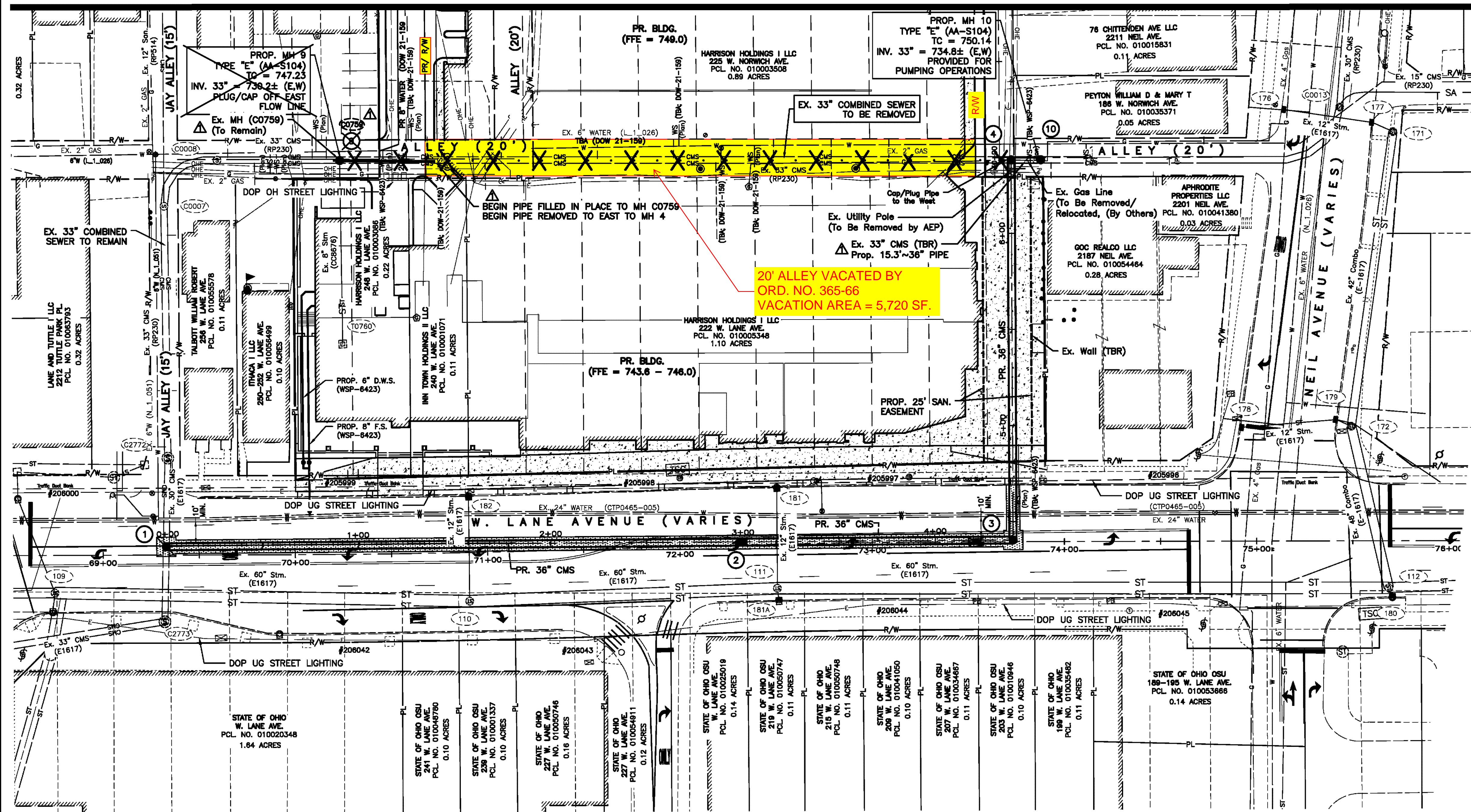


MATCH LINE - SEE SHEET 11



**SANITARY SEWER ABANDONMENT:**  
 EXISTING SANITARY SEWERS SHALL BE REMOVED ENTIRELY WITHIN THE INFLUENCE LINE OF THE PROPOSED BUILDING, AND MAY BE ABANDONED AND FILLED IN PLACE WHERE UNDER EXISTING OR PROPOSED PAVEMENT.  
 PLUGS SHALL BE INSTALLED AS REQUIRED FOR ABANDONMENT AND FILLING IN PLACE OF THE EXISTING PIPE. STRUCTURES TO BE FILLED IN PLACE SHALL BE REMOVED AT LEAST ONE FOOT BELOW PROPOSED SUBGRADE PRIOR TO FILLING.  
 CONTRACTOR SHALL VERIFY LOCATION, DEPTH, AND SIZE OF EXISTING SEWER PIPE PRIOR TO CONSTRUCTION.

**PROPOSED VACATION OF EX. SANITARY EASEMENT NOTE:**  
 EXISTING SANITARY EASEMENT FOR EX. SANITARY MAINLINE BEING REMOVED AND/OR ABANDONED IN PLACE (UTILITY ACCESS RIGHTS RETAINED UNDER ORD. NO. 365-66), SHALL BE VACATED/RELEASED AFTER PROPOSED SANITARY MAINLINE UNDER THIS PLAN IS TESTED, INSPECTED, AND APPROVED FOR USE BY THE CITY OF COLUMBUS, DIV. OF CONSTRUCTION INSPECTION. THIS VACATION/RELEASE IS TO BE ROUTED TO THE CITY R/W COORDINATOR, MR. JERRY RYSER, P.S. - (614) 645-1584/JLRYSER@COLUMBUS.GOV

- RECOMMENDED CONSTRUCTION SEQUENCE:**
- CONTRACTOR SHALL INSTALL NEW 33" SANITARY MAINLINE FROM BETWEEN PROPOSED MANHOLE 1 THRU PROPOSED MANHOLE 4. FLOW IN EXISTING PIPE TO CONTINUE.
  - THE EXISTING PIPE INSIDE PROPOSED MANHOLE 4 WOULD NOT BE CUT UNTIL APPROPRIATE TESTING METHODS AND TIME PERIODS ARE COMPLETE. EXISTING SANITARY FLOW SHALL REMAIN IN THE EXISTING SANITARY SYSTEM UNTIL THE RELOCATED SANITARY MAINLINE IS TESTED, INSPECTED, AND APPROVED FOR USE.
  - INSTALL MANHOLE NO. 10 AS A TYPE "E" DOGHOUSE MANHOLE. BYPASS PUMPING SHALL THEN BE SET UP FROM MH 10 TO EXISTING SANITARY MANHOLE C008 (RP-230). SEE THE BYPASS PUMPING PROCEDURE NOTES ON THIS SHEET.
  - PROPOSED MANHOLE 1 SHALL BE INSTALLED AS A TYPE "E" DOGHOUSE MANHOLE (AA-S104) OVER THE EXISTING 30" COMBINED SEWER. THE CHANNEL WILL BE CUT OUT OF PROPOSED MANHOLE 4, AND RECONFIGURED TO MATCH EXISTING COMBINED SEWER CURVATURE. MATCH EXISTING FLOW LINE OF 33" COMBINED SEWER. VISUAL INSPECTION REQUIRED.
  - PROPOSED MANHOLE 9 SHALL BE INSTALLED AS A TYPE "E" DOGHOUSE MANHOLE (AA-S104) OVER THE EXISTING 33" COMBINED SEWER.
  - AFTER THE RELOCATED SANITARY MAINLINE IS TESTED, INSPECTED AND APPROVED FOR USE, THE EXISTING RP-230 SANITARY MAINLINE FROM PROPOSED MANHOLE 4 TO PROPOSED MANHOLE 9 SHALL BE REMOVED PER ITEM 202 OF THE CMSC (SPECIFICATION BOOK).
  - AFTER BYPASS PUMPING IS UTILIZED, THEN IT SHOULD BE PROPERLY SHUT DOWN WHEN ALL NEW SANITARY LINES AND MANHOLES ARE TESTED, INSPECTED, AND APPROVED FOR USE. THE APPROPRIATE PORTION OF THE EXISTING SANITARY ACCESS RIGHTS PER VACATION ORDINANCE 365-66 SHALL BE ROUTED FOR RELEASE/VACATION WHEN THE PROJECT IS PROPERLY CLOSED-OUT. SEE NOTE ON THIS SHEET. THIS VACATION/RELEASE IS TO BE ROUTED TO THE CITY R/W COORDINATOR, MR. JERRY RYSER, P.S. - (614) 645-1584/JLRYSER@COLUMBUS.GOV

- BYPASS PUMPING:**
- THE CONTRACTOR SHALL BYPASS SEWAGE AROUND PROPOSED MANHOLE 1 THROUGH PROPOSED MANHOLE 4 BEING INSTALLED TO COMPLETE WORK AS SPECIFIED. THE BYPASS SHALL BE MADE BY PLUGGING EXISTING DOWNSTREAM SIDE OF PROPOSED MANHOLE 10 AND PUMPING SEWAGE TO THE EXISTING SANITARY MANHOLE C008 (RP-230) WITH UPSTREAM SIDE FROM THE EAST BEING PLUGGED/CAPPED.
  - BYPASS PUMPING SHALL BE POLYETHYLENE WITH BUTT-FUSED JOINTS. THE PUMP AND BYPASS LINES SHALL BE OF ADEQUATE CAPACITY AND SIZE TO HANDLE AVERAGE AND PEAK FLOW.
  - BYPASS PUMPING OR PLUMBING SHALL BE CONTINUED 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 614-645-7102.
  - THE CAPACITY OF EXISTING SEWER IS APPROXIMATELY 34.0 MGD FLOWING FULL WITHOUT SURCHARGE. THE INFORMATION IS PROVIDED FOR THE CONTRACTOR'S USE IN PROPOSAL PREPARATION AND FOR PROVIDING ADEQUATE BYPASS CAPACITY. REPAIR OF DAMAGE CAUSED BY SEWER BACKUP INTO EXISTING BUILDINGS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR, ENGINEER, OR DEVELOPER WILL BE RESPONSIBLE FOR ALL SEWER BACKUPS AFTER START OF CONSTRUCTION THROUGH ACCEPTANCE OF SEWER RELOCATION. EVEN IF NO DIRECT FAULT OF ANY OF THE PARTIES, THE CITY OF COLUMBUS WILL ACCEPT NO RESPONSIBILITY FOR ANY SEWER BACKUPS DURING CONSTRUCTION.
  - IF THE CONTRACTOR DEEMS BY-PASS PUMPING WILL NOT BE REQUIRED, THE CONTRACTOR SHALL PROVIDE WRITTEN EXPLANATION OF MEANS AND METHODS INTENDED TO CONSTRUCT WITHOUT THE NEED FOR PUMPING.

- CMSC EXCEPTION NOTE:**
- PER THE 2018 COLUMBUS CMSC, SECTION 901.2, ALL SEWER PIPES MUST HAVE AN EXFILTRATION TEST PERFORMED AFTER A 30 DAY WAITING PERIOD AFTER FINAL BACKFILLING. SEE EXCEPTION FOR THE PROJECT BELOW.
    - INITIAL TESTING PHASE: PER THE CITY OF COLUMBUS, FLOWS WILL BE ALLOWED THROUGH THIS SEWER PRIOR TO 30 DAYS IF A LEAKAGE TEST IS PERFORMED AND PASSED AFTER FINAL BACKFILL OF THE SEWER AND PRIOR TO USE OF THE SEWER.
    - 30 DAY TESTING PHASE: 30 DAYS AFTER COMPLETION OF BACKFILLING OF THE PIPE, THE FLOWS MUST BE BYPASSED PUMPED. THE SEWER CLEANED AND A NEW LEAKAGE AND DEFLECTION TEST PERFORMED AND PASSED. IF THE SEWER DOES NOT PASS THE LEAKAGE AND/OR DEFLECTION TEST AT THIS STAGE, BYPASS PUMPING MUST BE MAINTAINED UNTIL THE SEWER HAS BEEN REPAIRED AND THE LEAKAGE AND/OR DEFLECTION TEST IS SUCCESSFUL.
    - THIS EXCEPTION APPLIES TO THE PLAN ONLY.

NOTE:  
 NORTH HALF OF LANE AVE. TO BE MILLED/OVERLAYED AND STRIPING REPLACED FOR LENGTH OF CONSTRUCTION LIMITS FOR THE PROPOSED SANITARY SEWER AS PART OF PLAN 3887-E.



EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER VOL.	PAGE	NO.	DESCRIPTION	APPROVAL/DATE
			1	ADDED REMOVAL AND REPLACEMENT OF EXISTING 33" SEWER BETWEEN MH 4 AND MH 10. NON-PERFORMANCE OF MH 9 INSTALLATION. REVISED LIMITS OF PIPE REMOVAL/PIPE FILLED IN PLACE	RS 4/28/2023

PLAN PREPARED BY:	

**COMBINED SEWER RELOCATION**

PROJECT TITLE:	
<b>COMBINED SEWER RELOCATION PLAN FOR                  222 W. LANE AVE.                  222 W. LANE AVENUE</b>	
DIVISION USE ONLY	OWNER
	CONTRACTOR
	INSPECTOR
	AGREEMENT
RPD	CKD
CLD	CON. DR.

CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE DIVISION USE ONLY	
SCALE: HORIZ: 1" = 30'	SHEET: 10/12
CONTRACT DRAWING NO. CC-19143	RECORD PLAN NO.