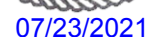




KFY MAP

SCALE: 1"=300'

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WATER & WASTEWATER CONSTRUCTION PLANS
FALCON MEADOWS AT BENT GRASS FILING NO. 1

CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

[illegible]

Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

PHASING PLAN (PHASE 1)



Know what's **below**.
Call before you dig.

U0.3

Sheet 4 of 21

EPC 9/28/2021



Drawn: GCM	Revised:	WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-18
Date: JAN. 2011	Revised:			
Scale: N.T.S.	Revised:			

W-18



ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE BEARING OF THE LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 1, T13S, R65W AND THE WEST QUARTER CORNER SECTION 1, T13S, R65W IS N00°13'46"W AND MONUMENTED AS SHOWN:

THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR LS# 24954 ELEVATION = 6947.67

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.



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EPC 9/28/2021

WATER & WASTEWATER CONSTRUCTION PLANS
FALCON MEADOWS AT BENT GRASS FILING NO. 1
FOR
CHALLENGER COMMUNITIES, LLC

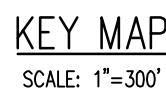
BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

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Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

PHASING PLAN (PHASE 2)

U0.4
Sheet 5 of 21



- ## BASIS OF BEARINGS

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BENCHMARK

THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYOR'S CAP ON A NO. 4 REBAR LS# 24954 ELEVATION = 6947.67

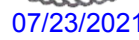
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CHALLENGER HOMES

WATER & WASTEWATER CONSTRUCTION PLANS
FALCON MEADOWS AT BENT GRASS FILING NO. 1

CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

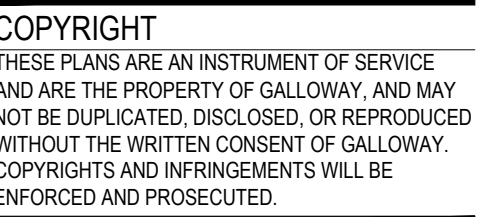
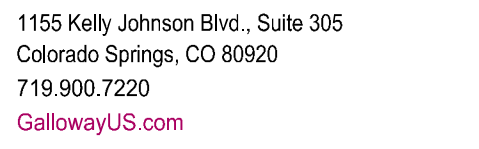
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Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

HORIZONTAL CONTROL PLAN

U0.5

Sheet 6 of 21



WATER & WASTEWATER CONSTRUCTION PLANS
FALCON MEADOWS AT BENT GRASS FILING NO. 1
FOR
CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

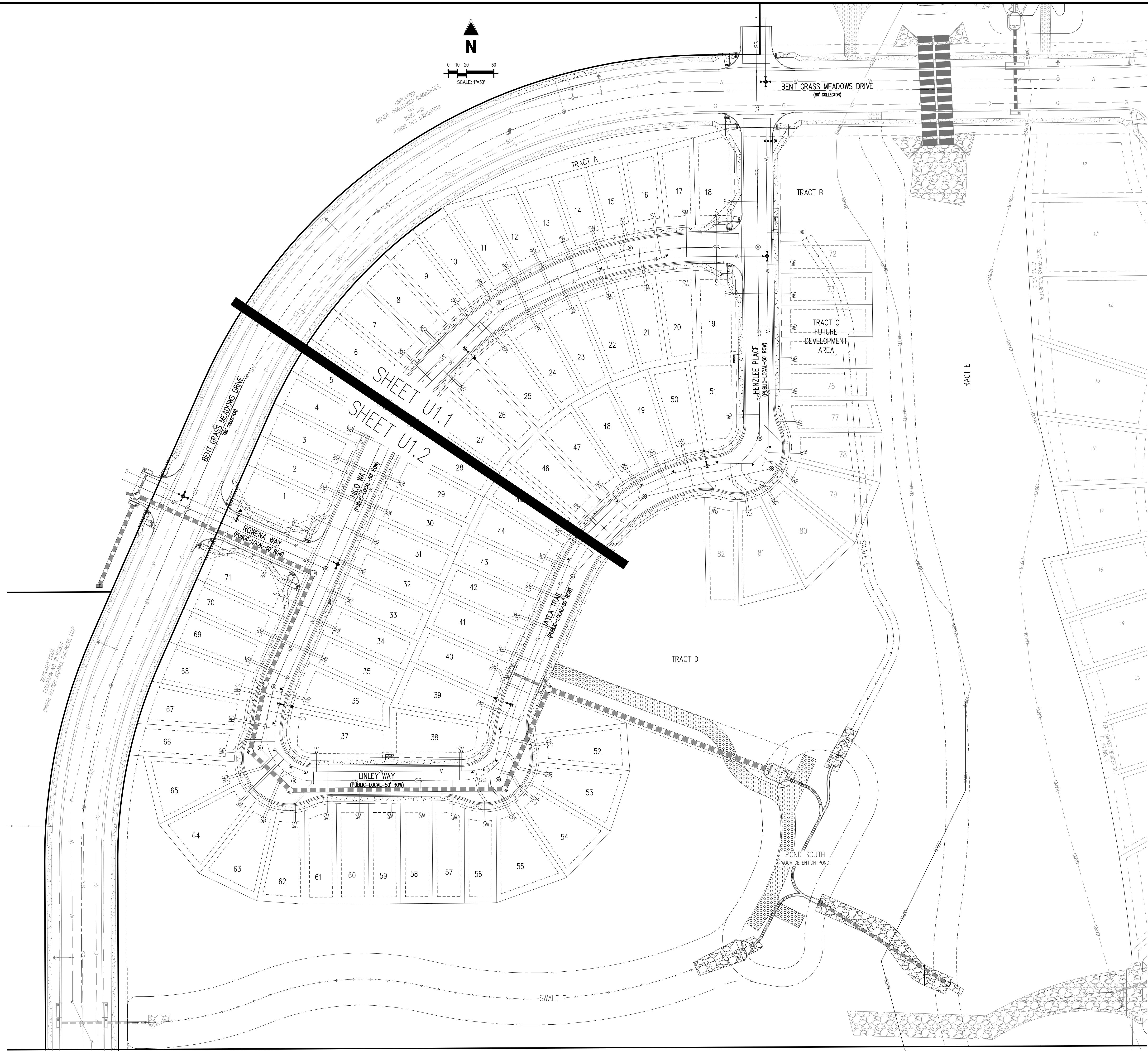
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Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

WATER PLAN KEY MAP

U1.0

Sheet 7 of 21



EPC 9/28/2021



	EXISTING PROPERTY LINE (PROJECT BOUNDARY)
	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	EXISTING LOT LINE
	PROPOSED LOT LINE
	EXISTING EASEMENT
	PROPOSED EASEMENT
	EXISTING STORM DRAIN PIPE
	PROPOSED STORM DRAIN PIPE
	EXISTING WATER LINE
	PROPOSED WATER LINE
	EXISTING SANITARY SEWER LINE
	PROPOSED SANITARY SEWER LINE
	EXISTING DRAINAGE FEATURE OUTLINE
	PROPOSED DRAINAGE FEATURE OUTLINE
	EXISTING SWALE WITH FLOW DIRECTION
	PROPOSED SWALE WITH FLOW DIRECTION
	100-YEAR FLOODPLAIN
	PROPOSED CDOT CLASS 6 GRAVEL
	PROPOSED RIP RAP
	EXISTING CONCRETE PAVING
	EXISTING CDOT CLASS 6 GRAVEL
	EXISTING 1" TO 2" CRUSHED ROCK
	EXISTING RIP RAP
	EXISTING GROUTED BOULDERS
	PROPOSED LOT #
	EXISTING LOT # (BENT GRASS PLING NO. 2)
	PROPOSED ADA RAMP
	PROPOSED FIRE HYDRANT
	PROPOSED GATE VALVE
	PROPOSED REDUCER
	PROPOSED WATER BEND/TEE
	PROPOSED SANITARY MANHOLE
	PROPOSED FES
	PROPOSED STORM MANHOLE
	PROPOSED CDOT TYPE R STORM INLET

1. ALL WATER MAINS SHALL BE NO CLOSER THAN FIVE FEET (5') TO EDGE OF CONCRETE CURB AND/OR GUTTER.
2. WATER MAINS SHALL BE DESIGNED FOR A MINIMUM OF FIVE FEET SIX INCHES (5'-6") AND A MAXIMUM OF SIX FEET SIX INCHES (6'-6") OF COVER, EXCEPT WHERE ANOTHER UTILITY CAUSES A CONFLICT, IN WHICH CASE THE WATER MAIN SHALL BE LOWERED AS NECESSARY.
3. A VALVE SHALL ALWAYS BE PROVIDED WHERE A MAIN WILL BE EXTENDED IN THE FUTURE TO FACILITATE CONNECTING TO THE EXISTING MAIN WITHOUT DISRUPTING SERVICE. THERE SHALL BE A TWENTY FOOT (20') STUB PAST THE VALVE TO FACILITATE EASE OF CONNECTION.
4. CONTRACTOR TO READ AND BECOME FAMILIAR WITH THE WOODMEN HILLS METROPOLITAN DISTRICT WATER AND WASTEWATER SYSTEM STANDARD SPECIFICATIONS CRITERIA MANUAL AND DETAILS PRIOR TO BEGINNING CONSTRUCTION.

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CHALLENGER HOMES

FOR
CHALLENGER COMMUNITIES, LLC

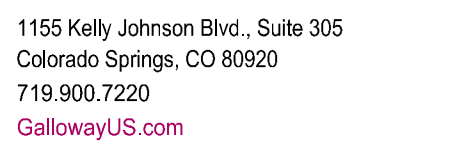
BENT GRASS MEADOWS DRIVE & MERDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

[illegible]

Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

U1.2
Sheet 9 of 21

41Challenger Horries, Inc/CO, ☐ Paso County-CLHD00016-Sent Grass Filing JICADD3-CDUTIL/CLH16_W12_ Water Plan dig - Caleb Johnson - 7/23/2021



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FALCON, CO 80831 - EL PASO COUNTY

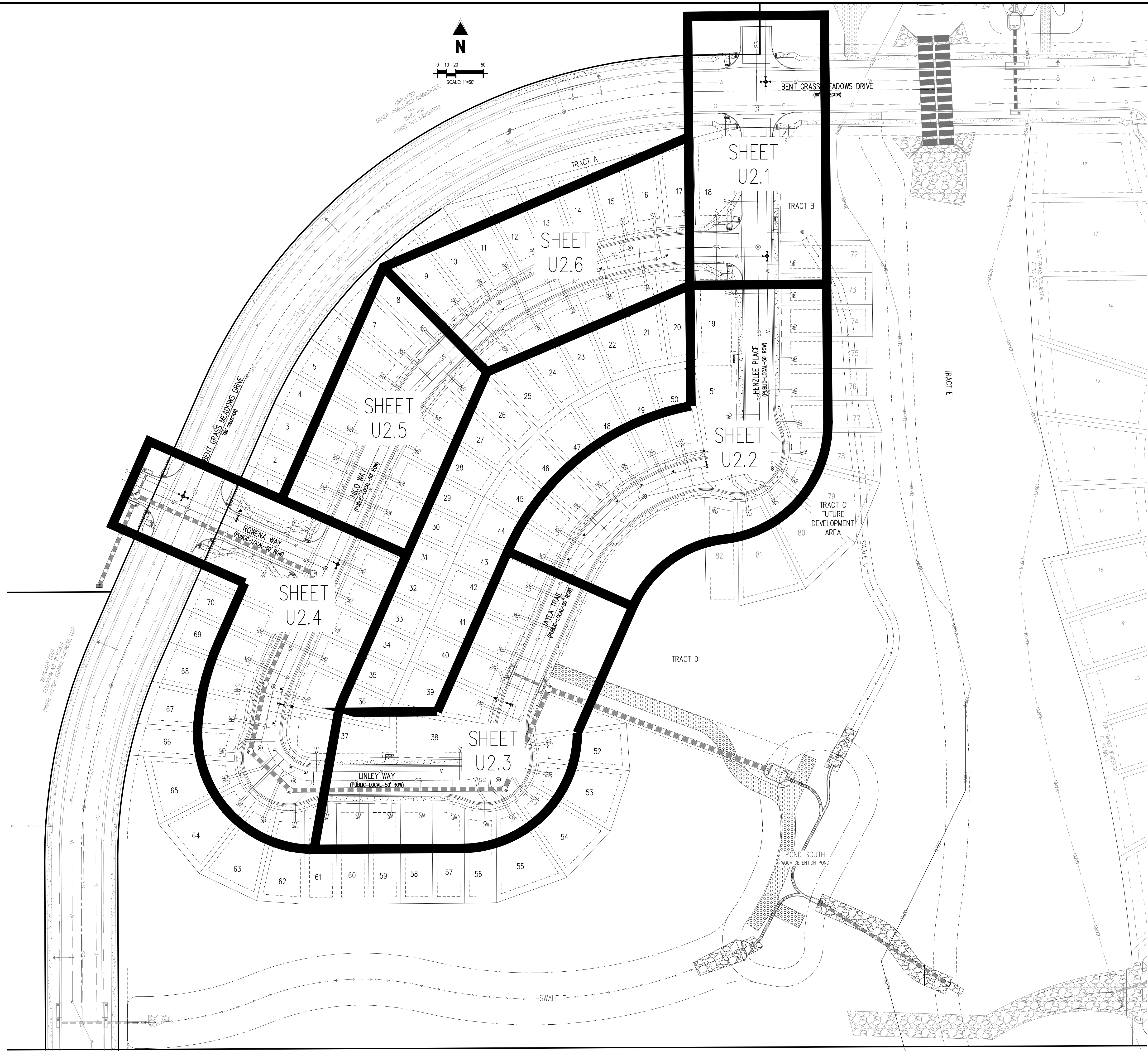
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Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

WASTEWATER PLAN KEY MAP

U2.0

Sheet 10 of 21



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FALCON MEADOWS AT BENT GRASS FILING NO. 1
FOR
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BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

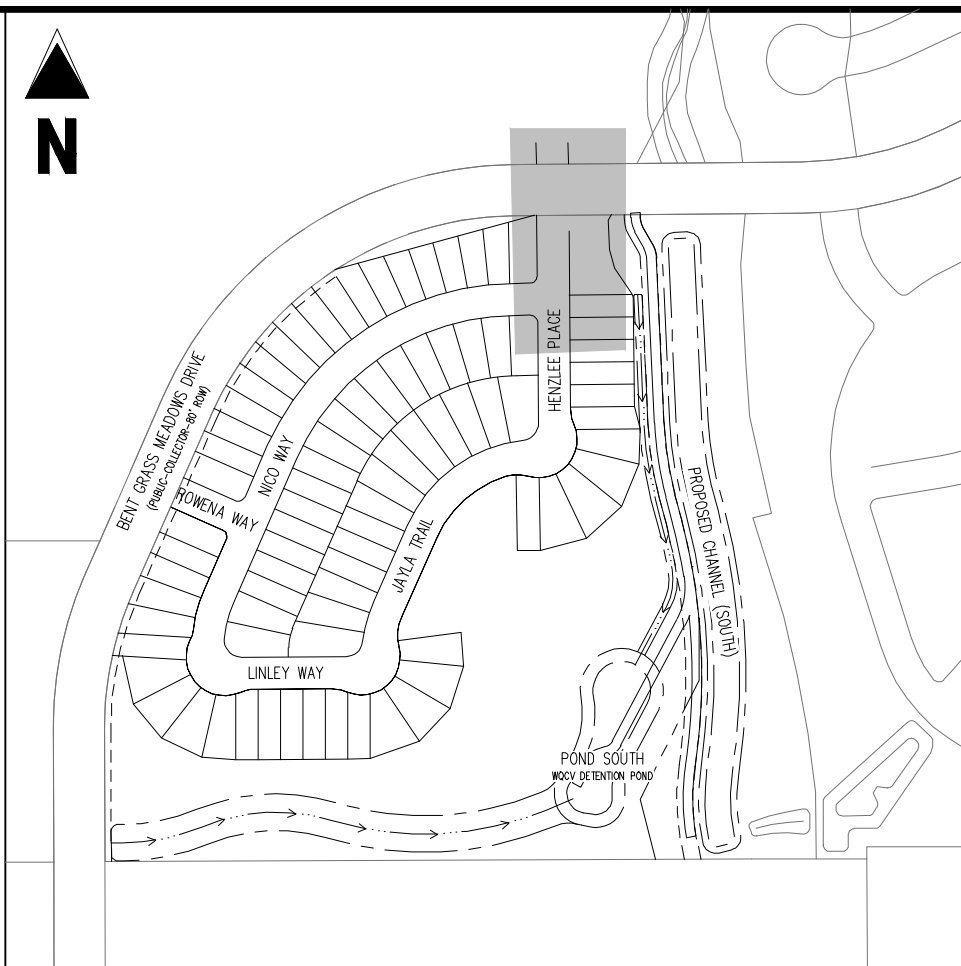
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Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

WASTEWATER PLAN & PROFILE

U2.1

Sheet 11 of 21



KEY MAP
SCALE: 1"=300'

LEGEND

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| | EXISTING PROPERTY LINE (PROJECT BOUNDARY) |
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| | EXISTING RIGHT OF WAY LINE |
| | PROPOSED RIGHT OF WAY LINE |
| | EXISTING LOT LINE |
| | PROPOSED LOT LINE |
| | EXISTING EASEMENT |
| | PROPOSED EASEMENT |
| | EXISTING STORM DRAIN PIPE |
| | PROPOSED STORM DRAIN PIPE |
| | EXISTING WATER LINE |
| | PROPOSED WATER LINE |
| | EXISTING SANITARY SEWER LINE |
| | PROPOSED SANITARY SEWER LINE |
| | EXISTING DRAINAGE FEATURE OUTLINE |
| | PROPOSED DRAINAGE FEATURE OUTLINE |
| | EXISTING SWALE WITH FLOW DIRECTION |
| | PROPOSED SWALE WITH FLOW DIRECTION |
| | 100-YEAR FEMA FLOODPLAIN |
| | EXISTING CDOT CLASS 6 GRAVEL |
| | PROPOSED RIP RAP |
| | EXISTING CONCRETE PAVING |
| | EXISTING CDOT CLASS 6 GRAVEL |
| | EXISTING 1" TO 2" CRUSHED ROCK |
| | EXISTING RIP RAP |
| | EXISTING GROUTED BOULDERS |
| | PROPOSED LOT # |
| | EXISTING LOT # (BENT GRASS FLING NO. 2) |
| | PROPOSED ADA RAMP |
| | PROPOSED FIRE HYDRANT |
| | PROPOSED GATE VALVE |
| | PROPOSED REDUCER |
| | PROPOSED WATER BEND/TEE |
| | PROPOSED SANITARY MANHOLE |
| | PROPOSED FES |
| | PROPOSED STORM MANHOLE |
| | PROPOSED CDOT TYPE R STORM INLET |

NOTES

1. ALL STATION CALLOUTS ARE TO THE CENTERLINE OF ROADWAY, THEREFORE MANHOLE RIMS MAY APPEAR TO NOT MEET FINISH GRADE
2. CONTRACTOR TO READ AND BECOME FAMILIAR WITH THE WOODMEN HILLS METROPOLITAN DISTRICT WATER AND WASTEWATER SYSTEM STANDARD SPECIFICATIONS CRITERIA MANUAL AND DETAILS PRIOR TO BEGINNING CONSTRUCTION.

BASIS OF BEARINGS

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BENCHMARK

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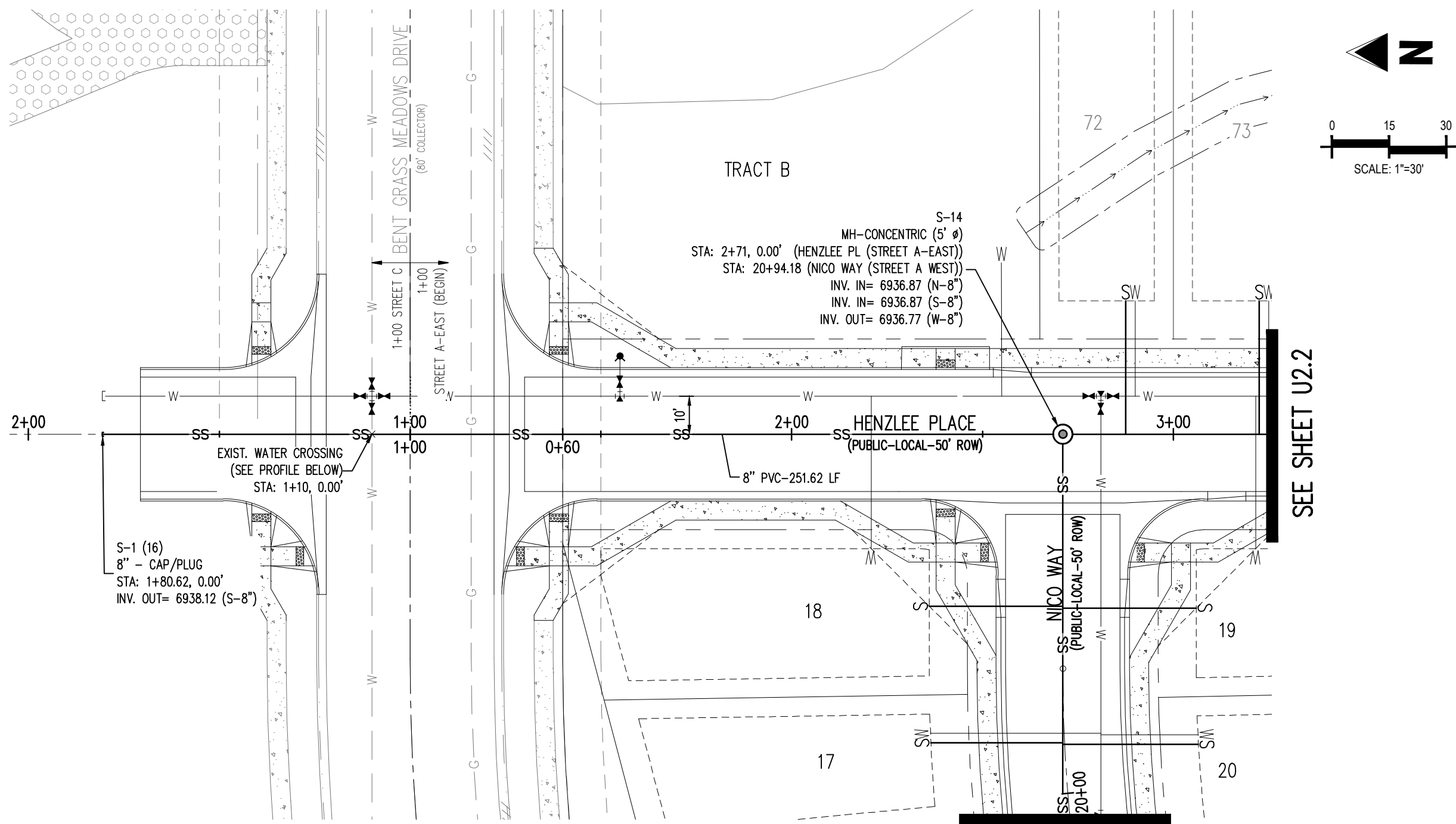
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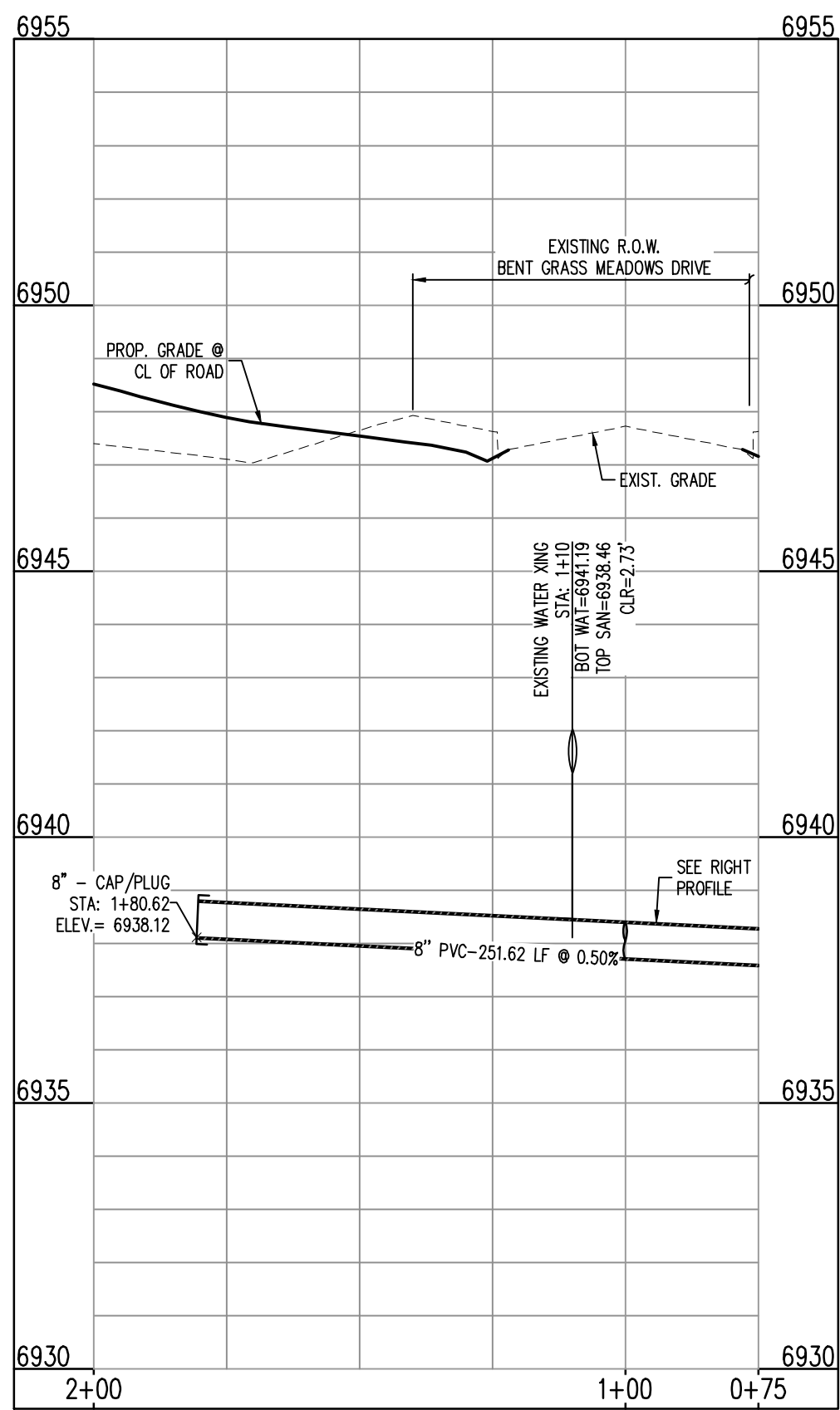
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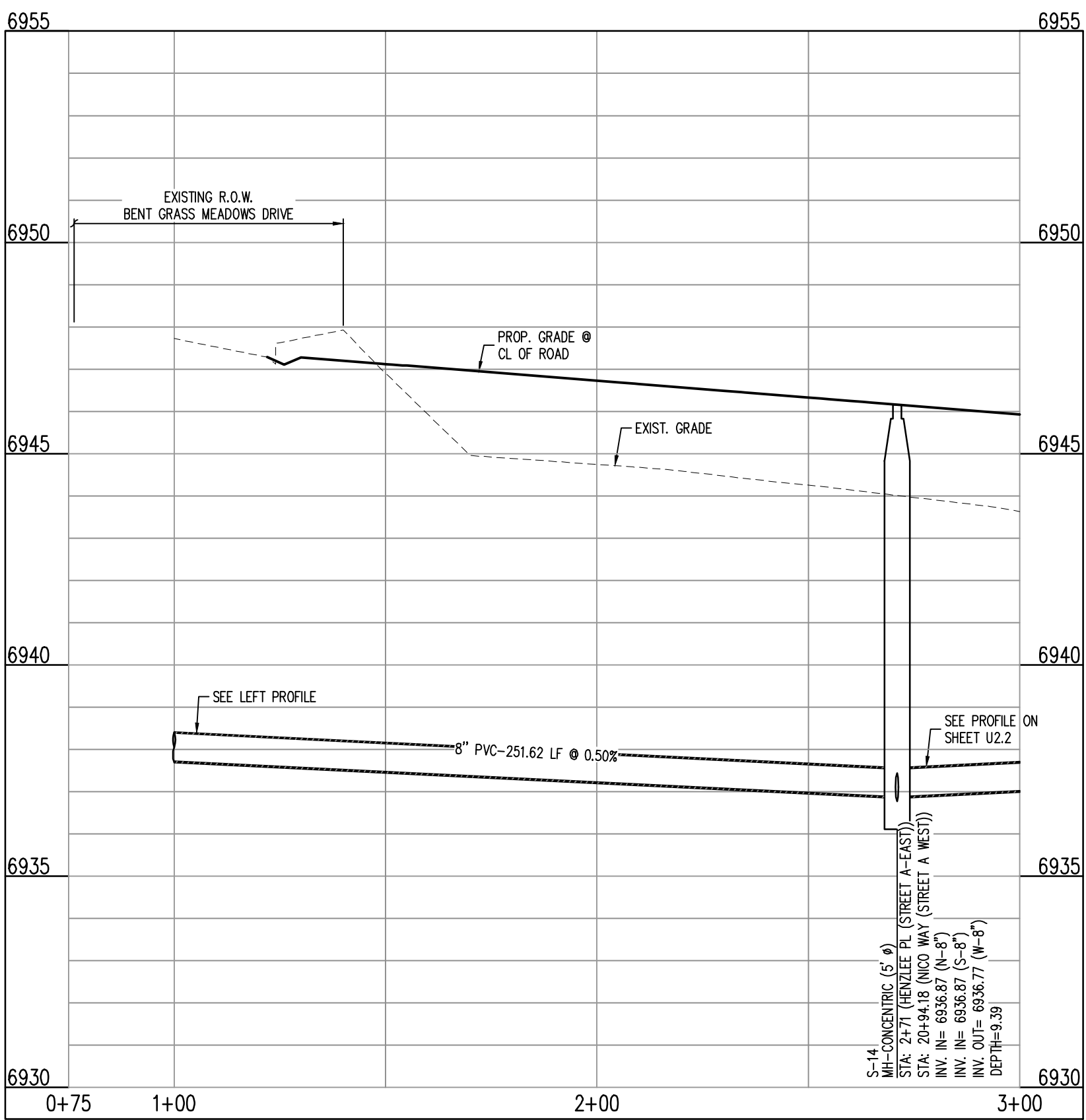


PLAN: 8-INCH SANITARY SEWER (HENZLEE PLACE)
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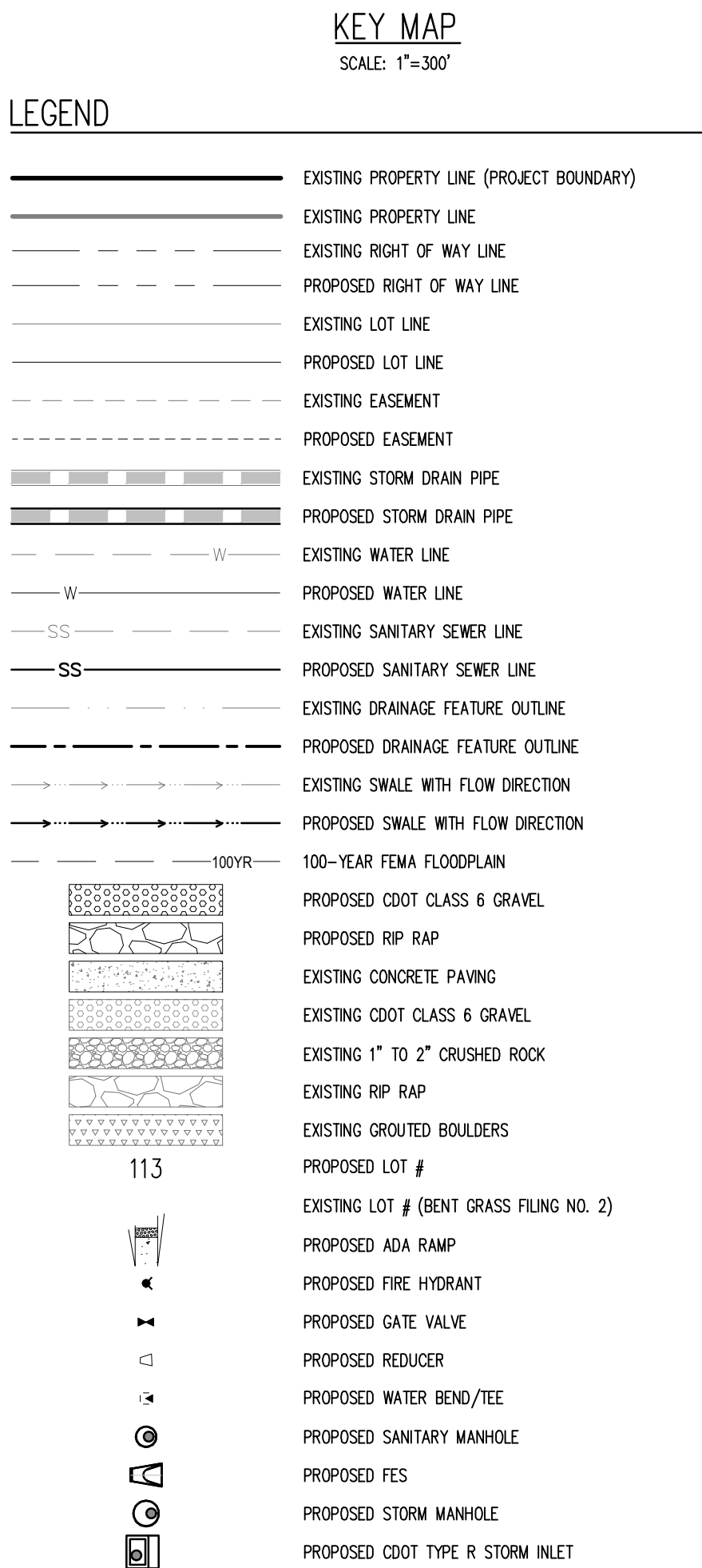
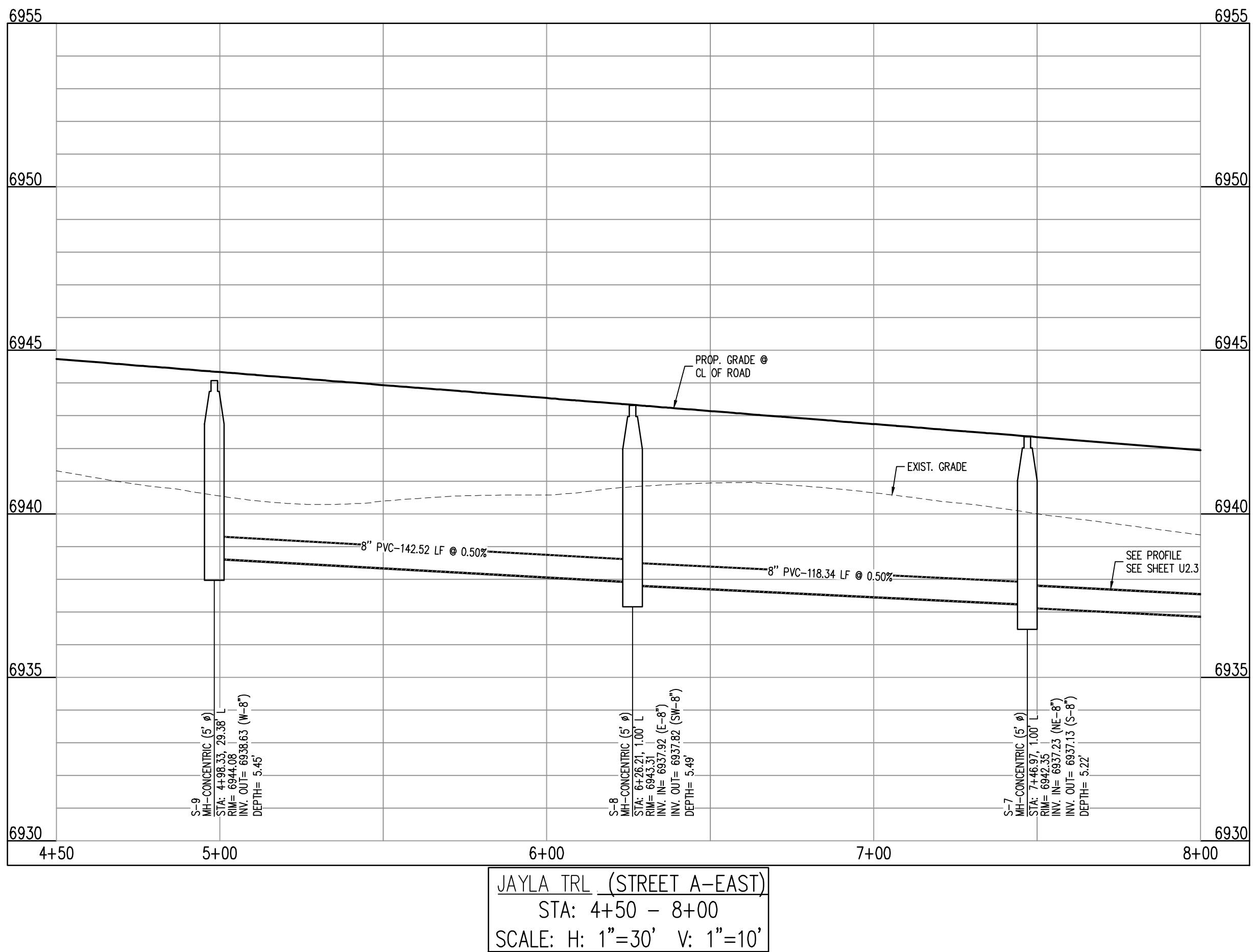
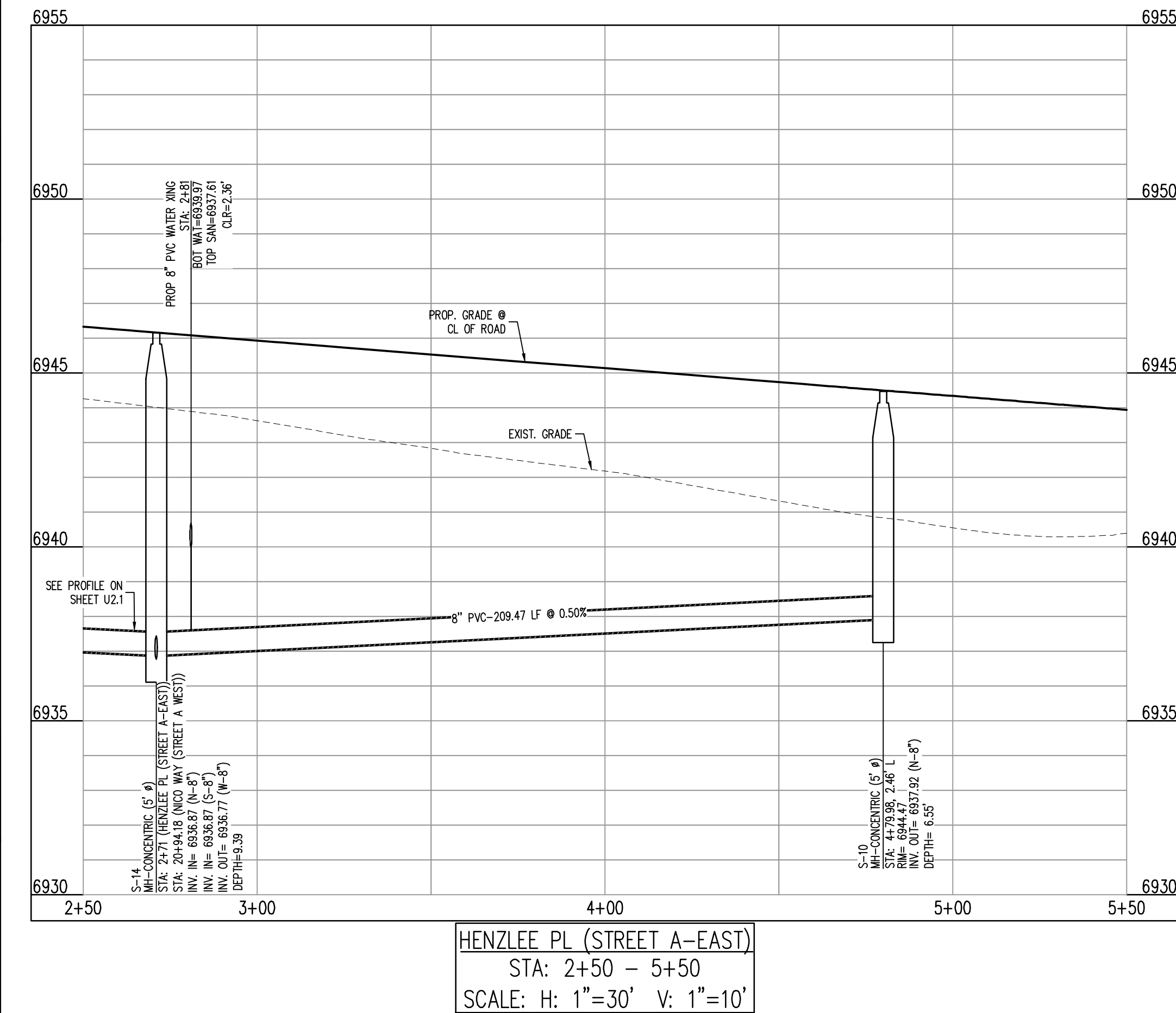
SEE SHEET U2.6



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SCALE: H: 1"=30' V: 1"=10'



HENZLEE PL (STREET A-EAST)
STA: 0+75 - 3+00
SCALE: H: 1"=30' V: 1"=10'



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CHALLENGER HOMES

WATER & WASTEWATER CONSTRUCTION PLANS
FALCON MEADOWS AT BENT GRASS FILING NO. 1
FOR
CHALLENGER COMMUNITIES, LLC

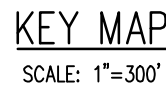
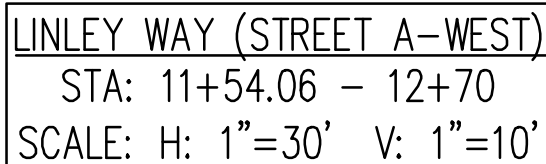
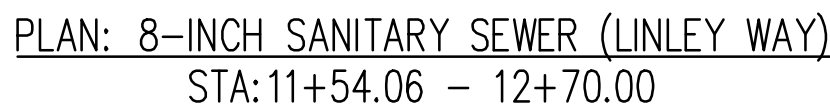
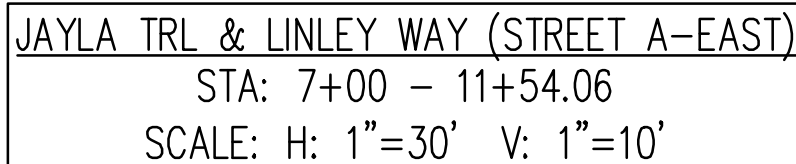
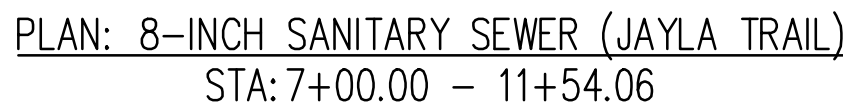
BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

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Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

WASTEWATER PLAN & PROFILE

Sheet 12 of 21



NOTES

1. ALL STATION CALLOUTS ARE TO THE CENTERLINE OF ROADWAY, THEREFORE MANHOLE RIMS MAY APPEAR TO NOT MEET FINISH GRADE
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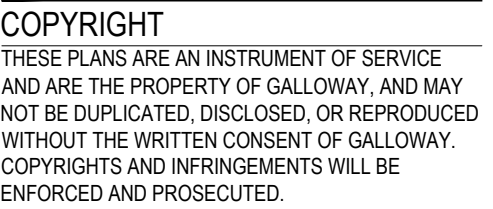
THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4. MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR LS# 24954 ELEVATION = 6947.67

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Know what's **below**.
Call before you dig.

1155 Kelly Johnson Blvd., Suite 305
Colorado Springs, CO 80920
719.900.7220
GallowayUS.com



WATER & WASTEWATER CONSTRUCTION PLANS
FALCON MEADOWS AT BENT GRASS FILING NO. 1

CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

WASTEWATER PLAN & PROFILE

Sheet 13 of 21



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CHALLENGER HOMES

FOR
CHALLENGER COMMUNITIES, LLC

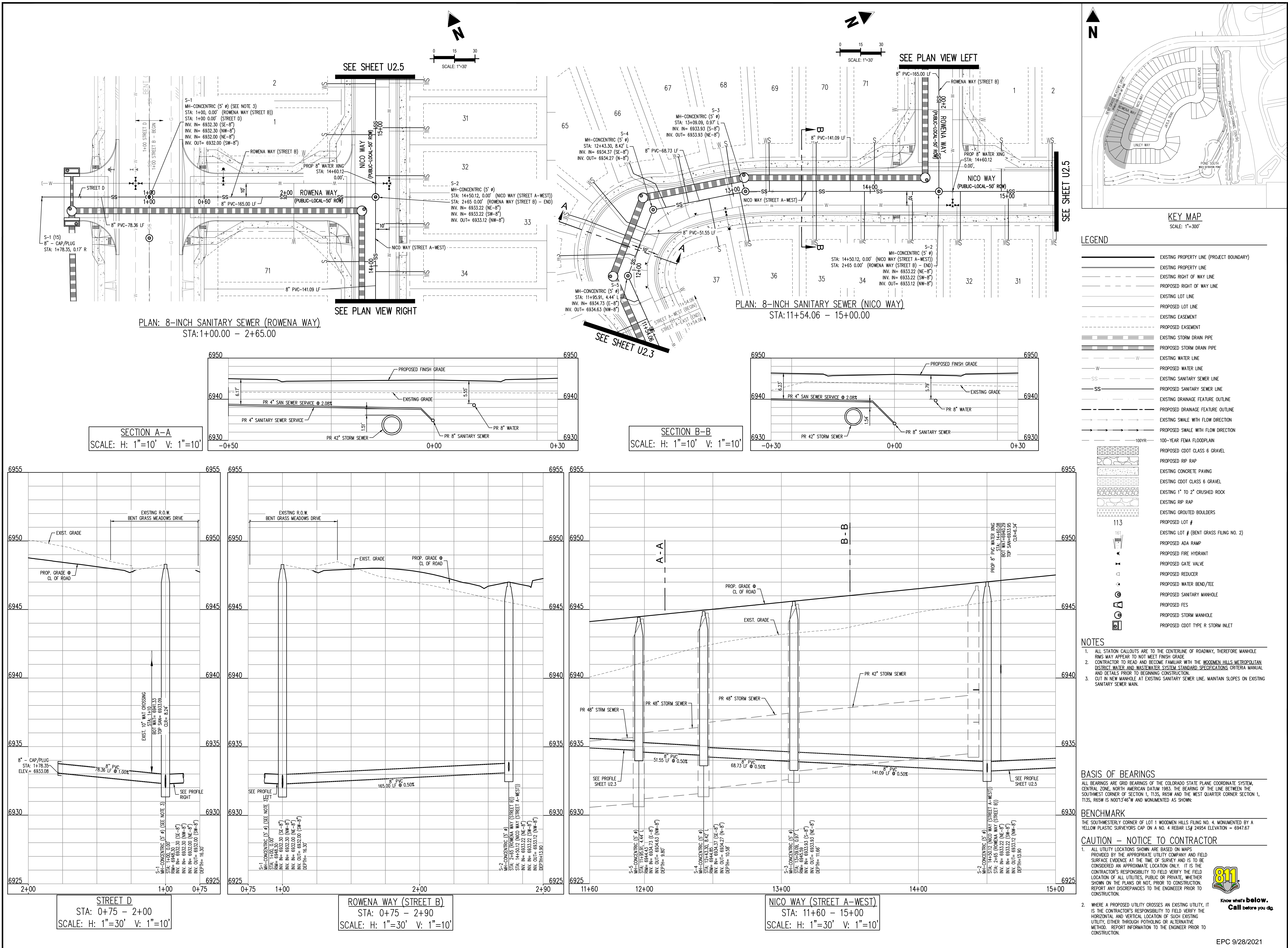
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Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021

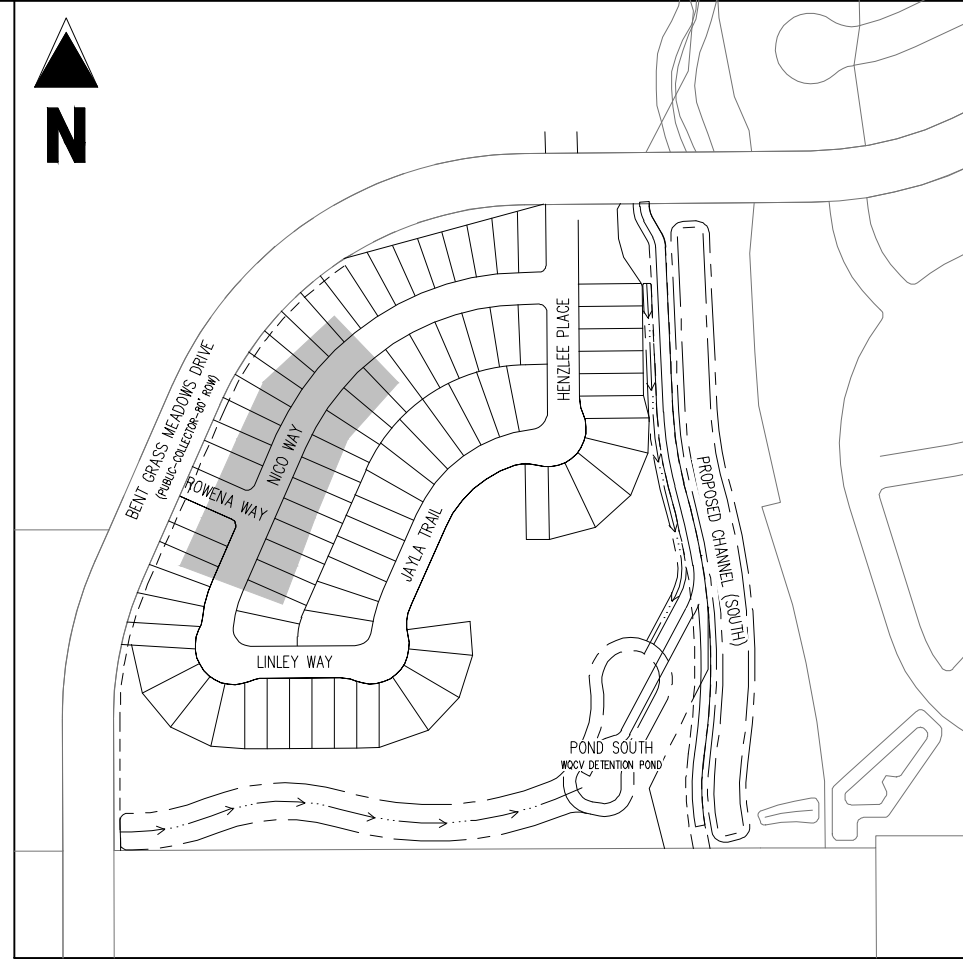
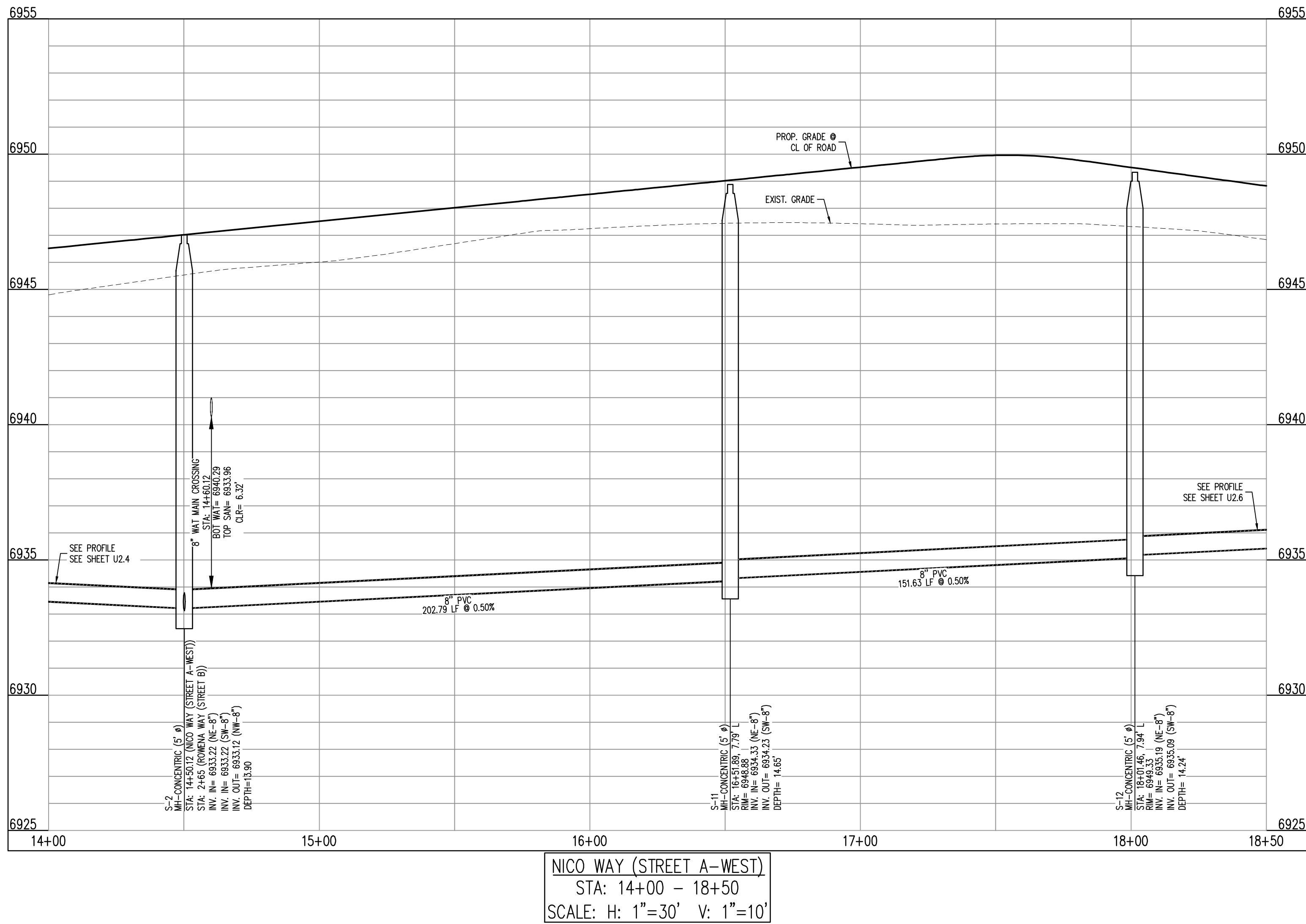
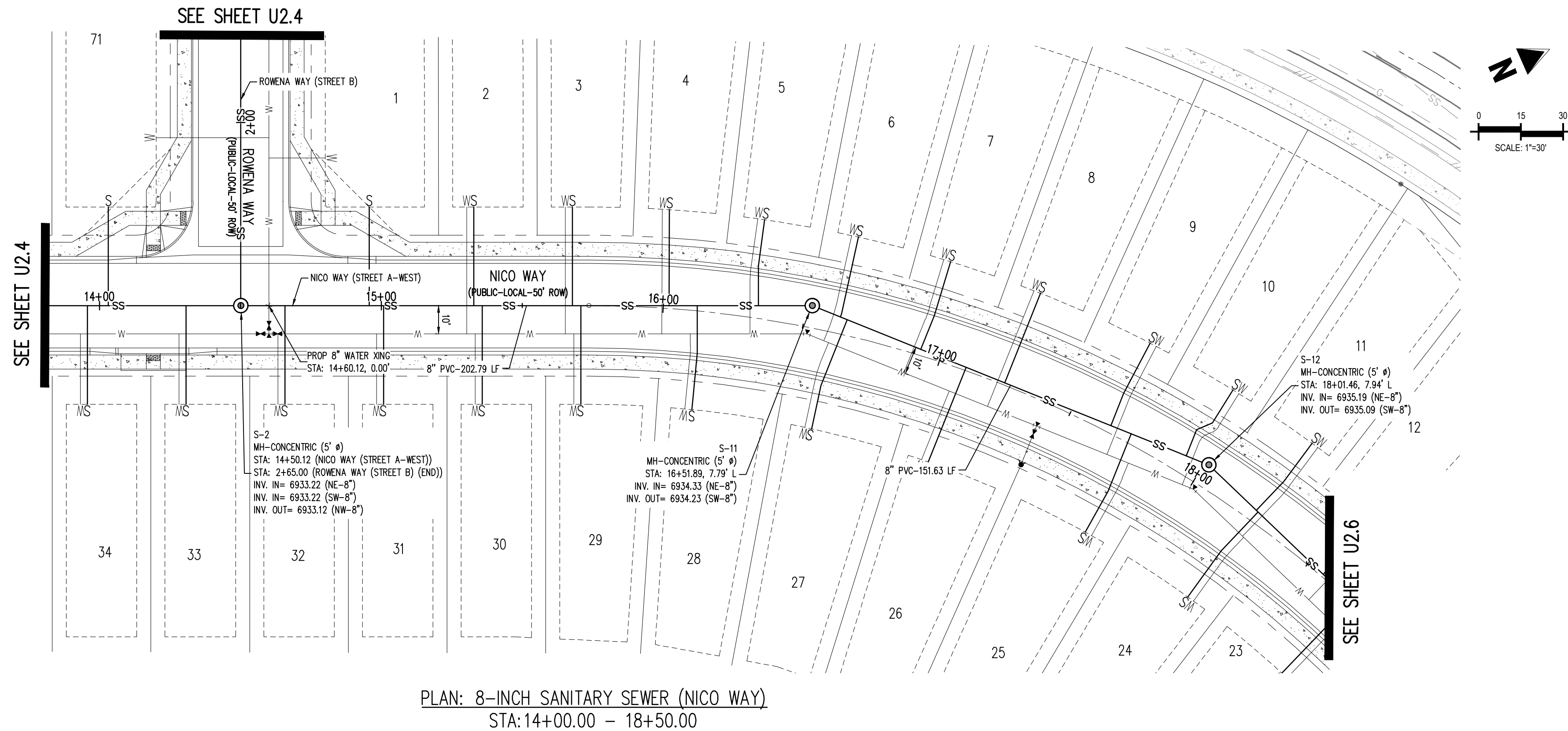
WASTEWATER PLAN & PROFILE

U2.4

Sheet 14 of 21



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- LEGEND
- EXISTING PROPERTY LINE (PROJECT BOUNDARY)
 - EXISTING PROPERTY LINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING LOT LINE
 - PROPOSED LOT LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT
 - EXISTING STORM DRAIN PIPE
 - PROPOSED STORM DRAIN PIPE
 - EXISTING WATER LINE
 - PROPOSED WATER LINE
 - EXISTING SANITARY SEWER LINE
 - PROPOSED SANITARY SEWER LINE
 - EXISTING DRAINAGE FEATURE OUTLINE
 - PROPOSED DRAINAGE FEATURE OUTLINE
 - EXISTING SWALE WITH FLOW DIRECTION
 - PROPOSED SWALE WITH FLOW DIRECTION
 - 100-YEAR FEMA FLOODPLAIN
 - PROPOSED CDOT CLASS 6 GRAVEL
 - PROPOSED RIP RAP
 - EXISTING CONCRETE PAVING
 - EXISTING CDOT CLASS 6 GRAVEL
 - EXISTING 1" TO 2" CRUSHED ROCK
 - EXISTING RIP RAP
 - EXISTING GROUTED BOULDERS
 - PROPOSED LOT #
 - EXISTING LOT # (BENT GRASS FILING NO. 2)
 - PROPOSED ADA RAMP
 - PROPOSED FIRE HYDRANT
 - PROPOSED GATE VALVE
 - PROPOSED REDUCER
 - PROPOSED WATER BEND/TEE
 - PROPOSED SANITARY MANHOLE
 - PROPOSED FES
 - PROPOSED STORM MANHOLE
 - PROPOSED CDOT TYPE R STORM INLET

- NOTES
- ALL STATION CALLOUTS ARE TO THE CENTERLINE OF ROADWAY, THEREFORE MANHOLE RIMS MAY APPEAR TO NOT MEET FINISH GRADE.
 - CONTRACTOR TO READ AND BECOME FAMILIAR WITH THE WOODMEN HILLS METROPOLITAN DISTRICT WATER AND WASTEWATER SYSTEM STANDARD SPECIFICATIONS CRITERIA MANUAL AND DETAILS PRIOR TO BEGINNING CONSTRUCTION.

BASIS OF BEARINGS

ALL BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NORTH AMERICAN DATUM 1983. THE BEARING OF THE LINE BETWEEN THE SOUTHWEST CORNER OF SECTION 1, T13S, R65W AND THE WEST QUARTER CORNER SECTION 1, T13S, R65W IS N007°14'46"W AND MONUMENTED AS SHOWN.

BENCHMARK

THE SOUTHWEST CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4, MONUMENTED BY A YELLOW PLASTIC SURVEYORS CAP ON A NO. 4 REBAR L@# 24554 ELEVATION = 6947.67

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



EPC 9/28/2021

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CHALLENGER
HOMES

WATER & WASTEWATER CONSTRUCTION PLANS
FALCON MEADOWS AT BENT GRASS FILING NO. 1
FOR
CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERIDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY

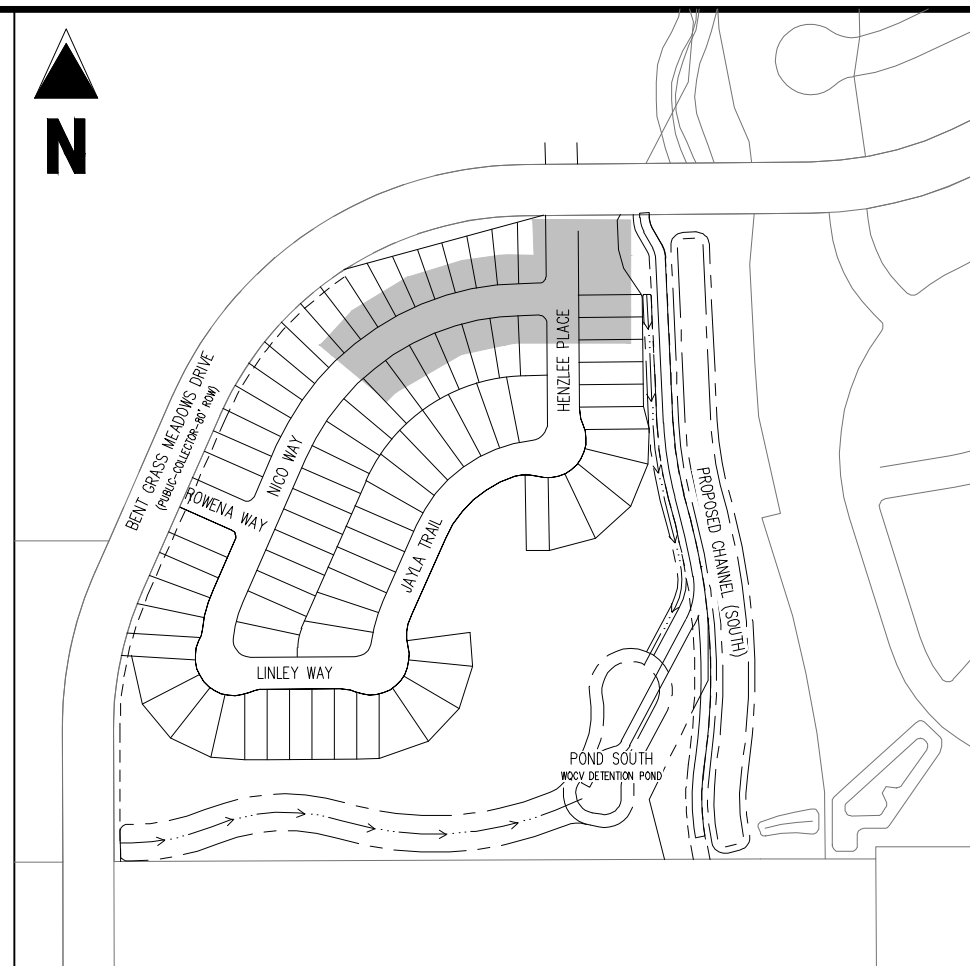
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Project No: CLH000018
Drawn By: CMWJ
Checked By: RGD
Date: 07/22/2021

WASTEWATER PLAN &
PROFILE

U2.5

Sheet 15 of 21



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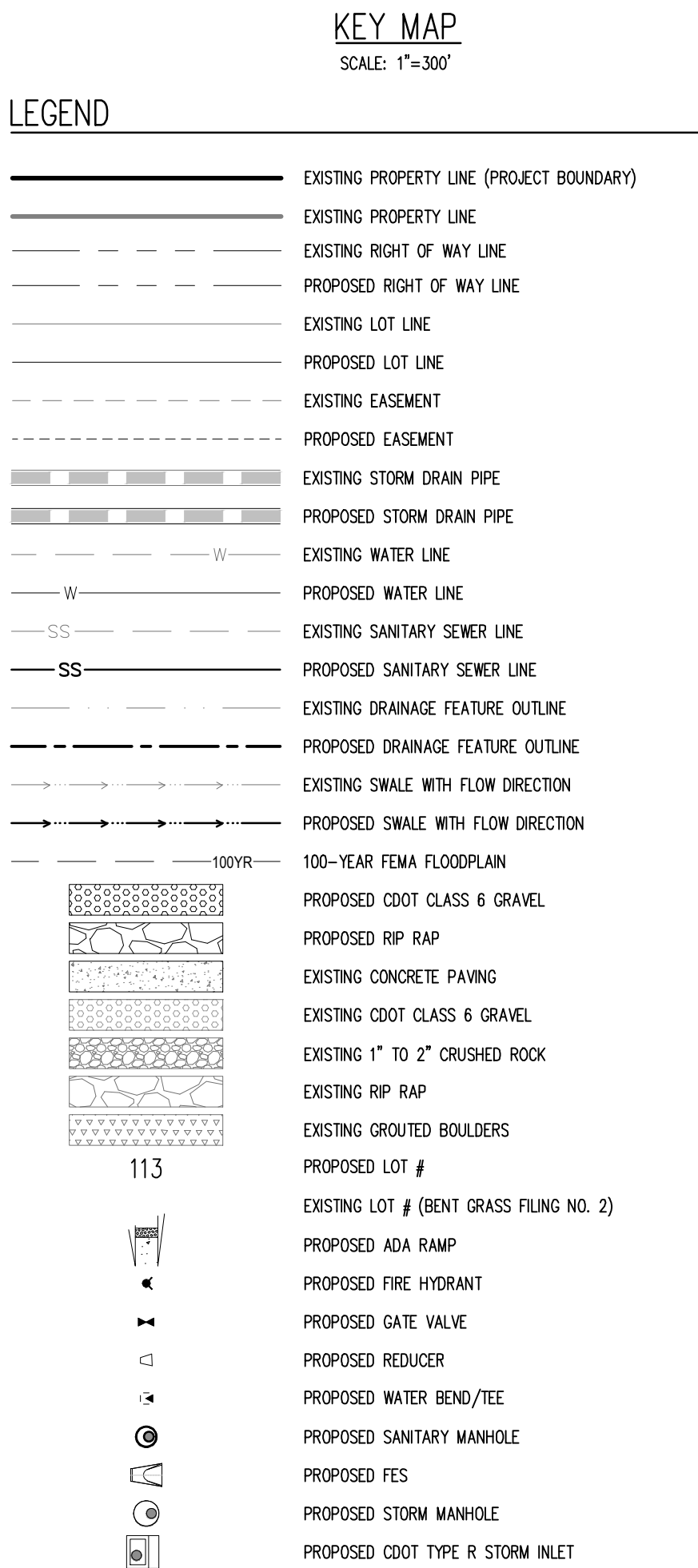


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CHALLENGER HOMES

CHALLENGER COMMUNITIES, LLC

BENT GRASS MEADOWS DRIVE & MERDIAN ROAD
FALCON, CO 80831 - EL PASO COUNTY



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THE SOUTHWESTERLY CORNER OF LOT 1 WOODMEN HILLS FILING NO. 4. MONUMENTED BY A
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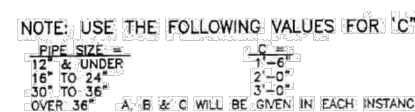
Sheet 16 of 21

CHALLENGER HOMES

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WATER DETAIL SHEET 2

Sheet 18 of 21



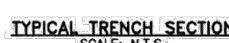
Drawn: GCM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-10
Date: JAN 2011	Revised:			
Scale: N.T.S.	Revised:			



 INDICATES CONCRETE THRUST BLOCK REQUIRED

ANY THRUST REACTION BLOCK REQUIREMENTS FOR WATER MAIN AND
TAP SIZE COMBINATIONS OTHER THAN THOSE SHOWN ABOVE WILL
REQUIRE SPECIAL DESIGN APPROVAL BY THE DISTRICT.

Drawn: GCM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-11
Date: JAN 2011	Revised:			
Scale: N.T.S.	Revised:			



Drawn: GDM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT <small>ESTABLISHED 1964</small>	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-12
Date: JAN 2011	Revised:			
Scale: N.T.S.	Revised:			

(N)	(M)	(FT)	(DEF. E)	(1)	MAX. DEFL. DIST.	BREDS	10% TEL
4"	8.80"	5000"000"	4'000"00"	10"	285"	286"	285"
6"	6.90"	5000"000"	4'000"00"	16"	285"	286"	285"
8"	5.90"	5000"000"	4'000"00"	22"	285"	286"	285"
10"	5.10"	5000"000"	4'000"00"	28"	285"	286"	285"
12"	4.30"	13000"000"	4'000"00"	10"	286"	286"	286"
14"	3.50"	11275"000"	4'000"00"	16"	286"	286"	286"
16"	2.70"	4500"000"	2'240"00"	10"	435"	437"	430"
18"	1.90"	1625"000"	2'240"00"	10"	437"	437"	430"
20"	21.60"	1800"000"	3'900"00"	10"	477"	477"	430"
24"	28.80"	2300"000"	2'240"00"	10"	477"	477"	430"
26"	36.00"	2666"000"	2'300"00"	8"	517"	517"	516"
30"	32.30"	3190"000"	1'360"00"	8"	676"	676"	646"
32"	32.30"	3190"000"	1'360"00"	8"	768"	768"	748"

(1) 20'L = NORMAL 20-FOOT JOINT LAYING LENGTH
(2) = NORMAL 18-FOOT JOINT LAYING LENGTH

Drawn: GDM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-13
Date: JAN 2011	Revised:		
Scale: N.T.S.	Revised:		



PIPE ENDS SHALL BE FREE OF BURRS.

MORTAR LINING SHALL BE FLUSH WITH PIPE END.

GOUGES CUT IN PIPE ENDS SHALL NOT BE ALLOWED.



GENERAL NOTES

- (1). ALL PIPE CUTTING EQUIPMENT AND PIPE CUTS MUST BE APPROVED BY THE WATER AND SANITATION DISTRICT INSPECTOR.
- (2). ALL PIPE ENDS TO BE USED IN INSTALLATION SHALL BE DRESSED SMOOTH TO THE SATISFACTION OF THE DISTRICT INSPECTOR TO BE INSTALLED.
- (3). AT THE REQUEST OF THE CONTRACTOR MAKING THE INSTALLATION, THE DISTRICT WILL MAKE PIPE CUTS, PROVIDING THE CURRENT FEE PER CUT IS PAID AND 24-HOUR NOTICE IS GIVEN (THE CURRENT FEE IS SUBJECT TO CHANGE).
- (4). ALL DP DELIVERED TO JOB SITE MUST BE NEW MATERIAL.

Drawn: GDM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-14
Date: JAN 2011	Revised:			
Check: GDM	Revised:			



NOTES:

1. ALL METALLIC COMPONENTS TO BE ENCASED IN CONCRETE OR WRAPPED IN POLYETHYLENE TUBING.
2. MAX. ROD LENGTH = 12'
3. MIN. ROD LENGTH = 4'

Drawn: DSM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-15
Date: JAN. 2011	Revised:			
Revised:	Revised:			



NOTES

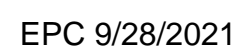
1. IF APPROPRIATE LOCATION FOR DISCHARGED WATER CANNOT BE REACHED BY ROLLING THE BOAT, ADDITIONAL BENDS MAY BE REQUIRED BY THE INSPECTOR.
2. COAT THE IRON, STEEL AND BLACK IRON PIPE WITH EPOXY POLYAMIDE COATING, 10 MILS MIN.
3. ENTIRE BLOW OFF ASSEMBLY MUST BE FULLY SUPPORTED. CONCRETE STEPPING STONES MAY BE REQUIRED.
4. PIPE DOWNS APPROVED FOR USE IN POTABLE WATER SYSTEMS MUST BE USED ON ALL THREADED JOINTS.

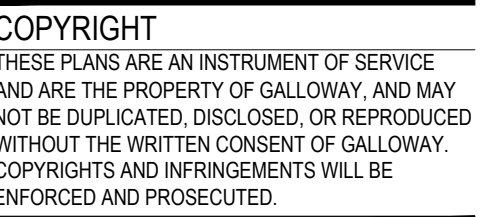
Drawn: GDM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-18
Date: JAN-2011	Revised:		
Order: 244	Revised:		



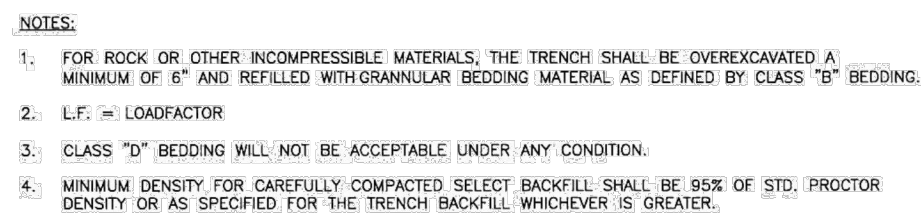
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Drawn: GDM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	W-21
Date: JAN 2011	Revised:			
Drawn: AM	Revised:			

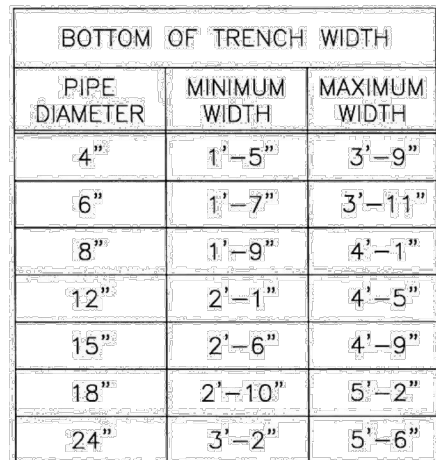




Project No:	CLH000018
Drawn By:	CMWJ
Checked By:	RGD
Date:	07/22/2021



Drawn: GDM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	WW-5
Date: JAN 2011	Revised:			
Scale: N.T.S.	Revised:			

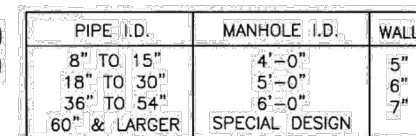


ALL PIPE EMBEDMENT SHALL BE IMPORTED CLASS B BEDDING UNLESS OTHERWISE DIRECTED.

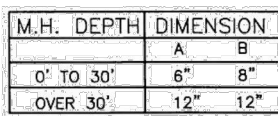
AN OVER EXCAVATED TRENCH SHALL BE REFILLED AND THOROUGHLY COMPACTED UNDER THE DIRECTION OF THE DISTRICT.

UNDER NO CIRCUMSTANCES WILL PIPE BE LAID IN A PROPOSED FILL AREA PRIOR TO IT BEING COMPLETELY FILLED. THE FILL WILL BE PLACED FIRST TO PROPOSED GRADE AND COMPACTED AS REQUIRED. A TRENCH THEN WILL BE EXCAVATED AND THE PIPE INSTALLED IN THE USUAL MANNER.

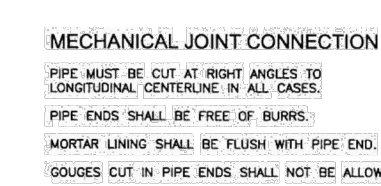
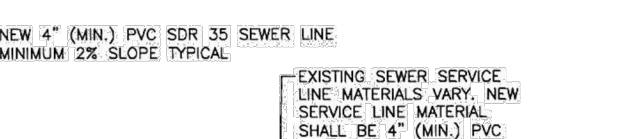
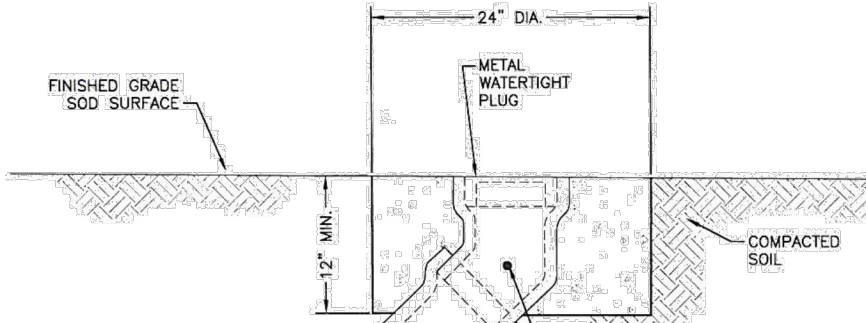
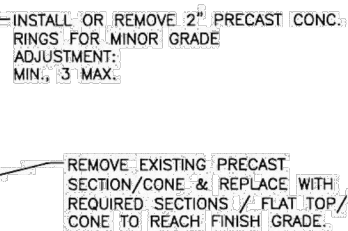
Drawn: GOM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM	WW-6
Date: JAN 2011	Revised:		STANDARD SPECIFICATIONS	
Scale: N.T.P.	Revised:			



Drawn: GDM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS	WW-7
Date: JAN 2011	Revised:			
Checked: MTR	Revised:			



Drawn: GCM	Revised:	 WOODMEN HILLS METROPOLITAN DISTRICT	WATER & WASTEWATER SYSTEM	WW-11
Date: JAN 2011	Revised:		STANDARD SPECIFICATIONS	
Scale: N.T.S.	Revised:			



GENERAL NOTES:

1. ALL PIPE CUTTING EQUIPMENT AND PIPE CUTS MUST BE APPROVED BY THE WATER AND SANITATION DISTRICT INSPECTOR.
2. ALL PIPE ENDS TO BE USED IN INSTALLATION SHALL BE DRESSED SMOOTH TO THE SATISFACTION OF THE INSPECTOR PRIOR TO INSTALLATION.
3. AT THE REQUEST OF THE CONTRACTOR MAKING THE INSTALLATION, THE DISTRICT WILL MAKE PIPE CUTTING EQUIPMENT AND CURRENT FEE PER CUT IS PAID AND 24-HOUR NOTICE IS GIVEN (THE CURRENT FEE IS SUBJECT TO CHANGE).
4. ALL PIPE TO BE LAPPED OR JOINTED MUST BE LAPPED OR JOINTED WITH THE HIGH MATERIAL.

