CROOK COUNTY JUSTICE CENTER 260 NW 2ND STREET PRINEVILLE, OREGON 97754 PHASE: SITE DESIGN SET CLIENT: CROOK COUNTY



VICINITY MAP

PROJECT CONTACT INFORMATION

OWNER:

CROOK COUNTY ADMINISTRATION 300 NE THIRD STREET PRINEVILLE, OREGON 97754 PHONE: (541) 447-6555 CONTACT: BRIAN BARNEY

CIVIC SPECIALIST: KMB ARCHITECTS 906 COLUMBIA ST. SW, SUITE 400 OLYMPIA, WA 9850 PHONE: (360) 528-2762 CONTACT: BILL VALDEZ

CIVIL & LANDSCAPE: HHPR, INC. 250 NW FRANKLIN AVE, SUITE #404 BEND, OR 97703 PHONE: (541) 318-1161 CONTACT: NICOLAS SPEROS

BUILDER (CMGC): KIRBY NAGELHOUT CONSTRUCTION COMPANY 63049 LOWER MEADOW DRIVE BEND, OR 97701 PHONE: 541 389 7119 CONTACT: MIKE CUSTER ARCHITECT: PINNACLE ARCHITECTURE, INC 960 SW DISK DRIVE, SUITE 101 BEND, OREGON 97702 PHONE: (541) 388-9897 CONTACT: BRIANA MANFRASS

STRUCTURAL: TK1SC 616 1ST AVENUE, SUITE 500 SEATTLE, WA 98104 PHONE: (206) 596-4400 CONTACT: JASON TORNQUIST

MEP: PAE ENGINEERS 1501 EAST MADISON STREET, SUITE 300 SEATTLE, WA 98122 PHONE: (503) 226-2921 CONTACT: BRANDON WATT

PROJECT INFORMATION

DESCRIPTION: NEW CIRCUIT COURTS, SHERIFF'S DEPARTMENT & HOLDING WITH ADMIN OFFICES THROUGHOUT.

OCCUPANCY TYPE: BUSINESS (B), ASSEMBLY (A-3), INSTITUTIONAL (I-3) CONSTRUCTION TYPE:

II-B LEGAL DESCRIPTION:

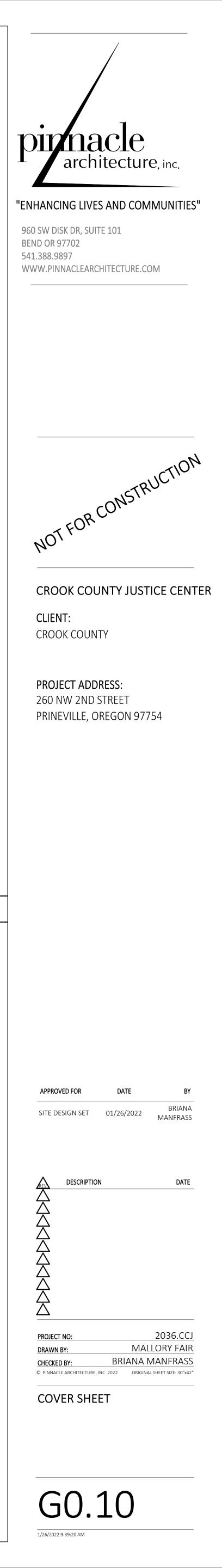
TAX LOTS 900 (LOTS 1, 2, &3), 1200 (LOTS 4, 5, W. 13'6) & 1400 (E. 67', LOT 6)

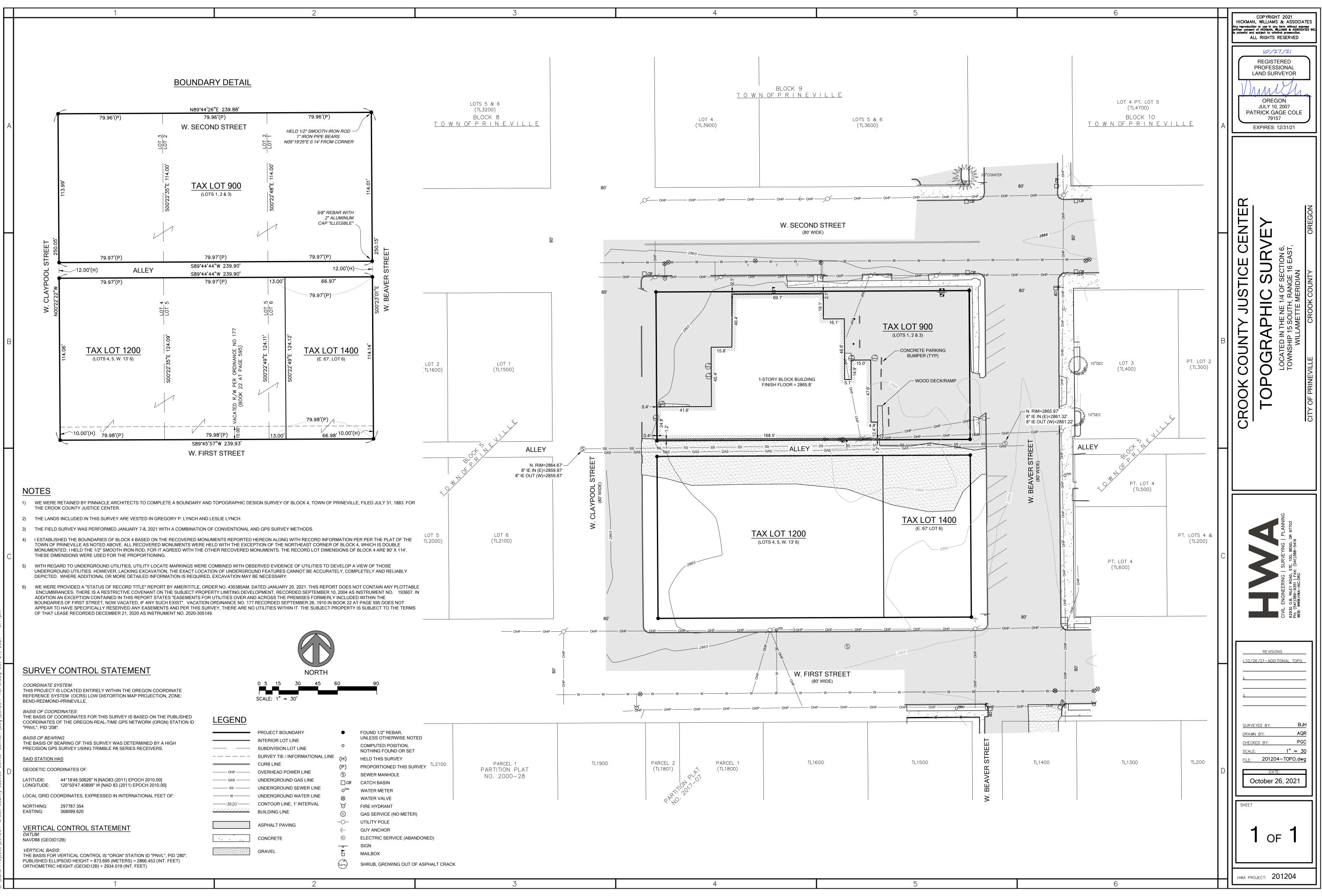
ZONING: C1 COMMERCIAL BUILDING AREA: 67,017 SQUARE FEET



DRAWING INDEX

| SHEET LIST | | | | |
|-------------------------------|-------------------------------------|--|--|--|
| Sheet Number | Sheet Name | | | |
| 01 - GENERAL | | | | |
| G0.10 | COVER SHEET | | | |
| | | | | |
| 02 - EXISTING CONDITIONS | | | | |
| 1.0 | SURVEY | | | |
| 03 - SITE | | | | |
| AS1.10 | ARCHITECTURAL SITE PLAN | | | |
| | | | | |
| 04 - CIVIL | | | | |
| C1.0 | EXISTING CONDITIONS | | | |
| C2.0 | PRELIMINARY CIVIL SITE PLAN | | | |
| C3.0 | PRELIMINARY GRADING & DRAINAGE PLAN | | | |
| C4.0 PRELIMINARY UTILITY PLAN | | | | |
| 05 - LANDSCAPE | | | | |
| L1.0 | LANDSCAPE CONSTRUCTION PLAN | | | |
| L2.0 | PLANTING PLAN | | | |
| L3.0 IRRIGATION PLAN | | | | |
| | | | | |
| 07 - ARCHITECTURAL A1.10 | FLOOR PLAN - LEVEL 01 | | | |
| A1.11 | FLOOR PLAN - LEVEL 02 | | | |
| A1.12 | FLOOR PLAN - LEVEL 03 | | | |
| A1.30 | ROOF PLAN | | | |
| A2.10 | EXTERIOR ELEVATIONS | | | |
| | 1 | | | |
| 14 - LIGHTING | | | | |
| EL0.02 | LUMINAIRE SCHEDULE | | | |
| EL0.10 | SITE PLAN - LIGHTING | | | |
| EP1.10 | SITE PHOTOMETRICS | | | |







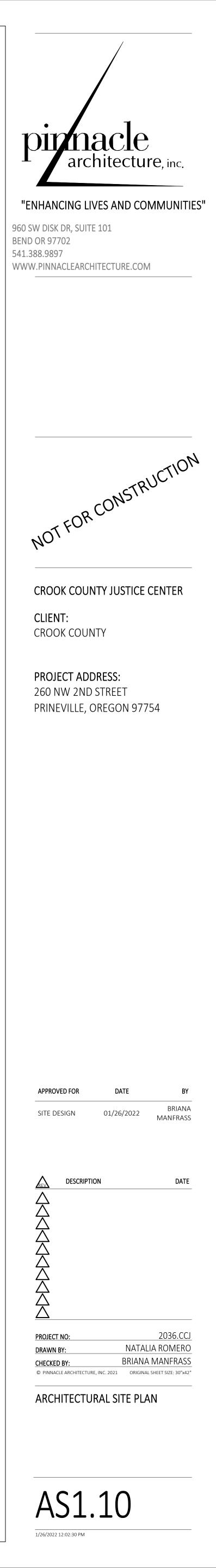
GENERAL NOTES

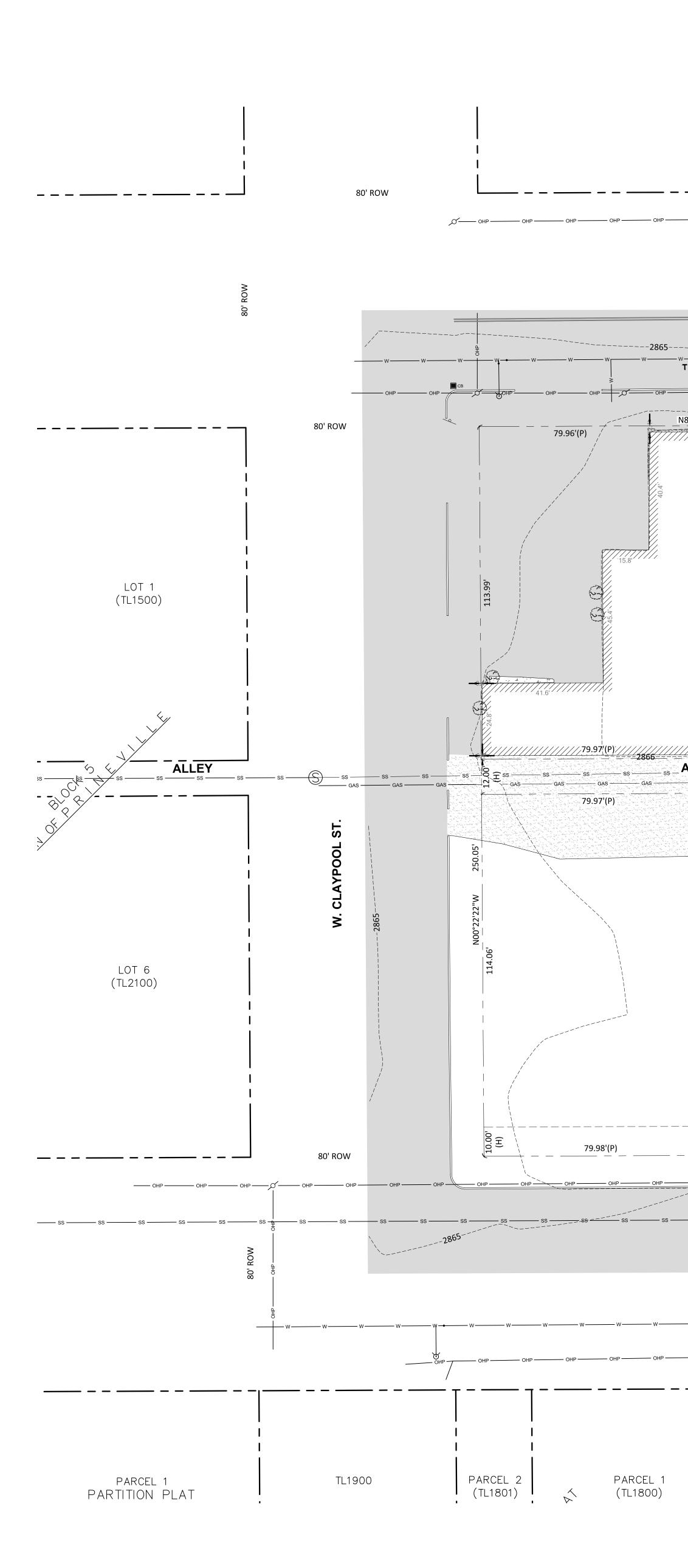
SEE CIVIL, LANDSCAPE AND ELECTRICAL PLANS FOR MORE INFORMATION. SEE BURDEN OF PROOF FOR MORE INFORMATION.

| | KEYNOTES | | | | |
|-----------|---------------------------|--|--|--|--|
| Key Value | Keynote Text | | | | |
| SP001 | MONUMENT SIGN | | | | |
| SP002 | PLANTER BEDS | | | | |
| SP003 | (4) BIKE PARKING PER AREA | | | | |
| SP004 | MAIN ENTRY | | | | |
| SP005 | REAR ENTRY | | | | |
| SP006 | GENERATOR | | | | |
| SP007 | TRASH ENCLOSURE | | | | |
| SP008 | FLAG POLES | | | | |
| SP009 | DRAINAGE AREA | | | | |
| SP010 | 8' SECURITY FENCE | | | | |
| SP011 | VEHICLE GATE | | | | |
| SP012 | MAN GATE | | | | |
| SP013 | KNOX BOX | | | | |
| SP014 | PIV/FDC LOCATION | | | | |

| SITE AREAS: | | |
|--------------|-----------|----------------------|
| SITE | 59,999.98 | SQUARE FEET (60,000) |
| GROSS BLDG | 27,160 | SQUARE FEET |
| LANDSCAPING | 10,380 | SQUARE FEET |
| DRAIN BASINS | 1,524 | SQUARE FEET |
| IMPERVIOUS | 20,936 | SQUARE FEET |
| | | |







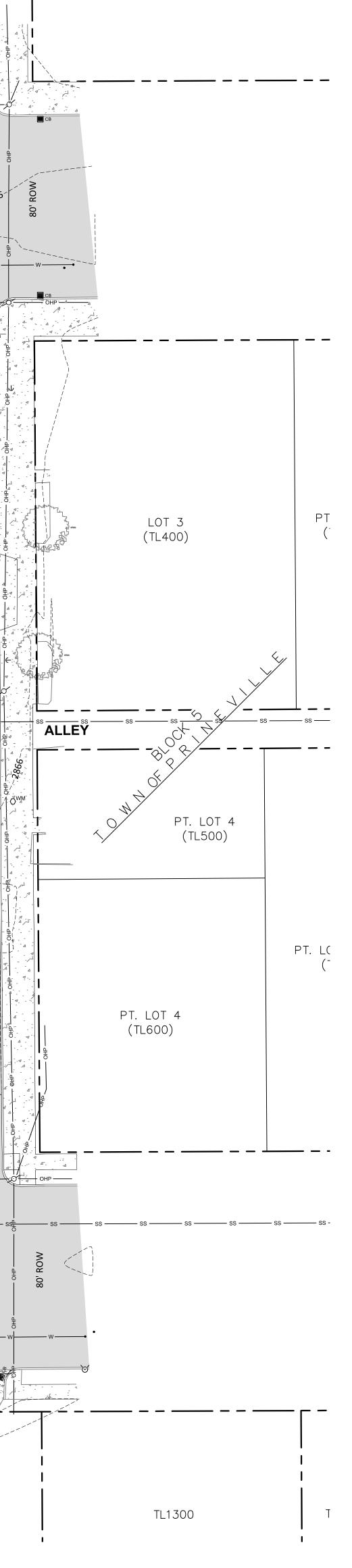
80' ROW —— OHP ——— OHP — W. SECOND ST. т т Т 4 N89°44'26"E 239.88' 79.96'(P) 80' ROW 79.96'(P) HELD 1/2" SMOOTH IRON ROD 1" IRON PIPE BEARS N09°19'25"E 0.14' FROM CORNER N 3 – CONCRETE PARKING BUMPER (TYP) 1-STORY BLOCK BUILDING FINISH FLOOR = 2865.8' - WOOD DECK/RAMP 5/8" REBAR WITH 2" ALUMINUM CAP "ILLEGIBLE" ///////79.97'(P)´/ 79.97'(Р)— ^{онр -} S89°44'44"W 239.90' — ss – 🤄 AS _____ GAS ___ _____ GAS ______ GAS _____ - GAS -----S89°44'44"W 239.90' 79.97'(P) 66.97' 79.97'(P)79.98'(P) ----_____ _____ 79.98'(P) _<u>13.00</u>' 80' ROW S89°45'57"W 239.93' HP _____ OHP _____ OHP _____ — OHP — _____ OHP _____ — SS ——— SS ——— SS ——— SS ——— SS ——— SS ———— SS ————— SS ———— SS ——— SS ———— SS ——— SS —— SS — — — SS — — — SS — — SS — — — SS — — SS — — — SS — SS — S — — SS — — SS — — SS — S — S — S W. FIRST ST. _____w______w______w_____ TL1600 TL1500 TL1400 ST.

> EXISTING CONDITIONS SCALE: 1" = 20'

2

1

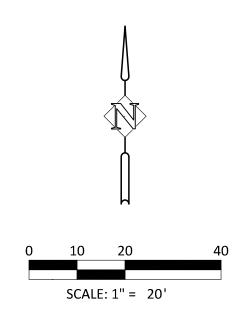
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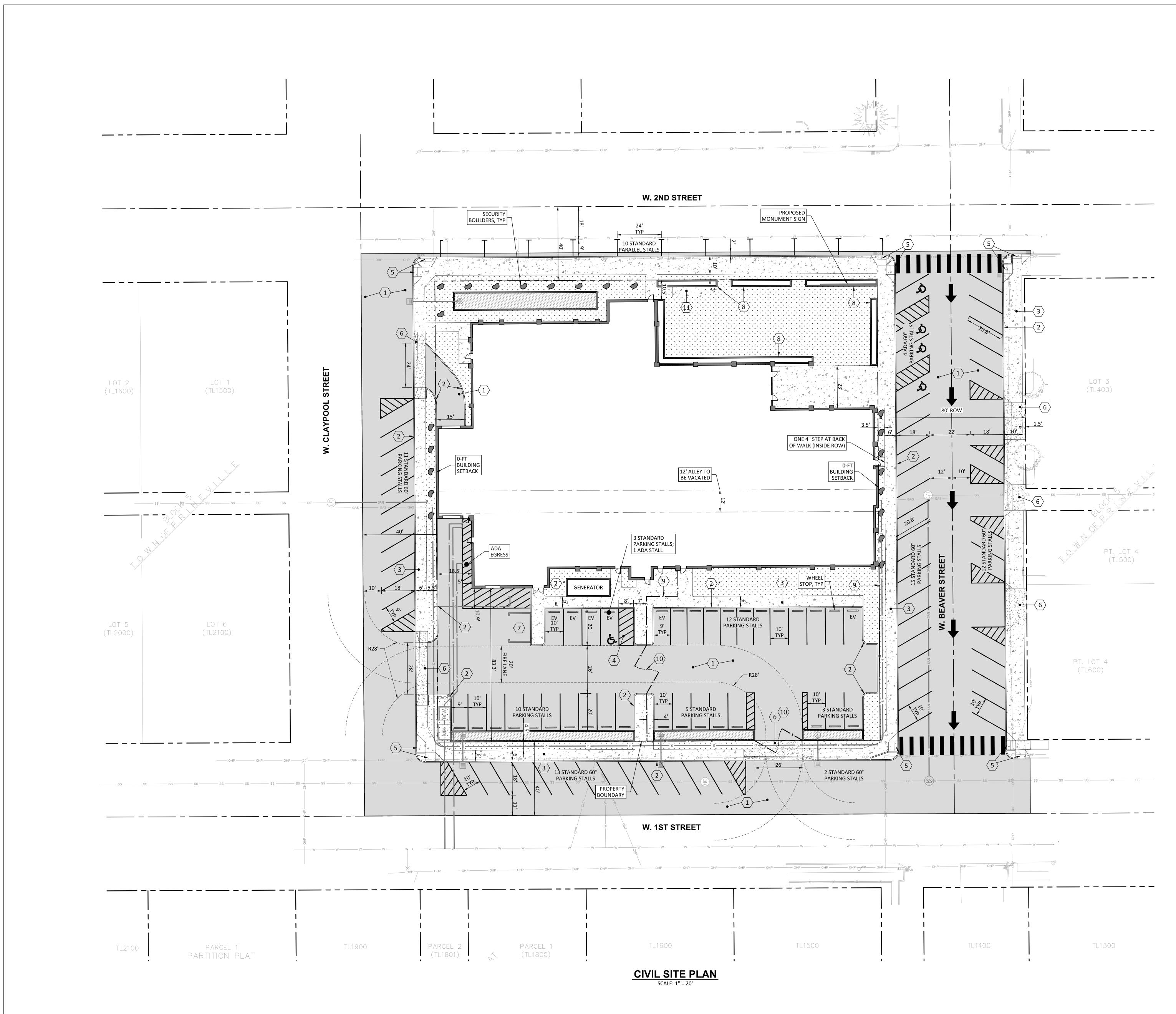
| | | | PROPERTY LINE |
|-----|-----------------|------------|------------------------|
| | -2863 | | EXISTING CONTOUR LINE |
| | — SAN —— | | SANITARY SEWER LINE |
| W | | — w ——— | WATER LINE |
| OHP | OHP | —— ОНР ——— | ELECTRIC LINE |
| GAS | — GAS —— | GAS | GAS LINE |
| | S | | SANITARY SEWER MANHOLE |
| | \bigcirc^{WM} | | WATER METER |
| | Q | | FIRE HYDRANT |
| | <u> </u> | | SINGLE POST SIGN |
| | ,¢ | | POWER POLE |
| | Q | | TREE |
| | СВ | | CATCH BASIN |
| | | | |

| ſ | NOTE: |
|---|--|
| | ALL EXISTING SURFACE IMPROVEMENTS |
| | AND UNDERGROUND UTILITIES ON-SITE SHALL BE REMOVED. CONTRACTOR TO |
| | SHALL BE REMOVED. CONTRACTOR TO |
| | COORDINATE TIMING WITH OWNER. |



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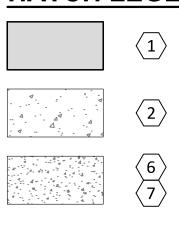
punacle architecture, inc. "ENHANCING LIVES AND COMMUNITIES" 960 SW DISK DR, SUITE 101 BEND OR 97702 541.388.9897 WWW.PINNACLEARCHITECTURE.COM Harper **HHPR** Houf Peterson Righellis Inc. ENGINEERS + PLANNERS LANDSCAPE ARCHITECTS + SURVEYORS 250 NW Fanklin Ave, Suite 404, Bend, OR 97703 phone: 541.318.1161 www.hhpr.com fax: 541.318.1141 NOTFORCONSTRUCTION CROOK COUNTY JUSTICE CENTER CLIENT: CROOK COUNTY PROJECT ADDRESS: 260 NW 2ND STREET PRINEVILLE, OR 97754 SITE DESIGN SET 01/26/2022 DESCRIPTION DATE Δ 1500.AAA PROJECT NO: MD DRAWN BY: CHECKED BY: NS © PINNACLE ARCHITECTURE, INC. 2022 ORIGINAL SHEET SIZE: 30"x42" EXISTING CONDITIONS C1.0

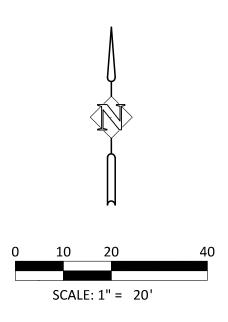


CONSTRUCTION NOTES:

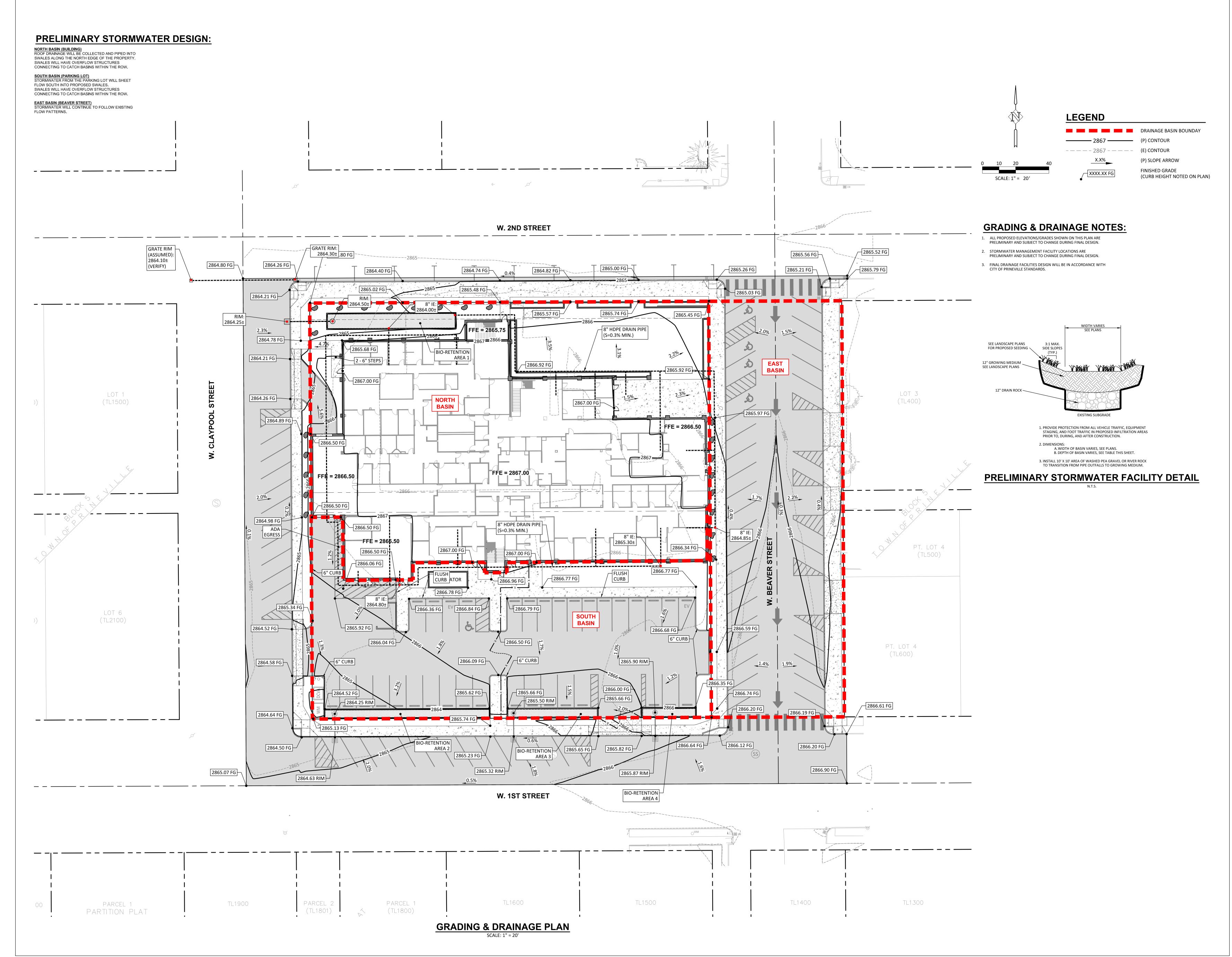
- $\langle 1 \rangle$ AC PAVING SECTION.
- $\begin{array}{|c|c|c|}\hline 2 & 6^{"} \text{ CONCRETE CURB.} \\ & * \underline{\text{NOTE:}} & 0^{"} \text{ FLUSH CURB IN FRONT OF BUILDING.} \end{array}$
- $\langle 3 \rangle$ concrete sidewalk. Width noted on plan.
- 4 ADA ACCESSIBLE PARKING AREA. FLUSH CURB WITH WHEEL STOPS.
- $\left< 5 \right>$ PERPENDICULAR CURB RAMP.
- $\left< 6 \right>$ CONCRETE DRIVEWAY APRON.
- $\langle 7 \rangle$ proposed trash enclosure location.
- 8 PROPOSED LANDSCAPING PLANTER.
- $\langle 9 \rangle$ proposed security fence.
- $\langle 10 \rangle$ proposed security gate. $\langle 11 \rangle$ proposed flagpole location.

HATCH LEGEND

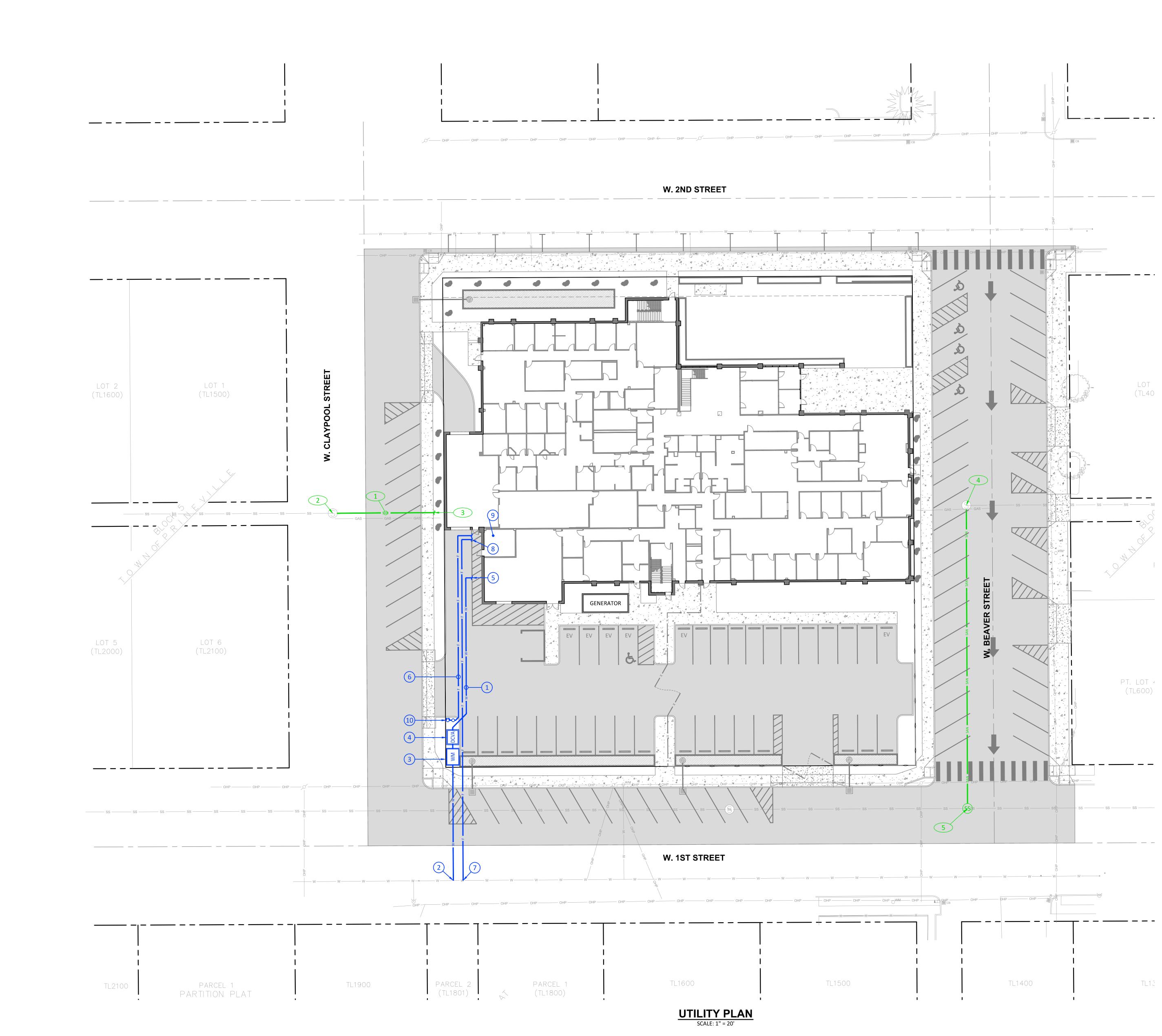




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punacle architecture, inc. "ENHANCING LIVES AND COMMUNITIES" 960 SW DISK DR, SUITE 101 BEND OR 97702 541.388.9897 WWW.PINNACLEARCHITECTURE.COM Harper **HHPR** Houf Peterson **R**ighellis Inc. E N G I N E E R S 🕈 P L A N N E R S LANDSCAPE ARCHITECTS + SURVEYORS 205 SE Spokane Street, Suite 200, Portland, OR 97202 phone: 503.221.1131 www.hhpr.com fax: 503.221.1171 NOTFORCONSTRUCTION CROOK COUNTY JUSTICE CENTER CLIENT: CROOK COUNTY PROJECT ADDRESS: 260 NW 2ND STREET PRINEVILLE, OR 97754 APPROVED FOR DAT SITE DESIGN SET 01/26/2022 NS DESCRIPTION DATE \bigtriangleup 1500.AAA PROJECT NC MΓ DRAWN B CHECKED BY: © PINNACLE ARCHITECTURE, INC. 2022 ORIGINAL SHEET SIZE: 30"x42" PRELIMINARY GRADING & DRAINAGE PLAN C3.0 6/23/2011 5:46:43 PM

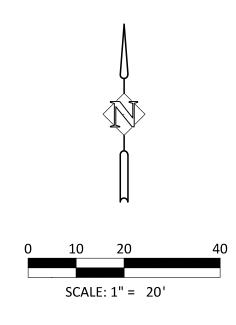


SANITARY SERVICE NOTES:

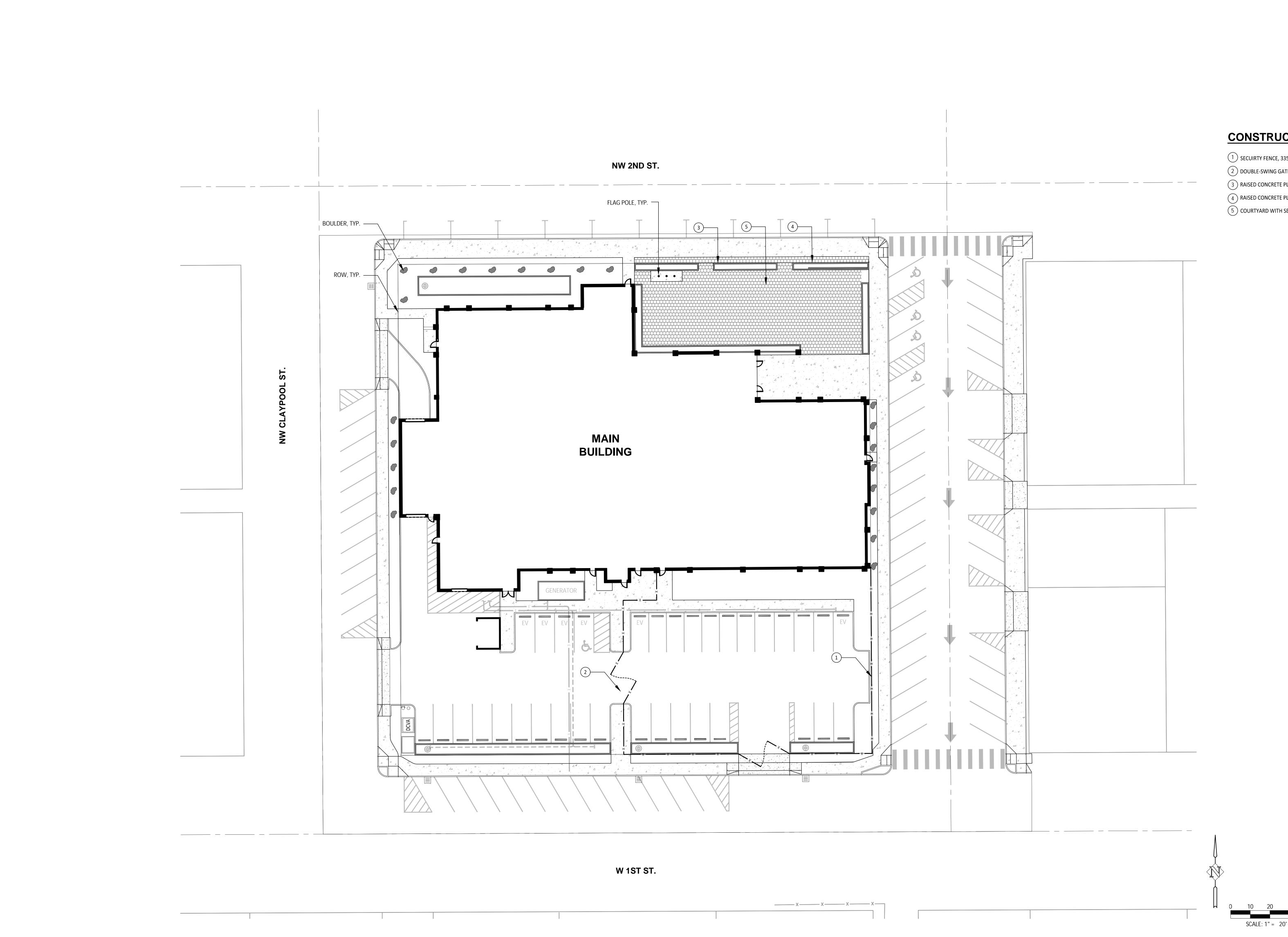
- 1 6" SANITARY SEWER SERVICE PIPE.
- 2 CONNECT 6" SERVICE TO EXISTING SANITARY SEWER MANHOLE.
- 3 CONNECT TO BUILDING SANITARY SEWER SERVICE; COORDINATE WITH PLUMBING PLANS TO VERIFY LOCATION.
- 4 PROPOSED 8" PUBLIC SANITARY SEWER MAIN.
- 5 PROPOSED SANITARY SEWER MANHOLE.

WATER SERVICE NOTES:

- (1) 4" DOMESTIC WATER SERVICE PIPE
- 2 TAP EXISTING CITY OF PRINEVILLE PUBLIC WATER MAIN; CONNECT 4" DOMESTIC WATER SERVICE; INSTALL GATE VALVE.
- 3 4" DOMESTIC WATER SERVICE METER & VAULT PER CITY OF PRINEVILLE STANDARDS.
- 4" DOMESTIC DCVA BACKFLOW DEVICE & VAULT PER CITY OF PRINEVILLE STANDARDS.
- 5 CONNECT TO 4" BUILDING DOMESTIC WATER SERVICE. COORDINATE WITH PLUMBING PLANS TO VERIFY LOCATION.
- 6 6" FIRE SUPPRESSION SERVICE PIPE
- TAP EXISTING CITY OF PRINEVILLE PUBLIC WATER MAIN; CONNECT 6" FIRE SUPPRESSION SERVICE; INSTALL GATE VALVE.
- CONNECT TO 6" BUILDING FIRE SUPPRESSION SERVICE; COORDINATE WITH PLUMBING PLANS TO VERIFY LOCATION.
- 9 FIRE SERVICE VAULT DCDA LOCATED INSIDE BUILDING RISER ROOM; COORDINATE WITH PLUMBING PLANS TO VERIFY LOCATION & EQUIPMENT.
- (10) PROPOSED PIV & FDC LOCATION

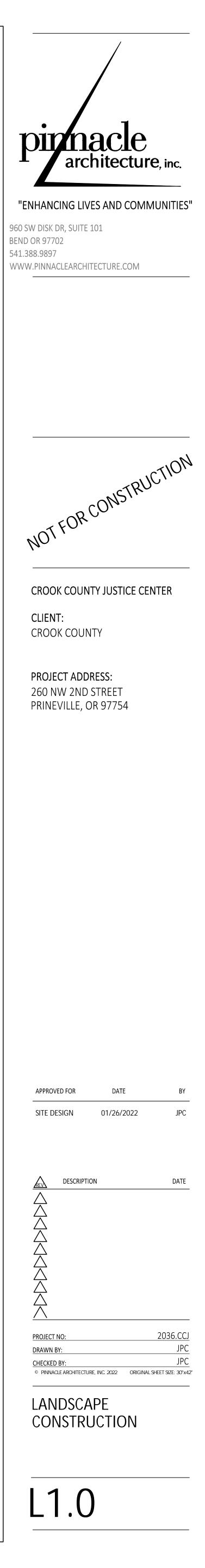


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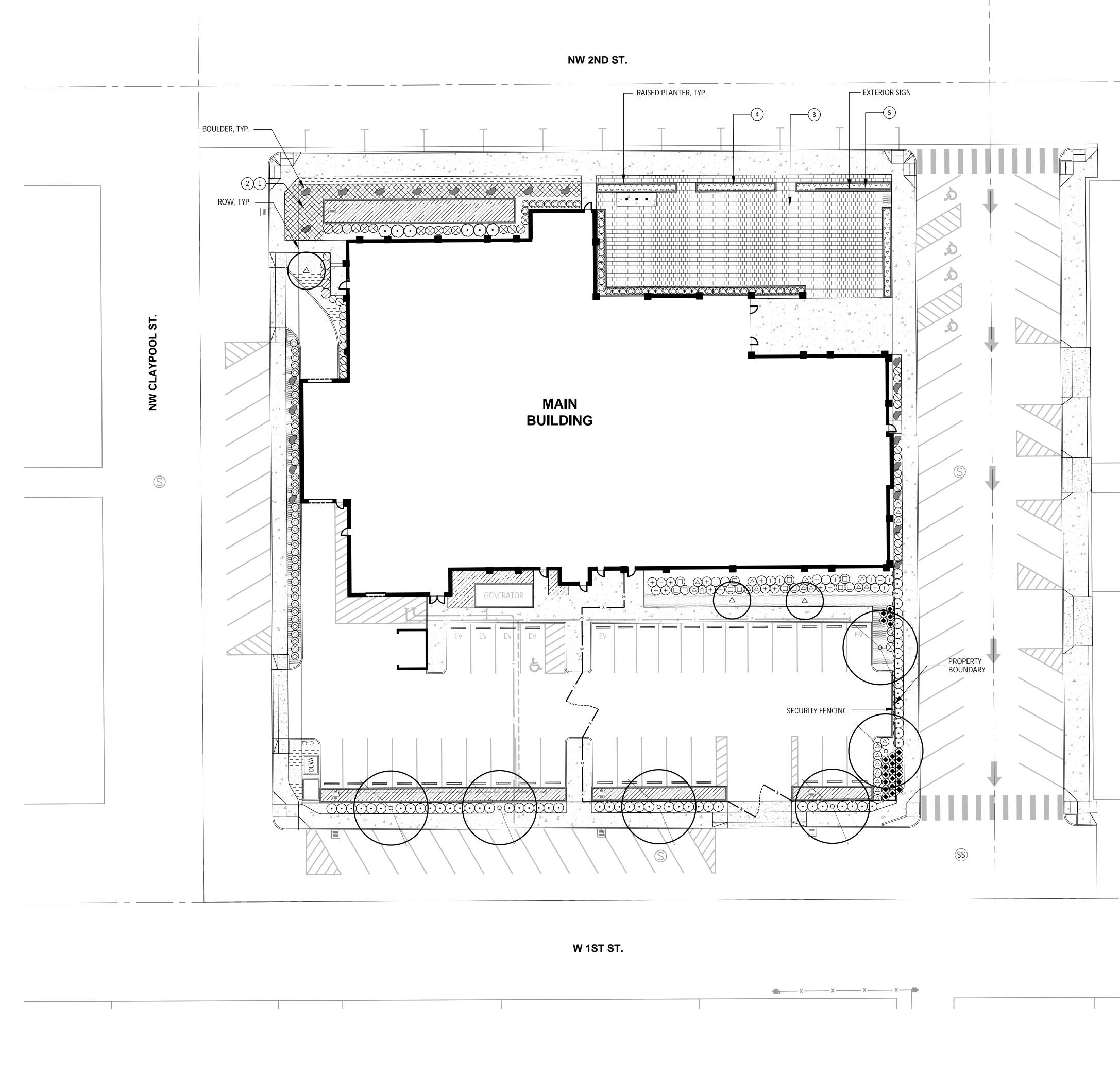
CONSTRUCTION NOTES:

- 1 SECUIRTY FENCE, 335 LF (TBD)
- 2 DOUBLE-SWING GATE
- 3 RAISED CONCRETE PLANTER BOX WITH SIGNAGE
- (4) RAISED CONCRETE PLANTER BOX
- 5 COURTYARD WITH SEATING



GENERAL NOTES:

- 1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT CITY OF PRINEVILLE STANDARDS AND OREGON BUILDING AND SPECIALITY CODES.
- 2. INSTALL EROSION CONTROL SYSTEMS IN ACCORDANCE WITH CITY OF PORTLAND STANDARDS PRIOR TO SITE WORK AND LANDSCAPE INSTALLATION.
- 3. CONTRACTOR SHALL MARK AND PROTECT ALL UTILITIES, SITE FEATURES, AND VEGETATION TO REMAIN IN PLACE.
- 4. CONTRACTOR SHALL REMOVE ALL WEEDS AND INVASIVE SPECIES PRIOR TO PLANTING OR SEEDING. 5. ALL DISTURBED AREAS SHALL BE SEEDED.
- 6. PRIOR TO PLANTING, CONTRACTOR SHALL TEST SOILS FOR SOIL FERTILITY BY CERTIFIED TESTING LAB. IF NECESSARY, BACKFILL SOILS FOR TREE PITS, SHRUB AND GROUNDCOVER AREAS SHALL BE AMENDED AS RECOMMENDED BY SOIL ANALYSIS REPORT.
- 7. ALL SEEDED AREAS SHALL BE STRIPPED OF VEGETATION, SCARIFIED AND RECEIVE 4" OF TOPSOIL PRIOR TO APPLICATION OF SEED.
- 8. ALL PLANTER BEDS SHALL BE SCARIFIED 12" BELOW FINISHED GRADE AND HAVE 12" OF TOPSOIL ADDED TO BRING BACK TO FINISHED GRADE PRIOR TO PLANTING.
- 9. CONTRACTOR TO INSTALL 3" LAYER OF COMPOST MULCH AT ALL TREE, SHRUB AND GROUNDCOVER AREAS.
- 10. LANDSCAPE INSTALLATION SHALL INCLUDE PROVISION OF AN AUTOMATIC IRRIGATION SYSTEM TO SUSTAIN LANDSCAPE PLANTINGS, MEETING LOCAL AND STATE BUILDING CODES.
- 11. PLANT MATERIAL INSTALLED SHALL CONFORM IN SIZE AND GRADE TO THE "AMERICAN STANDARD FOR NURSERY STOCK" CURRENT EDITION.
- 12. QUANTITIES OF PLANT MATERIALS SHALL BE AS DETERMINED BY CONTRACTOR IN ACCORDANCE WITH SPECIFIED SPACING OR LOCATION ON PLAN. MATERIAL QUANTITIES SHOWN ON PLAN ARE FOR CONTRACTOR CONVENIENCE ONLY AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION. SURPLUS OR SHORTAGES OF PLANT QUANTITIES SHALL BE RESPONSIBILITY OF CONTRACTOR.
- 13. LANDSCAPE CONTRACTOR SHALL WATER PLANTINGS FOR DURATION OF 1-YEAR WARRANTY PERIOD AFTER INSTALLATION AND GUARANTEE ALL PLANTINGS TO BE IN SATISFACTORY HEALTH. LANDSCAPE CONTRACTOR SHALL REPLACE ALL DAMAGED, DEAD, OR DYING PLANTS COVERED BY WARRANTY WITHIN 30 DAYS OF INITIAL IDENTIFICATION OF CONDITION.



CONSTRUCTION NOTES:

(1) PLACE 12" AMENDED TOPSOIL IN SHRUB AREAS, TYP. - 177 CY

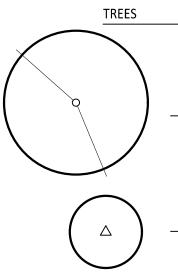
2 PLACE 3" BARK MULCH IN SHRUBS AREAS, TYP. - 44 CY

(3) COURTYARD WITH SEATING

 $\overline{(4)}$ EXPOSED CONCRETE PLANTER BEDS, TYP. SEE DETAIL 9, SHEET L3.0

(5) EXPOSED CONCRETE PLANTER BED, WITH SIGNAGE. SEE DETAIL 10, SHEET L3.0

PLANT SCHEDULE



6 Gleditsia triacanthos 'Shademaster' - Thornless Honey Locust 1.5" CAL. B&B, WELL BRANCHED, LIMBED TO 6'

3 Acer plantanoides ' Columnare' - Columnar Norway Maple 1.5" CAL. B&B, WELL BRANCHED, LIMBED TO 6'

SHRUBS

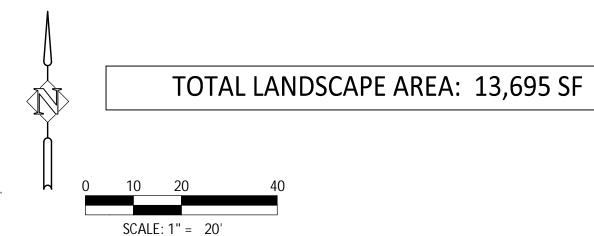
| \odot | 59 Buxus microphylla var. japonica 'Winter Gem' - Winter Gem Boxwood 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN |
|------------|--|
| (+) | 25 Pennisetum alopecuroides 'Moudry' - Black Flowering Fountain Grass 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN SIZE AT MATURITY: 2'H x 3'W |
| \oslash | 7 Berberis thunbergii 'Aurea' - Japanese Barberry 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN |
| \bigcirc | 26 Berberis thunbergii 'Pygruzam' - Pygmy Ruby Barberry 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN SIZE AT MATURITY: 1.5'H x 3'W |
| | 13 Hemerocallis x 'Hyperion' - Hyperion Daylily 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN SIZE AT MATURITY: 1.5'H x 3'W |
| \odot | 6 Hydrangea arborescens 'Annabelle' - Smooth Hydrangea 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN |
| \otimes | 13 Mahonia aquifolium 'Compacta' - Compact Oregon Grape 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN |
| | 24 Potentilla fruticosa 'Goldfinger' - Goldfinger Potentilla 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN SIZE AT MATURITY: 3'H x 4'W |
| \bigcirc | 48 Ilex x meserveae 'Mondo' - Little Rascal Holly (Male) 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN SIZE AT MATURITY: 2'H x 3'W |
| \bigcirc | 40 Spiraea japonica 'Goldmound' - Goldmound Spirea 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN |
| ۲ | 23 Hesperaloe parviflora - Red Yucca 1 GAL CONT., FULL PLANTS, SPACING AS SHOWN |

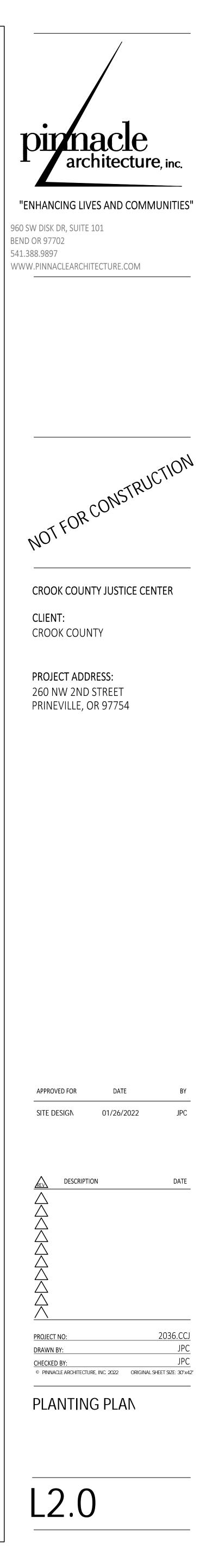
GROUNDCOVER

| 1,102 | Festuca glauca 'Elijah Blue' - Blue Fescue CONT., FULL PLANTS, 12" O.C. |
|----------|---|
| 41 | Helictotrichon sempervirens - Blue Oat Grass CONT., FULL PLANTS, 36" O.C. |
| 285 | Juniperus squamata 'Blue Star' - Blue Star Juniper CONT., FULL PLANTS, 24" O.C. |
| 92 | Rosa 'Flower Carpet Yellow' - Flowering Carpet Rose CONT., FULL PLANTS, 24" O.C. |
| 1,822 SF | Decomposed Granite |

SWALE PLANTINGS

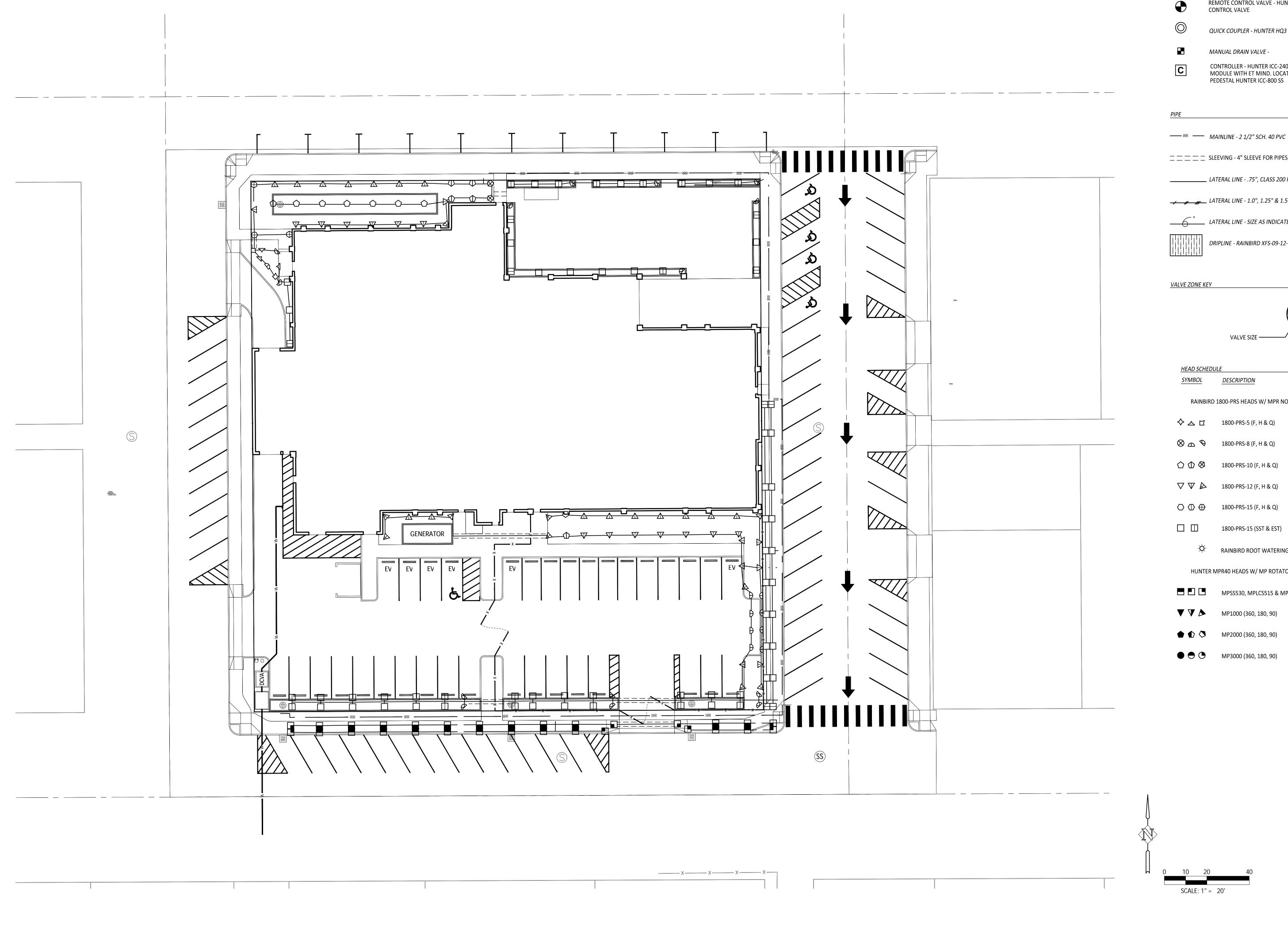
| | 50% Juncus patens - Sprain Rush |
|-------|---|
| 1,719 | 50% Carex obnupta - Slough Sedge |
| 1 GAL | CONT., FULL PLANTS, 12" O.C. PLANT IN DRIFTS OF 10 |





IRRIGATION NOTES:

- 1. CONTRACTOR SHALL INSPECT SITE AND VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
- 2. IRRIGATION PLANS ARE SCHEMATIC REPRESENTATIONS ONLY. PLACE LINES IN COMMON TRENCH WHENEVER POSSIBLE. FIELD ADJUST LINES TO AVOID CONFLICT WITH UTILITIES.
- 3. IRRIGATION LATERAL AND MAINLINE PIPE SHOW OUTSIDE OF PLANTING AREAS FOR CLARIFICATION ONLY. PLACE LATERAL AND MAINLINE PIPE IN PLANTER AREAS UNLESS IRRIGATION SLEEVES ARE SHOWN.
- 4. COORDINATE IRRIGATION WITH PLANTING PLAN AND SITE IMPROVEMENTS AND USE TRIANGULAR SPACING FOR HEAD TO HEAD COVERAGE. COORDINATE IRRIGATION HEAD LAYOUT WITH NEW PLANT MATERIALS, LOCATE SPRAY HEADS 30" FROM BASE OF TREE. DO NOT ALTER HEAD LOCATION, PIPE LAYOUT, OR VALVE LOCATION WITHOUT WRITTEN APPROVAL FROM CONSTRUCTION MANAGER. NOTIFY OWNER'S REPRESENTATIVE IF DISCREPANCIES OCCUR BETWEEN PLANS AND FIELD CONDITIONS.
- 5. ALL COMPONENTS OF IRRIGATION SYSTEM SHALL BE INSTALLED AND PROPERLY ADJUSTED TO PROVIDE ADEQUATE COVERAGE AND MINIMIZATION OF OVERSPRAY ONTO WALKS, BUILDINGS, PARKING AREAS, ETC.
- 6. ALL PIPE SIZES INDICATED ARE MINIMUMS. CONTRACTOR MAY NOT DECREASE PIPE SIZE. LARGER PIPE SIZES MAY BE USED AT NO ADDITIONAL COST TO OWNER.
- 7. INSTALL ALL IRRIGATION PIPE AND CONTROL WIRES IN MINIMUM 4" PVC SLEEVE BELOW ALL PAVED SURFACES UNLESS OTHERWISE INDICATED ON PLANS. INSTALL SLEEVES PRIOR TO PLACEMENT OF PAVEMENTS AND PAVEMENT SUB-BASE.
- 8. COORDINATE IRRIGATION POINTS OF CONNECTION AND LOCATION OF AUTOMATIC CONTROL VALVES WITH PROJECT MANAGER. COORDINATE ALL WORK WITH OTHER TRADES, I.E. ELECTRICAL, MASONRY, ETC.
- 9. CONTRACTOR TO PROGRAM AUTOMATIC CONTROLLER TO ALLOW FOR EQUIVALENT OF 1" OF WATER PER WEEK, OR PER SITE AND PLANTING NEEDS FOR BEST PLANT HEALTH.
- 10. ALL PIPES SHALL BE TRENCHED. PROVIDE POSITIVE DRAINAGE OF MAINLINE. PLACE MANUAL DRAIN AT LOW POINTS IN MAINLINE. IDENTIFY LOCATIONS ON AS-BUILTS.
- 11. USE 45° ELLS INSTEAD OF 90° ELLS ON ALL MAINLINES 2-1/2" AND LARGER. INSTALL CONCRETE THRUST BLOCKS AT ALL MAINLINE CHANGES IN DIRECTION. POUR MINIMUM OF 1 CUBIC FOOT OF CONCRETE ON UNDISTURBED SOIL. WRAP PIPE IN PLASTIC WRAP PRIOR TO COVERING WITH CONCRETE.
- 12. CONTRACTOR TO INSTALL CONTROLLER AND ACCESSORIES AS REQUIRED. CONTRACTOR TO FURNISH CONTROL WIRES FROM VALVES TO CONTROLLER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING 110 VOLT SERVICE FROM BUILDING AND CONNECTION TO CONTROLLER SERVICE.
- 13. INSTALL ONE (1) ADDITIONAL RED CONTROL WIRE AND ONE (1) ADDITIONAL WHITE CONTROL WIRE FROM CONTROLLER TO END OF MAINLINE.
- 14. ALL SPRINKLER BODIES TO BE 12-INCH POP-UP TYPE SHRUB AND STORM WATER PLANTER AREAS.



LEGEND:

| <u>EQUIPMENT</u> | | |
|------------------|---|--------------|
| SYMBOL | DESCRIPTION | DETAIL |
| \boxtimes | BACKFLOW PREVENTER - FEBCO MODEL 850 Y, 1 1/2" OR APPROVED EQ. | \geq |
| M | BALL VALVE - NIBCO T-560 OR APPROVED EQUAL. | \searrow |
| lacksquare | REMOTE CONTROL VALVE - HUNTER ICV OR APPVD EQ, SIZE AS SHOWN REMOTE CONTROL VALVE | \square |
| \bigcirc | QUICK COUPLER - HUNTER HQ3 OR APPROVED EQUAL. | \square |
| 8 | MANUAL DRAIN VALVE - | \mathbf{i} |
| С | CONTROLLER - HUNTER ICC-2400PL (ICC800-PL (PLUS) 2 ICM 800) AND HUNTER ET SYSTEM MODULE WITH ET MIND. LOCATION TO BE APPROVED BY OWNER. INSTALL IN METAL PEDESTAL HUNTER ICC-800 SS | \bigcirc |

| <u>, , , , , , , , , , , , , , , , , , , </u> | |
|---|--|
| IRR | MAINLINE - 2 1/2" SCH. 40 PVC |
| ===== | SLEEVING - 4" SLEEVE FOR PIPES < 2", 6" SLEEVE FOR PIPES 2.5"-4" |
| | LATERAL LINE75", CLASS 200 PVC |
| | LATERAL LINE - 1.0", 1.25" & 1.5" CLASS 200 PVC |
| * | LATERAL LINE - SIZE AS INDICATED, CLASS 200 PVC |
| | DRIPLINE - RAINBIRD XFS-09-12-100 SUB SURFACE DRIPLINE |

| | VALVE SIZE —— | 1.5" | 45 | ALVE NUMBER ALLONS PER M | | |
|----------|---------------------|-------------|----|-----------------------------|------------|--------|
| D SCHEDL | ILE | | | | | |
| IBOL | DESCRIPTION | | | | <u>PSI</u> | RADIUS |
| RAINBIRD | 1800-PRS HEADS W/ M | MPR NOZZLES | | | | |

| <u>HEAD SCHED</u> | DULE | | | |
|---|--|------------|----------------|-----------------|
| SYMBOL | DESCRIPTION | <u>PSI</u> | RADIUS | <u>GPM</u> |
| RAINBIR | D 1800-PRS HEADS W/ MPR NOZZLES | | | |
| ० ८ । | 1800-PRS-5 (F, H & Q) | 30 | 5' | .41, .20, .10 |
| $ \Theta $ | 1800-PRS-8 (F, H & Q) | 30 | 8' | 1.05, .52, .26 |
| ጏᠿ⊗ | 1800-PRS-10 (F, H & Q) | 30 | 10' | 1.58, .79, .39 |
| $\bigtriangledown \lor \lor \triangleright$ | 1800-PRS-12 (F, H & Q) | 30 | 12' | 2.60, 1.30, .65 |
| $\supset \Phi \oplus$ | 1800-PRS-15 (F, H & Q) | 30 | 15' | 3.70, 1.85, .92 |
| | 1800-PRS-15 (SST & EST) | 30 | 4'X30', 4'X15' | 1.21, .61 |
| \ | RAINBIRD ROOT WATERING SYSTEM RWS-B-1401 | 40 | NA | .25 |
| HUNTER | MPR40 HEADS W/ MP ROTATOR NOZZLES | | | |
| | MPSS530, MPLCS515 & MPRCS515 | 40 | 5X30', 5'X15' | .44, .22 |
| ▼ ▼ ♪ | MP1000 (360, 180, 90) | 40 | 8'-15' | .75, .37, .19 |
| | MP2000 (360, 180, 90) | 40 | 13'-21' | 1.47, .74, .40 |
| | MP3000 (360, 180, 90) | 40 | 22'-30' | 3.64, 1.82, .86 |

