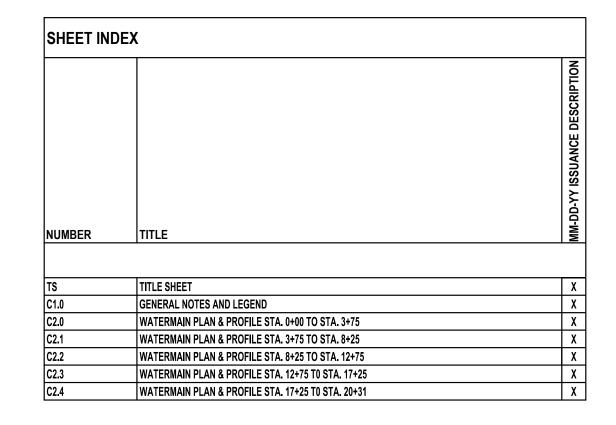
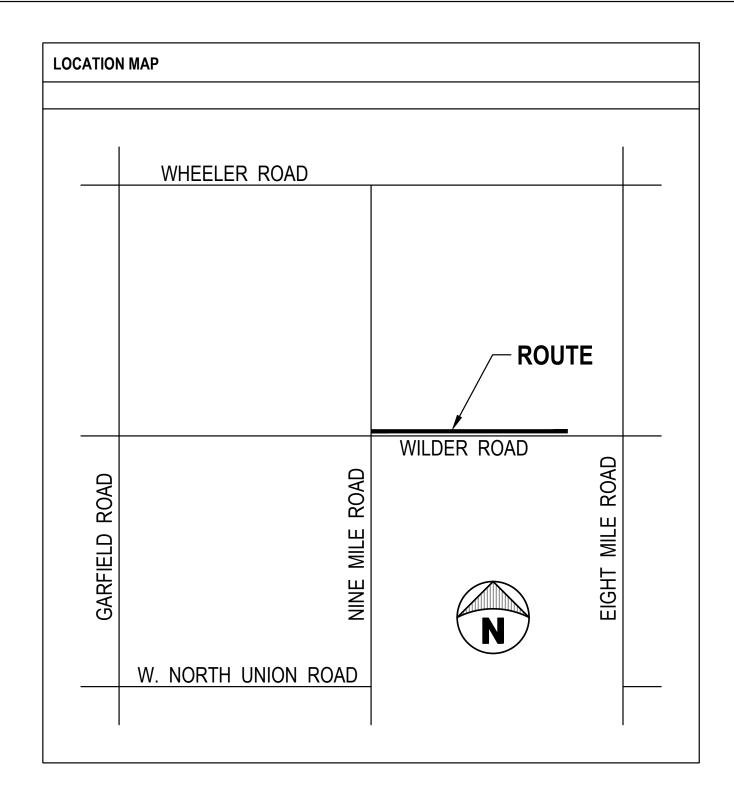
WILLIAMS CHARTER TOWNSHIP

WATERMAIN EXTENSION WILDER ROAD FROM NINE MILE ROAD EAST

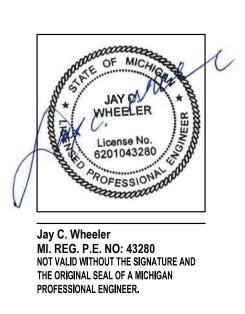
WILLIAMS CHARTER TOWNSHIP, BAY COUNTY, MI 48611











WILDER ROAD FROM NINE
EXTENTION WATERMAIN EXTENSION WILDER ROAD

PROPOSED WATERN

J. WHEELER

DESIGNED BY:
D.W.BANASZAK

DRAWN BY:
D.W.BANASZAK

PROJ #: 25-1247-0081

SHEET

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GENERAL SITE NOTES:

- 1. THE CONTRACTOR SHALL CALL "MISS DIG", 811, A MINIMUM OF 3 WORKING DAYS BEFORE DIGGING ON THE PROJECT TO VERIFY EXISTING UNDERGROUND UTILITIES.
- 2. THE EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DRAWN IN ACCORDANCE TO THE INFORMATION PROVIDED. ALL UTILITIES SHALL BE FIELD LOCATED BY THE CONTRACTOR PRIOR TO CROSSING. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 3. DURING THE LIFE OF THE PROJECT. THE CONTRACTOR SHALL CONFORM TO ACT No. 451. PUBLIC ACTS OF 1994, RELATIVE TO THE SOIL EROSION AND SEDIMENTATION CONTROL ACT.
- 4. CLEANUP SHALL INCLUDE DEBRIS REMOVAL, ROUGH GRADING, MINIMUM 4" TOPSOIL PLACEMENT, SEEDING, AND FERTILIZING OVER ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS.
- 5. CONTRACTOR TO SUPPLY ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THE WORK.
- 6. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. ALL COSTS FOR LOCATING, REMOVING, REPLACING OR RELOCATING THESE UTILITIES SHALL BE INCIDENTAL TO CONSTRUCTION. ALL UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH LIKE MATERIAL AT NO ADDITIONAL COST TO THE OWNER.
- 7. CONTRACTOR SHALL NOTIFY PROPER GOVERNMENTAL INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION.
- 8. THE CONTRACTOR SHALL BE REQUIRED TO COMPLETE ALL WORK IN AN EXPEDITIOUS MANNER AND SHALL NOT STOP CONSTRUCTION FOR EXTENDED PERIODS ONCE CONSTRUCTION HAS BEGUN.
- 9. THE CONTRACTOR SHALL MAINTAIN IN SERVICE, ALL EXISTING SANITARY SEWER, WATER OR STORM SEWER SERVICE CONNECTIONS WHENEVER POSSIBLE. COORDINATE WITH LOCAL UTILITY COMPANY AND OWNER BEFORE ANY UTILITIES TO BE OUT OF SERVICE FOR A PERIOD OF TIME.
- 10. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.

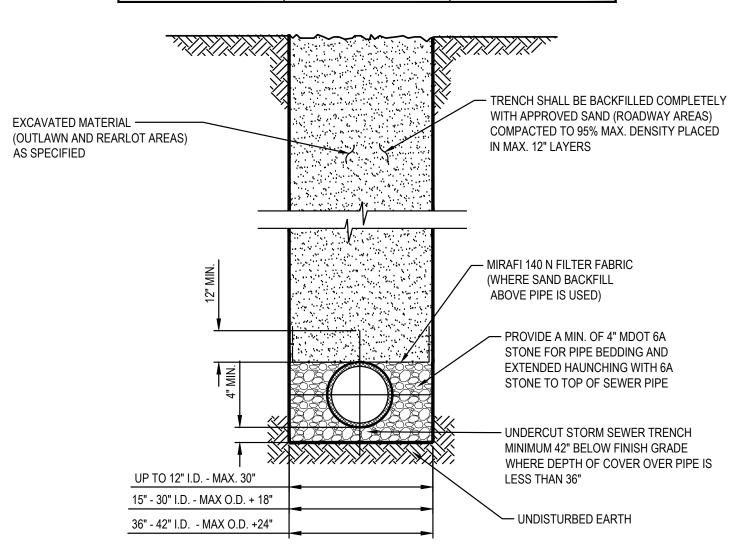
GENERAL GRADING NOTES:

- 1. THE CONTRACTOR SHALL CALL "MISS DIG", 811, A MINIMUM OF 3 WORKING DAYS BEFORE DIGGING ON THE PROJECT TO VERIFY EXISTING UNDERGROUND UTILITIES.
- 2. THE EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DRAWN IN ACCORDANCE TO THE INFORMATION PROVIDED. ALL UTILITIES SHALL BE FIELD LOCATED BY THE CONTRACTOR PRIOR TO CROSSING. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE
- 3. DURING THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL CONFORM TO ACT No. 451, PUBLIC ACTS OF 1994, RELATIVE TO THE SOIL EROSION AND SEDIMENTATION CONTROL ACT.
- 4. MATCH EXISTING BIT. PAVEMENT ALONG NEW WALKS AND PROPOSED NEW BIT. PAVEMENT AREAS WHERE APPLICABLE.
- 5. ALL UTILITY WORK SHALL CONFORM TO THE LATEST LOCAL MUNICIPALITY'S STANDARD SPECIFICATIONS AND DETAILS.
- 6. ALL WATER SERVICES SHALL BE TYPE "K" COPPER.
- SAND FILL UNDER FLOOR SLABS SHALL BE MDOT CL.II GRANULAR BACKFILL. SAND SHALL BE SPREAD IN UNIFORM LAYERS NOT TO EXCEED 6" THICK BEFORE COMPACTION. EACH LAYER SHALL BE THOROUGHLY COMPACTED WITH A VIBRATING COMPACTOR AFTER EACH LAYER IS PLACED. FILL SAND SHALL NOT HAVE A MOISTURE CONTENT GREATER THAN 15%. COMPACTION SHALL MEET 95% OF MAXIMUM UNIT WEIGHT AS DETERMINED BY THE MODIFIED PROCTOR TEST.
- 8. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL REGULATIONS FOR WORK AT THE SITE. THIS SHALL INCLUDE MIOSHA
- 9. THE CONTRACTOR/DEVELOPER SHALL PAY FOR AND OBTAIN ALL BUILDING PERMITS, LOCAL PERMITS AND PAY ALL CHARGES FOR ANY INSPECTION AND TESTING.
- 10. THE CONTRACTOR SHALL CONTROL NOISE, CARRY OUT A PROGRAM OF DUST CONTROL AND SHALL ALLOW NO ON-SITE BURNING.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE PREMISES AND UPON COMPLETION OF THE PROJECT LEAVE THE SITE IN AN ACCEPTABLE CONDITION AS DETERMINED BY THE ENGINEER OR THE OWNER.

GENERAL UTILITY NOTES:

- 1. THE CONTRACTOR SHALL CALL "MISS DIG" (811) 3 WORKING DAYS BEFORE DIGGING ON THE PROJECT TO VERIFY EXISTING UNDERGROUND UTILITIES.
- 2. CONTRACTOR TO INSTALL WATER SERVICE TO ROW LINE OF PROPERTY PER DETAIL.
- 3. THE EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DRAWN IN ACCORDANCE TO THE INFORMATION PROVIDED. ALL UTILITIES SHALL BE FIELD LOCATED BY THE CONTRACTOR PRIOR TO CROSSING. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 4. DURING THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL CONFORM TO ACT No. 451. PUBLIC ACTS OF 1994, RELATIVE TO THE SOIL EROSION AND SEDIMENTATION CONTROL ACT.
- 5. ALL UTILITY WORK SHALL CONFORM TO WILLIAMS TOWNSHIP AND BAY COUNTY DEPARTMENT OF WATER & SEWER AND BAY COUNTY ROAD COMMISSION LATEST STANDARD SPECIFICATIONS AND DETAILS WHERE APPLICABLE.
- 6. THE SITE EXCAVATION CONTRACTOR SHALL VERIFY THE EXISTING WATER MAIN CONNECTION DEPTH PRIOR TO ANY EXCAVATION.
- 7. ALL DISTURBED AREAS AND PROPERTY TO BE RETURNED TO EXISTING OR BETTER CONDITION UPON PROJECT COMPLETION.
- 8. BACKFILL ALL TRENCHES UNDER SLABS, WALKS AND PAVED AREAS WITH COMPACTED SAND BACKFILL MDOT CL.II. COMPACTION SHALL BE 95% MAXIMUM UNIT WEIGHT PER MDOT
- 9. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL REGULATIONS FOR WORK AT THE SITE. THIS SHALL INCLUDE MIOSHA REGULATIONS.
- 10. THE CONTRACTOR SHALL CONTROL NOISE, CARRY OUT A PROGRAM OF DUST CONTROL AND SHALL ALLOW NO ON-SITE BURNING.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE PREMISES AND UPON COMPLETION OF THE PROJECT LEAVE THE SITE IN AN ACCEPTABLE CONDITION AS DETERMINED BY THE ENGINEER OR THE OWNER.
- 12. ALL WATER MAIN AND WATER SERVICE CONSTRUCTION SHALL BE IN ACCORDANCE WITH WILLIAMS TOWNSHIP, BAY COUNTY DEPARTMENT OF WATER AND SEWER, AND BAY COUNTY ROAD COMMISSION SPECIFICATIONS FOR WATER MAIN INSTALLATION AND AS APPROVED BY THE MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES AND ENERGY (EGLE), IF APPLICABLE. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND FEES PRIOR TO ANY CONSTRUCTION.
- 13. MAINTAIN A MINIMUM OF 10' OF HORIZONTAL SEPARATION BETWEEN WATER MAIN AND ANY SANITARY SEWER MAINLINE, WHERE APPLICABLE.
- 14. WATER MAIN PIPE MUST BE C900 PVC IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, IF APPLICABLE. MAINTAIN A MINIMUM OF 5.5' FEET OF COVER OVER ALL WATER MAIN PIPE. MAINTAIN A 18" SEPARATION FOR ANY UTILITY CROSSINGS. INSTALL BENDS AS REQUIRED.
- 15. WATER SERVICES 2" AND SMALLER SHALL BE TYPE K COPPER. 4" AND LARGER SHALL BE C900 DR18 PVC. MAINTAIN A MINIMUM OF 5.5' FEET OF COVER OVER ALL WATER SERVICE
- 16. PRESSURE TESTING AND CHLORINATION SHALL BE IN ACCORDANCE WITH BAY COUNTY DWS AND AWWA STANDARDS.

PIPE SIZE	TRENCH	WIDTH
THE OIZE	MINIMUM	MAXIMUM
8" & 10"	24"	30"
12" & 15"	30"	36"
18"	34"	40"
21"	38"	42"
24"	42"	46"
27"	45"	49"
30"	49"	53"
36"	56"	60"
LARGER THAN 36" O.D.	I.D. + 20"	I.D. + 24"



DWPE, HDPE, PVC, & A/D 2000, SEWER PIPE TRENCH DETAIL NOT TO SCALE

UTILITY CONTACTS

TELEPHONE SERVICES ENGINEERING DEPT. ROOM 525 309 S. WASHINGTON AVENUE SAGINAW, MICHIGAN 48607

BAY COUNTY DEPARTMENT OF WATER AND SEWER 3933 PATTERSON RD BAY CITY, MI 48706 TEL. (989) 684-3883

WILLIAMS TOWNSHIP 1080 W. MIDLAND RD **AUBURN, MI 78611** TEL. (989) 662-4631

CONSUMERS ENERGY

2400 WEISS STREET SAGINAW,

MICHIGAN 48602 (517) 791-5903

BAY COUNTY ROAD COMMISSION 2600 E. BEAVER RD KAWKAWLIN, MI 48631 TEL. (989) 686-4610

UTILITY NOTE

THE UTILITY LOCATIONS AS HEREIN SHOWN ARE BASED ON FIELD OBSERVATIONS AND A CAREFUL REVIEW OF MUNICIPAL AND UTILITY RECORDS. HOWEVER, IT IS NOT POSSIBLE TO DETERMINE THE PRECISE SIZE, LOCATION, DEPTH, PRESSURE, OR ANY OTHER CHARACTERISTICS OF UNDERGROUND UTILITIES, TANKS OR SEPTIC FIELDS WITHOUT EXCAVATION. THEREFORE, WE CANNOT GUARANTEE THE ACCURACY OF COMPLETENESS OF THE BURIED UTILITY INFORMATION HEREIN SHOWN. THE CONTRACTOR SHALL CALL "MISS DIG" AT (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO ANY EXCAVATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THESE LOCATIONS PRIOR TO CONSTRUCTION AND MAKE EVERY EFFORT TO PROTECT AND/OR RELOCATE THEM AS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DESIGN AS SOON AS POSSIBLE IN THE EVENT A DISCREPANCY IS FOUND.

BENCH MARKS

- B.M.#1 NORTHEAST FLANGE BOLT ON HYDRANT ON NINE MILE ROAD 180' NORTH OF W. WILDER ROAD
- B.M.#2 SPIKE IN POWER POLE 49' EAST OF NINE MILE ROAD AND 33' SOUTH OF W. WILDER ROAD EL. 609.89
- B.M.#3 ARROW ON HYDRANT IN FRONT OF 312 W. WILDER ROAD

ALL ELEVATIONS ARE NAVD.88

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

- 1.) CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING
- 2.) SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
- 3.) CLEANUP WILL BE DONE IN A MANNER TO INSURE THAT EROSION CONTROL MEASURES ARE NOT
- 4.) THE PROJECT WILL CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES WILL BE CORRECTED BY THE CONTRACTOR WITHIN 24 HOURS.
- 5.) TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES.

7 HYDRO SEEDING	EFFECTIVE ON LARGE AREAS. MULCH TACKING AGENT USED TO PROVIDE IMMEDIATE PROTECTION UNTIL GRASS IS ROOTED. SHOULD INCLUDE PREPARED TOPSOIL BED.
SEDIMENT TRAP	MAY BE CONSTRUCTED OF A VARIETY OF MATERIALS. TRAPS SEDIMENT AND REDUCES VELOCITY OF FLOW. MUST BE CLEANED AND EXPANDED AS NEEDED.
CHECK DAMS	REDUCES FLOW VELOCITY. CATCHES SEDIMENT. CAN BE CONSTRUCTED OF LOGS, STRAW, HAY, ROCKS, LUMBER, MASONRY, OR SANDBAGS.

TEMPORARY MEASURE

TOTAL DISTURBED AREA = 0.56 ACRES **DENOTED THUS ON PLANS:**



SOIL EROSION	AND SEDIM	IENTATION	CONTROL	MAINTENA	ANCE SCHE	DULE	
TASK	FREQUENCY	TRACKING MAT	SILT FENCE	INLET FILTERS	STORM SEWER	CB SUMPS	VEGETATION
INSPECT FOR SEDIMENT ACCUMULATION	WEEKLY	Х	Х	Х	Х	Х	
REMOVE ACCUMULATED SEDIMENT	AS NEEDED		Х	Х	Х	Х	
INSPECT FOR FLOATABLES AND DEBRIS	WEEKLY				Х	Х	
REMOVE FLOATABLES AND DEBRIS	AS NEEDED				Х	Х	
INSPECT FOR PERMIT CONFORMANCE	AFTER RAIN	Х	Х	Х			
RESTORE TO PERMIT CONFORMANCE	AS NEEDED	Х	Х	Х			
INSPECT FOR SOIL EROSION	AFTER RAIN						Х
RESTORE TO PREVENT EROSION	AS NEEDED						Х
SCRAPE STREET	DAILY						
SWEEP STREET	WEEKLY						

SOIL EROSION AN				-		<u> </u>					- -		
CONSTRUCTION SEQUENCE	2025	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY EROSION CONTROL MEASURES													
INSTALL SANITARY SEWER													
INSTALL WATERMAIN													
PERMANENT EROSION CONTROL MEASURES													
FINISH GRADING AND INSTALL LANDSCAPING													
REMOVE CHECK DAM. REMOVE SILT & REGRADE	DITCH												

LEGEND EX. SPOT GRADE — EX. CONTOUR — 600 — EX. CONTOUR · · — EX. CENTERLINE DITCH ---STM---EX. STORM SEWER — -- WAT — -- EX. WATERMAIN -----×-----× EX. CHAINLINK FENCE EX. WOOD FENCE — — GAS — — EX. GAS LINES EX. COMMUNICATION LINES

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NOTE

6

EX. OVERHEAD UTILITY WIRES EX. RAILROAD CENTERLINE 7//////////

EX. BUILDINGS EX. BITUMINOUS PAVEMENT EX. CONCRETE PAVEMENT

(C. OR CONC.)

4 4 4

EX. GRAVEL PAVEMENT

EX. SIGN WITH POST EX. STEEL POST/BOLLARD EX. STORM CURB INLET EX. STORM CATCH BASIN/MANHOLE

EX. SANITARY MANHOLE EX. WATER OR GAS VALVE

EX. UTILITY POLE EX. SEWER CLEANOUT EX. SPRINKLER/SPIGOT

EX. WATER WELL EX. DRINKING FOUNTAIN

EX. LIGHT POLE EX. UTILITY RISER EX. MAILBOX

EX. DOWNSPOUT EX. FLAG POLE EX. ELECTRICAL BOX

> EX. TRANSFORMER PROP. HYDRANT PROP. WATER VALVE

PROP. SANITARY MANHOLE PROP. STORM CATCH BASIN/MANHOLE PROP. SIGN

PROP. CENTERLINE DITCH PROP. SANITARY SEWER

PROP. STEEL POST/BOLLARD

PROP. STORM SEWER PROP. WATERMAIN PROP. GAS LINE

PROP. CHAINLINK FENCE PROP. WOOD FENCE PROP. ELECTRIC LINES

PROP. COMMUNICATION LINES PROP. OVERHEAD UTILITY WIRES PROP. DRAINAGE FLOW

FINISH SURFACE TOP OF CURB TOP OF WALK TC =000.00

PROP. SPOT ELEVATION PROP. GRADE CONTOUR (MAJR) PROP. GRADE CONTOUR (MINR) PROP. BITUMINOUS PAVEMENT

PROP. HEAVY DUTY PAVEMENT

///////

PROP. CONCRETE PAVEMENT PROP. GRAVEL SURFACE PROP. LIGHTPOLE

OHD 7777777777

UNDERGROUND OVERHEAD PROP. BUILDING CAUTION: UTILITY CROSSING

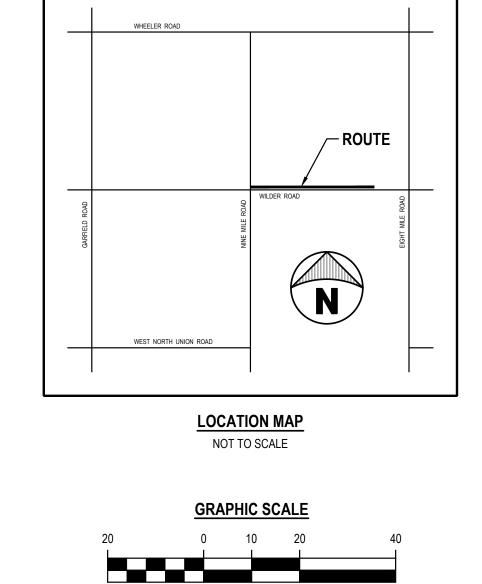
SOIL BORING

SET 1/2" X 18" STEEL BAR W/CAP #47954

CONCRETE MONUMENT FOUND CORNER AS NOTED SECTION CORNER

CHECKED BY: J. WHEELER DESIGNED BY D.W.BANASZAK DRAWN BY: D.W.BANASZAK PROJ #: 25-1247-0081

SHEET



(IN FEET) 1 inch = 20 ft.

> \mathcal{C} STA. PROPOSED WATERMAIN PLAN & PROFILE STA. 0+00

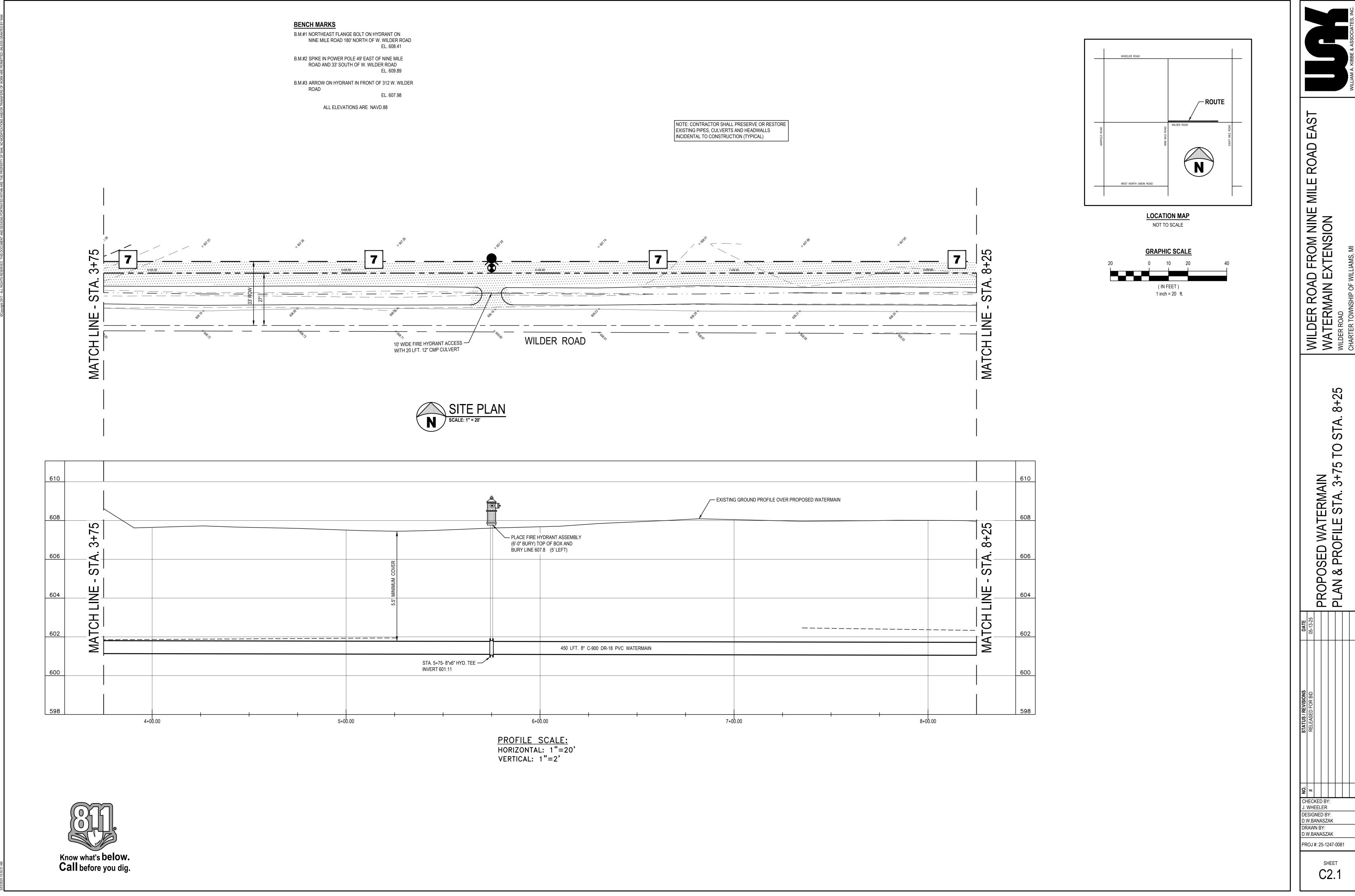
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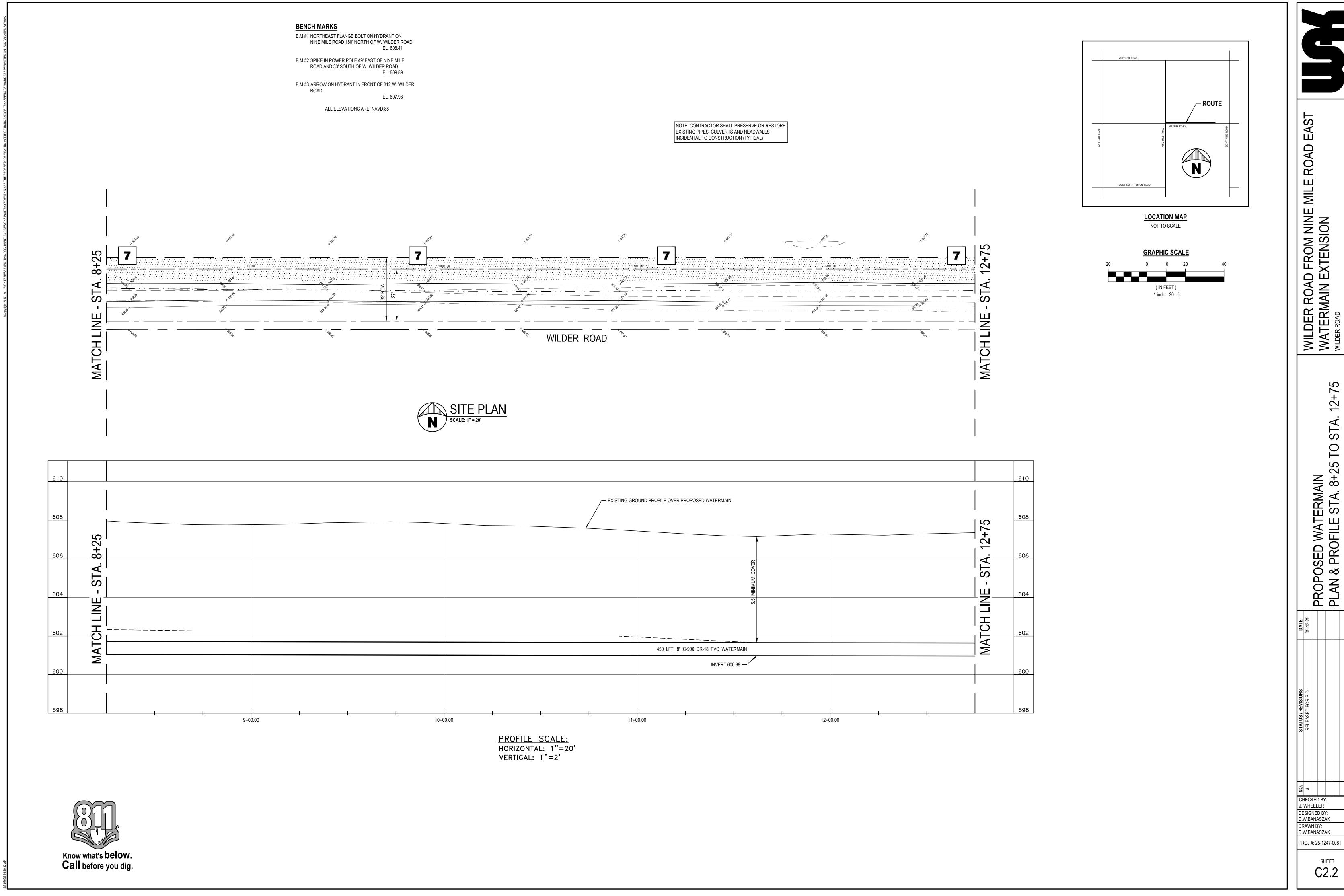
ER ROAD FROM NINE NERMERNER NEW EXTENSION



8+25 PROPOSED WATERMAIN PLAN & PROFILE STA. 3+75

SHEET

C2.1



WILDER ROAD FROM NINE MILE R
WATERMAIN EXTENSION
WILDER ROAD 12+75 PROPOSED WATERMAIN PLAN & PROFILE STA. 8+25

SHEET

B.M.#2 SPIKE IN POWER POLE 49' EAST OF NINE MILE ROAD AND 33' SOUTH OF W. WILDER ROAD EL. 609.89 B.M.#3 ARROW ON HYDRANT IN FRONT OF 312 W. WILDER ALL ELEVATIONS ARE NAVD.88 NOTE: CONTRACTOR SHALL PRESERVE OR RESTORE EXISTING PIPES, CULVERTS AND HEADWALLS INCIDENTAL TO CONSTRUCTION (TYPICAL) 12+75 ─ 10' WIDE FIRE HYDRANT ACCESS

WITH 20 LFT. 12" CMP CULVERT 610 — EXISTING GROUND PROFILE OVER PROPOSED WATERMAIN 25 +75 PLACE FIRE HYDRANT ASSEMBLY (6'-0" BURY) TOP OF BOX AND BURY LINE 607.6 (5' LEFT) 12 606 STA STA 604 MATCH LINE MATCH LINE 602 — STA. 13+25 8"x6" HYD. TEE INVERT 600.96 ► INVERT 600.95 600 ► INVERT 600.21 13+00.00 17+00.00 16+00.00 PROFILE SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=2'

BENCH MARKS

610

608

606

604

600

Know what's below. Call before you dig.

B.M.#1 NORTHEAST FLANGE BOLT ON HYDRANT ON NINE MILE ROAD 180' NORTH OF W. WILDER ROAD

EL. 608.41

WILDER ROAD FROM NINE MILE R
WATERMAIN EXTENSION
WILDER ROAD
CHARTER TOWN



/- ROUTE

LOCATION MAP

NOT TO SCALE

(IN FEET) 1 inch = 20 ft.

CHECKED BY: J. WHEELER

DESIGNED BY: D.W.BANASZAK

DRAWN BY: D.W.BANASZAK

PROJ #: 25-1247-0081

SHEET

B.M.#2 SPIKE IN POWER POLE 49' EAST OF NINE MILE ROAD AND 33' SOUTH OF W. WILDER ROAD B.M.#3 ARROW ON HYDRANT IN FRONT OF 312 W. WILDER EL. 607.98 ALL ELEVATIONS ARE NAVD.88 NOTE: CONTRACTOR SHALL PRESERVE OR RESTORE EXISTING PIPES, CULVERTS AND HEADWALLS INCIDENTAL TO CONSTRUCTION (TYPICAL) B.M. ARROW ON HYDRANT EL. 607.98 PROP. 8" 45 BEND REMOVE AND REPLACE EXISTING
12" CMP TO ACCOMODATE
CONSTRUCTION NOTE: PLACE TWO ADDITIONAL 8"x6" TEES AND HYDRANT ASSEMBLIES AT STA. 24+03 AND AT STA. 45+38. EX. 8" WATERMAIN- — — — **MATCH LINE** 610 17+25 EXISTING GROUND PROFILE OVER PROPOSED WATERMAIN RESTORE DITCH TOP OF BOX ELEVATION 606.00 STA MATCH LINE 604 602 EXISTING 8" C-900 PVC WATERMAIN 600 306 LFT. 8" C-900 DR-18 PVC WATERMAIN INVERT 600.20 — INVERT 599.60 — INVERT 599.31 STA. 20+02- 8" 45° BEND —— INVERT 598.97 19+00.00 21+00.00 STA. 21+31± REMOVE PLUG AND PLACE 8" VALVE & BOX, FIELD LOCATE TO CONFIRM INVERT STA. 23+01 8" 45° BEND INVERT 598.90 PROFILE SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=2'

BENCH MARKS

610

608

606

604

602

600

Know what's below. Call before you dig.

B.M.#1 NORTHEAST FLANGE BOLT ON HYDRANT ON

NINE MILE ROAD 180' NORTH OF W. WILDER ROAD EL. 608.41

/- ROUTE **LOCATION MAP** NOT TO SCALE

(IN FEET) 1 inch = 20 ft. WILDER ROAD FROM NINE MILE R
WATERMAIN EXTENSION
WILDER ROAD
CHARTER TOWN 20+31± SEV 17+2

PROPOSED SANITARY PLAN & PROFILE STA.

CHECKED BY: J. WHEELER DESIGNED BY: D.W.BANASZAK DRAWN BY: D.W.BANASZAK PROJ #: 25-1247-0081 SHEET