

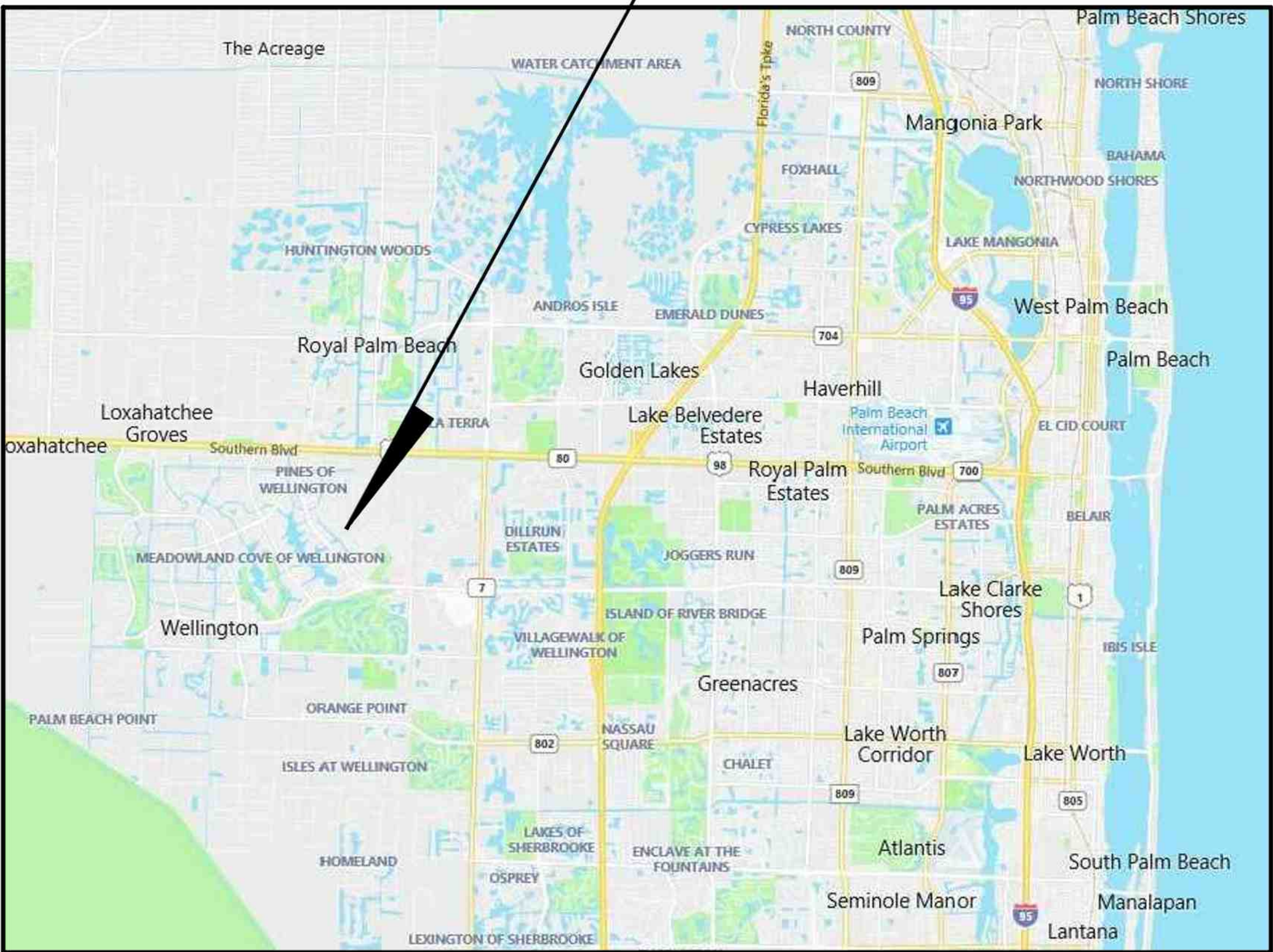
VILLAGE OF WELLINGTON



WATER TREATMENT FACILITY TRAIN NO. 7 BUILDOUT

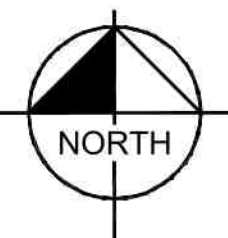
OCTOBER 2019

PROJECT
LOCATION

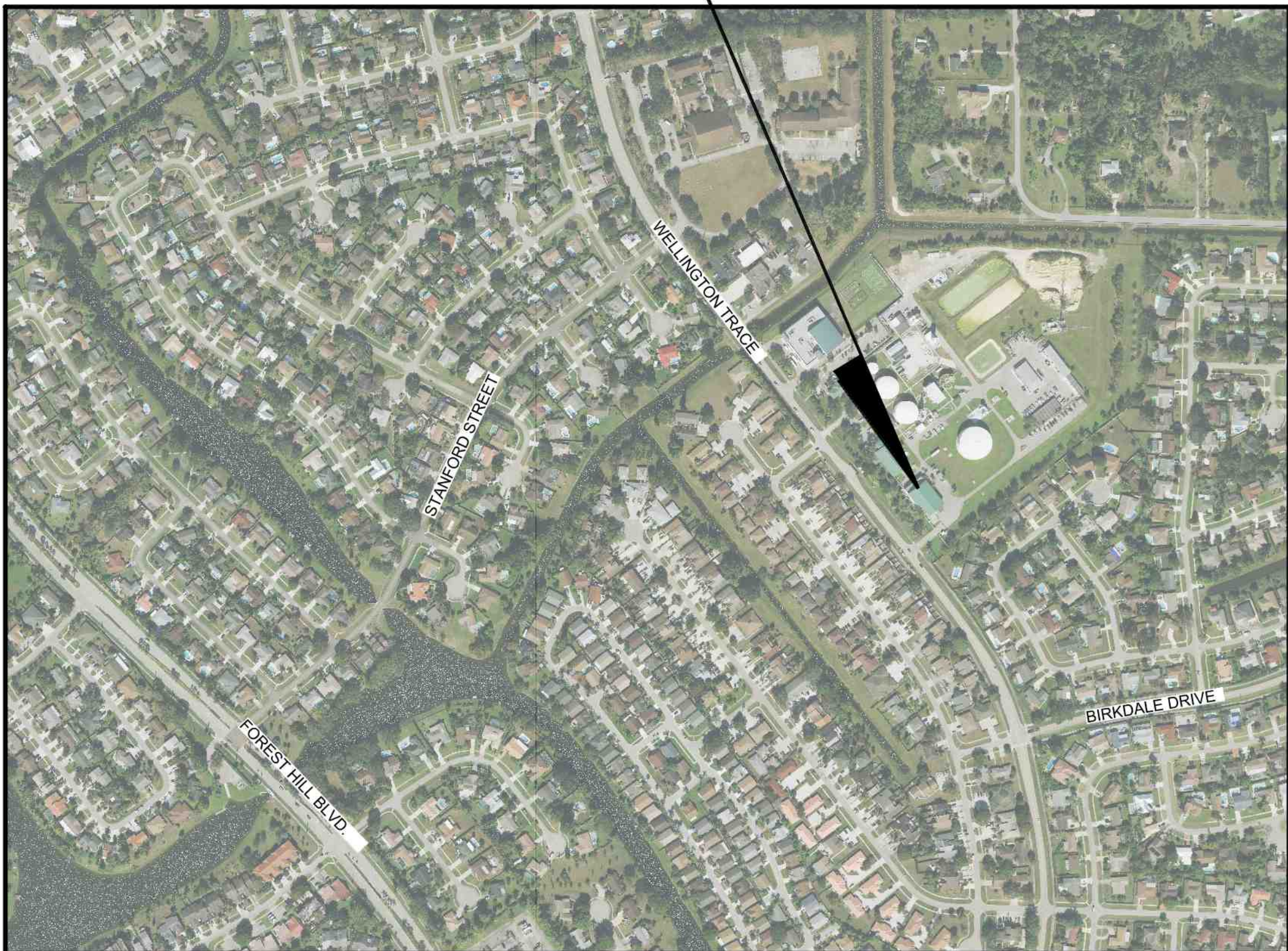


VICINITY MAP

N.T.S.

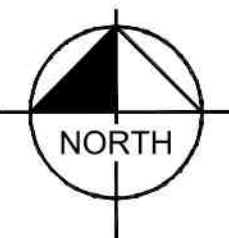


PROJECT
LOCATION



LOCATION MAP

N.T.S.



VILLAGE ADMINISTRATORS

COUNCIL:

MAYOR - ANNE GERWIG

COUNCILMAN - MICHAEL J. NAPOLEONE

COUNCILMAN - MICHAEL DRAHOS

COUNCILMAN - JOHN T McGOVERN

COUNCILWOMAN - TANYA SISKIND

VILLAGE MANAGER - PAUL SCHOFIELD

ASST. VILLAGE MANAGER - JAMES BARNES

UTILITY DIRECTOR - SHANNON LAROCQUE

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LICENSED PROFESSIONAL:

MATTHEW TEBOW, P.E.
FL LIC NO. 82414

KHA PROJECT
144957030

DATE
OCT. 2019

SCALE: AS SHOWN

DESIGNED BY: MT

DRAWN BY: RLL

CHECKED BY: JP

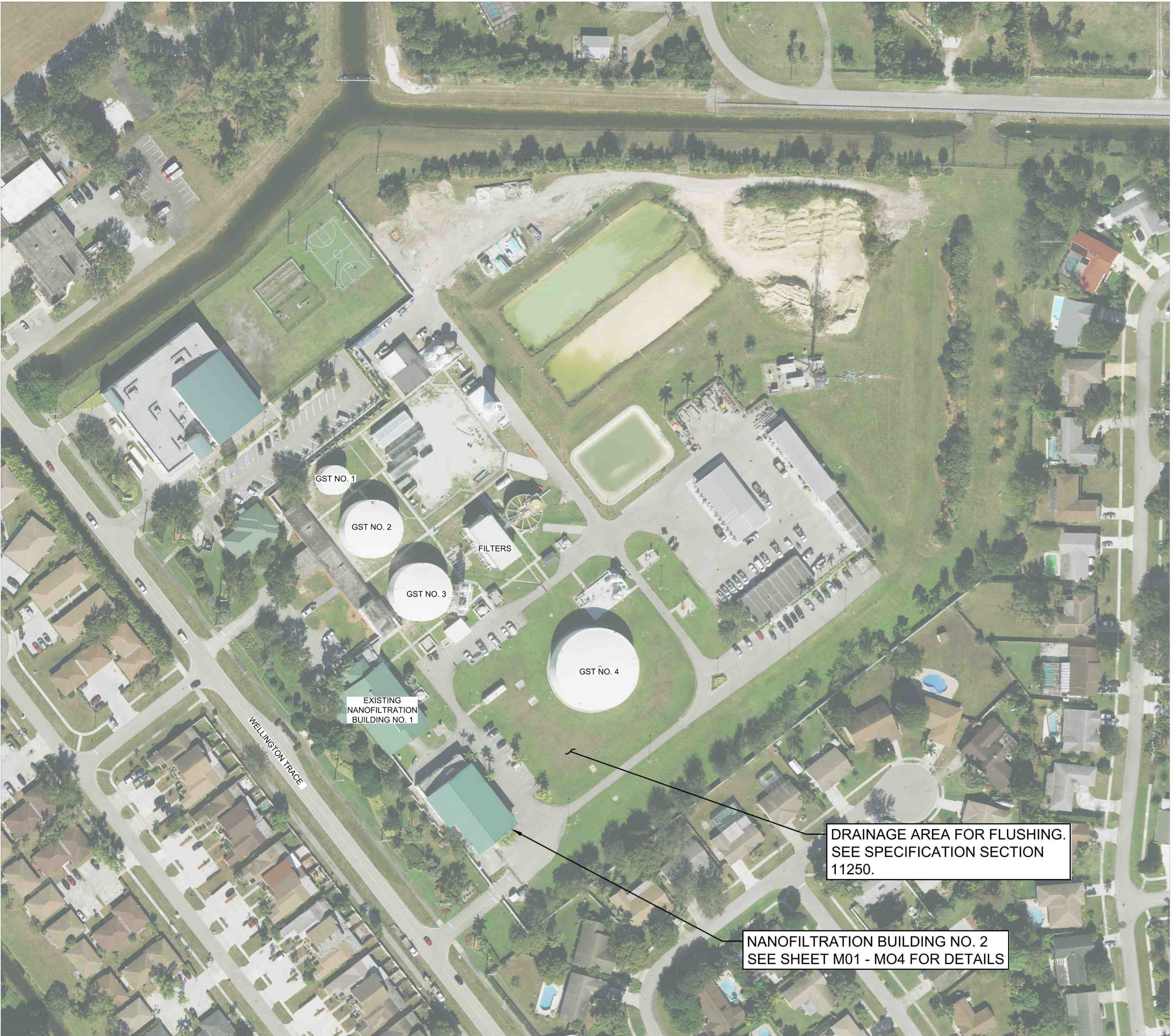
VILLAGE OF
WELLINGTON
TRAIN NO. 7
BUILDOUT

COVER PAGE

SHEET NUMBER
G01

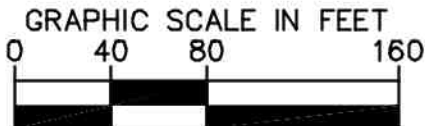
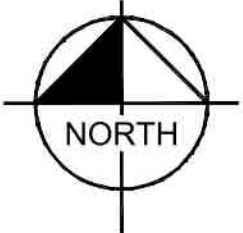
No. Revisions By Date

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SITE KEY MAP

SCALE: 1" = 80'



SHEET INDEX	
SHEET NUMBER	SHEET TITLE
G01	COVER SHEET
G02	INDEX, KEY MAP, AND GENERAL NOTES
M01	EXISTING CONDITIONS PLAN
M02	PROPOSED TRAIN NO. 7 MODIFICATIONS KEY MAP
M03	PROPOSED TRAIN NO. 7 FEED/CONCENTRATE END DETAILS
M04	PROPOSED TRAIN NO. 7 PERMEATE END DETAILS

GENERAL NOTES:

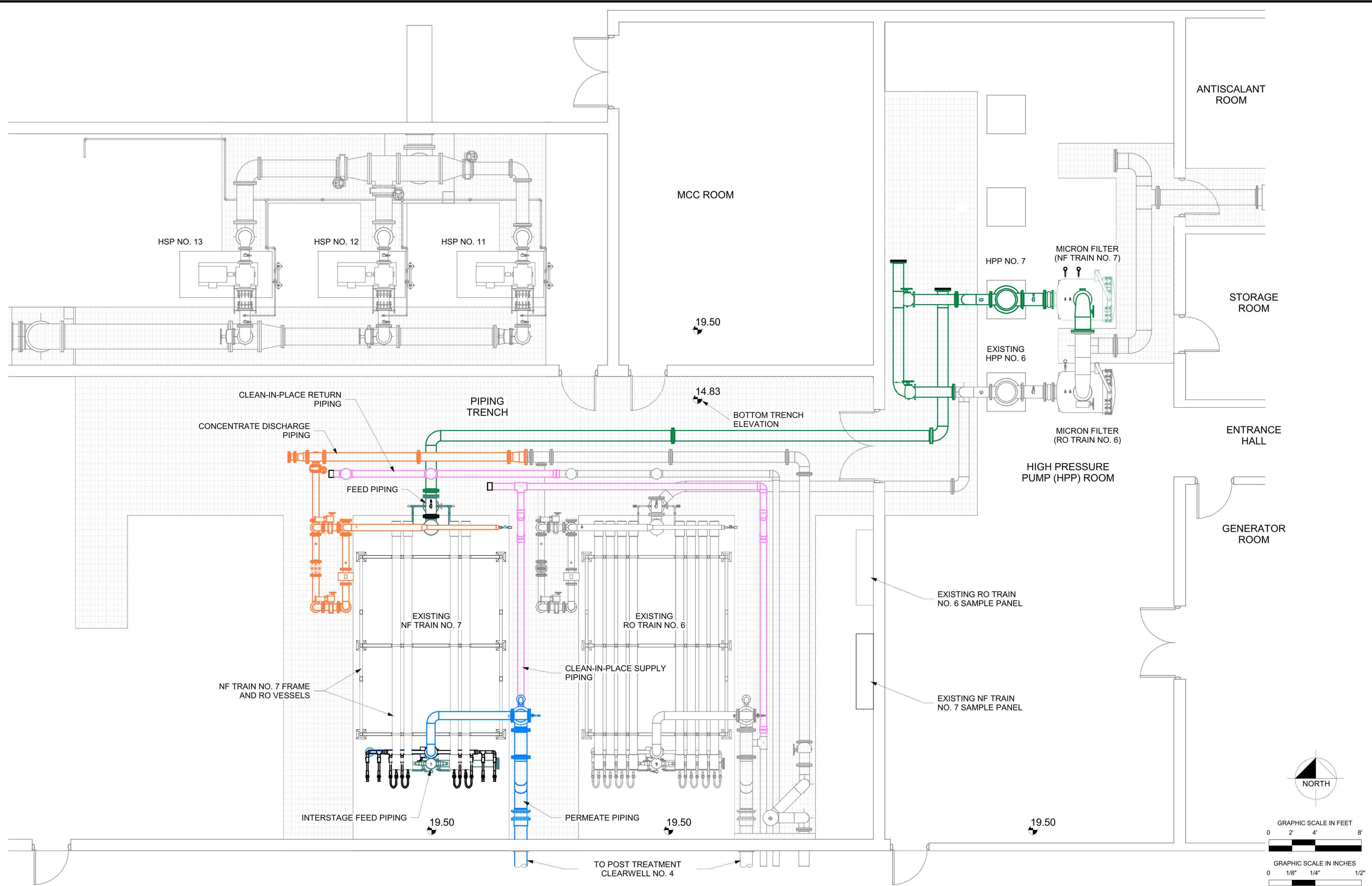
- THE TRAIN NO. 7 BUILDOUT INCLUDES 18 FIRST-STAGE AND 8 SECOND-STAGE PRESSURE VESSELS (26 TOTAL) INCLUDING ALL ASSOCIATED COUPLINGS, PIPING, FITTINGS, SUPPORT STRAPS, AND SPOOL PIECES AS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
- THE MEMBRANE ELEMENTS SHALL BE SUPPLIED BY OWNER. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
- PRESSURE VESSELS SHALL BE SUPPLIED BY OWNER. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
- UNLESS OTHERWISE NOTED, ALL STAINLESS STEEL PIPING AND FITTINGS SHALL BE SEAMLESS 316/316L SCHEDULE 10 S (MINIMUM). ALL STAINLESS STEEL PIPING AND FITTINGS SHALL BE BUTT WELDED. ALL PVC PIPING SHALL BE SCHEDULE 80.
- ALL MATERIALS IN CONTACT WITH POTABLE WATER SHALL SATISFY APPLICABLE REGULATORY REQUIREMENTS AND BE NSF 60/61 APPROVED.
- PRESSURE VESSELS SHALL BE SECURED WITH THE MANUFACTURER'S STANDARD CAST URETHANE SADDLE AND STAINLESS STEEL SUPPORT STRAPS.

ABBREVIATIONS:

GE	GROOVED END
NF	NANOFILTRATION
RO	REVERSE OSMOSIS

KHA PROJECT 144957030		LICENSED PROFESSIONAL: MATTHEW TEBOW, P.E. FL LIC NO. 82414		Kimley»Horn © 2019 KIMLEY-HORN AND ASSOCIATES, INC. 1920 WERKIA WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE: 561-945-0665 WWW.KIMLEY-HORN.COM	
DATE OCT. 2019	SCALE: AS SHOWN	DESIGNED BY: MT	DRAWN BY: RLL	CHECKED BY: JP	DATE:
VILLAGE OF WELLINGTON TRAIN NO. 7 BUILDOUT			SHEET INDEX, KEY MAP, AND GENERAL NOTES		
SHEET NUMBER G02			No. _____ By _____ Revisions _____ Date _____		

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1 NEW CONSTRUCTION PLAN
1/4" = 1'-0"

NOTE:
SCREENED LINEWORK DEPICTS EXISTING CONDITIONS PRIOR TO
MODIFICATIONS CURRENTLY UNDER CONSTRUCTION. COLORED
LINEWORK DEPICTS MODIFICATIONS CURRENTLY UNDER CONSTRUCTION.

No.	Revisions	By	Date

Kimley»Horn

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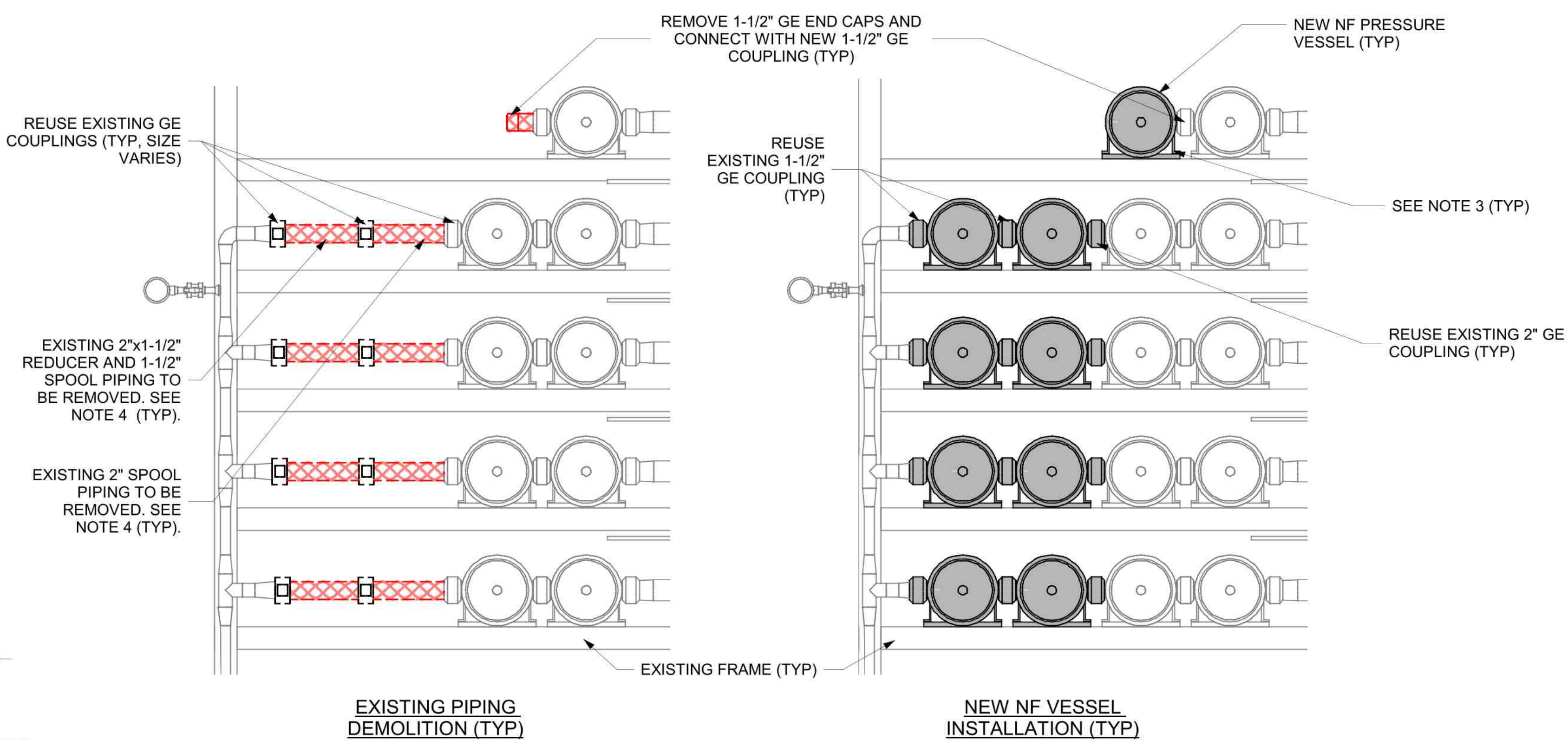
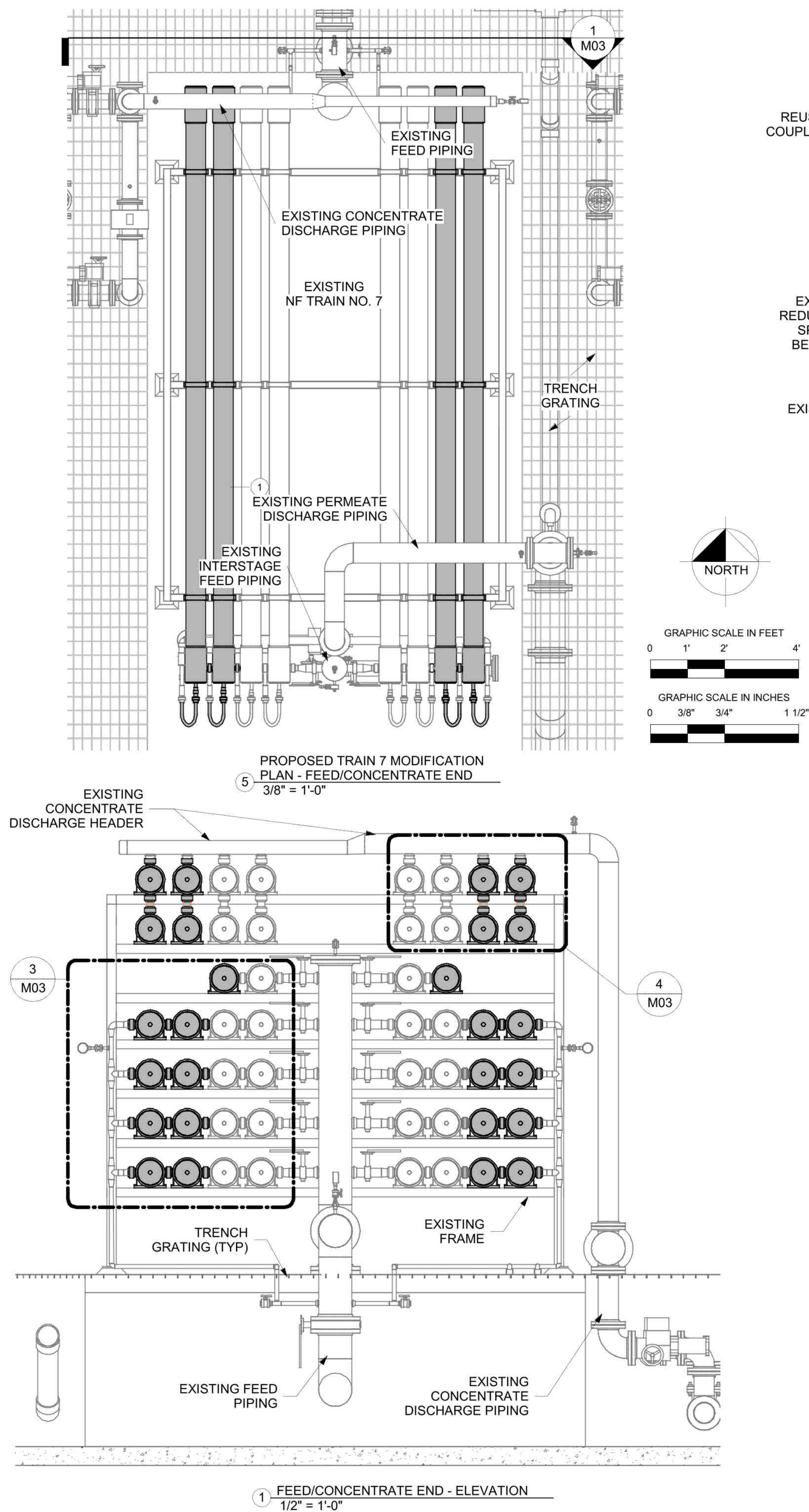
KHA PROJECT 144957030	DATE OCT. 2019	SCALE: AS SHOWN	DESIGNED BY: MT	DRAWN BY: RLL	CHECKED BY: JP
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VILLAGE OF
WELLINGTON
TRAIN NO. 7
BUILDOUT

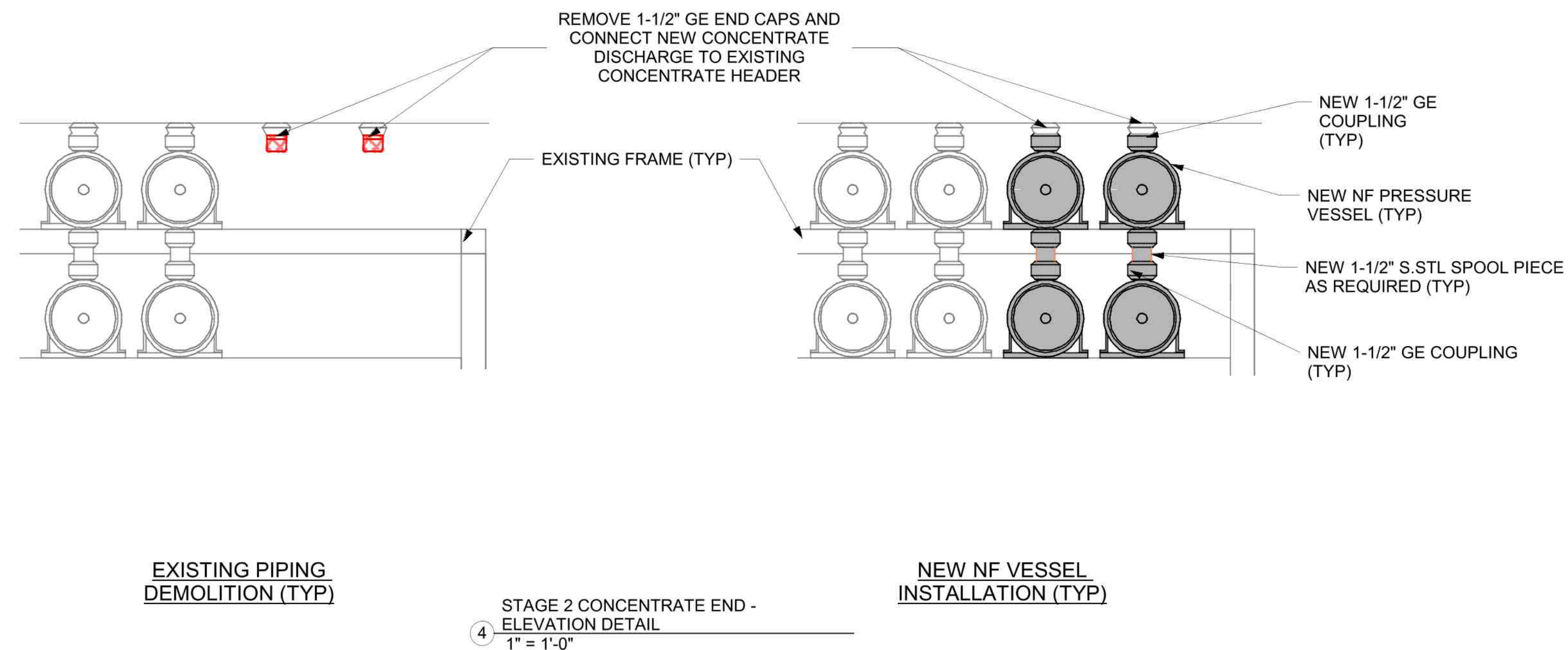
EXISTING
CONDITIONS PLAN

SHEET NUMBER
M01

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3 STAGE 1 FEED END - ELEVATION
DETAIL
1" = 1'-0"



4 STAGE 2 CONCENTRATE END - ELEVATION
DETAIL
1" = 1'-0"

NOTES:

1. THE TRAIN NO. 7 BUILDOUT INCLUDES 18 FIRST-STAGE AND 8 SECOND-STAGE PRESSURE VESSELS (26 TOTAL) INCLUDING ALL ASSOCIATED COUPLINGS, PIPING, FITTINGS, SUPPORT STRAPS, AND SPOOL PIECES AS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
2. THE MEMBRANE ELEMENTS SHALL BE SUPPLIED BY OWNER. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
3. PRESSURE VESSELS SHALL BE SUPPLIED BY OWNER. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
4. PRESSURE VESSELS SHALL BE SECURED WITH THE MANUFACTURER'S STANDARD CAST URETHANE SADDLE AND STAINLESS STEEL SUPPORT STRAPS. SHIM AS REQUIRED WITH 316 STAINLESS STEEL SHIMS.
5. SPOOL PIPING TO BE REMOVED, MARKED FOR LOCATION, AND DELIVERED TO OWNER.

- DENOTES NEW WORK
- DENOTES DEMOLITION WORK

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KHA PROJECT
144957030

DATE
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VILLAGE OF
WELLINGTON
TRAIN NO. 7
BUILDOUT

PROPOSED TRAIN
NO. 7
FEED/CONCENTRATE
END DETAILS

SHEET NUMBER
M03

Revisions
By
Date

