

**GENERAL NOTES**

1. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR FIELD LOCATIONS OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ANY UTILITY LOCATIONS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AND ARE FOR GENERAL DIRECTION ONLY. ALL UTILITY LOCATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD. THE CONTRACTOR SHALL INFORM THE CITY ENGINEER AND THE RESPONSIBLE MUNICIPAL DEPARTMENT BEFORE WORK COMMENCES ON EACH CATEGORY OF CONSTRUCTION (I.E. ELECTRIC, WATERMAIN, SANITARY, STREET, AND STORM SEWER IMPROVEMENT). A TWENTY-FOUR (24) HOUR NOTICE SHALL BE GIVEN FOR ANY ITEM THAT REQUIRES FINAL TESTING AND INSPECTION. TO OBTAIN ACCURATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL NOTIFY ALL UTILITIES THREE WORKING DAYS IN ADVANCE.

2. THE CONTRACTOR SHALL GUARANTEE HIS WORK FOR A PERIOD OF EIGHTEEN MONTHS FROM THE DATE ON THE CERTIFICATE OF COMPLETION AND SHALL BE HELD RESPONSIBLE FOR ANY DEFECTS IN MATERIAL OR WORKMANSHIP OF THIS WORK DURING THAT PERIOD.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BRACING, SHORING, AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. HE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ENGINEER.

4. THE CITY OF O'FALLON AND THEIR REPRESENTATIVES SHALL BE ALLOWED ACCESS TO THE SITE AT ALL TIMES. THE CONTRACTOR SHALL TAKE WHATEVER STEPS NECESSARY TO ASSURE ON-SITE SAFETY, ACCESSIBILITY AND FULL COOPERATION WITH THE CITY'S REPRESENTATIVE. THE CITY'S REPRESENTATIVE SHALL BE ALLOWED AT ALL TIMES TO INSPECT QUANTITY AND QUALITY OF THE WORK AND MATERIALS AND SHALL BE GIVEN THE AUTHORITY TO REJECT WORK AND/OR MATERIALS THAT DO NOT COMPLY WITH THE PLANS AND SPECIFICATIONS. THE FINAL ACCEPTANCE OF THE WORK SHALL BE AUTHORIZED BY THE CITY.

5. HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, SIZES, CONDITIONS AND MATERIALS OF ALL EXISTING UTILITIES, INCLUDING AND ESPECIALLY AT ALL TIE-IN OR POTENTIAL CONFLICT POINTS. THE FIELD VERIFICATION SHALL OCCUR PRIOR TO ANY WORK BEING PERFORMED. ANY DEVIATIONS FROM PLAN INFORMATION SHALL BE PROVIDED TO THE ENGINEER IN WRITING WITHIN 24 HOURS OF THE VERIFICATION AND, IN EVERY CASE, PRIOR TO THE START OF CONSTRUCTION. IF THE CONTRACTOR STARTS WORK WITHOUT NOTIFYING THE ENGINEER OF ANY DISCREPANCIES, THEN THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR CORRECTIVE OR OTHER MEASURES NECESSARY TO CONSTRUCT THE UTILITY OR SYSTEM.

6. REFER TO SPECIFIC LOCAL CODES FOR ALL WORK ITEMS. REFER TO THE ST. CHARLES COUNTY HIGHWAY DEPARTMENT DETAILS AND SPECIFICATIONS, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS. IN ANY CASE WHERE A PLAN SPECIFICATION, THE STANDARD SPECIFICATIONS, OR MUNICIPAL SPECIFICATION IS IN CONFLICT, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

**STORM & PIPE SCHEDULES**

**DRAINAGE STRUCTURE TABLE**

| STRUCTURE | STA & OFFSET        | STRUCTURE TYPE     | DIA. | FRAME & GRATE | TOP OF GRATE | INVERT | INVERT      |
|-----------|---------------------|--------------------|------|---------------|--------------|--------|-------------|
|           |                     |                    |      | NEENAH        |              |        |             |
| ST 1.5    | 21+44.63, 32.34' LT | PRECAST STRUCTURE  | 2'   | R-4340-B      | 584.09       |        | 581.85      |
| ST 1.4    | 21+52.92, 33.82' LT | PRECAST STRUCTURE  | 3'   | R-3278-A      | 584.71       | 581.76 | 581.56      |
| ST 1.3    | 22+19.65, 32.73' LT | PRECAST STRUCTURE  | 3'   | R-3278-A      | 584.70       | 580.89 | 580.69      |
| ST 1.2    | 23+85, 26.00' LT    | PRECAST STRUCTURE  | 3'   | R-3278-A      | 583.80       | 579.04 | 578.84      |
| ST 1.1    | 24+61.85, 20.71' LT | EXISTING STRUCTURE | N/A  | EXISTING      | 581.68       | 577.30 | 577.10 (Ex) |

**PIPE TABLE**

| NO. | STATION - STATION   | TYPE          | DIA. | LIN. FT. | Slope | IB CU./YD. |
|-----|---------------------|---------------|------|----------|-------|------------|
| 1   | 21+44 LT - 21+53 LT | RCP CLASS III | 15"  | 8'       | 1.00% | 1.9        |
| 2   | 21+53 LT - 22+20 LT | RCP CLASS III | 15"  | 67'      | 1.00% | 17.0       |
| 3   | 22+20 LT - 23+85 LT | RCP CLASS III | 15"  | 165'     | 1.00% | 18.9       |
| 4   | 23+85 LT - 24+62 LT | RCP CLASS III | 15"  | 77'      | 2.00% | 9.1        |

**NOTE:**

ALL STATION AND OFFSETS FOR STORM STRUCTURES ARE TO THE BACK OF CURB OR CENTER OF STRUCTURE WHEN STRUCTURE IS NOT LOCATED IN THE CURB LINE. ALL TOP OF GROTTO ELEVATIONS ARE TO THE TOP OF CURB FOR CURB INLETS (INCLUDING TYPE 24) AND TO THE TOP OF CASTING FOR ALL OTHER STRUCTURES.

TBR = TO BE REMOVED

ATG = ADJUST LID TO GRADE

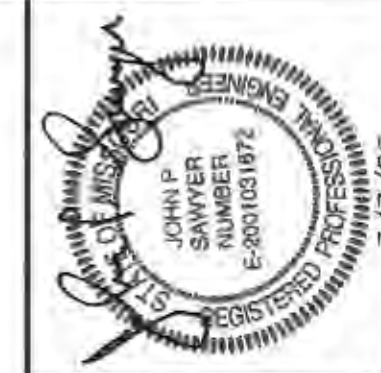
FES = FLARED END SECTION

\* BLIND CONNECTION INTO EXISTING STORM SEWER (FIELD LOCATE)

\*\* FIELD LOCATE THE FLOWLINE OF THE EXISTING PIPE AND TIE IN WITH 1% SLOPE MIN.

**EROSION CONTROL SCHEDULE**

| EROSION CONTROL MEASURE | MAINTENANCE                              | INSTALLATION SEQUENCE                                  |
|-------------------------|--|--|
| SILT FENCE              | WEEKLY, AFTER STORM EVENTS AND AS NEEDED | PRIOR TO CLEARING AND GRADING                          |
| PERMANENT SEEDING       | WATER AS NEEDED                          | AFTER FINISH GRADING                                   |
| DITCH CHECKS            | WEEKLY, AFTER STORM EVENTS AND AS NEEDED | AFTER FINISH GRADING                                   |
| REMOVAL OF DITCH CHECKS | N/A                                      | AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED |
| REMOVAL OF SILT FENCE   | N/A                                      | AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED |



REVISION

DATE

No.

PROJECT No: 64702

DATE APR. 06

DES. DWG

DR. CAD

CKD. JPS

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**GENERAL NOTES/PIPE SCHEDULE**

SHEET NO.

**R900**