

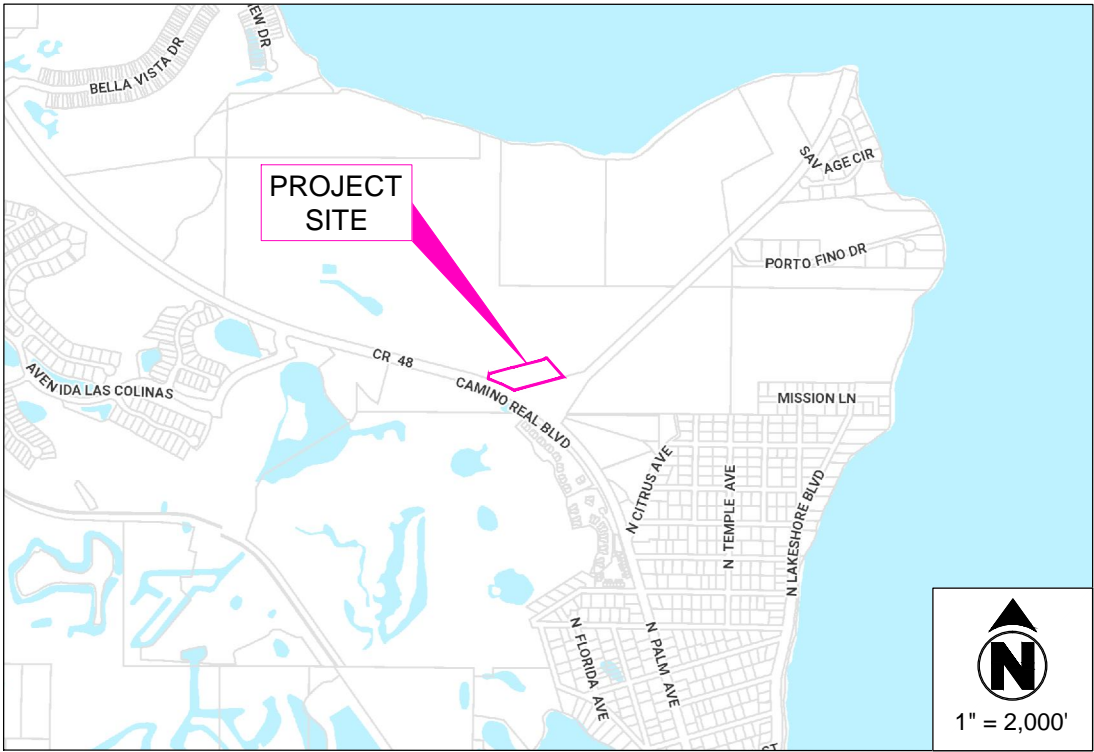
# WATER TREATMENT PLANT #3

## PRELIMINARY SITE PLAN

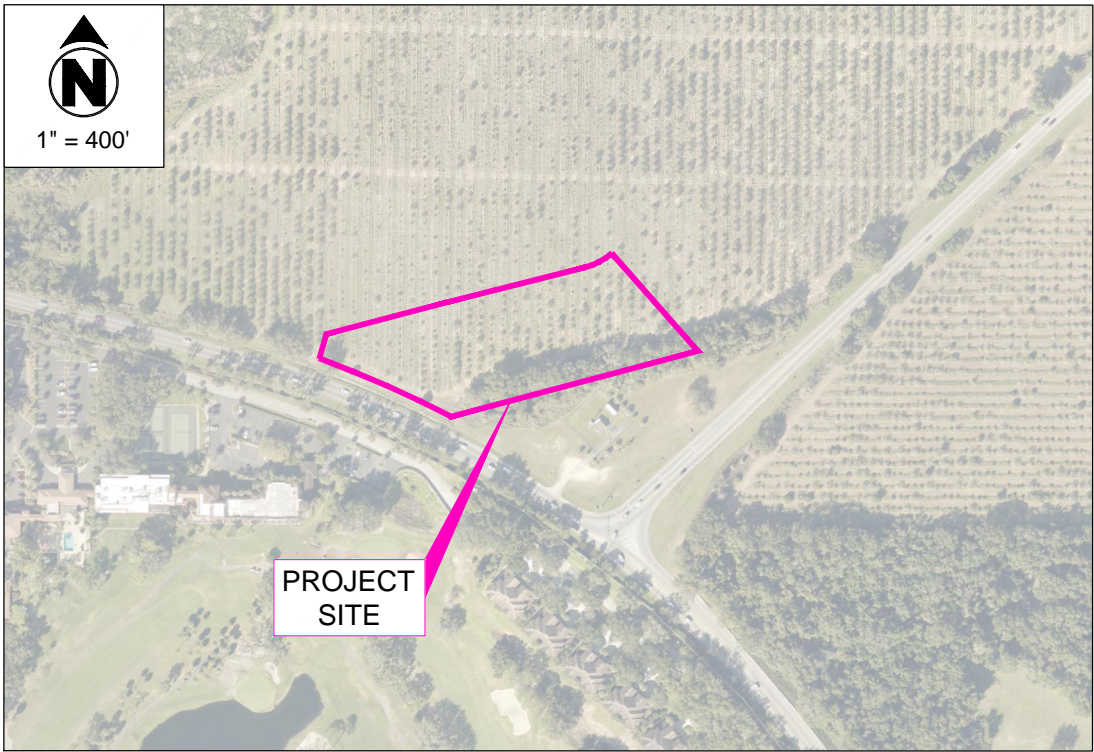
### INDEX

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VICINITY MAP



AERIAL MAP



TOWN OF  
HOWEY-IN-THE-HILLS  
101 N. PALM AVENUE  
P.O. BOX 128  
HOWEY-IN-THE-HILLS, FL 34737  
(352) 324-2290

GRIFFEY ENGINEERING, INC.  
36202 East Eldorado Lake Dr.  
EUSTIS, FLORIDA 32736  
(352) 589-2368

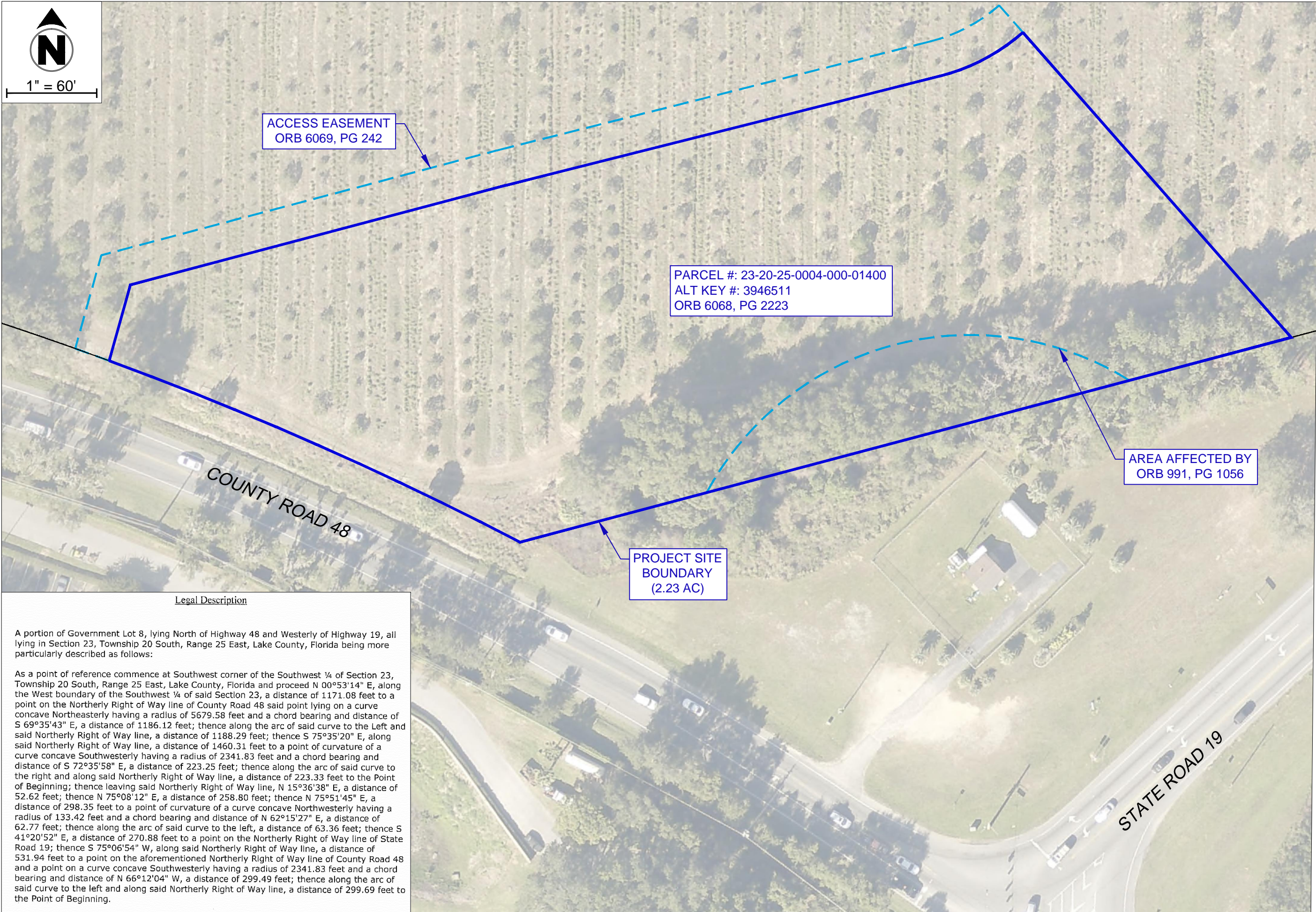
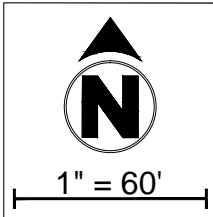
DONALD A. GRIFFEY  
FLORIDA 036799

WATER TREATMENT PLANT #3  
PRELIMINARY SITE PLAN

COVER

Date	Drawn By:
	DAG
	Drawing #:
	WTP3_7
	Project #:
	15028
	Scale:
07-28-2023	AS NOTED





Legal Description

A portion of Government Lot 8, lying North of Highway 48 and Westerly of Highway 19, all lying in Section 23, Township 20 South, Range 25 East, Lake County, Florida being more particularly described as follows:

As a point of reference commence at Southwest corner of the Southwest ¼ of Section 23, Township 20 South, Range 25 East, Lake County, Florida and proceed N 00°53'14" E, along the West boundary of the Southwest ¼ of said Section 23, a distance of 1171.08 feet to a point on the Northerly Right of Way line of County Road 48 said point lying on a curve concave Northeasterly having a radius of 5679.58 feet and a chord bearing and distance of S 69°35'43" E, a distance of 1186.12 feet; thence along the arc of said curve to the Left and said Northerly Right of Way line, a distance of 1188.29 feet; thence S 75°35'20" E, along said Northerly Right of Way line, a distance of 1460.31 feet to a point of curvature of a curve concave Southwesterly having a radius of 2341.83 feet and a chord bearing and distance of S 72°35'58" E, a distance of 223.25 feet; thence along the arc of said curve to the right and along said Northerly Right of Way line, a distance of 223.33 feet to the Point of Beginning; thence leaving said Northerly Right of Way line, N 15°36'38" E, a distance of 52.62 feet; thence N 75°08'12" E, a distance of 258.80 feet; thence N 75°51'45" E, a distance of 298.35 feet to a point of curvature of a curve concave Northwesterly having a radius of 133.42 feet and a chord bearing and distance of N 62°15'27" E, a distance of 62.77 feet; thence along the arc of said curve to the left, a distance of 63.36 feet; thence S 41°20'52" E, a distance of 270.88 feet to a point on the Northerly Right of Way line of State Road 19; thence S 75°06'54" W, along said Northerly Right of Way line, a distance of 531.94 feet to a point on the aforementioned Northerly Right of Way line of County Road 48 and a point on a curve concave Southwesterly having a radius of 2341.83 feet and a chord bearing and distance of N 66°12'04" W, a distance of 299.49 feet; thence along the arc of said curve to the left and along said Northerly Right of Way line, a distance of 299.69 feet to the Point of Beginning.

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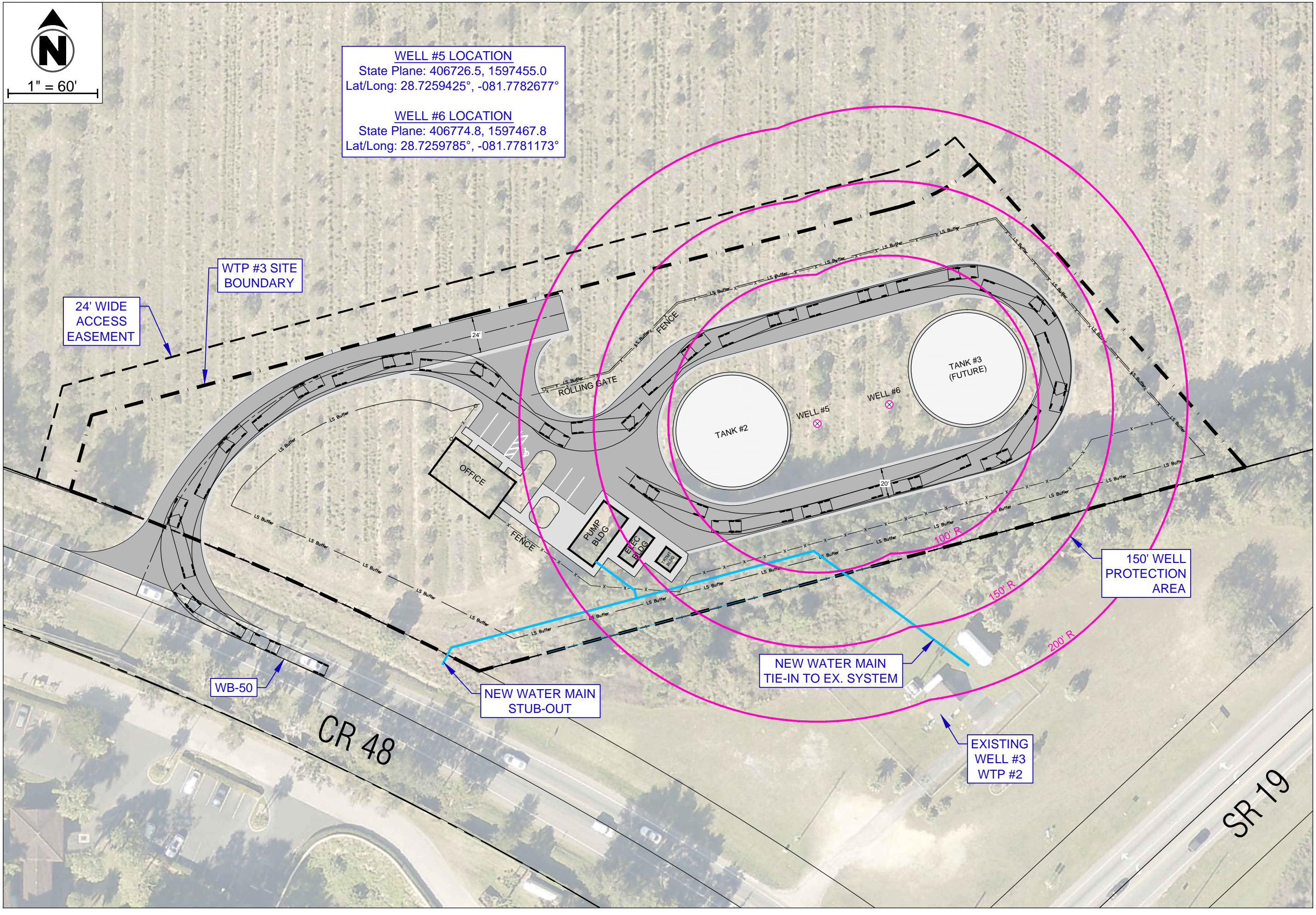
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SITE BOUNDARY

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**WELL #5 LOCATION**  
State Plane: 406726.5, 1597455.0  
Lat/Long: 28.7259425°, -081.7782677°

**WELL #6 LOCATION**  
State Plane: 406774.8, 1597467.8  
Lat/Long: 28.7259785°, -081.7781173°

24' WIDE  
ACCESS  
EASEMENT

WTP #3 SITE  
BOUNDARY

NEW WATER MAIN  
STUB-OUT

NEW WATER MAIN  
TIE-IN TO EX. SYSTEM

150' WELL  
PROTECTION  
AREA

EXISTING  
WELL #3  
WTP #2

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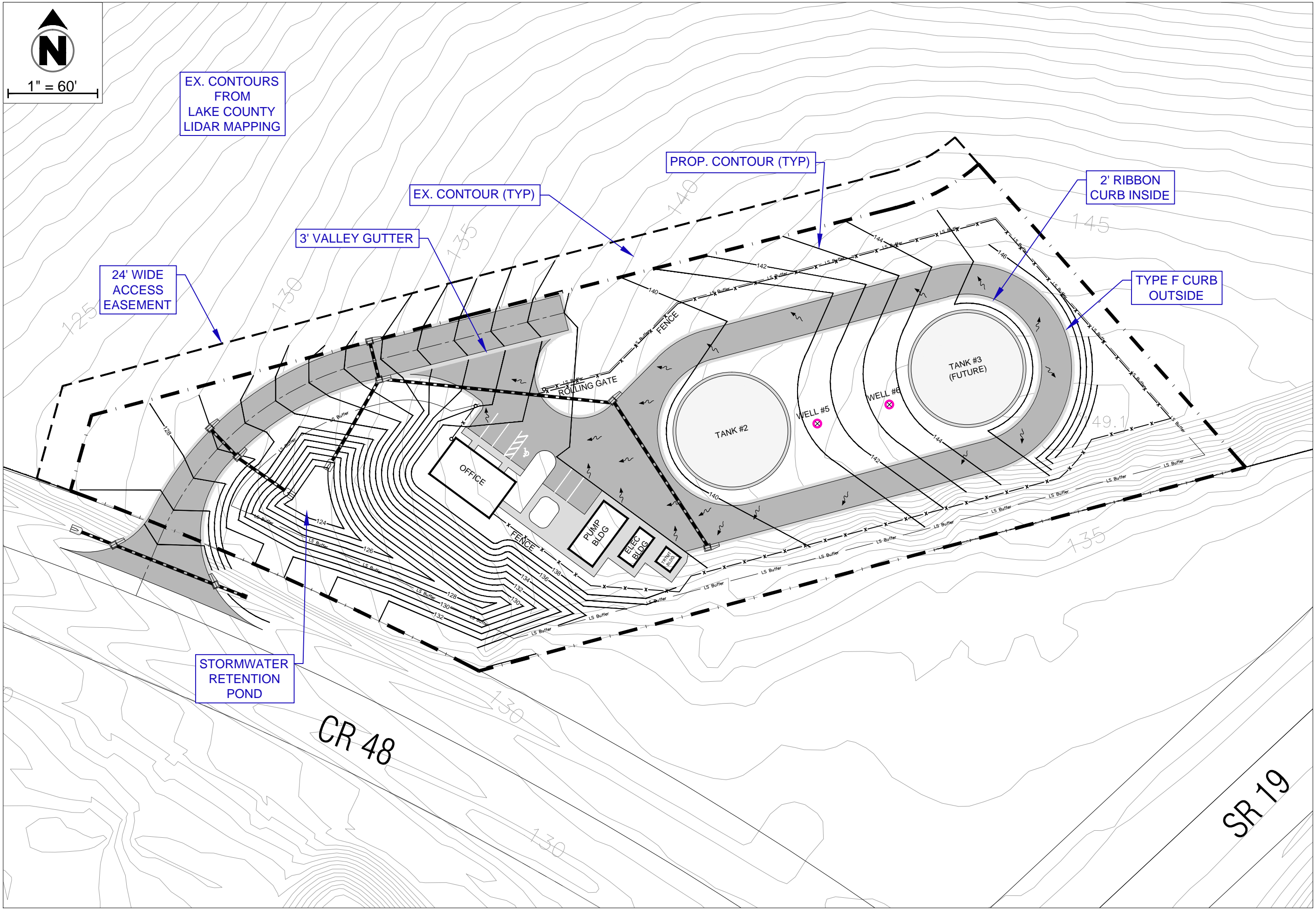
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WATER TREATMENT PLANT #3  
PRELIMINARY SITE PLAN

SITE LAYOUT

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1" = 60'

EX. CONTOURS  
FROM  
LAKE COUNTY  
LIDAR MAPPING

EX. CONTOUR (TYP)

PROP. CONTOUR (TYP)

3' VALLEY GUTTER

24' WIDE  
ACCESS  
EASEMENT

2' RIBBON  
CURB INSIDE

TYPE F CURB  
OUTSIDE

STORMWATER  
RETENTION  
POND

CR 48

SR 19

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WATER TREATMENT PLANT #3  
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PAVING, GRADING  
& DRAINAGE

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