



LEGEND		
EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	PROPERTY LINE / (R.O.W.) LINE
[Symbol]	[Symbol]	RECORD INFORMATION
[Symbol]	[Symbol]	LIGHT POLE
[Symbol]	[Symbol]	POWER POLE
[Symbol]	[Symbol]	DOWN GUY
[Symbol]	[Symbol]	TRANSFORMER (SIZE VARIES)
[Symbol]	[Symbol]	FIRE HYDRANT
[Symbol]	[Symbol]	WATER VALVE
[Symbol]	[Symbol]	WATER METER
[Symbol]	[Symbol]	WATER METER VAULT (SIZE VARIES)
[Symbol]	[Symbol]	CABLE TV RISER
[Symbol]	[Symbol]	ELECTRIC BOX
[Symbol]	[Symbol]	ELECTRIC METER
[Symbol]	[Symbol]	GAS METER
[Symbol]	[Symbol]	GAS VALVE
[Symbol]	[Symbol]	GRATE INLET
[Symbol]	[Symbol]	CURB INLET (SIZE VARIES)
[Symbol]	[Symbol]	WATER LINE
[Symbol]	[Symbol]	WASTEWATER LINE
[Symbol]	[Symbol]	UNDERGROUND ELECTRIC LINE
[Symbol]	[Symbol]	OVERHEAD ELECTRIC
[Symbol]	[Symbol]	WASTEWATER MANHOLE (SIZE VARIES)
[Symbol]	[Symbol]	STORMSEWER MANHOLE (SIZE VARIES)
[Symbol]	[Symbol]	WASTEWATER CLEANOUT
[Symbol]	[Symbol]	CURB & GUTTER
[Symbol]	[Symbol]	EDGE OF PAVEMENT
[Symbol]	[Symbol]	CONCRETE SIDEWALKS
[Symbol]	[Symbol]	HANDICAP ACCESSIBLE ROUTE
[Symbol]	[Symbol]	WALL
[Symbol]	[Symbol]	WHEELSTOP
[Symbol]	[Symbol]	BOLLARD
[Symbol]	[Symbol]	HANDICAP SPACE
[Symbol]	[Symbol]	CONTOUR
[Symbol]	[Symbol]	HIGHPOINT
[Symbol]	[Symbol]	SWALE
[Symbol]	[Symbol]	DIRECTION OF FLOW
[Symbol]	[Symbol]	RIP RAP/GABION
[Symbol]	[Symbol]	FINISH FLOOR ELEVATION
[Symbol]	[Symbol]	SPOT ELEVATION
[Symbol]	[Symbol]	GUTTER ELEVATION
[Symbol]	[Symbol]	TOP OF CURB ELEVATION
[Symbol]	[Symbol]	TOP OF STORM GRATE ELEVATION
[Symbol]	[Symbol]	TREE TO BE SAVED
[Symbol]	[Symbol]	W/ 1/2 CRITICAL ROOT ZONE
[Symbol]	[Symbol]	HERITAGE TREE TO BE SAVED
[Symbol]	[Symbol]	W/ 1/2 CRITICAL ROOT ZONE

- ### GRADING NOTES
1. TOPOGRAPHIC INFORMATION IS TAKEN FROM AN ON THE GROUND TOPOGRAPHIC SURVEY PREPARED BY STANTEC ON SEPTEMBER 28, 2017.
  2. IF CONTRACTOR FINDS A DISCREPANCY WITH THE TOPOGRAPHIC INFORMATION ON THESE PLANS, HE/SHE SHOULD CONTACT THE CONSTRUCTION MANAGER/SUPERVISOR IMMEDIATELY.
  3. EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
  4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO DRAIN.
  5. ANY TEMPORARY SPOOLS STOODLE MUST BE LOCATED OUTSIDE OF ANY TREE DRILPLINES AND IN THE TEMPORARY SPOIL AREA DESIGNATED ON THE APPROVED PLANS. ALL SURPLUS MATERIAL SHALL BE DEPOSITED OFF SITE.
  6. THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EXCAVATED MATERIAL FROM THE SITE WITHOUT NOTIFYING THE CITY OF AUSTIN ENVIRONMENTAL INSPECTION AT (512) 974-2278 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE REMOVAL. THIS NOTIFICATION SHALL INCLUDE THE DISPOSAL LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL.
  7. ALL DEBRIS AND EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE IN A MANNER NOT TO DAMAGE THE OWNER'S PRIOR ACCEPTANCE OF THE PROJECT.
  8. THE GEOTECHNICAL ENGINEER SHALL APPROVE, ALL FILL MATERIAL PROVIDED PRIOR TO PLACING AND COMPACTING. THE PLASTICITY INDEX MUST BE LESS THAN 15.
  9. UNLESS NOTED OTHERWISE, SPREAD FILL MATERIAL IN 8-INCH LIFTS AND COMPACT EACH LIFT TO 95% TO 100% OF THE MAXIMUM DENSITY, AS DETERMINED BY THE SHORPT METHOD TEX 113-E, WITHIN +/- 3% OF THE OPTIMUM MOISTURE CONTENT FOR ALL PLACEMENT OF FILL MATERIAL.
  10. A GEOTECHNICAL ENGINEER MUST PREPARE GEOTECHNICAL RECOMMENDATIONS AND PROVIDE A COPY TO THE CIVIL ENGINEER FOR PLACEMENT OF FILL FOR BERMS, DRAINAGE SWALES, CHANNELS, FILTER PONDS, DETENTION POND, AND OTHER SIMILAR AREAS.
  11. ALL SLOPES GREATER THAN 3 TO 1 SHALL BE STABILIZED BY RIP RAP OR OTHER APPROVED METHODS. A STRUCTURAL ENGINEER MUST PROVIDE DETAILS FOR CONCRETE OR ROCK RIP RAP. EARTH SLOPES GREATER THAN 3 TO 1 WILL REQUIRE RECOMMENDATIONS FROM A GEOTECHNICAL ENGINEER.
  12. DO NOT DO OR GRADE WITHIN 15 FEET OF THE TRANSMISSION STRUCTURES. GRADING AROUND ELECTRIC TRANSMISSION STRUCTURES MUST BE COORDINATED WITH AUSTIN ENERGY PRIOR TO COMMENCEMENT OF GRADING. CALL DOWNS WISE AT 512.505.7023 TO SCHEDULE A MEETING.
  13. IF CONTRACTOR FINDS A DISCREPANCY WITH THE TOPOGRAPHIC INFORMATION ON THESE PLANS, HE/SHE SHALL CONTACT THE CONSTRUCTION MANAGER/SUPERVISOR IMMEDIATELY.
  14. GRADING IMPACTS WITHIN THE HALF CRITICAL ROOT ZONE OF HERITAGE TREES SHALL BE NO GREATER THAN 4".
  15. FOR GRADING DETAILS OUTSIDE THE BACK OF CURB LIMITS, REFER TO LANDSCAPE ARCHITECTURAL PLANS. CONTOURS SHOWN ON THESE PLANS OUTSIDE THE BACK OF CURB LIMITS ARE FOR REFERENCE PURPOSES ONLY.
  16. FOR DESIGN OF RETAINING WALLS, REFER TO STRUCTURAL ENGINEER.
  17. THIS SITE IS NOT WITHIN THE EDWARDS AQUIFER RECHARGE ZONE OR CONTRIBUTING ZONE; HOWEVER, PLEASE BE ADVISED THAT SHALLOW OR PERCHED GROUNDWATER IS PRESENT IN THIS AREA AND MAY BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCURRED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

### ACCESSIBILITY NOTES

1. SLOPES ON ACCESSIBLE ROUTES MAY NOT EXCEED 1:20 UNLESS DESIGNED AS A RAMP. [TAS 405.2]
2. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION IS 1:12 [TAS 405.2] THE MAXIMUM RISE FOR ANY RAMP RUN IS 30 IN. [TAS 405.3]
3. ACCESSIBLE ROUTES MUST HAVE A CROSS-SLOPE NO GREATER THAN 1:48. [TAS 405.3]
4. GROUND SURFACES ALONG ACCESSIBLE ROUTES MUST BE STABLE, FIRM, AND SLIP RESISTANT. [TAS 302.1]
5. HANDRAILS SHALL BE INSTALLED ALONG PEDESTRIAN WALKWAYS WHERE THE WALL DROP OFFS ARE 30" OR GREATER.
6. ACCESSIBLE PARKING SPACES MUST BE LOCATED ON A SURFACE WITH A SLOPE NOT EXCEEDING 1:50.

#### SITE PLAN APPROVAL

Sheet 27 of 59  
FILE NUMBER: 2017-0503C-001 APPLICATION DATE: 09/28/2017  
APPROVED BY COMMISSION ON: N/A UNDER SECTION 11A OF CHAPTER 206 OF THE CITY OF AUSTIN CODE.  
EXPIRATION DATE: 06-30-2020 CASE MANAGER: C. BATES  
PROJECT EXPIRATION DATE: 06/30/2020-1 DDZ

Director, Development Services Department  
RELEASED FOR GENERAL COMPLIANCE: [Signature]  
Rev. 1. Correction 1  
Rev. 2. Correction 2  
Rev. 3. Correction 3

FINAL PLAN MUST BE RECORDED BY THE PROJECT EXPIRATION DATE. IF APPLICABLE. SUBSEQUENT SITE PLANS WHICH DO NOT COMPLY WITH THE CODE CURRENTLY IN EFFECT AT THE TIME OF RECORDING AND ALL REQUIRED BUILDING PERMITS AND/OR A NOTICE OF CONSTRUCTION (IF A BUILDING PERMIT IS NOT REQUIRED), MUST ALSO BE APPROVED PRIOR TO THE PROJECT EXPIRATION DATE.

1905 Aldrich Street, Suite 300  
Austin, TX 78723-3544  
TBE # F-4324 TBE#S # 1014230  
www.stantec.com

Client/Project: HOUSING AUTHORITY OF THE CITY OF AUSTIN  
Permit/Seq: PATHWAYS AT GOODRICH PLACE  
2126 GOODRICH AVENUE  
AUSTIN, TEXAS

Title: STORM SEWER PLAN A

Project Number: 222010805  
File Name: 222010805sp02.dwg

Dwn: Chkd: Dgn: YTM/DD  
Drawing No. DWGNO  
Revision Sheet

9/27/2017 10:52:00 AM  
20170210 10:52:00 AM  
20170210 10:52:00 AM

1905 Aldrich Street, Suite 300  
Austin, TX 78723-3544  
TBE # F-4324 TBE#S # 1014230  
www.stantec.com

The Contractor and user are responsible for all drawings. DO NOT scale drawings. Reproduction of drawings for any purpose other than that authorized by Stantec is forbidden.