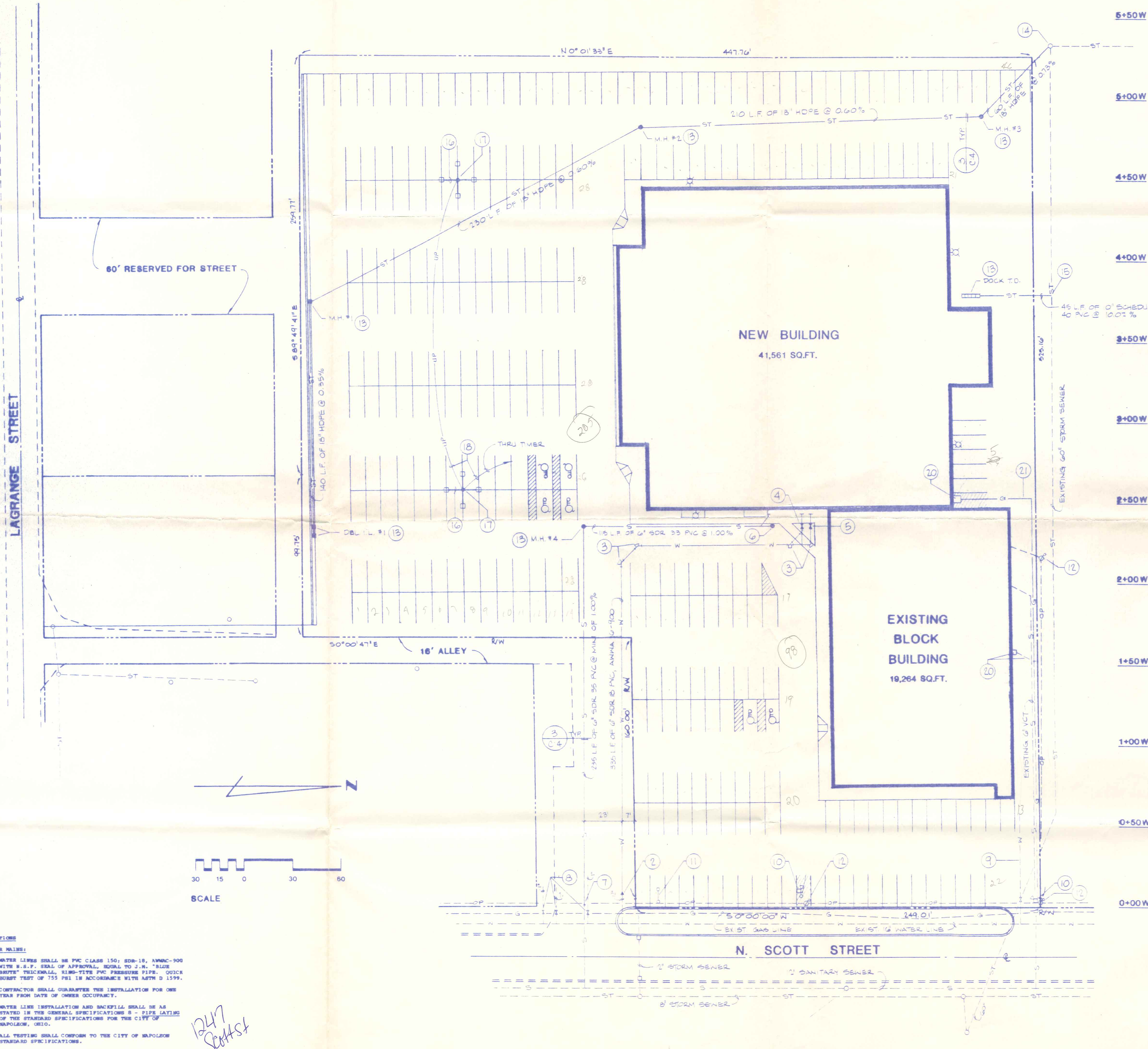


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GENERAL NOTES: ALL UTILITIES

1. ALL POURED-IN-PLACE MISCELLANEOUS UNSPECIFIED CONCRETE SHALL BE 4000 PSI.
2. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF EXISTING UTILITY LINES AND REPORT ANY CONFLICT WITH NEW UTILITY INSTALLATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITY LINES UNLESS OTHERWISE NOTED.
4. ACTUAL LOCATION OF EXISTING UTILITIES ARE SHOWN ACCORDING TO THE BEST AVAILABLE INFORMATION AND IS NOT CERTIFIED OR WARRANTED BY THIS OFFICE.
5. ALL VOIDS CREATED DUE TO DEMOLITION SHALL BE BROUGHT TO WITHIN 6" OF FINISHED GRADE USING MECHANICALLY TAMPED GRAVEL OR CRUSHED LIMESTONE (ITEM-310) IN 6" LAYERS.

GENERAL NOTES: SEWERS

1. ALL SANITARY SEWER & STORM SEWER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL SEWER AND WATER DETAILS AND SPECIFICATIONS. FINAL APPROVAL OF THESE PLANS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLATION ACCORDING TO SAID SPECIFICATIONS AND DETAILS.
2. CONTRACTOR SHALL VERIFY INVERTS OF ALL EXISTING STORM AND SANITARY SEWERS AT POINTS OF NEW CONSTRUCTION PRIOR TO INSTALLATION.
3. CONTRACTOR SHALL VERIFY ALL FINAL MANHOLE RIM AND INVERT ELEVATIONS OF STORM AND SANITARY SEWERS.
4. THIS CONTRACTOR SHALL BLOCK UP ENDS OF ALL ABANDON SEWER PIPE, BLOCK UP OPEN PIPES IN M.H., C.B., AND INLETS TO BE ABANDON, STRIP OFF CAPS, SECTIONS TO BELOW NEW GRADE AND BACKFILL WITH BANKRUN GRAVEL & COMPACT.
5. ALL SEWER TAPS FROM MAIN LINE TO WITHIN 5' OF THE BLDG.
6. ALL CLEAN OUT ON THE EXTERIOR OF BLDGS SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR.

GENERAL NOTES: GAS

1. GAS SERVICE INSTALLED BY LOCAL GAS UTILITY CONTRACTOR.

GENERAL NOTES: WATER

1. WATER MAIN TO BE CONSTRUCTED IN ACCORDANCE WITH REVISIONS OF N.F.P.A. #24, THE INSURANCE A JURISDICTION, AND STATE AND LOCAL AUTHORITY.
2. ALL PERMITS, INCLUDING LOCAL AND STATE, CITY PERMITS, NECESSARY FOR THE CONSTRUCTION OF SHALL BE SECURED AND PAID FOR BY THIS CONTRACTOR.
3. THE CONTRACTOR SHALL NOTIFY THE CITY OF NAPOLEON 24 HOURS IN ADVANCE OF STARTING CONSTRUCTION ARRANGEMENTS FOR INSPECTION AND SHUT DOWN MAIN, WHEN REQUIRED.
4. WATER MAIN TO BE INSTALLED WITH A MINIMUM OF 24 HOURS IN ADVANCE OF STARTING CONSTRUCTION ARRANGEMENTS FOR INSPECTION AND SHUT DOWN MAIN, WHEN REQUIRED.
5. UNLESS OTHERWISE APPROVED IN WRITING, ALL ENDS, AND BENDS EXCEEDING 11-1/4 DEGREES SHALL BE TOP SOIL OF A QUALITY WHICH WILL SUPPORT GRASS SEED OR SOO.
7. WHEN SEWERS CROSS UNDER WATER MAINS, A MINIMUM IS REQUIRED BETWEEN THE TOP OF THE SEWER AND THE WATER MAIN. IF THE ABOVE CRITERIA CONCERNING SEWER SHALL BE RECONSTRUCTED WITH SLIP-ON JOINT DUCTILE IRON PIPE FOR A DISTANCE OF 5' ON EACH SIDE OF THE WATER MAIN, ONE FULL LENGTH OF BE CENTERED OVER THE SEWER SO THAT JOINTS FROM THE SEWER AS POSSIBLE.

UTILITY CONSTRUCTION NOTES

1. EXISTING 16" x 12" TEE WITH 12" VALVE AND VALVE BOX.
2. INSTALL REDUCER ON EXISTING 12" DUCTILE IRON WATER LINE AT THIS POINT AND EXTEND NEW 6" PVC WATERLINE AS SHOWN.
3. PROVIDE WATERLINE BLOCKING PER DETAILS 14 AND 15 ON SHEET C:4.
4. PROVIDE 6" GATE VALVE AND VALVE BOX ON FIRE SERVICE LINE PER CITY OF NAPOLEON SPECIFICATIONS.
5. PROVIDE 4" GATE VALVE AND VALVE BOX ON DOMESTIC SERVICE LINE PER CITY OF NAPOLEON SPECIFICATIONS.
6. INSTALL 6" CLEAN OUT PER DETAIL 10, SHEET C:4. INVERT ELEVATION = 677.00
7. CONNECT NEW 6" PVC SANITARY SEWER TO EXISTING 6" SANITARY SEWER AT THIS POINT. CONTRACTOR TO VERIFY TAP DEPTH BEFORE SEWER CONSTRUCTION.
8. EXISTING WATERLINE SERVICE TAPS. CONTRACTOR TO VERIFY SERVICE TO BE DISCONNECTED TO EXISTING RESTAURANT AND CAR WASH AND CAP PER CITY OF NAPOLEON SPECIFICATION. PROTECT ALL TAPS TO REMAIN IN SERVICE.
9. EXISTING 1-1/2" WATERLINE SERVICE TO EXISTING BLOCK BUILDING.
10. EXISTING LIGHT POLE AND FIXTURE TO REMAIN IN PLACE.
11. EXISTING FREE STANDING SIGN TO BE REMOVED AND ELECTRICAL SERVICE DISCONNECTED PER CITY OF NAPOLEON SPECIFICATIONS.
12. EXISTING POWER POLES AND OVERHEAD LINES TO REMAIN IN PLACE.
13. SEE MANHOLE AND INLET SCHEDULE FOR STRUCTURE DETAILS.
14. CUT INTO EXISTING MANHOLE TO INSTALL NEW 18" STORM SEWER. INVERT ELEVATION 669.20. PLACE MORTAR COLLAR AROUND NEW SEWER FOR A WATER TIGHT SEAL.
15. CUT INTO EXISTING 60" STORM SEWER AND INSTALL 10" PVC SEWER FROM LOADING DOCK TRENCH DRAIN. INVERT ELEVATION 672.00+.
16. PROVIDE HUBBELL NO. RL-GD-25536-071-1250 WITH 250 W. HPS DELUX GE LAMP. FOUR (4) FIXTURES PER POLE.
17. PROVIDE 18" LIGHT POLE BASE PER DETAIL 18, SHEET C:4.
18. PROVIDE 3/4" PVC CONDUIT IN PARKING LOT WITH 36" MINIMUM COVERAGE BELOW FINISHED GRADE. USE 2-#10 WIRES PLUS #12 GRD. PER CONDUIT. USE TIME CLOCK AND ELECTRICALLY OPERATED, MECHANICALLY HELD LIGHTING CONTACTOR TO CONTROL LIGHTS.
19. APPROXIMATE LOCATION OF EXISTING GAS METER AND LINE SERVICE TO THE EXISTING BUILDING.
20. PROPOSED GAS METER LOCATION FOR NEW BUILDING.
21. PROPOSED GAS LINE LOCATION FOR NEW BUILDING.

42577.5 =
341 spaces

- SPECIFICATIONS**
1. **WATER MAINS:**
 1. WATER LINES SHALL BE PVC CLASS 150, SDR-18, ANNA-900 WITH S.S.F. SEAL OF APPROVAL, EQUAL TO J.N. "BLUE BRUTE" THICKWALL, RING-TYPE PVC PRESSURE PIPE. QUICK REPLY TEST OF 735 PSI IN ACCORDANCE WITH ASTM D 1399.
 2. CONTRACTOR SHALL GUARANTEE THE INSTALLATION FOR ONE YEAR FROM DATE OF OWNER OCCUPANCY.
 3. WATER LINE INSTALLATION AND BACKFILL SHALL BE AS STATED IN THE GENERAL SPECIFICATIONS 8 - PIPE LAYING OF THE STANDARD SPECIFICATIONS FOR THE CITY OF NAPOLEON, OHIO.
 4. ALL TESTING SHALL CONFORM TO THE CITY OF NAPOLEON STANDARD SPECIFICATIONS.
 2. **STORM SEWERS:**
 1. STORM SEWER PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) CORRUGATED PIPE WITH SMOOTH INTERIOR, AASHTO DESIGNATION: R294 CLASSIFICATION TYPE B. MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, INC., 130 RIVERSIDE DRIVE, COLUMBUS, OHIO 43221, OR EQUAL.

12/17
SCHEMATIC

LEGEND

STRUCTURE SCHEDULE