

Penzone Live-Work

Civil

MCCUNE AVE DUBLIN

VICINITY MAP

SCALE: NTS

ZONING DISTRICT:

TOTAL IMPERVIOUS REMOVED BY PROJECT:

PERCENT DECREASE IN IMPERVIOUS:

PROPOSED IMPERVIOUS WITHIN DISTURBED AREA: 0.44 AC.

SITE DATA TABLE

BRIDGE STREET DISTRICT -

CHELSEA R.P., LTD

273-009121

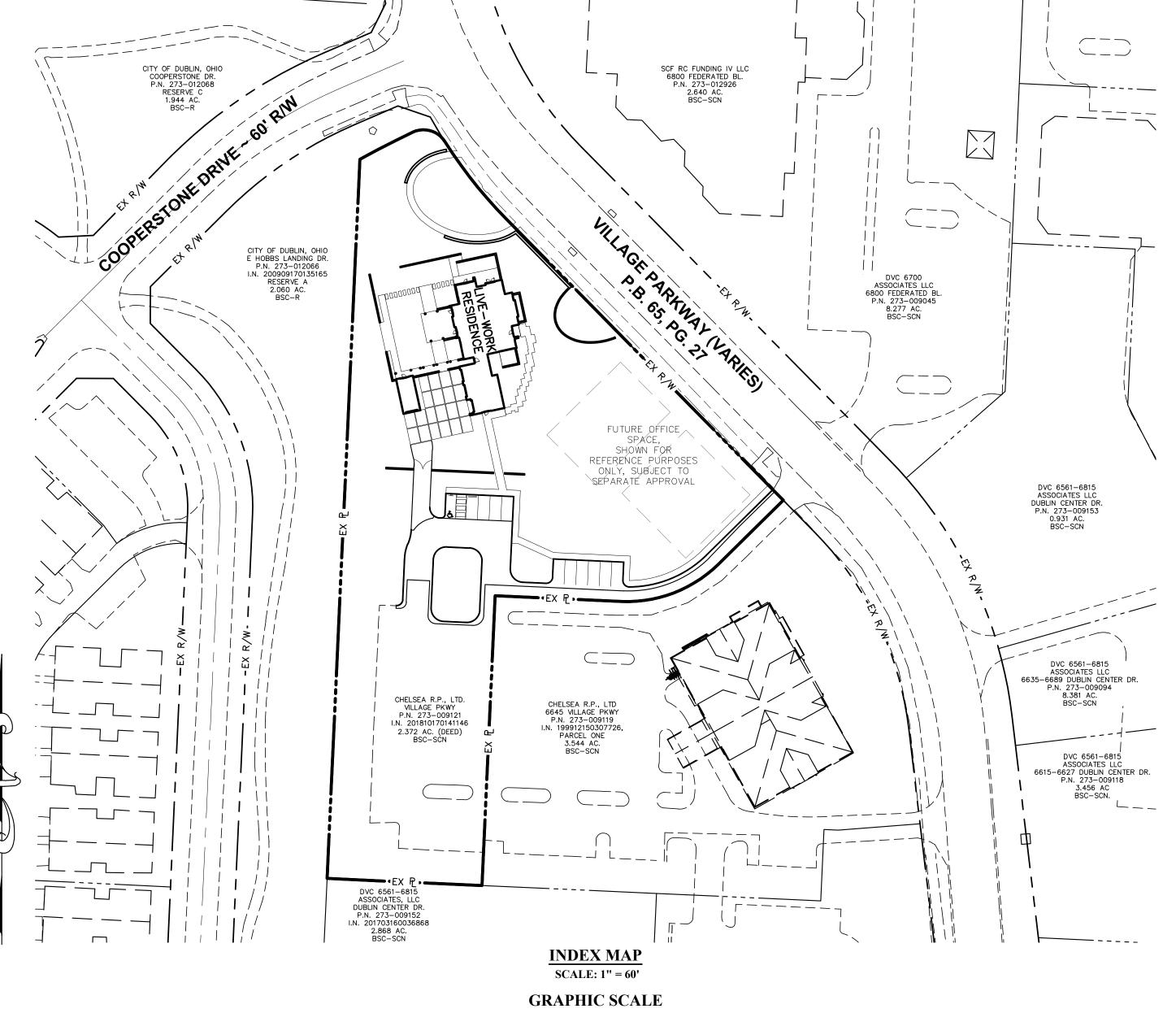
2.36 AC.

SAWMILL CENTER NEIGHBORHOOD

CITY OF DUBLIN-WASH TWP-DUBLIN

CITY OF DUBLIN, OHIO PRELIMINARY DEVELOPMENT PLAN **FOR** PENZONE LIVE-WORK

2024



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CITY OF DUBLIN APPROVAL

SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND THE GENERAL LOCATION OF THE PROJECT AND DOES NOT CONSTITUTE ASSURANCE TO OPERATE AS INTENDED. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

CITY ENGINEER, CITY OF DUBLIN, OHIO PAUL A. HAMMERSMITH, P.E.

PREPARED BY:

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LANDSCAPE ARCHITECT



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781 Science Blvd, Suite 100 Gahanna, Ohio 43230 ph 614.428.7750 fax 614.428.7755

REGISTERED ENGINEER

NUMBER DATE

MEYERS+ASSOCIATES PROJECT NUMBER:

<u>6</u>

Penzon

AND IS THE SOLE PROPERTY O

MEYERS+ASSOCIATES ARCHITECTURE, LLC

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SERVICE

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DIRECTOR OF PLANNING CITY OF DUBLIN, OHIO

ADVANCED

Gahanna, Ohio 43230 ph 614.428.7750 fax 614.428.7755 ENGINEERS SURVEYORS

2. THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION THAT ARE NOT SPECIFIED HEREIN. THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR SAFETY ON THE WORK SITE, OR FOR FAILURE BY THE CONTRACTOR TO PERFORM WORK ACCORDING TO CONTRACT DOCUMENTS.

3. THE DEVELOPER OR CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO OHIO EPA PERMITS TO INSTALL (PTI) AND NOTICES OF INTENT (NOI), BUILDING PERMITS, ETC.

4. THE CONTRACTOR SHALL NOTIFY THE CITY OF DUBLIN DIVISION OF ENGINEERING IN WRITING AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.

5. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE CONTRACTOR SHALL EXERCISE PRECAUTION ALWAYS FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT SHALL ALSO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, INCLUDING THE REQUIREMENTS FOR CONFINED SPACES PER 29 CFR 1910.146.

6. FOLLOWING COMPLETION OF CONSTRUCTION OF THE SITE IMPROVEMENTS AND BEFORE REQUESTING OCCUPANCY, A PROOF SURVEY SHALL BE PROVIDED TO THE DIVISION OF ENGINEERING THAT DOCUMENTS "AS—BUILT" ELEVATIONS, DIMENSIONS, SLOPES AND ALIGNMENTS OF ALL ELEMENTS OF THIS PROJECT. THE PROOF SURVEY SHALL BE PREPARED, SIGNED AND SUBMITTED BY THE PROFESSIONAL ENGINEER WHO SEALED THE CONSTRUCTIONS DRAWINGS.

8. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, STAKES AND OTHER SURVEY REFERENCE MONUMENTS OR MARKERS. IN CASES OF WILLFUL OR CARELESS DESTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATIONS. RESETTING OF MARKERS SHALL BE PERFORMED BY AN OHIO PROFESSIONAL SURVEYOR AS APPROVED BY THE CITY ENGINEER.

9. NON-RUBBER TIRED VEHICLES SHALL NOT BE MOVED ON OR ACROSS PUBLIC STREETS OR HIGHWAYS WITHOUT THE WRITTEN PERMISSION OF THE CITY ENGINEER

10. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER CONDITION THAN EXISTED BEFORE CONSTRUCTION. DRAINAGE DITCHES OR WATERCOURSES THAT ARE DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THE GRADES AND CROSS—SECTIONS THAT EXISTED BEFORE CONSTRUCTION.

11. TRACKING OR SPILLING MUD, DIRT OR DEBRIS UPON STREETS, RESIDENTIAL OR COMMERCIAL DRIVES, SIDEWALKS OR BIKE PATHS IS PROHIBITED ACCORDING TO SECTION 97.38 OF THE DUBLIN CODE OF ORDINANCES. ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE CITY. IF THE CONTRACTOR FAILS TO REMOVE SAID MUD, DIRT, DEBRIS, OR SPILLAGE, THE CITY RESERVES THE RIGHT TO REMOVE THESE MATERIALS AND CLEAN AFFECTED AREAS, THE COST OF WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

12. DISPOSAL OF EXCESS EXCAVATION WITHIN SPECIAL FLOOD HAZARD AREAS (100—YEAR FLOODPLAIN) IS NOT PERMITTED.

13. ALL SIGNS, LANDSCAPING, STRUCTURES OR OTHER APPURTENANCES WITHIN RIGHT—OF—WAY DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER. THE COST OF THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

14. ALL FIELD TILE BROKEN OR ENCOUNTERED DURING EXCAVATION SHALL BE REPLACED OR REPAIRED AND CONNECTED TO THE PUBLIC STORM SEWER SYSTEM AS DIRECTED BY THE CITY ENGINEER. THE COST OF THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

15. ALL PRECAST CONCRETE PRODUCTS SHALL BE INSPECTED AT THE LOCATION OF MANUFACTURE. APPROVED PRECAST CONCRETE PRODUCTS WILL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT INSPECTION HAS BEEN CONDUCTED BY THE CITY OF COLUMBUS. PRECAST CONCRETE PRODUCTS WITHOUT PROOF OF INSPECTION SHALL NOT BE APPROVED FOR INSTALLATION.

16. BACKFILL WITHIN A 1:1 INFLUENCE LINE OF EXISTING STRUCTURES (HOUSES, GARAGES, ETC.) OR PUBLIC INFRASTRUCTURE (PAVEMENT, CURBS, SIDEWALKS, BIKE PATHS, ETC.) SHALL BE COMPACTED GRANULAR BACKFILL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS OR FLOWABLE CDF ACCORDING TO ITEM 613. ITEM 911 OF THE STANDARD SPECIFICATIONS SHALL BE USED ELSEWHERE.

17. THE CONTRACTOR SHALL SUBMIT A COPY OF THE APPROVED CONSTRUCTION DRAWINGS AND A LIST OF PROPOSED PRECAST CONCRETE PRODUCT MANUFACTURERS TO THE CITY OF COLUMBUS CONSTRUCTION INSPECTION DIVISION BEFORE COMMENCING CONSTRUCTION.

SEND THE INFORMATION TO THE FOLLOWING ADDRESS:

CONSTRUCTION INSPECTION DIVISION CITY OF COLUMBUS 1800 EAST 17TH AVENUE COLUMBUS, OHIO 43219

SEND A COPY OF THE TRANSMITTAL LETTER TO THE FOLLOWING ADDRESS:

DIVISION OF ENGINEERING CITY OF DUBLIN

CITY OF DUBLIN 5800 SHIER RINGS ROAD DUBLIN, OHIO 43016

18. ALL TRENCHES WITHIN PUBLIC RIGHT—OF—WAY SHALL BE BACKFILLED ACCORDING TO THE APPROVED CONSTRUCTION DRAWINGS OR SECURELY PLATED DURING NONWORKING HOURS. TRENCHES OUTSIDE THESE AREAS SHALL BE BACKFILLED OR SHALL BE PROTECTED BY APPROVED TEMPORARY FENCING OR BARRICADES DURING NONWORKING HOURS. CLEAN UP SHALL FOLLOW CLOSELY BEHIND THE TRENCHING OPERATION.

19. ALL TREES WITHIN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED, WHETHER SHOWN OR NOT SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. TREES TO BE PRESERVED SHALL BE PROTECTED WITH HIGH VISIBILITY FENCING PLACED A MINIMUM 15 FEET FROM THE TREE TRUNK. TREES 6 INCHES OR GREATER AT DBH (DIAMETER BREAST HEIGHT) MUST BE PROTECTED WITH FENCING PLACED AT THE CRITICAL ROOT ZONE OR 15 FEET, WHICHEVER IS GREATER. TREES NOT INDICATED ON THE APPROVED CONSTRUCTION DRAWINGS FOR REMOVAL MAY NOT BE REMOVED WITHOUT PRIOR APPROVAL OF THE DIVISION OF ENGINEERING.

20. DELETE

21. DELETE

22. DELETE

23. TREE TRIMMING WITHIN THE CONSTRUCTION ZONE IS TO BE COMPLETED BY A CERTIFIED ARBORIST. AT THE COMPLETION OF THE PROJECT, THE ARBORIST IS TO RETURN AND TRIM ANY BROKEN BRANCHES AS NEEDED.

24. ANY MODIFICATION TO THE WORK SHOWN ON DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER, CITY OF DUBLIN.

25. ALL INLETS SHALL BE CHANNELIZED.

26. PARK AREAS SHALL BE FINE-GRADED AND SEEDED WITH THE FOLLOWING MIXTURE:

IMPROVED KENTUCKY BLUEGRASS: 40% OF WEIGHT (2 VARIETIES IN EQUAL PARTS) IMPROVED PERENNIAL RYE: 60% OF WEIGHT (2 VARIETIES IN EQUAL PARTS) GERMINATION RATE: 85% APPLICATION RATE: 7 LBS PER 1000 SQ FT OR AS DIRECTED BY THE DIVISION OF PARKS AND RECREATION, CITY OF DUBLIN, OHIO.

27. TRAFFIC CONTROL AND OTHER REGULATORY SIGNS SHALL BE TYPE S WITH A SQUARE POST ANCHOR BASE INSTALLATION AND MEET ALL REQUIREMENTS OF ODOT TC-41.20 AND APPLICABLE CITY OF DUBLIN SPECIFICATIONS

28. STREET SIGNS SHALL MEET ALL CITY OF DUBLIN SPECIFICATIONS WITH LETTERING COLORED IN WHITE DISPLAYED OVER A BROWN BACKGROUND. SIGN TUBING SHALL BE BROWN IN COLOR AND CONFORM WITH THE TYPE S, SQUARE POST ANCHOR BASE INSTALLATION REQUIREMENTS OF ODOT TC-41.20.

UTILITIES

1. THE FOLLOWING UTILITIES ARE KNOWN TO BE LOCATED WITHIN THE LIMITS OF THIS PROJECT:

GAS
COLUMBIA GAS OF OHIO, INC.
1600 DUBLIN ROAD
COLUMBUS, OHIO 43215
(614) 481-1000

ELECTRIC

AMERICAN ELECTRIC POWER
850 TECH CENTER DRIVE
GAHANNA, OHIO 43230
(614) 883-6817

COMMUNICATION
TIME WARNER CABLE
1266 DUBLIN ROAD
COLUMBUS, OHIO 43215
(614) 481-5000

FRONTIER COMMUNICATIONS (800) 982-8772

AT&T 111 N. 4TH STREET COLUMBUS, OHIO 43215 (614) 223-5780

DUBLINK
CITY OF DUBLIN
6555 SHIER-RINGS ROAD
DUBLIN, OHIO 43016
(614) 410-4750

SANITARY, STORM, WATER CITY OF DUBLIN 6555 SHIER-RINGS ROAD DUBLIN, OHIO 43016 (614) 410-4750

CITY OF COLUMBUS DIVISION OF POWER AND WATER 3368 INDIANOLA AVENUE COLUMBUS, OHIO 43214 (614) 645-7360

CITY OF COLUMBUS DIVISION OF SEWERS AND DRAINS 1250 FAIRWOOD AVENUE COLUMBUS, OHIO 43206 (614) 645-7102

2. THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO OHIO UTILITIES PROTECTION SERVICE (TELEPHONE NUMBER 800-362-2764), PRODUCER'S UNDERGROUND PROTECTION SERVICE (TELEPHONE NUMBER 614-587-0486), AND TO OWNERS OF UNDERGROUND UTILITIES THAT ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE. NOTICE SHALL BE GIVEN AT LEAST 2 WORKING DAYS BEFORE START OF CONSTRUCTION.

3. THE IDENTITY AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN THE CONSTRUCTION AREA HAVE BEEN SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS AS ACCURATELY AS PROVIDED BY THE OWNER OF THE UNDERGROUND UTILITY. THE CITY OF DUBLIN AND THE CITY ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR DEPTHS OF UNDERGROUND FACILITIES SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE.

4. LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, WHETHER SHOWN OR NOT SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

5. WHEN UNKNOWN OR INCORRECTLY LOCATED UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE CITY ENGINEER.

6. PUBLIC STREET LIGHTING MAY BE IN THE VICINITY OF THIS PROJECT. CONTACT THE CITY OF DUBLIN, DIVISION OF ENGINEERING AT 410-4637, TWO DAYS PRIOR TO BEGINNING WORK.

TRAFFIC CONTROL

1. TRAFFIC CONTROL SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR ACCORDING TO OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), CURRENT EDITION.

2. ALL TRAFFIC LANES OF PUBLIC ROADWAYS SHALL BE FULLY OPEN TO TRAFFIC FROM 7:00 AM TO 9:00 AM AND FROM 4:00 PM TO 6:00 PM UNLESS AUTHORIZED DIFFERENTLY BY THE CITY ENGINEER. AT ALL OTHER HOURS THE CONTRACTOR SHALL MAINTAIN MINIMUM ONE—LANE TWO—WAY TRAFFIC. UNIFORMED, OFF—DUTY POLICE OFFICERS SHALL REPLACE FLAGMEN DESIGNATED BY THE OMUTCD, AND SHALL BE PRESENT WHENEVER ONE—LANE, TWO—WAY TRAFFIC CONTROL IS IN EFFECT. POLICE

3. IF THE CITY ENGINEER DETERMINES THAT THE CONTRACTOR IS NOT PROVIDING PROPER PROVISIONS FOR TRAFFIC CONTROL, THE CITY ENGINEER SHALL ASSIGN UNIFORMED, OFF-DUTY POLICE OFFICERS TO THE PROJECT AT NO COST TO THE CITY.

CRUISERS MAY BE REQUIRED AS DIRECTED BY THE CITY ENGINEER.

4. STEADY-BURNING, TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT.

5. ACCESS FROM PUBLIC ROADWAYS TO ALL ADJOINING PROPERTIES FOR EXISTING RESIDENTS OR BUSINESSES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT FOR MAIL, PUBLIC WATER AND SANITARY SEWER SERVICE, AND EMERGENCY VEHICLES. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN DETAILING THE PROPOSED MAINTENANCE OF TRAFFIC PROCEDURES. THE TRAFFIC CONTROL PLAN MUST INCORPORATE ANY TRAFFIC CONTROL DETAILS CONTAINED HEREIN. THE TRAFFIC CONTROL PLAN PROPOSED BY THE CONTRACTOR MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.

EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR OR DEVELOPER IS RESPONSIBLE FOR SUBMITTING A NOTICE OF INTENT (NOI) TO BE REVIEWED AND APPROVED BY THE OHIO EPA. THE NOI MUST BE SUBMITTED TO OEPA 45 DAYS PRIOR TO THE START OF CONSTRUCTION AND MAY ENTITLE COVERAGE UNDER THE OHIO EPA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY. A PROJECT LOCATION MAP MUST BE SUBMITTED WITH THE NOI. A SEDIMENT AND EROSION CONTROL PLAN MUST BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL IF A SEDIMENT AND EROSION CONTROL PLAN HAS NOT ALREADY BEEN INCLUDED WITH THE

APPROVED CONSTRUCTION DRAWINGS. THIS PLAN MUST BE MADE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE DESIGN OF EROSION CONTROL SYSTEMS SHALL FOLLOW THE REQUIREMENTS OF OHIO EPA, ITEM 207 OF OHIO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND THE CITY ENGINEER. AN INDIVIDUAL NPDES STORMWATER DISCHARGE PERMIT MAY BE REQUIRED. THE CONTRACTOR SHALL BE CONSIDERED THE PERMITTEE.

2. THE CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL AT ALL POINTS WHERE STORM WATER RUNOFF LEAVES THE PROJECT, INCLUDING WATERWAYS, OVERLAND SHEET FLOW, AND STORM SEWERS.

INCLUDE BUT ARE NOT LIMITED TO: SEDIMENT BASINS, SILT FILTER FENCE, AGGREGATE CHECK DAMS, AND TEMPORARY GROUND COVER. HAY OR STRAW BALES ARE NOT PERMITTED.

4. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE OF THE WORK

3. ACCEPTED METHODS OF PROVIDING EROSION/SEDIMENT CONTROL

AREA AT ALL TIMES CONSISTENT WITH EROSION CONTROL PRACTICES.

5. DISTURBED AREAS THAT WILL REMAIN UNWORKED FOR 30 DAYS OR MORE SHALL BE SEEDED OR PROTECTED WITHIN SEVEN CALENDAR DAYS OF THE DISTURBANCE. OTHER SEDIMENT CONTROLS THAT ARE INSTALLED SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND

BLASTING (IF PERMITTED)

1. THE CONTRACTOR MUST OBTAIN A BLASTING PERMIT FROM WASHINGTON TOWNSHIP FIRE DEPARTMENT PRIOR TO BLASTING FOR ROCK EXCAVATION. THE CONTRACTOR SHALL SUBMIT BLASTING REPORTS UPON COMPLETION OF BLASTING TO THE CITY ENGINEER, THE OWNER, AND THE OWNER'S ENGINEER. TOP OF ROCK ELEVATIONS SHALL BE SHOWN ON "AS-BUILT" CONSTRUCTION DRAWINGS.

SANITARY SEWERS

1. CONNECTIONS TO THE SANITARY SEWER WILL BE PERMITTED UPON RECEIVING AN OEPA PERMIT TO INSTALL (PTI), AND UPON RECEIVING A SATISFACTORY LETTER FROM THE DESIGN ENGINEER STATING THAT THE PROJECT HAS BEEN CONSTRUCTED AS PER THE PLANS, AND ALL OF THE CONDITIONS OF THE PTI HAVE BEEN MET. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING ALL REQUIRED OHIO EPA APPROVALS AND PAYING REVIEW FEES.

2. SANITARY SEWAGE COLLECTION SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES, REGULATIONS, STANDARDS AND SPECIFICATIONS OF THE CITY OF DUBLIN, OHIO EPA, OHIO DEPARTMENT OF HEALTH AND THE CURRENT EDITION OF THE GREAT LAKES—UPPER MISSISSIPPI RIVER BOARD (TEN STATES) — RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES.

3. THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPE WITH DIAMETERS 15 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC SEWER PIPE ASTM D3034, SDR 35. PIPE FOR 6-INCH DIAMETER HOUSE SERVICE LINES SHALL BE PVC PIPE ASTM D3034, SDR 35. PVC PIPE SHALL NOT BE USED AT DEPTHS GREATER THAN 28 FEET. PIPE MATERIALS AND RELATED STRUCTURES SHALL BE SHOP TESTED IN ACCORDANCE WITH CITY OF COLUMBUS CONSTRUCTION INSPECTION DIVISION QUALITY CONTROL REQUIREMENTS.

4. THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPES WITH DIAMETERS GREATER THAN 15 INCHES SHALL BE REINFORCED CONCRETE PIPE ASTM C76 WITH CLASS DESIGNATION SPECIFIED IN THE APPROVED CONSTRUCTION DRAWINGS.

5. ALL IN-LINE WYE AND TEE CONNECTIONS IN CONCRETE SEWERS, 18-INCH DIAMETER AND LARGER, SHALL BE EITHER KOR-N-TEE OR KOR-N-SEAL CONNECTIONS CONFORMING TO THE MANUFACTURER'S RECOMMENDATIONS.

6. GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL

ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS OR

FLOWABLE CONTROLLED DENSITY BACKFILL ACCORDING TO ITEM 613 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE CITY ENGINEER.

7. ALL MANHOLE LIDS SHALL BE PROVIDED WITH CONTINUOUS SELF—SEALING GASKETS. THE APPROVED CONSTRUCTION DRAWINGS SHALL SHOW WHERE BOLT—DOWN LIDS ARE REQUIRED. SANITARY SEWER MANHOLES SHALL BE PRECAST CONCRETE OR AS APPROVED BY THE CITY

8. ALL PVC SEWER PIPES SHALL BE DEFLECTION TESTED NO LESS THAN 60 DAYS AFTER COMPLETION OF BACKFILLING OPERATIONS. ALL OTHER REQUIREMENTS SHALL BE ACCORDING TO ITEM 901.21 OF THE STANDARD

ENGINEER AND CONFORM TO THE CITY OF DUBLIN SANITARY MANHOLE

STANDARD DRAWING. MANHOLE LIDS SHALL INCLUDE CITY OF DUBLIN

9. TEMPORARY BULKHEADS SHALL BE PLACED IN PIPES AT LOCATIONS SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS AND SHALL REMAIN IN PLACE UNTIL THE PERMIT TO INSTALL (PTI) HAS BEEN ISSUED BY THE OEPA AND THE SEWERS HAVE BEEN APPROVED FOR USE BY THE CITY ENGINEER. THE COST FOR FURNISHING, INSTALLING, MAINTAINING, AND REMOVING BULKHEADS SHALL BE INCLUDED IN THE CONTRACT UNIT BID

PRICE FOR THE VARIOUS SANITARY SEWER ITEMS.

10. ALL SANITARY SEWERS INCLUDING SANITARY SEWER SERVICE LINES SHALL BE SUBJECTED TO AND PASS INFILTRATION OR EXFILTRATION TESTS ACCORDING TO ITEM 901 OF THE STANDARD SPECIFICATIONS AND MUST BE APPROVED FOR USE BY THE CITY ENGINEER BEFORE ANY

SERVICE CONNECTIONS ARE TAPPED INTO SEWERS.

11. FOR SANITARY SEWER INFILTRATION, LEAKAGE THROUGH JOINTS SHALL NOT EXCEED 100 GALLONS PER INCH OF TRIBUTARY SEWER DIAMETER PER 24 HOURS PER MILE OF LENGTH OR THE COMPUTED EQUIVALENT. ALL SANITARY SEWERS SHALL BE TESTED.

12. AT THE DETERMINATION OF THE CITY ENGINEER, THE CONTRACTOR MAY BE REQUIRED TO PERFORM A TV INSPECTION OF THE SANITARY SEWER SYSTEM PRIOR TO FINAL ACCEPTANCE BY THE CITY. THIS WORK SHALL BE COMPLETED BY THE CONTRACTOR AT HIS EXPENSE.

13. VISIBLE LEAKS OR OTHER DEFECTS OBSERVED OR DISCOVERED DURING TV INSPECTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.

14. ROOF DRAINS, FOUNDATION DRAINS, FIELD TILE OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE STRICTLY PROHIBITED ACCORDING TO SECTION 51.23 OF THE DUBLIN CODE OF ORDINANCES.

15. ALL WATER LINES SHALL BE LOCATED AT LEAST 10 FEET HORIZONTALLY AND 18 INCHES VERTICALLY, FROM SANITARY SEWERS AND STORM SEWERS, TO THE GREATEST EXTENT PRACTICABLE. WHERE SANITARY SEWERS CROSS WATERMAINS OR OTHER SEWERS OR OTHER UTILITIES, TRENCH BACKFILL SHALL BE PLACED BETWEEN THE PIPES CROSSING AND SHALL BE COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS. IN THE EVENT THAT A WATER LINE MUST CROSS WITHIN 18 INCHES OF A SANITARY SEWER, THE SANITARY SEWER SHALL BE CONCRETE ENCASED OR CONSIST OF DUCTILE IRON PIPE MATERIAL.

16. SERVICE RISERS SHALL BE INSTALLED WHERE THE DEPTH FROM WYES TO PROPOSED GROUND ELEVATION EXCEEDS 10 FEET. TOPS OF RISERS SHALL BE NO LESS THAN 9 FEET BELOW PROPOSED GROUND ELEVATION IF BASEMENT SERVICE IS INTENDED.

17. WHERE SERVICE RISERS ARE NOT INSTALLED, A MINIMUM 5-FOOT LENGTH OF SANITARY SEWER SERVICE PIPE OF THE SAME SIZE AS THE WYE OPENING SHALL BE INSTALLED.

18. THE CONTRACTOR SHALL FURNISH AND PLACE, AS DIRECTED, APPROVED WYE POLES MADE OF 2 INCHES X 2 INCHES LUMBER AT ALL WYE LOCATIONS, ENDS OF EXTENDED SERVICES, OR AT THE END OF EACH RISER WHERE RISERS ARE REQUIRED. WYE POLES SHALL BE VISIBLE BEFORE ACCEPTANCE BY THE CITY. THE COST OF THESE POLES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS SEWER

19. EXISTING SANITARY SEWER FLOWS SHALL BE MAINTAINED AT ALL TIMES. COSTS FOR PUMPING AND BYPASSING SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT PRICE BID FOR THE RELATED ITEMS.

20. THE CONTRACTOR SHALL FURNISH ALL MATERIAL, EQUIPMENT, AND LABOR TO MAKE CONNECTIONS TO EXISTING MANHOLES. THE SEWER PIPE TO MANHOLE CONNECTIONS FOR ALL SANITARY SEWERS SHALL BE FLEXIBLE AND WATERTIGHT. ALL HOLES SHALL BE NEATLY CORED. THE SEWER PIPE BARREL AT THE SPRINGLINE SHALL NOT EXTEND MORE THAN 1 INCH BEYOND THE INSIDE FACE OF THE MANHOLE. TO MAINTAIN FLEXIBILITY IN THE CONNECTION, A 1—INCH SPACE SHALL BE LEFT BETWEEN THE END OF THE PIPE INSIDE THE MANHOLE AND THE CONCRETE CHANNEL; THIS SPACE SHALL BE FILLED WITH A WATERPROOF FLEXIBLE JOINT FILLER. ANY METAL THAT IS USED SHALL BE TYPE 300 SERIES STAINLESS STEEL. THE CONNECTION MAY BE ANY OF THE FOLLOWING TYPES:

A. RUBBER SLEEVE WITH STAINLESS STEEL BANDING.

1) KOR-N-SEAL AS MANUFACTURED BY NATIONAL POLLUTION CONTROL SYSTEMS, INC.
2) LOCK JOINT FLEXIBLE MANHOLE SLEEVE AS MANUFACTURED BY INTERPACE CORPORATION.

3) OR EQUAL AS APPROVED BY THE CITY ENGINEER.B. RUBBER GASKET COMPRESSION.

PRESS WEDGE II AS MANUFACTURED BY PRESS—SEAL GASKET CORPORATION.
 DURA SEAL III AS MANUFACTURED BY DURA TECH, INC.
 LINK—SEAL AS MANUFACTURED BY THUNDERLINE CORPORATION.
 OR EQUAL AS APPROVED BY THE CITY ENGINEER.

THE COST FOR THIS WORK ALONG WITH A NEW CHANNELIZED BASE FOR THE MANHOLE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RELATED ITEMS OF WORK.

WATER LINE

1. ALL WATER LINE MATERIALS SHALL BE PROVIDED AND INSTALLED ACCORDING TO CURRENT SPECIFICATIONS OF THE CITY OF COLUMBUS DIVISION OF WATER.

2. ALL PUBLIC WATER PIPE WITH A DIAMETER 3 INCHES TO 8 INCHES SHALL BE DUCTILE IRON, CLASS 53. PUBLIC WATER PIPE 12 INCHES IN DIAMETER OR LARGER SHALL BE DUCTILE IRON, CLASS 54. PUBLIC WATER PIPE 20 INCHES IN DIAMETER OR LARGER MAY BE PRESTRESSED CONCRETE PIPE. PRIVATE WATER PIPE SHALL MEET THE APPROVAL OF THE CITY OF COLUMBUS DIVISION OF WATER PRIOR TO APPROVAL OF THE CONSTRUCTION DRAWINGS.

3. ONLY FIRE HYDRANTS CONFORMING TO CITY OF COLUMBUS STANDARDS WILL BE APPROVED FOR USE.

4. PUBLIC WATER LINES SHALL BE DISINFECTED BY THE CITY OF COLUMBUS DIVISION OF WATER. REQUESTS FOR WATER LINE CHLORINATION SHALL BE MADE THROUGH THE CITY OF DUBLIN DIVISION OF ENGINEERING. THE COST FOR CHLORINATION SHALL BE PAID FOR BY THE CONTRACTOR.

5. ALL WATER LINES SHALL BE DISINFECTED ACCORDING TO ITEM 801.13 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS DIRECTED TO APPLICABLE SECTIONS OF AMERICAN WATER WORKS ASSOCIATION SPECIFICATION C-651, PARTICULARLY FOR FLUSHING (SECTION 5) AND FOR CHLORINATING VALVES AND FIRE HYDRANTS (SECTION 7). PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 801.12 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS. WHEN WATER LINES ARE READY FOR DISINFECTION, THE CITY OF DUBLIN SHALL SUBMIT TWO (2) SETS OF "AS-BUILT" PLANS. AND A LETTER STATING THAT THE WATER LINES HAVE BEEN PRESSURE TESTED AND NEED TO BE DISINFECTED, TO THE CITY OF COLUMBUS, DIVISION OF WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE DISINFECTION OF ALL WATER LINES CONSTRUCTION PER THIS PLAN. PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 801.12 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS.

6. THE CONTRACTOR SHALL PAINT ALL FIRE HYDRANTS ACCORDING TO CITY OF DUBLIN STANDARDS. THE COST OF PAINTING FIRE HYDRANTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR FIRE HYDRANTS.

7. NO WATER TAPS OR SERVICE CONNECTIONS (E.G., TO CURB STOPS OR METER PITS) MAY BE ISSUED UNTIL ADJACENT PUBLIC WATER LINES SERVING THE CONSTRUCTION SITE HAVE BEEN DISINFECTED BY THE CITY OF COLUMBUS DIVISION OF WATER AND HAVE BEEN ACCEPTED BY THE CITY ENGINEER. A TAP PERMIT FOR EACH WATER SERVICE MUST BE OBTAINED FROM THE CITY OF DUBLIN AND THE CITY OF COLUMBUS DIVISION OF WATER BEFORE MAKING ANY TAPS INTO PUBLIC WATER LINES.

8. THE CONTRACTOR SHALL NOTIFY THE CITY OF COLUMBUS DIVISION OF WATER AT 645-7788 AND THE CITY OF DUBLIN DIVISION OF ENGINEERING AT LEAST 24 HOURS BEFORE TAPPING INTO EXISTING WATER LINES.

9. ALL WATER MAIN STATIONING SHALL BE BASED ON STREET CENTERLINE

10. ALL BENDS, JOINT DEFLECTIONS AND FITTINGS SHALL BE BACKED WITH CONCRETE PER CITY OF COLUMBUS STANDARDS.

11. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL AFFECTED PROPERTY OWNERS AT LEAST 1 WORKING DAY BUT NOT MORE THAN 3 WORKING DAYS PRIOR TO ANY TEMPORARY INTERRUPTION OF WATER SERVICE. INTERRUPTION OF WATER SERVICE SHALL BE MINIMIZED AND MUST BE APPROVED BY THE CITY ENGINEER.

12. WATER METERS SHALL BE INSTALLED INSIDE PROPOSED STRUCTURES UNLESS A METER PIT INSTALLATION IS APPROVED BY THE CITY OF COLUMBUS DIVISION OF WATER. METER PITS MUST CONFORM TO STANDARD DRAWINGS L-7103, A&B FOR 5/8" THROUGH 1" METERS OR L-6317, A, B, C&D FOR 1-1/2" OR LARGER

13. WATER LINES TO BE INSTALLED IN EMBANKMENT AREAS SHALL BE PLACED AFTER THE EMBANKMENT HAS BEEN PLACED AND COMPACTED ACCORDING TO THE STANDARD SPECIFICATIONS.

14. CURB STOP BOXES SHALL BE LOCATED AT LEAST 1 FOOT INSIDE THE

RIGHT-OF-WAY AND SET AT FINISHED GRADE.

15. IF THE TOP OF THE OPERATING NUT OF ANY VALVE IS GREATER THAN 36 INCHES BELOW FINISHED GRADE, AN EXTENSION STEM SHALL BE FURNISHED TO BRING THE TOP OF THE OPERATING NUT TO WITHIN 24 INCHES OFFINISHED GRADE ELEVATION.

16. ALL WATER LINES SHALL BE PLACED AT A MINIMUM DEPTH OF 4 FEET MEASURED FROM TOP OF FINISHED GRADE TO TOP OF WATER LINE. WATER LINES SHALL BE SET DEEPER AT ALL POINTS WHERE NECESSARY TO CLEAR EXISTING OR PROPOSED UTILITY LINES OR OTHER UNDERGROUND RESTRICTIONS BY A MINIMUM OF 18 INCHES.

17. TWO ¾INCH TAPS SHALL BE INSTALLED WITHIN 2 FEET OF THE END OF THE LINE ON ALL DEAD-END WATER LINES.

STORM SEWER

STATIONING.

1. ALL STORM WATER DETENTION AND RETENTION AREAS AND MAJOR FLOOD ROUTING SWALES SHALL BE CONSTRUCTED TO FINISH GRADE AND HYDRO—SEEDED AND HYDRO—MULCHED ACCORDING TO ITEMS 203 AND 659 OF THE STANDARD SPECIFICATIONS.

2. WHERE PRIVATE STORM SEWERS CONNECT TO PUBLIC STORM SEWERS, THE LAST RUN OF PRIVATE STORM SEWER CONNECTING TO THE PUBLIC STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM DESIGNATION C76, WALL B, CLASS IV FOR PIPE DIAMETERS 12 INCHES TO 15 INCHES, CLASS III FOR 18 INCHES TO 24 INCH PIPES, AND 27 INCHES AND LARGER PIPE SHALL BE CLASS II, UNLESS OTHERWISE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. INSPECTION IS REQUIRED BY THE CITY OF DUBLIN'S DIVISION OF ENGINEERING.

3. GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS OR FLOWABLE CONTROLLED DENSITY BACKFILL ACCORDING TO ITEM 613 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE CITY ENGINEER.

4. ALL STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM DESIGNATION C76, WALL B, CLASS IV FOR PIPE DIAMETERS 12 INCHES TO 15 INCHES, CLASS III FOR 18 INCHES TO 24 INCH PIPES, AND 27 INCHES AND LARGER PIPE SHALL BE CLASS II, UNLESS OTHERWISE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.

5. HEADWALLS AND ENDWALLS SHALL BE REQUIRED AT ALL STORM SEWER INLETS OR OUTLETS TO AND FROM STORMWATER MANAGEMENT FACILITIES. NATURAL STONE AND/OR BRICK APPROVED BY THE CITY ENGINEER SHALLBE PROVIDED ON ALL VISIBLE HEADWALLS AND/OR ENDWALLS SURFACES.

6. STORM INLETS OR CATCH BASINS SHALL BE CHANNELIZED AND HAVE BICYCLE SAFE GRATES. MANHOLE LIDS SHALL INCLUDE CITY OF DUBLIN LOGO AND ALL CURB INLET AND CATCH BASIN GRATES SHALL INDLUCE ENGRAVED LETTERING: 'DUMP NO WASTE; DRAINS TO RIVER.'

7. STORM SEWER OUTLETS GREATER THAN 18 INCHES IN DIAMETER ACCESSIBLE FROM STORMWATER MANAGEMENT FACILITIES OR WATERCOURSES SHALL BE PROVIDED WITH SAFETY GRATES, AS APPROVED BY THE CITY ENGINEER.

MAIL DELIVERY

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT U.S. MAIL DELIVERY WITHIN THE PROJECT LIMITS IS NOT DISRUPTED BY CONSTRUCTION OPERATIONS. THIS RESPONSIBILITY IS LIMITED TO RELOCATION OF MAILBOXES TO A TEMPORARY LOCATION THAT WILL ALLOW THE COMPLETION OF THE WORK AND SHALL ALSO INCLUDE THE RESTORATION OF MAILBOXES TO THEIR ORIGINAL LOCATION OR APPROVED NEW LOCATION. ANY RELOCATION OF MAILBOX SERVICES MUST BE FIRST COORDINATED WITH THE US POSTAL SERVICE AND THE HOMEOWNER.

2. BEFORE RELOCATING ANY MAILBOXES, THE CONTRACTOR SHALL CONTACT THE U.S. POSTAL SERVICE AND RELOCATE MAILBOXES ACCORDING TO THE REQUIREMENTS OF THE POSTAL SERVICE.

USE OF FIRE HYDRANTS

1. THE CONTRACTOR SHALL MAKE PROPER ARRANGEMENTS WITH THE DUBLIN SERVICE DEPARTMENT AND THE COLUMBUS DIVISION OF WATER FOR THE USE OF FIRE HYDRANTS WHEN USED FOR WORK PERFORMED UNDER THIS CONTRACT AND PROVIDE THE CITY OF DUBLIN A COPY OF THE HYDRANT USAGE PERMIT OBTAINED FROM THE CITY OF COLUMBUS. THE CONTRACTOR SHALL ALSO SEND A COPIES OF PERMITS OBTAINED FROM DUBLIN AND COLUMBUS TO THE WASHINGTON AND/OR PERRY TOWNSHIP FIRE DEPARTMENT. PERMITS SHALL BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES.

2. BEFORE THE FINAL ESTIMATE IS PAID, THE CONTRACTOR SHALL SUBMIT A LETTER FROM THE CITY OF COLUMBUS DIVISION OF WATER TO THE CITY ENGINEER STATING THAT THE CONTRACTOR HAS RETURNED THE SIAMESE VALVE TO THE CITY OF COLUMBUS AND HAS PAID ALL COSTS ARISING FROM THE USE OF THE FIRE HYDRANTS.

ADVANCED
I V I L D E S I G N
781 Science Blvd, Suite 100
Gahanna, Ohio 43230

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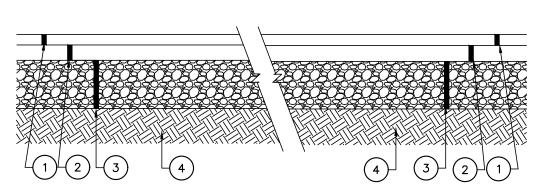
e Live-Work

GENERAL PROJECTITE

MEYERS+ASSOCIATES PROJECT NUMBER:

ET NUMBER

C-002



(1) ITEM 448, 1 1/4" ASPHALT CONCRETE (2) ITEM 448, 1 3/4" ASPHALT CONCRETE (3) ITEM 304, 8" CRUSHED AGGREGATE BASE (4) ITEM 203, SUBGRADE COMPACTION

LIGHT DUTY

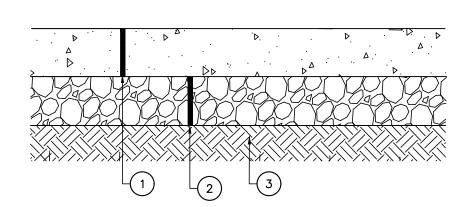
(1) ITEM 448, 1 1/4" ASPHALT CONCRETE (2) ITEM 448, 2 3/4" ASPHALT CONCRETE ITEM 304, 10" CRUSHED AGGREGATE BASE (4) ITEM 203, SUBGRADE COMPACTION

HEAVY DUTY

NOTES: ALL PAVEMENT MATERIALS SHALL CONFORM TO THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS. PAVEMENT DESIGN AS PER GEOTECHNCAL REPORT.

TYPICAL PAVEMENT SECTIONS

(NO SCALE)



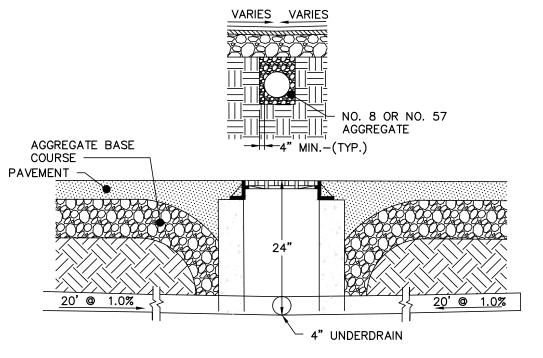
(1) ITEM 452, 6 1/2" PLAIN P.C. CONCRETE PAVEMENT (CLASS C) (2) ITEM 304, 6" CRUSHED AGGREGATE BASE (3) ITEM 203, SUBGRADE COMPACTION, REF. SOILS REPORT

CONCRETE PAVING, CMSC ITEM 452 SHALL CONFROM TO THE FOLLOWING SPECIFICATIONS:

- 4000 PSI COMPRESSIVE STRENGTH, 600 PSI FLEXURAL STRENGTH.
- 2. 5-7% ENTRAINED AIR WITH APPROVED WATER-REDUCING AND RETARDING ADMIXTURES.
- 3. CONSTRUCTION JOINTS SHALL BE SPECIFIED BY CONTRACTOR AS A PART OF THE CONTRACT BID. 4. CONCRETE PAVING SHALL HAVE A LIGHT BROOM FINISH.
- 5. CURING COMPOUND SHALL BE APPLIED AS PER CMSM ITEM 451.10.

CONCRETE PAVEMENT SECTION & DETAILS

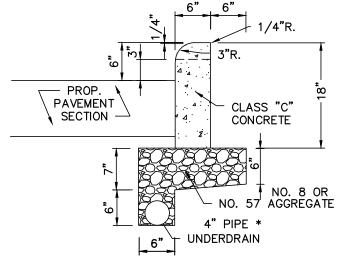
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* 4" PERFORATED UNDERDRAIN - SEE STORM SEWER PLAN FOR LOCATIONS. THE PERFORATED PIPE SHALL BE PROTECTED FROM HEAVY TRAFFIC AFTER INSTALLATION PRIOR TO PLACEMENT OF PROPOSED PAVING.

TYPICAL 4" UNDERDRAIN DETAIL

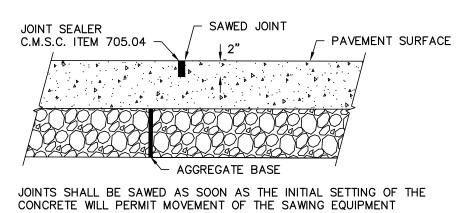
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* CONTRACTOR SHALL VERIFY REQUIREMENTS FOR CURB UNDERDRAIN WITH THE OWNER. ANY UNDERDRAIN PLACED SHALL BE PROVIDED AN OUTLET TO THE PROPOSED STORM SYSTEM. POSITIVE DRAINAGE SHALL BE MAINTAINED.

STRAIGHT 18" CONCRETE CURB

(NO SCALE)



WITHOUT DAMAGE TO THE SURFACE **SAWED CONTROL JOINT DETAIL***

JOINT IS TOOLED

TOOLED CONTROL JOINT DETAIL*

(NO SCALE)

VIEWS FOR WIDTHS AT

SIDEWALK JOINTS SHALL BE IN ACCORDANCE WITH CMSC ITEM 608.03 UNLESS OTHERWISE DETAILED AS A PART OF THE BUILDING OR LANDSCAPE

SIDEWALK SECTION

(NO SCALE)

VARIOUS LOCATIONS

* : CONSTRUCTION JOINTS MAY BE SAWED OR TOOLED AS

DIRECTED BY THE CONSTRUCTION MANAGER.

4" ITEM 304,

CRUSHED AGGREGATE BASE -

ARCHITECT PLANS.

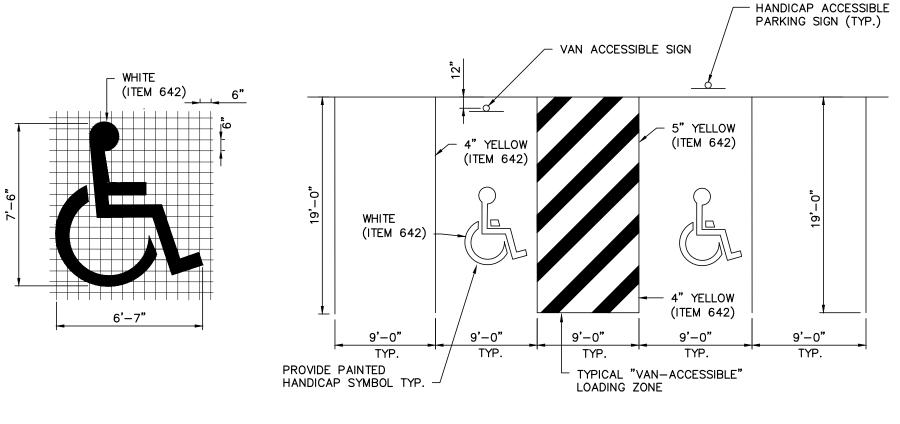
- 1/2" x 1/4" TOOLED CONTROL JOINT BROOM FINISH AFTER

/ PAVEMENT SURFACE

4" CONCRETE WALK,

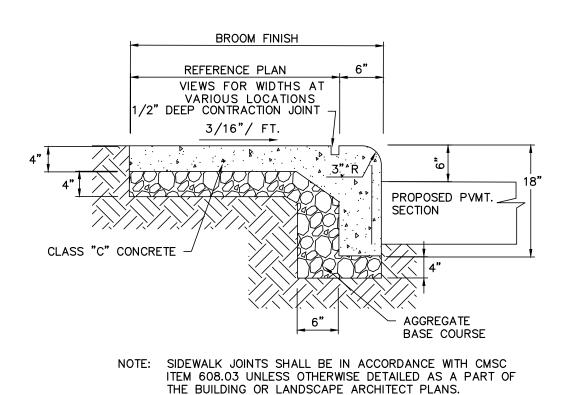
ITEM 608 (CLASS "C" CONCRETE)

(NO SCALE)



TYPICAL PARKING AND HANDICAP SPACE

(NO SCALE)



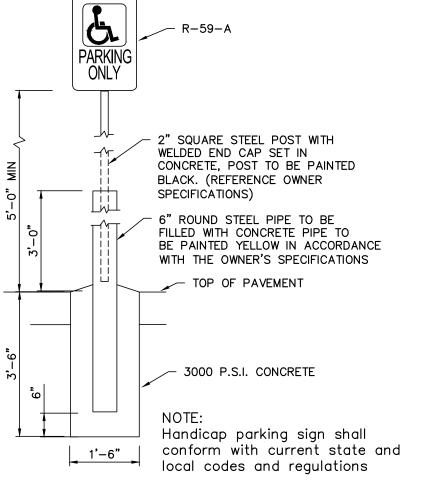
STANDARD COMBINED CURB AND WALK

(NO SCALE)



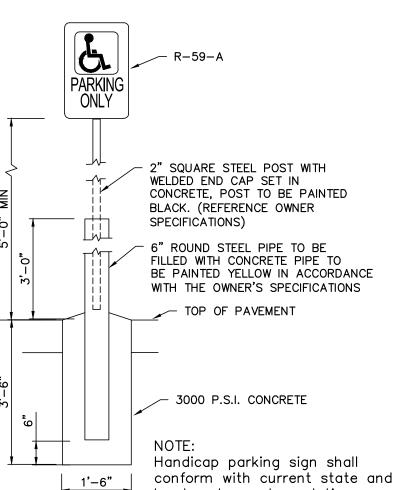
HANDICAP PARKING & **VAN ACCESSIBLE SIGN DETAIL**

(NO SCALE)



HANDICAP PARKING SIGN DETAIL

(NO SCALE)



associates

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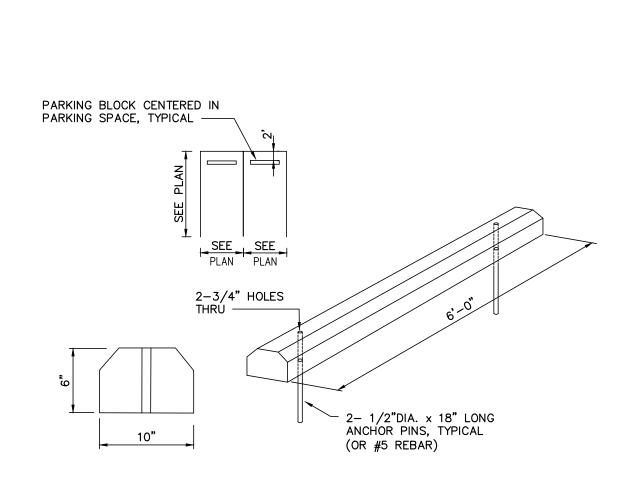
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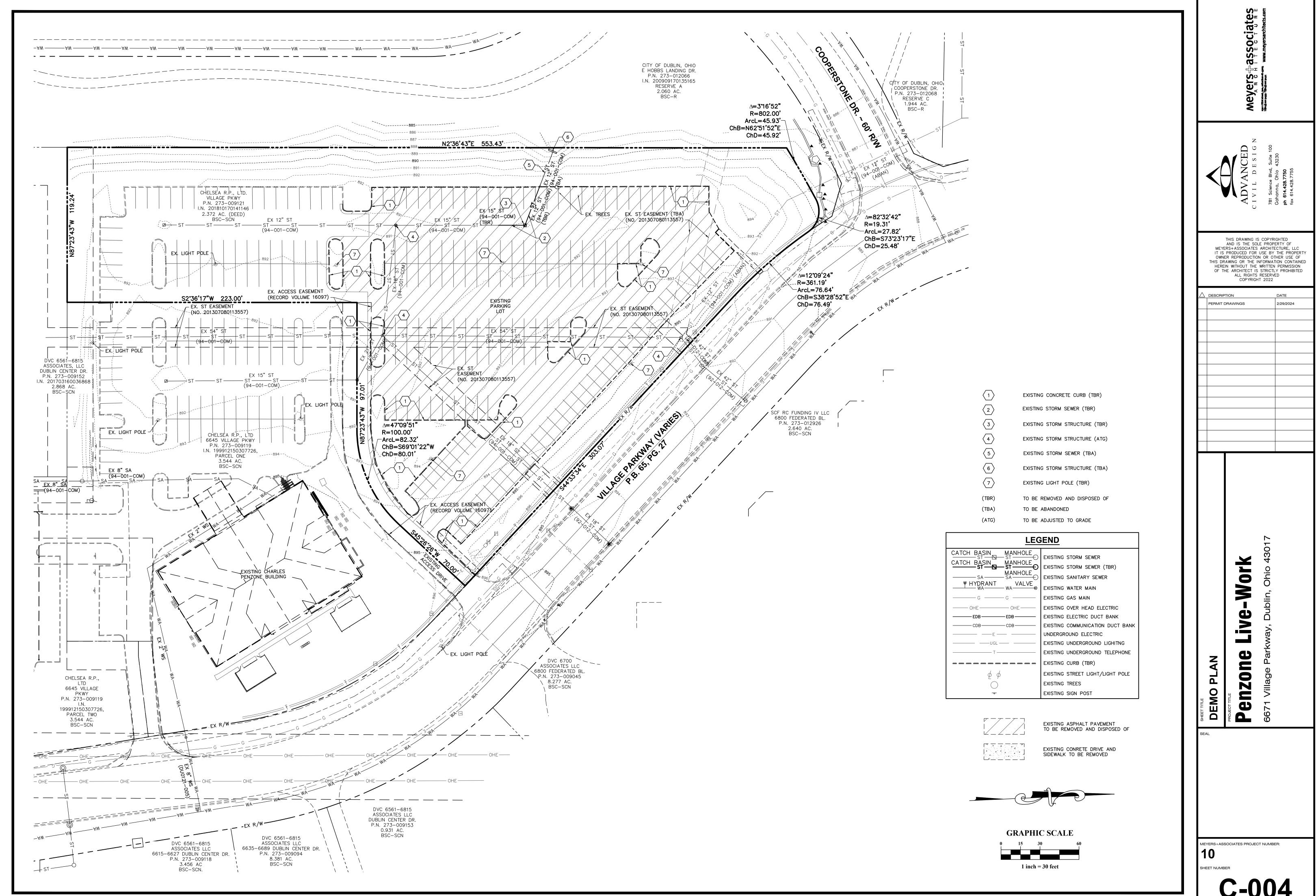
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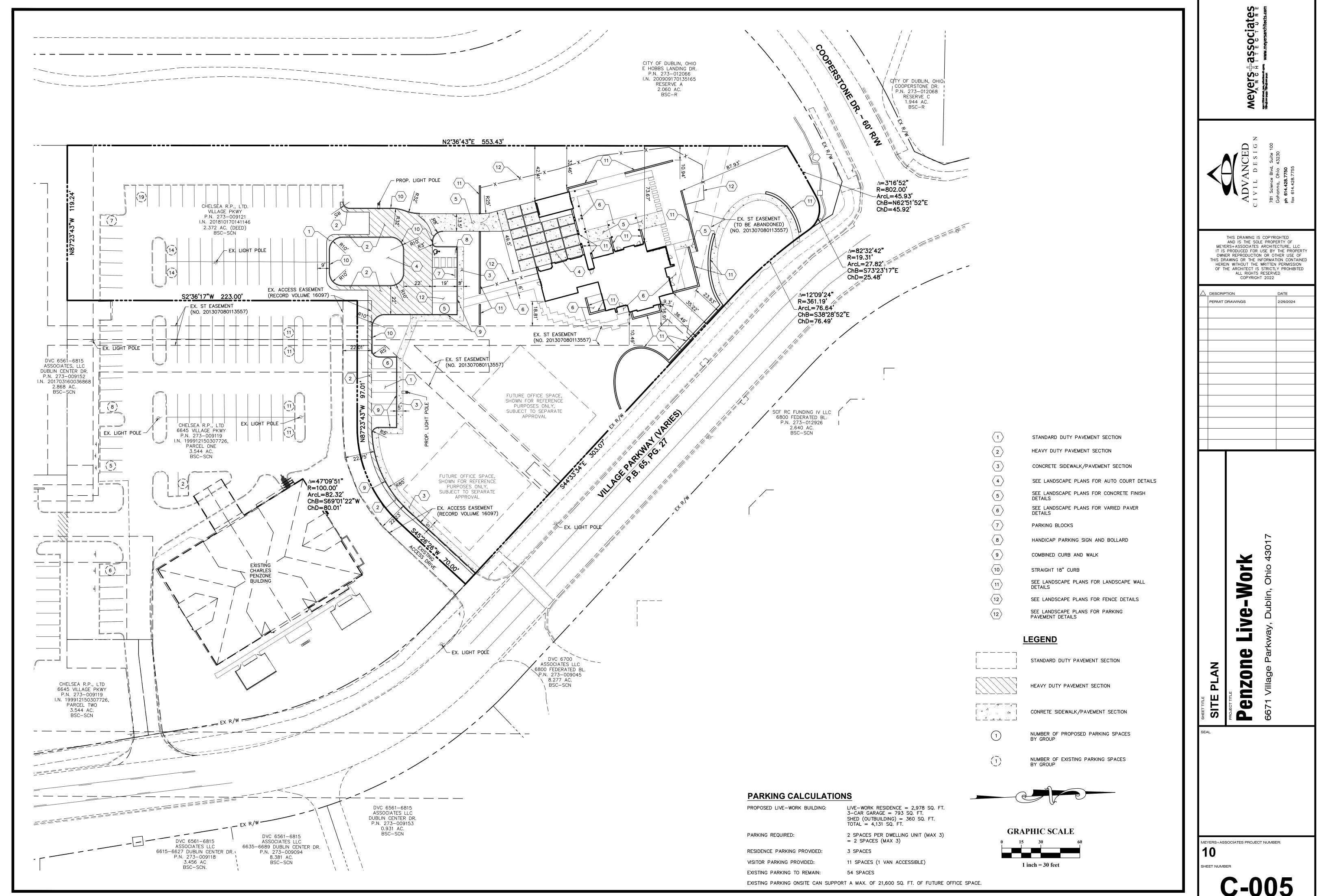
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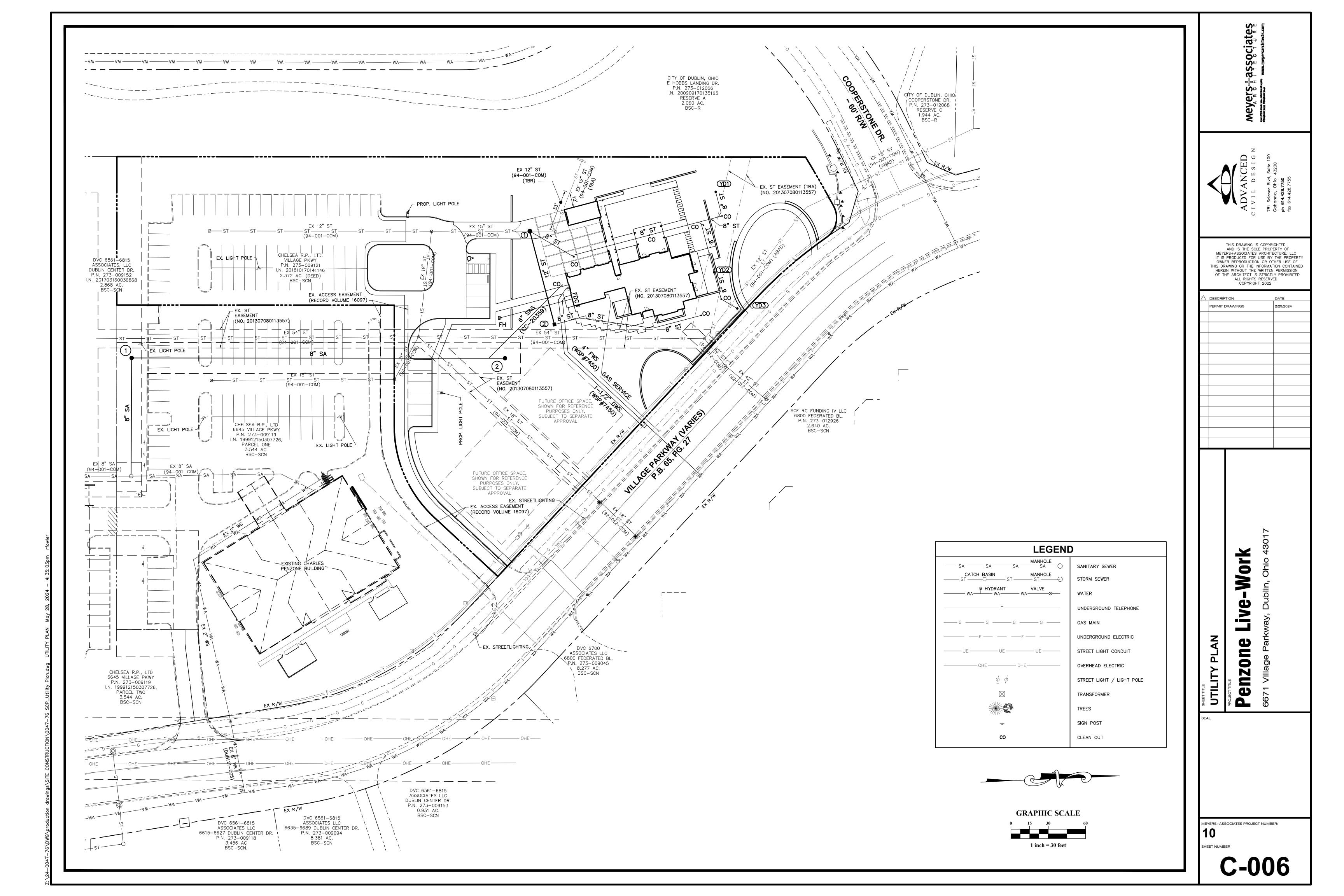


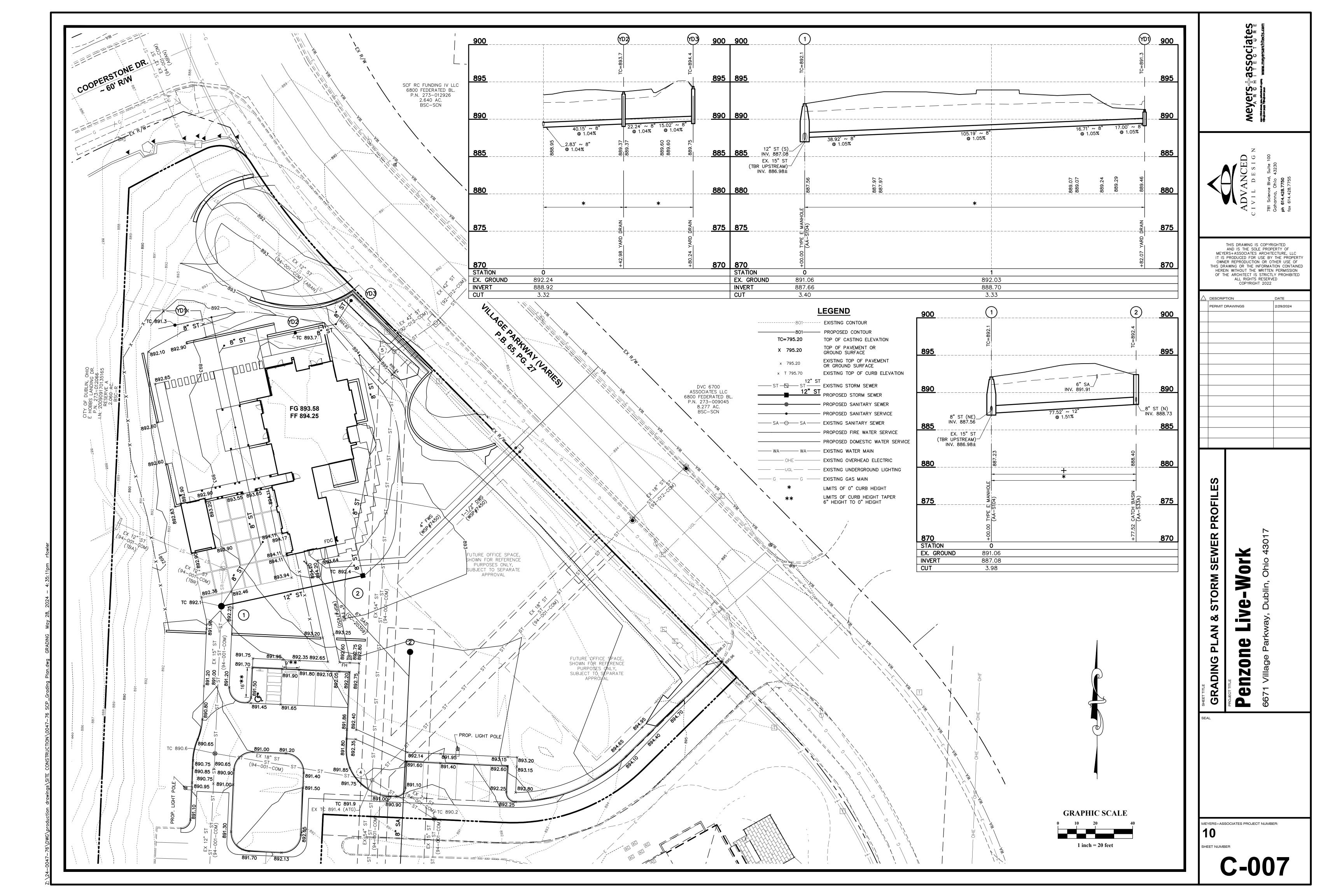
CONCRETE WHEEL STOP DETAIL

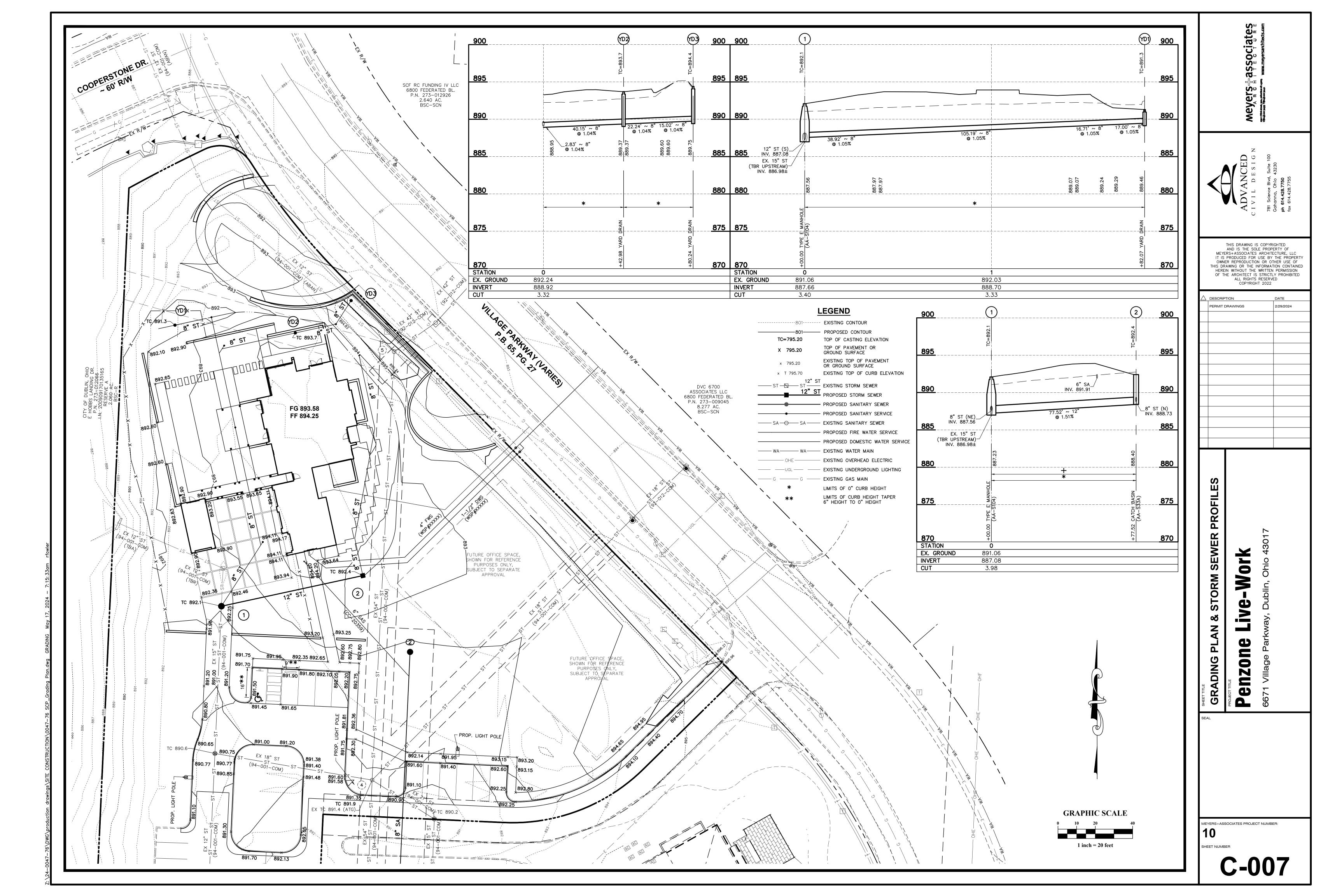
(NO SCALE)











781 SCIENCE BOULEVARD, SUITE 100 SITE CONTACT: DUBLIN, OHIO 43016 GAHANNA, OH 43230 PH (614) 428-7750 614-764-0032 FAX (614) 428-7755

CONTACT: RYAN FOWLER EMAIL: RFOWLER@ADVANCEDCIVILDESIGN.COM

PROPERTY OWNER: CHELSEA R.P., LTD 6671 VILLAGE PARKWAY DUBLIN, OHIO 43017

EXISTING SITE DESCRIPTION: THE PROJECT SITE CURRENTLY IS A PARKING LOT WITH A FEW TREES AND BRUSH AREAS ALONG THE SIDES. OVERALL SITE ACREAGE: 2.36 ACRES DISTURBED ACREAGE: 1.47 ACRES

EXISTING SITE DRAINAGE CONDITION:

THE EXISTING SITE DRAINS PRIMARILY THROUGH AN EXISTING STORM SEWER TO THE SOUTH INTO AN EXISTING STORM WATER BASIN.

ADJACENT AREAS:

CRITICAL AREAS:

THE SITE IS BOUNDED BY A RESIDENTIAL PROPERTY TO THE WEST, A STORM WATER BASIN AND COMMERCIAL PROPERTY TO THE SOUTH, AND PUBLIC STREETS TO THE NORTH AND EAST. THE PUBLIC ROADS AND STORM WATER BASIN SHALL BE PROTECTED FROM ANY AND ALL SEDIMENT LADEN RUNOFF.

EROSION & SEDIMENT CONTROL MEASURES:

EROSION AND SEDIMENT RUNOFF WILL BE CONTROLLED BY THE USE OF SEDIMENT FENCE AND

MAINTENANCE:

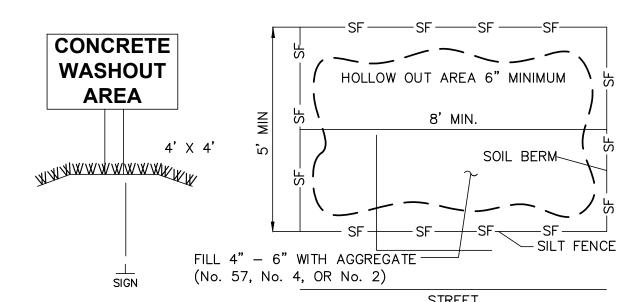
MAINTENANCE OF THE EROSION & SEDIMENT CONTROL ITEMS SHALL BE IN ACCORDANCE WITH THE NOTES LISTED WITHIN THIS PLAN. 1. OBTAIN PROPER CITY OF DUBLIN, COUNTY, STATE, AND FEDERAL PERMITS. CONSTRUCTION SEQUENCE:

- (EROSION & SED. CONTROL) PRIOR TO CONSTRUCTION THE OWNER/OPERATOR SHALL COORDINATE WITH
 - 3. THE CONTRACTOR SHALL CALL THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1-800-362-2764 FORTY-EIGHT (48) HOURS IN ADVANCE OF ANTICIPATED START OF CONSTRUCTION, AND SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR

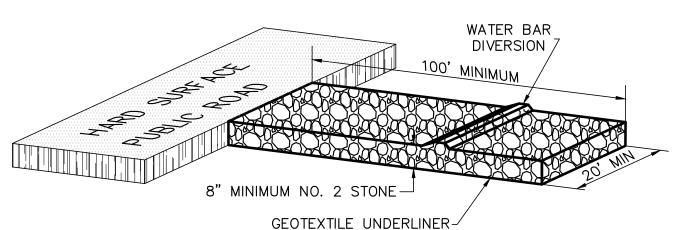
ALL CONTRACTORS AND THE CITY OF DUBLIN ENGINEER AS REQUIRED.

- 4. ESTABLISH THE TEMPORARY CONSTRUCTION ENTRANCE INTO THE SITE PER DETAIL ON THIS SHEET.
- 5. THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCE AROUND ALL PROTECTION AREAS (PRESERVED TREES) PRIOR TO COMMENCEMENT OF WORK.
- 6. CLEAR NECESSARY VEGETATION FOR THE INSTALLATION OF THE PERIMETER SEDIMENT FENCE.
- WHILE PERFORMING SITE GRADING ACTIVITIES. DISTURBED AREAS SHALL BE SEEDED WITHIN 7 DAYS OF CONSTRUCTION. DRAINAGE SHALL BE DIRECTED TO A FILTERING FACILITY AT ALL TIMES DURING CONSTRUCTION. TOPSOIL SHALL BE STOCKPILED FOR LATER RE-SPREAD OR HAULED OFFSITE.
- 8. AS EACH AREA IS DISTURBED AND MOUNDING TAKES PLACE IN ORDER TO PROVIDE COMPACTION AND PLACEMENT OF FILL ACROSS THE SITE, EROSION CONTROL MEASURES SHALL BE USED. STOCKPILES SHALL BE SURROUNDED BY SEDIMENT FENCE AND TEMPORARY SEEDING APPLIED.
- 9. SEED AND MULCH THE SITE ACCORDING TO THE TEMPORARY AND PERMANENT SEEDING REQUIREMENTS TO REESTABLISH ALL DENUDED AREAS.
- 10. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR SEEDED/MULCHED. AFTER REMOVAL OF THE EROSION CONTROL DEVICES, THE CONTRACTOR SHALL CLEAN ALL INLETS AND STORM SEWER PIPES OF ALL SEDIMENT INCURRED DURING CONSTRUCTION

CONTRACTOR RESPONSIBILITY: DETAILS HAVE BEEN PROVIDED ON THE PLANS IN AN EFFORT TO HELP THE CONTRACTOR PROVIDE EROSION AND SEDIMENTATION CONTROL. THE DETAILS SHOWN ON THE PLAN SHALL BE CONSIDERED A MINIMUM. ADDITIONAL OR ALTERNATE DETAILS MAY BE FOUND IN THE S.C.S. MANUAL "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS." THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENT RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION IN COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.



CONCRETE WASHOUT AREA



GEOTEXTILE UNDERLINER-CONSTRUCTION ENTRANCE (NO SCALE)

ENTRANCE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MUD AND DIRT TRACKED ONTO PUBLIC ROADWAY. PERIODIC STREET CLEANING MAY BE REQUIRED AND SHOULD BE INCLUDED IN THE BID PRICE FOR ITEM 207, EROSION AND SEDIMENT CONTROL.

WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE TO PREVENT RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL PROPOSED GRADE IS REACHED ON ANY PORTION OF THE SITE. ALL DENUDED AREAS SHALL BE CONSTRUCTED TO FINAL PROPOSED GRADE AS QUICKLY AS POSSIBLE AND SHOULD NOT BE LEFT DORMANT UNLESS SITE CONDITIONS DO NOT ALLOW FINAL GRADING TO BE COMPLETED. SOIL STABILIZATION SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS WHERE GRADING MAY NOT BE COMPLETE, BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN FORTY-FIVE DAYS.

SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE FILTERED OR DIVERTED TO A SETTLING FACILITY.

Time frame to apply erosion controls

WITHIN TWO DAYS OF THE MOST RECENT

DISTURBANCE IF THE AREA WILL REMAIN

WITHIN SEVEN DAYS OF THE MOST RECENT

FOR RESIDENTIAL SUBDIVISIONS, DISTURBED

AREAS MUST BE STABILIZED AT LEAST

PERMIT COVERAGE FOR THE INDIVIDUAL

PRIOR TO THE ONSET OF WINTER WEATHER

SEVEN DAYS PRIOR TO TRANSFER OF

IDLE FOR MORE THAN 21 DAYS

DISTURBANCE WITHIN THE AREA

SEDIMENT BARRIERS SUCH AS SEDIMENT FENCE OR DIVERSIONS TO SETTLING FACILITIES SHALL PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED BY SHEET FLOW.

PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA, ALL SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE IN PLACE. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE ENGINEER.

THE CONTRACTOR SHALL PLACE INLET PROTECTION FOR THE EROSION CONTROL IMMEDIATELY AFTER CONSTRUCTION OF THE CATCH BASINS OR INLETS WHICH ARE NOT TRIBUTARY TO A SEDIMENT BASIN OR DAM.

THE LIMITS OF SEEDING AND MULCHING WILL EXTEND OVER THE PROJECT AREA IN ACCORDANCE WITH THE LEVEL OF DISTURBANCE ASSOCIATED WITH THE ACTUAL CONSTRUCTION SEQUENCE. ALL AREAS NOT DESIGNATED TO BE SEEDED SHALL REMAIN UNDER NATURAL GROUND COVER. THOSE AREAS DISTURBED OUTSIDE THE SEEDING LIMITS SHALL BE SEEDED AND MULCHED AT THE CONTRACTOR'S EXPENSE.

TEMPORARY SEEDING

Area requiring temporary stabilization

ANY DISTURBANCE AREAS WITHIN 50

FEET OF A SURFACE WATER OF THE

FOR ALL CONSTRUCTION ACTIVITIES, ANY

DORMANT FOR MORE THAN 21 DAYS BUT

LESS THAN ONE YEAR, AND NOT WITHIN

50 FEET OF A SURFACE WATER OF THE

DISTURBED AREAS THAT WILL BE IDLE

STATE AND NOT AT FINAL GRADE

DISTURBED AREAS THAT WILL BE

OVER WINTER

PERMANENT SEEDING

Area requiring Permanent stabilization	Time frame to apply erosion controls					
ANY AREA THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE					
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE					
ANY OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA					

DESCRIPTION	DATES	RECOMMENDED APPLICATION RATE (OR EQUIVALENT) AS SPECIFIED IN RAINWATER & LAND DEVELOPMENT							
PERMANENT SEEDING	MARCH 1-SEPT 30	GENERAL USE	MIX OF CREEPING DOMESTIC KENTUCK	G RED FESCUE @ 20-40 LB/ C RYEGRASS @ 10-20 LB/AC (Y BLUEGRASS @ 10-20 LB/					
		STEEP BANKS	TALL FECOLE &	40 LD /40					
		ROAD DITCHES	TALL FESCUE @ 4	40 LB/AC					
TEMPORARY SEEDING	MARCH 1-SEPT 30	PERENIAL RYEGRASS @ 40 LB/AC MIX OF TALL FESCUE @ 40 LB/AC ANNUAL RYEGRASS @ 40 LB/AC							
DORMANT	OCT 1-NOV 20	PREPARE SEEDBED, ADD LINE & FERTILIZER, THEN MULCH. FROM NOV 21 THROUGH MARCH 15, APPLY THE SELECTEDSEED MIXTURE AT A 50% INCREASE IN RATE							
SEEDING	NOV 20-MARCH 15	PREPARE SEEDBED, ADD LIME & FERTILIZER, APPLY THE SELECTED SEE MIXTURE AT A 50% INCREASE IN RATE, THEN MULCH							
MULCH	ANY TIME OF YEAR	S	TRAW	2 TONS/AC OR 90 LB/1000FT					
	ANT TIME OF TEAK	HYDROSEED (WOO	DD CELLULOSE FIBER)	1 TON/AC OR 46 LB/1000FT					

MAINTENANCE: IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE SEDIMENT CONTROL FEATURES USED ON THIS PROJECT. THE SITE SHALL BE INSPECTED EVERY 7 DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREATER THAN 0.5" PER 24 HOUR PERIOD. RECORDS OF THESE INSPECTIONS SHALL BE KEPT AND MADE AVAILABLE TO JURISDICTIONAL AGENCIES IF REQUESTED. ANY SEDIMENT OR DEBRIS WHICH HAS REDUCED THE EFFICIENCY OF A STRUCTURE SHALL BE REMOVED IMMEDIATELY. SHOULD A STRUCTURE OR FEATURE BECOME DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE AT NO ADDITIONAL COST TO THE OWNER.

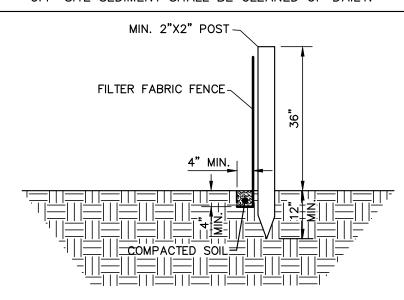
SCHEDULE: THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE CONSTRUCTION MANAGER. SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE PLACED IN ACCORDANCE WITH THIS SCHEDULE.

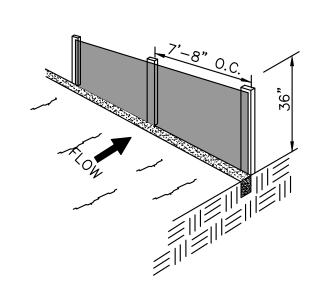
CONTRACTOR RESPONSIBILITY

DETAILS HAVE BEEN PROVIDED ON THE PLANS IN AN EFFORT TO HELP THE CONTRACTOR PROVIDE EROSION AND SEDIMENTATION CONTROL. THE DETAILS SHOWN ON THE PLAN SHALL BE CONSIDERED A MINIMUM. ADDITIONAL OR ALTERNATE DETAILS MAY BE FOUND IN THE S.C.S. MANUAL "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS." THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENT RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION IN COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.

THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE OWNER. THE SCHEDULE SHOULD INCLUDE A SEQUENCE OF THE PLACEMENT OF THE SEDIMENTATION AND EROSION CONTROL MEASURES THAT PROVIDES FOR CONTINUAL PROTECTION OF THE SITE THROUGHOUT THE EARTH MOVING ACTIVITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT OFF-SITE TRACKING OF SEDIMENTS BY VEHICLES AND EQUIPMENT IS MINIMIZED. ALL SUCH OFF-SITE SEDIMENT SHALL BE CLEANED UP DAILY.





SEDIMENT FENCE DETAIL (NO SCALE)

SEDIMENT FENCE NOTES

SILT FENCE: THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

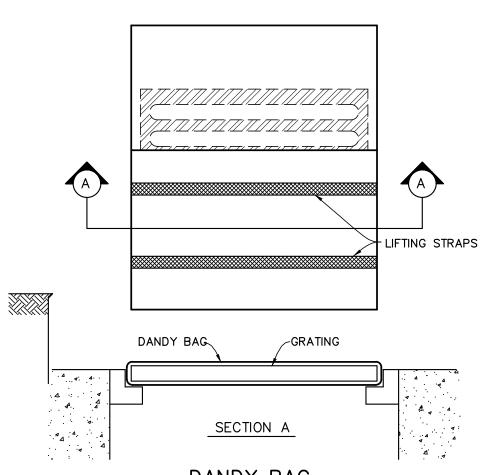
- 1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36-INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE). 2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LÉNGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF A 6 INCH OVERLAP. AND SECURELY SEALED.
- 3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12-INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, PÓST SPACING SHALL NOT EXCEED 6 FEET. 4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4-INCHES WIDE AND 4 INCHES DEEP
- ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. 5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2-INCHES AND SHALL NOT EXTEND MORE THAN 36-INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- 6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8-INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36-INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES. 7. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM
- 8. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC. 9. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE

MAINTENANCE

NO. 6 APPLYING.

SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE—HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND



DANDY BAG

INSTALLATION: STAND GRATE ON END. PLACE DANDY BAG OVER GRATE. ROLL GRATE OVER SO THAT OPEN END IS UP. PULL UP SLACK. TUCK FLAP IN. BE SURE END OF GRATE IS COMPLETELY COVERED BY FLAP OR DANDY BAG WILL NOT FIT PROPERLY. HOLDING HANDLES, CAREFULLY PLACE DANDY BAG WITH GRATE INSERTED INTO CATCH BASIN FRAME SO THAT RED DOT ON THE TOP OF THE DANDY BAG IS VISIBLE.

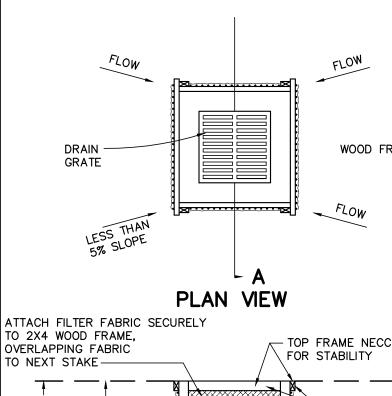
MAINTENANCE: WITH A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL REMOVE SILT & OTHER DEBRIS OFF SURFACE AFTER EACH EVENT.

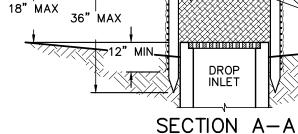
> INLET PROTECTION DETAIL (NO SCALE)

> > INLET PROTECTION

CONSTRUCTION ENTRANCE

CONCRETE WASHOUT AREA

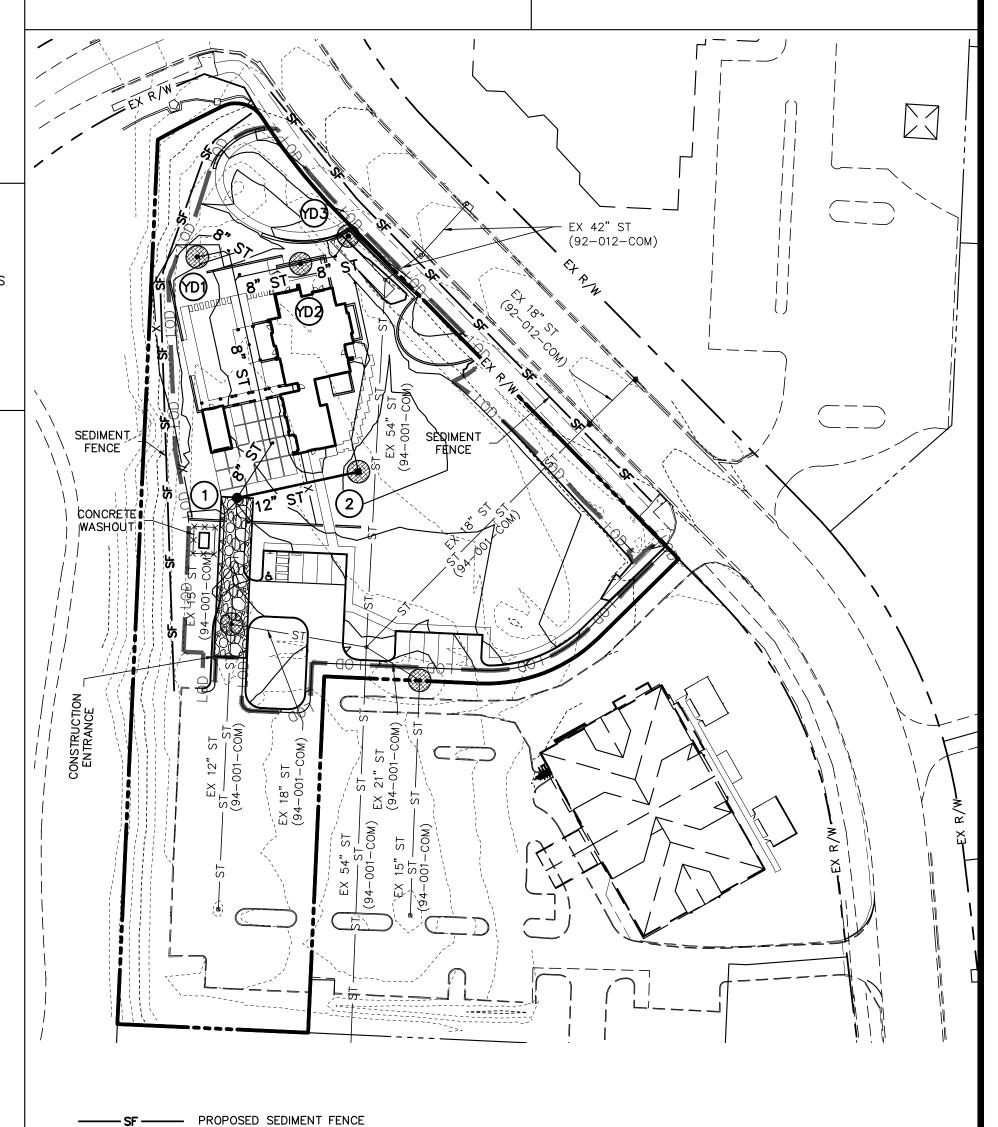




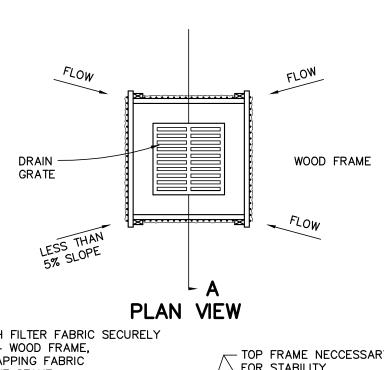
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS

- 2. USE 2"X4" WOOD OR EQUIVALENT METAL STAKES, 3' (1M) MINIMUM LENGTH. 3. INSTALL 2"X4" WOOD TOP FRAME TO INSURE STABILITY.
- 4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY- PASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

SILT FENCE INLET FILTER (NO SCALE)



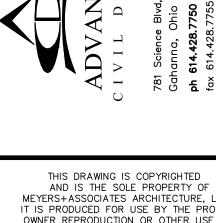
EROSION CONTROL PLAN



-2X4 WOOD FRAME

4 SIDES OF D.

(100X50)



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eyers.

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PERMIT DRAWINGS 2/29/2024

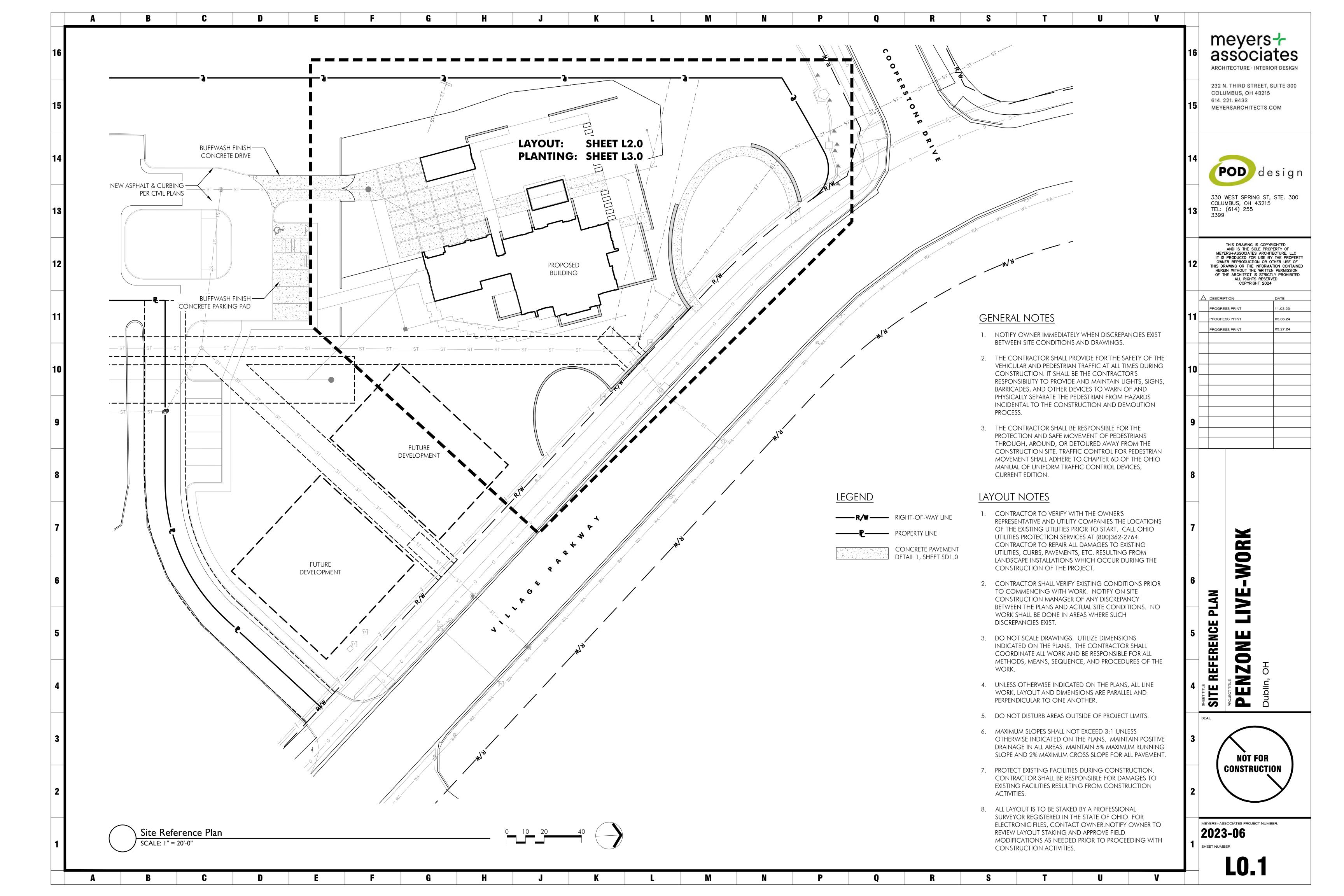
IEYERS+ASSOCIATES PROJECT NUMBER:

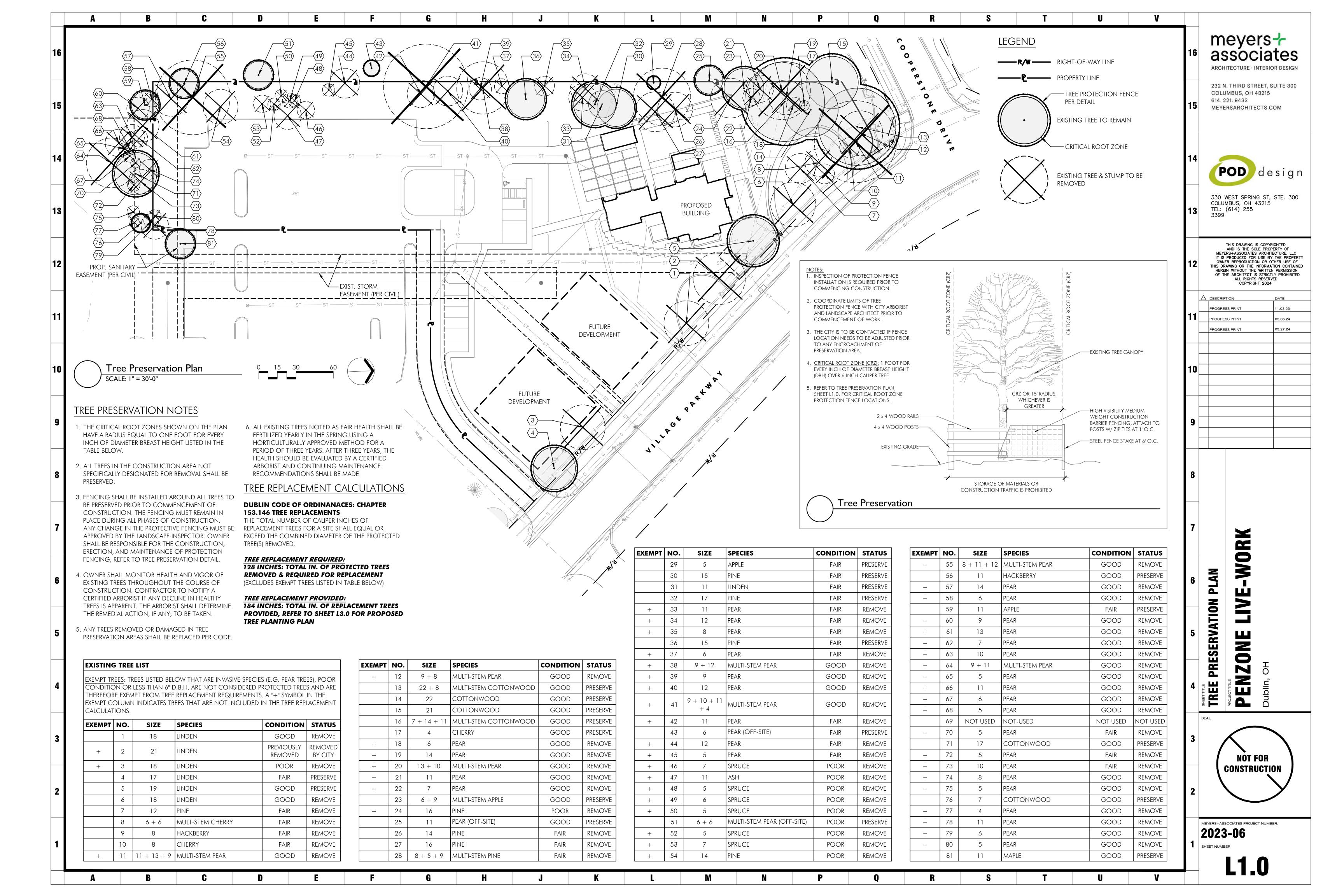
1 inch = 60 feet

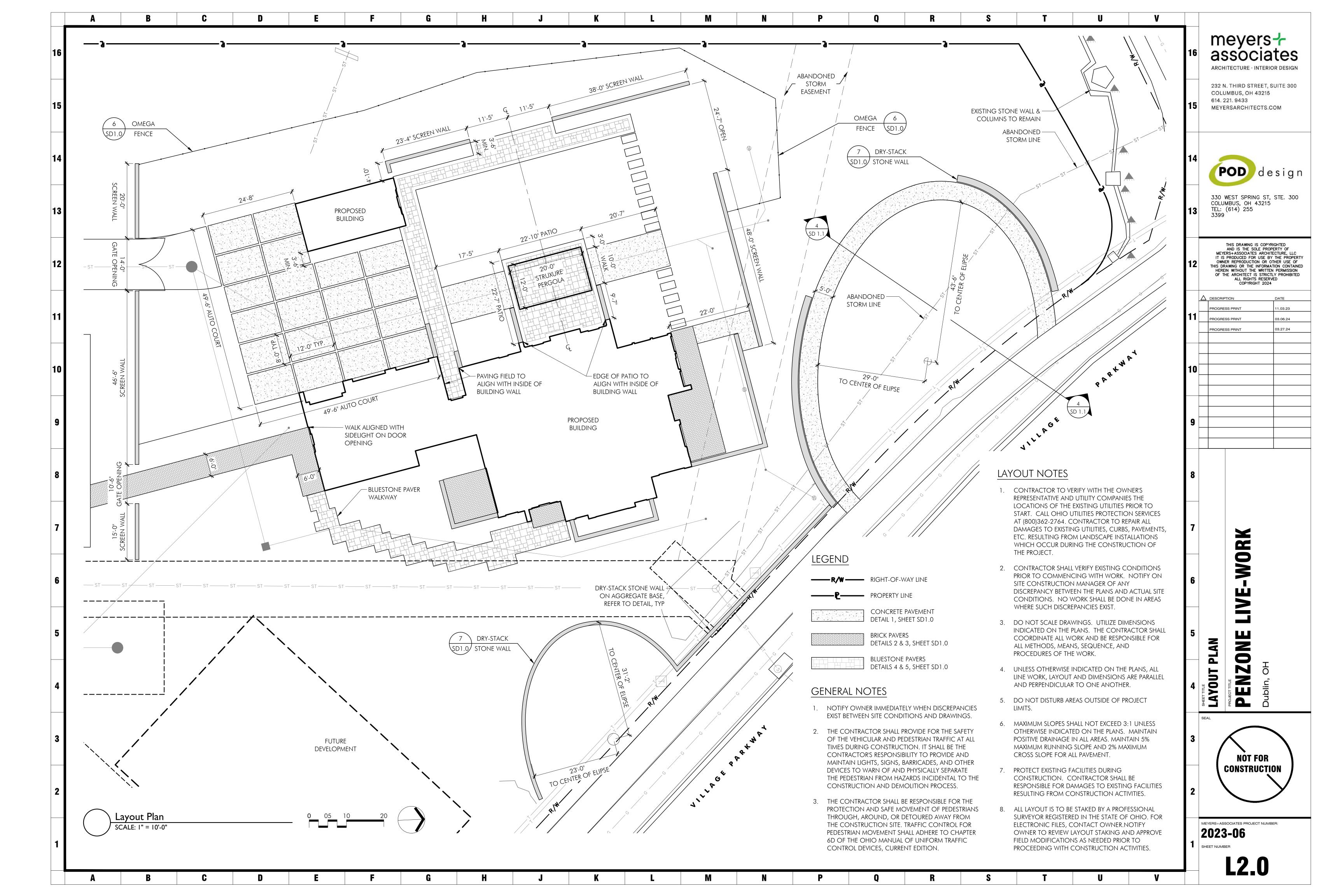


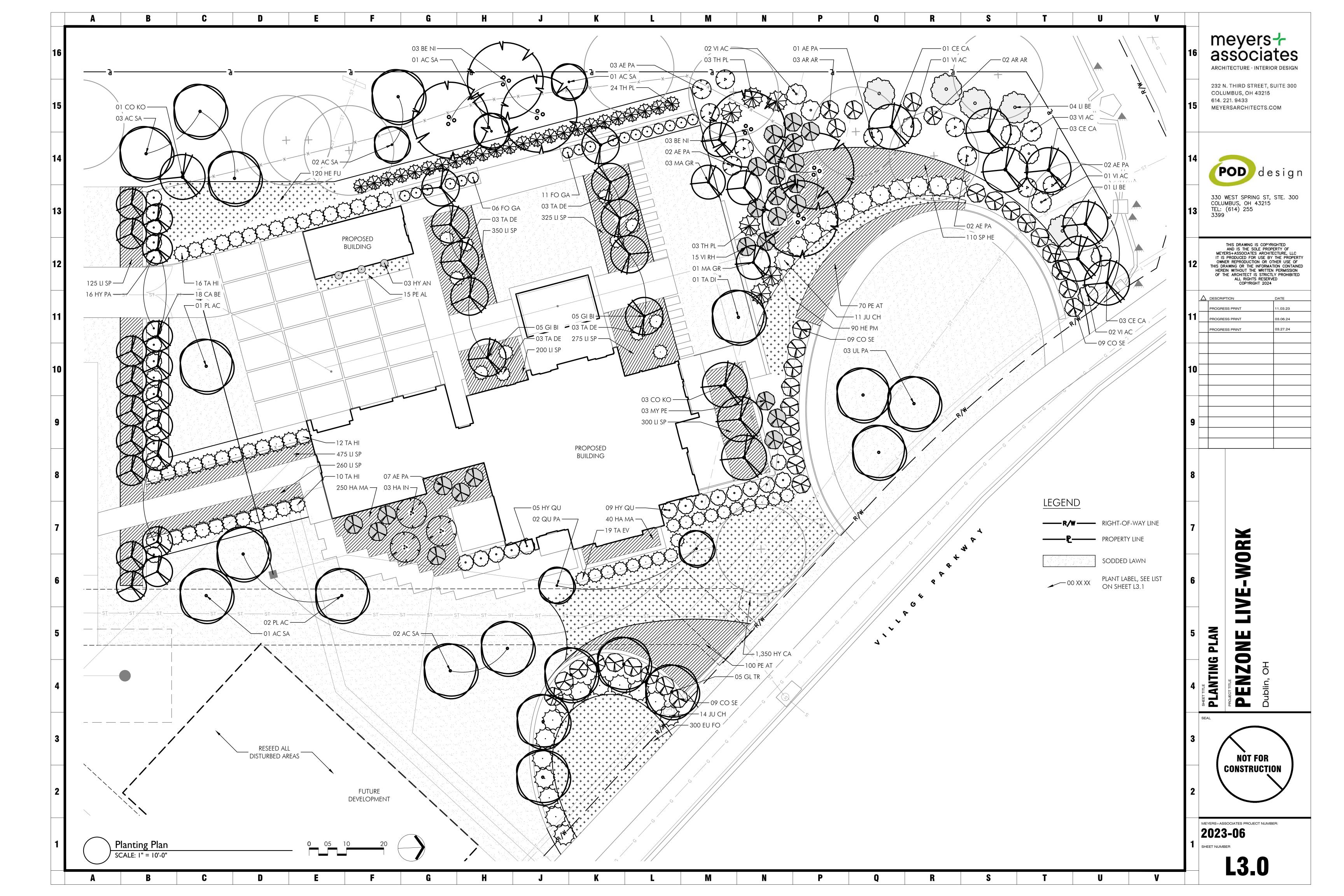
Penzone Live-Work

Landscape

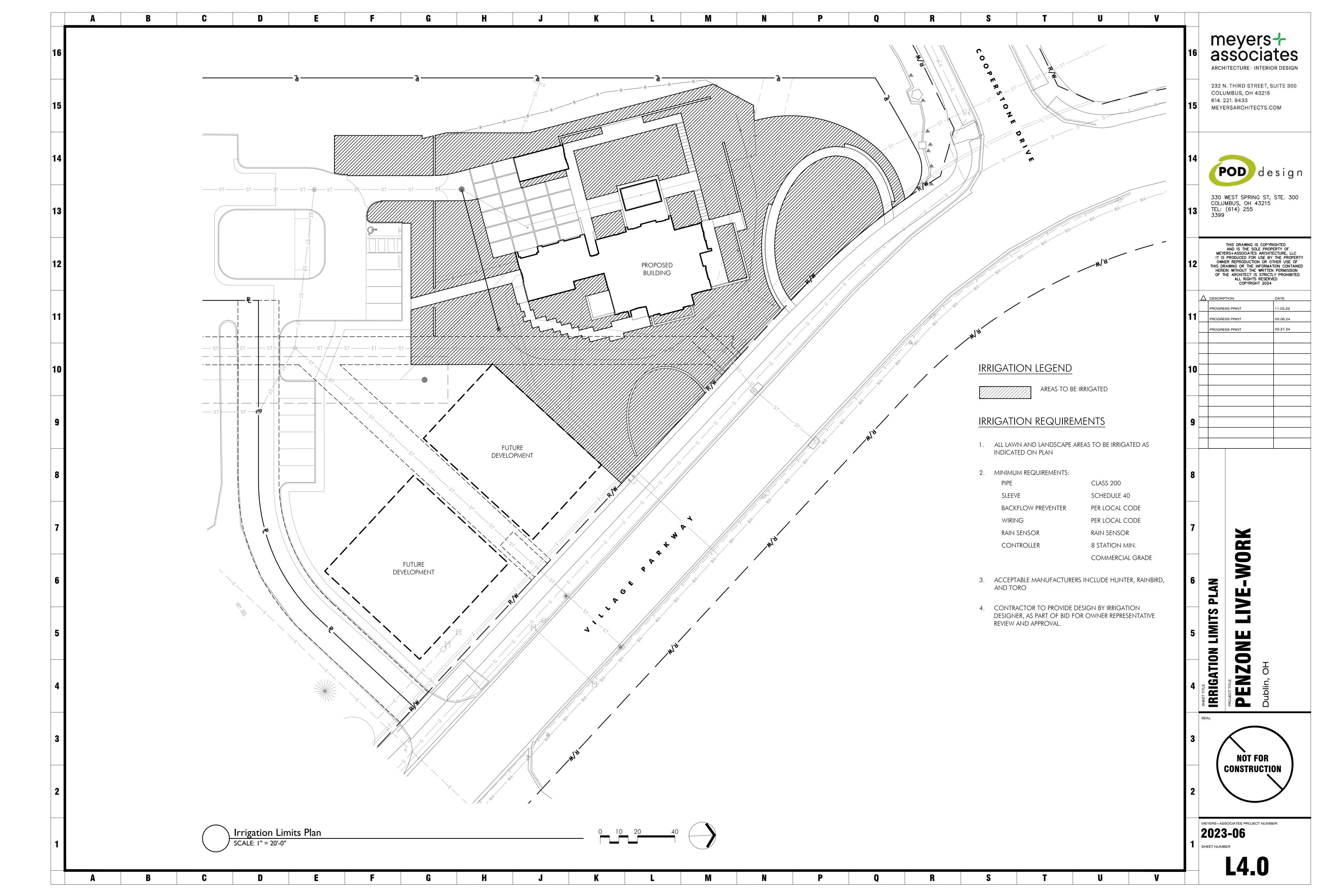


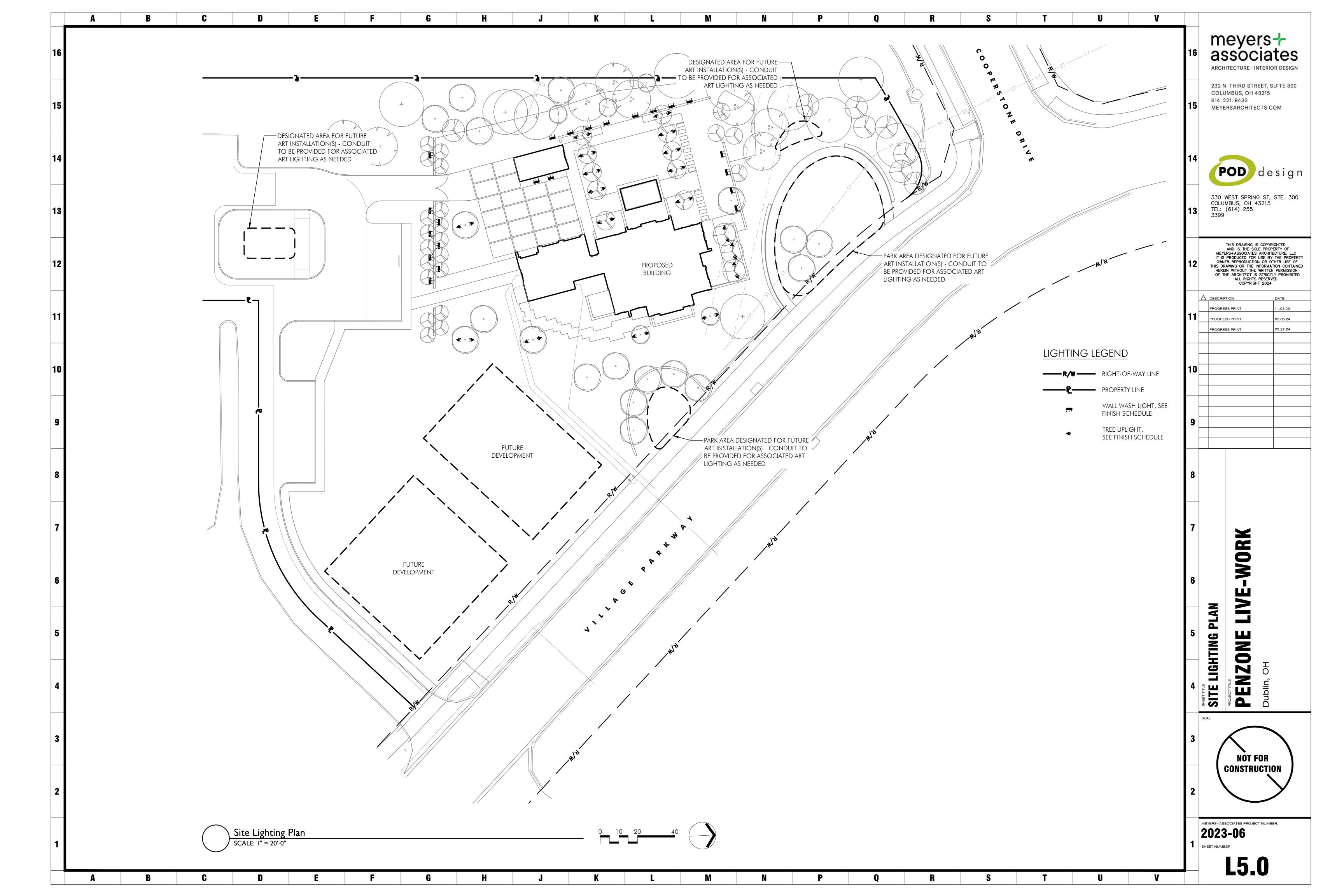


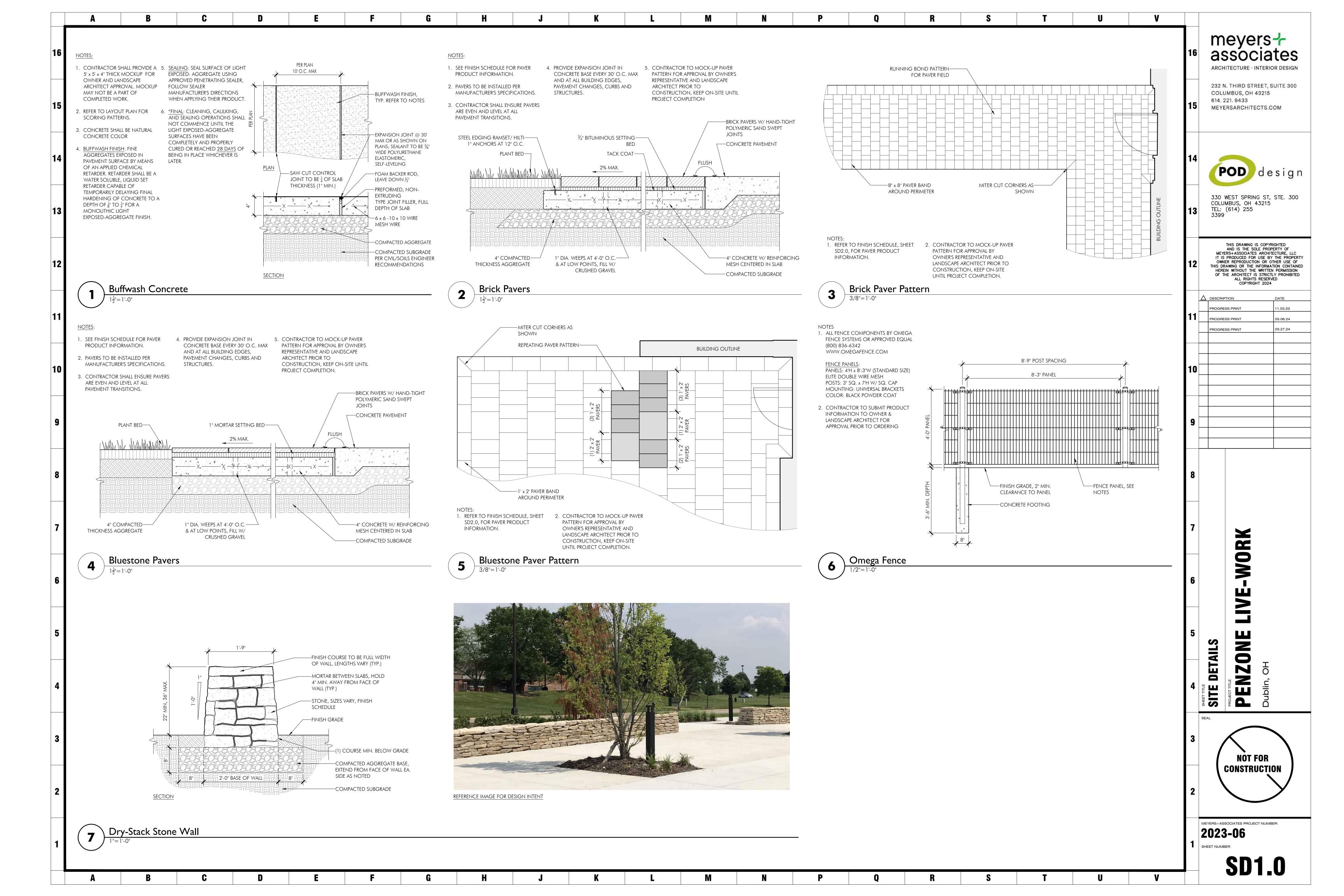


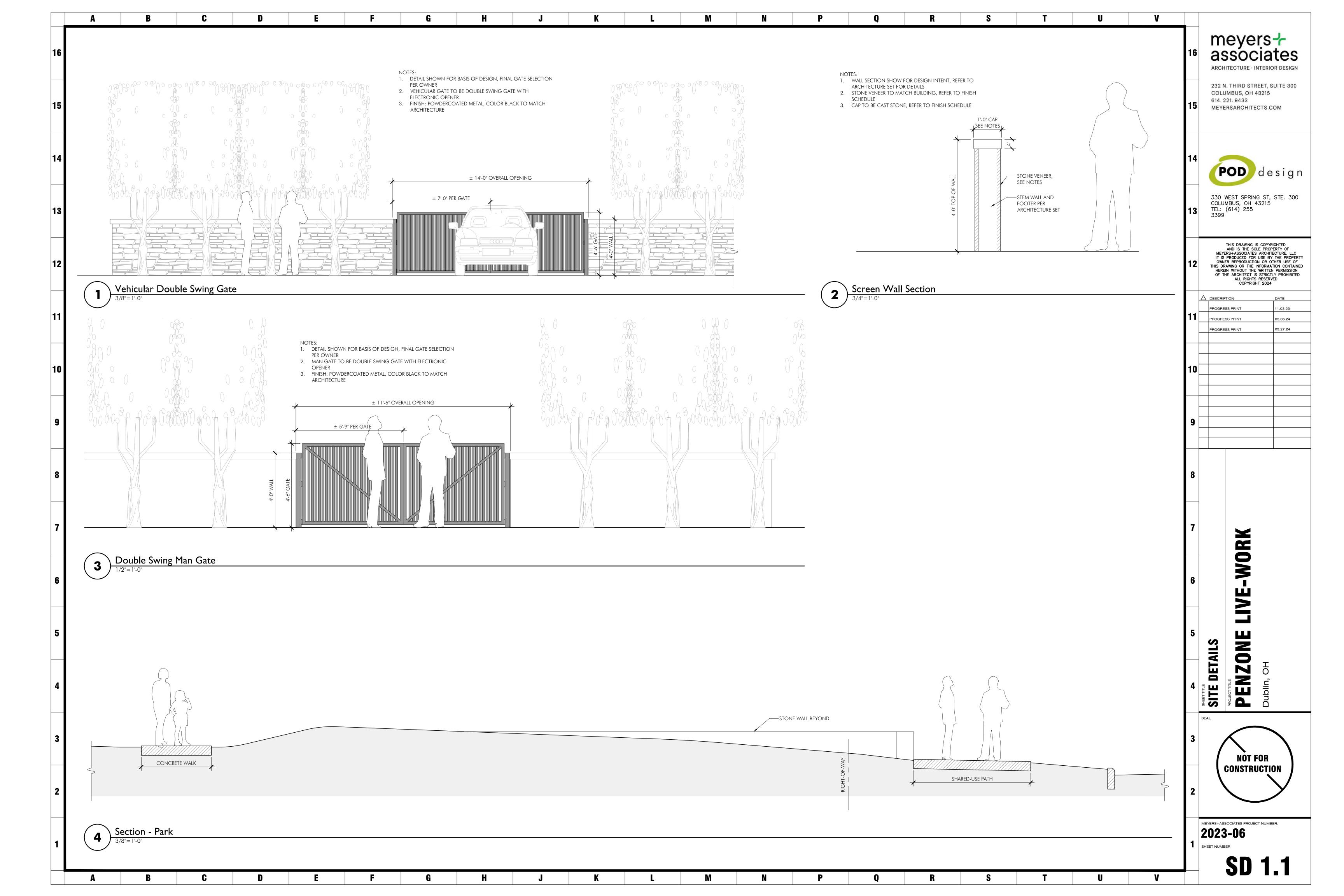


A	B C D	E F	G	H J	K L	M	N	P Q		R S T	U	V	
16				PLANT INSTALLATION	on notes				PLANT	LIST			meyers+ associates
15				COMPANIES THE LOCA PRIOR TO STARTING W PROTECTION SERVICE A REPAIR ALL DAMAGES T	VERIFY WITH THE OWNER AND UTILITY ATIONS OF THE EXISTING UTILITIES ORK. CALL THE OHIO UTILITIES AT (800) 362-2764. CONTRACTOR TO TO EXISTING UTILITIES, CURBS,	APPROVED BY TH PRIOR TO ANY AC AND HANDLED C TRANSPORT & HA	S AND PLANT CHANG OWNER AND LANDSC FION TAKEN. TREES SH REFULLY AT ALL TIMES IDLING TO PREVENT D	CAPE ARCHITECT IALL BE PROTECTED DURING PRYING OF TREE OR	SYMBOL DECIDUOL AC SA	BOTANICAL & COMMON NAMES JS TREES Acer saccharum 'Commemoration' Commemoration Sugar Maple	SIZE COND. 3" CAL. B&B	REMARKS	ARCHITECTURE · INTERIOR DESIGN 232 N. THIRD STREET, SUITE 300 COLUMBUS, OH 43215 614. 221. 9433 MEYERSARCHITECTS.COM
				INSTALLATIONS WHICH CONSTRUCTION OF TI 2. PLANT MATERIAL SHALL AND/OR SPACING AS S	HE PROJECT. BE FURNISHED IN THE QUANTITIES SHOWN OR NOTED. IN CASE OF	BREAKAGE OF TH FROM BRUISING (10. WATER TREES IMA CONTINUE TO W	EDIATELY AFTER PLANT TER BY MEANS OF TEM	ALL BE PROTECTED ING AND MPORARY	BE NI CA BE GI BI	Betula nigra 'Heritage' Heritage River Birch Carpinus betulus European Hornbeam Gingko biloba 'Princeton Sentry'	14' HT. B&B 3" CAL. B&B 3" CAL. B&B	MULTI-STEM, 4" CAL. TOTAL	
14				THE PLAN SHALL DICTA 3. CONTRACTOR SHALL V	EEN THE PLAN AND THE PLANT LIST, TE. VERIFY SIZES AND LOCATIONS OF ALL IMEDIATELY INFORM THE OWNER	trees and keep i	IGATION DEVICE (GAT LLED UNTIL IRRIGATIO PTANCE BY OWNER. S AND BEDS SHALL BE L	N IS ACTIVE OR	GL TR	Princeton Sentry Gingko Gleditsia triacanthos 'Skycole' Skyline Honey Locust Plantanus x acerfolia 'Morton Circle'	3" CAL. B&B		POD design
13				BETWEEN THE DRAWIN ACTUAL CONDITIONS.	ARCHITECT OF ANY DISCREPANCY GS AND/OR SPECIFICATIONS AND NO WORK SHALL BE DONE IN ANY A DISCREPANCY WITHOUT OWNER'S	ARCHITECT PRIOR	D APPROVED BY OWN TO PLANT INSTALLATION FROM BASE OF PLAN ATED ON THE DRAWIN	on. It material unless	PL AC QU PA TA DI	Exclamation London Planetree Quercus palustris 'Green Pillar' Green Pillar Pin Oak Taxodium distichum	3" CAL. B&B 3" CAL. B&B 3" CAL. B&B		330 WEST SPRING ST, STE. 300 COLUMBUS, OH 43215 TEL: (614) 255 3399
12				layout and staking		MULCH. SÚBMIT S	MINIMUM SHREDDED AMPLE TO OWNER FO	HARDWOOD R APPROVAL.	UL PA ORNAMEN	Bald Cypress Ulmus parvifolia Chinese Elm TAL TREES	3" CAL. B&B		THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF MEYERS+ASSOCIATES ARCHITECTURE, LLC IT IS PRODUCED FOR USE BY THE PROPERTY OWNER REPRODUCTION OR OTHER USE OF THIS DRAWING OR THE INFORMATION CONTAINED HEREIN WITHOUT THE WRITTEN PERMISSION
				GRADING IN THE PROJ PROPER SOD AND PLAN			IOTED .	I TOP OF ADJACENT	CE CA CO KO	Cercis canadensis Eastern Redbud Cornus Kousa Kousa Dogwood	2" CAL. B&B 2" CAL. B&B		OWNER REPRODUCTION OR OTHER USE OF THIS DRAWING OR THE INFORMATION CONTAINED HEREIN WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT IS STRICTLY PROHIBITED ALL RIGHTS RESERVED COPYRIGHT 2024 DESCRIPTION DATE PROGRESS PRINT 11.03.23
11				AMENDMENTS: SOIL AMENDMENT 'COM-TIL' ORGANI 7000 STATE ROUTE	IC COMPOST (OR EQUAL) E 104	FROM DATE OF F	OVERS FOR A PERIOD (NAL ACCEPTANCE. RE	DF ONE (1) YEAR PLACE MATERIAL	MA GR SHRUBS AE PA	Magnolia grandiflora 'Brackens Brown Beauty' Bracken's Brown Beauty Southern Magnolia Aesculus parviflora	1 1(1' H 1 1 D 2 D 1	MULTI-STEM, 3" CAL. TOTAL	PROGRESS PRINT 03.06.24 PROGRESS PRINT 03.27.24
10					RNE, OHIO 43137 M-TIL' OVER NEW LANDSCAPE AREAS TE INTO THE TOP 8" OF THE SOIL BY	17. PERFORM CLEANI WORK AND UPOI EXCESS LANDSCA	DAYS OF NOTIFICATION IG DURING INSTALLAT COMPLETION. REMO E RELATED MATERIAL, S R DAMAGE RESULTING	ION OF LANDSCAPE VE FROM SITE ALL SOIL DEBRIS AND	AR AR CO SE	Bottlebrush Buckeye Aronia arbutifolia Red Chokeberry Cornus sericea 'Bailei' Redosier Dogwood		as shown	10
9				MECHANICAL TILLE TREES AND SHRUBS: MIX 30% 'COM-TIL'		LANDSCAPING O PAVED SURFACES COORDINATE WI	ERATIONS. SWEEP AND AFFECTED BY LANDSCA H OWNER AND OTHEI JP PRIOR TO CLEANING	D HOSE DOWN APING OPERATIONS. R CONTRACTORS	FO GA HA IN	Fothergilla gardenii Dwarf Fothergilla Hamamelis x intermedia 'Arnold Promise' Arnold Promise Witchhazel	18" HT. CONT. 36" HT. B&B	AS SHOWN AS SHOWN	9
				SUPPLEMENT WITH	I IMPORTED TOPSOIL. D MEET OR EXCEED THE CURRENT	Systems until ti	HE LANDSCAPE CONTR IMPLETED LANDSCAPE E DATE OF FINAL ACC MINIMUM ONCE PER V	AND IRRIGATION EPTANCE.	HY AN	Hydrangea anomala ssp. petiolaris Climbing Hydrangea Hydrangea paniculata 'ILVOBO' Bobo Hydrangea	#2 CONT. 24" HT. CONT.	AS SHOWN AS SHOWN	
8				AMERICAN STANDARD Z60.1-2014, AS SET FC NURSERYMEN	FOR NURSERY STOCK, ANSI DRTH BY AMERICAN ASSOCIATION OF SUBJECT TO INSPECTION PRIOR,	B. TRIMMING MINIMUM T	SHRUBS, TREES, AND O VO TIMES PER YEAR OI - APPLY FERTILIZER AT A	GROUND COVERS R AS REQUIRED.	HY QU JU CH	Hydrangea quercifolia 'Ruby Slippers' Ruby Slippers Oakleaf Hydrangea Juniperus chinensis 'Nick's Compact' Nick's Compact Juniper	24" HT. CONT. 24" HT. CONT.		8
7				MEETING THE REQUIRE REJECTION BY THE OW IMMEDIATELY REMOVED CONTRACTOR AND TH	STALLATION. ANY PLANT NOT EMENTS WILL BE CAUSE FOR VNER. ALL REJECTED PLANTS SHALL BE D AND DISPOSED OF BY THE HE REPLACEMENT MATERIAL SHALL BE	AND FALL T D. BED EDGIN LEAST TWO	AL NITROGEN/1000 S D ALL TURF AND PLANT G - EDGE ALL BEDS BY F TIMES PER YEAR AND TO	TINGS. HAND, SPADE AT OP-MULCH WITH	LI BE MY PE	Lindera benzoin Spicebush Myrica pensylvanica Northern Bayberry Thuis alients IC son Cinat	30" HT. B&B 30" HT. B&B	AS SHOWN AS SHOWN	7
6				PROVIDED.		DRESS WOO	D MULCH IN FALL AND) SPRING.	TH PL TA DE	Thuja plicata 'Green Giant' Green Giant Arborvitae Taxus x media 'Densiformis' Dense Yew Taxus x media 'Everlow'	6' HT. B&B 24" HT. CONT.		
									TA EV TA HI VI AC	Everlow Yew Taxus x media 'Hicksii' Hicks Yew Viburnum acerifolium	18" HT. CONT. 36" HT. CONT.	as shown	
5									VI RH	Mapleleaf Viburnum Viburnum rhytidophyllum Leatherleaf Viburnum S/ ORNAMENTAL GRASSES/ GROUNDCOVER	36" HT. CONT.		
4									EU FO HA MA	Euonymus fortunei 'Colorata' Purpleleaf Wintercreeper Hakonechloa macra 'All Gold' All Gold Japanese Forest Grass	#1 CONT. #1 CONT.	18" O.C.	PLANT PROJECT TITLE PROJECT TITLE Dublin, O
3									HE FU HE PM	Hemercallis fulva Tawny Daylily Hemercallis 'Pardon Me' Pardon Me Daylily Hypericum calvoinum	#1 CONT. #1 CONT.	24" O.C. 24" O.C.	3 SEAL
										Hypericum calycinum St. John's Wort Groundcover Liriope spicata Creeping Lily Turf Pennisetum alopecuroides	6" HT. CONT. #1 CONT.	12" O.C.	NOT FOR CONSTRUCTION
									PE AL PE AT SP HE	Fountain Grass Perovskia atriplicifolia 'Little Spire' Little Spire Russian Sage Sporobolus heterolepis	#2 CONT. #1 CONT. #1 CONT.	30" O.C. 24" O.C. 24" O.C.	MEYERS+ASSOCIATES PROJECT NUMBER:
1									*PLANT SUBSTI	Prairie Dropseed TUTIONS MAY BE REQUIRED DEPENDING ON PLANT AVAILAI RCHITECT AND SHALL MEET MINIMUM CODE REQUIREMENT:	BILITY. ANY SUBSTITUTIONS MU		2023-06 sheet Number L3.1
A	B C D	E F	G	H J	K	M	N	P Q		R S T	U	V	















Penzone Live-Work

6671 Village Parkway Dublin, Ohio

Preliminary Development Plan

Owners

Charles & Debbie Penzone

Penzone Salons 6671 Village Parkway Dublin, Ohio 43017 t. 614.898.1169

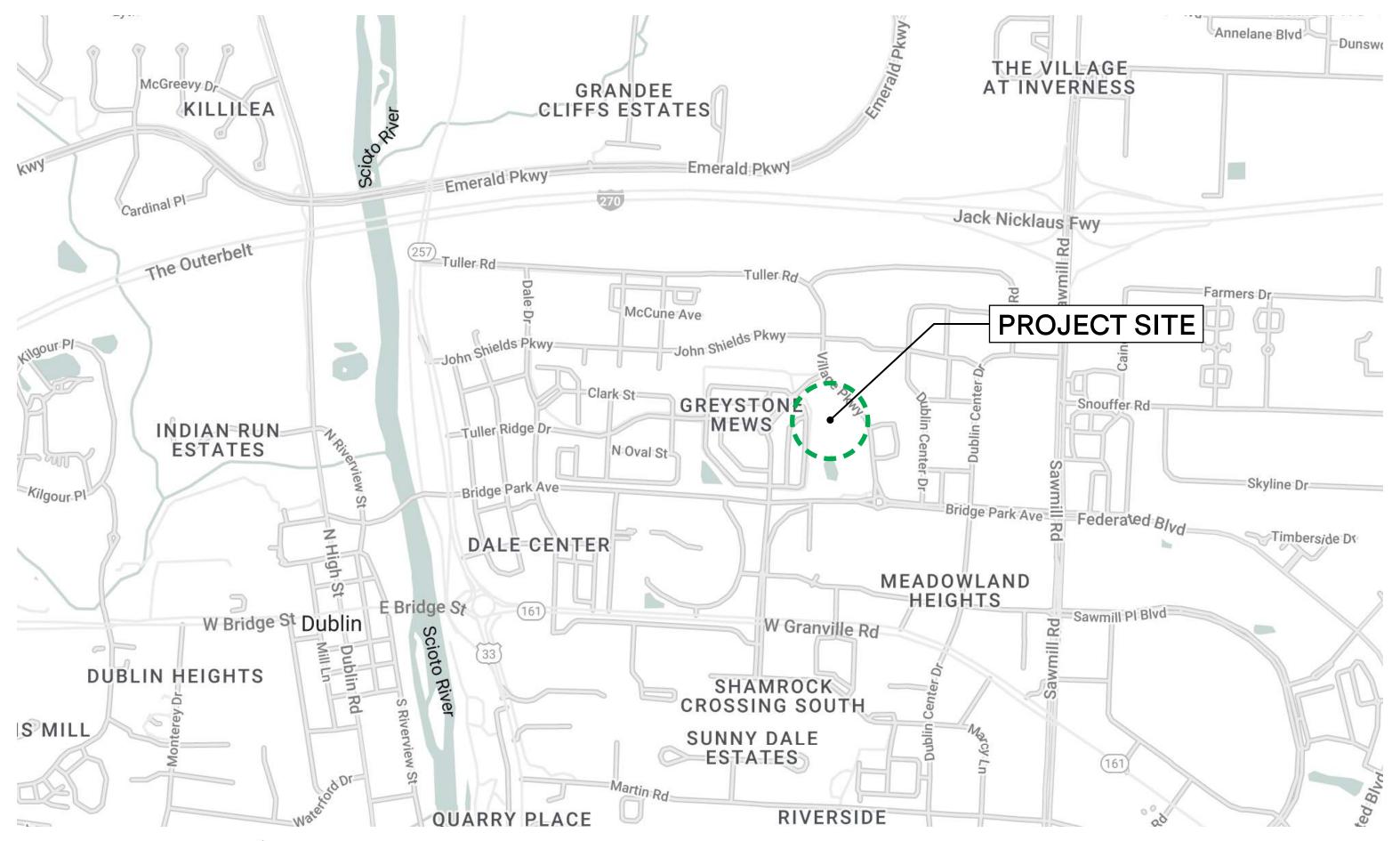
Project Representative

Christopher Meyers, AIA LEED AP Principal Architect

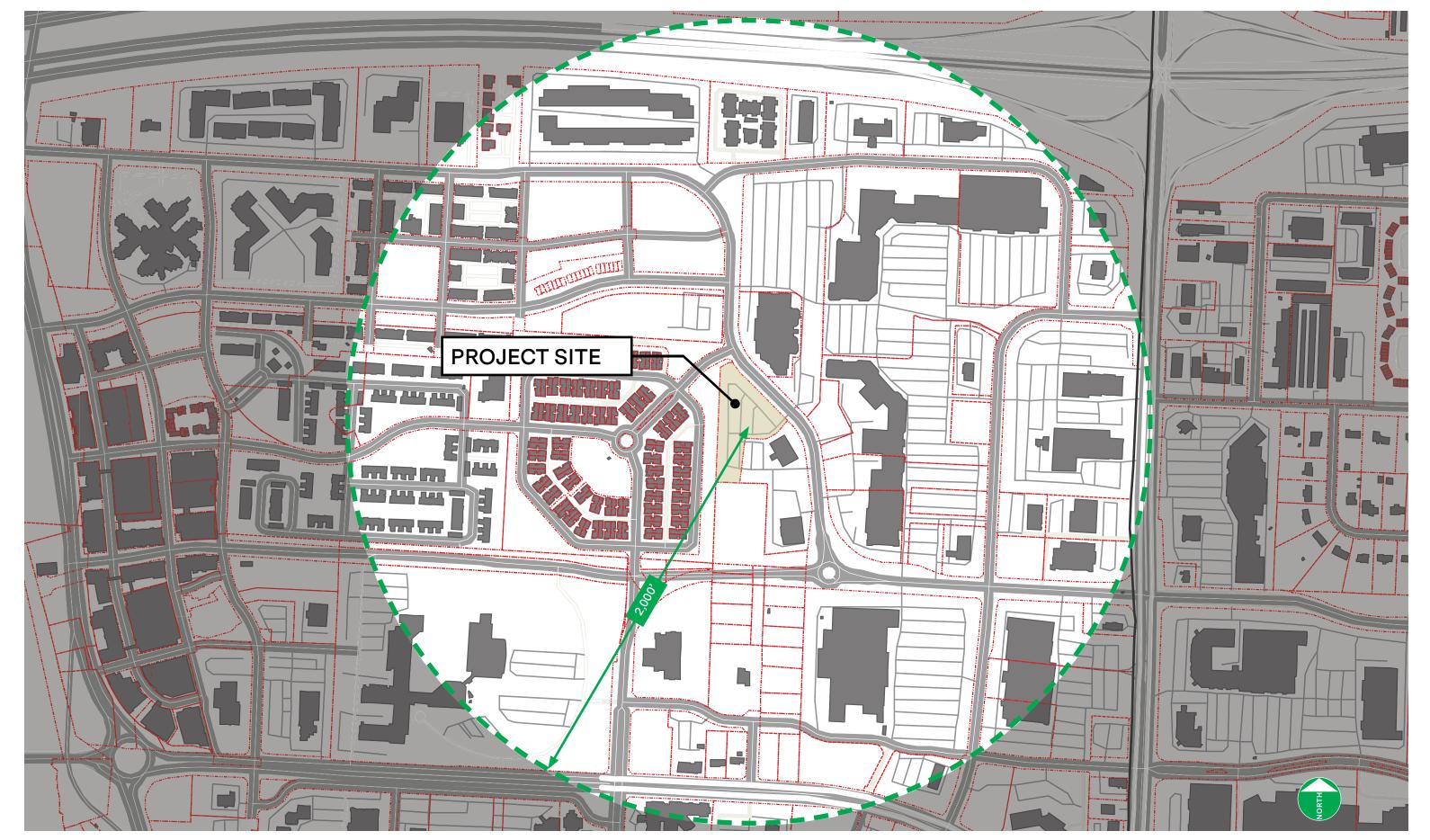
Meyers+Associates 232 N. Third St., Suite 300 Columbus, Ohio 43215 t. 614.221.9433 e. cmeyers@meyersarchitects.com



Penzone Live-Work
Vicinity and
Context



NTS







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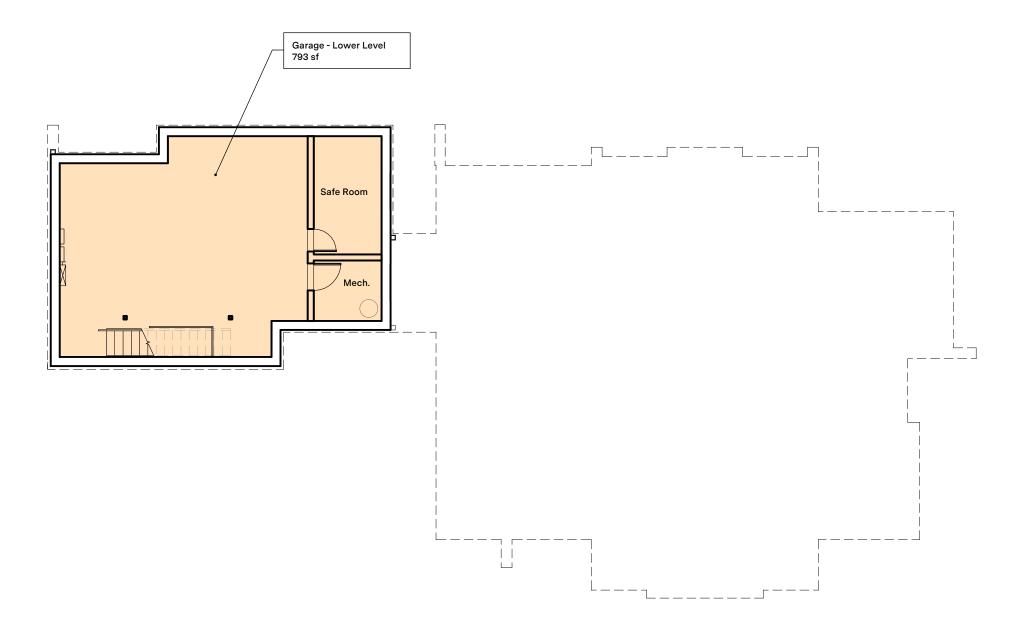
Penzone Live-Work Architecture

LIVE

WORK

GALLERY / GARAGE

STORAGE



Scale: 3/32" = 1'-0"

Live-Work Unit:

Per OBC 2024 Section 508.5

Limitations

I. Limited to 3,000 sf

<u>Actual</u> 2,945 sf

39%

II. Nonresidential use 50% max. III. Nonresidential limited to first floor

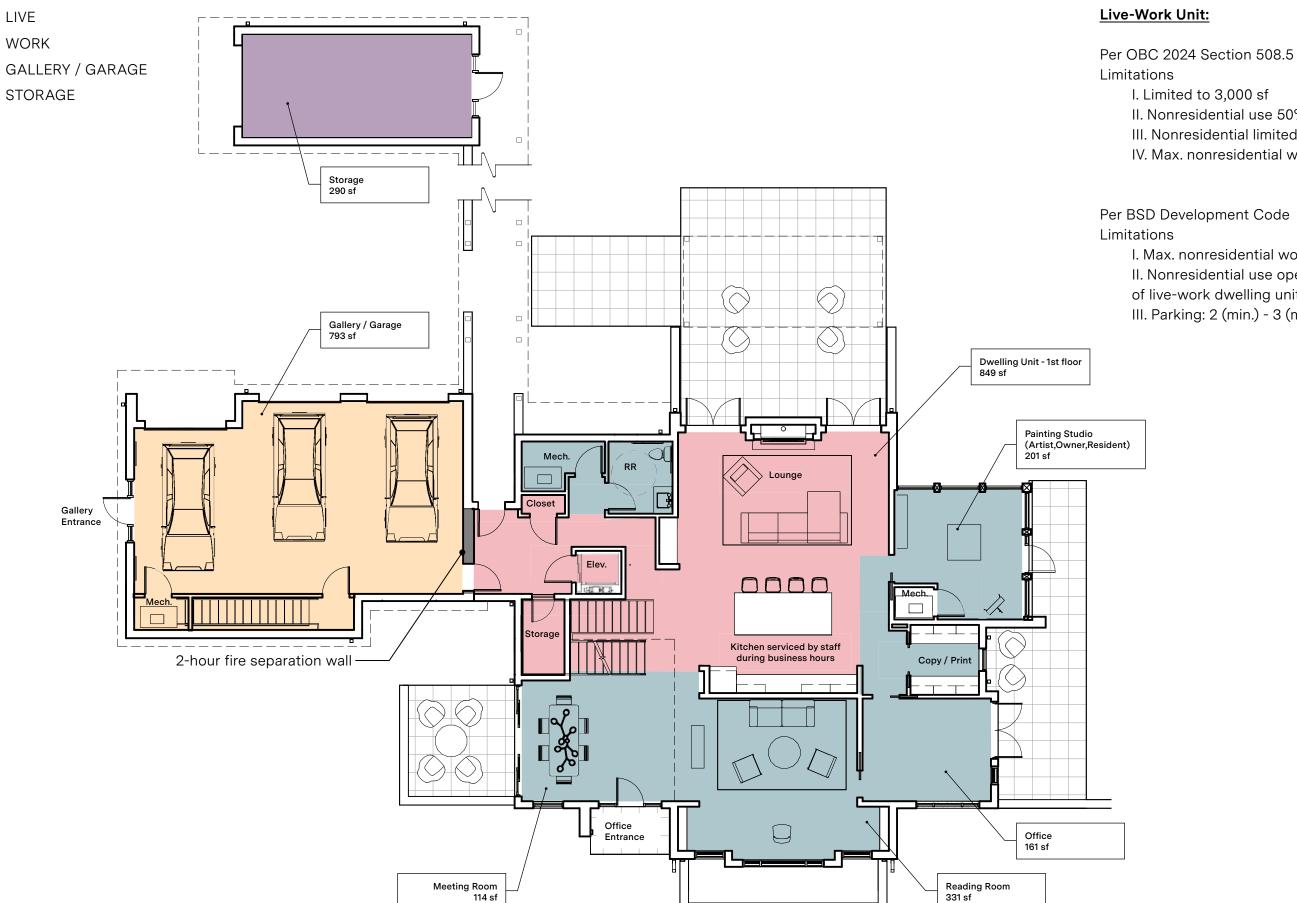
IV. Max. nonresidential worker occ. of 5

Per BSD Development Code Limitations

- I. Max. nonresidential worker occ. of 2
- II. Nonresidential use operated by resident of live-work dwelling unit.
- III. Parking: 2 (min.) 3 (max.) per dwelling unit









LIVE





<u>Actual</u> 2,945 sf

I. Limited to 3,000 sf

39%

II. Nonresidential use 50% max.

III. Nonresidential limited to first floor

IV. Max. nonresidential worker occ. of 5

Per BSD Development Code Limitations

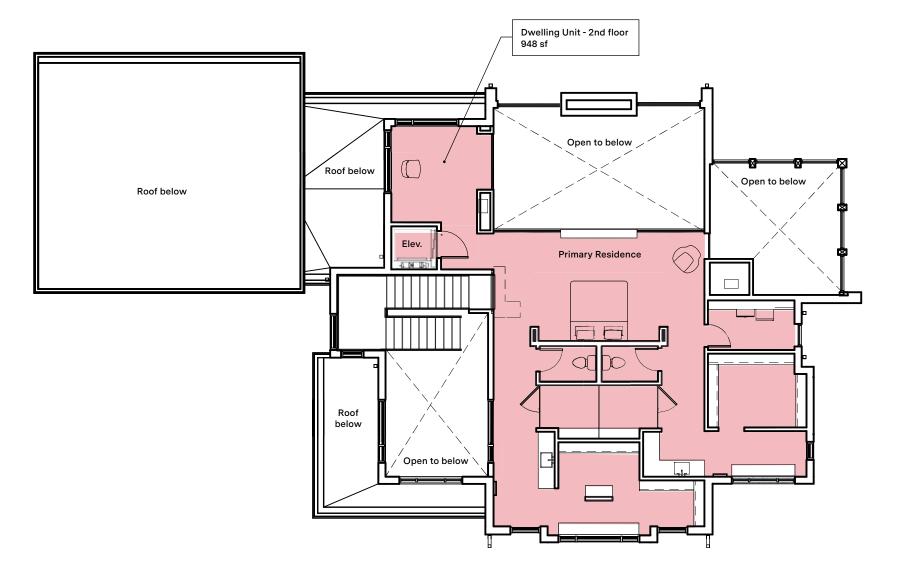
- I. Max. nonresidential worker occ. of 2
- II. Nonresidential use operated by resident
- of live-work dwelling unit.
- III. Parking: 2 (min.) 3 (max.) per dwelling unit

LIVE

WORK

GALLERY / GARAGE

STORAGE



Scale: 3/32" = 1'-0"

Live-Work Unit:

Per OBC 2024 Section 508.5 Limitations

<u>Actual</u>

I. Limited to 3,000 sf

2,945 sf 39%

II. Nonresidential use 50% max.

III. Nonresidential limited to first floor

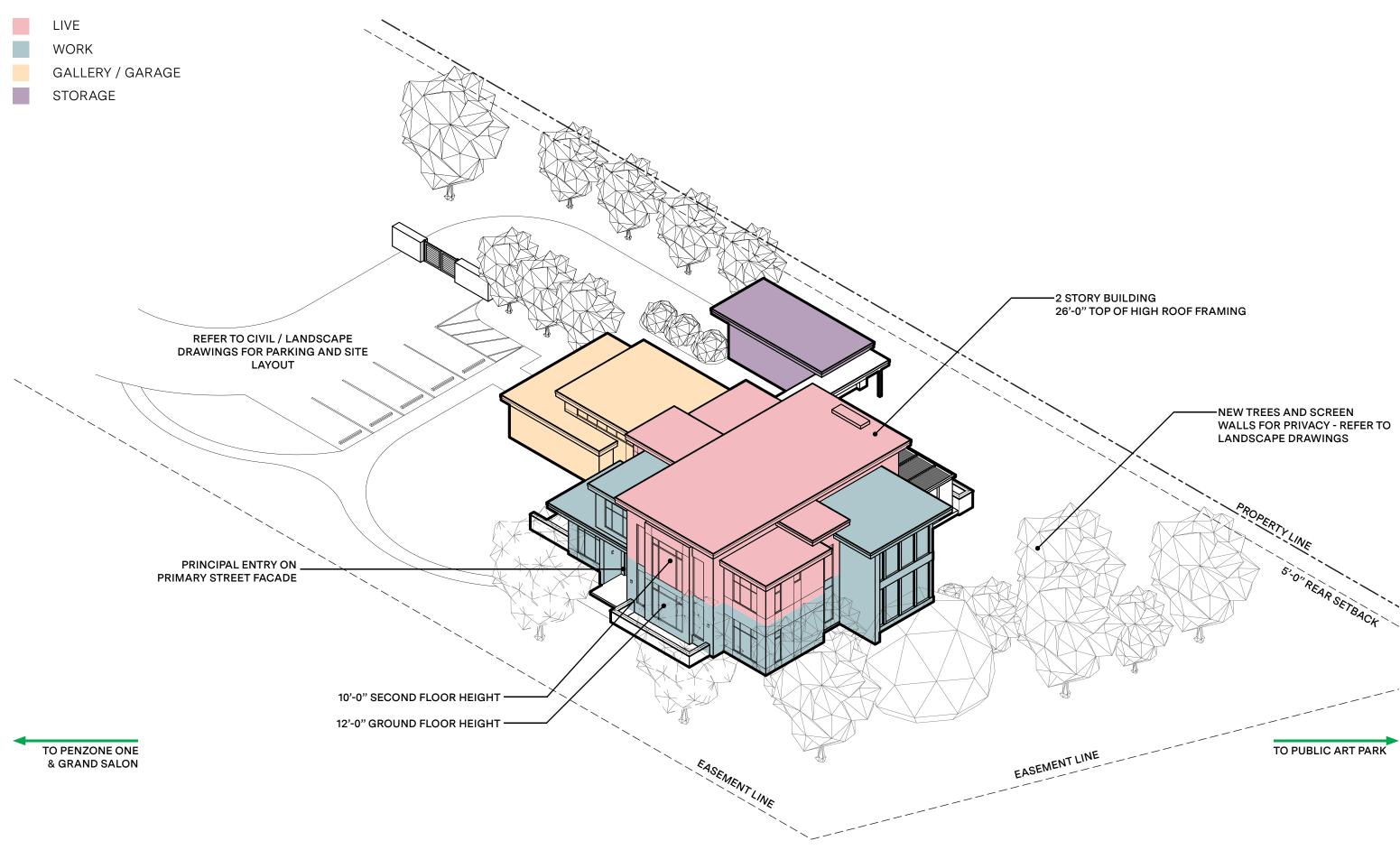
IV. Max. nonresidential worker occ. of 5

Per BSD Development Code Limitations

- I. Max. nonresidential worker occ. of 2
- II. Nonresidential use operated by resident of live-work dwelling unit.
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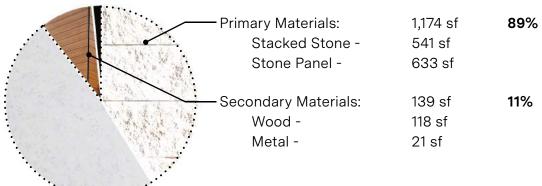












Ground Story Transparency: 62% Transparency Glass (Area) -200 sf Total (Area) -322 sf Full Facade Transparency: 45% Transparency

554 sf Glass (Area) -Total (Area) -1,238 sf



Metal

Manufacturer: DMI Product: DynaClad Color: Dark Bronze



Stacked Stone Veneer

Manufacturer: Eldorado Stone

Product: Vantage30 Color: White Elm



Wood Siding

Manufacturer: Trespa Product: Pura NFC

Color: Romantic Walnut



Engineered Stone Panel

Manufacturer: Petrarch

Product: Adhesive Secret Fixed System

Color: Alabaster Smooth



Exterior Wall Sconce

Manufacturer: Tech Lighting

Product: Aspen 26 Finish: Charcoal

Required Primary Materials:

80%

Required Transparency:

Scale: 3/32" = 1'-0"

60%

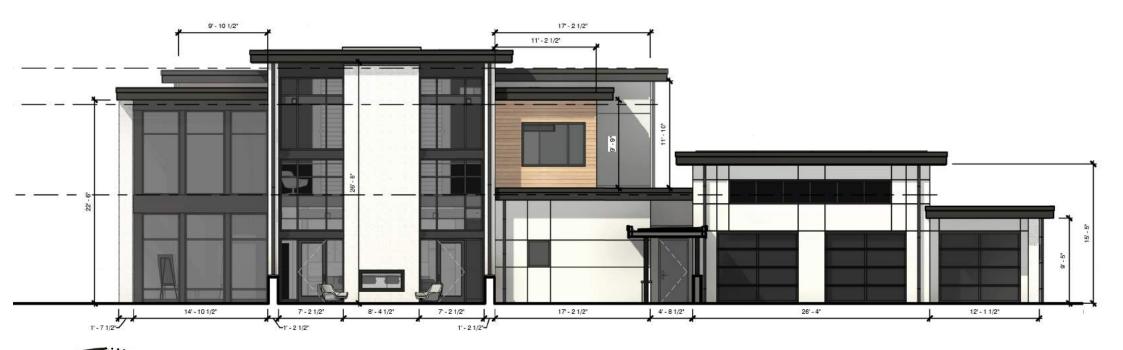
meyers+associates

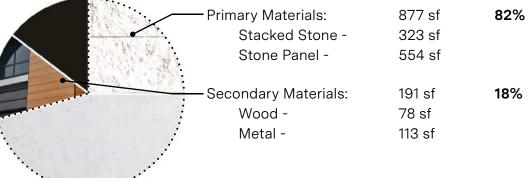




SOUTH ELEVATION CALCULATIONS







ADVANCED

Full Facade Transparency: Glass (Area) -Total (Area) -

48% Transparency 956 sf 1,986 sf



Metal

Manufacturer: DMI Product: DynaClad Color: Dark Bronze



Stacked Stone Veneer

Manufacturer: Eldorado Stone

Product: Vantage30 Color: White Elm



Wood Siding

Manufacturer: Trespa Product: Pura NFC Color: Romantic Walnut



Engineered Stone Panel

Manufacturer: Petrarch

Product: Adhesive Secret Fixed System

Color: Alabaster Smooth



Exterior Wall Sconce

Manufacturer: Tech Lighting

Product: Aspen 26 Finish: Charcoal

Required Primary Materials: 80%

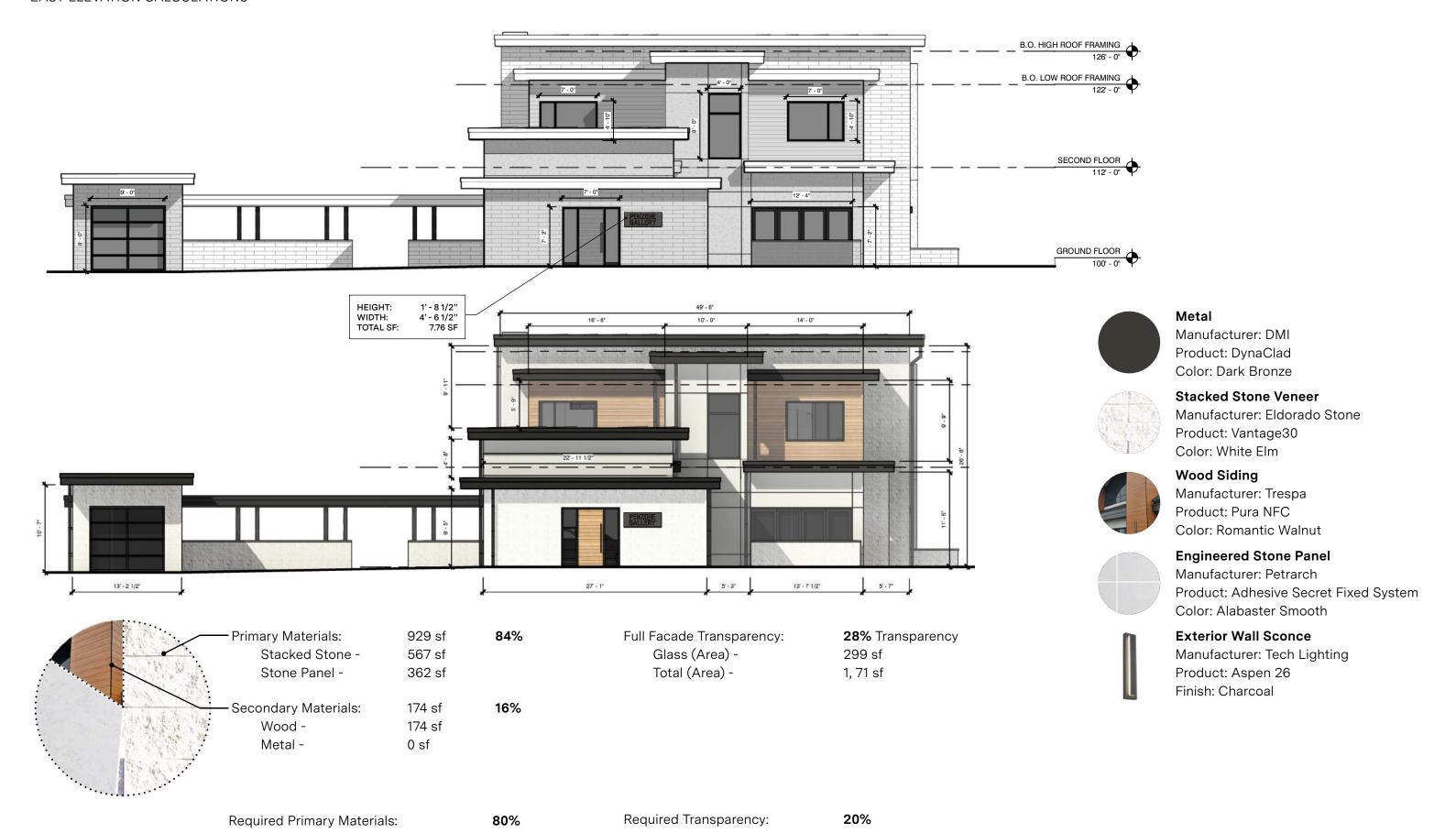
Required Transparency:

Scale: 3/32" = 1'-0"

20%







meyers+associates





Scale: 3/32" = 1'-0"





Metal

Manufacturer: DMI Product: DynaClad Color: Dark Bronze



Stacked Stone Veneer

Manufacturer: Eldorado Stone Product: Vantage30

Color: White Elm



Wood Siding

Manufacturer: Trespa Product: Pura NFC

Color: Romantic Walnut



Engineered Stone Panel

Manufacturer: Petrarch

Product: Adhesive Secret Fixed System

Color: Alabaster Smooth



Exterior Wall Sconce

Manufacturer: Tech Lighting

Product: Aspen 26 Finish: Charcoal

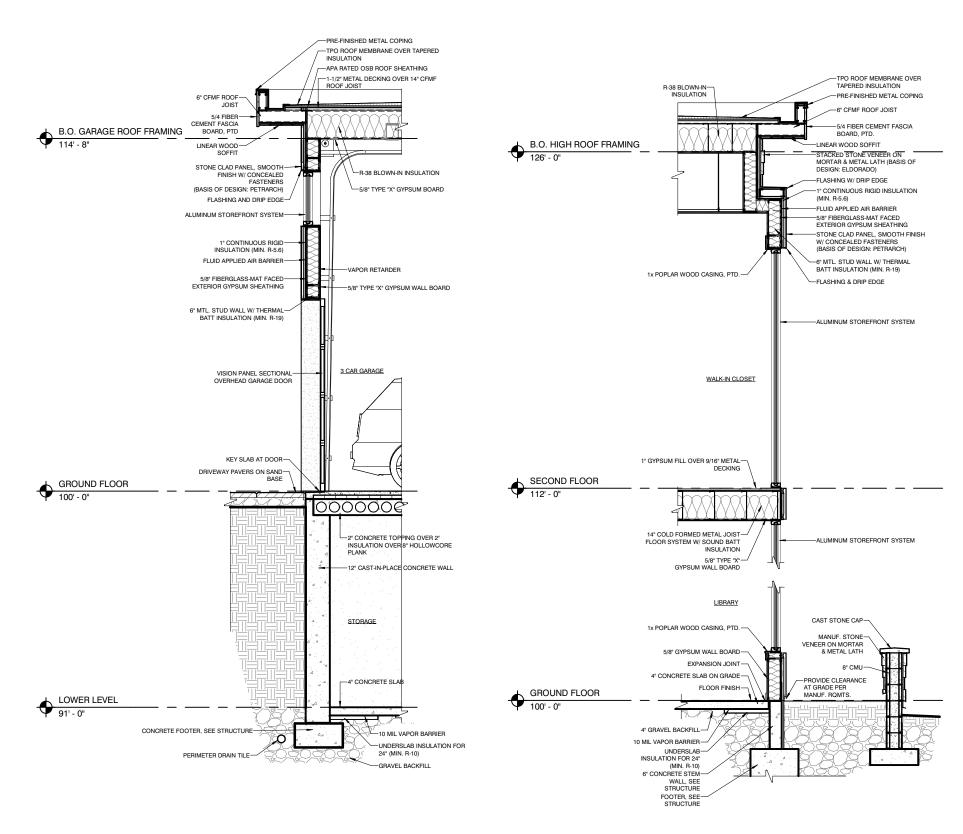
Required Transparency: **Required Primary Materials:** 80%





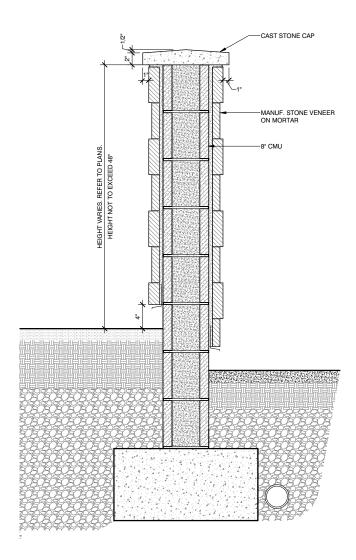


Scale: 3/32" = 1'-0"





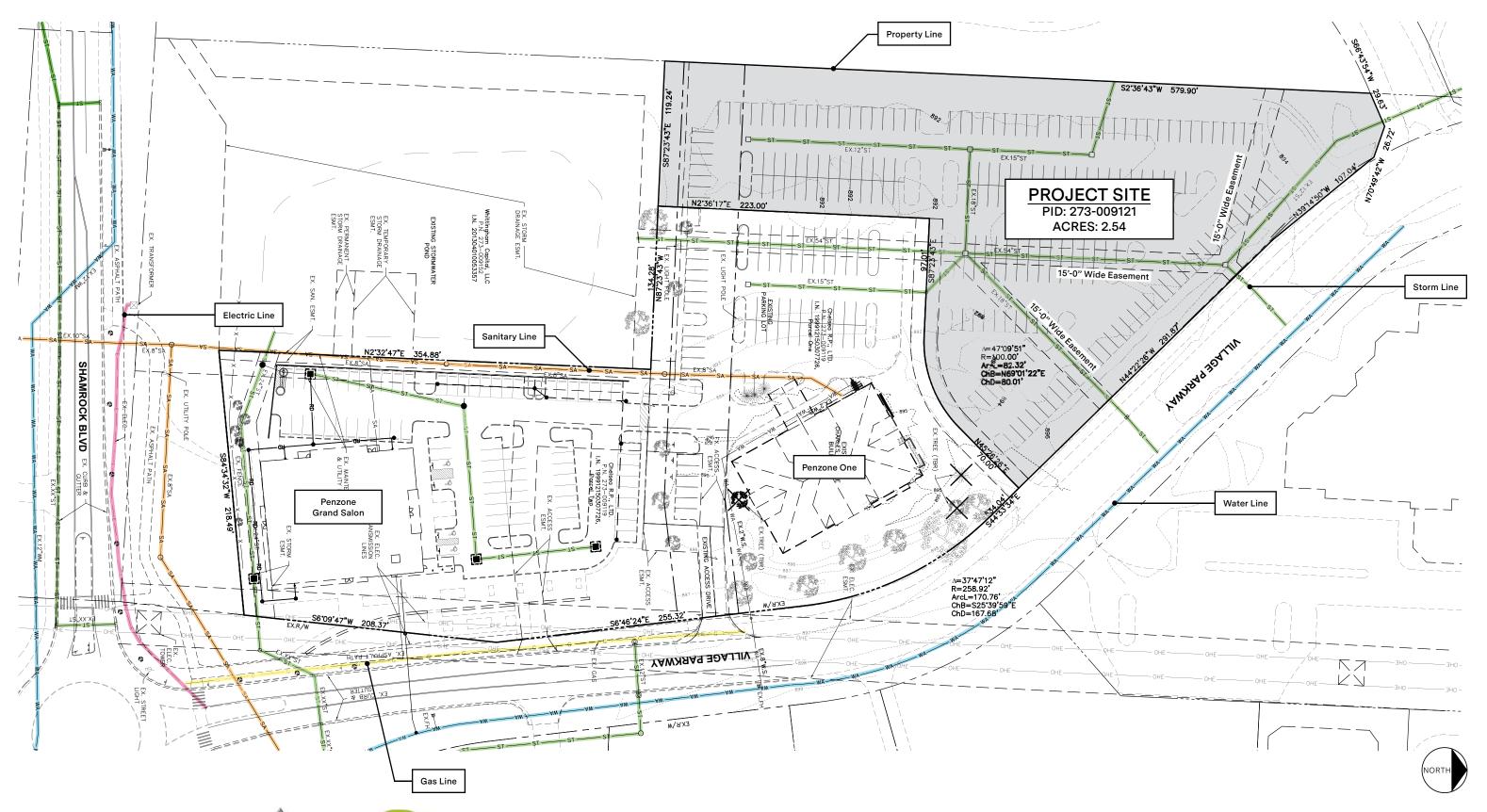




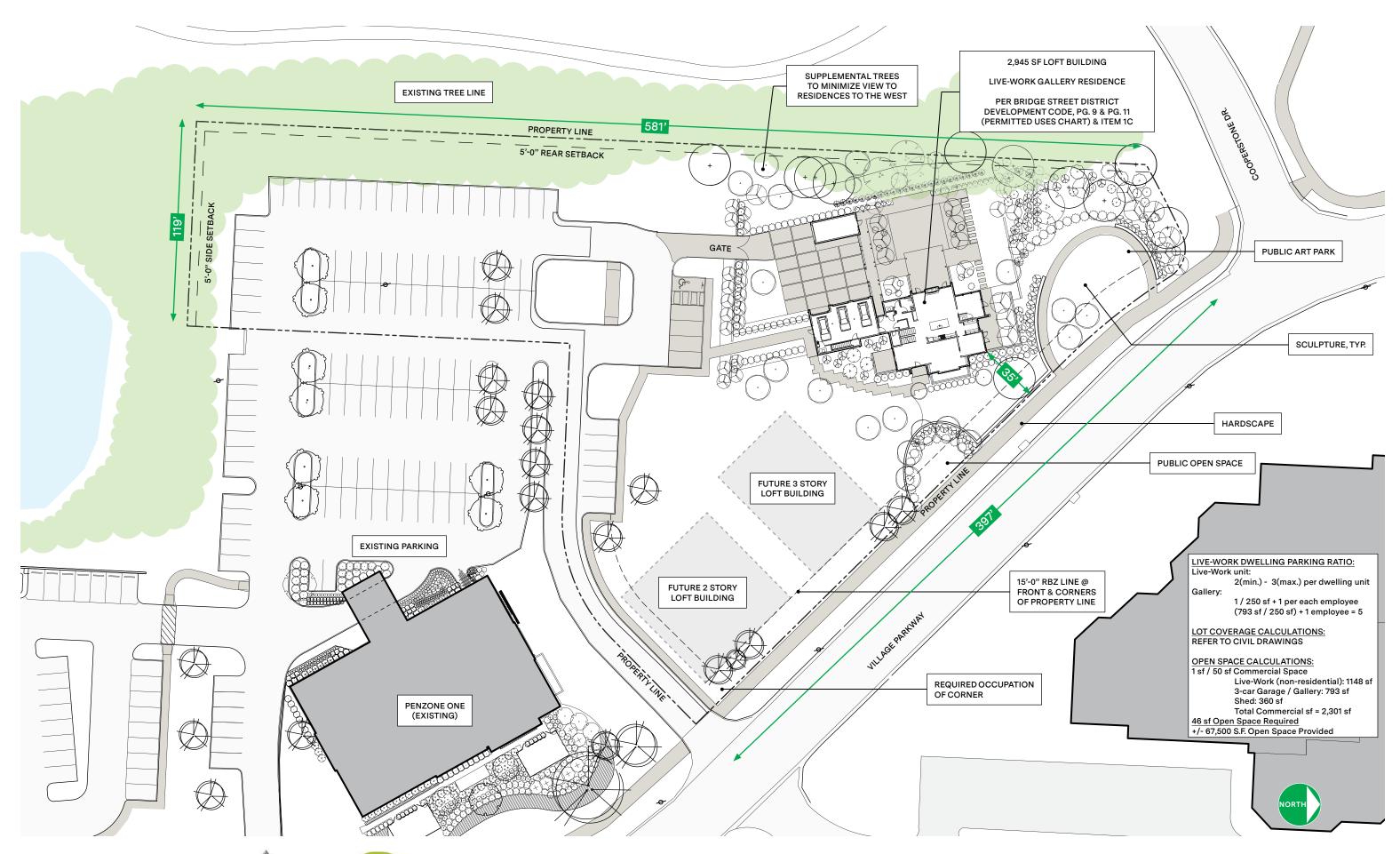
TYPICAL SCREEN WALL DETAIL Scale: 3/4" = 1'-0"







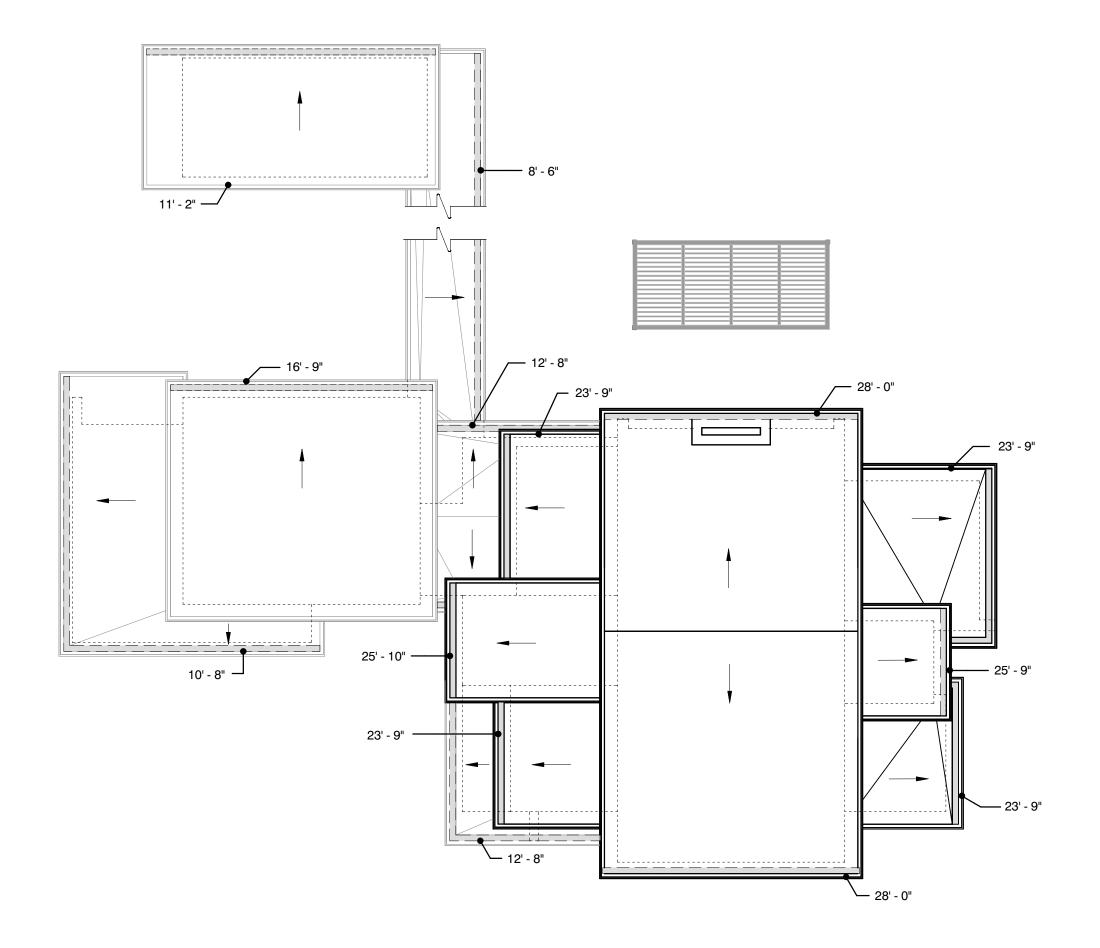
06



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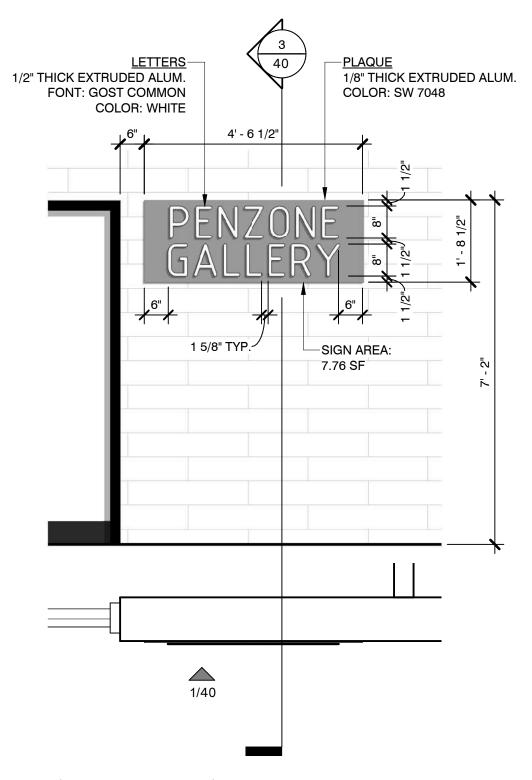


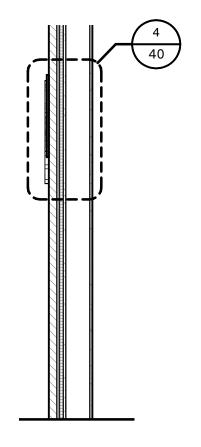


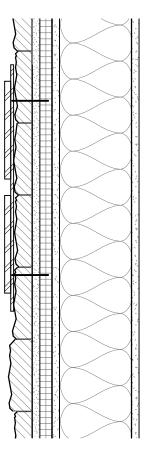


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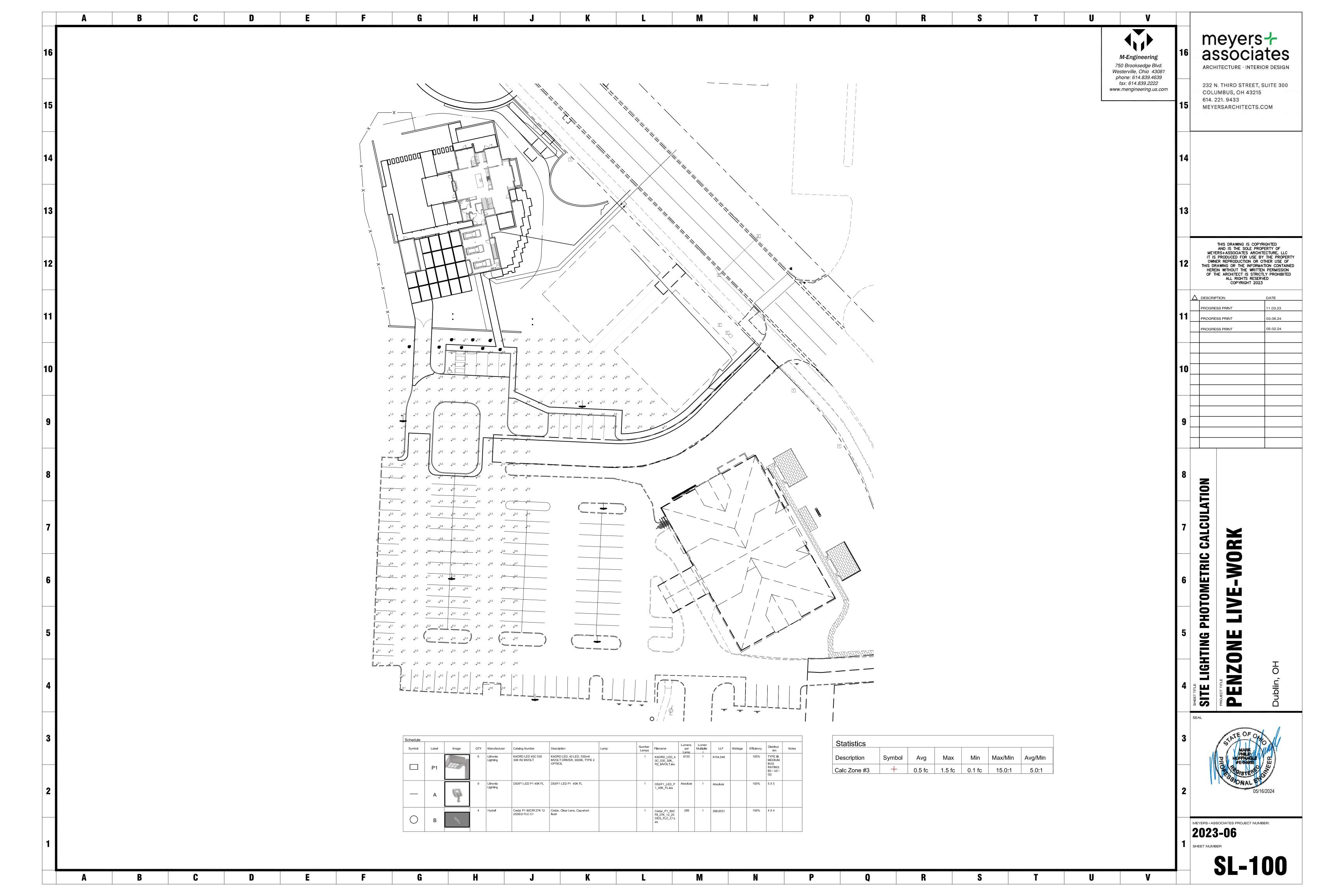




1 | SIGN ELEVATION / 2 | PLAN Scale: 1/2" = 1'-0" 3 | SIGN SECTION Scale: 1/2" = 1'-0" 4 | SIGN DETAIL Scale: 1 1/2" = 1'-0"









Penzone Live-Work
Visualization

















