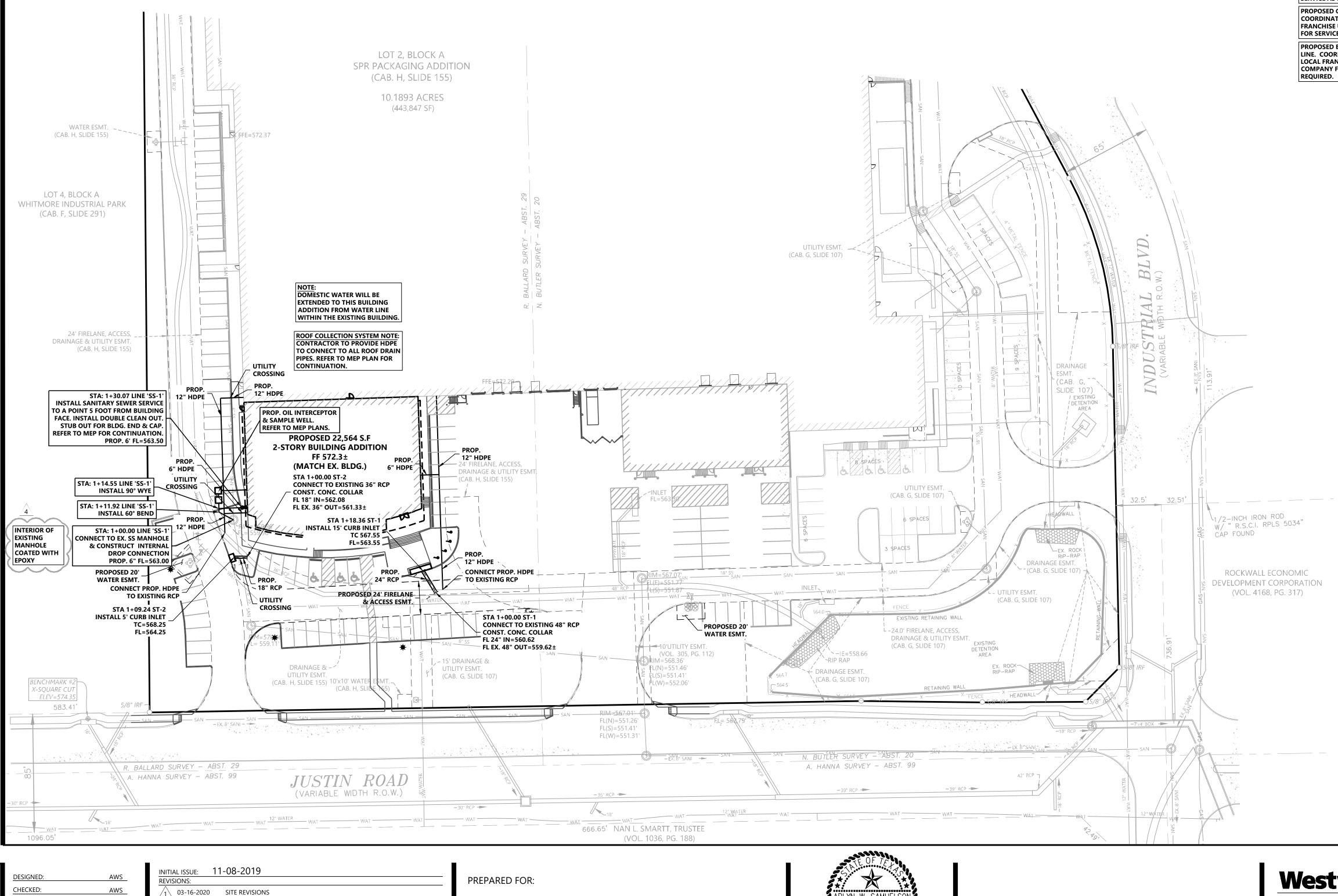
Line	Run-Off Collection Point		Dist Between				Accum-	Time of Upstream	Design Storm	Rainfall	all Water		5	Storm Sewer	Storm F				Mann.	Velocity			of Capacity			Type of Junction	Vel H _L Lateral Upstream	Vel H _L Structure	Inlet & Bend Ef	Effective	Flow Time [Upstream	
Desc.	Upstream Station	Downstream Station	Collection Points	D A (Ac)	Runoff Coeff, C	Incr CA	ulated CA	Station (Min)	Frequency (yrs)	l (In/Hr)	Run-off, Q (CFS)	Run-off, Q (CFS)	of Barrels		Span (ft	Rise (ft)	Wall T, ir	Pipe %, (Ft/Ft)	Coeff. (n)	Pipe, V (fps)	Capacity (fps)	Grad. Sf (Ft/Ft)	of Storm, Q (CFS)	Loss, L*Sf	Loss Coeff. Kj	(L,S,B,I) or P	$(V_2^2/2g)$ - $(V_1^2/2g)$	$(V_2^2/2g)$ - K _j (V ₁ 2/2g)	Kj*(V ² /2g) (ft)	Loss (ft)	(V*60) (Min)	am Station (Min)	stream HGL	HGL	
1	2	3	4	6	7	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
																											L	S	B, I						·
Line ST-1	118.36	100.00	18.36	1.5600	0.90	1.40	1.40	10.00	100-yr	9.80	13.76	13.76	1	24	0	0	0	15.96%	0.013	4.38	28.77	0.0037	90.38	0.07	1.50	I	0.30	0.30	0.45	0.45	0.07	10.07	564.07	564.51	, <u> </u>
																																			1
Line ST-2	109.24	100.00	9.24	0.6600	0.90	0.59	0.59	10.00	100-yr	9.80	5.82	5.82	1	18	0	0	0	23.48%	0.013	3.29	28.80	0.0031	50.90	0.03	1.50	I	0.17	0.17	0.25	0.25	0.05	10.05	564.43	564.68	



DESIGNED: AWS	INITIAL ISSUE: 11-08-2019 REVISIONS:	PREPARED FOR:
CHECKED: AWS	1 03-16-2020 SITE REVISIONS	
DRAWN: WTW	05-13-2020 FOR CONSTRUCTION	PROSS DESIGI
HORIZONTAL SCALE: ###	2 12-16-2020 REMOVE AND REPLACE SIDEWALK ALONG JUSTIN ROAD	5310 HARVEST HI
VERTICAL SCALE: ## or ##	3 02-05-2021 REVISED ENTRY PLAZA AREA	DALLAS, T
	4 02-08-2021 RECORD DRAWINGS	

N GROUP, INC. LL ROAD, SUITE 180 EXAS 75230

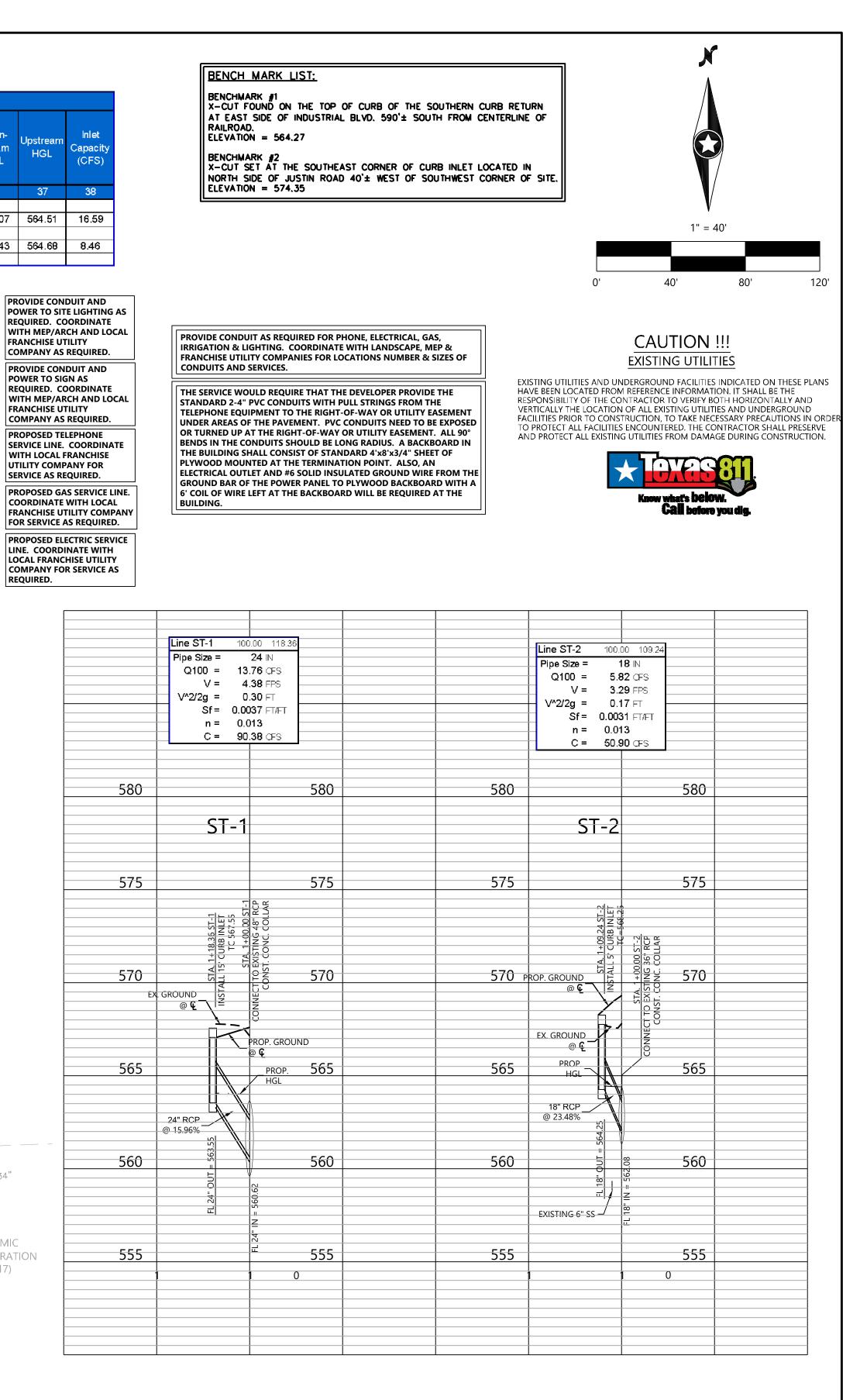


ROCKWALL, TEXAS

SPR OFFICE ADDITION



westwoodps.com



ADDITION SPR OFFICE /

SHEET NUMBER:

UTILITY PLAN

RECORD DRAWINGS

5.01

PROJECT NUMBER: 0014830-02 DATE: 11-08-2019

WAS THE INTENT THAT THE IMPROVEMENTS SHOWN BE CONSTRUCTED ACCORDING O THESE PLANS AS APPROVED BY THE CITY. THE LINES AND GRADES WERE SET ON

HE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY INSPECTED HE CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE

PLANS DURING CONSTRUCTION OTHER THAN THOSE SHOWN. TO THE BEST OF OUR

(NOWLEDGE, WESTWOOD PROFESSIONAL SERVICES, INC. HEREBY STATES THAT THIS

AND INFORMATION PROVIDED BY THE CONTRACTOR. DATE: 02-08-2021

PLANS IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE