

**A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON**

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE ORGANIZATION SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRE REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
8. DURING CONSTRUCTION, ALL EXISTING AND NEWLY INSTALLED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SEDIMENTS.
9. ALL STORM MANHOLES SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.01. FLOW CONTROL MANHOLE/OIL WATER SEPARATOR SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.06 AND 02.01.07.
10. MANHOLE RING AND COVER SHALL CONFORM TO CITY STANDARD DETAIL 06.01.02.
11. CATCH BASIN TYPE I SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.02 AND 02.01.03 AND SHALL BE USED ONLY FOR DEPTHS LESS THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
12. CATCH BASIN TYPE II SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.04 AND SHALL BE USED FOR DEPTHS GREATER THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
13. CAST IRON OR DUCTILE IRON FRAME AND GRATE SHALL CONFORM TO CITY STANDARD DETAIL NO. 02.01.05. GRATE SHALL BE MARKED WITH "DRAINS TO STREAM". SOLID CATCH BASINS (SQUARE UNLESS NOTED AS ROUND) SHALL CONFORM TO WSDOT STANDARD PLAN B-30.20-.04 (OLYMPIC FOUNDRY NO. S860 OR EQUIV.). VANED GRATES SHALL CONFORM TO WSDOT STANDARD PLAN B-30.30-.03 (OLYMPIC FOUNDRY NO. S860V OR EQUIV.).
14. STORMWATER PIPE SHALL BE ONLY PVC, CONCRETE, DUCTILE IRON, OR DUAL WALLED POLYPROPYLENE PIPE.
 - A. THE USE OF ANY OTHER TYPE SHALL BE REVIEWED AND APPROVED BY THE ENGINEERING SERVICES STAFF PRIOR TO INSTALLATION.
 - B. PVC PIPE SHALL BE PER ASTM D3034, SDR 35 FOR PIPE SIZE 15-INCH AND SMALLER AND F879 FOR PIPE SIZES 18 TO 27 INCH. MINIMUM COVER ON PVC PIPE SHALL BE 3.0 FEET.
 - C. CONCRETE PIPE SHALL CONFORM TO THE WSDOT STANDARD SPECIFICATIONS FOR CONCRETE UNDERDRAIN PIPE. MINIMUM COVER ON CONCRETE PIPE SHALL NOT LESS THAN 3.0 FEET.
 - D. DUCTILE IRON PIPE SHALL BE CLASS 50, CONFORMING TO AWWA C151. MINIMUM COVER ON DUCTILE IRON PIPE SHALL BE 1.0 FOOT.
 - E. POLYPROPYLENE PIPE (PP) SHALL BE DUAL WALLED, HAVE A SMOOTH INTERIOR AND EXTERIOR CORRUGATIONS AND MEET WSDOT 9-5.24(7). 12-INCH THROUGH 30-INCH PIPE SHALL MEET OR EXCEED ASTM F2738 AND AASHTO M330, TYPE S, OR TYPE D. 36-INCH THROUGH 60-INCH PIPE SHALL MEET OR EXCEED ASTM F2881 AND AASHTO M330, TYPE S, OR TYPE D. TESTING SHALL BE PER ASTM F1417. MINIMUM COVER OVER POLYPROPYLENE PIPE SHALL BE 3 FEET.
15. TRENCHING, BEDDING, AND BACKFILL FOR PIPE SHALL CONFORM TO CITY STANDARD DETAIL NO. 06.01.01.
16. STORM PIPE SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
17. ALL STORM DRAIN MAINS SHALL TESTED AND INSPECTED FOR ACCEPTANCE AS OUTLINED IN SECTION 406 OF THE CITY OF PUYALLUP SANITARY SEWER SYSTEM STANDARDS.
18. ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES, AND PROTECTIVE MEASURES FOR CRITICAL AREAS AND SIGNIFICANT TREES SHALL BE INSTALLED PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES.

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5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY ENGINEER PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS HOURS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
8. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LOADED WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ONSITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
9. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SITUATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADJACENT FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
10. APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.
11. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL. TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
12. IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.
13. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL RISK ZONE FOR VEGETATION PROPOSED FOR RETENTION.

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2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT THE CONTRACTOR SHALL OBTAIN A PUNCH LIST PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
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7. ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
8. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY.
9. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.
10. POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.
11. ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.
12. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.
13. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
14. A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY, SOUTHWEST REGION OFFICE AT (360)407-6300.
15. ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.

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7. ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
8. MONUMENTS SHALL BE INSTALLED AT ALL STREET INTERSECTIONS, AT ANGLE POINTS, AND POINTS OF CURVATURE IN EACH STREET. ALL BOUNDARY MONUMENTS MUST BE INSTALLED ACCORDING TO THE WASHINGTON STATE SUBDIVISION LAWS.
9. CURB AND GUTTER INSTALLATION SHALL CONFORM TO CITY STANDARD DETAIL 01.02.09.
10. SIDEWALKS AND DRIVEWAYS SHALL BE INSTALLED AS LOTS ARE BUILT ON. SIDEWALKS AND DRIVEWAYS SHALL CONFORM TO CITY STANDARD DETAIL 01.02.01, 01.02.02 AND 01.02.03. ASPHALT IS DAMAGED DURING REPLACEMENT OF CURB AND GUTTER, THE REPAIR SHALL CONFORM TO CITY STANDARD DETAIL 01.02.10.
11. THE SURROUNDING GROUND (5 FEET BEYOND THE BASE) FOR ALL POWER TRANSFORMERS, TELEPHONE/TV PEDESTALS, AND STREET LIGHT MAIN DISCONNECTS SHALL BE GRADED TO A POSITIVE 2 PERCENT SLOPE FROM TOP OF CURB.
12. SIGNAGE AND TRAFFIC CONTROL DEVICES ARE SAFETY ITEMS AND SHALL BE INSTALLED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY OR PLAT APPROVAL. HOWEVER, IN LARGER DEVELOPMENTS, EXACT LOCATIONS OF STOP AND YIELD SIGNS MAY NEED BE DETERMINED AFTER FULL BUILDOUT WHEN TRAFFIC PATTERNS HAVE BEEN ESTABLISHED. IN THIS CASE, CONTRACTOR SHALL PROVIDE INTERIM "CITY-PLACED" SIGNS, SIGNPOSTS, AND BRACKETS TO THE CITY SIGN SPECIALIST (253) 841-5471 FOR LATER INSTALLATION BY THE CITY. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
13. PRIOR TO ANY SIGN OR STRIPING INSTALLATION OR REMOVAL, THE CONTRACTOR SHALL CONTACT THE CITY SIGN SPECIALIST (253) 841-5471 TO ARRANGE FOR AN ON-SITE MEETING TO DISCUSS PLACEMENT AND UNIFORMITY.
14. NEW OR REVISED STOP SIGNS OR YIELD SIGNS SHALL BE ADVANCE WARNED USING THE PROCEDURE OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

No.	Revision:	Int.	Date
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C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING

29 - 29TH ST. NE, SUITE D
PUYALLUP, WA 98372
PH: (253) 848-4282
ceservices@cesnvinc.com

129 - 29TH ST. NE, SUITE D
PUYALLUP, WA 98372

**ARKING LOT CLEANING
CONSTRUCTION NOTES**

PRO VAC

Project:

Designed:	DPS
Drawn:	MFE
Checked:	CAD

Scale: N/A
Date: 09/15/23
Job No.: 20083

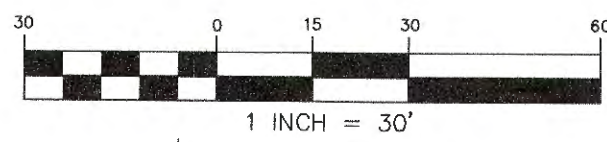
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C2

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BEST PARKING LOT CLEANING

A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON



APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE:

NOTE: THIS APPROVAL IS VOID AFTER
180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE
FOR ERRORS AND/OR OMISSIONS ON
THESE PLANS.
FIELD CONDITIONS MAY DICTATE
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ENGINEERING MANAGER.

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Int:

Revision:

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C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING
429 - 29TH ST. NE, SUITE D
PUYALLUP, WA 98372
PH: (253) 848-4292
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BEST PARKING LOT CLEANING
T.E.S.C. PLAN

PRO VAC

Project:

Client:

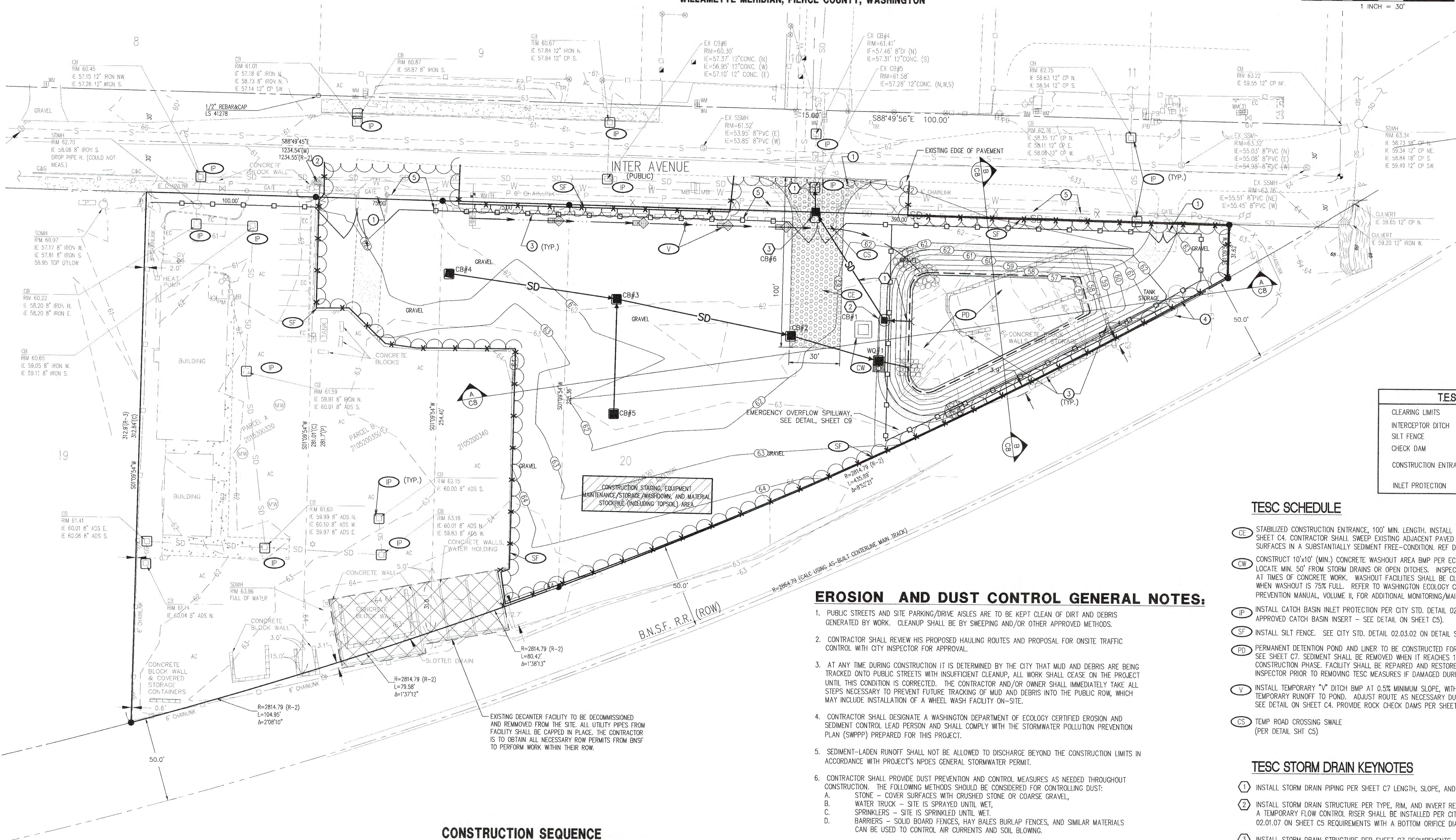
Designed: DPS
Drawn: MFB
Checked: CAD

Scale: 1"=30'
Date: 09/15/23
Job No.: 20083

Sheet No.:

C3

3 of 10 Sheets



T.E.S.C. LEGEND	
CLEARING LIMITS	
INTERCEPTOR DITCH	
SILT FENCE	
CHECK DAM	
CONSTRUCTION ENTRANCE	
INLET PROTECTION	

T.E.S.C. SCHEDULE

- CE STABILIZED CONSTRUCTION ENTRANCE, 100' MIN. LENGTH. INSTALL PER CITY STD. DETAIL NO. 05.01.01 ON SHEET C4. CONTRACTOR SHALL SWEEP EXISTING ADJACENT PAVED AREAS AS NECESSARY TO KEEP THOSE SURFACES IN A SUBSTANTIALLY SEDIMENT FREE-CONDITION. REF DEMOLITION KEYNOTE 1.
- CW CONSTRUCT 10'x10' (MIN.) CONCRETE WASHOUT AREA BMP PER ECOLOGY DETAIL FIGURE II-4.1.7b/C4. LOCATE MIN. 50' FROM STORM DRAINS OR OPEN DITCHES. INSPECT DAILY TO VERIFY PERFORMANCE AT TIMES OF CONCRETE WORK. WASHOUT FACILITIES SHALL BE CLEANED, OR NEW FACILITIES CONSTRUCTED WHEN WASHOUT IS 75% FULL. REFER TO WASHINGTON ECOLOGY CONSTRUCTION STORMWATER POLLUTION PREVENTION MANUAL, VOLUME II, FOR ADDITIONAL MONITORING/MAINTENANCE TECHNIQUES.
- IP INSTALL CATCH BASIN INLET PROTECTION PER CITY STD. DETAIL 02.03.05 ON SHEET C4, (OR APPROVED CATCH BASIN INSERT - SEE DETAIL ON SHEET C5).
- SF INSTALL SILT FENCE. SEE CITY STD. DETAIL 02.03.02 ON DETAIL SHEET C4.
- PD PERMANENT DETENTION POND AND LINER TO BE CONSTRUCTED FOR USE AS T.E.S.C. POND DURING CONSTRUCTION. SEE SHEET C7. SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1-FOOT IN DEPTH AND AT END OF CONSTRUCTION PHASE. FACILITY SHALL BE REPAIRED AND RESTORED TO THE SATISFACTION OF THE CITY INSPECTOR PRIOR TO REMOVING T.E.S.C. MEASURES IF DAMAGED DURING CONSTRUCTION.
- V INSTALL TEMPORARY "V" DITCH BMP AT 0.5% MINIMUM SLOPE, WITH CHECK DAMS, TO DRAIN TEMPORARY RUNOFF TO POND. ADJUST ROUTE AS NECESSARY DURING CONSTRUCTION. SEE DETAIL ON SHEET C4. PROVIDE ROCK CHECK DAMS PER SHEET C4.
- CS TEMP ROAD CROSSING SWALE (PER DETAIL SHT C5)

T.E.S.C. STORM DRAIN KEYNOTES

- 1 INSTALL STORM DRAIN PIPING PER SHEET C7 LENGTH, SLOPE, AND INVERT ELEVATION REQUIREMENTS.
- 2 INSTALL STORM DRAIN STRUCTURE PER TYPE, RIM, AND INVERT REQUIREMENTS ON SHEET C7. A TEMPORARY FLOW CONTROL RISER SHALL BE INSTALLED PER CITY OF PUYALLUP STANDARD DETAIL 02.01.07 ON SHEET C5 REQUIREMENTS WITH A BOTTOM ORIFICE DIAMETER OF 3.7".
- 3 INSTALL STORM DRAIN STRUCTURE PER SHEET C7 REQUIREMENTS.

DEMOLITION KEYNOTES

- 1 REMOVE EXISTING ASPHALT PAVEMENT, WHERE ASPHALT IS SAWCUT, IT SHALL BE TO A CLEAN, VERTICAL, UNYIELDING EDGE. REMOVE PAVEMENT DURING INITIAL CONSTRUCTION, AS NECESSARY TO INSTALL CONSTRUCTION ENTRANCE AND PROPOSED IMPROVEMENTS, REFERENCE SHEET C6 AND C7.
- 2 REMOVE EXISTING HYDRANT METER AT EXISTING FIRE HYDRANT. COORDINATE WITH INSPECTOR AND CITY OF PUYALLUP WATER UTILITY DEPARTMENT.
- 3 CONCRETE BLOCKS TO BE REMOVED AND SALVAGED TO OWNER OR DISPOSED OF AT AN APPROVED OFFSITE LOCATION.
- 4 TANK STORAGE TO BE REMOVED AND SALVAGED TO OWNER OR DISPOSED OF AT AN APPROVED OFFSITE LOCATION.
- 5 REMOVE EXISTING FENCE WITHIN PUBLIC RIGHT-OF-WAY. SEE SHEET C6 FOR ONSITE FENCING REQUIREMENTS.

NOTES:

- 1. THESE PLANS ARE PRELIMINARY UNLESS THE JURISDICTIONAL APPROVAL BOX HAS BEEN SIGNED.
- 2. CAD FILE WILL BE PROVIDED BY ENGINEER TO AID IN ESTABLISHING HORIZONTAL CONTROL.
- 3. SEE SEPARATE LANDSCAPE PLANS FOR LANDSCAPING REQUIREMENTS

**CALL 48 HOURS
BEFORE YOU DIG
DIAL 811**

EROSION AND DUST CONTROL GENERAL NOTES:

- 1. PUBLIC STREETS AND SITE PARKING/DRIVE AISLES ARE TO BE KEPT CLEAN OF DIRT AND DEBRIS GENERATED BY WORK. CLEANUP SHALL BE BY SWEEPING AND/OR OTHER APPROVED METHODS.
- 2. CONTRACTOR SHALL REVIEW HIS PROPOSED HAULING ROUTES AND PROPOSAL FOR ONSITE TRAFFIC CONTROL WITH CITY INSPECTOR FOR APPROVAL.
- 3. 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 OWNER SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE INSTALLATION OF A WHEEL WASH FACILITY ON-SITE.
- 4. CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPARTMENT OF ECOLOGY CERTIFIED EROSION AND SEDIMENT CONTROL LEAD PERSON AND SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT.
- 5. SEDIMENT-LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE CONSTRUCTION LIMITS IN ACCORDANCE WITH PROJECT'S NPDES GENERAL STORMWATER PERMIT.
- 6. CONTRACTOR SHALL PROVIDE DUST PREVENTION AND CONTROL MEASURES AS NEEDED THROUGHOUT CONSTRUCTION. THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTROLLING DUST:
 - A. STONE - COVER SURFACES WITH CRUSHED STONE OR COARSE GRAVEL.
 - B. WATER TRUCK - SITE IS SPRAYED UNTIL WET.
 - C. SPRINKLERS - SITE IS SPRINKLED UNTIL WET.
 - D. BARRIERS - SOLID BOARD FENCES, HAY BALES BURLAP FENCES, AND SIMILAR MATERIALS CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

DEMOLITION AND EXCAVATION NOTES:

- 1. CONTRACTOR SHALL ASSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED AND NECESSARY PRECONSTRUCTION MEETINGS HELD, PRIOR TO COMMENCING WORK.
- 2. CONTRACTOR SHALL FIELD VERIFY LOCATION, SIZE, AND TYPE OF EXISTING UTILITIES IN WORK AREA PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER IMMEDIATELY.
- 3. CONTRACTOR SHALL PROTECT AND PRESERVE ALL IMPROVEMENTS ALONG THE PERIMETER OF THE WORK AREA. ANY DAMAGED IMPROVEMENTS SHALL BE REPAIRED/REPLACED AT CONTRACTOR'S EXPENSE.
- 4. ALL SILT PROTECTION AND EROSION CONTROL MEASURES MUST BE IN PLACE BEFORE SAWCUTTING, CURB AND PAVEMENT REMOVAL, OR STRIPPING OF SITE VEGETATION.
- 5. ANY/ALL EXISTING WELLS AND/OR SEPTIC SYSTEMS DISCOVERED ON-SITE SHALL BE REMOVED AND/OR ABANDONED PER PIERCE COUNTY HEALTH DEPARTMENT STANDARDS.
- 6. THE PROJECT SITE IS SUBJECT TO HIGH GROUNDWATER LEVELS. IMPLEMENT DEWATERING PROCEDURES AS NECESSARY.

CONSTRUCTION SEQUENCE

- 1. THE CONTRACTOR IS TO REQUEST A PRE-CONSTRUCTION MEETING WITH THE CITY'S INSPECTOR.
- 2. CLEARLY STAKE, FLAG OR FENCE CLEARING LIMITS/WORK AREA. NO WORK SHALL BE PERFORMED OUTSIDE THESE LIMITS WITHOUT PRIOR APPROVAL FROM THE CITY OF PUYALLUP.
- 3. PRIOR TO STARTING SITE WORK, REQUEST AN INSPECTION FOR EROSION AND SEDIMENT, INSPECTION CODE #1010, BY CALLING THE INSPECTION REQUEST LINE AT 1-877-232-6456.
- 4. PROVIDE SILT FENCING AS SHOWN ON THE APPROVED PLANS.
- 5. GRADE SITE AS SHOWN ON THE APPROVED PLANS.
- 6. CONSTRUCT THE CONVEYANCE SYSTEM AND INSTALL INLET PROTECT ON THE NEW CATCH BASINS.
- 7. INSTALL FILTER FABRIC AND PERMEABLE BALLAST.
- 8. CONSTRUCT ONSITE PLANTERS AND PAVE THE STORAGE AREA.
- 9. CONSTRUCT FRONTAGE IMPROVEMENTS AND AMEND THE LANDSCAPE AND LAWN AREAS WITH SOIL AMENDMENTS.
- 10. AMEND SOILS PER CS 01.02.08A ON SHEET C9.
- 11. RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH CITY OF PUYALLUP AND DEPARTMENT OF ECOLOGY EROSION AND SEDIMENT CONTROL STANDARDS.
- 12. COVER ALL AREAS, INCLUDING STOCKPILES, THAT WILL BE UNWORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, PLASTIC SHEETING OR EQUIVALENT.
- 13. STABILIZE ALL AREAS WITHIN SEVEN DAYS OF REACHING FINAL GRADE.
- 14. SEED, SOD, STABILIZE, OR COVER ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
- 15. CALL FOR FINAL INSPECTIONS. UPON COMPLETION OF THE PROJECT, STABILIZE ALL DISTURBED AREAS AND REMOVE BMPs IF APPROPRIATE.

BEST PARKING LOT CLEANING

A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 28, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON

APPROVED

BY
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE

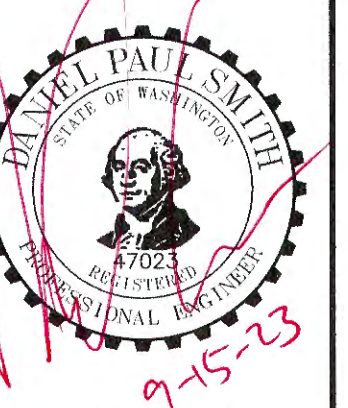
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

Date:

Int.

Revision:

No.



C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING
Client: (253) 840-4282
PUYALLUP, WA 98072
ceservices@cesuninc.com

BEST PARKING LOT CLEANING
T.E.S.C. DETAILS
PRO VAC

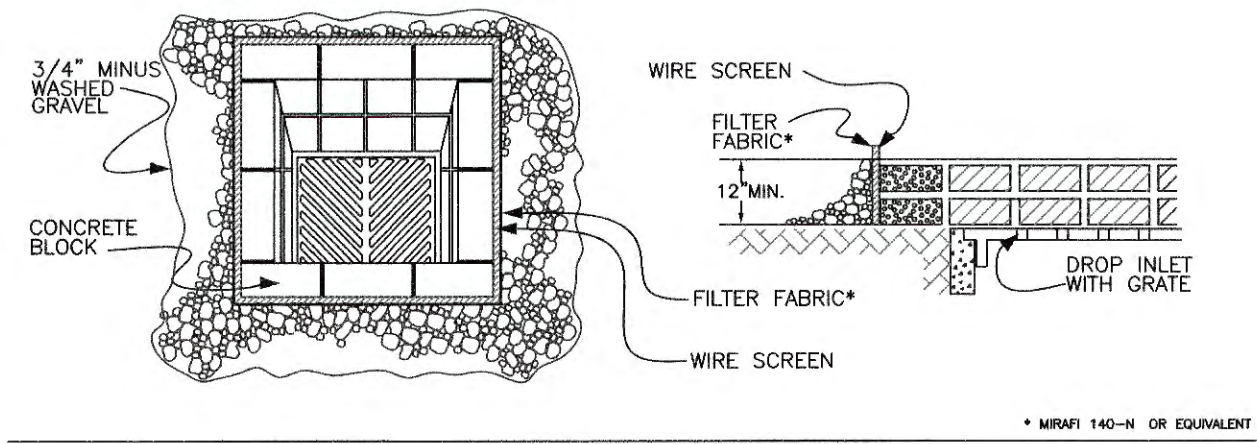
Project: GIMTARCHITECTURE@CENTURYLINK.NET
Designed: DPS
Drawn: MFB
Checked: CAD

Scale: AS SHOWN
Date: 09/15/23
Job No.: 20083

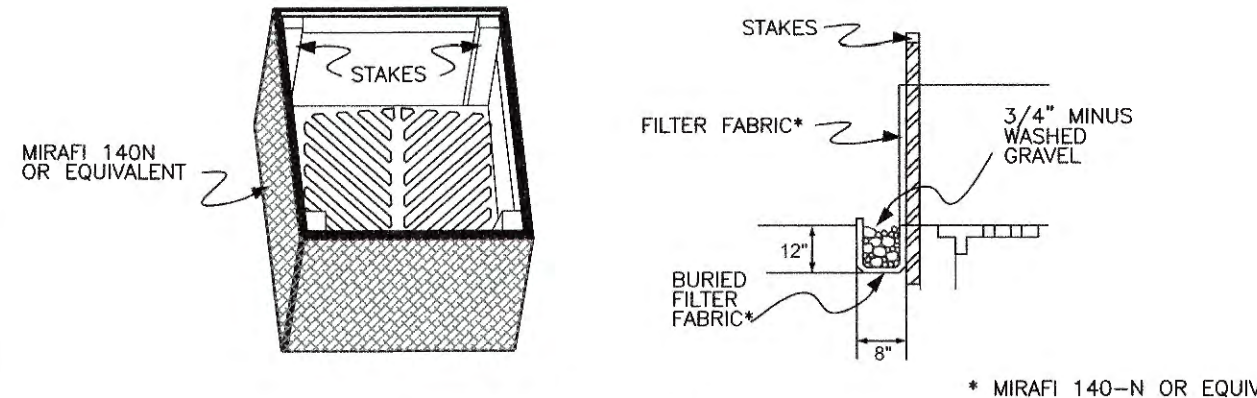
Sheet No.: **C4**

4 of 10 Sheets

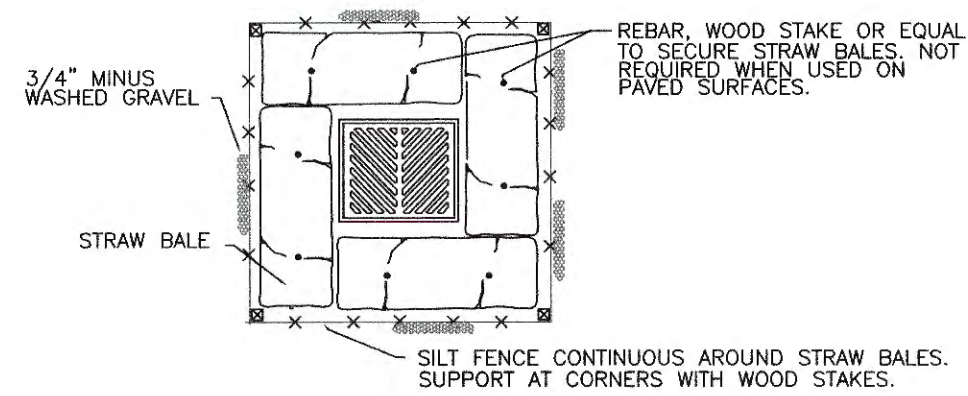
BLOCK AND GRAVEL FILTER



FILTER FABRIC FENCE



STRAW BALE BARRIER



CONDITIONS WHERE PRACTICE APPLIES

- BLOCK AND GRAVEL FILTER - APPLICABLE FOR AREAS GREATER THAN 5% SLOPE.
- FILTER FABRIC FENCE - APPLICABLE WHERE THE INLET DRAINS A RELATIVELY SMALL (ONE ACRE OR LESS) AND FLAT AREA (LESS THAN 5% SLOPE).
- STRAW BALE BARRIER - APPLICABLE WHERE INLET DRAINS A RELATIVELY FLAT DISTURBED AREA (LESS THAN 5% SLOPE) IN WHICH SHEET FLOW (NOT EXCEEDING 0.5 FT/SEC.) OCCURS. BARRIERS OF THIS TYPE SHOULD NOT BE PLACED AROUND INLETS RECEIVING CONCENTRATED FLOWS SUCH AS THOSE ALONG MAJOR STREETS AND HIGHWAYS.

1. BLOCK AND GRAVEL FILTER - INSTALLATION PROCEDURE

- PLACE WIRE MESH OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF ONE FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. USE WIRE SCREEN WITH 1/2-INCH OPENINGS. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, OVERLAP THE STRIPS. PLACE FILTER FABRIC* OVER WIRE MESH.
- PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, SO THAT THE OPEN ENDS FACE OUTWARD, NOT UPWARD. THE ENDS OF ADJACENT BLOCKS SHOULD ABUT. THE HEIGHT OF THE BARRIER CAN BE VARIED, DEPENDING ON DESIGN NEEDS, BY STACKING COMBINATIONS OF BLOCKS THAT ARE 4-INCH, 8-INCH AND 12-INCH WIDE. THE ROW OF BLOCKS SHOULD BE AT LEAST 12-INCHES BUT NO GREATER THAN 24-INCHES HIGH.
- PLACE WIRE SCREEN OVER THE OVERSIDE VERTICAL FACE (OPEN END) OF THE CONCRETE BLOCKS TO PREVENT STONES FROM BEING WASHED THROUGH THE BLOCKS. USE WIRE SCREEN WITH 1/2-INCH OPENINGS.
- PILE STONES AGAINST THE WIRE MESH TO THE TOP OF THE BLOCKS. USE 3/4" MINUS WASHED GRAVEL.

2. FILTER FABRIC FENCE - INSTALLATION PROCEDURE

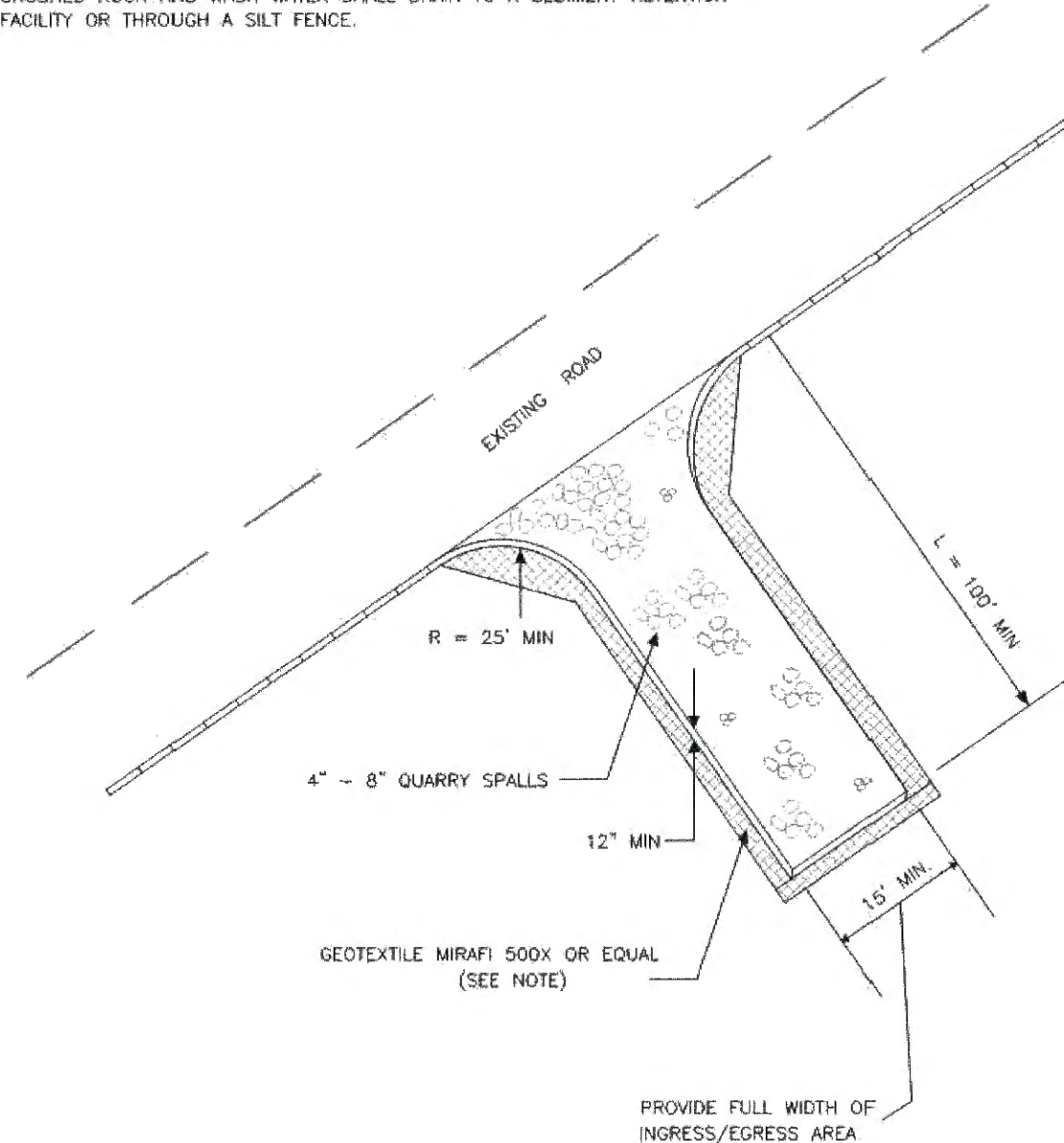
- PLACE 2-INCH BY 2-INCH WOODEN STAKES AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART AND DRIVE THEM AT LEAST 8-INCHES INTO THE GROUND. THE STAKES MUST BE AT LEAST 3 FEET LONG.
- EXCAVATE A TRENCH APPROXIMATELY 8-INCHES WIDE AND 12-INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE STAKES.
- STAPLE THE FILTER FABRIC* TO THE WOODEN STAKES SO THAT 32-INCHES OF THE FABRIC EXTENDS AND CAN BE FORMED INTO THE TRENCH, AND USE HEAVY-DUTY WIRE STAPLES AT LEAST 1/2-INCHES LONG.
- BACKFILL THE TRENCH WITH 3/4-INCH MINUS WASHED GRAVEL ALL THE WAY AROUND.

3. STRAW BALE BARRIER - INSTALLATION PROCEDURE

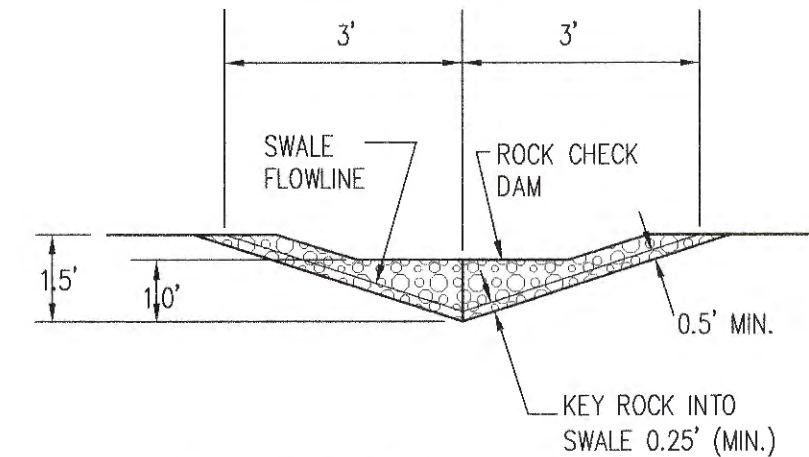
- EXCAVATE A 4-INCH DEEP TRENCH AROUND THE INLET. MAKE THE TRENCH AS WIDE AS A STRAW BALE.
- ORIENT STRAW BALES WITH THE BINDINGS AROUND THE SIDES OF THE BALES RATHER THAN OVER AND UNDER THE BALES.
- PLACE BALES LENGTHWISE AROUND THE INLET AND PRESS THE ENDS OF ADJACENT BALES SECURELY IN PLACE.
- DRIVE TWO 2-INCH BY 2-INCH STAKES THROUGH EACH BALE TO ANCHOR THE BALE SECURELY IN PLACE.
- BACKFILL THE EXCAVATED SOIL AND COMPACT IT AGAINST THE BALE.
- WEDGE LOOSE STRAW BETWEEN BALES TO PREVENT WATER FROM FLOWING BETWEEN BALES.

NOTE:

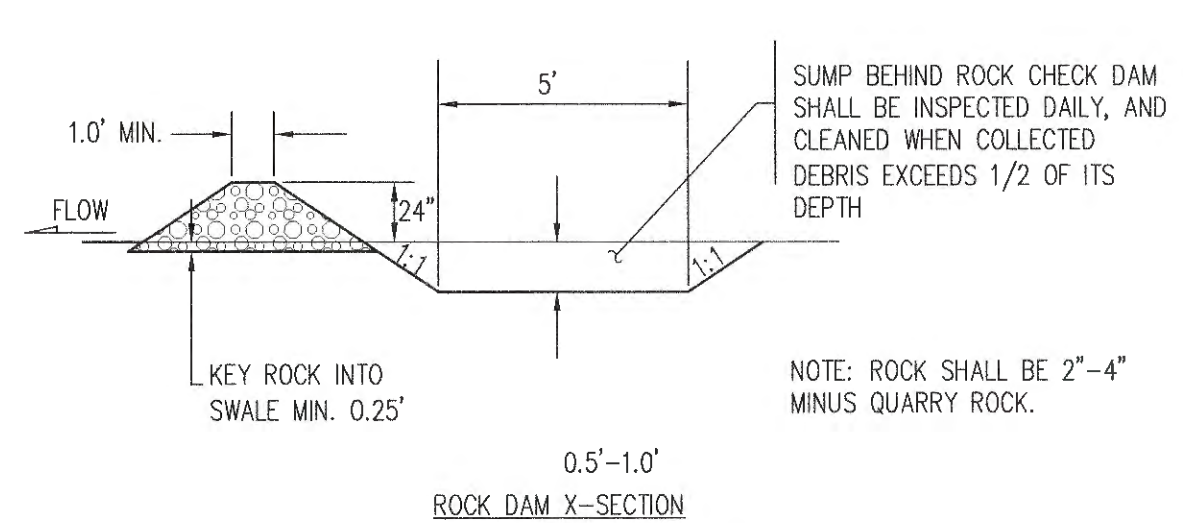
- GEOTEXTILE MIRAFI 500 X OR APPROVED EQUAL SHALL BE PLACED UNDER THE ENTIRETY OF THE TEMPORARY ENTRANCE.
- ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY TO MAINTAIN PROPER FUNCTION OF THE PAD.
- IF THE PAD DOES NOT ADEQUATELY REMOVE THE MUD FROM THE VEHICLE'S WHEELS, THE WHEELS SHALL BE HOSED OFF BEFORE THE VEHICLE ENTERS A PAVED STREET. THE WASHING SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK AND WASH WATER SHALL DRAIN TO A SEDIMENT RETENTION FACILITY OR THROUGH A SILT FENCE.



SWALE SLOPE	CHECK DAM SPACING
0% - 5%	150'
5% - 10%	100'
> 10%	50'



SWALE X-SECTION AT ROCK CHECK DAM



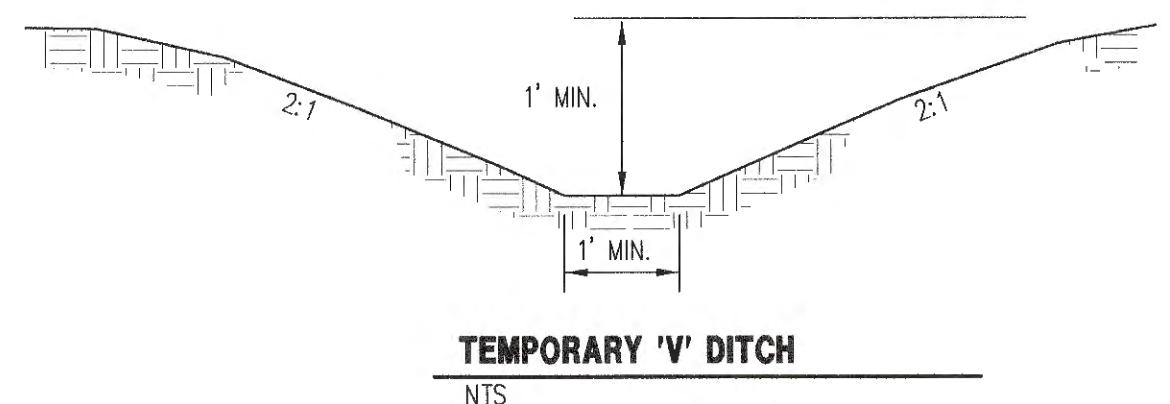
ROCK CHECK DAM DETAILS

ALL RIP RAP PADS SHALL BE THE WIDTH OF THE PIPE PLUS 6" WIDE X 8' LONG X 1' DEEP, USING THE GRADATION SPECIFIED BELOW: (UNLESS OTHERWISE SPECIFIED). EXTEND ROCK TO 1' ABOVE CROWN OF OUTLET PIPE.

RIE RAP TO BE QUARRY SPALLS WITH ROCK GRADATION AS FOLLOWS:

PASSING 8-INCH SQUARE SIEVE: 100%
PASSING 3-INCH SQUARE SIEVE: 40%-60%
PASSING 3/4-INCH SQUARE SIEVE: 0-10%

RIE RAP PROTECTION SPECIFICATIONS



TEMPORARY 'V' DITCH

TEMPORARY ROAD X-ING SWALE

ALL AREAS SUBJECT TO CLEARING AND GRADING THAT HAVE NOT BEEN COVERED BY IMPERVIOUS SURFACE, INCORPORATED INTO A DRAINAGE FACILITY OR ENGINEERED AS STRUCTURAL FILL OR SLOPE SHALL, AT PROJECT COMPLETION, DEMONSTRATE THE FOLLOWING:

- A TOPSOIL LAYER WITH A MINIMUM ORGANIC MATTER CONTENT OF 10% DRY WEIGHT IN PLANTING BEDS, AND 5% ORGANIC MATTER CONTENT IN TURF AREAS, AND A PH FROM 6.0 TO 8.0 OR MATCHING THE PH OF THE UNDISTURBED SOIL. THE TOPSOIL LAYER SHALL HAVE A MINIMUM DEPTH OF EIGHT INCHES EXCEPT WHERE TREE ROOTS LIMIT THE DEPTH OF INCORPORATION OF AMENDMENTS NEEDED TO MEET THE CRITERIA. SUBSOILS BELOW THE TOPSOIL LAYER SHOULD BE SCARIFIED AT LEAST 4 INCHES WITH SOME INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
- MULCH PLANTING BEDS WITH 2 INCHES OF ORGANIC MATERIAL.
- USE COMPOST AND OTHER MATERIALS THAT MEET THE FOLLOWING ORGANIC CONTENT REQUIREMENTS:
 - THE ORGANIC CONTENT FOR PRE-APPROVED AMENDMENT RATES CAN BE MET ONLY USING COMPOST MEETING THE COMPOST SPECIFICATION FOR BMP T7.30: BIORETENTION, WITH THE EXCEPTION THAT THE COMPOST MAY HAVE UP TO 35% BIOSOLIDS OR MANURE. THE COMPOST MUST ALSO HAVE AN ORGANIC MATTER CONTENT OF 40% TO 65%, AND A CARBON TO NITROGEN RATIO BELOW 25:1. THE CARBON TO NITROGEN RATIO MAY BE AS HIGH AS 35:1 FOR PLANTINGS COMPOSED ENTIRELY OF PLANTS NATIVE TO THE PUGET SOUND LOWLANDS REGION.
 - THE CALCULATED AMENDMENT RATES MAY BE MET THROUGH USE OF COMPOSTED MATERIAL MEETING (A.) ABOVE; OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS, AND NOT EXCEEDING THE CONTAMINANT LIMITS IDENTIFIED IN TABLE 220-B, TESTING PARAMETERS, IN WAC 173-350-220.

THE RESULTING SOIL SHOULD BE CONDUCTIVE TO THE TYPE OF VEGETATION TO BE ESTABLISHED.

IMPLEMENTATION OPTIONS

THE SOIL QUALITY DESIGN GUIDELINES LISTED ABOVE CAN BE MET BY USING ONE OF THE METHODS LISTED BELOW: LEAVE UNDISTURBED NATIVE VEGETATION AND SOIL, AND PROTECT FROM COMPACTION DURING CONSTRUCTION.

AMEND EXISTING SITE TOPSOIL OR SUBSOIL EITHER AT DEFAULT "PRE-APPROVED" RATES, OR AT CUSTOM CALCULATED RATES BASED ON TESTS OF THE SOIL AND AMENDMENT.

STOCKPILE EXISTING TOPSOIL DURING GRADING, AND REPLACE IT PRIOR TO PLANTING. STOCKPILED TOPSOIL MUST ALSO BE AMENDED IF NEEDED TO MEET THE ORGANIC MATTER OR DEPTH REQUIREMENTS, EITHER AT A DEFAULT "PRE-APPROVED" RATE OR AT A CUSTOM CALCULATED RATE.

IMPORT TOPSOIL MIX OF SUFFICIENT ORGANIC CONTENT AND DEPTH TO MEET THE REQUIREMENTS.

MORE THAN ONE METHOD MAY BE USED ON DIFFERENT PORTIONS OF THE SAME SITE. SOIL THAT ALREADY MEETS THE DEPTH AND ORGANIC MATTER QUALITY STANDARDS, AND IS NOT COMPACTED, DOES NOT NEED TO BE AMENDED.

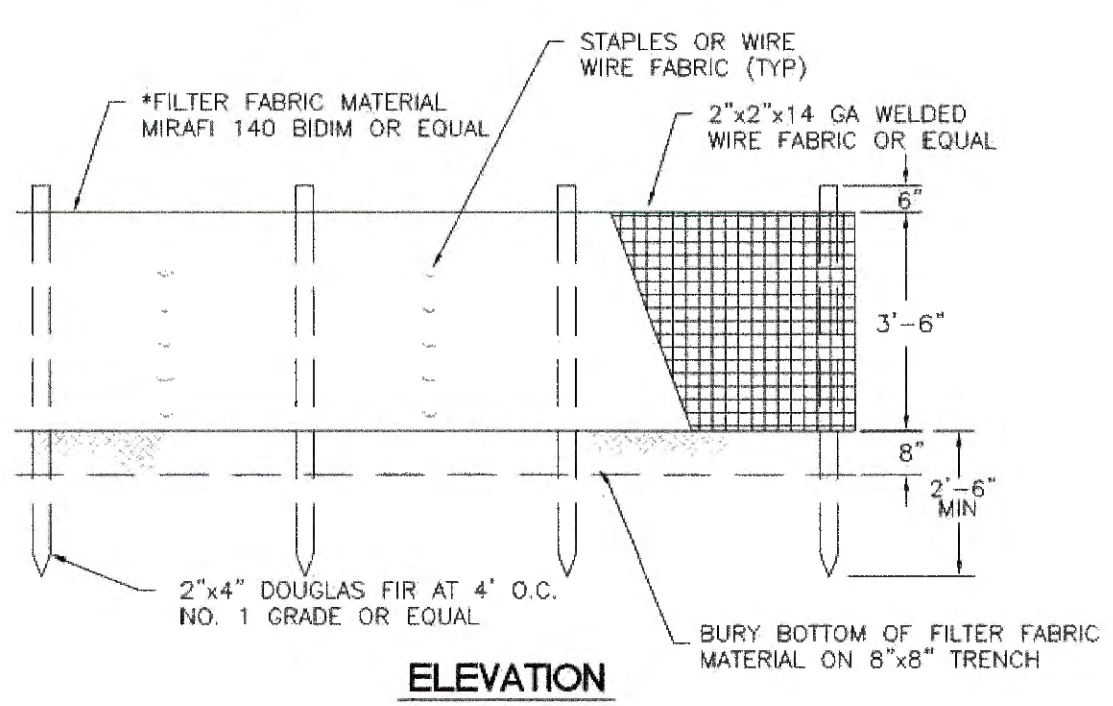
BMP T5.13 POST-CONSTRUCTION SOIL QUALITY AND DEPTH

NTS

NOTES:

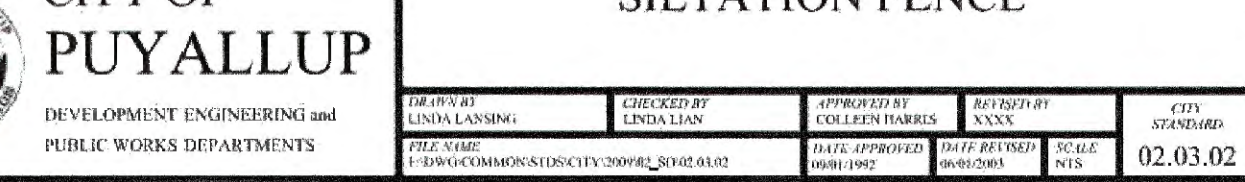
- SILT FENCE SHALL BE INSTALLED ON CONTOUR OTHER INSTALLATIONS ARE NOT EXCEPTABLE.
- *FILTER FABRIC TO BE DETERMINED BY DESIGN ENGINEER

TYPICAL CROSS SECTION



ELEVATION

SILTATION FENCE



STORM DRAIN BARRIERS

DRAWN BY	CHECKED BY	APPROVED BY	REVIEWED BY	CITY
UNDA LANSING	UNDA LANSING	COLLEEN BARRETT	UNDA LANSING	STANDARD
FILE NAME	DATE APPROVED	DATE REVIEWED	SCALE	02.03.05
C:\PROJECTS\STORM DRAIN BARRIERS\STORM DRAIN BARRIERS.dwg	02/03/05	02/03/05	NTS	

STORM DRAIN BARRIERS NOTES

DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	DRAWN BY LINDA LANSING	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN HARRIS	REVIEWED BY XXXX	CITY STANDARD
	FILE NAME F:\DWG\OSMOS-STDS\CITY\2009\SD 02 01 06		DATE APPROVED 09/01/2001	DATE REVISOR 06/01/2001	02.03.06
			SCALE NTS		

Figure II-4.1.7b

Concrete Washout Area

Revised June 2015

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**CALL 48 HOURS
BEFORE YOU DIG
DIAL 811**

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY ENGINEER PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
8. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
9. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SITUATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
10. APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.
11. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
12. IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.
13. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL RISK ZONE FOR VEGETATION PROPOSED FOR RETENTION.

1. EROSION/SEDIMENTATION CONTROL MEASURES MUST BE FUNCTIONAL AND MAINTAINED DURING CONSTRUCTION.
2. SOIL STOCK PILES TO BE COVERED WITHIN 24 HOURS.
3. MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURE.
4. AREAS TO BE DISTURBED ARE THE FOOTPRINT, PATIO, DRIVEWAY, & WALKWAY AREA W/ THE BALANCE OF THE LOT UNDISTURBED.
5. DRIVEWAY PAVING MATERIAL TO BE CONCRETE.

1. MULCH MATERIALS USED SHALL BE HAY OR STRAW AND SHALL BE APPLIED AT A RATE OF 75-100 POUNDS PER 1,000 SQUARE FEET, OR 90-120 BALES PER ACRE TO A MIN. DEPTH OF 2 INCHES.
2. MULCHES SHALL BE APPLIED IN ALL AREAS WITH EXPOSED SLOPES GREATER THAN 2:1.
3. MULCHING SHALL BE USED IMMEDIATELY AFTER SEEDING OR IN AREAS WHICH CANNOT BE SEEDED BECAUSE OF THE SEASON.
4. ALL AREAS NEEDED MULCH SHALL BE COVERED BY NOVEMBER 1.

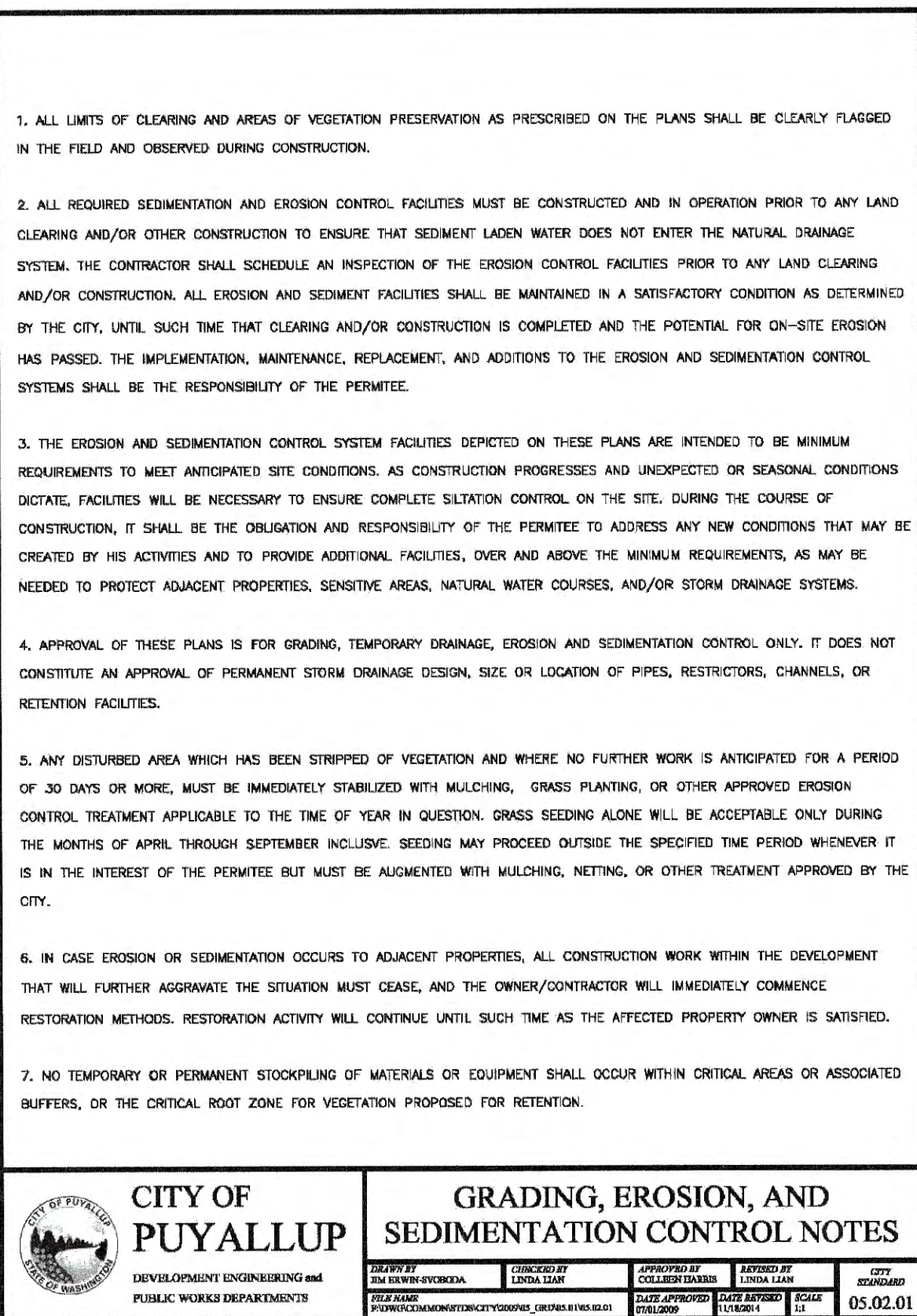
1. SILT FENCING.
2. VEGETATION AND STABILIZATION OF EXPOSED SURFACES.
3. STOCKPILE PROTECTION.
4. ADDITIONAL MEASURES MAY BE REQUIRED.

NAME:	% BY WEIGHT:	% PURITY:	% GERMINATION:
REDTOP	10 PERCENT	92 PERCENT	90 PERCENT
(AGROSTIS ALBA)			
ANNUAL RYE	40 PERCENT	98 PERCENT	90 PERCENT
(LOLIUM MULTIFLORUM)			
CHEWING FESCUE	40 PERCENT	97 PERCENT	80 PERCENT
(FESTUCA RUBRA COMMUNATA - JAMESTOWN, BANNER, SHADOW, or KORBEIT)			
WHITE DUTCH CLOVER	10 PERCENT	96 PERCENT	90 PERCENT
(TRIFOLIUM REPENS)			

**A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON**

Mulch Material	Guideline	Description
Straw	Quality Standards	Air-dried, free from undesirable seed and coarse material.
	Application Rates	2"-3" thick; 5 bales per 1,000 sf or 2-3 tons per acre
	Remarks	Cost-effective protection when applied with adequate thickness. Hand-application generally requires greater thickness than blown straw. The thickness of straw may be reduced by half when used in conjunction with seeding. In windy areas straw must be held in place by crimping, using a tackifier, or covering with netting. Blown straw always has to be held in place with a tackifier as even light winds will blow it away. Straw, however, has several deficiencies that should be considered when selecting mulch materials. It often introduces and/or encourages the propagation of weed species and it has no significant long-term benefits. It should also not be used within the ordinary high-water elevation of surface waters (due to flotation).
Hydromulch	Quality Standards	No growth inhibiting factors.
	Application Rates	Approx. 35-45 lbs per 1,000 sf or 1,500 - 2,000 lbs per acre
	Remarks	Shall be applied with hydromulcher. Shall not be used without seed and tackifier unless the application rate is at least doubled. Fibers longer than about 3/4 - 1 inch clog hydromulch equipment. Fibers should be kept to less than 3/4 inch.
Compost	Quality Standards	No visible water or dust during handling. Must be produced per <u>WAC 173-350</u> , Solid Waste Handling Standards, but may have up to 35% biosolids.
	Application Rates	2" thick min.; approx. 100 tons per acre (approx. 750 lbs per cubic yard)
	Remarks	More effective control can be obtained by increasing thickness to 3". Excellent mulch for protecting final grades until landscaping because it can be directly seeded or tilled into soil as an amendment. Compost used for mulch has a coarser size gradation than compost used for BMP C125: <u>Topsoiling / Composting</u> or BMP T5.13: <u>Post-Construction Soil Quality and Depth</u> . It is more stable and practical to use in wet areas and during rainy weather conditions. Do not use near wetlands or near phosphorous impaired water bodies.
Chipped Site Vegetation	Quality Standards	Gradations from fines to 6 inches in length for texture, variation, and interlocking properties. Include a mix of various sizes so that the average size is between 2- and 4- inches.
	Application Rates	2" thick min.;

Mulch Material	Guideline	Description
Wood-Based Mulch	Remarks	This is a cost-effective way to dispose of debris from clearing and grubbing, and it eliminates the problems associated with burning. Generally, it should not be used on slopes above approx. 10% because of its tendency to be transported by runoff. It is not recommended within 200 feet of surface waters. If permanent seeding or planting is expected shortly after mulch, the decomposition of the chipped vegetation may tie up nutrients important to grass establishment. Note: thick application of this material over existing grass, herbaceous species, and some groundcovers could smother and kill vegetation.
	Quality Standards	No visible water or dust during handling. Must be purchased from a supplier with a Solid Waste Handling Permit or one exempt from solid waste regulations.
	Application Rates	2" thick min.; approx. 100 tons per acre (approx. 750 lbs. per cubic yard)
	Remarks	This material is often called "wood straw" or "hog fuel". The use of mulch ultimately improves the organic matter in the soil. Special caution is advised regarding the source and composition of wood-based mulches. Its preparation typically does not provide any weed seed control, so evidence of residual vegetation in its composition or known inclusion of weed plants or seeds should be monitored and prevented (or minimized).
Wood Strand Mulch	Quality Standards	A blend of loose, long, thin wood pieces derived from native conifer or deciduous trees with high length-to-width ratio.
	Application Rates	2" thick min.
	Remarks	Cost-effective protection when applied with adequate thickness. A minimum of 95-percent of the wood strand shall have lengths between 2 and 10-inches, with a width and thickness between 1/16 and 1/2-inches. The mulch shall not contain resin, tannin, or other compounds in quantities that would be detrimental to plant life. Sawdust or wood shavings shall not be used as mulch. [Specification 9-14.4(4) from the Standard Specifications for Road, Bridge, and Municipal Construction (WSDOT, 2016)]



No.	Revision:	Date:



C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING

29 - 29TH ST. NE, SUITE D
HYALAND WA 98172
PH: (253) 848-4282
scc@ccm.com

BEST PARKING LOT CLEANING

PRO VAC

Project:	Client:
Designed:	DP
Drawn:	MF
Checked:	CA
Scale:	AS SHOW
Date:	09/15/2008
Job No.:	
Sheet No.:	
C5	
5 of 10 Sheets	

1. THESE PLANS ARE PRELIMINARY UNLESS THE JURISDICTIONAL APPROVAL BOX HAS BEEN SIGNED
2. CAD FILE WILL BE PROVIDED BY ENGINEER TO AID IN ESTABLISHING HORIZONTAL CONTROL.
3. SEE SEPARATE LANDSCAPE PLANS FOR LANDSCAPING REQUIREMENTS

**CALL 48 HOURS
BEFORE YOU DIG
DIAL 811**

BEST PARKING LOT CLEANING

A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON



APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE:

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

Date:

Int:

Revision:

No.



C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING
429 - 29TH ST. NE, SUITE D
PUYALLUP, WA 98372
PH: (253) 848-4292
ceservices@cesnwinc.com

PRO VAC

**BEST PARKING LOT CLEANING
CIVIL SITE PLAN**

Project:

Client:

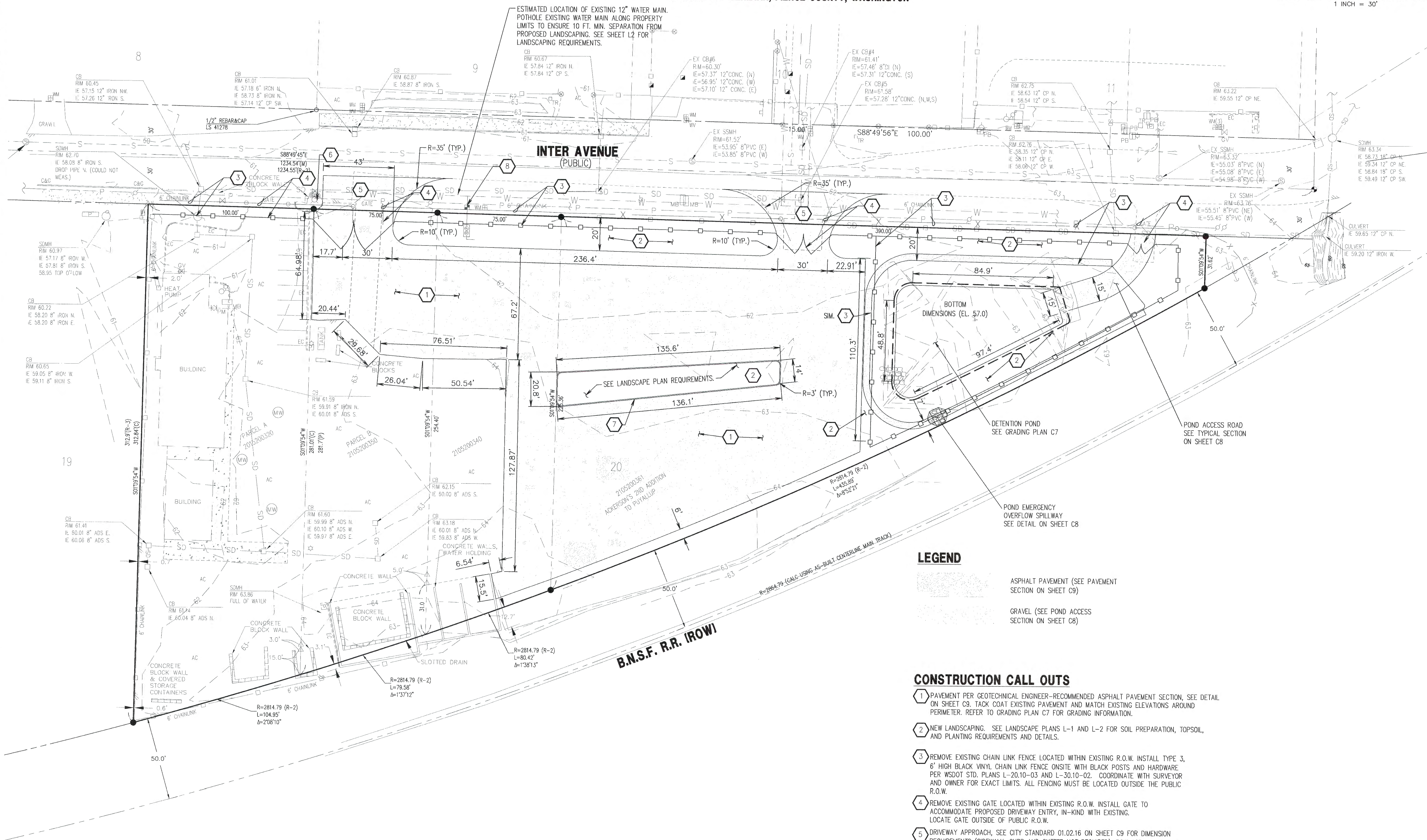
Designed: DPS
Drawn: MFB
Checked: CAD

Scale: 1"=30'
Date: 09/15/23
Job No.: 20083

Sheet No.:

C6

6 of 10 Sheets



LEGEND

ASPHALT PAVEMENT (SEE PAVEMENT SECTION ON SHEET C9)
GRAVEL (SEE POND ACCESS SECTION ON SHEET C8)

CONSTRUCTION CALL OUTS

- PAVEMENT PER GEOTECHNICAL ENGINEER-RECOMMENDED ASPHALT PAVEMENT SECTION, SEE DETAIL ON SHEET C9. TACK COAT EXISTING PAVEMENT AND MATCH EXISTING ELEVATIONS AROUND PERIMETER. REFER TO GRADING PLAN C7 FOR GRADING INFORMATION.
- NEW LANDSCAPING. SEE LANDSCAPE PLANS L-1 AND L-2 FOR SOIL PREPARATION, TOPSOIL, AND PLANTING REQUIREMENTS AND DETAILS.
- REMOVE EXISTING CHAIN LINK FENCE LOCATED WITHIN EXISTING R.O.W. INSTALL TYPE 3, 6" HIGH BLACK VINYL CHAIN LINK FENCE ON SITE WITH BLACK POSTS AND HARDWARE PER WSDOT STD. PLANS L-20.10-03 AND L-30.10-02. COORDINATE WITH SURVEYOR AND OWNER FOR EXACT LIMITS. ALL FENCING MUST BE LOCATED OUTSIDE THE PUBLIC R.O.W.
- REMOVE EXISTING GATE LOCATED WITHIN EXISTING R.O.W. INSTALL GATE TO ACCOMMODATE PROPOSED DRIVEWAY ENTRY, IN-KIND WITH EXISTING. LOCATE GATE OUTSIDE OF PUBLIC R.O.W.
- DRIVEWAY APPROACH, SEE CITY STANDARD 01.02.16 ON SHEET C9 FOR DIMENSION REQUIREMENTS (SIDEWALK, CURB AND GUTTER NOT REQUIRED). ROW ASPHALT PAVING REQUIREMENTS PER CITY STANDARD 01.01.04 ON SHEET C9.
- REMOVE EXISTING HYDRANT METER AND RETURN TO PURVEYOR IN ACCORDANCE WITH PURVEYOR REQUIREMENTS. CONTRACTOR SHALL COORDINATE REMOVAL WITH OWNER AND SITE INSPECTOR.
- CAST IN PLACE CEMENT CONCRETE TRAFFIC CURB PER WSDOT STANDARD F-10.12-04.
- 1" IRRIGATION WATER SERVICE WITH A 5/8" WATER METER PER CITY STANDARD 03.03.01 ON SHEET C9. SEE LANDSCAPE PLAN SHEET L5.

SITE LAYOUT NOTES

- CONTRACTOR SHALL OBTAIN SERVICES OF A LICENSED LAND SURVEYOR TO PROVIDE HORIZONTAL AND VERTICAL CONTROL FOR ALL NEW WORK. SURVEYOR TO CONTACT BCE, INC. TO OBTAIN ELECTRONIC DRAWING FILES FOR STAKING CONTROL PURPOSES.
- ALL DIMENSIONS ARE TO FACE OF CURB, UNLESS OTHERWISE NOTED ON PLAN.

SITE AREAS:

TOTAL PROJECT AREA = 71,220 SF
PERVIOUS AREA, PROVIDED = 26,642 SF (37.4%)
IMPERVIOUS AREA, PROVIDED = 44,578 SF (62.6%)

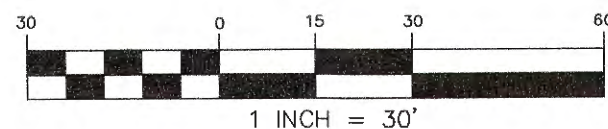
NOTES:

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- SEE SEPARATE LANDSCAPE PLANS FOR LANDSCAPING REQUIREMENTS

**CALL 48 HOURS
BEFORE YOU DIG
DIAL 811**

BEST PARKING LOT CLEANING

A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON



APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

NOTE: THIS APPROVAL IS VOID AFTER
180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE
FOR ERRORS AND/OR OMISSIONS ON
THESE PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE DEVELOPMENT
ENGINEERING MANAGER.

Date:

Int:

Revision:

No.



C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING
429 - 20TH ST. NE, SUITE D
PUYALLUP, WA 98472
PH: (206) 848-4692
ceservices@centurynw.com

**BEST PARKING LOT CLEANING
GRADING AND STORM DRAINAGE PLAN**

PRO VAC

Project:

Designed:
Drawn:
Checked:

Scale:
Date:
Job No.:

Sheet No.:

C7

7 of 10 Sheets

NOTES:

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**CALL 48 HOURS
BEFORE YOU DIG
DIAL 811**

ESTIMATED LOCATION OF EXISTING 12" WATER MAIN.
POTHOLE EXISTING WATER MAIN ALONG PROPERTY
LIMITS TO ENSURE 10 FT. MIN. SEPARATION FROM
PROPOSED LANDSCAPING. SEE SHEET L2 FOR
LANDSCAPING REQUIREMENTS.

SAWCUT AND REMOVE PAVING FOR NEW
WORK. REMOVE EX. 12" SD SOUTH.
CONNECT NEW 12" DI @ IE=57.31;
GROUT ALL AROUND. TRENCHING,
RESTORATION, AND RE-PAVE PER CITY OF
PUYALLUP P.W. REQUIREMENTS.

THE LOCATION OF THE EXISTING STORM PIPE
SHOWN IS APPROXIMATE. THE LOCATION OF
CB #6 ARE TO BE VERIFIED BY THE
CONTRACTOR BY POTHOLING OR TV-ING THE
EXISTING SYSTEM.

DETENTION POND
BOTTOM OF POND = 57.0
TOP OF SEDIMENT STORAGE=57.5 (OUTLET ELEV)
MAX WS = 61.0
TOP OF POND=62.0
SEE CROSS-SECTION, SHEET C8
FOR POND PARAMETERS

SEE RISER DETAIL ON SHEET
C8 FOR ORIFICE INFORMATION.

CONSTRUCTION GENERAL NOTES:

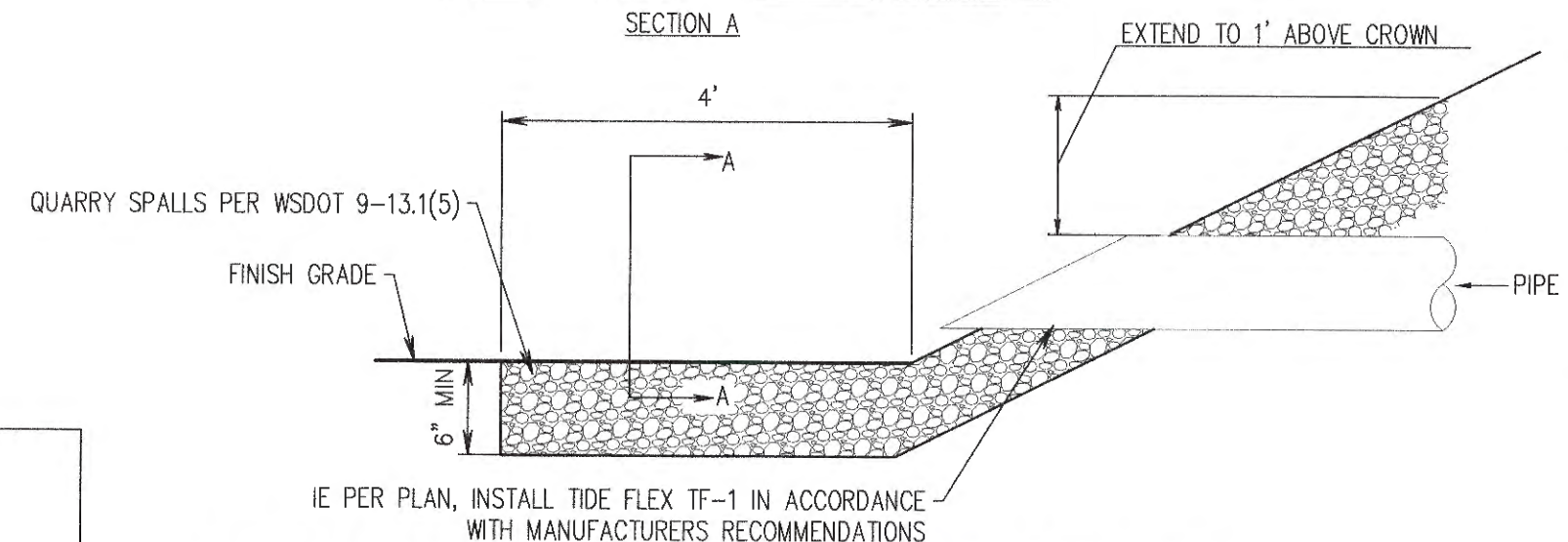
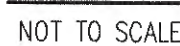
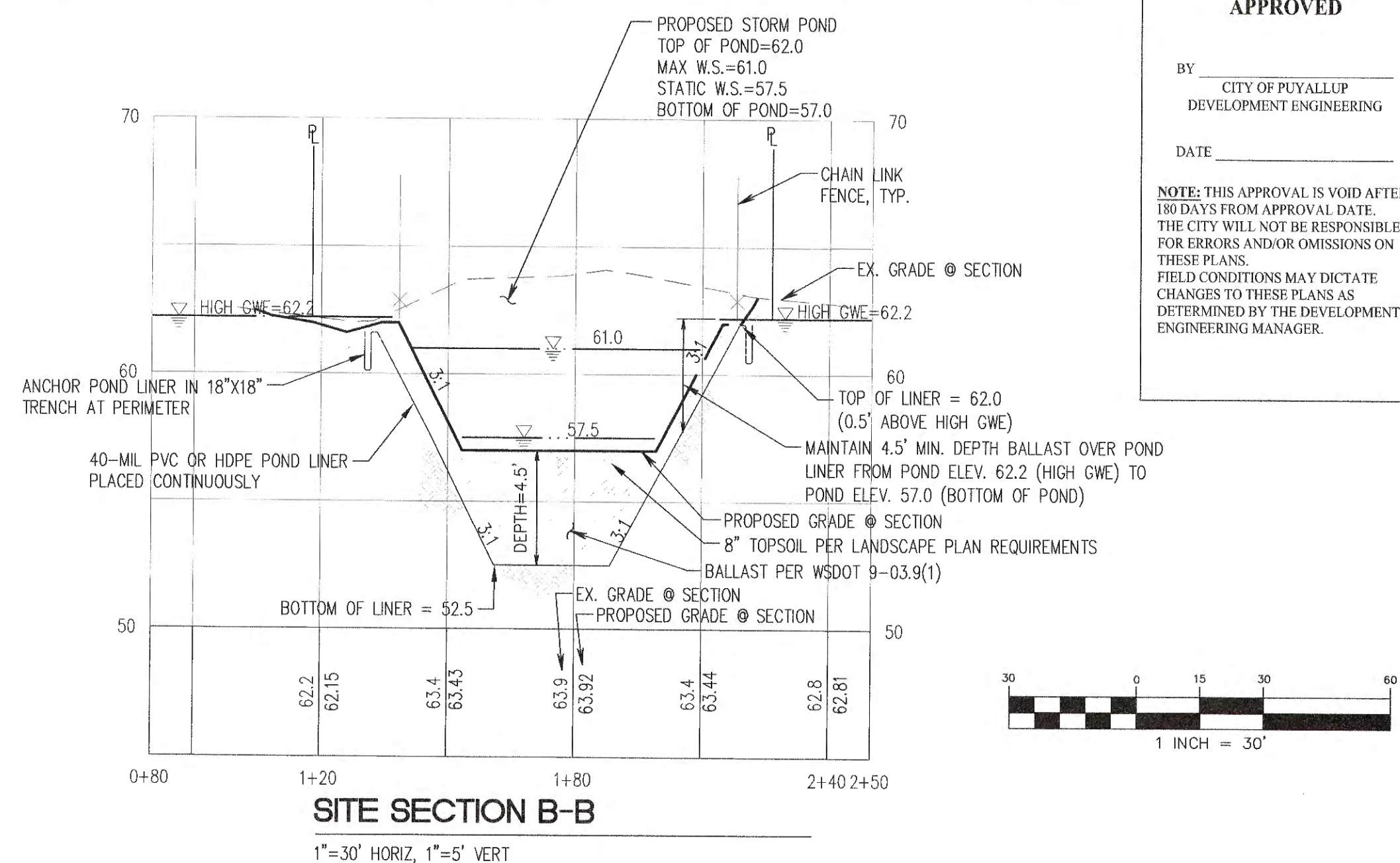
- SEE C.O.P. DETAILS 02.01.02 AND 02.01.05, SHEET C9 FOR TYPE 1 CATCH BASIN AND STANDARD GRATE/FRADE.
- PRIVATELY MAINTAINED STORMWATER CATCH BASINS SHALL BE SIGNED WITH PRE-CUT 90ML TORCH DOWN HEAVY DUTY, INTERSECTION-PREFORMED THERMOPLASTIC PAVEMENT MARKING MATERIAL. IT SHALL READ EITHER "ONLY RAIN DOWN THE DRAIN" OR "NO DUMPING, DRAINS TO STREAM". ALTERNATIVELY, THE GLUE-DOWN MARKERS MAY BE PURCHASED FROM THE CITY FOR A NOMINAL FEE.

CONSTRUCTION KEYNOTES:

- OLDCASTLE BIOPOD BIOFILTER UNDERGROUND PER DETAILS ON SHEET C8.
- FLOW CONTROL MANHOLE PER CITY STANDARD 02.01.07 ON SHEET C8.

B.N.S.F. R.R. (ROW)

**A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON**



NOT TO SCALE

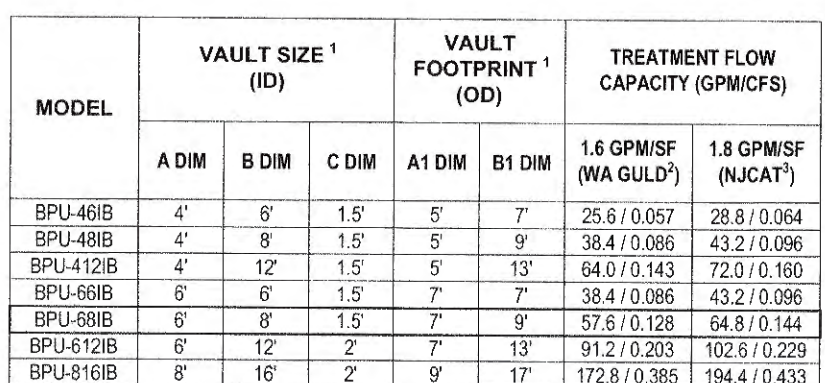


1. DEPTHS ARE COMPACTED THICKNESS.
2. CONCRETE SHALL BE COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, AASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH.
3. REFER TO CITY STANDARD DETAIL 01.01.07 FOR ADDITIONAL NOTES.

N.T.S.

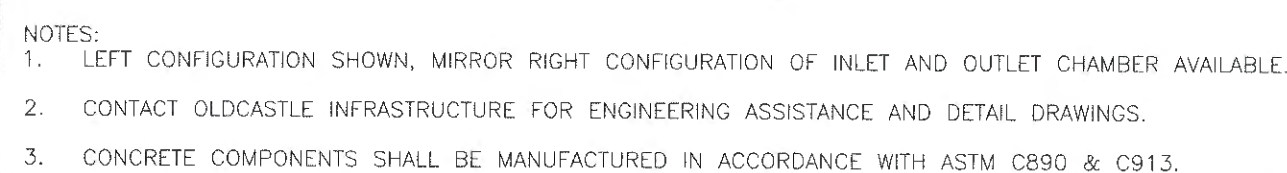
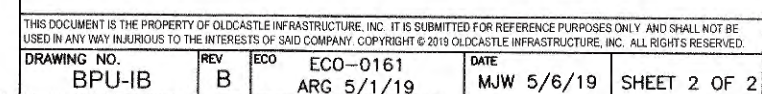
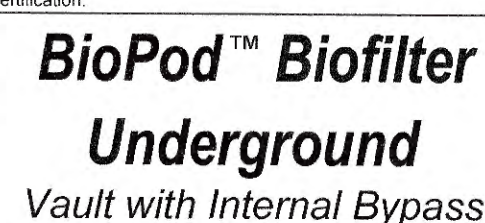


DRAWN BY LINDA LANSING	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN HARRIS	REVISED BY XXXX	CITY STANDARD
FILE NAME P:\DWG\COMMON\STD\SCITY\2009\02 SD\02.01.07		DATE APPROVED 06/01/1992	DATE REVISED 06/01/2003	SCALE NTS
				02.01.07

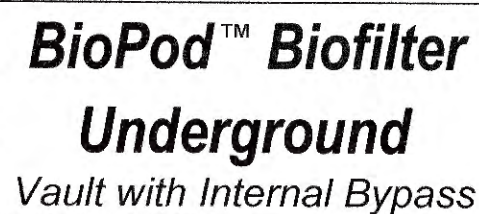


SITE SPECIFIC DATA				
Structure ID				WQ #1
Model Size				6'x8'
Orientation (Left or Right)				
Treatment Flow Rate (cfs)				0.1092 CFS
Peak Flow Rate (cfs)				1.1309 CFS
Rim Elevation				
Pipe Data	Pipe Location (Front or Side)	Pipe Size	Pipe Type	Invert Elevation
Inlet		14"	D.I.	58.10
Outlet		15"	CPEP	57.60
Notes:				

US Patents Pending



US Patents Pending



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3. SEE SEPARATE LANDSCAPE PLANS FOR LANDSCAPING REQUIREMENTS

**CALL 48 HOURS
BEFORE YOU DIG
DIAL 811**

 $\frac{1}{2}$

PRO VAC

ARCHITECTURE@CENTURYLINK.NET

Designed: _____
 Drawn: _____
 Checked: _____

Scale: 1"=

Date: 09/15

Job No.: 20

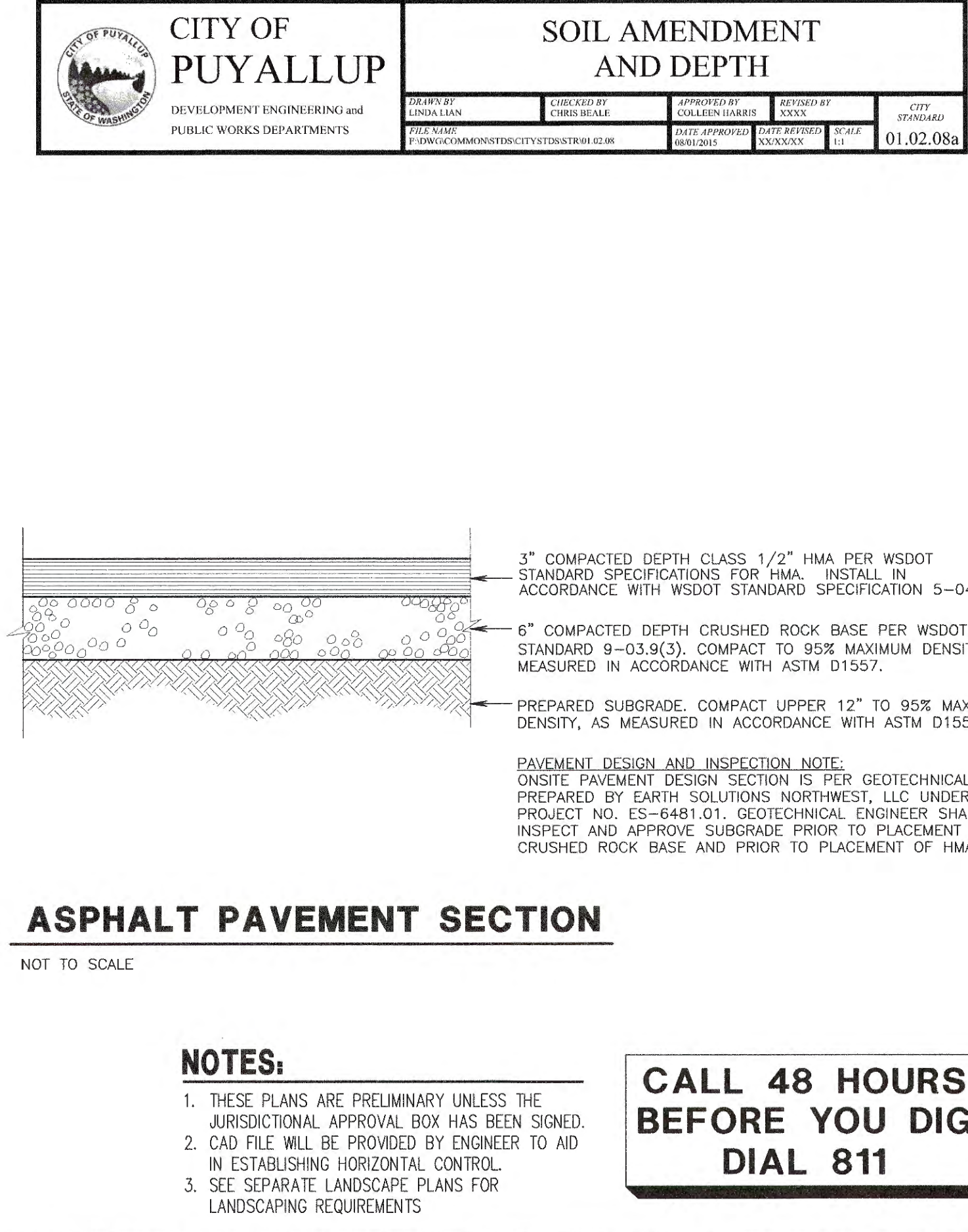
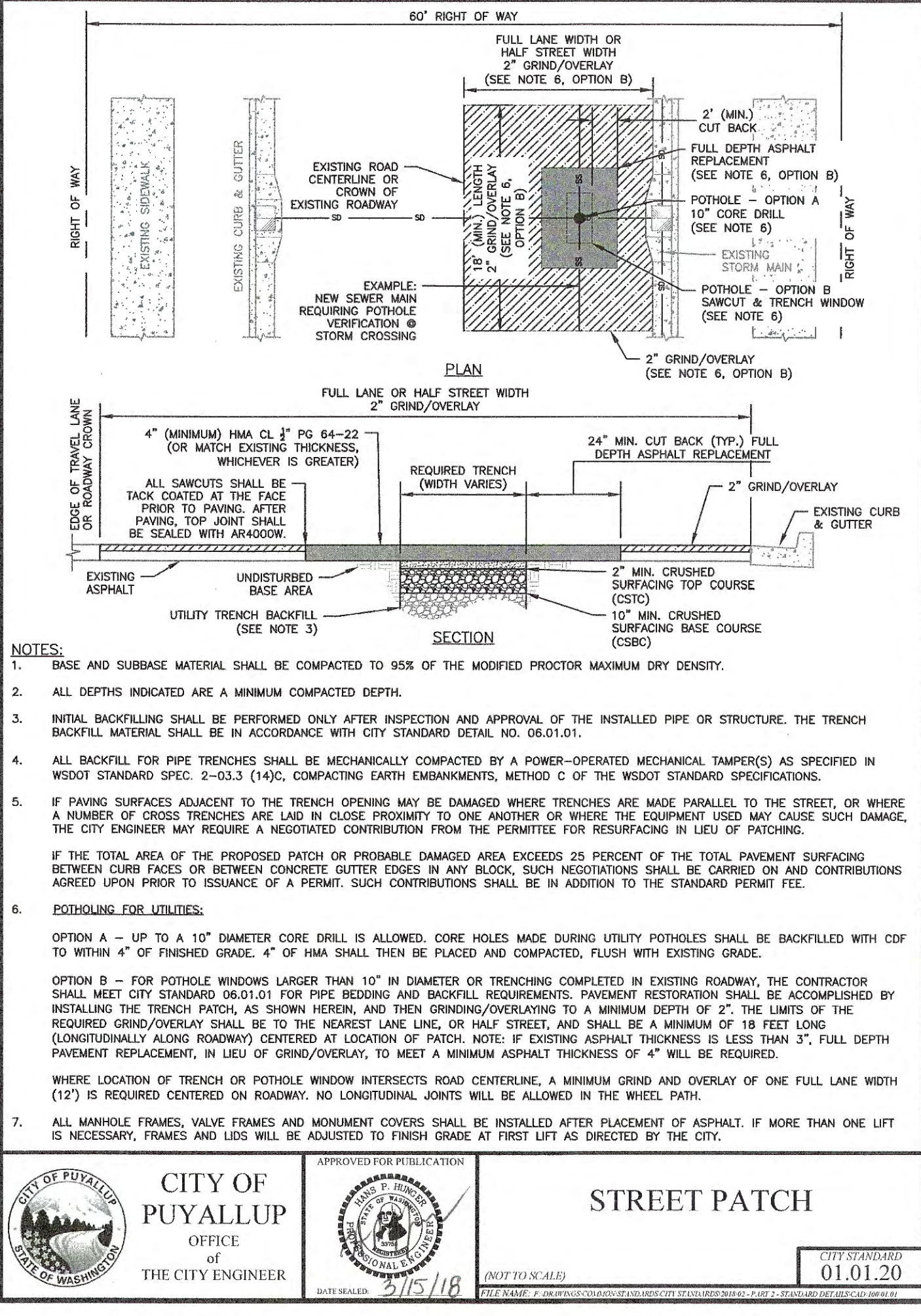
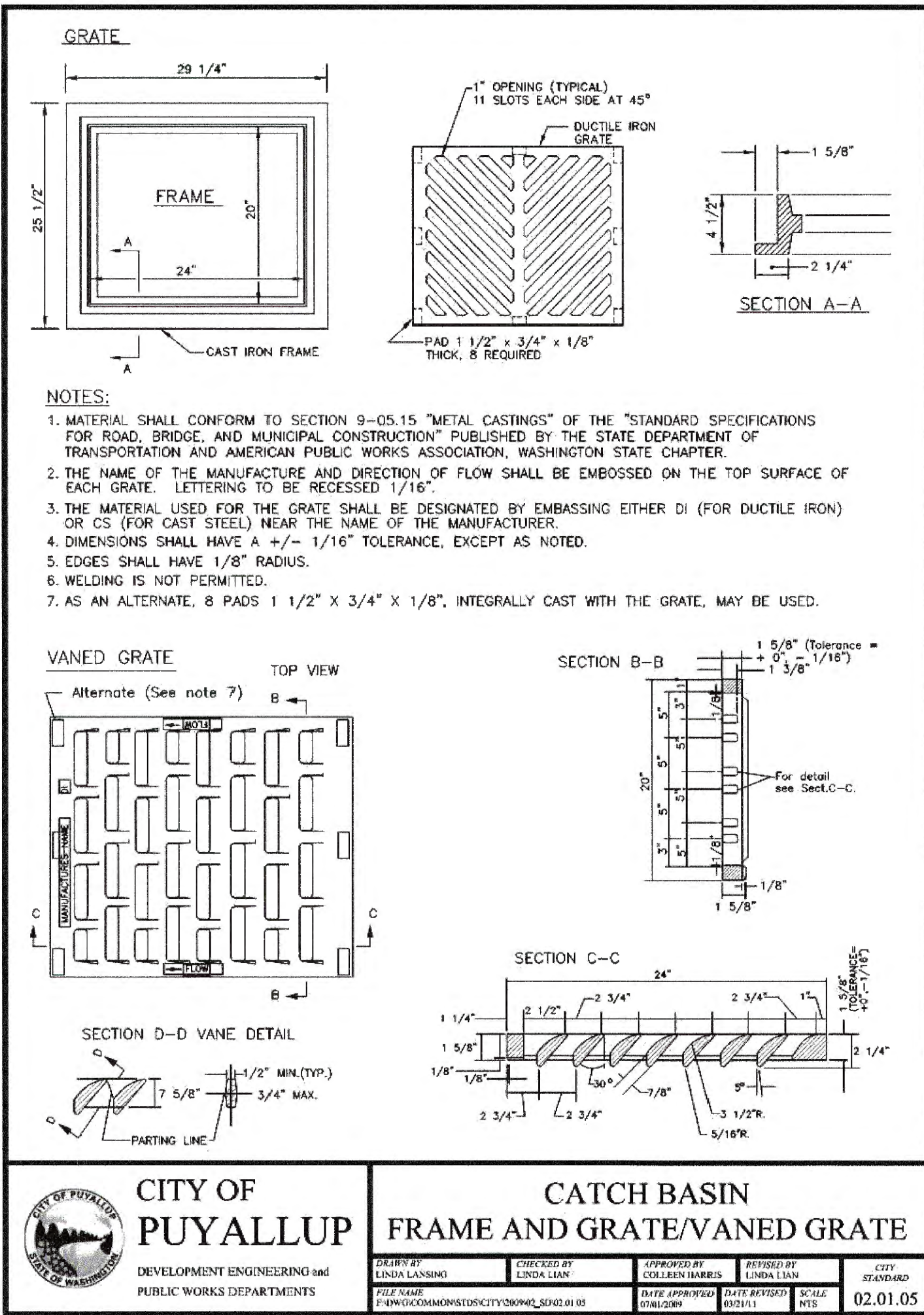
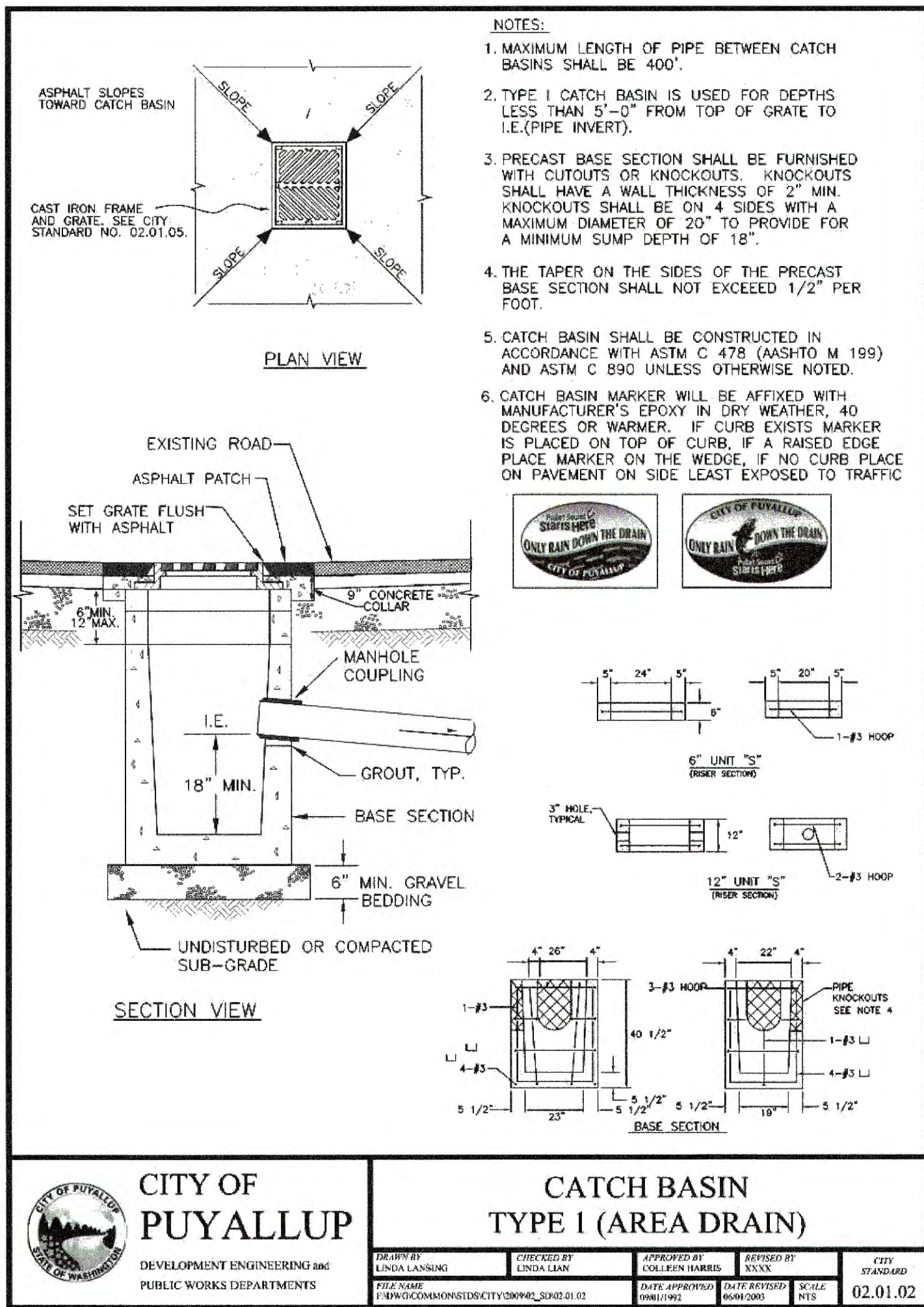
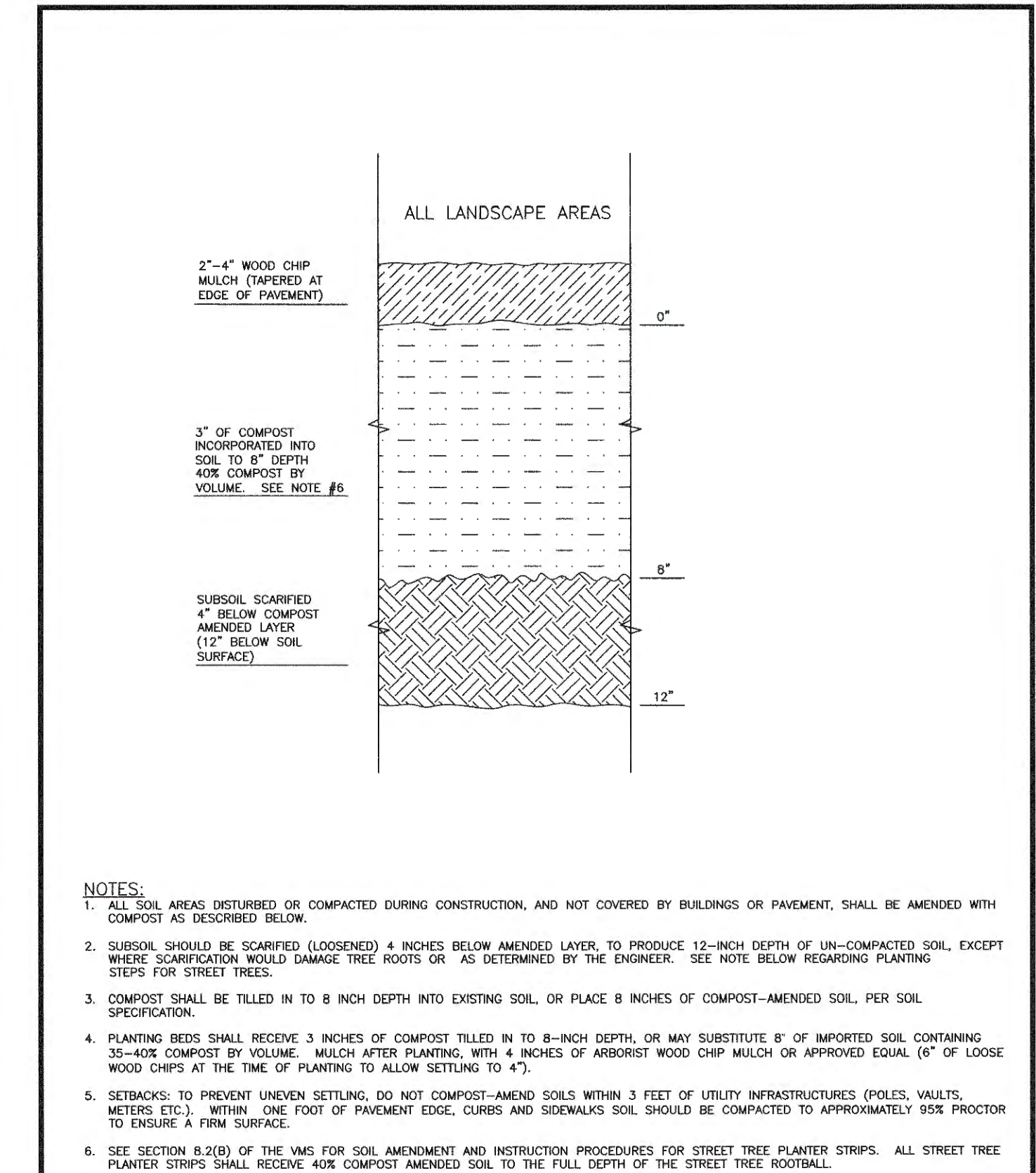
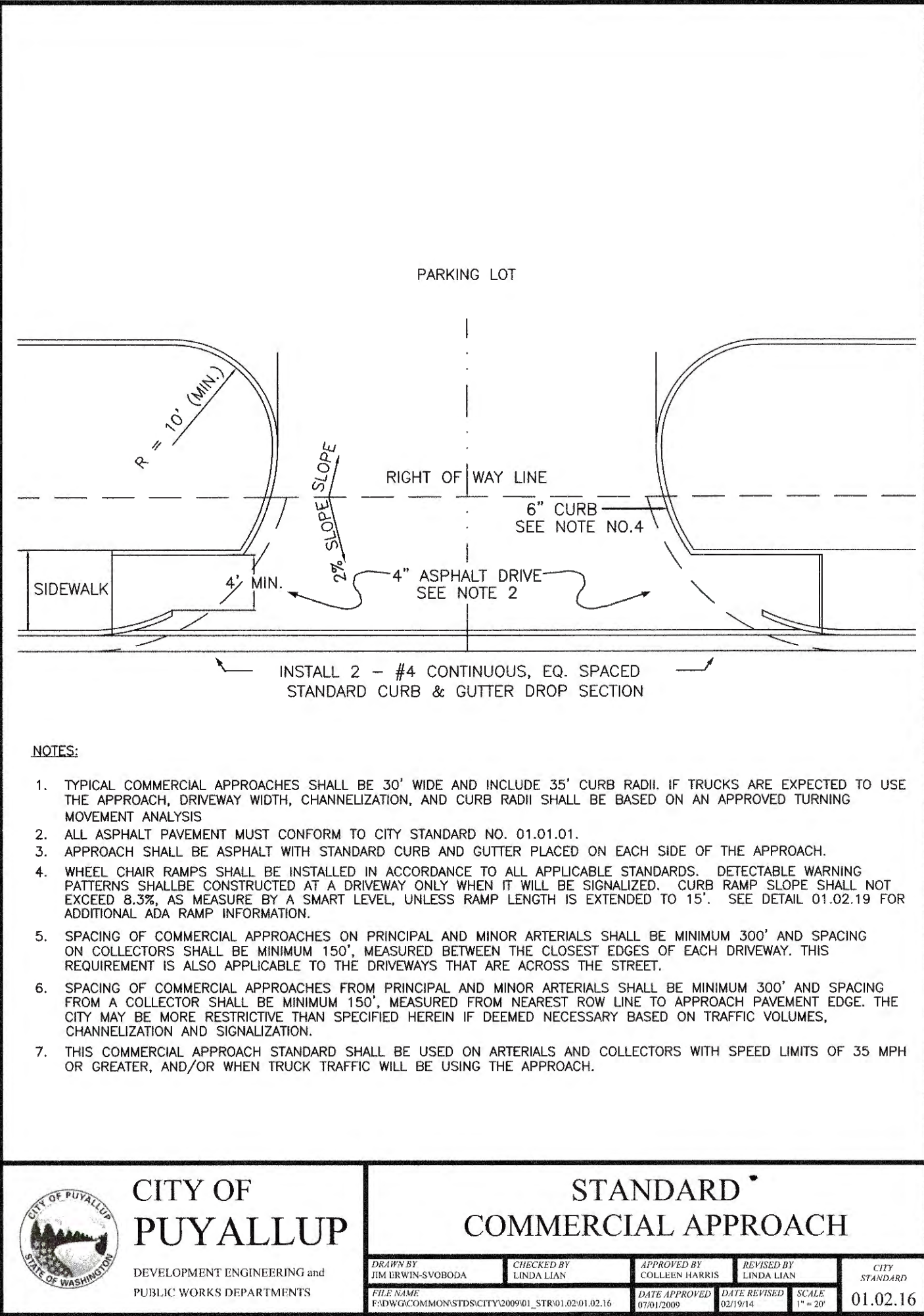
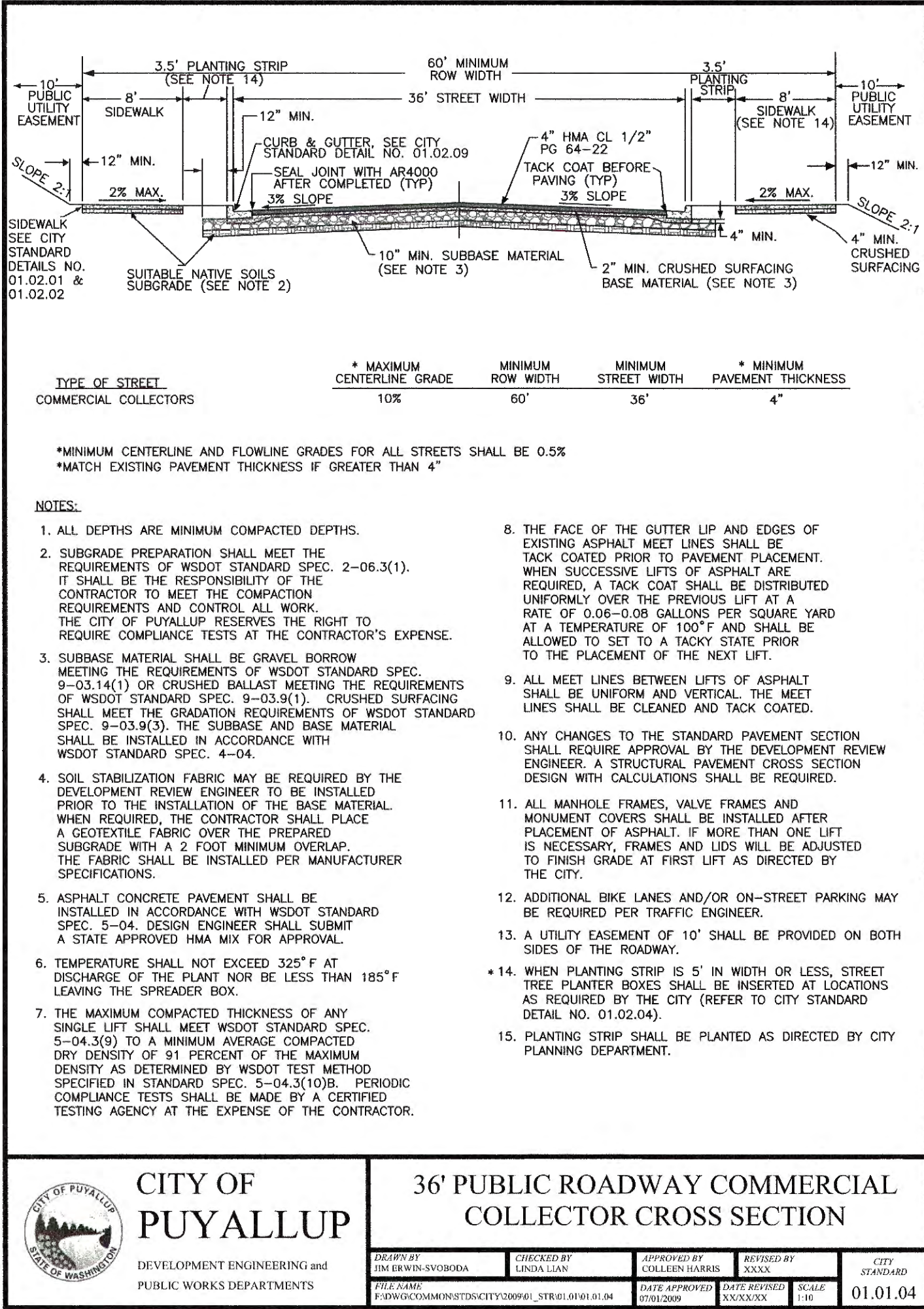
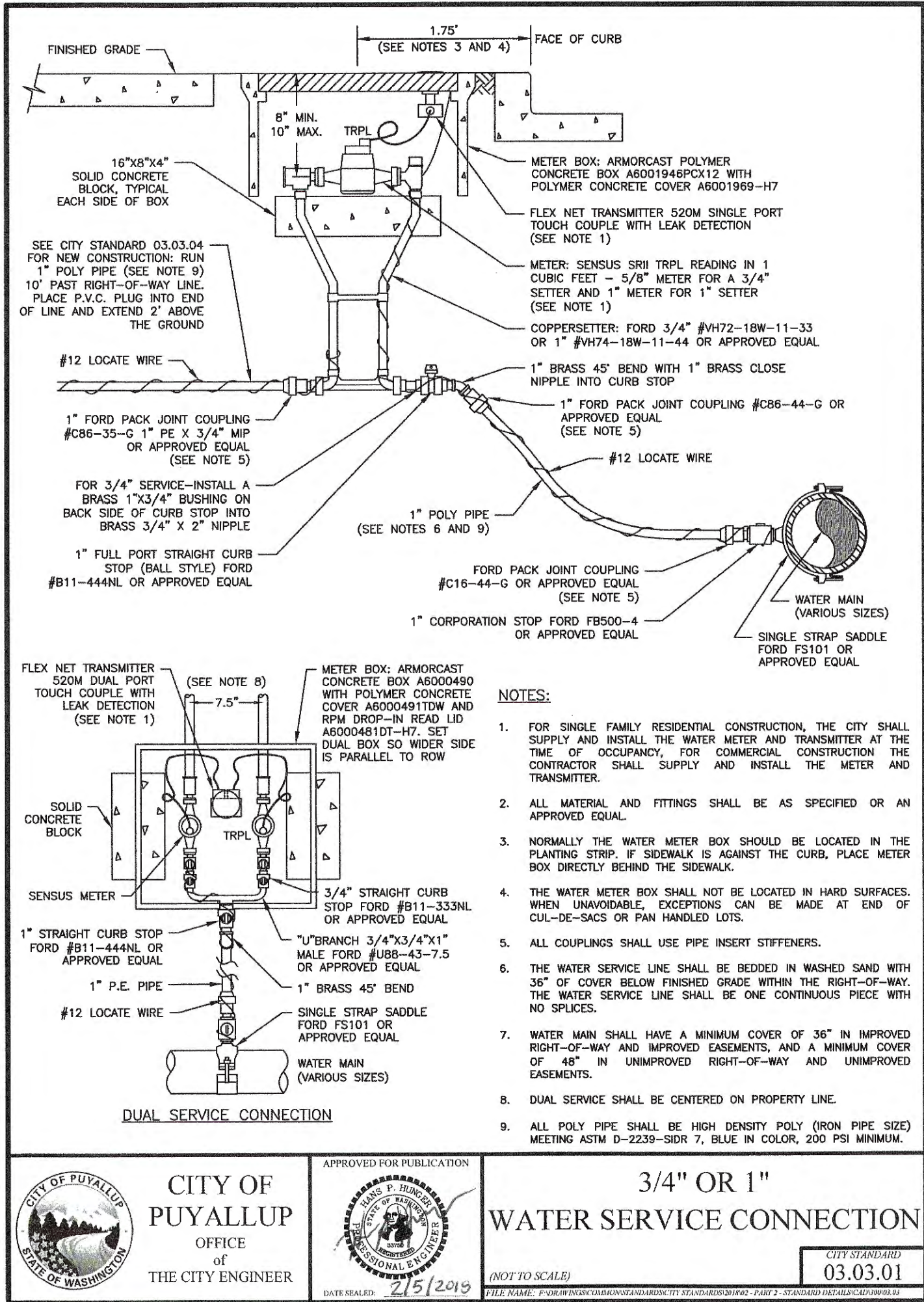
Sheet No.:

C8

8 of 10 Sheets

BEST PARKING LOT CLEANING

A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON



APPROVED

BY
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

APPROVED	DATE
BY	CITY OF PUYALLUP
DEVELOPMENT ENGINEERING	
DATE	



C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING
PH: (253) 848-4282
PUYALLUP, WA 98372
ceservices@cesanwinc.com

DESIGNED: DPS
DRAWN: MFB
CHECKED: CAD
DATE: 09/15/23
JOB NO.: 20083
SHEET NO.: C9

CALL 48 HOURS BEFORE YOU DIG DIAL 811

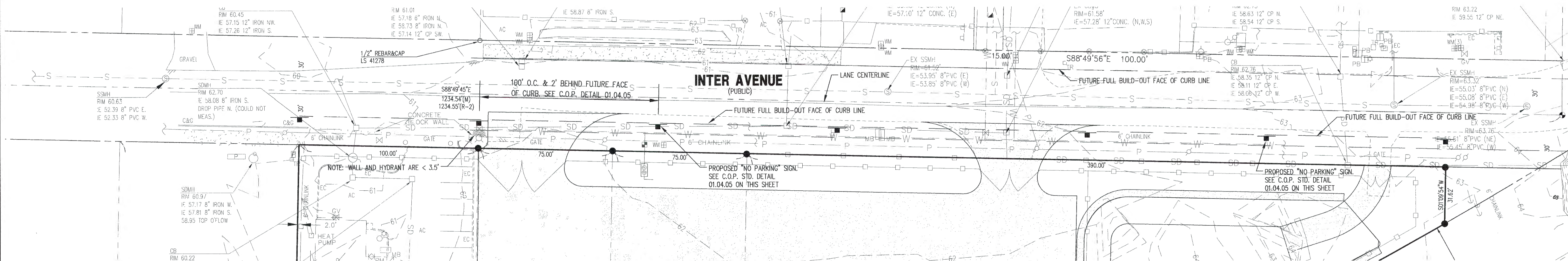
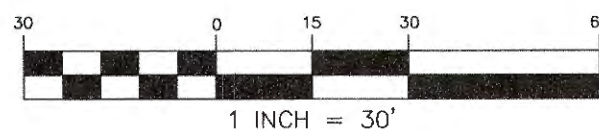
BEST PARKING LOT CLEANING
A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON

APPROVED

BY
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

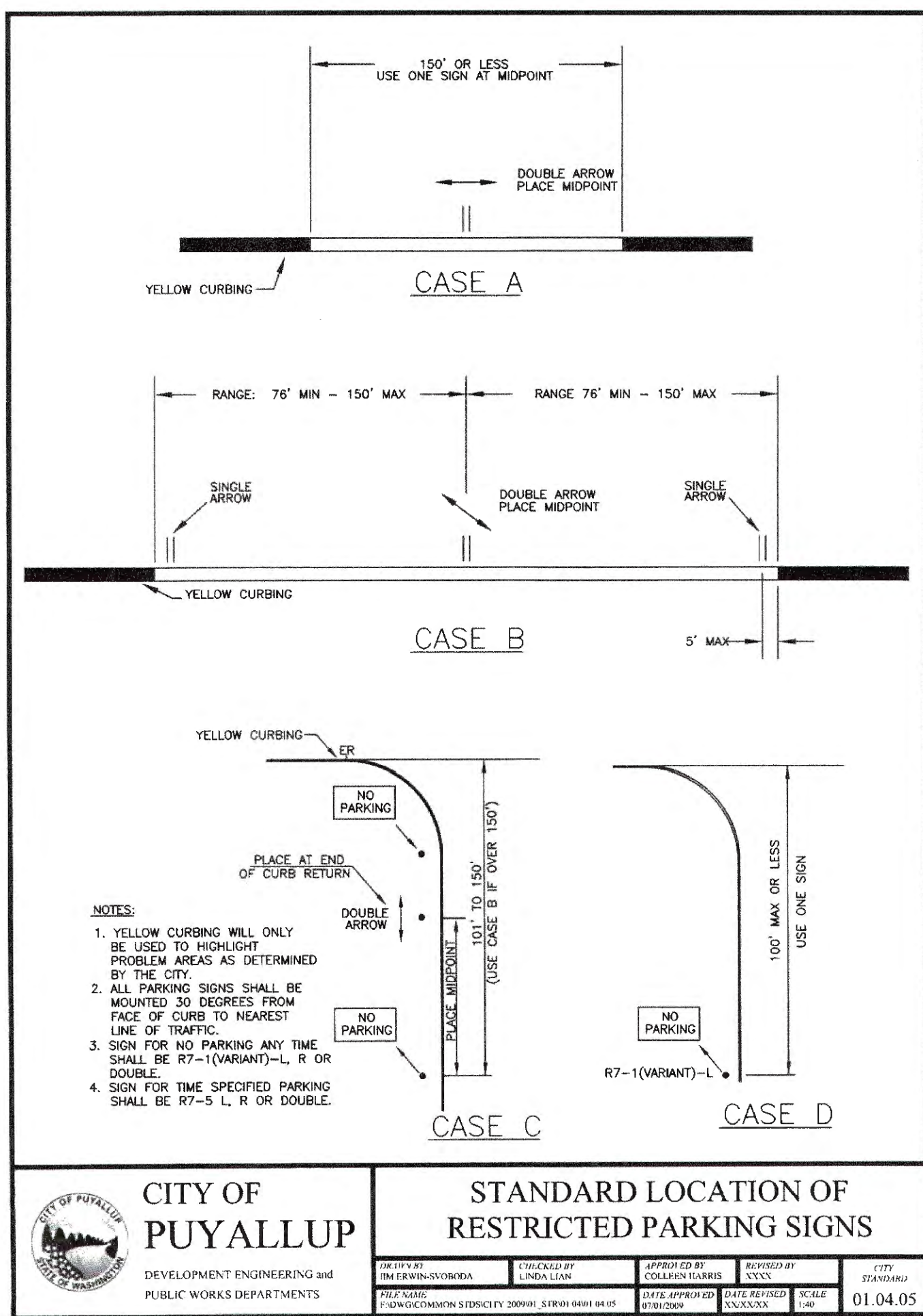
DATE

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ENGINEERING MANAGER.



INTER AVENUE SIGNAGE

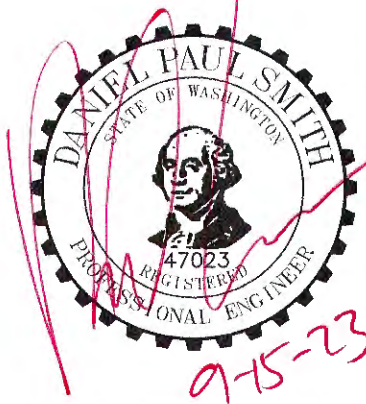
1"=30'



NOTES:

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2. CAD FILE WILL BE PROVIDED BY ENGINEER TO AID IN ESTABLISHING HORIZONTAL CONTROL.
3. SEE SEPARATE LANDSCAPE PLANS FOR LANDSCAPING REQUIREMENTS

CALL 48 HOURS
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C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING

230 - 20TH ST. NE, SUITE 0
PUYALLUP, WA 98372
PH: (253) 848-4382
ceservices@cesnwinc.com

BEST PARKING LOT CLEANING
SIGNAGE PLAN

PRO VAC

Project:

Client:
GIMTARCHITECTURE@CENTURYLINK.NET

Designed: DPS
Drawn: MFB
Checked: CAD

Scale: 1"=30'
Date: 09/15/23
Job No.: 20083

Sheet No.:

C10

10 of 10 Sheets

BEST PARKING LOT CLEANING
A PORTION OF NW1/4 OF THE SE1/4 OF SEC. 26, T20N, R04E
WILLAMETTE MERIDIAN, PIERCE COUNTY, WASHINGTON

- NOTES:
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DIAL 811

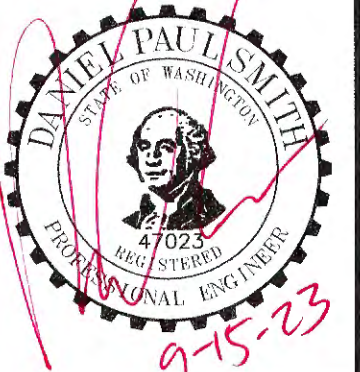
APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

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No.	Revision	Int.	Date



C.E.S. NW INC.
CIVIL ENGINEERING & SURVEYING

428 - 29TH ST. NE, SUITE D
PUYALLUP, WA 98372

PH: (253) 848-4282
ceservices@cesnwinc.com

Project: BEST PARKING LOT CLEANING
SIGHT DISTANCE PLAN

Client: GMIT ARCHITECTURE CENTURY LINK.NET

PRO VAC

Designed: DPS
Drawn: MFB
Checked: CAD

Scale: 1"=30'
Date: 09/15/23
Job No.: 20083

Sheet No.: 1

1 of 1 Sheets

