

BID PACKAGE - 1 | PARK LANE SQUARE

PROJECT TEAM

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PROJECT INFORMATION



ISSUED DATE

COVER		ISSUED DATE
G1.00	COVER SHEET	2022.02.15
CIVIL		
C0.02	GENERAL NOTES	2022.02.15
C1.00	EXISTING CONDITIONS PLAN	2022.02.15
C1.01	DEMOLITION PLAN	2022.02.15
C8.00	PRE-CONSTRUCTION SWPPP	2022.02.15
C8.02	SWPPP NOTES	2022.02.15
C8.03	SWPPP DETAILS	2022.02.15

PROJECT:
PARK LANE SQUARE | HOME & GALLERY

PROJECT ADDRESS:
59 FIRST STREET, HUDSON, OHIO 44236



PROJECT TEAM:



CIVIL ENGINEER:
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PROJECT #: 2106

ISSUE: BID PACKAGE 1 2022-02-15

COVER SHEET

G1.00

SCOPE OF WORK

THE FOLLOWING IS INTENDED TO CONVEY A GENERAL DESCRIPTION OF THE WORK TO BE PERFORMED FOR THIS PROJECT.

THIS PROJECT CONSISTS OF, BUT IS NOT LIMITED TO, DEMOLITION OF EXISTING BUILDINGS, UTILITIES AND SITE FEATURES.

THE CONTRACTOR'S RESPONSIBILITIES INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION PROCEDURES, MATERIALS, TESTING, INSTALLATION AND COORDINATION WITH UTILITY OWNERS, ADJACENT PROPERTY OWNERS, AND THE PROJECT OWNER.

SECURE AND PAY FOR ANY AND ALL LICENSES, GOVERNMENT FEES, AND PERMITS THAT MAY BE REQUIRED TO PROPERLY EXECUTE AND COMPLETE THE WORK COMPLY WITH ALL APPLICABLE CODES, RULES, ORDINANCES AND OTHER LEGAL REQUIREMENTS.

IMMEDIATELY LOCATE ALL REFERENCE POINTS, LAYOUT WORK, AND BE RESPONSIBLE FOR ALL MEASUREMENTS AND OTHER WORK TO BE EXECUTED UNDER THE CONTRACT. VERIFY ALL FIGURES SHOWN ON THE PLANS, VERIFY ALL DIMENSIONS OF ANY EXISTING AND NEW WORK, BE RESPONSIBLE FOR THEIR ACCURACY, AND IMMEDIATELY SUBMIT ANY DIFFERENCES FOUND TO THE OWNER BEFORE PROCEEDING WITH THE WORK. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND MEASUREMENTS INDICATED ON THE DRAWINGS.

GENERAL NOTES

- 1. THE CONTRACTOR MUST CONTACT OUPS (OHIO UTILITIES PROTECTION SERVICE) AT 800-362-2764 AT LEAST 48 HOURS, BUT NO MORE THAN 10 WORKING DAYS, BEFORE BEGINNING ANY DIGGING, EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY. IT IS THE CONTRACTOR RESPONSIBILITY TO BE FAMILIAR WITH THE REQUIREMENTS OF OUPS. THE CONTRACTOR SHALL COORDINATE THE MARKINGS AND/OR LOCATING TO STAY A MINIMUM OF 2 WORKING DAYS AHEAD OF PLANNED CONSTRUCTION ACTIVITIES.
2. ALL WORK REQUIRED TO COMPLETE THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE 2019 EDITION OF THE STATE OF OHIO TRANSPORTATION CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PLAN, PLACE AND MAINTAIN ORANGE CONSTRUCTION FENCE AND SILT BARRIER AROUND THE NON-IMPACTED WETLANDS AND/OR STREAMS TO PREVENT UNDESIRABLE ACTIVITIES WITHIN THE WETLANDS AND/OR STREAMS TO REMAIN.
3. THERE SHALL BE NO DEVIATION FROM THE APPROVED CONSTRUCTION DOCUMENTS WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND DESIGN ENGINEER. ANY DEVIATION FROM WITHOUT PRIOR WRITTEN APPROVAL SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE.
4. UNLESS OTHERWISE DIRECTED IN WRITING BY THE OWNER, ALL WORK INCLUDING PERMIT AND INSPECTION FEES REQUIRED FOR REMOVAL, RELOCATION OR NEW CONSTRUCTION WORK AS PART OF THESE CONSTRUCTION DOCUMENTS SHALL BE PERFORMED BY AND PAID BY THE CONTRACTOR AND INCLUDED IN THE BID PRICES FOR THE VARIOUS WORK ITEMS. THE CONTRACTOR SHALL CONTACT, OBTAIN FROM AND PAY TO THE APPROPRIATE CITY DEPARTMENT OR AGENCY FOR ALL PERMITS AND INSPECTION FEES REQUIRED TO PERFORM THE WORK PRIOR TO STARTING ANY CONSTRUCTION WORK. IF NO PERMIT IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, A WRITTEN STATEMENT TO THAT EFFECT MUST BE OBTAINED FROM THE AUTHORITY AND PROVIDED TO THE OWNER. THE FOLLOWING ARE SOME POSSIBLE PERMITS AND/OR FEES:
A) SUMMIT COUNTY SOIL AND WATER CONSERVATION DISTRICT
B) CITY OF HUDSON PUBLIC WORKS DEPARTMENT
C) CITY OF HUDSON DEPARTMENT OF ENGINEERING
5. PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY, OR DELIVERY OF EQUIPMENT, MATERIALS OR SUPPLIES TO THE WORK SITE, THE CONTRACTOR SHALL PROVIDE A PRE-CONSTRUCTION DIGITAL COLOR VIDEO RECORDING OF THE ENTIRE PROJECT TO ESTABLISH THE EXISTING SURFACE CONDITIONS. ALL AREAS SHALL BE INVESTIGATED VISUALLY WITH NOTATIONS MADE OF ITEMS NOT READILY VISIBLE BY VIDEO. A COPY OF THE DIGITAL VIDEO AND ANY INSPECTION RECORDS SHALL BE PROVIDED TO THE OWNER.
6. BEFORE SUBMITTING A BID, THE BIDDER SHALL CAREFULLY EXAMINE THESE CONSTRUCTION DOCUMENTS, INSPECT THE SITE AND ACQUAINT HIMSELF WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS, LAWS, ETC. AND OTHERWISE FAMILIARIZE HIMSELF WITH ALL MATTERS WHICH MAY AFFECT PERFORMANCE AND COMPLETION OF THE WORK. QUANTITIES PROVIDED ARE ESTIMATED, AND THE BIDDER IS RESPONSIBLE FOR VERIFYING BID QUANTITIES PRIOR TO SUBMITTING A BID. IF ANY DISCREPANCIES ARE DISCOVERED, THEY SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER AND DESIGN ENGINEER SO THE APPROPRIATE CORRECTION MAY BE MADE. THE ACT OF SUBMITTING A BID SHALL MEAN THAT THE BIDDER HAS COMPLIED WITH ALL REQUIREMENTS OF THIS NOTE, AND THEREFORE NO CONCESSION WILL BE GRANTED BECAUSE OF CLAIM OF MISUNDERSTANDING OR LACK OF INFORMATION.
7. THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING AGENCY FOR ANY REQUIRED TESTING AND/OR INSPECTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT STAKING INCLUDING HORIZONTAL AND VERTICAL CONTROL. ANY DISCREPANCIES DISCOVERED IN THE CONSTRUCTION PLAN INFORMATION OR INFORMATION ON THE CONSTRUCTION PLAN AND ELECTRONIC DATA, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN ENGINEER SO THE APPROPRIATE CORRECTIONS MAY BE MADE PRIOR TO THE START OF CONSTRUCTION OR THE CONTINUATION OF THE SAME. THE DESIGN ENGINEER MAKES NO REPRESENTATION REGARDING FITNESS FOR ANY PARTICULAR PURPOSE, OR SUITABILITY FOR USE WITH ANY SOFTWARE OR HARDWARE DUE TO THE EASILY ALTERABLE NATURE OF ELECTRONIC DOCUMENTS, THROUGH EITHER UNINTENTIONAL OR INTENTIONAL MEANS THE DESIGN ENGINEER DOES NOT MAKE ANY EXPRESS OR IMPLIED WARRANTY FOR THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND THEREFORE, ACCEPTS NO LIABILITY FOR THE COMPLETENESS, CORRECTNESS OR READABILITY OF THE ELECTRONIC DATA, HARD COPIES (I.E. PRINTS, PAPER COPIES, ETC.) SHALL PREVAIL, IN ANY DISPUTE OVER ACCURACY OR SUFFICIENCY OF ELECTRONIC DOCUMENTS.
9. ALL WORK WITHIN AND OUTSIDE THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO INSPECTION BY THE CITY OF HUDSON. ALL WORK WITHIN AND OUTSIDE THE PUBLIC RIGHT-OF-WAY SHALL BE SUBJECT TO INSPECTION BY THE OWNER. THE CITY AND OWNER RESERVE THE RIGHT TO HALT CONSTRUCTION ACTIVITY FOR NONCONFORMANCE OF CONSTRUCTION DOCUMENTS, SPECIFICATIONS OR OTHER APPLICABLE CODES, REGULATIONS, ORDINANCES, LAWS, ETC. UNLESS OTHERWISE APPROVED.
10. ALL LAWN AREAS REMOVED OR DISTURBED SHALL BE REPLACED IN-KIND OR PER PLAN, INCLUDING FURNISHING TOPSOIL WHERE NEEDED. ANY DEFECTS IN THE CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP, SHALL BE RECTIFIED BY THE CONTRACTOR AT HIS OWN EXPENSE. REMOVAL AND REPLACEMENT OR OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY THE CITY OR OWNER WILL NO ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGING TO EXISTING WATER CORNS, SANITARY SYSTEMS RESULTING FROM NON-CONFORMANCE WITH THE APPLICABLE STANDARDS OR THROUGH GENERAL NEGLIGENCE. FAILURE BY THE CONTRACTOR TO VERIFY AND/OR DETERMINE EXISTING INFORMATION AND CONDITIONS, THE CONTRACTOR BEING RESPONSIBLE FOR ANY CHANGES NECESSARY TO COMPLETE THE WORK SPECIFIED WITHOUT ADDITIONAL COMPENSATION.

- 11. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION DOCUMENTS ON SITE AT ALL TIMES. ATTENTION IS DIRECTED TO THE FACT THE CONSTRUCTION DOCUMENTS MAY HAVE BEEN ALTERED IN SIZE DURING PRINTING OR REPRODUCTION, AND MUST BE CONSIDERED WHEN OBTAINING SCALED DATA FROM THE CONSTRUCTION DOCUMENTS.
12. THE CONTRACTOR SHALL SUBMIT A PLAN OF OPERATIONS FOR REVIEW AND APPROVAL BY THE OWNER THAT WILL INDICATE THE LOCATION OF ALL UTILITIES, INCLUDING UTILITIES, CONSTRUCTION TRAILERS AND SANITATION FACILITIES.
13. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES AND IS SOLELY RESPONSIBLE FOR DESIGN AND CONSTRUCTION OF STABLE TEMPORARY EXCAVATIONS PER THE REQUIREMENTS OF ALL REGULATIONS INCLUDING OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). NEITHER THE OWNER OR DESIGN ENGINEER ASSUME RESPONSIBILITY FOR CONSTRUCTION SAFETY OR THE CONTRACTOR'S OR OTHER PARTIES COMPLIANCE WITH SAFETY REGULATIONS. SUCH RESPONSIBILITY IS NOT BEING IMPLIED AND SHOULD NOT BE INFERRED.
14. APPROPRIATE BARRICADES, WARNING LIGHTS, SIGNS, FENCING, ETC. SHALL BE ERRECTED AROUND THE CONSTRUCTION AREA DURING ALL NON-WORKING HOURS TO ALERT PERSONS OF THE POTENTIAL DANGER ASSOCIATED WITH THE AREA UNDER CONSTRUCTION AS WELL AS TO PREVENT UNDESIRABLE ACCESS BY UNAUTHORIZED PERSONS TO THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY OF THE GENERAL PUBLIC AS WELL AS ALL CONSTRUCTION ACTIVITIES.
15. THE CONTRACTOR SHALL NOTIFY THE CITY OF HUDSON ENGINEERING DEPARTMENT, PUBLIC WORKS DEPARTMENT AND FIRE DEPARTMENT OF THE NATURE OF THE PROJECT A MINIMUM OF TEN (10) DAYS PRIOR TO THE START OF CONSTRUCTION. AN ADVANCE NOTICE SHALL BE PROVIDED PRIOR TO ANY LANE RESTRICTIONS, CLOSURES AND DETOURS.
16. THE CONTRACTOR SHALL STAY WITHIN THE DESIGNATED PROPERTIES, EASEMENTS, RIGHT-OF-WAYS AND WORK AGREEMENTS PROVIDED FOR THE PROJECT AT ALL TIMES. NO MATERIAL SHALL BE STORED NOR ANY WORK PERFORMED ON PRIVATE PROPERTY UNLESS OTHERWISE APPROVED IN WRITING.
17. OUTLINES OF NON-IMPACTED WETLANDS AND/OR STREAMS ARE INDICATED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PLAN AND MAINTAIN ORANGE CONSTRUCTION FENCE AND SILT BARRIER AROUND THE NON-IMPACTED WETLANDS AND/OR STREAMS TO PREVENT UNDESIRABLE ACTIVITIES WITHIN THE WETLANDS AND/OR STREAMS TO REMAIN.
18. DO NOT DRIVE THROUGH OR OPERATE ANY EQUIPMENT WITHIN ENVIRONMENTALLY SENSITIVE AREAS, INCLUDING BOB CATS, VEHICLES, CONSTRUCTION EQUIPMENT OR ANYTHING THAT IN A CORED HOLE IN THE STORM SEWER.
19. THE FOLLOWING PRACTICES ARE PROHIBITED WITHIN PROTECTION ZONES:
a) STORAGE OF CONSTRUCTION MATERIALS, DEBRIS OR EXCAVATED MATERIAL.
b) PARKING VEHICLES OR EQUIPMENT
c) FOOT TRAFFIC
d) ERECTION OF SHEDS OR STRUCTURES
e) IMPOUNDMENT OF WATER
f) EXCAVATION OR OTHER DIGGING
g) ATTACHMENT OF SIGNS TO OR WRAPPING MATERIALS AROUND TREES OR PLANTS
20. ANY EXISTING ROADWAY, DRIVEWAY, DRIVE CULVERT, LAWN, CURB, SIDEWALK, SIGN, MAILBOX, FENCE, RETAINING WALL, GUARDRAIL, LAWN IRRIGATION SYSTEM COMPONENT, LANDSCAPING ITEM, OR OTHER APPURTENANCE DISTURBED DURING CONSTRUCTION BUT NOT DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE RESTORED BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION TO A CONDITION EQUAL TO OR BETTER THAN EXISTING PRIOR TO DISTURBANCE AND TO THE SATISFACTION OF THE AHI OR OWNER.
21. THE CONTRACTOR SHALL DESIGNATE A PERSON IN RESPONSIBLE CHARGE (SUPERVISOR) WITH A CELL PHONE AT ALL TIMES DURING CONSTRUCTION. THE SUPERVISOR SHALL BE RESPONSIBLE FOR THE RELEASE OF THE RETAINER OR CONSTRUCTION BOND BY THE CITY. THE CONTRACTOR MUST COMPLETE THE DESIGN ENGINEER PROJECT PUNCH LIST. ALL PUNCH LIST ITEMS SHALL BE SHOWN BY THE CONTRACTOR ON EACH PUNCH LIST ISSUANCE DATE OR AS DIRECTED IN WRITING FROM THE DESIGN ENGINEER.
22. "AS-BUILT" INFORMATION IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A REGISTERED SURVEYOR. THE AS-BUILT INFORMATION SHALL CONSIST OF POST-CONSTRUCTION FIELD SURVEY DATA OF LOCATIONS, LENGTHS, INVERTS, RIM ELEVATIONS, PIPE MATERIAL, STRUCTURE DIMENSIONS AND PERCENT GRADES FOR ALL SANITARY AND STORM SEWERS AND STRUCTURES (I.E. MANHOLES, CATCH BASINS, HEADWALLS, OUTLET STRUCTURES); DEPTH TO THE TOP OF WATER VALVE NUTS AND LOCATIONS OF ALL WATER APPURTENANCES (I.E. HYDRANTS, VALVES, CURBS, ROLLING STAIRS); AND THE VOLUME OF DETENTION BASINS. THE CONTRACTOR SHALL DOCUMENT IN WRITING ANY INFORMATION PERTAINING TO CONSTRUCTION TECHNIQUES WITH EACH UTILITY COMPANY. UTILITY COMPANIES WILL FURNISH AND INSTALL THEIR WIRES INCLUDING MAKING FINAL SERVICE CONNECTIONS.
23. ACCEPTABLE TRENCH BACKFILL MATERIAL FOR UTILITY SERVICE TRENCHES SHALL CONSIST OF:
a) PREMIUM BACKFILL: ODOT ITEM 304 CRUSHED LIMESTONE.
b) CLEAN BACKFILL: WELL GRADED SAND, STONE DUST, LIMESTONE DUST OR ROCK-FREE SOIL (<1/4" DIA. STONES), TOPSOIL, FLY ASH, CULM AND FOUNDRY WASTE ARE NOT ALLOWED.
c) NATIVE SOIL BACKFILL: NO SHALE, LARGE ROCKS (>4" DIA.) OR ROCKS WITH SHARP EDGES.
24. UTILITY SERVICE DUCTS SHALL BE PVC SCH. 40 PIPE WITH GLUED JOINTS. INSTALL 1/4" UNBROKEN NYLON OR POLYPROPYLENE PULL ROPE IN ALL DUCTS. CONCRETE ENCASEMENT, IF REQUIRED, SHALL BE ODOT ITEM 499 CONCRETE CLASS CC-1.
25. A RUGGED POLYETHYLENE MATERIAL WARNING TAPE SHALL BE PLACED OVER ALL BURIED LIGHTING AND ELECTRIC PIPING AND SECONDARY RUNS WHETHER DIRECT BURIED IN CENTER CONDUIT OR CONCRETE ENCASED. THE TAPE SHALL BE 6" WIDE, RED IN COLOR, AND IMPRINTED WITH THE WORDS "DANGER - BURIED HIGH VOLTAGE CABLES BELOW".
26. AVOID CONCRETE BLENDING OUTSIDE OF EXCAVATION. DUCT BANKS SHALL BE INSTALLED ADJACENT TO POUR EXTENDS BEYOND THE "MAX." DIMENSION OF THE DUCT BANK.
27. UTILITY SERVICE DUCT BANKS SHALL BE INSTALLED TO SLOPE TOWARD MANHOLES OR PULL BOXES, AND NOT ENTRANCES INTO BUILDINGS.
28. PRE-MANUFACTURED CONDUIT CHAIR SUPPORTS SHALL BE USED FOR CONCRETE ENCASED UTILITY SERVICE DUCT BANK AND SPACED PER MANUFACTURER RECOMMENDATIONS.
29. THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITY SERVICE TO ALL ADJOINING PROPERTIES WITHOUT INTERRUPTION. IN THE EVENT SERVICE IS INTERRUPTED, THE CONTRACTOR SHALL IMMEDIATELY RECTIFY THE SITUATION WITH NO ADDITIONAL COMPENSATION.
30. THE CONTRACTOR SHALL PROTECT, SUPPORT AND SHORE UP ANY EXISTING UTILITY ENCOUNTERED DURING CONSTRUCTION AND COORDINATE ALL WORK TO BE PERFORMED WITH EACH RESPECTIVE UTILITY COMPANY, INCLUDING WORK BEING PERFORMED DIRECTLY BY THE UTILITY COMPANIES, FOR MAIN OR SERVICE CONNECTIONS, DISCONNECTIONS, RELOCATIONS, DEMOLITION AND INSPECTIONS. THE CONTRACTOR SHALL SECURE AND PAY FOR ANY PERMITS, FEES AND UTILITY COMPANY CHARGES. THE CONTRACTOR SHALL INSTALL TEMPORARY WARNING DEVICES ON ALL EXISTING TEMPORARY AND PERMANENT OVERHEAD WIRES LOCATED AT THE SITE PRIOR TO START OF ANY WORK AND REMOVE UPON COMPLETION OF THE WORK.

EXISTING CONDITION AND SURVEY NOTES

- 1. SOME ITEMS HAVE NOT BEEN SHOWN ON THESE CONSTRUCTION DOCUMENTS, BUT MAY EXIST AT THE SITE BECAUSE THEY ARE BEING REMOVED BY OTHERS UNDER A SEPARATE CONTRACT. THESE CONSTRUCTION DOCUMENTS WERE PREPARED ASSUMING ALL PREVIOUS ITEMS TO BE DEMOLISHED HAVING BEEN REMOVED, AND DO NOT REFLECT FIELD VERIFIED OR AS-BUILT SURVEY LOCATED ITEMS. IF THE CONTRACTOR DISCOVERS ANY ITEMS STILL REMAINING THAT IS BELIEVED TO HAVE BEEN REMOVED, THE CONTRACTOR SHALL CONTACT THE OWNER TO COORDINATE THE REMOVAL OF THE ITEM.
2. SOME ITEMS SHOWN AS EXISTING ON THESE CONSTRUCTION DOCUMENTS SUCH AS PAVEMENTS, UTILITIES, BUILDINGS AND CONDUITS MAY BE PART OF SEPARATE CONSTRUCTION DOCUMENTS, AND DO NOT REFLECT FIELD VERIFIED OR AS-BUILT SURVEY LOCATED ITEMS. THEIR ACCURACY OR COMPLETENESS CANNOT BE GUARANTEED BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL SITE IMPROVEMENTS PRIOR TO CONSTRUCTION AND NOTIFY THE OWNER AND DESIGN ENGINEER IMMEDIATELY OF DISCREPANCIES.
3. ITEMS SUCH AS BUILDING, BASEMENT, STAIRS, FLOOR SLAB, FOOTINGS, SIDEWALK, PAVEMENT, POLES AND UNDERGROUND WIRES, STORM STRUCTURES AND SEWERS, SANITARY LATERAL, WATER SERVICE, AND GAS SERVICE FROM THE BUSINESS PREVIOUSLY LOCATED WITHIN THIS PROPERTY SHALL BE REMOVED IN THEIR ENTIRETY AND BACKFILLED WITH MATERIAL SUITABLE FOR FOUNDATIONS, FLOOR SLABS AND PAVEMENT SUPPORT BY OTHERS UNDER SEPARATE CONSTRUCTION DOCUMENTS AND CONTRACT BY THE PROPERTY OWNER. ANY ITEM DISCOVERED MAY BE REQUIRED TO BE REMOVED AND ADDITIONAL SUBGRADE PREPARATION AND ENGINEERED FILL PLACEMENT REQUIRED AT THE DISCRETION OF THE OWNER OR DESIGN ENGINEER.
4. THE LOCATION OF ALL ABANDONED IN-PLACE FACILITIES MAY NOT BE SHOWN ON THESE PLANS. POTENTIAL ABANDONED ITEMS SUCH AS BASEMENTS, FLOOR SLABS, FOUNDATIONS, STORM STRUCTURES AND SEWERS, SANITARY STRUCTURES AND SEWERS, STEAM TUNNELS OR CHAMBERS, WATER LINES, GAS LINES AND MISCELLANEOUS CONDUITS FROM PREVIOUS CONSTRUCTION ACTIVITIES AND PROJECTS MAY BE ENCOUNTERED. IF DISCOVERED WITHIN THE CONSTRUCTION LIMIT OF PROPOSED ITEMS, THE ABANDONED ITEMS SHALL BE REMOVED AS DIRECTED BY THE OWNER OR ENGINEER. BASEMENTS OR STRUCTURES MAY CONTAIN MATERIAL CONSIDERED UNSUITABLE TO SUPPORT NEW FOUNDATIONS, FLOOR SLABS OR PAVEMENTS AND THEREFORE ADDITIONAL SUBGRADE PREPARATION AND ENGINEERED EARTH FILL MAY BE REQUIRED AS DIRECTED BY THE OWNER OR ENGINEER.
5. THESE CONSTRUCTION DOCUMENTS HAVE BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY BE SUBJECT TO EASEMENTS AND OTHER RESTRICTIONS, EITHER RECORDED OR UNRECORDED. THE SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS, RECORD ENCUMBRANCES, RESTRICTIONS, OR OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SURVEY MAY DISCLOSE.
6. THE SURVEY AND STREET ALIGNMENTS SHOWN WERE OBSERVED IN THE FIELD FOR CONSTRUCTION PURPOSES ONLY AND MAY NOT BE SUITABLE FOR PROPERTY LINE SURVEYS OR OTHER PURPOSES.
7. THE CONTRACTOR SHALL PRESERVE ALL BENCHMARKS, PROPERTY LINE REFERENCES (E.G., PINS, PIPES, MONUMENTS, ETC.), REFERENCE POINTS, STAKES AND ANY OTHER SURVEY INFORMATION IN PLACE. IF THE NECESSARY ADDITIONAL SHALL REPLACE THEM AT THE CONTRACTOR'S EXPENSE. BE RESPONSIBLE FOR ANY ERRORS THAT MAY BE CAUSED BY THEIR LOSS OR DISTURBANCE, AND FURNISH A CERTIFICATION FROM A REGISTERED SURVEYOR THAT THE LAND MONUMENTS HAVE BEEN RESTORED.
8. UTILITY NOTES
UTILITIES WITHIN PROJECT VICINITY:
HUDSON PUBLIC POWER: DOMINION ENERGY OHIO:
ADDRESS 320 SPRINGBROOK DRIVE, SUITE 3030 ADDRESS 1140 TEXEPK ROAD:
ADDRESS 1140 TEXEPK ROAD: CITY AKRON, OHIO 44333
ADDRESS 1140 TEXEPK ROAD: CITY AKRON, OHIO 44333
CITY HUDSON, OHIO 44236 CITY HUDSON, OHIO 44236
PHONE 330-942-1170 PHONE 330-664-2488
HUDSON WATER DEPARTMENT: N.E.O.R.S.D.:
ADDRESS 3000 EUCLID AVE: ADDRESS 3000 EUCLID AVE:
ADDRESS 1140 TEXEPK ROAD: CITY CLEVELAND, OHIO 44115
ADDRESS 1140 TEXEPK ROAD: CITY HUDSON, OHIO 44236
CITY HUDSON, OHIO 44236 CITY HUDSON, OHIO 44236
PHONE 330-942-1170 PHONE 216-881-6200 XT. 6466
PHONE 330-942-1170 CONTACT: MARY MACIEJOWSKI
SUMMIT COUNTY DEPT OF WINDSTREAM COMMUNICATIONS:
ADDRESS 1925 ENTERPRISE PARKWAY ADDRESS 1925 ENTERPRISE PARKWAY
ADDRESS 1180 SOUTH MAIN STREET CITY TWINSBURG, OHIO 44097
ADDRESS 1180 SOUTH MAIN STREET CITY TWINSBURG, OHIO 44097
CITY AKRON, OHIO 44301 PHONE 330-862-4114
PHONE 330-826-2400
1. THE CONTRACTOR SHALL FURNISH AND INSTALL TRENCHING, CONDUITS, PULL STRINGS AND BACKFILL FOR ALL UTILITY SERVICES (I.E. GAS, ELECTRIC, TELEPHONE, CATV AND WAN). DUCT BANK ROUTING SHALL BE COORDINATED IN-FIELD WITH EXISTING AND NEW SITE FEATURES AND UNDERGROUND UTILITIES. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE TRENCH OPENINGS WITH EACH UTILITY COMPANY. UTILITY COMPANIES WILL FURNISH AND INSTALL THEIR WIRES INCLUDING MAKING FINAL SERVICE CONNECTIONS.
2. ACCEPTABLE TRENCH BACKFILL MATERIAL FOR UTILITY SERVICE TRENCHES SHALL CONSIST OF:
a) PREMIUM BACKFILL: ODOT ITEM 304 CRUSHED LIMESTONE.
b) CLEAN BACKFILL: WELL GRADED SAND, STONE DUST, LIMESTONE DUST OR ROCK-FREE SOIL (<1/4" DIA. STONES), TOPSOIL, FLY ASH, CULM AND FOUNDRY WASTE ARE NOT ALLOWED.
c) NATIVE SOIL BACKFILL: NO SHALE, LARGE ROCKS (>4" DIA.) OR ROCKS WITH SHARP EDGES.
3. UTILITY SERVICE DUCTS SHALL BE PVC SCH. 40 PIPE WITH GLUED JOINTS. INSTALL 1/4" UNBROKEN NYLON OR POLYPROPYLENE PULL ROPE IN ALL DUCTS. CONCRETE ENCASEMENT, IF REQUIRED, SHALL BE ODOT ITEM 499 CONCRETE CLASS CC-1.
4. A RUGGED POLYETHYLENE MATERIAL WARNING TAPE SHALL BE PLACED OVER ALL BURIED LIGHTING AND ELECTRIC PIPING AND SECONDARY RUNS WHETHER DIRECT BURIED IN CENTER CONDUIT OR CONCRETE ENCASED. THE TAPE SHALL BE 6" WIDE, RED IN COLOR, AND IMPRINTED WITH THE WORDS "DANGER - BURIED HIGH VOLTAGE CABLES BELOW".
5. AVOID CONCRETE BLENDING OUTSIDE OF EXCAVATION. DUCT BANKS SHALL BE INSTALLED ADJACENT TO POUR EXTENDS BEYOND THE "MAX." DIMENSION OF THE DUCT BANK.
6. UTILITY SERVICE DUCT BANKS SHALL BE INSTALLED TO SLOPE TOWARD MANHOLES OR PULL BOXES, AND NOT ENTRANCES INTO BUILDINGS.
7. PRE-MANUFACTURED CONDUIT CHAIR SUPPORTS SHALL BE USED FOR CONCRETE ENCASED UTILITY SERVICE DUCT BANK AND SPACED PER MANUFACTURER RECOMMENDATIONS.
8. THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITY SERVICE TO ALL ADJOINING PROPERTIES WITHOUT INTERRUPTION. IN THE EVENT SERVICE IS INTERRUPTED, THE CONTRACTOR SHALL IMMEDIATELY RECTIFY THE SITUATION WITH NO ADDITIONAL COMPENSATION.
9. THE CONTRACTOR SHALL PROTECT, SUPPORT AND SHORE UP ANY EXISTING UTILITY ENCOUNTERED DURING CONSTRUCTION AND COORDINATE ALL WORK TO BE PERFORMED WITH EACH RESPECTIVE UTILITY COMPANY, INCLUDING WORK BEING PERFORMED DIRECTLY BY THE UTILITY COMPANIES, FOR MAIN OR SERVICE CONNECTIONS, DISCONNECTIONS, RELOCATIONS, DEMOLITION AND INSPECTIONS. THE CONTRACTOR SHALL SECURE AND PAY FOR ANY PERMITS, FEES AND UTILITY COMPANY CHARGES. THE CONTRACTOR SHALL INSTALL TEMPORARY WARNING DEVICES ON ALL EXISTING TEMPORARY AND PERMANENT OVERHEAD WIRES LOCATED AT THE SITE PRIOR TO START OF ANY WORK AND REMOVE UPON COMPLETION OF THE WORK.

- 10. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE NECESSARY LEVELS OF PROTECTION AND SAFEGUARDING OF ALL OPEN TRENCHES, WHEN WORK IS EITHER ACTIVE, COMPLETED AT THE END OF THE DAY OR SUSPENDED FOR ANY OTHER REASON. THIS INCLUDES TRENCH PROTECTION SUCH AS TRENCH BOXES, WOOD SHEETING AND BRACING OR ANY OTHER METHOD DETERMINED BY THE CONTRACTOR TO MAINTAIN A SAFE WORKING ENVIRONMENT. ALL EXCAVATIONS SHALL COMPLY WITH APPLICABLE LAWS AND REGULATIONS (FEDERAL, STATE AND LOCAL).
11. WHERE A NEW CONDUIT IS TO BE CONNECTED TO OR CROSS OVER OR UNDER AN EXISTING UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING UTILITY BOTH AS TO LINE AND GRADE BEFORE BEGINNING TO LAY THE NEW CONDUIT.
12. "ADJUST TO GRADE" WORK FOR A MANHOLE OR CATCH BASIN INCLUDES BUILDING THE STRUCTURE UP TO GRADE OR REMOVING AND REBUILDING A PORTION OF THE STRUCTURE ALL WITHIN 1'-0" CHANGE IN ELEVATION INCLUDING REMOVAL AND RESETTING OF THE CASTING. "RECONSTRUCT TO GRADE" WORK INCLUDES REMOVING AND REBUILDING A PORTION OF THE STRUCTURE GREATER THAN 1'-0" IN HEIGHT, REPLACING MANHOLE STEPS, BOTTOM CHANNEL, LOOSE BRICKS, ETC. "ADJUST TO GRADE" OR "RECONSTRUCT TO GRADE" WORK INCLUDES THE REMOVAL AND REPLACEMENT OF ANY CONCRETE BLOCKOUT PAVEMENT, DAMAGED PAVEMENT DOWELS OR OTHER SUCH-LOOK TRANSFER DEVICES ARE TO BE REPLACED.
13. LOW STRENGTH MORTAR BACKFILL REQUIRED FOR UNDERGROUND CONSTRUCTION SHALL BE ODOT ITEM 613, TYPE 2 (50 TO 100 PSI).
14. THE CONTRACTOR SHALL MAINTAIN THE FLOW IN ALL EXISTING LIVE SANITARY AND STORM SEWERS DURING CONSTRUCTION SUCH AS TEMPORARY BYPASS PUMPING, AND THE METHOD EMPLOYED TO BE APPROVED BY THE ENGINEER AND CITY.
15. THE CONTRACTOR SHALL CLEAN ALL STORM SEWERS AND VACUUM CLEAN ALL MANHOLES AND CATCH BASINS WITHIN THE PROJECT LIMITS BEFORE ACCEPTANCE.
16. ALL STORM SEWER JOINTS AND PIPES SHALL BE WATERTIGHT.
17. "KNOCKOUT" TYPE CONCRETE CATCH BASINS ARE NOT ALLOWED. CONCRETE CATCH BASINS SHALL BE POURED WITH SPECIFIC HOLE LOCATIONS AS PER PLAN.
18. COUPLINGS FOR CONNECTING DISSIMILAR PIPE MATERIALS OR PIPE SIZES SHALL BE A NON-SHEAR, SOLID BANGED WATERTIGHT RUBBER TIE COUPLING (I.E. FERROCO) WITH TYPE 316 STAINLESS STEEL SHIR RINGS AND CONFORM TO ASTM C-425 AND C-1173.
19. OPENINGS REQUIRED IN EXISTING MANHOLES OR CATCH BASINS SHALL BE FIELD CORED AND HAVE MECHANICAL CONNECTORS (KOR-SEAL PIPE-TO-MH CONNECTOR) CONFORMING TO ASTM C-923.
20. A STORM SERVICE LATERAL CONNECTION TO A NEW OR EXISTING STORM MAIN SEWER SHALL USE A BOOT INSTALLED IN A CORED HOLE IN THE STORM SEWER.
21. ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
22. STORM SEWERS SHALL BE PER PLAN AS FOLLOWS:
a) RCP SHALL CONFORM TO ASTM C-76, "B" OR "C" WALL WITH RESILIENT GASKET JOINTS CONFORMING TO ASTM C-443, (12" & 15" DIA. CLASS IV) AND "18" THRU 36" DIA. CLASS III).
b) PVC SDR 26 OR 35 (4" THRU 15" DIA.) SHALL BE INTEGRAL BELL AND SPIGOT TYPE CONFORMING TO ASTM D-3034, GASKET MATERIAL TO ASTM F-477. JOINTS TO ASTM D-3212 AND BEDDING CLASSIFICATION PER ASTM D-2321.
c) HDPE SHALL BE SMOOTH INTERIOR, CORRUGATED EXTERIOR CONFORMING TO AASHTO M-252 TYPE S AND M-234 TYPE S; BELL AND SPIGOT JOINT TO ASTM F-2648, GASKET MATERIAL TO ASTM F-477. FITTINGS TO ASTM F-2306, AND BEDDING CLASSIFICATION PER ASTM D-2321.
23. WATER MAINS
a) WATER MAINS TO BE INSTALLED PER THE CITY WATER DEPARTMENT SPECIFICATIONS.
b) WATER MAINS SHALL BE THE FOLLOWING, UNLESS OTHERWISE REQUIRED BY THE CITY WATER DEPARTMENT: CLASS 52 CEMENT LINED DIP CONFORMING TO AWWA C150 AND AWWA C104.
c) DIP JOINTS MAY BE MECHANICAL JOINTS WITH RESTRAINED FOLLOWER GLAND OR PUSH-ON WITH FIELD LOCK OR FAST GRIP GASKET CONFORMING TO AWWA C111. PVC JOINTS MAY BE MECHANICAL JOINTS WITH RESTRAINED FOLLOWER GLAND OR PUSH-ON WITH GASKET PER ASTM D-1784.
d) ALL DUCTILE IRON PIPE, FITTINGS AND MECHANICAL JOINTS SHALL BE POLYETHYLENE WRAPPED IN ACCORDANCE WITH AWWA C-105 CLASS "C" METHOD "A". ALL BOLTS AND NUTS ON ALL MECHANICAL JOINTS, INCLUDING THOSE ON THE "RESTRAINED" TYPE, SHALL HAVE FIELD APPLIED ONE COAT OF BITUMASTIC PAINT.
e) THE CONTRACTOR SHALL INCLUDE IN THE COST FOR WATER MAIN MATERIALS ALL PIPES, FITTINGS, FITTING RESTRAINTS AND ANY OTHER APPURTENANCES REQUIRED FOR FITTINGS AND THEIR LOCATIONS SHOWN ON THE CONSTRUCTION DOCUMENTS ARE TENTATIVE. THE CONTRACTOR MUST COMPLETE THE INSTALLATION WITH THE NECESSARY FITTINGS DICTATED BY ACTUAL FIELD CONDITIONS. NO ADDITIONAL PAYMENT WILL BE MADE FOR DEVIATIONS FROM THE INDICATED FITTINGS.
f) THE CONTRACTOR MUST VERIFY THE OPERATION OF EVERY VALVE NECESSARY FOR THE REQUIRED WATER MAIN SHUT DOWN FOR EACH PIPE SECTION AT LEAST 2 WEEKS PRIOR TO THE START OF THE PROJECT. ANY VALVE FOUND NOT OPERABLE SHALL BE BROUGHT TO THE ATTENTION OF THE WATER DEPARTMENT TO BE REPAIRED OR REPLACED, AS DETERMINED BY THE WATER DEPARTMENT.
g) WATER MAINS SHALL MAINTAIN A MINIMUM OF 6'-0" COVER UNLESS OTHERWISE NOTED, AND SHALL BE DEFLECTED OVER OR UNDER OTHER UTILITIES PER STANDARD DETAILS OR MINIMUM CLEARANCES (SEE NOTE BELOW) TO MAINTAIN ADEQUATE CLEARANCE.
h) CONCRETE THRUST BLOCKS ARE REQUIRED BEHIND ALL WATER TEES, AND HORIZONTAL AND VERTICAL BENDS.
i) WATER SERVICE MAY BE INTERRUPTED FOR LIMITED PERIODS (4 HOURS MAXIMUM) DURING CONNECTION BETWEEN EXISTING AND RELOCATED WATER MAINS WHICH CANNOT BE COMPLETED OTHERWISE. NO SHUT DOWN SHALL OCCUR WITHOUT WRITTEN PERMISSION FROM THE CITY WATER DEPARTMENT AND OWNER.
j) ALL SECONDARY RUNS WHETHER DIRECT BURIED OR SHALL BE PULGED OR CAPPED WITH FITTINGS UNTIL THE EXISTING WATER MAIN IS ABANDONED.
k) ABANDON EXISTING WATER MAINS BY GROUT FILLING, UNLESS OTHERWISE REQUIRED BY THE CITY WATER DEPARTMENT.
l) VALVE BOXES SHALL BE ADJUSTED TO FINAL GRADE AFTER THE PROJECT IS COMPLETED.
m) MAINTAIN A MINIMUM 10'-0" HORIZONTAL AND 18" VERTICAL CLEARANCE FROM THE OUTSIDE EDGE OF ALL SANITARY OR STORM SEWER PIPE OR LATERAL STRUCTURE OR SANITARY FORCE MAIN. MAINTAIN A MINIMUM 5'-0" HORIZONTAL AND 12" VERTICAL CLEARANCE FROM ALL OTHER UTILITIES (I.E. GAS, ELECTRIC, COMMUNICATION, ETC.) UNLESS OTHERWISE REQUIRED BY THE APPLICABLE UTILITY COMPANY.

DEMOLITION NOTES

- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES. PRIOR TO PERFORMING ANY WORK, CONTACT THE APPLICABLE UTILITIES PROTECTION SERVICE AT A MINIMUM OF 48 HOURS IN ADVANCE OF WORK TO BE DONE NEAR ANY EXISTING UTILITY MAIN.
2. THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL, OF UNDERGROUND UTILITIES SHOWN HERE, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE POSSIBLE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. THE CONTRACTOR SHALL CONTACT RESPECTIVE UTILITY COMPANIES PRIOR TO DEMOLITION TO COORDINATE DISCONNECTION AND REMOVAL OF EXISTING UTILITIES WITHIN THE AREA OF WORK.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES THAT ARE INTENDED TO CONTINUE TO PROVIDE SERVICE WHETHER THESE UTILITIES ARE SHOWN ON THE PLAN OR NOT.
5. UPON DISCOVERY OF UNDERGROUND TANKS OR CONTAMINATED SOILS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE. NO REMOVAL OF SOIL OR CONTAMINATED SOIL SHALL OCCUR UNTIL AUTHORIZED BY THE OWNER AND PROPER AUTHORITIES.
6. ITEMS DESIGNATED FOR DEMOLITION SHALL NOT BE DISTURBED BY THE CONTRACTOR UNTIL HE IS FURNISHED WITH NOTICE TO PROCEED BY THE OWNER, AS SOON AS SUCH NOTICE HAS BEEN GIVEN THE CONTRACTOR SHALL PROCEED WITH THE DEMOLITION UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
7. ALL EARTHWORK, SUBGRADE PREPARATION, & BACKFILL REQUIREMENTS SHALL BE PER THE LATEST O.D.O.T. STANDARD DETAILS AND SPECIFICATIONS.
8. DEBRIS SHALL NOT BE BURIED ON THE SITE. ALL UNSUITABLE MATERIAL AND DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL CITY, STATE, AND FEDERAL LAWS AND ORDINANCES.
9. EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION.
10. THE USE OF EXPLOSIVES SHALL NOT BE PERMITTED.
11. EXISTING ABANDONED UTILITIES WITHIN THE PROPOSED WORK LIMITS SHALL BE REMOVED IF POSSIBLE. IF SUCH UTILITIES ARE PRESENT, THEY SHOULD BE REMOVED AND RELOCATED OR ABANDONED IN PLACE. IF ABANDONED IN PLACE, IT IS RECOMMENDED THAT THE UTILITIES PIPE BE FILLED WITH LOW STRENGTH MORTAR GROUT TO AVOID POTENTIAL COLLAPSE IN THE FUTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE, THE RESULTANT TRENCH EXCAVATIONS SHOULD BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE LATEST M.A.G. STANDARD DETAILS AND SPECIFICATIONS.
12. ALL MATERIAL, EXCEPT THOSE BELONGING TO A PUBLIC UTILITY COMPANY OR TO BE USED FOR SALVAGE, SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
13. IT IS THE INTENT OF THIS DEMOLITION PLAN TO SHOW REMOVAL OF KNOWN SITE FEATURES AND UTILITIES AS SHOWN ON THE SURVEY. THERE MAY BE OTHER SITE FEATURES, UTILITIES AND MISCELLANEOUS ITEMS BOTH BURIED AND ABOVE GROUND THAT ARE WITHIN THE LIMITS OF WORK THAT MAY NEED TO BE REMOVED FOR THE PROPOSED PROJECT THAT ARE NOT SHOWN HEREON. (THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF SUCH ITEMS AT NO ADDITIONAL COST TO THE OWNER.) NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF SUBSURFACE FEATURES, UTILITIES, ETC. NOT SHOWN ON THE EXISTING CONDITIONS PLAN.
14. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, AND STAKES.
15. ANY DAMAGE CAUSED TO THE PAVEMENT, DRIVES, DRAINAGE OR UNDERGROUND OR OVERHEAD UTILITIES, PIPE LINES OR LANDSCAPING, EITHER WITHIN THE RIGHT-OF-WAY OR ON ADJACENT PROPERTIES, SHALL BE FULLY RESTORED PROMPTLY TO THE PRE-CONSTRUCTION CONDITION OR BETTER BY THE CONTRACTOR AT HIS OWN COSTS. THE COSTS BEING THE FULL RESPONSIBILITY OF THE CONTRACTOR.
16. WHERE NECESSARY TO REMOVE PAVEMENTS OR DRIVES, THE PAVEMENT SHALL BE SAW CUT FULL DEPTH IN NEAT, STRAIGHT LINES, WHERE REMOVED IN WALK AREAS, SHALL BE SAWCUT AT NEARLY 90 DEGREE ANGLES.
17. ALL PAVEMENT AND/OR FOUNDATIONS THAT ARE REMOVED SHALL BE DISPOSED OF OFFSITE PROPERLY.
18. EROSION & SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND MAINTAINED DURING DEMOLITION ACTIVITIES.
19. THE PURPOSE OF THIS DRAWING IS TO CONVEY THE OVERALL SCOPE OF WORK AND IT IS NOT INTENDED TO COVER ALL DETAILS OR SPECIFICATIONS REQUIRED TO COMPLY WITH GENERALLY ACCEPTED DEMOLITION PRACTICES. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE SCOPE OF WORK AND ALL EXISTING CONDITIONS AT THE SITE PRIOR TO BIDDING AND COMMENCING THE WORK. THE DEMOLITION CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, OR PROCEDURES USED TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND IS LIABLE FOR THE SAFETY OF THE PUBLIC OR CONTRACTOR'S EMPLOYEES DURING THE COURSE OF THE PROJECT.
20. THIS PROJECT IS WITHIN THE RANKING OF THE FEDERALLY ENDANGERED INDIANA BAT (MYOTIS SODALIS). THE PROJECT MAY IMPACT SUMMER AND BROOD REARING HABITATS FOR THIS SPECIES (I.E. LIVING OR STANDING TREES OR SNAGS WITH OPENING IN THE CANOPY, OR SPLITTING LIMBS AND BRANCHES AND/OR BRANCHES (CAVITIES). RESTRICTION ON TREE CUTTING: ONLY CUT TREES WHEN INDIANA BATS ARE HIBERNATING OR CONCENTRATED NEAR THEIR HIBERNACULA. BATTING SHALL BE PROHIBITED FOR THE PROPOSED PROJECT HABITAT (NEAR HIBERNACULA). ONLY CUT TREES BETWEEN NOVEMBER 15 AND MARCH 31. FOR PROJECT AREAS AFFECTING INDIANA BAT SUMMER HABITAT, ONLY CUT TREES BETWEEN OCTOBER 15 AND MARCH 31.

GRADING NOTES

- 1. ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS AND MATERIALS OF CONSTRUCTION, THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUITABILITY OF MATERIALS UNDERLYING THE PROJECT SITE. THE CONTRACTOR SHALL PERFORM INVESTIGATIONS OR TESTING NECESSARY TO ADEQUATELY DETERMINE OR ESTIMATE TO THEIR SATISFACTION ANY EXISTING SITE CONDITION WHICH COULD AFFECT HIS DESIGN OR PERFORMANCE OF THE PROPOSED IMPROVEMENTS. THIS COULD INCLUDE, BUT NOT BE LIMITED TO, UNSUITABLE OR UNSTABLE SOIL/SUBSURFACE CONDITIONS, ROCK, WATER (PERCHED OR FREE), SPRINGS, OR OTHER OBSTRUCTIONS. (SEE THE GEOTECHNICAL INVESTIGATION, SUBSURFACE EXPLORATION, OR SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING) REPORT FOR ADDITIONAL INFORMATION.
2. THE CONTRACTOR SHALL PROVIDE FINAL GRADING TO WITHIN THE FINISHED GRADES SHOWN ON THE GRADING PLANS.
3. THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTH MOVING OPERATIONS.
4. DURING CONSTRUCTION, ALL RUNOFF FROM DISTURBED AREAS OF THE SITE SHALL BE DIVERTED AWAY FROM THE PROPOSED INFILTRATION BASIN OR BIORETENTION CELL. TO AVOID EXCESSIVE INFILTRATION, CONSTRUCTION EQUIPMENT SHALL BE ALLOWED WITHIN THE BIORETENTION CELL.
5. THE INTENT OF THIS PROJECT IS TO UTILIZE ALL USABLE MATERIALS EFFICIENTLY. ACTUAL FIELD CONDITIONS MAY REQUIRE DECISIONS ON MATERIAL HANDLING AND USAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND MAINTAINING SITE CONDITIONS.

- 6. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM ALL AREAS TO BE GRADED. TOPSOIL SHALL BE STOCKPILED NEAR THE EDGE OF EXCAVATIONS OR WITHIN DRIP LINES OF TREES TO BE REMOVED.
7. SEE THE GRADING PLANS FOR DEVIATIONS TO THE TYPICAL SECTIONS SHOWN. THESE DEVIATIONS ARE REQUIRED TO MAINTAIN POSITIVE DRAINAGE OR AVOID UTILITIES.
8. EXCESS MATERIAL GENERATED FROM TRENCH EXCAVATIONS SHALL BE INCORPORATED IN THE UNIT PRICE BID FROM EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION. ANY EXCESS SOIL UNABLE TO BE PLACED ON-SITE OR DEEMED UNSUITABLE FOR EMBANKMENT BY THE GEOTECHNICAL ENGINEER SHALL BE REMOVED FROM THE SITE.
9. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS IN THE GEOTECHNICAL INVESTIGATION, SUBSURFACE EXPLORATION, OR SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT FOR EXCAVATION AND EMBANKMENT TO CONSTRUCT THE IMPROVEMENTS AND ACHIEVE THE FINISHED GRADES SHOWN ON THE GRADING PLANS. IF AN INVESTIGATION WAS NOT PERFORMED OR RECOMMENDATIONS NOT PROVIDED, THESE GUIDELINES SHALL BE FOLLOWED:
a. STRUCTURAL FILL SHALL BE PLACED UNDER AREAS OF PAVEMENTS, STRUCTURES, AND 45° ANGLE OF INFLUENCE COMPACTED TO 98% MAXIMUM DRY DENSITY OF STANDARD PROCTOR WITH 10% MOISTURE CONTENT ADJUSTED TO +/-2% OF OPTIMUM.
b. ENGINEERED FILL SHALL BE PLACED UNDER AREAS OF WALKS AND WITHIN 50 FEET FROM ROAD CENTERLINES COMPACTED TO 98% MAXIMUM DRY DENSITY OF STANDARD PROCTOR WITH 10% MOISTURE CONTENT ADJUSTED TO +/-2% OF OPTIMUM.
c. GENERAL FILL SHALL BE PLACED IN ALL OTHER AREAS COMPACTED TO 95% MAXIMUM DRY DENSITY OF STANDARD PROCTOR WITH 10% MOISTURE CONTENT ADJUSTED TO +/-2% OF OPTIMUM.
d. ALL FILL SHALL BE WETTED OR DRIED TO NEAR ITS OPTIMUM MOISTURE CONTENT, PLACED IN LIFTS, COMPACTED TO A MINIMUM PERCENT COMPACTION, AND PERFORMED EVERY 50 FEET UNDER PAVEMENT OR STRUCTURES AND 100 FEET OUTSIDE PAVEMENT. ALL UNDER THE OBSERVATION AND TESTING OF A GEOTECHNICAL ENGINEER.
e. SOIL OBTAINED ON-SITE MAY BE USED AS FILL MATERIAL PROVIDED IT IS PRESENT POILING OF MATTER, DEBRIS, EXCESSIVE MOISTURE AND ROCK FRAGMENTS 6" AND LARGER, AND APPROVED BY A GEOTECHNICAL ENGINEER.
f. NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE (RPCC), RECLAIMED ASPHALT CONCRETE (RAC), RECYCLED BITUMINOUS AGGREGATE BASE (RAB) SHALL BE USED AS FILL OR EMBANKMENT.
g. UNSUITABLE MATERIAL ENCOUNTERED DURING INSTALLATION OF IMPROVEMENTS (I.E. PAVEMENT, UTILITY COMPANY OR OTHER MATERIALS) SHALL BE REMOVED AND UNDERCUT AND REPLACED WITH COMPACTED FILL OR STABILIZED IN-PLACE UTILIZING CONVENTIONAL MEASURES SUCH AS DISKING, AERATION OR RECOMPACTION. OTHER MEANS OF STABILIZATION SHALL BE AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER.
10. EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED TO PREVENT PONDING OF WATER AFTER RAINS. THE CONTRACTOR SHALL RECONSTRUCT ANY SUBGRADE DAMAGED BY RAIN ACCUMULATED WATER, FROST, FREEZING TEMPERATURES OR CONSTRUCTION ACTIVITIES WITHOUT ADDITIONAL COMPENSATION.
11. ALL EXISTING AND PROPOSED MANHOLE COVERS, VALVE BOXES, ETC., LOCATED WITHIN PEDESTRIAN ACCESS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE.
12. BEFORE ACCEPTANCE OF THE SUB-GRADE UNDER PAVEMENT, A PROOF ROLL TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESSIVE COMPACTED MATERIAL SHALL BE PERFORMED IN THE PRESENCE OF THE DESIGN ENGINEER USING A PNEUMATIC-TIRED AND LOADED 10-WHEEL, TANDUM-AXLE DUMP TRUCK WEIGHING NOT LESS THAN 40,000 TONS AT A MAXIMUM VELOCITY SPEED OF 3 MPH. DO NOT PROCEED WITH WET OR SATURATED SUBGRADES. THE CONTRACTOR SHALL EXCAVATE SOFT SPOTS, UNSATISFACTORY SOILS AND AREAS OF EXCESSIVE COMPACTED MATERIAL. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER, AND REPLACE WITH COMPACTED BACKFILL AS DIRECTED BY A GEOTECHNICAL ENGINEER. AUTHORIZED ADDITIONAL EXCAVATION AND REPLACEMENT MATERIAL SHALL BE PAID ACCORDING TO THE CONTRACT UNIT PRICES.

MAINTENANCE OF TRAFFIC NOTES

- 1. THE WORK LIMITS SHOWN ON THE CONSTRUCTION DOCUMENTS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES INCLUDING SIGNS, SIGN SUPPORTS, CONES, BARRIERS, LIGHTS, BARRICADES, FLAGS, FLAGMEN AND INCIDENTALS AS REQUIRED TO PERFORM THE REQUIRED WORK WHETHER INSIDE OR OUTSIDE THE WORK LIMITS IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD).
2. INTERFERENCE WITH VEHICULAR TRAFFIC SHALL BE KEPT TO A MINIMUM AND NO TEMPORARY TRAFFIC CONTROL DEVICES SHALL INTERFERE WITH OTHER EXISTING DRIVE APPROACHES OR SIGNAGE.
3. ALL OPEN TRENCHES AND EXCAVATIONS SHALL BE PROTECTED WITH DRUMS, BARRICADES OR BARRIERS.
4. ANY WORK REQUIRING LANE CLOSURES SHALL BE COMPLETED AT NIGHT BETWEEN THE HOURS OF 9:00 PM AND 6:00 AM.
5. THE CONTRACTOR SHALL SUBMIT A DETAILED MAINTENANCE OF TRAFFIC PLAN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. PRIMARY CONSIDERATION SHALL BE GIVEN TO THE SAFETY AND CONVENIENCE OF THE OWNER'S OPERATIONS, STAFF AND VISITORS. THE MAINTENANCE OF TRAFFIC PLAN SHALL BE COORDINATED WITH THE OWNER FOR ACCEPTABLE CONSTRUCTION VEHICLE ROUTES FOR HAULING, INGRESS AND EGRESS, AND SCHEDULING USE OF ROUTES.
6. THE CONTRACTOR SHALL FURNISH AND ERECT TEMPORARY TRAFFIC SAFETY FENCING AT THE SITE PRIOR TO START OF ANY WORK. THE SAFETY FENCING SHALL BE A HIGH VISIBILITY ORANGE COLORED, HIGH DENSITY POLYETHYLENE GRID, A MINIMUM OF 42" HIGH, SUPPORTED AND SECURED TO STEEL POSTS OR DRUMS, WITH SPACING OF 10' CENTERS. THE CONTRACTOR SHALL MAINTAIN THE SAFETY FENCING DURING THE LIFE OF THE PROJECT AND, UPON COMPLETION OF THE WORK BE REMOVED. REGULAR INSPECTION AND MAINTENANCE OF THE SAFETY FENCING FOR TEMPORARY PROJECT SAFETY FENCING INCLUDING IF CONSTRUCTION ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (I.E. DURING WINTER MONTHS), INSPECTIONS TO BE A MINIMUM 1 TIME PER MONTH, OR WITHIN 24 HOURS OF NOTIFICATION BY THE OWNER.
7. TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC, THE LENGTH AND DURATION OF LANE CLOSURES, LANE RESTRICTIONS AND TIME RESTRICTIONS SHALL BE KEPT TO A MINIMUM OR AT THE DIRECTION OF THE VILLAGE OR ENGINEER. LANE CLOSURES OR RESTRICTIONS IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE AMOUNT OF TIME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED.



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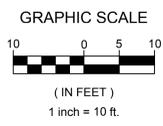
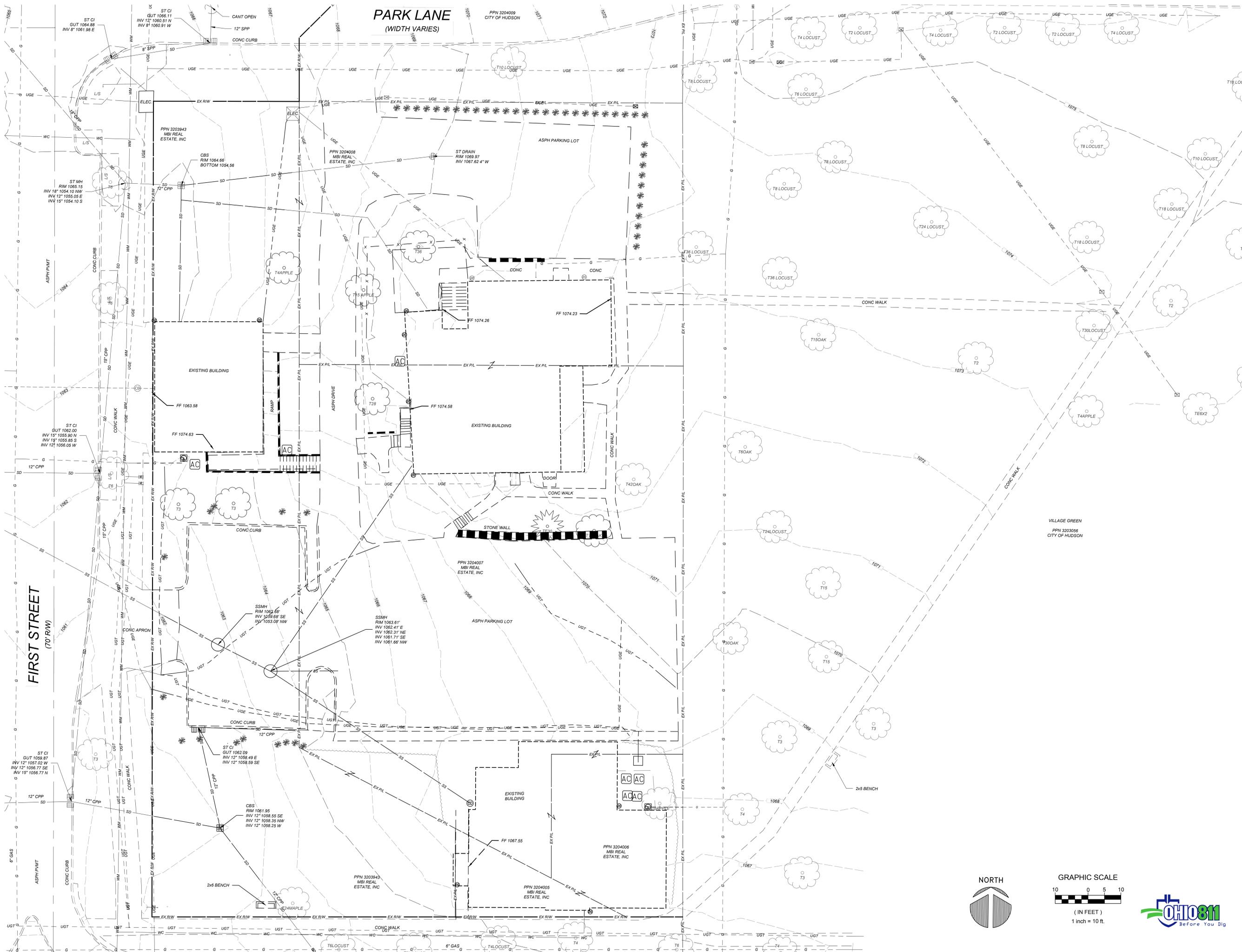
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53 FIRST STREET, HUDSON, OHIO 44236

PROJECT #	2108
DATE	2021.09.13
ISSUE	
ZONING	A 90% DD REVIEW
BID PACKAGE	1

SCALE AS NOTED
EXISTING CONDITIONS PLAN

C1.00



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(WIDTH VARIES)

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CITY OF HUDSON



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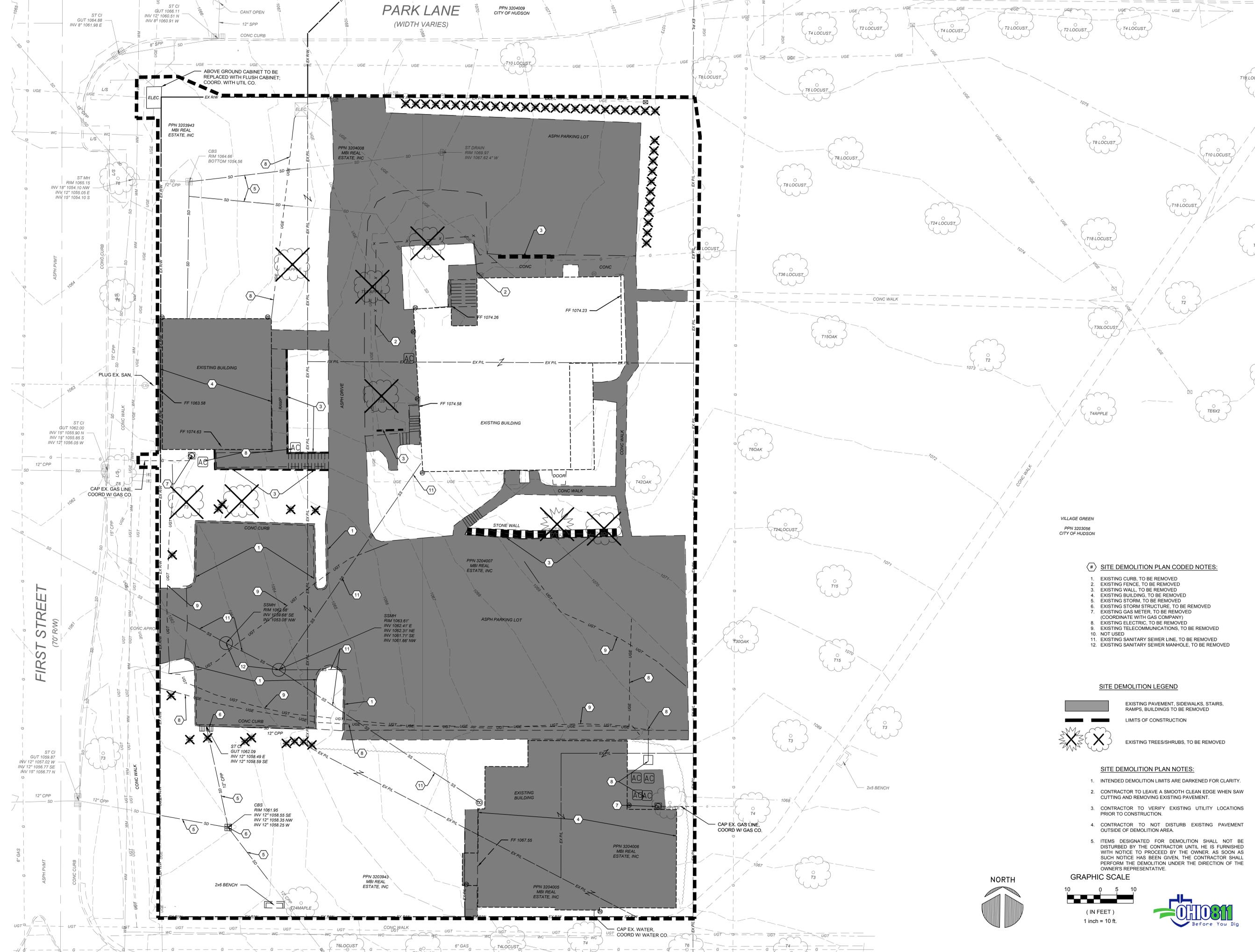
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SITE DEMOLITION PLAN CODED NOTES:

1. EXISTING CURB, TO BE REMOVED
2. EXISTING FENCE, TO BE REMOVED
3. EXISTING WALL, TO BE REMOVED
4. EXISTING BUILDING, TO BE REMOVED
5. EXISTING STORM, TO BE REMOVED
6. EXISTING STORM STRUCTURE, TO BE REMOVED
7. EXISTING GAS METER, TO BE REMOVED (COORDINATE WITH GAS COMPANY)
8. EXISTING ELECTRIC, TO BE REMOVED
9. EXISTING TELECOMMUNICATIONS, TO BE REMOVED
10. NOT USED
11. EXISTING SANITARY SEWER LINE, TO BE REMOVED
12. EXISTING SANITARY SEWER MANHOLE, TO BE REMOVED

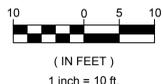
SITE DEMOLITION LEGEND

- EXISTING PAVEMENT, SIDEWALKS, STAIRS, RAMPS, BUILDINGS TO BE REMOVED
- LIMITS OF CONSTRUCTION
- EXISTING TREES/SHRUBS, TO BE REMOVED

SITE DEMOLITION PLAN NOTES:

1. INTENDED DEMOLITION LIMITS ARE DARKENED FOR CLARITY.
2. CONTRACTOR TO LEAVE A SMOOTH CLEAN EDGE WHEN SAW CUTTING AND REMOVING EXISTING PAVEMENT.
3. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO NOT DISTURB EXISTING PAVEMENT OUTSIDE OF DEMOLITION AREA.
5. ITEMS DESIGNATED FOR DEMOLITION SHALL NOT BE DISTURBED BY THE CONTRACTOR UNTIL HE IS FURNISHED WITH NOTICE TO PROCEED BY THE OWNER, AS SOON AS SUCH NOTICE HAS BEEN GIVEN, THE CONTRACTOR SHALL PERFORM THE DEMOLITION UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.

GRAPHIC SCALE



PROJECT #	2108
DATE	ISSUE
2021.09.13	ISSUE
2021.10.16	A 90% CD REVISION
2022.02.16	BID PACKAGE 1
SCALE	AS NOTED

DEMOLITION PLAN

C1.01

