CITY OF BLOOMINGTON
INDIANA

KINSER PIKE SIDEWALK

CITY OF BLOOMINGTON

MARK KRUZAN
MAYOR

TOM MICUDA
PLANNING & TRANSPORATION DIRECTOR

JEFF HEERDINK
PROJECT MANAGER

ROY ATEN
SENIOR PROJECT MANAGER

BRG PROJECT NO. 8153

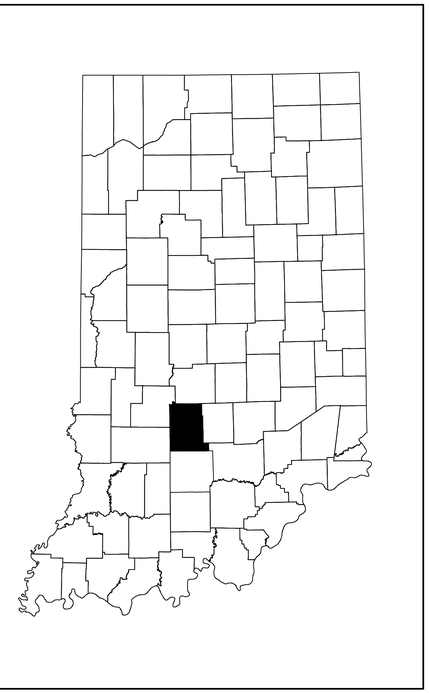
PROJECT DESCRIPTION

SIDEWALK IMPROVEMENTS ALONG THE EAST SIDE OF NORTH KINSER PIKE BETWEEN EAST 17TH STREET AND COLONIAL CREST ROAD.

LOCATED 0.36 MILES SOUTH OF THE JUNCTION WITH STATE ROAD 46 IN SECTION 28, T09N, R01W, BLOOMINGTON TOWNSHIP, MONROE COUNTY, INDIANA.

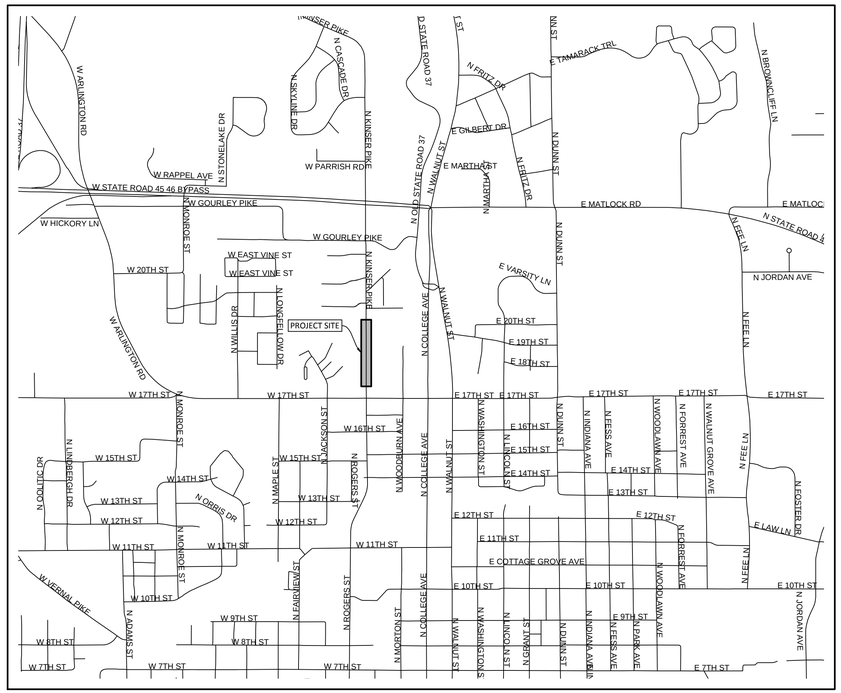
PROJECT LENGTHS

SIDEWALK LENGTH = 560 FT



2 COUNTY LOCATION MAP
NTS

NORTH



1 PROJECT LOCATION MAP
NTS

NORTH

SPECIFICATIONS

PROJECT MANUAL

CITY OF BLOOMINGTON CONSTRUCTION SPECIFICATIONS

INDIANA DEPARTMENT OF TRANSPORATION STANDARD SPECIFICATIONS 2014

SHEET INDEX

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CHELSEA S. MOSS REGISTERED 11400314 STATE OF INDIANA PROFESSIONAL ENGINEER

Bledsoe Riggert Guerrettaz
LAND SURVEYING · CIVIL ENGINEERING

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER 02/04/2015

CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

TITLE SHEET

BRG PROJECT	REVISIONS
8153	COB COMMENTS 03/06/15
ISSUE DATE	
10/17/2014	
HORIZONTAL SCALE	SHEET
-	C100
VERTICAL SCALE	
-	

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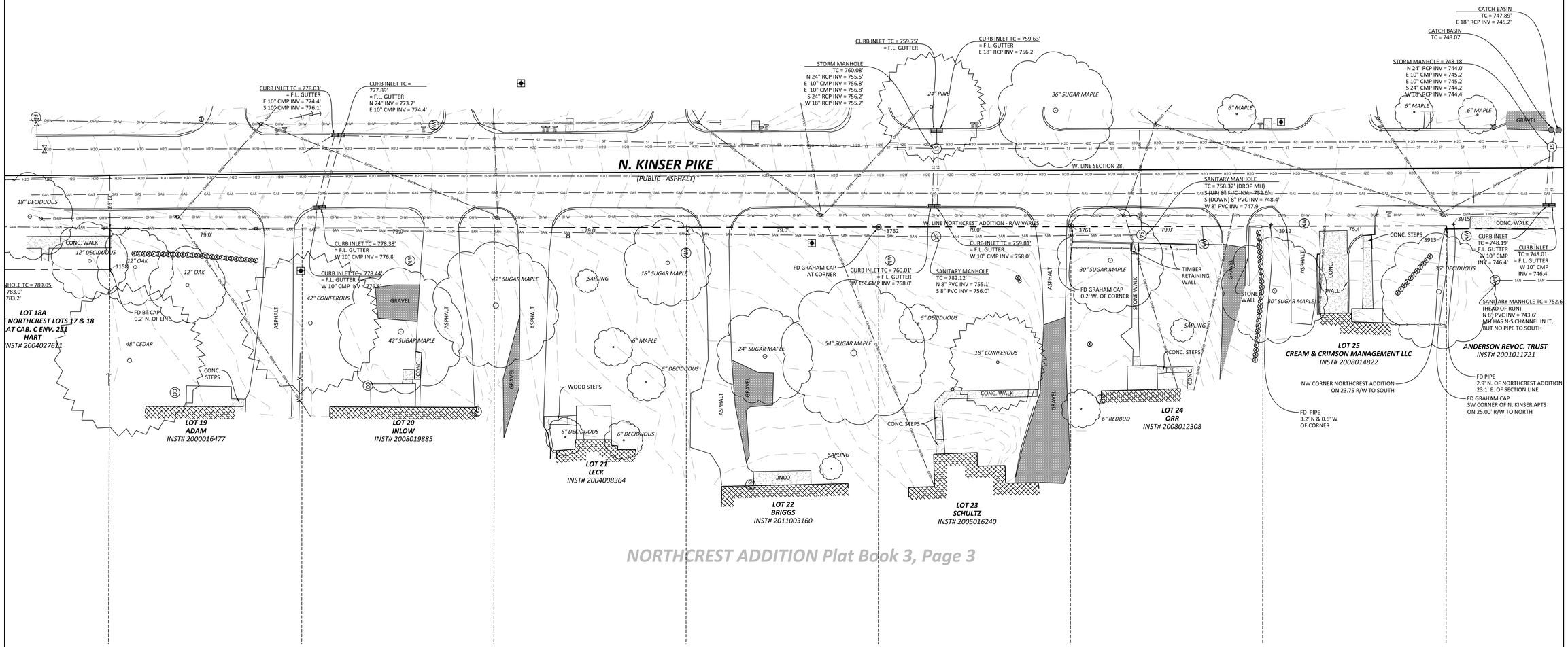
BRG 8153: KINSER PIKE SIDEWALK



1 EXISTING CONDITIONS

Scale: 1:20

SURVEY NOTES

1. FIELD WORK PERFORMED MARCH 3 & 7, 2014.

LEGEND

	YARD LIGHT		FENCE		FD AXLE		WATER VALVE
	LIGHT POLE		GUARDRAIL		FD BRASS DISK	FH	FIRE HYDRANT
SP	SIGNAL POLE	OHW	OVERHEAD WIRES		FD COT GIN SPDLE	SH	SPR. HOOKUP
	UTILITY POLE	UGE	UNDER ELEC.		FD CHISELED X		SPRINKLER
	GUY WIRE	GAS	GAS LINE		SET CHISELED X	Gas	GAS RISER-BOX
	CATCH BASIN	SAN	SAN SEWER LINE		SET DRILL HOLE	AC	AC UNIT
	CURB INLET	ST	STORM SEWER LINE		FD HARRISON MON.	PH	PHONE BOOTH
E	ELECTRIC MH	UT	UNDER TELEPHONE		SET HARRISON MON.		FIRE MAIN POST
MH	MANHOLE	H2O	EXISTING WATER LINE		SET HUB/TACK		MAILBOX
PH	PHONE MH	CW,VAPR	CHILLED WATER LINE		FD REBAR	PT	PROP. TANK
SA	SANITARY MH	R/W Mon.	SIGN		SET REBAR		PARKING BLOCK
SG	SIGNAL MH		R.O.W. MON.		SET MAG NAIL		POST
STE	STEAM MH		MONITORING WELL		SET MAG NAIL	Tel	SHRUB
ST	STORM MH		BOLLARD		FD NAIL	Rsr Tv Rsr	PHONE RISER-BOX
WM	WATER MH		BORE HOLE		SET NAIL		TV RISER-BOX
EM	ELEC. METER	DS	DOWNSPOUT		FD PIPE	Elec. Box	ELEC. RISER-BOX
CO	CLEANOUT		GATE POST		FD RR SPIKE		NON-SCALABLE LINE
GM	GAS METER		POLE		SET RR SPIKE		
GV	GAS VALVE	PMTR	PARKING METER		FD STONE		
			SPIGOT	(R)	RECORDED B&D		
			T-POST	(M)	MEASURED B&D		
			WOOD POST	(C)	CALCULATED B&D		
			PARKING SPACES	(PROP)	PROPORTIONAL DIST.		
			TRANSFORMER	A.G.	ABOVE GROUND		
		EV	ELEC. VAULT	B.G.	BELOW GROUND		
		PV	PHONE VAULT		CONIF. TREE		
		SV	STEAM VAULT		DECID. TREE		
		VV	VALVE VAULT				

CONTROL POINTS

CONTROL POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1158	1432339.5137	3107452.6094	786.49	FI BT CAP
3761	1432734.3977	3107434.6383	758.33	FI GRAHAMCAP
3762	1432655.3748	3107435.0161	762.89	FI GRAHAMCAP
3912	1432816.6107	3107434.1034	755.08	FP
3913	1432888.7801	3107435.7841	752.44	FI ORANGE CAP
3915	1432891.6819	3107433.8898	751.79	FP

FI = FOUND IRON
FP = FOUND PIPE

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CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

EXISTING
CONDITIONS

BRG PROJECT	REVISIONS
8153	
ISSUE DATE	
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1" = 20'	C101
VERTICAL SCALE	
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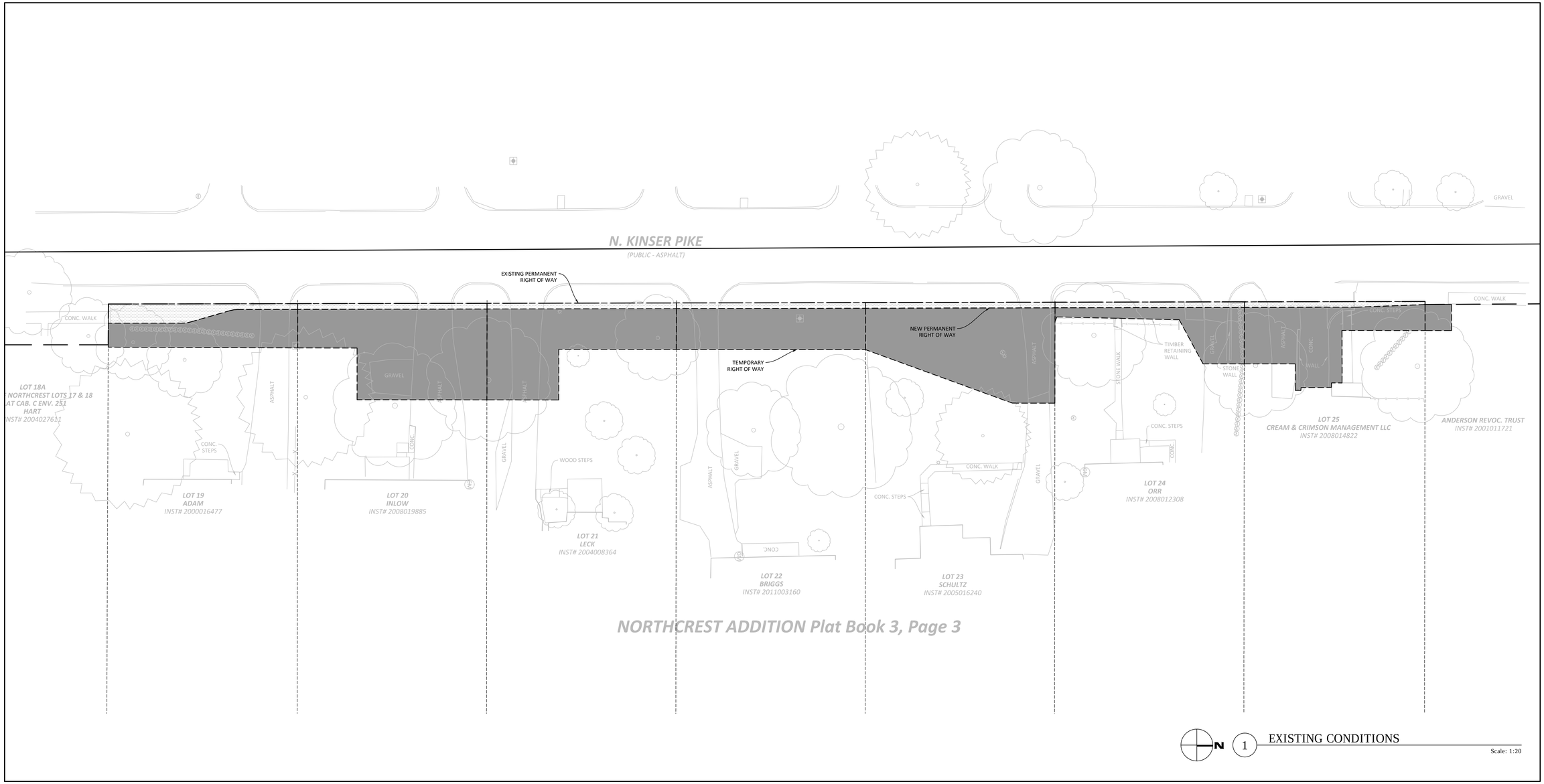

LEGEND

- RIGHT OF WAY LIMITS
- NEW PERMANENT RIGHT OF WAY
- NEW TEMPORARY RIGHT OF WAY

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RIGHT-OF-WAY
PLAN

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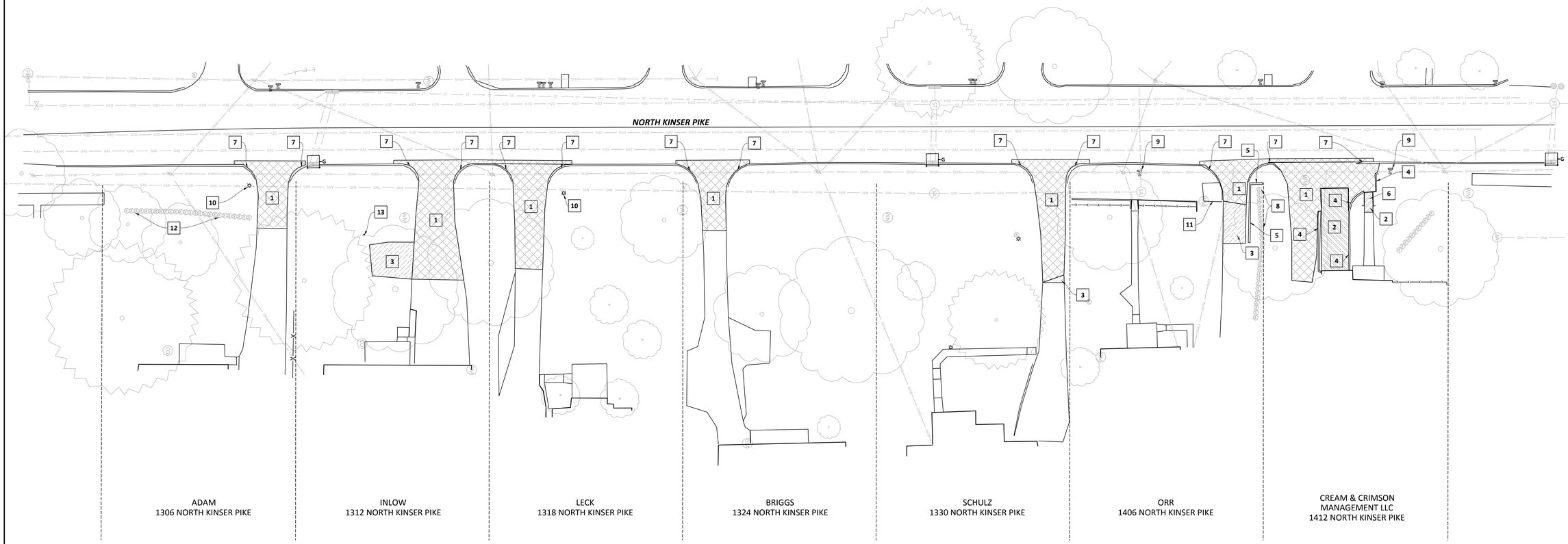

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1 SELECTIVE DEMOLITION PLAN

Scale: 1:20

GENERAL NOTES

1. CONTRACTOR IS REQUIRED TO VERIFY FIELD CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO START OF WORK.
2. THE LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE EXACT UTILITY LOCATIONS WITH THE LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY WORK. CONTACT THE INDIANA UNDERGROUND PLANT PROTECTION SERVICES, INC. AT 1-800-382-5544.
3. CONTRACTOR SHALL IMPLEMENT THE CONSTRUCTION OF STORMWATER POLLUTION PREVENTION MEASURES NECESSARY PRIOR TO START OF WORK TO ENSURE SEDIMENT DOES NOT LEAVE THE SITE.
4. THIS PLAN SHOWS THE OVERALL AREAS OF DEMOLITION TO ALLOW CONSTRUCTION OF IMPROVEMENTS. THE EXACT AREAS OF DEMOLITION SHALL BE ESTABLISHED AND RESTORED BY THE CONTRACTOR. CONTRACTOR SHALL REMOVE ALL DEMOLISHED MATERIAL FROM THE SITE UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING STRUCTURES, ASPHALT, CONCRETE, GRAVEL, SOIL, LANDSCAPING AND OTHER MATERIALS AS REQUIRED TO CONSTRUCT DESIGNED IMPROVEMENTS UNLESS NOTED OTHERWISE.
6. CONTRACTOR SHALL SAW CUT ALONG PAVEMENTS AND OTHER ADJOINING SURFACES TO REMAIN. SIDEWALKS AND CURBS SHALL BE REMOVED TO THE NEXT CLOSEST JOINT BEYOND.
7. AREAS DISTURBED DURING DEMOLITION, CONSTRUCTION, AND GRADING ACTIVITIES SHALL BE RESTORED TO PRE-EXISTING CONDITIONS OR BETTER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION WORK IN ORDER TO COMPLETE THE PROJECT AS DESIGNED.
9. CONTRACTOR TO PROTECT ALL EXISTING PLANTINGS NOT SCHEDULED FOR REMOVAL.
10. ANY REQUIRED DRIVEWAY/ACCESS CLOSURES SHALL BE SCHEDULED WITH THE OWNER A MINIMUM OF 7 DAYS IN ADVANCE.
11. ALL ELECTRICAL WORK INCLUDING DEMOLITION OF ELECTRICAL UTILITIES SUCH AS LIGHT POLES, POWER POLES, ETC. TO BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.
12. CONTRACTOR SHALL PROVIDE ADVANCE WARNING SIGNAGE, BARRICADES AND FLAGGERS AS REQUIRED WHEN WORKING ALONG, NEAR, OR WITHIN THE CITY OF BLOOMINGTON'S STREETS. ALL TRAFFIC CONTROLLING AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE INDIANA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND BE INSTALLED FOR A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO CLOSING ANY STREET OR PORTION THEREOF. THE CONTRACTOR SHALL CONTACT THE CITY OF BLOOMINGTON PUBLIC WORKS DEPARTMENT AT 812-349-3410 TO MAKE NECESSARY ARRANGEMENTS.

PLAN NOTES

1	SAWCUT AND REMOVE ASPHALT PAVEMENT
2	SAWCUT AND REMOVE CONCRETE PAVEMENT
3	REMOVE GRAVEL DRIVE
4	REMOVE RETAINING WALL
5	CAREFULLY REMOVE STONE WALL AND TURN STONE OVER TO HOMEOWNER
6	REMOVE CONCRETE STEPS
7	REMOVE ASPHALT CURB
8	REMOVE PLANTINGS - COORDINATE WITH PROPERTY OWNER
9	CAREFULLY REMOVE MAILBOX AND RETURN TO HOMEOWNER
10	CAREFULLY REMOVE AND RELOCATE EXISTING LAMP POST. COORDINATE WITH HOMEOWNER.
11	EXISTING PLANTING BED AND LANDSCAPE TIMBERS TO BE REMOVED BY HOMEOWNER.
12	EXISTING PLANTINGS TO REMAIN - CONTRACTOR TO PROVIDE PROTECTION FOR PLANTINGS TO PREVENT DAMAGE TO PLANTS OR ROOTS.
13	EXISTING FLAG POLE TO REMAIN - CONTRACTOR TO PROVIDE PROTECTION FOR AND PREVENT DAMAGE TO FLAGPOLE

LEGEND

- LIMITS OF ASPHALT REMOVAL
- LIMITS OF CONCRETE REMOVAL
- LIMITS OF GRAVEL REMOVAL
- G — INLET PROTECTION - REFER TO DETAIL

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SELECTIVE
DEMOLITION PLAN

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8153	COB COMMENTS 03/06/15
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1" = 20'	C201
VERTICAL SCALE	
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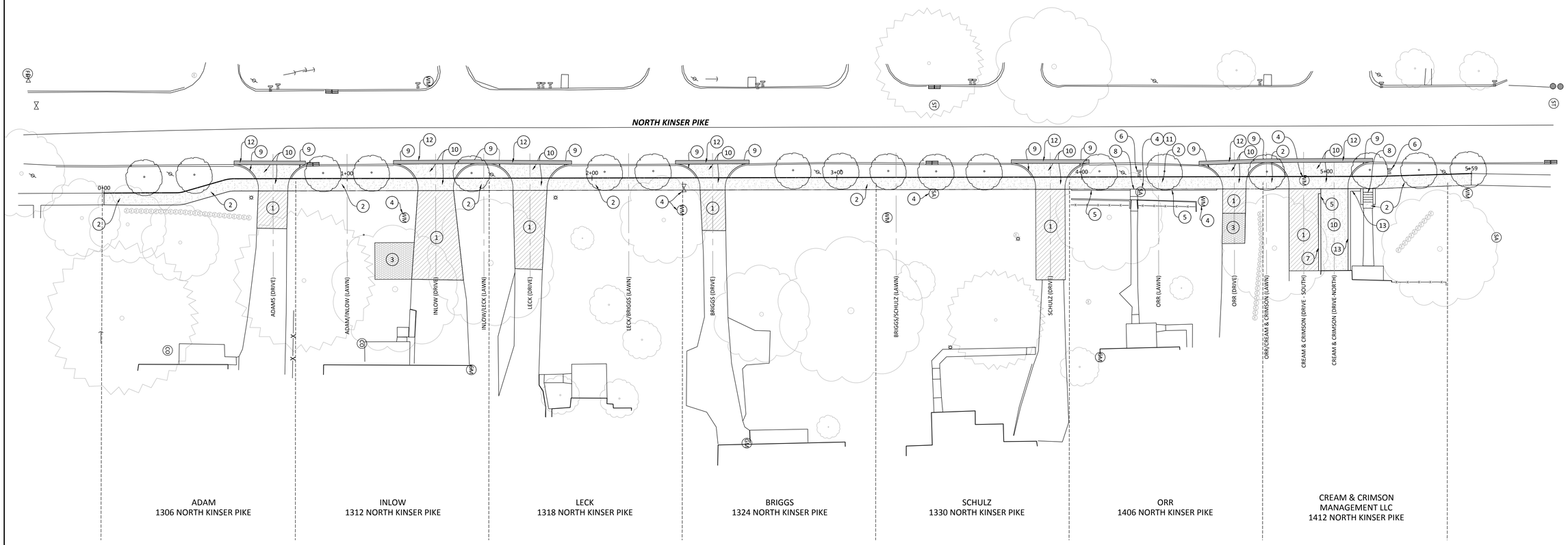

1 SIDEWALK IMPROVEMENT PLAN

Scale: 1:20

GENERAL NOTES

1. CONTRACTOR IS REQUIRED TO VERIFY FIELD CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
2. ALL DISTURBED AREAS SHALL RECEIVE 6" OF TOP SOIL AND SOD, OR BE IMPROVED AS NOTED OTHERWISE.
3. REFER TO DRAWING NO. C601, C602, AND C603 FOR DETAILS CORRESPONDING TO PLAN NOTES.
4. ALL STREET CUTS FOR IMPROVEMENTS SHALL BE REPAIRED TO MATCH EXISTING PAVEMENT SECTION OR BETTER.

PLAN NOTES

1. ASPHALT PAVEMENT - REFER TO DETAILS
2. CONCRETE PAVEMENT, 4" THICK - REFER TO DETAIL
3. GRAVEL PAVEMENT - REFER TO DETAIL
4. ADJUST EXISTING UTILITY CASTING TO MATCH PROPOSED GRADE
5. STANDING CONCRETE CURB - REFER TO DETAIL
6. INSTALL NEW MAILBOX - REFER TO DETAIL
7. CONCRETE RETAINING WALL - REFER TO DETAIL
8. CONCRETE STEPS - REFER TO DETAIL
9. CONCRETE CURB TRANSITION - REFER TO DETAIL
10. HEAVY DUTY CONCRETE PAVEMENT, 6" THICK - REFER TO DETAIL
11. MODIFY EXISTING STRUCTURE AND ROTATE CASTING AS NECESSARY TO INSTALL STEP AND STANDING CURB. COORDINATE WITH CITY OF BLOOMINGTON UTILITIES FOR MODIFICATIONS AND REQUIRED TESTING.
12. CITY OF BLOOMINGTON PAVEMENT PATCH, 18" WIDE - REFER TO DETAIL
13. SEGMENTAL BLOCK RETAINING WALL - REFER TO DETAIL

LEGEND

- LIMITS OF NEW ASPHALT PAVING
- LIMITS OF NEW CONCRETE PAVING
- LIMITS OF NEW GRAVEL PAVING
- LIMITS OF PAVEMENT PATCH

PLANTING SCHEDULE

SYMBOL	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION
MEDIUM AND SMALL TREES					
•	17	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2" CALIPER MINIMUM	B & B

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SIDEWALK
IMPROVEMENT PLAN

BRG PROJECT	REVISIONS
8153	COB COMMENTS 03/06/15
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1" = 20'	C301
VERTICAL SCALE	
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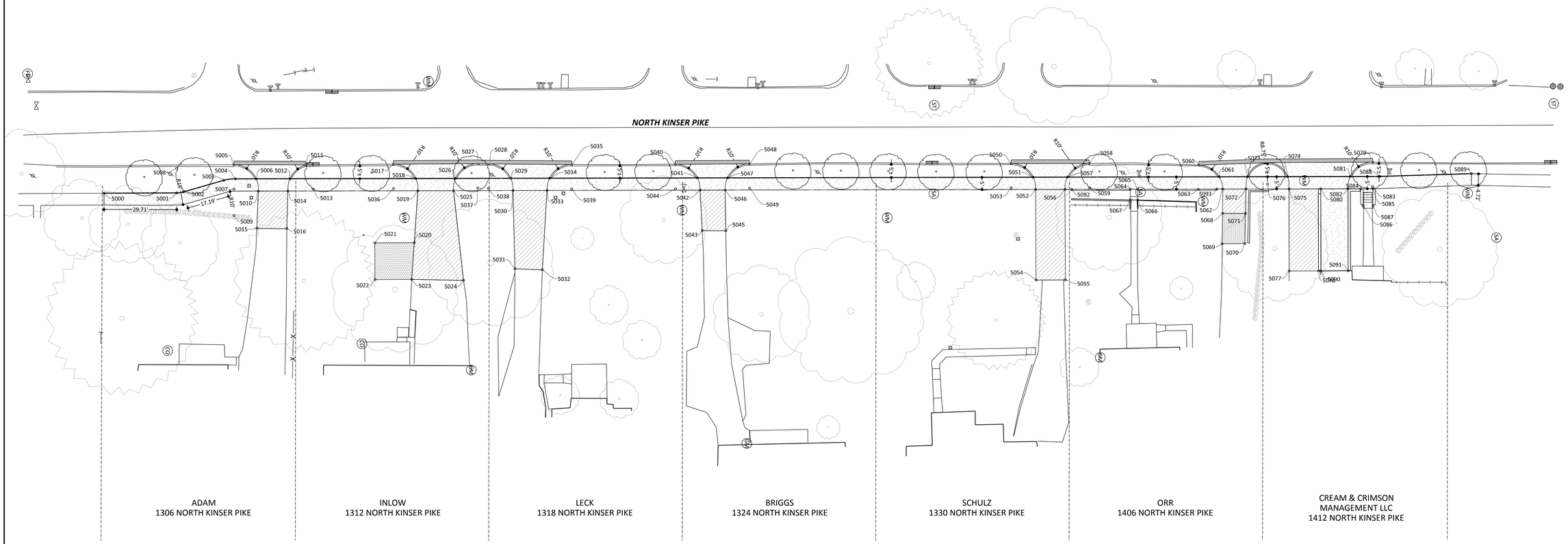

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1 SIDEWALK LAYOUT PLAN

Scale: 1:20

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF CURB, POINT OF TANGENCY, EDGE OF PAVEMENT, OR EDGE OF WALK, UNLESS OTHERWISE NOTED. ALL RADII ARE TO FACE OF CURB UNLESS NOTED OTHERWISE. CURB AND WALL COORDINATES ARE TO THE FACE, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.

LEGEND

- LIMITS OF NEW ASPHALT PAVING
- LIMITS OF NEW CONCRETE PAVING
- LIMITS OF NEW GRAVEL PAVING
- LIMITS OF PAVEMENT PATCH

LAYOUT COORDINATES

POINT #	NORTHING	EASTING	DESCRIPTION
5000	1432340.0953	3107438.7338	WALK
5001	1432369.7606	3107438.6072	WALK
5002	1432372.4763	3107438.2193	WALK
5003	1432388.9952	3107433.4789	WALK
5004	1432393.7243	3107432.8957	WALK
5005	1432393.0634	3107427.0937	CURB
5006	1432402.1745	3107432.8779	WALK/CURB
5007	1432393.1065	3107437.0936	RADIUS
5008	1432369.7179	3107428.6073	RADIUS
5009	1432393.1327	3107447.8970	RADIUS
5010	1432403.0788	3107437.8760	WALK/ASPH
5011	1432422.3542	3107427.1535	CURB
5012	1432415.9959	3107432.8486	WALK/CURB

POINT #	NORTHING	EASTING	DESCRIPTION
5013	1432425.4472	3107437.0037	RADIUS
5014	1432415.1575	3107437.8504	WALK/ASPH
5015	1432402.4834	3107453.0864	ASPH
5016	1432414.7208	3107453.1546	ASPH
5017	1432458.2743	3107426.8678	CURB
5018	1432467.3825	3107432.7398	WALK/CURB
5019	1432468.2379	3107437.7380	WALK/ASPH
5020	1432466.7677	3107458.9403	GRAV/ASPH
5021	1432450.6432	3107459.0308	GRAV
5022	1432450.7274	3107474.0306	GRAV
5023	1432465.7272	3107473.9463	GRAV/ASPH
5024	1432486.8675	3107474.3521	ASPH
5025	1432482.8079	3107437.7072	WALK/ASPH

POINT #	NORTHING	EASTING	DESCRIPTION
5026	1432483.5732	3107432.7056	WALK/CURB
5027	1432493.0030	3107426.6727	CURB
5028	1432497.3062	3107426.7728	CURB
5029	1432506.1692	3107432.6578	WALK/CURB
5030	1432507.0767	3107437.6558	WALK/ASPH
5031	1432507.8818	3107469.6166	ASPH
5032	1432519.0814	3107470.0165	ASPH
5033	1432520.9729	3107437.6264	WALK/ASPH
5034	1432522.0406	3107432.6242	WALK/CURB
5035	1432531.0059	3107427.0135	CURB
5036	1432458.2743	3107436.8678	RADIUS
5037	1432492.7540	3107436.6696	RADIUS
5038	1432497.0427	3107436.7862	RADIUS

POINT #	NORTHING	EASTING	DESCRIPTION
5039	1432531.0258	3107437.0135	RADIUS
5040	1432573.4382	3107426.9299	CURB
5041	1432582.4219	3107432.4964	WALK/CURB
5042	1432583.5005	3107437.4941	WALK/ASPH
5043	1432584.3549	3107454.0216	ASPH
5044	1432573.4594	3107436.9281	RADIUS
5045	1432594.0033	3107454.0847	ASPH
5046	1432593.7312	3107437.4724	WALK/ASPH
5047	1432594.6892	3107432.4704	WALK/CURB
5048	1432603.5569	3107426.7645	CURB
5049	1432603.7208	3107436.7630	RADIUS
5050	1432710.5653	3107426.5802	CURB
5051	1432719.5089	3107432.2062	WALK/CURB

POINT #	NORTHING	EASTING	DESCRIPTION
5052	1432720.5191	3107437.2041	WALK/ASPH
5053	1432710.5162	3107436.5801	RADIUS
5054	1432720.6892	3107474.2038	ASPH
5055	1432732.6890	3107474.1487	ASPH
5056	1432732.5192	3107437.1787	WALK/ASPH
5057	1432733.5481	3107432.1765	WALK/CURB
5058	1432742.3884	3107426.5902	CURB
5059	1432742.5218	3107436.5893	RADIUS
5060	1432787.2519	3107427.2343	CURB
5061	1432795.4655	3107432.0455	WALK/CURB
5062	1432796.9146	3107437.0424	WALK/ASPH
5063	1432786.9284	3107437.1844	RADIUS
5064	1432759.1745	3107437.1223	WALK

POINT #	NORTHING	EASTING	DESCRIPTION
5065	1432762.1745	3107437.1281	WALK
5066	1432762.1885	3107441.5077	WALK
5067	1432759.1884	3107441.4602	WALK
5068	1432796.8654	3107446.9765	GRAV/ASPH
5069	1432796.6791	3107459.3712	GRAV
5070	1432805.9520	3107459.2928	GRAV
5071	1432806.2118	3107447.0227	GRAV/ASPH
5072	1432806.4235	3107437.0223	WALK/ASPH
5073	1432806.9935	3107432.0211	WALK/CURB
5074	1432823.4301	3107431.9863	WALK/CURB
5075	1432823.9724	3107436.9851	WALK/ASPH
5076	1432815.2182	3107435.0074	RADIUS
5077	1432824.0521	3107470.4955	ASPH

POINT #	NORTHING	EASTING	DESCRIPTION
5078	1432836.0433	3107470.4752	ASPH
5079	1432858.1623	3107426.0549	CURB
5080	1432836.9723	3107436.9576	WALL
5081	1432848.9604	3107431.9322	WALK/CURB
5082	1432848.0730	3107436.9341	WALL
5083	1432858.0712	3107436.0545	RADIUS
5084	1432853.2557	3107436.9232	WALK
5085	1432858.2557	3107436.9126	WALK
5086	1432854.2705	3107443.9210	WALK
5087	1432858.2705	3107443.9126	WALK
5088	1432861.0155	3107431.8760	WALK
5089	1432898.5310	3107430.7598	WALK
5090	1432837.0433	3107470.4753	WALL

POINT #	NORTHING	EASTING	DESCRIPTION
5091	1432848.1438	3107470.3981	WALL
5092	1432735.2214	3107437.1730	WALK/CURB
5093	1432794.5186	3107437.0475	WALK/CURB

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SIDEWALK
LAYOUT PLAN

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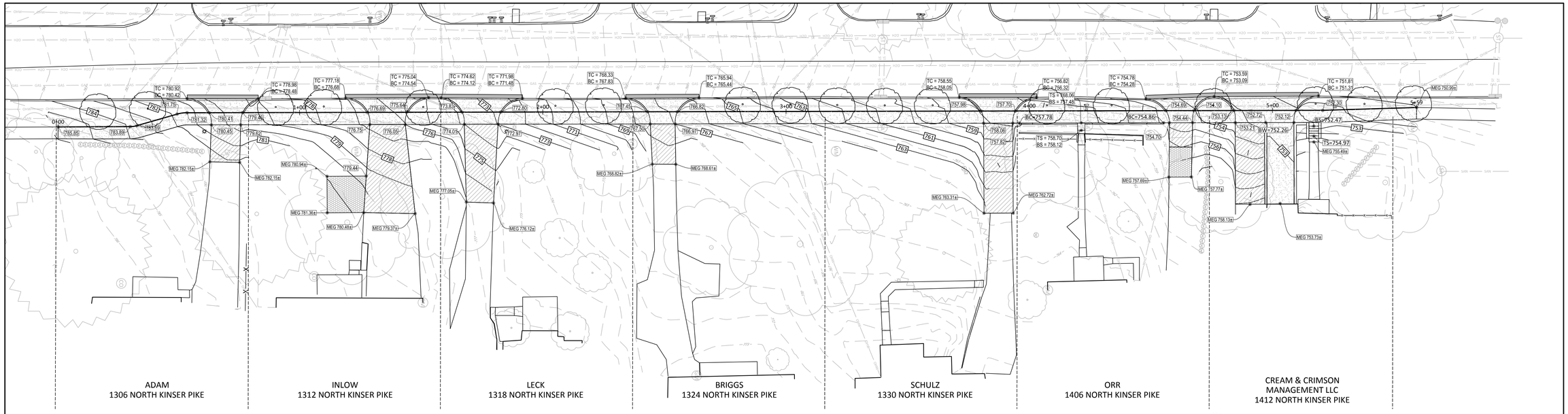
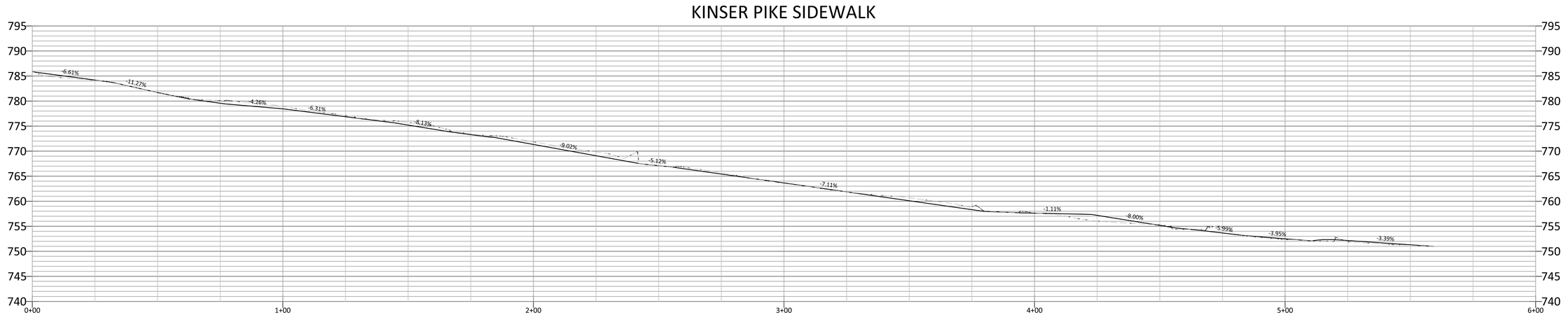


1 SIDEWALK GRADING PLAN

Scale: 1:20



2 SIDEWALK ROFILE

H: 1:20 V: 1:10

GENERAL NOTES

1. GRADE ALL AREAS TO THE FINISH GRADE SHOWN.
2. CONTRACTOR TO VERIFY FIELD CONDITIONS WITH RESPECT TO THE PROPOSED GRADING AND NOTIFY ENGINEER OF ANY AND ALL DISCREPANCIES PRIOR TO BEGINNING WORK.
3. INSTALL AND MAINTAIN EROSION CONTROL DEVICES AS REQUIRED AND WHERE NECESSARY TO CONTROL SEDIMENT.
4. CONTRACTOR SHALL ADJUST ALL CASTINGS TO FINISHED GRADE.
5. CONTRACTOR SHALL ESTABLISH FINISH GRADE TO ENSURE POSITIVE DRAINAGE WITH NO PONDING.
6. LONGITUDINAL SIDEWALK SLOPE SHALL NOT EXCEED 5% AND TRANSVERSE SIDEWALK SLOPE SHALL NOT EXCEED 2% UNLESS INDICATED OTHERWISE.
7. CONTRACTOR SHALL COORDINATE EXACT UTILITY LOCATIONS WITH THE OWNER AND LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY WORK. CONTACT THE INDIANA UNDERGROUND PLANT PROTECTION SERVICES INC., AT 1-800-382-5544 AND OTHER UTILITIES PRIOR TO ANY EXCAVATION ON THE SITE.

LEGEND

	LIMITS OF NEW ASPHALT PAVING
	LIMITS OF NEW CONCRETE PAVING
	LIMITS OF NEW GRAVEL PAVING
	LIMITS OF PAVEMENT PATCH
	EXISTING CONTOURS
	PROPOSED CONTOURS
TS	TOP OF STEP
BS	BOTTOM OF STEP
TC	TOP OF CURB
BC	BOTTOM OF CURB
BW	BOTTOM OF WALL
MEG	MATCH EXISTING GRADE

CHELSEA S. MOSS
REGISTERED
11400314
STATE OF
INDIANA
PROFESSIONAL ENGINEER

Bledsoe Riggert Guerrettaz
LAND SURVEYING · CIVIL ENGINEERING

Chelsea S. Moss 02/04/2015
DESIGN ENGINEER

CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

SIDEWALK
GRADING PLAN

BRG PROJECT	REVISIONS
8153	
ISSUE DATE	
10/17/2014	
HORIZONTAL SCALE	SHEET
1" = 20'	C401
VERTICAL SCALE	
-	

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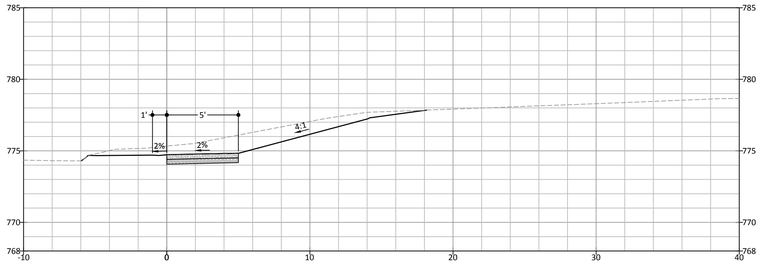
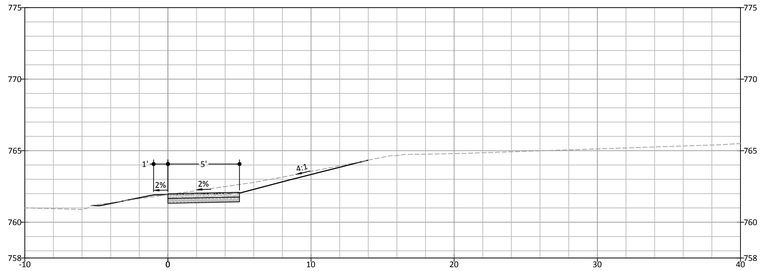
PRINT DATE: 10/21/2014 11:38:46 AM

SECTION AT INLOW/LECK (LAWN)



SECTION AT BRIGGS/SCHULZ (LAWN)



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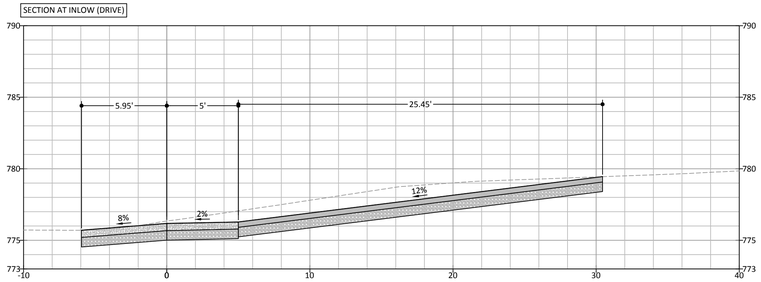

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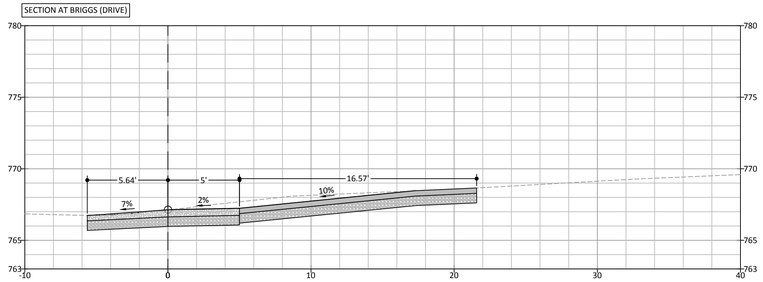
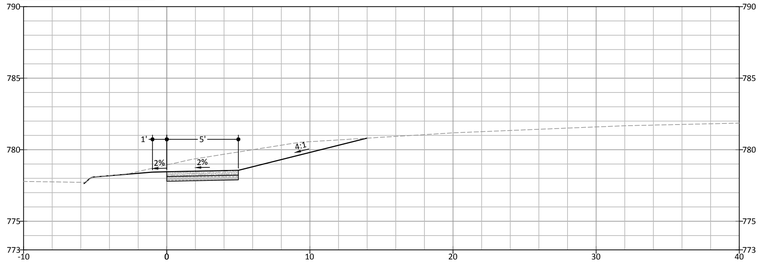
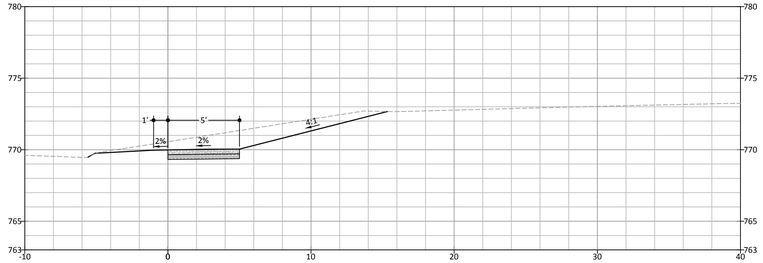


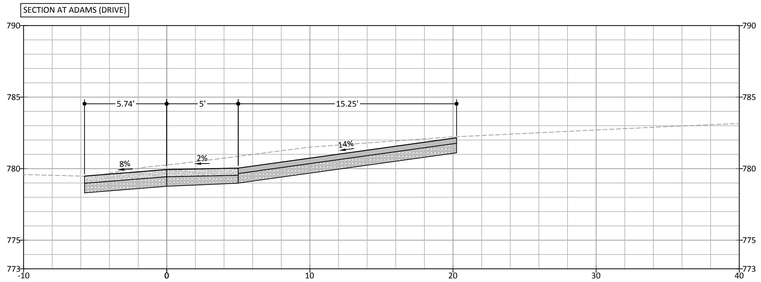
SECTION AT ADAM/INLOW (LAWN)



SECTION AT LECK/BRIGGS (LAWN)



SECTION AT ADAMS (DRIVE)



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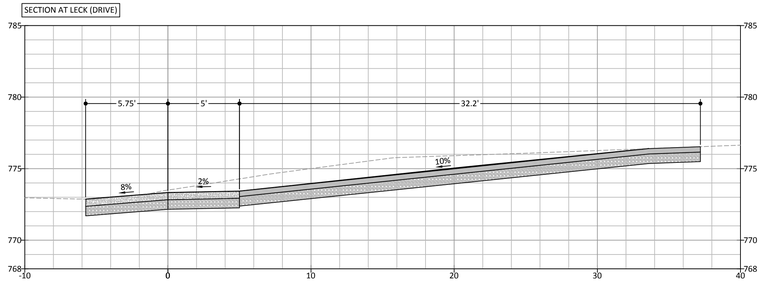

CHELSEA S. MOSS
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11400314
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DESIGN ENGINEER 02/04/2015

CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

IMPROVEMENT
SECTIONS

BRG PROJECT	REVISIONS
8153	COB COMMENTS 03/06/15
ISSUE DATE	
10/17/2014	
HORIZONTAL SCALE	SHEET
1" = 5'	C501
VERTICAL SCALE	
1" = 5'	

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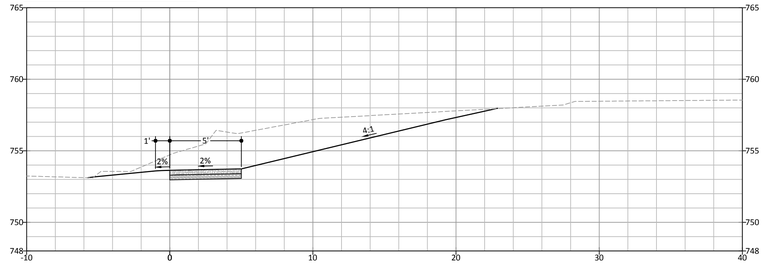
SECTION AT ORR/CREAM & CRIMSON (LAWN)



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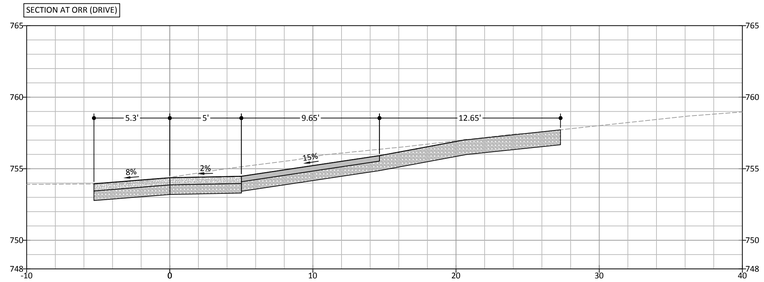

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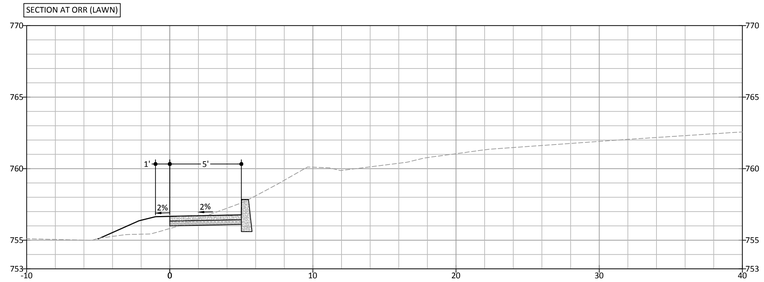
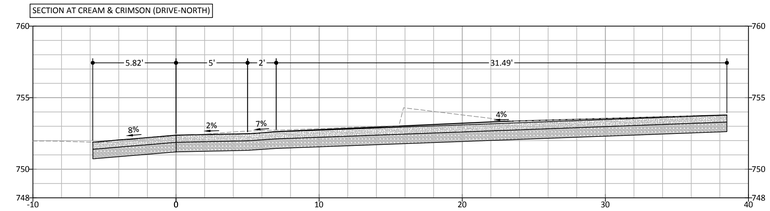
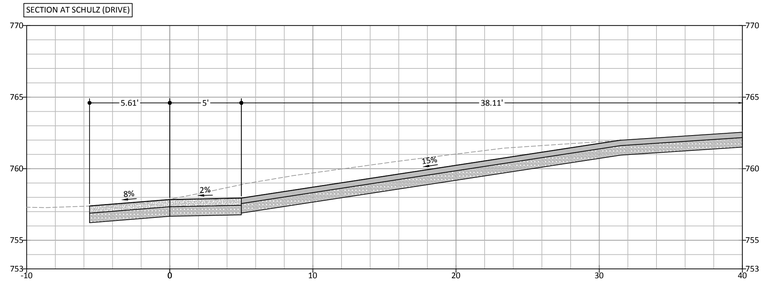


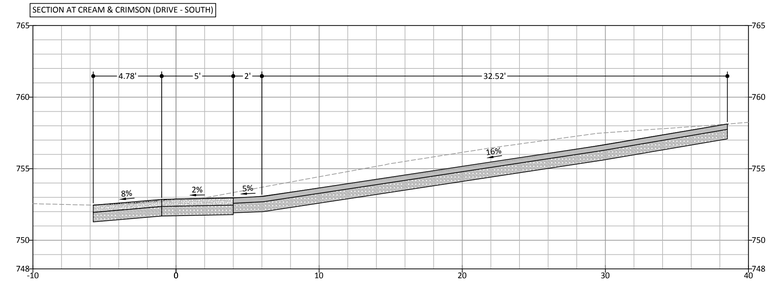
SECTION AT CREAM & CRIMSON (DRIVE-NORTH)



SECTION AT SCHULZ (DRIVE)



SECTION AT CREAM & CRIMSON (DRIVE - SOUTH)



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DESIGN ENGINEER 02/04/2015

CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

IMPROVEMENT
SECTIONS

BRG PROJECT	REVISIONS
8153	COB COMMENTS 03/06/15
ISSUE DATE	
10/17/2014	

HORIZONTAL SCALE	SHEET
1" = 5'	C502
VERTICAL SCALE	
1" = 5'	

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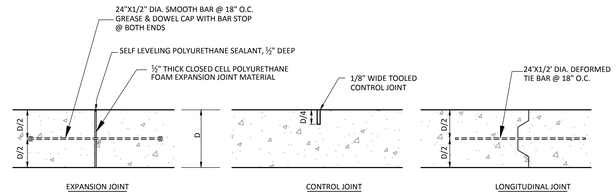
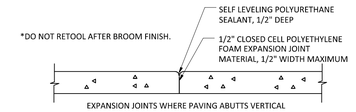


NOTE: CONSTRUCT EXPANSION JOINTS AT 40' MAX. AND CONTROL JOINTS AT 10' MAX. UNLESS OTHERWISE NOTED

9 HEAVY DUTY PAVEMENT JOINT DETAIL

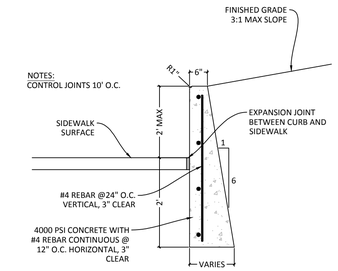
NTS



EXPANSION JOINTS WHERE PAVING ABUTTS VERTICAL SURFACE AND AS SHOWN. EXPANSION JOINTS SHALL OTHERWISE BE SPACED AT A MAXIMUM OF 40' O.C.

6 SIDEWALK EXPANSION JOINT DETAIL

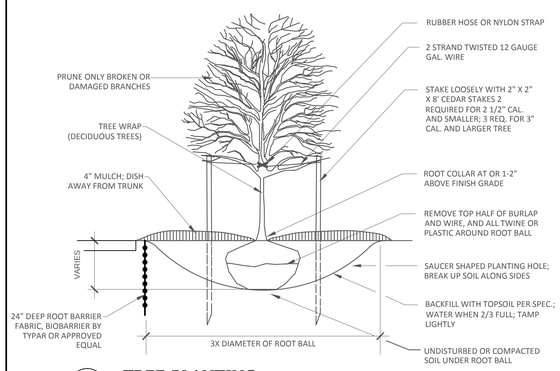
NTS



FINISHED GRADE ABOVE CURB

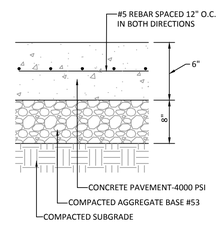
3 STANDING CONCRETE CURB

NTS



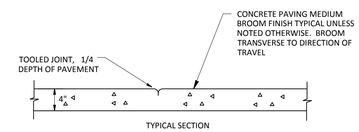
11 TREE PLANTING

NTS



8 HEAVY DUTY CONCRETE PAVEMENT

NTS

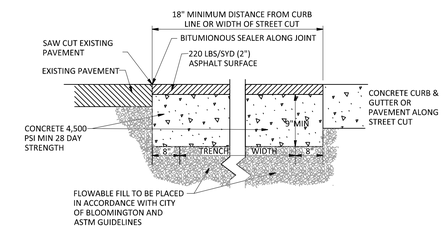


TYPICAL SECTION

TOOLED SCORE JOINTS SHALL BE SPACED 5' ON CENTER UNLESS OTHERWISE NOTED OR SHOWN.

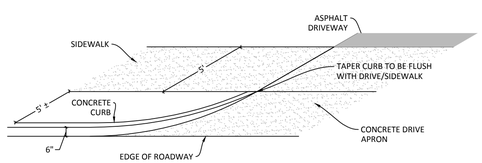
5 SIDEWALK SECTION & JOINT DETAIL

NTS

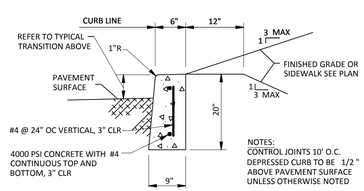


2 CITY OF BLOOMINGTON PAVEMENT PATCH

NTS



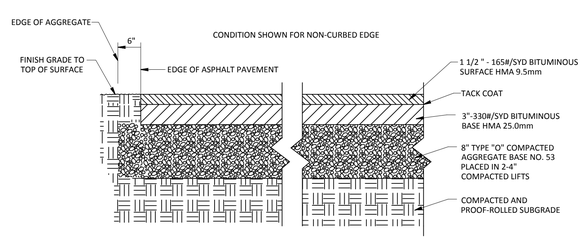
TYPICAL TRANSITION



TRANSITION SECTION

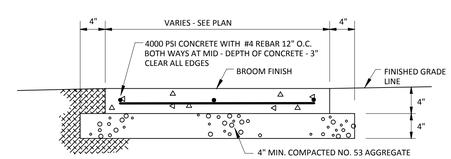
10 CONCRETE CURB TRANSITION

NTS



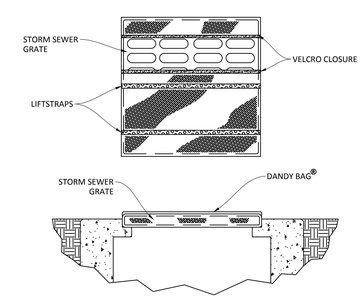
7 ASPHALT PAVEMENT

NTS



4 CONCRETE PAVEMENT

NTS



1 INLET PROTECTION - DANDY BAG

NTS

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PRINT DATE: 10/21/2014 11:38:46 AM

CHELSEA S. MOSS REGISTERED 11400314 STATE OF INDIANA PROFESSIONAL ENGINEER

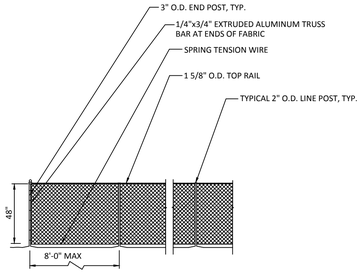
Bledsoe Riggert Guerrettaz
LAND SURVEYING · CIVIL ENGINEERING

DESIGN ENGINEER 02/04/2015

CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

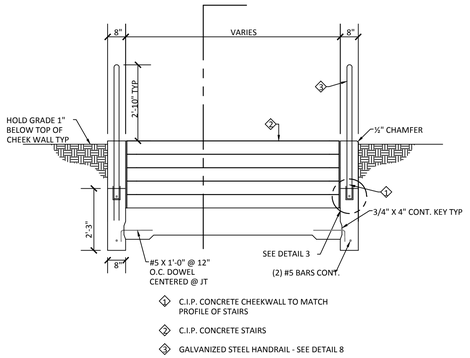
SITE DETAILS

BRG PROJECT	REVISIONS
8153	COB COMMENTS 03/06/15
ISSUE DATE	
10/17/2014	
HORIZONTAL SCALE	SHEET
-	C601
VERTICAL SCALE	
-	



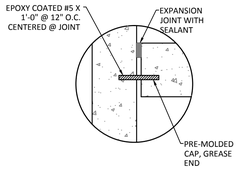
5 CHAIN LINK FENCE DETAIL

NTS



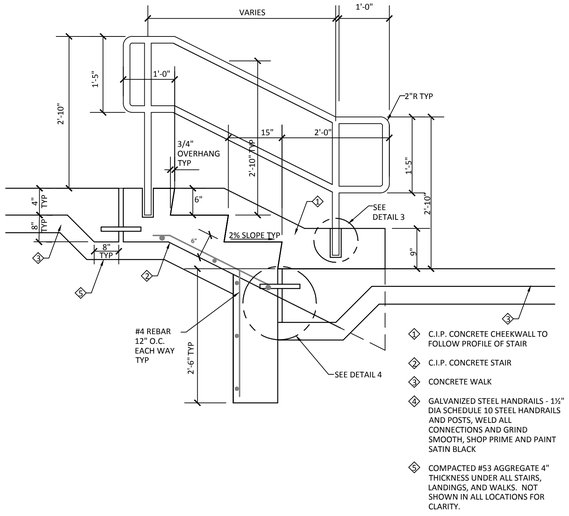
2 STAIR & CHEECKWALL DETAIL

NTS



4 EXPANSION JOINT DETAIL

NTS



1 STAIR SECTION

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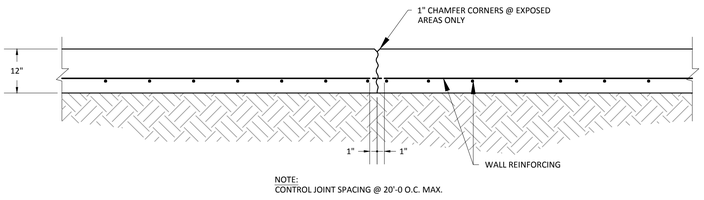
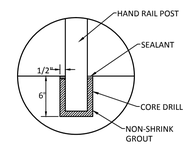


6 RETAINING WALL CONTROL JOINT

NTS



3 POST INSTALLATION DETAIL

NTS

CHELSEA S. MOSS REGISTERED 11400314 STATE OF INDIANA PROFESSIONAL ENGINEER

Bledsoe Riggert Guerrettaz
LAND SURVEYING · CIVIL ENGINEERING

DESIGN ENGINEER 02/04/2015

CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

SITE
DETAILS

BRG PROJECT	REVISIONS
8153	
ISSUE DATE	
10/17/2014	

HORIZONTAL SCALE	SHEET
-	C602
VERTICAL SCALE	
-	

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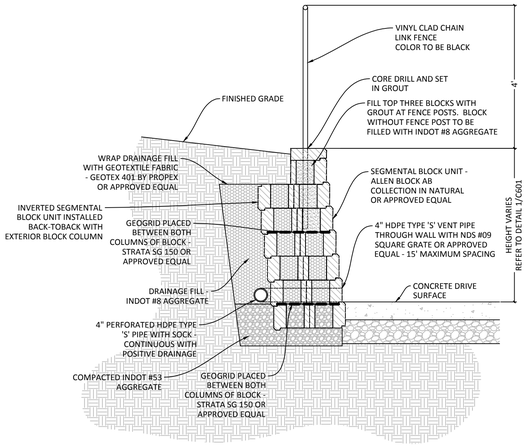
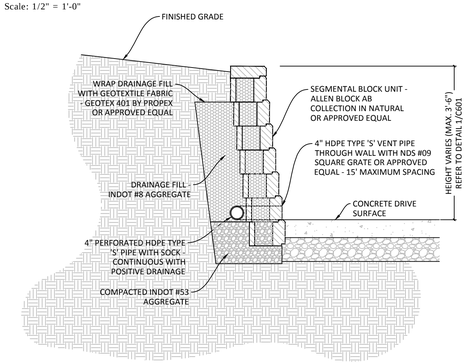


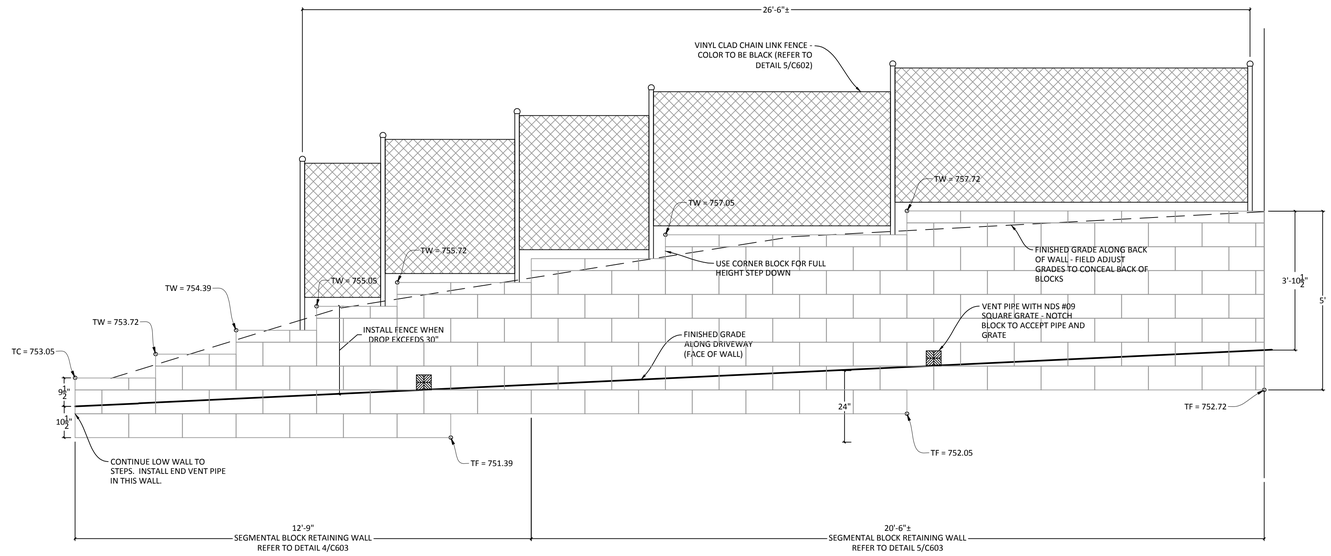
5 NORTH RETAINING WALL SECTION

Scale: 1/2" = 1'-0"



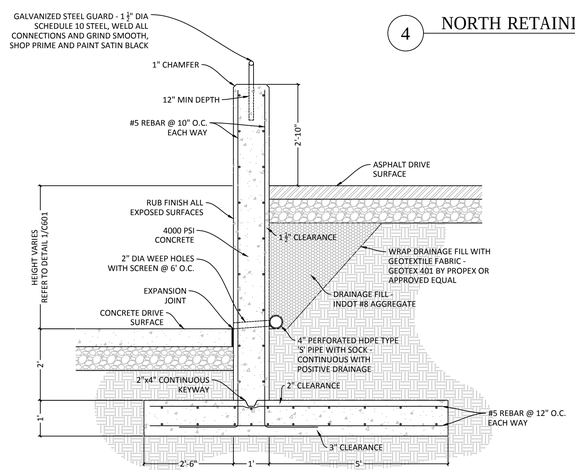
4 NORTH RETAINING WALL SECTION

Scale: 1/2" = 1'-0"



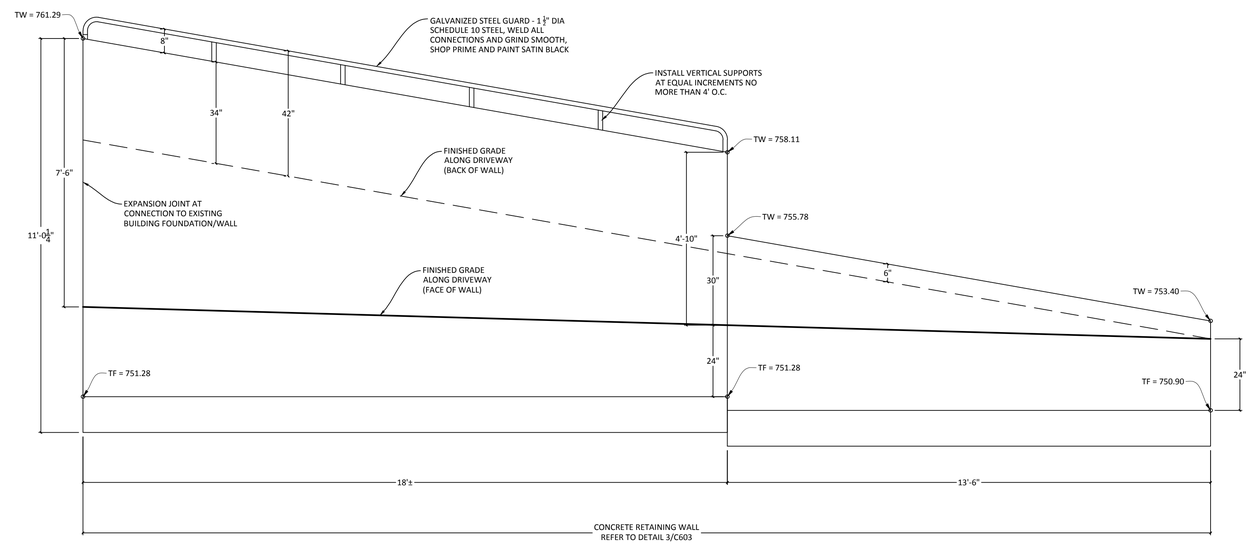
2 NORTH RETAINING WALL - SOUTH ELEVATION

Scale: 1/2" = 1'-0"



3 SOUTH RETAINING WALL SECTION

Scale: 1/2" = 1'-0"



1 SOUTH RETAINING WALL - NORTH ELEVATION

Scale: 1:2

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DESIGN ENGINEER 02/04/2015

CITY OF BLOOMINGTON
KINSER PIKE SIDEWALK

RETAINING WALL DETAILS

BRG PROJECT	REVISIONS
8153	COB COMMENTS 03/06/15
ISSUE DATE	
10/17/2014	
HORIZONTAL SCALE	SHEET
-	C603
VERTICAL SCALE	
-	