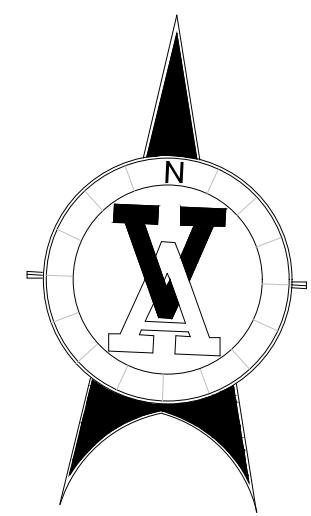


ALLIGATOR CREEK TRAIL PHASE 1 CONTRACT #NB

100% CONSTRUCTION DOCUMENTS 3/12/2024



LOCATION MAP

SCALE: 1"=400'

NOTES:

PROJECT DESCRIPTION:

- 6313 LINEAR FEET 10 FOOT WIDE TRAIL LOCATED ON A 46 ACRE TRACT IN NEW BRAUNFELS, TEXAS BETWEEN OAK CREEK ESTATES PHASE 1 & 2

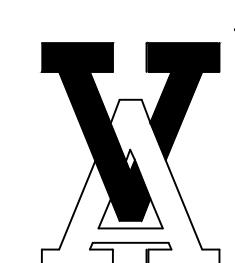
DESIGN CODES:

- AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES (2012)

RESTRICTIONS:

- FEMA FLOOD ZONE AE PER MAP NUMBER 48091C0455F DATED SEPTEMBER 2, 2009

PREPARED FOR:



VICKREY & ASSOCIATES, LLC
CONSULTING ENGINEERS

12940 Country Parkway, San Antonio, TX 78216
Telephone: (210) 349-3271
Firm Registration No: F-159

SHEET LIST

Sheet Title

Sheet Number	Sheet Title
C1	COVER SHEET
C2	GENERAL NOTES
C3	TRAIL OVERALL LAYOUT AND CONTROL PLAN
C4	STORMWATER POLLUTION PREVENTION PLAN
C5	STORM WATER POLLUTION PREVENTION PLAN DETAILS
C6	TREE PRESERVATION PLAN
C7	TREE REMOVAL PLAN
C8	TRAIL CULVERT DETAILS
C9	TRAIL PATH A PLAN AND PROFILE STA 11+68-21+00
C10	TRAIL PATH A PLAN AND PROFILE STA 21+00-31+00
C11	TRAIL PATH A PLAN AND PROFILE STA 31+00-41+00
C12	TRAIL PATH A PLAN AND PROFILE STA 41+00-51+00
C13	TRAIL PATH A PLAN AND PROFILE STA 51+00-62+91
C14	TRAIL PATH B & C PLAN AND PROFILE
C15	TRAIL PATH D & E PLAN AND PROFILE
C16	TRAIL DETAILS
L1.0	OVERALL LANDSCAPE CONSTRUCTION PLAN
L1.1-L1.7	ENLARGED LANDSCAPE CONSTRUCTION PLAN
L1.8	LANDSCAPE CONSTRUCTION DETAILS



SHEET C1

<p>City of New Braunfels General Notes (revised March 2023)</p> <p>General</p> <ol style="list-style-type: none"> All work shall conform to the Texas Department of Transportation (TxDOT) Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges, November 2014, and the City of New Braunfels details and standards. All work shall be performed in accordance with all applicable federal, state, and local laws, regulations, rules, ordinances, or standards. The contractor shall always maintain a copy of the latest contract construction plans and specifications on-site. The contractor shall obtain all permits and inspections required to complete the work (no separate pay item). The contractor shall provide an emergency telephone number for evenings, weekends, and holidays before construction. The contractor shall respond to the city within two hours of the initial contact. The contractor's personnel, including subcontractors, shall always wear identifying clothing or hats on-site. The contractor shall field verify and protect all existing utilities prior to construction. The contractor shall field verify TxDOT Standard Specifications, Texas-811 72 hours before any work is to be performed and maintain current license through the duration of the project. The contractor shall coordinate all work individually with adjacent utilities in the area, including but not limited to: CenterPoint Energy (gas), NBUL electric, NBUL water, AT&T communications, Spectrum cable, City Public Works Department, City Fire Department, and TxDOT. The contractor shall preserve all survey monuments and site markings provided. The contractor shall be responsible for all construction staking required for the successful completion of the project. The contractor shall maintain project elevations. The term "match existing" shall signify both horizontal and vertical alignment. The contractor shall prepare a construction phasing plan detailing limits of construction for each phase. The phasing plan shall be submitted to the city for approval prior to construction. The contractor will not be allowed to work out of phase unless written approval has been obtained from the city for the phase change. The phasing plan shall include all general and haul routes. The contractor is responsible for all subsidiary work and the means and methods necessary to complete the project. The contractor shall provide written notification to the city and design engineer of discrepancies between the construction plans and specifications. The more stringent requirements shall govern unless otherwise directed in writing by the city. The contractor shall provide written notification to the city and design engineer of discrepancies between the site conditions and the construction plans prior to construction. The contractor shall assume full responsibility for all necessary revisions due to failure to give such notification. 		<p>Site:</p> <ol style="list-style-type: none"> The contractor shall assume sole and complete responsibility for job-site conditions during the construction of the project, including the security and safety of all persons and property; this requirement shall apply continuously and not be limited to normal working hours. The contractor shall keep all areas within and adjacent to construction areas free from overgrown vegetation and all construction debris and be safe for pedestrian and vehicle traffic before, during, and after construction. The contractor shall implement best management practices regarding dust, dirt, and erosion control. Contractor may be responsible for additional mitigation upon request of owner. The street alignment, driveways, sidewalks, and walkways within and adjacent to the project shall be swept free of mud and all debris removed from the work area daily. The contractor shall install and maintain the project sign in accordance with city standards and specifications. The contractor shall remove, protect, relocate, or reinstall items requested by the city as directed by the owner. The contractor shall repair any damage caused by the contractor outside of the designated work area or existing off-site improvements that are damaged or destroyed by the contractor's operations shall be repaired or replaced as directed by the engineer and approved by the city the existing improvements at the contractor's expense (no separate pay item). The contractor shall remove all waste materials. The city shall approve the location for disposal of construction materials used to construct. The contractor shall not place any waste material in any 100-year flood plain. Waste materials shall be placed in existing lows that will block or prevent flow of existing or natural drainage. Drainage improvements sufficient to mitigate the impact of construction shall be installed prior to adding impervious cover. All drainage improvements shall begin at the outfall to ensure positive drainage throughout construction. The contractor shall maintain a safe, drivable surface free from potholes, rutting, and hazardous conditions throughout the project. <p>Erosion control:</p> <ol style="list-style-type: none"> The contractor shall develop and implement a Stormwater Pollution Prevention Plan (SW3P) and submit it to the city prior to construction. The SW3P shall include all disturbed areas by the construction, including borrow, storage, and storage areas. The SW3P with required inspection reports must be kept up to date and kept on the construction site at all times. The contractor shall prepare a Notice of Intent (NOI) and secure a permit from Texas Commission on Environmental Quality (TCEQ) for the SW3P. The contractor shall submit the SW3P and the site area with a copy of the NOI and the required construction site notice posted at the construction entrance in clear view of the public during the construction. For large construction sites, after the site is 70% or greater stabilized so that there is no further danger of erosion and sedimentation pollution from the site disturbed areas, the contractor must prepare and submit a Notice of Termination (NOT) to TCEQ. A copy of the NOI and not must be submitted to the city for each project. See TCEQ regulations for SW3P requirements. <p>Traffic:</p> <ol style="list-style-type: none"> The contractor shall be responsible for ensuring that all traffic control devices and barricades are properly installed and maintained in accordance with the plans, specifications, and Texas Manual on Uniform Traffic Control Devices (TMMUTCD). These devices are not traffic control devices, contractor shall submit a traffic control plan. In the event that the plan does not include traffic control, the contractor will witness to from traffic control included with the construction plans, the contractor shall submit a traffic control plan to the city for review and approval prior to construction. The city inspector and engineering representative will only be responsible to inspect the traffic control devices and barricades. If, in the opinion of the city inspector or engineering representative, the traffic control devices do not conform to established standards or are incorrectly placed or are insufficient in quantity to protect the general public, the city inspector shall have the option to stop construction 	
<p>operations at no expense to the city until such time as the conditions are corrected by the contractor.</p> <ol style="list-style-type: none"> The contractor shall notify the city immediately if there is any conflict between the TMMUTCD and the city's traffic control devices. If the need arises, the city inspector or engineering representative may require the relocation and additional traffic control devices and barricades at the contractor's expense. The contractor shall notify TxDOT, county, adjacent city, and private owner prior to working at their owned or maintained roadway and intersection. For all road closure requests, the contractor shall submit and obtain City approval of a traffic control plan and work schedule at least two (2) weeks prior to commencing work associated with the road closure. Temporary road closures shall be scheduled to minimize impacts to the school. Streets and access shall not be closed during the time students are being dropped off and picked up from school. Work within a school zone can only occur between the hours of 9 am and 3 pm as approved by the city. The contractor shall provide access for the delivery of mail by the U.S. Postal Service, and collection of bulk waste and recycling, whether public or private. The contractor shall always maintain access to all commercial and residential driveways. The contractor shall provide a 48-hour minimum notice to property owners and the city before any driveway access modification. During asphalt overlay, the contractor shall allow resident traffic access to the street with proper guidance, direction, flagger and traffic control and only at such time that damage will not occur to the new asphalt overlay or to the vehicles. The contractor shall keep all traffic devices, barricades, and reflective markings free from dust and debris. The contractor shall clean the devices monthly and at the direction of the city. <p>Utilities:</p> <ol style="list-style-type: none"> The existence and location of underground utilities indicated on the plans are taken from available records and are not guaranteed. The location and depth of existing utilities are approximate only and shall be investigated and verified by the contractor before starting work. The contractor shall be responsible for any damage to the utility or maintenance of the protection of the existing utilities whether shown or noted on the plans, including but not limited to existing water, sanitary sewer, gas, electric and telecommunication lines, and service. The contractor shall verify the location of all utilities three (3) weeks minimum in advance of all work activities. In the event of damage to underground facilities, whether shown or not on the plans, the contractor shall make necessary repairs to restore the facility back in service and at no cost to the city. Repairs shall conform to the requirements of the utility or agency servicing the facility. The contractor shall coordinate with and gain approval from the utility company owning the facility prior to relocation or adjustment as required for conformance to project alignment or grades. Adjustment of all existing manholes, that remain in service to project grades shall be the contractor's responsibility. 		<p>5. Occupational Safety and Health Administration (OSHA) regulations prohibit operations that will bring persons or equipment within an energized line. Where workers and/or equipment have to work close to an energized electrical line, the contractor shall notify the electrical power company involved and make whatever adjustments necessary to ensure the safety of those workers.</p> <p>6. Due to Federal Regulations, gas companies must always maintain access to gas valves. The contractor must protect and work around any gas valves that are in the project area.</p> <p>7. The contractor will abide by all applicable federal, state, and local laws governing excavation. The contractor and the contractor's independently retained engineer or safety consultant shall implement a safety program in accordance with OSHA standards governing the presence and activities of individuals working in and around the excavation.</p> <p>8. All utility trench fill material shall be placed in uniform layers not to exceed 1 in. loose outside of pavement and 6 in. loose under pavement. Determine the maximum lift thickness based on the ability of the compacting equipment to adequately meet the required density. Each layer of material shall be compacted to 95% density. 2% compaction moisture as determined by test methods TEX-113-E, TEX-114-E, TEX-115-E. Density tests shall be taken at a minimum of 100 linear feet intervals for each lift as determined by the city inspector.</p> <p>9. The contractor shall notify the city inspector 48 hours prior to the backfill of any utility trenches to schedule density tests as required.</p> <p>Tree protection:</p> <ol style="list-style-type: none"> The contractor shall protect all trees within the project limits and trees outside the project limits that the project may affect. No tree protection excavation work shall begin in areas where tree preservation and treatment measures have not been completed and approved. Tree protection fencing shall be required, and tree protection fencing shall be installed, maintained, and repaired by the contractor during site construction. Exposed roots shall be covered at the end of the day using techniques such as covering with soil, mulch or a root protection zone will be established around each tree or any vegetation to be preserved. A root protection zone shall be an area defined by the radius extending outward from the tree trunk a distance of 1 ft per diameter of the tree at breast height of 4.5 ft. As an example, a 10 in diameter tree would have a 10 ft radius root protection zone around the tree. No equipment, vehicles or materials shall operate or be stored within the root protection zone of any tree near the project. No clean-out areas shall be constructed so that the material will be in direct contact with the root protection zone. Roots or branches in conflict with the construction shall be cut cleanly according to TxDOT Roadside Vegetation Maintenance Manual. All oak wounds shall be painted within 30 minutes to prevent oak wilt. 7. Trees shall be maintained in good health throughout the construction process. Maintenance may include watering the root protection zone and or washing foliage. 8. No wires, nails or other materials may be attached to the protected trees. 9. Trees, which are damaged or lost due to the contractor's negligence during construction, shall be mitigated to the city's satisfaction. <p>Groundwater:</p> <ol style="list-style-type: none"> The contractor shall furnish and install all regulatory and warning signs, street name signs, and sign mounts in accordance with the construction plans. The contractor shall install all pavement markings in accordance with the construction plans. The contractor shall notify the city inspector at least 48 hours before the installation of all seal and final marks. 15. When all of the improvements are found to be constructed and completed in accordance with the approved plans and specifications, and upon receipt of one set of "Record Drawing" plans, and a digital copy of all plans (PDF copy) the city shall accept such improvements subject to the guaranty of material and workmanship provisions required by city code. <p>Additional Notes:</p> <ol style="list-style-type: none"> Contractor shall keep all nuisance grasses, weeds, debris, trash and rubbish clear and clean throughout the duration of the contracted project timeline within the entire workzone and/or any disturbed area's. 1. All temporary driveways shall be constructed with 2" of road base, gravel, HMAC or other approved all-weather material. Temporary driveways shall be rolled and/or compacted to prevent rutting. Contractor shall maintain all temporary driveways until the final driveway material is placed and accepted. 6. Stabilized construction area shall be constructed of 3 in x 5 in rock to be placed a minimum length of 25 ft and maintained so that construction debris does not fall within the city right-of-way. Right-of-way must be cleared from mud, rocks, etc. at all times. 7. The engineer of record is responsible for the erosion and stormwater control design to mitigate off-site impacts in all phases of the project. The contractor shall be responsible for installing improvements sufficient to mitigate the impact of drainage and stormwater runoff during construction. 9. The elevation of the lowest floor shall be at least 10 in above the finished grade of the surrounding ground, which shall be sloped in a fashion so as to direct stormwater away from the structure. Properties adjacent to stormwater conveyance structures must have floor slab elevation or floor joists a minimum of one (1) foot above the 100-year water flow elevation. The structure shall be sloped toward the side of the street that shall have a properly set cross-slope preventing runoff from entering the garage. 10. Proctors shall be sampled from on-site material (on-site is defined as limits of construction for the construction plans). The City inspector shall be present for material sampling and a copy of the proctor result shall be delivered to the city inspector prior to any density tests. 11. The contractor shall ensure that sidewalks, curb ramps, and driveways are built in accordance with Americans with Disabilities Act (ADA) standards. 12. No valves and hydrants shall be constructed within sidewalks, curbs, curb ramps, and driveways. 	
<p>1. It shall be the responsibility of the contractor to immediately notify the city if the presence of groundwater within the site is evident. Upon notification, the project engineer shall respond with plan revisions for the mitigation of the groundwater issue. The city shall respond within two (2) business days upon receipt of the mitigation plan. All construction activity impacted by the discovery of groundwater shall be suspended until the city grants written approval for the groundwater mitigation plan.</p> <p>Development:</p> <ol style="list-style-type: none"> The engineer of record is responsible for the adequacy of the construction plans and meeting all planning and zoning requirements of applicable federal, state, and local statutes, codes, regulations, rules, ordinances, or standards for the project. The contractor shall contact the City of New Braunfels to schedule a preconstruction meeting before construction. For public infrastructure or grading permits: <ol style="list-style-type: none"> The contractor shall coordinate material testing and inspections with the project engineer before 12 PM and a minimum of 48 hours before the requested inspection as outlined in the pre-construction meeting. Each inspection request is allotted one (1) hour unless additional time is requested. 4. For commercial permits: <ol style="list-style-type: none"> The contractor shall coordinate inspection requests with the Building Department as outlined by the approved permit. Each inspection request is allotted one (1) hour unless additional time is requested. 5. Approval of the construction plans and associated permits is valid if construction has not started in the work zone or on the property within 12 months of the date of the plans. 6. Stabilized construction area shall be constructed of 3 in x 5 in rock to be placed a minimum length of 25 ft and maintained so that construction debris does not fall within the city right-of-way. Right-of-way must be cleared from mud, rocks, etc. at all times. 7. The engineer of record is responsible for the erosion and stormwater control design to mitigate off-site impacts in all phases of the project. The contractor shall be responsible for installing improvements sufficient to mitigate the impact of drainage and stormwater runoff during construction. 9. The elevation of the lowest floor shall be at least 10 in above the finished grade of the surrounding ground, which shall be sloped in a fashion so as to direct stormwater away from the structure. Properties adjacent to stormwater conveyance structures must have floor slab elevation or floor joists a minimum of one (1) foot above the 100-year water flow elevation. 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The contractor shall notify the city inspector at least 48 hours before the installation of all seal and final marks.</p> <p>15. When all of the improvements are found to be constructed and completed in accordance with the approved plans and specifications, and upon receipt of one set of "Record Drawing" plans, and a digital copy of all plans (PDF copy) the city shall accept such improvements subject to the guaranty of material and workmanship provisions required by city code.</p> <p>Note Modification:</p> <ol style="list-style-type: none"> If needed <p>1. If needed</p> <p>1. All temporary driveways shall be constructed with 2" of road base, gravel, HMAC or other approved all-weather material. Temporary driveways shall be rolled and/or compacted to prevent rutting. Contractor shall maintain all temporary driveways until the final driveway material is placed and accepted.</p> <p>1. If needed</p> <p>1. 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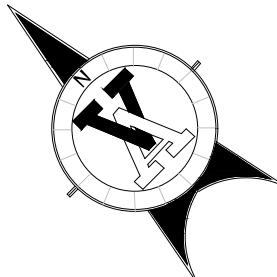


PARCEL LINE TABLE		
Line #	Length	
L3	43.03	N45°05'23"E
L4	54.99	N44°40'45"W
L5	108.00	N44°40'45"W
L7	107.40	N31°32'20"W
L8	6.70	N44°14'36"W
L15	40.00	N45°40'40"W
L17	20.00	S45°36'37"E
L21	81.06	N73°49'39"E
L25	100.88	S34°16'15"E
L26	67.44	S18°54'20"E
L27	31.62	N04°23'40"E
L28	83.92	S43°42'20"W
L33	57.32	S12°03'44"W
L34	15.24	S45°04'44"E

CURVE TABLE						
CURVE	DELTA	RADIUS	LENGTH	TANGENT	CHORD BEARING	CHORD
C1	18°00'00"	795.00'	249.76'	125.92'	S1°15'36"E	248.73'
C2	16°45'55"	755.00'	220.92'	111.25'	N1°52'38"W	220.13'
C3	9°29'07"	355.04'	58.78'	29.46'	S1°48'35"E	58.71'

CONTROL TABLE				
Point #	Elevation	Northing	Easting	Description
1	673.76	13,820,959.11	2,262,809.20	1/2" IRON ROD W/CAP "VA CNTRL"
2	673.36	13,819,567.08	2,262,782.33	1/2" IRON ROD W/CAP "VA CNTRL"
3	677.02	13,820,887.91	2,263,958.66	1/2" IRON ROD W/CAP "VA CNTRL"
4	679.77	13,820,902.79	2,262,625.80	1/2" IRON ROD W/CAP "VA CNTRL"
5	678.58	13,820,941.04	2,263,923.19	1/2" IRON ROD W/CAP "VA CNTRL"

Bid Item Description	Units	Total Qty.	Sheet							
			C9	C10	C11	C12	C13	C14	C15	
110-6002	Site grubing	STA	63	9	10	10	10	12	7	5
110-6001	Excavation	CY	3,396	613	457	555	493	462	630	187
531-6002	Proposed concrete trail 5" thick	SY	7,014	1034	1111	1111	1111	1323	780	544
260-6079	6" Flexbase	SY	7,014	1034	1111	1111	1111	1323	780	544
420-6043	Trail Toe Downs	CY	182			91		91		
529-6002	Conc Curb (TY II)	LF	56			28		28		
666-6342	Pavement markings	LF	6,313	931	1000	1000	1000	1191	702	489
160-6003	Fine grading	SY	5,094	751	807	807	807	961	566	395
462-6003	Conc Box Culv (4 FT X 2 FT)	LF	195			98		98		
104-6015	Remove Conc Sidewalk	SY	80						80	
550-6003	Demolish wire existing fence	LF	1099	323	310	466				
132-6003	Embankment	CY	268	5	30	35	3	166	3	25
1010-6003	Stamp Flagstone Conc Paving	SF	1709	377	334	241	276	307	175	
1002-6026	Rest area limestone boulder seats	EA	8	2		2	4			
1002-6025	Dog Waste Station	EA	3		1			1	1	
1002-6025	Trash-recycle receptacles	EA	3		1			1	1	
	Signage Package	LS	1							
	SW3P	LS	1							
	Tree Protection and Removal	LS	1							



SCALE:
1" = 100'

KICKREY & ASSOCIATES, LLC
CONSULTING ENGINEERS

The logo for the City of New Braunfels is located in the bottom left corner. It consists of a black rectangular box containing a white silhouette of a tree with a circular canopy and a trunk that splits into two branches. To the right of the logo, the text "City of" is written in a small, black, sans-serif font, and "New Braunfels" is written in a larger, bold, black, sans-serif font.

TRAIL OVERALL LAYOUT AND CONTROL PLAN ALLIGATOR CREEK TRAIL

DATE: Mar. 2024

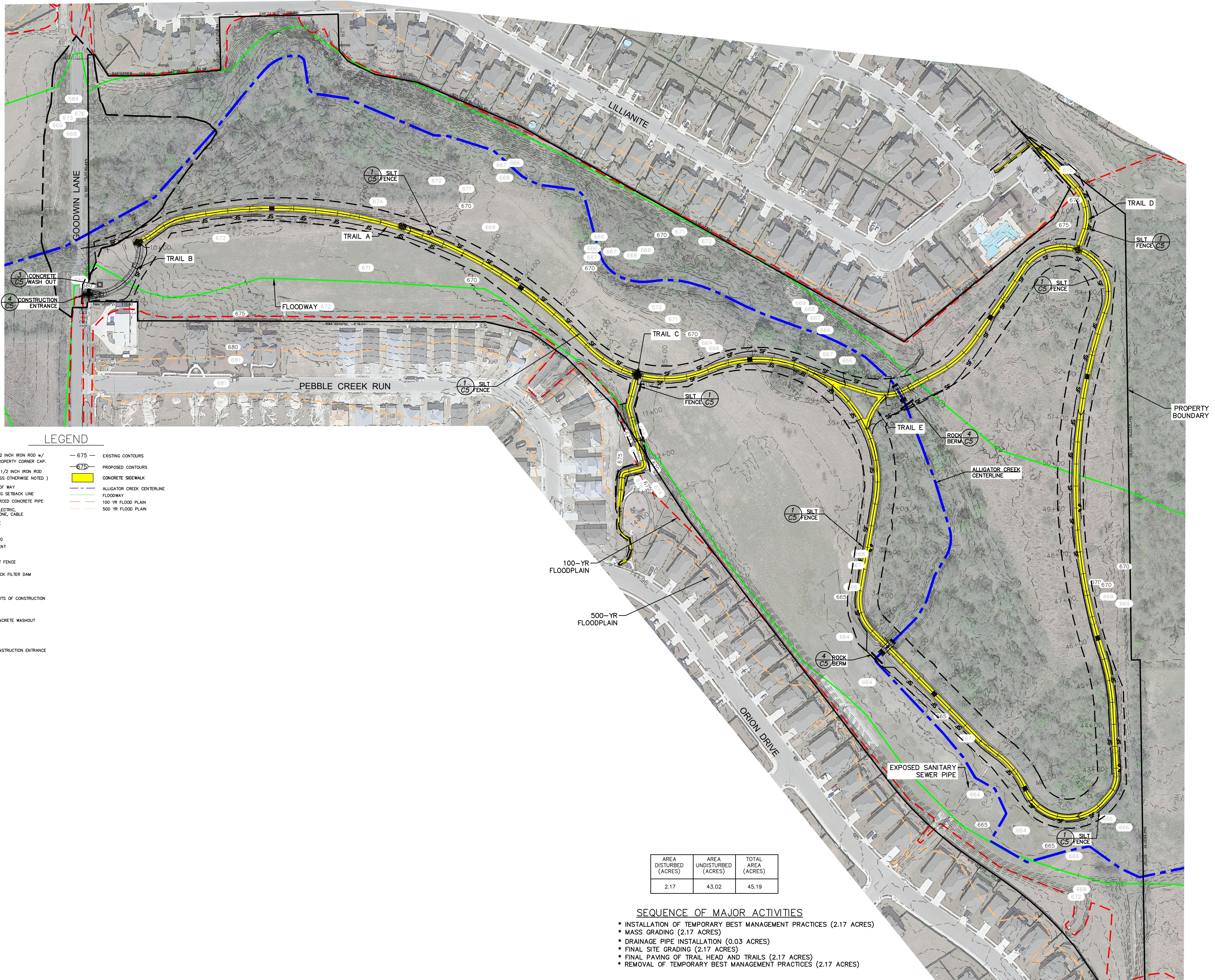
Vertical Scale 1" =
Horizontal Scale 1" = 100'

0 50' 100' 150'

SHEET

C3

PROJ NO. 3032.002



SCALE: 1"=100'

CKREY & ASSOCIATES, LLC
CONSULTING ENGINEERS

**KREY & ASSOCIATES,
CONSULTING ENGINEER**

The logo for the City of New Braunfels is oriented vertically. It features a black rectangular box at the bottom containing a white, textured graphic of a landscape with trees and water. Above this graphic, the words "City of" are written in a black, sans-serif font. To the right of the graphic, the word "New" is written in a large, bold, black, sans-serif font. Above "New", the word "Braunfels" is written in a large, bold, black, sans-serif font. A thick black curved line starts from the top right corner of the logo and sweeps down towards the bottom right corner, partially enclosing the text "New Braunfels".

IFORMWATER POLLUTION PREVENTION PLAN

ALLIGATOR CREEK TRAIL

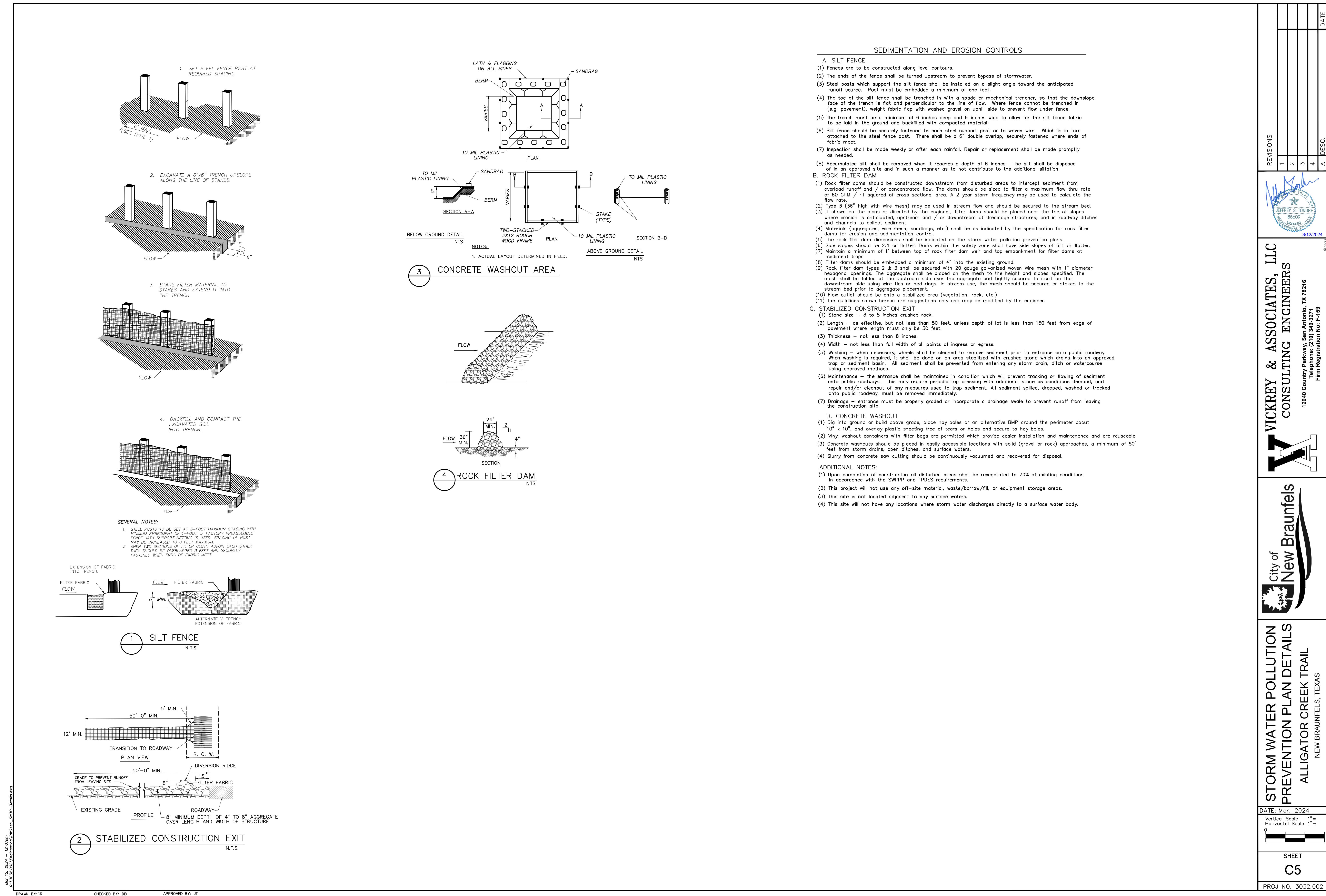
DATE: Mar. 2024
Vertical Scale 1":
Horizontal Scale 1":
0 50' 100'

SHEET
C4

PROJ NO. 3032(0)

PROJ NO. 3032.0

PROJ NO. 3032.0



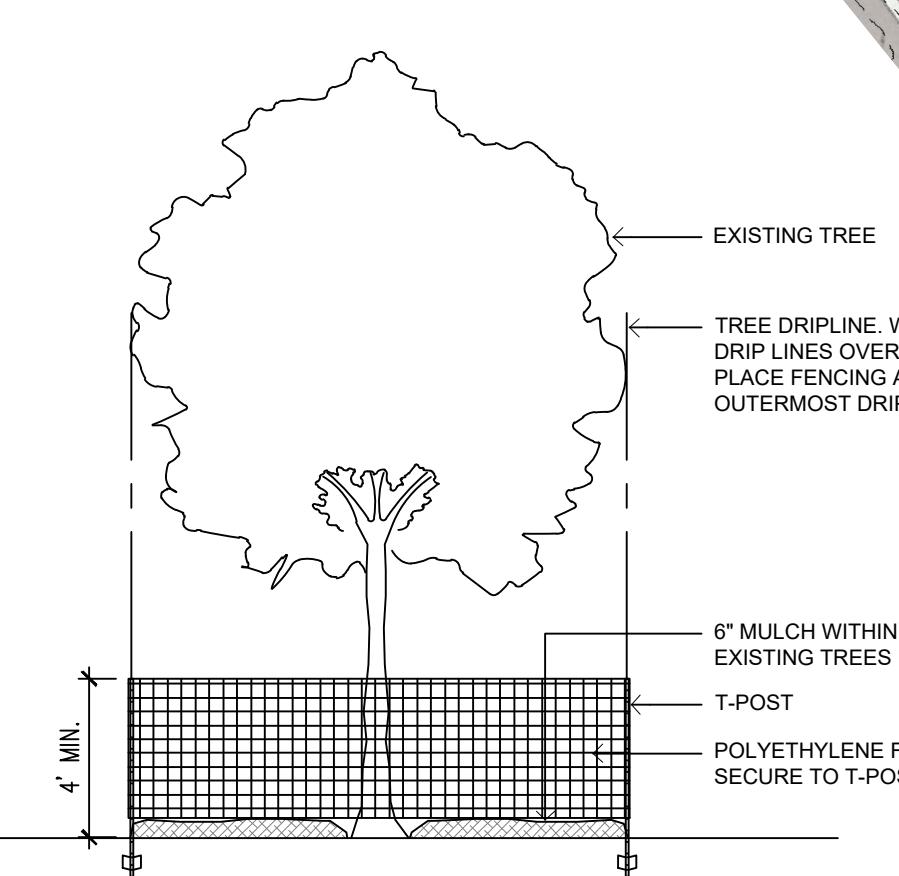


TREE PRESERVATION

POINT #	TRUNK SIZE (IN)	SPECIES	SPREAD (FT)
1358	10-9	MESQUITE	30
1361	15	ELM	40
1396	16	ELM	40
1397	14	ELM	50
1399	17	ELM	50
1400	16	ELM	45
1401	13	ELM	35
1402	13	ELM	35
1408	15	ELM	40
1409	18-13	MESQUITE	40
1431	15	ELM	40
1432	11	HACKBERRY	20
1441	11	ELM	30
1460	9	ELM	20
1462	10	ELM	30
1463	8	ELM	20
1478	9	ELM	20
1510	15	ELM	45
1550	12-9	OAK	40
1551	34	OAK	45
1552	23-17	OAK	50
1553	11	ELM	35
1554	9	ELM	30
1555	17	ELM	35
1556	17	ELM	40
1557	20	ELM	50
1558	35	OAK	60
1559	17	ELM	50
1560	11	ELM	25
1561	14	ELM	30
1562	13	ELM	35
1563	15	OAK	35
1564	14	OAK	25
1565	13	OAK	20
1566	14	OAK	20
1567	12	OAK	20
1568	9	OAK	25
1569	9	ELM	20
1570	10	ELM	25
1571	15	OAK	15
1572	17	ELM	45
1573	23-19-17	OAK	50
1574	17	ELM	40
1575	14	ELM	20
1576	10	ELM	25

TREE REMOVAL TABLE

POINT #	TRUNK SIZE (IN)	SPECIES	SPREAD (FT)
1355	17	ELM	45
1383	9-10	ELM	50
1433	9	ELM	20
1434	14	ELM	20
1435	12	HACKBERRY	35
1436	10	ELM	30
1442	11	ELM	30
1450	9-10	ELM	40
1460	9	ELM	20
1464	8	ELM	20
1476	14-18	MESQUITE	30
1477	9	ELM	20
1479	8	ELM	20
1480	9	HACKBERRY	25
1481	20	MESQUITE	25
1482	9	ELM	20
1498	23	ELM	60
2099	8-7-6-5-3	HUISACHE	25
2443	8	ANQ	20



SCALE: 1"=100'

LEGEND

●	SET 1/2 INCH IRON ROD w/ V/A PROPERTY CORNER CAP.	— 675 — EXISTING CONTOURS
○	FOUND 1/2 INCH IRON ROD (UNLESS OTHERWISE NOTED)	— 675 — PROPOSED CONTOURS
		CONCRETE SIDEWALK
		ALLIGATOR CREEK CENTERLINE
		FLOODWAY
		100 YR FLOOD PLAN
		500 YR FLOOD PLAN
		TREE PRESERVATION FENCE
		EX. EASEMENT FENCE
		EXISTING TREE
		DEMOLISHED TREE

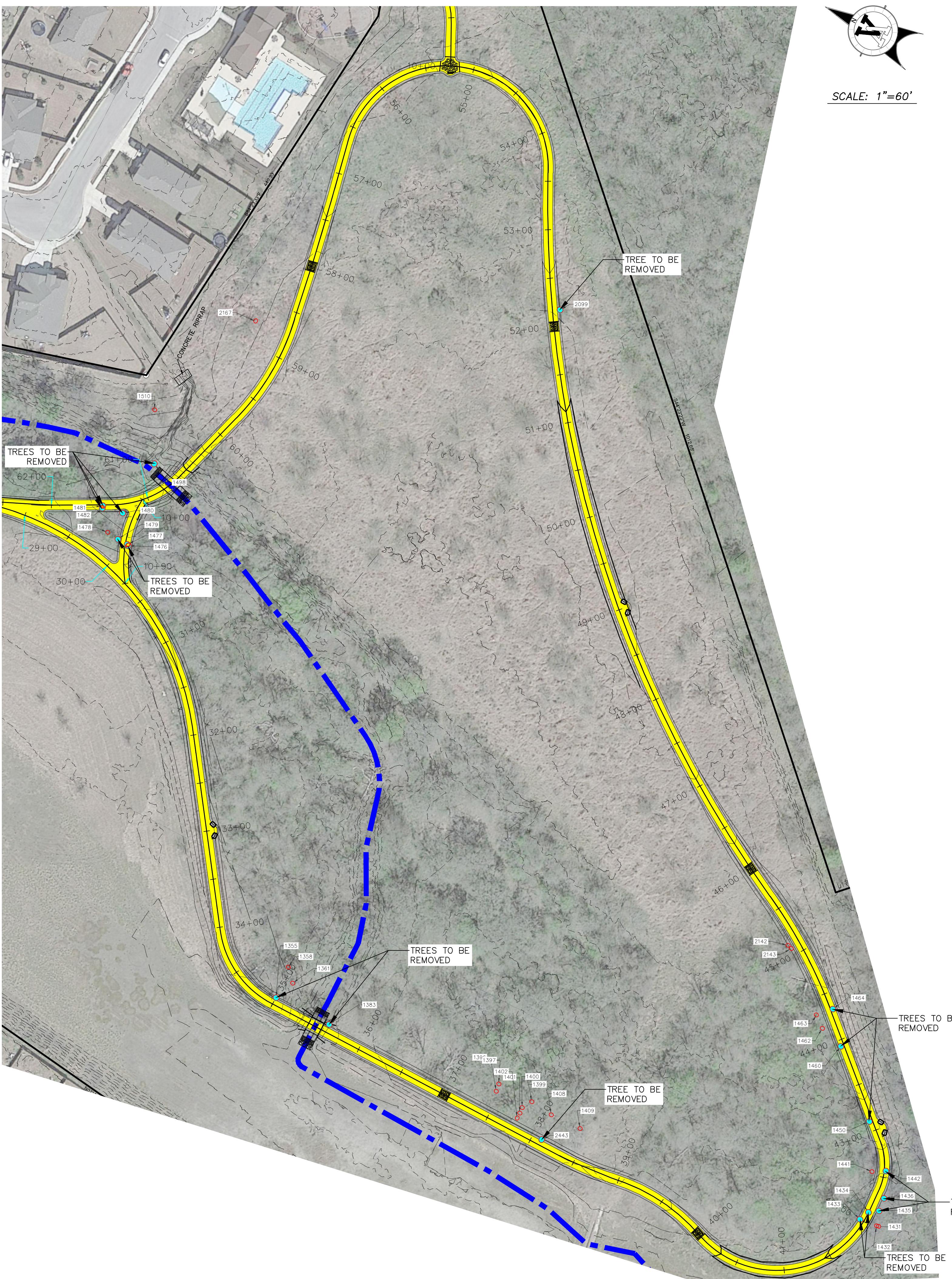
REVISIONS
1 2 3 4
DATE
3/12/2024
JEFFREY S. TONDRE
85609
LICENSED PROFESSIONAL ENGINEER
©2024

VICKREY & ASSOCIATES, LLC
CONSULTING ENGINEERS
12340 County Parkway, San Antonio, TX 78221
Telephone (210) 446-3271
Firm Registration No. F-159

City of
New Braunfels
©2024

TREE PRESERVATION PLAN
ALLIGATOR CREEK TRAIL
NEW BRAUNFELS, TEXAS
DATE: Mar. 2024
Vertical Scale 1"=100'
Horizontal Scale 1"=100'
0 50' 100' 150'

SHEET
C6
PROJ. NO. 3032.002



SCALE: 1"=60'

TREE REMOVAL TABLE			
POINT #	TRUNK SIZE (IN)	SPECIES	SPREAD (FT)
1355	17	ELM	45
1383	9-10	ELM	50
1433	9	ELM	20
1434	14	ELM	20
1435	12	HACKBERRY	35
1436	10	ELM	30
1442	11	ELM	30
1450	9-10	ELM	40
1460	9	ELM	20
1464	8	ELM	20
1476	14-18	MESQUITE	30
1477	9	ELM	20
1479	8	ELM	20
1480	9	HACKBERRY	25
1481	20	MESQUITE	25
1482	9	ELM	20
1498	23	ELM	60
2099	8-7-6-6-5-3	HUISACHE	25
2443	8	ANQ	20

TREE PRESERVATION			
POINT #	TRUNK SIZE (IN)	SPECIES	SPREAD (FT)
1358	10-9	MESQUITE	30
1361	15	ELM	40
1396	16	ELM	40
1397	14	ELM	50
1399	17	ELM	50
1400	16	ELM	45
1401	13	ELM	35
1402	13	ELM	35
1408	15	ELM	40
1409	18-13	MESQUITE	40
1431	15	ELM	40
1432	11	HACKBERRY	20
1441	11	ELM	30
1460	9	ELM	20
1462	10	ELM	30
1463	8	ELM	20
1478	9	ELM	20
1510	15	ELM	45
1550	12-9	OAK	40
1551	34	OAK	45
1552	23-17	OAK	50
1553	11	ELM	35
1554	9	ELM	30
1555	17	ELM	35
1556	17	ELM	40
1557	20	ELM	50
1558	35	OAK	60
1559	17	ELM	50
1560	11	ELM	25
1561	14	ELM	30
1562	13	ELM	35
1563	15	OAK	35
1564	14	OAK	25
1565	13	OAK	20
1566	14	OAK	20
1567	12	OAK	20
1568	9	OAK	25
1569	9	ELM	20
1570	10	ELM	25
1571	15	OAK	15
1572	17	ELM	45
1573	23-19-17	OAK	50
1574	17	ELM	40
1575	14	ELM	20
1576	10	ELM	25

●	SET 1/2 INCH IRON ROD w/ V/A PROPERTY CORNER CAP.	— 675 —	EXISTING CONTOURS
○	FOUND 1/2 INCH IRON ROD (UNLESS OTHERWISE NOTED)	— 675 —	PROPOSED CONTOURS
R.O.W.	RIGHT OF WAY		CONCRETE SIDEWALK
BSL	BUILDING SETBACK LINE		ALLIGATOR CREEK CENTERLINE
RCP	REINFORCED CONCRETE PIPE		FLOODWAY
GETCA	GAS, ELECTRIC, TELEPHONE, CABLE		100 YR FLOOD PLAIN
VOL.	VOLUME		500 YR FLOOD PLAIN
PG.	PAGE		EXISTING TREE
EX.	EXISTING		DEMOLISHED TREE
ESM'T	EASEMENT		
	FENCE		

The logo for the City of New Braunfels. It features the text "City of New Braunfels" in a serif font, with "New Braunfels" in a larger size. A thick, black, flowing line starts from the letter "S" and sweeps down and to the right, ending with a small loop. Below the text is a black rectangular graphic containing a stylized white tree and foliage.

ALLIGATOR CREEK TRAIL NEW BRAUNFELS, TEXAS

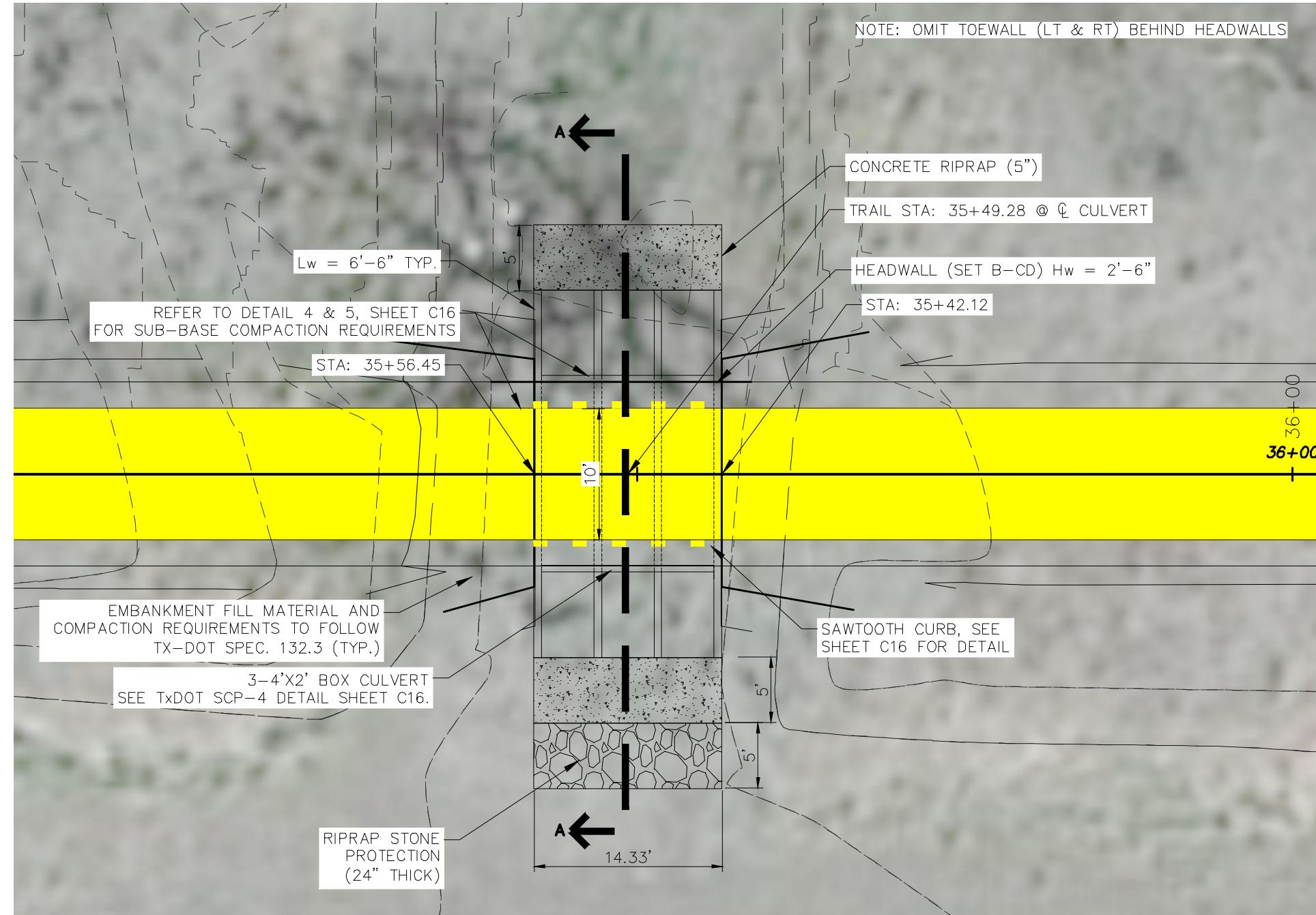
TREE REMOVAL PLAN

DATE: Mar. 2024
Vertical Scale 1" =
Horizontal Scale 1" = 60'
30 60 90

SHEET

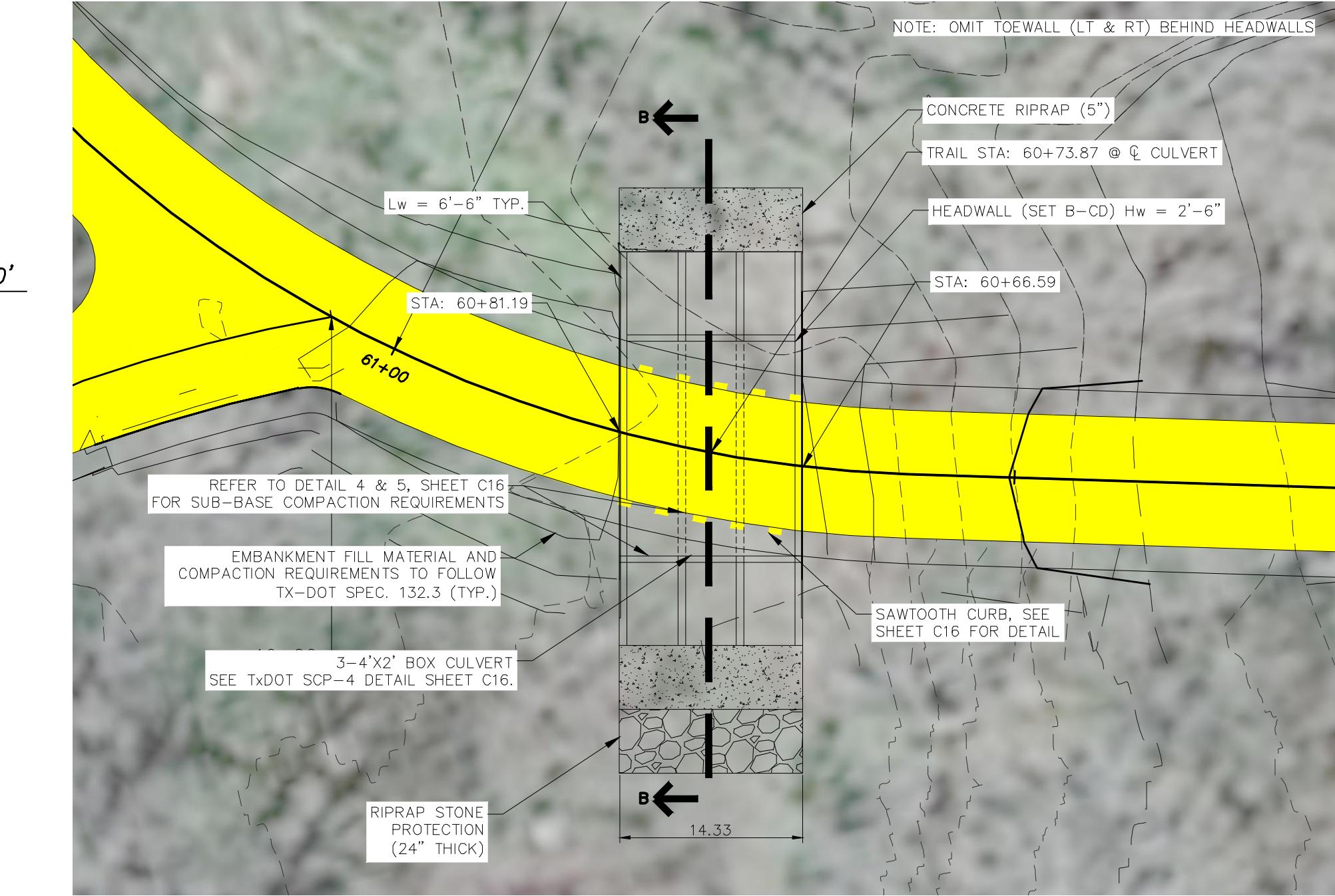
C7

PROJ. NO. 3032 002



STREAM CROSSING #1
STA: 35+49.28

SCALE: 1"=10'



STREAM CROSSING #2
STA: 60+73.93

5" CONCRETE PAVED SURFACE

TRAIL A Q
ELEV: 669.56'

TOP WALL ELEV= 668.14'

VARIABLES

16.75'

±10'

VARIABLES

4" SAWTOOTH CURB
(SEE SHEET C16 FOR DETAIL)

TOP WALL ELEV= 668.14'

3-4'X2' BOX CULVERT
SEE TxDOT SCP-4 DETAIL
SHEET C16.

INV=665.28' (OUT)

RIPRAP STONE PROTECTION
(12"-18" BOULDERS @ 2'
THICK) SEE PLAN FOR L

GRADE TO D

24" TOEDOWN

6" COMPACTED SUB-BASE (95% COMPACTION)
(FLEX BASE OR APPROVED EQUAL)

6"

7.5"

4'

6"

SL=2.26%

1%

1%

3:1

3:1

5'

8"

6"

5'

12"

5'

3:1

24"

36"

24"

12"

5'

INV=665.98' (IN)

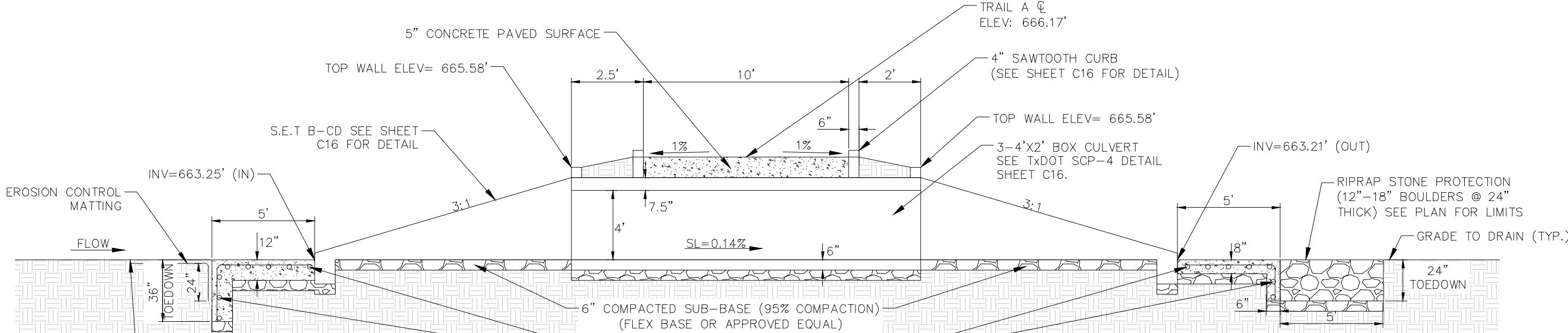
EROSION CONTROL
MATTING

FLOW

0 DRAIN (TYP.)

S.E.T B-CD SEE SHEET
C16 FOR DETAIL

STREAM CROSSING #2 CROSS
SECTIONAL DETAIL B-B



—#4 BARS @ 12" O.C.—

STREAM CROSSING #1 CROSS
SECTIONAL DETAIL A-A

REVISIONS				DATE
1	2	3	4	
✓				

Jeffrey S. Tondre



3/12/2024

REY & ASSOCIATES, LLC
CONSULTING ENGINEERS

40 Country Parkway, San Antonio, TX 78216
 Telephone: (210) 349-3271
 Firm Registration No: F-159

REY & ASSOCIATES, LLC
CONSULTING ENGINEERS

TRAIL CULVERT DETAILS

ALLIGATOR CREEK TRAIL

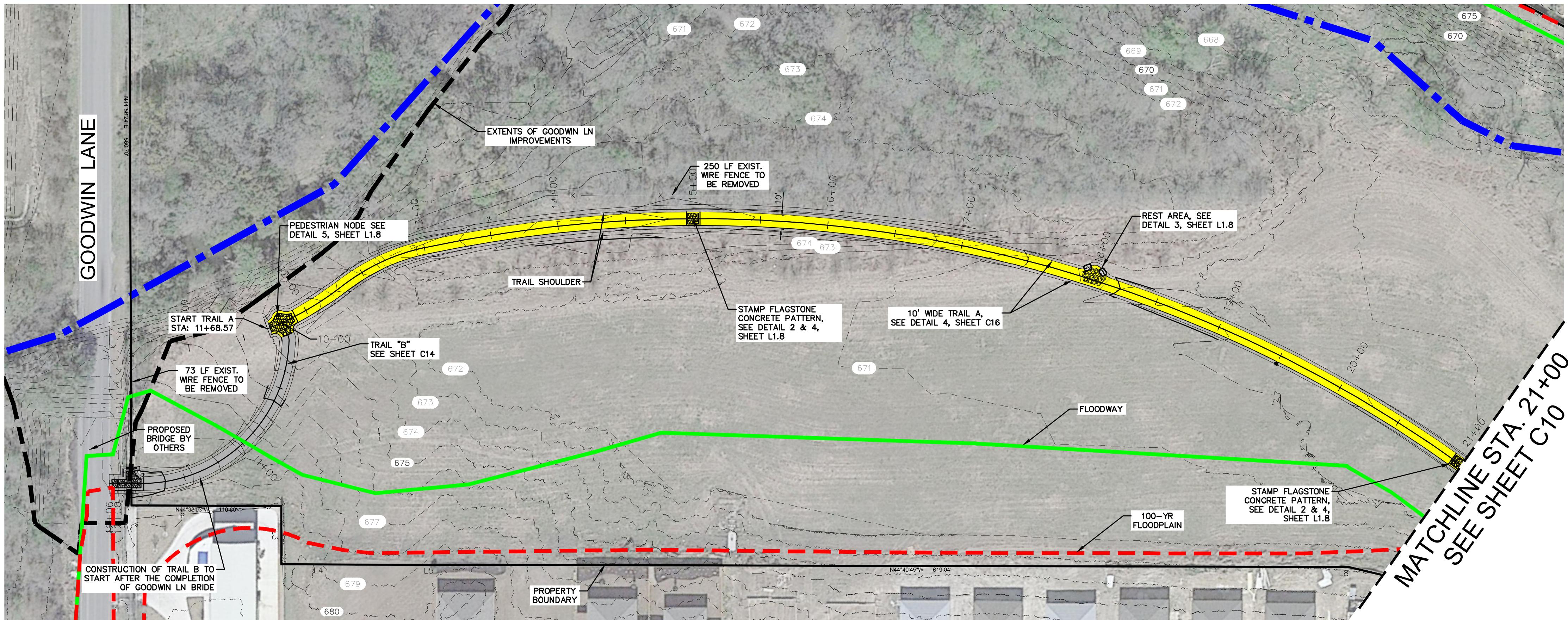
NEW BRAUNFELS, TEXAS

DATE: Mar. 2024
Vertical Scale 1"=N/10'
Horizontal Scale 1"=10'
5' 10' 15'

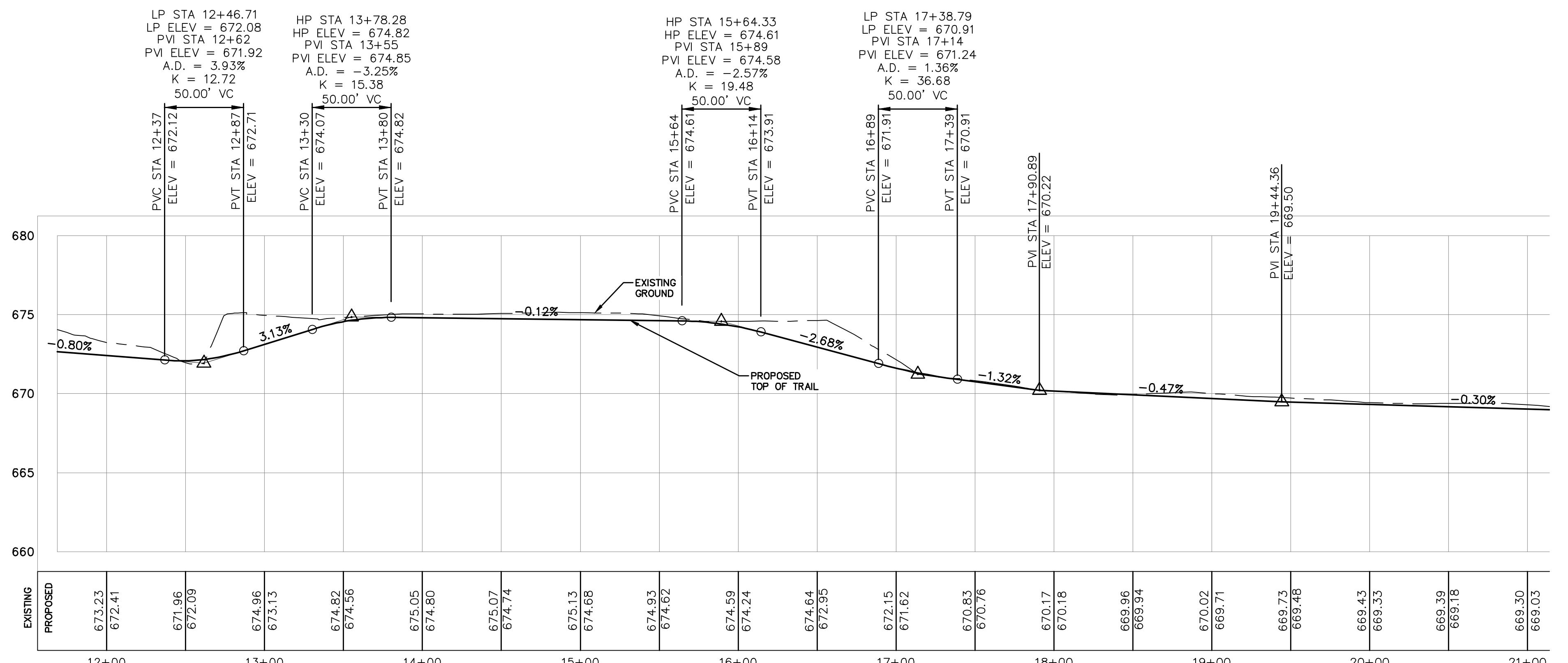
SHEET

C8

PROJ NO. 3032.002



TRAIL A



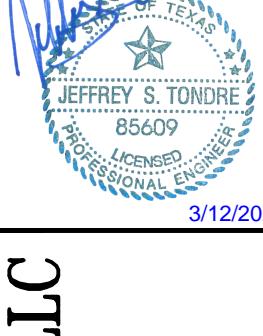
TRAIL A PROFILE

SCALE: 1"=50'

LEGEND

●	SET 1/2 INCH IRON ROD w/ V/A PROPERTY CORNER CAP.	— 675 —	EXISTING CONTOURS
○	FOUND 1/2 INCH IRON ROD (UNLESS OTHERWISE NOTED)	— 675 —	PROPOSED CONTOURS
R.O.W.	RIGHT OF WAY		CONCRETE SIDEWALK
BSL	BUILDING SETBACK LINE		ALLIGATOR CREEK CENTERLINE
RCP	REINFORCED CONCRETE PIPE		FLOODWAY
GETCA	GAS, ELECTRIC, TELEPHONE, CABLE		100 YR FLOOD PLAIN
VOL.	VOLUME		500 YR FLOOD PLAIN
PG.	PAGE		
EX.	EXISTING		
ESM'T	EASEMENT		
—□—	FENCE		

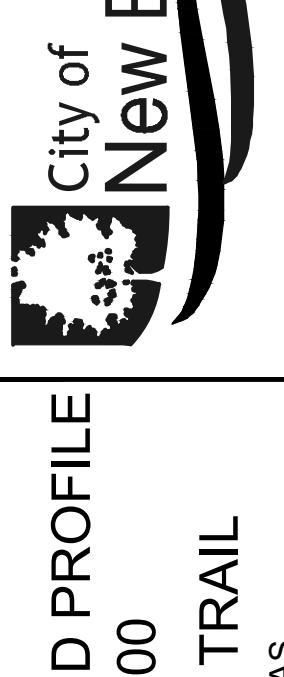
REVISIONS

1	
2	
3	
4	
△	3/12/2024

VICKREY & ASSOCIATES, LLC
CONSULTING ENGINEERS

12940 Country Parkway, San Antonio, TX 78216
Telephone: (210) 349-3271
Firm Registration No: F-159

ALLIGATOR CREEK TRAIL
NEW BRAUNFELS, TEXAS

W 

HORIZONTAL ALIGNMENT REPORT

ALIGNMENT NAME: ALIGN TRAIL A CL
STATION RANGE: START: 10+00.00, END: 21+00.00

BEGIN ALIGN TRAIL A CL
N 13,822,323.7470 E 2,262,226.1973 10+00.00

LINE (1)
S50°36'06"E 108.795'
N 13,822,254.6941 E 2,262,310.2690 11+08.80

LINE (1)

CURVE (2)
BC N 13,822,254.6941 E 2,262,310.2690 11+08.80
CTR N 13,822,423.8621 E 2,262,449.2163
PI N 13,822,214.4666 E 2,262,359.2458

DIRECTION BACK S50°36'06"E
RADIUS 218.916'
DELTA 32°17'35"(LT)
LENGTH 123.386'
TANGENT 63.380'
CHORD DIRECTION S66°44'54"E DISTANCE 121.759'
DIRECTION AHEAD S82°53'42"E

EC N 13,822,206.6273 E 2,262,422.1388 12+32.18

CURVE (2)

REVERSING CURVE

CURVE (3)
BC N 13,822,206.6273 E 2,262,422.1388 12+32.18
CTR N 13,822,057.7791 E 2,262,403.5854
PI N 13,822,202.3515 E 2,262,456.4422

DIRECTION BACK S82°53'42"E
RADIUS 150.000'
DELTA 25°57'20"(RT)
LENGTH 67.951'
TANGENT 34.569'
CHORD DIRECTION S69°55'02"E DISTANCE 67.372'
DIRECTION AHEAD S56°56'22"E

EC N 13,822,183.4932 E 2,262,485.4142 13+00.13

CURVE (3)

COMPOUND CURVE

CURVE (4)
BC N 13,822,183.4932 E 2,262,485.4142 13+00.13
CTR N 13,821,375.7795 E 2,261,959.6637
PI N 13,821,896.1866 E 2,262,926.8051

DIRECTION BACK S56°56'22"E
RADIUS 963.751'
DELTA 57°18'38"(RT)
LENGTH 963.998'
TANGENT 526.660'
CHORD DIRECTION S28°17'03"E DISTANCE 924.311'
DIRECTION AHEAD S0°22'16"W

EC N 13,821,369.5374 E 2,262,923.3940 22+64.13

CURVE (4)

N 13,820,935.5885 E 2,263,236.7159 62+91.10

END ALIGN TRAIL A CL

**AATHA PLAN AND PROFILE
STA 11+68-21+00
GATOR CREEK TRAIL
NEW BRAUNFELS, TEXAS**

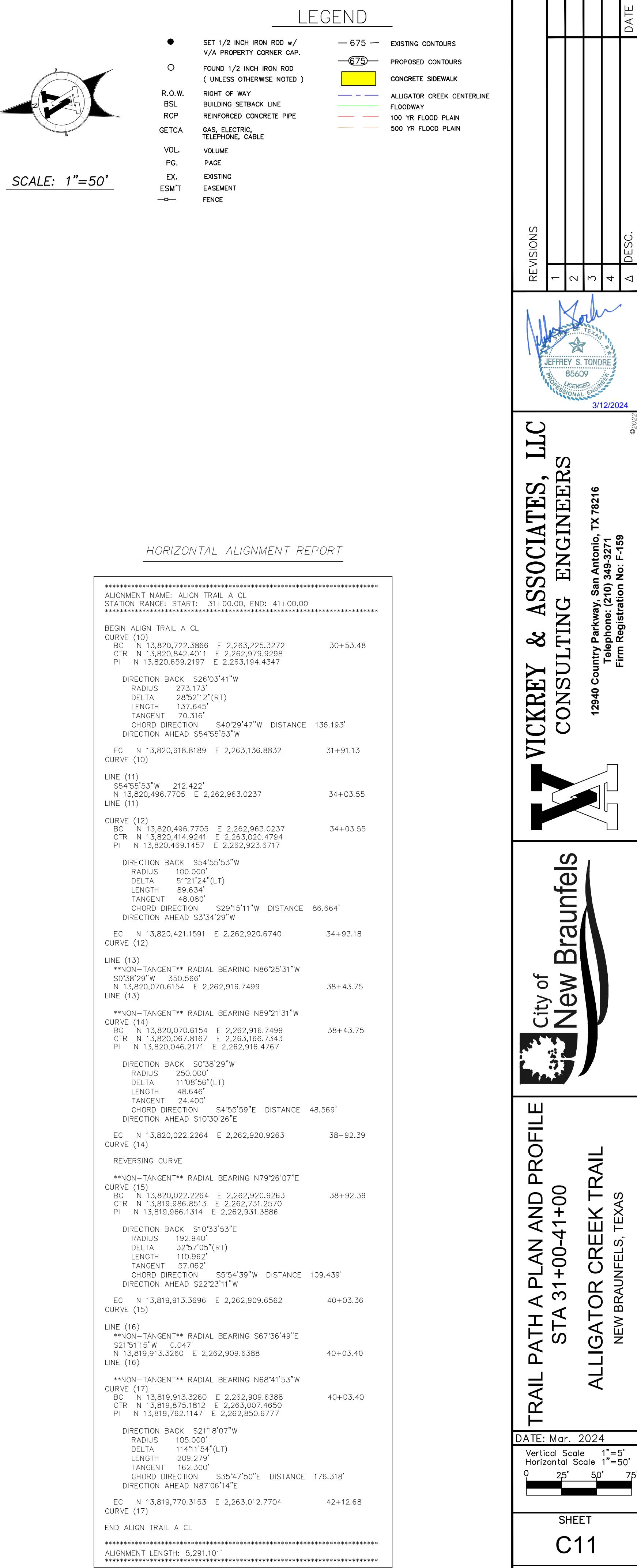
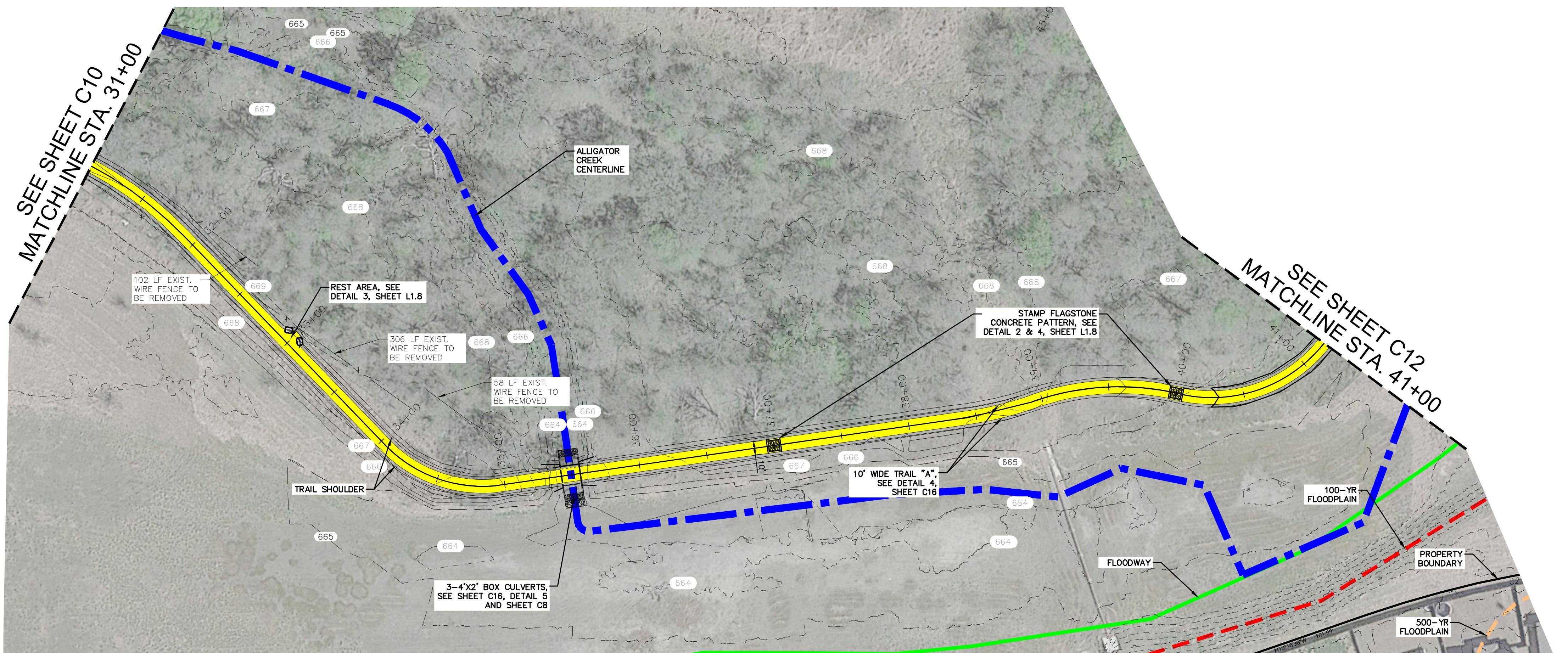
ICKREY & ASSOCIATES, LLC
CONSULTING ENGINEERS

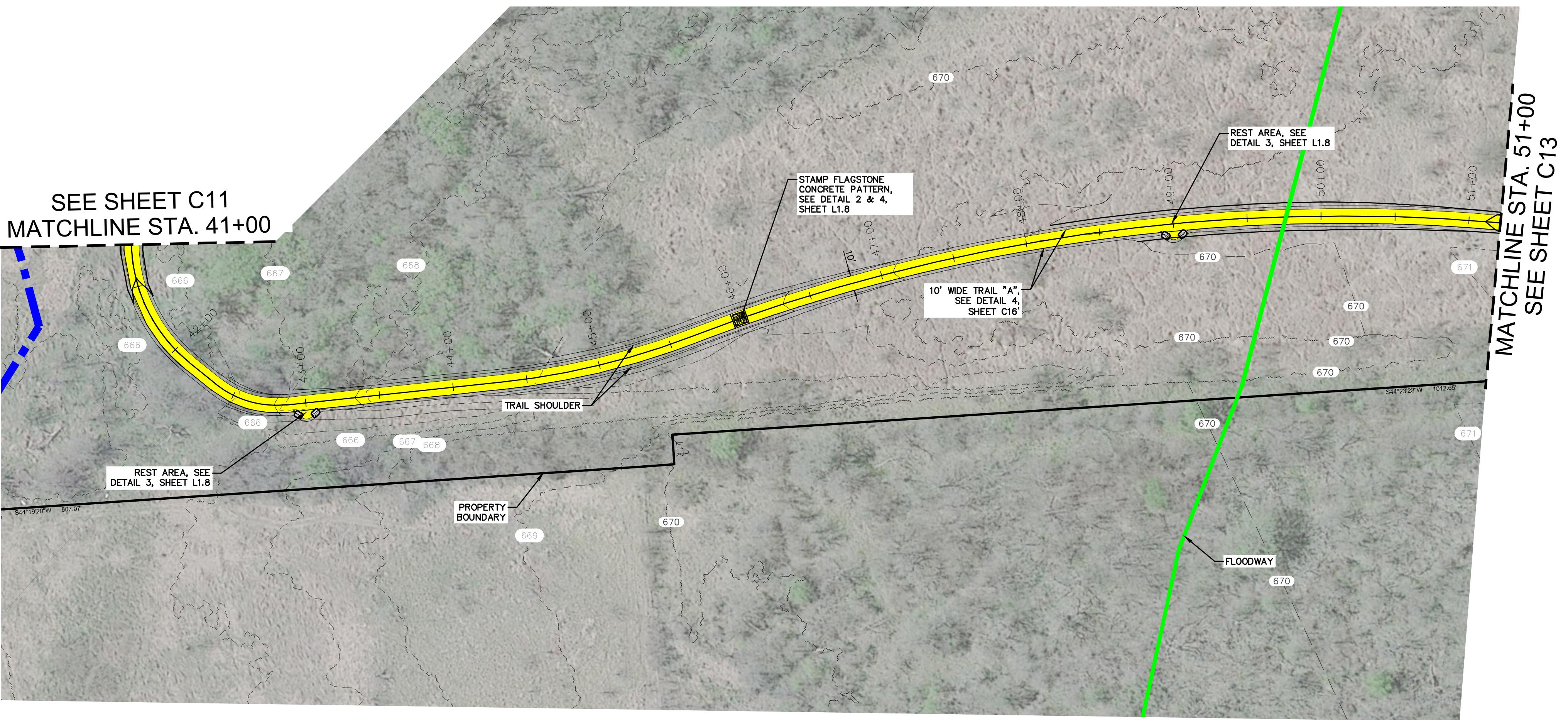
12940 Country Parkway, San Antonio, TX 78216
Telephone: (210) 349-3271
Firm Registration No: F-159

A circular seal for a Texas Professional Engineer. The outer ring contains the text "TEXAS", "PROFESSIONAL", "ENGINEER", and "85609" at the bottom. The inner circle features a five-pointed star in the center, surrounded by the name "JEFFREY S. TONDRE" and the date "3/12/2023". The seal is signed "Keller" in blue ink across the top.

TE: Mar. 2024
Vertical Scale 1"=5'
Horizontal Scale 1"=5'
25' 50'

SHEET
C9
PROJ NO. 3032.00





SCALE: 1"=50'

LEGEND

●	SET 1/2 INCH IRON ROD w/ V/A PROPERTY CORNER CAP.	— 675 — EXISTING CONTOURS
○	FOUND 1/2 INCH IRON ROD (UNLESS OTHERWISE NOTED)	— 675 — PROPOSED CONTOURS
	RIGHT OF WAY	CONCRETE SIDEWALK
	BUILDING SETBACK LINE	ALIGATOR CREEK CENTERLINE
	REINFORCED CONCRETE PIPE	FLOODWAY
R.O.W.	GAS, ELECTRIC, TELEPHONE, CABLE	100' FLOOD PLAIN
BSL	VOLUME	500' FLOOD PLAIN
RCP	PAGE	
GETCA	EX. ESM'T	
VOL.	EXISTING	
PG.	EASEMENT	
	FENCE	

DATE

REVISIONS
1
2
3
4
Δ D.F.S.C.



3/12/2024

©2024

JEFFREY S. TONDRE
85609
LICENSED PROFESSIONAL ENGINEER

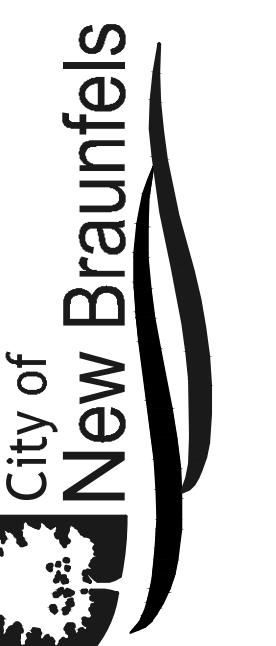
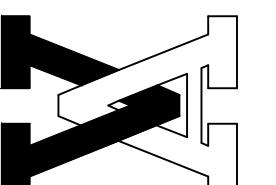
3/12/2024

©2024

12340 Country Parkway, San Antonio, TX 78216

Telephone (210) 345-3271

Firm Registration No. F-159



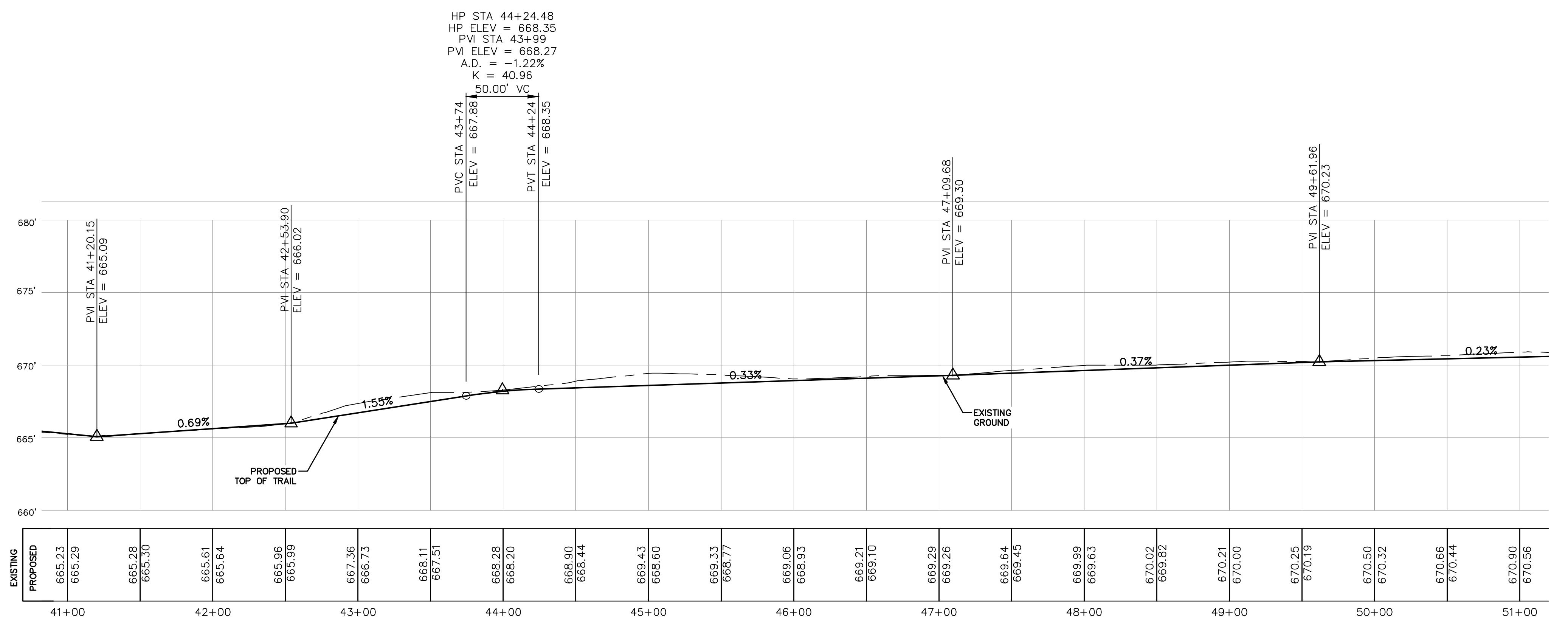
TRAIL PATH A PLAN AND PROFILE
STA 41+00-51+00
ALLIGATOR CREEK TRAIL
NEW BRAUNFELS, TEXAS

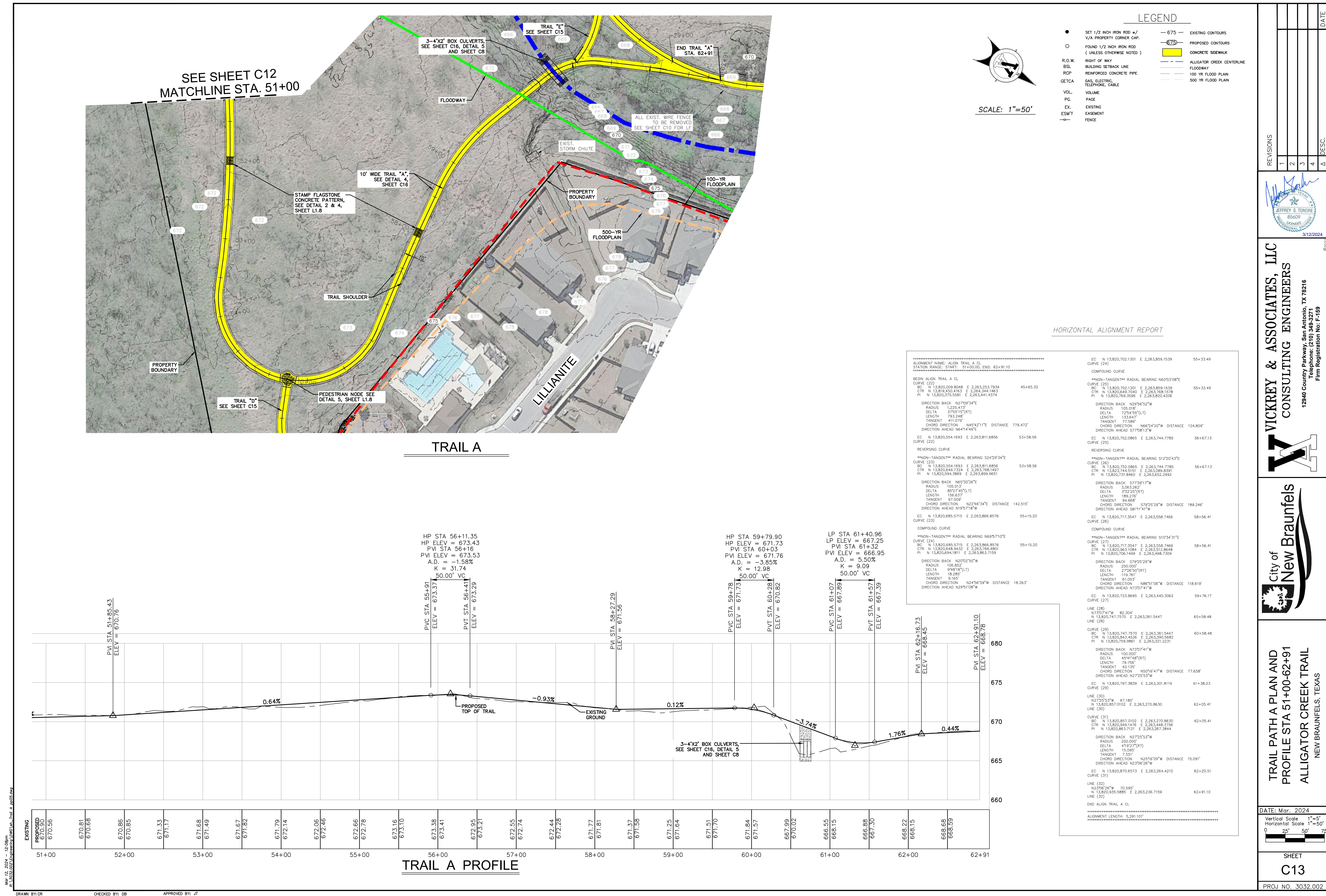
DATE: Mar. 2024
Vertical Scale 1"=50'
Horizontal Scale 1"=50'
0 25' 50' 75'
SHEET
C12
PROJ. NO. 3032.002

HORIZONTAL ALIGNMENT REPORT

ALIGNMENT NAME: ALIGN TRAIL A CL STATION RANGE: START: 41+00.00, END: 51+00.00	
CURVE (17)	
BC	N 13,819,913.3260 E 2,262,909.6388
CTR	N 13,819,875.1812 E 2,263,007.4650
PI	N 13,819,762.1472 E 2,262,850.6757
DIRECTION BACK	S21°18'07" W
RADIUS	105,000'
DELTA	54°54'(LT)
LENGTH	209.230'
TANGENT	162.300'
CHORD DIRECTION	S35°47'50"E DISTANCE 176.318'
DIRECTION AHEAD	N87°06'14"E
EC	N 13,819,770.3153 E 2,263,012.7704
CURVE (17)	42+12.68
LINE (18)	**NON-TANGENT** RADIAL BEARING S25°3'46"E
BC	N 13,819,771.4836 E 2,263,035.8635
CTR	N 13,819,836.4008 E 2,263,032.5792
PI	N 13,819,772.8450 E 2,263,062.7723
DIRECTION BACK	N87°06'14"E
RADIUS	65,000'
DELTA	45°01'45"(LT)
LENGTH	51.084'
TANGENT	26.303'
CHORD DIRECTION	N64°35'21"E DISTANCE 49.779'
DIRECTION AHEAD	N42°04'29"E
EC	N 13,819,792.8441 E 2,263,080.8269
CURVE (19)	42+86.89
LINE (20)	**NON-TANGENT** RADIAL BEARING S47°55'31"E
BC	N 13,819,901.5281 E 2,263,178.9705
CTR	N 13,820,240.3653 E 2,262,804.9326
PI	N 13,819,950.7503 E 2,263,223.4961
DIRECTION BACK	N42°07'55"E
RADIUS	50,093'
DELTA	142°56'(LT)
LENGTH	131.989'
TANGENT	66.373'
CHORD DIRECTION	N34°38'45"E DISTANCE 131.614'
DIRECTION AHEAD	N27°09'35"E
EC	N 13,820,009.8048 E 2,263,253.7934
CURVE (21)	45+65.32
REVERSING CURVE	
LINE (22)	**NON-TANGENT** RADIAL BEARING N62°50'26"W
BC	N 13,820,009.8048 E 2,263,253.7934
CTR	N 13,819,450.4163 E 2,264,344.1463
PI	N 13,820,375.5581 E 2,263,441.4374
DIRECTION BACK	N27°09'34"E
RADIUS	1,225.473'
DELTA	37°59'15"(RT)
LENGTH	793.248'
TANGENT	411.079'
CHORD DIRECTION	N45°42'11"E DISTANCE 779.472'
DIRECTION AHEAD	N64°14'49"E
EC	N 13,820,554.1693 E 2,263,811.6856
CURVE (22)	53+58.56
END ALIGN TRAIL A CL	
ALIMENT LENGTH: 5,291.101'	

TRAIL A PROFILE





LEGEND

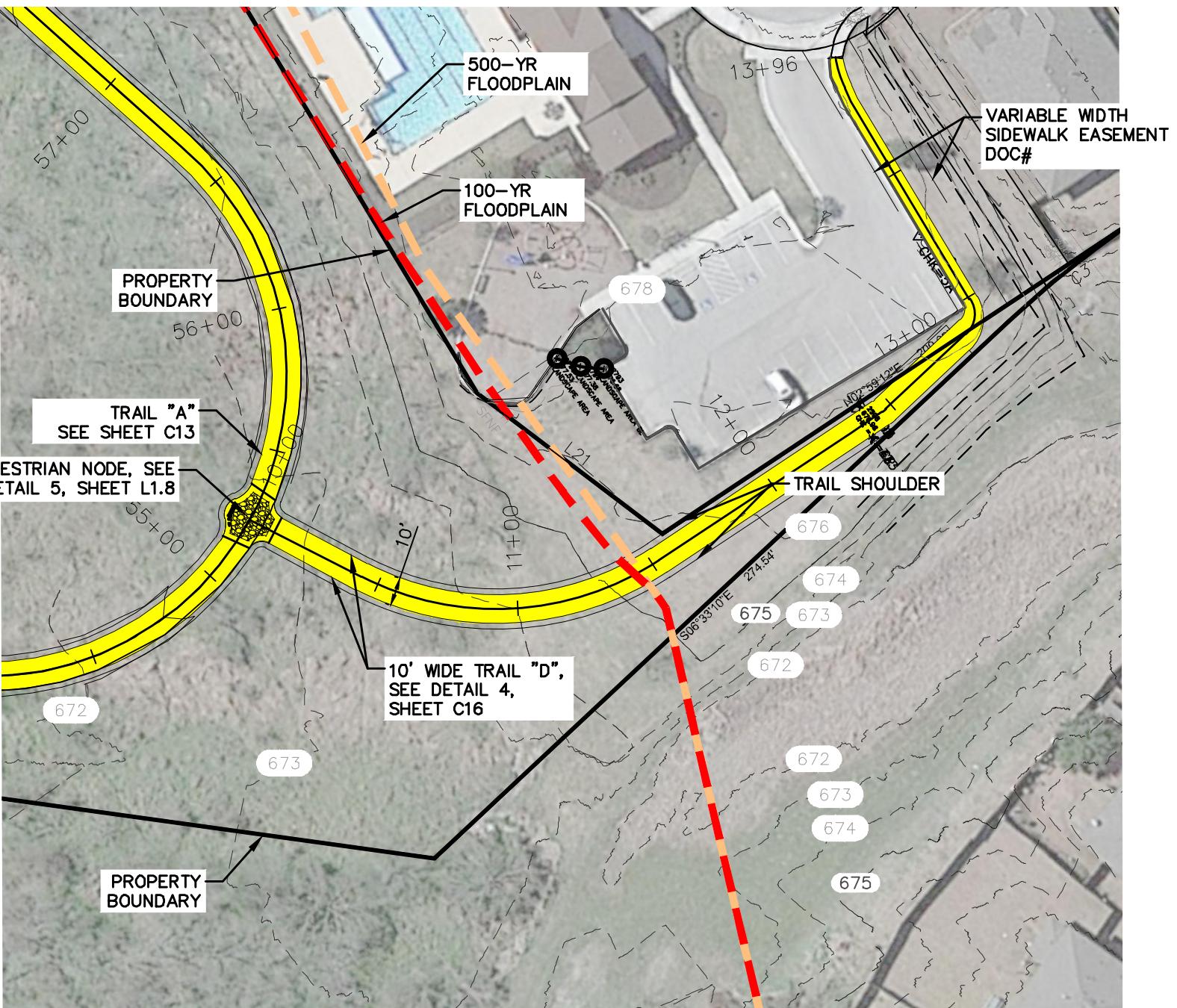
●	SET 1/2 INCH IRON ROD w/ V/A PROPERTY CORNER CAP.
○	FOUND 1/2 INCH IRON ROD (UNLESS OTHERWISE NOTED)
—	EXISTING CONTOURS
—(75)	PROPOSED CONTOURS
■	CONCRETE SIDEWALK
—	BUILDING SETBACK LINE
—	REINFORCED CONCRETE PIPE
—	GAS, ELECTRIC, TELEPHONE, CABLE
VOL.	VOLUME
PG.	PAGE
EX.	EXISTING
ESM'T	EASEMENT
—	FENCE

REVISIONS	1
	2
	3
	4
DATE	3/12/2024



3/12/2024

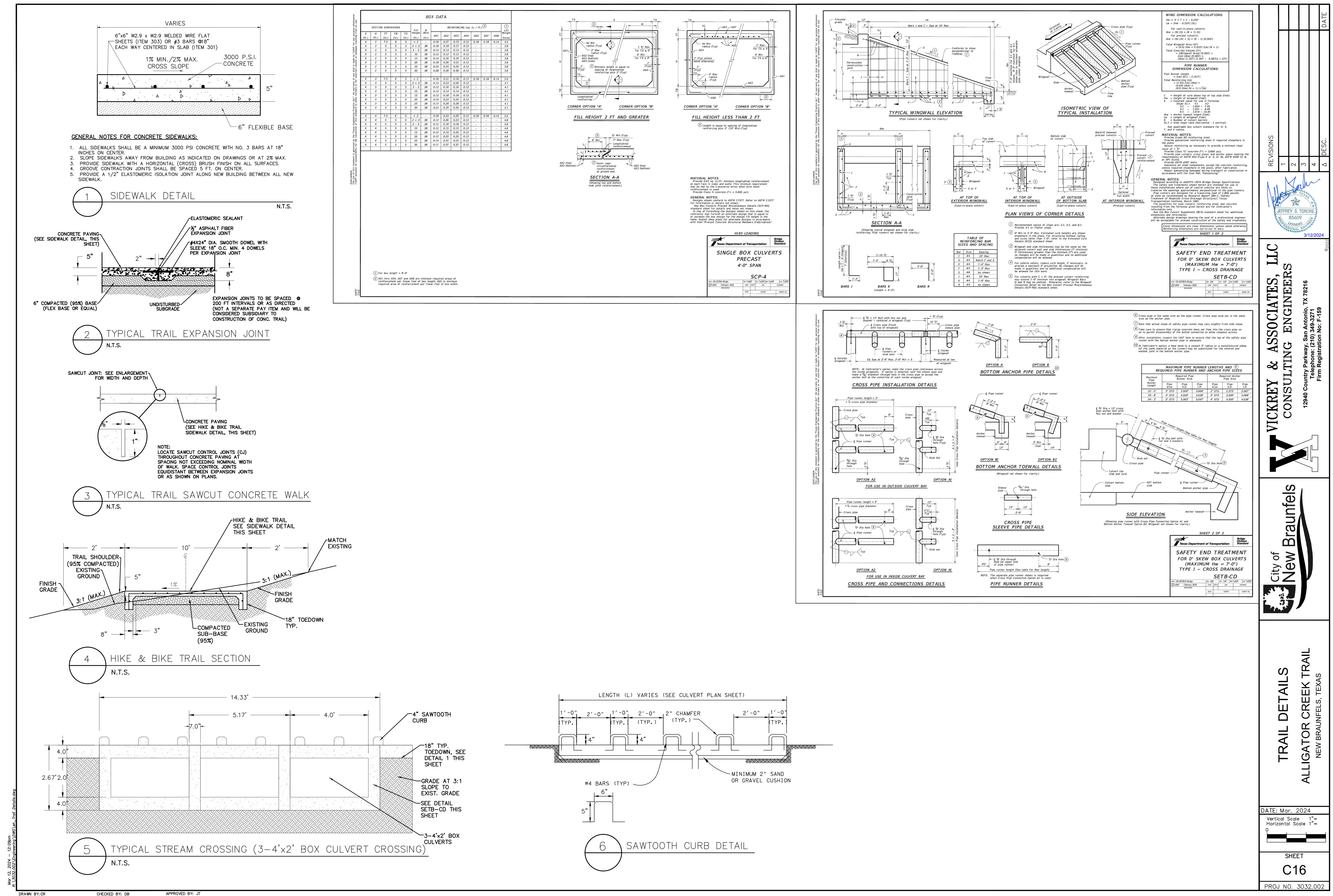
JEFFREY S. TONDRE
P.E.
LICENSED PROFESSIONAL ENGINEER
12340 County Parkway, San Antonio, TX 78216
Telephone (210) 545-3271
Firm Registration No. F-159



TRAIL D

HORIZONTAL ALIGNMENT REPORT

ALIGNMENT NAME: Trail D CL		STATION RANGE: 10+00.00, END: 13+99.02	12+33.20
Line (3)	N 13,820,880.4263 E 2,263,963.9385		
Curve (7)	**Non-Tangent** Radial Bearing N85°32'59"E		
Line (4)	Curve (7) N 13,820,880.4820 E 2,263,954.079		12+91.56
Line (4)	BC N 13,820,880.4820 E 2,263,954.414		
Line (4)	CTR N 13,820,942,6587 E 2,263,959.0829		
Line (4)	PT N 13,820,942,6587 E 2,263,959.0829		
Curve (5)	Direction Back N42°27'01"W		
Curve (5)	Radius 5,009'		
Curve (5)	Delta 73°59'11"(LT)		
Curve (5)	Length 9,918'		
Curve (5)	Tangent 4,189'		
Curve (5)	Chord Direction N44°21'37"W Distance 6,427'		
Curve (5)	Direction Ahead N84°16'12"W		
Curve (5)	EC N 13,820,943,0769 E 2,263,954.9145		12+98.54
Curve (7)	Curve (7) N 13,820,943,0769 E 2,263,954.9145		
Line (8)	**Non-Tangent** Radial Bearing N54°43'48"E		
Line (8)	BC N 13,820,771,3181 E 2,263,321.3105		10+00.00
Line (8)	CTR N 13,820,771,3181 E 2,263,321.3105		
Line (8)	PT N 13,820,771,3181 E 2,263,321.3105		
Line (8)	Direction Back N42°27'01"W		
Line (8)	Radius 125,062'		
Line (8)	Delta 41°23'42"(LT)		
Line (8)	Length 99,355'		
Line (8)	Tangent 47,251'		
Line (8)	Chord Direction S74°28'12"W Distance 88,403'		
Line (8)	Direction Ahead S53°46'21"W		
Line (8)	EC N 13,820,775,5739 E 2,263,274,2516		
Line (8)	Curve (8) N 13,820,775,5739 E 2,263,274,2516		
Curve (8)	Curve (8) N 13,820,775,5739 E 2,263,274,2516		
Curve (8)	Direction Back N84°49'57"W		
Curve (8)	Radius 125,062'		
Curve (8)	Delta 41°23'42"(LT)		
Curve (8)	Length 99,355'		
Curve (8)	Tangent 47,251'		
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Curve (8)	Direction Ahead S53°46'21"W		
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Curve (8)	Direction Back N84°49'57"W		
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Curve (8)	Length 99,355'		
Curve (8)	Tangent 47,251'		
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Curve (8)	Chord Direction S74°28'12"W Distance 88,403'		
Curve (8)	Direction Ahead S53°46'21"W		
Curve (8)</td			





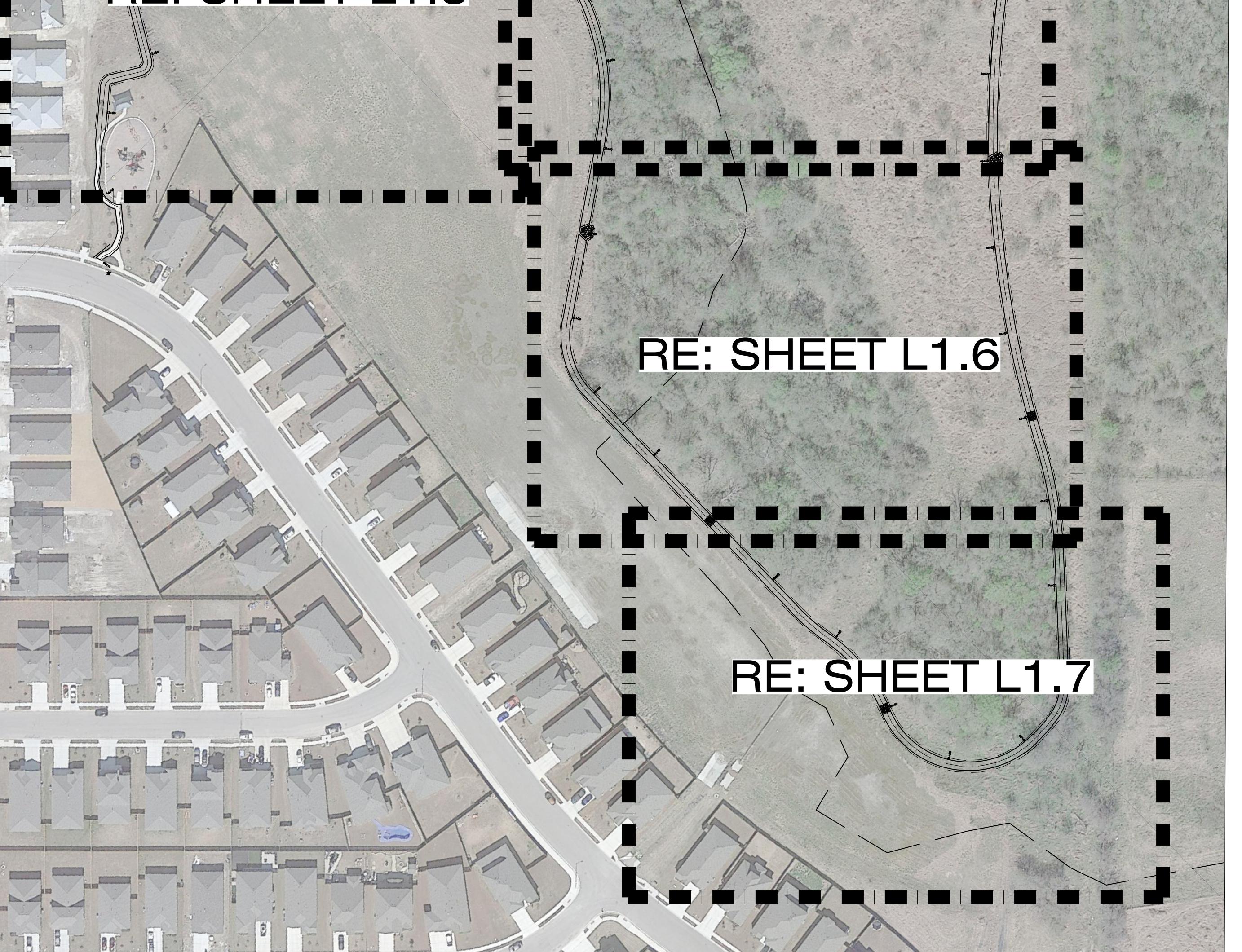
MATERIALS SCHEDULE

<u>DESCRIPTION</u>	<u>SPECIFICATIONS</u>
CONCRETE PAVING	REFERENCE CIVIL PLANS FOR DETAILS, REINFORCEMENT, AND FINISHES
STAMPED CONCRETE PAVING	PATTERN: RANDOM FLAGSTONE COLOR: TO BE SELECTED BY CLIENT NOTES: CONTRACTOR TO WILL PROVIDE A CUTSHEET OF PAVING PATTERN AND COLOR SAMPLE PRIOR TO ORDERING MATERIAL. CONTRACTOR WILL PROVIDE A 10'-0" X 10'-0" MOCK-UP FOR CLIENT APPROVAL PRIOR TO CONSTRUCTION.
TRASH CAN	DISTRIBUTOR: PLAYCORE COMPANY MODEL: SUPERIOR TR32CROWN-RB COLOR: COLOR TO BE SELECTED BY OWNER TEL: 1-877-762-7563 CONTRACTOR TO SUBMIT PRODUCT CUTSHEEETS FOR CLIENT REVIEW AND APPROVAL
PET WASTE STATION	DISTRIBUTOR: MUTT MITT MODEL: MUTT MITT DOG WASTE STATION WITH 400 BAGS SKU1004 TEL: 1-800 697-6084 CONTRACTOR TO SUBMIT PRODUCT CUTSHEEETS FOR CLIENT REVIEW AND APPROVAL
BOULDERS	PRODUCT: TEXAS BOULDER APPROX SIZE: 4' X 3' X 15" TEL: 281-356-2110 DISTRIBUTOR: COWBOY TRUCKING INC. WEB: COWBOY TOPSOIL.COM TEL: 713-932-9825 CONTRACTOR TO SUBMIT SAMPLES FOR CLIENT REVIEW AND APPROVAL

CONC. JOINT NOTES

CONC. JOINT NOTES:

1. UNLESS OTHERWISE NOTED ON CIVIL PLANS, PROVIDE (1) TOOLED CONSTRUCTION JOINT 10' ON CENTER PER LINEAL FEET OF CONC. TRAIL.
2. UNLESS OTHERWISE NOTED ON CIVIL PLANS, PROVIDE (1) EXPANSION JOINT PER 40' MAX PER LINEAL FEET OF CONC. TRAIL, AT INTERSECTIONS BETWEEN FLAGSTONE PAVING, AND INTERSECTIONS BETWEEN EXISTING CONCRETE AND NEW CONCRETE.
3. UNLESS OTHERWISE NOTED ON CIVIL PLANS, PROVIDE CONSTRUCTION JOINTS @ ALL JUNCTIONS WHERE CONC. IMPROVEMENTS CHANGE DIRECTION.
4. REFER TO CIVIL PLANS FOR CONC. JOINT DETAILS AND SPECIFICATIONS.



Scale: 1" = 100'-0"



DATE: March 12, 2024

H O R I Z O N
D E S I G N A N D D E V E L O P M E N T
P L A N N I N G L A N D S C A P E A R C H I T E C T U R E
D E V E L O P M E N T C O N S U L T I N G
14607 San Pedro Ave., Suite 200
San Antonio, Texas 78232
210.831.8564 jrobinson@horizondesign-sa.com

OVERALL LANDSCAPE CONSTRUCTION PLAN

ALLIGATOR CREEK TRAIL

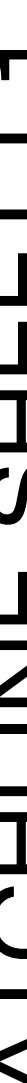
NEW BRAUNFELS, TEXAS

DATE: March 12, 2024
Vertical Scale 1"=
Horizontal Scale 1"=

SHEET OF
1.0 9
PROJ. NO. 3032.002



MATCHLINE SHEET L1.1



16+00

MATCHLINE SHEET L1.1



16+00



DATE: March 12, 2024
Vertical Scale 1"=
Horizontal Scale 1"=
03.12.24
Exp. 07.30.25

PROJ NO. 3032.002

MATCHLINE SHEET L1.1

MATCHLINE SHEET L1.2

11

17+00

REST AREA REF:
DETAIL 3/L1.8
STATION 18+00

18+00

19+00

20+00

21+00

STAMP FLAGSTONE
CONCRETE PATTERN
REF: DETAIL 2/L1.8
STATION 21+00

22+00

MATCHLINE SHEET L1.2

MATCHLINE SHEET L1.3



03.12.24
Exp. 07.30.25

DATE: March 12, 2024

Vertical Scale 1" = 20'

Horizontal Scale 1" = 40'

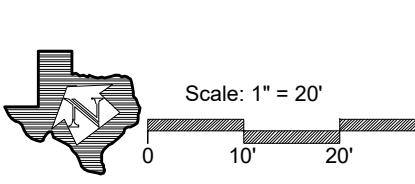
0

10'

20'

30'

40'



Scale: 1" = 20'
0 10' 20' 30' 40'

HORIZON
DESIGN AND DEVELOPMENT
PLANNING, LANDSCAPE ARCHITECTURE,
DEVELOPMENT CONSULTING
14607 San Pedro Ave., Suite 200
San Antonio, Texas 78232
210.831.8564 jrobinson@horizondesign-sa.com

PROJ NO. 3032.002

SHEET L1.2 OF 9

PROJ NO. 3032.002

SHEET L1.2 OF 9

PROJ NO. 3032.002

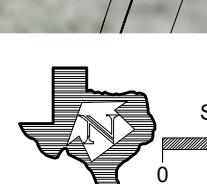
SHEET L1.2 OF 9

ENLARGED LANDSCAPE CONSTRUCTION PLAN		VICKREY & ASSOCIATES, LLC CONSULTING ENGINEERS	
City of New Braunfels		12940 Country Parkway, San Antonio, TX 78216	12940 Country Parkway, San Antonio, TX 78216
Capital Programs		Telephone: (210) 349-3271	Telephone: (210) 349-3271
		Firm Registration No.: 1-168	Firm Registration No.: 1-168
		©2023	©2023
REVISIONS	1	2	3
DESC.	4	△	△
DATE			



MATCHLINE SHEET L1.4

MATCHLINE SHEET L1.5



The logo for Horizon Design and Development. It features a top banner with the company name in a serif font. Below the banner is a stylized landscape graphic with a path and foliage. To the left of the graphic is a scale bar with markings for 10', 20', and 40'. Text to the right of the graphic provides contact information: 'PLANNING LANDSCAPE ARCHITECTURE DEVELOPMENT CONSULTING', '14607 San Pedro Ave., Suite 200 San Antonio, Texas 78232', and '210.831.8564 jrobinson@horizondesign-sa.com'.

DATE: March 12, 2024							
Vertical Scale 1"= Horizontal Scale 1"=							
							
<table border="1"> <tr> <td>SHEET</td> <td>OF</td> </tr> <tr> <td>L1.4</td> <td>9</td> </tr> <tr> <td colspan="2">PROJ NO. 3032.002</td> </tr> </table>		SHEET	OF	L1.4	9	PROJ NO. 3032.002	
SHEET	OF						
L1.4	9						
PROJ NO. 3032.002							

13 3034

112, 2024

Scale 1" =

1000

10 of 10

QF

81

9

3030 000

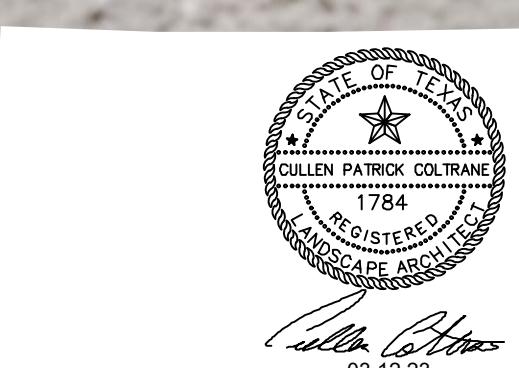
3032.002

MATCHLINE SHEET L1.3
MATCHLINE SHEET L1.5

MATCHLINE SHEET L1.4
MATCHLINE SHEET L1.5

MATCHLINE SHEET L1.5
MATCHLINE SHEET L1.6

STAMP FLAGSTONE
CONCRETE PATTERN
REF: DETAIL 2/L1.8
STATION 52+00



0 10' 20' 40'

Scale: 1" = 20'

Vertical Scale: 1" =

Horizontal Scale: 1" =

0 10' 20' 40'

0 10' 20' 40'

0 10' 20' 40'

0 10' 20' 40'

0 10' 20' 40'

0 10' 20' 40'

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MATCHLINE SHEET L1.6

MATCHLINE SHEET L1.7

IE SHEET L1.6

E SHEET L1.7

44+00

43+00

42+00

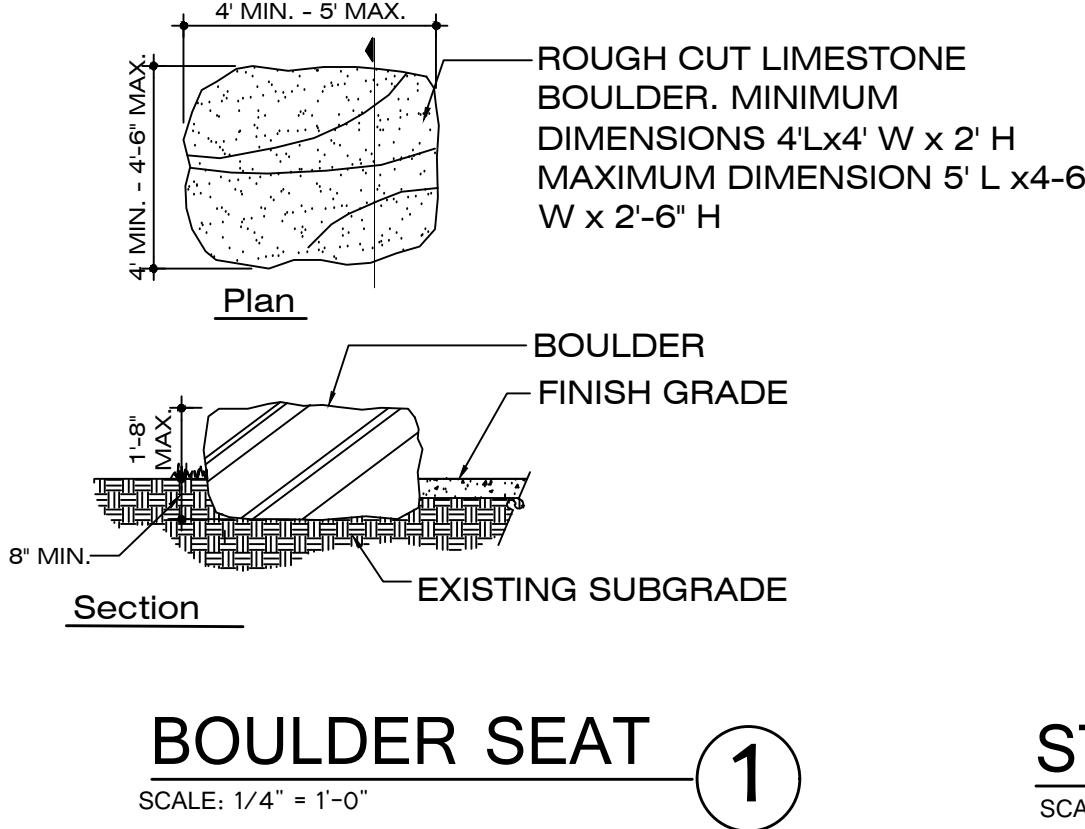
41+00

STAMP FLAGSTONE
CONCRETE PATTERN
REF: DETAIL 2/L1.8
STATION 40+00

REST AREA REF:
DETAIL 3/L1.8
STATION 43+00

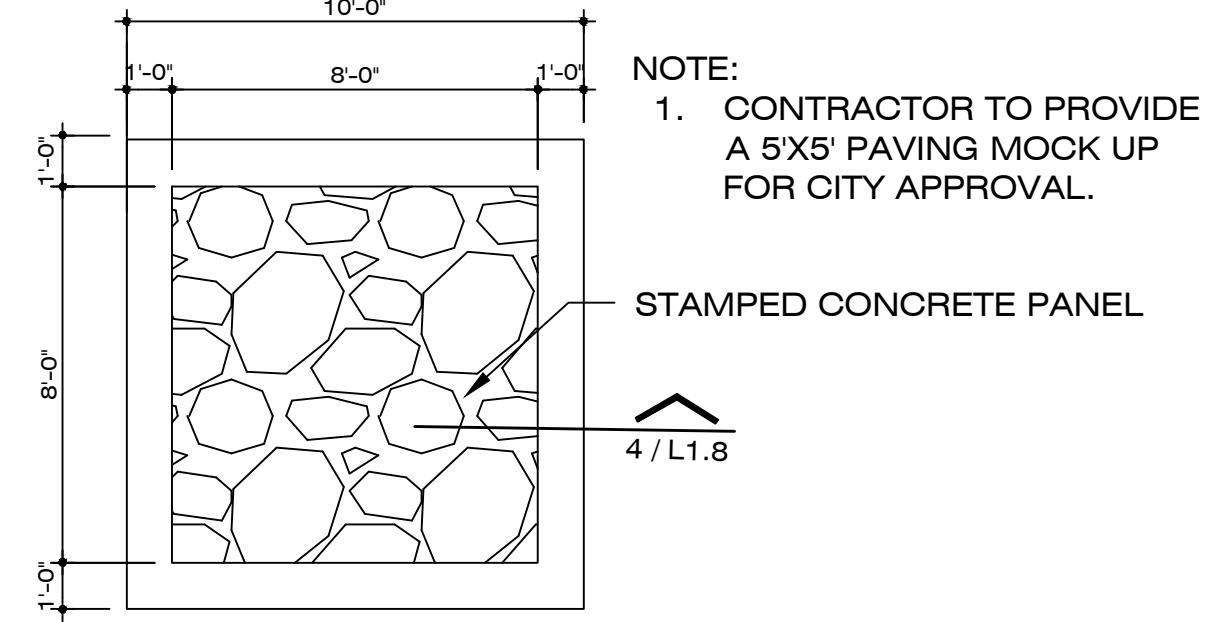
STATE OF TEXAS
CULLEN PATRICK COLTRANE
1784

ENLARGED LANDSCAPE CONSTRUCTION PLAN		DATE: March 12, 2024	
ALLIGATOR CREEK TRAIL NEW BRAUNFELS, TEXAS		Vertical Scale 1" = Horizontal Scale 1" =	
City of New Braunfels		SHEET 1.7 OF 9	
VICKREY & ASSOCIATES, LLC CONSULTING ENGINEERS		DATE: March 12, 2024	
		REVISIONS	
		1	DATE
		2	
		3	
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		△	DESC.
		©2022	
		FUTURE a.com	

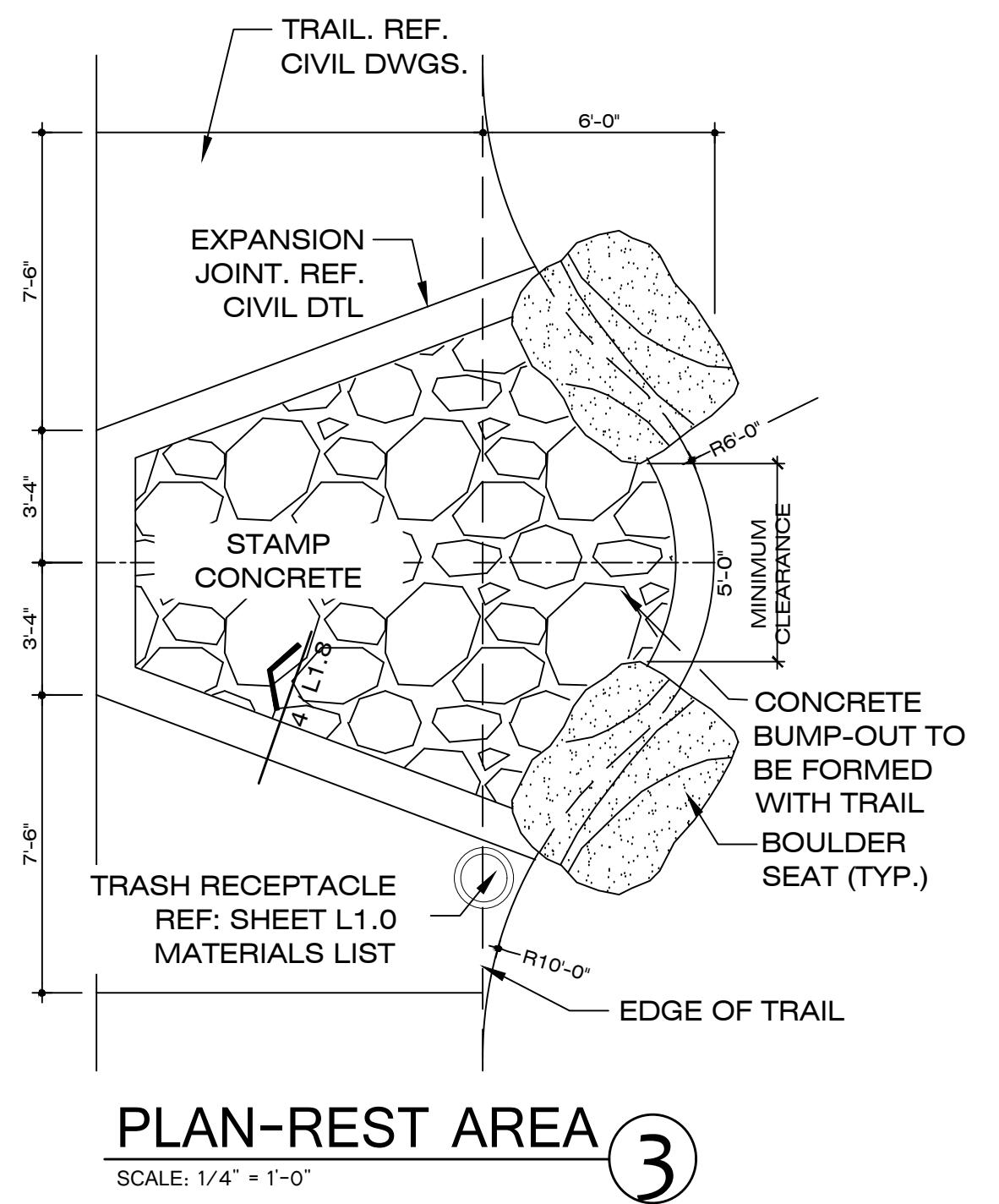


BOULDER SEAT

SCALE: 1/4" = 1'-0"

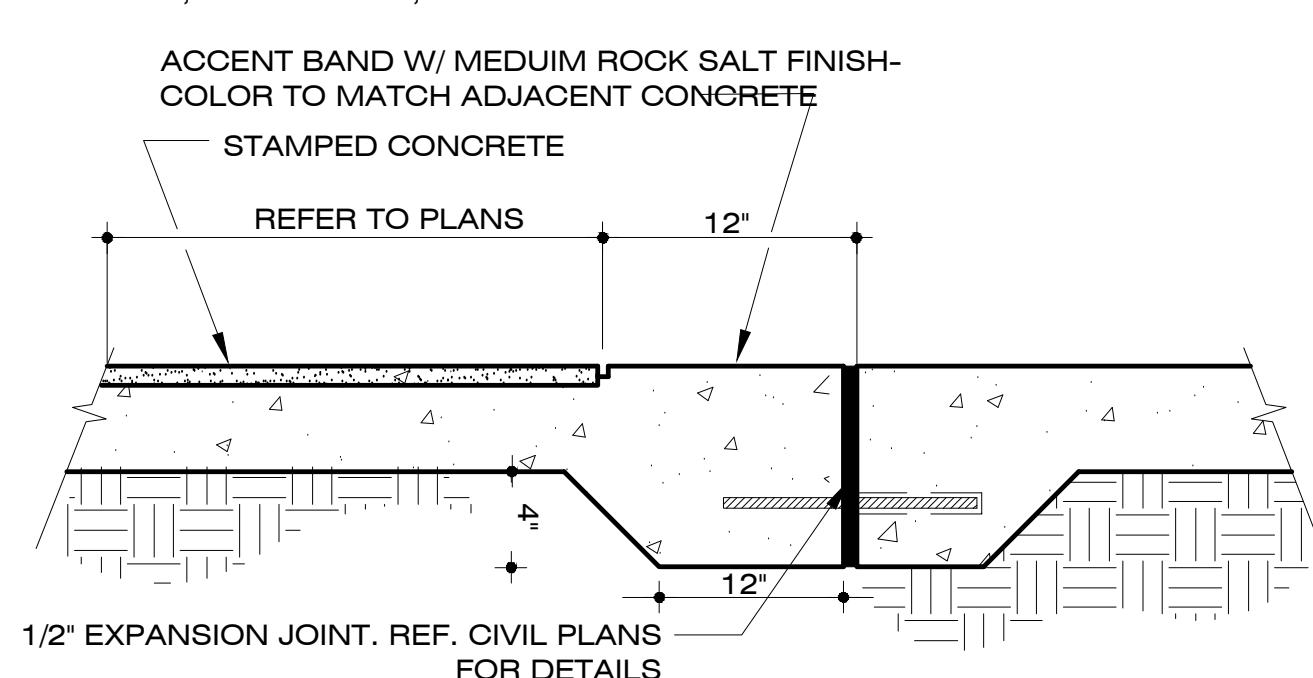


STAMPED FLAGSTONE CONCRETE PATTERN 2

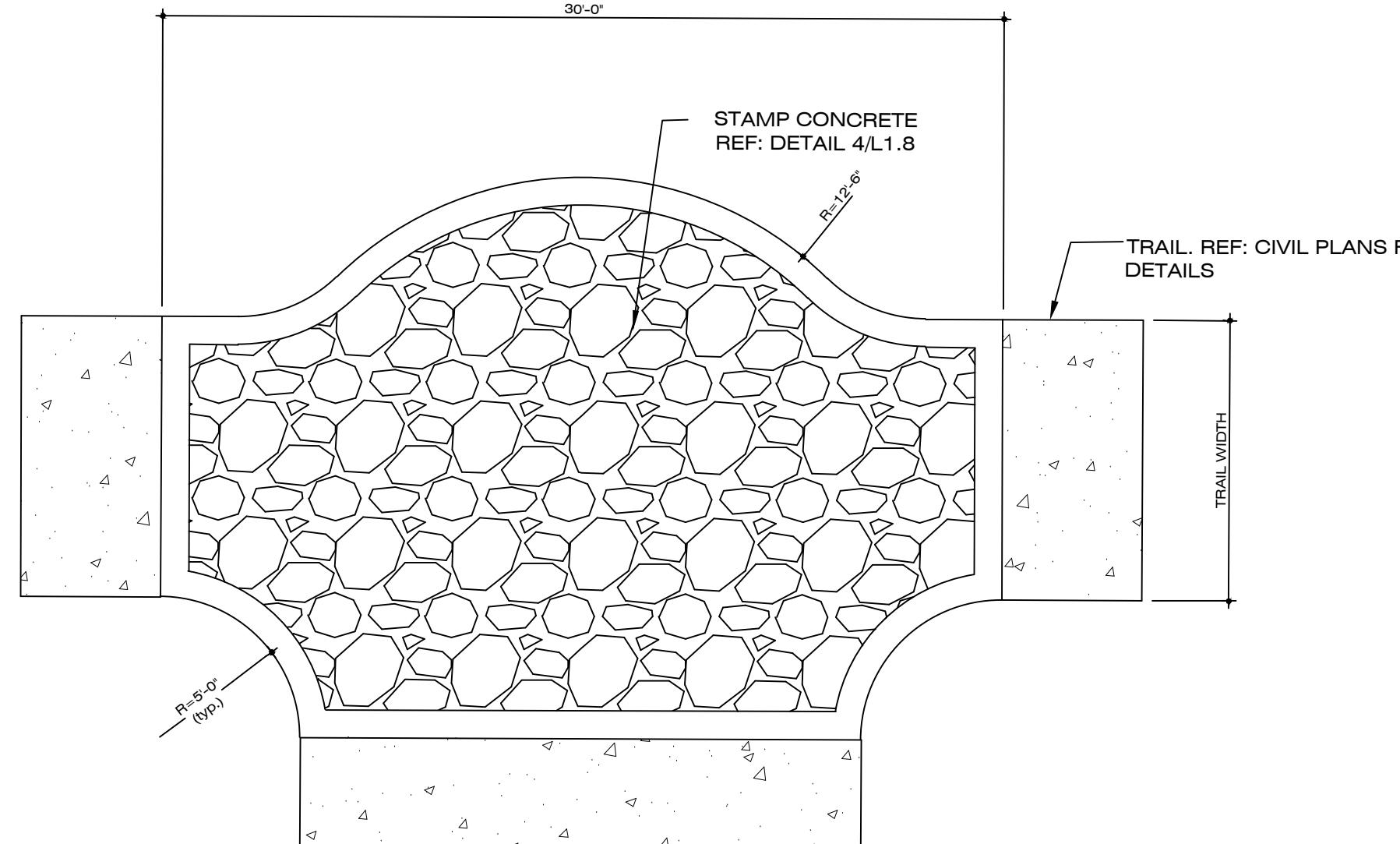


PLAN-REST AREA

SCALE: 1/4" = 1'-0"



STAMPED FLAGSTONE CONCRETE PATTERN W/ 12" ACCENT BAND



PEDESTRIAN NODE

Mar 07, 2024 - 9:08am
\\HD-FPS01\Shared\Files\Brackets\2022\2023

CHECKED BY

APPROVED BY: ST

LANDSCAPE CONSTRUCTION DETAILS

DATE: March 12, 2024	
Vertical Scale 1"= Horizontal Scale 1"=	
0	
SHEET OF L1.8 9	
PROJ NO. 3032.002	