



Goodwyn Mills Cawood
11 N. Water Street
Suite 19290
Mobile, Alabama 36602
T 251.460.4006

TRANSMITTAL COVER SHEET

DATE: May 2, 2025

TO: ALL CONTRACTORS

FROM: CEDRIC CAMPBELL

PROJECT: SANITARY & WATER UTILITIES TO SERVE SHINSUNG
TOWN OF SHORTER, ALABAMA
CDBG PROJECT NO:
ARC PROJECT NO:
GMC PROJECT NO. CMGM250057

RE: ADDENDUM #2

PLEASE COMPLETE BELOW AND RETURN IMMEDIATELY.

Ashley Morris
Email: ashley.morris@gmcnetwork.com

I, the undersigned, hereby acknowledge receipt of this Addendum #2.

Authorized Representative of Contractor

Date

Company Name

Telephone

Contractor's License Number (if applicable)



ADDENDUM NUMBER 2

SANITARY & WATER UTILITIES TO SERVE SHINSUNG

FOR THE

TOWN OF SHORTER

CDBG PROJECT NO:

ARC PROJECT NO:

GMC PROJECT NO. CMGM250057

1. Revisions to Project Manual

- 1.1 The following revisions are hereby added as Addendum No. 2 to the referenced Project Manual and Plans and shall be considered when preparing bids.
- 1.2 Funding Requirement – Potential Bidders must have an **active SAM.GOV registration**.
- 1.3 Revised bid proposal attached. It should be used in lieu of the previous version.

2. Revision to Drawing:

- 2.1 Drawing sheet C-301: revised and is attached.
- 2.2 Drawing sheet C-303: revised and is attached.
- 2.3 Drawing sheet G-002: has been added with notes.

3. Attachments

- 3.1 Bid Unit for Price Contract 00150 – Revised and attached.
- 3.2 C-301
- 3.3 C-303
- 3.4 G-002

4. Acknowledgement of Receipt

- 4.1 Receipt of Addendum No. 1 shall be acknowledged in two ways:
 - 4.1.1 Note on (5. Bid Until Price Contractors) page 150-1 – Bidder acknowledges receipt of “Addendum No. 2” and date of “May 2, 2025”.

AND

- 4.1.2 EMAIL the signed transmittal sheet to ashley.morris@gmcnetwork.com to confirm the addendum has been received and is legible.

5. Conclusion

- 5.1 This is the end of Addendum Number 2, dated Friday, May 2, 2025.

BID PROPOSAL - ADDENDUM NO. 2

**PROJECT: SANITARY & WATER UTILITIES TO SERVE SHINSUNG
FOR THE TOWN OF SHORTER, AL**
CDBG PROJECT NO.:
ARC PROJECT NO.:
GMC PROJECT NO.: CMGM250057

BIDDER: _____

Bidder agrees to perform all the work described in the specifications and shown on the plans for the following unit prices:

BASE BID

<u>Item No.</u>	<u>Qty.</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
1	1	LS	Mobilization & General Conditions (NTE 3% of Total Bid)	\$ LS	\$
2	380	LF	8" PVC, SDR 26 Sanitary Sewer Gravity Main (Various Depth)		
3	1	EA	48" Diameter Manhole w/ Ring & Cover (Various Depth)		
4	1	EA	48" Diameter Doghouse Manhole w/ Ring & Cover (Various Depth)		
5	1	LS	Connect to Existing Sewer Stub-Out	LS	
6	20	LF	2" PVC, CL 200 Domestic (BLUE) Water Main (Includes # 10 THHN Tracer Wire)		
7	600	LF	3" PVC, CL 200 Domestic (BLUE) Water Main (Includes # 10 THHN Tracer Wire)		
8	800	LF	8" PVC, C900 DR18 Fire Line Water Main (Includes # 10 THHN Tracer Wire)		
9	520	LF	8" PVC, C900 DR14 Fire Line Water Main (Includes # 10 THHN Tracer Wire)		
10	60	LF	8" DI, CL 350 Fire Line Water Main		
11	10	LF	14" Welded Steel Separation Casing		
12	45	LF	14" Welded Steel Encasement (Jack & Bore Installation)		
13	1	EA	3" Gate Valve (Includes Box, Concrete Collar & Marker Post)		
14	4	EA	8" Post Indicator Valve Assembly		
15	1	EA	8" Tapping Sleeve & Valve (Includes Box, Concrete Collar & Marker Post)		
16	1	TON	Ductile Iron Fittings		
17	1	EA	Flush Hydrant Assembly		
18	2	EA	Fire Hydrant Assembly		
19	1	LS	Connect to Existing Domestic and Fire Main Stub outs	LS	
20	1	LS	2" Service Tap w/ 2" Valve (Includes Box, Concrete Collar & Marker Post)	LS	
21	1	LS	2" Domestic Water Meter Assembly (Including Meter, Valve, Fittings & Jumbo Concrete Meter Box w/ Lid)	LS	
22	1	LS	2" Domestic Water Backflow Assembly (Including Backflow, Fittings and Jumbo Concrete Meter Box w/ Lid)	LS	
23	1	LS	6" Fire Meter Assembly (Including Vault, Hatch, Meter, Internal and Bypass Piping, Fittings, Valves, Etc.)	LS	
24	1	LS	8" Double Check Backflow Assembly (Including Vault, Hatch, Backflow, Internal & Bypass Piping, Fittings, Valves, Etc.)	LS	
25	1	LS	150,000 Gallon Glass-Fused-To-Steel Bolted Ground Storage Tank (Includes Site Work, Concrete Foundation / Floor, Tank Inlet / Outlet & OF Piping, OF Splash Pad, Rip-Rap / Filter Fabric, Etc.)	LS	
26	2	EA	Fire Tank Logo (See Appendix B) - 5 Mil. Thickness Vinyl Sticker - 9' Length x 4.5' Width (Confirm Dimensions Prior to Order)		
27	1	LS	Clearing & Grubbing	LS	
28	1	LS	Cleanup, Seeding, Mulching & Site Restoration	LS	
29	1	LS	Allowance - Stormwater Permit	LS	10,000.00
30	1	LS	Allowance - Engineering Controls	LS	5,000.00
31	1	LS	Allowance - Geotechnical Testing	LS	7,500.00
32	1	LS	Allowance - Owner's Contingency	LS	20,000.00
TOTAL BASE BID				\$	\$

ALTERNATE NO.1

<u>Item No.</u>	<u>Qty.</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
A1-1	1	LS	150,000 Gallon Epoxy Coated Bolted Ground Storage Tank (Includes Site Work, Concrete Foundation / Floor, Tank Inlet / Outlet & OF Piping, OF Splash Pad, Rip-Rap / Filter Fabric, Etc.)	\$ LS	\$
TOTAL ALTERNATE BID				\$	\$
TOTAL BASE BID (Minus Item No. 25) + TOTAL ALTERNATE BID				\$	\$

The above prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc. to cover the finished work of the several kinds called for.

Bidder understands that the Owner reserves the right to reject any or all bids and to waive informalities in the bidding.

The bidder agrees that this bid shall be good and may not be withdrawn for a period of 60 calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within fifteen (15) days and deliver a Surety Bond or Bonds as required by Paragraph 29 of the General Conditions.

The bid security attached in the sum of _____ (\$ _____) is to become the property of the Owner in the event the contract and bond are not executed within the time set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

Respectfully submitted:

By: _____

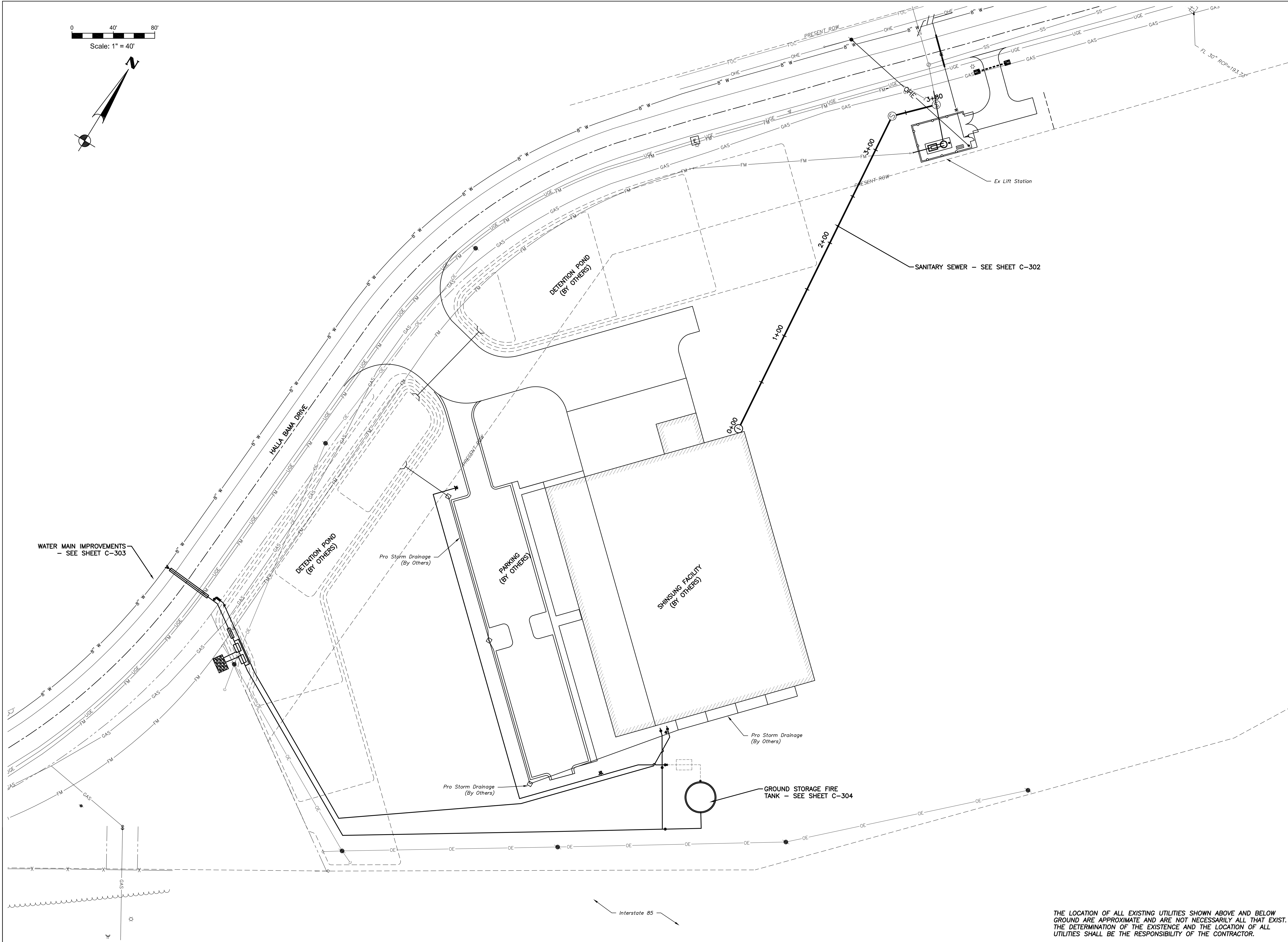
Title: _____

Company: _____

(Business Address & Zip Code)

(Seal - If bid is by a corporation)

DRAWING FILE T:\Projects\AL\Shorter, Town of\CMGM250057 Sanitary and Water Utilities to Serve SHINDVIG\PLANS\Bases rev.dwg
PCOT12C, May 01, 2025 - 3:03pm



THE LOCATION OF ALL EXISTING UTILITIES SHOWN ABOVE AND BELOW
GROUND ARE APPROXIMATE AND ARE NOT NECESSARILY ALL THAT EXIST.
THE DETERMINATION OF THE EXISTENCE AND THE LOCATION OF ALL
UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

Water & Sewer Utilities

TO SERVE SHINSUNG

Town of Shorter



GRAVITY SEWER
STA 0+00 TO 14+00

C-301

CMGM 25-0057
Construction Drawings

2660 East Chase Lane Suite 200
Montgomery, AL 36117
T 334.271.3200

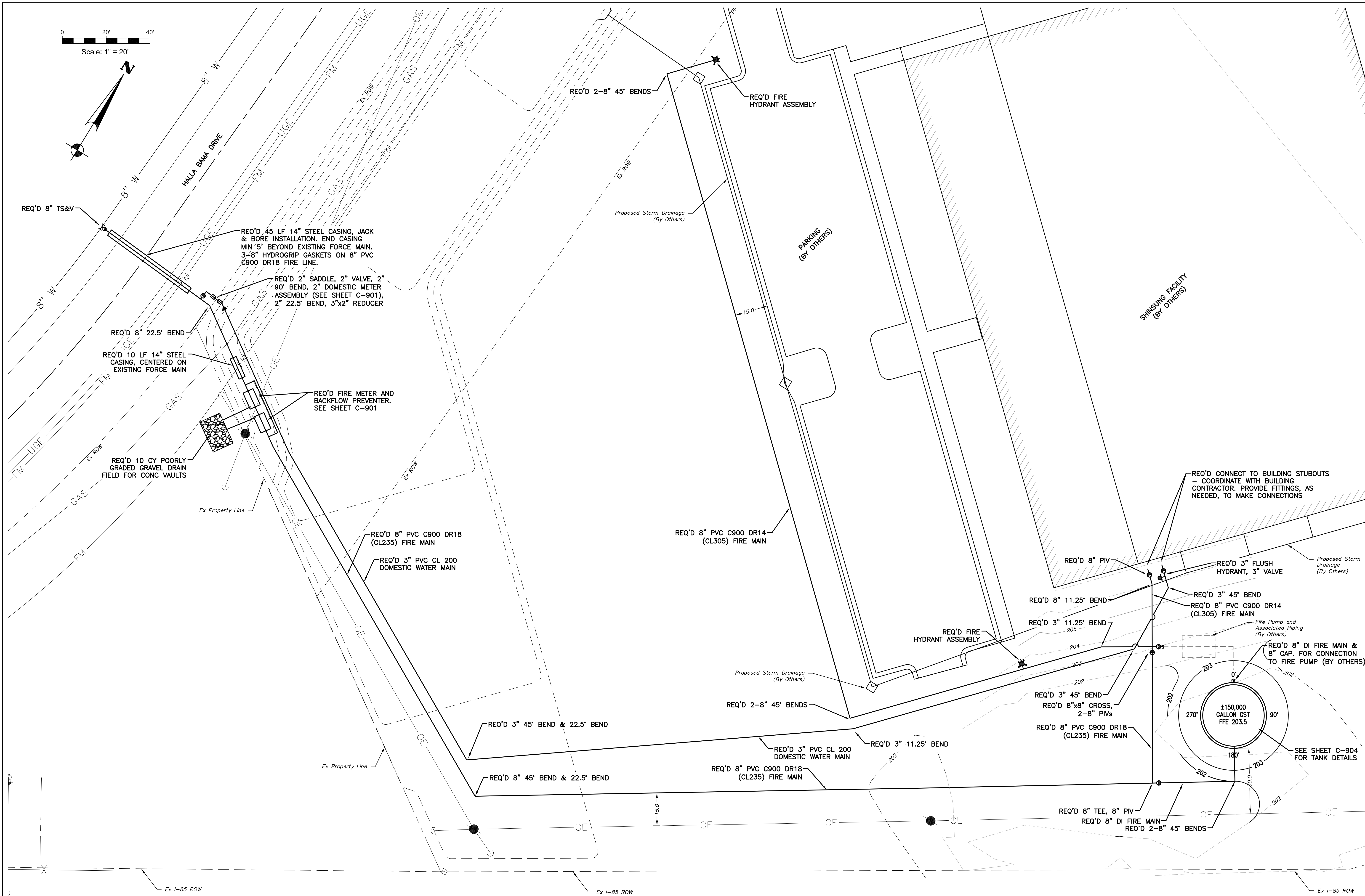


ISSUE	DATE
Prelim	8 Apr 2025
Final	22 Apr 2025
Addendum #2	30 Apr 2025

PROJECT MANAGER:	CTC
ENGINEER:	JAP
DESIGNER:	JAP
DRAWN BY:	JAP

GMC

DRAWING FILE T:\Projects\AL\Shorter, Town of\CMGM250057 Sanitary and Water Utilities to Serve SINC\DWG\PLANS\01 BASE.dwg
PLOTTED: May 01, 2025 - 10:26am



THE LOCATION OF ALL EXISTING UTILITIES SHOWN ABOVE AND BELOW GROUND ARE APPROXIMATE AND ARE NOT NECESSARILY ALL THAT EXIST. THE DETERMINATION OF THE EXISTENCE AND THE LOCATION OF ALL UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GMC

2660 East Chase Lane Suite 200
Montgomery, AL 36117
T 334.271.3200

ISSUE	DATE
Prelim	8 Apr 2025
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PROJECT MANAGER:	CTC
ENGINEER:	JAP
DESIGNER:	JAP
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Water & Sewer Utilities

TO SERVE SHINSUNG

Town of Shorter

CMGM 25-0057
Construction Drawings



DOMESTIC & FIRE
WATER MAINS

C-303

DRAWING FILE: \\Montgomery\CMGM Dwg\Shorter, George\180200 - Water & Sewer Improvements\PLANS\CMG-1-NOTES & LEGEND.dwg

UTILITY CONTACTS

GOODWYN MILLS CAWOOD LLC
CEDRIC CAMPELL, PE, PROJECT MANAGER
PHONE: (334) 271-3200

TOWN OF SHORTER
GEORGE DAVIS, TOWN CLERK
PHONE: (334) 740-0366

MACON COUNTY WATER AUTHORITY
ELNORA LOVE, GENERAL MANAGER
(334) 221-2381

AT&T
ROBERT JOHNSON
(334) 215-1562

SOUTHEAST ALABAMA GAS DISTRICT
JIMMY BLACK
(334) 208-3424

MACON COUNTY HIGHWAY DEPARTMENT
GEORGE SIMS, COUNTY ENGINEER
(334) 724-2619

ALDOT DISTRICT OFFICE
KEITH GRAY
(334) 738-2150

NOTE: THIS LIST IS NOT ALL INCLUSIVE.
CONTRACTOR IS RESPONSIBLE FOR
CONTACTING APPROPRIATE UTILITES FOR
LINE LOCATIONS/INFORMATION.

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
CL	CENTERLINE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CPP	CORRUGATED PLASTIC PIPE
CY	CUBIC YARD
DIA	DIAMETER
DI	DUCTILE IRON
EA	EACH
EL	ELEVATIONS
EX.	EXISTING
GV	GATE VALVE
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
N.T.S.	NOT TO SCALE
PIV	POST INDICATOR VALVE
PP	POWER POLE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RED	REDUCER
REQ'D	REQUIRED
RJDI	RESTRAINED JOINT DUCTILE IRON
SHT	SHEET
SPECS	SPECIFICATIONS
STD	STANDARD
SY	SQUARE YARD
TSV	TAPPING SLEEVE & VALVE
TYP	TYPICAL
W/	WITH
W/O	WITHOUT
WM	WATER METER
WV	WATER VALVE

GENERAL NOTES

1. ALL FLUSHING, PRESSURE TESTING AND DISINFECTION SHALL BE IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION (ALDOT), OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), MACON COUNTY WATER AUTHORITY (MCWA) SPECIFICATIONS AND LATEST ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) REGULATIONS. A CHART RECORDING WILL BE REQUIRED FOR PRESSURE TESTING. A COPY OF THE CHART RECORDING(S) AND DISINFECTION TESTING RESULTS SHALL BE PROVIDED TO THE ONSITE REPRESENTATIVE FOR DELIVERY TO THE ENGINEER.

2. WATER FOR FLUSHING, PRESSURE TESTING AND DISINFECTION WILL BE SUPPLIED BY THE OWNER AT NO COST TO THE CONTRACTOR.

3. ALDOT, ENGINEER, THE MACON COUNTY WATER AUTHORITY, MACON COUNTY ENGINEER, AND THE TOWN OF SHORTER REQUIRE A 7 BUSINESS DAY NOTIFICATION PRIOR TO BEGINNING WORK.

4. ALL WATER LINES AND SEWER FORCE MAINS SHALL BE INSTALLED TO A DEPTH OF COVER OF NOT LESS THAN 36", EXCEPT WHERE DEEPER COVER IS REQUIRED BY CONFLICTS WITH EXISTING UTILITIES. 48" MINIMUM COVER IS REQUIRED UNDER ROADWAY BORE CROSSINGS.

5. ALL EXISTING UTILITIES SHOWN ABOVE AND BELOW GROUND ARE APPROXIMATE AND ARE NOT NECESSARILY ALL THAT EXIST. THE DETERMINATION OF THE EXISTENCE AND THE LOCATION OF ALL UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

6. AS REQUIRED BY ALABAMA ACT 94-487: CALL TWO WORKING DAYS BEFORE EXCAVATION 1-800-292-8525, ALABAMA LINE LOCATION CENTER, INC.

7. WARNING: DO NOT DISTURB SURVEY MARKERS LOCATED ON ALDOT RIGHT-OF-WAY. ANY PROPERTY MARKERS OR RIGHT OF WAY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY AN ALABAMA LICENSED PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

8. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR UTILITIES.

9. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR ONE YEAR AFTER ACCEPTANCE BY THE OWNER.

10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND RESET/ RESET FENCING TO ORIGINAL CONDITION OR BETTER WHERE REQUIRED. ALL COSTS FOR THIS WORK SHALL BE INCLUDED IN THE TOTAL PRICE BID.

11. COMBINATIONS OF SILT FENCING AND EROSION EELS SHALL BE USED AS PROJECT CONDITIONS WARRANT TO PREVENT SEDIMENT RUNOFF FROM REACHING CREEKS, STREAMS, AND OTHER SURFACE WATER ADJACENT TO AND WITHIN THE PROJECT AREA IN ACCORDANCE WITH "BEST MANAGEMENT PRACTICES". EROSION CONTROL DEVICES INDICATED ON THE PROJECT PLANS SHALL BE CONSIDERED A MINIMUM TO BE IMPLEMENTED.

12. ALL TRENCHES SHALL BE BACKFILLED, SEEDED, AND MULCHED AT THE END OF EACH DAYS WORK. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT.

13. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY TEMPORARY DIVERSION OF RUNOFF WATER, AS REQUIRED TO FACILITATE CONSTRUCTION OR AS DIRECTED BY ALDOT OR THE ENGINEER. THIS TEMPORARY DIVERSION OF RUNOFF IS CONSIDERED INCIDENTAL TO THE BID.

14. SAFETY PRECAUTIONS INSTITUTED ALONG ALABAMA DEPARTMENT OF TRANSPORTATION AND MACON COUNTY RIGHT-OF-WAYS SHALL CONFORM TO THE REQUIREMENTS OF THE GOVERNING DEPARTMENT AT ALL TIMES.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SOLID WASTE (I.E., WOOD, STUMPS, ETC.) TO BE DISPOSED OF AND MUST BE IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM).

16. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION. (IF PROJECT NECESSITATES LANE CLOSURE, LAND CLOSURE MUST BE MADE PART OF THE PERMIT.)

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ORNAMENTAL VEGETATIVE LANDSCAPING (SHRUBS, FLOWERS, ORNAMENTAL GRASS, ETC.) DISTURBED DURING CONSTRUCTION AND SHALL BE REPLACED, TRANSPLANTED OR RE-SODDED AS DIRECTED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION DISTRICT MANAGER OR THE ENGINEER.

18. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO PUBLIC ROADS CAUSED BY HIS ACTIVITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET WITH STATE, COUNTY, AND LOCAL OFFICIALS TO AGREE UPON AND RECORD THE CONDITIONS OF THE ROADS BEFORE CONSTRUCTION COMMENCES.

19. SITE SECURITY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

20. PROPERTY INFORMATION SHOWN IS FOR GENERAL INFORMATION ONLY AND MAY NOT BE THE MOST RECENT OWNERSHIP ON RECORD.

21. THIS PROJECT IS BASED ON A UNIT PRICE CONTRACT. ALL WORK DESCRIBED, SHOWN, REFERENCED, OR OTHERWISE INDICATED IN OR ON THE DRAWINGS, PROPOSAL, ADVERTISEMENT AND SPECIFICATIONS ARE TO BE COMPLETED IN-PLACE AND SERVICEABLE ACCORDING TO THE PLANS, INSTRUCTIONS, SPECIFICATIONS, LINES AND GRADES INDICATED ON THE PLANS AND ALL APPLICABLE STATE, FEDERAL, AND MUNICIPAL CODES AND STANDARDS. INDIVIDUAL ITEMS OF WORK THAT ARE NECESSARY TO COMPLETE THE PROJECT TO THE LINES AND GRADES, EVEN IF NOT SHOWN OR DESCRIBED IN THE PLANS AND SPECIFICATIONS, ARE TO BE CONSIDERED INCIDENTAL TO THE BID AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.

22. THE CONTRACTOR IS REQUIRED TO DEVELOP AN AS-BUILT SET OF DRAWINGS AS PROJECT CONSTRUCTION PROGRESSES. THE COMPLETE AS-BUILT MAP WILL CONTAIN ALL INSTALLED LINES, VALVES, METERS, AND CONNECTIONS WITH REFERENCE DISTANCES TO PERMANENT ABOVE GROUND STRUCTURES.

23. THE CONTRACTOR IS EXPECTED TO CAREFULLY EXAMINE THE PLANS, PROPOSAL AND SITE OF THE WORK. THEREFORE, IT WILL BE ASSUMED THAT THE BIDDER HAS SATISFIED HIMSELF AS TO THE CONDITIONS TO BE ENCOUNTERED IN REGARDS TO THE CHARACTER, QUALITY, AND QUANTITIES OF WORK TO BE PERFORMED AND MATERIALS TO BE FURNISHED, AND AS TO THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS, SPECIAL PROVISIONS AND CONTRACT. THE SUBMISSION OF A PROPOSAL BY A BIDDER WILL BE CONSIDERED PRIMA FACIE EVIDENCE THAT THE BIDDER HAS MADE SUCH AN EXAMINATION.

24. ALL WORK SHALL MEET OR EXCEED THE TOWN OF SHORTER AND MACON COUNTY WATER AUTHORITY SPECIFICATIONS.

25. THE CONTRACTOR SHALL APPLY SEED AND MULCH PRIOR TO RAIN EVENTS IN DISTURBED AREAS IN ORDER TO MINIMIZE EROSION. DISTURBED AREAS THAT ARE INACTIVE FOR 14 DAYS OR MORE SHALL BE SEEDED AND MULCHED ACCORDING TO ALDOT SPECIFICATIONS.

26. ALL DISTURBED AREAS WILL BE SEEDED FOR PERMANENT VEGETATION, UNLESS THE TOWN OF SHORTER AND THE ENGINEER DIRECT THE CONTRACTOR TO VEGETATE THE AREA DIFFERENTLY.

27. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS HISTORICAL STRUCTURES, TREES, DRAINS, WATER OR GAS PIPES, POLES, WALLS, ETC. ARE NOT TO BE DISTURBED UNLESS NOTED AND APPROVED BY STATE HISTORIC PRESERVATION OFFICE (SHPO), ALDOT, ADEM, ENVIRONMENTAL PROTECTION AGENCY (EPA), ETC.

28. CONTRACTOR IS TO CLEAN UP STREETS IMMEDIATELY AFTER CONCRETE OR OTHER DELIVERY TRUCKS LEAVE THE SITE. MUD AND DEBRIS ARE TO BE KEPT OFF STATE AND COUNTY ROADS, INLETS, DITCHES, ETC.

29. FUEL TANKS SHALL NOT BE STORED ON THE RIGHT-OF-WAY OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICALS, FERTILIZERS, ETC. ONTO THE RIGHT-OF-WAY SHALL NOT BE LEFT UNATTENDED.

30. CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER OF ANY PERCEIVED CONFLICTS, AMBIGUOUS ITEMS OR DEFICIENCIES IN THE PLANS, SPECIFICATIONS, GENERAL NOTES, OR RELATED CONTRACT DOCUMENTS.

31. CONTACT THE TOWN OF SHORTER 48 HOURS PRIOR TO BEGINNING WORK ON THE RIGHT-OF-WAY.

32. ONSITE REPRESENTATIVE AND CONTACT INFORMATION: TIM MITCHELL; GOODWYN, MILLS, CAWOOD; (334) 271-3200.

33. THE ONSITE REPRESENTATIVE WILL HAVE THE CONSTRUCTION DOCUMENTS ON HAND, AT ALL TIMES.

36. ABSOLUTELY NO BORE PITS SHALL BE ALLOWED TO BE UNFILLED AND/OR UNCOVERED OVERNIGHT.

37. A BEST MANAGEMENT PLAN SHALL AT MINIMUM RETURN ALL EXPOSED AREAS TO ORIGINAL OR BETTER CONDITION WITH A GOOD STAND OF GRASS AND/OR SOD. SILT FENCE, HAY BALES, AND ANY OTHER EROSION CONTROL ITEMS NEEDED SHALL BE USED TO PREVENT EROSION.

38. THE AMOUNT OF AREA TO BE DISTURBED DURING CONSTRUCTION OF THIS PROJECT IS 10 ACRES.

39. ALL FILL MATERIAL OR ONSITE DEBRIS DEPOSITED IN THE RIGHT-OF-WAY SHALL BE REMOVED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.

40. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THE PROJECT, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

41. WATER LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE STANDARDS OF THE *AMERICAN WATER WORKS ASSOCIATION (AWWA)*.

42. UPON COMPLETION & ANY TIME THEREAFTER, THE TOWN OF SHORTER RETAINS THE RIGHT TO REQUEST ANY AS-BUILT PROFILE ON ANY BURIED UTILITIES IN SAID DEPARTMENT'S ROW.

43. ALL EQUIPMENT LEFT OVERNIGHT SHALL BE NO CLOSER THAN 30FT FROM EDGE OF PAVEMENT.

44. ALL WORK ON THE ROW WILL BE IN CONFORMANCE WITH LATEST EDITION OF ALDOT STANDARD SPECIFICATIONS.

45. PRESSURE PIPE LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE SECTIONS THE OF *AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)* AND *ASTM INTERNATIONAL (ASTM)*.

46. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST ASSOCIATED WITH OBTAINING A NPDES STORMWATER PERMIT, AND ANY/ ALL OTHER COSTS ASSOCIATED WITH THE NPDES PERMIT, WHICH INCLUDES, BUT IS NOT LIMITED TO THE INSPECTION FEES, NOTICE OF TERMINATION, RESPONDING TO VIOLATIONS, ANY FINES, ETC. ANY COSTS ASSOCIATED WITH RESPONDING TO VIOLATIONS OR FINES SHALL NOT BE PAID OUT OF THE STORM WATER ALLOWANCE, THESE ITEMS SHALL BE PAID BY THE CONTRACTOR AT ITS EXPENSE.

47. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY/ALL LICENSES AND OR PERMITS FROM THE TOWN OF SHORTER.

48. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING A SITE FOR STAGING AND/OR STORAGE OF MATERIALS FOR THIS PROJECT.

49. ALL FITTINGS ON THE FIRE LINE AND WATER LINES SHALL BE RESTRAINED WITH MEGALUGS OR PRE-APPROVED EQUIVALENT.

50. THE CONTRACTOR SHALL CONTACT THE TOWN OF SHORTER FIRE DEPARTMENT FOR REQUIREMENTS REGARDING THE INSTALLATION AND TESTING FOR THE UNDERGROUND FIRE LINES.

51. ALL UNDERGROUND FIRE SERVICE MAIN PIPING SHALL BE COMPLETELY FLUSHED IN ACCORDANCE WITH NFPA 20 AND NFPA 24, PRIOR TO CONNECTION TO THE BUILDING AND/OR FIRE PUMP. FLUSHING PROCEDURES ARE SUBJECT TO THE APPROVAL OF THE LOCAL FIRE DEPARTMENT.

52. THE UNDERGROUND FIRE LINE PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13 AND NFPA 24.

53. THE CONTRACTOR SHALL PERFORM A HYDROSTATIC TEST OF THE FIRE LINE PIPING, WITNESSED BY THE TOWN OF SHORTER FIRE DEPARTMENT. ALL PIPING FROM THE PUBLIC WATER SUPPLY TO THE BUILDING SHALL BE TESTED AT 200 PSI, FOR 2 HOURS, +/-5 PSI IS ALLOWED VARIATION OVER THE 2 HOURS.

EXISTING UTILITY LEGEND	
EXISTING BENDS	
EXISTING CONCRETE MONUMENT	
EXISTING IRON PIN	
EXISTING CULVERT	
EXISTING ELECTRICAL: UNDERGROUND	
EXISTING ELECTRICAL: OVERHEAD	
EXISTING FENCE: BARB WIRE	
EXISTING FIRE HYDRANT ASSEMBLY	
EXISTING FIBER OPTIC MARKER	
EXISTING GUY WIRE	
EXISTING POWER POLE	
EXISTING R.O.W.	
EXISTING SEWER FORCE MAIN	
EXISTING SEWER GRAVITY MAIN	
EXISTING SEWER MANHOLE	
EXISTING SIGN	
EXISTING TELEPHONE PEDESTAL	
EXISTING COMMUNICATION BOX	
EXISTING WATER MAIN	
EXISTING WATER VALVE	
EXISTING WATER MARKER	
EXISTING GAS MAIN	
EXISTING EASEMENT	
EXISTING LIGHT POLE	
EXISTING GUARDRAIL	

REQUIRED UTILITY LEGEND	
REQUIRED BENDS/FITTINGS	
REQUIRED BORE CASING	
REQUIRED WATER MAIN	
REQUIRED FORCE MAIN	
REQUIRED GATE VALVE	
REQUIRED FIRE HYDRANT ASSEMBLY	
REQUIRED TAPPING SLEEVE & VALVE	
REQUIRED SILT FENCE	
REQUIRED EROSION EEL	

54. THE CONTRACTOR SHALL FLUSH THE FIRE LINE PIPING FROM THE PUBLIC WATER SUPPLY TO THE BUILDING. THIS FLUSH SHALL BE WITNESSED BY THE FIRE DEPARTMENT. A COMPLETED COPY OF THE "CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR THE FIRE LINE PIPING" SHALL BE PROVIDED AT THE COMPLETION OF THE SYSTEM ACCEPTANCE TEST.

55. THE CONTRACTOR SHALL COMPLETE A FLOW TEST AND COPY OF TEST RESULTS SHALL BE PROVIDED TO THE TOWN OF SHORTER FIRE DEPARTMENT AT COMPLETION OF THE SYSTEM ACCEPTANCE TEST.

56. ALL PRIVATE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24 AND THE CONTRACTOR SHALL PAINT THE HYDRANTS WHITE. THE BONNET SHALL BE PAINTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF SHORTER.

57. THE CONTRACTOR WILL BE REQUIRED TO PERFORM SUCCESSFUL TEST ON THE FIRE LINE MULTIPLE TIMES. THE LINES SHALL BE TESTED PRIOR TO INITIALLY CONNECTION TO THE BUILDING. THIS LINE SHALL BE IN SERVICE FOR FIRE PROTECTION, WHILE THE TANK IS CONSTRUCTED. AFTER COMPLETION OF THE TANK, THE CONTRACTOR WILL BE REQUIRED TO TEST THE LINES PRIOR TO CONNECTION THE SYSTEM TO THE FIRE PUMP SYSTEM. ONCE THE LINE HAS BEEN RETESTED, THE CONTRACTOR SHALL BE REQUIRED TO CONNECT THE SYSTEM TO LINES CONNECTING TO THE FIRE PUMP SYSTEM. ALL THIS WORK SHALL BE A SUBSIDIARY OF THE FIRE LINE INSTALLATION AND SHALL BE INCLUDED IN THE CONTRACTOR'S BID FOR THE FIRE LINE.

58. THE CONTRACTOR FOR THIS PROJECT SHALL COORDINATED WITH INCO, THE CONTRACTOR CONSTRUCTING THE NEW SHINSUNG FACILITY, FOR THE INSTALLATION OF THE IMPROVEMENTS SHOWN IN THESE PLANS.

59.THE CONTRACTOR SHALL INSTALL BENDS AND FITTINGS AS REQUIRED TO CONSTRUCT THE IMPROVEMENTS SHOWN IN THE PLANS.

60. THE FILL MATERIAL PLACED FOR THE TANK SUBGRADE SHALL BE STRUCTURAL FILL, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER DESIGNING THE TANK FOUNDATION.

Water & Sewer Utilites

TO SERVE SHINSUNG

Town of Shorter



PROJECT NOTES & SYMBOL LEGEND

G-002

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