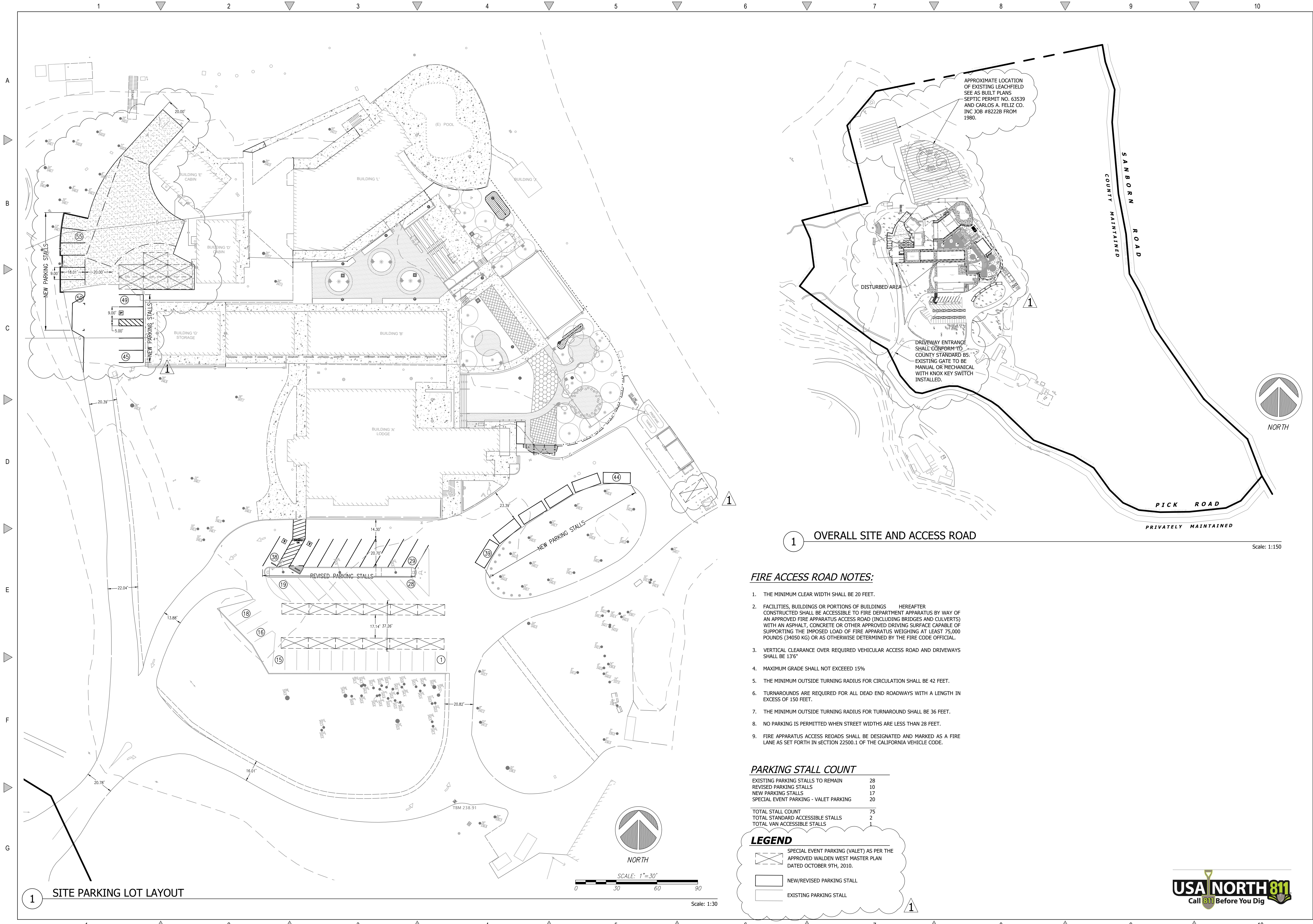




1 SITE PARKING LOT LAYOUT

1 OVERALL SITE AND ACCESS ROAD

FIRE ACCESS ROAD NOTES:

1. THE MINIMUM CLEAR WIDTH SHALL BE 20 FEET.
2. FACILITIES, BUILDINGS OR PORTIONS OF BUILDINGS HEREAFTER CONSTRUCTED SHALL BE ACCESSIBLE TO FIRE DEPARTMENT APPARATUS BY WAY OF AN APPROVED FIRE APPARATUS ACCESS ROAD (INCLUDING BRIDGES AND CULVERTS) WITH AN ASPHALT, CONCRETE OR OTHER APPROVED DRIVING SURFACE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS (34050 KG) OR AS OTHERWISE DETERMINED BY THE FIRE CODE OFFICIAL.
3. VERTICAL CLEARANCE OVER REQUIRED VEHICULAR ACCESS ROAD AND DRIVEWAYS SHALL BE 13'6"
4. MAXIMUM GRADE SHALL NOT EXCEED 15%
5. THE MINIMUM OUTSIDE TURNING RADIUS FOR CIRCULATION SHALL BE 42 FEET.
6. TURNAROUNDS ARE REQUIRED FOR ALL DEAD END ROADWAYS WITH A LENGTH IN EXCESS OF 150 FEET.
7. THE MINIMUM OUTSIDE TURNING RADIUS FOR TURNAROUND SHALL BE 36 FEET.
8. NO PARKING IS PERMITTED WHEN STREET WIDTHS ARE LESS THAN 28 FEET.
9. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNATED AND MARKED AS A FIRE LANE AS SET FORTH IN SECTION 22500.1 OF THE CALIFORNIA VEHICLE CODE.

PARKING STALL COUNT

EXISTING PARKING STALLS TO REMAIN	28
REVISED PARKING STALLS	10
NEW PARKING STALLS	17
SPECIAL EVENT PARKING - VALET PARKING	20
TOTAL STALL COUNT	75
TOTAL STANDARD ACCESSIBLE STALLS	2
TOTAL VAN ACCESSIBLE STALLS	1

LEGEND

- SPECIAL EVENT PARKING (VALET) AS PER THE APPROVED WALDEN WEST MASTER PLAN DATED OCTOBER 9TH, 2010.
- NEW/REVISED PARKING STALL
- EXISTING PARKING STALL

REVISIONS
1 SCC COMMENTS
DATED 3/8/22
LL

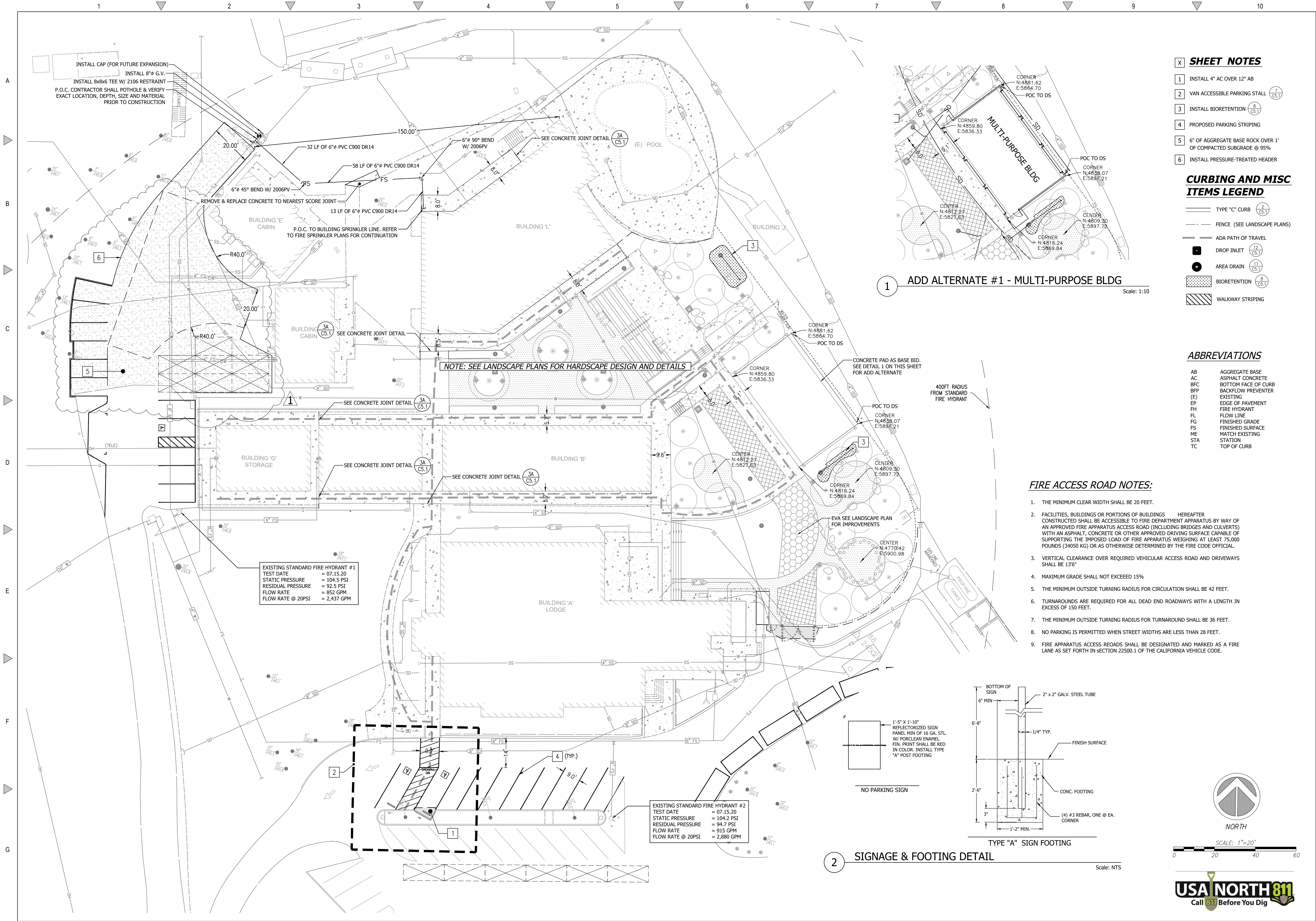
SITE IMPROVEMENT PLAN

REGISTERED PROFESSIONAL ENGINEER
TODD R. CREMER
No. C 64561
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
15555 Sanborn Road, Suite 6
Saratoga, CA 95070
T (831) 438-4420 F (831) 438-4420
By: Lauren Lingard

WALDON WEST CENTER SCIENCE
15555 SANBORN ROAD
SARATOGA, CA 95070

Date: 07/07/20
Scale: 1" = 30"
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Job: 501-00
Sheet: C2.1
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SHEET NOTES

- 1. INSTALL 4" AC OVER 12" AB
- 2. VAN ACCESSIBLE PARKING STALL
- 3. INSTALL BIORETENTION
- 4. PROPOSED PARKING STRIPING
- 5. 6" OF AGGREGATE BASE ROCK OVER 1" OF COMPACTED SUBGRADE @ 95%
- 6. INSTALL PRESSURE-TREATED HEADER

CURBING AND MISC ITEMS LEGEND

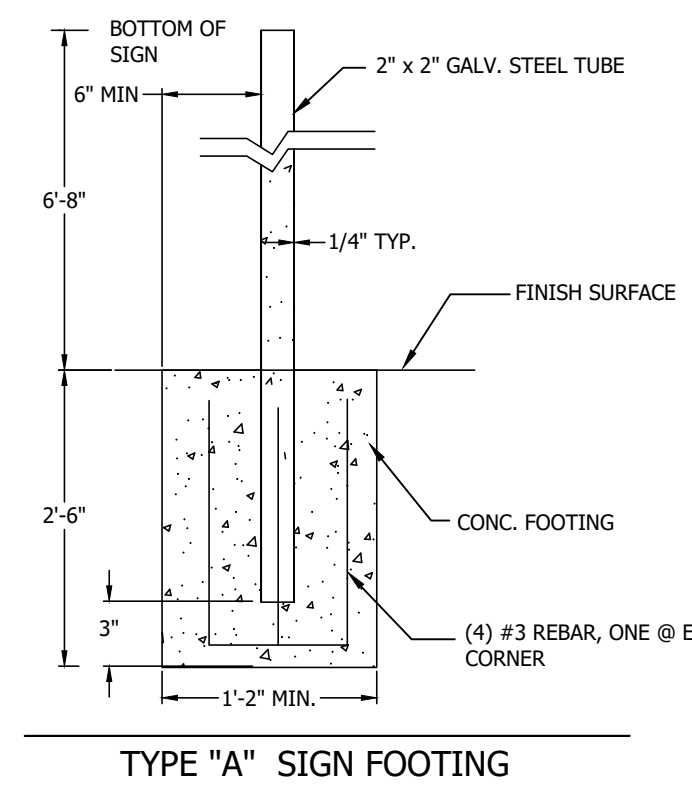
- TYPE "C" CURB
- FENCE (SEE LANDSCAPE PLANS)
- ADA PATH OF TRAVEL
- DROP INLET
- AREA DRAIN
- BIORETENTION
- WALKWAY STRIPING

ABBREVIATIONS

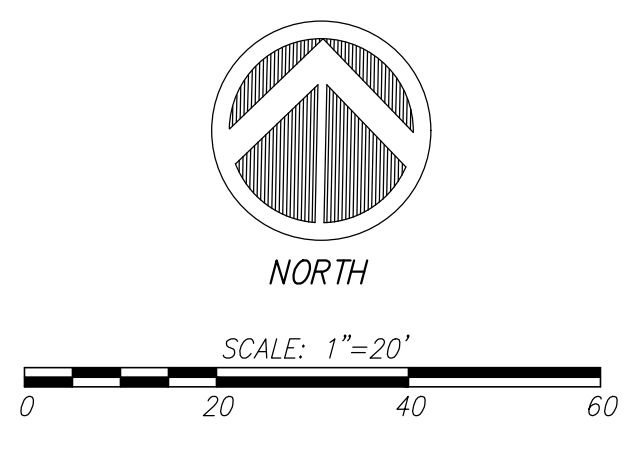
- AB AGGREGATE BASE
- AC ASPHALT CONCRETE
- B/C BOTTOM FACE OF CURB
- B/P BACKFLOW PREVENTER
- (E) EXISTING
- EP EDGE OF PAVEMENT
- FH FIRE HYDRANT
- FL FLOW LINE
- FG FINISHED GRADE
- FS FINISHED SURFACE
- ME MATCH EXISTING
- STA STATION
- TC TOP OF CURB

FIRE ACCESS ROAD NOTES:

- 1. THE MINIMUM CLEAR WIDTH SHALL BE 20 FEET.
- 2. FACILITIES, BUILDINGS OR PORTIONS OF BUILDINGS HEREFTER CONSTRUCTED SHALL BE ACCESSIBLE TO FIRE DEPARTMENT APPARATUS BY WAY OF AN APPROVED FIRE APPARATUS ACCESS ROAD (INCLUDING BRIDGES AND CULVERTS) WITH AN ASPHALT, CONCRETE OR OTHER APPROVED DRIVING SURFACE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS (34050 KG) OR AS OTHERWISE DETERMINED BY THE FIRE CODE OFFICIAL.
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- 8. NO PARKING IS PERMITTED WHEN STREET WIDTHS ARE LESS THAN 28 FEET.
- 9. FIRE APPARATUS ACCESS REOADS SHALL BE DESIGNATED AND MARKED AS A FIRE LANE AS SET FORTH IN SECTION 22500.1 OF THE CALIFORNIA VEHICLE CODE.



2. SIGNAGE & FOOTING DETAIL



REVISIONS

NO.	DATE	BY
1	3/8/22	LL

SITE IMPROVEMENT PLAN

REGISTERED PROFESSIONAL ENGINEER

TODD R. CREMER

No. C 64561

Exp. 6/30/23

CIVIL

STATE OF CALIFORNIA

WALDON WEST CENTER SCIENCE

15555 SANBORN ROAD

SARATOGA, CA 95070

Date:

07/07/20

Scale:

1" = 20"

Drawn:

DD/IH

Job:

501-00

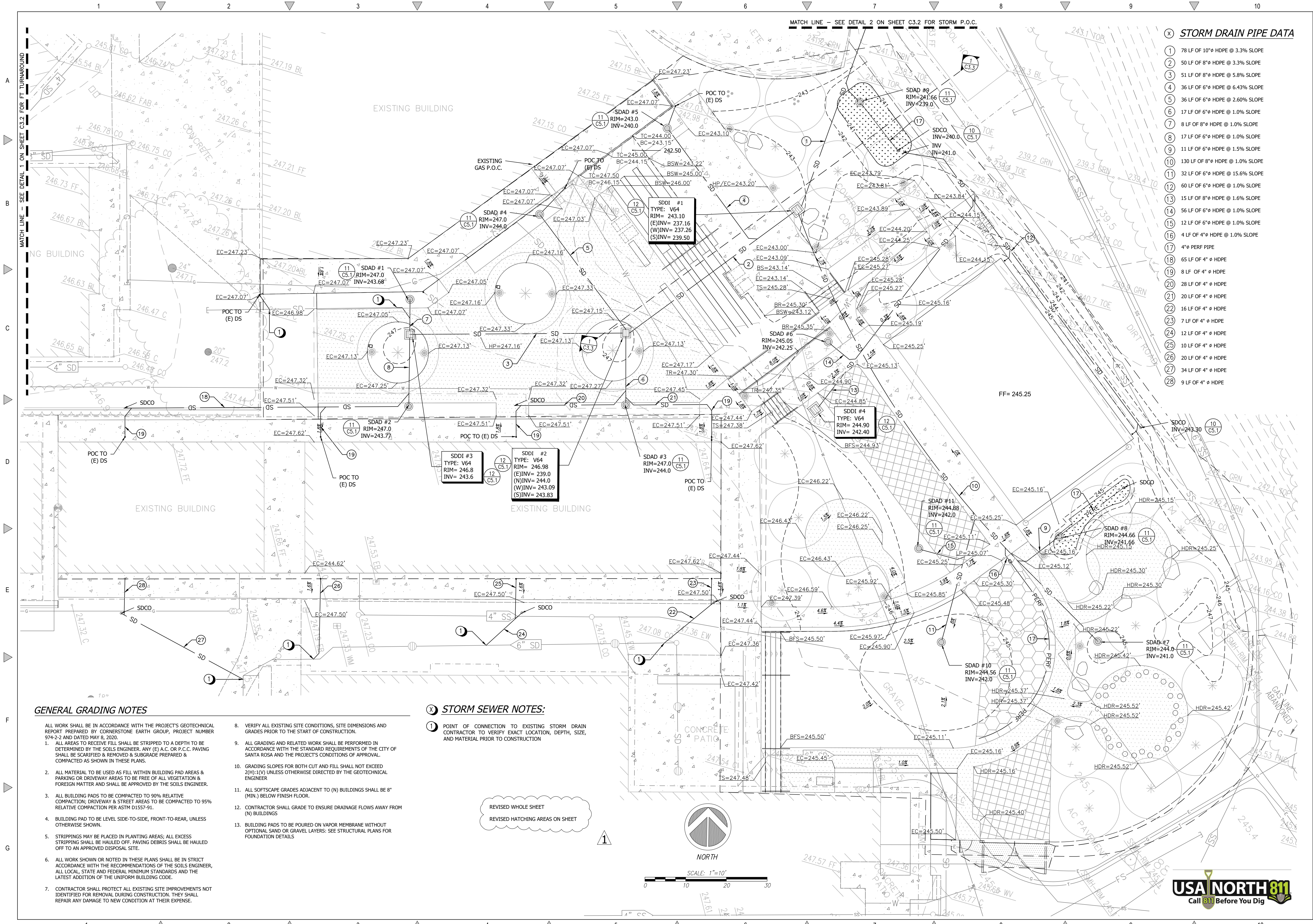
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Of

9

Sheets

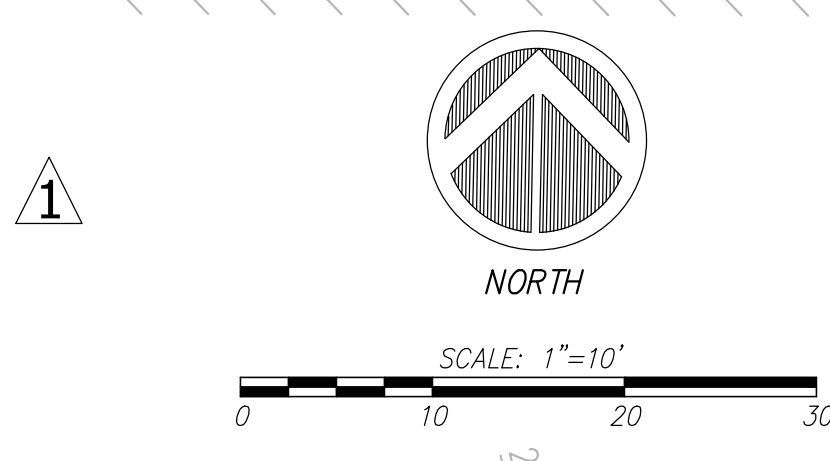


GENERAL GRADING NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE PROJECT'S GEOTECHNICAL REPORT PREPARED BY CORNERSTONE EARTH GROUP, PROJECT NUMBER 974-2-2 AND DATED MAY 8, 2020.
- ALL AREAS TO RECEIVE FILL SHALL BE STRIPPED TO A DEPTH TO BE DETERMINED BY THE SOILS ENGINEER. ANY (E) A.C. OR P.C.C. PAVING SHALL BE SCARIFIED & REMOVED & SUBGRADE PREPARED & COMPACTED AS SHOWN IN THESE PLANS.
- ALL MATERIAL TO BE USED AS FILL WITHIN BUILDING PAD AREAS & PARKING OR DRIVEWAY AREAS TO BE FREE OF ALL VEGETATION & FOREIGN MATTER AND SHALL BE APPROVED BY THE SOILS ENGINEER.
- ALL BUILDING PADS TO BE COMPACTED TO 90% RELATIVE COMPACTION; DRIVEWAY & STREET AREAS TO BE COMPACTED TO 95% RELATIVE COMPACTION PER ASTM D1557-91.
- BUILDING PAD TO BE LEVEL SIDE-TO-SIDE, FRONT-TO-REAR, UNLESS OTHERWISE SHOWN.
- STRIPPINGS MAY BE PLACED IN PLANTING AREAS; ALL EXCESS STRIPPING SHALL BE HAULED OFF. PAVING DEBRIS SHALL BE HAULED OFF TO AN APPROVED DISPOSAL SITE.
- ALL WORK SHOWN OR NOTED IN THESE PLANS SHALL BE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS ENGINEER, ALL LOCAL, STATE AND FEDERAL MINIMUM STANDARDS AND THE LATEST ADDITION OF THE UNIFORM BUILDING CODE.
- CONTRACTOR SHALL PROTECT ALL EXISTING SITE IMPROVEMENTS NOT IDENTIFIED FOR REMOVAL DURING CONSTRUCTION. THEY SHALL REPAIR ANY DAMAGE TO NEW CONDITION AT THEIR EXPENSE.
- VERIFY ALL EXISTING SITE CONDITIONS, SITE DIMENSIONS AND GRADES PRIOR TO THE START OF CONSTRUCTION.
- ALL GRADING AND RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD REQUIREMENTS OF THE CITY OF SANTA ROSA AND THE PROJECT'S CONDITIONS OF APPROVAL.
- GRADING SLOPES FOR BOTH CUT AND FILL SHALL NOT EXCEED 2(H):1(V) UNLESS OTHERWISE DIRECTED BY THE GEOTECHNICAL ENGINEER.
- ALL SOFTSCAPE GRADES ADJACENT TO (N) BUILDINGS SHALL BE 8" (MIN.) BELOW FINISH FLOOR.
- CONTRACTOR SHALL GRADE TO ENSURE DRAINAGE FLOWS AWAY FROM (N) BUILDINGS
- BUILDING PADS TO BE POURED ON VAPOR MEMBRANE WITHOUT OPTIONAL SAND OR GRAVEL LAYERS; SEE STRUCTURAL PLANS FOR FOUNDATION DETAILS

STORM SEWER NOTES:

- POINT OF CONNECTION TO EXISTING STORM DRAIN CONTRACTOR TO VERIFY EXACT LOCATION, DEPTH, SIZE, AND MATERIAL PRIOR TO CONSTRUCTION



STORM DRAIN PIPE DATA

- 78 LF OF 10" HDPE @ 3.3% SLOPE
- 50 LF OF 8" HDPE @ 3.3% SLOPE
- 51 LF OF 8" HDPE @ 5.8% SLOPE
- 36 LF OF 6" HDPE @ 6.43% SLOPE
- 36 LF OF 6" HDPE @ 2.60% SLOPE
- 17 LF OF 6" HDPE @ 1.0% SLOPE
- 8 LF OF 8" HDPE @ 1.0% SLOPE
- 17 LF OF 6" HDPE @ 1.0% SLOPE
- 11 LF OF 6" HDPE @ 1.5% SLOPE
- 130 LF OF 8" HDPE @ 1.0% SLOPE
- 32 LF OF 6" HDPE @ 15.6% SLOPE
- 60 LF OF 6" HDPE @ 1.0% SLOPE
- 15 LF OF 8" HDPE @ 1.6% SLOPE
- 56 LF OF 6" HDPE @ 1.0% SLOPE
- 12 LF OF 6" HDPE @ 1.0% SLOPE
- 4 LF OF 4" HDPE @ 1.0% SLOPE
- 4" PERF PIPE
- 65 LF OF 4" HDPE
- 8 LF OF 4" HDPE
- 28 LF OF 4" HDPE
- 20 LF OF 4" HDPE
- 16 LF OF 4" HDPE
- 7 LF OF 4" HDPE
- 12 LF OF 4" HDPE
- 10 LF OF 4" HDPE
- 20 LF OF 4" HDPE
- 34 LF OF 4" HDPE
- 9 LF OF 4" HDPE

REVISIONS		BY
1	SCC COMMENTS DATED 3/8/22	LL

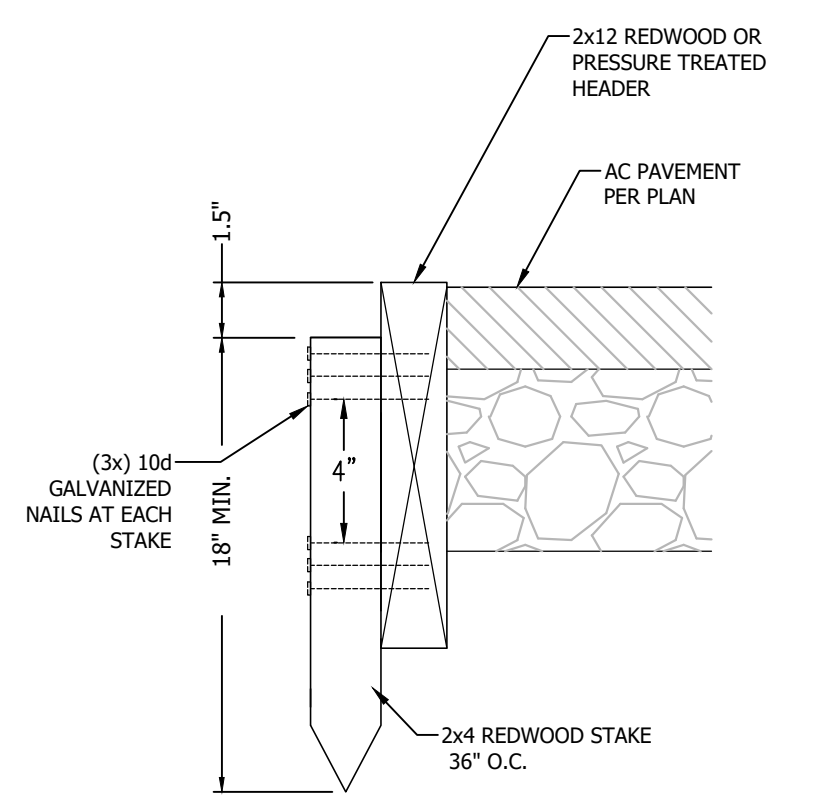
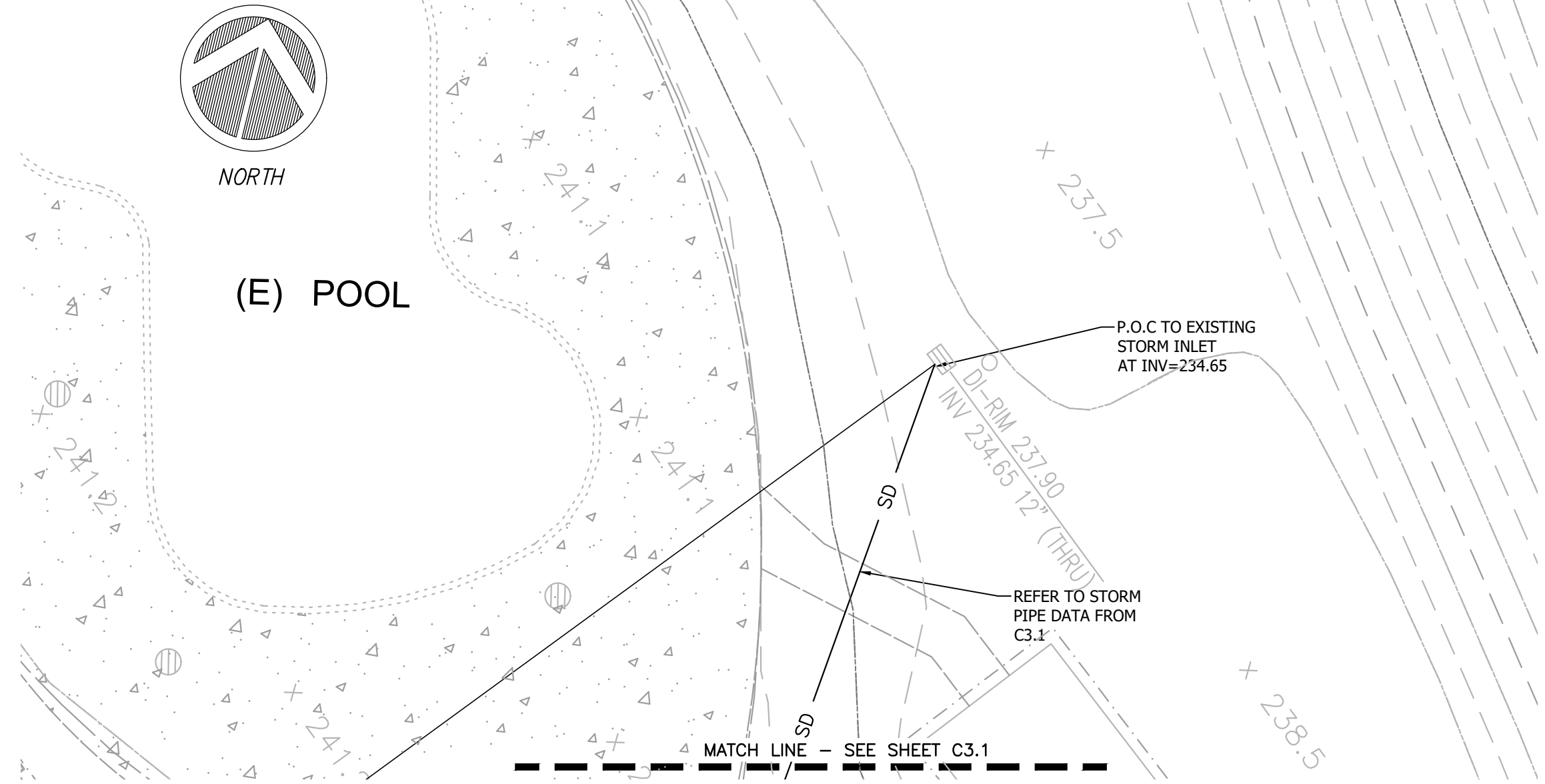
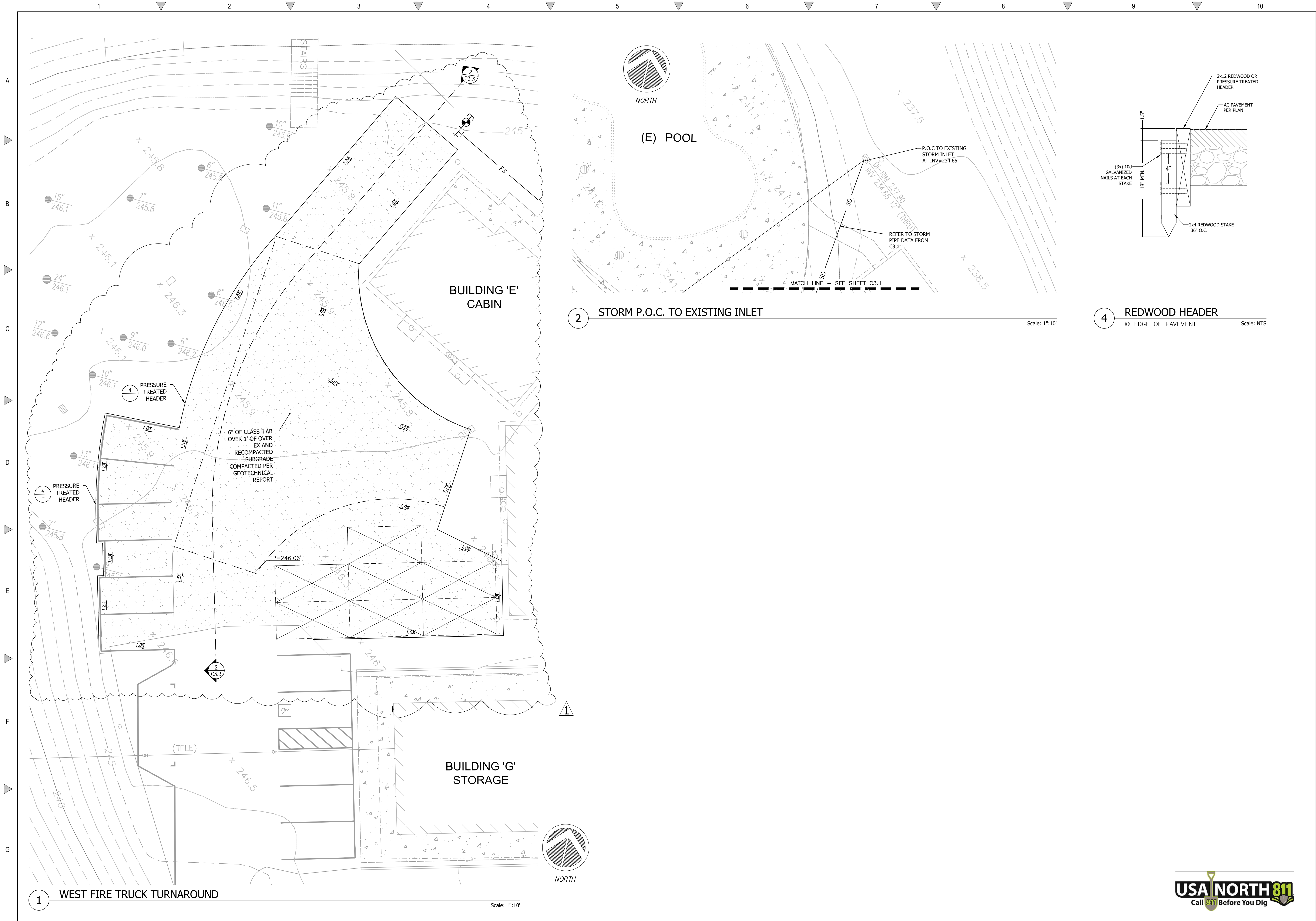
GRADING PLAN

REGISTERED PROFESSIONAL ENGINEER
TODD R. CREMER
No. C 64561
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
15555 SANBORN ROAD
SARATOGA, CA 95070
T (831) 438-4420 F (831) 438-4420
By: LaurenLundquist

WALDON WEST CENTER SCIENCE
15555 SANBORN ROAD
SARATOGA, CA 95070

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Job: 501-00
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Of 9 Sheets



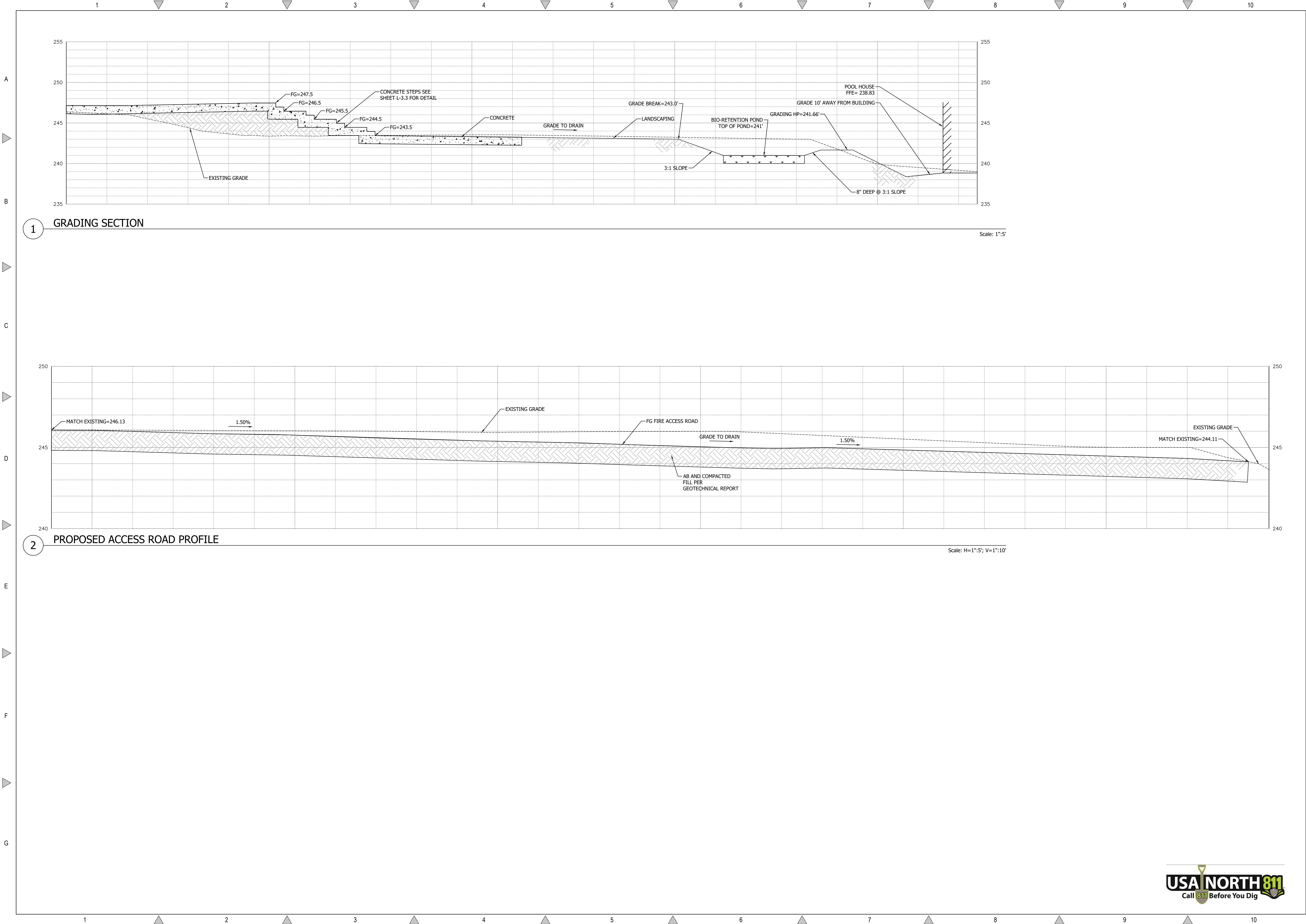
REVISIONS		BY
1	SCC COMMENTS DATED 3/8/22	LL

ENLARGED PLAN

C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
15555 SANBORN ROAD
SARATOGA, CA 95070
T (831) 438-4420 F (831) 438-4420
By: Lauren Longest

WALDON WEST CENTER SCIENCE
15555 SANBORN ROAD
SARATOGA, CA 95070

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1	LL
SCC COMMENTS DATED 3/8/22	

SECTIONS

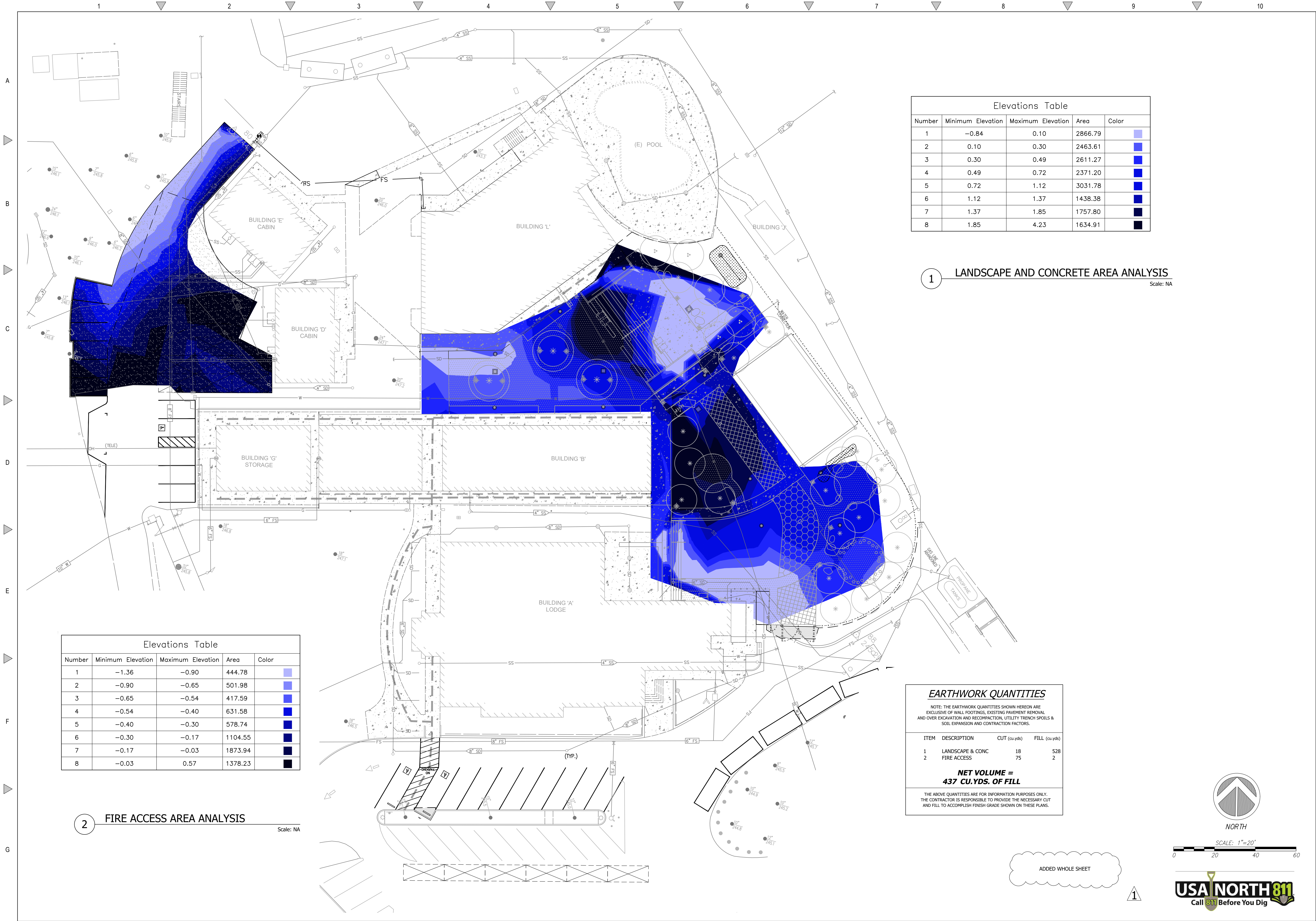
REGISTERED PROFESSIONAL ENGINEER
TODD R. CREMER
No. C 64561
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
44400 Via Verde, Suite 6
Saratoga, CA 95065
T (831) 438-4420 F (831) 438-4420
By: Lauren LaRue

WALDON WEST CENTER SCIENCE
15555 SANBORN ROAD
SARATOGA, CA 95070

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USA NORTH 811
Call 811 Before You Dig



Elevations Table				
Number	Minimum Elevation	Maximum Elevation	Area	Color
1	-0.84	0.10	2866.79	
2	0.10	0.30	2463.61	
3	0.30	0.49	2611.27	
4	0.49	0.72	2371.20	
5	0.72	1.12	3031.78	
6	1.12	1.37	1438.38	
7	1.37	1.85	1757.80	
8	1.85	4.23	1634.91	

1 LANDSCAPE AND CONCRETE AREA ANALYSIS
Scale: NA

Elevations Table				
Number	Minimum Elevation	Maximum Elevation	Area	Color
1	-1.36	-0.90	444.78	
2	-0.90	-0.65	501.98	
3	-0.65	-0.54	417.59	
4	-0.54	-0.40	631.58	
5	-0.40	-0.30	578.74	
6	-0.30	-0.17	1104.55	
7	-0.17	-0.03	1873.94	
8	-0.03	0.57	1378.23	

2 FIRE ACCESS AREA ANALYSIS
Scale: NA

EARTHWORK QUANTITIES

NOTE: THE EARTHWORK QUANTITIES SHOWN HEREON ARE EXCLUSIVE OF WALL FOOTINGS, EXISTING PAVEMENT REMOVAL AND OVER EXCAVATION AND RECOMPACTION, UTILITY TRENCH SPOILS & SOIL EXPANSION AND CONTRACTION FACTORS.

ITEM	DESCRIPTION	CUT (cu.yds)	FILL (cu.yds)
1	LANDSCAPE & CONC	18	528
2	FIRE ACCESS	75	2

NET VOLUME =
437 CU.YDS. OF FILL

THE ABOVE QUANTITIES ARE FOR INFORMATION PURPOSES ONLY.
THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE NECESSARY CUT
AND FILL TO ACCOMPLISH FINISH GRADE SHOWN ON THESE PLANS.

REVISIONS
1 SCC COMMENTS
DATED 3/8/22
LL

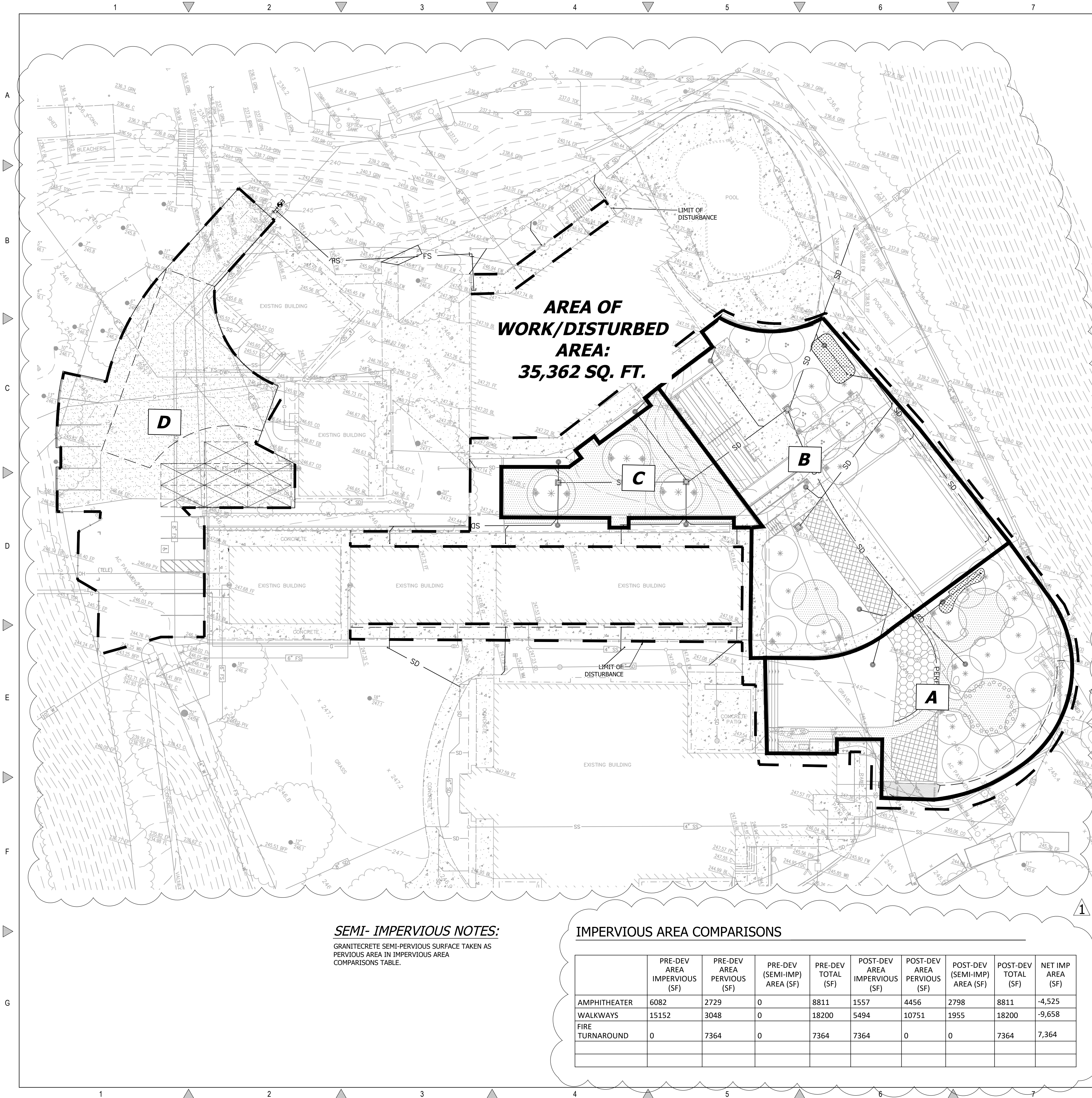
GRADING ANALYSIS PLAN

REGISTERED PROFESSIONAL ENGINEER
TODD R. CREMER
No. C 64561
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
15555 SANBORN ROAD
SARATOGA, CA 95070
T (831) 438-4420 F (831) 438-4420
Last Printed: Wed May 04, 2022 - 11:45am By: LaurenLanquist

WALDON WEST CENTER SCIENCE
15555 SANBORN ROAD
SARATOGA, CA 95070

Date: 07/07/20
Scale: 1" = 20"
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SEMI- IMPERVIOUS NOTES:
GRANITECRETE SEMI-PERVIOUS SURFACE TAKEN AS
PERVIOUS AREA IN IMPERVIOUS AREA
COMPARISONS TABLE.

IMPERVIOUS AREA COMPARISONS

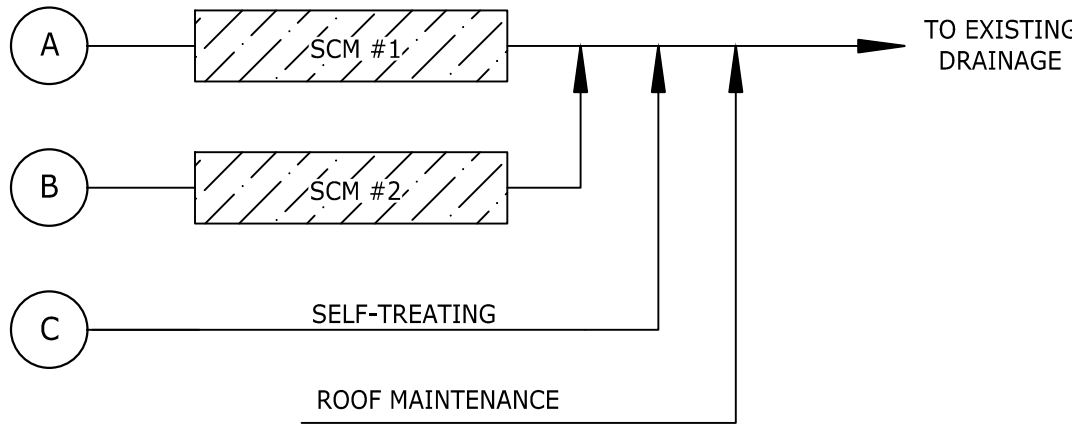
	PRE-DEV AREA IMPERVIOUS (SF)	PRE-DEV AREA PERVIOUS (SF)	PRE-DEV (SEMI-IMP) AREA (SF)	PRE-DEV TOTAL (SF)	POST-DEV AREA IMPERVIOUS (SF)	POST-DEV AREA PERVIOUS (SF)	POST-DEV (SEMI-IMP) AREA (SF)	POST-DEV TOTAL (SF)	NET IMP AREA (SF)
AMPHITHEATER	6082	2729	0	8811	1557	4456	2798	8811	-4,525
WALKWAYS	15152	3048	0	18200	5494	10751	1955	18200	-9,658
FIRE TURNAROUND	0	7364	0	7364	7364	0	0	7364	7,364

DMA	DMA Area	IMPERVIOUS AREA (SQ.FT.)	PERVIOUS AREA	95% STORM DEPTH (Inches)	SCM I.D.	SCM AREA
A	8,031	615	5314	2.05	1.00	24.6
BLDG		0	0			
CONC		615	0			
AC		0	0			
GRASS PAVERS		0	424			
PLANT AREA		0	3616			
GRANITE CRETE		0	1274			
B	11,290	5317	5933	2.05	2.00	212.68
BLDG		1967	0			
CONC		3350	0			
AC		0	0			
GRASS PAVERS		0	658			
PLANT AREA		0	4788			
GRANITE CRETE		0	487			
C	3,102	0	3059	2.05	-	0
BLDG		0	0			
CONC		0	0			
AC		0	0			
GRASS PAVERS		0	0			
PLANT AREA		0	530			
GRANITE CRETE		0	2529			3
D	9,658	0	9658	2.05	-	0
BLDG		0	0			
CONC		0	0			
AC		0	0			
GRASS PAVERS		0	0			
PLANT AREA		0	0			
DECOMPOSED GRANITE		0	9658			3
TOTALS	32,081	5932	23964			237.28

LEGEND

- BIO-RETENTION AREA (SOURCE CONTROL MEASURE)
- B** DEFINED ONSITE TRIBUTARY AREA
- APPROXIMATE LIMIT OF TRIBUTARY AREA
- LIMITS OF DISTURBANCE
- CONCRETE HARDSCAPE (PER LANDSCAPE)
- AC PAVEMENT HARDSCAPE
- GRANITECRETE SEMI-PERVIOUS (PER LANDSCAPE)
- GEOGRID FIRE LANE PERVIOUS (PER LANDSCAPE)
- SYNTHETIC TURF FIRE LANE PERVIOUS (PER LANDSCAPE)

DRAINAGE DIAGRAM



IMPERVIOUS AREA TOTALS

DMA	PRE-DEV AREA (SF)	PRE-DEV (SEMI-IMP) AREA (SF)	POST-DEV AREA (SF)	NET IMP AREA (SF)
A	2,971	2,231	615	-3,695
B	6,110	1,623	5,317	-1,767
C	3,022	0	0	-3,022
D	9,658	9658	0	-15,453



REVISIONS

BY

1

SCC COMMENTS
DATED 3/8/22

LL

STORM WATER
MANAGEMENT PLAN

REGISTERED PROFESSIONAL ENGINEER
TODD R. CREMER
No. C 64561
Exp. 6/30/23
CIVIL
STATE OF CALIFORNIA

C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
14400 Via Verde
San Jose, CA 95135
T (831) 438-4420 F (831) 438-4420

WALDON WEST CENTER SCIENCE
15555 SANBORN ROAD
SARATOGA, CA 95070

Date: 07/07/20

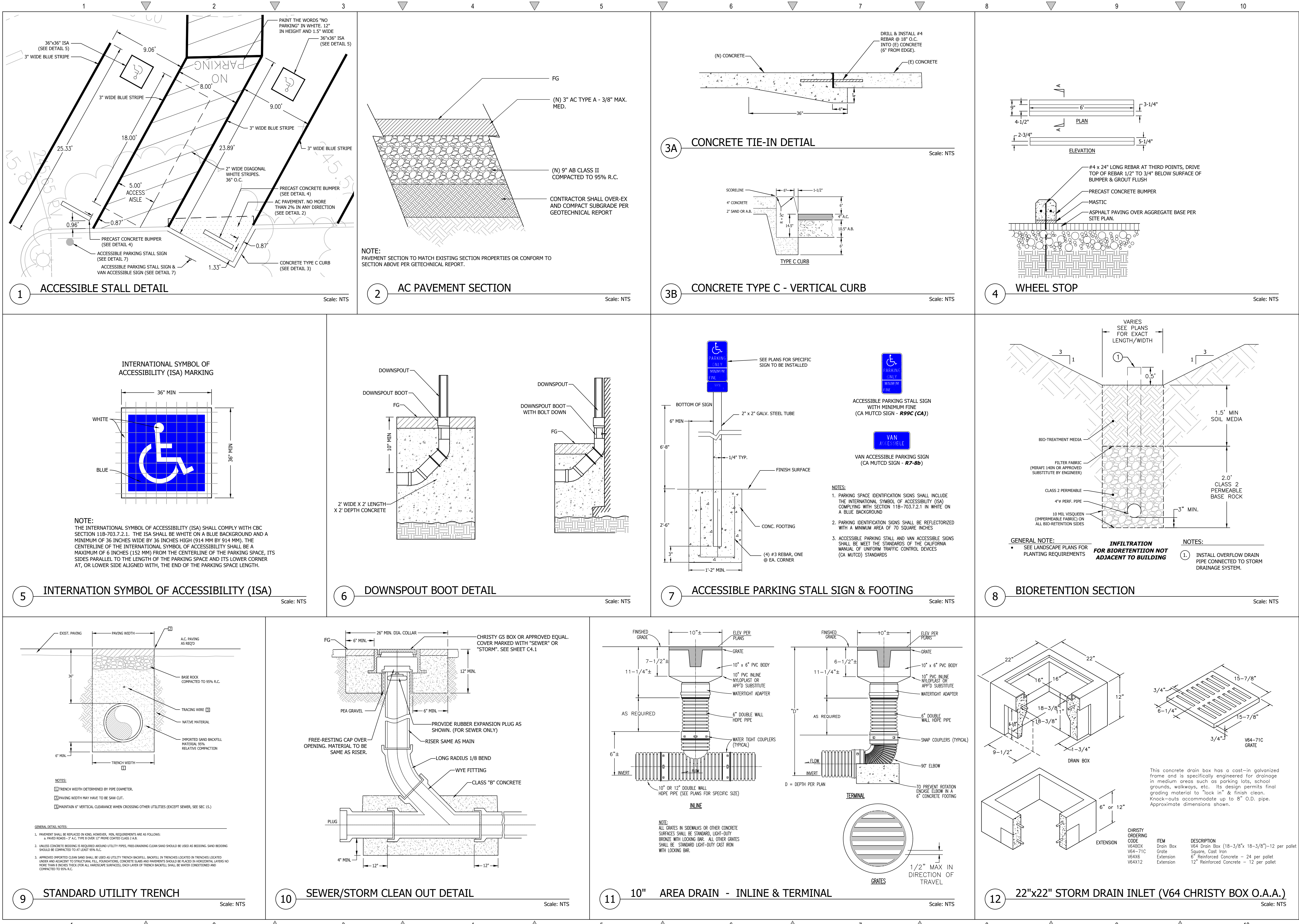
Scale: 1" = 20"

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Job: 501-00

Sheet: C4.1

Of 9 Sheets



REVISIONS	BY
1 SCC COMMENTS DATED 3/8/22	LL

CONSTRUCTION
DETAILS



C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
15555 SANBORN ROAD
SARATOGA, CA 95070
T (831) 438-4420 F (831) 438-4420
By: Lauren Longest

WALDON WEST CENTER SCIENCE
15555 SANBORN ROAD
SARATOGA, CA 95070

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Job:	501-00
Sheet:	C5.1
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