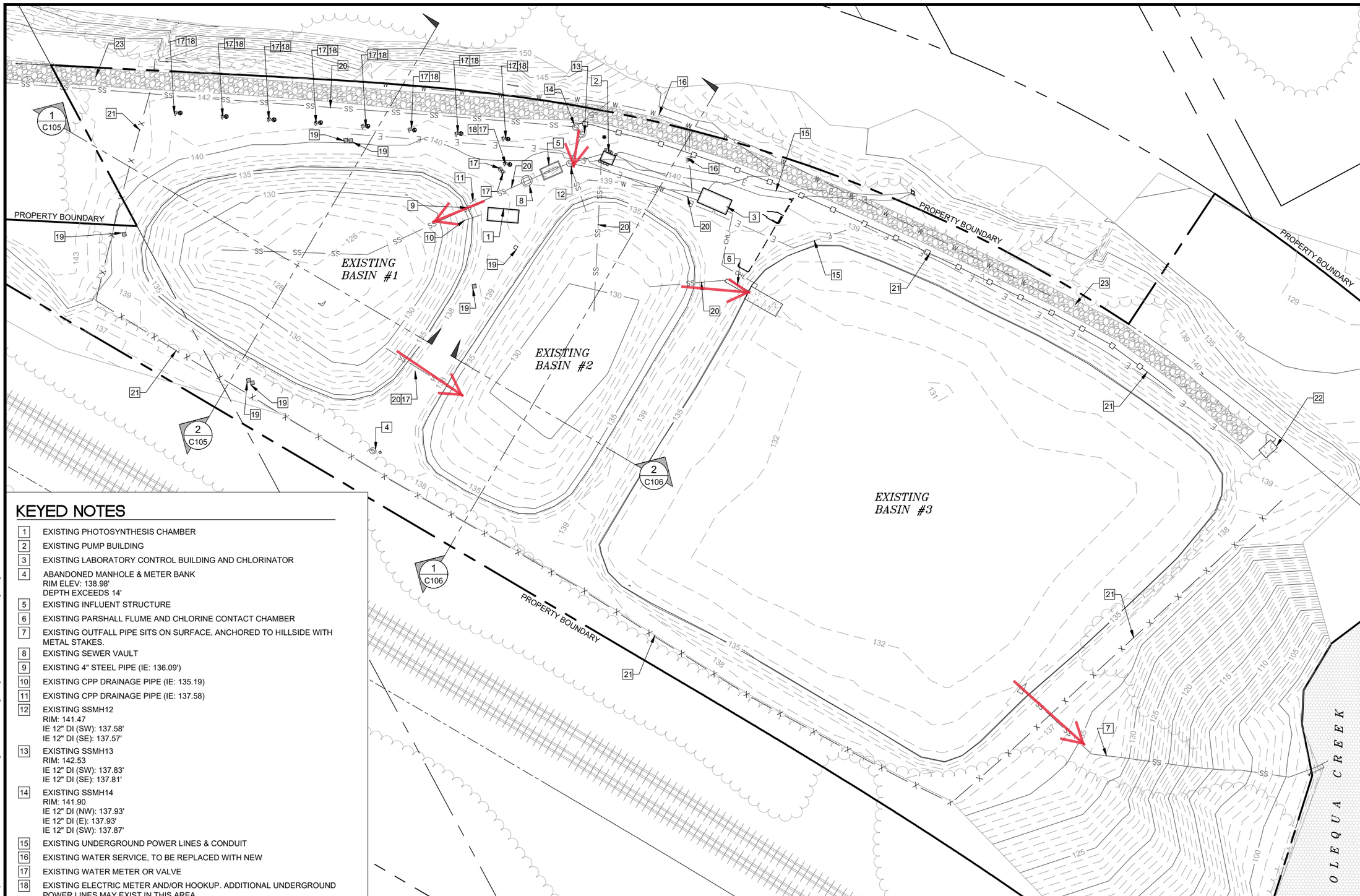

KEYED NOTES

1. EXISTING PHOTOSYNTHESIS CHAMBER
2. EXISTING PUMP BUILDING
3. EXISTING LABORATORY CONTROL BUILDING AND CHLORINATOR
4. ABANDONED MANHOLE & METER BANK
   RIM ELEV: 138.98'
   DEPTH EXCEEDS 14'
5. EXISTING INFLUENT STRUCTURE
6. EXISTING PARSHALL FLUME AND CHLORINE CONTACT CHAMBER
7. EXISTING OUTFALL PIPE SITS ON SURFACE, ANCHORED TO HILLSIDE WITH METAL STAKES.
8. EXISTING SEWER VAULT
9. EXISTING 4" STEEL PIPE (IE: 136.09')
10. EXISTING CPP DRAINAGE PIPE (IE: 135.19)
11. EXISTING CPP DRAINAGE PIPE (IE: 137.58)
12. EXISTING SSMH12
    RIM: 141.47
    IE 12" DI (SW): 137.58'
    IE 12" DI (SE): 137.57'
13. EXISTING SSMH13
    RIM: 142.53
    IE 12" DI (SW): 137.83'
    IE 12" DI (SE): 137.81'
14. EXISTING SSMH14
    RIM: 141.90
    IE 12" DI (NW): 137.93'
    IE 12" DI (E): 137.93'
    IE 12" DI (SW): 137.87'
15. EXISTING UNDERGROUND POWER LINES & CONDUIT
16. EXISTING WATER SERVICE, TO BE REPLACED WITH NEW
17. EXISTING WATER METER OR VALVE
18. EXISTING ELECTRIC METER AND/OR HOOKUP. ADDITIONAL UNDERGROUND POWER LINES MAY EXIST IN THIS AREA.
19. EXISTING CONCRETE PILLAR, OR CMU MOORING POST
20. EXISTING UNDERGROUND SANITARY SEWER PIPING
21. EXISTING FENCE
22. EXISTING CONCRETE PAD
23. EXISTING GRAVEL ROAD

1 / X102 EXISTING SITE PLAN - OVERVIEW
SCALE: 1" = 60'

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REV.	DATE	DESCRIPTION	BY

Designed By: ADM
Drawn By: ALF
Checked By: MLG
Project No: 3102-003

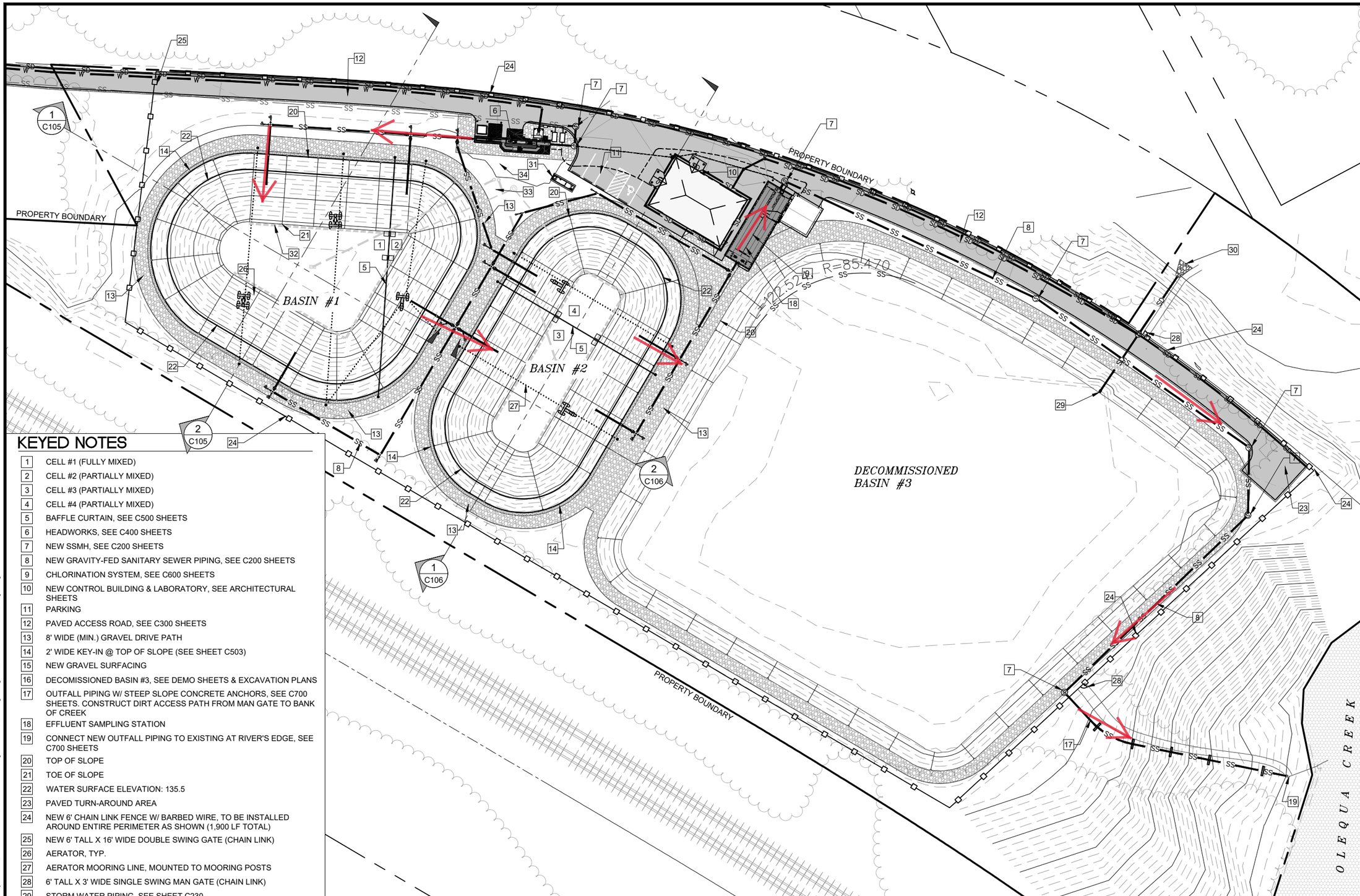
CITY OF VADER
LEWIS COUNTY, WASHINGTON

WASTEWATER TREATMENT PLANT

EXISTING SITE PLAN - OVERVIEW

Sheet No. X102
Date JANUARY 2021

DATE:1/8/21 FILE:O:\CW_Projects\3102 Vader WA\3102-003 WWTP Design Services\Drawings\Dwg\3102-003 Demo & Site Design.dwg



KEYED NOTES

1. CELL #1 (FULLY MIXED)
2. CELL #2 (PARTIALLY MIXED)
3. CELL #3 (PARTIALLY MIXED)
4. CELL #4 (PARTIALLY MIXED)
5. BAFFLE CURTAIN, SEE C500 SHEETS
6. HEADWORKS, SEE C400 SHEETS
7. NEW SSMH, SEE C200 SHEETS
8. NEW GRAVITY-FED SANITARY SEWER PIPING, SEE C200 SHEETS
9. CHLORINATION SYSTEM, SEE C600 SHEETS
10. NEW CONTROL BUILDING & LABORATORY, SEE ARCHITECTURAL SHEETS
11. PARKING
12. PAVED ACCESS ROAD, SEE C300 SHEETS
13. 8' WIDE (MIN.) GRAVEL DRIVE PATH
14. 2' WIDE KEY-IN @ TOP OF SLOPE (SEE SHEET C503)
15. NEW GRAVEL SURFACING
16. DECOMISSIONED BASIN #3, SEE DEMO SHEETS & EXCAVATION PLANS
17. OUTFALL PIPING W/ STEEP SLOPE CONCRETE ANCHORS, SEE C700 SHEETS. CONSTRUCT DIRT ACCESS PATH FROM MAN GATE TO BANK OF CREEK
18. EFFLUENT SAMPLING STATION
19. CONNECT NEW OUTFALL PIPING TO EXISTING AT RIVER'S EDGE, SEE C700 SHEETS
20. TOP OF SLOPE
21. TOE OF SLOPE
22. WATER SURFACE ELEVATION: 135.5
23. PAVED TURN-AROUND AREA
24. NEW 6' CHAIN LINK FENCE W/ BARBED WIRE, TO BE INSTALLED AROUND ENTIRE PERIMETER AS SHOWN (1,900 LF TOTAL)
25. NEW 6' TALL X 16' WIDE DOUBLE SWING GATE (CHAIN LINK)
26. AERATOR, TYP.
27. AERATOR MOORING LINE, MOUNTED TO MOORING POSTS
28. 6' TALL X 3' WIDE SINGLE SWING MAN GATE (CHAIN LINK)
29. STORM WATER PIPING, SEE SHEET C230
30. STORM WATER OUTFALL, SEE SHEET C231
31. EMERGENCY GENERATOR, SEE ELECTRICAL
32. UNDERDRAIN SYSTEM, SEE SHEET C502
33. LEAK DETECTION SYSTEM, SEE SHEET C502
34. UNDERDRAIN MANHOLE, SEE SHEET C502

1 C101

IMPROVEMENTS PLAN - OVERVIEW

SCALE: 1" = 60'

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CITY OF VADER
LEWIS COUNTY, WASHINGTON

WASTEWATER TREATMENT PLANT

SITE IMPROVEMENTS - OVERVIEW

Sheet No. C101

Date JANUARY 2021

DATE:1/8/21 FILE:O:\CW_Projects\3102 Vader WA\3102-003 WWTP Design Services\Drawings\Dwg\3102-003 Demo & Site Design.dwg