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# CITY OF CLEVELAND CUYAHOGA COUNTY, OHIO VARIETY VILLAGE PARKING DEVELOPMENT

WESTTOWN COMMUNITY DEVELOPMENT CORPORATION

10/24/2018 BID SET

PROJECT DESCRIPTION

NEW CONSTRUCTION OF APPROXIMATELY 44,101 SQUARE FEET OF PARKING LOT, INCLUDING CONSTRUCTION OF PAVEMENT, INFILTRATING YARD INLETS, STORM SEWER, INFILTRATION TRENCHES AND STREETScape AMENITIES.

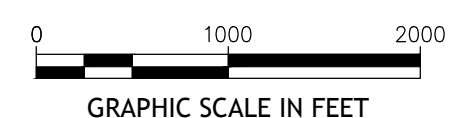
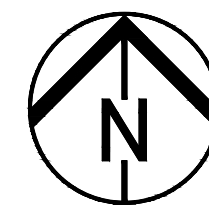
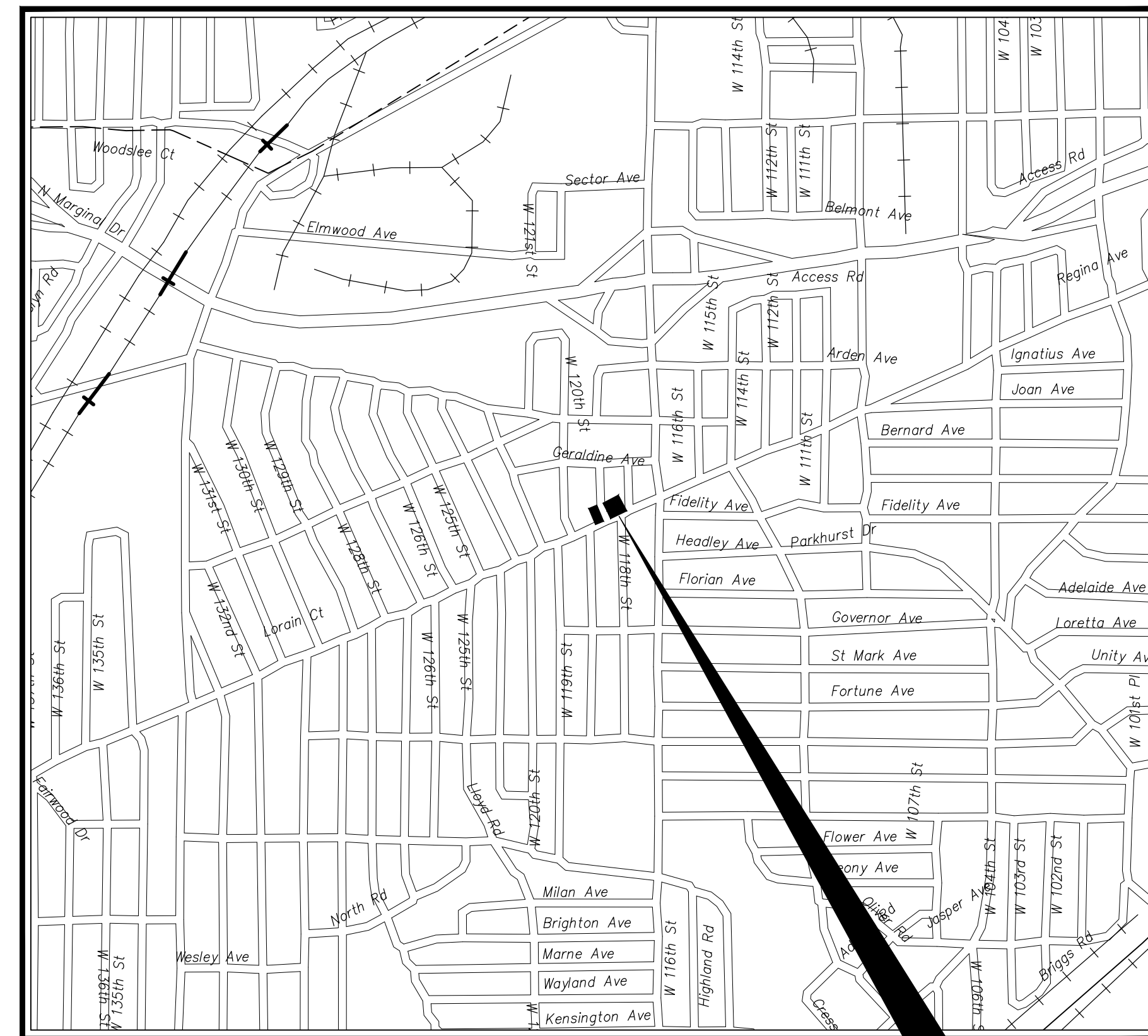
PLANS PREPARED AND RECOMMENDED BY:



450 GRANT STREET AKRON, OH 44311  
2800 EUCLID AVENUE, SUITE 509 CLEVELAND, OH 44115  
T: 330.375.1390 F: 330.375.1590 WWW.ENVDESIGNGROUP.COM

SITE PLAN LEGEND

| EXISTING     | PROPOSED     |  |
|--------------|--------------|--|
| ---          | — C — E —    | CENTERLINE/BASELINE CONSTRUCTION                               |
| ---          | ---          | PROPERTY LINE  |
| — Ex R/W —   | — R/W —      | RIGHT OF WAY   |
| ---          | ---          | EASEMENT   |
| ---          | — TMP —      | TEMPORARY RIGHT OF WAY   |
| ---          | ---          | SWALE  |
| ---1000---   | ---1000---   | CONTOUR  |
| ST X" STM ST | ST X" STM ST | STORM SEWER  |
| X" SAN       | X" SAN       | COMBINED SEWER   |
| SA X" SAN SA | SA X" SAN SA | SANITARY SEWER   |
| X" WTR W     | W X" WTR     | WATER LINE   |
| G X" GAS     | G X" GAS     | GAS LINE   |
| UGE          | E            | ELECTRIC LINE, UNDERGROUND                                     |
| T            | T            | TELEPHONE LINE, UNDERGROUND                                    |
| FOC          | FOC          | FIBER OPTIC LINE, UNDERGROUND                                  |
| CATV         | ---          | CABLE LINE, UNDERGROUND  |
| □            | ■ ● ○        | CATCH BASIN, MANHOLE<br>MANHOLE ADJUSTED TO GRADE              |
| ○            | ○            | HYDRANT, HYDRANT ASSEMBLY                                      |
| ○            | ○            | VALVE, WV=WATER VALVE GV=GAS VALVE                             |
| ○            | ○            | POWER POLE, TELEPHONE POLE,<br>SIGNAL POLE, LIGHT POLE         |
| IPFO         | IPS ●        | IRON PIN/PIPE FOUND, IRON PIN SET                              |
| MON □        | MON ■        | MONUMENT BOX   |
| ---          | ---          | SIGN   |
| ---          | ---          | MAILBOX  |
| ---          | ---          | FLAG POLE, DECORATIVE/YARD LIGHT                               |
| ○            | ○            | TREE, SHRUB LINE,<br>TREE REMOVED, TREE LIMBED AND ROOT PRUNED |
| # 1000       | ---          | BASEMENT ELEVATION   |



LOCATION MAP

11902 to 11808 LORAIN AVE  
PARCELS:  
021-22-023, 021-22-022  
021-22-143, 021-22-020  
021-22-021, 021-22-019  
021-22-017, 021-22-018

| ODOT STANDARD CONSTRUCTION DRAWINGS |         | CITY OF CLEVELAND STANDARD CONSTRUCTION DRAWINGS |           | ODOT SUPPLEMENTAL SPECIFICATIONS |          |
|-------------------------------------|---------|--|-----------|----------------------------------|----------|
| STD DWG NO                          | DATE    | STD DWG NO                                       | DATE      |                                  |          |
| BP-4.1                              | 7/19/13 | PR 1   | 4/14/2008 | 800-2016                         | 10/20/17 |
|                                     |         | CONC 1   | 7/8/2008  | 832                              | 1/17/14  |
|                                     |         | TP-1   | 4/14/2008 |                                  |          |
|                                     |         | CB-1   | 7/8/2008  |                                  |          |
|                                     |         | D-23   | 1/1/2014  |                                  |          |

**UNDERGROUND UTILITIES**  
CONTACT BOTH SERVICES TWO WORKING DAYS BEFORE YOU DIG.

**OHIO Utilities Protection SERVICE**  
Call Before You Dig  
1-800-362-2764  
(Non-members must be called directly)

**OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE**  
1-800-925-0988

- FRANK G. JACKSON  
MAYOR
- KEVIN KELLEY  
PRESIDENT OF COUNCIL
- DONA BRADY  
COUNCILMEMBER OF WARD 11
- MATTHEW SPRONZ, PE, PMP  
DIRECTOR OF CAPITAL PROJECTS
- TANIA MANESSE  
DIRECTOR OF COMMUNITY DEVELOPMENT
- CARTER EDMAN  
MANAGER OF ARCHITECTURE AND SITE DEVELOPMENT

MISSION STATEMENT

WE ARE COMMITTED TO IMPROVING THE QUALITY OF LIFE IN THE CITY OF CLEVELAND BY STRENGTHENING OUR NEIGHBORHOODS, DELIVERING SUPERIOR SERVICES, EMBRACING THE DIVERSITY OF OUR CITIZENS AND MAKING CLEVELAND A DESIRABLE, SAFE CITY IN WHICH TO LIVE, WORK, RAISE A FAMILY, SHOP, STUDY, PLAY AND GROW OLD.

LANDSCAPE ARCHITECTS SEAL:

SIGNED: *Katherine Gluntz Holmok*  
DATE: 10/17/2018

FEDERAL PROJECT NO. NONE  
PID NO. NONE  
CONSTRUCTION PROJECT NO. NONE  
RAILROAD INVOLVEMENT NONE  
VARIETY VILLAGE PARKING DEVELOPMENT  
1/15



ALL ITEM NUMBERS REFER TO THE 2016 STATE OF OHIO, DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, CITY OF CLEVELAND SPECIFICATIONS AND PROJECT SPECIFICATIONS. ALL EQUIPMENT, MATERIAL AND WORKMANSHIP SHALL BE PERFORMED ACCORDING TO THESE SPECIFICATIONS AND THE REFERENCED OHIO DEPARTMENT OF TRANSPORTATION, CITY OF CLEVELAND AND CLEVELAND PUBLIC POWER STANDARD DRAWINGS NOTED ON THE TITLE SHEET AND IN THE DRAWINGS.

- CONTRACTOR TO PROVIDE CONCRETE BASES, CONDUIT AND WEATHER HEADS. CONTRACTOR WILL ALSO NEED TO COORDINATE WITH CPP INSTALLATION OF LIGHTING (POLES WIRING)
- SHOW PARKING LOT LIGHTS AS BASE BID WORK AND ORNAMENTAL LIGHTS AS OPTION #5 WORK.

**MATERIAL TESTING AND PERMITS**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT. THE CITY SHALL COORDINATE THESE PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL TESTING. MATERIAL TESTING IS REQUIRED FOR ASPHALT CONCRETE, CONCRETE, AND AGGREGATES FOR TRENCH BEDDING AND BACKFILL.
- COMPACTION RATES ARE 98% OF THE MAXIMUM DRY DENSITY PER AASHTO T-99 FOR THE VARIOUS LIFTS OF BACKFILL AND THEY SHALL BE VERIFIED IN THE FIELD AS CONSTRUCTION PROGRESSES. THE CONTRACTOR WILL PAY FOR THE SERVICES OF AN INDEPENDENT QUALIFIED GEOTECHNICAL ENGINEER TO COMPLETE THIS WORK. THE GEOTECHNICAL ENGINEER SHALL RUN PROCTOR TESTS FOR THE BACKFILL MATERIAL AND BE ON-SITE FULL TIME TO VERIFY THE SPECIFIED COMPACTION RATES.
- NO COMPACTION SHALL OCCUR WITHIN THE FOOTPRINT OF THE INFILTRATION TRENCH.

**UTILITY OWNERSHIP**

THE FOLLOWING UTILITIES AND OWNERS COULD BE LOCATED WITHIN THE WORK LIMITS OF THE PROJECT:

|   |   |
|---|---|
| DOMINION EAST OHIO<br>320 SPRINGSIDE DRIVE, SUITE 320<br>AKRON, OH 44333<br>(330) 664-2409<br>ATTN: MARY LONG | CLEVELAND PUBLIC POWER<br>1300 LAKESIDE AVE.<br>CLEVELAND, OH 44114<br>(216) 664-4600<br>ATTN: BEAU STEINMETZ<br>(216) 563-7265<br>BSTEINMETZ@CPP.ORG |
| NORTHEAST OHIO REGIONAL<br>SEWER DISTRICT<br>3826 EUCLID AVE.<br>CLEVELAND, OH 44115<br>(216) 881-8247        | CITY OF CLEVELAND –<br>WATER POLLUTION<br>CONTROL<br>12302 KIRBY AVE.<br>CLEVELAND, OH 44108<br>(216) 664-2513  |
| CENTURYLINK LOCAL<br>3801 ELM RD.<br>WARREN, OH 44483<br>(330) 841-1404<br>ATTN: ROD HARRIS                   | CLEVELAND ELECTRIC<br>ILLUMINATING COMPANY<br>6896 MILLER RD.<br>BRECKSVILLE, OH 44141<br>(440) 358-4991<br>ATTN: RALPH DELLIGATTI                    |
| CLEVELAND WATER<br>DEPARTMENT<br>1201 LAKESIDE AVE.<br>CLEVELAND, OH 44114<br>216-664-2444 EXT. 5555          | AT&T<br>13630 LORAIN AVE.<br>CLEVELAND, OH 44111<br>(216) 476-6142<br>ATTN: JAMES JANIS   |
| CHARTER COMMUNICATIONS<br>8150 DOW CIRCLE<br>STRONGSVILLE, OH 44136<br>(216) 392-7963<br>ATTN: GARY NAUMANN   | MCI<br>120 RAVINE ST.<br>AKRON, OH 44303<br>(330) 253-8267<br>ATTN: ALLAN GUEST   |

THE LOCATION OF EXISTING UTILITIES AND STRUCTURES SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AT THE TIME OF SURVEY AND INFORMATION PROVIDED BY THE CITY OF CLEVELAND'S LORAIN AVENUE STREETScape PLANS. THEY ARE SHOWN AS ACCURATELY AS POSSIBLE AND THE OWNER'S REPRESENTATIVE AND OWNERS ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OF THE UNDERGROUND FACILITIES SHOWN ON THE PLANS.

THE CONTRACTOR IS RESPONSIBLE, PRIOR TO CONSTRUCTION, TO DETERMINE THE ACTUAL LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CALL OUPS AT (800) 362-2764 AND OGPUPS AT (800) 925-0988 TWO FULL WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

**CONSTRUCTION SEQUENCE**

THE CONTRACTOR SHALL ENGAGE IN THE CONSTRUCTION OF THE PROJECT SUCH THAT ADEQUATE ACCESS TO THE RESIDENCES AND ALL BUSINESSES IS MAINTAINED AT ALL TIMES. THIS INCLUDES ACCESS TO THE ADJOINING PARKING LOT AT 11916 LORAIN AVENUE.

**REMOVAL OF DEBRIS AND SITE CLEANUP**

THE PROJECT SITE MUST BE KEPT FREE OF CONSTRUCTION DEBRIS, TRASH, PAPER AND OTHER WASTE ITEMS. COLLECT AND REMOVE THESE ITEMS AT THE END OF EACH WORK DAY.

**DUST NUISANCE ORIGINATION**

DUST PRODUCED FROM ANY OPERATIONS INSIDE OR OUTSIDE THE RIGHT-OF-WAY SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH ITEM 616. WATER AND/OR CALCIUM CHLORIDE SHALL NOT BE APPLIED UNLESS ORDERED BY THE ENGINEER.

**PAVEMENT SWEEPING**

AS REQUIRED DURING THE COURSE OF EACH WORK DAY, THE CONTRACTOR SHALL SWEEP ALL PAVED AREAS AFFECTED BY THE DAY'S WORK. PAVEMENT SHALL BE SCRAPED AND SWEEPED TO REMOVE ALL DIRT, MUD AND DEBRIS.

**CLEARING AND GRUBBING**

ALL TREES, STUMPS, ROOTS, SHRUBS AND DEBRIS REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR OFF SITE AT A LOCATION LICENSED TO ACCEPT SUCH MATERIAL. REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OR AS NOTED ON THE DRAWINGS AND AS PER CITY OF CLEVELAND SPECIFICATIONS. FOR TREES, REMOVAL INCLUDES THE ROOT MASS. NO ROOT MASS IS PERMITTED WITHIN THE FOOTPRINT OF ANY PAVEMENT (ASPHALT, CONCRETE, AGGREGATE).

**CLEARING AND GRUBBING – TREE LIMB AND ROOT PRUNING**

THE DECISION TO PRUNE TREES DESIGNATED ON THE PLAN SHALL BE MADE BY THE OWNER AT THE TIME OF CONSTRUCTION. THE OWNER AND CONTRACTOR SHALL CONDUCT A FIELD REVIEW PRIOR TO BEGINNING WORK. THE PLANS DO NOT ALWAYS ACCURATELY REPRESENT THE TREE CANOPY. PRIOR TO BIDDING ON THIS PROJECT, THE CONTRACTOR SHALL MAKE A SITE VISIT TO ASSESS THE EXTENT OF THIS WORK. IF AN EXISTING TREE THAT IS DESIGNATED TO BE TRIMMED IS OUTSIDE OF THE RIGHT-OF-WAY LIMITS, THE PROPERTY OWNER SHALL BE NOTIFIED PRIOR TO PRUNING THE TREE. A PROFESSIONAL TREE TRIMMER SHALL PERFORM THIS WORK IN ACCORDANCE WITH ODOT ITEM 201.03. WHERE LIMBS ARE PRUNED WITHIN THE LIMITS OF EARTHWORK, PIPE/STORM STRUCTURE INSTALLATION, OR PAVEMENT INSTALLATION, THE ROOTS SHALL ALSO BE PROFESSIONALLY PRUNED.

**LIGHTING SPECIFICATIONS**

THESE NOTES ARE SUPPLEMENTAL TO ITEMS 625 AND 725 OF ODOT CMS. THE LIGHTING INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH CLEVELAND PUBLIC POWER (C.P.P.) SPECIFICATIONS.

- CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT NECESSARY TO INSTALL FUNCTIONING DECORATIVE LIGHT POLES AS SPECIFIED ON PLANS, UNDERGROUND CONDUIT, CONCRETE FOUNDATIONS, MOUNTING HARDWARE, GROUNDING EQUIPMENT, PULL BOXES AND OTHER MISCELLANEOUS MATERIALS FOR A FULL AND COMPLETE LIGHTING OF ALL THE PARKING LOT. ALL WORK SHALL BE IN ACCORDANCE WITH ITEM 625, CLEVELAND PUBLIC POWER DETAILS/SPECIFICATIONS, MANUFACTURER'S RECOMMENDATIONS AND THE NATIONAL ELECTRIC CODE (NEC).



PROJECT NAME:

CITY OF CLEVELAND  
DEPARTMENT OF COMMUNITY DEVELOPMENT  
VARIETY VILLAGE PARKING DEVELOPMENT  
LORAIN AVENUE & WEST 119th STREET  
CLEVELAND, OHIO 44111

ISSUED / REVISED

| NO. | DATE     | DESCRIPTION |
|-----|----------|-------------|
| 1   | 10/24/18 | BID SET     |
|     |          |             |
|     |          |             |
|     |          |             |
|     |          |             |
|     |          |             |

TITLE:

GENERAL NOTES

DESIGNED BY: JS/HH DATE: 10/24/18

DELINEATED BY: KGH DATE: 10/24/18

PROJECT NO: 15-00373-020

SCALE: N/A

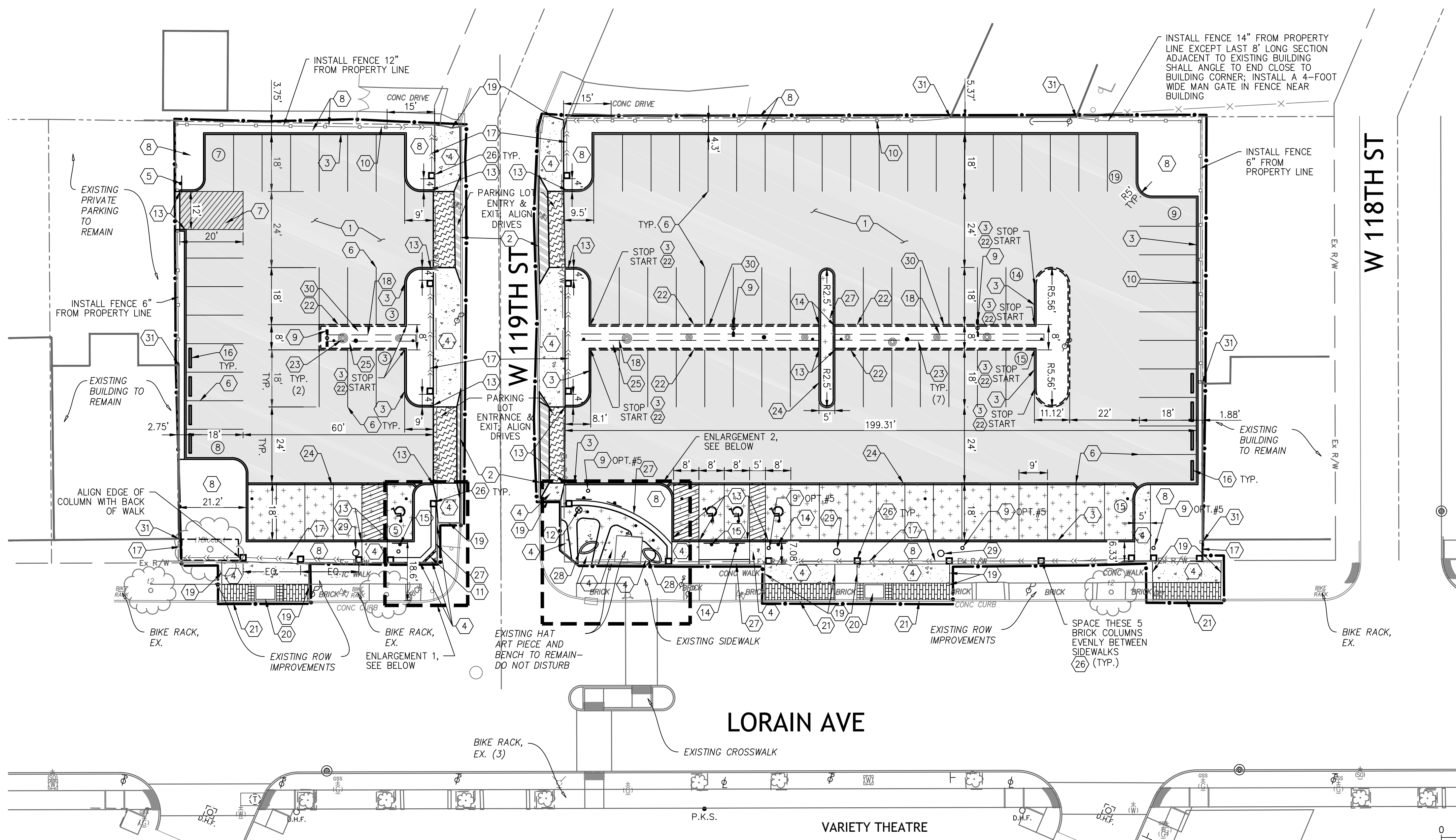
SHEET NO:

City of Cleveland  
Mayor's Office of Capital Projects  
Division of Architecture  
and Site Development  
Cleveland City Hall, 601 Lakeside Avenue, Room 517A  
Cleveland, OH 44114-1015  
Phone : (216) 664-2374  
Fax: (216) 664-4220







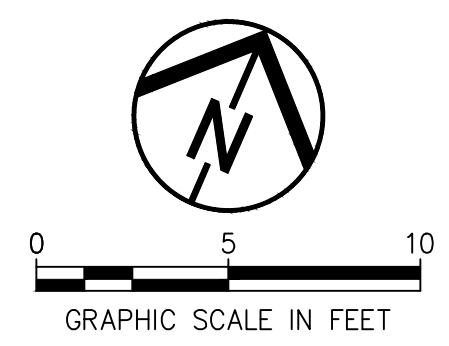
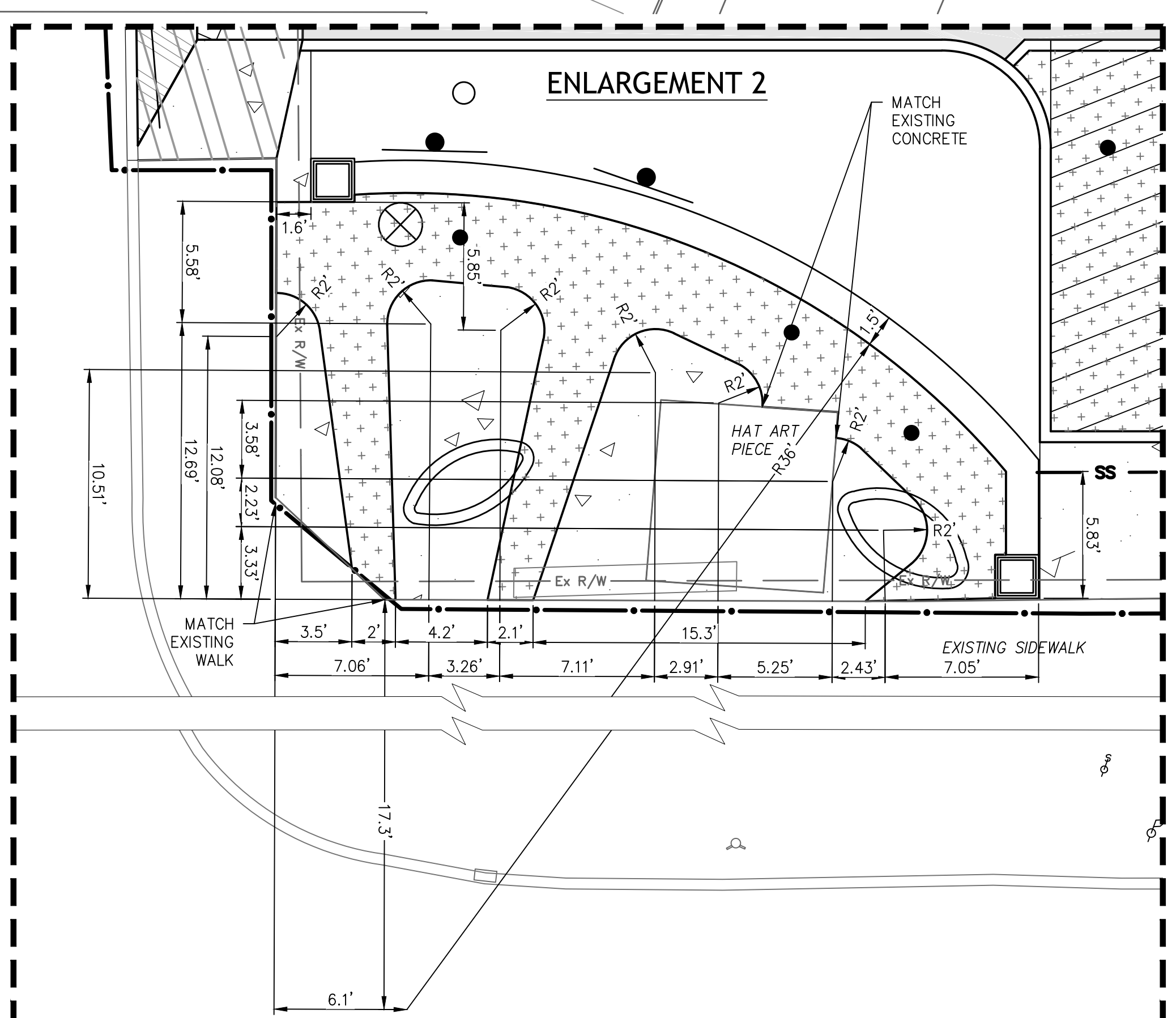
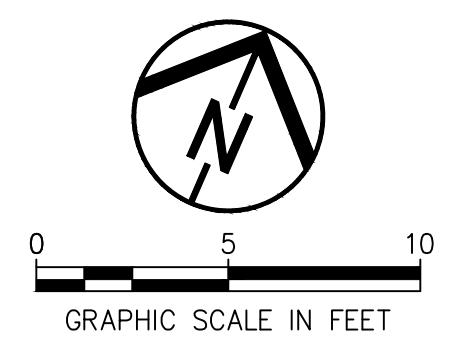
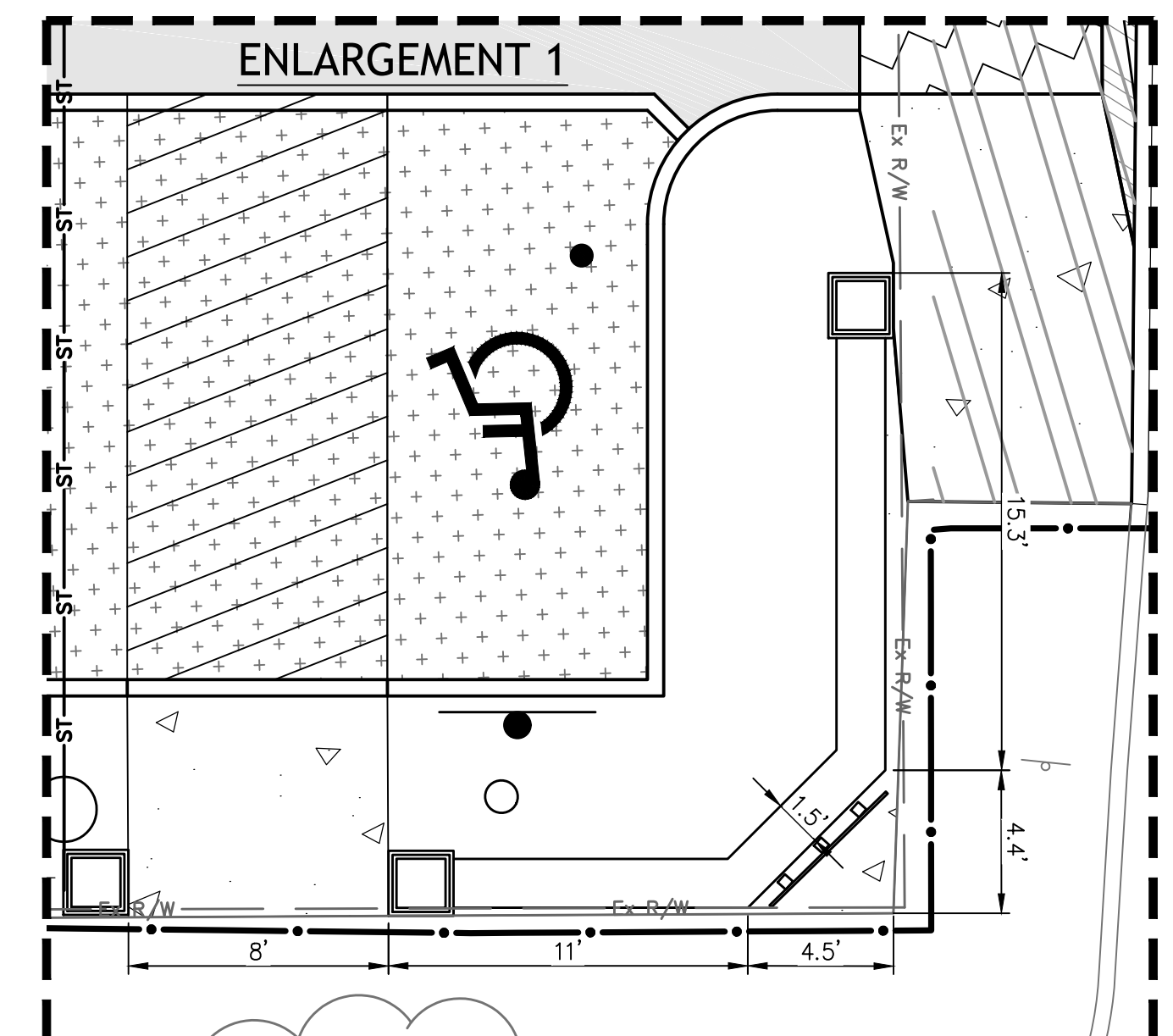


- ### KEY NOTES
- 1 ASPHALT CONCRETE PAVING 1/11
  - 2 CONCRETE APRON 2/15, 3/15
  - 3 CONCRETE CURB 2/15
  - 4 CONCRETE SIDEWALK PER CITY OF CLEVELAND STANDARD SPECIFICATIONS D-23
  - 5 "PRIVATE PARKING BEYOND THIS POINT" SIGN 5/14
  - 6 PAINT STRIPING 5/11
  - 7 NO PARKING AREA STRIPING 6/11
  - 8 PLANTING AREA - SEE LANDSCAPE PLAN
  - 9 LIGHT POLE AND BASE 1/15
  - 10 SCREEN FENCE 1/14
  - 11 INTERPRETIVE SIGN 4/11
  - 12 TRASH RECEPTACLE AS SPECIFIED
  - 13 CURB TAPER 4/12
  - 14 ACCESSIBLE PARKING SIGN 4/14
  - 15 VAN ACCESSIBLE PARKING SIGN 4/14
  - 16 CONCRETE WHEEL STOP 8/14
  - 17 ART DECO STYLE ORNAMENTAL FENCE AS SPECIFIED, FOR FOOTER SEE 7/14
  - 18 INFILTRATION TRENCH, CENTER IN PARKING LOT ISLAND 2/13
  - 19 MEET AND MATCH EXISTING PAVEMENT
  - 20 TREE PIT PER CITY OF CLEVELAND STANDARDS; MATCH EXISTING TREE PITS IN ADJACENT STREETSCAPE
  - 21 CURB TO MATCH EXISTING (PATCH ASPHALT CONCRETE AS NEEDED) 2/15, 3/15
  - 22 MODIFIED VERTICAL CONCRETE CURB 5/12
  - 23 CONCRETE SPHERES AS SPECIFIED - SEE LANDSCAPE PLAN FOR SIZES
  - 24 CONCRETE FLUSH CURB 7/12
  - 25 RIVER ROCK MULCH (50% - #34 & 50% - #1&2 RIVER ROCK GRAVEL MIX; IN PLANTING AREAS, 3" DEPTH, IN ALL OTHER AREAS, 6" DEPTH)
  - 26 BRICK COLUMN 3/11
  - 27 SEAT WALL PER DETAIL 2/11
  - 28 RELOCATE EXISTING PLANTERS AS SHOWN ON THIS SHEET
  - 29 TEST TEE - SEE UTILITY PLAN
  - 30 PARKING LOT CENTER ISLAND PER DETAIL 1/13
  - 31 END FENCE AT BUILDING CORNER

### PARKING TABLE

|                        | CURRENT PLAN (EAST) | CURRENT PLAN (WEST) | CURRENT PLAN (EAST & WEST) |
|------------------------|---------------------|---------------------|----------------------------|
| PARKING - CAR STANDARD | 70                  | 25                  | 95                         |
| PARKING - ADA          | 3                   | 1                   | 4                          |
| TOTAL                  | 73                  | 26                  | 99                         |

BIKE RACK 6 TOTAL EXISTING (NORTH AND SOUTH SIDES OF LORAIN AVENUE)



- ### LEGEND
- EXISTING TREES
  - LIGHT POLE
  - UTILITY POLE
  - SIGNAL POLE
  - SIGN POST
  - CATCH BASIN
  - SANITARY CLEANOUT
  - GAS VALVE
  - WATER VALVE
  - ART DECO STYLE ORNAMENTAL FENCE
  - PROPERTY LINE
  - CONSTRUCTION LIMITS
  - SCREEN FENCE
  - TREE PROTECTION FENCE
  - PROPOSED CONCRETE SIDEWALK PER CITY OF CLEVELAND STANDARDS
  - PROPOSED CONCRETE DRIVE PER CITY OF CLEVELAND STANDARDS
  - PROPOSED CONCRETE APRON PER CITY OF CLEVELAND STANDARDS
  - PROPOSED ASPHALT CONCRETE PAVEMENT
  - PROPOSED RED BRICK PAVERS TO MATCH EXISTING RED STREETSCAPE PAVERS, SEE DETAIL 4/11
  - PROPOSED GRAY PAVERS TO MATCH EXISTING GRAY STREETSCAPE PAVERS, SEE DETAIL 4/11
  - PROPOSED PERMEABLE CONCRETE PAVERS, SEE DETAIL 6/12

City of Cleveland  
 Mayor's Office of Capital Projects  
**Division of Architecture and Site Development**  
 Cleveland City Hall, 601 Lakeside Avenue, Room 517A  
 Cleveland, OH 44114-1015  
 Phone: (216) 664-2374 Fax: (216) 664-4220

**Environmental Design Group**  
 2800 EUCLEID AVE.  
 CLEVELAND, OH 44115  
 450 GRANT STREET  
 CLEVELAND, OH 44115  
 P: 330.375.0390 WWW.ENVDESIGNGROUP.COM  
 F: 330.375.0390

PROJECT NAME:  
**CITY OF CLEVELAND  
 DEPARTMENT OF COMMUNITY DEVELOPMENT  
 VARIETY VILLAGE PARKING DEVELOPMENT**  
 LORAIN AVENUE & WEST 119th STREET  
 CLEVELAND, OHIO 44111

ISSUED / REVISED

| NO. | DATE     | DESCRIPTION |
|-----|----------|-------------|
| 1   | 10/24/18 | BID SET     |

TITLE:  
**LAYOUT PLAN**

DESIGNED BY: JS/HH DATE: 10/24/18  
 DELINEATED BY: KGH DATE: 10/24/18  
 PROJECT NO: 15-00373-020  
 SCALE: 1"=20'  
 SHEET NO: **4**

















**STORMWATER POLLUTION PREVENTION PLAN NOTES**

- CONSTRUCT IN ACCORDANCE WITH THESE PLANS, THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) STANDARD CONSTRUCTION DRAWING DM-4.4 AND THE OHIO RAINWATER AND LAND DEVELOPMENT HANDBOOK (MOST CURRENT VERSION). THE IMPLEMENTATION OF SOIL EROSION AND SEDIMENT CONTROL SHALL ALSO CONFORM TO THE REQUIREMENTS OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) UNDER NPDES PERMIT #OHCO00005. IF CONFLICTS EXIST REGARDING THE SOIL AND SEDIMENT CONTROL PRACTICES, THE MORE RESTRICTIVE SHALL APPLY.
- STABILIZATION OF DISTURBED AREAS – DISTURBED AREAS SHALL HAVE SOIL STABILIZATION APPLIED WITHIN SEVEN (7) DAYS IF THEY ARE TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN FOURTEEN (14) DAYS. FOR AREAS WITHIN FIFTY (50) FEET OF ANY LIVE STREAM, SOIL STABILIZATION PRACTICES SHALL BE INITIATED WITHIN TWO (2) DAYS ON ALL INACTIVE, DISTURBED AREAS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. WHEN SEASONAL CONDITIONS PROHIBIT THE APPLICATION OF TEMPORARY OR PERMANENT SEEDING, NON-VEGETATIVE SOIL STABILIZATION PRACTICES SUCH AS MULCHING AND MATTING SHALL BE USED.
- INSTALL ALL EROSION/SEDIMENT CONTROL ITEMS BEFORE ANY CLEARING/GRUBBING OR EARTHWORK HAS STARTED.
- PROTECT UNDISTURBED AREAS THROUGHOUT CONSTRUCTION. DO NOT STORE EQUIPMENT, VEHICLES OR MATERIALS IN THESE PROTECTED AREAS.
- SEEDING AND FERTILIZER FOR PERMANENT COVER SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659 AND THESE DRAWINGS.
- MULCHING SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659 AND THESE DRAWINGS.
- TOPSOILING SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659 AND THESE DRAWINGS.
- SILT FENCE AND/OR SILT SOCK SHALL BE AS DETAILED ON THE DRAWINGS.
- NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORMWATER RUNOFF.
- OFF-SITE VEHICLE TRACKING OF SEDIMENTS WILL BE MINIMIZED. ALL OFF-SITE TRACKING OF SEDIMENT SHALL BE CLEANED UP AS IT OCCURS.
- OTHER EROSION CONTROL AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
- TRUCK WASHOUT AND DISCHARGE OF SURPLUS WASH WATER ON SITE IS PERMITTED EXCLUSIVELY IN THE DESIGNATED AREA.
- WINTERIZATION – ANY DISTURBED AREA THAT IS NOT GOING TO BE WORKED FOR 14 DAYS OR MORE MUST BE SEEDED AND MULCHED BY NOVEMBER 1 OR MUST HAVE A DORMANT SEEDING OR MULCH COVER APPLIED BETWEEN NOVEMBER 1 AND MARCH 1.
- TRENCH WATER MUST BE PUMPED THROUGH A SEDIMENT SETTLING FACILITY OR EQUALLY EFFECTIVE DEVICE PRIOR TO DISCHARGE FROM THE SITE.
- STAGING, STORAGE, FUELING AND VEHICLE PARKING ARE SHOWN ON THE SWPPP PLAN. IF THE CONTRACTOR WANTS TO UTILIZE A DIFFERENT LOCATION FOR THESE FUNCTIONS, HE SHALL REVISE THE SWPPP PLAN AND SUBMIT IT TO ENGINEER FOR APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES.
- DISTURBED AREAS REMAINING DORMANT FOR OVER A YEAR AT THE FINAL GRADE WILL HAVE A PERMANENT COVER APPLIED WITHIN 7 DAYS OF LAST DISTURBANCE.

**MAINTENANCE AND INSPECTION:**  
PERMANENT RECORDS OF MAINTENANCE AND INSPECTION MUST BE MAINTAINED THROUGHOUT CONSTRUCTION A MINIMUM OF ONCE EVERY 7 DAYS AND AFTER STORM EVENTS GREATER THAN 0.5 INCH IN A 24 HOUR PERIOD. PROVIDE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATE OF INSPECTION, CERTIFICATION OF COMPLIANCE AND CORRECTIVE MEASURES TAKEN.

**REPAIRS:**  
ANY EROSION CONTROL MEASURES, STRUCTURES, DEVICES, OR RELATED ITEMS IN NEED OF REPAIR WILL BE MADE WITHIN 7 DAYS.

**MATERIAL MANAGEMENT PRACTICES:**  
THE FOLLOWING PRACTICES SHALL BE EXECUTED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUN-OFF. THE JOB SITE SUPERINTENDENT IS RESPONSIBLE FOR ENSURING THESE PRACTICES ARE FOLLOWED:

- STORE THE MINIMUM AMOUNT OF PRODUCT REQUIRED TO COMPLETE THE JOB, IF POSSIBLE, UNDER ROOF OR IN A CONTAINMENT AREA. PRODUCTS SHALL REMAIN IN THEIR ORIGINAL CONTAINER. LABEL MUST BE LEGIBLE
- MANUFACTURER'S RECOMMENDATION SHALL BE FOLLOWED FOR USE AND DISPOSAL.
- PRODUCT TO BE USED ENTIRELY (WHEN POSSIBLE) PRIOR TO DISPOSING.
- MATERIAL SAFETY DATA SHEETS (MSDS) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES USED ON THE SITE SHALL BE OBTAINED AND POSTED IN THE IMMEDIATE AREA OF PRODUCT STORAGE AND SHALL BE USED FOR PROPER MANAGEMENT OF POTENTIAL WASTE.
- ALL HAZARDOUS WASTE MATERIAL WILL BE DISPOSED BY THE CONTRACTOR IN A MANNER SPECIFIED BY LOCAL, STATE OR FEDERAL REGULATIONS AND PER MANUFACTURERS RECOMMENDATIONS.
- ALL PERSONNEL SHALL BE TRAINED IN THE PROPER HANDLING AND CLEAN UP OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR WASTE SHALL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF NECESSARY, THE CONTAMINATED STORMWATER WILL BE HELD ON SITE UNTIL IT MEETS LOCAL, STATE AND FEDERAL REGULATIONS.
- IN THE EVENT OF A SPILL THE FOLLOWING PROCEDURES MUST BE FOLLOWED:
  - ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
  - THE PROJECT MANAGER AND ENGINEER OF RECORD IMMEDIATELY NOTIFIED.
  - ANY SPILLS OF TOXIC OR HAZARDOUS MATERIALS MUST BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AGENCY. THE EPA NATIONAL RESPONSE CENTER (1-800-424-8802) MUST BE NOTIFIED WHEN A SPILL EXCEEDS THE REPORTABLE QUANTITY OF A SUBSTANCE. THE SUBSTANCES AND AMOUNTS ARE LOCATED IN FEDERAL REGULATIONS (40 CFR 110, 114 AND 302).
  - IF A SPILL EXCEEDS A REPORTABLE QUANTITY, THE SWPPP PLAN MUST BE MODIFIED WITHIN 7 DAYS PROVIDING A DESCRIPTION, DATE AND INCIDENT OF THE RELEASE.

**PRODUCT SPECIFIC PRACTICES:**

- PETROLEUM – PETROLEUM PRODUCTS WILL BE STORED IN CLEARLY LABELED TIGHTLY SEALED CONTAINERS. ANY ON SITE PETROLEUM STORAGE TANKS WILL HAVE A CONTAINMENT STRUCTURE AROUND IT FOR POTENTIAL SPILLS. DRIP PANS SHALL BE PROVIDED FOR ALL DISPENSERS. MANUFACTURER'S RECOMMENDATIONS SHALL BE FOLLOWED WHEN ANY ASPHALT SUBSTANCES ARE USED ON SITE.

- FERTILIZERS – THE MANUFACTURER'S RECOMMENDED MINIMAL AMOUNTS SHALL BE APPLIED AND WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER. THE CONTENTS OF ANY PARTIALLY USED BAGS WILL BE TRANSFERRED TO SEALABLE PLASTIC BINS AND STORED UNDER COVER, AWAY FROM STORMWATER DRAINAGE WAYS.

**SITE LOCATION INFORMATION**

LATITUDE : 41° 27' 42.47" N  
LONGITUDE : 81° 46' 13.19" W

CLEVELAND CUYAHOGA OHIO  
CITY, VILLAGE, TOWNSHIP COUNTY STATE  
11815 LORAIN AVENUE  
SITE ADDRESS  
CITY OF CLEVELAND, MAYOR'S OFFICE OF CAPITAL PROJECTS 216-664-3656  
DEVELOPER PHONE  
601 LAKESIDE AVENUE, ROOM 517A, CLEVELAND, OHIO 44114  
DEVELOPER ADDRESS  
CUYAHOGA  
NAME OF WATERSHED/IMMEDIATE RECEIVING WATER(S)  
HYDROLOGIC SOIL GROUPS:  
UoB URBAN LAND-OSHTEMO COMPLEX, UNDULATING

**SITE DESCRIPTION (EAST) (MARK ONE)**

|                       |                         |           |
|-----------------------|-------------------------|-----------|
| SUBDIVISION ( )       | TOTAL AREA              | 28,210 sf |
| COMMERCIAL ( )        | PRE-DEV RUNOFF COEFF    | -         |
| RESIDENTIAL ( )       | POST DEV RUNOFF COEFF   | 0.65      |
| PUD ( )               | AREA TO BE CLEARED      | 28,210 sf |
| OTHER (X) PARKING LOT | AREA TO BE EXCAVATED    | 28,210 sf |
|                       | PRE-DEV IMPERVIOUSNESS  | 27,192 sf |
|                       | POST DEV IMPERVIOUSNESS | 23,727 sf |

**SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS**

|                           | 2018 |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|------|---|---|---|---|---|---|---|---|---|---|---|
|                           | J    | F | M | A | M | J | J | A | S | O | N | D |
| CLEARING                  |      |   |   |   |   |   |   |   |   |   |   |   |
| ROUGH GRADING             | ●    | ● | ● |   |   |   |   | ● | ● | ● | ● | ● |
| UTILITIES                 | ●    | ● | ● | ● |   |   |   | ● | ● | ● | ● | ● |
| FINE GRADING              |      |   |   | ● | ● |   |   | ● | ● | ● |   |   |
| PAVING                    |      |   |   |   |   | ● | ● |   |   |   |   |   |
| TOPSOIL AND SEEDING       |      |   |   |   | ● | ● |   |   |   | ● |   |   |
| LANDSCAPING               |      |   |   |   |   |   |   |   |   |   | ● |   |
| POST CONSTRUCTION BMPs    |      |   |   | ● | ● | ● |   |   |   |   | ● |   |
| TEMPORARY EROSION CONTROL | ●    | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

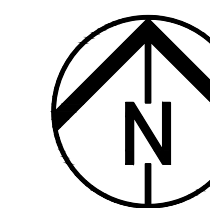
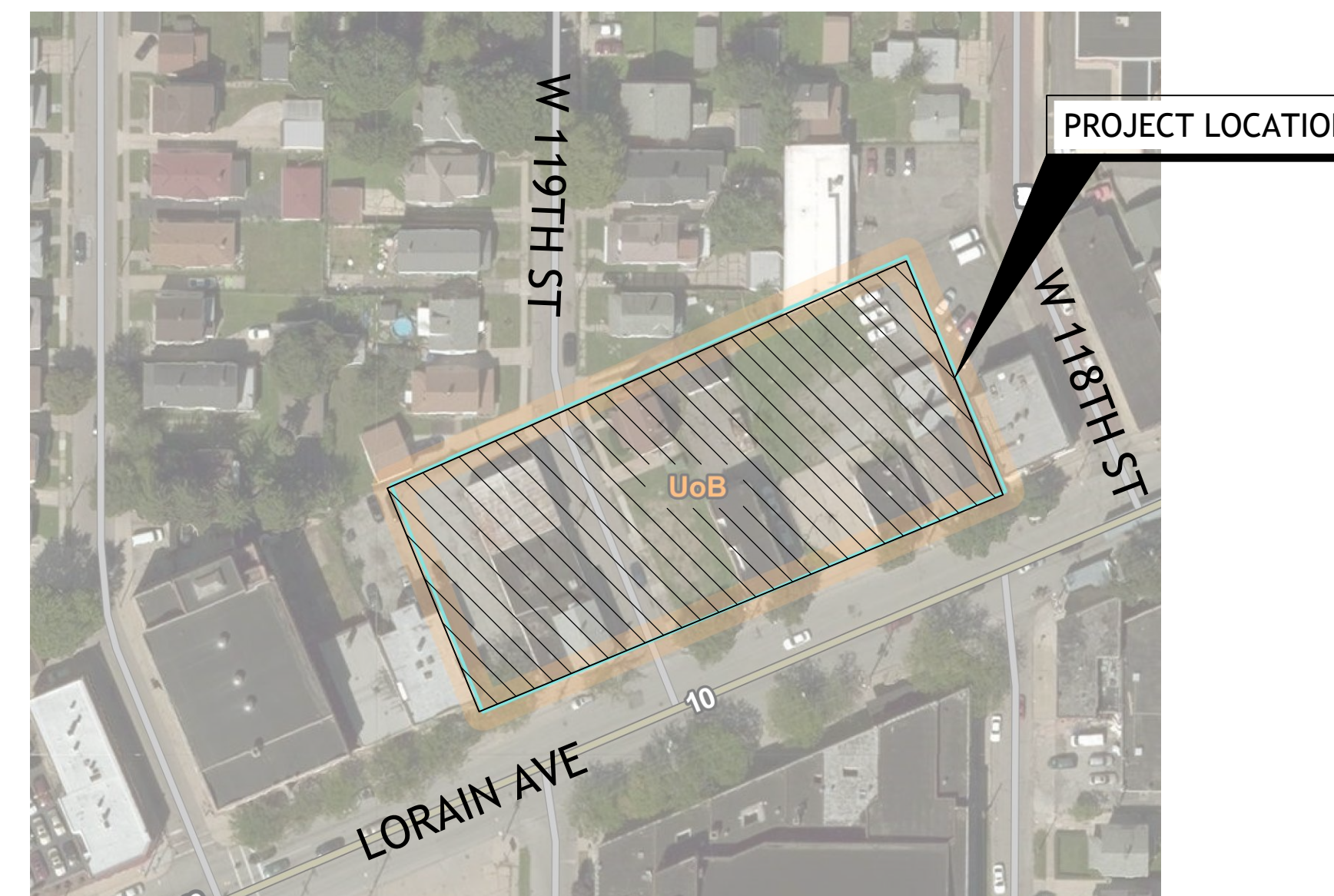
**NOTES:**

SCHEDULE IS SHOWN TENTATIVELY AND MAY CHANGE BASED ON EXECUTION OF CONTRACT AND AUTHORIZATION TO PROCEED FROM THE CITY.

**ACCEPTABLE EROSION CONTROL TIMETABLE**

|                   | J | F | M | A | M | J | J | A | S | O | N | D |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| TEMPORARY SEEDING |   |   |   |   |   |   |   |   |   |   |   |   |
| PERMANENT SEEDING |   |   |   | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LANDSCAPING       |   |   |   |   |   |   |   |   |   |   |   |   |
| MULCHING          | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| MAINTENANCE       | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

**SOILS MAP**



City of Cleveland  
Mayor's Office of Capital Projects  
**Division of Architecture and Site Development**  
Cleveland City Hall, 601 Lakeside Avenue, Room 517A  
Cleveland, OH 44114-1015  
Phone : (216) 664-2374 Fax: (216) 664-4220

**Environmental Design Group**  
450 GRANT STREET  
ARLON, OH 44017  
T: 330.375.0990  
F: 330.375.0998  
WWW.ENVDESIGNGROUP.COM

PROJECT NAME:  
**CITY OF CLEVELAND  
DEPARTMENT OF COMMUNITY DEVELOPMENT  
VARIETY VILLAGE PARKING DEVELOPMENT**  
LORAIN AVENUE & WEST 119TH STREET  
CLEVELAND, OHIO 44111

ISSUED / REVISED

| NO. | DATE     | DESCRIPTION |
|-----|----------|-------------|
| 1   | 10/24/18 | BID SET     |

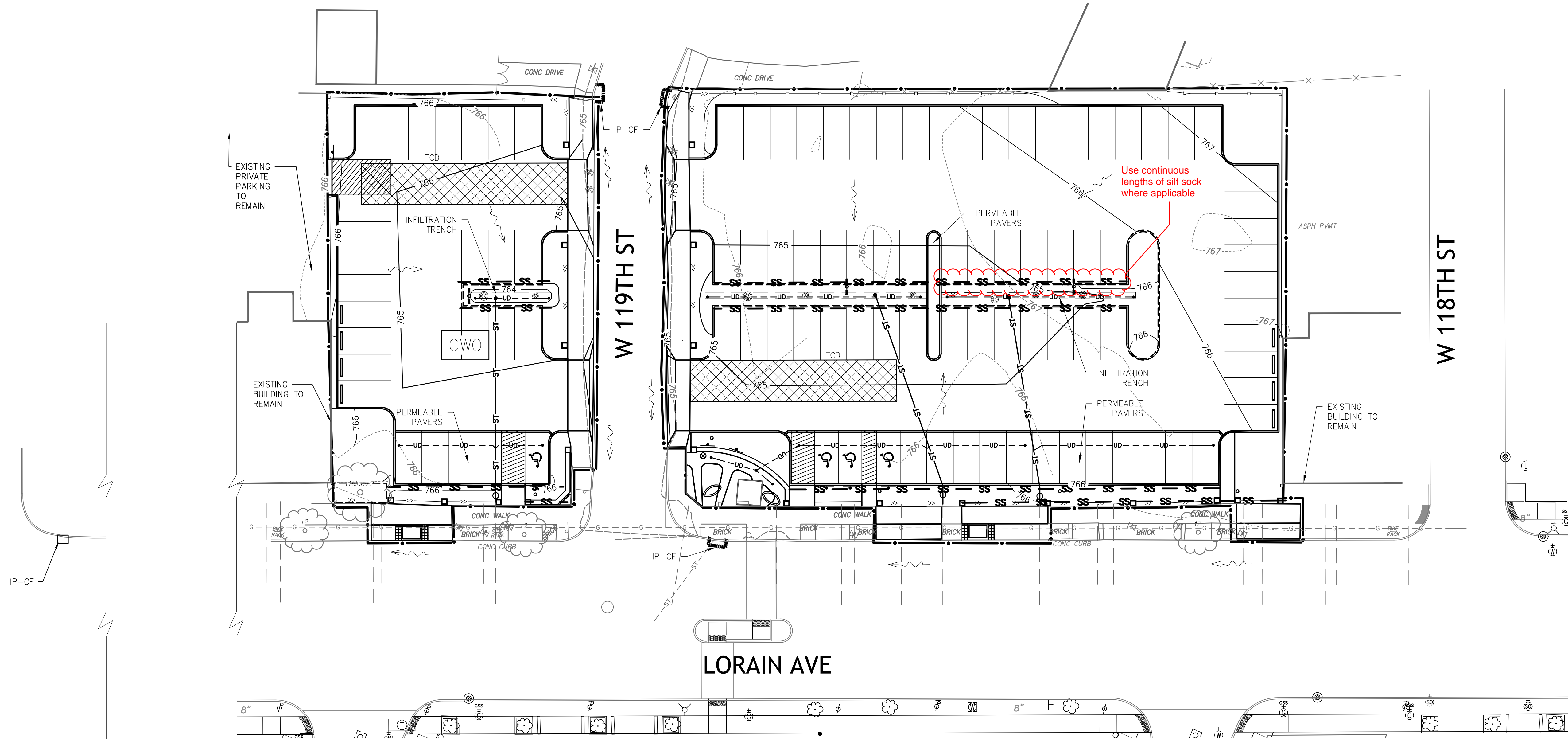
TITLE:  
**SWPPP NOTES**

DESIGNED BY: JS/HH DATE: 10/24/18  
DELINEATED BY: KGH DATE: 10/24/18  
PROJECT NO: 15-00373-020  
SCALE: N/A

SHEET NO:  
**8**

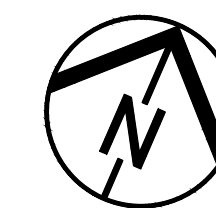


W 120TH ST



**LEGEND**

- 1000--- EXISTING COUNTERS, MAJOR/MINOR
- 1000--- PROPOSED CONTOUR
- — — LIMITS OF CONSTRUCTION
- SS — SILT SOCK
- IP-CF INLET PROTECTION
- TCD TEMPORARY CONSTRUCTION DRIVE
- CWS CONCRETE WASHOUT STATION



| ISSUED / REVISED |          |             |
|------------------|----------|-------------|
| NO.              | DATE     | DESCRIPTION |
| 1                | 10/24/18 | BID SET     |
|                  |          |             |
|                  |          |             |
|                  |          |             |

TITLE:  
**SWPPP**

DESIGNED BY: JS/HH DATE: 10/24/18  
 DELINEATED BY: KGH DATE: 10/24/18  
 PROJECT NO: 15-00373-020  
 SCALE: 1"=20'

SHEET NO:  
**9**























