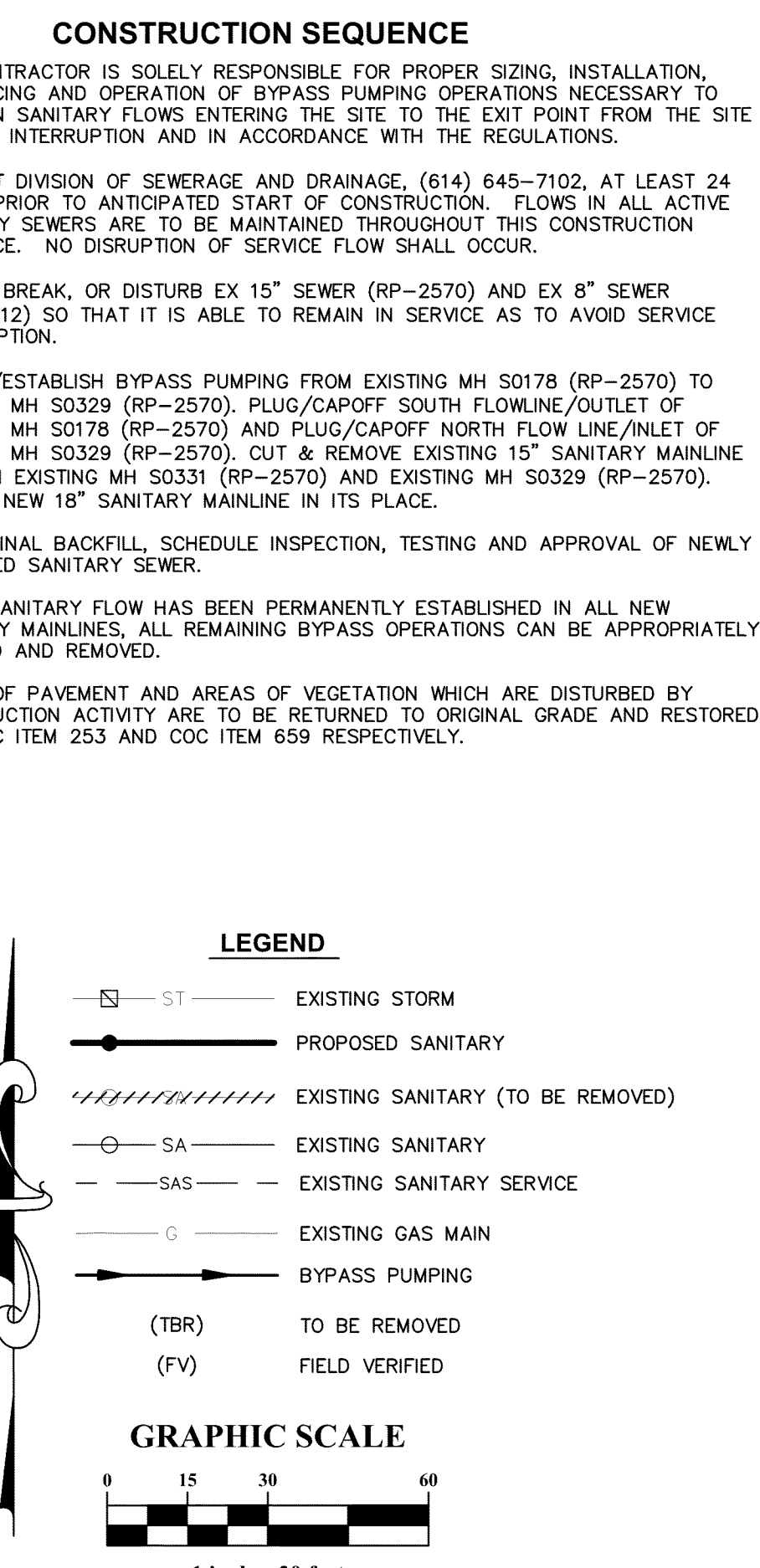
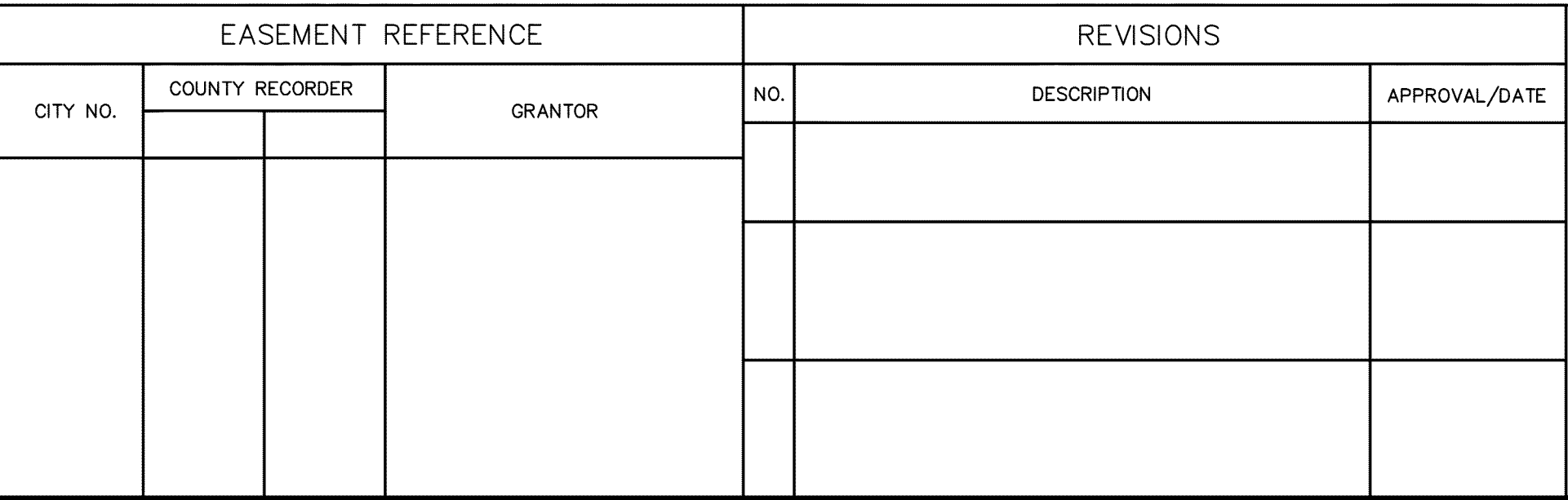




ENGINEER'S ESTIMATE OF QUANTITIES SHOWN ON THE CONSTRUCTION DRAWINGS AND CONTRACT DOCUMENTS ARE FOR INFORMATIONAL PURPOSES ONLY, AND WHILE THEY ARE BELIEVED TO BE COMPLETE AND CORRECT, THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLETE THE PROJECT AS TO THE INTENT SHOWN ON THE DRAWINGS, AND DESCRIBED IN THE SPECIFICATIONS AND CONTRACT DOCUMENTS. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR FOR HIS FAILURE TO INCLUDE IN THE TOTAL BID PRICE, THE COST OF ALL WORK AND MATERIALS TO COMPLETE THE PROJECT, AS PROPOSED.

-BYPASS PIPING SHALL BE POLYETHYLENE WITH BUTT-FUSED JOINTS, THE PUMP AND BYPASS LINES SHALL BE OF ADEQUATE CAPACITY AND SIZE TO HANDLE AVERAGE AND PEAK FLOWS.

-BYPASS PUMPING OR FLUMING SHALL CONTINUE UNTIL WORK IN THE SECTION OF SEWER INVOLVED HAS BEEN COMPLETED, TESTED, INSPECTED, AND APPROVED FOR USE. COORDINATE WITH CITY INSPECTOR FOR PUMPING SYSTEM MAINTENANCE REQUIREMENTS.

-UNDER NO CIRCUMSTANCES WILL DUMPING OF RAW SEWAGE ON PRIVATE PROPERTY OR CITY STREETS BE ALLOWED. RAW SEWAGE SPILLED SHALL BE CLEANED AND DISINFECTED BY THE CONTRACTOR. SPILLS MUST BE REPORTED IMMEDIATELY TO THE DISPATCHER OF THE SEWER MAINTENANCE OPERATIONS CENTER (SMOC), 614-645-7102.

- THE CAPACITY OF THE EXISTING SEWER IS APPROXIMATELY 6.03 CFS FLOWING FULL WITHOUT SURCHARGE. THE FLOW INFORMATION IS PROVIDED FOR THE CONTRACTOR'S USE IN PROPOSAL PREPARATION AND FOR PROVIDING ADEQUATE BYPASS CAPACITY. DESIGN AND CONSTRUCTION OF THE BYPASS PUMPING SYSTEM AND REPAIR OF DAMAGE BY SEWER BACKUP INTO EXISTING BUILDING DUE TO OPERATING PROCEDURES OF THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

-THE COST OF BYPASS PUMPING INCLUDING ALL LABOR, MATERIAL, AND EQUIPMENT SHALL BE PAID AT THE LUMP SUM SPECIAL "BYPASS PUMPING, COMPLETE".

Profile view of a sewer line showing existing ground, sewer invert, and various manholes and structures. The profile includes labels for existing structures like a 42-inch sanitary access, 20-inch high-pressure gas line, and 15-inch sanitary access. It also shows proposed structures like an 8-inch sanitary access, 12-inch sanitary access, and 18-inch sanitary access. The profile is marked with stationing from 0 to 3 and elevations from 760 to 840 feet. A note indicates that the existing 189-foot concrete backing is to be replaced. The profile ends with a note about the existing manhole being outside the drop and needing to be reconstructed for the new 18-inch pipe invert.

STATION	0	1	2	3
EX. GROUND	816.69	821.18	823.76	824.95
INVERT	794.79	802.21	804.21	806.21
CUT	21.90	18.98	19.56	18.75

CODED NOTES

1 CONTRACTOR TO FILL
OPENING FOR 15" SA
(TBR) IN MH S0329 WITH
BRICK AND GROUT PER
SUPPLEMENTAL
SPECIFICATION SS-10

20

1 inch = 30 feet (H)
1 inch = 10 feet (V)

ALL TRENCH BACKFILL SHALL BE COMPACTED TO 95% OF MAXIMUM DRY WEIGHT AT OPTIMUM MOISTURE CONTENT ($\pm 2\%$) UNLESS NOTED AS:

* : COMPACTED BACKFILL, CMSC ITEM 911

⊕: ANTI INFILTRATION AND INFLOW BARRIER

SEE DETAIL, THIS SHEET

②: 1/1 TREATMENT

PROFILE VERTICAL DATUM = NAVD 88

INVERT INTERFERED FROM FIELD VERIFIED
INVERTS FROM THE IMMEDIATE UPSTREAM
AND DOWNSTREAM MANHOLES.
CONTRACTOR TO FIELD VERIFY ALL
EXISTING INVERTS BEFORE COMMENCING
CONSTRUCTION. REPORT ANY MAJOR
DISCREPANCIES TO ENGINEER PRIOR TO
CONSTRUCTION.

F.V.: FIELD VERIFIED
RP: BY RECORD PLAN

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC UTILITIES
DIVISION OF SEWERAGE AND DRAINAGE

DIVISION USE ONLY

DIVISION USE ONLY				OWNER				SCALE: $H: 1" = 30'$ $V: 1" = 10'$ SHEET $2 / 2$			
				CONTRACTOR							
				INSPECTOR				CONTRACT DRAWING NO. CC-20721 RECORD PLAN NO.			
				AGREEMENT		COMPLETED					
				RPD	CKD	CID	CON.DR.				
				INDEX DETAIL		RECORD FILE					

PLAN AND PROFILE