




The map shows the state of Florida with county boundaries. Lee County is highlighted in the southwestern part of the state. A north arrow is located to the left of the state map, with the text "NOT TO SCALE" below it. An inset map provides a detailed view of Lee County, showing major roads including I-75, I-80, SR 78, SR 82, SR 884, SR 31, SR 80, and SR 84. Key locations marked include Ft. Myers, Cape Coral, and Southwest Florida International Airport. Surrounding counties are labeled: Charlotte, Lee, Hendry, Collier, and Coconino. A large black arrow points to a specific location within Lee County, labeled "SITE".

GENERAL LOCATION MAP

SOLICITATION NO.:
CONTRACT NO.:
ISSUE DATE: MARCH 2023

INDEX TO DRAWINGS		
SHEET NO.		SHEET TITLE
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11	C-503	GRADING & DRAINAGE DETAILS
12	C-504	UTILITY DETAILS I
13	C-505	UTILITY DETAILS II



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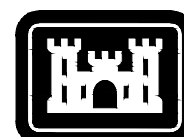
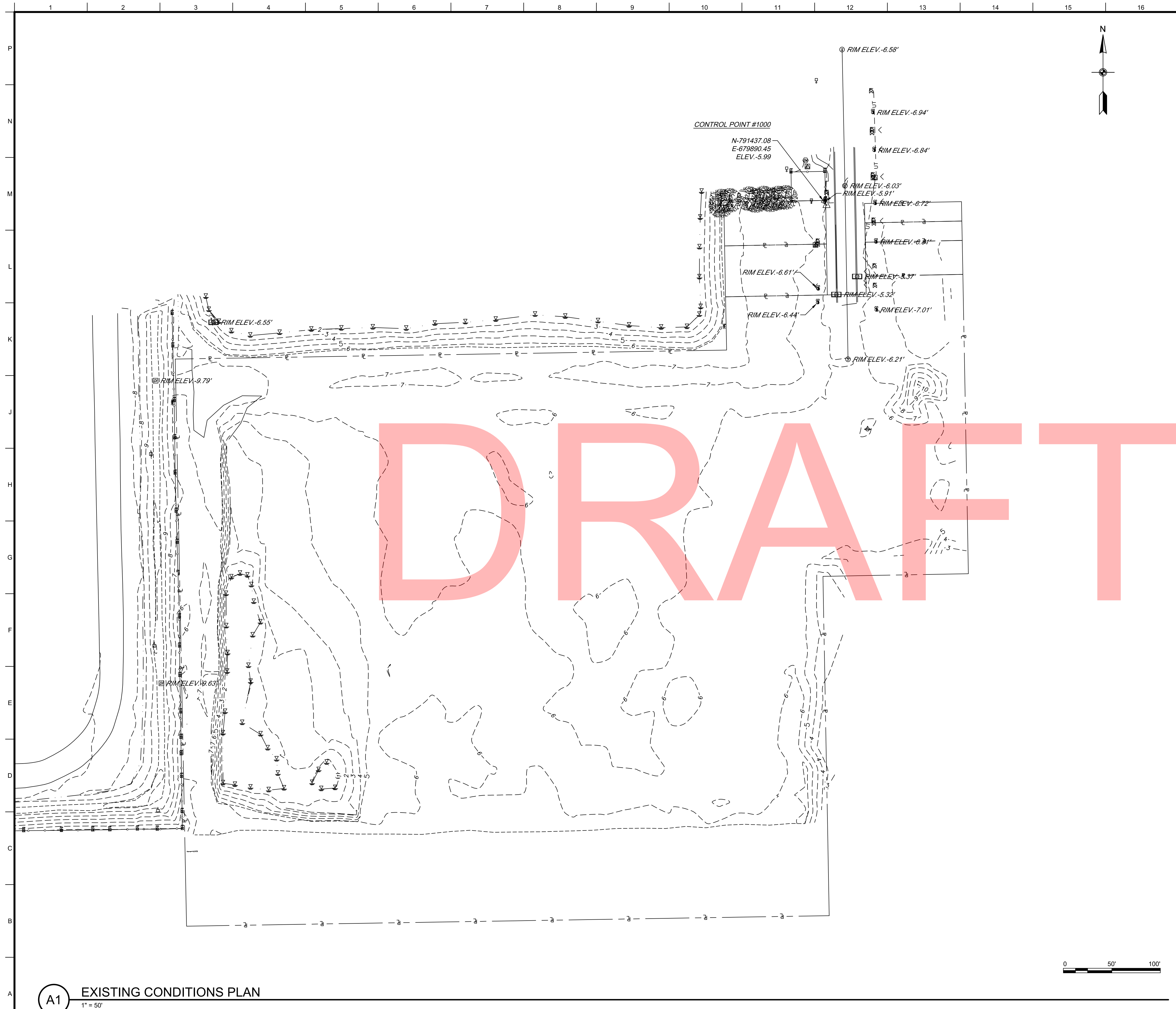
U.S. ARMY CORPS OF ENGINEERS ATTENTION: DISTRICT ENGINEER 696 VIRGINIA ROAD CONCORD, MA 01742-2751		DRAWN BY: K. HEBARD	CHECKED BY: M. TESSIER	SUBMITTED BY: M. TESSIER	SIZE: A	SCALE: AS SHOWN	ANSI Z39.18-1983	
		DRAWING NO.: MAE2023	CONTRACT NO.: NAACD-23-001	DRAWING CODE: NAACD-23-001	SHEET 1 OF 13			

FEMA TEMPORARY HOUSING PROJECT
HERITAGE HEIGHTS
10860 GOLDEN JOURNEY ROAD, FORT MYERS, FLORIDA

COVER SHEET

SHEET ID
G-001

SIGNATURES AFFIXED BELOW INDICATE OFFICIAL RECOMMENDATION AND APPROVAL OF ALL DRAWINGS IN THIS SET AS INDEXED ON THIS SHEET	
APPROVED FOR TECHNICAL ADEQUACY BY:	
TECHNICAL LEAD ENGINEER	DATE
REVIEWED BY:	
CHIEF, GEOTECHNICAL/WATER RESOURCES BRANCH	DATE
REVIEWED BY:	
CHIEF, GEO-ENVIRONMENTAL ENGINEERING BRANCH	DATE
APPROVAL RECOMMENDED BY:	
CHIEF, DESIGN BRANCH	DATE
APPROVED BY:	
CHIEF, ENGINEERING DIVISION	DATE
<p>This project was designed by the U.S. Army Corps of Engineers. The initials or signatures and registration designations of individuals appear on these project documents, within the scope of their employment as required by ER 1110-1-8152.</p>	



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[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT 696 VIRGINIA ROAD CONCORD, MA 01742-2751	DESIGNED BY: K. HEBARD	ISSUE DATE: MARCH 2023
	DRAWN BY: C. HARRIS	SOLICITATION NO.:
	CHECKED BY: L. THIBODEAU	CONTRACT NO.:
	SUBMITTED BY: M. TESSIER	DRAWING CODE:
	ANSI D	SHEET 3 OF 13

FEMA TEMPORARY HOUSING PROJECT
HERITAGE HEIGHTS
10660 GOLDEN JOURNEY ROAD, FORT MYERS, FLORIDA

EXISTING CONDITIONS AND DEMOLITION PLAN

SHEET ID

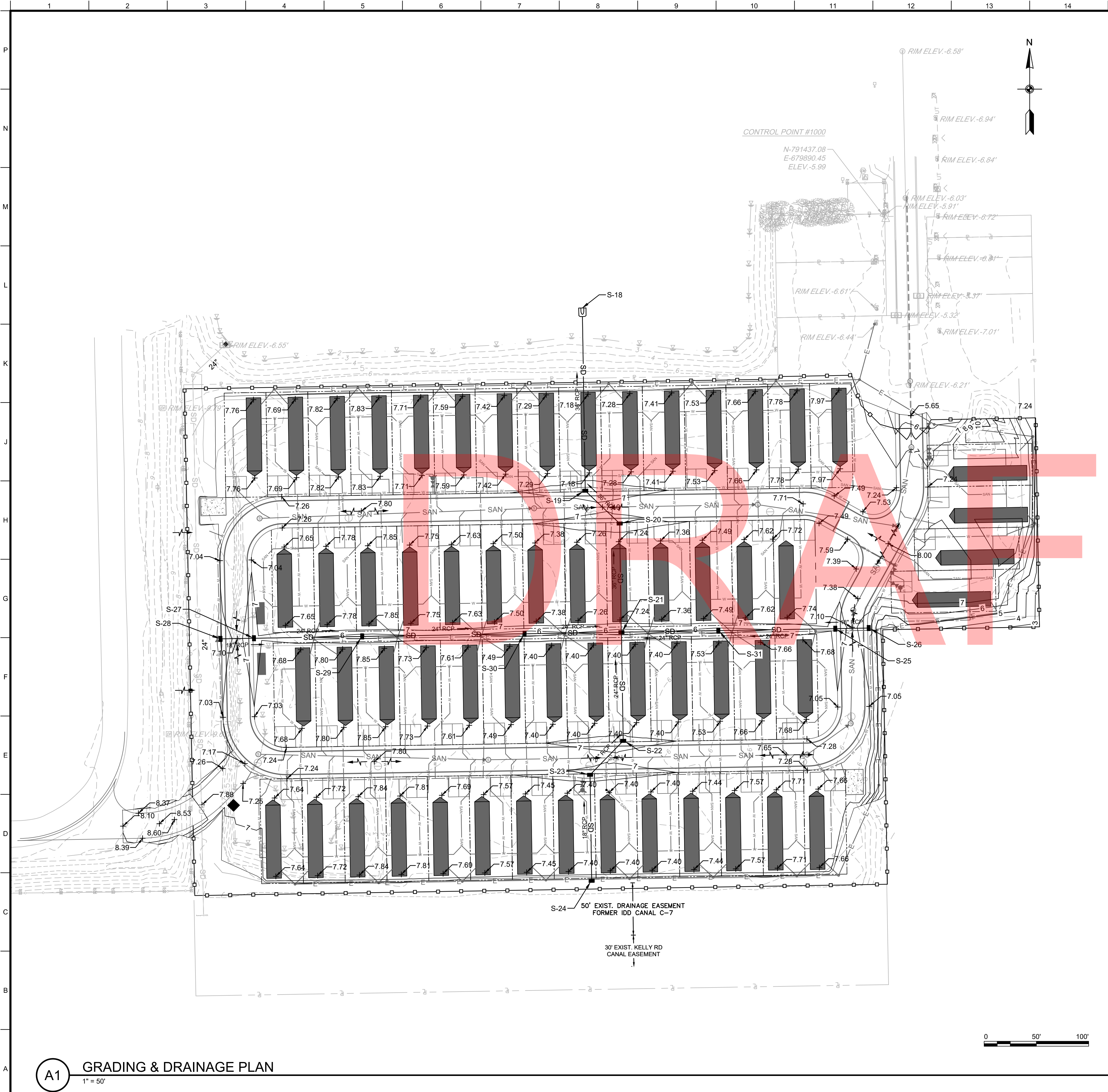
CD-100

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2%PRODUCTION DATA 2%

— 100 —



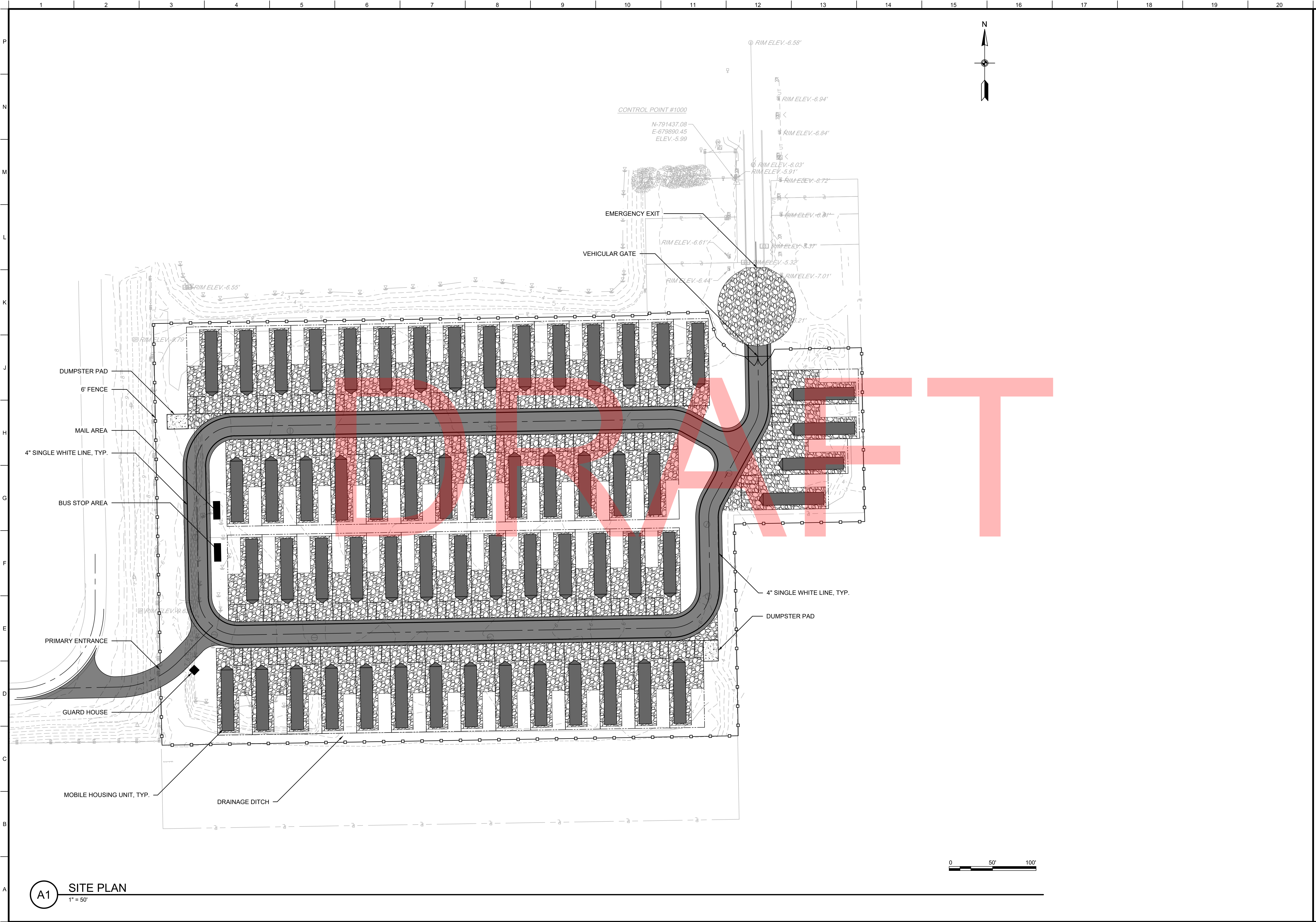
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S-19	Valley Guter Inlet	4.75	-1.00	791175.30	679601.65
S-20	Valley Guter Inlet	6.75	-4.65	791143.84	679634.60
S-21	Valley Guter Inlet	5.50		791039.85	679636.31
S-22	Valley Guter Inlet	5.25	2.00	790935.86	679638.01
S-23	Valley Guter Inlet	5.71	2.00	790903.34	679606.30
S-24	Valley Guter Inlet	5.71	3.00	790801.98	679607.83
S-25	Valley Guter Inlet	5.71	2.00	791043.20	679840.86
S-26	Valley Guter Inlet	5.71	3.00	791043.82	679872.86
S-27	Valley Guter Inlet	5.71	2.00	791034.08	679284.82
S-28	Valley Guter Inlet	5.71	3.00	791033.46	679252.82
S-29	Valley Guter Inlet	5.50	2.00	791035.80	679388.34
S-30	Valley Guter Inlet	5.50	2.00	791038.34	679543.66
S-31	Valley Guter Inlet	5.50	2.00	791041.36	679728.96



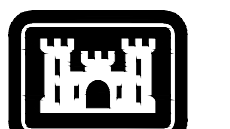
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ISSUE DATE: MARCH 2023	DESIGNED BY: K. HEBARD	U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT 686 VIRGINIA ROAD CONCORD, MA 01742-2751	GRADING & DRAINAGE PLAN	SHEET ID CG-100
SOLICITATION NO.:	DRAWN BY: L. THIBODEAU			
CONTRACT NO.:	CHECKED BY: M. TESSIER			
DRAWING NO.:	SUBMITTED BY:			
DRAWING CODE:	SCALE: 1" = 50'			
SHEET 5 OF 13	ANSI D			

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%PRODUCTION DATA 4%



A1 SITE PLAN
1" = 50'



US Army Corps of Engineers

DESIGNED BY:		ISSUE DATE:	
K. HEBARD	MARCH 2023		
DRAWN BY:		SOLICITATION NO.:	
L. THIBODEAU			
CHECKED BY:		CONTRACT NO.:	
L. THIBODEAU			
SUBMITTED BY:		DRAWING CODE:	
M. TESSIER			
SIZE:	SCALE:	SHEET 4 OF 13	
ANSI D	1" = 50'		

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
686 VIRGINIA ROAD
CONCORD, MA 01742-2751

FEMA TEMPORARY HOUSING PROJECT
HERITAGE HEIGHTS
10660 GOLDEN JOURNEY ROAD, FORT MYERS, FLORIDA

CIVIL SITE PLAN

SHEET ID

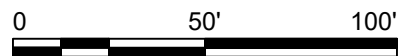
CS-100

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT 696 VIRGINIA ROAD CONCORD, MA 01742-2751	DESIGNED BY:	ISSUE DATE:
	K. HEBARD	MARCH 2023
	DRAWN BY:	SOLICITATION NO.:
	CHECKED BY:	CONTRACT NO.:
	L. THIBODEAU	DRAWING CODE:
	SUBMITTED BY:	
	M. TESSIER	
	SCALE:	SHEET 6 OF 13
	ANSI D	1" = 50'

FEMA TEMPORARY HOUSING PROJECT
HERITAGE HEIGHTS
10660 GOLDEN JOURNEY ROAD, FORT MYERS, FLORIDA

UTILITIES PLAN

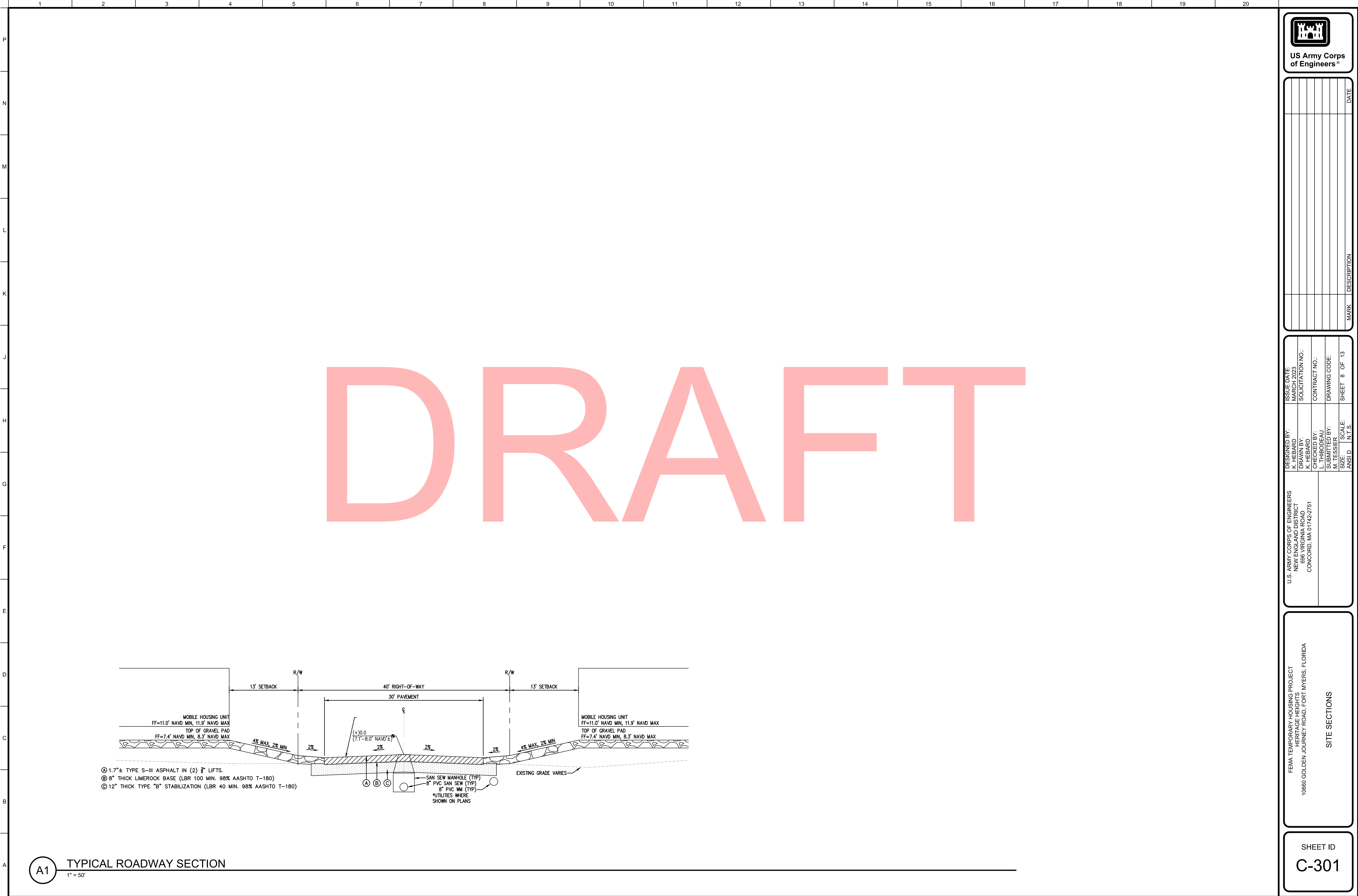
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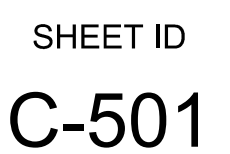
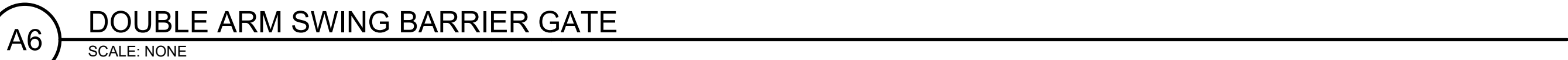
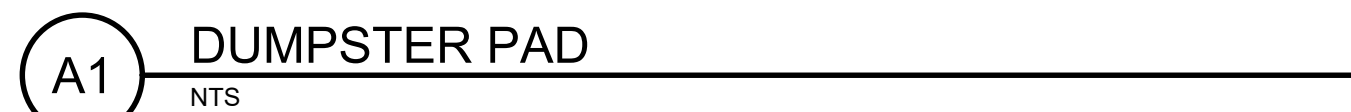
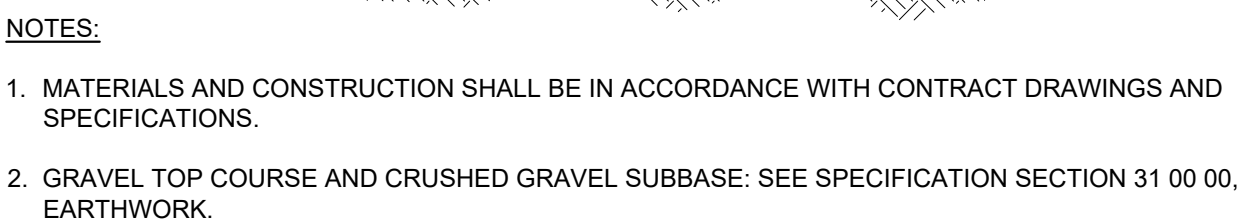
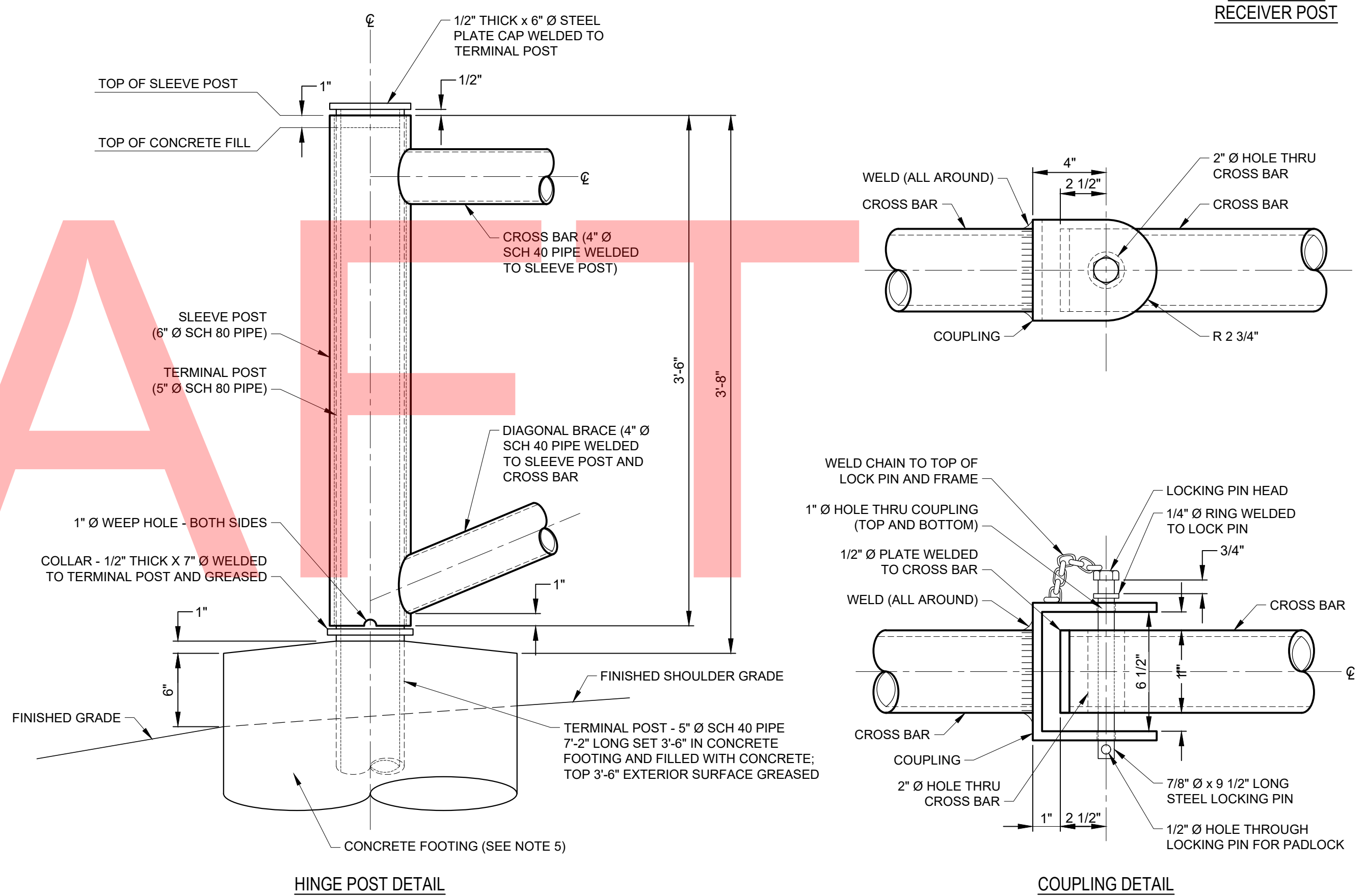
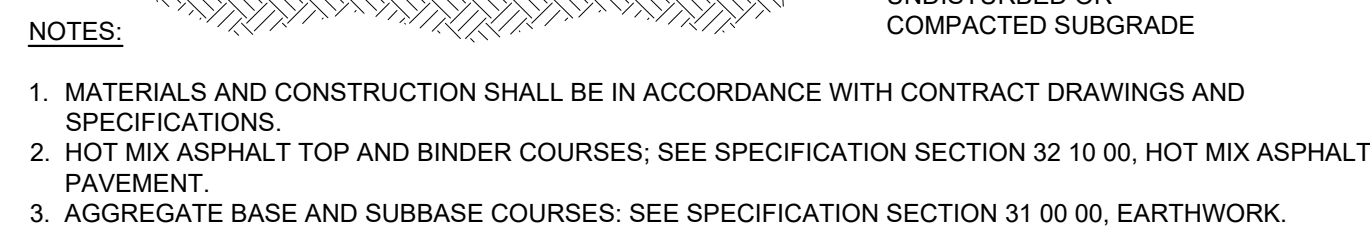
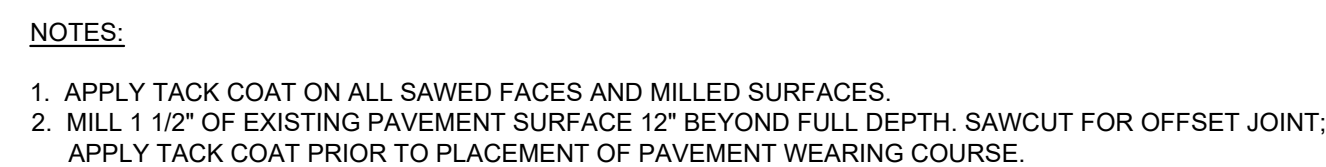
CU-100

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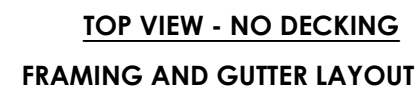
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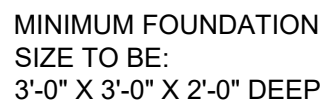
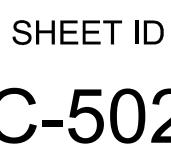


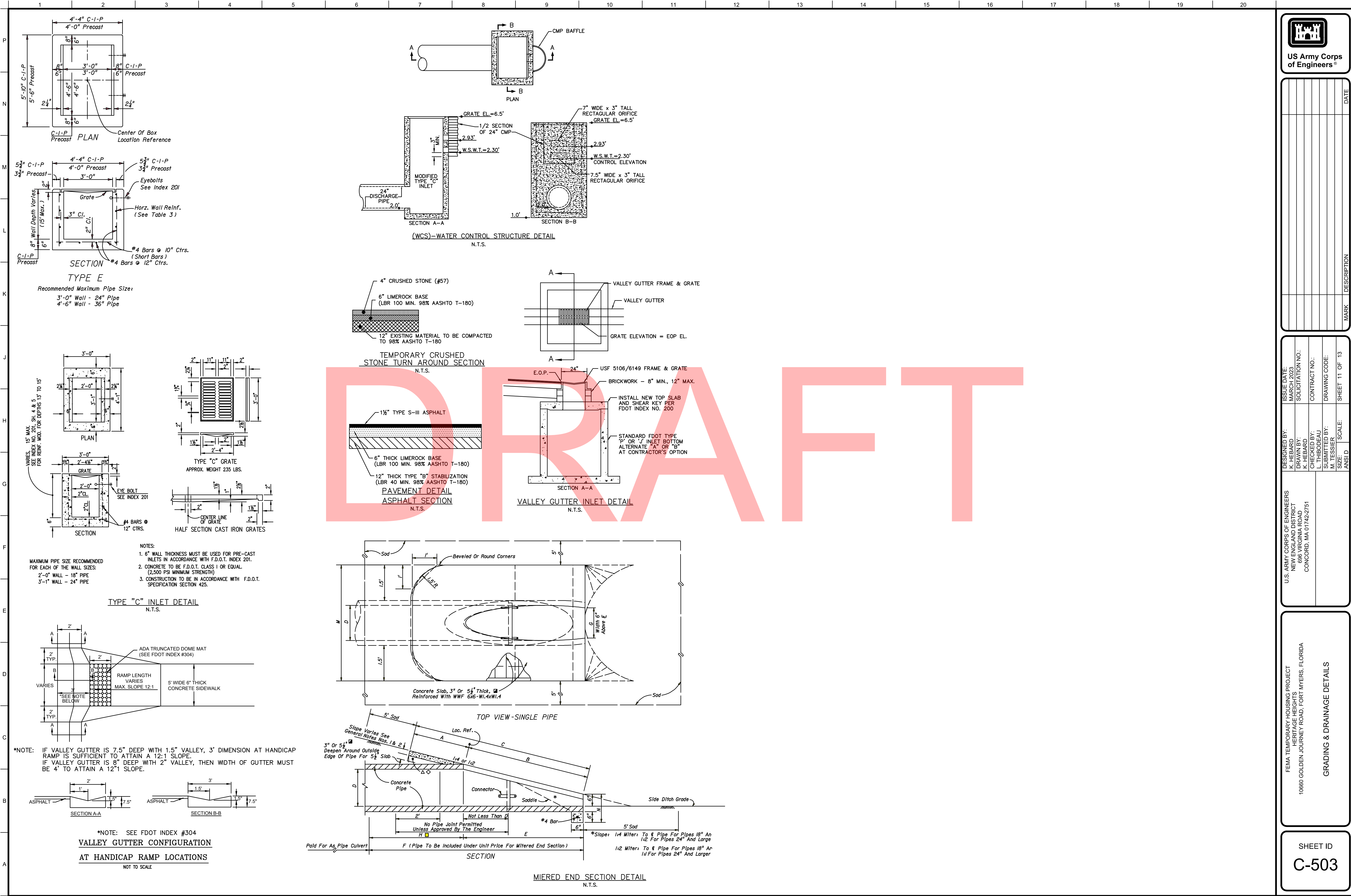
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1. 3 mailbox max between columns - configuration can be moved around (EX. 3-3-2 CAN BE 2-3-3 OR 3-2-3)
2. Max column height to be 9'-0" (canopy is designed at 8'-0"). Canopy can be lowered to compensate for slope of ground
3. Minimum footing size is based on 1500 PSI soil conditions
4. Canopy designs comply with USPS Developers and Builders Guide
5. Reference 2010 ADA Standards or Accessible Design for concrete pad
6. Reference Mitchell Metals Cluster Box Unit (CBU), or equal
7. DESIGN CRITERIA: IBC 2018, ASCE 7-16, ASCE 2015, Risk Category = I, wind speed, exposure, snow and live loads per prevailing codes and environmental conditions at installation location.
8. Dimensions and member sizes are given for reference, final detailed configuration to comply with design criteria and requirements listed to be by the supplier. Refer to the specifications for submittal requirements.

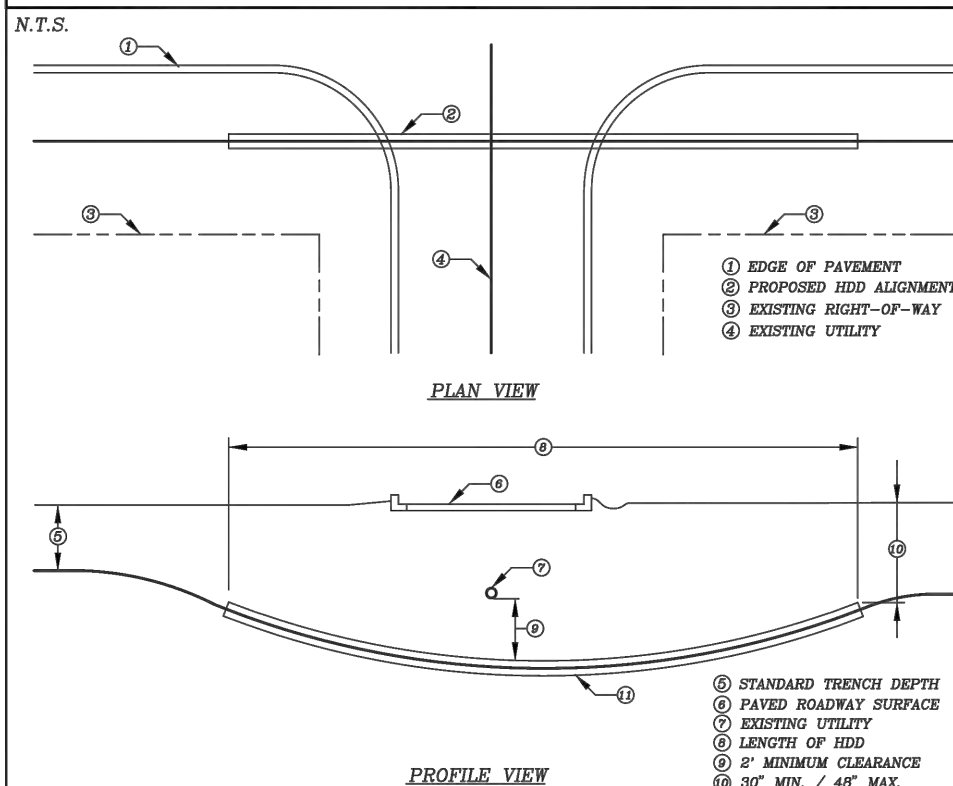


SECTION A-A VIEW

MAIL AREA
NTS



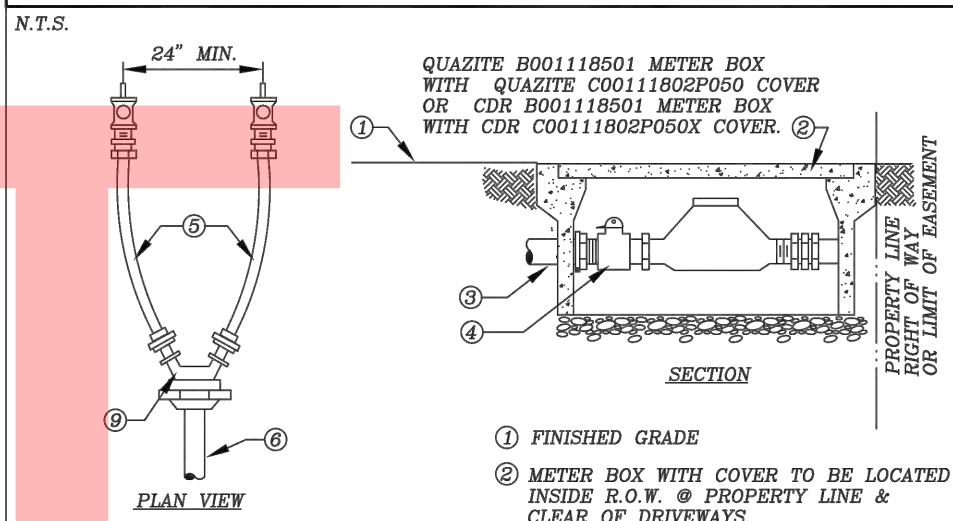
STANDARD DETAIL NO. 6.7
LEE COUNTY UTILITIES
HORIZONTAL DIRECTIONAL DRILL UNDER A ROADWAY



- ### HDD INSTALLATION NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LEE COUNTY UTILITIES DESIGN MANUAL.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF AFFECTED AGENCIES AND COORDINATION WITH ALL UTILITIES PRIOR TO CONSTRUCTION.
 3. ALL CONSTRUCTION MATERIALS, INCLUDING DRILLING FLUID, SHALL BE REMOVED FROM THE SITE PRIOR TO RESTORATION OF DISTURBED AREAS.
 4. ALL RESTORATION WORK SHALL BE IN ACCORDANCE WITH
 5. CASING DIAMETER SHALL BE IN ACCORDANCE WITH THE LCU DESIGN MANUAL.
 6. NO CASING SPACERS REQUIRED.
 7. WHEN CASING IS REQUIRED INSTALLED 1" HDPE PIPE ATTACHED TO THE END OF THE CASING SHALL BE GAUGE DOUBLE INSULATED COPPER WIRE INSIDE THE HDPE PIPE.

REV: 12/10/2015

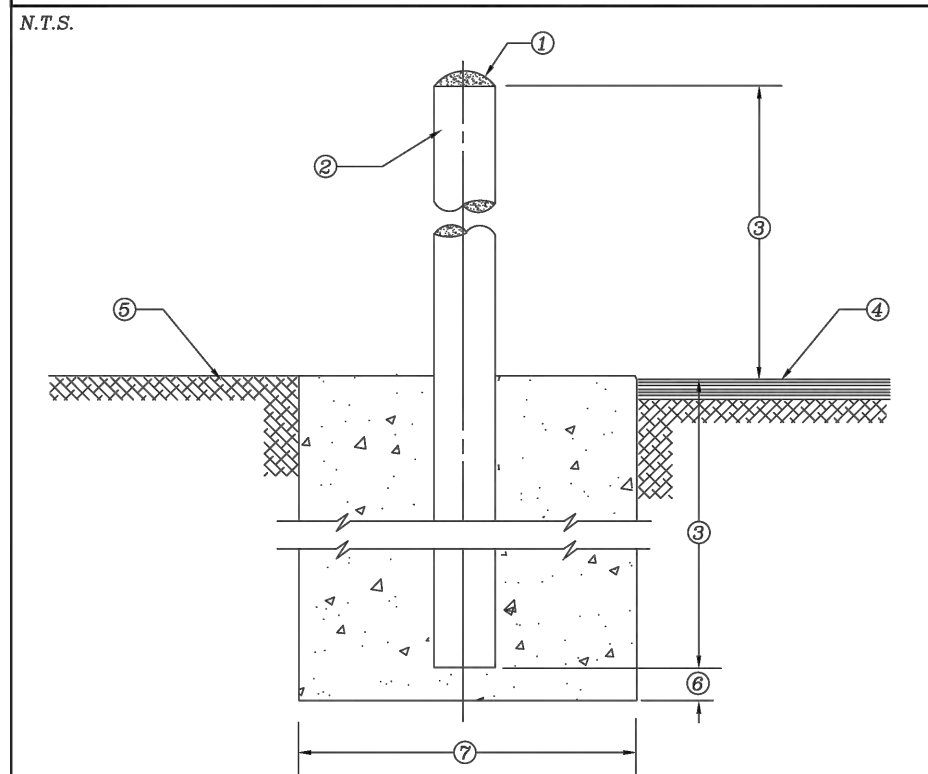
STANDARD DETAIL NO. 6.16
LEE COUNTY UTILITIES
WATER SERVICE INSTALLATION 5/8" THROUGH 1"



- NOTES:
- | | |
|---|--|
| CONTRACTOR/CUSTOMER SHALL APPLY AT LEE COUNTY UTILITIES FOR TEMPORARY WATER SERVICE FIVE DAYS BEFORE REQUIRED SERVICE. | 1) TAPPING SLEEVE AND VALVE TO BE FULLY RESTRAINED ON EXISTING MAIN. |
| THE METER ONLY WILL BE FURNISHED BY LEE COUNTY UTILITIES. FITTING AND JOINT MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR/CUSTOMER. THE APPROVED BACKFLOW PREVENTER SHALL BE FURNISHED AND INSTALLED BY LEE COUNTY UTILITIES APPROVED CERTIFIED BACKFLOW PREVENTION TECHNICIAN (FURNISHED BY CONTRACTOR/CUSTOMER) AT THE TIME OF METER INSTALLATION. | 2) GRADE |
| CONTRACTOR/CUSTOMER SHALL PROTECT EXISTING UTILITY FRAGMENTS FROM THE JUMPER/METER ASSEMBLY SHALL NOT BE REMOVED UNTIL SYSTEM IS ACCEPTED AND DEPARTMENT OF HEALTH AND ENVIRONMENTAL AGENCY HAS BEEN RECEIVED BY LEE COUNTY UTILITIES, WHEN THE JUMPER/METER ASSEMBLY SHALL BE REMOVED. | 3) PROPERTY LINE AND/OR EXISTING MAIN MAY BE |
| | 4) BRONZE BALL VALVE |
| | 5) METER FURNISHED BY LEE COUNTY UTILITIES |
| | 6) REDUCED PRESSURE BACKFLOW PREVENTER |
| | 7) PIPE SIZING (SEE LCU STANDARD DETAIL) |
| | 8) 1" DIA. COPPER OR STD. |
| | 9) 2" DIA. COPPER OR STD. |

REV: 12/10/2015

STANDARD DETAIL NO. 6.44
LEE COUNTY UTILITIES
BOLLARD POST DETAIL



- ① FILL AND TOP PIPE WITH CONCRETE
- ② 6" DIA. x 6'-0" LONG PRESSURE CLASS 350 DUCTILE IRON PIPE
- ③ 3'-0" MINIMUM
- ④ PAVEMENT
- ⑤ FINISHED GRADE
- ⑥ 3"
- ⑦ 18" DIA. CONCRETE ENCASEMENT 3000 P.S.I.

REV: 12/10/2015



U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT 100 WASHINGTON STREET CONCORD, MA 01742-2751	DESIGNED BY:	K. HEBARD	ISSUE DATE:	MARCH 2023
	DRAWN BY:	K. HEBARD	SOLICITATION NO.:	
	CHECKED BY:	L. THIBODEAU	CONTRACT NO.:	
	SUBMITTED BY:	M. TESSIER	DRAWING CODE:	
	SIZE:	SCALE:		
	ANSI/D		SHEET 12 OF 13	

FEMA TEMPORARY HOUSING PROJECT
HERITAGE HEIGHTS
0660 GOLDEN JOURNEY ROAD, FORT MYERS, FLORIDA

UTILITY DETAILS I

SHEET ID
C-504

