

# CATLIN ELEMENTARY - RESURFACING PROJECT

LOCATED IN EAST 1/2 SECTION 27, TOWNSHIP 8 NORTH, RANGE 2 EAST, WILLAMETTE MERIDIAN  
CITY OF KELSO COWLITZ COUNTY, WASHINGTON

### CONTACT INFO:

Owner:  
**Kelso School District 458**  
612 Ash Street  
Kelso, WA 98623  
**Scott Westlund; CFO**  
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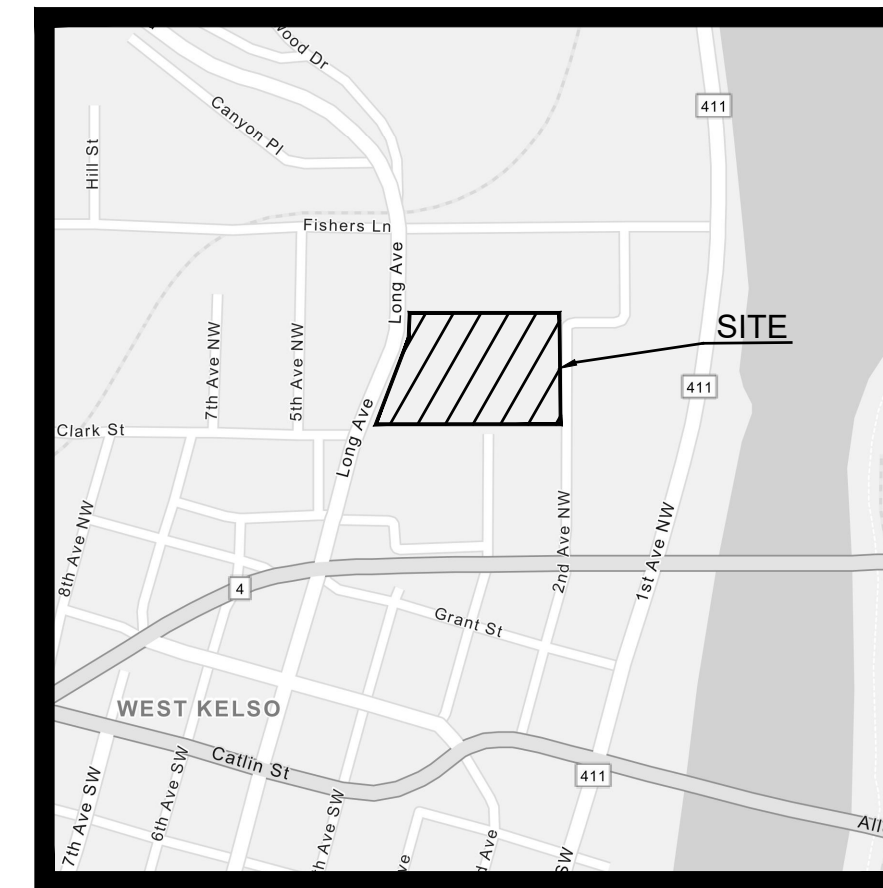
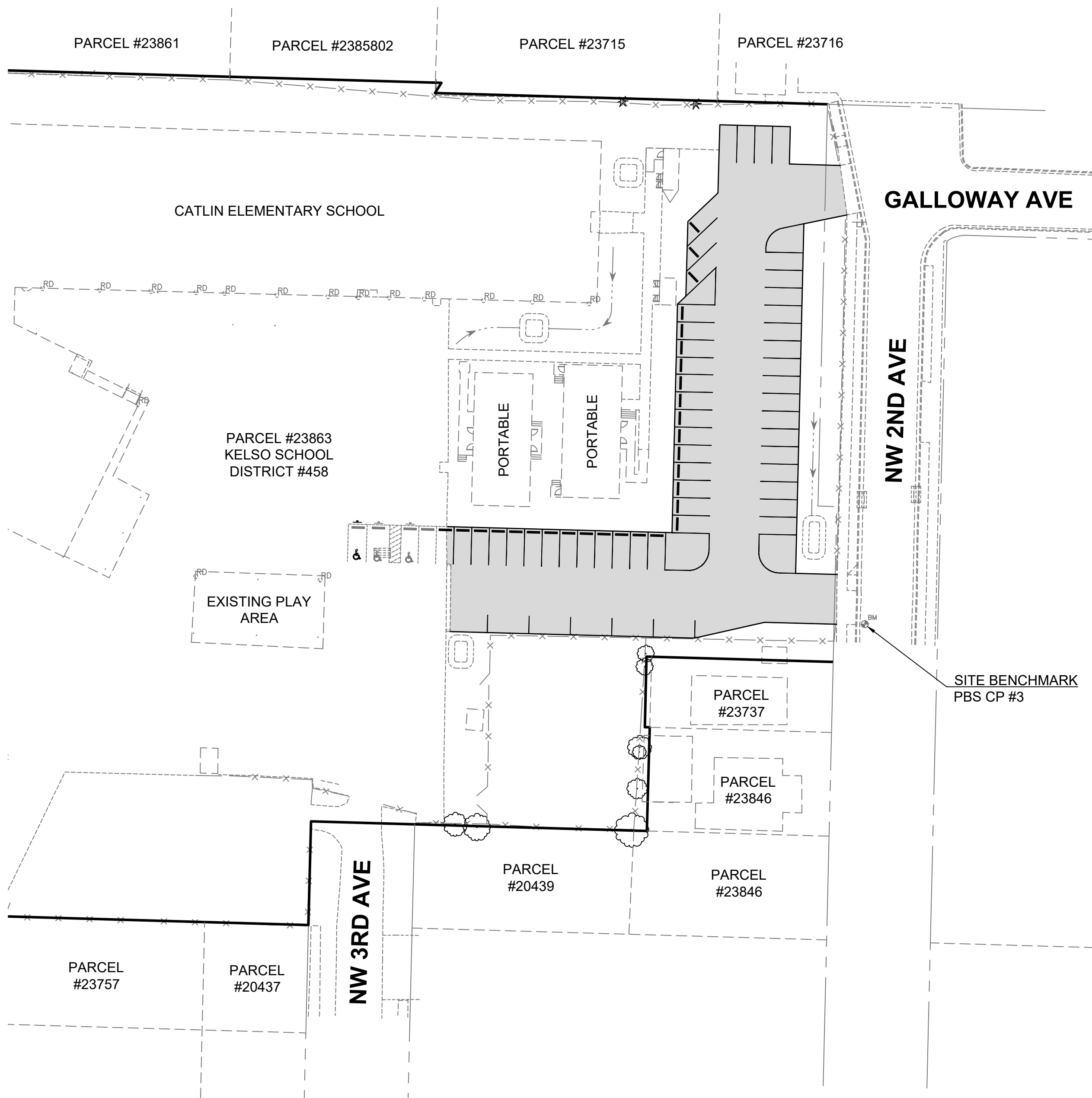
Civil Engineer:  
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PROJECT ADDRESS:  
404 Long Ave Kelso, WA 98626

BASIS OF BEARING:  
BASED ON OBSERVATIONS USING THE WASHINGTON STATE REFERENCE NETWORK (WSRN) HORIZONTAL DATUM: NAD 83\_2011 (EPOCH 2010.00) STATE PLANE COORDINATES (WASHINGTON SOUTH ZONE 4602)

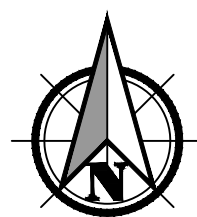
SITE BENCHMARK: PBS CP#3  
ELEVATION=24.90'  
N: 306764.08  
E: 1028013.70  
THE VERTICAL BENCHMARK IS A MAG NAIL SET IN ASPHALT LOCATED AT THE WEST SIDE OF NW 2ND AVENUE. 8' NORTHEAST OF A POWER POLE. 27' WEST OF A SANITARY SEWER 3-CLEANOUT CLUSTER, AND 3.8' EAST OF THE FACE OF CURB.



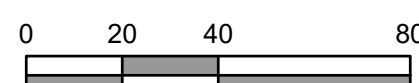
VICINITY MAP  
NOT TO SCALE

### SHEET INDEX

SHT NO.	SHI ID.	DESCRIPTION
1	C001	COVER SHEET
2	C002	LEGEND AND ABBREVIATIONS
3	C101	EXISTING CONDITIONS AND SITE PREP
4	C201	GRADING AND EROSION CONTROL PLAN
5	C301	SITE PLAN
6	C401	MISCELLANEOUS DETAILS
7	C402	EROSION CONTROL DETAILS



Scale 1" = 40'



"I HEREBY CERTIFY THAT THESE PLANS, AND RELATED DESIGN, WERE PREPARED IN CONFORMANCE WITH THE CITY OF KELSO'S ENGINEERING DESIGN MANUAL. I ACKNOWLEDGE THAT CITY APPROVAL OF THESE DOCUMENTS DOES NOT TRANSFER LIABILITY."

100% CD

PBS Engineering and Environmental Inc.  
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Vancouver, WA 98663  
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COVER SHEET FOR:  
**CATLIN ELEMENTARY - RESURFACING PROJECT**  
A SITE LOCATED IN THE CITY OF KELSO, WASHINGTON



09/13/24

DESIGNED:  
TJO  
CHECKED:  
PVR  
SEPTEMBER 2024  
71500.004

SHEET ID  
**C001**

SHEET 1 OF 7

**GENERAL NOTES**

1. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE LATEST EDITION OF THE KELSO ENGINEERING DESIGN MANUAL.
2. THE CONTRACTOR SHALL HAVE A COPY OF THESE PLANS, ADDENDA, CHANGE ORDERS, AND SWPPP ON THE JOB AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN AND UPDATE A FULL SIZE SET OF AS-BUILTS AND THE SWPPP.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONSTRUCTION EASEMENTS AND/OR RIGHT OF ENTRIES PRIOR TO CONSTRUCTION WORK.
4. EXISTING UTILITIES SHOWN ON THE PLANS ARE PER SURFACE LOCATING AND RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. IF CONFLICT EXISTS, NOTIFY UTILITY COMPANY AND ENGINEER.
5. IF EXISTING CURB AND SIDEWALK DEDICATED TO REMAIN IS DAMAGED, THE CURB AND/OR SIDEWALK SHALL BE REMOVED AND REPLACED TO THE ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSE.
6. ALL STREET SIGNS AND STRIPING SHALL BE INSTALLED PER THE CURRENT MUTCD.

**PBS - EROSION CONTROL NOTES**

1. APPROVAL OF THIS EROSION AND SEDIMENT CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN.
2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED, AND VEGETATION IS ESTABLISHED.
3. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
4. CARE SHOULD BE TAKEN TO NOT DISTURB MORE AREA THAN NEEDED FOR CONSTRUCTION REQUIREMENTS. ALL DISTURBED SOIL SURFACES ARE TO BE STABILIZED. STABILIZATION OF DISTURBED SOIL AREAS WILL CONSIST OF: HYDROSEEDING OR HANDSEEDING, MULCHING, PLACING OF EROSION CONTROL BLANKETS OR PLASTIC IN LANDSCAPING SOIL AREAS. IT WILL ALSO CONSIST OF PAVING AND CONCRETE WORK IN DRIVING, PARKING, AND SIDEWALK AREAS. ALL SEEDED AREAS ARE TO BE FERTILIZED, WATERED, AND MAINTAINED TO ENHANCE THE IMMEDIATE REGROWTH OF VEGETATION.
5. MATERIAL STOCKPILES ARE TO BE PROTECTED FROM PRECIPITATION BY THE FOLLOWING MEANS:
  - TEMPORARY - COVER PILES WITH TARPS OR PLASTIC SHEETING WEIGHTED WITH TIRES, LUMBER OR CONCRETE BLOCKS.
  - PERMANENT - COVER PILES WITH TARPS OR PLASTIC, OR RESEED. PERIMETER AREAS AROUND PILES ARE TO BE SURROUNDED WITH EROSION CONTROL FILTER FABRIC FENCES UNTIL SOILS SURFACE IS STABILIZED WITH RESEEDING.
6. ALL EROSION PREVENTION AND CONTROL BMPS SHALL BE INSPECTED, MAINTAINED AND REPAIRED AS NEEDED THROUGHOUT CONSTRUCTION TO INSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. INSPECTION AND MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO:
  - VERIFYING THAT ALL AREAS ARE GRADED SUCH THAT ALL RUNOFF IS DIRECTED TO A SEDIMENTATION TRAP FACILITY BEFORE DISCHARGING TO SURFACE.
  - REMOVAL OF TRAPPED SILTS AT SILT BARRIERS, SILT TRAPS, OR POINTS OF ACCUMULATION.
  - ADDITIONAL PROTECTIVE MEASURES, AS REQUIRED, DUE TO JOB SITE CONDITIONS.
  - IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE SURFACE IS TO BE CLEANED THOROUGHLY AT THE END OF EACH DAY.
7. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.
8. THE EXISTING GRAVEL IS EXPECTED TO ACT AS A STABILIZED CONSTRUCTION ENTRANCE. A WSDOT SPECIFIED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED IF LOOSE SOILS ARE OBSERVED TRACKING OUT INTO THE RIGHT-OF-WAY.
9. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
10. THIS SEDIMENTATION AND EROSION CONTROL PLAN IS INTENDED TO BE UTILIZED AS A GUIDE TO CONTROL THE TRANSPORTATION OF LOOSE SOILS FROM THE PROPERTY THAT CAUSE WATER QUALITY AND NUISANCE PROBLEMS OUTSIDE OF THE CONSTRUCTION AREA.
11. DEPENDING UPON THE CONTRACTOR'S CONSTRUCTION PRACTICES, SOME PORTIONS OF THE PROPOSED EROSION CONTROL PLAN MAY BE VARIED ACCORDING TO THE JOB SITE CONDITION. ALL CHANGES TO THE PLAN MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ADJUSTMENT.

**PBS - INADVERTENT DISCOVERY**

1. IN THE EVENT ANY ARCHAEOLOGICAL OR HISTORIC MATERIALS ARE ENCOUNTERED DURING PROJECT ACTIVITY, WORK IN THE IMMEDIATE AREA (INITIALLY ALLOWING FOR A 100' BUFFER; THIS NUMBER MAY VARY BY CIRCUMSTANCE) MUST STOP AND THE FOLLOWING ACTIONS TAKEN:
  - IMPLEMENT REASONABLE MEASURES TO PROTECT THE DISCOVERY SITE, INCLUDING ANY APPROPRIATE STABILIZATIONS OR COVERING; AND
  - TAKE REASONABLE STEPS TO INSURE THE CONFIDENTIALITY OF THE DISCOVERY SITE; AND,
  - TAKE REASONABLE STEPS TO RESTRICT ACCESS TO THE SITE OF DISCOVERY.

2. THE PROJECT PROPONENT WILL NOTIFY THE CONCERNED TRIBES AND ALL APPROPRIATE COUNTY, STATE, AND FEDERAL AGENCIES, INCLUDING THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION. THE AGENCIES AND TRIBE(S) WILL DISCUSS POSSIBLE MEASURES TO REMOVE OR AVOID CULTURAL MATERIAL, AND WILL REACH AN AGREEMENT WITH THE PROJECT PROPONENT REGARDING ACTIONS TO BE TAKEN AND DISPOSITION OF MATERIAL.
3. IF ANY CULTURAL RESOURCES AND OR HUMAN REMAINS ARE DISCOVERED IN THE COURSE OF UNDERTAKING THE DEVELOPMENT ACTIVITY, THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA SHALL BE NOTIFIED. FAILURE TO COMPLY WITH THESE STATE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND OR FINES.
4. SEE THE REVISED CODE OF WASHINGTON, CHAPTER 27.53, "ARCHAEOLOGICAL SITES AND RESOURCES," FOR APPLICABLE STATE LAWS AND STATUTES. SEE ALSO WASHINGTON STATE EXECUTIVE ORDER 05-05, "ARCHAEOLOGICAL AND CULTURAL RESOURCES." ADDITIONAL STATE AND FEDERAL LAW(S) MAY ALSO APPLY.

**PBS - SITE GRADING**

1. COMPACTION TESTING SHALL BE DONE IN ACCORDANCE WITH THE AASHTO T-99.
2. ANY EXCESS MATERIAL, NOT REQUIRED TO COMPLETE THE GRADES SHOWN ON THE PLANS SHALL BE HAULED FROM THE SITE TO A CONTRACTOR PROVIDED WASTE SITE.
3. ALL SURFACES SHALL BE GRADED SMOOTH AND FREE OF IRREGULARITIES THAT MIGHT ACCUMULATE SURFACE WATER.
4. ALL GRADING OPERATIONS AND DISTURBED SURFACE STABILIZATION SHALL BE IN ACCORDANCE WITH THE PROJECT'S EROSION CONTROL PLAN SHEETS.

Existing Linetype Legend		Proposed/Future Linetype Legend		Abbreviation Legend	
Existing Sanitary Sewer Pipe	---SS---SS---SS	Proposed Sanitary Sewer Pipe	=====	Acres	AC
Existing 4" Sanitary Sewer Pipe	---4" SS---4" SS	Proposed Storm Perf Pipe	=====	Assembly	ASSY
Existing 6" Sanitary Sewer Pipe	---6" SS---6" SS	Proposed Storm Pipe	=====	Avenue	AVE
Existing 8" Sanitary Sewer Pipe	---8" SS---8" SS	Proposed Water Lateral	=====	Approved	APP'D
Existing 10" Sanitary Sewer Pipe	---10" SS---10" SS	Proposed Water Pipe	=====	Butterfly	BF
Existing 12" Sanitary Sewer Pipe	---12" SS---12" SS	Proposed Irrigation Pipe	=====	Boulevard	BLVD
Existing 15" Sanitary Sewer Pipe	---15" SS---15" SS	Proposed Irrigation Lateral	=====	Benchmark	BM
Existing 18" Sanitary Sewer Pipe	---18" SS---18" SS	Proposed Lot Line	=====	Blow Off	BO
Existing 24" Sanitary Sewer Pipe	---24" SS---24" SS	Proposed Centerline	=====	Back Of Curb	BOC
Existing 30" Sanitary Sewer Pipe	---30" SS---30" SS	Proposed Right-of-way	=====	Begin Vertical Curve	BVC
Existing Sanitary Force Main	---FM---FM---FM	Proposed Sawcut Line	-----	Care Of	C/O
Existing Storm Sewer Pipe	---SD---SD---SD	Proposed Easement	=====	Catch Basin	CB
Existing 4" Storm Sewer Pipe	---4" SD---4" SD	Proposed Curb & Gutter	=====	Cubic Feet	CF
Existing 6" Storm Sewer Pipe	---6" SD---6" SD	Proposed Edge Of Pav't	=====	Cast Iron	CI
Existing 8" Storm Sewer Pipe	---8" SD---8" SD	Proposed Sidewalk	=====	Cement	CEM
Existing 10" Storm Sewer Pipe	---10" SD---10" SD	Proposed Wall	=====	Circle	CIR
Existing 12" Storm Sewer Pipe	---12" SD---12" SD	Proposed Building	=====	City of Kelso	COK
Existing 15" Storm Sewer Pipe	---15" SD---15" SD	Proposed Setback	=====	Centerline	CL
Existing 18" Storm Sewer Pipe	---18" SD---18" SD	Proposed Property Line	=====	Corrugated Metal Pipe	CMP
Existing 24" Storm Sewer Pipe	---24" SD---24" SD	Proposed Cut Line	-----	Cleanout	CO
Existing Water Pipe	---WL---WL---WL	Proposed Score Line	=====	City of Kelso	COK
Existing 4" Water Pipe	---4" WL---4" WL	Proposed Paint Stripe	=====	Compaction	COMP
Existing 6" Water Pipe	---6" WL---6" WL	Proposed Fence	---x---x---x---x---x	Concrete	CONC
Existing 8" Water Pipe	---8" WL---8" WL	Proposed Wetland Buffer	-----	Construction	CONST
Existing 10" Water Pipe	---10" WL---10" WL	Proposed Wetland Perimeter	-----	Corrugated Polyethylene	CPE
Existing 12" Water Pipe	---12" WL---12" WL	Proposed Contour	-----253	Concrete Sewer Pipe	CSP
Existing 15" Water Pipe	---15" WL---15" WL	Erosion Control Filter Fabric Fence	---x---x---x---x---x	Court	CT
Existing 18" Water Pipe	---18" WL---18" WL			Cubic Yard	CY
Existing 24" Water Pipe	---24" WL---24" WL			Cement	CEM
Existing Water Lateral	---WR---WR---WR			Depth	D
Existing Irrigation Pipe	---IRR---IRR---IRR			Ductile Iron	DI
Existing 4" Irrigation Pipe	---4" IRR---4" IRR			Diameter	DIA
Existing 6" Irrigation Pipe	---6" IRR---6" IRR			Ductile Iron Pipe	DIP
Existing 8" Irrigation Pipe	---8" IRR---8" IRR			Down Spout	DS
Existing 10" Irrigation Pipe	---10" IRR---10" IRR			Edge Of Pavement	EOP
Existing 12" Irrigation Pipe	---12" IRR---12" IRR			End Curb Return	ER
Existing Irrigation Lateral	---IRL---IRL---IRL			Easement	ESMT
Existing Cable TV Line	---TV---TV---TV			Existing	EXTG
Existing Electric Line	---E---E---E---E			Elevation	EL
Existing Gas Line	---G---G---G---G			Electric	ELEC
Existing Over Head Power Line	---OHP---OHP---OHP			End Vertical Curb	EVC
Existing Telephone Line	---T---T---T---T			Finished Floor	FF
Existing Fiber Optic Line	---FO---FO---FO			Finished Grade	FG
Existing Underground Utility Line	---UGP---UGP---UGP			Fire Hydrant	FH
Existing Centerline	=====			Flange	FLG
Existing Curb	=====			Force Main	FM
Existing Lot Line	=====			Foot / Feet	FT
Existing Gravel road	=====			Gas	G
Existing Paint Stripe	=====			Galvanized Iron	GI
Existing Right-of-way	=====			Ground	GRD
Existing Building	=====			Gate Valve	GV
Existing Wetland Perimeter	-----			High Density Polyethylene	HDPE
Existing Wetland Buffer	-----			Horizontal	HORIZ
Existing Property Line	=====			Invert Elevation	IE
Existing Utility Easement	=====			Intersection	INTX
Existing Quarter Section	=====			Lateral	LAT
Existing Railroad	=====			Maximum	MAX
Existing Fence	---x---x---x---x---x			Manhole	MH
Existing Wall	=====			Minimum	MIN
Existing Contour	-----253			Mechanical Joint	MJ
				Number	No. or #
				Pavement	PAVT
				Polyvinyl Chloride	PVC
				Proposed	PROP
				Rain Drain	RD
				Right Of Way	R/W
				Right	RT
				Sheet	SHT
				Sidewalk	S/W
				Street	ST
				Station Centerline	STA
				Standard	STD
				Sanitary	SAN
				Storm	STM
				Temporary Benchmark	TBM
				Top Of Curb	TC
				Temporary	TEMP
				Typical	TYP
				State of Washington Department of Transportation	WSDOT

Symbol Legend	
Existing Water Valve	
Existing Gas Valve	
Existing Fire Hydrant	
Existing Power Pole	
Existing Water Meter	
Existing Irrigation Box	
Existing Project Bench Mark	
Existing Light Fixture	
Existing Sanitary Manhole	
Existing Storm Manhole	
Existing Catch Basin	
Existing Area Drain	
Existing Power Vault	
Existing Power Transformer	
Existing Cleanout	
Existing Gas Meter	
Existing Sign	
Proposed Road Sign	
Proposed Flow Arrow	
Proposed Inlet Protection Pillow	
Proposed Gravel Construction Entrance	

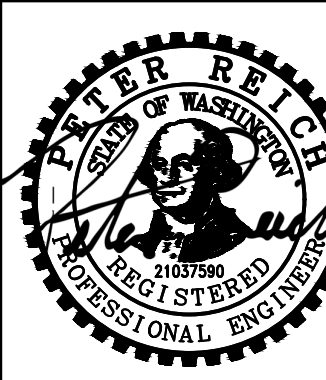
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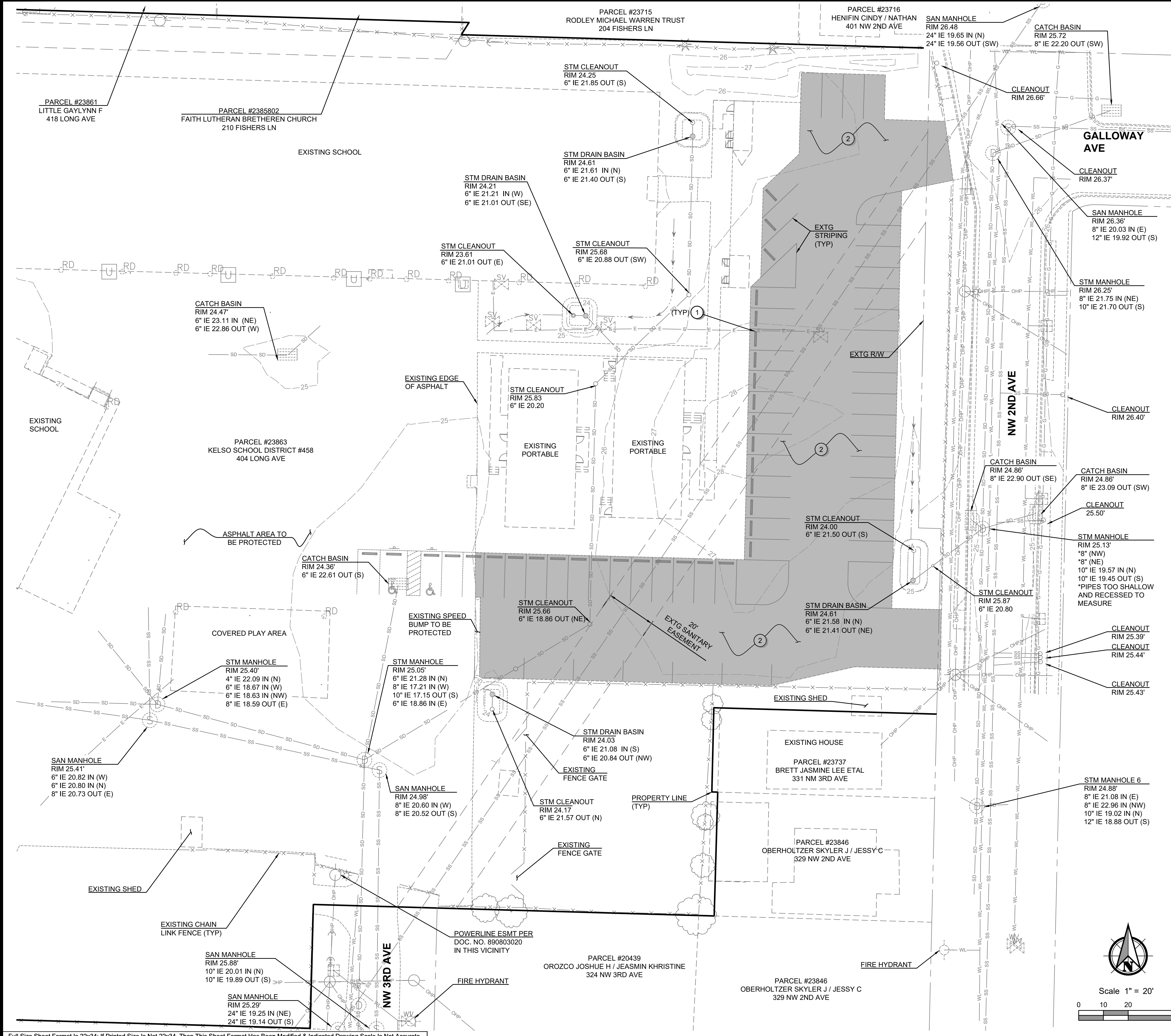
**LEGEND AND ABBREVIATIONS FOR:**  
**CATLIN ELEMENTARY - RESURFACING PROJECT**  
 A SITE LOCATED IN THE CITY OF KELSO, WASHINGTON



DESIGNED: TJO
CHECKED: PVR
SEPTEMBER 2024 71500.004
SHEET ID <b>C002</b>
SHEET <b>2</b> OF <b>7</b>

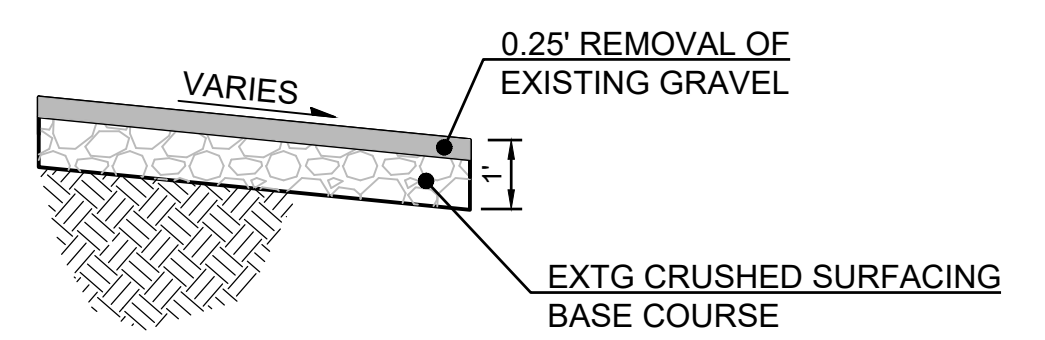
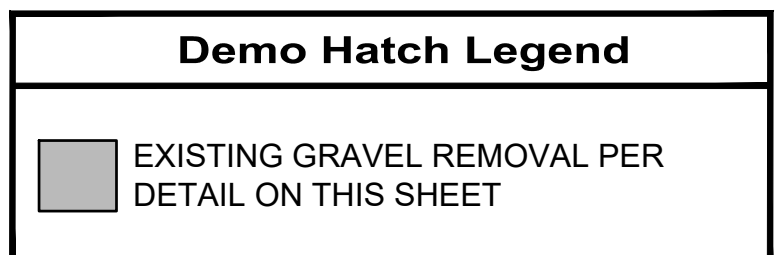
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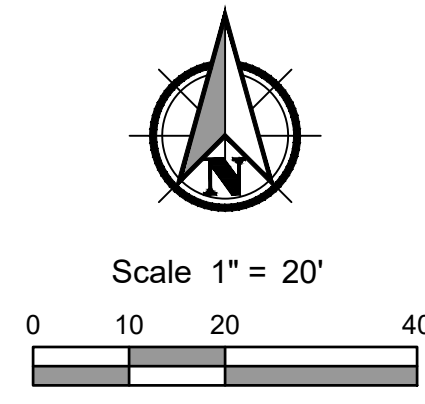


- GENERAL NOTES**
- FOR GENERAL NOTES AND LEGEND, SEE SHEET C002.
  - IF EXISTING CURB, SIDEWALK AND/OR PAVEMENT IS DAMAGED, THEN IT SHALL BE REMOVED AND REPLACED TO ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSE.
  - PROTECT ALL EXISTING ABOVE AND BELOW GROUND STRUCTURES AND UTILITIES UNLESS OTHERWISE NOTED.
  - CONTRACTORS SHALL POTHOLE AND CONFIRM LOCATIONS AND ELEVATIONS OF EXISTING INFRASTRUCTURE WHERE APPLICABLE. CONTACT THE ENGINEER OF RECORD IF A CONFLICT EXISTS.
  - ORIGINAL TOPOGRAPHIC SURVEY COMPLETED NOVEMBER 2020. ONSITE STORM INFORMATION UPDATED VIA SURVEY ASBUILTS PERFORMED SEPT 2021.

- EXISTING CONDITIONS AND SITE PREP KEYNOTES**
- REMOVE WHEEL STOPS IN EXISTING GRAVEL AREA AND SAVE FOR RE-INSTALLATION. SEE SHEET C301 FOR MORE INFORMATION.
  - REMOVE GRAVEL PER DETAIL ON THIS SHEET.



**Gravel Removal Detail**  
NTS



**100% CD**

**EXISTING CONDITIONS AND SITE PREP FOR:**  
**CATLIN ELEMENTARY - RESURFACING PROJECT**  
 A SITE LOCATED IN THE CITY OF KELSO, WASHINGTON



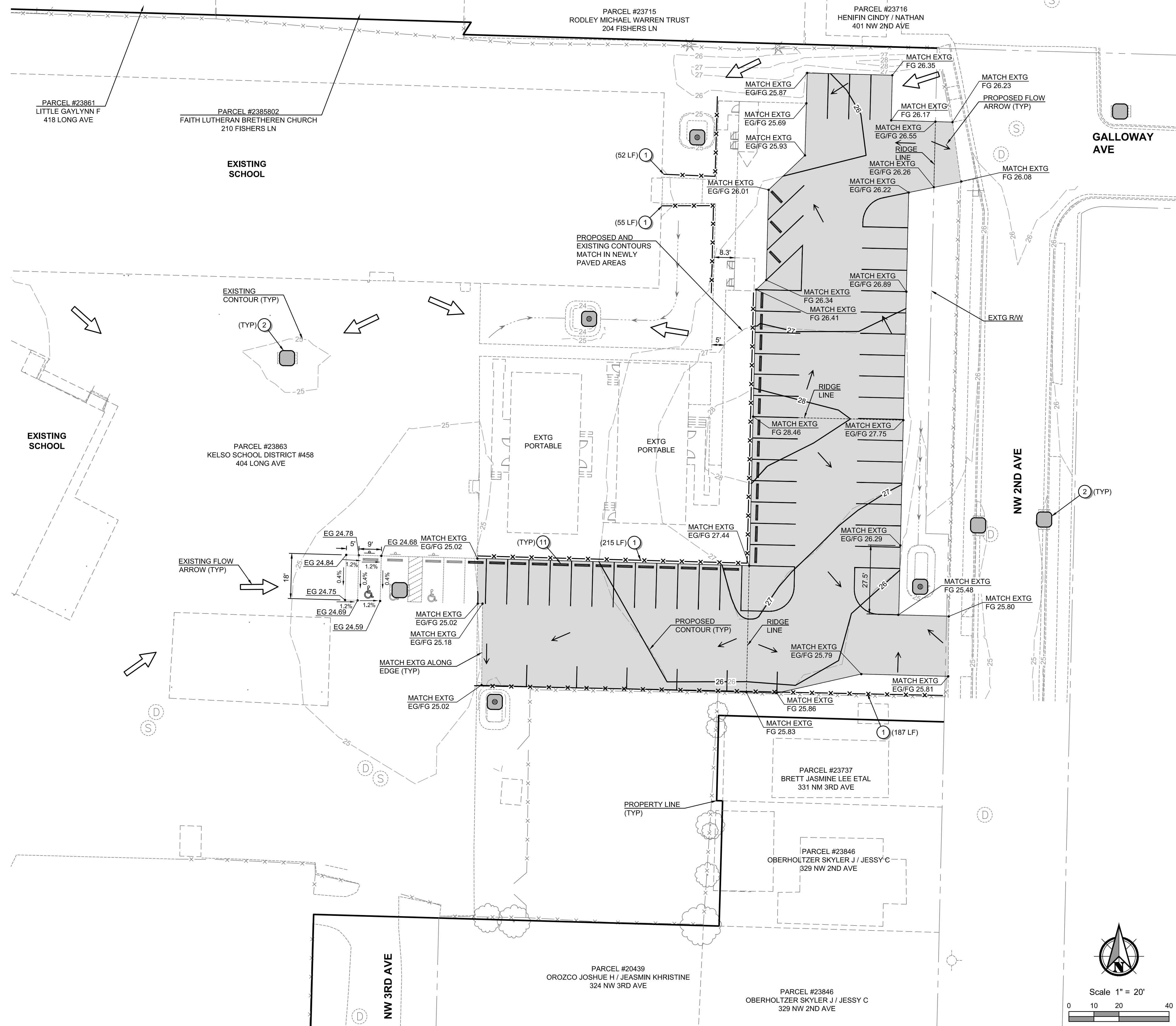
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SEPTEMBER 2024 71500.004
SHEET ID <b>C101</b>
SHEET <b>3</b> OF <b>7</b>

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CUT/FILL ESTIMATE *	
FILL	0 C.Y.
CUT (GRAVEL STRIPPINGS)	184 C.Y.
<b>NET CUT</b>	<b>184 C.Y.</b>

\* CUT AND FILL VOLUMES ACCOUNT FOR REMOVAL OF 0.25' OF GRAVEL TO ALLOW FOR NEW ASPHALT PAVING PER DETAIL ON SHEET C101.

**Proposed Hatch Legend**

PROPOSED ASPHALT. SEE SHEET C301 FOR MORE INFORMATION.

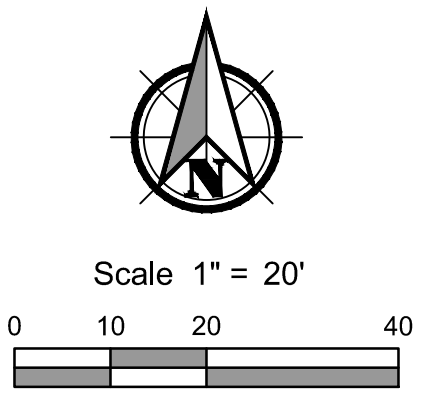
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**GRADING AND EROSION CONTROL PLAN FOR:**  
**CATLIN ELEMENTARY - RESURFACING PROJECT**  
 A SITE LOCATED IN THE CITY OF KELSO, WASHINGTON



DESIGNED: TJO  
 CHECKED: PVR  
 SEPTEMBER 2024  
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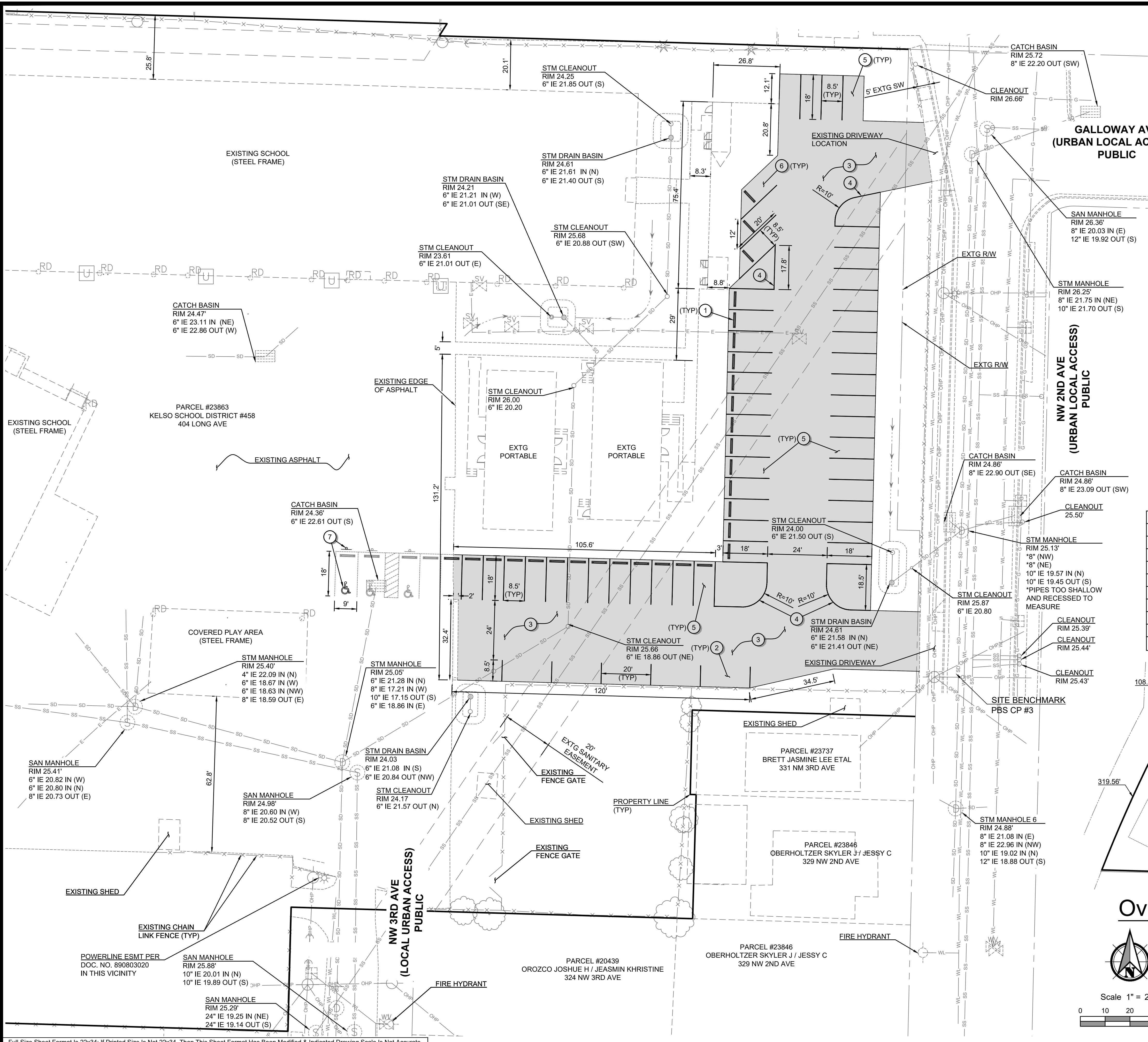
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**100% CD**

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- GENERAL NOTES**
- FOR GENERAL NOTES AND LEGEND, SEE SHEET C002.
  - IF EXISTING CURB, SIDEWALK AND/OR PAVEMENT DEDICATED TO REMAIN IS DAMAGED, THEN IT SHALL BE REMOVED AND REPLACED TO ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSE.
- SITE PLAN KEYNOTES**
- REINSTALL WHEEL STOPS THAT WERE REMOVED DURING SITE PREPARATION PER DETAIL ON SHEET C401.
  - INSTALL STANDARD PARALLEL PARKING STALL STRIPING PER DETAIL ON C401.
  - CONSTRUCT ASPHALT PAVING PER DETAIL ON SHEET C401.
  - 4" PAINTED WHITE STRIPE.
  - INSTALL STANDARD PARKING STALL STRIPING PER DETAIL ON C401.
  - INSTALL STANDARD ANGLED PARKING STALL STRIPING PER DETAIL ON C401.
  - INSTALL ADA PARKING SIGN AND PAVEMENT MARKING PER DETAILS ON C401.

**Proposed Hatch Legend**

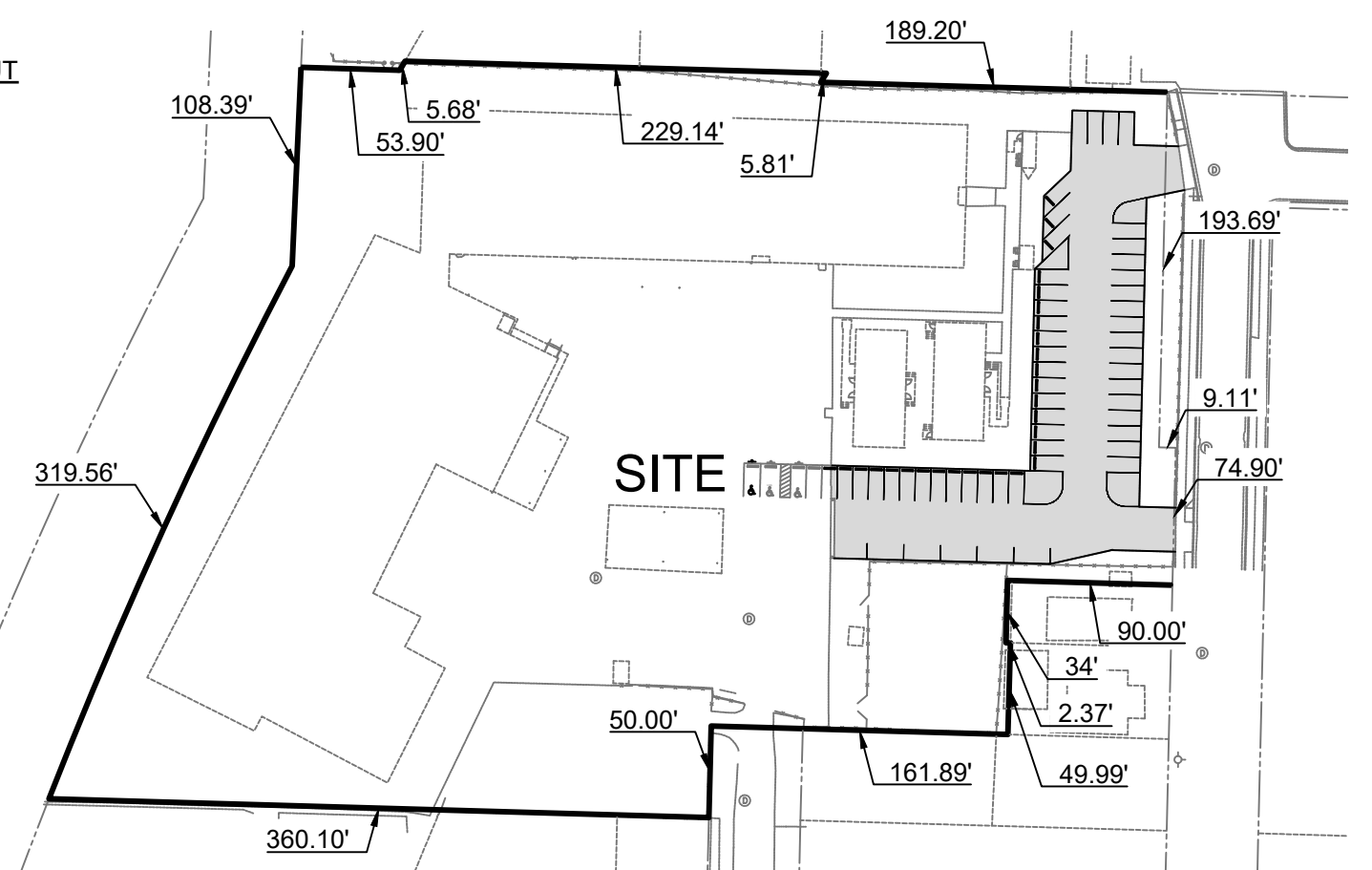
	PROPOSED ASPHALT.
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**PROPOSED PARKING LEGEND**

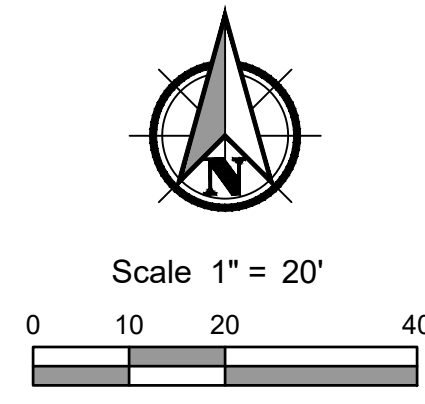
	COUNT	LENGTH (FT)	WIDTH (FT)
STANDARD	46	18	8.5
ANGLED	3	20	8.5
PARALLEL	6	18	8.5
EXTG STALL CONVERTED TO ADA STALL	1	18	9.0
<b>TOTAL</b>	<b>56</b>		

**LOT INFORMATION**

PARCEL NUMBER:	#23863
TOTAL PARCEL AREA	4.44 AC
PROPERTY OWNER	KELSO SCHOOL DIST #458
PROPERTY USE	EDUCATIONAL SERVICES
TOTAL PARKING STALLS	59 (UNCHANGED)
ZONING	RESIDENTIAL MIXED DENSITY (RMD)
OVERLAY DISTRICT	WEST KELSO OVERLAY
LAND USE DESIGNATION	HIGHER DENSITY RESIDENTIAL
BUILDING AREA (SQUARE FEET)	43,451 SF (UNCHANGED)
CRITICAL AREA	NONE
STORMWATER FACILITY	263 SF (UNCHANGED)

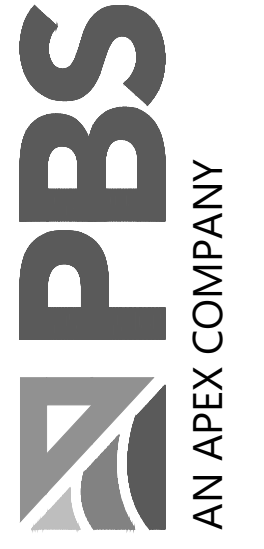


**Overall Parcel with Dimensions**

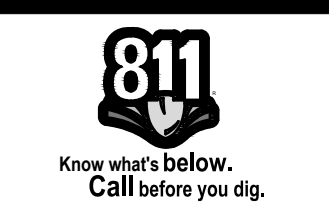


**100% CD**

PBS Engineering and Environmental Inc.  
 1325 SE Tech Center Drive  
 Vancouver, WA 98683  
 360.895.3488  
 pbsusa.com



**SITE PLAN FOR:**  
**CATLIN ELEMENTARY - RESURFACING PROJECT**  
 A SITE LOCATED IN THE CITY OF KELSO, WASHINGTON



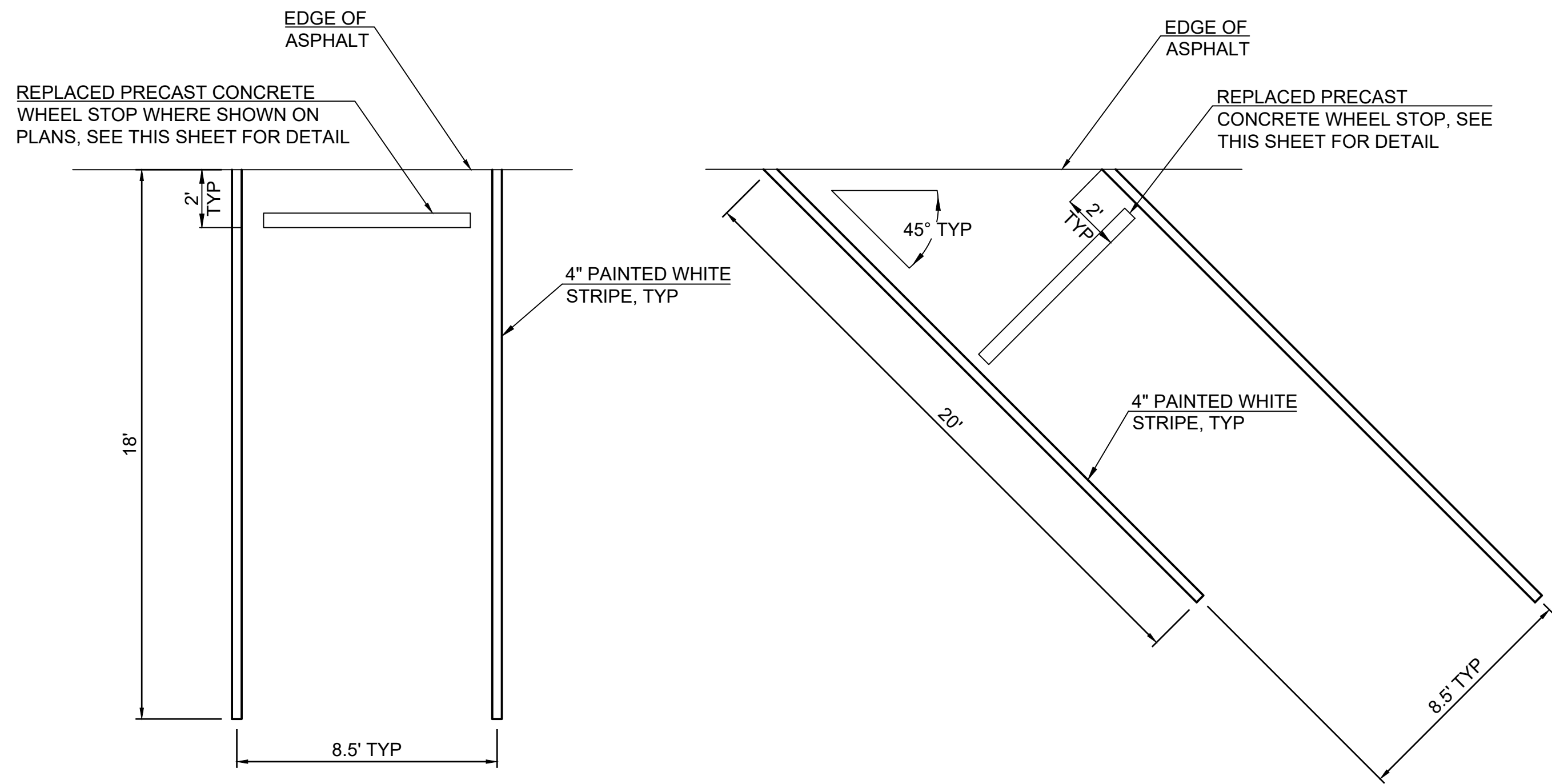
DESIGNED: TJO  
 CHECKED: PVR  
 SEPTEMBER 2024  
 71500.004

SHEET ID  
**C301**

SHEET 5 OF 7

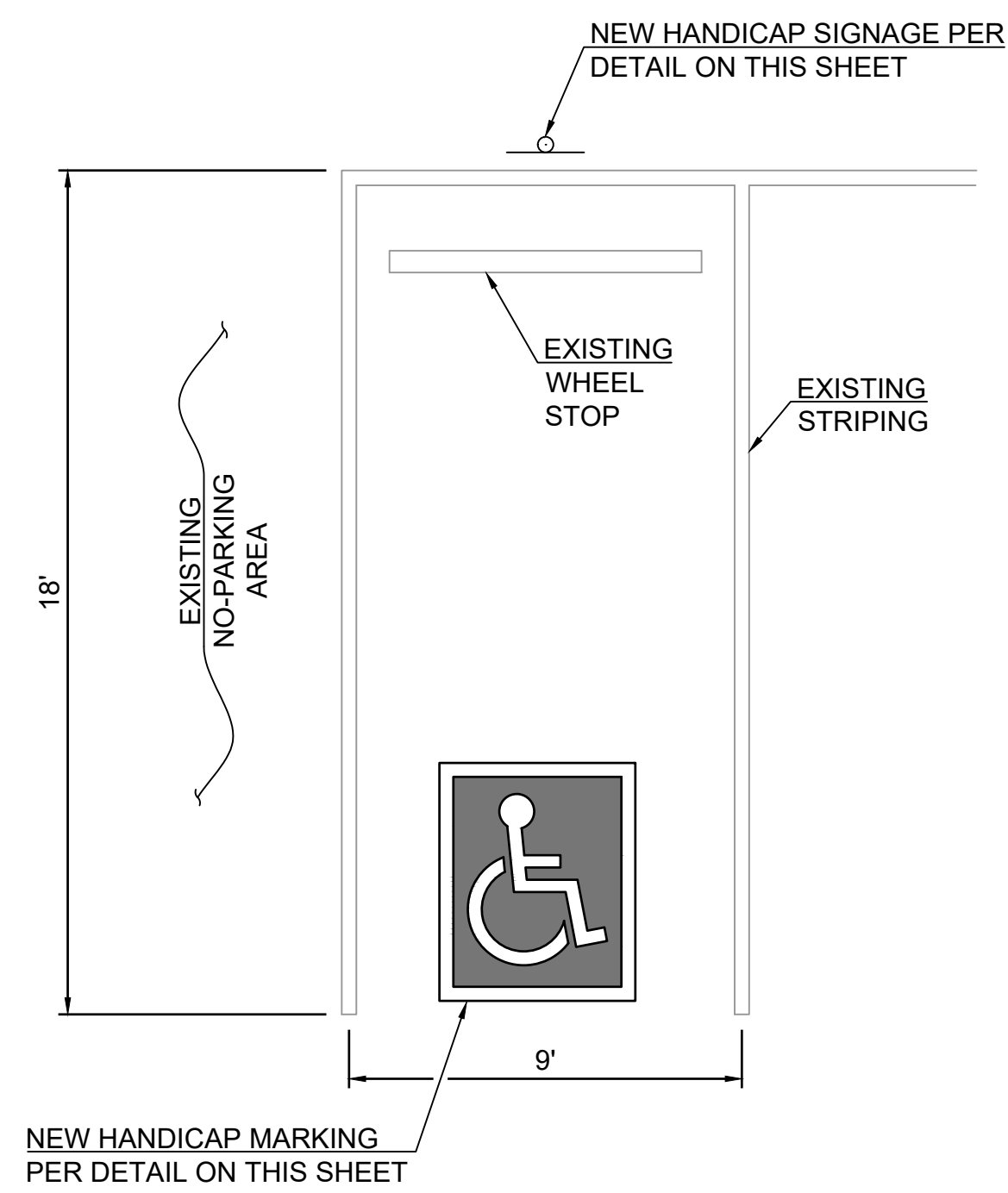
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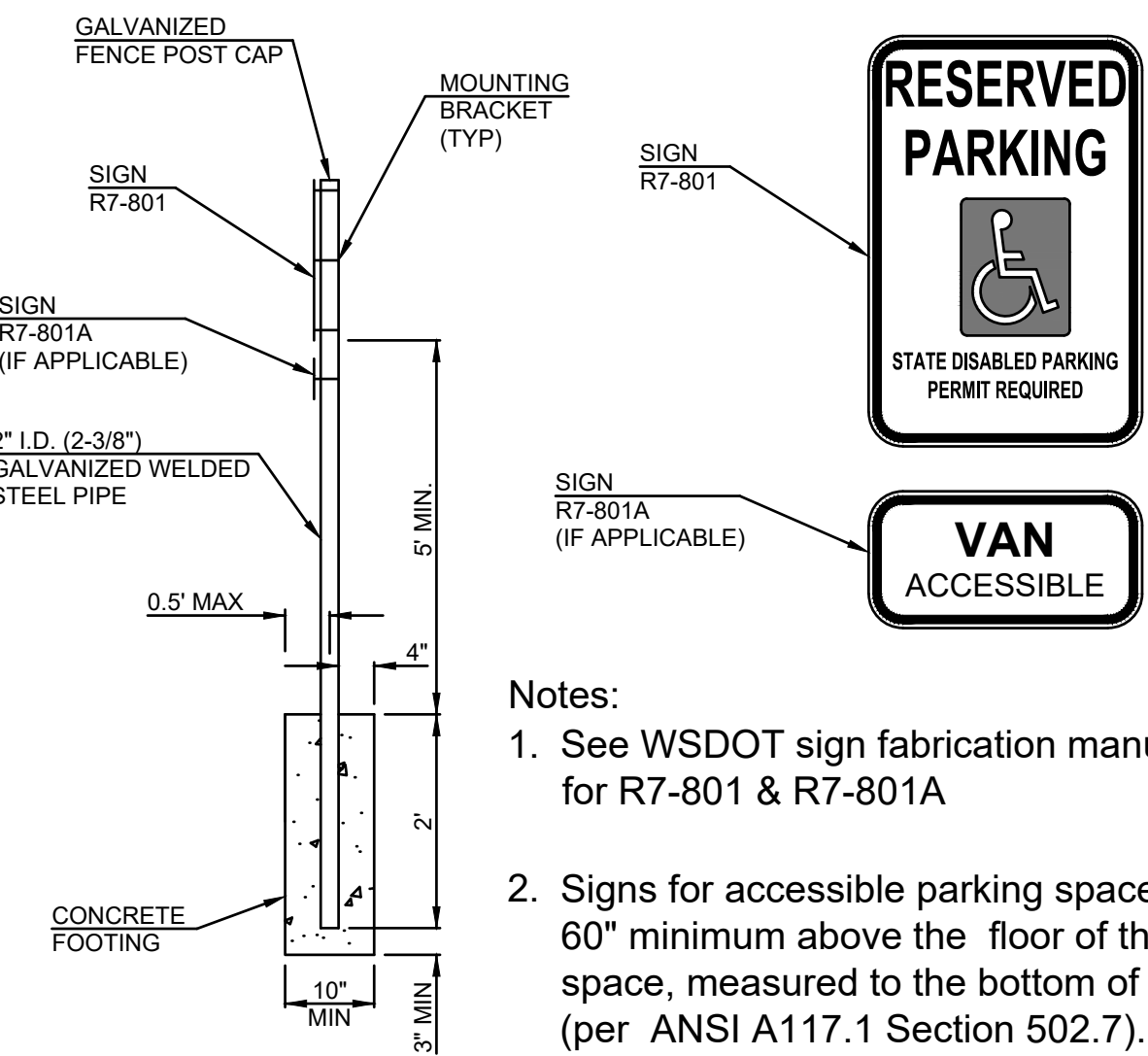


**Standard Parking Stall Detail**  
NTS

**Standard Angled Parking Stall Detail**  
NTS

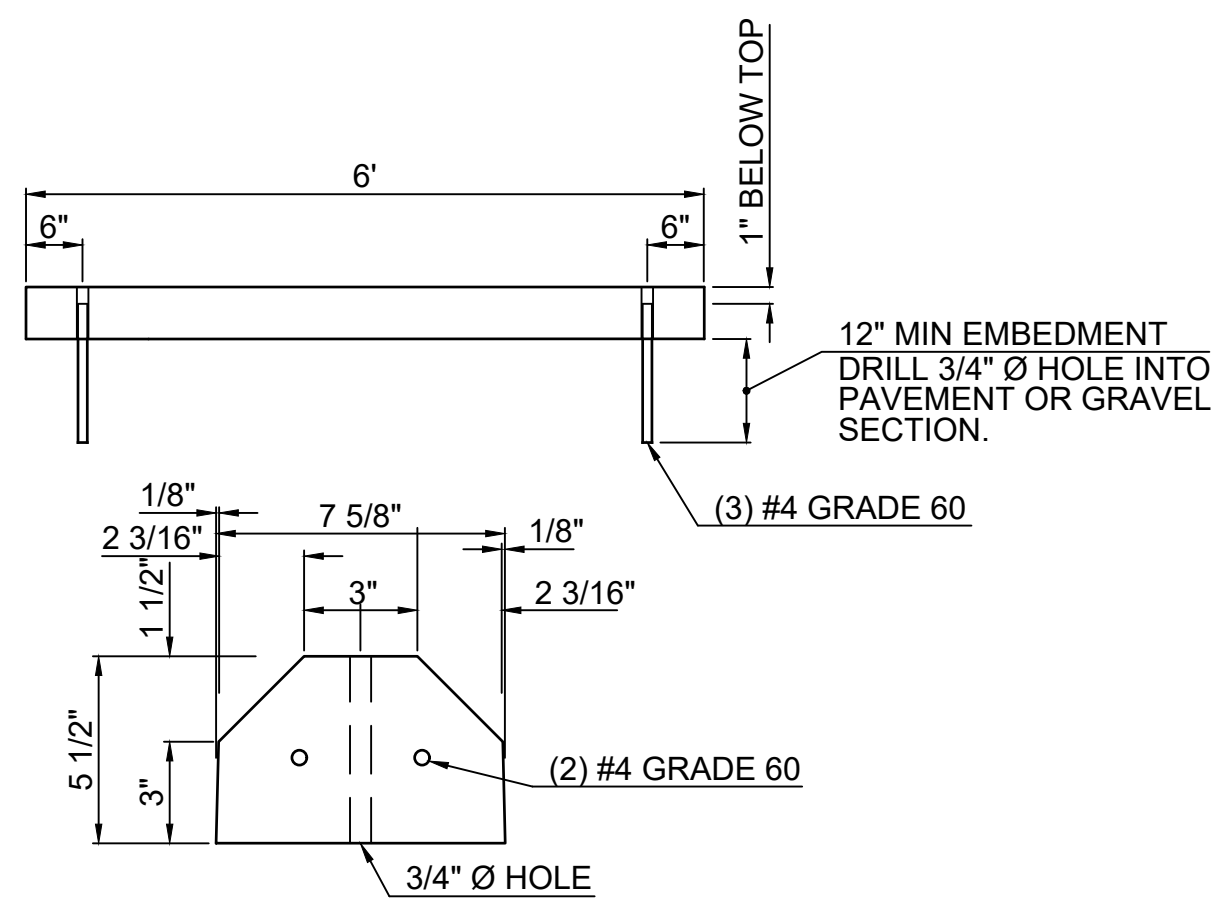


**ADA Marking and Sign Detail**  
NTS



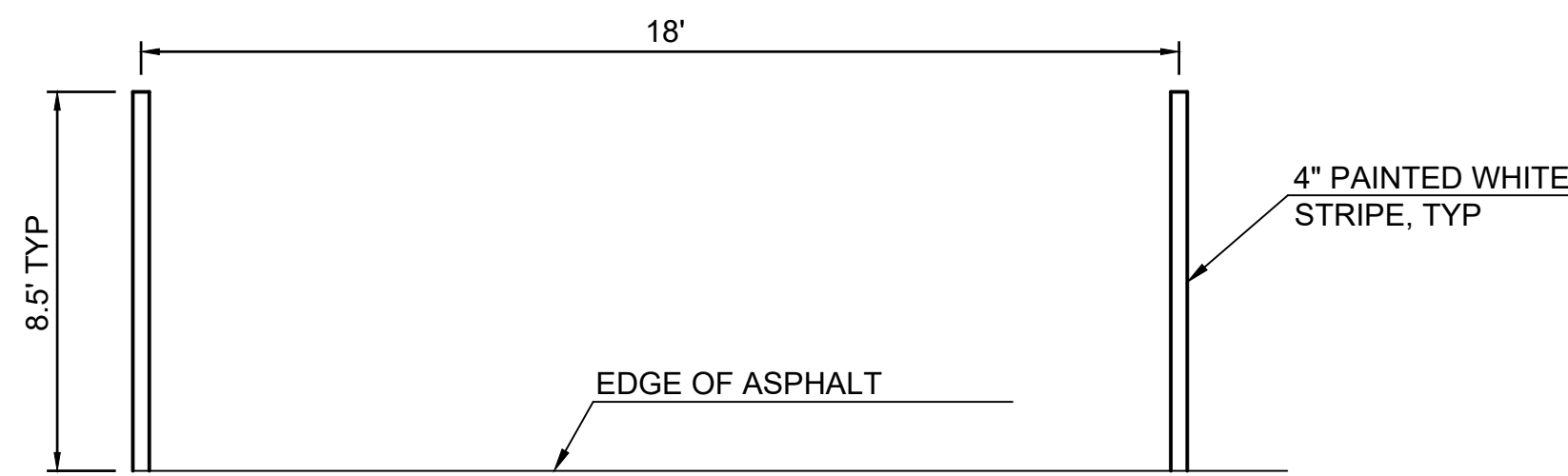
**Handicap Signage Detail**  
NTS

- Notes:
1. See WSDOT sign fabrication manual, details for R7-801 & R7-801A
  2. Signs for accessible parking spaces shall be 60" minimum above the floor of the parking space, measured to the bottom of the sign, (per ANSI A117.1 Section 502.7).
  3. For signs located in planting areas, substitute 8' poles (install 5' above grade & 3' below grade). Sign shall be located at least 1' cl. From back of walk. Top of footing shall be level with bottom of bark mulch layer.

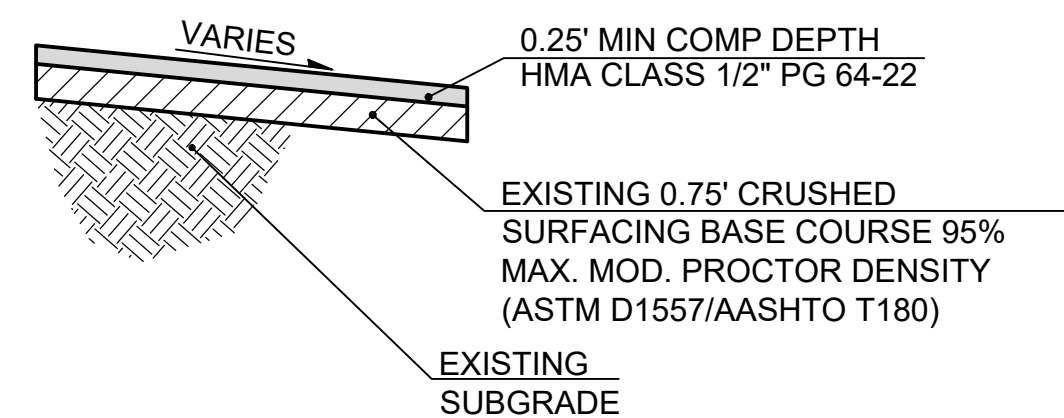


**Precast Concrete Wheel Stop**  
NTS

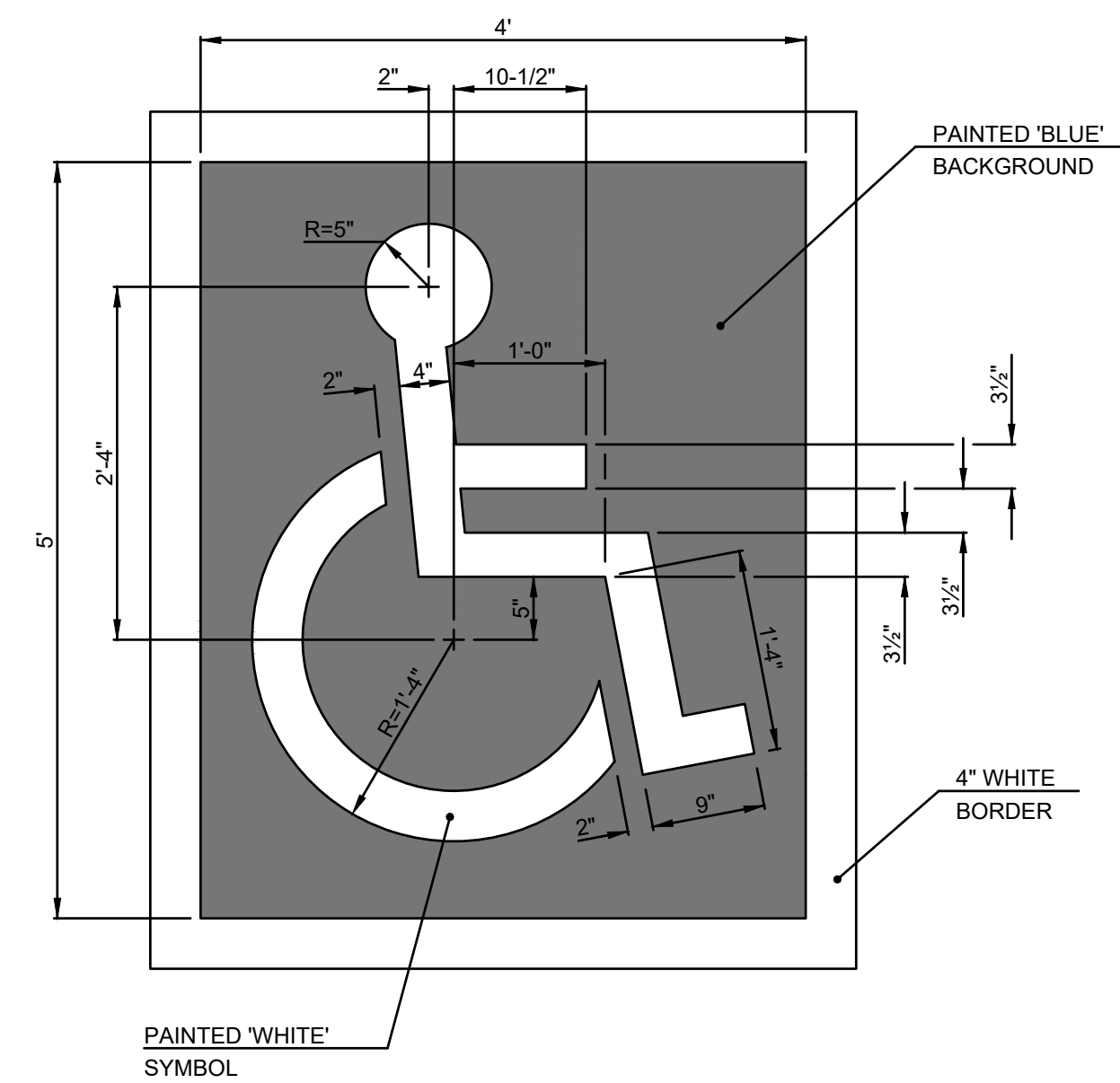
- NOTES:
1. REUSE EXISTING WHEEL STOPS. IF WHEEL STOPS ARE DAMAGED DURING CONSTRUCTION ACTIVITIES, WHEEL STOPS TO BE REPLACED IN-KIND AT CONTRACTOR'S EXPENSE. (WHEEL STOP SHALL BE PRECAST CONCRETE. INSTALL "6" WHEEL STOP" AS MANUFACTURED BY MICHAELS PRECAST CONCRETE, OR APPROVED EQUAL.)
  2. INSTALL ON CENTER OF PARKING SPACE. SEE DETAIL ON THIS SHEET FOR ADDITIONAL PLACEMENT INFORMATION.
  3. PLUG TOPS.



**Standard Parallel Parking Stall Detail**  
NTS



**Asphalt Paving Typical Section**  
NTS

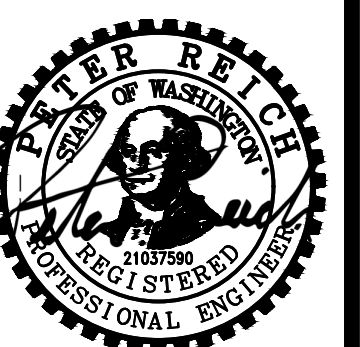


**Handicap Marking Detail**  
NTS

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MISCELLANEOUS DETAILS FOR:  
**CATLIN ELEMENTARY - RESURFACING PROJECT**  
A SITE LOCATED IN THE CITY OF KELSO, WASHINGTON



DESIGNED: TJO  
CHECKED: PVR  
SEPTEMBER 2024  
71500.004

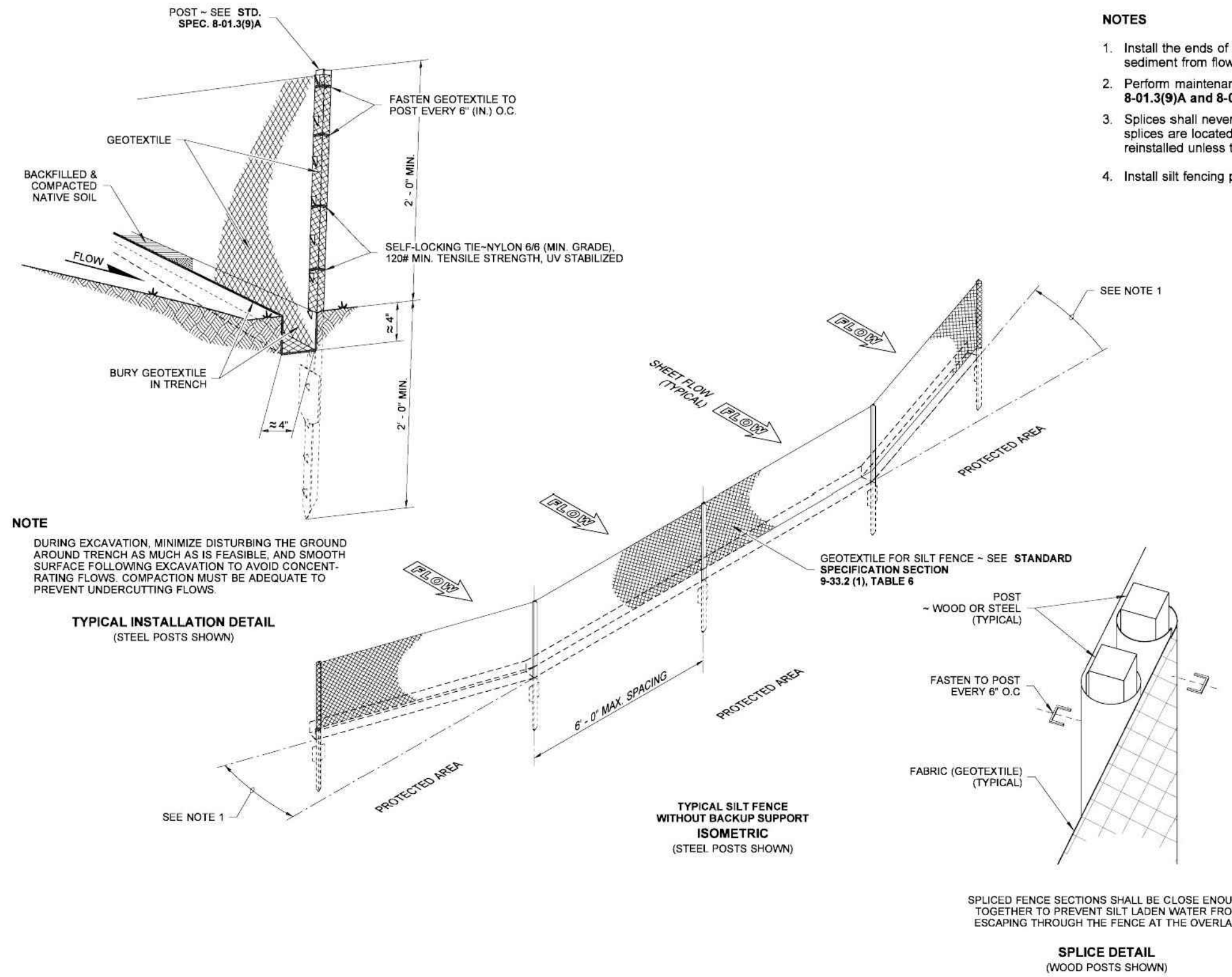
SHEET ID  
**C401**

SHEET 6 OF 7

**100% CD**

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DRAWN BY: BILL BERENS



**NOTES**

1. Install the ends of the silt fence to point slightly upslope to prevent sediment from flowing around the ends of the fence.
2. Perform maintenance in accordance with **Standard Specifications 8-01.3(9)A and 8-01.3(15)**.
3. Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless the Project Engineer approves the installation.
4. Install silt fencing parallel to mapped contour lines.

DRAWN BY: LISA CYPFORD



**SILT FENCE**

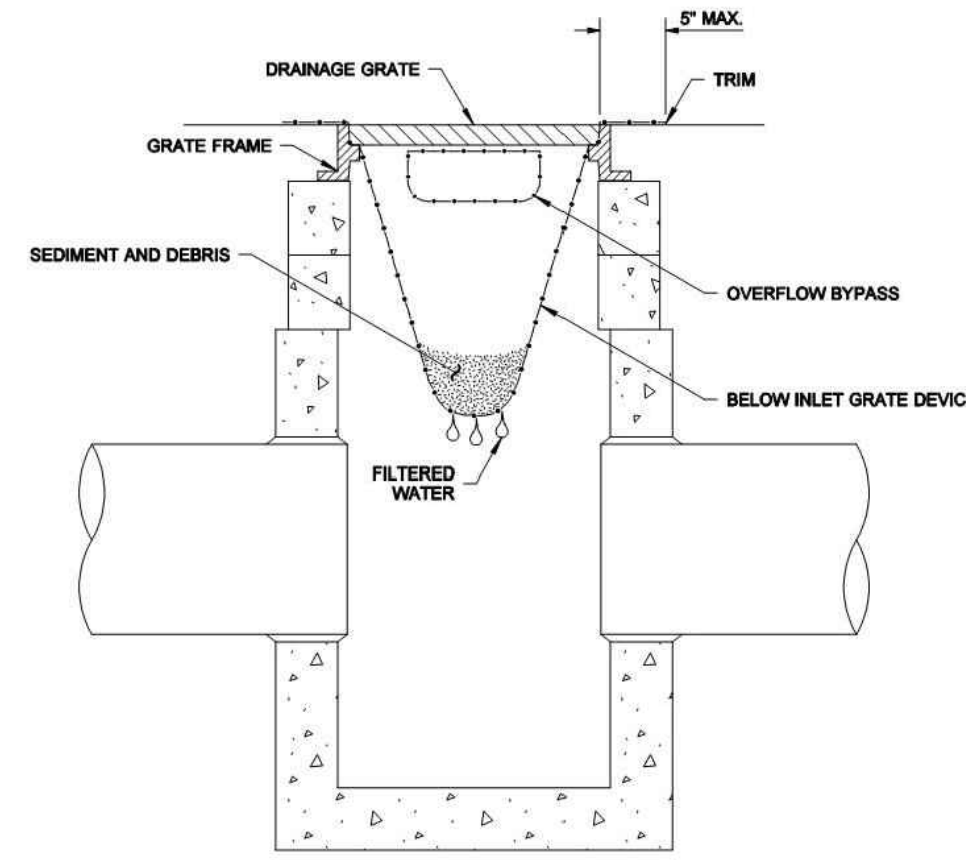
**STANDARD PLAN I-30.15-02**

SHEET 1 OF 1 SHEET

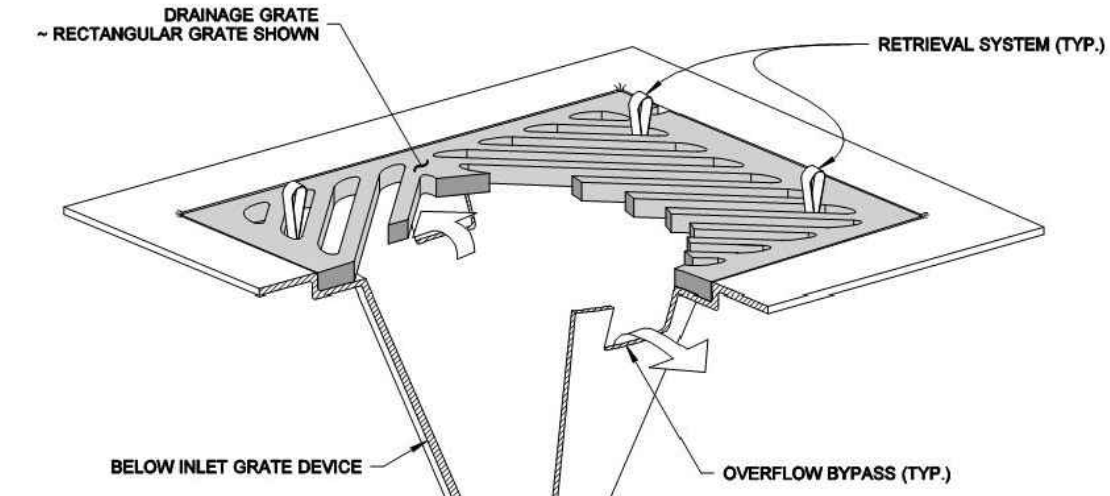
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 3/22/13  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation



**SECTION VIEW**  
NOT TO SCALE



**ISOMETRIC VIEW**



**STORM DRAIN INLET PROTECTION**

**STANDARD PLAN I-40.20-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 09-20-07  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

**NOTES**

1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.
2. The BIGD shall have a built-in high-flow relief system (overflow bypass).
3. The retrieval system must allow removal of the BIGD without spilling the collected material.
4. Perform maintenance in accordance with Standard Specification 8-01.3(15).

EROSION CONTROL DETAILS FOR:

**CATLIN ELEMENTARY - RESURFACING PROJECT**

A SITE LOCATED IN THE CITY OF KELSO, WASHINGTON



DESIGNED:  
TJO

CHECKED:  
PVR

SEPTEMBER 2024  
71500.004

SHEET ID  
**C402**

SHEET 7 OF 7

**100% CD**