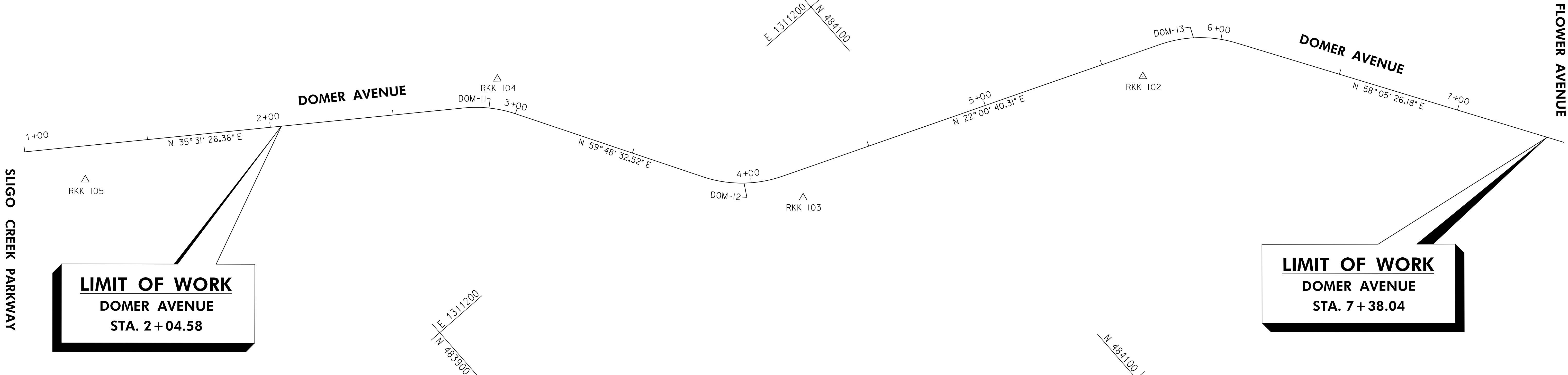
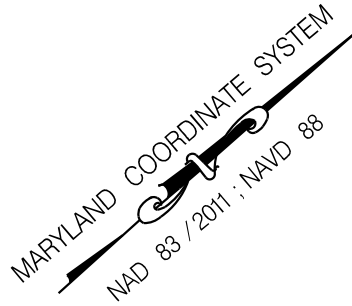


BASELINE CONTROL COORDINATES – DOMER AVENUE				
POINT DESC.	STATION	NORTH	EAST	BEARING
POT	1+00.00	483,821.7478	1,311,034.1408	N 35° 31' 26.36" E
PC	2+78.87	483,967.3235	1,311,138.0709	
PI	2+89.63	483,976.0790	1,311,144.3217	
PT	3+00.06	483,981.4890	1,311,153.6203	N 59° 48' 32.52" E
PC	3+79.95	484,021.6621	1,311,222.6697	
PI	3+97.06	484,030.2703	1,311,237.4655	
PT	4+12.93	484,046.1404	1,311,243.8810	N 22° 00' 40.31" E
PC	5+74.89	484,196.2976	1,311,304.5826	
PI	5+91.18	484,211.3949	1,311,310.6857	
PT	6+06.38	484,220.0024	1,311,324.5092	N 58° 05' 26.18" E
POT	7+45.14	484,293.3474	1,311,442.2998	

CURVE DATA – DOMER AVENUE							
CURVE	DELTA	Dc	RADIUS	TANGENT	LENGTH	EXTERNAL	CHORD
DOM-11	24° 17' 06.16" (RT)	114° 35' 29.61"	50.00'	10.76'	21.19'	1.14'	21.03'
DOM-12	37° 47' 52.21" (LT)	114° 35' 29.61"	50.00'	17.12'	32.98'	2.85'	32.39'
DOM-13	36° 04' 45.87" (RT)	114° 35' 29.61"	50.00'	16.28'	31.49'	2.59'	30.97'



TRAVERSE POINTS				
POINT NO.	NORTH	EAST	ELEVATION	DESCRIPTION
RKK100	484,825.7582	1,311,308.5486	272.71'	REBAR & CAP
RKK101	484,337.2151	1,311,446.1460	263.60'	REBAR & CAP
RKK102	484,183.3067	1,311,311.0829	253.28'	X-CUT
RKK103	484,046.7196	1,311,255.9761	233.70'	REBAR & CAP
RKK104	483,985.2536	1,311,138.1438	215.69'	REBAR & CAP
RKK105	483,832.7794	1,311,058.8134	190.79'	REBAR & CAP
RKK106	484,083.5509	1,310,745.3952	204.64'	REBAR & CAP
RKK107	483,892.0563	1,310,374.4143	210.27'	REBAR & CAP

CITY OF TAKOMA PARK
DOMER AVENUE SIDEWALK IMPROVEMENTS
FROM FLOWER AVENUE TO
SLIGO CREEK PARKWAY

GEOMETRY SHEET

SCALE 1"=20' DATE OCTOBER 2022 CONTRACT NO. T.B.D.

DESIGNED BY TMB COUNTY MONTGOMERY
DRAWN BY TMB LOGMILE
CHECKED BY RJG
F.A.P. NO. T.B.D.

DRAWING NO. SHEET NO. 1 OF 4

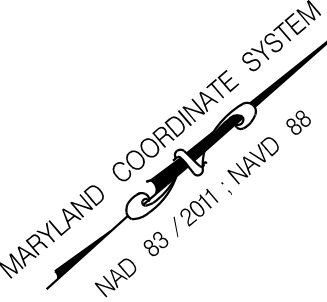


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- NOTES:
- SEE SHEET 4 FOR TREE REMOVAL TABLE, RECOMMENDED TREE PROTECTION, AND DETAILS.
 - WHERE LOD INTERFERES WITH CRZ, ROOT PRUNE ALONG LOD OR EDGE OF EXCAVATION AS DIRECTED BY THE CITY'S URBAN FOREST MANAGER.
 - FLEXIBLE POROUS PAVING MAY BE USED FOR SIDEWALK WHERE CRITICAL ROOT ZONES EXIST. PROPOSED LOCATIONS WILL REQUIRE FURTHER CONSULTATION WITH THE CITY'S URBAN FOREST MANAGER.
 - CONCRETE BACKING CURB DETAIL IS LOCATED ON SHEET 3.
 - DETAILS A THROUGH G ARE LOCATED ON SHEET 3.
 - STATIONS AND OFFSETS ARE PROVIDED AT THE FACE OF CURB.



SLIGO CREEK PARKWAY

DOMER AVENUE

DOMER AVENUE

FLOWER AVENUE

LIMIT OF WORK
DOMER AVENUE
STA. 2 + 04.58

LIMIT OF WORK
DOMER AVENUE
STA. 7 + 38.04

LEGEND

- PROPOSED CONCRETE DRIVEWAY APRON
- PROPOSED CONCRETE SIDEWALK
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE UNIT PAVERS
- DETECTABLE WARNING SURFACE
- TREE TO BE REMOVED
- TREE NUMBER
- CRITICAL ROOT ZONE



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CITY OF TAKOMA PARK
DOMER AVENUE SIDEWALK IMPROVEMENTS
FROM FLOWER AVENUE TO
SLIGO CREEK PARKWAY

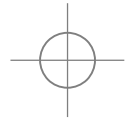
ROADWAY PLAN

SCALE 1"=20' DATE OCTOBER 2022 CONTRACT NO. T.B.D.

DESIGNED BY TMB COUNTY MONTGOMERY
DRAWN BY TMB LOGMILE
CHECKED BY RJG
F.A.P. NO. T.B.D.

DRAWING NO. SHEET NO. 2 OF 4

PLOTTED: 10/19/2022
FILE: \\ad.rkk.com\FIS\Cloud\Projects\2020\20166_takomapark\Task 4_Domer Ave Sidewalk\CADD\plans\pHD-0001_Domer.dgn



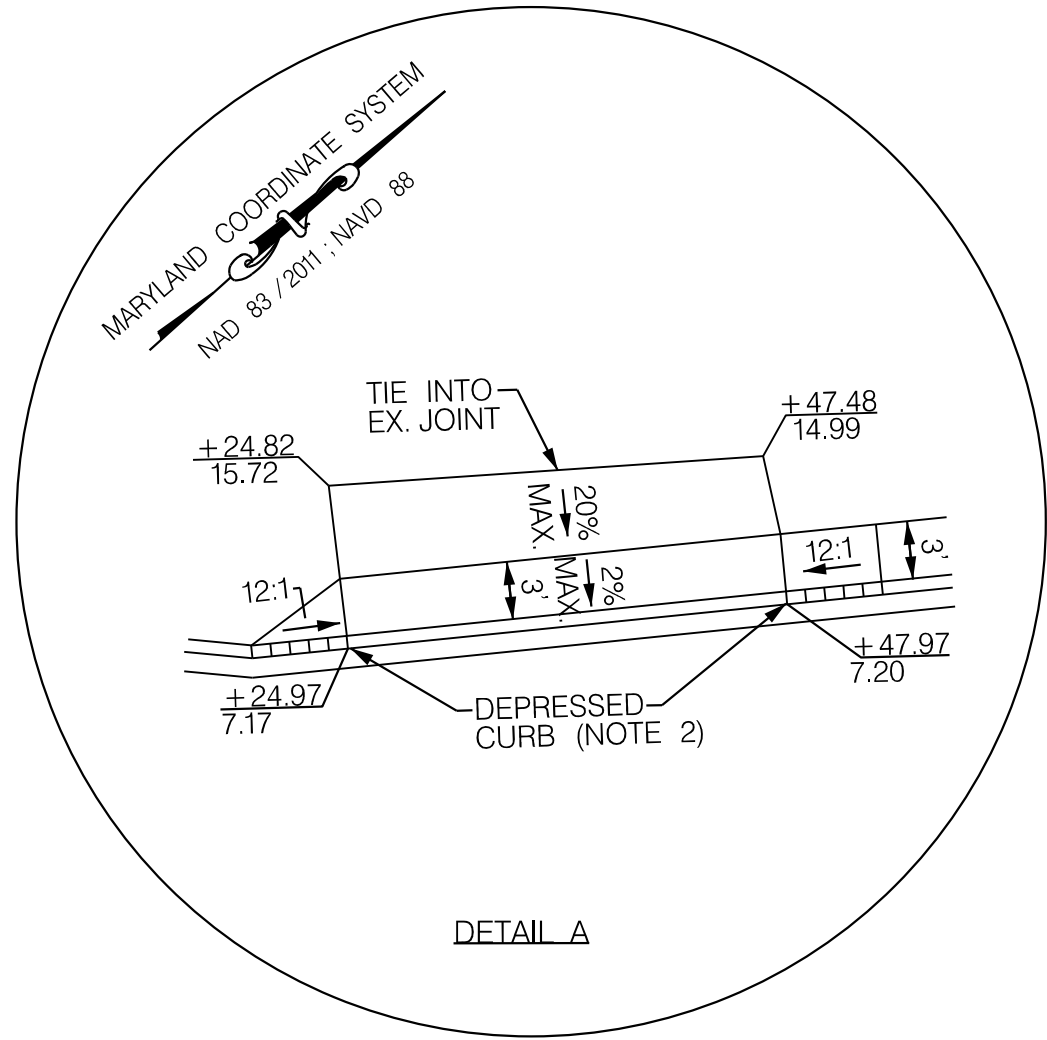
BY: tboecher -



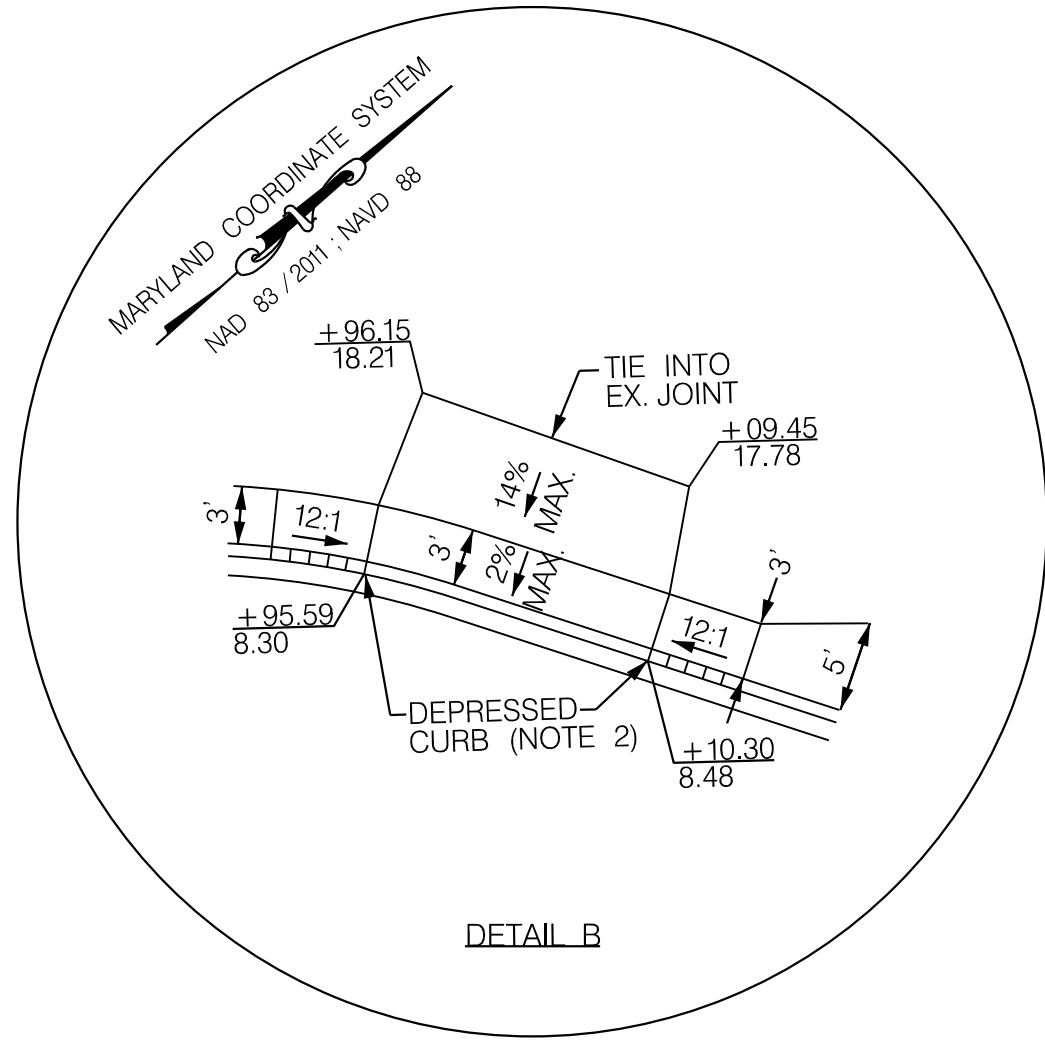
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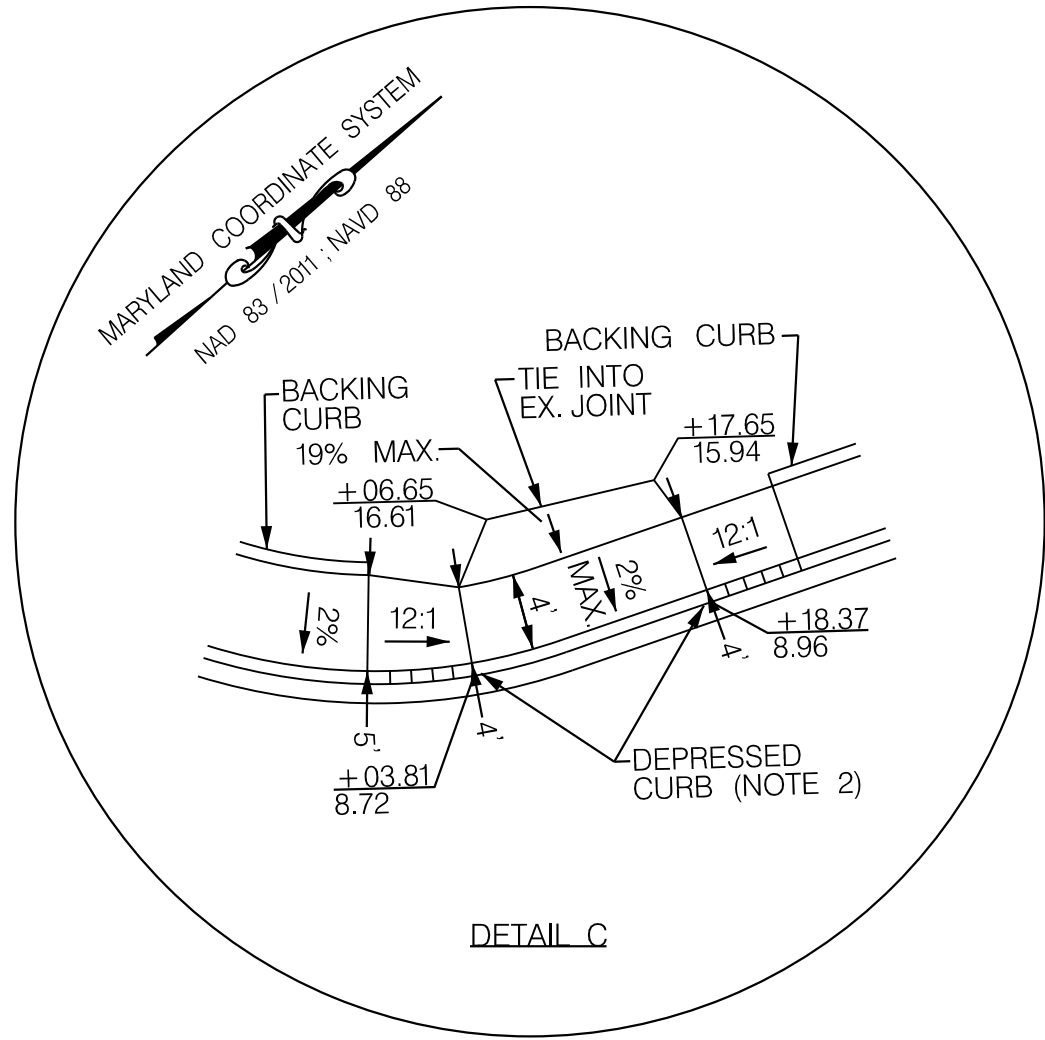
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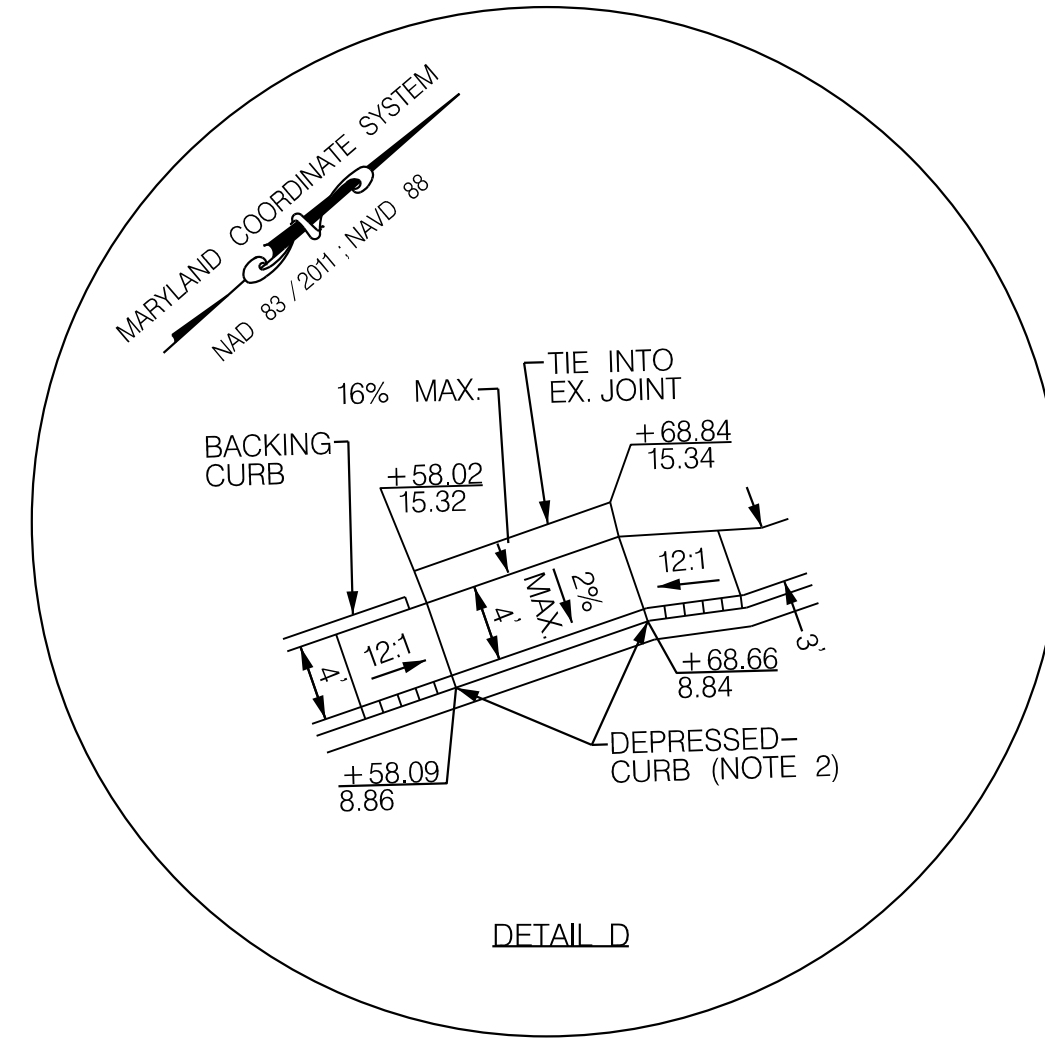
DETAIL A



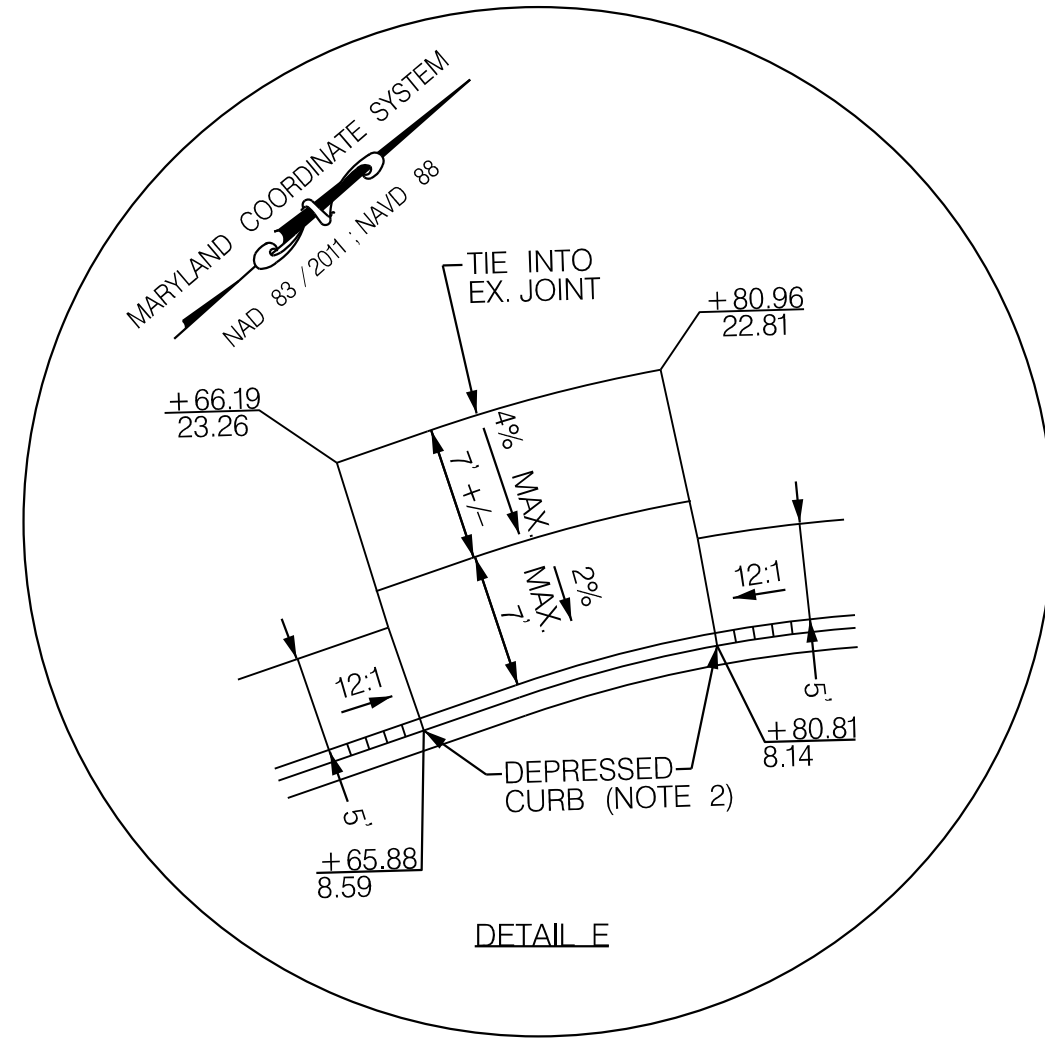
DETAIL B



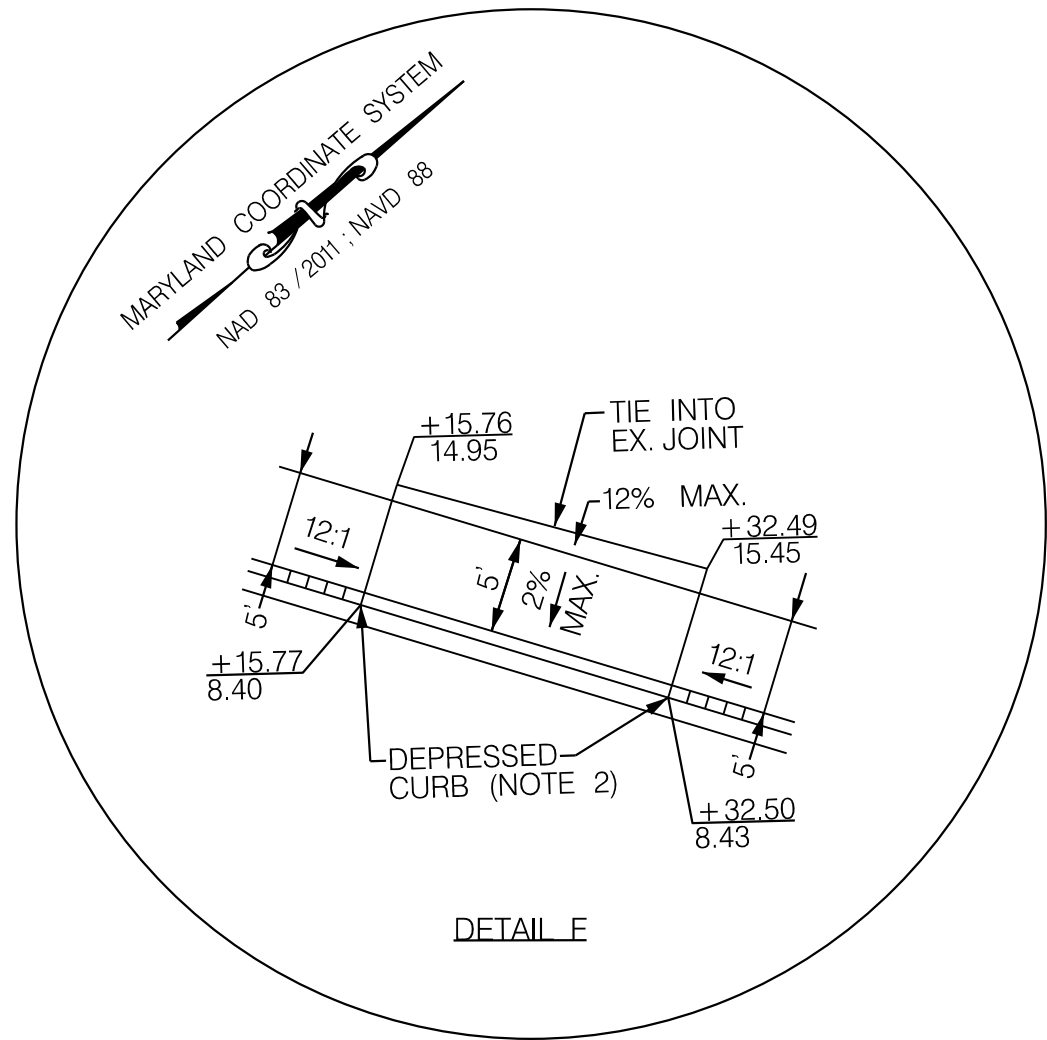
DETAIL C



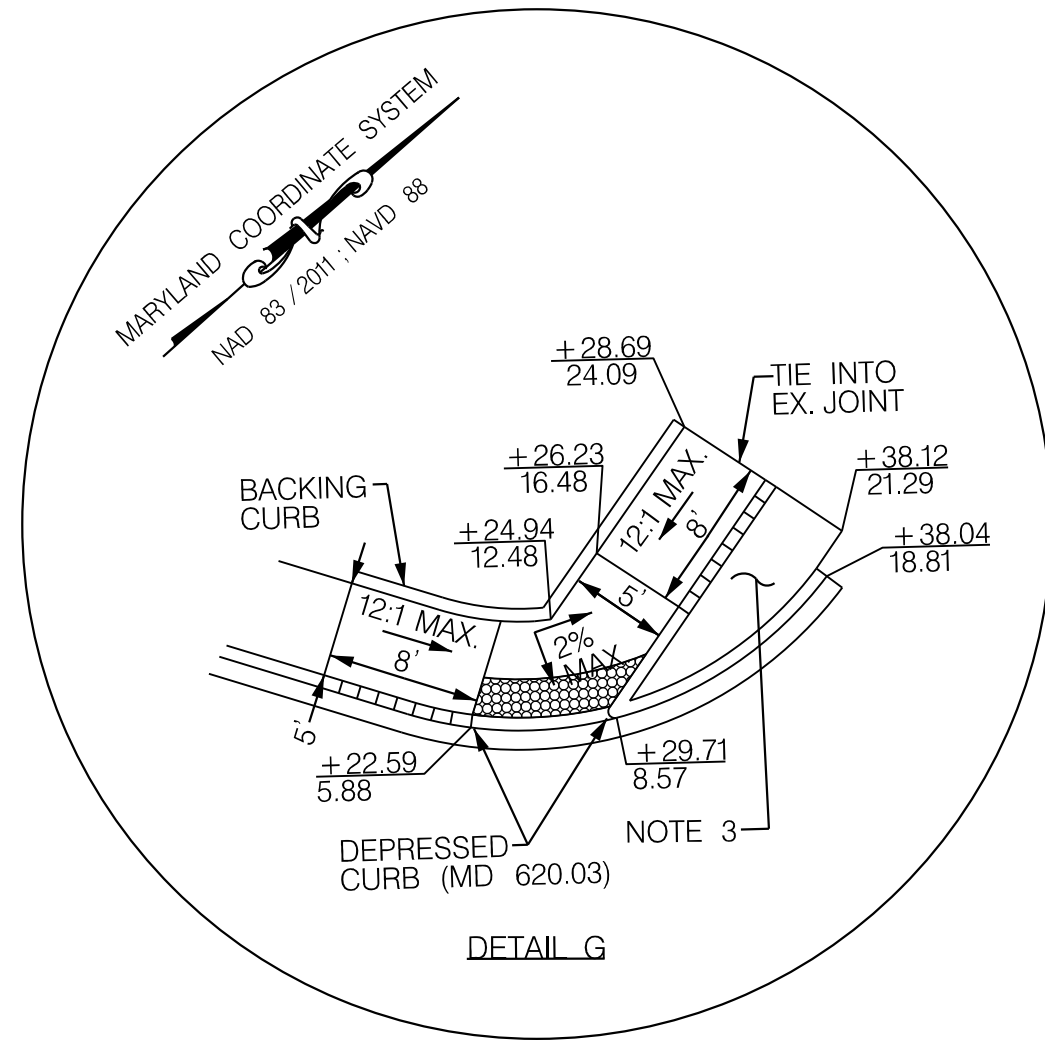
DETAIL D



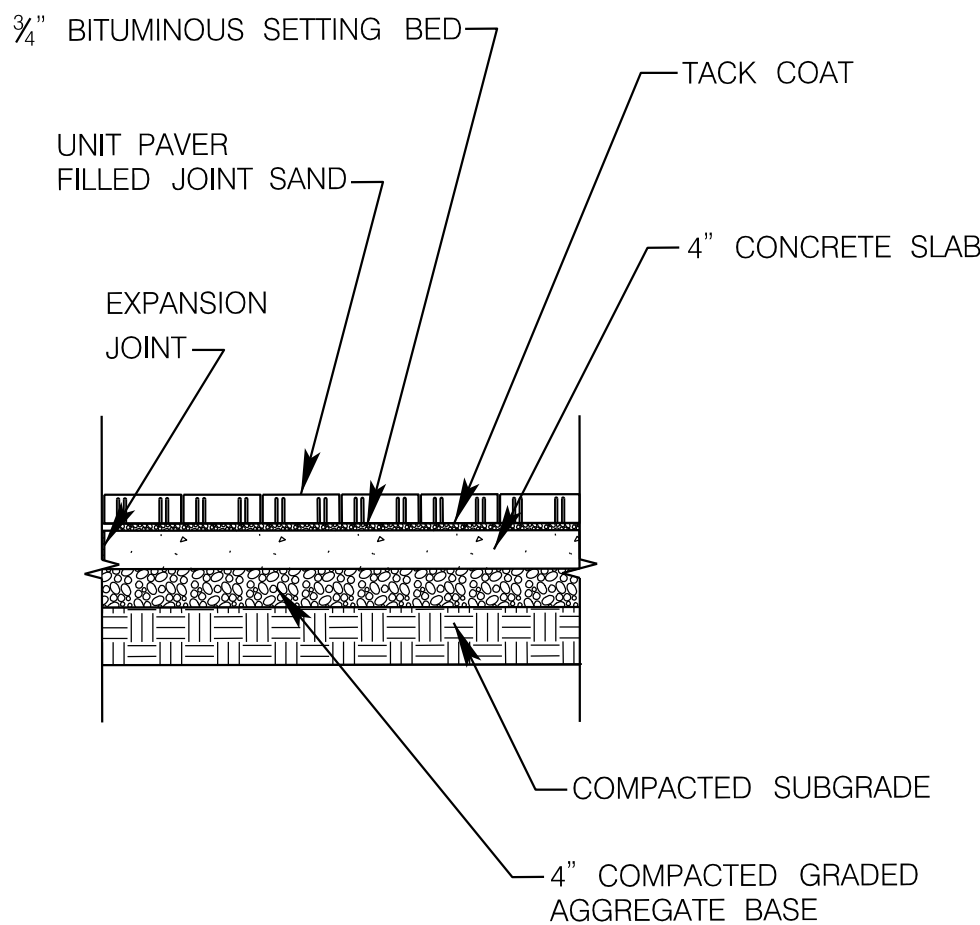
DETAIL E



DETAIL F



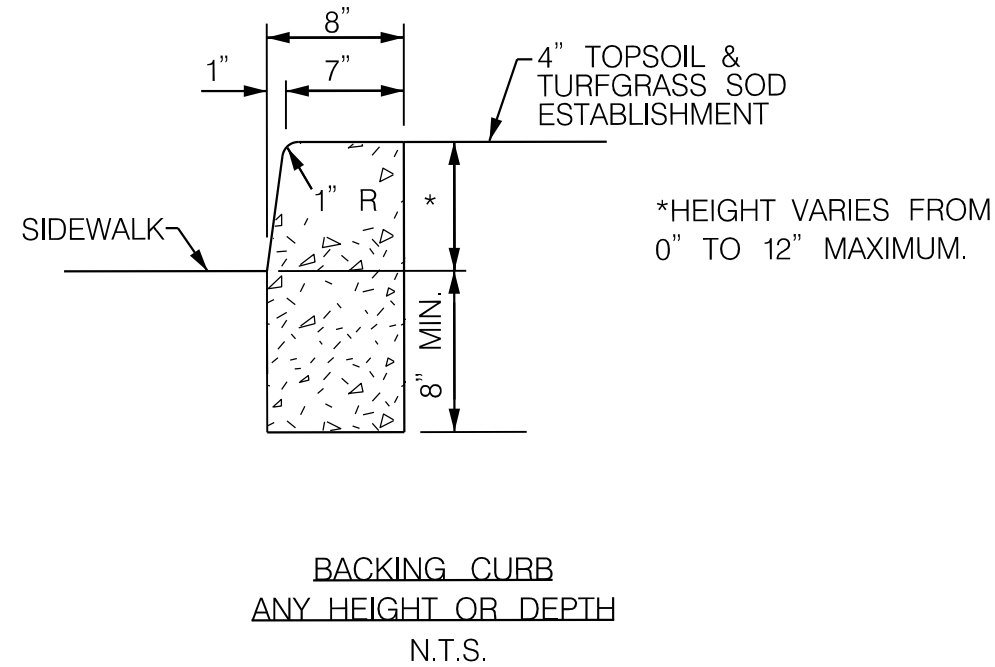
DETAIL G



NOTE:
CITY OF TAKOMA PARK MAY HAVE AVAILABLE
CONCRETE PAVERS IN THEIR MAINTENANCE STOCK.
IF NOT, THE FOLLOWING MANUFACTURERS ARE
ACCEPTABLE FOR LIMESTONE GRAY CONCRETE
PAVERS.

HANOVER PREST PAVERS, WWW.HANOVERPAVERS.COM
BELGARD PAVERS, WWW.BELGARD.COM

CONCRETE UNIT PAVERS
N.T.S.



NOTE:
MAXIMUM JOINT SPACING FOR CONCRETE CURB AND COMBINATION
CURB & GUTTER IS 10'.

BACKING CURB SHALL BE CONSTRUCTED AT THE FOLLOWING LOCATIONS:
-STATION 3+50.90 TO STATION 3+97.30 (12" MAX.)
-STATION 4+23.38 TO STATION 4+57.14 (12" MAX.)
-STATION 5+29.06 TO STATION 5+50.00 (6" MAX.)
-STATION 6+50.00 TO STATION 7+05.28 (12" MAX.)
-STATION 7+14.48 TO STATION 7+28.69 (12" MAX.)

- NOTES:
1. LABELS FOR STATIONS AND OFFSETS ALONG ROADWAY CURB ARE LOCATED AT THE FACE OF CURB.
 2. DRIVEWAYS SHALL BE CONSTRUCTED WITH DEPRESSED CURB PER MDSA STD. 620.02-01, TYPE C.
 3. REMOVE, SALVAGE AND REUSE CONCRETE UNIT PAVERS, PROVIDE ADDITIONAL PAVERS TO MATCH EXISTING LIMESTONE GRAY COLOR. SEE DETAIL THIS SHEET.
 4. DETECTABLE WARNING SURFACE COLOR SHALL BE RED.

CITY OF TAKOMA PARK
DOMER AVENUE SIDEWALK IMPROVEMENTS
FROM FLOWER AVENUE TO
SLIGO CREEK PARKWAY

DETAIL SHEET

SCALE 1"=10' DATE OCTOBER 2022 CONTRACT NO. T.B.D.

DESIGNED BY TMB COUNTY MONTGOMERY
DRAWN BY TMB LOGMILE
CHECKED BY RJG
F.A.P. NO. T.B.D.

DRAWING NO. SHEET NO. 3 OF 4

PLOTTED: 10/20/2022
FILE: \\ad.rkk.com\FS\Cloud\Projects\2020\20166_takomapark\Task 4_Domer Ave Sidewalk\CADD\plans\pDE-0001_Domer.dgn

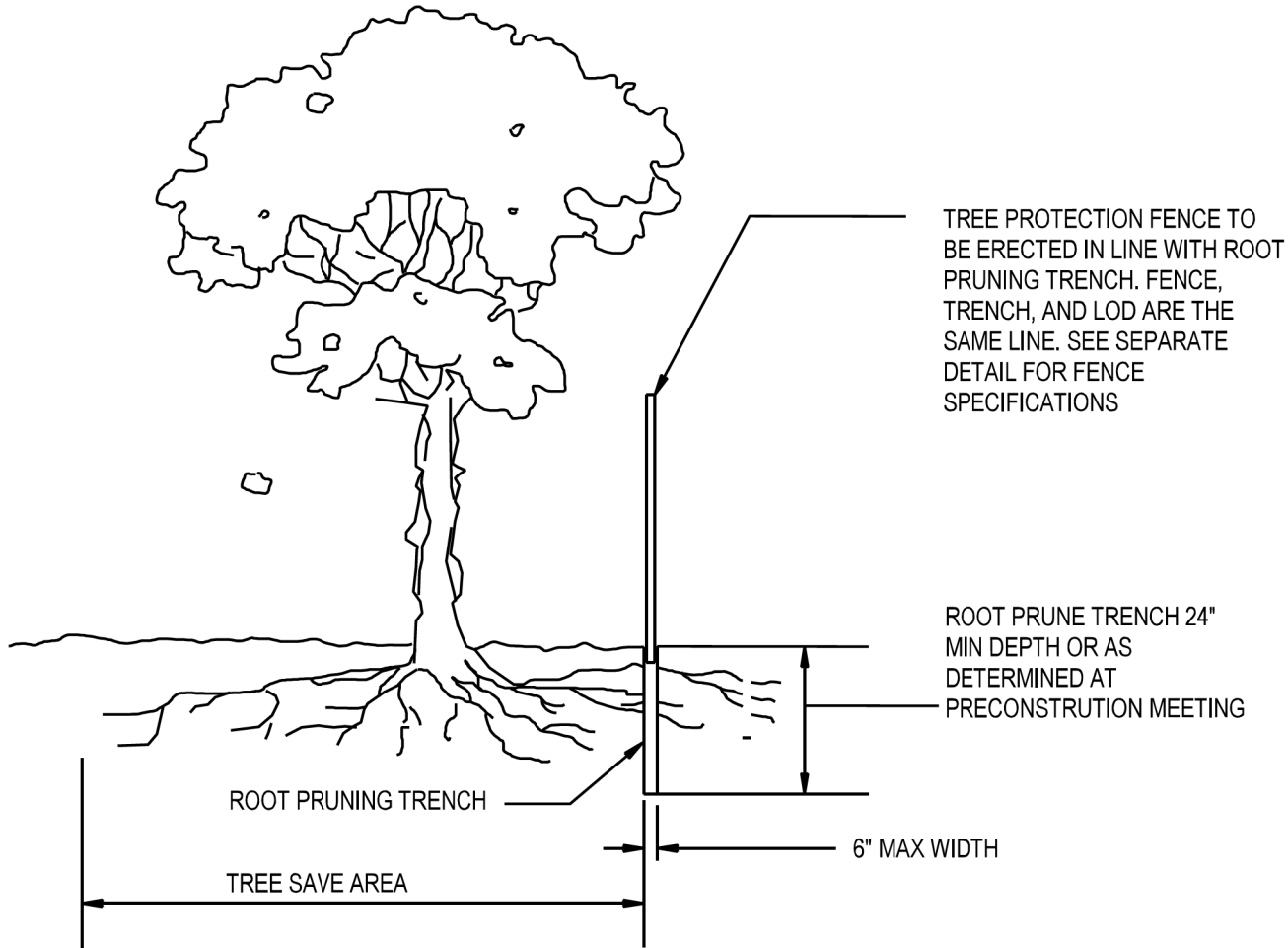


BY: tboecher -

DOMER AVENUE TREE INVENTORY TABLE							
Tree ID	Common Name	Scientific Name	DBH	Condition	Comments	Remove (Yes/No)	Final Recommendations
T-1	Red maple	<i>Acer rubrum</i>	20	Good-Fair	Minor exposed, girdling roots. Dead branches	No	Root pruning and air spading. Aeration matting, flexible porous paving
T-2	Red maple	<i>Acer rubrum</i>	5	Good	Minor exposed roots. Growing into fence	Yes	Recommend for removal.
T-3	Tulip poplar	<i>Liriodendron tulipifera</i>	49	Fair	Improperly pruned branches. Next to power lines. Exposed roots	No	Use root aeration matting for any uncovered roots. Flexible porous paving
T-4	Tulip poplar	<i>Liriodendron tulipifera</i>	23	Fair-Poor	Sparse canopy. Branch dieback. Damaged bark	Yes	Recommend for removal. Leave as stump to reduce impact to surrounding trees.
T-5	Tulip poplar	<i>Liriodendron tulipifera</i>	24	Fair	Vines on trunk. Pruned in canopy. Branch dieback	No	Root prune along LOD.
T-6	Tulip poplar	<i>Liriodendron tulipifera</i>	14	Fair	Heavy vines into canopy. Interfering canopy	No	None
T-7	Eastern hemlock	<i>Tsuga canadensis</i>	4	Good		No	Root prune along LOD.
T-8	Tulip poplar	<i>Liriodendron tulipifera</i>	15	Fair	Growing on slope. Vines on trunk. Slight lean. Exposed roots. Photo 8067.	No	None - Avoid disturbance to existing wall.
T-9	Tulip poplar	<i>Liriodendron tulipifera</i>	20	Fair	Heavy vines into canopy. Thin crown.	Yes	Recommend for removal.
T-10	Mockernut hickory	<i>Carya tomentosa</i>	11	Good	Growing on slope. Minor exposed roots.	No	None - Avoid disturbance to existing wall.
T-11	Eastern hemlock	<i>Tsuga canadensis</i>	8	Fair-Poor	Odd growth structure. Vines. Multistem 8x6x6x5x4	No	Root prune along LOD.
T-12	Tulip poplar	<i>Liriodendron tulipifera</i>	29	Fair	Growing on slope. Vines. Branch dieback	No	None - Avoid disturbance to existing wall.
T-13	Tulip poplar	<i>Liriodendron tulipifera</i>	16	Fair	Lean. Heavy vines. Branch dieback	No	None - Avoid disturbance to existing wall.
T-14	Tulip poplar	<i>Liriodendron tulipifera</i>	17	Fair	Heavy vines. Sparse canopy	No	Root prune along LOD.
T-15	Bitternut hickory	<i>Carya cordiformis</i>	19	Good	Twin 19x13. Split below DBH. Exposed roots. Photos 8073-8076.	Yes	Recommend for removal. Discuss with arborist.
T-16	Northern red oak	<i>Quercus rubra</i>	38	Good-Fair	Lean. Exposed roots. Minor dead branches. Photos 8077-8078.	No	Root prune along LOD.
T-17	Mockernut hickory	<i>Carya tomentosa</i>	8	Good	Minor exposed roots. Growing on slope	Yes	Recommend for removal. Leave as stump to reduce impact to surrounding trees.
T-18	Mockernut hickory	<i>Carya tomentosa</i>	9	Good	Growing on slope. Minor exposed roots	No	Air spade, root prune, and aeration matting/flexible porous paving.
T-19	White oak	<i>Quercus alba</i>	30	Fair	Dead vines on trunk. Healed over trunk wound. Sparse crown.	No	Air spade, root prune, and root aeration matting
T-20	American beech	<i>Fagus grandifolia</i>	7	Good-Fair	Dead branches. Buttressed roots.	No	Root prune along LOD.
T-21	Tulip poplar	<i>Liriodendron tulipifera</i>	30	Good	Minor dead branches. Growing on slope.	No	Root prune along LOD.
T-22	American beech	<i>Fagus grandifolia</i>	5	Good		No	None
T-23	Mockernut hickory	<i>Carya tomentosa</i>	7	Good		No	None
T-24	Northern red oak	<i>Quercus rubra</i>	15	Good	Photo 8082.	No	Root prune, air spade, then flexiible porous paving
T-25	Sassafras	<i>Sassafras albidum</i>	2	Good-Fair	Lean, one-sided canopy.	No	Root prune along LOD.
T-26	Northern red oak	<i>Quercus rubra</i>	39	Good-Fair	Moderate lean on hillslope. Dead branches. Exposed roots. Photos 8083-8084.	No	Air spade, root prune and aeration matting/flexible porous paving

TREE PROTECTION NOTES:

1. THE ROOT ZONE OF INTEREST FOR THE PURPOSES OF SIDEWALK WORK ADJACENT TO EXISTING ROADWAYS SHALL BE A DISTANCE FROM A TREE'S TRUNK EQUALING 0.5 FEET FOR EACH 1 INCH OF TREE TRUNK DBH. I.E., FOR A 20" DBH TREE, THE SPECIFICATIONS WOULD EXTEND 10 FEET FROM THE TREE'S TRUNK.
2. LOWER TREE IMPACT SIDEWALK SPECIFICATION: FOR THE AREA OF SIDEWALK INSTALLATION WITHIN THE ROOT ZONE OF INTEREST OF A TREE, A SPECIFICATION INVOLVING LESS THAN 3" OF EXCAVATION SHALL BE USED, TYPICALLY USING FLEXIBLE POROUS PAVING BUT ALTERNATIVE OPTIONS MAY BE CONSIDERED. ADDITIONALLY, ONLY HAND TOOLS WILL BE USED AND ANY ROOTS OVER 2" DIAMETER ENCOUNTERED WILL BE PRESERVED AND THE URBAN FOREST MANAGER WILL BE CONSULTED FOR APPROVAL BEFORE CUTTING.
3. AFTER EXCAVATION COMMENCES, THE URBAN FOREST MANAGER MAY APPROVE A DIFFERENT SIDEWALK INSTALLATION SPECIFICATION DEPENDING ON THE NUMBER, SIZE, AND LOCATION OF ROOTS THAT ARE ENCOUNTERED DURING EXCAVATION.
4. ANY ROOTS OUTSIDE THE ROOT ZONE OF INTEREST ENCOUNTERED DURING EXCAVATION SHALL BE CUT CLEANLY WITH A SHARP SAW. MECHANIZED EXCAVATION SHALL STOP WHEN A ROOT IS ENCOUNTERED TO ALLOW FOR THE ROOT TO BE CUT CLEANLY BEFORE PROCEEDING.
5. FOR AREAS ADJACENT TO TREES WHERE SIDEWALK IS BEING REPLACED IN THE SAME FOOTPRINT AND TO THE SAME DEPTH, THE APPROPRIATE SPECIFICATION WILL BE CONSIDERED ON A CASE BY CASE BASIS DEPENDING ON VISUAL EVIDENCE OF ROOT HEAVE AND THE NUMBER, SIZE, AND LOCATION OF ROOTS ENCOUNTERED DURING EXCAVATION.
6. EQUIPMENT OUTRIGGER PLACEMENT, EQUIPMENT TRAFFIC, AND HEAVY MATERIALS STORAGE OVER SOIL AREAS SHALL ONLY OCCUR OVER POLYETHYLENE CONSTRUCTION MATS OR 3/4" PLYWOOD.



NOTES:

1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRECONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRECONSTRUCTION MEETING AND FLAGGED PRIOR TO TRENCHING.
3. EXACT LOCATION OF TRENCH SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FOREST CONSERVATION (FC) INSPECTOR .
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FC INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.
6. ALL PRUNING MUST BE EXECUTED WITH LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FC INSPECTOR.

ROOT PRUNING DETAIL

NTS



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CITY OF TAKOMA PARK

DOMER AVENUE SIDEWALK IMPROVEMENTS
FROM FLOWER AVENUE TO
SLIGO CREEK PARKWAY

TREE PROTECTION PLAN	
SCALE 1"=20' DATE OCTOBER 2022 CONTRACT NO. T.B.D.	
DESIGNED BY TMB	COUNTY MONTGOMERY
DRAWN BY TMB	LOGMILE
CHECKED BY R/JG	
F.A.P. NO. T.B.D.	
DRAWING NO.	SHEET NO. 4 OF 4