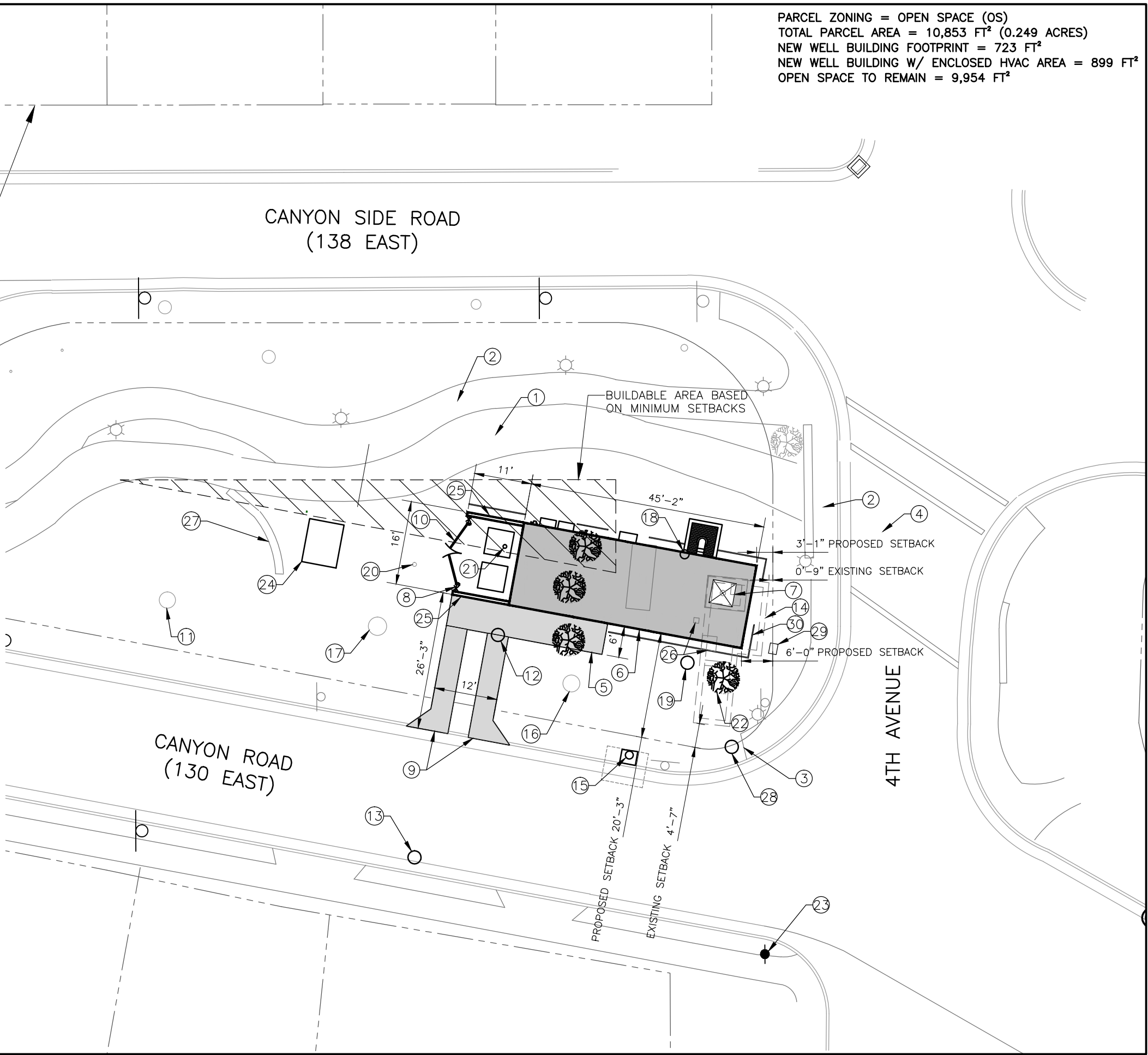
SALT LAKE CITY PUBLIC UTILITIES
4TH AVE WELL AND BRICK TANK
 SALT LAKE CITY, UTAH
 VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING

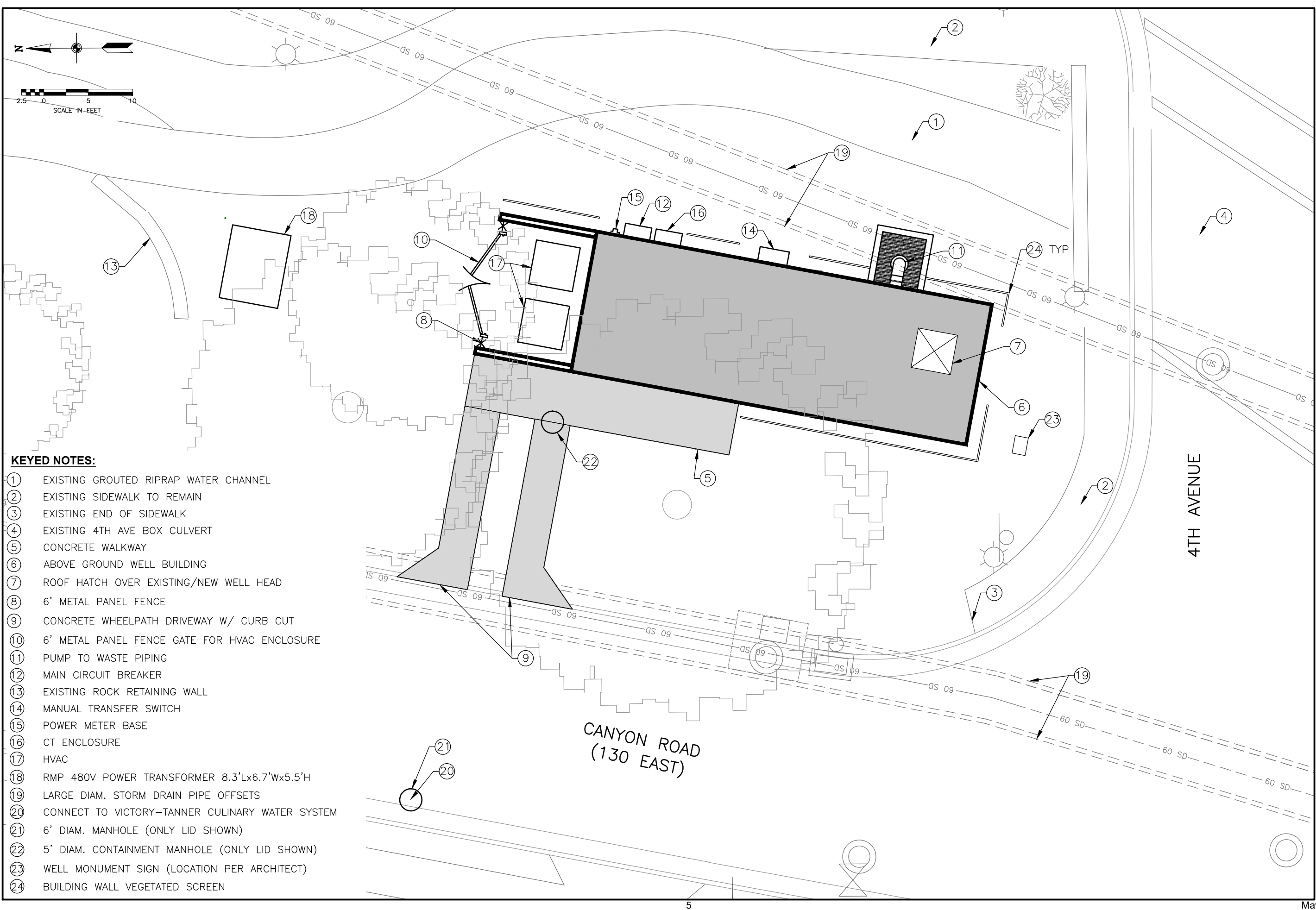
DESIGN: J. BEAN
 DRAWN: J. BEAN
 REVIEW: K. BAGLEY
 CHECKED: K. BAGLEY
 APPROVED: K. BAGLEY

CIVIL
OVERALL SITE 2
 DATE: FEBRUARY 2019
 PROJECT NUMBER: 032-16-04

DRAWING NO.
C-03

- KEYED NOTES:**
- ① EXISTING GROUTED RIPRAP WATER CHANNEL
 - ② EXISTING SIDEWALK TO REMAIN
 - ③ EXISTING END OF SIDEWALK
 - ④ EXISTING 4TH AVE BOX CULVERT
 - ⑤ CONCRETE WALKWAY
 - ⑥ ABOVE GROUND WELL BUILDING
 - ⑦ ROOF HATCH OVER EXISTING/NEW WELL HEAD
 - ⑧ 6' METAL PANEL FENCE FOR HVAC ENCLOSURE
 - ⑨ CONCRETE WHEELPATH DRIVEWAY W/ CURB CUT
 - ⑩ 6' METAL PANEL FENCE GATE FOR HVAC ENCLOSURE
 - ⑪ EXISTING TREE (TYP)
 - ⑫ 5' DIAM. CONTAINMENT MANHOLE (ACCESS LID SHOWN)
 - ⑬ CONNECTION MANHOLE TO CULINARY WATER SYSTEM
 - ⑭ EXISTING UNDERGROUND WELL VAULT
 - ⑮ REMOVE EXISTING PUMP TO WASTE VENT AND MANHOLE
 - ⑯ EXISTING 39" DIAM. TREE TO BE PRESERVED. TRIM TREE BRANCHES AS NEEDED FOR BUILDING CONSTRUCTION BY CERTIFIED ARBORIST AND CLEAN CUT ROOTS AS NEEDED.
 - ⑰ EXISTING 42" DIAM. TREE TO BE PRESERVED
 - ⑱ EXISTING 20" DIAM. TREE TO BE REMOVED
 - ⑲ EXISTING 30" DIAM. TREE TO BE REMOVED
 - ⑳ EXISTING 9" DIAM. TREE TO BE PRESERVED
 - ㉑ EXISTING 8" DIAM. TREE TO BE REMOVED
 - ㉒ EXISTING SHRUB TO BE REMOVED (TYP)
 - ㉓ EXISTING WELL ANTENNA (MOUNTED TO POWER POLE)
 - ㉔ RMP 480V POWER TRANSFORMER
 - ㉕ 7'-3" TALL HVAC ENCLOSURE WALL
 - ㉖ RELOCATE IRRIGATION ENCLOSURES
 - ㉗ EXISTING ROCK RETAINING WALL
 - ㉘ ABANDON EXISTING WATER VALVE MANHOLE
 - ㉙ WELL MONUMENT SIGN (LOCATION PER ARCHITECT)
 - ㉚ BUILDING WALL VEGETATED SCREEN (TYP)





KEYED NOTES:

- ① EXISTING GROUTED RIPRAP WATER CHANNEL
- ② EXISTING SIDEWALK TO REMAIN
- ③ EXISTING END OF SIDEWALK
- ④ EXISTING 4TH AVE BOX CULVERT
- ⑤ CONCRETE WALKWAY
- ⑥ ABOVE GROUND WELL BUILDING
- ⑦ ROOF HATCH OVER EXISTING/NEW WELL HEAD
- ⑧ 6' METAL PANEL FENCE
- ⑨ CONCRETE WHEELPATH DRIVEWAY W/ CURB CUT
- ⑩ 6' METAL PANEL FENCE GATE FOR HVAC ENCLOSURE
- ⑪ PUMP TO WASTE PIPING
- ⑫ MAIN CIRCUIT BREAKER
- ⑬ EXISTING ROCK RETAINING WALL
- ⑭ MANUAL TRANSFER SWITCH
- ⑮ POWER METER BASE
- ⑯ CT ENCLOSURE
- ⑰ HVAC
- ⑱ RMP 480V POWER TRANSFORMER 8.3'Lx6.7'Wx5.5'H
- ⑲ LARGE DIAM. STORM DRAIN PIPE OFFSETS
- ⑳ CONNECT TO VICTORY-TANNER CULINARY WATER SYSTEM
- ㉑ 6' DIAM. MANHOLE (ONLY LID SHOWN)
- ㉒ 5' DIAM. CONTAINMENT MANHOLE (ONLY LID SHOWN)
- ㉓ WELL MONUMENT SIGN (LOCATION PER ARCHITECT)
- ㉔ BUILDING WALL VEGETATED SCREEN

NO.	DATE	REV. BY	DESCRIPTION

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING

SALT LAKE CITY PUBLIC UTILITIES
4TH AVE WELL AND BRICK TANK
 SALT LAKE CITY, UTAH

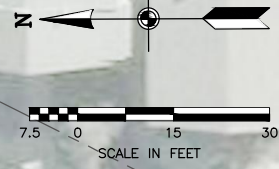
DESIGN: DESIGN J. BEAN, DRAWN J. BEAN
 REVIEW: CHECKED K. BAGLEY, APPROVED K. BAGLEY

CIVIL
SITE PLAN
 DATE: FEBRUARY 2019 PROJECT NUMBER: 032-16-04

DRAWING NO. **C-04**



PARCEL ZONING = OPEN SPACE (OS)
 TOTAL PARCEL AREA = 10,853 FT² (0.249 ACRES)
 PARCEL LOCATIONS BASED ON SALT LAKE CITY GIS DATA
 ALL SETBACKS DISTANCES OF OTHER PROPERTIES IN THE VICINITY ARE APPROXIMATE AND BASED ON AERIAL IMAGERY



PRELIMINARY

NO.	DATE	REV. BY	DESCRIPTION

SALT LAKE CITY PUBLIC UTILITIES		SALT LAKE CITY, UTAH	
4TH AVE WELL AND BRICK TANK			
DESIGN	REVIEW	VERIFY SCALE	
DESIGN J. BEAN	CHECKED K. BAGLEY	BAR IS ONE INCH ON ORIGINAL DRAWING	
DRAWN J. BEAN	APPROVED K. BAGLEY		

VICINITY SETBACK MAP	
DATE: FEBRUARY 2019	PROJECT NUMBER: 032-16-04

DRAWING NO. C-05

NO.	DATE	REV. BY	DESCRIPTION

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW
 CHECKED K. BAGLEY
 APPROVED K. BAGLEY

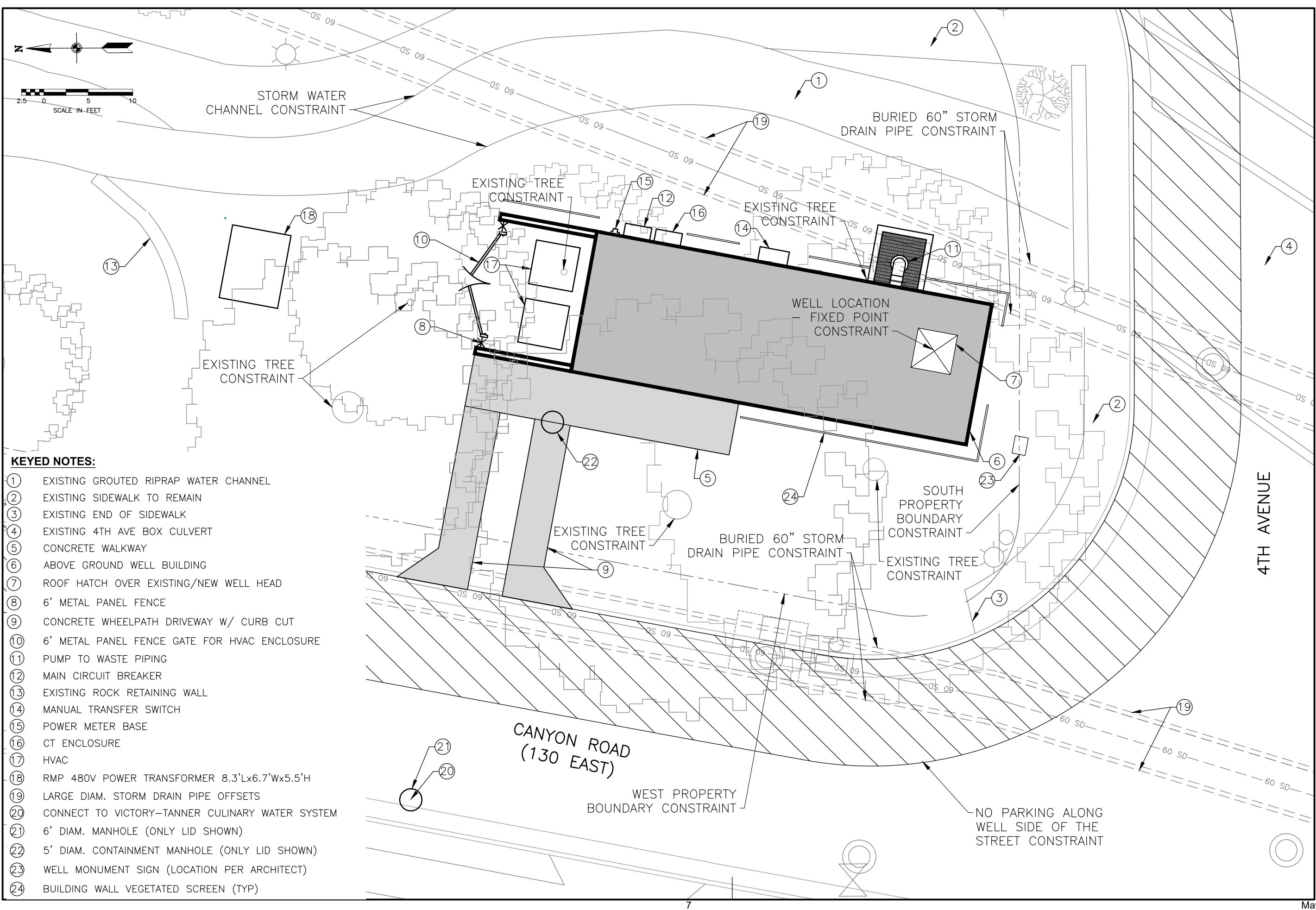
DESIGN
 DESIGN J. BEAN
 DRAWN J. BEAN

SITE CONSTRAINTS

CIVIL

DATE: FEBRUARY 2019 PROJECT NUMBER 032-16-04








DRAWING NO.
C-06






KEYED NOTES:

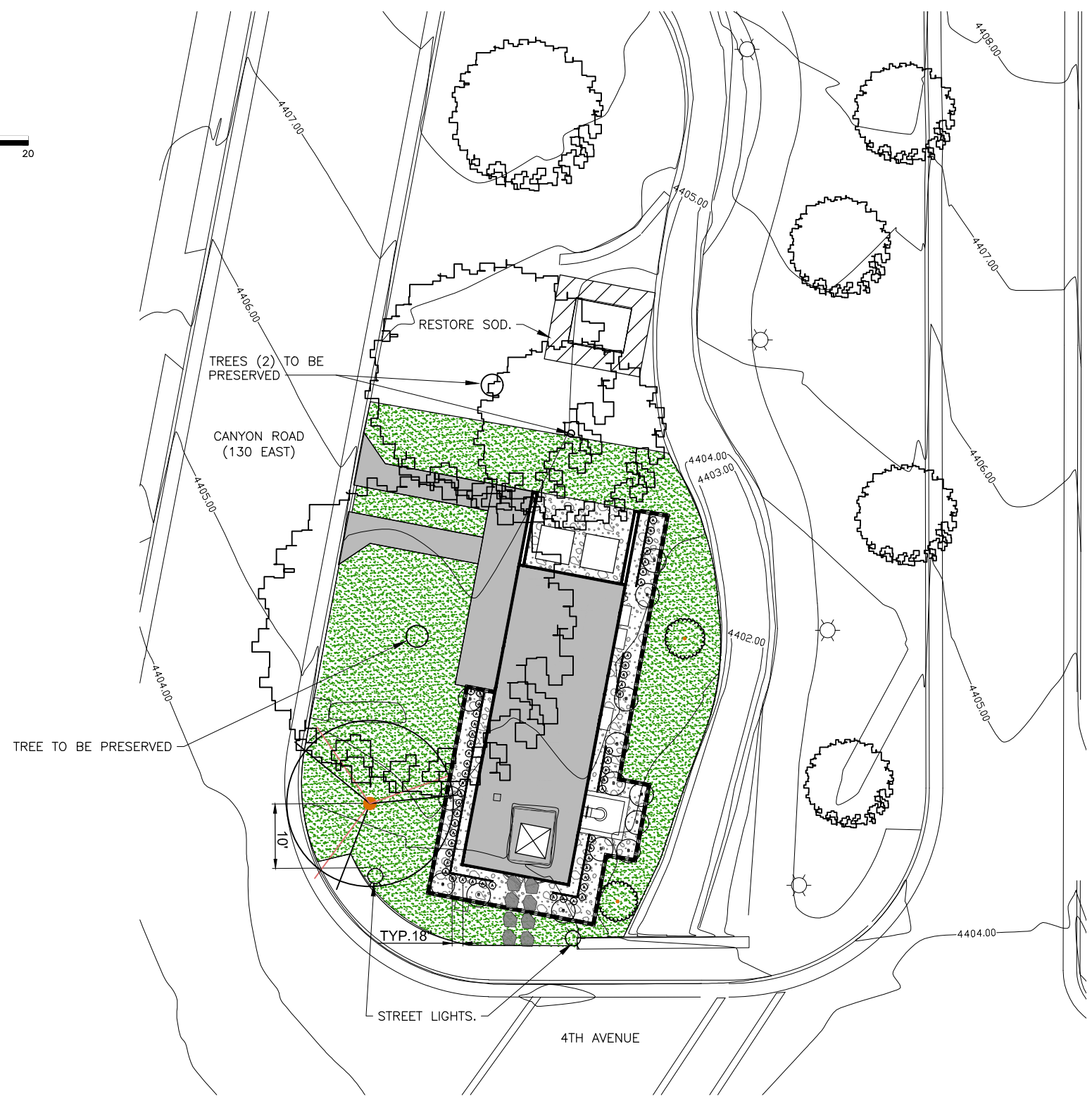
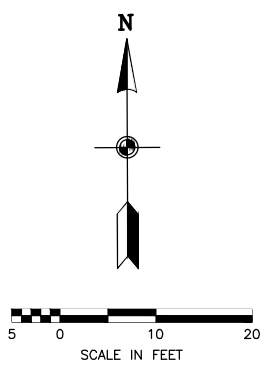
- ① EXISTING GROUTED RIPRAP WATER CHANNEL
- ② EXISTING SIDEWALK TO REMAIN
- ③ EXISTING END OF SIDEWALK
- ④ EXISTING 4TH AVE BOX CULVERT
- ⑤ CONCRETE WALKWAY
- ⑥ ABOVE GROUND WELL BUILDING
- ⑦ ROOF HATCH OVER EXISTING/NEW WELL HEAD
- ⑧ 6' METAL PANEL FENCE
- ⑨ CONCRETE WHEELPATH DRIVEWAY W/ CURB CUT
- ⑩ 6' METAL PANEL FENCE GATE FOR HVAC ENCLOSURE
- ⑪ PUMP TO WASTE PIPING
- ⑫ MAIN CIRCUIT BREAKER
- ⑬ EXISTING ROCK RETAINING WALL
- ⑭ MANUAL TRANSFER SWITCH
- ⑮ POWER METER BASE
- ⑯ CT ENCLOSURE
- ⑰ HVAC
- ⑱ RMP 480V POWER TRANSFORMER 8.3'Lx6.7'Wx5.5'H
- ⑲ LARGE DIAM. STORM DRAIN PIPE OFFSETS
- ⑳ CONNECT TO VICTORY-TANNER CULINARY WATER SYSTEM
- ㉑ 6' DIAM. MANHOLE (ONLY LID SHOWN)
- ㉒ 5' DIAM. CONTAINMENT MANHOLE (ONLY LID SHOWN)
- ㉓ WELL MONUMENT SIGN (LOCATION PER ARCHITECT)
- ㉔ BUILDING WALL VEGETATED SCREEN (TYP)

PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	CONT	QTY
	ACER TRUNCATUM X PLATANOIDES 'PACIFIC SUNSET' SUNSET MAPLE	2" CAL	1
	QUERCUS ROBUR X BICOLOR 'NADLER' KINDRED SPIRIT COLUMNAR ENGLISH OAK	2" CAL	2
SHRUBS	BOTANICAL / COMMON NAME	SIZE	QTY
	HEDERA HELIX ENGLISH IVY	1 GAL	65
	RHAMUS FRANGULA 'COLUMNARIS' TALLHEDGE BUCKTHORN	5 GAL	14
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	QTY
	GRAVEL MULCH	NONE	486 SF
	SMALL DESERT ROSE OR ROCK SPRINGS FIRE ROCK 3/4" BY STAKER PARSON OR APPROVED EQUAL		
	POA PRATENSIS KENTUCKY BLUEGRASS	SOD	2,165 SF

EXISTING TREES		QTY
	TO BE PRESERVED	3
	6" CONCRETE LANDSCAPE CURB	135 LF
	STEPPING STONE (2' x 2')	8

- NOTES:
- ALL LANDSCAPE AREA DISTURBED DURING CONSTRUCTION NOT SHOWN ON PLAN SHALL BE RESTORED TO EQUAL OR BETTER CONDITION.
 - THREE TREES REMOVED.
 - OAK TREES PLACED AT THE REQUEST OF SALT LAKE CITY PLANNING DEPARTMENT.



PRELIMINARY

NO.	DATE	REV. BY	DESCRIPTION
1	1/10/18	BMO	
2	2/12/18	BMO	

SALT LAKE CITY PUBLIC UTILITIES
4TH AVE WELL AND BRICK TANK
 SALT LAKE CITY, UTAH

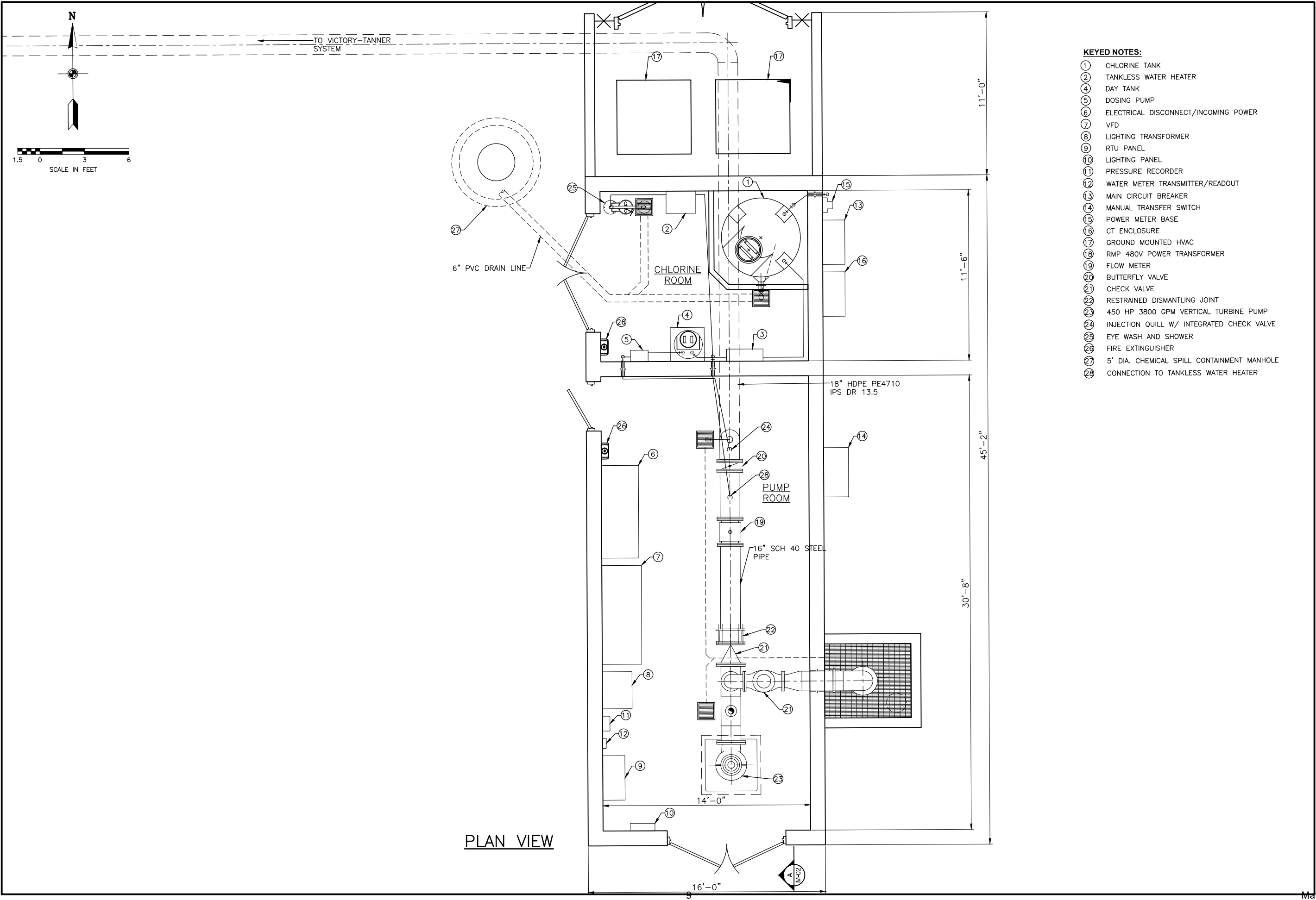
DESIGN: B. OLSON
 DRAWN: B. OLSON

REVIEW: J. TSANDES
 CHECKED: J. TSANDES
 APPROVED: J. TSANDES

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING

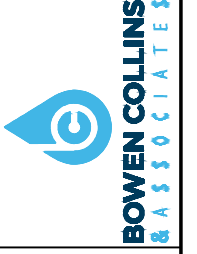
LANDSCAPE PLAN
 PROJECT NUMBER: 032-16-04
 DATE: FEBRUARY 2019

DRAWING NO.
L-1



KEYED NOTES:

- ① CHLORINE TANK
- ② TANKLESS WATER HEATER
- ④ DAY TANK
- ⑤ DOSING PUMP
- ⑥ ELECTRICAL DISCONNECT/INCOMING POWER
- ⑦ VFD
- ⑧ LIGHTING TRANSFORMER
- ⑨ RTU PANEL
- ⑩ LIGHTING PANEL
- ⑪ PRESSURE RECORDER
- ⑫ WATER METER TRANSMITTER/READOUT
- ⑬ MAIN CIRCUIT BREAKER
- ⑭ MANUAL TRANSFER SWITCH
- ⑮ POWER METER BASE
- ⑯ CT ENCLOSURE
- ⑰ GROUND MOUNTED HVAC
- ⑱ RMP 480V POWER TRANSFORMER
- ⑲ FLOW METER
- ⑳ BUTTERFLY VALVE
- ㉑ CHECK VALVE
- ㉒ RESTRAINED DISMANTLING JOINT
- ㉓ 450 HP 3800 GPM VERTICAL TURBINE PUMP
- ㉔ INJECTION QUILL W/ INTEGRATED CHECK VALVE
- ㉕ EYE WASH AND SHOWER
- ㉖ FIRE EXTINGUISHER
- ㉗ 5' DIA. CHEMICAL SPILL CONTAINMENT MANHOLE
- ㉘ CONNECTION TO TANKLESS WATER HEATER



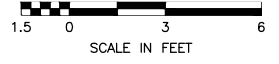
PRELIMINARY

NO.	DATE	REV. BY	DESCRIPTION

SALT LAKE CITY PUBLIC UTILITIES		VERIFY SCALE	
SALT LAKE CITY, UTAH		BAR IS ONE INCH ON ORIGINAL DRAWING	
DESIGN	REVIEW	CHECKED	APPROVED
J. BEAN	K. BAGLEY	K. BAGLEY	K. BAGLEY
DRAWN			
J. BEAN			

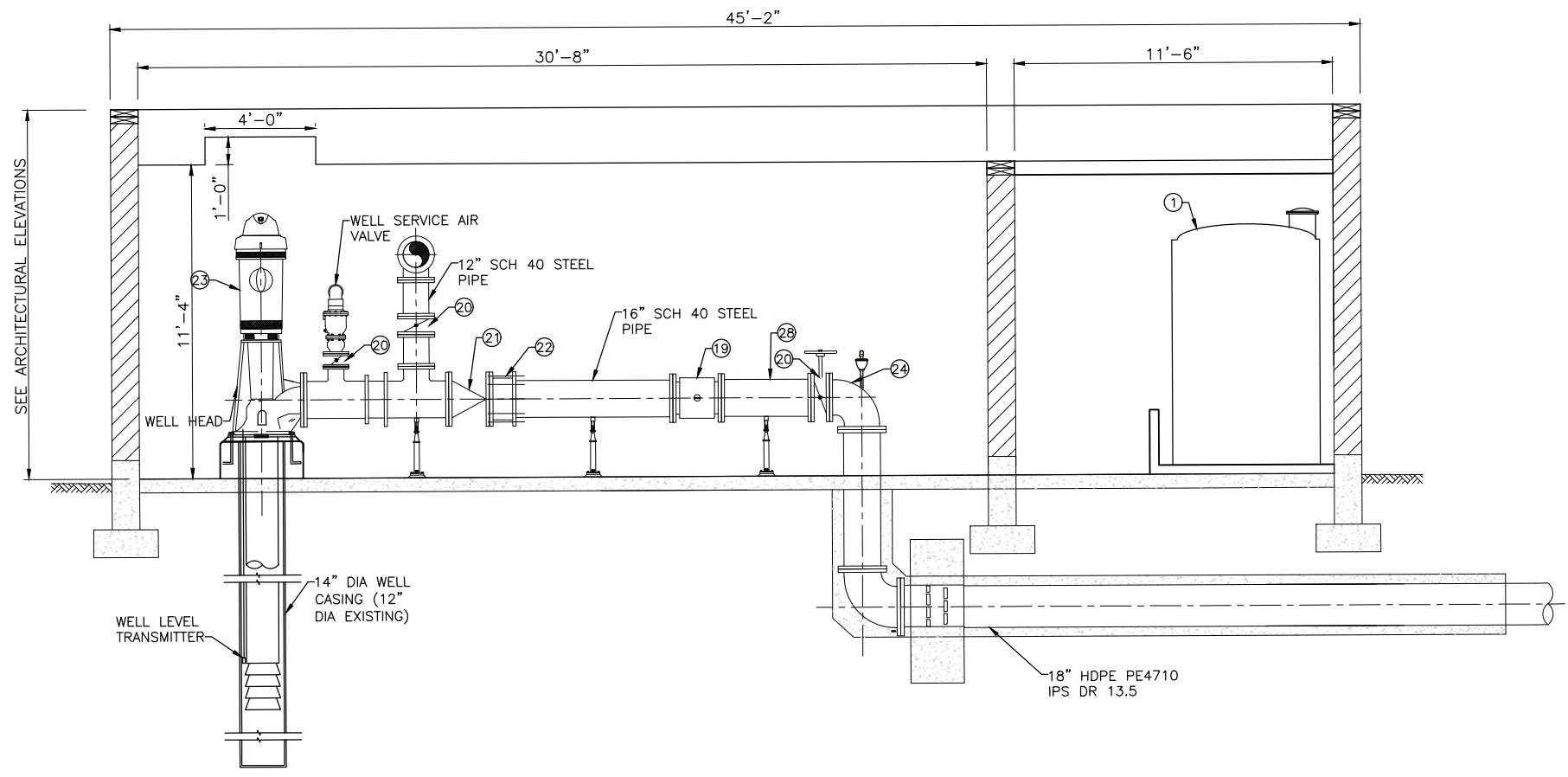
CIVIL	PROJECT NUMBER
PUMP HOUSE MECHANICAL PLAN	032-16-04
DATE:	FEBRUARY 2019

DRAWING NO.
M-01



KEYED NOTES:

- ① CHLORINE TANK
- ② TANKLESS WATER HEATER
- ④ DAY TANK
- ⑤ DOSING PUMP
- ⑥ ELECTRICAL DISCONNECT/INCOMING POWER
- ⑦ VFD
- ⑧ LIGHTING TRANSFORMER
- ⑨ RTU PANEL
- ⑩ LIGHTING PANEL
- ⑪ PRESSURE RECORDER
- ⑫ WATER METER TRANSMITTER/READOUT
- ⑬ MAIN CIRCUIT BREAKER
- ⑭ MANUAL TRANSFER SWITCH
- ⑮ POWER METER BASE
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- ⑱ RMP 480V POWER TRANSFORMER
- ⑲ FLOW METER
- ⑳ BUTTERFLY VALVE
- ㉑ CHECK VALVE
- ㉒ RESTRAINED DISMANTLING JOINT
- ㉓ 450 HP 3800 GPM VERTICAL TURBINE PUMP
- ㉔ INJECTION QUILL W/ INTEGRATED CHECK VALVE
- ㉕ EYE WASH AND SHOWER
- ㉖ FIRE EXTINGUISHER
- ㉗ 5' DIA. CHEMICAL SPILL CONTAINMENT MANHOLE
- ㉘ CONNECTION TO TANKLESS WATER HEATER



SECTION VIEW

PRELIMINARY

NO.	DATE	REV. BY	DESCRIPTION

SALT LAKE CITY PUBLIC UTILITIES
SALT LAKE CITY, UTAH

4TH AVE WELL AND BRICK TANK

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

DESIGN DESIGN J. BEAN	REVIEW CHECKED K. BAGLEY	APPROVED K. BAGLEY
DRAWN J. BEAN		

CIVIL

PUMP HOUSE MECHANICAL PLAN SECTIONS

DATE: FEBRUARY 2019 PROJECT NUMBER 032-16-04

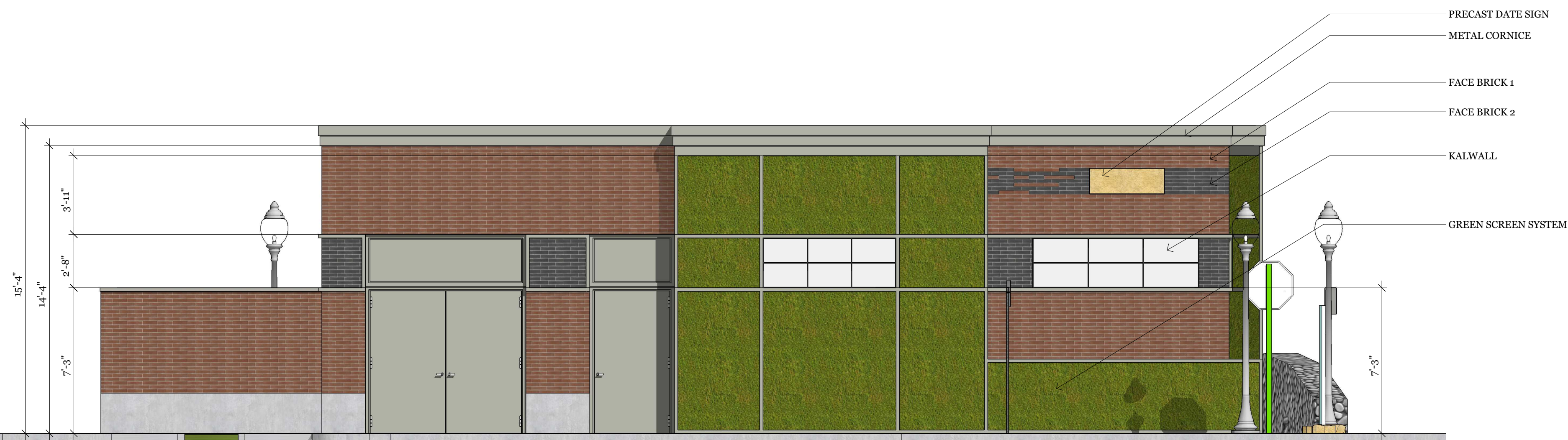
DRAWING NO.
M-02



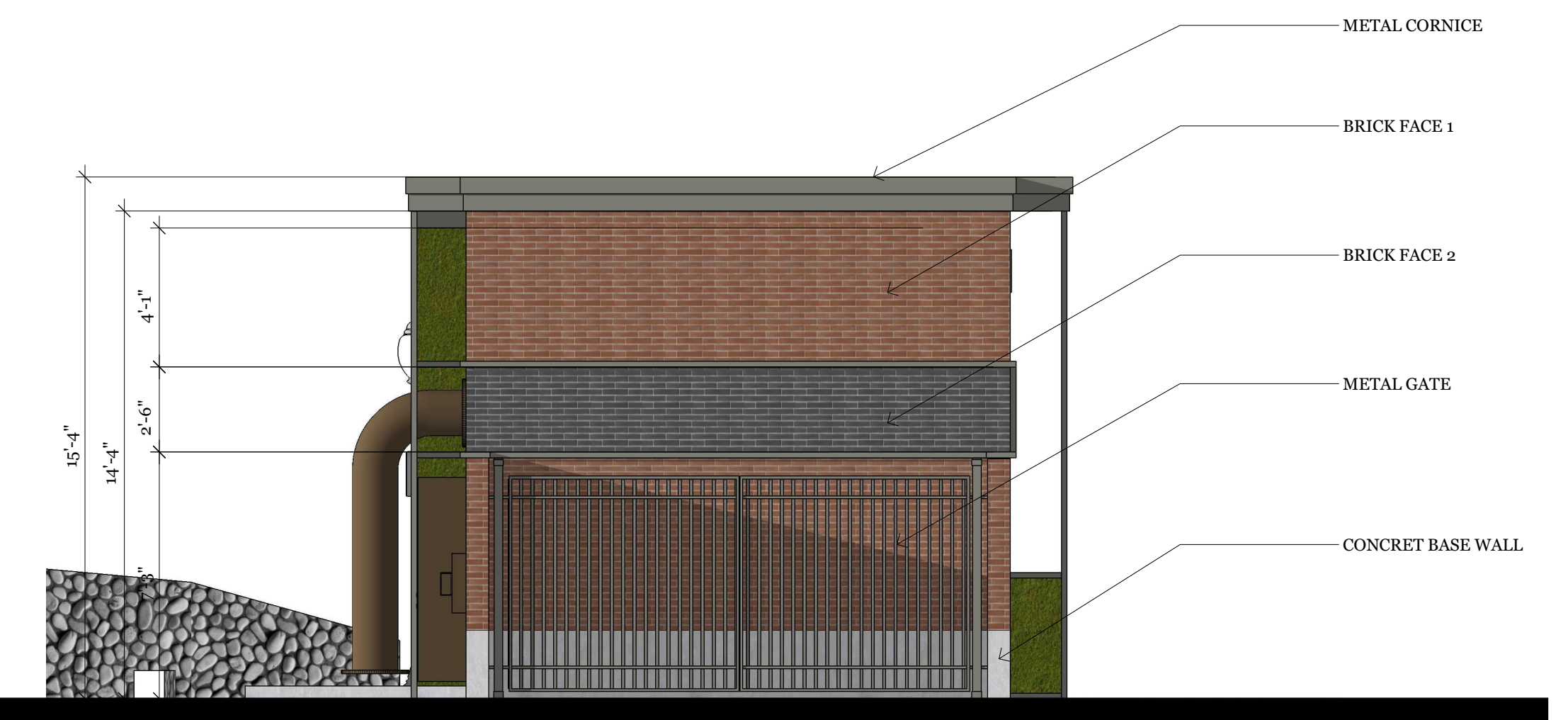
East Elevation
 scale 1/4" = 1'-0"



South Elevation
 scale 1/4" = 1'-0"



West Elevation
 scale 1/4" = 1'-0"



North Elevation
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West Elevation
 scale 1" = 1'-0"





