

3.7.11



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MISSOURI DEPARTMENT
OF TRANSPORTATION

WATER & SEWER CONNECTIONS
DISTRICT #9
STEELVILLE, MISSOURI
Route 8, 0.5 Miles East of Route 19
Crawford County

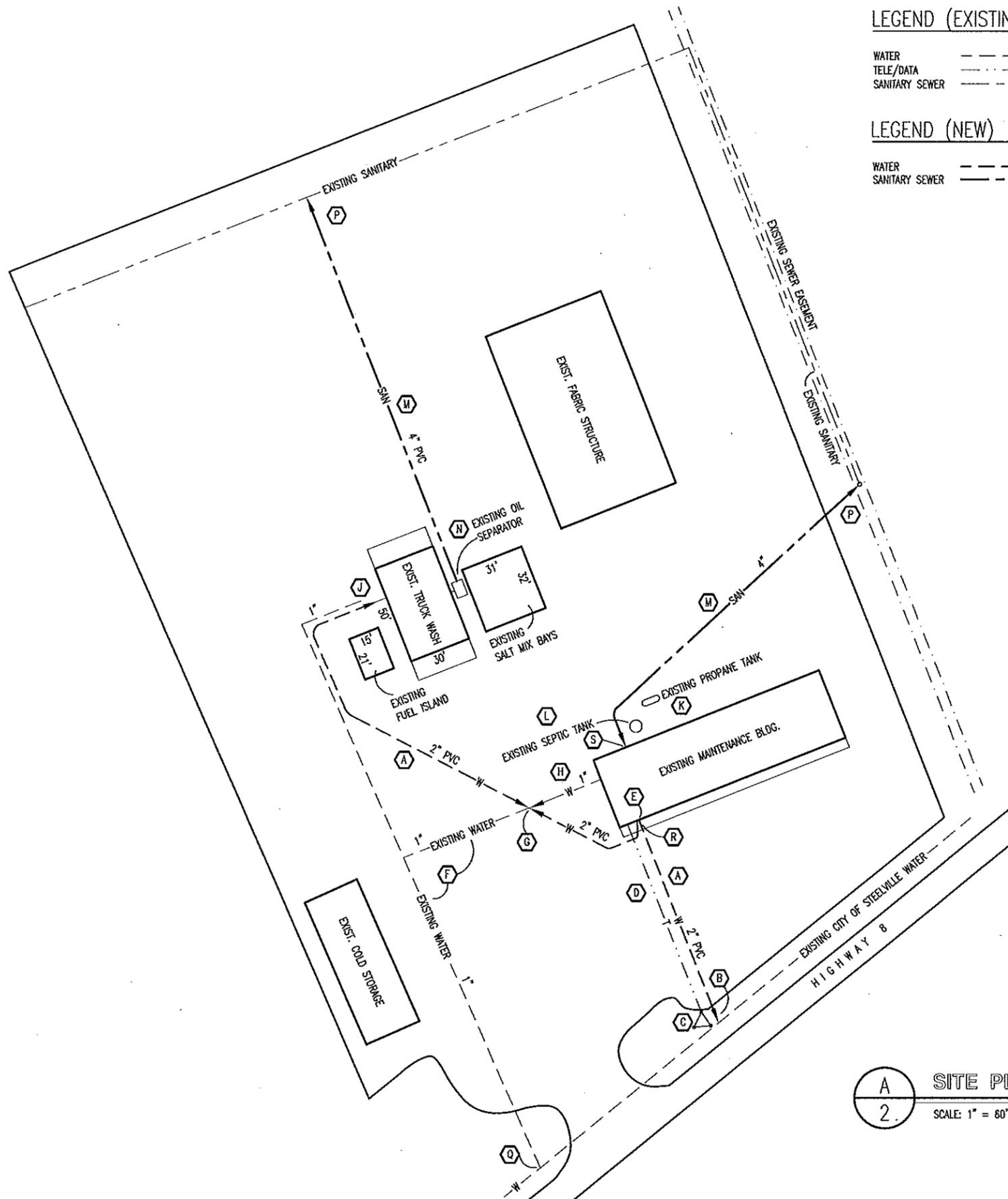
CODE REQUIREMENTS

PLUMBING CODE - CURRENT IBC

Water & Sewer Connections
District #9 - Crawford County
Steelville, Missouri

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

COVER SHEET

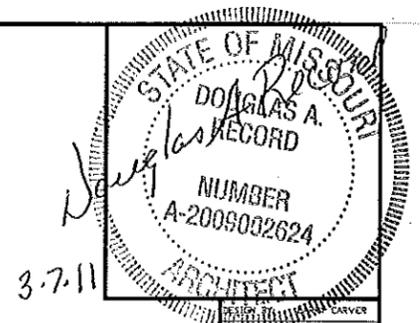


- LEGEND (EXISTING)**
- WATER ----- W
 - TELE/DATA ----- T
 - SANITARY SEWER ----- SAN
- LEGEND (NEW)**
- WATER ----- W
 - SANITARY SEWER ----- SAN

- GRADING NOTES**
- CONTRACTOR WILL BE RESPONSIBLE FOR:
- EXCAVATION OF TRENCHES.
 - ALL BACKFILL MATERIAL AS REQUIRED FOR NEW UTILITIES.
 - 6" OF TYPE 5 ROCK BASE FOR ROCK AREAS DISTURBED DURING CONSTRUCTION.
 - ANY EXTRA FILL MAY BE DUMPED ON SITE PER RELOCATION BY OWNER.
 - PROVIDE TOP SOIL, FERTILIZE, SEED AND STRAW AT ALL THE LAWN AREAS DISTURBED DURING CONSTRUCTION.
 - VERIFY LOCATION OF ALL OF THE UTILITIES ON-SITE BEFORE CONSTRUCTION

- SITE NOTES**
- (A) NEW 2" SDR21 PVC CASKETING WATER PIPE. ALL CONNECTIONS SUCH AS 45°, 90°, TEES, ETC. ARE TO BE BRASS MECHANICAL FITTINGS/MJ FITTINGS.
 - (B) CONTRACTOR TO CONNECT WATER SUPPLY AS REQUIRED TO THE CITY OF STEELVILLE SUPPLIED AND INSTALLED 2" WATER METER AND SHUT-OFF IN PIT.
 - (C) EXISTING MODOT GPS TOWER TO REMAIN. PROTECT TOWER AND DOWN-GUYS DURING CONSTRUCTION.
 - (D) EXISTING TELECOMMUNICATION CABLING. PROTECT DURING CONSTRUCTION.
 - (E) 2" WATER SUPPLY TO ENTER BUILDING. SUPPLY AND INSTALL 12" UP ON SOUTH WALL OF EXISTING MAINTENANCE BUILDING A 2" WATTS #909 BACKFLOW PREVENTER. PROVIDE BLOCKING AS REQUIRED. THEN THE NEW 2" SCHEDULE 80 WATER SUPPLY IS TO EXIT THE EXISTING MAINTENANCE BUILDING AS SHOWN TO SUPPLY WATER FOR THE EXISTING TRUCK WASH.
 - (F) EXISTING 1" WATER SUPPLY IS TO ABANDONED IN-PLACE.
 - (G) TAP AND PROVIDE TEE(S) AS REQUIRED TO BACK FEED EXISTING 1" WATER SUPPLY FOR THE EXISTING MAINTENANCE BUILDING.
 - (H) EXISTING 1" WATER LINE TO REMAIN AS WATER SUPPLY LINE FOR THE EXISTING MAINTENANCE BUILDING. PROVIDE SHUT-OFF IN CONCRETE PIT WITH CLASS "C" FRAME AND LID.
 - (J) TAP NEW 2" WATER SUPPLY TO AN EXISTING WATER SHUT-OFF VALVE IN PIT JUST OFF THE WESTERN SIDE OF THE EXISTING TRUCK WASH AS REQUIRED FOR AN OPERABLE SERVICE.
 - (K) EXISTING PROPANE TANK TO REMAIN. PROTECT TANK AND THE SERVICE LINE TO MAINTENANCE BUILDING DURING CONSTRUCTION.
 - (L) CONTRACTOR TO DISCONNECT SEWER LINE FROM THE EXISTING MAINTENANCE BUILDING. PLUG, REMOVE EXISTING SEPTIC TANK AND DISCARD OFF-SITE AS REQUIRED. COORDINATE WITH OWNER.
 - (M) CONTRACTOR TO PROVIDE AND INSTALL 4" SCHEDULE 40 PVC SANITARY SEWER LINE.
 - (N) CONTRACTOR TO MAKE SANITARY SEWER CONNECTION AT THE EXISTING OIL SEPARATOR.
 - (P) PROVIDE SEWER CONNECTION AS REQUIRED TO THE EXISTING SANITARY SEWER TAP THAT IS TO BE SUPPLIED AND INSTALLED BY THE CITY OF STEELVILLE. IT IS TO BE A GRAVITY FLOW TYPE SEWER FOR AN OPERABLE SERVICE. VERIFY FLOW LINE.
 - (Q) CONTRACTOR TO COORDINATE WITH THE CITY OF STEELVILLE THE DISCONNECTING OF THE EXISTING 1" WATER TAP.
 - (R) CONTRACTOR TO SAWCUT AND REMOVE 5'-0" DEEP CONCRETE APPROACH PAD TO EXISTING MAINTENANCE BUILDING AS REQUIRED FOR NEW 2" WATER LINE. PATCH CONCRETE WITH LIKE THICKNESS AND DOWEL INTO THE EXISTING FLANKING CONCRETE PADS W/12" #4's @ 16" O.C. 6" EACH SIDE. NEW CONCRETE IS TO BE FIVE BAG MIX.
 - (S) CONTRACTOR TO CONNECT NEW SANITARY SEWER TO EXISTING LINE THAT LEAVES THE MAINTENANCE BUILDING AS REQUIRED.

A **SITE PLAN**
2. SCALE: 1" = 60'-0"
 NORTH



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 District #9 - Crawford County
 Steelville, Missouri

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SITE PLAN