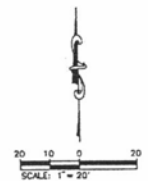


SITE DEVELOPMENT NOTES

1. This drawing shows proposed building location, underground piping, pavement, fencing and related site improvements. Refer to Plan Sheets C-3 and C-4 for site grading, landscaping and erosion controls. Refer to electrical site plan for proposed electrical service to structure. Bid items shall conform with City of Austin City Standard Specifications, 2007 Edition.
2. Construct approximately 30 LF of 8" PVC and ductile iron pipe between retaining wall top and proposed control building. Remove existing 8" pipe from west side of lot. Transition from 8" PVC to 8" ductile iron at approximately 8' south of building line. Refer to pipe profile on sheet C-3. Install 17 1/2" wide grade for structural protection on transition assembly.
3. Remove and dispose of approximately 400 LF of 8" chain link fencing at east and south sides of reservoir enclosure. Remove and dispose of post footings, and backfill holes.
4. Construct approximately 19' LF of 4" Manhole to PCC drain pipe from control building to surface discharge at pipe discharge headwall. Refer to sheet C-3 for pipe profile and discharge headwall detail.
5. Construct PCC driveway and parking lot per typical sections on sheet C-3. Total PCC pavement area shown on plan is approximately 1798 SF, including curb. Remove edge of existing concrete pavement, approximately 38 LF, at north to existing pavement at Skyline Drive and construct AC transition between Skyline Dr. and PCC driveway. Total area of AC transition surfacing is 282 SF. Provide sections for PCC and AC driveway at PCC, 4" AC (Class 9.1) at appropriate mean courses.
6. Construct 240 LF of 8" chain link fence with 10' vehicular gate at reservoir perimeter, chain link fabric, post and accessories shall be color coated per detail and notes. Note 3000.
7. Existing overhead power line and TV cable at control building to be remain in service. Clearance from ground to lowest conductor is 18 feet. Contractor shall exercise caution around power lines.
8. Existing 8" Reservoir water main is to remain in service during construction of new control building. Refer to process piping plans for detailed procedures for diversion via piping to existing building at the control building and for maintaining services in existing 8" main during construction.
9. Existing concrete valve pit is to remain in service during construction of new control building. Refer to sheet D-1 for demolition plan for valve pit after new control building is placed into service.
10. Construct segmental masonry retaining wall at parking area. Refer to grading plan for top of wall elevations and overall plan sheet C-3 for wall elevation view. Total face area of retaining walls, including buried portion and coping with 18" thick rim:

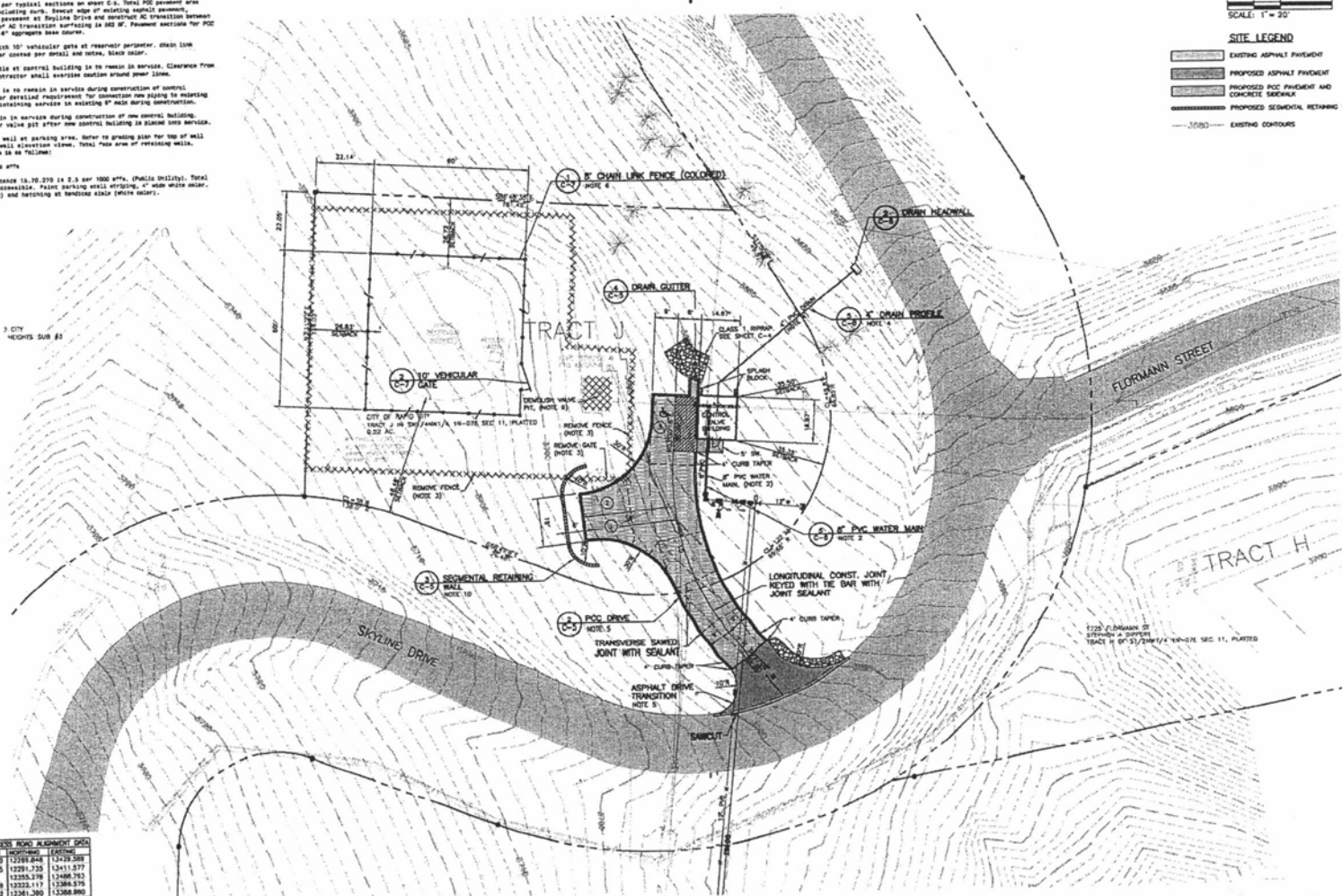
segmental retaining wall area: 184.4 sq ft

11. 20' deep parking ramped ear apron 15.70.270 is 2.3 per 1000 slope. (Public Utility). Total parking provided is 3, one way ramped accessible. Paint parking stall striping, 4" wide white wheel. Paint handicap parking symbol (blue/white) and markings at handcap stalls (white color).



SITE LEGEND

[Pattern: Dotted]	EXISTING ASPHALT PAVEMENT
[Pattern: Horizontal Lines]	PROPOSED ASPHALT PAVEMENT
[Pattern: Vertical Lines]	PROPOSED PCC PAVEMENT AND CONCRETE SEGMENT
[Pattern: Diagonal Lines]	PROPOSED SEGMENTAL RETAINING WALL
[Pattern: Dashed]	EXISTING CONTOURS



CONTROL BUILDING ACCESS ROW ALIGNMENT DATA

DESCRIPTION	STATION	RIGHT-OF-WAY	DATE
TOP	1+00.00	12291.848	12-12-08
PC	0+28.35	12291.735	12-11-17
PI	0+47.66	12355.979	12-08-12
PT	1+63.32	12322.117	12-08-12
TOP	1+29.71	12261.290	12-08-12

CONTROL BUILDING ACCESS ROAD CURVE DATA

NAME/ID	START CHORD BEARING	END CHORD BEARING	CHORD LENGTH	CHORD LENGTH
C1	149°27'37"	171°48'29"	1106.00	124.87
C2				124.93

Public Works Department
 1800 Colorado Oaks
 Round Rock, TX 78739
 Phone: (800) 241-2300
 www.austintexas.gov

ce tec

REGISTERED PROFESSIONAL ENGINEER
 REG. NO. 46672
 2780 GREGORY M.
 WOODRICK
 ROUND ROCK, TX 78739

Scale: AS NOTED
 Design: RFP
 Design Date: 4/19
 Issue Date: 2-19-10
 Internal Job No: 09/28/09
 Project No: K07C14
 Survey Date: 10/09
 Revision:

KEPP'S RESERVOIR CONTROL VALVE STATION

Sheet Title: **SITE PLAN**

Sheet: **C-2**

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