

City of Puyallup **Planning Division** 333 S. Meridian, Puyallup, WA 98371 (253) 864-4165 www.cityofpuyallup.org

July 28, 2023

CES NW Inc. 29th St. NE, suite D Puyallup, WA 98372

DEVELOPMENT REVIEW TEA	M (DRT) LETTER
DRT #	2
PERMIT #	P-18-0040
PROJECT NAME	SUNSET POINTE
PERMIT TYPE	Preliminary Major Plat
PROJECT DESCRIPTION	** SUNSET POINTE MAJOR PLAT **
	AMR E-18-0166
SITE ADDRESS	2301 23RD ST SE ;
PARCEL #	0420353027;
ASSOCIATED LAND USE PERMIT(S)	
APPLICATION DATE	March 15, 2018
APPLICATION COMPLETE DATE	
PROJECT STATUS	Active Development Review Team (DRT) review case – resubmittal required. Please address review comments below and resubmit revised permit materials and by responding in writing to the remaining items that need to be addressed.
APPROVAL EXPIRATION	N/A – Active permit application, not approved
CONDITIONS	Active permit application, not approved;
	Pursuant to PMC 20.11.022 regarding inactive applications, any and all pending land use applications or plat applications shall be deemed null and void unless a timely re-submittal is made to the City within 1 year of issuance of this Development Review Team (DRT) comment letter. DRT review letters typically identify requested corrections, studies or other additional required pieces of information necessary to demonstrate conformance with the City's adopted development standards and codes.

Subsequent applicant re-submittals shall make a good faith effort to respond to each request from this letter in order for the application to remain active. The failure to provide timely responses or lack of providing the requested material(s) within the 1-year window following DRT comment letter issuance shall be grounds for expiration, thus deeming the pending application null and void with or without a full or partial refund of application fees.

The City has completed the review of the above-mentioned permit submittal. All of your review comments, conditions, and redlined plans can be found on the City's permit portal. Redlined plans can be found on the City's Permit Portal in the "Reviews" section under "Documents Returned for Corrections". Below please find the permit submittal review comments from your review team and re-submittal instructions. Should you have any questions regarding the review comments, please contact the plan reviewer associated with the comment listed below.

Re-submittal Instructions

To resubmit, you must respond to all comments in a written response letter and submit a letter of transmittal. Letter of transmittal and response letter must be submitted to the 'Correction Response Letter' item listed in the submittal items list. Avoid using "upload additional docs" unless there is NO submittal item available for your document. Please Note: If you do not resubmit as instructed your re-submittal will be rejected. If you have any questions about how to resubmit, please contact the permit center at permitcenter@puyallupwa.gov.

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Log in to your permits portal and navigate to the<u>status page</u> for this permit. Under the 'Upload Documents' section, select 'click here to upload document'.

- Por each submittal item listed re-submit a new version of the submittal item by clicking the "New Version" button next to the file name of the original file submitted. DO NOT click the 'browse' button unless the document you are submitting for that submittal item is not a new version of the originally submitted document.
 - Click 'Upload Documents' at bottom of the page.

How to use this letter

This review letter includes two sections: "Corrections" and "Conditions".

The **"Corrections"** section includes all items that the applicant must address to comply with the Puyallup Municipal Code (PMC) and city standards. Items listed in under **Action Items** require a resubmittal under this permit for further review by the Development Review Team (DRT); your application is not approved. Please make those updates to the proposed plans and resubmit for review. Please include a response letter outlining how you have revised your proposal to meet these items for ease of plan check by DRT members.

The "**Conditions**" are items that will govern the final permit submittal(s) for the project. Please be aware that these conditions will become conditions of the final permits and/or recommendations to the Hearing Examiner, if applicable.

If you have questions regarding the action items or conditions outlined in this letter, please contact the appropriate staff member directly using the phone number and/or email provided.

Corrections

Planning Review - Chris Beale; (253) 841-5418; CBeale@PuyallupWA.gov

The site appears to be marked as PENDING CLEAN UP for site contamination with the Tacoma Pierce County Health Department (TPCHD); previous SEPA comments from Ecology also indicate environmental clean up issues (see Ecology letter dated April, 2018). SEPA mitigation conditions are forthcoming regarding site environmental assessment, and possible site clean up at the direction of Ecology, to be addressed at the time of civil review. Applicant must coordinate with Ecology and/or TPCHD to resolve. February, 2022 staff follow up comment to this correct: The Ecology clean up report data was obtained in 2020 (Ecology clean up ID 11739). Also see the Ecology SEPA comment letter with requirements (dated April 27, 2018) under the Toxic Clean ups section. The response report (Environmental associates phase 1 report, dated January 14, 2005) provided does not resolve this comment. Please contact the Toxic Clean ups coordinator and Ecology and obtain updated guidance on needed remediation steps to resolve site contamination issues and provide upon resubmittal.

UPDATED COMMENT: (July 28, 2023) Staff has reviewed the Phase I Environmental Site Assessment of the site by Earth Solutions NW and transmitted the report to Ecology for review under SEPA. Ecology provided a response on July 26, 2023 - see file in documents and images. We will require pollution in the environment be cleaned up in compliance with WAC 173-340 before allowing any grading, filling, or other construction activities at the site. or an independent cleanup conducted under WAC 173-340-515, the cleanup would be complete when a no further action opinion (NFA) letter is issued under WAC 173-340-515(5)(b). Please follow up with a response to the Ecology email with a plan of action on the part of the owner/applicant to address the recommendations from the Toxic Cleanup program staff.

 At the time of civil permit application, the applicant shall provide an access and grading plan for proposed lots 7 and 8 that demonstrates access drive will not exceed 10% slope, that storm water design will direct water to the proposed dispersion area to the west and that retaining walls needed to support access to lots 7 and 8 meet the retaining wall codes (PMC 19.12.070 (3) and PMC 20.58.005 (2)). The access tract may need to shift south to avoid conflicts and meet code which may impact final plat layout. See corresponding comments from Fire Prevention and Engineering.

UPDATED COMMENT: (July 28, 2023) Staff has reviewed the preliminary exhibit and cannot determine if the wall proposed will meet the setback and height regulations in PMC 19.12.070 (3) and PMC 20.58.005 (2). See mark ups. The feasibility of lot 8 appears dependent upon tract c access and grading and walls.

 All pedestrian walkways shall be dedicated as use by the public at the time of final plat; the walk way between lots 14/15, site wetlands, lots 3/5 will be a public right of way dedication at the time of final plat. These walkways shall be 15' wide right of way, and fully improved with blacktop asphalt or other approved surfacing by Public Works, 10' wide improved surface, with 24" gravel shoulders, access restrictions (bollards or other method as approved by Public Works) and landscaping, at the time of civil permitting.

UPDATED COMMENT: (July 28, 2023) These do not appear to be called out as ROW dedication and are not shown as improved as required. Please note this will be a condition of recommended approval.

- Other conditions outlined in the December, 2020 DRT letter remain in effect and will be carried forward to the Hearing Examiner once all issues related to the plat are resolved.
- Confirm that the NGPA will not be disturbed during site grading. Its not clear if a retaining wall is proposed or a storm drainage line? [R6-02 Prelim plat sheet P2, planning comment]
- Confirm the height and setback of this wall meets PMC 20.58.005 (2). The feasibility of lot 8 appears dependent upon tract c access and grading and walls. [R6-02 Prelim plat sheet P2, planning comment]
- Add a list of tracts and purpose of each tract to the cover sheet. Please note that tract E, the trail area between pond A and B and trail along west side of tract B are required to be dedicated as public right of way [R6-02 Prelim plat sheet 1, planning comment]
- Note condition from December 2020 letter that applies to this connection between Highlands DR and 19th Ave extension. Public right of way dedication of 80' for future roadway connection from the extended 19th Ave to Highlands Drive shall be provided at the time of final plat on parcel A; [R6-02 Prelim plat sheet 1, planning comment]

Engineering Review - Jamie Carter; (253) 435-3616; JCarter@puyallupwa.gov

 NOTE TO DESIGNER: As this project has a lot of history and several reviews/reviewers, on this round of Major Plat Review we have included many notes regarding plat layout and construction. This is to ensure that notes from previous reviews are not lost or forgotten. Many of these engineering comments do not require responses or corrections and are included as reminders or placeholders for items and design concepts that shall be included with the civil submittal. Other comments will require clarification or correction for this phase of development review. Please review the notes thoroughly in order to reduce subsequent submittals and review times. • STORM GENERAL

- Development and redevelopment projects are required to employ, wherever feasable, Low Impact Development practices to meet the design criteria set forth in PMC 21.10.190 and the Ecology Manual.

- Public ROW runoff shall be detained and treated independently from proposed private stormwater facilities. This shall be accomplished by providing separate publicly maintained storm facilities within a tract or dedicated ROW; enlarging the private facilities to account for bypass runoff; or other methods as approved by the City Engineer. PMC 21.10.190(3).

- At the time of civil permit application the applicant is responsible for submitting a permanent stormwater management plan which meets the design requirements provided by PMC 21.10. The plan and accompanying information shall provide sufficient information to evaluate the environmental characteristics of the affected areas, the potential impacts of the proposed development on surface water resources, and the effectiveness and acceptability of measures proposed for managing storm water runoff. The findings, existing and proposed impervious areas, facility sizing, and overflow control shall be summarized in a written report. PMC 21.10.190, 21.10.060.

- In the event that during civil design there is insufficient room for proposed stormwater facilities in the area(s) shown on the plat, the stormwater area(s) shall be increased as necessary so that the final design will be in compliance with city and state standards. This may result in the number of lots being reduced, or a reduction in other site amenities. PMC 21.10.060(4), PMC 21.10.150.

- At the time of preliminary plat construction all storm drains shall be signed according to City of Puyallup Design Standard 204.11.

- All private storm drainage facilities shall be covered by a maintenance agreement provided by the city and recorded by Pierce County. Under this agreement, if the owner fails to properly maintain the facilities, the city, after giving the owner notice, may perform necessary maintenance at the owners expense. PMC 21.10.270

- Erosion control measures for this site will be critical. A comprehensive erosion control plan will be required as part of the civil permit application.

- Prior to the final plat being accepted by the city, all disturbed areas within the site shall be stabilized to the satisfaction of the City Engineer.

- A Stormwater System Development Charge (SDC) will be assessed for each new Single Family Residence (SFR). The current SDC as of this writing is \$4,013.00 per unit. Stormwater SDCs are due at the time of site development permit, or in the case where no site development permit is required, at the time of building permit issuance for the individual lot(s), and the fees do not vest until the time of site development permit issuance, or at the time of building permit issuance in the case where a site development permit is not required.

- A Construction Stormwater General Permit shall be obtained from the Washington State Department of Ecology if any land disturbing activities will disturb one or more acres of land, or are part of a larger common plat of development or sale that will ultimately disturb one or more acres of land.

• FULL DISPERSION - The concept of FULL DISPERSION is acceptable to the City and is a preferred method of controlling runoff. However, there are specific design standards laid out by the ECY Manual that have to be met in order to qualify the design. The Drainage Report at CIVIL SUBMITTAL must clearly demonstrate how the design will achieve these requirements. Specifically:

-According to the 2019 SWMMWW the design must be laid out to allow the runoff from the impervious or cleared areas to fully disperse into the preserved area, meaning that the flows cannot be intercepted by PIPES, ditches, streams, rivers, lakes, or wetlands. See BMP T5.30.

-The entire parcel set aside for dispersion must be in an easement or be dedicated to the City. Showing the 100 foot flow path is correct for stormwater analysis, but the entire parcel is to be preserved.

-Specify that the project is using FULL DISPERSION FROM ROADWAY SURFACES under BMP T5.30 to mitigate roofs and driveways. Address each bullet (requirement) from that section in detail or describe how the roof and driveway runoff will be otherwise conveyed and dispersed through the preserved parcel.

-Refer to FULL DISPERSION FROM CLEARED AREAS IN RESIDENTIAL PROJECTS for requirements related to landscaped and cleared areas. Address each bullet from that section in detail or describe how the cleared areas will be dispersed through the preserved parcel.

-What is the true size of the proposed preserved parcel? Page 8 of the stormwater report says 10.74 while other docs claim about 11.13. GIS says 10.77. Measure the parcel POST-DEDICATION and use that number for the 10% impervious area within a dispersion basin calculation.

• RECHARGE BASIN - This project basin ultimately discharges to existing wetlands/ponds within the development. To that end the project must demonstrate compliance with the following conditions:

- Document the tributary area to the wetland/ponds and provide an analysis of surface water elevations and volume using a continuous runoff model for the 100-year recurrence interval developed condition.

- Any developed flows to the ponds shall match the pre-developed flowrates for the 2-

, 10-, and 100-year recurrence interval flows.

- The overflow route from the wetlands/ponds shall be analyzed, using the fully developed contributing basin and any potential adverse impacts shall be identified and mitigated.

- Provide hydroperiod analysis in accordance with the ECY Manual MR#8 and Appendix I-C.

• RECHARGE BASIN - Will roofs from lots 16-18 be hard piped to manifold in back of lots? Is manifold to be installed in "forrested" area? How will runoff from Lots 9-12 drain to the buffer?

Case # PRECEMARGE BASIN - Minor discrepensies persist between the Basin Maps alf agence 28

model. Lawn is 0.76 on Basin Map and is modeled as 0.543 acres. Totals do not match: 5.45 acres on the map and 5.238 acres modeled. Clarify or revise.

- RECHARGE BASIN: Existing culverts should be analyzed in conjunction with the recharge of the ponds/wetlands for proper capacity based on the developed condition. The analysis shall be enhanced prior to civil submittal to include details about the proposed control structures and the specific inputs and outflows to the existing ponds/wetlands.
- ROADWAY BASIN 23rd St PI SE Model this basin like the recharge basin. Clearly step through each phase of the drainage (ex: lawn->forest->buffer->pond) for both routes (23rd St PI SE and through the buffer behind Lot 15). Current modeling shows that mitigated flows exceed pre-developed flows. Provide more information and show the graph of the mitigated versus the pre-developed. Incorporate the model results into the Hydroperiod Analysis and clearly illustrate the nexus between the two.
- GROUNDWATER MONITORING PROGRAM Clarify for reviewers the results of the groundwater monitoring program. The purpose is to record the highest and median groundwater levels in order for the project to be allowed to exclude infiltration from the design (in this case). In TP-104 the peak depth is recorded, but the peak groundwater level would correspond with the smallest depth BGS recorded thus revealing the highest elevation that the groundwater reached. Also, it is unclear to reviewers why the other 2 wells (TP-201 and TP-202) were only dug to depths that represent a level that is just above all recorded groundwater levels resulting in negative (?) depths to groundwater and N/A readings in the table. If the level of the water is known can it not be reported and analyzed? Revise or clarify.
- Correct typo as indicated. [R6-05 Prelim Report 2023_05_23*, Page 15/281]
- Correct typo as indicated. [R6-05 Prelim Report 2023_05_23*, Page 38/281]
- Why are CB#1 and CB#2 proposed to drain directly into the City's system? Report says the roadway for 23rd St PI SE will flow to dispersion trench in Tract B. [R6-02 Preliminary Plat Plans, Sheet P2]
- Symbol not in legend. Is this a retaining wall? Provide details including drainage and structural engineering if required with civil submittal. [R6-02 Preliminary Plat Plans, Sheet P2]
- What does this shape and linetype represent? Legend shows this linetype as an easement line. [R6-02 Preliminary Plat Plans, Sheet P2]
- WATER PMC Chapter 14.02 and Puyallup Design Standards Section 300

 A new 8-inch diameter water main shall be extended into the site. The 4-inch main proposed on the plans on 23rd St PI SE may be acceptable as it is a dead-end run with no possibility of being expanded in the future. If a fire hydrant is required then the pipe will need to be upsized. Pipe for water mains shall be ductile iron conforming to Section 7-9 of the Standard Specifications.

- Water mains shall have a minimum cover of 36-inches from paved final grade in improved ROW and easements, and 48-inches of cover in unimproved ROW and easements.

- 2-inch blow off assemblies are required on dead-end water lines except where fire hydrants are installed at the dead-end. See Detail 03.06.01.

- A 3/4-inch water service shall be provided for each building lot and shall be extended 10-feet into each of the proposed lots.

- The water main shall be located generally 10 or 12-feet west or south of roadway centerlines per city standard details.

- The minimum distance between water lines and sewer lines shall be 10-feet horizontally and 18-inches vertically. If this criterion cannot be met the applicant shall isolate the sewer and water lines by encasement, shielding, or other approved methods. CS 301.1(8).

- Fire Hydrants and other appurtenances shall be placed as directed by the Puyallup Fire Code Official. Fire Hydrants shall be placed so that there is a minimum of 50-feet separation from hydrants to any building walls.

- Air relief valves are required at high points in water lines. See detail 03.07.01.

- Water valves shall be installed along the water line at a maximum spacing of 400 feet and at the intersection of lateral lines. Water valves shall be clustered generally and shall be designed and located so that each leg of the main line system can be isolated.

- Detectable marking tape shall be installed on all new water mains including water service lines. The tape shall be placed approximately 1.5 feet above the top of pipe and shall extend its full length. Detectable marking tape shall be blue in color and meet the material requirements specified in the Standard Specifications 9-15.18.

- A water systems development charge (SDC) will be assessed for each new singlefamily residence. The current amount as of this writing is \$5,218.00. SDCs are due at the time of building permit issuance and do not vest until time of permit issuance.

SEWER PMC Chapter 14.08 and Puyallup Design Standards Section 400

 The applicant shall extend the existing public sewer main located within 23rd St PI SE into the new cul-de-sac.

- 6-inch side sewers shall be extended 15 feet into the proposed lots. The depth at the property line shall be a minimum depth of 5-feet.

- Side sewers shall have a cleanout at the property line, at the building, and every 100 feet between the two points.

- A sewer systems development charge (SDC) will be assessed for each new singlefamily residence. The current amount as of this writing is \$5,218.00. SDCs are due at the time of building permit issuance and do not vest until time of permit issuance.

- TRAFFIC SCOPING WORKSHEET Traffic scoping worksheet says 15 units and current plans show 18. Update scoping document for civil submittal.
- STREETS GENERAL

- Root barriers in accordance with City Standard Detail 01.02.03 shall be installed for all street trees within 10-feet of the ROW.

- Wheel chair ramps, driveways, etc. shall be constructed in accordance with city standards and current ADA regulations. If there is a conflict between the city standards Case # P-18-0040 Page **10** of **28**

and ADA regulations, the ADA regulations shall take precedence over the city's requirements.

- A separate street lighting and channelization plan is required for the city's review as part of the civil permit review.

- The sidewalks fronting home sites within the plat shall be poured at the time the homes are built. All other sidewalks are to be poured at the time of plat development. The developer shall be responsible to post an assignment of funds to guarantee all sidewalks are poured within 18 months of final plat approval.

- The asphalt within the sub-division shall be placed in two 2-inch lifts. The first lift shall be placed prior to final plat approval. The second lift shall be delayed until 90% of the homes are built or until18 months after time of final plat, whichever occurs first. The developer shall be required to post an assignment of funds to guarantee the second lift.

- Street numbering and addressing shall be provided by Engineering Services and reflected on the final plat documents.

- Prior to final plat approval, the developer shall post a maintenance bond with the city in an amount set by the city to guarantee all workmanship for a one-year period from the time of plat completion.

- Existing private utilities that are in conflict with city maintained ROW and utilities shall be relocated outside of the traveled road section, i.e., behind the curb and under the sidewalk area at the developers expense.

- What will become of the newly created areas of 23rd St PI SE where the 'existing culde-sac is to be removed'? While these areas are dedicated to the City, they still need to be reconstructed or stabilized.
- Identify/locate and label with the AFN the storm easement depicted between 22nd St SE and 23rd St PI SE.
- Label entire 40 foot utility easement on and near 19th Ave SE on the plans. The lines are shown, but more labels/dimensions are needed.
- GRADING GENERAL

- A Grading Plan conforming to all requirements of PMC Section 21.14.120 will be required for this project during civil submittal.

- Note on the plat shall indicate: Certified safe bearing load for the building lots.

- Note on the plat shall indicate: Geotech report required for each building lot prior to issuance of a building permit for said lot.

- Cross sections will be required at various points along the property lines extending 30-feet onto adjacent properties to assure no impact from storm water damming or runoff.

• The following dedication language shall be provided on the final plat document:

- FURTHER, THE UNDERSIGNED OWNERS OF THE LAND HEREBY SUBDIVIDED, WAIVE FOR THEMSELVES, THEIR HEIRS AND ASSIGNS, AND ANY PERSON OR ENTITY DERIVING TITLE FROM THE UNDERSIGNED, ANY AND ALL CLAIMS FOR DAMAGES AGAINST THE CITY OF PUYALLUP, ITS SUCCESSORS AND ASSIGNS, WHICH MAY BE OCCASIONED TO ADJACENT LAND BY THE CONSTRUCTION, DRAINAGE OR MAINTENANCE OF DEDICATED ROADS WITHIN THIS SUBDIVISION, OTHER THAN CLAIMS RESULTING FROM INADEQUATE MAINTENANCE BY THE CITY OF PUYALLUP.

FURTHER, THE UNDERSIGNED OWNERS OF THE LAND HEREBY SUBDIVIDED, AGREE FOR THEMSELVES, THEIR HEIRS AND ASSIGNS, TO INDEMNIFY AND HOLD THE CITY OF PUYALLUP, ITS SUCCESSORS AND ASSIGNS, HARMLESS FROM ANY LOSSES, INCLUDING ANY REASONABLE COSTS OF DEFENSE, SUFFERED BY THE CITY OF PUYALLUP, ITS SUCCESSORS AND ASSIGNS, RESULTING FROM CLAIMS FOR DAMAGES BY PERSONS WITHIN OR WITHOUT THIS SUBDIVISION FINALLY ADJUDICATED TO HAVE BEEN CAUSED BY THE NEGLIGENCE OR WRONGFUL ACTS OR OMISSIONS OF THE UNDERSIGNED OWNERS, THEIR EMPLOYEES, AGENTS OR CONTRACTORS, IN ALTERING THE GROUND SURFACE, DRAINAGE OR SURFACE OR SUB-SURFACE WATER FLOWS WITHIN THIS SUBDIVISION, OR IN ESTABLISHING OR CONSTRUCTING THE ROADS WITHIN THIS SUBDIVISION.

PROVIDED, THIS WAIVER AND INDEMNIFICATION SHALL NOT APPLY TO THE EXTENT THAT ANY LIABILITY OR DAMAGES RESULT IN WHOLE OR IN PART FORM THE NEGLIGENCE OR WRONGFUL ACTS OR OMISSIONS OF THE CITY OF PUYALLUP, OR ITS EMPLOYEES, AGENTS, CONTRACTORS, SUCCESSORS OR ASSIGNS.

SUBJECT TO THE TERMS AND CONDITIONS CONTAINED HEREIN, THIS SUBDIVISION, DEDICATION, WAIVER OF CLAIMS AND AGREEMENT TO HOLD HARMLESS IS MADE WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF SAID OWNERS.

• GENERAL

- Clearly indicate that all Tracts will be dedicated to the city as open space and/or critical area. The city requires adequate provisions for access and maintenance to all public storm facilities located within these tracts and shall condition the review of the civil plans to provide it.

- Utility extensions shall be completed prior to building permit issuance.

- Benchmark and monumentation to the City of Puyallup datum (NAVD 88) will be required as part of this project/plat.

- Prior to permit approval, the applicant shall provide documentation that the United States Post Office has been contacted to coordiante mailbox locations for the project.

• Submit a comment response letter detailing how each correction has been addressed and confirming that the conditions and standards requested for future permit submittals have either been prepared or will be.

Conditions

Condition Category	Condition	Department	Condition Status
	SPECIFIC ENGINEERING CONDITIO NS OF PROJECT APPROVAL: *The project proposed to provide a protective easement of the entire Parcel 0420353009. This easement shall be in place prior to the approval of the final plat. *The project shall extend frontage improvements to the West along 19th Ave SE to tie into the existing curb line. The frontage improvements shall include curb/gutter, sidewalk, storm and half street paving. The storm improvements shall include removal of any existing facilities that don't meet current city standards and installation of required facilities for proper drainage. *Due to the onsite Wetlands the Project is required to meet minimum requirement # 8 of the 2014 ECY SWMMWW. As part of the requirement seasonal high groundwater will need to be determined to have a complete picture of the hydraulics of the Wetlands. Based on this requirement the project shall provide continuous groundwater monitoring through a minimum of one wet season as outlined in the 2014 ECY SWMMWW. *If changes to existing culvert and control structure within the wetlands are proposed as part of the project the applicant shall obtain all required Army Corp of Engineers and WDFW permits for the alterations and work with the wetlands.	Engineering Division	Open
	GENERAL ENGINEERING CONDITIONS OF PROJECT APPROVAL: The following engineering conditions are references to requirements and standards that apply to the development proposal regardless of any specific conditions noted above. This list is intended to assist the applicant with incorporating City requirements into the project design	Development & Permitting Services	Open

Condition Category	Condition	Department	Condition Status
	documents but should not be considered an exhaustive list of all necessary provisions from the Municipal Code, design standards, or the Ecology stormwater manual. GENERAL:		
	*The individual lot designations shall be identified by numerals, starting with numeral one. [PMC 19.02.100] *Indicate a 10-foot private utility easement		
	adjacent to the right-of-way line of the proposed lots. [PMC 17.42] *The following Dedication language shall be		
	provided on the final plat document: FURTHER, THE UNDERSIGNED OWNERS OF THE LAND HEREBY SUBDIVIDED, WAIVE FOR THEMSELVES, THEIR HEIRS AND ASSIGNS, AND		
	ANY PERSON OR ENTITY DERIVING TITLE FROM THE UNDERSIGNED, ANY AND ALL CLAIMS FOR DAMAGES AGAINST THE CITY OF PUYALLUP, ITS SUCCESSORS AND ASSIGNS, WHICH MAY BE		
	OCCASIONED TO ADJACENT LAND BY THE CONSTRUCTION, DRAINAGE OR MAINTENANCE OF DEDICATED ROADS WITHIN THIS SUBDIVISION, OTHER THAN CLAIMS RESULTING FROM INADEQUATE MAINTENANCE BY THE CITY		
	OF PUYALLUP. FURTHER, THE UNDERSIGNED OWNERS OF THE LAND HEREBY SUBDIVIDED, AGREE FOR		
	THEMSELVES, THEIR HEIRS AND ASSIGNS, TO INDEMNIFY AND HOLD THE CITY OF PUYALLUP, ITS SUCCESSORS AND ASSIGNS, HARMLESS FROM ANY LOSSES, INCLUDING ANY		
	REASONABLE COSTS OF DEFENSE, SUFFERED BY THE CITY OF PUYALLUP, ITS SUCCESSORS AND ASSIGNS, RESULTING FROM CLAIMS FOR		
	DAMAGES BY PERSONS WITHIN OR WITHOUT THIS SUBDIVISION FINALLY ADJUDICATED TO HAVE BEEN CAUSED BY THE NEGLIGENCE OR WRONGFUL ACTS OR OMISSIONS OF THE		

Condition Category	Condition	Department	Condition Status
	UNDERSIGNED OWNERS, THEIR EMPLOYEES, AGENTS OR CONTRACTORS, IN ALTERING THE GROUND SURFACE, DRAINAGE OR SURFACE OR SUB-SURFACE WATER FLOWS WITHIN THIS SUBDIVISION, OR IN ESTABLISHING OR CONSTRUCTING THE ROADS WITHIN THIS SUBDIVISION.		
	PROVIDED, THIS WAIVER AND INDEMNIFICATION SHALL NOT APPLY TO THE EXTENT THAT ANY LIABILITY OR DAMAGES RESULT IN WHOLE OR IN PART FROM THE NEGLIGENCE OR WRONGFUL ACTS OR OMISSIONS OF THE CITY OF PUYALLUP, OR ITS EMPLOYEES, AGENTS, CONTRACTORS, SUCCESSORS OR ASSIGNS.		
	SUBJECT TO THE TERMS AND CONDITIONS CONTAINED HEREIN, THIS SUBDIVISION, DEDICATION, WAIVER OF CLAIMS AND AGREEMENT TO HOLD HARMLESS IS MADE WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF SAID OWNERS.		
	WATER: *The proposed water system shall be designed and constructed to current City (Fire/ Domestic) standards. [PMC 14.02.120] *The water main shall be located generally 10 or 12-feet west or south of roadway centerlines per city standard drawings. [PMC 14.02.120(f) & CS 301.1(11)] *A new water main line shall be extended to, and through, the site sufficient to provide the necessary flows for both the domestic system and	Development & Permitting Services	Open
	fire system. The minimum water pipe size shall be 8-inch diameter. [PMC 14.02.190, 14.20.010 & CS 301.1(1)] *A 1-inch poly line water service including setter and box shall be provided for each building lot and shall be extended 10-feet into each of the		

Condition Category	Condition	Department	Condition Status
	proposed lots. The City will install meters at the time of individual lot development. NOTE: Tract meters, including transmitters, shall be installed by the applicant. [PMC 14.02.220(2) & CS 301.3] *The minimum distance between water lines and sewer lines shall be 10-feet horizontally and 18-inches vertically. If this criterion cannot be met, the applicant shall isolate the sewer and water lines by encasement, shielding, or other approved methods. [PMC 14.02.120(f) & CS 301.1(8)] *Fire hydrants and other appurtenances shall be placed as directed by the Puyallup Fire Code Official. Fire hydrants shall be placed so that there is a minimum of 50-feet of separation from hydrants to any building walls. [PMC 16.08.080 & CS 301.2, 302.3] *Prior to completion of the project, the engineer-of-record shall complete the State Department of Health's "Construction Completion Report for Distribution Main Projects", seal, and provide to the City. [WAC 246-290-120] *For new plats, water connection fees and systems development charges will be assessed at the time of building permit issuance for the individual lots. [PMC 14.02.040, 14.10.030]		
	SANITARY SEWER: *The proposed sanitary sewer system shall be designed and constructed to current City Standards. [PMC 14.08.040, 14.08.120] *6-inch side sewers shall be extended 15-feet into the proposed lots. [PMC 14.20.010 & CS 401(6)] *The sanitary sewer main shall be located 5-feet east or north of roadway centerlines. [PMC 17.42] *Any portion of a mainline extension located outside City right-of-way must be centered in a 40-foot wide easement granted to the City for maintenance purposes. The easement, if necessary, shall be clearly indicated on the plat	Development & Permitting Services	Open

Condition Category	Condition	Department	Condition Status
	document. [PMC 17.42 & CS 401(14)] *A separate and independent side sewer will be required from the public main to all building sites for each proposed lot. Side sewers shall be extended from the main 15-feet beyond the property line at the building site and shall be 6- inch minimum diameter with a 0.02 foot per foot slope. [PMC 14.08.110 & CS 401(6)] *Side sewers shall have a cleanout at the property line, at the building, and every 100 feet between the two points. [PMC 14.08.120 & CS 401(7)] *Individual grinder pump systems shall comply with City Standard 401 (17) and provide a minimum storage capacity of 220 gallons in accordance with City's Sanitary Sewer Comprehensive Plan. *Any forcemains serving the individual lots shall be privately maintained and located outside the limits of the ROW. Provide a gravity sewer connection between the private forcemain discharge on private property and the public sewer main. Clearly indicate private sewer easement(s) across the individual lots. *Utility extensions shall be completed prior to building permit issuance. *A sanitary sewer system development charge (SDC) will be assessed for each new single family residence and is due at the time of building permit issuance for the individual lot(s). [PMC 14.10.010, 14.10.030] *Sewer connection fees and systems development charges are due at the time of building permit issuance. [PMC 14.10.010, 14.10.030]		
	STORMWATER/ EROSION CONTROL: *Stormwater design shall be in accordance with the 2012 Stormwater Management Manual for Western Washington as amended in December,	Development & Permitting Services	Open

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	2014 (The 2014 SWMMWW aka "Ecology		
	Manual").		
	*The applicant shall complete the stormwater		
	flowchart, Figure 3.1, contained in Ecology's Phase		
	II Municipal Stormwater Permit, Appendix I. The		
	completed flowchart shall be submitted with the		
	preliminary stormwater site plan.		
	*The proposed plat shall employ, wherever		
	feasible, low impact development practices to		
	meet the design criteria set forth in PMC		
	21.10.190, the Ecology Manual Volume III, Chapter		
	3, and Volume V, Chapter 5.		
	*The applicant is responsible for submitting a		
	preliminary stormwater management site plan (2		
	sets) which meets the design requirements		
	provided by PMC Section 21.10 and Ecology		
	Manual Volume I, Section 2.5.1. The preliminary		
	stormwater site plan (PSSP) shall be submitted		
	prior to Preliminary Plat approval to ensure that		
	adequate stormwater facilities are anticipated		
	prior to development of the individual lot(s). The preliminary stormwater site plan shall reasonably		
	estimate the quantity of roof and driveway		
	stormwater runoff and the application of On-site		
	Stormwater Management BMPs for the proposed		
	development.		
	*The storm drainage system shall be designed and		
	constructed in accordance with current City		
	Standards. [PMC 17.42]		
	*Preliminary feasibility/infeasibility testing for		
	infiltration facilities shall be in accordance with the		
	site analysis requirements of the Ecology Manual,		
	Volume I, Chapter 3, specifically:		
	-Groundwater evaluation, either instantaneous		
	(MR1-5); or continuous monitoring (MR1-9),		
	during the wet weather months (December 21		
	through April 1).		
	-Hydraulic conductivity testing using the Small		
	Scale Pilot Infiltration Tests (PIT) during the wet		

Condition Category	Condition	Department	Condition Status
	weather months (December 21 through April 1) unless the site is located on unconsolidated outwash soils. If the site is located on unconsolidated outwash soils, grain size analyses		
	may be substituted for the Small Scale PIT test. -Testing to determine the hydraulic restriction layer.		
	*Public right-of-way runoff shall be detained and treated independently from proposed private stormwater facilities. This shall be accomplished by providing separate publicly maintained storm facilities within a tract or dedicated right-of-way; enlarging the private facilities to account for bypass runoff; or other methods as approved by the City Engineer. [PMC 21.10.190(3)] *Water quality treatment of stormwater shall be in accordance with the Ecology Manual, Volume V. *A maintenance access road and approach will be required to maintain the public storm facilities in		
	Tract B. *A Construction Stormwater General Permit shall be obtained from the Department of Ecology prior to any land disturbing activities such as clearing, grading, excavating and/or demolition. *At the time of civil permit application, the applicant is responsible for submitting a permanent storm water management plan (2 sets) which meets the design requirements provided by PMC Section 21.10. The plan and accompanying information shall provide sufficient information to evaluate the environmental characteristics of the		
	affected areas, the potential impacts of the proposed development on surface water resources, and the effectiveness and acceptability of measures proposed for managing storm water runoff. The findings, existing and proposed impervious area, facility sizing, and overflow control shall be summarized in a written report		

Condition Category	Condition	Department	Condition Status
	(TIR or SSP). [PMC 21.10.190, 21.10.060]		Jialus
	*The written technical report shall clearly delineate		
	any offsite basins tributary to the project site and		
	include the following information: [PMC		
	21.10.060]		
	-the quantity of the offsite runoff;		
	-the location(s) where the offsite runoff enters		
	the project site;		
	-how the offsite runoff will be routed through		
	the project site.		
	-the location of proposed retention/detention		
	facilities		
	-and, the location of proposed treatment facilities		
	*In the event that during civil design, there is		
	insufficient room for proposed stormwater		
	facilities in the area(s) shown on the major plat,		
	the stormwater area(s) shall be increased as		
	necessary so the final design will be in compliance		
	with current City Standards. This may result in the		
	number of lots being reduced, or a reduction in		
	other site amenities. [PMC 21.10.060(4),		
	21.10.150]		
	*Overflow facilities shall be provided for any		
	proposed detention/retention facilities in		
	accordance with the City Standards. This includes		
	a downstream analysis a minimum of 1/4 mile		
	downstream from the site.		
	*Any above-ground stormwater facility shall be		
	screened from public right-of-way and adjacent		
	property per the underlying zoning perimeter buffer requirements in the PMC.		
	*Stormwater R/D facilities shall be a minimum of		
	20-feet from any public right-of-way, tract,		
	vegetative buffer, and/or property line measured		
	from the toe of the exterior slope/embankment of		
	the facility. [PMC 21.10 & DOE Manual, Vol. V, Pg		
	10-39 and Pg 10-9]		
	*The proposed project discharges to an adjacent		

Condition Category	Condition	Department	Condition Status
	wetland. The applicant shall provide a hydrologic		
	analysis which ensures the wetland's hydrologic		
	conditions, hydrophytic vegetation, and substrate		
	characteristics are maintained.		
	*The number of infiltration tests shall be based on		
	the area contributing to the proposed BMP, e.g.,		
	one test for every 5,000 sq. ft of permeable		
	pavement, or one test for each bioretention cell.		
	Upon submission of the geotechnical infiltration		
	testing, appropriate long-term correction factors		
	shall be noted for any areas utilizing infiltration		
	into the underlying native soils in accordance with		
	the Ecology Manual, Volume III, Chapter 3.		
	*Construction of frontage improvements		
	associated with this project will likely require		
	extension of the stormwater main to		
	accommodate road runoff.		
	*At the time of civil permit application, all pipe		
	reaches shall be summarized in a Conveyance		
	Table containing the following minimum		
	information and included in the TIR:		
	Pipe Reach Name Design Flow (cfs)		
	Structure Tributary Area Pipe-Full Flow		
	(cfs)		
	Pipe Diameter (in) Water Depth at Design		
	Flow (in)		
	Pipe Length (ft) Critical Depth (in)		
	Pipe Slope (%)Velocity at Design Flow		
	(fps)		
	Manning's Coefficient (n) Velocity at Pipe-		
	Full Flow (fps)		
	Percent full at Design Flow (%)		
	HGL for each Pipe Reach (elev)		
	*At the time of preliminary plat construction, all		
	storm drains shall be signed as follows:		
	-Publicly maintained stormwater catch basins		
	shall be signed using glue-down markers supplied		

Condition Category	Condition	Department	Condition Status
	by the City and installed by the project proponent. -Privately maintained stormwater catch basins shall be signed with pre-cut 90ml torch down heavy-duty, intersection-grade preformed thermoplastic pavement marking material. It shall read either "Only Rain Down the Drain" or "No Dumping, Drains to Stream". Alternatively, the glue- down markers may be purchased from the City for a nominal fee. * All private storm drainage facilities shall be covered by a maintenance agreement provided by the City and recorded with Pierce County. Under this agreement, if the owner fails to properly maintain the facilities, the City, after giving the owner notice, may perform necessary maintenance at the owner's expense. * Erosion control measures for this site will be critical. A comprehensive erosion control plan will be required as part of the civil permit application. * Prior to the final plat being accepted by the City, all disturbed areas within the site shall be stabilized to the satisfaction of the City Engineer. * A Stormwater Systems Development Charge (SDC) will be assessed for each new single family residence. * Stormwater Systems Development fees are due at the time of site development permit or in the case where no site development permit is required, at the time of building permit issuance for the individual lot(s); and the fees do not vest until the time of site development permit is not required.		
	STREET: 56. Half-street improvements shall be completed along the entire property frontage and	Development & Permitting Services	Open

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	include curb, gutter, sidewalk, roadway base, pavement, street lighting, and drainage. Dedication of right-of-way may be required to provide for adequate roadway section. [PMC 11.08.120, 11.08.130, 19.12.050(1)] *Upon civil permit application, the following items shall be provided: -Road plans shall include a plan and profile view of the roadway indicating both the centerline and flow line elevations. [PMC 17.42 & CS 2.2] -A separate street lighting and channelization plan shall be provided in accordance with City Standards. -Root barriers in accordance with City Standard Detail 01.02.03 shall be installed for all street trees within ten (10) feet of the public ROW. -Wheel chair ramps, accessible routes, etc. shall be constructed in accordance with City Standards and current ADA regulations. If there is a conflict between the City Standards and ADA regulations, the ADA regulations shall take precedence over the City's requirements. [PMC 17.42] -Indicate the ROW limits for 13th St SW and Road A. -Indicate the Sight Distance Triangle limit at the Road A intersection. *Street numbering and addressing shall be provided by Engineering Services and reflected on the final plat document. [CS 103.1] *Existing private utilities (gas, telcom, cable, etc) that are in conflict with City maintained right-of- way and utilities shall be relocated outside of the travelled road section, i.e., behind the curb under the sidewalk area.		
	GRADING: *A Grading Plan conforming to all requirements of PMC Section 21.14.120 will be required for this	Development & Permitting Services	Open

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	project. The Plan shall be prepared by a Civil Engineer licensed in the State of Washington. [PMC 21.14.070] *A geotechnical report conforming to all requirements PMC Sections 21.14.150 and		
	21.14.160 will be required prior to issuance of the first building permit. The Report shall be prepared by a Civil Engineer or Engineering Geologist licensed in the State of Washington. Prior to final acceptance of this project, the author of the Report shall provide certification to the City of the following: -The project was constructed in accordance		
	 with the recommendations contained in the report. Any building lot within the site is suitable for building up to a maximum safe bearing load expressed in pounds per square foot (psf). A note indicating the certified safe bearing load for the building lots shall be provided on the face of the plat. Alternatively, a note shall be provided on the face of the plat indicating that a 		
	 geotechnical report will be required for each building lot prior to issuance of a building permit on that lot. *Cross sections will be required at various points along the property lines extending 30-feet onto adjacent properties to assure no impact from storm water damming or runoff. [PMC 17.42 & CS 502.1] 		
	 *At the time of civil permit application, the following notes shall be added to the first sheet of the TESCP: a. "At any time during construction it is determined by the City that mud and debris are being tracked onto public streets with insufficient cleanup, all work shall cease on the project until this condition is corrected. The contractor and/or the owner shall immediately take all steps 		

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	necessary to prevent future tracking of mud and debris into the public ROW, which may include the installation of a wheel wash facility on-site." b. "Contractor shall designate a Washington Department of Ecology certified erosion and sediment control leadperson, and shall comply with the Stormwater Pollution Prevention Plan (SWPPP) prepared for this project." c. "Sediment-laden runoff shall not be allowed to discharge beyond the construction limits in accordance with the Project's NPDES General Stormwater Permit." d. "The closed depression is the permanent stormwater infiltration system for the project and shall not be utilized for TESC runoff. Connect to the closed depression only after construction is complete and site is stabilized and paved." *RCW 19.122 requires all owners of underground facilities to notify pipeline companies of scheduled excavations through the one-number locator service if proposed excavation is within 100 feet of the utility. Notification must occur in a window of not less than 2 business days but not more than 10 business days before beginning the excavation. If a transmission pipeline company is notified that excavation work will occur near a pipeline, a representative of the company must consult with the excavator on-site prior to excavation.		
	 *Engineering plans submitted for review and approval shall be comply with City Standards Section 1.0 and Section 2.0, particularly: Engineering plans submitted for review and approval shall be based on 24 x 36-inch sheets. The scale for design plans shall be indicated directly below the north arrow and shall be only 1"=20' or 1"=30'. The north arrow shall point up or to the right on the plans. 	Development & Permitting Services	Open

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	 -Engineering plan sheets shall be numbered sequentially in this manner: Sheet 1 of 20, Sheet 2 of 20, etc. ending in Sheet 20 of 20. -All applicable City Standard Notes and Standard Details shall be included on the construction plans for this project. A copy of the City Standards can be found on the City's web site under Office of the City Engineer, Engineering Services. *Prior to Acceptance/Occupancy, Record Drawings shall be provided for review and approval by the City. Record Drawings shall be provided as follows: a. Electronic version of the record drawings in the following formats: i. AutoCAD Map 2007 or newer in State Plane South Projection ii. PDF 		
	 Comply with 2018 IFC, IBC and C.O.P engineering codes and standards. Fire Hydrants will be addressed at Civils and required to be constructed to C.O.P standards. Fire Hydrants to reach all points of each structure within 600'. 10% Maximum for road grade and driveways. 	Fire Prevention	Open
	 TRAFFIC CONDITIONS OF APPROVAL: Traffic Impact fees (TIF) will be assessed for each new single family residence in accordance with fees adopted by ordinance, per PMC 21.10. Park impact fees shall be charged per new dwelling unit based on its size. Fees are assessed in accordance with fees adopted by ordinance, per PMC 21.10 School impact fees shall be paid directly to the 	Development & Permitting Services	Open

Condition Category	Condition	Department	Condition Status
	school district in accordance with adopted fee at the time of collection by the District.		
	 Per Puyallup Municipal Code Section 11.08.130, the applicant/owner would be expected to construct half-street improvements including curb, gutter, sidewalk, roadway base, pavement, and street lighting. Any existing improvements which are damaged now or during the course of construction, or which do not meet current City Standards, shall be replaced. Based on the materials submitted, the applicant would be expected to construct half-street improvements (along the property frontage) on the following streets: a) 23rd St PI SE shall consist of 28' streets with curb, gutter, 5' sidewalks, 5.5' planter strips, and streetlights within a 50' right-of-way. "NO PARKING" signs on one side of the street will be required. b) 19th Ave SE shall match the existing curb alignment on the south side of the street. The roadway shall consist of a 28' street with curb, gutter, 5' sidewalks, and streetlights in a 60' right-of-way. "NO PARKING" signs on one side of the street. The roadway shall consist of a 28' street with curb, gutter, 5' sidewalks, and streetlights in a 60' right-of-way. "NO PARKING" signs on one side of the street. The roadway shall consist of a 28' street with curb, gutter, 5' sidewalks, and streetlights in a 60' right-of-way. "NO PARKING" signs on one side of the street. The roadway shall consist of a 28' street with curb, gutter, 5' sidewalks, and streetlights in a 60' right-of-way. "NO PARKING" signs on one side of the street. The roadway shall consist of a 28' street with curb, gutter, 5' sidewalks, and streetlights in a 60' right-of-way. "NO PARKING" signs on one side of the street with curb, gutter, 5' sidewalks, and streetlights in a 60' right-of-way. "NO PARKING" signs on one side of the street for the street. 		
	street will be required. A separate street lighting plan is required for the City's civil review. Streetlights will be required on 19th Ave SE & 23rd St PI SE.		
	The maximum grade for City streets is 10%.		
	Offsite striping plan required to safely transition vehicles to/from widened sections on 19th Ave SE.		
	At the intersection of 21st St SE & 19th Ave SE, the NE corner must be completely clear of sight obstructions. The City's Approach Sight Distance Standards 01.01.11 (85ft sight triangle) must be		

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	shown on civil plans.		
	The Cul-de-sac on 19th Ave SE must meet minimum radius requirement per Fire requirements.		
	The future road connection stubs (Highland Dr & north side of the 19th Ave SE Cul-de-sac) shall be installed with "Roadway to be extended in future" signage (per standard 01.01.21). Right of way dedication shall be provided at the time of final plat.		
Submit With Building	Permit submittals and construction plans must adhere to the conditions and recommendations of the geotechnical report(s).	Building Division	Open
Permit Application			

Sincerely, Chris Beale Senior Planner (253) 841-5418 CBeale@PuyallupWA.gov