WESTOWN COMMUNITY DEVELOPMENT CORPORATION WEST BLVD GREEN INFRASTRUCTURE GRANT PARKING LOT DESIGN

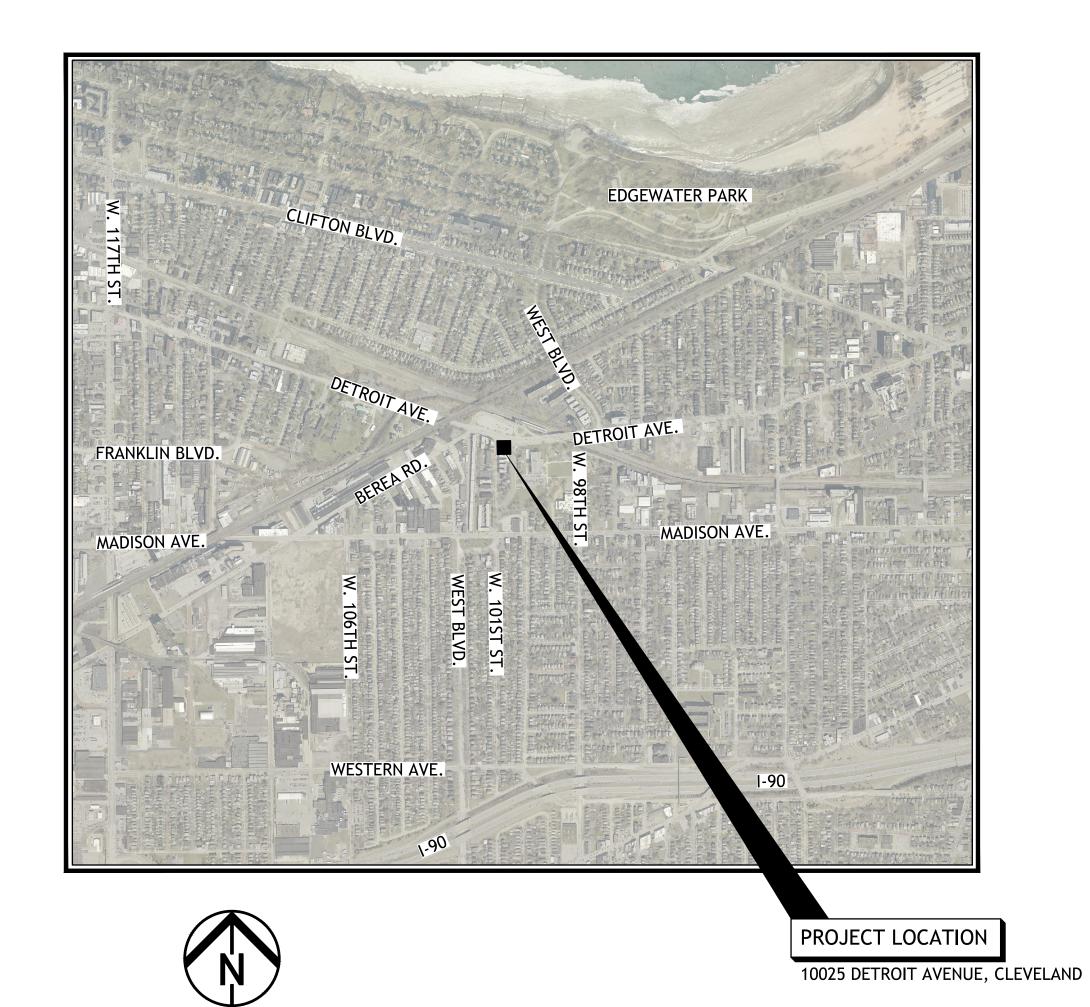
CUYAHOGA COUNTY, OHIO

WESTOWN COMMUNITY DEVELOPMENT CORPORATION Project 18-00313-010

ISSUED: DESIGN/BUILD SET - MAY 15, 2020

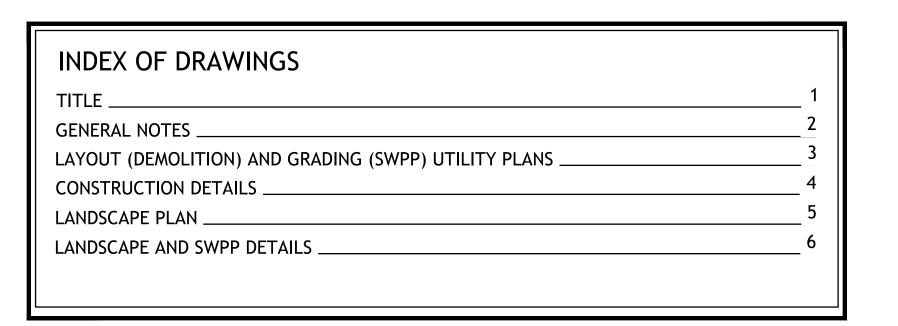
SITE PLAN LEGEND

EXISTING	PROPOSED	
		- CENTERLINE/BASELINE CONSTRUCTION
	P	- PROPERTY LINE
————Ex R/W———	R/W	- RIGHT OF WAY
		- EASEMENT
	TMP	TEMPORARY RIGHT OF WAY
		— SWALE
— — ——1000— — —	————1000———	- CONTOUR
<u>X"</u> <u>STM</u>	st <u>X" STM</u> st	- STORM SEWER
<u>X"</u> S <u>AN</u>	SA <u>X" SAN</u> SA	SANITARY SEWER
<u>X" WTR</u> w	w X" WTR	— WATER LINE
——————————————————————————————————————	w	- WATER SERVICE
GG X" GAS	G X" GAS	— GAS LINE
UGE	——— E————	ELECTRIC LINE, UNDERGROUND
UGT	—— Т	TELEPHONE LINE, UNDERGROUND
FOC	FOC	- FIBER OPTIC LINE, UNDERGROUND
CATV		CABLE LINE, UNDERGROUND
		CATCH BASIN, MANHOLE MANHOLE ADJUSTED TO GRADE
Too	Y	HYDRANT, HYDRANT ASSEMBLY
$WV\bowtie GV\bowtie$	WV ►	VALVE, WV=WATER VALVE GV=GAS VALVE
E G W		METER, E=ELECTRIC, G=GAS, W=WATER
		ELECTRIC CABINET, PULL BOX, PEDESTAL, MANHOLE
© \$^2		TELEPHONE MANHOLE, UTILITY MARKER
$m{arphi}_{m{\phi}} m{\phi} m{\phi}^{m{\sigma}} m{\phi}$	$ \leftarrow otag $ $ otag $	POWER POLE, TELEPHONE POLE, COMBINATION POLE, LIGHT POLE
IPFO	IPS ●	IRON PIN/PIPE FOUND, IRON PIN SET
MON	MON	MONUMENT BOX
- 		SIGN
<i>MB</i>		MAILBOX
$\mathscr{\mathfrak{p}}^{ \!$		FLAG POLE, DECORATIVE/YARD LIGHT
		TREE, SHRUB LINE, TREE REMOVED, TREE LIMBED AND ROOT PRUNED
<u># 1000</u>		BASEMENT ELEVATION



LOCATION MAP

GRAPHIC SCALE IN FEET



APPROVALS: WESTOWN COMMUNITY DEVELOPMENT CORPORATION	
ROSE A. ZITIELLO, ESQ. EXECUTIVE DIRECTOR	Date

PLANS PREPARED AND RECOMMENDED BY:



REVISED:	SET NO.

 PROJ. NUMBER
 18-00313-010
 SHEET

 DESIGNED BY:
 KGH
 TITLE
 1 of 6

 FILE NO.
 ZTITLE 18-00313-010.dwg
 TITLE
 1 of 6

THESE DRAWINGS ARE AN ABBREVIATED DESIGN SET TO CLARIFY AND COMMUNICATE GENERAL DESIGN INTENT WITH THE UNDERSTANDING THAT THIS IS A DESIGN/BUILD DELIVERY METHOD. HOWEVER, DESIGN AND TECHNICAL SPECIFICATIONS ARE COMPLETE.

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THESE PLAN BID DOCUMENTS SHALL GOVERN THIS IMPROVEMENT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR, LANDSCAPE ARCHITECT OR ENGINEER SHALL BE CONSTRUED TO MEAN THE OWNER AND/OR HIS REPRESENTATIVES.



ALL ITEM NUMBERS REFER TO THE 2019 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 AND CITY OF CLEVELAND NOTED ON THE TITLE SHEET AND IN THE DRAWINGS.

TESTING AND PERMITS

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT. THE OWNER SHALL COORDINATE THESE PERMITS.
- 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.
- 3. NO COMPACTION SHALL OCCUR WITHIN THE FOOTPRINT OF THE BIORETENTION.

UTILITY OWNERSHIP

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

DOMINION EAST OHIO CLEVELAND PUBLIC POWER 320 SPRINGSIDE DRIVE, SUITE 320 1300 LAKESIDE AVE. CLEVELAND, OH 44114 AKRON, OH 44333 (330) 664-2409(216) 664-4600 ATTN: MARY LONG **ATTN: BEAU STEINMETZ** (216) 563-7265 BSTEINMETZ@CPP.ORG NORTHEAST OHIO REGIONAL SEWER DISTRICT 3826 EUCLID AVE. CITY OF CLEVELAND -CLEVELAND, OH 44115 WATER POLLUTION (216) 881-8247 12302 KIRBY AVE. CLEVELAND, OH 44108 CENTURYLINK LOCAL (216) 664-2513 3801 ELM RD. WARREN, OH 44483 CLEVELAND ELECTRIC (330) 841–1404 ILLUMINATING COMPANY ATTN: ROD HARRIS 6896 MILLER RD. BRECKSVILLE, OH 44141 (440) 358-4991 CLEVELAND WATER ATTN: RALPH DELLIGATTI DEPARTMENT

216-664-2444 EXT. 5555

CHARTER COMMUNICATIONS
8150 DOW CIRCLE
STRONGSVILLE, OH 44136

1201 LAKESIDE AVE.

CLEVELAND, OH 44114

(216) 392–7963
ATTN: GARY NAUMANN

MCI
120 RAVINE ST.
AKRON, OH 44303
(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. 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.

13630 LORAIN AVE.

ATTN: JAMES JANIS

(216) 476-6142

CLEVELAND, OH 44111

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 ADJOINING BUSINESS 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.

CONCRETE WASHOUT

CONTRACTOR SHALL NOT PERFORM CONCRETE WASHOUT ON SITE.

ITEM 659 - SEEDING AND MULCHING, AS PER PLAN

THE VARIOUS SECTIONS OF ITEM 659, SEEDING AND MULCHING, AS DESCRIBED IN ODOT CMS SHALL APPLY, EXCEPT AS AMENDED BY THE FOLLOWING:

ITEM 659.05 TOPSOIL SHALL BE SYNONYMOUS WITH PLANTING MIX. REGARDLESS OF SOIL ANALYSIS, PLANTING MIX SHALL BE MADE UP OF ONE PART COMPOST TO SIX PARTS TOPSOIL.

ITEM 659.07 SEED SHALL BE RESIDENTIAL LAWN MIX BY LESCO CORPORATION, OR EQUAL.

TEM 659.10 SITE PREPARATION SHALL BE REPLACED BY THE FOLLOWING:

659.10 SITE PREPARATION.

PRIOR TO PLACING TOPSOIL, INSPECT THE SURFACE OF THE SUBGRADE. REMOVE ALL STONES, ROOTS, OR OTHER MATERIAL FROM THE SURFACE THAT IS LARGER THAN ONE INCH AS MEASURED IN ANY ONE DIRECTION. THEN PLACE TOPSOIL IN ACCORDANCE WITH ITEM 659.11.

SEEDBED SHALL THEN BE PREPARED REMOVING ALL ROCK AND FOREIGN MATERIAL GREATER THAN ONE INCH IN ANY DIRECTION AND FINE GRADED BY RAKING TO PLAN GRADE, TO THE SATISFACTION OF THE ENGINEER.

ITEM 659 - MAINTENANCE SHALL BE REPLACED BY THE FOLLOWING:

659.18 MAINTENANCE OF LAWN SEED AREAS. ALL SEEDED AND MULCHED AREAS SHALL BE MAINTAINED UNTIL ACCEPTANCE. MAINTENANCE SHALL ALSO INCLUDE FURNISHING AND INSTALLING APPROVED BARRICADES AND SIGNS TO PROTECT NEWLY SEEDED AND MULCHED AREAS. ALL AREAS DAMAGED FOLLOWING SEEDING OR MULCHING OPERATIONS DUE TO WIND, WATER, FIRE, OR OTHER CAUSES SHALL BE REPAIRED. SUCH DAMAGED AREAS SHALL BE REPAIRED TO RE—ESTABLISH THE CONDITION AND GRADE OF THE AREA PRIOR TO SEEDING. IT THEN SHALL BE RESEEDED AND REMULCHED. AS DIRECTED BY THE ENGINEER.

RESTORATION IS CRITICAL TO MINIMIZE DISRUPTION AND INCONVENIENCE FOR PROPERTY OWNERS. BASED ON THE SEQUENCE OF CONSTRUCTION DESCRIBED ELSEWHERE, THE GENERAL NOTES AND/OR THE MAINTENANCE OF TRAFFIC NOTES, EARTHWORK WILL BE COMPLETED WITH MINIMAL DISRUPTION TO THE ADJOINING PARKING LOT AT 11916 LORAIN AVENUE.

THE CONTRACTOR SHALL MOBILIZE THE LANDSCAPE CREW(S) WITHIN ONE WEEK OF THE 90% POINT. CREW(S) SHALL ENGAGE IN TOPSOILING, SEEDING, PLANT INSTALLATION, MULCHING/MATTERING, WATERING AND MAINTENANCE. WORK SHALL BE CONTINUOUS UNTIL COMPLETE. IF DRIVEWAYS ARE NOT COMPLETE, RESTORATION AROUND THEM CAN BE SKIPPED UNTIL THEY ARE COMPLETE.

- 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 LANDSCAPE ARCHITECT.
- 3. FINAL PLACEMENT OF PLANT MATERIALS, ETC. SHALL BE APPROVED BY LANDSCAPE ARCHITECT BEFORE PLANTING OPERATIONS ARE TO PROCEED.
- 4. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ALLOWED UNLESS PREVIOUSLY APPROVED BY LANDSCAPE ARCHITECT.
- 5. 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.
- 6. ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION, AS SET FORTH BY AMERICAN ASSOCIATION OF NURSERYMEN.
- 7. COMPOST SHALL CONSIST OF STERILIZED, COMPOSTED MATERIAL (SWEET PEAT OR OTHER APPROVED EQUAL). CONTRACTOR SHALL SUBMIT SAMPLE TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION OF PLANTS.
- 8. 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.
- 9. ALL NEW LANDSCAPE PLANTINGS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING FINAL INSPECTION BY LANDSCAPE ARCHITECT. AT END OF THIS PERIOD, PLANT MATERIAL DEEMED DEAD OR UNSATISFACTORY BY LANDSCAPE ARCHITECT SHALL BE REPLACED AT NO ADDITIONAL CHARGE BY THE LANDSCAPE CONTRACTOR.





WEST DEVD GREEN
INFRASTRUCTURE GRAN
PARKING LOT DESIGN

CORPOR

ESTOWN: VELOPMI

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PROJECT NO.: 18-00313-010

DRAWN BY: JM

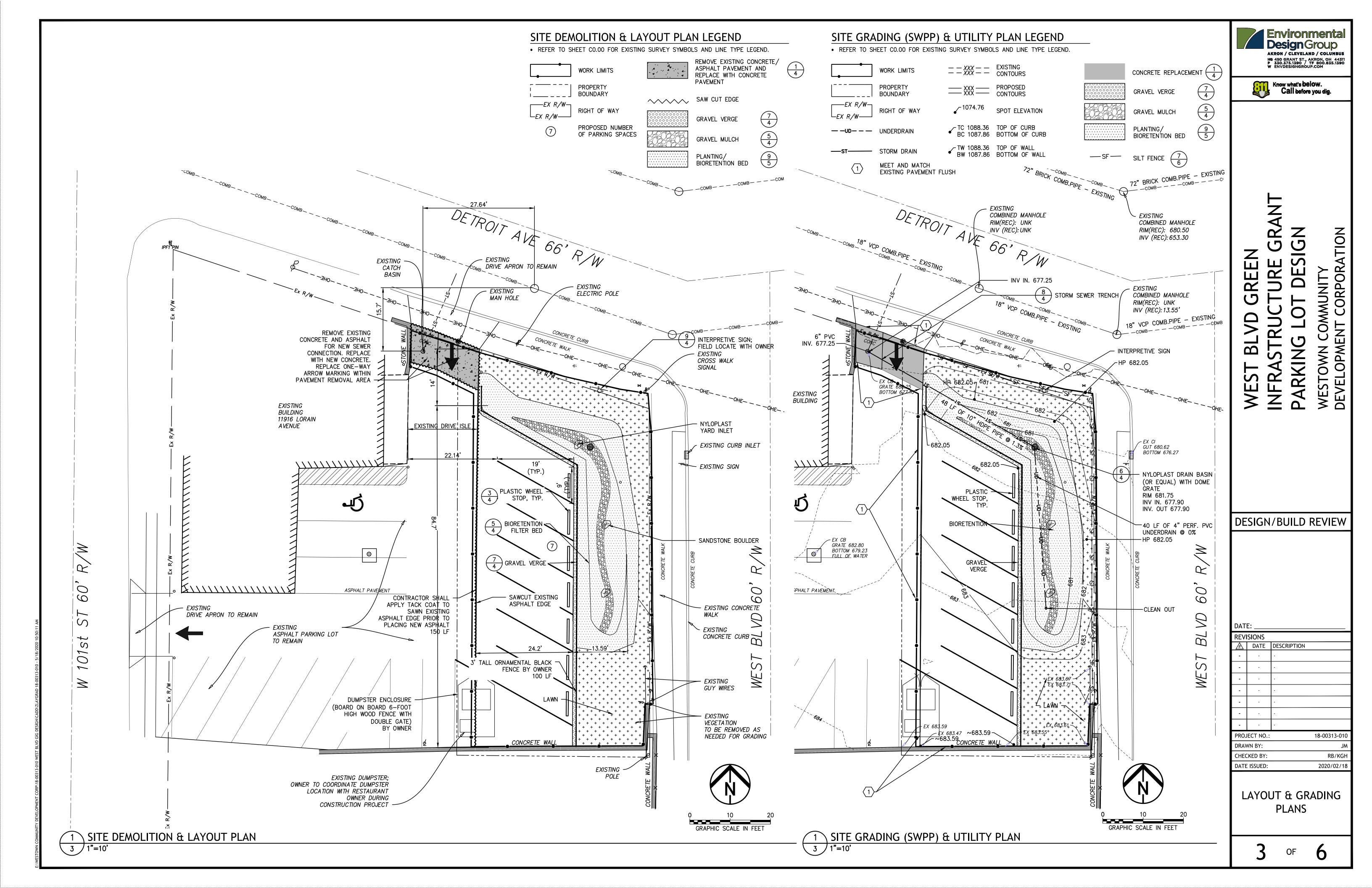
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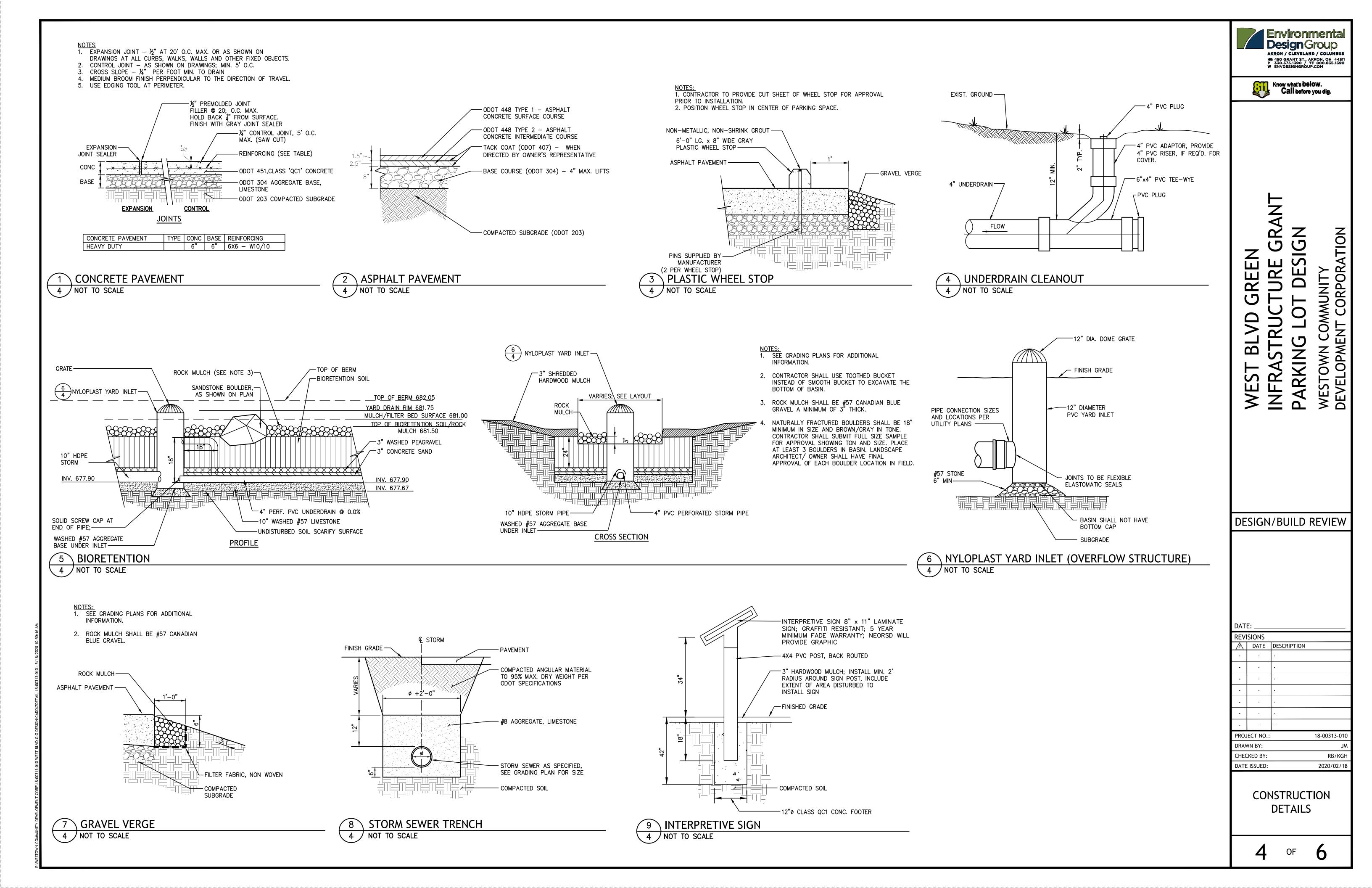
DATE ISSUED: 2020/02/18

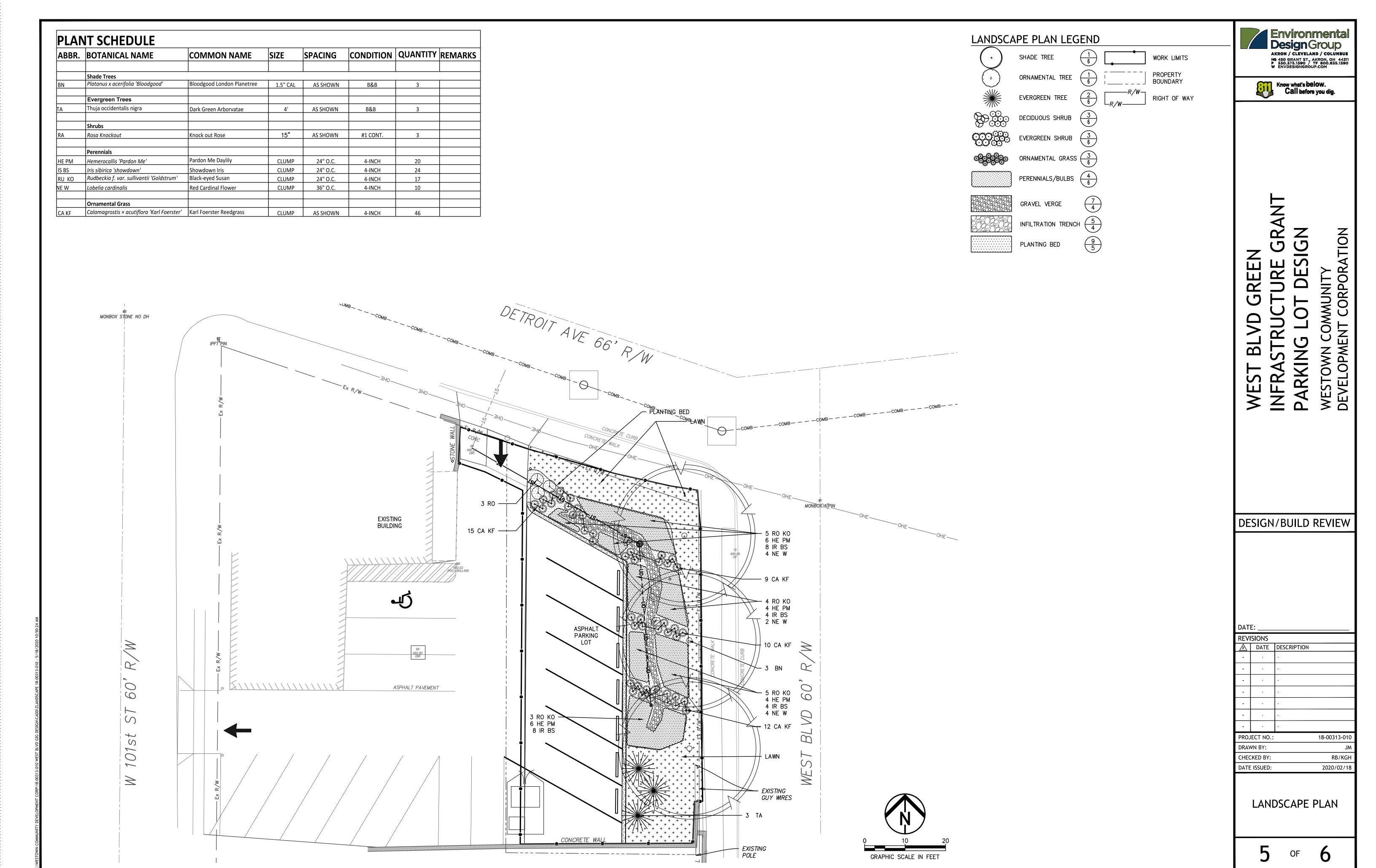
GENERAL NOTES

2 OF

6





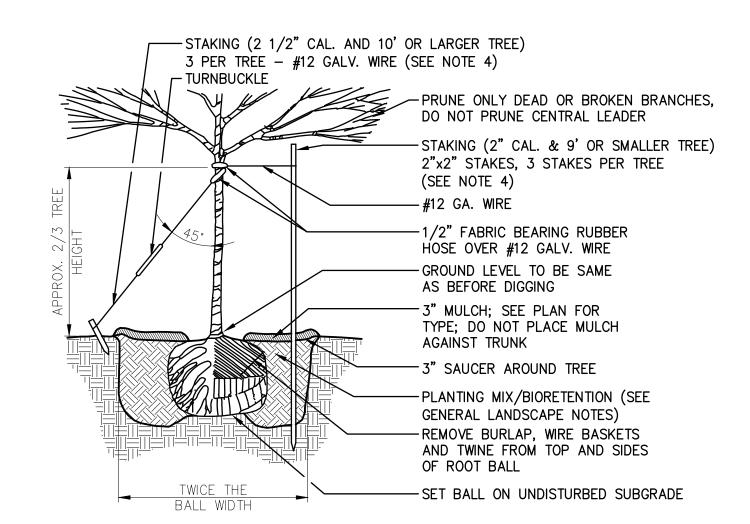


NOTES:

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

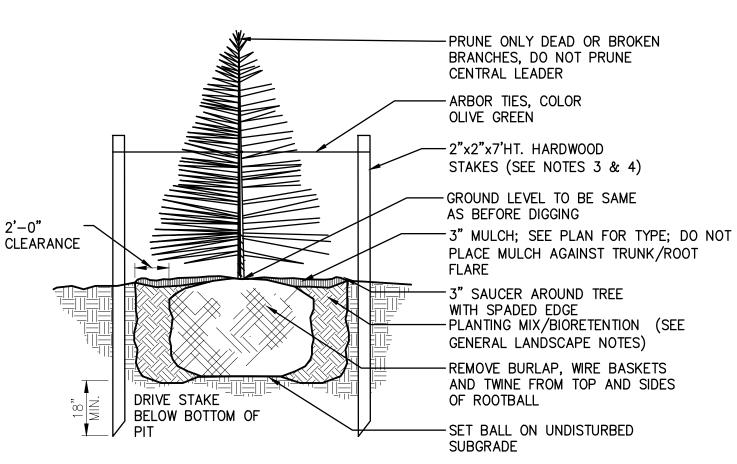
TREE IN HOLE SET TOP OF BALL 1" ABOVE FINISH GRADE. 2. COMPOST SHALL CONSIST OF STERILIZED, COMPOSTED MATERIAL (SWEET PEAT OR OTHER APPROVED EQUAL). PLANING MIX SHALL BE ONE PART EXISTING SOIL TO THREE PARTS COMPOST OR BIORETENTION SOIL IF PLANTS ARE IN BIORETENTION AREA. CONTRACTOR SHALL SUBMIT SAMPLE TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION OF

3. SEE SEEDING AND MULCHING NOTES FOR ADDITIONAL INFORMATION.



DECIDUOUS TREE PLANTING DETAIL

6 NOT TO SCALE



2 EVERGREEN TREE PLANTING DETAIL

6 ∕ NOT TO SCALE

NOTES:

1. MULCH TO FORM CONTINUOUS SHRUB BEDS. 2. SEE SEEDING AND MULCHING NOTES FOR ADDITIONAL INFORMATION. -PRUNE ONLY DEAD OR BROKEN BRANCHES -GROUND LEVEL TO BE SAME AS BEFORE DIGGING NOT PLACE MULCH AGAINST TRUNK/ROOT FLARE -3" SAUCER AROUND SHRUB GENERAL LANDSCAPE NOTES) AROUND TOP 1/2 OF BALL - EXISTING SUBGRADE 1/2 BALL WIDTH

SHRUB PLANTING DETAIL 6 NOT TO SCALE

NOTES:

1. SEE SEEDING AND MULCHING NOTES FOR ADDITIONAL INFORMATION. -PERENNIAL PLANT, SIZE, QUANTITIES & SPACING ARE INDICATED ON PLAN. -3" MULCH; SEE PLAN FOR TYPE; DO -3" MULCH; SEE PLAN FOR TYPE; CREATE DISH AT BASE OF PLANT. - FINISHED GRADE -PLANTING MIX/BIORETENTION (SEE -PLANTING MIX/BIORETENTION (SEE GENERAL LANDSCAPE NOTES) -LOOSEN AND FOLD BACK BURLAP TOP OF PLANT BALL SHALL BEAR 2X CONT. -SET BALL ON UNDISTURBED SAME RELATIONSHIP TO FINISHED SUBGRADE GRADE AS IT DID PREVIOUSLY.

PERENNIAL PLANTING DETAIL

- SCARIFIED SUBSOIL

6 NOT TO SCALE

-SPADE CUT PLANTING BED EDGE 4" DEEP SO THAT LAWN OR PAVEMENT WILL RETAIN MULCH -3" MULCH; SEE PLAN **ADJACENT** FOR TYPE; LAWN OR **PAVEMENT** -PLANT BED 12" PLANT SOIL MIXTURE IN PLANTING BED (SEE SEEDING AND MULCHING NOTES) -EXISTING SUBGRADE

5/6\ TYPICAL LANDSCAPE BED

RANT **U** RE BL **PARKII** 2

COMMUNITY NT CORPORATION

WESTOWN O

Environmental DesignGroup

AKRON / CLEVELAND / COLUMBUS

HQ 450 GRANT ST., AKRON, OH 44311 P 330.375.1390 / TF 800.835.1390 W ENVDESIGNGROUP.COM

Know what's below.
Call before you dig.

DESGIN/BUILD REVIEW

REVISIONS

⚠ DATE DESCRIPTION

18-00313-010 PROJECT NO.: DRAWN BY: **CHECKED BY:** RB/KGH DATE ISSUED: 2020/02/18

LANDSCAPE DETAILS

OF