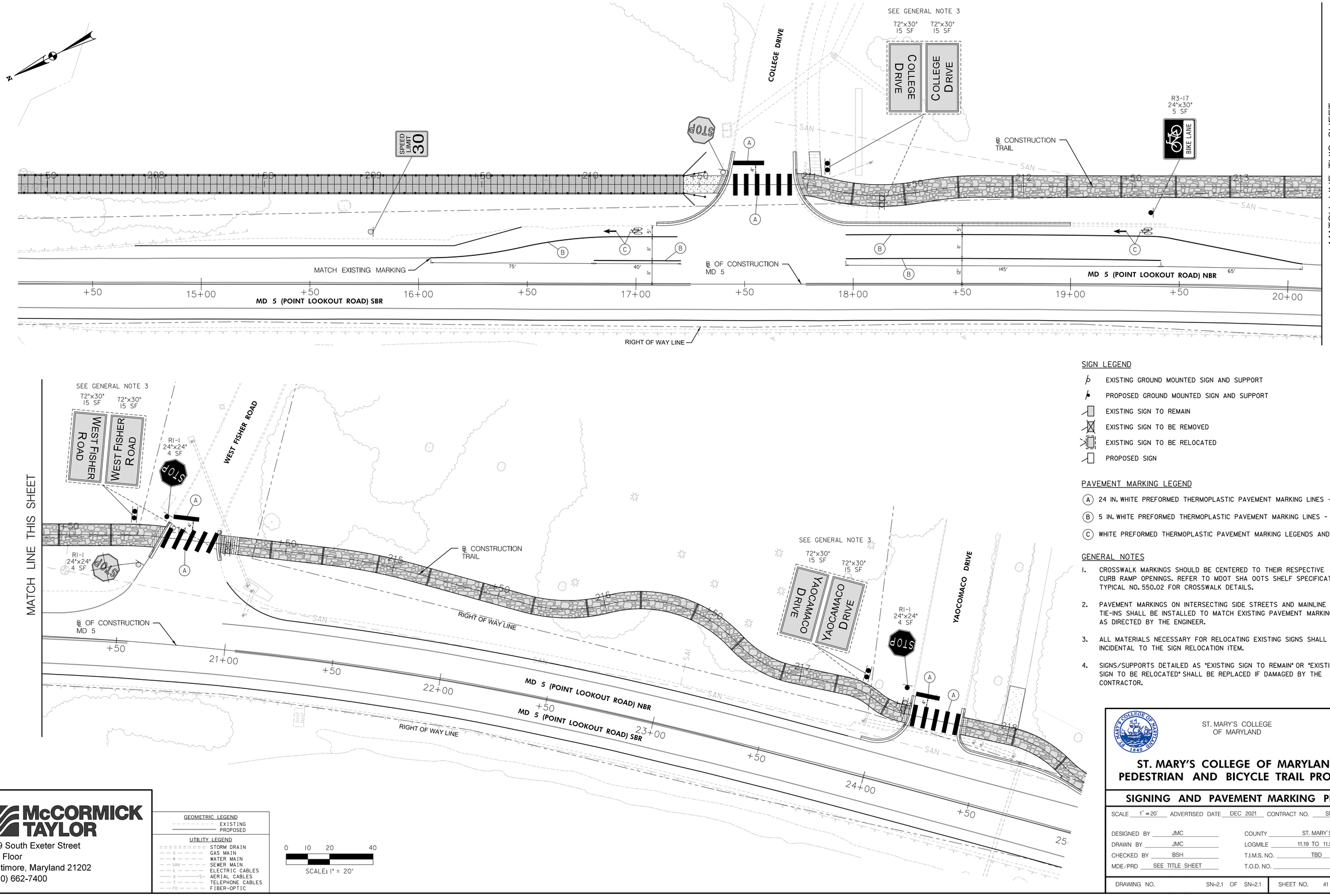

SIGN LEGEND

- EXISTING GROUND MOUNTED SIGN AND SUPPORT
- PROPOSED GROUND MOUNTED SIGN AND SUPPORT
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- PROPOSED SIGN

PAVEMENT MARKING LEGEND

- (A) 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES - SOLID
- (B) 5 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES - SOLID
- (C) WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS

GENERAL NOTES

1. CROSSWALK MARKINGS SHOULD BE CENTERED TO THEIR RESPECTIVE CURB RAMP OPENINGS. REFER TO MDOT SHA OOTS SHELF SPECIFICATION TYPICAL NO. 550.02 FOR CROSSWALK DETAILS.
2. PAVEMENT MARKINGS ON INTERSECTING SIDE STREETS AND MAINLINE TIE-INS SHALL BE INSTALLED TO MATCH EXISTING PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER.
3. ALL MATERIALS NECESSARY FOR RELOCATING EXISTING SIGNS SHALL BE INCIDENTAL TO THE SIGN RELOCATION ITEM.
4. SIGNS/SUPPORTS DETAILED AS "EXISTING SIGN TO REMAIN" OR "EXISTING SIGN TO BE RELOCATED" SHALL BE REPLACED IF DAMAGED BY THE CONTRACTOR.

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GEOMETRIC LEGEND
- EXISTING
- PROPOSED

UTILITY LEGEND
- STORM DRAIN
- G GAS MAIN
- W WATER MAIN
- SAN SEWER MAIN
- E ELECTRIC CABLES
- A AERIAL CABLES
- T TELEPHONE CABLES
- FO FIBER-OPTIC

0 10 20 40
SCALE: 1" = 20'

ST. MARY'S COLLEGE OF MARYLAND

ST. MARY'S COLLEGE OF MARYLAND PEDESTRIAN AND BICYCLE TRAIL PROJECT

SIGNING AND PAVEMENT MARKING PLAN

SCALE 1" = 20' ADVERTISED DATE DEC 2021 CONTRACT NO. SM193B51

DESIGNED BY JMC
DRAWN BY JMC
CHECKED BY BSH
MDE/PRD SEE TITLE SHEET

COUNTY ST. MARY'S
LOGMILE 11.19 TO 11.59
T.I.M.S. NO. TBD
T.O.D. NO.

DRAWING NO. SN-2.1 OF SN-2.1
SHEET NO. 41 OF 62

BY: ggwissman -

PLOTTED: Friday, November 05, 2021 AT 10:13 AM
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SEQUENCE OF CONTRUCTION

1. ESTABLISH EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE ES SHEETS.
2. INSTALL CURB AND GUTTER AND PERFORM PAVEMENT REMOVAL.
2. CONSTRUCT TRAIL, TRAIL LIGHTING, BOARDWALK, AND INSTALL FILTERRA PER THE PLANS.
3. COMPLETE FULL DEPTH RECONSTRUCTION OF ATHLETIC FIELD DRIVEWAY.
4. INSTALL LANDSCAPE FEATURES PER THE PLANS.
5. PERFORM FINAL PAVING PER THE PLANS.

NOTE: STEPS OUTLINED IN THE SEQUENCE OF CONSTRUCTION MAY OVERLAP AS APPROVED BY THE ENGINEER.

THE FOLLOWING TTCTA FROM THE SHA "BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES" PROVIDE GUIDANCE FOR TYPICAL MAINTENANCE OF TRAFFIC APPLICATIONS AS THEY RELATE TO MD 5. THE LIST BELOW PROVIDES DIRECTION OF WHICH TTCTA SHOULD BE APPLIED DURING EACH PHASE OF CONSTRUCTION. CONSULT SPECIAL PROVISION 104.01 (TRAFFIC CONTROL PLAN) FOR THE APPROVED LANE AND SHOULDER CLOSURE SCHEDULE. MODIFICATION OF THESE TTCTA SHALL BE APPROVED BY THE ENGINEER.

A. MD 104.02-02 - SHOULDER WORK
B. MD 104.02-04 - LANE SHIFT RIGHT OR LEFT SIDE
C. MD 104.02-10 - FLAGGING OPERATION / 2-LANE, 2-WAY EQUAL/LESS THAN 40 MPH
D. MD 104.06-16 - PAVEMENT EDGE DROP-OFF 2.5 INCHES OR LESS (BETWEEN TRAFFIC LANES AND SHOULDER)
E. MD 104.06-17 - PAVEMENT EDGE DROP-OFF GREATER THAN 2.5 INCHES BUT EQUAL TO OR LESS THAN 5 INCHES (BETWEEN TRAFFIC LANES AND SHOULDER)

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL MAINTENANCE OF TRAFFIC ACTIVITIES SHALL ADHERE TO THE MARYLAND DEPARTMENT OF TRANSPORTATION'S STATE HIGHWAY ADMINISTRATION'S "BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES." ALL TEMPORARY SIGNING, PAVEMENT MARKINGS, CHANNELIZING DEVICES, AND OTHER ITEMS USED FOR MAINTENANCE OF TRAFFIC SHALL CONFORM TO THE LATEST MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS.
2. UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER, TEMPORARY TRAFFIC CONTROL SIGNS SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION. SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE SHEETING AS PER THE CONTRACT SPECIFICATIONS.
3. LONGITUDINAL DISTANCES OF ALL ADVANCED WARNING SIGNS AND CHANNELIZING DEVICES MAY BE ADJUSTED DUE TO INTERSECTING STREETS, DRIVEWAYS, AND/OR FIELD CONDITIONS AS APPROVED BY THE ENGINEER. WHERE ADVANCE SIGNING CONFLICTS WITH TEMPORARY SIGNING FOR LANE CLOSURE, LANE SHIFT OR FLAGGING OPERATION, ADJUSTMENTS TO ADVANCE SIGNING SHALL BE MADE PER THE ENGINEER TO AVOID CONFUSING AND/OR CONFLICTING MESSAGES.
4. REFER TO THE CONTRACT SPECIAL PROVISIONS (SECTION 104.01) FOR APPLICABLE WORKING HOURS AND LANE CLOSURE RESTRICTIONS.
5. ADDITIONAL LANE CLOSURES FOR PLACEMENT OF TRAFFIC CONTROL DEVICES, DELIVERY OF MATERIAL, ETC., MUST BE APPROVED BY AND SCHEDULED IN WRITING WITH THE ENGINEER AND SHALL BE IN ACCORDANCE WITH SHA'S BOOK OF STANDARDS.
6. CHANNELIZING DEVICES SHALL BE USED TO DEFINE THE EDGE OF THE TRAVEL LANE AT LOCATIONS WHERE TRAFFIC IS REQUIRED TO BE SHIFTED OUT OF THE EXISTING TRAVEL LANES.
7. ALL MOT DEVICES SHALL BE REMOVED FROM THE TRAVELWAY AND THE ROADWAY RETURNED TO NORMAL OPERATIONS DURING NON-WORKING HOURS. INACTIVE WORK AREAS ADJACENT TO THE TRAVELWAY SHALL ADHERE TO THE PAVEMENT DROP-OFF POLICY PER MD 104.00-14.
8. ANY PAVEMENT MARKINGS REQUIRING REMOVAL SHALL BE ERADICATED IN A MANNER APPROVED BY THE ENGINEER AND PRIOR TO ESTABLISHMENT OF NEW TRAFFIC PATTERNS.
9. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ACCESS POINTS LOCATED ADJACENT TO A WORK AREA BY PROVIDING A DIRECT CONNECTION TO AN OPEN TRAVEL LANE.
10. CONFLICTING, INAPPROPRIATE, OR NOT APPLICABLE SIGNS (INCLUDING WORK ZONE SIGNS) SHALL BE REMOVED, COVERED, OR FOLDED TO PREVAILING CONDITIONS SO THAT THEY ARE NOT READABLE BY ONCOMING TRAFFIC. AT THE CONCLUSION OF WORK, SIGNS REMOVED, MODIFIED, OR DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REINSTALLED OR REPLACED AT THE CONTRACTORS EXPENSE, AS INDICATED OR DIRECTED BY THE ENGINEER.
11. A MINIMUM SPACING OF 200 FEET SHALL BE MAINTAINED BETWEEN ALL REGULATORY, WARNING, AND DESTINATION SIGNS.
12. PEDESTRIAN ACCESS ALONG EXISTING SIDEWALKS AND CROSSWALKS SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH APPROVED SHA STANDARDS.
13. THESE NOTES AND SPECIFICATIONS ARE THE MINIMUM REQUIREMENTS FOR THE CONDITIONS SET FORTH. THE ENGINEER MAY REQUIRE ADDITIONAL TRAFFIC CONTROL DEVICES AND MAY ALTER THE SEQUENCE OF CONSTRUCTION OR MEANS OF TRAFFIC CONTROL AS NECESSARY.

ROADWAY CONSTRUCTION NOTES

1. A WORK AREA FOR CONSTRUCTION ALONG MD 5 SHALL BE ESTABLISHED AS PER THE APPROPRIATE TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION (TTCTA). ACCESS ALONG BOTH DIRECTIONS OF MD 5 SHALL BE MAINTAINED AT ALL TIMES.
2. IN DRIVEWAY/ENTRANCE AREAS, ONLY ONE SIDE OF THE DRIVEWAY/ENTRANCE SHALL BE CLOSED DURING EXCAVATION, CURB AND GUTTER CONSTRUCTION, AND PAVING OPERATIONS. DRIVEWAY/ENTRANCE INGRESS AND EGRESS SHALL BE MAINTAINED DURING ROADWAY CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS 72 HOURS PRIOR TO IMPACTS OR OBSTRUCTIONS OF DRIVEWAY ENTRANCES.

ACCESSIBLE PEDESTRIAN MAINTENANCE OF TRAFFIC

1. WHERE PEDESTRIANS ARE DIRECTED TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY, APPROPRIATE ADVANCED SIGNING SHOULD BE PLACED AT THE INTERSECTIONS RATHER THAN MID-BLOCK CROSSINGS.
2. ADVANCED NOTIFICATION OF SIDEWALK CLOSURES SHALL BE PROVIDED. A BARRIER THAT IS DETECTABLE BY A PERSON WITH A VISUAL DISABILITY TRAVELING WITH THE AID OF A LONG CANE SHALL BE PLACED ACROSS THE FULL WIDTH OF THE CLOSED SIDEWALK.
3. SIGNS AND OTHER DEVICES MOUNTED LOWER THEN 7 FEET ABOVE THE TEMPORARY PEDESTRIAN PATHWAY SHALL NOT PROJECT MORE THAN 4 INCHES INTO THE ACCESSIBLE PEDESTRIAN ROUTE.
4. TRAFFIC CONTROL DEVICES AND OTHER CONSTRUCTION MATERIALS AND FEATURES SHALL NOT INTRUDE INTO THE USABLE WIDTH OF THE SIDEWALK, TEMPORARY PATHWAY OR OTHER PEDESTRIAN FACILITY.

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CROSS REFERENCE

ITEM	SHEET NOs.
ABBREVIATIONS /GENERAL NOTES /TYPICAL SECTIONS SHEETS,	2-3
PAVEMENT, SIDEWALK, & DRIVEWAY DETAIL SHEETS	4-6
GEOMETRY SHEET	7
TRAIL PLAN & TRAIL PROFILE SHEETS	8-17
DRAINAGE DESIGN PROFILE SHEETS	18-19
MISC. QUANTITY, STORMWATER DETAIL, & AS-BUILST SHEETS	20-22
EROSION AND SEDIMENT CONTROL NOTES, DETAILS, & PLANS,	23-40
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BRIDGE, STRUCTURE & BORING SHEETS	43-51
LANDSCAPE PLAN SHEETS & DETAIL SHEET	52-57
LIGHTING PLAN SHEETS	58-62

R /W PLAT NUMBER

REVISIONS

ST. MARY'S COLLEGE OF MARYLAND

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MAINTENANCE OF TRAFFIC GENERAL NOTES

SCALE N.T.S. ADVERTISED DATE DEC 2021 CONTRACT NO. SM193B51

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COUNTY ST. MARY'S
LOGMILE 11.19 TO 11.59
HORIZONTAL SCALE N/A
VERTICAL SCALE N/A

DRAWING NO. MT-01 OF MT-01

BY: ggwissman -

PLOTTED: Friday, November 05, 2021 AT 10:13 AM
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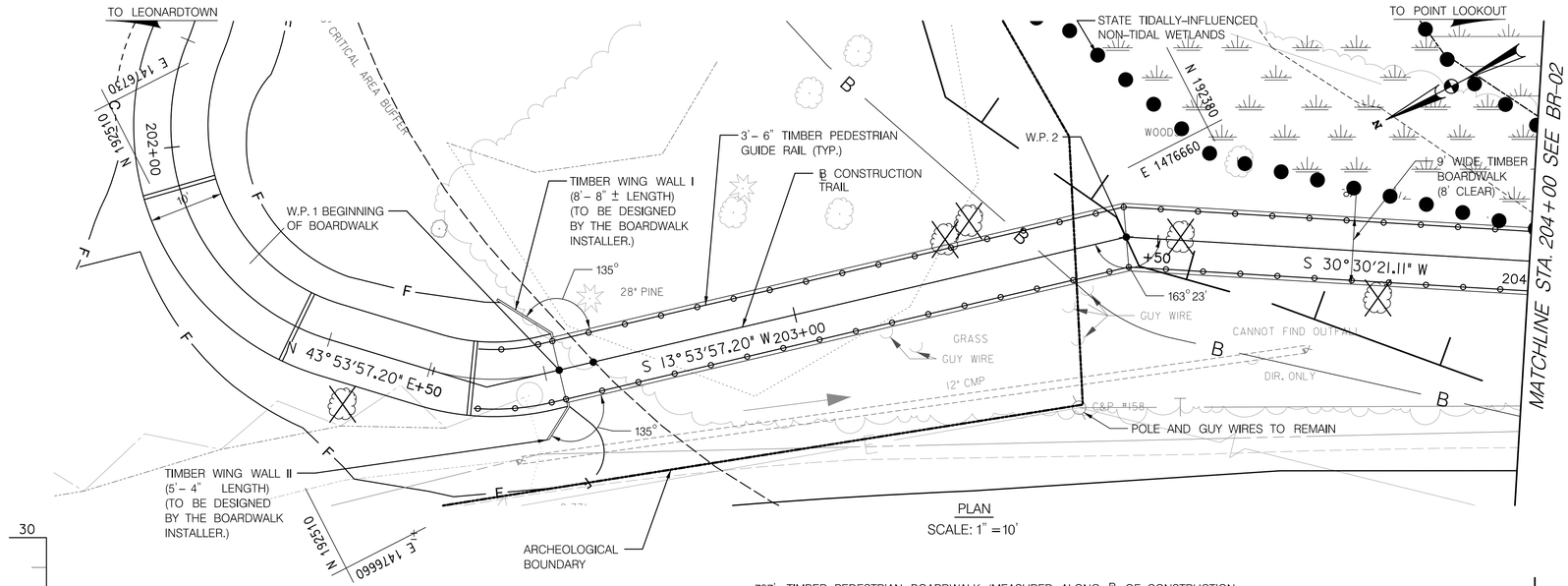
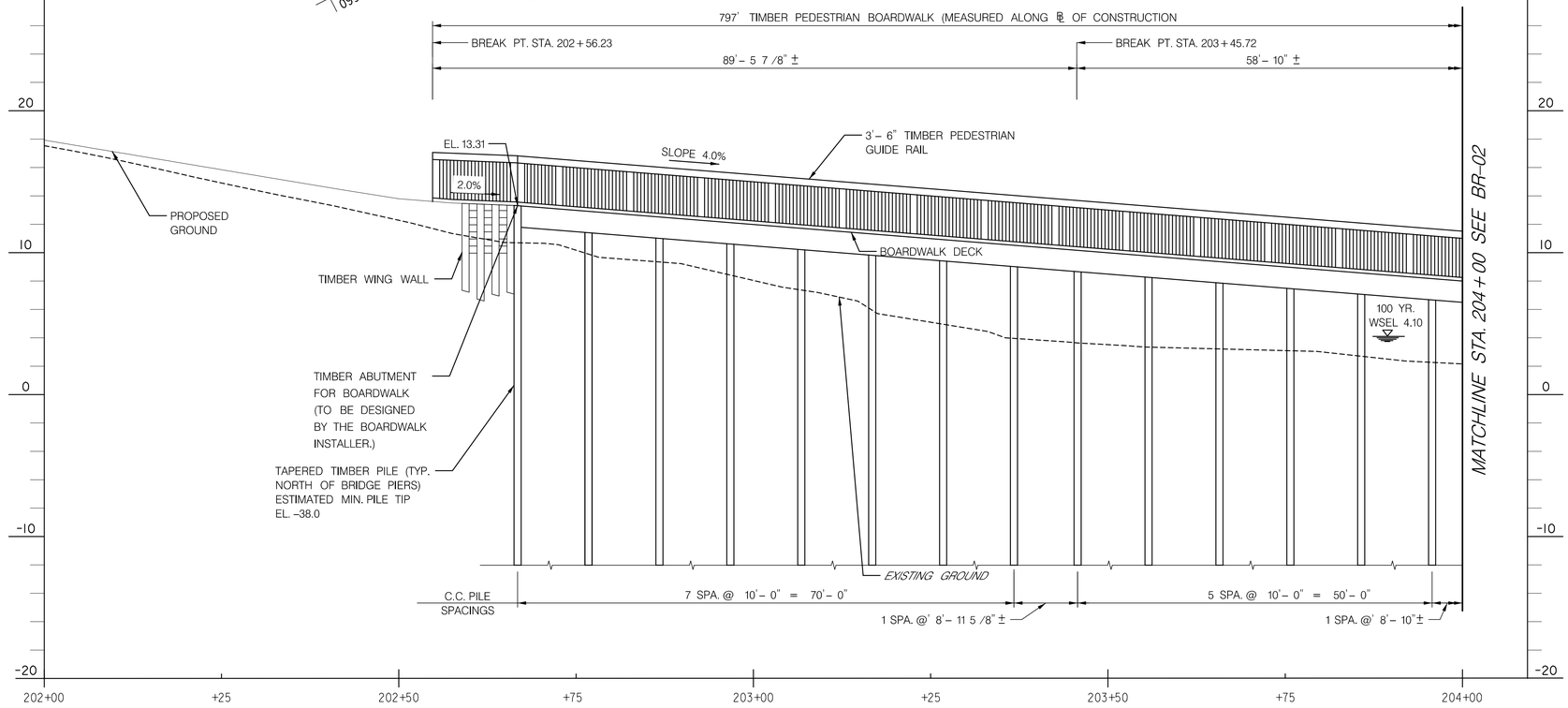


PLAN
SCALE: 1" = 10'



DEVELOPED ELEVATION
SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'

LEGEND

SOIL BORING

TREE REMOVAL

TIMBER PEDESTRIAN GUIDE RAIL

NOTE:
PILES SHOWN TO ILLUSTRATE SPAN LENGTHS ONLY. FINAL PILE TIP ELEVATION TO BE DETERMINED BY THE TIMBER BOARDWALK INSTALLER.

GENERAL NOTES:

SPECIFICATIONS:
1. SHA SPECIFICATIONS DATED JULY 2018, REVISIONS THEREOF AND ADDITIONS THERETO AND SPECIAL PROVISIONS FOR MATERIALS AND CONSTRUCTION.
2. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 2017 INCLUDING ALL INTERIM SPECIFICATIONS.
3. AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, DECEMBER 2009

LOADING:
1. PEDESTRIAN LIVE LOAD: 90 PSF
2. LIVE LOADING: 10,000 LB (H5 TRUCK – FOR MAINTENANCE VEHICLE)
3. THE MAINTENANCE VEHICLE LIVE LOAD SHALL NOT BE PLACED IN COMBINATION WITH THE PEDESTRIAN LIVE LOAD.

TIMBER BOARDWALK DESIGN/CONSTRUCTION:
1. THE PEDESTRIAN BOARDWALK AND WING WALLS SHALL BE [YORK BRIDGE CONCEPTS, DFI BRIDGE CORPORATION, NATURE BRIDGES, OR AN APPROVED EQUAL.]
2. DESIGN AND INSTALLATION OF THE BOARDWALK AND WING WALLS SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION ITEM 400000.
3. ALL PLANS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MARYLAND.
4. TIMBER DECKING SHALL BE HEAVY TIMBER HIGH GRADE SOUTHERN YELLOW PINE. ALL LUMBER USED FOR THE PEDESTRIAN BRIDGE SHALL BE SOUTHERN YELLOW PINE. ALL LUMBER SHALL BE TREATED WITH CCA (CHROMATED COPPER ARSENATE) THAT MEETS OR EXCEEDS THE STANDARDS FOR TREATED WOOD SET BY THE AMERICAN WOOD PRESERVES ASSOCIATION (AWPA).
5. A COMMERCIAL GRADE, NONTRANSPARENT, WOOD SEALANT SHALL BE APPLIED TO THE TIMBER BOARDWALK AFTER IT HAS BEEN CONSTRUCTED TO INCREASE THE LONGETVITY OF THE BOARDWALK. THE WOOD SEALANT SHOULD BE WATEPROOF, MILDEW REISTANT, AND PROVIDE ULTRAVIOLET LIGHT PROTECTION. THE SEALANT SHOULD BE APPLIED TO THE HAND RAILS, TOE KICKS, DECKING, AND ALL OUTER AREAS OF THE BOARDWALK. PRESSURE TREATED LUMBER SHOULD BE ALLOWED TO WEATHER FOR 6-12 MONTHS PRIOR TO SEALING.

UTILITIES:
1. UTILITIES AS SHOWN ON THE PLANS FOR INFORMATION ONLY. THE PRESENCE, SIZE, AND LOCATION OF ALL UTILITIES SHALL BE VERIFIED IN THE FIELD.

FOUNDATION:
1. INSTALL TIMBER PILES TO THE MINIMUM TIP ELEVATIONS SHOWN ON THE PLANS.
2. VERIFY THE NOMINAL RESISTANCES OF THE PILES USING A METHOD APPROVED BY THE ENGINEER. DYNAMIC TESTING SHALL BE USED BY THE BOARDWALK INSTALLER TO CONFIRM PILE RESISTANCE.
3. PERFORM WAVE EQUATION ANALYSIS TO SIZE THE PILE HAMMER USING NOMINAL RESISTANCE. CONTROL PILE DRIVING USING HIGH STRAIN DYNAMIC TESTING WITH SIGNAL MATCHING (SEE SPECIAL PROVISIONS).
4. THE CONTRACTOR IS TO CONDUCT THE HIGH STRAIN DYNAMIC TESTING WITH SIGNAL MATCHING DURING CONSTRUCTION AND IS ALSO RESPONSIBLE FOR DEVELOPING THE DRIVING CRITERIA WITH THE APPROVAL OF THE ENGINEER.
5. PERFORM DYNAMIC PILE MONITORING ON THE TEST PILES AND IF DIRECTED, ON SELECTED BEARING PILES, AT THE LOCATIONS DETERMINED BY THE ENGINEER.

WORKING POINT DATA

POINT	STAION	OFFSET	NORTHING	EASTING	ELVE.
WP-1	202+67.47	0.0	192472.4142	1476670.6219	13.31
WP-2	203+45.72	0.0	192396.4478	1476651.8232	10.19

NOTES:
1. SEE DWG. BR-06 FOR BOARDWALK TYPICAL SECTION.

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BOARDWALK GENERAL PLAN & ELEVATION

CROSS REFERENCE		R / W PLAT NUMBER	REVISIONS
ITEM	SHEET NOs.		
ABBREVIATIONS /GENERAL NOTES /TYPICAL SECTIONS SHEETS,	2-3		
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LIGHTING PLAN SHEETS	58-62		

SCALE AS SHOWN ADVERTISED DATE DEC 2021 CONTRACT NO. SM193B51

DESIGNED BY HUM
DRAWN BY PNK
CHECKED BY ABA
MDE/PRD SEE TITLE SHEET

COUNTY ST. MARY'S
LOGMILE 11.19 TO 11.59
HORIZONTAL SCALE N/A
VERTICAL SCALE N/A

DRAWING NO. BR-01 OF BR-09
SHEET NO. 43 OF 62

STRUCTURE INVENTORY NO.

SURVEY BOOK NO.

BY: ggwissman –

PLOTTED: Friday, November 05, 2021 AT 10:13 AM
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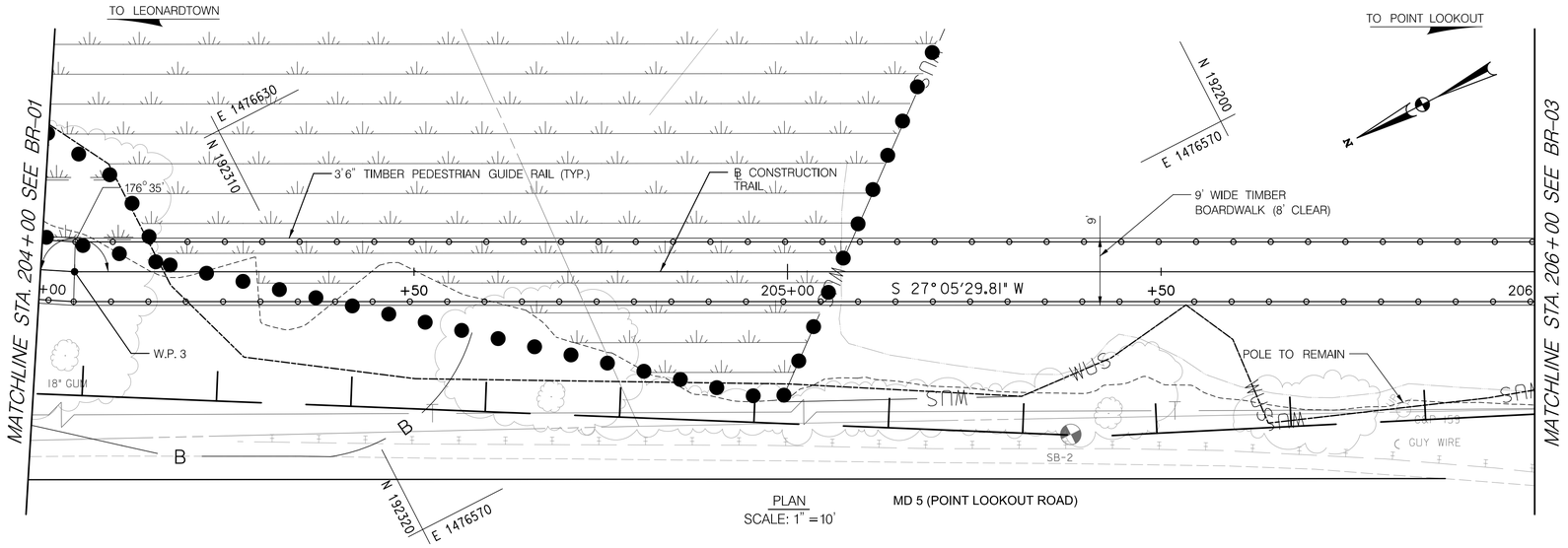
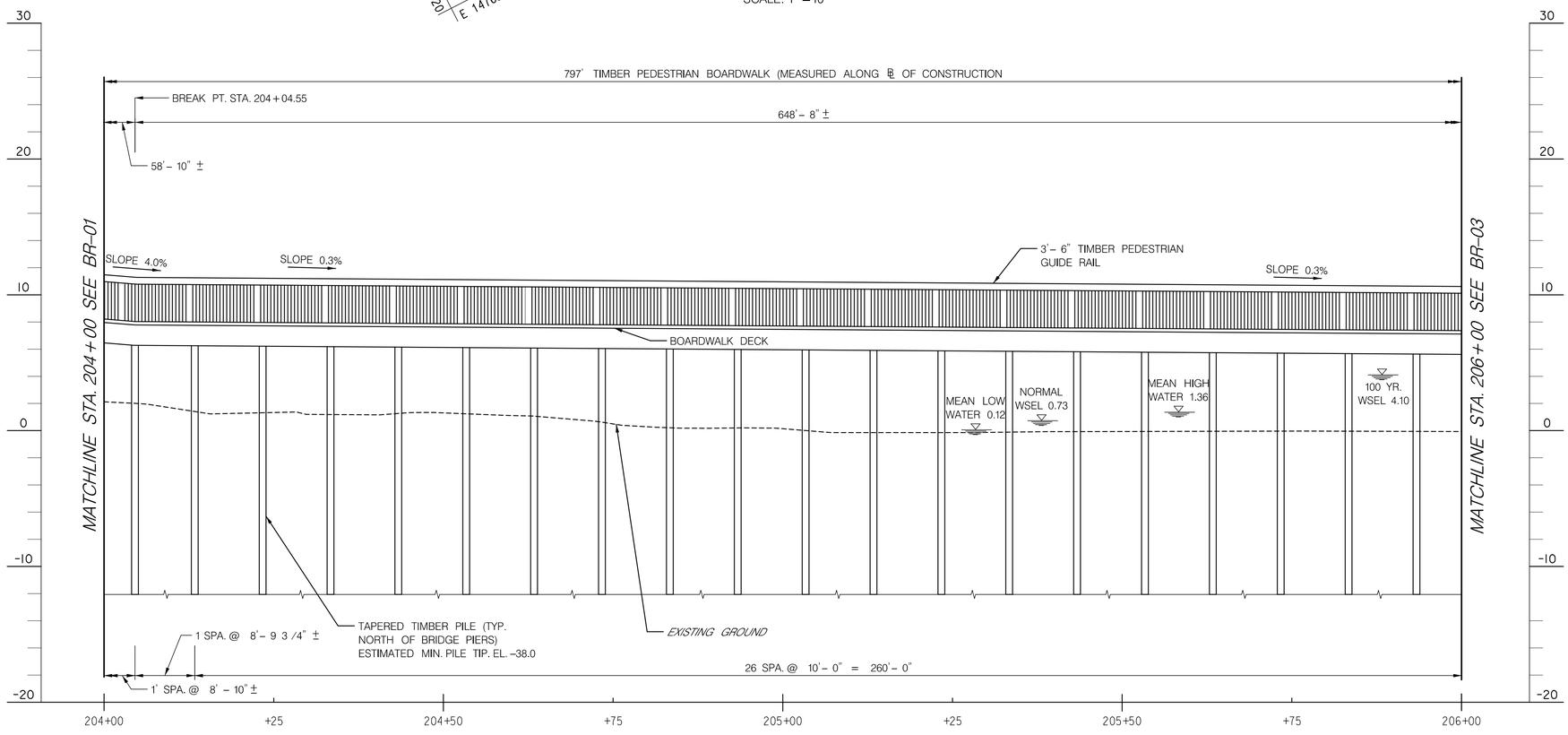


PLAN
SCALE: 1" = 10'

MD 5 (POINT LOOKOUT ROAD)



DEVELOPED ELEVATION
SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'

NOTE:
PILES SHOWN TO ILLUSTRATE SPAN LENGTHS ONLY. FINAL PILE TIP ELEVATION TO BE DETERMINED BY THE TIMBER BOARDWALK INSTALLER.

LEGEND

- SOIL BORING
- TREE REMOVAL
- TIMBER PEDESTRIAN GUIDE RAIL

WORKING POINT DATA

POINT	STAION	OFFSET	NORTHING	EASTING	ELVE.
WP-3	204+04.55	0.0	192345.7588	1476621.9581	7.84

NOTES:

1. SEE DWG. BR-06 FOR BOARDWALK TYPICAL SECTION.

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ST. MARY'S COLLEGE OF MARYLAND

ST. MARY'S COLLEGE OF MARYLAND PEDESTRIAN AND BICYCLE TRAIL PROJECT

BOARDWALK GENERAL PLAN & ELEVATION

SCALE AS SHOWN ADVERTISED DATE DEC 2021 CONTRACT NO. SM193B51

DESIGNED BY HUM
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CHECKED BY ABA
MDE/PRD SEE TITLE SHEET

COUNTY ST. MARY'S
LOGMILE 11.19 TO 11.59
HORIZONTAL SCALE N/A
VERTICAL SCALE N/A

DRAWING NO. BR-02 OF BR-09 SHEET NO. 44 OF 62

STRUCTURE INVENTORY NO.

SURVEY BOOK NO.

PLOTTED: Friday, November 05, 2021 AT 10:13 AM
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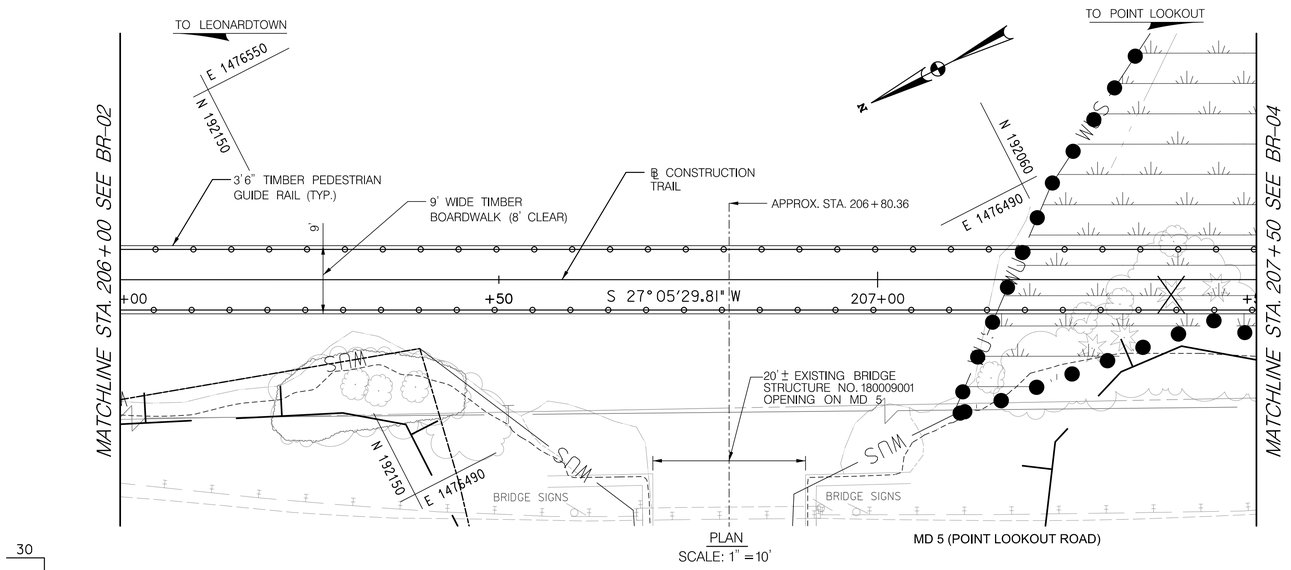
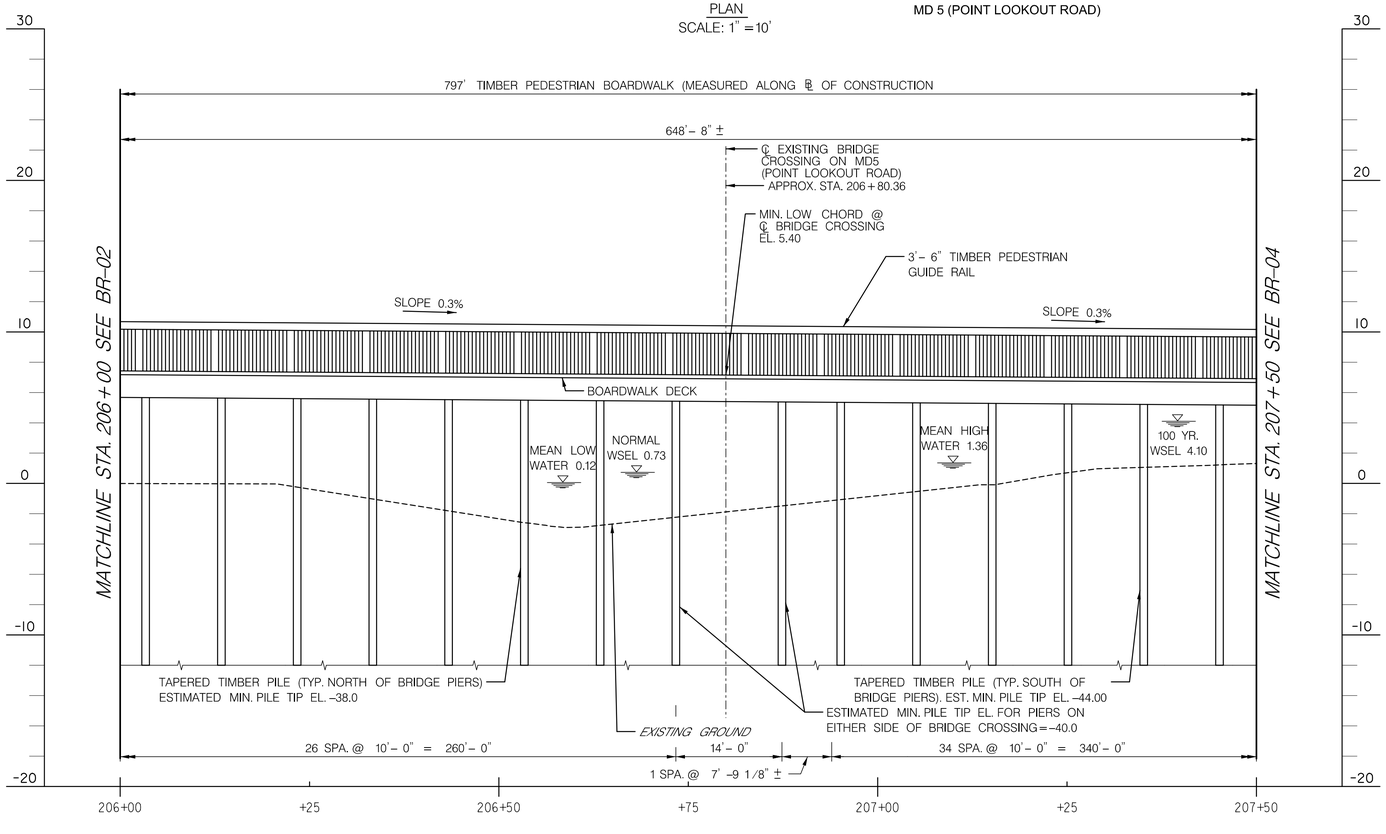


PLAN
SCALE: 1" = 10'



DEVELOPED ELEVATION
SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'

LEGEND

- SOIL BORING
- TREE REMOVAL
- TIMBER PEDESTRIAN GUIDE RAIL

NOTE:
PILES SHOWN TO ILLUSTRATE SPAN LENGTHS ONLY. FINAL PILE TIP ELEVATION TO BE DETERMINED BY THE TIMBER BOARDWALK INSTALLER.

NOTES:

1. SEE DWG. BR-06 FOR BOARDWALK TYPICAL SECTION.

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R / W PLAT NUMBER

REVISIONS

ST. MARY'S COLLEGE OF MARYLAND

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BOARDWALK GENERAL PLAN & ELEVATION

SCALE AS SHOWN ADVERTISED DATE DEC 2021 CONTRACT NO. SM193B51

DESIGNED BY HUM
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CHECKED BY ABA
MDE/PRD SEE TITLE SHEET

COUNTY ST. MARY'S
LOGMILE 11.19 TO 11.59
HORIZONTAL SCALE N/A
VERTICAL SCALE N/A

DRAWING NO. BR–03 OF BR–09
SHEET NO. 45 OF 62

PLOTTED: Friday, November 05, 2021 AT 10:13 AM
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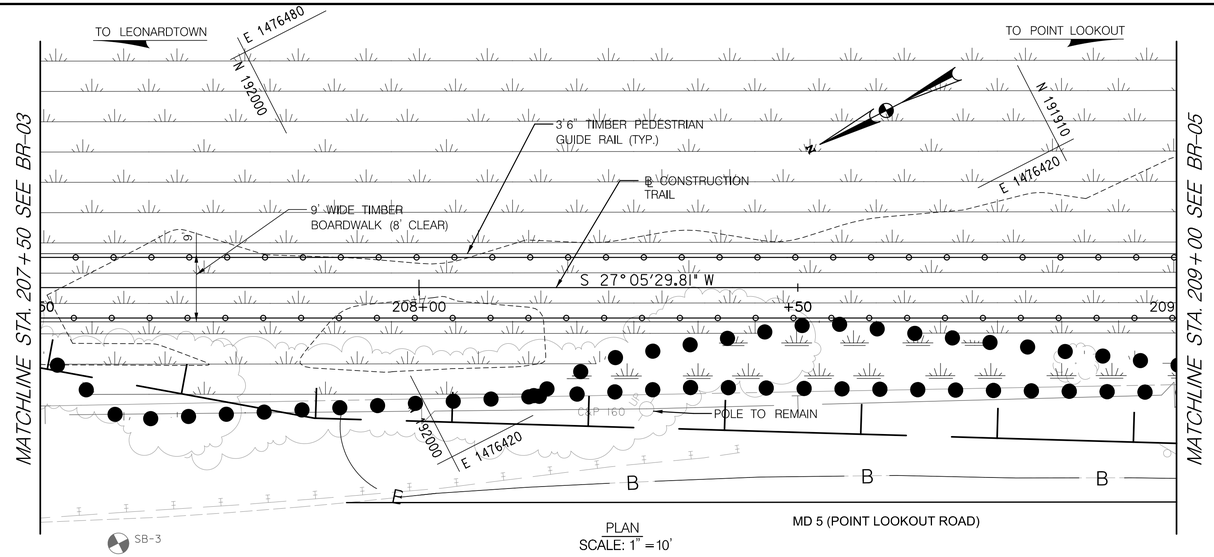
STRUCTURE INVENTORY NO.

SURVEY BOOK NO.



PLAN
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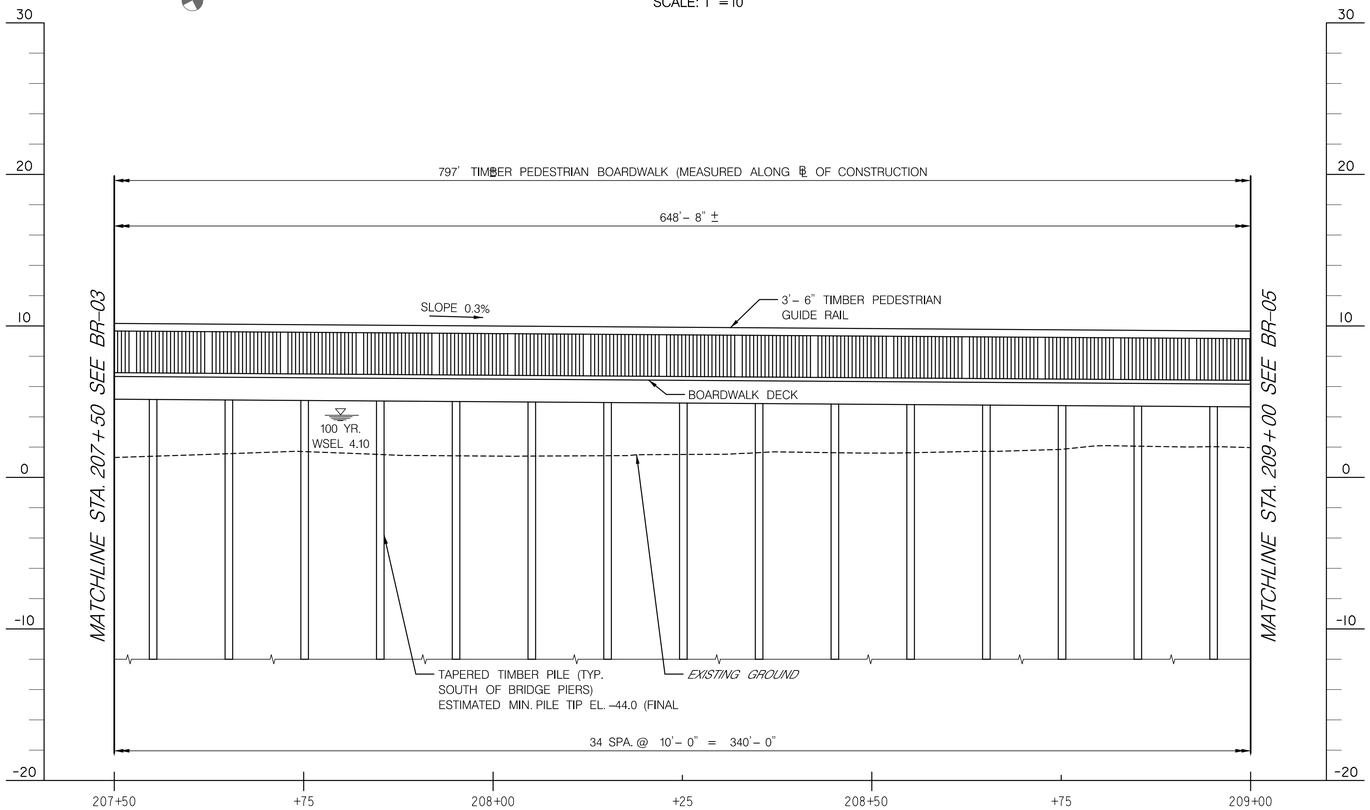

DEVELOPED ELEVATION
SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'

NOTES:

1. SEE DWG. BR-06 FOR BOARDWALK TYPICAL SECTION.

LEGEND

- SOIL BORING
- TREE REMOVAL
- TIMBER PEDESTRIAN GUIDE RAIL

NOTE:
PILES SHOWN TO ILLUSTRATE SPAN LENGTHS ONLY. FINAL PILE TIP ELEVATION TO BE DETERMINED BY THE TIMBER BOARDWALK INSTALLER.

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ST. MARY'S COLLEGE OF MARYLAND

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PEDESTRIAN AND BICYCLE TRAIL PROJECT

BOARDWALK GENERAL PLAN & ELEVATION

CROSS REFERENCE	
ITEM	SHEET NOs.
ABBREVIATIONS /GENERAL NOTES /TYPICAL SECTIONS SHEETS,	2-3
PAVEMENT, SIDEWALK, & DRIVEWAY DETAIL SHEETS	4-6
GEOMETRY SHEET	7
TRAIL PLAN & TRAIL PROFILE SHEETS	8-17
DRAINAGE DESIGN PROFILE SHEETS	18-19
MISC. QUANTITY, STORMWATER DETAIL & AS-BUILST SHEETS	20-22
EROSION AND SEDIMENT CONTROL NOTES, DETAILS, & PLANS,	23-40
SIGNING AND PAVEMENT MARKING SHEET	41
MAINTENANCE OF TRAFFIC NOTES SHEET	42
BRIDGE, STRUCTURE & BORING SHEETS	43-51
LANDSCAPE PLAN SHEETS & DETAIL SHEET	52-57
LIGHTING PLAN SHEETS	58-62

R /W PLAT NUMBER

REVISIONS

SCALE AS SHOWN ADVERTISED DATE DEC 2021 CONTRACT NO. SM193B51

DESIGNED BY HUM
DRAWN BY PNK
CHECKED BY ABA
MDE/PRD SEE TITLE SHEET

COUNTY ST. MARY'S
LOGMILE 11.19 TO 11.59
HORIZONTAL SCALE N./A
VERTICAL SCALE N./A

DRAWING NO. BR-04 OF BR-09
SHEET NO. 46 OF 62

STRUCTURE INVENTORY NO.

SURVEY BOOK NO.

PLOTTED: Friday, November 05, 2021 AT 10:13 AM
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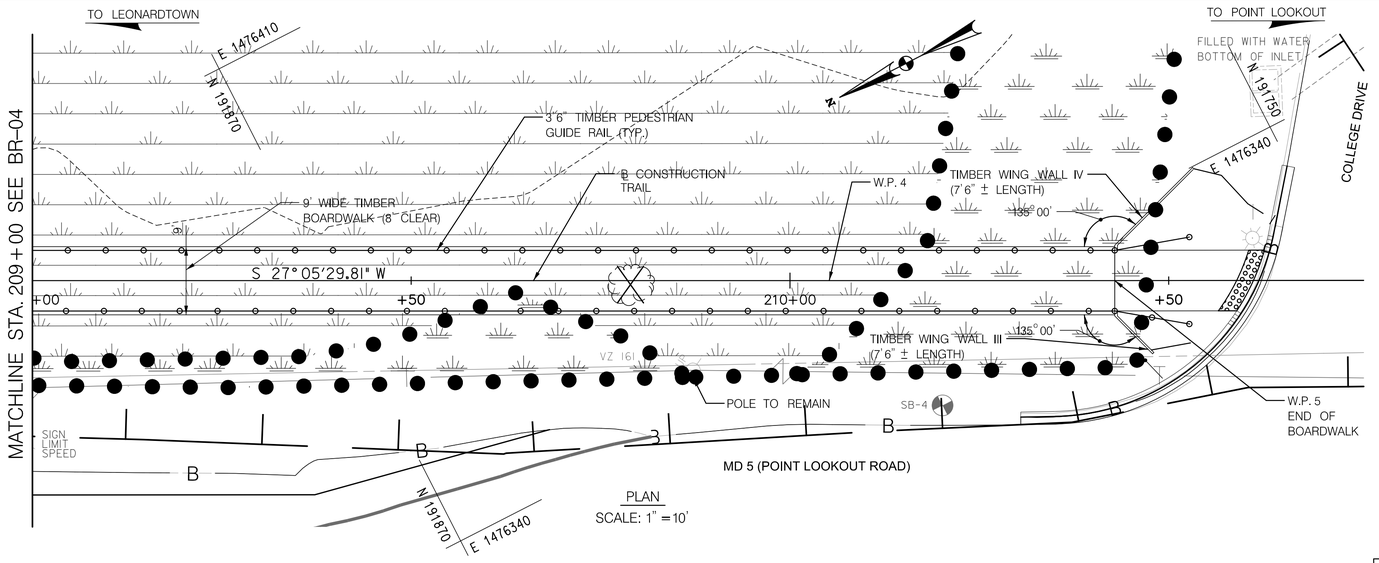
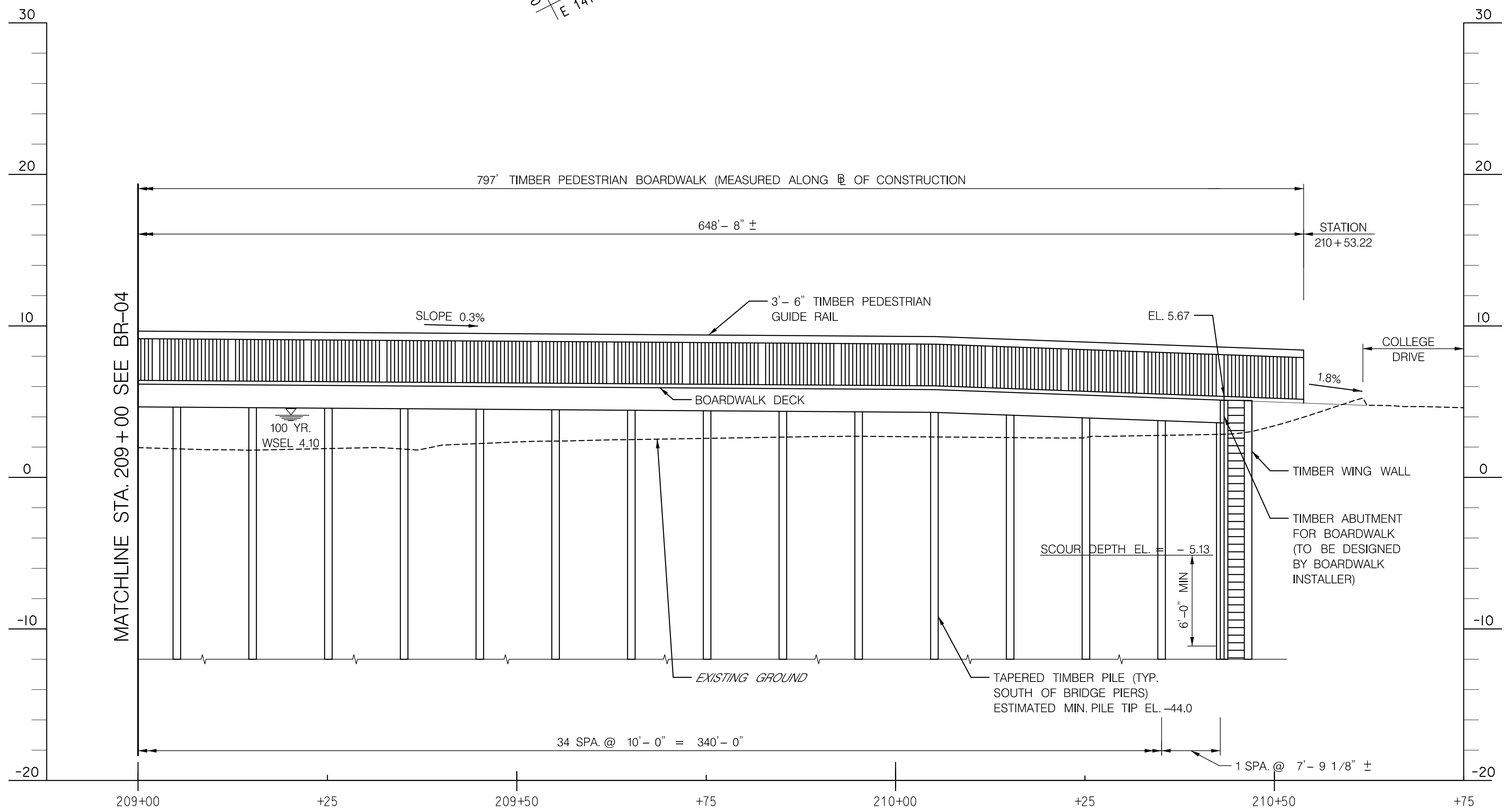
BY: ggwissman –



PLAN
SCALE: 1" = 10'



DEVELOPED ELEVATION
SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'

LEGEND

- SOIL BORING
- TREE REMOVAL
- TIMBER PEDESTRIAN GUIDE RAIL

NOTE:
PILES SHOWN TO ILLUSTRATE SPAN LENGTHS ONLY. FINAL PILE TIP ELEVATION TO BE DETERMINED BY THE TIMBER BOARDWALK INSTALLER.

WORKING POINT DATA

POINT	STAION	OFFSET	NORTHING	EASTING	ELVE.
WP-4	210+05.18	0.0	191811.0381	1476348.4264	6.05
WP-5	210+42.87	0.0	191777.4803	1476331.2602	5.11

NOTES:

1. SEE DWG. BR-06 FOR BOARDWALK TYPICAL SECTION.

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BOARDWALK GENERAL PLAN & ELEVATION

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COUNTY ST. MARY'S
LOGMILE 11.19 TO 11.59
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VERTICAL SCALE N/A

DRAWING NO. BR-05 OF BR-09
SHEET NO. 47 OF 62

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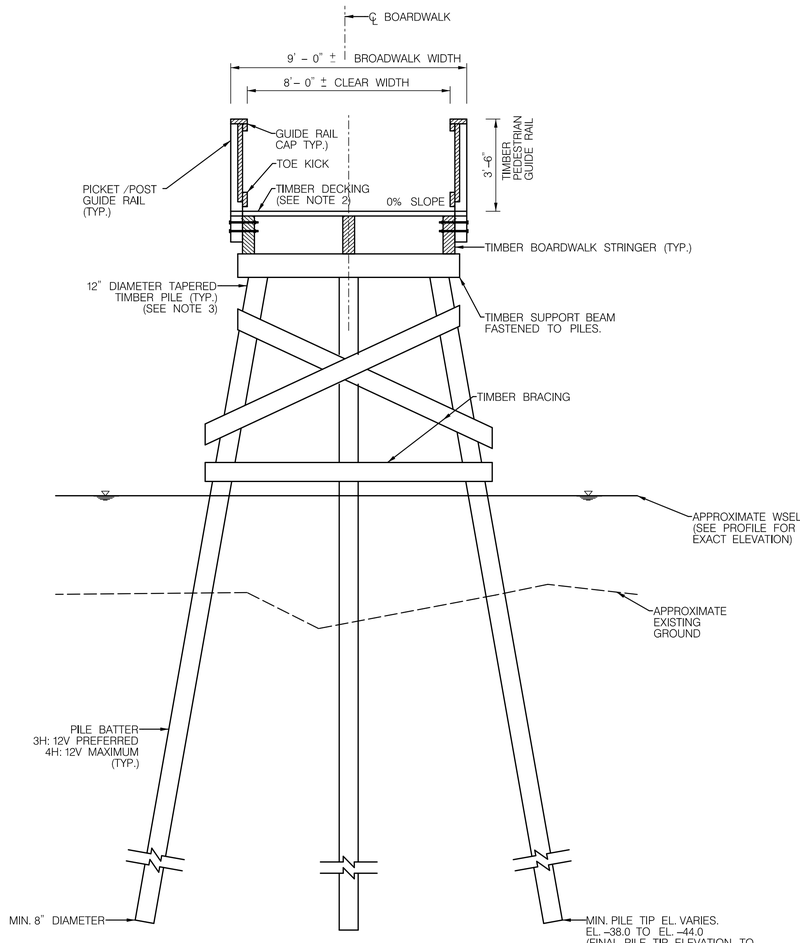

BOARDWALK TYPICAL SECTION

SCALE: 3 /8" = 1'–0"

PILE LOCATION	PILE CAPACITY (KIPS)	MIN PILE TIP EL. (FT.)	TOTAL SCOUR (FT.)
NORTH OF MD 5 BRIDGE	10.0	–38.0	8.14'
AT MD 5 BRIDGE	10.0	–40.0	8.14'
SOUTH OF MD 5 BRIDGE	10.0	–44.0	8.14'

NOTE: PILE LOCATION USES THE POINT LOOKOUT ROAD (MD 5) BRIDGE OVER THE WHERRITS POND INLET AS A POINT OF REFERENCE. SEE DRAWING NO. BR–09 FOR LOCATION OF MD 5 BRIDGE AND ADJACENT BOARDWALK PIERS

NOTE:

1. EXACT SIZE AND CONFIGURATION OF BOARDWALK MEMBERS AND EMBEDMENT DEPTH OF PILES TO BE DETERMINED BY BOARDWALK DESIGNER / INSTALLER.
2. TIMBER DECKING SHALL BE PLACED WITH 1/8" GAP BETWEEN DECK BOARDS.
3. 12" DIAMETER TAPERED TIMBER PILES SHALL BE USED FOR ALL PILES. PILE DIAMETERS TAPER FROM 12" AT THE TOP OF THE PILE TO 8" AT THE PILE TIP.

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REVISIONS

BOARDWALK DETAILS

SCALE N.T.S. ADVERTISED DATE DEC 2021 CONTRACT NO. SM193B51

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DRAWING NO. BR–06 OF BR–09 SHEET NO. 48 OF 62

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