

City of Columbia, Missouri

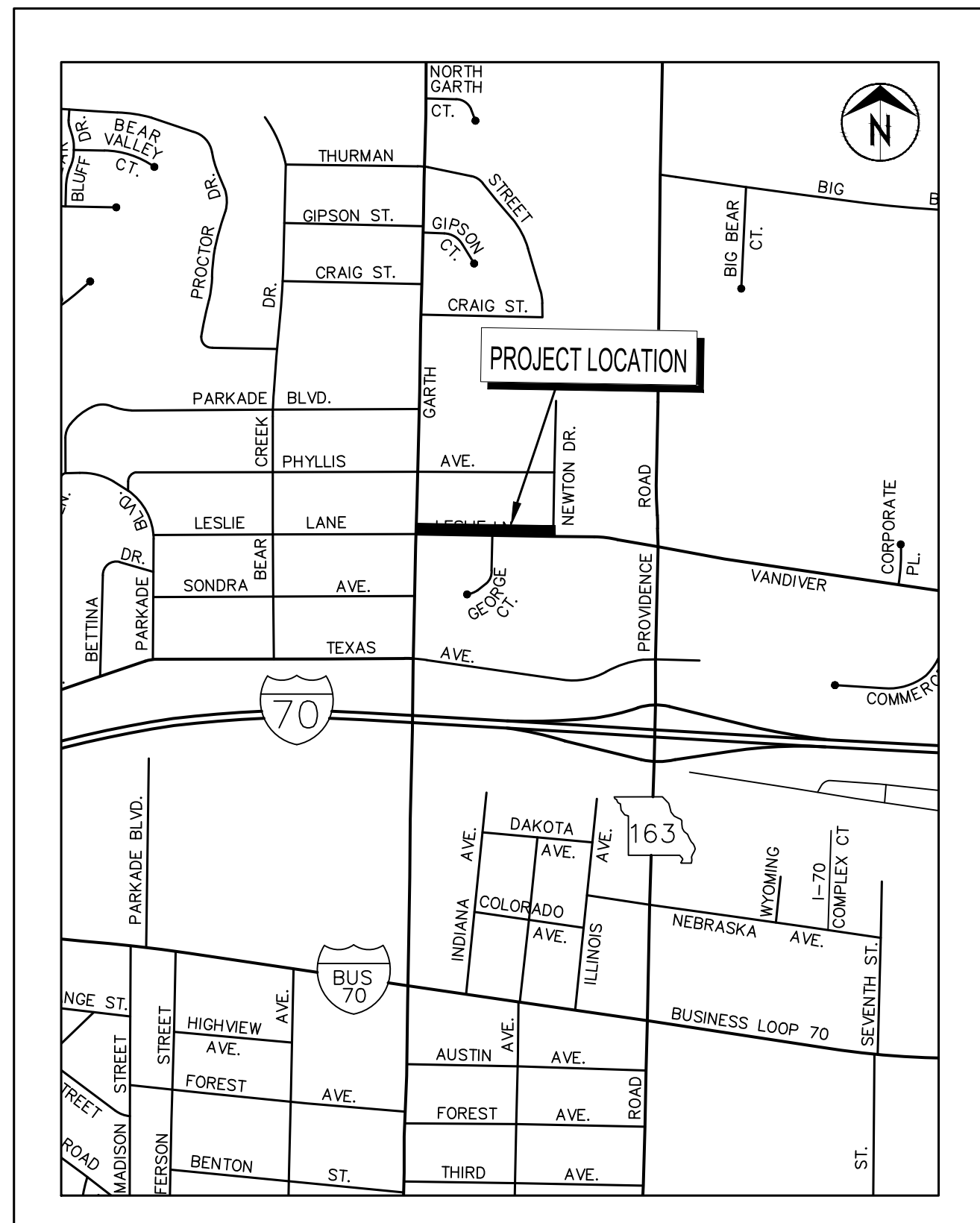
Department of Public Works



LESLIE LANE SIDEWALK

GARTH AVE. TO NEWTON DR.

CITY PROJECT NO: 00736
TAP-2101 (508)



LOCATION MAP

LEGEND OF SYMBOLS

POWER POLE	
TELEPHONE POLE	
GUY ANCHOR	
GUY POLE	
STREET LIGHT POLE	
YARD LIGHT (SOLAR)	
WATER METER	
GAS METER	
GAS VALVE	
WATER VALVE	
FIRE HYDRANT	
PIPE BREAKLINE	
SANITARY MANHOLE	
SANITARY CLEANOUT	
SANITARY LATERAL CLEANOUT	
TRAVERSE POINT	
MoDOT ROW MARKER	
BENCHMARK	
SIGN	
MAIL BOX	
PROPERTY IRON	
BUSH	
STUMP	
TREE REMOVAL	
TREE	
TREE LINE	
SILT FENCE/TREE PROTECT	
EXISTING PUBLIC SANITARY SEWER	
EXISTING SANITARY SEWER LATERAL	
EXISTING SANITARY SEWER TO BE ABANDONED	
PROPOSED SEWER MAIN AND LATERALS	
FENCE	
CABLE TELEVISION	
TELEPHONE	
ELECTRIC	
TELEPHONE OR ELECTRIC MANHOLE	
WATER MAIN	
GAS MAIN	
FIBER OPTIC	
FLOW LINE	
PROPERTY LINE	
LOT LINE	
EXISTING RIGHT OF WAY LINE	
EXISTING EASEMENT	
PERMANENT UTILITY EASEMENT	
PROPOSED SANITARY SEWER EASEMENT	
PROPOSED PERMANENT DRAINAGE EASEMENT	
PROPOSED RIGHT OF WAY	
TEMPORARY ACCESS EASEMENT	
TEMPORARY CONSTRUCTION EASEMENT	
GRADING LIMIT	

GENERAL NOTES

- All construction to be in accordance with "City of Columbia Street, Storm Drain and Sanitary Specifications" (Current edition), except for traffic signal items, which shall conform to the Missouri Standard Specifications for Highway Construction (Current Edition). Where there is a conflict, these plans prevail over the Standard Specifications.
- The information shown in these plans concerning type and locations of underground utilities is not guaranteed to be accurate or all inclusive. It shall be the sole responsibility of the contractor to locate, protect, and restore all existing utilities encountered on this project. Notify Missouri One-Call (1-800-DIG-RITE) for the location of the utilities at least 5 days prior to construction. Contractor is to be aware that some utilities do not participate in the Missouri "One-Call" system. These utilities will need to be contacted individually.
- All removal of driveway pavements should be verified by field engineer.
- All excavation to be in accordance with Sections 319.010-319.050, Revised Statutes of the State of Missouri. Such compliance shall not, however, excuse any person making any excavation from doing so in a careful and prudent manner, nor shall it excuse such person from liability for any damage or injury to underground utilities resulting from the excavation.
- All disturbed earth areas shall be restored as per City Specification 203 (Seeding and Mulching) and TS-4 (Erosion Control).
- Remove all pavement surfaces, inlets, pipes and sidewalks within the construction limits as per TS-2, except those noted to remain. The field inspector shall verify removal of all driveway pavement.
- Construction shall meet ADA Requirements. Any construction that does not meet ADA requirements must be removed and replaced at the contractor's expense.
- Sidewalk landings shall have maximum of 2% cross slope in both directions.
- Removal of trees and bushes shall be verified by field inspectors. Exercise caution when working near the construction limits to minimize disturbance to adjacent trees and shrubs that are not being removed by construction activities.
- Contractor is responsible for replacing any property or Right-of-Way monuments that are removed with this project.
- No open trenches will be allowed overnight outside of the "road closed" area. Asphaltic "cold mix" shall be used as a temporary patch overnight. Temporary patching shall be considered incidental to the work.

CONTROL POINTS

#	NORTHING	EASTING	ELEVATION	DESCRIPTION
TP1	1142841.79	1686797.91	722.61	TP PK
TP2	1142888.63	1687244.30	716.89	TP PK
TP3	1142892.36	1686490.26	699.37	TP PK
TP4	1142856.53	1686630.02	712.21	TP INK DOT

UTILITY COMPANIES:

TELEPHONE
CenturyLink
625 Cherry Street
Columbia, MO 65205
573-886-3505

WATER
City of Columbia
P.O. Box 6015
City Utilities
Columbia, MO 65205
573-874-7301

NATURAL GAS
Ameren Missouri
2001 Maguire Boulevard
Columbia, MO 65201
573-876-3063

ELECTRIC
City of Columbia
P.O. Box 6015
City Utilities
Columbia, MO 65205
573-874-7301

CABLE TELEVISION
Mediacom
901 N. College Avenue
Columbia, MO 65201
573-443-1536 ext 354

SANITARY SEWER
City of Columbia
P.O. Box 6015
City Utilities
Columbia, MO 65205
573-874-7250

LOCATES
Missouri One Call Inc.
1022 B Northeast Drive
Jefferson City, MO 65109
1-800-344-7483

ELECTRIC (county)
Boone Electric Cooperative
1413 Range Line Street
Columbia, MO 65201
573-449-4181 ext 231

INDEX OF SHEETS

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City of Columbia, Missouri
Department of Public Works

No.	Date	By	Revision

File No. TAP-2101 (508) Des. E.M.F. Sheet 1 of 11
Scale: NONE Dwn. T.L.W.
Date: 3/11/2020 Chk. A.A.A.

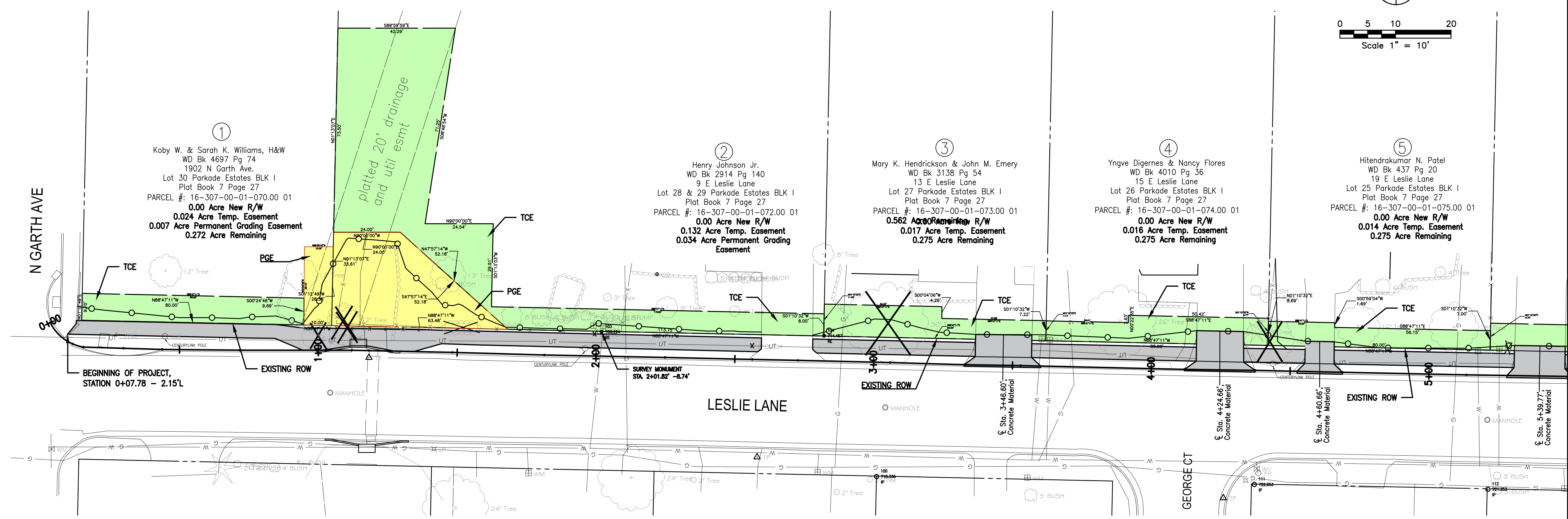
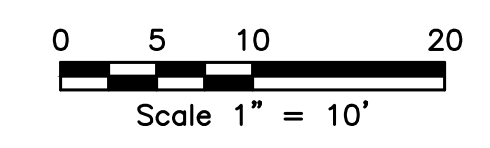
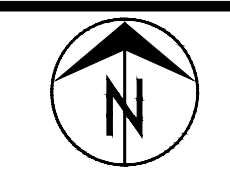
David Allen Nichols
Registered Professional Engineer
E-24212

Leslie Lane Sidewalk

Approved By _____

Director of Public Works

Date _____



①
Koby W. & Sarah K. Williams, H&W
WD Bk 4697 Pg 74
1902 N Garth Ave.
Lot 30 Parkade Estates BLK I
Plat Book 7 Page 27
PARCEL #: 16-307-00-01-070.00 01
0.00 Acre New R/W
0.024 Acre Temp. Easement
0.007 Acre Permanent Grading Easement
0.272 Acre Remaining

②
Henry Johnson Jr.
WD Bk 2914 Pg 140
9 E Leslie Lane
Lot 28 & 29 Parkade Estates BLK I
Plat Book 7 Page 27
PARCEL #: 16-307-00-01-072.00 01
0.00 Acre New R/W
0.132 Acre Temp. Easement
0.034 Acre Permanent Grading Easement

③
Mary K. Hendrickson & John M. Emery
WD Bk 3138 Pg 54
13 E Leslie Lane
Lot 27 Parkade Estates BLK I
Plat Book 7 Page 27
PARCEL #: 16-307-00-01-073.00 01
0.562 Acre New R/W
0.017 Acre Temp. Easement
0.275 Acre Remaining

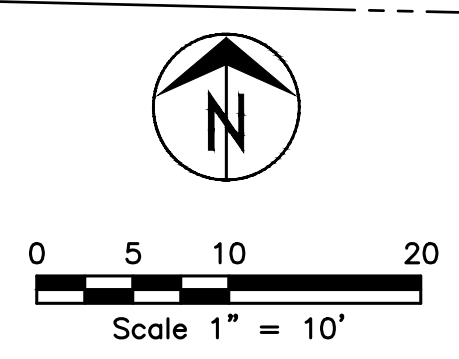
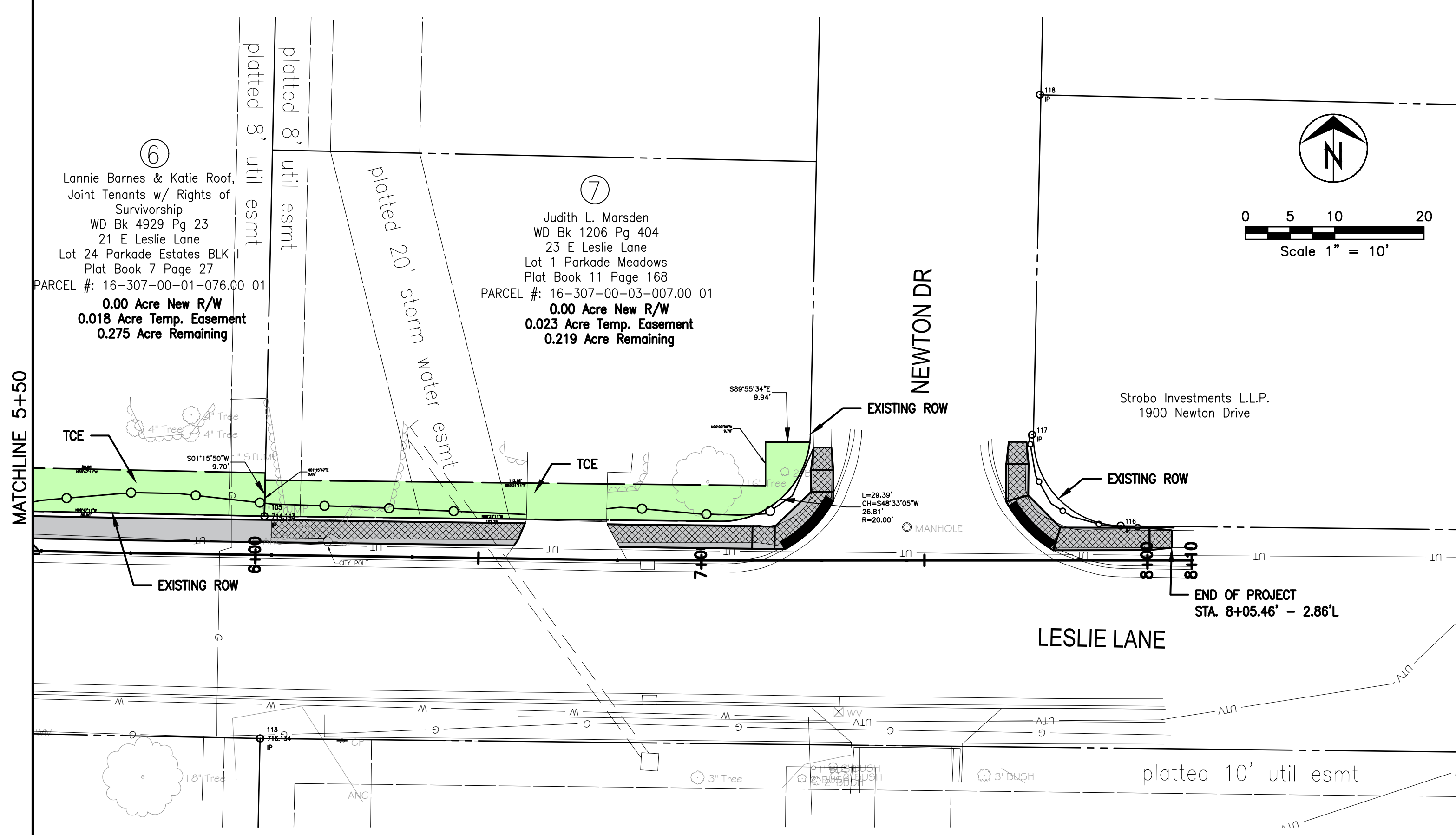
④
Yngve Digernes & Nancy Flores
WD Bk 4010 Pg 36
15 E Leslie Lane
Lot 26 Parkade Estates BLK I
Plat Book 7 Page 27
PARCEL #: 16-307-00-01-074.00 01
0.00 Acre New R/W
0.016 Acre Temp. Easement
0.275 Acre Remaining

⑤
Hitendrakumar N. Patel
WD Bk 437 Pg 20
19 E Leslie Lane
Lot 25 Parkade Estates BLK I
Plat Book 7 Page 27
PARCEL #: 16-307-00-01-075.00 01
0.00 Acre New R/W
0.014 Acre Temp. Easement
0.275 Acre Remaining

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Leslie Lane Sidewalk
Right-of-Way Sheet

MATCHLINE 5+50



- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- PERMANENT GRADING EASEMENT (PGE)

TOTAL REQUIRED EASEMENTS
TCE(7) - 8,883 SF
0.204 Acre

PGE(2) - 1,765 SF
0.041 Acre

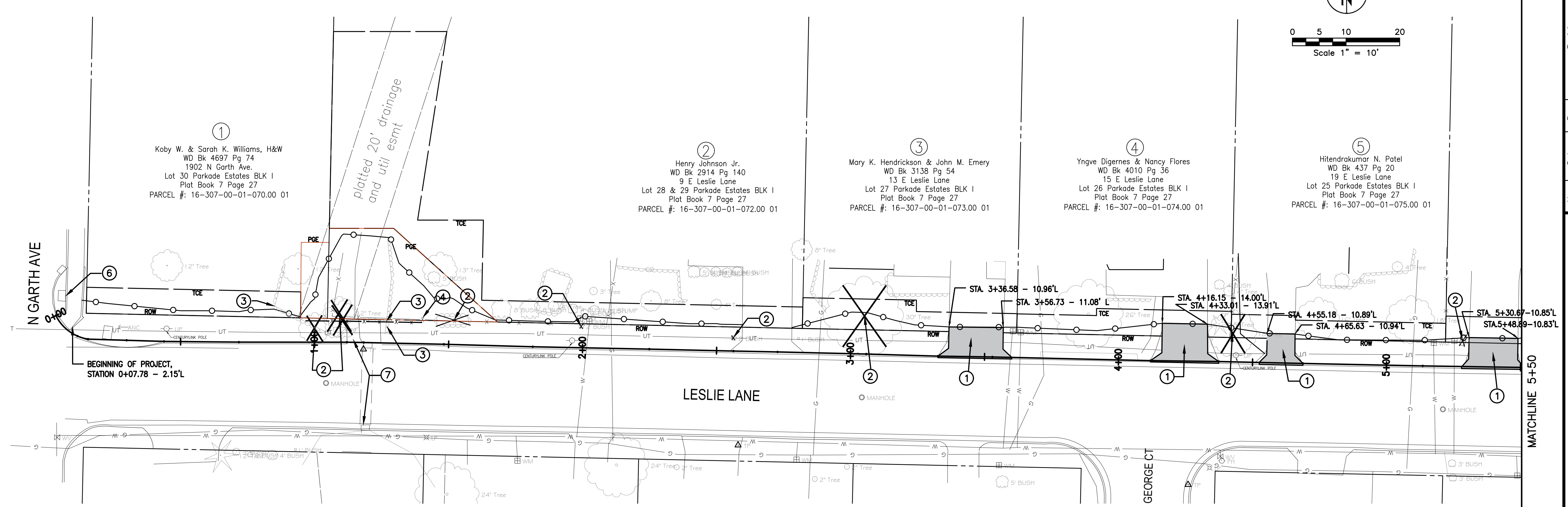
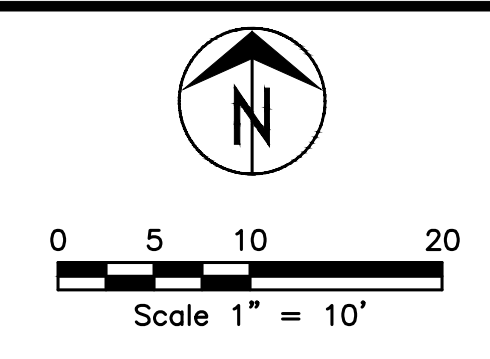
MATCHLINE 5+50

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David Allen Nichols Registered Professional Engineer E-24212
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Des. E.M.F.
Dwn. T.L.W.
Chk. A.A.A.

c:\cadd\proj\sidewalk\leslie_lane_newton_to_garth_and_design\leslie_lane_sidewalk.dwg



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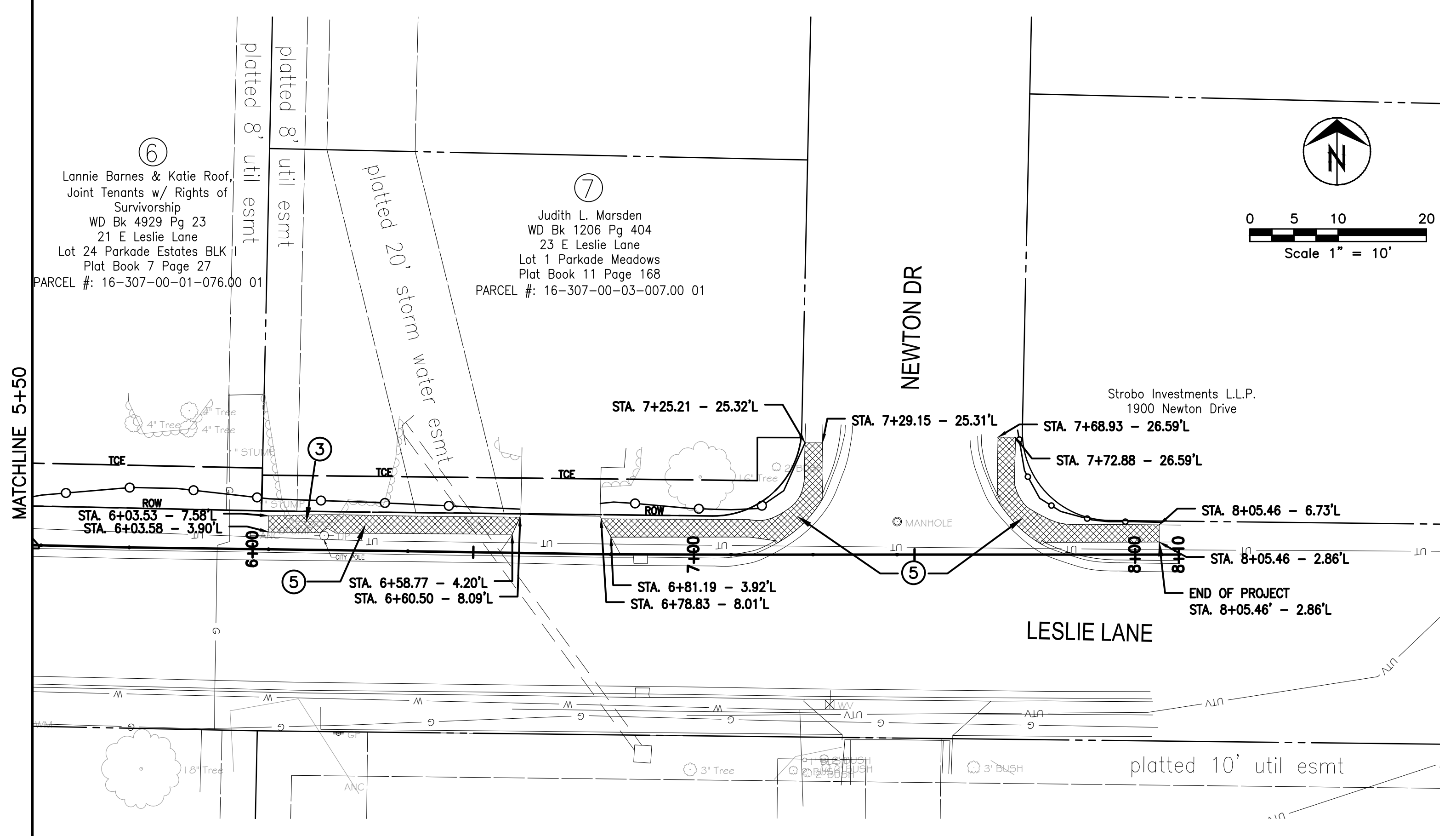
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PARCEL #: 16-307-00-01-073.00 01

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PARCEL #: 16-307-00-01-074.00 01

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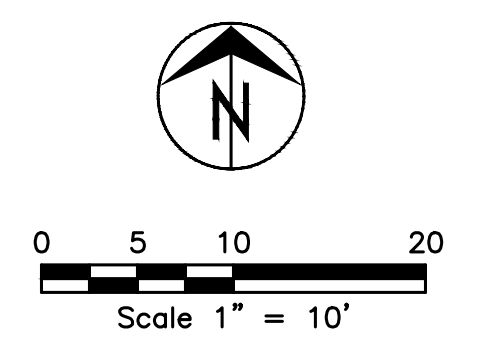
Revision	By	Date	No.

Leslie Lane Sidewalk
Removals Sheet



⑥
Lannie Barnes & Katie Roof,
Joint Tenants w/ Rights of
Survivorship
WD Bk 4929 Pg 23
21 E Leslie Lane
Lot 24 Parkade Estates BLK I
Plat Book 7 Page 27
PARCEL #: 16-307-00-01-076.00 01

⑦
Judith L. Marsden
WD Bk 1206 Pg 404
23 E Leslie Lane
Lot 1 Parkade Meadows
Plat Book 11 Page 168
PARCEL #: 16-307-00-03-007.00 01

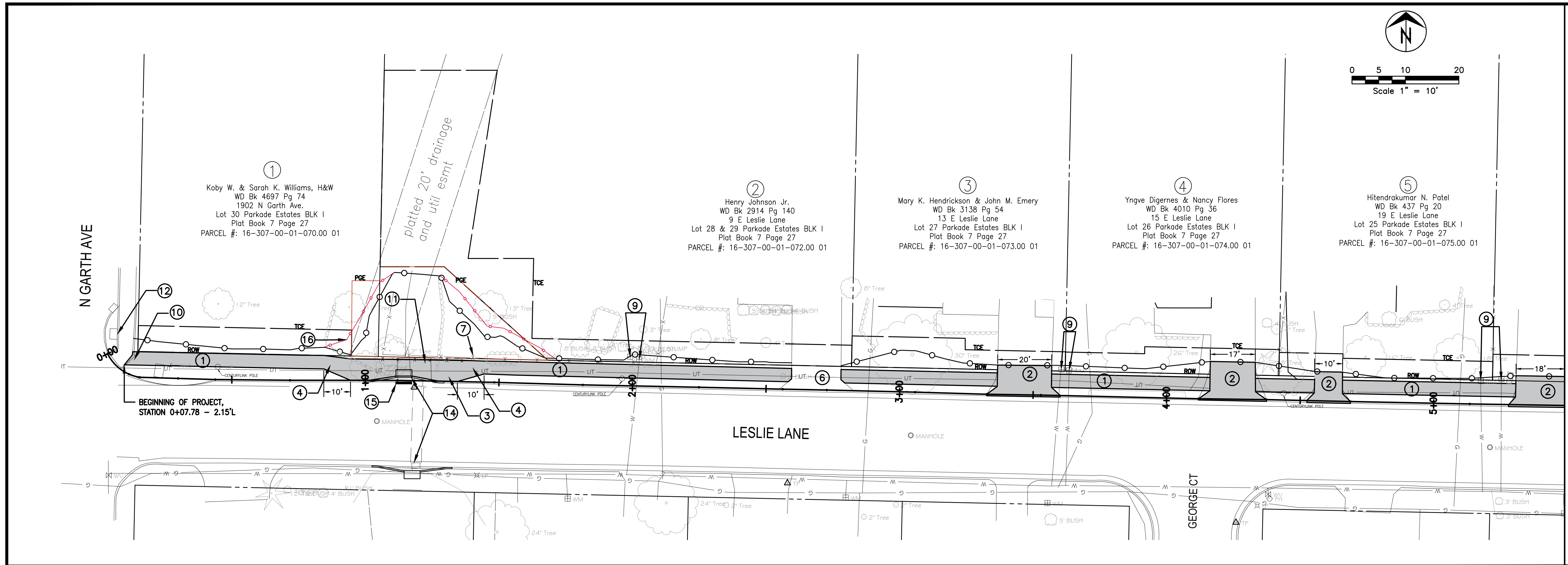


- ① REMOVE RESIDENTIAL DRIVEWAY
- ② REMOVE TREE/BUSHES
- ③ REMOVE BRUSH TO GRADING LIMIT
- ④ REMOVE CHAIN LINK FENCE AND REPLACE AFTER PROJECT COMPLETE
- ⑤ REMOVE EXISTING SIDEWALK
- ⑥ STORMWATER UTILITY WILL REMOVE AND REPLACE PIPE AND SIDEWALK/RAMP. IMPROVEMENTS TO BE COMPLETED PRIOR TO SIDEWALK CONSTRUCTION.
- ⑦ STORMWATER UTILITY WILL REMOVE AND REPLACE CULVERT AND INLETS. IMPROVEMENTS TO BE COMPLETED PRIOR TO SIDEWALK CONSTRUCTION.

City of Columbia, Missouri
Department of Public Works

David Allen Nichols
Registered Professional Engineer
E-24212

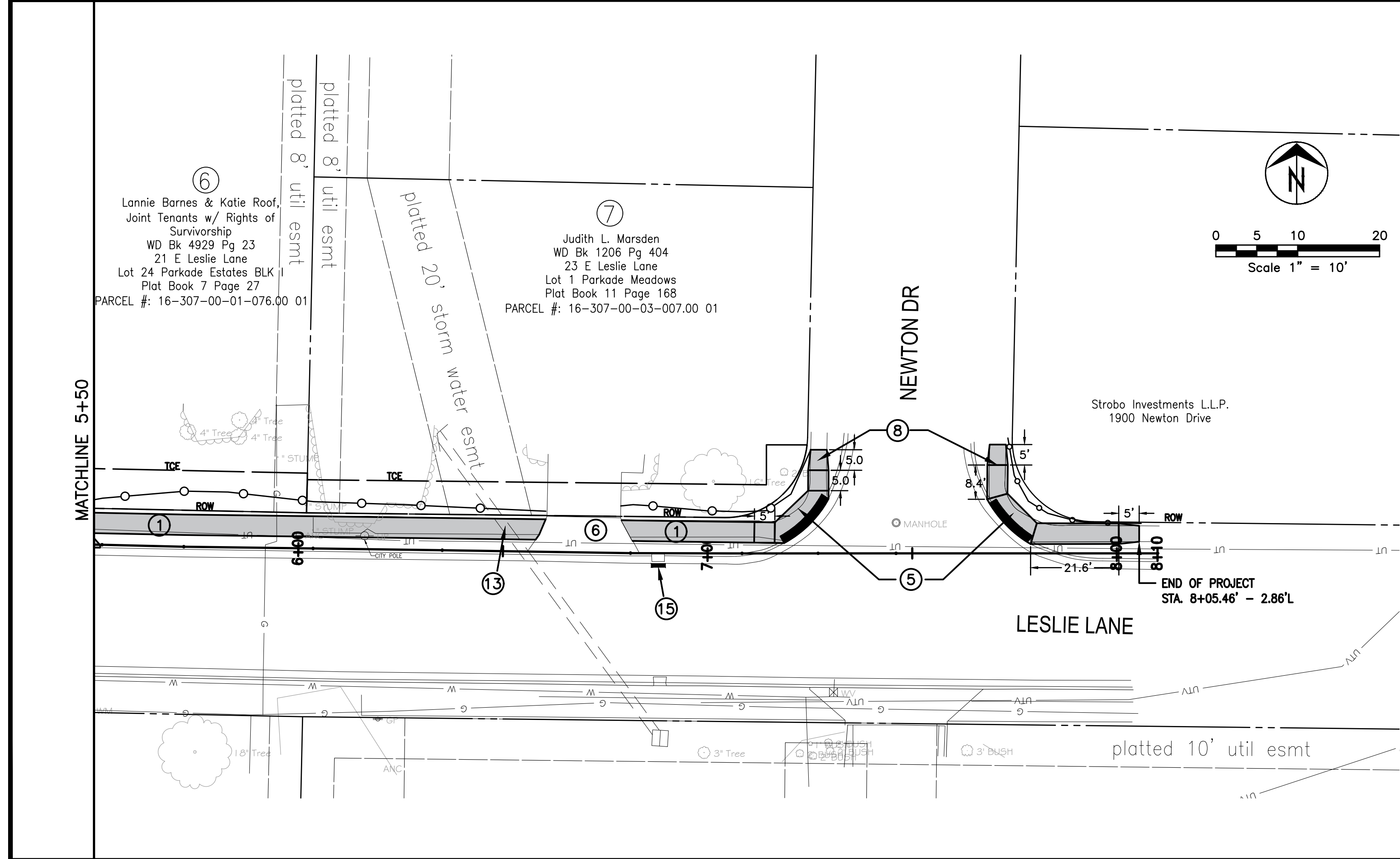
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Dwn. T.L.W.
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MATCHLINE 5+50

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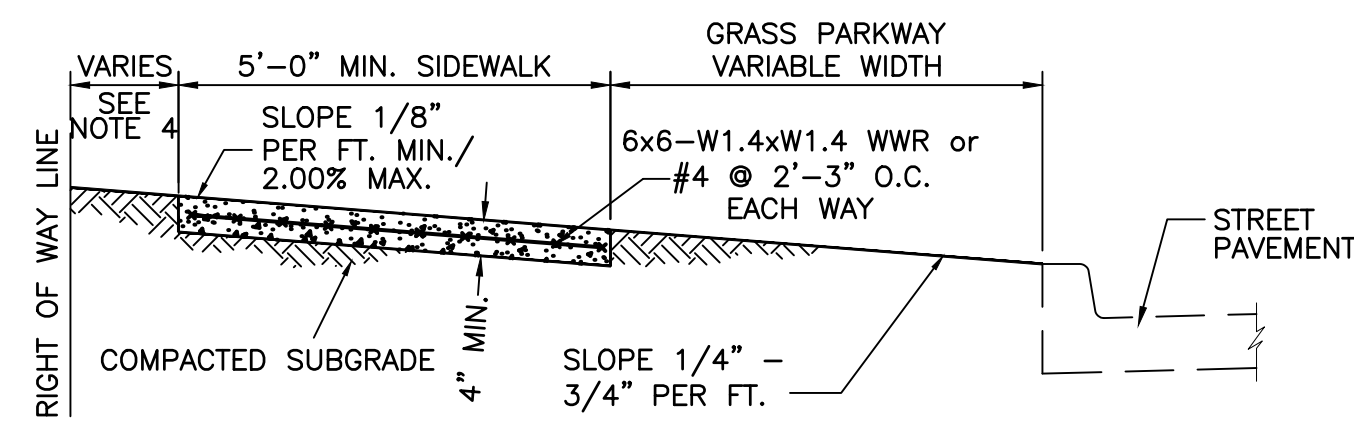
Leslie Lane Sidewalk
Plan Sheet



- ① CONSTRUCT 5' WIDE, 4" THICK PCC SIDEWALK PER DETAIL 1
- ② RECONSTRUCT RESIDENTIAL DRIVEWAY PER DETAILS 2 AND 3
- ③ CONSTRUCT 7' WIDE, 4" THICK PCC SIDEWALK AT BACK OF CURB
- ④ TRANSITION SIDEWALK FROM 5' TO 7'
- ⑤ CONSTRUCT ADA COMPLIANT RAMPS PER DETAIL 4
- ⑥ EXISTING DRIVEWAY TO REMAIN IN PLACE
- ⑦ REPLACE CHAIN LINK FENCE AFTER PROJECT COMPLETE
- ⑧ TRANSITION PANEL FROM 5' TO EXISTING SIDEWALK
- ⑨ RELOCATE/ADJUST WATER METER
- ⑩ RAMP TO EXISTING LANDING
- ⑪ INSTALL STEEL PEDESTRIAN FENCE PER DETAIL 6
- ⑫ STORMWATER UTILITY WILL REMOVE AND REPLACE PIPE AND SIDEWALK/RAMP. IMPROVEMENTS TO BE COMPLETED PRIOR TO SIDEWALK CONSTRUCTION.
- ⑬ REMOVE AND REPLACE THE SUBGRADE OVER CULVERT
- ⑭ STORMWATER UTILITY WILL REMOVE AND REPLACE CULVERT AND INLETS. IMPROVEMENTS TO BE COMPLETED PRIOR TO SIDEWALK CONSTRUCTION.
- ⑮ INSTALL INLET PROTECTION (GUTTER BUDDIES)
- ⑯ INSTALL SILT FENCE PER DETAIL 7

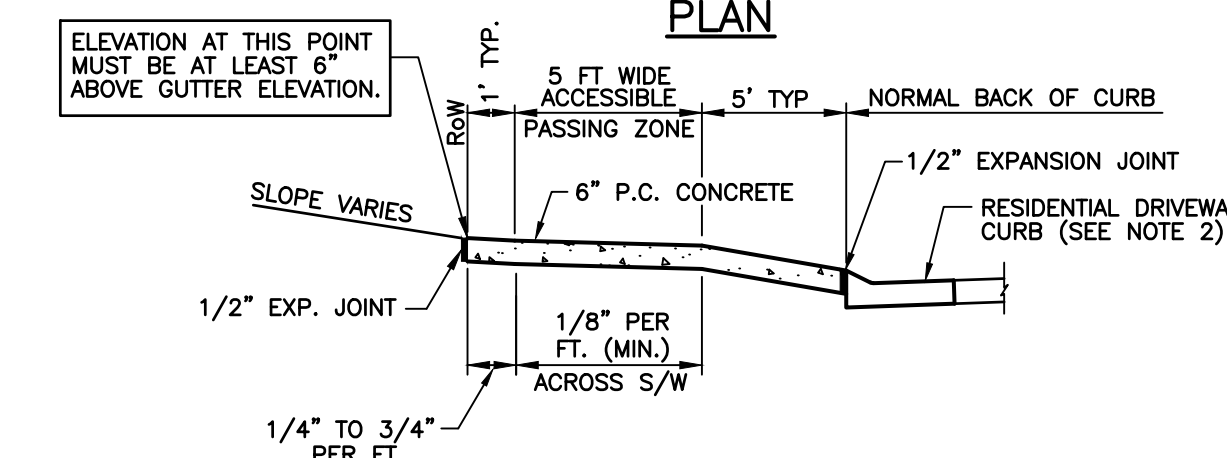
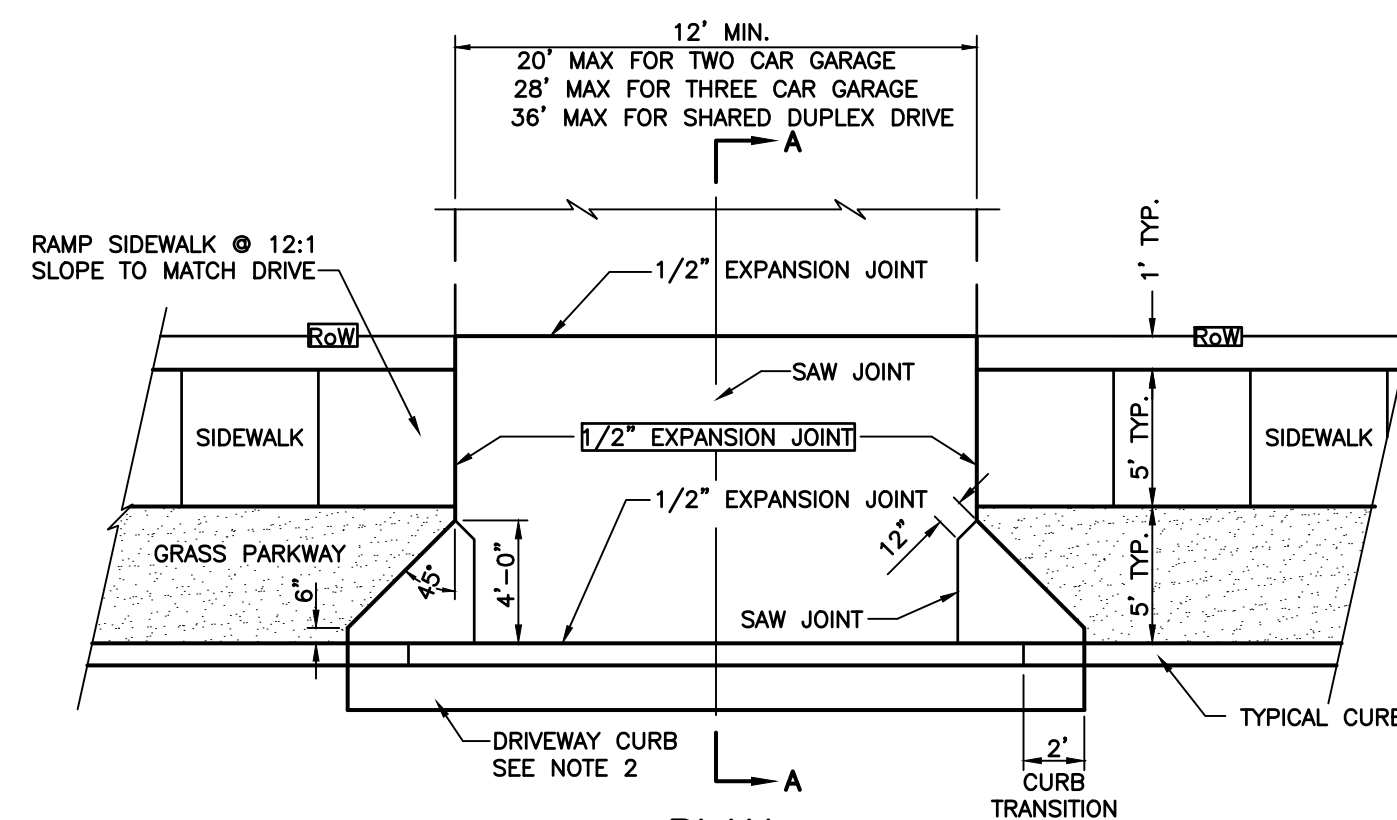
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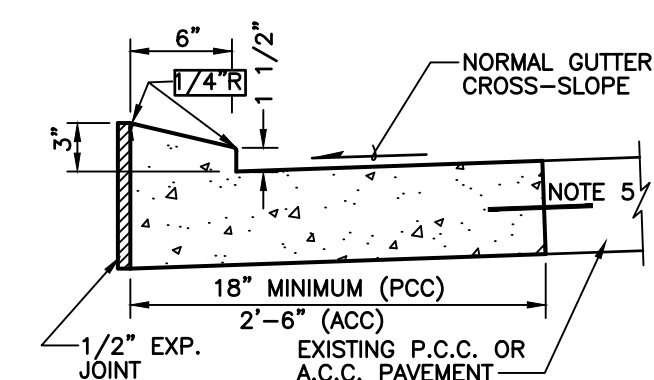
- NOTE:
- SIDEWALK SHALL BE 4" THICK MoDOT PAVEMENT CONCRETE.
 - INSTALL 1/2" EXPANSION JOINTS AT INTERSECTIONS, RAMP, STRUCTURES, DRIVEWAY APPROACHES, OR EVERY 100'.
 - INSTALL TRANSVERSE SAW JOINTS AT SPACING EQUAL TO SIDEWALK WIDTH.
 - STANDARD SIDEWALK PLACEMENT IS 12" FROM RIGHT OF WAY LINE.
 - NO STEEL TO BE PLACED THROUGH EXPANSION JOINT.
 - SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.00%.
 - DAMAGED SIDEWALK MUST BE PINNED TO EXISTING SIDEWALK.
 - WWR OR REBAR SHALL BE ACCURATELY PLACED AND FIRMLY HELD IN PLACE DURING CONCRETE PLACEMENT BY APPROVED METHODS. SEE SECTION 238.9.

DETAIL 1: SIDEWALK WITH GRASS PARKWAY
(NOT TO SCALE)

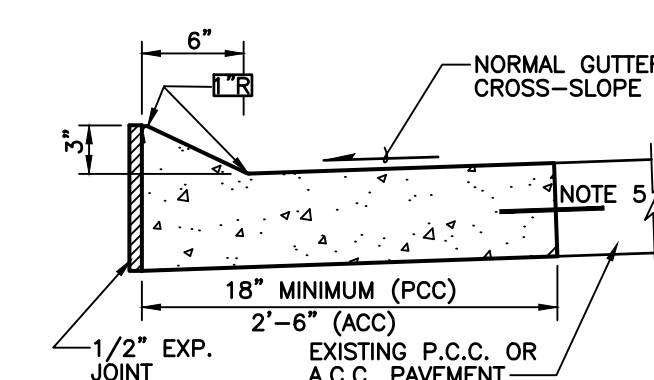


- NOTES:
- DRIVEWAY APPROACH SHALL BE 6" THICK MoDOT PAVEMENT CONCRETE ON COMPACTED SUBGRADE.
 - REPLACE STANDARD CURB & GUTTER SECTION WITH DRIVEWAY CURB SECTION. SEE DETAIL 400.02.
 - EXPANSION JOINT SHALL BE 1/2" PREFORMED CORK OR BITUMINOUS EXPANSION JOINT MATERIAL.
 - ALL DRIVEWAY APPROACHES SHALL SLOPE TOWARD THE STREET.
 - ALL DRIVEWAY APPROACHES SHALL BE CONSTRUCTED TO ACCOMMODATE SIDEWALKS. (EXISTING AND FUTURE) STANDARD SIDEWALK LOCATION IS 1 FT OFF OF ROW LINE.
 - DRIVEWAY APPROACH SHALL PROVIDE A MINIMUM 5' WIDE ACCESSIBLE SIDEWALK PASSING ZONE.
 - DRIVEWAY SLOPE ACROSS ACCESSIBLE SIDEWALK PASSING ZONE IS 1/8" PER FT. CROSS SLOPE SHALL NOT EXCEED 2.00%.
 - MINIMIZE SIDEWALK WARPING ADJACENT TO DRIVEWAY APPROACH.
 - GREENSPACE SLOPE WITHIN RIGHT OF WAY SHALL NOT EXCEED 3/4" PER FOOT.
 - DRIVEWAY MAY BE REINFORCED AT OWNER'S OPTION. ON CITY BID PROJECTS DO NOT REINFORCE.
 - MEASURE FROM TOP OF CURB.

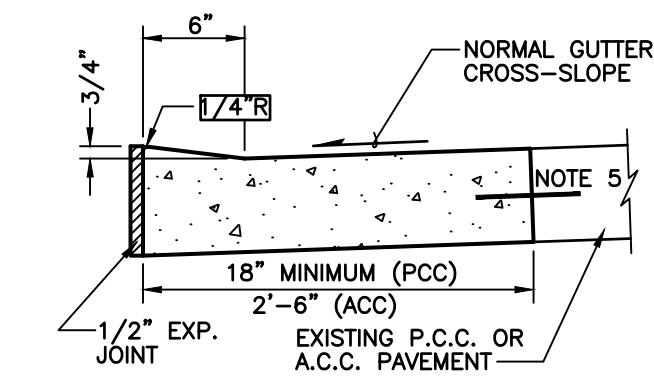
DETAIL 2: RESIDENTIAL DRIVEWAY
(NOT TO SCALE)



RESIDENTIAL DRIVEWAY CURB
MAXIMUM RISE (PREFERRED)



RESIDENTIAL DRIVEWAY CURB
MAXIMUM RISE (ALTERNATE)



RESIDENTIAL DRIVEWAY CURB
MINIMUM RISE

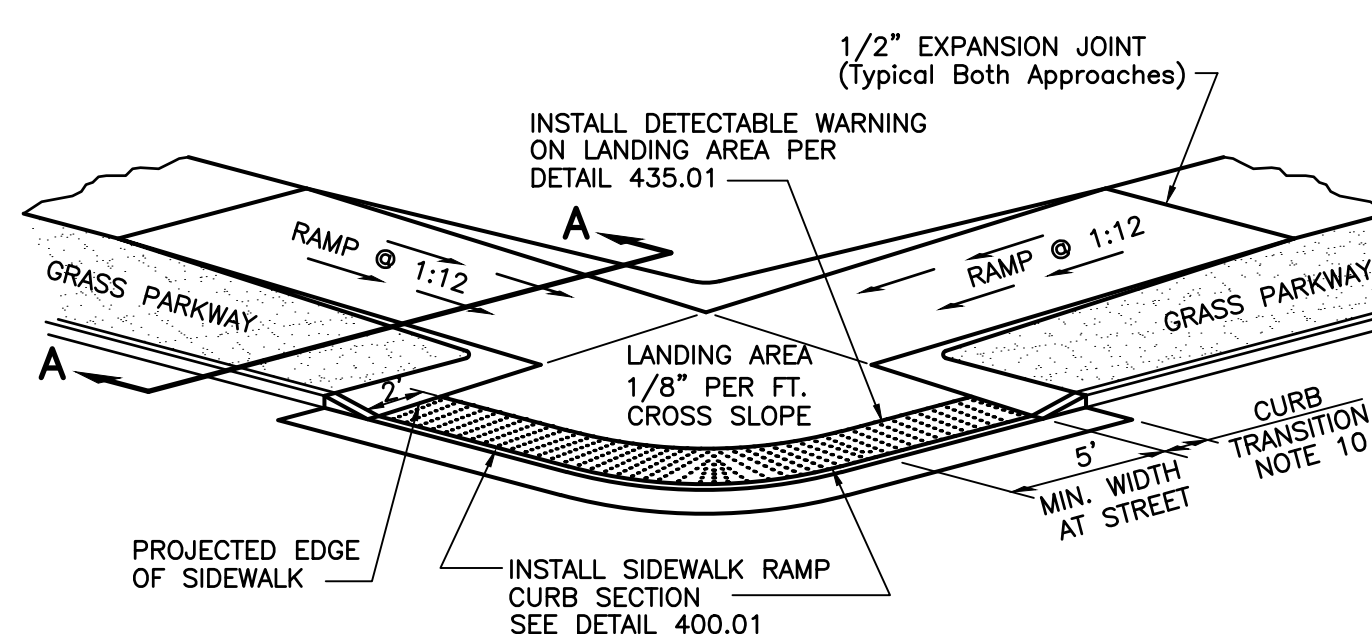
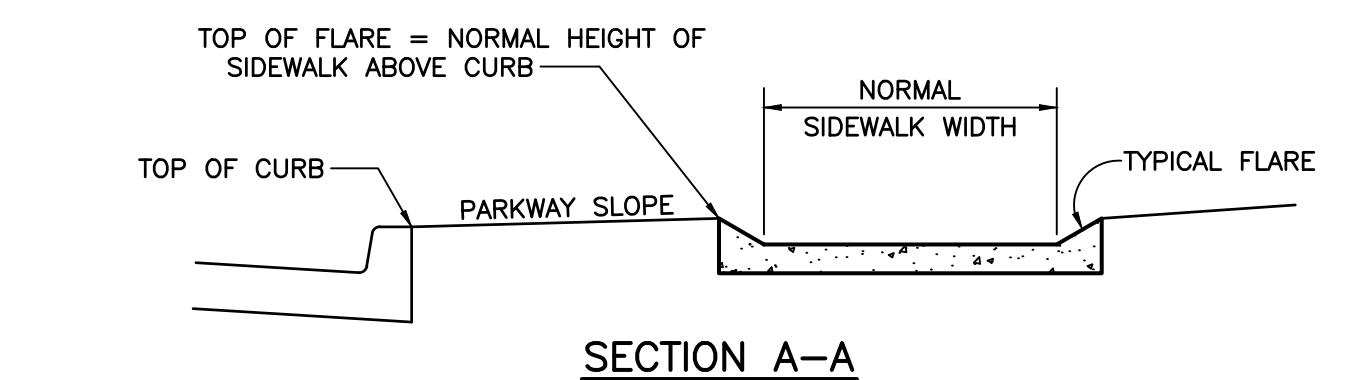
PCC PAVEMENT NOTES:

- CONCRETE SHALL BE MoDOT PAVEMENT CONCRETE.
- PAVEMENT THICKNESS SHALL MATCH EXISTING. BASE SHALL MATCH EXISTING.
- EXPANSION JOINTS AND CONTRACTION JOINTS SHALL BE PLACED AT LOCATIONS SIMILAR TO THE PAVEMENT WHICH WAS REMOVED.
- CURB EDGE SHALL BE TOOLED WITH 1/4" RADIUS
- WHERE EXISTING PAVEMENT IS P.C.C., LOW CURB REPLACEMENT SHALL BE DOWELED INTO EXISTING. 12" LONG #4 BARS AT 24" CTR. ALL DRILLED DOWEL BARS SHALL BE EXPOXIED.

ACC PAVEMENT NOTES:

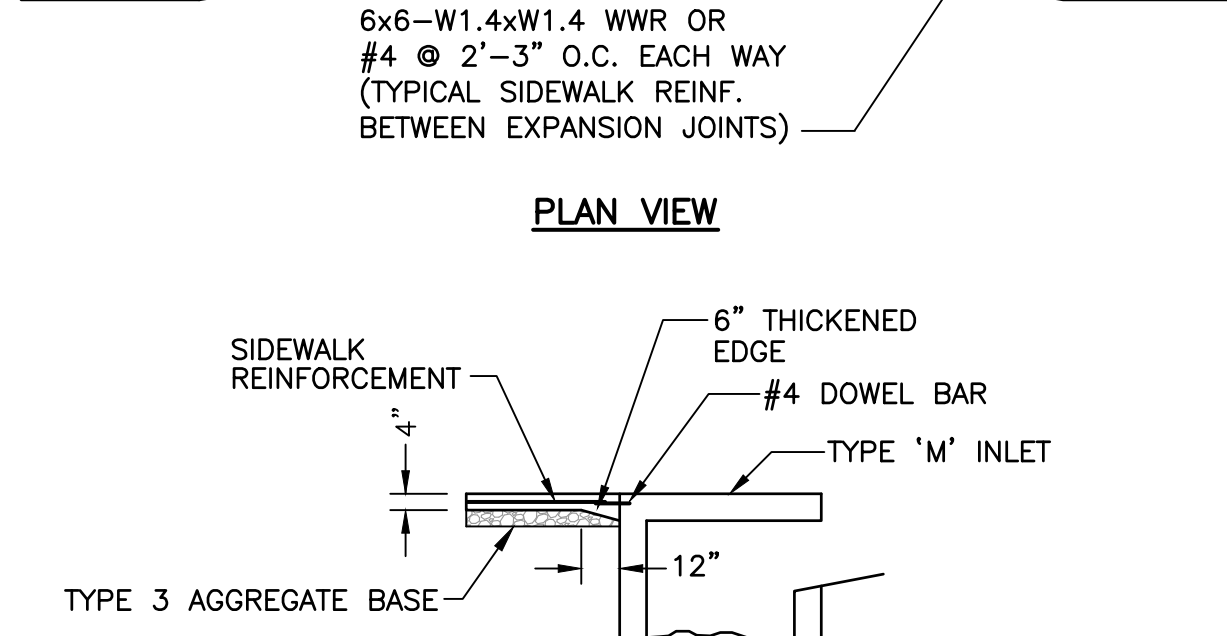
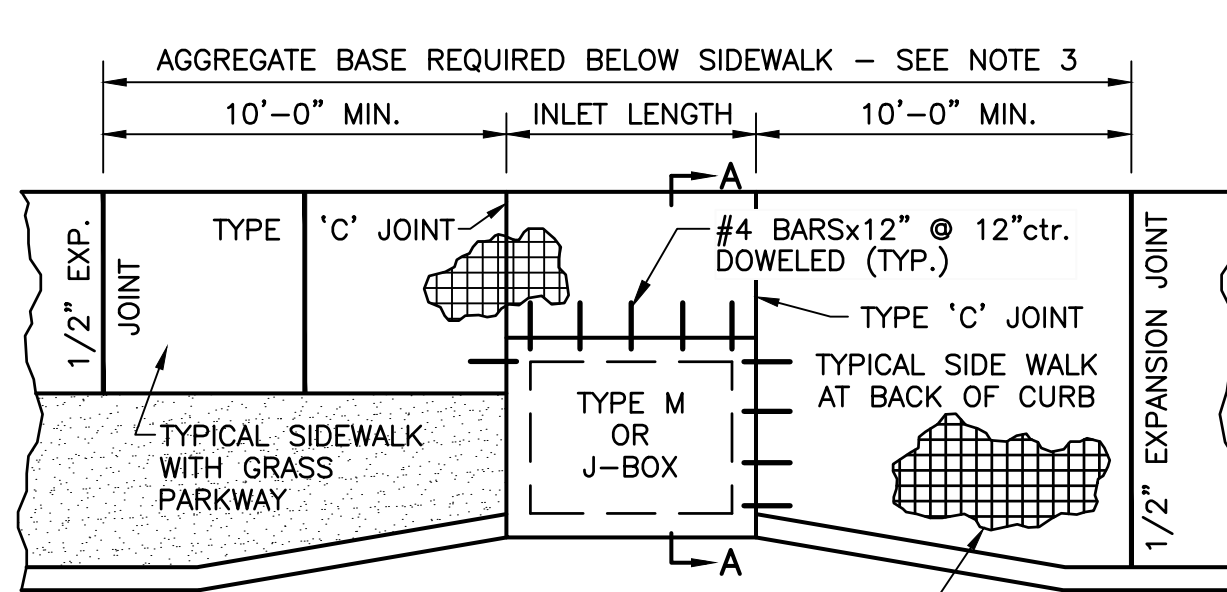
- CONCRETE SHALL BE MoDOT PAVEMENT CONCRETE.
- GUTTER THICKNESS SHALL MATCH EXISTING. BASE SHALL MATCH EXISTING.
- EXPANSION JOINTS AND CONTRACTION JOINTS SHALL BE PLACED AT LOCATIONS SIMILAR TO THE CURB AND GUTTER WHICH WAS REMOVED.
- CURB EDGE SHALL BE TOOLED WITH 1/4" RADIUS

DETAIL 3: CURB DETAILS (RESIDENTIAL DRIVEWAY)
(NOT TO SCALE)



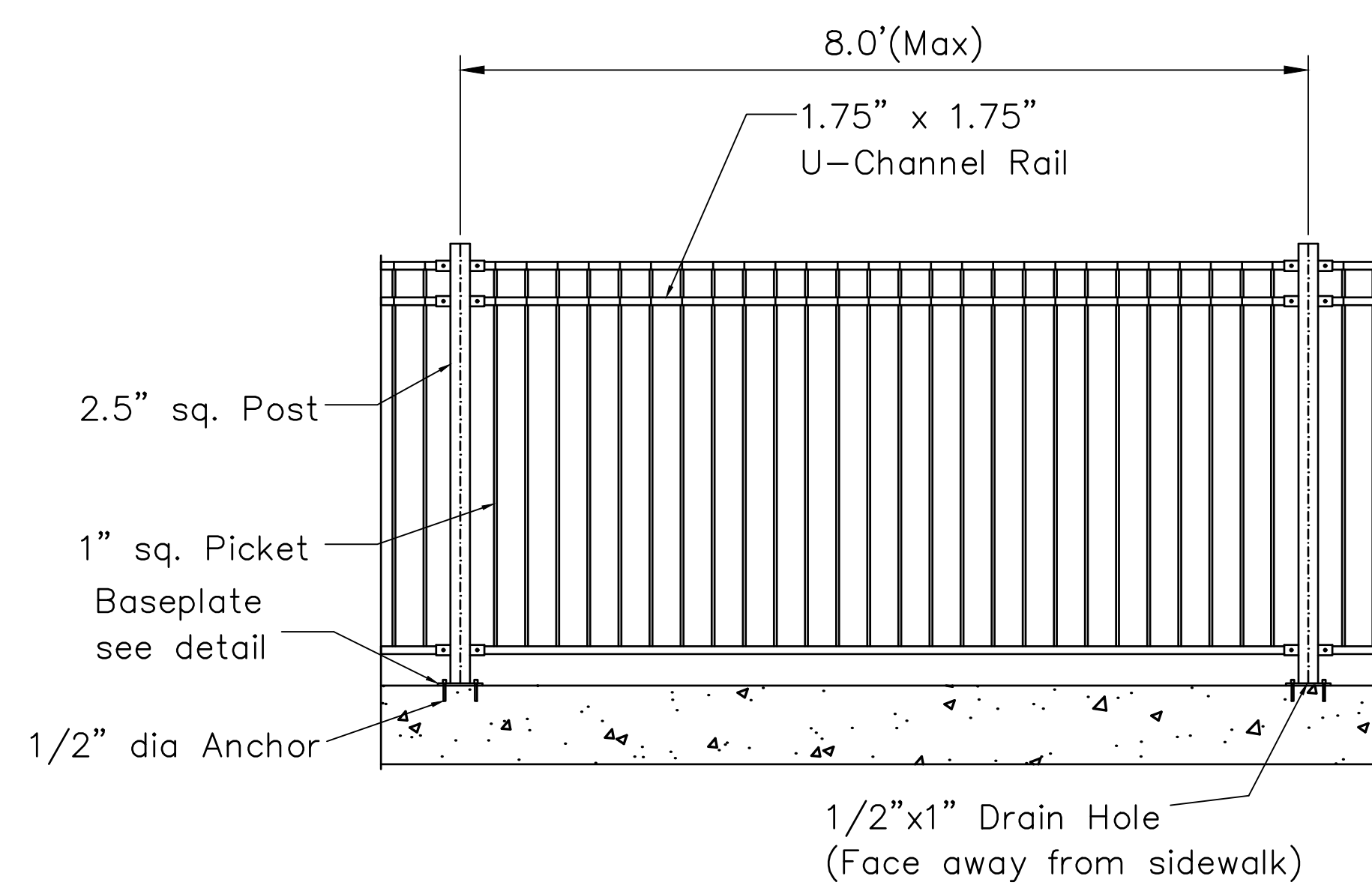
- NOTE:
- RAMP AND LANDING SHALL BE 6" THICK CLASS A CONCRETE WITH #4 BARS AT 12" O.C. E.W.
 - EXPANSION JOINT SHALL BE 1/2" PREFORMED CORK OR BITUMINOUS EXPANSION JOINT MATERIAL.
 - MAXIMUM RAMP CROSS SLOPE IS 2.00%.
 - ALL SLOPES ARE MEASURED FROM THE HORIZONTAL.
 - REPLACE STANDARD CURB SECTION WITH SIDEWALK RAMP CURB SECTION - DETAIL 400.01
 - RAMP LENGTH IS DEPENDENT ON 1:12 MAX. SLOPE. USE FLATTER WHEN POSSIBLE.
 - LANDING AREA SHALL BE 4'-0" MIN WIDTH, CROSS SLOPE OF LANDING SHALL NOT EXCEED 2.00%.
 - USE TYPE "B" RAMP ONLY IF TYPE "A" IS NOT FEASIBLE.
 - FLARES ARE REQUIRED AT RAMP TO KEEP GRASS PARKWAY SLOPES IN CONFORMANCE WITH THE TYPICAL CROSS SECTION. (SEE SECTION A-A)
 - CURB TRANSITION LENGTH IS DEPENDENT ON FLARE SLOPE

DETAIL 4: SIDEWALK RAMP WITH GRASS PARKWAY
(NOT TO SCALE)



- NOTES:
- SIDEWALK SHALL BE 4" THICK MoDOT PAVEMENT CONCRETE
 - REINFORCING STEEL SHALL BE GRADE 60
 - 4" THICK PROPERLY PLACED TYPE 3 AGGREGATE BASE
 - ALL DRILLED DOWEL BARS SHALL BE EXPOXIED.

DETAIL 5: SIDEWALK REINFORCEMENT AT DRAINAGE STRUCTURE
(NOT TO SCALE)



ORNAMENTAL FENCE DETAIL
Ameristar Fence - Montage plus
Jerith Fence - Windsor plus
Ultra Fence - UAF-200
(or equal)

DETAIL 6: STEEL PEDESTRIAN FENCE
(NOT TO SCALE)

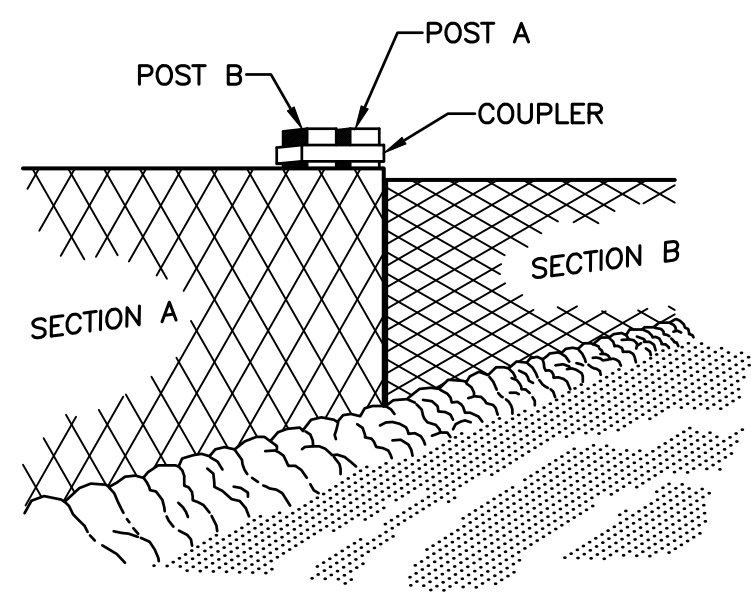
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Leslie Lane Sidewalk
Details Sheet

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Department of Public Works

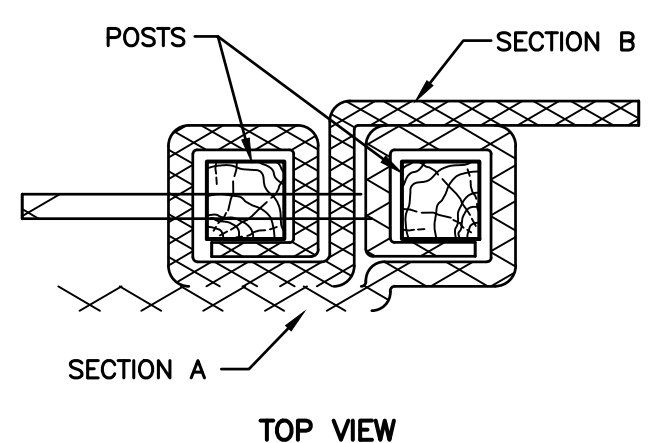
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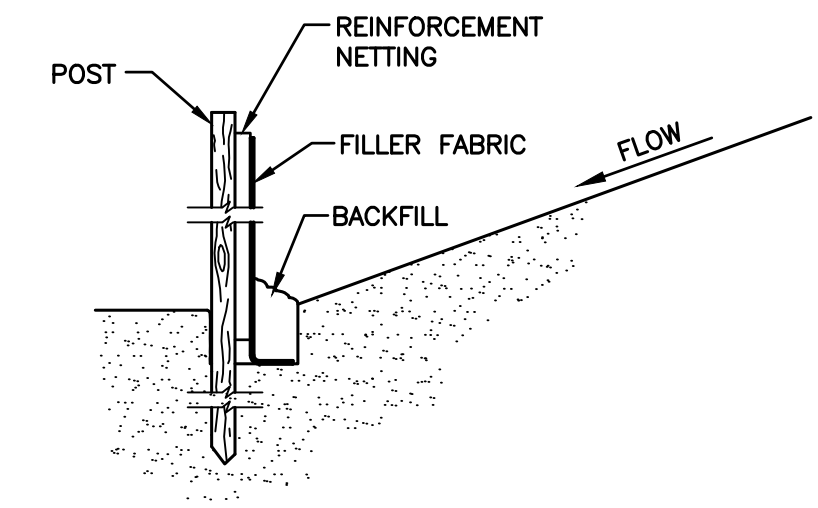


NOTE: SILT FENCE CAN BE INSTALLED ON AN AS NEEDED BASIS.

JOINING SECTIONS



TOP VIEW



TOE-IN METHOD

NOTES:

1. EXCAVATE A 6"x 6" TRENCH ALONG THE TOE OF SLOPE.
2. UNROLL ONE SECTION AT A TIME AND POSITION POSTS AGAINST THE DOWNSTREAM WALL OF THE TRENCH. REINFORCEMENT NETTING MUST BE ON DOWNSTREAM SIDE OF FLOW DIRECTION.
3. DRIVE POST INTO THE GROUND UNTIL THE REINFORCEMENT NETTING IS APPROXIMATELY 2' FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF THE FABRIC IN THE BOTTOM OF THE TRENCH, AND TAMP THE SOIL.
5. DOWNSTREAM END OF SILT FENCE SHALL BE TURNED INTO BACKSLOPE TO FORM ENCLOSURE.

DETAIL 7: SILT FENCE INSTALLATION
(NOT TO SCALE)

Revision	
By	
Date	
No.	

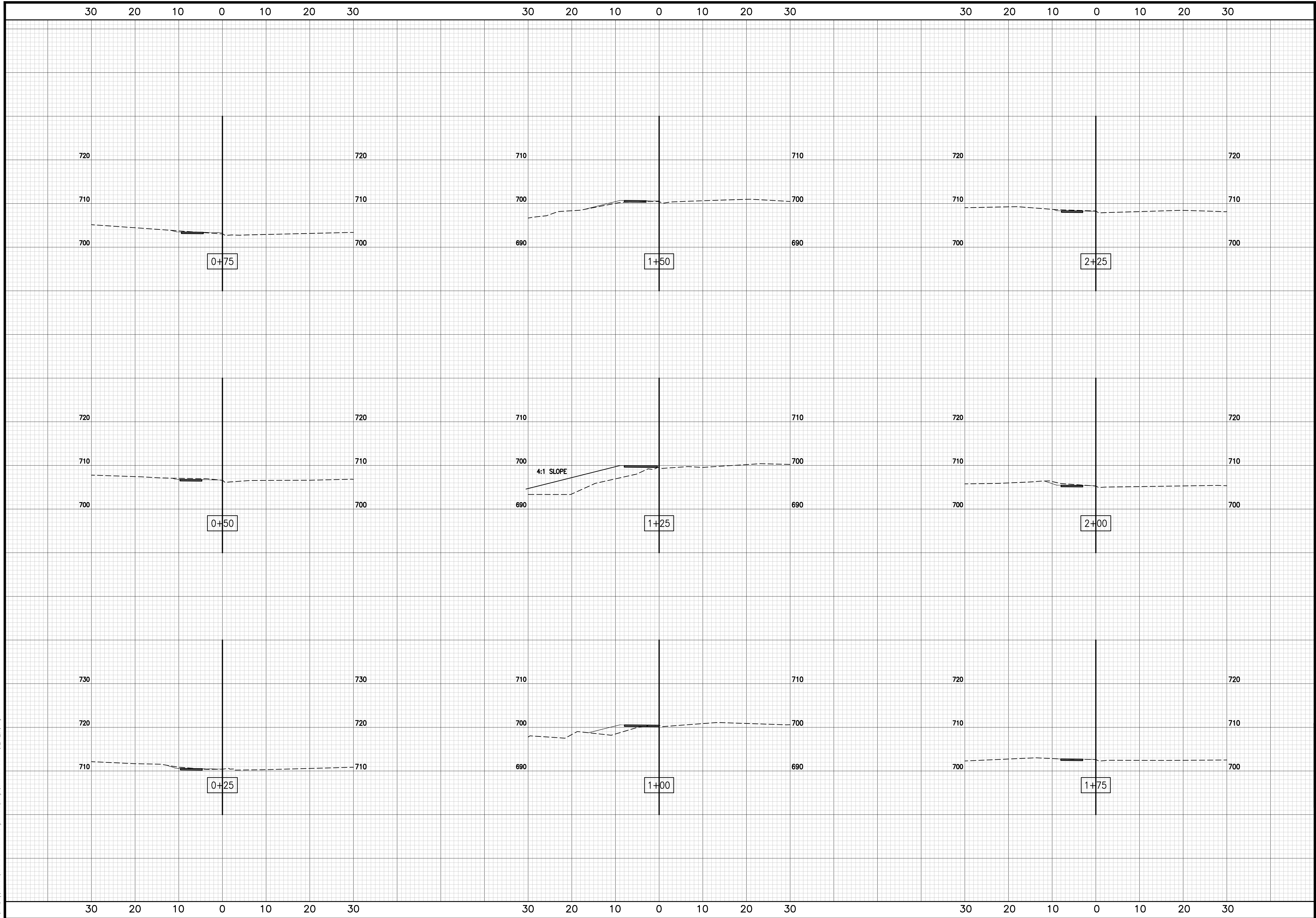
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o:\caddpro\sidewalk\leslie lane-- revision to gorth over\design\leslie lane sidewalk(03_10_20).dwg



Leslie Lane Sidewalk
Cross Sections

City of Columbia, Missouri

Department of Public Works

David Allen Nichols
Registered Professional Engineer
E-24212

File No. TAP-2101 (508)

Scale: 1"=10'

Date: 3/11/2020

Des. E.M.F.

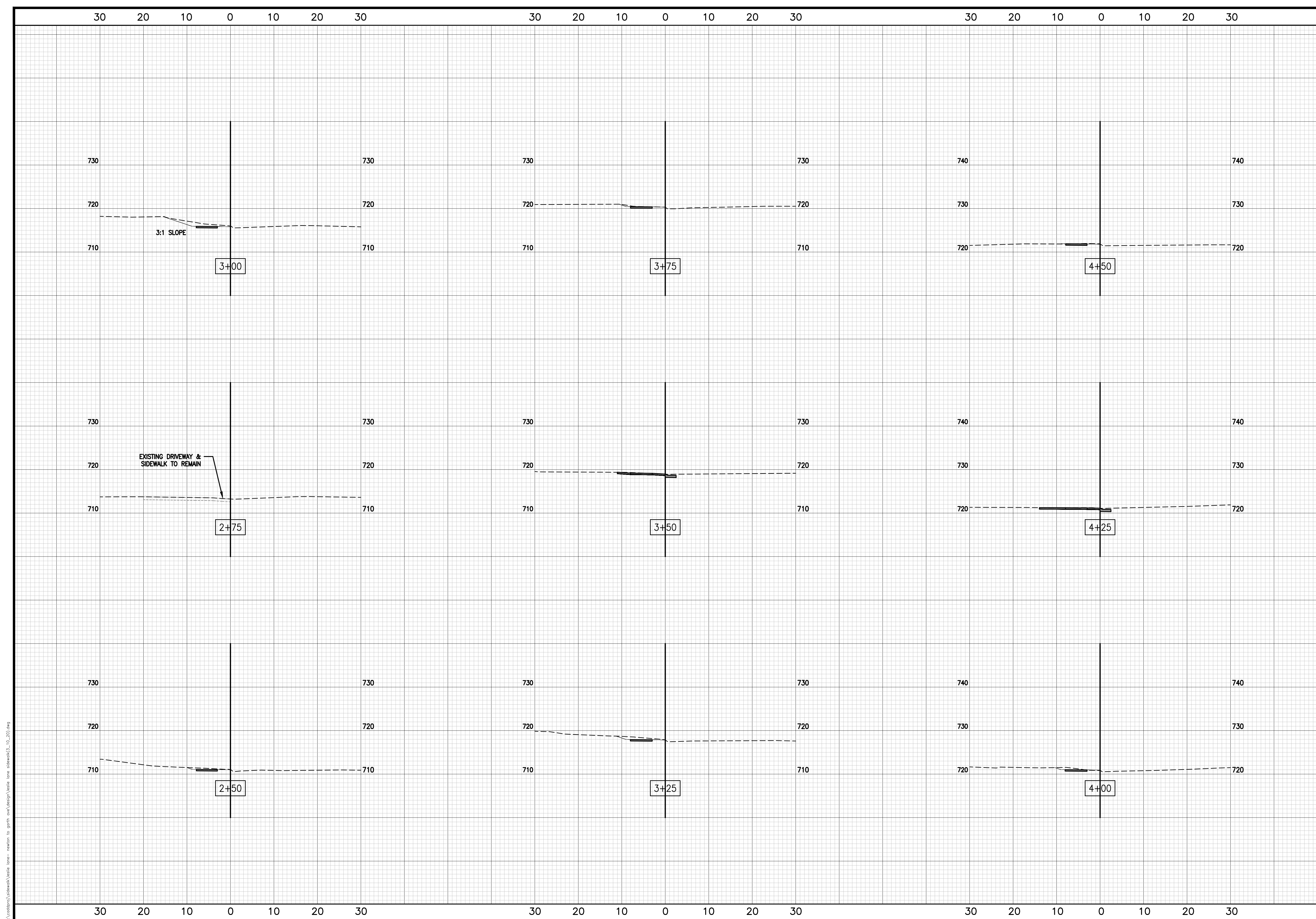
Dwn. T.L.W.

Chk. A.A.A.

Sheet

7 of 11

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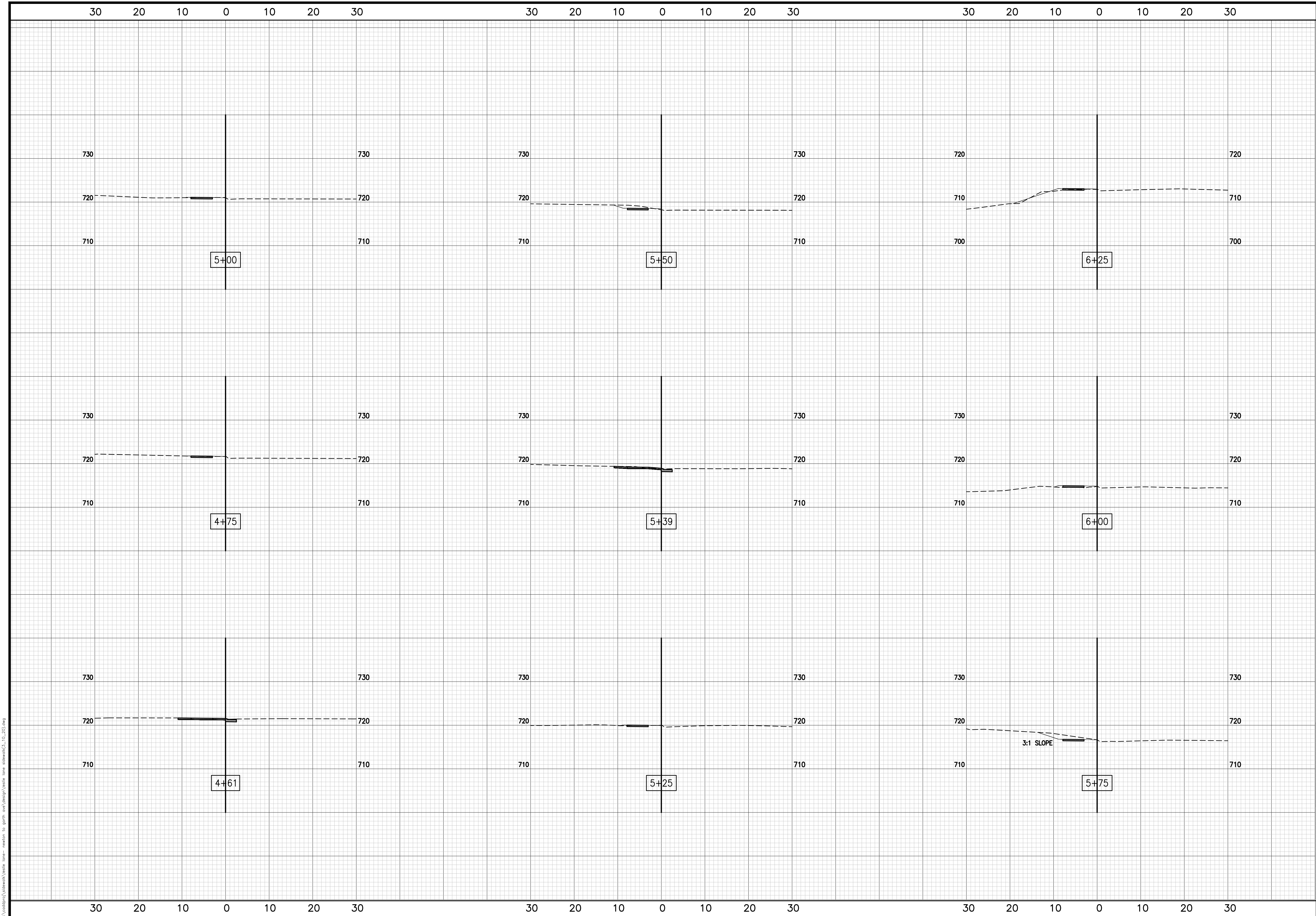
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Leslie Lane Sidewalk
Cross Sections

City of Columbia, Missouri
Department of Public Works

David Allen Nichols
Registered Professional
Engineer
E-24212

File No. TAP-2101 (508)
Scale: 1"=10'
Date: 3/11/2020
Des. E.M.F.
Dwn. T.L.W.
Chk. A.A.A.



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Leslie Lane Sidewalk
Cross Sections

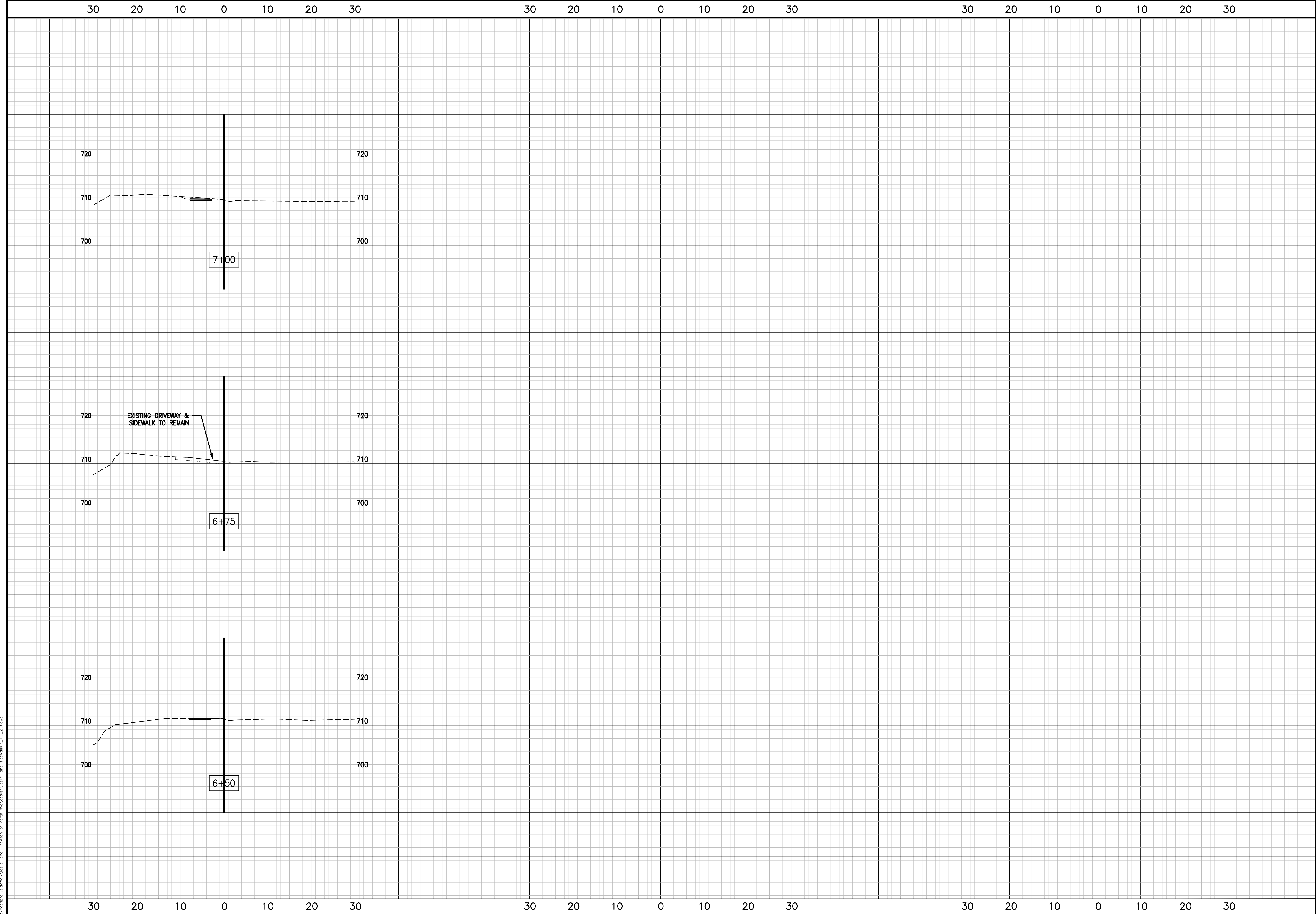
City of Columbia, Missouri
Department of Public Works

David Allen Nichols
Registered Professional Engineer
E-24212

File No. TAP-2101 (508)
Scale: 1"=10'

Date: 3/11/2020
Des. E.M.F.

Dwn. T.L.W.
Chk. A.A.A.



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Leslie Lane Sidewalk

Cross Sections

City of Columbia, Missouri

Department of Public Works

David Allen Nichols
Registered Professional Engineer
E-24212

File No. TAP-2101 (508)

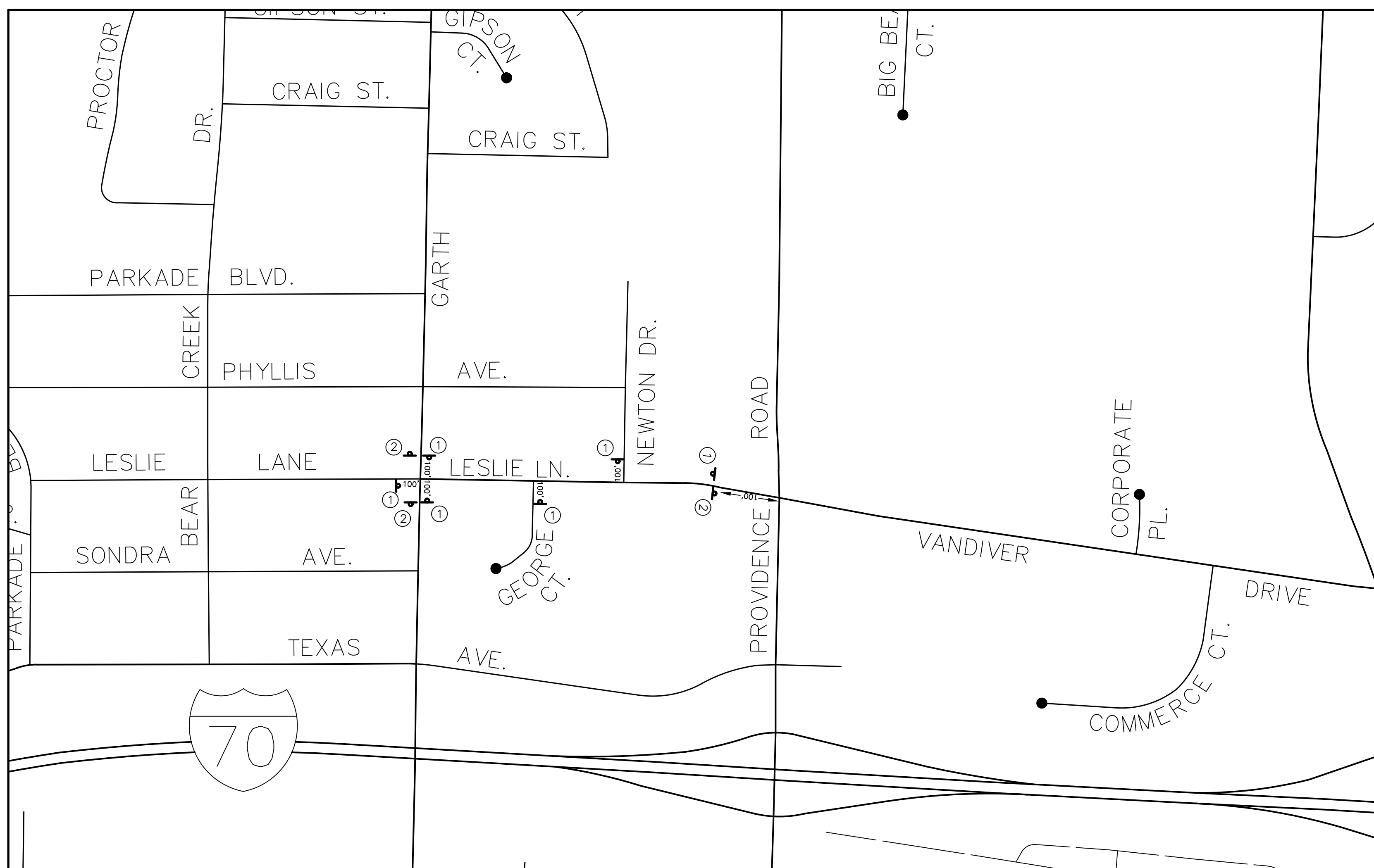
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Date: 3/11/2020

Des. E.M.F.

Dwn. T.L.W.

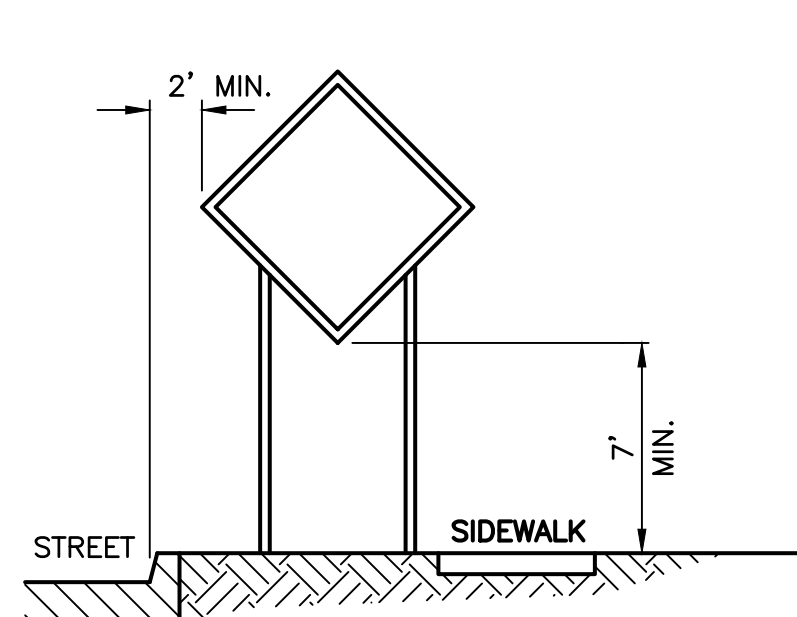
Chk. A.A.A.



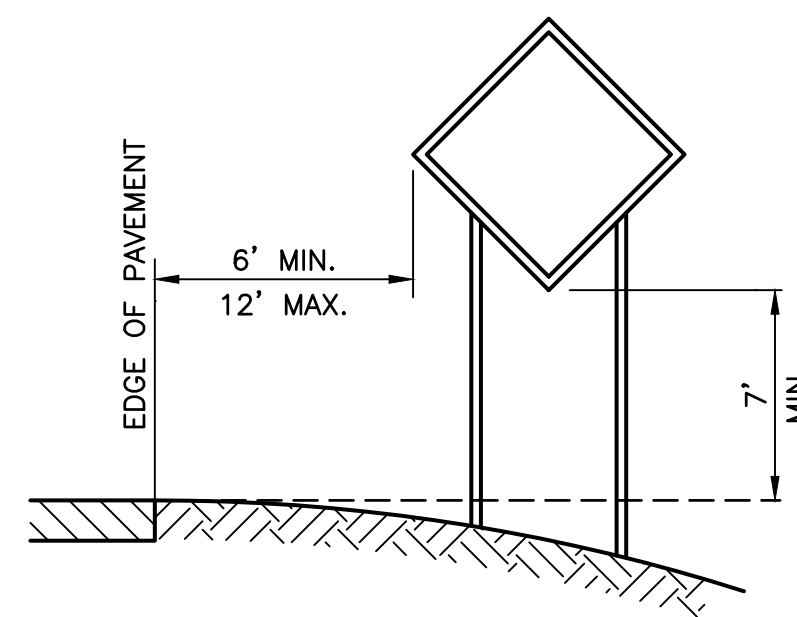
TRAFFIC CONTROL PLAN
SCALE: 1"=300'

TRAFFIC CONTROL GENERAL NOTES:

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT ALL BARRICADES, SIGNS, OTHER TRAFFIC CONTROL DEVICES AND PLACEMENT THEREOF SHALL CONFORM TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE CONTRACTOR SHALL NOTIFY THE CITY JOINT COMMUNICATIONS OFFICE OF ALL ROAD CLOSURES OR LANE REDUCTIONS IN ADVANCE. JOINT COMMUNICATIONS PHONE NUMBER IS (573) 874-7400.
- TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION. ACTUAL QUANTITIES WILL DEPEND ON THE CONTRACTOR'S CONSTRUCTION SEQUENCE AND PROGRESS. NO MEASUREMENT WILL BE MADE OF ACTUAL QUANTITIES. QUANTITIES SHOWN ARE APPROXIMATE.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE CONSTRUCTION ZONE TO THE MAXIMUM EXTENT PRACTICABLE.
- CONTRACTOR SHALL INSTALL AND MAINTAIN PROJECT SIGN SUPPLIED BY THE CITY THROUGHOUT CONSTRUCTION CONTRACT. SIGN SHALL BE REMOVED BY CONTRACTOR AT PROJECT COMPLETION.
- NO OPEN TRENCHES WILL BE ALLOWED OVERNIGHT OUTSIDE OF THE "ROAD CLOSED" AREA. ASPHALTIC "COLD MIX" SHALL BE USED AS A TEMPORARY PATCH OVERNIGHT. TEMPORARY PATCHING SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
- ALL OPEN TRENCHES ARE TO BE BARRICADED WITH CONSTRUCTION FENCING.
- THE DISTANCE BETWEEN TEMPORARY TRAFFIC CONTROL SIGNS MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



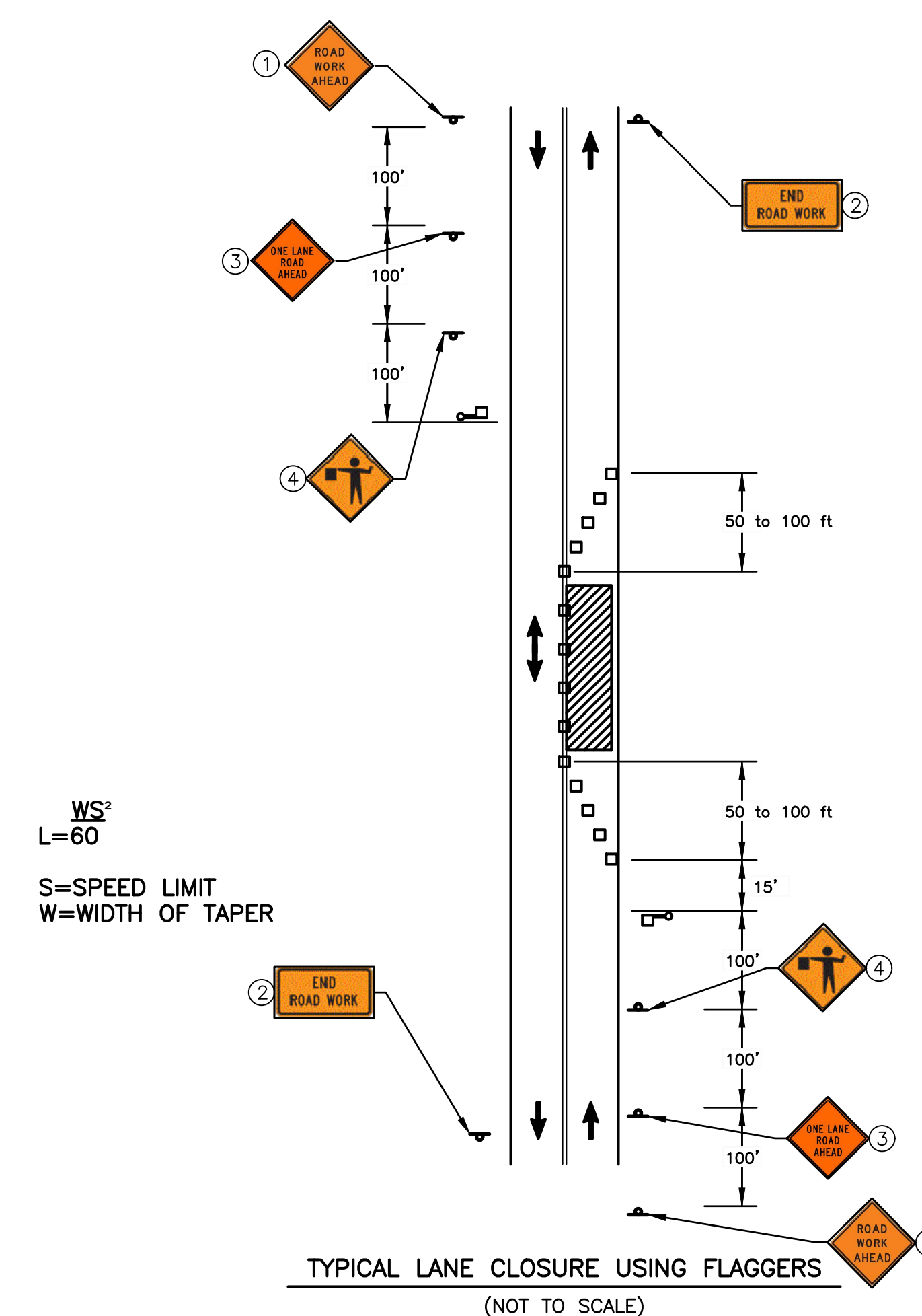
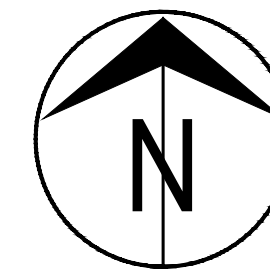
CURB & GUTTER MOUNTING



NON-CURB & GUTTER MOUNTING

NOTE: SUPPORT POSTS SHALL NOT EXTEND ABOVE SIGN UNLESS DISTANCE PLAQUE OR WARNING LIGHTS ARE SPECIFIED.

SIGN MOUNTING
(NOT TO SCALE)

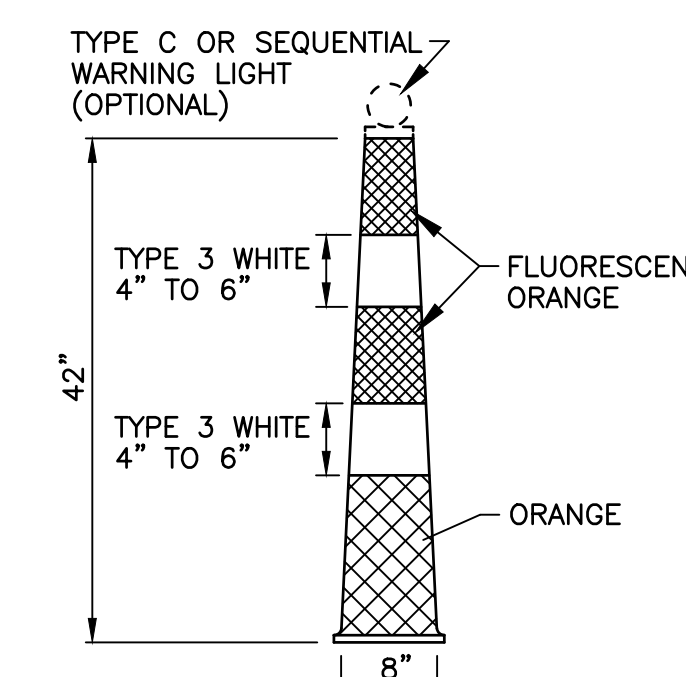
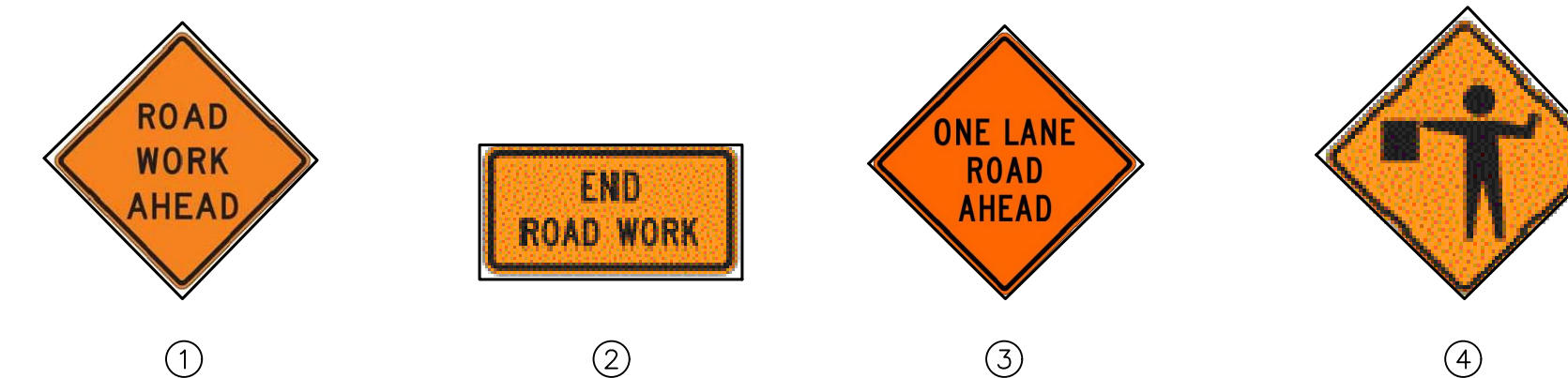


TYPICAL LANE CLOSURE USING FLAGGERS
(NOT TO SCALE)

MUTCD CODE	DESCRIPTION	SIZE	QUANTITY
① W20-1	"ROAD WORK AHEAD"	36"x36"	6
② G20-2	"END ROAD WORK"	36"x18"	3
③ W20-4	"ONE LANE ROAD AHEAD"	36"x36"	2
④ W20-7	FLAGGER SIGN	36"x36"	2

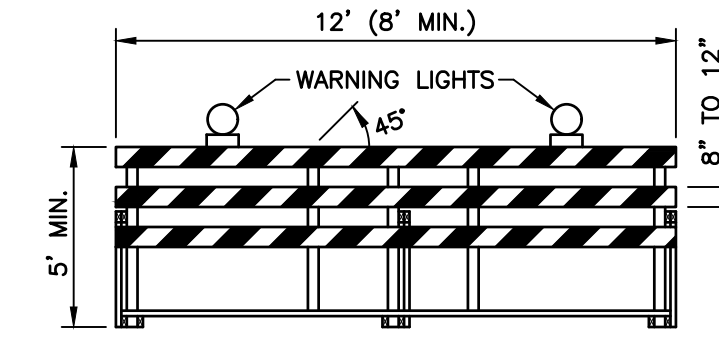
LEGEND

①	SIGN
□	CHANNELIZER
▬	FLAGGER
▨	WORK ZONE



REFLECTIVE SHEETING APPLIED TO CHANNELIZERS SHALL BE REBOUNDABLE MEETING ASTM D 4956.

TRIM LINE CHANNELIZER
N.T.S.



- NOTES:
- NOMINAL LUMBER DIMENSIONS ARE SATISFACTORY FOR BARRICADE RAIL WIDTH DIMENSIONS.
 - RAIL STRIPE WIDTHS SHALL BE 6". THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.
 - ALL TYPE III BARRICADES SHALL HAVE TWO TYPE B WARNING LIGHTS.
 - STRIPES ON BARRICADE RAILS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION ROAD USERS ARE TO PASS.

TYPE III BARRICADE

Revision	By	Date	No.

Leslie Lane Sidewalk
Traffic Control Sheet

City of Columbia, Missouri
Department of Public Works

David Allen Nichols
Registered Professional Engineer
E-24212

File No. TAP-2101 (508)
Scale: 1" = 20'
Date: 3/11/2020
Des. E.M.F.
Dwn. T.L.W.
Chk. A.A.A.

o:\vtd\p\05\sidewalk\leslie lane- newton to garth ave\sidewalk\leslie lane sidewalk(2)_10_2019.dwg

2015 Orthophoto Source: Boone County Assessor