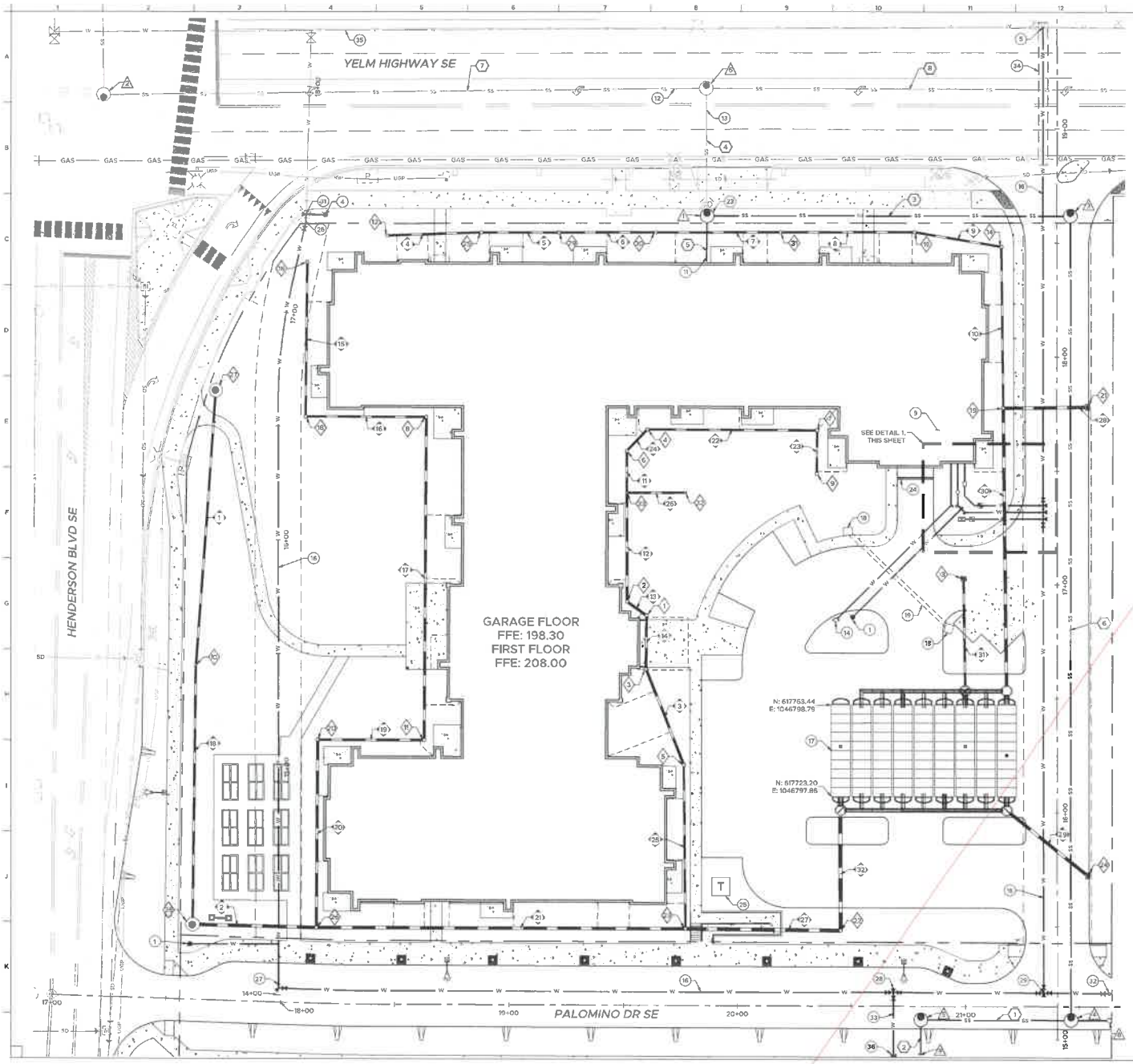


KEY NOTES

1. PROPOSED FIRE HYDRANT ASSEMBLY PER DETAIL 8/C-4.1
2. IRRIGATION BACKFLOW PREVENTOR
3. IRRIGATION METER
4. NEW MAIN CONNECTION AT EXISTING FIRE LEAD. RELOCATE HYDRANT AS SHOWN.
5. CONNECT TO EXISTING WATER MAIN PER DETAIL 6/C-4.1
6. 1" IRRIGATION SERVICE
7. 6" HDPE FIRE SERVICE
8. 3" DOMESTIC WATER SERVICE
9. FIRE DDCVA IN MECHANICAL ROOM
10. DOMESTIC WATER RPBA
11. 6" BUILDING SEWER IE: 188.77
12. EXISTING 18" SANITARY SEWER MAIN
13. EXISTING 8" SEWER LATERAL AT 0.004 FT/FT
14. FIRE DEPARTMENT CONNECTION
15. 3" DOMESTIC WATER METER PER DETAIL 6/C-3.2
16. 8" HDPE WATER MAIN
17. STORM TECH MC4500 INFILTRATION GALLERY PER C-4.4 AND C-4.5
18. TEMPORARY LOCKING HANDHOLE
19. (2) 4" SCH 40 PVC CONDUITS WITH PULL CORD. TERMINATE AT HAND HOLES.
20. GATE VALVE PER DETAIL 1/C-4.1. MATCH PIPE SIZE. (TYP)
21. 4" HDPE FDC LEAD
22. 8" DI HYDRANT LEAD PER DETAIL 8/C-4.1
23. CONNECT EXISTING 8" SEWER LATERAL TO PROPOSED TYPE 1 MH
24. 6" TRENCH DRAIN WITH TRAFFIC AND PEDESTRIAN RATED GRATE. CONNECT DRAIN TO STORMWATER SUMP PUMP INSIDE BUILDING PER MECHANICAL PLAN
25. PROPOSED TRANSFORMER AND VAULT
26. 11.25° MJ BEND, THRUST BLOCK, AND GATE VALVE
27. 8"x8" 90° MJ BEND, THRUST BLOCK, AND GATE VALVE
28. 8"x8"x8" MJ TEE WITH THRUST BLOCK AND (3) GATE VALVES
29. 8"x8" 90° MJ BEND, THRUST BLOCK, AND (2) GATE VALVES
30. POST INDICATOR VALVE PER DETAIL 2/C-4.2
31. REMOVE HYDRANT FROM HYDRANT LEAD AND REPLACE WITH 8"X8"X6" FL TEE AND NEW HYDRANT ASSEMBLY. COORDINATE WITH WATER PURVEYOR TO DETERMINE IF EXISTING HYDRANT CAN BE REUSED.
32. 8" VALVE AND BLOWOFF PER DETAIL 6/C-4.3
33. 8" HDPE WATER LINE
34. TRENCH BACKFILL AND RESTORE PER DETAIL 5/C-4.0
35. EXISTING 12" DI WATER MAIN
36. CAP AND MARK

SURVEY DATA

THE VERTICAL DATUM FOR THE SURVEY USED IN THIS GRADING AND DRAINAGE PLAN IS NAVD88 WASHINGTON STATE PLANE NORTH ZONE, BASED ON RTK GPS OBSERVATION AND THE WASHINGTON STATE REFERENCE NETWORK.

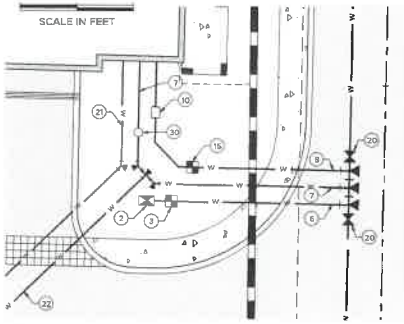
SYMBOL LEGEND

- SANITARY SEWER PIPE PER TABLE ON SHEET C-3.1
- SANITARY SEWER STRUCTURE PER TABLE ON SHEET C-3.1
- STORM DRAIN STRUCTURE PER TABLE ON SHEET C-3.1
- STORM DRAIN PIPE PER TABLE ON SHEET C-3.1

PIPE NOTES

1. REFER TO THE EDDS FOR SEWER AND WATER MAIN PIPE AND APPURTENANCE REQUIREMENTS
2. ALL STORMWATER PIPE SHALL BE ADS N-12 HDPE PIPE
3. REFER TO DETAIL SHEETS FOR APPLICABLE UTILITY DETAILS
4. SEE SHEET C-3.2 FOR UTILITY PROFILES
5. ALL VALVE SIZES TO MATCH PIPE SIZES

Identify this area on ALL Plan set sheets as "SOIL AND VEGETATION PROTECTION AREA' This area shall be appropriately fence to exclude all access . The SEPA belongs to this parcel so it must be included on all plan sheets.



1 1:10 SCALE DETAIL

IRISGROUP civil engineers
360-688-1302 | 420 Golf Club Rd SE, Suite 200, Lacey, WA 98503

DATE:	REVISION:	DWN. BY:	APP'D. BY:

Know what's BELOW Call 811 before you dig.

DRAINAGE & UTILITY PLAN
VILLAGE COOPERATIVE OF SOUTH SOUND
1520 PALOMINO DR SE
OLYMPIA, WA 98501

NICHOLAS DAVID TERRELL — STATE OF WASHINGTON — 46113 — REGISTERED PROFESSIONAL ENGINEER

REVIEWED BY:	NDT
CHECKED BY:	NDT
DRAWN BY:	PCS
DATE:	03-05-2020
PROJECT NO.:	REEDO2
DWG NO.:	C-3.0
	13 OF 9

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