

RS
09) 547-2476
88) 522-1130
09) 527-3881
66) 731-5429
09) 526-4041
09) 382-2578
09) 525-0510
09) 456-3619
09) 522-7029
09) 593-4707
09) 525-1981

CITY OF COLLEGE PL	ACE
Approved for Construction	<u>5/12/22</u> <sub>Date</sub>

Existing Linetype Legend		
Existing Sanitary Sewer Pipe		
Existing 4" Sanitary Sewer Pipe	4" SS	
Existing 6" Sanitary Sewer Pipe	6'' SS	
Existing 8" Sanitary Sewer Pipe	8" SS	
Existing 10" Sanitary Sewer Pipe	10" SS	
Existing 12" Sanitary Sewer Pipe	12" SS	
Existing 15" Sanitary Sewer Pipe	15" SS	
Existing 18" Sanitary Sewer Pipe	18" SS	
Existing 24" Sanitary Sewer Pipe	24'' SS	
Existing 30" Sanitary Sewer Pipe	30'' SS	
Existing So Sanitary Sewer Lipe	50 33	
Existing Samary Force Main		
Existing Storm Sewer Fipe		
Existing 4 Storm Sewer Pipe	4 'SD	
Existing 6 Storm Sewer Pipe	6 SD	
Existing 8" Storm Sewer Pipe	8 SD	
Existing 10" Storm Sewer Pipe	10 SD	
Existing 12" Storm Sewer Pipe	12" SD	
Existing 15" Storm Sewer Pipe	15″ SD	
Existing 18" Storm Sewer Pipe	18" SD	
Existing 24" Storm Sewer Pipe	24" SD	
Existing Water Pipe	WL	
Existing 4" Water Pipe	4" WL	
Existing 6" Water Pipe	6'' WL	
Existing 8" Water Pipe		
Existing 10" Water Pipe	10'' WL	
Existing 12" Water Pipe	12" WL	
Existing 15" Water Pipe	15" WL	
Existing 18" Water Pipe	18" WI	
Existing 24" Water Pipe	24'' WI	
Existing Water Lateral		
Existing Irrigation Pipe		
Existing Ingation Pipe		
Existing 4 Ingation Pipe	6" IRR	
Existing 0 Inigation Pipe		
Existing 0 Ingation Fipe		
Existing 10" Irrigation Pipe		
Existing Intraction Lateral		
Existing Cable TV Line		
Existing Electric Line		
Existing Gas Line		
Existing Over Head Power Line		
Existing Telephone Line		
Existing Fiber Optic Line	F0	
Existing Underground Utility Line		
Existing Centerline		
Existing Curb		
Existing Curb & Gutter		
Existing Lot Line	<u> </u>	
Existing Gravel road		
Existing Flow Line		
Existing Paint Stripe		
Existing Right-of-way		
	XX	
Existing Fence		
Existing Fence		
Existing Fence Existing Building Existing Wetland Perimeter		
Existing Fence Existing Building Existing Wetland Perimeter Existing Wetland Buffer		
Existing Fence Existing Building Existing Wetland Perimeter Existing Wetland Buffer Existing Property Line		
Existing Fence Existing Building Existing Wetland Perimeter Existing Wetland Buffer Existing Property Line Existing Utility Easement		
Existing Fence Existing Building Existing Wetland Perimeter Existing Wetland Buffer Existing Property Line Existing Utility Easement Existing Quarter Section		
Existing Fence Existing Building Existing Wetland Perimeter Existing Wetland Buffer Existing Property Line Existing Utility Easement Existing Quarter Section		
Existing FenceExisting BuildingExisting Wetland PerimeterExisting Wetland BufferExisting Property LineExisting Utility EasementExisting Quarter SectionExisting Railroad		
Existing FenceExisting BuildingExisting Wetland PerimeterExisting Wetland BufferExisting Property LineExisting Utility EasementExisting Quarter SectionExisting RailroadExisting Fence		
Existing FenceExisting BuildingExisting Wetland PerimeterExisting Wetland BufferExisting Property LineExisting Utility EasementExisting Quarter SectionExisting RailroadExisting FenceExisting Wall		

Proposed/Future Line	type Legend
Proposed Sanitary Sewer Pipe	§§
Proposed Sanitary Lateral	
Proposed Sanitary Force Main	
Proposed Storm Under Drain	
Proposed Storm Rain Drain	
Proposed Storm Pipe	
Proposed Water Lateral	
Proposed Water Pipe	WL
Proposed Irrigation Pipe	
Proposed Irrigation Lateral	
Proposed Lot Line	
Proposed Flow Line	→
Proposed Centerline	
Proposed Right-of-way	
Proposed Sawcut Line	
Proposed Flow Line	
Proposed Easement	
Proposed Curb & Gutter	
Proposed End Of Pav't	
Proposed Sidewalk	
Proposed Wall	
Proposed Building	
Proposed Setback	
Proposed Property Line	
Proposed Cut Line	
Proposed Score Line	
Proposed Paint Stripe	
Proposed Fence	XX
Proposed Wetland Buffer	<u> </u>
Proposed Wetland Perimeter	· _ ·
Proposed Contour	253
Erosion Control Filter Fabric Fence	XX
Future Storm Pipe	
Future Sanitary Pipe	
Future Sanitary Lateral	
Future Water Pipe	
Future Easement	
Future Curb	
Future Sidewalk	
Future Centerline	
Future Right-of-way	
Future Contour	253
Future Lot Line	
Future Paint Stripe	
· · ·	1

Hatching Legend		
Proposed Heavy Duty Asphalt		
Proposed Asphalt Concrete		
Proposed Cement Concrete		
Proposed Pervious Concrete		
Proposed Truncated Domes		
Proposed Wall		
Proposed Gravel Road		
Existing Asphalt To Be Removed		

**GENERAL NOTES:** 

Existing Contour

1. THESE DRAWINGS SHOW THE PROPOSED FIVE APARTMENTS BUILDINGS AT SIRMON SPITZENBURG SITE LOCATED IN THE CITY OF COLLEGE PLACE. CIVIL ENGINEERING IMPROVEMENTS SHOWN ON THESE PLANS CONSIST OF OFFSITE IMPROVEMENTS, SITE PLAN, GRADING, TEMPORARY EROSION AND SEDIMENT CONTROL, STORMWATER CONTROL, AND PRIVATE AND PUBLIC UTILITY PLAN. SEE THE ARCHITECTURAL PLANS, BY OTHERS, FOR OTHER SITE IMPROVEMENTS.

\_\_\_\_\_253 \_\_\_\_\_

- 2. THESE PLANS AND ANY REFERENCED ATTACHMENTS OR DOCUMENTS SHALL BE UTILIZED TO CONSTRUCT THE IMPROVEMENTS SHOWN. THE CIVIL ENGINEERING DRAWING REFERENCED DOCUMENTS INCLUDE THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION'S (WSDOT) STANDARD PLANS, WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, CURRENT EDITION, AND THE CITY OF COLLEGE PLACE STANDARD PLANS, 2018 EDITION. IMPROVEMENTS SHALL COMPLY WITH ALL APPLICABLE CITY SPECIFICATIONS AND STANDARD PLANS.
- 3. SITE PLAN WAS VESTED IN OCTOBER 2018 AND WAS DESIGNED TO STANDARDS IN PLACE AS OF THAT DATE. IMPROVEMENTS SHALL COMPLY WITH ALL APPLICABLE CITY OF COLLEGE PLACE STANDARD PLAN 010.00 FOR GENERAL CONSTRUCTION NOTES, STANDARD PLAN 110.00 FOR GENERAL STREET CONSTRUCTION NOTES, STANDARD PLAN 210.00 FOR WATER UTILITY SYSTEM NOTES, STANDARD PLAN 310.00 FOR SANITARY SEWER AND STORM NOTES, AND STANDARD PLAN 410.00 FOR STORMWATER FACILITY NOTES.
- 4. THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE CITY OF COLLEGE PLACE PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. CONTRACTOR MUST GIVE FORTY-EIGHT (48) HOURS NOTICE AND OBTAIN ALL THE REQUIRED APPROVALS AND PERMITS PRIOR TO ANY CONSTRUCTION ACTIVITY WITH CITY OF COLLEGE PLACE.
- 5. A MINIMUM OF TWO WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CALL 811 TO ALLOW UTILITY PURVEYORS SUFFICIENT TIME TO MARK THE LOCATION OF EXISTING UTILITIES IN AND AROUND THE PROJECT LIMITS. EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE APPROXIMATE AND OTHER UTILITIES MAY BE PRESENT WITHIN THE WORK AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, MOVING, ABANDONING, OR MAINTAINING THE RESPECTIVE UTILITY SERVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES, TO REMAIN, THROUGHOUT CONSTRUCTION.
- 6. TRENCH EXCAVATION WITH THE PROJECT SHALL COMPLY WITH WASHINGTON STATE DEPARTMENT OF LABOR AND INDUSTRIES SAFETY STANDARDS FOR CONSTRUCTION WORK, PART N, EXCAVATION, AND SHORING (WAC 296-155-650 THROUGH WAC 296-155-66411).

- CONDUCT OR SAFETY OF THE WORK.
- OTHERWISE SPECIFIED.
- WORK.
- ALL TIMES BY THE CONTRACTOR.
- AGENCY.
- IMMEDIATELY.

Symbol Legend	
Existing Water Valve	wv D I
Existing Gas Valve	GV
Existing Fire Hydrant	-0-
Existing Power Pole	-0-
Existing Water Meter	
Existing Electrical Pedestal	E
Existing Power Riser	
Existing Power Meter	PM
Existing Sanitary Manhole	0
Existing Storm Manhole	
Existing Catch Basin	
Existing Area Drain	6
Existing Combo Inlot	
Existing Combo met	
	•
Existing Cleanout	000
Existing Guy Anchor	( <del>-</del>
Existing Project Bench Mark	
Existing Iron Rod	
Existing Sign	d
Existing Shrub	ତତ
Existing Deciduous Tree	$\odot$
Existing Coniferous Tree	- X
See Extg. Sanitary Sewer Data	$\times$
See Extg. Storm Drainage Data	X
Existing Flow Arrow	
Proposed Bollard	
Proposed Street Light	+*
Proposed Road Barrier	
Proposed Flow Arrow	
Proposed Fire Protection Vault	
Proposed Water Meter	
Proposed Water Backflow Device	
Proposed Water Bend Tee W/valve	1091 [][] [][] [][]
Proposed Water Bend Tee W/tb	
Proposed Water 22 <sup>1</sup> / <sub>2</sub> ° Bend W/tb	<b>N</b>
Proposed Water 11 <sup>1</sup> / <sub>4</sub> ° Bend W/tb	×
Proposed Water 90° Bend W/tb	 
Proposed Water Stand Pipe	
Proposed Water Bend X	89 Heli Beli Heli
Proposed Water Temporary Blowoff	<b>}&gt;08</b> [
Proposed Water Standard Blowoff	8
Proposed Water Reducer Proposed Water Thrust Block	
Proposed Fire Hydrant	
-	

7. THE CONTRACTOR SHALL AT ALL TIMES OBSERVE AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, AND REGULATIONS WHICH IN ANY MANNER AFFECT THE

8. ALL WORK AND MATERIALS REQUIRED TO COMPLETE THE IMPROVEMENTS AS INDICATED ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNLESS

9. THE CONTRACTOR SHALL MAINTAIN AN ACCURATE AND UP TO DATE SET OF RECORD DRAWINGS THAT INCORPORATE ANY CHANGES OR ADDITIONS ENCOUNTERED. THESE SHALL BE DELIVERED TO THE ENGINEER UPON COMPLETION AND ACCEPTANCE OF THE WORK AND WILL BE USED AS A BASIS FOR PREPARING A SET OF RECORD DRAWINGS FOR THE SITE IMPROVEMENTS THAT THE OWNER MUST SUBMIT TO THE CITY UPON COMPLETION OF THE

10. EXISTING SURVEY CORNERS AND MONUMENTS SHALL BE PROTECTED AND PRESERVED AT

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL PLANS AND OBTAINING APPROVALS FROM THE LOCAL

12. THE EXISTING SEWER MAIN SHALL BE KEPT FREE OF DEBRIS AND OPERATIONAL AT ALL TIMES. IF STOPPAGE PROBLEMS ARE ENCOUNTERED OR DEBRIS ENTERS THE LINES, CONTRACTOR SHALL CONTACT THE CITY OF COLLEGE PLACE PUBLIC WORKS DEPT.

13. WATER MAIN SHALL BE TESTED IN ACCORDANCE WITH NFPA 24, CURRENT EDITION, PRIOR TO ACCEPTANCE BY THE OWNER AND ENGINEER. INCLUDE ALL COSTS IN BASE BID.

14. THE CONTRACTOR'S SURVEYOR SHALL PROVIDE CONSTRUCTION STAKING AS NEEDED, DIMENSIONS SHOWN ARE TO FACE OF CURB. STATIONING AND OFFSETS SHOWN ARE TO THE CENTER OF THE STRUCTURE. STRUCTURES SHALL BE CONSTRUCTED PER THE DETAILS.

15. CITY INSPECTION IS LIMITED TO UNDERGROUND UTILITIES. ALL OTHER ON-SITE INSPECTION AND COMPLIANCE, INCLUDING ADA COMPLIANCE, IS THE RESPONSIBILITY OF THE OWNER.

Symbol Legend	
Proposed Catch Basins	
Proposed Area Drain	0
Proposed Combination Curb Inlet	
Proposed Storm Reducer	
Proposed Rain Drain	•
Proposed Storm Cleanout	•
Proposed Storm Manhole	
Proposed Sedimentation Manhole	Ð
Proposed Drywell	۲
Proposed Sanitary Cap	1
Proposed Sanitary Reducer	
Proposed Sanitary Cleanout	0
Proposed Sanitary Manhole	0
Proposed Irrigation Meter	
Proposed Irrigation Backflow Device	
Proposed Irrigation Valve	181
Proposed Irrigation Bend Tee W/Valve	 ₩
Proposed Irrigation Bend Tee W/tb	
Proposed Water 22% Bend W/tb	_~~ _~~
Proposed Water 11% Denu W/tb	 
Proposed Irrigation 45 Bend W/tb	
Proposed Irrigation Stand Pine	
Proposed Imgation Stand Pipe	 82
	181 <u></u> 181
Proposed Irrigation Temporary Blowoff	1908 <u>1</u>
Proposed Irrigation Standard Blowon	8
Proposed Irrigation Reducer	
Proposed Irrigation Thrust Block	
Proposed Inlet Protection Pillow	
Proposed Gravel Construction Entrance	6385
Proposed Sedimentation Trap	
Erosion Control feature code & ID number (Puget Sound)	E 3.30
BMP Type (Puget Sound)	(P-1)
Future Storm Manhole	
Future Sanitary Manhole	0
Future Fire Hydrant	X
Future Catch Basin	
Future Sanitary Cap	1
Future Fire Protection Vault	
Future Water Meter	•
L FUTURE BACKTIOW Device	
Future Valve	
Future Band Tee W/valve	₩ ₩ ₩
Future Bend Tee W/valve Future Bend Tee W/tb	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 221/2° Bend W/tb Future 111/2° Bond W/tb	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22 <sup>1</sup> / <sub>2</sub> ° Bend W/tb Future 11 <sup>1</sup> / <sub>4</sub> ° Bend W/tb	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22 <sup>1</sup> / <sub>2</sub> ° Bend W/tb Future 11 <sup>1</sup> / <sub>4</sub> ° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22½° Bend W/tb Future 11¼° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb Future Stand Pine	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22 <sup>1</sup> / <sub>2</sub> ° Bend W/tb Future 11 <sup>1</sup> / <sub>4</sub> ° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb Future Stand Pipe Future Bend X	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22½° Bend W/tb Future 11¼° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb Future Stand Pipe Future Bend X	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22½° Bend W/tb Future 11¼° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb Future 90° Bend W/tb Future Stand Pipe Future Bend X Future Temporary Blowoff Future Standard Blowoff	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22½° Bend W/tb Future 11¼° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb Future Stand Pipe Future Bend X Future Temporary Blowoff Future Standard Blowoff	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22½° Bend W/tb Future 11¼° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb Future Stand Pipe Future Bend X Future Temporary Blowoff Future Standard Blowoff Future Reducer Future Thrust Block	
Future Valve Future Bend Tee W/valve Future Bend Tee W/tb Future 22½° Bend W/tb Future 11¼° Bend W/tb Future 45° Bend W/tb Future 90° Bend W/tb Future Stand Pipe Future Bend X Future Temporary Blowoff Future Standard Blowoff Future Reducer Future Thrust Block Future Fire Hydrant	

Abbreviation Lege	end
Acres	AC
Assembly	ASS'Y
Avenue	AVE
Approved	APP'D
Butterfly	BF
Boulevard	BLVD
Benchmark	BM
Blow Off	BO
Back Of Curb	BOC
Begin Vertical Curve	BVC
Care Of	C/O
Catch Basin	СВ
Cubic Feet	CF
Cast Iron	CI
Cement	CEM
Circle	CIR
Centerline	<u>ି</u>
Corrugated Metal Pipe	CMP
Cleanout	СО
Combination	СОМВ
Compaction	COMP
Concrete	CONC
Construction	CONST
Corrugated Polyethylene	CPE
Concrete Sewer Pipe	CSP
Court	СТ
Cubic Yard	CY
Cement	CEM
Depth	D
Ductile Iron	DI
Diameter	DIA
Ductile Iron Pipe	DIP
Down Spout	DS
Edge Of Pavement	EOP
End Curb Return	ER
Easement	ESMT
Existing	EXTG
Elevation	EL
Electric	ELEC
End Vertical Curb	EVC
Finished Floor	FF
Finished Grade	FG
Fire Hydrant	FH
Flange	FLG
Force Main	FM
Foot / Feet	FT
Gas	G
Galvanized Iron	GI
Ground	GRD
Gate Valve	GV
High Density Polyethylene	HDPE
Horizontal	HORIZ

16. RECORD DRAWINGS SHALL BE SUBMITTED TO THE CITY UPON COMPLETION OF CONSTRUCTION AND SHALL INCLUDE STAMPED ENGINEER-OF-RECORD CERTIFICATION THAT PRIVATE FACILITIES COMPLY WITH CITY PARKING LOT DESIGN CODE (CPMC 17.48.040) AND THE AMERICAN DISABILITIES ACT.

17. STAMPED STORMWATER FACILITY CERTIFICATION BY ENGINEER-OF-RECORD (STD PLAN 410.20) WITH STAMPED LANGUAGE ALSO APPEARING ON RECORD PLANS SHALL BE PROVIDED PRIOR TO OCCUPANCY PERMIT. CONTRACTOR SHALL CONTACT ENGINEER UPON EXCAVATING FACILITIES FOR VISUAL VERIFICATION OF UNDERLYING SOILS.

18. OWNER IS RESPONSIBLE TO CONTACT THE DEPARTMENT OF ECOLOGY WITH REGARD TO THE NEED AND APPLICATION FOR A CONSTRUCTION STORMWATER GENERAL PERMIT AND TO PROVIDE EVIDENCE OF CONTACT, RESPONSE, AND COPY OF PERMIT (IF REQUIRED) TO THE CITY PRIOR TO COMMENCING CONSTRUCTION.

Abbreviation Legend			
High Water Elevation	ч HW		
Hydrant	НҮД		
Invert Elevation	IF		
Intersection			
Invert			
Length			
Lateral			
Maximum	MAX		
Manhole	мн		
Minimum	MIN		
Mechanical Joint			
Number	No. or $\#$		
Pavement			
Power Pole			
Point Of Reverse Curve	PRC		
Point Of Reverse Vortical Ourve			
Point Of Tangent			
Point Of Vertical Intersection			
Polyvinyl Chloride			
Place			
Right Of Way			
Right			
Shoot			
Steen Drain Claanout			
Stoin Drain Cleanout	3000		
Stalliess Steel	33 8800		
Stool	9300		
Sidewalk	SIL		
Street	5/W		
Street			
Station Centenine			
Standard	SID		
Sama			
Tangant			
I nrust Block			
	UGE V/C		
vertical			
Yard	YD		



CITY OF COLLEGE PLACE			
Approved for Construction	<u>5/12/22</u> <sub>Date</sub>		



# **GENERAL CONSTRUCTION & TESC NOTES**

- SEE SHEET C-002 FOR PROJECT SPECIFIC NOTES.

- FOR ADDITIONAL REQUIREMENTS

- DISTURBING ACTIVITY.

## SWPPP PREPARATION NOTES

CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION OF THE CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE FOLLOWING ELEMENTS OF BEEN PROVIDED TO ASSIST IN PREPARATION OF THE SWPPP.

- **IMPACTS**
- LOCAL JURISDICTION.
- PHASING, AND INCLEMENT WEATHER.

- DOWNSTREAM, IF NECESSARY.
- JURISDICTION APPROVAL

- SHEET.
- 1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY EROSION AND SED CONTROLS. EROSION AND SEDIMENTATION CONTROLS SHALL BE AS RECOMMENDE CHAPTER 8 OF THE WSDOT CONSTRUCTION MANUAL AND CHAPTER 710 OF THE WS
- 2. IN ADDITION TO THE TEMPORARY EROSION AND SEDIMENT CONTROL METHODS OL THIS PLAN, THE CONTRACTOR IS ENCOURAGED TO EVALUATE THE PROJECT EART REQUIREMENTS AND NATURAL DRAINAGE AND STAGE CONSTRUCTION ACTIVITIES EXTENT OF DISTURBED AREAS. THE CONTRACTOR SHALL EVALUATE THE EROSION SEDIMENT CONTROLS DURING THE COURSE OF THE PROJECT TO IDENTIFY POTEN PROBLEM AREAS AND PROVIDE ADDITIONAL MEASURES TO INCREASE THEIR EFFE
- 3. SILT FENCING SHALL BE INSTALLED AS DETAILED PRIOR TO ANY CONSTRUCTION W INVOLVES EARTHWORK OR WILL POTENTIALLY DISTURB THE NATIVE VEGETATION. POSSIBLE, SILT FENCING SHALL FOLLOW THE EXISTING GROUND CONTOURS. WHE FENCING MUST BE INSTALLED ON A SLOPE, THE SLOPE SHALL BE LIMITED TO 3:1 (H TO VERTICAL) AND GRAVEL CHECK DAMS SHALL BE PLACED AT 10 FOOT INTERVAL MINIMIZE RUNOFF FLOW ALONG THE FENCE. TO ENSURE SILT FENCING CAPTURES WATER, ENDS OF FENCING SHALL BE FLARED UPHILL AT LEAST 2 FEET.
- UPON COMPLETION OF ROUGH SITE GRADING AND ROADWAY PAVING, THE CONTR. SHALL OBSERVE DRAINAGE RUNOFF FLOW ACROSS THE FUTURE BUILDING SITES TEMPORARY DRAINAGE SWALES AS NECESSARY TO ENSURE THAT SURFACE WAT RETAINED AND NOT PERMITTED TO LEAVE THE SITE OR DRAIN ACROSS STEEPLY O
- 5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE CLEARING AND DISTU EXISTING VEGETATION OUTSIDE AREAS REQUIRED FOR CONSTRUCTION ACTIVITIE DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE STABILIZED AND RESTORED HYDROSEEDING OR OTHER APPROVED METHODS AS EARLY AS PRACTICABLE.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED AT INGRESS/E0 POINTS CONNECTING EXISTING PAVED ROADWAYS USING 4" TO 8" QUARRY SPALL FOR A DISTANCE OF AT LEAST 50' SIMILAR TO WSDOT STANDARD PLAN 1-14. AT LEA CONSTRUCTION ENTRANCE SHALL BE REQUIRED DEPENDING ON CONTRACTORS
- SURFACE RUNOFF SHALL NOT BE ALLOWED TO LEAVE THE PLAT, INCLUDING FUTUR CORRIDORS. GRADED FUTURE ROADWAYS ARE SUSCEPTIBLE TO SIGNIFICANT ERC POTENTIAL AND MUST BE MONITORED AND MAINTAINED UNTIL THE ROADWAYS AR COMPLETED IN THE FUTURE. LONG-TERM BMP MEASURES TO CONTROL AND RET FROM THE GRADED LOTS AND THE FUTURE ROADWAYS SHALL INCLUDE TEMPORA PONDS, BERMS, STRAW BALES, ETC. AND MUST BE MAINTAINED AND/OR MODIFIED FOLLOWING SITE GRADING ACTIVITIES UNTIL THE LOTS ARE FULLY-DEVELOPED.
- 8. ALL ON-SITE CATCH BASINS SHALL BE PROTECTED BY A MANUFACTURED SEDIMEN TRAP, "ULTRA-DRAIN GUARD" TRASH AND DEBRIS MODEL 9227, AS MANUFACTURED ULTRATECH INTERNATIONAL, INC., OR AN APPROVED EQUAL.

2. APPROXIMATE LIMITS OF DISTURBANCE ARE SHOWN ON THESE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND RESTORATION WITHIN LIMITS AS NECESSARY TO COMPLETE THE WORK, COORDINATE WITH OWNER FOR ANY ONSITE STAGING NEEDS.

ALL MATERIALS REMOVED AS PART OF CONSTRUCTION SHALL BE DISPOSED OF PROPERLY. ANY SITE FIXTURES, FENCING, ETC., SHALL BE THE PROPERTY OF THE OWNER UNLESS OTHERWISE DIRECTED TO DISPOSE OF THESE MATERIALS, BY THE OWNER.

TESC IMPROVEMENTS SHOWN ON THESE PLANS ARE A MINIMUM. CONTRACTOR SHALL SUPPLEMENT AS SITE CONDITIONS WARRANT TO PREVENT SEDIMENT LADEN RUNOFF FROM DISCHARGING OFFSITE OR INTO STORMWATER FACILITIES. CONTACT CITY OF COLLEGE PLACE

SEE PROJECT GEOTECHNICAL REPORT FOR SITE PREPARATION REQUIREMENTS.

SEE BUILDING PLANS, BY OTHERS, FOR BUILDING CONSTRUCTION DETAILS.

OWNER SHALL OBTAIN COVERAGE UNDER NPDES CONSTRUCTION SWGP PRIOR TO LAND

1. MARK CLEARING LIMITS: LIMITS OF DISTURBANCE ARE SHOWN IN THESE PLANS. WORK OCCURRING OUTSIDE OF THESE AREAS SHALL BE NOTED ON THIS PLAN. PRESERVE NATURAL VEGETATION WHERE PRACTICABLE WITHIN THE LIMITS OF CONSTRUCTION. THESE SHALL BE CLEARLY MARKED. BOTH IN THE FIELD AND ON THE PLANS, TO PREVENT DAMAGE AND OFFSITE

2. ESTABLISH CONSTRUCTION ACCESS: CONSTRUCTION ENTRANCE IS SHOWN ON THIS PLAN. CONTROL FLOW RATES: PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION DUE TO INCREASES IN THE VOLUME, VELOCITY, AND PEAK FLOW RATE OF STORMWATER RUNOFF FROM THE PROJECT SITE, AS REQUIRED BY

4. INSTALL SEDIMENT CONTROLS: MINIMUM SEDIMENT CONTROL BMPs ARE SHOWN ON THESE PLANS. ADDITIONAL BMPs MAY BE NECESSARY DEPENDING ON CONSTRUCTION TECHNIQUES,

5. STABILIZE SOILS: EXPOSED & UNWORKED SOILS SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED AS SOON AS PRACTICABLE BY APPLICATION OF EFFECTIVE BMPs THAT PROTECT THE SOIL FROM THE EROSIVE FORCES OF RAINDROPS, FLOWING WATER, AND WIND.

PROTECT SLOPES: SLOPES ARE NOT PRESENT AT THIS SITE.

PROTECT DRAIN INLETS: SEE SEDIMENT CONTROL BMPs. INSTALL ADDITIONAL BMPs

STABILIZE CHANNELS & OUTLETS: THERE ARE NO CHANNELS OR OUTLETS PRESENT AT THIS

CONTROL POLLUTANTS: ALL POLLUTANTS, INCLUDING WASTE MATERIALS AND DEMOLITION DEBRIS, THAT OCCUR ON SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER

10. CONTROL DE-WATERING: DE-WATERING DISCHARGES MAY INCLUDE INFILTRATION, OFFSITE TRANSPORT BY VEHICLE, ONSITE TREATMENT, AND SANITARY SEWER DISCHARGE WITH LOCAL

11. MAINTAIN BMPs: CONTRACTOR SHALL MAINTAIN BMPs AS NOTED IN THE STORMWATER MANAGEMENT MANUAL FOR EASTERN WASHINGTON (SWMMEW), CURRENT EDITION.

12. MANAGE THE PROJECT: CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING & SEASONAL WORK AS NECESSARY TO MINIMIZE EXPOSED, UNSTABILIZED SOILS.

13. PROTECT LOW IMPACT DEVELOPMENT (LID) BMPs: PROTECT ALL INFILTRATION BMPs FROM SEDIMENTATION THROUGH INSTALLATION AND MAINTENANCE OF ESC BMPs ON PORTIONS OF THE SITE THAT DRAIN INTO THE INFILTRATION BMPs. SEE INFILTRATION GALLERY NOTES, THIS

|--|

		IOLITION KEYED NOTES		
DIMENTATION ED IN	1	ALL EXISTING UNDERGROUND UTILITIES SHALL DURING GRADING ACTIVITIES. UNLESS OTHERW	BE PROTECTED /ISE NOTED.	
	2	SAWCUT ASPHALT CONCRETE. REMOVE EXISTINAND BASE COURSE MATERIAL FROM WORK ARE	NG ASPHALT EAS.	
TO LIMIT THE	3	CONTRACTOR SHALL COORDINATE RELOCATION OF NATURAL GAS LINE WITH GAS COMPANY.	N / REMOVAL	
N AND ITIAL CTIVENESS IN	4	CONTRACTOR SHALL COORDINATE RELOCATION OF EXISTING OVERHEAD LINE.	N / REMOVAL	
VORK THAT	5	EXISTING TREE TO BE REMOVED.		
WHERE ERE SILT HORIZONTAL	6	REMOVE EXISTING FENCE.		
.S TO S RUNOFF	7	REMOVE EXISTING SPIGOT.		
	8	PROTECT AND RELOCATE EXISTING FIRE HYDRA SHEET C-104.	ANT. SEE	Call befo
ER IS GRADED	9	REMOVE EXISTING BUILDING ALONG WITH SLAB FOUNDATION WALLS, AND FOOTINGS. BACKFILL	S, FOOTINGS	OT OF WA
JRBANCE TO	-	CRUSHED SURFACING M41-10. COMPACT TO 95	MDD.	
BY	(10)	APPROXIMATE LIMITS OF DISTURBANCE. REMOVE DISPOSE OF SURFACE & SUBSURFACE IMPROVE	VE AND EMENTS AS	for
GRESS S, 15' WIDE AST 1		IMPROVEMENTS.	- PROPOSED	POPESIONAL
				DESIGI
RE ROAD OSION F				CHECH
AIN RUNOFF RY SWALES,		CITY OF COLLEGE PLAC	CE I	<b>MARCH</b> 67234
DURING AND		$\bigcirc$		SHEE
NT D BY		Approved for Construction	$\frac{5/12/22}{\text{Date}}$	<u>C-0</u>
			- 4.0	



SHEET 3







INSTALL WSDOT TYPE 1 CATCH BASIN PER WSDOT STANDARD PLAN B-5.20-03 WITH

INSTALL DRYWELL PER DETAIL, THIS SHEET. ROCK BACKFILL WIDTH (SEE PLAN) FROM OUTSIDE OF PRECAST CONCRETE MANHOLE; ROCK DEPTH = 9.0'. DRYWELL SHALL BE WRAPPED IN FILTER FABRIC AND EXTEND TO NATIVE GRAVELS. CONTRACTOR SHALL NOTIFY ENGINEERING UPON EXCAVATING SO GRAVEL CAN BE VERIFIED PRIOR TO

CONNECT SD DRAIN PIPE AT CONE SECTION. SEE DRYWELL DETAIL, THIS SHEET.

INSTALL BI-DIRECTION GRATE PER CITY OF COLLEGE PLACE STANDARD PLAN 311.01.

±1-FOOT TO ±2-FOOT HIGH ROCKERY/ KEYSTONE WALL, BY OWNER, MAY REQUIRE

4" ROOF DRAIN CLEAN-OUT. SEE PLUMBING PLANS BY OTHERS FOR ROOF DRAIN

INSTALL WSDOT TYPE 1 CATCH BASIN PER WSDOT STANDARD PLAN B-5.20-03 WITH SOLID

|--|

PERFORATED BARREL HEIGHT (FT)	BOTTOM SURFACE AREA (SF)	BOTTOM DIMENSION SHOWN (FTxFT)	DEPTH OF ROCK (FT)	BOTTOM OF ROCK ELEV.	DRYWELL TYPE
8	81	9x9	9	823.60±	В
8	121	11x11	9	822.01±	В
8	121	11x11	9	823.93±	В
8	264	12x22	9	821.95±	В
8	528	16x33	9	820.60±	В

### **CITY OF COLLEGE PLACE**

<u>5/12/22</u>

Date





# GENERAL NOTES

1. SEE SHEET C-002 FOR PROJECT SPECIFIC NOTES.

2. SEE BUILDING PLANS, BY OTHERS, FOR BUILDING CONSTRUCTION DETAILS.

3. ADA SLOPE SHALL NOT EXCEED 8.3% (1:12) AT RAMPS, 5% (1:20) ALONG RUNNING SLOPES, & 2% (1:50) ACROSS SLOPES ON ANY ADA PATH INCLUDING ADA STALLS, LANDING AREA, & ALL SIDEWALKS.



TYPICAL ENTRY WAY **GRADING BLOW-UP** 



CITY OF COLLEGE PL	ACE
Approved for Construction	<u>5/12</u> <sub>Date</sub>



### **GENERAL NOTES**

- 1. SEE SHEET C-002 FOR PROJECT SPECIFIC NOTES.
- 2. SEE BUILDING PLANS BY OTHERS, FOR BUILDING CONSTRUCTION DETAILS.
- 3. ONLY FACE OF BUILDING FOOTPRINT AND FOUNDATION OUTLINES ARE SHOWN ON THESE PLANS. NO ROOF OVERHANGS OR EAVES ARE SHOWN.
- 4. CONTRACTOR INSTALLING FIRE LINES SHALL BE LICENSED BY THE STATE OF WASHINGTON WITH A LEVEL 3 OR U LICENSE.
- 5. DCVA FOR EACH BUILDING TO BE INSTALLED DOWNSTREAM OF EACH WATER METER PER CITY OF COLLEGE PLACE STANDARDS. COORDINATE WITH BUILDING PLANS AND OWNER/DEVELOPER FOR LOCATION.
- 6. CONTRACTOR TO REFER TO CITY OF COLLEGE PLACE WATER SYSTEM UTILITY NOTES STANDARD PLAN 210.00 AND SANITARY/ STORM SEWER NOTES STANDARD PLAN 310.00.
- 7. SANITARY SEWER MAIN PROPOSED FROM THE NEW MANHOLE IN NE SPITZENBURG STREET INTO AND INSIDE THE DEVELOPMENT WILL BE PRIVATE.
- 8. WATER MAINS, METERS AND HYDRANTS ARE TO BE MAINTAINED AND OPERATED BY GREEN TANK WATER DISTRICT.

# CONSTRUCTION NOTES

- (1) NOT USED
- INSTALL SANITARY SEWER MANHOLE PER CITY OF COLLEGE PLACE STANDARD PLAN 310.01.
- (3) POST INDICATOR VAVLE (PIV), BUILDING MOUNTED, BY OTHERS.
- SANITARY SEWER CLEAN-OUT AT BUILDING. IT SHALL BE THE RESPONSIBILITY OF THE INDOOR PLUMBING CONTRACTOR TO ROUTE EXTENSION OF SEWER LINE INTO BUILDING FROM THIS CLEAN-OUT. INVERT AS GIVEN ON PLAN. SEE DETAIL 5, SHEET C-501
- 2" WATER METER PER CITY OF COLLEGE PLACE STANDARD PLAN 210.00. EXTEND 2" MAINLINE & MANIFOLD, BY OWNER. EXTEND 3/4" WATER SERVICE FROM MANIFOLD TO EACH APARTMENT.
- (6) NOT USED.
- (7)NOT USED.
- FIRE HYDRANT ASS'Y TEE (1) 8"x6" TEE, (1) 6" GATE VALVE, 19 LF 6" WL - INSTALL FIRE HYDRANT ASS'Y PER CITY OF COLLEGE PLACE STANDARD PLAN 210.02.
- BLOW-OFF ASSEMBLY PER CITY OF COLLEGE PLACE STANDARD 9 PLAN 210.08.
- COORDINATE UNDERGROUNDING OF ELECTRICAL SERVICE 10 WITH OWNER & UTILITY PURVEYOR.
- (11) FIRE DEPARTMENT CONNECTION, BUILDING MOUNTED, BY OTHERS.
- 2" IRRIGATION CONNECTION, METER & BACKFLOW ASSEMBLY PER CITY OF COLLEGE PLACE 210.00, 220.03. CONTINUATION OF SYSTEM, BY OTHERS.
- (13) 8" DI WATER LINE PER CITY OF COLLEGE PLACE STANDARDS.
- CONTRACTOR SHALL COORDINATE CONNECTION WITH
- (14) CONTRACTOR SHALL COORDINATE MECHANICAL PLAN FOR BUILDING.
- INSTALL 8" SEWER CLEAN-OUT PER CITY OF COLLEGE PLACE STANDARDS & DETAIL 7, SHEET 501.
- APPROXIMATE TRANSFORMER LOCATION, FINAL LOCATION TO (16) BE DECIDED.
- 6" SANITARY SEWER WYE AND CLEAN-OUT PER DETAIL 7, SHEET 17 C501.

SEWER TABLE						
#	TYPE	RIM	INVERT ELEV			
SSCO-1	CLEAN-OUT	837.22	6" IE: 829.61			
SSCO-2	CLEAN-OUT	837.23	6" IE: 830.15			
SSCO-3	CLEAN-OUT	837.58	6" IE: 829.69			
SSCO-4	CLEAN-OUT	837.59	6" IE: 830.23			
SSCO-5	CLEAN-OUT	837.45	6" IE: 830.64			
SSCO-6	CLEAN-OUT	837.45	6" IE: 830.91			
SSCO-7	CLEAN-OUT	836.63	6" IE: 830.95			
SSCO-8	CLEAN-OUT	836.53	6" IE: 830.69			
SSCO-9	CLEAN-OUT	835.05	6" IE: 829.33			
SSCO-10	CLEAN-OUT	835.31	6" IE: 829.97			
SSCO-11	CLEAN-OUT	835.93	6" IE: 829.69			
SSCO-12	CLEAN-OUT	836.10	6" IE: 829.43			
SSCO-13	CLEAN-OUT	836.56	8" IE: 829.28			
SSMH-1	MANHOLE	836.21	8" INV IN: 827.32 (S) 8" INV IN: 827.12 (E) 8" INV OUT: 827.12 (W)			
SSMH-2	MANHOLE	835.07	6" INV IN: 828.77 (SW) 8" INV IN: 828.57 (E) 8" INV OUT: 828.37 (N)			

# **CITY OF COLLEGE PLACE**

Approved or Construction

5/12/22

Date





Full Size Sheet Format Is 22x34; If Printed Size Is Not 22x34, Then This Sheet Format Has Been Modified & Indicated Drawing Scale Is Not Accurate.



### **GENERAL NOTES**

- 1. SEE SHEET C-002 FOR PROJECT SPECIFIC NOTES.
- 2. SEE BUILDING PLANS BY OTHERS, FOR BUILDING CONSTRUCTION DETAILS.

### CONSTRUCTION NOTES

- (1) STA: 1+66.48, 7.5'R  $\pm$  BEGIN ASPHALT WIDENING.
- STA: 2+41.39, 17.00'R ASPHALT EDGE END ASPHALT WIDENING. BEGIN ROAD SECTION PER SPITZENBURG STREET TYPICAL SECTION DETAIL, SEE SHEET C-501. END CURB WITH MINIMUM 1' LONG BULL-NOSE.
- STA: 4+86.17, 18.00'R FACE OF CURB END ROAD SECTION PER SPITZENBURG STREET TYPICAL SECTION DETAIL, SEE SHEET C-501. BEGIN ASPHALT TAPER.
- (4) STA: 5+51.19, 9.21'R - END ASPHALT TAPER.
- PROVIDE PAVEMENT PATCHING AT SAWCUT LINE PER CITY OF COLLEGE PLACE STANDARD PLAN 110.09.
- STA: 3+32.86, 18.00' RT INSTALL 24' WIDE DRIVEWAY ENTRANCE PER CITY OF COLLEGE PLACE STANDARD PLAN 110.13 AND 110.15. STATION AND OFFSET TO FACE OF CURB.
- SIDEWALK TO BE INSTALLED PER CITY OF COLLEGE PLACE STANDARD PLAN 110.14.
- CONTRACTOR SHALL COORDINATE RELOCATION / REMOVAL OF NATURAL GAS LINE WITH GAS COMPANY.
- 9 CONTRACTOR SHALL COORDINATE RELOCATION / REMOVAL OF EXISTING OVERHEAD LINE.
- REMOVE & REPLACE HYDRANT & FEED PER CITY OF COLLEGE PLACE STANDARD PLAN 210.02. HYDRANT PLACEMENT AT STA: 3+74.97, 25.00' RT. PROTECT EXISTING VALVES AND ADJUST VALVES TO FINISH GRADE.
- STA: 3+39.17, 10.30' RT HOT TAP 8" WL WITH (1) 8" FL TEE AND THRUST BLOCK PER CITY OF COLLEGE PLACE STANDARD 210.05, CONTRACTOR TO POTHOLE AND CONFIRM EXISTING DEPTH AND PIPE MATERIAL PRIOR TO COMMENCING CONSTRUCTION OF WATER LINE.
- INSTALL SADDLE STYLE TYPE II CATCH BASIN OVER EXISTING STORM MAIN PER DETAIL 9, SHEET C-501. FIELD VERIFY I.E. PRIOR TO INSTALLATION. NOTIFY ENGINEER IF POSITIVE DRAINAGE IS NOT POSSIBLE.
- PRECAST CATCH BASIN PER CITY OF COLLEGE PLACE STANDARD PLAN 311.01, 311.02 AND 311.05.
- INSTALL 65 LF OF 4" WIDE WHITE EDGE LINE PER WSDOT STANDARD PLAN M-20.10-03 FOR LONGITUDINAL MARKING PATTERNS.
- CONNECT TO EXISTING STORM DRAIN MANHOLE. FIELD VERIFY I.E. PRIOR TO INSTALLATION, NOTIFY ENGINEER IF POSITIVE DRAINAGE IS NOT POSSIBLE.
- INSTALL SADDLE SEWER MANHOLE OVER EXISTING SEWER MAIN PER DETAIL 9, SHEET C-501. CONTRACTOR TO FIELD VERIFY DEPTH, SIZE AND LOCATION OF EXISTING SEWER MAIN PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF DIFFERENT.
- EXISTING WATERLINE DEPTH ASSUMED TO BE 40"±. CONTRACTOR TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING WATERLINE PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF SEPARATION BETWEEN MAIN LINES IS NOT POSSIBLE.
- CONTRACTOR TO PRESERVE AND PROTECT EXISTING GAS LINE. COORDINATE WITH GAS PROVIDER PRIOR TO CONSTRUCTION TO COORDINATE GAS LINE ADJUSTMENT AS NEEDED TO ACCOMMODATE SEWER MANHOLE INSTALLATION.
- SEWER LINE TO CROSS BENEATH EXISTING STORM MAIN LINE. EXISTING STORM LINE APPROXIMATE DEPTH SHOWN. CONTRACTOR TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING STORM LINE PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF SEPARATION BETWEEN MAIN LINES IS NOT POSSIBLE.
- (20) STA: 3+13.86, 24.50' RT - INSTALL STREET LIGHT PER CITY OF COLLEGE PLACE STANDARD PLAN 110.74. CONTRACTOR TO COORDINATE WITH CITY FOR MODEL SPECIFICATION PRIOR TO ORDERING. CONTRACTOR TO COORDINATE WITH OWNER/DEVELOPER AND POWER UTILITY TO PROVIDE SERVICE.

		Know what's below. Call before you dig.
		THE OF WASSING THE OF THE
		DESIGNED: SG / DCC
		CHECKED: JMM
CITY OF COLLEGE PLAC	CE	MARCH 2022 67234.001
nd Richard		
tor Construction	<u>5/12/22</u>	C-105
	Date	SHEET <b>8</b> OF <b>9</b>

 $\mathbf{P} = \mathbf{P} = \mathbf{P}$ 

Ê

 $\geq$ 

 $\mathbf{O}$ 

**n** 

 $\mathbf{m}$ 

Ω

S

Ζ

Σ

R

S

О

Ζ

Ш

Σ

ш

>

Δ

Σ

G

Ż

O

Ó

NO

Ō

ŽII

()

 $\mathbf{O}$ 

Ω

(7

11

()

0

CIT

ш

Т

Ζ

Ш

٩

C

**D** 

Ш

SIT

4

