



HISTORIC DISTRICT COMMISSION APPLICATION FOR WORK APPROVAL

City of Detroit - Planning & Development Department
2 Woodward Avenue, Suite 808
Detroit, Michigan 48226

APPLICATION ID
HDC2025-00115

PROPERTY INFORMATION

ADDRESS(ES): Virginia Park St (M10 to Woodward)
HISTORIC DISTRICT: New Center Area

SCOPE OF WORK: (Check ALL that apply)

- | | | | | | |
|---|--|---------------------------------------|--|--|---|
| <input type="checkbox"/> Windows/ Doors | <input type="checkbox"/> Walls/ Siding | <input type="checkbox"/> Painting | <input type="checkbox"/> Roof/Gutters/ Chimney | <input type="checkbox"/> Porch/Deck/Balcony | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Signage | <input type="checkbox"/> New Building | <input type="checkbox"/> Addition | <input checked="" type="checkbox"/> Site Improvements (landscape, trees, fences, patios, etc.) | |

BRIEF PROJECT DESCRIPTION:
<p>The Virginia Park Road Reconstruction project is a curb-to-curb reconstruction of the historic 30-foot-wide road from John C. Lodge Freeway to Woodward Ave. The road itself is characterized by its original brick paver surface and stone curbs which will be replaced. Additional improvements of strategically target areas could include repair of worn concrete sidewalk and driveway approaches that front the street, replacement of several noncompliant ADA crosswalk ramps, new shade street trees, and minimal upgrades to existing site furnishings. The estimated construction cost for the project is \$5,278,100 with construction starting on the Summer of 2025 to be completed late Fall 2025.</p>

APPLICANT IDENTIFICATION

TYPE OF APPLICANT: Property Owner/Homeowner			
NAME: Dolin Diaz	COMPANY NAME: The City of Detroit		
ADDRESS: 2 Woodward Ave, Suite 611	CITY: The City of Detroit	STATE: MI	ZIP: 48226
PHONE: +1 (313) 628-9999	EMAIL: dolin.diaz@detroitmi.gov		

I AGREE TO AND AFFIRM THE FOLLOWING:

- I understand that the failure to upload all required documentation may result in extended review times for my project and/or a denied application.
- I understand that the review of this application by the Historic District Commission does not waive my responsibility to comply with any other applicable ordinances including obtaining appropriate permits (building, sign, etc.) or other department approvals prior to beginning the work.
- I hereby certify that I am the legal owner and occupant of the subject property and that the information on this application is true and correct.

Signed by: 5061E0C0D34F44B...	03/14/2025
SIGNATURE	DATE

NOTE: Based on the scope of work, additional documentation may be required. See www.detroitmi.gov/hdc for scope-specific requirements.

PROJECT DETAILS – TELL US ABOUT YOUR PROJECT

Instructions: Add project details using the text box in each section. If your details exceed the space provided, attach the details via the attachment icon for that section.

ePLANS PERMIT NUMBER:

(only applicable if you've already applied for permits through ePLANS)

N/A

GENERAL

1. DESCRIPTION OF EXISTING CONDITION

Please tell us about the current appearance and conditions of the areas you want to change. You may use a few sentences or attach a separate prepared document on the right. (For example, "existing roof on my garage is covered in gray asphalt shingles in poor condition.")

Virginia Park Street still features its original 1894 brick pavers and stone curbs although the condition of the road has severely deteriorated, making it nearly undrivable for vehicles and unsafe for pedestrians and non-motorized users. A local community member has repeatedly mobilized and spent more than a decade salvaging historic brick pavers from adjacent road reconstruction projects, bricks otherwise destined for disposal, with the specific goal of restoring Virginia Park Street. Strong community support has been vital in raising awareness about these hazardous conditions and the urgent need to preserve of this historic street.



2. PHOTOGRAPHS

Help us understand your project. Please attach photographs of all areas where work is proposed.



3. DESCRIPTION OF PROJECT

In this box, tell us about what you want to do at the areas described above in box #1. (For example, "Install new asphalt shingle roofing at garage.")

4. DETAILED SCOPE OF WORK



In this box, please describe all steps necessary to complete the work described in box #3. (For example, "remove existing shingles, replace wood deck as necessary, replace wood eaves, install roof vents, replace rotted fascia boards, paint, clean worksite.")

5. BROCHURES/CUT SHEETS

Please provide information on the products or materials you are proposing to install. For example, a brochure on the brand and color of the shingles proposed.



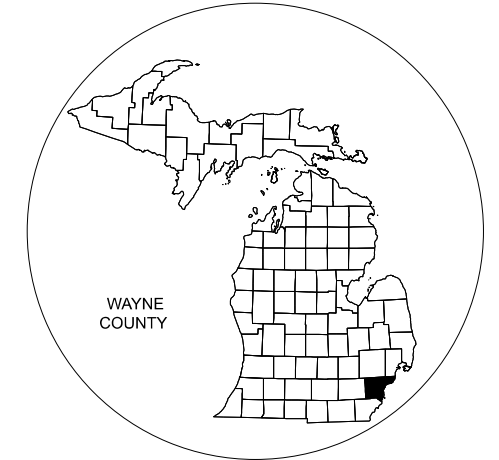
ADDITIONAL DETAILS

<p>8. SITE IMPROVEMENTS <i>If site improvements are proposed, please provide any relevant site improvement plans pertaining to your project.</i></p>	
<p>9. OTHER <i>Please provide any additional details. HDC Staff may ask you to submit additional information at a later time depending on your project.</i></p>	

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE CITY OF DETROIT STANDARD SPECIFICATIONS AND STREET/ALLEY STANDARDS, AND THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION. EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS, THE PROPOSAL, AND SUPPLEMENTAL SPECIFICATIONS CONTAINED HEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2020 EDITION.

CITY OF DETROIT

WAYNE COUNTY



WAYNE COUNTY

COUNTY KEY



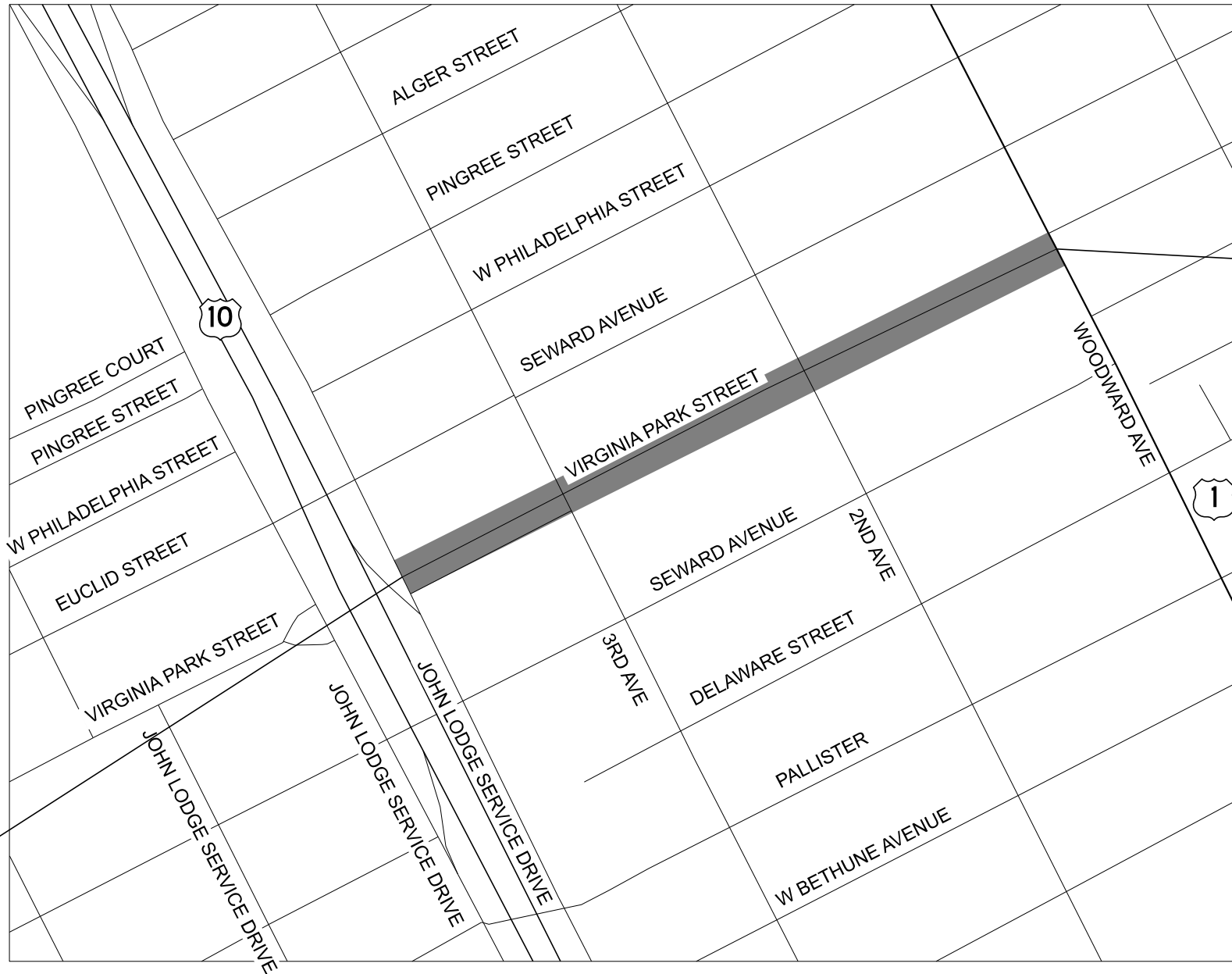
JN 218688
POE STA 22+35

TRAFFIC DATA				SPEED DATA			
ROAD	YEAR	ADT	DHV	COMM	DESIGN	POSTED	LIMITS
VIRGINIA PARK	2024	632	N/A	5.73%	25	25	POB TO POE

VIRGINIA PARK RECONSTRUCTION

NOTES

- LOCATIONS AND DIMENSIONS ARE APPROXIMATE. THIS IS NOT A LEGAL SURVEY.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS, SPECIFICATIONS, AND ORDINANCES OF THE CITY OF DETROIT, WAYNE COUNTY, AND THE STATE OF MICHIGAN, WHERE APPLICABLE.
- THE CONTRACTOR SHALL ADHERE TO ALL SITE, LOCAL, COUNTY, AND STATE ORDINANCES GOVERNING HOURS OF OPERATION.
- THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING AND IMPLEMENTING THEIR OWN HEALTH AND SAFETY PLAN.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO COMPLETE THE WORK. PERMITS TO BE OBTAINED INCLUDE, BUT ARE NOT LIMITED TO, MDOIT, WAYNE COUNTY, AS APPLICABLE, PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND CONTACT MISS DIG A MINIMUM OF 3 WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT THE OWNER TO HAVE UTILITIES OUTSIDE OF THE PUBLIC RIGHT-OF-WAY IDENTIFIED AND LOCATED. THE CONTRACTOR SHALL NOT BEGIN UNDERGROUND WORK UNTIL THE SITE HAS BEEN MARKED BY REPRESENTATIVES OF ALL AFFECTED UTILITIES.
- THE CONTRACTOR SHALL PROTECT, OR HAVE RELOCATED, ANY UTILITIES THAT INTERFERE WITH THE CONSTRUCTION. UTILITIES AND ASSOCIATED STRUCTURES SHALL NOT BE REMOVED UNLESS SPECIFIED ON PLANS.
- THE CONTRACTOR SHALL PROVIDE THE NECESSARY TRAFFIC CONTROL AND SIGNAGE, PER LOCAL UNIFORM TRAFFIC CONTROL REGULATIONS, TO MAINTAIN ACCESS TO RESIDENTIAL PROPERTIES THROUGHOUT CONSTRUCTION. PROVIDE APPROPRIATE BARRICADES AROUND WORK AREAS FOR PEDESTRIAN AND VEHICULAR SAFETY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL NECESSARY CONSTRUCTION STAKING AND GRADE ALIGNMENT CONTROLS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT GRADE AND ALIGNMENT REFERENCES BY MEANS OF STAKES, STRINGLINES, OR OTHER APPROPRIATE MEANS.
- THE CONTRACTOR SHALL USE APPROPRIATE MEANS, METHODS, AND EQUIPMENT AND TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE EXISTING SITE FEATURES, SUCH AS, BUT NOT LIMITED TO, ROAD SIGNS, DRIVES, PAVEMENT, DITCHES, MANHOLES, UNDERGROUND UTILITIES, OVERHEAD UTILITIES, CULVERTS, GATES, FENCES, UTILITY POLES, OR UTILITY MARKERS. PUBLIC OR PRIVATE, ANY SITE FEATURE DAMAGE OR DISTURBANCE THAT OCCURS AS A RESULT OF THE CONTRACTOR'S MEANS, METHODS, OR EQUIPMENT SHALL BE REPAIRED AND/OR RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE OWNER OR THE OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE ACCEPTABILITY OF ANY SUCH REPAIRS OR REPLACEMENTS.
- CONTRACTOR SHALL PROVIDE SUBMITTALS ON MATERIALS AND EQUIPMENT TO BE INCLUDED IN THE CONSTRUCTION PRIOR TO THE PRE-CONSTRUCTION MEETING. THE ENGINEER SHALL REVIEW SUBMITTALS TO VERIFY THAT THE MATERIALS ARE IN ACCORDANCE WITH THE SPECIFICATIONS. SUBMITTALS INCLUDE SUCH ITEMS AS PERMITS, SHOP DRAWINGS, CALCULATIONS, CUT SHEETS, AND QUALITY CONTROL CERTIFICATES.
- ALL CONSTRUCTION SHALL BE COMPLETED TO THE ELEVATIONS AS NOTED ON THE PLANS. TOLERANCES OF ±0.1 FT ARE ACCEPTABLE IN LANDSCAPED/GRAVEL AREAS. TOLERANCES OF ±0.01 FT ARE ACCEPTABLE FOR PAVEMENT AND SEWER CONSTRUCTION.



JN 218688
POB STA 0+28

JN 218688
CITY OF DETROIT PROGRAM MANAGEMENT
VIRGINIA PARK RECONSTRUCTION

LOCAL AUTHORITY APPROVAL
CITY OF DETROIT
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

APPROVED BY _____ DATE _____
CITY ENGINEER

APPROVED BY _____ DATE _____
ENGINEERING SERVICES COORDINATOR

PREPARED UNDER THE SUPERVISION OF

LICENSED PROFESSIONAL ENGINEER

DATE

INFRASTRUCTURE ENGINEERING
OF MICHIGAN, LLC
3031 W GRAND BLVD, SUITE 530
DETROIT, MI 48202

MILES: 0.42
CONTRACT FOR:
ROADWAY RECONSTRUCTION INCLUDING BRICK PAVER SALVAGE AND REPLACEMENT, DRAINAGE IMPROVEMENT, RECONSTRUCT SEWER, NEW SHADE TREES, CURB AND GUTTER SALVAGE AND REPLACEMENT, DRIVEWAY REPLACEMENT, ADA RAMP AND SIDEWALK IMPROVEMENT.

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				NO SCALE	DATE: 03/05/25	CS:	TITLE	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION					

INFRASTRUCTURE ENGINEERING OF MICHIGAN, LLC
3031 W GRAND BLVD, SUITE 530
DETROIT, MI 48202

CITY OF DETROIT

NO SCALE

FILE: 2301037_TITLE.dgn

DATE: 03/05/25

DESIGN UNIT:

TSC:

CS:

JN: 218688

TITLE

Virginia Pk STA 0+10 TO STA 22+35

VIRGINIA PARK STREET

DRAWING SHEET

Virginia Pk SECT 1

TITLE 1

1

PUBLIC UTILITIES

The existing utilities listed below and shown on these plans represent the best information available as obtained on our surveys. This information does not relieve the Contractor of the responsibility to be satisfied as to its accuracy and the location of existing utilities.

MISS DIG/UNDERGROUND UTILITY NOTIFICATION

Contact MISS DIG System, Inc. for the protection of underground utilities and in conformance with MCL 460.721 et seq, by phone at 811 or 800-482-7171 or via the web at either elocate.missdig.org for single address or re.missdig.org, a minimum of 3 working days prior to excavating, excluding weekends and holidays.

Name of Owner **Type of Utility**

AT&T
Attention: Anika Estes
Design Specialist
54 N Mill St.
Pontiac, MI 48342
Phone: (248) 454-2998
Email: ce3239@att.com
Communication

AT&T
Attention: Yuri I Stoudemire
Phone: (313) 456-6398
Email: ys1951@att.com
Communication

City of Detroit
Detroit Water & Sewerage Department
Contract Services Facility
Attention: Elmo Turner
6425 Huber St.
Detroit, MI 48211
Phone: (313) 267-4863
Email: elmo.turner@detroitmi.gov
Water Mains & Sewers

City of Detroit
Traffic Engineering, D.P.W.
Attention: Jonathan Flint
2633 Michigan Ave
Detroit, MI 48207
Phone: (313) 224-4493
General: (313) 224-1610
Email: flintj@detroitmi.gov
Pavement Marking & Signs

Comcast Cable
Attention: Jeff Dobies
Sr. Manager, Construction
25626 Telegraph Rd
Southfield, MI 48034
Email: jeff_dobies@comcast.com
Communication

DTE
Attention: Michael C Harrison
Email: det_mappingteam@dteenergy.com
Gas

Everstream
Attention: Ryan Gallagher
GIS Specialist
1228 Euclid Ave, Suite 250
Cleveland, OH 44115
Phone: (216) 312-5876
Email: rgallagher@everstream.net
Communication

Extenet
Email: agt_comm@irth.com
Communication

Great Lakes Water Authority
Attention: Daniel Miller
Engineer for URAP
6425 Huber St.
Detroit, MI 48211-1677
Phone: (313) 378-4908
Email: daniel.miller@glwater.org
Water

Sigma Technologies/Comcast
Attention: Brittny Hanson
27096 Oakmead Drive
Perrysburg, OH 43551
Email: cccutilityrequests@teamsigma.com
Communication

123 Net
Attention: Megan Wright
Fiber Permits Coordinator
24700 Northwestern Hwy., Suite 700
Southfield, MI 48075
Phone: (248) 228-8952
Email: mwright@123.net
Communication

Verizon
Communication

MISCELLANEOUS QUANTITIES

QUANTITIES THIS SHEET

JN 218688		
CAT 0001		
1	LSUM	Mobilization, Max
0.5	Acre	Clearing, Spec
1	LSUM	Project Cleanup
50	Cyd	Aggregate Base, LM
15	Ft	Dr Structure, Adj, Add Depth
1	LSUM	Pavt, Cleaning
100	Syd	Pavt Repr, Nonreinf Conc, 8 inch
100	Syd	Pavt Repr, Rem
8	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn
8	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper
14	Ea	Pedestrian Type II Barricade, Temp
1	LSUM	Minor Traf Devices
1	LSUM	Traf Regulator Control
15	Lb	Grass Seed Mix, Modified
1	LSUM	Contractor Staking
42	Hr	Staking Plan Errors and Extras, Max \$180/hour

NOTES APPLYING TO STANDARD PLANS

Where the following items are called for on plans, they are to be constructed according to the standard plan given below opposite each item unless otherwise indicated.



Title	Plan No.
ROAD	
DRAINAGE STRUCTURES	R-1-G
FLAT TYPE GRATE AND FRAME	C-4392 *
DETAIL OF ALLEY RETURN AND DRIVE APPROACH	C-4384 *
STANDARD CURB DETAILS	C-4380 *
TYPICAL PLAN AND SECTION FOR CONCRETE ALLEY	C-4396*
DETAIL AND STANDARD JOINTS	C-4397*
INLET PROTECTION FABRIC DROP	01513-05 *
SESC, TEMPORARY FACILITIES	015713-10 *
SESC, MAINTENANCE NOTES	015713-11 *
SESC, GENERAL NOTES	015713-12 *
SESC MEASURES (FROM 1-5)	015713-13 *
SESC MEASURES (FROM 6-10)	015713-14 *
SESC MEASURES (FROM 11-15)	015713-15 *
SESC MEASURES (FROM 16-20)	015713-16 *
SESC MEASURES (FROM 21-25)	015713-17 *
SESC MEASURES (FROM 26-30)	015713-18 *
SESC MEASURES (FROM 31-33)	015713-19 *
SEEDING AND TREE PLANTING	R-100-I *
TRAFFIC SIGNAL BACKPLATES	SIG-304-A *
SIGNING	
STANDARD SIGN INSTALLATIONS	SIGN-100-G
ROADSIDE SIGN LOCATIONS & SUPPORT SPACING	SIGN-120-E
ALL WAY STOP AND CROSS TRAFFIC DOES NOT STOP CONDITIONS	SIGN-145-A
SIGN SUPPORT SELECTION CHARTS	SIGN-150-D
STEEL POSTS	SIGN-200-E
WORK ZONES	
TYPICAL NUMBERING KEY	100-GEN-KEY
"B", "D" AND "L" TABLES, CHANNELIZING DEVICE SPACING, SIGN BORDER KEY, AND ROLL-AHEAD SPACING	101-GEN-SPACING-CHARTS
TRAFFIC CONTROL TYPICALS NOTE SHEET	102-GEN-NOTES
TRAFFIC CONTROL TYPICALS SIGN SHEET	103-GEN-SIGN
LANE CLOSURE UTILIZING TRAFFIC REGULATORS ON A 2-LANE UNDIVIDED ROADWAY	123-NFW-1LC-(R)
GROUND DRIVEN SIGN SUPPORTS FOR TEMP SIGNS	WZD-100-A *
TEMPORARY TRAFFIC CONTROL DEVICES	WZD-125-E *
* Denotes Special Detail	

SHEET INDEX

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FUNDING CATEGORIES

JN 218688 Roadway Reconstruction
Category 0001 Roadwork Fed/Local

FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:						 		NO SCALE		DATE: 03/05/25		CS:		PROJECT INFO				DRAWING SHEET	
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	DESIGN UNIT:	JN: 218688	VIRGINIA PARK STREET						Virginia Pk PRJINF 1	SECT 1 2								
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SURVEY

GENERAL

- △ ALIGNMENT POINT MONUMENT
- ⊗ MONUMENT BOX

CONTROL

- △ CP CONTROL POINT
- BM BENCHMARK
- △ REFERENCE - GPS
- △ REFERENCE - NGS
- + REFERENCE - USGS

BOUNDARY

- CITY LIMIT - MAP
- CITY LIMIT
- PARCEL - LEGAL
- PARCEL - NON-LEGAL
- PLAT - LEGAL
- PLAT - NON-LEGAL
- ROW - FREE ACCESS
- ROW - LIMITED ACCESS
- SECTION LINE
- SECTION LINE - QUARTER
- SECTION LINE - EIGHTH
- SECTION LINE - SIXTEENTH
- TOWNSHIP LINE (MAP)
- CONCRETE MONUMENT
- CONTIGUOUS PROPERTY SYMBOL
- PARCEL CORNER - CAPPED IRON
- PARCEL CORNER - IRON PIN
- PARCEL CORNER - IRON PIPE
- PARCEL CORNER - NO ID
- PARCEL NUMBER BOX
- PLAT CORNER
- PROPERTY OWNERSHIP ARROW
- PROPERTY OWNERSHIP ARROW - DOUBLE
- ROW MONUMENT
- SECTION CORNER - CENTER
- SECTION CORNER - MEANDER
- SECTION CORNER - QUARTER
- SECTION CORNER - QUARTER-HALF
- SECTION CORNER - SECTION
- SECTION CORNER - SECTION-HALF
- SECTION CORNER - SIXTEENTH
- SECTION CORNER - WITNESS

MONUMENT PRESERVATION

- PRESERVE MONUMENT
- PROTECT MONUMENT

GENERAL LABELING

GENERAL

- LEFT TURN ARROW
- RIGHT TURN ARROW
- TRAFFIC FLOW ARROW

REMOVAL

- ABANDON
- BULKHEAD
- CLEARING
- REMOVE
- SALVAGE
- SAVE

CONSTRUCTION

- ADJUST
- ADJUST - STRUC COVER WITH TYPE
- ADJUST - BY OTHERS

REMOVAL AND CONSTRUCTION

- RELOCATE - WITH CASE NUMBER
- RELOCATE - BY OTHERS

CONSTRUCTION LIMITS

- SLOPE STAKE LINE

BORINGS

- BORING

STRUCTURES

- BEAM UNDERCLEARANCE
- REFERENCE POINT
- STRUCTURE NO. + CONTROL SEC. LABEL

VEGETATION

- BRUSH LINE
- HEDGE LINE
- TREE LINE - CANOPY OR TRUNK
- TREE LINE - TRUNK
- SHRUB
- TREE - CONIFER
- TREE - DECIDUOUS
- TREE - STUMP

ENVIRONMENTAL

- EROSION CONTROL - SILT FENCE
- WETLAND - LEGAL
- WETLAND - NON-LEGAL
- CONTAMINATION - MONITORING WELL
- EROSION CONTROL - INLET PROTECTION, FABRIC DROP
- EROSION CONTROL - RIPRAP
- WATER TABLE - ELEV
- WETLAND SPOT
- POTENTIALLY CONTAMINATED SITE

ROADSIDE / SITE

- ANTENNA
- BIG ROCK
- FLAG POLE
- PICNIC STOVE
- PICNIC TABLE
- SATELLITE DISH

NOTE:

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.
PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

RAILROAD

- TRACK
- CROSSING - GATE
- CROSSING - SIGNAL BOX
- CROSSING - SIGNAL FLASHING
- CROSSING - SYMBOL

SIGNS

- BAND
- POST - CROSS STREET
- POST - DOUBLE
- POST - SINGLE
- STRUCTURE - CANTILEVER (EXISTING)
- STRUCTURE - CANTILEVER
- STRUCTURE - TRUSS (EXISTING)
- STRUCTURE - TRUSS
- SUSPENDED (EXISTING)

MAINTAINING TRAFFIC

- TYPE III BARRICADE
- CHANNELIZING DEVICE - CONE
- CHANNELIZING DEVICE - DRUM
- LIGHT - HIGH INTENSITY TYPE B
- LIGHT - STEADY BURN TYPE C
- LIGHTED ARROW PANEL - BAR
- LIGHTED ARROW PANEL
- PORTABLE CHANGEABLE MESSAGE SIGN
- TRAFFIC REGULATOR
- TEMPORARY SIGN
- TEMPORARY SPEED RADAR TRAILER
- TEMPORARY TRAFFIC SIGNAL

BARRIERS

- CABLE BARRIER - NOT TO SCALE
- CABLE BARRIER - TRUE SCALE
- CONCRETE BARRIER - DOUBLE FACE
- CONCRETE BARRIER - SINGLE FACE
- FENCE
- GUARDRAIL - NOT TO SCALE
- GUARDRAIL - TRUE SCALE
- NOISE BARRIER
- FENCE POST
- GUARDRAIL RUN NUMBER
- IMPACT ATTENUATOR
- POST - MAILBOX
- POST - NO ID

SURFACING

REMOVAL

- PAVEMENT, BRICK, REMOVAL AND/OR SALVAGE
- HMA COLDMILLING
- HMA SURFACE REMOVAL AND / OR PAVEMENT REMOVAL

PROPOSED

- AGGREGATE APPROACH
- BRIDGE APPROACH
- HMA APPROACH
- MISCELLANEOUS CONCRETE
- BRICK PAVEMENT
- HERRINGBONE PATTERN BRICK PAVEMENT

SIDEWALK & CURB RAMPS

- SIDEWALK REMOVAL
- CURB RAMP
- LANDING
- CURB RAMP TYPE
- DETECTABLE WARNING SURFACE

TYPICAL SECTION

- CONCRETE - PROPOSED
- HMA - PROPOSED

CURB & GUTTER

- CURB & GUTTER REMOVAL

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

INFRASTRUCTURE ENGINEERING
201 N. Grand Blvd. Suite 100 | Detroit, MI 48202
PH: (313) 963-1100 | WWW.INFRASTRUCTUREENGINEERING.COM



NO SCALE

DATE: 03/05/25
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FILE: 2301037_LEGEND001.dgn

CS:
JN: 218688

LEGEND

VIRGINIA PARK STREET

DRAWING SHEET
Virginia Pk SECT 1
LEGEND 1
3

UTILITIES

COMBINED SEWER

- COMBINED SEWER
- COMBINED SEWER - OUT OF SERVICE
- COMBINED SEWER - TO BE TAKEN OUT OF SERVICE
- COMBINED SEWER - TO BE REMOVED

COMMUNICATION

- FIBER OPTIC
- FIBER OPTIC - OUT OF SERVICE
- FIBER OPTIC - OVERHEAD
- FIBER OPTIC MARKER
- CABLE
- CABLE - OUT OF SERVICE
- CABLE - OVERHEAD
- CABLE MARKER
- CABLE PEDESTAL
- TELEPHONE
- TELEPHONE - OUT OF SERVICE
- TELEPHONE - OVERHEAD
- TELEPHONE BOX
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL

FUEL / PETROLEUM

- GASOLINE FILLER PIPE
- GASOLINE PUMP
- GASOLINE UNDERGROUND TANK
- PETROLEUM PIPELINE
- PETROLEUM PIPELINE - OUT OF SERVICE
- PETROLEUM PIPELINE MARKER
- PETROLEUM WELL
- PROPANE TANK

NATURAL GAS

- GAS LINE
- GAS LINE - OUT OF SERVICE
- MARKER
- VALVE
- WELL

SANITARY SEWER

- MANHOLE WITH COVER (DIA VARIES)
- SEWER
- SEWER - OUT OF SERVICE
- SEWER - TO BE TAKEN OUT OF SERVICE
- SEWER - TO BE REMOVED

WATER

- FIRE HYDRANT
- GATE VALVE AND BOX
- GATE VALVE IN WELL
- IRRIGATION CONTROL VALVE
- IRRIGATION SPRINKLER HEAD
- SERVICE METER
- SERVICE SHUTOFF
- WATER WELL
- IRRIGATION
- WATER MAIN
- WATER MAIN - OUT OF SERVICE
- WATER MAIN - TO BE TAKEN OUT OF SERVICE
- WATER MAIN - TO BE REMOVED

STEAM

- STEAM
- STEAM - OUT OF SERVICE

GENERIC EXISTING UTILITIES

- CATCH BASIN COVER
- MANHOLE COVER
- MARKER
- PEDESTAL
- SEWER CLEANOUT ACCESS
- STRUCTURE BOTTOM (DIA VARIES)
- UTILITY BOX
- UTILITY

DRAINAGE

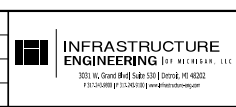
- CATCH BASIN W/ COVER (DIA VARIES)
- DRAINAGE STRUCTURE NUMBER
- DRAIN CASTING
- DROP INLET
- END SECTION (SIZE VARIES)
- FLOW DIRECTION ARROW
- HEADWALL (SIZE VARIES)
- MANHOLE W/ COVER (DIA VARIES)
- MANHOLE BASE W/ COVER (SIZE VARIES)
- MANHOLE TEE W/ COVER (SIZE VARIES)
- OUTLET HEADWALL (SIZE VARIES)

- CULVERT - EXISTING
- CULVERT (SIZE VARIES)
- DITCH CENTERLINE
- STORM SEWER - EXISTING
- STORM SEWER
- STORM SEWER - TO BE REMOVED
- UNDERDRAIN
- WATER EDGE

NOTE:

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.
PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:					
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



NO SCALE

DATE: 03/05/25
DESIGN UNIT:
FILE: 2301037_LEGEND002.dgn

TSC:

CS:
JN: 218688

LEGEND	
VIRGINIA PARK STREET	

DRAWING	SHEET
Virginia Pk	SECT 1
LEGEND	4
2	

ELECTRICAL

- CONTROLLER CABINET - PAD MOUNTED
- HANDHOLE
- MANHOLE
- POLE UTILITY - EXISTING
- POLE UTILITY
- TRANSFORMER - PAD MOUNTED
- TRANSFORMER - POLE MOUNTED
- CABLE
- CABLE - TO BE REMOVED
- CABLE OVERHEAD
- CABLE OVERHEAD - TO BE REMOVED
- CABLE IN CONDUIT
- CABLE IN CONDUIT - TO BE REMOVED
- CABLE IN CONDUIT - DIRECTIONAL BORE

ARCHITECTURAL

- EXIT SIGN WITH EMERGENCY LIGHT
- LIGHT RECESSED FIXTURE
- MOTOR
- OUTLET BOX
- OUTLET SINGLE
- OUTLET TELEPHONE
- SERVICE DISCONNECT
- SERVICE METER
- SWITCH
- SWITCH THREE WAY
- WALL BRACKET FIXTURE

LIGHTING

- CONTROL PANEL - EXISTING
- CONTROL PANEL
- LIGHT STANDARD EXISTING - TO BE REMOVED & SALVAGED
- LIGHT STANDARD DOUBLE ARM - EXISTING
- LIGHT STANDARD DOUBLE ARM
- LIGHT STANDARD POST TOP - EXISTING
- LIGHT STANDARD POST TOP
- LIGHT STANDARD SINGLE ARM - EXISTING
- LIGHT STANDARD SINGLE ARM
- LIGHT POLE - TEMPORARY
- LUMINAIRE WALL MOUNTED UNDERBRIDGE - EXISTING
- LUMINAIRE WALL MOUNTED UNDERBRIDGE
- TOWER LIGHTING UNIT - EXISTING
- TOWER LIGHTING UNIT

ITS / SIGNALS

- DYNAMIC MESSAGE SIGN - EXISTING
- DYNAMIC MESSAGE SIGN
- ENVIRONMENTAL SENSOR STATION SITE
- FIBER OPTIC SPLICE CABINET
- HANDHOLE, ROUND, 3 FOOT DIAMETER
- HANDHOLE, ROUND, COMMUNICATIONS
- HANDHOLE, ROUND, ELECTRIC
- HANDHOLE, TYPE D
- ITS CABINET - EXISTING
- ITS CABINET
- MICROWAVE VEHICLE DETECTION SYSTEM - EXISTING
- MICROWAVE VEHICLE DETECTION SYSTEM
- MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE - EXISTING
- MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE
- SPUN CONCRETE POLE - EXISTING
- SPUN CONCRETE POLE
- SURVEILLANCE SYSTEM - EXISTING
- SURVEILLANCE SYSTEM
- WIRELESS LINK - EXISTING
- WIRELESS LINK
- COMMUNICATIONS CABLE IN CONDUIT
- COMMUNICATIONS CABLE IN CONDUIT - TO BE REMOVED
- ANTENNA
- CASE SIGN (1-WAY OR 2-WAY)
- CASE SIGN (4-WAY)
- DEDICATED SHORT RANGE COMMUNICATIONS
- CONTROLLER CABINET - POLE MOUNTED
- CONTROL EMERGENCY PREEMPTION OPTICOM
- DILEMMA ZONE DETECTION
- GLOBAL POSITIONING SYSTEM MODULE
- GUY ANCHOR
- PEDESTRIAN PEDESTAL
- PEDESTRIAN PUSHBUTTON
- POLE MAST ARM (LENGTH VARIES) - EXISTING
- POLE MAST ARM (LENGTH VARIES)
- POLE STRAIN
- ROAD SIGN W/ FLASHING SIGN OPTICAL (1-WAY)
- SIGNAL HANDHOLE - POLYMER CONCRETE
- SIGNAL HANDHOLE - 2 FOOT ROUND
- SIGNAL HANDHOLE - 3 FOOT ROUND
- SIGNAL HANDHOLE - 2 FOOT SQUARE
- SIGNAL HANDHOLE - 4 FOOT SQUARE
- SIGNAL HEAD PEDESTRIAN - EXISTING
- SIGNAL HEAD PEDESTRIAN 1-WAY
- SIGNAL HEAD PEDESTRIAN 2-WAY
- SIGNAL HEAD VEHICLE 1-WAY - EXISTING
- SIGNAL HEAD VEHICLE 2-WAY - EXISTING
- SIGNAL HEAD VEHICLE 3-WAY - EXISTING
- SIGNAL HEAD VEHICLE 4-WAY - EXISTING
- SIGNAL HEAD VEHICLE 1-WAY
- SIGNAL HEAD VEHICLE 2-WAY
- SIGNAL HEAD VEHICLE 3-WAY
- SIGNAL HEAD VEHICLE 4-WAY
- SIGNAL HEAD VEHICLE BAGGED
- SIGNAL HEAD VEHICLE PROGRAMMABLE
- VEHICLE DETECTION CAMERA
- VEHICLE DETECTION CAMERA - HEMISPHERICAL
- VEHICLE DETECTION LOOP
- VEHICLE DETECTION - RADAR
- WIRELESS VEHICLE DETECTION RADIO RECEIVER
- WIRELESS VEHICLE DETECTION RADIO REPEATER
- WIRELESS VEHICLE DETECTION SENSOR - EXISTING
- WIRELESS VEHICLE DETECTION SENSOR

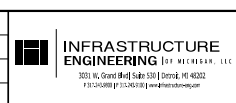
CABLING / WIRING DIAGRAM

- CIRCUIT BREAKER
- COILED WIRE
- FUSE
- FUSE SWITCH
- GROUND
- ILLUMINATED CASE SIGN
- METER
- SERVICE DISCONNECT
- SIGNAL HEAD

NOTE:

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.
PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
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NO SCALE

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LEGEND
VIRGINIA PARK STREET

DRAWING SHEET
Virginia Pk LEGEND 3 SECT 1 5

GENERAL NOTES

UTILITIES

MISS DIG/UNDERGROUND UTILITY NOTIFICATION

Contact MISS DIG System, Inc. for the protection of underground utilities and in conformance with MCL 460.721 et seq, by phone at 811 or 800-482-7171 or via the web at either elocate.missdig.org for single address or rte.missdig.org, a minimum of 3 working days prior to excavating, excluding weekends and holidays.

FIRE HYDRANTS

Protect existing fire hydrants within the influence of the construction area.

PERMITS

It shall be the Contractor's responsibility to ascertain whether any permits, special inspections, permit verification, etc. are required with respect to the construction operation and work under this contract. It shall be solely the Contractor's responsibility to provide for such requirements and to make payments including but not limited to connection fee, inspection/permit fee. The Contractor must obtain all necessary permits from City of Detroit, DWSD, and any other concerned agency prior to the start of construction activities.

ROW / REAL ESTATE

PROPERTY OWNERS

The names of property owners shown on the plans are for information only, and their accuracy is not guaranteed.

LAWN SPRINKLER SYSTEMS AND LANDSCAPING

Notify owners of existing lawn sprinkler systems and/or landscaping (in writing with a copy sent to the Engineer) two weeks in advance of any work to be done that will affect those systems and/or landscaping. If the property owner fails to relocate the lawn sprinkler system prior to the Contractor beginning work, and if the Contractor cuts the system during the construction, cap the system pipe and witness the location of the cap with a wooden stake for the property owner's use. Place the salvaged sprinkler heads on the property owner's property. If the property owner fails to relocate the landscaping prior to the Contractor beginning work, carefully salvage the landscaping items and stockpile them on the property owner's property for the property owner. This work is included in other items of the project. Any other modification to the lawn sprinkler systems and/or landscaping, is the responsibility of the owner and is not part of this contract.

SURVEY

PRESERVATION OF BOUNDARY MONUMENTS

Preserve all corners within the project limits, whether shown or not. Adjust monument boxes as required.

STATIONING

Stationing on this project was taken from old plans and is not necessarily accurate.

DETAILED GRADES

GRADES FOR INTERSECTIONS

Determine intersection grades before construction is started.

SIGNALIZED SIDE ROAD TO TRUNKLINE INTERSECTIONS:

Carry the normal edge of pavement grade of the trunkline across the intersection whenever possible. Establish the side road approach grade and crown to provide drainage and suitable rideability.

SIGNALIZED TRUNK LINE TO TRUNKLINE INTERSECTIONS:

Establish the grade of each trunkline to provide drainage and rideability of each trunkline. Vary the crown of each trunkline to best fit the longitudinal grades of each trunkline.

UNSIGNALIZED SIDE ROAD TO TRUNKLINE INTERSECTIONS:

Carry the normal edge of pavement grade of the trunkline across the intersection and establish the side road approach grade and crown to provide drainage.

SIDEWALK AND CURB RAMP GRADES

After staking the sidewalk and curb ramps contact the Engineer to verify the grades and authorize construction.

EARTHWORK

EARTHWORK

Earthwork quantities are computed by the average end area method based upon ground survey information.

EARTH DISTURBANCE LIMITS

Limit earth disturbance to 10' beyond the slope stake line or to the ROW line whichever is less except areas adjacent to wetlands where the limits of earth disturbance are at the slope stake line. The plans include restoration measures for the approved areas of disturbance. Submit an earth change plan to the Engineer to review and approve for any work beyond the approved areas of disturbance. Costs for obtaining and executing an approved earth change plan, including restoration are the Contractor's responsibility.

SOIL EROSION MEASURES

Place appropriate soil erosion and sedimentation control measures prior to earth-disturbing activities. Place turf establishment items as soon as possible on potential erodible slopes as directed by the Engineer.

AGGREGATE BASE

Use aggregate 21AA for aggregate bases unless otherwise specified.

DRAINAGE

ILLICIT CONNECTIONS TO STORM WATER SYSTEM

Reconnect existing storm conveyance systems not shown on the plans with minimal interruption in service. Report any suspect illicit discharge observed including size, type, and location by station and offset to the Engineer prior to reconnecting and proceed as directed.

TEMPORARY BULKHEADS

Use temporary bulkheads as needed for part width construction of culverts and sewers. Costs associated with temporary bulkheads are included in the items for the culverts and sewers.

PAVEMENT

SOIL BORINGS AND/OR PAVEMENT CORES

The soil boring logs and/or pavement cores represent point information. No inference should be made that subsurface or pavement conditions are the same at other locations.

CONCRETE HAND FINISHING

Strike off, consolidate, and hand finish concrete pours using hand methods on variable width lanes and lanes formed by flexible forms for short radius curves, as directed by the Engineer.

TURF ESTABLISHMENT

SEED MIXTURE

Use symbol TUF for the permanent turf seed mixture.

SIGNS

EXISTING SIGN RELOCATION

Salvage and reset any permanent signs requiring relocation due to Contractor operations at locations designated by the Engineer. Replace signs and posts damaged during the removal and storage operations with new signs and posts. The cost of this work is the Contractor's responsibility.

PLAN SCALE

The final plans submitted with the proposal are not to scale. Fabricate proposed signs and structures shown on plan sheets in accordance with Typical Plans, Standards, and/or Details at locations described.

SIGN LAYOUT

Use the current English edition of "Standard Highway Signs" manual or details in plans for proposed sign layouts. Use the "SignCAD" software to determine the legend length.

SHEETING

Splice sheeting used for Type I signs with a 3-inch overlap.

SIGN INSTALLATION

Place nylon washers between the steel washer and the sign face sheeting. The nylon washers are to be considered part of the attaching devices and hardware. Use nylon washers with a 3/8-inch inner diameter, a 7/8-inch outer diameter and a 1/16-inch thickness.

BENCHMARKS

VIRGINIA PARK: BM 201

ALIGNMENT: VIRGINIA PARK NON-LEGAL ALI
STATION: 00+46.91'
OFFSET: 16.79' RIGHT
NORTHING: 320880.19'
EASTING: 13469623.37'
ELEVATION: 152.113'

VIRGINIA PARK: BM 200

ALIGNMENT: VIRGINIA PARK NON-LEGAL ALI
STATION: 06+57.49'
OFFSET: 16.73' LEFT
NORTHING: 321188.37'
EASTING: 13470151.47'
ELEVATION: 152.822'

VIRGINIA PARK: BM 202

ALIGNMENT: VIRGINIA PARK NON-LEGAL ALI
STATION: 08+84.72'
OFFSET: 15.99' RIGHT
NORTHING: 321262.84'
EASTING: 13470368.64'
ELEVATION: 152.302'

VIRGINIA PARK: BM 203

ALIGNMENT: VIRGINIA PARK NON-LEGAL ALI
STATION: 13+26.74'
OFFSET: 16.12' RIGHT
NORTHING: 321464.23'
EASTING: 13470762.11'
ELEVATION: 152.47'

VIRGINIA PARK: BM 204

ALIGNMENT: VIRGINIA PARK NON-LEGAL ALI
STATION: 17+16.27'
OFFSET: 15.79' RIGHT
NORTHING: 321642.10'
EASTING: 13471108.66'
ELEVATION: 151.082'

VIRGINIA PARK: BM 205

ALIGNMENT: VIRGINIA PARK NON-LEGAL ALI
STATION: 21+70.47'
OFFSET: 15.46' RIGHT
NORTHING: 321849.45'
EASTING: 13471512.76'
ELEVATION: 151.114'

PROJECT SPECIFIC NOTES

EROSION CONTROL PROGRAM

Department of Public Works (DPW) is an Authorized Public Agency (APA) entity and has been granted the by the State of Michigan the privilege to undertake earth change activities without having to obtain Soil Erosion and Sedimentation Control (SESC) permit. The contractor shall comply with the provisions of the State of Michigan's SESC law and requirements. The contractor shall follow the DPW Procedures, create the required soil erosion control plans, and obtain plan approval from the DPW Project Manager or DPW Acting Official APA Contact.

If the City of Detroit receives any SESC violation notice and/or fines associated with this project, the contractor must correct any violation within 24 hours of receiving notice from the DPW. The contractor shall hold the City harmless by paying for all SESC fines associated with the project.

SEWER INSPECTION AND CLEANOUT / REPAIRS

Contractor must perform sewer inspection and cleanout / repairs prior to grade work and paving.

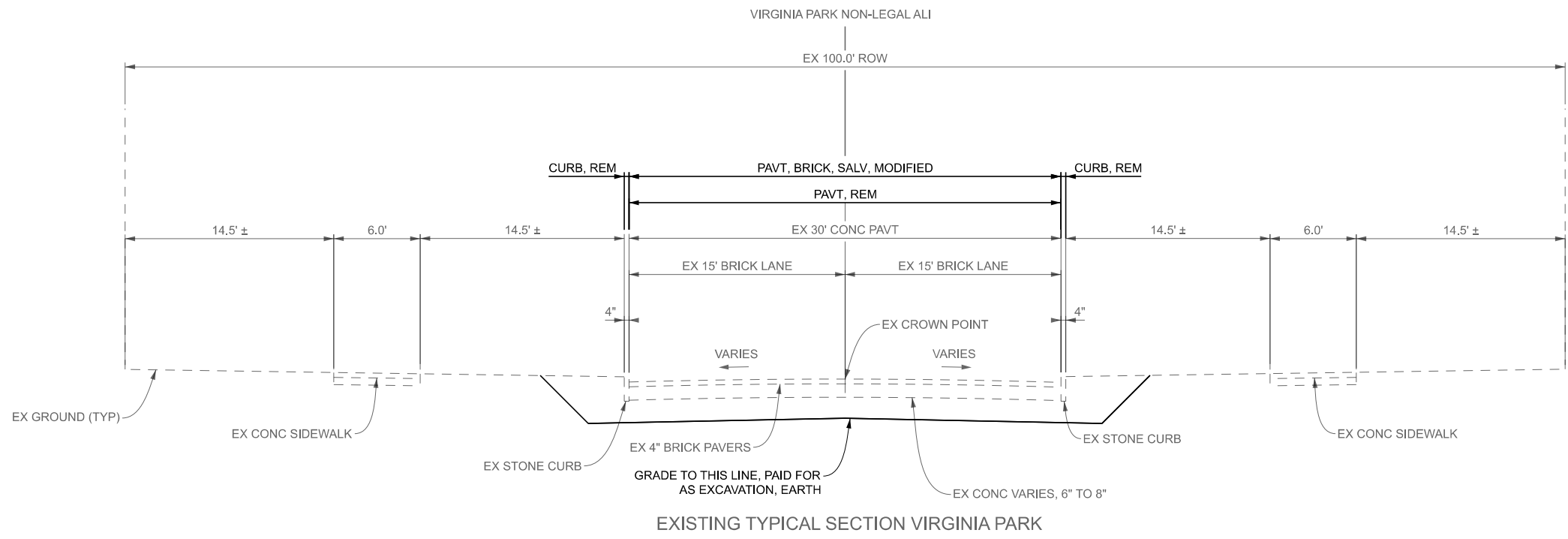
SALVAGING MATERIAL

Care shall be taken when removing existing brick paver and curb and gutter. Existing Bricks shall be cleaned and reused in the block they are removed from. Contractor shall contact City of Detroit and Engineer to confirm which brick can be reused.

The block club has acquired additional brick to be used for this project. Block club bricks deemed to be in good condition by the City of Detroit and Engineer shall be used as directed by the City of Detroit and Engineer.

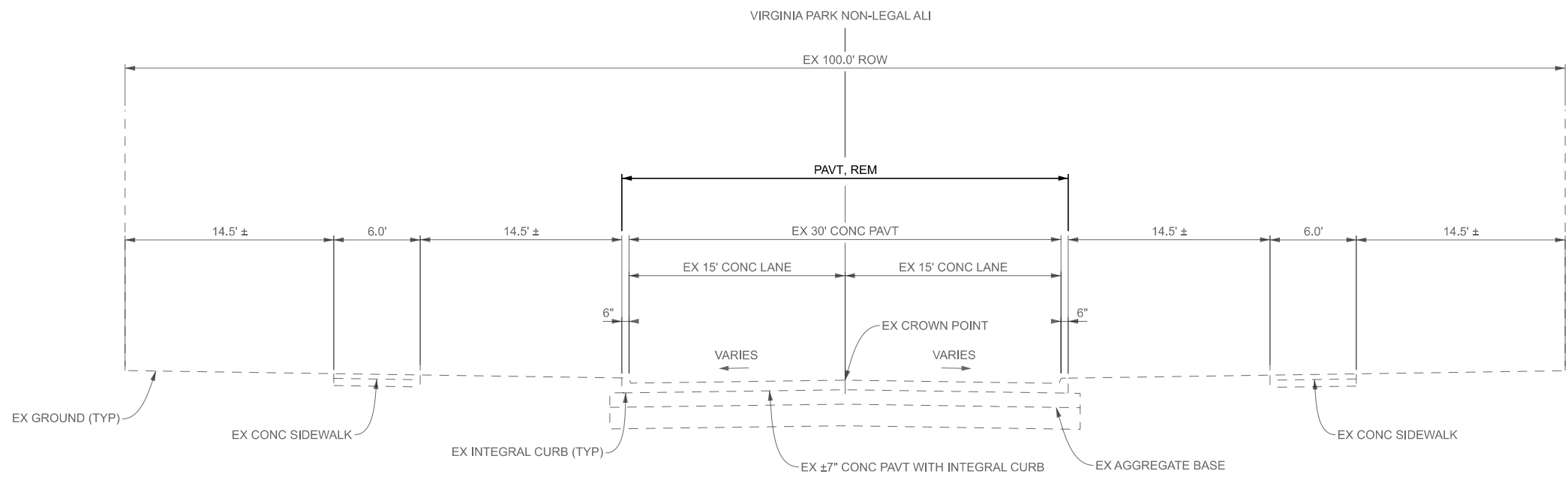
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NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION						
								DESIGN UNIT:	JN: 218688	Virginia Pk STA 0+10 TO STA 22+35	Virginia Pk	SECT 1	
								TSC:		VIRGINIA PARK STREET	NOTE	6	
								FILE: 2301037_NOTE001.dgn			1		





EXISTING TYPICAL SECTION VIRGINIA PARK

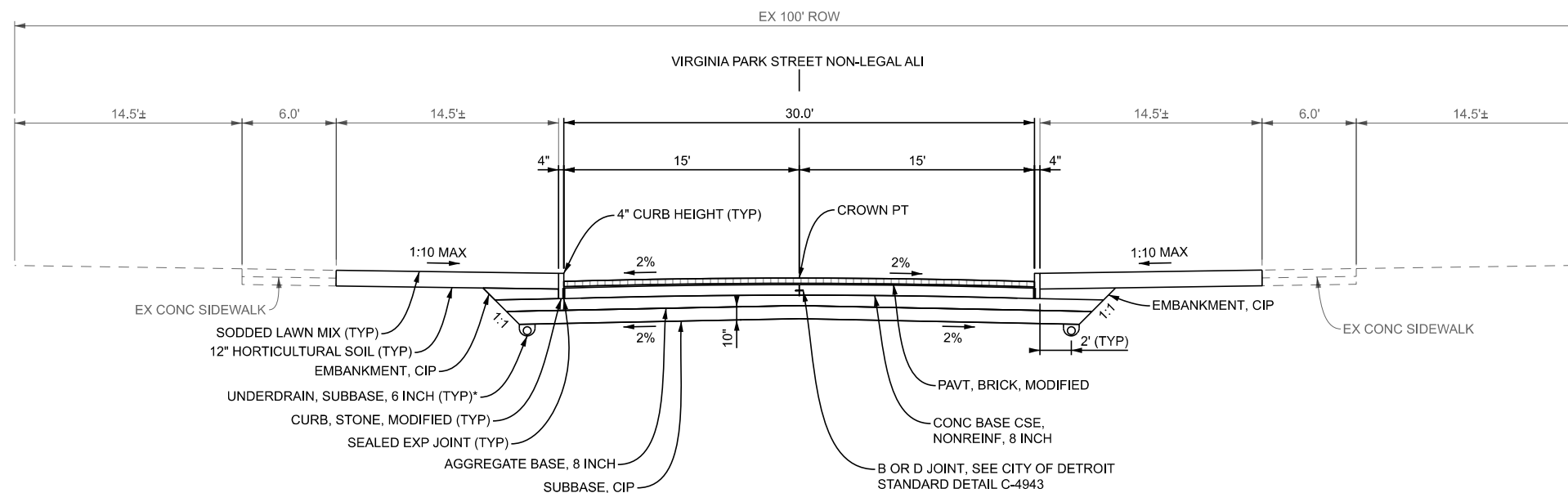
SECTION APPLIES TO:
 STA 0+30.39 TO STA 5+90.38
 STA 6+48.78 TO STA 14+85.98
 STA 15+55.84 TO STA 22+04.77



EXISTING TYPICAL SECTION VIRGINIA PARK

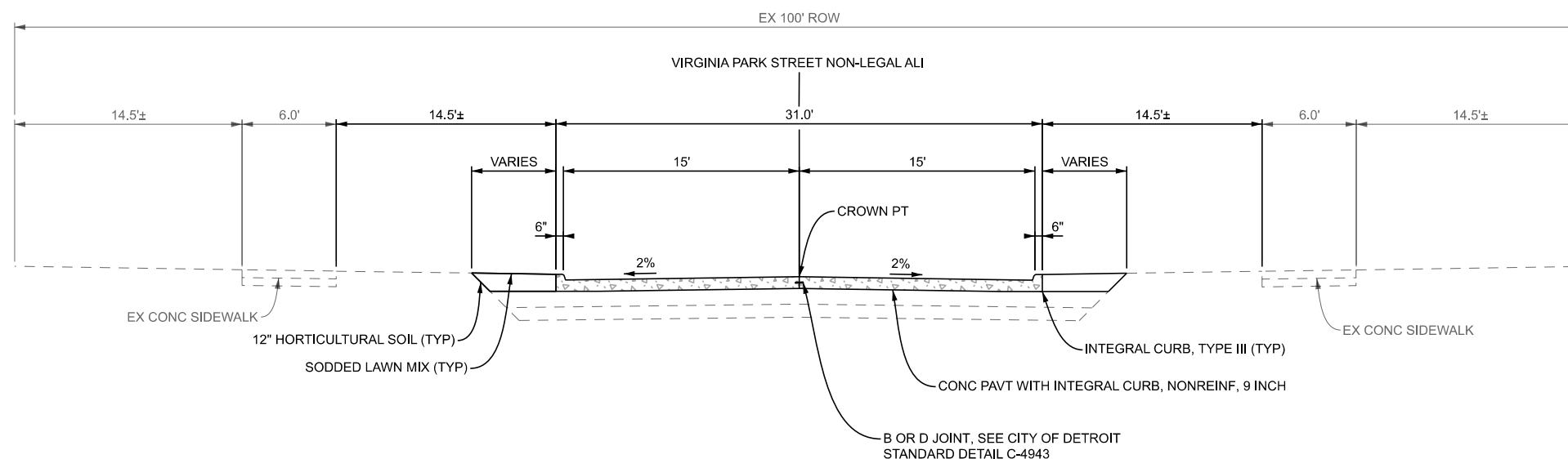
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 STA 22+04.77 TO STA 22+35.04

FINAL ROW PLAN REVISIONS							SUBMITTAL DATE:										DATE: 03/05/25 DESIGN UNIT: TSC:	CS: JN: 218688	TYPICAL CROSS SECTIONS		DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	EXISTING VIRGINIA PARK		Virginia Pk TYP 1	SECT 1 7										
											VIRGINIA PARK STREET										



PROPOSED TYPICAL SECTION VIRGINIA PARK

SECTION APPLIES TO:
 STA 0+30 TO STA 5+84
 STA 6+63 TO STA 14+81
 STA 15+62 TO STA 22+05

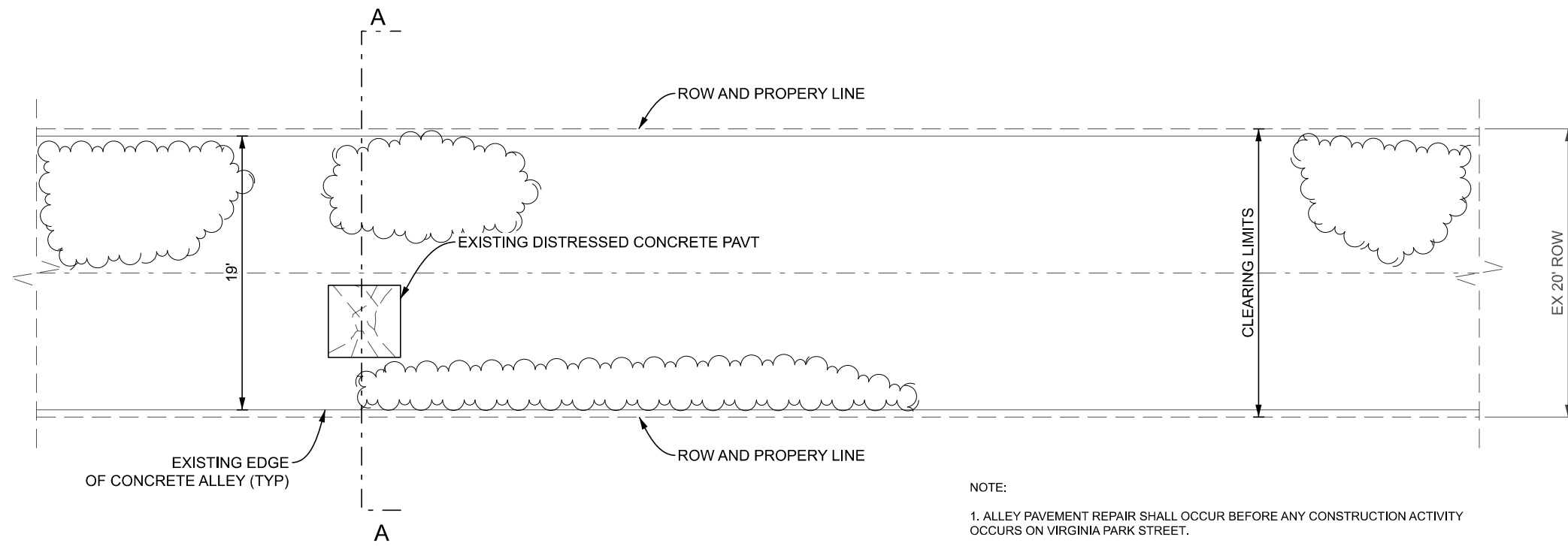


PROPOSED TYPICAL SECTION VIRGINIA PARK

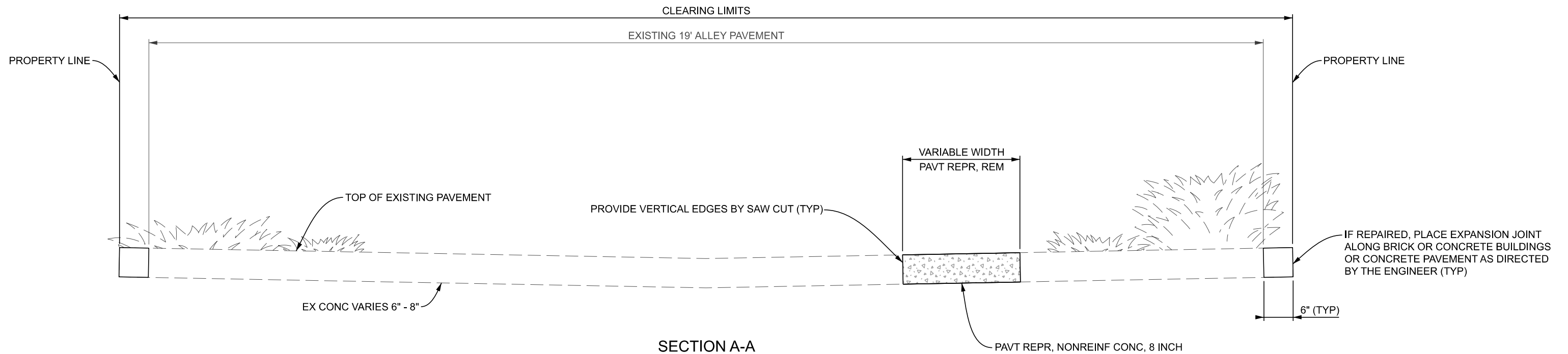
SECTION APPLIES TO:
 STA 22+05 TO STA 22+35.04

NOTE: SEE CONSTRUCTION PLANS FOR SIDEWALK AND DRIVEWAY REPLACEMENT.
 * NOTE: CONTRACTOR TO USE SMOOTH PERFORATED PLASTIC UNDERDRAIN PIPE.

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				INFRASTRUCTURE ENGINEERING 301 W. Grand Blvd. Suite 100 Detroit, MI 48226 PH: 313.963.1100 WWW.INFRASTRUCTUREENGINEERING.COM	City of Detroit	0 VERT. (FT) 10 0 HORZ. (FT) 10	DATE: 03/05/25	CS:	TYPICAL CROSS SECTIONS	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT:	JN: 218688		
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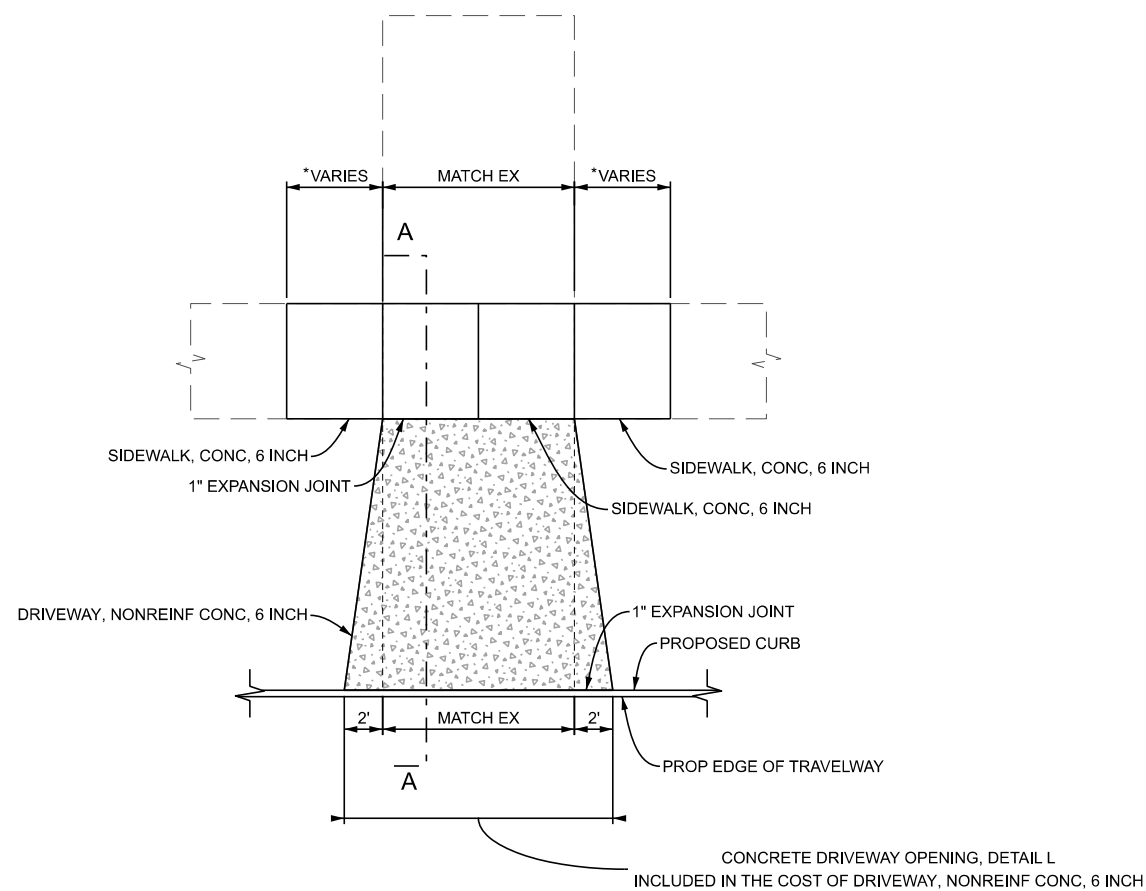


ALLEY PLAN VIEW

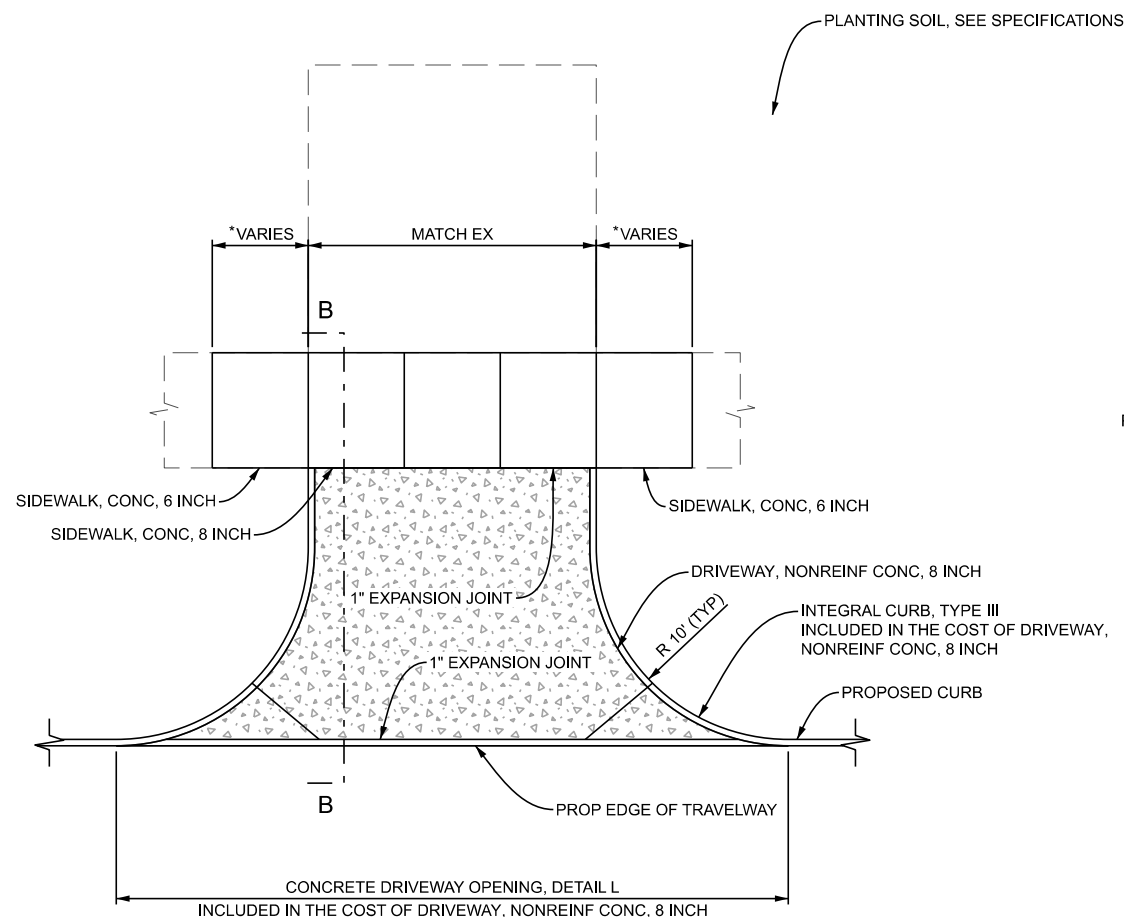


SECTION A-A

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				INFRASTRUCTURE ENGINEERING	NO SCALE	DATE: 03/05/25	CS:	MISCELLANEOUS DETAILS	DRAWING	SHEET
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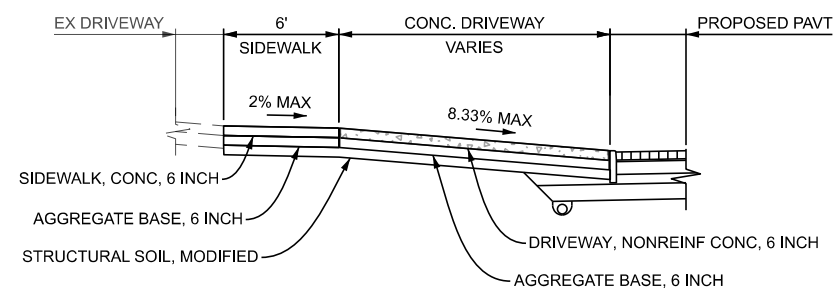


RESIDENTIAL DRIVEWAY DETAIL

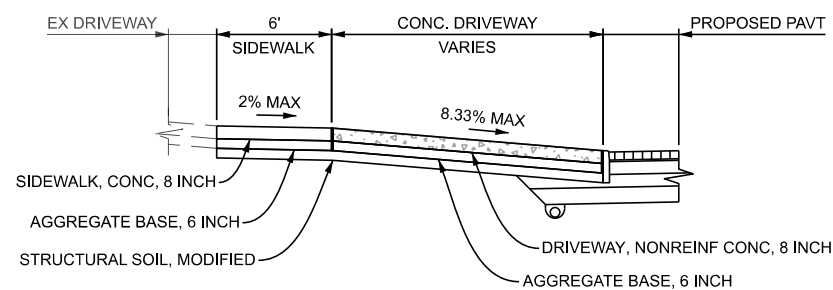


ALLEY APPROACH DETAIL

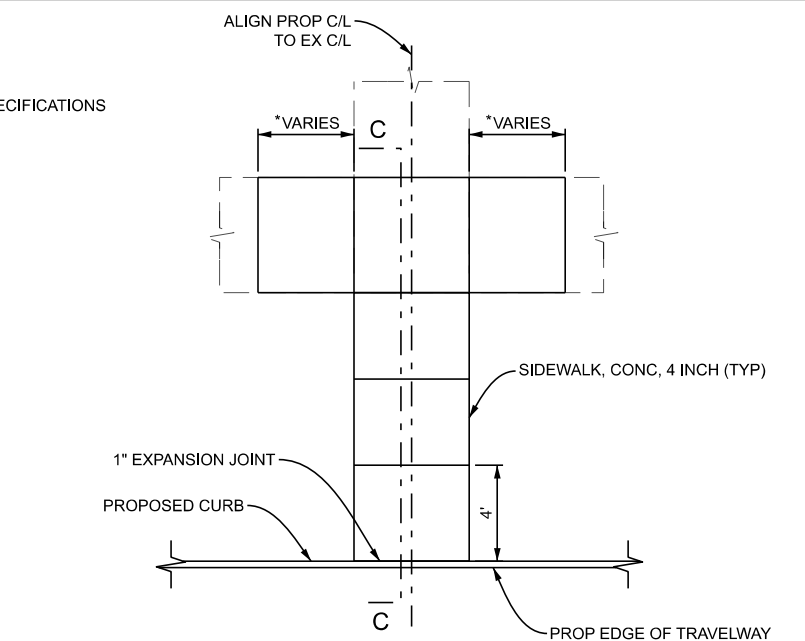
* NOTE: IN ORDER TO ACHIEVE 2% MAX CROSS SLOPE, RECONSTRUCT 5' OR TO NEXT AVAILABLE JOINT.



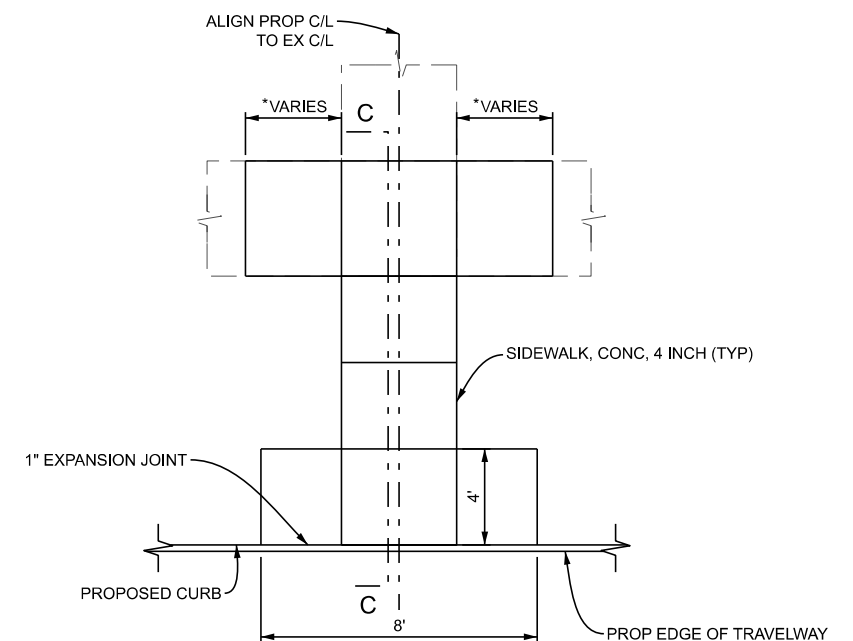
SECTION A-A



SECTION B-B

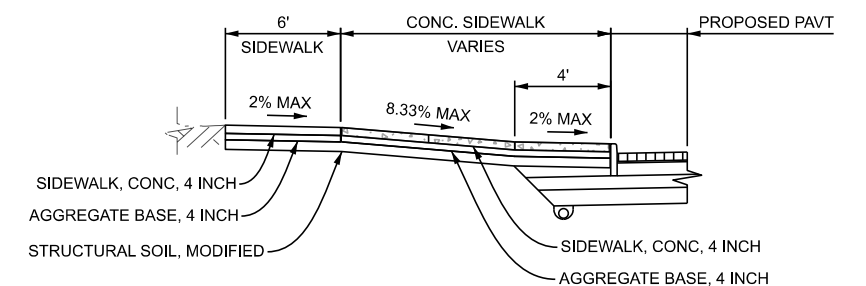


PROPOSED SIDEWALK DETAIL



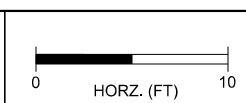
PROPOSED SIDEWALK DETAIL WITH ACCESS PAD

NOTE: SEE CONSTRUCTION PLANS FOR SIDEWALK WITH ACCESS PAD LOCATIONS



SECTION C-C

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
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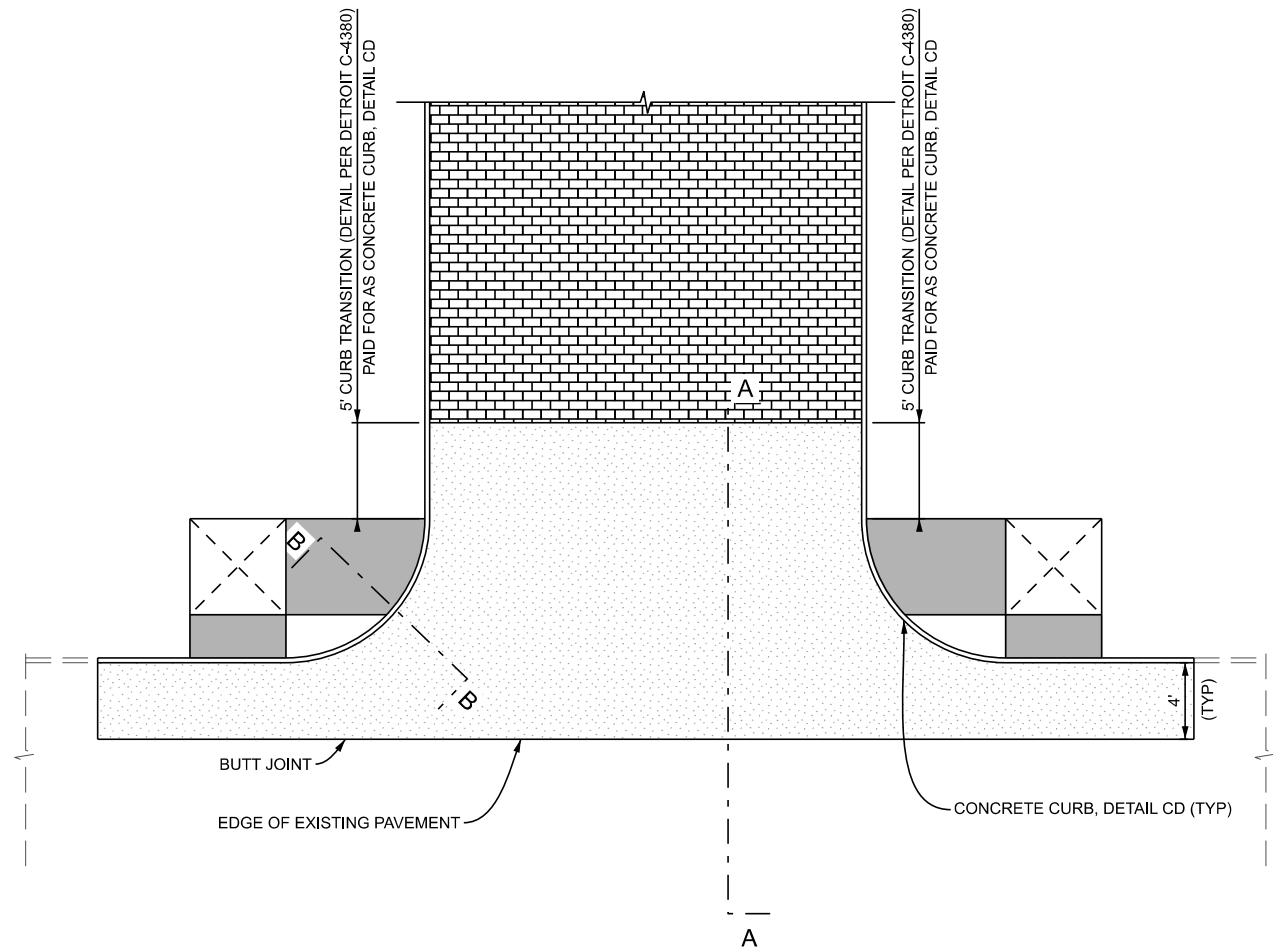
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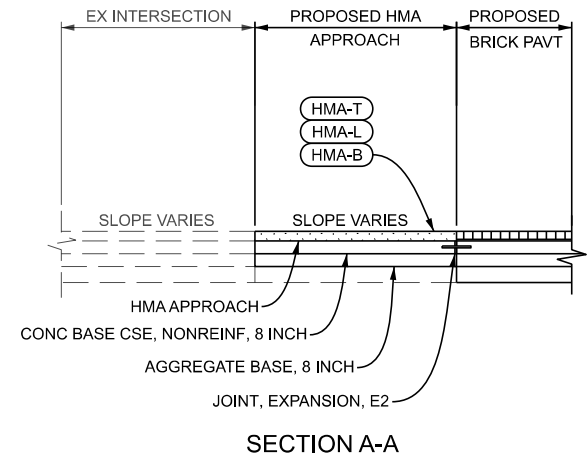
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JN: 218688

MISCELLANEOUS DETAILS
Virginia Pk STA 0+10 TO STA 22+35
VIRGINIA PARK STREET

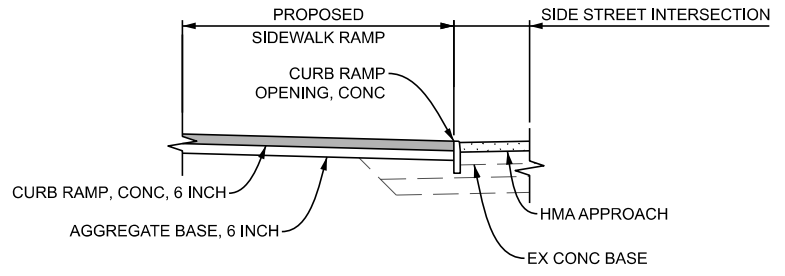
DRAWING SHEET
Virginia Pk SECT 1
MSCDET 10



SIDE STREET INTERSECTION APPROACH DETAIL



SECTION A-A

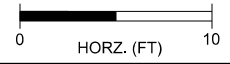


SECTION B-B

HMA APPLICATION ESTIMATE				
IDENT NO.	ITEM	RATE LBS PER SYD	PERFORMANCE GRADE	REMARKS
HMA-T	HMA APPROACH	220	58-28	HMA, 36A - TOP COURSE - SIDESTREET INTERSECTION
HMA-L	HMA APPROACH	220	58-28	HMA, 13A - LEVELING COURSE - SIDESTREET INTERSECTION
HMA-B	HMA APPROACH	220	58-28	HMA, 13A - BASE COURSE - SIDESTREET INTERSECTION
HP	HAND PATCHING	660	58-28	HMA 13A - FOR ALLEY PATCHING - 2" MAX LIFTS
	* BOND COAT	0.05-0.15 GAL		

* FOR INFORMATION ONLY

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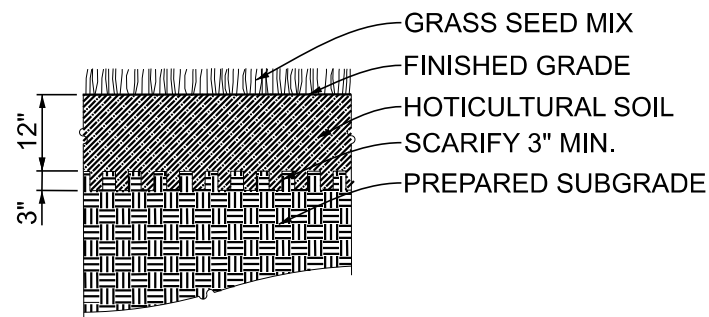
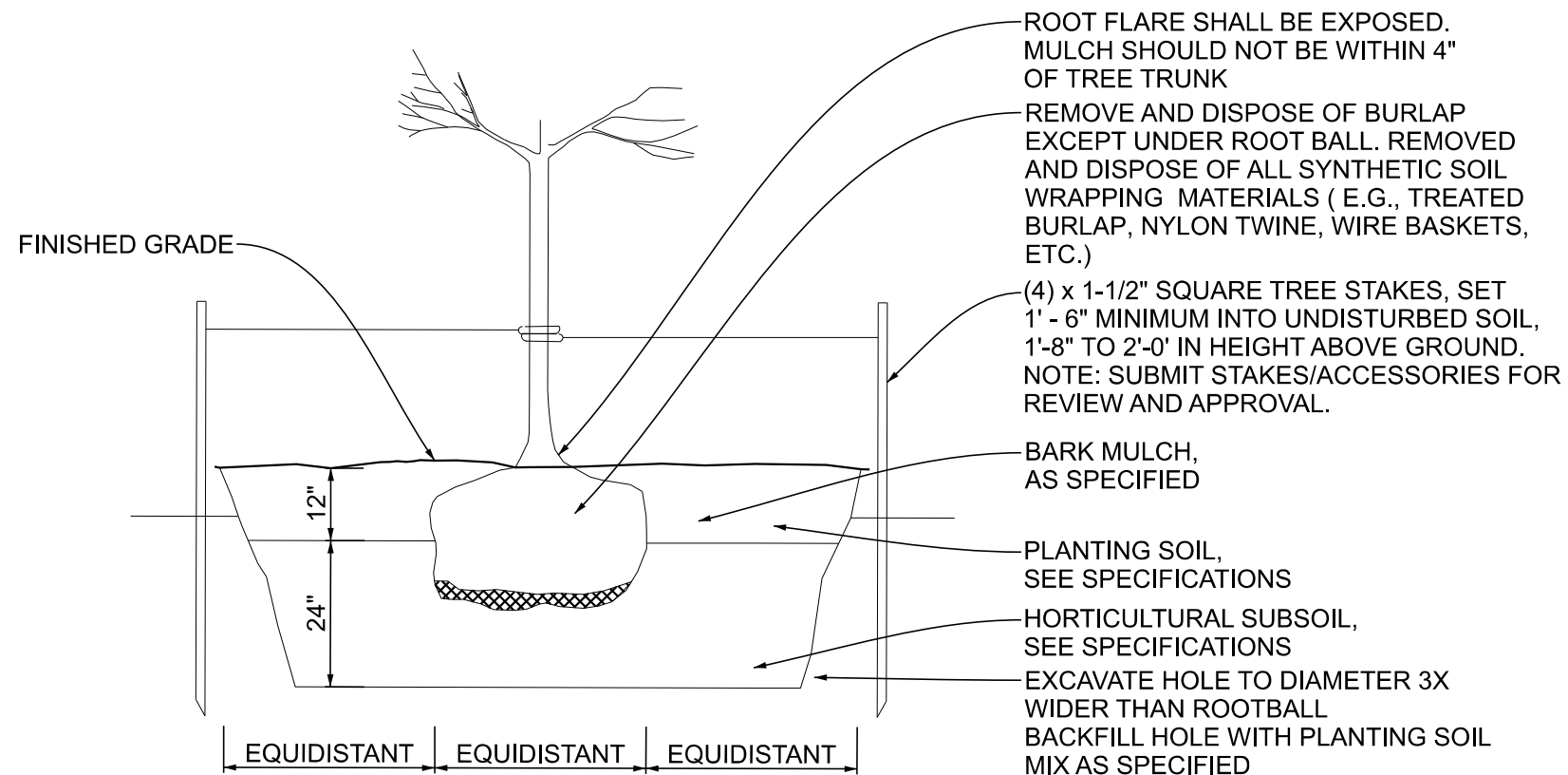
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MISCELLANEOUS DETAILS
Virginia Pk STA 0+10 TO STA 22+35
VIRGINIA PARK STREET

DRAWING SHEET
Virginia Pk SECT 1
MSCDET 3
11



SOIL PREPARATION DETAIL

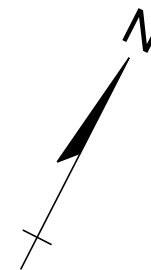
TREE PLANTING DETAIL
ULMUS AMERICANA 'PRINCETON' NURSERY STOCK

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 03/05/25	CS:	MISCELLANEOUS DETAILS	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT:	JN: 218688		
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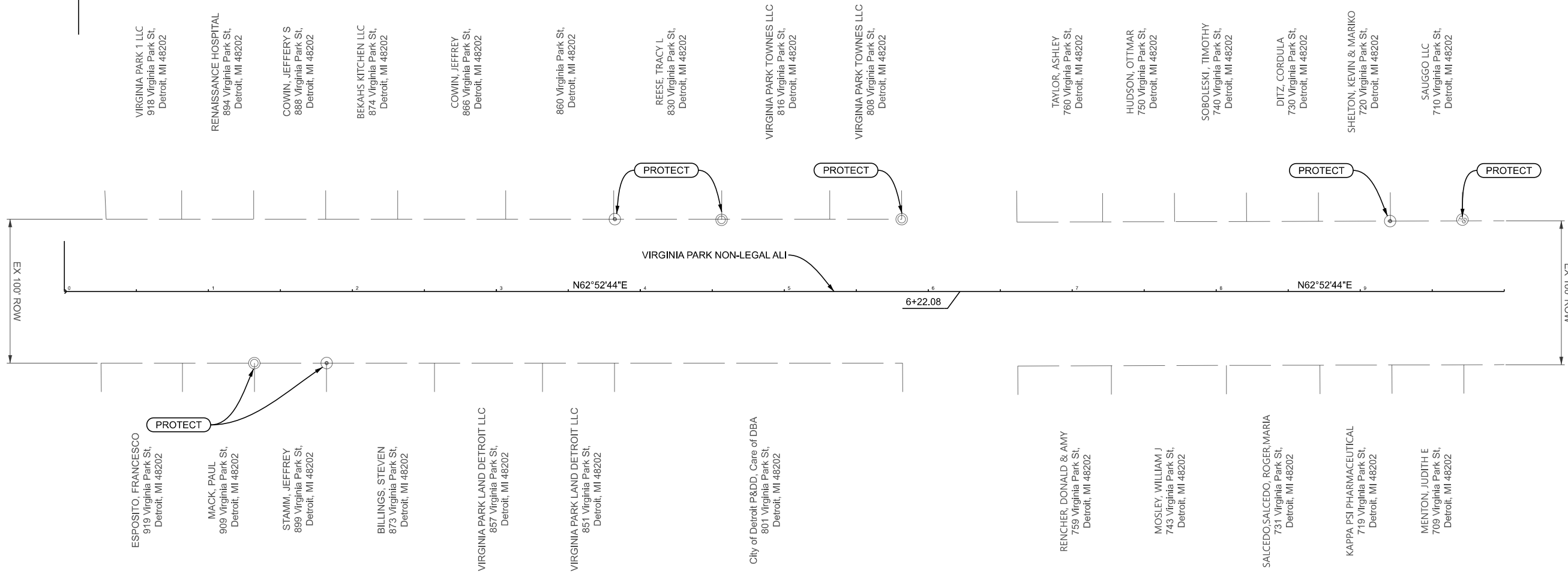
ALIGNMENT KEY	
VIRGINIA PARK NON-LEGAL ALI:	VIRGINIA PARK NON-LEGAL ALIGNMENT AS PROPOSED FOR JN 218688

3RD AVE

JOHN C LODGE SERVICE DR



JN 218688
VIRGINIA PARK NON-LEGAL ALI
POB STA 0+10



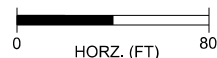
VIRGINIA PARK ST

VIRGINIA PARK ST

JOHN C LODGE SERVICE DR

3RD AVE

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
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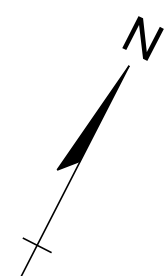
ALIGNMENT
Virginia Pk STA 0+10 TO STA 10+00
VIRGINIA PARK STREET

DRAWING	SHEET
Virginia Pk ALI 1	SECT 1 13

FILE: 218688_Virginia_ALI001.dgn

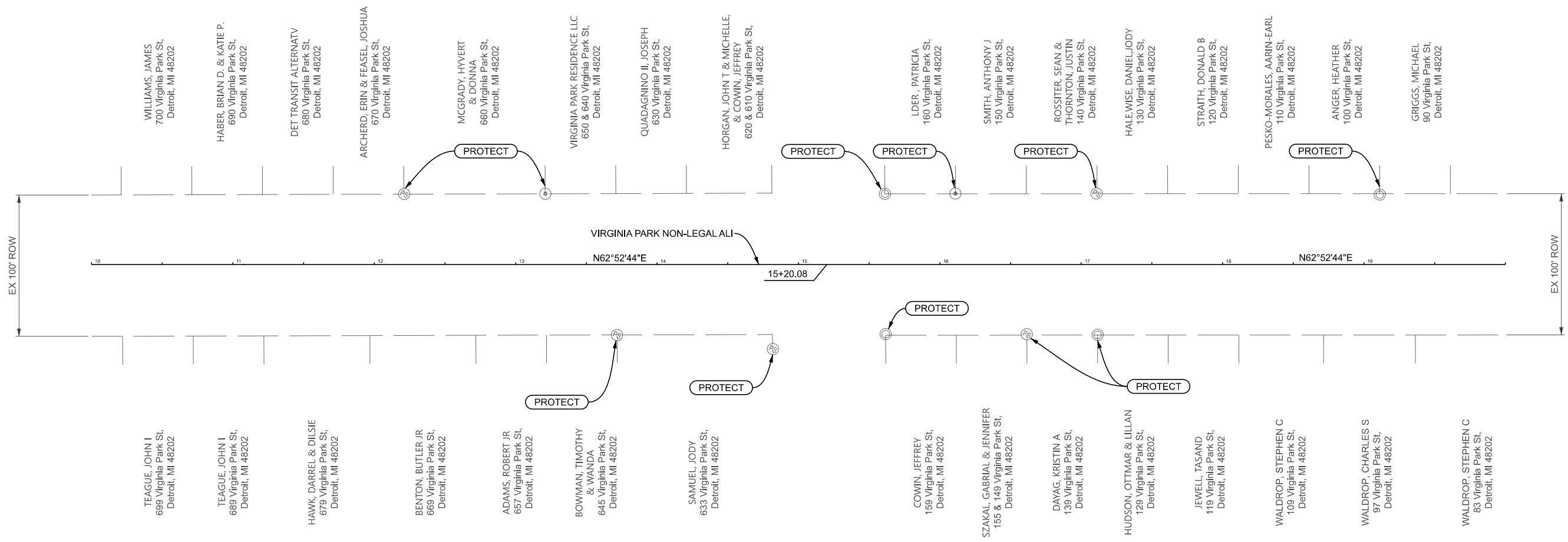
ALIGNMENT KEY	
VIRGINIA PARK NON-LEGAL ALI:	VIRGINIA PARK NON-LEGAL ALIGNMENT AS PROPOSED FOR JN 218688

2ND AVE



VIRGINIA PARK ST

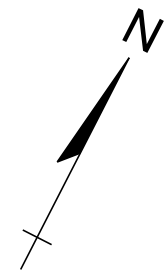
VIRGINIA PARK ST



2ND AVE

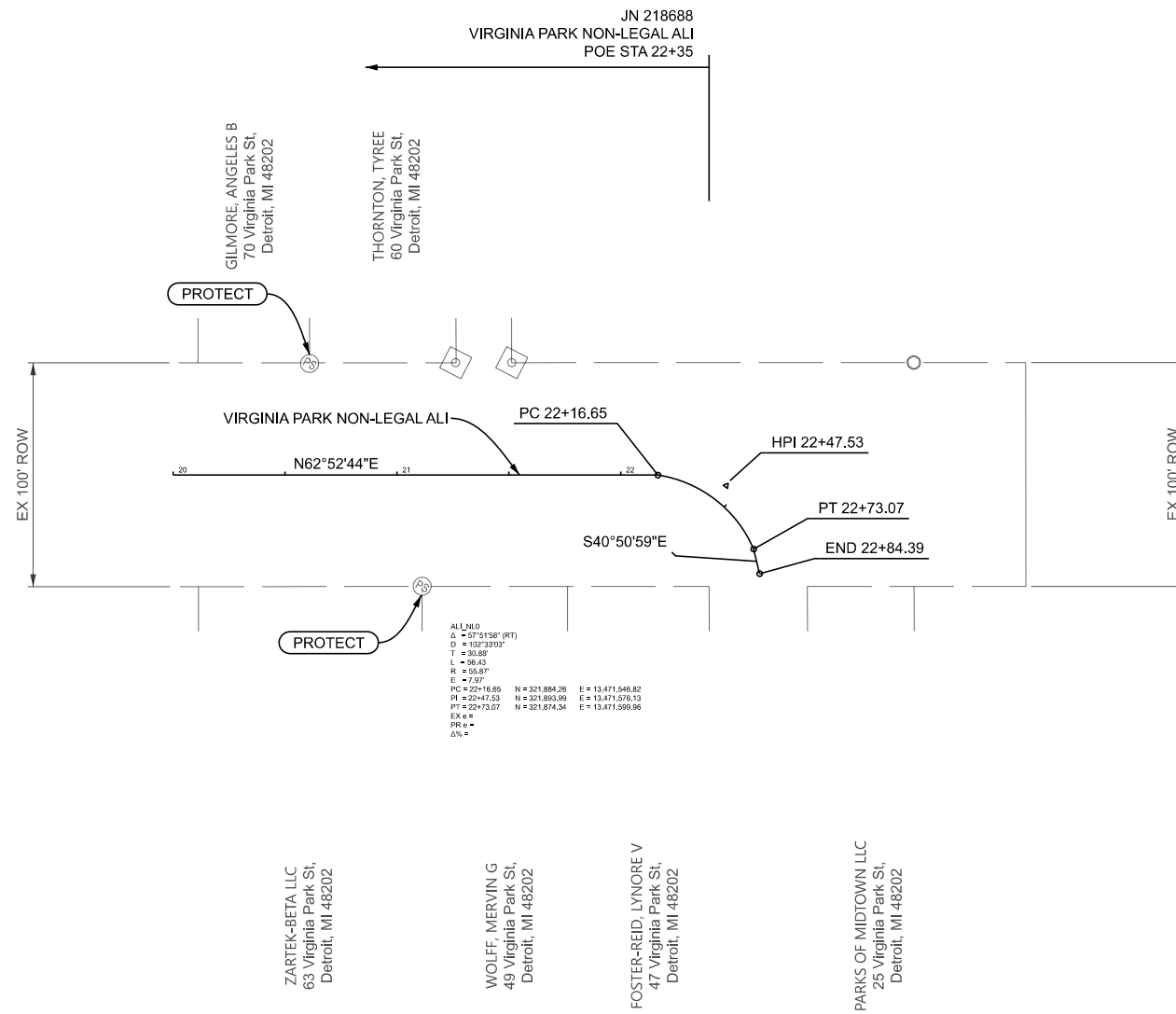
FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 03/05/25	CS:	ALIGNMENT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT:	JN: 218688	Virginia Pk STA 10+00 TO STA 20+00		Virginia Pk	SECT 1
FILE: 218688_Virginia_ALI002.dgn											TSC:	VIRGINIA PARK STREET		ALI	14	
													2			

ALIGNMENT KEY	
VIRGINIA PARK NON-LEGAL ALI:	VIRGINIA PARK NON-LEGAL ALIGNMENT AS PROPOSED FOR JN 218688



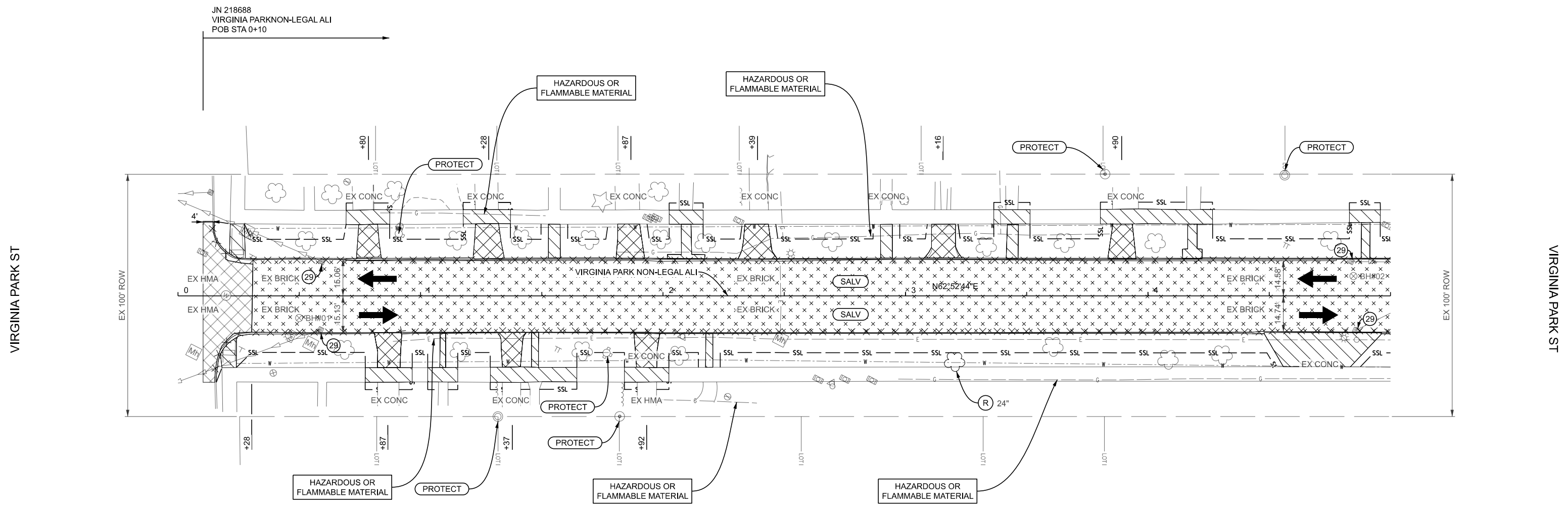
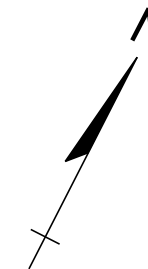
VIRGINIA PARK ST

VIRGINIA PARK ST



FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:					DATE: 03/05/25 DESIGN UNIT: TSC:	CS: JN: 218688	ALIGNMENT		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	Virginia Pk ALI 3	SECT 1 15									
										FILE: 218688_Virginia_ALI003.dgn		Virginia Pk STA 20+00 TO STA 22+35 VIRGINIA PARK STREET						

JOHN C LODGE SERVICE DR



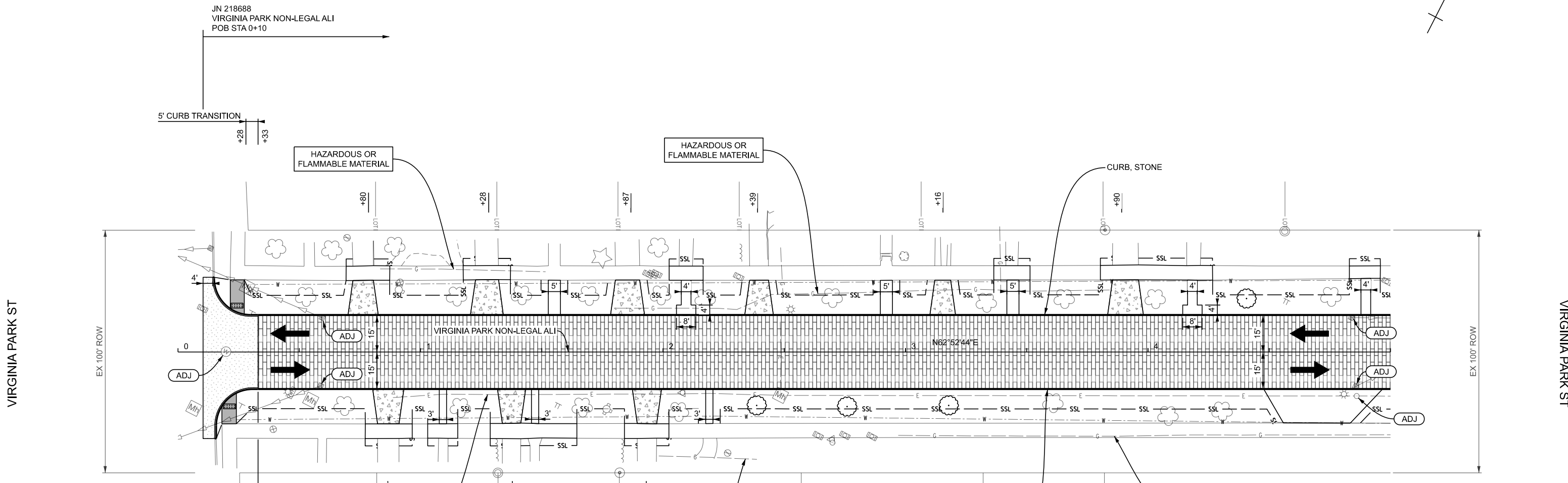
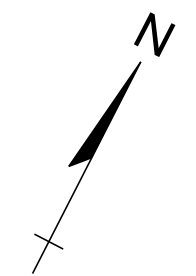
QUANTITIES THIS SHEET

JN 218688		
CAT 0001		
1	Ea	Tree, Rem, 19 inch to 36 inch
804	Ft	Curb, Rem
2589	Syd	Pavt, Rem
275	Syd	Sidewalk, Rem
785	Syd	Pavt, Rem, Brick, Salv, Modified
1371	Cyd	Excavation, Earth
4	Ea	Erosion Control, Inlet Protection, Fabric Drop
94	Syd	HMA Surface, Rem
188	Ft	Curb, Removal, Stone, Salv, Modified

JOHN C LODGE SERVICE DR

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				INFRASructure ENGINEERING			DATE: 03/05/25	DESIGN UNIT:	CS: JN: 218688	REMOVAL		DRAWING SHEET	
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION							Virginia Pk	SECT 1		
FILE: 2301037_REM_001.dgn													TSC:	Virginia Pk STA POB 0+10 TO STA 5+00		Virginia Pk	SECT 1
														VIRGINIA PARK STREET		REM	16

JOHN C LODGE SERVICE DR



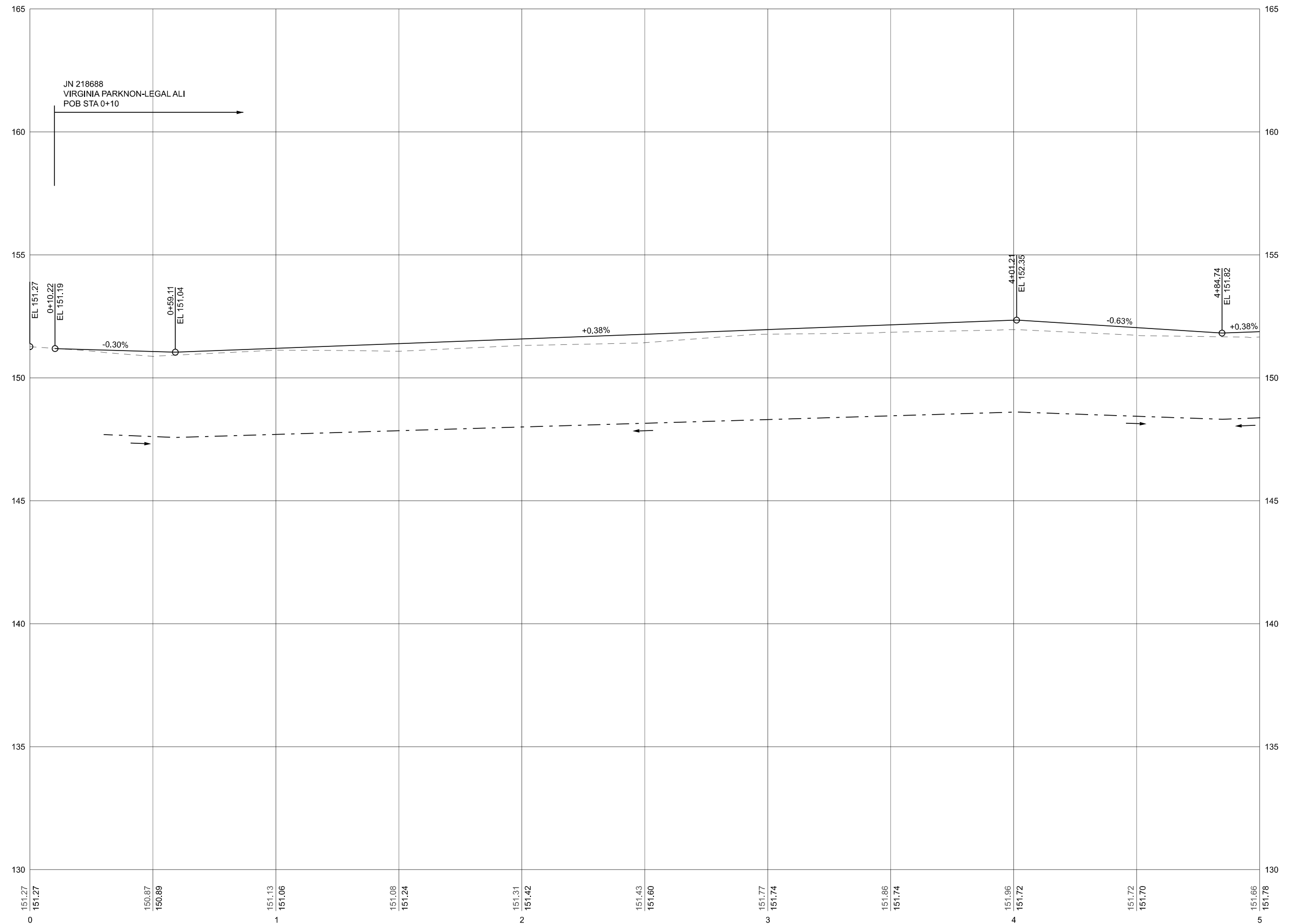
QUANTITIES THIS SHEET

JN 218688	CAT 0001		
108	Cyd	Embankment, CIP	
517	Cyd	Subbase, CIP	
211	Syd	Aggregate Base, 4 inch	
101	Syd	Aggregate Base, 6 inch	
2083	Syd	Aggregate Base, 8 inch	
5	Ea	Dr Structure Cover, Adj, Case 1	
8	Ea	Dr Structure, Tap, 6 inch	
934	Ft	Underdrain, Subbase, 6 inch	
34	Ton	HMA Approach	
1661	Syd	Conc Base Cse, Nonreinf, 8 inch	
31	Ft	Joint, Expansion, E2	
187	Ft	Curb, Stone, Salv	
188	Ea	Curb, Stone, Off-Site	
44	Ft	Conc Curb, Detail CD	
10	Ft	Detectable Warning Surface	
15	Ft	Curb Ramp Opening, Conc	
1655	Sft	Sidewalk, Conc, 4 inch	
832	Sft	Sidewalk, Conc, 6 inch	
139	Sft	Curb Ramp, Conc, 6 inch	
779	Syd	Pavt, Brick, Off-site	
779	Syd	Pavt, Brick, Salv	
33	Cyd	Horticultural Soil, Modified	
79	Cyd	Structural Soil, Modified	
4	Ea	Ulmus Americana 'Princeton' Nursery Stock	
36	Lb	Grass Seed Mix, Modified	
1	Ea	Gate Box, Adj, Case 1	

DRIVEWAY TABLE

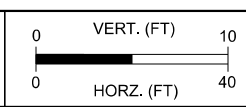
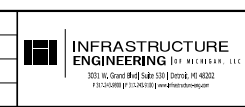
ALIGNMENT	STATION	BACK OFFSET FROM CL	PROP DRIVEWAY SLOPE	PROP DRIVEWAY WIDTH	RADIUS ENTERING	RADIUS EXITING	Aggregate Base, 6 inch Syd	Driveway, Nonreinf Conc, 6 inch Syd
		FT	%	FT	FT	FT		
Virginia Park	0+80 LT	30	-7.67%	12.5	N/A	N/A	18	17
Virginia Park	0+87 RT	30	10.13%	13	N/A	N/A	19	18
Virginia Park	1+28 LT	30	-7.30%	13.5	N/A	N/A	21	19
Virginia Park	1+37 RT	30	8.96%	11.5	N/A	N/A	17	15
Virginia Park	1+87 LT	30	-6.90%	14	N/A	N/A	21	20
Virginia Park	1+92 RT	30	7.90%	12	N/A	N/A	18	16
Virginia Park	2+39 LT	30	-6.58%	12	N/A	N/A	18	16
Virginia Park	3+16 LT	30	-5.71%	10.5	N/A	N/A	16	14
Virginia Park	3+90 LT	30	-5.97%	15	N/A	N/A	22	21
TOTAL							170	156

JOHN C LODGE SERVICE DR



- - - EX GROUND PROFILE AT NON-LEGAL ALI
 - - - PROP PLAN GRADE AT NON-LEGAL ALI
 - . - PROP UNDERDRAIN, SUBBASE, 6 INCH

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



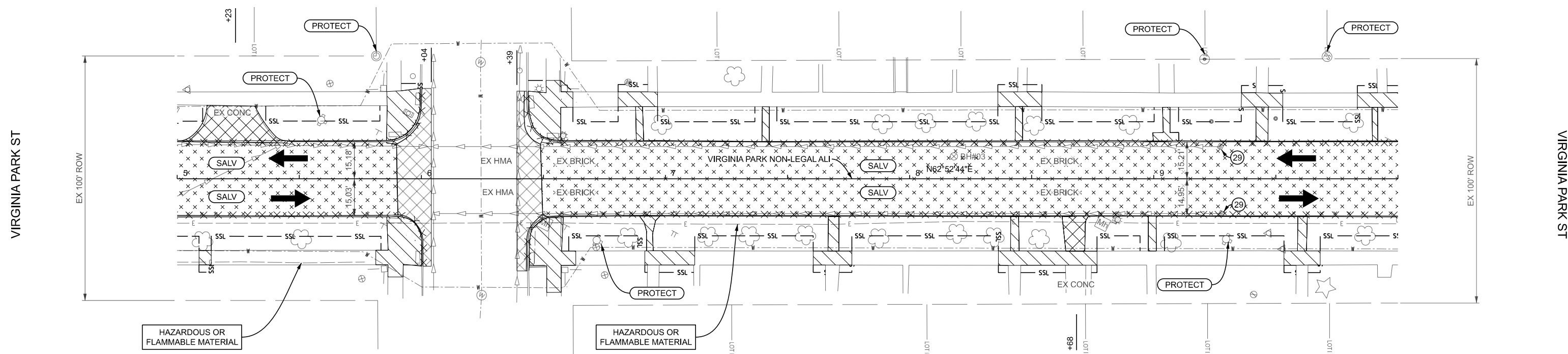
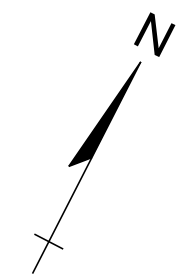
DATE: 03/05/25
 DESIGN UNIT:
 TSC:
 FILE: 2301037_PROF_001.dgn

CS:
 JN: 218688

PROFILE
 Virginia Pk STA POB 0+10 TO STA 5+00
 VIRGINIA PARK STREET

DRAWING SHEET
 Virginia Pk SECT 1
 PROF 1 18

3RD AVE

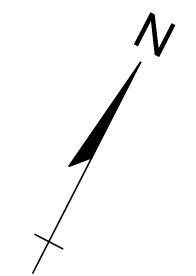


QUANTITIES THIS SHEET

JN 218688		
CAT 0001		
824	Ft	Curb, Rem
2441	Syd	Pavt, Rem
189	Syd	Sidewalk, Rem
752	Syd	Pavt, Rem, Brick, Salv, Modified
1238	Cyd	Excavation, Earth
2	Ea	Erosion Control, Inlet Protection, Fabric Drop
119	Syd	HMA Surface, Rem
177	Ft	Curb, Removal, Stone, Salv, Modified

3RD AVE

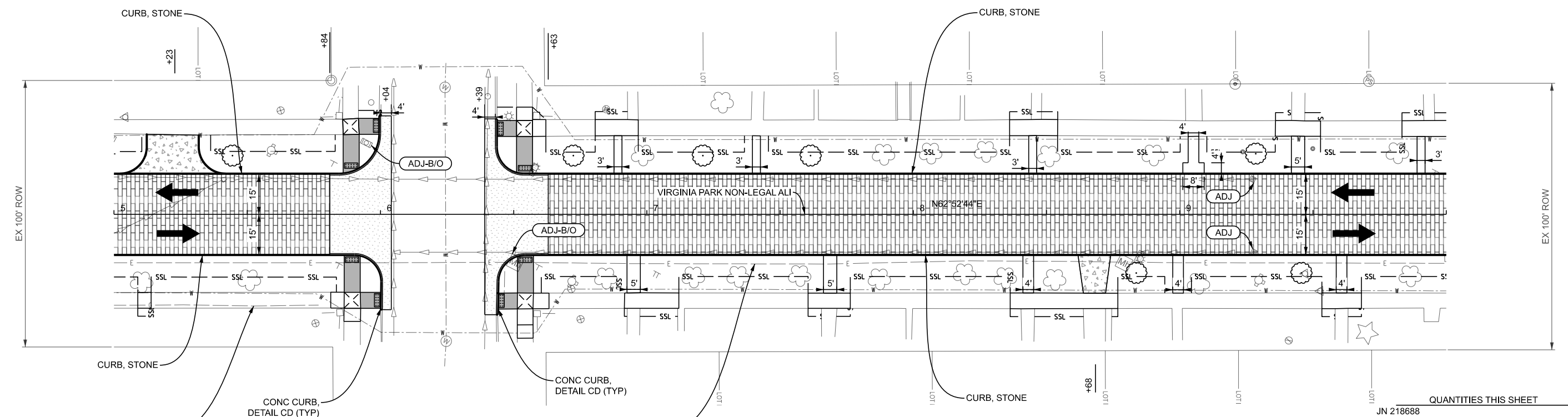
FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 03/05/25	CS:	REMOVAL	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT:	JN: 218688		
FILE: 2301037_REM_002.dgn											TSC:	VIRGINIA PARK STREET		



3RD AVE

VIRGINIA PARK ST

VIRGINIA PARK ST



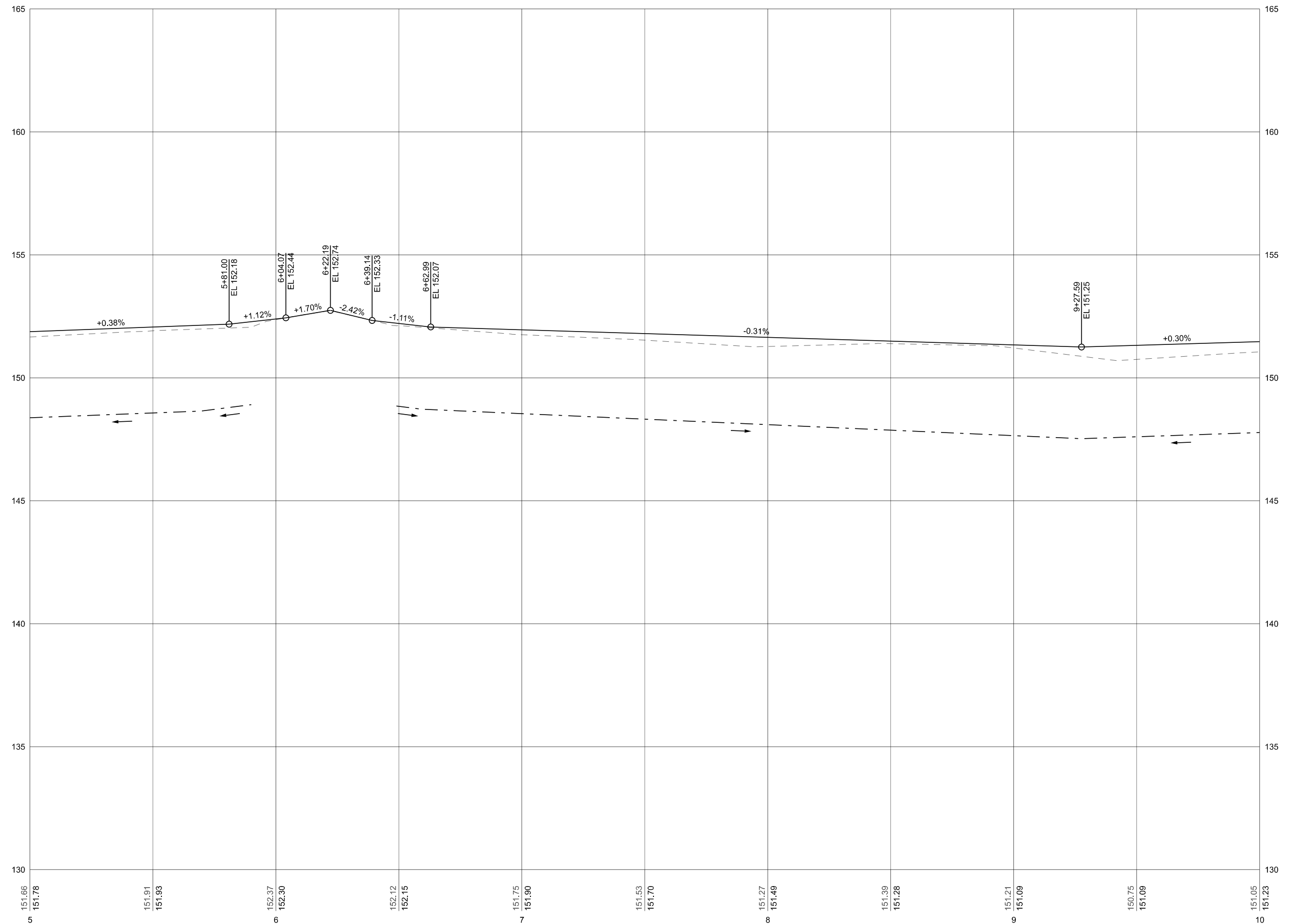
QUANTITIES THIS SHEET

JN 218688 CAT 0001		
101	Cyd	Embankment, CIP
463	Cyd	Subbase, CIP
242	Syd	Aggregate Base, 4 inch
68	Syd	Aggregate Base, 6 inch
1971	Syd	Aggregate Base, 8 inch
2	Ea	Dr Structure Cover, Adj, Case 1
4	Ea	Dr Structure, Tap, 6 inch
836	Ft	Underdrain, Subbase, 6 inch
68	Ton	HMA Approach
1600	Syd	Conc Base Cse, Nonrein, 8 inch
61	Ft	Joint, Expansion, E2
168	Ea	Curb, Stone, Off-Site
89	Ft	Conc Curb, Detail CD
40	Ft	Detectable Warning Surface
56	Ft	Curb Ramp Opening, Conc
1851	Sft	Sidewalk, Conc, 4 inch
417	Sft	Sidewalk, Conc, 6 inch
517	Sft	Curb Ramp, Conc, 6 inch
697	Syd	Pavt, Brick, Off-site
697	Syd	Pavt, Brick, Salv
32	Cyd	Horticultural Soil, Modified
79	Cyd	Structural Soil, Modified
7	Ea	Ulmus Americana 'Princeton' Nursery Stock
35	Lb	Grass Seed Mix, Modified

ALIGNMENT	STATION	BACK OFFSET FROM CL		PROP DRIVEWAY SLOPE		PROP DRIVEWAY WIDTH	RADIUS ENTERING	RADIUS EXITING	Aggregate Base, 6 inch	Driveway, Nonrein Conc, 6 inch	Driveway, Nonrein Conc, 8 inch
		FT	FT	%	%						
Virginia Park	5+23 LT	30		-8.52%		35	10.0	10.0	39	-	36
Virginia Park	8+68 RT	30		7.41%		13	N/A	N/A	18	17	-
TOTAL									57	17	36

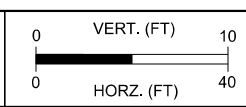
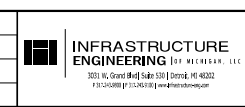
3RD AVE

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 03/05/25	CS:	CONSTRUCTION Virginia Pk STA 5+00 TO STA 10+00 VIRGINIA PARK STREET	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT:	JN: 218688		



EX GROUND PROFILE AT NON-LEGAL ALI
 PROP PLAN GRADE AT NON-LEGAL ALI
 PROP UNDERDRAIN, SUBBASE, 6 INCH

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

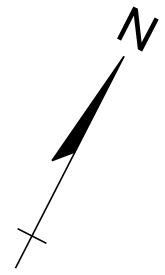


DATE: 03/05/25
 DESIGN UNIT:
 TSC:
 FILE: 2301037_PROF_002.dgn

CS:
 JN: 218688

PROFILE
 Virginia Pk STA 5+00 TO STA 10+00
 VIRGINIA PARK STREET

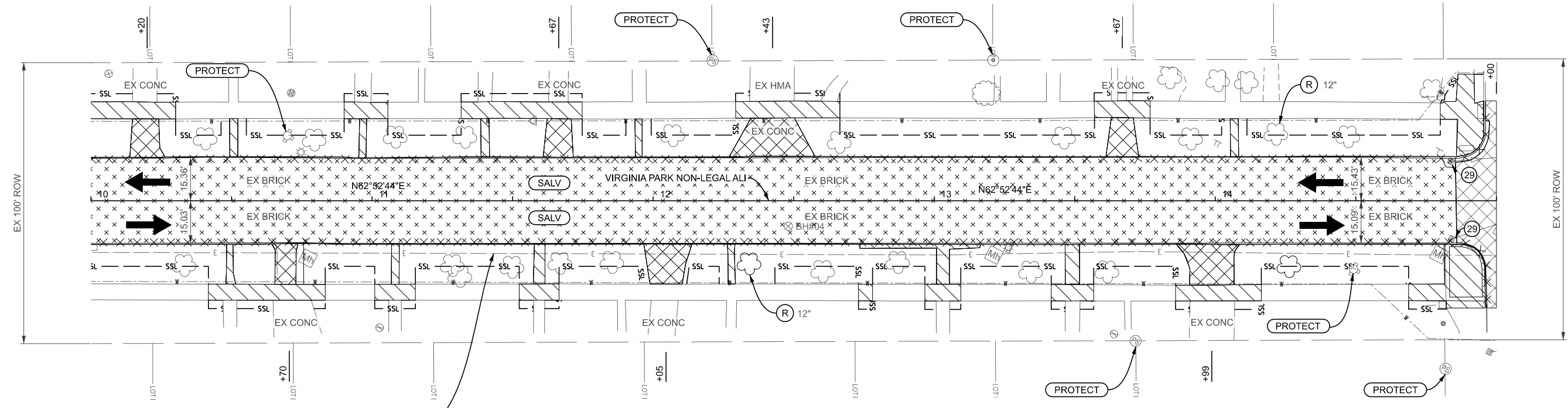
DRAWING SHEET
 Virginia Pk PROF 2 SECT 1 21



2ND AVE

VIRGINIA PARK ST

VIRGINIA PARK ST



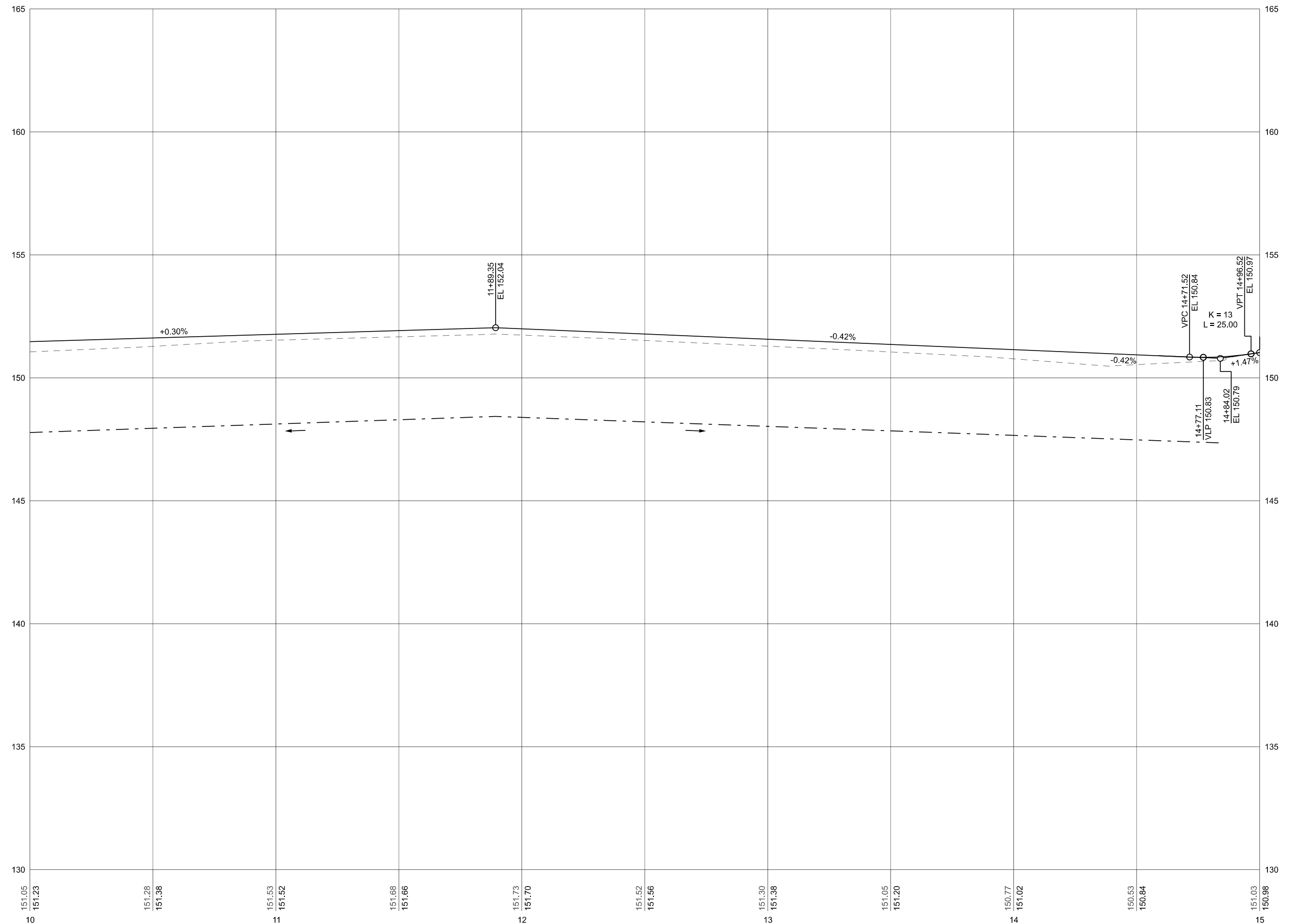
HAZARDOUS OR FLAMMABLE MATERIAL

QUANTITIES THIS SHEET

JN 218688		
CAT 0001		
2	Ea	Tree, Rem, 6 inch to 18 inch
836	Ft	Curb, Rem
2718	Syd	Pavt, Rem
223	Syd	Sidewalk, Rem
602	Syd	Pavt, Rem, Brick, Salv, Modified
1395	Cyd	Excavation, Earth
2	Ea	Erosion Control, Inlet Protection, Fabric Drop
68	Syd	HMA Surface, Rem
194	Ft	Curb, Removal, Stone, Salv, Modified

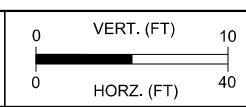
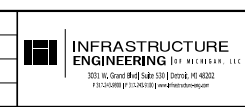
2ND AVE

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				<p>INFRASTRUCTURE ENGINEERING</p>	<p>City of Detroit</p>		DATE: 03/05/25	CS:	REMOVAL	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT:	JN: 218688		
FILE: 2301037_REM_003.dgn											TSC:		VIRGINIA PARK STREET	



- - - EX GROUND PROFILE AT NON-LEGAL ALI
 - - - PROP PLAN GRADE AT NON-LEGAL ALI
 - . . PROP UNDERDRAIN, SUBBASE, 6 INCH

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



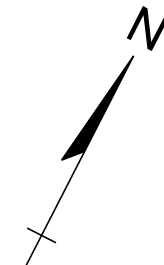
DATE: 03/05/25
 DESIGN UNIT:
 TSC:
 FILE: 2301037_PROF_003.dgn

CS:
 JN: 218688

PROFILE
 Virginia Pk STA 10+00 TO STA 15+00
 VIRGINIA PARK STREET

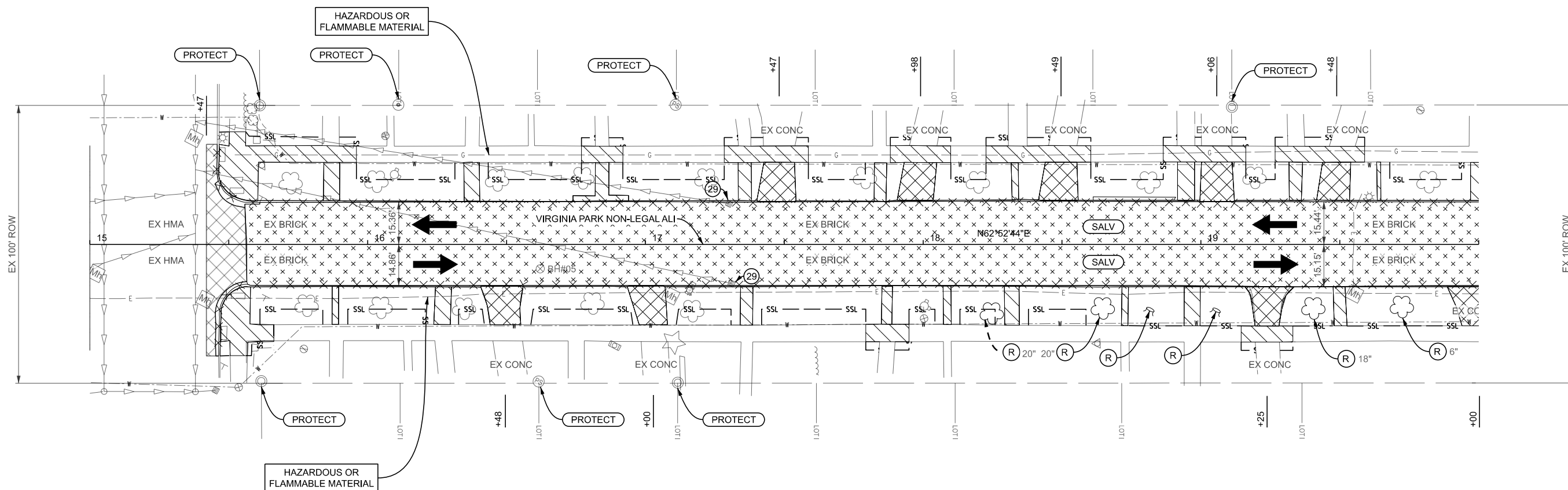
DRAWING SHEET
 Virginia Pk SECT 1
 PROF 3 24

2ND AVE



VIRGINIA PARK ST

VIRGINIA PARK ST

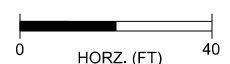


2ND AVE

QUANTITIES THIS SHEET

JN 218688		
CAT 0001		
1	Ea	Tree, Rem, 19 inch to 36 inch
3	Ea	Tree, Rem, 6 inch to 18 inch
2	Ea	Stump, Rem, 6 inch to 18 inch
766	Ft	Curb, Rem
2468	Syd	Pavt, Rem
281	Syd	Sidewalk, Rem
744	Syd	Pavt, Rem, Brick, Salv, Modified
1309	Cyd	Excavation, Earth
2	Ea	Erosion Control, Inlet Protection, Fabric Drop
67	Syd	HMA Surface, Rem
178	Ft	Curb, Removal, Stone, Salv, Modified

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION

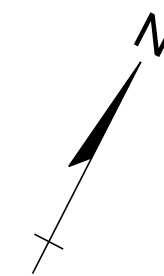


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 DESIGN UNIT:
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 FILE: 2301037_REM_004.dgn

CS:
 JN: 218688

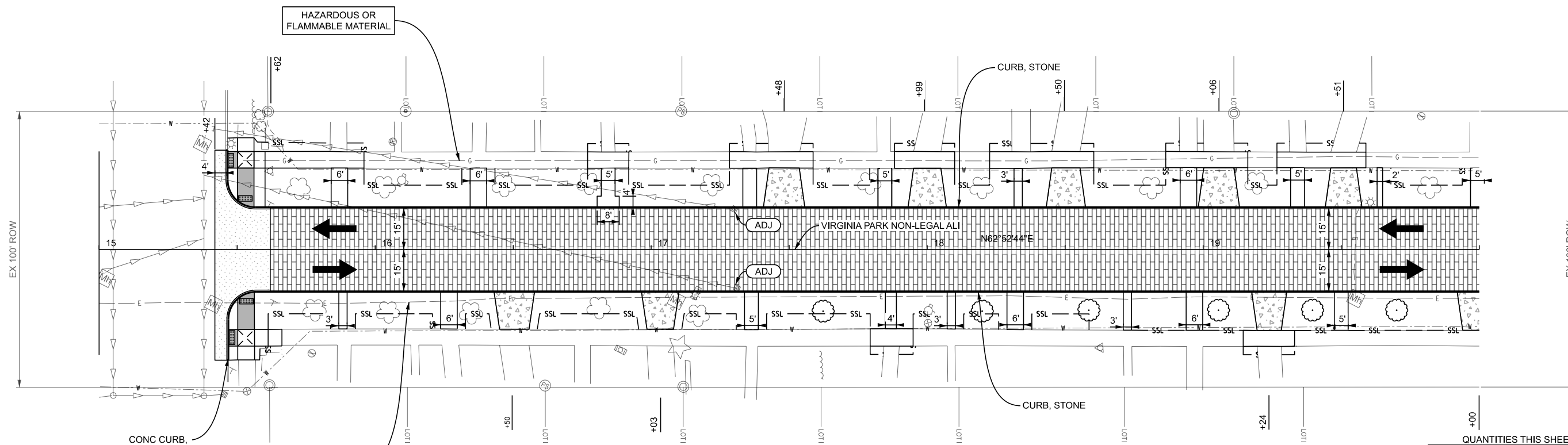
REMOVAL		DRAWING SHEET
Virginia Pk STA 15+00 TO STA 20+00		Virginia Pk SECT 1
VIRGINIA PARK STREET		REM 4 25

2ND AVE



VIRGINIA PARK ST

VIRGINIA PARK ST



CONC CURB, DETAIL CD (TYP)

HAZARDOUS OR FLAMMABLE MATERIAL

QUANTITIES THIS SHEET

JN 218688 CAT 0001		
102	Cyd	Embankment, CIP
491	Cyd	Subbase, CIP
287	Syd	Aggregate Base, 4 inch
104	Syd	Aggregate Base, 6 inch
1967	Syd	Aggregate Base, 8 inch
2	Ea	Dr Structure Cover, Adj, Case 1
4	Ea	Dr Structure, Tap, 6 inch
888	Ft	Underdrain, Subbase, 6 inch
31	Ton	HMA Approach
1573	Syd	Conc Base Cse, Nonreinf, 8 inch
31	Ft	Joint, Expansion, E2
176	Ea	Curb, Stone, Off-Site
41	Ft	Conc Curb, Detail CD
20	Ft	Detectable Warning Surface
28	Ft	Curb Ramp Opening, Conc
2063	Sft	Sidewalk, Conc, 4 inch
602	Sft	Sidewalk, Conc, 6 inch
200	Sft	Curb Ramp, Conc, 6 inch
740	Syd	Pavt, Brck, Off-site
740	Syd	Pavt, Brck, Salv
31	Cyd	Horticultural Soil, Modified
84	Cyd	Structural Soil, Modified
6	Ea	Ulmus Americana 'Princeton' Nursery Stock
33	Lb	Grass Seed Mix, Modified

DRIVEWAY TABLE							Aggregate Base, 6 inch	Driveway, Nonreinf Conc, 6 inch
ALIGNMENT	STATION	BACK OFFSET FROM CL	PROP DRIVEWAY SLOPE	PROP DRIVEWAY WIDTH	RADIUS ENTERING	RADIUS EXITING		
		FT	%	FT	FT	FT	Syd	Syd
Virginia Park	16+50 RT	30	6.93%	14.5	N/A	N/A	21	20
Virginia Park	17+03 RT	30	7.93%	13.5	N/A	N/A	19	18
Virginia Park	17+48 LT	30	-6.42%	15	N/A	N/A	23	21
Virginia Park	17+99 LT	30	-4.86%	14	N/A	N/A	21	19
Virginia Park	18+50 LT	30	-4.74%	14	N/A	N/A	21	20
Virginia Park	19+06 LT	30	-4.90%	15	N/A	N/A	23	21
Virginia Park	19+24 RT	30	5.29%	13	N/A	N/A	19	17
Virginia Park	19+51 LT	30	-4.60%	13.5	N/A	N/A	20	18
Virginia Park	20+00 RT	30	5.29%	13.5	N/A	N/A	20	18
TOTAL							187	172

2ND AVE

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

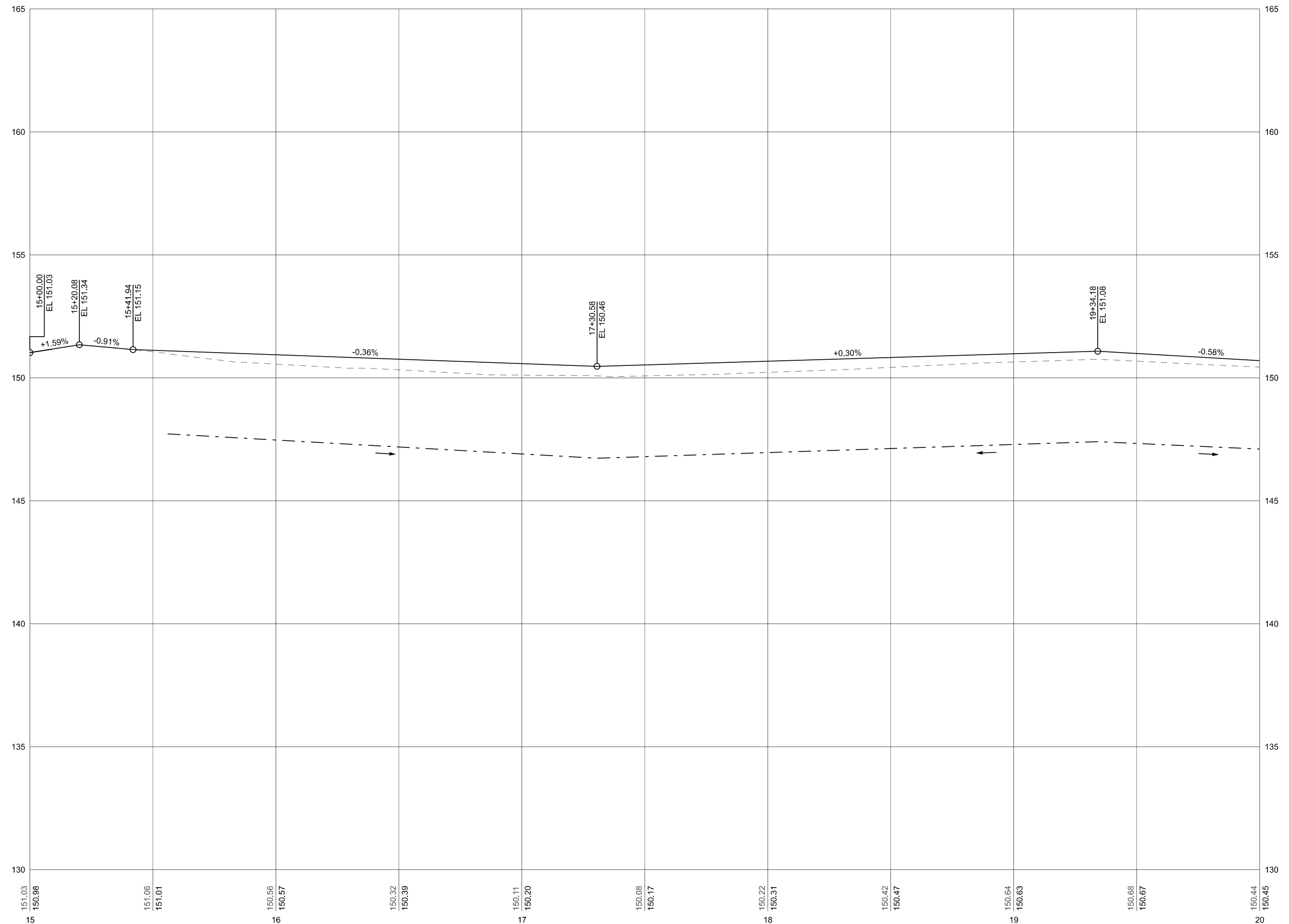


DATE: 03/05/25
 DESIGN UNIT:
 TSC:
 FILE: 2301037_CON_004.dgn

CS:
 JN: 218688

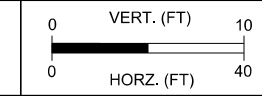
CONSTRUCTION
 Virginia Pk STA 15+00 TO STA 20+00
 VIRGINIA PARK STREET

DRAWING SHEET
 Virginia Pk CON 4 SECT 1 26



EX GROUND PROFILE AT NON-LEGAL ALI
 PROP PLAN GRADE AT NON-LEGAL ALI
 PROP UNDERDRAIN, SUBBASE, 6 INCH

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

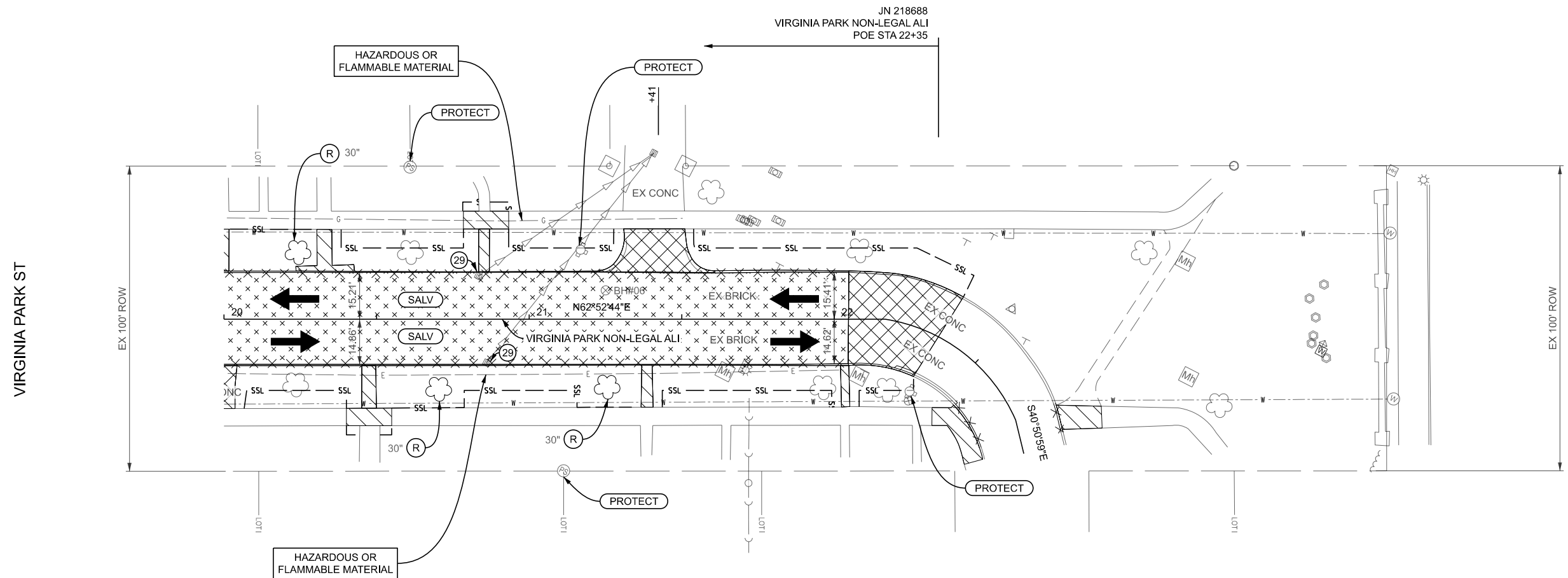
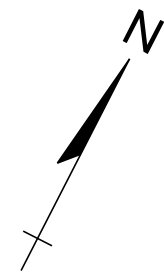


DATE: 03/05/25
 DESIGN UNIT:
 TSC:
 FILE: 2301037_PROF_004.dgn

CS:
 JN: 218688

PROFILE
 Virginia Pk STA 15+00 TO STA 20+00
 VIRGINIA PARK STREET

DRAWING SHEET
 Virginia Pk SECT 1
 PROF 4 SHEET 27

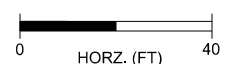


QUANTITIES THIS SHEET

JN 218688		
CAT 0001		
3	Ea	Tree, Rem, 19 inch to 36 inch
328	Ft	Curb, Rem
1165	Syd	Pavt, Rem
53	Syd	Sidewalk, Rem
341	Syd	Pavt, Rem, Brick, Salv, Modified
558	Cyd	Excavation, Earth
2	Ea	Erosion Control, Inlet Protection, Fabric Drop
82	Ft	Curb, Removal, Stone, Salv, Modified

VIRGINIA PARK ST

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



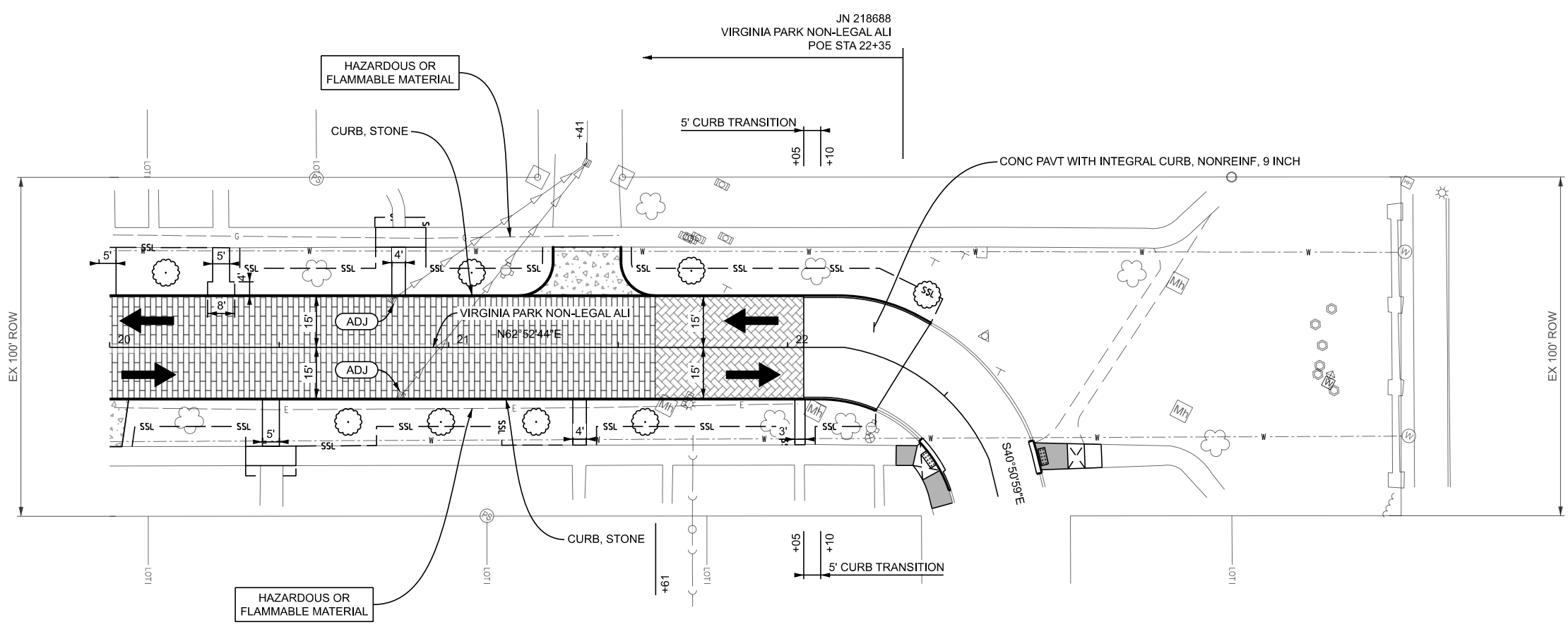
DATE: 03/05/25	CS:
DESIGN UNIT:	JN: 218688
TSC:	

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REMOVAL	
Virginia Pk STA 20+00 TO STA POE 22+35	
VIRGINIA PARK STREET	DRAWING SHEET
5	28



VIRGINIA PARK ST



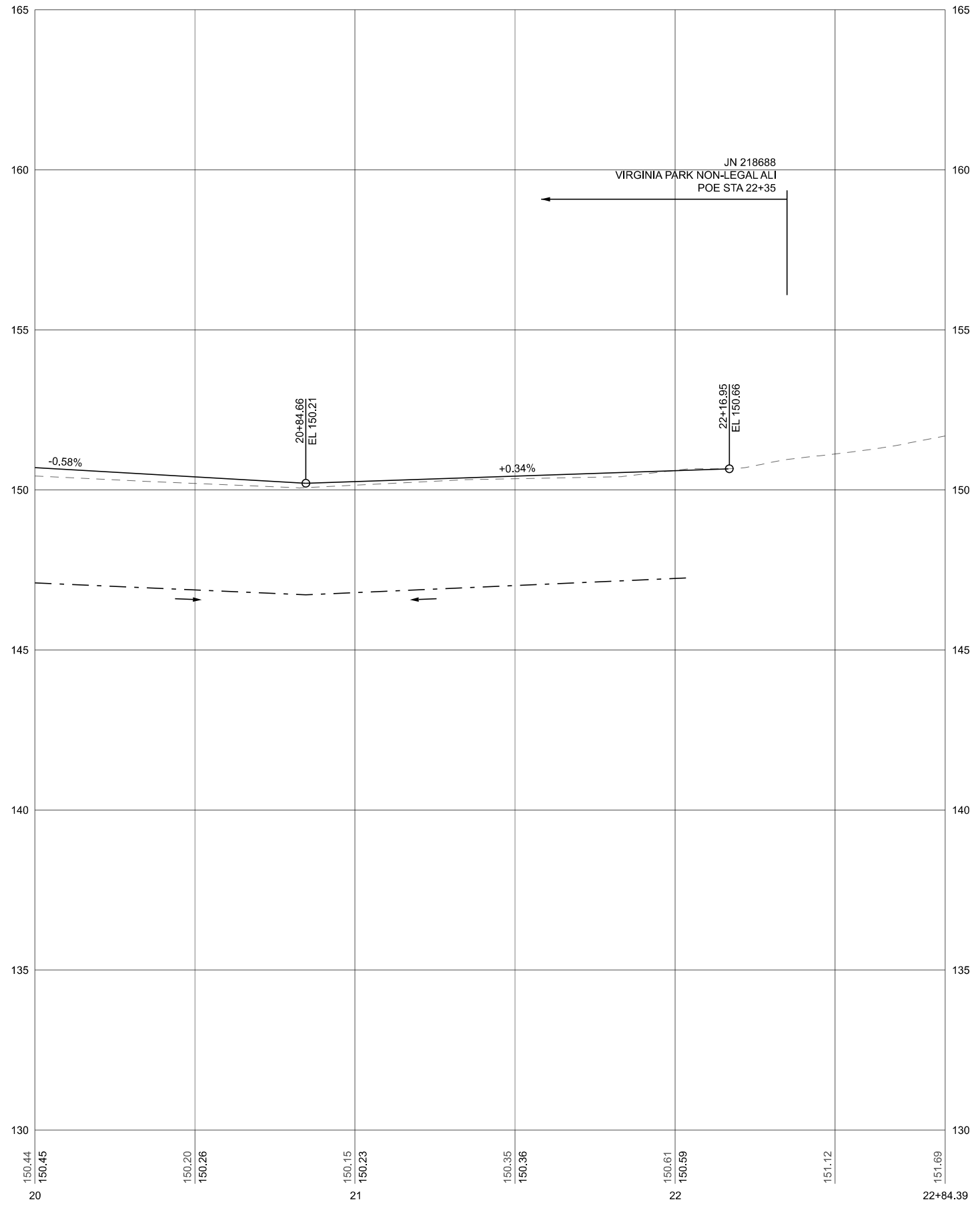
QUANTITIES THIS SHEET

JN 218688		
CAT 0001		
47	Cyd	Embankment, CIP
220	Cyd	Subbase, CIP
73	Syd	Aggregate Base, 4 inch
21	Syd	Aggregate Base, 6 inch
840	Syd	Aggregate Base, 8 inch
4	Ea	Dr Structure, Tap, 6 inch
398	Ft	Underdrain, Subbase, 6 inch
663	Syd	Conc Base Cse, Nonreinf, 8 inch
105	Syd	Conc Pavt with Integral Curb, Nonreinf, 9 inch
30	Ft	Joint, Expansion, E2
83	Ea	Curb, Stone, Off-Site
7	Ft	Conc Curb, Detail CD
16	Ft	Detectable Warning Surface
20	Ft	Curb Ramp Opening, Conc
559	Sft	Sidewalk, Conc, 4 inch
158	Sft	Curb Ramp, Conc, 6 inch
332	Syd	Pavt, Brick, Off-site
332	Syd	Pavt, Brck, Salv
16	Cyd	Horticultural Soil, Modified
96	Cyd	Structural Soil, Modified
17	Lb	Grass Seed Mix, Modified

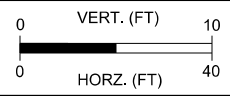
DRIVEWAY TABLE							Aggregate Base, 6 inch	Driveway, Nonreinf Conc, 8 inch
ALIGNMENT	STATION	BACK OFFSET FROM CL	PROP DRIVEWAY SLOPE	PROP DRIVEWAY WIDTH	RADIUS ENTERING	RADIUS EXITING		
Virginia Park	21+41 LT	30	-6.64%	35	10.0	10.0	Syd	Syd
TOTAL							40	36

VIRGINIA PARK RD

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:							DATE: 03/05/25 DESIGN UNIT: TSC:	CS: JN: 218688	CONSTRUCTION		DRAWING SHEET		
NO.	DATE	AUTH	DESCRIPTION						Virginia Pk STA 20+00 TO STA POE 22+35			Virginia Pk CON 5	SECT 1 29
									VIRGINIA PARK STREET				



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



DATE: 03/05/25
 DESIGN UNIT:
 TSC:
 FILE: 2301037_PROF_005.dgn

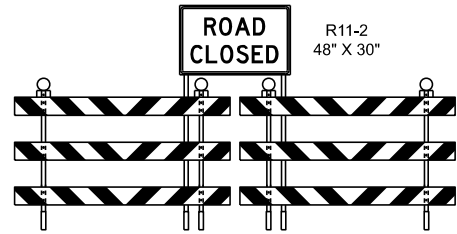
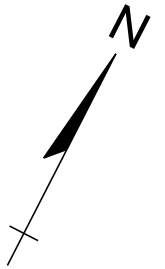
CS:
 JN: 218688

PROFILE
 Virginia Pk STA 20+00 TO STA POE 22+35
 VIRGINIA PARK STREET

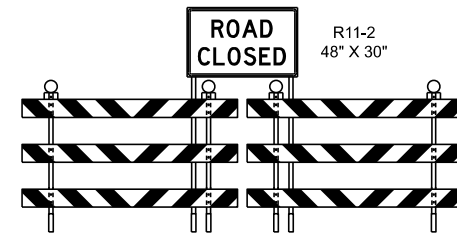
DRAWING SHEET
 Virginia Pk PROF 5 SECT 1 30

3RD AVE

2ND AVE



ERECT R11-2 BEHIND BARRICADE ON SEPARATE SIGN SUPPORTS. SUPPLY ENOUGH TYPE III BARRICADES TO COMPLETELY CLOSE ROAD BETWEEN SHOULDER EDGES OR CURB FACES.



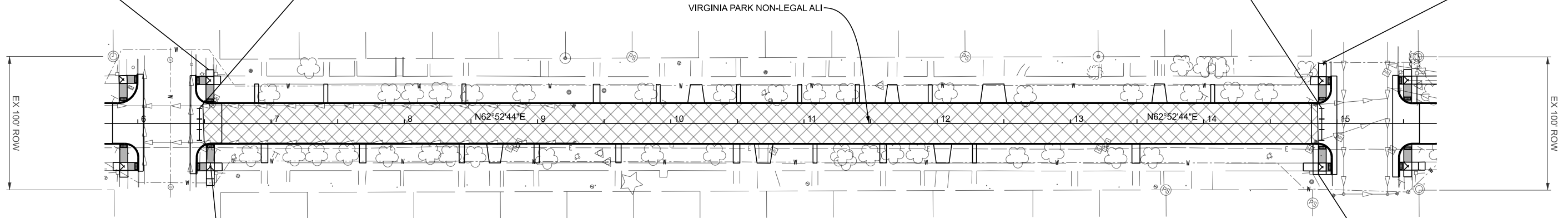
ERECT R11-2 BEHIND BARRICADE ON SEPARATE SIGN SUPPORTS. SUPPLY ENOUGH TYPE III BARRICADES TO COMPLETELY CLOSE ROAD BETWEEN SHOULDER EDGES OR CURB FACES.

R9-9 (24\"/>

R9-9 (24\"/>

VIRGINIA PARK ST

VIRGINIA PARK ST



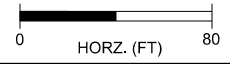
R9-9 (24\"/>

R9-9 (24\"/>

3RD AVE

2ND AVE

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



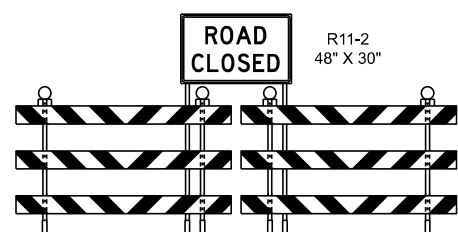
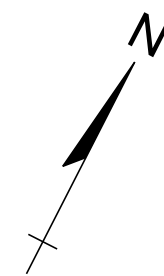
DATE: 03/05/25
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 TSC:
 FILE: 218688_VIRGINIA_MTSTG2.dgn

CS:
 JN: 218688

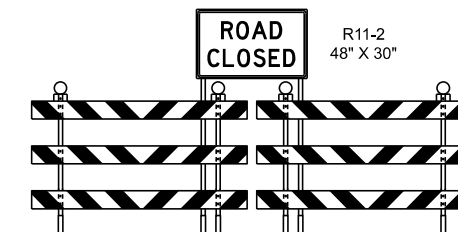
MAINTAINING TRAFFIC STAGE 2
 Virginia Pk STA 5+75 TO STA 15+75
 VIRGINIA PARK STREET

DRAWING SHEET
 Virginia Pk MTSTG 2
 SECT 1
 32

3RD AVE



ERECT R11-2 BEHIND BARRICADE ON SEPARATE SIGN SUPPORTS. SUPPLY ENOUGH TYPE III BARRICADES TO COMPLETELY CLOSE ROAD BETWEEN SHOULDER EDGES OR CURB FACES.

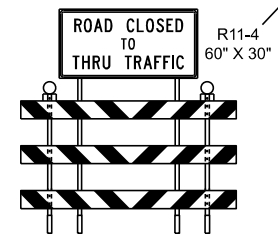
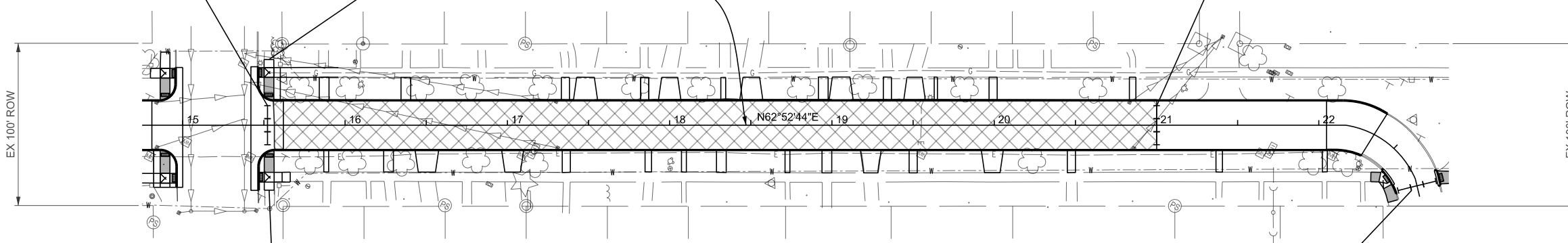


ERECT R11-2 BEHIND BARRICADE ON SEPARATE SIGN SUPPORTS. SUPPLY ENOUGH TYPE III BARRICADES TO COMPLETELY CLOSE ROAD BETWEEN SHOULDER EDGES OR CURB FACES.

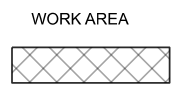
R9-9 (24" X 12")
2 SFT SIGN, TYPE IIIB
FT 1-POST, STEEL, 3 POUND

R9-9 (24" X 12")
2 SFT SIGN, TYPE IIIB
FT 1-POST, STEEL, 3 POUND

VIRGINIA PARK NON-LEGAL ALI



ERECT R11-4 BEHIND BARRICADE ON SEPARATE SIGN SUPPORTS. PLACE TYPE III BARRICADE AND R11-4 ON THE SHOULDER.



3RD AVE

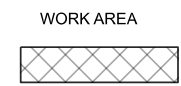
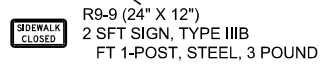
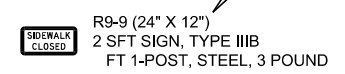
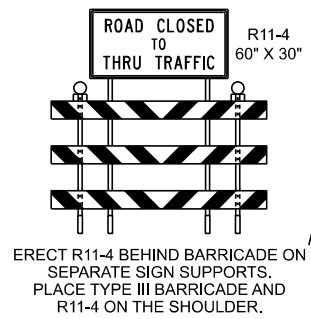
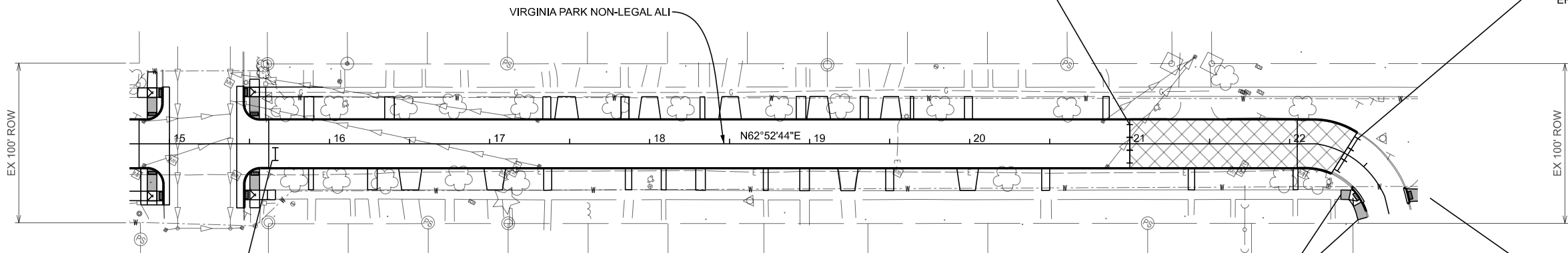
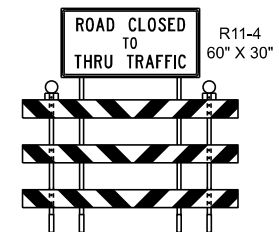
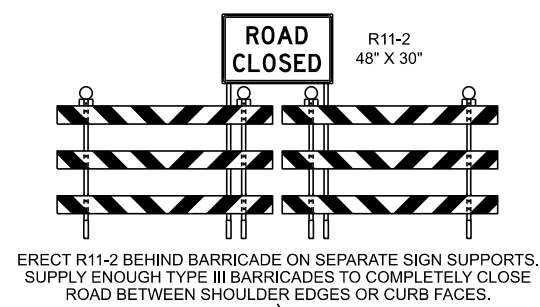
VIRGINIA PARK ST

FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:		INFRAS	INFRASTRUCTURE ENGINEERING	City of Detroit	0 80 HORZ. (FT)	DATE: 03/05/25	CS:	JN: 218688	TSC:	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	NO.	DATE									

MAINTAINING TRAFFIC STAGE 3
Virginia Pk STA 14+75 TO STA 22+35
VIRGINIA PARK STREET

Virginia Pk
MTSTG
3
SECT 1
33

3RD AVE



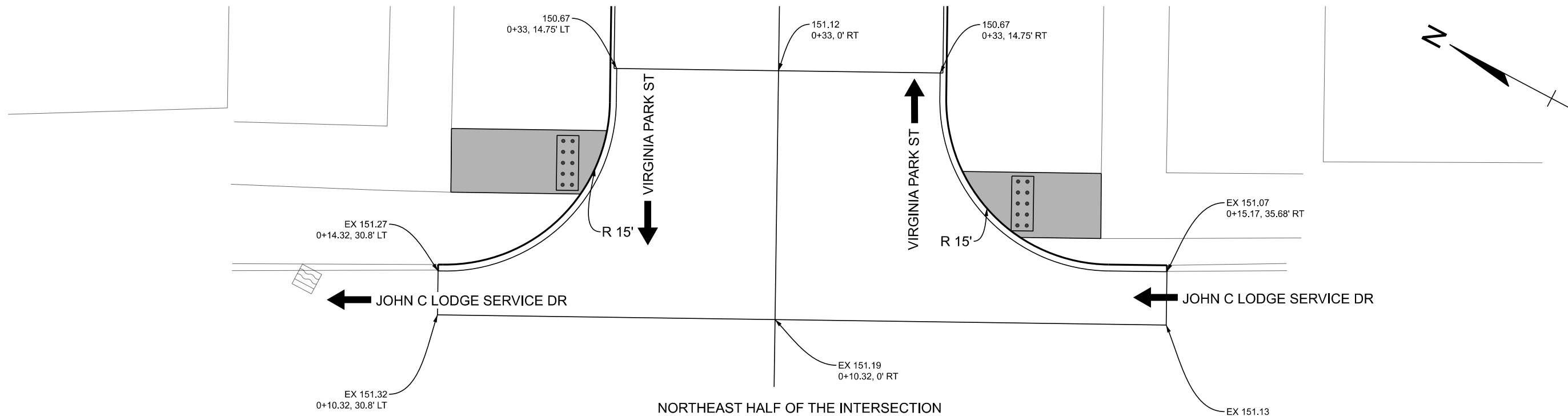
3RD AVE

VIRGINIA PARK ST

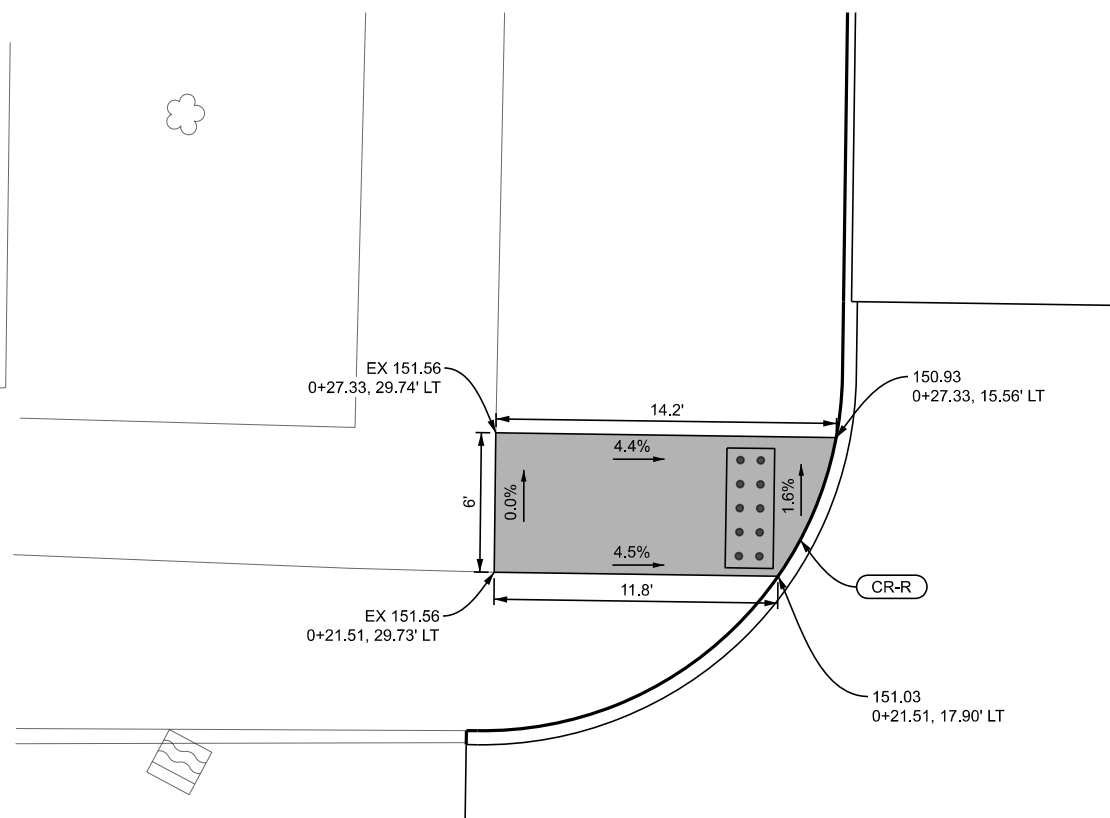
FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:					DATE: 03/05/25	CS:	MAINTAINING TRAFFIC STAGE 4 Virginia Pk STA 14+75 TO STA 22+35 VIRGINIA PARK STREET	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	DESIGN UNIT:	JN: 218688				Virginia Pk MTSTG 4	SECT 1 34		

FILE: 218688_VIRGINIA_MTSTG4.dgn

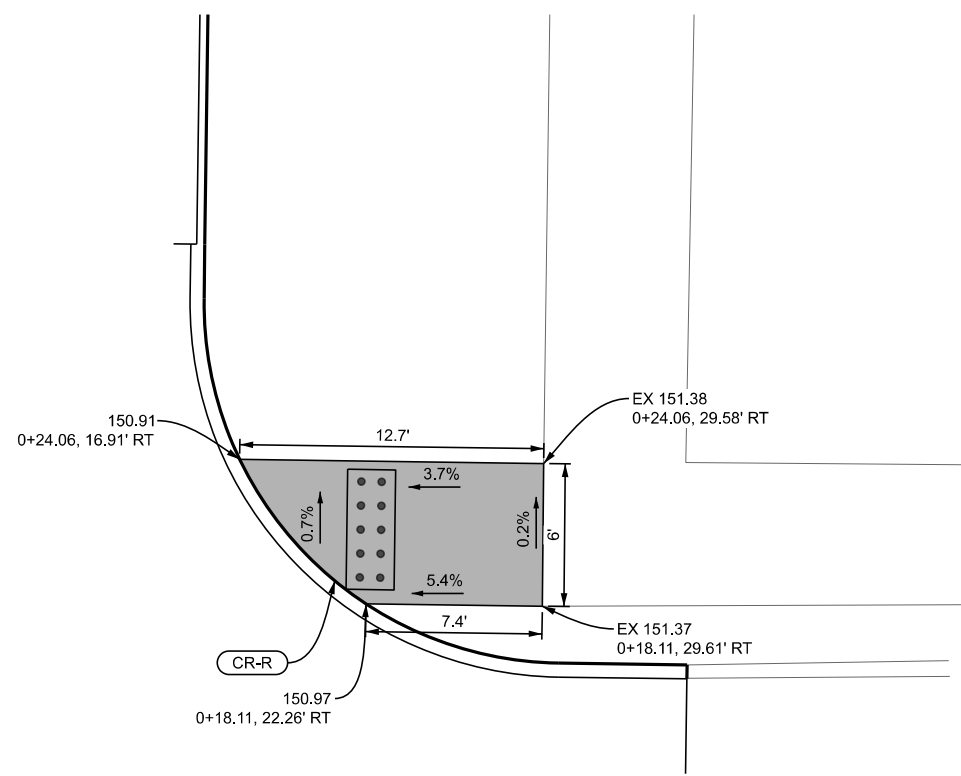
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NORTHEAST HALF OF THE INTERSECTION

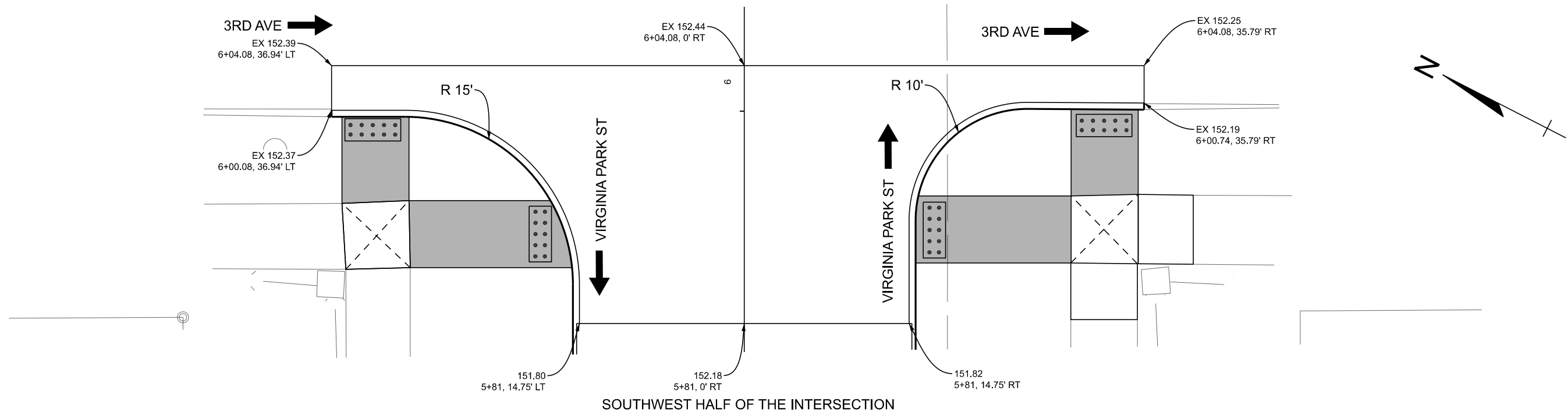


SIDEWALK RAMP DETAIL - NORTH QUADRANT

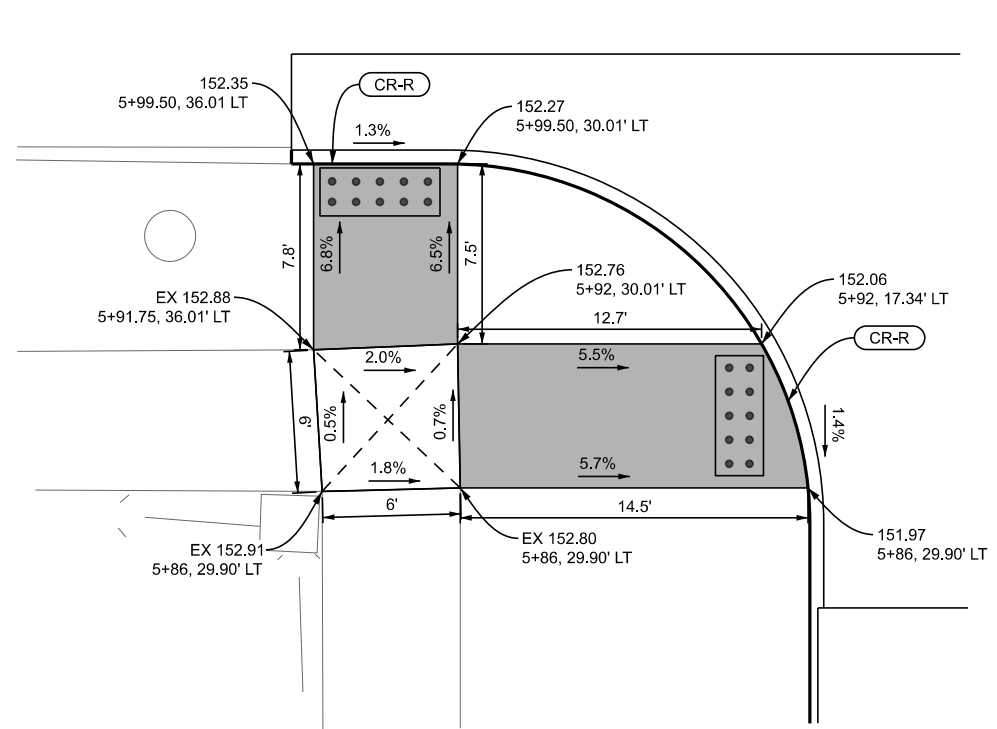


SIDEWALK RAMP DETAIL - SE QUADRANT

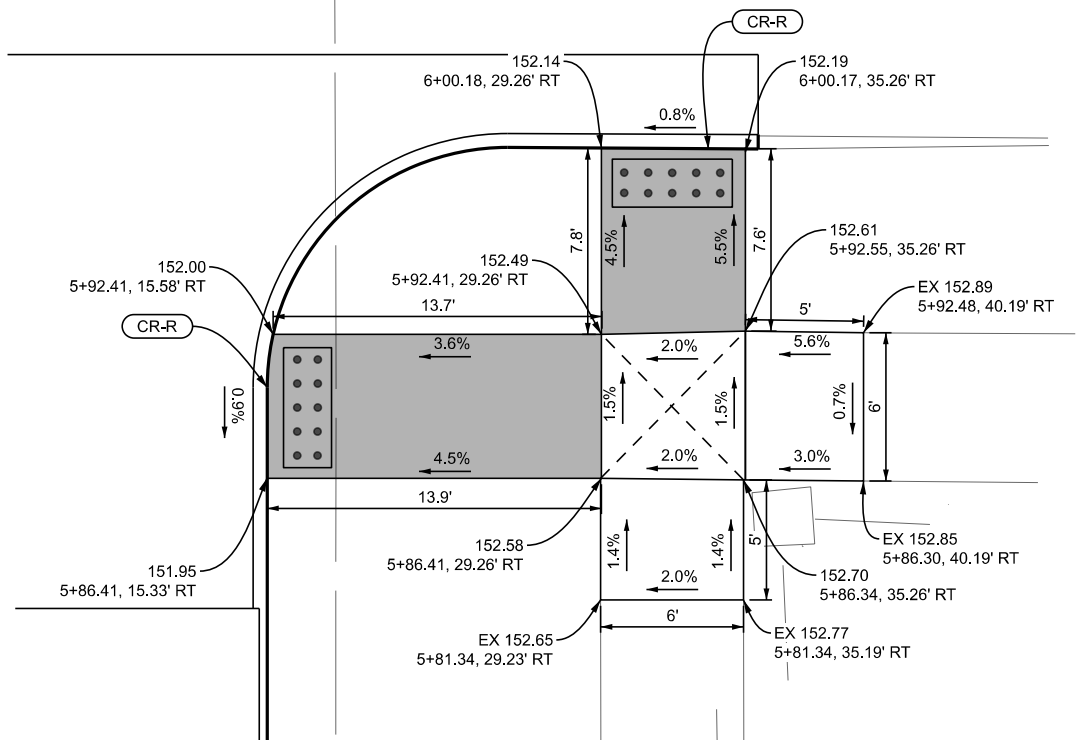
FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				INFRASTRUCTURE ENGINEERING <small>300 W. Grand Blvd. Suite 300 Detroit, MI 48222 P: 313.466.1100 F: 313.466.1101</small>	City of Detroit	0 VERT. (FT)		DATE: 03/05/25	CS:	DETAIL GRADES		DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION			0 HORZ. (FT) 10				DESIGN UNIT:	JN: 218688	
													VIRGINIA PARK STREET			
FILE: 2301037_DETGRD001.dgn											TSC:					



SOUTHWEST HALF OF THE INTERSECTION



SIDEWALK RAMP DETAIL - NW QUADRANT

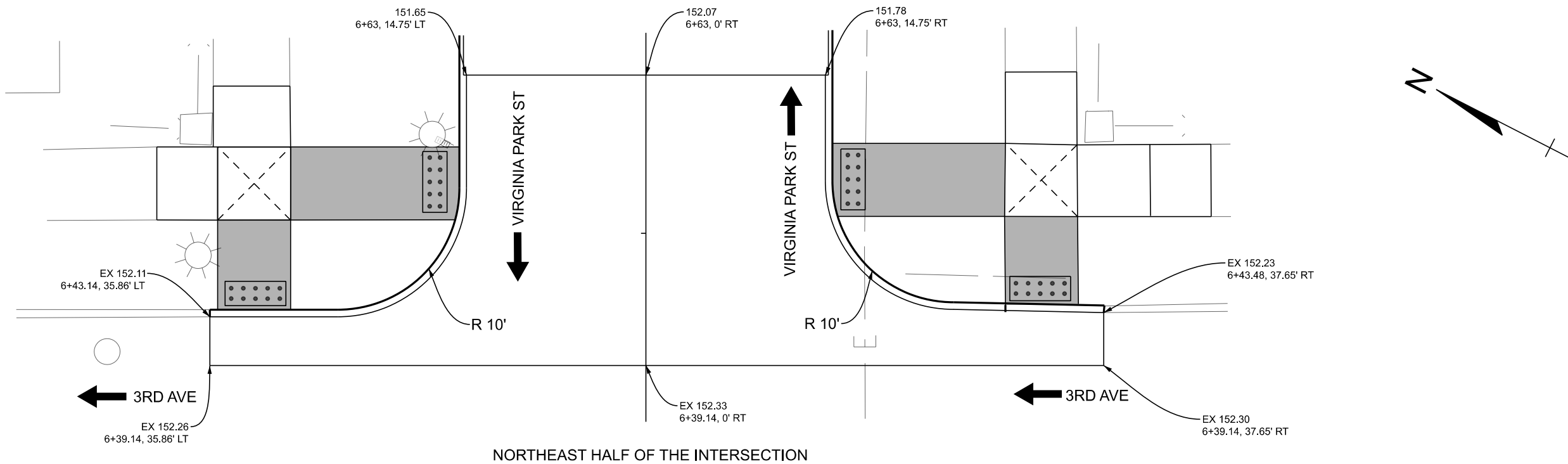


SIDEWALK RAMP DETAIL - SOUTH QUADRANT

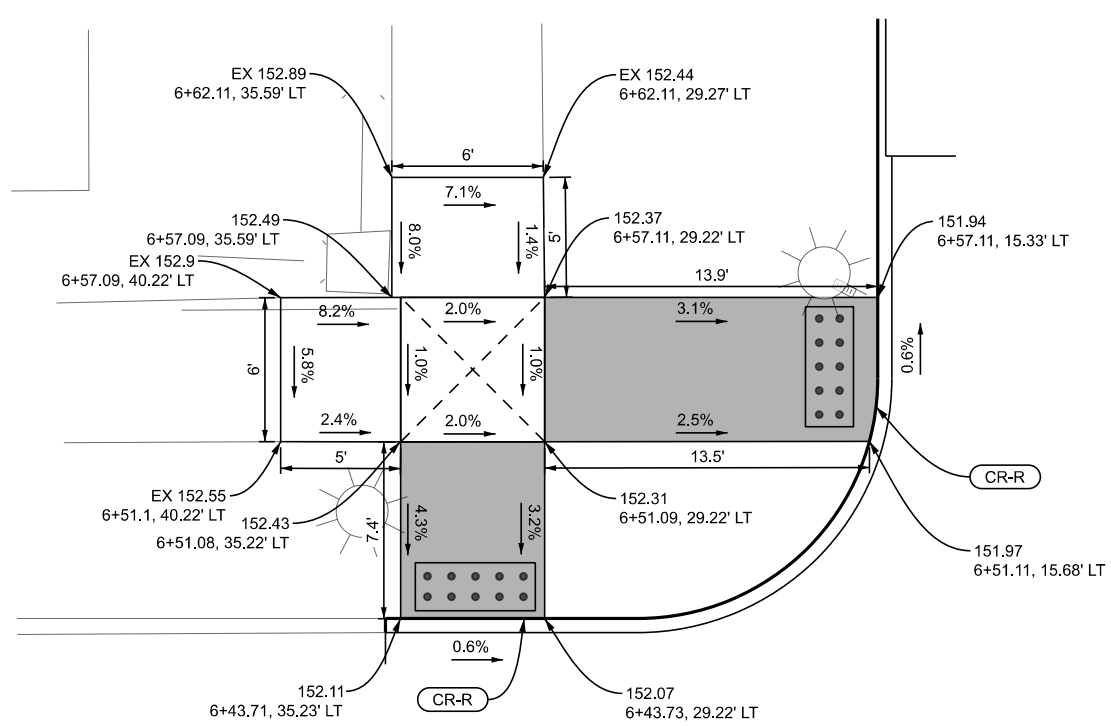
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NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION						DESIGN UNIT:	JN: 218688	
													VIRGINIA PARK STREET		

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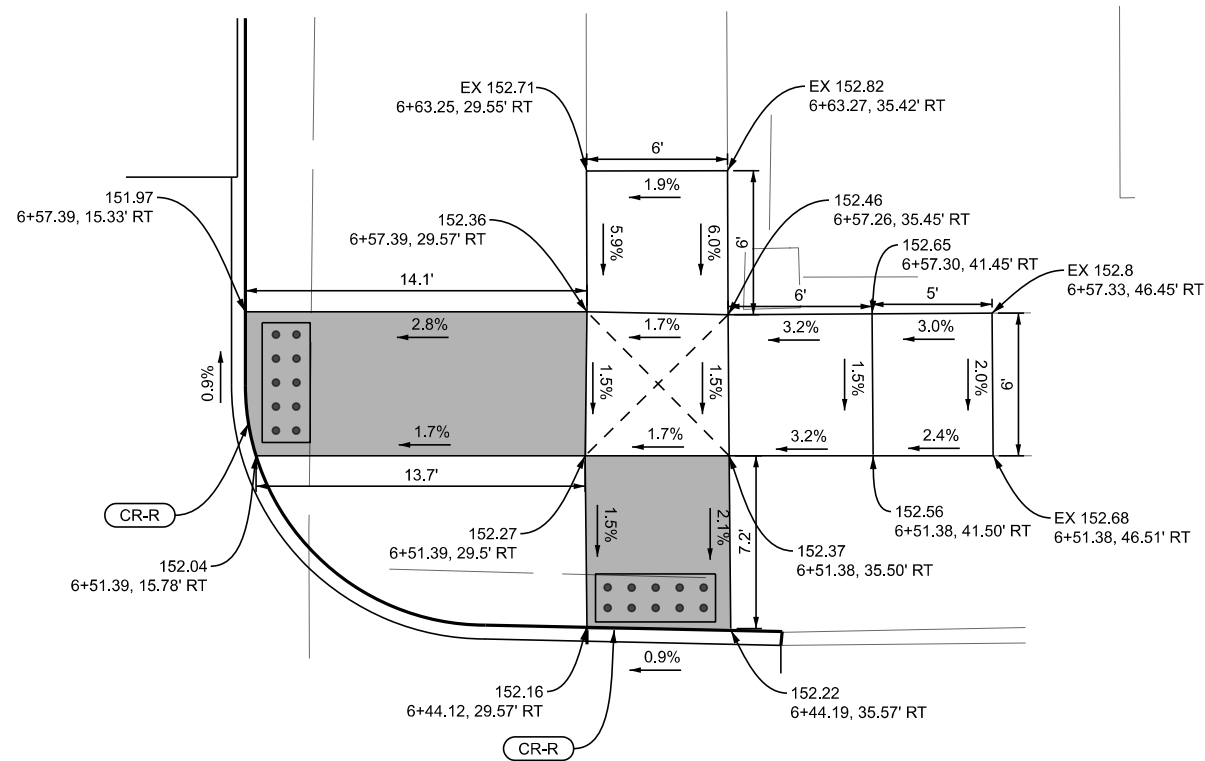
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NORTHEAST HALF OF THE INTERSECTION

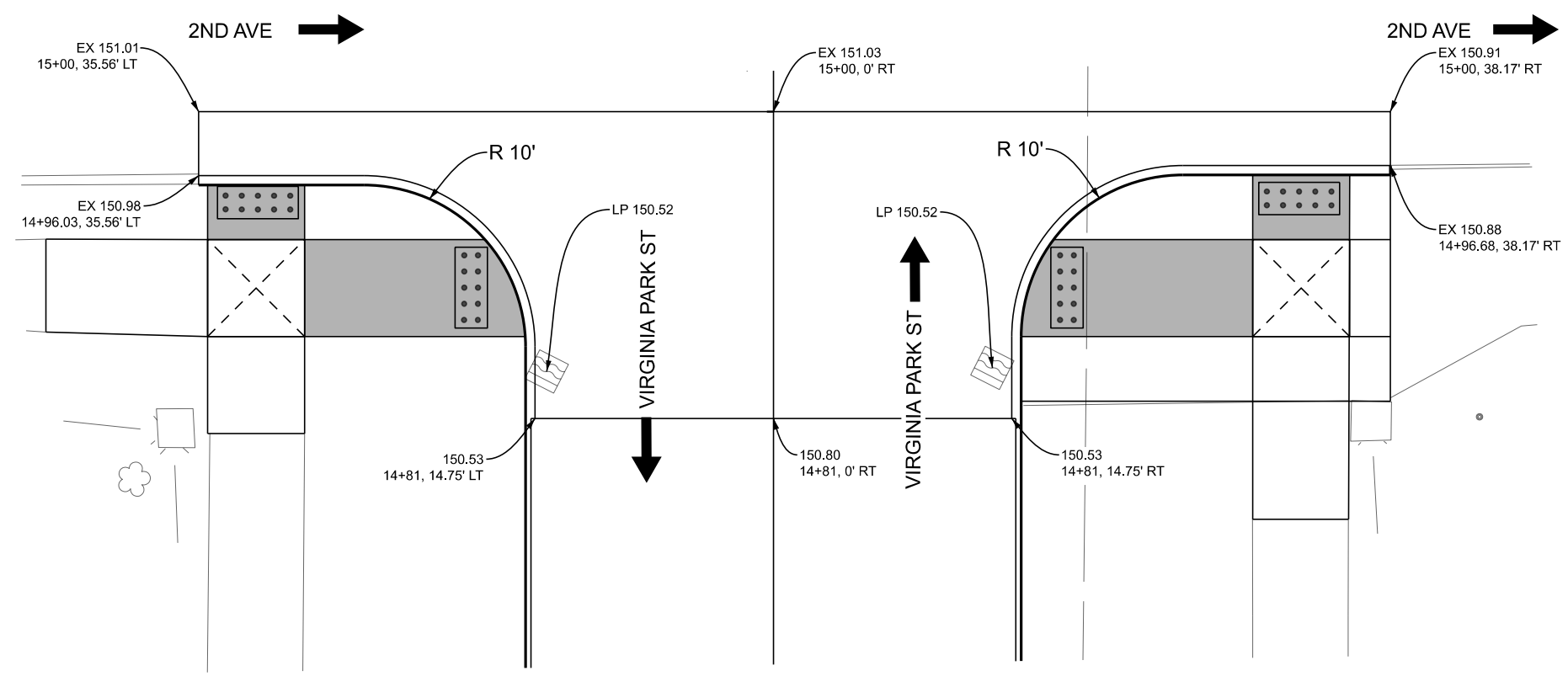


SIDEWALK RAMP DETAIL - NORTH QUADRANT

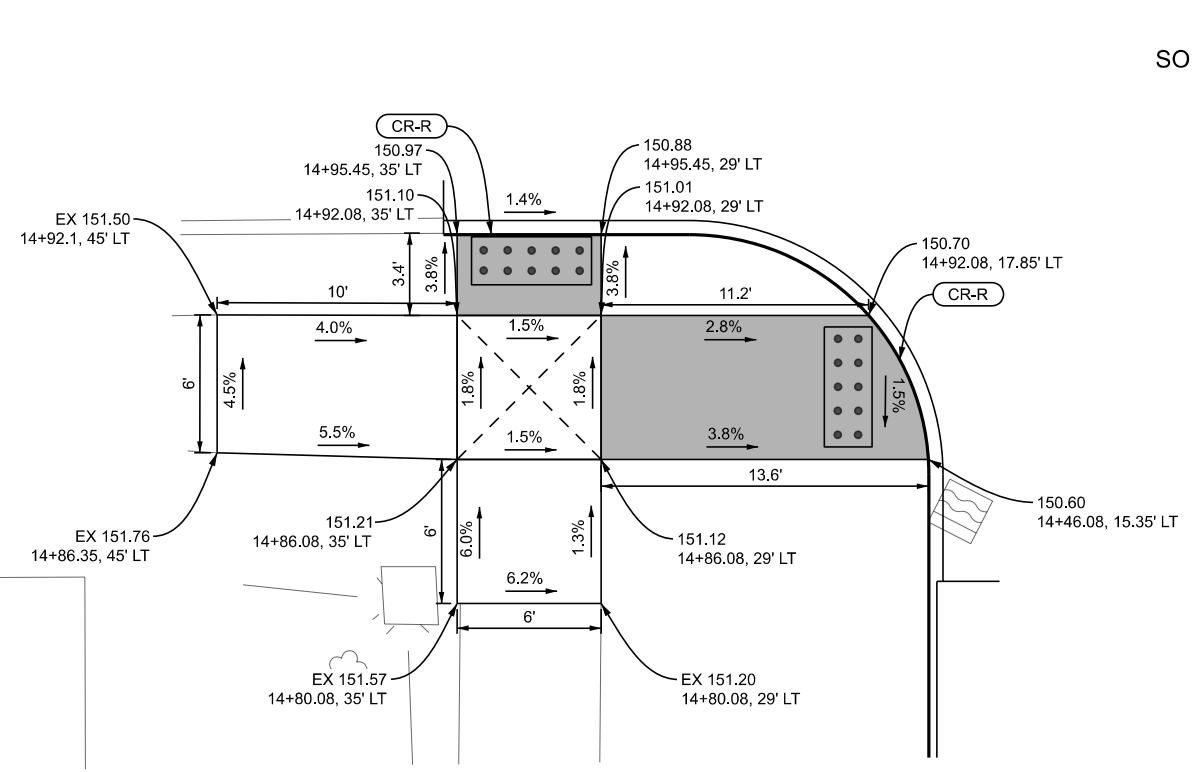


SIDEWALK RAMP DETAIL - SE QUADRANT

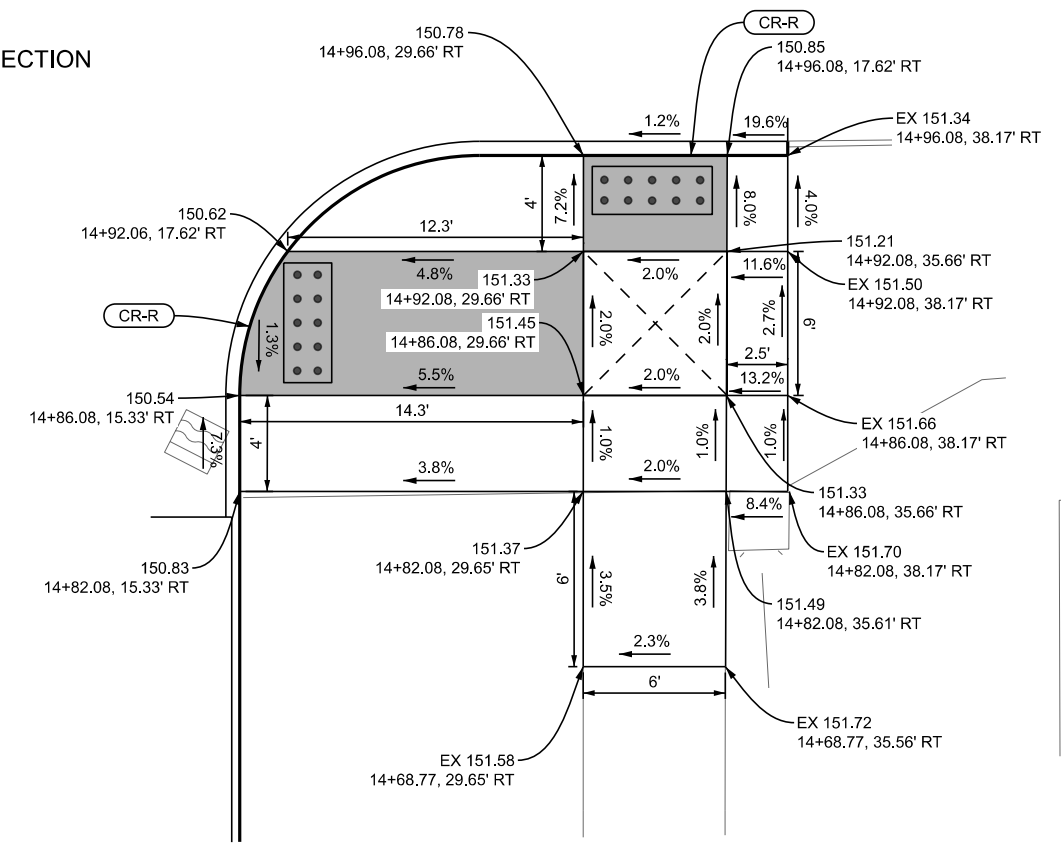
FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:		 INFRASTRUCTURE ENGINEERING	 City of Detroit	VERT. (FT)		DATE: 03/05/25	CS:	DETAIL GRADES		DRAWING	SHEET		
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION			 0 10 HORZ. (FT)		DESIGN UNIT:	JN: 218688	NE INTERSECTION OF VIRGINIA PK AND 3RD AVE		Virginia Pk	SECT 1		
												VIRGINIA PARK STREET		DETGRD	37				
												FILE: 2301037_DETGRD003.dgn		TSC:				3	



SOUTHWEST HALF OF THE INTERSECTION

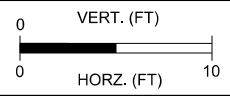


SIDEWALK RAMP DETAIL - NW QUADRANT



SIDEWALK RAMP DETAIL - SOUTH QUADRANT

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION

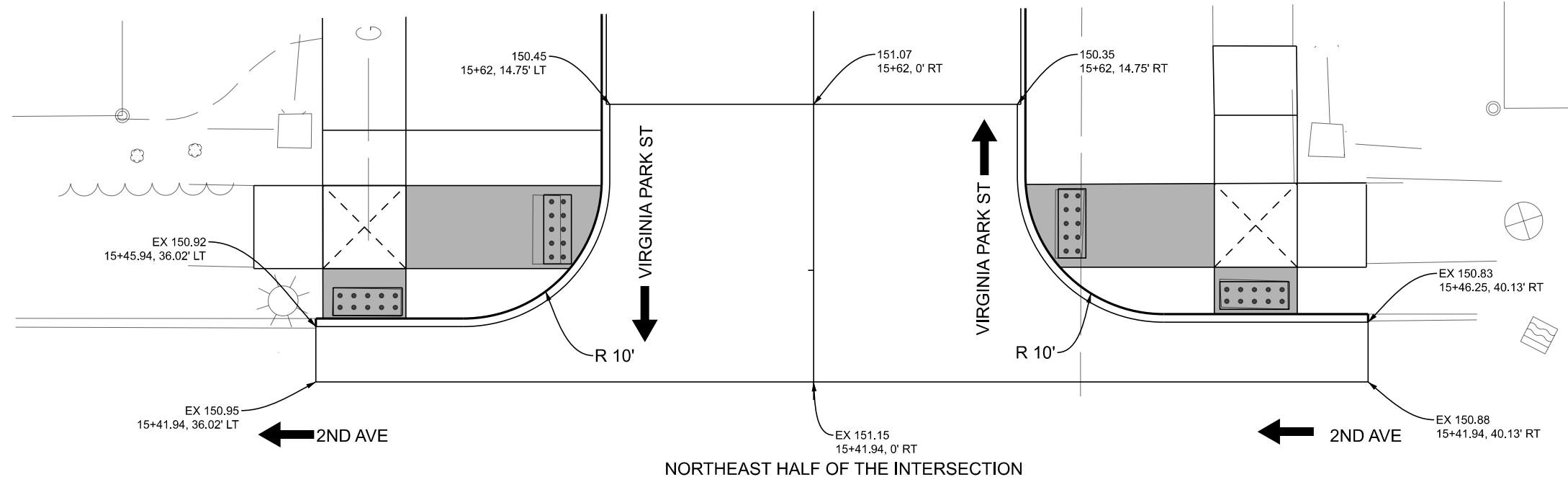


DATE: 03/05/25
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 TSC:
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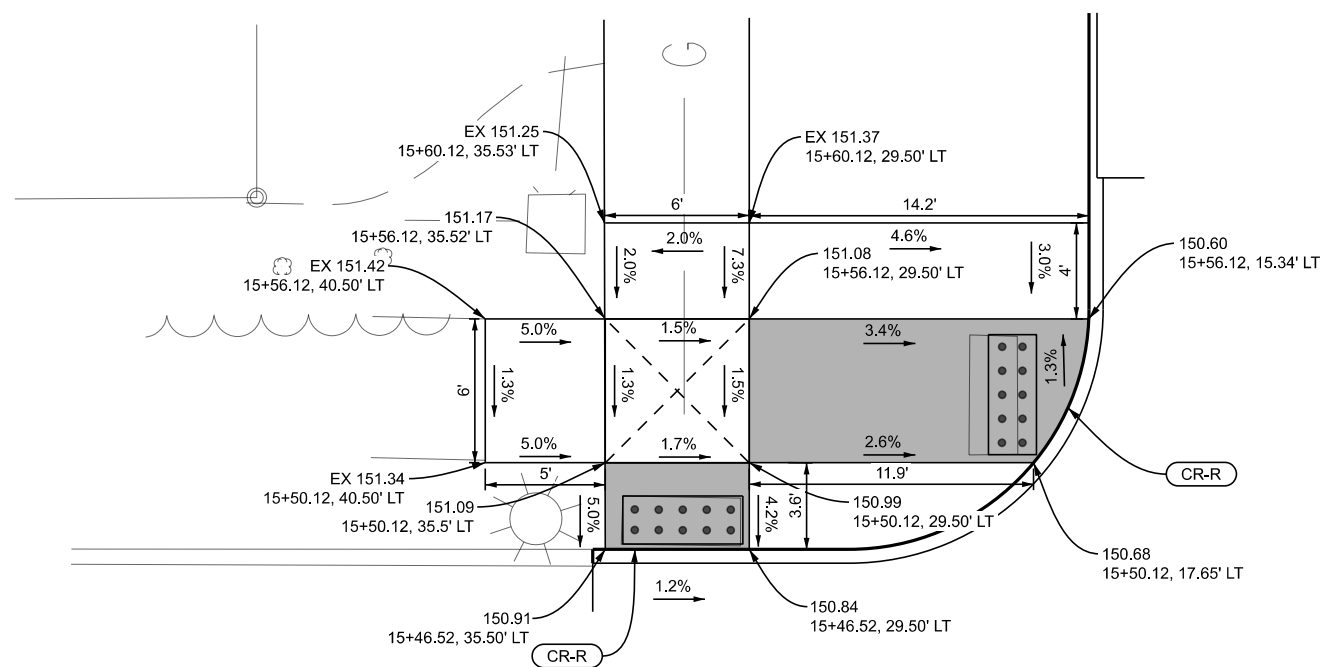
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DETAIL GRADES
 SW INTERSECTION OF VIRGINIA PK AND 2ND AVE
 VIRGINIA PARK STREET

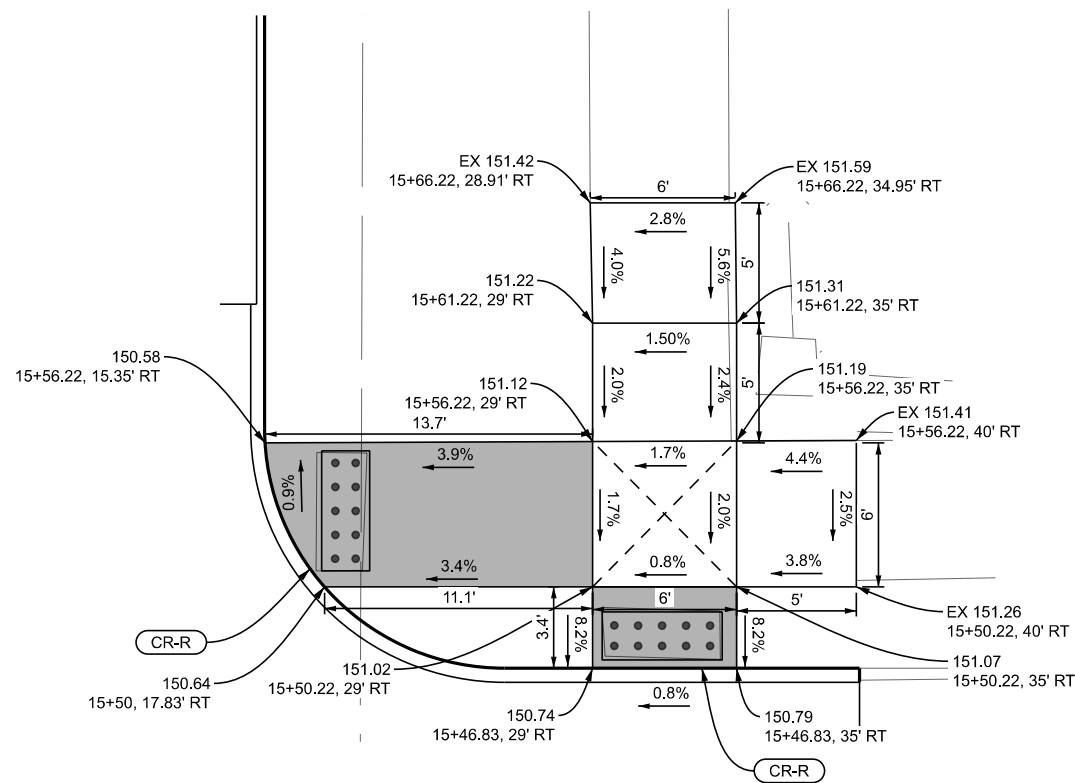
DRAWING SHEET
 Virginia Pk DETGRD 4
 SECT 1 38



NORTHEAST HALF OF THE INTERSECTION



SIDEWALK RAMP DETAIL - NORTH QUADRANT



SIDEWALK RAMP DETAIL - SE QUADRANT

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:		MDOT		VERT. (FT)		DATE: 03/05/25		CS:		DETAIL GRADES		DRAWING SHEET	
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	NE INTERSECTION OF VIRGINIA PK AND 2ND AVE		Virginia Pk	SECT 1
												VIRGINIA PARK STREET		DETGRD	39
														5	

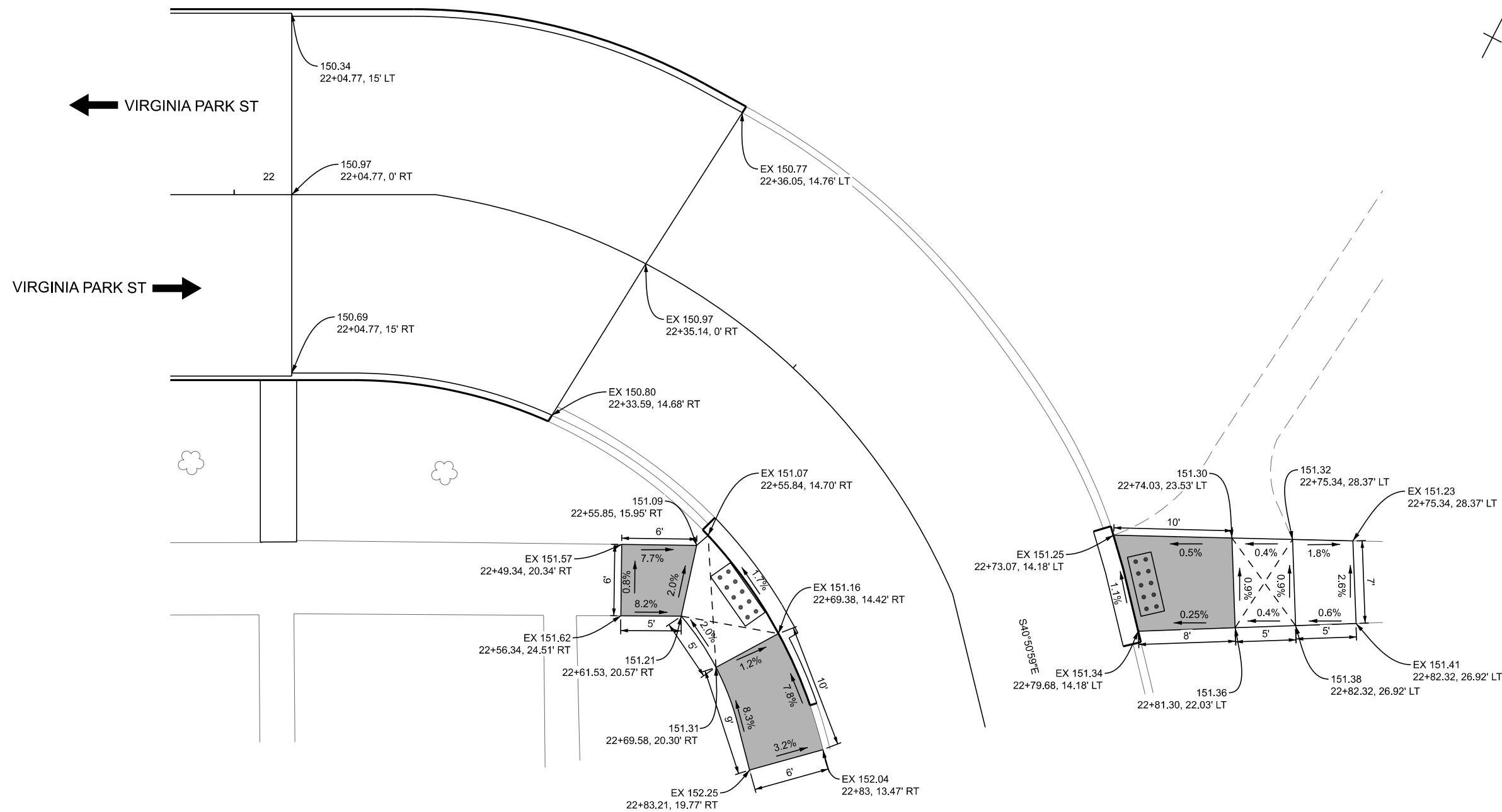
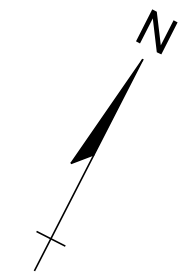
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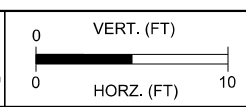
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JN: 218688

39



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION

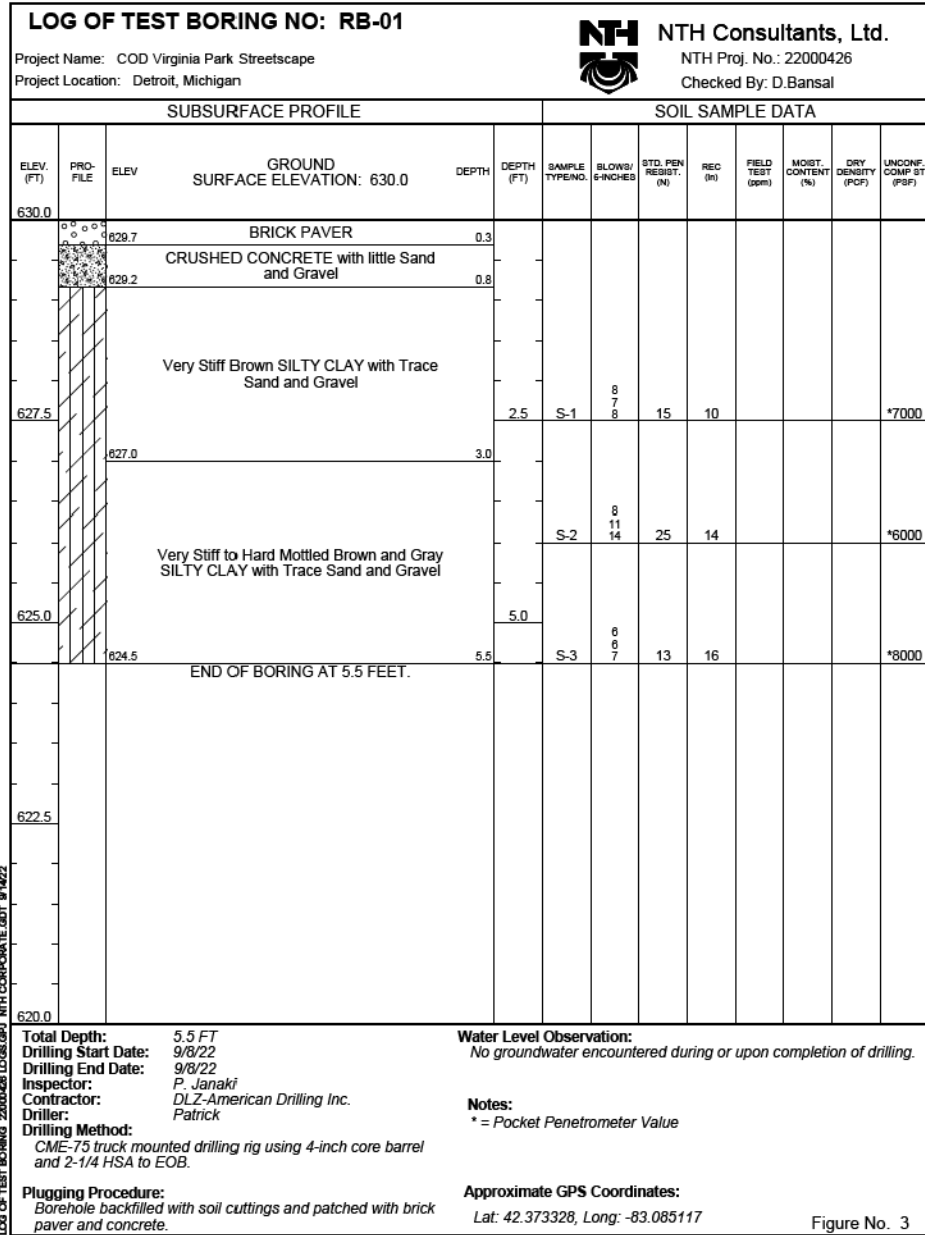


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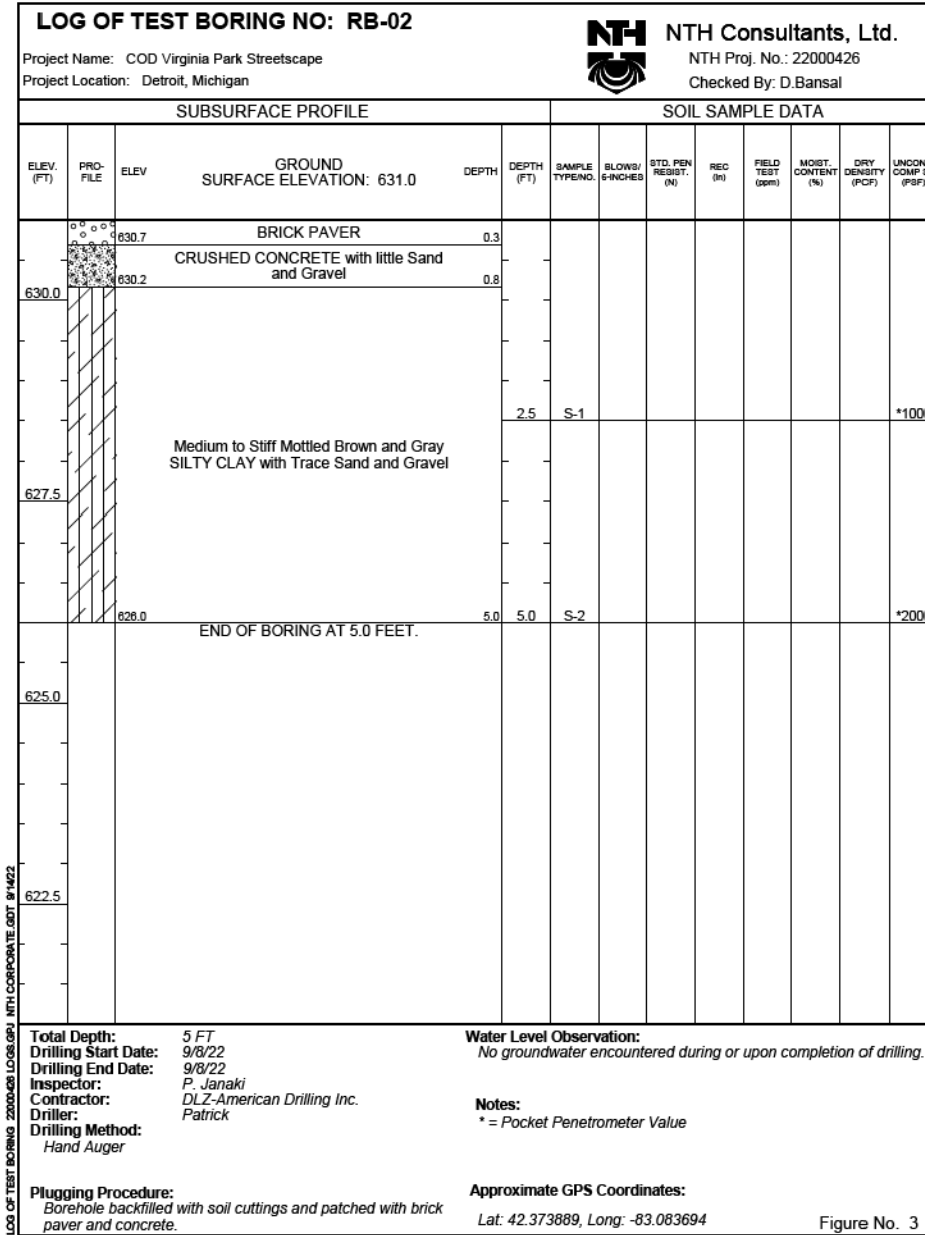
CS:
 JN: 218688

DETAIL GRADES
 VIRGINIA PK POE
 VIRGINIA PARK STREET

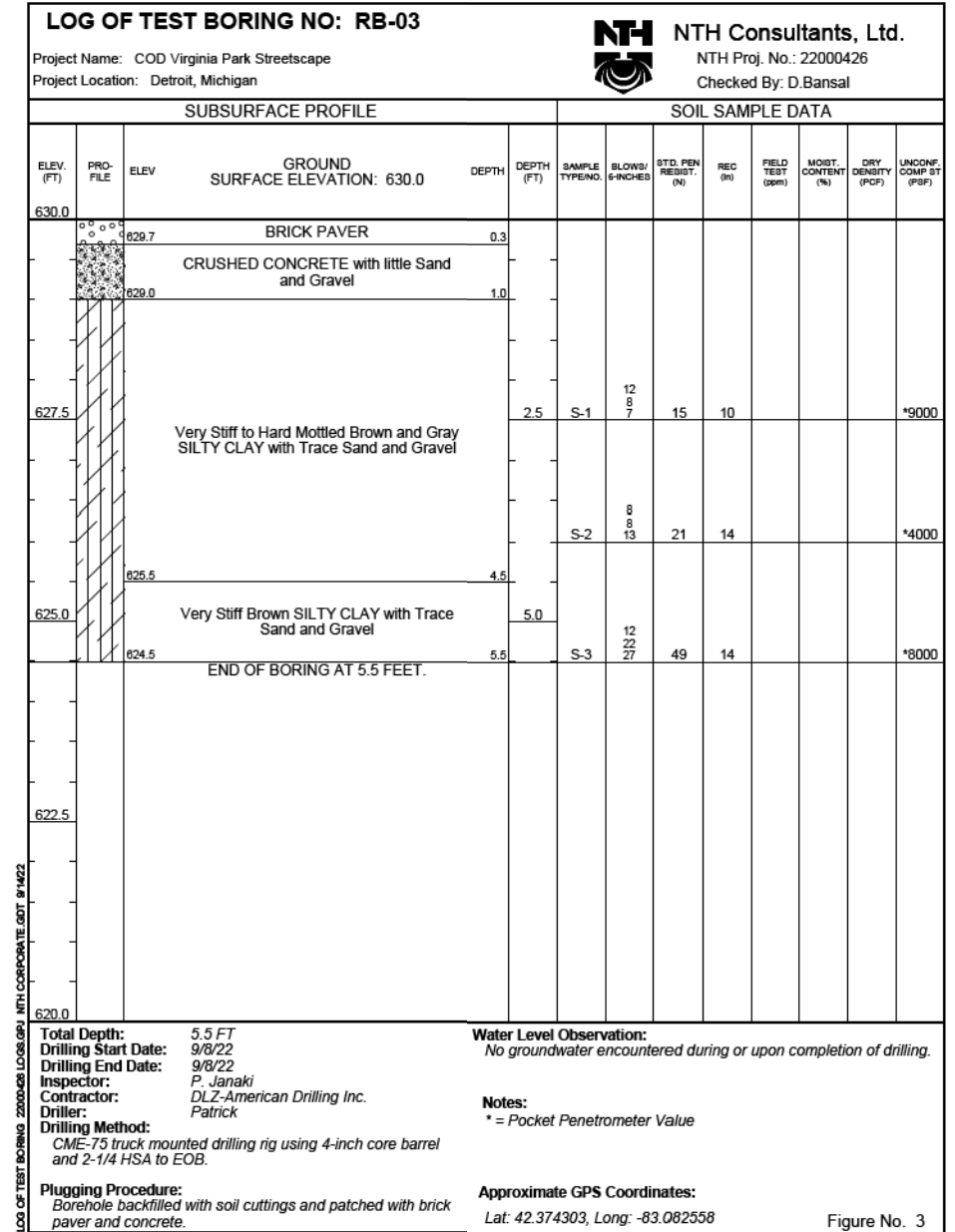
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 Virginia Pk DETGRD 6
 SECT 1
 40





LOG OF TEST BORING 22000426 NTH-CORPORATE LOG #1422

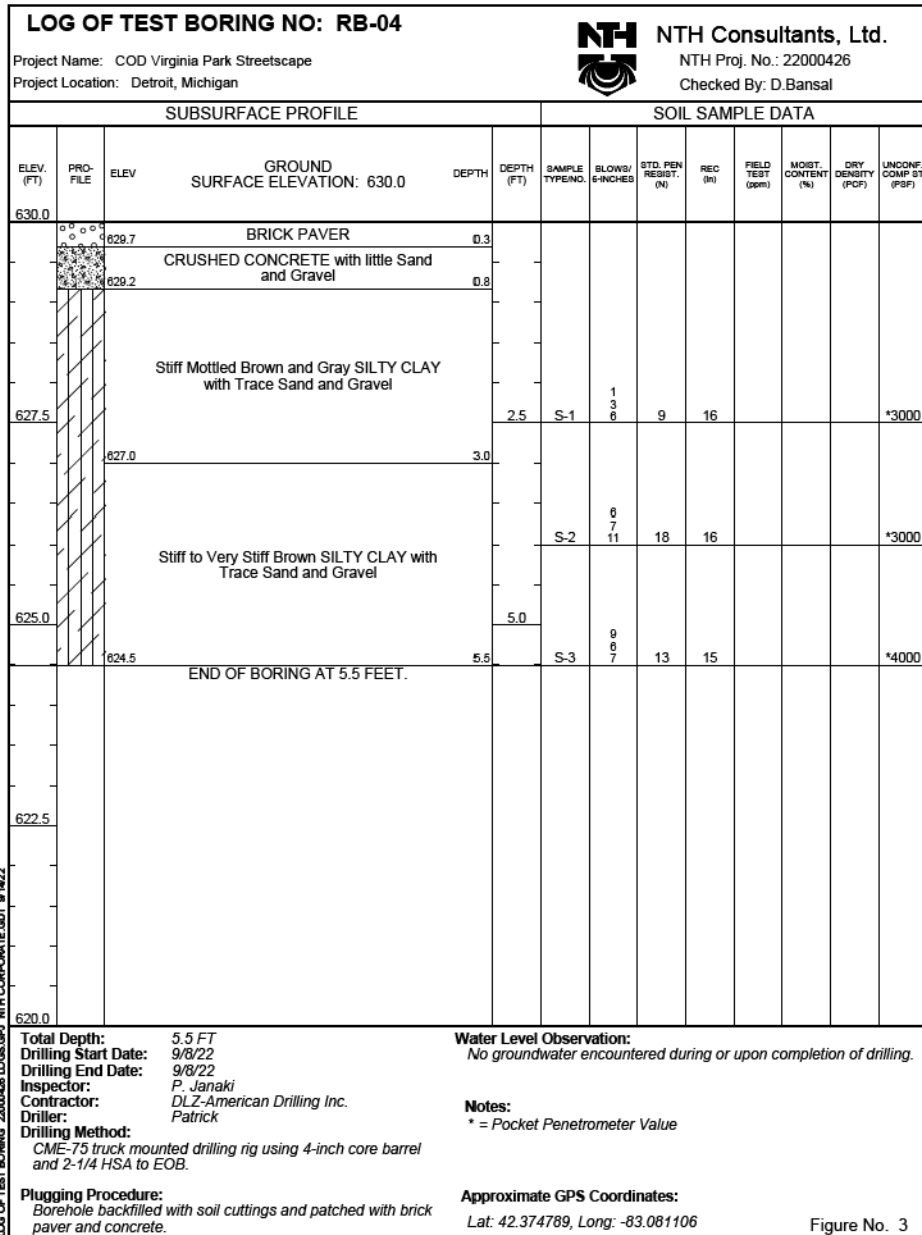


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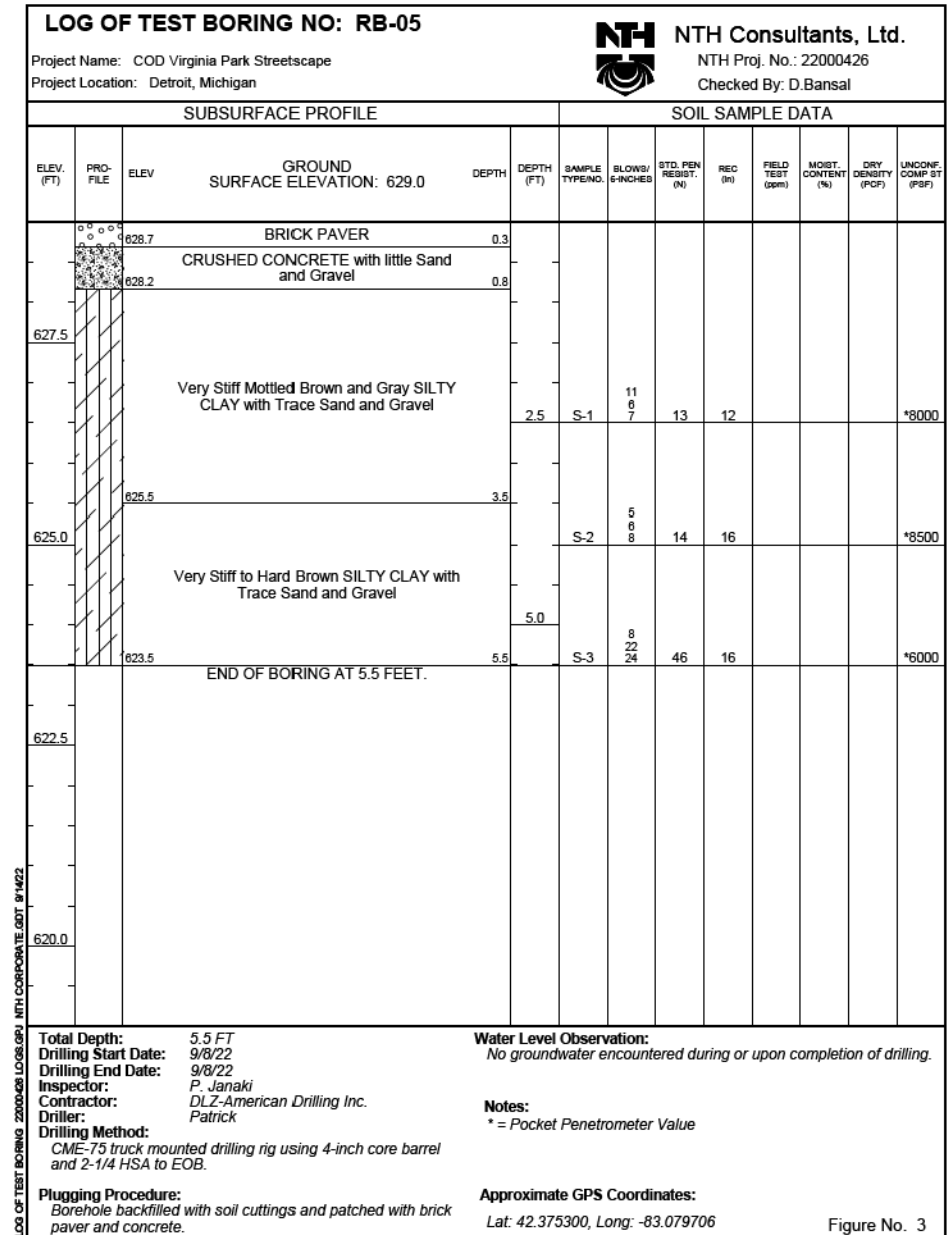


LOG OF TEST BORING 22000426 NTH-CORPORATE LOG #1422

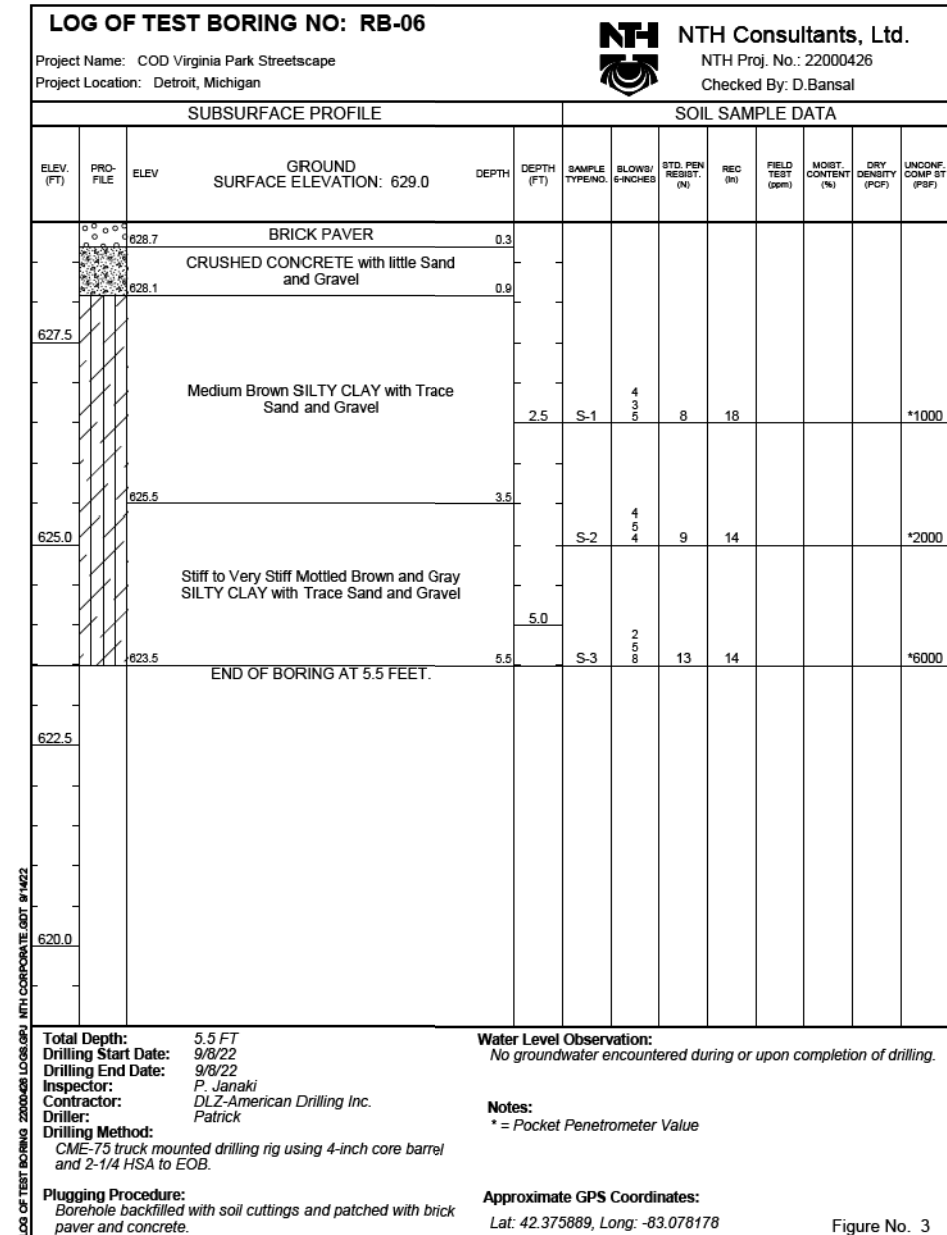
FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				 INFRASTRUCTURE ENGINEERING <small>201 N. Grand Blvd. Suite 100 Detroit, MI 48226 (313) 487-1100 www.infrastructureeng.com</small>		DATE: 03/05/25	CS:	LOG OF BORINGS		DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION			DESIGN UNIT:	JN: 218688	Virginia Pk STA 0+10 TO STA POE 22+35	Virginia Pk BORING 1	
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Sheet 1 of 1

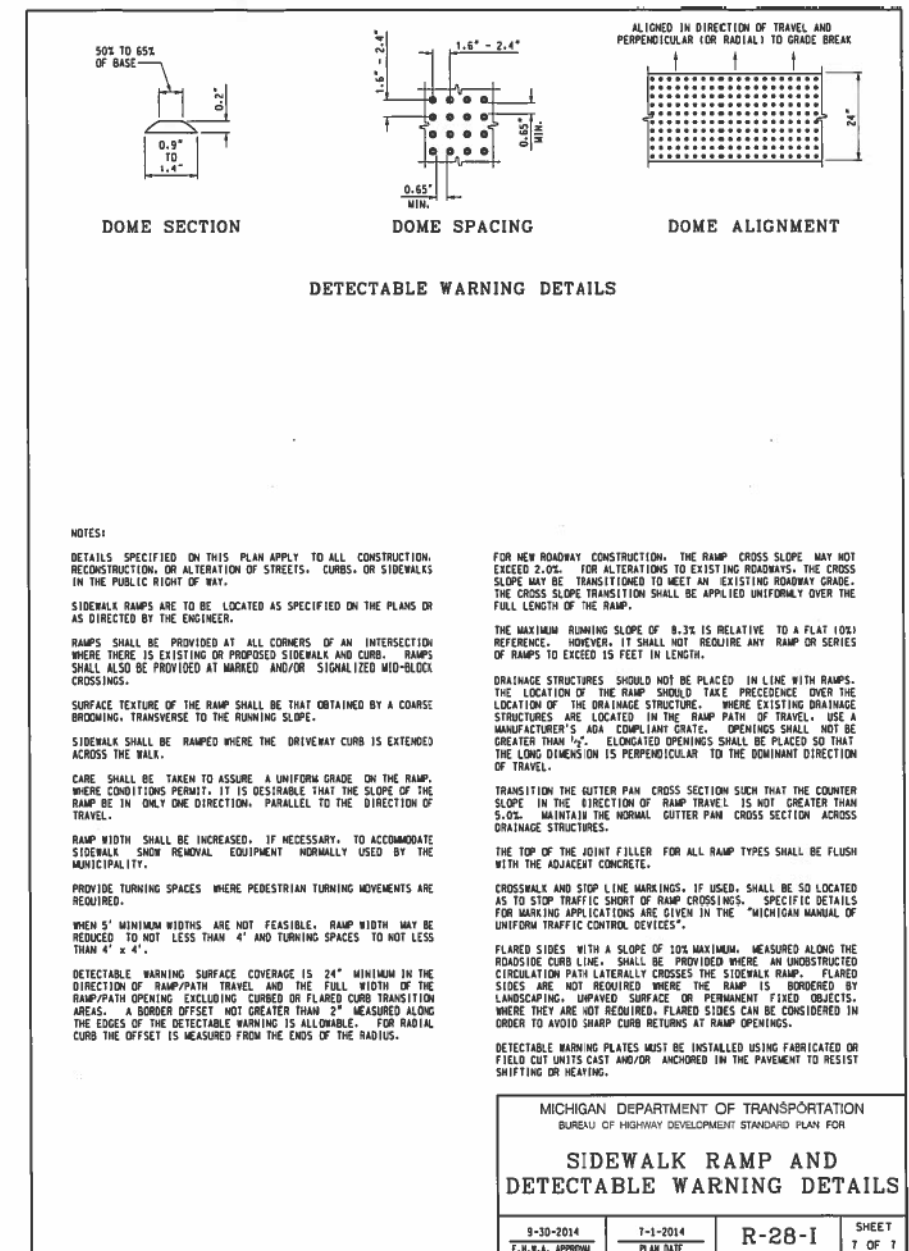
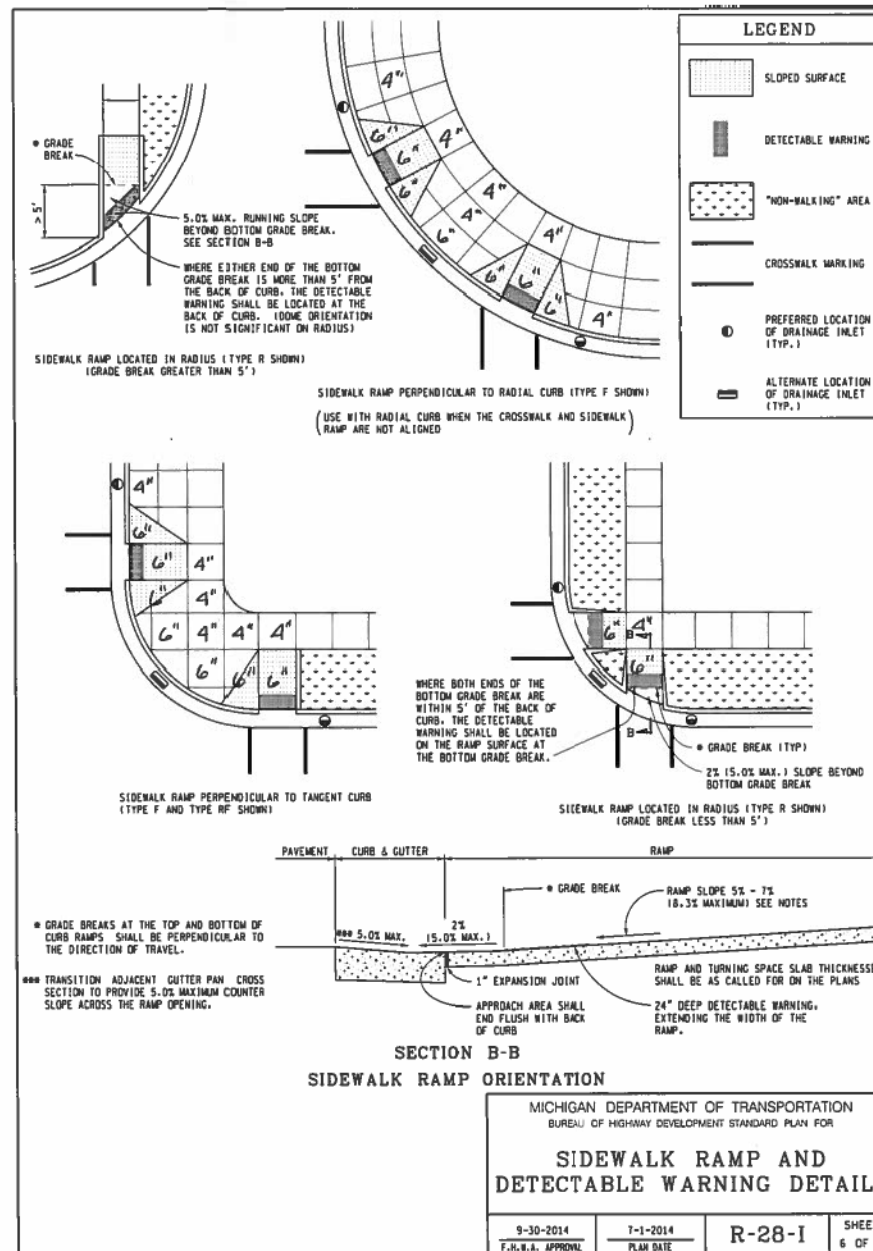
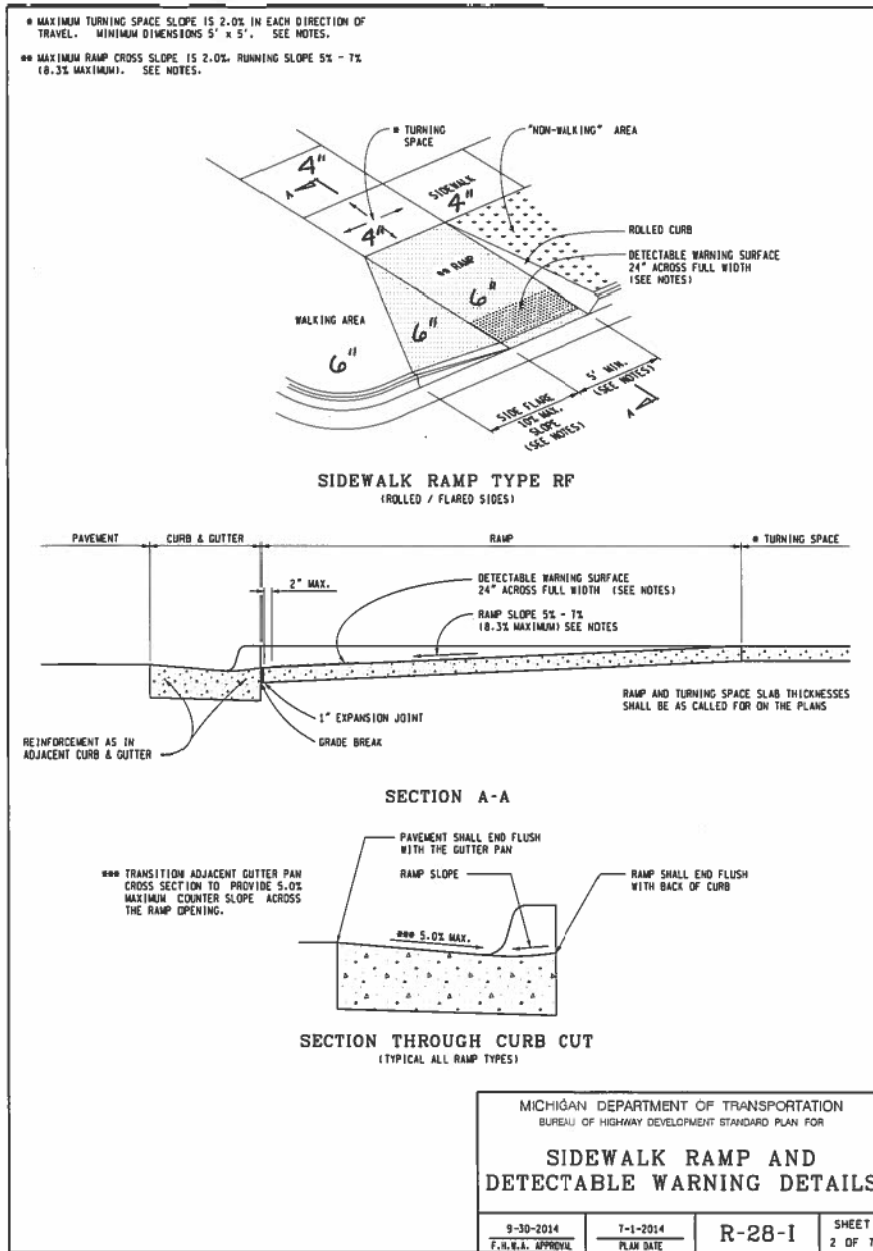


Sheet 1 of 1



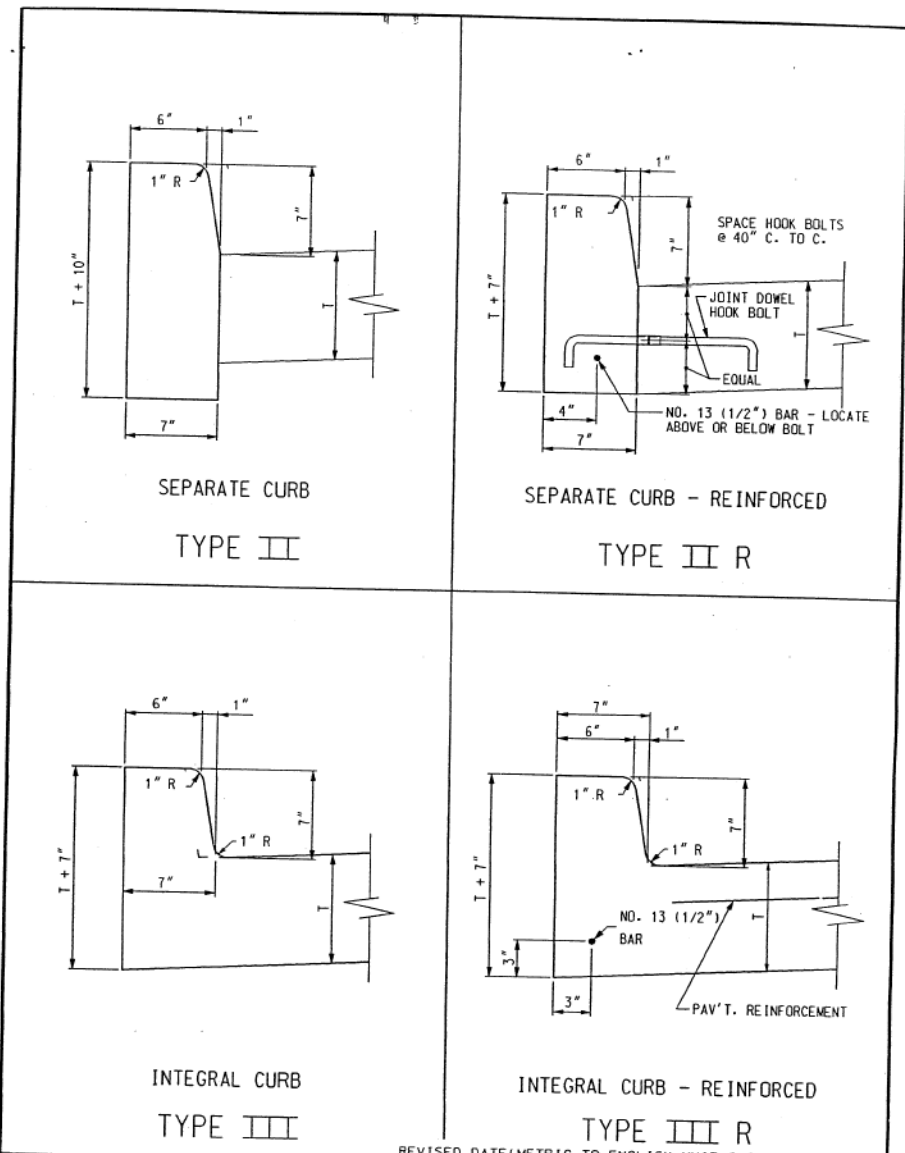
Sheet 1 of 1

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				 INFRASTRUCTURE ENGINEERING 301 W. Grand Blvd. Suite 100 Detroit, MI 48226 313.566.8100 info@infrastructure-engineering.com	 City of Detroit	DATE: 03/05/25	CS:	LOG OF BORINGS		DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION			DESIGN UNIT:	JN: 218688	Virginia Pk STA 0+10 TO STA POE 22+35		Virginia Pk BORING
								FILE: 218688_Virginia_BORING002.dgn	TSC:	VIRGINIA PARK STREET		2	42	



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH.	DESCRIPTION	NO.	DATE	AUTH.	DESCRIPTION

INFRASTRUCTURE ENGINEERING <small>301 W. Grand Blvd. Suite 100 Detroit, MI 48226 Tel: 313.224.1100 Fax: 313.224.1101</small>	City of Detroit	NO SCALE	DATE: 03/05/25 DESIGN UNIT: TSC:	CS: JN: 218688	SPECIAL DETAILS Virginia Pk STA 0+10 TO STA POE 22+35 VIRGINIA PARK STREET	DRAWING SHEET Virginia Pk SPDET 1 SECT 43
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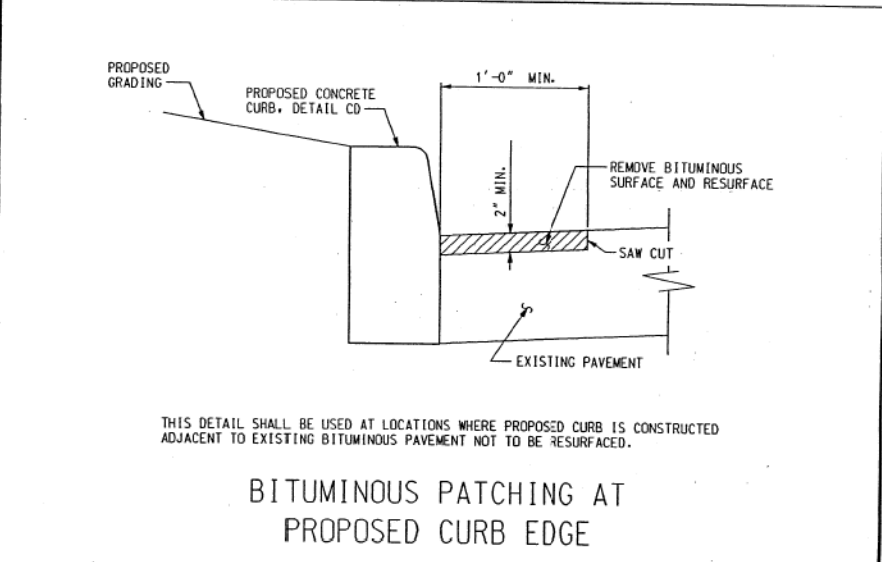
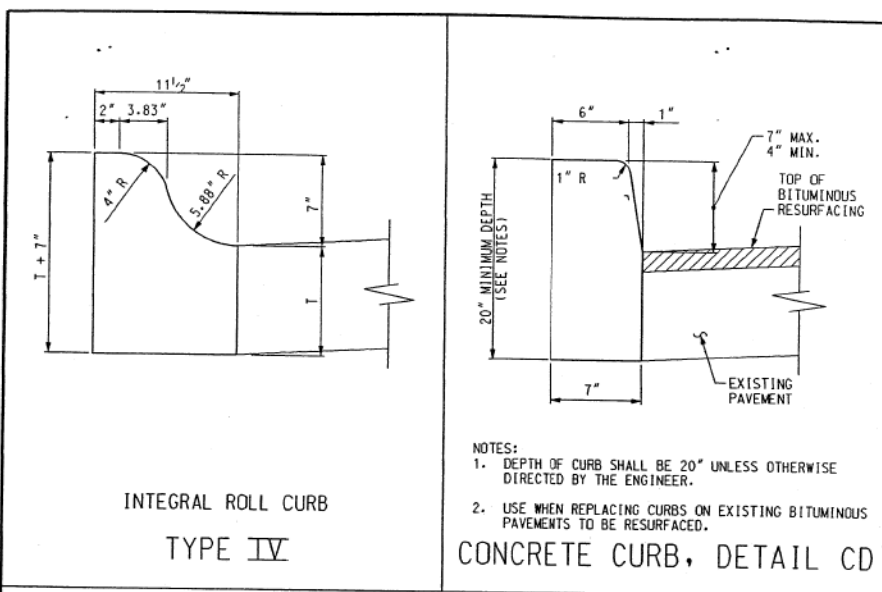


REVISD DATE (METRIC TO ENGLISH UNIT SYSTEM): DEC. 2002

APPROVED: *Dodim Hojden* ENGINEER OF STREETS
Wm. Tally CITY ENGINEER
 CHECKED BY: *M. E. S.*

CITY OF DETROIT
 CITY ENGINEERING DIVISION, D.P.W.
 STANDARD PLAN FOR
 STANDARD CURB DETAILS

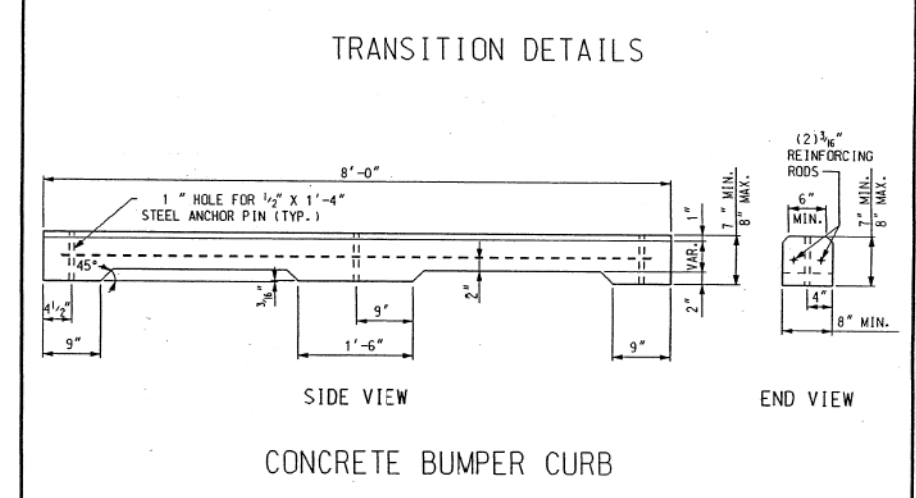
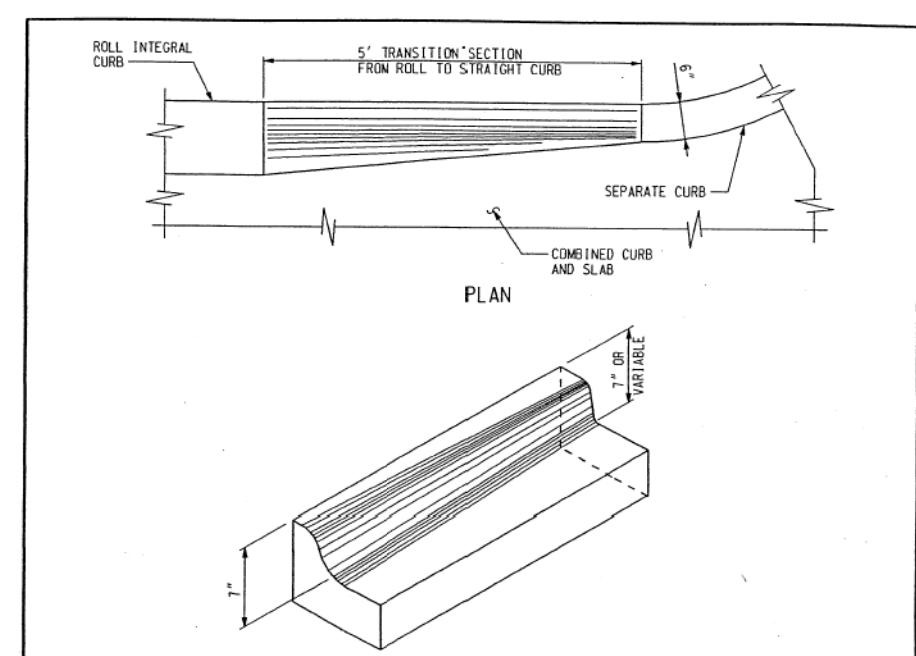
03/07/98 PLAN DATE 3 DRAWING NO. C-4380 DETAIL STANDARD NO. SHEET 1 OF 4



CITY OF DETROIT
 CITY ENGINEERING DIVISION, D.P.W.
 STANDARD PLAN FOR
 STANDARD CURB DETAILS

REVISD DATE (METRIC TO ENGLISH UNIT SYSTEM): DEC. 2002

03/07/98 PLAN DATE 3 DRAWING NO. C-4380 DETAIL STANDARD NO. SHEET 2 OF 4



NOTE: ALL DIMENSIONS ARE IN INCHES (") UNLESS OTHERWISE NOTED.

CITY OF DETROIT
 CITY ENGINEERING DIVISION, D.P.W.
 STANDARD PLAN FOR
 STANDARD CURB DETAILS

REVISD DATE (METRIC TO ENGLISH UNIT SYSTEM): DEC. 2002

03/07/98 PLAN DATE 3 DRAWING NO. C-4380 DETAIL STANDARD NO. SHEET 4 OF 4

FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:					
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				

<p>INFRASTRUCTURE ENGINEERING</p>	<p>NO SCALE</p>	DATE: 03/05/25 DESIGN UNIT: TSC:	CS: JN: 218688	SPECIAL DETAILS Virginia Pk STA 0+10 TO STA POE 22+35 VIRGINIA PARK STREET	Virginia Pk SPDET 2 SECT 1 44
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FILE: 218688_Virginia_SPDET002.dgn



VIRGINIA PARK

Road Reconstruction

CITY OF DETROIT
DPW, COMPLETE STREETS

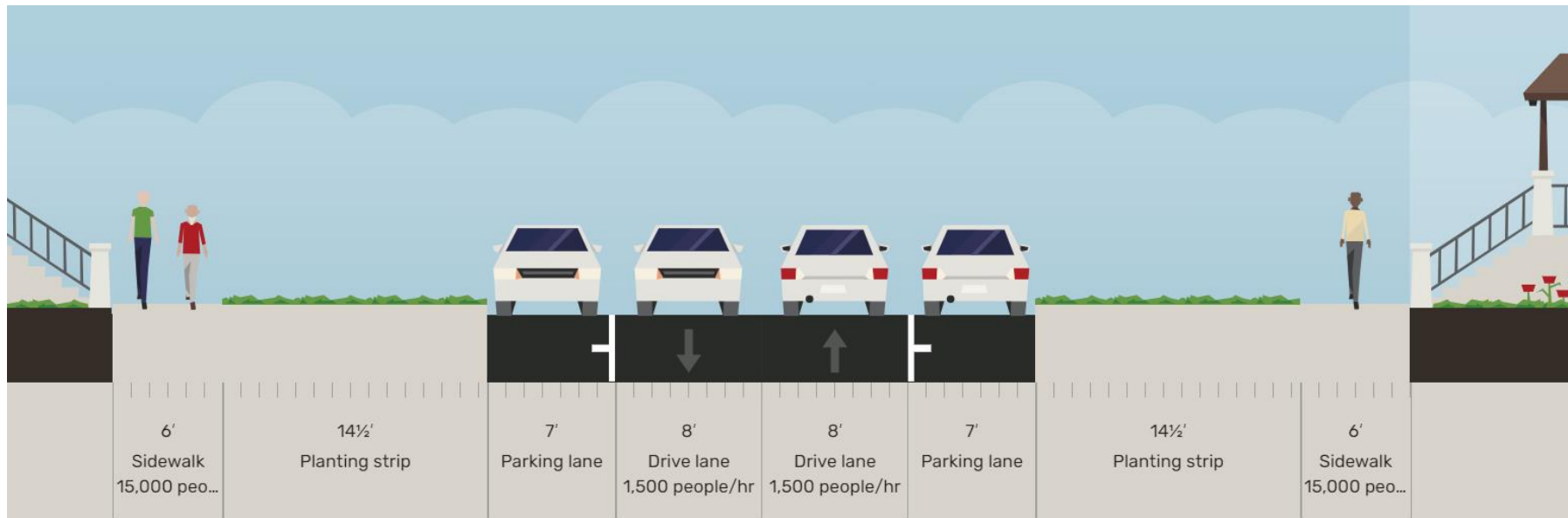


LIMITS: Virginia Park | M-10 to Woodward |

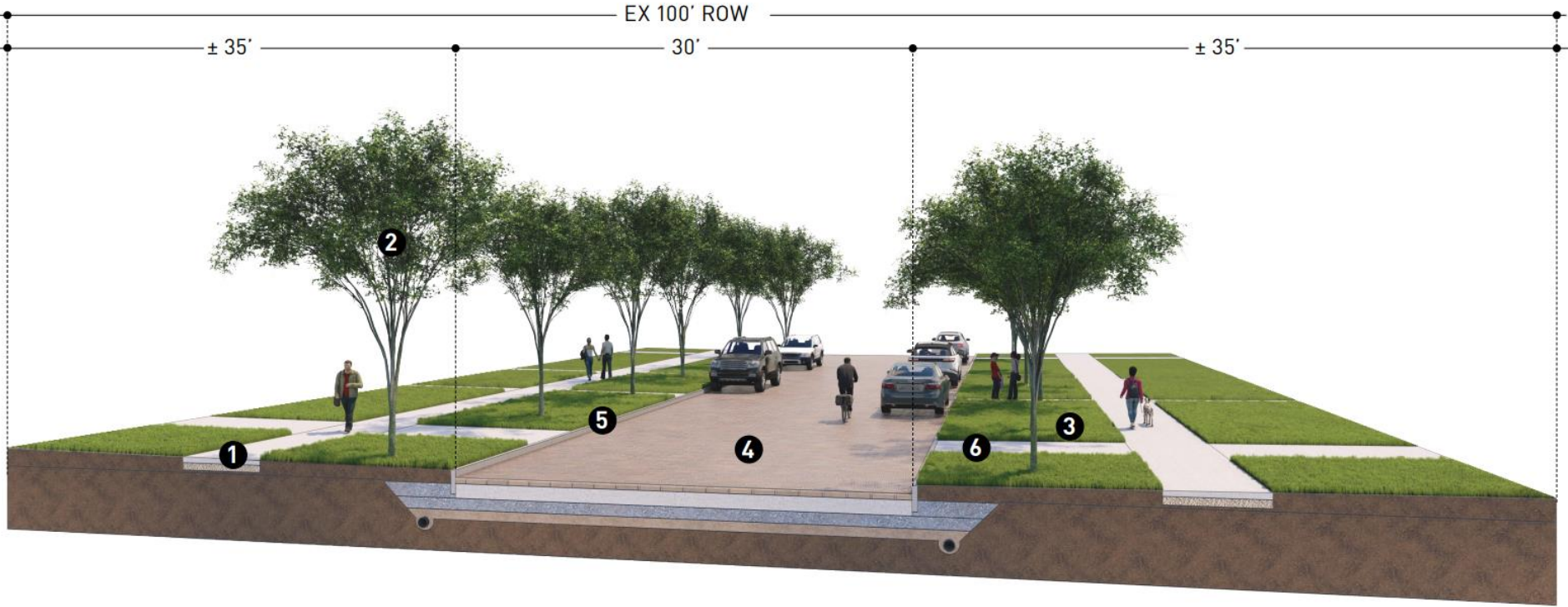


Existing Conditions: Road Configuration

30 Ft. paver right of way with sandstone curbs



PROJECT PROPOSAL



PROJECT PROPOSAL

The Virginia Park Road Reconstruction project aims to restore existing historic street.

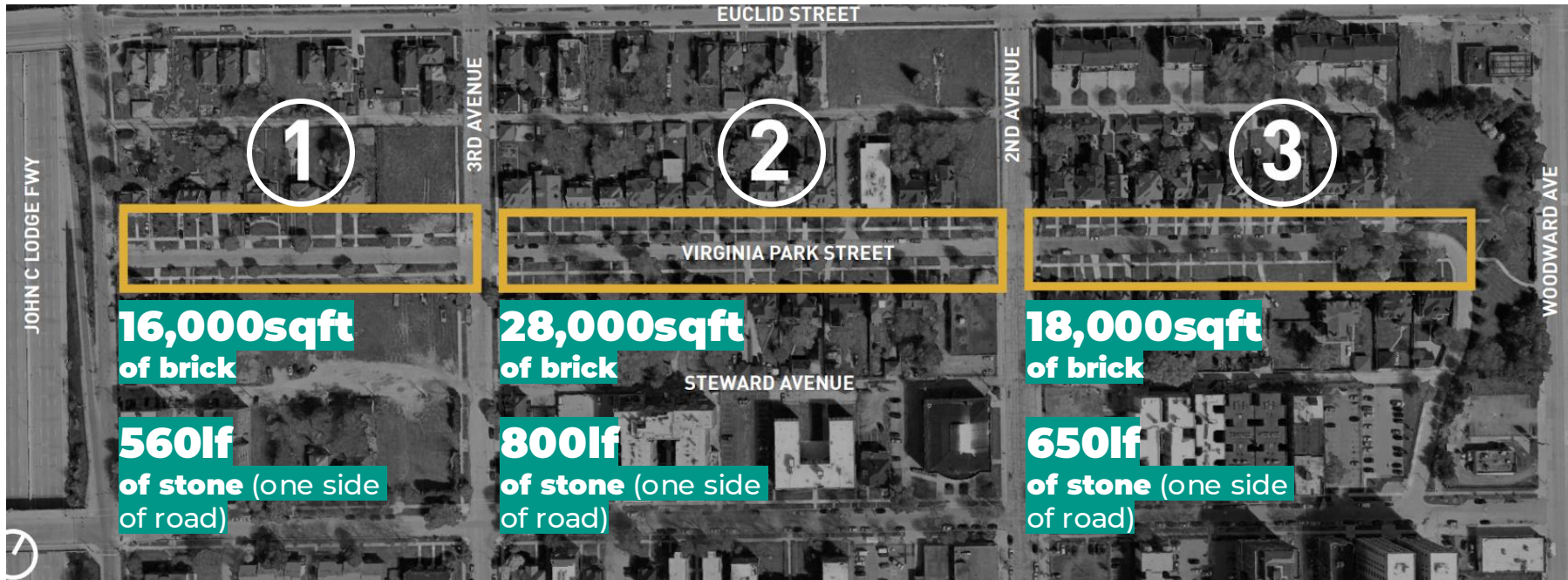
Key elements of the project include **brick paver and stone curb restoration** and replacement, along with the installation of a **new concrete subbase** with new drainage solutions.

Additional enhancements targeting areas of worn concrete sidewalks and driveway entrances along the street. The streetscape improvements will also ensure ADA compliance adding ramps where needed to enhance accessibility. The project also includes the removal and replacement of dead trees, introducing new shaded areas to enhance the street's appeal.

The estimated construction cost for the project is \$5,278,100. Construction is scheduled to begin in Summer 2025, with completion anticipated by late Fall 2026.



SURVEY FINDINGS



TOTAL BRICK PAVERS: 62,00sqft

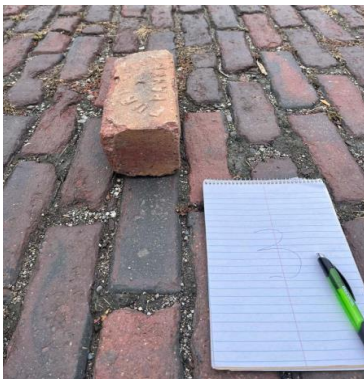
Total Stone Curb: 4,000LF



EXISTING BRICK PAVERS = 62.4%

Existing bricks currently vary in texture, color, and sizes.

Limits	W	L	D
(1) M-10 to 3rd Ave	3.625"	8.5"	4"
(2) 3rd to 2nd Ave	3.25"	9"	4"
(3) 2nd to Woodward	3.125"	9"	4"



3



2



1

EXISTING BRICK PAVERS = 62.4%

Existing bricks were evaluated using a paver rating system on a 1-10 scale, with only bricks rated 5 or higher deemed suitable for reuse.

Bricks rated below 5 showed signs of damage, such as cracks, chipped corners, or other visible defects.



STORED BRICK PAVERS = 10.3%

Of the 22,900 square feet of bricks requiring replacement, approximately 29,100 brick pavers, covering about 6,000 square feet (10.3%), are available for reconstruction.

The salvaged bricks are consistent with the original materials, matching size and color.

Ex:

W	L	D
3.625"	8.5"	4"

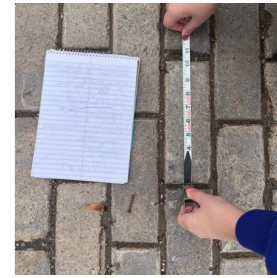
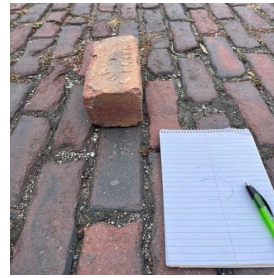


NEW BRICK PAVERS = 27.7%

the remaining 17,000 square feet (27.7%) of replacement brick pavers, will be replaced with Gavin Historical Bricks salvaged bricks from the same historical period and with matching measurements, and colors.

The salvaged bricks are consistent with the original materials, matching size and color.

Limits	W	L	D
(1) M-10 to 3rd Ave	3.625"	8.5"	4"
(2) 3rd to 2nd Ave	3.25"	9"	4"
(3) 2nd to Woodward	3"	9"	4"

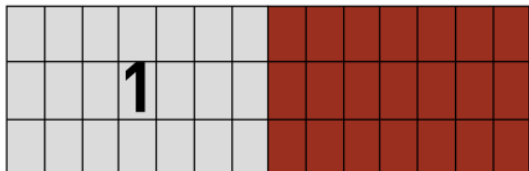


Block 1: 9" x 3" x 4"
 Block 2: 9" x 3 1/4" x 4"
 Block 3: 8.5" x 3 5/8" x 4"

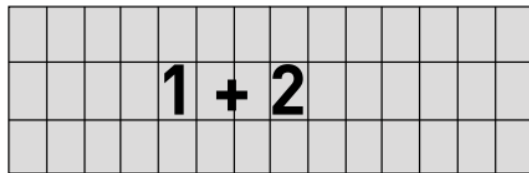
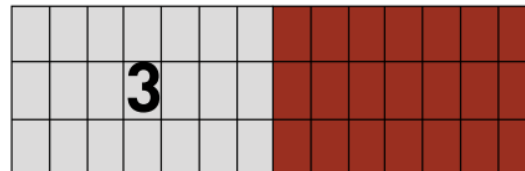
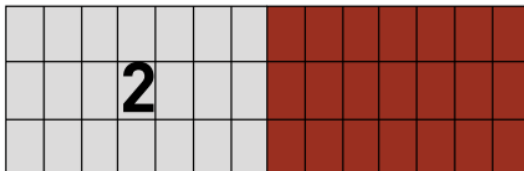


BRICK PROPOSAL

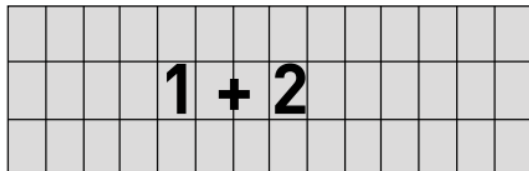
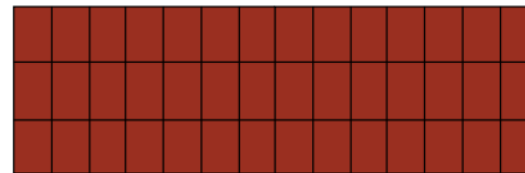
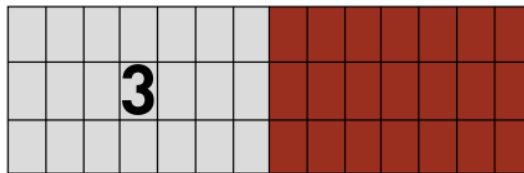
Existing bricks cannot intermix with new bricks. The community came to agreement of proposal shown below.



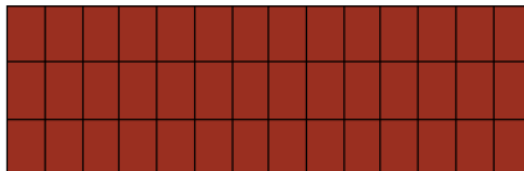
Old (bricks remain in same block) and New



Block 1 and 2, Block 3 and New, New



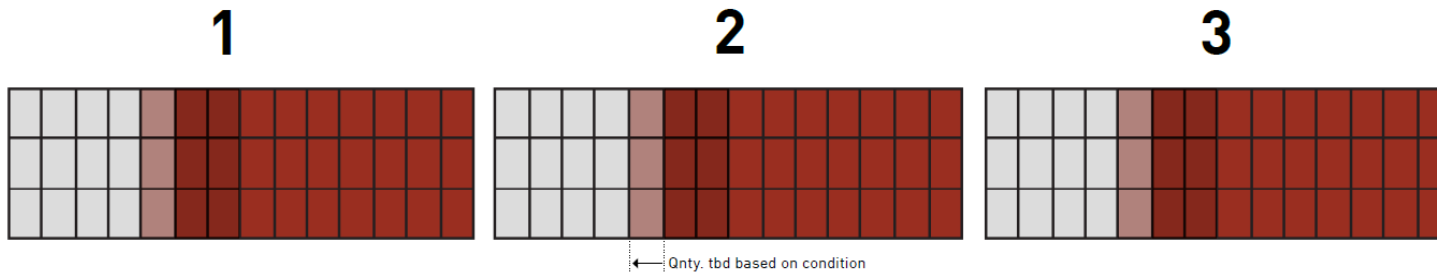
Block 1 and 2, New, Block 3





BRICK PROPOSAL

Existing bricks cannot intermix with new bricks. The community came to agreement of proposal shown below.

Design Intent: Reclaimed Native Brick remains on current block, with Non-Native Reclaimed Brick infill



LEGEND

-  Native Reclaimed Brick
-  Non-Native Reclaimed Brick Infill

BRICK PROPOSAL

Community decided to not commemorate tank tracks from 1967 in build.

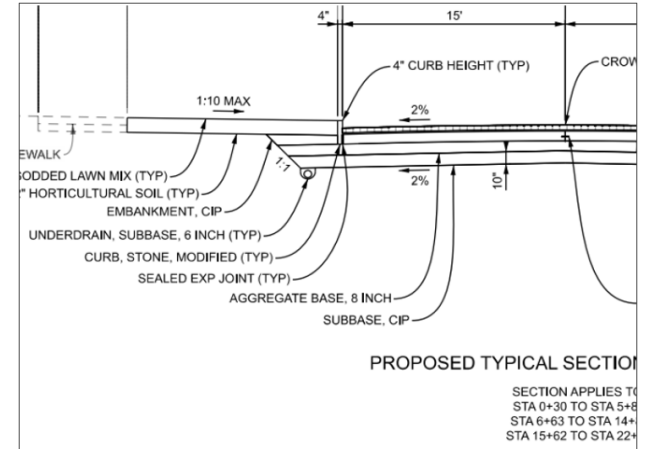
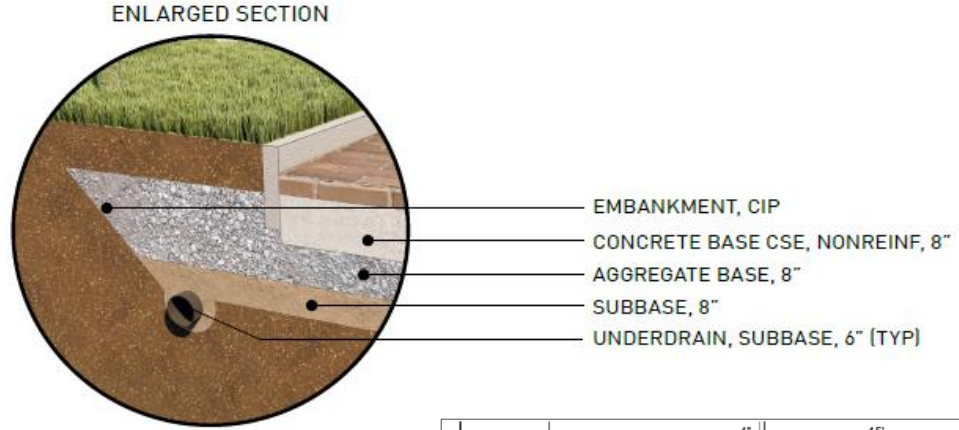
Have reached out to the 1967 historical museum to coordinate possible exhibit with materials



SUBBASE

The original concrete subbase beneath the brick pavers is fragmented and damaged, requiring a complete replacement.

The proposed design includes incorporating a new 6-8 concrete base with underdrains and inlets, drainage.



EXISTING SANDSTONE CURB = 70%

Existing conditions of sandstone curb includes a variation of height differences, curb cuts no longer meet current code standards, complicating vehicle access and creating barriers for non-able people trying to reach their cars.



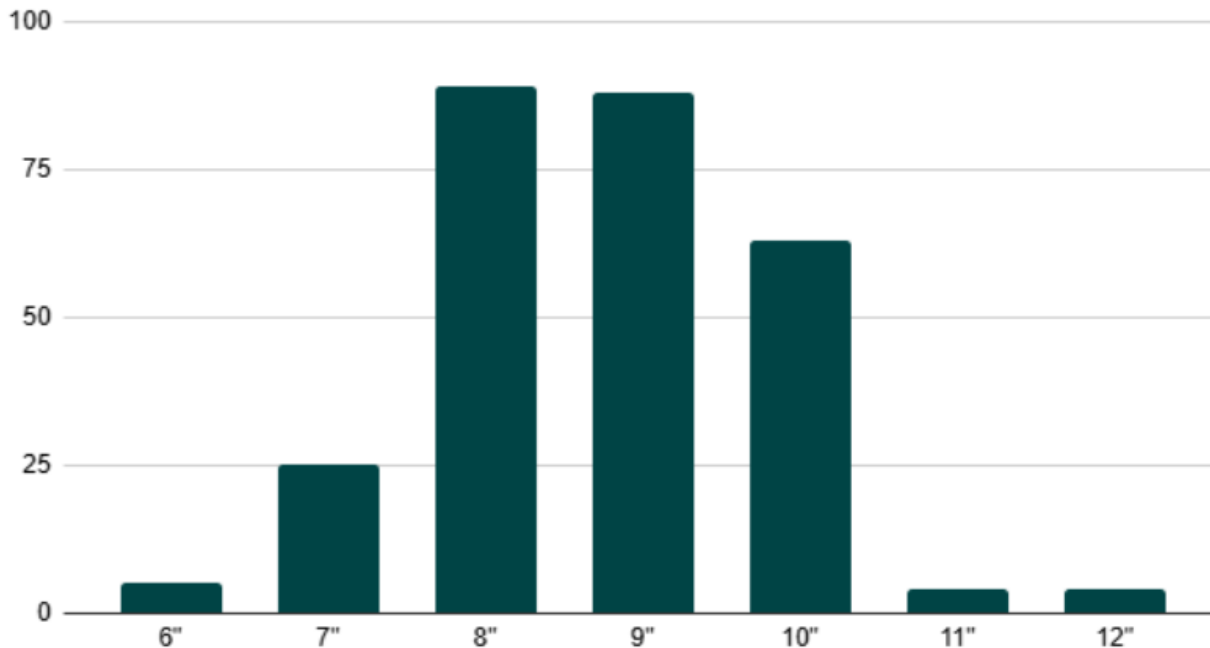
Curbs in good to moderate condition will be salvaged. A specialty cut stone provider has been coordinated on the project to procure a consistent match for stone curb replacement moving into implementation.



SANDSTONE CURB

*Existing Curb
Measurements
varying in height*

Height (Inches)	# of Bars
6"	5
7"	25
8"	89
9"	88
10"	63
11"	4
12"	4



SANDSTONE CURB = 30%

Approximately 30% of the existing stone curbs will need to be replaced with newly sourced materials.

Newly source granite stone will help create a uniform curb height of

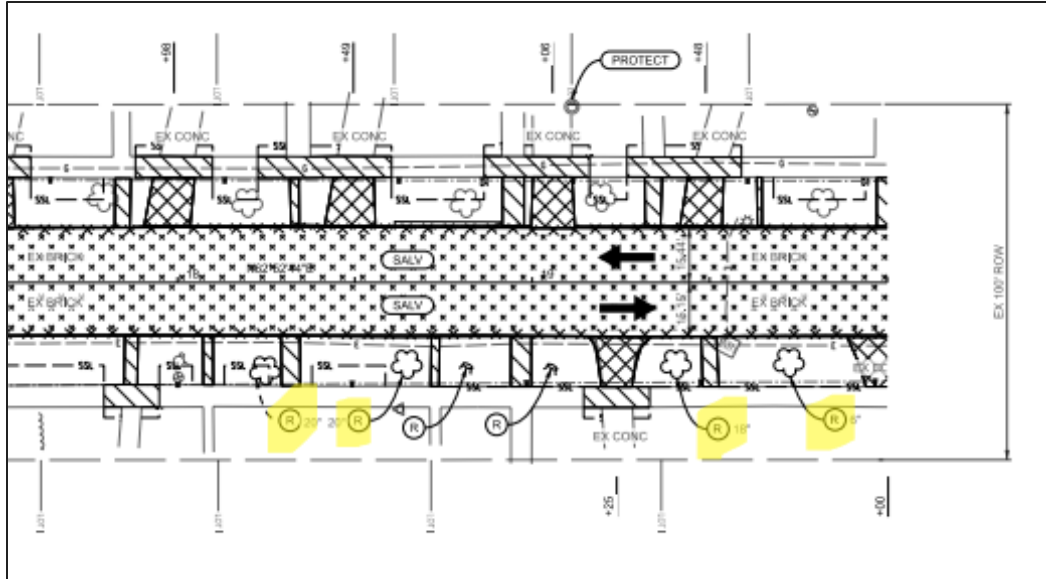


WILLIAMS STONE GRANITE CURB: \$26.77 each + freight

SITE IMPROVEMENTS

Tree Removals = 12

Removal of dead trees: (See Attached)

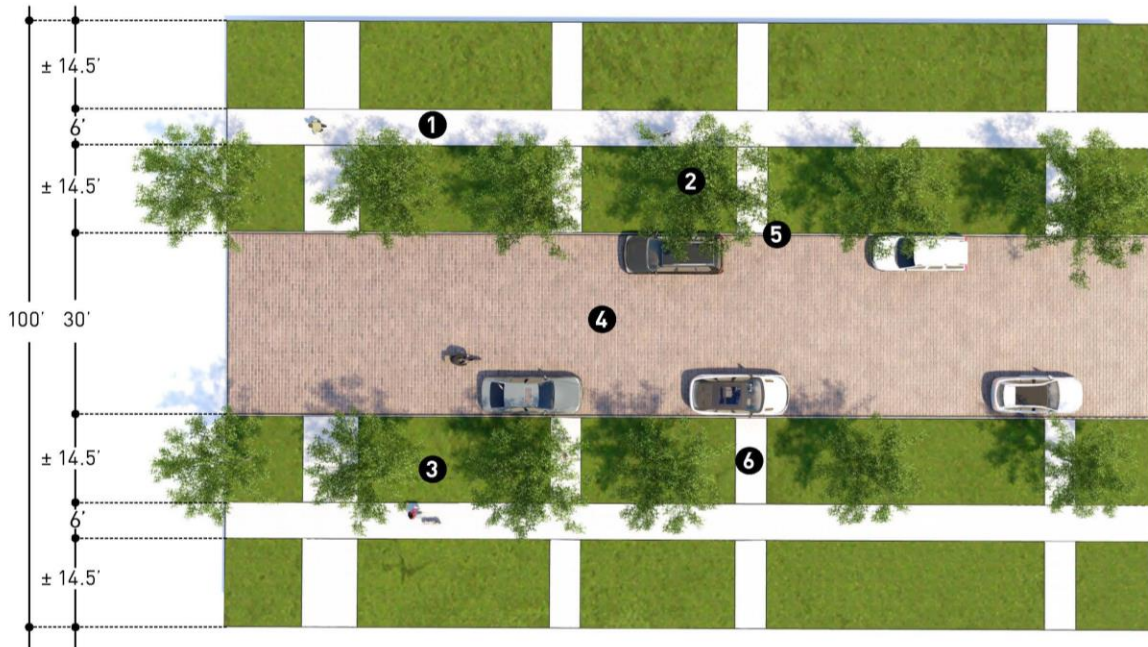


SITE IMPROVEMENTS

NEW Trees Added= 26

New addition of trees will be planted to fill voids in locations where trees seem to be missing: *(See Attached)*

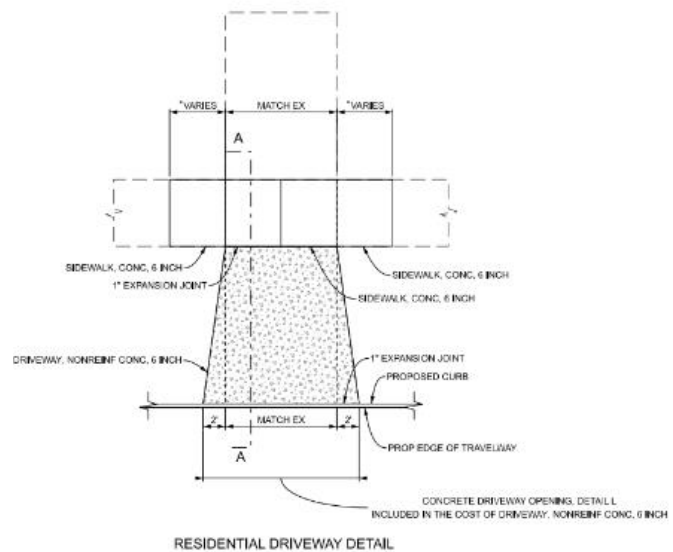
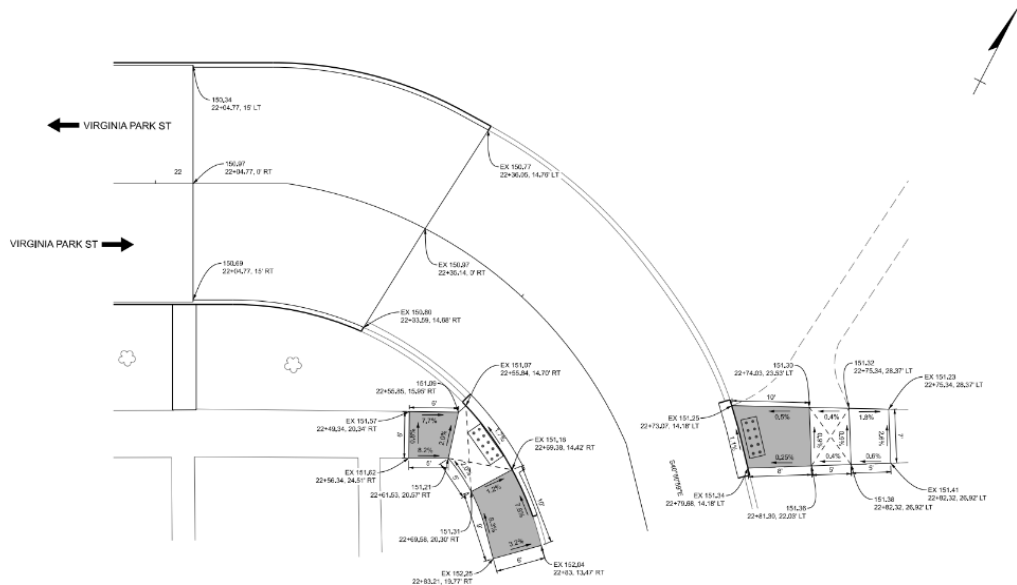
- 1 EXISTING SIDEWALK
- 2 NEW AMERICAN ELM TREES
- 3 SODDED LAWN
- 4 RECLAIMED BRICK
- 5 STONE CURB
- 6 NEW CONCRETE WALK & DRIVE APPROACH (SELECT)



SITE IMPROVEMENTS

NEW ADA RAMP

New addition of ADA ramps & driveway approaches:



Let's connect!

Dolin Diaz

Planner I – DPW Complete Streets

dolin.diaz@detroitmi.gov

(313)628-9999

Christina Peltier

Deputy Director – DPW Complete Streets

peltierc@detroitmi.gov

Questions?

For more information visit our website:

[In Progress](#) | [City of Detroit](#)



TAKE PART
Opportunity Rising











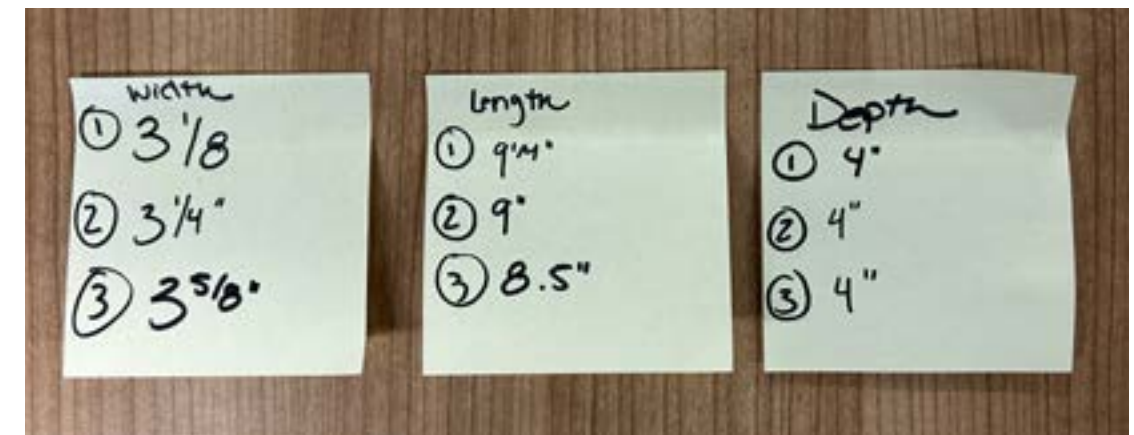








BRICK FROM SITE



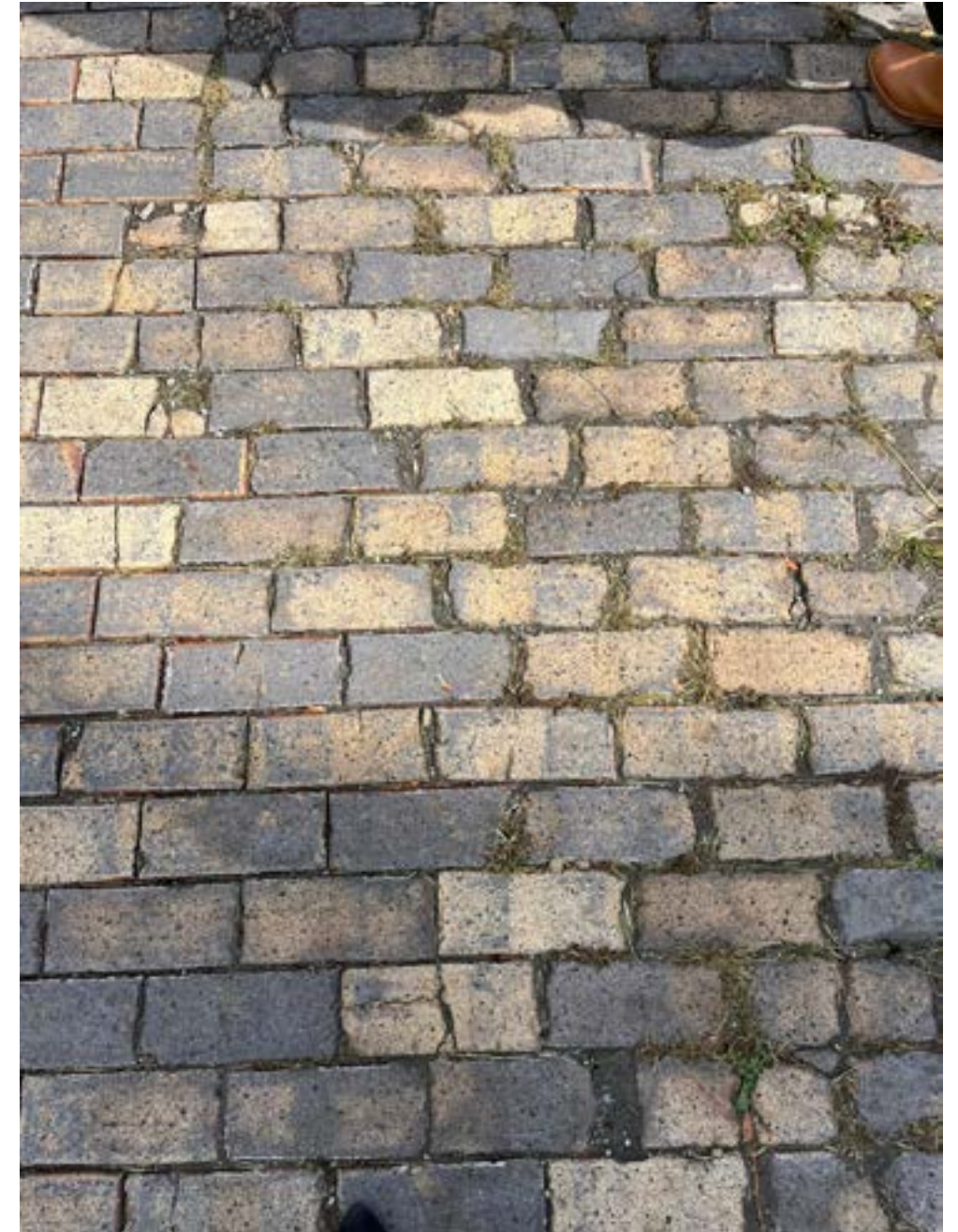
Color Variation



BLOCK 1



BLOCK 2



BLOCK 3

GAVIN HISTORICAL BRICK: \$2.50 each + freight

Block 1: 9" x 3" x 4"

Block 2: 9" x 3 1/4" x 4"

Block 3: 8.5" x 3 5/8" x 4"



WILLIAMS STONE GRANITE CURB: \$26.77 each + freight



WILLIAMS STONE COMPANY, INC.
 1138 Len-Wesfield Road, P.O. Box 2748, East Otis, MA 01829
 Tel: (800) 832-2052, (413) 269-4543, Fax: (413) 269-6148
 E-mail: info@williamsstone.com, Web: www.williamsstone.com

4" MIN. FOR $\frac{2}{3}$ LENGTH
END

Product Code: 612S					Unit Weight: 85#/LF
Item Description: 6"x12" Vertical Curb					Stone Type: Blue Sky
Surface:	Top	Bottom	Front	Back	Left End / Right End
Finishes:	Sawn	Sawn	Split	Split	Sawn / Sawn
Tolerances: Items are fabricated to tolerances per the National Building Granite Quarries Association specifications.					

PRICING

GAVIN HISTORICAL BRICK: \$2.50 each + freight

- 20% replacement = approx **\$404,500** *without tax*
- 50% replacement = approx **\$1.02M** *without tax*
- 80% replacement = approx **\$1.6M** *without tax*

BELDEN BRICK: \$2.40 each + freight

- 20% replacement = approx **\$57,000** *without tax*
- 50% replacement = approx **\$142,600** *without tax*
- 80% replacement = approx **\$228,000** *without tax*

MACK INDUSTRIES PRECAST CURB: \$490 each + freight

- 20% replacement = approx **\$98,000** *without tax*
- 50% replacement = approx **\$245,000** *without tax*
- 80% replacement = approx **\$392,000** *without tax*

WILLIAMS STONE GRANITE CURB: \$26.77 each + freight

- 20% replacement = approx **\$21,400** *without tax*
- 50% replacement = approx **\$54,000** *without tax*
- 80% replacement = approx **\$85,600** *without tax*

