INDEX OF DRAWINGS

SITE PLAN LEGEND

EXISTING

_____ st <u>X" STM</u> st _____

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GENERAL NOTES		
EXISTING CONDITIONS & DEMOLITION PLAN	GENERAL NOTES	2
GRADING PLAN		
UTILITY PLAN	LAYOUT PLAN	4
LANDSCAPING PLAN	GRADING PLAN	5
SWPPP NOTES, SWPPP & SWPPP DETAILS 8 - 10	UTILITY PLAN	6
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CONSTRUCTION DETAILS11 - 15	SWPPP NOTES, SWPPP & SWPPP DETAILS	8 - 10
	CONSTRUCTION DETAILS	11 - 15

PROPOSED

————1000———— CONTOUR

——— sa <u>X" SAN</u> sa ———— SANITARY SEWER

------ w X" WTR WATER LINE

G X" GAS GAS LINE

IPS

MON

----- TMP ----- TEMPORARY RIGHT OF WAY

ELECTRIC LINE, UNDERGROUND

FIBER OPTIC LINE, UNDERGROUND

CABLE LINE, UNDERGROUND

MANHOLE ADJUSTED TO GRADE

HYDRANT, HYDRANT ASSEMBLY

POWER POLE, TELEPHONE POLE,

IRON PIN/PIPE FOUND, IRON PIN SET

FLAG POLE, DECORATIVE/YARD LIGHT

TREE REMOVED, TREE LIMBED AND ROOT PRUNED

SIGNAL POLE, LIGHT POLE

MONUMENT BOX

TREE, SHRUB LINE,

BASEMENT ELEVATION

VALVE, WV=WATER VALVE GV=GAS VALVE

CATCH BASIN, MANHOLE

CITY OF CLEVELAND

CUYAHOGA COUNTY, OHIO

VARIETY VILLAGE PARKING DEVELOPMENT

WESTOWN COMMUNITY DEVELOPMENT CORPORATION



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

CITY OF CLEVELAND ODOT STANDARD ODOT SUPPLEMENTAL STANDARD CONSTRUCTION CONSTRUCTION DRAWINGS SPECIFICATIONS DRAWINGS STD DWG NO DATE 800-2016 10/20/17 7/19/13 832 1/17/14 BP - 4.14/14/2008 CONC 1 7/8/20084/14/2008 7/8/2008

D - 23

1/1/2014

GRAPHIC SCALE IN FEET

10/24/2018 BID SET

PROJECT DESCRIPTION

PLANS PREPARED AND

Utilities Protection

SERVICE

Environmental Design Group

RECOMMENDED BY:

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.

UNDERGROUND UTILITIES

CONTACT BOTH SERVICES TWO WORKING DAYS

(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

Call Before You Dig 1-800-362-2764

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.





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.

MATERIAL TESTING AND PERMITS

- 1. 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.
- 2. 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.
- 3. 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

CLEVELAND PUBLIC POWER 1300 LAKESIDE AVE. DOMINION EAST OHIO CLEVELAND, OH 44114 320 SPRINGSIDE DRIVE, SUITE 320 (216) 664-4600 AKRON, OH 44333 ATTN: BEAU STEINMETZ (330) 664-2409 (216) 563-7265 ÀTTN: MARY LONG BSTEINMETZ@CPP.ORG

NORTHEAST OHIO REGIONAL CITY OF CLEVELAND -SEWER DISTRICT WATER POLLUTION 3826 EUCLID AVE. CONTROL CLEVELAND, OH 44115 12302 KIRBY AVE. (216) 881-8247 CLEVELAND, OH 44108 (216) 664-2513

CENTURYLINK LOCAL 3801 ELM RD. CLEVELAND ELECTRIC WARREN, OH 44483 ILLUMINATING COMPANY (330) 841-1404 6896 MILLER RD. ATTN: ROD HARRIS BRECKSVILLE, OH 44141 (440) 358-4991 ATTN: RALPH DELLIGATTI

CLEVELAND WATER DEPARTMENT AT&T 1201 LAKESIDE AVE. 13630 LORAIN AVE. CLEVELAND, OH 44114 CLEVELAND, OH 44111 216-664-2444 EXT. 5555 (216) 476-6142 ATTN: JAMES JANIS

CHARTER COMMUNICATIONS 8150 DOW CIRCLE STRONGSVILLE, OH 44136 120 RAVINE ST. (216) 392-7963 AKRON, OH 44303 ATTN: GARY NAUMANN (330) 253-8267 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 SWEPT 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).

<u>CLEARING AND GRUBBING - TREE, LIMB AND ROOT PRUNING</u> 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.

1. 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 ELECTIRC CODE (NEC).

- 2. CONTRACTOR TO PROVIDE CONCRETE BASES, CONDUIT AND WEATHER HEADS. CONTRACTOR
- 3. SHOW PARKING LOT LIGHTS AS BASE BID WORK AND ORNAMENTAL LIGHTS AS OPTION #5

WILL ALSO NEED TO COORDINATE WITH CPP INSTALLATION OF LIGHTING (POLES WIRING)

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Architectevelopme

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City of Cleveland
Mayor's Office of C

Division C

and Site

Cleveland City Hall
Cleveland, OH 44

Cleveland, OH 44

Cleveland, OH 44

PROJECT NAME:

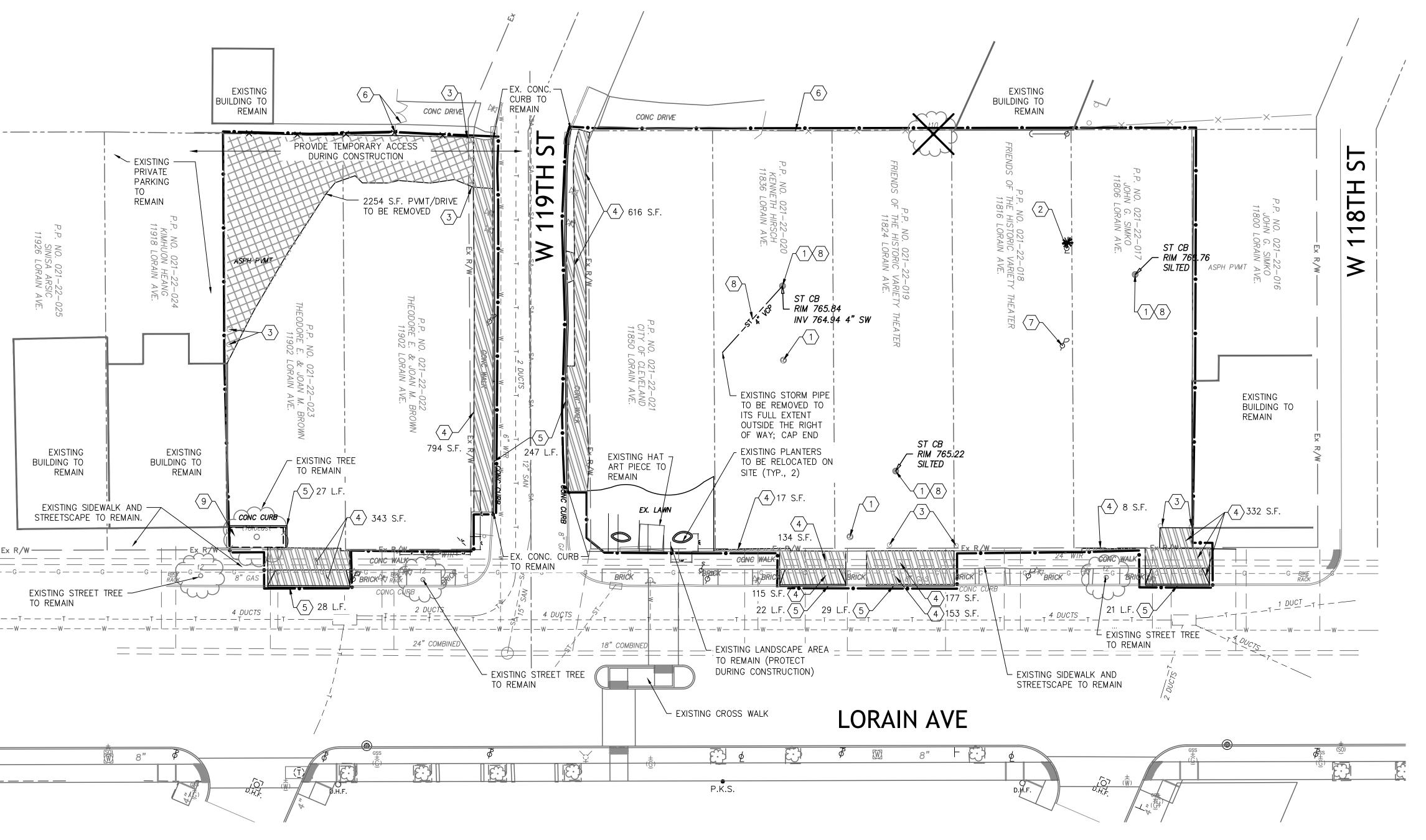
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ISSUED / REVISED O. DATE DESCRIPTION 1 10/24/18 BID SET

GENERAL NOTES

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

SHEET NO:



MOT GENERAL NOTES:

THIS WORK CONSISTS OF THE MAINTENANCE OF TRAFFIC AND THE PROTECTION OF THE TRAVELING PUBLIC APPROACHING THE CONSTRUCTION AREA AND WITHIN THE LIMITS OF CONSTRUCTION.

A) FURNISH, ERECT, PLACE AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND MAINTAIN TRAFFIC DURING THE HOURS OF CONSTRUCTION AND AT ALL OTHER TIMES IN ACCORDANCE WITH THE METHODS INDICATED ON THESE DRAWINGS AND:

- 1) THE SPECIAL PROVISIONS OF THE CONTRACT 2) ODOT CMS 2016 SPECIFICATIONS
- 3) CITY OF CLEVELAND 4) U.S. DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2003 EDITION AND ALL SUPPLEMENTS APPLICABLE TO THE WORK DATED TO THE DATE OF ADVERTISEMENT.

B) UNLESS OTHERWISE NOTED AND EXCEPT FOR REGULATORY SIGNS, (SERIES R), ALL SIGNS HAVE A NON--REFLECTORIZED BLACK LEGEND AND RETRO--REFLECTIVE ORANGE BACKGROUND.

C) MOUNTING OF ALL SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH ODOT CMS 2016 AND AS PER CITY OF CLEVELAND CODES.

D) REMOVE ALL EXISTING SIGNS AS REQUIRED TO ACCOMMODATE CONSTRUCTION OPERATIONS. REINSTALL THESE SIGNS AT THE COMPLETION OF THE PROJECT AND/OR AS DIRECTED BY THE OWNER.

E) THIS TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR TRAFFIC CONTROL AS PER ODOT CMS 2016 AND CITY OF CLEVELAND CODES.

F) NOTIFY OWNER TEN (10) DAYS IN ADVANCE OF DRIVEWAY RESTRICTIONS SO OWNER STAFF CAN NOTIFY PROPERTY OWNERS AFFECTED BY WORK. COORDINATE LOCATION OF ANY TRAFFIC CONTROL DEVICES LOCATED WITHIN THEIR DRIVEWAYS WITH OWNER.

G)PROVIDE SUFFICIENT NUMBER OF PROPERLY ATTIRED FLAGGERS (VEST, HARD HAT, ETC) TO ADEQUATELY CONTROL TRAFFIC FLOW THROUGH THE WORK ZONE AS REQUIRED BY THE CITY OF CLEVELAND, WHICH INCLUDES ANY INTERSECTING STREETS IN THE WORK ZONE AND AS DIRECTED.

H) LIMIT ANY LANE CLOSURE TO THE LENGTH NECESSARY TO SAFELY PERFORM THE REQUIRED WORK. AT NO TIME SHALL COMPLETE STREET CLOSURE BE INSTITUTED.

I) AT THE END OF EACH WORKDAY AND WHENEVER PRACTICAL DURING THE WORKDAY. EQUIPMENT, VEHICLES AND MATERIALS SHALL BE STORED A MINIMUM OF 10 FEET FROM THE EDGE OF THE NEAREST OPEN TRAVEL LANE OR THEY SHALL BE ADEQUATELY STORED WITHIN THE CONSTRUCTION LIMITS. IF EQUIPMENT, VEHICLES AND MATERIALS CANNOT BE STORED AS DESCRIBED ABOVE, OR IF THESE ITEMS ARE PLACED FOR USE ON OR NEAR THE ROADWAY

WITHIN THE WORK ZONE, BARRICADED, DRUMS OR OTHER PROTECTIVE DEVICES SHALL BE PLACED AROUND THE EQUIPMENT, VEHICLES AND STORAGE SITE TO WARN AND PROTECT THE TRAVELING PUBLIC.

J) DO NOT ALLOW EMPLOYEES TO PARK THEIR PERSONAL VEHICLES ON ANY TRAVEL LANE, SHOULDER, OR SEEDED AREA ALONG THE ROADWAY.

K) IMMEDIATELY UPON COMPLETION OF THE WORK, REMOVE THE MAINTENANCE OF TRAFFIC DEVICES.

L) ALL WORKERS SHALL WEAR THE YELLOW/GREEN ANS 11

M) NOTIFY THE CITY OF CLEVELAND ENGINEERING DEPARTMENT AND OWNER TEN (10) DAYS IN ADVANCE OF ANY TRAFFIC SIGNAGE INTENDED TO BE PLACED.

N) MAINTAIN A MINIMUM OF TWO 10-FOOT TRAVEL LANES ON ALL STREETS AT ALL TIMES, EXCEPT THAT TWO 8-FOOT LANES MAY BE MAINTAINED IF ONGOING CONSTRUCTION OPERATIONS REQUIRE IT. A SINGLE 11-FOOT LANE MAY BE MAINTAINED USING FLAGGERS IN ACCORDANCE WITH ODOT CMS 2016 AND CITY OF CLEVELAND CODE.

O) NOTIFY CITY OF CLEVELAND PRIOR TO CONSTRUCTION. CITY OF CLEVELAND TO PROVIDE CONSTRUCTION/PERMIT APPROVAL OF ALL WORK.

P) CONTRACTOR SHALL INSTALL TEMPORARY 6-FOOT TALL

KEY NOTES

- $\langle 1 \rangle$ EXISTING UTILITY STRUCTURE TO BE REMOVED
- $\langle 2 \rangle$ EXISTING LIGHT POLE TO BE REMOVED
- (3) EXISTING POST TO BE REMOVED
- (4) EXISTING CONCRETE TO BE REMOVED
- $\langle \, \mathsf{5} \,
 angle$ existing concrete curb to be removed; sawcut full depth
- (6) EXISTING FENCE TO BE REMOVED; MAINTAIN EXISTING GATE
- REMOVE EXISTING SIGN FROM UTILITY POLE; UTILITY POLE TO BE RELOCATED BY CPP.
- REMOVE EXISTING STORM PIPES TO THEIR FULL EXTENT OUTSIDE THE RIGHT OF WAY; CAP END
- 9 TREE PROTECTION FENCE

LEGEND

EXISTING TREES

LIGHT POLE

SIGNAL POLE

UTILITY POLE

SIGN POST CATCH BASIN

SANITARY CLEANOUT

GAS VALVE WATER VALVE

----- PROPERTY LINE

CONSTRUCTION LIMITS

EXISTING TREE TO BE REMOVED

REMOVE EXISTING ASPHALT CONCRETE PAVEMENT: SAWCUT FULL DEPTH

NEAREST EXISTING JOINT

REMOVE EXISTING CONCRETE PAVEMENT: SAWCUT FULL DEPTH AT

DEMOLITION NOTES:

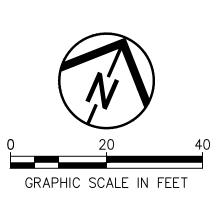
CHAIN LINK FENCE FOR ENTIRE CONSTRUCTION LIMITS.

SUBSTANTIAL COMPLETION OR AS DIRECTED BY OWNER.

LENGTH OF CONSTRUCTION AND REMOVE FROM SITE AFTER

CONTRACTOR SHALL MAINTAIN FENCE DURING ENTIRE

- 1. CONTRACTOR TO REMOVE ALL ITEMS SHOWN TO
- BE REMOVED OFF SITE. 2. SOME SITE DEMOLITION NOT SHOWN ON THESE DRAWINGS WAS PERFORMED BY CUYAHOGA COUNTY LANDBANK PRIOR TO THIS CONTRACT.





Architecture evelopment

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PROJECT NAME:

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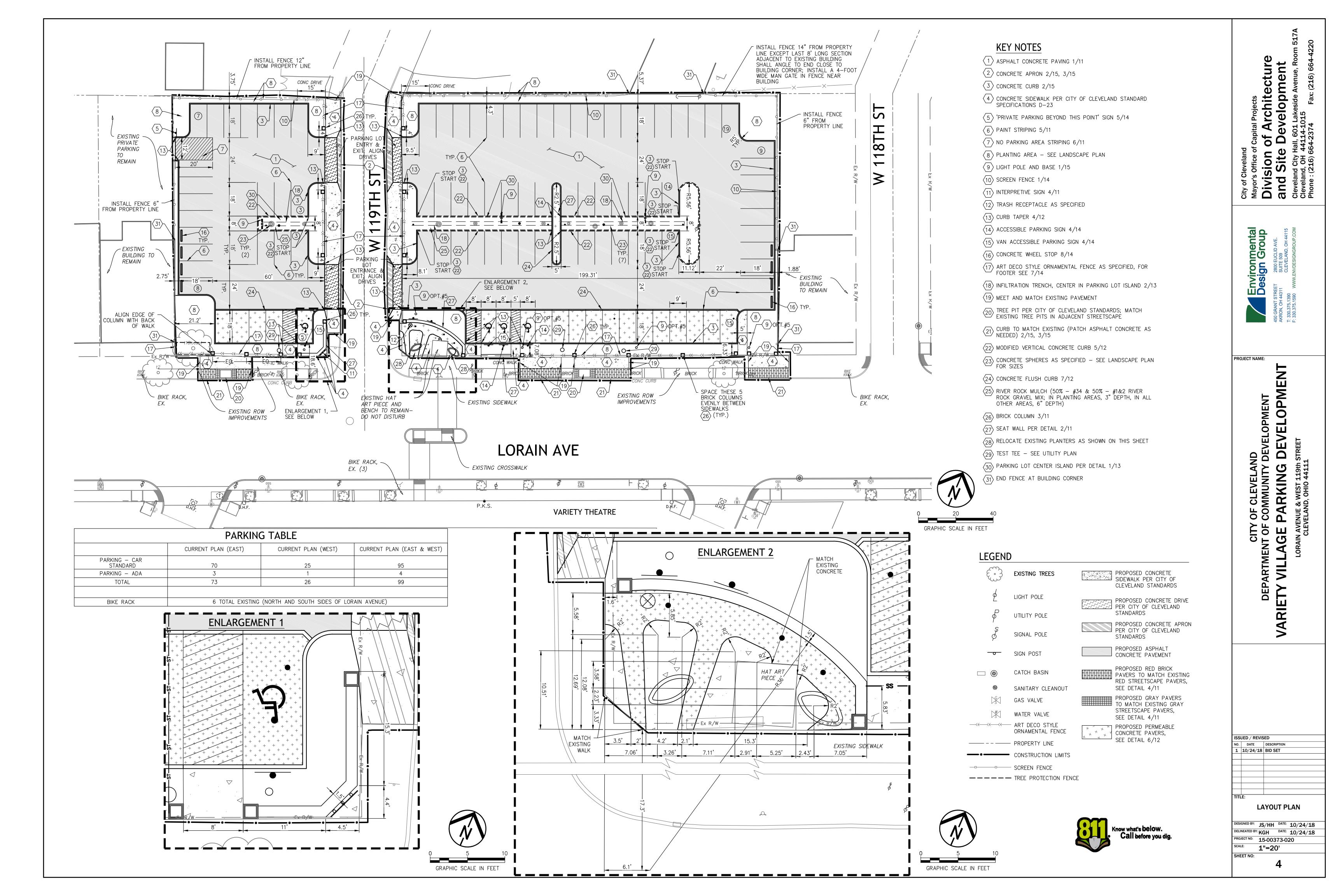
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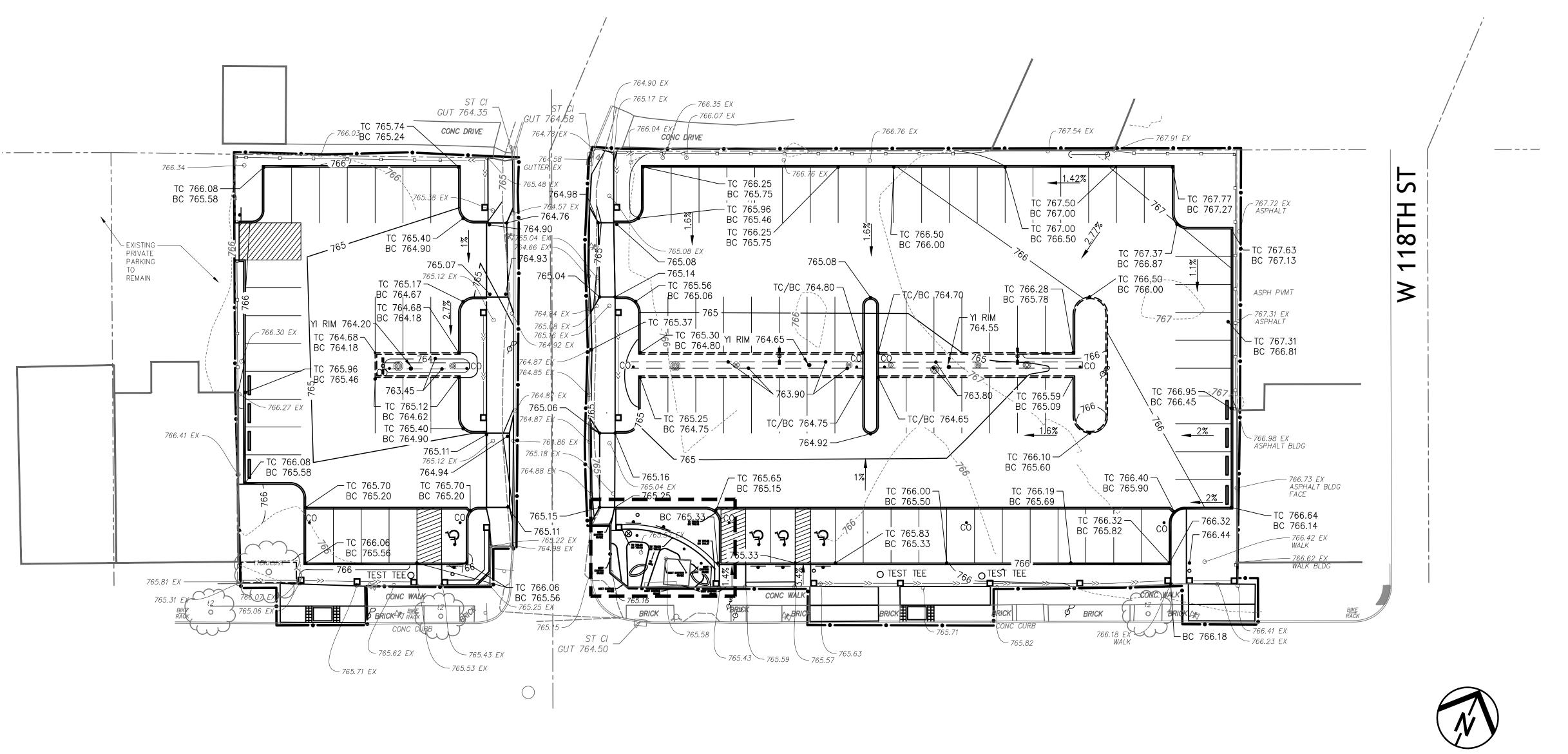
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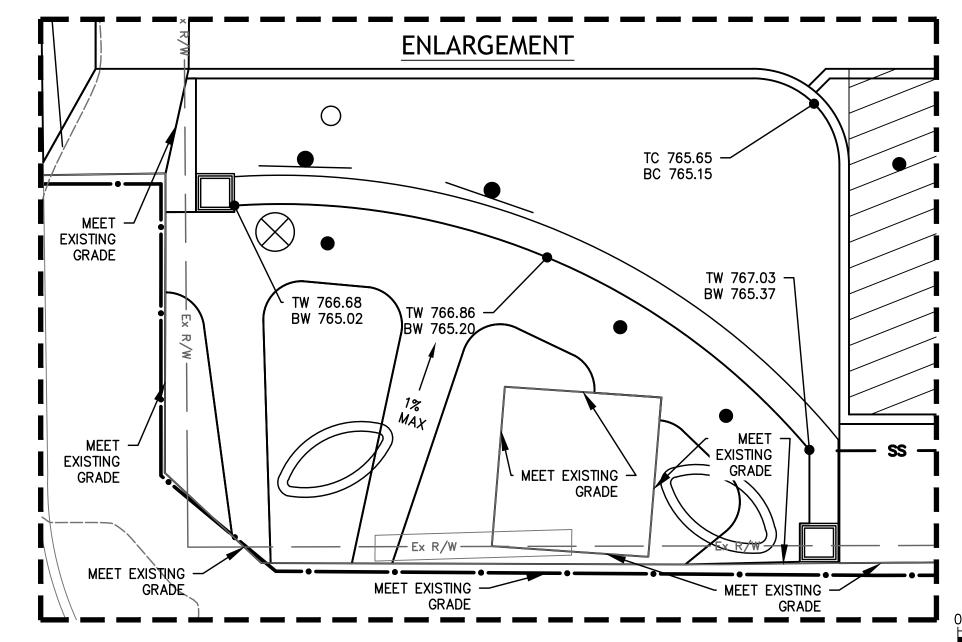
EXISTING CONDITIONS & DEMOLITION PLAN

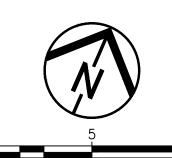
DESIGNED BY: JS/HH DATE: 10/24/18 DELINEATED BY: KGH DATE: 10/24/18 PROJECT NO: 15-00373-020 1"=20' SHEET NO:











GRAPHIC SCALE IN FEET

GRADING NOTES

- 1. MAINTAIN UNIFORM AND POSITIVE SLOPES FOR ALL REGRADED SURFACES.
- 2. OWNER'S REPRESENTATIVE TO APPROVE ROUGH GRADING PRIOR TO FINISH-GRADING AND TO APPROVE FINISH-GRADING OF SOIL SURFACE AREAS PRIOR TO SEEDING OR LANDSCAPING.
- 3. CONSTRUCTION NOTES AND TYPICALS MAY APPEAR ONLY ONCE ON THE DRAWINGS BUT APPLY TO ALL SIMILAR CONDITIONS.
- 4. PRIOR TO EXCAVATION AND EARTHWORK OPERATIONS, THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROPOSED GRADES AND REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT. FIELD VERIFY LOCATIONS OF ALL BURIED UTILITIES AND DEPTHS AND REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
- 5. CONTRACTOR SHALL REMOVE SEDIMENT AND DEBRIS AND CLEAN STORM STRUCTURES AND SEWER PIPES WITHIN WORK AREA AFTER SITE WORK AND SOIL STABILIZATION IS COMPLETE.
- 6. DISTURBED AREAS TO RECEIVE LAWN SEEDING SHALL HAVE 4"
 TOPSOIL PROVIDED AND PLACED PER ODOT 653. AREAS TO
 RECEIVE LANDSCAPING OTHER THAN LAWN SHALL HAVE 12" OF
 TOPSOIL PROVIDED AND PLACED PER ODOT 653.
- 7. SLOPE CANNOT BE GREATER THAN 2% IN ANY DIRECTION IN ACCESSIBLE PARKING AREAS INCLUDING ACCESS AISLES.

LEGEND

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LEGEND			
þ	LIGHT POLE	XXX.XX EX	PROPOSED SPOT ELEVATION
F	UTILITY POLE	XXX.XX	PROPOSED SPOT ELEVATION
\$	SIGNAL POLE	TC XXX.XX BC XXX.XX	TC TOP OF CURB BC BOTTOM OF CURB
	SIGN POST	TW XXX.XX BW XXX.XX	TW TOP OF WALL BW BOTTOM OF WALL
	EX. CATCH BASIN	1000	EXISTING COUNTORS, MAJOR/MINOR
S	GAS VALVE	1000 	PROPOSED CONTOUR
\ <u>\</u>	WATER VALVE	£	EXISTING TREES
—• —	CONSTRUCTION LIMITS	YW.Y	EXISTING TREES
	PROPERTY LINE	● • YI CO	PROPOSED STORM STRUCTURES, SEE UTILITY PLAN
	TREE PROTECTION FENC	CE	



GRAPHIC SCALE IN FEET

City of Cleveland
Mayor's Office of Capital Projects

Division of Architecture
and Site Development
Cleveland City Hall, 601 Lakeside Avenue, Room
Cleveland, OH 44114-1015
Phone: (216) 664-2374 Fax: (216) 664-42;

AERON, OH 44311
T: 330.375.1390
E: 330.375.1590
WWW.ENVDESIGNGROUP.COM

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CITY OF CLEVELAND

DEPARTMENT OF COMMUNITY DEVELOPMENT

VARIETY VILLAGE PARKING DEVELOPME

LORAIN AVENUE & WEST 119th STREET

ISSUED / REVISED

NO. DATE DESCRIPTION

1 10/24/18 BID SET

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

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DATE: 10/24/18

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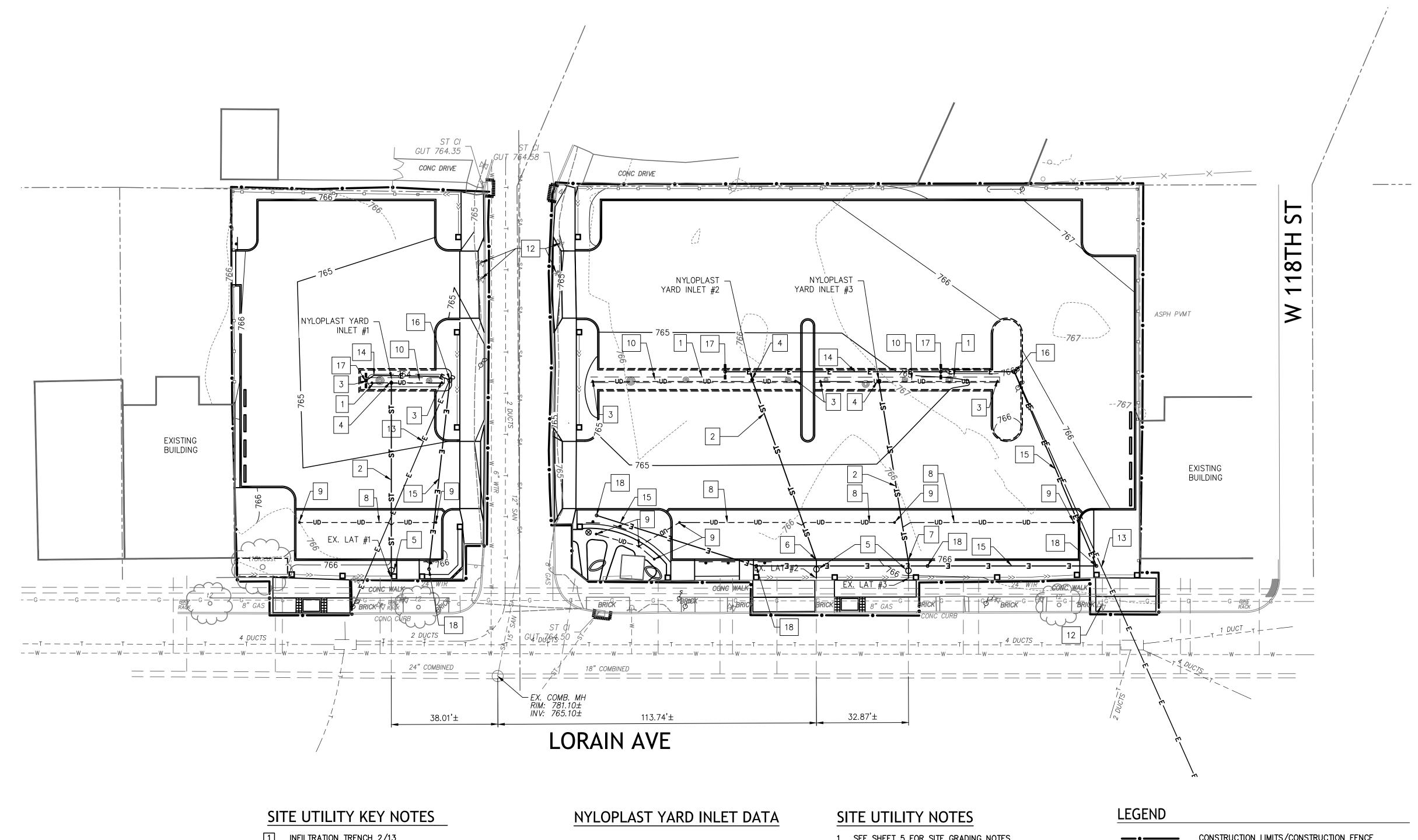
DATE: 10/24/18

DATE: 10/24/18

PROJECT NO: 15-00373-020

SCALE: 1"=20'

SHEET NO:



- 1 INFILTRATION TRENCH 2/13
- 2 6" SOLID STORM @ 1% MIN. SLOPE
- 3 CLEANOUT IN LANDSCAPE AREA 2/12
- 4 12" DIAMETER NYLOPLAST YARD INLET WITH LOCKING DUCTILE IRON DOME GRATE 3/13
- 5 TEST TEE, INSTALL 6" BEHIND SIDEWALK IN PLANTING AREA 1/12
- 6 22.5° BEND
- 7 11.25° BEND
- 8 4" PERFORATED UNDERDRAIN @ 0% SLOPE 6/12
- 9 CLEANOUT IN PAVEMENT 3/12
- 10 4" PERFORATED UNDERDRAIN @ 0% SLOPE IN CENTER ISLAND DETAIL 1/13
- 11 WHERE APRONS ARE BEING REPLACED IN THIS CONTRACT, CONNECT PROPOSED CURB DRAIN TO EXISTING CURB DRAIN UNDER ADJACENT WALK/CURB
- 12 ADJUST UTILITY CASTING TO GRADE
- 13 OVERHEAD ELECTRIC SERVICE BY CPP
- 14 2, 2" CONDUIT (BASE BID)
- 15 2, 2" CONDUIT (OPTION #5)
- 16 WEATHER HEAD ON UTILITY POLE PROVIDED BY CPP (BASE BID)
- 17 CONCRETE LIGHT POLE BASE AND PULL BOX (BASE BID)
- 18 CONCRETE LIGHT POLE BASE, PULL BOX AND DECORATIVE LIGHT POLE (OPTION #5)

- YI #1 PR RIM: 764.20 PR INV: 760.28 (4" UD E&W) PR INV: 759.28 (6" S)
- YI #2 PR RIM: 764.65 PR INV: 760.73 (4" UD E&W) PR INV: 759.73 (6" S)
- YI #3 PR RIM: 764.55 PR INV: 760.63 (4" UD E&W) PR INV: 759.63 (6" S)

EXISTING SANITARY LATERAL DATA

LAT #1 EX INV: ~756.21 (6"S) LAT #2 EX. INV: ~755.21 (6" S)

LAT #3 EX INV: ~755.21 (6"S)

- 1. SEE SHEET 5 FOR SITE GRADING NOTES 2. PRIOR TO THE START OF CONSTRUCITON, CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH CPP.
- 3. CONTRACTOR SHALL INSTALL 2" CONDUIT UP AND ONTO EXISTING POLES FOR CPP CONNECTION TO PROPOSED LIGHTS IN SHOWN LOCATIONS. CONDUIT AND NECESSARY JUNCTION BOXES AS PER CPP REQUIREMENTS. CONDUIT AND OUTLET JUNCTION SHALL BE INSTALLED UP EXISTING POLE, 18" FROM EXISTING SERVICE
- 4. COORDINATE LIGHTING INSTALLATION WITH CPP.

CONSTRUCTION LIMITS/CONSTRUCTION FENCE

EXISTING TREES

PROPERTY LINE

EXISTING STORM STRUCTURES PROPOSED STORM STRUCTURES

UNDERGROUND ELECTRICAL SERVICE

EX. GAS VALVE

TREE PROTECTION FENCE ----

 $GV \bowtie$

GRAPHIC SCALE IN FEET

PROPOSED LIGHT POLE EXISTING LIGHT POLE

UTILITY POLE PROPOSED SIGN







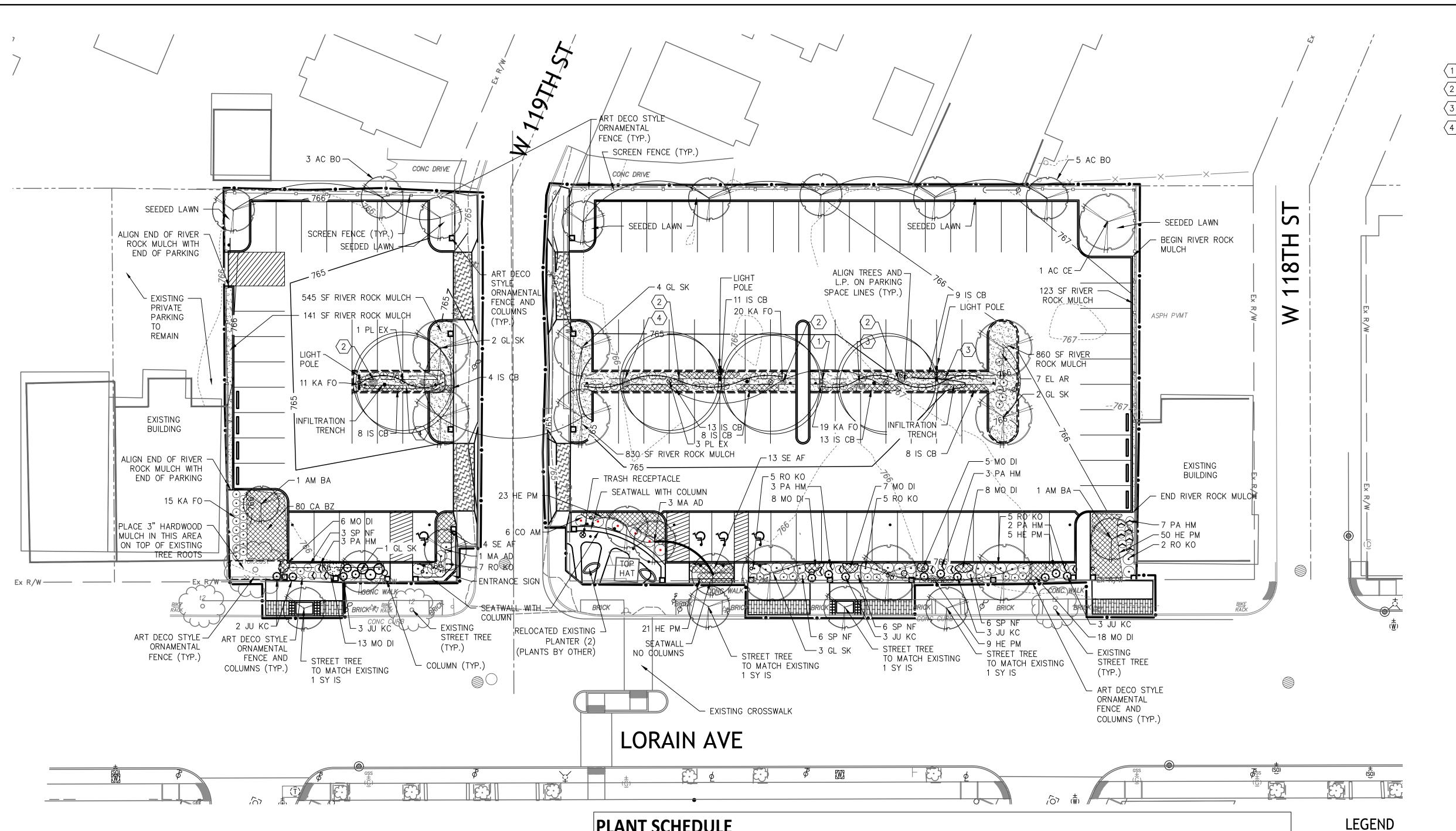
Environmental Design Group

City of Cleveland Mayor's Office of Division and Site Cleveland City Hat Cleveland, OH 4-Phone: (216) 66

Y OF CLEVELAN F COMMUNITY I CITY OF CALLAGE F $\overline{\Box}$

ISSUED / REVISED NO. DATE DESCRIPTION 1 10/24/18 BID SET **UTILITY PLAN** DESIGNED BY: JS/HH DATE: 10/24/18

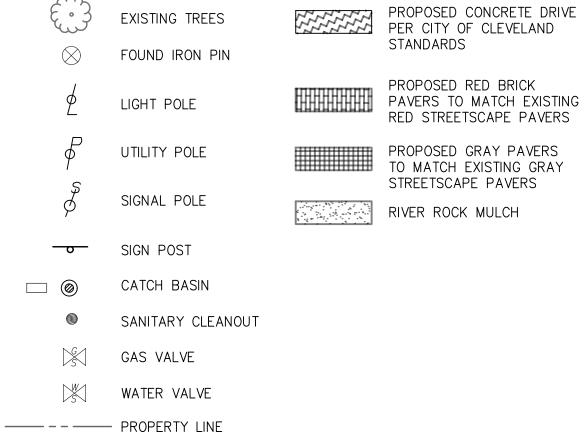
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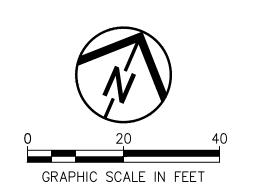


LANDSCAPE NOTES

- 1. CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS IN THE FIELD PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES ASSOCIATED WITH WORK. UTILITIES SHALL BE REPAIRED TO SATISFACTION OF THE UTILITY OWNER AND/OR OPERATING AUTHORITY AT NO ADDITIONAL COST.
- 2. IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE. IF IN QUESTION, CONTACT THE OWNER'S REPRESENTATIVE.
- 3. FINAL PLACEMENT OF PLANT MATERIALS, ETC. SHALL BE APPROVED BY OWNER'S REPRESENTATIVE BEFORE PLANTING OPERATIONS PROCEED.
- 4. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ALLOWED. IF PLANTS ARE UNAVAILABLE, THE CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE PRIOR TO BID DATE IN WRITING. ALL PLANTS SHALL BE INSPECTED AND TAGGED WITH PROJECT IDENTIFICATION AT NURSERY OR CONTRACTOR'S OPERATION PRIOR TO MOVING TO JOB SITE. PLANTS MAY ALSO BE INSPECTED AND APPROVED OR REJECTED ON THE JOB SITE.
- 5. ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION, AS SET FORTH BY AMERICAN ASSOCIATION OF NURSERYMEN.
- 6. MAINTENANCE OF PLANT MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL PLANT MATERIALS ARE ACCEPTED BY OWNER. MAINTENANCE INCLUDES BUT IS NOT LIMITED TO WATERING, WEEDING, PEST CONTROL, AND OTHER ACTIONS AS REQUIRED TO MAINTAIN PLANT MATERIALS IN A HEALTHY CONDITION.
- 7. ALL NEW LANDSCAPE PLANTINGS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING FINAL INSPECTION BY OWNER'S REPRESENTATIVE. AT THE END OF THIS PERIOD, PLANT MATERIAL DEEMED DEAD OR UNSATISFACTORY BY OWNER'S REPRESENTATIVE SHALL BE REPLACED AT NO ADDITIONAL CHARGE BY THE LANDSCAPE CONTRACTOR.
- 8. SEED ALL DISTURBED AREAS WITH LAWN SEED (ITEM 659, CLASS 1), UNLESS PLAN SHOWS OTHER MATERIALS.
- 9. SEE DETAILS 2/14, 3/14, 6/14, 9/14 AND SPECIFICATIONS FOR MORE INFORMATION.
- 10. EXCEPT WHERE CALLED FOR AS RIVER ROCK MULCH, CONTRACTOR TO USE DOUBLE SHREDDED HARDWOOD MULCH IN PLANTING AREAS.

ABBR.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	CONDITION	QUANTITY	REMARKS	SIZE AT N	//ATURITY
								Height	Spread
	Shade Trees								
AC CE	Acer x freemanii 'Celebration'	Celebration Maple	2.5" CAL.	AS SHOWN	B&B	1	Specimen	45'	20-25'
AC BO	Acer rubrum 'Bowhall'	Bowhall Red Maple	2.0" CAL	AS SHOWN	B&B	8	Specimen	15'	40'
GL SK	Gleditsia tracanthos inermis 'Skyline'	Skyline Honeylocust	2.5" CAL.	AS SHOWN	B&B	10	Specimen	45-50'	35-45'
PL EX	Platanus x acerifolia 'Bloodgood'	Bloodgood London Planetree	2.0" CAL.	AS SHOWN	B&B	4	Specimen	50'	40'
	Ornamental Trees	1		1					
AM BA	Amelanchier x grandiflora 'Ballerina'	Ballerina Serviceberry	2" CAL.	AS SHOWN	B&B	2	Clump	15-20'	12'-15'
MA AD	Malus 'Adirondack'	Adirondack Crab	2.0" CAL.	AS SHOWN	B&B	4	Specimen	18'	10'
SY IS	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	2.0" CAL.	AS SHOWN	B&B	4	Specimen	20'	15'
	Shrubs								
CO AM	Cornus alba 'Ivory Halo'	Ivory Halo Dogwood	30"	AS SHOWN	B&B	6		5-6'	5-6'
JU KC	Juniperus chinensis 'Kallay's Compact'	Kallay's Compact Juniper	24"	AS SHOWN	B&B	14		2-3'	6'
RO KO	Rosa 'Knockout'	Knockout Rose	18'	AS SHOWN	CONT.	24		4'	4'
SP NF	Spiraea x 'Neon Flash'	Neon Flash Spirea	18"	AS SHOWN	B&B	21		3'	3'
SP GF	Spiraea x bumalda 'Goldflame'	Goldflame Spirea	18"	AS SHOWN	CONT.	3		2-3'	3-4'
	Perennials								
HE PM	Hemerocallis 'Pardon Me'	Pardon Me Daylily	CLUMP	18" O.C.	#2 CONT.	108		2'	2'
IS CB	Iris sibirica 'Caesar's Brother'	Caesar's Brother Iris	CLUMP	24" O.C.	#2 CONT.	68		2'	2'
MO DI	Monarda didyma 'Jacob Cline'	Jacob Kline Bee Balm	CLUMP	18" O.C.	#2 CONT.	65		3'	1.5'
SE AF	Sedum spectable 'Autumn Fire'	Autumn Fire Stonecrop	CLUMP	24" O.C.	#1 CONT.	27		2'	3'
	Ornamental Grass								
CA BZ	Carex flacca 'Blue Zinger'	Blue Zinger Sedge	CLUMP	18" O.C.	#1 CONT.	80		1.5'	1.5'
EL AR	Elymus arenarius 'Blue Dune'	Blue Dune Lyme Grass	CLUMP	AS SHOWN	#2 CONT.	7		2'	3'
KA FO	Calamagrostis × acutiflora 'Karl Foerster'	Karl Foerster Reedgrass	CLUMP	AS SHOWN	#2 CONT.	65		4'	2'
PA HM	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	CLUMP	AS SHOWN	#2 CONT.	18		4'	3'





---->>-----

———— TREE PROTECTION FENCE

FENCE

----- CONSTRUCTION LIMITS



KEY NOTES (BID OPTION #1)

1 18" DIAMETER CONCRETE SPHERE, SEE SPECIFICATIONS
2 24" DIAMETER CONCRETE SPHERE, SEE SPECIFICATIONS

3 30" DIAMETER CONCRETE SPHERE, SEE SPECIFICATIONS

4 36" DIAMETER CONCRETE SPHERE, SEE SPECIFICATIONS

PROJECT NAME:

Environmental Design Group

Architecture evelopment 601 Lakeside Avenue, Ro

City of Cleveland Mayor's Office of Division and Site Cleveland City Hackbone: (216) 66

ARTIMENT OF CLEVELAND
ARTIMENT OF COMMUNITY DEVELOPMENT
VILLAGE PARKING DEVELOPMENT
LOBAIN AVENUE & WEST 119th STREET

LANDSCAPING PLAN

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

DELINEATED BY: KGH

PROJECT NO: 15-00373-020

SCALE: 1"=20'

SHEET NO:

STORMWATER POLLUTION PREVENTION PLAN NOTES

- 1. 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 #OHCOOO005. IF CONFLICTS EXIST REGARDING THE SOIL AND SEDIMENT CONTROL PRACTICES, THE MORE RESTRICTIVE SHALL APPLY.
- 2. 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.
- 3. INSTALL ALL EROSION/SEDIMENT CONTROL ITEMS BEFORE ANY CLEARING/GRUBBING OR EARTHWORK HAS STARTED.
- 4. PROTECT UNDISTURBED AREAS THROUGHOUT CONSTRUCTION. DO NOT STORE EQUIPMENT, VEHICLES OR MATERIALS IN THESE PROTECTED AREAS.
- 5. SEEDING AND FERTILIZER FOR PERMANENT COVER SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659 AND THESE
- 6. MULCHING SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659 AND THESE DRAWINGS.
- 7. TOPSOILING SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659 AND THESE DRAWINGS.
- 8. SILT FENCE AND/OR SILT SOCK SHALL BE AS DETAILED ON THE DRAWINGS.
- 9. NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORMWATER RUNOFF.
- 10. OFF-SITE VEHICLE TRACKING OF SEDIMENTS WILL BE MINIMIZED. ALL OFF-SITE TRACKING OF SEDIMENT SHALL BE CLEANED UP AS IT OCCURS.
- 11. OTHER EROSION CONTROL AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
- 12. TRUCK WASHOUT AND DISCHARGE OF SURPLUS WASH WATER ON SITE IS PERMITTED EXCLUSIVELY IN THE DESIGNATED AREA.
- 13. 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.
- 14. TRENCH WATER MUST BE PUMPED THROUGH A SEDIMENT SETTLING FACILITY OR EQUALLY EFFECTIVE DEVICE PRIOR TO DISCHARGE FROM THE SITE.
- 15. STAGING, STORAGE, FUELING AND VEHICLE PARKING ARE SHOWN ON THE SWPP 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.
- 16. THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES.
- 17. 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 MAINT

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 PRACTIC

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:

- 1. 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
- 2. MANUFACTURER'S RECOMMENDATION SHALL BE FOLLOWED FOR USE AND DISPOSAL.
- 3. PRODUCT TO BE USED ENTIRELY (WHEN POSSIBLE) PRIOR TO DISPOSING.
- 4. 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.
- 5. ALL HAZARDOUS WASTE MATERIAL WILL BE DISPOSED BY THE CONTRACTOR IN A MANNER SPECIFIED BY LOCAL, STATE OR FEDERAL REGULATIONS AND PER MANUFACTURERS RECOMMENDATIONS.
- 6. 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.
- 7. IN THE EVENT OF A SPILL THE FOLLOWING PROCEDURES MUST BE FOLLOWED:
- A. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
 B. THE PROJECT MANAGER AND ENGINEER OF RECORD IMMEDIATELY NOTIFIED.
- C. 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).
- D. IF A SPILL EXCEEDS A REPORTABLE QUANTITY, THE SWPP PLAN MUST BE MODIFIED WITHIN 7 DAYS PROVIDING A DESCRIPTION, DATE AND INCIDENT OF THE RELEASE.

PRODUCT SPECIFIC PRACTICES:

- 1. 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.
- 2. 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		41° 27′ 42.47″ N 81° 46′ 13.19″ W		
CLEVELAND CITY, VILLAGE, TOWNSHIP	CUYAHOGA COUNTY	OHIO STATE		
11815 LORAIN AVENUE SITE ADDRESS				
CITY OF CLEVELAND, MAYOR'S OFFICE OF CA	PITAL PROJECTS	216-664-3656 PHONE		
601 LAKESIDE AVENUE, ROOM 517A, CLEVELA DEVELOPER ADDRESS	AND, OHIO 44114			
CUYAHOGA NAME OF WATERSHED/IMMEDIATE RECEIVING	WATER(S)			
HYDROLOGIC SOIL GROUPS:				
UoB URBAN LAND-OSHTEMO COMPLEX	, UNDULATING			

SITE DESC	<u>RIPTION (EAST)</u> (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	М	Α	М	J	J	Α	S	0	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	М	Α	М	J	J	Α	S	0	N	D
TEMPORARY SEEDING			•	•	•	•	•	•	•	•		
PERMENANT SEEDING			•	•	•	•	•	•	•	•		
LANDSCAPING			•	•				•	•	•	•	•
MULCHING	•	•	•	•	•	•	•	•	•	•	•	•
MAINTENANCE	•	•	•	•	•	•	•	•	•	•	•	•

SOILS MAP





apital Projects

f Architecture

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, 601 Lakeside Avenue, Roor

City of Clevelanu
Mayor's Office of Capital P

Division of Ar

and Site Deve

Cleveland City Hall, 601 La

Cleveland, OH 44114-101
Phone: (216) 664-2374

Environmenta
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T: 330.375.1390
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PROJECT NAME:

DEPARTMENT OF CLEVELAND

DEPARTMENT OF COMMUNITY DEVELOPME

TY VILLAGE PARKING DEVELOI

LORAIN AVENUE & WEST 119th STREET

ISSUED / REVISED

NO. DATE DESCRIPTION

1 10/24/18 BID SET

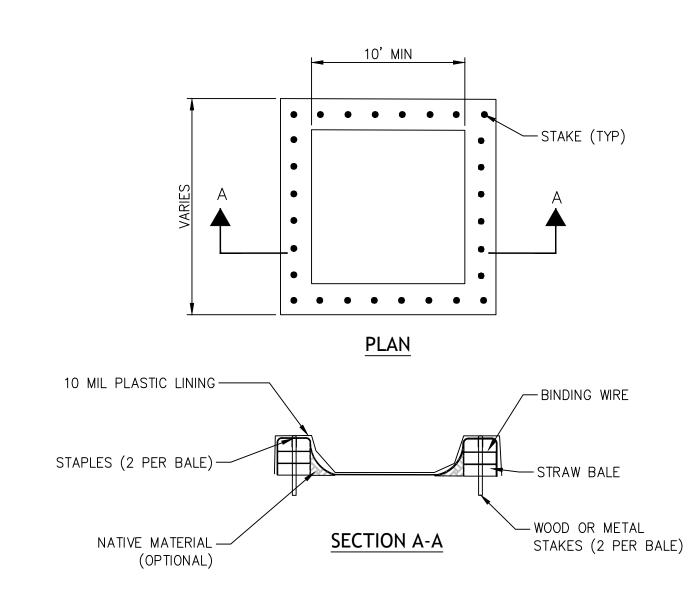
DESIGNED BY: JS/HH DATE: 10/24/18

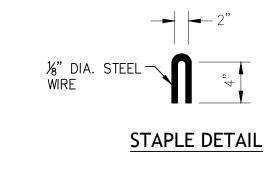
DELINEATED BY: KGH DATE: 10/24/18

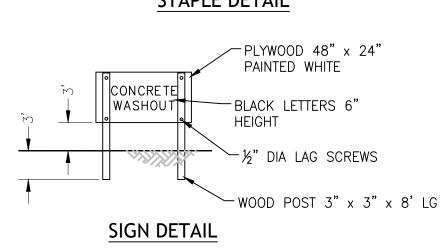
PROJECT NO: 15-00373-020

SWPPP NOTES

PROJECT NO: 15-0037: SCALE: N/A
SHEET NO:





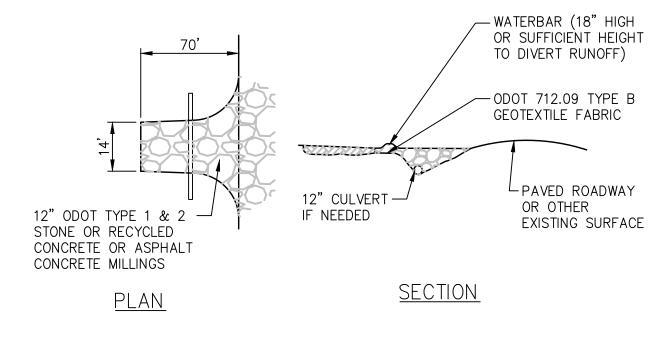


1. ACTUAL LAYOUT AND SIZE DETERMINED IN THE FIELD BY OWNER.

- 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT OF THE TEMPORARY WASHOUT FACILITY.
- 3. AS WASHOUT BECOMES FULL, IT SHALL BE REMOVED AND

CONCRETE WASHOUT STATION

(10) NOT TO SCALE

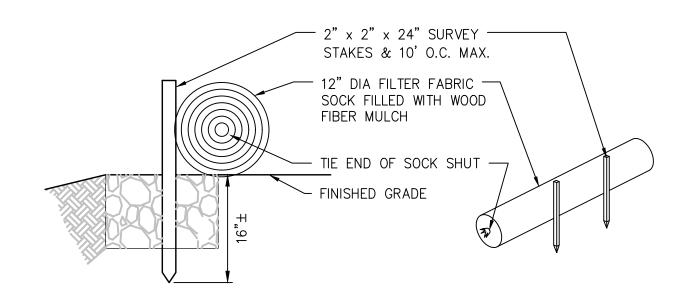


. MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED AWAY ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.

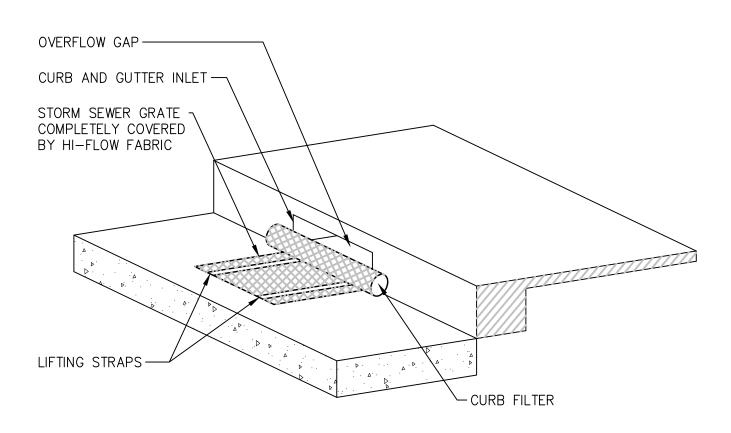
- 2. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
- 3. WHEN THE CONSTRUCTION HAUL ROAD IS NO LONGER NEEDED, THE CONTRACTOR SHALL REMOVE THE AGGREGATE AND RESTORE GRADE TO IT'S ORIGINAL ELEVATION OR AS SHOWN ON THE PLANS.

2 TEMPORARY CONSTRUCTION DRIVE DETAIL \ 10 \int NOT TO SCALE

- NOTES:
 1. WATTLES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING
- 2. EACH BALE SHALL BE PLACED ON PAVEMENT SURFACE. MAINTAIN EROSION CONTROL DEVICE UNTIL PLANTS ARE ESTABLISHED AND THE BIOSWALE SOIL MIX IS STABILIZED.
- 3. WATTLES SHALL BE SECURELY ANCHORED IN PLACE BY TWO STAKES OR RE BARS DRIVEN THROUGH THE WATTLES. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE WATTLES TOGETHER.
- 4. THE CONTRACTOR SHALL INSPECT THE DIKE AFTER EACH STORM, AND BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF SILT SOCK, BIOSWALE SOIL MIX AND PLANTINGS. REPAIRS SHALL BE MADE PROMPTLY AS NEEDED.
- 5. WATTLES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.



4 SILT SOCK DETAIL 10 NOT TO SCALE



WOVEN MONOFILAMENT FABRIC SPECIFICATIONS

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	LBS	265 X 200
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 X 10
PUNCTURE STRENGTH	ASTM D 4833	LBS	90
MULLEN BURST STRENGTH	ASTM D 3786	PSI	450
TRAPEZOID TEAR STRENGTH	ASTM D 4533	LBS	115 X 76
UV RESISTANCE	ASTM D 4355	%	90
APPARENT OPENING SIZE	ASTM D 4751	US STD SIEVE	40
FLOW RATE	ASTM D 4491	GAL/MIN/FT ²	145
PERMITTIVITY	ASTM D 4491	SEC ⁻¹	2.1

ALL CRITERIA LISTED ARE MINIMUM VALUES.

3 INLET PROTECTION DETAIL - CURB FILTER

10 NOT TO SCALE

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f Architecture evelopment

City of Cleveland Mayor's Office of Division Cand Site Cleveland City Hall Cleveland, OH 44 Phone: (216) 664

Environmental Design Group

PROJECT NAME:

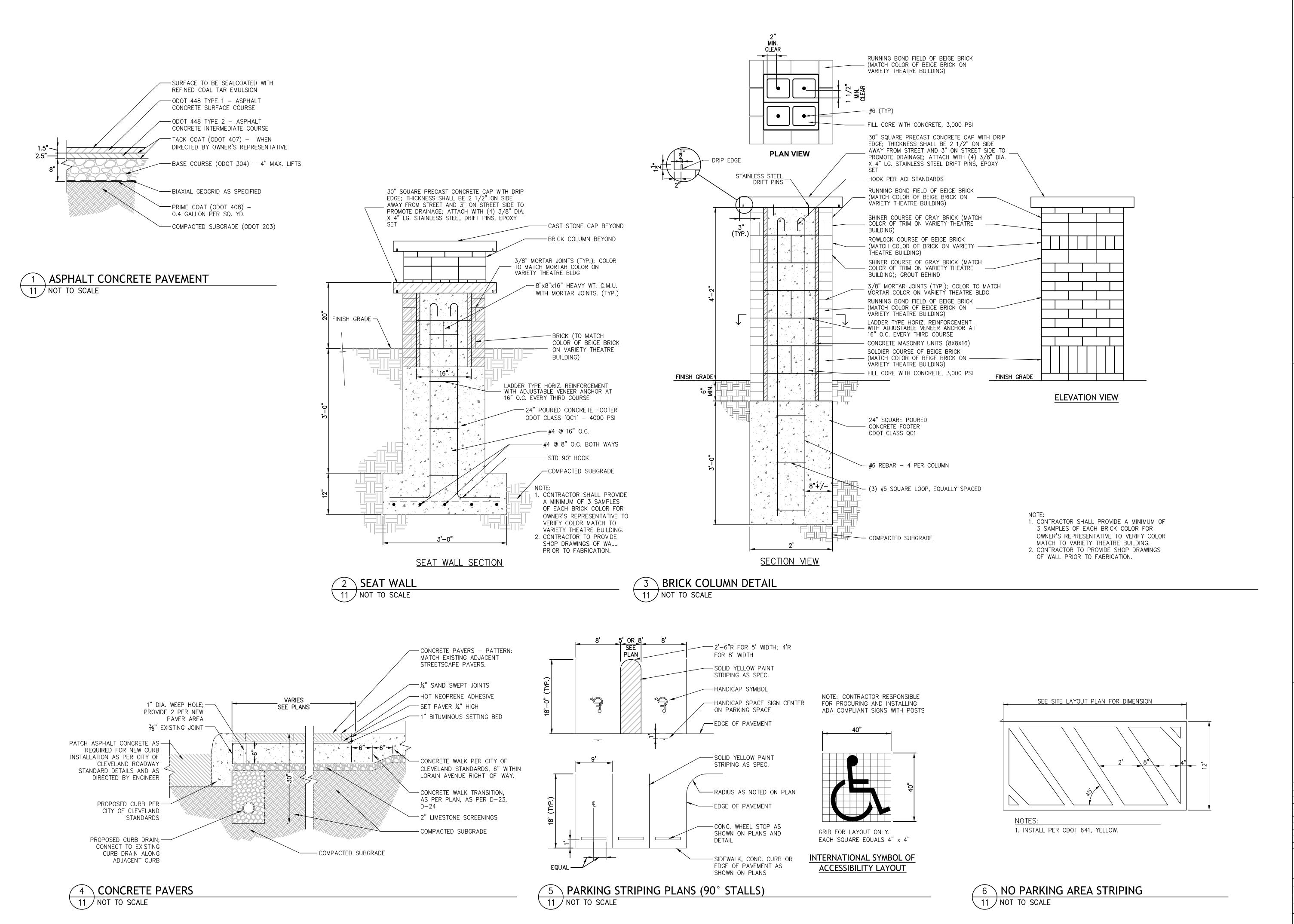
ISSUED / REVISED NO. DATE DESCRIPTION 1 10/24/18 BID SET

SWPPP DETAILS

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

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

SHEET NO: 10



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City of Cleveland Mayor's Office of Oivision Cleveland City Hale Cleveland, OH 44 Phone: (216) 664

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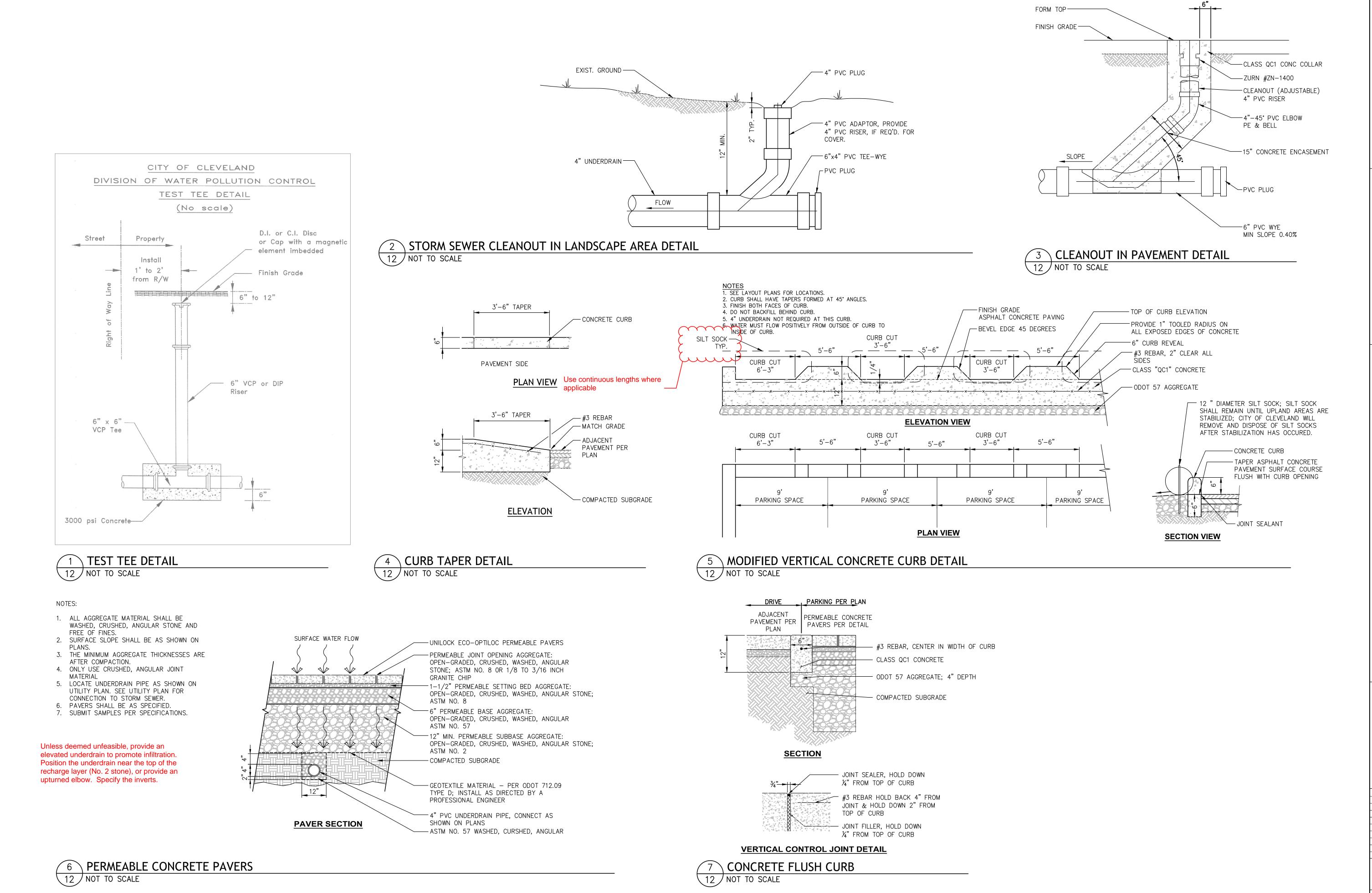
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Capital Projects **Of Architecture Development**II, 601 Lakeside Avenue, Room 5174

City of Cleveland
Mayor's Office of Capital Projects

Division of Archite
and Site Developr

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PROJECT NAME:

ECT NAME:

CITY OF CLEVELAND

PARTMENT OF COMMUNITY DEVELOPMENT

VILLAGE PARKING DEVELOPME

LORAIN AVENUE & WEST 119th STREET

ITLE:

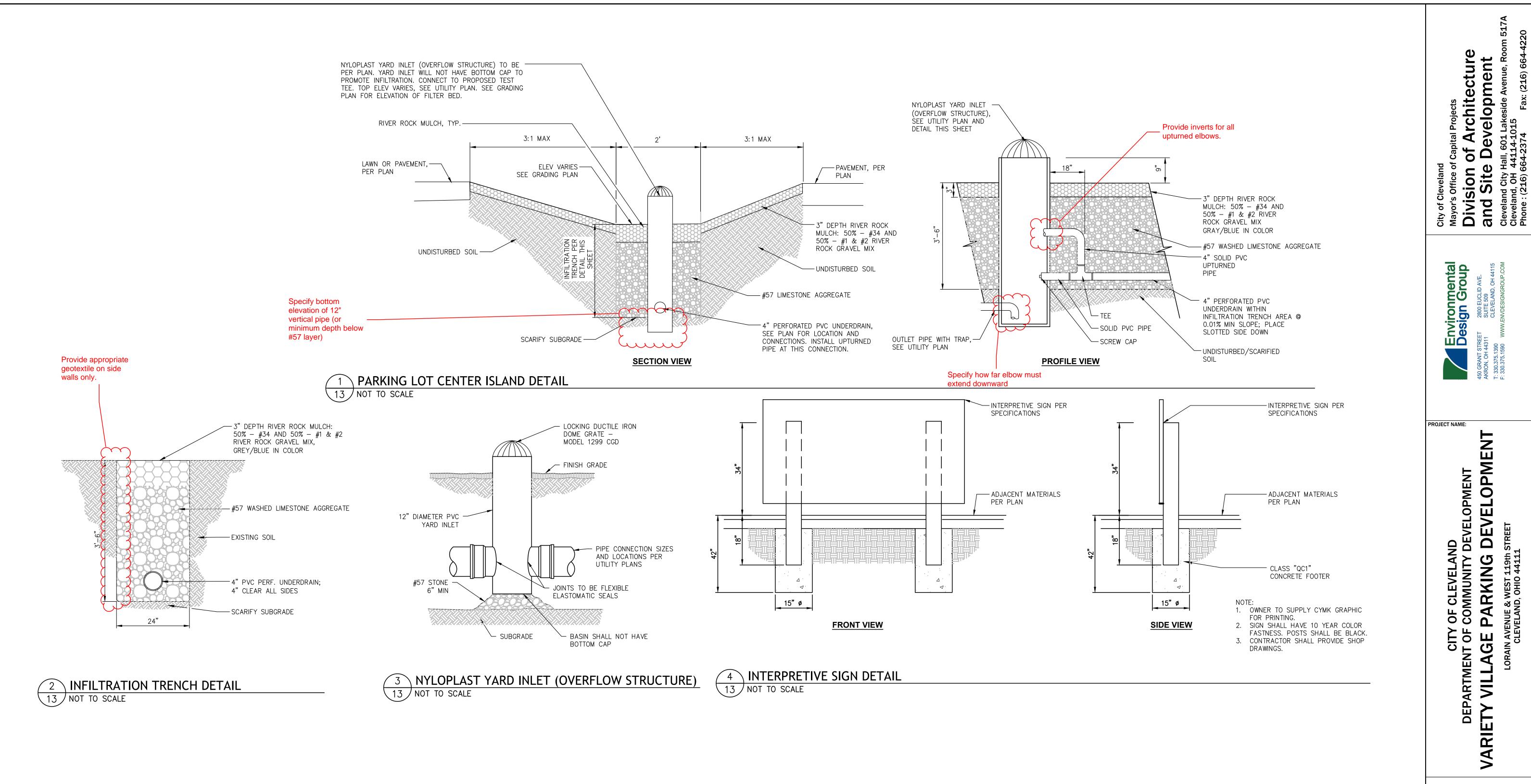
CONSTRUCTION DETAILS

DESIGNED BY: JS/HH DATE: 10/24/18
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PROJECT NO: 15-00373-020

SCALE: N/A

SHEET NO:



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CLEVELAND, OHIO 44111

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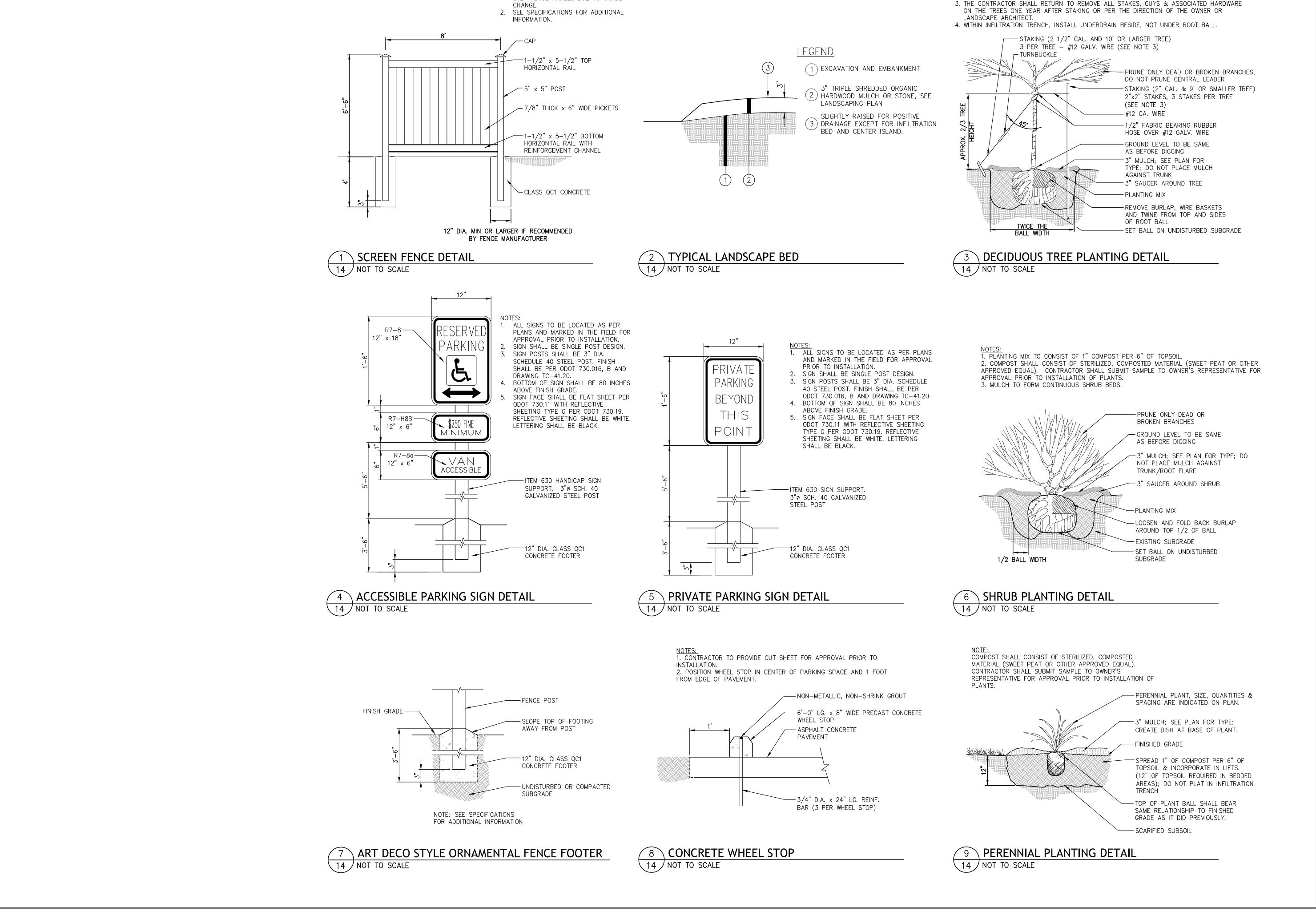
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DELINEATED BY: KGH DATE: 10/24/18 PROJECT NO: 15-00373-020 N/A SHEET NO:



1. LONGER POSTS MAY BE REQUIRED TO

STEP FENCE PANELS DUE TO GRADE

f Architecture evelopment

1. REMOVE BURLAP, WIRE BASKETS AND TWINE FROM TOP AND SIDES OF ROOT BALL. CENTER

2. COMPOST SHALL CONSIST OF STERILIZED, COMPOSTED MATERIAL (SWEET PEAT OR OTHER APPROVED EQUAL). CONTRACTOR SHALL SUBMIT SAMPLE TO OWNER'S REPRESENTATIVE FOR

TREE IN HOLE SET TOP OF BALL 1" ABOVE FINISH GRADE.

APPROVAL PRIOR TO INSTALLATION OF PLANTS.

d O City of Cleveland Mayor's Office of Oivision Cleveland City Hale Cleveland City Hale Cleveland, OH 44 Phone: (216) 664

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PROJECT NAME:

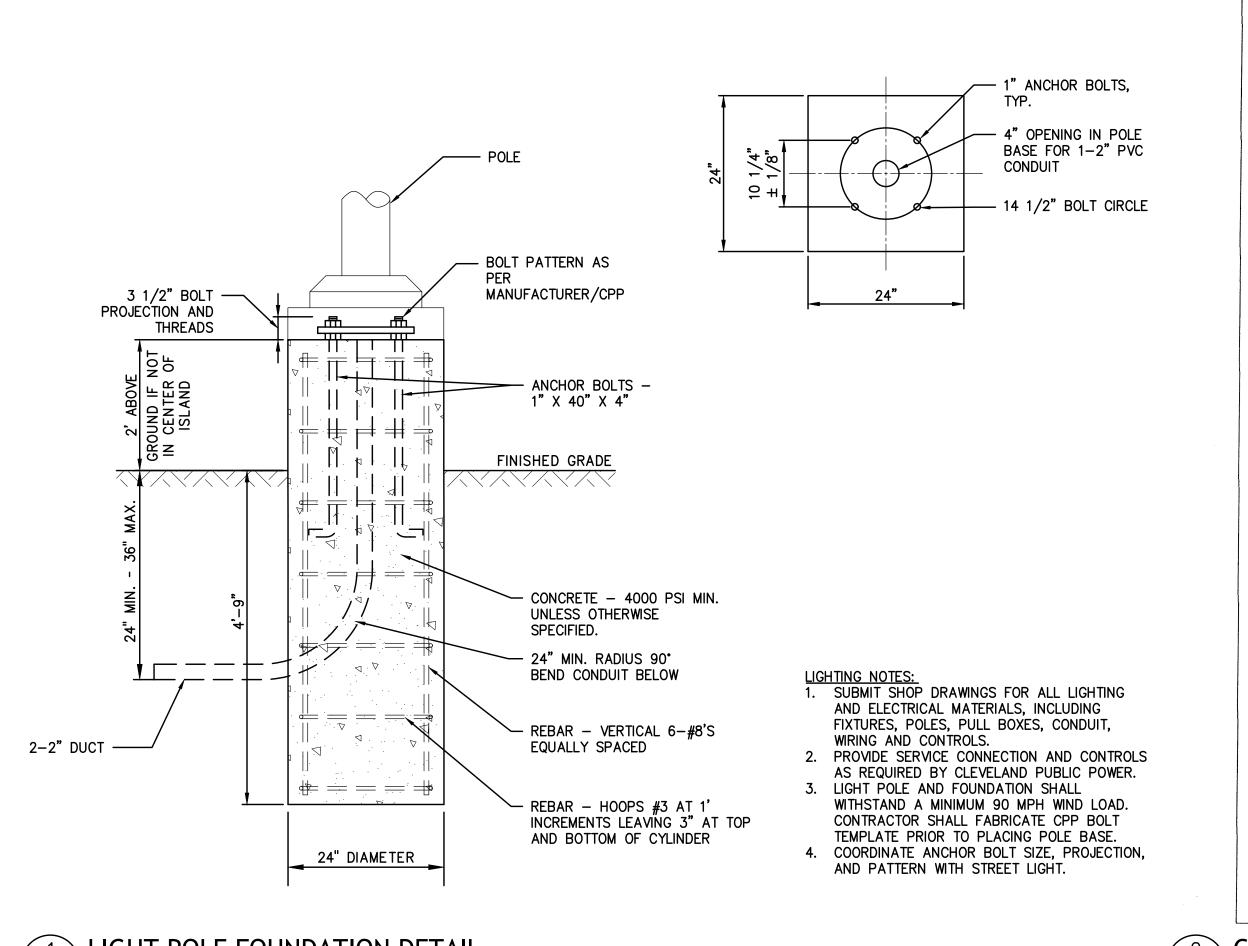
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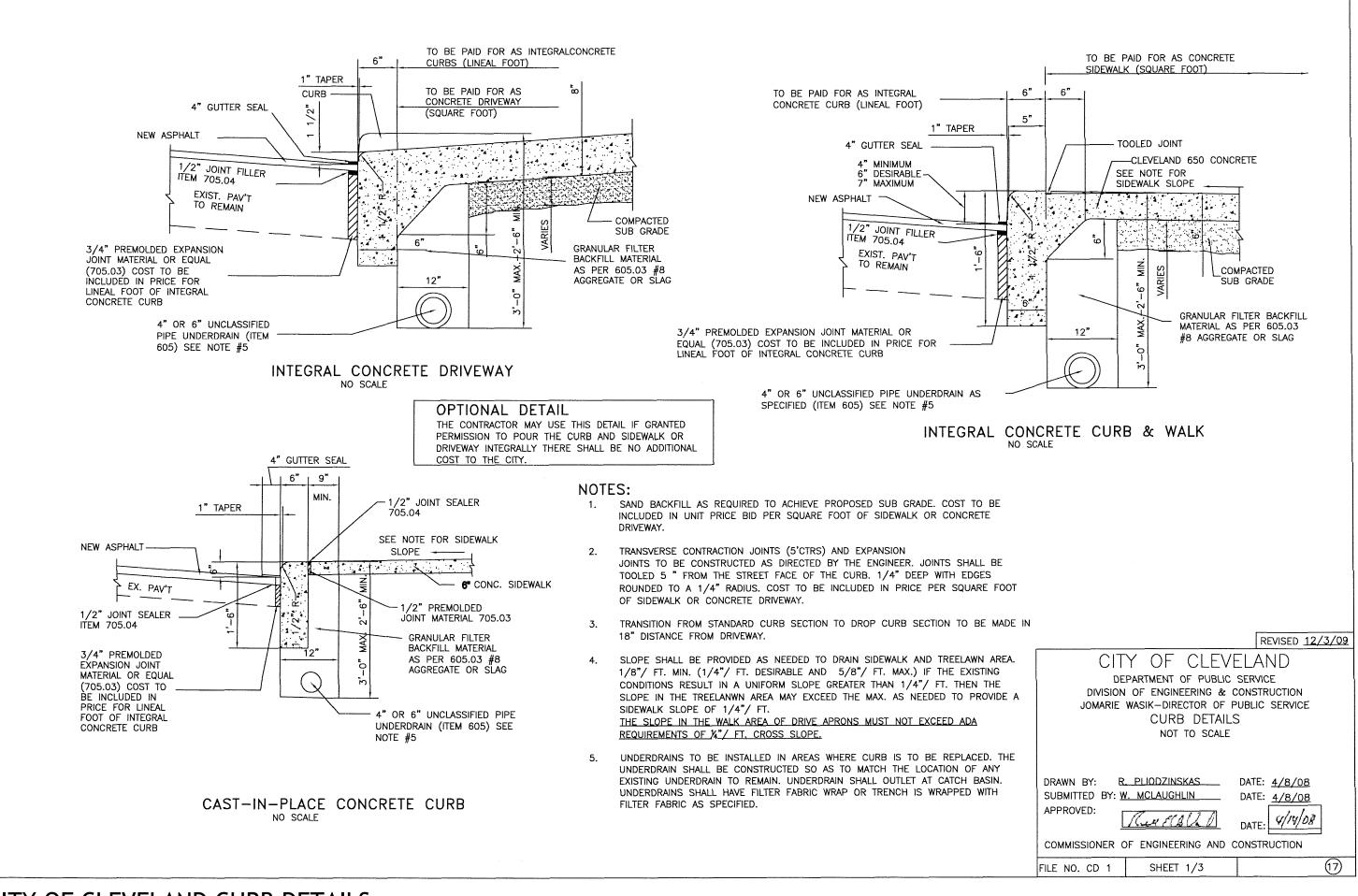
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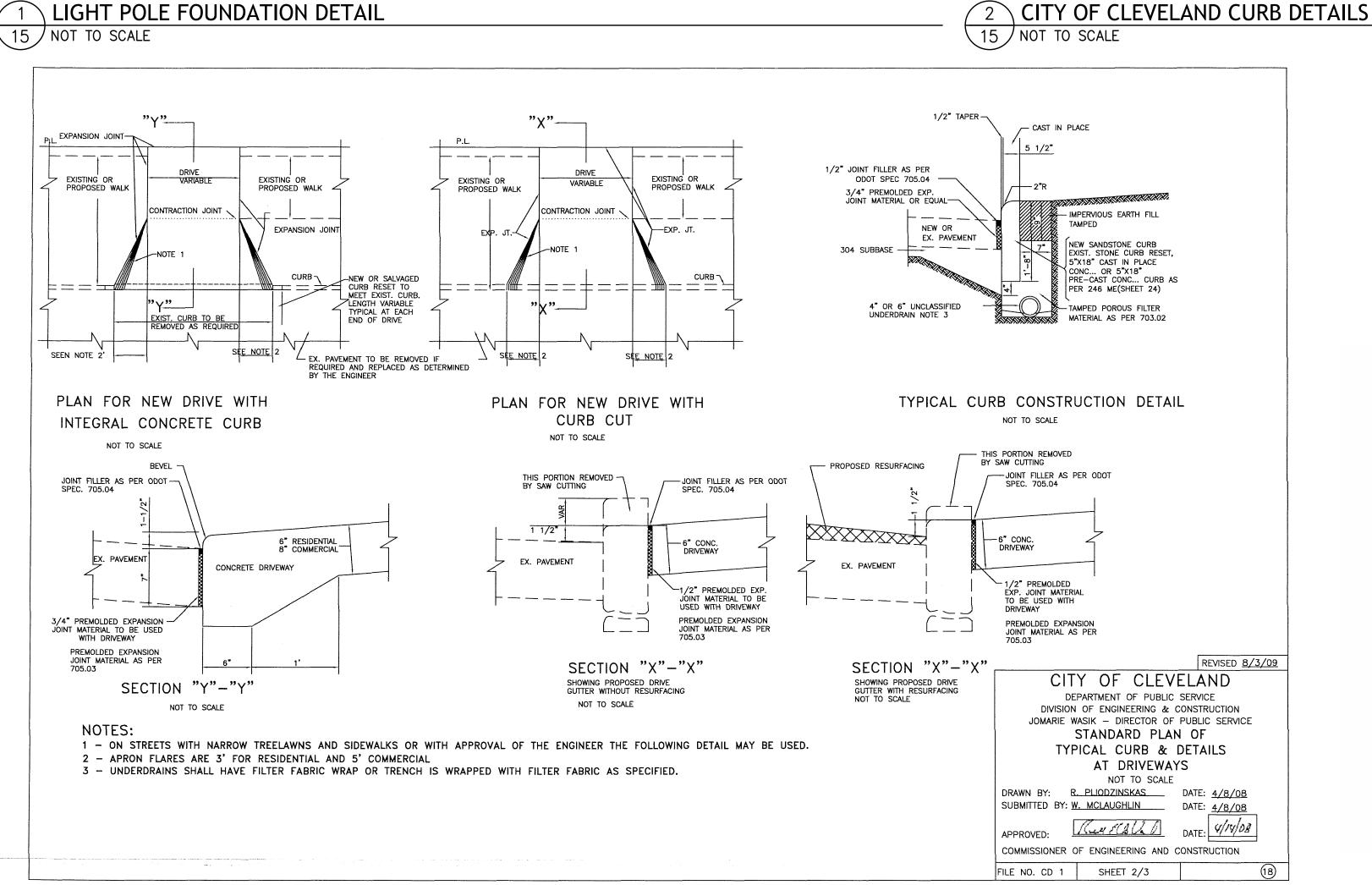
ISSUED / REVISED NO. DATE DESCRIPTION 1 10/24/18 BID SET

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

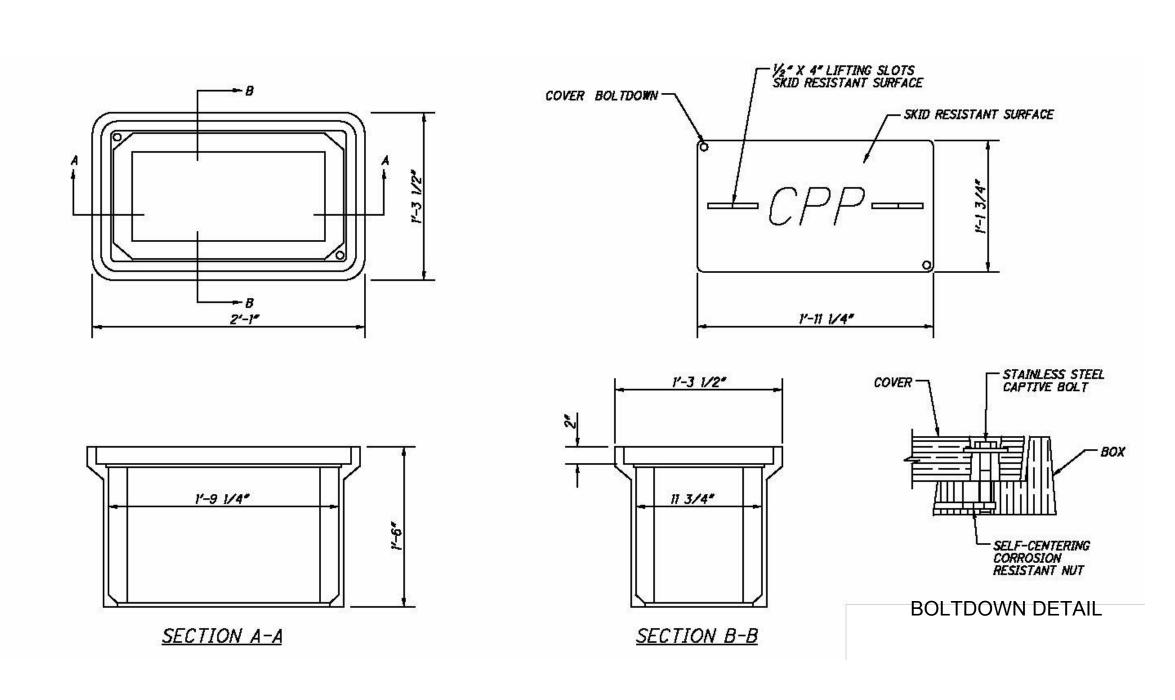
DELINEATED BY: KGH DATE: 10/24/18 PROJECT NO: 15-00373-020 N/A SHEET NO:







CITY OF CLEVELAND STANDARD PLAN OF TYPICAL CURB & DETAILS AT DRIVEWAYS



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DELINEATED BY: KGH DATE: 10/24/18 PROJECT NO: 15-00373-020 N/A SHEET NO: **15**

15 NOT TO SCALE