

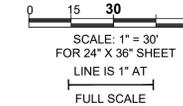
VICINITY MAP
SCALE: NTS

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
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
8-14	C8-C14	NOTES AND DETAILS



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

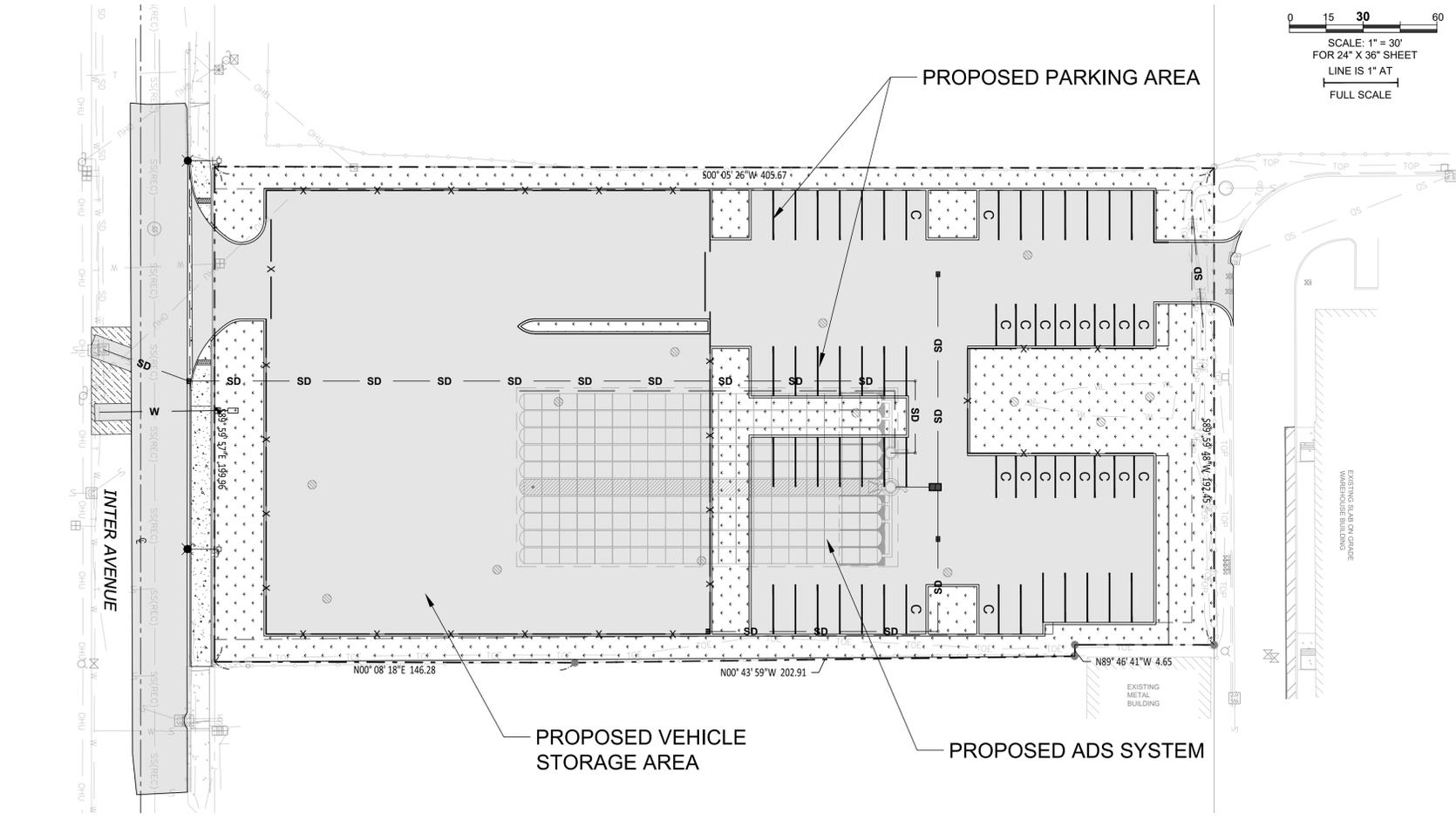
ELEVATION: 60.21 FEET
 DESCRIPTION:
 SOUTHWEST DEED CORNER BEING A REBAR WITH PLASTIC CAP STAMPED "APEX LS 41278/45792" AT SURFACE

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



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		

LEGEND

	PROPERTY LINE
	SETBACK
	PROPOSED CONCRETE
	PROPOSED ASPHALT
	PROPOSED LANDSCAPE
	PROPOSED ADS SYSTEM
	GRIND AND OVERLAY
	PAVING PATCH
	STORM DRAIN
	WATER LINE
	PROPOSED FENCE
	CATCH BASIN
	CLEAN OUT
	WATER METER
	DOUBLE CHECK VALVE ASSEMBLY
	PROPOSED CONTOUR LINES

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: 62

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 EASTWEST 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: 1 CY
 CUT: 10,633 CY
 NET FILL: 10,632 CY

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

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

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



2401 INTER
COVER SHEET
2401 INTER AVE SE
PUYALLUP, WA 98372



DATE	DESCRIPTION
01/24/25	INITIAL RELEASE
06/23/25	SECOND RELEASE

NUM	DATE	SCALE
V1	01/24/25	1"=30'
V2	06/23/25	

DESIGNED BY: W. MCINNIS
 DRAWN BY: W. MCINNIS
 DATE: 11/25/2025
 JOB NO.: 24-166
 SHEET: C1 OF C14
 CHECKED BY: J. MCINNIS
 APPROVED BY: J. MCINNIS
 C1

2401 INTER SITE 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
SITE PLAN**

**2401 INTER AVE SE
PUYALLUP, WA 98372**



DESCRIPTION
INITIAL RELEASE
SECOND RELEASE

DATE
01/24/25
06/23/25

NUM
V1
V2

DESIGNED
W. MCINNIS

DRAWN
J. MCINNIS

DATE
11/25/2025

JOB NO.
24-166

SHEET
C2 OF C14

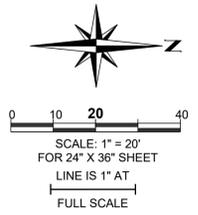
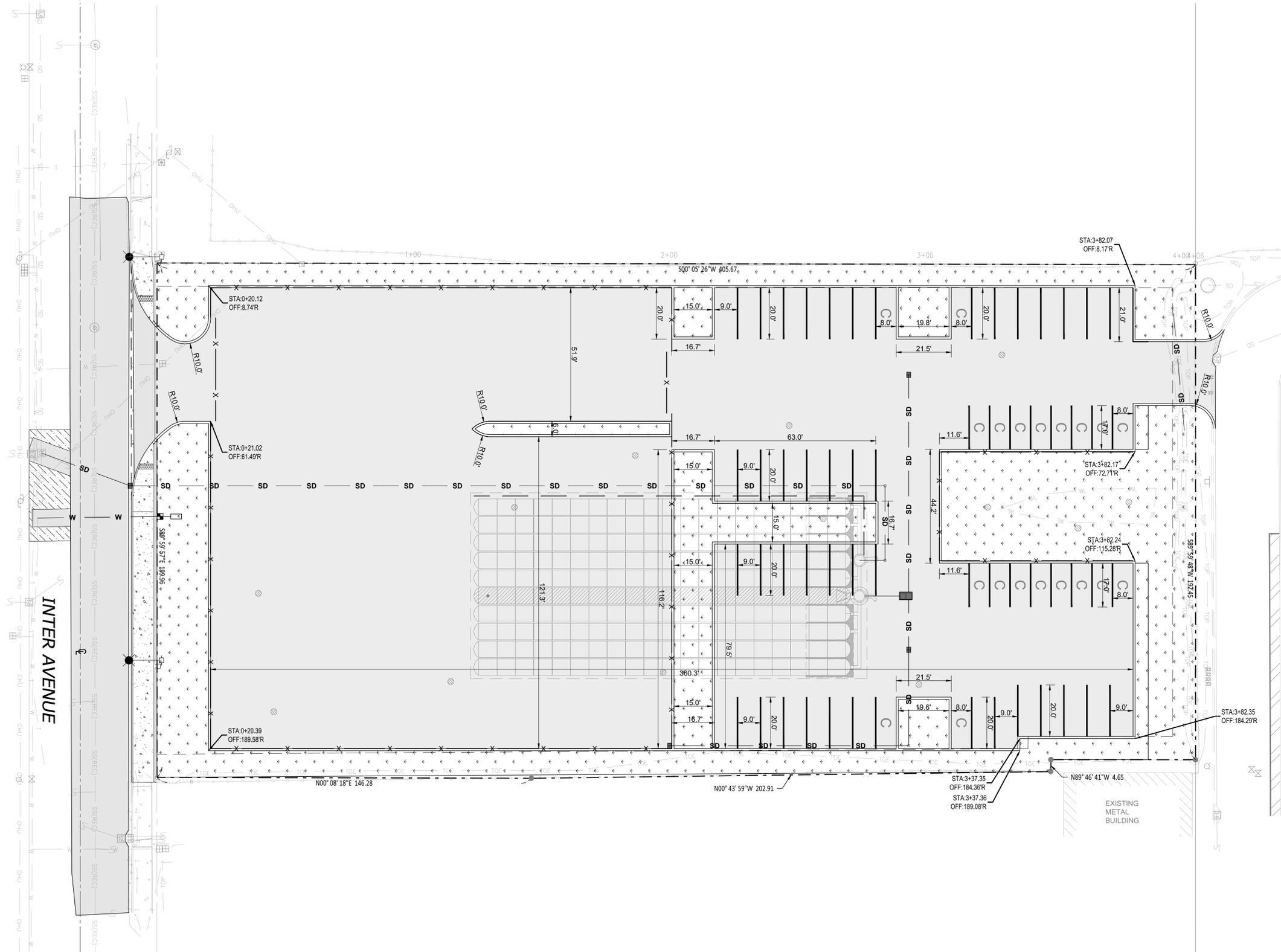
APPROVED
J. MCINNIS

C2

SCALE
1"=20'

Checked
J. McInnis

LEGEND	
	PROPERTY LINE
	SETBACK
	PROPOSED CONCRETE
	PROPOSED ASPHALT
	PROPOSED LANDSCAPE
	PROPOSED ADS SYSTEM
	GRIND AND OVERLAY
	PAVING PATCH
	STORM DRAIN
	WATER LINE
	PROPOSED FENCE
	CATCH BASIN
	CLEAN OUT
	WATER METER
	DOUBLE CHECK VALVE ASSEMBLY
	PROPOSED CONTOUR LINES
	WETLAND MARGIN



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

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:

- 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.
- INSPECT ALL PERMANENT AND TEMPORARY STABILIZED SLOPES. REPAIR ANY DAMAGED SECTIONS AND RE-VEGETATE AS NEEDED TO ENSURE THE ESTABLISHMENT OF VEGETATION AND THAT NO EROSION OF THE SLOPES OCCUR.
- INSPECT ALL FILTER FABRIC FENCING FOR SIGNS OF EROSION, DAMAGE OR FAILURES. REPAIR AND/OR REPLACE AS NEEDED. SEE FILTER FABRIC NOTES. SEDIMENT BUILD-UP ALONG FENCE SHALL BE REMOVED WHEN REACHES 1/3 THE FENCE HEIGHT. IF EROSION IS OCCURRING, CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS NEEDED TO PREVENT EROSION.
- ANY FILLCUT SLOPES SHALL BE INSPECTED FOR EROSION. IF SIGNS OF EROSION ARE PRESENT, INSTALL APPROPRIATE BMPs AS NEEDED TO STOP EROSION AND STABILIZE SLOPES.
- TESC LEAD RESPONSIBLE FOR NOTIFYING ENGINEER IF ADDITIONAL MEASURES ARE WARRANTED.

PERMANENT STABILIZATION NOTES:

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

AMENDED SOILS NOTES:

- SOIL AMENDMENTS ARE REQUIRED FOR ALL DISTURBED AREAS IN ACCORDANCE WITH CS 01.02.0A AND DEPTH OF THE 2019 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:
 - 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/SWFA/FACILITIES/350.HTML](http://www.ecy.wa.gov/PROGRAMS/SWFA/FACILITIES/350.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.
 - CALCULATED AMENDMENT RATES MAY 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 T5.13" TO MEET THE REQUIREMENTS OF THIS BMP. THIS GUIDANCE CAN BE FOUND ONLINE AT WWW.SOILSFORSALMON.ORG
 - LEAVE NATIVE VEGETATION AND SOIL UNDISTURBED, 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 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 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.
- AMENDED SOILS SHALL BE MAINTAINED AS FOLLOWS:
 - 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.
 - SOIL SHOULD BE PLANTED AND MULCHED AFTER INSTALLATION.
 - PLANT DEBRIS OR ITS EQUIVALENT SHOULD BE LEFT ON THE SOIL SURFACE TO REPLENISH ORGANIC MATTER.
 - 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:

- MULCH MATERIALS USED SHALL BE STRAW OR HAY, AND SHALL BE APPLIED AT THE RATE OF 75-100 POUNDS PER 1000 SQ. FT. (APPX 2" THICK).
- MULCH SHALL BE APPLIED IN ALL AREAS WITH EXPOSED SLOPES GREATER THAN 2:1.
- MULCHING SHALL BE USED IMMEDIATELY AFTER SEEDING OR IN AREAS WHICH CANNOT BE SEEDED BECAUSE OF THE SEASON.
- ALL AREAS NEEDING MULCH SHALL BE COVERED BY NOVEMBER 1.

CONTRACTOR NOTES:

- 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.
- CONSTRUCTION FENCE CAN BE UTILIZED IN PLACE OF FILTER FABRIC FENCE ONLY IN AREAS WHERE THE GRADES DO NOT ALLOW THE POTENTIAL FOR ANY STORMWATER TO LEAVE THE SITE.
- 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.
- 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 SEEDING NOTES AND MULCHING NOTES ON THIS SHEET.
- 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.
- AT ANY TIME DURING CONSTRUCTION IT IS DETERMINED BY THE CITY OR COUNTY 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 LIMITS OF THE IMPROVEMENTS. ADDITIONAL MEASURES SHALL BE INSTALLED AS NEEDED.
- 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.
- TREES WITHIN WORKING LIMITS TO BE SAVED, SHALL BE MARKED AS SUCH ON SITE AND PROTECTION FENCE PLACED AROUND EACH TREE.

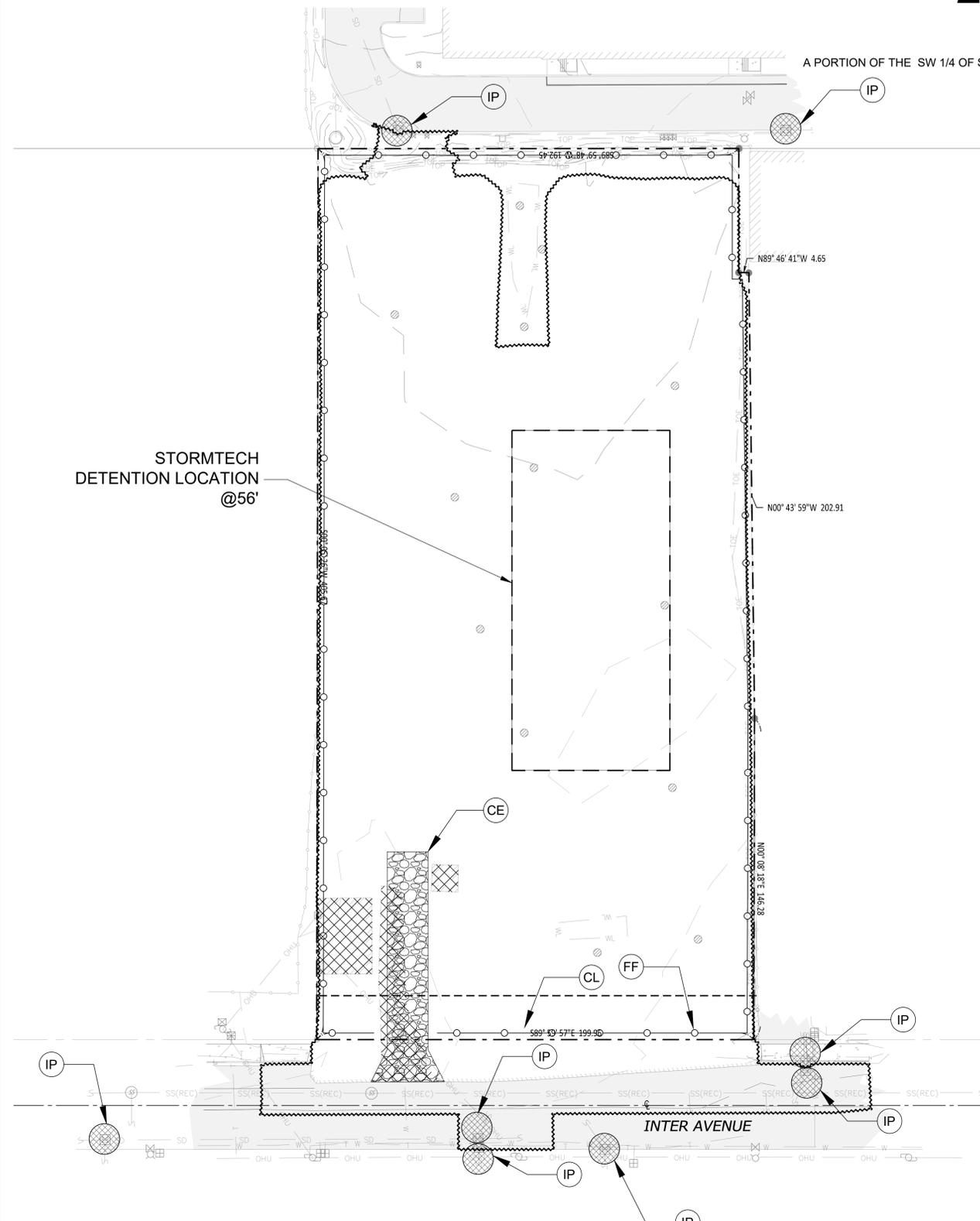
SEEDING NOTES:

- 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

- SEED BEDS PLANTED BETWEEN MAY 1 AND OCTOBER 31 WILL REQUIRE IRRIGATION AND OTHER MAINTENANCE AS NECESSARY TO FOSTER AND PROTECT THE ROOT STRUCTURE.
- FOR SEED BEDS PLANTED BETWEEN OCTOBER 31 AND APRIL 30, ARMORING OF THE SEED BED WILL BE NECESSARY. (E.G., GEOTEXTILES, JUTE MAT, CLEAR PLASTIC COVERING).
- BEFORE SEEDING, INSTALL NEEDED SURFACE RUNOFF CONTROL MEASURES SUCH AS GRADIENT TERRACES, INTERCEPTOR DIKES, SWALES, LEVEL SPREADERS AND SEDIMENT BASINS.
- THE SEEDBED SHALL BE FIRM WITH A FAIRLY FINE SURFACE, FOLLOWING SURFACE ROUGHENING. PERFORM ALL OPERATIONS ACROSS OR AT RIGHT ANGLES TO THE SLOPE.
- FERTILIZERS ARE TO BE USED ACCORDING TO SUPPLIER'S RECOMMENDATIONS. AMOUNTS USED SHOULD BE MINIMIZED, ESPECIALLY ADJACENT TO WATER BODIES AND WETLANDS.



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.

TESC LEGEND:

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

SCALE: 1" = 30'
FOR 22" X 34" SHEET
LINE IS 1" AT
FULL SCALE



DATE	DESCRIPTION	
	INITIAL RELEASE	SECOND RELEASE
01/24/25		
06/23/25		
NUM	V1	V2
DESIGNED	W. MCINNIS	SCALE 1"=30'
DRAWN	W. MCINNIS	CHECKED J. MCINNIS
DATE	11/25/2025	APPROVED J. MCINNIS
JOB NO.	24-166	
SHEET	C3 OF C14	
	C3	

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

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

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.

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2401 INTER
TESC NOTES AND DETAILS

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION
INITIAL RELEASE
SECOND RELEASE

DATE	NUM	SCALE
01/24/25	V1	N.T.S.
06/23/25	V2	CHECKED J. MCINNIS

DATE	NUM	SCALE
11/25/2025	APPROVED	J. MCINNIS

JOB NO.

24-166

SHEET C4 OF C14

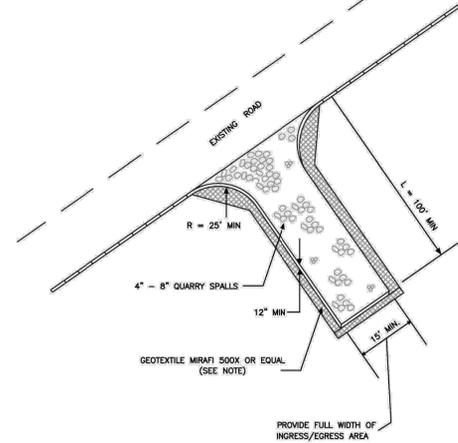
C4

GENERAL 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 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.
- 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 CITY 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 THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
- 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.
- THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARD DETAILS.
- 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.
- 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.
- DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAR OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.
- CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
- A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY AT (866)407-6300.
- 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'S 1465 PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.
- 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 (DNRWAC 332-120-0302) 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 332-120-0302(2) IS COMPLIED WITH. SURVEY MONUMENTS SUBJECT TO WAC 332-120-0302(2) INCLUDE LOCAL CONTROL POINTS AND LAND BOUNDARY SURVEY CORNERS.
- 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.

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 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.



CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and
PUBLIC WORKS DEPARTMENTS

TEMPORARY CONSTRUCTION
ENTRANCE

3 TEMPORARY CONSTRUCTION ENTRANCE SCALE: NTS

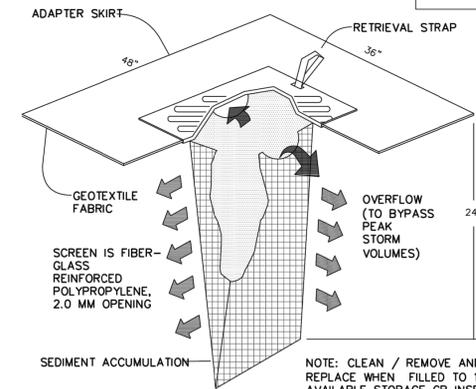
SEDIMENTATION NOTE

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 ROAD, 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

- HOLD A PRECONSTRUCTION MEETING WITH THE CITY AND OBTAIN REQUIRED PERMITS.
- ESTABLISH CLEARING AND GRADING LIMITS.
- CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE.
- CONSTRUCT PERIMETER DITCHES, SILT FENCES, AND OTHER EROSION CONTROL DEVICES AS SHOWN.
- CONSTRUCT PROTECTION DEVICES FOR CRITICAL AREAS AND SIGNIFICANT TREES PROPOSED FOR RETENTION.
- SCHEDULE AN EROSION INSPECTION WITH THE CITY.
- CONSTRUCT STORM DRAINAGE RETENTION/DETENTION (CONTROL AND STORAGE) FACILITIES. PROVIDE EMERGENCY OVERTLOW AS APPLICABLE.
- 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.
- CLEARLY STATE AT WHAT POINT GRADING ACTIVITIES CAN BEGIN, USUALLY ONLY AFTER ALL DRAINAGE AND EROSION CONTROL MEASURES ARE IN PLACE.
- IDENTIFY EROSION CONTROL MEASURES WHICH REQUIRE REGULAR MAINTENANCE.



NOTE: CLEAN / REMOVE AND REPLACE WHEN FILLED TO 1/3 OF AVAILABLE STORAGE CB INSERT TO BE OF GOOD QUALITY AND CLEANABLE LEAVE IN GOOD CONDITION FOR BUILDERS

DETAIL CBI-1 CATCH BASIN INSERT FOR TRASH & DEBRIS

6 CATCH BASIN INSERT SCALE: NTS

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

- 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.
- 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 PERMITEE.
- 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 PERMITEE 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.
- 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.
- 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 PERMITEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
- 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.
- 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
DEVELOPMENT ENGINEERING and
PUBLIC WORKS DEPARTMENTS

GRADING, EROSION, AND
SEDIMENTATION CONTROL NOTES

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

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 BARRIERS 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 3/4" MINUS WASHED GRAVEL.
- PILE STONES AGAINST THE WIRE MESH TO THE TOP OF THE BLOCKS. USE 3/4" MINUS WASHED GRAVEL.

2. FILTER FABRIC FENCE - INSTALLATION PROCEDURE

- 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.

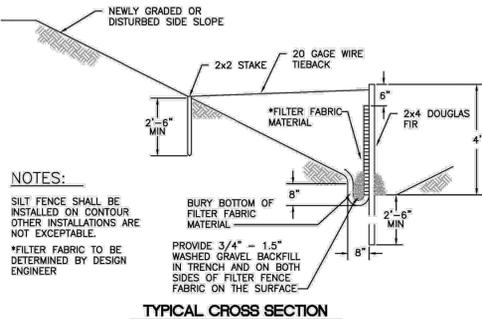
3. STRAW BALE BARRIER - INSTALLATION PROCEDURE

- 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.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and
PUBLIC WORKS DEPARTMENTS

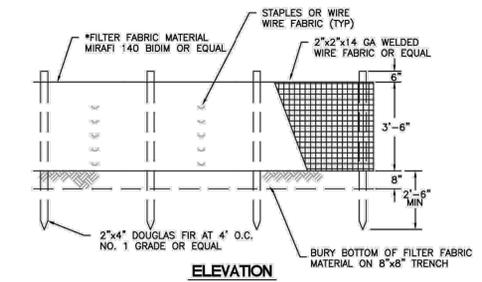
STORM DRAIN
BARRIERS NOTES

5 STORM DRAINAGE BARRIERS NOTES SCALE: NTS



NOTES:
SILT FENCE SHALL BE INSTALLED ON CONTOUR OTHER INSTALLATIONS ARE NOT ACCEPTABLE.
*FILTER FABRIC TO BE DETERMINED BY DESIGN ENGINEER
PROVIDE 3/4" - 1.5" WASHED GRAVEL BACKFILL IN TRENCH AND ON BOTH SIDES OF FILTER FABRIC ON THE SURFACE

TYPICAL CROSS SECTION



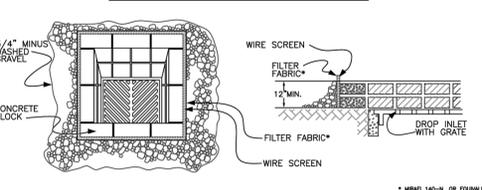
ELEVATION

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and
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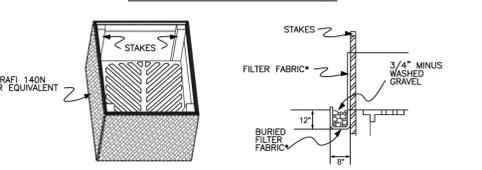
SILTATION FENCE

1 SILTATION FENCE SCALE: NTS

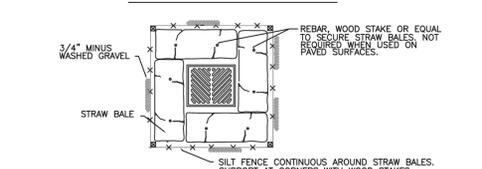
BLOCK AND GRAVEL FILTER



FILTER FABRIC FENCE



STRAW BALE BARRIER



CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and
PUBLIC WORKS DEPARTMENTS

STORM DRAIN
BARRIERS

4 STORM DRAINAGE BARRIERS SCALE: NTS

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

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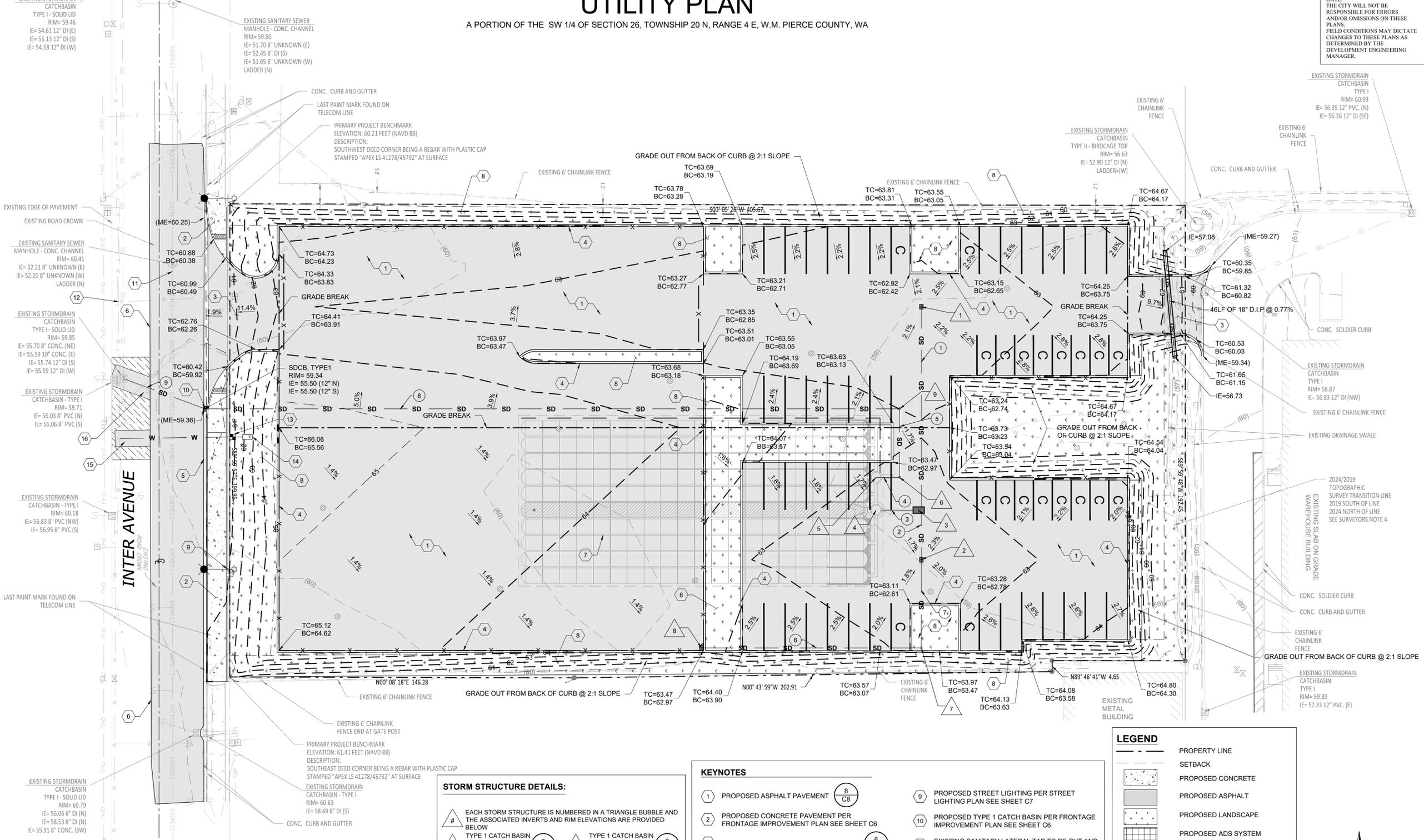
mcinnisengineering.com
253.414.1992

202 East 34th Street
Tacoma, Washington 98404

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2401 INTER GRADING, DRAINAGE, AND UTILITY PLAN

2401 INTER AVE SE
PUYALLUP, WA 98372



STORM DRAIN PIPE SECTIONS

EACH PIPE SECTION IS NUMBERED IN A BUBBLE AND THE ASSOCIATED LENGTHS AND SLOPES ARE PROVIDED BELOW

1	85 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE	5	29 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE
2	20 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE	6	93 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE
3	13 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE	7	37 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE
4	10 LF 12" DUAL WALLED POLYPROPYLENE @ 0.5% SLOPE	8	295 LF 12" DUAL WALLED POLYPROPYLENE @ 0.6% SLOPE
		9	37 LF 12" RCP @ 0.98% SLOPE

STORM STRUCTURE DETAILS:

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 = 59.98	2	TYPE 1 CATCH BASIN RIM = 62.28 IE 12" W = 58.32 IE 12" S = 57.72	3	MANHOLE RIM = 62.77 IE 12" NE = 57.66
4	CONTECH WATER QUALITY SYSTEM RIM = 62.51 IE 12" W = 59.55 IE 12" E = 58.22 IE 12" S = 57.72	5	MANHOLE RIM = 62.77 IE 12" NE = 57.66	6	CLEAN OUT RIM = 62.85 IE 12" = 57.61
6	FLOW CONTROL MANHOLE RIM = 62.96 IE 12" NE = 57.66	7	CLEAN OUT RIM = 63.33 IE 12" = 58.51	8	CLEAN OUT RIM = 63.00 IE 12" = 57.47
8	TYPE 1 CATCH BASIN RIM = 62.97 IE 12" N = 58.98	9	CLEAN OUT RIM = 63.00 IE 12" = 57.47		

KEYNOTES

1	PROPOSED ASPHALT PAVEMENT	9	PROPOSED STREET LIGHTING PER STREET LIGHTING PLAN SEE SHEET C7
2	PROPOSED CONCRETE PAVEMENT PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6	10	PROPOSED TYPE 1 CATCH BASIN PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6
3	PROPOSED MINOR DRIVEWAY APPROACH	11	EXISTING SANITARY LATERAL TAP TO BE CUT AND CAPPED AT THE MAIN LINE
4	PROPOSED EXTRUDED CURB	12	REMOVE THE CORPORATION STOP ON THE WATER MAIN AND INSTALL A BRASE PLUG
5	PROPOSED CURB AND GUTTER PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6	13	PROPOSED 1" WATER SERVICE CONNECTION
6	PROPOSED SAW CUT AND ASPHALT RESTORATION PER FRONTAGE IMPROVEMENT PLAN SEE SHEET C6	14	PROPOSED 2" AND SMALLER DOUBLE CHECK VALVE ASSEMBLY INSTALLATION
7	PROPOSED STORM TECH SYSTEM	15	PROPOSED TRENCH BACKFILL
8	PROPOSED LANDSCAPE	16	PROPOSED PAVING PATCH

LEGEND

	PROPERTY LINE
	SETBACK
	PROPOSED CONCRETE
	PROPOSED ASPHALT
	PROPOSED LANDSCAPE
	PROPOSED ADS SYSTEM
	2" GRIND AND OVERLAY
	PAVING PATCH
	STORM DRAIN
	WATER LINE
	PROPOSED FENCE
	CATCH BASIN
	CLEAN OUT
	WATER METER
	DOUBLE CHECK VALVE ASSEMBLY
	PROPOSED CONTOUR LINES



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1-800-424-5555 OR 811

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JOB NO.	24-166	
SHEET	C5 OF C14	
	C5	

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

APPROVED

BY CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE

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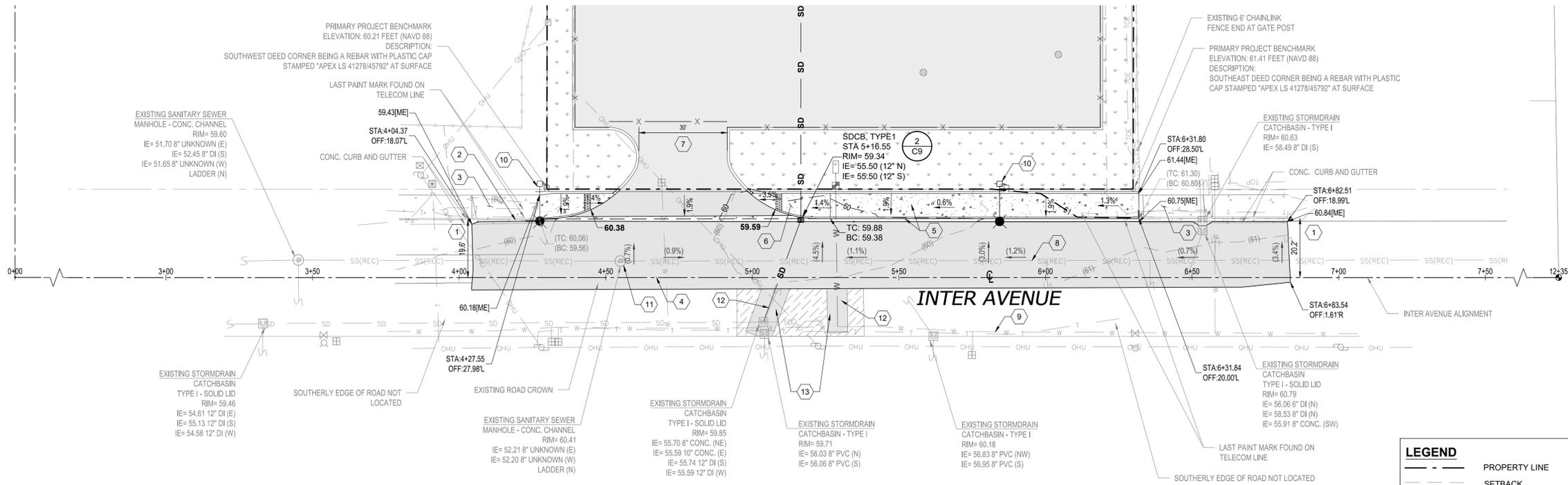
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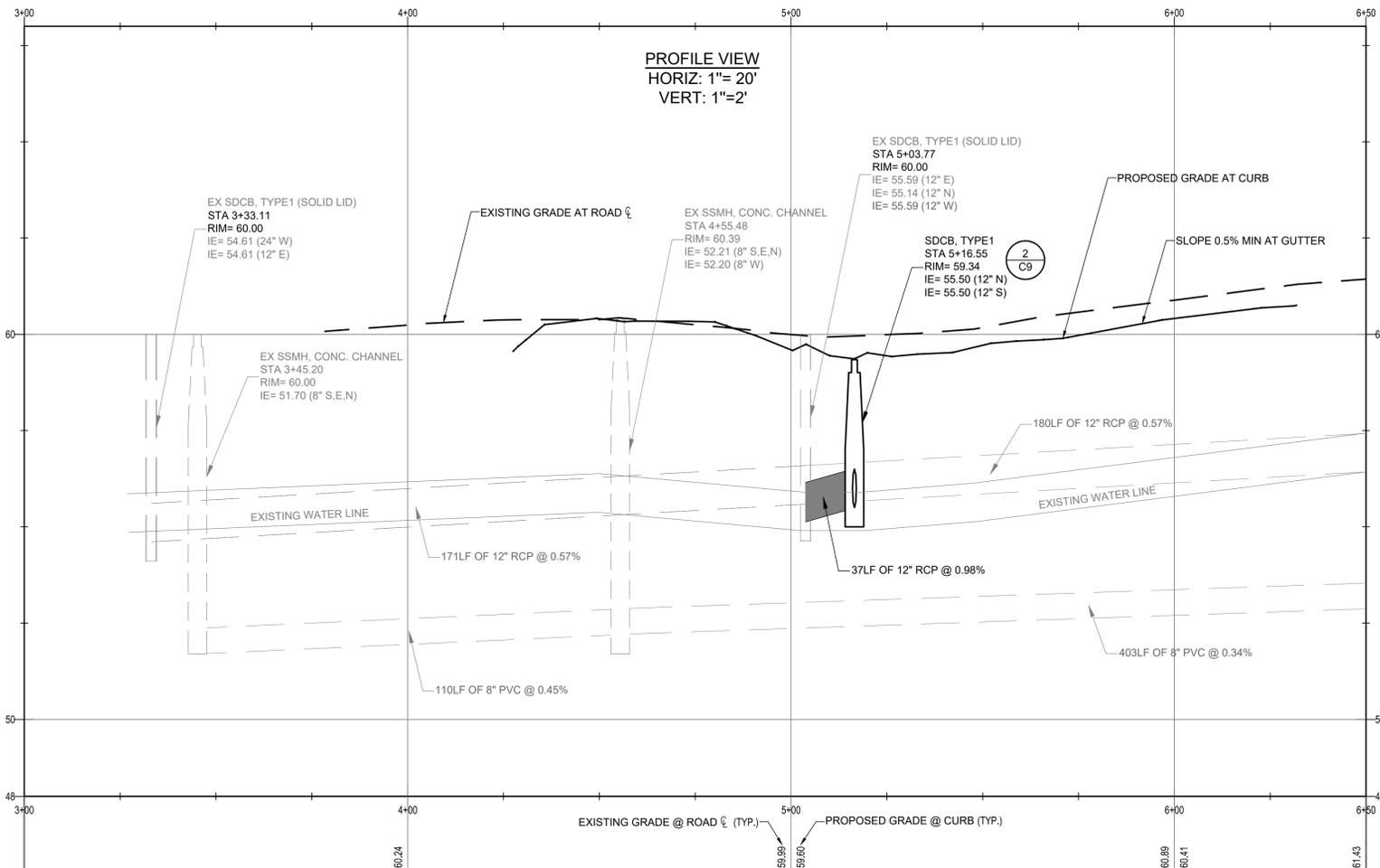
**2401 INTER
FRONTAGE IMPROVEMENT
PLAN**

2401 INTER AVE SE
PUYALLUP, WA 98372



KEYNOTES

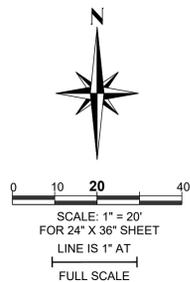
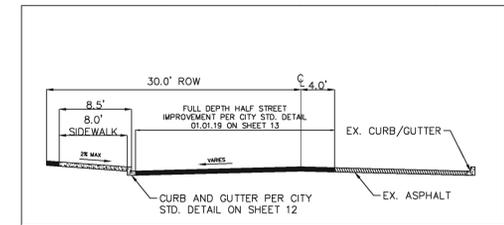
- 1 EXISTING FACE OF CURB TO R.O.W. CENTERLINE
- 2 EXISTING CURB CUT
- 3 EXISTING SIDEWALK
- 4 HALF-STREET PAVEMENT REPLACEMENT SEE DETAIL (1 C9)
- 5 CURB, GUTTER AND 8' SIDEWALK SEE DETAIL (4 C8, 6 C8)
- 6 SIDEWALK RAMP SEE DETAIL (6 C8)
- 7 30 FOOT WIDE COMMERCIAL APPROACH SEE DETAIL (5 C8)
- 8 EXISTING 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
- 12 PROPOSED TRENCH BACKFILL (2 C8)
- 13 PROPOSED PAVING PATCH (1 C8)



LEGEND	
---	PROPERTY LINE
---	SETBACK
[Pattern]	PROPOSED CONCRETE
[Pattern]	PROPOSED ASPHALT
[Pattern]	PROPOSED LANDSCAPE
[Pattern]	PROPOSED ADS SYSTEM
[Pattern]	2" GRIND AND OVERLAY
[Pattern]	PAVING PATCH
SD	STORM DRAIN
W	WATER LINE
X	PROPOSED FENCE
[Symbol]	CATCH BASIN
[Symbol]	CLEAN OUT
[Symbol]	WATER METER
[Symbol]	DOUBLE CHECK VALVE ASSEMBLY
[Symbol]	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.



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

DATE	DESCRIPTION	INITIAL RELEASE	SECOND RELEASE
01/24/25			
06/23/25			

NUM	DATE	SCALE
V1	01/24/25	1"=20'
V2	06/23/25	

DESIGNED	CHECKED
W. MCINNIS	J. MCINNIS
DRAWN	APPROVED
J. MCINNIS	J. MCINNIS
DATE	JOB NO.
11/25/2025	24-166
SHEET	OF
C6	C14
C6	

2401 INTER STREET LIGHTING 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

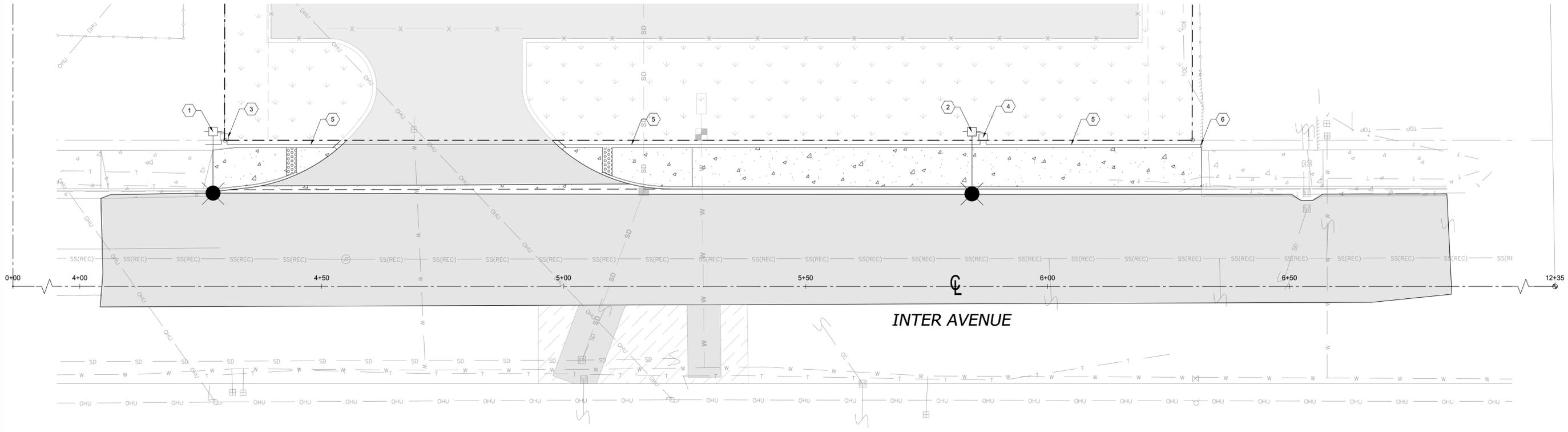
DATE _____

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



KEYNOTES

- 1 STREET LIGHTING POLE, STA. 4+27.56, 31.81' LT PER CITY STD DETAIL 01.05.04 SEE DETAIL 4
C10
- 2 STREET LIGHTING POLE, STA. 5+84.37, 31.78' LT PER CITY STD DETAIL 01.05.04 SEE DETAIL 4
C10
- 3 PROVIDE TYPE 1 JUNCTION BOX 4+29.87, 30.67' LT WITH SLIP RESISTANT COATING AND 6" X 6" CONCRETE COLLAR PER CITY STANDARD DETAIL 01.06.01 SEE DETAIL 7
C10
- 4 PROVIDE TYPE 1 JUNCTION BOX 5+86.69, 30.63' LT WITH SLIP RESISTANT COATING AND 6" X 6" CONCRETE COLLAR PER CITY STANDARD DETAIL 01.06.01 SEE DETAIL 7
C10
- 5 2" PVC SCHEDULE 80 - (2) #8 CU AND (1) #10 CU GRD
2" PVC SCHEDULE 80 - SPARE W/ PULLSTRING
- 6 CONNECT TO NEW CITY J-BOX AT THE WEST PROPERTY LINE OF THE ADJACENT PARCEL TO THE EAST. VERIFY VOLTAGE AND REQUIRED CONDUCTOR SIZE FOR THE RUN LENGTH. CITY TO PROVIDE RECENT INSTALLATION DETAILS. FIELD VERIFY.
- 7 ELECTRICAL CONTRACTOR SHALL MAINTAIN 150 FT SPACING REQUIREMENT BETWEEN STREET LIGHTING POLES PER CITY OF PUYALLUP STANDARDS. FIELD VERIFY AND COORDINATE LIGHTPOLE LOCATION WITH PSE AND CITY OF PUYALLUP PRIOR TO ROUGH IN.

LEGEND

- PROPERTY LINE
- SETBACK
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED LANDSCAPE
- PROPOSED ADS SYSTEM
- 2" GRIND AND OVERLAY
- PAVING PATCH
- STORM DRAIN
- WATER LINE
- PROPOSED FENCE
- CATCH BASIN
- CLEAN OUT
- WATER METER
- DOUBLE CHECK VALVE ASSEMBLY

**2401 INTER
STREET LIGHTING PLAN**

2401 INTER AVE SE
PUYALLUP, WA 98372



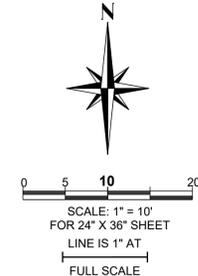
DATE	DESCRIPTION
01/24/25	INITIAL RELEASE
06/23/25	SECOND RELEASE

DATE	DESIGNED	SCALE
01/24/25	W. MCINNIS	1"=10'

DATE	DRAWN	CHECKED
11/25/2025	W. MCINNIS	J. MCINNIS

DATE	APPROVED
11/25/2025	J. MCINNIS

JOB NO. 24-166
SHEET C7 OF C14
C7



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

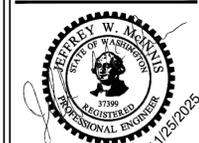
DATE _____

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

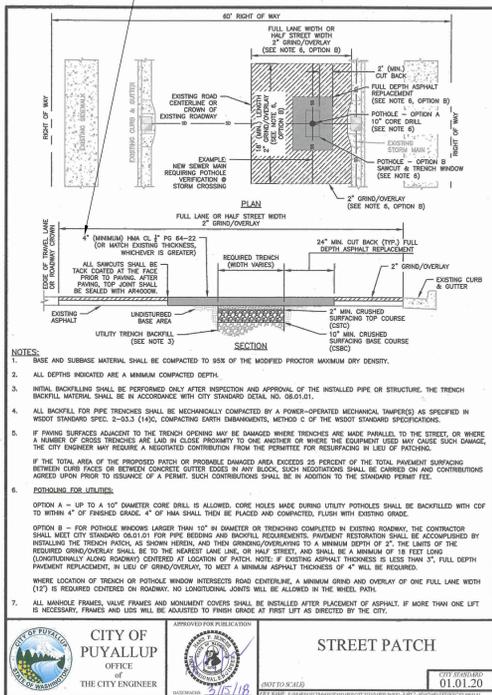
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Tacoma, Washington 98404

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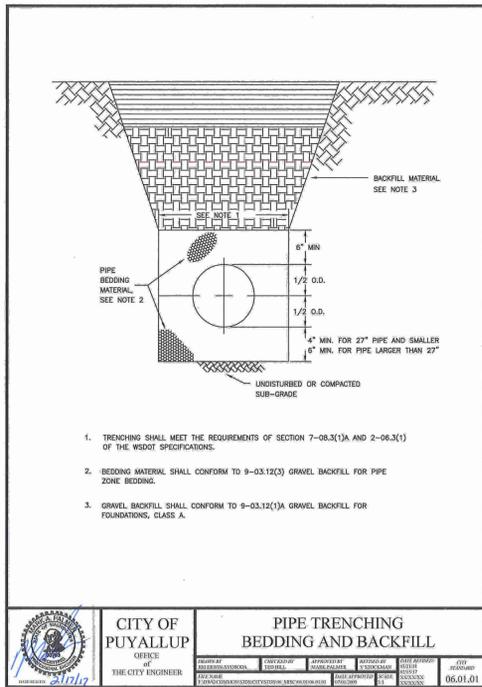
2401 INTER
NOTES AND DETAILS
2401 INTER AVE SE
PUYALLUP, WA 98372



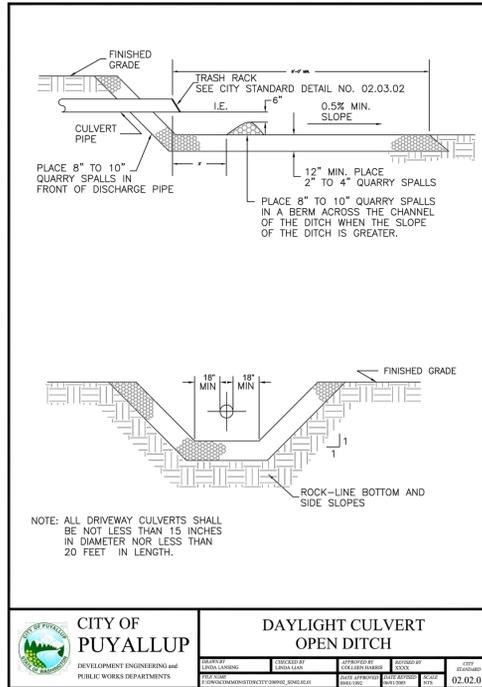
NOTE: 4" MINIMUM 6" PREFERRED FOR HEAVY TRUCK TRAFFIC



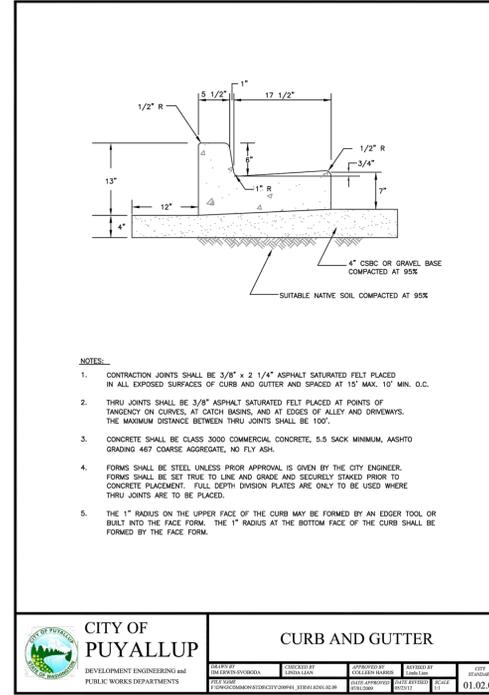
1 STREET PATCH SCALE:NTS



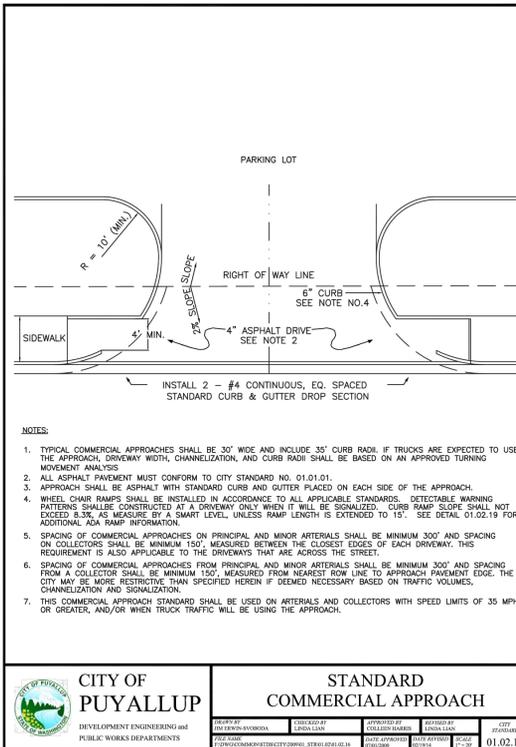
2 PIPE TRENCHING BEDDING AND BACKFILL SCALE:NTS



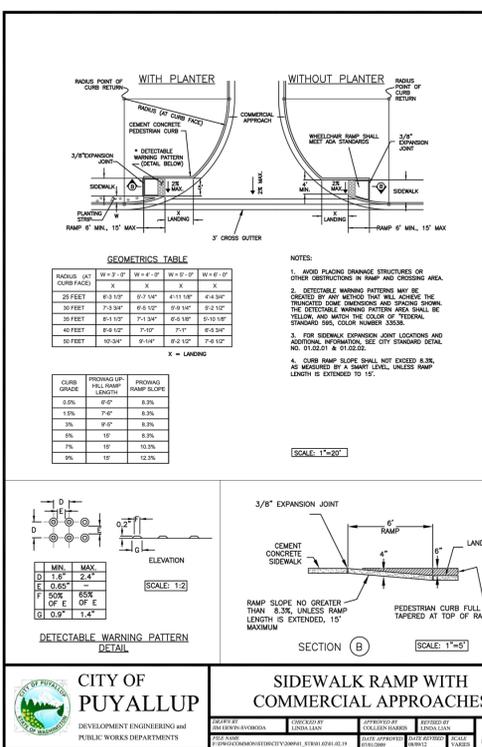
3 DAYLIGHT CULVERT OPEN DITCH SCALE:NTS



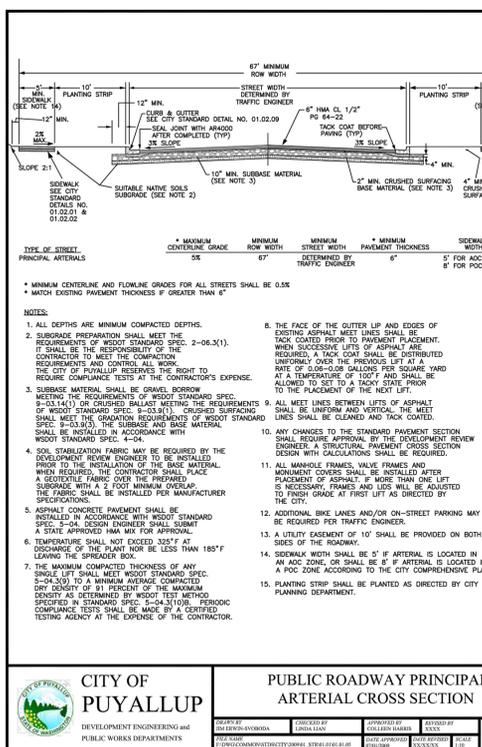
4 CURB AND GUTTER SCALE:NTS



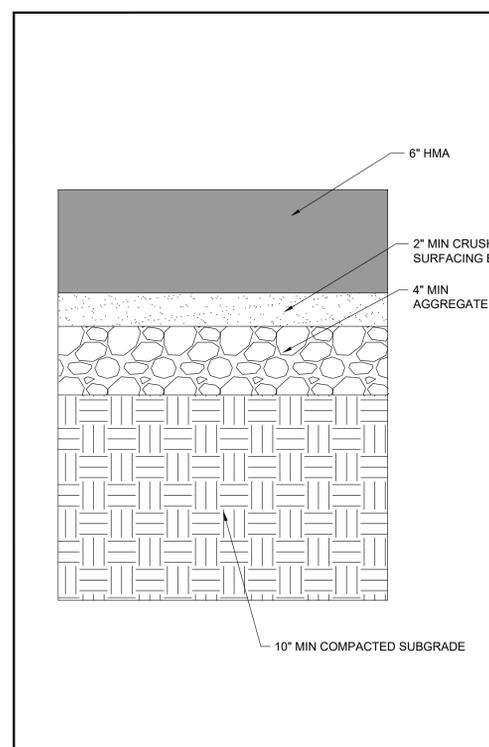
5 STANDARD COMMERCIAL APPROACH SCALE:NTS



6 SIDEWALK RAMP WITH COMMERCIAL APPROACHES SCALE:NTS



7 PUBLIC ROADWAY PRINCIPAL ARTERIAL CROSS SECTION SCALE:NTS



8 ASPHALT CROSS SECTION SCALE:NTS

DESCRIPTION	DATE	SCALE
INITIAL RELEASE	01/24/25	N.T.S.
SECOND RELEASE	06/23/25	CHECKED J. MCINNIS
		APPROVED J. MCINNIS

DESIGNED W. MCINNIS
DRAWN W. MCINNIS
DATE 11/25/2025
JOB NO. 24-166
SHEET C8 OF C14
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 CITY OF PUYALLUP DEVELOPMENT ENGINEERING

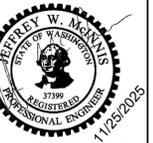
DATE

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.

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2401 INTER NOTES AND DETAILS



DESCRIPTION
INITIAL RELEASE
SECOND RELEASE

DATE
01/24/25
06/23/25

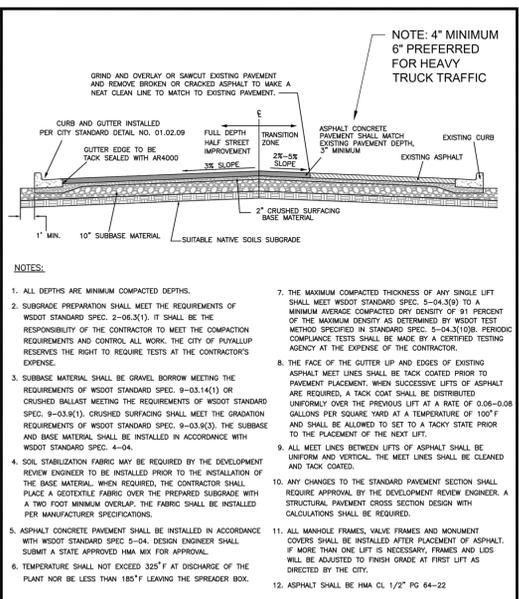
DESIGNED BY W. MCINNIS
DRAWN BY W. MCINNIS
DATE 11/25/2025
JOB NO.

SCALE
N.T.S.
CHECKED BY J. MCINNIS
APPROVED BY J. MCINNIS

24-166
SHEET C9 OF C14
C9

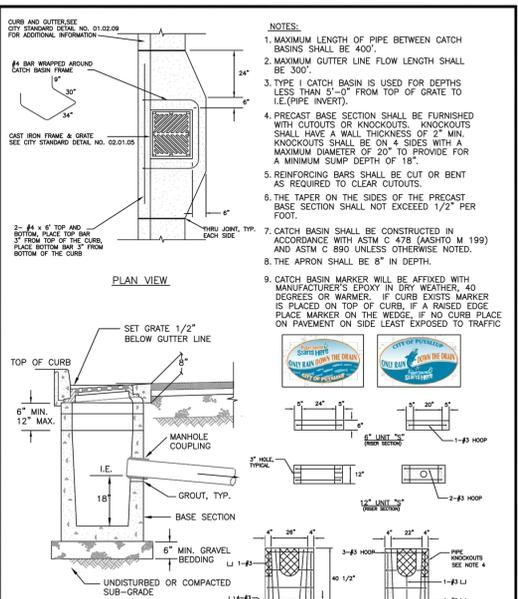
CITY OF PUYALLUP ROADWAY PLAN NOTES

- 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/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. SIGNAGE SHALL BE INSTALLED IN 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 ADVANCE WARNING USING THE PROCEDURES OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.



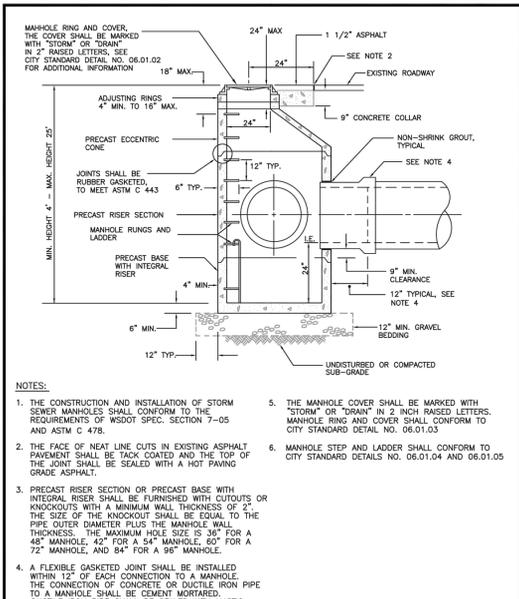
CITY OF PUYALLUP	HALF STREET IMPROVEMENT
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	
DESIGNED BY: JEFFREY W. MCINNIS	ISSUED BY: JEFFREY W. MCINNIS
CHECKED BY: JEFFREY W. MCINNIS	APPROVED BY: JEFFREY W. MCINNIS
DATE: 01.01.19	

1 HALF STREET IMPROVEMENT SCALE:N.T.S.



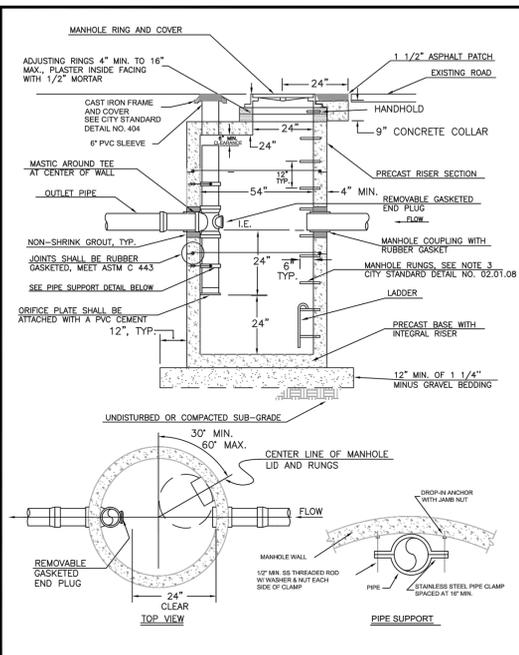
CITY OF PUYALLUP	CATCH BASIN TYPE 1 (GUTTER DRAIN)
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	
DESIGNED BY: JEFFREY W. MCINNIS	ISSUED BY: JEFFREY W. MCINNIS
CHECKED BY: JEFFREY W. MCINNIS	APPROVED BY: JEFFREY W. MCINNIS
DATE: 02.01.03	

2 CATCH BASIN TYPE 1 (GUTTER DRAIN) SCALE:N.T.S.



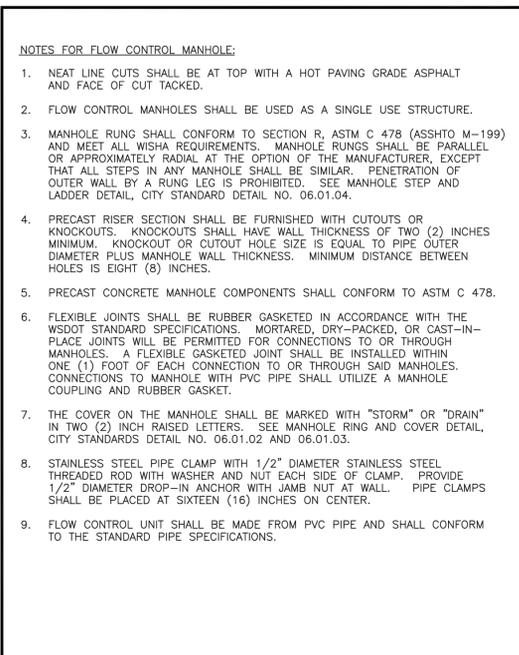
CITY OF PUYALLUP	STORM SEWER MANHOLE
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	
DESIGNED BY: JEFFREY W. MCINNIS	ISSUED BY: JEFFREY W. MCINNIS
CHECKED BY: JEFFREY W. MCINNIS	APPROVED BY: JEFFREY W. MCINNIS
DATE: 02.01.01	

3 STORM SEWER MANHOLE SCALE:N.T.S.



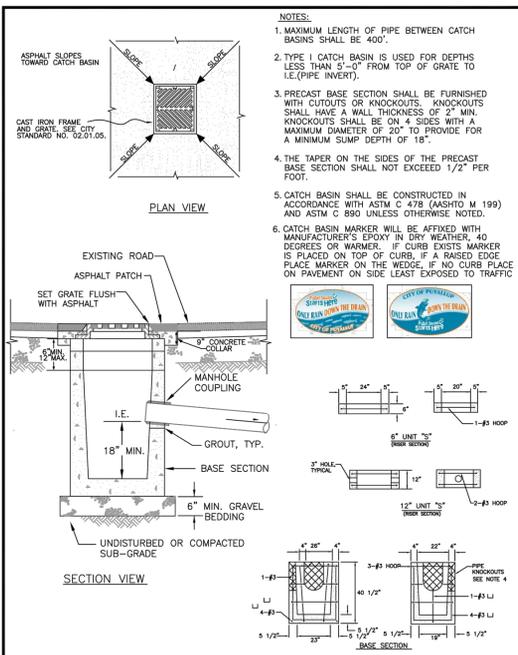
CITY OF PUYALLUP	FLOW CONTROL MANHOLE WITH FLAT TOP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	
DESIGNED BY: JEFFREY W. MCINNIS	ISSUED BY: JEFFREY W. MCINNIS
CHECKED BY: JEFFREY W. MCINNIS	APPROVED BY: JEFFREY W. MCINNIS
DATE: 02.01.07	

4 FLOW CONTROL MANHOLE WITH FLAT TOP SCALE:N.T.S.



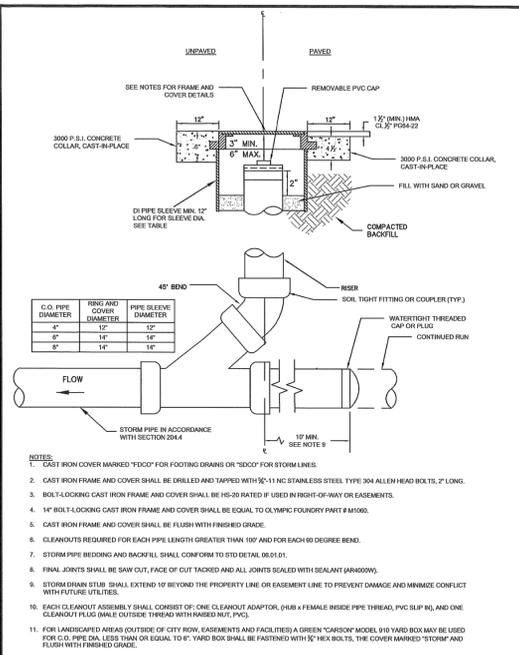
CITY OF PUYALLUP	FLOW CONTROL MANHOLE NOTES
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	
DESIGNED BY: JEFFREY W. MCINNIS	ISSUED BY: JEFFREY W. MCINNIS
CHECKED BY: JEFFREY W. MCINNIS	APPROVED BY: JEFFREY W. MCINNIS
DATE: 02.01.08	

5 FLOW CONTROL MANHOLE NOTES SCALE:N.T.S.



CITY OF PUYALLUP	CATCH BASIN TYPE 1 (AREA DRAIN)
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	
DESIGNED BY: JEFFREY W. MCINNIS	ISSUED BY: JEFFREY W. MCINNIS
CHECKED BY: JEFFREY W. MCINNIS	APPROVED BY: JEFFREY W. MCINNIS
DATE: 02.01.02	

6 CATCH BASIN TYPE 1 (AREA DRAIN) SCALE:N.T.S.



CITY OF PUYALLUP	STORM DRAIN CLEANOUT
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	
DESIGNED BY: JEFFREY W. MCINNIS	ISSUED BY: JEFFREY W. MCINNIS
CHECKED BY: JEFFREY W. MCINNIS	APPROVED BY: JEFFREY W. MCINNIS
DATE: 02.01.09	

7 STORM DRAIN CLEANOUT SCALE:N.T.S.

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 AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

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2401 INTER
NOTES AND DETAILS

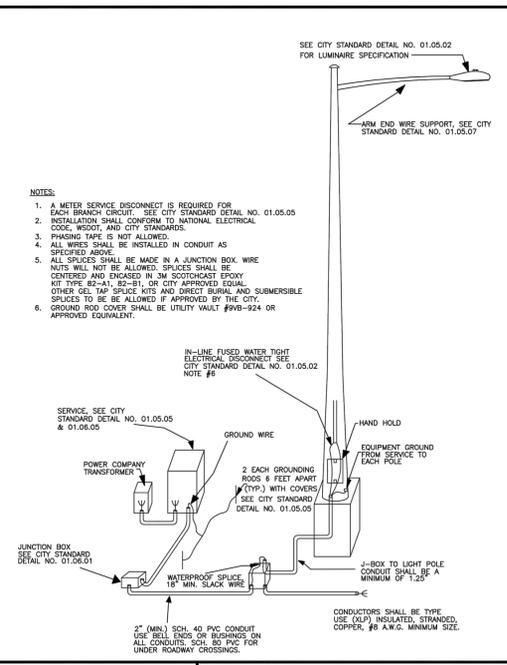
2401 INTER AVE SE
PUYALLUP, WA 98372

STREET LIGHTING SPECIFICATIONS

- 30-FOOT STEEL STREETLIGHT STANDARD
- DIMENSIONS
 - STREETLIGHT STANDARDS SHALL PROVIDE A FIXTURE MOUNTING HEIGHT OF 30'0" PLUS OR MINUS 6" WITH A TYPICAL 12 FOOT MAST ARM WITH A THREE FOOT OVERHANG.
 - BASE PLATE SHALL HAVE SLOTTED HOLES TO ACCOMMODATE 1-INCH ANCHOR BOLTS AND 1 1/2" BOLT CIRCLE WITH MINIMUM CLEARANCE OF 1" BETWEEN BOLT AND POLE.
 - HANDHOLE CENTER SHALL BE LOCATED APPROXIMATELY 12 INCHES FROM THE BASE PLATE, ROTATED 270 DEGREES FROM MAST ARM SO AS THE HANDHOLE IS LOCATED ON THE SIDE OPPOSING ONCOMING TRAFFIC.
- STRENGTH
 - POLES SHALL MEET ALL STRENGTH REQUIREMENTS OF AASHTO FOR 90 MPH ISOTACH WHEN USED WITH A LUMINAIRE WEIGHING 48 POUNDS WITH A E.P.A. OF 1.1 SQUARE FEET. ALL ATTACHING BOLTS AND SCREWS THAT ARE NOT GALVANIZED SHALL BE STAINLESS STEEL.
- FINISH
 - THE POLES AND ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED, MINIMUM 3 MIL THICKNESS.
- MAST ARM ATTACHMENT SHALL BE SECURED BY 3 BOLTS.
- EACH POLE SHALL HAVE HANDHOLE (WITH COVER), GROUND LUG AND REMOVABLE POLE CAP.
- EACH CITY POLE SHALL HAVE A BLACK 4" TO 6" LETTER C STENCILED ON ROADWAY SIDE OF POLE 1'0" ABOVE GRADE.
- ANCHORAGE
 - POLES SHALL BE ANCHORED WITH 4 BOLTS, 1"X3/8"X4" #8UNC WITH HOT DIPPED GALVANIZING AFTER THREADS ARE CUT. GALVANIZED AREA SHALL EXTEND FROM THREADED END FOR A MINIMUM OF 12 INCHES. BOLTS SHALL BE PROVIDED WITH 2 GALVANIZED NUTS AND FLAT WASHERS FOR LEVELING. SHIMS WILL NOT BE USED.
 - A NON-SHRINKING GROUT SHALL BE INSTALLED WITH ONE 1/2" DRAIN HOLE UNDER THE BASE PLATE AFTER THE ENGINEER HAS APPROVED THE POLE INSTALLATION.
- CONDUIT
 - ALL CONDUIT SHALL BE BURIED A MINIMUM OF 24 INCHES DEEP. ALL ROADWAY CROSSINGS SHALL BE RIGID METALLIC OR SCHEDULE 80 PVC. CONDUIT SHALL CONFORM TO SECTION 8-29 OF WSDOT STANDARD SPECIFICATIONS. SCHEDULE 80 PVC MAY BE USED IN LOCATIONS OTHER THAN ROADWAY CROSSINGS.

(STR LIGHT SPECS CONTINUED)

- JUNCTION BOXES (WHEN REQUIRED)
 - JUNCTION BOXES SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS. THEY WILL CONFORM TO WSDOT STANDARD PLAN J-40.10-02. TYPE 1. THEY SHALL BE LEVEL WITH THE SIDEWALK GRADE AND FIRMLY BEDED TO PREVENT FUTURE SETTLING. JUNCTION BOXES ARE PREFERRED NOT TO BE INSTALLED IN THE SIDEWALK. THE COVER SHALL BE GALVANIZED AND GROUNDING. THE LETTERS "1" SHALL BE ETCHED ON THE COVER. (SEE CITY STANDARD DETAIL NO. 01.06.01). IF THE JUNCTION BOX IS NOT IN THE SIDEWALK THEN IT SHALL HAVE A CONCRETE COLLAR. IF THE JUNCTION BOX IS IN THE SIDEWALK THEN IT SHALL HAVE A NON-SLIP SURFACE TREATMENT. SEE CITY STANDARD DETAIL NO. 01.06.01.
- CONDUCTORS, WIRES, ETC.
 - WIRE CONDUCTORS FOR UNDERGROUND FEEDER RUNS AND FOR CIRCUITY FROM THE IN-LINE FUSE IN THE POLES TO THE JUNCTION BOX SHALL BE 600 VOLT, SINGLE CONDUCTOR STRANDED COPPER AND INSULATED WITH USE GRADE POLYVINYL CHLORIDE COMPOUND (XLP) OR APPROVED EQUAL IN ACCORDANCE WITH THE INSULATED POWER CABLE ENGINEER'S ASSOCIATION SPECIFICATIONS. AN AWG NO. 8 GREEN INSULATED STRANDED COPPER WIRE WILL BE RUN TO THE SERVICE GROUND LUG ON EACH POLE. FEEDERS SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. WIRES INSIDE THE POLE BETWEEN BALLAST AND IN-LINE FUSES SHALL BE ROME 2C AWG 10 STRANDED POLE AND BRACKET WIRE OR APPROVED EQUAL. SPACES WILL BE ALLOWED IN JUNCTION BOXES AND POLE BASES ONLY. NO MORE THAN 2 CONDUITS WILL BE ALLOWED INSIDE THE STREET POLE.
- FUSES
 - LUMINAIRE FUSING AND ELECTRICAL CONNECTIONS AT LIGHT STANDARD BASES SHALL CONFORM TO SECTION 9-29.7 OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS AND AS SHOWN ON THE UNIFORM LUMINAIRE WIRING DETAIL. IN THE APPENDIX. IN-LINE FUSE HOLDERS SHALL BE SED MODEL 1791-SF WITH PNM-5 FUSES OR APPROVED EQUAL. (REFER TO CITY STANDARD DETAIL NO. 01.06.01)
- LUMINAIRES AND LAMPS
 - RESIDENTIAL STREETS AND NEIGHBORHOOD COLLECTORS. LEXTEK LED CCL-140E-WH-2-300 (91 WATT LED)
 - ARTERIALS AND COMMERCIAL COLLECTORS. 6 EVOLE LED ESC-E-0-100-35-5-40 (130 WATT LED)
 - THE CITY WILL ENERGIZE THE STREET LIGHTS WHEN A HOME IS OCCUPIED ADJACENT TO A STREET LIGHT OR IMMEDIATELY ACROSS THE STREET. AT THE DEVELOPER'S REQUEST, STREET LIGHTS MAY BE ENERGIZED PRIOR TO OCCUPANCY OF HOMES. HOWEVER, THE DEVELOPER OR BUILDER SHALL ASSUME FULL RESPONSIBILITY FOR ELECTRICAL POWER COSTS AND REPAIR COSTS DUE TO VANDALISM, THEFT, OR CONSTRUCTION.
- SAFE WIRING LABELS
 - THE CONTRACTOR IS ADVISED THAT SAFE WIRING LABELS REQUIRED BY LABOR AND INDUSTRIES SHALL APPLY ON THIS PROJECT. (ELECTRICAL INSPECTION STICKER)
- GUARANTEE
 - THE CONTRACTOR SHALL SURRENDER TO THE CITY OF PUYALLUP ANY GUARANTEE OR WARRANTY ACQUIRED BY HIM AS A NORMAL TRADE PRACTICE IN CONNECTION WITH THE PURCHASE OF ANY MATERIALS OR ITEMS USED IN THE CONSTRUCTION OF THE ILLUMINATION.
- LOCATION
 - SEE CITY STANDARD SECTION 01.01 ROADWAY DESIGN.



ILLUMINATION NOTES:

- ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF PUYALLUP PUBLIC WORKS STANDARDS AND WSDOT STANDARDS AND SPECIFICATIONS.
- THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION START.
- UTILITY LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY ILLUMINATION WORK.
- ALL WORK SHALL BE CONSISTENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
- CONDUIT LOCATIONS ARE SHOWN FOR ILLUSTRATIVE PURPOSES. ACTUAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD.
- CONTRACTOR SHALL COORDINATE WITH THE CITY SIGNAL/ILLUMINATION TECHNICIAN AT 253.405.4390 PRIOR TO CONSTRUCTION.
- THE LOCATION OF ALL CONDUITS, JUNCTION BOXES, POLES, AND CABINETS SHOWN ON THIS PLAN MAY BE ADJUSTED IN THE FIELD TO AVOID CONFLICTS AND MEET ADA REQUIREMENTS. ALL FINAL LOCATIONS SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER PRIOR TO CONSTRUCTION.
- JUNCTION BOX LOCATIONS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. JUNCTION BOXES SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH DIRECTION FROM THE CITY.
- CONTRACTOR SHALL ADJUST JUNCTION BOX LOS TO BE FLUSH WITH TOP OF SIDEWALK.
- ANY NEW JUNCTION BOX WHICH WILL BE LOCATED WITHIN OR PARTIALLY WITHIN SIDEWALK SHALL HAVE LIDS AND FRAMES WITH A NON-SLIP COATING ON THE TOP SURFACE EQUAL TO MEBAC1 OR SIGNOT #3.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

STREET LIGHT SPECIFICATIONS

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.05.01

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

STREET LIGHT SPECIFICATIONS (CONT.)

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.05.02

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

TYPICAL STREET LIGHT INSTALLATION

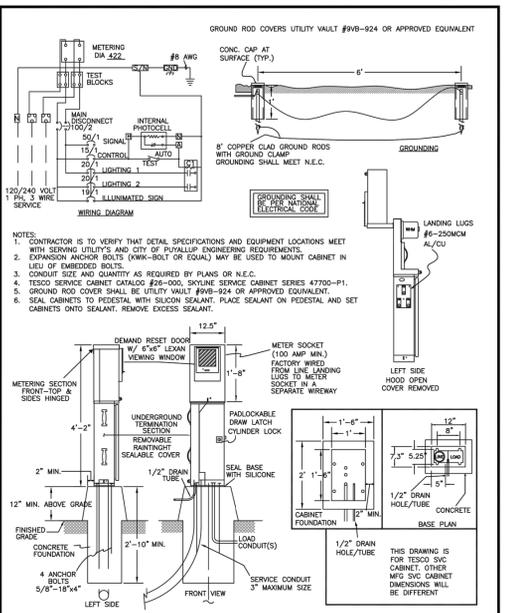
DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.05.03

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

STREET LIGHT

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.05.04

1 STREET LIGHT SPECIFICATIONS SCALENTS



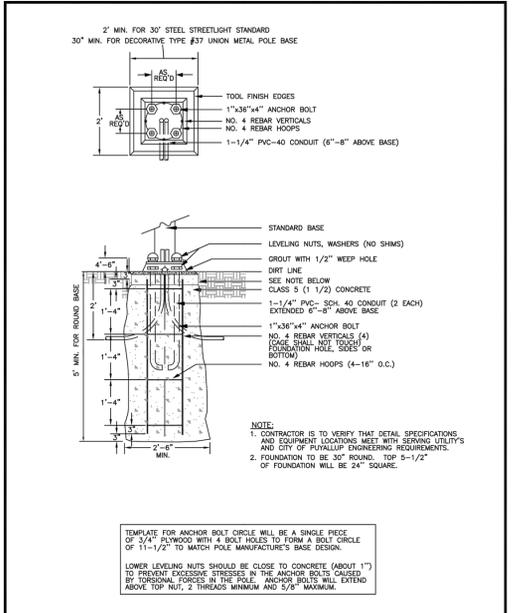
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

STREET LIGHT SERVICE METER CABINET FOUNDATION

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.05.05

5 STREET LIGHT SERVICE METER CABINET FOUNDATION SCALENTS

2 STREET LIGHT SPECIFICATIONS (CONT.) SCALENTS



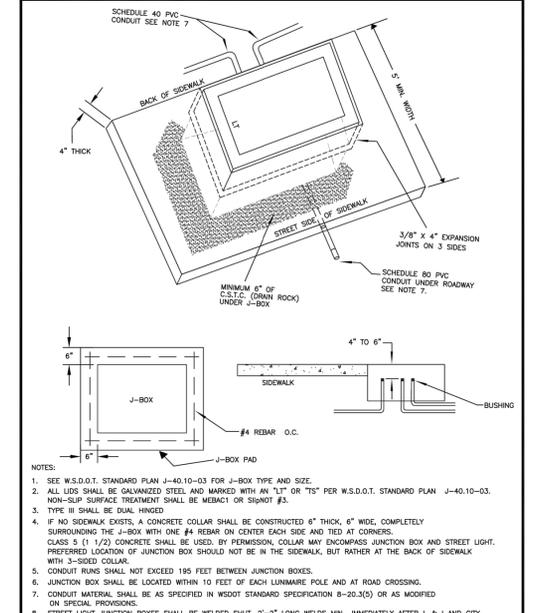
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

CONCRETE STREETLIGHT FOUNDATION TYPICAL

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.05.06

6 CONCRETE STREETLIGHT FOUNDATION TYPICAL SCALENTS

3 TYPICAL STREET LIGHT INSTALLATION SCALENTS



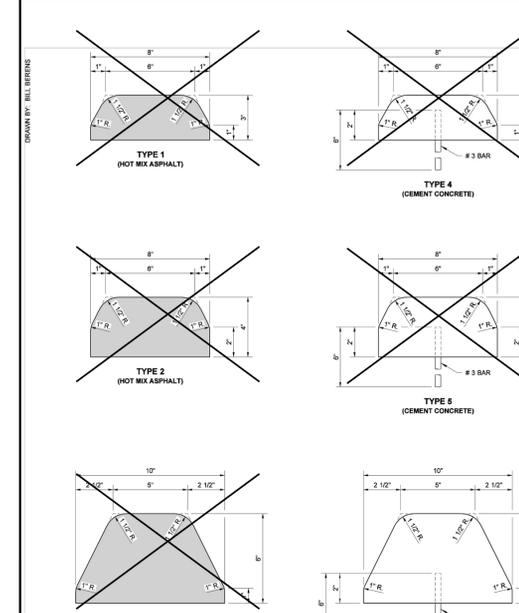
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

JUNCTION BOX

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.06.01

7 JUNCTION BOX SCALENTS

4 STREET LIGHT SCALENTS

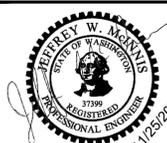


CITY OF PUYALLUP
DEVELOPMENT ENGINEERING AND PUBLIC WORKS DEPARTMENTS

EXTRUDED CURB DETAILS

DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY	DATE	SCALE	CITY
W. MCINNIS	W. MCINNIS	W. MCINNIS	W. MCINNIS	11/25/2025	N.T.S.	01.06.02

8 EXTRUDED CURB DETAILS SCALENTS



DESCRIPTION	INITIAL RELEASE	SECOND RELEASE
DATE	01/24/25	06/23/25
NUM	V1	V2
DESIGNED BY	W. MCINNIS	SCALE N.T.S.
DRAWN BY	J. MCINNIS	CHECKED J. MCINNIS
DATE	11/25/2025	APPROVED J. MCINNIS
JOB NO.	24-166	
SHEET	C10 OF C14	
	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 AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

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202 East 34th Street
Tacoma, Washington 98404

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2401 INTER
NOTES AND DETAILS
2401 INTER AVE SE
PUYALLUP, WA 98372



NUM	DATE	DESCRIPTION
V1	01/24/25	INITIAL RELEASE
V2	06/23/25	SECOND RELEASE

DESIGNED BY W. MCINNIS
SCALE N.T.S.
DRAWN BY W. MCINNIS
CHECKED BY J. MCINNIS
DATE 11/25/2025
APPROVED BY J. MCINNIS

JOB NO. 24-166
SHEET C11 OF C14
C11

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1-800-424-5555 OR 811

PROJECT INFORMATION

ENGINEERED BY	AVINY SCOTT
PRODUCT MANAGER	871-227-0264 AVINY.SCOTT@ADSPIPE.COM
ADS SALES REP	JOE SHEEHY 253-395-8502 JOE.SHEEHY@ADSPIPE.COM
PROJECT NO.	S30928

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 45/75 DESIGNATION SS.
- 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-PR) 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 LOGS.
 - 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, THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 400 LB/FT². THE ASIC IS DEFINED IN SECTION 8.2.2 OF ASTM F2418. AND 3) 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 1.65 FOR DEAD LOAD AND 1.75 FOR LIVE LOADS AS SPECIFIED BY ASTM F2787 AND BY SECTIONS 8.2 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.

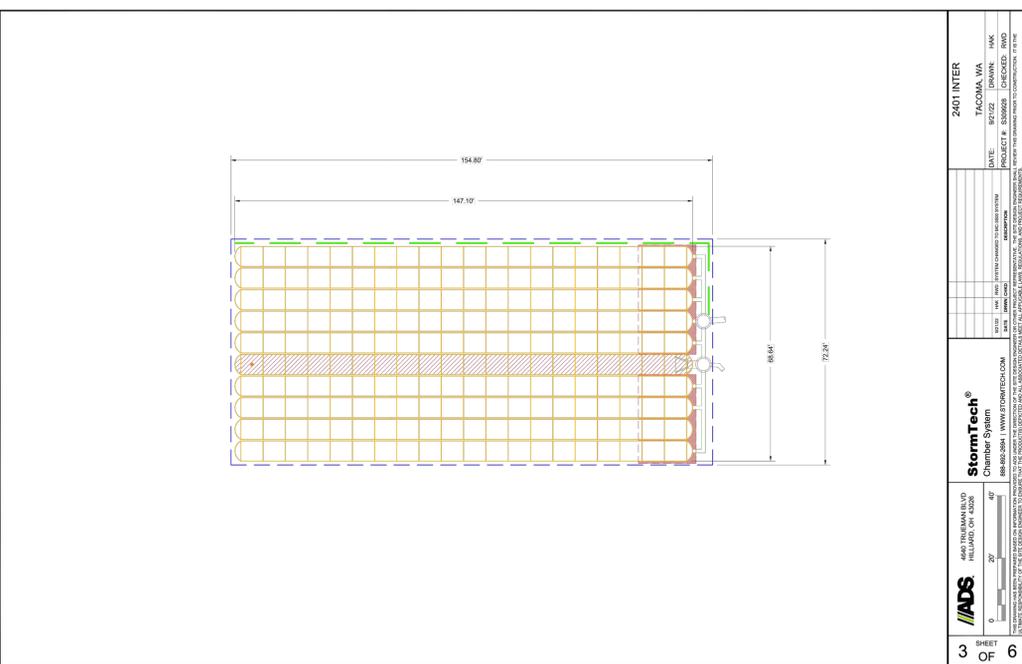
IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-3500 CHAMBER SYSTEM

- 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:
 - STONE/HOOTER 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 CHAMBERS.
- 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 M33 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 "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.
- NO EQUIPMENT IS ALLOWED ON CHAMBERS.
- NO RUBBER Tired LOADER, 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.

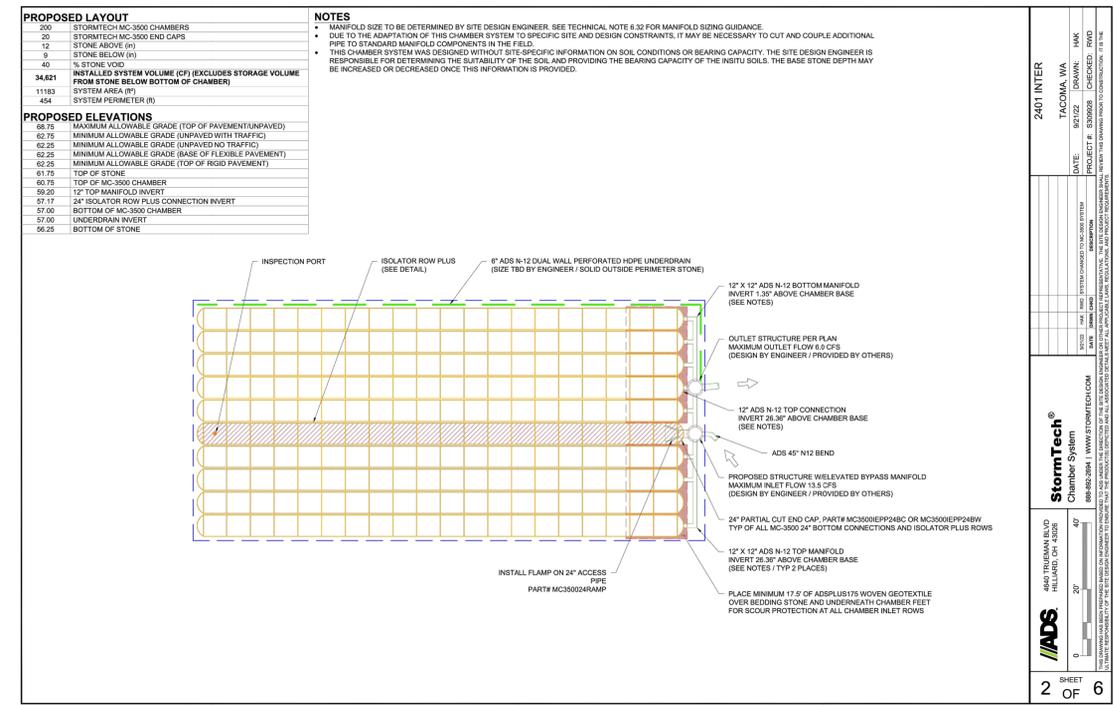
USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-893-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

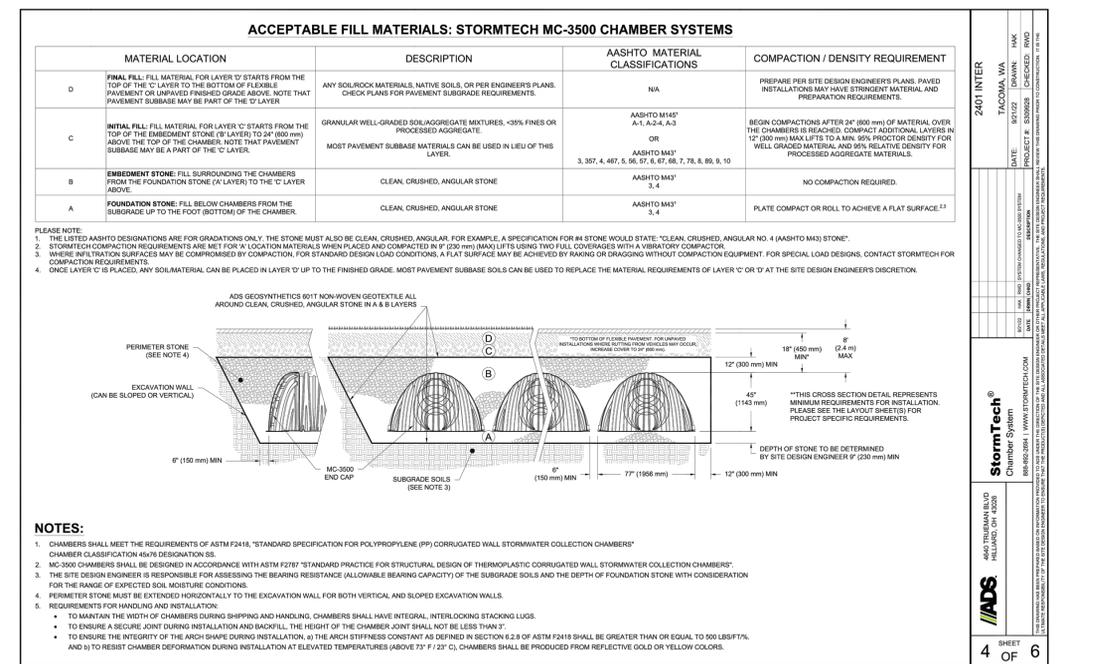
1 STORMTECH DETAIL 1 OF 6
SCALE: NTS



3 STORMTECH DETAIL 3 OF 6
SCALE: NTS



2 STORMTECH DETAIL 2 OF 6
SCALE: NTS



4 STORMTECH DETAIL 4 OF 6
SCALE: NTS

2401 INTER NOTES AND DETAILS

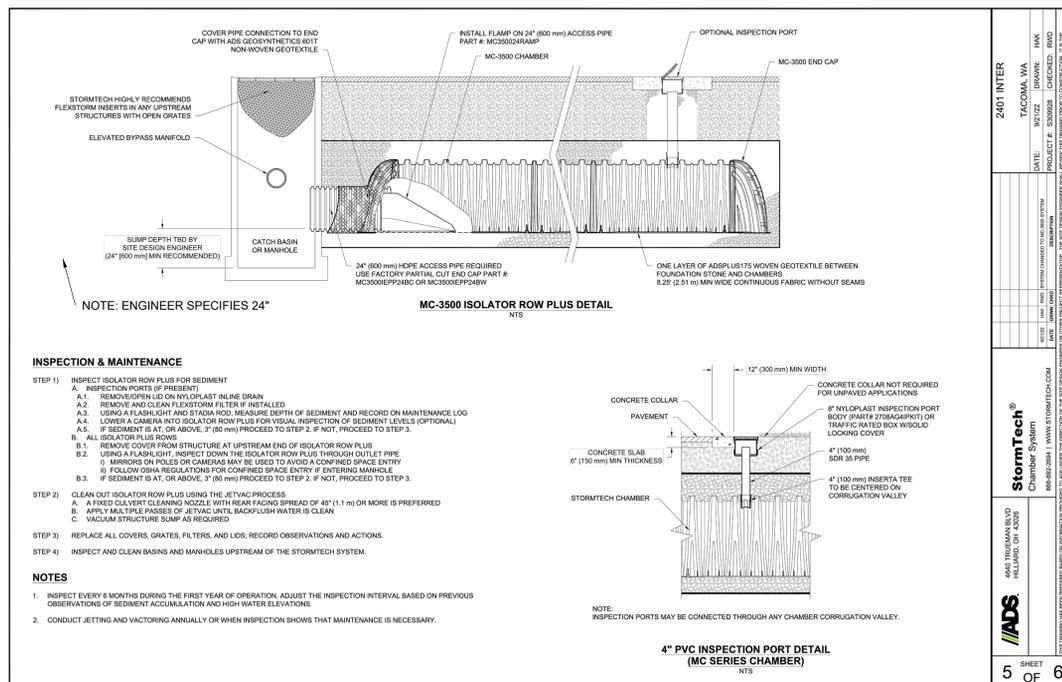
A PORTION OF THE SW 1/4 OF SECTION 26, TOWNSHIP 20 N, RANGE 4 E, W.M. PIERCE COUNTY, WA

APPROVED

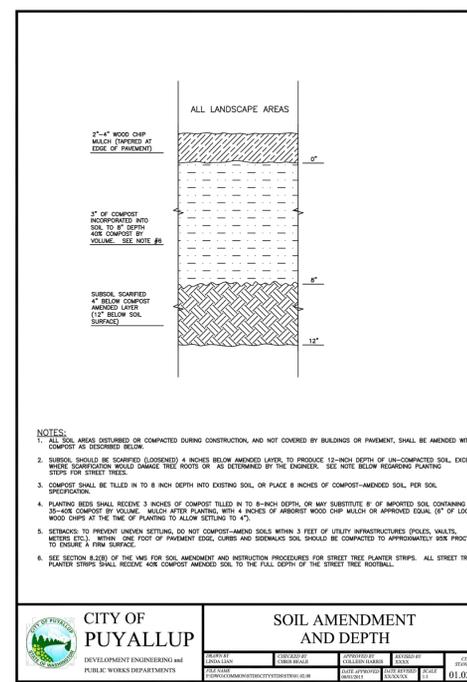
BY CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE

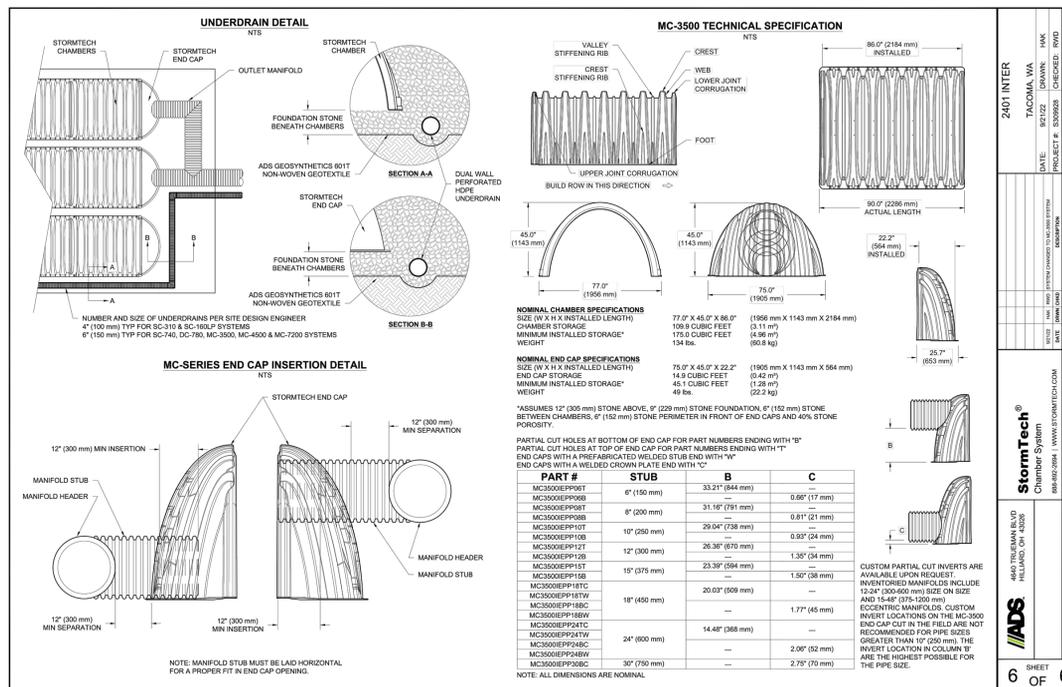
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.



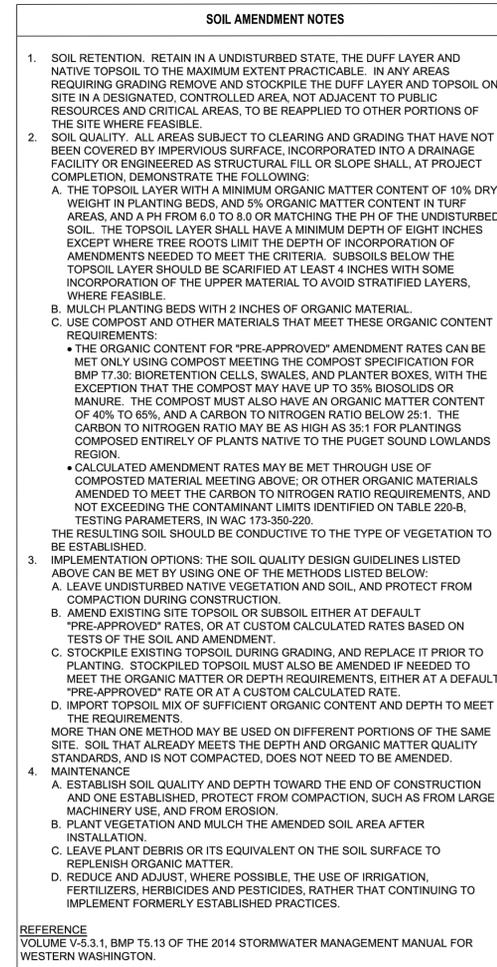
1 STORMTECH DETAIL 5 OF 6
SCALE: NTS



3 SOIL AMENDMENT AND DEPTH
SCALE: NTS



2 STORMTECH DETAIL 6 OF 6
SCALE: NTS



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NOTES AND DETAILS

2401 INTER AVE SE
PUYALLUP, WA 98372



DESCRIPTION	DATE	SCALE
INITIAL RELEASE	01/24/25	N.T.S.
SECOND RELEASE	06/23/25	
DESIGNED BY	W. MCINNIS	CHECKED BY
DRAWN BY	J. MCINNIS	APPROVED BY
DATE	11/25/2025	
JOB NO.	24-166	
SHEET	C12 OF C14	
	C12	

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

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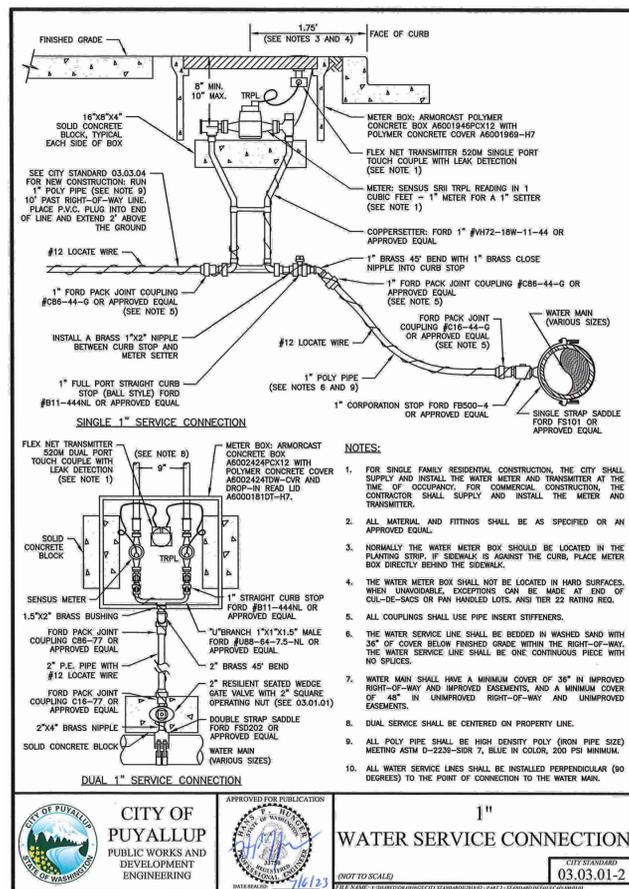
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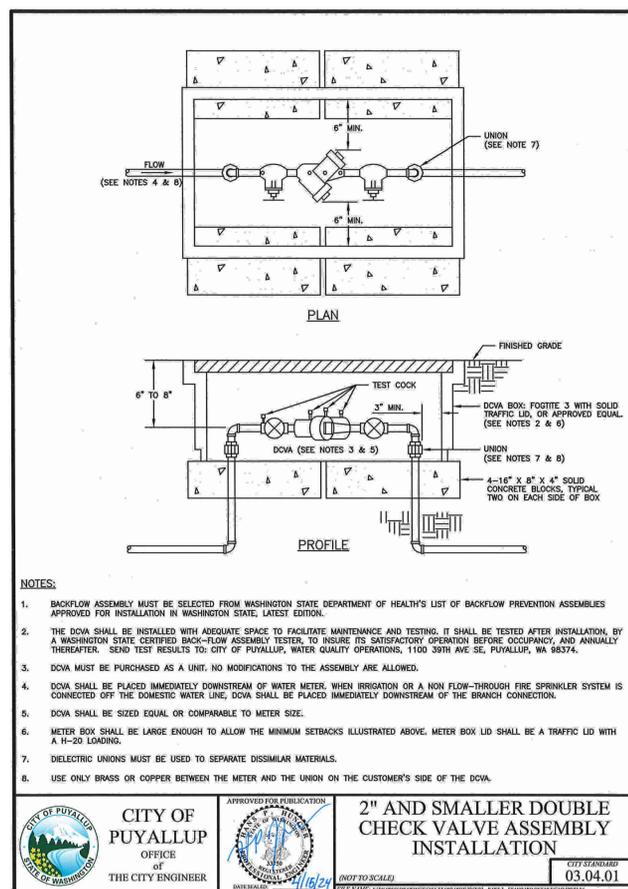
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2401 INTER
NOTES AND DETAILS

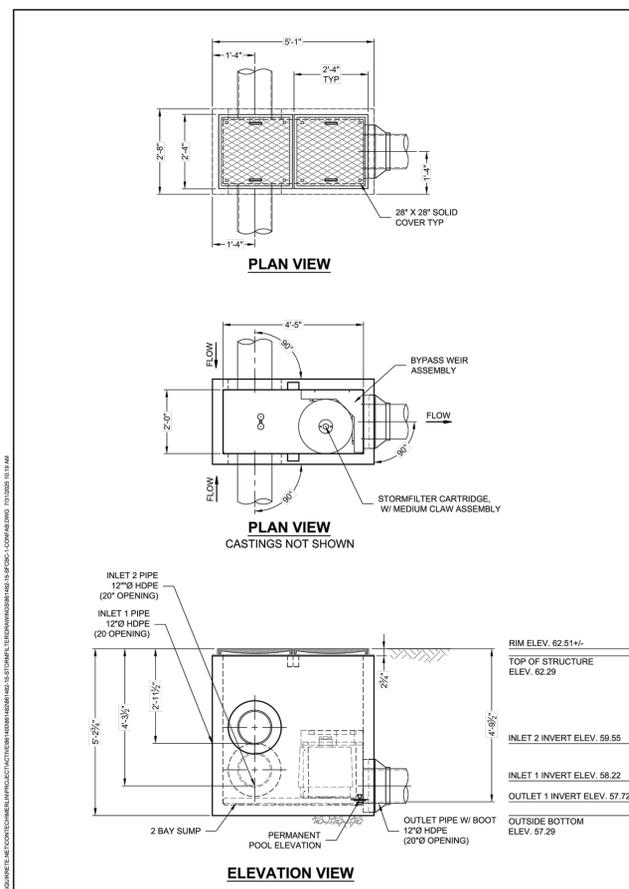
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PUYALLUP, WA 98372



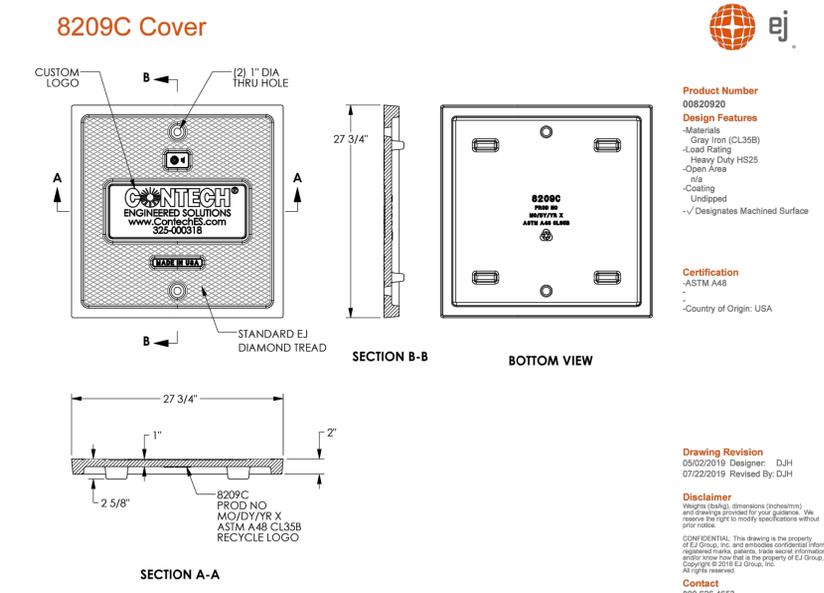
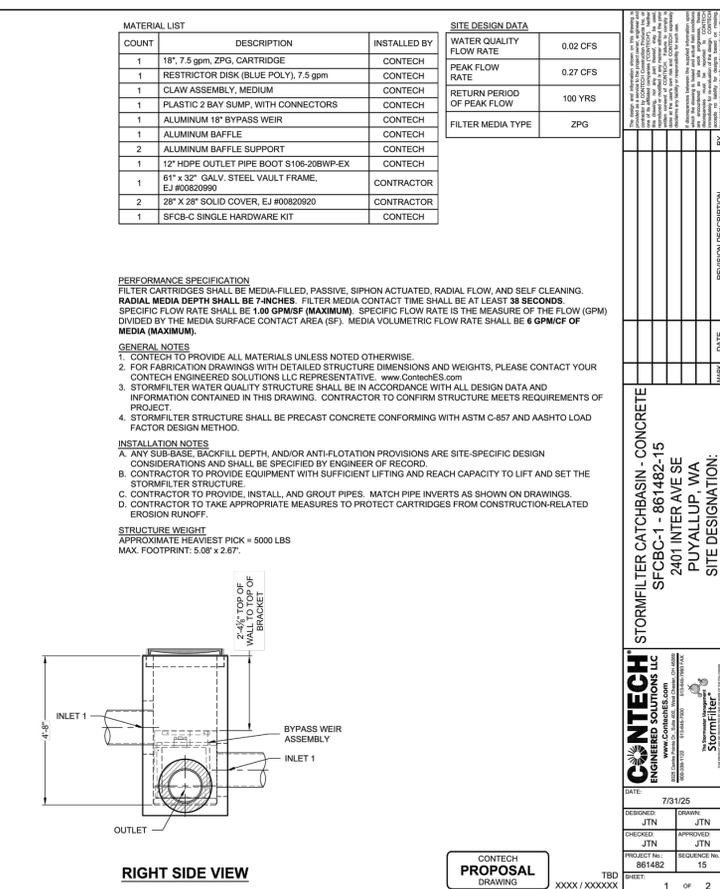
1 1" WATER SERVICE CONNECTION
SCALE: NTS



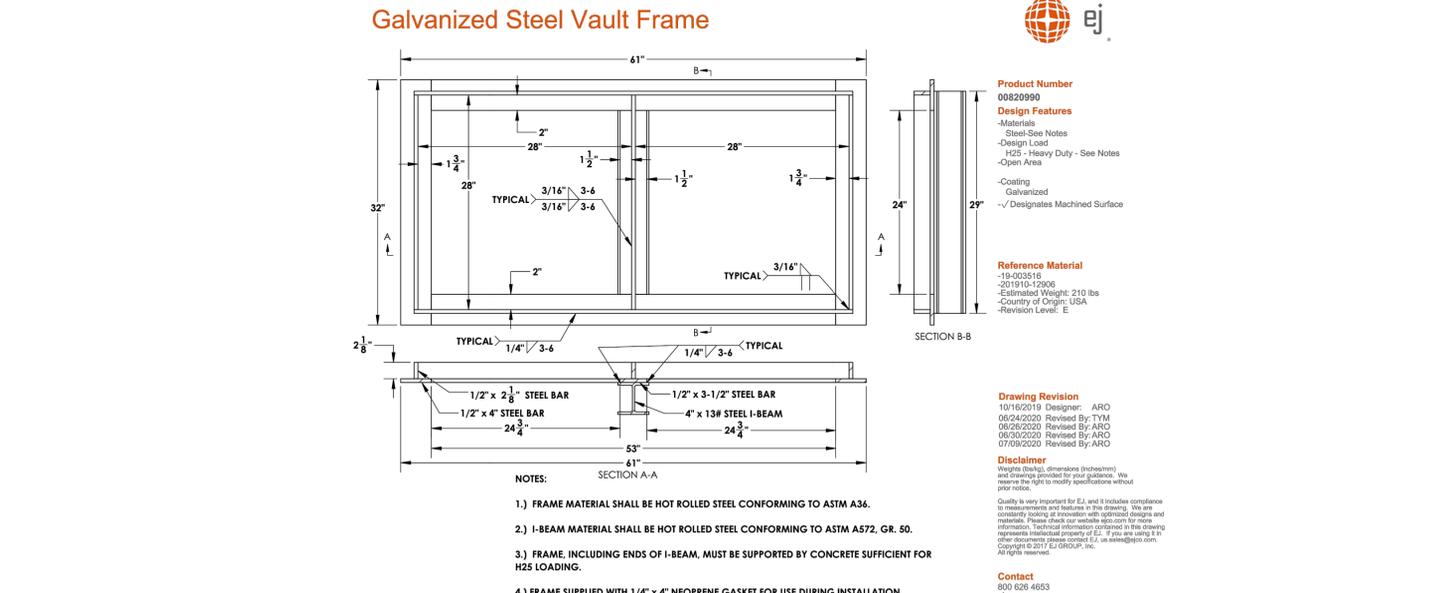
2 2" AND SMALLER DOUBLE CHECK VALVE ASSEMBLY INSTALLATION
SCALE: NTS



3 CONTECH FILTER
SCALE: NTS



4 CONTECH FILTER
SCALE: NTS



5 CONTECH FILTER
SCALE: NTS

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DESCRIPTION	DATE	NUM	SCALE
INITIAL RELEASE	01/24/25	V1	N.T.S.
SECOND RELEASE	06/23/25	V2	N.T.S.
DESIGNED BY			CHECKED BY
W. MCINNIS			J. MCINNIS
DRAWN BY			APPROVED BY
W. MCINNIS			J. MCINNIS
DATE	11/25/2025		
JOB NO.	24-166		
SHEET	C13	OF	C14
	C13		

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
AND/OR OMISSIONS ON THESE
PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
DEVELOPMENT ENGINEERING
MANAGER.

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Tacoma, Washington 98404



**2401 INTER
NOTES AND DETAILS**

**2401 INTER AVE SE
PUYALLUP, WA 98372**



DESCRIPTION	DATE	NUM	DESIGNED	SCALE
INITIAL RELEASE	01/24/25	V1	W. MCINNIS	N.T.S.
SECOND RELEASE	06/23/25	V2	J. MCINNIS	CHECKED
			DATE	APPROVED
			11/25/2025	J. MCINNIS
JOB NO.				
24-166				
SHEET				
C14 OF C14				
C14				

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1-800-424-5555 OR 811

1. SITE INFORMATION:

- TOTAL SITE AREA: 80,436 S.F
- TOTAL SITE PAVED AREA: 57,635 S.F

2. PARKING STALL COUNT FOR RED DOT AND EJ POULTRY

- TOTAL PARKING AREA (TO BACK OF CURB): 29,706 S.F
- TOTAL PAVED AREA: 25,086 S.F
- REQUIRED PARKING STALL COUNT:
 - + CALCULATE: $(29,706/1,000) + 4 + (29,706/10,000) = 36.67$
 - + MINIMUM REQUIRED PARKING STALL COUNT: 37
- PROPOSED PARKING STALL COUNT: 42

3. COMPACT PARKING STALL COUNT:

- 30% TOTAL MINIMUM REQUIRED PARKING STALL COUNT:
 - + CALCULATE: $30\% \times 37 = 11.1$
 - + MINIMUM REQUIRED PARKING STALL COUNT: 12
- + PROPOSED PARKING STALL COUNT: 20

4. TRUCK PARKING:

- TOTAL AREA: 32,978 S.F
- TOTAL PAVED AREA: 32,656 S.F

5. LANDSCAPING REQUIREMENTS:

- INTERNAL LANDSCAPING:
 - + CALCULATE: $5\% \times (25,086 + 32,656) = 2,887$ S.F
 - + MINIMUM REQUIRED: 2,887 S.F
 - + PROPOSED: 4,056 S.F
- PERIMETER LANDSCAPING: 16,870 S.F

Are these breakdown of requirements based off the civil plan set submittal or the landscape site plan submittal? The civil and landscape plan sets are not consistent.

Planning asked that the landscape requirements for Red Dot and EJ Poultry be counted separately since Red Dot they are separate uses.

This table should also be included on the landscape site plan versus the civil plan set.

[civil plans, C14]