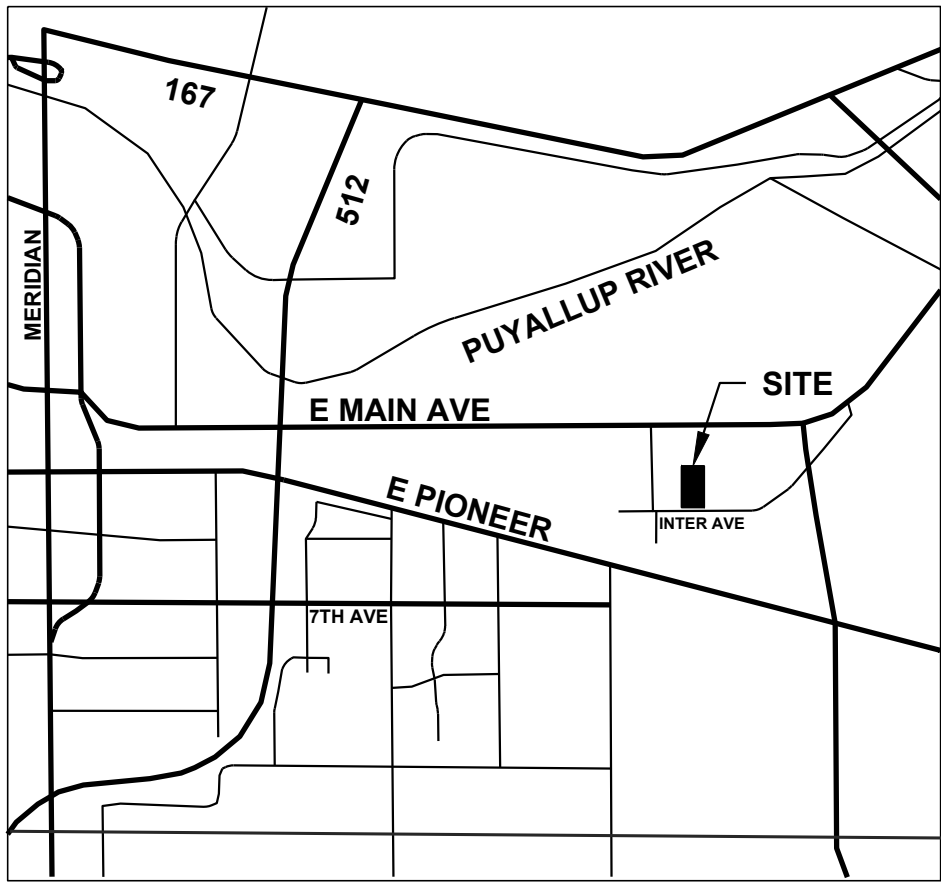




VICINITY MAP
SCALE: NTS

SITE SPECIFICATIONS

SITE DATA:
ASSESSORS/TAX PARCEL NUMBER(S): 2105200150
PARCEL/SITE SIZE: 80.436 SF / 1.85 ACRES
SECTION/TOWNSHIP/RANGE: 26/20/04
DEVELOPMENT JURISDICTION: CITY OF PUYALLUP
SITE ADDRESS: 2401 INTER AVE SE
PUYALLUP, WA 98372
ZONING: LIMITED MANUFACTURING
DENSITY: X
PRESENT USE: LIMITED MANUFACTURING
SENSITIVE AREAS: NO
WETLANDS: UNDER CURRENT REVIEW
FLOOD PLAIN HAZARD AREAS: NO
EROSION HAZARD AREAS: NO
LANDSLIDE HAZARD AREAS: NO
COAL MINE HAZARD AREAS: NO
SEISMIC HAZARD AREAS: NO
CREEKS/STREAMS: NO
LAKES: NO
STEEP SLOPES(10% OR GREATER): NO
VOLCANIC: NO
WILDLIFE HABITAT: NO
SHORELINE CLASSIFICATION: NO

NORTH: LIMITED MANUFACTURING
SOUTH: LIMITED MANUFACTURING
EAST: LIMITED MANUFACTURING
WEST: LIMITED MANUFACTURING

VERIFICATION NOTE

ALL EXISTING UTILITIES IN THE CONSTRUCTION AREA SHALL BE IDENTIFIED AND VERIFIED FOR DEPTH AND LOCATION PRIOR TO ANY CONSTRUCTION ACTIVITIES SO TO IDENTIFY ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION. CONTACT PROJECT ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE IDENTIFIED.

PRIOR TO ANY CONSTRUCTION ACTIVITIES, VERIFY EXISTING TOPOGRAPHY IS CONSISTENT WITH WHAT IS SHOWN ON PLANS AND IF THERE ARE ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION ACTIVITIES, CONTACT PROJECT ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE IDENTIFIED.

FIRE SPRINKLER NOTE

FIRE LINE SHALL BE SIZED BY A LICENSED FIRE PROTECTION ENGINEER. A SEPARATE, DETAILED PLAN SHALL BE APPROVED BY THE FIRE MARSHALL AND INSTALLED BY A WASHINGTON CERTIFIED LEVEL "U" CONTRACTOR IN ACCORDANCE WITH WAC 212-80-010. A POST INDICATOR VALVE SHALL BE INSTALLED ON THE SPRINKLER LINE TO ISOLATE THE FIRE SYSTEM FROM THE WATER SYSTEM WHEN REQUIRED.

FILL SPECIFICATIONS

FILL MATERIAL SHALL NOT CONTAIN PETROLEUM PRODUCTS, OR SUBSTANCES WHICH ARE HAZARDOUS, DANGEROUS, TOXIC, OR WHICH OTHERWISE VIOLATE ANY STATE, FEDERAL, OR LOCAL LAW, ORDINANCE, CODE, REGULATION, RULE, ORDER, OR STANDARD.

TOPOGRAPHIC NOTE

THE EXISTING CULTURAL AND TOPOGRAPHICAL DATA SHOWN ON THESE DRAWINGS HAS BEEN PREPARED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, MCINNIS ENGINEERING CANNOT ENSURE ACCURACY AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THAT INFORMATION, OR FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.

PROJECT BENCHMARK

ELEVATION: 60.21 FEET
DESCRIPTION:
SOUTHWEST DEED CORNER BEING A REBAR WITH PLASTIC CAP STAMPED
"APEX LS 41278/45792" AT SURFACE

SECONDARY PROJECT BENCHMARK

ELEVATION: 61.41 FEET
DESCRIPTION:
SOUTHEAST DEED CORNER BEING A REBAR WITH PLASTIC CAP STAMPED
"APEX LS 41278/45792" AT SURFACE

METHODOLOGY:

THIS SURVEY WAS PERFORMED VIA CONVENTIONAL AND RADIAL TRAVERSE METHODS WITH A TOPCON PS103 3" SECOND TOTAL STATION AND A GEOMAX ZOOM 95 3" SECOND TOTAL STATION TOGETHER WITH RTK NETWORK/ROVER TECHNIQUES UTILIZING TOPCON GR-3 RECEIVER AND CARLSON GR7 RECEIVER AND MEET OR EXCEED ACCURACY REQUIREMENTS CONTAINED IN WAC 332.130.090

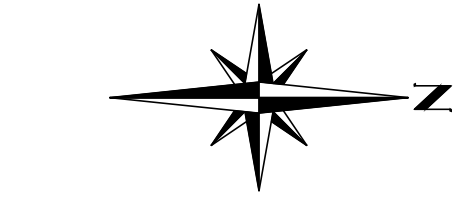
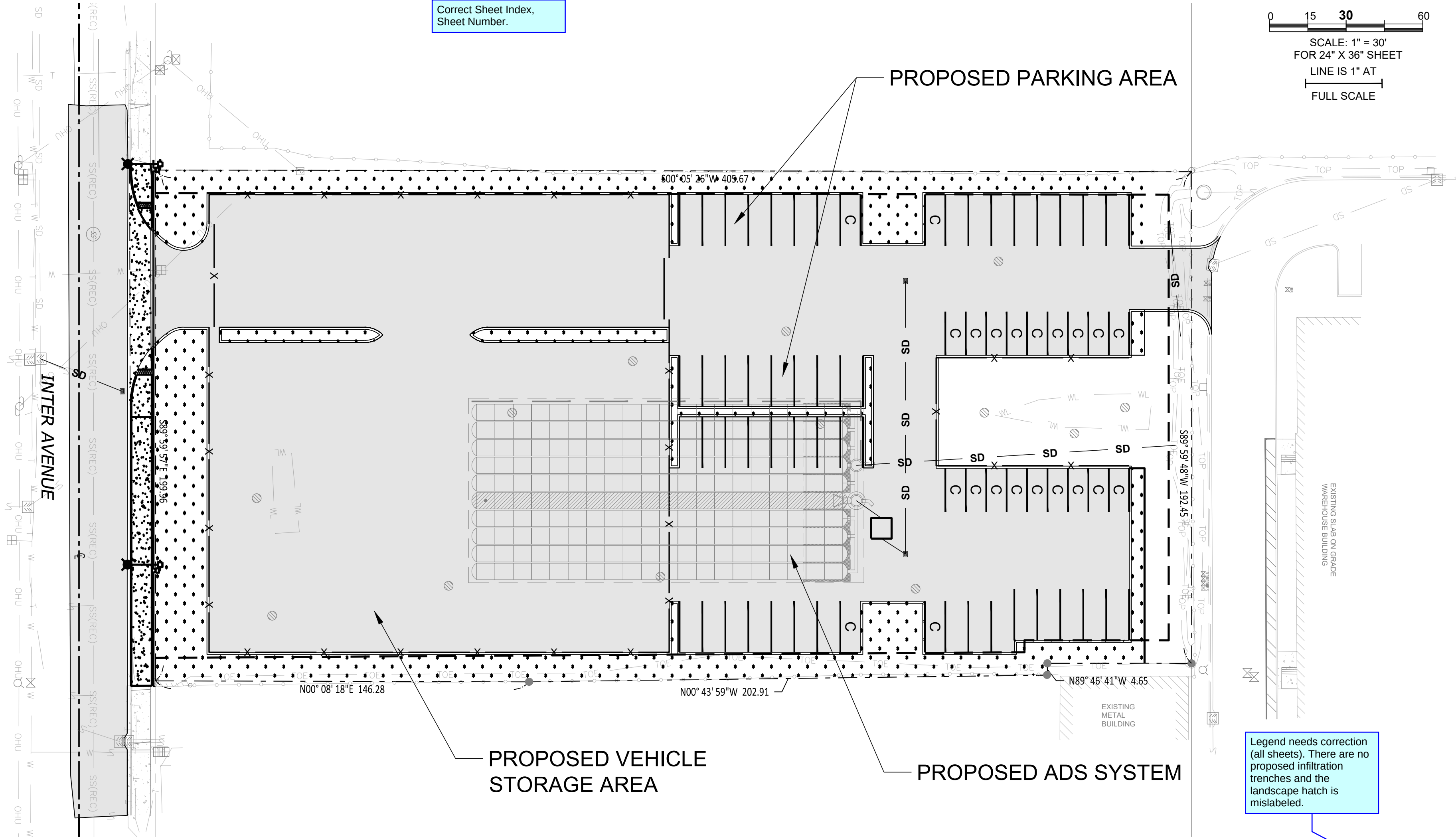
2401 INTER COVER SHEET

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

SHEET INDEX

SHEET NUMBER	SHEET NAME	DESCRIPTION
1	C-1	COVER SHEET
2	C-2	SITE PLAN AND HORIZONTAL CONTROL
3	C-3	TESC PLAN
4	C-4	TESC NOTES AND DETAILS
5	C-5	GRADING PLAN
6	C-6	FRONTAGE IMPROVEMENT PLAN
7	C-7	STREET LIGHTING PLAN
8-11	C8-C12	NOTES AND DETAILS

Correct Sheet Index,
Sheet Number.



0 15 30 60
SCALE: 1" = 30'
FOR 24" X 36" SHEET
LINE IS 1" AT
FULL SCALE

Legend needs correction
(all sheets). There are no
proposed infiltration
trenches and the
landscape hatch is
mislabelled.

CIVIL ENGINEER

MCINNIS ENGINEERING
202 E 34TH ST
TACOMA, WA 98404
CONTACT: WILL MCINNIS
OFFICE: 253-414-1992

OWNER/CLIENT:

2401 INTER INC
BOX P.O. 252
PUYALLUP, WA 98371
(253) 841-1388
MIKE@EJPOULTRY.COM

SURVEYOR

MCINNIS ENGINEERING
202 E 34TH ST
TACOMA, WA 98404
CONTACT: LARRY WALKER
OFFICE: 253-414-1992

PROJECT SPECIFICATIONS

PARCEL NO: 2105200150
ADDRESS: 2401 INTER AVE SE PUYALLUP, WA 98372
ZONING: LIMITED MANUFACTURING
PARCEL SIZE: 1.85 AC
PROPOSED LOT USE: LM
NO. OF DWELLING UNITS: 0
DOMESTIC WATER SOURCE: PUBLIC
SEWAGE DISPOSAL SYSTEM: PUBLIC
EXISTING PARKING TOTAL: 0
PROPOSED PARKING TOTAL: 3

BASIS OF BEARINGS

HELD BEARING OF: SOUTH 89° 59' 57" EAST ALONG THE CENTER LINE OF INTER AVENUE AS SHOWN ON RECORD OF SURVEY FOR BOUNDARY LINE RESOLUTION UNDER PIERCE COUNTY AUDITOR'S FILE NUMBER 201705315001

VERTICAL DATUM

NAVD 88.

THE BENCHMARKS SHOWN HEREON WERE DERIVED BY GPS 15 MINUTE OBSERVATIONS CONSTRAINING TO THE WSRN (WASHINGTON STATE REFERENCE NETWORK) AND EMPLOYING THE 2012a GEOID MODEL.

HORIZONTAL DATUM

ASSUMED

SURVEYORS NOTES:

- NO DEED CORNERS WERE SET THIS SURVEY
- THIS SURVEY DOES NOT PURPORT TO SHOW ALL OR ANY EASEMENTS OF RECORD. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF TITLE REPORT.
- THE PURPOSE OF THIS SURVEY IS TO SHOW CURRENT CONDITIONS OF SITE FOR DESIGN PURPOSES
- THIS SURVEY SHOWN HEREON IS A CONGLOMERATION OF DATA OBSERVED BY THIS SURVEYOR FROM TWO DIFFERENT COMPANIES. ALL WORK SHOWN HEREON WAS PERFORMED BY THIS SURVEYOR. DATA SHOWN HEREON NORTH OF THE SOUTHERLY BANK OF THE NORTHERLY DEPICTED EAST/WEST DRAINAGE SWALE WAS OBSERVED IN 2024 UNDER MCINNIS ENGINEERING. ALL DATA SOUTHERLY OF SAID SOUTHERLY DRAINAGE SWALE BANK WAS OBSERVED IN 2019 UNDER ABBEY ROAD GROUP. SAID ABBEY ROAD GROUP DATA MAY NOT REFLECT CURRENT CONDITIONS.
- DATES OF SURVEY: MAY 07, 2019 AND DECEMBER 13TH AND 20TH, 2024.
- CONTOUR INTERVAL SHOWN HEREON IS AT A 1' INTERVAL.
- THE SUBSURFACE UTILITIES OF POWER, NATURAL GAS, AND TELECOMMUNICATIONS WERE DEMARCATED BY 811 ONE CALL SERVICE IN APRIL OF 2019 AND FIELD LOCATED BY ABBEY ROAD GROUP IN MAY OF 2019. ABBEY ROAD GROUP DOES NOT WARRANT NOR CERTIFY THE ACCURACY OR COMPLETENESS OF SAID UTILITIES. NO UTILITY LOCATES WERE REQUESTED FOR THE 2024 TOPOGRAPHIC SURVEY AREA. THERE MAY EXIST UTILITIES NOT SHOWN HEREON.
- THIS SURVEY DOES NOT RESOLVE ANY POSSIBLE UNWRITTEN RIGHTS DUE TO ADVERSE POSSESSION OR OTHER OCCUPATIONAL INDICATORS SUCH AS FENCES.
- INVESTIGATION OF SUBSURFACE UTILITIES AS CONTRACTED BETWEEN ABBEY ROAD GROUP AND CLIENT WAS LIMITED TO 811 ONE CALL LOCATES. THERE MAY BE OTHER UTILITIES NOT DEPICTED. IF CONSTRUCTION IS TAKE PLACE WITHIN THE DEPICTED TOPOGRAPHY, ONE MUST BE CAUTIOUS AND MAY HAVE TO PERFORM ADDITIONAL RESEARCH FOR RECORD LOCATIONS OF UTILITIES IN THE AREA.
- SEWER LATERALS AS DEPICTED WERE DERIVED THROUGH 811 UTILITY MARKING AND ABBEY ROAD GROUP DOES NOT WARRANT NOR CERTIFY THE ACCURACY OR COMPLETENESS OF SAID UTILITIES.
- FOR A COMPLETE BOUNDARY BREAKDOWN, PLEASE REFERENCE RECORD OF SURVEY FOR BOUNDARY LINE RESOLUTION UNDER PIERCE COUNTY AUDITOR'S FILE NUMBER 201705315001

CUT AND FILL

FILL: 0 CY
CUT: 10,857CY

PLEASE NOTE THAT CUT AND FILL NUMBERS ARE ESTIMATES AND MAY NOT REFLECT THE FINAL IMPORT/EXPORT.

LEGAL DESCRIPTION

PER BOUNDARY LINE RESOLUTION PURSUANT TO RCW 58.04.007 AND QUIT CLAIM RECORDED UNDER PIERCE COUNTY AFN 201705310130

LOT 8, ACKERSON'S 2ND ADDITION TO PUYALLUP, ACCORDING TO PLAT RECORDED IN BOOK 80F PLATS, AT PAGE 25, PIERCE COUNTY, WASHINGTON; SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

EXCEPT THAT OF LOT 8, ACKERSON'S 2ND ADDITION TO PUYALLUP, ACCORDING TO PLAT RECORDED IN BOOK 80F PLATS, AT PAGE 25, PIERCE COUNTY, WASHINGTON LAYING EASTERLY OF THE FOLLOWING DESCRIBED LINE:
BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 8 THENCE NORTH 0° 18' 18" EAST ALONG THE EAST LINE OF LOT 8 A DISTANCE OF 146.28 FEET TO THE INTERSECTION OF THE CYCLONE FENCE AS IT EXISTS AS OF FEBRUARY 17, 2017;

THENCE NORTH 0° 43' 59" WEST ALONG THE EXISTING CYCLONE FENCE A DISTANCE OF 202.91 FEET TO A POINT 5.00 FEET SOUTHERLY OF THE SOUTH FACE OF THE METAL BUILDING AS IT EXISTS AS OF FEBRUARY 17, 2017;
THENCE NORTH 89° 46' 41" WEST PARALLEL WITH THE EXISTING METAL BUILDING A DISTANCE OF 4.65 FEET TO A POINT 5 FEET FROM THE WESTERLY FACE OF THE EXISTING METAL BUILDING;
THENCE NORTH 0° 01' 42" EAST PARALLEL WITH THE WESTERLY FACE OF THE EXISTING METAL BUILDING A DISTANCE OF 56.50 FEET TO A POINT ON THE NORTHERLY LINE OF SAID LOT 8, SAID POINT LAYS SOUTH 89° 59' 48" WEST AND 7.85 FEET DISTANT FROM THE NORTHEAST CORNER OF SAID LOT 8;
AREA OF EXCEPTION BEING 763 SQUARE FEET MORE OR LESS, CONTAINING 80436 SQUARE FEET (1.85 ACRES) MORE OR LESS.

EXISTING LEGEND

	EXISTING SURFACE SPOT ELEVATION		BUILDING
	EXISTING STORM DRAIN CATCH BASIN		FLOW LINE CURB
	SANITARY SEWER MANHOLE		EXTRUDED CURB
	EXISTING WATER METER		STANDARD CURB
	EXISTING WATER VALVE		EDGE OF CONCRETE
	EXISTING FIRE HYDRANT		EDGE OF GRAVEL
	EXISTING IRRIGATION CONTROL VALVE		EXISTING SANITARY SEWER LINE RECORD POSITION
	EXISTING POWER METER		EXISTING STORM DRAIN LINE
	EXISTING UTILITY POLE		EXISTING WATER LINE
	EXISTING UTILITY JUNCTION BOX		EXISTING SUBTERRANEAN TELECOMMUNICATIONS LINE
	EXISTING SIGN AS NOTED		EXISTING OVERHEAD UTILITY LINE
	EXISTING GROUND SPOT ELEVATION		EXISTING CHAINLINK FENCE AS NOTED
	POWER JUNCTION BOX		WETLAND MARGIN
	PROPERTY LINE MARKER		EDGE EXISTING ASPHALT PAVING
	CENTERLINE		EXISTING CONCRETE SURFACE
	RIGHT OF WAY		EXISTING ASPHALT SURFACE
	MAJOR CONTOUR		EXISTING GRAVEL SURFACE
	MINOR CONTOUR		BUILDING HATCH
	EXISTING TOP OF SLOPE		
	EXISTING TOE OF SLOPE		

PROPOSED LEGEND

	PROPERTY LINE
	SETBACK
	PROPOSED CONCRETE
	PROPOSED ASPHALT
	PROPOSED INFILTRATION TRENCH
	PROPOSED INFILTRATION TRENCH
	PROPOSED INFILTRATION TRENCH
	STORM DRAIN
	PROPOSED FENCE
	CATCH BASIN
	PROPOSED CONTOUR LINES

CALL BEFORE YOU DIG
1-800-424-5555 OR 811

mcinnisengineering.com
253.414.1992

McInnis
ENGINEERING

2401 INTER
COVER SHEET

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION	INITIAL	RELEASE	DATE	NUM
			01/24/25	V1

DESIGNED W. MCINNIS	SCALE 1"=30'
DRAWN W. MCINNIS	CHECKED J. MCINNIS
DATE 01/24/25	APPROVED J. MCINNIS

JOB NO.

24-166

SHEET
C1 OF C12

C1

2401 INTER
SITE PLAN AND HORIZONTAL CONTROL

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

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.

mcinnisengineering.com
253.414.1992

202 East 34th Street
Tacoma, Washington 98404

McInnis
ENGINEERING

2401 INTER
SITE PLAN

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION

INITIAL RELEASE

DATE

01/24/25

NUM

V1

DESIGNED
W. MCINNIS

CHECKED
J. MCINNIS

DRAWN
W. MCINNIS

APPROVED
J. MCINNIS

DATE
01/24/25

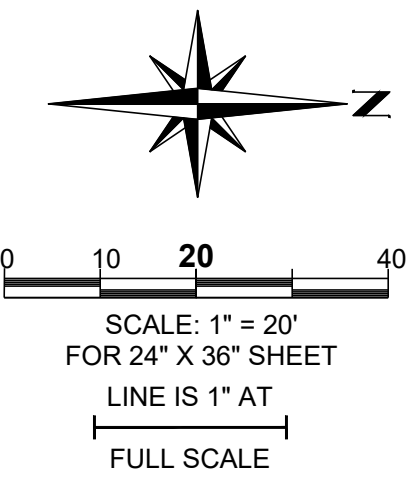
JOB NO.

24-166

SHEET

C2 OF C12

C2

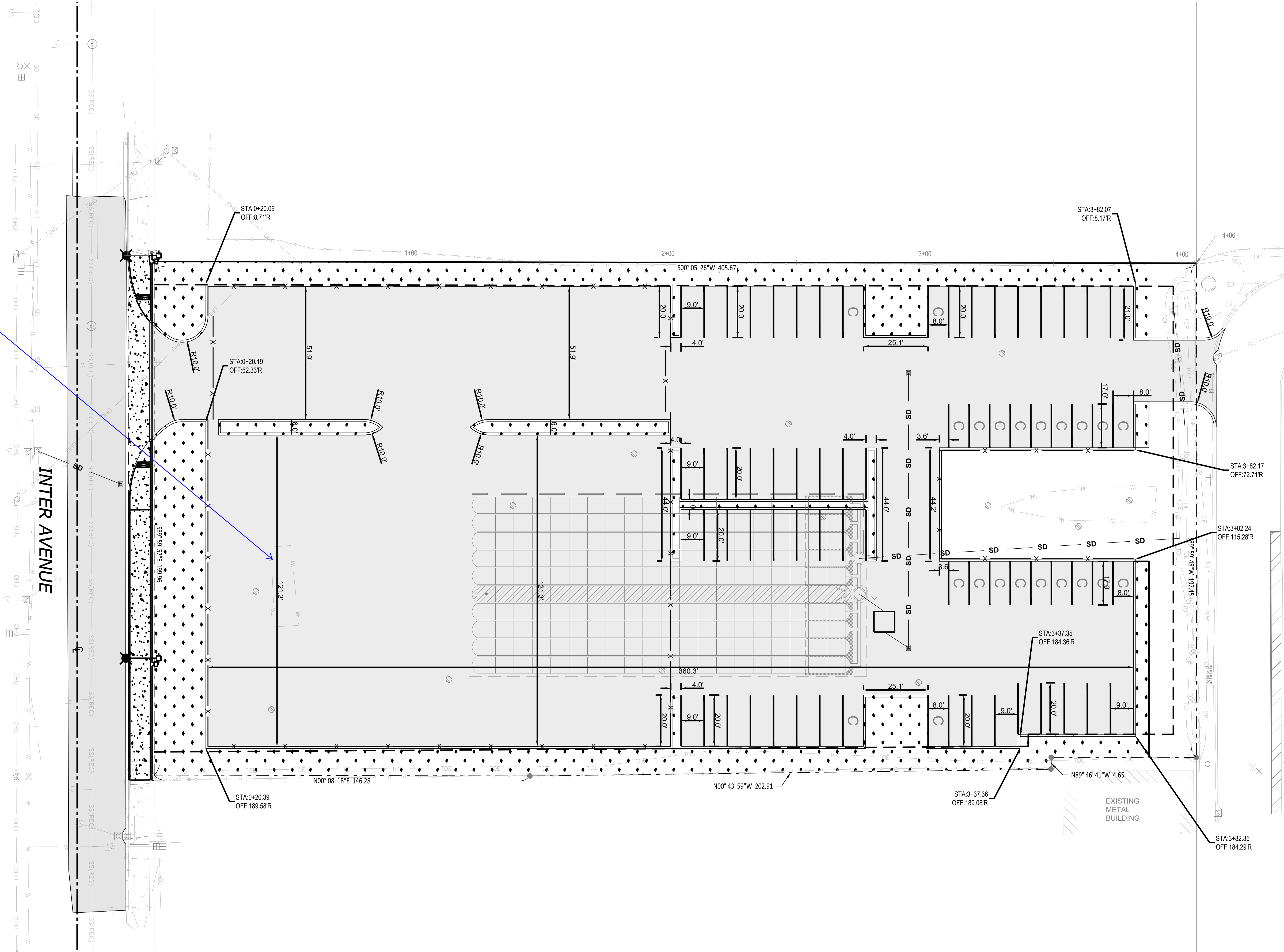


CALL BEFORE YOU DIG
1-800-424-5555 OR 811

Clarify the wetland
symbol here. Include
symbol in legend.

PROPOSED LEGEND

- PROPERTY LINE
- SETBACK
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED INFILTRATION TRENCH
- PROPOSED INFILTRATION TRENCH
- PROPOSED INFILTRATION TRENCH
- STORM DRAIN
- PROPOSED FENCE
- CATCH BASIN



2401 INTER TESC PLAN

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

TESC INSPECTION NOTES:

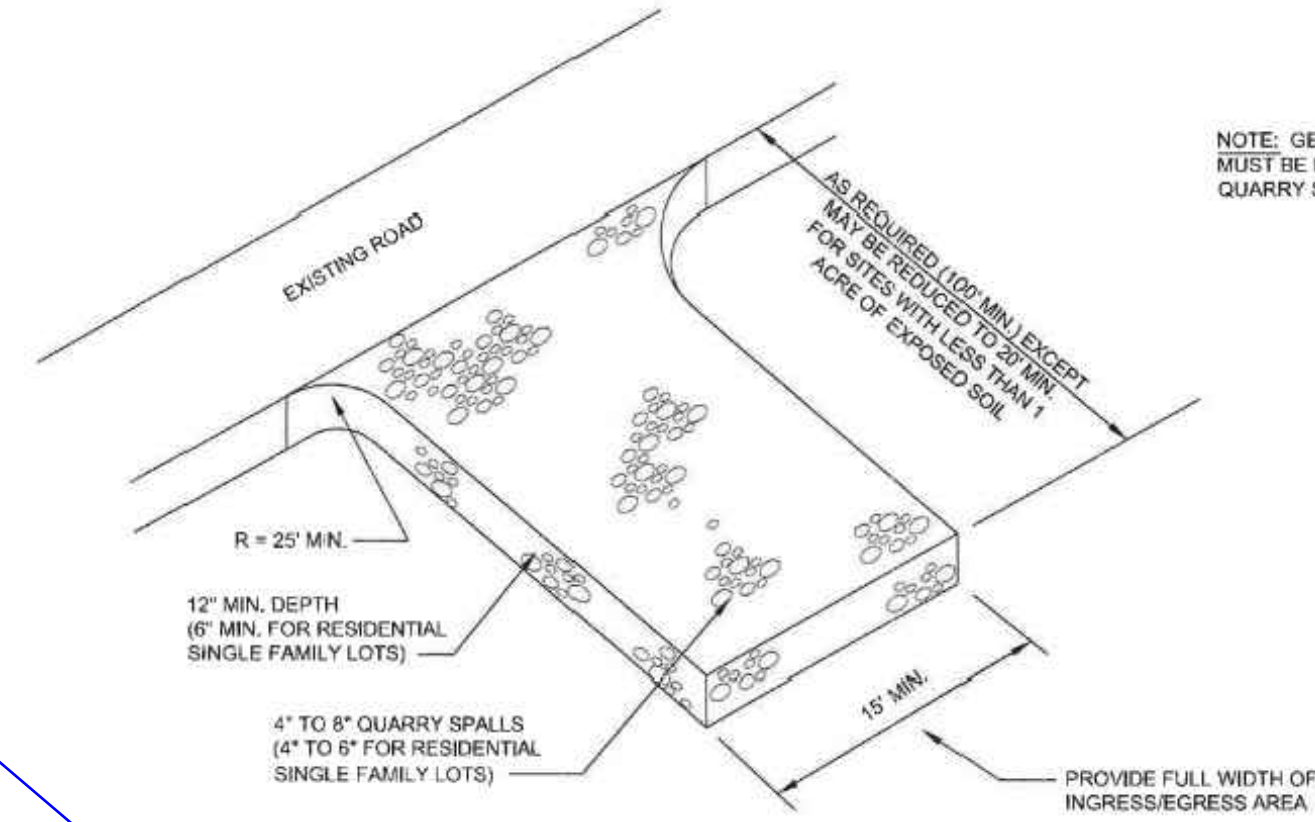
1. INSPECT ALL INLET PROTECTION ON CATCH BASINS. CLEAN OR REPLACE IF FULL OF SEDIMENT /DEBRIS AND REPAIR/REPLACE AS NEEDED IF DAMAGED TO MAINTAIN PROTECTION.
2. INSPECT ALL PERMANENT EROSION CONTROL MEASURES TO ENSURE ANY DAMAGED SECTIONS AND RE-VEGETATE AS NEEDED TO ENSURE THE ESTABLISHMENT OF VEGETATION AND THAT NO EROSION OF THE SLOPES OCCURS.
3. INSPECT ALL FILTER FABRIC FENCING FOR SIGNS OF EROSION, DAMAGE OR FAILURES. REPAIR AND/OR REPLACE AS NEEDED TO ENSURE FILTER FABRIC IS MAINTAINED AND NOT DAMAGED.
4. INSPECT ALL EROSION CONTROL MEASURES TO ENSURE THEY ARE MAINTAINED AND NOT DAMAGED. WHEN EROSION REACHES 1/3 THE FENCE HEIGHT, IF EROSION IS OCCURRING, CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS NEEDED TO PREVENT EROSION.
5. ANY FILLSLOPE SLOPES SHALL BE INSPECTED FOR EROSION. IF SIGNS OF EROSION ARE PRESENT, INSTALL APPROPRIATE BMPs AS NEEDED TO STOP EROSION AND STABILIZE SLOPES.
6. TESC LEAD RESPONSIBLE FOR NOTIFYING ENGINEER IF ADDITIONAL MEASURES ARE WARRANTED.

PERMANENT STABILIZATION NOTES:

1. ALL EXPOSED SOILS AND SLOPES SHALL BE SEEDED OR OTHERWISE STABILIZED IMMEDIATELY AFTER CONSTRUCTION AND GRADING ACTIVITIES HAVE BEEN COMPLETED.
2. SILT FENCE, IF DEEMED APPROPRIATE, SHALL REMAIN FOR A MINIMUM OF 30 DAYS AFTER THE FINAL STABILIZATION OF THE SLOPES HAS OCCURRED.
3. ALL TEMPORARY EROSION CONTROL BMP'S SHALL BE REMOVED 30 DAYS AFTER FINAL STABILIZATION HAS OCCURRED AS DIRECTED BY CITY OR COUNTY INSPECTOR.
4. CONTRACTOR SHALL REFER TO THE CONSTRUCTION SWPP FOR APPLICABLE BMP'S.

CONSTRUCTION ENTRANCE NOTES:

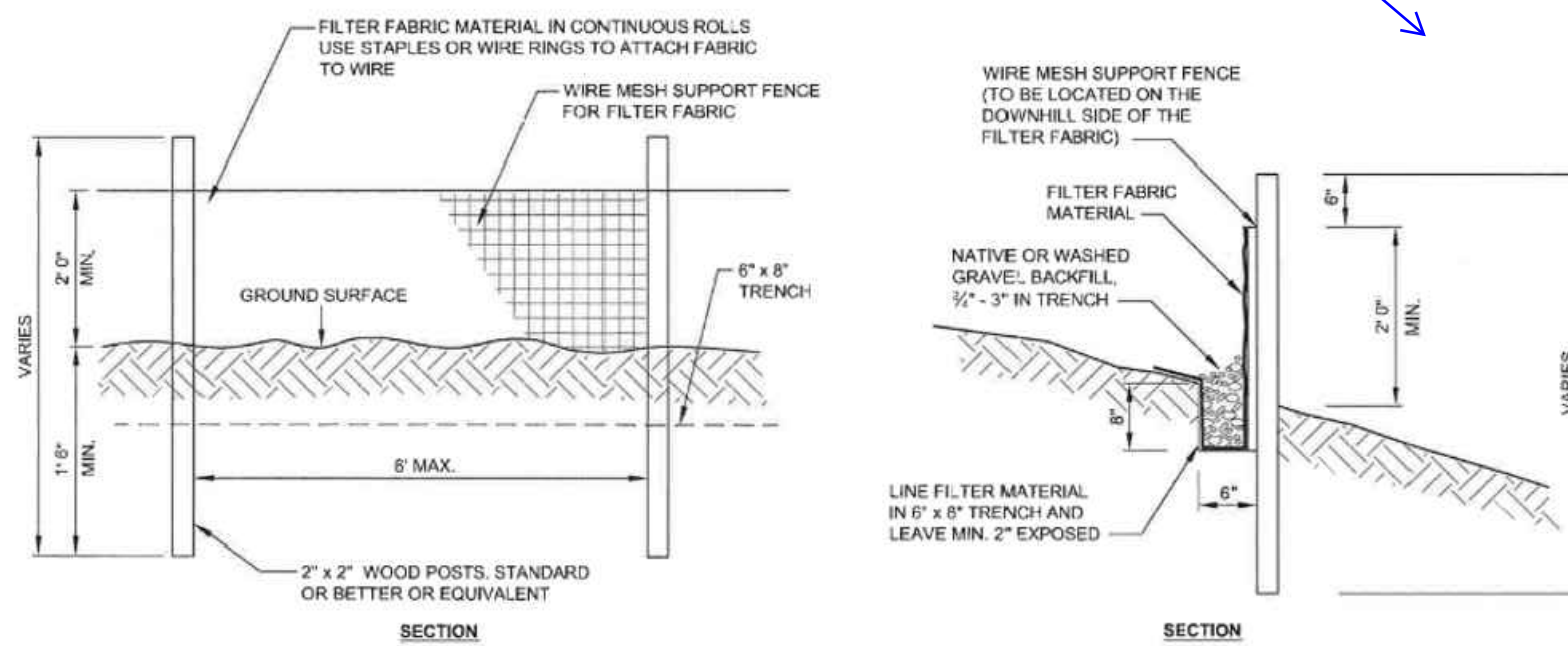
1. MATERIAL SHALL BE 4" TO 8" QUARRY SPALLS (4 TO 6 INCH FOR RESIDENTIAL SINGLE FAMILY LOTS) AND MAY BE TOP-DRESSED WITH 1 TO 3 INCH ROCK.
2. THE ROCK PAD SHALL BE AT LEAST 12" THICK AND 100' LONG (REDUCED TO 20 FEET FOR SITES LESS THAN 1 ACRE OF DISTURBED SOIL) WIDTH SHALL BE FULL WIDTH OF INGRESS AND EGRESS AREA. SMALLER PADS MAY BE APPROVED FOR SINGLE-FAMILY RESIDENTIAL LOTS AND CONCRETE DRIVEWAYS.
3. ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY TO MAINTAIN FUNCTION OF THE PAD.
4. IF THE PAD DOES NOT ADEQUATELY REMOVE MUD FROM THE VEHICLE WHEELS, THE WHEELS SHALL BE HOSED OFF BEFORE THE VEHICLE ENTERS A DRIVE STREET THE WASHING SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK AND WASH WATER SHALL PAVED TO A SEDIMENT RETENTION FACILITY OR THROUGH A SILT FENCE.



1 CONSTRUCTION ENTRANCE
SCALE: NTS

FILTER FABRIC FENCE NOTES:

1. SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY FASTENED AT BOTH ENDS TO POSTS.
2. POSTS SHALL BE SPACED A MAXIMUM OF 8 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 30 INCHES).
3. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 8 INCHES WIDE AND 12 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. THIS TRENCH SHALL BE BACKFILLED WITH WASHED GRAVEL.
4. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, THE WIRES OR HOG RINGS THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
5. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
6. A HIGH-STRENGTH FILTER FABRIC WITH A POST SPACING OF 6 FEET, WHEN USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ABOVE NOTES APPLYING.
7. FILTER FABRIC FENCES SHALL NOT BE REMOVED BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
8. FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
9. FILTER FENCES WILL BE INSTALLED PARALLEL TO THE SLOPE CONTOUR OF THE SLOPE.
10. CONTRIBUTING LENGTH TO FENCE WILL NOT BE GREATER THAN 100 FEET.
11. DO NOT INSTALL BELOW AN OUTLET PIPE OR WEIR.
12. INSTALL DOWNSLOPE OF EXPOSED AREAS.
13. DO NOT DRIVE OVER OR PILL OVER SILT FENCES.



2 FILTER FABRIC FENCE

AMENDED SOILS NOTES:

- SOIL AMENDMENTS ARE REQUIRED FOR ALL DISTURBED AREAS IN ACCORDANCE WITH CS 01.02.0A AND DEPTH OF THE 2012 SURFACE WATER MANAGEMENT MANUAL.
- AMENDED SOILS SHALL BE A MINIMUM OF 8" (NON-COMPACTED) WITH SUBSOILS SCARIFIED AT LEAST 4" WITH INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
- QUALITY OF COMPOST AND OTHER MATERIALS USED TO MEET THE ORGANIC CONTENT REQUIREMENTS ARE AS FOLLOWS:
 - a. THE ORGANIC CONTENT FOR "PRE-APPROVED" AMENDMENT RATES CAN BE MET ONLY USING COMPOST THAT MEETS THE DEFINITION OF "COMPOSTED MATERIALS" IN WAC 173-350-220. THE WAC IS AVAILABLE ONLINE AT: <http://www.ecy.wa.gov/programs/swcra/facilities/SW50.html>. THE COMPOST MUST ALSO HAVE AN ORGANIC MATTER CONTENT OF 35% 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.
 - b. CALCULATED AMENDMENT RATES CAN BE MET THROUGH USE OF COMPOSTED MATERIALS AS DEFINED ABOVE, OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS, AND MEETING THE CONTAMINANT STANDARDS OF GRADE A COMPOST.
- USE ONE OF THE FOLLOWING OPTIONS TO MEET THE POST CONSTRUCTION SOIL QUALITY AND DEPTH REQUIREMENTS. USE THE MOST RECENT VERSION OF "GUIDELINES FOR RESOURCES FOR IMPLEMENTING SOIL QUALITY AND DEPTH BMP 15.13" TO MEET THE REQUIREMENTS OF THIS BMP. THIS GUIDANCE CAN BE FOUND ONLINE AT WWW.SOILSFORSALMON.ORG
- LOTS WITH VEGETATION AND/OR EXISTING SUBSOILS SHALL BE PROTECTED FROM COMPACTION DURING CONSTRUCTION
- AMEND EXISTING SITE TOPSOIL OR SUBSOIL EITHER AT DEFAULT "PRE-APPROVED" RATES, OR AT CUSTOM CALCULATED RATES BASED ON SPECIFIC 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
- 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.
- AMENDED SOILS SHALL BE MAINTAINED AS FOLLOWS:
 - a. SOIL QUALITY AND DEPTH SHOULD BE ESTABLISHED TOWARD THE END OF CONSTRUCTION AND ONCE ESTABLISHED, SHOULD BE PROTECTED FROM COMPACTION, SUCH AS FROM LARGE MACHINERY USE, AND FROM EROSION.
 - b. SOIL SHOULD BE PLANTED AND MULCHED AFTER INSTALLATION.
 - c. PLANT DEBRIS OR ITS EQUIVALENT SHOULD BE LEFT ON THE SOIL SURFACE TO REPLENISH ORGANIC MATTER.
 - d. IT SHOULD BE POSSIBLE TO REDUCE USE OF IRRIGATION, FERTILIZERS, HERBICIDES AND PESTICIDES. THESE ACTIVITIES SHOULD BE ADJUSTED WHERE POSSIBLE, RATHER THAN CONTINUING TO IMPLEMENT FORMERLY ESTABLISHED PRACTICES.
- SEE PROJECT CONSTRUCTION SWPPP FOR ADDITIONAL INFORMATION OR SECTION 2.2.1.4 OF CHAPTER 2 OF VOLUME 6 OF THE 2021 SURFACE WATER MANAGEMENT MANUAL.

MULCHING NOTES:

1. MULCH MATERIALS USED SHALL BE STRAW OR HAY, AND SHALL BE APPLIED AT THE RATE OF 75-100 POUNDS PER 1000 SQ. FT. (APPROX 2" THICK).
2. MULCH 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 SEEDDED BECAUSE OF THE SEASON.
4. ALL AREAS NEEDING MULCH SHALL BE COVERED BY NOVEMBER 1.

CONTRACTOR NOTES:

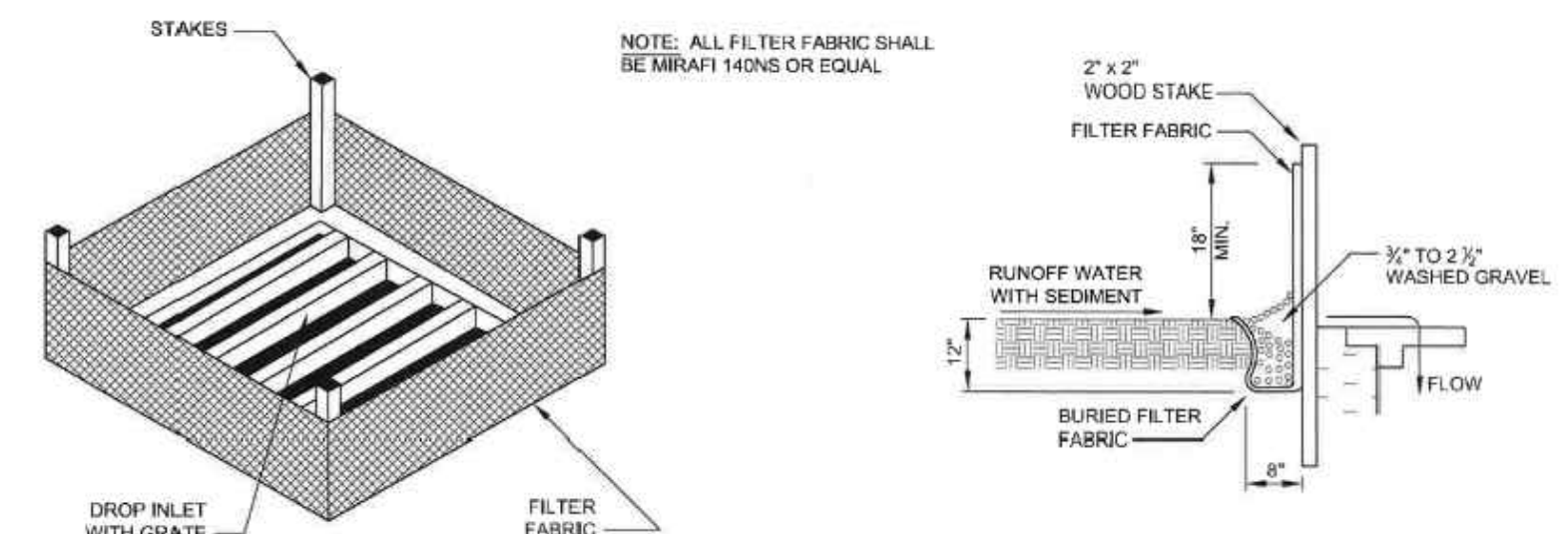
1. INLET PROTECTION SHALL BE INSTALLED IN ALL NEWLY CONSTRUCTED CATCH BASINS AND ALONG ALL IMPACTED FRONTAGE AND OFFSITE AREAS PER THE REQUIREMENTS OF THE CITY INSPECTOR PER DETAIL 3 ON THIS SHEET.
2. CONSTRUCTION FENCE SHALL BE UTILIZED IN PLACE OF FILTER FABRIC FENCE ONLY IN AREAS WHERE THE GRADES DO NOT ALLOW FOR THE POTENTIAL FOR A STORMWATER TO LEAVE THE SITE.
3. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT A CITY APPROVED LOCATION AND IN A MANNER CONSISTENT WITH CURRENT REGULATIONS AND REQUIREMENTS.
4. ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN (7) DAYS DURING THE DRY SEASON OR TWO (2) DAYS DURING THE WET SEASON, SHALL BE COVERED WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, OR OTHER EQUIVALENT PER CURRENT CITY OR COUNTY STANDARDS. SEE SEEING NOTES AND MULCHING NOTES ON THIS SHEET.
5. CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPT OF ECOLOGY CERTIFIED EROSION CONTROL LEAD PERSON, AND SHALL COMPLY WITH THE CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT.
6. AT ANY TIME DURING CONSTRUCTION IT IS DETERMINED BY THE CITY OR COUNTY THAT MUD AND DEBRIS ARE BEING TRACKED OUTTO PUBLIC STREETS WITH INSUFFICIENT CLEANUP, ALL WORK SHALL CEASE ON THE PROJECT UNTIL THIS CONDITION IS CORRECTED. THE CONTRACTOR AND/OR THE OWNER SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE THE INSTALLATION OF CURB, WASH FACILITY ON-SITE.
7. SEDIMENT LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE LIMITS OF THE IMPROVEMENTS. ADDITIONAL MEASURES SHALL BE INSTALLED AS NEEDED.
8. SAND BAGS SHALL BE SECURELY PLACED AROUND INSTALLED CATCH BASINS WITH INLET PROTECTION AS FIELD AND WEATHER CONDITIONS WARRANT SO TO PROTECT ALL DISPERSION AND INFILTRATION TRENCHES SEDIMENT LADEN RUNOFF.
9. TREES WITHIN WORKING LIMITS TO BE SAVED, SHALL BE MARKED AS SUCH ON SITE AND PROTECTION FENCE PLACED AROUND EACH TREE.

SEEDING NOTES:

1. THE FOLLOWING SEED MIXTURE SHALL BE AS BELOW AND SHALL BE APPLIED AT THE RATE RECOMMENDED BY THE SUPPLIER.

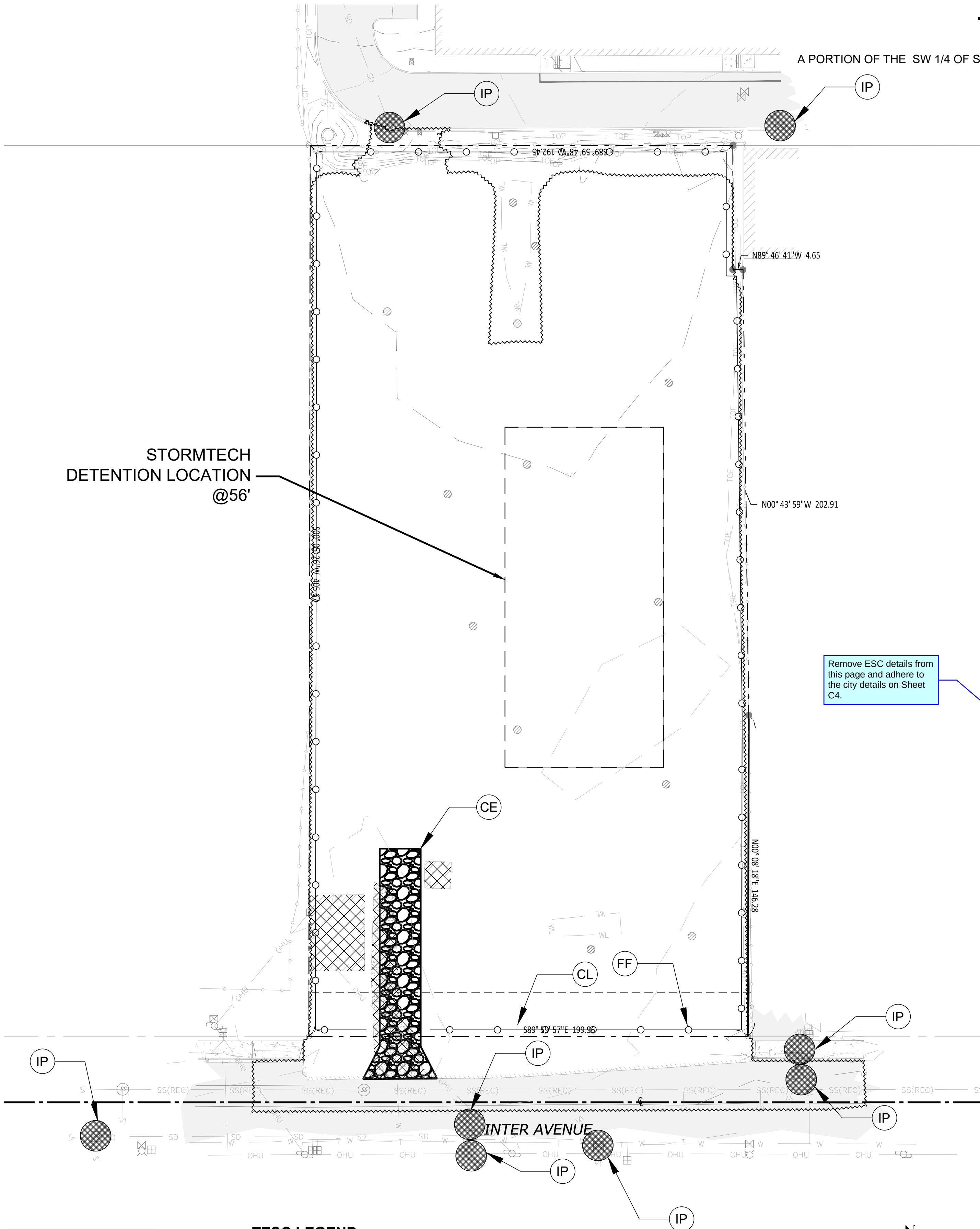
TABLE D.3.2.B TEMPORARY EROSION CONTROL SEED MIX			
	% WEIGHT	% PURITY	% GERMINATION
CHEWINGS OR RED FESCUE FESTUCA RUBRA VAR. COMMUTATA OR FESTUCA RUBRA	40	98	90
ANNUAL OR PERENNIAL RYE LOLIUM MULTIFLORUM OR LOLIUM PERENNE	40	98	90
REDTOP OR COLONIAL BENTGRASS AGROSTIS ALBA OR AGROSTIS TENUIS	10	92	85
WHITE DUTCH CLOVER TRIFOLIUM REPENS	10	98	90

- [illegible]

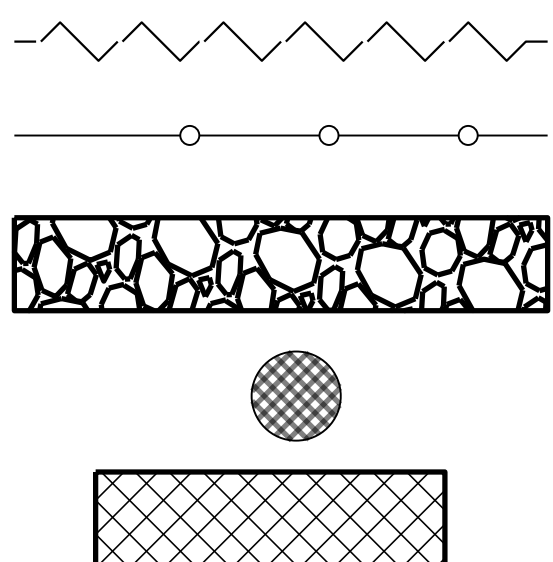


3 INLET PROTECTION

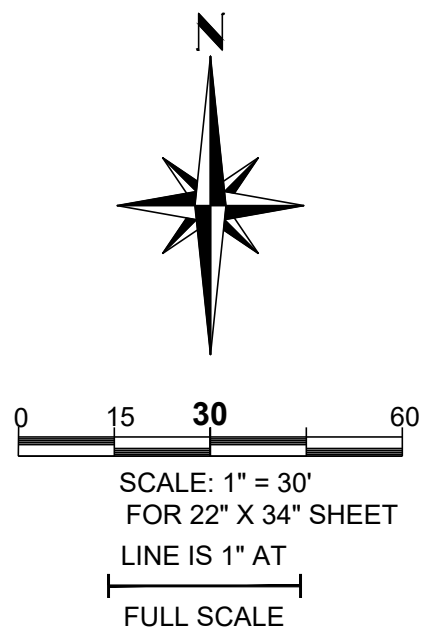
CALL BEFORE YOU DIG
1-800-424-5555 OR 811



TESC LEGEND:



CL	CLEARING/ GRADING/ DISTURBED LIMITS
FF	FILTER FABRIC FENCE SEE DETAIL
CE	CONSTRUCTION ENTRANCE
IP	INLET PROTECTION
DR	DEMO AND REMOVE



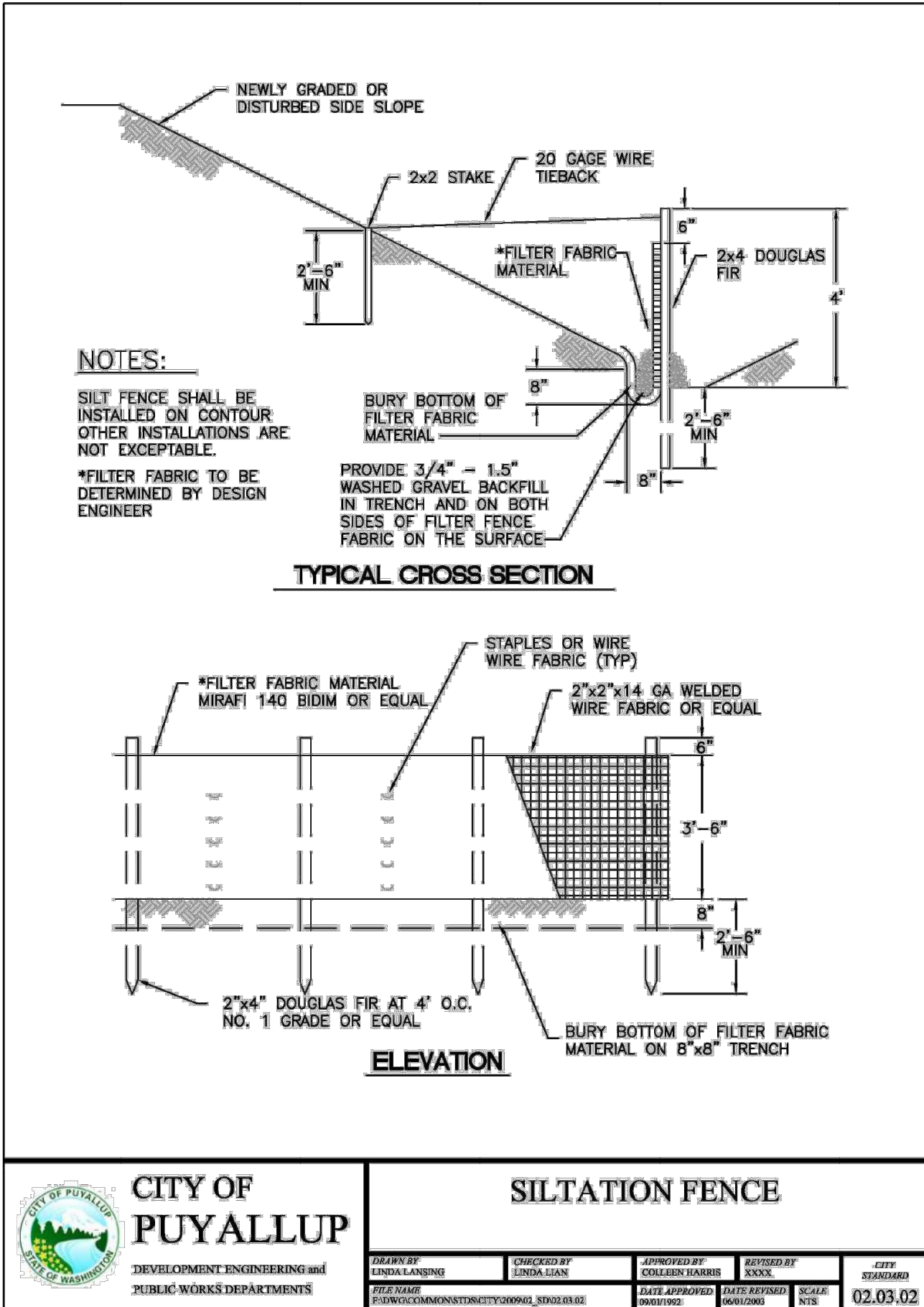
APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

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.

2401 INTER TESC NOTES AND DETAILS

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA



1 SILTATION FENCE SCALE:NTS

GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES	
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 PRIOR TO ANY CONSTRUCTION. 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 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 SILTATION 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 ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

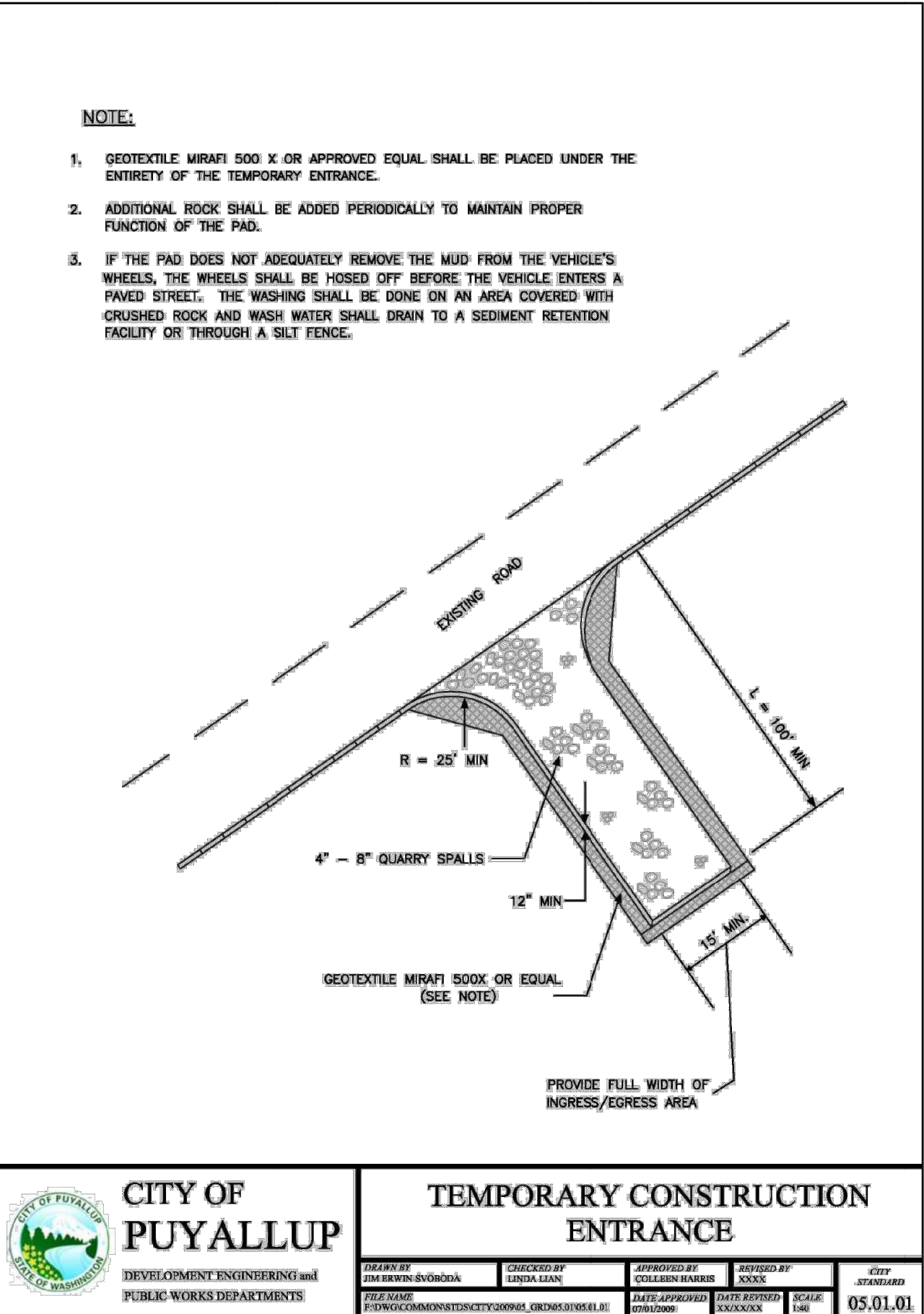
GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES	
1.	ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
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5.	ANY DISTURBED AREA WHICH HAS BEEN 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.
6.	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.
7.	NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

CITY OF PUYALLUP	GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS	DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS
APPROVED BY	DESIGNED BY
W. MCINNIS	J. MCINNIS
CHECKED BY	CHECKED BY
J. MCINNIS	J. MCINNIS
DATE	DATE
02.03.22	02.03.22
SCALE	SCALE
1" = 10'	1" = 10'

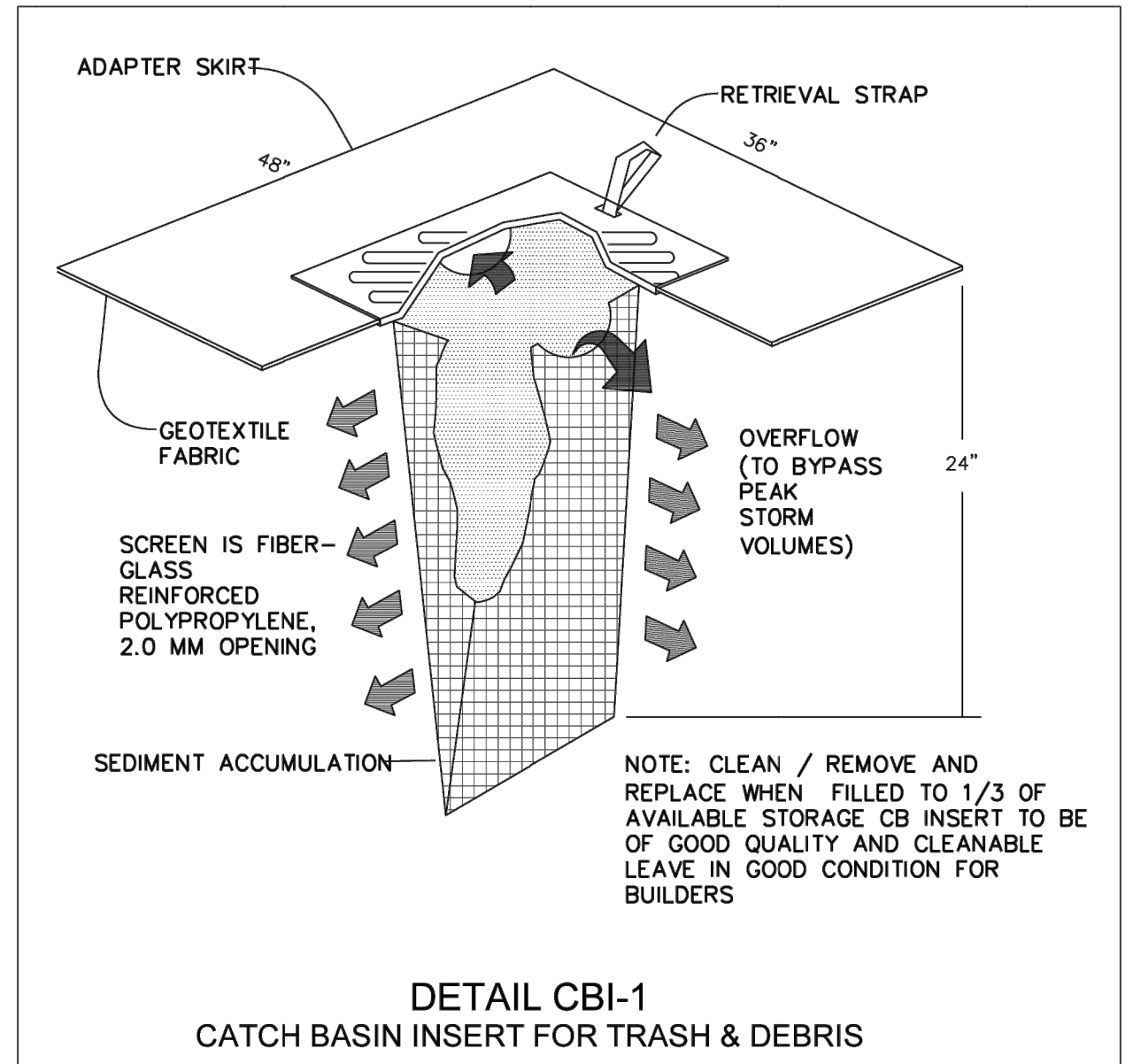
2 GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES SCALE:NTS

SEDIMENTATION NOTE	
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 THE OWNER SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE THE INSTALLATION OF A WHEEL WASH FACILITY ON-SITE.	
SEDIMENT LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE CONSTRUCTION LIMITS IN ACCORDANCE WITH CITY REGULATIONS.	

CONSTRUCTION SEQUENCE	
1.	HOLD A PRECONSTRUCTION MEETING WITH THE CITY AND OBTAIN REQUIRED PERMITS.
2.	ESTABLISH CLEARING AND GRADING LIMITS.
3.	CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE.
4.	CONSTRUCT PERIMETER DITCHES, SILT FENCES, AND OTHER EROSION CONTROL DEVICES AS SHOWN.
5.	CONSTRUCT PROTECTION DEVICES FOR CRITICAL AREAS AND SIGNIFICANT TREES PROPOSED FOR RETENTION.
6.	SCHEDULE AN EROSION INSPECTION WITH THE CITY.
7.	CONSTRUCT STORM DRAINAGE RETENTION/DETENTION (CONTROL AND STORAGE) FACILITIES, PROVIDE EMERGENCY OVERFLOW AS APPLICABLE.
8.	ALL DITCHES AND SWALES AS SHOWN SHALL BE PROVIDED TO DIRECT ALL SURFACE WATER TO THE RETENTION/DETENTION AND SEDIMENTATION POND AS CLEARING AND GRADING PROGRESSES. NO UNCONTROLLED SURFACE WATER SHALL BE ALLOWED TO LEAVE THE SITE OR BE DISCHARGED TO A CRITICAL AREA AT ANY TIME DURING THE GRADING OPERATIONS.
9.	CLEARLY STATE AT WHAT POINT GRADING ACTIVITIES CAN BEGIN, USUALLY ONLY AFTER ALL DRAINAGE AND EROSION CONTROL MEASURES ARE IN PLACE.
10.	IDENTIFY EROSION CONTROL MEASURES WHICH REQUIRE REGULAR MAINTENANCE.



3 TEMPORARY CONSTRUCTION ENTRANCE SCALE:NTS



4 CATCH BASIN INSERT SCALE:NTS

GENERAL NOTES	
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, REPRESENTATIVES OF INVOLVED UTILITIES AND THE CITY OF PUYALLUP. CONTACT THE ENGINEERING SERVICES TO SCHEDULE THE MEETING (253-841-5568). THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN 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 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 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 STANDARD DETAILS.
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, 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 AT (360)407-6300.
15.	ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY%1468 PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.
16.	NO SURVEY MONUMENT SHALL BE REMOVED OR DESTROYED (THE PHYSICAL DISTURBANCE OR COVERING OF A MONUMENT SUCH THAT THE SURVEY POINT IS NO LONGER VISIBLE OR READILY ACCESSIBLE) BEFORE A PERMIT IS OBTAINED FROM THE DEPARTMENT OF NATURAL RESOURCES (DNR). WAC 332-120-030(2) STATES "IT SHALL BE THE RESPONSIBILITY OF <THOSE> PERFORMING CONSTRUCTION WORK OR OTHER ACTIVITY (INCLUDING ROAD AND STREET RESURFACING PROJECTS TO ADEQUATELY SEARCH THE RECORDS AND THE PHYSICAL AREA OF THE PROPOSED CONSTRUCTION WORK OR OTHER ACTIVITY FOR THE PURPOSE OF LOCATING AND REFERENCING ANY KNOWN OR EXISTING SURVEY MONUMENTS" CONSTRUCTION SHALL NOT COMMENCE UNTIL WAC OUTLINED IN CHAPTER 332-120 IS COMPLIED WITH. SURVEY MONUMENTS SUBJECT TO WAC 332-120-030(2) INCLUDE LOCAL CONTROL POINTS AND LAND BOUNDARY SURVEY CORNERS.
17.	EXPOSED SOILS WITH AN AREA GREATER THAN 5,000 SQUARE FEET THAT ARE SCHEDULED TO REMAIN UNWORKED FOR MORE THAN 24 HOURS AND EXPOSED AREAS OF LESS THAN 5,000 SQUARE FEET THAT WILL REMAIN UNWORKED FOR MORE THAN SEVEN (7) DAYS SHALL BE STABILIZED IMMEDIATELY.

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.

mcinnisengineering.com
253.414.1992
202 East 34th Street
Tacoma, Washington 98404

McInnis
ENGINEERING

2401 INTER
TESC NOTES AND DETAILS

2401 INTER AVE SE
PUYALLUP, WA 98372

DESCRIPTION
INITIAL RELEASE

DATE	DATE	DATE	DATE	DATE
01/24/25				

NUM	DATE	DATE	DATE	DATE
V1	01/24/25			

DESIGNED	SCALE
W. MCINNIS	N.T.S.

DRAWN	CHECKED
W. MCINNIS	J. MCINNIS

DATE	APPROVED
01/24/25	J. MCINNIS

JOB NO.
24-166

SHEET
C4 OF C12

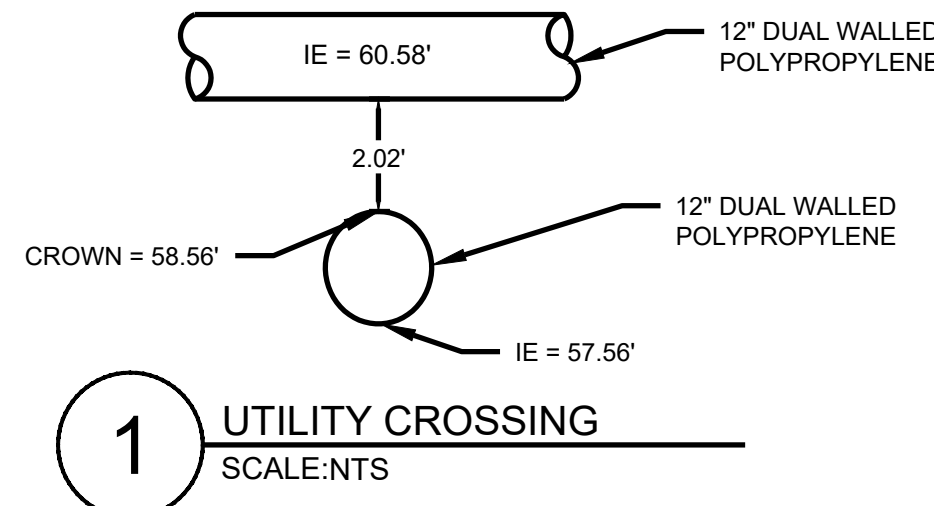
C4

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1-800-424-5555 OR 811

File: Z:\Shared\McInnis Engineering Files\2024 Proposals-Projects\24-166 - 2401 Inter - Redesign Project\Engineering\CAD\ME\24-166 - SDEV - 2401 INTER - REV(V1)\24-166 - SDEV - 2401 INTER - 104\2 TESC NOTES & DETAILS.dwg

2401 INTER GRADING, DRAINAGE, AND UTILITY PLAN

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA



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.

mcinnisengineering.com
253.414.1992
202 East 34th Street
Tacoma, Washington 98404

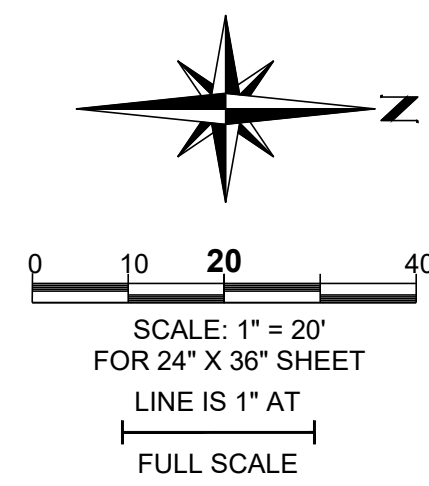
McInnis
ENGINEERING

**2401 INTER
GRADING, DRAINAGE, AND
UTILITY PLAN**

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION	INITIAL	RELEASE	DATE	NUM	SCALE
			01/24/25	V1	1"=20'
DESIGNED	W. MCINNIS				CHECKED
DRAWN	W. MCINNIS				J. MCINNIS
DATE	01/24/25				APPROVED
					J. MCINNIS
JOB NO.	24-166				
SHEET	C5	OF	C12		
					C5



CALL BEFORE YOU DIG
1-800-424-5555 OR 811

PROPOSED LEGEND	
	PROPERTY LINE
	SETBACK
	PROPOSED CONCRETE
	PROPOSED ASPHALT
	PROPOSED INFILTRATION TRENCH
	PROPOSED INFILTRATION TRENCH
	PROPOSED INFILTRATION TRENCH
	STORM DRAIN
	PROPOSED FENCE
	CATCH BASIN
	PROPOSED CONTOUR LINES

- KEYNOTES**
- PROPOSED ASPHALT PAVEMENT (8 C8)
 - PROPOSED CONCRETE PAVEMENT PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6
 - PROPOSED MINOR DRIVEWAY APPROACH (5 C8)
 - PROPOSED EXTRUDED CURB (8 C10)
 - PROPOSED CURB AND GUTTER PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6
 - PROPOSED SAW CUT AND ASPHALT RESTORATION PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6
 - PROPOSED STORM TECH SYSTEM (1-4 C11, 1-2 C12)
 - PROPOSED LANDSCAPE (3 C12)
 - PROPOSED STREET LIGHTING PER STREET LIGHTING PLAN SEE SHEET C7
 - PROPOSED TYPE 1 CATCH BASIN PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6

STORM STRUCTURE DETAILS:			
#	DESCRIPTION	LENGTH	DIAMETER
1	EACH STORM STRUCTURE IS NUMBERED IN A TRIANGLE BUBBLE AND THE ASSOCIATED INVERTS AND RIM ELEVATIONS ARE PROVIDED BELOW		
1	TYPE 1 CATCH BASIN RIM = 62.11 IE 12" E = 60.62	2 C9	2 C9
2	TYPE 1 CATCH BASIN RIM = 62.28 IE 12" NE = 60.08	2 C9	2 C9
3	CONTECH WATER QUALITY SYSTEM RIM = 62.51 IE 12" NE = 60.02 IE 12" NS = 57.72	4 C12	3 C9
4	MANHOLE RIM = 62.77 IE 12" NE = 57.66	3 C9	3 C9
5	FLOW CONTROL MANHOLE RIM = 62.96 IE 12" NE = 57.66	4 C9	3 C9

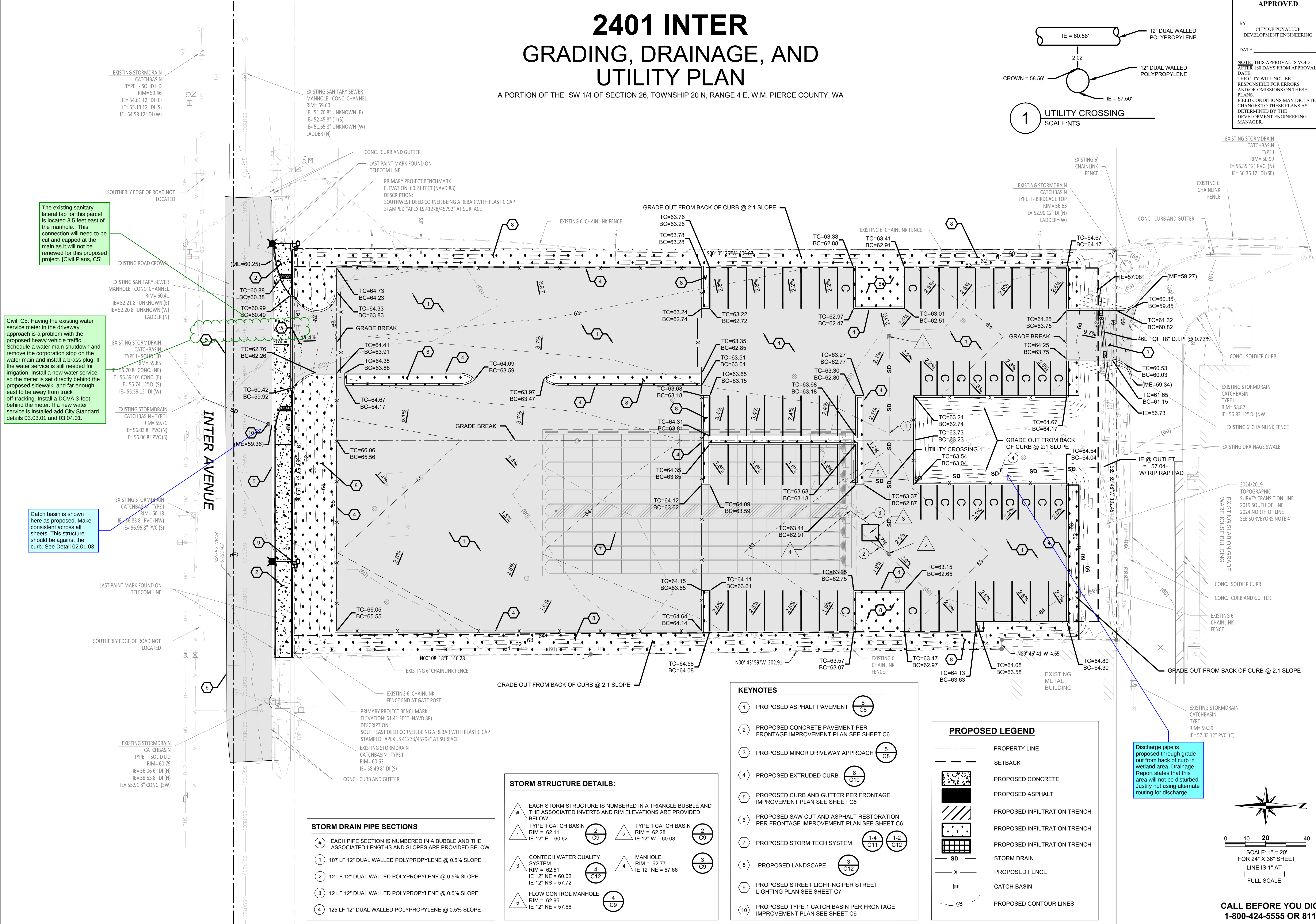
STORM DRAIN PIPE SECTIONS	
#	DESCRIPTION
1	EACH PIPE SECTION IS NUMBERED IN A BUBBLE AND THE ASSOCIATED LENGTHS AND SLOPES ARE PROVIDED BELOW
1	107 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE
2	12 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE
3	12 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE
4	125 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE

The existing sanitary lateral tap for this parcel is located 3.5 feet east of the manhole. This connection will need to be cut and capped at the main as it will not be renewed for this proposed project. [Civil Plans, CS]

Civil, C5: Having the existing water service meter in the driveway approach is a problem with the proposed heavy vehicle traffic. Schedule a water main shutdown and remove the corporation stop on the water main and install a brass plug. If the water service is still needed for irrigation, install a new water service so the meter is set directly behind the proposed sidewalk, and far enough east to be away from truck off-tracking. Install a DCVA 3-foot behind the meter. If a new water service is installed add City Standard details 03.03.01 and 03.04.01.

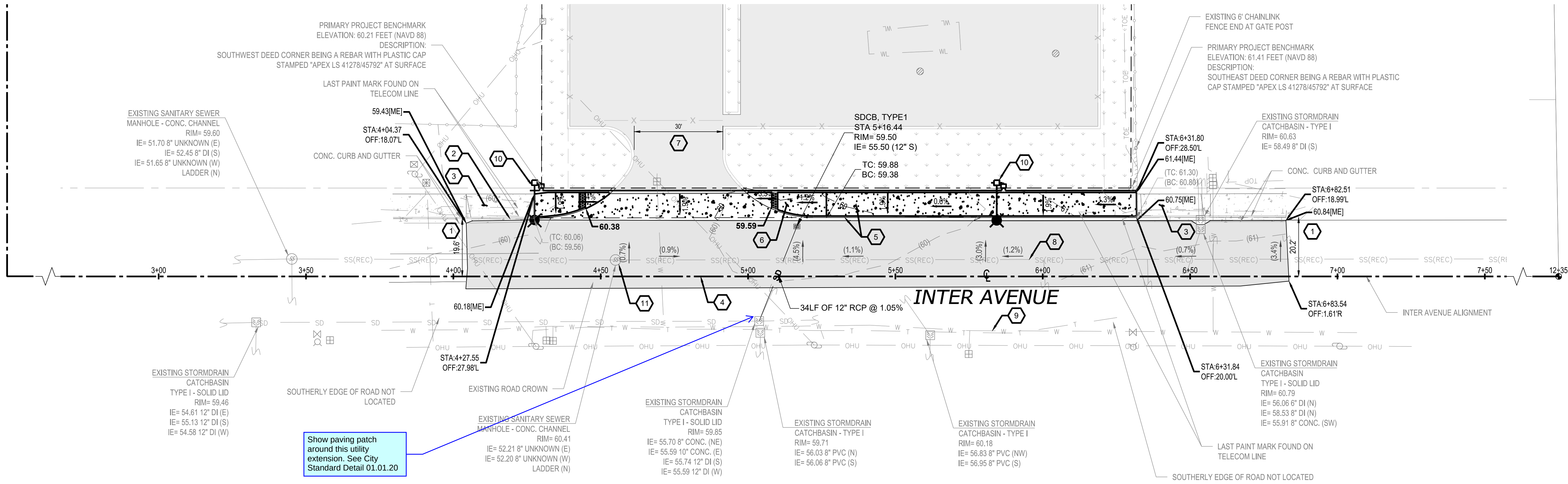
Catch basin is shown here as proposed. Make consistent across all sheets. This structure should be against the curb. See Detail 02.01.03.

Discharge pipe is proposed through grade out from back of curb in wetland area. Drainage Report states that this area will not be disturbed. Justify not using alternate routing for discharge.



2401 INTER
FRONTAGE IMPROVEMENT PLAN

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA



KEYNOTES

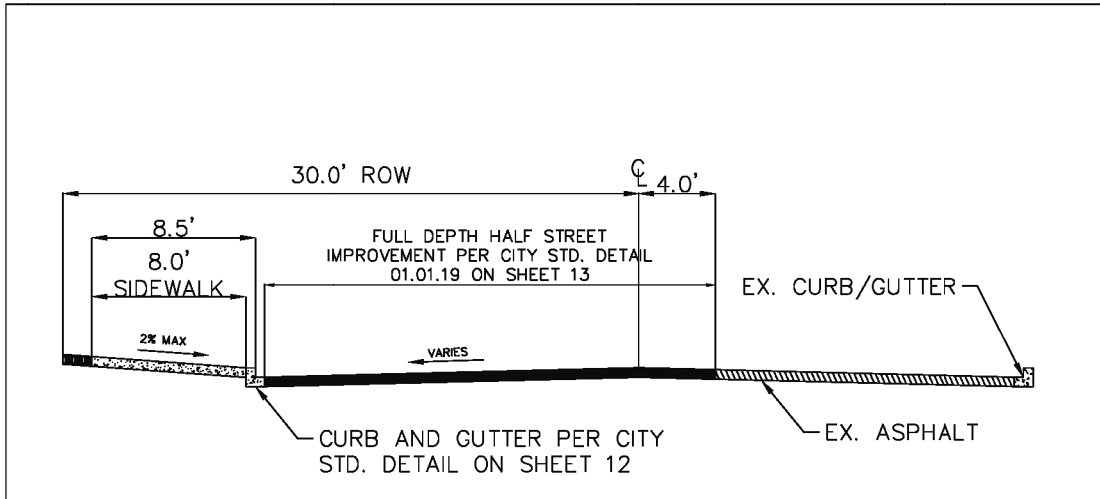
- 1 EXISTING FACE OF CURB TO R.O.W. CENTERLINE
- 2 EXISTING CURB CUT
- 3 EXISTING SIDEWALK
- 4 HALF-STREET PAVEMENT REPLACEMENT SEE DETAIL 1 C9
- 5 CURB, GUTTER AND 8' SIDEWALK SEE DETAIL 4 C8, 6 C8
- 6 SIDEWALK RAMP SEE DETAIL 6 C8
- 7 30 FOOT WIDE COMMERCIAL APPROACH SEE DETAIL 5 C8
- 8 EXISTING 8-INCH SANITARY SEWER
- 9 EXISTING 12-INCH WATER MAIN
- 10 SEE SHEET 6 FOR STREET LIGHTING PLAN
- 11 EXISTING SEWER MANHOLE FRAME AND COVER TO BE REPLACED SEE DETAIL

PROPOSED LEGEND

- PROPERTY LINE
- SETBACK
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED INFILTRATION TRENCH
- SD STORM DRAIN
- PROPOSED FENCE
- CATCH BASIN
- PROPOSED CONTOUR LINES

GENERAL NOTES

- STORMWATER PIPE:
 - A. PVC PIPE SHALL BE PER ASTM D3034, SDR 35.
 - B. DUCTILE IRON PIPE SHALL BE CLASS 50, CONFORMING TO AWWA C151.
- WATER MAINS:
 - A. PIPE FOR WATER MAINS SHALL BE DUCTILE IRON CONFORMING TO SECTION 7-09 OF THE STANDARD SPECIFICATIONS AND SHALL BE THICKNESS SPECIAL CLASS 52 OR GREATER
- SEWER PIPE
 - A. PVC PIPE SHALL BE PER ASTM D3034, SDR 35.
- STREET PLANTER
 - A. TREES TO BE INSTALLED 3' BEHIND SIDEWALK. SEE LANDSCAPE PLAN.



SECTION A-A
HALF STREET IMPROVEMENTS
N.T.S.

CALL BEFORE YOU DIG
1-800-424-5555 OR 811

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.

mcinnisengineering.com
253.414.1992

202 East 34th Street
Tacoma, Washington 98404

McInnis
ENGINEERING

2401 INTER
FRONTAGE IMPROVEMENT
PLAN

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION	DATE	NUM	SCALE
INITIAL RELEASE	01/24/25	V1	1"=20'
DESIGNED W. MCINNIS			CHECKED J. MCINNIS
DRAWN W. MCINNIS			APPROVED J. MCINNIS
DATE 01/24/25			
JOB NO. 24-166			
SHEET C6 OF C12			
			C6

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

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MANAGER.



CALL BEFORE YOU DIG
1-800-424-5555 OR 811

2401 INTER
STREET LIGHTING PROJECT
2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION	DATE	INITIAL RELEASE							
NUM	V1	01/24/25							
DESIGNED	MCINNIS								
DRAWN	MCINNIS								
CHECKED	J. MCINNIS								
DATE	1/24/25								
APPROVED	J. MCINNIS								
SCALE		1"=10'							
JOB NO. 24-166									
SHEET C7 OF C12									
C7									

2401 INTER NOTES AND DETAILS

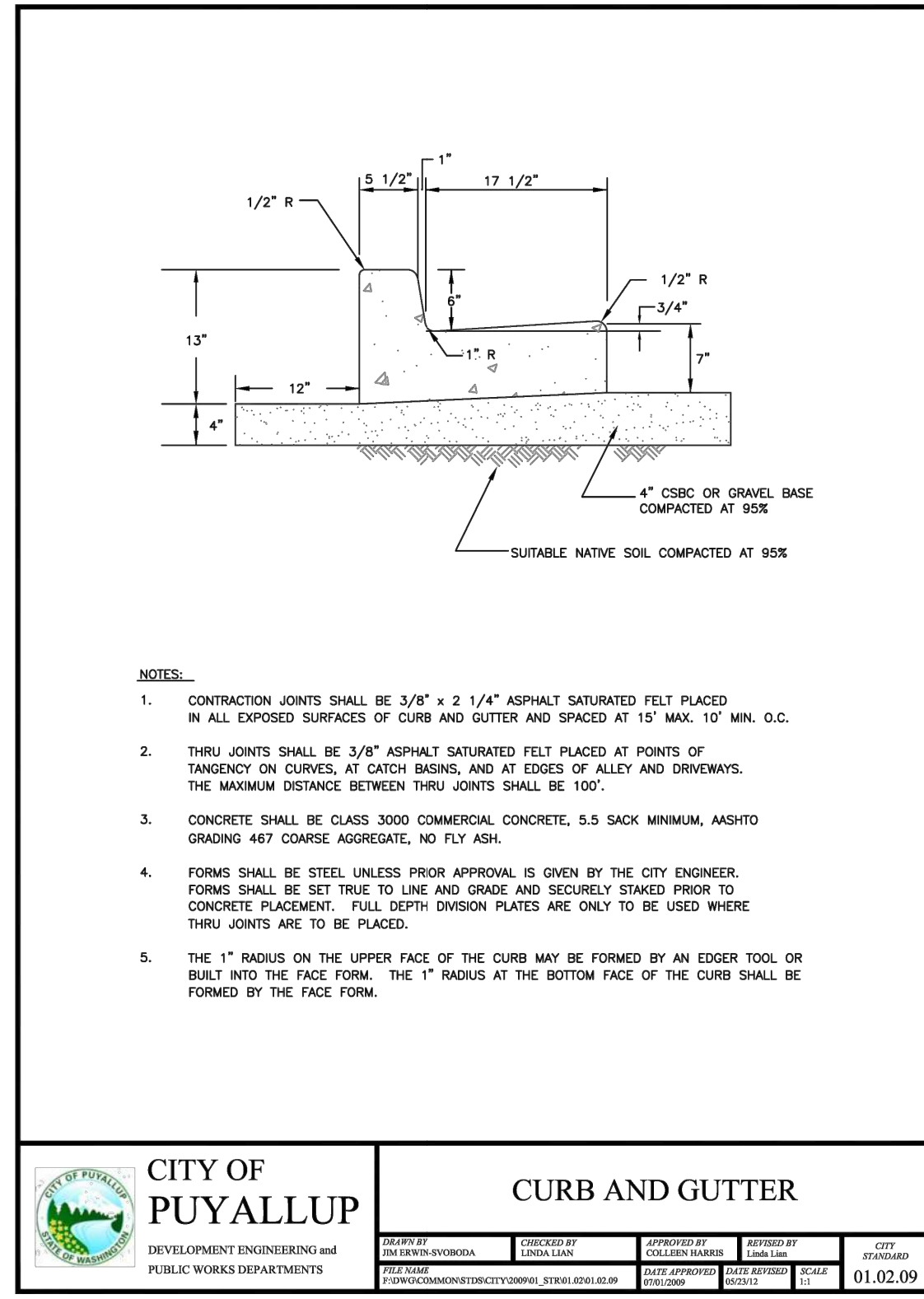
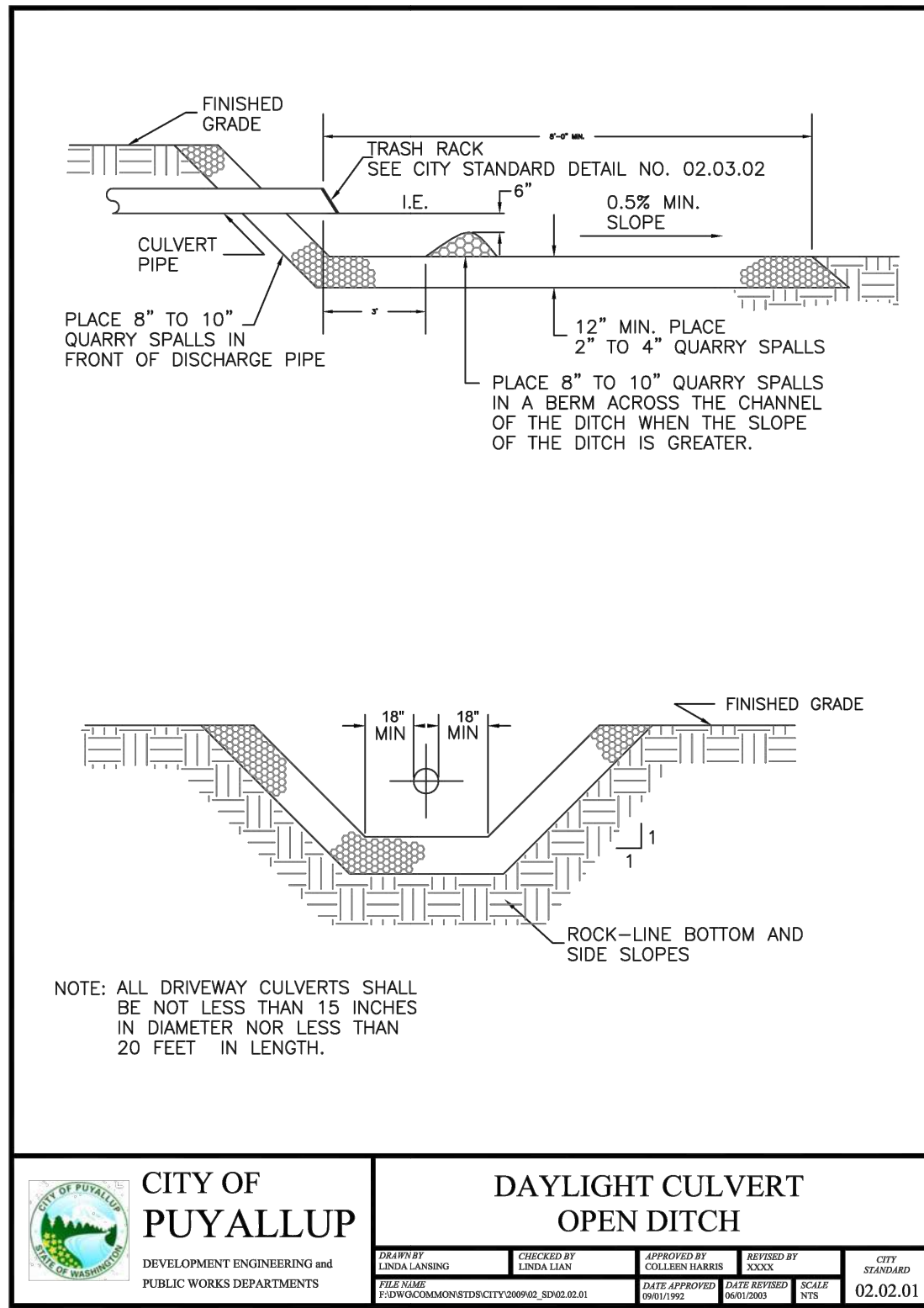
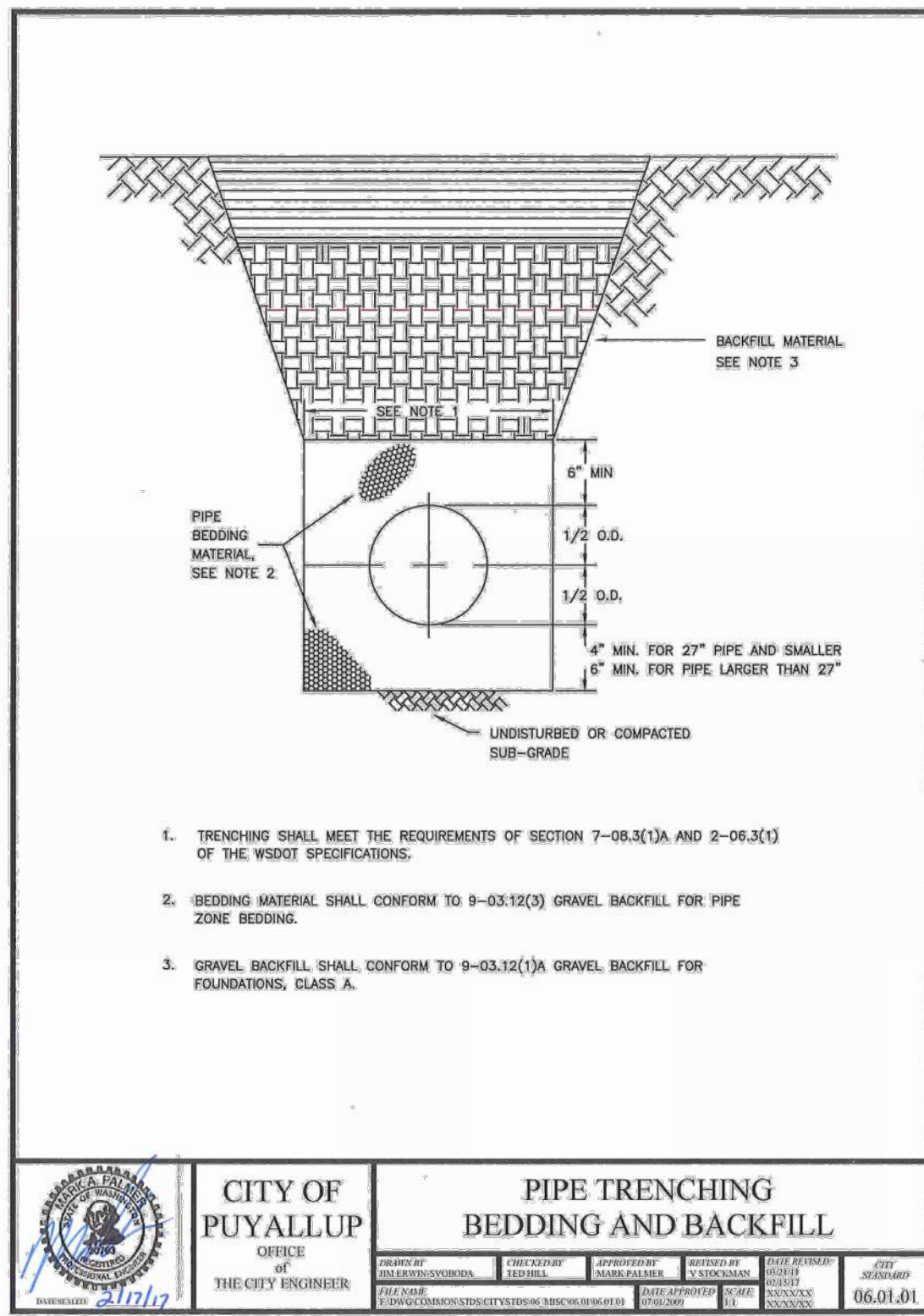
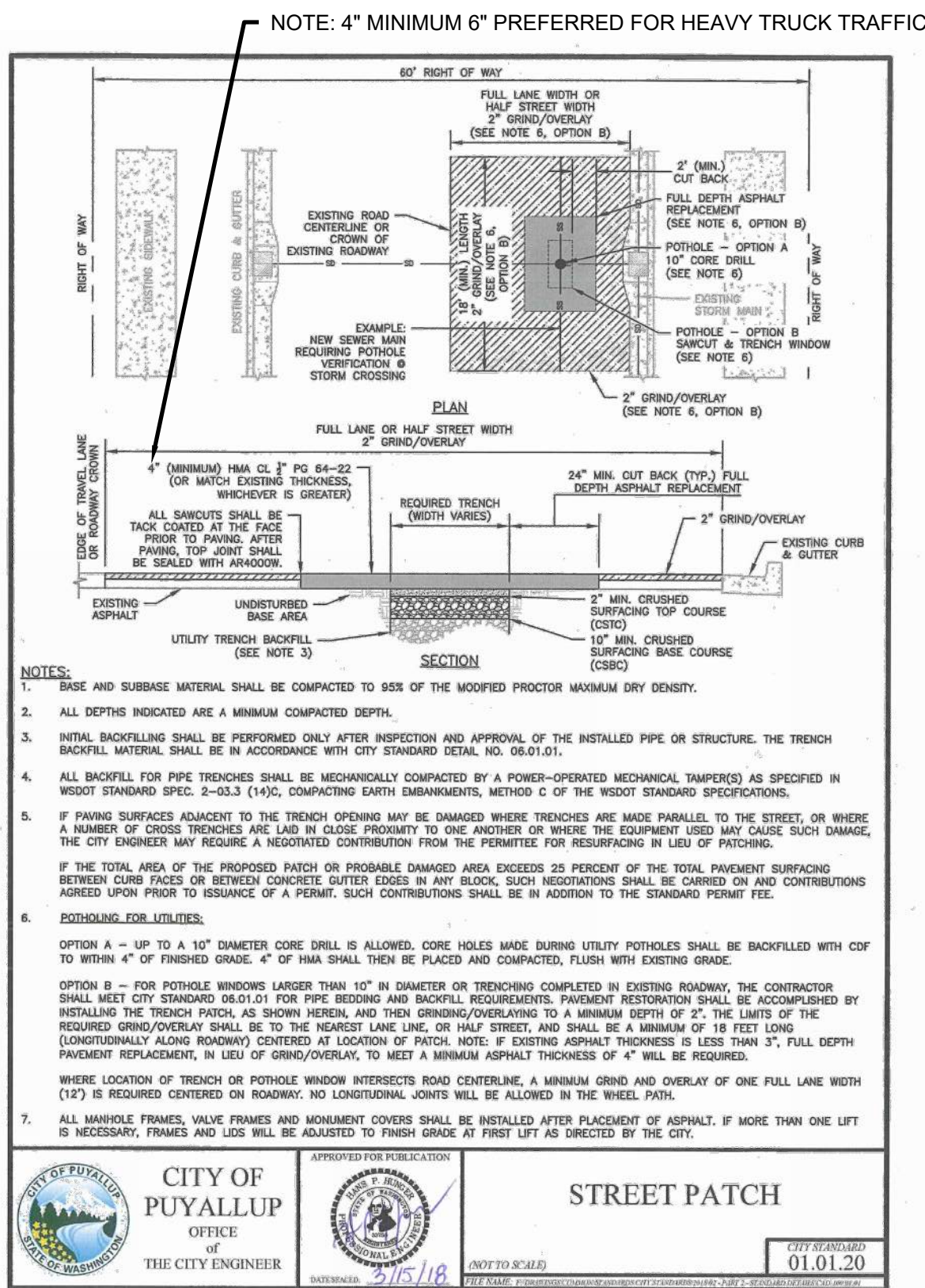
A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

APPROVED

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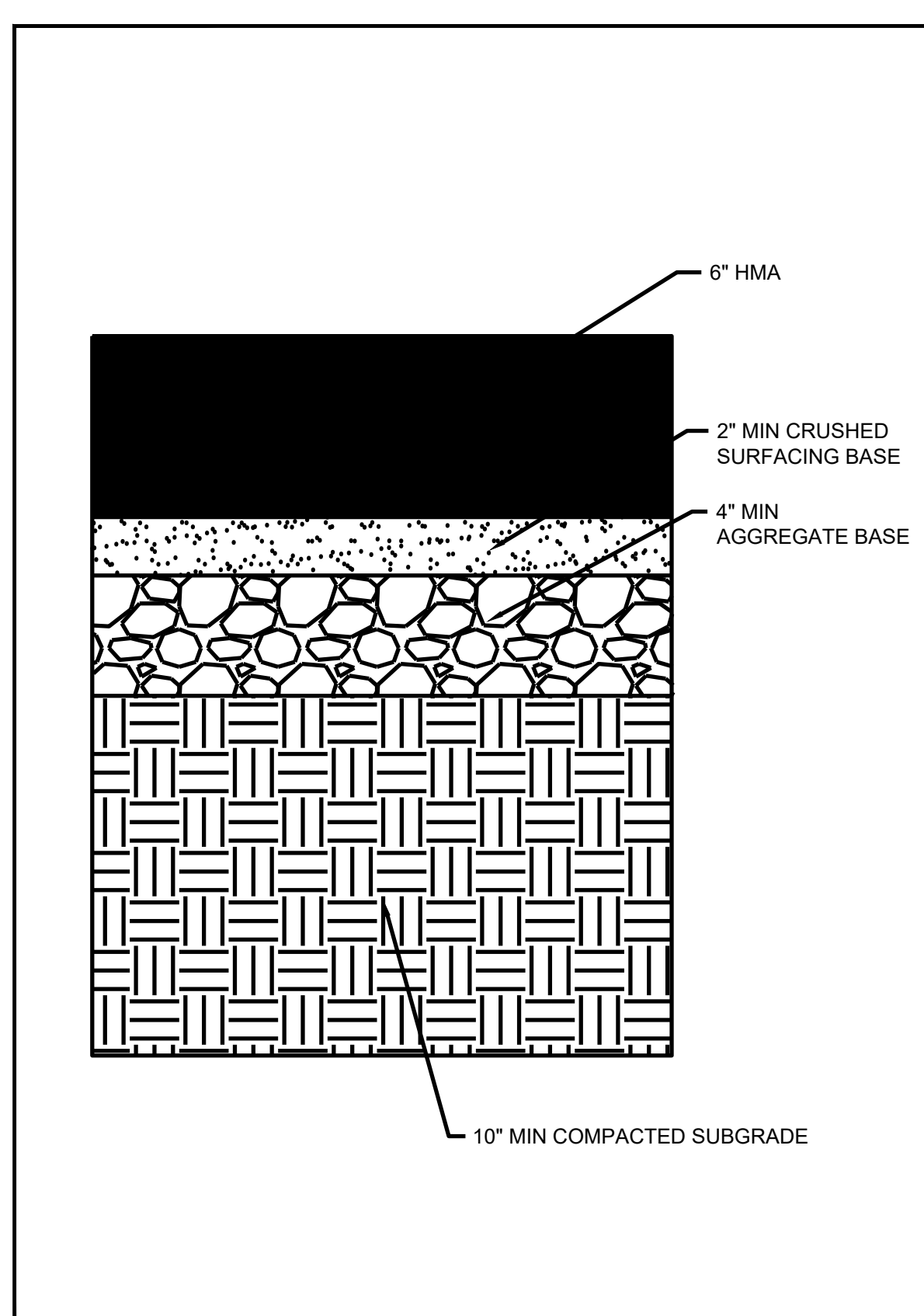
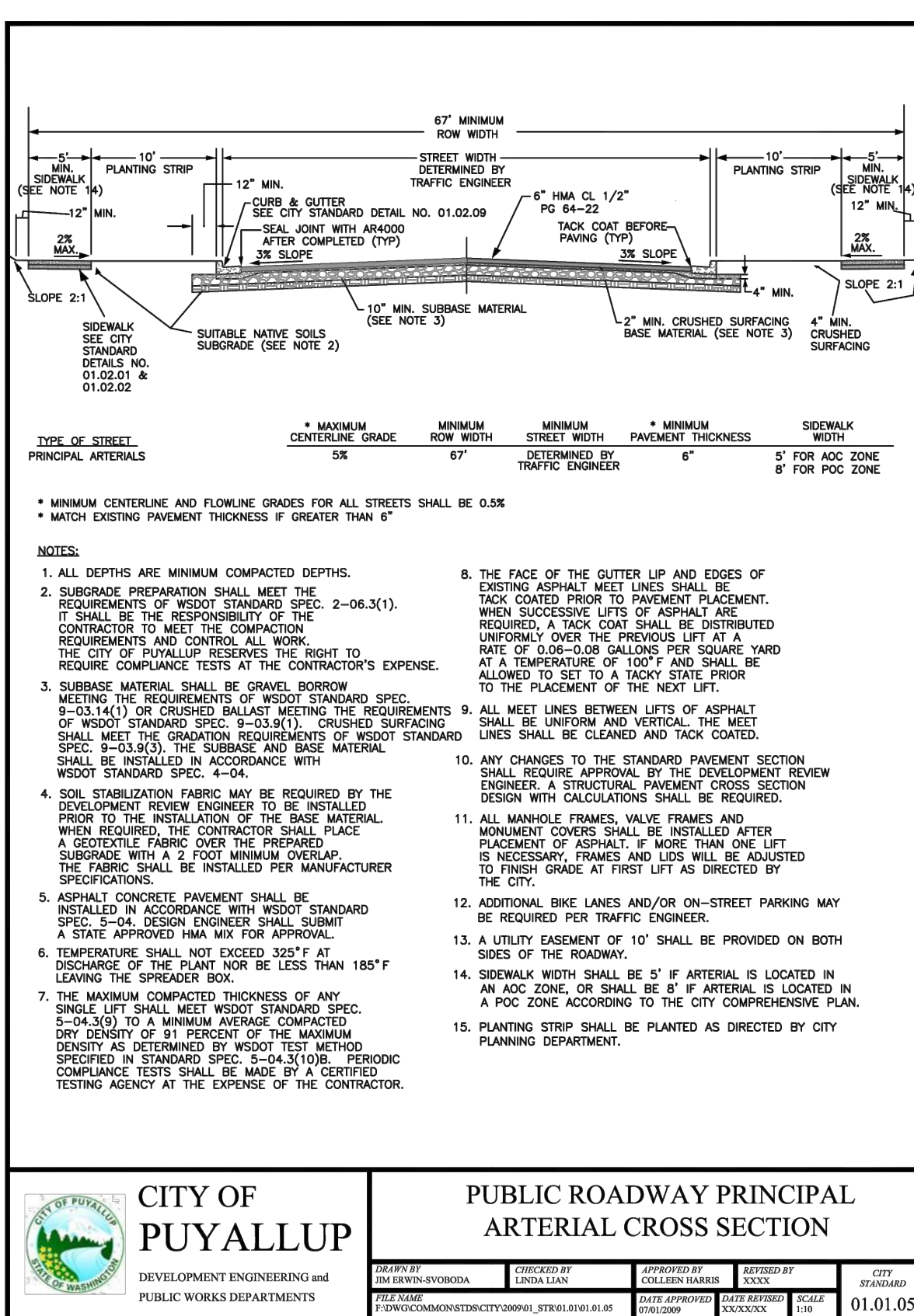
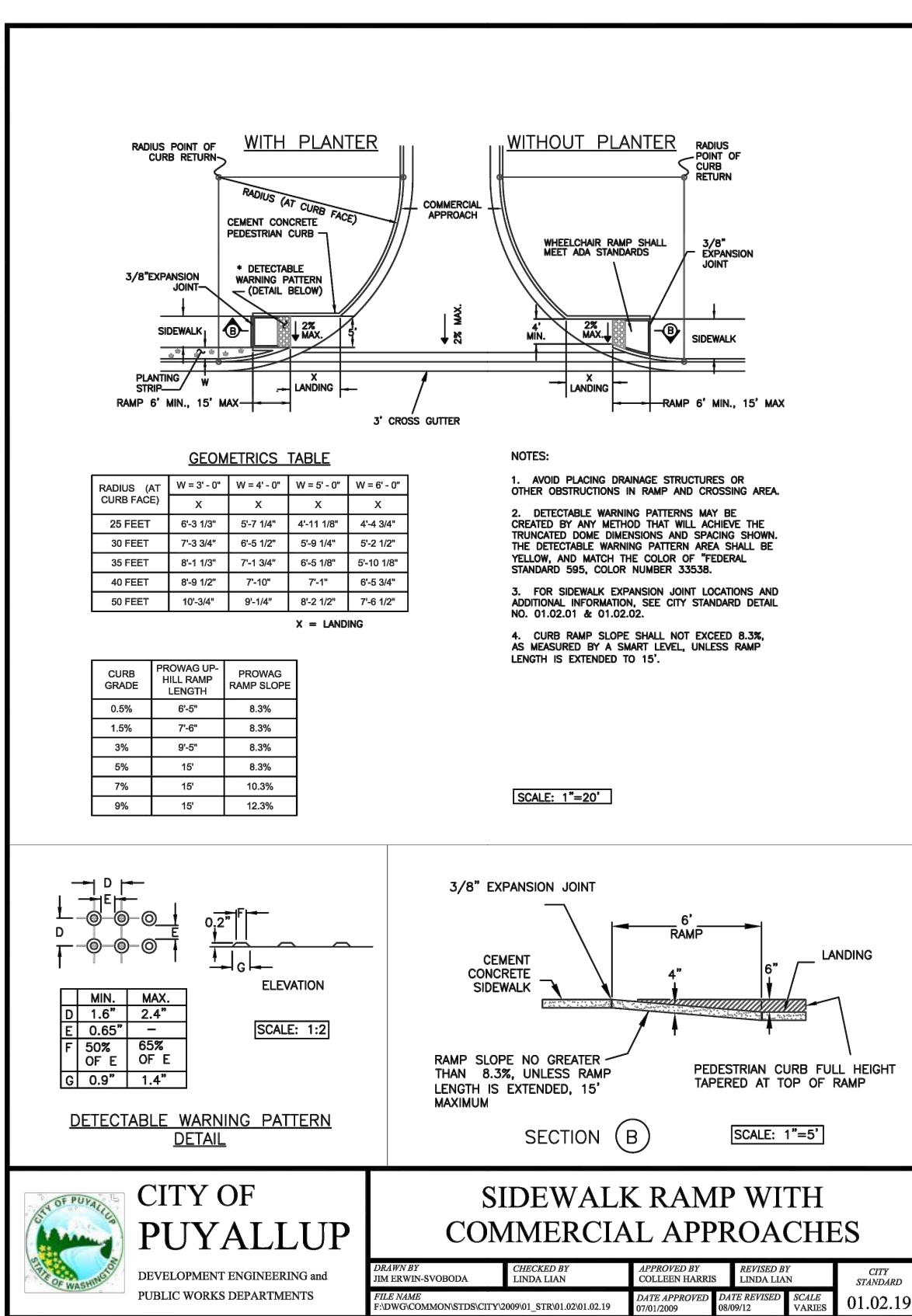
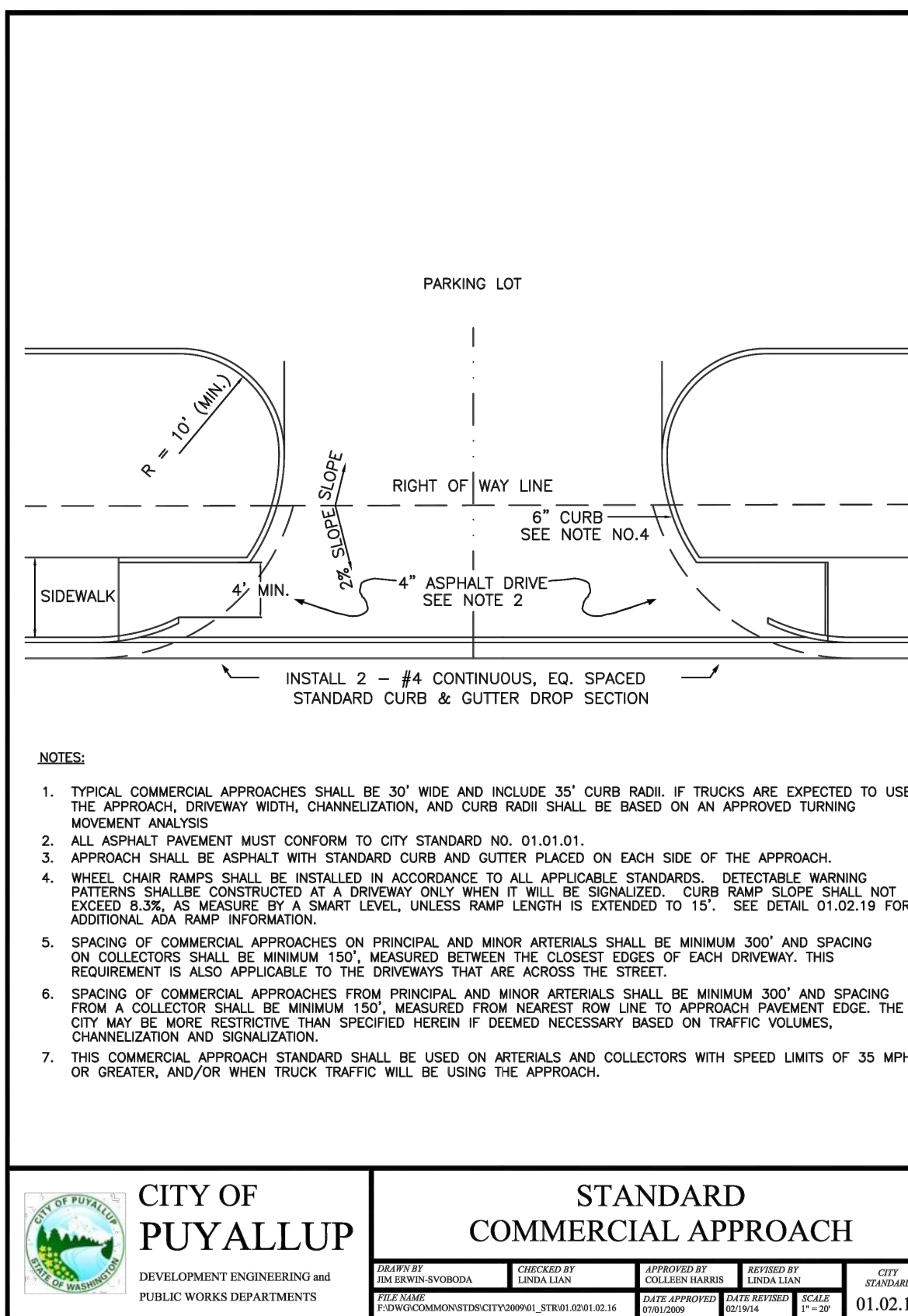


1 STREET PATCH
SCALE:NTS

2 PIPE TRENCHING BEDDING AND BACKFILL
SCALE:NTS

3 DAYLIGHT CULVERT OPEN DITCH
SCALE:NTS

4 CURB AND GUTTER
SCALE:NTS



5 STANDARD COMMERCIAL APPROACH
SCALE:NTS

6 SIDEWALK RAMP WITH COMMERCIAL APPROACHES
SCALE:NTS

7 PUBLIC ROADWAY PRINCIPAL ARTERIAL CROSS SECTION
SCALE:NTS

8 ASPHALT CROSS SECTION
SCALE:NTS

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253.414.1992

202 East 34th Street
Tacoma, Washington 98404

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ENGINEERING

2401 INTER
NOTES AND DETAILS

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION		DATE		SCALE	
INITIAL RELEASE		V1	01/24/25	N.T.S.	
DESIGNED	W. MCINNIS	DRAWN	J. MCINNIS	CHECKED	J. MCINNIS
DATE	01/24/25	APPROVED	J. MCINNIS		
JOB NO.	24-166				
SHEET	C8	OF	C12		
	C8				

CALL BEFORE YOU DIG
1-800-424-5555 OR 811

2401 INTER NOTES AND DETAILS

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

APPROVED

BY _____
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DEVELOPMENT ENGINEERING

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ENGINEERING

2401 INTER
NOTES AND DETAILS

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION
INITIAL RELEASE

DATE
01/24/25

NUM
V1

DESIGNED
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J. MCINNIS

DATE
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CHECKED
J. MCINNIS

APPROVED
J. MCINNIS

JOB NO.

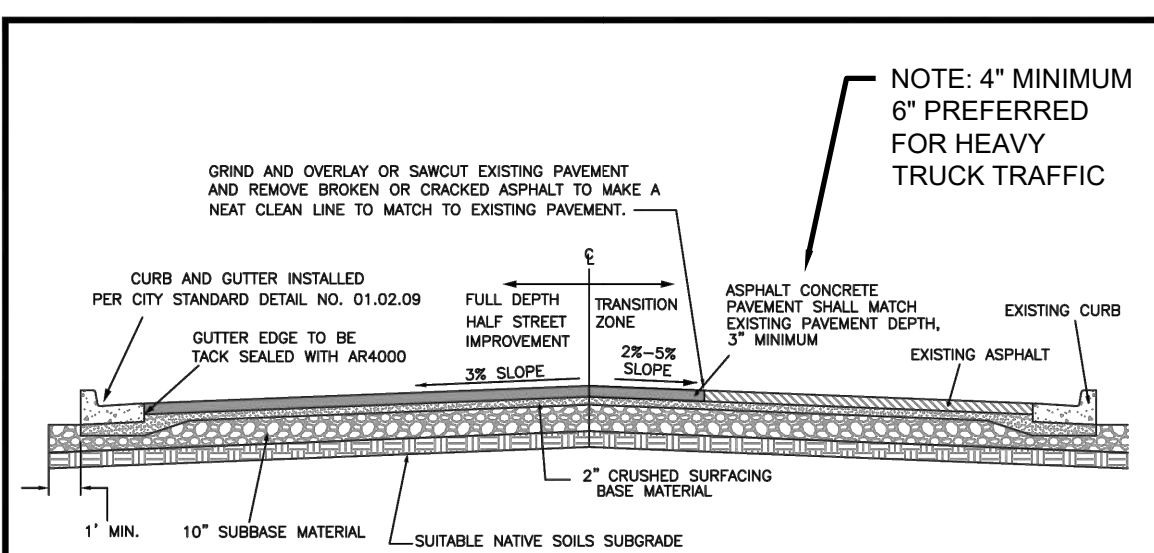
24-166

SHEET
C9 OF C12

C9

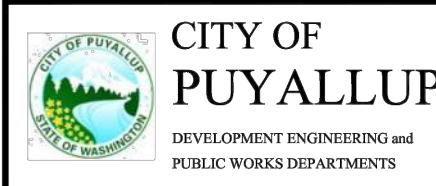
CITY OF PUYALLUP ROADWAY PLAN NOTES

- 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.
- 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.
- 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").
- A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 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.
- 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.
- ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- 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.
- CURB AND GUTTER INSTALLATION SHALL CONFORM TO CITY STANDARD DETAIL 01.02.09.
- 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 01.02.12. IF ASPHALT IS DAMAGED DURING REPLACEMENT OF CURB AND GUTTER, THE REPAIR SHALL CONFORM TO CITY STANDARD DETAIL 01.02.10.
- 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.
- 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 TO BE DETERMINED AFTER FULL BUILDOUT WHEN TRAFFIC PATTERNS HAVE BEEN ESTABLISHED. IN THIS CASE, CONTRACTOR SHALL PROVIDE INDICATED "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).
- 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.
- NEW OR REVISED STOP SIGNS OR YIELD SIGNS SHALL BE ADVANCE WARNED USING THE PROCEDURES OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.



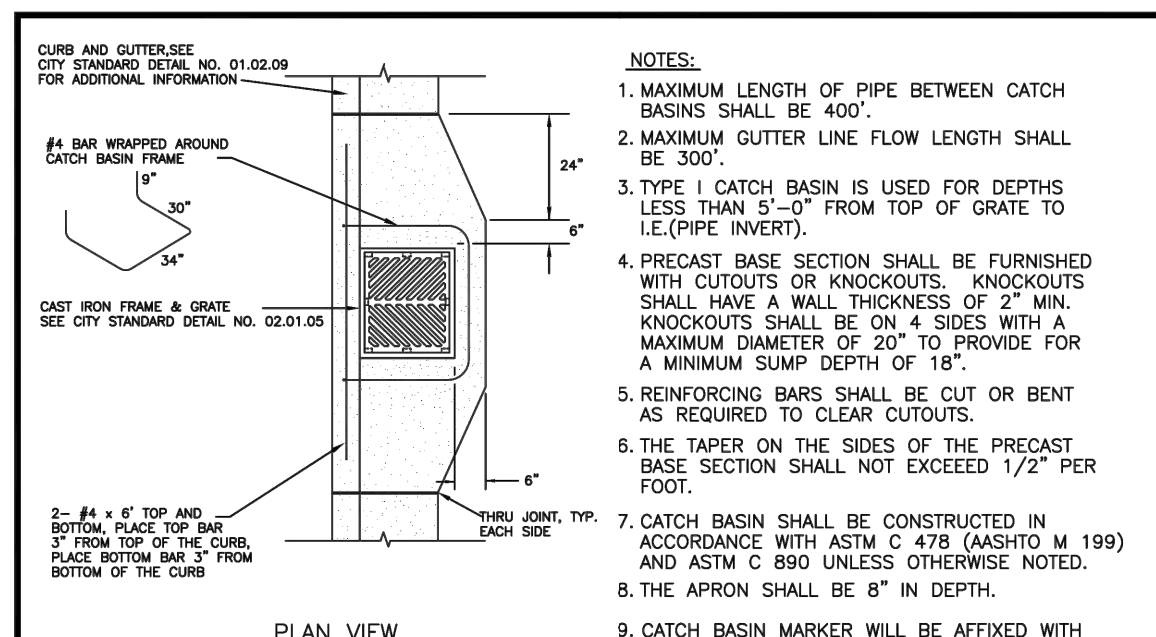
NOTES:

- ALL DEPTHS ARE MINIMUM COMPACTED DEPTHS.
- SUBGRADE PREPARATION SHALL MEET THE REQUIREMENTS OF WSDOT STANDARD SPEC. 2-08.3(1). IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MEET THE COMPACTION REQUIREMENTS AND CONTROL ALL WORK. THE CITY OF PUYALLUP RESERVES THE RIGHT TO REQUIRE TESTS AT THE CONTRACTOR'S EXPENSE.
- SUBGRADE MATERIAL SHALL BE GRAVEL BORROW MEETING THE REQUIREMENTS OF WSDOT STANDARD SPEC. 8-03.4(1) OR CRUSHED BALLAST MEETING THE REQUIREMENTS OF WSDOT STANDARD SPEC. 8-03.9(1). CRUSHED SURFACE SHALL MEET THE GRADATION REQUIREMENTS OF WSDOT STANDARD SPEC. 8-03.9(3). THE SUBGRADE AND BASE MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH WSDOT STANDARD SPEC. 4-04.
- SOIL STABILIZATION FABRIC MAY BE REQUIRED BY THE DEVELOPMENT REVIEW ENGINEER TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE BASE MATERIAL. WHEN REQUIRED, THE CONTRACTOR SHALL PLACE A GEOTEXTILE FABRIC OVER THE PREPARED SUBGRADE WITH A TWO FOOT MINIMUM OVERLAP. THE FABRIC SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS.
- ASPHALT CONCRETE PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH WSDOT STANDARD SPEC. 5-04. DESIGN ENGINEER SHALL SUBMIT A STATE APPROVED HMA MIX FOR APPROVAL.
- TEMPERATURE SHALL NOT EXCEED 325°F AT DEPTH OF THE PLANT NOR BE LESS THAN 185°F LEAVING THE SPREADER BOX.
- THE MAXIMUM COMPACTED THICKNESS OF ANY SINGLE LIFT SHALL MEET WSDOT STANDARD SPEC. 5-04.3(9) TO A MINIMUM AVERAGE COMPACTED DRY DENSITY OF 91 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY WSDOT TEST METHOD SPECIFIED IN STANDARD SPEC. 5-04.3(10)(B). PERIODIC COMPLIANCE TESTS SHALL BE MADE BY A CERTIFIED TESTING AGENCY AT THE EXPENSE OF THE CONTRACTOR.
- THE FACE OF THE GUTTER LIFT AND EDGES OF EXISTING ASPHALT MEET LINES SHALL BE TACK COATED PRIOR TO PAVEMENT PLACEMENT. WHEN SUCCESSIVE LIFTS OF ASPHALT ARE REQUIRED, A TACK COAT SHALL BE DISTRIBUTED UNIFORMLY OVER THE PREVIOUS LIFT AT A RATE OF 0.08-0.08 GALLONS PER SQUARE YARD AT A TEMPERATURE OF 100°F AND SHALL BE ALLOWED TO SET TO A TACKY STATE PRIOR TO THE PLACEMENT OF THE NEXT LIFT.
- ALL MEET LINES BETWEEN LIFTS OF ASPHALT SHALL BE UNIFORM AND VERTICAL. THE MEET LINES SHALL BE CLEANED AND TACK COATED.
- ANY CHANGES TO THE STANDARD PAVEMENT SECTION SHALL REQUIRE APPROVAL BY THE DEVELOPMENT REVIEW ENGINEER. A STRUCTURAL PAVEMENT CROSS SECTION DESIGN WITH CALCULATIONS SHALL BE REQUIRED.
- ALL MANHOLE FRAMES, VALVE FRAMES AND MONUMENT COVERS SHALL BE INSTALLED AFTER PLACEMENT OF ASPHALT. IF MORE THAN ONE LIFT IS NECESSARY, FRAMES AND LIDS WILL BE ADJUSTED TO FINISH GRADE AT FIRST LIFT AS DIRECTED BY THE CITY.
- ASPHALT SHALL BE HMA CL 1/2" PG 64-22



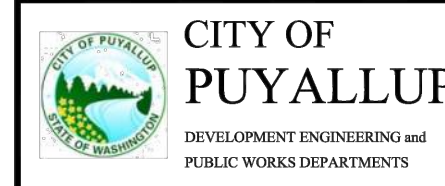
HALF STREET IMPROVEMENT

1 HALF STREET IMPROVEMENT
SCALE: NTS



PLAN VIEW

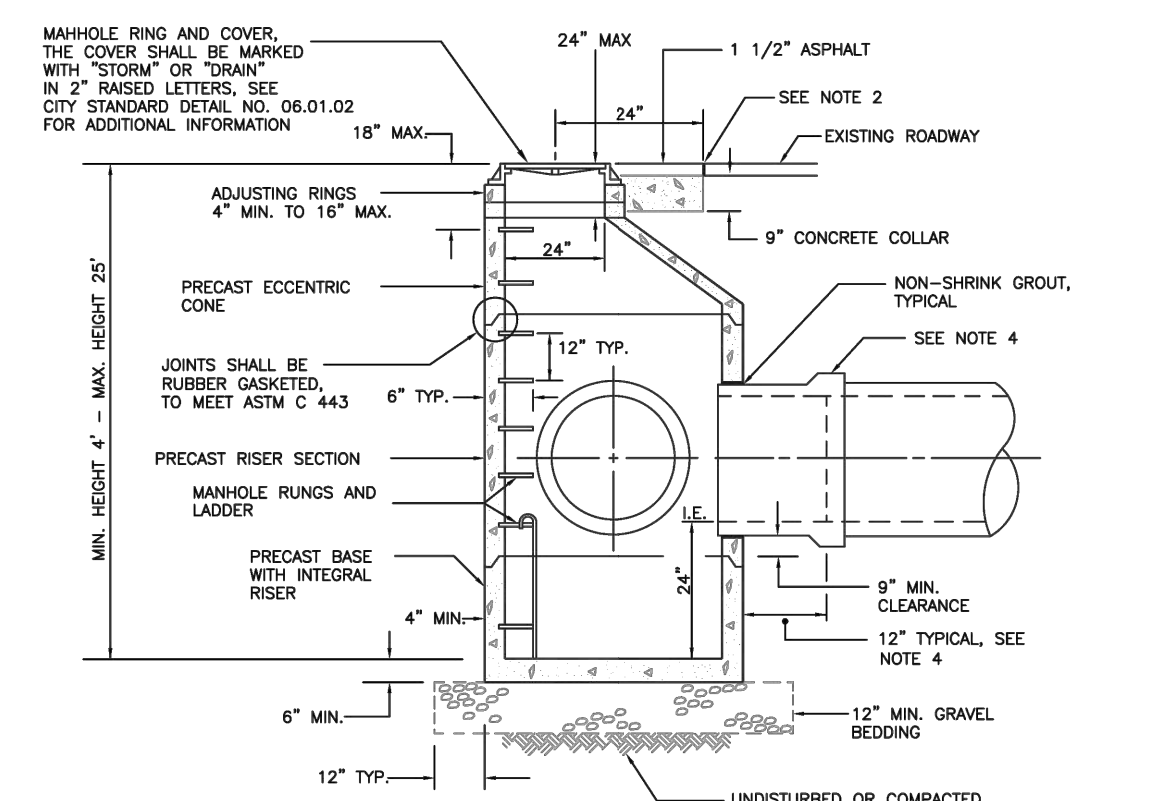
SECTION VIEW



CATCH BASIN TYPE 1 (GUTTER DRAIN)

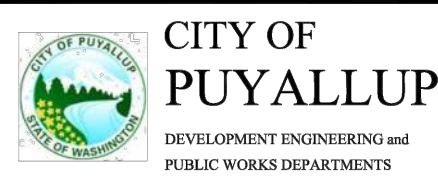
2 CATCH BASIN TYPE 1 (GUTTER DRAIN)
SCALE: NTS

Remove this detail. It
provides no direction for
installing trees in a
planter behind the walk.



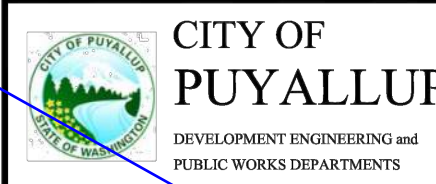
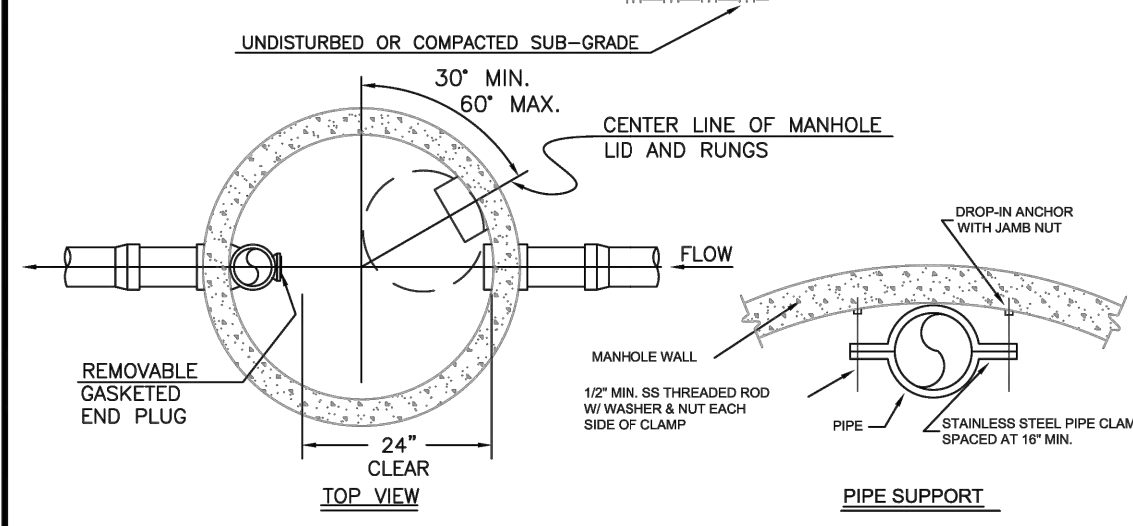
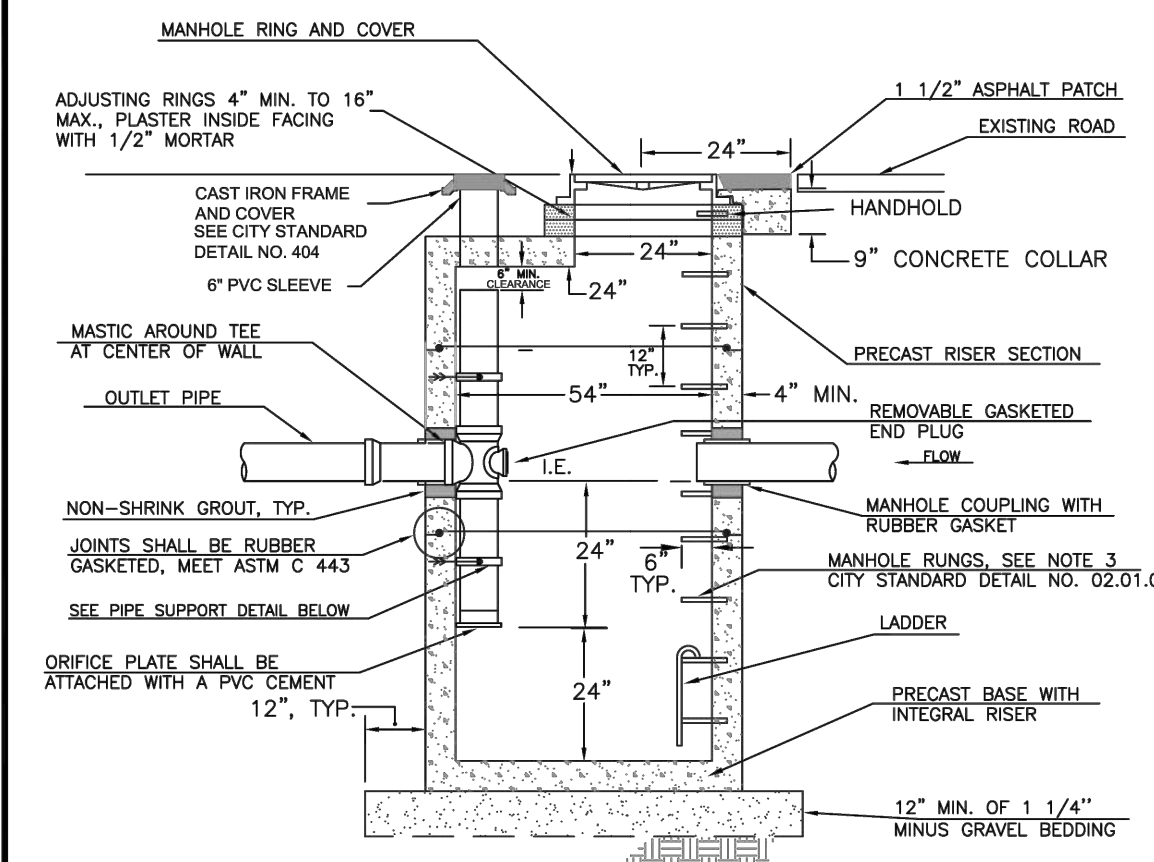
NOTES:

- THE CONSTRUCTION AND INSTALLATION OF STORM SEWER MANHOLES SHALL CONFORM TO THE REQUIREMENTS OF WSDOT SPEC. SECTION 7-05 AND ASTM C 478.
- THE FACE OF HEAT LINE CUTS IN EXISTING ASPHALT PAVEMENT SHALL BE TACK COATED AND THE TOP OF THE JOINT SHALL BE SEALED WITH A HOT PAVING GRADE ASPHALT.
- PRECAST RISER SECTION OR PRECAST BASE WITH INTEGRAL RISER SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS WITH A MINIMUM WALL THICKNESS OF 2". THE SIZE OF THE KNOCKOUT SHALL BE EQUAL TO THE PIPE OUTER DIAMETER PLUS THE MANHOLE WALL THICKNESS. THE MAXIMUM HOLE SIZE IS 36" FOR A 48" MANHOLE, 42" FOR A 54" MANHOLE, 60" FOR A 72" MANHOLE, AND 84" FOR A 96" MANHOLE.
- A FLEXIBLE GASKETED JOINT SHALL BE INSTALLED WITHIN 12" OF EACH CONNECTION TO A MANHOLE. THE CONNECTION OF CONCRETE OR DUCTILE IRON PIPE TO A MANHOLE SHALL BE CEMENT MORTARED. DUCTILE IRON PIPE SHALL BE SEALED WITH MASTIC AT THE CONNECTION POINT PRIOR TO BEING MORTARED. THE CONNECTION OF PVC PIPE TO A MANHOLE SHALL UTILIZE A MANHOLE COUPLING (SAND CEMENT) WITH A RUBBER GASKET.
- THE MANHOLE COVER SHALL BE MARKED WITH "STORM" OR "DRAIN" IN 2 INCH RAISED LETTERS. MANHOLE RING AND COVER SHALL CONFORM TO CITY STANDARD DETAIL NO. 06.01.03.
- MANHOLE STEP AND LADDER SHALL CONFORM TO CITY STANDARD DETAILS NO. 06.01.04 AND 06.01.05.



STORM SEWER MANHOLE

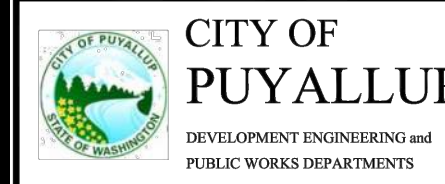
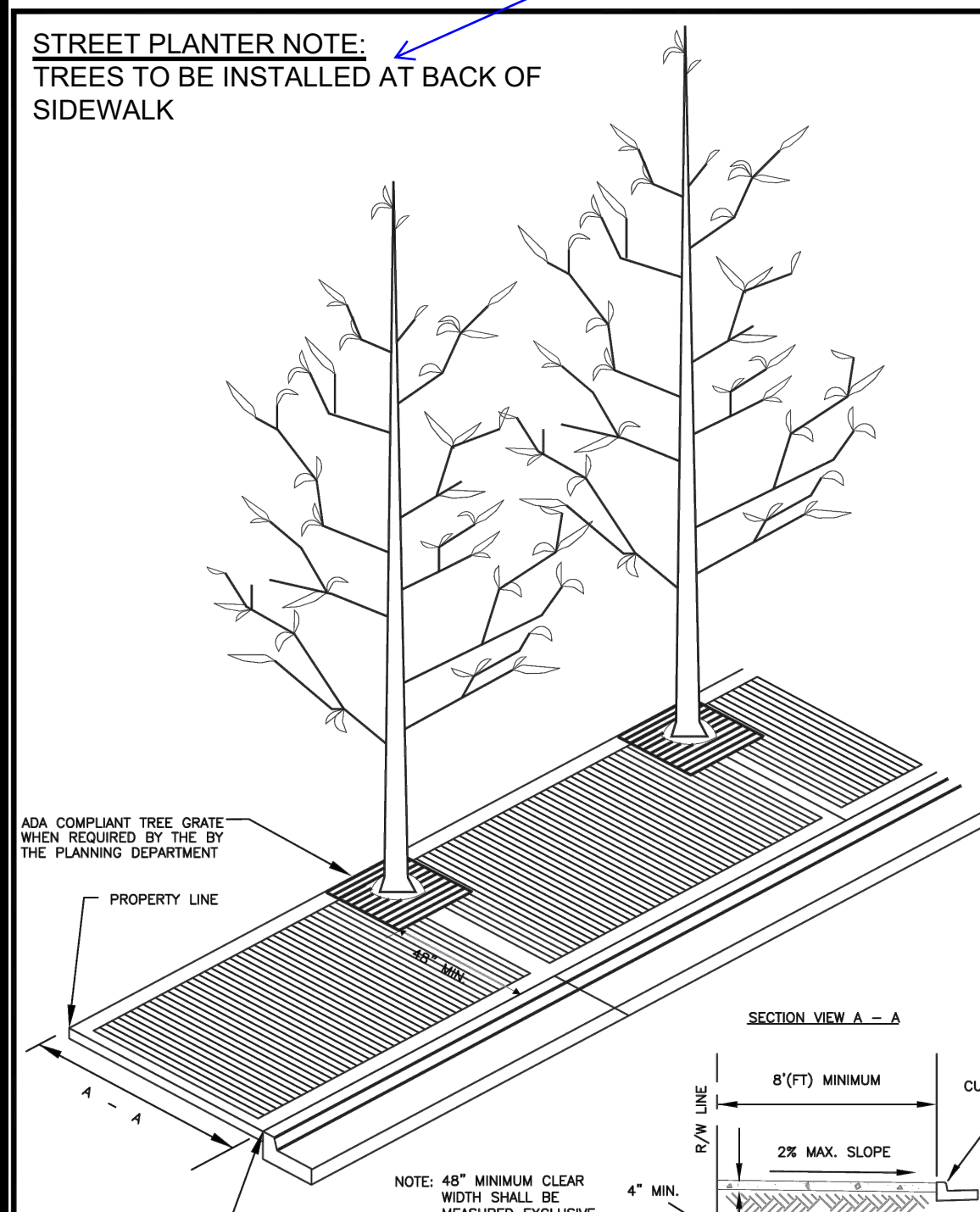
3 STORM SEWER MANHOLE
SCALE: NTS



FLOW CONTROL MANHOLE WITH FLAT TOP

4 FLOW CONTROL MANHOLE WITH FLAT TOP
SCALE: NTS

Include Flow Control
Manhole Notes, Detail
02.01.08.



STREET TREE PLANTER BLOCKOUTS FOR SIDEWALKS

5 STREET TREE PLANTER BLOCKOUTS FOR SIDEWALKS
SCALE: NTS

CALL BEFORE YOU DIG
1-800-424-5555 OR 811

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

1. 30-FOOT STEEL STREETLIGHT STANDARD

- (STR LIGHT SPECS CONTINUED)

- ## STREET LIGHT SPECIFICATIONS (CONT.)

NOTES

- ## TYPICAL STREET LIGHT INSTALLATION

ILLUMINATION NOTES:

- CITY OF
-
- PUYALLUP

1 STREET LIGHT SPECIFICATIONS



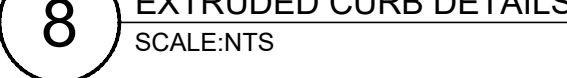
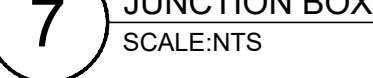
3 TYPICAL STREET LIGHT INSTALLATION



4 STREET LIGHT
SCALE:NTS



5) STREET LIGHT SERVICE METER CABINET FOUNDATION
SCALE:NTS



BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

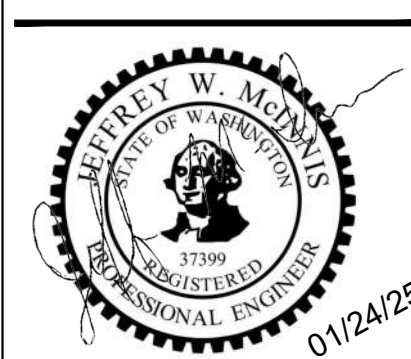
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

mcinnisengineering.com
253.414.1992

McInnis
ENGINEERING

**2401 INTER
NOTES AND DETAILS**

2401 INTER AVE SE
PUYALLUP, WA 98372



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DESIGNED W. MCINNIS	SCALE N.T.S.
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DRAWN W. MCINNIS	CHECKED J. MCINNIS
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DATE	APPROVED
01/24/25	J. MCINNIS

JOB NO.	
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24-166

SHEET
C10 OF C12

C10 OF C12

C10

CALL BEFORE YOU DIG
1-800-424-5555 OR 811

2401 INTER NOTES AND DETAILS

A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

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
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DEVELOPMENT ENGINEERING
MANAGER.

mcmnisengineering.com

253.414.1992

202 East 34th Street
Tacoma, Washington 98404

McInnis
ENGINEERING

2401 INTER
NOTES AND DETAILS

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION	DATE	NUM	SCALE
INITIAL RELEASE	01/24/25	V1	N.T.S.
			CHECKED J. MCINNIS
			APPROVED J. MCINNIS
JOB NO.			
24-166			
SHEET			
C11 OF C12			
C11			

CALL BEFORE YOU DIG
1-800-424-5555 OR 811

PROJECT INFORMATION	
ENGINEERED:	AVERY SCOTT
PRODUCT MANAGER:	AVERY SCOTT@ADSPIPE.COM
ADS SALES REP:	JOE SHEEHY
	253-465-8832
PROJECT NO.:	230928



2401 INTER TACOMA, WA

MC-3500 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH MC-3500.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x75 DESIGNATION S8.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPIDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75+%) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, 4) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 460 LB/FT². THE ABC IS DEFINED IN SECTION 3.2.8 OF ASTM F2418. AND 5) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD. THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-3500 CHAMBER SYSTEM

- STORMTECH MC-3500 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONEHOOTER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELLED AND COMPACTED PRIOR TO PLACING STONE.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM - 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
- INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF 3/4" #4.
- STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "TLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

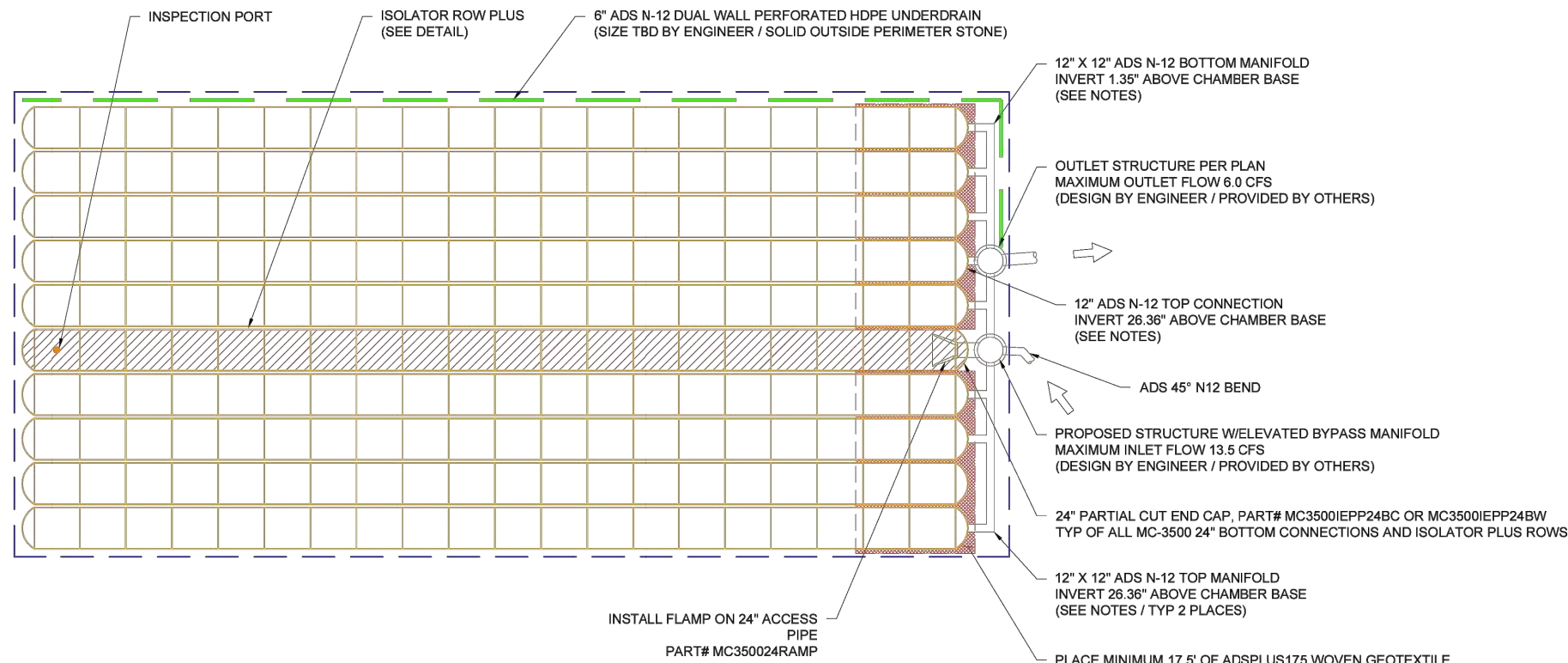
- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
- THE USE OF EQUIPMENT OVER MC-3500 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BASE CHAMBERS.
 - NO RUBBER Tired LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
- FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-882-2884 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

PROPOSED LAYOUT	
150	STORMTECH MC-3500 CHAMBERS
20	STORMTECH MC-3500 END CAPS
12	STONE ABOVE (IN)
9	STONE BELOW (IN)
40	% STONE VOID
34,821	INSTALLED SYSTEM VOLUME (CF) (EXCLUDES STORAGE VOLUME FROM STONE BELOW BOTTOM OF CHAMBER)
11183	SYSTEM AREA (SF)
454	SYSTEM PERIMETER (ft)
PROPOSED ELEVATIONS	
62.75	MINIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)
62.75	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)
62.25	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)
62.25	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)
62.25	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)
61.75	TOP OF STONE
60.75	TOP OF MC-3500 CHAMBER
59.20	12" TOP MANIFOLD INVERT
57.17	24" ISOLATOR ROW PLUS CONNECTION INVERT
57.00	BOTTOM OF MC-3500 CHAMBER
57.00	UNDERDRAIN INVERT
56.25	BOTTOM OF STONE

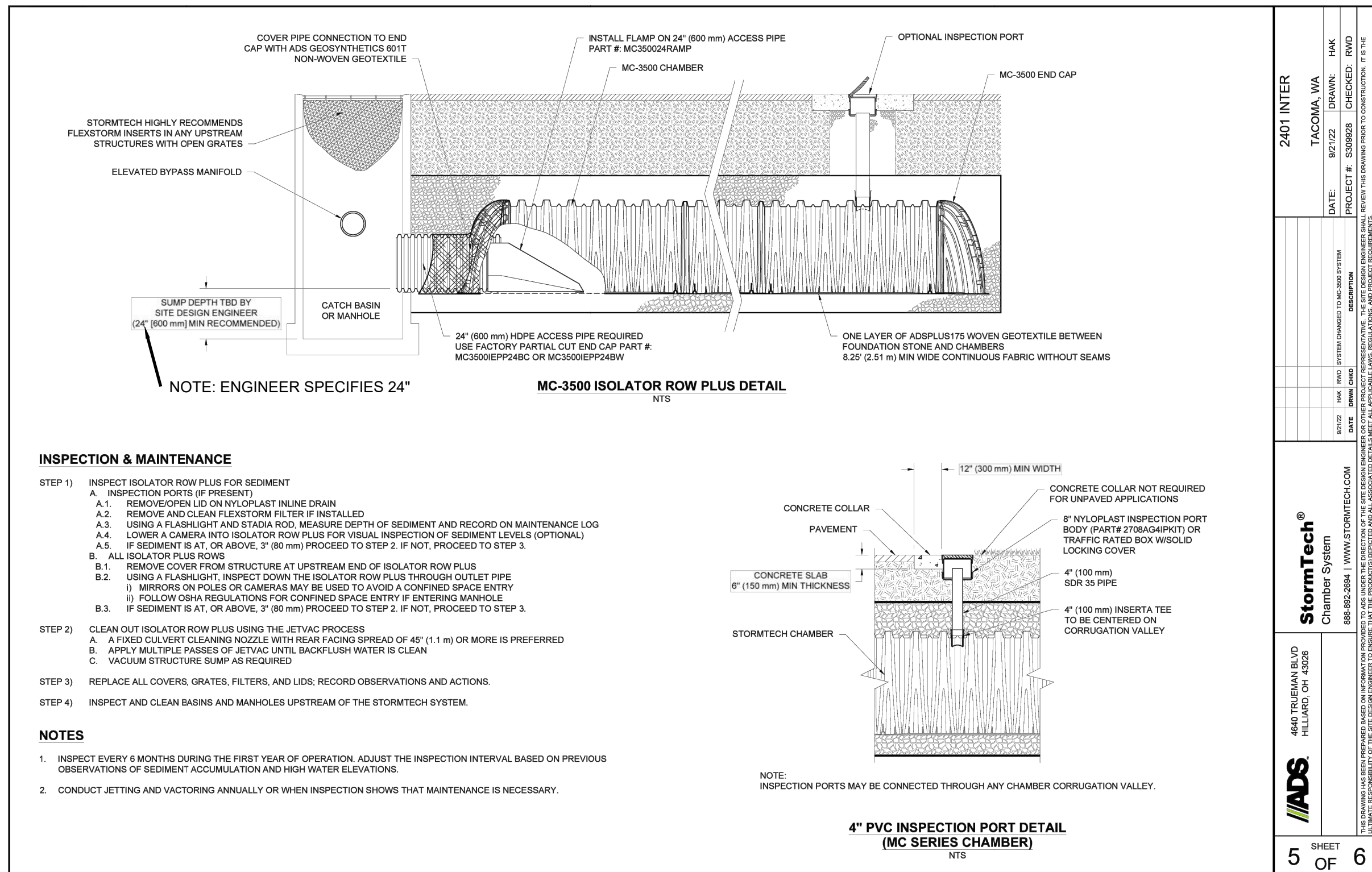
- NOTES**
- MANFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANFOLD SIZING GUIDANCE.
 - DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANFOLD COMPONENTS IN THE FIELD.
 - THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSTALLED SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.



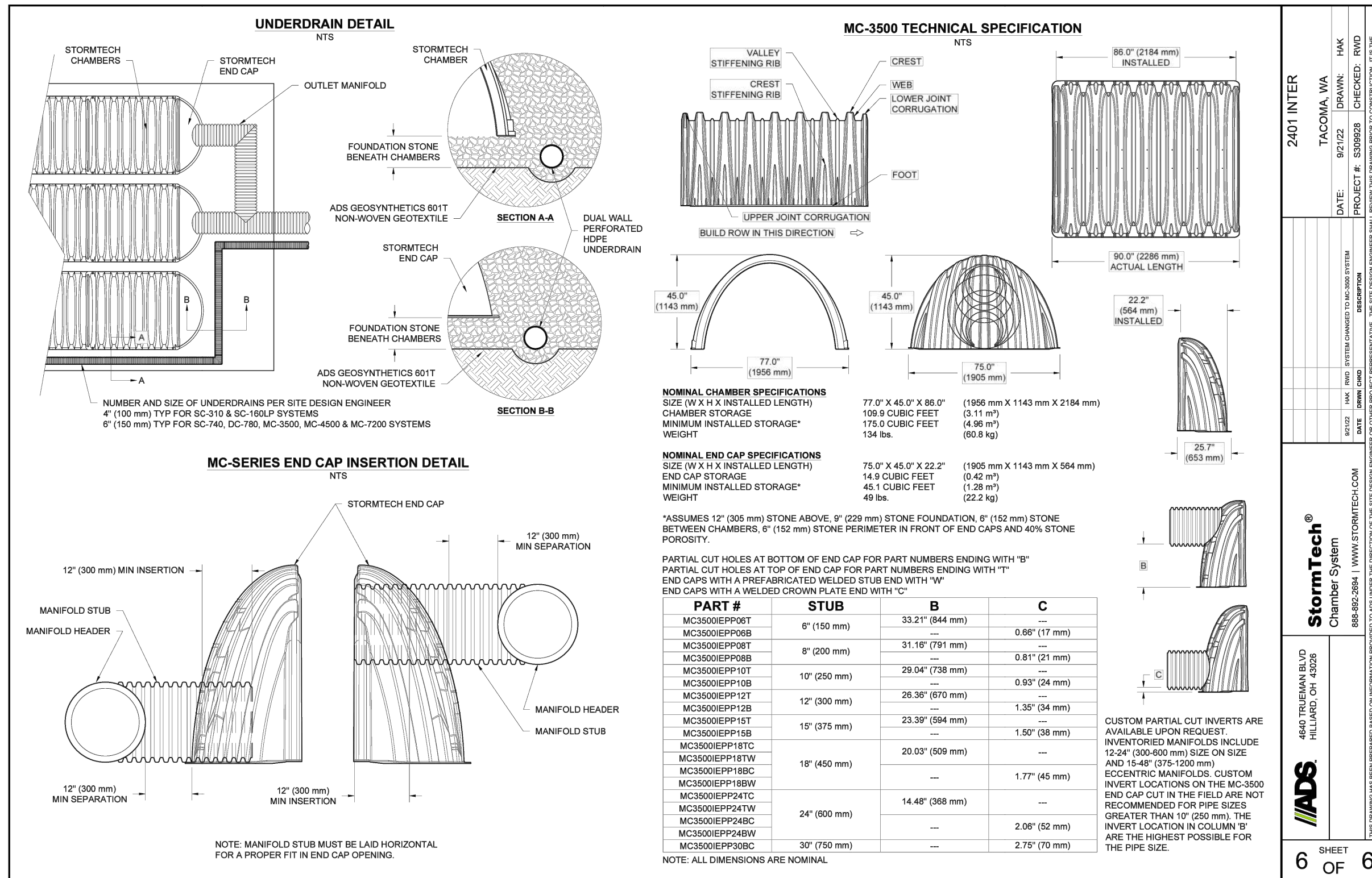
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PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD		CHECKED: RWD	
INVEST: HKM		INVEST: HKM		INVEST: HKM		INVEST: HKM	
DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22		DATE: 9/21/22	
PROJECT # 230928		PROJECT # 230928		PROJECT # 230928		PROJECT # 230928	
DRAWN: HKM		DRAWN: HKM		DRAWN: HKM		DRAWN: HKM	
CHECKED: RWD		CHECKED: RWD		CHECKED: RWD			

2401 INTER NOTES AND DETAILS

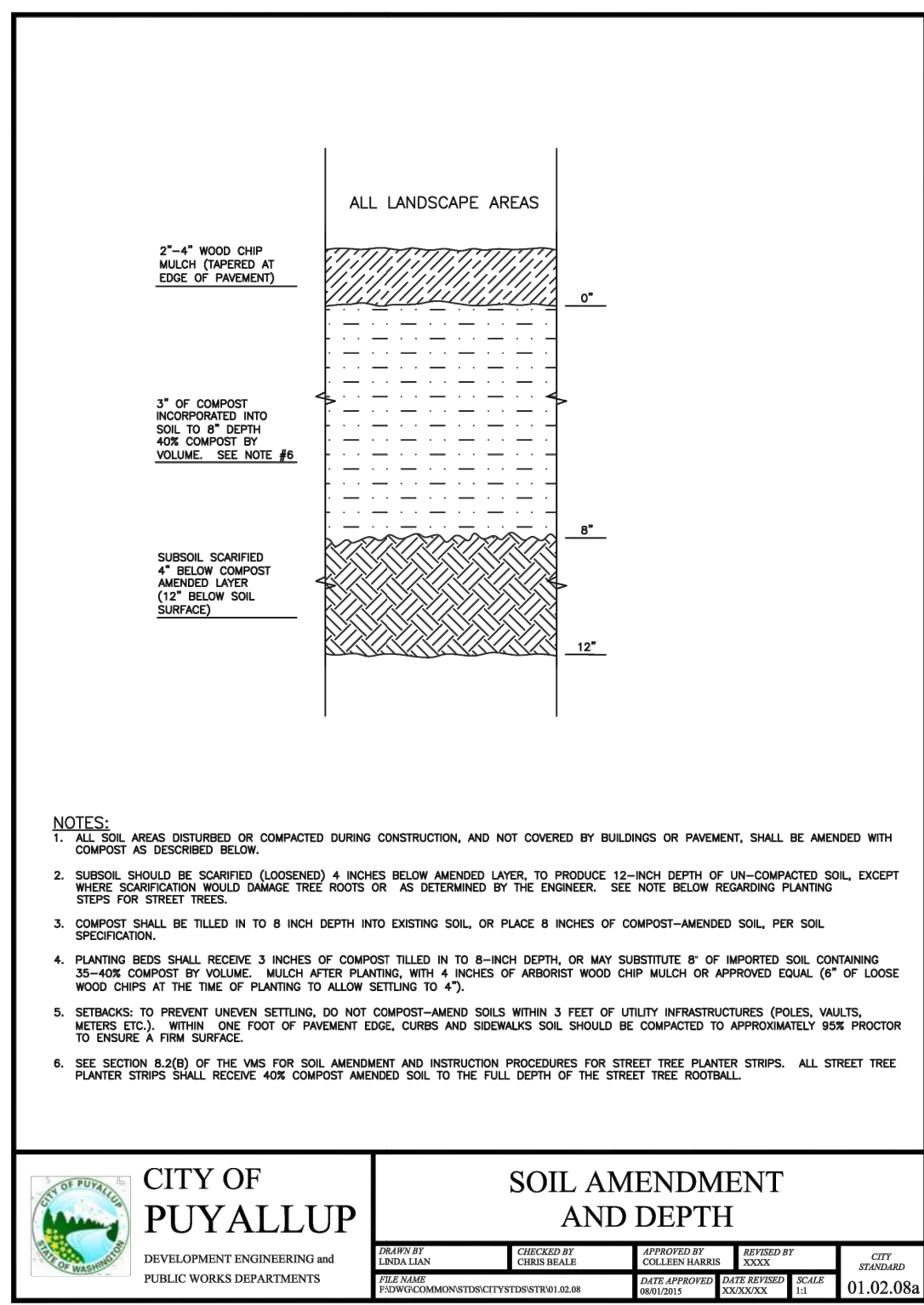
A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA



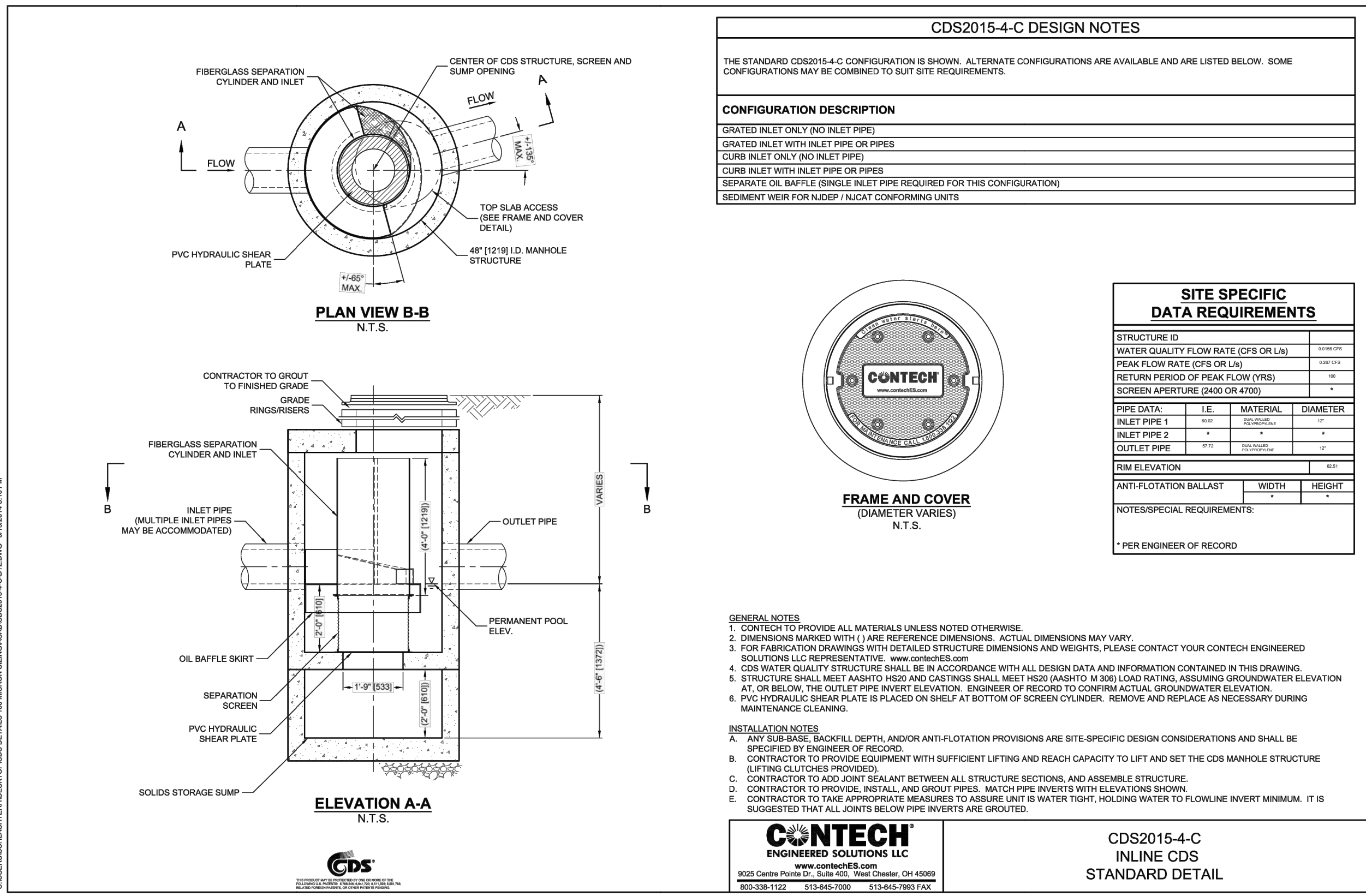
1 STORMTECH DETAIL 5 OF 6
SCALE:NTS



2 STORMTECH DETAIL 6 OF 6
SCALE:NTS



3 SOIL AMENDMENT AND DEPTH
SCALE:NTS



4 CONTECH FILTER
SCALE:NTS

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.

mcinnisengineering.com
253.414.1992
202 East 34th Street
Tacoma, Washington 98404

McInnis
ENGINEERING

2401 INTER
NOTES AND DETAILS

2401 INTER AVE SE
PUYALLUP, WA 98372

DESCRIPTION		DATE	NUM	SCALE
INITIAL RELEASE		01/24/25	V1	N.T.S.
DESIGNED		01/24/25	J. MCINNIS	CHECKED
DRAWN		01/24/25	J. MCINNIS	APPROVED
DATE		01/24/25	J. MCINNIS	
JOB NO.		24-166		
SHEET		C12	OF	C12
				C12

CALL BEFORE YOU DIG
1-800-424-5555 OR 811