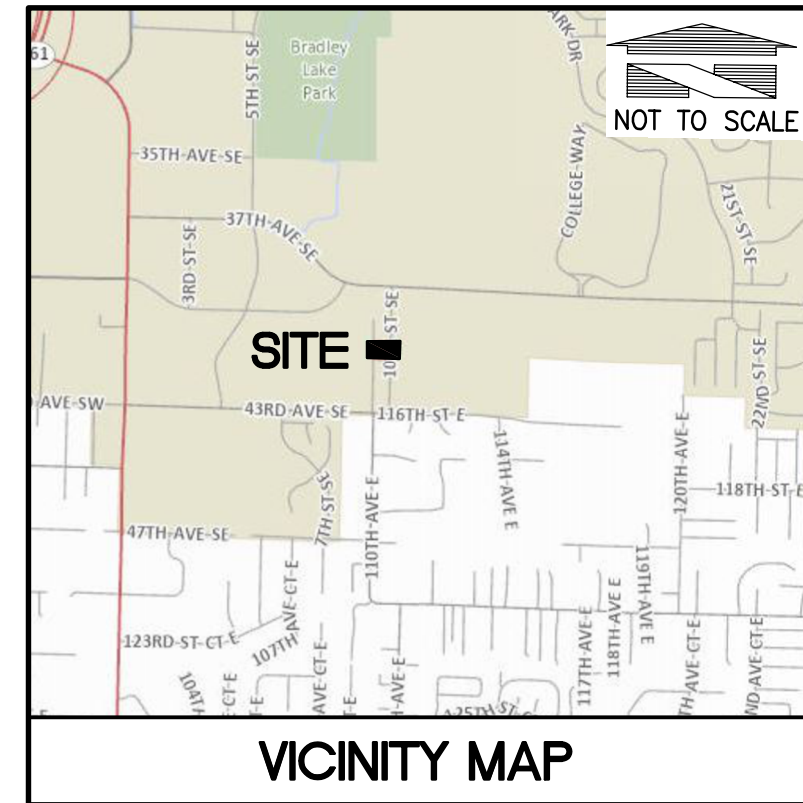
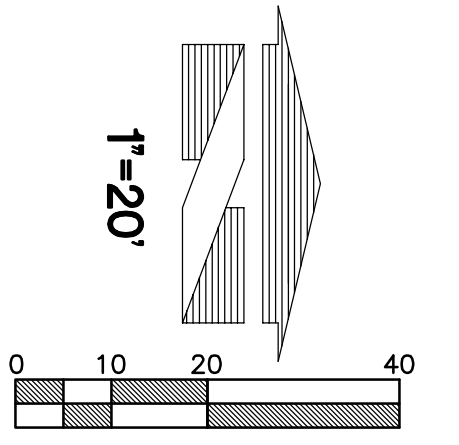
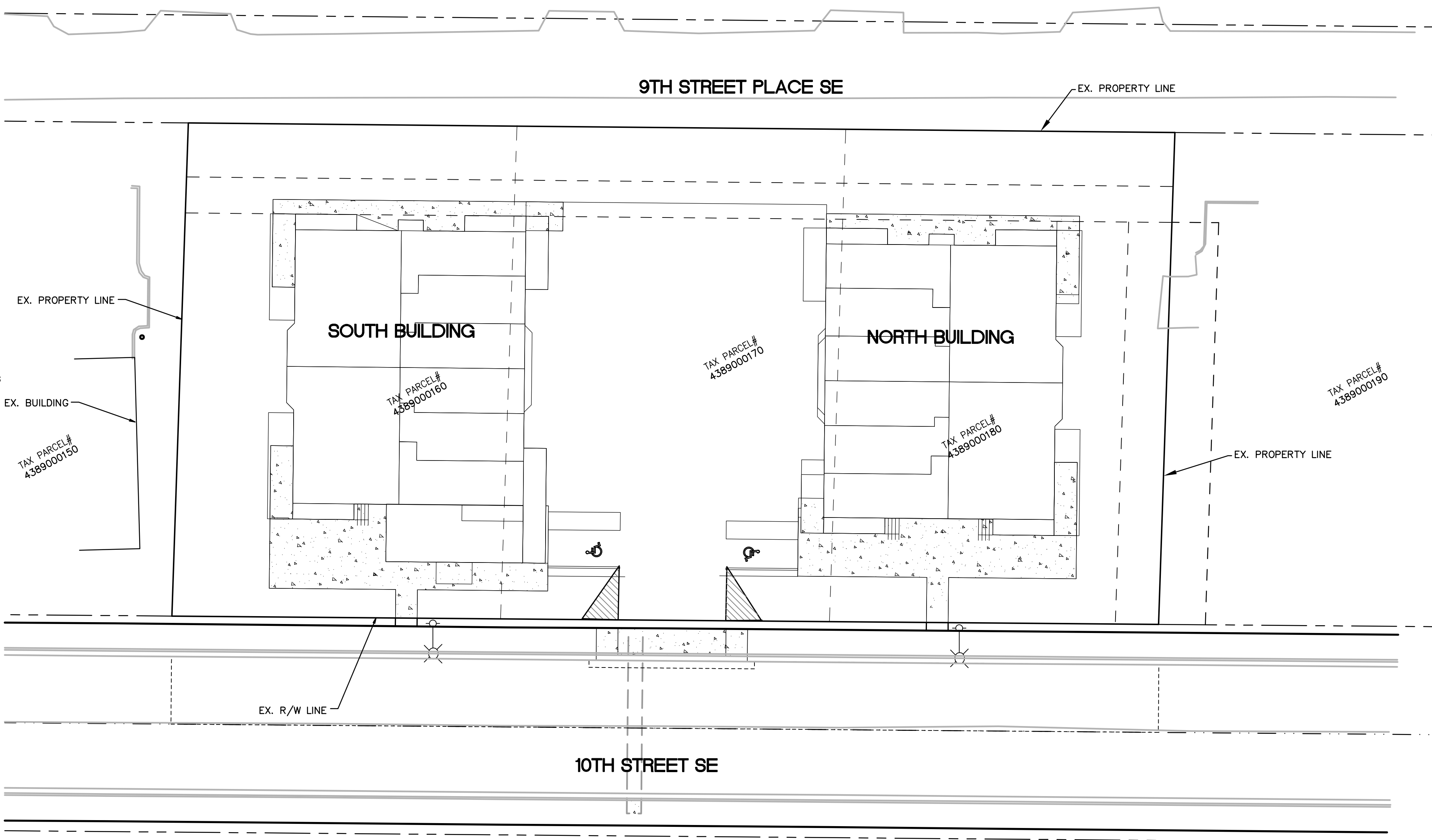


COPPERBERRY CONDOMINIUMS COVER SHEET



GENERAL SITE DEVELOPMENT NOTES:

- THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.
- CONTRACTOR SHALL ASSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE UTILITIES WITH EVIDENCE OF THEIR INSTALLATION VISIBLE AT GROUND SURFACE OR SHOWN ON RECORD DRAWING PROVIDED BY OTHERS ARE SHOWN HEREON. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. SOME UNDERGROUND LOCATIONS SHOWN HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. TEBALDI ENGINEERING, LLC ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS OR RECORDS OF OTHERS. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT TEBALDI ENGINEERING, LLC, TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
- INSPECTION OF SITE WORK WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE AUTHORITY HAVING JURISDICTION. INSPECTION OF PRIVATE FACILITIES WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR OF THE AUTHORITY HAVING JURISDICTION 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY THE CONTRACTOR SHALL CONTACT THE AGENCY AND/OR UTILITY INSPECTION PERSONNEL AND ARRANGE ANY REQUIRED PRE-CONSTRUCTION MEETING(S). CONTRACTOR SHALL PROVIDE 72 HRS MIN. ADVANCE NOTIFICATION TO OWNER, FIELD ENGINEER AND ENGINEER OF PRE-CONSTRUCTION MEETINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR WORKER AND SITE SAFETY AND SHALL COMPLY WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED.
- PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ALL ADJACENT PUBLIC AND PRIVATE PROPERTIES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITY SERVICES THAT ARE TO REMAIN OPERATIONAL WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
- STRUCTURAL BMPs MUST BE ACCESSIBLE FOR INSPECTION BY THE AUTHORITY HAVING JURISDICTION DURING REGULAR BUSINESS HOURS.
- TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. ONE (1) SET WITH RECORDS OF AS-BUILT INFORMATION SHALL BE SUBMITTED TO TEBALDI ENGINEERING, LLC AT COMPLETION OF PROJECT.



UTILITIES:

WATER:
FRUITLAND MUTUAL WATER COMPANY
4001 9TH ST SW
PUYALLUP, WA 98373
PHONE: (253) 848-5519

SEWER:
CITY OF PUYALLUP
333 S. MERIDIAN
PUYALLUP, WA 98371
(253) 841-4321

CABLE:
XFINITY
PHONE (800) 266-2278

POWER:
PUGET SOUND ENERGY
PHONE (888) 321-7779

GAS:
PUGET SOUND ENERGY
PHONE (888) 321-7779

TELEPHONE:
CENTURYLINK
PHONE (866) 415-2950

PROJECT TEAM:

ARCHITECT:
PACIFIC HOME SOURCE
PHONE: (253) 312-5523
CONTACT: GABE SPRUELL

ENGINEER:
TEBALDI ENGINEERING, LLC
P.O. BOX 121
SUMNER, WA 98390
PHONE: (206) 450-5096
EMAIL: CHRIS@TEBALDIENGINEERING.COM
CONTACT: CHRIS TEBALDI, P.E.

SURVEYOR:
LEROY SURVEYORS AND ENGINEERS
PO BOX 740
PUYALLUP, WA 98371

GEOTECHNICAL ENGINEER:
LEROY SURVEYORS AND ENGINEERS
PO BOX 740
PUYALLUP, WA 98371

OWNER:
BRCF
1002 39TH AVENUE SW, SUITE 104
PUYALLUP, WA 98373

BASIS OF BEARING:

BASIS OF BEARINGS: N 01°19'57" E
ALONG THE CENTERLINE OF 32nd AVE S
BASED ON THE GPS OBSERVATION OF EXISTING
MONUMENTS AND TIES TO MONUMENTS.
SEE RECORD OF SURVEY UNDER
REC. NO. 20160728900015.



Know what's below.
Call before you dig.
Dial 811
(1-800-424-5555)

BENCHMARK:

VERTICAL DATUM: NAVD88

LEGAL DESCRIPTION:

PER QUIT CLAIM DEED RECORDED UNDER AUDITOR'S FILE NUMBER 20160615000759, RECORDS OF KING COUNTY, WASHINGTON.

NORTH 15 FEET OF LOT 10 AND ALL OF LOT 11, TURNER BELL ADDITION, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 40 OF PLATS, PAGE 19, RECORDS OF KING COUNTY, WASHINGTON.

EXISTING TOPOGRAPHY/SURVEY INFORMATION NOTE:

THESE DRAWINGS HAVE BEEN PREPARED BASED ON TOPOGRAPHIC SURVEY PREPARED BY LEROY SURVEYORS AND ENGINEERS.

TEBALDI ENGINEERING, LLC DOES NOT WARRANT THAT THE TOPOGRAPHY SHOWN ON THESE DRAWINGS IS REPRESENTATIVE OF WHAT IS CONSTRUCTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER TO HAVE ALL IMPROVEMENTS FIELD VERIFIED PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO WORK.

SITE DATA:

ADDRESS: 4002, 4010 AND 4018 10TH STREET SE
PUYALLUP, WA 98374

APN: 4389000160, -0170, -0180

PROJECT AREA SUMMARY:

TOTAL SITE AREA = 37,501 SF
TOTAL DISTURBED AREA = 31,124 SF
NORTH BUILDING ROOF AREA=5,739 SF
SOUTH BUILDING ROOF AREA=6,343 SF
PROPOSED DRIVEWAY=8,259 SF
PROPOSED WALKWAY=3,037 SF
TOTAL PROPOSED IMP. AREA=23,378 SF
TOTAL PROPOSED PERVIOUS AREA=7,746 SF

GRADING QUANTITIES

CUT: 200 CY
FILL: 1,400 CY
CUT/FILL BALANCE: 200 CY
NET IMPORT/EXPORT: 1,200 CY IMPORT

EARTHWORK QUANTITIES ARE APPROXIMATE.
CONTRACTOR TO VERIFY EARTHWORK QUANTITIES PRIOR TO CONSTRUCTION.

CIVIL SHEET INDEX:

- C1 COVER SHEET
- C2 TESC PLAN
- C3 GRADING PLAN
- C4 STORM DRAINAGE PLAN
- C5 SANITARY SEWER PLAN
- C6 NOTES AND DETAILS
- C7 NOTES AND DETAILS
- C8 NOTES AND DETAILS
- C9 NOTES AND DETAILS
- C10 NOTES AND DETAILS

W1 WATER PLAN

STREET LIGHT PLANS

TOPOGRAPHIC SURVEY

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES FOR REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITY, PURSUANT TO WAC 332-120. APPLICATIONS MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR. APPLICATIONS FOR PERMITS TO REMOVE MONUMENTS MAY BE OBTAINED FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, OR BY CONTACTING THEIR OFFICE BY TELEPHONE AT (206) 902-1190.

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
PUBLIC LAND SURVEY OFFICE
1111 WASHINGTON STREET S.E.
P.O. BOX 47060
OLYMPIA, WASHINGTON 98504-7060

UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR, AT THE COST AND AT THE DIRECTION OF THE CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL HAVE ALL PROPERTY LINES, CURB, SIDEWALK, STRUCTURES, CONCRETE PADS AND ANY OTHER ABOVE GROUND PERMANENT STRUCTURE DEPICTED ON THESE PLANS STAKED FOR CONSTRUCTION BY A LICENSED SURVEYOR. LICENSED SURVEYOR SHALL STAKE ALL ITEMS USING COORDINATE GEOMETRY (RECTIFIED TO SITE CONTROL) CONTAINED IN CAD DRAWING FILES PROVIDED BY TEBALDI ENGINEERING, LLC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RETRIEVE LATEST CAD FILES FROM THE ENGINEER REFLECTING ANY ISSUED PLAN REVISIONS. THE ENGINEER SHALL IMMEDIATELY BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL NOTIFY TEBALDI ENGINEERING, LLC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

CITY OF PUYALLUP
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

FIRE HYDRANT/FDC LOCATION/ACCESS APPROVED

BY: *Daniel Duda*
CITY OF PUYALLUP
FIRE CODE OFFICIAL

DATE: 08/10/2023

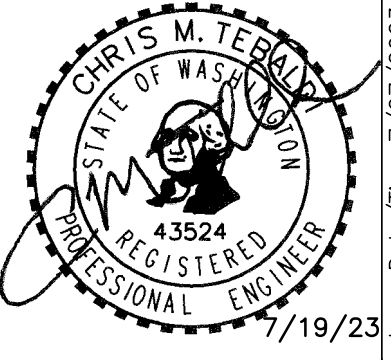
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE FIRE CODE OFFICIAL.

APPROVED

BY: *James Collins*
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE: 08/10/2023

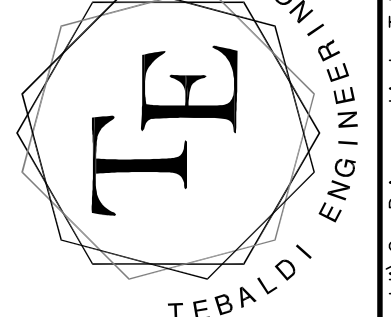
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FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.



Scale: Horizontal 1"=20', Vertical N/A

Designed	CMT	
Drawn	CMT	
Checked	CMT	
Approved	CMT	
Date		7/19/23

P.O. BOX 121
SUMNER, WA 98390
(206) 450-5096
TEBALDIENGINEERING.COM



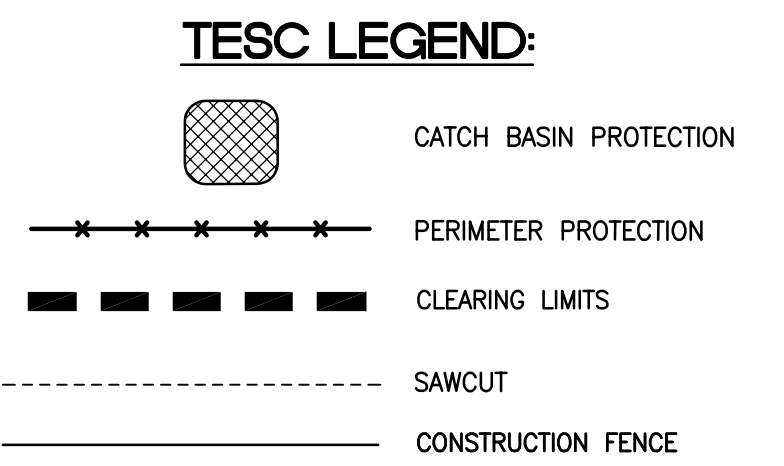
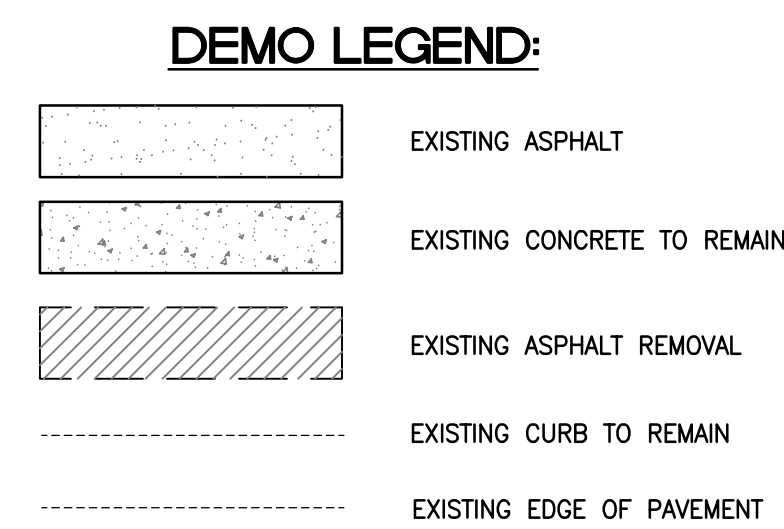
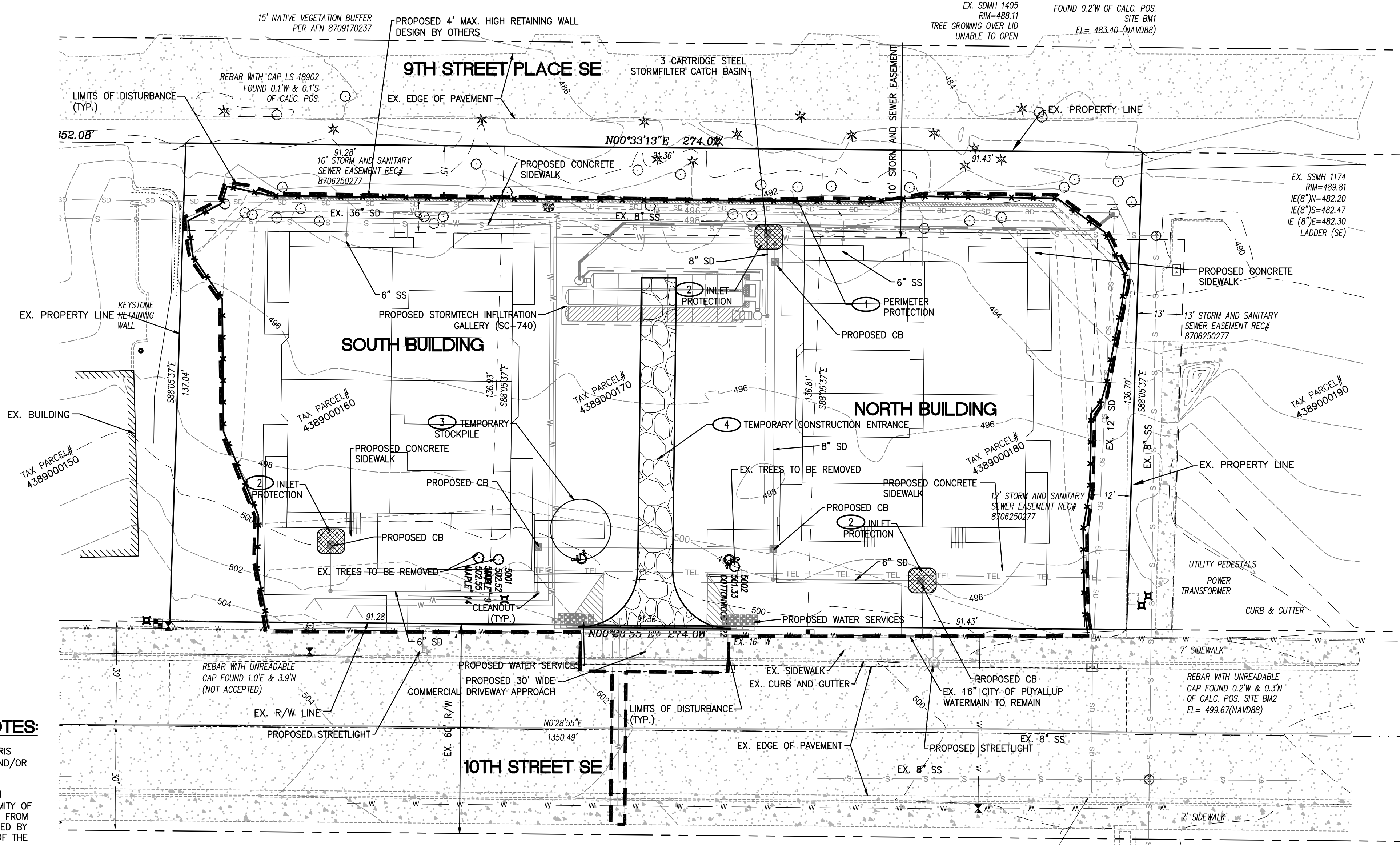
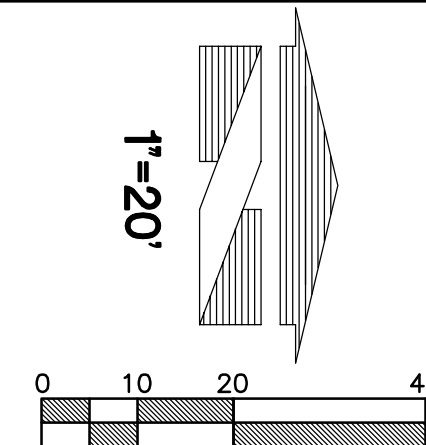
Job Number: COPPER
Sheet: C1 of 10

No.	Date	By	Ckd.	Appr.	Revised Per City Comments
3	7/19/23	CMT			
2	6/10/23	CMT			
1	4/8/23	CMT			

For:
BRCF
1002 39TH AVENUE SW, SUITE 104
PUYALLUP, WA 98373
CONTACT: BILL RILEY (253) 881-3033

Title:
COVER SHEET
COPPERBERRY CONDOMINIUMS
4002, 4010, 4018 10TH STREET E
PUYALLUP, WA 98374

A PORTION OF SECTION 10, TOWNSHIP 19N, RANGE 4E, W.M., PIERCE COUNTY
COPPERBERRY CONDOMINIUMS
TESC PLAN



EROSION CONTROL CALLOUTS:

- CONTRACTOR TO INSTALL SILT FENCE AROUND PERIMETER OF SITE AS REQUIRED TO PREVENT SILT-LADEN RUNOFF FROM LEAVING SITE, AND AS DIRECTED BY INSPECTOR. SEE DETAIL ON SHEET C7.
- CONTRACTOR TO INSTALL STORM DRAIN INLET PROTECTION AT ALL DOWNSTREAM INLET LOCATIONS AS REQUIRED TO PREVENT SILT-LADEN WATER FROM ENTERING STORM DRAINAGE SYSTEM. SEE DETAIL ON SHEET C7.
- TEMPORARY STOCKPILE LOCATION. ADJUST SIZE AND LOCATION OF AREA AS NEEDED DURING CONSTRUCTION.
- CONSTRUCTION ENTRANCE. SEE DETAIL ON SHEET C7.

CONSTRUCTION SEQUENCE

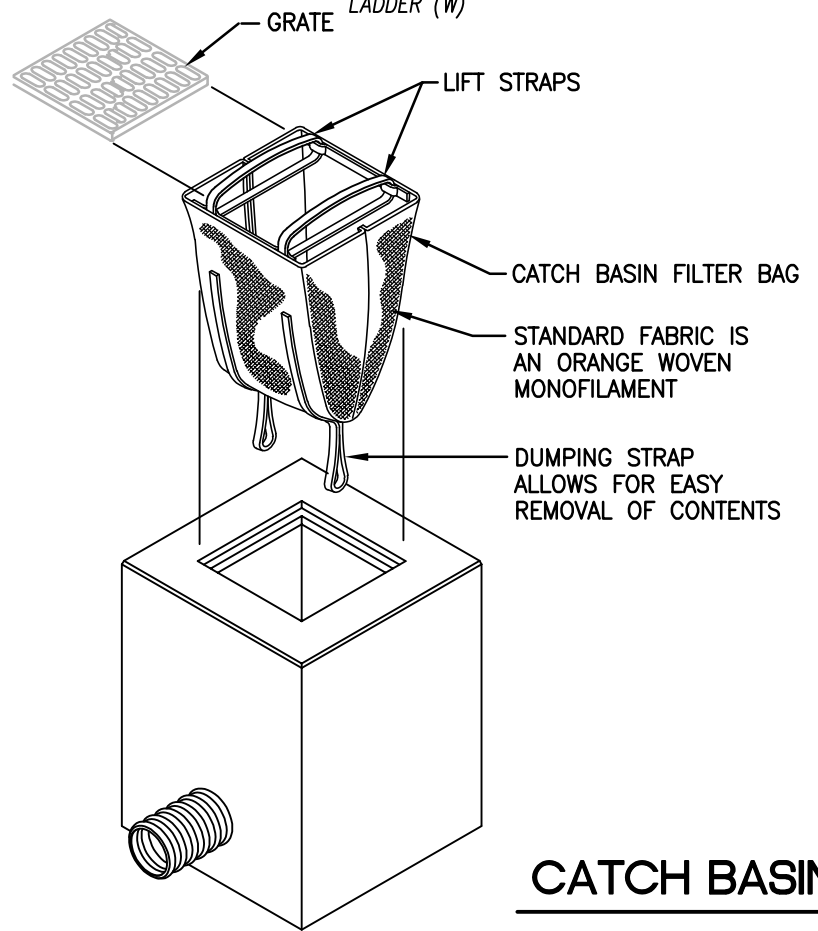
- FLAG ALL DISTURBED AND/OR CLEARING LIMITS.
- CALL THE UTILITY LOCATE SERVICE TO VERIFY LOCATION OF ANY EXISTING UTILITIES TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION.
- IDENTIFY AND PROTECT ALL EXISTING VEGETATION TO REMAIN, AS REQUIRED.
- PERFORM CLEARING AND GRADING REQUIRED FOR INSTALLATION OF PERIMETER CONTROLS.
- INSTALL PERIMETER RUNOFF CONTROLS INCLUDING SILT FENCING AND CONSTRUCTION FENCING.
- INSTALL STORM DRAINAGE PROTECTION.
- CLEAR AND STABILIZE CONSTRUCTION ACCESS, IF REQUIRED.
- COMPLETE ALL REQUIRED STOCKPILING, SITE CLEARING, AND GRADING.
- INSTALL SITE UTILITIES.
- COMPLETE SITE PAVING.
- COMPLETE FINAL GRADING, STABILIZATION, AND LANDSCAPING.
- REMOVE SEDIMENT AND EROSION CONTROL MEASURES.

HAULING/SILTATION CONTROL NOTES:

- PUBLIC STREETS ARE TO BE KEPT CLEAN OF DIRT AND DEBRIS GENERATED BY WORK. CLEANUP SHALL BE BY SWEEPING AND/OR OTHER APPROVED METHODS ON A DAILY BASIS.
- CONTRACTOR SHALL PROVIDE SILT BAGS OR OTHER SILTATION CONTROL MEASURES ON EXISTING CATCH BASIN(S) IN PROXIMITY OF WORK WHICH HAVE POTENTIAL TO RECEIVE SURFACE RUNOFF FROM THE WORK AREA OR ANY LOCATIONS THAT MAY BE DESIGNATED BY THE AUTHORITY HAVING JURISDICTION DURING THE COURSE OF THE WORK.
- EFFORTS SHALL BE MADE DURING CONSTRUCTION ACTIVITIES TO STABILIZE ALL DISTURBED AREAS AS QUICKLY AS POSSIBLE TO MINIMIZE EROSION.
- ITEMS FOR DEMOLITION ARE DEPICTED PER DESIGN DRAWINGS. CONTRACTOR TO VERIFY AND LOCATE ANY ITEMS FOR DEMOLITION PRIOR TO START OF CONSTRUCTION AND NOTIFY BARGHAUSEN CONSULTING ENGINEERS, INC. IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR TO REVIEW AS-BUILT DRAWINGS IN PROJECT AREA AND REMOVE AND/OR RELOCATE ANY SITE APPURTENANCES IN PROJECT AREA THAT IMPACT THE PROJECT.

BMP MAINTENANCE NOTES:

- AREAS TO BE CLEARED, GRUBBED, AND EXPOSED AT ONE TIME SHALL BE KEPT TO THE SMALLEST AREA POSSIBLE.
- TEMPORARY GROUND COVER SHALL BE PLANTED OR A FILL TACKIFIER SPREAD OVER EXPOSED AREAS NOT BEING WORKED ON FOR 14 DAYS.
- TEMPORARY EROSION CONTROLS SHOULD NOT BE REMOVED BEFORE PERMANENT EROSION CONTROLS ARE IN-PLACE AND ESTABLISHED.
- ALL MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY SAFETY MOVING OPERATIONS ARE INITIATED.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE CHECKED AND UPDATED, AS NEEDED, AT THE END OF EACH WORK WEEK AND IMMEDIATELY FOLLOWING EACH RAIN EVENT.



INSTALLATION AND MAINTENANCE GUIDELINES:

INSTALLATION: REMOVE THE GRATE FROM CATCH BASIN. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLION IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE CATCH BASIN FILTER BAG SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY BAG. IF THE CONTAMINANT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.

CATCH BASIN FILTER BAG

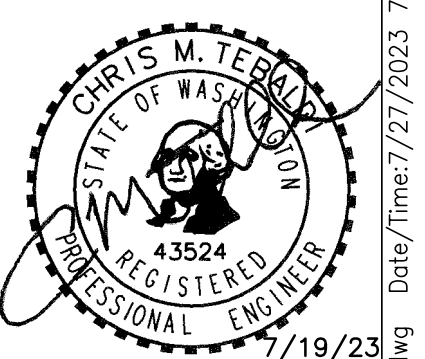
NOT TO SCALE



UTILITY CONFLICT NOTE:
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT THE ENGINEER TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

TESC PLAN
COPPERBERRY CONDOMINIUMS
 4002, 4010, 4018 10TH STREET E
 PUYALLUP, WA 98374

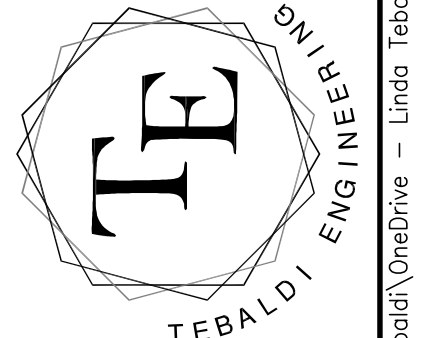
For:
BRCF
 1002 39TH AVENUE SW, SUITE 104
 PUYALLUP, WA 98373
 CONTACT: BILL RILEY (253) 881-3033



Scale: Horizontal 1"=20' Vertical N/A

Designed	CMT
Drawn	CMT
Checked	CMT
Approved	CMT
Date	7/1/22

P.O. BOX 121
 SUMNER, WA 98390
 (206) 450-5096
 TEBALDIENGINEERING.COM
 077



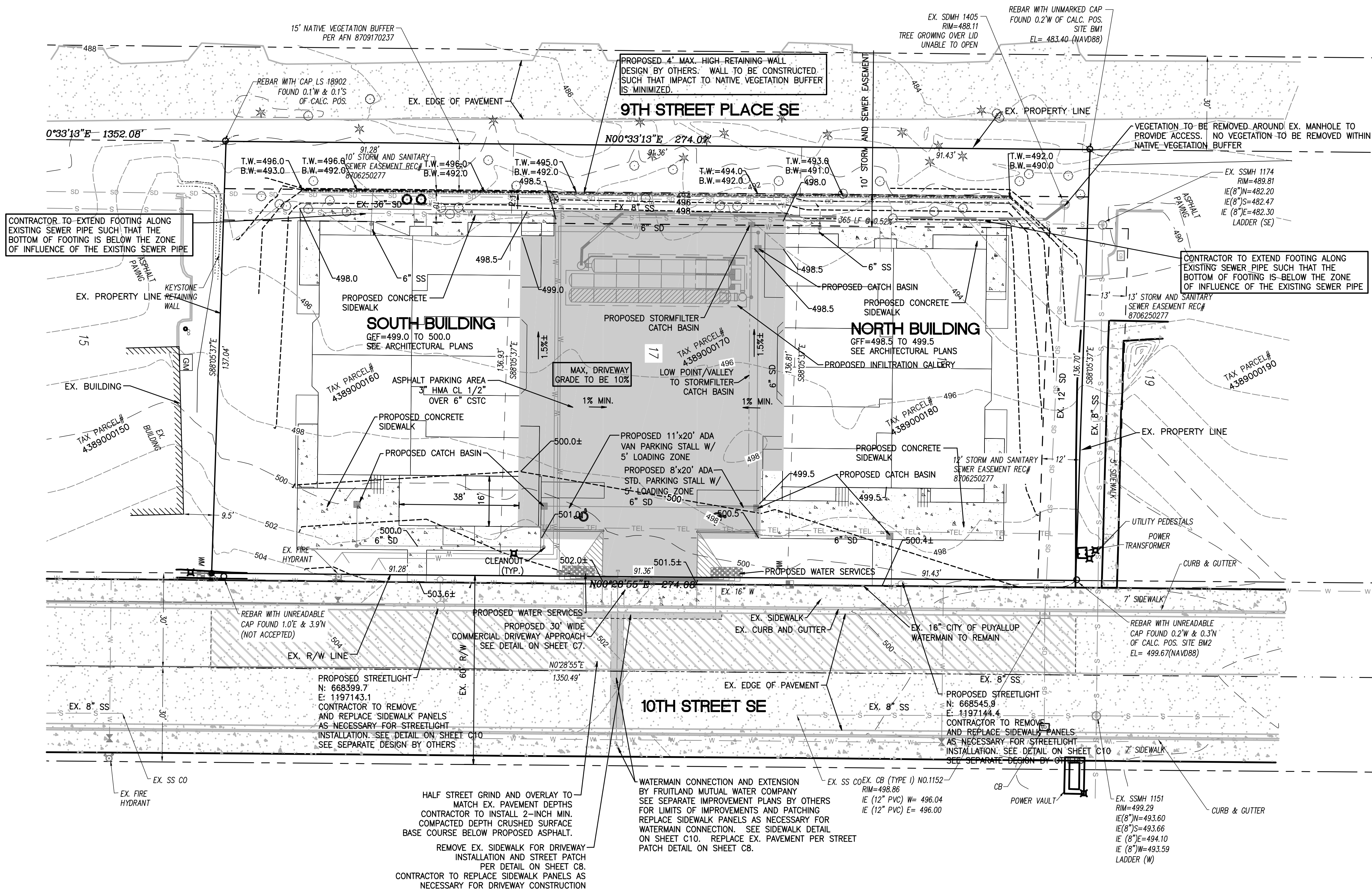
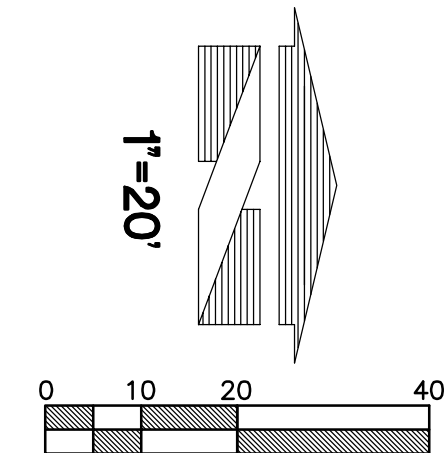
Job Number: **COPPER**
 Sheet: **C2** of **10**

APPROVED
 BY: *[Signature]*
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE: **08/10/2023**

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT
 Building Planning
 Engineering Public Works
 Fire Traffic

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.

A PORTION OF SECTION 10, TOWNSHIP 19N, RANGE 4E, W.M., PIERCE COUNTY
COPPERBERRY CONDOMINIUMS
GRADING PLAN



LEGEND
EXISTING

[Symbol]	EXISTING ASPHALT
[Symbol]	EXISTING CONCRETE
[Symbol]	EXISTING CURB
[Symbol]	EXISTING EASEMENT
[Symbol]	EXISTING EDGE OF PAVEMENT
[Symbol]	EXISTING STORM DRAIN
[Symbol]	EXISTING SEWER LINE
[Symbol]	EXISTING UNDERGROUND WATER LINE
[Symbol]	EXISTING UNDERGROUND TELEPHONE LINE
[Symbol]	EXISTING UNDERGROUND POWER
[Symbol]	EXISTING STORM DRAIN CATCH BASIN
[Symbol]	EXISTING CONTOUR
[Symbol]	EXISTING SPOT ELEVATION

NOTES:

1. ALL GRADING AND PUBLIC IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF THE CURRENT CITY ORDINANCE AND STANDARD PLANS.
2. ALL SPOT ELEVATIONS SHOWN ARE TO FINISH SURFACE (TOP OF ASPHALT OR TOP OF CONCRETE PAD) UNLESS OTHERWISE NOTED.

UTILITY SEPARATION NOTE:

PROVIDE A MINIMUM OF 42" OF COVER FOR ALL WATER SERVICE LINES.

PROVIDE MINIMUM 1.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND SEWER SERVICE LINES.

PROVIDE MINIMUM 0.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND STORM DRAIN LINES.

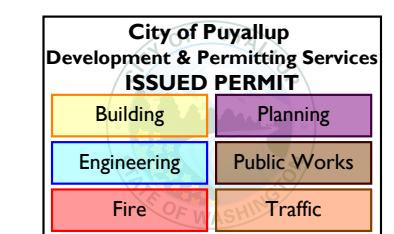
CONTRACTOR SHALL POTHOLE EX. UTILITIES PRIOR TO CONSTRUCTION TO ENSURE PROPER SEPARATION CAN BE MET.

EXISTING SIDEWALK NOTE:

CONTRACTOR TO VERIFY EXISTING SIDEWALK IS ADA COMPLIANT DURING CONSTRUCTION. ANY PORTIONS OF SIDEWALK THAT ARE MORE THAN 2% CROSS SLOPE SHALL BE REMOVED AND REPLACED TO LESS THAN 2% MAXIMUM CROSS SLOPE.

811 Know what's below.
 Call before you dig.
 Dial 811
 Or Call 1-800-424-5555

UTILITY CONFLICT NOTE:
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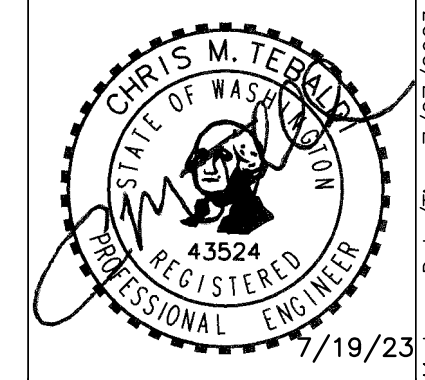


APPROVED
 BY: [Signature]
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
08/10/2023
 DATE

NOTE: THIS APPROVAL IS VOID AFTER 30 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.

GRADING PLAN
COPPERBERRY CONDOMINIUMS
 4002, 4010, 4018 10TH STREET E
 PUYALLUP, WA 98374

For: BRCF
 1002 39TH AVENUE SW, SUITE 104
 PUYALLUP, WA 98373
 CONTACT: BILL RILEY (253) 881-3033

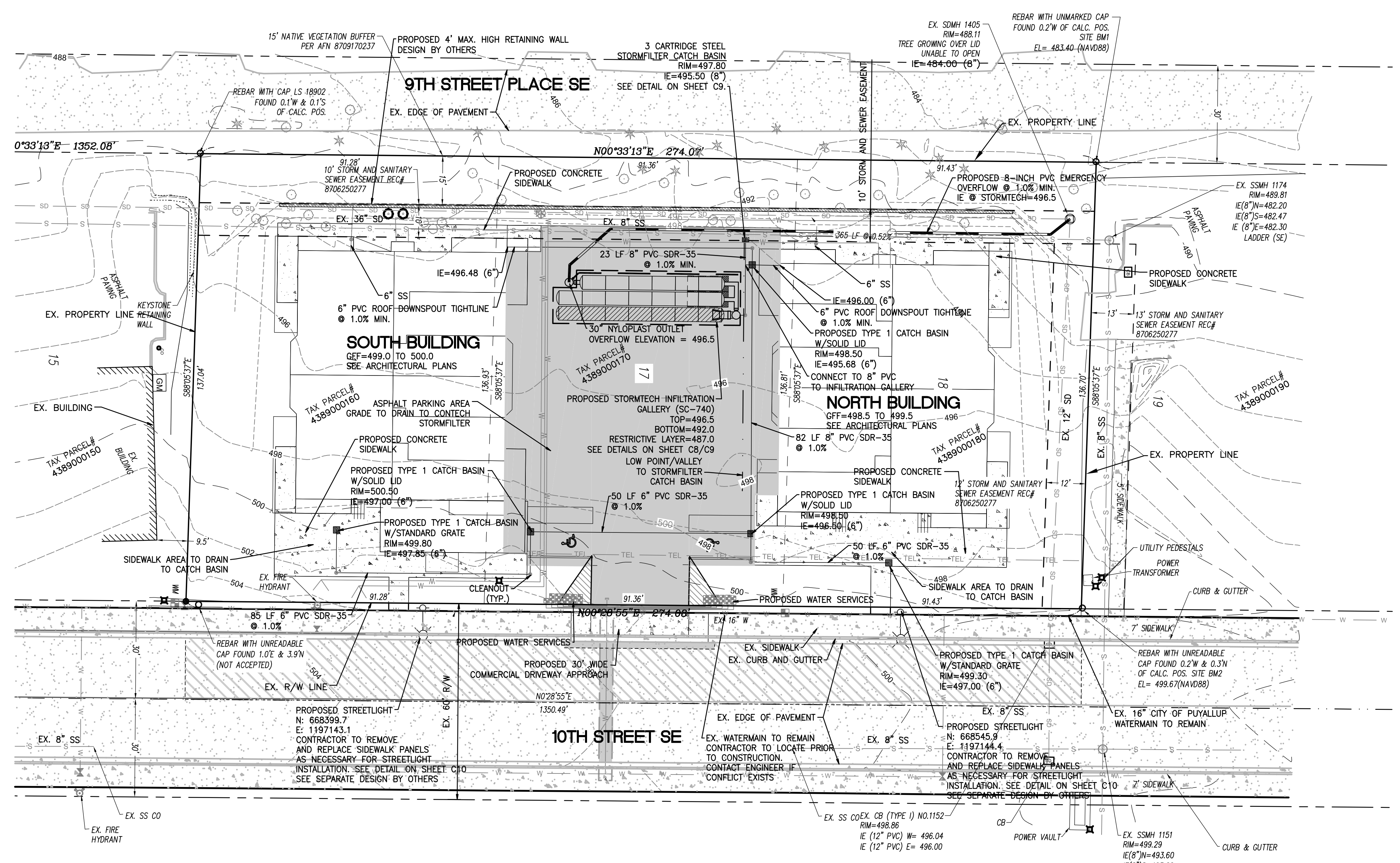
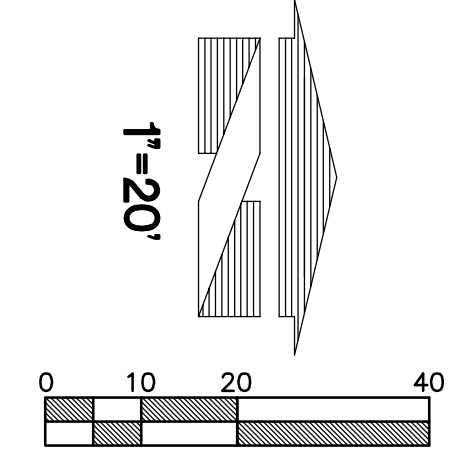


Scale:	Horizontal	Vertical
	1"=20'	N/A
Designed	CMT	
Drawn	CMT	
Checked	CMT	
Approved	CMT	
Date	7/1/22	

P.O. BOX 121
 SUMNER, WA 98390
 (206) 450-5096
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COPPER Sheet **C3** of **10**

A PORTION OF SECTION 10, TOWNSHIP 19N, RANGE 4E, W.M., PIERCE COUNTY
COPPERBERRY CONDOMINIUMS
STORM DRAINAGE PLAN



LEGEND

EXISTING

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING CURB
- EXISTING EASEMENT
- EXISTING EDGE OF PAVEMENT
- EXISTING STORM DRAIN
- EXISTING SEWER LINE
- EXISTING UNDERGROUND WATER LINE
- EXISTING UNDERGROUND TELEPHONE LINE
- EXISTING UNDERGROUND POWER
- EXISTING STORM DRAIN CATCH BASIN
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION

PROPOSED

- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED PAINT STRIPING
- PROPOSED CURB
- SAWCUT LINE
- PROPOSED STORM PIPE
- PROPOSED CATCH BASIN
- PROPOSED CLEANOUT
- FLOW PATH
- PROPOSED RIDGELINE

FOOTING DRAIN NOTE:
 CONTRACTOR TO INSTALL FOOTING DRAINS FOR EACH BUILDING TO DAYLIGHT THROUGH WEEPHOLES IN PROPOSED RETAINING WALL.

NOTES:
 1. ALL GRADING AND PUBLIC IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF THE CURRENT CITY ORDINANCE AND STANDARD PLANS.

UTILITY SEPARATION NOTE:
 PROVIDE A MINIMUM OF 42" OF COVER FOR ALL WATER SERVICE LINES.
 PROVIDE MINIMUM 1.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND SEWER SERVICE LINES.
 PROVIDE MINIMUM 0.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND STORM DRAIN LINES.
 CONTRACTOR SHALL POTHOLE EX. UTILITIES PRIOR TO CONSTRUCTION TO ENSURE PROPER SEPARATION CAN BE MET.

811
 Know what's below.
 Call before you dig.
 Dial 811
 Or Call 1-800-424-5555

UTILITY CONFLICT NOTE:
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT THE ENGINEER TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

APPROVED
 BY:
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 08/10/2023
 DATE

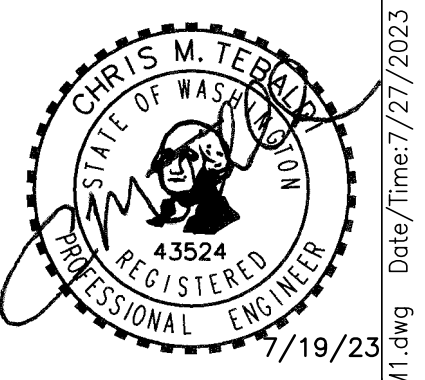
City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

NOTE: THIS APPROVAL IS VOID AFTER 30 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.

STORM DRAINAGE PLAN
COPPERBERRY CONDOMINIUMS
 4002, 4010, 4018 10TH STREET E
 PUYALLUP, WA 98374

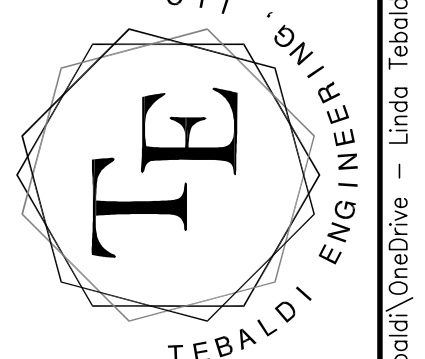
For:
BRCF
 1002 39TH AVENUE SW, SUITE 104
 PUYALLUP, WA 98373
 CONTACT: BILL RILEY (253) 881-3033



Scale: Horizontal 1"=20' Vertical N/A

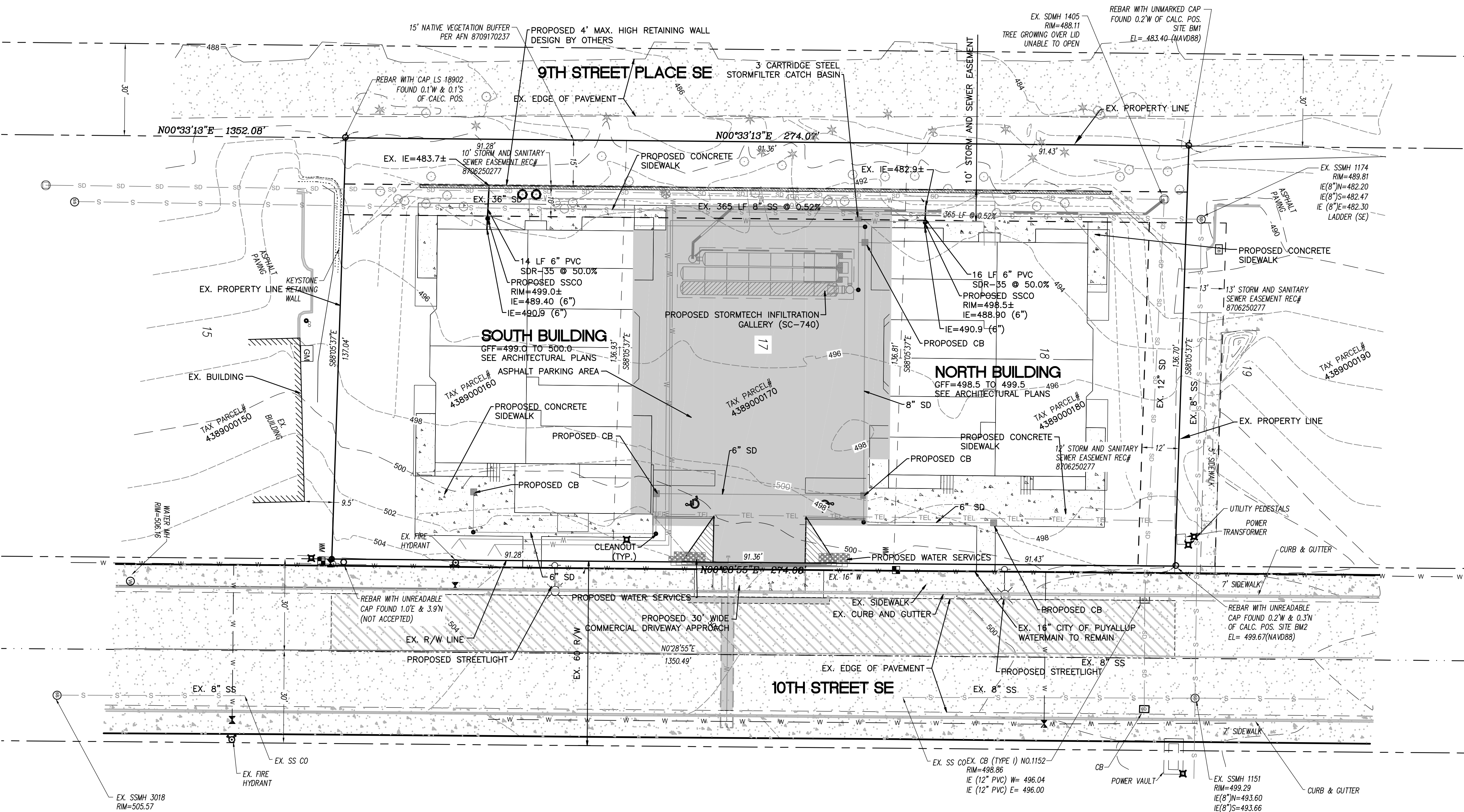
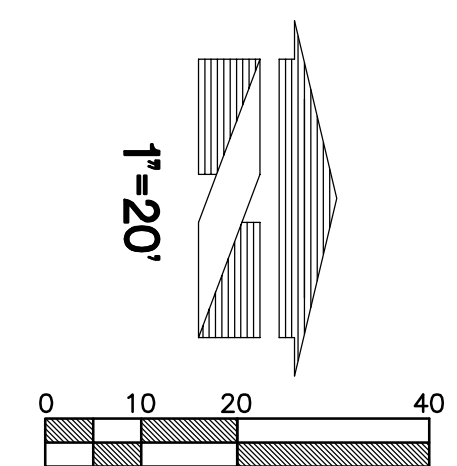
Designed	CMT
Drawn	CMT
Checked	CMT
Approved	CMT
Date	7/1/22

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 (206) 450-5096
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COPPER
 Sheet
C4 of **10**

A PORTION OF SECTION 10, TOWNSHIP 19N, RANGE 4E, W.M., PIERCE COUNTY
COPPERBERRY CONDOMINIUMS
SANITARY SEWER PLAN



LEGEND
EXISTING

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING CURB
- EXISTING EASEMENT
- EXISTING EDGE OF PAVEMENT
- EXISTING STORM DRAIN
- EXISTING SEWER LINE
- EXISTING UNDERGROUND WATER LINE
- EXISTING UNDERGROUND TELEPHONE LINE
- EXISTING UNDERGROUND POWER
- EXISTING STORM DRAIN CATCH BASIN
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION

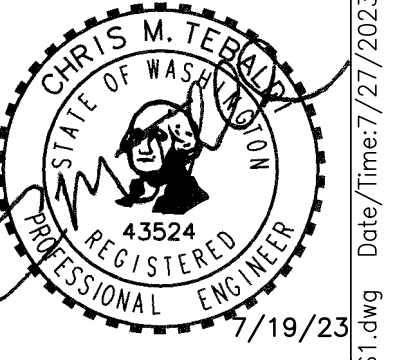
PROPOSED

- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED PAINT STRIPING
- PROPOSED CURB
- PROPOSED SANITARY SEWER PIPE
- PROPOSED SANITARY SEWER CLEANOUT

Revision

No.	Date	By	Ckd.	Appr.	Comments
1	4/8/23	CMT	CMT	CMT	REVISED PER CITY COMMENTS
2	6/10/23	CMT	CMT	CMT	REVISED PER CITY COMMENTS
3	7/19/23	CMT	CMT	CMT	REVISED PER CITY COMMENTS

For:
 BRCF
 1002 39TH AVENUE SW, SUITE 104
 PUYALLUP, WA 98373
 CONTACT: BILL RILEY (253) 881-3033



Scale:

Horizontal	1"=20'
Vertical	N/A

Designed: CMT
 Draw: CMT
 Checked: CMT
 Approved: CMT
 Date: 7/1/22

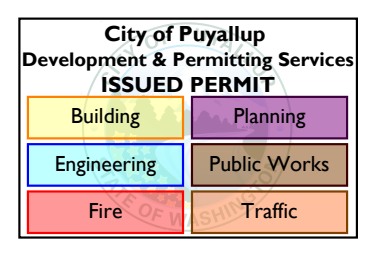
SIDE SEWER CONNECTION NOTE:
 CONTRACTOR TO COORDINATE WITH CITY INSPECTOR FOR LOCATION OF EXISTING SIDE SEWER STUBS FOR CONNECTION. CONNECT TO EX. SIDE SEWER STUBS FOR BUILDING SERVICE.

UTILITY SEPARATION NOTE:

- PROVIDE A MINIMUM OF 42" OF COVER FOR ALL WATER SERVICE LINES.
- PROVIDE MINIMUM 1.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND SEWER SERVICE LINES.
- PROVIDE MINIMUM 0.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND STORM DRAIN LINES.
- CONTRACTOR SHALL POTHOLE EX. UTILITIES PRIOR TO CONSTRUCTION TO ENSURE PROPER SEPARATION CAN BE MET.

UTILITY CONFLICT NOTE:

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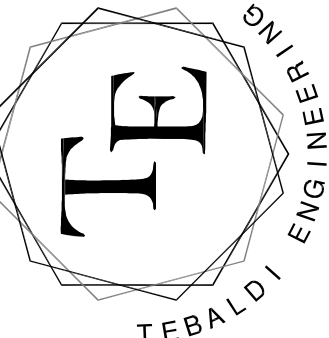
APPROVED
 BY:
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 08/10/2023
 DATE:

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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Job Number
COPPER
 Sheet
C5 of **10**

NOTES AND DETAILS

NOTES FOR CONNECTING TAPS ON EXISTING SEWER MAINS

1. THE TEE FITTING SHALL BE A ROMAC INDUSTRIES STYLE "CB" SEWER SADDLE (OR APPROVED EQUAL). ONLY NEW SADDLE AND PARTS SHALL BE INSTALLED. DUE TO PIPE SIZE MATERIALS OR PIPE CONDITION, THE CITY ENGINEER MAY REQUIRE AN ALTERNATE METHOD/MATERIAL BE USED.
2. THE SEWER MAIN TAP SHALL BE CUT WITH A SEWER PIPE TAPPING MACHINE (HOLE SAW) CAPABLE OF RETAINING THE COUPON.
3. THE ROUND HOLE CUT INTO THE SEWER MAIN SHALL BE NO LARGER THAN THE INSIDE DIAMETER OF THE SADDLE GASKET. THE HOLE SAW CUT EDGES SHALL BE SMOOTH.
4. THE COUPON SHALL BE RETAINED AND SURRENDERED TO THE INSPECTOR. THE PERMIT HOLDER WILL PAY ALL COSTS ASSOCIATED WITH THE LOCATION AND RETRIEVAL OF A LOST COUPON. ADDITIONALLY THE PERMIT HOLDER WILL BE HELD LIABLE FOR ANY SUBSEQUENT DAMAGES CAUSED BY A LOST COUPON.
5. BOLTS SHALL BE TORQUED TO MANUFACTURE SPECIFICATIONS, THEN RETORQUED AFTER 10 MINUTES.
6. NO TAPS SHALL BE ALLOWED ON EXISTING SEWER MAINS OVER 18" IN DIAMETER. CONNECTIONS INTO SEWER MAINS OVER 18" IN DIAMETER SHALL INTERSECT THE SEWER MAIN IN A MANHOLE. IN SOME CASES THE CITY ENGINEER MAY ALLOW A VARIANCE TO THIS REQUIREMENT.
7. ALL TRENCHING, BEDDING, AND BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL NO. 06.01.01. ALL ASPHALT REPAIR SHALL BE IN ACCORDANCE WITH CITY STANDARD NO. 01.01.20. ALL ADDITIONAL UTILITY AND RIGHT OF WAY REPAIRS SHALL BE IN ACCORDANCE WITH THE "CITY STANDARDS" MANUAL.
8. THE CITY OF PUYALLUP WILL CONDUCT A "SEWER MAIN VIDEO INSPECTION" OF THE SEWER TAP. THE PERMIT HOLDER WILL BE REQUIRED TO REPAIR ANY SEWER TAP CONSTRUCTION DEFECTS FOUND BY THE CITY INSPECTORS. THE COST OF ALL REPAIRS AND SUBSEQUENT "SEWER MAIN VIDEO INSPECTIONS" WILL BE THE RESPONSIBILITY OF THE PERMIT HOLDER. THE DAMAGE DEPOSIT POSTED BY THE BUILDER WILL BE HELD UNTIL PROBLEMS ARE CORRECTED. DUE TO PUBLIC HEALTH AND SAFETY, BUILDING OCCUPANCY WILL NOT BE ALLOWED UNTIL REPAIRS ARE COMPLETED AND ACCEPTED BY THE CITY ENGINEER.

CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	SEWER MAIN TAP
DESIGNED BY: JIM BENN-SYNDORA CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 04.02.01

NOTES:

1. SAMPLING CONNECTION SHALL BE INSTALLED OUT SIDE WITH UNOBSTRUCTED ACCESS AT ALL TIMES.
2. A SAMPLING CONNECTION SHALL BE INSTALLED FOR EACH COMMERCIAL / RETAIL UNIT OR SPACE.
3. CLEAN OUT AND SAMPLING CONNECTION COVERS:
 - A) FOR NON-VEHICULAR TRAFFIC INSTALLATIONS USE "CARSON" MODEL 910 GREEN YARD BOX WITH BOLT DOWN LID MARKED SEWER OR APPROVED EQUAL.
 - B) FOR ASPHALT, GRAVEL, OR TRAFFIC INSTALLATIONS SEE CITY STANDARD DETAIL NO. 04.03.05 FRAME AND COVER SECTION.
4. EACH CLEANOUT ASSEMBLY SHALL CONSIST OF: ONE CLEANOUT ADAPTER, HUB & FEMALE, FRT, PVC SI AND ONE CLEANOUT PLUG, W/PT WITH RAISED NUT, PVC SDR35.

CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	COMMERCIAL SIDE SEWER CONNECTION WITH SAMPLING CONNECTION
DESIGNED BY: JIM BENN-SYNDORA CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 04.03.04

NOTE:

1. GEOTEXTILE MIRAFI 500 X OR APPROVED EQUAL SHALL BE PLACED UNDER THE ENTIRETY OF THE TEMPORARY ENTRANCE.
2. ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY TO MAINTAIN PROPER FUNCTION OF THE PAD.
3. IF THE PAD DOES NOT ADEQUATELY REMOVE THE MUD FROM THE VEHICLE'S WHEELS, THE WHEELS SHALL BE HOSED OFF BEFORE THE VEHICLE ENTERS A PAVED STREET. THE HOSEING 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
DESIGNED BY: JIM BENN-SYNDORA CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 05.01.01

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.
2. 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.
3. 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.
4. 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.
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 PERMITEE 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 DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES
DESIGNED BY: JIM BENN-SYNDORA CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 05.02.01

NOTES:

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

CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	SILTATION FENCE
DESIGNED BY: JIM BENN-SYNDORA CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 02.03.02

NOTES:

1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
2. SUBSOIL SHOULD BE SCARIFIED (LOOSENED) 4 INCHES BELOW AMENDED LAYER, TO PRODUCE 12-INCH DEPTH OF UN-COMPACTED SOIL, EXCEPT WHERE SCARIFICATION WOULD DAMAGE TREE ROOTS OR AS DETERMINED BY THE ENGINEER. SEE NOTE REGARDING PLANTING STEPS FOR STREET TREES.
3. COMPOST SHALL BE TILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL, OR PLACE 8 INCHES OF COMPOST-AMENDED SOIL, PER SOIL SPECIFICATION.
4. PLANTING BEDS SHALL RECEIVE 3 INCHES OF COMPOST TILLED IN TO 8-INCH DEPTH, OR MAY SUBSTITUTE IF OF IMPORTED SOIL CONTAINING 35-40% COMPOST BY VOLUME. MULCH AFTER PLANTING, WITH 4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL (6" OF LOOSE WOOD CHIPS AT THE TIME OF PLANTING TO ALLOW SETTLE TO 4").
5. STRIPBACKS TO PREVENT UNIFORM SETTLE, DO NOT COMPOST-AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, WALKS, METERS ETC.) WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 90% PROCTOR TO ENSURE A FIRM SURFACE.
6. SEE SECTION 8.2(B) OF THE IAS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTER STRIPS. ALL STREET TREE PLANTER STRIPS SHALL RECEIVE 40% COMPOST AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE ROOTBALL.

CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	SOIL AMENDMENT AND DEPTH
DESIGNED BY: LINDA LIAN CHECKED BY: COLLEEN BARBER APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 01.02.08a

NOTES:

1. TO BE USED AS AN OPTION TO THE URBAN APPROACH WHEN GRADES ARE CREATING A SITE CONSTRAINT.
2. JOINTS IN PAVING SLABS SHALL NOT EXTEND INTO DRIVEWAY. ALL JOINTS SHALL BE CLEAN AND EDED.
3. CONCRETE SHALL BE COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, ASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH.
4. 30' FEET MINIMUM WIDTH FOR TWO WAY TRAFFIC. MAXIMUM WIDTH DEPENDANT ON VEHICLE VOLUME AND DESIGN VEHICLE TYPE.
5. DROP APPROACH RAMPS SHALL NOT EXCEED 8.3%, AS MEASURED WITH A SMART LEVEL, UNLESS RAMP LENGTH IS EXTENDED TO 15'.

CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	URBAN COMMERCIAL APPROACH ALTERNATE 2
DESIGNED BY: JIM BENN-SYNDORA CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 01.02.18

NOTES:

1. MAXIMUM LENGTH OF PIPE BETWEEN CATCH BASINS SHALL BE 400'.
2. TYPE I CATCH BASIN IS USED FOR DEPTHS LESS THAN 5'-0" FROM TOP OF GRATE TO I.E. (PIPE INVERT).
3. PRECAST BASE SECTION SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. KNOCKOUTS SHALL BE ON 4 SIDES WITH A MAXIMUM DIAMETER OF 20" TO PROVIDE FOR A MINIMUM SLUMP DEPTH OF 18".
4. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION SHALL NOT EXCEED 1/2" PER FOOT.
5. CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (ASHTO M 199) AND ASTM C 890 UNLESS OTHERWISE NOTED.
6. CATCH BASIN MARKER WILL BE AFFIXED WITH MANUFACTURER'S EPOXY IN DRY WEATHER, 40 DEGREES OR WARMER. IF CURB EXISTS MARKER IS PLACED ON TOP OF CURB. IF A RAISED EDEGE PLACE MARKER ON THE WEDGE. IF NO CURB PLACE ON PAVEMENT ON SIDE LEAST EXPOSED TO TRAFFIC.

CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	CATCH BASIN TYPE I (AREA DRAIN)
DESIGNED BY: LINDA LIAN CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN BARBER FILE NUMBER: P:\WORKING\INSTRUC\CITY\0404_2804_0403.04.dwg	CITY STANDARD: 02.01.02

APPROVED

BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE: 08/10/2023

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.

NOTES AND DETAILS

COPPERBERRY CONDOMINIUMS
4002, 4010, 4018 10TH STREET E
PUYALLUP, WA 98374

For: BRCF
1002 39TH AVENUE SW, SUITE 104
PUYALLUP, WA 98373
CONTACT: BILL RILEY (253) 881-3033

Scale: Horizontal N/A, Vertical N/A

Designed: CMT
Drawn: CMT
Checked: CMT
Approved: CMT
Date: 7/1/22

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TEBALDI ENGINEERING

Job Number: **COPPER**
Sheet: **C7** of **10**

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning
Engineering Public Works
Fire Traffic

A PORTION OF SECTION 10, TOWNSHIP 19N, RANGE 4E, W.M., PIERCE COUNTY
NOTES AND DETAILS

UNDERDRAIN DETAIL

SC-740 TECHNICAL SPECIFICATION

NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	CHAMBER STORAGE	MINIMUM INSTALLED STORAGE*	WEIGHT
51.0" X 30.0" X 85.4" (1295 mm X 762 mm X 2169 mm)	45.9 CUBIC FEET (1.30 m³)	74.9 CUBIC FEET (2.12 m³)	33.6 kg

*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-FAB STUBS AT BOTTOM OF END CAP WITH FLAMP END WITH "BR"
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "B"
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
PRE-CORED END CAPS END WITH "PC"

PART #	STUB	A	B	C
SC740EP007 / SC740EP007PC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	0.5" (13 mm)
SC740EP008 / SC740EP008PC	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	0.6" (15 mm)
SC740EP009 / SC740EP009PC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	0.7" (18 mm)
SC740EP010 / SC740EP010PC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	0.7" (18 mm)
SC740EP011 / SC740EP011PC	14" (350 mm)	16.0" (406 mm)	9.0" (229 mm)	1.2" (30 mm)
SC740EP012 / SC740EP012PC	15" (375 mm)	18.4" (467 mm)	5.0" (127 mm)	1.3" (33 mm)
SC740EP013 / SC740EP013PC	18" (450 mm)	19.7" (500 mm)	1.6" (41 mm)	1.6" (41 mm)
SC740EP014 / SC740EP014PC	24" (600 mm)	18.5" (470 mm)	0.1" (3 mm)	0.1" (3 mm)

ALL STUBS, EXCEPT FOR THE SC740E007 ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-992-2894.

*FOR THE SC740E007 THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL.

COPPERBERRY
PUYALLUP, WA
DATE: _____ PROJECT # _____
DRAWN: CT CHECKED: N/A
DESCRIPTION: _____
DATE: _____ BY: _____
DATE: _____ BY: _____

StormTech
4640 TRUHEMAN BLVD
HILLIARD, OH 43026
1-888-992-2894

ADS
4640 TRUHEMAN BLVD
HILLIARD, OH 43026
1-888-992-2894

SHEET
5 OF 6

NYLOPLAST DRAIN BASIN

INTEGRATED DUCTILE IRON FRAME & GRATE/SOLID TO MATCH BASIN O.D.

18" (457 mm) MIN WIDTH

AASHTO H-20 CONCRETE SLAB 8" (203 mm) MIN THICKNESS

TRAFFIC LOADS: CONCRETE DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED CONSIDERING LOCAL SOIL CONDITIONS, TRAFFIC LOADING & OTHER APPLICABLE DESIGN FACTORS.

ADAPTER ANGLES VARIABLE 0°-360° ACCORDING TO PLANS

VARIABLE SUMP DEPTH ACCORDING TO PLANS

8" (152 mm) MIN ON 8-24" (200-600 mm), 10" (254 mm) MIN ON 30" (750 mm)

4" (102 mm) MIN ON 8-24" (200-600 mm), 6" (152 mm) MIN ON 30" (750 mm)

BACKFILL MATERIAL BELOW AND TO SIDES OF STRUCTURE SHALL BE ASTM D2321 CLASS 1 OR 1 CRUSHED STONE OR GRAVEL AND BE PLACED UNIFORMLY IN 12" (305 mm) LIFTS AND COMPACTED TO MIN OF 90%.

NOTES

- 8-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
- 12-30" (300-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
- DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
- DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION: WWW.NYLOPLAST-US.COM
- TO ORDER CALL: 800-821-4710

A	PART #	GRATE/SOLID COVER OPTIONS
8"	2808AG	PEDESTRIAN LIGHT DUTY STANDARD LIGHT DUTY SOLID LIGHT DUTY
10"	2810AG	PEDESTRIAN LIGHT DUTY STANDARD LIGHT DUTY SOLID LIGHT DUTY
12"	2812AG	PEDESTRIAN LIGHT DUTY STANDARD AASHTO H-20 SOLID AASHTO H-20
15"	2815AG	PEDESTRIAN LIGHT DUTY STANDARD AASHTO H-20 SOLID AASHTO H-20
18"	2818AG	PEDESTRIAN LIGHT DUTY STANDARD AASHTO H-20 SOLID AASHTO H-20
24"	2824AG	PEDESTRIAN LIGHT DUTY STANDARD AASHTO H-20 SOLID AASHTO H-20
30"	2830AG	PEDESTRIAN LIGHT DUTY STANDARD AASHTO H-20 SOLID AASHTO H-20

COPPERBERRY
PUYALLUP, WA
DATE: _____ PROJECT # _____
DRAWN: CT CHECKED: N/A
DESCRIPTION: _____
DATE: _____ BY: _____
DATE: _____ BY: _____

Nyloplast
776-932-2443 | WWW.NYLOPLAST-US.COM

ADS
4640 TRUHEMAN BLVD
HILLIARD, OH 43026
1-888-992-2894

SHEET
6 OF 6

STORMFILTER STEEL CATCHBASIN DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. 2 CARTRIDGE CATCHBASIN HAS A MAXIMUM OF TWO CARTRIDGES. SYSTEM IS SHOWN WITH A 27" CARTRIDGE. AND IS ALSO AVAILABLE WITH AN 18" CARTRIDGE. STORMFILTER CATCHBASIN CONFIGURATIONS ARE AVAILABLE WITH A DRY INLET BAY FOR VECTOR CONTROL. PEAK HYDRAULIC CAPACITY PER TABLE BELOW. IF THE SITE CONDITIONS EXCEED PEAK HYDRAULIC CAPACITY, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CATCHBASIN HEIGHT	27"	18"	18" DEEP
RECOMMENDED HYDRAULIC DROP (H)	1.05'	2.3'	3.3'
SPECIFIC FLOW RATE (gpm/ft²)	2 gpm/ft²	1.67 gpm/ft²	1 gpm/ft²
CATCHBASIN FLOW RATE (gpm)	22.5	18.75	11.25
PEAK HYDRAULIC CAPACITY	1.0	1.0	1.8
INLET PERMANENT POOL LEVEL (A)	1'-0"	1'-0"	2'-0"
OVERALL STRUCTURE HEIGHT (B)	4'-9"	4'-9"	4'-9"

* 1.67 gpm/ft² SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB® (PSORB) MEDIA ONLY.

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STORMFILTER CATCHBASIN STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE WWW.CONTECHES.COM
- STORMFILTER CATCHBASIN WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- INLET SHOULD NOT BE LOWER THAN OUTLET. INLET (IF APPLICABLE) AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
- MANUFACTURER TO APPLY A SURFACE BEAD WELD IN THE SHAPE OF THE LETTER "O" ABOVE THE OUTLET PIPE STUB ON THE EXTERIOR SURFACE OF THE STEEL SPFC.
- STORMFILTER CATCHBASIN EQUIPPED WITH 4 INCH (APPROXIMATE) LONG STUBS FOR INLET (IF APPLICABLE) AND OUTLET PIPING. STANDARD OUTLET STUB IS 8 INCHES IN DIAMETER. MAXIMUM OUTLET STUB IS 15 INCHES IN DIAMETER. CONNECTION TO COLLECTION PIPING CAN BE MADE USING FLEXIBLE COUPLING BY CONTRACTOR.
- STEEL STRUCTURE TO BE MANUFACTURED OF 1/4 INCH STEEL PLATE. CASTINGS SHALL MEET ASTM A486 LOAD RATING. TO MEET H20 LOAD RATING ON STRUCTURE, A CONCRETE COLLAR IS REQUIRED. WHEN REQUIRED, CONCRETE COLLAR WITH #4 REINFORCING BARS TO BE PROVIDED BY CONTRACTOR.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 7 INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CATCHBASIN (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

2-CARTRIDGE DEEP CATCHBASIN STORMFILTER DATA

STRUCTURE ID	FLOW QUALITY FLOW RATE (cfs)	PEAK FLOW RATE (1.8 cfs)	RETURN PERIOD OF PEAK FLOW (yrs)	CATCHBASIN FLOW RATE (gpm)	MEDIA TYPE (PERLITE, ZPG, PSORB)	PERM. POOL ELEVATION
XXX	XXX	XXX	XXX	XX	XXXX	XXXX

PIPE DATA: LE DIAMETER
INLET STUB: XXXXX" XX"
OUTLET STUB: XXXXX" XX"

2-CARTRIDGE DEEP CATCHBASIN STORMFILTER STANDARD DETAIL

CONTECH
ENGINEERED SOLUTIONS LLC
www.conteches.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45399
800-526-3899 513-645-7000 513-645-7993 FAX

SHEET
5 OF 6

STREET PATCH

80' RIGHT OF WAY

FULL LANE WIDTH OR HALF STREET WIDTH 2" GRIND/OVERLAY (SEE NOTE 6, OPTION B)

2" (MIN) CUT BACK (SEE NOTE 6, OPTION B)

DEPTH ASPHALT REPLACEMENT (SEE NOTE 6, OPTION B)

POTHOLE - OPTION A 10" CORE DRILL (SEE NOTE 6)

EXISTING STORM MAIN

POTHOLE - OPTION B SHOULDER & TRENCH WINDOW (SEE NOTE 6)

2" GRIND/OVERLAY (SEE NOTE 6, OPTION B)

4" (MINIMUM) HMA CL. 1" PG 64-22 (OR MATCH EXISTING THICKNESS, WHICHEVER IS GREATER)

24" MIN. CUT BACK (TYP.) FULL DEPTH ASPHALT REPLACEMENT

2" GRIND/OVERLAY

2" MIN. CRUSHED SURFACING TOP COURSE (CS2C)

10" MIN. CRUSHED SURFACING BASE COURSE (CS3C)

UTILITY TRENCH BACKFILL (SEE NOTE 3)

UNDISTURBED BASE AREA

EXISTING CURB & GUTTER

EXISTING ROAD CENTERLINE OR CROWN

EXISTING ROADWAY

NEW SEWER MAIN REQUIRING POT HOLE REPAIR FOR STORM CROSSING

EXAMPLE:

2" GRIND/OVERLAY

2" MIN. CRUSHED SURFACING TOP COURSE (CS2C)

10" MIN. CRUSHED SURFACING BASE COURSE (CS3C)

UTILITY TRENCH BACKFILL (SEE NOTE 3)

NOTES:

- BASE AND SUBBASE MATERIAL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY.
- ALL DEPTHS INDICATED ARE A MINIMUM COMPACTED DEPTH.
- INITIAL BACKFILLING SHALL BE PERFORMED ONLY AFTER INSPECTION AND APPROVAL OF THE INSTALLED PIPE OR STRUCTURE. THE TRENCH BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL NO. 050101.
- ALL BACKFILL FOR PIPE TRENCHES SHALL BE MECHANICALLY COMPACTED BY A POWER-OPERATED MECHANICAL TAMPER(S) AS SPECIFIED IN WSDOT STANDARD SPEC. 2-03.3 (14). COMPACTING EARTH EMBANKMENTS, METHOD C OF THE WSDOT STANDARD SPECIFICATIONS.
- IF PAVING SURFACES ADJACENT TO THE TRENCH OPENING MAY BE DAMAGED WHERE TRENCHES ARE MADE PARALLEL TO THE STREET, OR WHERE A NUMBER OF CROSS TRENCHES ARE MADE IN CLOSE PROXIMITY TO ONE ANOTHER OR WHERE THE EQUIPMENT USED MAY CAUSE SUCH DAMAGE, THE CITY ENGINEER MAY REQUIRE A NEGOTIATED CONTRIBUTION FROM THE PERMITTEE FOR RESURFACING IN LIEU OF PATCHING.
- IF THE TOTAL AREA OF THE PROPOSED PATCH OR PROBABLE DAMAGED AREA EXCEEDS 25 PERCENT OF THE TOTAL PAVEMENT SURFACING BETWEEN CURB FACES OR BETWEEN CONCRETE GUTTER EDGES IN ANY BLOCK, SUCH NEGOTIATIONS SHALL BE CARRIED ON AND CONTRIBUTIONS AGREED UPON PRIOR TO ISSUANCE OF A PERMIT. SUCH CONTRIBUTIONS SHALL BE IN ADDITION TO THE STANDARD PERMIT FEE.
- POTHOLES FOR UTILITIES:
OPTION A - UP TO A 10" DIAMETER CORE DRILL IS ALLOWED. CORE HOLES MADE DURING UTILITY POTHOLES SHALL BE BACKFILLED WITH COF TO WITHIN 4" OF FINISHED GRADE. 4" OF HMA SHALL THEN BE PLACED AND COMPACTED, FLUSH WITH EXISTING GRADE.
OPTION B - FOR POT HOLE WINDOWS LARGER THAN 10" IN DIAMETER OR TRENCHING COMPLETED IN EXISTING ROADWAY, THE CONTRACTOR SHALL MEET CITY STANDARD DETAIL 01.01 FOR PIPE BEDDING AND BACKFILL. REQUIREMENTS: PAVEMENT RESTORATION SHALL BE ACCOMPLISHED BY INSTALLING THE TRENCH PATCH, AS SHOWN HEREIN, AND THEN GRIND/OVERLAYING TO A MINIMUM DEPTH OF 2". THE LIMITS OF THE REQUIRED GRIND/OVERLAY SHALL BE TO THE NEAREST LANE LINE, OR HALF STREET, AND SHALL BE A MINIMUM OF 18 FEET LONG (LONGITUDINALLY ALONG ROADWAY) CENTERED AT LOCATION OF PATCH. NOTE: IF EXISTING ASPHALT THICKNESS IS LESS THAN 2", FULL DEPTH PAVEMENT REPLACEMENT, IN LIEU OF GRIND/OVERLAY, TO MEET A MINIMUM ASPHALT THICKNESS OF 4" WILL BE REQUIRED.
WHERE LOCATION OF TRENCH OR POT HOLE WINDOW INTERSECTS ROAD CENTERLINE, A MINIMUM GRIND AND OVERLAY OF ONE FULL LANE WIDTH (17') IS REQUIRED CENTERED ON ROADWAY. NO LONGITUDINAL JOINTS WILL BE ALLOWED IN THE WHEEL PAIR.

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.

CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER
DATE: 2/15/18

APPROVED FOR PUBLICATION

STREET PATCH

DATE: 01.01.20

NOTES AND DETAILS

COPPERBERRY CONDOMINIUMS
4002, 4010, 4018 10TH STREET E
PUYALLUP, WA 98374

For: BRCF
1002 39TH AVENUE SW, SUITE 104
PUYALLUP, WA 98373
CONTACT: BILL RILEY (253) 881-3033

Scale: Horizontal N/A Vertical N/A

Designed: CMT
Drawn: CMT
Checked: CMT
Approved: CMT
Date: 7/1/22

APPROVED
BY: [Signature]
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE: 08/10/2023

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.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning
Engineering Public Works
Fire Traffic

COPPER
Sheet
C9 of **10**

NOTES AND DETAILS

ROOT BARRIER DETAIL

PRODUCT #	HEIGHT	LENGTH
UB 24-2	2"	2'

NOTES:

- ROOT BARRIERS SHALL BE REQUIRED IN ALL STREET TREE PLANTING INSTALLATIONS WHETHER NEW OR EXISTING, WHEN STREET TREES ARE INSTALLED IN RIGHT-OF-WAY OR IN A PLANTING EASEMENT*.
- ROOT BARRIERS USED SHALL BE DeepRoot ROOT BARRIERS OR EQUIVALENT.
- UB - 24 SHALL BE USED.
- ROOT BARRIERS SHALL BE INSTALLED IF REQUIRED BY THE CITY.
- INSTALLATION OF ROOT BARRIERS TO BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- THE PANEL SHALL BE INSTALLED SO THE VERTICAL RIBS FACE THE ROOTS OF THE TREE. A MINIMUM OF FOUR (4) PANELS SHALL BE INSTALLED ON EACH SIDE OF ROOT BALL FOR 8' OF PROTECTION.
- FOR PRODUCT INFORMATION VISIT:
http://www.deeproot.com/template.php?sec=products&nov=true&root&content=rb_app&sub=2&level=1
- *PLANTING EASEMENT* SHALL MEAN THAT PORTION OF LAND MADE AVAILABLE AS A PUBLIC EASEMENT FOR THE PURPOSE OF PLANTING AND MAINTAINING CITY STREET TREES. ALL STREET TREES PLANTED WITHIN A PLANTING EASEMENT SHALL BE PLANTED WITHIN THREE FEET OF RIGHT-OF-WAY.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

DESIGNED BY: DM PERRY/03/08/2024	CHECKED BY: COLLEEN SHARPE	APPROVED BY: COLLEEN SHARPE	REVISION BY: LINDA LEWIS	CITY STANDARD: 06.01.01
FILE NAME: P:\PROJECTS\2024\20240308\20240308_01.dwg	DATE APPROVED: 03/08/2024	DATE REVISION: 03/08/2024	SCALE: 1" = 1'-0"	CITY STANDARD: 01.02.03

PIPE TRENCHING BEDDING AND BACKFILL

- TRENCHING SHALL MEET THE REQUIREMENTS OF SECTION 7-08.3(1)A AND 2-08.3(1) OF THE WSDOT SPECIFICATIONS.
- BEDDING MATERIAL SHALL CONFORM TO 9-03.12(3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING.
- GRAVEL BACKFILL SHALL CONFORM TO 9-03.12(1)A GRAVEL BACKFILL FOR FOUNDATIONS, CLASS A.

CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

DESIGNED BY: DM PERRY/03/08/2024	CHECKED BY: COLLEEN SHARPE	APPROVED BY: COLLEEN SHARPE	REVISION BY: LINDA LEWIS	CITY STANDARD: 06.01.01
FILE NAME: P:\PROJECTS\2024\20240308\20240308_01.dwg	DATE APPROVED: 03/08/2024	DATE REVISION: 03/08/2024	SCALE: 1" = 1'-0"	CITY STANDARD: 06.01.01

CURB AND GUTTER

NOTES:

- CONTRACTION JOINTS SHALL BE 3/8" x 2 1/4" ASPHALT SATURATED FELT PLACED IN ALL EXPOSED SURFACES OF CURB AND GUTTER AND SPACED AT 15' MAX. 10' MIN. O.C.
- THRU JOINTS SHALL BE 3/8" ASPHALT SATURATED FELT PLACED AT POINTS OF TANGENCY ON CURVES, AT CATCH BASINS, AND AT EDGES OF ALLEY AND DRIVEWAYS. THE MAXIMUM DISTANCE BETWEEN THRU JOINTS SHALL BE 100'.
- CONCRETE SHALL BE CLASS 3000 COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, ASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH.
- FORMS SHALL BE STEEL UNLESS PRIOR APPROVAL IS GIVEN BY THE CITY ENGINEER. FORMS SHALL BE SET TRUE TO LINE AND GRADE AND SECURELY STAKED PRIOR TO CONCRETE PLACEMENT. FULL DEPTH DIVISION PLATES ARE ONLY TO BE USED WHERE THRU JOINTS ARE TO BE PLACED.
- THE 1" RADIUS ON THE UPPER FACE OF THE CURB MAY BE FORMED BY AN EDGER TOOL OR BUILT INTO THE FACE FORM. THE 1" RADIUS AT THE BOTTOM FACE OF THE CURB SHALL BE FORMED BY THE FACE FORM.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

DESIGNED BY: DM PERRY/03/08/2024	CHECKED BY: COLLEEN SHARPE	APPROVED BY: COLLEEN SHARPE	REVISION BY: LINDA LEWIS	CITY STANDARD: 06.01.09
FILE NAME: P:\PROJECTS\2024\20240308\20240308_01.dwg	DATE APPROVED: 03/08/2024	DATE REVISION: 03/08/2024	SCALE: 1" = 1'-0"	CITY STANDARD: 01.02.09

SIDEWALK WITHOUT PLANTING STRIP

NOTES:

- CONTRACTION JOINTS SHALL BE 3/8" x 1 1/2" ASPHALT SATURATED FELT PLACED AT 15' O.C.
- THRU JOINTS SHALL BE 3/8" x 4" ASPHALT SATURATED FELT PLACED AT DRIVEWAYS, ALLEY RETURNS AND WHEELCHAIR RAMPS AND RAMP.
- V-GROOVEMARKS SHALL BE 1/8" DEEP AND 1/4" WIDE PLACED AT 5' O.C. FOR 5' SIDEWALKS AND 7.5' O.C. FOR 8' SIDEWALKS.
- ALL JOINTS SHALL BE CLEAN AND EDGED TO A 1/4" RADIUS. JOINTS SHALL BE FLUSH WITH THE FINISHED SURFACE.
- ALL UTILITY POLES AND STREET SIGN POSTS IN SIDEWALK AREA NOT REQUIRED TO BE RELOCATED SHALL HAVE A SQUARE SECTION OF CONCRETE SURROUNDED BY 3/8" EXPANSION JOINT MATERIAL AROUND THE POLE. THE JOINT SHALL BE NO CLOSER THAN 6" TO ANY SIDE OF THE POLE.
- FORMS SHALL BE EITHER WOOD OR STEEL AND SHALL MEET ALL REQUIREMENTS OF THESE SPECIFICATIONS.
- CONCRETE SHALL BE CLASS 3000 COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, ASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH.
- SIDEWALK MINIMUM UNOBSTRUCTED CLEAR WIDTH SHALL BE 4', EXCLUSIVE OF THE WIDTH OF THE CURB.
- GRATINGS, ACCESS COVERS, JUNCTION BOXES, CABLE VAULTS, FULL BOXES AND OTHER APPURTENANCES WITHIN THE SIDEWALK (RIGHT-OF-WAY) MUST HAVE SLIP RESISTANT SURFACE AND MATCH THE GRADE OF THE SIDEWALK.
- CURB RAMPS SHALL BE CONSTRUCTED AT INTERSECTIONS USING A DESIGN PREPARED BY A LICENSED PROFESSIONAL ENGINEER. WHEN A RAMP DESIGN FAILS TO MEET ALL APPLICABLE DESIGN STANDARDS, THE ENGINEER SHALL DOCUMENT WHY THE PROPOSED RAMP ACHIEVES DESIGN STANDARDS TO THE MAXIMUM EXTENT FEASIBLE.

MINIMUM SIDEWALK WIDTHS
5'(RS ZONES) SINGLE FAMILY RESIDENTIAL AREAS (DETACHED DWELLINGS)
6'(RS ZONES) COMMERCIAL USES, WHEN REQUIRED BY DEVELOPMENT SERVICES MANAGER
8'(RM ZONES) MEDIUM AND HIGH DENSITY MULTI-FAMILY RESIDENTIAL AREAS
8'(ML ZONES) INDUSTRIAL AREAS
8'(CG, CBD ZONES) COMMERCIAL AREAS
8'(PF ZONES) PUBLIC FACILITIES AREAS
8'(F ZONES) FAIR AREAS
* MATCH GREATEST WIDTH FOR ANY ADJACENT ZONE

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

DESIGNED BY: DM PERRY/03/08/2024	CHECKED BY: COLLEEN SHARPE	APPROVED BY: COLLEEN SHARPE	REVISION BY: LINDA LEWIS	CITY STANDARD: 06.01.01
FILE NAME: P:\PROJECTS\2024\20240308\20240308_01.dwg	DATE APPROVED: 03/08/2024	DATE REVISION: 03/08/2024	SCALE: 1" = 1'-0"	CITY STANDARD: 01.02.01

2" AND SMALLER DOUBLE CHECK VALVE ASSEMBLY INSTALLATION

NOTES:

- BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
- THE DOWA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374.
- DOWA MUST BE PURCHASED AS A UNIT, NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.
- DOWA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF WATER METER, WHEN IRRIGATION SYSTEM IS CONNECTED OFF DOMESTIC WATER LINE, IRRIGATION DOWA SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF THE BRANCH CONNECTION.
- DOWA SHALL BE SIZED EQUAL OR COMPARABLE TO METER SIZE.
- METER BOX SHALL BE LARGE ENOUGH TO ALLOW THE MINIMUM SETBACKS ILLUSTRATED ABOVE. METER BOX LID SHALL BE A TRAFFIC LID WITH A 11-20 LANDING.
- DIELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS.
- USE ONLY BRASS OR COPPER BETWEEN THE METER AND THE UNION ON THE CUSTOMER'S SIDE OF THE DOWA.

CITY OF PUYALLUP
OFFICE OF THE CITY ENGINEER

DESIGNED BY: DM PERRY/03/08/2024	CHECKED BY: COLLEEN SHARPE	APPROVED BY: COLLEEN SHARPE	REVISION BY: LINDA LEWIS	CITY STANDARD: 03.04.01
FILE NAME: P:\PROJECTS\2024\20240308\20240308_01.dwg	DATE APPROVED: 03/08/2024	DATE REVISION: 03/08/2024	SCALE: (NOT TO SCALE)	CITY STANDARD: 03.04.01

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

APPROVED

BY: *[Signature]*
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE: **08/10/2023**

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.

COPPER
Job Number
Sheet
C10 of **10**

For:
BRCF
1002 39TH AVENUE SW, SUITE 104
PUYALLUP, WA 98373
CONTACT: BILL RILEY (253) 881-3033

CHRIS M. TEBALDI
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
NO. 43524
7/19/23

Scale:
Horizontal: N/A
Vertical: N/A

Designed: CMT
Drawn: CMT
Checked: CMT
Approved: CMT
Date: 7/1/22

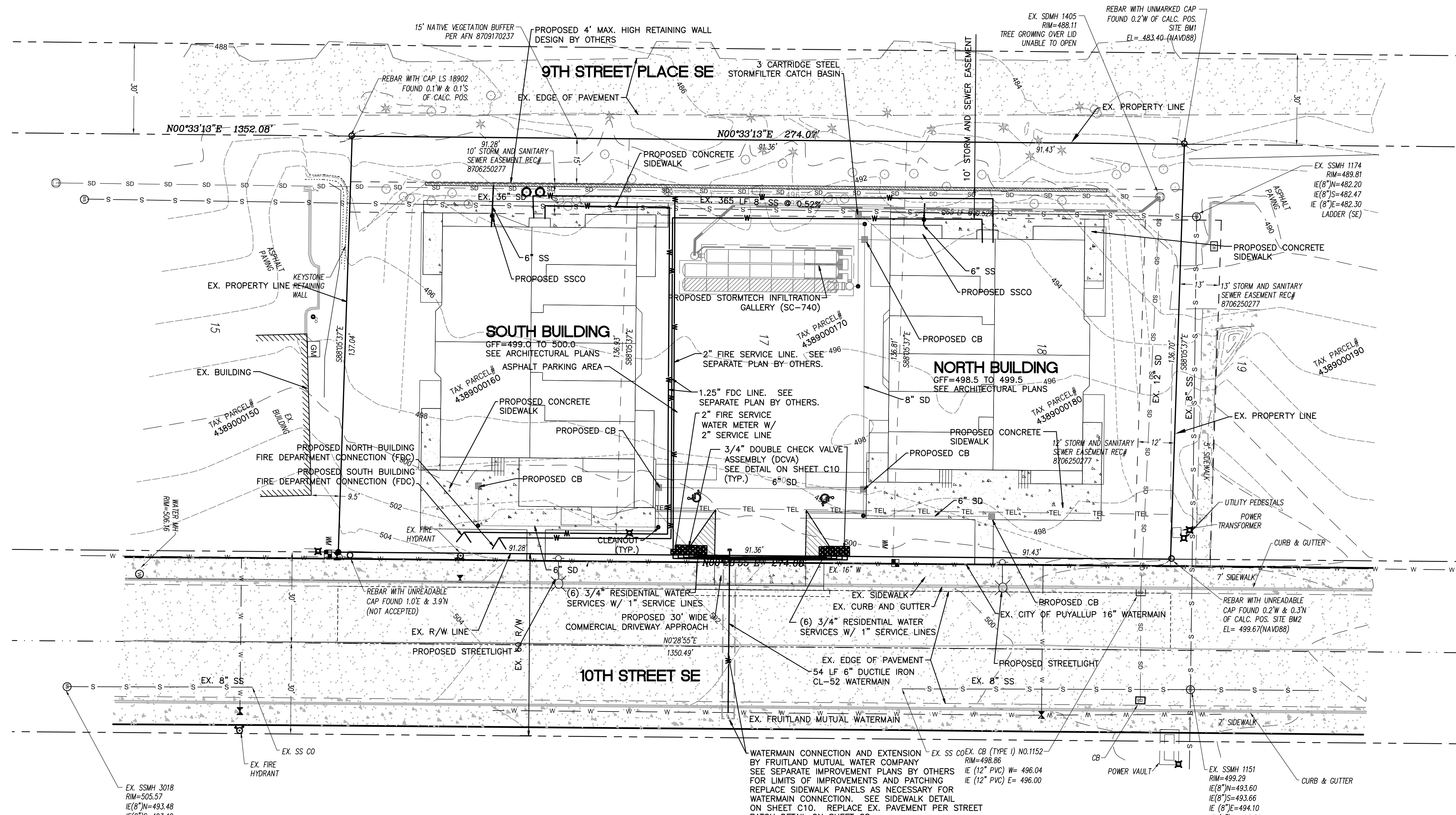
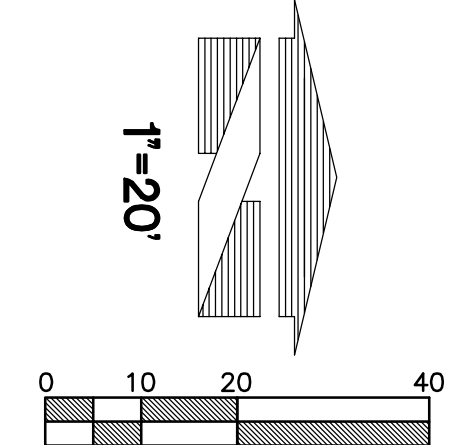
P.O. BOX 121
SUMNER, WA 98390
(206) 450-5096
TEBALDIENGINEERING.COM

TEBALDI ENGINEERING

No.	Date	By	Appr.	Revision
3	7/19/23	CMT	CMT	REVISED PER CITY COMMENTS
2	6/10/23	CMT	CMT	REVISED PER CITY COMMENTS
1	4/8/23	CMT	CMT	REVISED PER CITY COMMENTS

Notes and Details
COPPERBERRY CONDOMINIUMS
4002, 4010, 4018 10TH STREET E
PUYALLUP, WA 98374

A PORTION OF SECTION 10, TOWNSHIP 19N, RANGE 4E, W.M., PIERCE COUNTY
COPPERBERRY CONDOMINIUMS
WATER PLAN



LEGEND

EXISTING	
[Symbol]	EXISTING ASPHALT
[Symbol]	EXISTING CONCRETE
[Symbol]	EXISTING CURB
[Symbol]	EXISTING EASEMENT
[Symbol]	EXISTING EDGE OF PAVEMENT
[Symbol]	EXISTING STORM DRAIN
[Symbol]	EXISTING SEWER LINE
[Symbol]	EXISTING UNDERGROUND WATER LINE
[Symbol]	EXISTING UNDERGROUND TELEPHONE LINE
[Symbol]	EXISTING UNDERGROUND POWER
[Symbol]	EXISTING STORM DRAIN CATCH BASIN
[Symbol]	EXISTING CONTOUR
[Symbol]	EXISTING SPOT ELEVATION
PROPOSED	
[Symbol]	PROPOSED ASPHALT
[Symbol]	PROPOSED CONCRETE
[Symbol]	PROPOSED PAINT STRIPING
[Symbol]	PROPOSED CURB

UTILITY SEPARATION NOTE:

PROVIDE A MINIMUM OF 42" OF COVER FOR ALL WATER SERVICE LINES.

PROVIDE MINIMUM 1.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND SEWER SERVICE LINES.

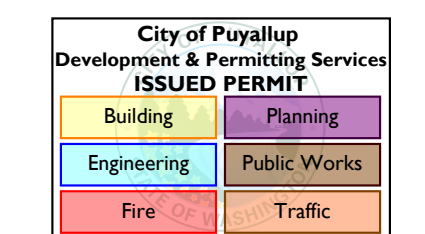
PROVIDE MINIMUM 0.5' VERTICAL SEPARATION BETWEEN WATER SERVICE AND STORM DRAIN LINES.

CONTRACTOR SHALL POTHOLE EX. UTILITIES PRIOR TO CONSTRUCTION TO ENSURE PROPER SEPARATION CAN BE MET.

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLES THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 811 AND THEN POTHOLES ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL NOTIFY TEBALDI ENGINEERING, LLC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

811
 Know what's below.
 Call before you dig.
 Dial 811
 (1-800-424-5555)



<p>FIRE HYDRANT/FDC LOCATION/ACCESS APPROVED</p> <p>BY: <i>David D...</i> CITY OF PUYALLUP FIRE CODE OFFICIAL</p> <p>DATE: 08/10/2023</p>	<p>APPROVED</p> <p>BY: <i>[Signature]</i> CITY OF PUYALLUP DEVELOPMENT ENGINEERING</p> <p>DATE: 08/10/2023</p>
<p><small>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 FIRE CODE OFFICIAL.</small></p>	<p><small>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.</small></p>

Revision
 No. Date By Ckd. Appr.
 Title: **WATER PLAN**
COPPERBERRY CONDOMINIUMS
4002, 4010, 4018 10TH STREET E
PUYALLUP, WA 98374

For: **BRCF**
1002 39TH AVENUE SW, SUITE 104
PUYALLUP, WA 98373
CONTACT: BILL RILEY (253) 881-3033

Scale:	Horizontal	Vertical
Designed	CMT	CMT
Drawn	CMT	CMT
Checked	CMT	CMT
Approved	CMT	CMT
Date	7/1/22	N/A

4625 - 126TH AVENUE EAST
 EDGEWOOD, WA 98372
 (206) 450-5096
 TEBALDIENGINEERING.COM

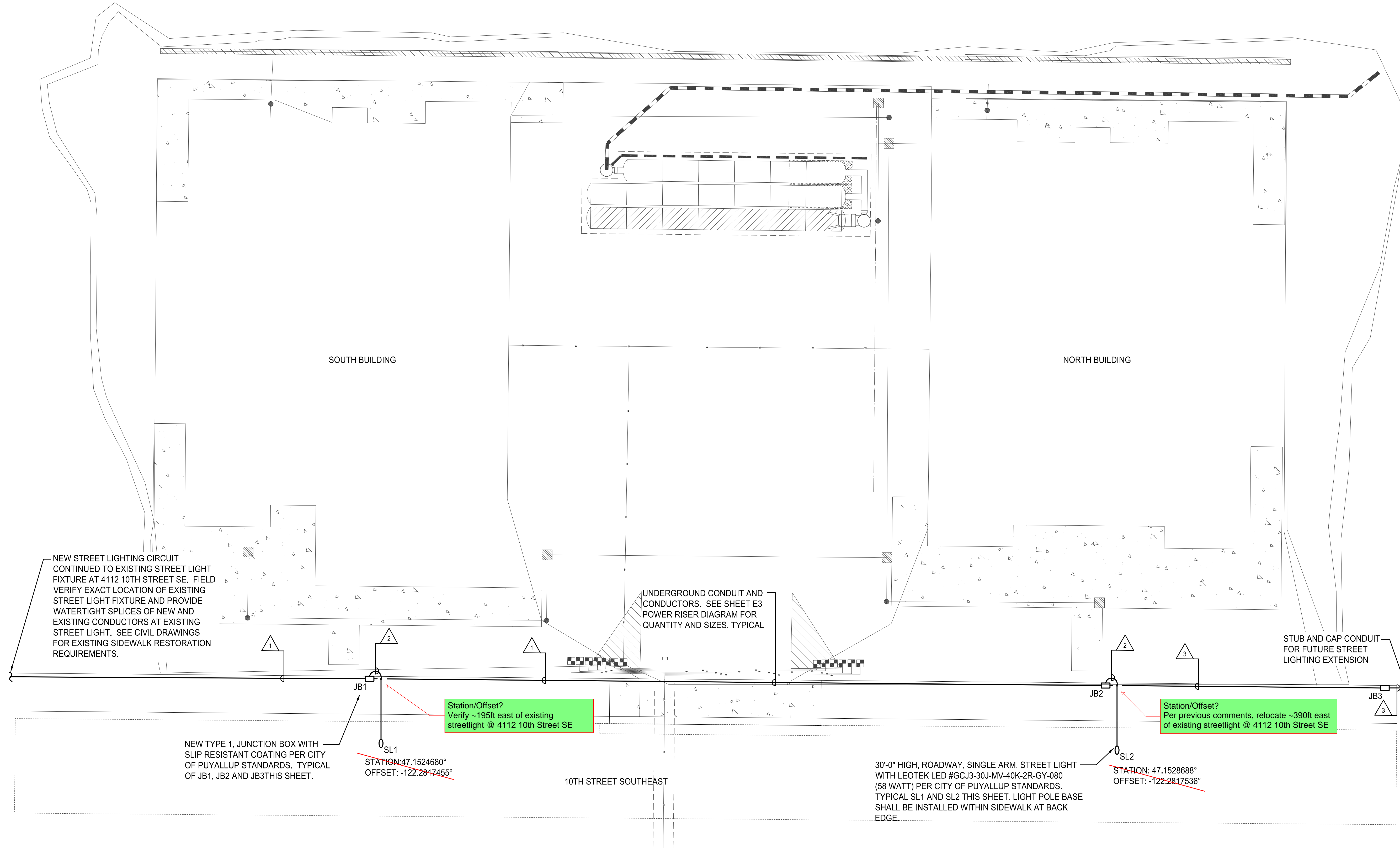
Job Number: **COPPER**
 Sheet: **W1** of **1**

GENERAL NOTES:

- ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF PUYALLUP PUBLIC WORKS STANDARDS AND WSDOT STANDARDS AND SPECIFICATIONS.
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- INSTALL SHORTING CAPS ON LUMINAIRES PER CITY STANDARD DETAIL 01.05.10.

CONDUIT AND WIRE SCHEDULE:

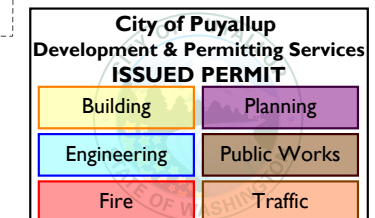
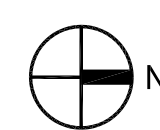
- 1 2" PVC SCHEDULE 80 - (2)#8 CU & (1)#8 CU GRD (CONDUIT FILL = 4%)
2" PVC SCHEDULE 80- EMPTY WITH PULLSTRING
- 2 1-1/2" PVC SCHEDULE 80 - (2)#8 CU & (1)#8 CU GRD (CONDUIT FILL = 4%)
- 3 (2)2" PVC SCHEDULE 80 - EMPTY WITH PULLSTRING



Plotted: Aug 08, 2023 - 2:34pm File: N:\Jobs\2023\23-101\Dwgs\23-101-E1.dwg By: SCOTTK

STREET LIGHTING ELECTRICAL SITE PLAN

SCALE: 1"=10'-0"



PERMIT SUBMITTAL

**COOPERBERRY STREET LIGHTING
4018 10TH STREET EAST
PUYALLUP, WA 98374**

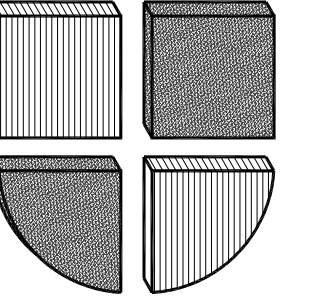
STREET LIGHTING ELECTRICAL SITE PLAN

REVISIONS:

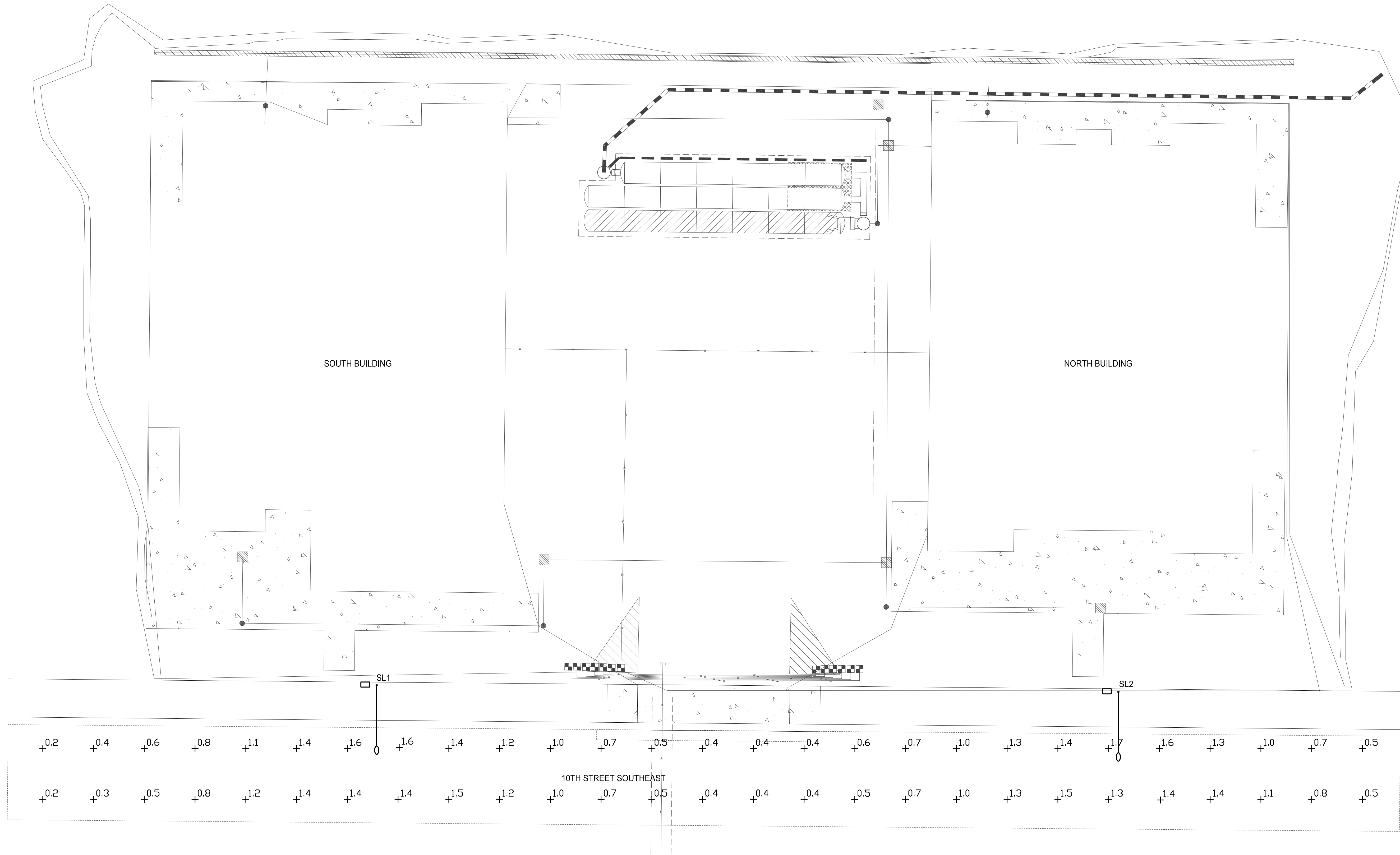


SCALE: AS NOTED	SHEET
DATE: 8-8-2023	E1
DRAWN BY: SUK	
CHECKED BY: SLH	
JOB NO.: 23-101	OF -

CROSS ENGINEERS, INC
923 Martin Luther King Jr. Way
Tacoma, WA 98405
Phone: (253) 759-0718
Job Number: 23-101
info@crossengineers.com



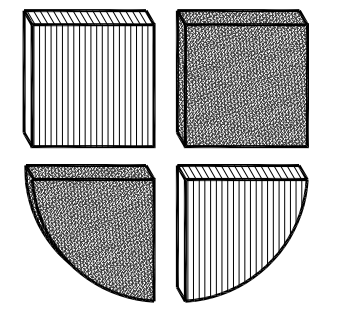
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PHOTOMETRIC LIGHTING SUMMARY:

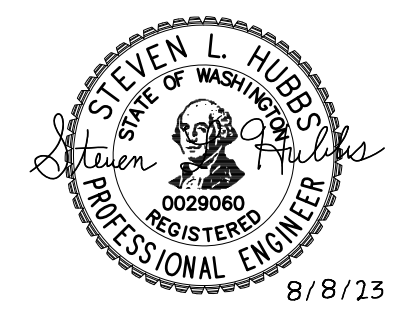
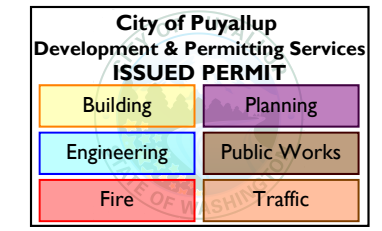
10TH STREET SOUTHEAST
 AVERAGE FOOTCANDLES = 0.9 FC
 MAXIMUM FOOTCANDLES = 1.7 FC
 MINIMUM FOOTCANDLES = 0.2 FC
 MAX:MIN. = 8.5:1
 AVG.:MIN. = 4.5:1

CROSS ENGINEERS, INC
 923 Martin Luther King Jr. Way
 Tacoma, WA 98405
 info@crossengineers.com
 Phone: (253) 759-0118
 Job Number: 23-101



COOPERBERRY STREET LIGHTING
4018 10TH STREET EAST
PUYALLUP, WA 98374
 STREET LIGHTING ELECTRICAL SITE PLAN

REVISIONS:



STREET LIGHTING PHOTOMETRIC SITE PLAN
 SCALE: 1"=10'-0"



PERMIT SUBMITTAL

SCALE: AS NOTED	SHEET
DATE: 8-8-2023	E2
DRAWN BY: SJK	
CHECKED BY: SLH	
JOB NO.: 23-101	OF -

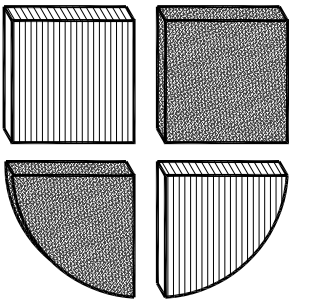
LUMINAIRE #	STATION/OFFSET	LUMINAIRE TYPE	MOUNTING HEIGHT	BASE	MAST ARM LENGTH	CITY LUMINAIRE #	COMMENTS
SL1	47.1524680' / -122.2817455'	LEOTEK LED #GCJ3-30J-MV-40K-2R-GY-080 (58 WATT)	30'-0"	FIXED	12'-0"	-	
SL2	47.1528688' / -122.2817536'	LEOTEK LED #GCJ3-30J-MV-40K-2R-GY-080 (58 WATT)	30'-0"	FIXED	12'-0"	-	
						-	
						-	

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- INSTALL SHORTING CAPS ON LUMINAIRES PER CITY STANDARD DETAIL 01.05.10.

CROSS ENGINEERS, INC

923 Martin Luther King Jr. Way
Tacoma, WA 98405
Phone: (253) 759-0118
Job Number: 23-101
info@crossengineers.com



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 16" 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 9-29 OF WSDOT STANDARD SPECIFICATIONS. SCHEDULE 80 PVC MAY BE USED IN LOCATIONS OTHER THAN ROADWAY CROSSINGS.



CITY OF PUYALLUP

DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

STREET LIGHT SPECIFICATIONS

DESIGNED BY JIM BERTIN-SYBORODA	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN BARBERS	REVISED BY LINDA LIAN	CITY STANDARD
DATE APPROVED 8/1/2023	DATE REVISION 8/23/2014	SCALE 1:1	01.05.01	

(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 BEDDED TO PREVENT FUTURE SETTLING. JUNCTION BOXES ARE PREFERRED NOT TO BE INSTALLED IN THE SIDEWALK. THE COVER SHALL BE GALVANIZED AND GROUNDED. THE LETTERS "JT" 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 CIRCUITRY FROM THE IN-LINE FUSE IN THE POLES TO THE JUNCTION BOX SHALL BE 400 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 20 AWG 10 STRANDED POLE AND BRACKET WIRE OR APPROVED EQUAL. SPLICES 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 SEC MODEL 1791-SF WITH FNM-5 FUSES OR APPROVED EQUAL. (REFER TO CITY STANDARD DETAIL NO. 01.06.01)
- LUMINAIRES AND LAMPS

RESIDENTIAL STREETS AND NEIGHBORHOOD COLLECTORS:
LEOTEK LED GC1-40E-MV-NW-2-530 (67 WATT LED)

ARTERIALS AND COMMERCIAL COLLECTORS:
GE EVOLVE LED ERS2-E-0-HX-EX-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.



CITY OF PUYALLUP

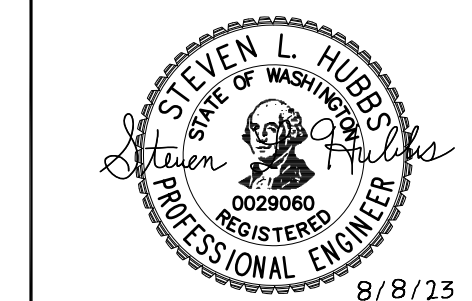
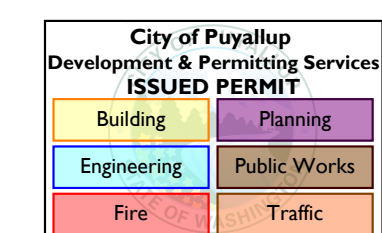
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

STREET LIGHT SPECIFICATIONS (CONT.)

DESIGNED BY JIM BERTIN-SYBORODA	CHECKED BY LINDA LIAN	APPROVED BY COLLEEN BARBERS	REVISED BY LINDA LIAN	CITY STANDARD
DATE APPROVED 8/1/2023	DATE REVISION 8/23/2014	SCALE 1:1	01.05.02	

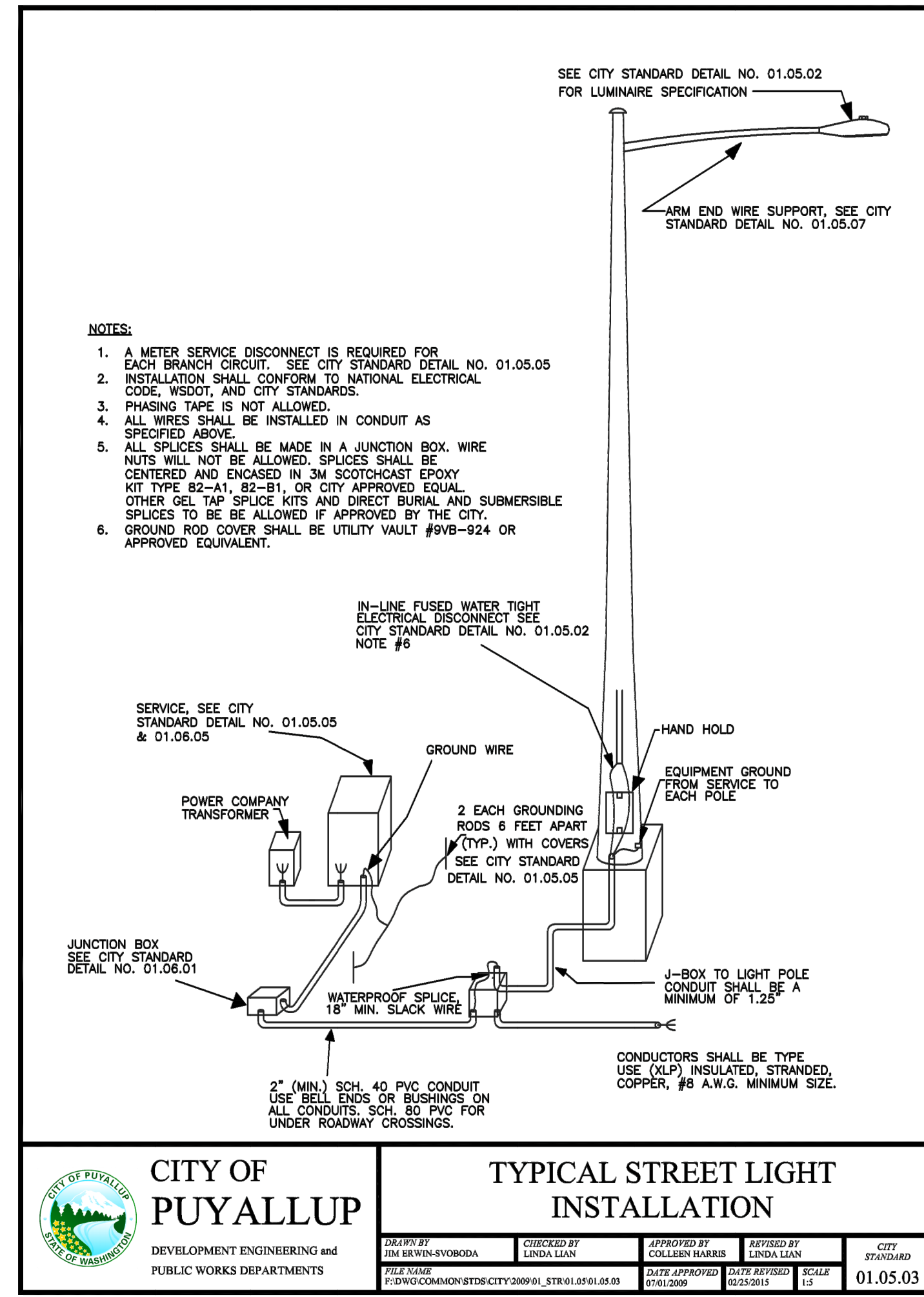
COOPERBERRY STREET LIGHTING
4018 10TH STREET EAST
PUYALLUP, WA 98374
STREET LIGHTING SCHEDULES/DETAILS

REVISIONS:

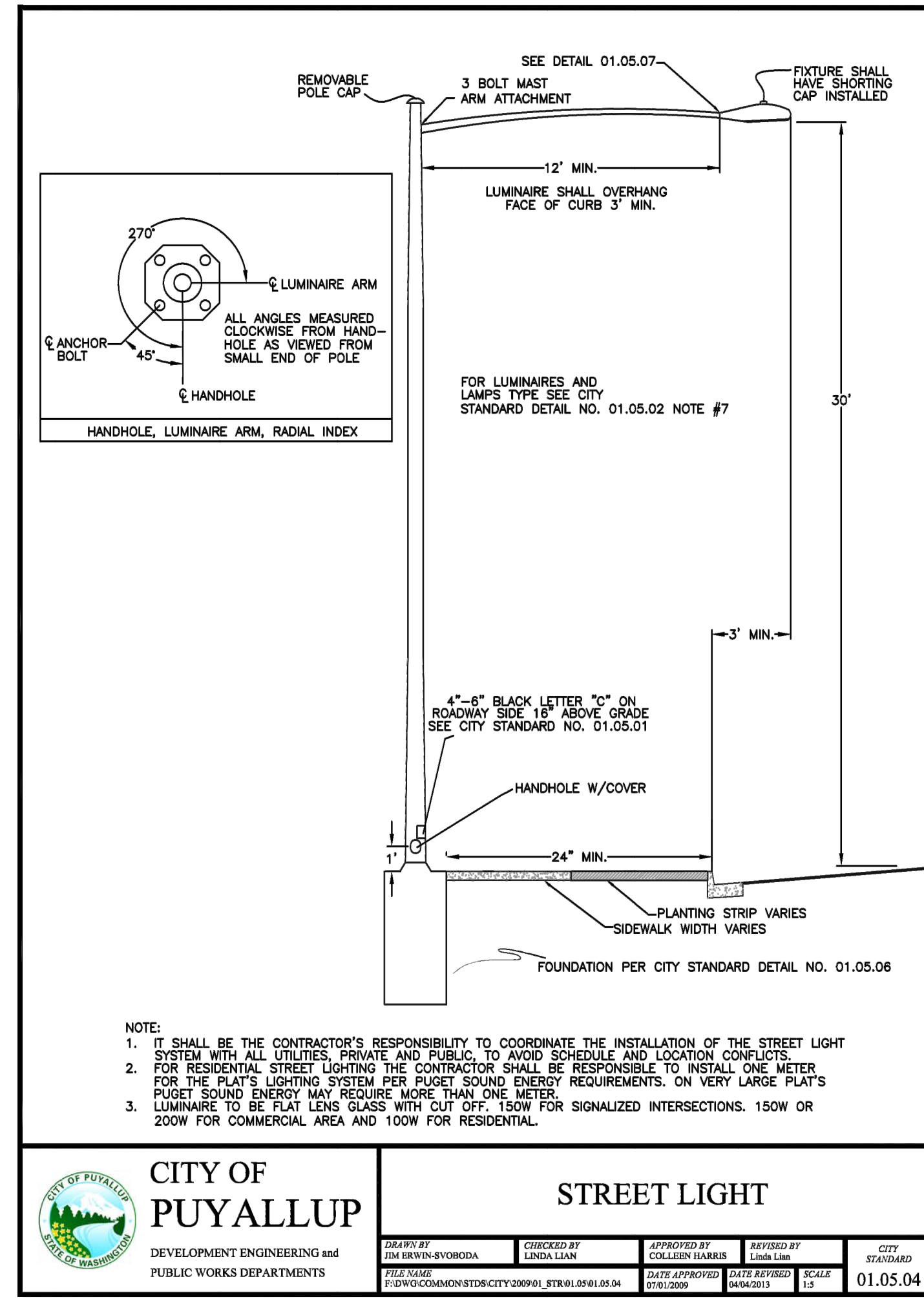


SCALE: AS NOTED	SHEET
DATE: 8-8-2023	E3
DRAWN BY: SUK	
CHECKED BY: SLH	
JOB NO.: 23-101	OF -

PERMIT SUBMITTAL



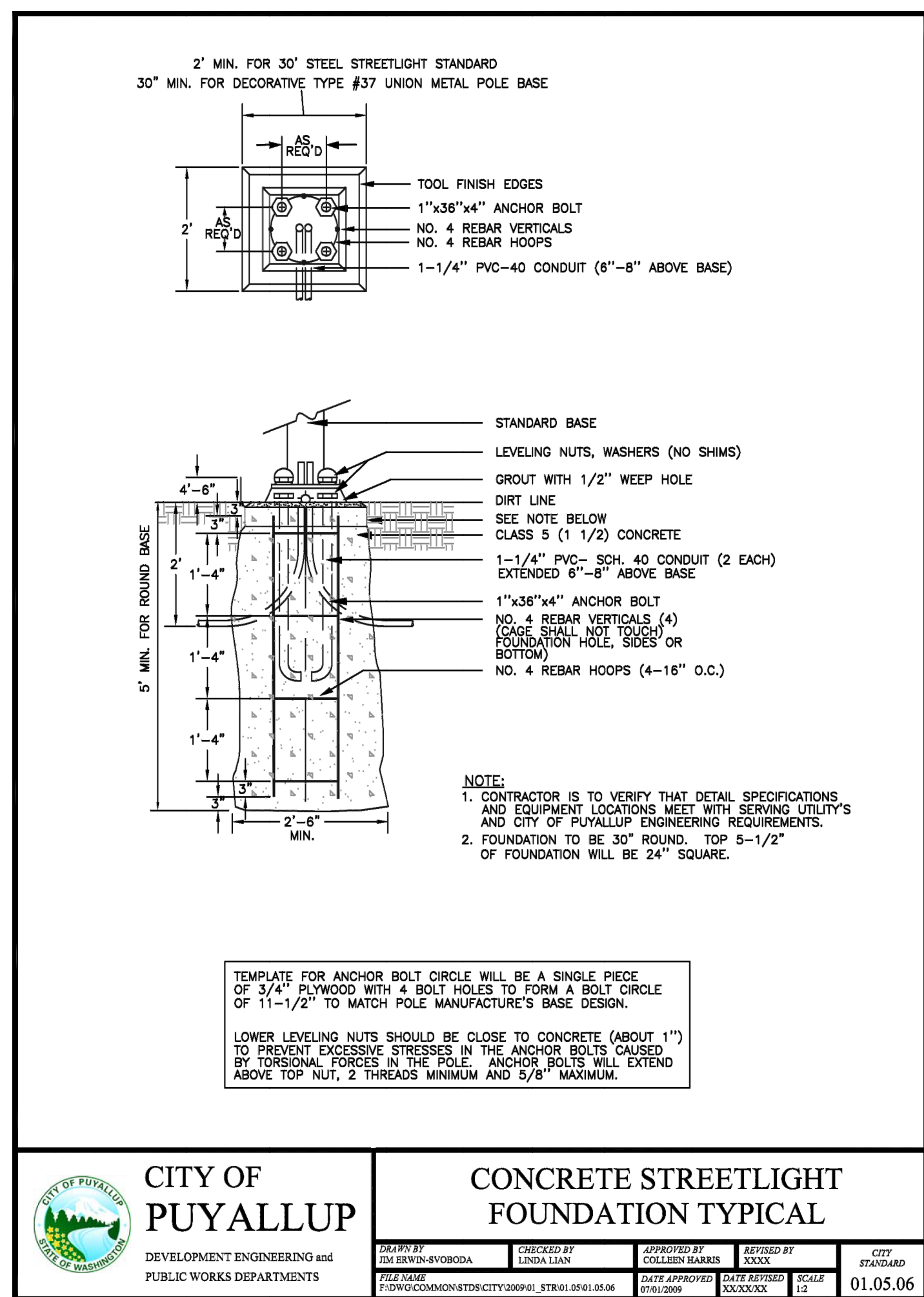
CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	TYPICAL STREET LIGHT INSTALLATION				CITY STANDARD 01.05.03
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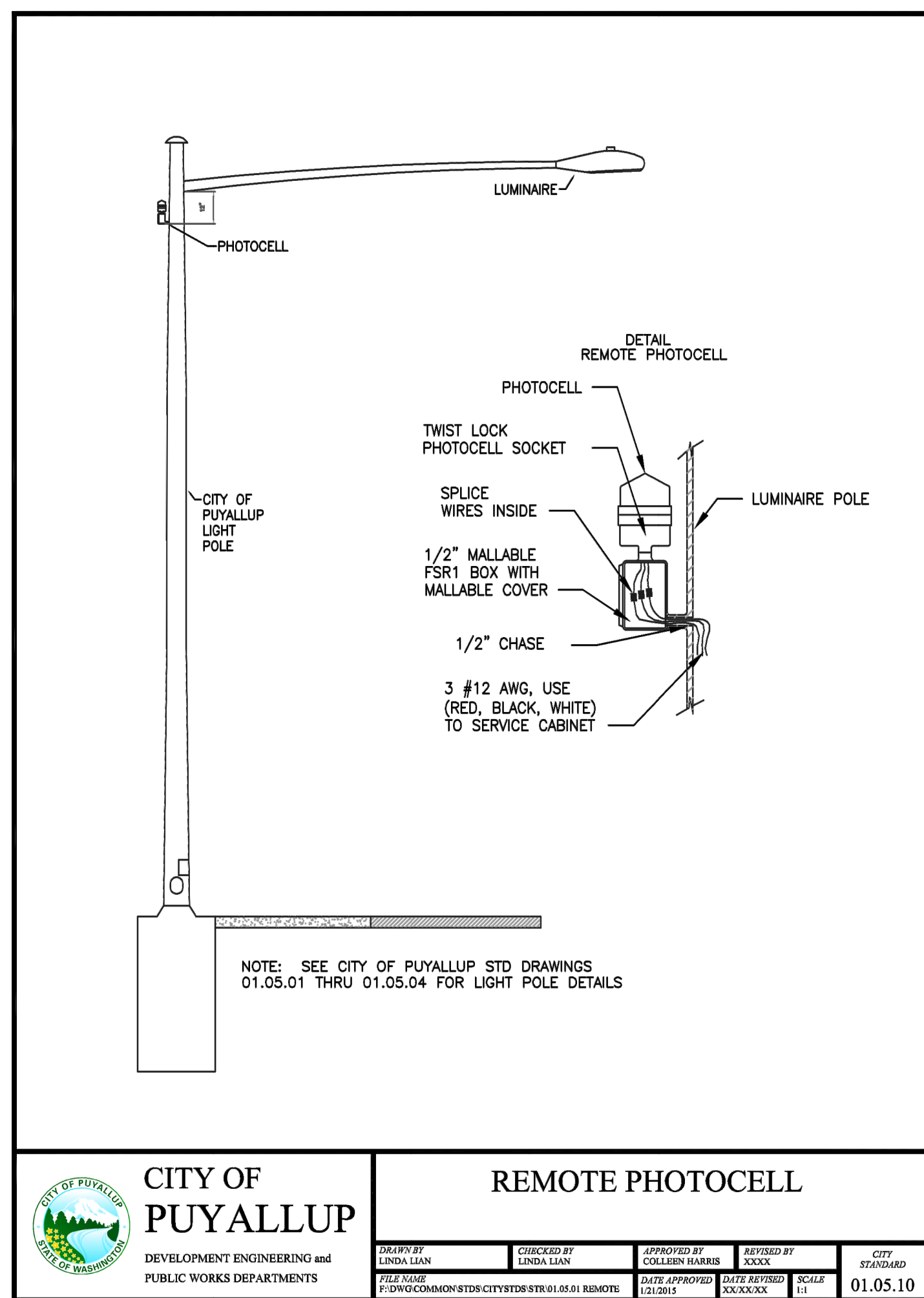
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GENERAL NOTES:

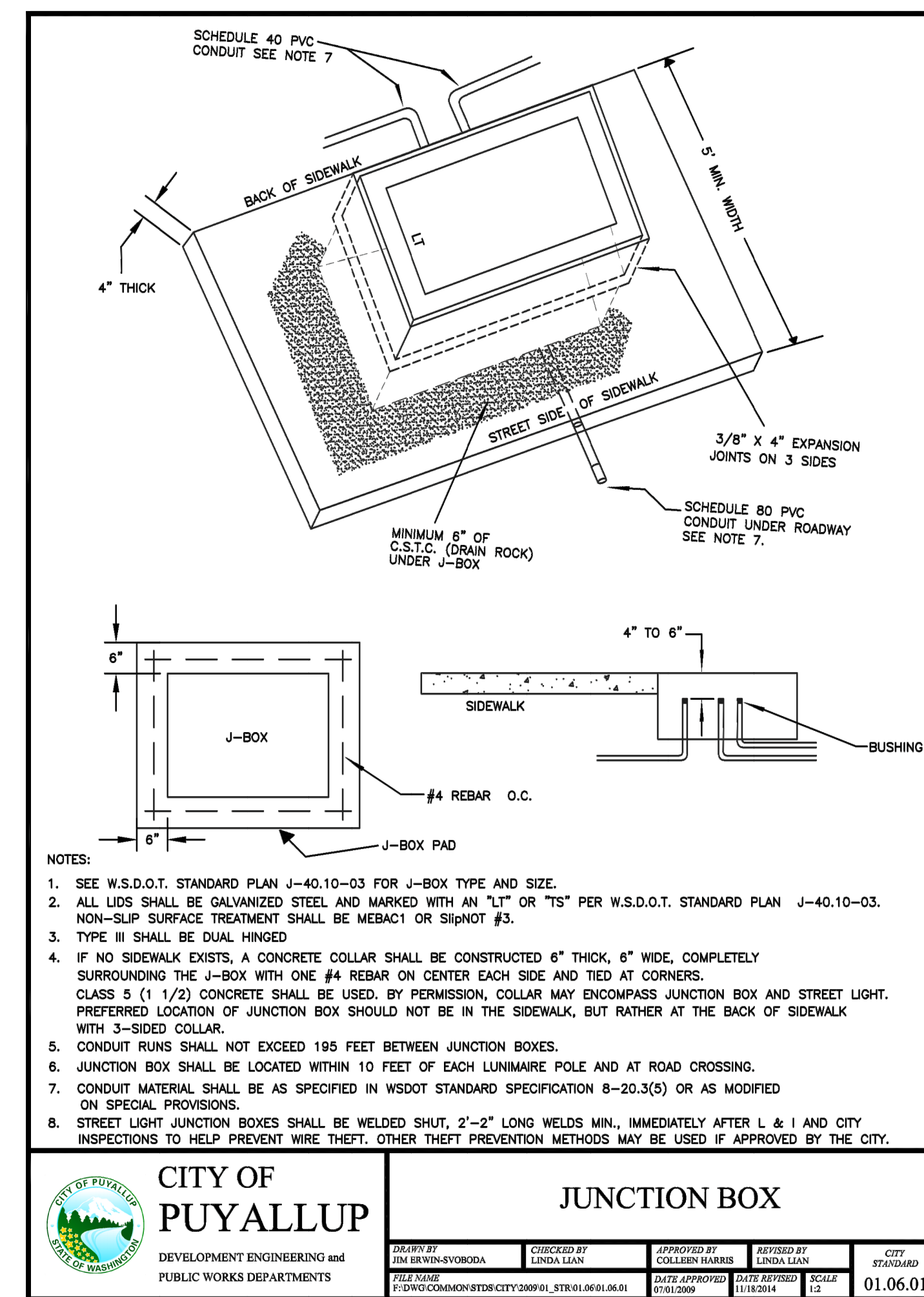
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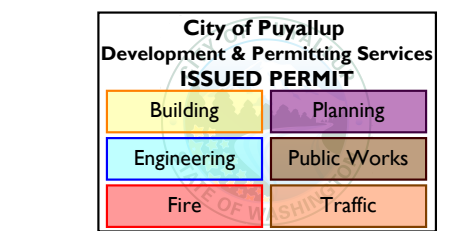
CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	CONCRETE STREETLIGHT FOUNDATION TYPICAL				CITY STANDARD 01.05.06
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CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	REMOTE PHOTOCELL				CITY STANDARD 01.05.10
	DRAWN BY: LINDA LIAN	CHECKED BY: LINDA LIAN	APPROVED BY: COLLEEN BARBIS DATE APPROVED: 02/10/14	REVISED BY: COLLEEN BARBIS DATE REVISED: 02/27/15	



CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	JUNCTION BOX				CITY STANDARD 01.06.01
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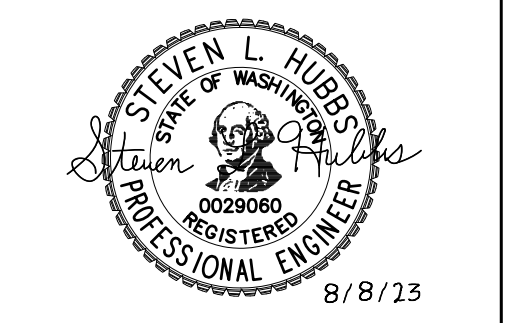
PERMIT SUBMITTAL

CROSS ENGINEERS, INC

523 Martin Luther King Jr. Way
Tacoma, WA 98405
info@crossengineers.com
Phone: (253) 759-0718
Job Number: 23-101

**COOPERBERRY STREET LIGHTING
4018 10TH STREET EAST
PUYALLUP, WA 98374**

REVISIONS:



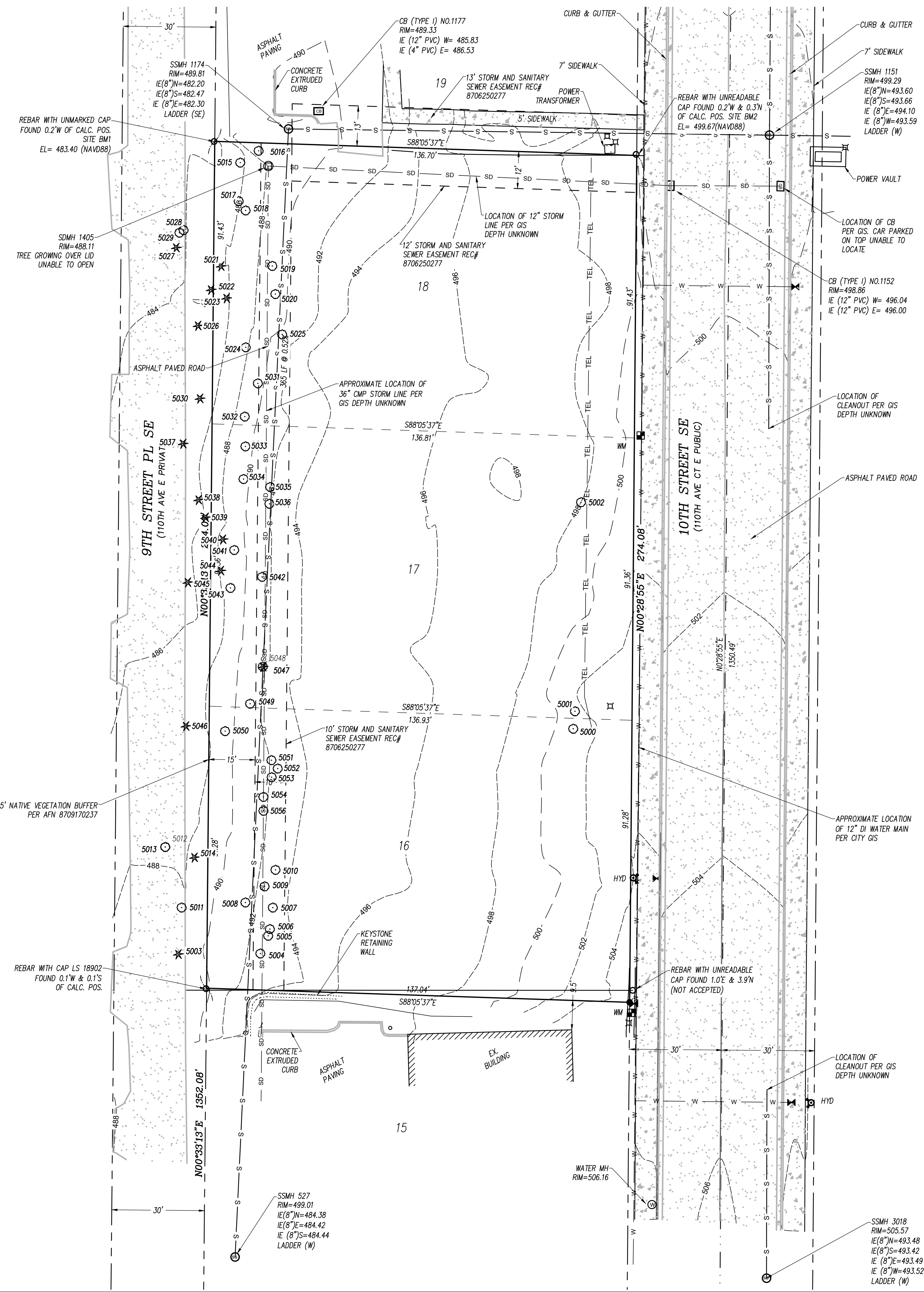
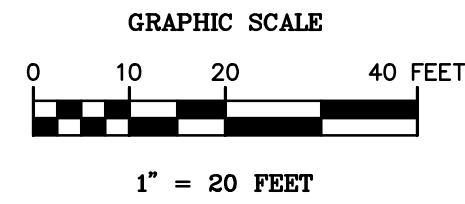
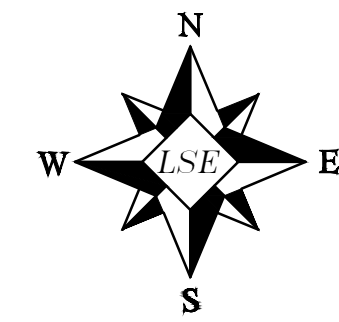
SCALE: AS NOTED	SHEET
DATE: 8-8-2023	E4
DRAWN BY: SJK	
CHECKED BY: SLH	
JOB NO.: 23-101	OF -

TOPOGRAPHIC SURVEY

FOR
BRCF

RONALD H. MCCOMBS AND ROBIN B. MCCOMBS
A PORTION OF THE NW 1/4 OF THE NE 1/4 OF
SECTION 10, TOWNSHIP 19 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN
COUNTY OF PIERCE, STATE OF WASHINGTON

PRELIMINARY



LEGAL DESCRIPTION:
PER RAINIER TITLE ALTA COMMITMENT FOR TITLE INSURANCE FILE NUMBER 782590RT:
LOTS 16, 17, AND 18, HARTLAND, ACCORDING TO THE PLAT THEREOF RECORDED UNDER
RECORDING NO. 8008200268, RECORDS OF PIERCE COUNTY, WASHINGTON;
SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

BASIS OF BEARINGS:
THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION
10, TOWNSHIP 19 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN (N00°33'13"E)

SURVEY PERFORMED BY:
LEROY SURVEYORS & ENGINEERS, INC.
DATE: 05/25/2021

REFERENCE MATERIAL:
HARTLAND PLAT REC# 8008200268
(R1) RECORD OF SURVEY REC# 20081175004

METHODOLOGY:
THIS SURVEY WAS PERFORMED VIA CONVENTIONAL AND RADIAL SURVEY METHODS AND
MEET OR EXCEED THE ACCURACY REQUIREMENTS AS SET FORTH BY WAC 332.130.090

THIS SURVEY COMPLIES WITH THE STANDARDS AND GUIDELINES OF THE "SURVEY
RECORDING ACT" CHAPTER 58.09 RCW

EQUIPMENT USED:
TRIMBLE S7 2 SECOND TOTAL STATION
GEOMAX ZOOM 90 2 SECOND ROBOTIC TOTAL STATION
TOPCON HYPER V GPS RECEIVER

VERTICAL DATUM:
ESTABLISHED USING GPS RTK ROVER CONSTRAINED TO PIERCE COUNTY CONTINUOUSLY
OPERATING REFERENCE STATIONS (CORS) GEOID 12B (NAVD 88). SITE BENCHMARKS ARE
THE REBARS WITH CAPS FOUND AT THE NORTHWEST AND NORTHEAST CORNERS OF LOT
18, HARTLAND REC# 8008200268, AND NOTED HEREON.

SURVEYOR'S NOTE:
NO PUBLIC OR PRIVATE "UTILITY LOCATES" WERE ORDERED FOR THIS SURVEY. THEREFORE,
WE DO NOT PURPORT SHOW ALL UTILITIES THAT MAY OR MAY NOT EXIST AT THE TIME
OF THIS SURVEY AND ONLY ABOVE GROUND VISIBLE UTILITIES ARE SHOWN HEREON.

THE EASEMENTS SHOWN HEREON ARE PER RAINIER TITLE ALTA COMMITMENT FOR TITLE
INSURANCE FILE NUMBER 782590RT DATED JANUARY 15, 2021:

LEGEND

- ◆ FOUND MONUMENT AS NOTED
- REBAR WITH CAP LS 45788 SET THIS SURVEY
- OTHER CORNERS FOUND AS NOTED
- ⊕ FIRE HYDRANT
- ⊕ WATER VALVE LID
- ⊕ WATER MANHOLE
- ⊕ WATER METER
- ⊕ GAS METER
- ⊕ TELEPHONE RISER
- ⊕ STORM DRAIN MANHOLE
- ⊕ SANITARY SEWER MANHOLE
- MONUMENTED CENTERLINE
- - - SUBJECT PARCEL BOUNDARY
- - - EXISTING EASEMENT LINE
- - - RIGHT OF WAY MARGIN
- - - ORANGE PAINT MARKS
- - - SANITARY SEWER LINE

TREE SCHEDULE		TREE SCHEDULE		TREE SCHEDULE	
POINT #	DESCRIPTION	STATUS	POINT #	DESCRIPTION	STATUS
5000	MAPLE* 14		5019	COTTONWOOD* 14	
5001	MAPLE* 9		5020	COTTONWOOD* 16	
5002	COTTONWOOD* 22		5021	FIR* 16	
5003	FIR* 16		5022	FIR* 15	
5004	COTTONWOOD* 9		5023	FIR* 14	
5005	COTTONWOOD* 9		5024	COTTONWOOD* 7	
5006	COTTONWOOD* 22		5025	COTTONWOOD* 8	
5007	COTTONWOOD* 11		5026	FIR* 13	
5008	COTTONWOOD* 8		5027	FIR* 6	
5009	COTTONWOOD* 10		5028	COTTONWOOD* 17	
5010	COTTONWOOD* 8		5029	COTTONWOOD* 9	
5011	ALDER* 9		5030	FIR* 12	
5012	ALDER* 11		5031	COTTONWOOD* 9	
5013	ALDER* 11		5032	COTTONWOOD* 16	
5014	CEDAR* 18		5033	COTTONWOOD* 10	
5015	COTTONWOOD* 16		5034	MAPLE* 10	
5016	ALDER* 10		5035	COTTONWOOD* 24	
5017	COTTONWOOD* 12		5036	COTTONWOOD* 11	
5018	COTTONWOOD* 10		5037	FIR* 12	
5038	FIR* 15		5040	FIR* 17	
5039	FIR* 25		5041	COTTONWOOD* 11	
5040	FIR* 17		5042	COTTONWOOD* 12	
5041	COTTONWOOD* 11		5043	COTTONWOOD* 12	
5042	COTTONWOOD* 12		5044	FIR* 8	
5043	COTTONWOOD* 12		5045	FIR* 14	
5044	FIR* 8		5046	FIR* 30	
5045	FIR* 14		5047	FIR* 18	
5046	FIR* 30		5049	COTTONWOOD* 12	
5047	FIR* 18		5050	COTTONWOOD* 10	
5049	COTTONWOOD* 12		5051	COTTONWOOD* 12	
5050	COTTONWOOD* 10		5052	COTTONWOOD* 14	
5051	COTTONWOOD* 12		5053	COTTONWOOD* 13	
5052	COTTONWOOD* 14		5054	COTTONWOOD* 14	
5053	COTTONWOOD* 13		5056	COTTONWOOD* 14	
5054	COTTONWOOD* 14				
5056	COTTONWOOD* 14				

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

JOB NO.	13410
CLIENT NAME:	BRCF
SITE ADDRESS:	4002 10TH STREET SE
PUYALLUP, WA	98374
PARCEL NUMBER(S)	4389000180, 0170 & 0160
DRAWN:	P.A.K.
APPROVED:	P.A.K.

BEFORE ANY CONSTRUCTION CONTACT:
CALL BEFORE YOU DIG @ 1-800-424-5555

SITE CONDITIONS
ON 05/25/2021
SITE ADDRESS
4002 10TH STREET SE
PUYALLUP, WA 98374

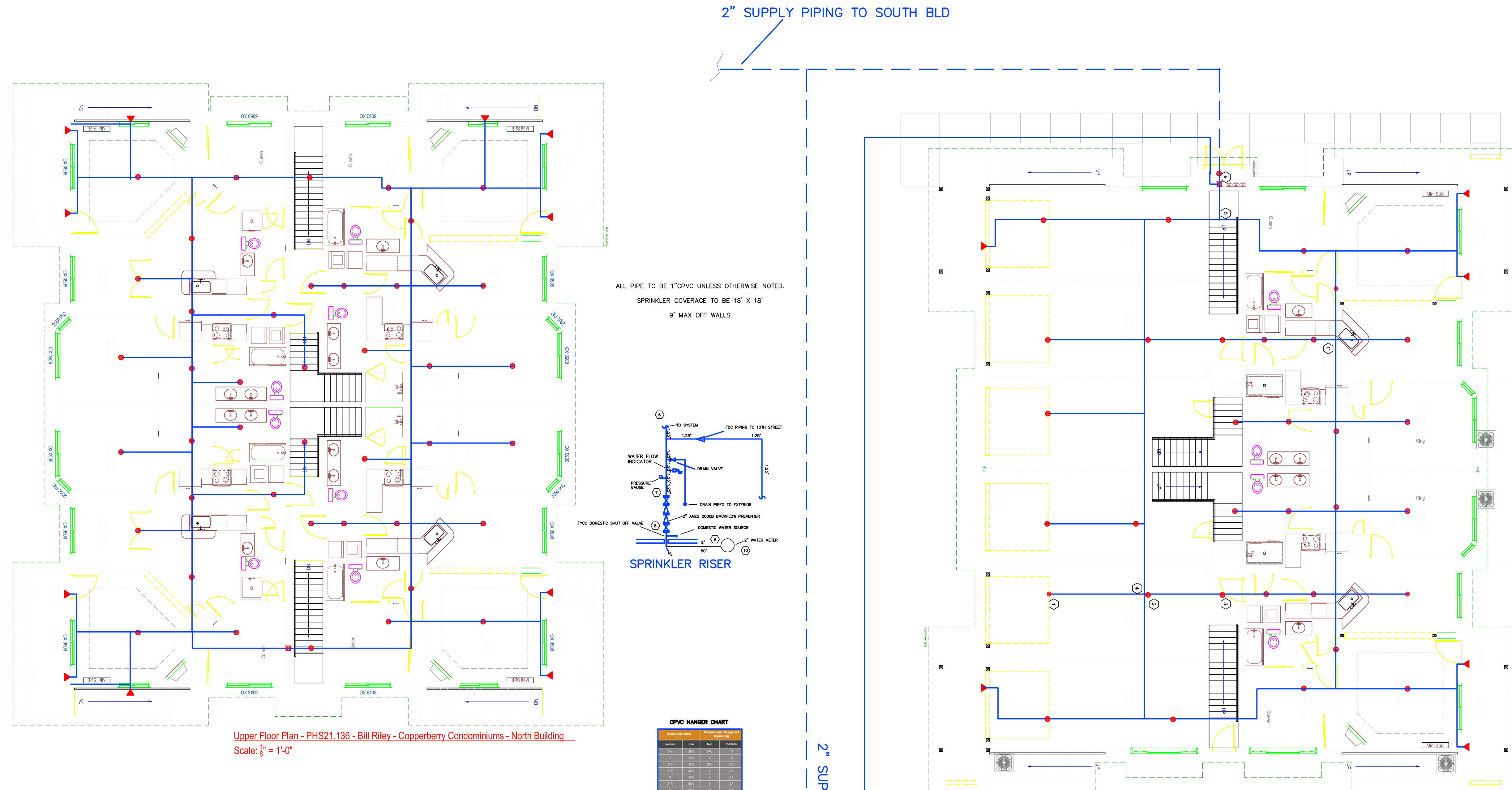
LEROY
SURVEYING
ENGINEERING
SEPTIC DESIGN
GPS
GIS MAPPING

LEROY SURVEYORS & ENGINEERS
P.O. Box 740 Puyallup, Washington 98371
(253) 846-6808 Fax: (253) 846-0440
www.leroyinc.com

TOPOGRAPHIC SURVEY
FOR
BILL RILEY
A PORTION OF THE NW 1/4 OF THE NE 1/4 OF
SECTION 10, TOWNSHIP 19 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN
COUNTY OF PIERCE, STATE OF WASHINGTON

TOPOGRAPHY
SHEET 1 OF 1

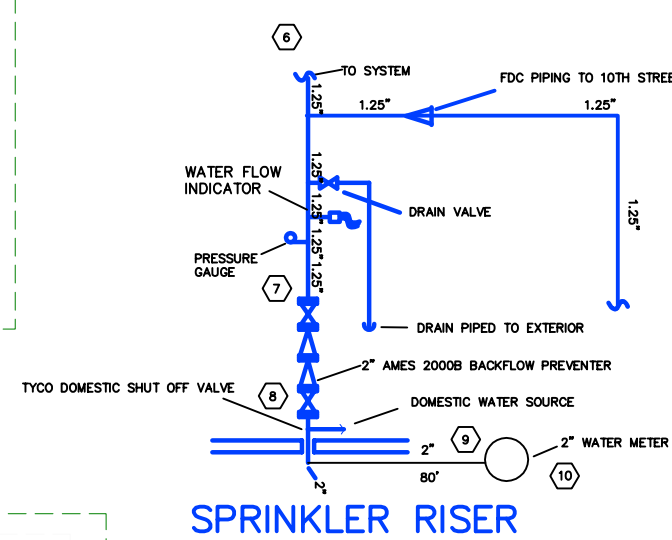
LAST EDITED: 5/20/2021 8:37 AM BY: jshuhne



Upper Floor Plan - PHS21.136 - Bill Riley - Copperberry Condominiums - North Building
Scale: 1/8" = 1'-0"

Main Floor Plan - PHS21.136 - Bill Riley - Copperberry Condominiums - North Building
Scale: 1/8" = 1'-0"

ALL PIPE TO BE 1" CPVC UNLESS OTHERWISE NOTED.
SPRINKLER COVERAGE TO BE 18' X 18'
9' MAX OFF WALLS



CPVC HANGER CHART

Minimum Spacing	Maximum Spacing	Minimum Spacing	Maximum Spacing
10'	12'	10'	12'
12'	14'	12'	14'
14'	16'	14'	16'
16'	18'	16'	18'
18'	20'	18'	20'
20'	22'	20'	22'
22'	24'	22'	24'
24'	26'	24'	26'
26'	28'	26'	28'
28'	30'	28'	30'
30'	32'	30'	32'
32'	34'	32'	34'
34'	36'	34'	36'
36'	38'	36'	38'
38'	40'	38'	40'
40'	42'	40'	42'
42'	44'	42'	44'
44'	46'	44'	46'
46'	48'	46'	48'
48'	50'	48'	50'

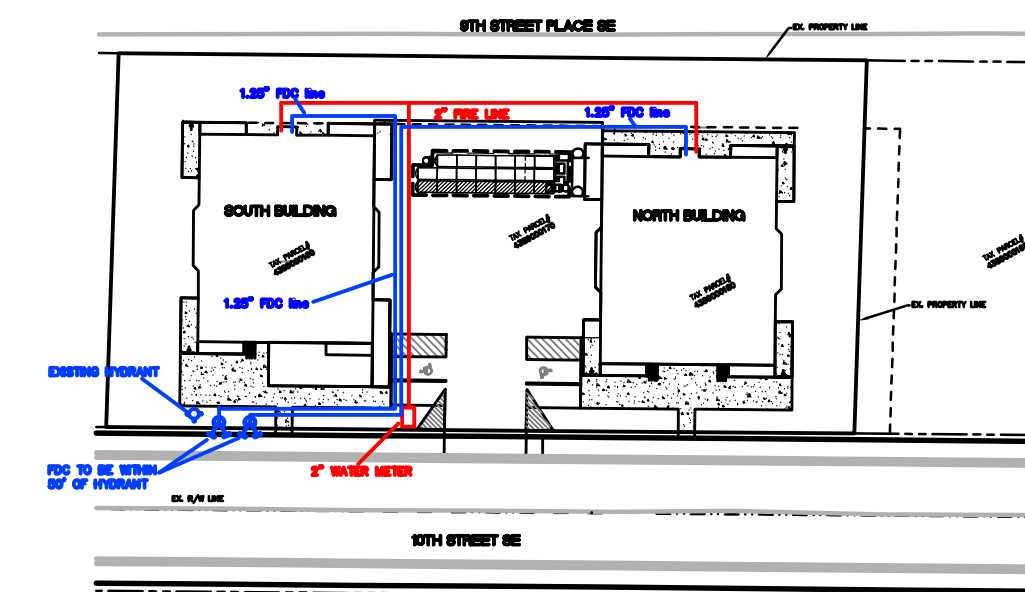
EXISTING HYDRANT

FDC TO BE WITHIN 50' OF HYDRANT

2" WATER METER

2" SUPPLY PIPING

10TH STREET SE



City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

Stamp

WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE PROTECTION SPRINKLER SYSTEMS

Michael D. Hutchinson
1166-0599-BG - Level 2
Evergreen Fire Protection, Inc.
EVERGFP967LZ

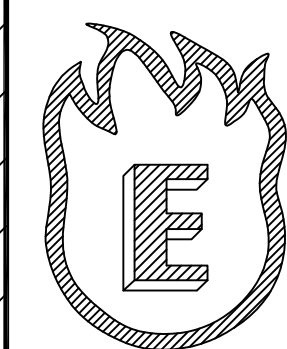
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Expires DEC 31, 21

General Notes

- OWNER TO PROVIDE ADEQUATE HEAT (40F. MIN) TO PREVENT SPRINKLER PIPES FROM FREEZING.
- CPVC PIPE SHALL HAVE HANGERS 6'-0" c/c AND NOT MORE THAN 6" FROM ANY SPRINKLER HEAD.
- ALL ATTIC PIPING TO BE TENTED WITH BATT INSULATION TO PREVENT FREEZING. GARAGE LEVEL PIPING TO BE REVERSE TENTED TO PREVENT FREEZING.
- ALL PIPING TO BE 1" C.P.V.C. U.N.O.

Sprinkler Symbol Legend both sheets total

SYM	SPRINKLER ORIFICE SIZE, TYPE & FINISH	QUAN	TEMP	K FACTOR
●	RELIABLE F1 RES 49 18'x18'	77	155°	4.9
●	RELIABLE F1 RES 49 18'x18'	0	175°	4.9
TOTAL		77		



EVERGREEN FIRE PROTECTION INC.
PO BOX 998
Puyallup, WA 98371
EVERGFP967LZ
Phone: (253) 252-7942

Sheet Title

NFPA 13R FIRE PLAN
Copperberry Condominiums North Bld.

Job Title

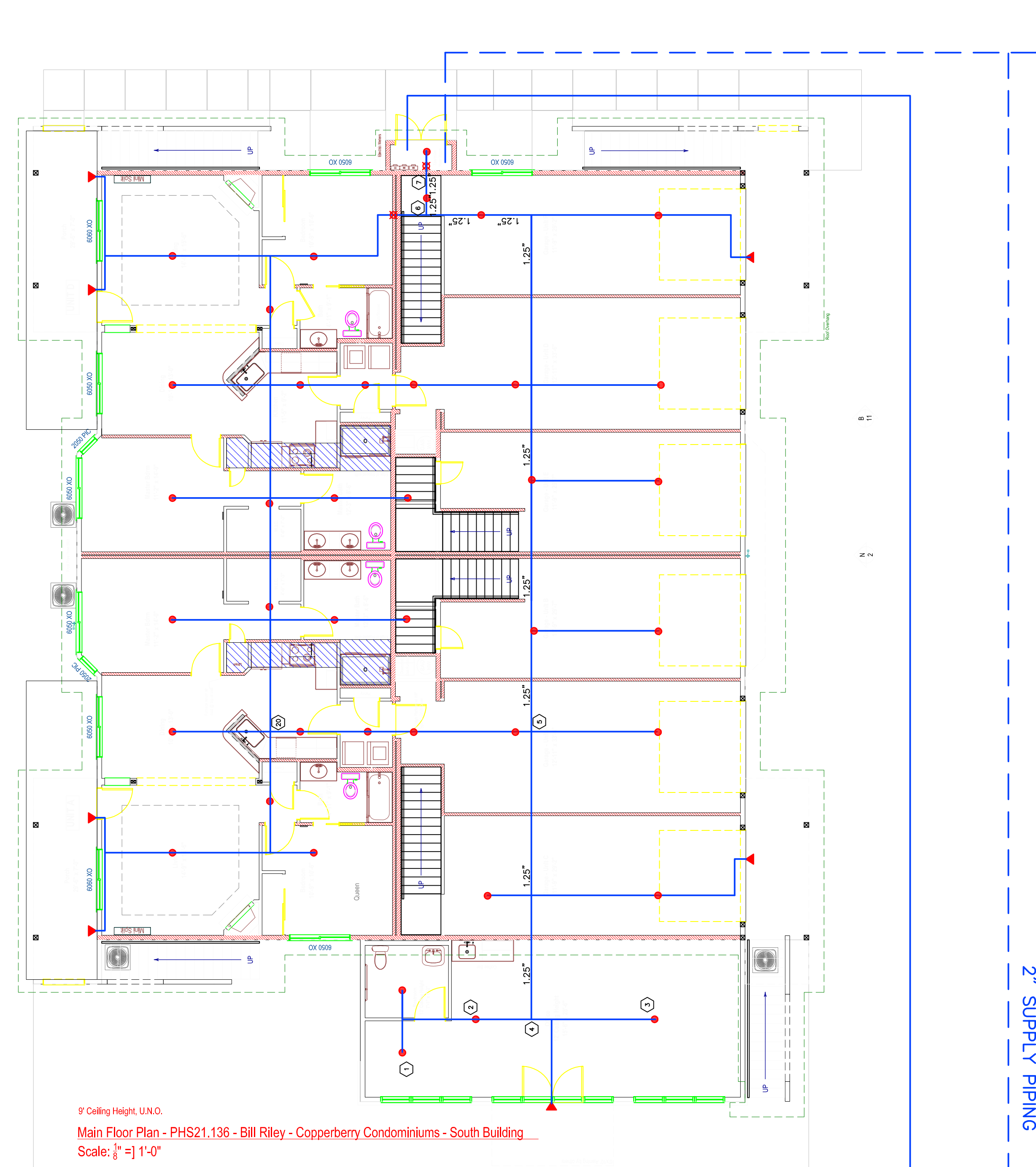
NFPA 13R FIRE PLAN
4002 10th St se, Puyallup

DATE: 4/20/2023

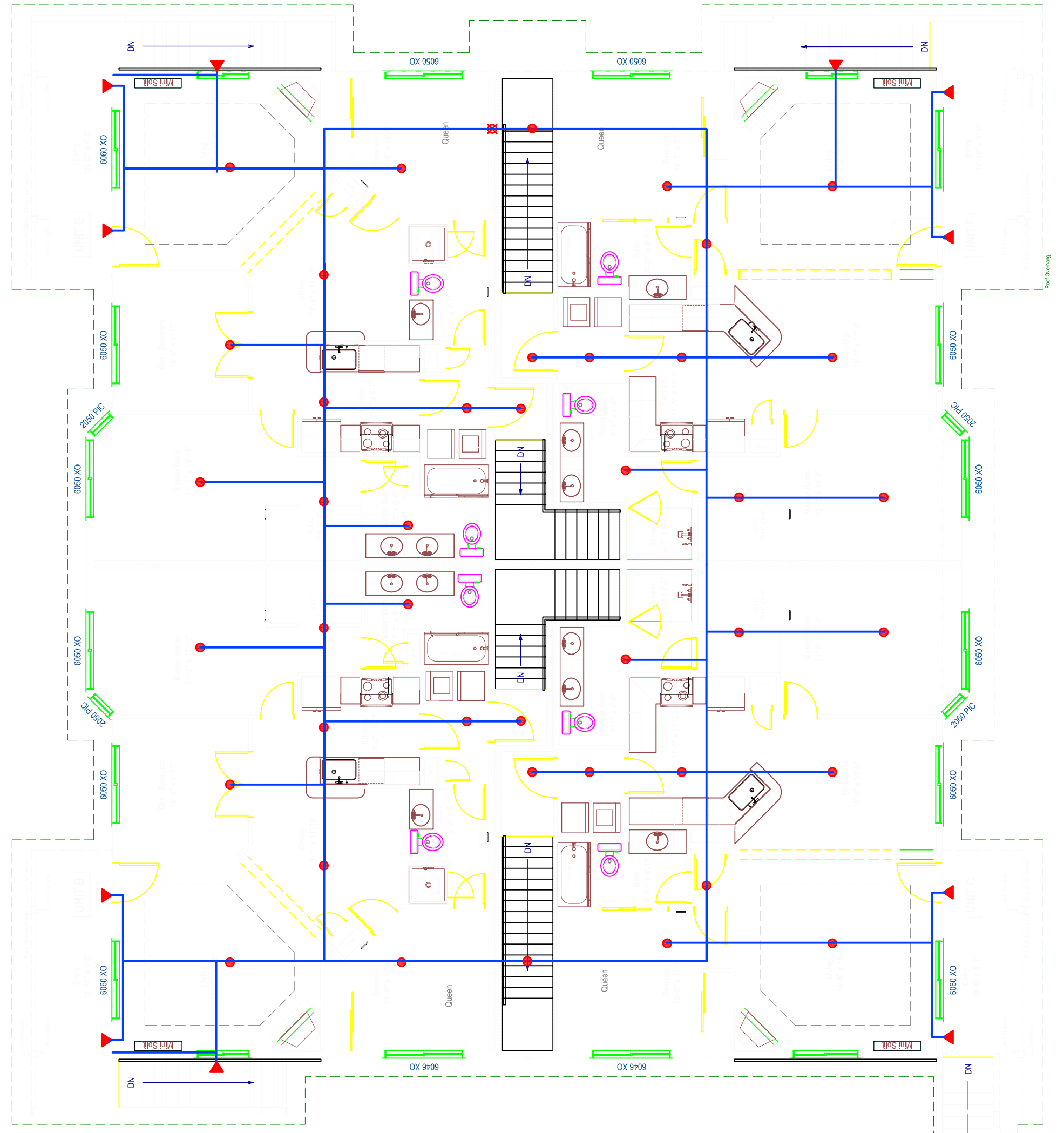
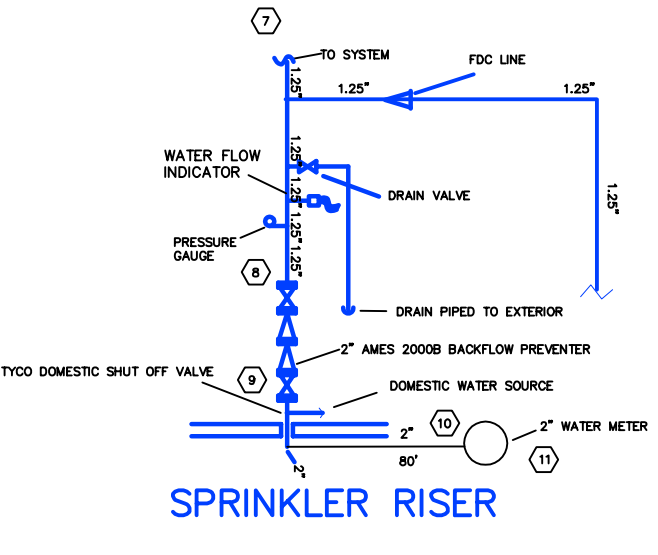
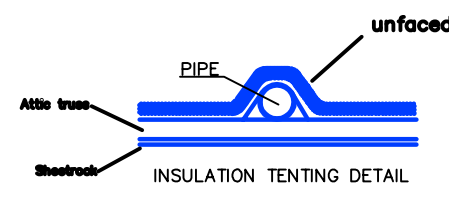
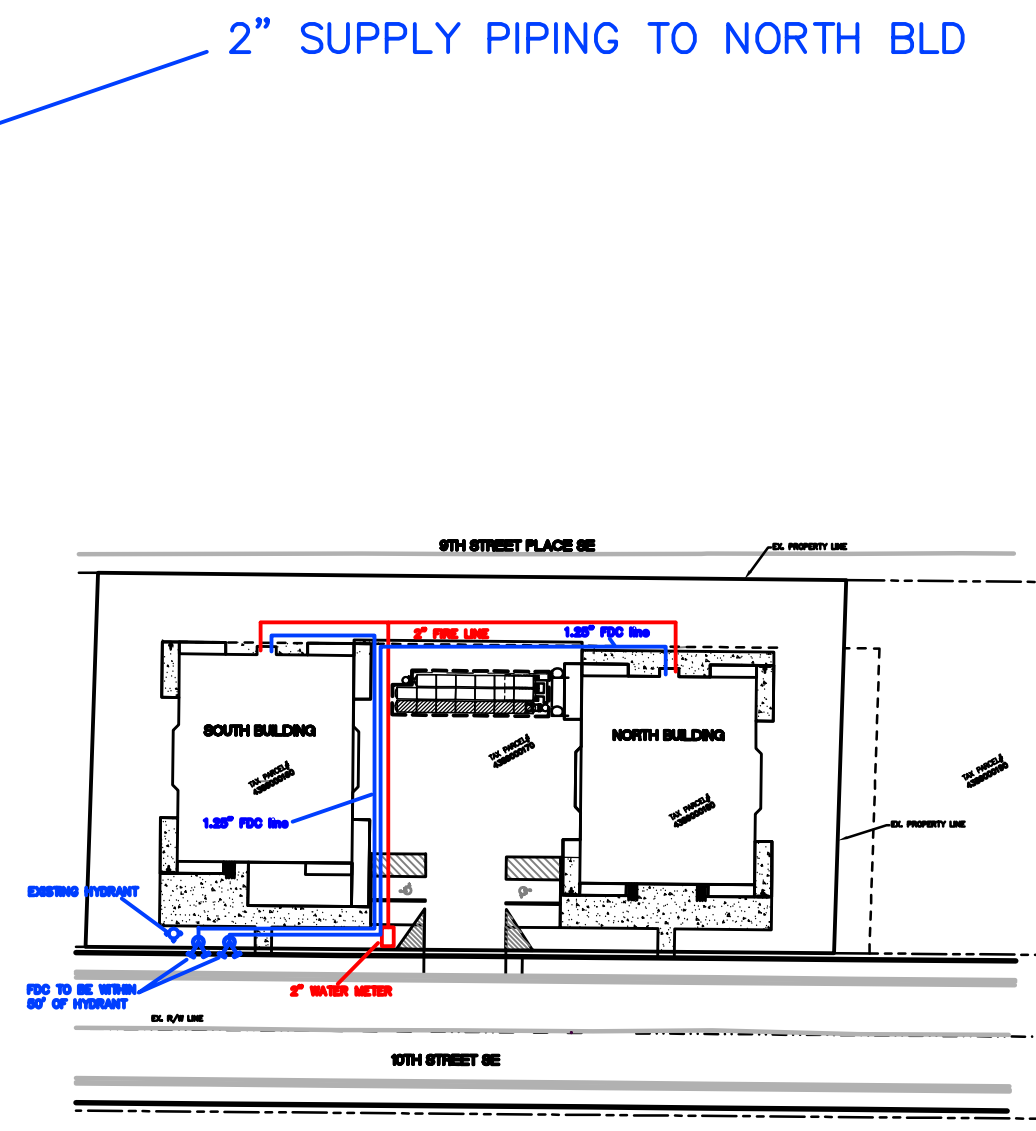
REV:

DRAWN: MH

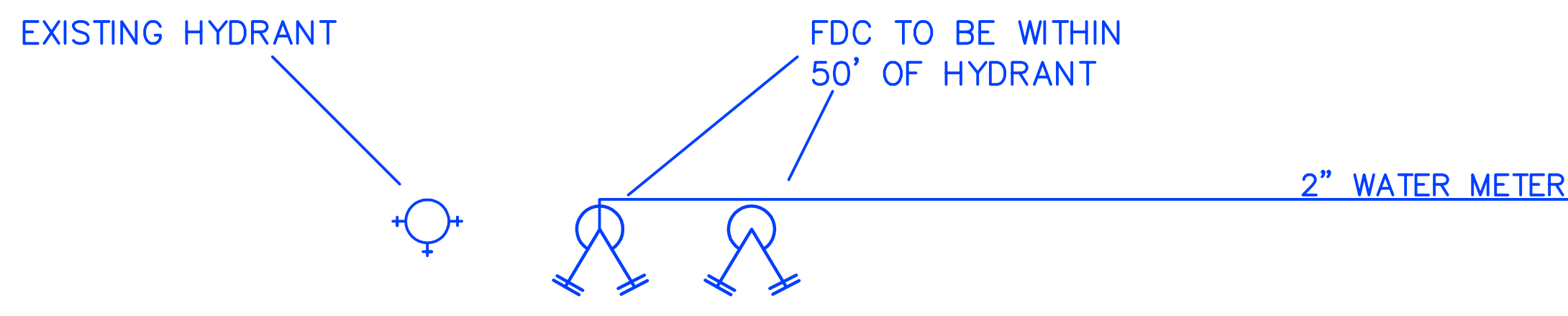
SHEET: 1 OF 2



9' Ceiling Height, U.N.O.
 Main Floor Plan - PHS21.136 - Bill Riley - Copperberry Condominiums - South Building
 Scale: 1/8" = 1'-0"



Upper Floor Plan - PHS21.136 - Bill Riley - Copperberry Condominiums - South Building
 Scale: 1/8" = 1'-0"



ALL PIPE TO BE 1"OPVC UNLESS OTHERWISE NOTED.
 SPRINKLER COVERAGE TO BE 18' X 18'
 9' MAX OFF WALLS
 DRY SPRINKLERS TO BE 16' X 16'
 8' MAX OFF WALLS

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

Stamp

WASHINGTON STATE
 CERTIFICATE OF COMPETENCY
 FIRE PROTECTION SPRINKLER SYSTEMS

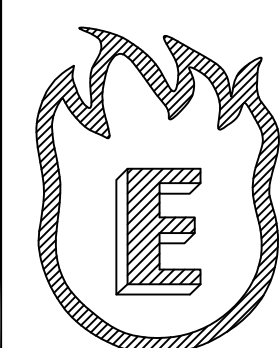
Michael D. Hutchinson
 1166-0599-BG - Level 2
 Evergreen Fire Protection, Inc.
 EVERGFP967LZ

Signature _____ Date _____ Expires DEC 31, 21

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 - ALL PIPING TO BE 1" C.P.V.C. U.N.O.

Sprinkler Symbol Legend both sheets total

SYM	SPRINKLER ORIFICE SIZE, TYPE & FINISH	QUAN	TEMP	K FACTOR
●	RELIABLE F1 RES 49 18"x18"	77	155°	4.9
▼	Reliable RES 44 DRY SIDEWALL 16' X 20'	18	155°	4.4
TOTAL		95		



EVERGREEN FIRE PROTECTION INC.
 PO BOX 998
 Puyallup, WA 98371
 EVERGFP967LZ
 Phone: (253) 252-7942

Sheet Title
**NFPA 13R FIRE PLAN
 Copperberry Condominiums South Bld.**

Job Title
 NFPA 13R FIRE PLAN
 4002 10th St se, Puyallup