





Scale: (in Feet)

EXISTING ASPHALT TO BE REMOVED

- GROUNDWATER WAS ENCOUNTERED AT 7 TO 8 FEET BELOW GROUND SURFACE DURING THE GEOTECHNICAL FIELD INVESTIGATION.
 GROUNDWATER WAS ENCOUNTERED AT APPROXIMATE ELEVATION 14.56° DURING GRADING OF THE STORMWATER POND ON LOT B, SEE DRAWING GA

Woodland Site Expansion Woodland, Washington Columbia Precast Products Site Preparation & TESC Plan

Datum: NAD 83/NAVD 88

Survey Book: 1770

Project Milestone: 50%

Date: **04/23/2021**



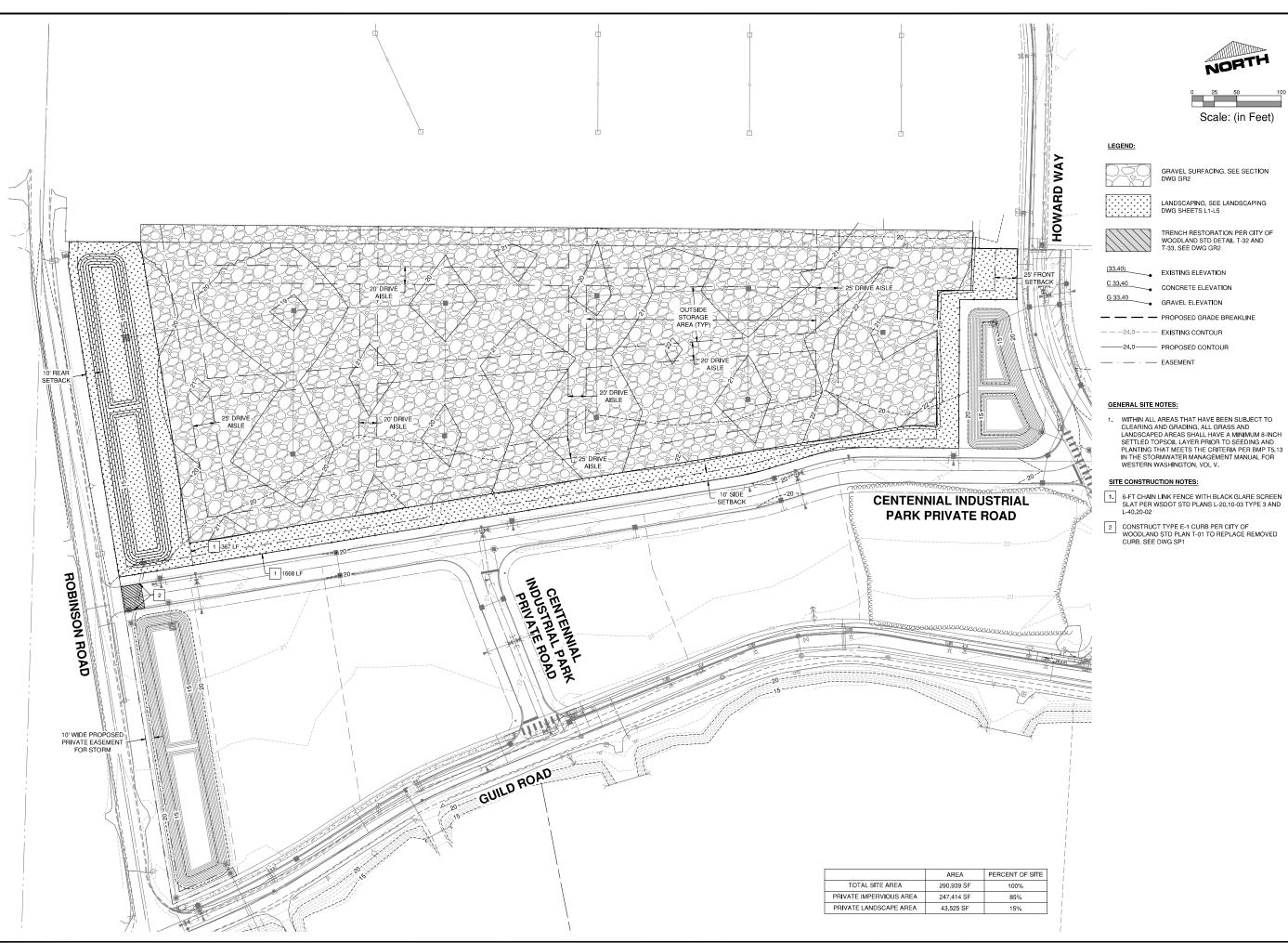
Designed by: CJG Checked by: Approved by: CLR

Project Number: 0788.0231

Drawing Number:

SP1 Sheet Number

5 of **18**







Scale: (in Feet)

- PROPOSED GRADE BREAKLINE

- 1. 6-FT CHAIN LINK FENCE WITH BLACK GLARE SCREEN SLAT PER WSDOT STD PLANS L-20.10-03 TYPE 3 AND L-40.20-02

GIBBS & OLSON

Woodland Site Expansion Woodland, Washington Columbia Precast Products Site & Grading Plan

Datum: NAD 83/NAVD 88 Survey Book: 1770

Project Milestone: 50% Date: 04/23/2021



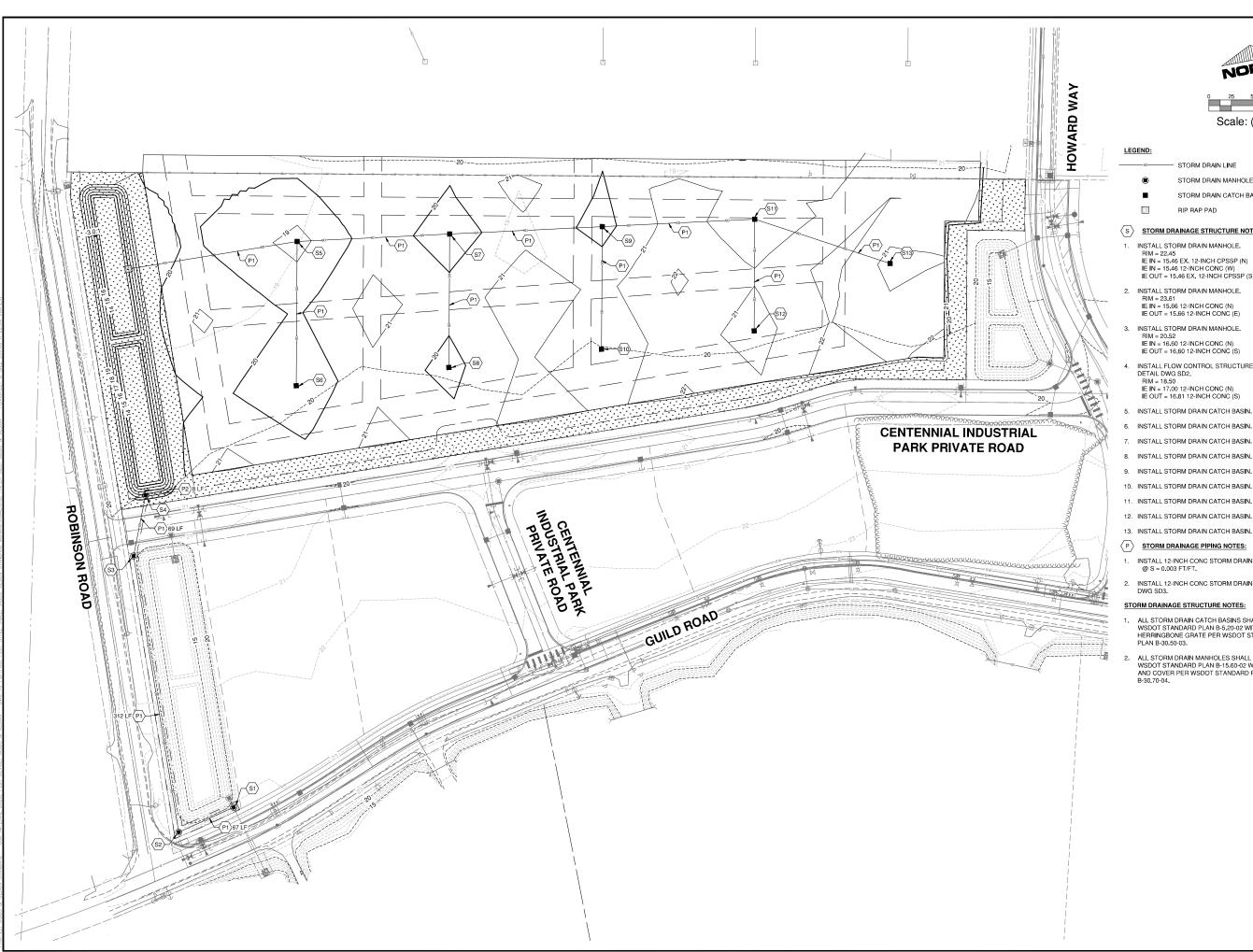
Designed by: GWM Checked by: Approved by: CLR

Project Number:

0788.0231 Drawing Number

GR1

Sheet Number 7 of 18







Scale: (in Feet)

- STORM DRAIN LINE
- STORM DRAIN MANHOLE
- STORM DRAIN CATCH BASIN
- RIP RAP PAD

S STORM DRAINAGE STRUCTURE NOTES:

- 1. INSTALL STORM DRAIN MANHOLE. INSTALL STORM DRAIN MANHOLE.
 RIM = 22.45
 IE IN = 15.46 EX. 12-INCH CPSSP (N)
 IE IN = 15.46 12-INCH CONC (W)
 IE OUT = 15.46 EX. 12-INCH CPSSP (S)
- 2. INSTALL STORM DRAIN MANHOLE. RIM = 23.61 IE IN = 15.66 12-INCH CONC (N) IE OUT = 15.66 12-INCH CONC (E)
- INSTALL STORM DRAIN MANHOLE. RIM = 20.52 IE IN = 16.60 12-INCH CONC (N) IE OUT = 16.60 12-INCH CONC (S)
- INSTALL FLOW CONTROL STRUCTURE PER DETAIL DWG SD2. RIM = 18.50 IE IN = 17.00 12-INCH CONC (N) IE OUT = 16.81 12-INCH CONC (S)
- 5. INSTALL STORM DRAIN CATCH BASIN.
- 6. INSTALL STORM DRAIN CATCH BASIN.
- 7. INSTALL STORM DRAIN CATCH BASIN.
- 8. INSTALL STORM DRAIN CATCH BASIN.
- 9. INSTALL STORM DRAIN CATCH BASIN.
- 10. INSTALL STORM DRAIN CATCH BASIN.
- 12. INSTALL STORM DRAIN CATCH BASIN.
- 13. INSTALL STORM DRAIN CATCH BASIN.

P STORM DRAINAGE PIPING NOTES:

- 1. INSTALL 12-INCH CONC STORM DRAIN PIPE @ S = 0.003 FT/FT.
- INSTALL 12-INCH CONC STORM DRAIN PIPE. SEE DWG SD3.

STORM DRAINAGE STRUCTURE NOTES:

- ALL STORM DRAIN CATCH BASINS SHALL BE PER WSDOT STANDARD PLAN B-5.20-02 WITH A HERRINGBONE GRATE PER WSDOT STANDARD PLAN B-30.50-03.
- ALL STORM DRAIN MANHOLES SHALL BE PER WSDOT STANDARD PLAN B-15.60-02 WITH A RING AND COVER PER WSDOT STANDARD PLAN B-30.70-04.

GIBBS & OLSON

Woodland Site Expansion Woodland, Washington Columbia Precast Products Storm Drainage Plan

Datum: NAD 83/NAVD 88 Survey Book: 1770

Project Milestone: 50% Date: 04/23/2021



Designed by: **GWM** Checked by: Approved by: CLR

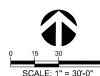
> Project Number: 0788.0231

Drawing Number SD1

Sheet Number 10 of 18

TREES	BOTANICAL / COMMON NAME	CONTAINER	SIZE	SPACING	ατΥ
***	CALOCEDRUS DECURRENS / INCENSE CEDAR	в∉в	5`	24` O.C.	18
9HRUB9	BOTANICAL / COMMON NAME	CONTAINER	SPREAD	SPACING	<u>aty</u>
\odot	FORSYTHIA X INTERMEDIA 'LYNWOOD GOLD' / LYNWOOD GOLD FORSYTHIA	5 GAL	24"-3 <i>0</i> "	6` O.C.	72
	PHOTINIA X FRASERI / RED TIP PHOTINIA	5 GAL	24"-3@"	8` O.C.	101
SEED	BOTANICAL / COMMON NAME	CONTAINER	SPREAD	SPACING	<u>ατγ</u>
	9EED MIX NATIVE BUTTERFLY NECTAR MIX / PT 456 NATIVE BUTTERFLY NECTAR MIX	9EED/90D			8,823 9F
	SEED MIX NATIVE UPLAND MIX WITH COLOR / PT 404 NATIVE UPLAND MIX WITH COLOR	SEED/SOD			11,433 SF
· · · ·	SEED MIX NATIVE WET PRAIRIE \$ BIOSWALE MIX / PT 455 NATIVE WET PRAIRIE \$ BIOSWALE MIX	SEED/SOD			1,000 SF

AREA CALCULATIONS						
SITE AREA	290,939 SF	100%				
GROSS LANDSCAPE AREA	57,372 SF	19.7 %				
PERMANENT WATER SURFACE AREA	13,847 SF	4.8 %				
NET LANDSCAPE AREA (GROSS LANDSCAPE AREA MINUS VEGETATED STORM FACILITY AREA)	43,525 SF	15.0 %				
AREAS COVERED BY GROUNDCOVER	14,301 SF	4.9 %				
AREAS COVERED BY NON-PLANT MATERIALS	N/A					
AREAS COVERED BY TREE CANOPY AND SHRUBS	29,224 SF	10.0 %				
SETBACK AREAS	19,522 SF	6.7 %				
PARKING LOT AREA	N/A					
PARKING AREA LANDSCAPING	N/A					
OTHER LANDSCAPING AREAS	N/A					



SCALE: 1" = 30"0"

THE SCALE BAR SHOWN ABOVE IS CORRECT FOR DRAWINGS PRINTED FULL SIZE (ANS) D OR ARCH D). THE SCALE ABOVE MUST BE DOUBLED FOR DRAWINGS PRINTED HALF SIZE (ANS) B OR ARCH B).

WAS THE PART TO SEE TO

Land Design, plic Land be Planting



Columbia Precast Expansion

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SHEET TITLE LANDSCAPE PLAN (WEST)

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DATE 04/26/21

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DRAWN BY JAC CHECKED BY JAC

JOB #: 1.21.023

JOB #: 1.21.02

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