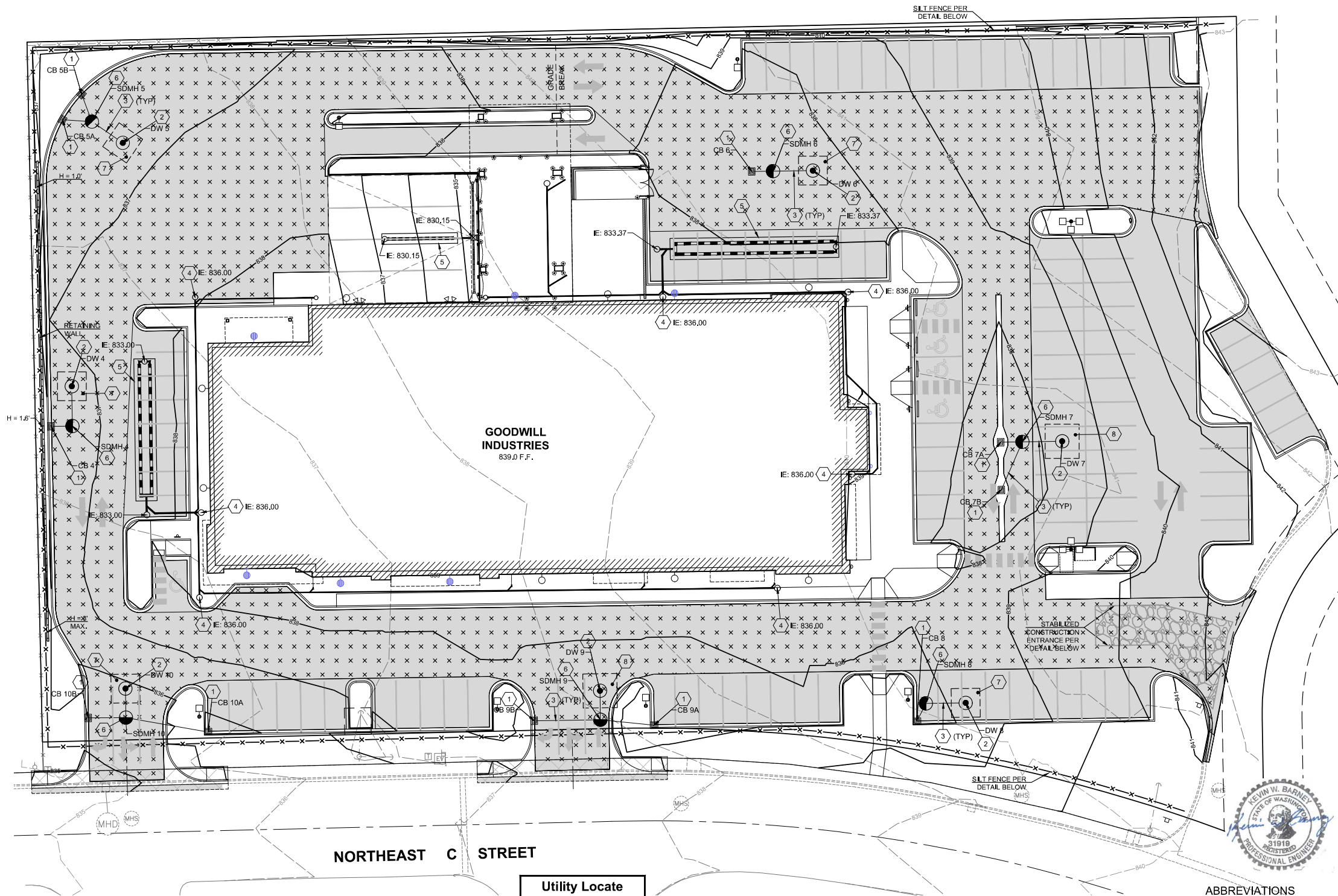


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NORTHEAST C STREET

Utility Locate  
Call 811  
2 Business Days  
Before Digging

#### GRADING NOTES

1. ALL ELEVATIONS SHOWN HEREON ARE FINISH SURFACE ELEVATIONS UNLESS NOTED OTHERWISE.
2. ALL TOP OF CURB ELEVATIONS (TC) AND ALL DIMENSIONS SHOWN HEREON ARE TO FACE OF CURB.
3. EXISTING AND FINISH CONTOUR INTERVAL = 1'.

#### KEYED STORM DRAIN CONSTRUCTION NOTES:

1. PRECAST CATCH BASIN PER CITY OF COLLEGE PLACE STD, PLANS 311.01, 311.02 AND 311.05.
2. INSTALL DRYWELL PER DETAIL THIS SHEET. 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 DRYWELL AND ASSOCIATED INFRASTRUCTURE BEING INSTALLED.
3. STORMWATER PIPE, ADS N-12, PVC DR35, OR ENGINEER'S APPROVED EQUAL.
4. ROOF DRAIN POINT OF CONNECTION, 6" PVC SD, PROVIDE SDCO AT CONNECTION TO FOOTING DRAIN PER DETAIL C5.0, MINIMUM PIPE SLOPE S=0.5%.
5. INSTALL PERFORATED STORMWATER PIPE TRENCH PER DETAIL SHEET C5.0. DRAINAGE ROCK SHALL BE WRAPPED IN FILTER FABRIC.
6. INSTALL STORM SEWER MANHOLE PER CITY OF COLLEGE PLACE STD, PLAN 311.04.
7. INSTALL 2 FOOT DRAIN ROCK ENVELOPE. SEE DRYWELL DETAIL SHEET C5.0.
8. INSTALL 3 FOOT DRAIN ROCK ENVELOPE. SEE DRYWELL DETAIL SHEET C5.0.

#### ABBREVIATIONS

BEG BEGIN  
BW BOTTOM OF WALL  
CF CURB FACE HEIGHT  
EXTG EXISTING  
FL FLOWLINE  
FS FINISH SURFACE  
GB GRADE BREAK  
HP HIGH POINT  
TC TOP OF CURB  
TW TOP OF WALL  
VC VERTICAL CURVE



Scale 1" = 20'



CITY OF COLLEGE PLACE

Approved for Construction

Date

1. SEE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

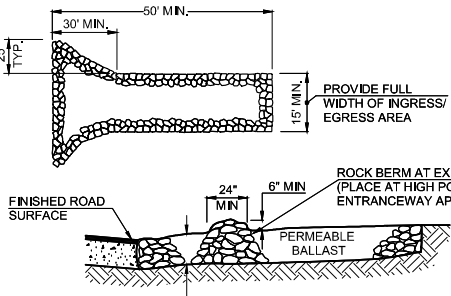
#### GENERAL EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY EROSION AND SEDIMENTATION CONTROLS. EROSION AND SEDIMENTATION CONTROLS SHALL BE AS RECOMMENDED IN CHAPTER 8 OF THE WSDOT CONSTRUCTION MANUAL AND CHAPTER 710 OF THE WSDOT ROADSIDE MANUAL.
2. IN ADDITION TO THE TEMPORARY EROSION AND SEDIMENT CONTROL METHODS OUTLINED IN THE CONSTRUCTION PLAN, THE CONTRACTOR IS ENCOURAGED TO EVALUATE THE PROJECT EARTHWORK REQUIREMENTS AND NATURAL DRAINAGE AND STAGE CONSTRUCTION ACTIVITIES TO LIMIT THE EXTENT OF DISTURBED AREAS. THE CONTRACTOR SHALL EVALUATE THE EROSION AND SEDIMENT CONTROLS DURING THE COURSE OF THE PROJECT TO IDENTIFY POTENTIAL PROBLEM AREAS AND PROVIDE ADDITIONAL MEASURES TO INCREASE THEIR EFFECTIVENESS IN MINIMIZING EROSION AND SEDIMENT RUNOFF.
3. SILT FENCING SHALL BE INSTALLED AS DETAILED PRIOR TO ANY CONSTRUCTION WORK THAT INVOLVES EARTHWORK OR WILL POTENTIALLY DISTURB THE NATIVE VEGETATION. WHERE POSSIBLE, SILT FENCING SHALL FOLLOW THE EXISTING GROUND CONTOURS. WHERE SILT FENCING MUST BE INSTALLED ON A SLOPE, THE SLOPE SHALL BE LIMITED TO 3:1 (HORIZONTAL TO VERTICAL) AND GRAVEL CHECK DAMS SHALL BE PLACED AT 10 FOOT INTERVALS TO MINIMIZE RUNOFF FLOW ALONG THE FENCE. TO ENSURE SILT FENCING CAPTURES RUNOFF WATER, ENDS OF FENCING SHALL BE FLARED UPHILL AT LEAST 2 FEET.
4. UPON COMPLETION OF ROUGH SITE GRADING AND PAVING, THE CONTRACTOR SHALL OBSERVE DRAINAGE RUNOFF FLOW ACROSS THE FUTURE BUILDING SITE AND FORM TEMPORARY DRAINAGE SWALES AS NECESSARY TO ENSURE THAT SURFACE WATER IS RETAINED AND NOT PERMITTED TO LEAVE THE SITE OR DRAIN ACROSS STEEPLY GRADED SURFACES RESULTING IN EROSION.
5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE CLEARING AND DISTURBANCE TO EXISTING VEGETATION OUTSIDE AREAS REQUIRED FOR CONSTRUCTION ACTIVITIES. AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE STABILIZED AND RESTORED BY HYDROSEEDING OR OTHER APPROVED METHODS AS EARLY AS PRACTICABLE.
6. STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED AT INGRESS/EGRESS POINTS CONNECTING EXISTING PAVED ROADWAYS USING 4" TO 8" QUARRY SPALLS, 15' WIDE FOR A DISTANCE OF AT LEAST 50' SIMILAR TO WSDOT STANDARD PLAN 1-14. AT LEAST 1 CONSTRUCTION ENTRANCE SHALL BE REQUIRED DEPENDING ON CONTRACTORS INGRESS/EGRESS THROUGH THE SITE.
7. SURFACE RUNOFF SHALL NOT BE ALLOWED TO LEAVE THE PROPERTY. LONG-TERM BMP MEASURES TO CONTROL AND RETAIN RUNOFF FROM THE GRADED LOT SHALL INCLUDE TEMPORARY SWALES, PONDS, BERMS, STRAW BALES, ETC. AND MUST BE MAINTAINED AND/OR MODIFIED DURING AND FOLLOWING SITE GRADING ACTIVITIES UNTIL THE LOT IS FULLY-DEVELOPED.
8. ALL ON-SITE CATCH BASINS SHALL BE PROTECTED BY A MANUFACTURED SEDIMENT TRAP, "ULTRA-DRAIN GUARD" TRASH AND DEBRIS MODEL 9227, AS MANUFACTURED BY ULTRATECH INTERNATIONAL, INC., OR AN APPROVED EQUAL.

#### STORMWATER TABLE

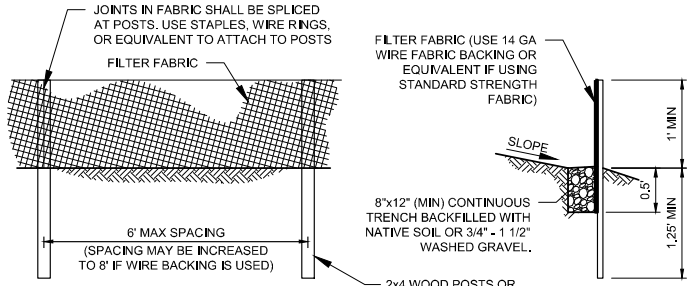
#	TYPE	RIM/GRATE	INVERT OUT ELEV	DOWNSIDE PIPE LENGTH
CB 4	PRECAST	836.35	834.35	8 LF 12" SD
SDMH 4	STORM SEWER MANHOLE	836.63	834.31	15 LF 12" SD
DW 4	72-IN DIAM DRYWELL	836.75	834.23	
CB 5A	PRECAST	836.10	834.10	11 LF 12" SD
CB 5B	PRECAST	836.08	834.08	11 LF 12" SD
SDMH 5	STORM SEWER MANHOLE	836.31	834.02	14 LF 12" SD
DW 5	72-IN DIAM DRYWELL	836.67	833.95	
CB 6	PRECAST	837.18	835.18	8 LF 12" SD
SDMH 6	STORM SEWER MANHOLE	837.35	835.14	15 LF 12" SD
DW 6	72-IN DIAM DRYWELL	837.67	835.06	
CB 7A	PRECAST	837.73	835.73	8 LF 12" SD
CB 7B	PRECAST	837.62	835.62	20 LF 12" SD
SDMH 7	STORM SEWER MANHOLE	837.83	835.52	15 LF 12" SD
DW 7	72-IN DIAM DRYWELL	838.35	835.44	
CB 8	PRECAST	837.60	835.60	8 LF 12" SD
SDMH 8	STORM SEWER MANHOLE	837.78	835.56	15 LF 12" SD
DW 8	72-IN DIAM DRYWELL	838.19	835.48	
CB 9A	PRECAST	837.10	835.10	20 LF 12" SD
CB 9B	PRECAST	837.32	835.32	25 LF 12" SD
SDMH 9	STORM SEWER MANHOLE	837.58	835.00	11 LF 12" SD
DW 9	72-IN DIAM DRYWELL	837.59	834.94	
CB 10A	PRECAST	835.65	833.65	31 LF 12" SD
CB 10B	PRECAST	835.01	833.01	14 LF 12" SD
SDMH 10	STORM SEWER MANHOLE	835.30	832.94	11 LF 12" SD
DW 10	72-IN DIAM DRYWELL	835.84	832.88	

\*NOTE: ALL PIPE SLOPE S = 0.0050 FT/FT MIN



- NOTES:
1. EXCAVATE MINIMUM OF 12" OF EXISTING SOILS.
  2. PERMEABLE BALLAST (2" TO 2-1/2" ROCK) PER WSDOT STD. SPEC. 9-03.9(2).
  3. CONSTRUCT ROCK BERM ALONG TRANSITION POINT TO FINISH PAD SURFACE. DIVERT RUNOFF TO ONSITE AREA.

STABILIZED CONSTRUCTION ENTRANCE  
NTS



FRONT

SILT FENCE DETAIL  
NTS

SIDE



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GOODWILL INDUSTRIES  
NEW RETAIL FACILITY  
1017 NE C STREET | COLLEGE PLACE, WA

GRADING, DRAINAGE AND  
EROSION CONTROL PLAN

CAD FILE:

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DESIGNED: KWB/LLW

DRAWN: DCC

CHECKED: KWB

DATE: 2021-Jan-15

REVISION:

DRAWING:

C3.0

30-19



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