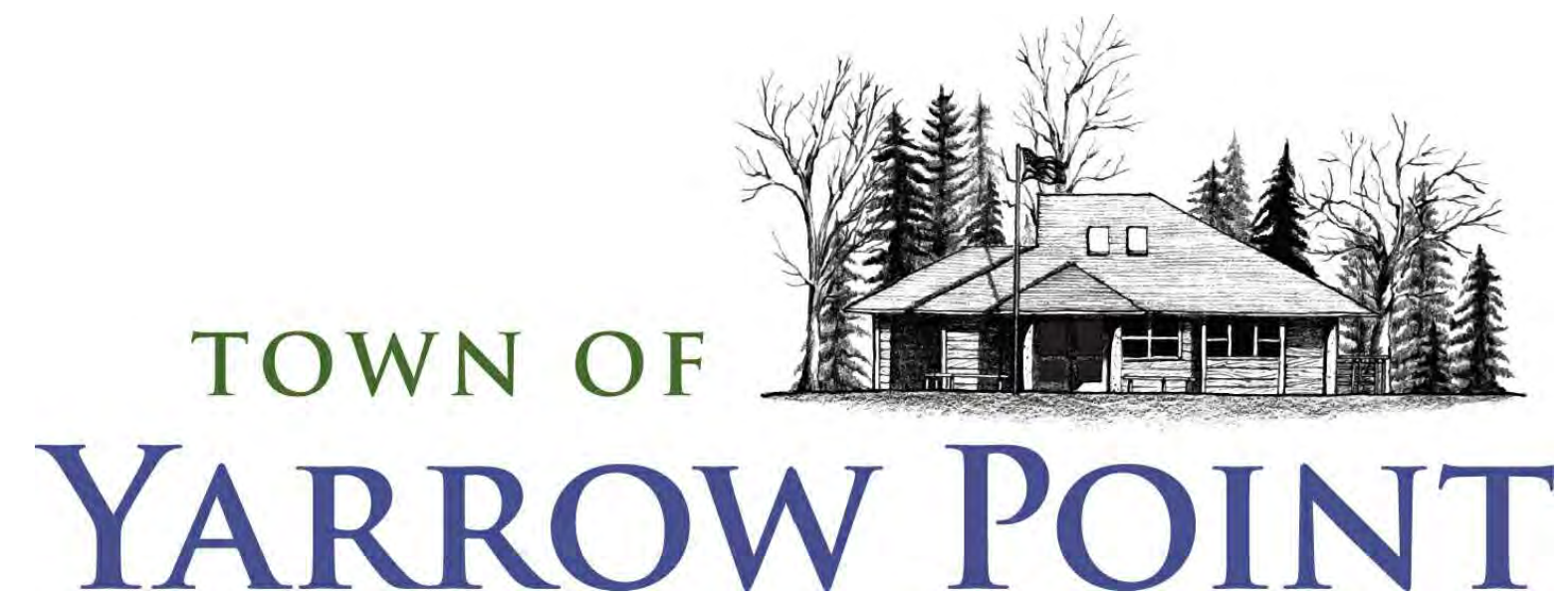


TOWN OF YARROW POINT

KING COUNTY

WASHINGTON

TOWN WIDE STORMWATER AND UGC PROJECT



TOWN OFFICIALS

KATY HARRIS

Mayor

STEPHAN LANGERHOLM

STEVE BUSH

CHUCK PORTER

Town Council

MICHAEL HYMAN

KATHY SMITH

Town Council

STACIA SCHROEDER, P.E.

TOWN ENGINEER

BONNIE RITTER

CLERK-TREASURER

APPROVAL FOR CONSTRUCTION
Stacia Schroeder
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025



3710 168TH STREET NE, BLDG. B, SUITE 210
ARLINGTON, WASHINGTON 98223 (360) 454-5490

JANUARY 2024
G&O JOB #23445



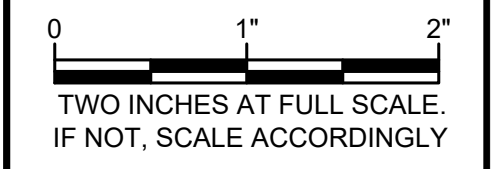


TOWN OF YARROW POINT

TOWN WIDE STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: LEGEND.DWG



CIVIL

VICINITY & LOCATION MAPS, SYMBOL LEGEND, ABBREVIATIONS AND INDEX

DRAWING: **1** OF: **40**

ABBREVIATIONS

| | |
|-------|---|
| AC | ASBESTOS CEMENT PIPE |
| ADJ | ADJUST |
| ALT | ALTERNATE |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE |
| ASPH | ASPHALT |
| ASTM | AMERICAN SOCIETY OF TESTING AND MATERIALS |
| AVE | AVENUE |
| BLDG | BUILDING |
| BO | BLOW OFF |
| BOP | BEGINNING OF PROJECT |
| C | CONDUIT |
| CB | CATCH BASIN |
| CF | CUBIC FEET |
| CFS | CUBIC FEET PER SECOND |
| CMP | CORRUGATED METAL PIPE |
| CO | CLEANOUT |
| CONC | CONCRETE |
| CONT | CONTINUED/CONTINUOUS |
| CPEP | CORRUGATED POLYETHYLENE PIPE |
| CTR | CENTER |
| CY | CUBIC YARD |
| CL | CENTER LINE |
| DI | DUCTILE IRON |
| DIA | DIAMETER |
| DIM | DIMENSION |
| DWGS | DRAWING (S) |
| E | EAST |
| EA | EACH |
| EL | ELEVATION |
| ELEC | ELECTRICAL |
| EOP | END OF PROJECT |
| EX | EXISTING |
| FIG | FIGURE |
| FT | FEET |
| GA | GAUGE |
| GALV | GALVANIZED |
| HDPE | HIGH DENSITY POLYETHYLENE PIPE |
| ID | INSIDE DIAMETER |
| IE | INVERT ELEVATION |
| IN | INCH |
| INV | INVERT |
| L | LENGTH |
| LB | POUND |
| LF | LINEAR FEET |
| MAX | MAXIMUM |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| N | NORTH |
| NO | NUMBER |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| PERF | PERFORATED |
| PP | POWER POLE |
| PVC | POLYVINYL CHLORIDE |
| PVMT | PAVEMENT |
| QTY | QUANTITY |
| R | RADIUS |
| R/W | RIGHT-OF-WAY |
| REINF | REINFORCE |
| RR | RAILROAD |
| S | SOUTH |
| SCH | SCHEDULE |
| SF | SQUARE FEET |
| SHT | SHEET |
| SQ | SQUARE |
| STA | STATION |
| STD | STANDARD |
| TC | TOP OF CURB |
| TEL | TELEPHONE |
| TESC | TEMPORARY EROSION AND SEDIMENT CONTROL |
| TYP | TYPICAL |
| UGC | UNDERGROUND CONVERSION |
| VERT | VERTICAL |
| W | WEST |
| WI | WITH |
| W/O | WITHOUT |
| WSDOT | WASHINGTON STATE DEPARTMENT OF TRANSPORTATION |

EXISTING LEGEND

| SURFACE FEATURES | DESCRIPTION | SYMBOLS | DESCRIPTION | SYMBOLS | DESCRIPTION |
|------------------|---|---------|---------------------------|---------|-------------------------------|
| --- | CENTER LINES | ⊗ | WATER VALVE | ⊗ | TRAFFIC SIGNAL POLE |
| --- | RIGHT-OF-WAY LINES | ⊗ | HYDRANT | ⊗ | STREET LIGHT |
| --- | LOT LINES | ⊗ | FDC | ⊗ | LUMINAIRE(DOUBLE) |
| --- | WATER LINE | ⊗ | POST INDICATOR VALVE | ⊗ | LUMINAIRE(SINGLE) |
| --- | DITCH LINE | ⊗ | WATER BLOW OFF | ⊗ | PEDESTRIAN LIGHT POLE |
| --- | SANITARY SEWER LINE | ⊗ | WATER METER | ⊗ | AREA LIGHT |
| --- | STORM DRAIN LINE | ⊗ | IRR. CONTROL VALVE | ⊗ | GAS METER |
| --- | GAS LINE | ⊗ | MANHOLES (SS/SD) | ⊗ | GAS VALVE |
| --- | UNDERGROUND POWER LINES | ⊗ | CB | ⊗ | SIGN |
| --- | UNDERGROUND COMMUNICATION LINES (COMCAST/LUMEN) | ⊗ | POWER TRANSFORMER | ⊗ | MAILBOX |
| --- | OVERHEAD UTILITY LINES | ⊗ | POWER/COMM. VAULT | ⊗ | NEWS PAPER BOX |
| --- | HIGH WATER LINE | ⊗ | WATER/UTILITY VAULT | ⊗ | TRASH CAN |
| --- | CHAIN LINK FENCE | ⊗ | POWER MANHOLE | ⊗ | ROCKERY |
| --- | WIRE FENCE | ⊗ | COMM. MANHOLE | ⊗ | SPOT ELEVATION |
| --- | WOOD FENCE | ⊗ | WATER MANHOLE | ⊗ | SIZE & TYPE (CONIFEROUS TREE) |
| --- | EDGE OF ASPHALT | ⊗ | POWER METER | ⊗ | SIZE & TYPE (DECIDUOUS TREE) |
| --- | | ⊗ | SURFACE JUNCTION BOX | ⊗ | MAGNETIC NAIL W/ WASHER |
| --- | | ⊗ | SUBSURFACE JUNCTION BOX | ⊗ | REBAR AND CAP (SET) |
| --- | | ⊗ | POWER/UTILITY POLE | ⊗ | REBAR AND CAP (FOUND) |
| --- | | ⊗ | POWER/UTILITY POLE W/DROP | ⊗ | TACK AND LEAD |
| --- | | ⊗ | ANCHOR POLE | ⊗ | HUB AND TACK |
| --- | | ⊗ | GUY ANCHOR | ⊗ | CASED MONUMENT |
| --- | | ⊗ | | ⊗ | SURFACE MONUMENT |

PROPOSED LEGEND

| SURFACE FEATURES | DESCRIPTION | GAS/POWER/TELEPHONE/CABLE SYMBOLS | DESCRIPTION |
|------------------|------------------------------------|-----------------------------------|---|
| --- | ASPHALT PAVEMENT | ⊗ | SEE UTILITY UNDERGROUND STRUCTURE LEGEND, SHEET 18 |
| --- | ASPHALT W / WEDGE CURB | ⊗ | |
| --- | GRAVEL SURFACING | ⊗ | |
| --- | CENTERLINE OF CONSTRUCTION | ⊗ | |
| --- | SAWCUT LINE (APPROXIMATE LOCATION) | ⊗ | |
| --- | BURIED ELECTRICAL (PSE) | ⊗ | STORM DRAIN MANHOLE/TYPE 2 CATCH BASIN (ACTUAL DIMENSION SHOWN FOR PROPOSED) |
| --- | BURIED TELEPHONE (LUMEN) | ⊗ | |
| --- | BURIED CABLE TELEVISION (COMCAST) | ⊗ | STORM DRAIN CATCH BASIN, CONCRETE INLET, OR YARD/AREA DRAIN (ACTUAL DIMENSION SHOWN FOR PROPOSED) |
| --- | JOINT TRENCH | ⊗ | |
| --- | STORM DRAIN (SIZE AS NOTED) | ⊗ | |
| --- | | ⊗ | SIGN |
| --- | | ⊗ | ROCKERY |
| --- | | ⊗ | TIMBER EDGING |

ORDER OF WORK

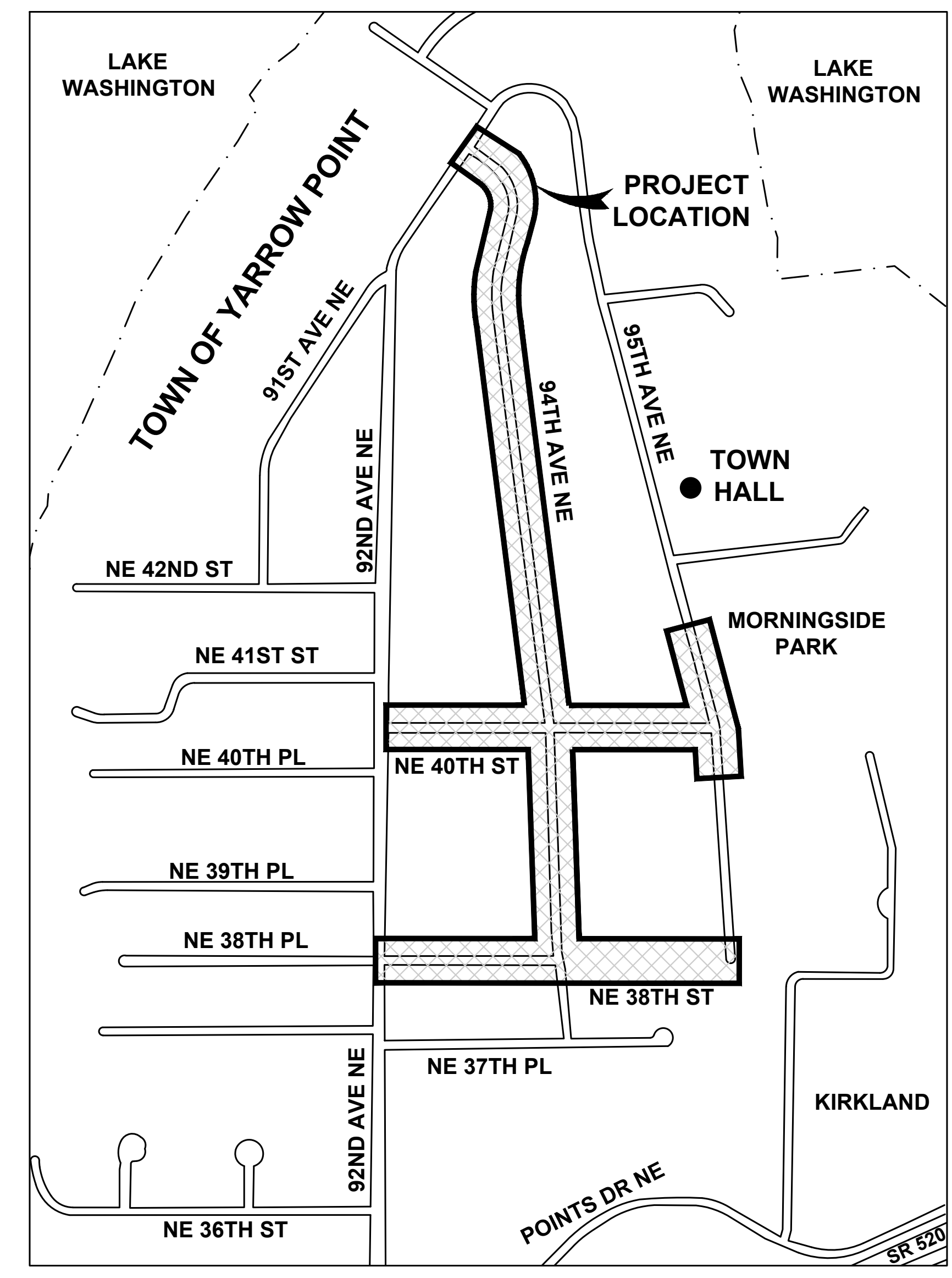
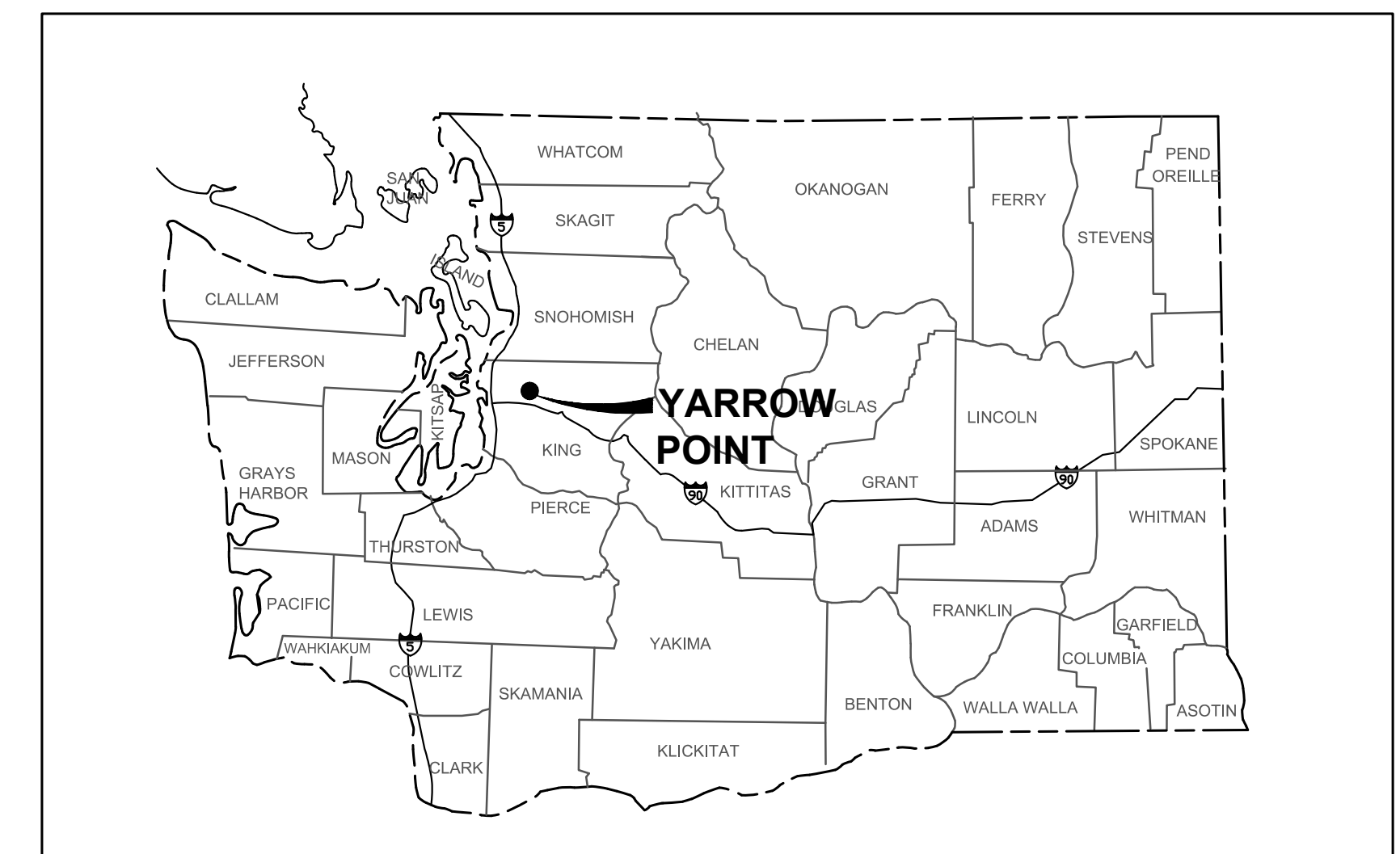
- ATTEND PRECONSTRUCTION MEETING
- PROVIDE MATERIAL SUBMITTALS
- COORDINATE W/ PSE, COMCAST AND LUMEN TO ORDER UNDERGROUND CONVERSION MATERIALS
- CALL FOR UTILITY LOCATES
- INSTALL TRAFFIC CONTROL AND EROSION CONTROL DEVICES
- PERFORM POTHOLING OPERATIONS
- CONSTRUCT UNDERGROUND UTILITY FACILITIES (SEE EAGLE TAKE PERMIT FOR CONSTRUCTION SCHEDULE RESTRICTIONS)
- PSE, COMCAST AND LUMEN TO PULL CONDUCTORS, ENERGIZE THEIR FACILITIES, AND WRECK OUT EXISTING OVERHEAD FACILITIES. (CONTRACTOR SHALL PROVIDE 2 WEEK ADVANCE NOTICE TO UTILITIES) NOTE: UTILITIES WILL BE SUBJECT TO THE TOWN'S EAGLE PERMIT REQUIREMENTS AS WELL.
- CONSTRUCT STORM IMPROVEMENTS (TO BE COMPLETED IN CONJUNCTION WITH UTILITY WORK, CONTRACTOR TO COORDINATE) (SEE EAGLE TAKE PERMIT FOR CONSTRUCTION SCHEDULE RESTRICTIONS)
- RESTORE PAVED AND CONCRETE SURFACES (STREET AND DRIVEWAYS)
- PROPERTY RESTORATION
- SUBMIT RECORD DRAWINGS

BURIED UTILITIES IN AREA CALL BEFORE YOU DIG
 1-800-424-5555
 EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH

APPROVAL FOR CONSTRUCTION
 BY: TOWN OF YARROW POINT
 DATE: JANUARY 2024
 APPROVAL EXPIRES: JANUARY 2025

| SHEET INDEX | |
|-----------------------|--|
| SHEET # | DESCRIPTION |
| 1 | VICINITY & LOCATION MAPS, SYMBOL LEGEND, ABBREVIATIONS AND INDEX |
| 2 | SURVEY CONTROL, AND ALIGNMENT TABLES |
| 3 | KEY MAPS |
| 4 | GENERAL CONSTRUCTION NOTES |
| 5 | TEMPORARY EROSION CONTROL DETAILS |
| 6 - 13 | STORM PLAN & PROFILE |
| 14-17 | STORM DETAILS |
| 18 - 25 | JOINT UTILITY TRENCH PLAN |
| 26 - 27 | JOINT TRENCH DETAILS |
| 28 - 35 | RESTORATION PLAN |
| 36 | BID ADDITIVE - SALLY'S ALLEY PHASE 2 PLAN & PROFILE |
| 37 - 40 | CONSTRUCTION DETAILS |
| PSE 1 | PUGET SOUND ENERGY UGC PLANS (REFERENCE ONLY) |
| PSE INTOLIGHT 1 | PUGET SOUND ENERGY STREET LIGHT PLANS (REFERENCE ONLY) |
| COMCAST 1 - COMCAST 4 | COMCAST MARKUPS ON JANUARY 5, 2024 |

NOTE: LUMEN REVIEWED THE INCLUDED PLANS AND HAD NO RESERVATIONS WITH WHAT IS SHOWN ON SHEETS 18 - 25.



RIGHT-OF-WAY DISCLAIMER
 THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

**TOWN OF YARROW POINT - TOWN WIDE STORM & UGC
JOB NUMBER - 23445**

SURVEY CONTROL & MONUMENTATION

HORIZONTAL DATUM: NAD83/2011
WASHINGTON PLANE COORDINATE SYSTEM, NORTH ZONE, GRID NORTH
HOLDING PACE SURVEY COORDS PROVIDED TO GRAY & OSBORNE BY TOWN OF YARROW POINT.
BASED ON CITY OF BELLEVUE PUBLISHED CONTROL POINTS #34 & #362

VERTICAL DATUM: NAVD88
HOLDING PACE SURVEY PROVIDED TO GRAY & OSBORNE BY TOWN OF YARROW POINT
BASED ON CITY OF BELLEVUE PUBLISHED CONTROL POINTS #34 & #362

| POINT | NORTHING | EASTING | ELEV. | DESCRIPTION |
|-------|-----------|------------|--------|---|
| 1 | 238854.95 | 1299230.91 | 116.25 | SFMC-FOUND MONUMENT IN CASE. 1 3/4" BRASS DISC W/ "X" DOWN 0.55' IN CASE. INTX NE 40TH ST & 92ND AVE NE. CITY OF BELLEVUE HORIZONTAL BENCHMARK: 0034. VERTICAL BENCHMARK: 309. |
| 2 | 237085.48 | 1299174.97 | 153.00 | SFMC, PIN SET IN CONCRETE, DOWN 0.5' IN CASE. INTX 92ND AVE NE & NE 34TH ST. CITY OF BELLEVUE HORIZONTAL BENCHMARK: 0362. VERTICAL BENCHMARK: 98. |
| 14 | 238199.47 | 1299230.69 | 132.74 | SFNT-FOUND NAIL W/ TAG, NAIL W/ "PACE" CONTROL TAG. SE QUADRANT INTX NE 38TH ST & 92ND AVE NE. |
| 15 | 238200.66 | 1299210.16 | 131.50 | SFMC, PIN SET IN CONCRETE, DOWN 0.6' IN CASE. AT CENTERLINE 92ND AVE NE, S OF CENTERLINE OF NE 38TH ST. |
| 16 | 238219.12 | 1299427.99 | 150.16 | SFNT, NAIL W/ "PACE" CONTROL TAG. AT AP IN BACK OF WEDGE CURB, N SIDE NE 38TH ST. 15' E OF CENTERLINE DRIVEWAY TO 9218 NE 38TH ST. |
| 17 | 238203.01 | 1299715.67 | 170.60 | SFNT, NAIL W/ "PACE" CONTROL TAG. IN ASPHALT, NE QUADRANT INTX 94TH AVE NE & NE 38TH ST. 3' N OF CENTERLINE OF 38TH ST EXTENDED. 11' S OF E BACK OF WEDGE CURB AT END OF 94TH AVE NE. |
| 28 | 238504.33 | 1299684.11 | 161.38 | SFNT, NAIL W/ "PACE" CONTROL TAG. 0.5' W OF W BACK OF WEDGE CURB ON 94TH AVE NE. IN ASPHALT. 13' N OF CENTERLINE OF S DRIVEWAY TO 3833 94TH AVE NE. |
| 31 | 238841.22 | 1299691.07 | 151.33 | SFMC, 1/4" BRASS PLUG W/ PUNCH SET IN CONCRETE. DOWN 0.7' IN CASE. INTX 94TH AVE NE & NE 40TH ST. |
| 32 | 238844.88 | 1299932.30 | 153.66 | SFNT, NAIL W/ "PACE" CONTROL TAG. 0.5' S OF N WEDGE CURB OF NE 40TH ST. 14' E OF CENTERLINE OF DRIVEWAY TO 4015 95TH AVE NE "BUCHANAN". DRIVEWAY IS ON S SIDE OF THIS PROPERTY. |
| 33 | 239141.08 | 1299668.57 | 140.98 | SFNT, NAIL W/ "PACE" CONTROL TAG. AT E WEDGE CURB 94TH AVE NE. 18' N OF CENTERLINE OF DRIVEWAY TO 4024 94TH AVE NE. |
| 34 | 238827.48 | 1300151.30 | 143.36 | SFMC, 1 1/2" BRASS DISC W/ PUNCH SET IN CONCRETE. DOWN 0.65' IN CASE. AT INTX 95TH AVE NE & NE 40TH ST. |
| 35 | 239500.71 | 1299609.31 | 123.70 | SFNT, NAIL W/ "PACE" CONTROL TAG. 0.5' E OF W WEDGE CURB 94TH AVE NE. 26' N OF CENTERLINE OF DRIVEWAY TO 4425 94TH AVE NE. |
| 36 | 239768.50 | 1299600.79 | 110.37 | SFNT, NAIL W/ "PACE" CONTROL TAG. AT E WEDGE CURB 94TH AVE NE. 15' S OF CENTERLINE OF DRIVEWAY TO 4412 94TH AVE NE. |
| 37 | 240016.20 | 1299555.43 | 98.31 | SFNT, NAIL W/ "PACE" CONTROL TAG. 0.7' E OF W WEDGE CURB 94TH AVE NE. 20' S OF CENTERLINE OF DRIVEWAY TO 4437 94TH AVE NE. |
| 38 | 240239.25 | 1299618.79 | 87.70 | SFNT, NAIL W/ "PACE" CONTROL TAG. 1' W OF E WEDGE CURB 94TH AVE NE AT APPROX PC OF CURVE. 7' SW OF MAILBOX POST W/ THREE BOXES (4441, 4467, 4468). |
| 41 | 240352.10 | 1299605.80 | 82.26 | SFNT, NAIL W/ "PACE" CONTROL TAG. 0.75' SW OF NE WEDGE CURB 94TH AVE NE -3/4". 15' SW OF "NO PARKING" SIGN. |
| 42 | 240443.91 | 1299493.42 | 75.60 | SFMC, INTX 94TH AVE NE & YARROW POINT RD. |
| 44 | 240547.34 | 1299566.56 | 72.79 | SFMC, PLUG W/ PUNCH SET IN CONC. DOWN 0.36' IN CASE. INTX YARROW POINT RD & NE 47TH ST. CITY OF BELLEVUE HORIZONTAL BENCHMARK: 0436. |
| 100 | 240246.57 | 1299610.88 | 86.92 | SFMC, 1/4" BRASS PLUG W/ PUNCH SET IN CONCRETE. DOWN 0.55' IN CASE. CENTERLINE 94TH AVE NE AT PT SE OF YARROW POINT RD. |
| 101 | 240045.70 | 1299560.14 | 96.44 | SFMC, 1/4" BRASS PLUG W/ PUNCH SET IN CONCRETE. DOWN 0.6' IN CASE. 94TH AVE NE PI MON. 15' N OF CENTERLINE DRIVEWAY TO 4437 94TH AVE NE. |
| 102 | 238836.58 | 1299465.99 | 138.32 | SSN=SET NAIL, MAG NAIL AT S WEDGE CURB OF NE 40TH ST. 12' E OF CENTERLINE OF E DRIVEWAY TO 9229 94TH AVE NE. |
| 103 | 238186.02 | 1299698.25 | 170.42 | SFMC, 1/2" INSIDE DIAMETER IRON PIPE COMING FROM SIDE OF MONUMENT. DOWN 0.5' IN CASE. SHOT CENTER OF PIPE. SW QUADRANT 94TH AVE NE & NE 38TH ST. IN WEDGE CURB. |
| 104 | 238843.44 | 1300157.61 | 143.30 | SSN, MAG NAIL AT E WEDGE CURB FLOW LINE OF 95TH AVE NE AT NE QUADRANT NE 95TH AVE & 40TH ST NE. 15' S OF CENTERLINE WALKWAY TO 4000 95TH AVE NE. |

HORIZONTAL DATUM

HORIZONTAL DATUM: NAD 83/11, WASHINGTON COORDINATE SYSTEM NORTH ZONE. BASED ON TIES TO CITY OF BELLEVUE SURVEY CONTROL POINTS 34 & 362 (POINTS 1 & 2 IN THIS PLAN SET)

SURVEY NOTES

ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS OTHERWISE NOTED.

THE LOCATION AND DESCRIPTION OF ALL SURVEY MARKERS SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS TAKEN BY PACE ENGINEERS IN JANUARY, 2021, UNLESS OTHERWISE INDICATED.

WORK PERFORMED IN CONJUNCTION WITH THIS SURVEY UTILIZED THE FOLLOWING EQUIPMENT AND PROCEDURES: (A) 1" TRIMBLE S7 SERIES ELECTRONIC TOTAL STATION, MAINTAINED TO THE MANUFACTURER'S SPECIFICATIONS PER W.A.C. 332-130-100. (B) FIELD TRAVERSE, EXCEEDING REQUIREMENTS SET FORTH IN W.A.C. 332-130-090. (C) LEASE SQUARE ADJUSTMENT USING StarNet VERSION 9.0 EXCEEDING REQUIREMENTS PER W.A.C. 332-130-080.

VERTICAL DATUM

VERTICAL DATUM: NAVD 88 BASED ON TIES TO CITY OF BELLEVUE SURVEY CONTROL POINTS 34 & 362 (POINTS 1 & 2 IN THIS PLAN SET)

RIGHT OF WAY MARGINS AND CENTERLINES SHOWN HEREON AREA BASED UPON THE FOUND CENTERLINE MONUMENTS. PARCEL LOT LINES SHOWN HEREON ARE PER KING COUNTY GIS AND SHOULD BE ASSUMED APPROXIMATE

THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND DOES NOT PURPORT TO SHOW ALL EASEMENTS.

THIS TOPOGRAPHIC SURVEY DRAWING ACCURATELY PRESENTS SURFACE FEATURES LOCATED DURING THE COURSE OF THIS SURVEY. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED SOLELY UPON INFORMATION PROVIDED BY OTHERS AND PACE ENGINEERS, INC. DOES NOT ACCEPT RESPONSIBILITY OR ASSUME LIABILITY FOR THEIR ACCURACY OR COMPLETENESS. CONTRACTOR/ENGINEERS SHALL VERIFY EXACT SIZE AND LOCATION PRIOR TO CONSTRUCTION. CALL FOR LOCATE: UTILITY LOCATION SERVICE: 811

DISCLAIMER:
EXCEPTING PORTIONS OF SALLY'S ALLEY, NE 40TH STREET, AND NE 95TH STREET, ALL TOPOGRAPHIC DATA SHOWN HEREON WAS PERFORMED BY PACE (SEE NOTES, THIS SHEET). ADDITIONAL SURVEY FOR THE NOTED EXCEPTIONS WAS PERFORMED BY GRAY AND OSBORNE ON MAY 16, 2023 UTILIZING PACE CONTROL.

94TH AVENUE NE - CONSTRUCTION CENTERLINE ALIGNMENT

| SEGMENT | BEGIN STATION | BEGIN NORTHING | BEGIN EASTING | END STATION | END NORTHING | END EASTING | DISTANCE | BEARING | RADIUS | TANGENT | CURVE LENGTH | DELTA |
|---------|---------------|----------------|---------------|-------------|--------------|--------------|----------|-------------|--------|---------|--------------|-----------|
| L1 | 50+00.00 | 238,107.67 | 1,299,699.11 | 57+33.60 | 238,841.22 | 1,299,691.07 | 733.60 | N0°37'41"W | | | | |
| L2 | 57+33.60 | 238,841.22 | 1,299,691.07 | 68+75.57 | 239,976.50 | 1,299,567.66 | 1,141.97 | N6°12'14"W | | | | |
| C1 | 68+75.57 | 239,976.50 | 1,299,567.66 | 70+13.31 | 240,113.18 | 1,299,577.18 | | | 387.18 | 69.60 | 137.74 | 20°22'58" |
| L3 | 70+13.31 | 240,113.18 | 1,299,577.18 | 71+51.23 | 240,246.90 | 1,299,610.97 | 137.92 | N14°10'43"E | | | | |
| C2 | 71+51.23 | 240,246.90 | 1,299,610.97 | 73+24.72 | 240,400.20 | 1,299,554.70 | | | 144.75 | 98.88 | 173.49 | 68°40'22" |
| L4 | 73+24.72 | 240,400.20 | 1,299,554.70 | 74+00.00 | 240,443.92 | 1,299,493.42 | 75.28 | N54°29'38"W | | | | |

NE 40TH STREET - CONSTRUCTION CENTERLINE ALIGNMENT

| SEGMENT | BEGIN STATION | BEGIN NORTHING | BEGIN EASTING | END STATION | END NORTHING | END EASTING | DISTANCE | BEARING | RADIUS | TANGENT | CURVE LENGTH | DELTA |
|---------|---------------|----------------|---------------|-------------|--------------|--------------|----------|-------------|--------|---------|--------------|-------|
| L5 | 10+00.00 | 238,854.95 | 1,299,230.91 | 14+60.36 | 238,841.22 | 1,299,691.07 | 460.36 | S88°17'29"E | | | | |
| L6 | 14+60.36 | 238,841.22 | 1,299,691.07 | 19+40.00 | 238,826.90 | 1,300,170.49 | 479.64 | S88°17'23"E | | | | |

95TH AVENUE NE - CONSTRUCTION CENTERLINE ALIGNMENT

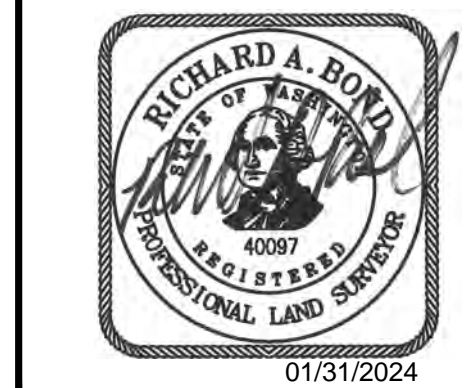
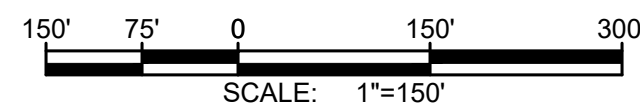
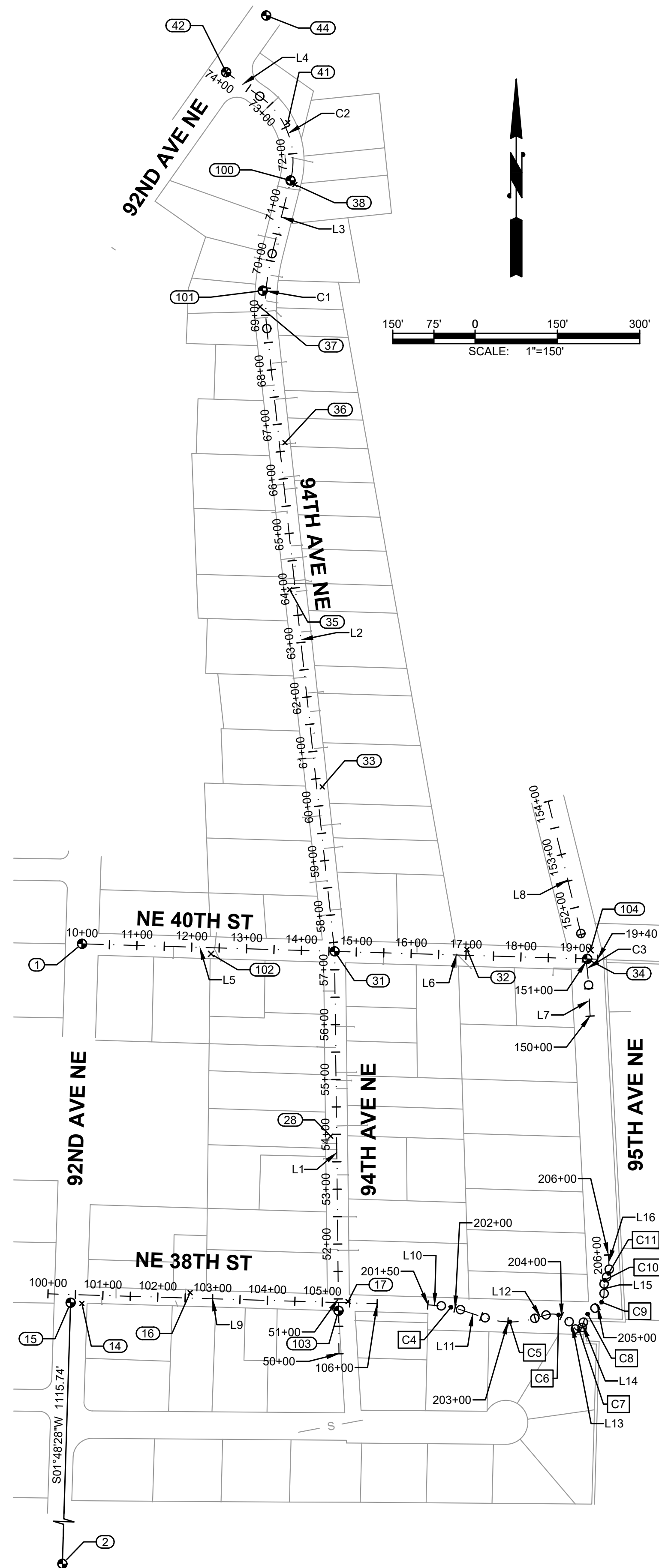
| SEGMENT | BEGIN STATION | BEGIN NORTHING | BEGIN EASTING | END STATION | END NORTHING | END EASTING | DISTANCE | BEARING | RADIUS | TANGENT | CURVE LENGTH | DELTA |
|---------|---------------|----------------|---------------|-------------|--------------|--------------|----------|-------------|--------|---------|--------------|-----------|
| L7 | 150+00.00 | 238,723.23 | 1,300,156.74 | 150+56.68 | 238,779.84 | 1,300,153.79 | 56.68 | N2°59'23"W | | | | |
| C3 | 150+56.68 | 238,779.84 | 1,300,153.79 | 151+51.80 | 238,873.79 | 1,300,139.85 | | | 500.00 | 47.70 | 95.12 | 10°54'00" |
| L8 | 151+51.80 | 238,873.79 | 1,300,139.85 | 154+00.00 | 239,114.73 | 1,300,080.27 | 248.20 | N13°53'23"W | | | | |

NE 38TH STREET - CONSTRUCTION CENTERLINE ALIGNMENT

| SEGMENT | BEGIN STATION | BEGIN NORTHING | BEGIN EASTING | END STATION | END NORTHING | END EASTING | DISTANCE | BEARING | RADIUS | TANGENT | CURVE LENGTH | DELTA |
|---------|---------------|----------------|---------------|-------------|--------------|--------------|----------|-------------|--------|---------|--------------|-------|
| L9 | 100+00.00 | 238,216.91 | 1,299,168.94 | 106+00.00 | 238,198.92 | 1,299,768.67 | 600.00 | S88°16'54"E | | | | |

SALLY'S ALLEY - CONSTRUCTION CENTERLINE ALIGNMENT

| SEGMENT | BEGIN STATION | BEGIN NORTHING | BEGIN EASTING | END STATION | END NORTHING | END EASTING | DISTANCE | BEARING | RADIUS | TANGENT | CURVE LENGTH | DELTA |
|---------|---------------|----------------|---------------|-------------|--------------|--------------|----------|-------------|--------|---------|--------------|------------|
| L10 | 201+50.00 | 238,196.81 | 1,299,861.05 | 201+74.53 | 238,194.95 | 1,299,885.51 | 24.53 | S85°39'01"E | | | | |
| C4 | 201+74.53 | 238,194.95 | 1,299,885.51 | 202+10.26 | 238,187.97 | 1,299,920.47 | | | 147.50 | 17.95 | 35.73 | 13°52'50" |
| L11 | 202+10.26 | 238,187.97 | 1,299,920.47 | 202+57.51 | 238,173.19 | 1,299,965.34 | 47.24 | S71°46'11"E | | | | |
| C5 | 202+57.51 | 238,173.19 | 1,299,965.34 | 203+49.44 | 238,172.13 | 1,300,055.84 | | | 150.00 | 47.46 | 91.93 | 35°06'59" |
| L12 | 203+49.44 | 238,172.13 | 1,300,055.84 | 203+70.93 | 238,178.37 | 1,300,076.40 | 21.48 | N73°06'50"E | | | | |
| C6 | 203+70.93 | 238,178.37 | 1,300,076.40 | 204+17.34 | 238,166.03 | 1,300,118.47 | | | 40.00 | 26.21 | 46.41 | 66°28'38" |
| L13 | 204+17.34 | 238,166.03 | 1,300,118.47 | 204+34.91 | 238,152.65 | 1,300,129.86 | 17.57 | S40°24'32"E | | | | |
| C7 | 204+34.91 | 238,152.65 | 1,300,129.86 | 204+50.15 | 238,155.40 | 1,300,141.96 | | | 7.00 | 13.39 | 15.25 | 124°47'25" |
| L14 | 204+50.15 | 238,155.40 | 1,300,141.96 | 204+60.12 | 238,165.04 | 1,300,144.51 | 9.97 | N14°48'04"E | | | | |
| C8 | 204+60.12 | 238,165.04 | 1,300,144.51 | 204+94.19 | 238,190.65 | 1,300,165.39 | | | 40.00 | 18.14 | 34.07 | 48°47'48" |
| C9 | 204+94.19 | 238,190.65 | 1,300,165.39 | 205+27.49 | 238,217.52 | 1,300,182.05 | | | 30.00 | 18.60 | 33.30 | 63°35'52" |
| L15 | 205+27.49 | 238,217.52 | 1,300,182.05 | 205+44.84 | 238,234.86 | 1,300,182.05 | 17.35 | N0°00'00"E | | | | |
| C10 | 205+44.84 | 238,234.86 | 1,300,182.05 | 205+58.84 | 238,247.75 | 1,300,186.76 | | | 20.00 | 7.30 | 14.00 | 40°07'05" |
| C11 | 205+58.84 | 238,247.75 | 1,300,186.76 | 205+73.89 | 238,261.68 | 1,300,191.44 | | | 20.00 | 7.90 | 15.05 | 43°06'27" |
| L16 | 205+73.89 | 238,261.68 | 1,300,191.44 | 206+00.00 | 238,287.76 | 1,300,190.07 | 26.12 | N2°59'23"W | | | | |

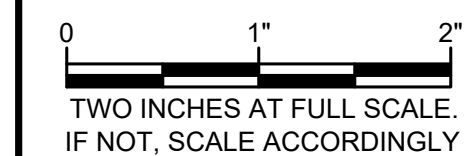


TOWN OF YARROW POINT

TOWN WIDE STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: SURVEY CONTROL.DWG



CIVIL

SURVEY CONTROL, KEY MAP AND ALIGNMENT TABLES

DRAWING: **2** OF: **40**

RIGHT-OF-WAY DISCLAIMER
 THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

APPROVAL FOR CONSTRUCTION
 BY: TOWN OF YARROW POINT
 DATE: JANUARY 2024
 APPROVAL EXPIRES: JANUARY 2025

**GENERAL NOTES
TOWN OF YARROW POINT**

- THIS DEVELOPMENT PROJECT SHALL CONFORM TO THE TOWN OF YARROW POINT'S REQUIREMENTS AND BE IN ACCORDANCE WITH THE APPROVED PLANS. ANY CHANGES FROM THE APPROVED PLAN WILL REQUIRE APPROVAL FROM THE OWNER, ENGINEER, BUILDING OFFICIAL, TOWN ENGINEER, AND TOWN PLANNER AS APPLICABLE.
- ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE "WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" (LATEST EDITION), EXCEPT WHERE SUPPLEMENTED OR MODIFIED BY THE TOWN. COPIES OF THE ABOVE DOCUMENTS SHALL BE AVAILABLE AT THE JOB SITE DURING CONSTRUCTION.
- A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE START OF ALL CONSTRUCTION. CONTACT THE TOWN ENGINEER OR THE TOWN BUILDING OFFICIAL TO SCHEDULE A MEETING.
- LOCATIONS SHOWN FOR EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR IS CAUTIONED THAT OVERHEAD UTILITY LINES MAY NOT BE SHOWN ON THE DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF ALL UNDERGROUND UTILITIES AND THE EXTENT OF ANY HAZARDS CREATED BY OVERHEAD UTILITY LINES. IDENTIFICATION, LOCATION MARKING, AND RESPONSIBILITY FOR UNDERGROUND FACILITIES OR UTILITIES IS GOVERNED BY PROVISION OF CHAPTER 19.122 REVISED CODE OF WASHINGTON (RCW). PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONECALL (1-800-424-5555) FOR UTILITY LOCATIONS (WATER, SANITARY SEWER, STORM SEWER, GAS, POWER, TELEPHONE, CABLE TELEVISION, AND INTERNET).
- AS-BUILT DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.
- THE CONTRACTOR SHALL HAVE A COPY OF THESE PLANS AND THE CONTRACT SPECIFICATIONS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- PER TOWN OF YARROW POINT MUNICIPAL CODE SECTION 10.12, CONTRACTOR'S VEHICLES, INCLUDING TRUCK AND TRAILER COMBINATIONS, SHALL NOT HAVE AN OVERALL LENGTH IN EXCESS OF 40 FEET.

**STORM DRAINAGE NOTES
TOWN OF YARROW POINT
(MODIFIED; NOT ALL NOTES ARE SHOWN)**

- BEFORE ANY CONSTRUCTION MAY OCCUR, THE CONTRACTOR SHALL HAVE PLANS WHICH HAVE BEEN SIGNED AND APPROVED BY THE TOWN OF YARROW POINT, OBTAINED ALL TOWN, COUNTY, STATE, FEDERAL, AND OTHER REQUIRED PERMITS, AND HAVE POSTED ALL REQUIRED BONDS. ~~CONTRACTOR SHALL OBTAIN PERMITS FROM THE TOWN OF YARROW POINT (425) 651-0001 FOR CURRENT PLAN SUBMITTAL PROCEDURES.~~
- ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE WRITTEN APPROVAL. ALL CHANGES SHALL BE SUBMITTED TO THE TOWN.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED OR SIMILARLY STABILIZED TO THE SATISFACTION OF THE TOWN OF YARROW POINT FOR THE PREVENTION OF ON-SITE EROSION AFTER THE COMPLETION OF CONSTRUCTION.
- ALL CATCH BASINS SHALL BE TYPE I UNLESS OTHERWISE NOTED. CATCH BASINS WITH A DEPTH OF OVER FIVE FEET (5') TO THE PIPE INVERT SHALL BE A TYPE II CATCH BASIN. TYPE II CATCH BASINS EXCEEDING FIVE FEET (5') IN DEPTH SHALL HAVE A STANDARD LADDER INSTALLED.
- CONSTRUCTION OF DEWATERING (GROUNDWATER) SYSTEMS SHALL BE IN ACCORDANCE WITH THE APWA STANDARD SPECIFICATIONS.
- ALL TRENCH BACKFILL SHALL BE COMPACTED TO 95 PERCENT DENSITY IN ROADWAYS, ROADWAY SHOULDERS, ROADWAY PRISM AND DRIVEWAYS, AND 85 PERCENT DENSITY IN UNPAVED AREAS. ALL PIPE ZONE COMPACTION SHALL BE 95 PERCENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, CONFINED SPACE PROTECTION, 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 CONTRACT. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE A TRAFFIC CONTROL PLAN APPROVED BY THE TOWN OF YARROW POINT. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS, TRAFFIC CONTROL SECTION, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY.
- APPROXIMATE LOCATIONS OF EXISTING UTILITIES HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXISTING UTILITY LOCATIONS WHETHER OR NOT THESE UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXERCISE ALL CARE TO AVOID DAMAGE TO ANY UTILITY. IF CONFLICTS WITH EXISTING UTILITIES ARISE DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TOWN ENGINEER OR THE TOWN BUILDING OFFICIAL IMMEDIATELY AND ANY CHANGES REQUIRED SHALL BE APPROVED BY THE APPROPRIATE TOWN STAFF PRIOR TO COMMENCEMENT OF RELATED CONSTRUCTION ON THE PROJECT.
- ALL INLET, MANHOLE, AND CATCH BASIN FRAMES AND GRATES SHALL NOT BE ADJUSTED TO GRADE UNTIL IMMEDIATELY PRIOR TO FINAL PAVING. ALL CATCH BASIN GRATES SHALL BE SET 0.10' BELOW PAVEMENT LEVEL.
- GROUT ALL SEAMS AND OPENINGS IN ALL INLETS, CATCH BASINS, AND MANHOLES.

**TEMPORARY EROSION/SEDIMENTATION NOTES
TOWN OF YARROW POINT
(MODIFIED; NOT ALL NOTES ARE SHOWN)**

- THE APPROVED CONSTRUCTION SEQUENCE SHALL BE AS FOLLOWS:
 - CONDUCT PRE-CONSTRUCTION MEETING.
 - FLAG OR FENCE CLEARING LIMITS.
 - ~~PROTECTION WITH NAME AND PHONE NUMBER OF TESC SUPERVISOR.~~
 - INSTALL CATCH BASIN PROTECTION IF REQUIRED.
 - ~~GRADE AND INITIAL CONSTRUCTION ENTRANCE(S).~~
 - INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.) IF REQUIRED.
 - ~~CONSTRUCT SEDIMENT POND(S) AND TRAPS.~~
 - ~~GRADE AND STABILIZE CONSTRUCTION ROADS.~~
 - ~~CONSTRUCT SURFACE WATER CONTROL (INTERCEPTOR DIKE, PIPE SLOPE DRAIN, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.~~
 - MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TOWN OF YARROW POINT STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
 - RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE TOWN TESC MINIMUM REQUIREMENTS.
 - COVER ALL AREAS WITHIN THE SPECIFIED TIME FRAME WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, CRUSHED ROCK OR EQUIVALENT.
 - ~~STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN 7 DAYS.~~
 - ~~SEED OR COB ANY AREAS TO REMAIN UNCOVERED FOR MORE THAN 90 DAYS.~~
 - UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BEST MANAGEMENT PRACTICES REMOVED IF APPROPRIATE.
- THE IMPLEMENTATION OF THIS ESC PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE PERMITTEE/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS. WHEREVER POSSIBLE, MAINTAIN NATURAL VEGETATION FOR SILT CONTROL.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED (E.G. ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS. ADDITIONALLY, MORE ESC FACILITIES MAY BE REQUIRED TO ENSURE COMPLETE SILTATION CONTROL. THEREFORE, DURING THE COURSE OF CONSTRUCTION IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR 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.
- THE ESC FACILITIES SHALL BE INSPECTED BY THE PERMITTEE/CONTRACTOR DAILY DURING NON-RAINFALL PERIODS, EVERY HOUR (DAYLIGHT) DURING RAINFALL EVENTS, AT THE END OF EVERY RAINFALL, AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. IN ADDITION, TEMPORARY SILTATION PONDS AND ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED. WRITTEN RECORDS SHALL BE KEPT DOCUMENTING THE REVIEWS OF THE ESC FACILITIES.
- ALL DENUDED SOILS MUST BE STABILIZED WITH AN APPROVED TESC METHOD (E.G. SEEDING, MULCHING, PLASTIC COVERING, CRUSHED ROCK) WITHIN THE FOLLOWING TIMELINES:
 - MAY 1 TO SEPTEMBER 30 - SOILS MUST BE STABILIZED WITHIN 7 DAYS OF GRADING.
 - OCTOBER 1 TO APRIL 30 - SOILS MUST BE STABILIZED WITHIN 2 DAYS OF GRADING
 - STABILIZE SOILS AT THE END OF THE WORKDAY PRIOR TO A WEEKEND, HOLIDAY, OR PREDICTED RAIN EVENT.
- AT NO TIME SHALL MORE THAN 1' OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- THE ESC FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS ON THE APPROVED PLANS. LOCATIONS MAY BE MOVED TO SUIT FIELD CONDITIONS, SUBJECT TO APPROVAL BY THE TOWN ENGINEER OR THE TOWN BUILDING OFFICIAL.
- OFF-SITE STREETS MUST BE KEPT CLEAN AT ALL TIMES. IF DIRT IS DEPOSITED ON THE PUBLIC STREET SYSTEM THE STREET SHALL BE IMMEDIATELY CLEANED WITH POWER SWEEPER OR OTHER EQUIPMENT.
- ANY CATCH BASINS COLLECTING RUNOFF FROM THE SITE, WHETHER THEY ARE ON OR OFF THE SITE, SHALL HAVE THEIR GRATES COVERED WITH FILTER FABRIC DURING CONSTRUCTION. CATCH BASINS DIRECTLY DOWNSTREAM OF THE CONSTRUCTION ENTRANCE OR ANY OTHER CATCH BASIN AS DETERMINED BY THE TOWN ENGINEER OR TOWN BUILDING OFFICIAL SHALL BE PROTECTED WITH A "FILTER FABRIC SOCK" OR EQUIVALENT.
- ALL PROPERTIES ADJACENT TO THE PROJECT SITE SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND RUNOFF.
- DO NOT FLUSH CONCRETE BY-PRODUCTS OR TRUCKS NEAR OR INTO THE STORM DRAINAGE SYSTEM. IF EXPOSED AGGREGATE IS FLUSHED INTO THE STORM SYSTEM, IT COULD MEAN RE-CLEANING THE ENTIRE DOWNSTREAM STORM SYSTEM, OR POSSIBLY RE-LAYING THE STORM LINE.
- PRIOR TO OCTOBER 1 OF EACH YEAR (THE BEGINNING OF THE WET SEASON), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. THE IDENTIFIED DISTURBED AREA SHALL BE SEEDED WITHIN ONE WEEK AFTER OCTOBER 1. A SITE PLAN DEPICTING THE AREAS TO BE SEEDED AND THE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE TOWN ENGINEER. THE TOWN ENGINEER CAN REQUIRE SEEDING OF ADDITIONAL AREAS IN ORDER TO PROTECT SURFACE WATERS, ADJACENT PROPERTIES, OR DRAINAGE FACILITIES.
- A WATER TRUCK SHALL BE ON SITE AT ALL TIMES TO PROVIDE DUST CONTROL. THIS WORK SHALL BE INCIDENTAL TO CONSTRUCTION, SEE SECTION 2-07.



TOWN OF YARROW POINT

TOWN WIDE STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

| | |
|----------------|---------------|
| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | GEN NOTES.DWG |



GENERAL

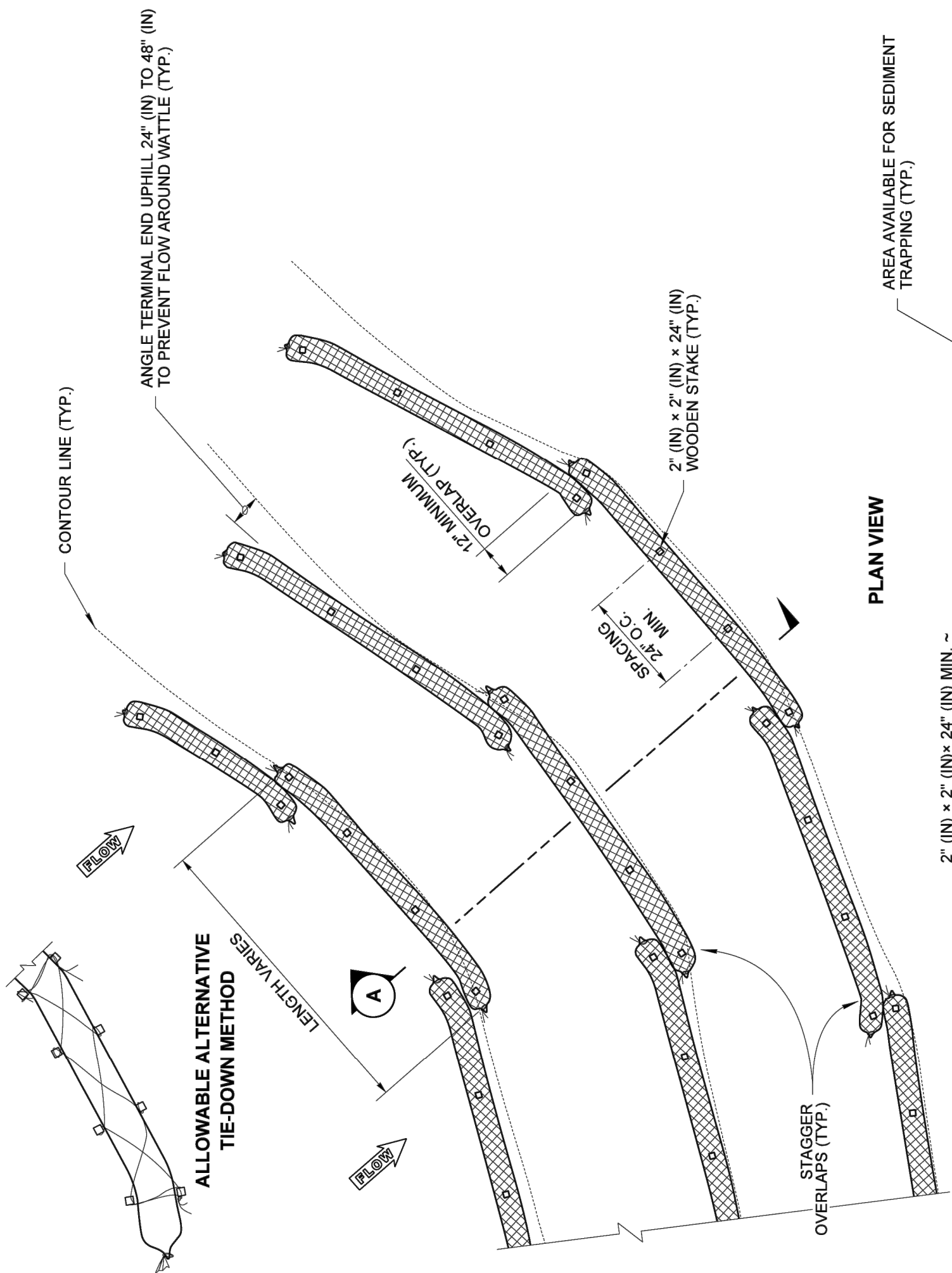
BURIED UTILITIES IN AREA CALL BEFORE YOU DIG
1-800-424-5555
EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH

RIGHT-OF-WAY DISCLAIMER
THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

APPROVAL FOR CONSTRUCTION
BY: David Schuster
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

GENERAL CONSTRUCTION NOTES

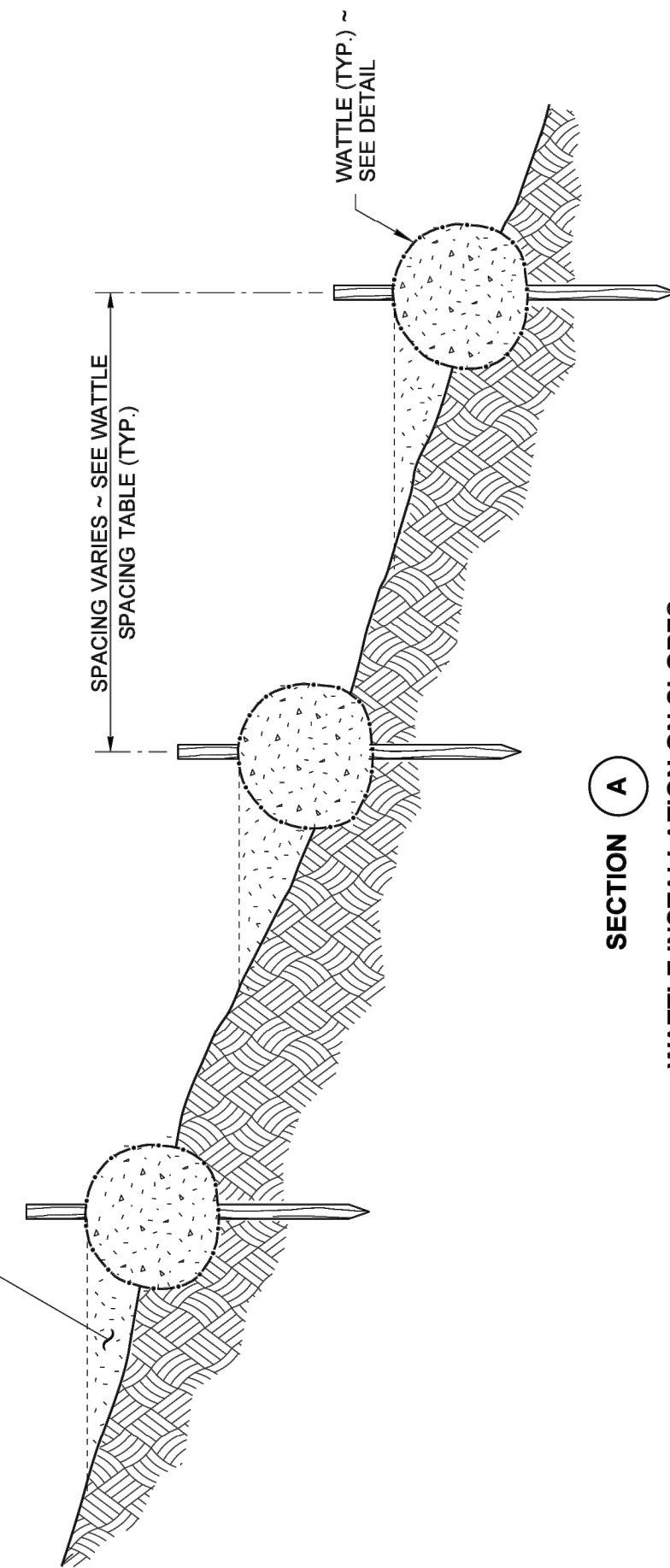
DRAWING: **4** OF: **40**



DRAWN BY: FERN LIDDELL

| WATTLE SPACING TABLE | | |
|-----------------------------|-----------------|--------------|
| TEMPORARY | PERMANENT | |
| 8" - 10" OR 10" - 12" DIAM. | 10" - 12" DIAM. | |
| SLOPE | MAX. SPACING | MAX. SPACING |
| 1H : 1V | 5' - 0" | - |
| 2H : 1V | 10' - 0" | 5' - 0" |
| 3H : 1V | 15' - 0" | 10' - 0" |
| 4H : 1V | 20' - 0" | 15' - 0" |

PLAN VIEW



SECTION A
WATTLE INSTALLATION ON SLOPES

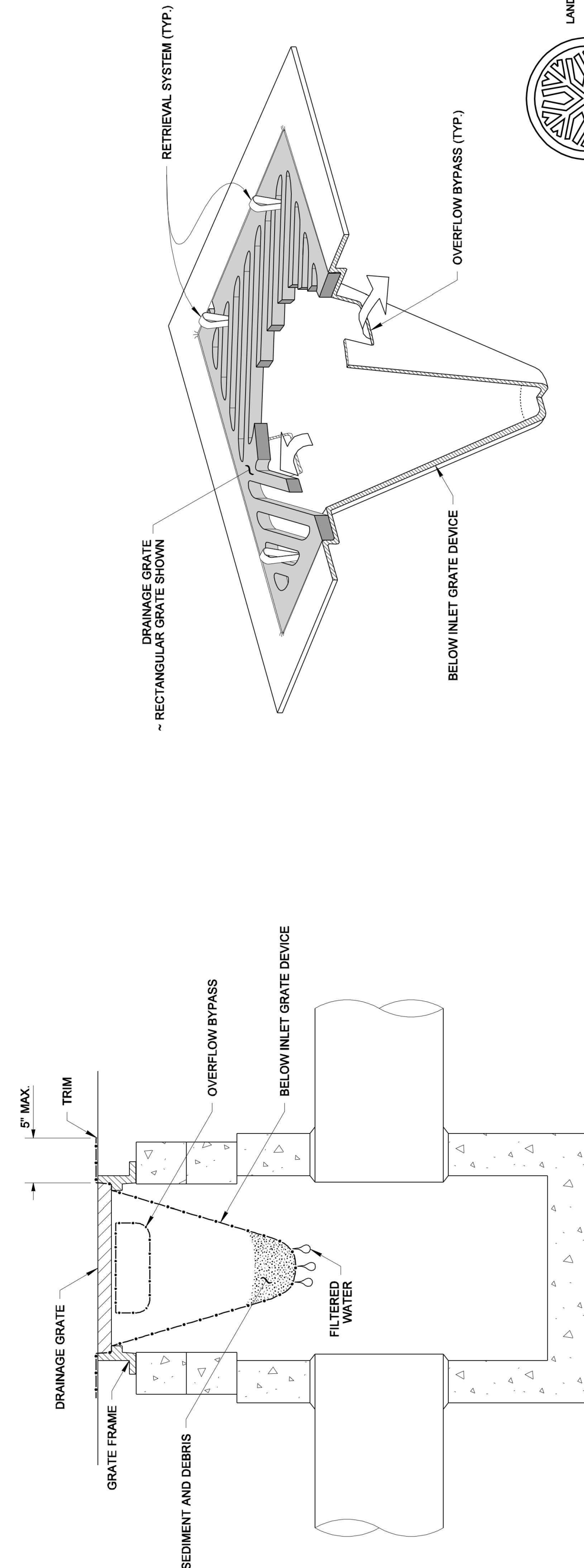


Mark W. Maubier
Jun 4 2019 8:05 AM
WATTLE INSTALLATION ON SLOPE
STANDARD PLAN I-30.30-02
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Mark W. Maubier
Jun 12 2019 7:41 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

- NOTES**
1. Wattles shall be in accordance with **Standard Specification, Section 9-14.5(5)**. Install Wattles along contours. Installation shall be in accordance with **Standard Specification, Section 8-01.3(10)**.
 2. Securely knot each end of Wattle. Overlap adjacent Wattle ends 12" (in) behind one another and securely tie together.
 3. Compact excavated soil and trenches to prevent undercutting. Additional staking may be necessary to prevent undercutting.
 4. Install Wattle perpendicular to flow along contours.
 5. Wattles shall be inspected regularly, and immediately after a rainfall produces runoff, to ensure they remain thoroughly entrenched and in contact with the soil.
 6. Perform maintenance in accordance with **Standard Specification, Section 8-01.3(15)**.
 7. Refer to **Standard Specification, Section 8-01.3(16)** for removal.

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

DRAWN BY: LISA CYFORD



ISOMETRIC VIEW

SECTION VIEW
NOT TO SCALE



STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
MARK W. MAUBIER
CERTIFICATE NO. 000566
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. APPROVED FOR PUBLICATION, SHOWN ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

STORM DRAIN INLET PROTECTION
STANDARD PLAN I-40.20-00
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Pasco Bakotic III
09-20-07
STATE DESIGN ENGINEER
Washington State Department of Transportation

TEMPORARY WATER POLLUTION/ EROSION CONTROL NOTES:

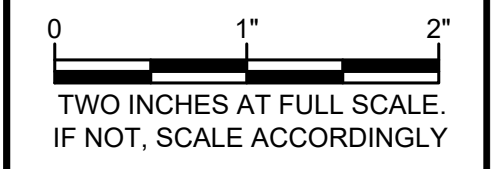
1. CONTRACTOR SHALL SUBMIT A TEMPORARY WATER POLLUTION/EROSION CONTROL PLAN (TESC PLAN) PER THE CONTRACT PROVISIONS. THE TESC PLANS SHALL INCLUDE TURBIDITY TEST, SEE THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL REPORT ALL SPILLS OR DISCHARGE OF POLLUTANTS WITHIN 24 HOURS TO THE CONTRACTING AGENCY.
3. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION SHALL BE OBSERVED DURING CONSTRUCTION.
4. ALL REQUIRED SEDIMENTATION/EROSION CONTROL FACILITIES SHALL BE IN OPERATION PRIOR TO LAND CLEARING AND/OR OTHER CONSTRUCTION ACTIVITIES TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE EXISTING DRAINAGE SYSTEM. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION 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 EROSION/SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE EROSION AND SEDIMENTATION CONTROL SYSTEMS DEPICTED ON THIS DRAWING ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND AS UNEXPECTED OR SEASONAL CONDITIONS DICTATE, THE CONTRACTOR SHOULD ANTICIPATE THAT MORE EROSION AND SEDIMENTATION CONTROL FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE PROPOSED SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR 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 AND THE WATER QUALITY OF THE RECEIVING DRAINAGE SYSTEM.
6. AT NO TIME SHALL MORE THAN SIX INCHES OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING OF THE SEDIMENT. ALL STORM DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS SHALL BE CLEANED AFTER COMPLETION OF THE PROJECT.
7. THE CONTRACTOR SHALL REMOVE AND WASTEHAUL MATERIAL DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO THE RIGHT-OF-WAY OR INTO THE EXISTING STORM DRAINAGE SYSTEM. DEBRIS SHALL NOT BE WASHED INTO THE STORM DRAINAGE SYSTEM.
8. TEMPORARY EROSION CONTROL FACILITIES SHALL BE INSPECTED WEEKLY AND MAINTAINED WITHIN 24 HOURS FOLLOWING A STORM EVENT. SEDIMENT SHALL BE REMOVED TO INSURE THE FACILITIES WILL FUNCTION PROPERLY. THE FACILITIES SHALL BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.
9. ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT STORM WATER RUNOFF SHALL NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
10. NO DISTURBED SOIL SHALL REMAIN UNSTABILIZED FOR MORE THAN TWO CALENDAR DAYS.
11. INSTALL STORM DRAIN INLET PROTECTION IN THE NEW DRAINAGE STRUCTURES AS THEY ARE CONSTRUCTED.

APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

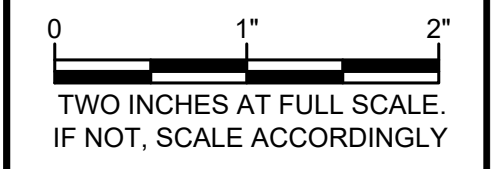


| No. | DATE | REVISION |
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ISSUED FOR: BID PLAN SET
ISSUE DATE: JAN 2024
APPROVED BY: KWB
CHECKED BY: KWB
DRAWN BY: CJB
DESIGNER: CJB
G & O JOB NO.: 23445
FILE: DETAILS.DWG



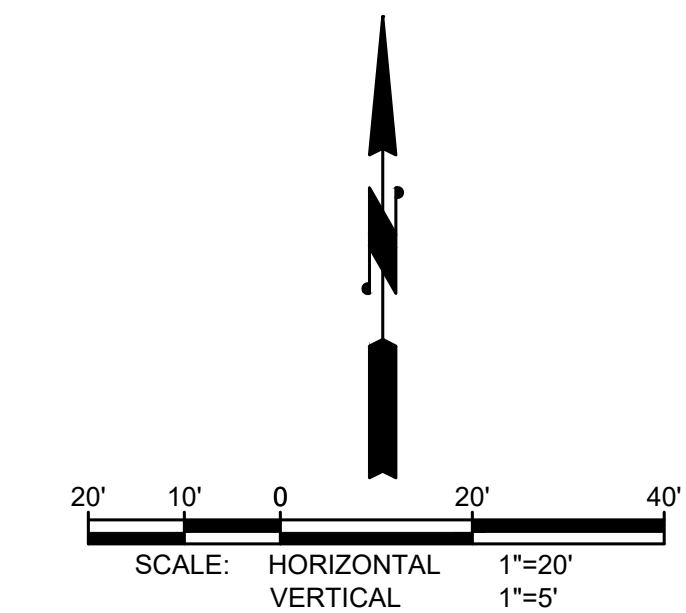
| No. | DATE | REVISION |
|-----------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: STORM P&P.DWG | | |



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STORM PLAN & PROFILE

DRAWING: **6** OF: **40**

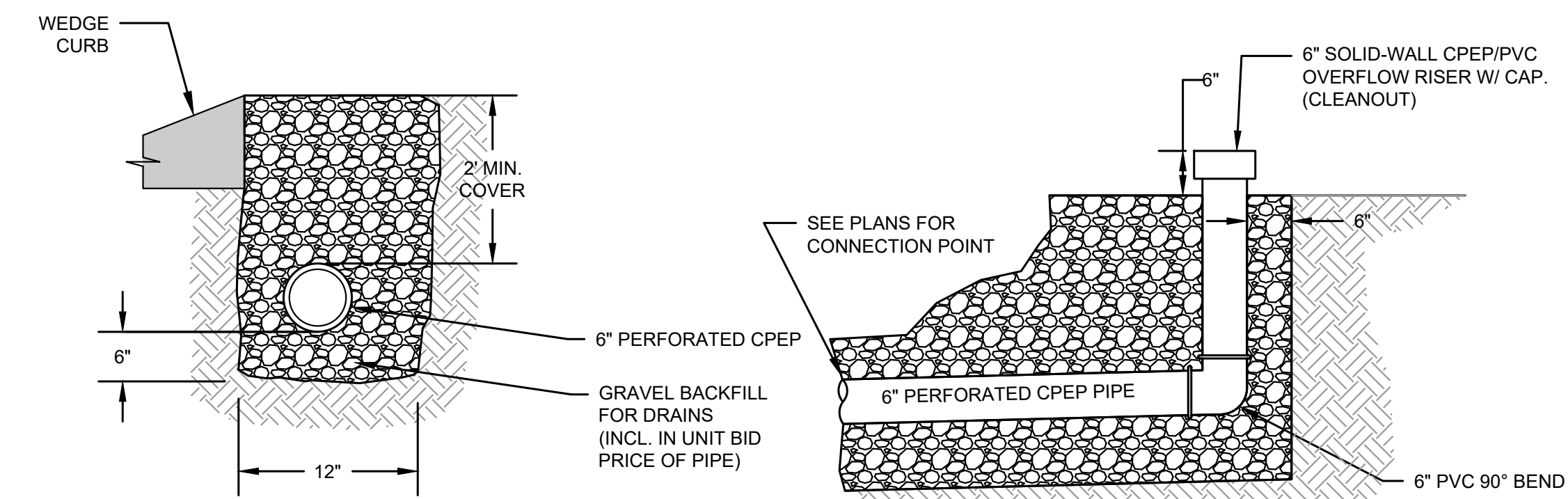


GENERAL STORM DRAINAGE NOTES

1. INSTALL BYPASS PUMPING, AS NEEDED, TO MAINTAIN STORMWATER FLOW. BYPASS PUMPING SHALL BE INCLUDED IN THE UNIT BID PRICE FOR STORM PIPE.
2. IRRIGATION (PIPES, WIRES, SPRINKLER HEADS, ETC.) ENCOUNTERED SHALL BE CUT AT THE LIMITS OF EXCAVATION AND PIPES SHALL BE BROUGHT TO FINISHED GRADE AND CAPPED. COORDINATE WITH HOME OWNERS AS NEEDED.
3. ALL NEW CATCH BASINS HAVE A VANED GRATE EXCEPT AS NOTED.

STORM DRAINAGE NOTES

1. CAUTION: POTENTIAL UTILITY CONFLICT. VERIFY (POTHOLE) EXACT LOCATION AND DEPTH OF EXISTING UTILITY. SEE ORDER OF WORK.
2. PROTECT EXISTING CONCRETE DRIVEWAY, RETAINING WALL, SURVEY MONUMENT, UNDERGROUND UTILITIES, AND MAILBOX STRUCTURES DURING CONSTRUCTION.
3. SAWCUT EXISTING PAVEMENT AND SEAL JOINT (WHERE APPLICABLE) THEN APPLY SAND BLANKET TO THE SURFACE JOINT.
4. REMOVE AND WASTEHAUL EXISTING STORM DRAINAGE STRUCTURE(S)/PIPE.
5. CONNECT NEW STORM PIPE TO EXISTING CATCH BASIN. CORE DRILL IF KNOCK OUT IS NOT PRESENT.
6. CONNECT NEW STORM PIPE TO EXISTING STORM PIPE.
7. REMOVE AND WASTEHAUL EXISTING MONUMENT. INSTALL PRECAST MONUMENT PER DETAIL, SHEET 38.
8. ABANDON EXISTING PIPE PER SPECIFICATIONS.
9. REMOVE EXISTING ASBESTOS CEMENT PIPE AS NEEDED.
10. CONNECT NEW STORM PIPE TO EXISTING STORM PIPE W / INSERT-A-TEE. PROTECT EXIST. CONC. IN THE ROAD PRISM.
11. CAP STORM STUB AT R/W.



NOTES:

1. ALL COSTS ASSOCIATED WITH INSTALLING THE VERTICAL SECTION(S) OF PIPE SHALL BE INCLUDED IN THE UNIT PRICE BID PER FOOT FOR PIPE MEASURED ON THE HORIZONTAL PLANE
2. ALL EXPOSED PIPE AND CAP SHALL BE WHITE OR GRAY AND SHALL MATCH.

UNDERDRAIN DETAIL

NTS

BURIED UTILITIES IN AREA CALL BEFORE YOU DIG
1-800-424-5555

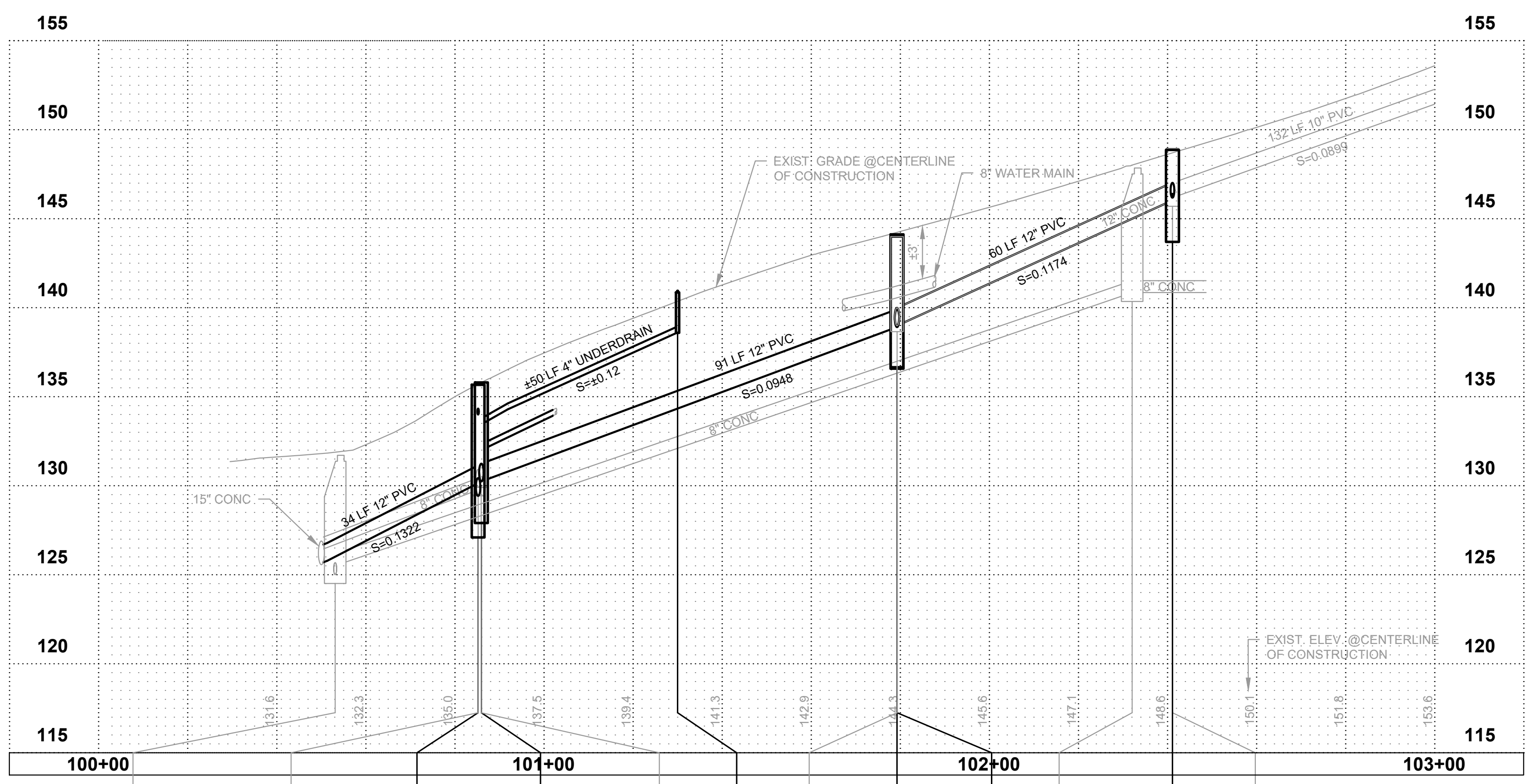
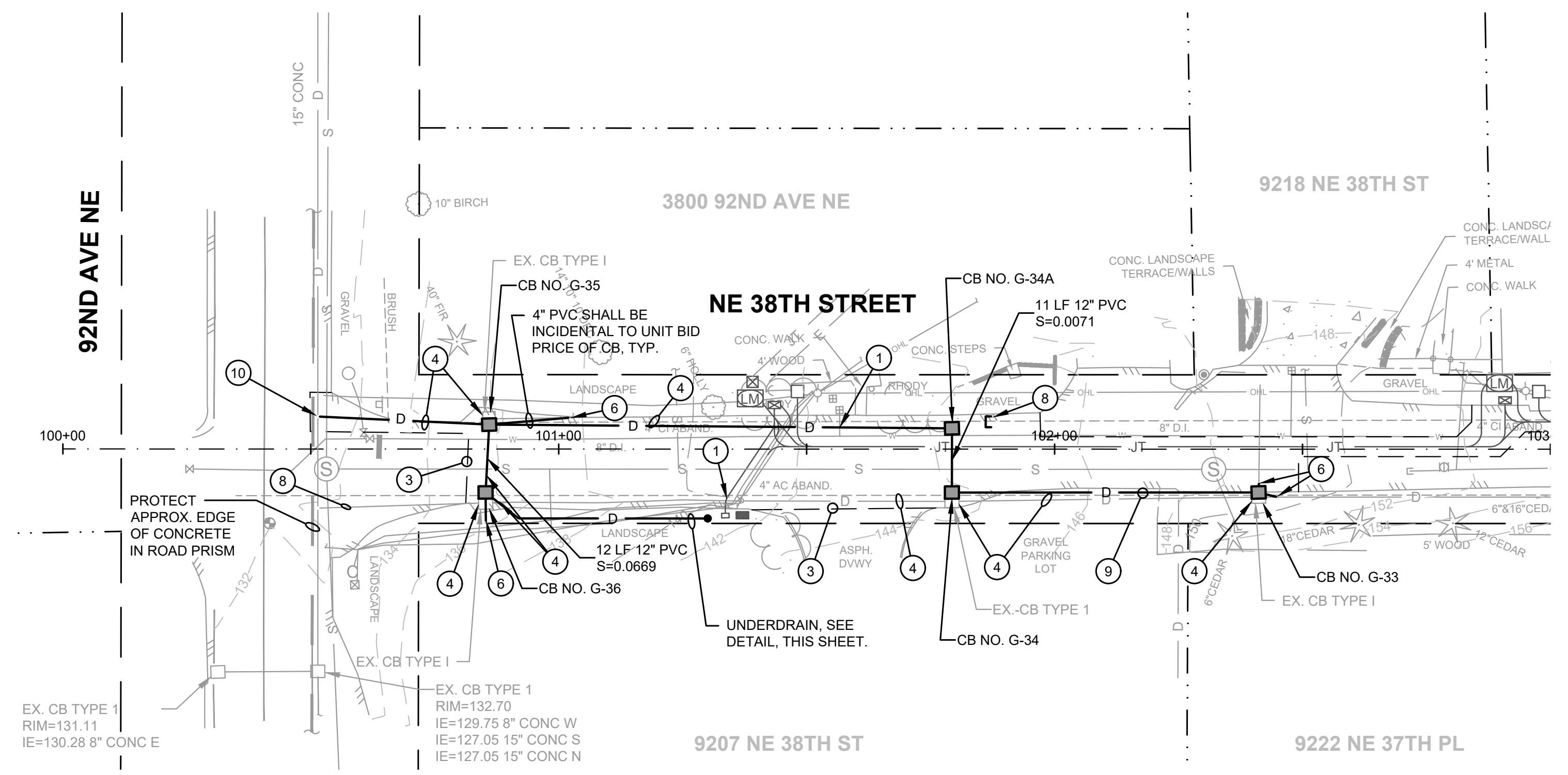
EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH

RIGHT-OF-WAY DISCLAIMER

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APPROVAL FOR CONSTRUCTION

BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025



| | | | | | | | | | | | |
|--|--|---|--|--|--|--|--|---|---|--|---|
| EX. 48" Ø RIM=131.71 IE=125.01 8" CONC S IE=125.51 8" CONC E IE=125.01 8" CONC N | EX. CB TYPE 1 (G-36) STA. 100+85.3, 10.9' RT RIM=135.61 IE=129.77 8" CONC W IE=134.00 4" CONC S IE=129.77 8" CONC N IE=129.92 12" CONC E | CB TYPE 1, CB No. G-36 STA. 100+85.2, 8.8' RT RIM=135.68 IE=133.35 4" CPEP SE IE=129.43 12" PVC N IE=134.00 4" PVC S | CB TYPE 1, CB NO. G-35 STA. 100+86.0, 4.8' LT RIM=135.80 IE=130.24 12" PVC W IE=130.24 12" PVC S IE=130.24 12" PVC E IE=132.00 4" CONC E | EX. CB TYPE 1 (G-35) RIM=135.80 IE=130.24 4" CONC S IE=132.00 4" CONC E | CO. CO. NO. 1 STA. 50+95.7, 3.99' LT RIM=140.84 IE=138.61 4" CPEP W | EX. CB TYPE 1 (G-34) STA. 101+79.3, 10.5' RT RIM=142.9 IE=138.99 12" CONC W IE=138.99 12" CONC E | CB TYPE 1, CB NO. G-34 STA. 101+79.3, 8.8' RT RIM=144.00 IE=138.99 12" PVC N IE=138.99 12" PVC E | CB TYPE 1, CB NO. G-34A STA. 51+11.9, 3.49' LT RIM=144.12 IE=146.03 12" PVC W IE=146.03 12" PVC E IE=146.23 2" PVC N | EX. 48" Ø RIM=147.85 IE=140.85 8" CONC W IE=140.85 8" CONC E | CB TYPE 1, CB NO. G-33 STA. 102+41.1, 8.7' RT RIM=148.86 IE=146.03 12" PVC W IE=146.03 12" PVC E IE=146.23 2" PVC N | EX. CB TYPE 1 (G-33) RIM=148.85 IE=146.18 10" PVC E IE=146.23 2" PVC N IE=146.03 12" CONC W |
|--|--|---|--|--|--|--|--|---|---|--|---|

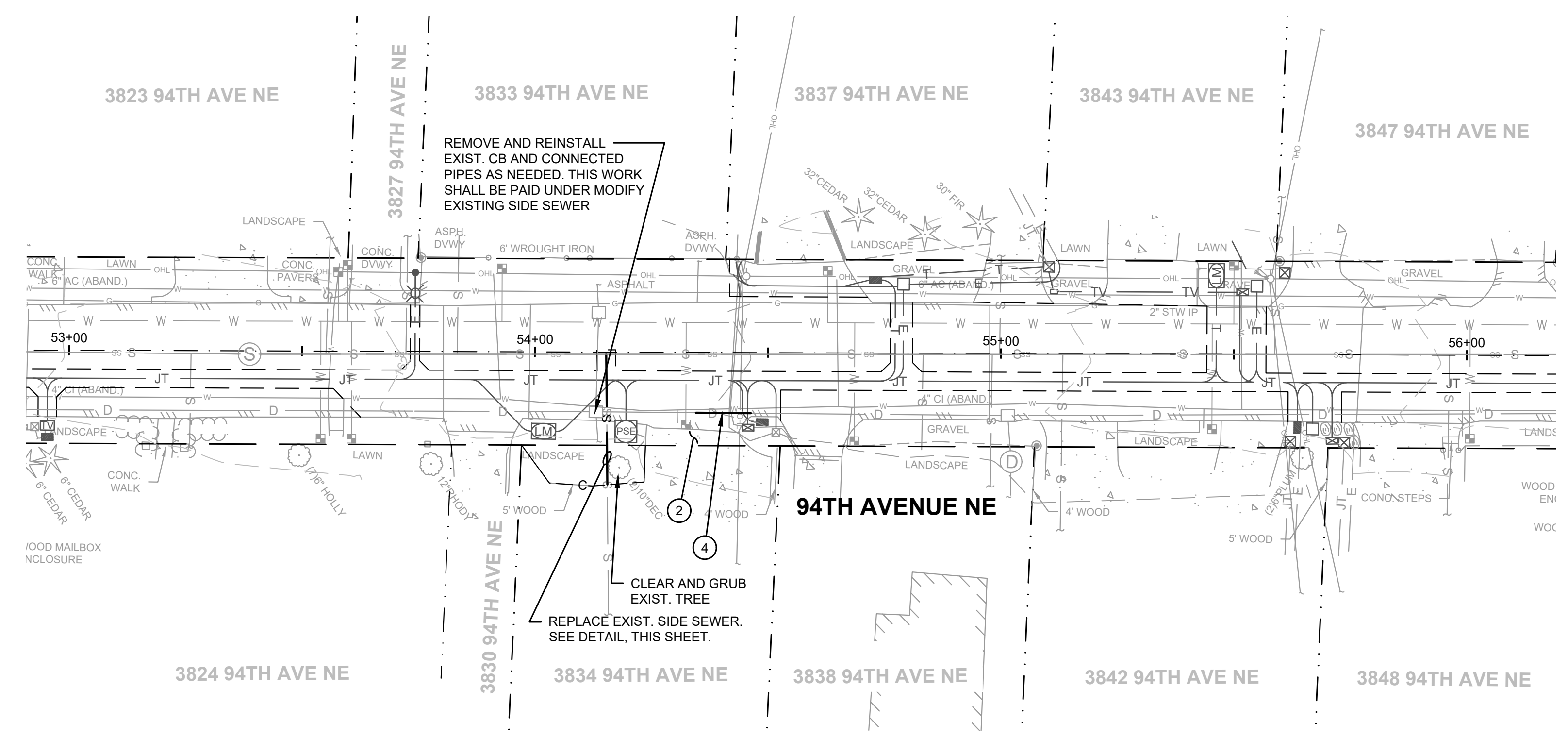
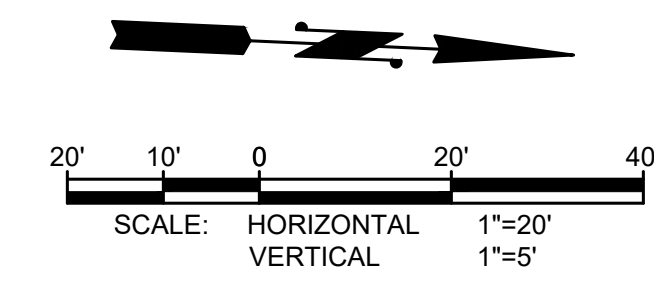
| No. | DATE | REVISION |
|--------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: STORM P&P.DWG | | |

0 1" 2"
TWO INCHES AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

CIVIL

**STORM PLAN &
PROFILE**

DRAWING: **7** OF: **40**

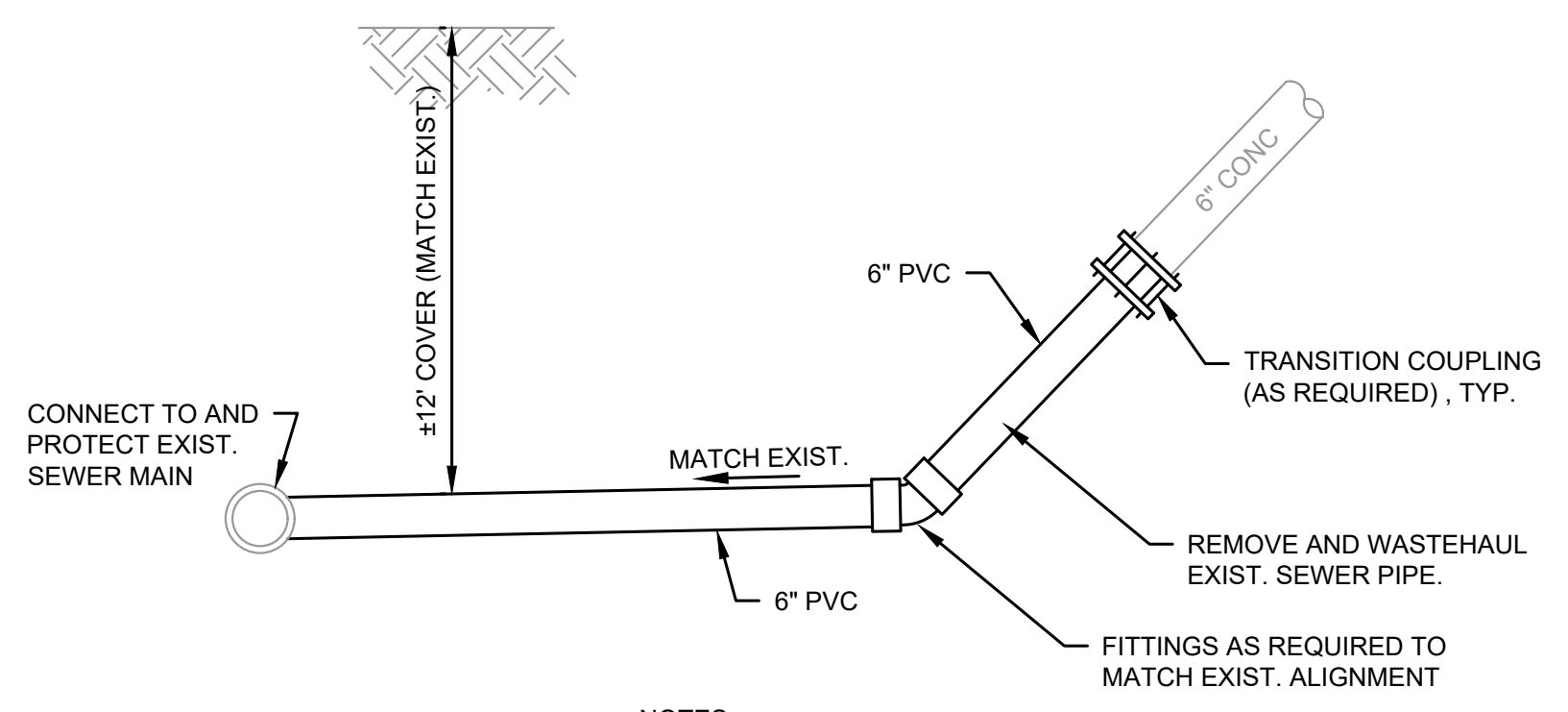
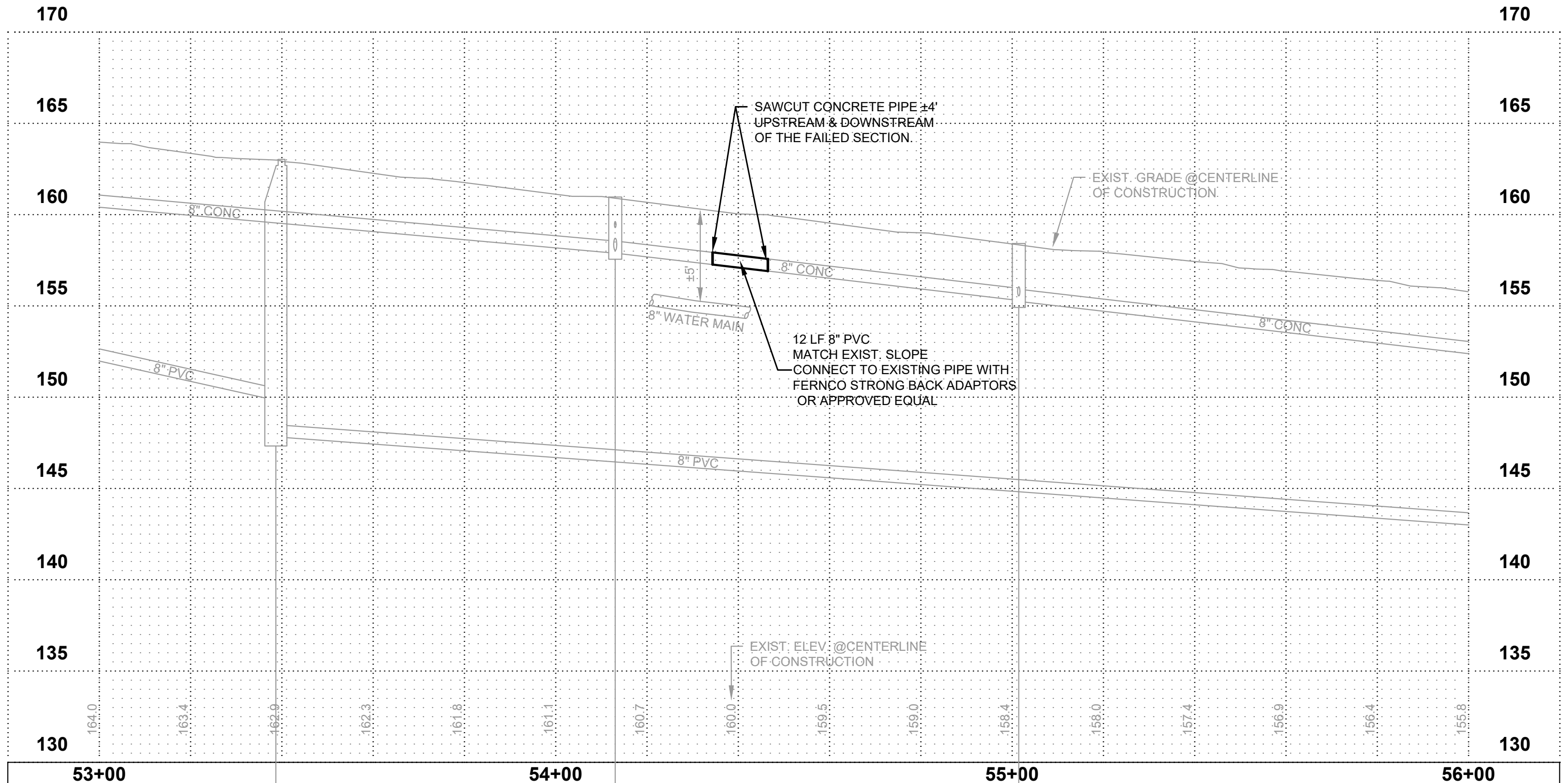


GENERAL STORM DRAINAGE NOTES

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- IRRIGATION (PIPES, WIRES, SPRINKLER HEADS, ETC.) ENCOUNTERED SHALL BE CUT AT THE LIMITS OF EXCAVATION AND PIPES SHALL BE BROUGHT TO FINISHED GRADE AND CAPPED. COORDINATE WITH HOME OWNERS AS NEEDED.
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- CAP STORM STUB AT R/W.



NOTES:

- SAWCUT EXIST PIPE AT LIMITS OF EXCAVATION (±3' MIN. BEYOND FAILED SECTION OF SIDE SEWER).

SIDE SEWER REPLACEMENT DETAIL

NTS

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APPROVAL FOR CONSTRUCTION

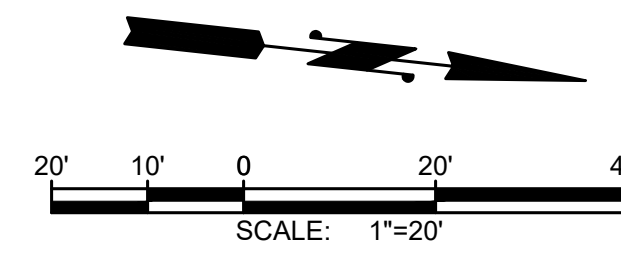
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\STORM P&P.dwg, 1/31/2024 12:21 PM, CHRIS BACON

EX: 48' Ø
RIM=165.03
IE=149.83 8" PVC S
IE=147.83 6" PVC N

EX: CB TYPE 1 (G-48)
STA: 54+13.1, 12.8' RT
RIM=160.97
IE=157.89 8" CONC S
IE=159.29 4" CPEP E
IE=157.89 8" CONC N
IE=158.04 8" CONC W

EX: CB TYPE 1 (G-49)
STA: 55+01.5, 13.3' RT
RIM=156.42
IE=155.25 8" PVC N
IE=155.30 8" PVC S
IE=155.55 6" PVC E



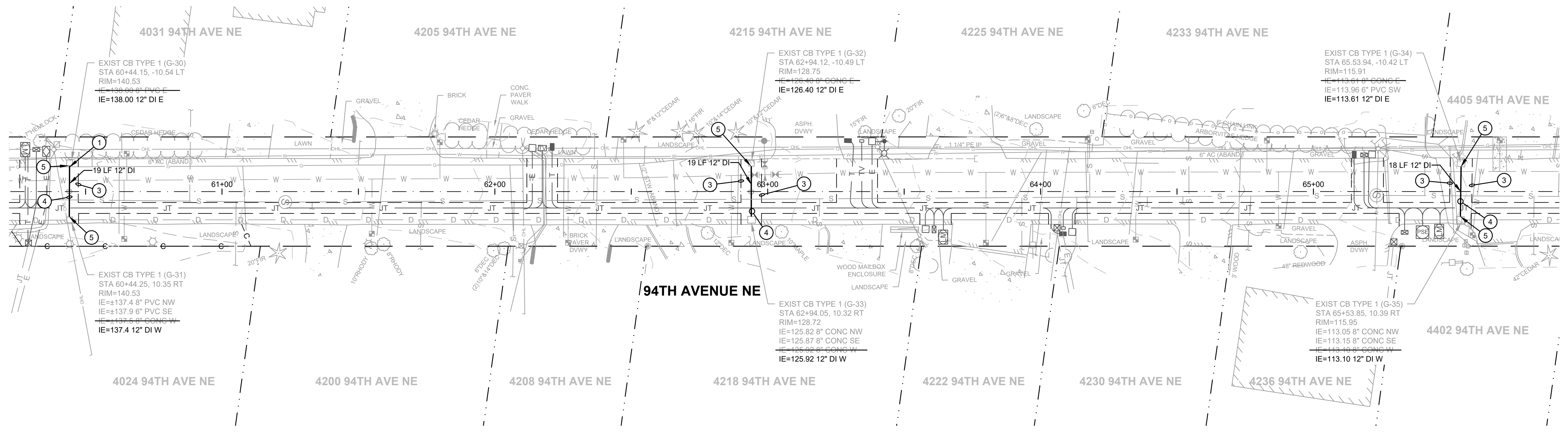
Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

TOWN OF
YARROW POINT



TOWN OF
YARROW POINT

TOWN WIDE
**STORMWATER AND
UGC PROJECT**



GENERAL STORM DRAINAGE NOTES

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- 11 CAP STORM STUB AT R/W.

| No. | DATE | REVISION |
|-----|------|----------|
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| | |
|----------------|---------------|
| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | STORM P&P.DWG |



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APPROXIMATE.

APPROVAL FOR CONSTRUCTION
David Schuster
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

CIVIL
**STORM PLAN &
PROFILE**

DRAWING: **8** OF: **40**

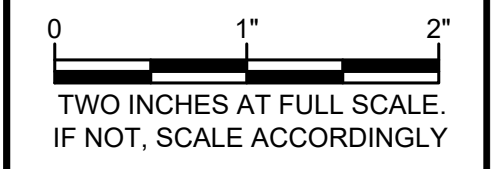
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TOWN OF
YARROW POINT

TOWN WIDE
**STORMWATER AND
UGC PROJECT**

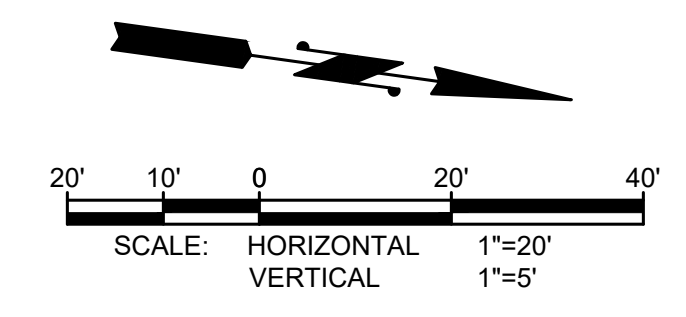
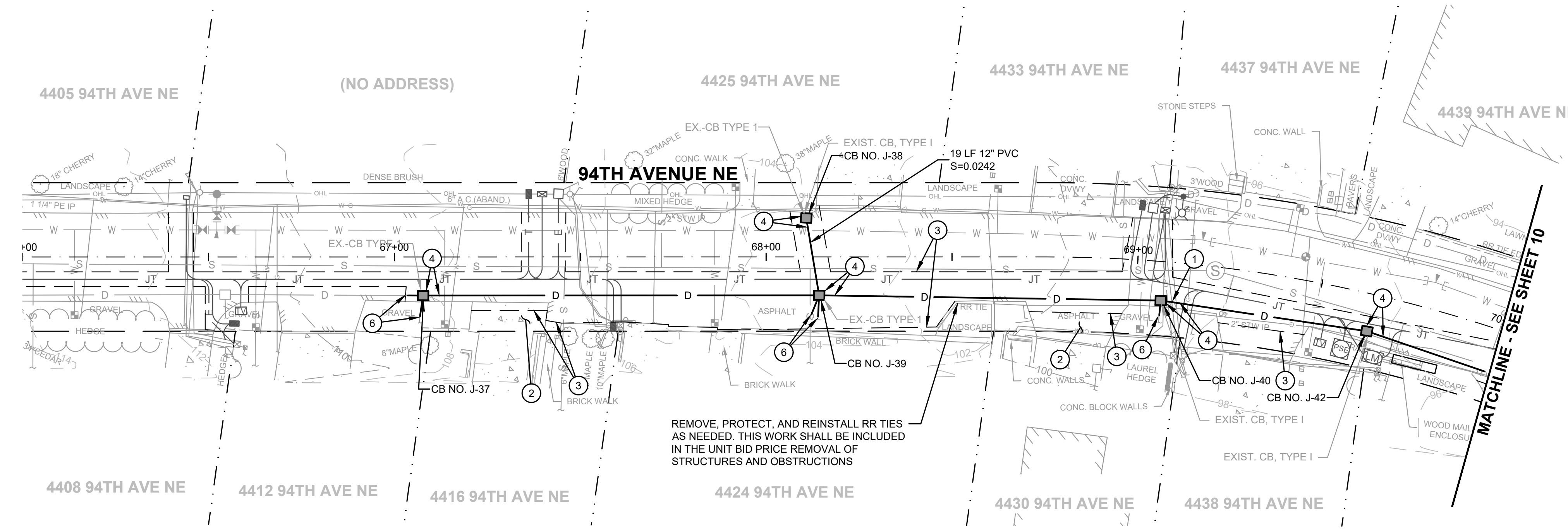
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| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: STORM P&P.DWG | | |



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**STORM PLAN &
PROFILE**

DRAWING: **9** OF: **40**



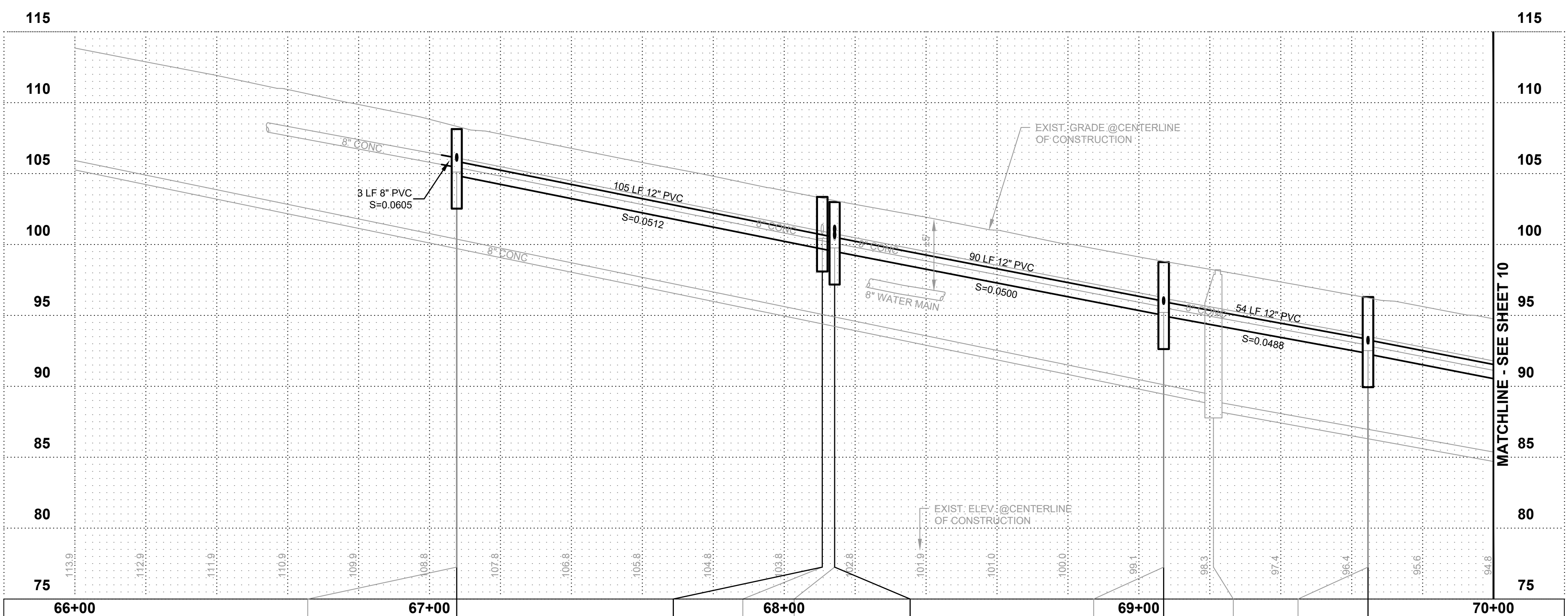
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- CAP STORM STUB AT RW.

REMOVE, PROTECT, AND REINSTALL RR TIES AS NEEDED. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE REMOVAL OF STRUCTURES AND OBSTRUCTIONS



M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\STORM P&P.dwg, 1/31/2024 12:21 PM, CHRIS BACON

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|---|--|--|---|---|---|---|---|--|---|---|
| EX. CB TYPE 1 (J-37) STA. 67+07.7, 10.4 FT RIM=108.13 IE=105.44 8" CONC S IE=105.44 8" CONC N IE=105.89 6" PVC E IE=105.89 6" PVC E | CB TYPE 1, CB NO. J-37 STA. 67+07.7, 10.4 FT RIM=108.13 IE=105.44 8" PVC S IE=105.89 6" PVC E IE=104.86 12" PVC N | EX. CB TYPE 1, CB NO. J-38 STA. 68+10.8, 10.5 FT RIM=103.35 IE=100.43 12" PVC E | EX. CB TYPE 1 (J-38) RIM=103.35 IE=100.76 8" CONC E | EX. CB TYPE 1 (J-39) RIM=102.99 IE=100.09 8" CONC S IE=100.09 8" CONC N IE=100.29 8" CONC W IE=100.84 6" PVC E IE=100.44 6" PVC E | EX. CB TYPE 1, CB NO. J-39 STA. 68+14.3, 10.8 FT RIM=102.99 IE=99.51 12" PVC N IE=99.96 12" PVC W IE=100.84 6" PVC E IE=100.44 6" PVC E IE=99.51 12" PVC S | EX. CB TYPE 1 (J-40) STA. 69+07.0, 10.5 FT RIM=96.76 IE=95.59 8" CONC S IE=95.79 8" CONC N IE=95.79 8" PVC E | CB TYPE 1, CB NO. J-40 STA. 69+07.0, 10.5 FT RIM=96.76 IE=95.01 12" PVC S IE=94.96 12" PVC N IE=95.79 8" PVC E | EX. 48" Ø RIM=96.22 IE=88.72 8" CONC S IE=86.27 6" CONC N | EX. CB TYPE 1 (J-42) STA. 69+54.6, 10.0 FT RIM=96.29 IE=92.90 8" CONC S IE=92.85 8" CONC N IE=93.00 6" PVC E | CB TYPE 1, CB NO. J-42 STA. 69+54.6, 10.0 FT RIM=96.29 IE=92.32 12" PVC S IE=92.27 12" PVC N IE=93.00 6" PVC E |
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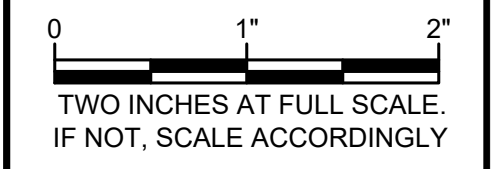
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APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

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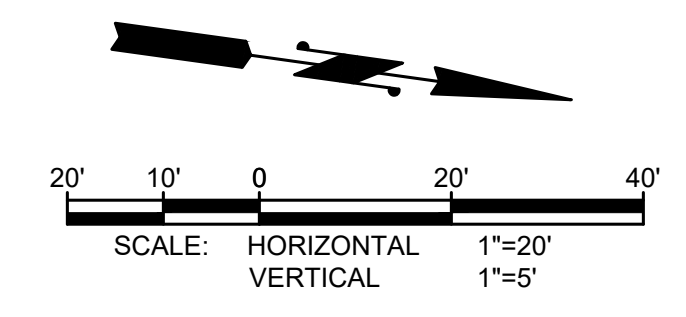
ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: STORM P&P.DWG



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STORM PLAN & PROFILE

DRAWING: **10** OF: **40**

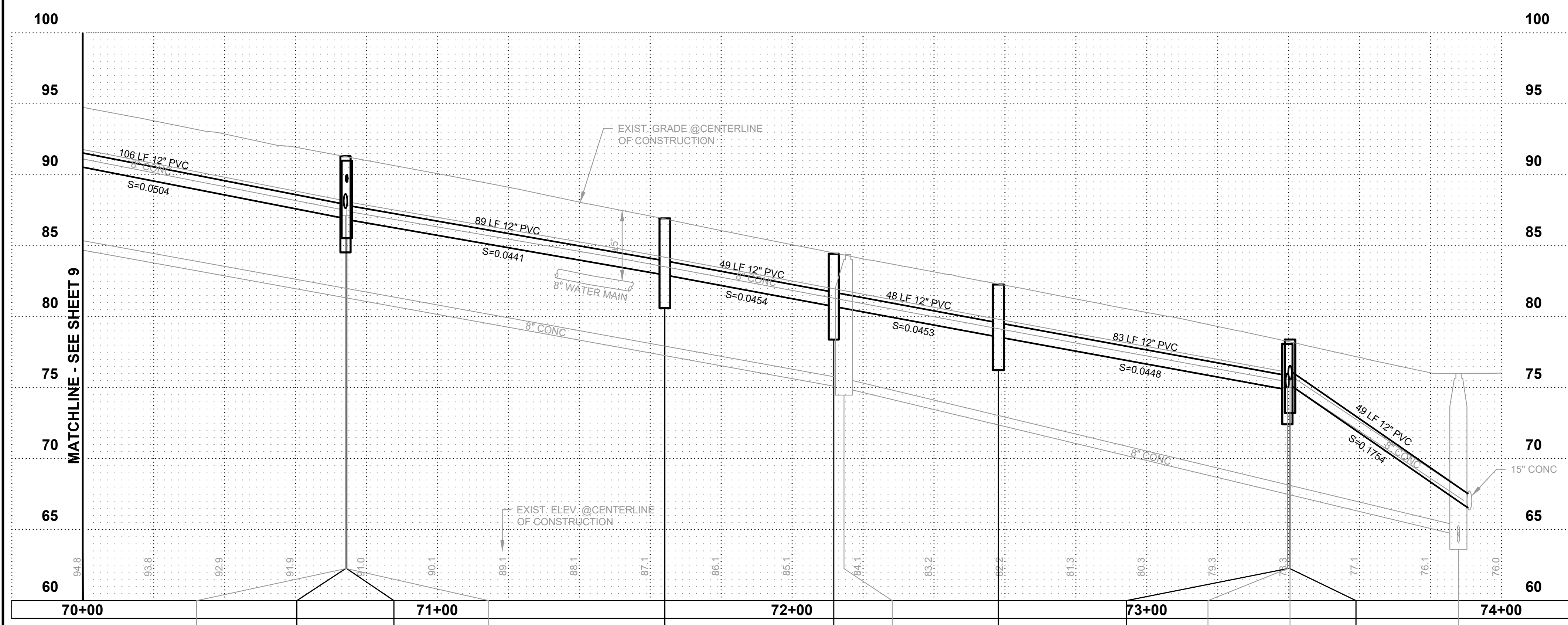
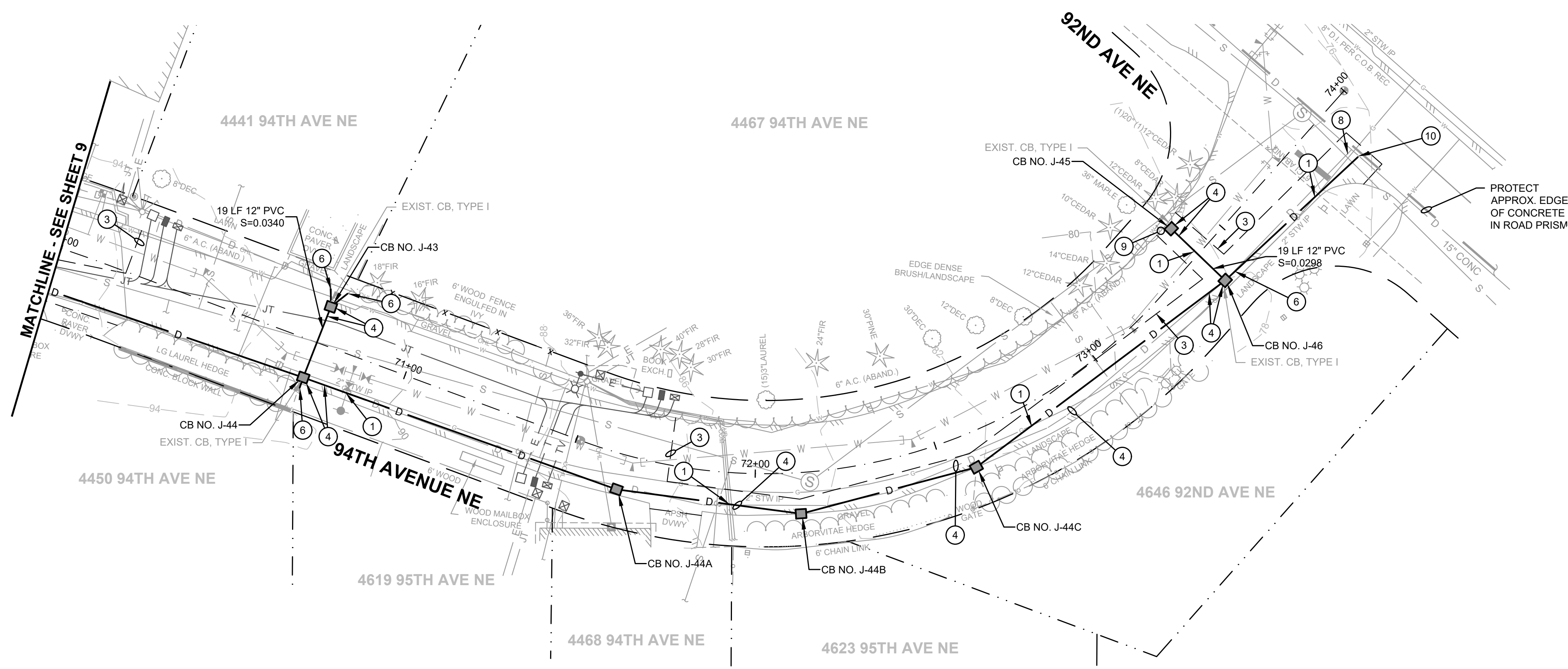


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| | | | | | | | | | | | |
|--|--|--|--|---|---|--|--|--|--|--|---|
| EX. CB TYPE 1 (J-44) STA. 70+74.1, 10.3' RT RIM=91.31 IE=87.45 6" CONC N IE=87.56 6" CONC W IE=87.50 8" CONC S IE=87.65 12" CONC E | CB TYPE 1, CB NO. J-44 STA. 70+74.1, 10.3' RT RIM=91.31 IE=87.45 6" CONC N IE=87.56 6" CONC W IE=87.50 8" CONC S IE=87.65 12" CONC E | CB TYPE 1, CB NO. J-43 STA. 70+74.5, 10.5' LT RIM=91.00 IE=89.50 6" PVC W IE=89.50 6" PVC NW IE=87.87 12" PVC E | EX. CB TYPE 1 (J-43) STA. 70+74.5, 10.5' LT RIM=91.00 IE=89.50 6" PVC W IE=89.50 6" PVC NW IE=87.87 12" PVC E | CB TYPE 1, CB NO. J-44A STA. 71+64.2, 9.7' RT RIM=86.93 IE=82.94 12" PVC S IE=82.94 12" PVC N | CB TYPE 1, CB NO. J-44B STA. 72+11.6, 11.2' RT RIM=84.44 IE=80.72 12" PVC S IE=80.72 12" PVC N EX. 48" Ø RIM=84.38 IE=74.98 8" CONC S IE=74.98 8" CONC NW | CB TYPE 1, CB NO. J-44C STA. 72+58.2, 9.4' RT RIM=82.27 IE=78.57 12" PVC S IE=78.57 12" PVC NW | CB TYPE 1, CB NO. J-46 RIM=78.09 IE=75.33 12" PVC NW IE=74.85 12" PVC SE IE=75.00 12" PVC SW | EX. CB TYPE 1 (J-46) RIM=78.09 IE=75.43 6" CONC SE IE=75.33 6" CONC SW IE=75.39 6" CONC NW | EX. CB TYPE 1 (J-45) RIM=78.39 IE=75.89 8" CONC NE | CB TYPE 1, CB NO. J-45 RIM=78.39 IE=75.56 12" PVC NE | EX. 48" Ø RIM=76.01 IE=64.61 8" CONC SW IE=64.61 8" CONC SE IE=64.11 8" CONC NE |
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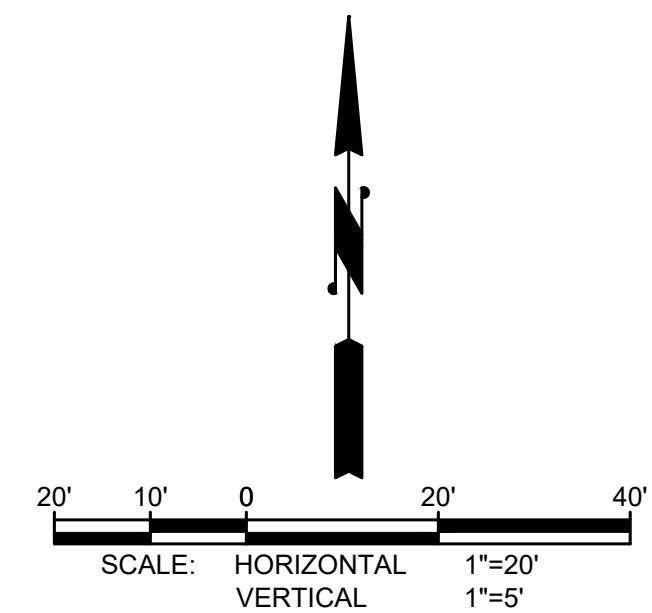
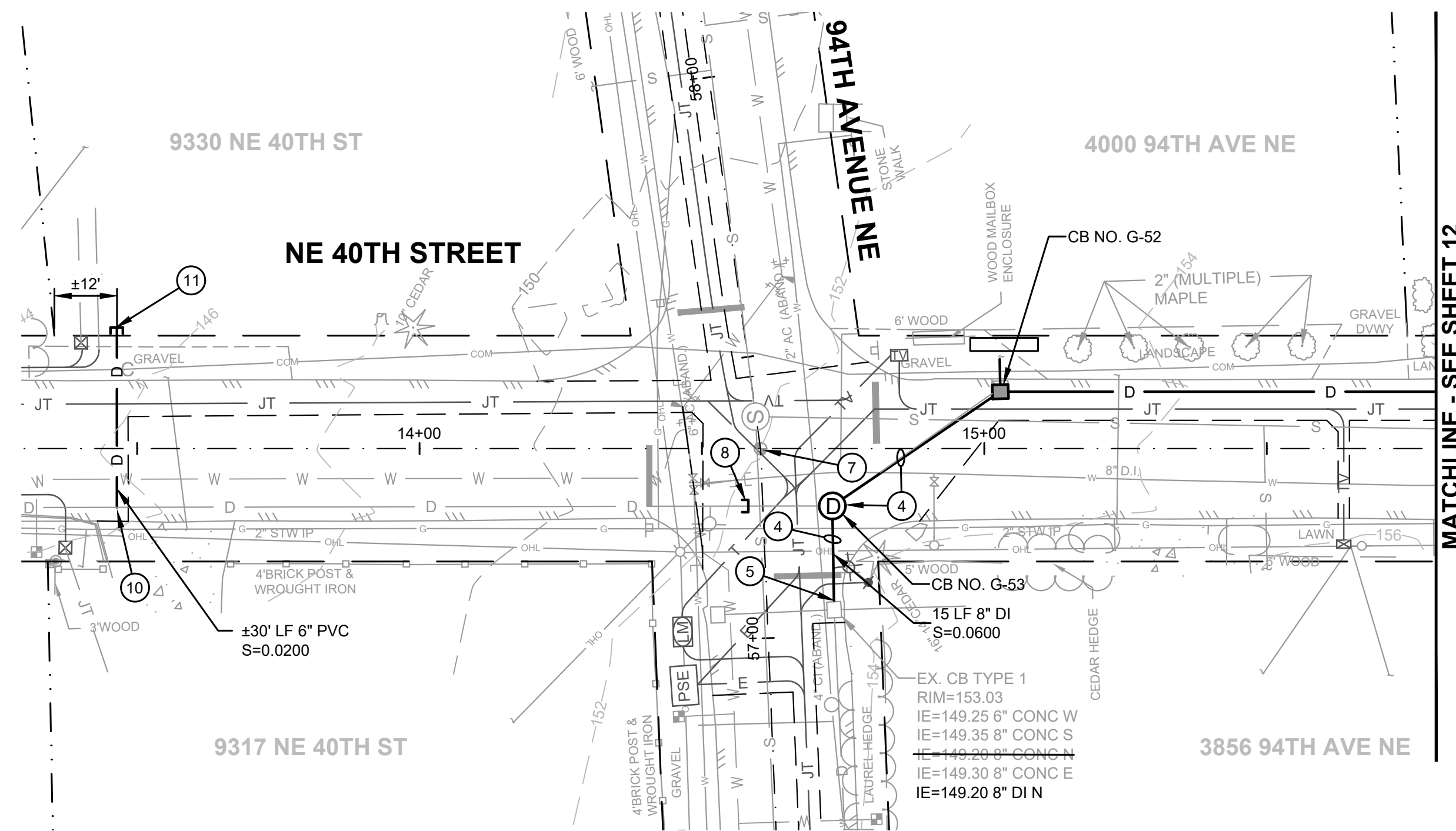
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APPROVAL FOR CONSTRUCTION
 BY: TOWN OF YARROW POINT
 DATE: JANUARY 2024
 APPROVAL EXPIRES: JANUARY 2025

BURIED UTILITIES IN AREA CALL BEFORE YOU DIG
 1-800-424-5555
 EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\STORM P&P.dwg, 1/31/2024 12:21 PM, CHRIS BACON

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\STORM P&P.dwg, 1/31/2024 12:21 PM, CHRIS BACON

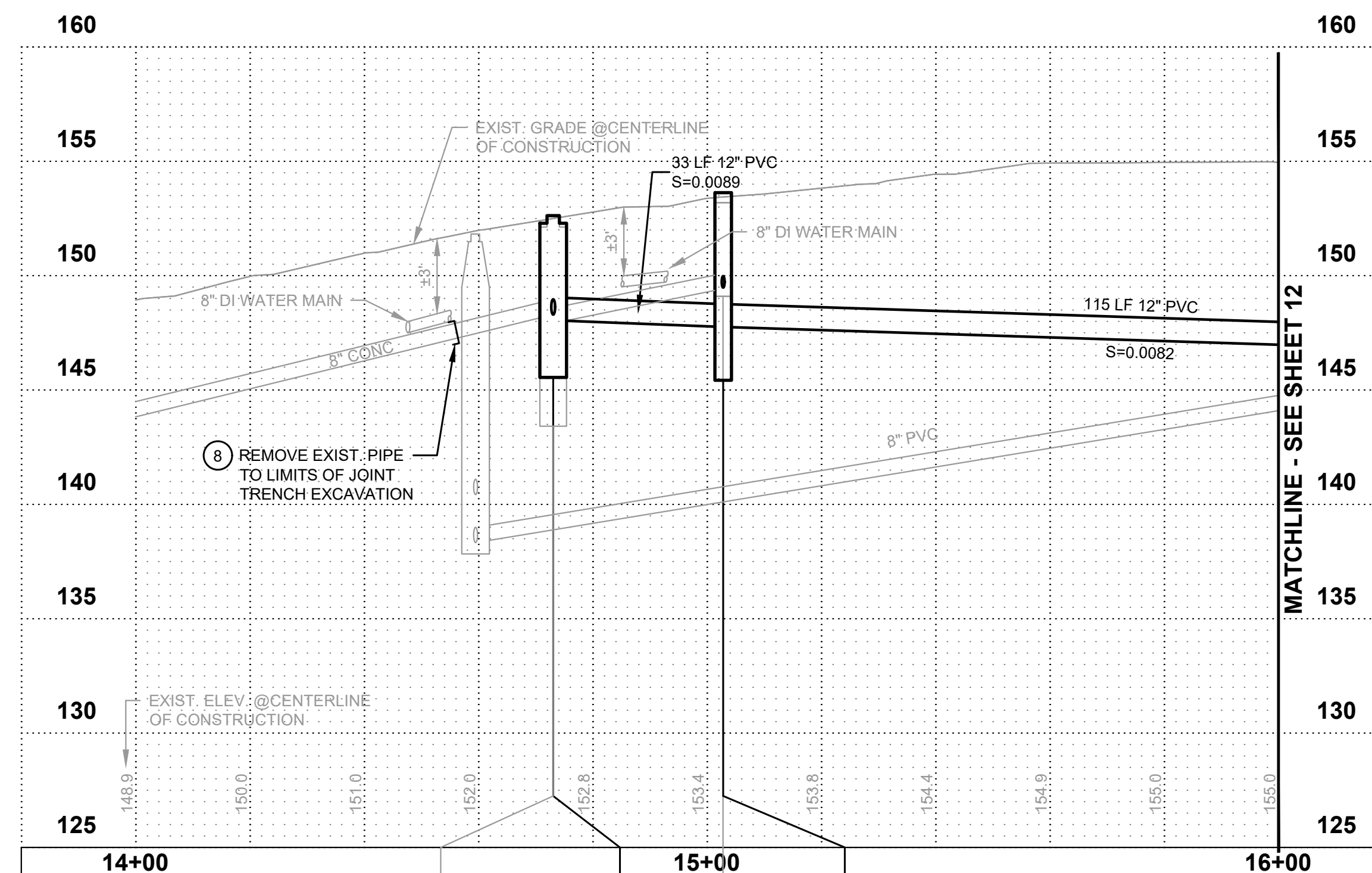


GENERAL STORM DRAINAGE NOTES

1. INSTALL BYPASS PUMPING, AS NEEDED, TO MAINTAIN STORWATER FLOW. BYPASS PUMPING SHALL BE INCLUDED IN THE UNIT BID PRICE FOR STORM PIPE.
2. IRRIGATION (PIPES, WIRES, SPRINKLER HEADS, ETC.) ENCOUNTERED SHALL BE CUT AT THE LIMITS OF EXCAVATION AND PIPES SHALL BE BROUGHT TO FINISHED GRADE AND CAPPED. COORDINATE WITH HOME OWNERS AS NEEDED.
3. ALL NEW CATCH BASINS HAVE A VANED GRATE EXCEPT AS NOTED.

STORM DRAINAGE NOTES

1. **CAUTION:** POTENTIAL UTILITY CONFLICT. VERIFY (POTHOLE) EXACT LOCATION AND DEPTH OF EXISTING UTILITY. SEE ORDER OF WORK.
2. PROTECT EXISTING CONCRETE DRIVEWAY, RETAINING WALL, SURVEY MONUMENT, UNDERGROUND UTILITIES, AND MAILBOX STRUCTURES DURING CONSTRUCTION.
3. SAWCUT EXISTING PAVEMENT AND SEAL JOINT (WHERE APPLICABLE) THEN APPLY SAND BLANKET TO THE SURFACE JOINT.
4. REMOVE AND WASTEHAUL EXISTING STORM DRAINAGE STRUCTURE(S)/PIPE.
5. CONNECT NEW STORM PIPE TO EXISTING CATCH BASIN. CORE DRILL IF KNOCK OUT IS NOT PRESENT.
6. CONNECT NEW STORM PIPE TO EXISTING STORM PIPE.
7. REMOVE AND WASTEHAUL EXISTING MONUMENT. INSTALL PRECAST MONUMENT PER DETAIL, SHEET 38.
8. ABANDON EXISTING PIPE PER SPECIFICATIONS.
9. REMOVE EXISTING ASBESTOS CEMENT PIPE AS NEEDED.
10. CONNECT NEW STORM PIPE TO EXISTING STORM PIPE W / INSERT-A-TEE. PROTECT EXIST. CONC. IN THE ROAD PRISM.
11. CAP STORM STUB AT R/W.



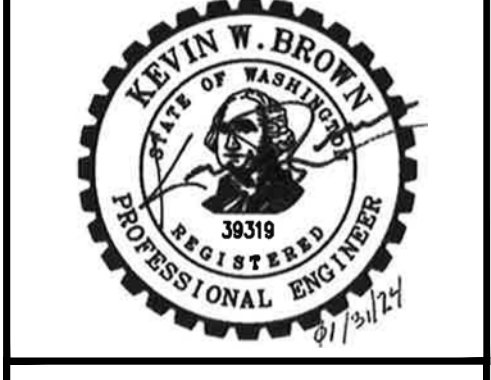
EX. TYPE 2, 48" Ø
STA. 147+52.8, 12.3' RT
RIM=152.63
IE=148.30 8" CONC W
IE=148.30 8" CONC S
IE=147.92 8" PVC NE

TYPE 2, 48" Ø, CB NO. G-53
STA. 147+29.8, 12.3' RT
RIM=152.63
RIM=152.63
IE=148.05 12" PVC NE
IE=148.30 8" DI S

EX. CB TYPE 1
STA. 147+38.4, 49.5' RT
RIM=153.19
IE=149.31 8" PVC SW
IE=149.48 8" PVC N

CB TYPE 1, CB NO. G-52
STA. 147+37.7, 49.5' RT
RIM=153.69
IE=147.76 12" PVC E
IE=149.48 8" PVC N

Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

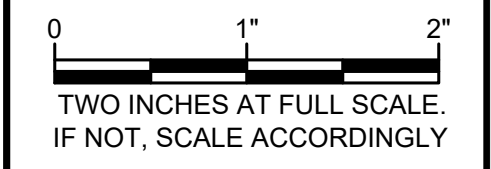


TOWN OF YARROW POINT

TOWN WIDE STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: STORM P&P.DWG



CIVIL

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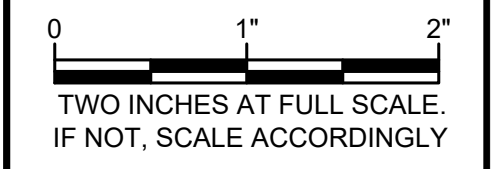
APPROVAL FOR CONSTRUCTION
 BY: *David Schuster*
 TOWN OF YARROW POINT
 DATE: JANUARY 2024
 APPROVAL EXPIRES: JANUARY 2025

STORM PLAN & PROFILE

DRAWING: **11** OF: **40**

| No. | DATE | REVISION |
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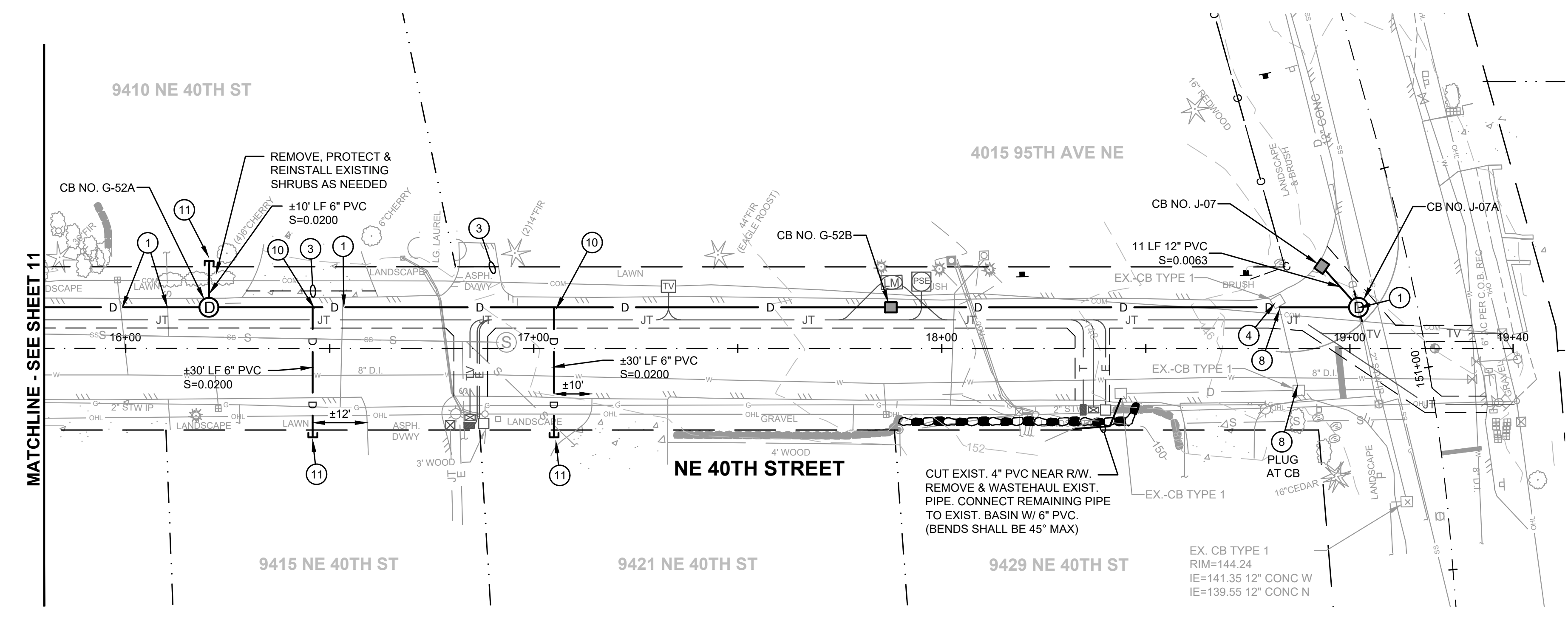
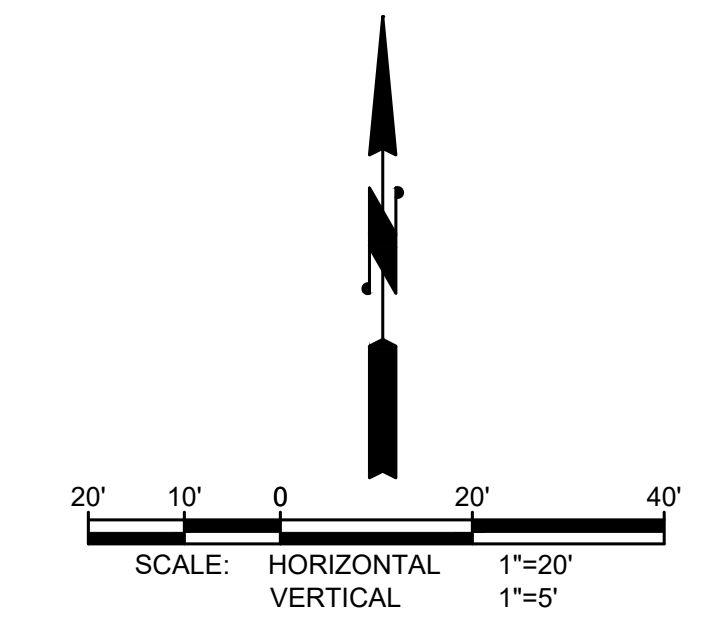
ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: STORM P&P.DWG



CIVIL

STORM PLAN & PROFILE

DRAWING: **12** OF: **40**

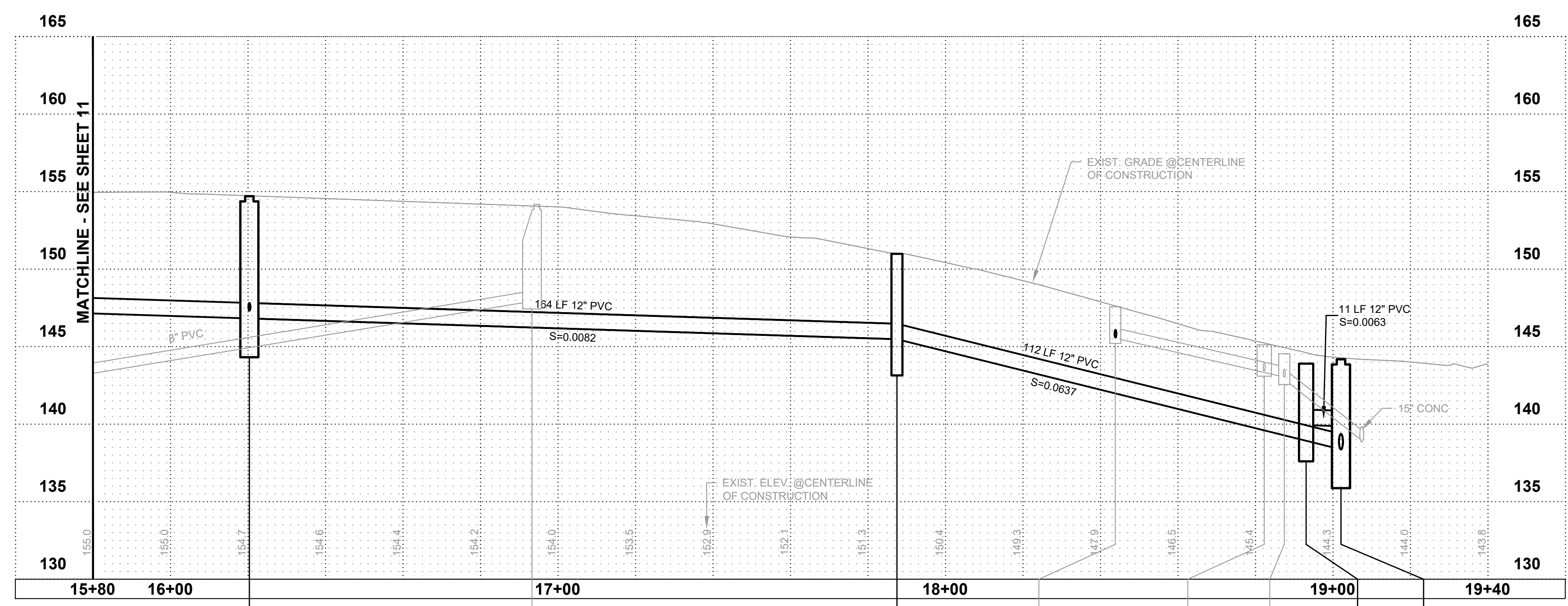


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STORM DRAINAGE NOTES

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APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

MATCHLINE - SEE SHEET 11

MATCHLINE - SEE SHEET 11

TYPE 2, 48" Ø, CB NO. G-52A
STA. 16+20.4, 10.1' LT
RIM=154.70
IE=146.82 12" PVC W
IE=146.82 12" PVC E
IE=147.32 6" PVC N

EX. 48" Ø
STA. 16+93.3, 1.5' LT
RIM=154.18
IE=147.95 6" PVC W

CB TYPE 1, CB NO. G-52B
RIM=150.99
IE=145.48 12" PVC W
IE=145.48 12" PVC E

EX. CB TYPE 1
STA. 18+43.9, 11.0' RT
RIM=147.57
IE=145.54 8" CONC E
IE=143.43 6" PVC S

EX. CB TYPE 1
STA. 18+82.3, 11.5' LT
RIM=145.12
IE=143.43 6" CONC S

EX. CB TYPE 1
STA. 18+87.5, 10.3' RT
RIM=144.54
IE=143.04 8" CONC W
IE=142.89 8" CONC E

CB TYPE 1, CB NO. J-07
STA. 18+53.1, 20.1' LT
RIM=143.58
IE=139.94 12" PVC SE

TYPE 2, 48" Ø, CB NO. J-07A
STA. 19+02.1, 10.1' LT
RIM=144.19
IE=139.87 12" PVC NW
IE=138.37 12" PVC W
IE=138.37 12" PVC S
IE=138.37 12" PVC N

| No. | DATE | REVISION |
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| | | |

ISSUED FOR: **BID PLAN SET**

ISSUE DATE: **JAN 2024**

APPROVED BY: **KWB**

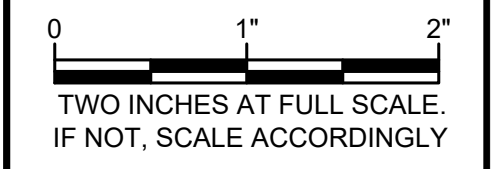
CHECKED BY: **KWB**

DRAWN BY: **CJB**

DESIGNER: **CJB**

G & O JOB NO.: **23445**

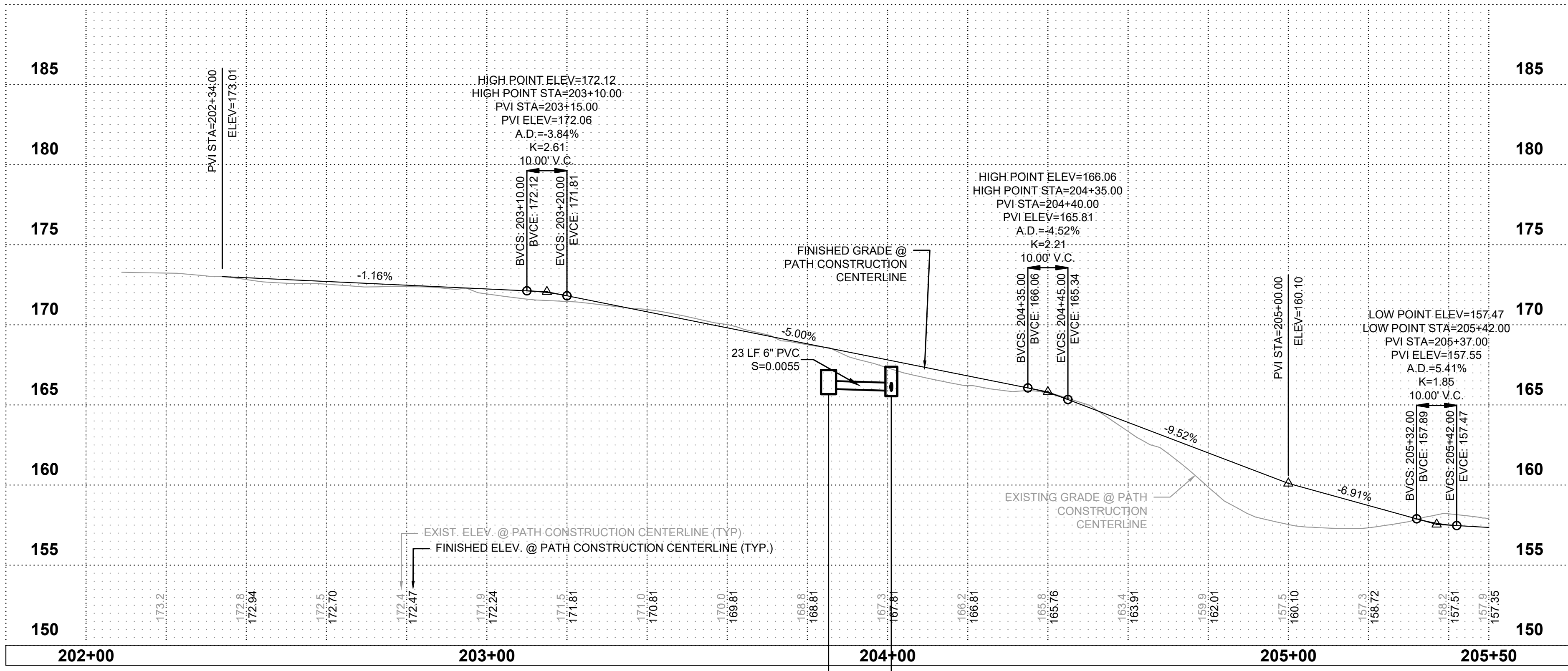
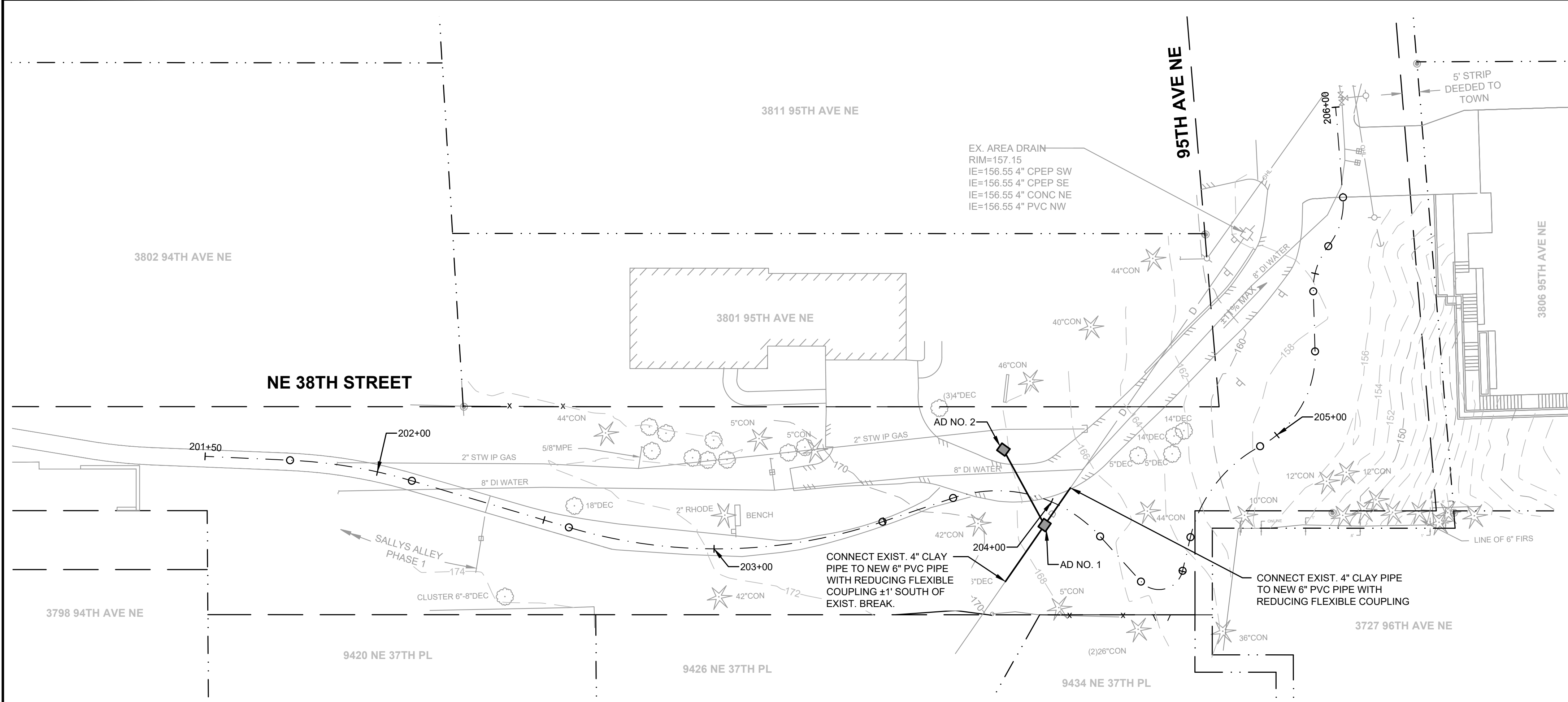
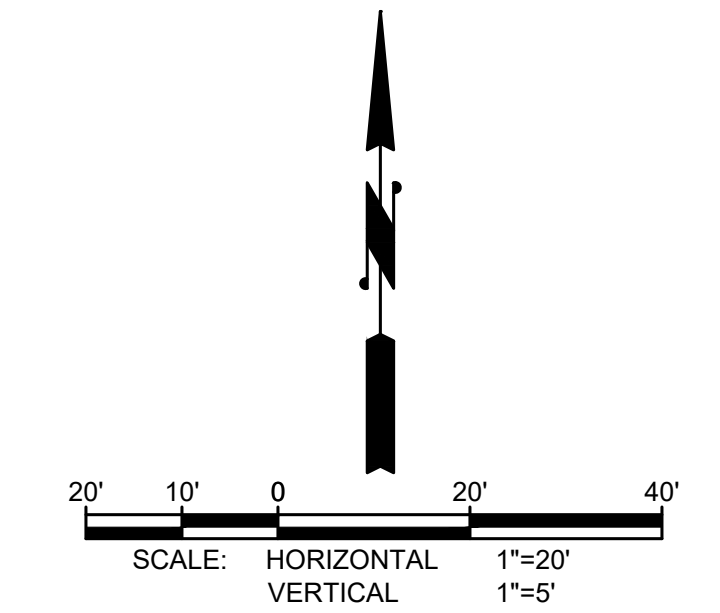
FILE: **STORM P&P.DWG**



CIVIL

**BID ADDITIVE: STORM
PLAN & PROFILE**

DRAWING: **13** OF: **40**



AREA DRAIN, AD NO. 2
STA. 203+35.3, 11.9' LT
RIM=167.18
IE=166.00 6" PVC SE

AREA DRAIN, AD NO. 1
STA. 204+00.9, 6.9' RT
RIM=167.38
IE=165.88 6" PVC SW
IE=165.88 6" PVC NW
IE=165.88 6" PVC NE

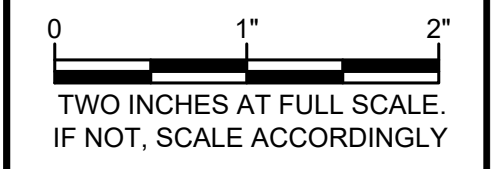
RIGHT-OF-WAY DISCLAIMER
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APPROVAL FOR CONSTRUCTION
BY: *David Schuster*
TOWN OF YARROW POINT
DATE: **JANUARY 2024**
APPROVAL EXPIRES: **JANUARY 2025**

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| No. | DATE | REVISION |
|-----|------|----------|
| | | |

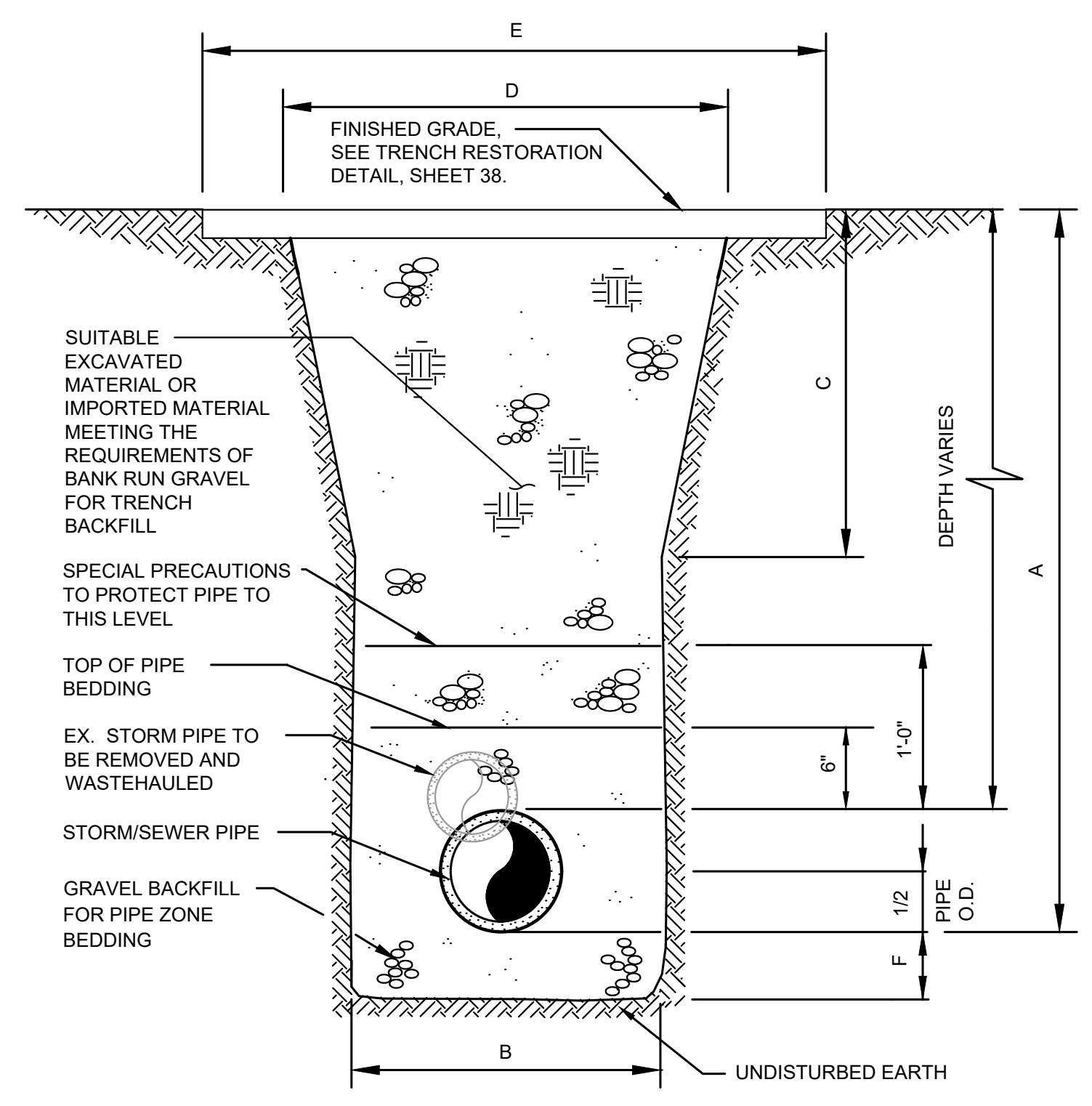
ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: DETAILS.DWG



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STORM DETAILS

DRAWING: **14** OF: **40**



TYPICAL TRENCH SECTION
NOT TO SCALE

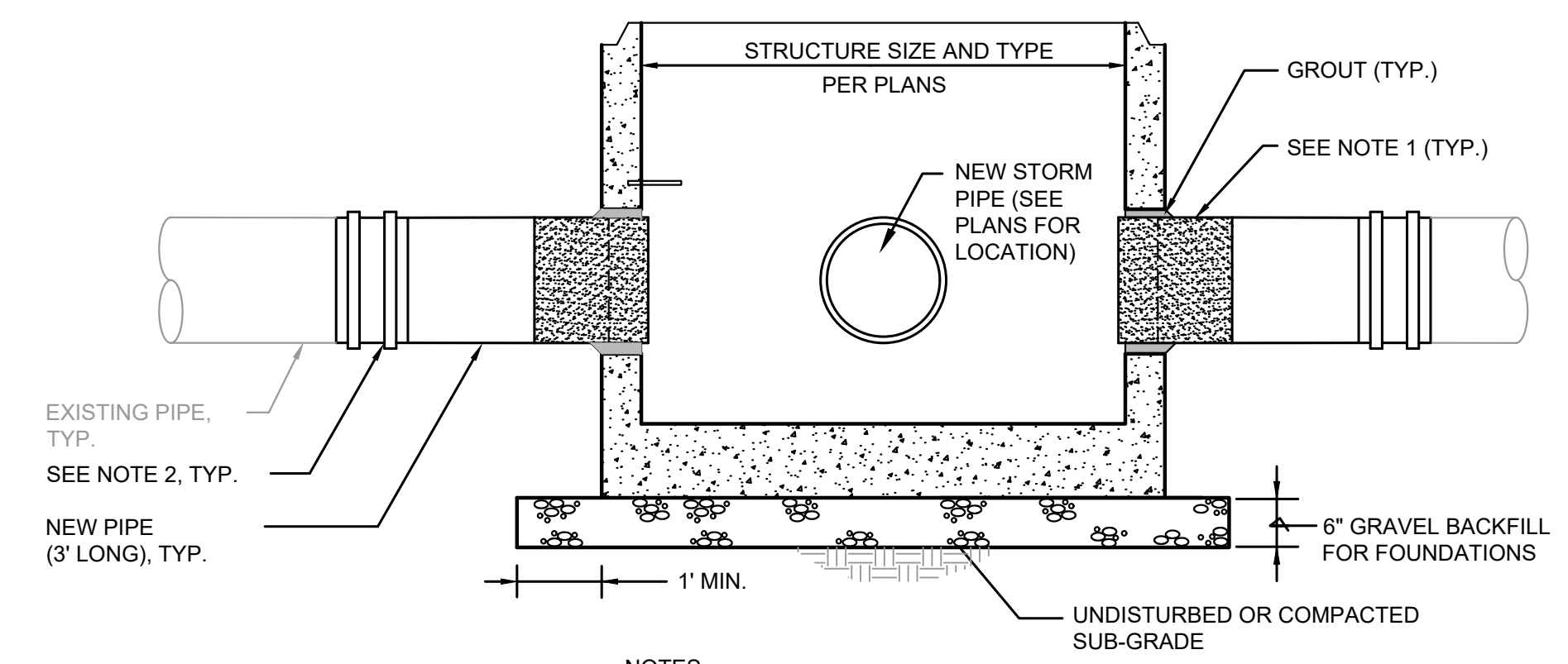
4", 6", & 8" DIAMETER PIPE

| | 6" OR LESS | 8" | 10" | 12" | 14" | 16" | 18" | 20" | 22" | 24" | 26" | 28" |
|---|------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| A | 1.50' | 1.50' | 1.75' | 2.25' | 2.75' | 3.25' | 3.75' | 4.25' | 4.75' | 5.25' | 5.75' | 6.25' |
| B | 5.50' | 5.50' | 6.00' | 7.00' | 8.00' | 9.00' | 10.00' | 11.00' | 12.00' | 13.00' | 14.00' | 15.00' |
| C | SEE PLANS | | | | | | | | | | | |
| D | SEE PLANS | | | | | | | | | | | |
| E | SEE PLANS | | | | | | | | | | | |
| F | 4 in | | | | | | | | | | | |

12" DIAMETER PIPE

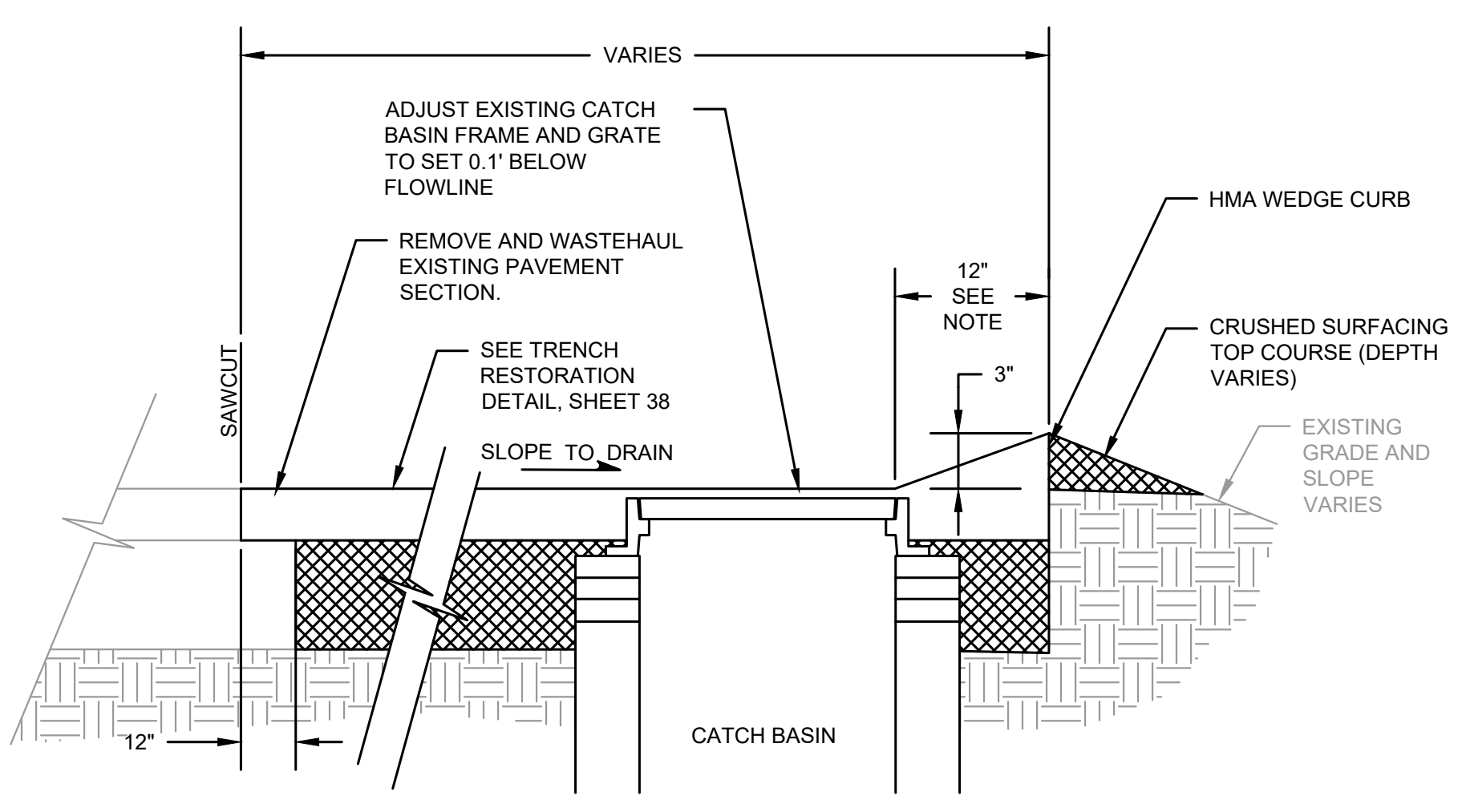
| | 6" OR LESS | 8" | 10" | 12" | 14" | 16" | 18" | 20" | 22" | 24" | 26" | 28" |
|---|------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| A | 1.50' | 1.50' | 1.75' | 2.25' | 2.75' | 3.25' | 3.75' | 4.25' | 4.75' | 5.25' | 5.75' | 6.25' |
| B | 7.50' | 7.50' | 8.00' | 9.00' | 10.00' | 11.00' | 12.00' | 13.00' | 14.00' | 15.00' | 16.00' | 17.00' |
| C | 8.50' | 8.50' | 9.00' | 10.00' | 11.00' | 12.00' | 13.00' | 14.00' | 15.00' | 16.00' | 17.00' | 18.00' |
| D | SEE PLANS | | | | | | | | | | | |
| E | SEE PLANS | | | | | | | | | | | |
| F | 6 in | | | | | | | | | | | |

PAYMENT LIMIT SCHEDULE



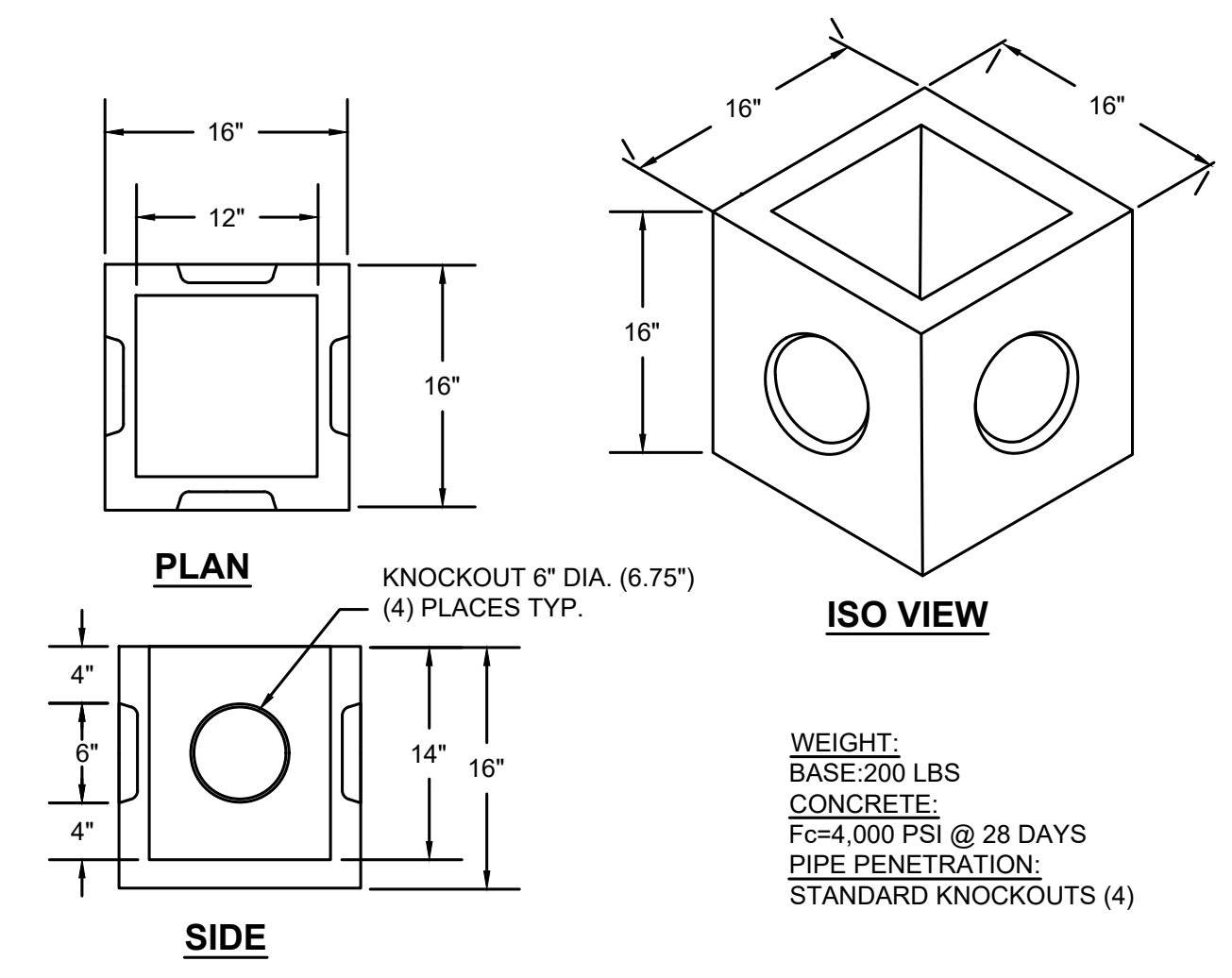
- NOTES:**
- "GPK" GASKETED HEAVY DUTY SAND COLLAR REQUIRED FOR ALL CONNECTIONS. (SIZE AS REQUIRED)
 - IN ORDER TO MAKE CONNECTION TO EX. PIPE, INSTALL 3' LENGTH OF NEW STORM PIPE (SIZE TO MATCH EX. PIPE) AND FERNCO ADAPTOR. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.

CATCH BASIN CONNECTION DETAIL
NTS

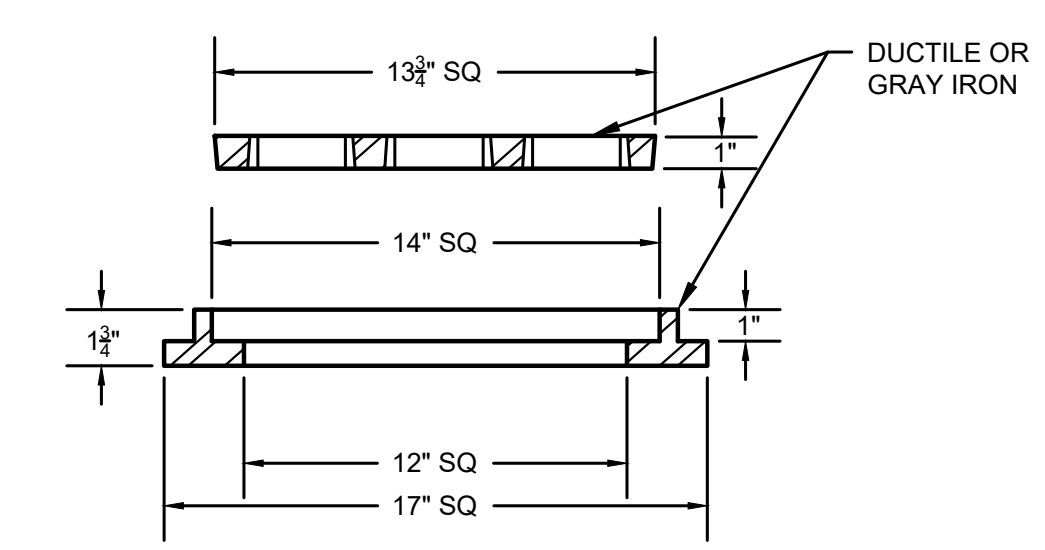


- NOTES:**
- REDUCE WEDGE CURB WIDTH TO 12" AT CB. TRANSITION OVER 3'.

CATCH BASIN PLACEMENT DETAIL
NOT TO SCALE



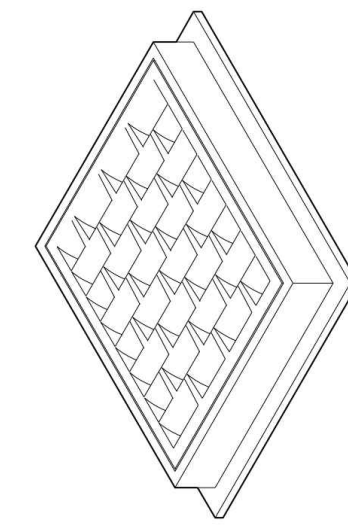
AREA DRAIN
NOT TO SCALE



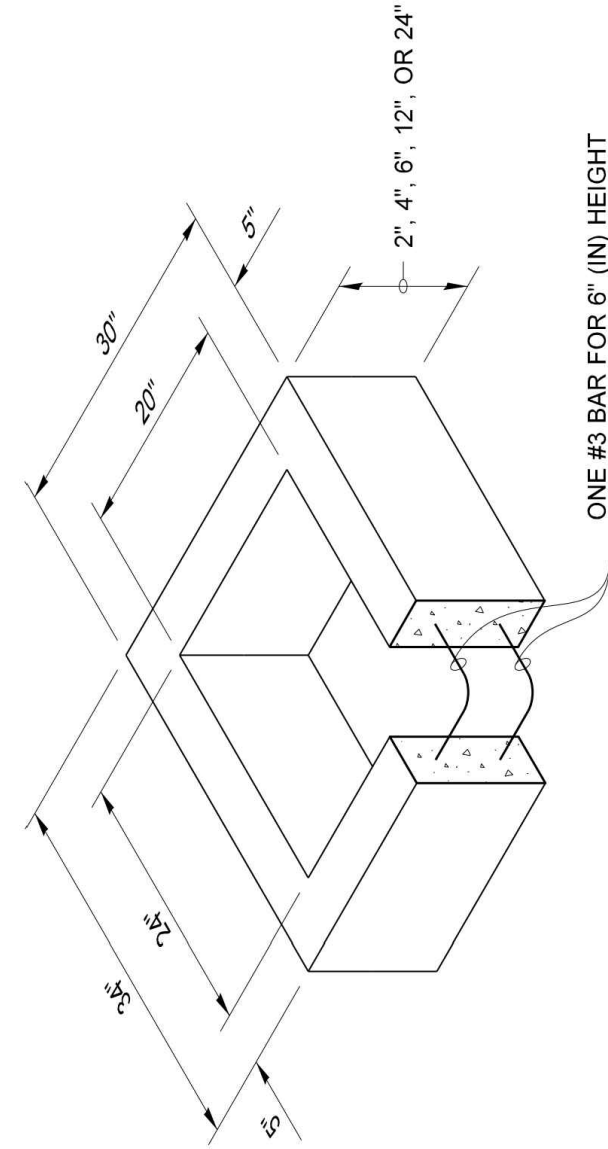
AREA DRAIN FRAME AND GRATE
NOT TO SCALE

APPROVAL FOR CONSTRUCTION
 BY: Stan Schuster
 TOWN OF YARROW POINT
 DATE: JANUARY 2024
 APPROVAL EXPIRES: JANUARY 2025

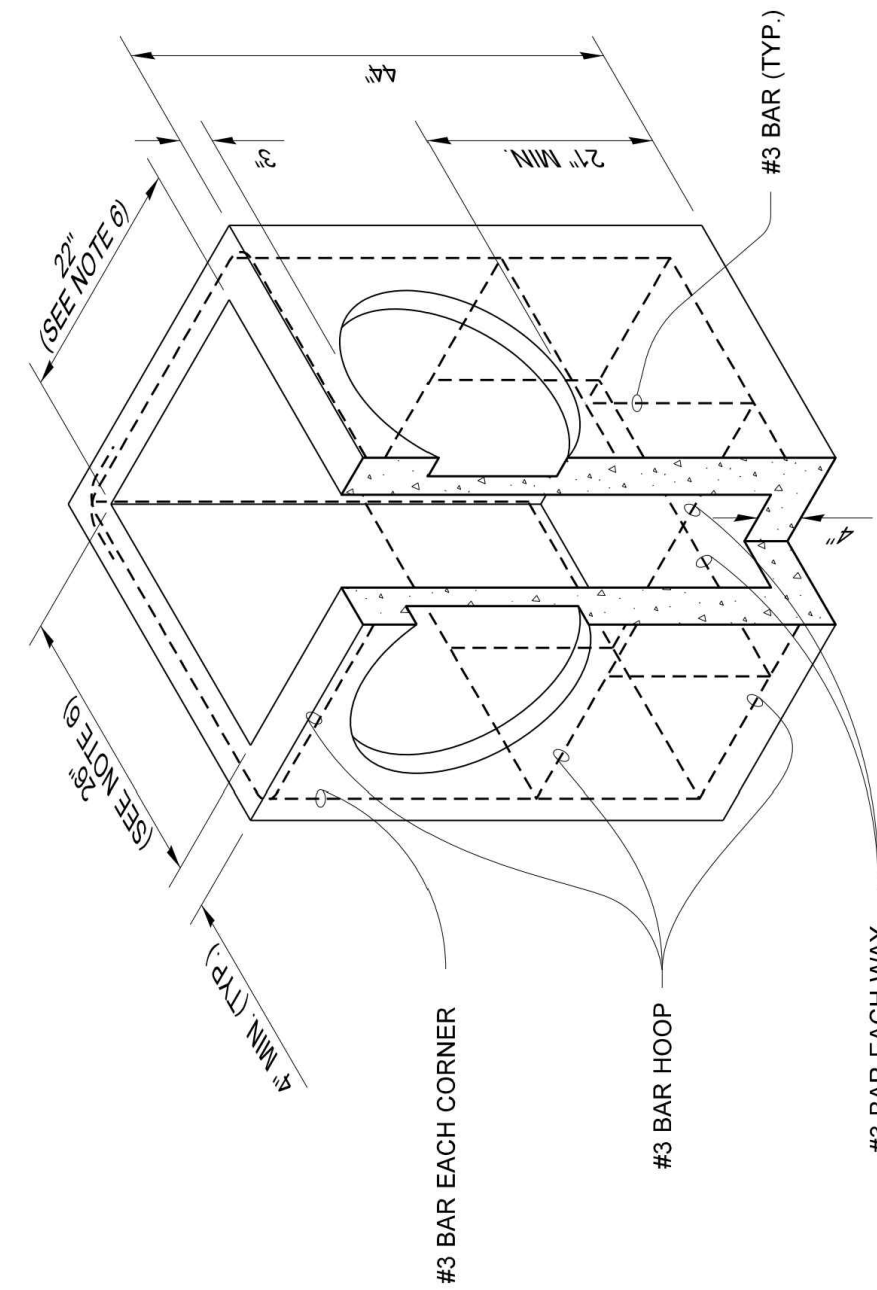
DRAWN BY: LISA CYFORD



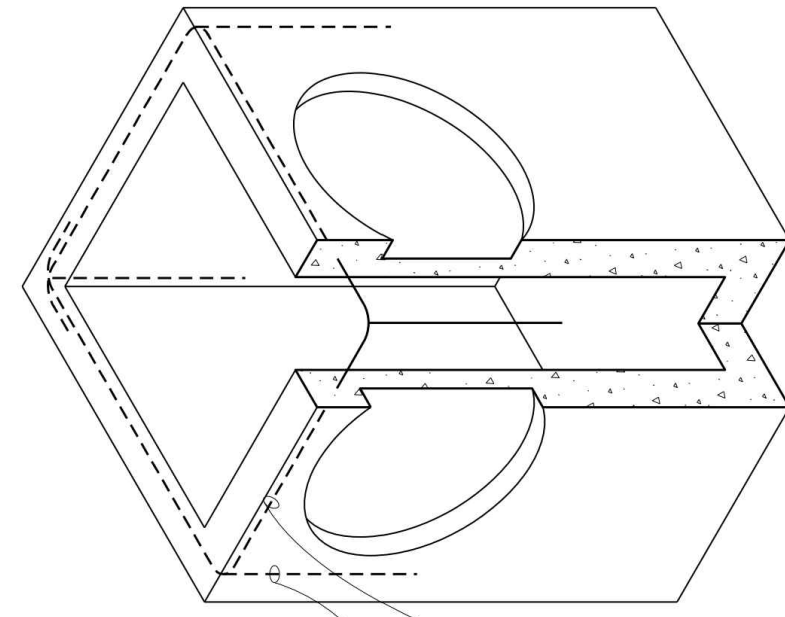
FRAME AND VANED GRATE



RECTANGULAR ADJUSTMENT SECTION



PRECAST BASE SECTION



ALTERNATIVE PRECAST BASE SECTION

| PIPE ALLOWANCES | |
|--|----------------------------------|
| PIPE MATERIAL | MAXIMUM INSIDE DIAMETER (INCHES) |
| REINFORCED OR PLAIN CONCRETE | 12" |
| ALL METAL PIPE | 15" |
| CPSSP * (STD. SPEC. SECT. 9-06.20) | 12" |
| SOLID WALL PVC (STD. SPEC. SECT. 9-06.12(1)) | 15" |
| PROFILE WALL PVC (STD. SPEC. SECT. 9-06.12(2)) | 15" |

* CORRUGATED POLYETHYLENE STORM SEWER PIPE

NOTES

- As acceptable alternatives to the rebar shown in the **PRECAST BASE SECTION**, fibers (placed according to the Standard Specifications) or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the **ALTERNATIVE PRECAST BASE SECTION**. Wire mesh shall not be placed in the knockouts.
- The knockout diameter shall not be greater than 20" (in). Knockouts shall have a wall thickness of 2" (in) minimum to 2.5" (in) maximum. Provide a 1.5" (in) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with **Standard Specification Section 9-04.3**.
- The maximum depth from the finished grade to the lowest pipe invert shall be 5' (ft).
- The frame and grate may be installed with the flange down, or integrally cast into the adjustment section with flange up.
- The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1 : 24 or steeper.
- The opening shall be measured at the top of the **Precast Base Section**.
- All pickup holes shall be grouted full after the basin has been placed.
- INSTALL BASIN ON 6" MIN. COMPACTED CRUSHED SURFACING TOP COURSE**
- ALL PIPE CONNECTIONS SHALL BE MADE WITH A HEAVY DUTY SAND COLLAR.**

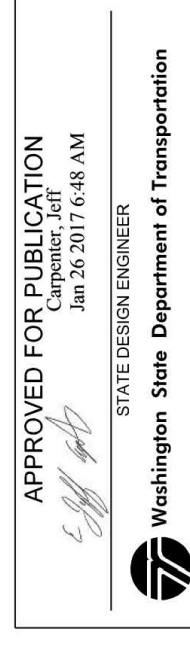


Julie Heilman
Heilman, Julie
Jan 25 2017 2:53 PM

CATCH BASIN TYPE 1

STANDARD PLAN B-5.20-02

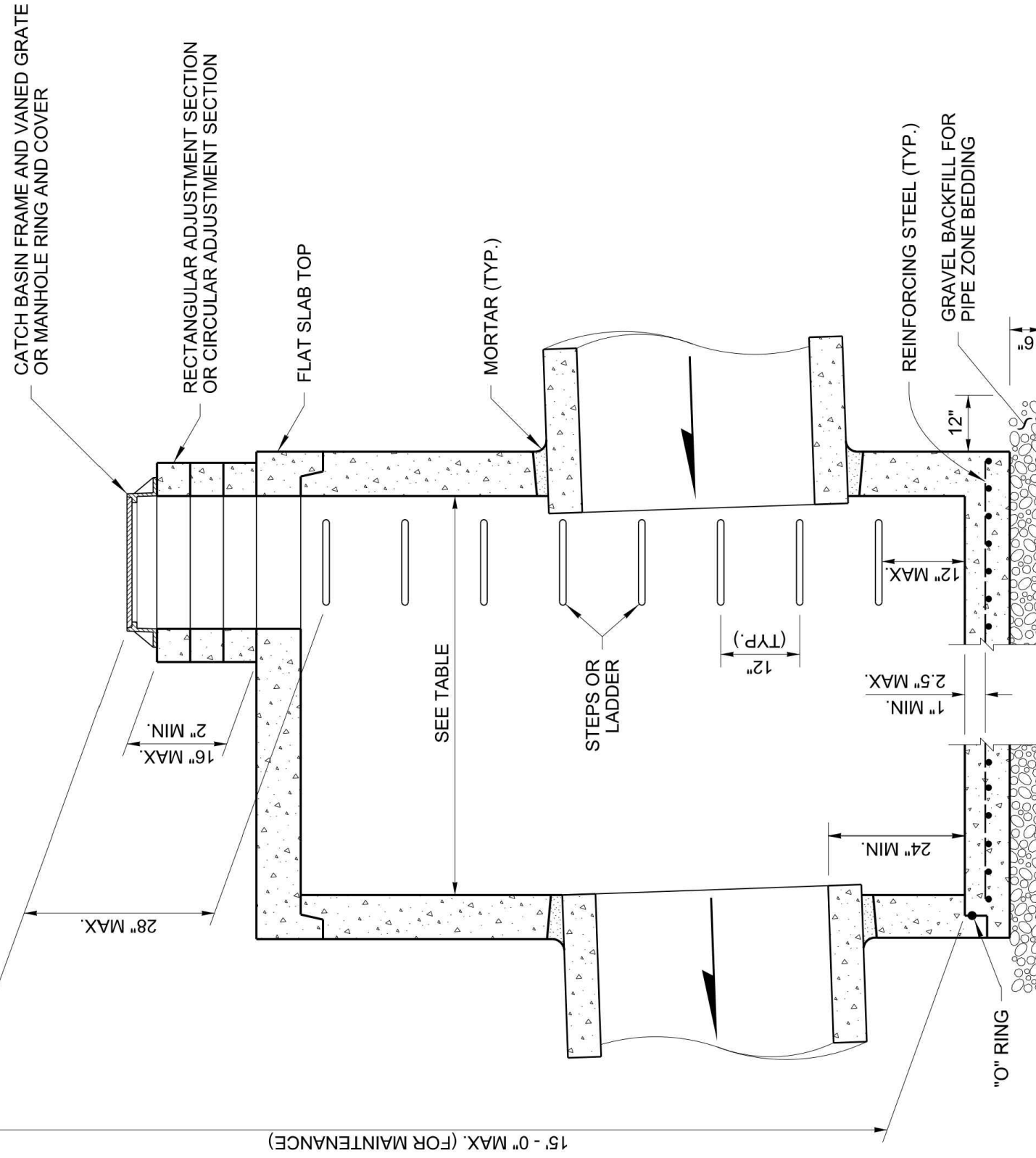
SHEET 1 OF 1 SHEET



DRAWN BY: FERN LIDDELL

NOTES

- No steps are required when height is 4' or less.
- The bottom of the precast catch basin may be sloped to facilitate cleaning.
- The rectangular frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section.
- Knockouts shall have a wall thickness of 2" (in) minimum to 2.5" (in) maximum. Provide a 1.5" (in) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with **Standard Specification Section 9-04.3**.



| CATCH BASIN DIMENSIONS | | | |
|------------------------|---------------------|---------------------|-----------------------|
| CATCH BASIN DIAMETER | MIN. WALL THICKNESS | MIN. BASE THICKNESS | MAXIMUM KNOCKOUT SIZE |
| 48" | 4" | 6" | 36" |
| 54" | 4.5" | 8" | 42" |
| 60" | 5" | 8" | 48" |
| 72" | 6" | 8" | 60" |
| 84" | 8" | 12" | 72" |
| 96" | 8" | 12" | 84" |
| 120" | 10" | 12" | 96" |
| 144" | 12" | 12" | 108" |

| PIPE ALLOWANCES | | | |
|----------------------|--|-------|---------|
| CATCH BASIN DIAMETER | PIPE MATERIAL WITH MAXIMUM INSIDE DIAMETER | | PROFILE |
| | CONCRETE | METAL | PVC (3) |
| 48" | 24" | 30" | 30" |
| 54" | 30" | 36" | 36" |
| 60" | 36" | 42" | 42" |
| 72" | 42" | 54" | 48" |
| 84" | 54" | 60" | 48" |
| 96" | 60" | 72" | 48" |
| 120" | 66" | 84" | 48" |
| 144" | 78" | 96" | 48" |

- Corrugated Polyethylene Storm Sewer Pipe (See **Standard Specification Section 9-05.20**)
- (See **Standard Specification Section 9-05.12(1)**)
- (See **Standard Specification Section 9-05.12(2)**)
- Polypropylene Pipe (See **Standard Specification Section 9-05.24**)

Julie Heilman
Heilman, Julie
Feb 20 2018 12:49 PM

CATCH BASIN TYPE 2

STANDARD PLAN B-10.20-02

SHEET 1 OF 1 SHEET



APPROVAL FOR CONSTRUCTION
 BY: TOWN OF YARROW POINT
 DATE: JANUARY 2024
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Gray & Osborne, Inc.
 CONSULTING ENGINEERS
 3710 168TH STREET NORTHEAST,
 BUILDING B, SUITE 210
 ARLINGTON, WA 98223
 (360) 454-5490

TOWN OF
YARROW POINT

CHRISTOPHER JOHN BAJO
 REGISTERED PROFESSIONAL ENGINEER
 151/12/2024

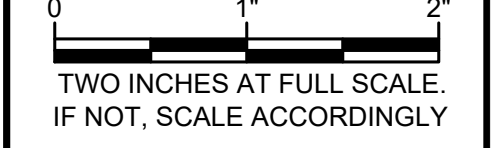
KEVIN W. BROWN
 REGISTERED PROFESSIONAL ENGINEER
 38319

TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
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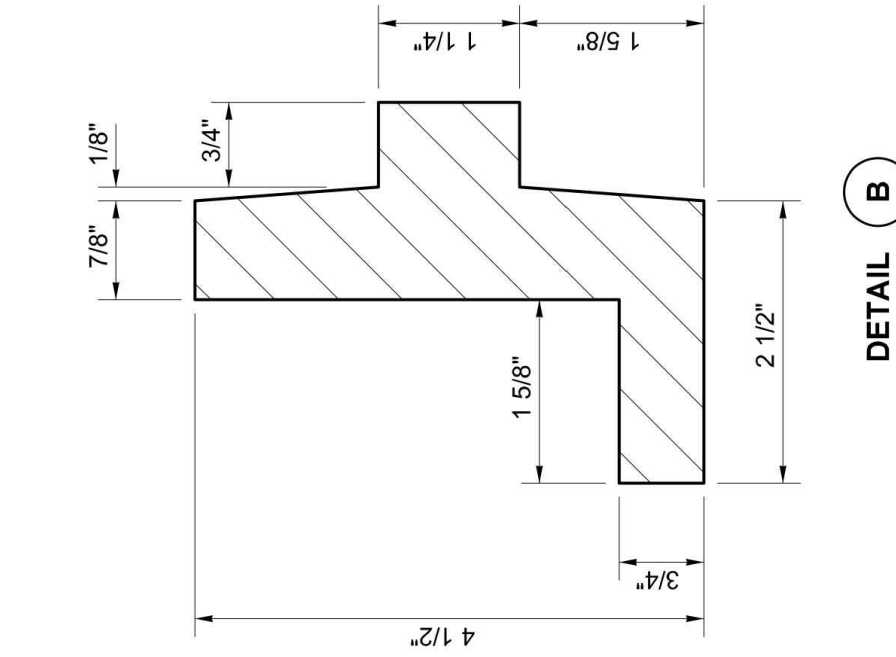
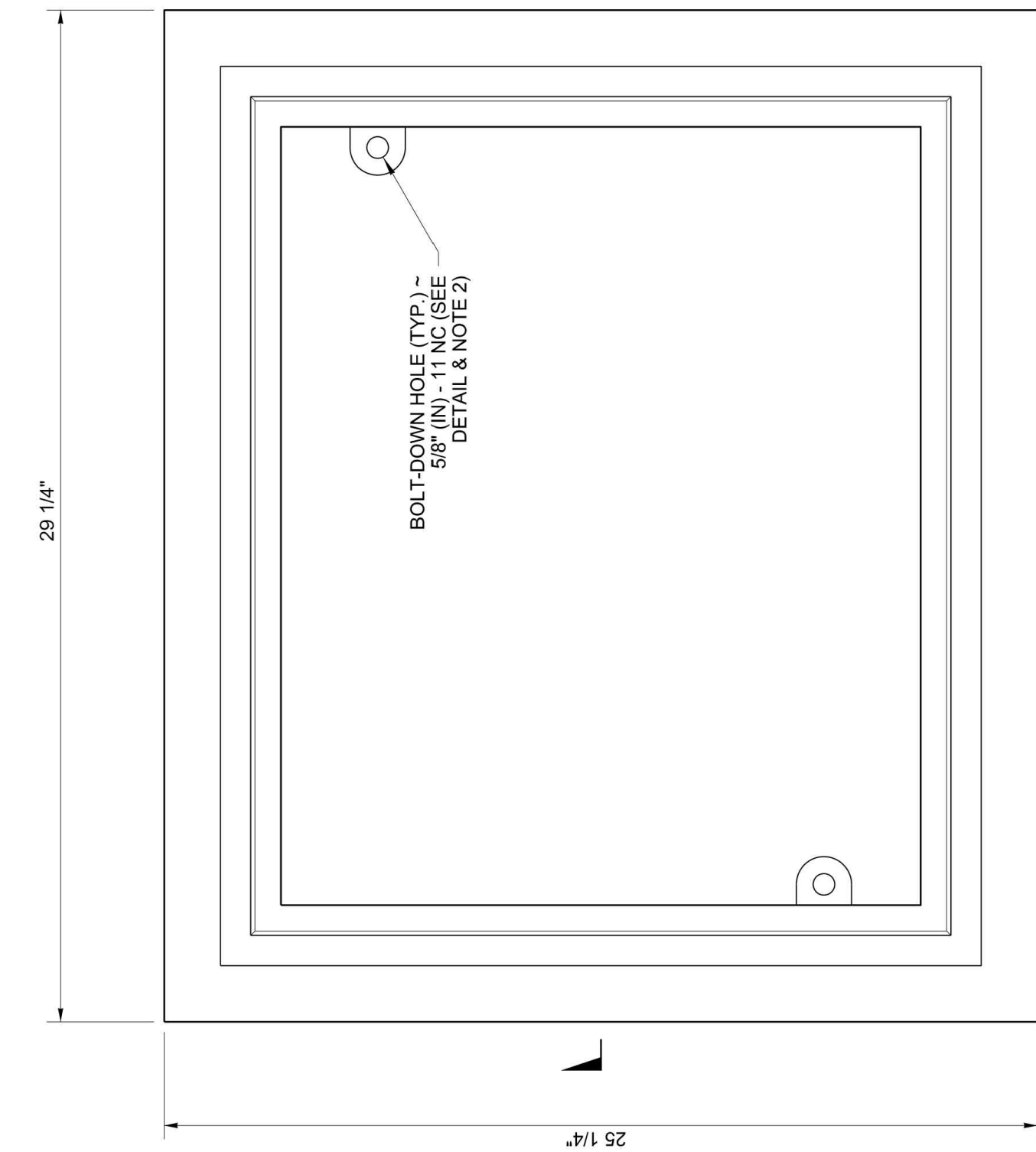
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 DESIGNER: CJB
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 FILE: DETAILS.DWG



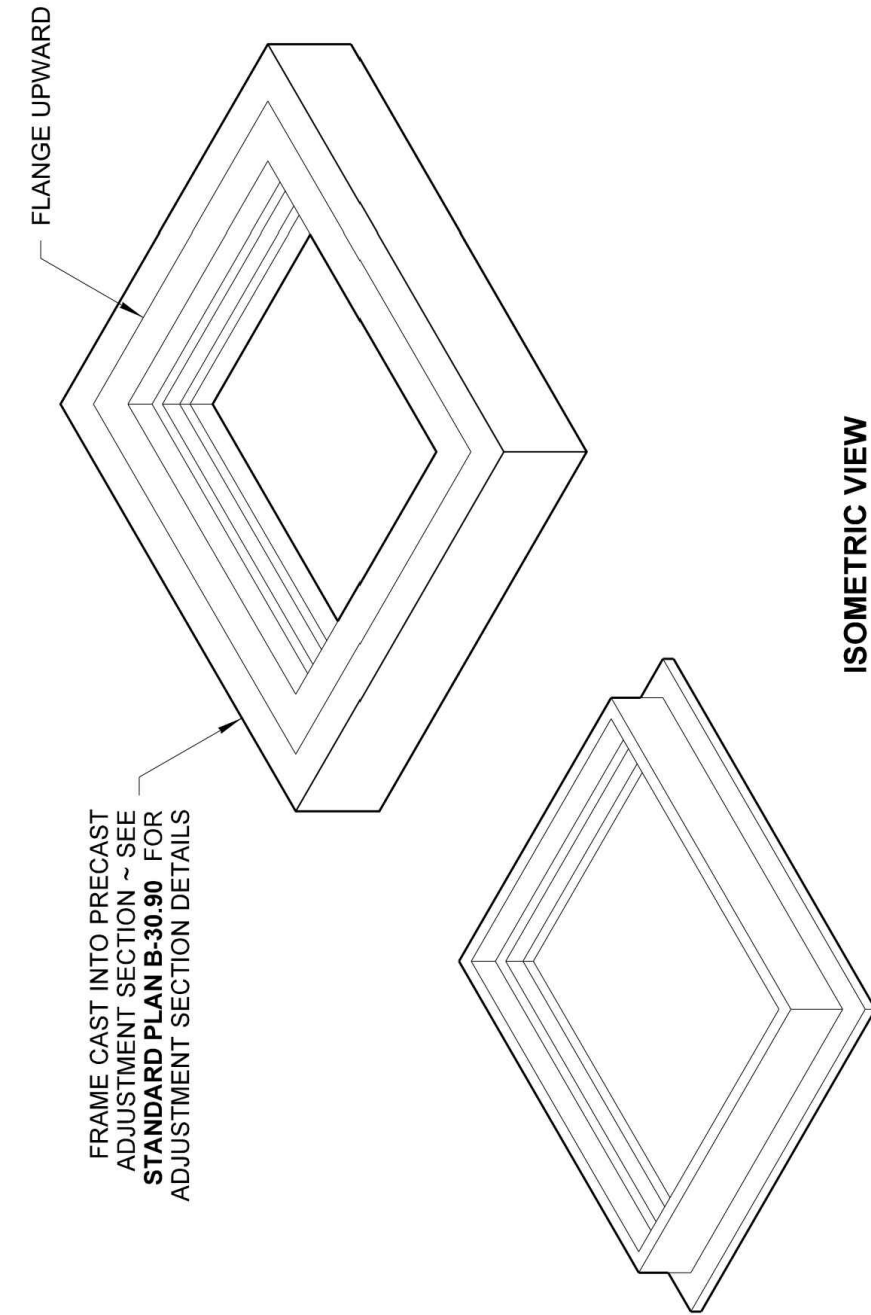
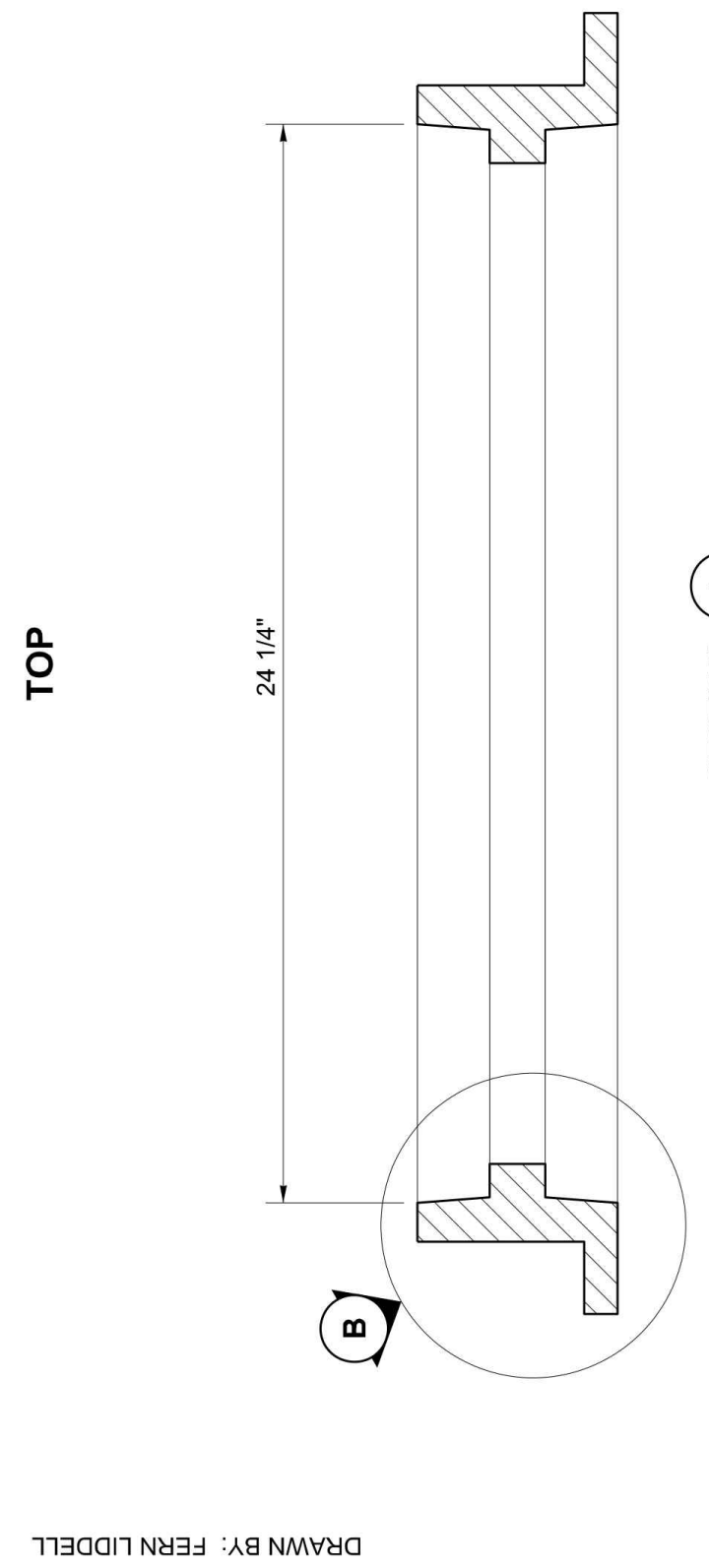
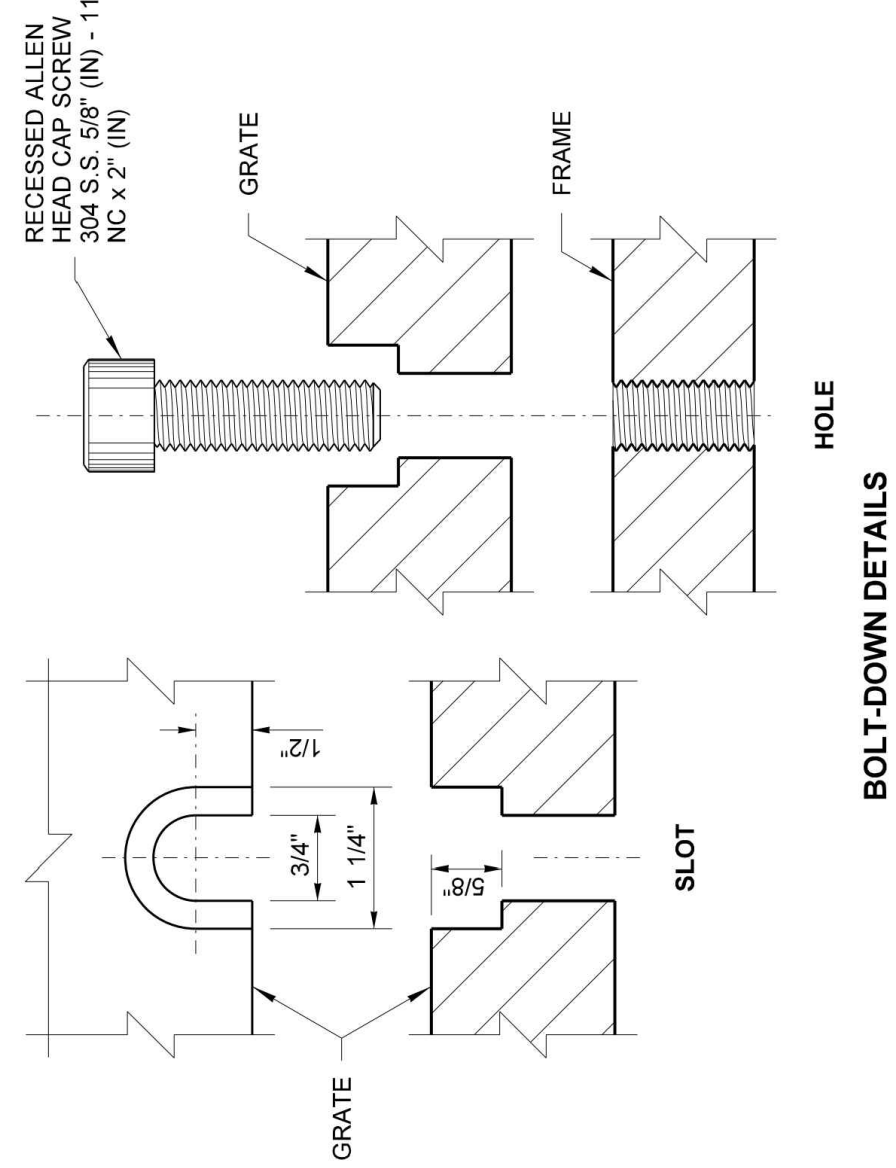
CIVIL

STORM DETAILS

DRAWING: 15 OF: 40



- NOTES**
1. This frame is designed to accommodate 20" (in) x 24" (in) grates or covers as shown on **Standard Plans B-30.20, B-30.30, B-30.40, and B-30.50**.
 2. Bolt-down capability is required on all frames, grates, and covers unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. This frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC x 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
 3. Refer to **Standard Specification Section 9-05.15 and 9-05.15(2)** for additional requirements.

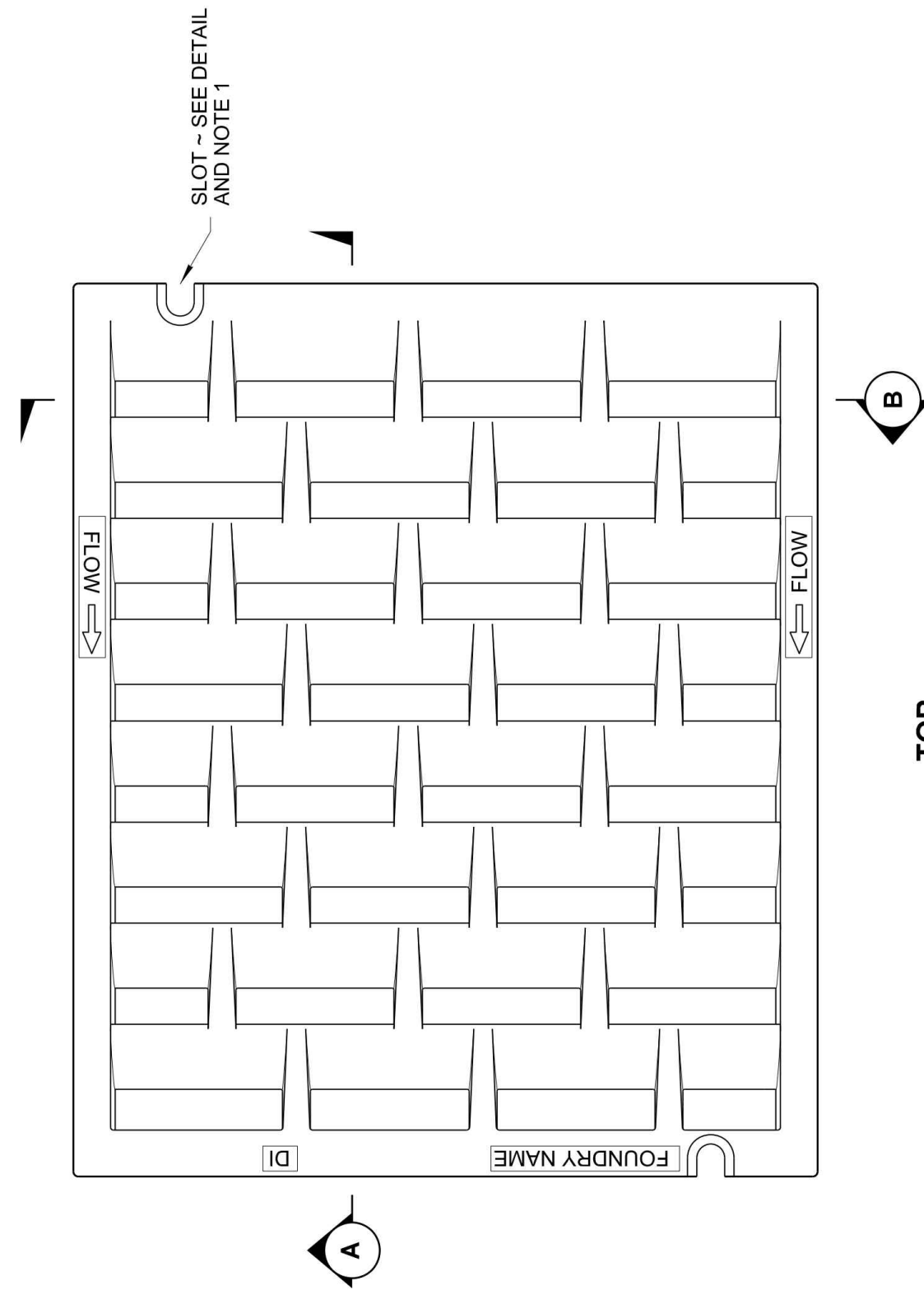


HEILMAN, JULIE
Feb 20 2018 12:52 PM
RECTANGULAR FRAME (REVERSIBLE)
STANDARD PLAN B-30.10-03
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
1/8/2018 7:58 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

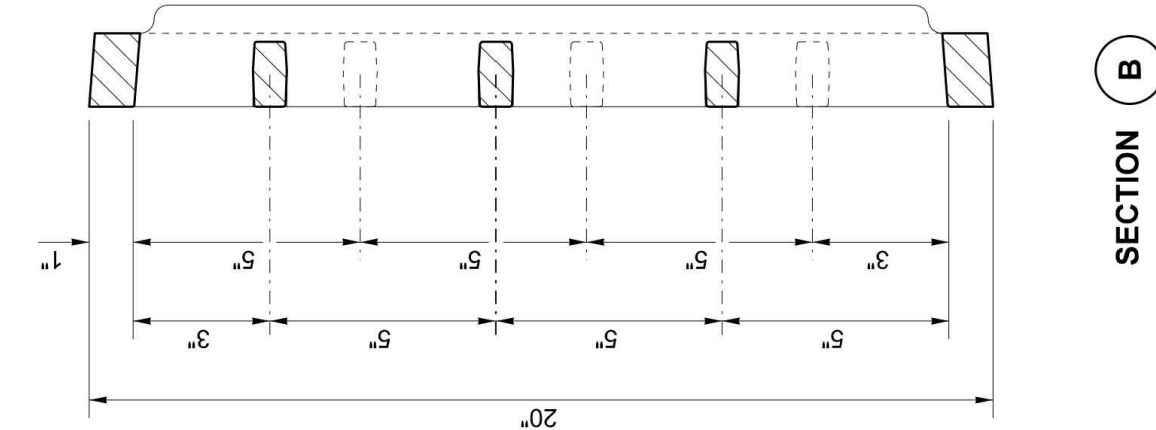
HEILMAN, JULIE
181819
REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON

ISOMETRIC VIEW
SHOWING THE VARIATIONS

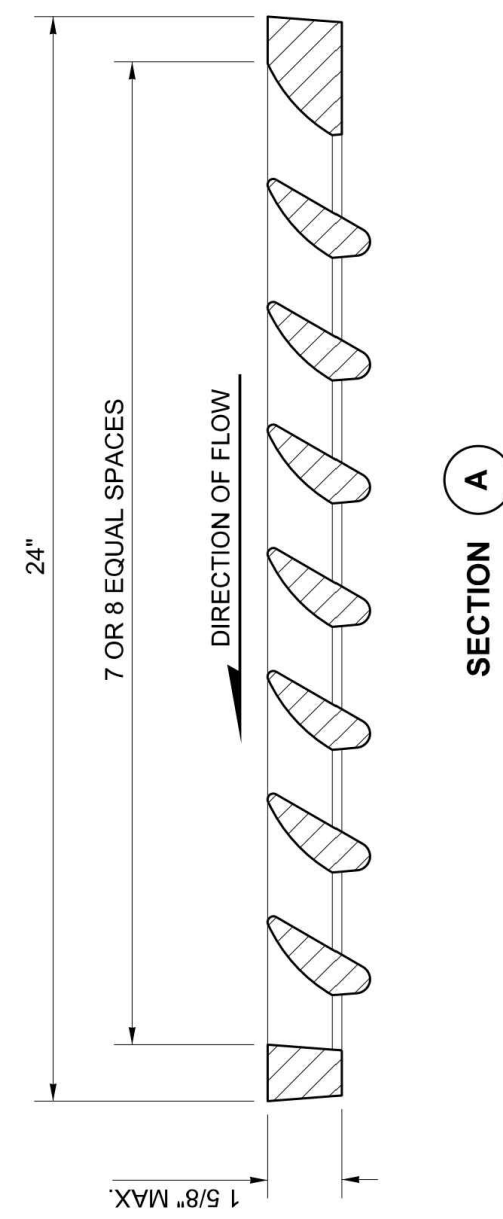


NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC x 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
2. Refer to **Standard Specification Section 9-05.15 and 9-05.15(2)** for additional requirements.
3. For frame details, see **Standard Plan B-30.10**.

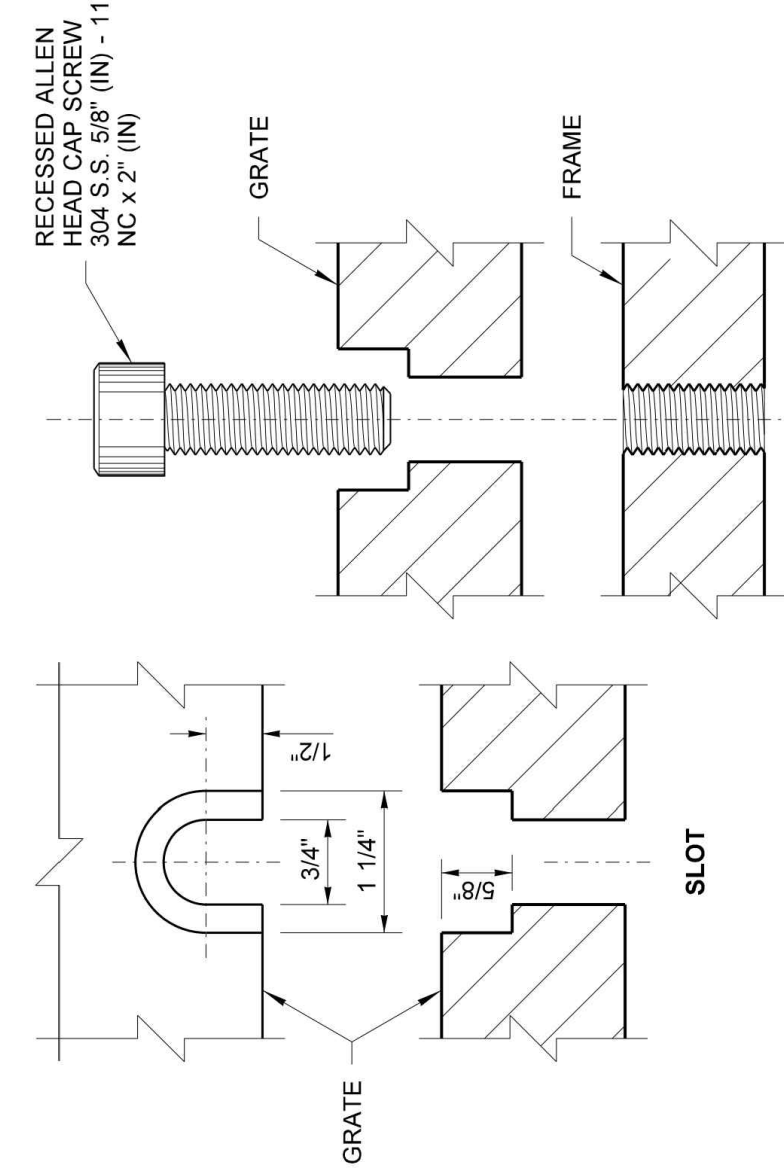


SECTION B



SECTION A

BOLT-DOWN DETAILS
SEE NOTE 1



HEILMAN, JULIE
Feb 20 2018 12:54 PM
RECTANGULAR VANED GRATE
STANDARD PLAN B-30.30-03
SHEET 1 OF 1 SHEET

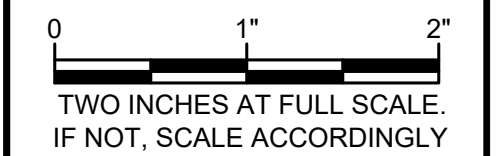
APPROVED FOR PUBLICATION
1/8/2018 7:58 AM
STATE DESIGN ENGINEER
Washington State Department of Transportation

HEILMAN, JULIE
181819
REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON

ISOMETRIC

APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

| No. | DATE | REVISION |
|--------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: DETAILS.DWG | | |



CIVIL

STORM DETAILS

DRAWING: **16** OF: **40**

Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

TOWN OF
YARROW POINT

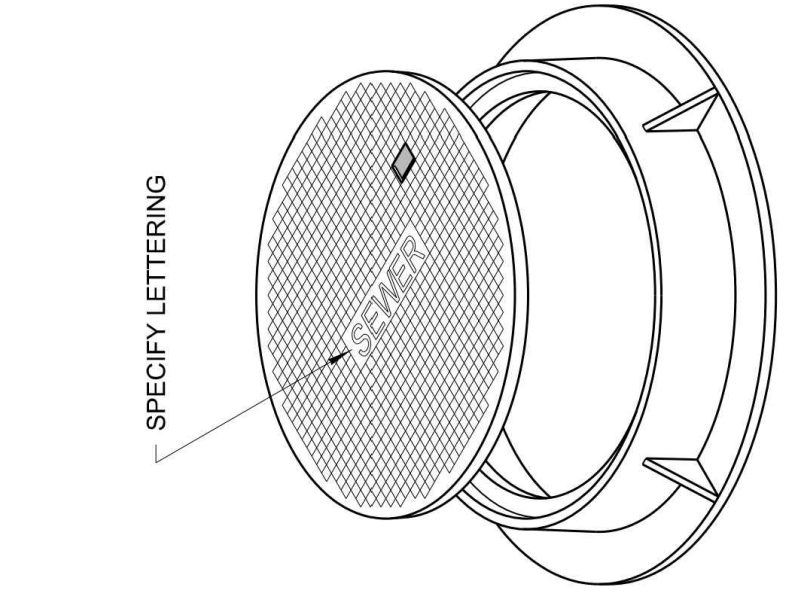
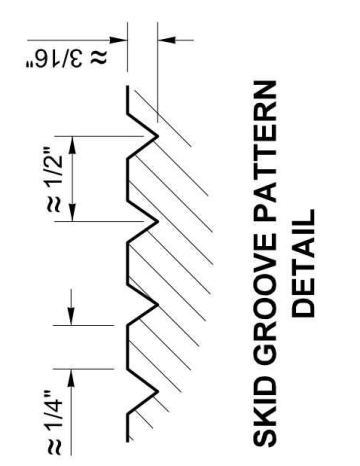
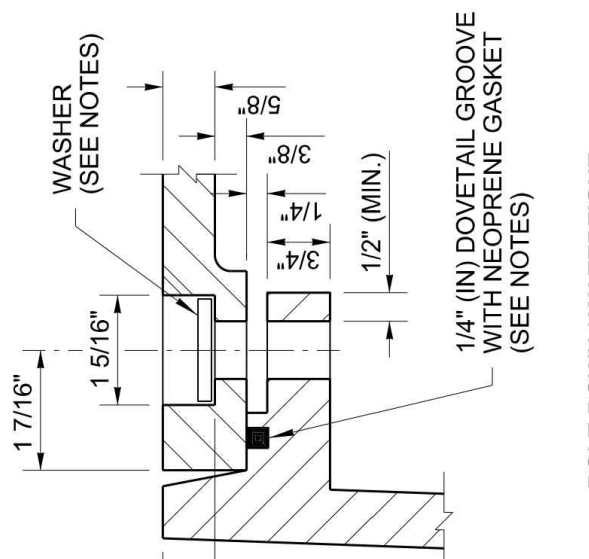
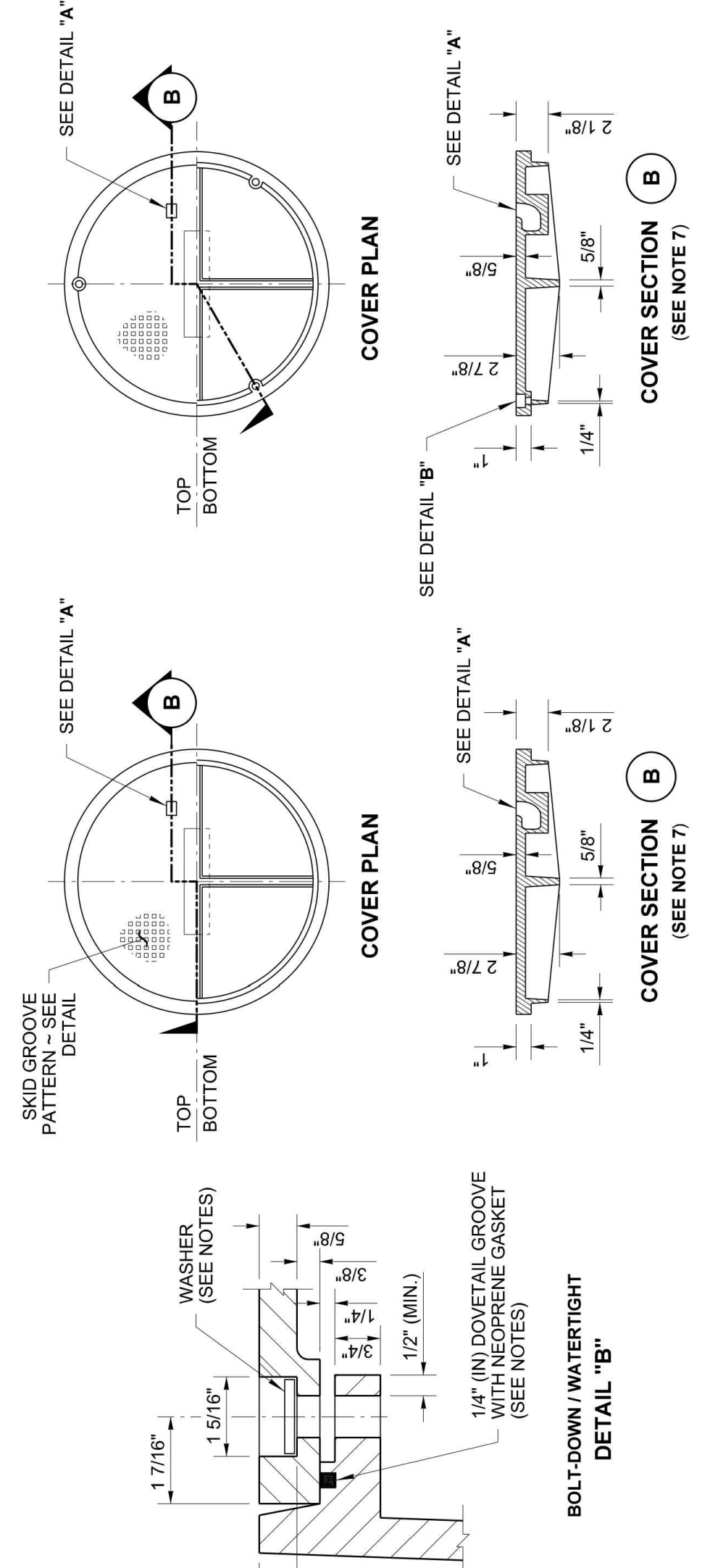
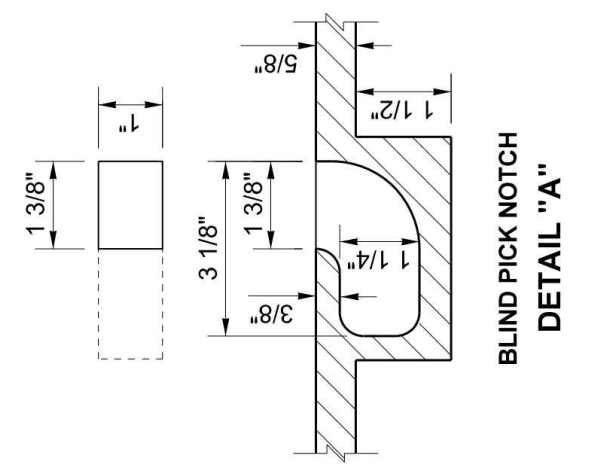
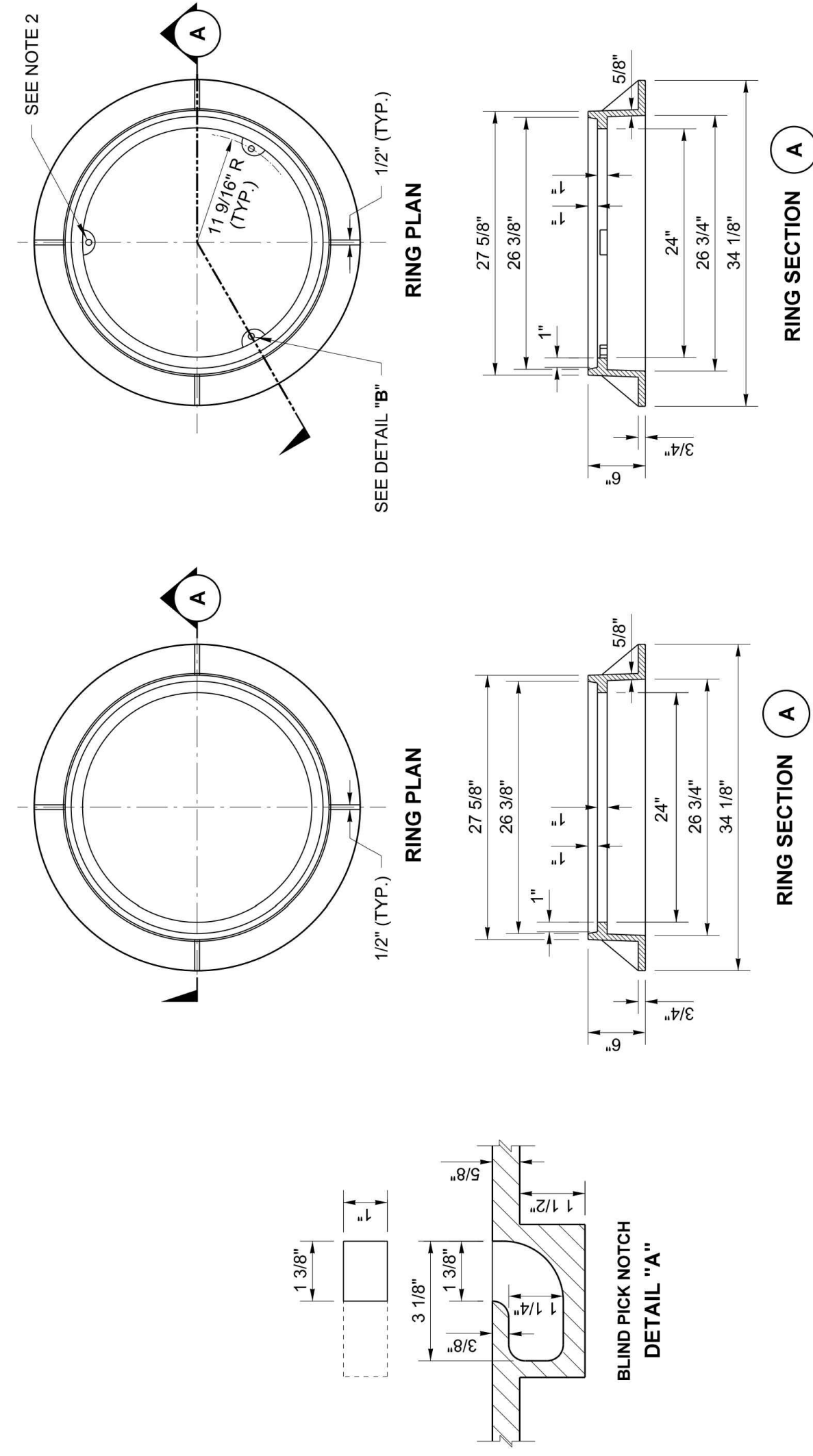
HERBERT J. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
56827
10/17/2024

KEVIN W. BROWN
REGISTERED PROFESSIONAL ENGINEER
38319
1/16/2024

TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND UGC PROJECT

DRAWN BY: FERN LIDDELL

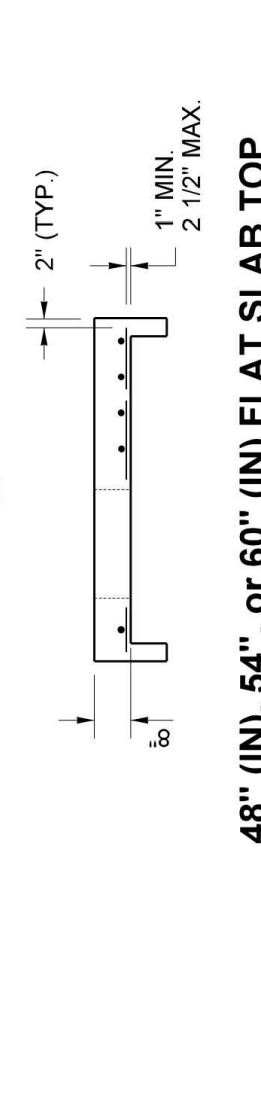
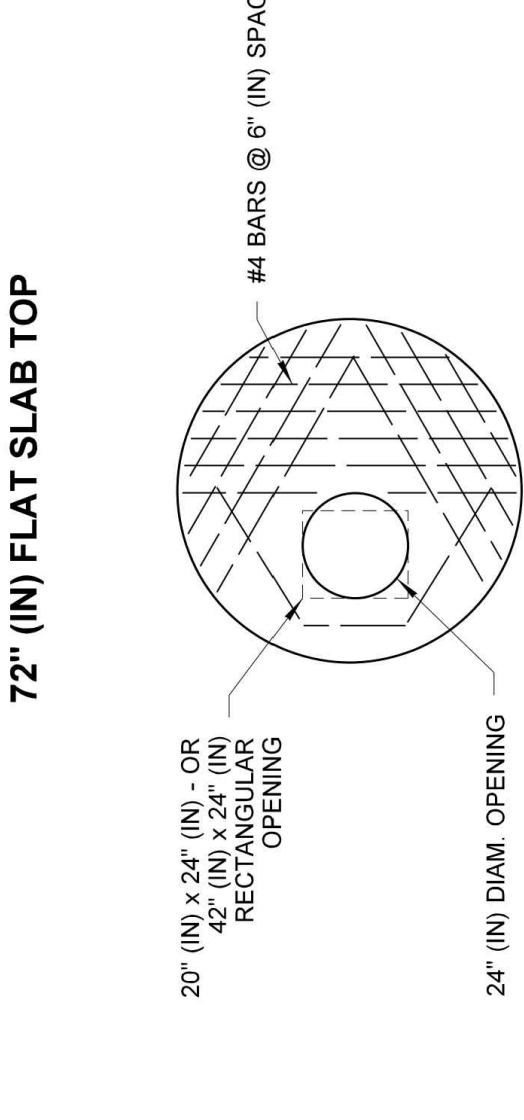
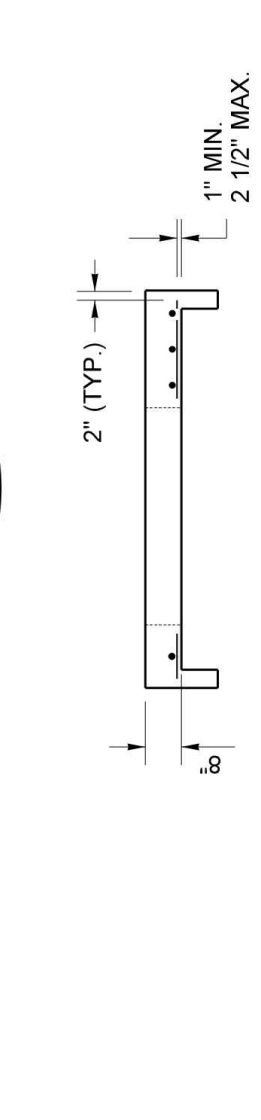
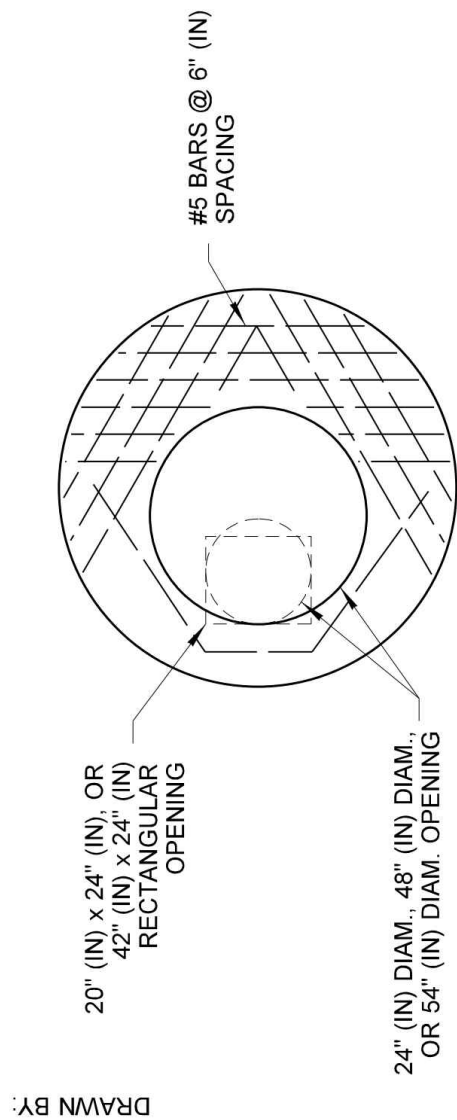
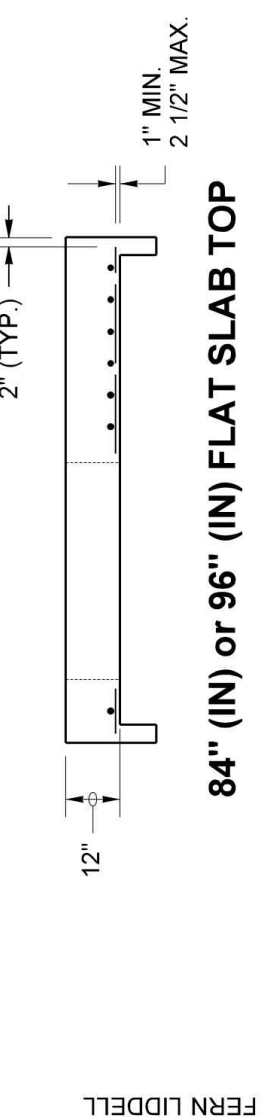
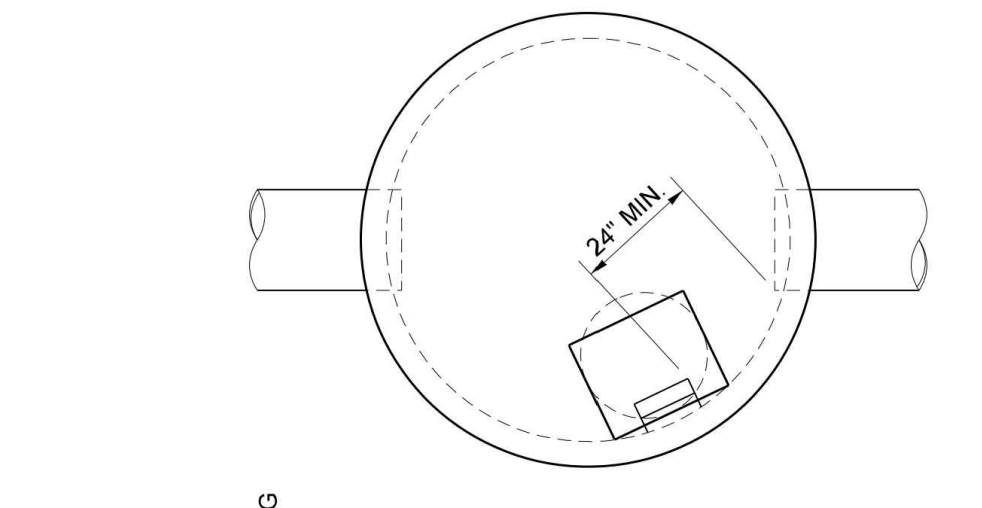
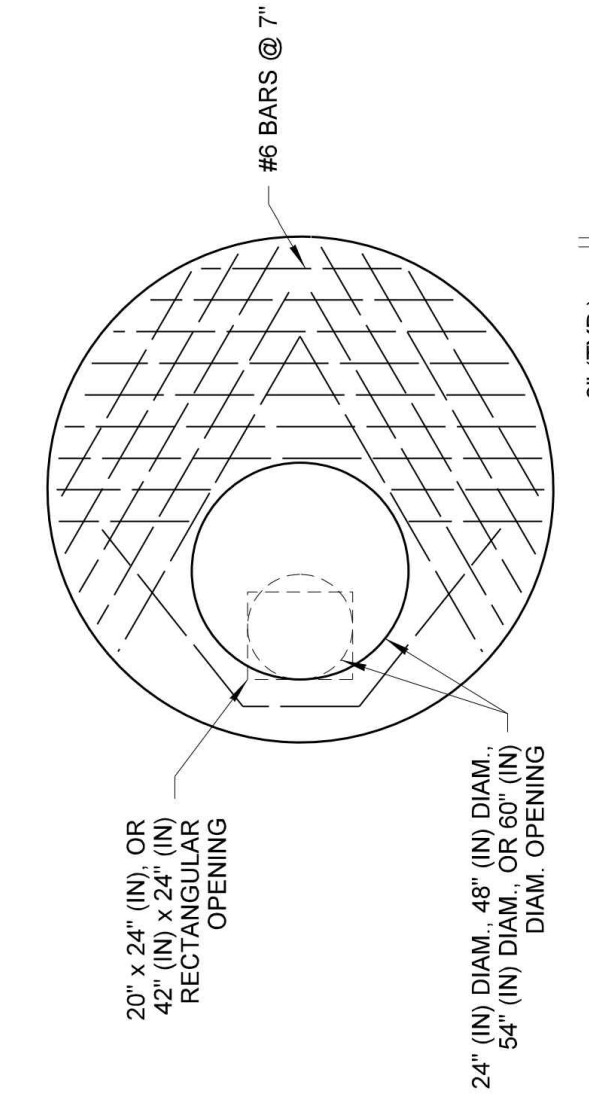


SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
DATE: 01/31/2024 12:37 PM
STATE DESIGN ENGINEER
Washington State Department of Transportation

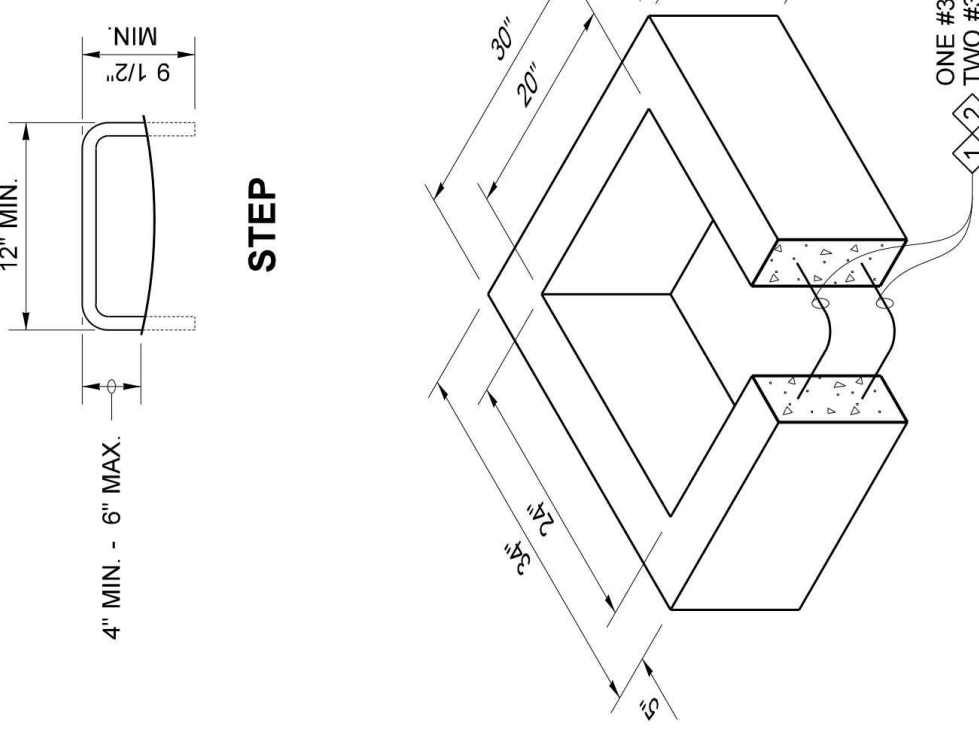


Julie Helman
Professional Engineer
41819
Feb 20 2018 12:55 PM
CIRCULAR FRAME (RING) AND COVER
STANDARD PLAN B-30.70-04

- NOTES**
- The gasket and groove may be in the seat (frame) or in the underside of the cover. The gasket may be "I" shaped in section. The groove may be cast or machined.
 - Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 3 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" - 11 NC x 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt down holes varies by manufacturer.
 - For bolt-down manhole ring and covers that are not designated "Watertight," the neoprene gasket, groove, and washer are not required.
 - Washer shall be neoprene (Detail "B").
 - In lieu of blind pick notch for manhole covers, a single 1" (in) pick hole is acceptable. Hole location and number of holes may vary by manufacturer.
 - Alternative reinforcing designs are acceptable in lieu of the rib design.
 - For clarity, the vertical scale of the Cover Section has been exaggerated, it is 1.5 times the horizontal scale (1H:1.5V).

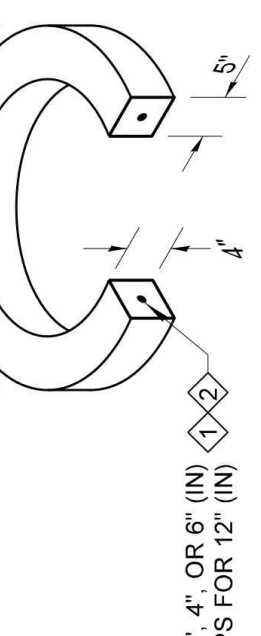
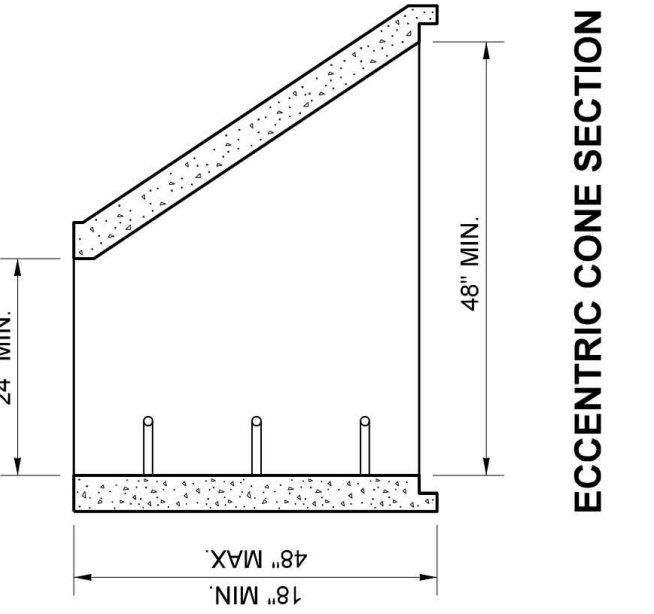


- NOTE**
- Ladder rungs for manholes and catch basins shall meet the requirements of AASHTO M 199.

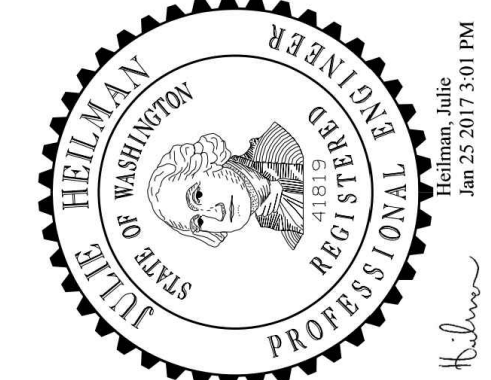


ONE #3 BAR HOOP FOR 2", 4", OR 6" (IN) TYPICAL BAR HOOPS FOR 12" (IN) FOUR #3 BAR HOOPS FOR 24" (IN)

RECTANGULAR ADJUSTMENT SECTION
As an acceptable alternative to rebar, wire mesh having a minimum area of 0.12 square inches per foot may be used for adjustment sections.
As an acceptable alternative to conventional steel reinforcement, manufacturers shall use Synthetic Structural Fibers meeting the requirements of Standard Specification Section 9.05.50(10).



CIRCULAR ADJUSTMENT SECTION
For rectangular and circular adjustment sections, approved alternate material compositions are acceptable in lieu of precast concrete designs

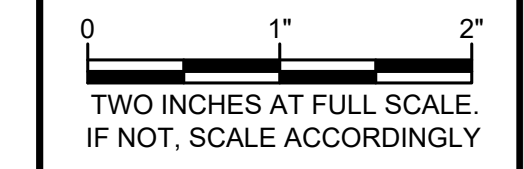


Julie Helman
Professional Engineer
41819
Feb 20 2018 12:55 PM
MISCELLANEOUS DETAILS FOR DRAINAGE STRUCTURES
STANDARD PLAN B-30.90-02

SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
DATE: 01/31/2024 12:37 PM
STATE DESIGN ENGINEER
Washington State Department of Transportation

APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

| No. | DATE | REVISION |
|--------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
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| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: DETAILS.DWG | | |

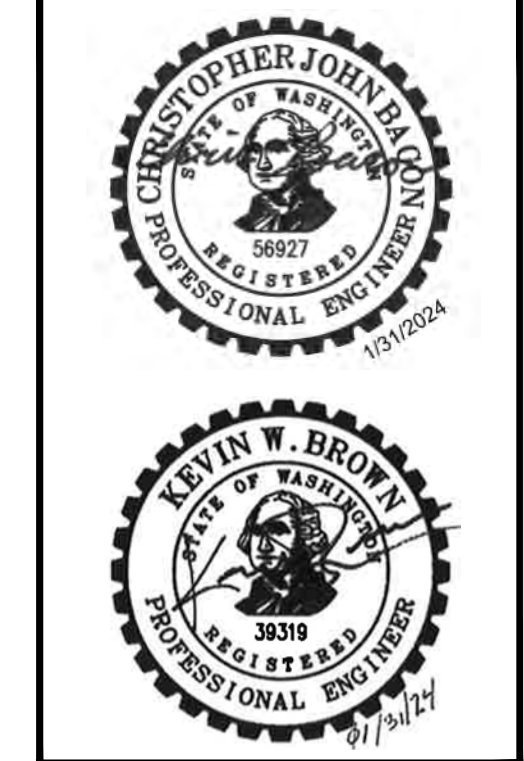


CIVIL

STORM DETAILS

DRAWING: 17 OF 40

TOWN OF YARROW POINT
TOWN WIDE STORMWATER AND UGC PROJECT



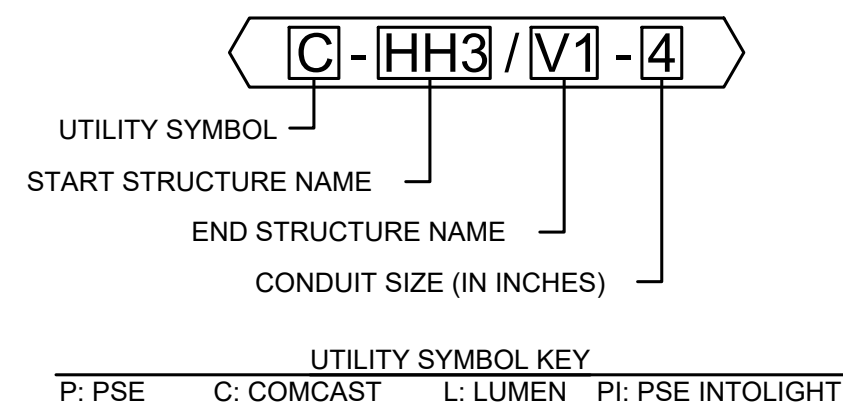
TOWN OF YARROW POINT

Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

UTILITY UNDERGROUND STRUCTURE LEGEND

- | | |
|--------------------------------------|------------------------|
| □ PSE HANDHOLE, CONCRETE 30x30 | ⊠ PSE VAULT, 507 TUT |
| ⊠ PSE HANDHOLE, CONCRETE 32x44 | ⊠ PSE VAULT, 575 J-BOX |
| ⊠ COMCAST HANDHOLE, 11x18 | ■ LUMEN HANDHOLE, 1730 |
| ⊠ COMCAST HANDHOLE, 17x30 | ⊠ LUMEN VAULT, 3660 |
| ⊠ COMCAST VAULT, 24x36 (OR AS NOTED) | ⊠ COMBINED HANDHOLE |

CONDUIT NAMING CONVENTION DETAIL

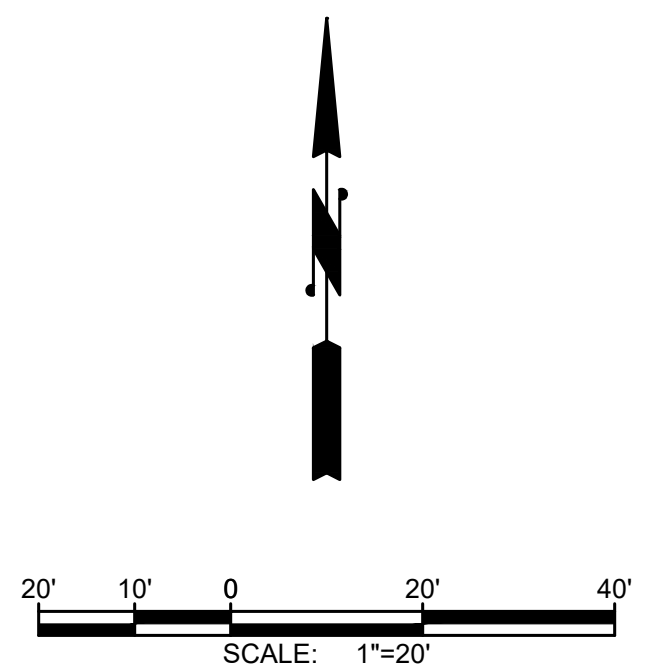


NOTE:

PSE INTOLIGHT HANDHOLES ARE THE SAME STRUCTURE AS PSE HANDHOLES, BUT LABELED DIFFERENTLY ON THE UTILITY'S PLANS (SEE SHEETS PSE 1 & PSE INTOLIGHT 1).

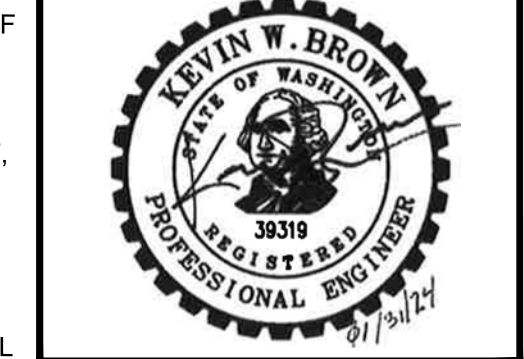
GENERAL NOTES

- EXISTING OVERHEAD AND UNDERGROUND UTILITIES SHALL REMAIN IN USE UNTIL THE NEW UNDERGROUND SYSTEM IS COMPLETED AND ACCEPTED BY THE UTILITY COMPANIES.
- CONTRACTOR SHALL BE AVAILABLE, AS NEEDED, TO ASSIST EACH UTILITY PULL WIRE, MAKE TRANSFERS / CONVERSIONS, ETC. WHENEVER THE UTILITY IS ON SITE OR AS COORDINATED WITH EACH UTILITY. CONTRACTOR TO COORDINATE.
- WHEN ENCOUNTERED, EXIST. IRRIGATION SHALL BE CUT BACK AS NEEDED. PRIOR TO BACKFILLING, CUT IRRIGATION ENDS SHALL BE BROUGHT TO THE SURFACE AND CAPPED. CONTRACTOR TO COORDINATE MODIFICATIONS WITH CONTACTING AGENCY.
- CONTRACTOR SHALL EXCAVATE AND INSTALL UTILITY-FURNISHED STRUCTURE, MAKE CONDUIT CONNECTIONS, AND BACKFILL PER PSE PLANS & DETAIL SHEET 27.



JOINT UTILITY TRENCH CONSTRUCTION NOTES

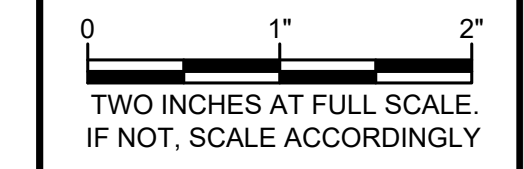
- CAUTION: POTENTIAL UTILITY CONFLICT. VERIFY (POTHOLE) EXACT LOCATION AND DEPTH OF EXISTING UTILITY. SEE ORDER OF WORK.
- PROTECT EXISTING DRIVEWAY, RETAINING WALL, WATER METER, SURVEY MONUMENT, MAILBOX SUPPORT, FENCE, TREE AND UNDERGROUND UTILITY DURING CONSTRUCTION.
- REMOVE AND WASTEHAUL EXIST. AC PIPE AS NEEDED. PLUG ENDS WITH COMMERCIAL CONC.
- EXIST. POLE AND APPURTENANCES WILL BE REMOVED BY LUMEN. CONTRACTOR TO COORDINATE.
- INSTALL CONDUIT TO ±2' OF STRUCTURE LOCATION AND EXCAVATE REMAINING DISTANCE. STRUCTURE / CONNECTION WILL BE MADE BY OTHERS. COORDINATE WITH THE UTILITY.
- INSTALL STREET LIGHT TUBE PER DETAIL. SHEET PSE INTOLIGHT 1. LIGHT POLE TO BE INSTALLED BY OTHERS.
- SEE EXISTING SERVICE TRANSFER DETAIL, SHEET 27.
- SEE PRIVATE CONVERSION DETAIL, SHEET 27.
- CLEAR AND GRUB EXIST. TREE AND STUMP.



TOWN OF YARROW POINT

TOWN WIDE STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
|--------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: UGC PLAN.DWG | | |



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BURIED UTILITIES IN AREA CALL BEFORE YOU DIG
 1-800-424-5555
 EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH.

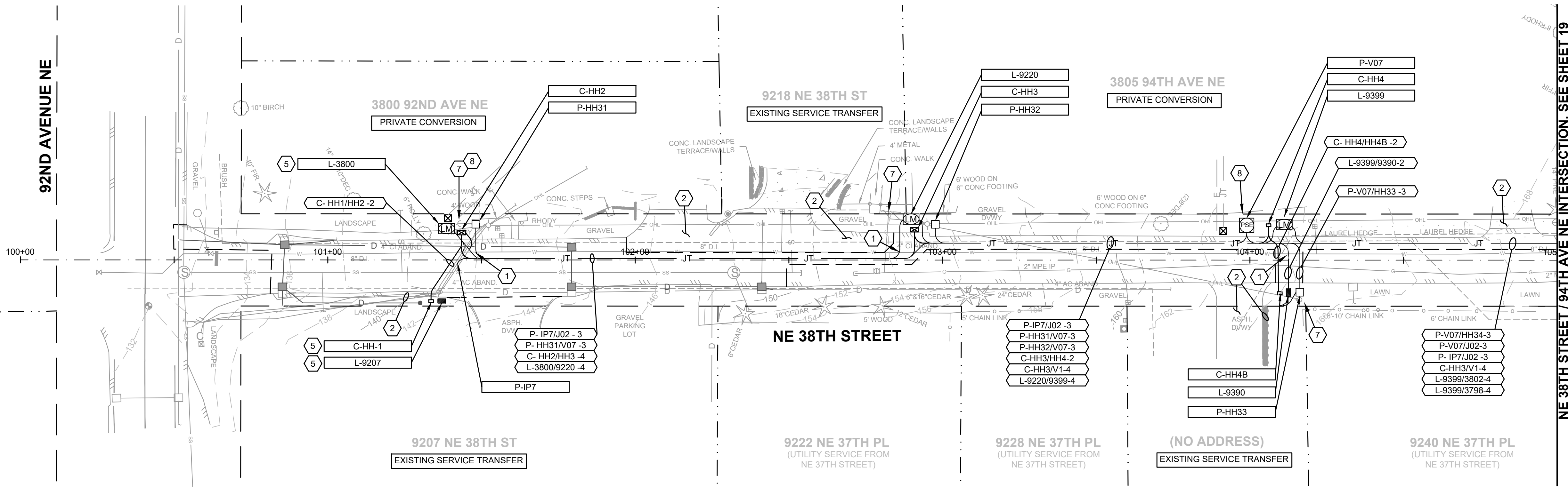
APPROVAL FOR CONSTRUCTION
 BY: TOWN OF YARROW POINT
 DATE: JANUARY 2024
 APPROVAL EXPIRES: JANUARY 2025

RIGHT-OF-WAY DISCLAIMER
 THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

JOINT UTILITY TRENCH PLAN

DRAWING: **18** OF: **40**

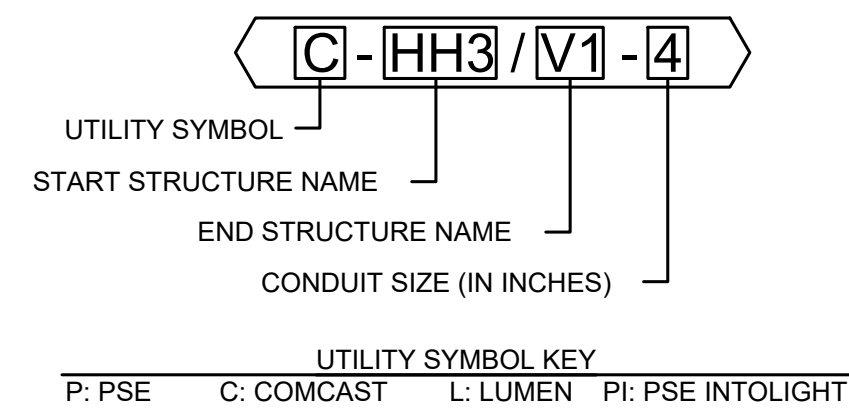
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UTILITY UNDERGROUND STRUCTURE LEGEND

- | | |
|--------------------------------------|------------------------|
| □ PSE HANDHOLE, CONCRETE 30x30 | ⊞ PSE VAULT, 507 TUT |
| ⊞ PSE HANDHOLE, CONCRETE 32x44 | ⊞ PSE VAULT, 575 J-BOX |
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CONDUIT NAMING CONVENTION DETAIL

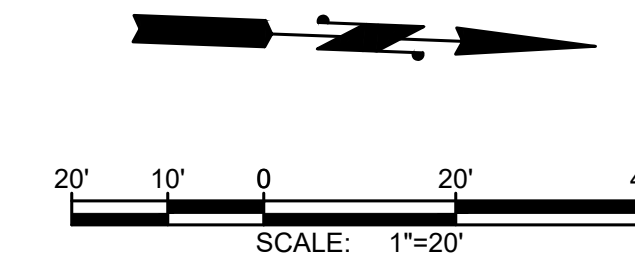


NOTE:

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GENERAL NOTES

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JOINT UTILITY TRENCH CONSTRUCTION NOTES

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- CLEAR AND GRUB EXIST. TREE AND STUMP.

Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

TOWN OF
YARROW POINT

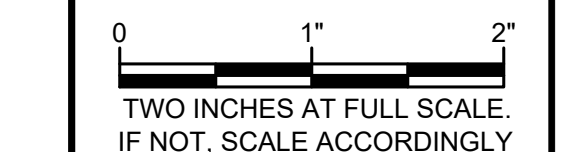


TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

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|----------------|--------------|
| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | UGC PLAN.DWG |



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1-800-424-5555
EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH

RIGHT-OF-WAY DISCLAIMER

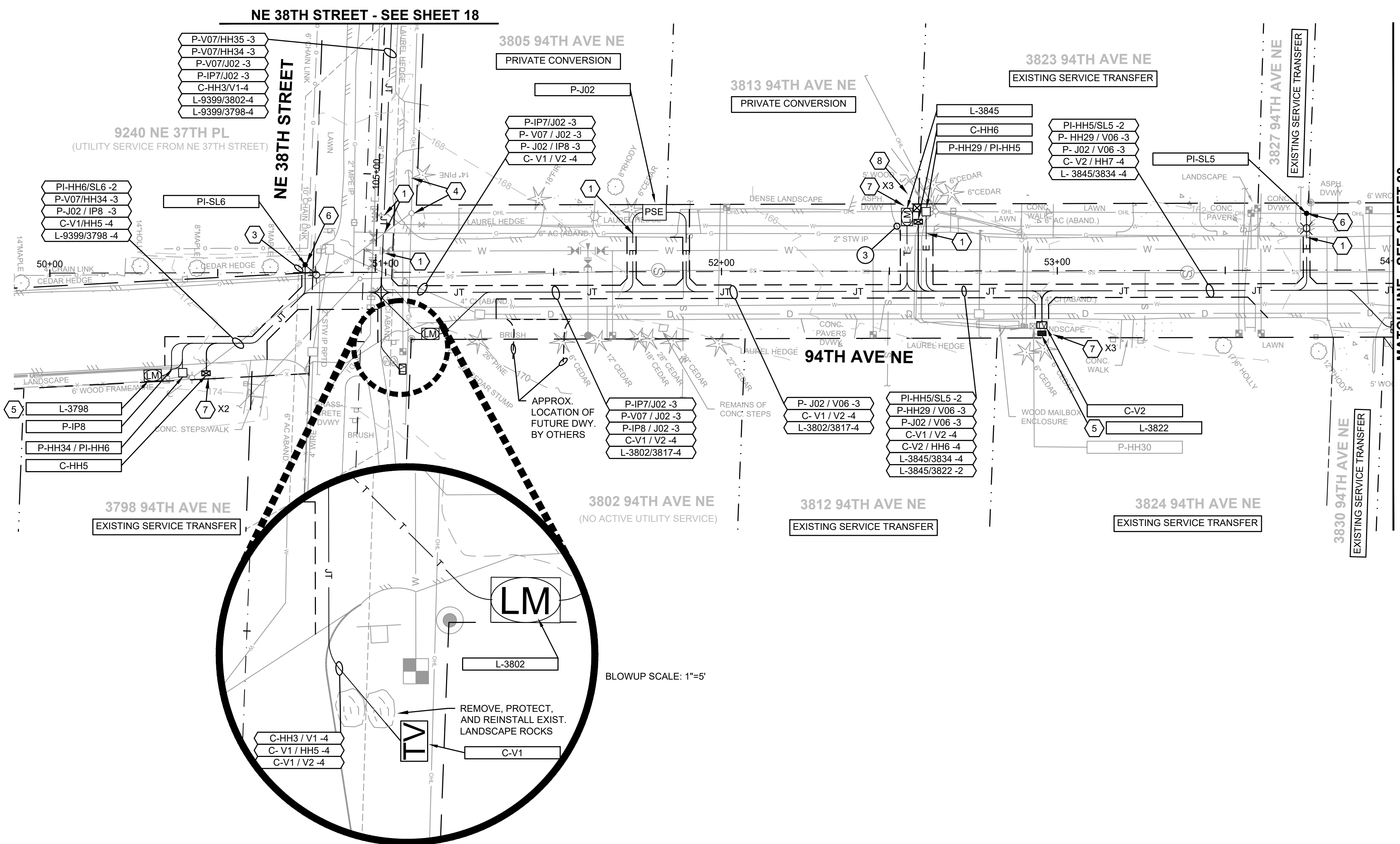
THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

APPROVAL FOR CONSTRUCTION

BY: David Schneider
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

JOINT UTILITY TRENCH PLAN

DRAWING: **19** OF: **40**



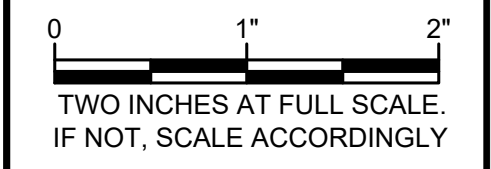
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M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\UGC PLAN.dwg, 1/31/2024, 12:39 PM, CHRIS BACON



| No. | DATE | REVISION |
|-----|------|----------|
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ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: UGC PLAN.DWG



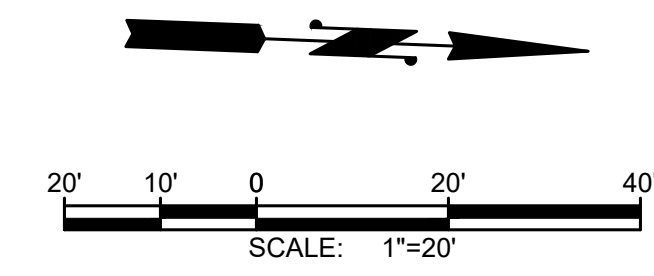
CIVIL

**JOINT UTILITY TRENCH
PLAN**

DRAWING: **20** OF: **40**

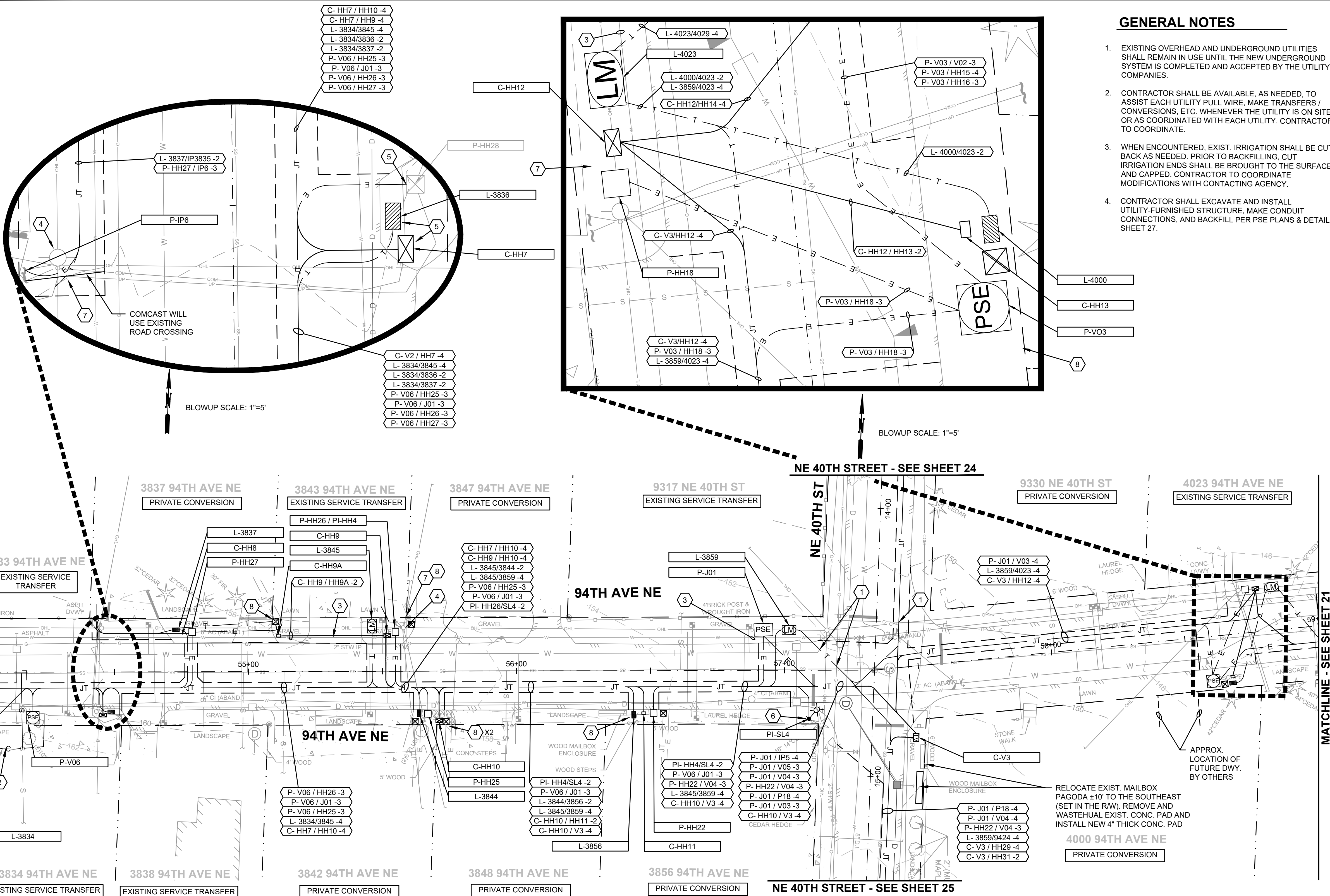
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**JOINT UTILITY TRENCH
CONSTRUCTION NOTES**

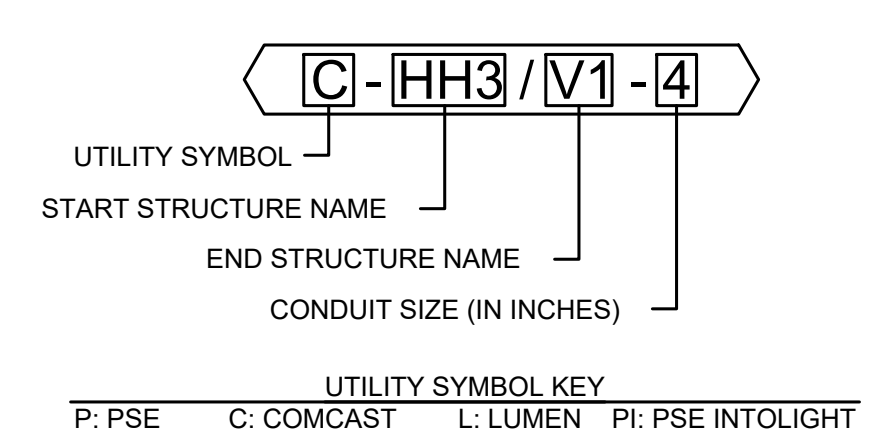
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UTILITY UNDERGROUND STRUCTURE LEGEND

| | |
|--------------------------------------|------------------------|
| □ PSE HANDHOLE, CONCRETE 30x30 | ⊠ PSE VAULT, 507 TUT |
| ⊠ PSE HANDHOLE, CONCRETE 32x44 | ⊠ PSE VAULT, 575 J-BOX |
| ○ COMCAST HANDHOLE, 11x18 | ■ LUMEN HANDHOLE, 1730 |
| ⊠ COMCAST HANDHOLE, 17x30 | ⊠ LUMEN VAULT, 3660 |
| ⊠ COMCAST VAULT, 24x36 (OR AS NOTED) | ⊠ COMBINED HANDHOLE |

CONDUIT NAMING CONVENTION DETAIL



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APPROVAL FOR CONSTRUCTION

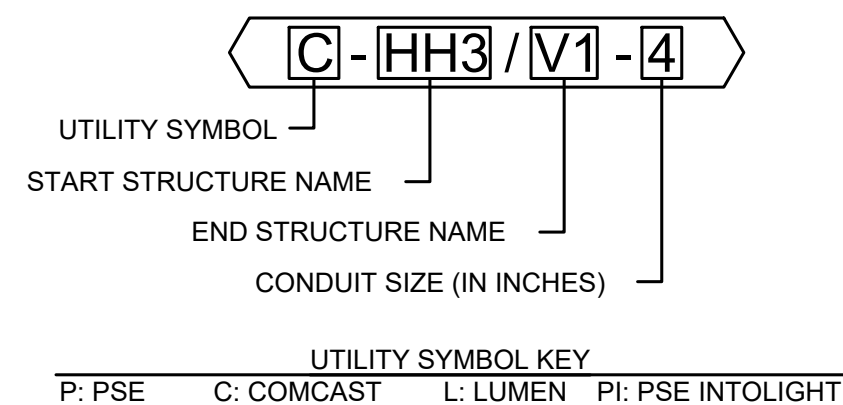
BY: TOWN OF YARROW POINT
 DATE: JANUARY 2024
 APPROVAL EXPIRES: JANUARY 2025

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\UGC PLAN.dwg, 1/31/2024, 12:39 PM, CHRIS BACON

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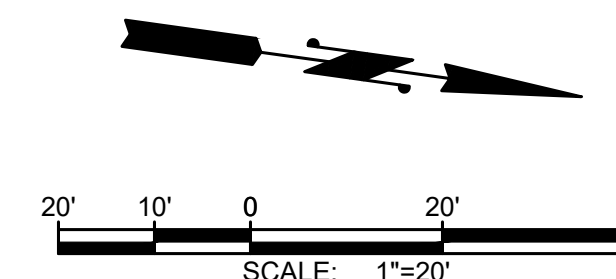


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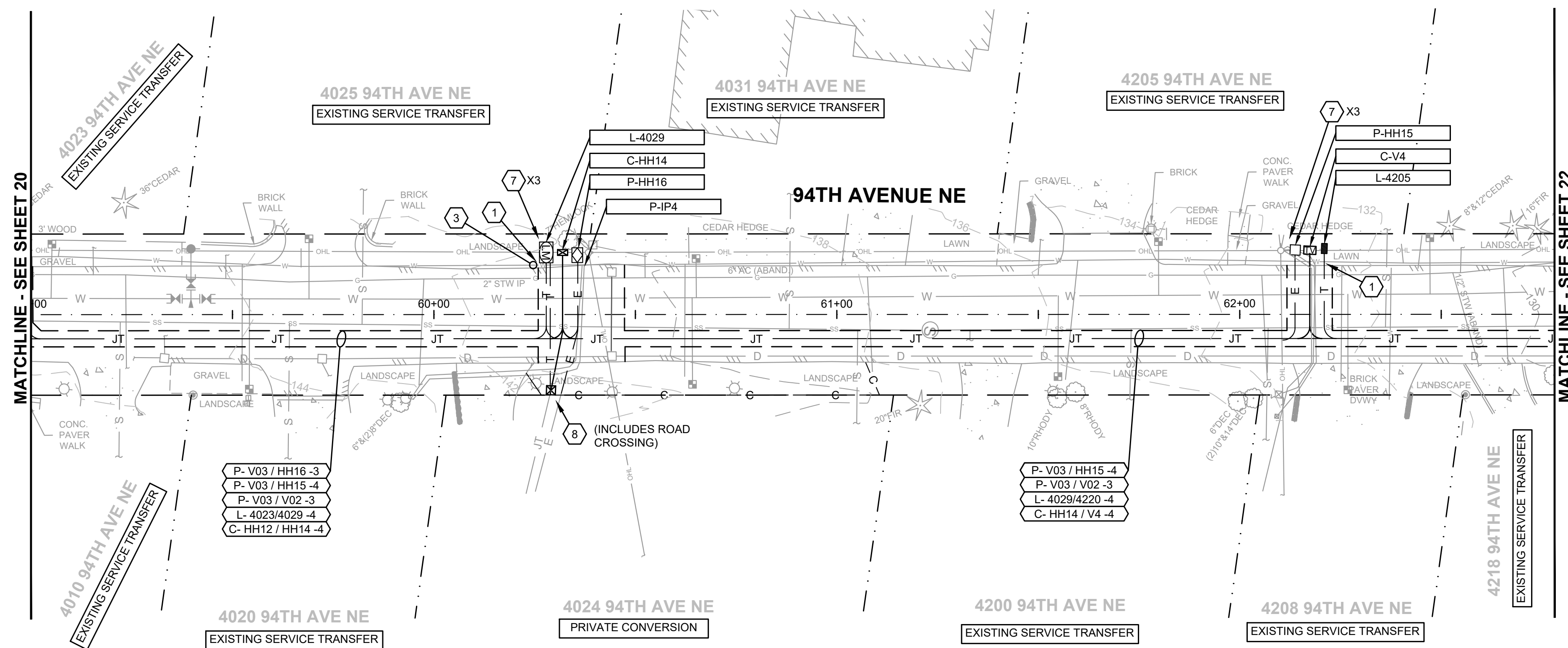
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(360) 454-5490

TOWN OF
YARROW POINT



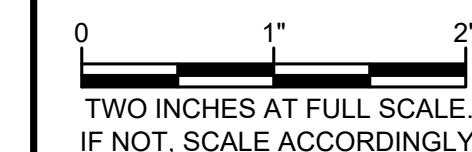
TOWN OF
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TOWN WIDE
**STORMWATER AND
UGC PROJECT**



| No. | DATE | REVISION |
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| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | UGC PLAN.DWG |



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APPROVAL FOR CONSTRUCTION
BY: *Stan Schuster*
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

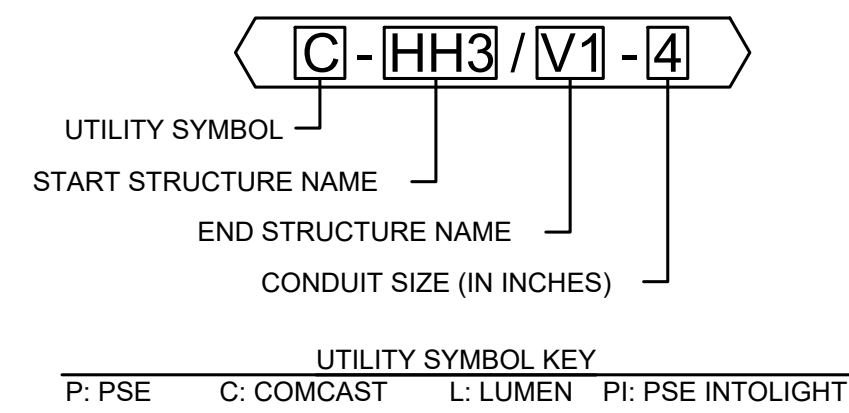
**JOINT UTILITY TRENCH
PLAN**

DRAWING: **21** OF: **40**

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- | | | | |
|---|------------------------------------|---|----------------------|
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CONDUIT NAMING CONVENTION DETAIL

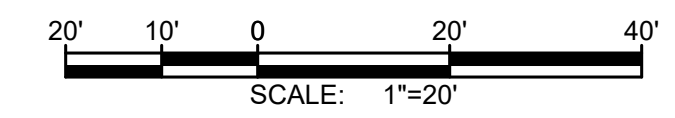


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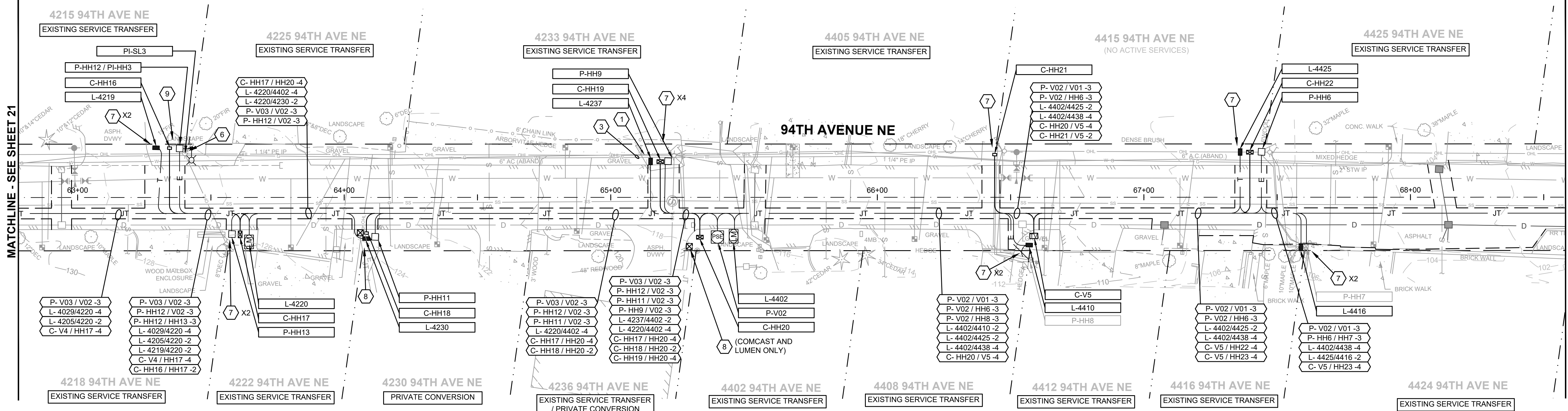
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ISSUED FOR: BID PLAN SET
ISSUE DATE: JAN 2024
APPROVED BY: KWB
CHECKED BY: KWB
DRAWN BY: CJB
DESIGNER: CJB
G & O JOB NO.: 23445
FILE: UGC PLAN.DWG

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JOINT UTILITY TRENCH PLAN

DRAWING: **22** OF: **40**

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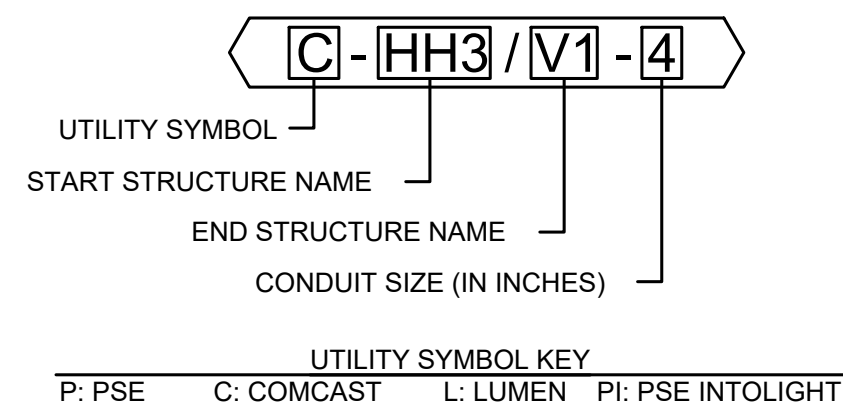
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APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

UTILITY UNDERGROUND STRUCTURE LEGEND

- | | |
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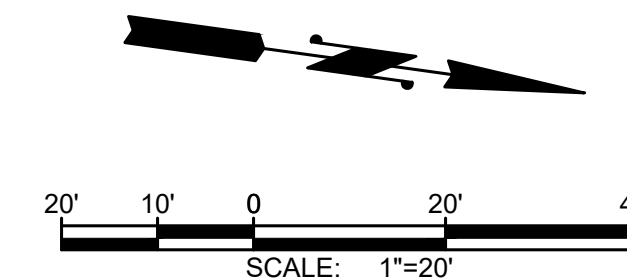


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TOWN OF
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STORMWATER AND
UGC PROJECT

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| | | |

ISSUED FOR: BID PLAN SET

ISSUE DATE: JAN 2024

APPROVED BY: KWB

CHECKED BY: KWB

DRAWN BY: CJB

DESIGNER: CJB

G & O JOB NO.: 23445

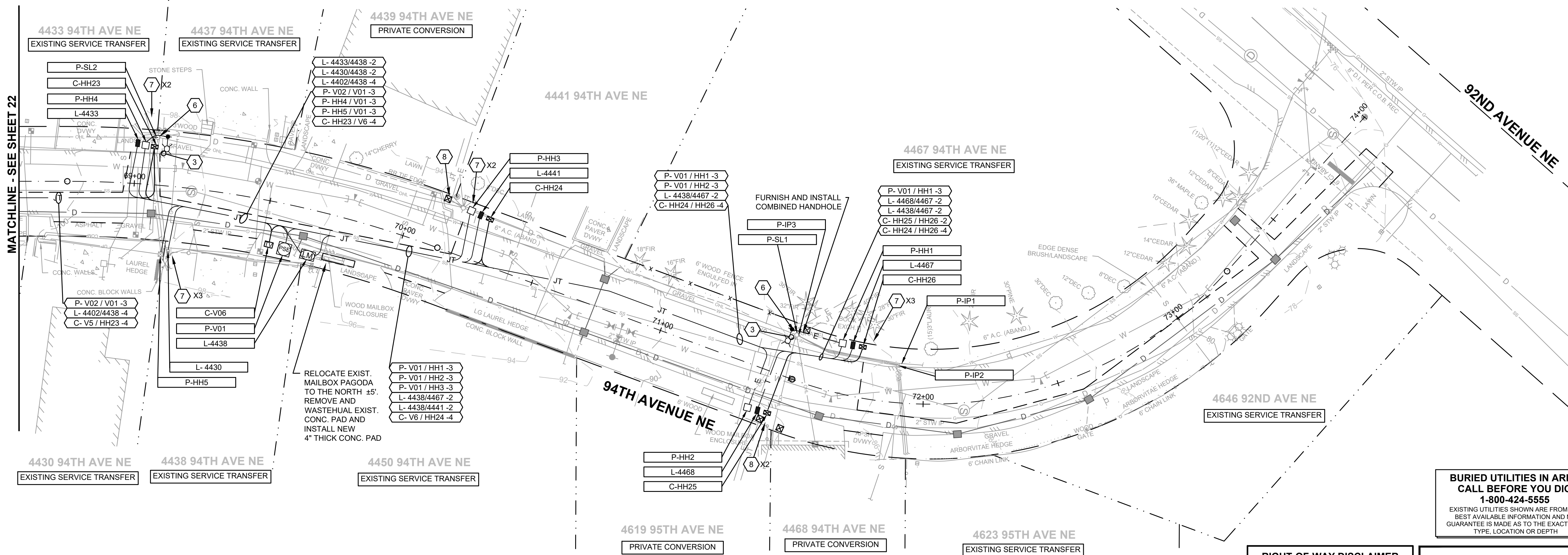
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JOINT UTILITY TRENCH
PLAN

DRAWING: 23 OF: 40



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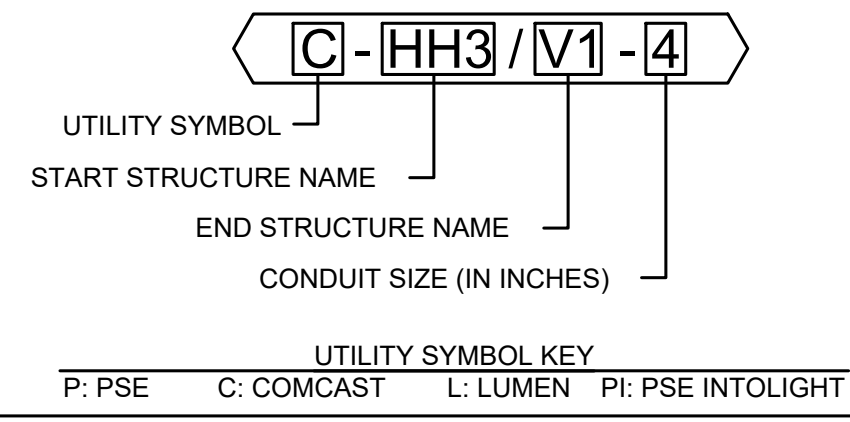
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APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

UTILITY UNDERGROUND STRUCTURE LEGEND

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- COMBINED HANDHOLE

CONDUIT NAMING CONVENTION DETAIL



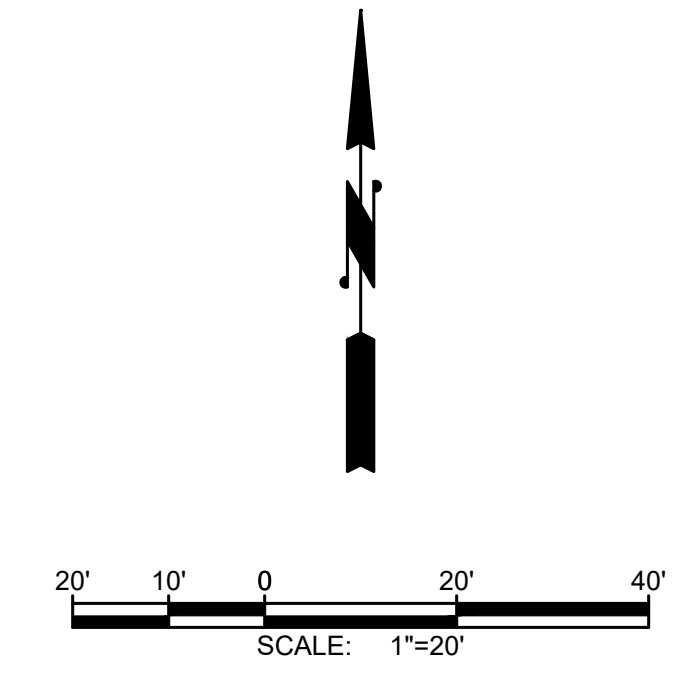
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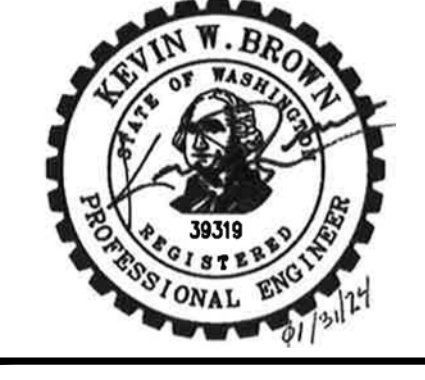
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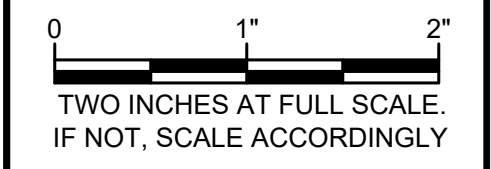


TOWN OF
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TOWN WIDE
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 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
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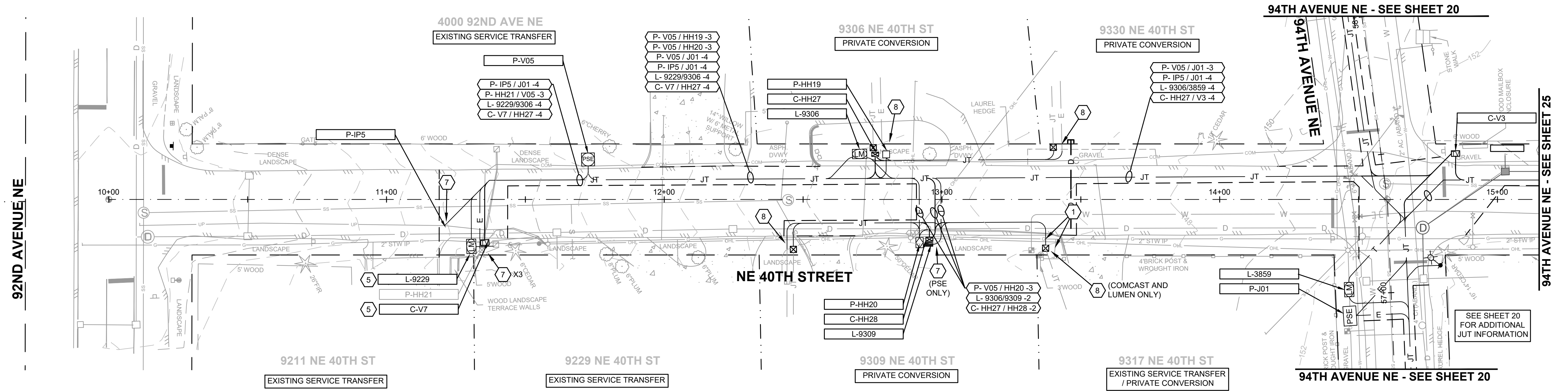
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APPROVAL FOR CONSTRUCTION
BY: *David Schuster*
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

JOINT UTILITY TRENCH PLAN

DRAWING: **24** OF: **40**



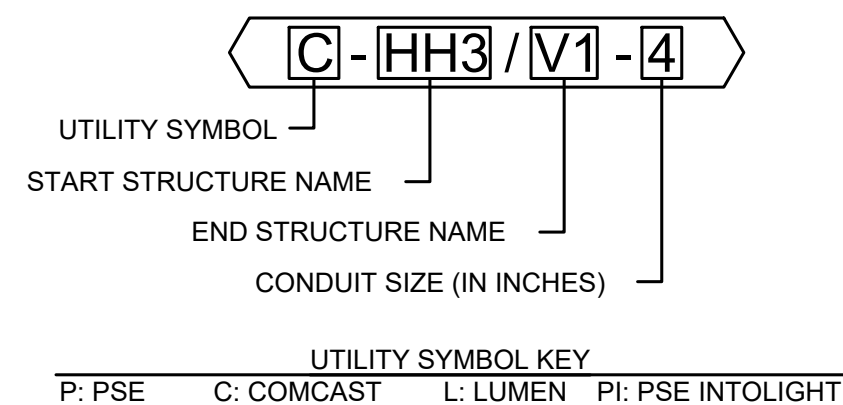
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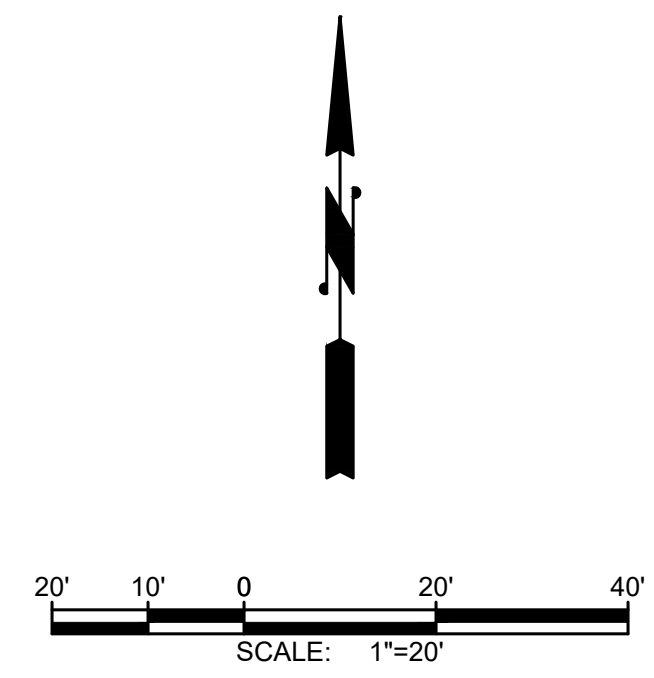


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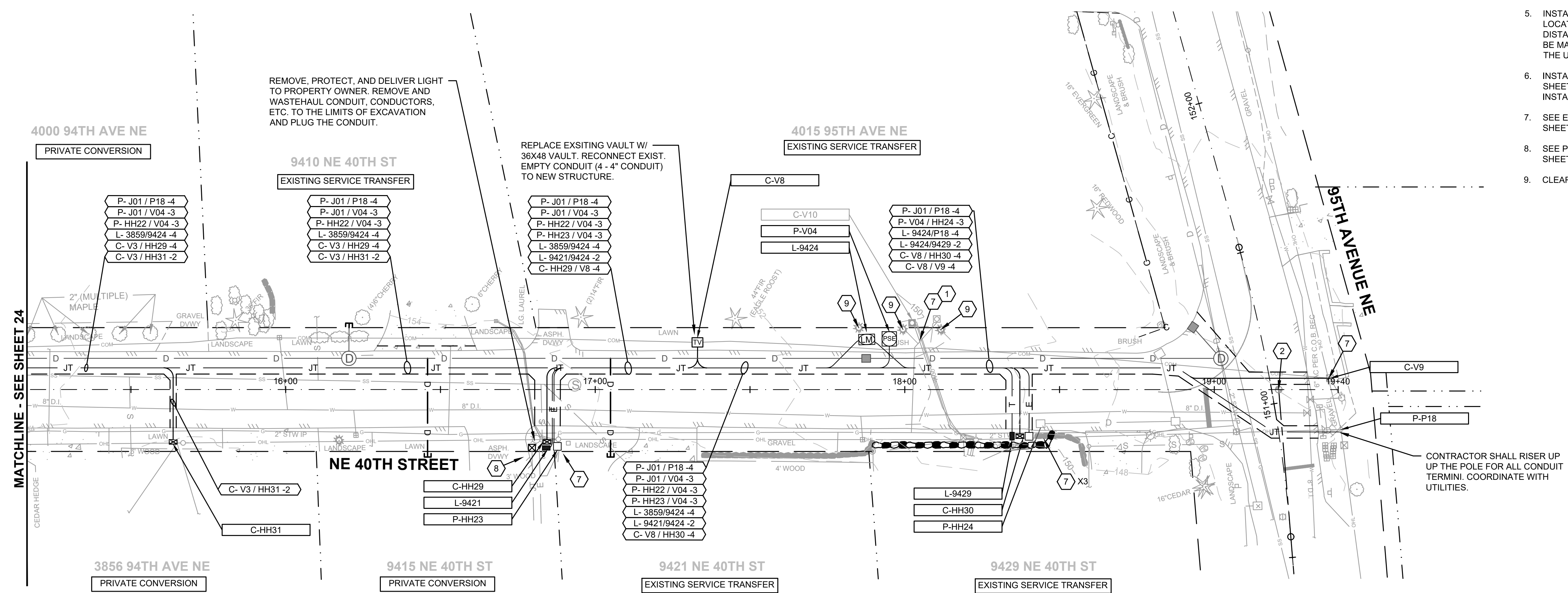
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JOINT UTILITY TRENCH CONSTRUCTION NOTES

- CAUTION: POTENTIAL UTILITY CONFLICT. VERIFY (POTHOLE) EXACT LOCATION AND DEPTH OF EXISTING UTILITY. SEE ORDER OF WORK.
- PROTECT EXISTING DRIVEWAY, RETAINING WALL, WATER METER, SURVEY MONUMENT, MAILBOX SUPPORT, FENCE, TREE AND UNDERGROUND UTILITY DURING CONSTRUCTION.
- REMOVE AND WASTEHAUL EXIST. AC PIPE AS NEEDED. PLUG ENDS WITH COMMERCIAL CONC.
- EXIST. POLE AND APPURTENANCES WILL BE REMOVED BY LUMEN. CONTRACTOR TO COORDINATE.
- INSTALL CONDUIT TO ±2' OF STRUCTURE LOCATION AND EXCAVATE REMAINING DISTANCE. STRUCTURE / CONNECTION WILL BE MADE BY OTHERS. COORDINATE WITH THE UTILITY.
- INSTALL STREET LIGHT TUBE PER DETAIL, SHEET PSE INTOLIGHT 1. LIGHT POLE TO BE INSTALLED BY OTHERS.
- SEE EXISTING SERVICE TRANSFER DETAIL, SHEET 27.
- SEE PRIVATE CONVERSION DETAIL, SHEET 27.
- CLEAR AND GRUB EXIST. TREE AND STUMP.



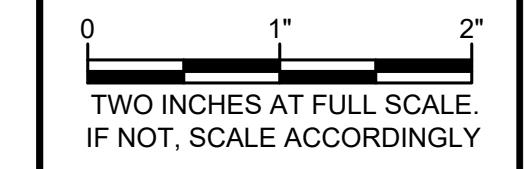
Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

TOWN OF
YARROW POINT

TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND UGC PROJECT

| No. | DATE | REVISION |
|--------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: UGC PLAN.DWG | | |



CIVIL

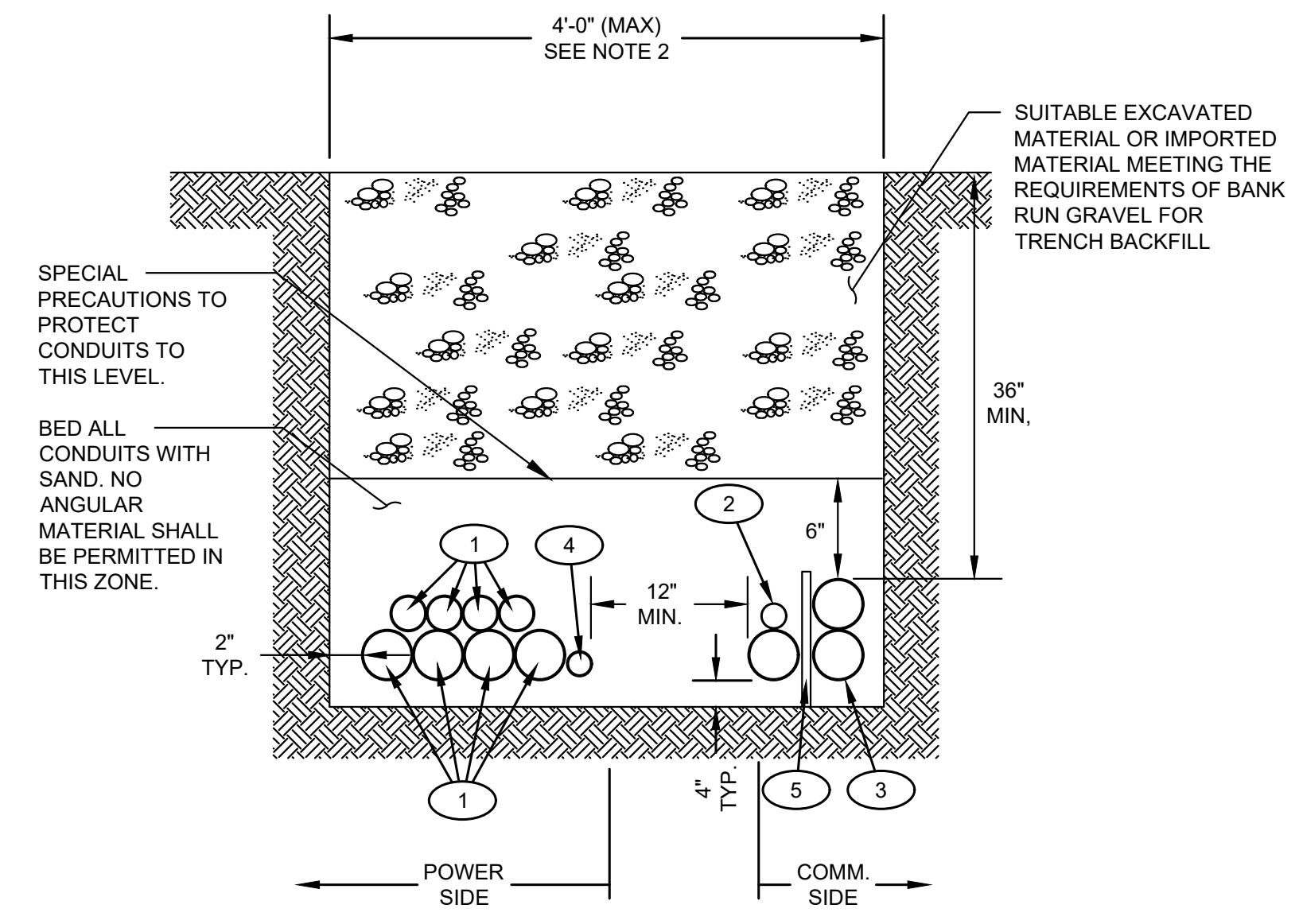
BURIED UTILITIES IN AREA CALL BEFORE YOU DIG
1-800-424-5555
EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH

RIGHT-OF-WAY DISCLAIMER
THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

JOINT UTILITY TRENCH PLAN

DRAWING: **25** OF: **40**



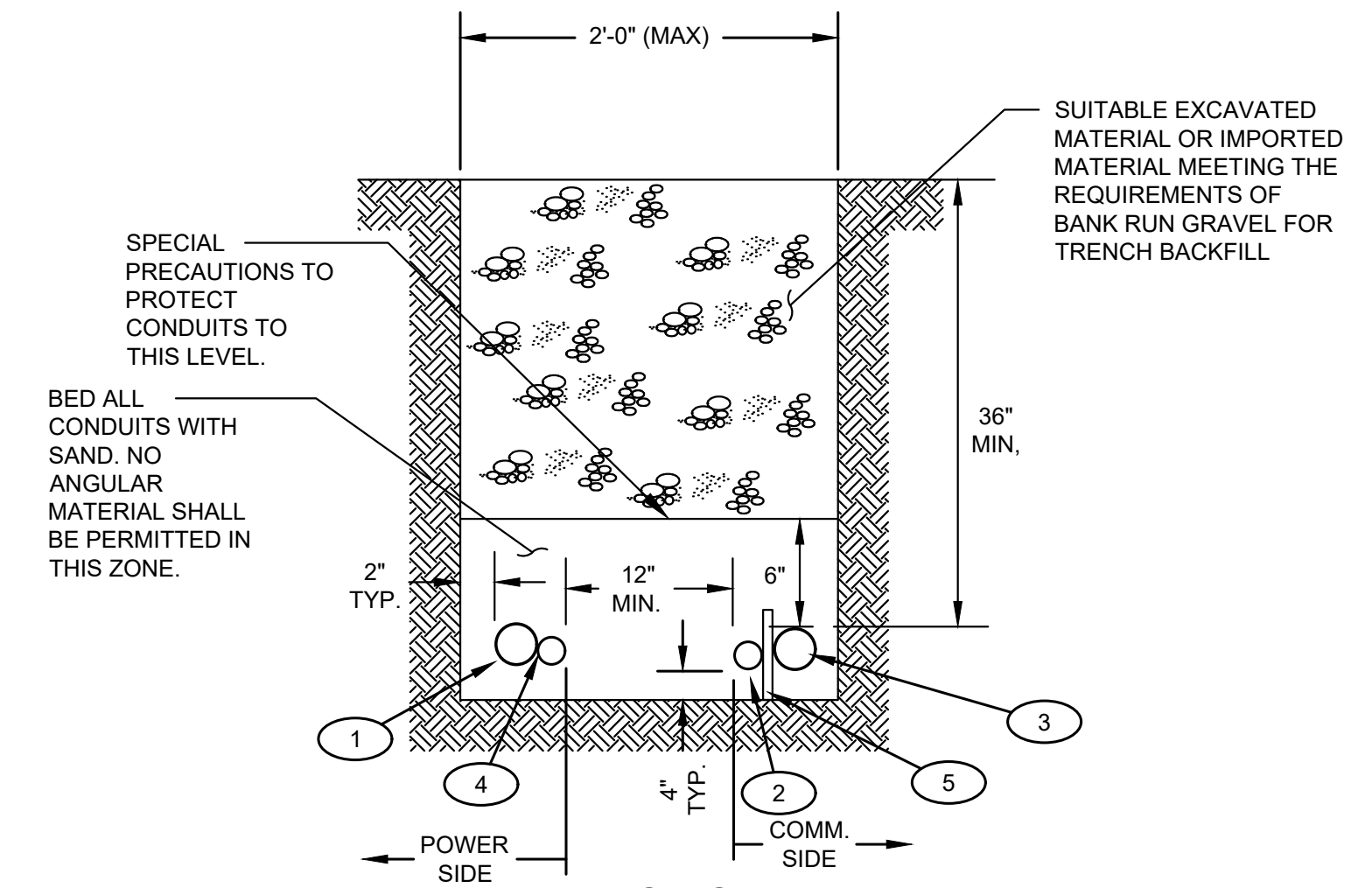
NOTES:

1. THE TRENCH SECTION SHOWN IS FOR THE PAYMENT LIMITS FOR BANK RUN GRAVEL FOR TRENCH BACKFILL.
2. NUMBER AND SIZE OF CONDUITS AND THE TRENCH WIDTH AND DEPTH VARIES.
3. EACH UTILITY WILL MAKE ALL CONNECTIONS TO EXISTING/NEW FACILITIES. THE CONTRACTOR SHALL COORDINATE THIS WORK.
4. WORK SHALL BE SEQUENCED TO ALLOW CONTINUAL OPERATION OF ALL EXISTING UNDERGROUND AND AERIAL UTILITIES UNTIL CONVERSIONS ARE COMPLETE.

JOINT UTILITY TRENCH SECTION
NOT TO SCALE

CONDUIT CALLOUTS

1. CONDUIT(S) FOR PSE. CONDUIT AND SWEEPS WILL BE FURNISHED BY PSE AND INSTALLED BY THE CONTRACTOR.
2. CONDUIT(S) FOR LUMEN. CONDUIT AND SWEEPS WILL BE FURNISHED BY LUMEN AND INSTALLED BY THE CONTRACTOR.
3. CONDUIT(S) FOR COMCAST. CONDUIT AND SWEEPS WILL BE FURNISHED BY COMCAST AND INSTALLED BY THE CONTRACTOR.
4. CONDUIT FOR PSE INTOLIGHT. CONDUIT AND SWEEPS WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
5. 2 INCH LATH FOR SEPARATION. SPACING AS NEEDED. LATH WILL BE FURNISHED BY LUMEN AND INSTALLED BY THE CONTRACTOR.



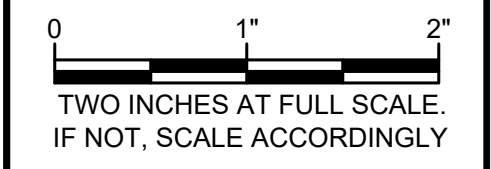
NOTES:

1. THE TRENCH SECTION SHOWN IS FOR THE PAYMENT LIMITS FOR BANK RUN GRAVEL FOR TRENCH BACKFILL.
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3. WORK SHALL BE SEQUENCED TO ALLOW CONTINUAL OPERATION OF ALL EXISTING UNDERGROUND AND AERIAL UTILITIES UNTIL CONVERSIONS ARE COMPLETE.
4. NUMBER AND SIZE OF CONDUITS, NUMBER OF UTILITY OWNERS, AND TRENCH WIDTH, AND DEPTH VARIES.

JOINT SERVICE TRENCH SECTION
NOT TO SCALE

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

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|----------------|--------------|
| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | DETAILS.DWG |



CIVIL

**JOINT TRENCH
DETAILS**

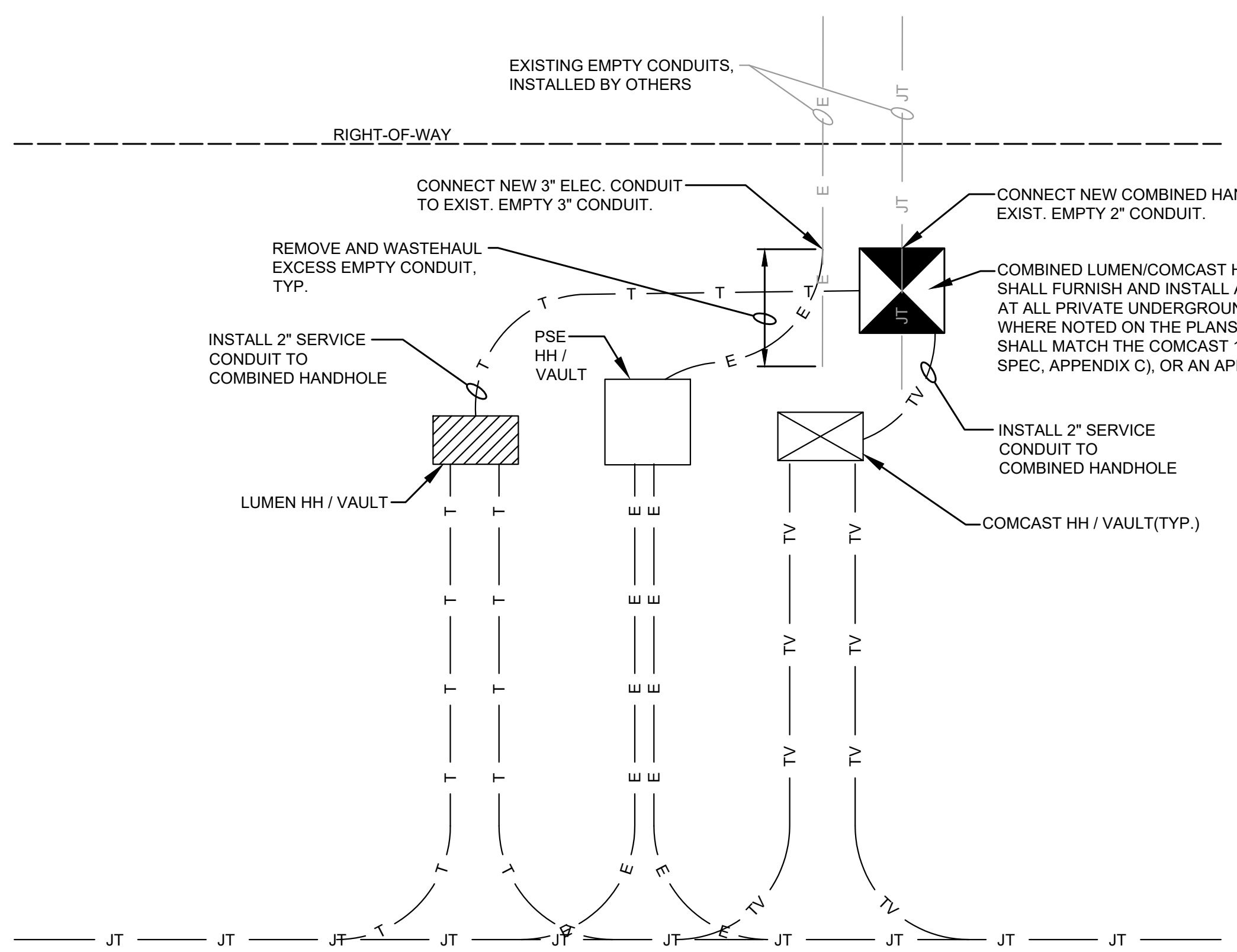
DRAWING: **26** OF: **40**

APPROVAL FOR CONSTRUCTION
David Schuster
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025



TOWN OF
YARROW POINT

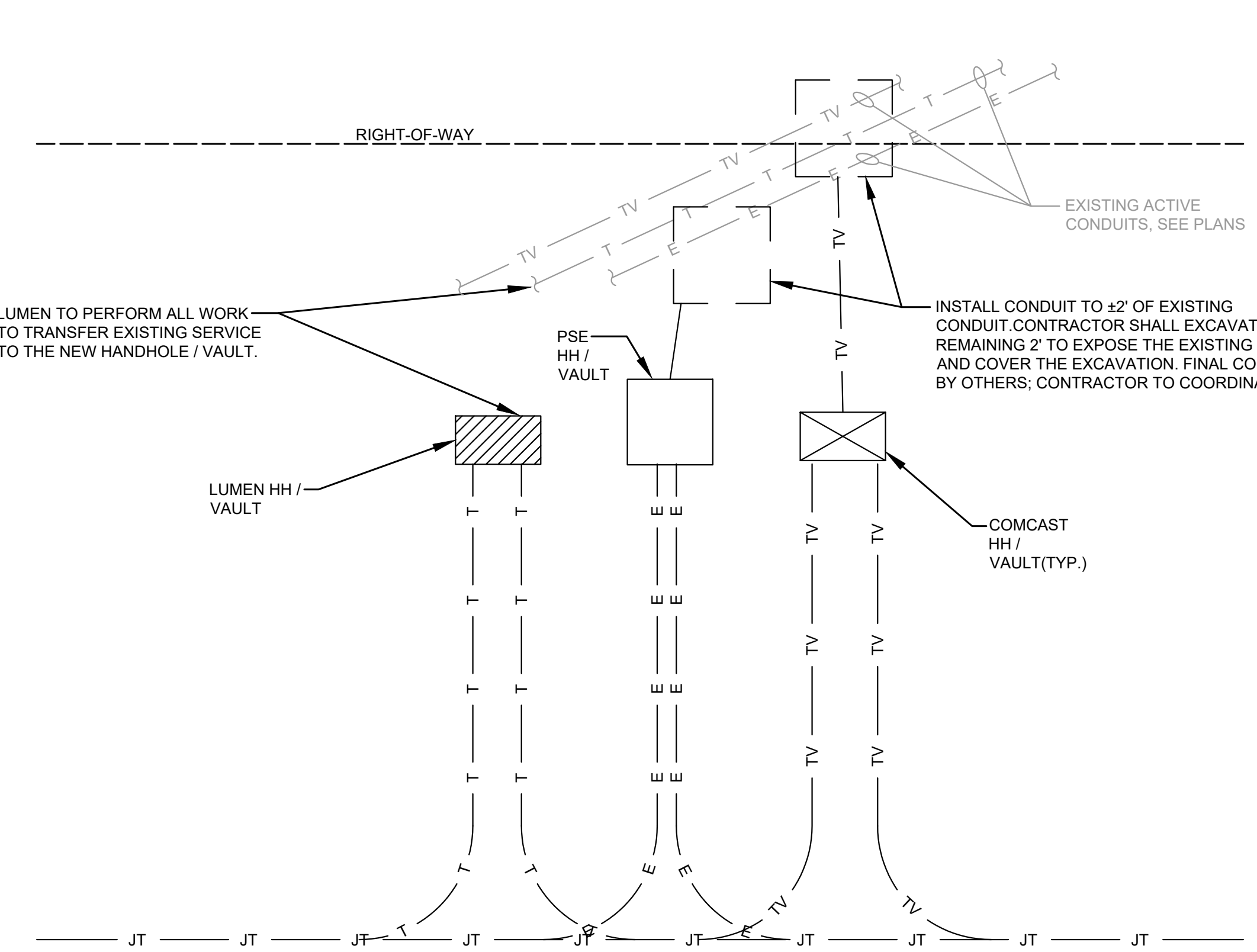
TOWN WIDE
STORMWATER AND
UGC PROJECT



- NOTES:**
- STRUCTURE TYPE AND CONFIGURATION VARIES, SEE PLANS.
 - ALL CONDUIT, BOXES AND TRENCHING SHALL BE MEASURED AND PAID FOR UNDER UNIT BID PRICES.

PRIVATE CONVERSION DETAIL

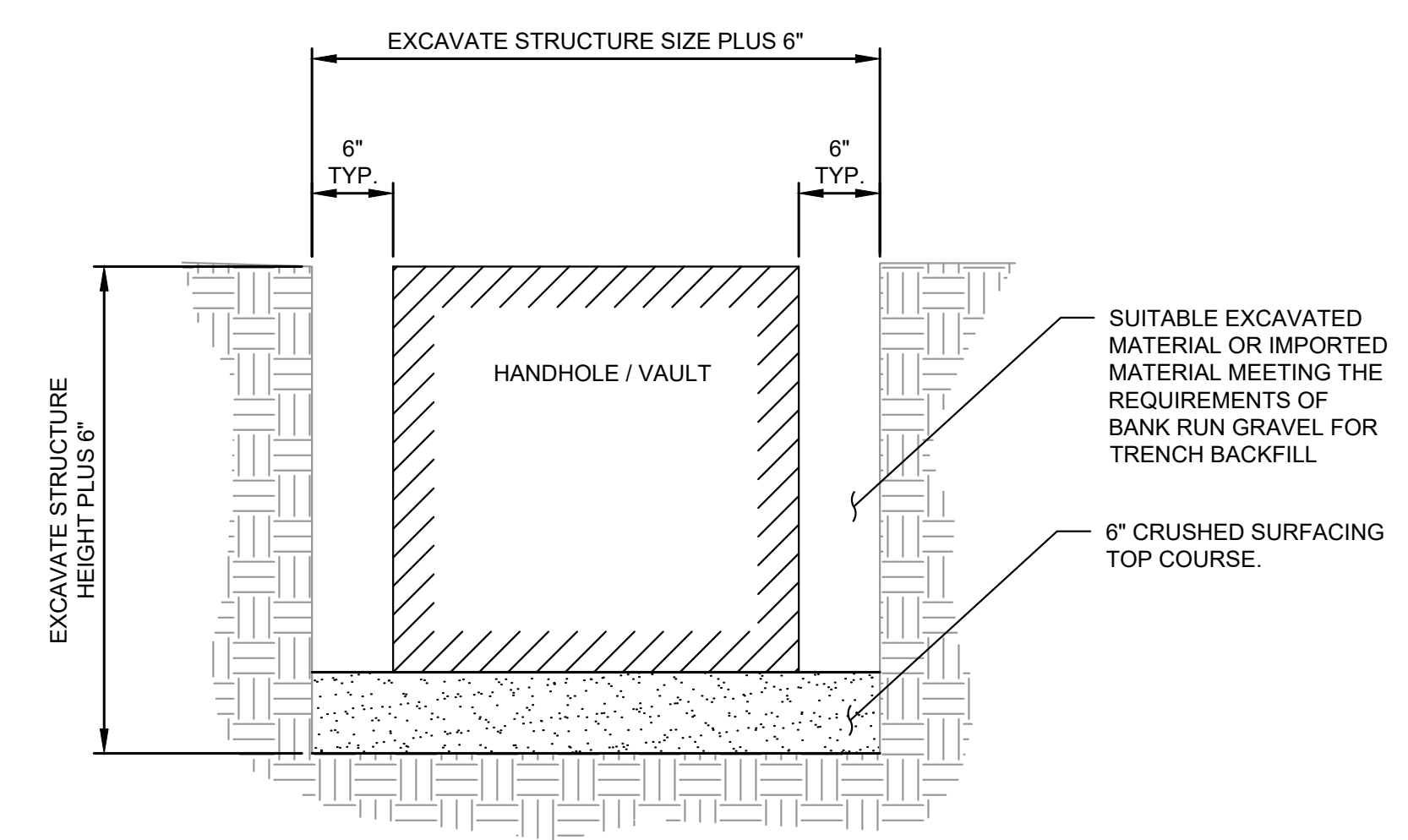
NOT TO SCALE



- NOTES:**
- STRUCTURE TYPE AND CONFIGURATION VARIES, SEE PLANS.

EXISTING SERVICE TRANSFER DETAIL

NOT TO SCALE



**UTILITY STRUCTURE EXCAVATION DETAIL
(LUMEN, COMCAST AND COMBINED STRUCTURES)**

NOT TO SCALE

APPROVAL FOR CONSTRUCTION
BY: Stan Schuster
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

| No. | DATE | REVISION |
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| | | |

ISSUED FOR: BID PLAN SET

ISSUE DATE: JAN 2024

APPROVED BY: KWB

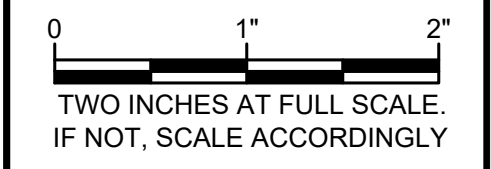
CHECKED BY: KWB

DRAWN BY: CJB

DESIGNER: CJB

G & O JOB NO.: 23445

FILE: DETAILS.DWG



CIVIL

**JOINT TRENCH
DETAILS**

DRAWING: **27** OF: **40**

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\CIVIL\DETAILS.dwg, 1/31/2024, 12:40 PM, CHRIS BACON

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\RESTORATION PLAN.dwg, 1/31/2024, 12:41 PM, CHRIS BACON

GENERAL NOTES

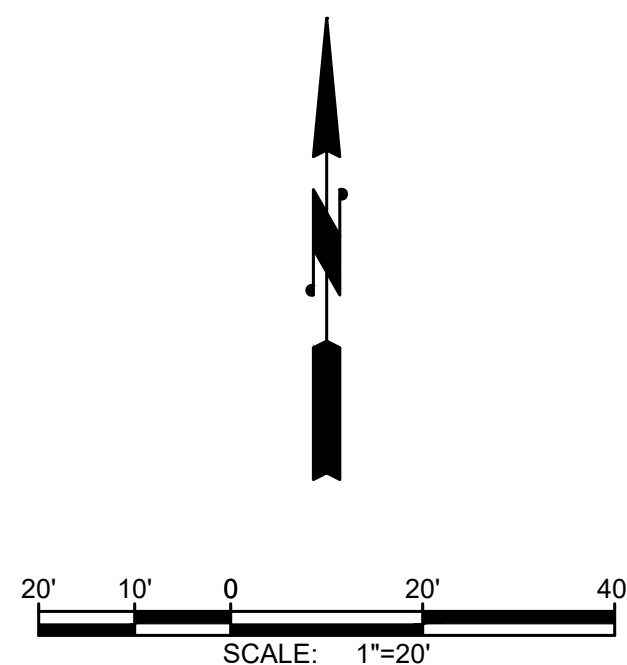
1. ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D-1 MMA UNLESS INDICATED OTHERWISE.
2. FURNISH AND INSTALL TEMPORARY PAVEMENT MARKINGS IMMEDIATELY FOLLOWING PAVING.
3. SEED, MULCH, AND FERTILIZE (HYDROSEED) OVER 4" COMPACTED DEPTH TOPSOIL IN ALL DISTURBED AREAS, EXCEPT AS NOTED ON THESE SHEETS OR AS DIRECTED BY THE CONTRACTING AGENCY.

CHANNELIZATION AND SIGNING NOTES:

1. FURNISH AND INSTALL PLASTIC STOP LINE.
2. INSTALL NEW SIGN(S) AND POST(S) PER DETAIL, SHEET 38.
3. RELOCATE EXISTING SIGN. FURNISH AND INSTALL NEW POST(S) AND HARDWARE. WASTEHAUL EXISTING POST(S) AND FOUNDATION.

RESTORATION NOTES:

1. INSTALL SINGLE TIMBER EDGING PER DETAIL, SHEET 37.
2. INSTALL STACKED TIMBER EDGING PER DETAIL, SHEET 37. MAX HEIGHT AS NOTED.
3. REMOVE AND WASTEHAUL PAVEMENT. FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTING AGENCY.
4. REMOVE AND WASTEHAUL EXISTING FENCE. INSTALL NEW 6' WOOD FENCE PER DETAIL, SHEET.
5. INSTALL CATCH BASIN BERM PER DETAIL, SHEET 38.



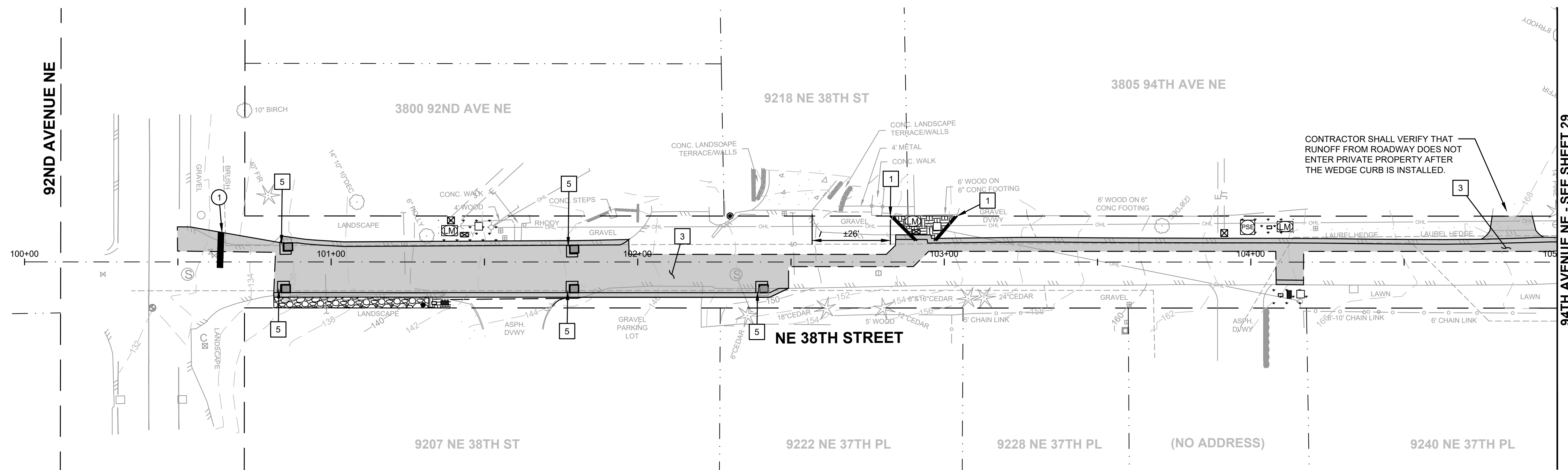
Gray & Osborne, Inc.
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TOWN OF
YARROW POINT



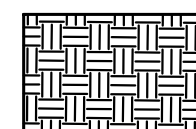
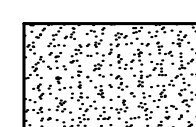


TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND
UGC PROJECT

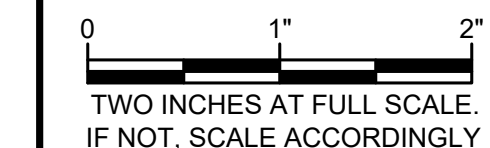


LEGEND:

-  HMA
SEE TRENCH RESTORATION DETAIL, SHEET 38
-  SOD OVER 4" TOPSOIL
-  2" BARK MULCH OVER 4" TOPSOIL
-  2" CSTC

| No. | DATE | REVISION |
|-----|------|----------|
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|----------------|----------------------|
| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | RESTORATION PLAN.DWG |



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APPROVAL FOR CONSTRUCTION

BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

RESTORATION PLAN

DRAWING: **28** OF: **40**



GENERAL NOTES

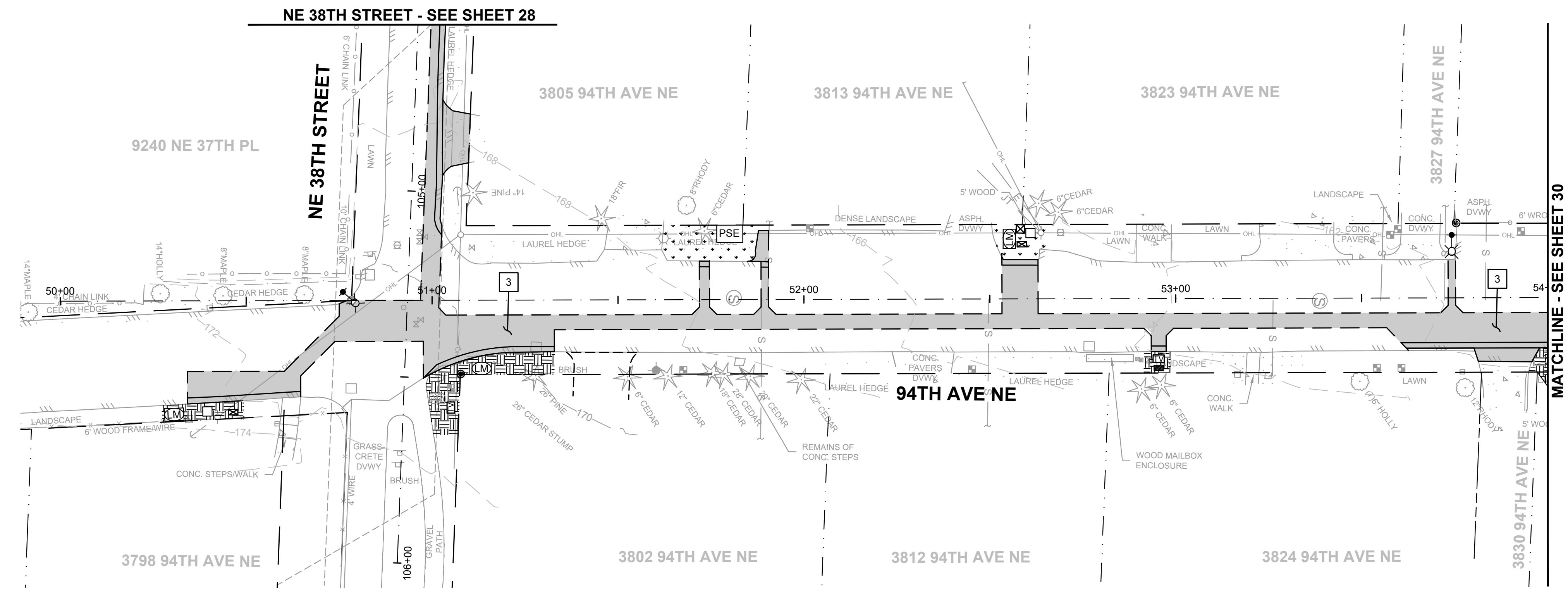
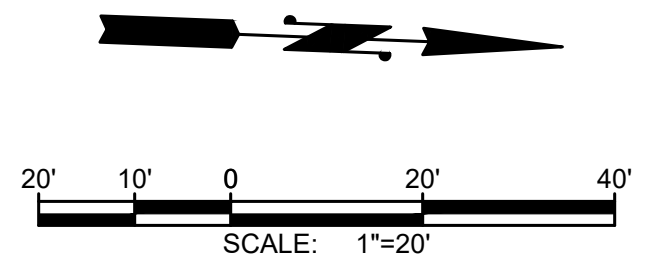
1. ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D-1 MMA UNLESS INDICATED OTHERWISE.
2. FURNISH AND INSTALL TEMPORARY PAVEMENT MARKINGS IMMEDIATELY FOLLOWING PAVING.
3. SEED, MULCH, AND FERTILIZE (HYDROSEED) OVER 4" COMPACTED DEPTH TOPSOIL IN ALL DISTURBED AREAS, EXCEPT AS NOTED ON THESE SHEETS OR AS DIRECTED BY THE CONTRACTING AGENCY.

CHANNELIZATION AND SIGNING NOTES:

1. FURNISH AND INSTALL PLASTIC STOP LINE.
2. INSTALL NEW SIGN(S) AND POST(S) PER DETAIL, SHEET 38.
3. RELOCATE EXISTING SIGN. FURNISH AND INSTALL NEW POST(S) AND HARDWARE. WASTEHAUL EXISTING POST(S) AND FOUNDATION.

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4. REMOVE AND WASTEHAUL EXISTING FENCE, INSTALL NEW 6" WOOD FENCE PER DETAIL, SHEET.
5. INSTALL CATCH BASIN BERM PER DETAIL, SHEET 38.



LEGEND:

- HMA
SEE TRENCH RESTORATION DETAIL, SHEET 38
- SOD OVER 4" TOPSOIL
- 2" BARK MULCH OVER 4" TOPSOIL
- 2" CSTC

| No. | DATE | REVISION |
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ISSUED FOR: **BID PLAN SET**

ISSUE DATE: **JAN 2024**

APPROVED BY: **KWB**

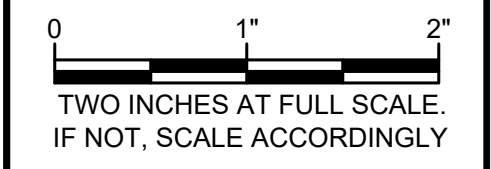
CHECKED BY: **KWB**

DRAWN BY: **CJB**

DESIGNER: **CJB**

G & O JOB NO.: **23445**

FILE: **RESTORATION PLAN.DWG**



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APPROVAL FOR CONSTRUCTION
BY: *David Schuster*
TOWN OF YARROW POINT
DATE: **JANUARY 2024**
APPROVAL EXPIRES: **JANUARY 2025**

RESTORATION PLAN

DRAWING: **29** OF: **40**



TOWN OF
YARROW POINT

TOWN WIDE
**STORMWATER AND
UGC PROJECT**

| No. | DATE | REVISION |
|----------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: RESTORATION PLAN.DWG | | |

0 1" 2"
TWO INCHES AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

CIVIL

RESTORATION PLAN

DRAWING: **30** OF: **40**

GENERAL NOTES

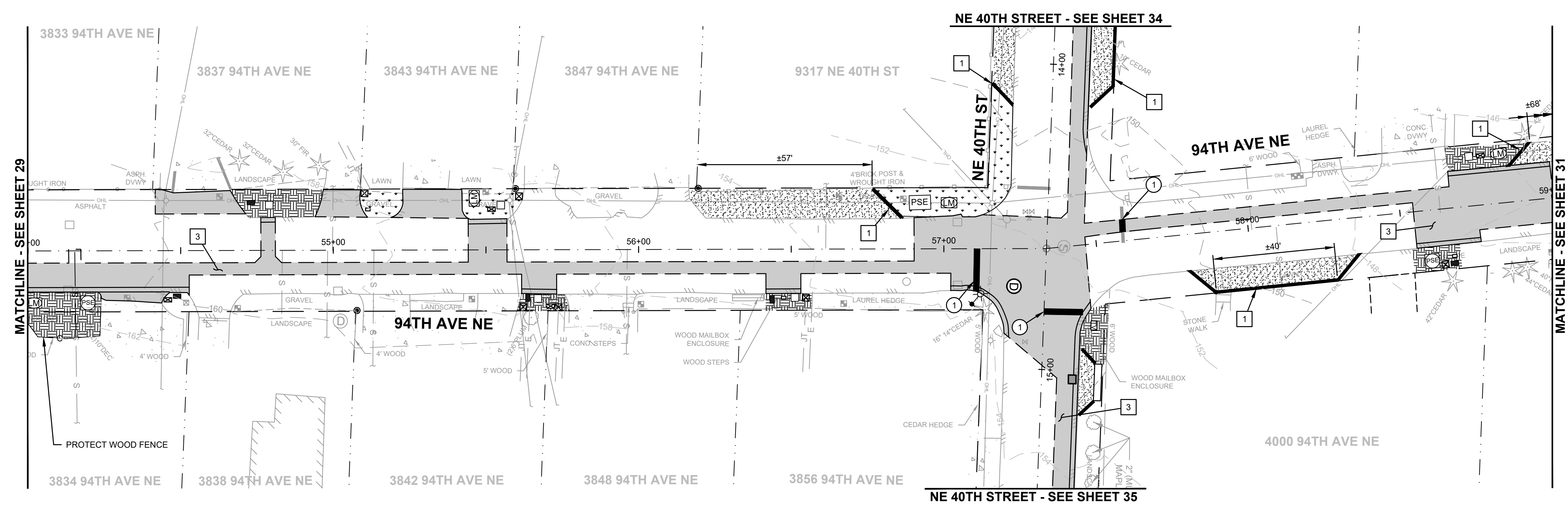
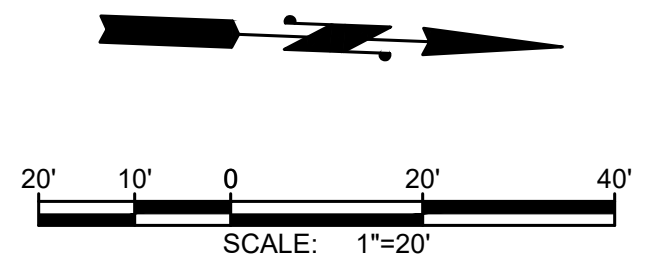
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RESTORATION NOTES:

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4. REMOVE AND WASTEHAUL EXISTING FENCE. INSTALL NEW 6' WOOD FENCE PER DETAIL, SHEET.
5. INSTALL CATCH BASIN BERM PER DETAIL, SHEET 38.



LEGEND:

- HMA SEE TRENCH RESTORATION DETAIL, SHEET 38
- SOD OVER 4" TOPSOIL
- 2" BARK MULCH OVER 4" TOPSOIL
- 2" CSTC

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APPROVAL FOR CONSTRUCTION
BY: *David Schuster*
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\RESTORATION PLAN.dwg, 1/31/2024, 12:42 PM, CHRIS BACON



TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND
UGC PROJECT

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

ISSUED FOR: BID PLAN SET

ISSUE DATE: JAN 2024

APPROVED BY: KWB

CHECKED BY: KWB

DRAWN BY: CJB

DESIGNER: CJB

G & O JOB NO.: 23445

FILE: RESTORATION PLAN.DWG

0 1" 2"
TWO INCHES AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

CIVIL

RESTORATION PLAN

DRAWING: **31** OF: **40**

GENERAL NOTES

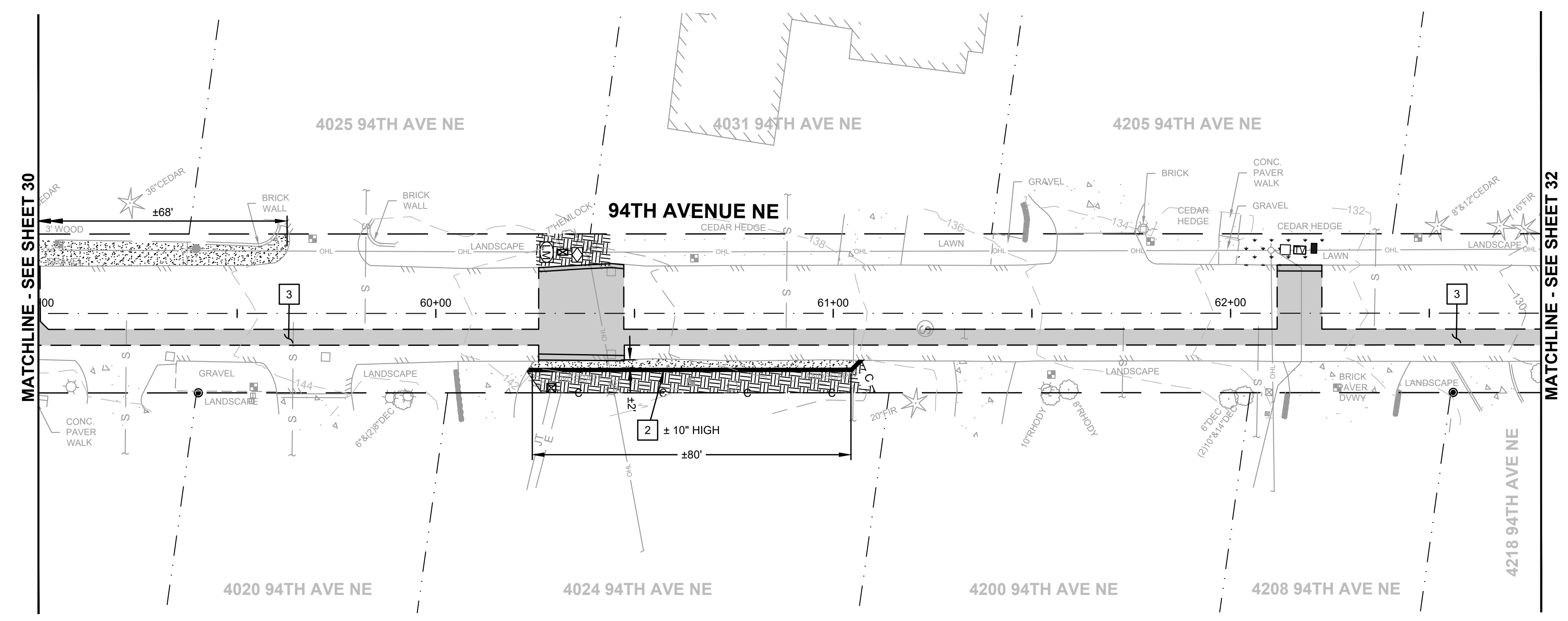
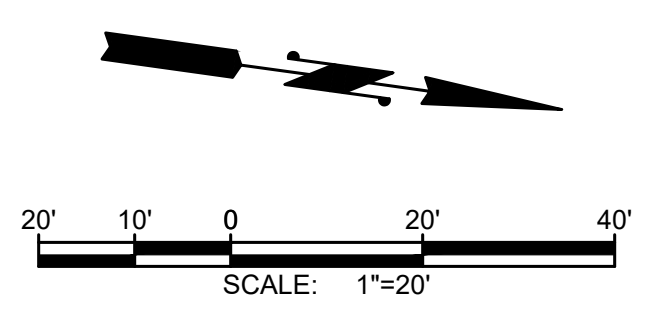
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CHANNELIZATION AND SIGNING NOTES:



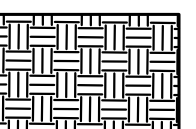
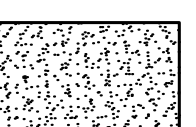
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LEGEND:

-  HMA
SEE TRENCH RESTORATION DETAIL, SHEET 38
-  SOD OVER 4" TOPSOIL
-  2" BARK MULCH OVER 4" TOPSOIL
-  2" CSTC

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APPROVAL FOR CONSTRUCTION
BY: *David Schuster*
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

GENERAL NOTES

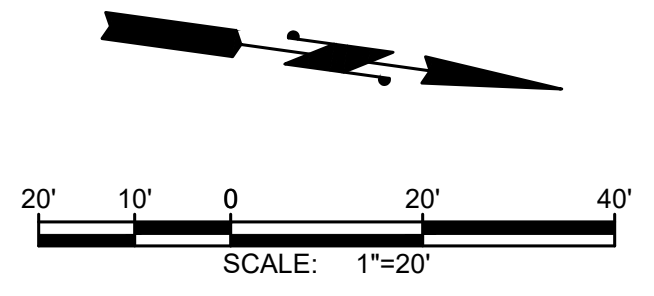
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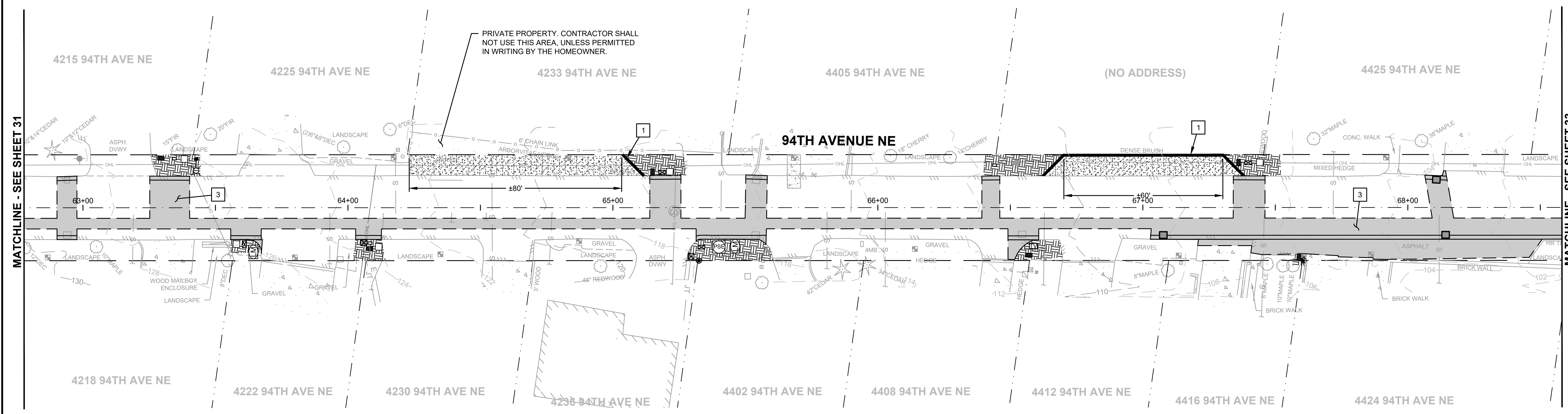
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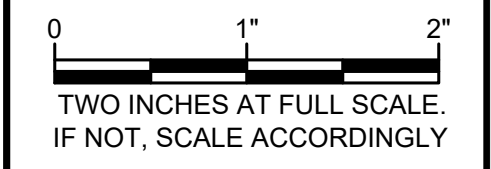
LEGEND:

- HMA
SEE TRENCH
RESTORATION
DETAIL, SHEET 38
- SOD OVER 4" TOPSOIL
- 2" BARK MULCH
OVER 4" TOPSOIL
- 2" CSTC



| No. | DATE | REVISION |
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ISSUED FOR: BID PLAN SET
 ISSUE DATE: JAN 2024
 APPROVED BY: KWB
 CHECKED BY: KWB
 DRAWN BY: CJB
 DESIGNER: CJB
 G & O JOB NO.: 23445
 FILE: RESTORATION PLAN.DWG



CIVIL

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EXISTING UTILITIES SHOWN ARE FROM THE
BEST AVAILABLE INFORMATION AND NO
GUARANTEE IS MADE AS TO THE EXACT SIZE,
TYPE, LOCATION OR DEPTH

RIGHT-OF-WAY DISCLAIMER
THE RIGHT-OF-WAY AND/OR
PROPERTY LINES SHOWN HEREON
ARE BASED ON AVAILABLE
INFORMATION, NOT ON A SURVEYED
LOCATION AND ARE ONLY
APPROXIMATE.

APPROVAL FOR CONSTRUCTION
David Schuster
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

RESTORATION PLAN

DRAWING: **32** OF: **40**

| No. | DATE | REVISION |
|----------------------------|------|----------|
| ISSUED FOR: BID PLAN SET | | |
| ISSUE DATE: JAN 2024 | | |
| APPROVED BY: KWB | | |
| CHECKED BY: KWB | | |
| DRAWN BY: CJB | | |
| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: RESTORATION PLAN.DWG | | |

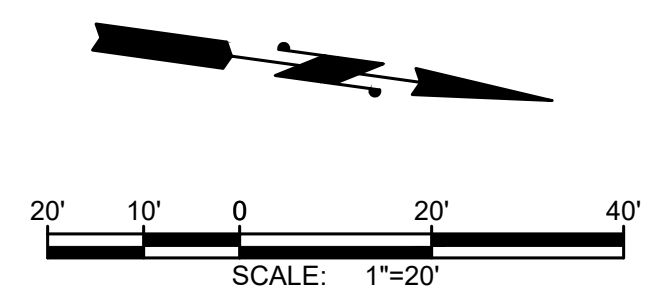
0 1" 2"
TWO INCHES AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

CIVIL

**BURIED UTILITIES IN AREA
CALL BEFORE YOU DIG
1-800-424-5555**
EXISTING UTILITIES SHOWN ARE FROM THE
BEST AVAILABLE INFORMATION AND NO
GUARANTEE IS MADE AS TO THE EXACT SIZE,
TYPE, LOCATION OR DEPTH

RESTORATION PLAN

DRAWING: **33** OF: **40**



GENERAL NOTES

1. ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D-1 MMA UNLESS INDICATED OTHERWISE.
2. FURNISH AND INSTALL TEMPORARY PAVEMENT MARKINGS IMMEDIATELY FOLLOWING PAVING.
3. SEED, MULCH, AND FERTILIZE (HYDROSEED) OVER 4" COMPACTED DEPTH TOPSOIL IN ALL DISTURBED AREAS, EXCEPT AS NOTED ON THESE SHEETS OR AS DIRECTED BY THE CONTRACTING AGENCY.


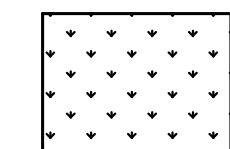
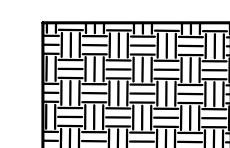
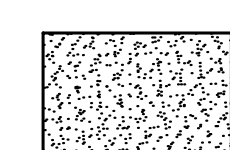
CHANNELIZATION AND SIGNING NOTES:

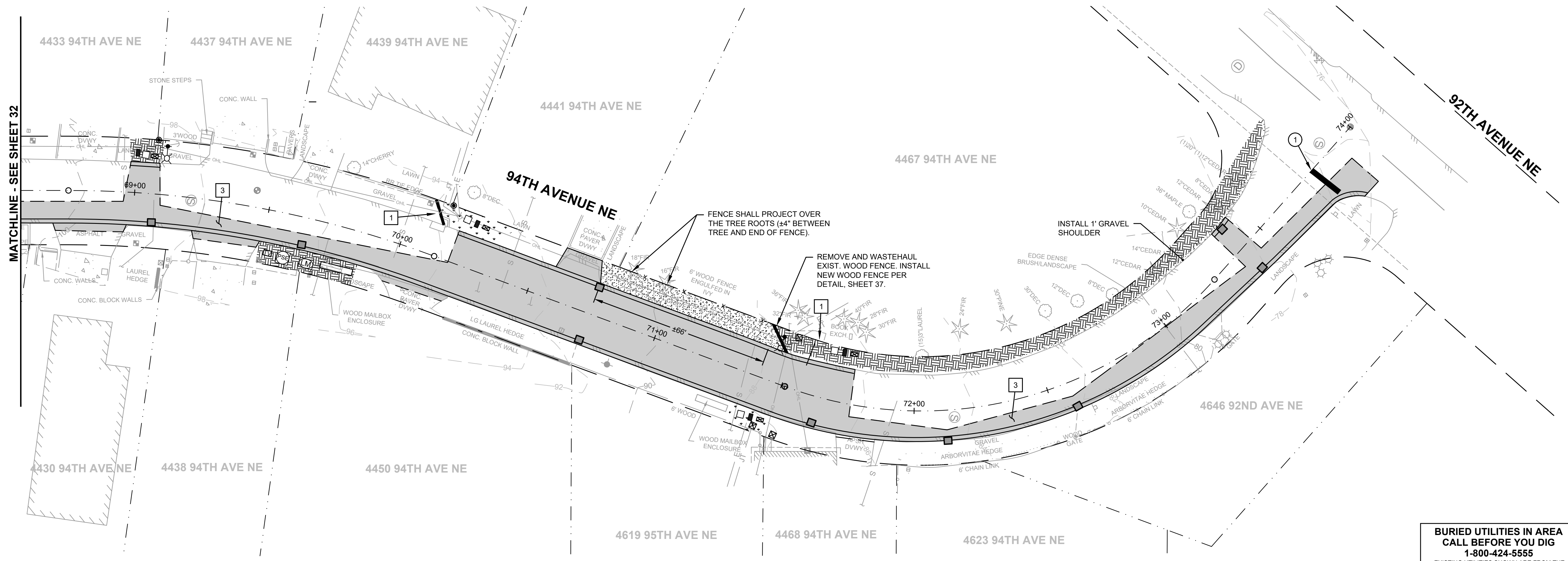
1. FURNISH AND INSTALL PLASTIC STOP LINE.
2. INSTALL NEW SIGN(S) AND POST(S) PER DETAIL, SHEET 38.
3. RELOCATE EXISTING SIGN. FURNISH AND INSTALL NEW POST(S) AND HARDWARE. WASTEHAUL EXISTING POST(S) AND FOUNDATION.

RESTORATION NOTES:

1. INSTALL SINGLE TIMBER EDGING PER DETAIL, SHEET 37.
2. INSTALL STACKED TIMBER EDGING PER DETAIL, SHEET 37. MAX HEIGHT AS NOTED.
3. REMOVE AND WASTEHAUL PAVEMENT. FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTING AGENCY.
4. REMOVE AND WASTEHAUL EXISTING FENCE, INSTALL NEW 6' WOOD FENCE PER DETAIL, SHEET.
5. INSTALL CATCH BASIN BERM PER DETAIL, SHEET 38.

LEGEND:

-  HMA
SEE TRENCH RESTORATION DETAIL, SHEET 38
-  SOD OVER 4" TOPSOIL
-  2" BARK MULCH OVER 4" TOPSOIL
-  2" CSTC



RIGHT-OF-WAY DISCLAIMER
THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\RESTORATION PLAN.dwg, 1/31/2024, 12:42 PM, CHRIS BACON

| No. | DATE | REVISION |
|-----|------|----------|
| | | |

ISSUED FOR: BID PLAN SET

ISSUE DATE: JAN 2024

APPROVED BY: KWB

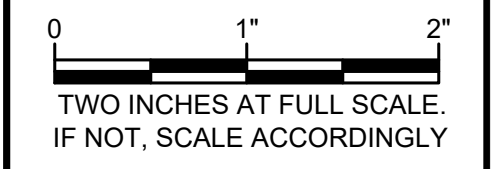
CHECKED BY: KWB

DRAWN BY: CJB

DESIGNER: CJB

G & O JOB NO.: 23445

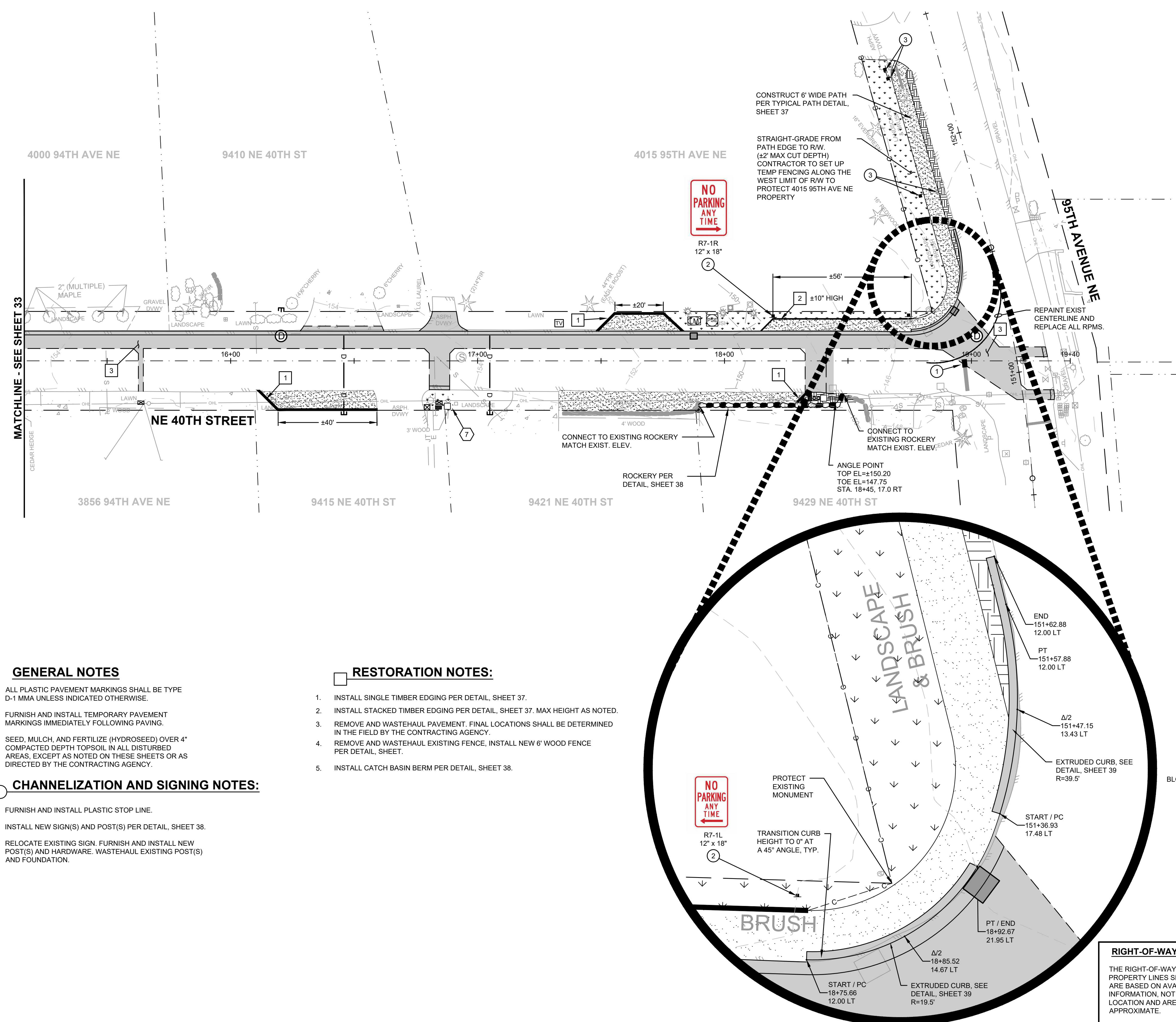
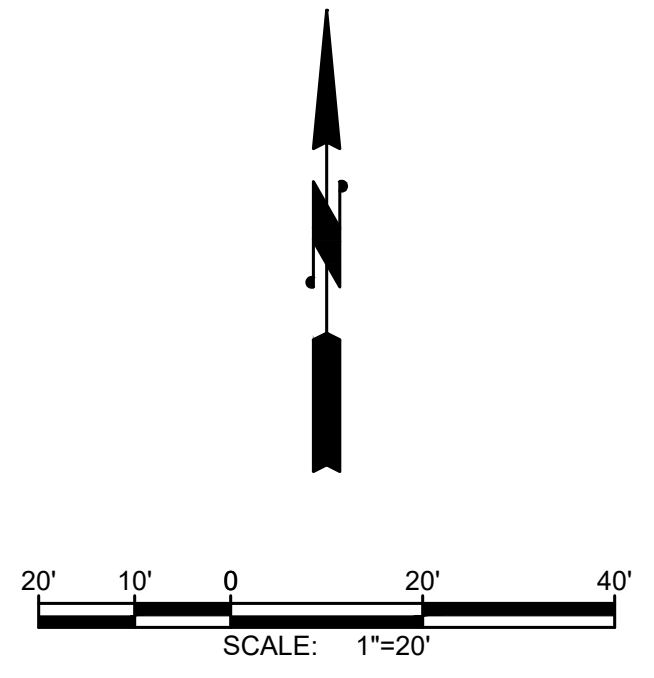
FILE: RESTORATION PLAN.DWG



CIVIL

RESTORATION PLAN

DRAWING: **35** OF: **40**



LEGEND:

- HMA
SEE TRENCH RESTORATION DETAIL, SHEET 38
- SOD OVER 4" TOPSOIL
- 2" BARK MULCH OVER 4" TOPSOIL
- 2" CSTC

BLOWUP SCALE: 1" = 5'

GENERAL NOTES

1. ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D-1 MMA UNLESS INDICATED OTHERWISE.
2. FURNISH AND INSTALL TEMPORARY PAVEMENT MARKINGS IMMEDIATELY FOLLOWING PAVING.
3. SEED, MULCH, AND FERTILIZE (HYDROSEED) OVER 4" COMPACTED DEPTH TOPSOIL IN ALL DISTURBED AREAS, EXCEPT AS NOTED ON THESE SHEETS OR AS DIRECTED BY THE CONTRACTING AGENCY.

CHANNELIZATION AND SIGNING NOTES:

1. FURNISH AND INSTALL PLASTIC STOP LINE.
2. INSTALL NEW SIGN(S) AND POST(S) PER DETAIL, SHEET 38.
3. RELOCATE EXISTING SIGN. FURNISH AND INSTALL NEW POST(S) AND HARDWARE. WASTEHAUL EXISTING POST(S) AND FOUNDATION.

RESTORATION NOTES:

1. INSTALL SINGLE TIMBER EDGING PER DETAIL, SHEET 37.
2. INSTALL STACKED TIMBER EDGING PER DETAIL, SHEET 37. MAX HEIGHT AS NOTED.
3. REMOVE AND WASTEHAUL PAVEMENT. FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTING AGENCY.
4. REMOVE AND WASTEHAUL EXISTING FENCE, INSTALL NEW 6" WOOD FENCE PER DETAIL, SHEET.
5. INSTALL CATCH BASIN BERM PER DETAIL, SHEET 38.

RIGHT-OF-WAY DISCLAIMER

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APPROVAL FOR CONSTRUCTION

BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

| No. | DATE | REVISION |
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| | | |

ISSUED FOR: BID PLAN SET

ISSUE DATE: JAN 2024

APPROVED BY: KWB

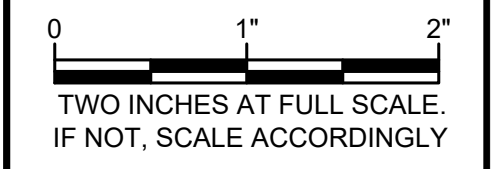
CHECKED BY: KWB

DRAWN BY: CJB

DESIGNER: CJB

G & O JOB NO.: 23445

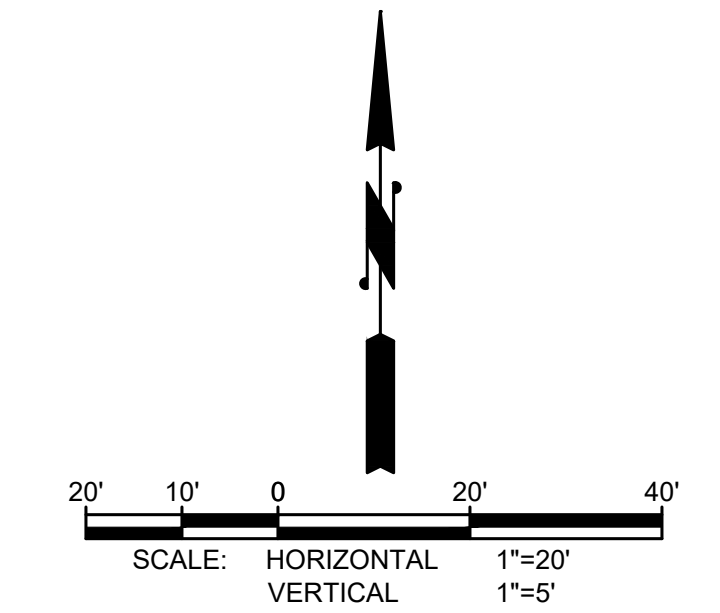
FILE: STORM P&P.DWG



CIVIL

**BID ADDITIVE - SALLYS
ALLEY PHASE 2
PLAN & PROFILE**

DRAWING: **36** OF: **40**

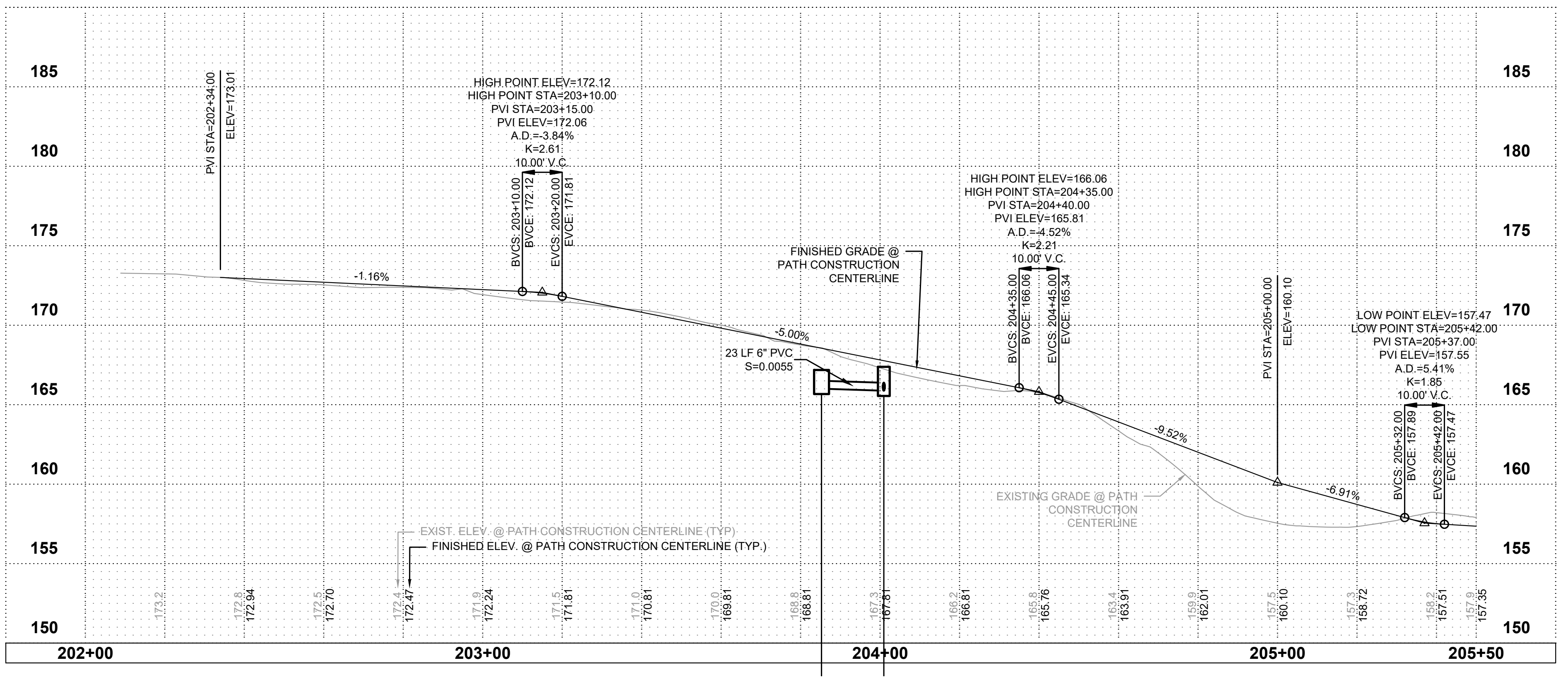
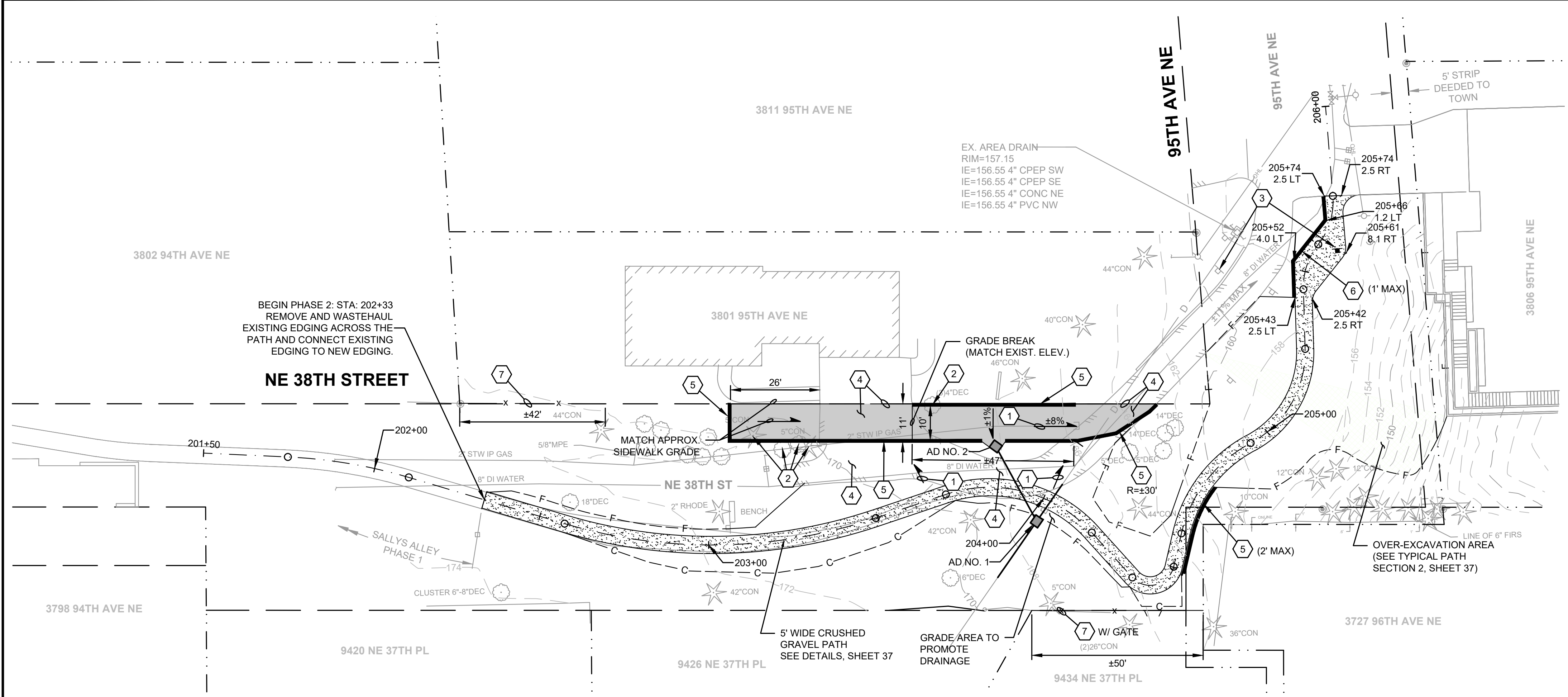


GENERAL NOTES

- RESTORE ALL DISTURBED SURFACES WITH SEEDING, FERTILIZING AND MULCHING OVER 4" SUITABLE NATIVE MATERIAL.
- CONTRACTOR SHALL MAINTAIN ACCESS 3801 95TH AVE NE AT ALL TIMES.
- CONTRACTOR SHALL NOT INSTALL STEEL EDGING WHERE THE TRAIL IS BORDERED BY TIMBER EDGING.
- PROTECT ALL TREES EXCEPT AS NOTED. CONTRACTOR SHALL NOTIFY CONTRACTING AGENCY PRIOR TO CUTTING ROOTS GREATER THAN 2" IN DIAMETER

CONSTRUCTION NOTES

- MAINTAIN CONSTANT GRADE.
- CLEAR AND GRUB EXISTING TREE.
- RELOCATE EXIST. SIGN. FURNISH AND INSTALL NEW POST, FOUNDATION AND HARDWARE IN-KIND. WASTEHAUL EXISTING POST AND FOUNDATION.
- SAWCUT AND REMOVE AND WASTEHAUL THE EXISTING ASPHALT (±2" DEPTH).
- INSTALL SINGLE TIMBER EDGING AT LIMITS OF ASPHALT. SEE DETAIL, SHEET 37.
- INSTALL STACKED TIMBER EDGING PER DETAIL, SHEET 37. (APPROX. HEIGHT NOTED.)
- INSTALL 6" WOOD FENCE PER DETAIL, SHEET 38.



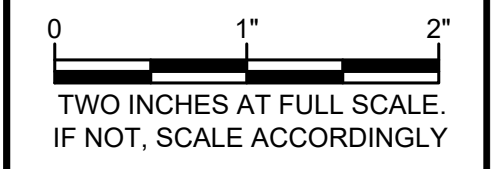
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APPROVAL FOR CONSTRUCTION
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

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| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | DETAILS.DWG |



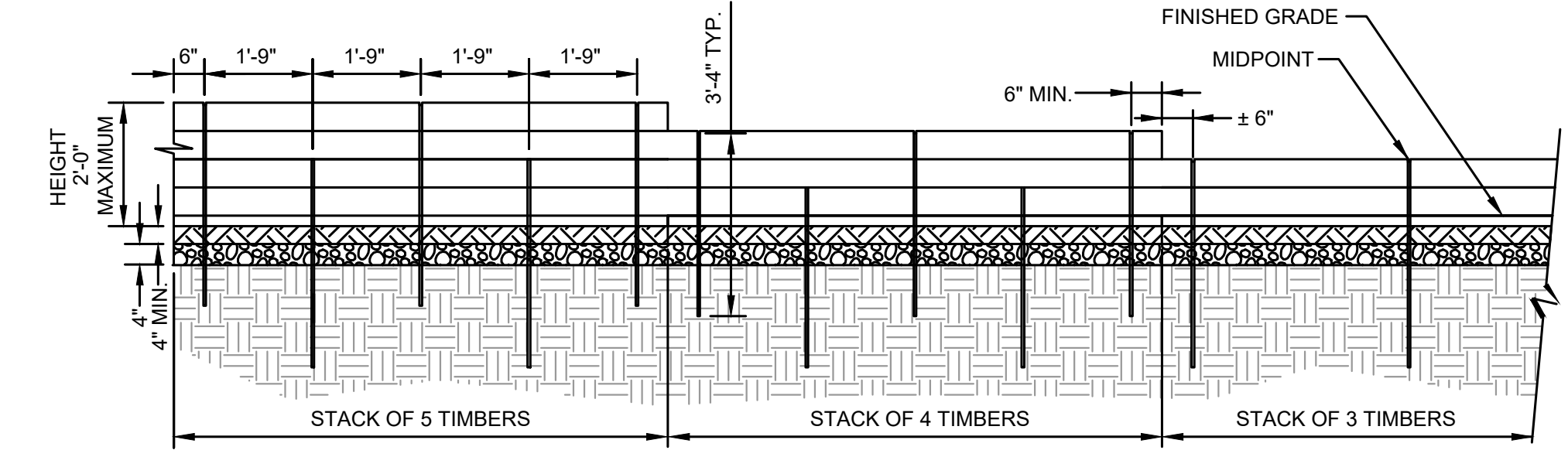
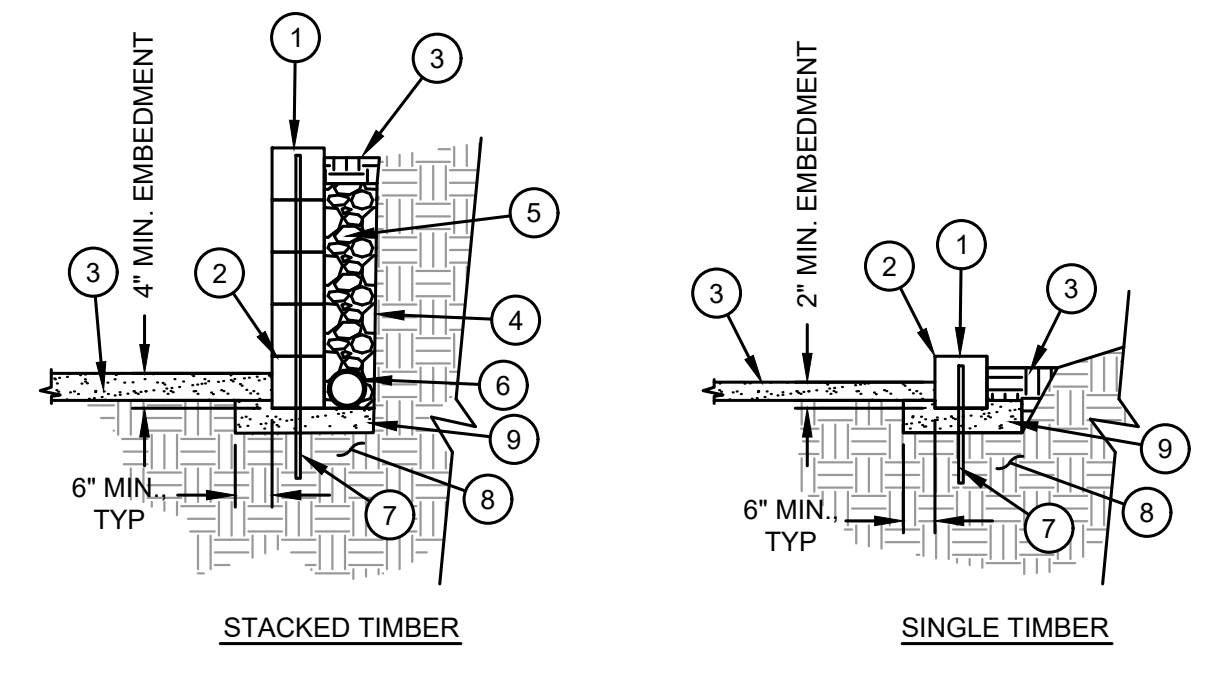
CIVIL

**CONSTRUCTION
DETAILS**

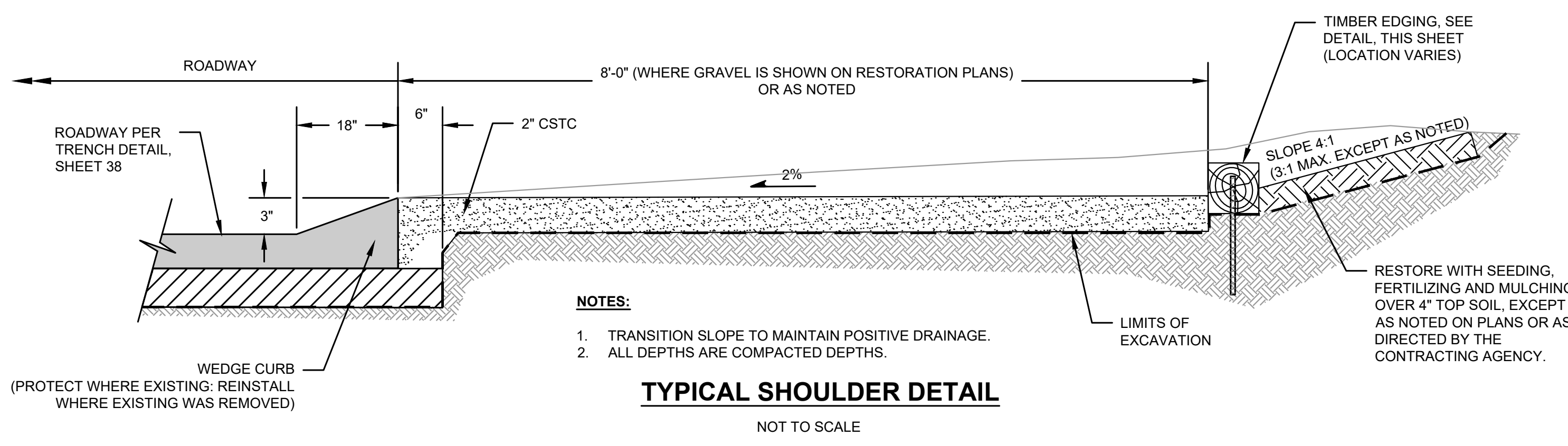
DRAWING: **37** OF: **40**

- ① COUNTERSINK REBAR AND FILL HOLE WITH ACRYLIC CAULK, 1/2" DEEP
- ② LANDSCAPE TIMBER (5 1/2" x 5 1/2")
- ③ SEE RESTORATION SHEETS 28 - 35.
- ④ FILTER GEOTEXTILE FABRIC SHALL BE MODERATE SURVIVABILITY CLASS A PER SECTION 9-33.1 OF THE WSDOT STANDARD SPECIFICATIONS.FABRIC
- ⑤ GRAVEL BACKFILL FOR DRAINS
- ⑥ PERFORATED 4" DRAIN PIPE, DAYLIGHT AT END OF TIMBER EDGING
- ⑦ #5 REBAR, 3'-4" LONG
- ⑧ COMPACTED SUBGRADE
- ⑨ 4" CSTC LEVELING PAD

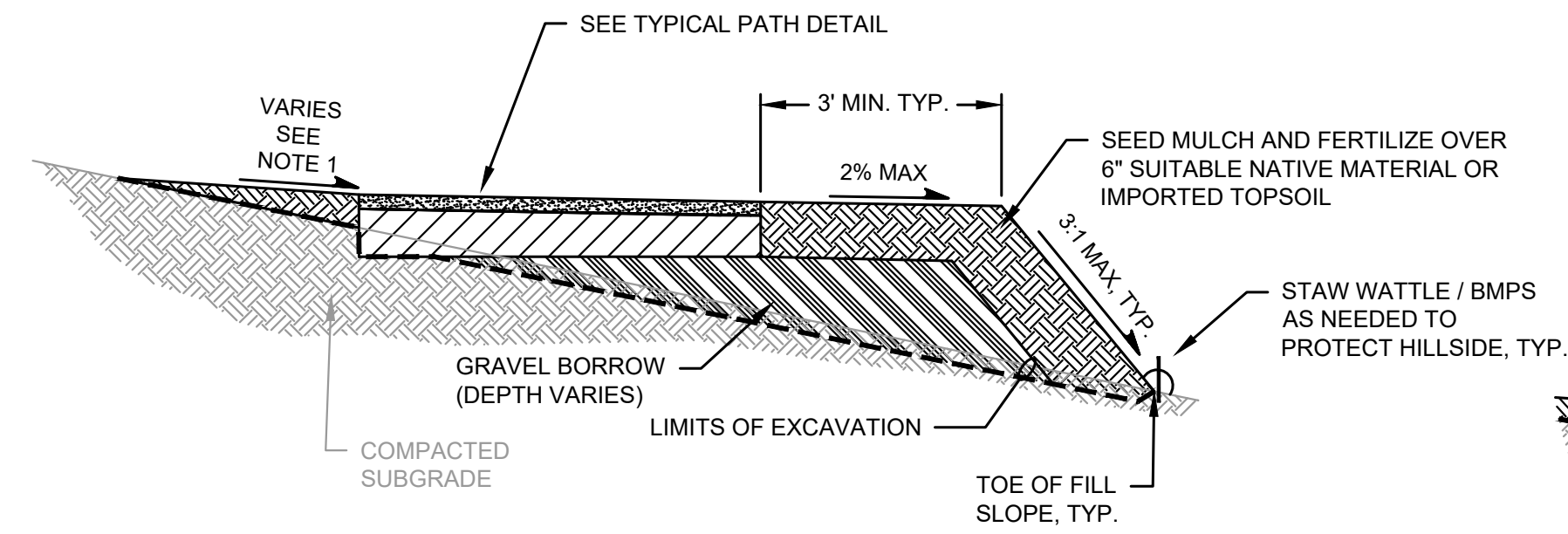
- NOTES:
1. HEIGHT SHALL BE 4" (SINGLE TIMBER) EXCEPT AS NOTED ON THE PLAN. HEIGHT OF TIMBER EDGE WILL VARY BASED ON FIELD CONDITIONS. MAINTAIN 2" MIN. ABOVE FINISH GRADE AT BACK OF TIMBER EDGING.
 2. PLACE 5 REBAR AS SHOWN WHEN 4 OR MORE TIMBERS ARE STACKED. PLACE 3 REBAR WHEN 1-3 TIMBERS ARE STACKED.
 3. STAGGER VERTICAL JOINTS, MIN. 6" OVERLAP BETWEEN LEVELS.
 4. ALL DEPTHS ARE COMPACTED DEPTHS.



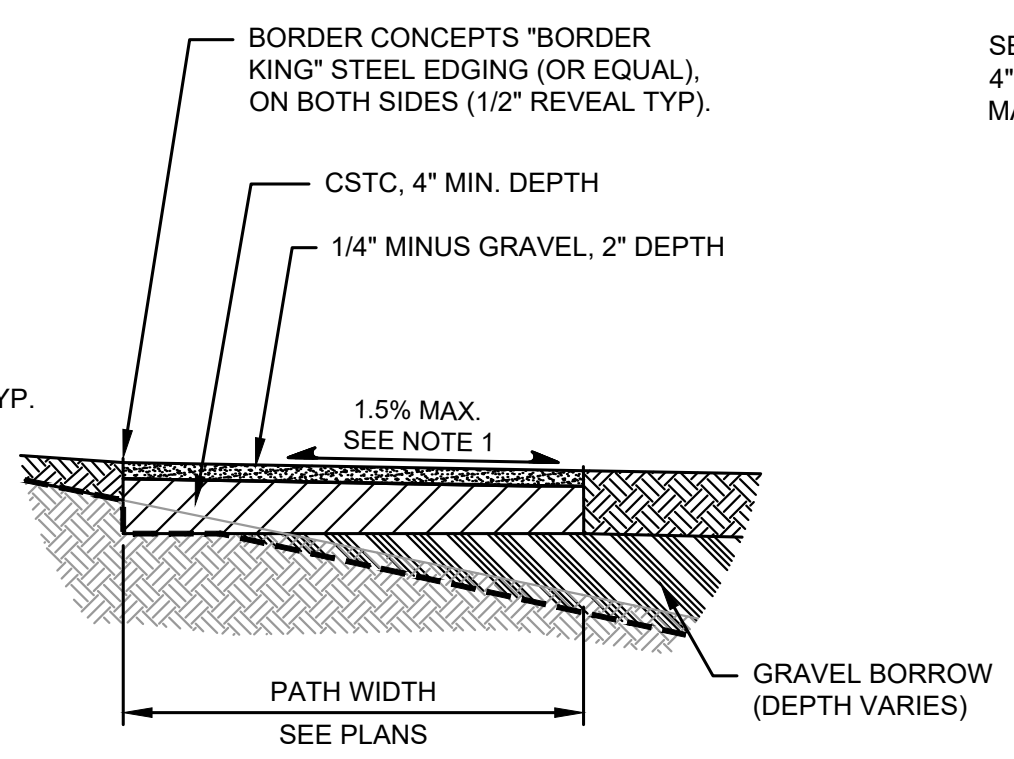
TIMBER EDGING
NOT TO SCALE



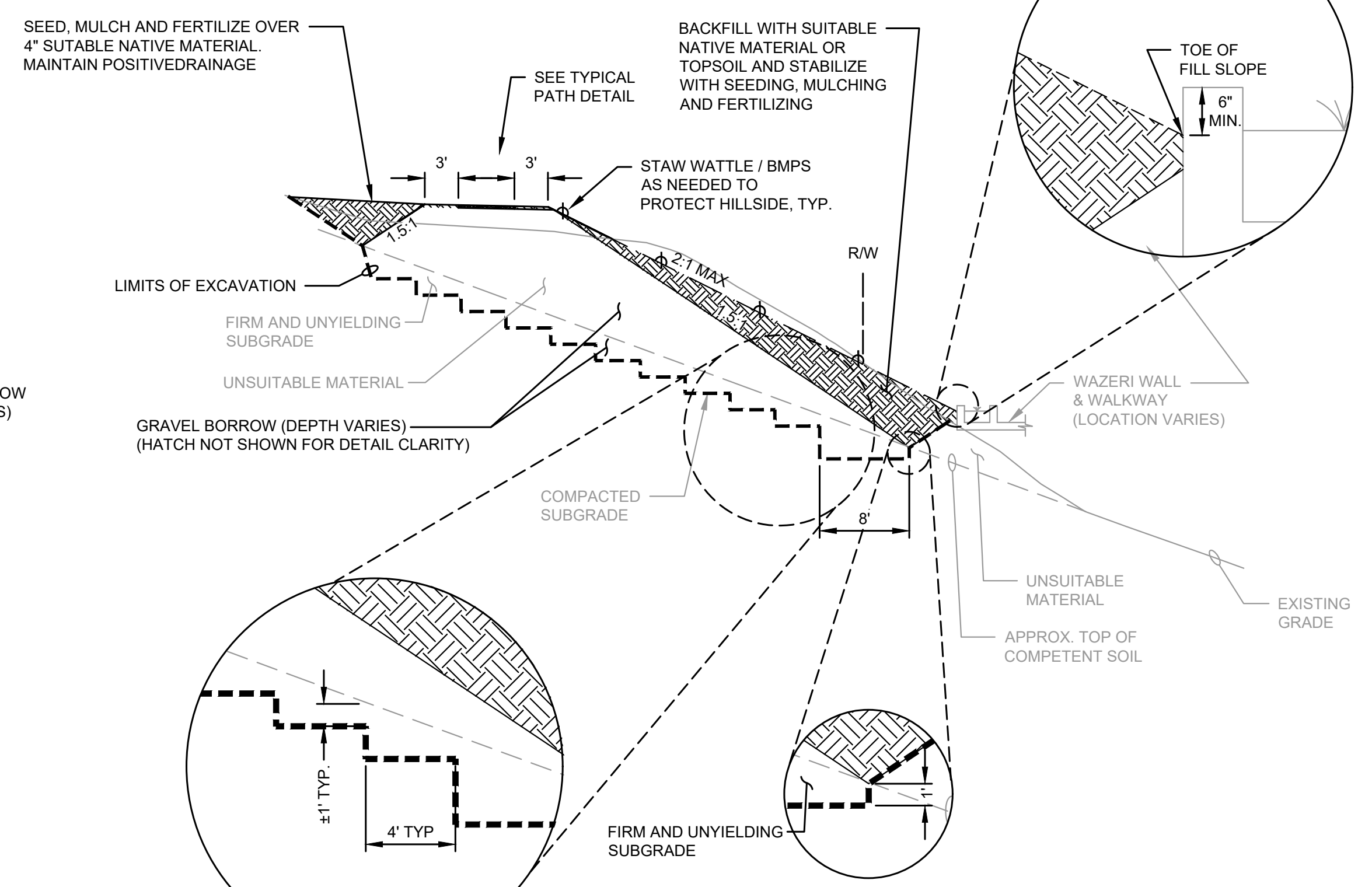
TYPICAL SHOULDER DETAIL
NOT TO SCALE



TYPICAL PATH SECTION 1
NOT TO SCALE
APPROX. STATION 204+33 TO STATION 204+90
& APPROX. STATION 205+00 TO STATION 205+48



TYPICAL PATH DETAIL
NOT TO SCALE

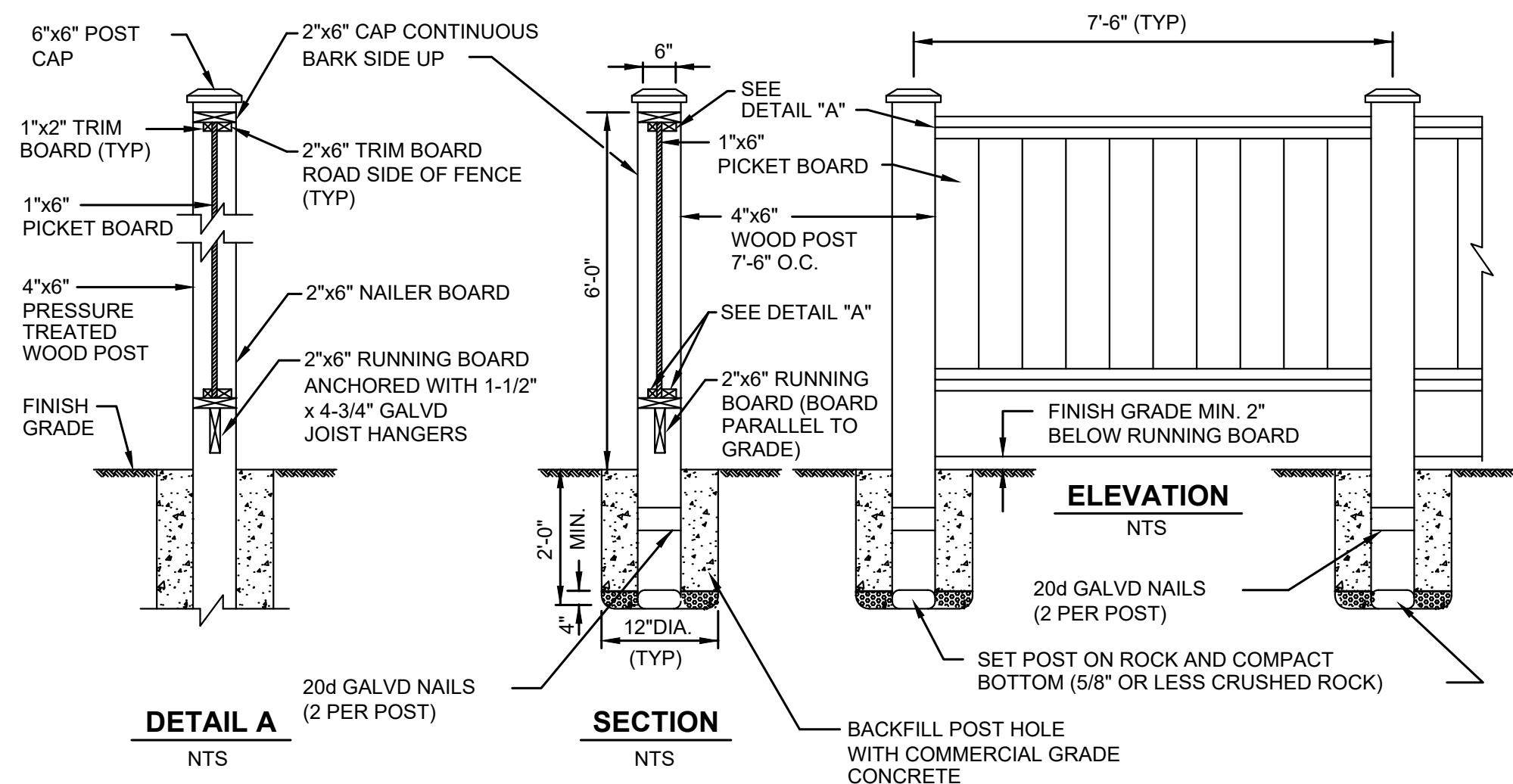


TYPICAL PATH SECTION 2
NOT TO SCALE
APPROX. STATION 205+10 TO STATION 205+20

APPROVAL FOR CONSTRUCTION
BY: David Schuster
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

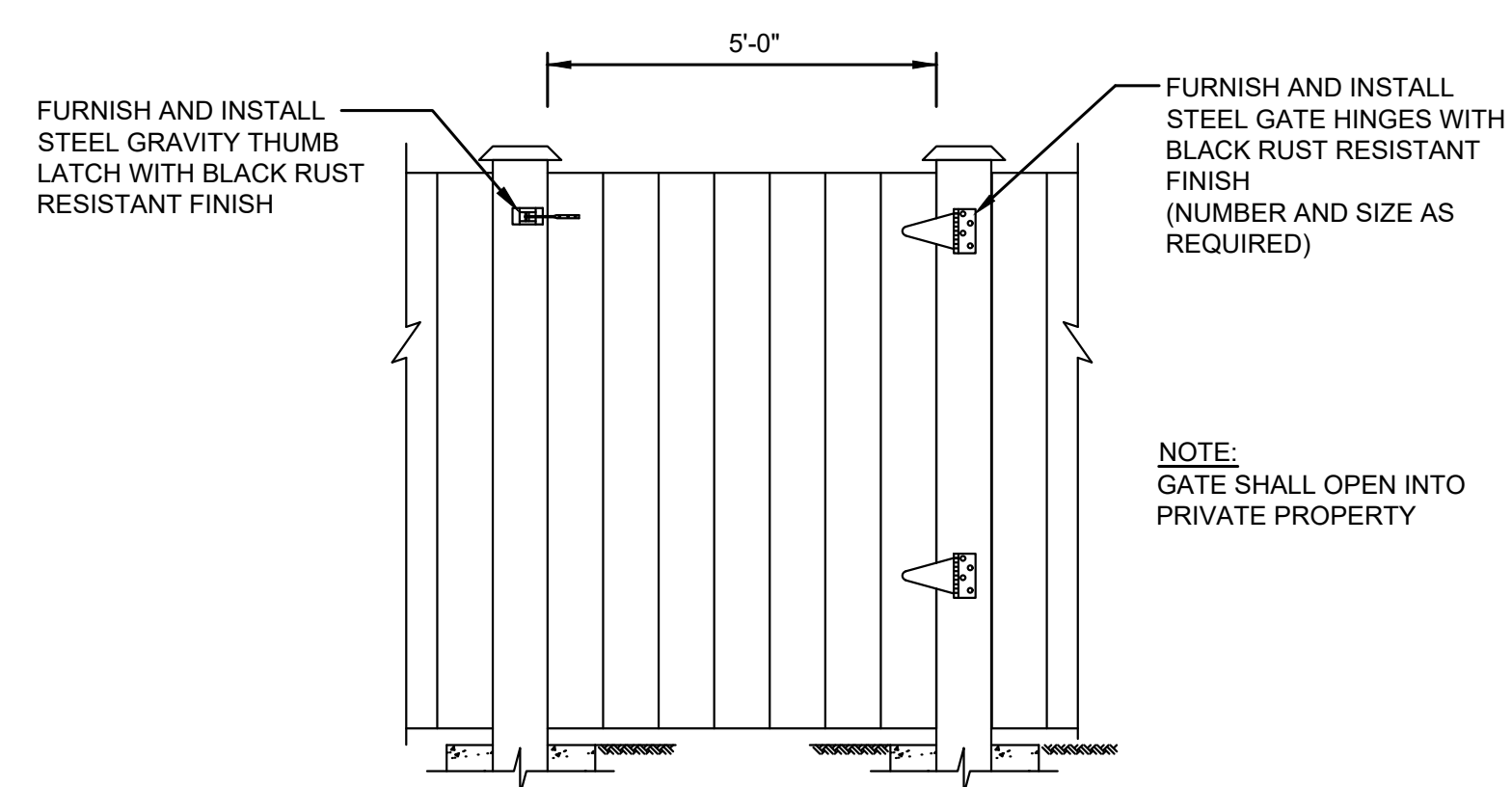
M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\CH\DETAILS.dwg, 1/31/2024, 1:02 PM, CHRIS BACON

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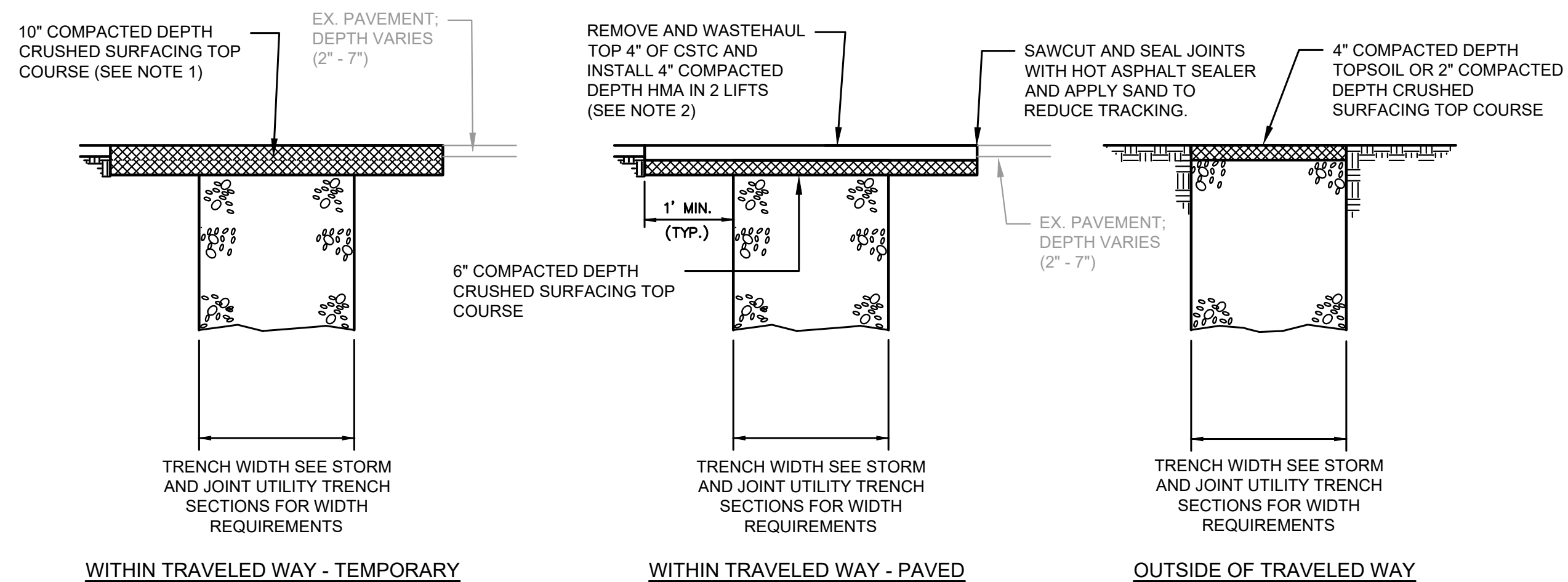
DETAIL A
NTS

SECTION
NTS



GATE DETAIL
NTS

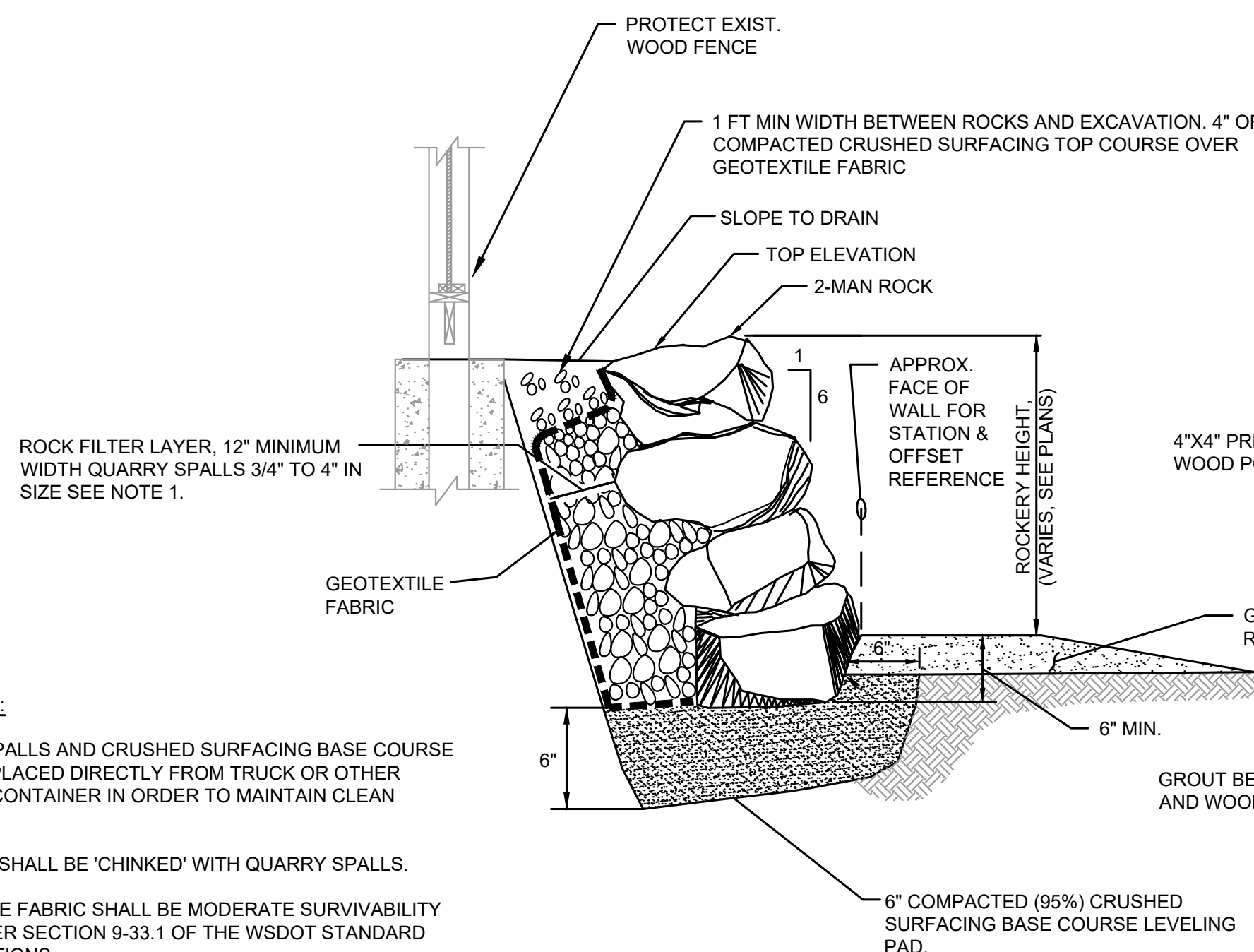
WOOD FENCE DETAIL
NOT TO SCALE



NOTES:

- CONTRACTOR SHALL MAINTAIN THE GRAVEL SURFACE. TO INCLUDE, BUT NOT LIMITED TO FILLING POTHOLES WITH ADDITIONAL GRAVEL, RECOMPACTING, AND WATERING FOR DUST CONTROL.
- REMAINING ROCK SHALL BE RECOMPACTED PRIOR TO INSTALLING HMA.

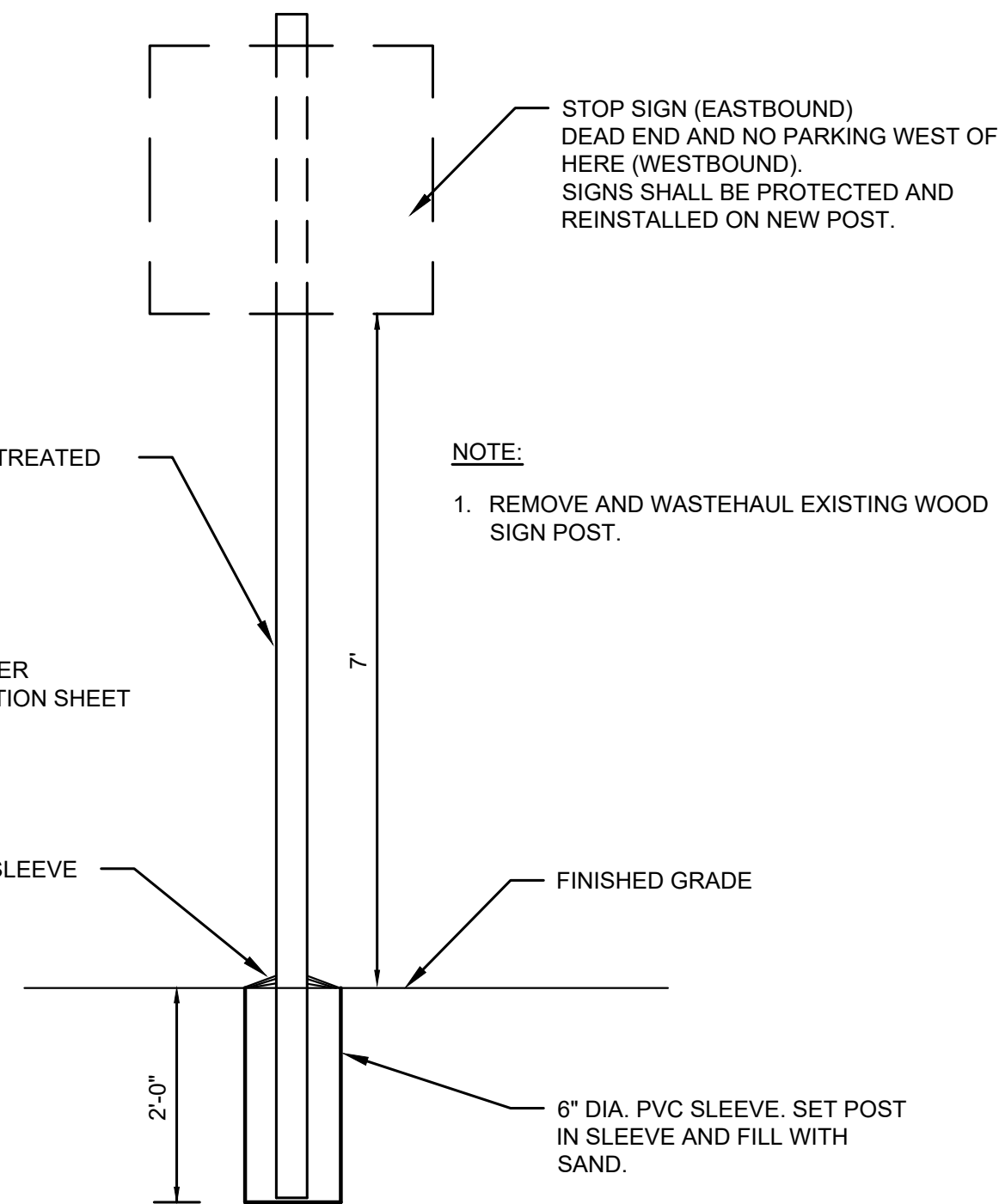
TRENCH RESTORATION DETAIL
NOT TO SCALE



ROCK WALL DETAIL
NOT TO SCALE

GENERAL NOTES:

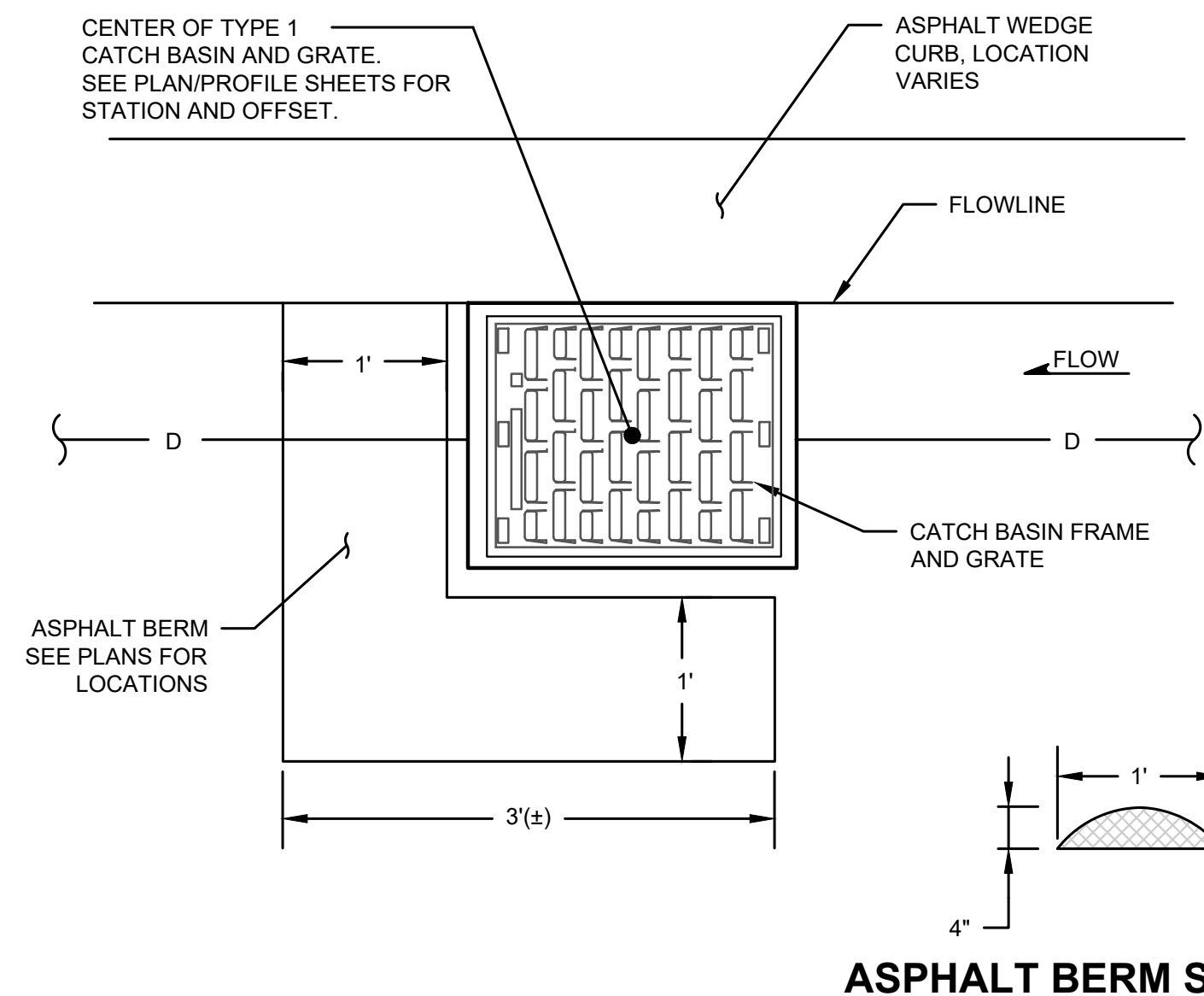
- QUARRY SPALLS AND CRUSHED SURFACING BASE COURSE SHALL BE PLACED DIRECTLY FROM TRUCK OR OTHER SUITABLE CONTAINER IN ORDER TO MAINTAIN CLEAN BACKFILL.
- OPENINGS SHALL BE 'CHINKED' WITH QUARRY SPALLS.
- GEOTEXTILE FABRIC SHALL BE MODERATE SURVIVABILITY CLASS A PER SECTION 9-33.1 OF THE WSDOT STANDARD SPECIFICATIONS.



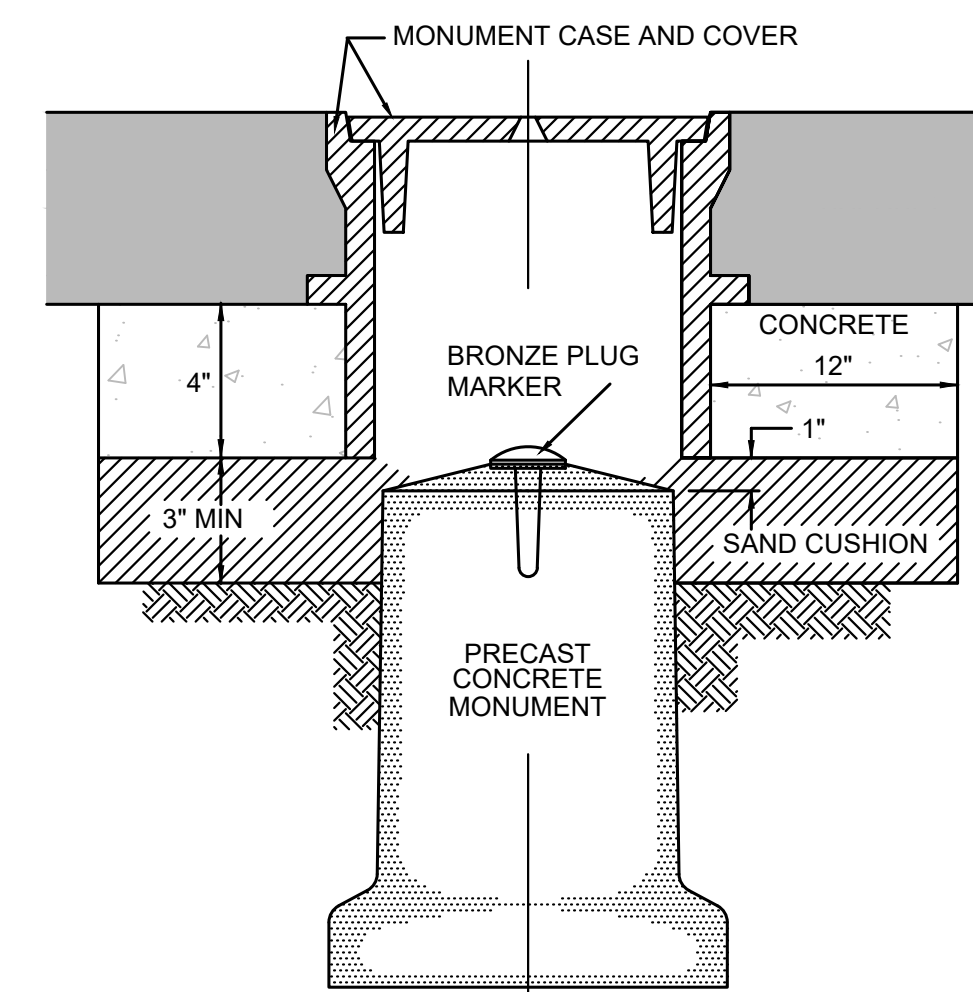
SIGN INSTALLATION DETAIL
NOT TO SCALE

NOTE:

- REMOVE AND WASTEHAUL EXISTING WOOD SIGN POST.



CATCH BASIN BERM DETAIL
NOT TO SCALE



NOTE:

- CONTRACTOR SHALL FURNISH & INSTALL THE PRECAST MONUMENT, BRASS PLUG MARKER, CASE AND COVER.
- THE CONTRACTOR SHALL PROVIDE THE NECESSARY SURVEY REQUIRED TO SET AND "PUNCH" THE MONUMENT.
- THE CONTRACTOR SHALL BE REQUIRED TO PREPARE AND SUBMIT ALL PERMITS REQUIRED WHEN AN EXISTING MONUMENT IS REMOVED AND/OR DESTROYED.

CASED MONUMENT DETAIL
NOT TO SCALE

APPROVAL FOR CONSTRUCTION
BY: David Schuster
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

TOWN OF
YARROW POINT



TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND
UGC PROJECT

| No. | DATE | REVISION |
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| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: DETAILS.DWG | | |

0 1" 2"
TWO INCHES AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

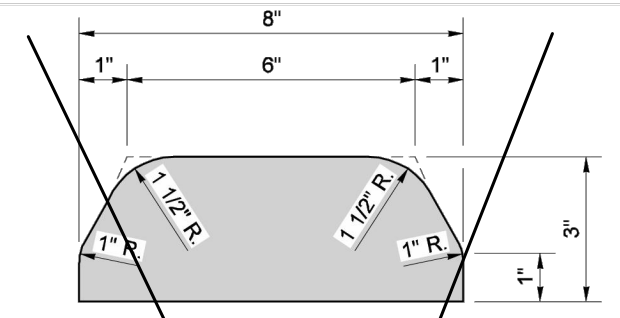
CIVIL

**CONSTRUCTION
DETAILS**

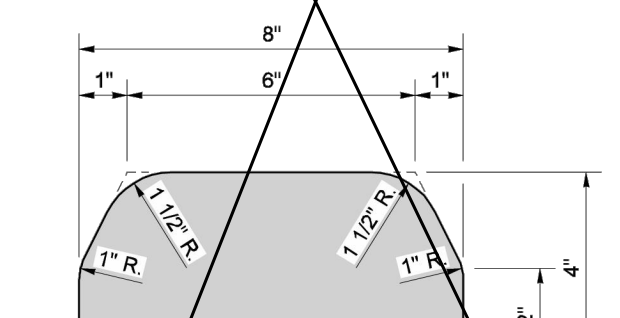
DRAWING: **38** OF: **40**

M:\Yarrow Point\23445.00 Town Wide Storm and UGC\01 Design\PLANSET\Civil\DETAILS.dwg, 1/31/2024, 10:30 AM, CHRIS BACON

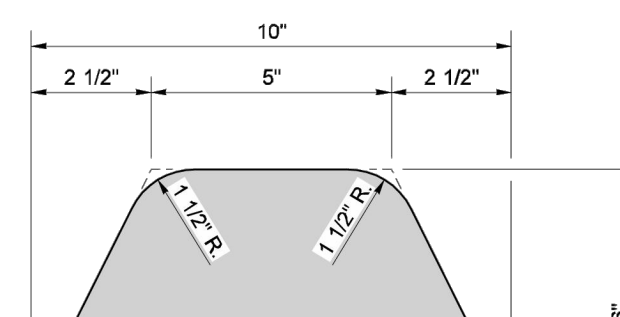
DRAWN BY: BILL BERENS



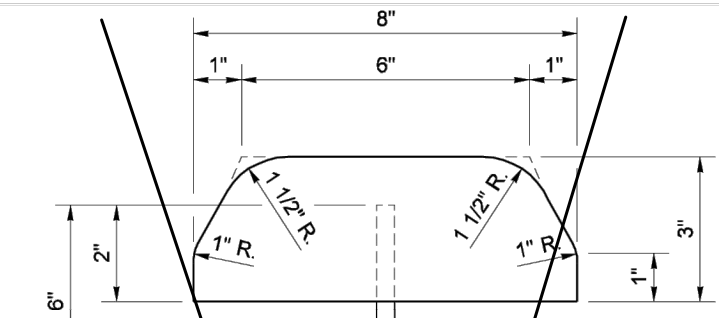
TYPE 1
(HOT MIX ASPHALT)



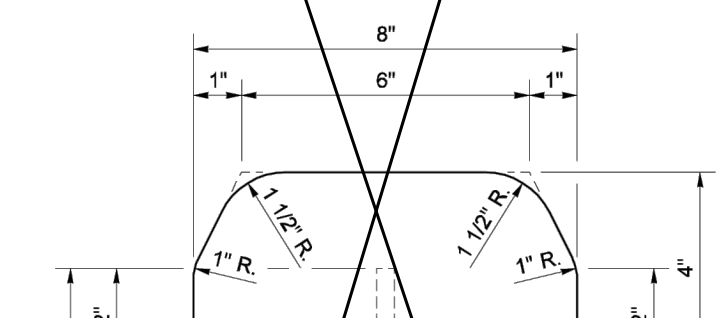
TYPE 2
(HOT MIX ASPHALT)



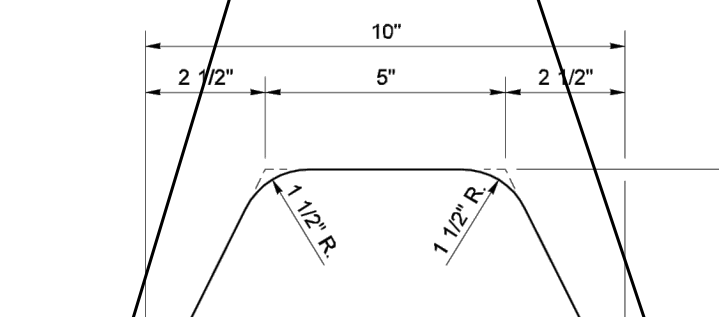
TYPE 3
(HOT MIX ASPHALT)



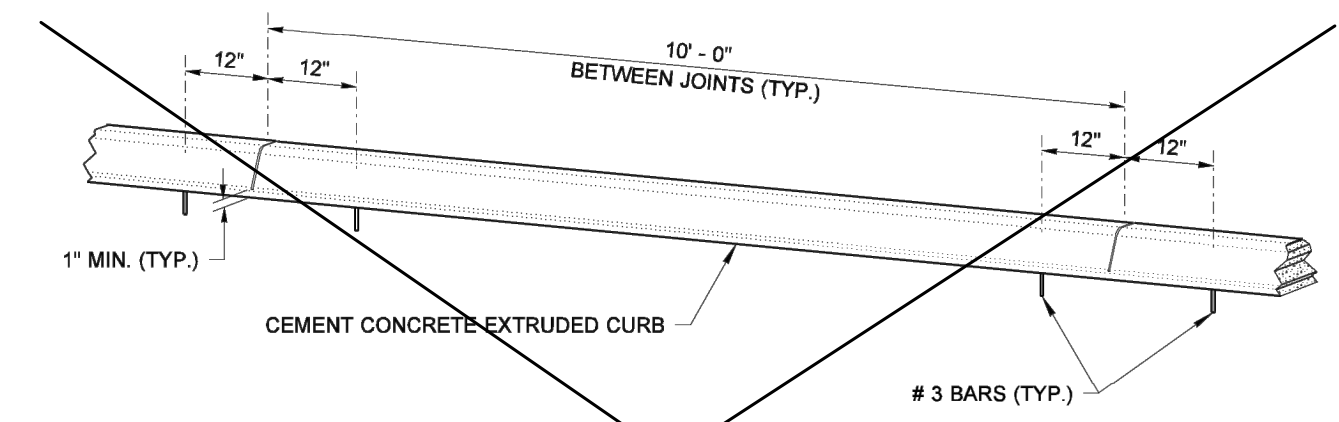
TYPE 4
(CEMENT CONCRETE)



TYPE 5
(CEMENT CONCRETE)



TYPE 6
(CEMENT CONCRETE)



SPACING OF ANCHOR BARS
(FOR TYPES 4, 5, AND 6)

NOTE
JOINTS MAY BE FORMED DURING INSTALLATION USING A RIGID DIVIDER OR SAWCUT AFTER CONCRETE CURES TO MINIMUM STRENGTH.

MODIFIED
EXTRUDED CURB
STANDARD PLAN F-10.42-00
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Ken L. Smith 01-23-07
STATE DESIGN ENGINEER DATE
Washington State Department of Transportation

Gray & Osborne, Inc.
CONSULTING ENGINEERS
3710 168TH STREET NORTHEAST,
BUILDING B, SUITE 210
ARLINGTON, WA 98223
(360) 454-5490

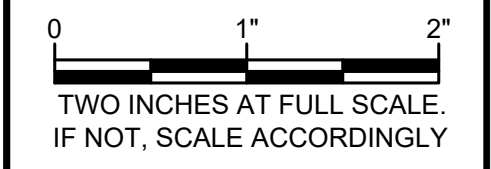
TOWN OF
YARROW POINT



TOWN OF
YARROW POINT

TOWN WIDE
STORMWATER AND
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| DESIGNER: CJB | | |
| G & O JOB NO.: 23445 | | |
| FILE: DETAILS.DWG | | |

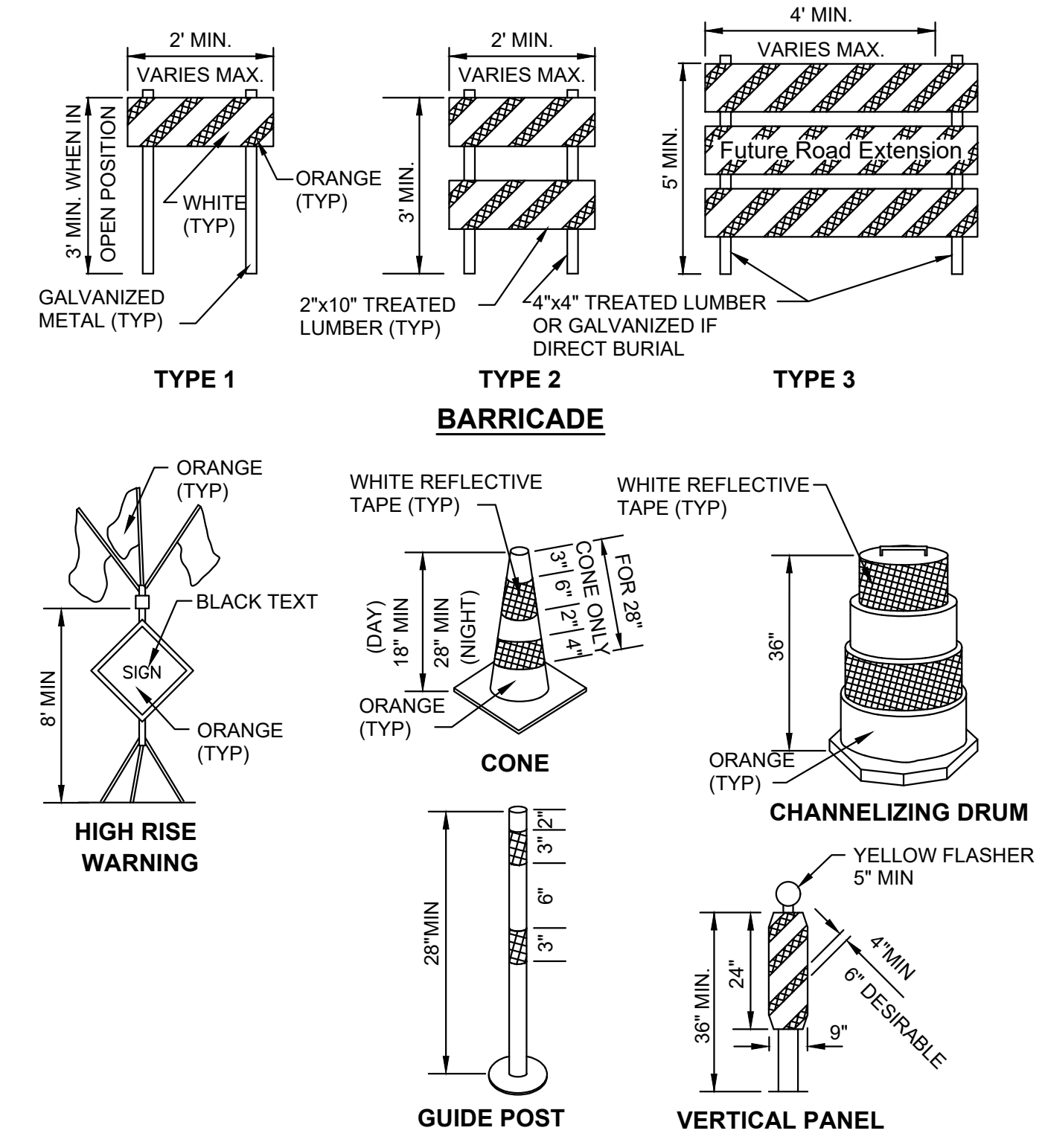


CIVIL

**CONSTRUCTION
DETAILS**

DRAWING: **39** OF: **40**

APPROVAL FOR CONSTRUCTION
David Schuster
BY: TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025



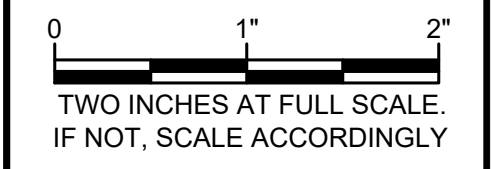
TRAFFIC CONTROL DEVICES
NTS

GENERAL TRAFFIC CONTROL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL, IN ACCORDANCE WITH MUTCD AND PRIOR TO DISRUPTION OF ANY TRAFFIC. TRAFFIC CONTROL PLANS SHALL BE PREPARED AND SUBMITTED TO THE CONTRACTING AGENCY FOR APPROVAL. NO WORK THAT DISRUPTS TRAFFIC SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
- APPROPRIATE METHODS OF PEDESTRIAN AND VEHICULAR TRAFFIC CONTROL, INCLUDING FLAGGERS, SHALL BE EMPLOYED BY THE CONTRACTOR TO THE EXTENT DEEMED NECESSARY BY THE TRAFFIC CONTROL SUPERVISOR AND AS REQUIRED BY THE CONTRACTING AGENCY TO PROTECT WORKERS OR THIRD PARTIES.
- CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES TO EACH BUSINESS/RESIDENCE. PEDESTRIAN ROUTES INCLUDING NECESSARY SIGNAGE AND DELINEATION SHALL BE NOTED ON DETAILED TRAFFIC CONTROL PLANS PREPARED BY CONTRACTOR.
- CONTRACTOR SHALL COORDINATE ACCESS FOR SERVICES INCLUDING, BUT NOT LIMITED TO, MAIL DELIVERY, TRASH PICKUP, BUSINESS DELIVERIES/PICKUPS AND ANY SPECIAL TRANSPORTATION SERVICES. CONTRACTOR SHALL COORDINATE WITH BUSINESSES TO ENSURE ALL DELIVERIES AND GARBAGE PICK-UP IS MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
- THE CONTRACTOR AND/OR HIS AGENTS SHALL NOT PARK IN ANY BUSINESS PARKING LOTS WITHOUT WRITTEN PERMISSION FROM THE PROPERTY OWNER.
- THE CONTRACTOR SHALL MAINTAIN MIN. 10' WIDE DRIVEWAY ACCESS TO ALL PROPERTIES UNLESS APPROVED OTHERWISE. THE CONTRACTOR SHALL COORDINATE ALL TEMPORARY CLOSURES WITH THE CONTRACTING AGENCY AND AFFECTED PROPERTY/BUSINESS OWNER PRIOR TO IMPLEMENTING CLOSURE.
- CONTRACTOR SHALL COVER OPEN TRENCHES WITH STEEL PLATES DURING NON-WORKING HOURS AS REQUIRED AND/OR DIRECTED.

| No. | DATE | REVISION |
|-----|------|----------|
|-----|------|----------|

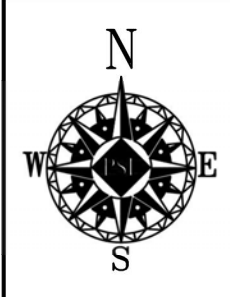
| | |
|----------------|--------------|
| ISSUED FOR: | BID PLAN SET |
| ISSUE DATE: | JAN 2024 |
| APPROVED BY: | KWB |
| CHECKED BY: | KWB |
| DRAWN BY: | CJB |
| DESIGNER: | CJB |
| G & O JOB NO.: | 23445 |
| FILE: | DETAILS.DWG |



CIVIL

**CONSTRUCTION
DETAILS**

APPROVAL FOR CONSTRUCTION
BY: Stan Schuster
TOWN OF YARROW POINT
DATE: JANUARY 2024
APPROVAL EXPIRES: JANUARY 2025

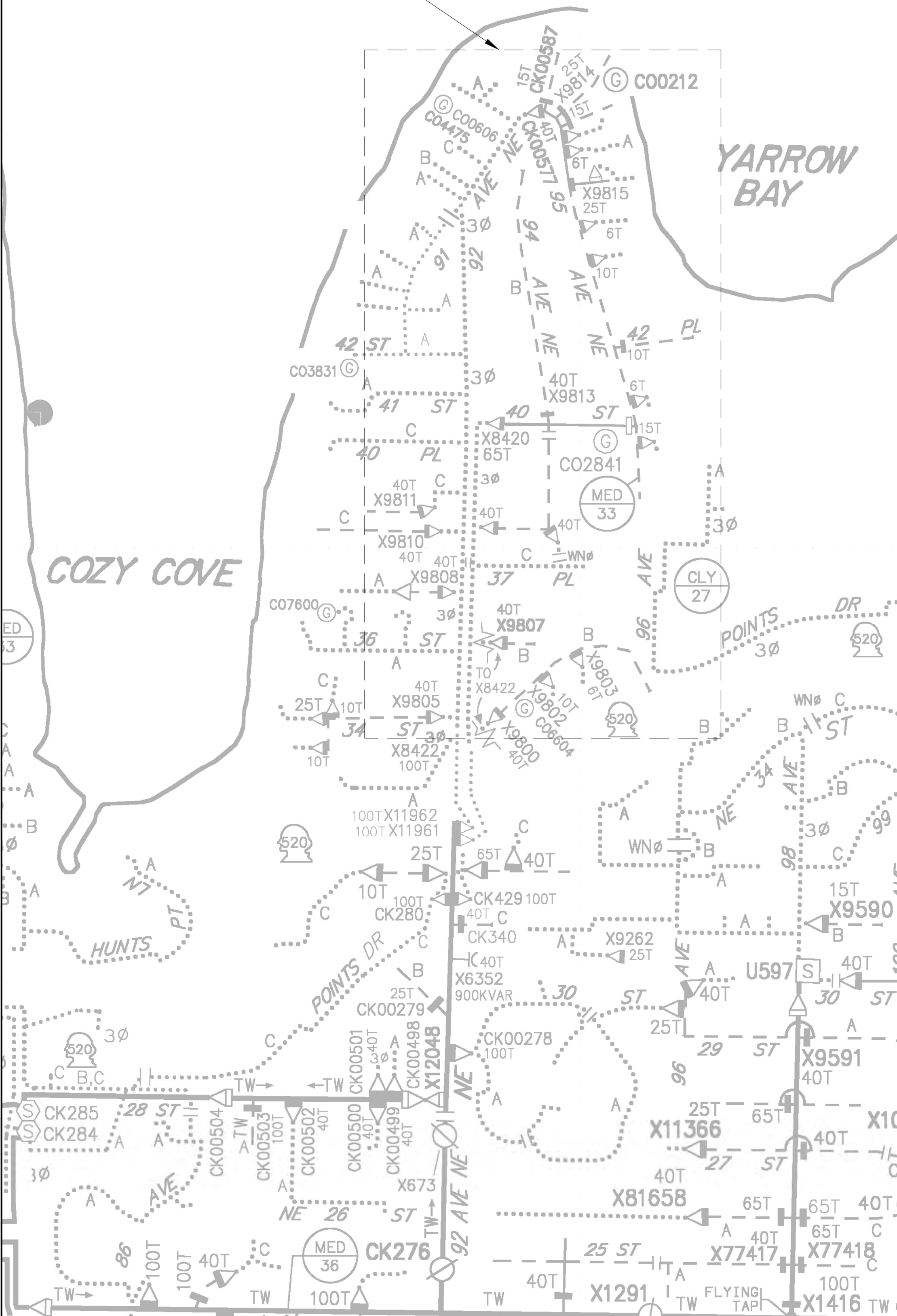


JOB SITE

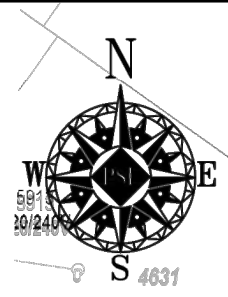
YARROW POINT

YARROW BAY

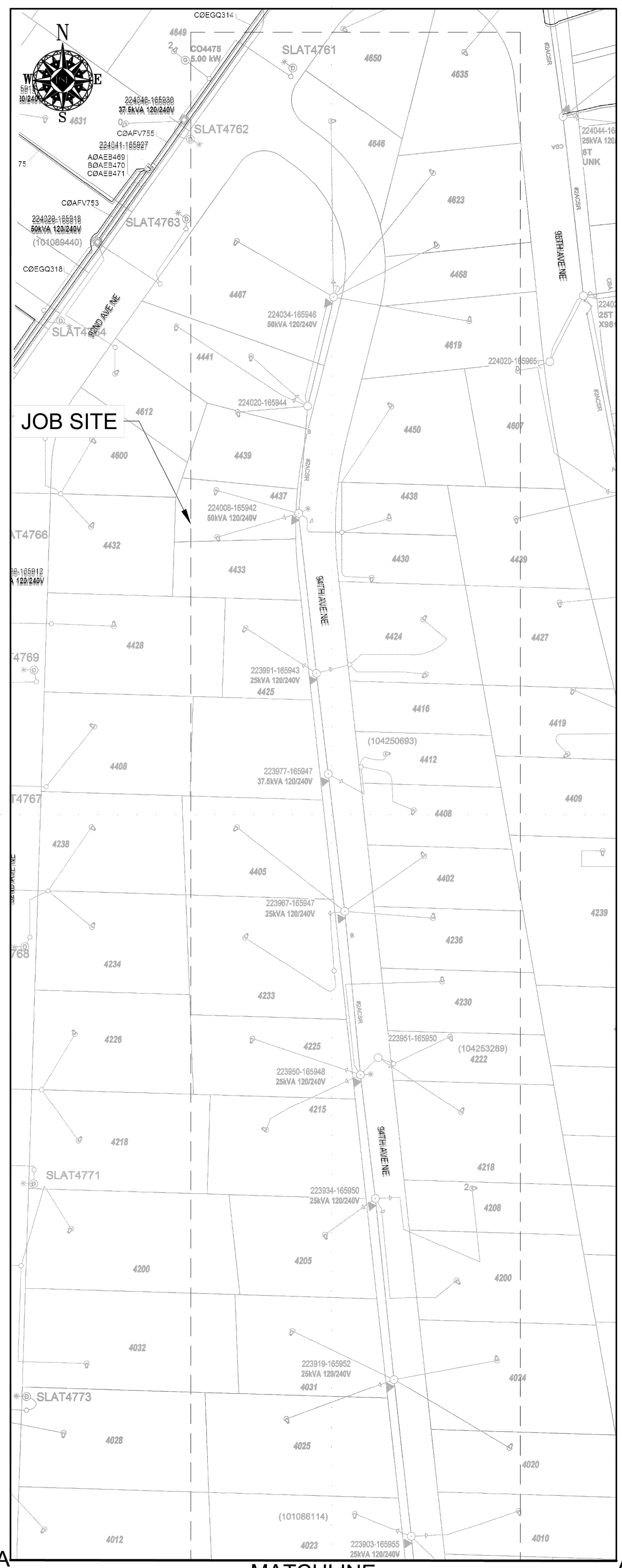
COZY COVE



OVERHEAD CIRCUIT MAP
SCALE: NONE

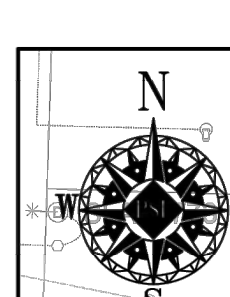


JOB SITE



UNDERGROUND & UNIVERSAL CIRCUIT MAP
SCALE: NONE

MATCHLINE

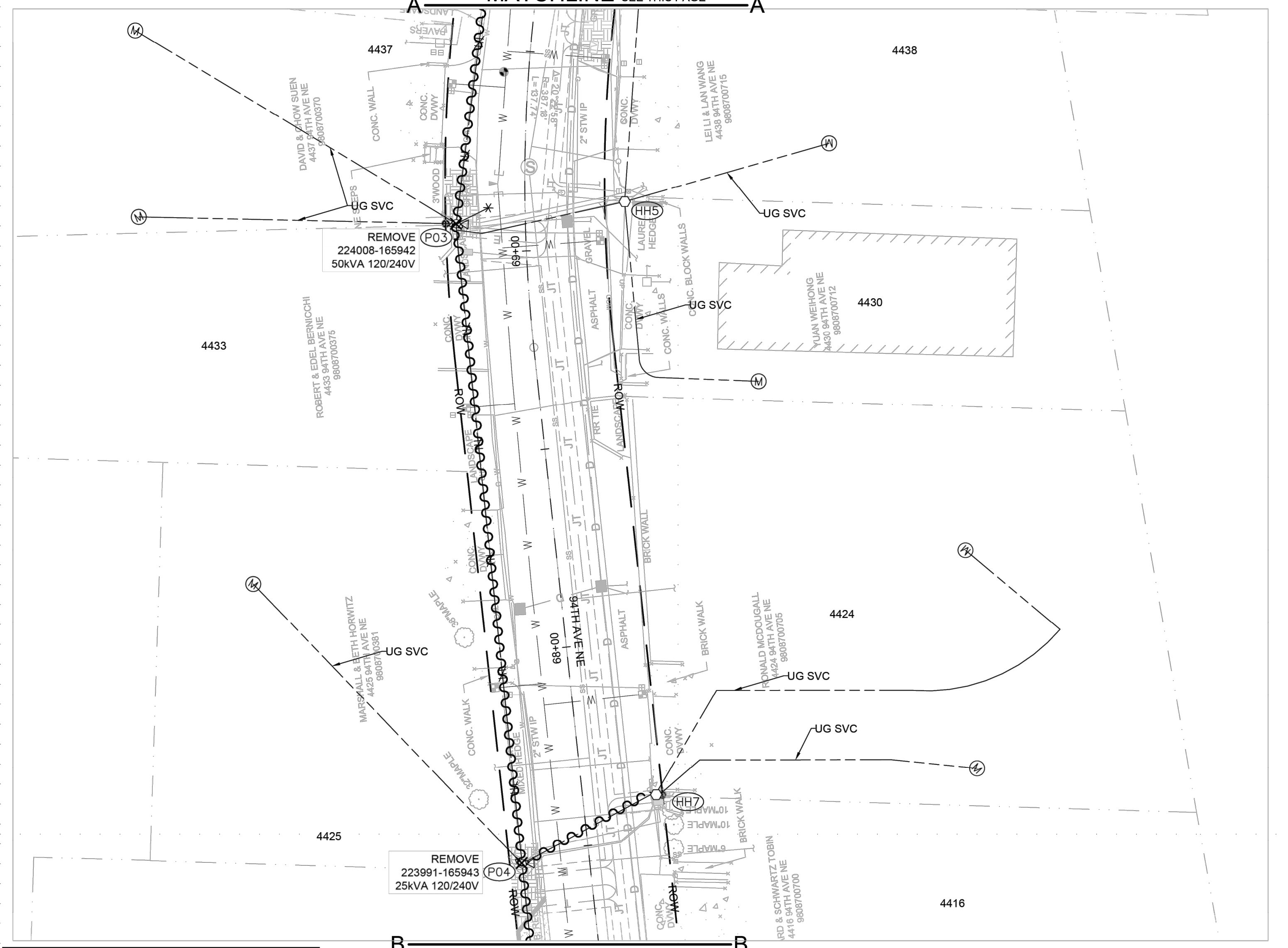
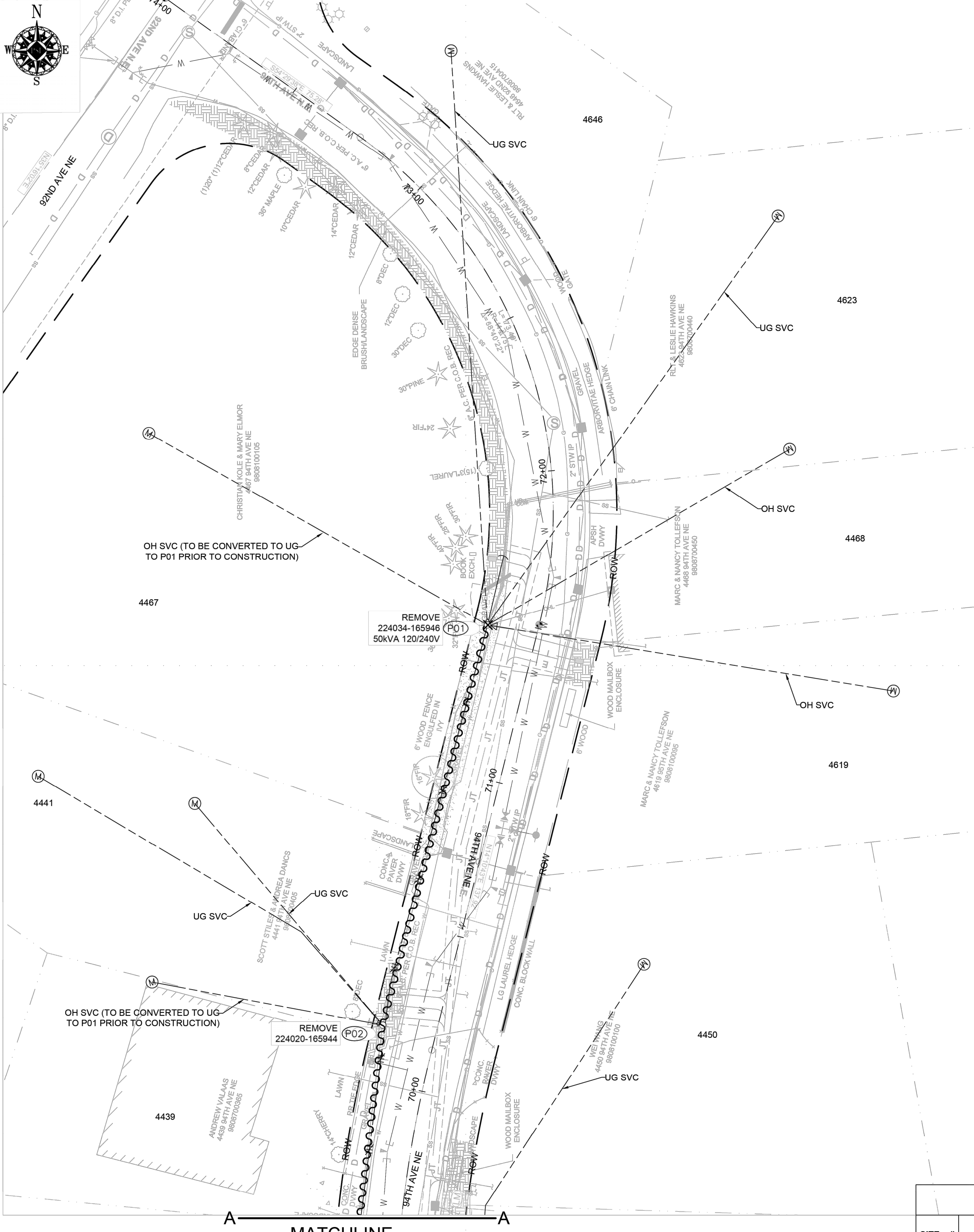


JOB SITE



| | | REAL ESTATE/EASEMENT | | PERMIT | |
|-------------------------------|----------------|----------------------|-------------|---------------------------------------|--------------|
| | | N/A | | YARROW POINT | |
| 3 | | FUNCTION | CONTACT | PHONE NO | DATE |
| 2 | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 |
| 1 | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 |
| REV# | DATE | BY | DESCRIPTION | ENGR - GAS | N/A |
| COUNTY | KING | Emer Sect | Gas Wk Ctr | POWER WK CTR | CSPFEPI |
| | | N/A | N/A | N/A | N/A |
| 1/4 SEC | S18, 19 25 05E | OP MAP | N/A | PLAT MAP | N/A |
| U-MAP NO (POWER) | A2505E072.73 | OH CKT MAP | D2505E076 | UG CKT MAP | R2505E072.73 |
| | | | | CIRCUIT NO | MED-33 |
| | | | | FOREMAN #1 | |
| | | | | FOREMAN #2 | |
| | | | | MAPPING | |
| JOINT FACILITIES ARRANGEMENTS | | | | | |
| UTILITIES | N/A | N/A | N/A | N/A | N/A |
| CONTACT | N/A | N/A | N/A | N/A | N/A |
| PHONE# | N/A | N/A | N/A | N/A | N/A |
| PSE | | PUGET SOUND ENERGY | | 94TH AVE NE YARROW POINT | |
| | | | | SCHEDULE 74 | |
| | | | | 4467 94TH AVE NE, YARROW POINT, 98004 | |
| | | | | DRAWING: PSE 2 | |
| INCIDENT | N/A | MAOP | N/A | | |
| Gas Order | N/A | Elect Order | N/A | | |
| SCALE | AS NOTED | PAGE | 21 | | |

101149280



TRANSFORMER REMOVAL
 Removed at site: P01
 Grid Number: 224034-165946
 kVA Rating: 50kVA 120/240V
 Foreman to reline the following information
 Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage _____

TRANSFORMER REMOVAL
 Removed at site: P03
 Grid Number: 224008-165942
 kVA Rating: 50kVA 120/240V
 Foreman to reline the following information
 Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage _____

TRANSFORMER REMOVAL
 Removed at site: P04
 Grid Number: 223991-165943
 kVA Rating: 25kVA 120/240V
 Foreman to reline the following information
 Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage _____

MATCHLINE SEE PAGE 4 / 18

SITE NOTES

- AT P01**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- AT P02**
REMOVE DISTRIBUTION POLE
- AT P03**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
REMOVE STREETLIGHT
- AT P04**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- P01 - P02**
REMOVE OH PRIMARY CONDUCTOR
- P02 - P03**
REMOVE OH PRIMARY CONDUCTOR
- P03 - P04**
REMOVE OH PRIMARY CONDUCTOR

WIRE REMOVAL TABLE

| Location | From | To | Wire Size & Type | Quantity | Length (Circuit FT) | Remarks |
|----------|------|-----|------------------|---|---------------------|---------|
| | P01 | P02 | #2 ACSR/NEUT | 2 | 130 | |
| | P02 | P03 | #2 ACSR/NEUT | 2 | 115 | |
| | P02 | P04 | #2 ACSR/NEUT | 2 | 165 | |
| | | | | Total Feet 410 (#2 ACSR) ACTUAL _____ Removed | | |
| | | | | Total Feet 410 (NEUT) ACTUAL _____ Removed | | |

POLE RETIREMENT TABLE

| SITE # | POLE DATA | | | | | | TEMP TRANSFERS | | | ST. LIGHT TRANSFERS | | |
|--------|---------------|--------|-------|------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|
| | GRID # | HEIGHT | CLASS | YEAR | TOPPED | RMVD | TEL | TV | FIBER | TRAN | RMVD | ID NUMBER |
| P01 | 224034-165946 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P02 | 224020-165944 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P03 | 224008-165942 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P04 | 223991-165943 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

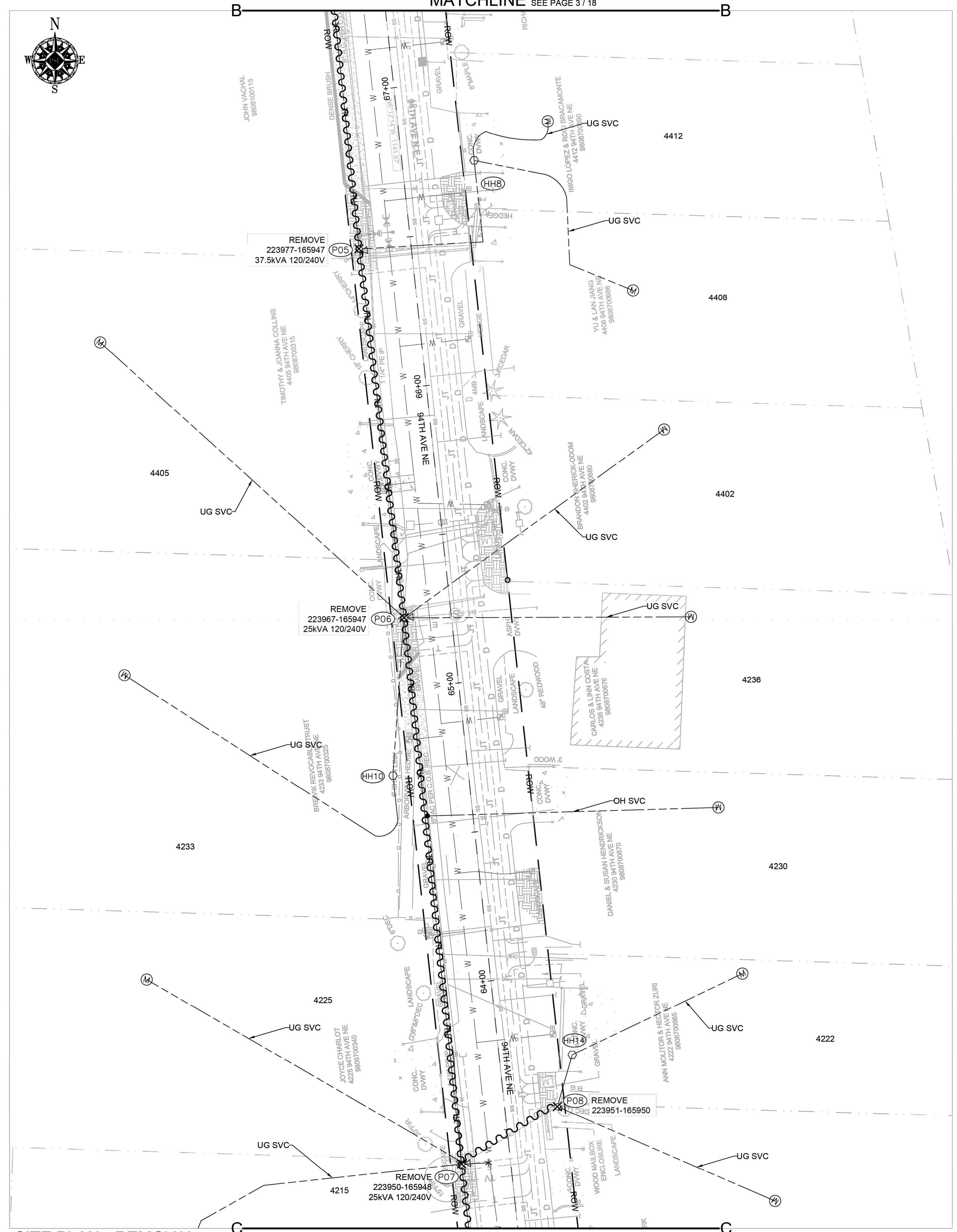
| | | REAL ESTATE/EASEMENT | | PERMIT | | | |
|------------------|------------|---------------------------|--------------|--------------------------------------|-------------|------------------|----------------|
| | | N/A | | YARROW POINT | | | |
| 3 | | FUNCTION | CONTACT | PHONE NO | DATE | | |
| 2 | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 | | |
| 1 | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 | | |
| REV# | DATE | BY | DESCRIPTION | ENGR - GAS | N/A | N/A | N/A |
| COUNTY | Emer Sect | Gas Wk Ctr | POWER WK CTR | CSPFEPI | DRAWN BY | HOLLY SOREM | 253-208-8843 |
| 1/4 SEC | KING | N/A | N/A | N/A | CHECKED BY | <i>Kyle Hays</i> | (206) 930-8544 |
| S18.19.25.05E | OP MAP | N/A | PLAT MAP | N/A | APPROVED BY | | |
| U-MAP NO (POWER) | OH CKT MAP | UG CKT MAP | CIRCUIT NO | MED-33 | FOREMAN #1 | | |
| A2505E072.73 | D2505E076 | R2505E072.73 | | | FOREMAN #2 | | |
| | | | | JOINT FACILITIES ARRANGEMENTS | | | |
| UTILITIES | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| CONTACT | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| PHONE# | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| PSE | | PUGET SOUND ENERGY | | 94TH AVE NE YARROW POINT | | INCIDENT | MAOP |
| | | | | SCHEDULE 74 | | N/A | N/A |
| | | | | 4467 94TH AVE NE YARROW POINT, 98004 | | Gas Order | Elect Order |
| | | | | DRAWING: PSE 3 | | N/A | 101149280 |
| | | | | | | SCALE | PAGE |
| | | | | | | AS NOTED | 3 / 18 |

Oct. 13, 2023 - 3:59pm C:\Users\hsorem\pappdata\local\temp\AcPublish_158660\101149280 - 94TH AVE NE YARROW POINT SCH 74 (1).dwg

101149280



MATCHLINE SEE PAGE 3 / 18



SITE PLAN - REMOVAL
SCALE: 1" = 20'

MATCHLINE SEE PAGE 5 / 18

SITE NOTES

- AT P05**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- AT P06**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- AT P07**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
REMOVE STREETLIGHT
- AT P08**
REMOVE SECONDARY SERVICE POLE
REMOVE XFMR
- P04 - P05**
REMOVE OH PRIMARY CONDUCTOR
- P05 - P06**
REMOVE OH PRIMARY CONDUCTOR
- P06 - P07**
REMOVE OH PRIMARY CONDUCTOR
- P07 - P08**
REMOVE OH SECONDARY CONDUCTOR

| SITE # | POLE DATA | | | | | | TEMP TRANSFERS | | | ST. LIGHT TRANSFERS | | |
|--------|---------------|--------|-------|------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|
| | GRID # | HEIGHT | CLASS | YEAR | TOPPED | RMVD | TEL | TV | FIBER | TRAN | RMVD | ID NUMBER |
| P05 | 223977-165947 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P06 | 223967-165947 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P07 | 223951-165950 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P08 | 223950-165948 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| WIRE REMOVAL TABLE | | | | | |
|---|-----|------------------|----------|---------------------|---------|
| Location | | Wire Size & Type | Quantity | Length (Circuit FT) | Remarks |
| From | To | | | | |
| P04 | P05 | #2 ACSR/NEUT | 2 | 100 | |
| P05 | P06 | #2 ACSR/NEUT | 2 | 125 | |
| P06 | P07 | #2 ACSR/NEUT | 2 | 190 | |
| Total Feet 415 (#2 ACSR) ACTUAL _____ Removed | | | | | |
| Total Feet 415 (NEUT) ACTUAL _____ Removed | | | | | |

| SECONDARY WIRE REMOVAL TABLE | | | | | |
|------------------------------|-----|------------------|----------|------------------------|---------|
| Location | | Wire Size & Type | Quantity | Length (per conductor) | Remarks |
| From | To | | | | |
| P07 | P08 | Triplex | 1 | 40 FT | |

TRANSFORMER REMOVAL

Removed at site: P05
 Grid Number: 223991-165943
 kVA Rating: 37.5kVA 120/240V

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

TRANSFORMER REMOVAL

Removed at site: P06
 Grid Number: 223967-165947
 kVA Rating: 25kVA 120/240V

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

TRANSFORMER REMOVAL

Removed at site: P07
 Grid Number: 223934-165950
 kVA Rating: 25kVA 120/240V

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

| REAL ESTATE/EASEMENT | | | | PERMIT | | | |
|----------------------|------------|------------|--------------|--------------|------------------|----------------|----------|
| REV# | DATE | BY | DESCRIPTION | FUNCTION | CONTACT | PHONE NO | DATE |
| 3 | | | | N/A | | | |
| 2 | | | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 |
| 1 | | | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 |
| 1/4 | SEC | Emer Sect | Gas Wk Ctr | POWER WK CTR | HOLLY SOREM | 253-208-8843 | 10/13/23 |
| 1/4 | SEC | N/A | N/A | CSPFEPI | <i>Kyle Hays</i> | (206) 930-8544 | 10/13/23 |
| 1/4 | SEC | OP MAP | N/A | PLAT MAP | FOREMAN #1 | | |
| U-MAP | NO (POWER) | OH CKT MAP | UG CKT MAP | CIRCUIT NO | FOREMAN #2 | | |
| A2505E072.73 | | D2505E076 | R2505E072.73 | MED-33 | MAPPING | | |

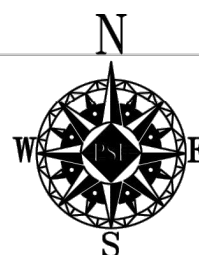
JOINT FACILITIES ARRANGEMENTS

| | | | | |
|-----------|-----|-----|-----|-----|
| UTILITIES | N/A | N/A | N/A | N/A |
| CONTACT | N/A | N/A | N/A | N/A |
| PHONE# | N/A | N/A | N/A | N/A |

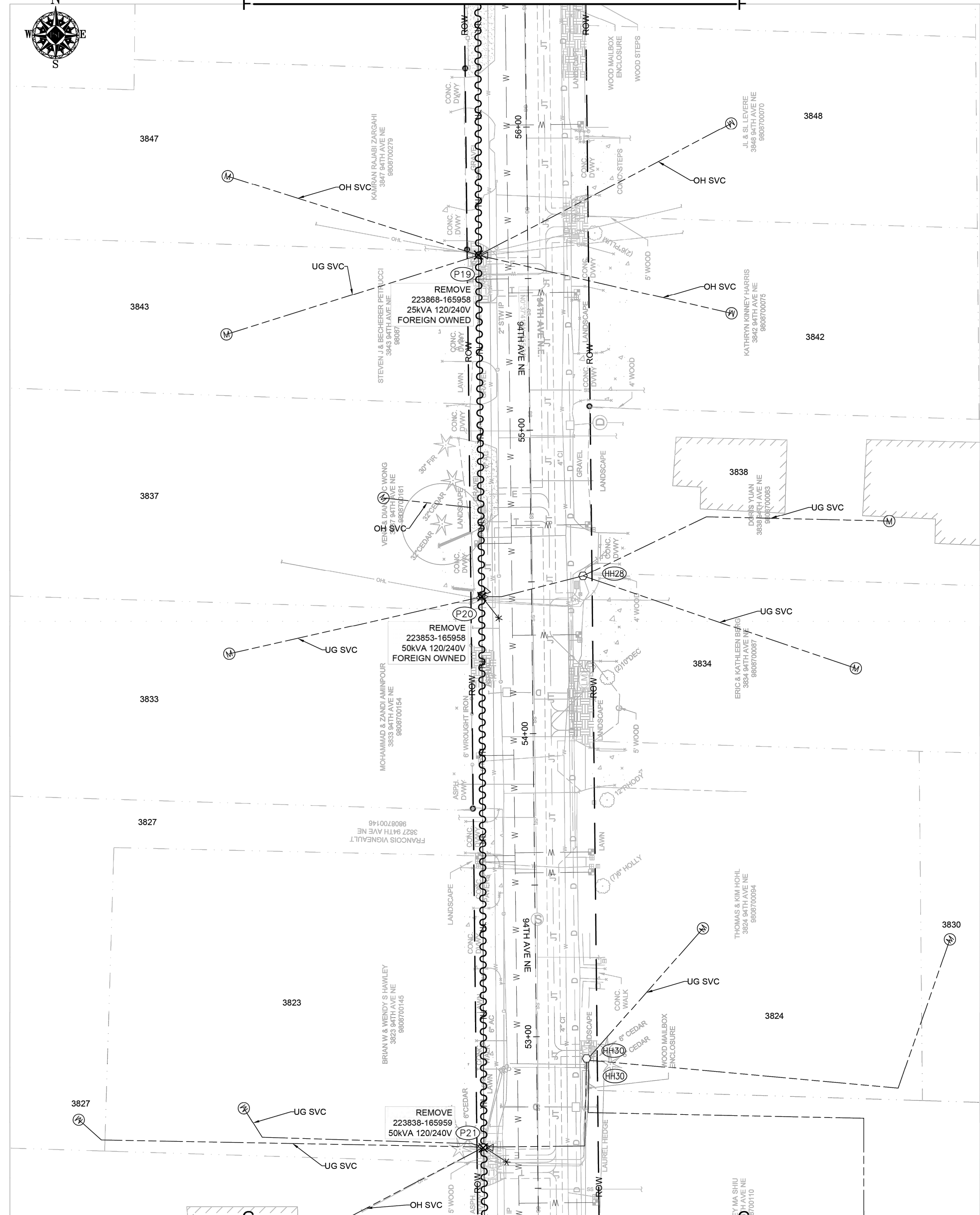
PUGET SOUND ENERGY 94TH AVE NE YARROW POINT
 SCHEDULE 74
 4467 94TH AVE NE YARROW POINT, 98004
 DRAWING: PSE 4

| | |
|-----------|-------------|
| INCIDENT | MAOP |
| N/A | N/A |
| Gas Order | Elect Order |
| N/A | 101149280 |
| SCALE | PAGE |
| AS NOTED | 4 / 18 |

101149280



MATCHLINE SEE PAGE 6 / 18



SITE PLAN - REMOVAL
SCALE: 1" = 20'

MATCHLINE SEE PAGE 9 / 18

SITE NOTES

- AT P19**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- AT P20**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- AT P21**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
REMOVE STREETLIGHT
- P14 - P19**
REMOVE OH PRIMARY CONDUCTOR
- P19 - P20**
REMOVE OH PRIMARY CONDUCTOR
- P20 - P21**
REMOVE OH PRIMARY CONDUCTOR

| SITE # | POLE DATA | | | | POLE | | TEMP TRANSFERS | | | ST. LIGHT TRANSFERS | | |
|--------|---------------|--------|-------|------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|
| | GRID # | HEIGHT | CLASS | YEAR | TOPPED | RMVD | TEL | TV | FIBER | TRAN | RMVD | ID NUMBER |
| P19 | 223868-165958 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P20 | 223853-165958 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P21 | 223838-165959 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| WIRE REMOVAL TABLE | | | | | |
|---|-----|------------------|----------|---------------------|---------|
| Location | | Wire Size & Type | Quantity | Length (Circuit FT) | Remarks |
| From | To | | | | |
| P14 | P19 | #2 ACSR/NEUT | 2 | 160 | |
| P19 | P20 | #2 ACSR/NEUT | 2 | 115 | |
| P20 | P21 | #2 ACSR/NEUT | 2 | 185 | |
| Total Feet 460 (#2 ACSR) ACTUAL _____ Removed | | | | | |
| Total Feet 460 (NEUT) ACTUAL _____ Removed | | | | | |

TRANSFORMER REMOVAL

Removed at site: P19
 Grid Number: 223868-165958
 kVA Rating: 25kVA 120/240V

Foreman to redline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

TRANSFORMER REMOVAL

Removed at site: P20
 Grid Number: 223853-165958
 kVA Rating: 25kVA 120/240V

Foreman to redline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

TRANSFORMER REMOVAL

Removed at site: P21
 Grid Number: 223838-165959
 kVA Rating: 50kVA 120/240V

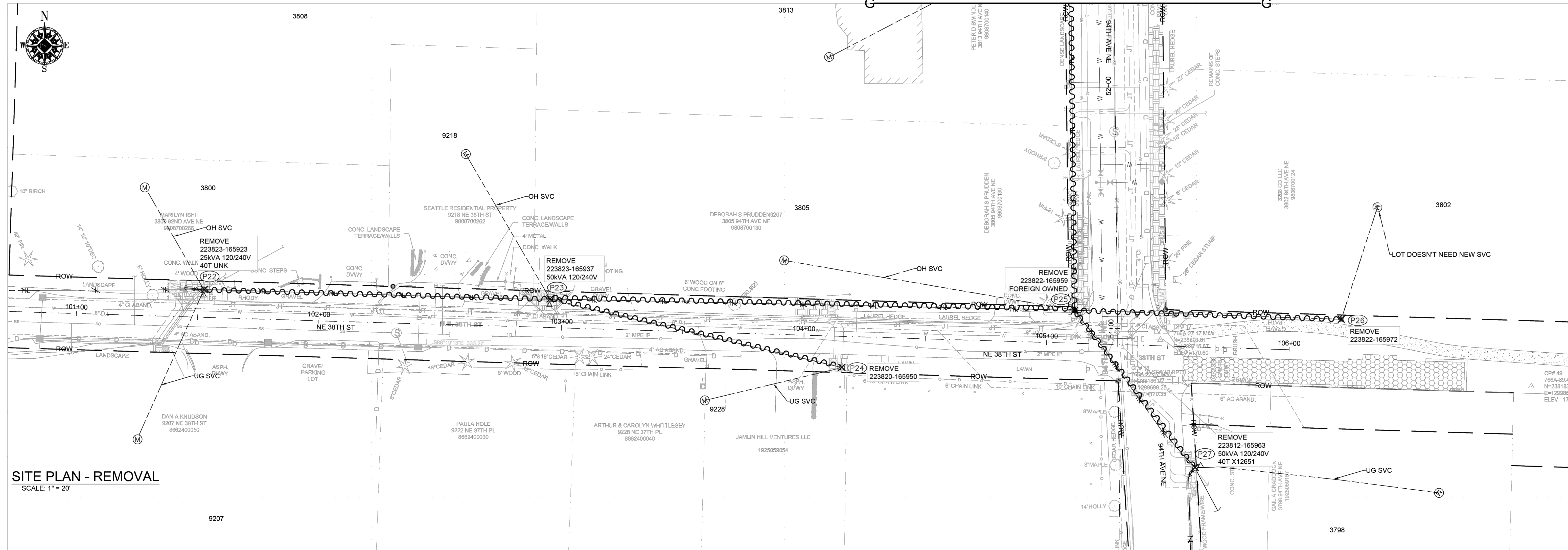
Foreman to redline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

| | | REAL ESTATE/EASEMENT | | PERMIT | | |
|-------------------------------|---------------|--|--------------------------|-----------------------|-----------------|-------------|
| | | N/A | | YARROW POINT | | |
| 3 | | FUNCTION | CONTACT | PHONE NO | DATE | |
| 2 | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 | |
| 1 | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 | |
| REV# | DATE | BY | DESCRIPTION | ENGR - GAS | N/A | |
| | | | | N/A | N/A | |
| COUNTY | KING | Emer Sect | Gas Wk Ctr | POWER WK CTR | 10/13/23 | |
| | | N/A | N/A | CSPFEPI | 10/13/23 | |
| 1/4 SEC | S18.19.25.05E | OP MAP | N/A | PLAT MAP | N/A | |
| U-MAP NO (POWER) | A2505E072.73 | OH CKT MAP | D2505E076 | UG CKT MAP | R2505E072.73 | |
| | | | | CIRCUIT NO | MED-33 | |
| | | | | FOREMAN #1 | | |
| | | | | FOREMAN #2 | | |
| | | | | MAPPING | | |
| JOINT FACILITIES ARRANGEMENTS | | | | | | |
| UTILITIES | N/A | N/A | N/A | N/A | N/A | |
| CONTACT | N/A | N/A | N/A | N/A </td <td>N/A</td> | N/A | |
| PHONE# | N/A | N/A | N/A | N/A | N/A | |
| PUGET SOUND ENERGY | | 94TH AVE NE YARROW POINT SCHEDULE 74 4467 94TH AVE NE YARROW POINT, 98004 DRAWING: PSE 8 | | | INCIDENT N/A | MAOP N/A |
| | | Gas Order N/A | Elect Order 101149280 | SCALE AS NOTED | PAGE 8 / 18 | |

101149280

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SITE PLAN - REMOVAL
SCALE: 1" = 20'

| SITE # | POLE DATA | | | | | | TEMP TRANSFERS | | | ST. LIGHT TRANSFERS | | |
|--------|---------------|--------|-------|------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------|
| | GRID # | HEIGHT | CLASS | YEAR | TOPPED | RMVD | TEL | TV | FIBER | TRAN | RMVD | ID NUMBER |
| P22 | 223823-165923 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P23 | 223823-165937 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P24 | 223820-165950 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P25 | 223822-156959 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P26 | 223822-165972 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| P27 | 223812-165963 | 45 | - | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

| WIRE REMOVAL TABLE | | | | | | |
|--|------|-----|------------------|----------|---------------------|---------|
| Location | From | To | Wire Size & Type | Quantity | Length (Circuit FT) | Remarks |
| | P21 | P25 | #2 ACSR/NEUT | 2 | 160 | |
| | P22 | P23 | #2 ACSR/NEUT | 2 | 145 | |
| | P23 | P24 | TRIPLEX | 1 | 125 | |
| | P23 | P25 | #2 ACSR/NEUT | 2 | 220 | |
| | P25 | P26 | TRIPLEX | 1 | 110 | |
| | P26 | P27 | #2 ACSR/NEUT | 2 | 85 | |
| Total Feet 610 (#2 ACSR) ACTUAL _____ Removed Total Feet 610 (NEUT) ACTUAL _____ Removed Total Feet 235 (TRIPLEX) ACTUAL _____ Removed | | | | | | |

SITE NOTES

- AT P22**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- AT P23**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
- AT P24**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
REMOVE STREETLIGHT
- AT P25**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
REMOVE STREETLIGHT
- AT P26**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
REMOVE STREETLIGHT
- AT P27**
REMOVE DISTRIBUTION POLE
REMOVE XFMR
REMOVE STREETLIGHT

P21 - P22
REMOVE OH PRIMARY CONDUCTOR

P22 - P23
REMOVE OH PRIMARY CONDUCTOR

P23 - P24
REMOVE OH SECONDARY CONDUCTOR

P23 - P25
REMOVE OH PRIMARY CONDUCTOR

P25 - P27
REMOVE OH PRIMARY CONDUCTOR

P25 - P26
REMOVE OH SECONDARY CONDUCTOR

TRANSFORMER REMOVAL

Removed at site: P22
 Grid Number: 223823-165923
 KVA Rating: 25kVA 120/240V

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____

TRANSFORMER REMOVAL

Removed at site: P23
 Grid Number: 223823-165937
 KVA Rating: 50kVA 120/240V

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____

TRANSFORMER REMOVAL

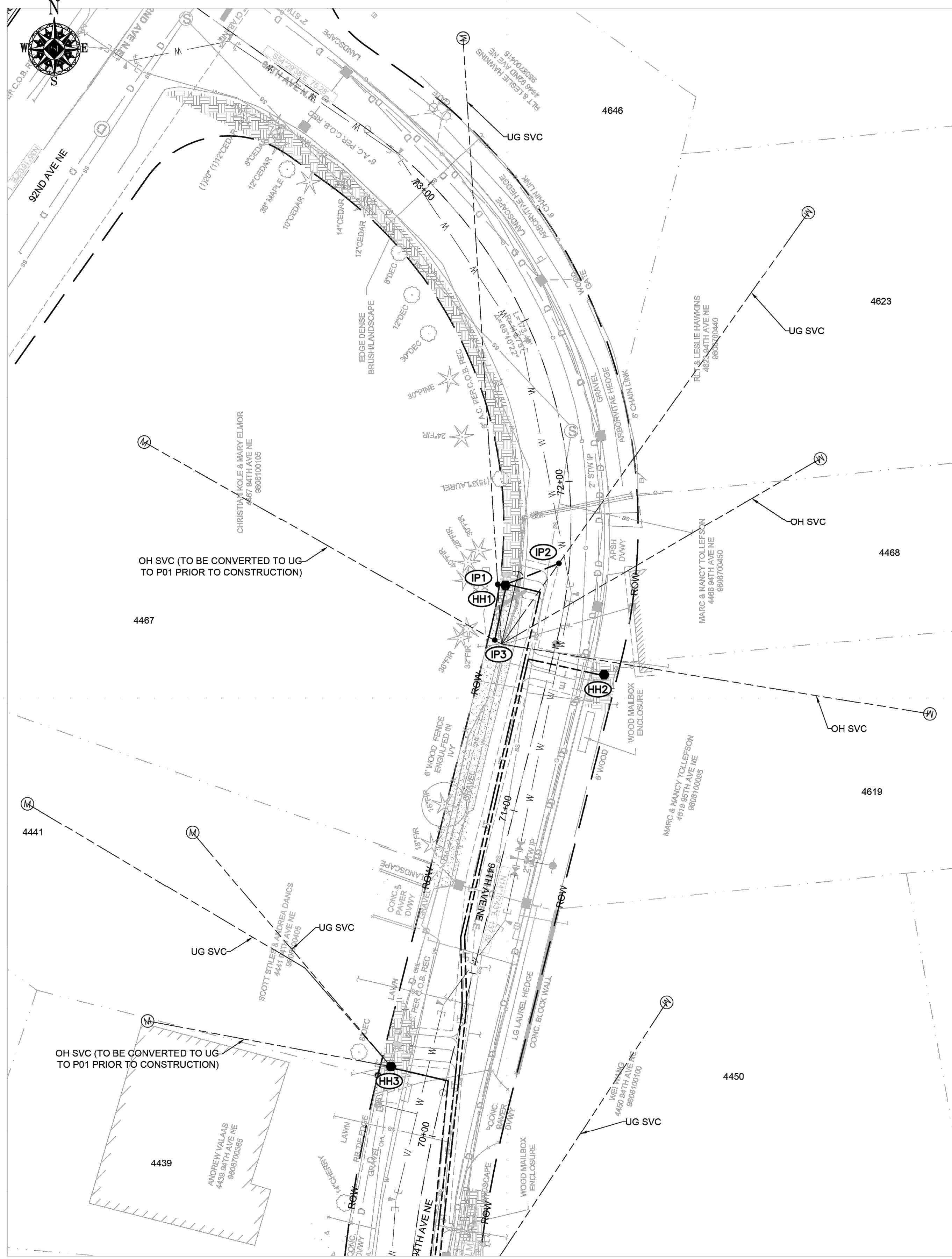
Removed at site: P27
 Grid Number: 223812-165963
 KVA Rating: 50kVA 120/240V

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____

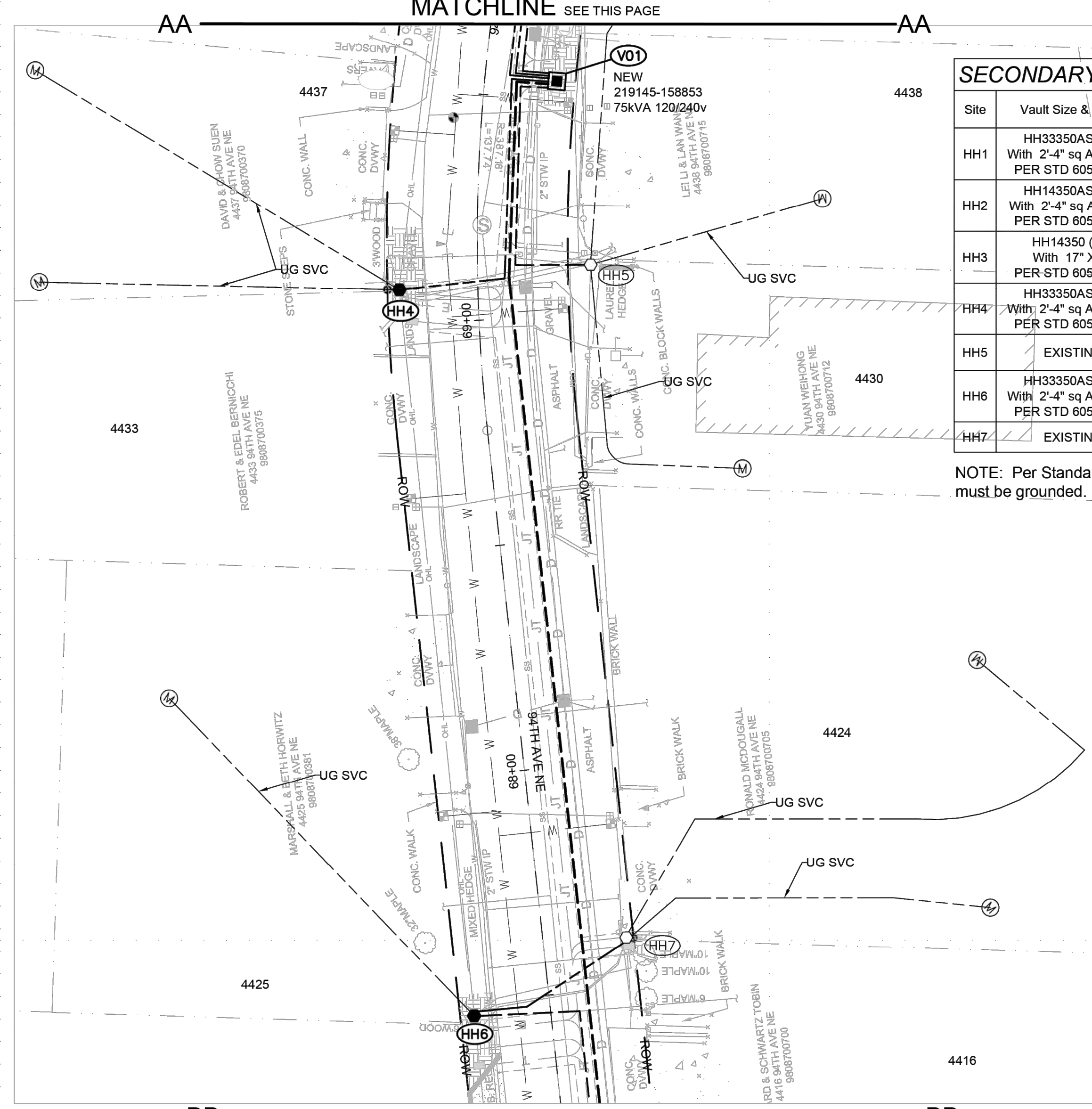
| REV# | DATE | BY | DESCRIPTION | REAL ESTATE/EASEMENT | | PERMIT | |
|---|---------------|------------|--------------|--|------------------|----------------|----------|
| | | | | FUNCTION | CONTACT | PHONE NO | DATE |
| 3 | | | | N/A | | | |
| 2 | | | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 |
| 1 | | | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 |
| | | | | ENGR - GAS | N/A | N/A | N/A |
| COUNTY | KING | Emer Sect | Gas Wk Ctr | POWER WK CTR | HOLLY SOREM | 253-208-8843 | 10/13/23 |
| | | N/A | N/A | CSPFEPI | <i>Kyle Hays</i> | (206) 930-8544 | 10/13/23 |
| 1/4 SEC | | OP MAP | PLAT MAP | CHECKED BY | | | |
| | S18.19.25.05E | N/A | N/A | APPROVED BY | | | |
| U-MAP NO (POWER) | A2505E072.73 | OH CKT MAP | UG CKT MAP | FOREMAN #1 | | | |
| | | D2505E076 | R2505E072.73 | FOREMAN #2 | | | |
| | | | | MAPPING | | | |
| JOINT FACILITIES ARRANGEMENTS | | | | | | | |
| UTILITIES | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| CONTACT | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| PHONE# | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| PSE PUGET SOUND ENERGY | | | | 94TH AVE NE YARROW POINT SCHEDULE 74 4467 94TH AVE NE YARROW POINT, 98004 DRAWING: PSE 9 | | | |
| INCIDENT N/A Gas Order N/A SCALE AS NOTED | | | | MAOP N/A Elect Order 101149280 PAGE 9 / 18 | | | |

101149280



MATCHLINE SEE THIS PAGE

SITE PLAN - INSTALL
SCALE: 1" = 20'



MATCHLINE SEE PAGE 11 / 18

| SECONDARY HH TABLE | | | |
|--------------------|---|---|---------|
| Site | Vault Size & Cover | Type & Size Equipment in Vault | REMARKS |
| HH1 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 4 Position Connectors MATID: 7651005 | |
| HH2 | HH14350AS (1Ø) With 2'-4" sq AS Cover PER STD 6050.2020 | 3 Position Connectors MATID: 7651004 | |
| HH3 | HH14350 (1Ø) With 17" X 24" PER STD 6050.2000 | 4 Position Connectors MATID: 7651005 | |
| HH4 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH5 | EXISTING | EXISTING | |
| HH6 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH7 | EXISTING | EXISTING | |

NOTE: Per Standard 6050.2000 all metal lids of secondary hand holes must be grounded.

Vault & Equipment Table

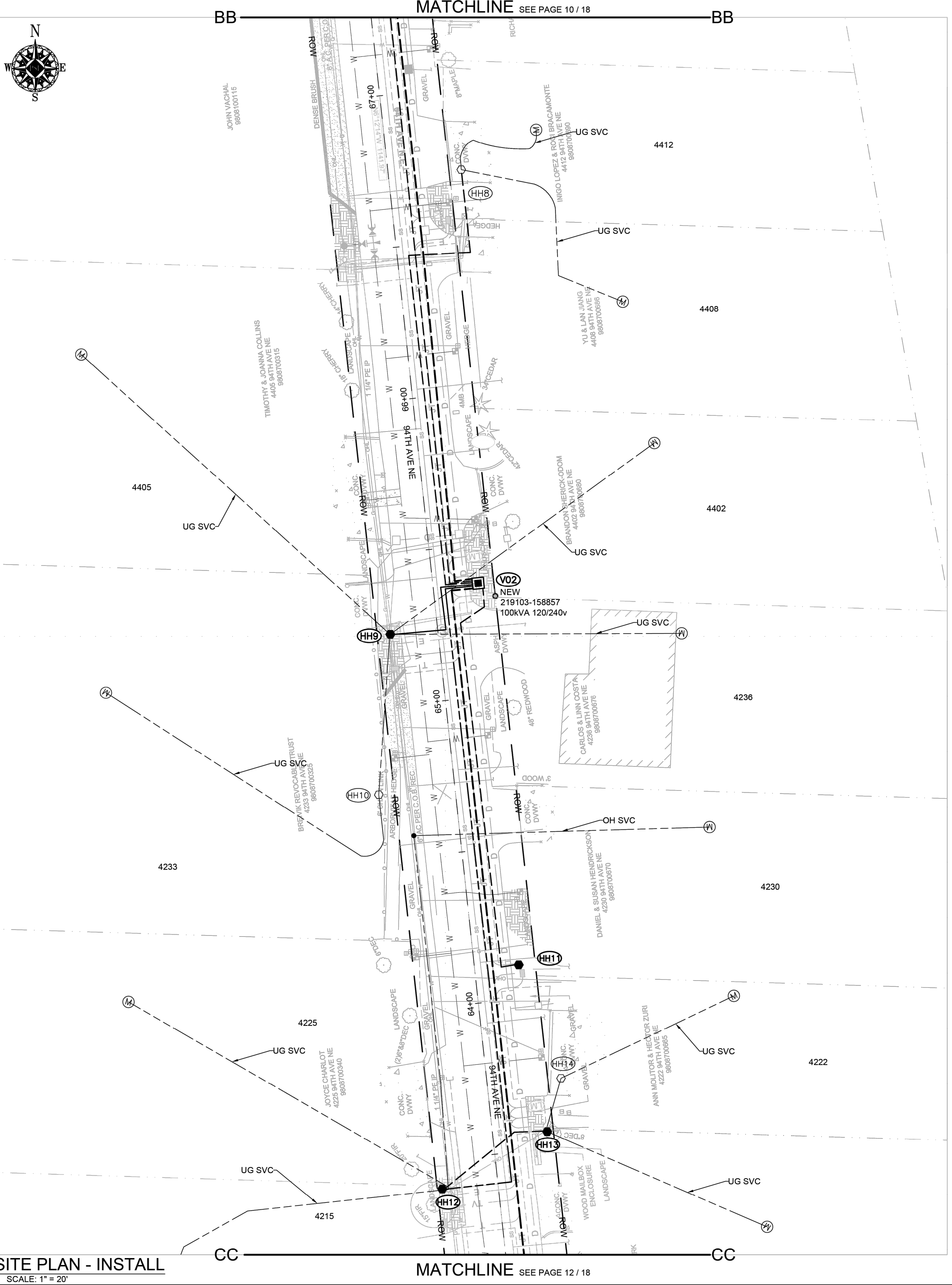
| Site | Approximate Station & Offset From VII Center | Grid Number | Vault Size & Cover | Type & Size Equipment in Vault | Install Primary Bushings | | Transformer ID Numbers (Company ID) | ASBUILT INFORMATION Foreman-Complete |
|------|--|------------------|--|--------------------------------|-----------------------------|----------------|-------------------------------------|--------------------------------------|
| | | | | | LB ELB10J Per STD 6041.1000 | DC MID 7630600 | | |
| V01 | STA 69+54.9 15.8 RT | 219145 158853 | Anti-Skid 4'-8"SQ x 7'-6" TUT Unistrut HH TUT1SLA (LOOP) PER STD 6045.7000 | 75kVA 120/240v MID: 6237150 | | | | |

SITE NOTES

- AT HH1**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4467, 4623 & 4646 & EXTEND CABLE/CONDUIT TO HH1
- AT HH2**
NEW SECONDARY HANDHOLE
CUSTOMER TO INSTALL NEW UG SERVICE AT 4468 & 4619
- AT HH3**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4444, 4441 & 4439 & EXTEND CABLE/CONDUIT TO HH3
- AT HH4**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4437 & 4433 & EXTEND CABLE/CONDUIT TO HH4
- AT HH5**
EXISTING SECONDARY HANDHOLE AND CONNECTIONS TO REMAIN
- AT HH6**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4425 & EXTEND CABLE/CONDUIT TO HH6
- AT HH7**
EXISTING SECONDARY HANDHOLE AND CONNECTIONS TO REMAIN
- AT IP1 & IP2**
INTERCEPT EXISTING UG TPX AND EXTEND TO HH1

| | | REAL ESTATE/EASEMENT | | PERMIT | |
|-------------------------------|------|----------------------|-------------|---|------------------|
| | | FUNCTION | CONTACT | PHONE NO | DATE |
| 3 | | | | | |
| 2 | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 |
| 1 | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 |
| REV# | DATE | BY | DESCRIPTION | ENGR - GAS | N/A |
| 1/4 SEC | | Emer Sect | Gas Wk Ctr | POWER WK CTR | |
| | | N/A | N/A | CSPFEPI | |
| | | OP MAP | PLAT MAP | CHECKED BY | HOLLY SOREM |
| | | | | APPROVED BY | <i>Kyle Hays</i> |
| | | | | FOREMAN #1 | |
| | | | | FOREMAN #2 | |
| | | | | MAPPING | |
| JOINT FACILITIES ARRANGEMENTS | | | | | |
| UTILITIES | N/A | N/A | N/A | N/A | N/A |
| CONTACT | N/A | N/A | N/A | N/A | N/A |
| PHONE# | N/A | N/A | N/A | N/A | N/A |
| PUGET SOUND ENERGY | | | | 94TH AVE NE YARROW POINT SCHEDULE 74 4467 94TH AVE NE YARROW POINT, 98004 DRAWING: PSE 10 | |
| | | | | INCIDENT | MAOP |
| | | | | Gas Order | Elect Order |
| | | | | N/A | 101149280 |
| | | | | SCALE | PAGE |
| | | | | AS NOTED | 10 / 18 |

101149280



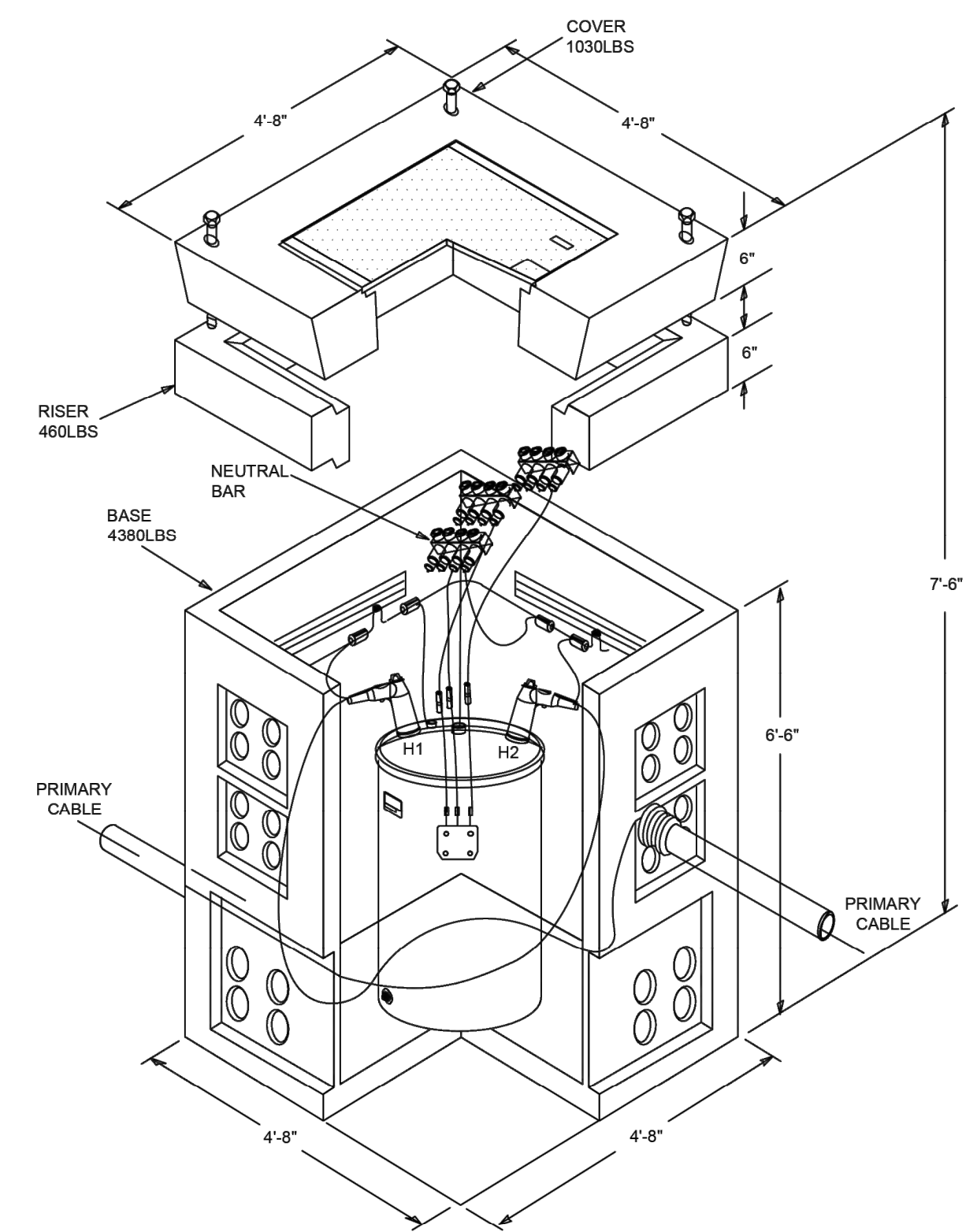
SITE PLAN - INSTALL
SCALE: 1" = 20'

SITE NOTES

- AT HH8**
EXISTING SECONDARY HANDHOLE AND CONNECTIONS TO REMAIN
- AT HH9**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4405 & EXTEND CABLE/CONDUIT TO HH9
INTERCEPT EXISTING UG RUN TO HH10 EXTEND CABLE/CONDUIT TO HH9
- AT HH10**
EXISTING SECONDARY HANDHOLE AND CONNECTIONS TO REMAIN
- AT HH11**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4402 & 4236 & EXTEND CABLE/CONDUIT TO HH11
CUSTOMER TO INSTALL NEW UG SERVICE AT 4230
- AT HH12**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4225 & 4215 & EXTEND CABLE/CONDUIT TO HH12
- AT HH13**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4218 & EXTEND CABLE/CONDUIT TO HH13
INTERCEPT EXISTING UG RUN TO HH14 EXTEND CABLE/CONDUIT TO HH13
- AT HH14**
EXISTING SECONDARY HANDHOLE AND CONNECTIONS TO REMAIN

Vault & Equipment Table

| Site | Approximate Station & Offset From Vlt Center | Grid Number | Vault Size & Cover | Type & Size Equipment In Vault | Install Primary Bushings | | Transformer ID Numbers (Company ID) | ASBUILT INFORMATION Foreman-Complete |
|------|--|------------------|--|---------------------------------|-----------------------------|----------------|-------------------------------------|--------------------------------------|
| | | | | | LB ELB10J Per STD 6041.1000 | DC MID 7630600 | | |
| V02 | STA 65+37.2 14.8 RT | 219103 158857 | Anti-Skid 4'-8"SQ x 7'-6" TUT Unistrut HH TUT1SLA (LOOP) PER STD 6045.7000 | 100kVA 120/240v MID: 6237200 | | | | |



SINGLE PHASE TUT DETAIL
AT V01 & V02

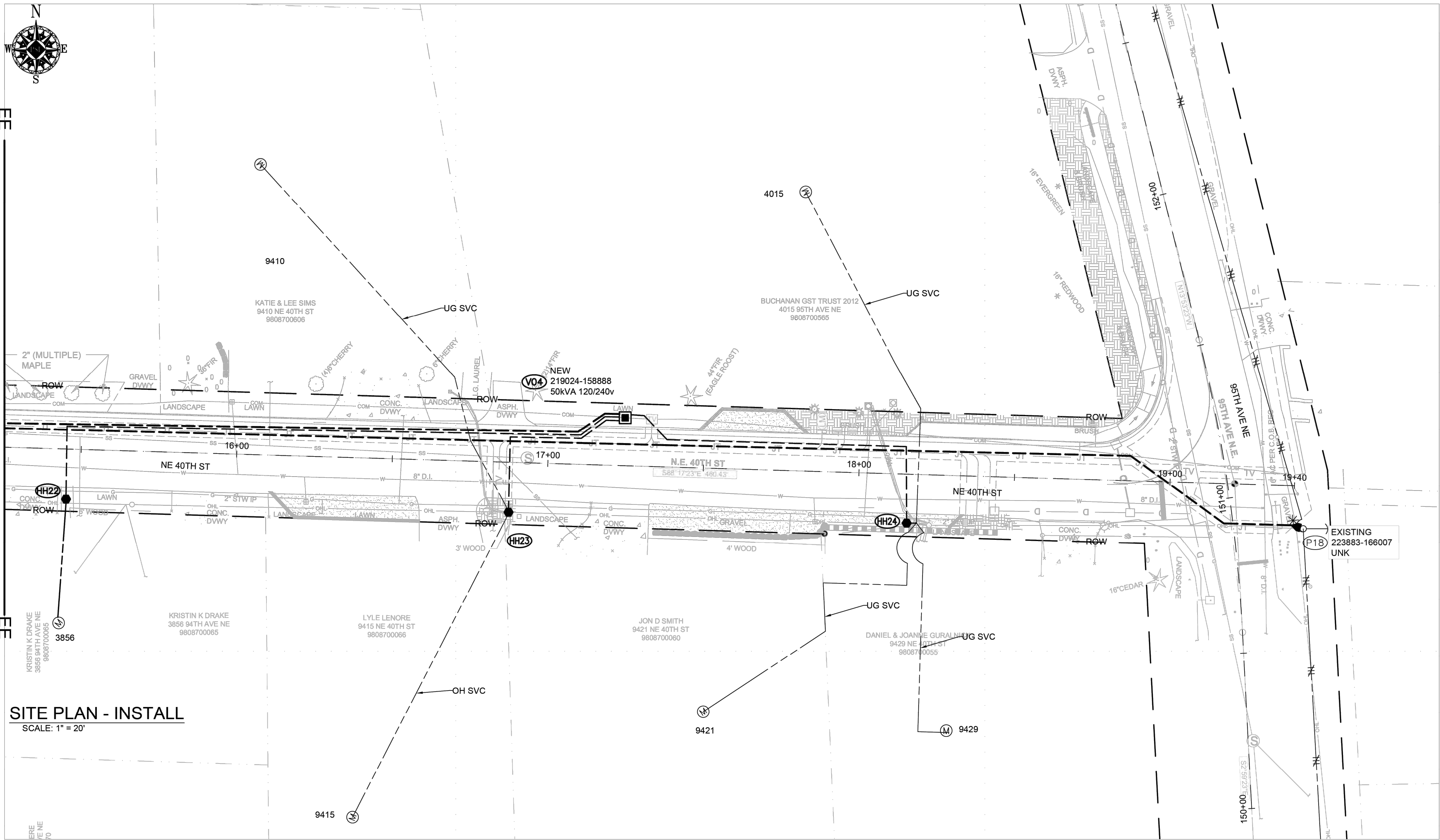
SECONDARY HH TABLE

| Site | Vault Size & Cover | Type & Size Equipment in Vault | REMARKS |
|------|---|---|---------|
| HH8 | EXISTING | EXISTING | |
| HH9 | HH14350AS (1Ø) With 2'-4" sq AS Cover PER STD 6050.2020 | 4 Position Connectors MATID: 7651005 | |
| HH10 | EXISTING | EXISTING | |
| HH11 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 4 Position Connectors MATID: 7651005 | |
| HH12 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH13 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH14 | EXISTING | EXISTING | |

NOTE: Per Standard 6050.2000 all metal lids of secondary hand holes must be grounded.

| REAL ESTATE/EASEMENT | | | | PERMIT | |
|-------------------------------|------------------|----------------|----------|---|--|
| FUNCTION | CONTACT | PHONE NO | DATE | YARROW POINT | |
| PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 | | |
| ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 | | |
| ENGR - GAS | N/A | N/A | N/A | | |
| DRAWN BY | HOLLY SOREM | 253-208-8843 | 10/13/23 | | |
| CHECKED BY | <i>Kyle Hays</i> | (206) 930-8544 | 10/13/23 | | |
| FOREMAN #1 | | | | | |
| FOREMAN #2 | | | | | |
| MAPPING | | | | | |
| JOINT FACILITIES ARRANGEMENTS | | | | | |
| UTILITIES | N/A | N/A | N/A | N/A | |
| CONTACT | N/A | N/A | N/A | N/A | |
| PHONE# | N/A | N/A | N/A | N/A | |
| PUGET SOUND ENERGY | | | | 94TH AVE NE YARROW POINT SCHEDULE 74 4467 94TH AVE NE YARROW POINT, 98004 DRAWING: PSE 11 | |
| INCIDENT | N/A | MAOP | N/A | | |
| Gas Order | N/A | Elect Order | N/A | | |
| SCALE | AS NOTED | PAGE | 11 / 18 | | |

101149280



SITE PLAN - INSTALL
SCALE: 1" = 20'

Vault & Equipment Table

| Site | Approximate Station & Offset From Vit Center | Grid Number | Vault Size & Cover | Type & Size Equipment In Vault | Install Primary Bushings | | Transformer ID Numbers (Company ID) | ASBUILT INFORMATION Foreman-Complete |
|------|--|------------------|--|--------------------------------|-----------------------------|----------------|-------------------------------------|--------------------------------------|
| | | | | | LB ELB10J Per STD 6041.1000 | DC MID 7630600 | | |
| V04 | STA 17+24.3 15.4 LT | 219024 158888 | Anti-Skid 4'-8"SQ x 7'-6" TUT Unistrut HH TUT1SLA (LOOP) PER STD 6045.7000 | 50kVA 120/240v MID: 6237100 | | | | |

SITE NOTES

- AT HH23**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 9410 & EXTEND CABLE/CONDUIT TO HH23
CUSTOMER TO CONNECT NEW UG SERVICE AT 9415
- AT HH24**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 4015, 9421 & 9429 & EXTEND CABLE/CONDUIT TO HH24
- AT P18**
EXISTING POLE TO REMAIN
INSTALL 1Ø UG TO OH TERM 6043.1001, UTSU1LB
INSTALL SW: FUSE AT 40T
INSTALL (1) 4" RISER 6042.1000, RIS4CSS

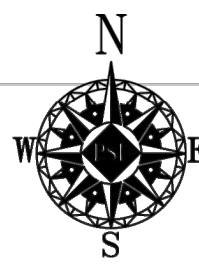
SECONDARY HH TABLE

| Site | Vault Size & Cover | Type & Size Equipment in Vault | REMARKS |
|------|---|---|---------|
| HH22 | HH14350AS (1Ø) With 2'-4" sq AS Cover PER STD 6050.2020 | 3 Position Connectors MATID: 7651004 | |
| HH23 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH24 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 4 Position Connectors MATID: 7651005 | |

NOTE: Per Standard 6050.2000 all metal lids of secondary hand holes must be grounded.

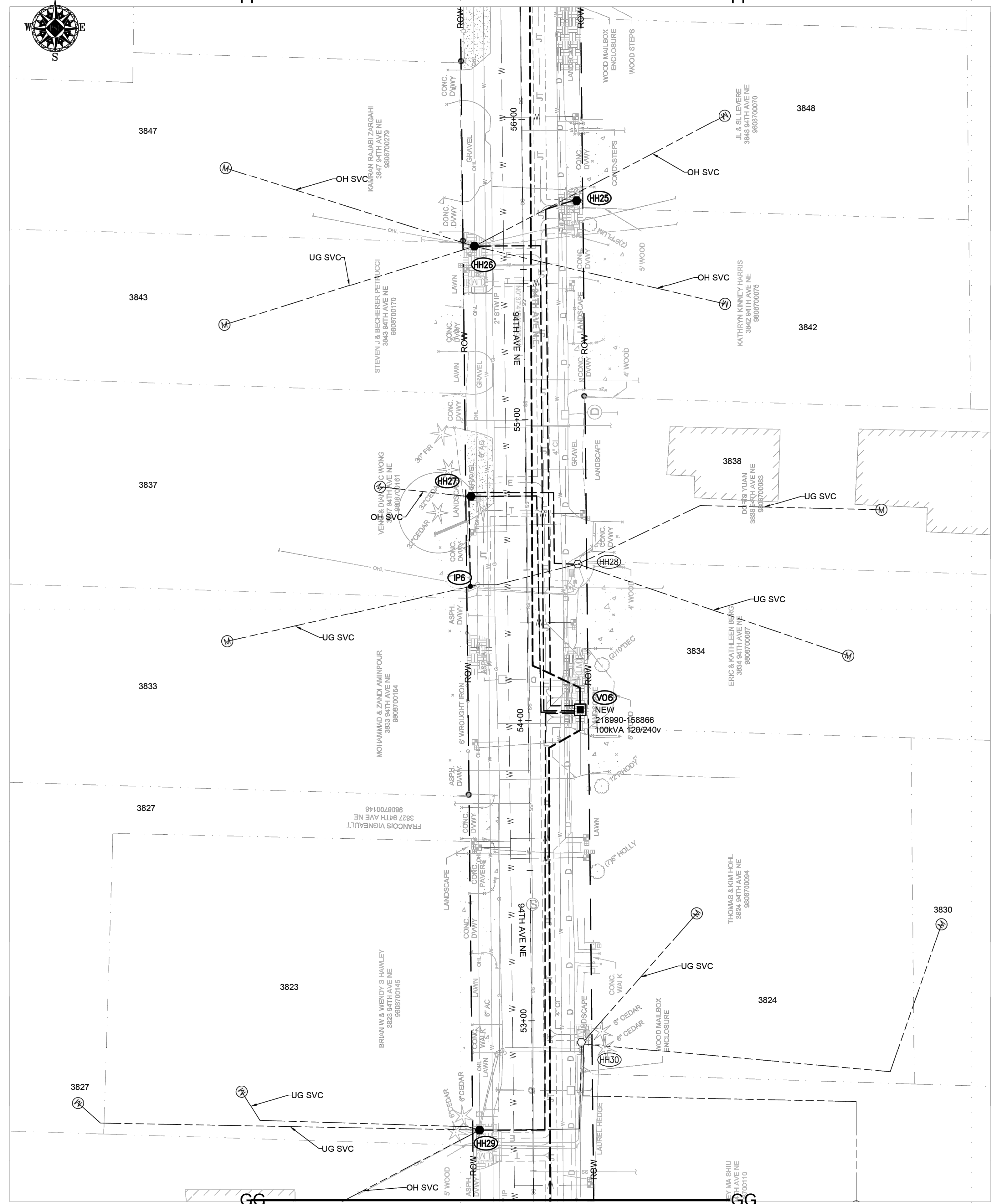
101149280

| | | | | REAL ESTATE/EASEMENT | | PERMIT | |
|-------------------------------|---|--------------|---|----------------------|------------------|----------------|-------------|
| | | | | N/A | | YARROW POINT | |
| 3 | | | | FUNCTION | CONTACT | PHONE NO | DATE |
| 2 | | | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 |
| 1 | | | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 |
| REV# | DATE | BY | DESCRIPTION | ENGR - GAS | N/A | N/A | N/A |
| KING | | | Emer Sect Gas Wk Ctr POWER WK CTR CSPFEPI | DRAWN BY | HOLLY SOREM | 253-208-8843 | 10/13/23 |
| 1/4 SEC | | | OP MAP N/A PLAT MAP N/A | CHECKED BY | <i>Kyle Hays</i> | (206) 930-8544 | 10/13/23 |
| S18.19.25.05E | | | | APPROVED BY | | | |
| U-MAP NO (POWER) | OH CKT MAP | UG CKT MAP | CIRCUIT NO | FOREMAN #1 | | | |
| A2505E072.73 | D2505E076 | R2505E072.73 | MED-33 | FOREMAN #2 | | | |
| | | | | MAPPING | | | |
| JOINT FACILITIES ARRANGEMENTS | | | | | | | |
| UTILITIES | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| CONTACT | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| PHONE# | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| PUGET SOUND ENERGY | 94TH AVE NE YARROW POINT SCHEDULE 74 4467 94TH AVE NE YARROW POINT, 98004 DRAWING: PSE 14 | | | | | INCIDENT | MAOP |
| | | | | | | N/A | N/A |
| | | | | | | Gas Order | Elect Order |
| | | | | | N/A | 101149280 | |
| | | | | | SCALE | PAGE | |
| | | | | | AS NOTED | 14 / 18 | |



MATCHLINE SEE PAGE 13 / 18

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SITE PLAN - INSTALL
SCALE: 1" = 20'

MATCHLINE SEE PAGE 16 / 18

SECONDARY HH TABLE

| Site | Vault Size & Cover | Type & Size Equipment in Vault | REMARKS |
|------|---|---|---------|
| HH25 | HH14350AS (1Ø) With 2'-4" sq AS Cover PER STD 6050.2020 | 3 Position Connectors MATID: 7651004 | |
| HH26 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH27 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH28 | EXISTING | EXISTING | |
| HH29 | HH33350AS (3Ø) With 2'-4" sq AS Cover PER STD 6050.2100 | 4 Position Connectors MATID: 7651004 | |
| HH30 | EXISTING | EXISTING | |

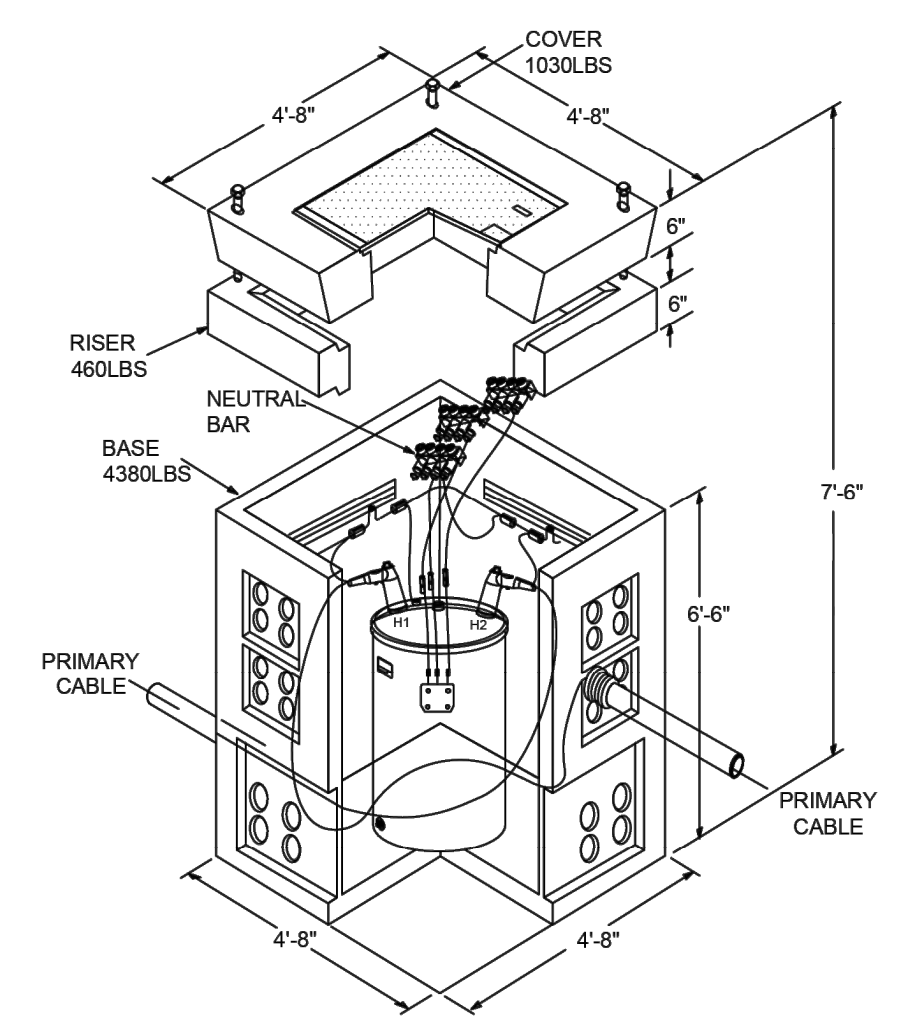
NOTE: Per Standard 6050.2000 all metal lids of secondary hand holes must be grounded.

SITE NOTES

- AT HH25**
NEW SECONDARY HANDHOLE
CUSTOMER TO CONNECT NEW UG SERVICE AT 3848 & 3842
- AT HH26**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 3843 & EXTEND CABLE/CONDUIT TO HH26
CUSTOMER TO CONNECT NEW UG SERVICE AT 3847
- AT HH27**
NEW SECONDARY HANDHOLE
CUSTOMER TO CONNECT NEW UG SERVICE AT 3837
- AT IP6**
INTERCEPT EXISTING UG SERVICE AT 3833 & EXTEND CABLE/CONDUIT TO HH27
- AT HH28**
EXISTING SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 3838 & 3834 & EXTEND CABLE/CONDUIT TO HH28
- AT HH29**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 3823 & 3827 & EXTEND CABLE/CONDUIT TO HH29
CUSTOMER TO CONNECT NEW UG SERVICE AT 3813
- AT HH30**
EXISTING SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 3824, 3830 & 3812 & EXTEND CABLE/CONDUIT TO HH30

Vault & Equipment Table

| Site | Approximate Station & Offset From Vlt Center | Grid Number | Vault Size & Cover | Type & Size Equipment in Vault | Install Primary Bushings | | Transformer ID Numbers (Company ID) | ASBUILT INFORMATION Foreman-Complete |
|------|--|------------------|--|---------------------------------|-----------------------------|----------------|-------------------------------------|--------------------------------------|
| | | | | | LB ELB10J Per STD 6041.1000 | DC MID 7630600 | | |
| V06 | STA 54+3.3 17.2 RT | 218990 158866 | Anti-Skid 4'-8"SQ x 7'-6" TUT Unistrut HH TUT1SLA (LOOP) PER STD 6045.7000 | 100kVA 120/240v MID: 6237200 | | | | |

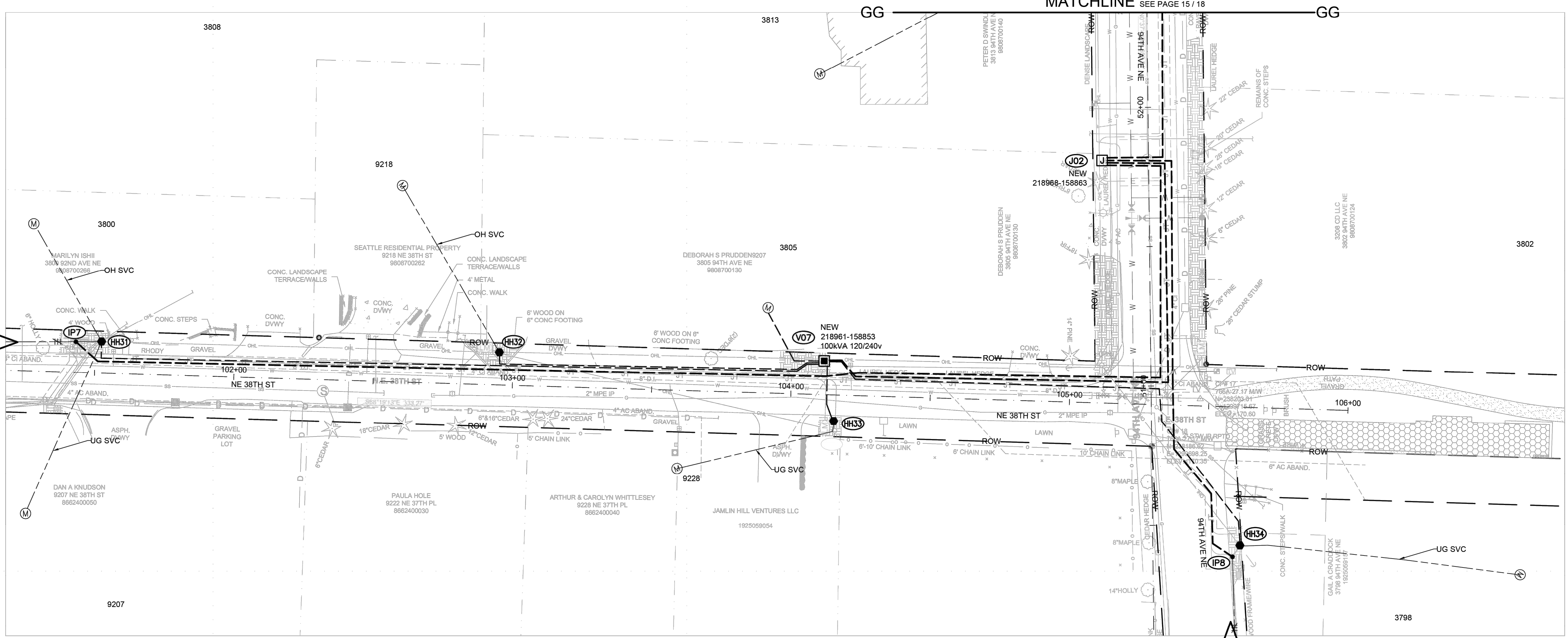
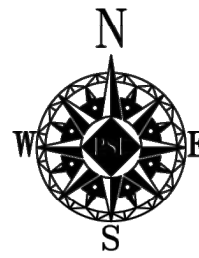


SINGLE PHASE TUT DETAIL
AT V06, V07

101149280

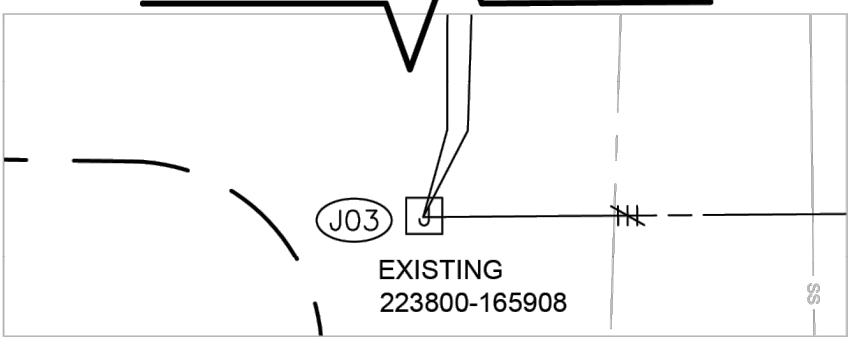
| | | REAL ESTATE/EASEMENT | | PERMIT | | |
|-------------------------------|---|----------------------|-------------|--------------|-------------------------------------|---|
| | | N/A | | YARROW POINT | | |
| 3 | | FUNCTION | | PHONE NO | DATE | |
| 2 | | PROJECT MGR | KIARA SKYE | 425-213-9205 | 10/13/23 | |
| 1 | | ENGR - POWER | KYLE HAYS | 206-930-8544 | 10/13/23 | |
| REV# | DATE | BY | DESCRIPTION | ENGR - GAS | N/A | |
| | | | | | | |
| COUNTY | KING | Emer Sect | Gas Wk Ctr | POWER WK CTR | CSPFEPI | |
| | | N/A | N/A | | | |
| 1/4 SEC | S18.19.25.05E | OP MAP | N/A | PLAT MAP | N/A | |
| U-MAP NO (POWER) | A2505E072.73 | OH CKT MAP | D2505E076 | UG CKT MAP | R2505E072.73 | |
| | | | | CIRCUIT NO | MED-33 | |
| | | | | FOREMAN #1 | | |
| | | | | FOREMAN #2 | | |
| | | | | MAPPING | | |
| JOINT FACILITIES ARRANGEMENTS | | | | | | |
| UTILITIES | N/A | N/A | N/A | N/A | N/A | |
| CONTACT | N/A | N/A | N/A | N/A | N/A | |
| PHONE# | N/A | N/A | N/A | N/A | N/A | |
| PUGET SOUND ENERGY | 94TH AVE NE YARROW POINT SCHEDULE 74 4467 94TH AVE NE YARROW POINT, 98004 DRAWING: PSE 15 | | | | INCIDENT N/A Gas Order N/A | MAOP N/A Elect Order 101149280 |
| | | | | | SCALE | PAGE |
| | | | | AS NOTED | 15 / 18 | |

Oct 13, 2023 - 3:59pm C:\Users\hsorem\pappdata\local\temp\AcPublish_158660\101149280 - 94TH AVE NE YARROW POINT SCH 74 (1).dwg

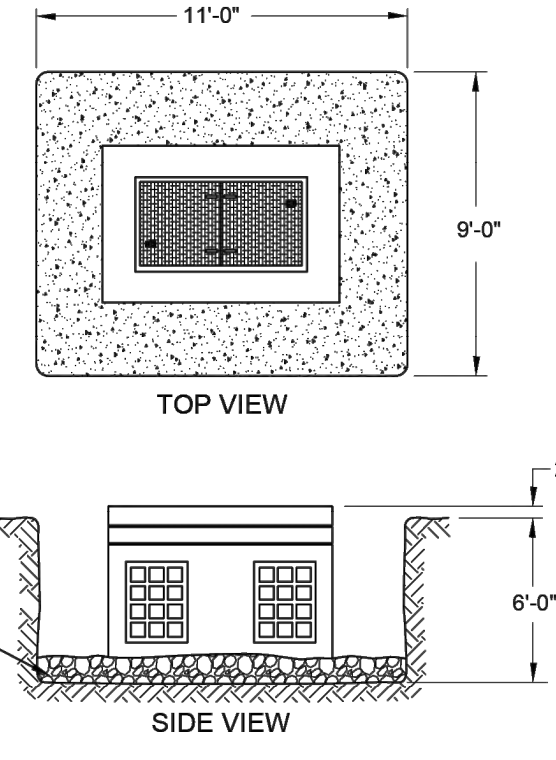
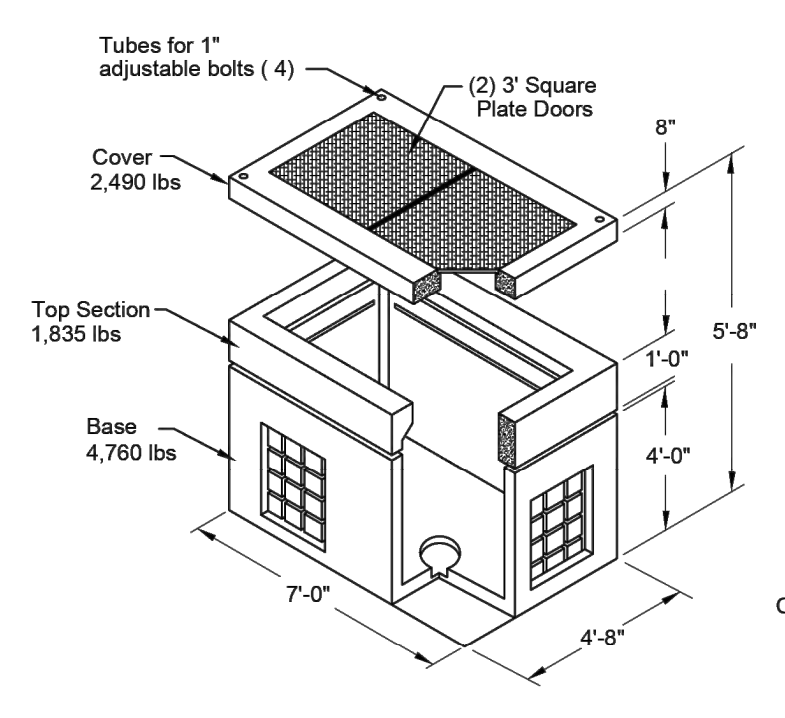


SITE PLAN - INSTALL
SCALE: 1" = 20'

APPROX 355FT HH31 TO J03



4'-8" x 7' Handhole (575) w/adjustable Cover



EXCAVATION - 22 CUBIC YARDS

SITE NOTES

- AT HH31**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 9207 & EXTEND CABLE/CONDUIT TO HH31 CUSTOMER TO CONNECT NEW UG SERVICE AT 3800
- AT HH32**
NEW SECONDARY HANDHOLE
CUSTOMER TO CONNECT NEW UG SERVICE AT 9218
- AT HH33**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 9228 & EXTEND CABLE/CONDUIT TO HH33 CUSTOMER TO CONNECT NEW UG SERVICE AT 3805
- AT HH34**
NEW SECONDARY HANDHOLE
INTERCEPT EXISTING UG SERVICE AT 3798 & EXTEND CABLE/CONDUIT TO HH34
- AT IP7**
INTERCEPT AND EXTEND EXISTING 2" CONDUIT TO J02
- AT IP8**
INTERCEPT AND EXTEND EXISTING 2" CONDUIT TO J02

SECONDARY HH TABLE

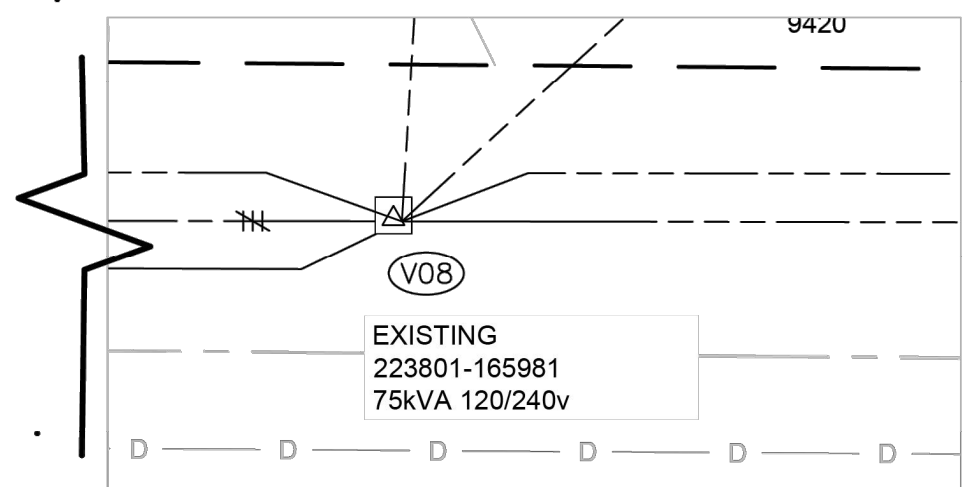
| Site | Vault Size & Cover | Type & Size Equipment in Vault | REMARKS |
|------|---|---|---------|
| HH31 | HH14350AS (10) With 2'-4" sq AS Cover PER STD 6050.2020 | 3 Position Connector MATID: 7651004 | |
| HH32 | HH33350AS (30) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH33 | HH33350AS (30) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |
| HH34 | HH33350AS (30) With 2'-4" sq AS Cover PER STD 6050.2100 | 3 Position Connectors MATID: 7651004 | |

NOTE: Per Standard 6050.2000 all metal lids of secondary hand holes must be grounded.

Vault & Equipment Table

| Site | Approximate Station & Offset From Vlt Center | Grid Number | Vault Size & Cover | Type & Size Equipment In Vault | Install Primary Bushings | | Transformer ID Numbers (Company ID) | ASBUILT INFORMATION Foreman-Complete |
|------|--|------------------|--|---|-----------------------------|----------------|-------------------------------------|--------------------------------------|
| | | | | | LB ELB10J Per STD 6041.1000 | DC MID 7630600 | | |
| V07 | STA 104+11.5 12.0 LT | 218961 158853 | Anti-Skid 4'-8"SQ x 7'-6" TUT Unistrut HH TUT1SLA (LOOP) PER STD 6045.7000 | 100kVA 120/240v MID: 6237200 | | | | |
| V08 | EXISTING | 223801 165981 | EXISTING | EXISTING | | | | |
| J02 | STA 51+81.1 16.5 LT | 218968 158863 | 4'8"X7'X5' Vault w/ 2'-3" Sq Anti-Skid doors JBOX3AS PER STD 6055.1030 | J-Box below grade w/ (3) 4 pos bus Matid: 7625900 | 4 | 8 | | |
| J03 | EXISTING | 223800 165908 | EXISTING | EXISTING | | | | |

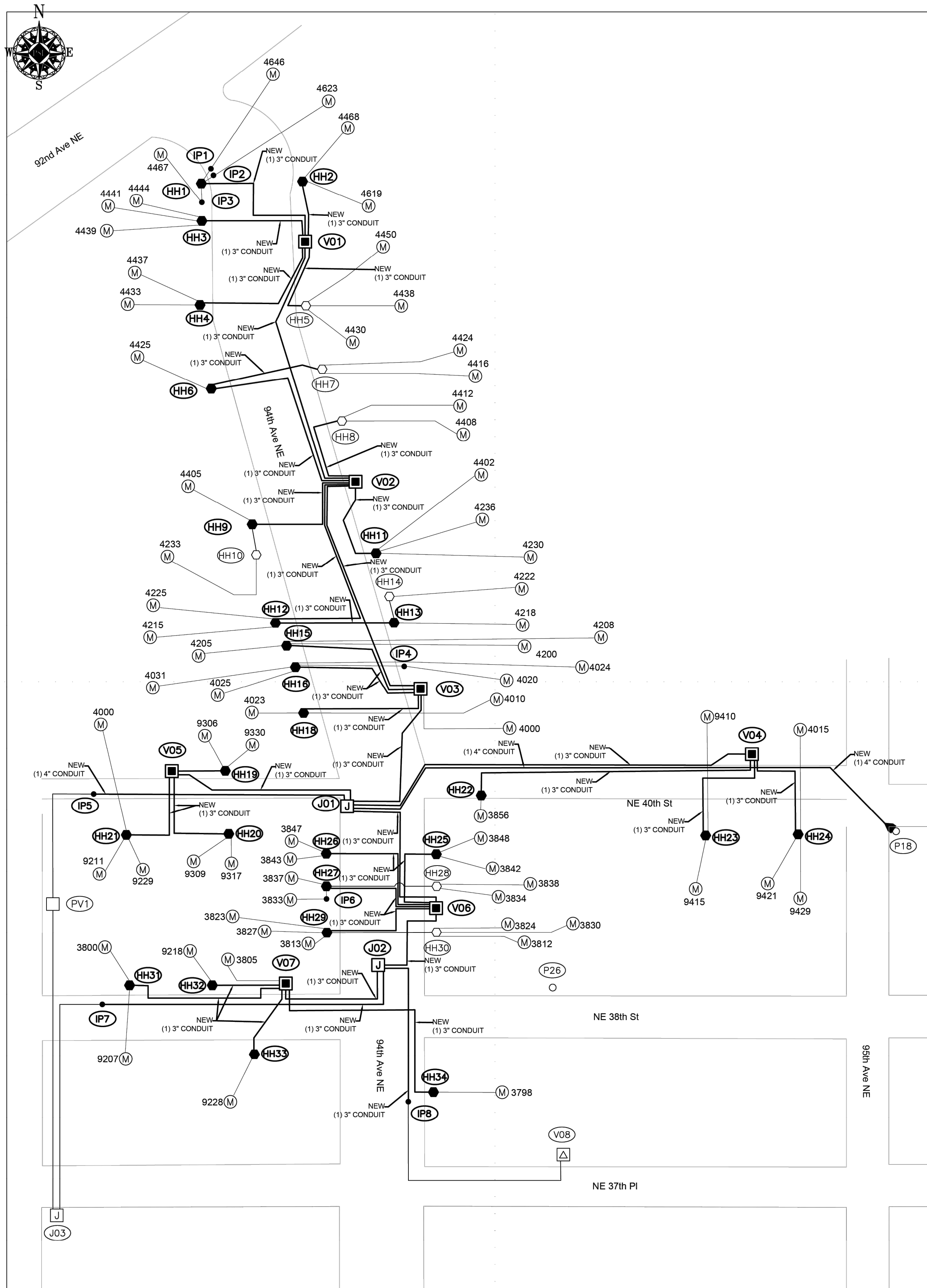
APPROX 325FT IP8 TO V08



| REAL ESTATE/EASEMENT | | PERMIT | |
|-------------------------------|------------------|--------------------------------------|--------------|
| 3 | 2 | FUNCTION | YARROW POINT |
| 3 | 2 | N/A | N/A |
| 1 | 1 | PROJECT MGR | YARROW POINT |
| 1 | 1 | ENGR - POWER | YARROW POINT |
| 1/4 SEC | 1/4 SEC | ENGR - GAS | YARROW POINT |
| U-MAP NO (POWER) | U-MAP NO (POWER) | POWER WK CTR | POWER WK CTR |
| A2505E072.73 | A2505E072.73 | CSPFEPI | CSPFEPI |
| | | CHECKED BY | CHECKED BY |
| | | APPROVED BY | APPROVED BY |
| | | FOREMAN #1 | FOREMAN #1 |
| | | FOREMAN #2 | FOREMAN #2 |
| | | MAPPING | MAPPING |
| JOINT FACILITIES ARRANGEMENTS | | | |
| UTILITIES | N/A | N/A | N/A |
| CONTACT | N/A | N/A | N/A |
| PHONE# | N/A | N/A | N/A |
| PUGET SOUND ENERGY | | 94TH AVE NE YARROW POINT | |
| | | SCHEDULE 74 | |
| | | 4467 94TH AVE NE YARROW POINT, 98004 | |
| | | DRAWING: PSE 16 | |
| INCIDENT | MAOP | Gas Order | Elect Order |
| N/A | N/A | N/A | N/A |
| SCALE | PAGE | AS NOTED | 16 / 18 |

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101149280



CONDUIT DIAGRAM
SCALE: NONE

PRIMARY CABLE & CONDUIT TABLE

| LOCATION | | CONDUIT | | | | | | PRIMARY CABLE | | | | | ASBUILT INFORMATION | | | | | | | |
|----------|-----|------------|-----|--------------------|-------|-----|-----|---------------|------------|----------------|--------------|--------------------|---------------------|--------|--------|---------------|----------|--------------------|---|--|
| FROM | TO | SIZE (in) | Qty | LENGTH Design (ft) | BENDS | | | | PULL (lbs) | PULL Rev (lbs) | Cable Size | LENGTH Design (ft) | Cable Numbers | | | Please Record | | Foreman - Complete | | |
| | | | | | 90° | 45° | 22° | 11° | | | | | A | B | C | Manufacturer | Compound | Year | Actual Amount Installed (Conduit & Cable) | |
| V01 | V02 | 3 | 1 | 425 | 1 | - | - | 1 | | | 1/0 JKT | 445 | - | EJJ625 | - | | | | | |
| V02 | V03 | 3 | 1 | 675 | 2 | - | - | - | | | 1/0 JKT | 695 | - | EJJ626 | - | | | | | |
| V03 | J01 | 3 | 1 | 175 | - | 2 | 2 | - | | | 1/0 JKT | 195 | - | EJJ627 | - | | | | | |
| J01 | V04 | 3 | 1 | 305 | 1 | 4 | - | - | | | 1/0 JKT | 325 | EJJ628 | - | - | | | | | |
| J01 | P18 | 4 | 1 | 225 | 1 | 4 | - | - | | | 1/0 JKT | 245 | EJJ630 | EJJ631 | EJJ632 | | | | | |
| J01 | V05 | 3 | 1 | 305 | 2 | - | - | - | | | 1/0 JKT | 325 | - | - | EJJ629 | | | | | |
| J01 | IP5 | 4 | 1 | 75 | 1 | 2 | - | - | | | CONDUIT ONLY | | | | | | | | | |
| J01 | PV1 | CABLE ONLY | | | | | | | | | | 1/0 JKT | 290 | ACX832 | ACX833 | ACX834 | | | | |
| J01 | V06 | 3 | 1 | 320 | - | 4 | - | - | | | 1/0 JKT | 340 | - | EJJ633 | - | | | | | |
| V06 | J02 | 3 | 1 | 250 | 1 | 2 | - | - | | | 1/0 JKT | 270 | - | - | EJJ634 | | | | | |
| J02 | V07 | 3 | 1 | 225 | 2 | 2 | - | - | | | 1/0 JKT | 245 | - | EJJ635 | - | | | | | |
| J02 | IP7 | 3 | 1 | 490 | 2 | 2 | - | 2 | | | CONDUIT ONLY | | | | | | | | | |
| J02 | J03 | CABLE ONLY | | | | | | | | | | 1/0 JKT | 860 | - | EJJ636 | - | | | | |
| J02 | IP8 | 3 | 1 | 175 | 1 | 4 | - | - | | | CONDUIT ONLY | | | | | | | | | |
| J02 | V08 | CABLE ONLY | | | | | | | | | | 1/0 JKT | 500 | - | EJJ637 | - | | | | |

SECONDARY CABLE & CONDUIT TABLE

| LOCATION | | CABLE | | CONDUIT | | | | ASBUILT INFORMATION | | | |
|----------|------|--------------------|--------------------|------------|--------------------|-------|-----|---------------------|-----|---|--|
| FROM | TO | SIZE (1/0,4/0,350) | LENGTH Design (ft) | SIZE (in) | LENGTH Design (ft) | BENDS | | | | Foreman - Complete | |
| | | | | | | 90° | 45° | 22° | 11° | Actual Amount Installed (Conduit & Cable) | |
| V01 | HH1 | 350 TPX | 240 | 3 | 230 | 2 | - | - | 4 | | |
| V01 | HH2 | 350 TPX | 230 | 3 | 220 | 2 | - | - | 4 | | |
| V01 | HH3 | 350 TPX | 100 | 3 | 90 | 2 | - | - | - | | |
| V01 | HH4 | 350 TPX | 90 | 3 | 80 | 2 | - | - | - | | |
| V01 | HH5 | 350 TPX | 70 | 3 | 60 | 2 | - | - | - | | |
| HH1 | IP1 | 350 TPX | 15 | 3 | 5 | - | - | - | - | | |
| HH1 | IP2 | 350 TPX | 25 | 3 | 15 | - | - | - | - | | |
| HH1 | IP3 | 350 TPX | 25 | 3 | 15 | - | - | - | - | | |
| V02 | HH6 | 350 TPX | 250 | 3 | 240 | 2 | - | - | - | | |
| HH6 | HH7 | 350 TPX | 50 | 3 | 40 | - | 1 | - | - | | |
| V02 | HH8 | 350 TPX | 175 | 3 | 165 | 3 | - | - | - | | |
| V02 | HH9 | 350 TPX | 55 | 3 | 45 | 2 | - | - | - | | |
| V02 | HH11 | 350 TPX | 145 | 3 | 135 | 1 | 2 | - | - | | |
| V02 | HH12 | 350 TPX | 240 | 3 | 230 | 2 | - | - | - | | |
| HH12 | HH13 | 350 TPX | 50 | 3 | 40 | - | 1 | - | - | | |
| V03 | HH15 | 350 TPX | 375 | 4 | 365 | 2 | - | - | - | | |
| V03 | HH15 | 350 TPX | 375 | CABLE ONLY | | | | | | | |
| V03 | HH16 | 350 TPX | 205 | 3 | 195 | 2 | - | - | - | | |
| V03 | HH18 | 350 TPX | 40 | 3 | 30 | - | - | - | - | | |
| HH16 | IP4 | 4/0 SEC | 65 | 3 | 55 | 1 | - | - | - | | |
| V05 | HH19 | 4/0 SEC | 120 | 3 | 110 | - | - | - | - | | |
| V05 | HH20 | 4/0 SEC | 145 | 3 | 135 | 2 | - | - | - | | |
| V05 | HH21 | 4/0 SEC | 80 | 3 | 70 | 2 | - | - | - | | |
| V04 | HH22 | 1/0 SEC | 215 | 3 | 205 | 1 | 2 | - | - | | |
| V04 | HH23 | 1/0 SEC | 70 | 3 | 60 | 1 | 2 | - | - | | |
| V04 | HH24 | 1/0 SEC | 125 | 3 | 115 | 1 | 2 | - | - | | |
| V06 | HH25 | 4/0 SEC | 195 | 3 | 185 | 2 | - | - | - | | |
| V06 | HH26 | 4/0 SEC | 195 | 3 | 185 | 2 | - | - | - | | |
| V06 | HH27 | 4/0 SEC | 115 | 3 | 105 | 2 | - | - | - | | |
| V06 | HH29 | 4/0 SEC | 180 | 3 | 170 | 2 | - | - | - | | |
| HH27 | IP6 | 4/0 SEC | 40 | 3 | 30 | - | - | - | - | | |
| V07 | HH31 | 4/0 SEC | 280 | 3 | 270 | 2 | - | - | - | | |
| V07 | HH32 | 4/0 SEC | 135 | 3 | 125 | 2 | - | - | - | | |
| V07 | HH33 | 4/0 SEC | 30 | 3 | 20 | - | - | 1 | - | | |
| V07 | HH34 | 4/0 SEC | 85 | 3 | 75 | 3 | - | - | - | | |

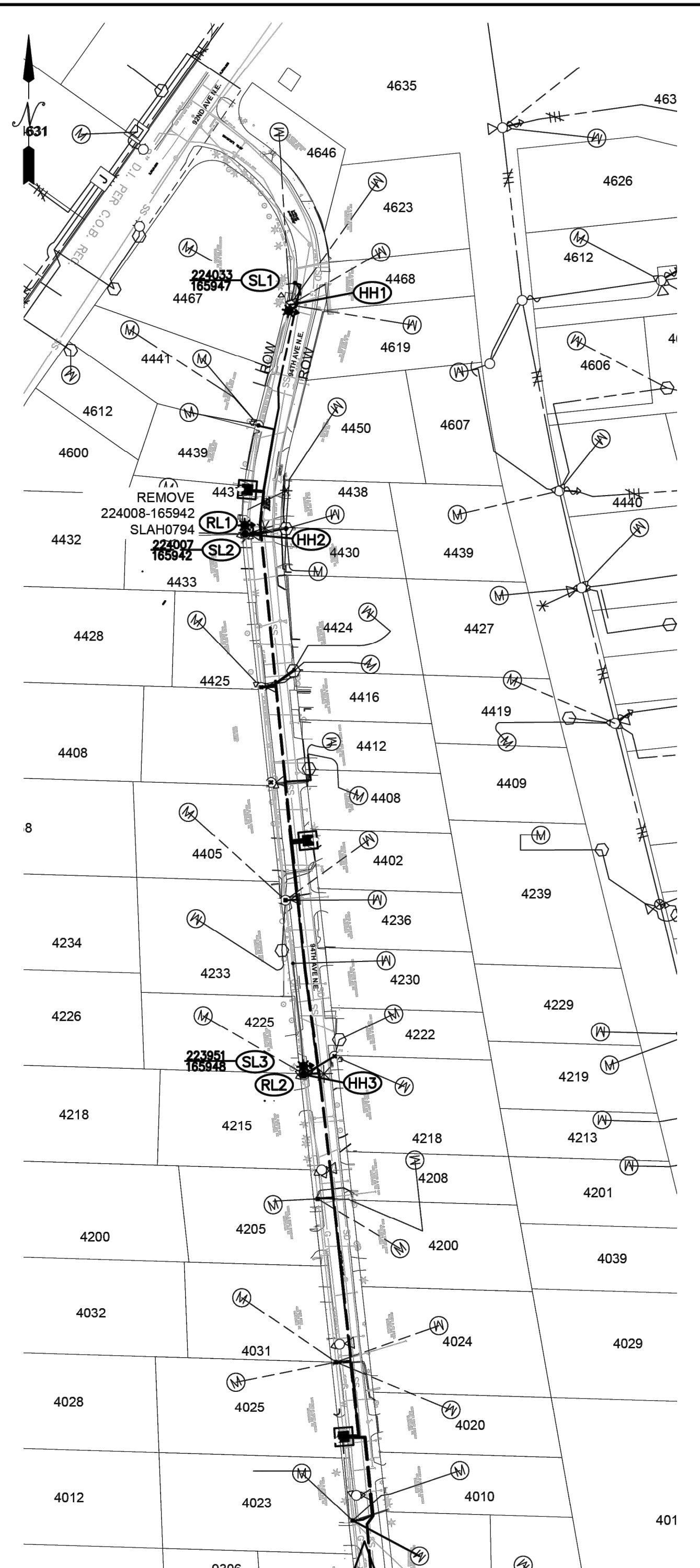
NOTE: 2 RUNS OF 350 IN (1) 4\"/>

101149280

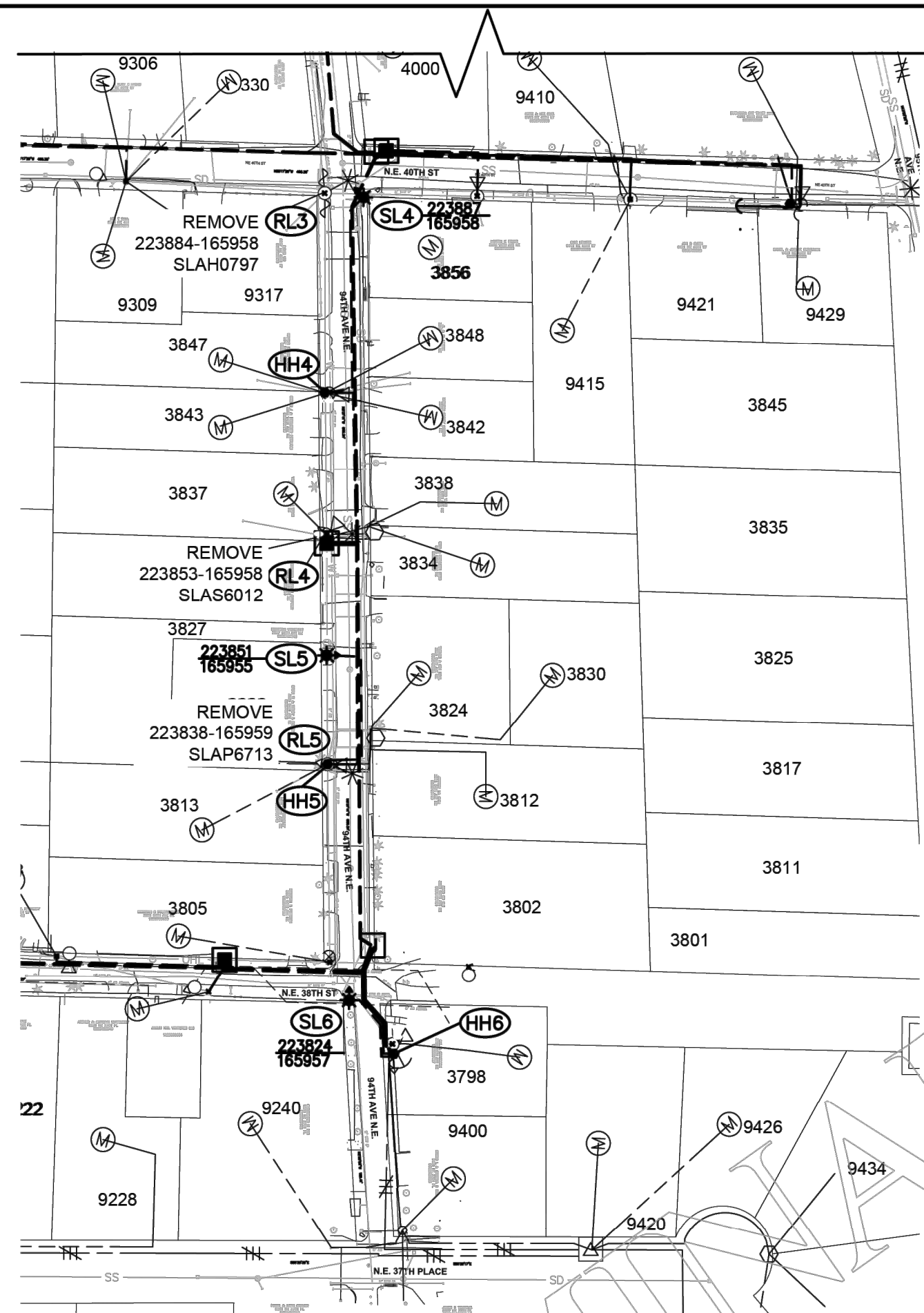
| REV# | | DATE | BY | DESCRIPTION | ENGR - GAS | N/A | N/A | N/A | | | |
|------------------|---------------|--------------------|-----------|--------------------------------------|--------------|--------------|---------|-------------------------------|-------------------|----------------|----------|
| 3 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| COUNTY | KING | Emer Sect | N/A | Gas Wk Ctr | N/A | POWER WK CTR | CSPFEPI | DRAWN BY | HOLLY SOREM | 253-208-8843 | 10/13/23 |
| U-MAP NO (POWER) | S18.19.25.05E | OH CKT MAP | D2505E076 | UG CKT MAP | R2505E072.73 | CIRCUIT NO | MED-33 | CHECKED BY | <i>Rylee Fray</i> | (206) 930-8544 | 10/13/23 |
| UTILITIES | | N/A | N/A | N/A | N/A | N/A | N/A | JOINT FACILITIES ARRANGEMENTS | | | |
| CONTACT | | N/A | N/A | N/A | N/A | N/A | N/A | INCIDENT | | | |
| PHONE# | | N/A | N/A | N/A | N/A | N/A | N/A | MAOP | | | |
| PSE | | PUGET SOUND ENERGY | | 94TH AVE NE YARROW POINT | | | | SCHEDULE 74 | | 101149280 | |
| | | | | 4467 94TH AVE NE YARROW POINT, 98004 | | | | SCALE | | PAGE | |
| | | | | DRAWING: PSE 17 | | | | AS NOTED | | 17 / 18 | |

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Jan 12, 2024 - 3:07pm X:\StrikerPartners\Job Files\Al Warren\ACTIVE\YARROW POINT\105101603 - 94th AVE NE Change Out - 94th AVE NE CAD\ R3 105101603 94th Ave NE Yarrow PL STI.dwg



SITE PLAN
SCALE: 1" = 100'



SITE PLAN
SCALE: 1" = 100'

STREET LIGHT CIRCUITRY TABLE (105101603)

| SITE # | FROM | CABLE INFO | | AS-BUILT | | REMARKS |
|--------|------|------------|----------------|------------|--------|---------|
| | | TYPE | LF | TYPE | LENGTH | |
| HH1 | SL1 | #6 TPX | 40 | | | |
| HH2 | SL2 | #6 TPX | 15 | | | |
| HH3 | SL3 | #6 TPX | 15 | | | |
| HH4 | SL4 | #6 TPX | 190 | | | |
| HH5 | SL5 | #6 TPX | 150 | | | |
| HH6 | SL6 | #6 TPX | 80 | | | |
| | | | TOTAL FT = 490 | TOTAL FT = | | |

STREET LIGHT TABLE

| SITE # | POLE | | | LUMINAIRE | | | TUBE | POLE BASE TYPE (Direct Buried or Basemount) | WO # (INTOLIGHT) | BILLING SCH. | TOTAL CONN LOAD | SMART STREET LIGHT NODE | NOTES |
|--------|------------------|----------|------|---------------|-----------------------|-----|------|---|------------------|--------------|-----------------|-------------------------|-------|
| | GRID # | TAG # | TYPE | PREV LUM | ORIGINAL INSTALL DATE | ARM | | | | | | | |
| RL1 | 224008 165942 | SLAH0794 | WOOD | 100W HPS CHFL | 1977 | 8' | 53 | 108139014 | | | | | |
| RL2 | 223950 165948 | SLAH0793 | WOOD | 100W HPS CHFL | 1977 | 8' | 53 | 108139014 | | | | | |
| RL3 | 223884 165958 | SLAH0797 | WOOD | 100W HPS CHFL | 1977 | 8' | 53 | 108139014 | | | | | |
| RL4 | 223853 165958 | SLAS6012 | WOOD | 100W HPS CHFL | 2013 | 8' | 53 | 108139014 | | | | | |
| RL5 | 223838 165959 | SLAP6713 | WOOD | 100W HPS CHFL | 1977 | 8' | 53 | 108139014 | | | | | |

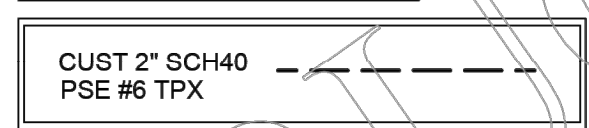
STREET LIGHT TABLE

| SITE # | GRID # | INTOLIGHT TAG # | POLE | | | LUMINAIRE | | TUBE | | POLE BASE TYPE (Direct Buried or Basemount) | WO # (INTOLIGHT) | BILLING SCH. | TOTAL CONN LOAD | SMART STREET LIGHT NODE | NOTES |
|--------|------------------|-----------------|---------------------------------|---------|-------|-----------|-------------------------------|-------------|---------------|---|------------------|--------------|-----------------|-------------------------|-------|
| | | | TYPE | MTG HT. | ARM | WATTS | STYLE | TUBE LENGTH | TUBE DIAMETER | | | | | | |
| SL1 | 224033 165947 | | VALMONT RND STEEL TAPERED DKGRN | 24' | TRA5D | 49W | AAL PROMENADE 3000K TY2 DKGRN | 4' | 18" | 4-BOLT FIXED BASE | 105101603 | 51 | 120/240 | | |
| SL2 | 224007 165942 | | VALMONT RND STEEL TAPERED DKGRN | 24' | TRA5D | 49W | AAL PROMENADE 3000K TY2 DKGRN | 4' | 18" | 4-BOLT FIXED BASE | 105101603 | 51 | 120/240 | | |
| SL3 | 223951 165948 | | VALMONT RND STEEL TAPERED DKGRN | 24' | TRA5D | 49W | AAL PROMENADE 3000K TY2 DKGRN | 4' | 18" | 4-BOLT FIXED BASE | 105101603 | 51 | 120/240 | | |
| SL4 | 223887 165958 | | VALMONT RND STEEL TAPERED DKGRN | 24' | TRA5D | 49W | AAL PROMENADE 3000K TY2 DKGRN | 4' | 18" | 4-BOLT FIXED BASE | 105101603 | 51 | 120/240 | | |
| SL5 | 223851 165955 | | VALMONT RND STEEL TAPERED DKGRN | 24' | TRA5D | 49W | AAL PROMENADE 3000K TY2 DKGRN | 4' | 18" | 4-BOLT FIXED BASE | 105101603 | 51 | 120/240 | | |
| SL6 | 223824 165947 | | VALMONT RND STEEL TAPERED DKGRN | 24' | TRA5D | 49W | AAL PROMENADE 3000K TY2 DKGRN | 4' | 18" | 4-BOLT FIXED BASE | 105101603 | 51 | 120/240 | | |

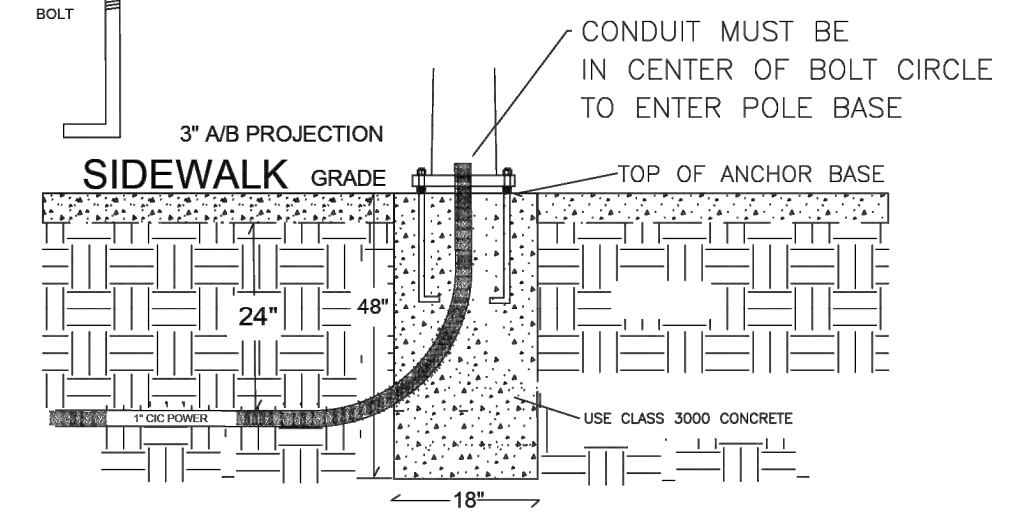
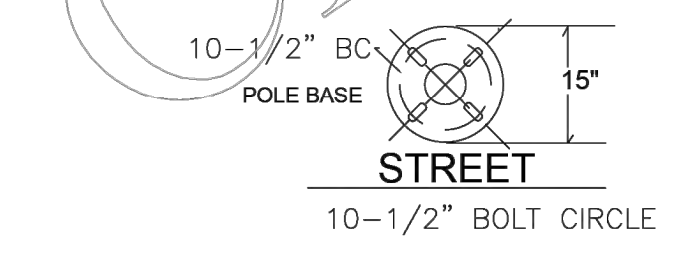
SITE SPECIFIC NOTES

- HH1 - HH6:**
 - NEW HANDHOLES PROVIDED BY PSE PI DEPT.
 - CONNECT AND TAG NEW #6 SEC CIRCUITRY
- RL1 - RL5:**
 - REMOVE EXISTING 100W HPS AND ARM.
 - FLAGGING REQUIRED
- SL1-SL6**
 - INST NEW VALMONT 24' MH RND TAPERED GRN POLES
 - DRILL FOR AAL TRASD, ON 4 BOLT FIXED CONC BASE
 - INST NEW PROMENADE 49W LED DARK GREEN LUMINAIRE ON TRASD ARM
 - ORIENT AS SHOWN
 - INST SMART NODE AND SERIAL NUMBER
 - INST STREET LIGHT TAG
 - FLAGGING REQUIRED
- SPAN NOTES**
 - DEVELOPER TO PROVIDE AND INSTALL ALL SCH40 COND.
 - SEE CONDUIT DIAGRAM AND TRENCH DETAIL
 - POTELCO TO INSTALL #6 TPX IN CONDUIT (SEE TABLE)
- AUU NOTES:**
 - SL1 - SL6**
 - INST CONCRETE BASE - GALVANIZED STEEL 4 BOLT. (SEE DETAIL)

CONDUIT LEGEND

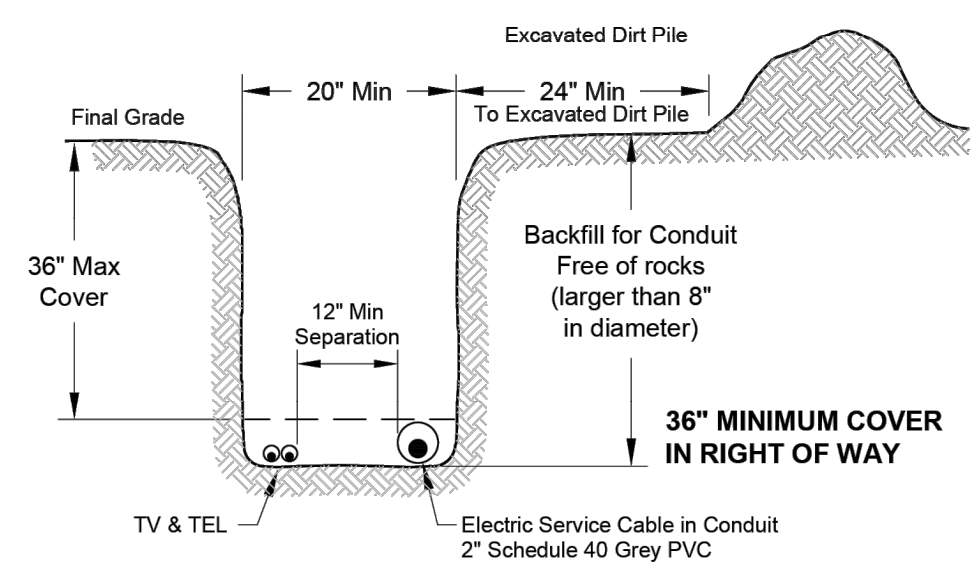


CONDUIT DIAGRAM
Electric Service Cable in Conduit (NTS)



DETAIL FIXED BASE

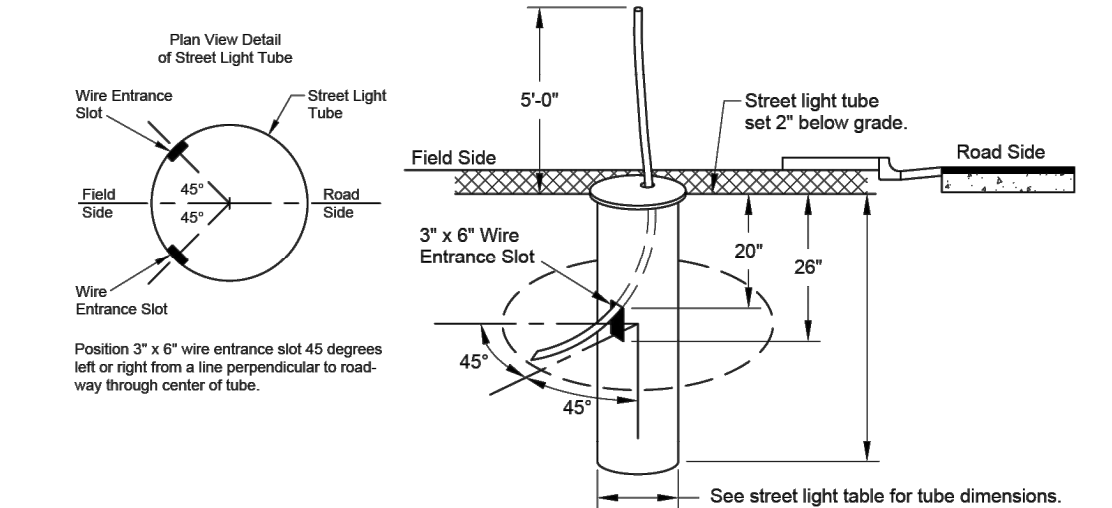
Backfill for In Conduit - The backfill layer shall be soil that is free from construction debris, glass, sharp rocks, frozen clods, and rocks larger than 8" in diameter.



CUSTOMER-SUPPLIED JOINT TRENCH DETAIL
Electric Service Cable in Conduit (NTS)

STREET LIGHT NOTES

- POTELCO:**
- ALL STREET LIGHTING POLES ARE TO BE INSTALLED PER STANDARD 6375.4800 (PAGE #2) IN THE "LINE WORK PRACTICES MANUAL".
 - ALL POLES (WOOD, CONCRETE OR FIBERGLASS) ARE TO BE SET PLUMB AND EMBEDDED TO THE GROUND LINE MARKED ON THE POLE.
 - BACKFILL AROUND POLE WITH 5/8" MINUS GRAVEL AND COMPACT IN 6" LIFTS. (PEA GRAVEL AND NATIVE SOILS ARE NOT ACCEPTABLE.) APPROXIMATELY 1 CU. YD. OF 5/8" MINUS CRUSHED ROCK WILL BE REQUIRED.
 - IN ALL SHOEBOX AND COBRAHEAD INSTALLATIONS, THE LUMINAIRE MUST BE LEVELLED.
- DEVELOPER / CUSTOMER:**
- THE DEVELOPER IS REQUIRED TO SUPPLY AND INSTALL PLASTIC (NON PAPER) STREET LIGHT TUBES (MINIMUM 18" DIAMETER) TO AID IN THE INSTALLATION OF THE STREET LIGHTING POLES.
 - DEVELOPER MUST SUPPLY DURABLE LID/COVER AT EACH STREET LIGHT TUBE.
 - DEVELOPER TO PROVIDE ALL TRENCHING AND CONDUIT WITH PULL-STRINGS FOR STREET LIGHTING CIRCUITRY.
 - CONDUIT SHALL BE SCH 40 PVC.



STREET LIGHT TUBE DETAIL
SCALE: NONE

EROSION & SEDIMENT CONTROL REQUIREMENTS
EROSION & SEDIMENT CONTROL SHALL BE PER PSE STANDARD PRACTICE 0150.3200 TECHNIQUES FOR TEMPORARY EROSION & SEDIMENT CONTROL & ANY ADDITIONAL LOCAL JURISDICTION REQUIREMENTS. (LOCAL JURISDICTIONS MAY HAVE ADDITIONAL REQUIREMENTS INCLUDING NOTES DETAILING WHERE EROSION OR SEDIMENT CONTROL STRUCTURES ARE TO BE INSTALLED, CROSS SECTION DETAILS OF THE TYPICAL EROSION STRUCTURES, & SPECIAL REQUIREMENTS FOR WORK IN SENSITIVE AREAS.)

FOREMAN (CHECK BOX WHEN COMPLETED)

- PSE Equipment LOCKED/SECURED & Work Area left in CLEAN/SAFE Condition.
- Grid, Cable, and Switch numbers INSTALLED & VERIFIED.
- Field Changes RE-DEFINED on As-built.
- Material VERIFIED and CHANGES noted on Paperwork.
- Total PRIMARY Cable noted on As-built.
- Company ID#s RECORDED in correct location on As-built.
- Indicate correct FUSE SIZE on As-built & VERIFY proper PHASE.
- Deviations noted on the As-built and their reason.

I certify that the work performed meets PSE's standards and procedures and that all quality requirements are met.

Foreman's Signature: _____ Date: _____

| PROJECT PHASE | NOTIF# | ORDER# |
|---------------|----------|-----------|
| PWR | Superior | 513340571 |
| | | 108139014 |
| | | 141xxxxxx |



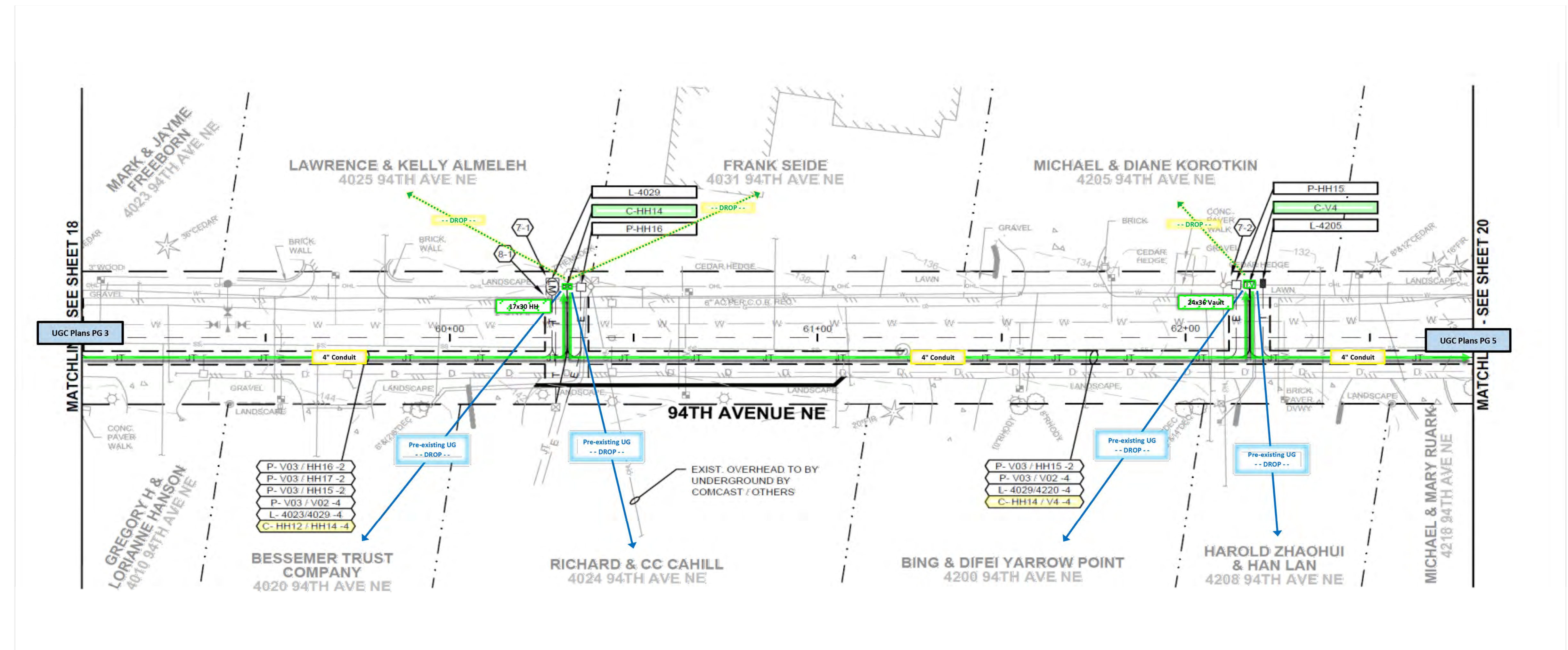
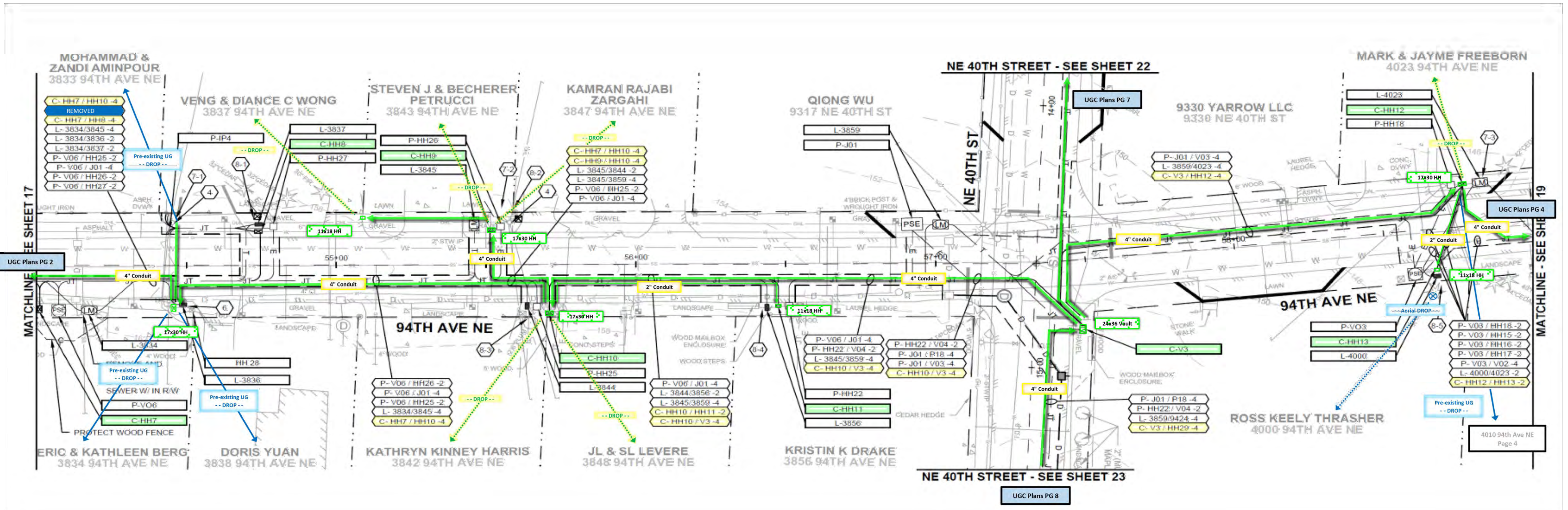
Project Manager Contact Information:
Manager: LANE MAHLER
Cell Phone: 425-462-3624
E-Mail: LANE.MAHLER@PSE.COM

Developer Locates Req'd Yes
PSE Locates Req'd No
Outages Req'd No
Flagging Req'd Yes

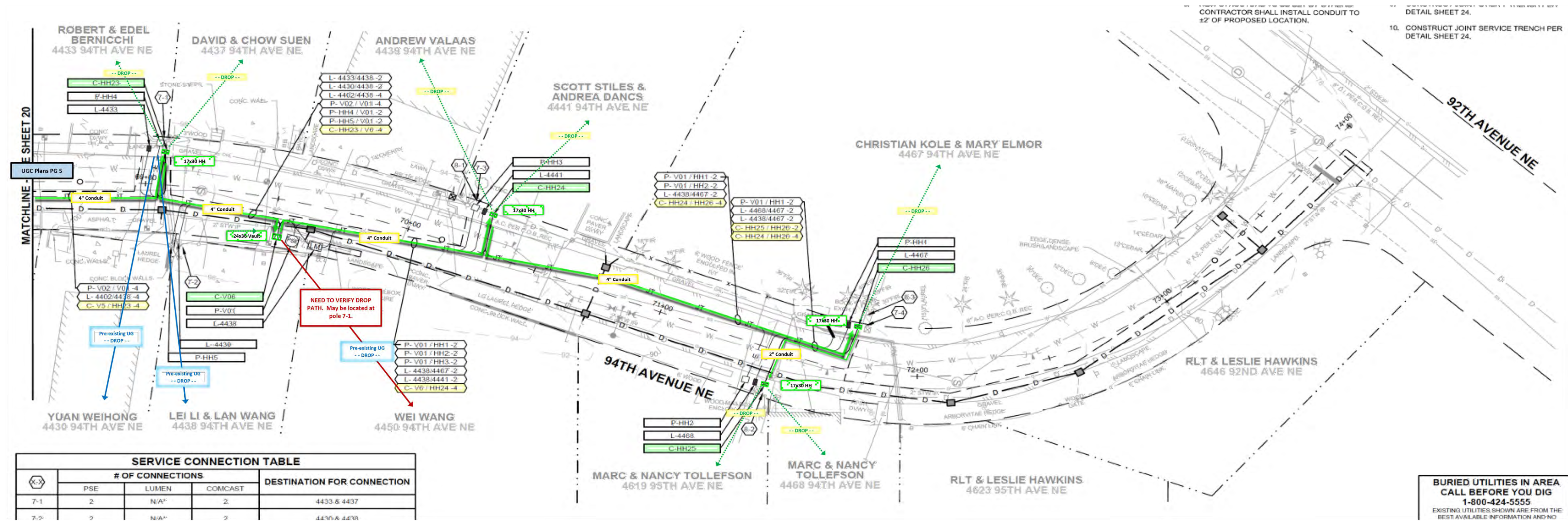
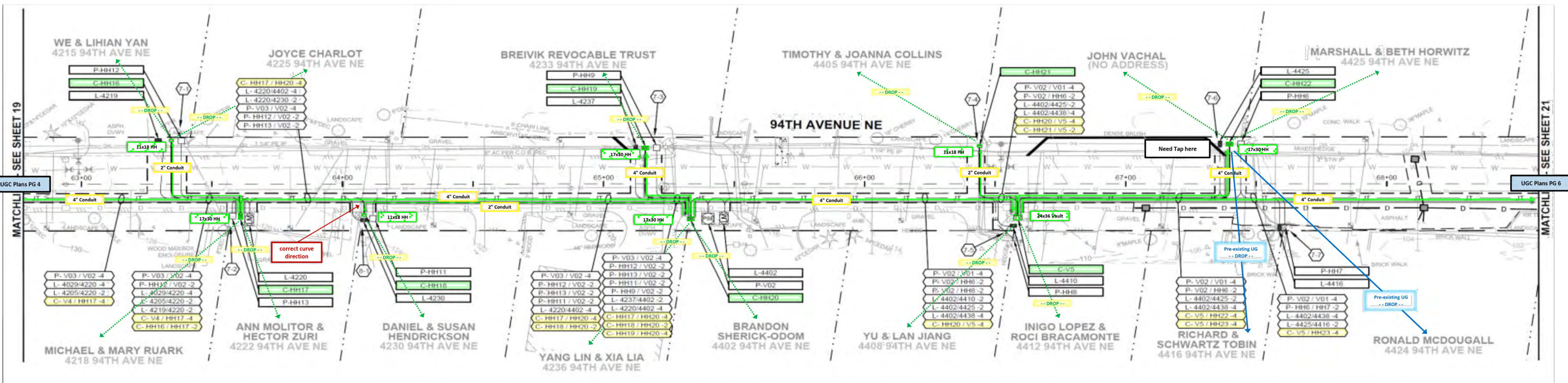
Owner / Developer Contact Info
CITY OF YARROW POINT
N/A
ATTN: Stacia Schroeder 206) 276-8922 office
For contacts below dial 1-888-CALL PSE (225-5773)

CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG

| NEW BUSINESS | | | | CORRECTIVE / 10 DAY WAIVED | | | | REAL ESTATE/EASEMENT | | | | PERMIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|----------------------------------|------|----------------------------|----|-------------|------|----------------------|--------------|---------------------------------------|--------|--------------|-------------|--------------|--------|------------|---------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|----------|------|-----------------------|--|--|--|--|--|--|--|--|--|-----------|-------------|--|--|--|--|--|--|--|--|--|--|---------------------------------------|--|-----------|--|--|--|--|--|--|--|--|--|--|--|-------|------|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|-----|--|
| 3 | 2 | 1 | REV# | DATE | BY | DESCRIPTION | DATE | FUNCTION | CONTACT | YARROW POINT | DATE | FUNCTION | CONTACT | YARROW POINT | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | ACCOUNT MGR | L. GOLDSMITH | 425-395-5225 | 6/7/23 | ENGR - POWER | A. WARREN | 253-508-7859 | 6/7/23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | ENGR - GAS | N/A | N/A | N/A | ENGR - GAS | N/A | N/A | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | DRAWN BY | A. WARREN | 253-508-7859 | 6/7/23 | CHECKED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | APPROVED BY | | | | FOREMAN #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | FOREMAN #2 | | | | MAPPING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JOINT FACILITIES ARRANGEMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTILITIES | | | | N/A | | | | N/A | | | | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTACT | | | | N/A | | | | N/A | | | | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHONE# | | | | N/A | | | | N/A | | | | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td rowspan="2">PSE</td> <td rowspan="2">PUGET SOUND ENERGY</td> <td colspan="10">City of Yarrow Point 94th AVE NE</td> <td>INCIDENT</td> <td>MAOP</td> </tr> <tr> <td colspan="10">REMOVAL & NEW INSTALL</td> <td>Gas Order</td> <td>Elect Order</td> </tr> <tr> <td colspan="10"></td> <td colspan="2">4439 94th AVE NE, YARROW POINT, 98004</td> <td colspan="2">105101603</td> </tr> <tr> <td colspan="10"></td> <td>SCALE</td> <td>PAGE</td> <td colspan="2"></td> </tr> <tr> <td colspan="10"></td> <td colspan="2">AS NOTED</td> <td colspan="2">1/1</td> </tr> </table> | | | | | | | | | | | | | | | | PSE | PUGET SOUND ENERGY | City of Yarrow Point 94th AVE NE | | | | | | | | | | INCIDENT | MAOP | REMOVAL & NEW INSTALL | | | | | | | | | | Gas Order | Elect Order | | | | | | | | | | | 4439 94th AVE NE, YARROW POINT, 98004 | | 105101603 | | | | | | | | | | | | SCALE | PAGE | | | | | | | | | | | | | AS NOTED | | 1/1 | |
| PSE | PUGET SOUND ENERGY | City of Yarrow Point 94th AVE NE | | | | | | | | | | INCIDENT | MAOP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | REMOVAL & NEW INSTALL | | | | | | | | | | Gas Order | Elect Order | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 4439 94th AVE NE, YARROW POINT, 98004 | | 105101603 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | SCALE | PAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | AS NOTED | | 1/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



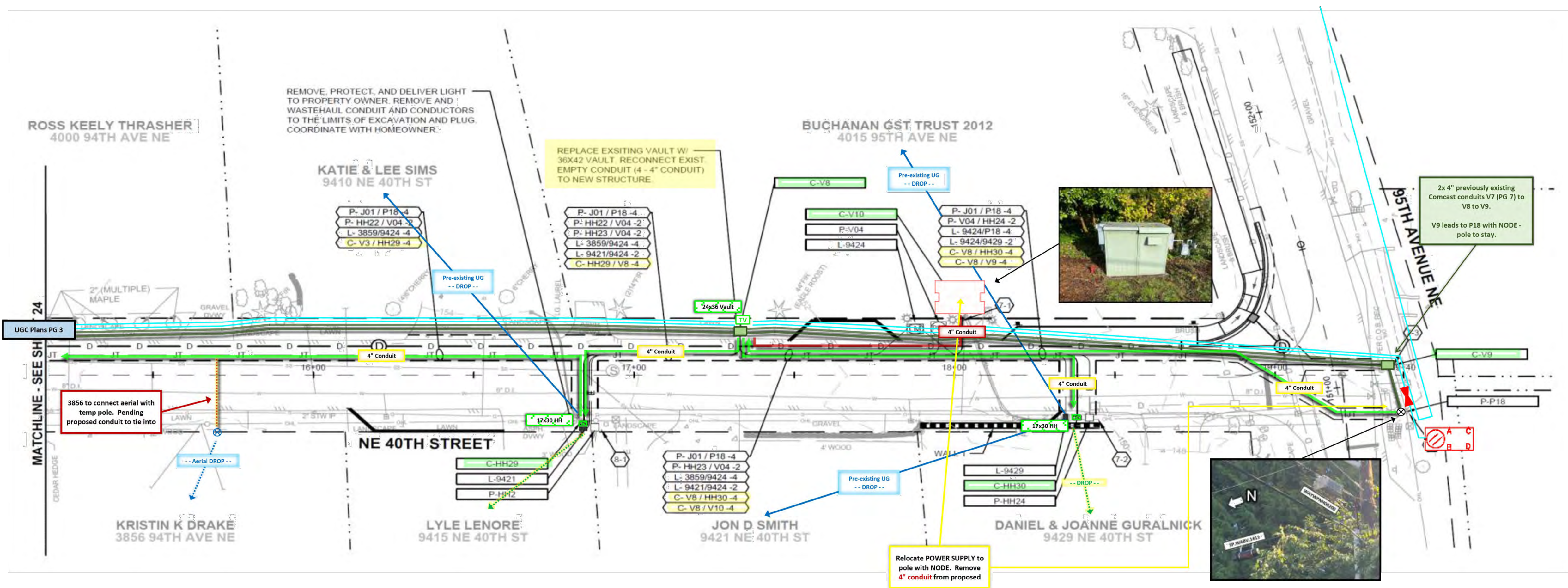
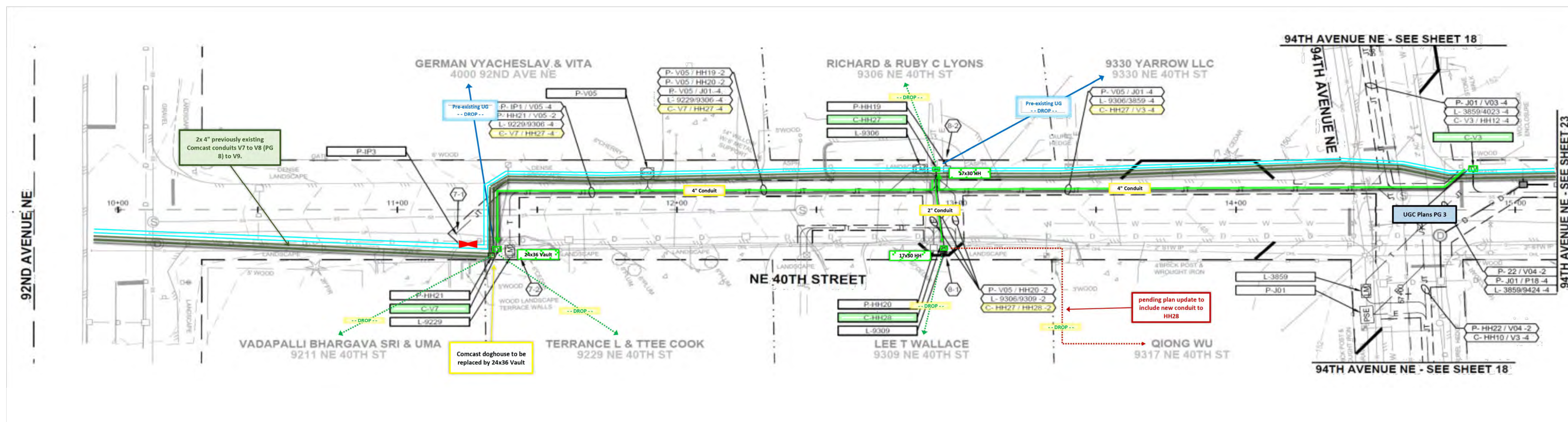
**COMCAST MARKUP
ON JANUARY 5, 2024**



| SERVICE CONNECTION TABLE | | | | |
|--------------------------|------------------|-------|---------|----------------------------|
| Symbol | # OF CONNECTIONS | | | DESTINATION FOR CONNECTION |
| | PSE | LUMEN | COMCAST | |
| 7-1 | 2 | N/A* | 2 | 4433 & 4437 |
| 7-2 | 2 | N/A* | 2 | 4438 & 4441 |

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