

July 10, 2015

Bob Galati
City Engineer
City of Sherwood
22560 SW Pine Street
Sherwood, OR 97140

RE: Woodhaven Park Phase II – Access Spacing Design Exception

CITY OF SHEWOOD ENGINEERING DESIGN AND STANDARD DETAILS MANUAL
REQUEST FOR EXCEPTION

The following is a request for exception as required per Section 145.1.2 to the City of Sherwood Engineering Design and Standard Details Manual to Section **210.8 Driveways** and Municipal Code Section **16.106.040 M Vehicular Access Management**.

Describe Request: Reduce the minimum distance between face of curb of intersecting street and nearside edge of driveway to 180'.

Design Element	Standard	Proposed
Driveway Corner Clearance	200' (40 mph)	180' (40 mph)
Vehicular Access Management	600'	180'

Reason(s): The layout of the phase 1 improvements to Woodhaven Park were completed in the southwest corner of the park adjacent to the intersection of SW Sunset Boulevard and SW Pinehurst Drive. As part of the phase 2 improvements there is a desire to have the new parking lot located adjacent to the phase 1 playground improvements to encourage use of the parking and limit the distance to the playground. The parking lot is planned to be a one-way parking lot with the driveway located 180' from the intersection being exit only and the entry driveway being 370' from the intersection.

The Engineering Design and Standard Details Manual Section 210.8 covers the recommended corner clearance distances for driveways. SW Sunset Boulevard designated an arterial and the design speed is 40 mph (35 mph posted) which corresponds to a minimum corner clearance distance of 200'. The driveway is located 180' from the intersection to match the existing layout of the site including proximity to play area and minimizing disturbance of the grass play field. The 180' distance corresponds to the minimum corner clearance for a 35 mph design speed. This

reduction is justified because the intersection of SW Sunset Boulevard and SW Pinehurst Drive is stop controlled, so vehicle speeds are reduced.

The Municipal Code Section 16.106.040 M covers vehicular access management spacing. Per the code, the recommended spacing of driveways from an intersection on a minor arterial is 600'. This is a recommended spacing for access control along an arterial corridor. SW Sunset Boulevard, while designated as an arterial, operates more like a collector. The stop controlled condition at SW Pinehurst Drive is one example of how SW Sunset Boulevard operates like a collector. Since the 600' spacing does not fit the context of the corridor and the project has demonstrated an acceptable driveway spacing to meet the Engineering Design Manual, we request a design exception to this standard.

There are no anticipated impacts on public safety.

Attached: Access Exhibit

HARPER HOUF PETERSON RIGHELLIS INC.

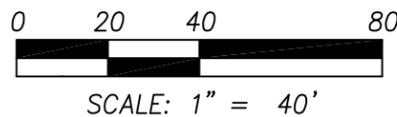
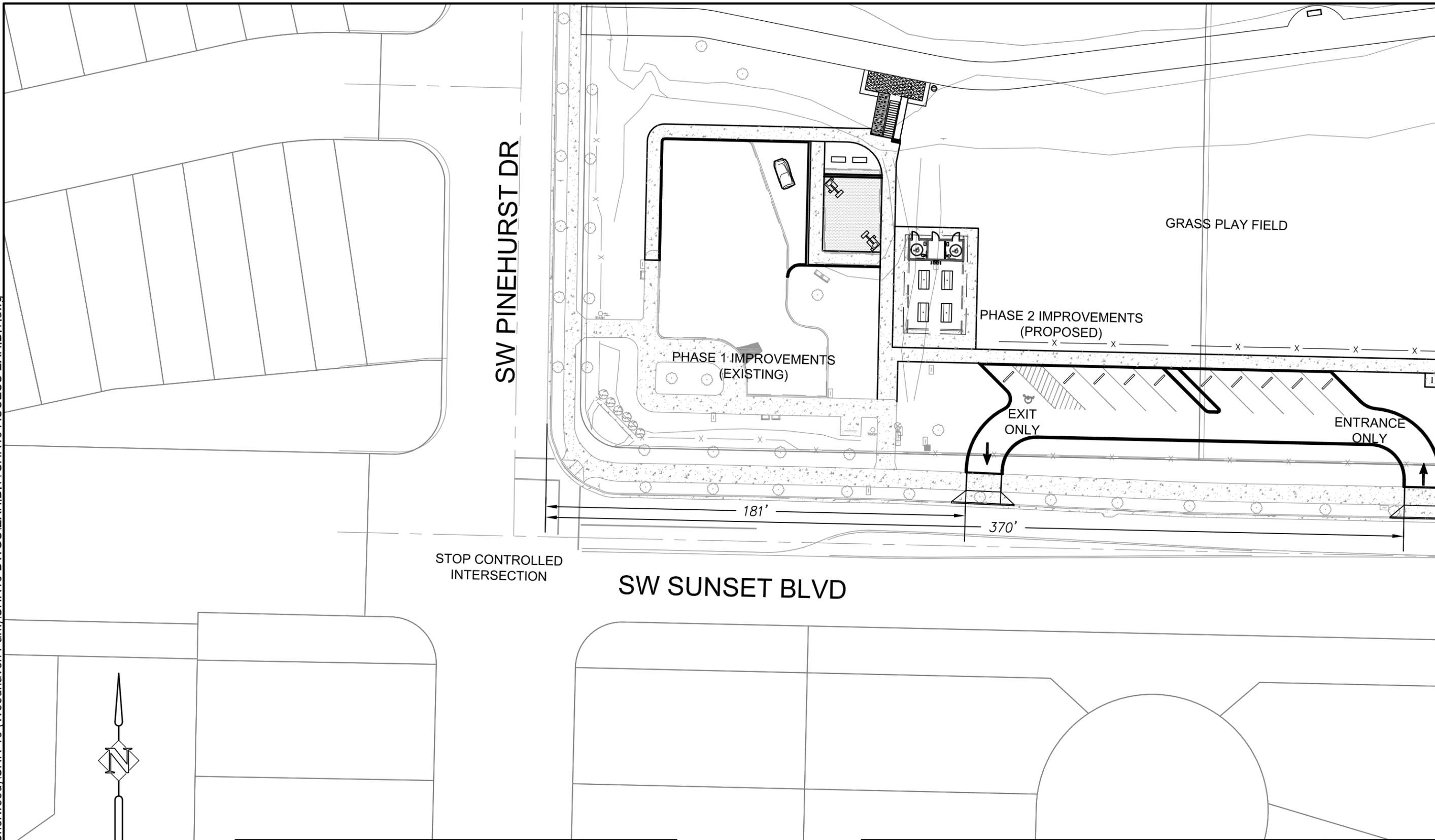


EXPIRES: 12/31/15

Ben Austin, PE



P:\SHR (City of Sherwood)\SHR-13 (Woodhaven Park)\SHR13-DWGS\EXHIBIT\SHR13-ACCESS EXHIBIT.dwg



DATE	NO.	DESCRIPTION
R E V I S I O N S		

DESIGNED:	
DRAWN:	
CHECKED:	
DATE:	7-2015

HHPR Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

ACCESS EXHIBIT
WOODHAVEN PARK PH 2
SHERWOOD, OR

SHEET NO.	1
JOB NO.	SHR-13