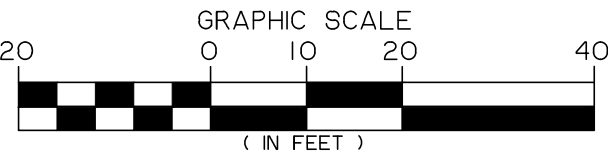


- (200) — POT HOLE EXISTING UTILITY AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- (201) — HOT TAP EXISTING 12" WATERLINE WITH TAPPING SLEEVE (12"x12" MUELLER WITH MECHANICAL JOINT TAPPING SLEEVE OR APPROVED EQUAL) AND 12" TAPPING VALVE (MUELLER RESILIENT WEDGE TAPPING VALVE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (202) — CONNECT TO EXISTING 12" WATERLINE WITH APPROPRIATE FITTINGS AND COUPLINGS ONCE NEW WATERLINE HAS BEEN APPROVED FOR USE AND EXISTING WATERLINE HAS BEEN ABANDONED. PROVIDE MECHANICAL JOINT RESTRAINT TO ALL PIPE JOINTS A MINIMUM OF 20 FEET FROM EXISTING GATE VALVE. TEMPORARY BLOW OFF WILL BE INCIDENTAL TO THIS WORK.
- (203) — CONNECT TO EXISTING 6" WATERLINE WITH APPROPRIATE FITTINGS AND COUPLINGS ONCE NEW WATERLINE HAS BEEN APPROVED FOR USE AND EXISTING WATERLINE HAS BEEN ABANDONED. PROVIDE MECHANICAL JOINT RESTRAINT TO ALL PIPE JOINTS A MINIMUM OF 20 FEET FROM CONNECTION TO EXISTING WATERLINE. TEMPORARY BLOW OFF WILL BE INCIDENTAL TO THIS WORK.
- (204) — CONNECT TO EXISTING 6" GATE VALVE. PROVIDE MECHANICAL JOINT RESTRAINT TO ALL PIPE JOINTS A MINIMUM OF 20 FEET FROM EXISTING GATE VALVE. TEMPORARY BLOW OFF WILL BE INCIDENTAL TO THIS WORK.
- (205) — FURNISH AND INSTALL TEMPORARY BLOW OFF PER ODOT STD DWG RD262. RESTRAIN ALL JOINTS WITHIN 80 FEET OF BLIND FLANGE.
- (210) — FURNISH AND INSTALL WATER VALVE BOX PER ODOT STD DWG RD258.
- (211) — FURNISH AND INSTALL 12" — 22.5' HORIZONTAL BEND. RESTRAIN ALL JOINTS WITHIN 20 FEET OF BEND.
- (212) — FURNISH AND INSTALL 12" — 45' HORIZONTAL BEND. RESTRAIN ALL JOINTS WITHIN 20 FEET OF BEND.
- (213) — FURNISH AND INSTALL 12" — 45' VERTICAL BEND. RESTRAIN ALL JOINTS WITHIN 50 FEET OF UPPER BENDS AND 10 FEET ON LOWER BENDS.
- (214) — FURNISH AND INSTALL 6" — 45' VERTICAL BEND. RESTRAIN ALL JOINTS WITHIN 30 FEET OF UPPER BENDS AND 10 FEET ON LOWER BENDS.
- (215) — FURNISH AND INSTALL 12"x12" CROSS. RESTRAIN ALL PIPE JOINTS WITHIN 20 FEET OF CROSS.
- (216) — FURNISH AND INSTALL 12"x6" TEE. RESTRAIN ALL PIPE JOINTS WITHIN 20 FEET OF TEE.
- (217) — FURNISH AND INSTALL 12" GATE VALVE (MUELLER RESILIENT WEDGE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (218) — FURNISH AND INSTALL 6" GATE VALVE (MUELLER RESILIENT WEDGE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
- (219) — FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (MUELLER 5 1/2" A423 SUPER CENTURION "250" WITH TWO HOSE NOZZLES AND ONE PUMPER NOZZLE WITH 4" INTEGRAL STORZ CONNECTION). HYDRANT TO BE PAINTED YELLOW WITH APPROVED PAINT. INSTALL 36"x36"x6" CONCRETE PAD. SEE ODOT STD DWG RD254.
- (220) — FURNISH AND INSTALL 12" PVC C-900 DR18 WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. BEDDING AND BACKFILL TO BE CRUSHED QUARRY ROCK. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (221) — FURNISH AND INSTALL 6" PVC C-900 DR18 WATERLINE. WATERLINE TRENCH PER ODOT STD DWG RD300. BEDDING AND BACKFILL TO BE CRUSHED QUARRY ROCK. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MINIMUM 36" OF COVER.
- (222) — FURNISH AND INSTALL NEW WATER SERVICE LINE, WATER METER AND BOX PER THE CITY OF HARRISBURG PRE-APPROVED MATERIALS: METER BOX (ARMORCAST PRODUCTS 12"x20"x12" ROTOCAST BOX P6000485), WATER METER LID (ARMORCAST PRODUCTS 12"x20"x1-3/4" RPM COVER W/ TOUCH READ HOLE A6000484-H1), NEW WATER METER (3/4" iPEARL BY SENSUS), BALL ANGLE METER VALVE (1"x3/4" MUELLER 300 BALL ANGLE METER, B-24259N), SERVICE PIPE (1" POLYETHYLENE SDR 7) AND CORPORATION STOP (1" MUELLER) SERVICE SADDLES. BEDDING AND BACKFILL TO BE 1"—0" CRUSHED QUARRY ROCK.
- (223) — CONTRACTOR TO CONNECT NEW WATER SERVICE TO EXISTING SERVICE USING APPROPRIATE COUPLINGS AND FITTINGS. CONTRACTOR TO DETERMINE SIZE OF EXISTING SERVICE LINE AND INSTALL NEW SERVICE LINE TO MATCH. RESTORE ANY DISTURBED AREA TO SAME OR BETTER CONDITION.
- (224) — ABANDON EXISTING WATERLINE IN PLACE ONCE NEW WATER LINE IS INSTALLED AND APPROVED FOR USE.
- (225) — REMOVE WATER VALVE BOXES ONCE NEW WATERLINE IS INSTALLED. ONCE NEW WATERLINE IS APPROVED, ABANDON EXISTING WATERLINE.
- (226) — REMOVE EXISTING FIRE HYDRANT AND CONCRETE PAD ONCE NEW WATERLINE IS INSTALLED. RESTORE ANY DISTURBED AREA TO SAME OR BETTER CONDITION.
- (227) — WATER AND SANITARY SEWER CROSSING TO BE IN ACCORDANCE WITH OAR 333-061-0050 (9).
- (228) — FURNISH AND INSTALL 12"x6" REDUCER. RESTRAIN ALL PIPE JOINTS WITHIN 60 FEET OF REDUCER.



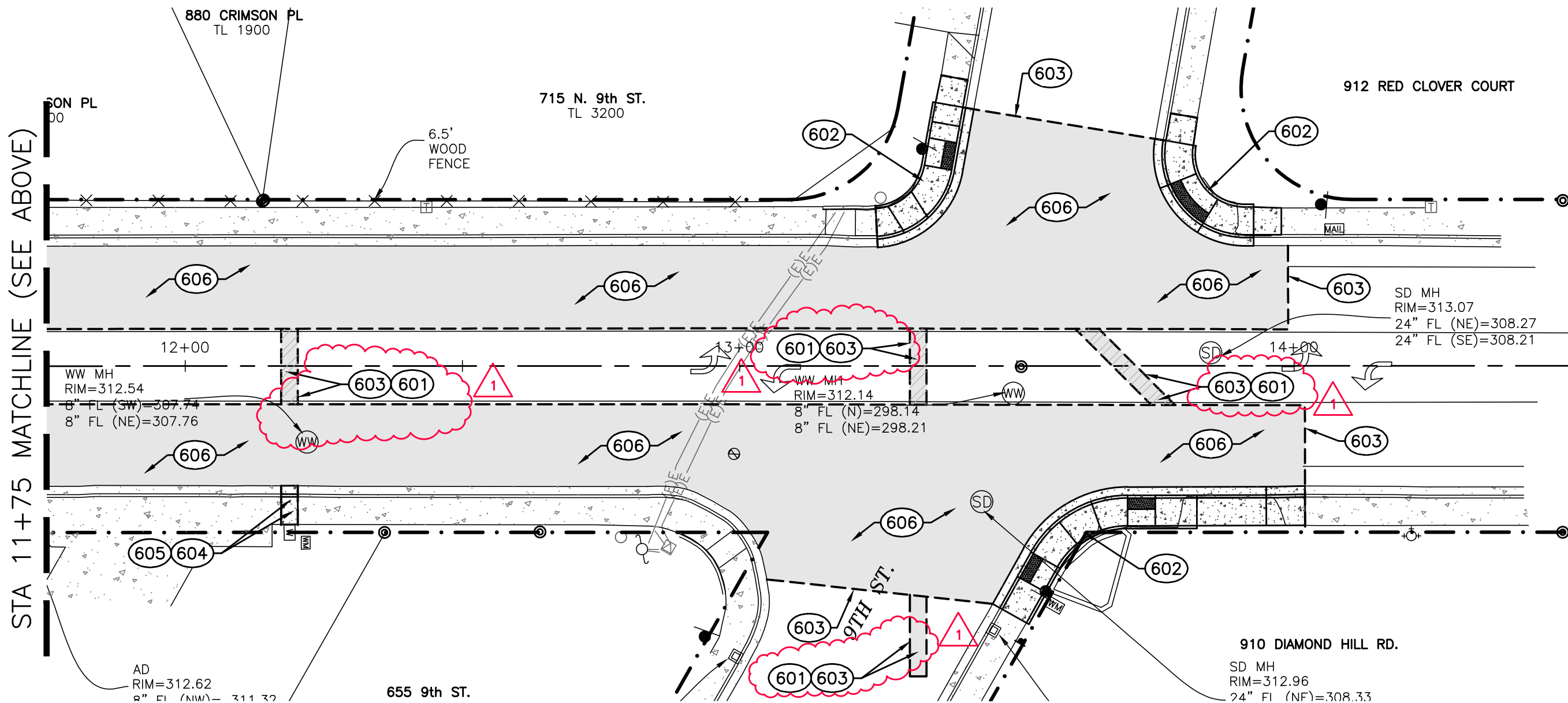
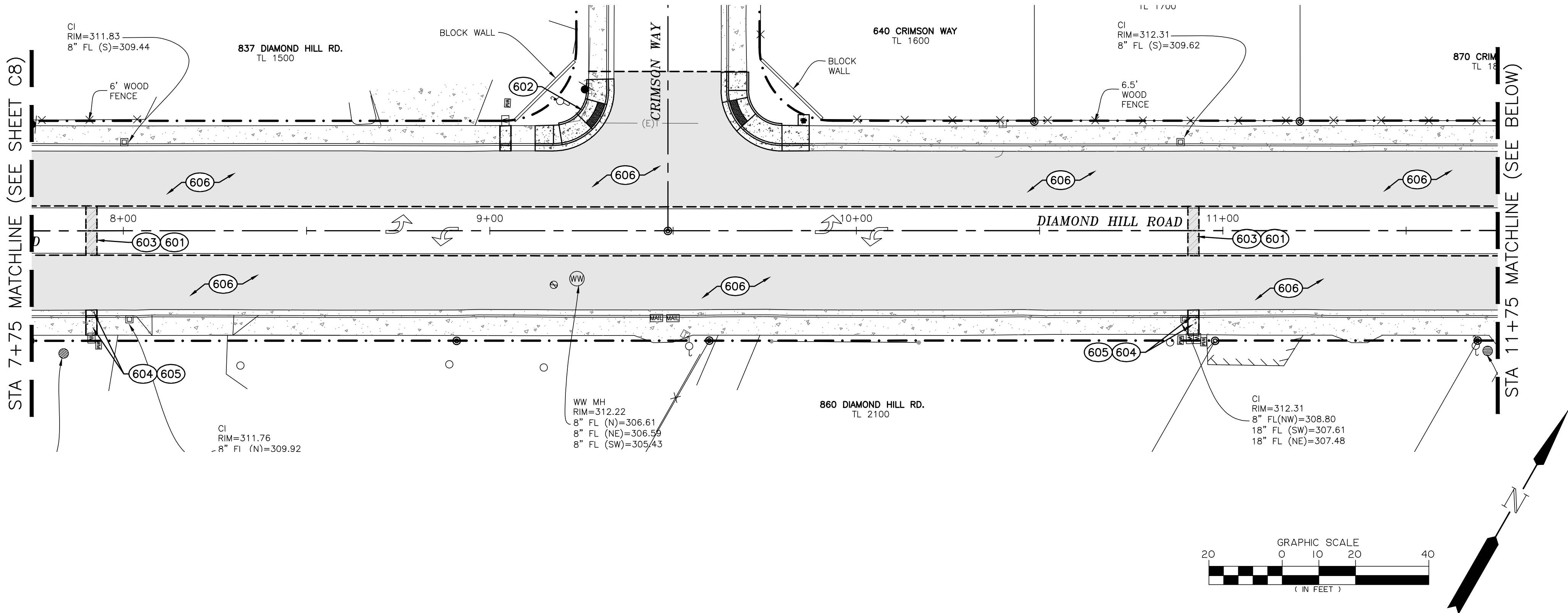
FROM 7TH STREET TO 9TH STREET
HARRISBURG, OREGON

sheet

C7

CONSTRUCTION NOTES

- 600 → CONSTRUCT PAVEMENT COLD PLANE REMOVAL AND PAVING PER TYPICAL SECTION, SHEET C1.
- 601 → CONTRACTOR TO CONSTRUCT AC REPAIR BY PLACING 4" OF COMPACTED LEVEL 2- 1/2" DENSE HMAC OR MATCH EXISTING THICKNESS (WHICHEVER IS GREATER) OVER COMPACTED CRUSHED ROCK PER PAVEMENT REPAIR DETAIL SHEET CX.
- 602 → CONSTRUCT CURB RETURN WITH ADA RAMPS INCLUDING TRUNCATED DOME. PLACE 4" MINIMUM THICKNESS OF 1"-0" CRUSHED QUARRY ROCK. SEE SHEETS C10-C13 FOR CURB RETURN DETAILS WITH DIMENSIONS AND SPOT ELEVATIONS.
- 603 → SEAL PAVEMENT JOINT. TACK COAT EXISTING PAVEMENT EDGES. THE MATCHLINE TO EXISTING PAVING SHALL COMPLY WITH ODOT STD DWG RD302.
- 604 → CONSTRUCT CONCRETE CURB & GUTTER PER ODOT STD DWG RD700. DRILL 3/4" x 4-1/2" HOLES INTO EXISTING GUTTER BAR AND CURB. FILL HOLES WITH EPOXY AND INSERT 8" LONG #5 REBAR INTO HOLE PRIOR TO POURING NEW CURB & GUTTER.
- 605 → CONSTRUCT CONCRETE SIDEWALK 4" THICK PER OREGON STANDARD DRAWING RD720 OVER 4" OF 1"-0" CRUSHED QUARRY ROCK.
- 606 → CONSTRUCT PAVEMENT SECTION PER TYPICAL SECTION, SHEET C1.
- 607 → CONSTRUCT 6'X6'X4" CONCRETE PAD AROUND FIRE HYDRANT AND VALVE BOX. PLACE 4" MINIMUM THICKNESS OF 1-1/2"-0" CRUSHED QUARRY ROCK.



**DIAMOND HILL ROAD
WATERLINE & STREET IMPROVEMENTS**
FROM 7TH STREET TO 9TH STREET
HARRISBURG, OREGON