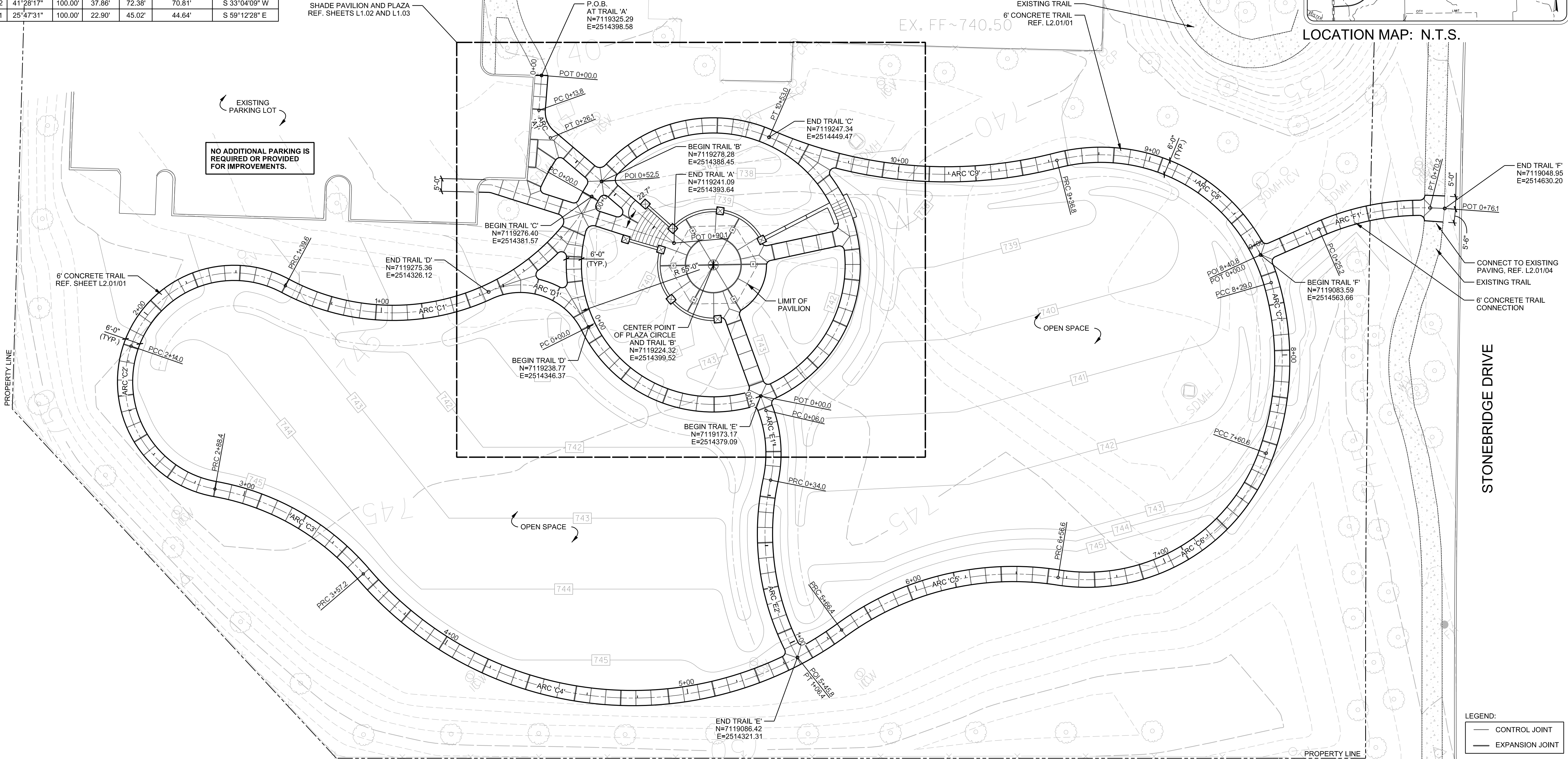


ARC DATA

NO.	Δ	RADIUS	TANGENT	LENGTH	CHORD LENGTH	CHORD BEARING
A1	54°01'07"	13.00'	6.63'	12.26'	11.81'	N 19°03'39" E
C1	88°53'19"	90.00'	88.27'	139.63'	126.04'	N 64°34'38" W
C2	198°10'47"	43.00'	268.76'	148.73'	84.92'	S 60°46'37" W
C3	39°27'05"	100.00'	35.86'	68.86'	67.50'	S 18°35'15" E
C4	85°35'32"	140.00'	129.62'	209.14'	190.23'	S 41°39'29" E
C5	44°58'27"	115.00'	47.60'	90.27'	87.97'	S 61°58'01" E
C6	79°24'32"	75.00'	62.28'	103.95'	95.82'	S 79°11'04" E
C7	35°38'03"	110.00'	35.35'	68.41'	67.32'	S 43°17'39" W
C8	88°14'60"	70.00'	67.89'	107.82'	97.47'	N 18°38'53" W
C9	38°02'03"	175.00'	60.32'	116.17'	114.05'	S 43°45'21" E
D1	88°20'38"	30.00'	29.15'	46.26'	41.81'	N 28°57'43" W
E1	32°02'16"	50.00'	14.36'	27.96'	27.60'	S 37°47'08" W
E2	41°28'17"	100.00'	37.86'	72.38'	70.81'	S 33°04'09" W
F1	25°47'31"	100.00'	22.90'	45.02'	44.64'	S 59°12'28" E



SITE INFORMATION:

ADDRESS:
SWC OF STONEBRIDGE DR
AND CORONADO DR

DEVELOPMENT TYPE:
RECREATION

ZONE:
SF/OS

TOTAL SITE AREA:
5.413 AC

IMPROVED SITE AREA:
3.0 AC

GENERAL NOTES:

1. ALL INSIDE EDGES OF TRAIL SHALL RECEIVE 2'-0" RADIUS UNLESS OTHERWISE NOTED.
2. ALL PAVEMENT SHALL MEET ADA REQUIREMENTS UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ANY ADA ACCESSIBLE FLATWORK THAT DOES NOT MEET THE MINIMUM ADA ACCESSIBILITY REQUIREMENTS AT NO ADDITIONAL COST TO THE CLIENT.
3. CONCRETE PAVING JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND DETAILS. EXPANSION JOINTS SHALL BE PLACED AT CHANGES IN DIRECTION OF PAVING, AT SPACING SPECIFIED IN THE DETAILS AND/OR AS SHOWN ON THE PLANS. SEAL ALL JOINTS AS SHOWN IN THE DETAILS.
4. ALL AREAS DISTURBED DUE TO CONSTRUCTION SHALL BE REVEGETATED WITH BERMUDA HYDROMULCH.

CITY OF MCKINNEY GENERAL NOTES:

1. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL BE FAMILIAR WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE PLANS (INCLUDING ALL NOTES), THE CITY OF MCKINNEY SPECIFICATIONS AND ANY OTHER APPLICABLE STANDARDS OR SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFIED. FAILURE ON THE PART OF THE CONTRACTOR TO BE FAMILIAR WITH ALL STANDARDS AND SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL HAVE IN POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, AND LICENSES, ETC. CONTRACTOR SHALL HAVE A LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
3. ALL WORK SHALL CONFORM TO THE CITY OF MCKINNEY SPECIFICATIONS AND STANDARDS.
4. IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY OF MCKINNEY CONSTRUCTION STANDARDS AND SPECIFICATIONS, THE NORTH CENTRAL TEXAS COUNCIL

- OF GOVERNMENTS (NCTCOG) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SHALL APPLY WITH CONCURRING NOTIFICATION TO THE CITY ENGINEER AND PROJECT ENGINEER. THE CITY ENGINEER SHALL HAVE THE FINAL DECISION ON ALL CONSTRUCTION MATERIALS, METHODS, AND PROCEDURES.
5. CONSTRUCTION INSPECTION WILL BE PERFORMED BY REPRESENTATIVES OF THE OWNER, ENGINEER, CITY, GEOTECHNICAL ENGINEER, AND REVIEWING AUTHORITIES AND AGENCIES. UNRESTRICTED ACCESS SHALL BE PROVIDED TO THEM AT ALL TIMES. CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING AND SCHEDULING REQUIRED INSPECTIONS. TESTING SAMPLES SHALL BE COLLECTED AND PROCESSED BY CERTIFIED TECHNICIANS.
 6. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS ONTO DEVELOPED OR UNDEVELOPED AREAS WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S RESPONSIBILITY TO REPAIR.
 7. IT WILL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO PROTECT ALL EXISTING PUBLIC AND PRIVATE UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS

- PROJECT. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL ASSUME FULL LIABILITY TO THOSE COMPANIES FOR ANY DAMAGES CAUSED TO THEIR FACILITIES.
8. TRENCH SAFETY DESIGN WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. CONTRACTOR SHALL SUBMIT A TRENCH SAFETY DESIGN APPROVED BY A PROFESSIONAL ENGINEER TO THE CITY OF MCKINNEY ENGINEERING DEPARTMENT FOR REVIEW PRIOR TO THE START OF ANY UNDERGROUND UTILITY CONSTRUCTION.
 9. RETAINING WALLS GREATER THAN 2' IN HEIGHT REQUIRE A SEPARATE PERMIT FROM THE BUILDING INSPECTIONS DEPARTMENT. RETAINING WALLS OVER 4' MUST BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE OF TEXAS. THE DESIGN MUST BE REVIEWED AND PERMITTED BY BUILDING INSPECTIONS.
 10. THE CONTRACTOR SHALL PROVIDE A CLEAR AND SAFE ROUTE FOR ALL PEDESTRIANS THROUGHOUT THE DURATION OF CONSTRUCTION.

11. THE CONTRACTOR SHALL PROTECT EXISTING TREES (INCLUDING THE AREA UNDER THE DRIP LINES OF TREES), BUSHES, LANDSCAPING PLANTS, SPRINKLERS, AND LAWNS UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DRAWINGS. ANY DAMAGE TO THE EXISTING TREES, BUSHES, LANDSCAPING PLANTS, SPRINKLERS, AND LAWNS CAUSED BY THE CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE CITY OF MCKINNEY AT THE CONTRACTOR'S EXPENSE.
12. DEVELOPER SHALL BE RESPONSIBLE FOR OBTAINING ALL OFFSITE EASEMENTS PRIOR TO COMMENCEMENT OF OFFSITE AND RELEVANT ON-SITE CONSTRUCTION ACTIVITIES.
13. THE LIGHTING FOR THE SUBJECT PROPERTY WILL BE CONSTRUCTED AND OPERATED IN CONFORMANCE WITH CHAPTER 58 OF THE CITY OF MCKINNEY CODE OF ORDINANCE.
14. ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" (SIX) INCH LIFTS OR PER GEOTECHNICAL REPORT.

15. ALL BARRIER FREE RAMPS SHALL COMPLY WITH THE CURRENT TDLR AND TxDOT REGULATIONS.
16. CONSTRUCTION JOINTS, COLD JOINTS, AND CURB RETURNS NEED TO HAVE FABRIC INSTALLED TO ALLOW FOR EXPANSION.
17. SAWED JOINTS SHALL BE EVERY 15 FEET FOR 6" THICK CONCRETE AND EVERY 20 FEET FOR 8" THICK CONCRETE; AND SHALL BE CONSTRUCTED WITHIN THE FIRST 12 HOURS OF CONCRETE PLACEMENT.
18. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI, UNLESS A HIGHER COMPRESSIVE STRENGTH IS SPECIFIED.
19. EXPANSION JOINTS SHALL BE PLACED EVERY 500 FEET FOR 6" THICK AND 8" THICK CONCRETE.
20. SUBGRADE SHALL EXTEND 12" MINIMUM BEHIND THE CURB, BE A MINIMUM OF 6" THICK AND SHALL BE LIME OR CEMENT STABILIZED AS RECOMMENDED IN THE GEOTECHNICAL REPORT. THE PLASTICITY INDEX SHALL NOT EXCEED 12.

STONEBRIDGE RANCH
AQUATIC CENTER EXPANSION
McKinney, Texas



Revision No.	Date	Description

PRELIMINARY
FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY APPROVAL, PERMIT BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

LENNY L. HUGHES 2067
NAME R.L.A. NO.
DATE 2012-04-23

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