140 E 6th Street, Franklin, OH 45005

SHP - ARCHITECT

312 Plum Street, Suite 700, Cincinnati, OH 45202 PHONE: (513) 381-2112 FAX: (513) 381-5121

THE KLEINGERS GROUP - CIVIL ENGINEER

6219 Centre Park Drive, West Chester, OH 45069

PHONE: (513) 779-7851 FAX: (513) 779-7852

THE KLEINGERS GROUP - LANDSCAPE ARCHITECT

6219 Centre Park Drive, West Chester, OH 45069 PHONE: (513) 779-7851 FAX: (513) 779-7852 BSHP



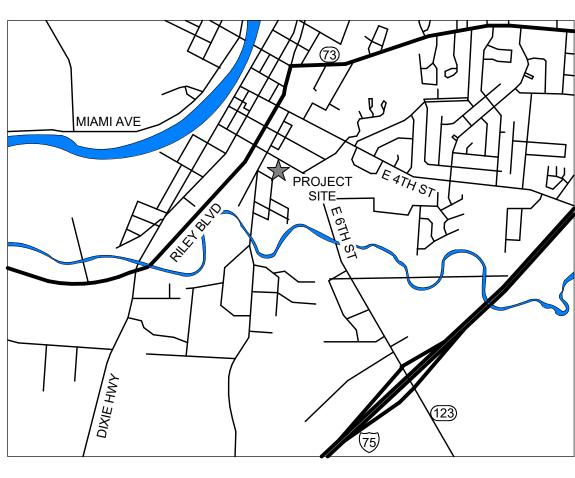
School Building Improvements in the

Franklin City School District

are funded through a partnership with the
Ohio Facilities Construction Commission
Expedited Local Partnership Program

Michael DeWine, Governor Cheryl Lyman, Executive Director

Project governed by 2019 OSDM



VICINITY MAP

NTS

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ELECTRICAL SITE IMPROVEMENT ZONING PLAN

FRANKLIN CITY

FRANKLIN CITY

140 E 6th Street, Frank

TANKLIN CITY

FRANKLIN CITY

754 E 4th Street, Frank

Y SCHOOLS

IMPROVEMENTS
INKlin, OH 45005

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TITLE SHEET

COMM NO. 2020108.03

G000

- 1. THE CITY OF FRANKLIN, AND THE CURRENT EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (ODOT CMS), INCLUDING ALL SUPPLEMENTS, SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THIS PLAN. IGNORE REFERENCES TO MEASUREMENT AND PAYMENT IN THE ODOT CMS UNLESS NOTED OTHERWISE. IN THE CASE OF CONFLICTS BETWEEN THE ODOT CMS AND THE CITY OF FRANKLIN REQUIREMENTS, THE CITY OF FRANKLIN REQUIREMENTS SHALL PREVAIL.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 48 HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES WHO ARE NON-MEMBERS OF THE OHIO UTILITIES PROTECTION SERVICE AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
- 3. CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
- 4. THE CONTRACTOR IS TO PERFORM ALL INSPECTIONS AS REQUIRED BY THE OHIO EPA FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND FURNISH OWNERS REPRESENTATIVE WITH WRITTEN REPORTS.
- 5. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FULLY INFORM HIMSELF CONCERNING ALL CONDITIONS AFFECTING THE SCOPE OF THE WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE HIM FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THE CONTRACT.
- 6. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT AND/OR FACE OF CURB, UNLESS OTHERWISE
- 7. ALL SITE SIGNAGE, STRIPING COLOR AND WIDTH SHALL BE PER THE OHIO MANUAL OF UNIFORM
- 8. ALL EXISTING PAVEMENTS, WALKS, CURBS, ETC. SHALL BE SAWCUT BEFORE REMOVAL. IF, DURING CONSTRUCTION, THE PAVEMENT, WALKWAY, CURB, ETC. IS DAMAGED BEYOND THE ORIGINAL SAWCUT, THE DAMAGED AREA SHALL BE RECUT TO NEAT LINES AS DIRECTED BY THE ENGINEER. PAYMENT FOR
- SAWCUTTING SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT. 9. THE CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT TO PROVIDE A SMOOTH VERTICAL FULL DEPTH BUTT JOINT BETWEEN THE EXISTING PAVEMENT OR CURB AND THE PROPOSED PAVEMENT. CONTRACTOR SHALL LOCATE SOUND PAVEMENT EDGE AND CUT AND TRIM PAVEMENT TO A NEAT LINE.

INCLUDE THE COST OF PAVEMENT REMOVAL AND DISPOSAL IN THE PRICE BID FOR THE PROJECT.

GRADING NOTES

TRAFFIC CONTROL DEVICES.

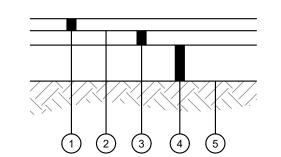
- 1. CONTRACTOR TO REMOVE TREES AND CLEAR AREAS AS NECESSARY TO PERFORM ALL SITE WORK INCLUDING GRADING AND UTILITY WORK.
- 2. PROTECTION OF EXISTING TREES AND VEGETATION: PROTECT EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS WITHIN DRIP LINE, EXCESS FOOT OR VEHICULAR TRAFFIC, OR PARKING OF VEHICLES WITHIN DRIP LINE. PROVIDE TEMPORARY GUARDS TO PROTECT TREES AND VEGETATION TO BE LEFT STANDING.
- 3. ALL ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS.
- 4. ALL FILL UNDER PAVEMENT SHALL BE COMPACTED TO THE GEOTECHNICAL ENGINEER'S
- 5. THE CONTRACTOR IS RESPONSIBLE FOR BALANCING THE SITE EARTHWORK ON SITE BY IMPORTING/EXPORTING DIRT AS NECESSARY.
- 6. CONTRACTOR SHALL IMPLEMENT ALL SOIL AND EROSION CONTROL PRACTICES REQUIRED BY CITY OF FRANKLIN AND THE OHIO EPA.
- 7. ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IF NO SPECIFICATIONS

ARE SUPPLIED, USE ODOT ITEM 659. UTILITY NOTES

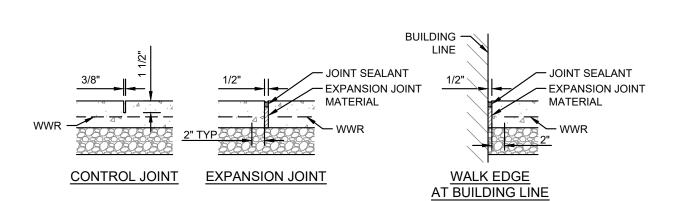
- 1. ALL DRAIN TILE AND STORM SEWERS DAMAGED. DISTURBED OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, IAINTAINING THE SAME GRADIENT AS EXISTING. THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO THE CURB SUBDRAIN, STORM SEWER SYSTEM OR OUTLETTED INTO THE ROADWAY DITCH AS APPLICABLE. REPLACED DRAIN TILE/STORM SEWER SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. REPLACEMENT SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION. COST OF THIS WORK TO BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- 2. ALL EXISTING UTILITIES KNOWN TO EXIST HAVE BEEN SHOWN ON THESE PLANS IN THEIR APPROXIMATE LOCATION. PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE UTILITIES SHOWN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROTECTION AND/OR RELOCATION OF ANY UTILITIES THAT MAY EXIST AND ARE NOT SHOWN.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR PROTECTION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED
- 4. UTILITY POLES WITHIN INFLUENCE OF THE UTILITY OPERATIONS SHALL BE REINFORCED BY THE UTILITY COMPANY PRIOR TO THESE CONSTRUCTION ACTIVITIES. NOTIFICATION OF THE UTILITY COMPANY PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 5. COMPACTED FILLS ARE TO BE MADE TO A MINIMUM OF THREE FEET ABOVE THE CROWN OF ANY PROPOSED SEWER PRIOR TO CUTTING OF TRENCHES FOR PLACEMENT OF SAID SEWERS. ALL FILLS SHALL BE CONTROLLED, COMPACTED, AND INSPECTED BY AN APPROVED TESTING LABORATORY OR AN INSPECTOR FROM THE APPROPRIATE GOVERNMENTAL AGENCY.
- 6. CONTRACTOR TO REPLACE ANY PAVEMENT OR UTILITIES DAMAGED WHICH ARE NOT SPECIFIED TO BE REMOVED ON THESE PLANS.
- 7. ALL CATCH BASINS PLACED WITHIN THE PAVEMENT SHALL HAVE HEAVY DUTY FRAMES AND GRATES AND CONFORM TO ADA REQUIREMENTS.
- 8. ADJUST ALL EXISTING CASTINGS AND CLEANOUTS WITHIN PROJECT AREA TO GRADE AS REQUIRED.
- 9. ALL CATCH BASINS WITH DEPTH GREATER THAN 4.5' SHALL BE PROVIDED WITH STEPS. STEPS SHALL MEET THE REQUIREMENTS OF ODOT ITEM 611. 10. DISTANCES SHOWN FOR STORM SEWER PIPES ARE MEASURED FROM CENTER OF STRUCTURE. THE

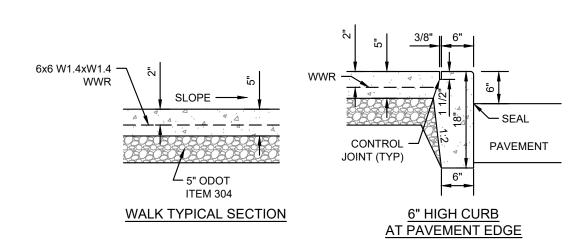
CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD CUT LENGTH. COORDINATES FOR STORM

- STRUCTURES ARE SHOWN TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED. 11. IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET ENDS. THIS SHALL INCLUDE HEADWALLS, CONCRETE, RIP RAP, ROCK CHANNEL PROTECTION, SODDING, POURING BOTTOMS,
- MUDDING LIFT HOLES, ETC 12. ALL PROPOSED STORM SEWERS, SURFACE OR OTHER DRAINAGE FACILITIES ARE TO BE PRIVATE AND MAINTAINED BY THE OWNER. EROSION CONTROL MEASURES MUST PROVIDE PROTECTION UNTIL
- COMPLETION OF THE PROJECT AND VEGETATIVE STABILIZATION. 13. THE CONTRACTOR IS TO CONSTRUCT CURBS, CATCH BASINS, DOWNSPOUTS, PIPING AND
- CONNECTIONS ETC. AS REQUIRED TO CONVEY THE ROOF AND PAVED SURFACE DRAINAGE TO THE
- 14. ALL STORM STRUCTURES ARE ODOT TYPES UNLESS OTHERWISE INDICATED.
- 15. STORM SEWER PIPE LABELED "STM" SHALL BE ONE OF THE FOLLOWING: PVC SDR-35 PER ODOT ITEM 707.45, PVC PROFILE PIPE PER ODOT ITEM 707.43, HIGH DENSITY POLYETHYLENE PER ODOT ITEM 707.33, ALUMINIZED CORRUGATED METAL, ODOT ITEM 707.01, 707.02, OR REINFORCED CONCRETE PIPE, ODOT ITEM 706.02 CLASS IV. STORM SEWER PIPE LABELED "RCP" SHALL BE REINFORCED CONCRETE PIPE, ODOT ITEM 706.02 CLASS IV. ALL STORM IS TO BE INSTALLED PER ODOT ITEM 611. ALL STORM PIPE USED MUST HAVE A MANUFACTURER SPECIFIED FRICTION FACTOR OF 0.013 (N=0.013) OR LESS.
- 16. ALL CATCH BASINS IN THE PAVEMENT ARE TO HAVE 4, 4" PERFORATED UNDERDRAINS EXTENDING 10 LF FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED. ALL CATCH BASINS IN THE CURB ARE TO HAVE 2, 4" PERFORATED UNDERDRAINS EXTENDING 10 LF FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED.
- 17. ALL EXISTING INVERTS ALONG PROPOSED PIPE ALIGNMENTS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE SEWER.
- 18. ANY FIELD TILE CUT IN EXCAVATION WHICH DRAINS IN AN OFFSITE AREA MUST BE TIED INTO THE
- 19. THE FLOW IN ALL SEWERS, DRAINS, FIELD TILES AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO A CONDITION SATISFACTORY TO THE

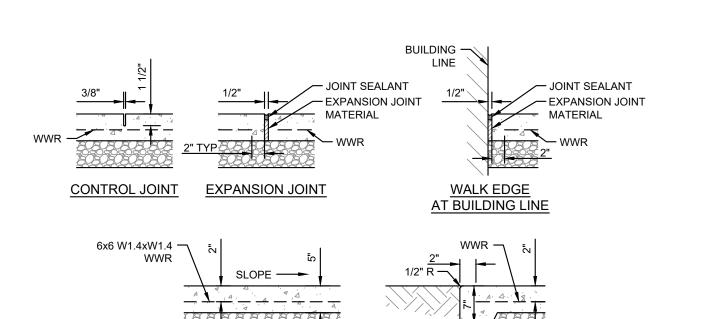


- 1 1/2" ODOT ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
- ODOT ITEM 407 TACK COAT, APPLY IF TIME BETWEEN ASPHALT LIFTS EXCEEDS 30 DAYS
- (3) 2.5" ODOT ITEM 301 ASPHALT CONCRETE BASE
- (4) 6" ODOT ITEM 304 AGGREGATE BASE SUBGRADE COMPACTION, REFERENCE ODOT ITEM 204, EARTHWORK SPECIFICATION 312000 AND
- STANDARD DUTY





- 1. INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST IOINT AND INSTALL EXPANSION IOINT EXPANSION IOINT SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
- 2. INSTALL CONTROL JOINTS AT 6' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND TOOLED, SAWED JOINTS ARE NOT PERMITTED. 3. WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
- 4. WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
- 5. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING
- 6. JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL. EXTERIOR CONCRETE SLAB WALK



AT LAWN AREA 1. INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES, WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT, EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.

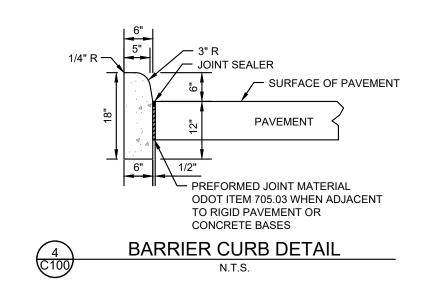
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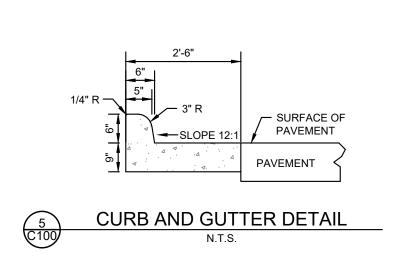
ITEM 304

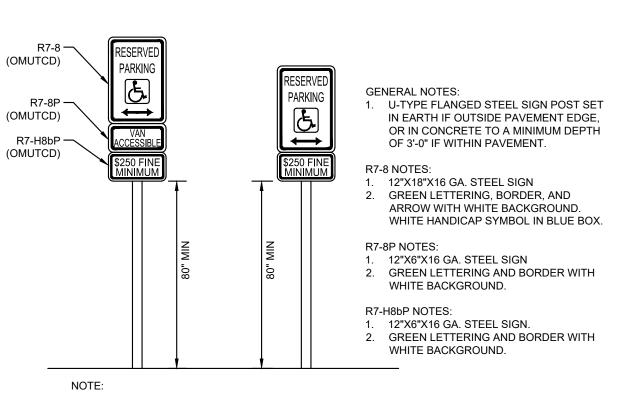
WALK TYPICAL SECTION

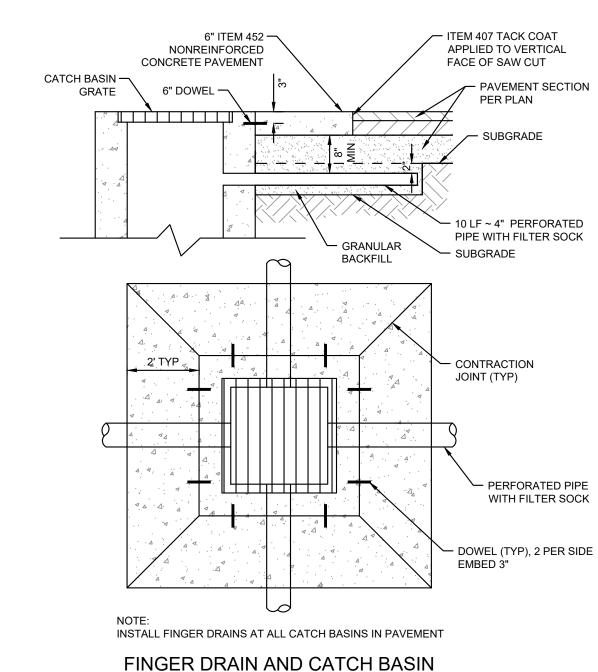
- 2. INSTALL CONTROL JOINTS AT 6' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND TOOLED, SAWED JOINTS ARE NOT PERMITTED.
- 3. WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
- 4. WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
- 5. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING

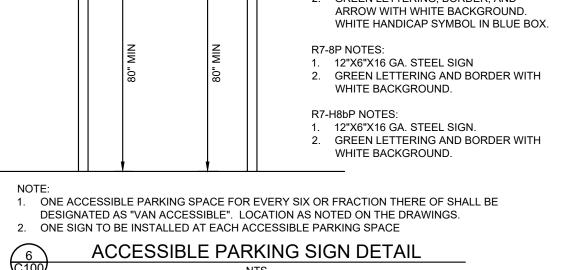
6. JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL











1. DETECTABLE WARNINGS ARE A DISTINCTIVE SURFACE PATTERN OF TRUNCATED DOMES WHICH ARE

OF DOMES IS TO BE INSTALLED FOR THE FULL WIDTH OF THE RAMP OR WALK.

INSTALL PRODUCTS AS PER MANUFACTURER'S PRINTED INSTRUCTIONS.

SQUARE PATTERN, PARALLEL ALIGNMENT 50% TO 65% OF

BASE DIAMETER

1.4" MAX.

HEIGHT AND DIAMETER

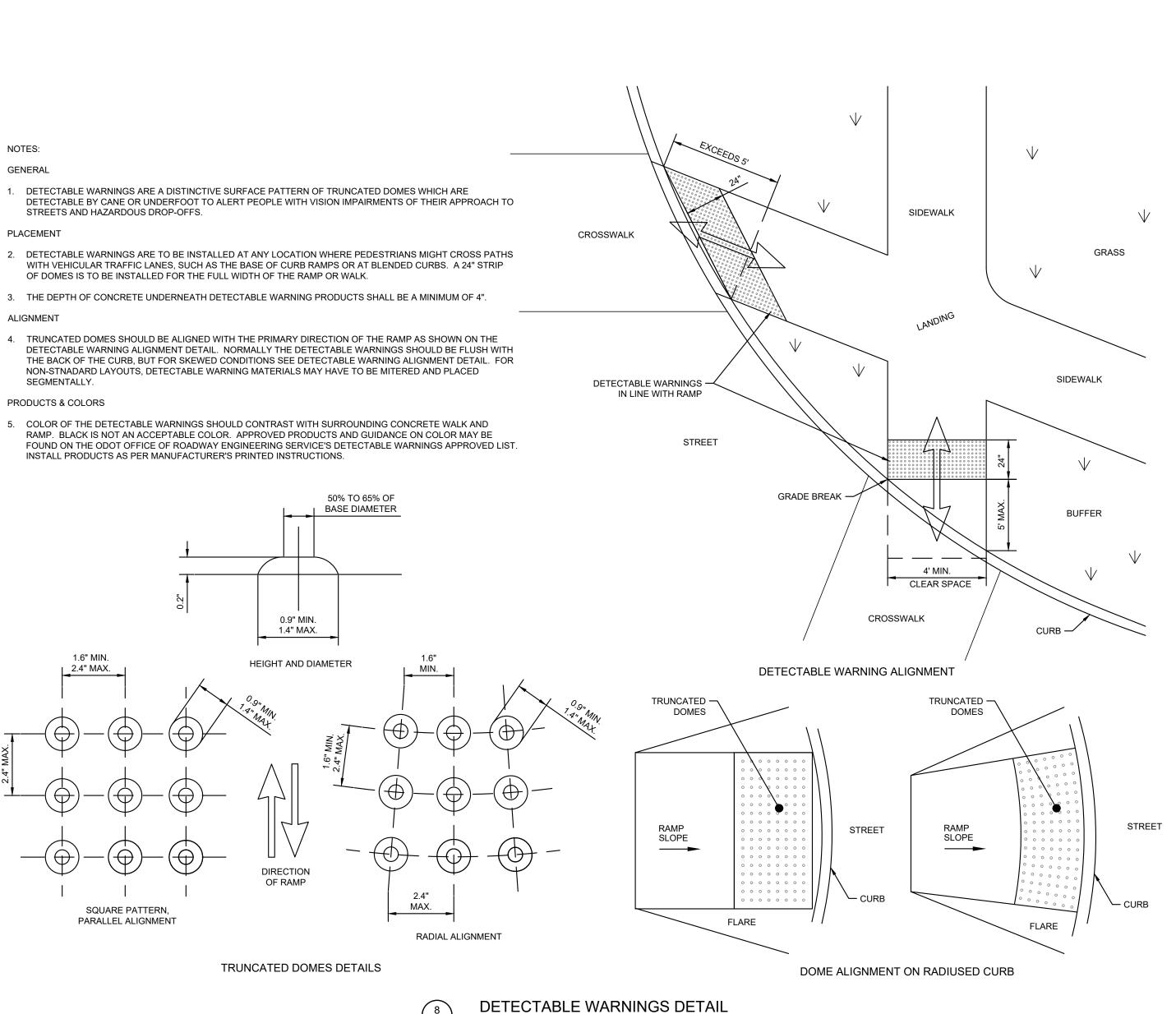
OF RAMP

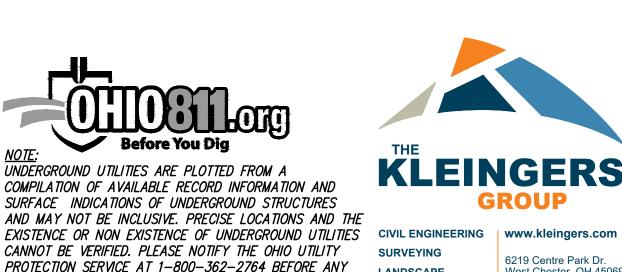
TRUNCATED DOMES DETAILS

NOTES:

PRODUCTS & COLORS

STREETS AND HAZARDOUS DROP-OFFS.





PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



ARCHITECTURE

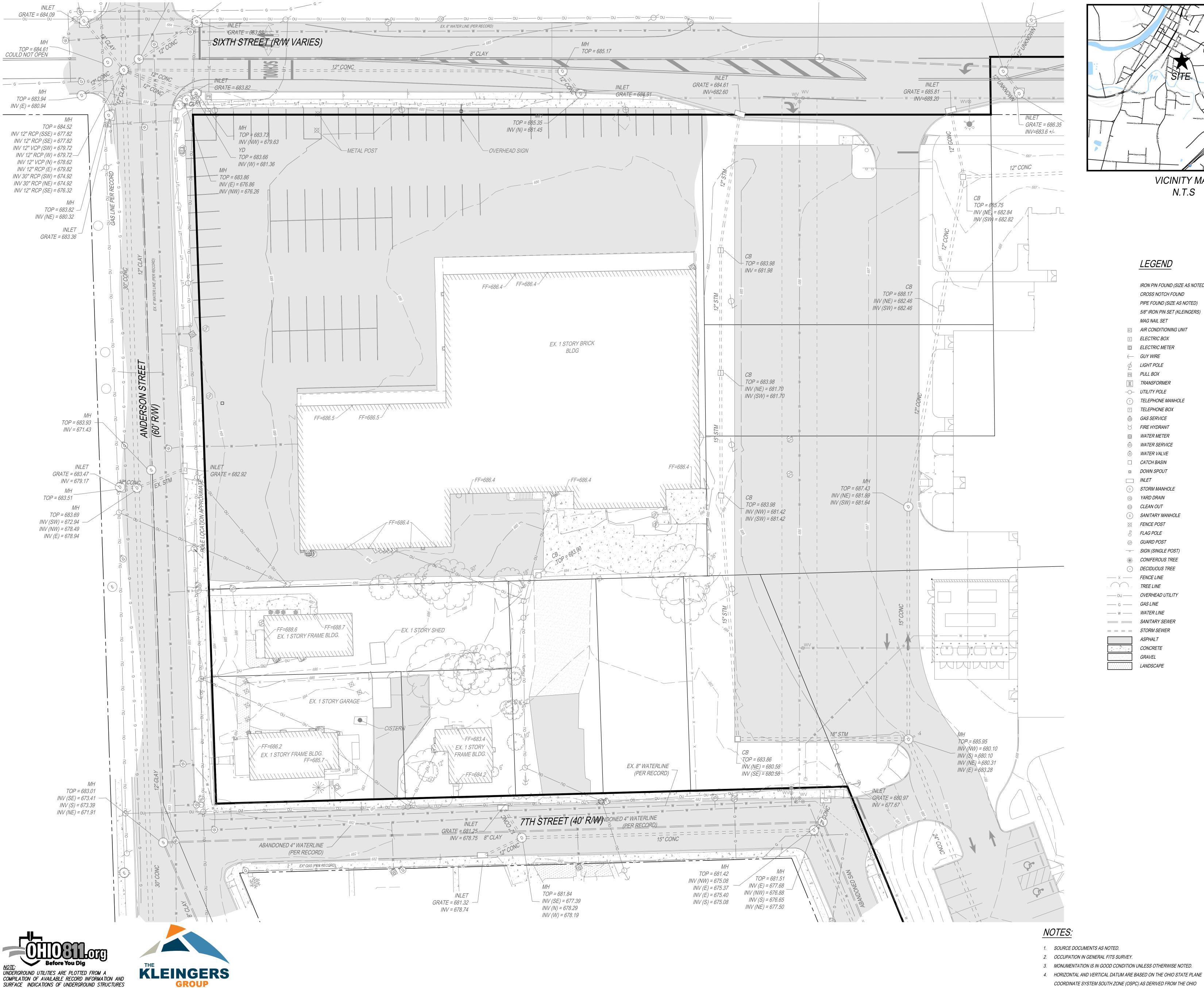
513.779.7851

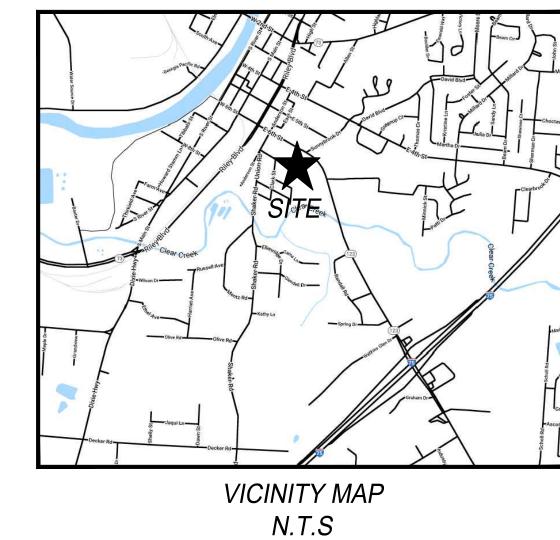
STEED HAMMOND PAUL, INC

ISSUANCES 11-06-23 DESIGN DEVELOPMENT 03-15-24 PLANNING COMMISSION

GENERAL NOTES & **DETAILS**

03-15-2024 COMM NO. 2020108.03





<u>LEGEND</u>

IRON PIN FOUND (SIZE AS NOTED) CROSS NOTCH FOUND PIPE FOUND (SIZE AS NOTED) 5/8" IRON PIN SET (KLEINGERS) MAG NAIL SET

- AIR CONDITIONING UNIT **E ELECTRIC BOX**
- © ELECTRIC METER
- \leftarrow GUY WIRE LIGHT POLE
- PB PULL BOX
- | TRANSFORMER -O- UTILITY POLE
- TELEPHONE MANHOLE
- GAS SERVICE
- ∀ FIRE HYDRANT
- water service
- ₩ WATER VALVE ☐ CATCH BASIN
- DOWN SPOUT ____ /NLET
- STORM MANHOLE
- YARD DRAIN
- SANITARY MANHOLE
- 💍 FLAG POLE
- SIGN (SINGLE POST)
- **CONIFEROUS TREE**
- O DECIDUOUS TREE —— × —— FENCE LINE
- —— OU —— OVERHEAD UTILITY
- ____ G ____ *GAS LINE* — w — WATER LINE
- ==== SANITARY SEWER
- = = = STORM SEWER

ASPHALT CONCRETE GRAVEL LANDSCAPE

> SURVEY BASEMAP

ISSUANCES

11-06-23 DESIGN DEVELOPMENT 03-15-24 PLANNING COMMISSION

03-15-2024

COMM NO. 2020108.03

EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CIVIL ENGINEERING www.kleingers.com 6219 Centre Park Dr. West Chester, OH 45069

AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE

CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY

PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY

PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

LANDSCAPE

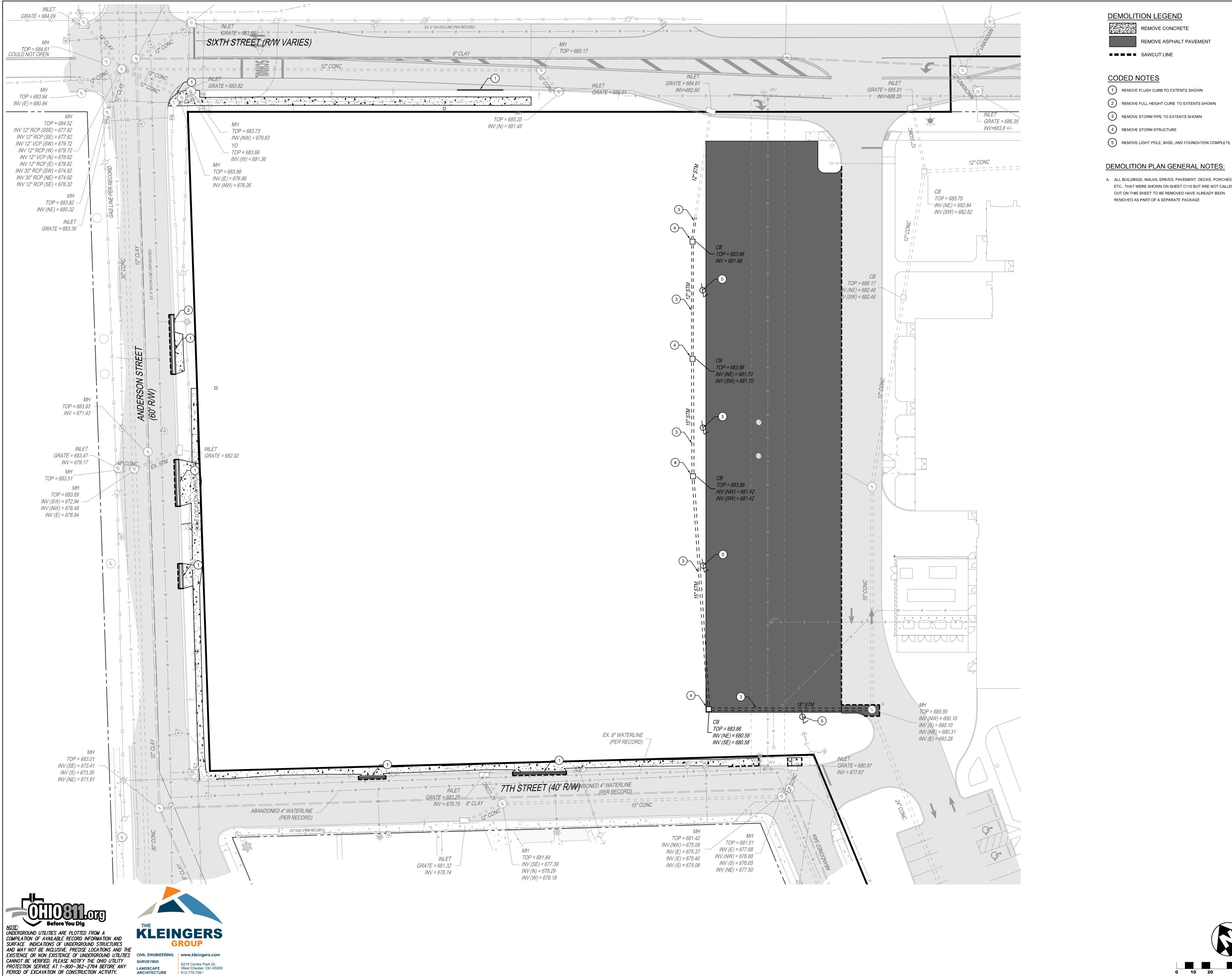
ARCHITECTURE

513.779.7851

COORDINATE SYSTEM SOUTH ZONE (OSPC) AS DERIVED FROM THE OHIO DEPARTMENT OF TRANSPORTATION'S VIRTUAL REFERENCE STATIONING (VRS).

0 10 20

(NAD 83) (NAVD 88) 5. SITE BENCHMARK AS SHOWN HEREON.





A. ALL BUILDINGS, WALKS, DRIVES, PAVEMENT, DECKS, PORCHES, ETC., THAT WERE SHOWN ON SHEET C110 BUT ARE NOT CALLED OUT ON THIS SHEET TO BE REMOVED HAVE ALREADY BEEN

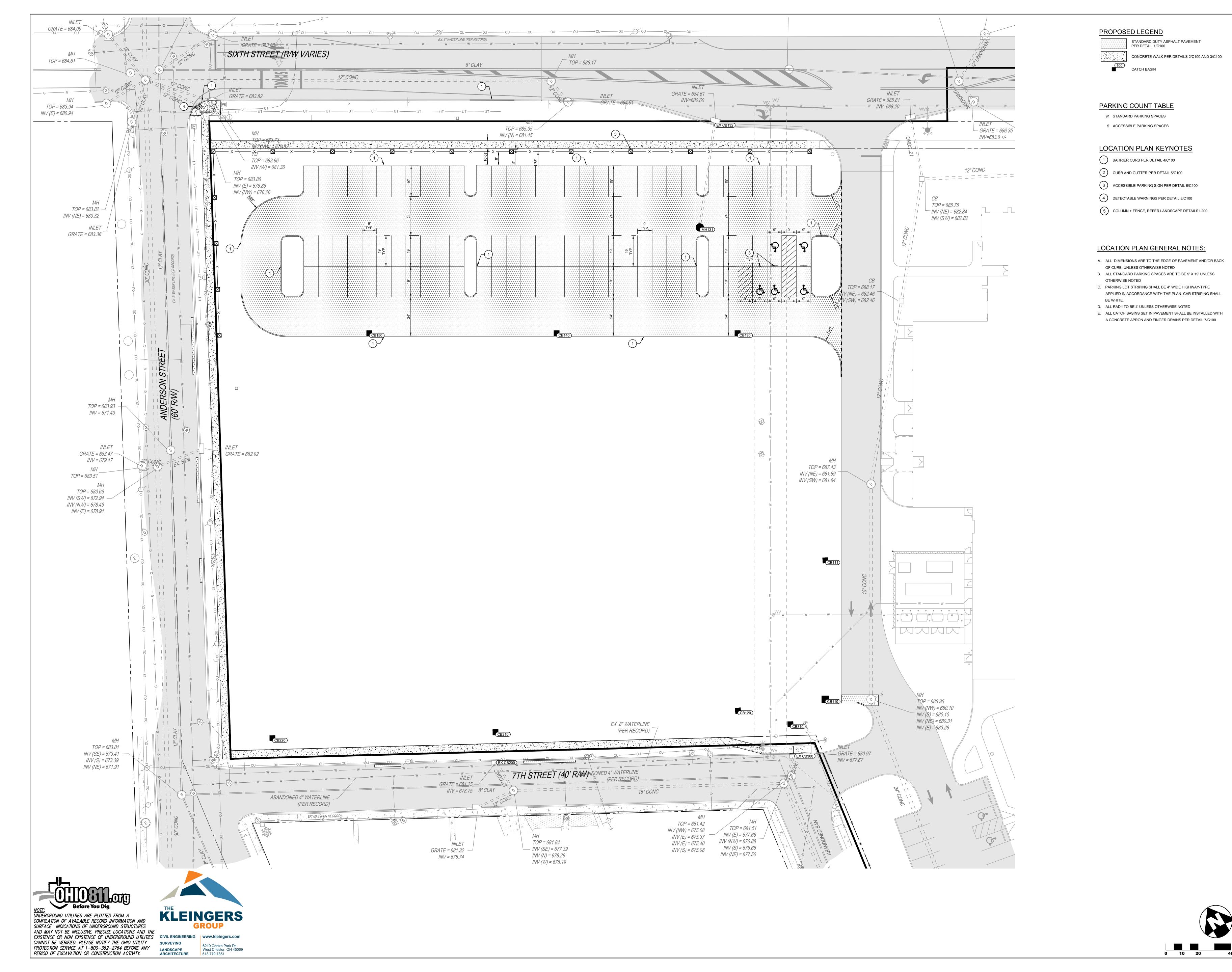
ISSUANCES

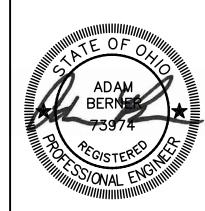
DEMOLITION

PLAN

03-15-2024

COMM NO. 2020108.03

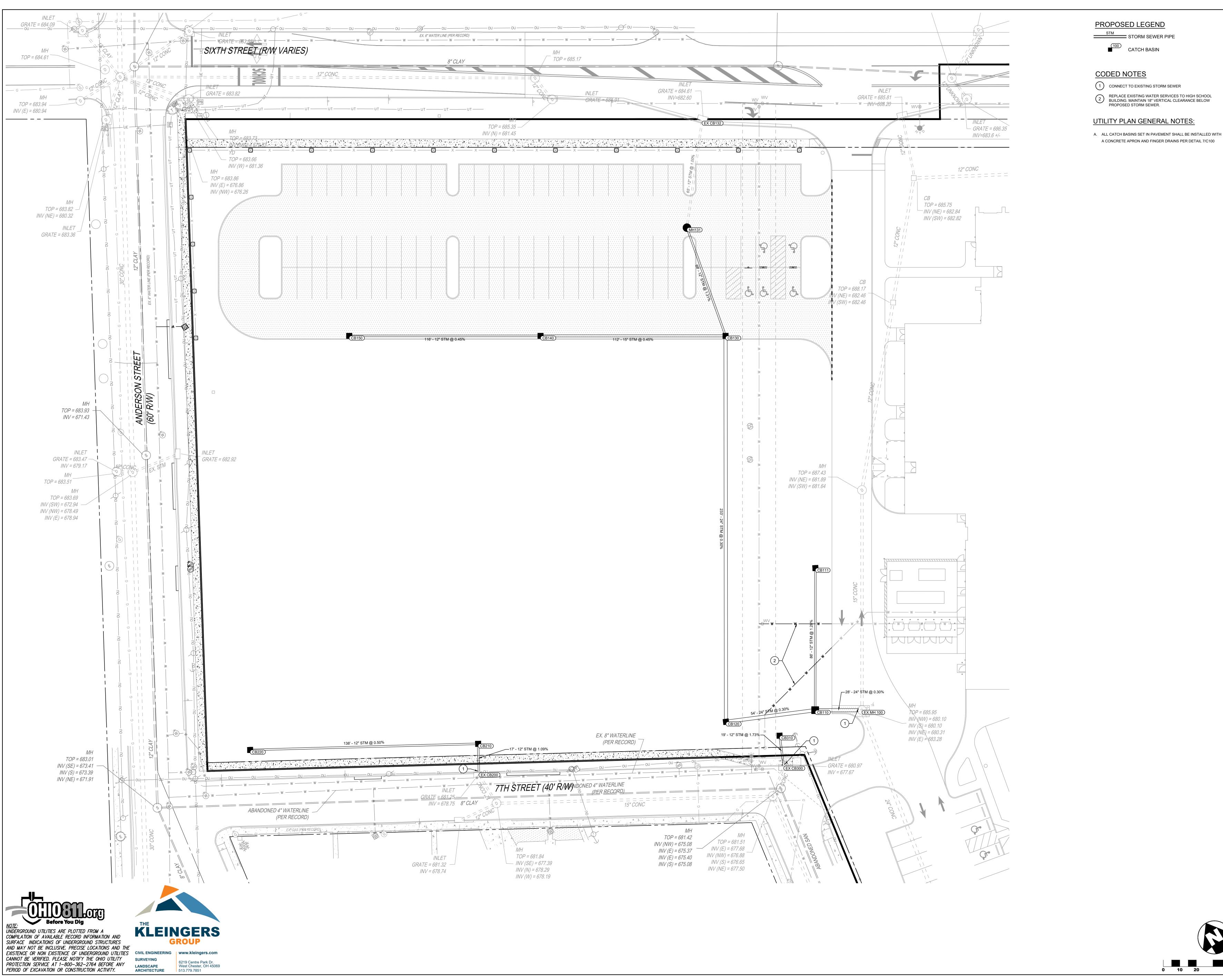




ISSUANCES

LOCATION PLAN

03-15-2024 COMM NO. 2020108.03

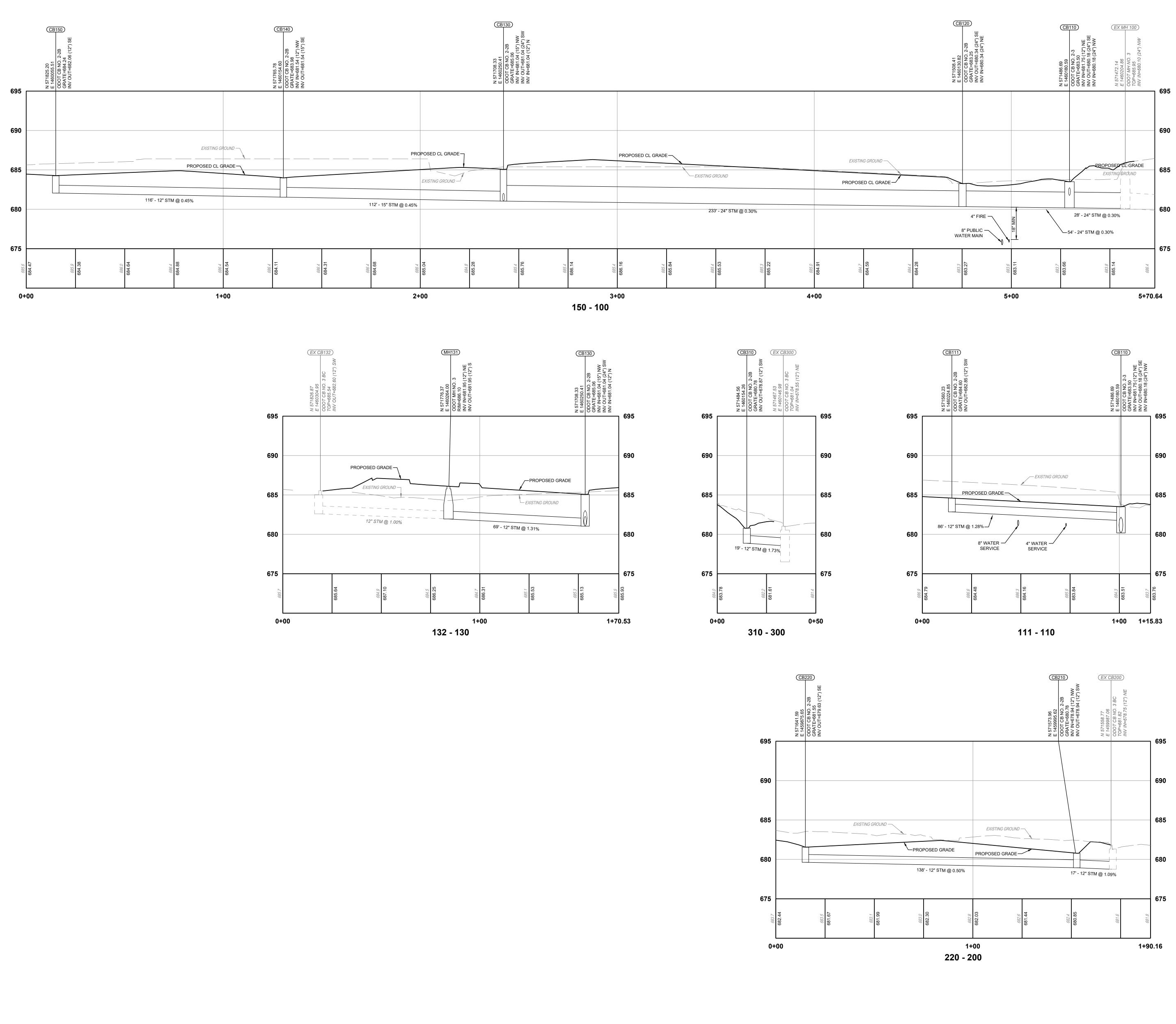


ISSUANCES

UTILITY PLAN

03-15-2024 COMM NO. 2020108.03

C140



NOTE:
UNDERGROUND UTILITIES ARE PLOTTED FROM A
COMPILATION OF AVAILABLE RECORD INFORMATION AND
SURFACE INDICATIONS OF UNDERGROUND STRUCTURES
AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE
EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES
CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY
PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY
PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

THE KLEINGERS
GROUP

CIVIL ENGINEERING
SURVEYING
LANDSCAPE
ARCHITECTURE

6219 Centre Park Dr.
West Chester, OH 45069
513.779.7851



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/ SCHOOLS
IMPROVE
nklin, OH 45005

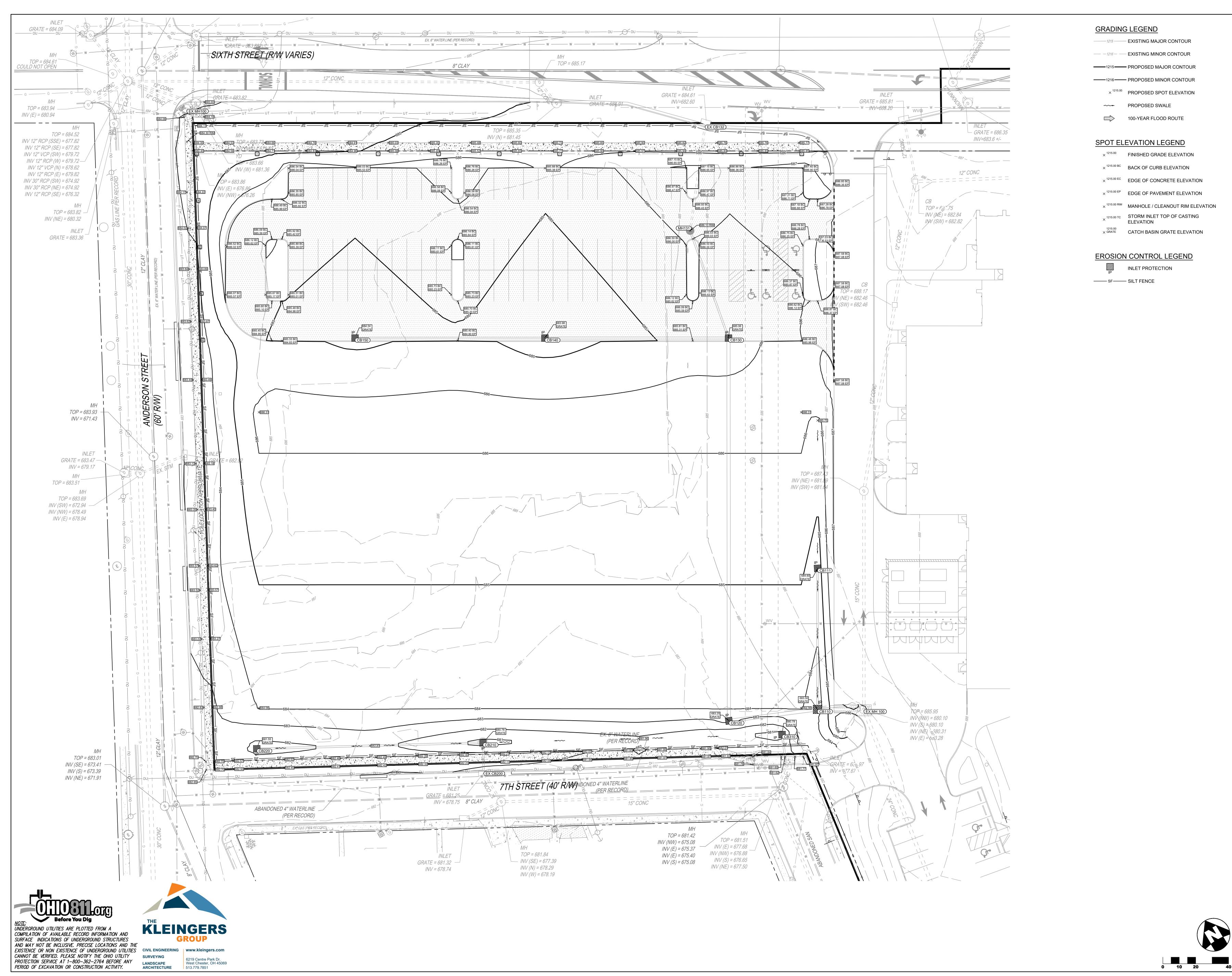
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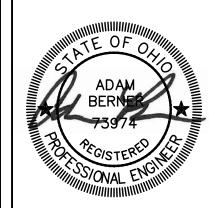
ISSUANCES 11-06-23 DESIGN DEVELOPMENT 03-15-24 PLANNING COMMISSION

> UTILITY **PROFILES**

03-15-2024 DATE

COMM NO. 2020108.03





ISSUANCES

GRADING PLAN

03-15-2024 COMM NO. 2020108.0

LATITUDE: N 39°33'22.11" LONGITUDE: W -84°18'10.72" **ESTIMATED CONSTRUCTION DATES:** SUMMER 2024-FALL 2024 TOTAL SITE AREA: X.XX ACRES TOTAL DISTURBED AREA: X.XX ACRES **EXISTING IMPERVIOUS AREA:** X.XX ACRES PROPOSED IMPERVIOUS AREA: X.XX ACRES

TOTAL IMPERVIOUS AREA AFTER CONSTRUCTION: X.XX ACRES INCREASE IN IMPERVIOUS AREA:

PRE-CONSTRUCTION RUNOFF COEFFICIENT: C=0.XX POST-CONSTRUCTION RUNOFF COEFFICIENT: C=0.XX

EXISTING LAND USE: XXXXX XXXXX

CONSTRUCTION SEQUENCE

IMMEDIATE RECEIVING WATER/MS4:

ULTIMATE RECEIVING STREAM:

TO COMPLETE THE EXCAVATION AND CONSTRUCTION OF THE PROPOSED JOB IMPROVEMENTS, COORDINATION OF THE CONTRACTOR'S WORK CREWS WILL BE REQUIRED. THE EXISTING DITCHES WILL PERFORM TEMPORARY SEDIMENT CONTROL AND STORAGE DURING THE PROPOSED CONSTRUCTION. WORK WILL GENERALLY PROCEED FROM DOWNSTREAM TO UPSTREAM IN THESE WORK AREAS. THE GENERAL CONSTRUCTION SEQUENCE IS AS FOLLOWS:

A) INSTALL EROSION CONTROL ITEMS.

B) STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL THROUGH THE INCREMENTAL WORK AREA. C) INSTALL TEMPORARY DITCH CHECKS IN DOWNSTREAM END OF EXISTING DITCH WITHIN 24 HOURS FOLLOWING THE

CLEAR CREEK

GREAT MIAMI RIVER

D) IF U/G PIPE IS CALLED FOR IN THIS PORTION OF WORK AREA, PIPE CREW WILL INSTALL PIPE AS WELL AS MANHOLES.

E) AS PIPE INSTALLATION PROGRESSES, REPAIR OF THE ROADWAY WILL PROCEED BEHIND IT.

F) ANY DISTURBED OR EXPOSED AREAS SHALL BE STABILIZED PER OEPA TEMPORARY AND PERMANENT STABILIZATION REGULATIONS INCLUDING:

 SEEDING 2. DITCH MATTING

INLET PROTECTION

MULCHING WATERING

EMERGENCY ACTION & SPILL PREVENTION PLAN

THE SCOPE OF WORK COVERED BY THIS PLAN INCLUDES EMERGENCY RESPONSE TO SPILLS, CONTAINMENT OF SPILLED LIQUIDS, EMERGENCY NOTIFICATION NUMBERS, AND SOIL EXCAVATION FOR SPILL CLEAN-UP.

IN THE EVENT OF A SPILL EVENT THE EMPLOYEE SHALL ASSESS THE SPILL AND IMMEDIATELY NOTIFY THE SAFETY OFFICER AND SUPERVISOR IN CHARGE, OR OTHER INDIVIDUALS AS LISTED BELOW

TITLE	<u>NAME</u>	PHONE NUMBER
SITE SUPERINTENDENT		
PROJECT ENGINEER		

IMMEDIATELY AFTER NOTIFICATION, THE EMPLOYEE WILL BE DIRECTED BY THE SAFETY OFFICER, OR RESPONSIBLE PARTY TO START CONTAINMENT PROCEDURES TO PREVENT THE MATERIAL FROM REACHING THE STORM SEWERS, DRAINAGE DITCH, AND OTHER OUTLETS USING THE FOLLOWING ACTIONS OR ANY OTHER MEANS NECESSARY WITHOUT COMPROMISING WORKER SAFETY:

3) USE SORBENT MATERIALS, PLUG PUTTY, OR HOLE PUTTY AS NECESSARY TO CONTROL THE SPILL AT THE SOURCE.

1) CLEAR PERSONNEL FROM THE SPILL AREA AND ROPE OFF AREA. 2) STOP THE SPILL

4) CONSTRUCT A TEMPORARY CONTAINMENT DIKE OF SORBENT MATERIALS OR DIRT TO CONTAIN SPILL.

SPILL KITS WILL BE LOCATED ON THE PROJECT AS DESIGNATED ON THE SWPPP PLAN.

UPON COMPLETION OF CONTAINMENT OPERATIONS, PROPER CLEAN-UP PROCEDURES WILL BE IMPLEMENTED IN ACCORDANCE WITH

IF THE SPILL EXCEEDS 25 GALLONS, THE FOLLOWING ORGANIZATIONS SHALL BE CONTACTED WITHIN 30 MINUTES OF THE INCIDENT

EMERGENCY CONTACTS: OHIO EPA EMERGENCY RESPONSE CENTER 800-282-9378 (24-HOUR PHONE NO.)

GENERAL NOTES

REGULATORY PROCEDURES.

THE CONTRACTOR IS HEREBY ADVISED THAT STRICTER POLLUTION CONTROL STANDARDS AND ENFORCEMENT HAVE BEEN IMPOSED BY THE OHIO EPA SINCE MARCH 10, 2003 AND WITH REVISIONS IN APRIL 2018 AND IN APRIL 2023. ALSO, MANY PRIVATE CITIZEN ENVIRONMENTAL GROUPS, WHO HAVE BEEN KNOWN TO FILE CIVIL LEGAL ACTIONS, ARE PRESENT IN THE AREA AND OBSERVE ALL CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS OF THE REQUIREMENTS AND RESPONSIBILITIES OF THE SWPPP AND SHALL DOCUMENT ALL SUCH NOTIFICATIONS AND/OR DISCUSSIONS.

THE CONTRACTOR WILL BE REQUIRED TO PARTICIPATE IN SEDIMENT AND EROSION CONTROL INSPECTIONS ON A WEEKLY BASIS AND SIGN AN APPROVED INSPECTION SHEET THAT SHALL BE KEPT ON FILE AT THE JOB SITE.

UNLESS OTHERWISE NOTED, STANDARDS AND SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE OEPA "RAINWATER AND LAND DEVELOPMENT" HANDBOOK SHALL GOVERN THE EROSION AND SEDIMENT CONTROL INSTALLATIONS SPECIFIED ON THIS

THIS PROJECT WILL INVOLVE SEVERAL CONSTRUCTION PHASES AND SEQUENCING THROUGHOUT ITS LIFETIME. IT IS VERY IMPORTANT THAT ALL TEMPORARY SEDIMENT AND EROSION CONTROL (S&EC) FIELD METHODS ALONG WITH THIS PLAN, ARE UPDATED TO REFLECT THE ACTUAL FIELD CONDITIONS, CURRENT WEATHER CONDITIONS AND SITE GRADE CHANGES. THE ENGINEER OR THE OHIO EPA CAN AND WILL MODIFY THIS PLAN AS NECESSARY.

THE CONTRACTOR WILL VOLUNTARILY SELF REPORT ANY POTENTIAL VIOLATIONS OF THE OEPA NPDES PERMIT TO THE ENGINEER AND THE OEPA.

THE CONTRACTOR SHALL REMOVE EXISTING GROUND COVER ONLY AS NECESSARY FOR THE PROJECT PHASE CURRENTLY UNDER CONSTRUCTION.

CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF ACCORDING TO OHIO EPA REQUIREMENTS.

THE CONTRACTOR WILL BE REQUIRED TO BUILD SEDIMENT BASINS OR SEDIMENT TRAPS OR USE EQUAL METHODS TO DETAIN AND CLEAN WATER TO ACCEPTABLE EPA STANDARDS BEFORE RELEASING THE WATER BACK INTO THE STREAM.

THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND, FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE DISPOSAL, ETC.) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT WORKS.

ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL, WASTE DISPOSAL, SANITARY AND HEALTH REGULATIONS.

OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND IMPLEMENTATION OF ADDITIONAL EROSION CONTROL ITEMS, AT THE ENGINEER'S DISCRETION.

NO SOIL, ROCK, DEBRIS OR OTHER MATERIAL SHALL BE DUMPED OR PLACED IN ANY AREAS NOT ADEQUATELY PROTECTED BY **EROSION CONTROL INSTALLATIONS.**

IT IS PREFERRED TO USE PERMANENT EROSION CONTROL ITEMS AS SHOWN IN THE PLANS TO CONTROL CONSTRUCTION POLLUTION WHEN POSSIBLE. OTHERWISE, THE TEMPORARY POLLUTION PREVENTION ITEMS ARE TO BE USED.



ARCHITECTURE

UNDERGROUND UTILITIES ARE PLOTTED FROM A

MOST TEMPORARY S&EC METHODS, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS MAY ALL HAVE TO BE PERIODICALLY REMOVED AND REPLACED, OR MOVED FROM THE EXISTING ROAD DITCH OR STRIPPED AREAS AS WORK PROGRESSES. ANY CHANGES SHALL BE NOTED IN THE PLAN BY RED LINE AND DATED ON A CORRECTIVE ACTION LOG.

ALL TEMPORARY SEDIMENT CONTROLS AND STORM WATER QUALITY METHODS WILL BE BUILT/INSTALLED AS THE PROJECT PROGRESSES TO ELIMINATE UNNECESSARY DISTURBANCE AND REDUNDANCY. ALL TEMPORARY CONTROLS SHALL BE IN PLACE AND FUNCTIONING PROPERLY WHEN THREATENING WEATHER IS IMMINENT.

"TEMPORARY STABILIZATION" MEANS THE ESTABLISHMENT OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION AND OTHER TECHNIQUES CAPABLE OF QUICKLY ESTABLISHING COVER OVER DISTURBED AREAS TO PROVIDE EROSION CONTROL BETWEEN CONSTRUCTION OPERATIONS.

"PERMANENT STABILIZATION" MEANS THE ESTABLISHMENT OF PERMANENT VEGETATION, DECORATIVE LANDSCAPE MULCHING, MATTING, SOD, RIP RAP AND LANDSCAPING TECHNIQUES TO PROVIDE PERMANENT EROSION CONTROL ON AREAS WHERE CONSTRUCTION OPERATIONS ARE COMPLETE OR WHERE NO FURTHER DISTURBANCE IS EXPECTED FOR AT LEAST A YEAR.

OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.

STABILIZATION PRACTICES

PERMANENT SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000006. (SEE TABLE 1)

TABLE 1: PERMANE	ENT STABILIZATION				
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS				
ANY AREAS 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				

TEMPORARY SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000006. (SEE TABLE 2)

TABLE 2: TEMPORARY STABILIZATION AREA REQUIRING TEMPORARY STABILIZATION ANY DISTURBED AREAS WITH 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).										
ANY DISTURBED AREAS WITH 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE	TABLE 2: TEMPORARY STABILIZATION									
WATER OF THE STATE AND NOT AT FINAL GRADE DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE	AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS								
AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE		DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR								
	AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50	DISTURBANCE WITHIN THE AREA FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE								

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SEEDING & MULCHING

MULCH AND/OR OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 14 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.

MULCH SHALL CONSIST OF UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC. OR 90 LB./1000 SQ. FT. (TWO TO THREE BALES). THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1000-SQ.-FT. SECTIONS AND PLACE TWO 45-LB. BALES OF STRAW IN EACH SECTION.

MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH:

1) MECHANICAL-USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN

2) MULCH NETTINGS-USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. FOLLOWING ALL PLACEMENT AND ANCHORING SUGGESTIONS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.

3) SYNTHETIC BINDERS-FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE

4) WOOD CELLULOSE FIBER - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB./ACRE. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL. OF WOOD CELLULOSE FIBER.

TEMPORARY SEEDING & MULCHING FOR EROSION CONTROL								
SEED TYPE	PER 1,000 SQ FT	PER ACRE						
PERENNIAL RYEGRASS TALL FESCUE ANNUAL RYEGRASS	1 POUND 1 POUND 1 POUND	40 POUNDS 40 POUNDS 40 POUNDS						
SMALL GRAIN STRAW	90 POUNDS	2 TONS						
FERTILIZER	6 POUNDS OF 10-10-10 OR 12-12-12	250 POUNDS OF 10-10-10 OR 12-12-12						

NOTE: OTHER APPROVED SPECIES MAY BE SUBSTITUTED

SILT FENCING SHALL BE INSTALLED AROUND TEMPORARY SPOIL STOCKPILES. THESE STOCKPILES SHALL BE STRAW MULCHED AND/OR TEMPORARILY SEEDED WITHIN 7 WORKING DAYS IF LEFT DORMANT FOR 14 DAYS OR LONGER.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT FENCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED LONGER THAN 14 DAYS AND/OR WITHIN 7 DAYS OF ANY GRUBBING ACTIVITIES. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 2 DAYS OF THE LAST DISTURBANCE IF THE AREA IS WITHIN 50 FEET OF A STREAM, AND WITHIN 7 DAYS OF THE LAST DISTURBANCE IF THE AREA IS MORE THAN 50 FEET AWAY FROM A STREAM. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA. THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH, AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE BASIN.

STABILIZATION TYPE	J	F	М	Α	М	J	J	Α	S	0	N	D	
PERMANENT SEEDING			•	•	•	*	*	*	•	•			* IRRIGATION NEEDED
DORMANT SEEDING	•	•	•							•	•	•	** IRRIGATION NEEDED FOR
TEMPORARY SEEDING			•	•	•	*	*	*	•	•			2-3 WEEKS AFTER SOD IS APPLIED
SODDING			**	**	**	**	**	**	**				
MULCHING	•	•	•	•	•	•	•	•	•	•	•	•	

ALL BMPS ON THIS SITE SHALL BE INSPECTED BY "QUALIFIED INSPECTION PERSONNEL" ASSIGNED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND BY THE END OF THE NEXT CALENDAR DAY, EXCLUDING WEEKENDS AND HOLIDAYS UNLESS WORK IS SCHEDULED, AFTER A RAIN EVENT OF 0.5 INCHES PER 24 HOUR PERIOD. A RECORD OF THESE INSPECTIONS SHALL BE MAINTAINED IN THE CONSTRUCTION OFFICE WITH THE SWPPP FOR PUBLIC VIEWING. ANY VIOLATIONS WILL BE REPORTED THROUGH THE PROJECT PERSONNEL. A RAIN GAUGE WILL BE LOCATED WITHIN THE PROJECT

FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:

- THE INSPECTION DATE;
- 2. NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
- WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IF THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT. APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER ANY DISCHARGES OCCURRED:

- WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION;
- LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
- LOCATION(S) OF BMPS THAT NEED TO BE MAINTAINED;
- 7. LOCATION(S) OF BMPS THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
- 8. LOCATION(S) WHERE ADDITIONAL BMPS ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWP3 NECESSARY AND IMPLEMENTATION DATES.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN, REPAIR, OR REPLACE ALL EROSION CONTROL INSTALLATIONS AS NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL REPAIRS TO BMPS SHALL BE MADE WITHIN 3 DAYS (OR SOONER IF POSSIBLE) OF NOTIFICATION OF DEFICIENCIES. IF THE CORRECTIONS ARE NOT MADE WITHIN THE 3 DAY PERIOD, LIQUIDATED DAMAGES MAY BE ASSESSED AS PER THE ODOT CMS SECTION 108.07.

ONGOING INSPECTION OF INSTALLATIONS WILL BE PERFORMED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE.

ANY TRAPPED SEDIMENT OR DEBRIS REMOVED DURING CLEANING OF OR REMOVAL OF BMP INSTALLATIONS SHALL BE PLACED IN AREAS NOT SUBJECT TO EROSION AND PERMANENTLY STABILIZED.

DUST CONTROL

DUST CONTROL INVOLVES PREVENTING OR REDUCING DUST FROM EXPOSED SOILS OR OTHER SOURCES DURING LAND DISTURBING. DEMOLITION AND CONSTRUCTION ACTIVITIES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS OR HARM ANIMAL OR PLANT LIFE.

THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ONSITE:

- VEGETATIVE COVER AND/MULCH APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING; PERMANENT SEEDING; MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.
- WATERING SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS IEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO
- MANUFACTURERS INSTRUCTIONS. SPRAY-ON ADHESIVES - APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS.

ADHESIVE	WATER DILUTION (ADHESIVE: WATER)	NOZZLE TYPE	APPLICATION RATE (GAL/AC)
LATEX EMULSION	12.5:1	FINE	235
RESIN IN WATER ACRYLIC EMULSION (NO TRAFFIC)	4:1	FINE	300
ACRYLIC EMULSION (NO TRAFFIC)	7:1	COARSE	450
ACRYLIC EMULSION (TRAFFIC)	3 5·1	COARSE	350

TEIC LIVIOLOION (TIVALTIC)	0.0.1	COARGE	330		
	GENER	AL PERMI	T: OHCO	00006	
			T: XXXX		
	DATE	E OF ISSU	E:XX/X	X/XXXX	

SPILL PREVENTION

PERMITTEE

<u>NAME</u> ADDRESS²

ADDRESS2 PHONE: FAX:

CONTACT

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:

- AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
- ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
- PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL. 4. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
- 6. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED. 7. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.

1. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

- ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. 3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER
- DISPOSAL WILL BE FOLLOWED.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

- 1. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
- 2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES.
- KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. 3. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- 4. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. SPILLS OF 25 OR MORE GALLONS OF PETROLEUM WASTE MUST BE REPORTED TO OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE SPILL. ALL SPILLS, WHICH RESULT IN CONTACT WITH WATERS OF THE STATE, MUST BE REPORTED TO THE OHIO EPA'S HOTLINE.
- 5. SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE TREATED/DISPOSED AT AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDF).
- 6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- 7. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

PRODUCT SPECIFIC PRACTICES

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FUEL STORAGE TANKS SHALL BE LOCATED AWAY FROM SURFACE WATERS AND STORM SEWER SYSTEM INLETS. FUEL TANKS SHALL BE STORED IN A DIKED AREA CAPABLE OF HOLDING 150% OF THE TANK CAPACITY.

<u>FERTILIZERS</u> FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED,

FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

AND LOCAL REGULATIONS.

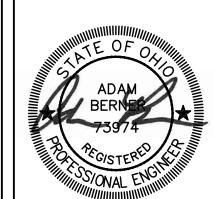
CONCRETE WASH WATER/WASH OUTS

CONCRETE WASH WATER SHALL NOT BE ALLOWED TO FLOW TO STREAMS, DITCHES, STORM DRAINS, OR ANY OTHER WATER CONVEYANCE. A SUMP OR PIT WITH NO POTENTIAL FOR DISCHARGE SHALL BE CONSTRUCTED IF NEEDED TO CONTAIN CONCRETE WASH WATER. FIELD TILE OR OTHER SUBSURFACE DRAINAGE STRUCTURES WITHIN 10 FT. OF THE SUMP SHALL BE CUT AND PLUGGED. FOR SMALL PROJECTS, TRUCK CHUTES MAY BE RINSED ON THE LOT AWAY FROM ANY WATER CONVEYANCES.

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED

TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE

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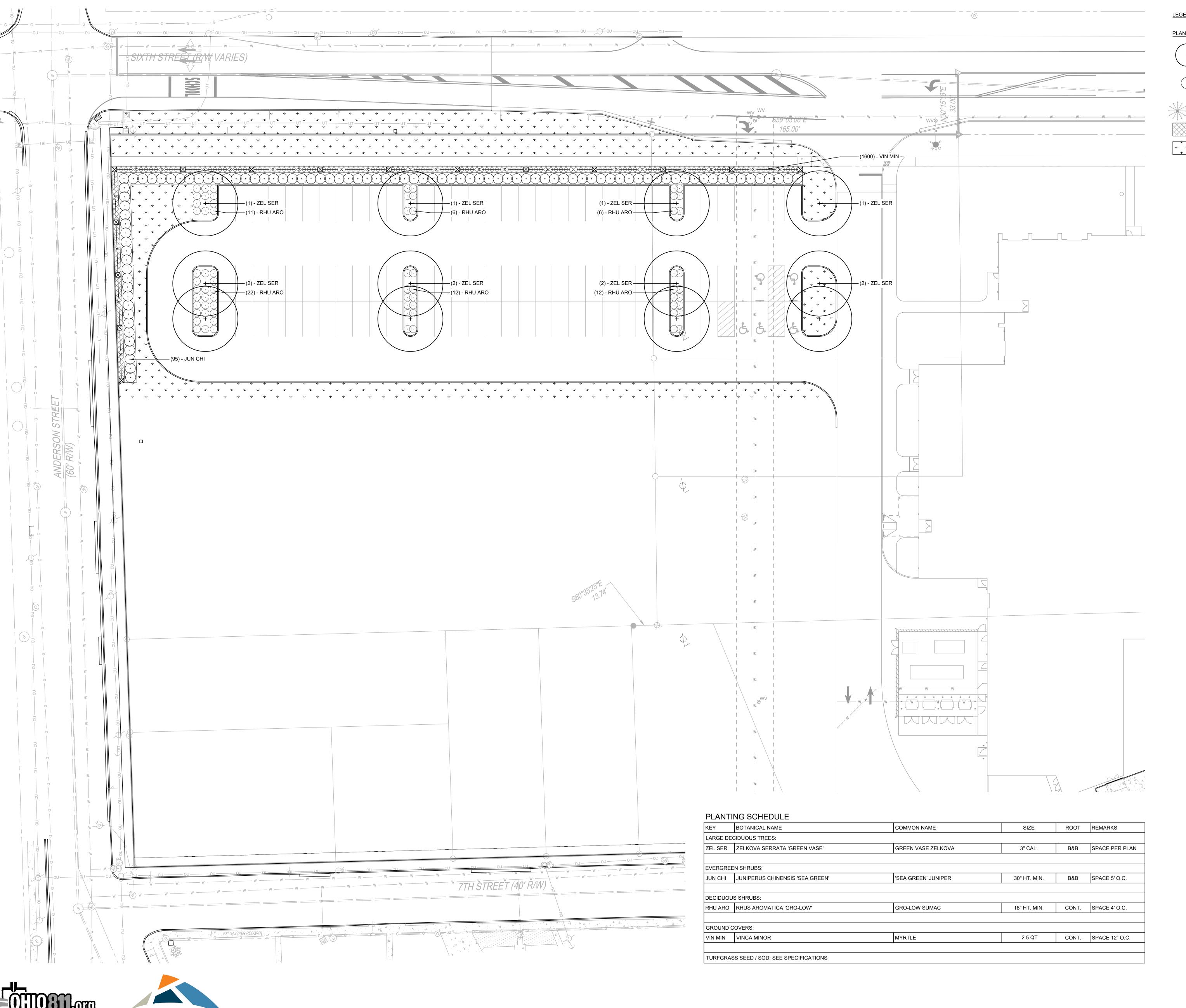
ISSUANCES

	11-06-23	DESIGN DEVELOPMEN
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EROSION CONTROL NOTES & DETAILS

03-15-2024

COMM NO. 2020108.03



TREE, DECIDUOUS SHADE, TYP. SHRUBS, EVERGREEN + DECIDUOUS, TYP.

EXISTING TREES TO REMAIN, TYP. [PROTECT IN PLACE]

PLANTING AREA, GROUND COVER, TYP.

TURF GRASS/SOD, TYP.

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ISSUANCES

LANDSCAPE

PLAN

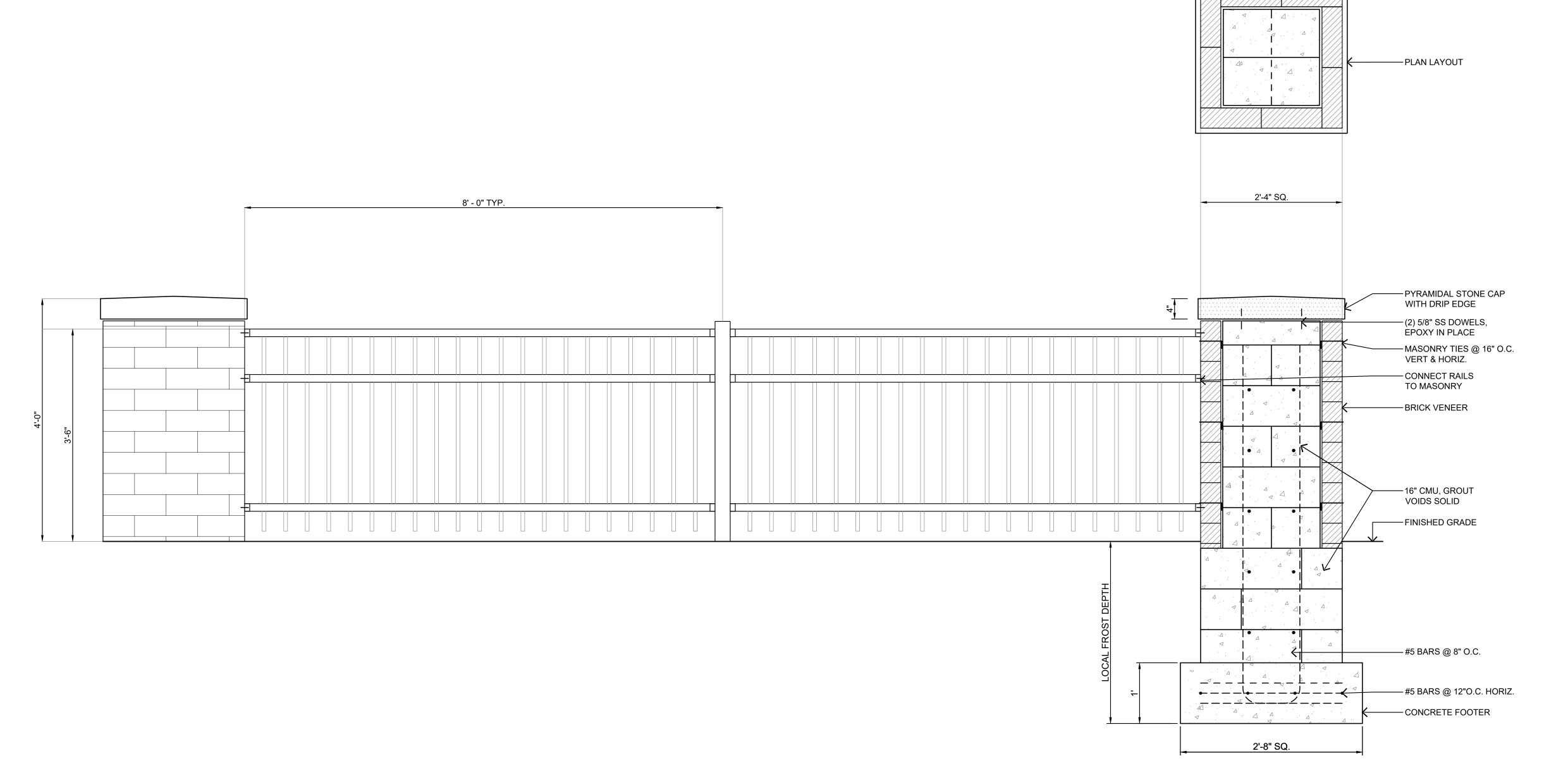
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COMM NO. 2020108.03

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ARCHITECTURE 513.779.7851

PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



FRANKLIN CITY SCHOOLS

FRANKLIN HS - SITE IMPROVEMENTS

140 E 6th Street, Franklin, OH 45005

FRANKLIN CITY SCHOOLS

754 E 4th Street, Franklin, OH 45005

ISSUANCES

11-06-23 DESIGN DEVELOPMENT
03-15-24 PLANNING COMMISSION

COLUMN + FENCING DETAILS

DATE 03-15-2024 COMM NO. 2020108.03

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NOTE:

UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

THE KLEINGERS GROUP

CIVIL ENGINEERING SURVEYING
LANDSCAPE ARCHITECTURE

6219 Centre Park Dr. West Chester, OH 45069 513.779.7851

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Nklin, OH 45005

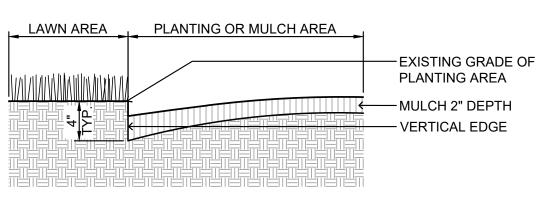
ISSUANCES

11-06-23 DESIGN DEVELOPMENT 03-15-24 PLANNING COMMISSION

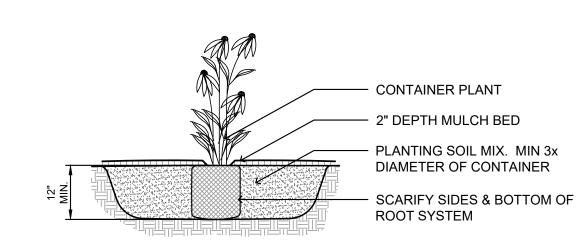
LANDSCAPE DETAILS

03-15-2024 COMM NO. 2020108.03

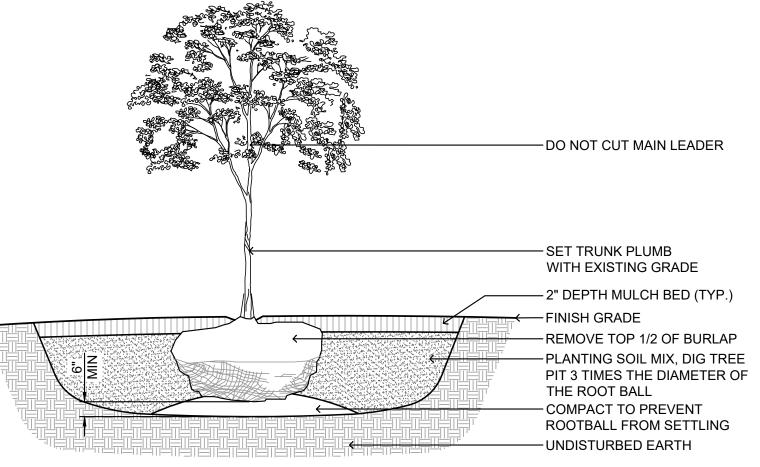
L201



PLANTING BED / TREE PIT EDGING DETAIL



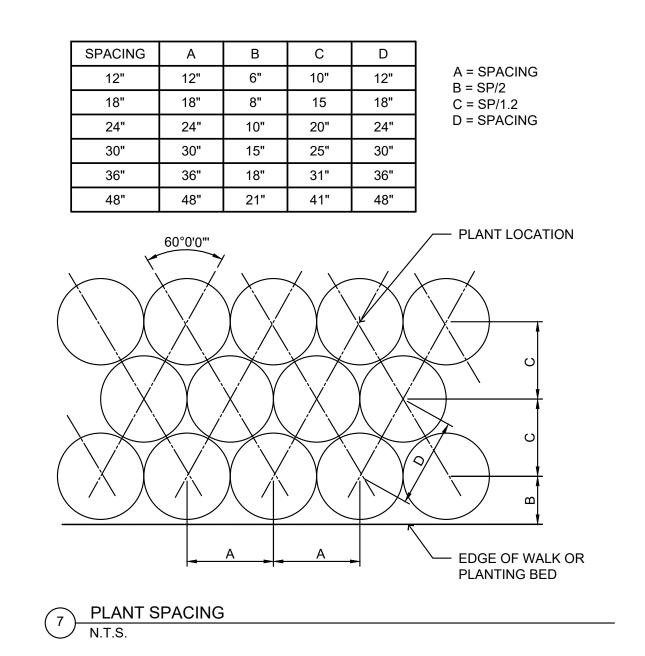
PERENNIAL PLANTING
N.T.S.



1. TOP OF ROOT BALL TO BE 2"-3" ABOVE ADJACENT FINISHED GRADE. REMOVE ALL LABELS, TAGS, OR OTHER FOREIGN MATERIALS FROM LIMBS. THE AMOUNT OF PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES AND TO COMPENSATE FOR THE LOSS OF ROOTS DURING TRANSPLANTING. RETAIN NORMAL SHAPE OF TREE. OWNER'S REPRESENTATIVE WILL DETERMINE AMOUNT OF PRUNING NECESSARY. PLANT TREES AT SAME GRADE AS GROWN IN THE NURSERY. 4. DO NOT STAKE AND GUY TREES UNLESS NEEDED FOR STABILITY BASED ON SITE CONDITIONS OR A DIRECTED BY OWNER'S REPRESENTATIVE.

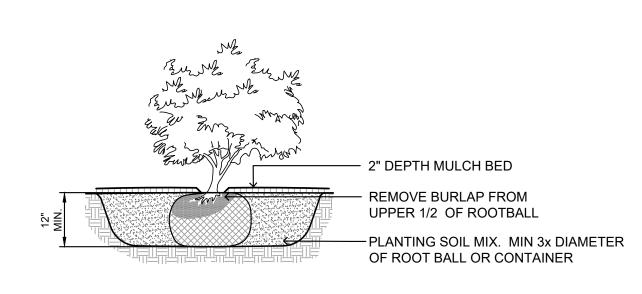
SPECIFICATIONS. 5 DECIDUOUS TREE PLANTING N.T.S.

PROVIDE SLOW RELEASE WATERING DEVICE. ONE PER TREE. REFER TO



— CONTAINER PLANT — 2" DEPTH MULCH BED PLANTING SOIL MIX. MIN 3x
 DIAMETER OF CONTAINER SCARIFY SIDES & BOTTOM OF ROOT SYSTEM

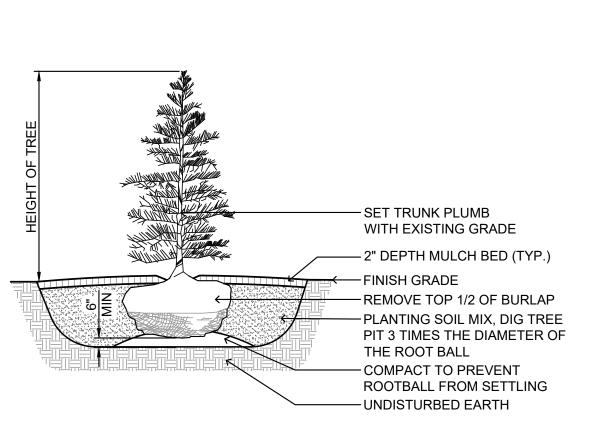
ORNAMENTAL GRASS PLANTING N.T.S.



6219 Centre Park Dr. West Chester, OH 45069

ARCHITECTURE 513.779.7851

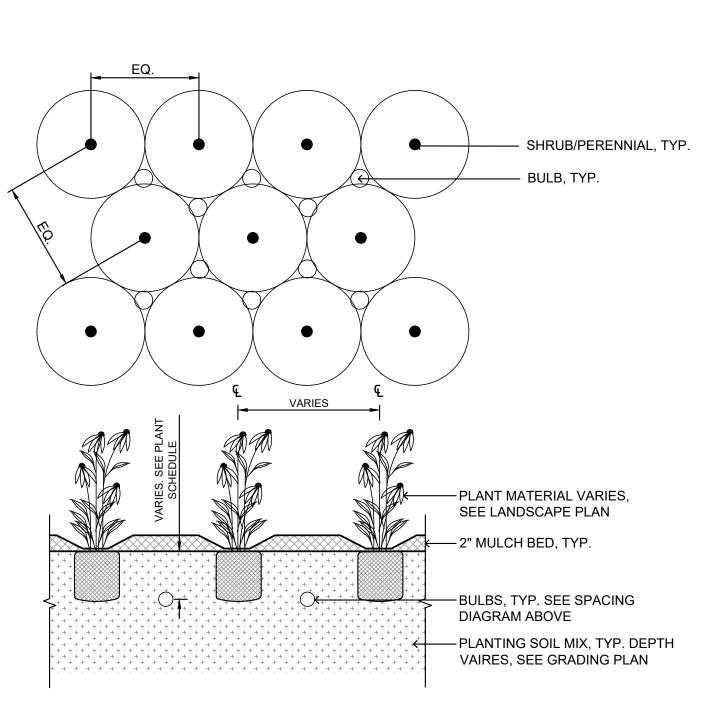
4 SHRUB PLANTING
N.T.S.



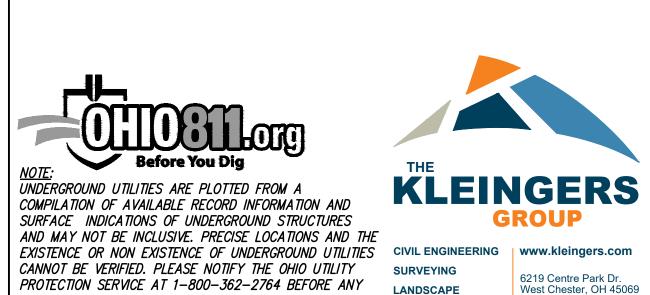
1. TOP OF ROOT BALL TO BE 2"-3" ABOVE ADJACENT FINISHED GRADE. REMOVE ALL LABELS, TAGS, OR OTHER FOREIGN MATERIALS FROM LIMBS. THE AMOUNT OF PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES AND TO COMPENSATE FOR THE LOSS OF ROOTS DURING TRANSPLANTING. RETAIN NORMAL SHAPE OF TREE. OWNER'S REPRESENTATIVE WILL DETERMINE AMOUNT OF PRUNING NECESSARY. PLANT TREES AT SAME GRADE AS GROWN IN THE NURSERY.

4. DO NOT STAKE AND GUY TREES UNLESS NEEDED FOR STABILITY BASED ON SITE CONDITIONS OR A DIRECTED BY OWNER'S REPRESENTATIVE.

6 EVERGREEN TREE PLANTING N.T.S.



8 PERENNIAL / BULB SPACING N.T.S.



PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

LIGHTING FIXTURE LEGEND LIGHTING FIXTURE TAGS - CAPITAL LETTER WITH NUMBER DENOTES FIXTURE TYPE - REFER TO LIGHT FIXTURE SCHEDULE BELOW. - SMALL LETTER DENOTES SWITCH LEG/RELAY NUMBER - REFER TO E100 SERIES DRAWINGS FOR TYPICAL ROOM LAYOUTS.

GENERAL NOTES - LIGHT FIXTURES:

- ALL LIGHT POLE FIXTURES ARE EXISTING TO REMAIN OR EXISTING TO BE RELOCATED.

- INFORMATION BELOW IS FOR REFERENCE ONLY.

	LIGHT FIXTURE SCHEDULE												
FIXTURE TYPE	EXISTING FIXTURE	FIXTURE BASIS OF DESIGN	FIXTURE DESCRIPTION	LAMP	LIGHT DISTRIBUTION	MINIMUM LUMEN OUTPUT	MIN CRI	COLOR TEMPERATURE	DRIVER VOL		XIMUM TTAGE	MOUNTING METHOD	TYPE COMMENTS
P10HS MTG HT 1	Yes	LITHONIA DSX1	POLE LIGHT, FINISH SELECTED BY ARCHITECT, HOUSE SHIELD	LED	TYPE II MEDIUM	6800 lm	70	4000 K	LED DRIVER 277 V	V 55 V	'A I	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OP
P20HS MTG HT 1	Yes	LITHONIA DSX2	POLE LIGHT, FINISH SELECTED BY ARCHITECT, HOUSE SHIELD	LED	TYPE IV MEDIUM	18000 lm	70	4000 K	LED DRIVER 277 V	V 140 \	VA I	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OP
P21 MTG HT 1	Yes	LITHONIA DSX2	POLE LIGHT, FINISH SELECTED BY ARCHITECT	LED	TYPE IV MEDIUM	23000 lm	70	4000 K	LED DRIVER 277 V	V 185 \	VA I	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OP
P21T MTG HT 1	Yes	LITHONIA DSX2	POLE LIGHT, TANDEM HEADS, FINISH SELECTED BY ARCHITECT	LED	TYPE IV MEDIUM	23000 lm	70	4000 K	LED DRIVER 277 V	V 185 V	VA I	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OPI

FOR INFORMATIONAL PURPOSES ONLY. NO NEW BREAKERS, LOADS, OR CIRCUITS ARE REQUIRED.

	Panelboard: L10 Location: ELECT Supply From: MP Mounting: Wall Me Enclosure: NEMA	Volts: 480Y/277 V Phases: 3 Wires: 4								A.I.C. Rating: 35,000 Mains Type: MLO Panel Rating 100.0 A						
СКТ	Circuit Description	Device Notes	Trip	Poles		Α	E	3		c	Poles	Trip	Device Notes		t Description	СКТ
1	L - 1100D, 1106, 1106B-1113T	EX	20	1	2388	332					1	20	EX	L - EXTERIOR A	•	2
3	L - 1100C, 1100E, 1103-1105, 1106A,	EX	20	1			1538	1526			1	20	EX	L - 1100C, 1100C	G, 1124-1131	4
5	L - 1114	EX	20	1					2850	2870	1	20	EX	L - 1100H, 1132,	1200F, 1234-1236	6
7	L - 1100C, 1000F, 1116-1123	EX	20	1	2029											8
9	LCP1	EX	20	1			180									10
11	L - SITE LIGHTING WEST PARKING	EX	20	1					1040							12
13																14
15																16
17																18
19																20
21																22
23																24
25																26
27																28
29																30
31																32
33																34
35																36
37	Spare	EX	20	1	0	0					1	20	EX	Spare		38
39	Spare	EX	20	1			0	0			1	20	EX	Spare		40
41	Spare	EX	20	1					0	0	1	20	EX	Spare		42
				al Load:		9 VA	3244			0 VA						
			Tota	al Amps:	18.	0 A	11.	7 A	25.	.2 A						
_ = LIG	SHTS													Panel	Totals	
	CEPTACLES															
M = ME	CHANICAL EQUIPMENT												To	otal Conn. Load:	14753 VA	
P = PL	UMBING EQUIPMENT												To	tal Est. Demand:	14753 VA	
														l Conn. Current:		
												То	tal Est. [Demand Current:	17.7 A	
Notes:	NG PANEL															

WIRING METHODS SCHEDULE

AP	PLICATION	LOCATION	ALLOWABLE CONDUIT AND RACEWAY TYPE	OUTLET BOXES	CONDUIT BODIES	ENCLOSURE TYPE	FASTENERS/ SUPPORTS	CONDUIT AND RACEWAY NOTES:	
		FEEDERS	FEEDERS RNC					-MINIMUM SIZE 1"C	
S	BELOW	BRANCH CIRCUITS	RNC	SIZE 1"C				-DO NOT ROUTE BRANCH CIRCUITS UNDER SLAB UNLESS OTHERWISE NOTED ON THE	
PPLICATION	GRADE							PLANS.	
RIOR A		ALL OTHER LOCATIONS	IMC AND RSC					-CONDUIT SHALL ENTER FROM SIDE OR BOTTOM WHERE PRACTICAL.	
EXTERI	ABOVE GRADE			GALVANIZED MALLEABLE IRON	GALVANIZED MALLEABLE IRON	NEMA 3R	GALVANIZED	-PROVIDE WATERTIGHT HUBS FOR CONDUIT CONNECTION.	

NOTES:

A) UNFINISHED SPACES INCLUDE DEDICATED MECHANICAL, ELECTRICAL, AND TECHNOLOGY ROOMS ONLY. UNLESS OTHERWISE INDICATED ON DRAWINGS, TREAT ALL OTHER SPACES AS FINISHED SPACES.

B) CONDUITS FOR BRANCH CIRCUITS NOT PERMITED UNDER SLAB, UNLESS OTHERWISE INDICATED ON DRAWINGS.

CONDUCTOR AND CONDUIT COLOR CODING

CONDUCTOR AND CO	NDOIT COLOR CODING
APPLICATION	COLOR
PHASE A CONDUCTOR	BROWN (480V), BLACK (208V)
PHASE B CONDUCTOR	ORANGE (480V), RED (208V)
PHASE C CONDUCTOR	YELLOW (480V), BLUE (208V)
NEUTRAL CONDUCTOR	GREY (480V), WHITE (208V)
GROUND CONDUCTOR	GREEN
CONTROL CONDUCTOR, 120V	RED
CONTROL CONDUCTOR, NEU	WHITE
CONTROL CONDUCTOR, 24V	BLUE
CONTROL CONDUCTOR, EXTERNAL SOURCE	YELLOW

ABBREVIATIONS:
CA CAST ALUMINUM

SMT ELECTRICAL METALLIC TUBING
CALVANIZED

CARLE IRC GALVANIZED MALLEABLE IRON
INTERMEDIATE METAL CONDUIT
LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT METAL CLAD CABLE POLYVINYL CHORIDE, SCHEDULE 40

SHEET METAL

26-ELECTRICAL SHEET LIST - SITE IMPROVEMENT

SHEET NUMBER

E010 ELECTRICAL LEGENDS E710 ELECTRICAL SITE IMPROVEMENT PLANS

E711 ELECTRICAL SITE IMPROVEMENT ZONING PLAN

SHEET NAME

DRAFTING SYMBOL LEGEND

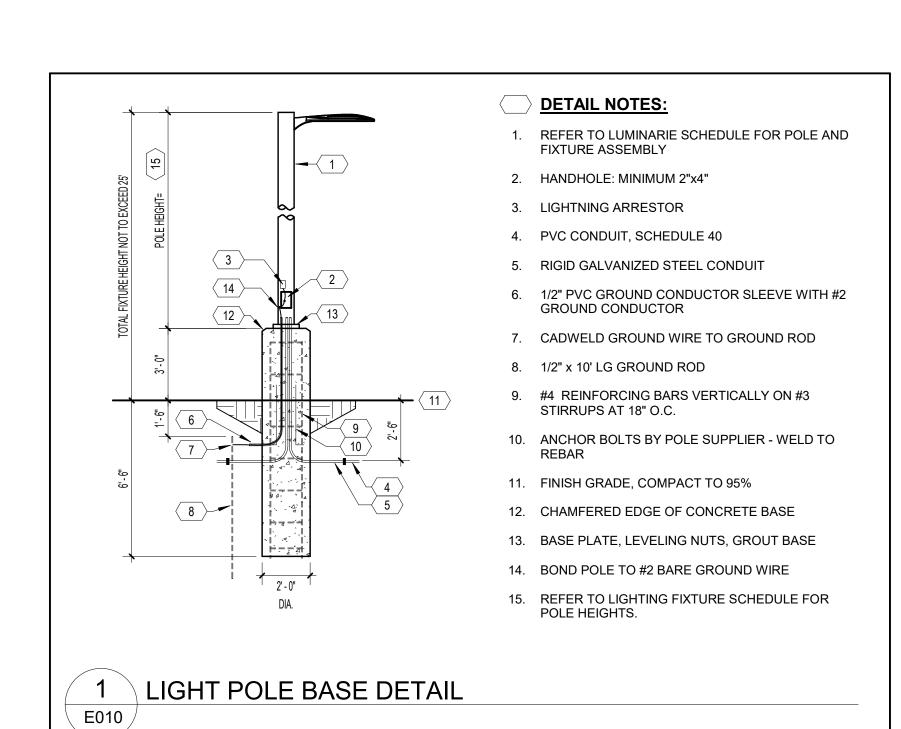
SYMBOL	DESCRIPTION						
X	DRAWING KEY NOTE ONLY NOTES THAT APPLY APPEAR ON EACH SHEET. KEY NOTE NUMBERS ARE CONSISTENT FROM SHEET TO SHEET, AND THEREFORE MAY NOT APPEAR IN NUMERICAL ORDER.						
2 E501	DETAIL CALLOUT REFER TO DETAIL 2 ON SHEET E501						

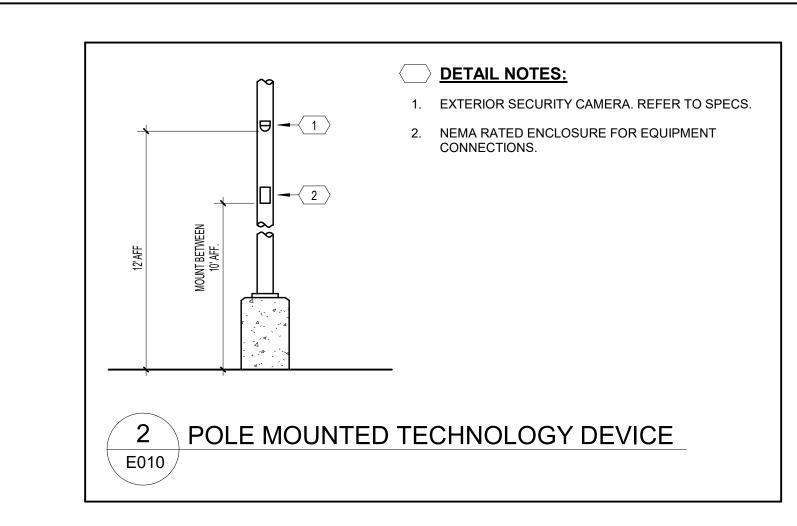
TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT			
	—PAN / TILT / ZOOM —SECURITY CAMERA	MOUNT AS SHOWN BELOW UNLESS OTHERWISE NOTED			
*1	WALL MOUNT	EXTERIOR - 12'-0" AFF			

WIRING DEVICE LEGEND







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FRANKLIN CITY S

LIN HS - SITE I

140 E 6th St, Franklin, RANKL **ISSUANCES** 11-06-23 DESIGN DEVELOPMENT

MEN.

Y SCHOOLS
IMPROVEI

ELECTRICAL

LEGENDS

COMM NO. 2020108.03

E010

DEMOLITION DRAWING NOTES

- A. DRAWING IS BASED ON FIELD OBSERVATIONS AND EXISTING A. PERFORM ALL EXCAVATION, TRENCHING AND BACKFILL DRAWINGS. NOTIFY CM OF DISCREPANCIES DUE TO ACTUAL FIELD CONDITIONS BEFORE PROCEEDING.
- B. FIXTURES, DEVICES, AND EQUIPMENT DENOTED BY BOLD, DASHED LINE TYPE OR LABELLED BY ED GENERALLY INDICATES EQUIPMENT TO BE DEMOLISHED. REFER TO DRAWING NOTES AND KEYNOTES FOR FULL EXTENT OF ASSOCIATED DEMOLITION WORK AND ITEMS TO REMAIN. UNLESS OTHERWISE NOTED, REMOVE WIRING BACK TO ABOVE FINISHED CEILING. MAINTAIN CIRCUITS FOR CONNECTION TO NEW DEVICES.

GENERAL NOTES - SITE PLAN

- REQUIRED FOR THE INSTALLATION OF THIS WORK. ALL BACKFILL SHALL BE BROUGHT TO FINISHED GRADE AND MATCH SURROUNDING CONDITIONS. RESTORE ALL DISTURBED PAVING AND LANDSCAPING TO ORIGINAL CONDITIONS. PULL BOXES SHALL BE PROVIDED OF THE TYPE MEETING THE REQUIREMENTS AND CONDITIONS FOR THE USE INTENDED. PROVIDE QUANTITY AND TYPE OF PULL BOXES TO MEET INSTALLATION REQUIREMENTS.
- B. COORDINATE DEPTH AND ROUTING OF UNDERGROUND WORK WITH OTHER SITE UTILITIES.
- C. COORDINATE PHASING AND SCHEDULING OF ALL SITE WORK WITH CONSTRUCTION MANAGER.

KEYNOTES

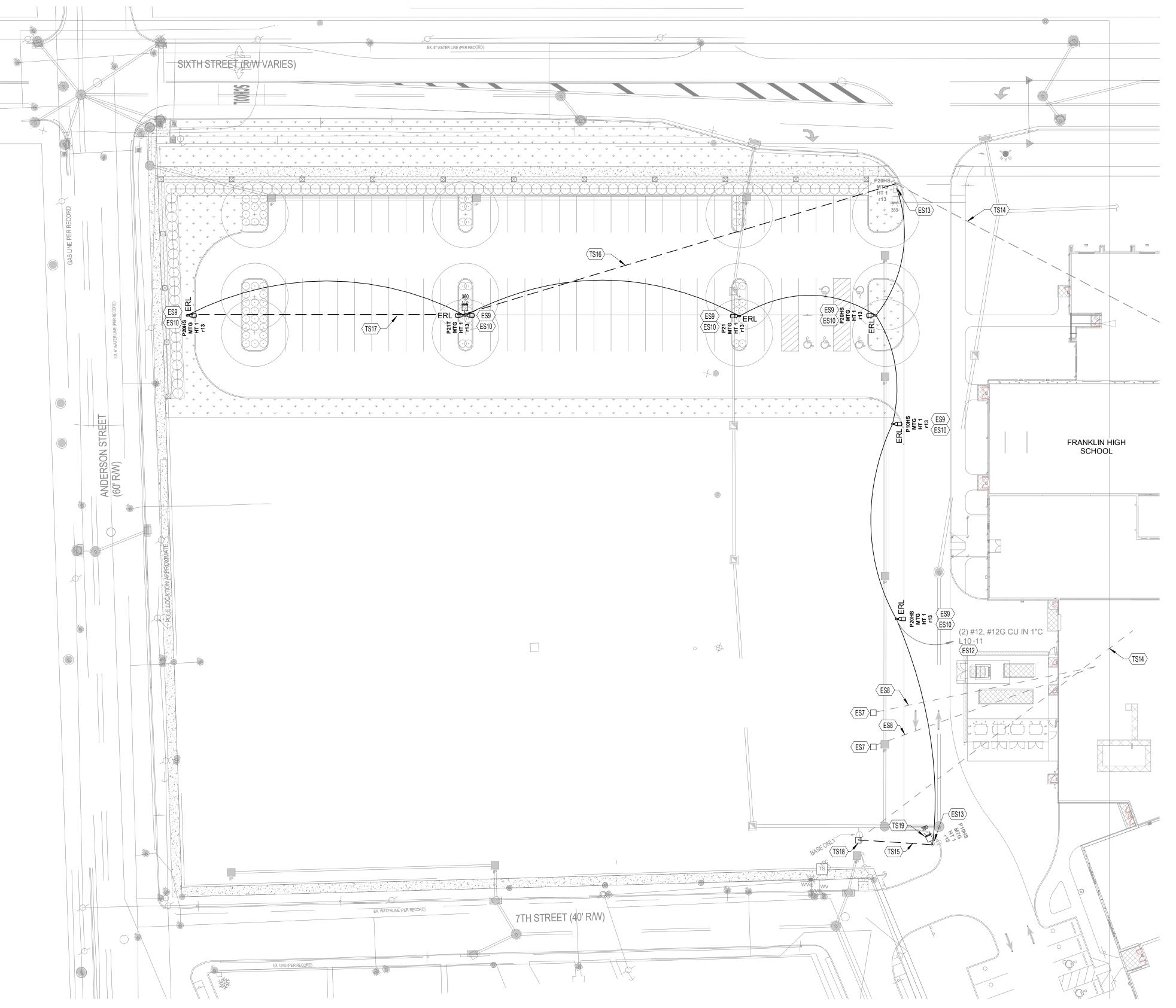
- ED10 DISCONNECT AND PREPARE LIGHT POLE FIXTURE, ALL ASSOCIATED MOUNTING HARDWARE, AND ALL OTHER COMPONENTS NECESSARY FOR REINSTALLATION AND PREPARE FOR STORAGE. DISCONNECT AND REMOVE BRANCH CIRCUIT BACK TO LAST ACTIVE LIGHT POLE FIXTURE. DEMOLISH CONCRETE POLE BASE.
- DEMOLISH EVSE CONCRETE BASE. CUT CONDUIT BACK TO LINE SHOWN ON PLAN. MAINTAIN THE REST OF THE CONDUIT AND PULL STRINGS FOR FUTURE USE.
- ED13 DISCONNECT AND PREPARE LIGHT POLE FIXTURE, ALL ASSOCIATED MOUNTING HARDWARE, AND ALL OTHER COMPONENTS NECESSARY FOR REINSTALLATION AND PREPARE FOR STORAGE. DEMOLISH CONCRETE POLE BASE.
- MAINTAIN BRANCH CIRCUIT CONDUIT AND WIRING HOMERUN BACK TO PANELBOARD L10.
- REMOVE EXISTING TECHNOLOGY INFRASTRUCTURE AND EQUIPMENT AND PREPARE FOR RELOCATION TO ADJACENT EXISTING TO REMAIN POLE.
- PROVIDE ELECTRICAL QUAZITE BOX TO MAINTIAIN EXISTING CONDUIT FOR FUTURE USE.
- EXISTING CONDUIT AND PULLSTRING BACK TO SERVING PANEL SHALL REMAIN TO THE EXTENT INDICATED.
- PROVIDE NEW CONCRETE BASE FOR THE RELOCATED LIGHT POLE. REFER TO DETAIL 1/E010 FOR ADDITIONAL REQUIREMENTS.

KEYNOTES

- PROVIDE NEW UNDERGROUND CONDUIT AND WIRING TO RELOCATED LIGHT POLE LOCATION. NEW CONDUIT AND WIRING SHALL MATCH EXISTING.
- EXISTING LIGHT POLE FIXTURE AND 1" UNDERGROUND CONDUIT SHALL REMAIN. PREPARE EXISTING UNDERGROUND BRANCH CIRCUIT FOR INTERCEPTION OF NEW BRANCH
- UTILIZE EXISTING CONDUIT AND WIRING HOMERUN BACK TO PANELBOARD L10.
- PROVIDE NEW UNDERGROUND CONDUIT AND WIRING TO EXISTING LIGHT POLE AS REQUIRED. NEW CONDUIT AND WIRING SHALL MATCH EXISTING.
- EXISTING 1" UNDERGROUND TECHNOLOGY CONDUIT FOR
- SECURITY CAMERA SHALL REMAIN. PROVIDE NEW 1" UNDERGROUND TECHNOLOGY CONDUIT AND WIRING FROM DEMOLISHED LIGHT POLE LOCATION FOR

RELOCATED SECURITY CAMERA.

- PROVIDE NEW 1" UNDERGROUND TECHNOLOGY CONDUIT AND WIRING FROM EXISTING SECURITY CAMERA TO NEW SECURITY
- EXTEND 1" UNDERGROUND TECHNOLOGY CONDUIT FOR
- FUTURE SECURITY CAMERA LOCATION. PROVIDE QUAZITE BOX FOR TECHNOLOGY CONDUIT.
- INSTALL PREVIOUSLY PROCURED SITE SECURITY CAMERA ONTO EXISTING LIGHT POLE.



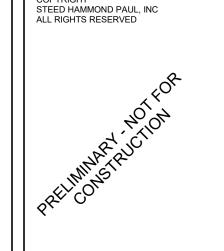


ELECTRICAL SITE IMPROVEMENT DEMOLITION PLAN

FRANKLIN HIGH SCHOOL

(2) #12, #12G CU IN 1"C





M FRANKLIN CITY RANKLIN HS - SITE

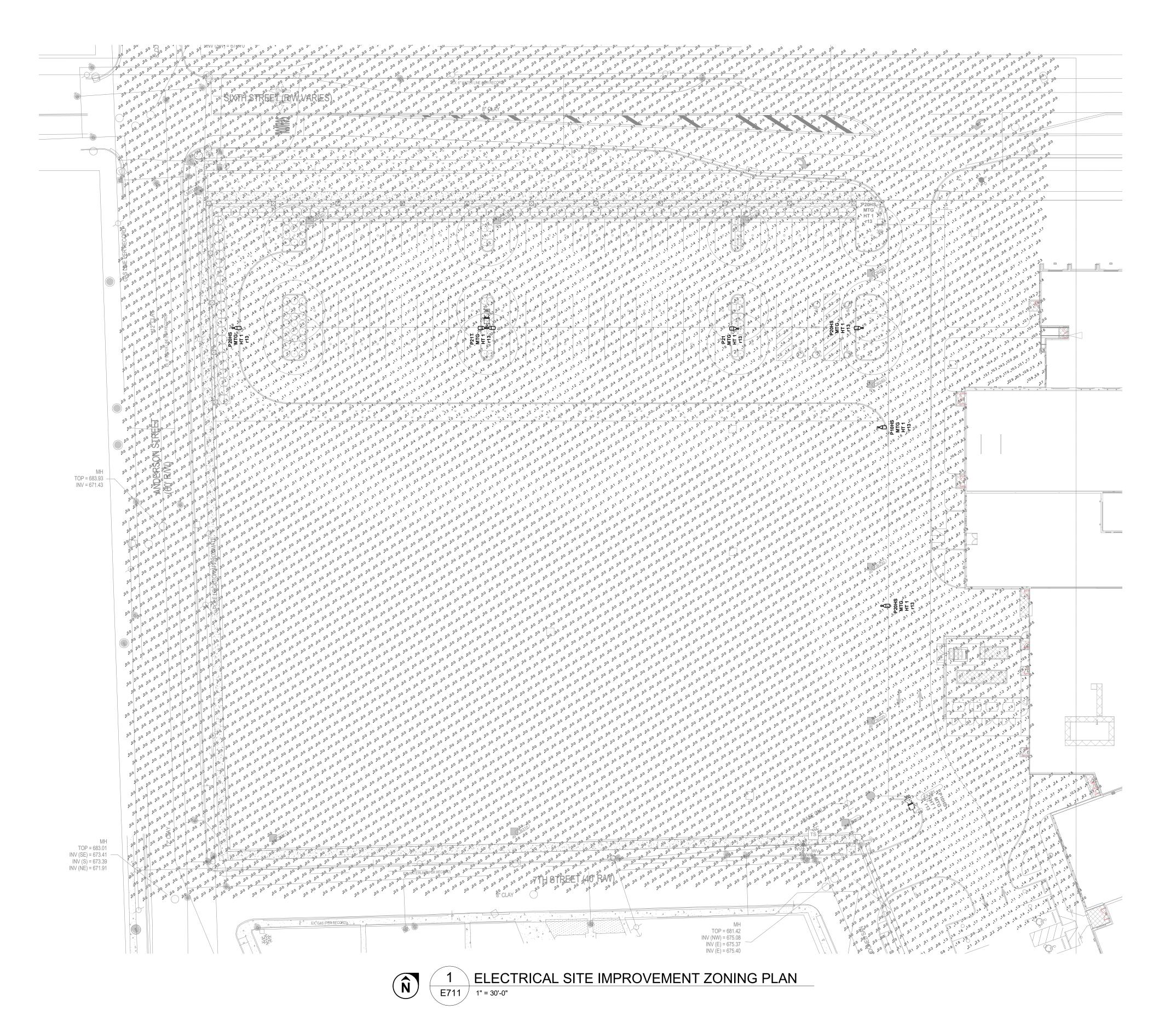
11								
ISSUANCES								
	11-06-23	DESIGN DEVELOPMENT						

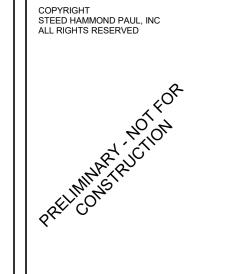
ELECTRICAL SITE IMPROVEMENT PLANS

COMM NO. 2020108.03

E710

LIGHT FIXTURE SCHEDULE													
FIXTURE TYPE	EXISTING FIXTURE	FIXTURE BASIS OF DESIGN	FIXTURE DESCRIPTION	LAMP	LIGHT DISTRIBUTION	MINIMUM LUMEN OUTPUT	MIN CRI	COLOR TEMPERATURE	DRIVER	VOLTAGE	MAXIMUM WATTAGE		TYPE COMMENTS
P10HS MTG HT 1	Yes	LITHONIA DSX1	POLE LIGHT, FINISH SELECTED BY ARCHITECT, HOUSE SHIELD	LED	TYPE II MEDIUM	6800 lm	70	4000 K	LED DRIVER	277 V	55 VA	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OPR
P20HS MTG HT 1	Yes	LITHONIA DSX2	POLE LIGHT, FINISH SELECTED BY ARCHITECT, HOUSE SHIELD	LED	TYPE IV MEDIUM	18000 lm	70	4000 K	LED DRIVER	277 V	140 VA	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OPR
P21 MTG HT 1	Yes	LITHONIA DSX2	POLE LIGHT, FINISH SELECTED BY ARCHITECT	LED	TYPE IV MEDIUM	23000 lm	70	4000 K	LED DRIVER	277 V	185 VA	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OPR
P21T MTG HT 1	Yes	LITHONIA DSX2	POLE LIGHT, TANDEM HEADS, FINISH SELECTED BY ARCHITECT	LED	TYPE IV MEDIUM	23000 lm	70	4000 K	LED DRIVER	277 V	185 VA	POLE MOUNTED	17' POLE WITH 3' CONCRETE BASE - REFER TO DETAIL 1/E010. INTEGRAL OCCUPANCY SENSOR PER OPR





t., Ste 111 | 223 Fairfield Ave., Ste 100 | Bellevue, KY 41073 | 859.360.1234

2 Plum St., Ste 700 | 1086 North 4th St., Ste 111 | 223 Fairfield Ancinnati, OH 45202 | Columbus, OH 43201 | Bellevue, KY 33.381.2112 | 614.223.2124

FRANKLIN CITY SCHOOLS
FRANKLIN HS - SITE IMPROVEMENT
140 E 6th St, Franklin, OH 45005

ISSUANCES

15-24 PLANNING COMMISSION

ELECTRICAL SITE IMPROVEMENT ZONING PLAN

COMM NO. 2020108.03

E711