#### DR 21-11 Attachment D: Project Plan Set



### **SITE INFO**

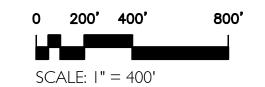
ADDRESS; NO SITUS

ZONE: M-I (I-O OVERLAY)
SITE AREA: 89,930 SF (2.06 ACRES)



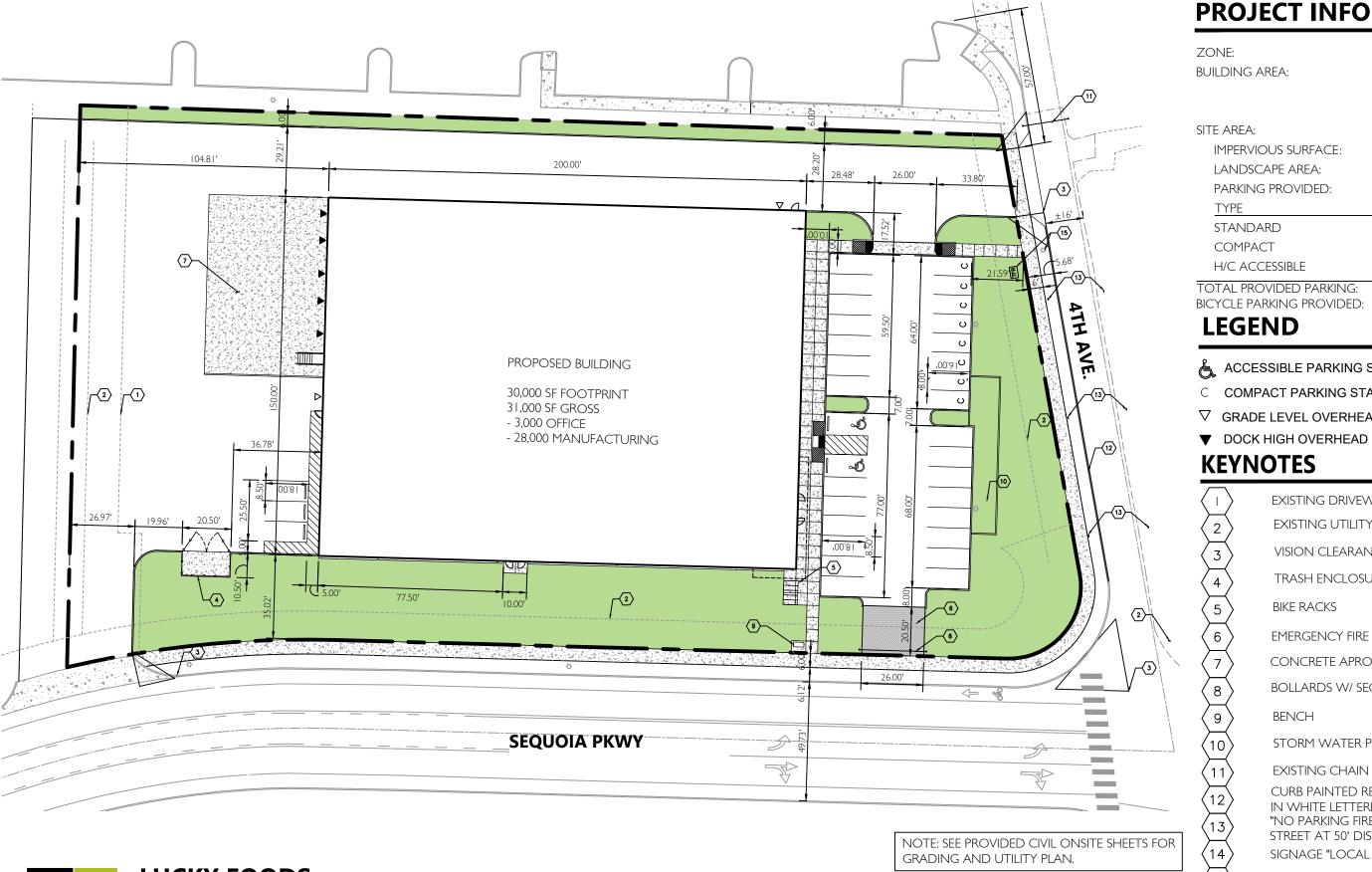
# LUCKY FOODS CANBY, OREGON

| 15895 SW 72ND AVE SUITE 200 | PORTLAND, OREGON 97224 | TEL: 503.226.1285 | FAX: 503.226.1670





SCALE: 1"=400' 210146.01



#### **LUCKY FOODS CANBY, OREGON**

15895 SW 72ND AVE SUITE 200 PORTLAND, OREGON 97224 T E L: 5 0 3 . 2 2 6 . I 2 8 5 F A X : 5 0 3 . 2 2 6 . I 6 7 0

80' 40' 10'

SCALE: I" = 40'

ZONE: M-I (I-O OVERLAY)

**BUILDING AREA:** 31,000 SF

> - IST FLR = 30,000 SF -2ND FLR = 1,000 SF

SITE AREA: 89,930 SF (2.06 ACRES)

70,570 SF 78% IMPERVIOUS SURFACE: 19,360 SF 22% LANDSCAPE AREA:

PARKING PROVIDED:

# PROVIDED TYPE SIZE STANDARD 8.5' X 18' 24 STALLS COMPACT 8 STALLS 8' X 16' H/C ACCESSIBLE 9' X 18' 2 STALLS TOTAL PROVIDED PARKING: 34 STALLS BICYCLE PARKING PROVIDED: 5 STALLS

#### **LEGEND**

ACCESSIBLE PARKING STALL

ADA AISLE

C COMPACT PARKING STALL ∇ GRADE LEVEL OVERHEAD DOOR

**GRASSCRETE** 

▼ DOCK HIGH OVERHEAD DOOR



#### **KEYNOTES**

EXISTING DRIVEWAY EASEMENT

**EXISTING UTILITY EASEMENT** 

VISION CLEARANCE

TRASH ENCLOSURE - CHAINLINK W/ PRIVACY SLATS

**BIKE RACKS** 

´6 `

8

11

(12)

<sup>′</sup>15)

EMERGENCY FIRE ACCESS DRIVEWAY - GRASSCRETE

CONCRETE APRON

**BOLLARDS W/ SECURITY CHAIN** 

**BENCH** 9

STORM WATER PLANTER

EXISTING CHAIN - POST "DEAD END" SIGN ON CHAIN

CURB PAINTED RED WITH "FIRE LANE NO PARKING" IN WHITE LETTERING

"NO PARKING FIRE LANE" SIGNS BOTH SIDES OF THE (13) STREET AT 50' DISTANCE BETWEEN

(14) SIGNAGE "LOCAL ACCESS ONLY"

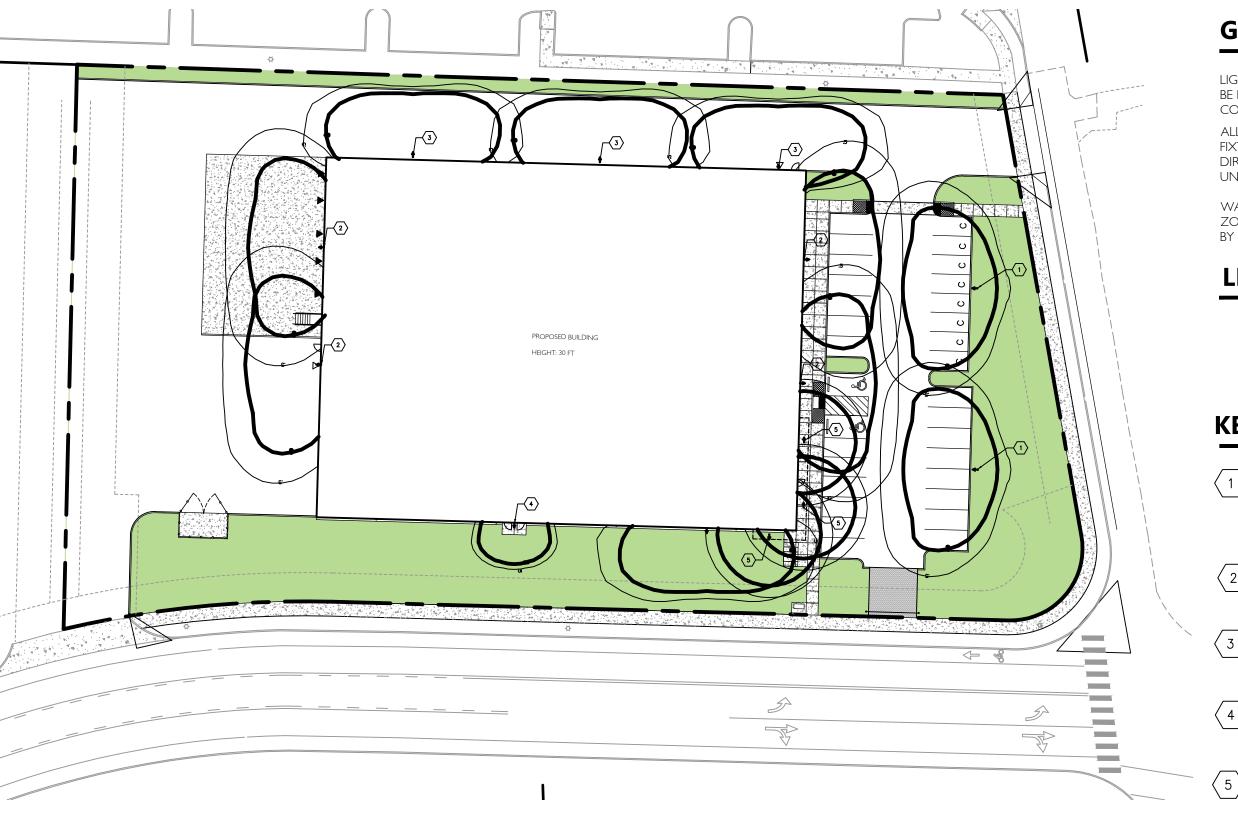
12/02/2021

RELOCATED STREET LIGHT AND ELEC. TRANSFORMER



**SITE PLAN** 

SCALE: I"=40' 210146.01



#### **GENERAL NOTES**

LIGHTING STANDARDS SHOWN IN PARKING AREAS SHALL BE ENCASED IN 1'-6" DIAMETER x 3'-0" TALL SOLID CONCRETE BASES

ALL LIGHTING SHOWN SHALL BE MODIFIED WITH CUTOFF FIXTURES AS REQUIRED TO PREVENT LIGHT FROM SHINNING DIRECTLY OFF DEVELOPED AREA. ALL LIGHT FIXTURES UNDER 7800 LUMENS.

WALLPACK, CANOPY AND PARKING LOT LIGHTS ARE ZONED FOR AUTOMATIC ON AT DUSK AND OFF AT DAWN BY USING A LIGHT SENSOR.

#### **LEGEND**

APPROXIMATE 1.0 FC ISOLUM



APPROXIMATE 0.5 FC ISOLUM

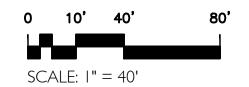
#### **KEYNOTES**

- POLE MOUNTED LIGHT FIXTURE @ 20'-0" - LITHONIA LIGHTING - RSX1 OR APPROVED EQUAL - LED P1 40K R3 EGS - BLACK, DARK SKY RATED, W/ CUTTOFFS - SQUARE POLE MOUNTED.
- BUILDING MOUNTED LIGHT FIXTURE @ 22'-0" AFF - LITHONIA LIGHTING - WDGE3 LED OR APPROVED EQUAL - P3 70 CRI R3 40K - BLACK
- BUILDING MOUNTED LIGHT FIXTURE @ 22'-0" AFF  $\langle 3 \rangle$ - LITHONIA LIGHTING - WDGE3 LED OR APPROVED EQUAL - P3 70 CRI R2 40K - BLACK
- BUILDING MOUNTED LIGHT FIXTURE @ 8'-0" AFF - LITHONIA LIGHTING - WDGE2 LED OR APPROVED EQUAL - P3 40K 80 VF - BLACK
  - UNDER CANOPY LIGHT FIXTURE @ 10'-0" AFF - LITHONIA LIGHTING - CNY LED OR APPROVED EQUAL - P3 40K MVOLT - BLACK



#### **LUCKY FOODS CANBY, OREGON**

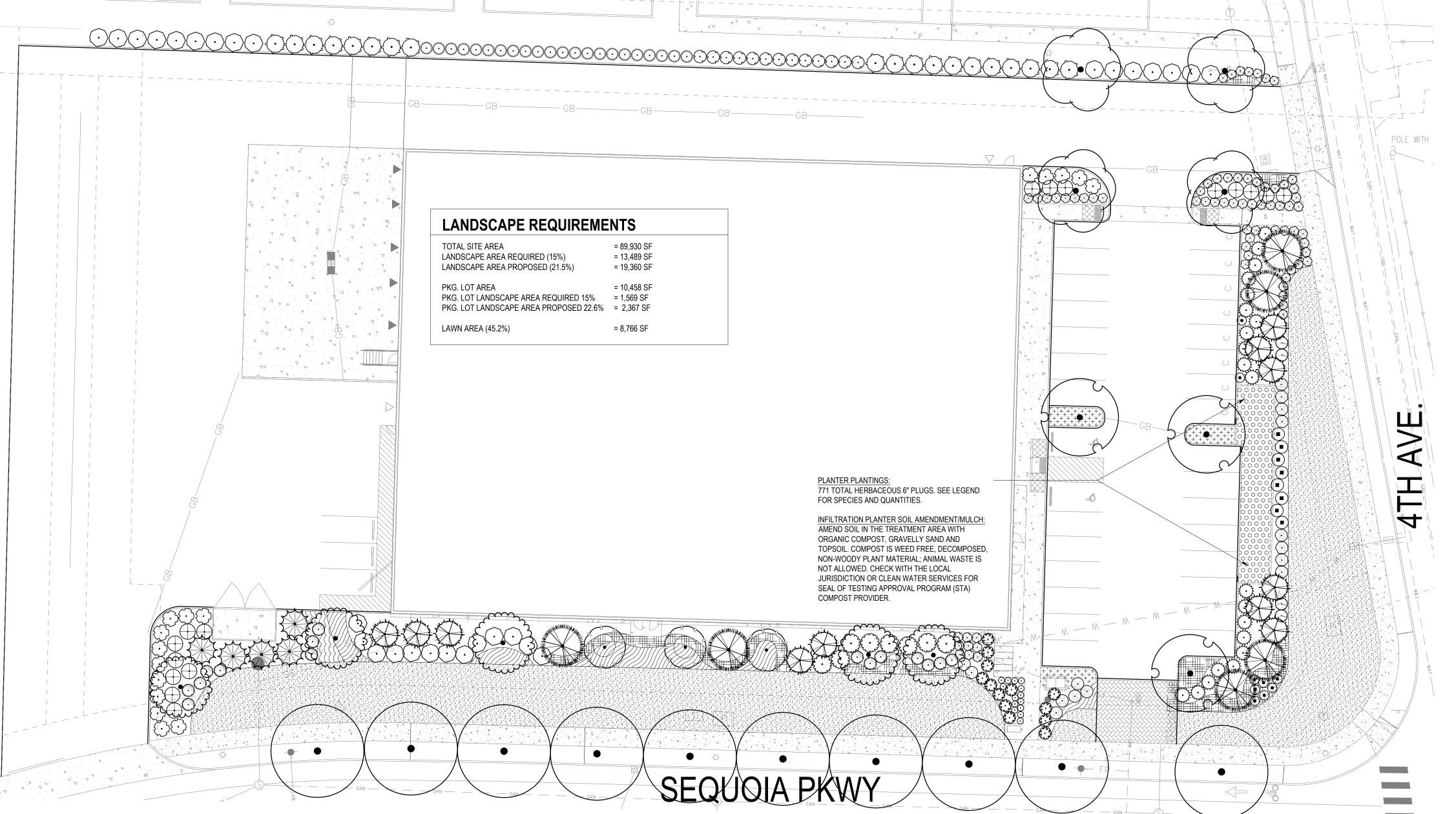
15895 SW 72ND AVE SUITE 200 PORTLAND, OREGON 97224 T E L : 5 0 3 . 2 2 6 . I 2 8 5 F A X : 5 0 3 . 2 2 6 . I 6 7 0





**SITE LIGHTING PLAN** 

SCALE: I"=40' 210146.01



| PLANT SCHE   | DULE |                  |  |                                    |         |
|--|------|------------------|--|------------------------------------|---------|
| TREES  | CODE | QTY              | BOTANICAL NAME                           | COMMON NAME                        | SIZE    |
| AF 4 ACER RUBRUM 'FRANKSRED' TM  |      | RED SUNSET MAPLE | 2" CAL.                                  |                                    |         |
| · ·  | CE   | 3                | CARPINUS BETULUS 'JFS-KW1CB' TM          | EMERALD AVENUE EUROPEAN HORNBEAM   | 2" CAL. |
| £.,  | MW   | 5                | MACLURA POMIFERA 'WHITE SHIELD'          | WHITE SHIELD OSAGE ORANGE          | 2" CAL. |
| EVERGREEN TREES  | CODE | QTY              | BOTANICAL NAME                           | COMMON NAME                        | SIZE    |
|  | СР   | 11               | CHAMAECYPARIS NOOTKATENSIS 'PENDULA'     | WEEPING NOOTKA CYPRESS             | 6` HT.  |
|  | ML   | 3                | MAGNOLIA GRANDIFLORA 'LITTLE GEM'        | LITTLE GEM DWARF SOUTHERN MAGNOLIA | 6° HT.  |
| PC2  |      | 5                | PINUS CEMBRA 'CHALET'                    | CHALET SWISS STONE PINE            | 6` HT.  |
| MANUAL MA | PF   | 6                | PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'    | VANDERWOLF'S PYRAMID LIMBER PINE   | 6` HT.  |
| STREET TREES   | CODE | QTY              | BOTANICAL NAME                           | COMMON NAME                        | SIZE    |
| $\overline{\bullet}$   | FU   | 10               | FRAXINUS PENNSYLVANICA 'URBANITE'        | URBANITE GREEN ASH                 | 2" CAL. |
| SHRUBS   | CODE | QTY              | BOTANICAL NAME                           | COMMON NAME                        | SIZE    |
| $\bigoplus$  | AE   | 16               | ABELIA X GRANDIFLORA 'EDWARD GOUCHER'    | GLOSSY ABELIA                      | 3 GAL.  |
| $\odot$  | ВС   | 8                | BERBERIS THUNBERGII 'MONOMB' TM          | CHERRY BOMB JAPANESE BARBERRY      | 1 GAL.  |
| $(\tilde{\cdot})$  | CD   | 9                | CARYOPTERIS X CLANDONENSIS 'DARK KNIGHT' | BLUE MIST SHRUB                    | 1 GAL.  |

| $\bigcirc$                              | CJ  | 19 | CEANOTHUS X 'JULIA PHELPS'               | CALIFORNIA LILAC         | 1 GAL. |
|---|-----|----|--|--------------------------|--------|
| $\odot$                                 | СТ  | 29 | CHOISYA TERNATA                          | MEXICAN ORANGE           | 1 GAL. |
| •                                       | ES  | 8  | EUONYMUS JAPONICUS 'SILVER KING'         | SILVER KING EUONYMUS     | 1 GAL. |
| MANANANANANANANANANANANANANANANANANANAN | GS  | 22 | GAULTHERIA SHALLON                       | SALAL                    | 1 GAL. |
| **************************************  | IS  | 21 | ILEX GLABRA `SHAMROCK`                   | INKBERRY                 | 3 GAL. |
| (o)                                     | LB  | 14 | LIRIOPE SPICATA 'BIG BLUE'               | CREEPING LILY TURF       | 1 GAL. |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~  | LN  | 8  | LONICERA NITIDA 'LEMON BEAUTY'           | BOXLEAF HONEYSUCKLE      | 1 GAL. |
| <del>\(\)</del>                         | LP  | 16 | LONICERA PILEATA                         | PRIVET HONEYSUCKLE       | 1 GAL. |
| <u> </u>                                | LN2 | 15 | LOROPETALUM CHINENSE RUBRUM 'PIPA'S RED' | PIPA'S RED FRINGE FLOWER | 1 GAL. |
| $\bigcirc$                              | MD  | 7  | MICROBIOTA DECUSSATA                     | SIBERIAN CARPET CYPRESS  | 1 GAL. |
| 6                                       | PA2 | 13 | PENNISETUM ALOPECUROIDES                 | FOUNTAIN GRASS           | 1 GAL. |
| $\overline{\bigcirc}$                   | PR  | 36 | PENNISETUM ALOPECUROIDES 'RED HEAD'      | RED HEAD FOUNTAIN GRASS  | 1 GAL. |
| $\odot$                                 | RR  | 25 | ROSA X 'KNOCKOUT' TM                     | ROSE                     | 1 GAL. |
| $\frac{\mathbb{Z}}{\mathbb{Q}}$         | SD  | 13 | SPIRAEA DOUGLASII                        | WESTERN SPIREA           | 1 GAL. |
| •                                       | WS  | 9  | WEIGELA FLORIDA 'BOKRASPIWI' TM          | SPILLED WINE WEIGELA     | 1 GAL. |
|   | WI  | 4  | WEIGELA FLORIDA 'MORCOLZAM'              | MOR-COLOURFUL WEIGELA    | 1 GAL. |

#### **PLANTING NOTES**

- 1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT CITY OF CANBY STANDARDS AND THE OREGON STRUCTURAL SPECIALTY CODE.
- CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT AT LEAST TWO WEEKS PRIOR TO START OF LANDSCAPE WORK TO REVIEW PLANT SUBSTITUTIONS & JURISDICTIONAL REQUIREMENTS.
- SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS SPECIFICALLY ACCEPTED IN WRITING BY THE OWNER OR OWNER'S
- VERIFY ALL EXISTING CONDITIONS, INCLUDING LOCATION OF PROPERTY LINES, PRIOR TO BEGINNING ANY WORK, REPORT ANY
- DO NOT WILLFULLY PROCEED WITH CONSTRUCTION WHEN UNKNOWN OBSTRUCTIONS AND/OR DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE OF UNKNOWN OBSTRUCTIONS
- PROTECT EXISTING ITEMS TO REMAIN DURING CONSTRUCTION. ANY DAMAGE TO EXISTING ITEMS DESIGNATED TO REMAIN I.E. CURBS, WALKS, PLANT MATERIAL, LAWN OR FENCES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE
- PROTECT ALL UTILITIES, SITE FEATURES AND VEGETATION TO REMAIN IN PLACE. ANY DAMAGE TO ANY KNOWN EXISTING UTILITY ELEMENTS SHALL BE REPAIRED PROPERLY AND IMMEDIATELY.
- REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ALL DEBRIS AND EXCAVATED MATERIAL NOT REQUIRED FOR FILL. NO RUBBISH OR DEBRIS SHALL BE BURIED ON THE SITE.
- MAINTAIN ALL ROADWAYS AND PAVED PATHWAYS CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, PROVIDING NECESSARY DUST CONTROL WHERE REQUIRED.
- 10. COORDINATE AND SCHEDULE ALL WORK WITH THE OWNER'S REPRESENTATIVE. 11. INSTALL EROSION CONTROL SYSTEMS IN ACCORDANCE WITH CITY OF CANBY STANDARDS PRIOR TO SITE WORK AND
- LANDSCAPE INSTALLATION. 12. CONTRACTOR SHALL PROVIDE TOPSOIL, SOIL AMENDMENTS, AND EROSION CONTROL
- 13. CONTRACTOR SHALL SUBMIT CERTIFIED TOPSOIL ANALYSIS REPORT FOR OWNER'S APPROVAL PRIOR TO PLANT INSTALLATION.
- 14. CONTRACTOR IS RESPONSIBLE FOR ANY AMENDMENTS TO SOIL PH FERTILITY AND/OR DRAINAGE CONDITIONS NECESSARY TO ENSURE PROPER GROWING CONDITIONS FOR PROPOSED PLANTINGS. SEE SPECS.
- 15. CONTRACTOR SHALL FOLLOW PROVIDER'S INSTRUCTIONS AND RECOMMENDATIONS FOR SEEDING. 16. ALL PLANTS SHALL BE IRRIGATED BY A FULLY AUTOMATED, PERMANENT IRRIGATION SYSTEM UNLESS OTHERWISE NOTED. SEE
- 17. PRIOR TO FINAL ACCEPTANCE, CONTRACTOR SHALL PROVIDE OWNER WITH AS-BUILT PLANS OF THE INSTALLATION, COPIES OF ALL OPERATION MANUALS AND WARRANTY DOCUMENTS.
- 18. ALL NEW PLANTS IN LANDSCAPE AREAS SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL
- 19. COORDINATE INSTALLATION PLANTING MATERIALS WITH IRRIGATION. PLANT ONLY IN AREAS WHERE THE IRRIGATION SYSTEM IS COMPLETE AND FULLY OPERATIONAL.

#### PLANT HEALTH AND REPLACEMENT

- 25. PROVIDE PLANT MATERIAL THAT IS HEALTHY NURSERY STOCK, WELL BRANCHED, AND FULL FOLIATED WHEN IN LEAF; AND FREE FROM DISEASE, INJURY, INSECTS, WEEDS AND WEED ROOTS.
- 26. PLANT MATERIALS NOT MEETING SPECIFICATION REQUIREMENTS WILL BE REJECTED.

#### INITIAL INSPECTION OF PLANT MATERIAL

- 27. ASSEMBLE ALL PLANTS FOR EACH INSPECTION AT ONE LOCATION FOR INSPECTION TO BE COMPLETED IN ONE VISIT. ANY FURTHER INSPECTION REQUIRED DUE TO PLANTS BEING UNAVAILABLE, REJECTED, AND OR NOT MEETING SPECIFICATIONS SHALL BE CHARGED TO THE CONTRACTOR AT THE CURRENT HOURLY RATE FOR THE LANDSCAPE ARCHITECT PERFORMING THE
- 28. OWNER RETAINS RIGHT TO OBSERVE TREES AND SHRUBS FURTHER FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEMS, INSECTS, INJURIES, AND LATENT DEFECTS AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING
- 29. REMOVE REJECTED TREES OR SHRUBS FROM PROJECT SITE WITHIN 24 HOURS. 30. REPLACE PLANT MATERIALS REJECTED BY OWNER AT NO ADDITIONAL EXPENSE TO OWNER.

31. ALL PLANTS SHALL BE INSTALLED ACCORDING TO AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1) AS WELL AS DETAIL

- 32. LAYOUT OF MAJOR PLANTING AREAS AS INDICATED IN THE DRAWINGS ARE APPROXIMATE ONLY; OUTLINE IN THE FIELD LOCATIONS AND IDENTITY OF ALL TREES. SHRUBS AND GROUND COVERS. SUBJECT TO REVIEW AND APPROVAL.
- 33. INSPECTION: NOTIFY THE OWNER 48 HOURS PRIOR TO BEGINNING PLANTING. THE OWNER MAY ADJUST PLANT MATERIAL LOCATION TO MEET FIELD CONDITIONS.
- 34. DO NOT COMMENCE WITH PLANTING UNTIL OWNER HAS APPROVED THE LOCATION AND LAYOUT OF ALL PLANT BEDS. 35. IF WORK IS NOT PROMPTLY OR PROPERLY PERFORMED BY THE CONTRACTOR, THE OWNER WILL, AT THEIR DISCRETION, HAVE
- THE WORK PERFORMED BY OTHERS. THE COST OF THE WORK BY OTHERS WILL BE DEDUCTED FROM THE CONTRACT AMOUNT. 36. MULCH ALL SHRUBS AND GROUND COVER PLANTING BEDS WITH A 2 INCH LAYER OF IMPORTED MULCH MATERIAL WITHIN 2 DAYS
- AFTER PLANTING. 37. COVER ENTIRE BED AREAS; APPLY EVENLY.

38. SHOVEL-CUT EDGING: SEPARATE MULCHED AREAS FROM TURF AREAS, CURBS, AND PAVING WITH A 45 DEGREE, 4 TO 6 INCH DEEP, SHOVEL-CUT EDGE.

39. 1.MAINTAIN LANDSCAPE PLANTINGS FROM INSTALLATION UNTIL FINAL ACCEPTANCE. 40. MAINTAIN TREES, SHRUBS, AND GROUND COVER BY TRIMMING, PRUNING, CULTIVATING, WATERING, WEEDING, FERTILIZING. RESTORING PLANTING SAUCERS, TIGHTENING AND REPAIRING STAKES AND GUY SUPPORTS, AND RESETTING TO PROPER GRADES OR VERTICAL POSITION, AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS.

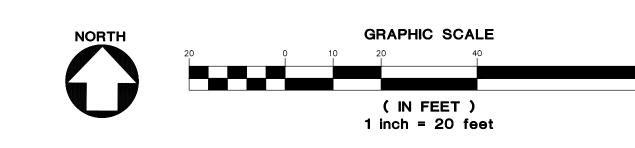
#### WEEDING AND CLEANUP

- 42. KEEP ALL LANDSCAPE AREAS CLEAN AND WEED FREE. KEEP ALL BUILDINGS, PAVEMENTS, AND OTHER EXTERIOR
- IMPROVEMENTS CLEAN AND FREE OF SOIL AND DEBRIS. 43. WEED ALL BEDS WEEKLY.

41. WATER TREES BY DEEP ROOT WATERING METHOD.

| ₹5. | WELD ALL DEDG WELKET.  |
|-----|--|
| 44. | APPLY A 2 INCH LAYER OF MULCH MATERIAL TO SAUCER AREAS OF TREES AND SHRUBS LOCATED OUTSIDE OF PLANTING BEDS.           |
|     | PLACE MULCH NO CLOSER THAN 4 INCHES FROM TRUNKS OF WOODY PLANT MATERIAL AND AWAY FROM THE CROWNS OF HERBACEOUS PLANTS. |
|     |  |

| GROUND COVERS                           | CODE     | QTY | BOTANICAL NAME                            | COMMON NAME          | SIZE    | SPACING  |  |
|---|----------|-----|---|----------------------|---------|----------|--|
|   | AR2      | 42  | AJUGA REPTANS<br>AQUIRE FROM OWNER'S YARD | CARPET BUGLE         | 1 GAL.  | 18" o.c. |  |
| + + + + + + + + + + + + + + + + + + +   | FC       | 73  | FRAGARIA CHILOENSIS                       | BEACH STRAWBERRY     | 4" POT  | 24" o.c. |  |
|   | MN       | 361 | MAHONIA NERVOSA                           | OREGON GRAPE         | 1 GAL.  | 18" o.c. |  |
|   | RG2      | 279 | RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' | GOLDSTURM CONEFLOWER | 1 GAL.  | 18" o.c. |  |
|   | 100      |     | CAREX OBNUPTA                             |                      | 6" PLUG | 12" o.c. |  |
|   | 1 102    |     | CAREX DENSA                               |                      | 6" PLUG | 12" o.c. |  |
| (0)000000000000000000000000000000000000 | 194      |     | JUNCUS PATENS                             |                      | 6" PLUG | 12" o.c. |  |
|   | 7 197    |     | JUNCUS EFFUSUS 6" PLUG 12" o.c.           |                      |         |          |  |
|   | 8,810 SF |     | LAWN                                      |                      | •       |          |  |



Teresa Katherine Long

OREGON SOLVE APE ARCHI

ENGINEERING 75 SW Griffith Drive | Suite 100 | Beaverton, OR | 9700 503.620.3030 tel. | 503.620.5539 fax | www.aaieng.com Project No. A21125.10

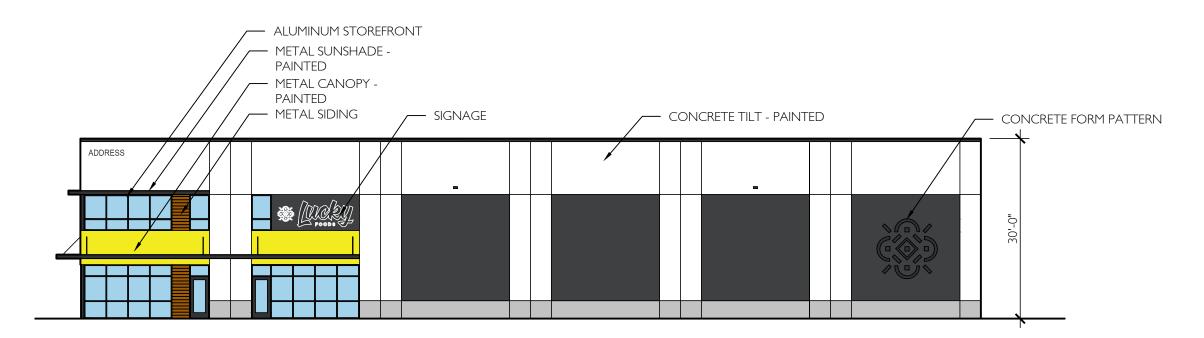


15895 SW 72ND AVE SUITE 200 PORTLAND, OREGON 97224 TEL: 503.226.1285 FAX: 503.226.1670 W W W . C I D A I N C . C O P

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SEQUOI

LANDSCAPE PLAN



### **SOUTH ELEVATION**

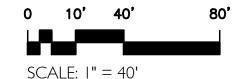
ALUMINUM STOREFRONT -1/16" = 1'-0" METAL SUNSHADE -PAINTED METAL CANOPY -PAINTED SIGNAGE -CONCRETE FORM PATTERN METAL SIDING CONCRETE TILT - PAINTED ADDRESS

# WEST ELEVATION |/|6" = |'-0"



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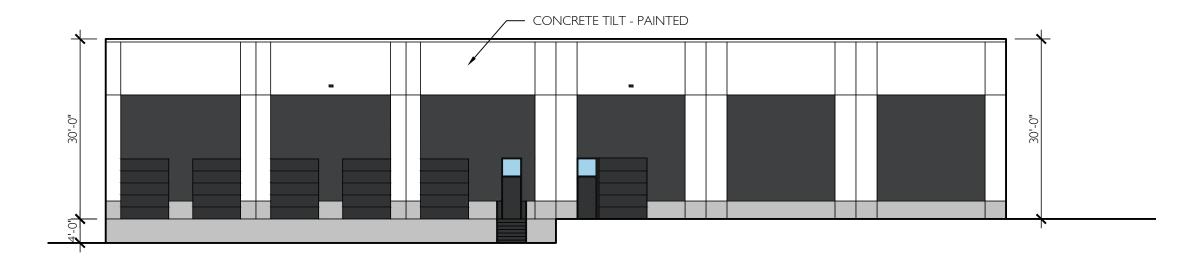


#### **ELEVATIONS**

9/24/2021 GMR

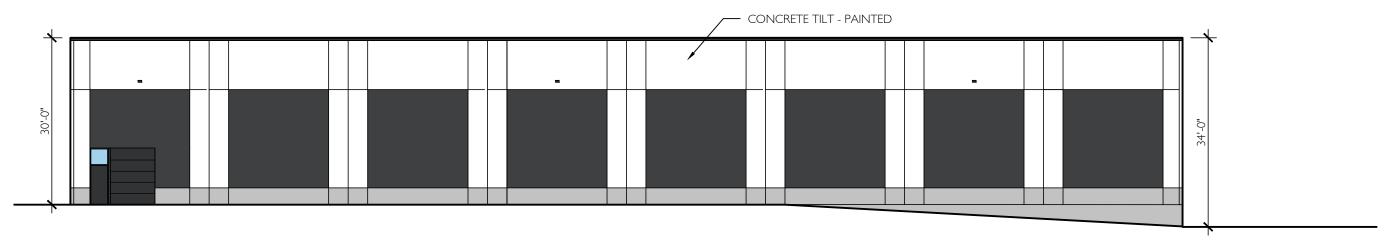
SCALE: I"=40' 210146.01

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### **NORTH ELEVATION**

1/16" = 1'-0"

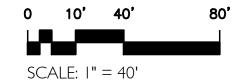


# EAST ELEVATION |/|6" = |'-0"

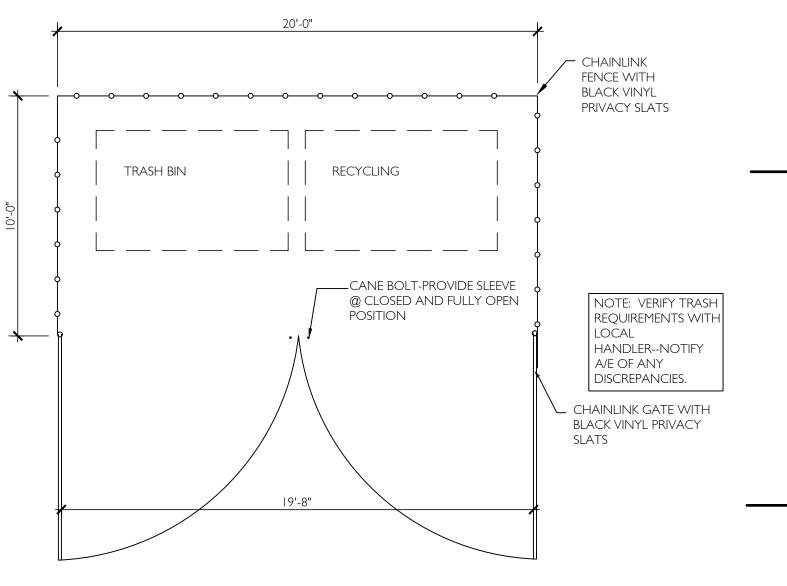


#### **LUCKY FOODS CANBY, OREGON**

15895 SW 72ND AVE SUITE 200 PORTLAND, OREGON 97224 T E L : 5 0 3 . 2 2 6 . I 2 8 5 F A X : 5 0 3 . 2 2 6 . I 6 7 0



#### **ELEVATIONS**



### FINISH GRADE SEE CIVIL CHAINLINK FENCE WITH -BLACK VINYL PRIVACY SLATS 20'-0" -CHAINLINK **FENCE** CHAINLINK GATE WITH -BLACK VINYL PRIVACY SLATS T.O. FENCE FINISH GRADE SEE CIVIL 19'-8" -PROVIDE 1/2" ROUND STEEL CANE BOLT ON EACH GATE. EMBED PIPE SLEEVE AT CLOSED AND FULLY OPEN POSITIONS TRASH ENCLOSURE ELEVATION 1/4" = 1'-0"

T.O. FENCE

10'-0"

### TRASH ENCLOSURE PLAN

1/4" = 1'-0"



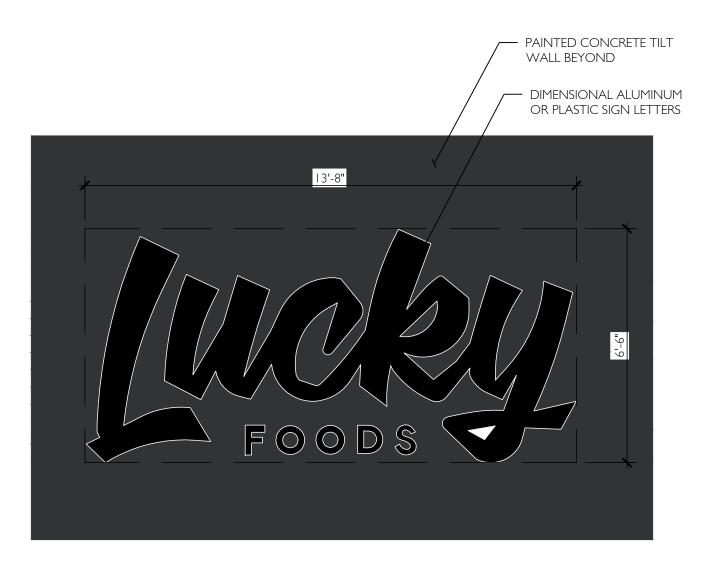
# LUCKY FOODS CANBY, OREGON

PORTLAND, OREGON 97224
TEL: 503.226.1285
FAX: 503.226.1670

#### TRASH ENCLOSURE

9/24/2021 GMR SCALE: 1/4"=1' 210146.01

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NOTE: MAX 190 SF ALLOWED ON SECONDARY FACADE - 89 SF PROPOSED NOTE: MAX 300 SF ALLOWED ON PRIMARY FACADE - 57 SF PROPOSED

PAINTED CONCRETE TILT

WALL BEYOND

### **BUILDING SIGNS**

3/8" = 1'-0"



# LUCKY FOODS CANBY, OREGON

I 5 8 9 5 SW 7 2 N D A V E SUITE 2 0 0
PORTLAND, OREGON 9 7 2 2 4
TEL: 5 0 3 . 2 2 6 . I 2 8 5
FAX: 5 0 3 . 2 2 6 . I 6 7 0

SIGNS

9/24/2021 GMR SCALE: 3/8"=1' 210146.01







KAWNEER ALUMINUM STOREFRONT - BLACK

VITRO GLASS - SOLARGRAY

#### **PAINT**

SW 6914

#### **Eye Catching**

Interior / Exterior Location Number: 138-C6

SW 7674 Peppercorn

Interior / Exterior Location Number: 236-C7

SW 7005

#### **Pure White**

Interior / Exterior Location Number: 255-C1

SW 7658 Gray Clouds

Interior / Exterior Location Number: 238-C3



LUCKY FOODS CANBY, OREGON

 I 5 8 9 5 SW 72ND AVE SUITE 200

 PORTLAND, OREGON 97224

 T E L: 5 0 3 . 2 2 6 . I 2 8 5

 F A X: 5 0 3 . 2 2 6 . I 6 7 0

POTENTIAL UNDERGROUND FACILITY OWNERS

# DIG | SAFEL

CALL THE OREGON ONE-CALL CENTER 1-800-332-2344

EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS M-F 7am-5pm 503-226-4211 EXT.4313 AFTER HOUR'S

QWEST

VERIZON

503-464-7777 1-800-573-1311 1-800-483-1000

503-226-4211



#### GENERAL NOTES

- 1. CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN, ON THE PLANS.
- 2. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
- 3. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
- 4. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED - DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY.
- 5. BUILDING SETBACK DIMENSIONS FROM PROPERTY LINES SHALL HOLD OVER ALL OTHER CALLOUTS. PROPERTY LINES AND ASSOCIATED BUILDING SETBACKS SHALL BE VERIFIED PRIOR TO CONSTRUCTION LAYOUT.
- 6. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.
- 7. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2017 OREGON PLUMBING SPECIALTY CODE AND LOCAL JURISDICTION REQUIREMENTS.
- 8. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES. ORDINANCES AND REGULATIONS. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
- 9. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
- 10. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF AAI ENGINEERING, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
- 11. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
- 12. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE
- 13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
- 14. TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO LOCAL JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE
- 16. THE CONTRACTOR SHALL HAVE A FULL SET OF THE CURRENT APPROVED CONSTRUCTION DOCUMENTS INCLUDING ADDENDA ON THE PROJECT SITE AT ALL TIMES.
- 17. THE CONTRACTOR SHALL KEEP THE ENGINEER AND JURISDICTION INFORMED OF CONSTRUCTION PROGRESS TO FACILITATE SITE OBSERVATIONS AT REQUIRED INTERVALS. 24-HOUR NOTICE IS REQUIRED.
- 18. EXISTING SURVEY MONUMENTS ARE TO BE PROTECTED DURING CONSTRUCTION OR REPLACED IN ACCORDANCE WITH OREGON REVISED STATUTES 209.140 - 209.155.

#### CONSTRUCTION NOTES

AS DIRECTED BY THE OWNER.

#### <u>DEMOLITION</u>

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, CURBS, SIDEWALKS AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.
- . EXCEPT FOR MATERIALS INDICATED TO BE STOCKPILED OR TO REMAIN ON OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY, REMOVED FROM THE SITE, AND DISPOSED OF PROPERLY.
- 3. ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND DELIVERED STORED AT THE PROJECT SITE
- 4. ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
- 5. CONCRETE SIDEWALKS SHOWN FOR DEMOLITION SHALL BE REMOVED TO THE NEAREST EXISTING CONSTRUCTION JOINT.
- 6. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.

#### **UTILITIES**

- 1. ADJUST ALL INCIDENTAL STRUCTURES, MANHOLES, VALVE BOXES, CATCH BASINS, FRAMES AND COVERS, ETC. TO FINISHED GRADE.
- 2. CONTRACTOR SHALL ADJUST ALL EXISTING AND/OR NEW FLEXIBLE UTILITIES (WATER, TV. TELEPHONE, ELEC., ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS.
- 3. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES FOR THE INSTALLATION OF OR ADJUSTMENT TO GAS, ELECTRICAL, POWER AND TELEPHONE SERVICE.
- 4. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS CONTRACTOR SHALL SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH AND SUBMIT TO ENGINEER AND OWNER.

#### STORM AND SANITARY

- 1. CONNECTIONS TO EXISTING STORM AND SANITARY SEWERS SHALL CONFORM TO THE 2021 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 00490, "WORK ON EXISTING SEWERS AND STRUCTURES".
- 2. BEGIN LAYING STORM DRAIN AND SANITARY SEWER PIPE AT THE LOW POINT OF THE SYSTEM, TRUE TO GRADE AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERT. THE CONTRACTOR SHALL ESTABLISH LINE AND GRADE FOR THE STORM AND SANITARY SEWER PIPE USING A LASER.
- ALL ROOF DRAIN AND CATCH BASIN LEADERS SHALL HAVE A MINIMUM SLOPE OF 1 PERCENT UNLESS NOTED OTHERWISE IN THE PLANS.
- 4. ALL STORM AND SANITARY FITTINGS TO BE ECCENTRIC FITTINGS UNLESS OTHERWISE NOTED.

#### <u>WATER</u>

- 1. ALL WATER AND FIRE PROTECTION PIPE SHALL HAVE A MINIMUM 36-INCH COVER TO THE FINISH GRADE.
- 2. ALL WATER AND FIRE PRESSURE FITTINGS SHALL BE PROPERLY RESTRAINED WITH THRUST BLOCKS PER DETAIL.
- 3. ALL WATER MAIN / SANITARY SEWER CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT REGULATIONS, CHAPTER 333.

#### **EARTHWORKS**

- 1. CONTRACTOR SHALL PREVENT SEDIMENTS AND SEDIMENT LADEN WATER FROM ENTERING THE STORM DRAINAGE SYSTEM.
- 2. TRENCH BEDDING AND BACKFILL SHALL BE AS SHOWN ON THE PIPE BEDDING AND BACKFILL DETAIL, THE PROJECT SPECIFICATIONS AND AS REQUIRED IN THE SOILS REPORT. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER WILL NOT BE PERMITTED.
- 3. SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER IS NOT PERMITTED.

### <u>PAVING</u>

1. SEE ARCHITECTURAL PLANS FOR SIDEWALK FINISHING AND SCORING PATTERNS.

#### MATERIAL NOTES

INDICATED IN THE PLANS

- GENERAL: MATERIALS SHALL BE NEW. THE USE OF MANUFACTURER'S NAMES, MODELS, AND NUMBERS IS INTENDED TO ESTABLISH STYLE, QUALITY, APPEARANCE, AND USEFULNESS. PROPOSED SUBSTITUTIONS WILL REQUIRE WRITTEN APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
- 2. STORM AND SANITARY SEWER PIPING SHALL BE PVC PIPE AS INDICATED IN THE PLANS. PIPES WITH LESS THAN 2' OF COVER SHALL BE C900/C905 PVC, HDPE OR DUCTILE IRON
- 3. PRIVATE WATER MAINS 4-INCH DIAMETER AND LARGER SHALL BE DUCTILE IRON PIPE SCH 52 OR C900; AS
- 4. PRIVATE WATER LINES 3-INCH DIAMETER AND SMALLER SHALL BE TYPE K COPPER OR PVC; AS INDICATED IN THE
- 5. CONCRETE FOR CURBS, SIDEWALK AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS.

#### SEPARATION STATEMENT

ALL WATER MAIN CROSSINGS SHALL CONFORM TO THE OREGON STATE HEALTH DEPARTMENT, CHAPTER 333. WATER MAINS SHALL CROSS OVER SANITARY SEWERS WITH A 18" MINIMUM CLEARANCE BETWEEN OUTSIDE DIAMETERS OF PIPE WITH ALL PIPE JOINTS EQUIDISTANT FROM CROSSING. HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWERS IN PARALLEL INSTALLATIONS SHALL BE 10'. MAINTAIN 12" MINIMUM VERTICAL DISTANCE FOR ALL OTHER UTILITY CROSSINGS AND 12" HORIZONTAL PARALLEL DISTANCE. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN THE MINIMUM 10' HORIZONTAL SEPARATION, THE WATER MAIN SHALL BE LAID ON A SEPARATE SHELF IN THE TRENCH 18" INCHES ABOVE THE SEWER.



**-** 2

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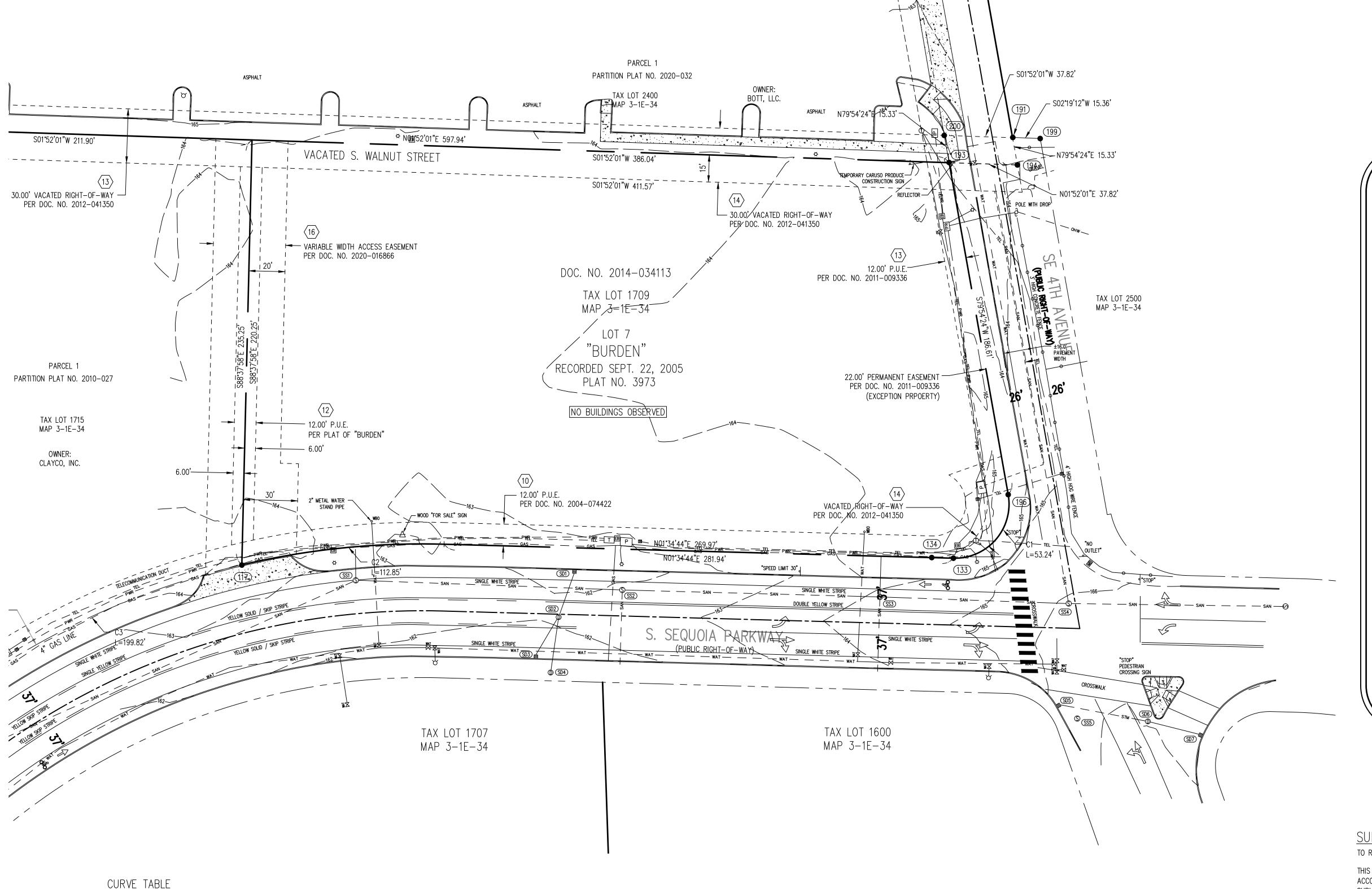
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GENERAL **NOTES** 



B15 NW 169th PLACE, SUITE 2090 BEAVERTON, OR 97006 PH: (503) 848-2127 FAX: (503) 848-2179 EMAIL: nwsurveying@nwsrvy.com URVEYING, INC.

**LEGEND** FIRE HYDRANT FIRE DEPARTMENT CONNECTION WATER BLOWOFF WATER VALVE SANITARY SEWER MANHOLE STORM SEWER CATCH BASIN STORM SEWER MANHOLE GAS VALVE UTILITY POLE POWER VAULT POWER JUNCTION BOX POWER TRANSFORMER STREET LIGHT TELEPHONE/TELEVISION VAULT TELEPHONE/TELEVISION MANHOLE SIGN MAILBOX FOUND SURVEY MONUMENT RIGHT-OF-WAY **BOUNDARY LINE** PROPERTY LINE CENTERLINE EDGE OF PAVEMEN EASEMENT FENCE LINE GRAVEL EDGE POWER LINE OVERHEAD WIRE TELEPHONE LINE GAS LINE STORM SEWER LINE SANITARY SEWER LIN WATER LINE

SURVEYOR'S CERTIFICATION

TO ROBERT EVANS COMPANY, INC. AND OLD REPUBLIC TITLE INSURANCE COMPANY OF OREGON:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2-5, 8, 11(b), 13, AND 16 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON MAY 26, 2021.

## PRELIMINARY

CLINTON H. STUBBS JR. OREGON P.L.S. NO. 55469 DATE OF PLAT OR MAP:

#### SANITARY SEWER INFORMATION

CURVE LENGTH RADIUS DELTA

53.24' | 30.00' | 101°40'20" | N49°15'26"W 46.52'

(53.23')4 (30.00')4 (101°39'22")4 (N49°45'17"W 46.51')4

112.85' 437.00' 14°47'47" N05°49'09"W 112.54'

(112.77')1 (437.00')1 (14°47'07")1 (N07°18'41"W 112.46')1

199.82' 437.00' 26"11'56" N26"19'01"W 198.09' (199.78')2 (437.00')2 (26'11'37")2 (N27'47'56"W 198.05')2

(SS1) MANHOLE RIM = 162.74'8" I.E. IN (S) = 154.8" 12" I.E. IN (E) = 154.712" I.E. OUT (NW) = 154.5' (SS2) MANHOLE

12" I.E. OUT (N) = 155.6' RIM = 162.14'8" I.E. IN (W) = 155.2" 12" I.E. IN (S) = 155.112" I.E. OUT (N) = 155.0

(SS4) SANITARY MANHOLE RIM = 166.18'12" IN (S) = 155.9'12" IN (NE) =155.8' 12" OUT (N) = 155.7'(SS5) SANITARY MANHOLE RIM = 166.66'NOT MEASURED

(SS3) MANHOLE

RIM = 164.22'

8" I.E. IN (E) = 155.9'

8" I.E. IN (W) = 155.8'

12" I.E. IN (S) = 155.7"

### STORM SEWER INFORMATION

10" I.E. OUT (E) = 158.2

UTILITY STATEMENT

SD4 MANHOLE - DRY WELL (SD1) CATCH BASIN RIM = 161.44'RIM = 162.02'10" I.E. IN (E) = 152.0' 10" I.E. OUT (W) = 158.4" SUMP = 143.8'SD2 MANHOLE - DRY WELL (SD5) CATCH BASIN RIM = 162.22'10" I.E. IN (E) = 158.2RIM = 166.18'10" I.E. OUT (S) = 163.010" I.E. IN (W) = 158.2' 10" I.E. OVERFLOW (E) = 158.110" I.E. OVERFLOW (W) = 158.0' SD6 MANHOLE - DRY WELL RIM = 166.94'SUMP = 152.0'10" I.E. IN (N) = 162.7(SD3) CATCH BASIN 10" I.E. IN (S) = 162.6' RIM = 161.14'

(SD7) CATCH BASIN

RIM = 166.29'

10" I.E. OUT (N) = 164.1

#### BASIS OF BEARINGS

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO

GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR

FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY

ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

OREGON STATE PLANE COORDINATE SYSTEM (NORTH ZONE) NAD 83/91.

#### **BOUNDARY RESOLUTION**

THE EAST PROPERTY LINE WAS ESTABLISHED BY HOLDING THE MONUMENTS AT (194) AND (195). THE NORTHEAST PROPERTY CORNER WAS ESTABLISHED AT THE RECORD DISTANCE FROM (194) AS SHOWN ON CLACKAMAS COUNTY SURVEY NUMBER 2012-027. THE NORTHEAST CORNER WAS HELD TOGETHER WITH THE MONUMENT AT (117) TO ESTABLISH THE NORTH PROPERTY LINE. THE CURVED PORTION OF THE RIGHT-OF-WAY FOR S. SEQUOIA PARKWAY WAS ESTABLISHED HOLDING MONUMENTS (117) AND (121) WITH RECORD RADIUS INFORMATION PER PARTITION PLAT NO. 2010-027. THE MONUMENTS AT (133) AND (134) WERE HELD TOGETHER WITH A LINE THAT WAS TANGENT WITH THE CURVE TO ESTABLISH THE REMAINDER OF THE EASTERLY RIGHT-OF-WAY LINE. THE NORTHERLY RIGHT-OF-WAY OF SE 4TH AVENUE WAS ESTABLISHED BY HOLDING MONUMENTS (196) AND (200). A TANGENT CURVE WITH THE RECORD RADIUS FROM THE RIGHT-OF-WAY VACATION WAS HELD BETWEEN THE NORTHERLY AND EASTERLY RIGHT-OF-WAY LINES.

#### PROPERTY DESCRIPTION

LOT 7, BURDEN, IN THE CITY OF CANBY, COUNTY OF CLACKAMAS AND STATE OF OREGON.

EXCEPTING THEREFROM THAT PORTION OF PROPERTY DESCRIBED IN GRANT OF PERMANENT EASEMENT RECORDED FEBRUARY 2, 2011 AS DOCUMENT NO. 2011-009336.

TOGETHER WITH THAT PORTION OF VACATED S. WALNUT STREET AND A VACATED AREA AT THE NORTHEAST CORNER OF SEQUOIA PARKWAY AND SE 4TH AVENUE THAT INURED THERETO BY ORDINANCE NO. 1351, RECORDED JUNE 29, 2012 AS FEE NO. 2012-041350.

1. THE SURVEYED PROPERTY HAS NO ADDRESS AT THE TIME OF THIS SURVEY. IT IS IDENTIFIED AS TAX LOT 1709 ON CLACKAMAS COUNTY ASSESSOR MAP 3-1E-34.

#### 2. THE GROSS PROPERTY AREA IS 2.06 ACRES, MORE OR LESS.

3. THE PROPERTY HAS FRONTAGE ON THE PUBLIC RIGHTS-OF-WAY OF S. SEQUOIA PARKWAY AND SE 4TH AVENUE. IT HAS VEHICULAR ACCESS TO S. SEQUOIA PARKWAY WHERE NOTED AND NO EXISTING VEHICULAR ACCESS TO SE 4TH AVENUE.

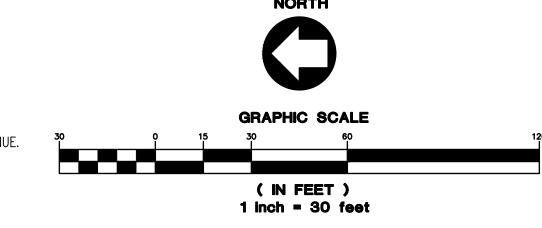
4. THE PROPERTY IS LOCATED ON THE FLOOD INSURANCE RATE MAP FOR CANBY, OREGON WITH A MAP NUMBER 41005C0268D HAVING AN EFFECTIVE DATE OF JUNE 17, 2008. THIS MAP SHOWS THAT THE PROPERTY IS LOCATED IN

5. THE UNDERGROUND UTILITIES ARE BASED ON THE MARKINGS PER LOCATE TICKETS NUMBER 21128336 AND 21141202.

UNSHADED ZONE 'X', DEFINED AS; "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

6. ELEVATIONS ARE GPS DERIVED ON THE NAVD 1988 VERTICAL DATUM.

7. THERE WAS NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.



**EXISTING** CONDITIONS

JOB NO. 210146.01

12/02/2021 - DESIGN REVIEW (

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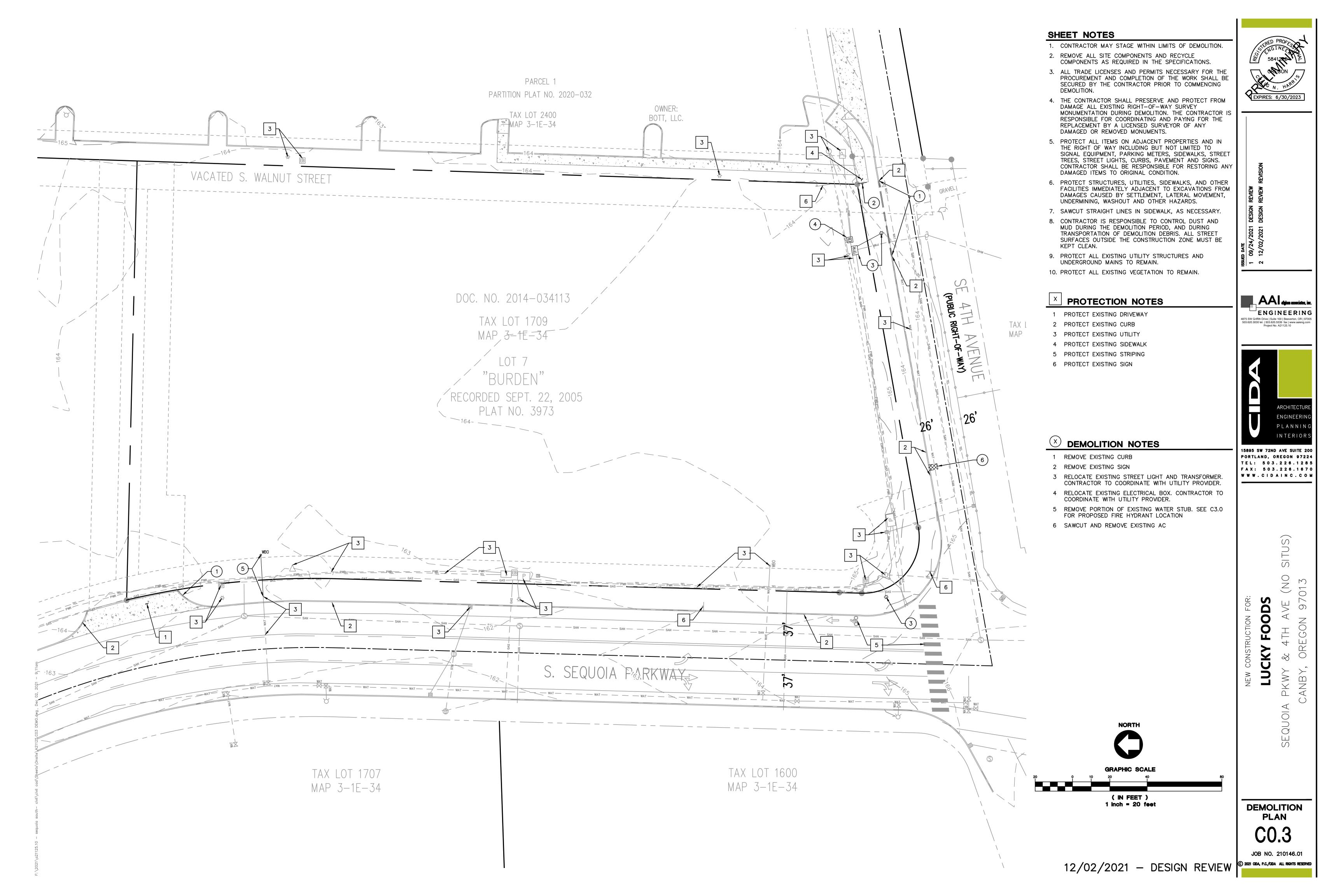
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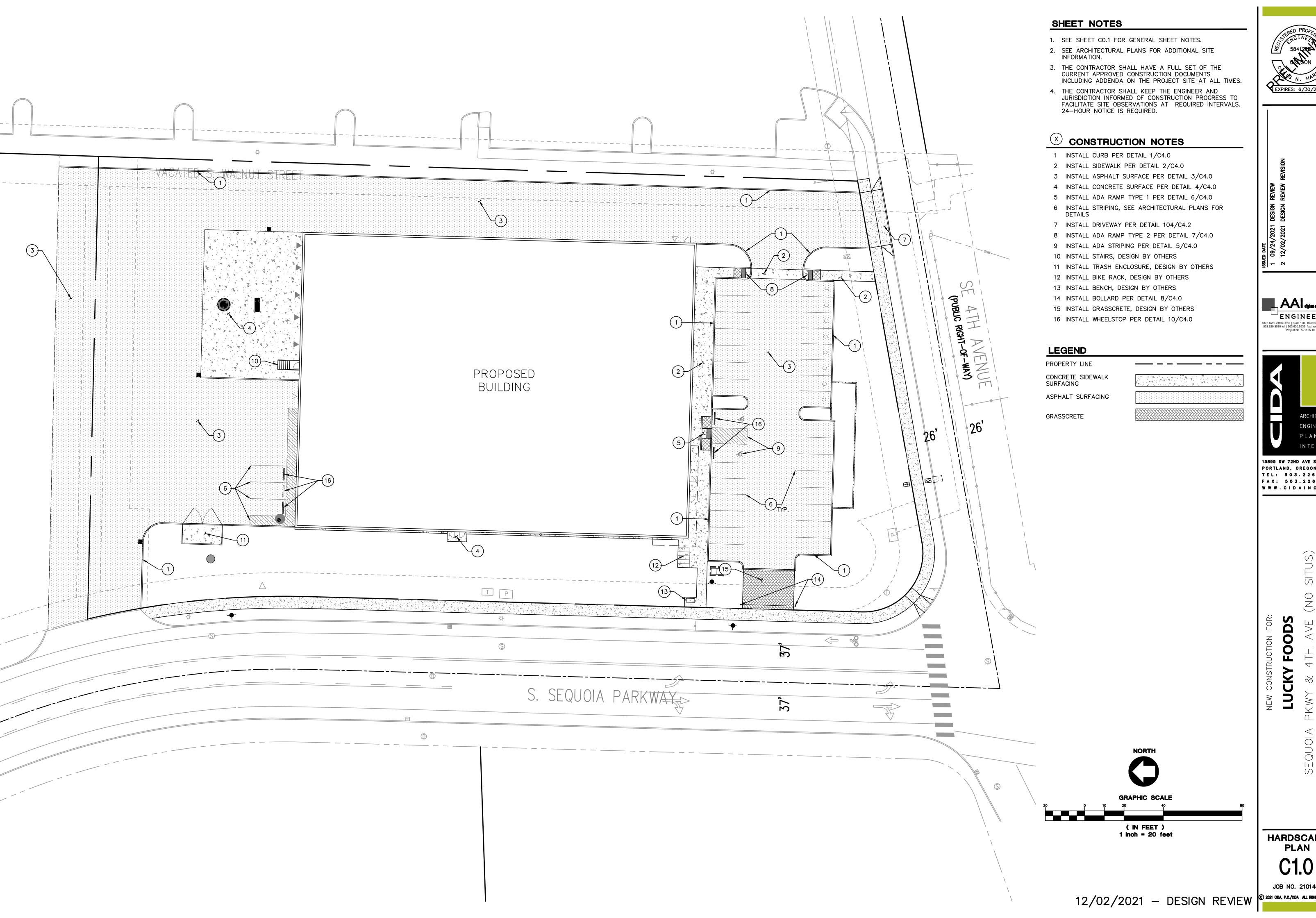
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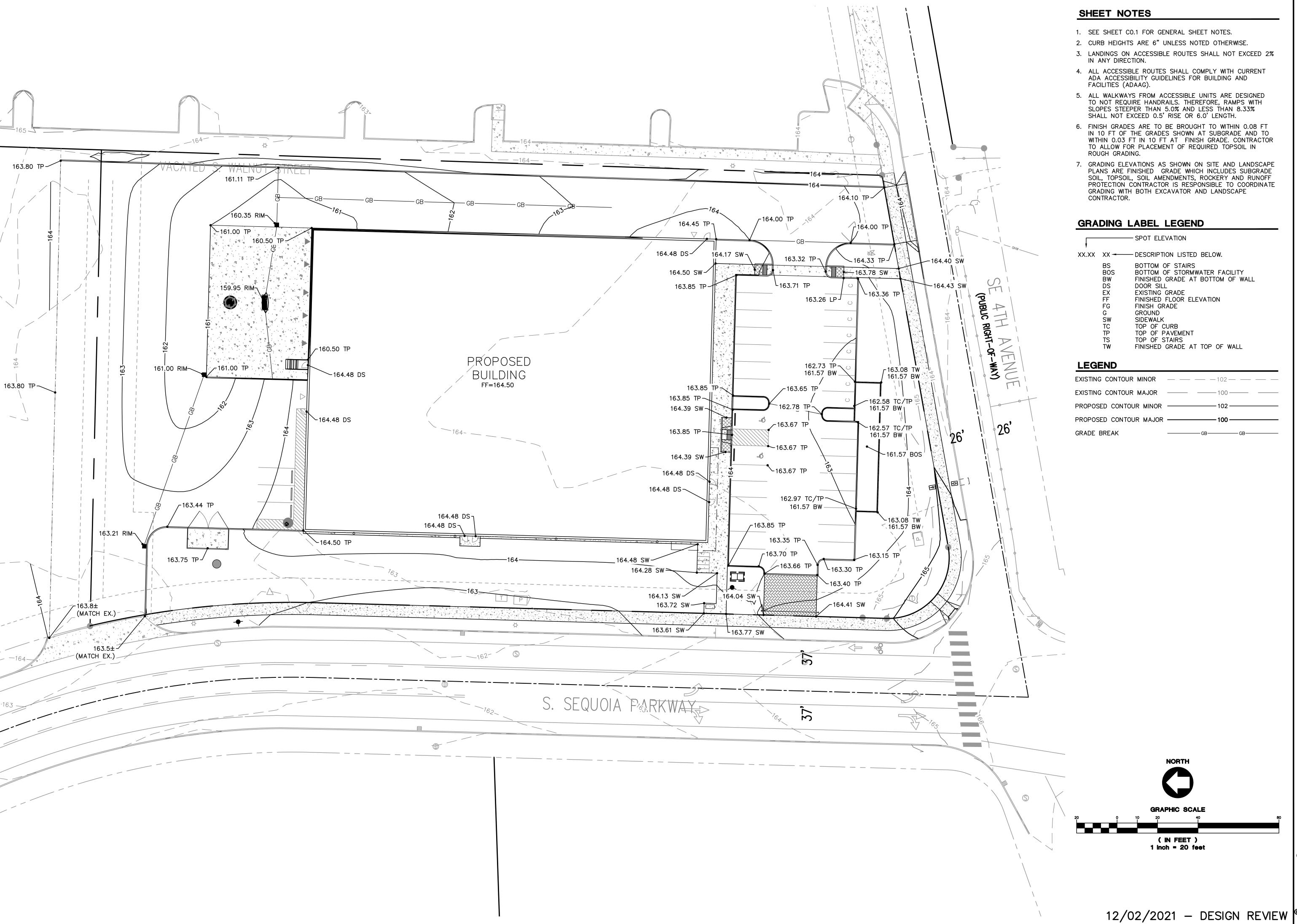


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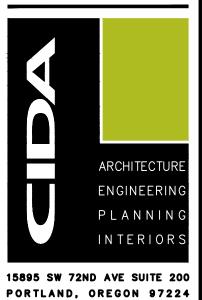
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HARDSCAPE PLAN



EXPIRES: 6/30/2023

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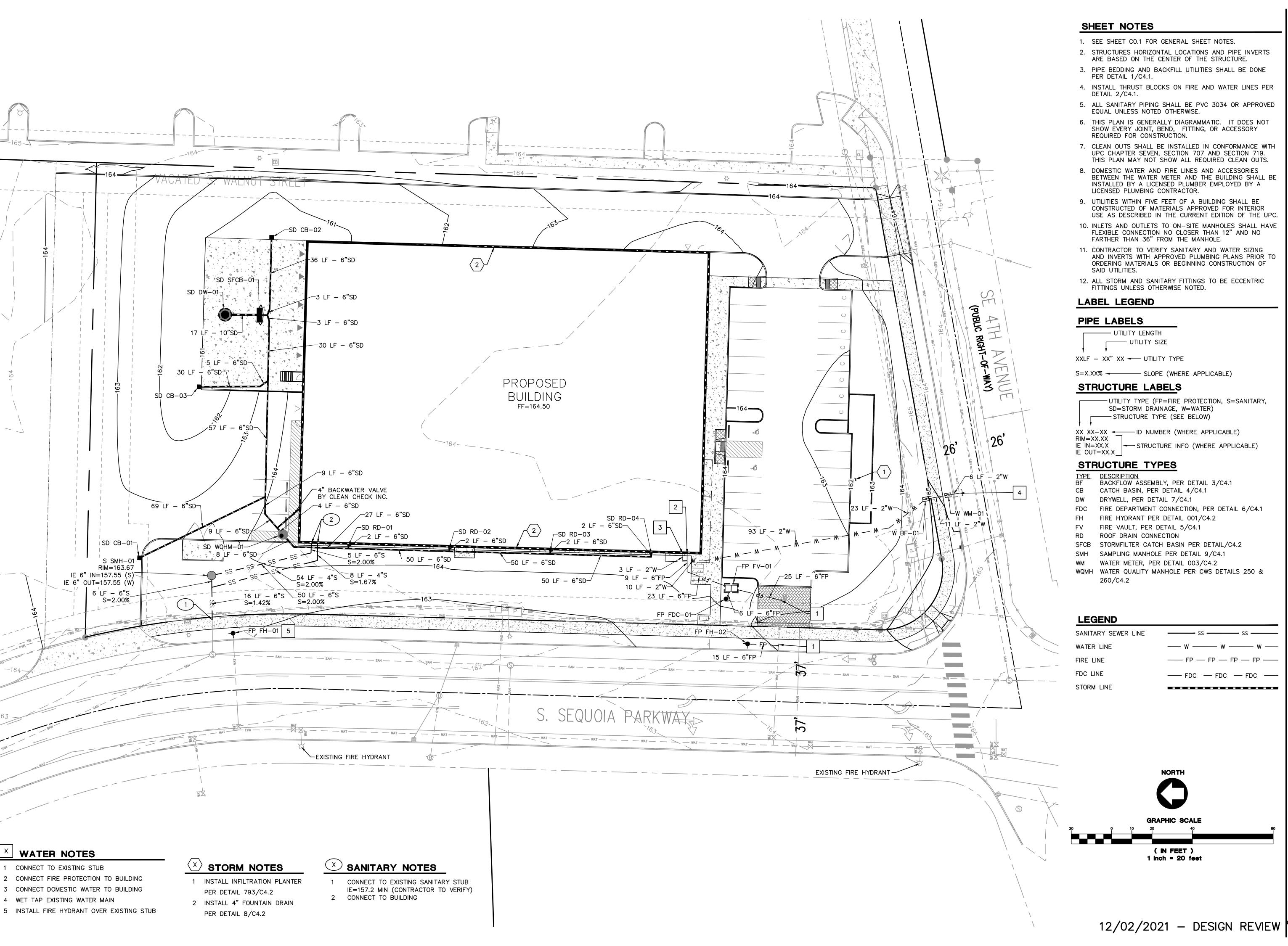


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LUCKY PKWY ANBY,

GRADING PLAN

C2.0



EXPIRES: 6/30/2023

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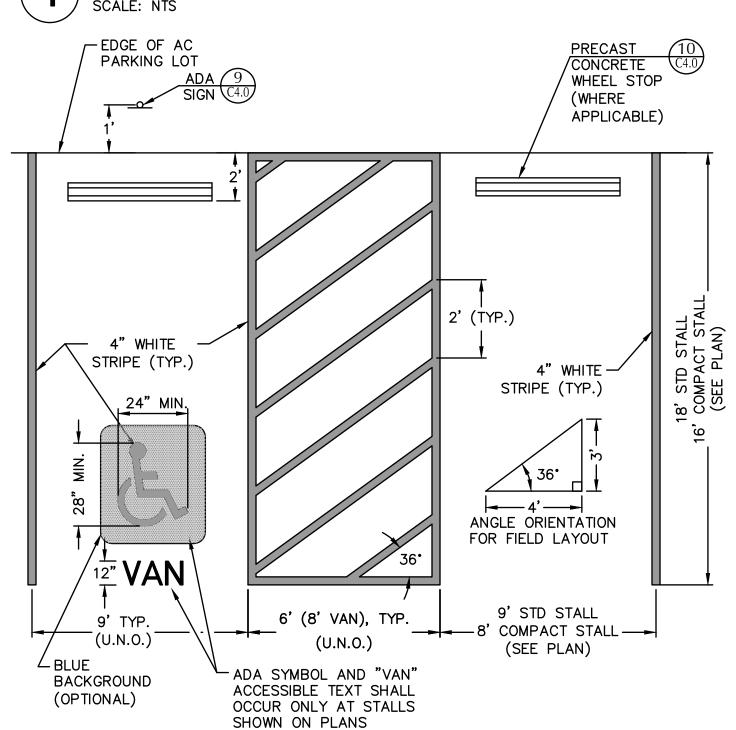
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**UTILITY PLAN** 

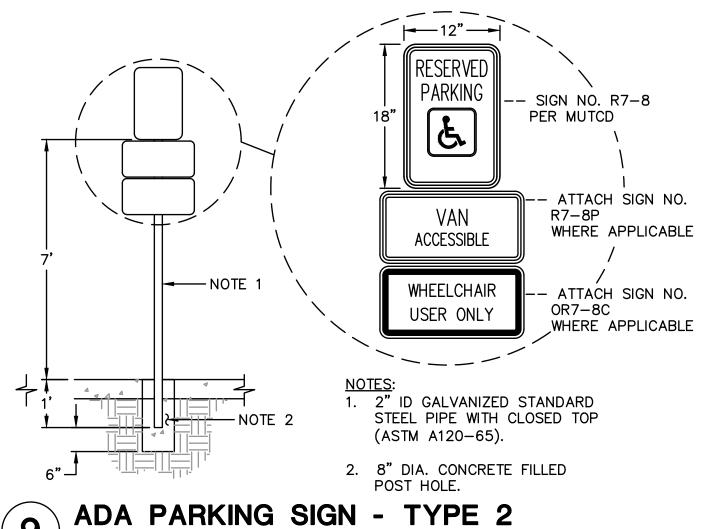
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- 1. CURB EXPOSURE 'E' = 6", TYP. VARY AS SHOWN ON PLANS OR AS DIRECTED.
- 2. CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. CONSTRUCT EXPANSION JOINTS AT 200' MAX SPACING AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY.
- 3. TOPS OF ALL CURBS SHALL SLOPE TOWARD THE ROADWAY AT 2% UNLESS OTHERWISE SHOWN OR AS DIRECTED.
- 4. DIMENSIONS ARE NOMINAL AND MAY VARY TO CONFORM WITH CURB MACHINE AS APPROVED BY THE ENGINEER.

## **CONCRETE CURB - STANDARD**



## TYPICAL PARKING LAYOUT SCALE: NTS

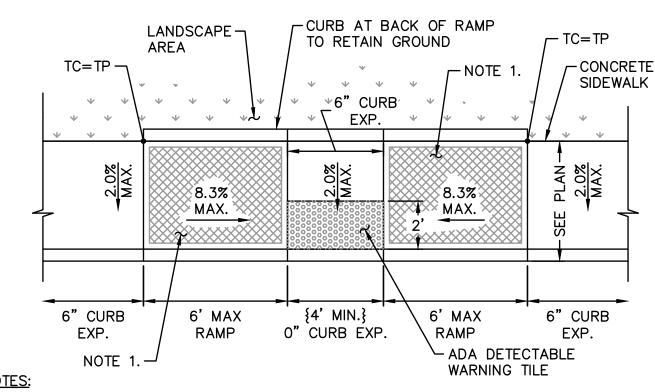


-SEE PLAN-----CONCRETE SIDEWALK 4" MIN. THICKNESS 2% MAX A A A A A COURSE

- 1. CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. CONSTRUCT EXPANSION JOINTS AT 200' MAX SPACING, AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY, UNLESS NOTED OTHERWISE.
- 2. CONCRETE SHALL BE 3000 P.S.I AT 28 DAYS, 6 SACK MIX, SLUMP RANGE OF 1-1/2" TO 3".
- 3. PANELS SHALL BE 5 FEET LONG.
- 4. EXPANSION JOINTS TO BE PLACED AT SIDES OF DRIVEWAY APPROACHES, UTILITY VAULTS, WHEELCHAIR RAMPS, AND AT SPACING NOT TO EXCEED 45
- 5. FOR SIDEWALKS ADJACENT TO THE CURB AND POURED AT THE SAME TIME AS THE CURB, THE JOINT BETWEEN THEM SHALL BE A TROWELED JOINT WITH A MINIMUM 1/2" RADIUS.
- SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES IF MOUNTABLE CURB IS USED OR IF SIDEWALK IS INTENDED AS PORTION OF DRIVEWAY. OTHERWISE SIDEWALK SHALL HAVE A MINIMUM THICKNESS OF 4 INCHES.
- DRAIN BLOCKOUTS IN CURBS SHALL BE EXTENDED TO BACK OF SIDEWALK WITH 3" DIA. PVC PIPE AT 2% SLOPE. CONTRACTION JOINT TO BE PLACED OVER

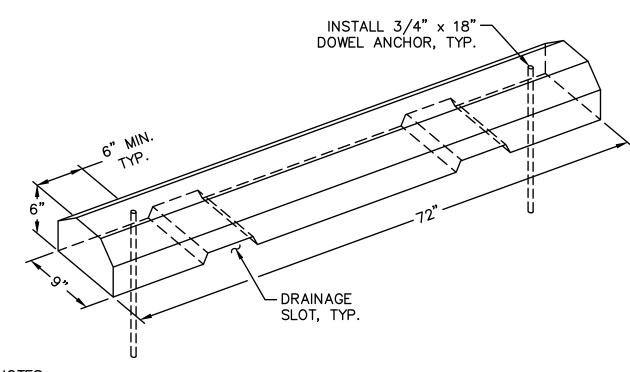
### **CONCRETE SIDEWALK** 2

SCALE: NTS



PROVIDE RAMP TEXTURING WITH AN EXPANDED METAL GRATE PLACED ON AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN. EACH DIAMOND SHALL BE 11/4" LONG BY 1/2" WIDE WITH THE LONG SECTION AXIS ORIENTED PERPENDICULAR TO THE CURB. THE GROOVES SHALL BE 1/8" DEEP BY 1/4" WIDE.

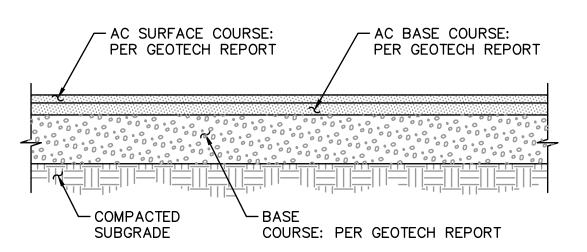
#### **CURB RAMP - TYPE 1** 6 SCALE: NTS



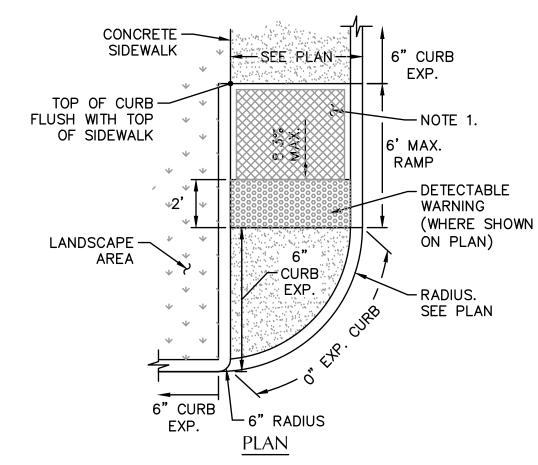
DIMENSIONS ARE NOMINAL AND MAY VARY TO CONFORM TO MANUFACTURER'S PRODUCTS APPROVED BY ENGINEER.

# PRECAST CONCRETE WHEEL STOP

SCALE: NTS

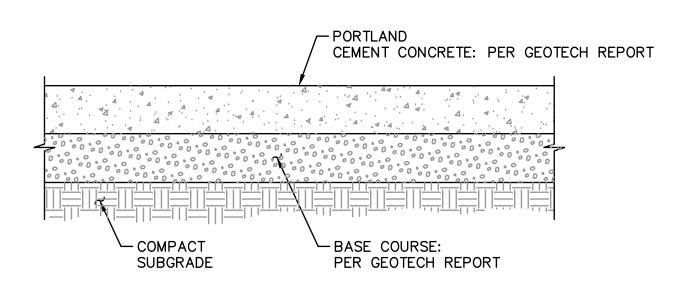


# **ASPHALT PAVEMENT SECTION**



. PROVIDE RAMP TEXTURING WITH AN EXPANDED METAL GRATE PLACED ON AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN. EACH DIAMOND SHALL BE 11/4" LONG BY 1/2" WIDE WITH THE LONG SECTION AXIS ORIENTED PERPENDICULAR TO THE CURB. THE GROOVES SHALL BE 1/8" DEEP BY 1/4" WIDE.

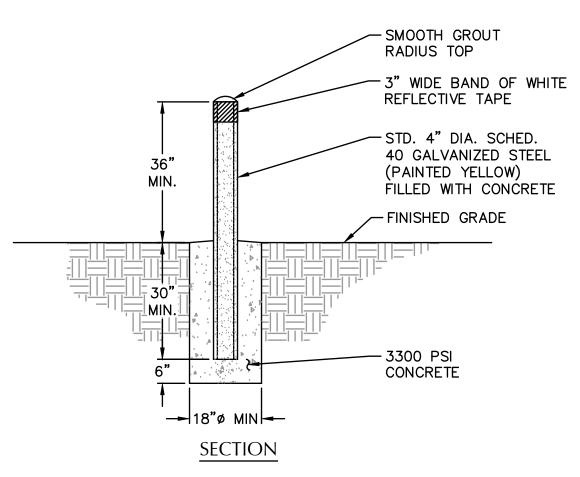
## CURB RAMP - TYPE 2



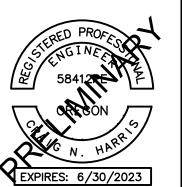
1. - CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS. - CONSTRUCT EXPANSION JOINTS AT 200' MAX. SPACING AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY.

2. PROVIDE MEDIUM TO COARSE BROOM FINISH.

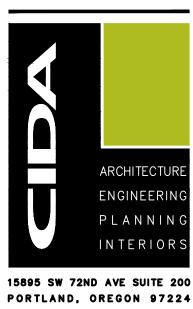
### CONCRETE PAVEMENT SECTION SCALE: NTS



## PIPE BOLLARD (4" DIA)



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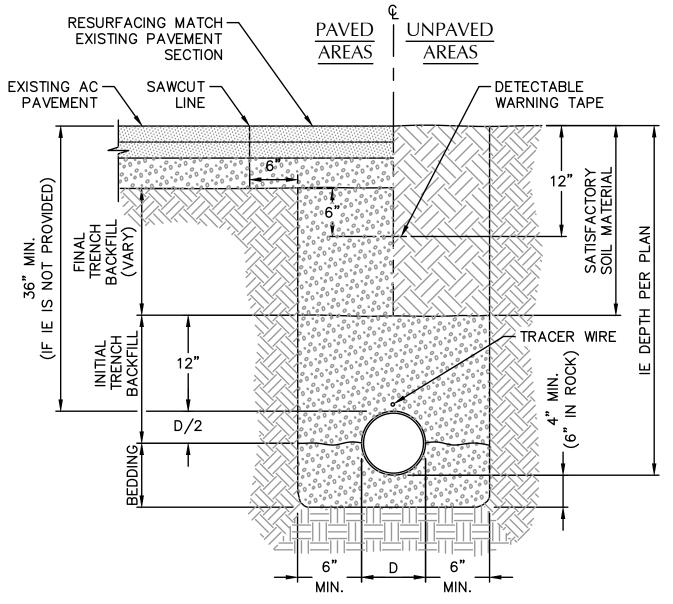
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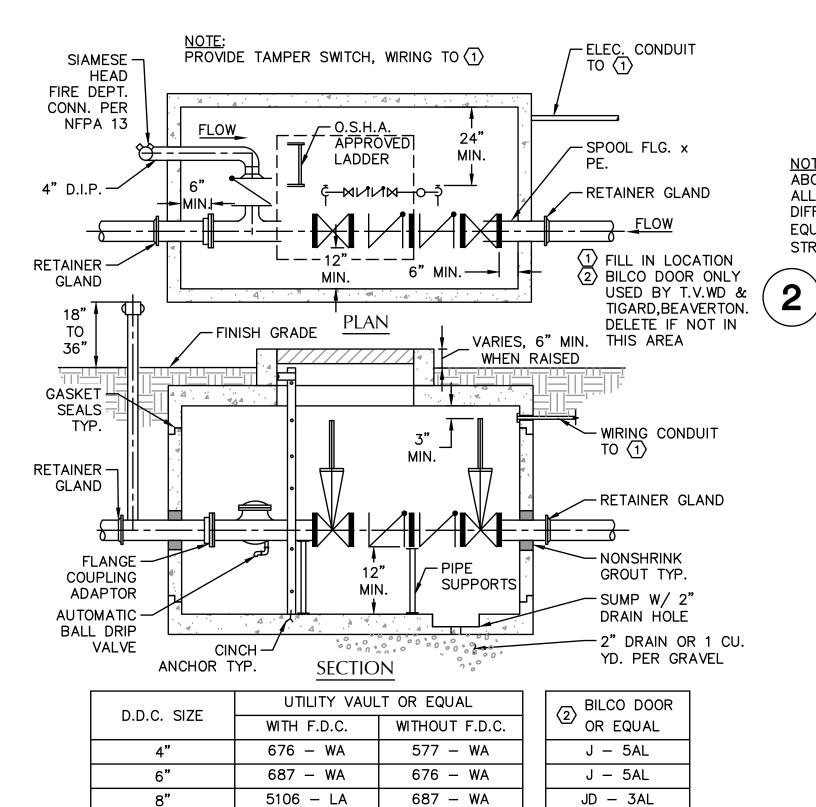
**DETAILS** 

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C4.0 JOB NO. 210146.01



# TYPICAL PIPE BEDDING AND BACKFILL

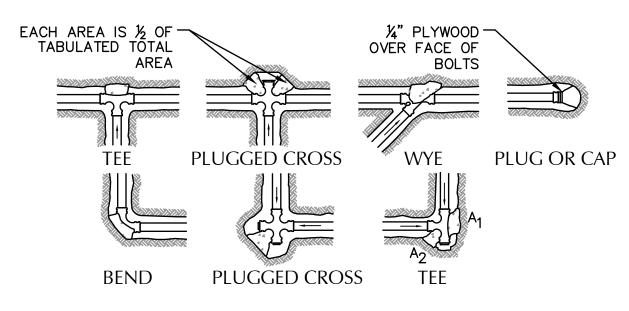


DOUBLE CHECK DETECTOR ASSEMBLY FIRE SERVICE VAULT W/ DRAIN TO GROUND

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- 1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
- 2. KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
- THE REQUIRED THRUST BEARING AREAS FOR SPECIAL CONNECTIONS ARE SHOWN ENCIRCLED ON THE PLAN; e.g. (5) INDICATES 15 SQUARE FEET BEARING AREA REQUIRED.
- 4. IF NOT SHOWN ON PLANS REQUIRED BEARING AREAS AT FITTING SHALL BE AS INDICATED BELOW, ADJUST IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS (ES) STATED IN THE SPECIAL SPÉCIFICATIONS.
- 5. BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN ON THIS STANDARD DETAIL.

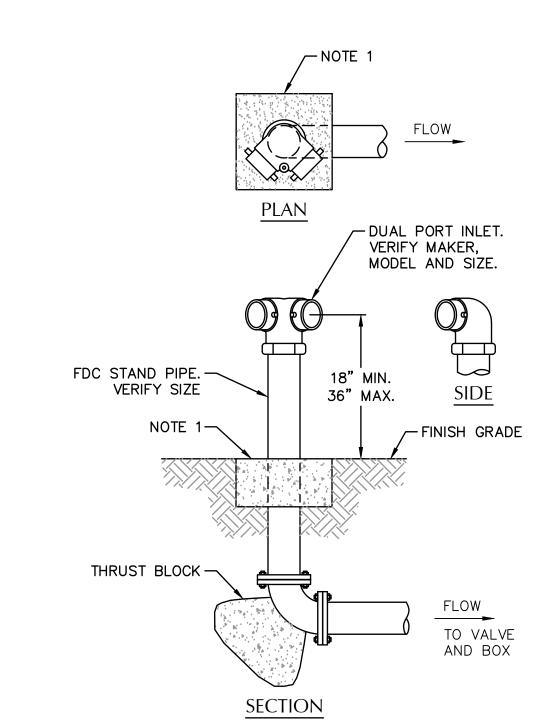
BEARING AREA OF THRUST BLOCK IN SQUARE FOOT

|                 |                                 |                                 | PLU  | EE<br>GGED<br>RUN |             |              |              |
|-----------------|---------------------------------|---------------------------------|------|-------------------|-------------|--------------|--------------|
| FITTING<br>SIZE | TEE,<br>WYE,<br>PLUG,<br>OR CAP | 90°<br>BEND<br>PLUGGED<br>CROSS | A1   | A2                | 45°<br>BEND | 22½°<br>BEND | 11¼°<br>BEND |
| 4               | 1.0                             | 1.4                             | 1.9  | 1.4               | 1.0         |              |              |
| 6               | 2.1                             | 3.0                             | 4.3  | 3.0               | 1.6         | 1.0          |              |
| 8               | 3.8                             | 5.3                             | 7.6  | 5.4               | 2.9         | 1.5          | 1.0          |
| 10              | 5.9                             | 8.4                             | 11.8 | 8.4               | 4.6         | 2.4          | 1.2          |

ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 p.s.i. AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 p.s.i.. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURE AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION: BEARING AREA = (TEST PRESSURE/150)X(2000/ SOIL BEARING STRESS)X(TABLE VALUE).

### THRUST BLOCK

SCALE: NTS

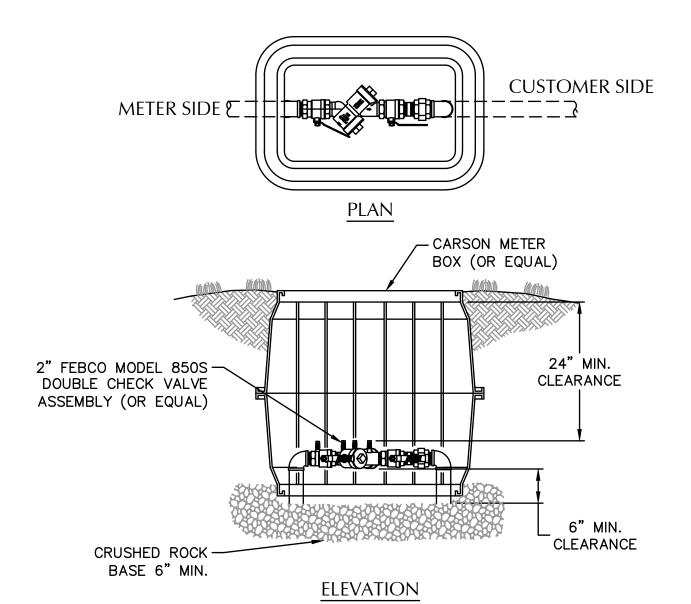


1. CONCRETE ANCHOR PAD TO BE 12"x12"x6" THICK, UNLESS NOTED OTHERWISE. ELIMINATE IF INSTALLED IN CONCRETE PAVED AREA.

- 2. USE FLANGE OR THREADED FITTINGS.
- 3. CONTRACTOR SHALL PROVIDE SINGLE CHECK VALVE AND BALL DRIP VALVE IN ACCESSIBLE LOCATION INSIDE DDCV VAULT. COORDINATE WITH PLUMBING.

### FIRE DEPARTMENT CONNECTION (FDC) **DUAL PORT**

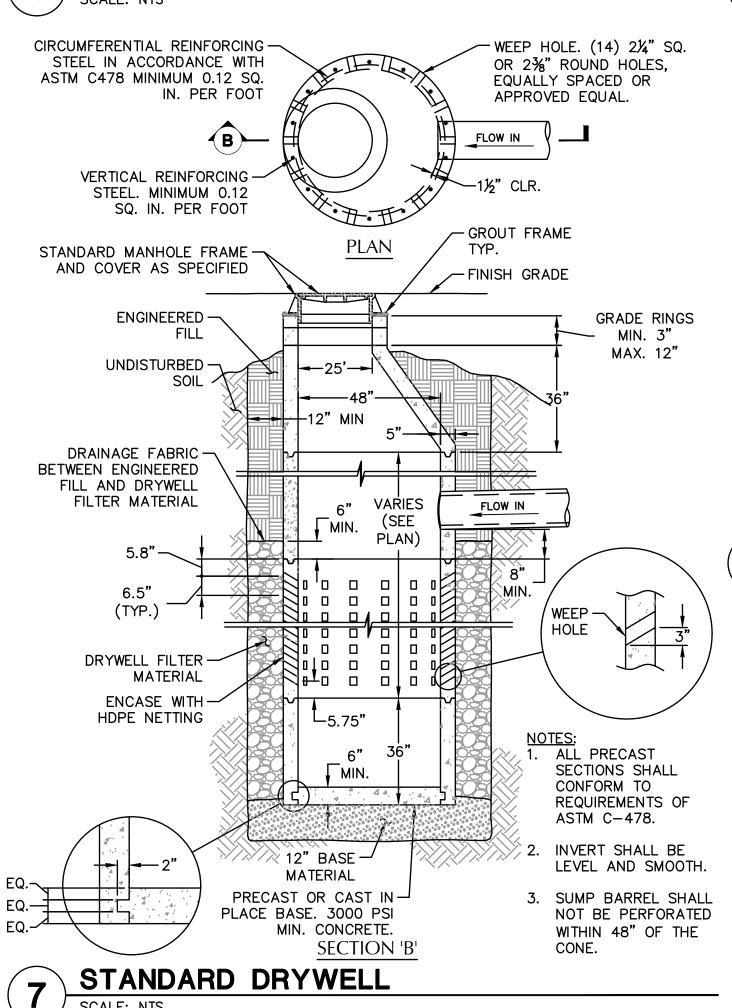
SCALE: NTS



INSTALLATION SHOWN IS ONLY A SUGGESTION. THE DISTANCE FROM BOTTOM OF DEVICE TO FINISH GRADE, FREEZE PROTECTION, AND CLEARANCE FOR TESTING & REPAIR ARE THE MAJOR CONSIDERATIONS FOR INSTALLATION. PLUGS TO BE INSTALLED IN TEST COCKS OF BELOW GROUND INSTALLATIONS (NO DISSIMILAR METALS). IF FREEZE PROTECTION IS PROVIDED, THE 24" MIN CLEARANCE MAY BE REDUCED.

## DOUBLE CHECK BACKFLOW ASSEMBLY

SCALE: NTS



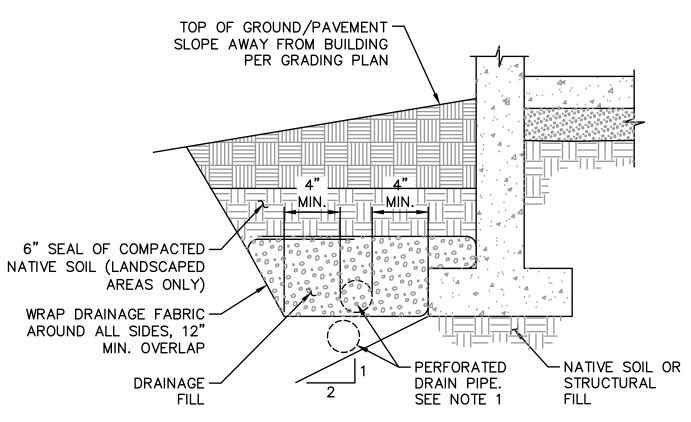
HEAVY DUTY 28" MIN SQ. TRAFFIC GRATE. RIM=PER PLAN - PAVEMENT GREASE TRAP W/ - PIPE SIZE HINGED LI PER PLAN 24" SQUARE ENGINEERED FILL SECTION

CONTRACTOR TO WIDEN EXCAVATION AS REQUIRED TO OBTAIN COMPACTION WITH CONTRACTORS COMPACTION EQUIPMENT.

2. 1/4" STEEL PLATE, BITUMINOUS COATED. AS MANUFACTURED BY GIBSON STEEL BASINS OR APPROVED EQUAL.

## TRAPPED CATCH BASIN

SCALE: NTS

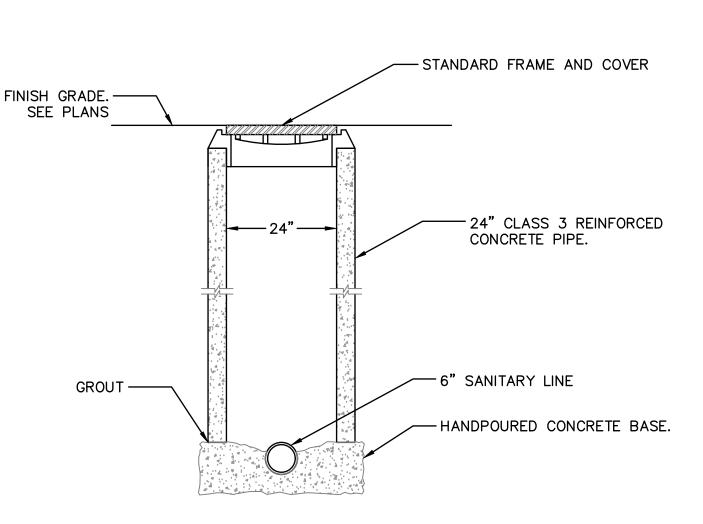


1. LAY PERFORATED DRAIN PIPE ON MIN. 0.5% GRADIENT, WIDENING EXCAVATION AS REQUIRED. MAINTAIN PIPE ABOVE 2:1 SLOPE AS SHOWN.

2. CONNECT TO FOUNDATION DRAIN STUBOUT SHOWN ON PLANS.

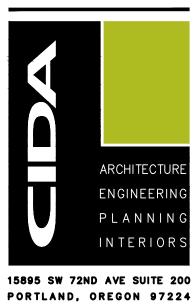
# PERIMETER FOUNDATION DRAIN

SCALE: NTS



SANITARY WASTE SAMPLING PORT

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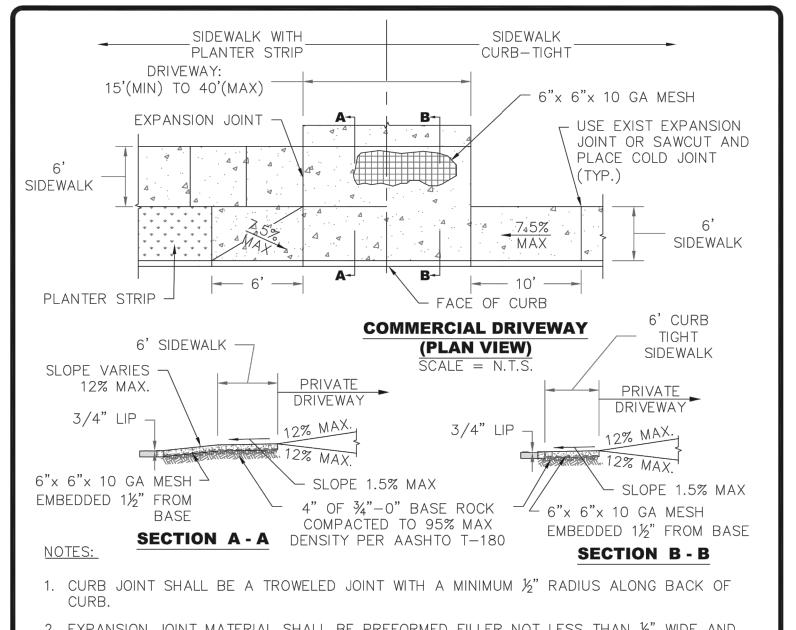
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**DETAILS** 

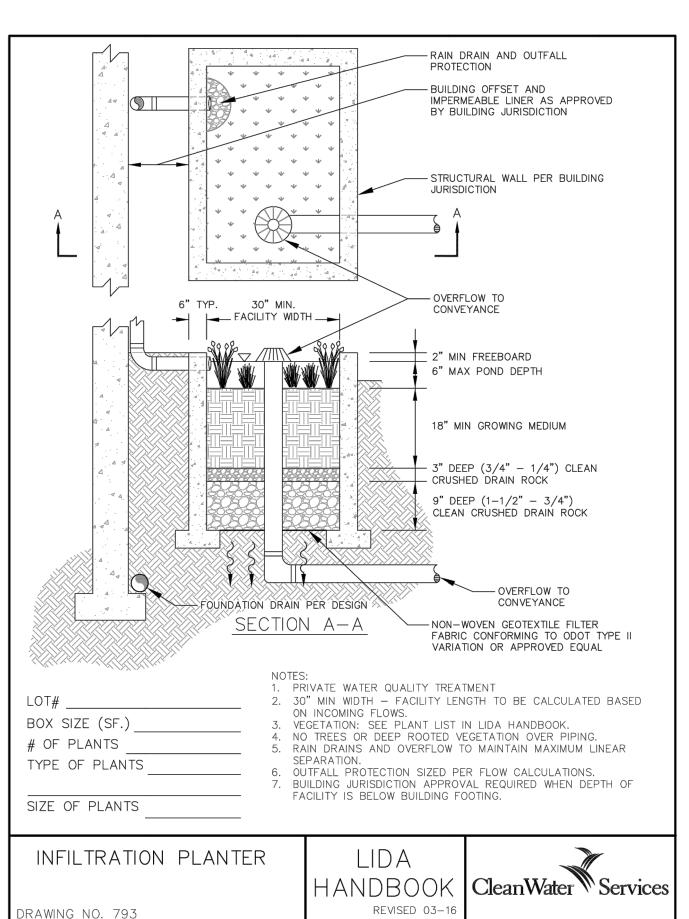
C4.1 JOB NO. 210146.01



- 2. EXPANSION JOINT MATERIAL SHALL BE PREFORMED FILLER NOT LESS THAN ½" WIDE AND SHALL MEET ALL REQUIREMENTS FROM ODOT SECTION 00759.
- 3. CONCRETE SHALL HAVE A BROOM FINISH AND EDGE ALL JOINTS.
- 4. IF DURING CURB REMOVAL THE GUTTER BECOMES SEPERATED FROM THE STREET SURFACE IN EXCESS OF 1/6", THEN THE GUTTER SHALL ALSO BE REMOVED AND REPLACED.
- 5. SLOPE OF THE DRIVEWAY MAY BE AWAY FROM THE CURB WHEN PRE-APPROVED BY THE CITY ENGINEER.
- 6. EDGE OF DRIVEWAY WINGS MUST BE A MINIMUM OF 10' FROM ANY FIRE HYDRANTS.
- 7. 6" COMMERCIAL CONCRETE MIX W/ 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI. SHALL MEET REQUIREMENTS FROM ODOT SECTION 00440.
- 8. USE NOTE 4 FROM DETAIL 105.

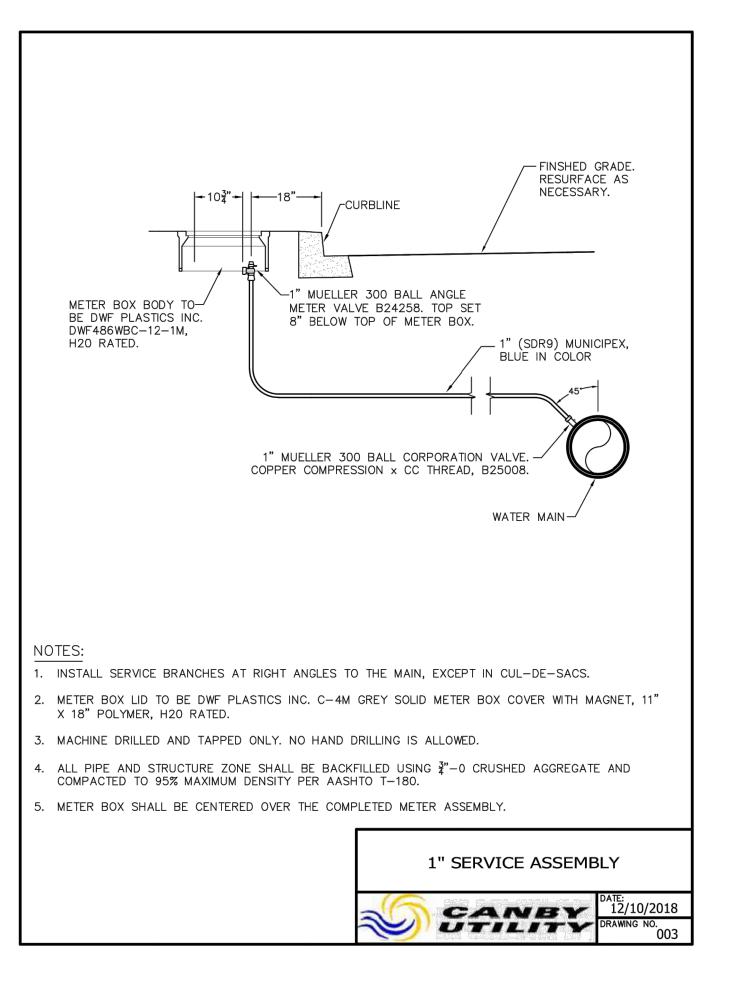
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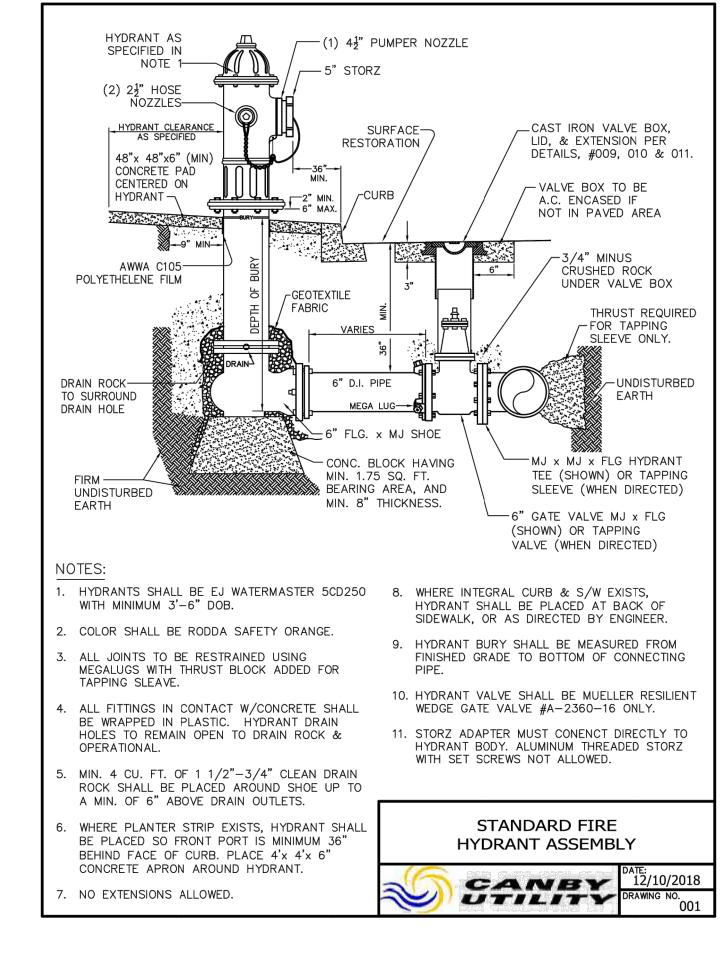


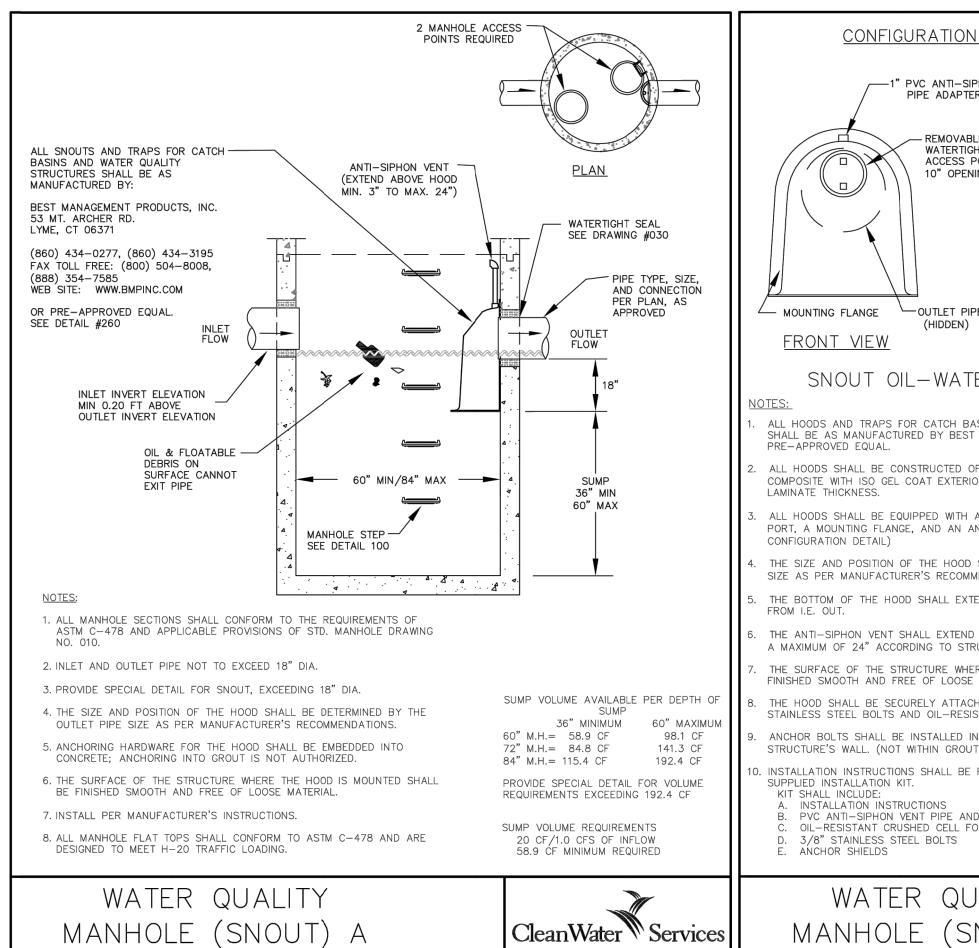


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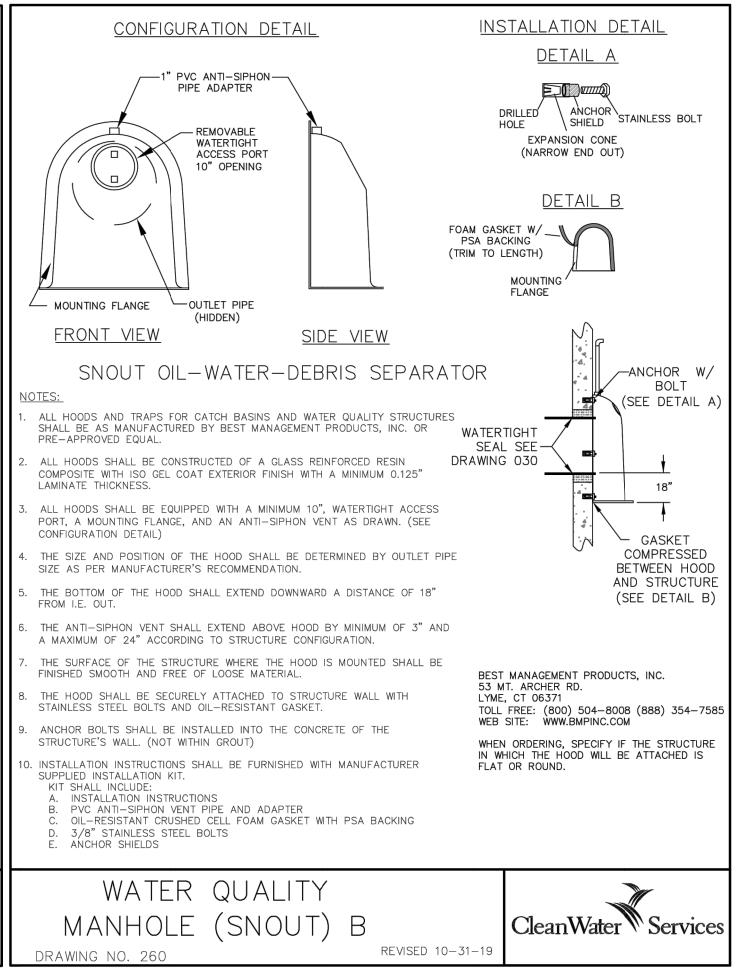
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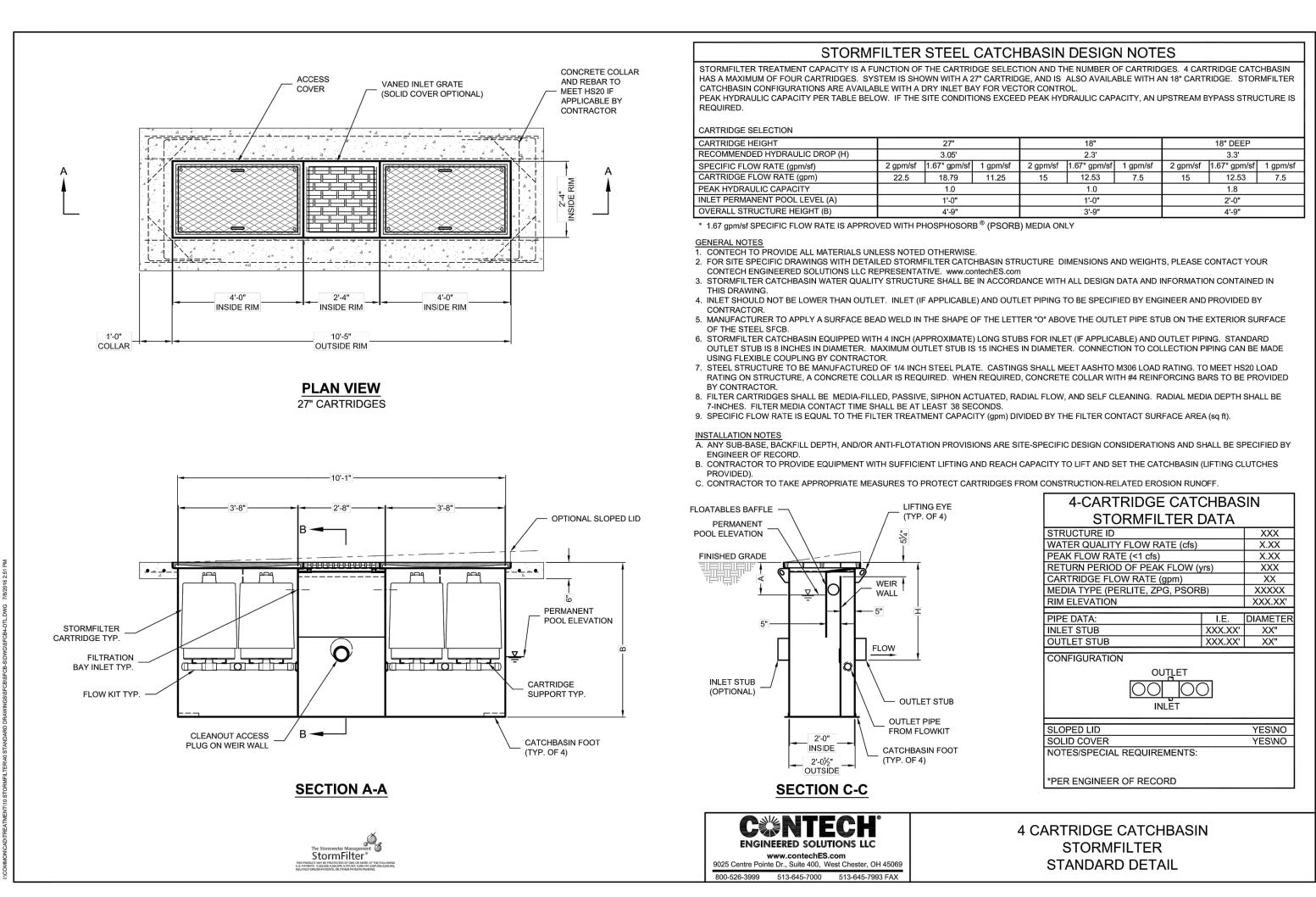


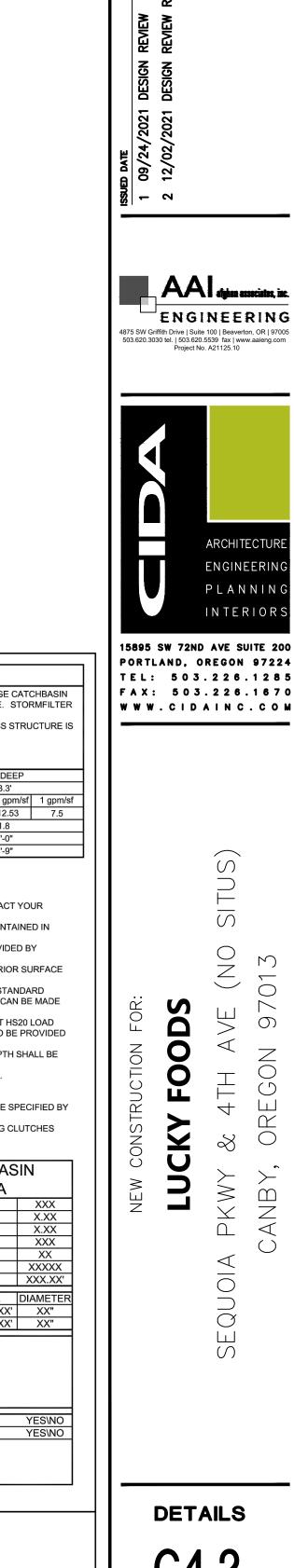


REVISED 10-31-19



CleanWater Services





12/02/2021 - DESIGN REVIEW ©

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