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DIV. OF THE STATE ARCHITECT
APP: 03-125476 INC:
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DATE: 05/07/2026

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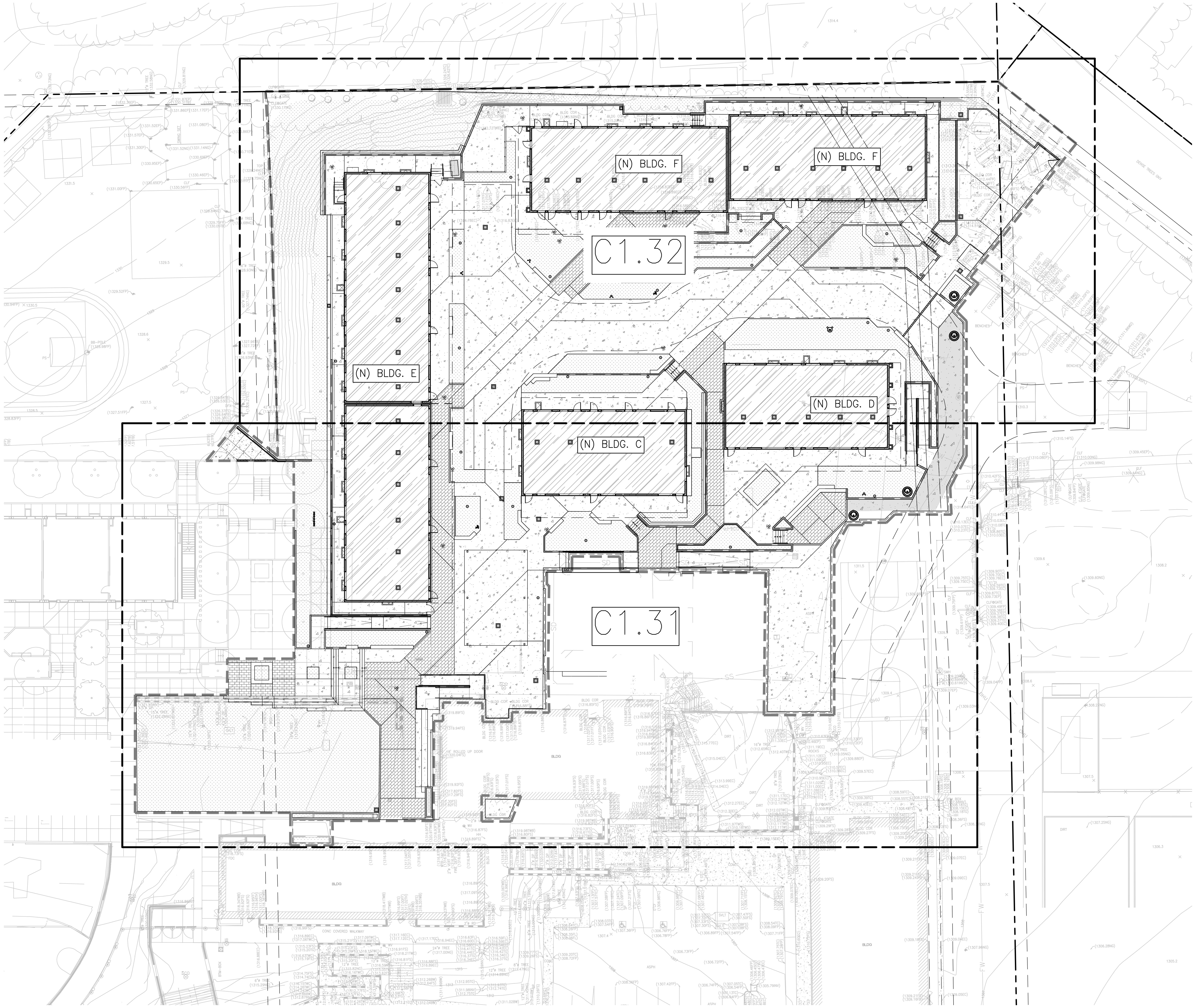

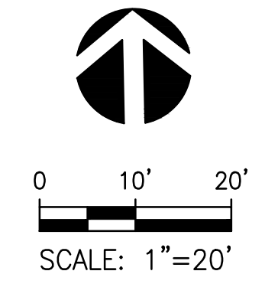

SCALE: 1"=20'

PARADISE CANYON E.S.

PACKAGE 5 - NEW NORTH BUILDINGS

471 KNIGHT WAY, LA CAÑADA FLINTRIDGE, CA 91011

PROJECT NUMBER 20911

LICENSED ARCHITECT
HARRY R DRAKE
NO. C-014869
REN. 05-31-27
STATE OF CALIFORNIA

ISSUE DATE	DESCRIPTION
04/19/2024	100% SCHEMATIC DESIGN
07/05/2024	50% DESIGN DEVELOPMENT
08/16/2024	100% DESIGN DEVELOPMENT
04/11/2025	50% CONSTRUCTION DOCUMENTS
07/18/2025	100% CONSTRUCTION DOCUMENTS
08/06/2025	DSA V1
12/05/2025	DSA V2
03/20/2026	DSA V3

#	REVISION DATE	DESCRIPTION

DRAWING TITLE

OVERALL GRADING PLAN

5C1.30

SCALE: AS INDICATED

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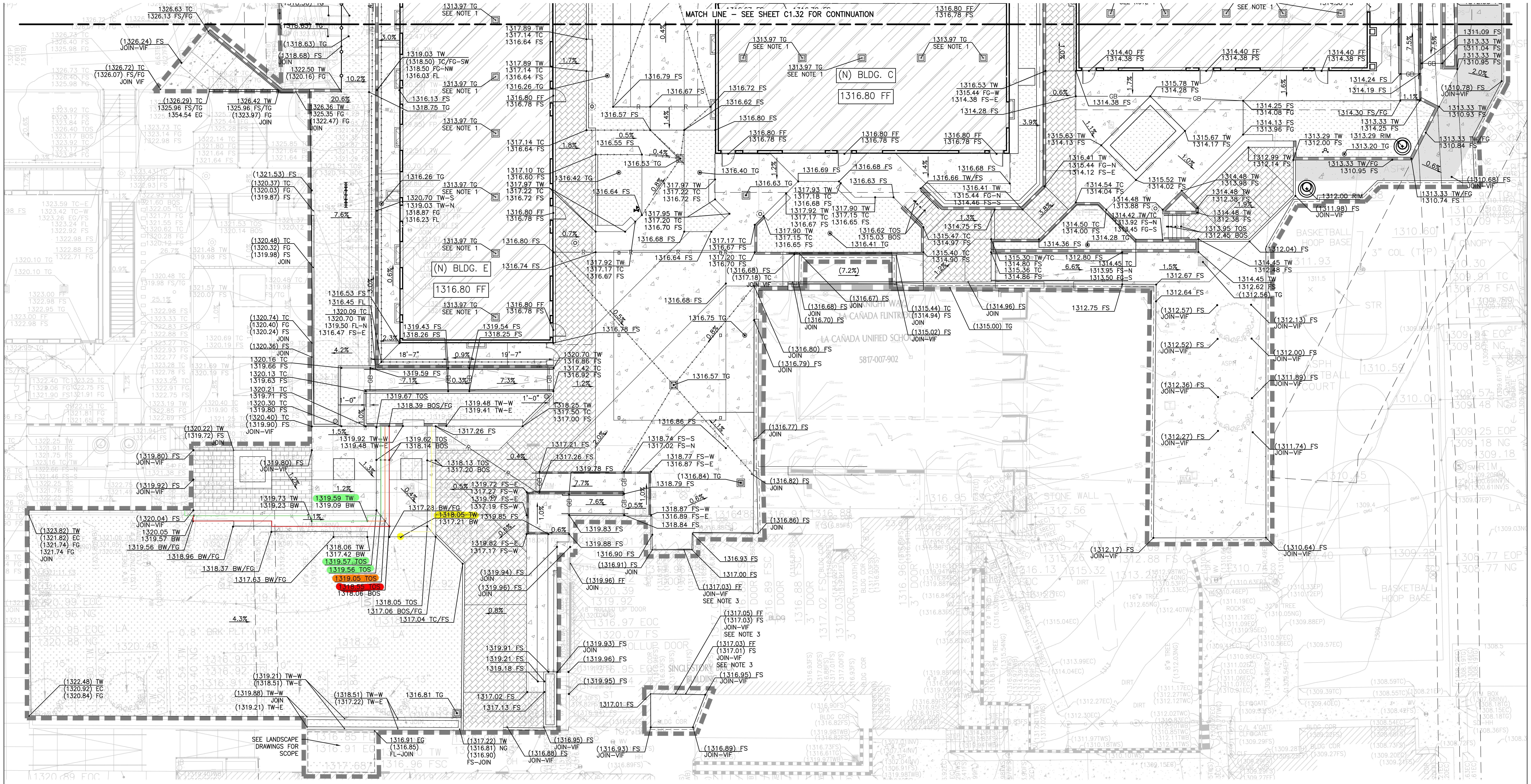


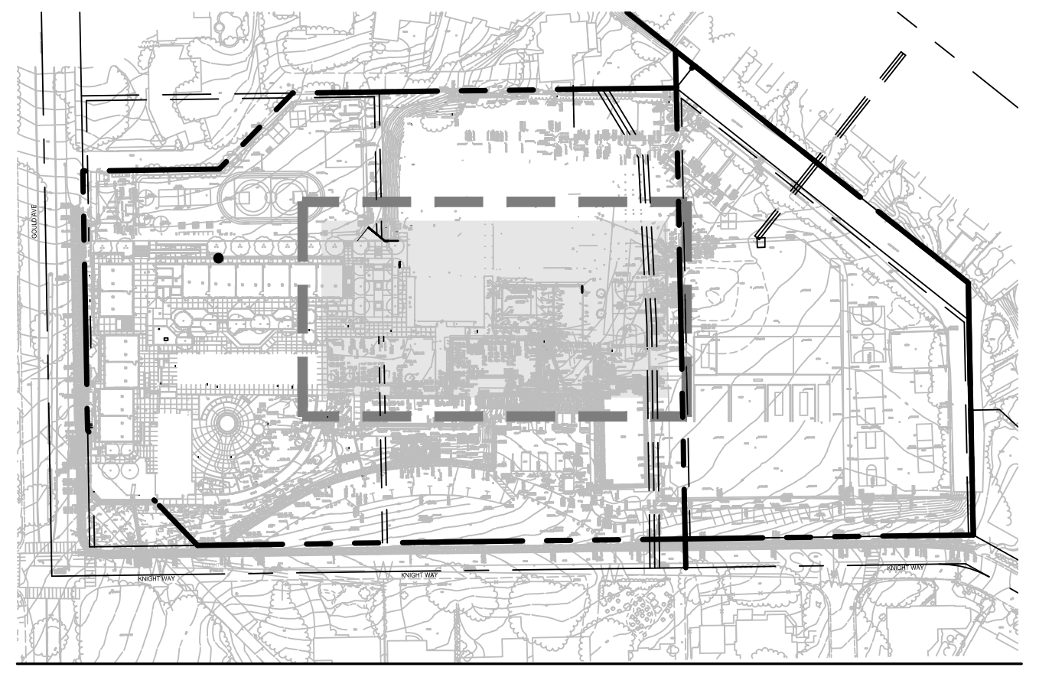
LEGEND

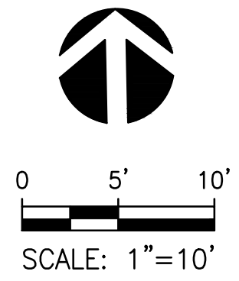
▬ ▬ ▬ ▬	LIMIT OF WORK (SEE NOTE 4)
── ─ ─ ──	PROPERTY LINE
→→→→	FLOW LINE
—GB—GB—	GRADE BREAK
—R—R—R—	RIDGE LINE
⇉⇉⇉	EARTHEN SWALE
═ ═ ═	SAWCUT AND JOIN
TOP ▼▼▼ TOE	GRADE SLOPE (HORIZONTAL:VERTICAL)
—○—○—	LIMITS OF GRADING
— · — · —	GRADING BENCH
—100—	PROPOSED MAJOR CONTOUR
—102—	PROPOSED MINOR CONTOUR
▬▭▬▭▬	RETAINING WALL/SITE WALL (REFER TO STRUCTURAL PLANS FOR DETAILS)
═══	PLANTER WALL BRICK INFILL
▥	STORM DRAIN INLET
⊕	AREA DRAIN/PLANTER DRAIN

▨	CONCRETE PAVING (REFER TO DETAIL 4, SHEET 5C5.00 FOR PEDESTRIAN PAVEMENT AND DETAIL 5, SHEET 5C5.01 FOR VEHICULAR PAVEMENT)
▨	ASPHALT CONCRETE GRIND AND OVERLAY (REFER TO DETAIL 11, SHEET 5C5.01)
▨	PLANTER AREA/LANDSCAPING (REFER TO LANDSCAPING PLANS FOR DETAILS)
▨	PROPOSED BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILS)
▦	PAVERS (REFER TO LANDSCAPING PLANS FOR DETAILS)
▨	GRAVEL (REFER TO LANDSCAPE PLANS FOR DETAILS)
▨	P.I.P. RUBBER SURFACING (REFER TO LANDSCAPE PLANS FOR DETAILS)

NOTES:

1. CRAWLSPACE SLAB TO DRAIN TOWARDS CATCH BASIN AT A MINIMUM SLOPE OF 0.5%. SEE STRUCTURAL NOTES ON SHEETS S1.1A–A – S1.1F–A FOR MORE DETAIL ON CRAWLSPACE SLAB.
2. REFER TO LANDSCAPING PLAN FOR MORE DETAILS REGARDING PAVERS AND DIFFERENT TYPES OF PAVERS TO BE USED.
3. THRESHOLD SHOULD BE 1/4 INCH BELOW FF. CONTRACTOR TO VERIFY FF ELEVATION BEFORE CONSTRUCTION.
4. THERE MAY BE WORK SHOWN ON OTHER SHEETS OUTSIDE THIS LIMIT OF WORK. UNLESS EXPLICITLY EXCLUDED FROM THE SCOPE, CONTRACTOR SHALL CONSIDER THAT ALL NEW WORK SHOWN TO BE PART OF THE CONTRACT.


KEY MAP SCALE: 1"=200'



0 5' 10'
SCALE: 1"=10'

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DRAWING TITLE

GRADING PLAN

5C1.31

SCALE: AS INDICATED

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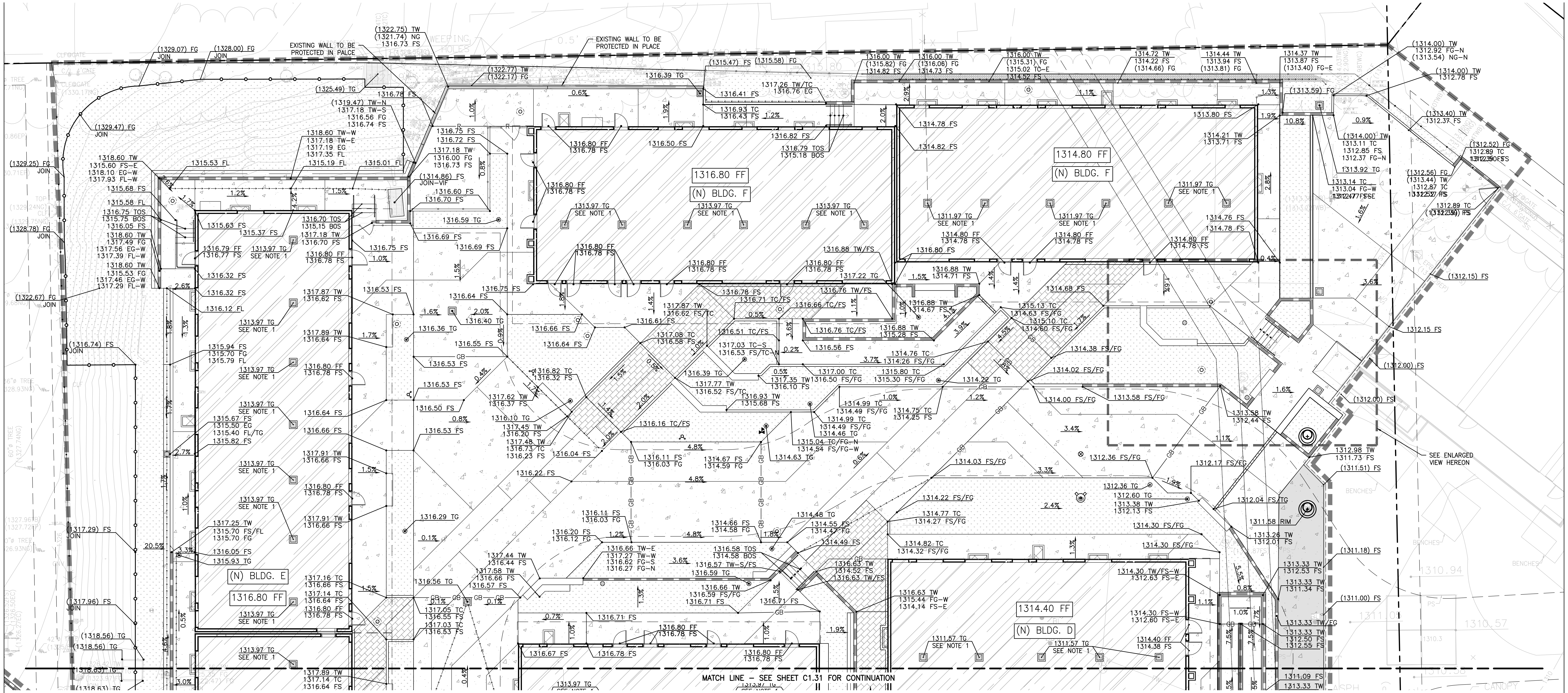

LEGEND

▬ ▬ ▬ ▬	LIMIT OF WORK (SEE NOTE 4)
▬ — ▬	PROPERTY LINE
→ → → →	FLOW LINE
— GB — GB —	GRADE BREAK
— R — R — R —	RIDGE LINE
⇉ ⇉ ⇉	EARTHEN SWALE
═ ═ ═ ═	SAWCUT AND JOIN
TOP ▼ ▼ ▼ TOE	GRADE SLOPE (HORIZONTAL:VERTICAL)
—o—o—	LIMITS OF GRADING
— · — · —	GRADING BENCH
—100—	PROPOSED MAJOR CONTOUR
—102—	PROPOSED MINOR CONTOUR
▬ ▬ ▬	RETAINING WALL/SITE WALL (REFER TO STRUCTURAL PLANS FOR DETAILS)
═══	PLANTER WALL BRICK INFILL
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▦	PAVERS (REFER TO LANDSCAPING PLANS FOR DETAILS)
▓	GRAVEL (REFER TO LANDSCAPE PLANS FOR DETAILS)
⬡	P.I.P. RUBBER SURFACING (REFER TO LANDSCAPE PLANS FOR DETAILS)

NOTES:

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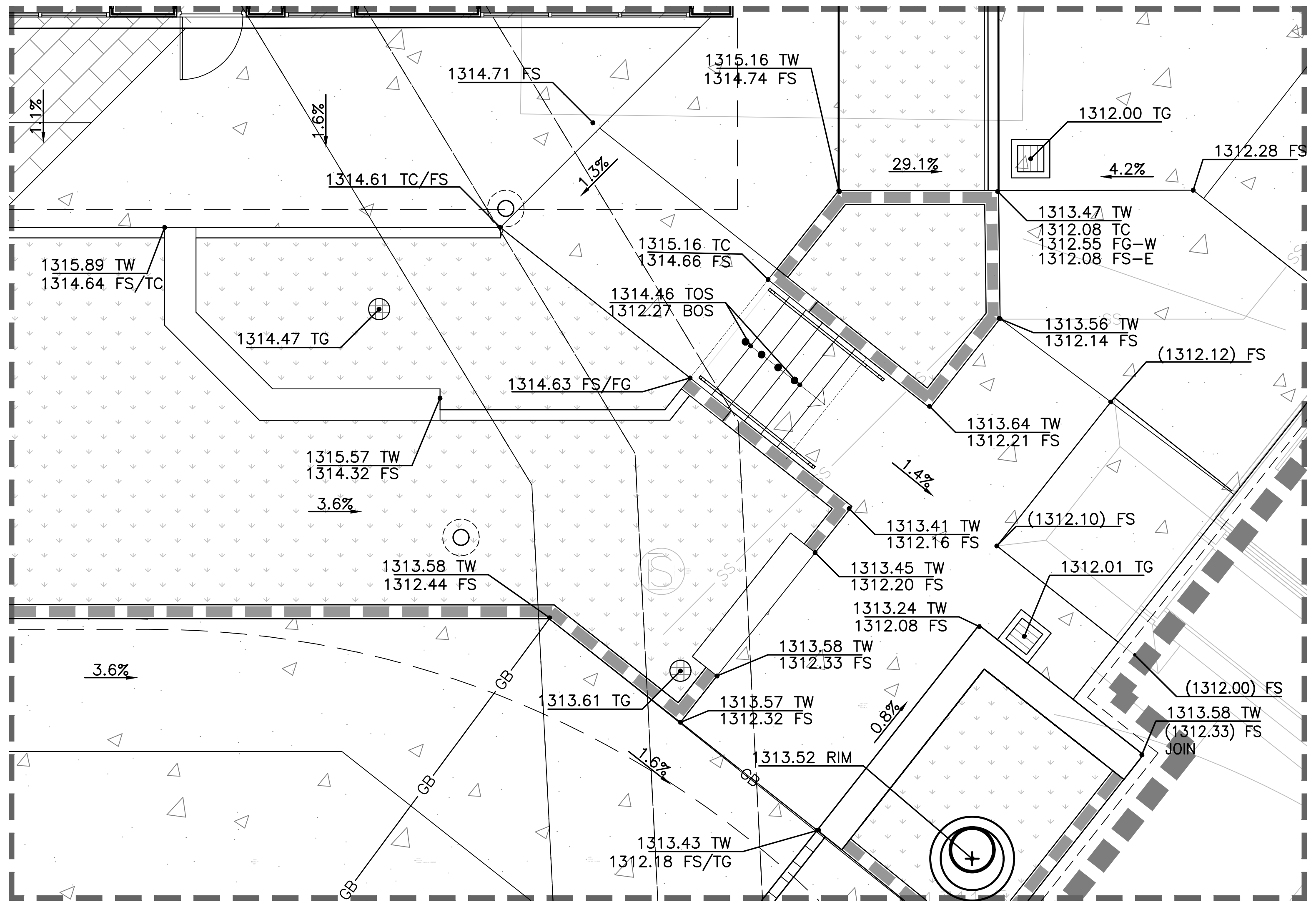
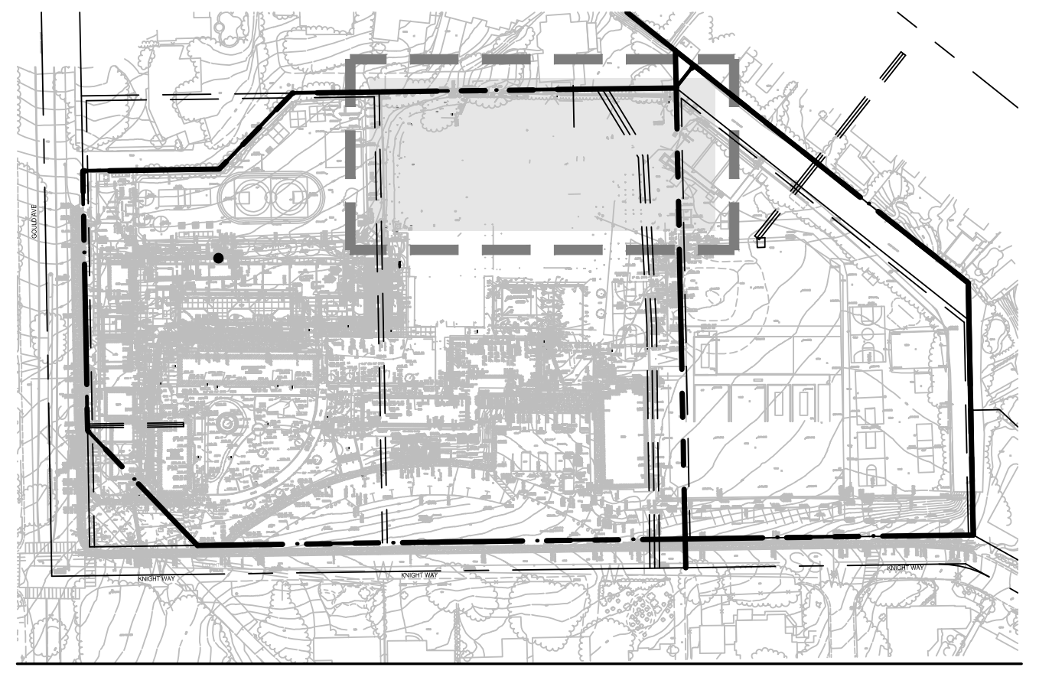


ENLARGED PLAN VIEW
SCALE: 1" = 5'
SEE SHEET C1.30 FOR OVERALL PLAN



KEY MAP SCALE: 1"=200'

N

0 5' 10'
SCALE: 1"=10'

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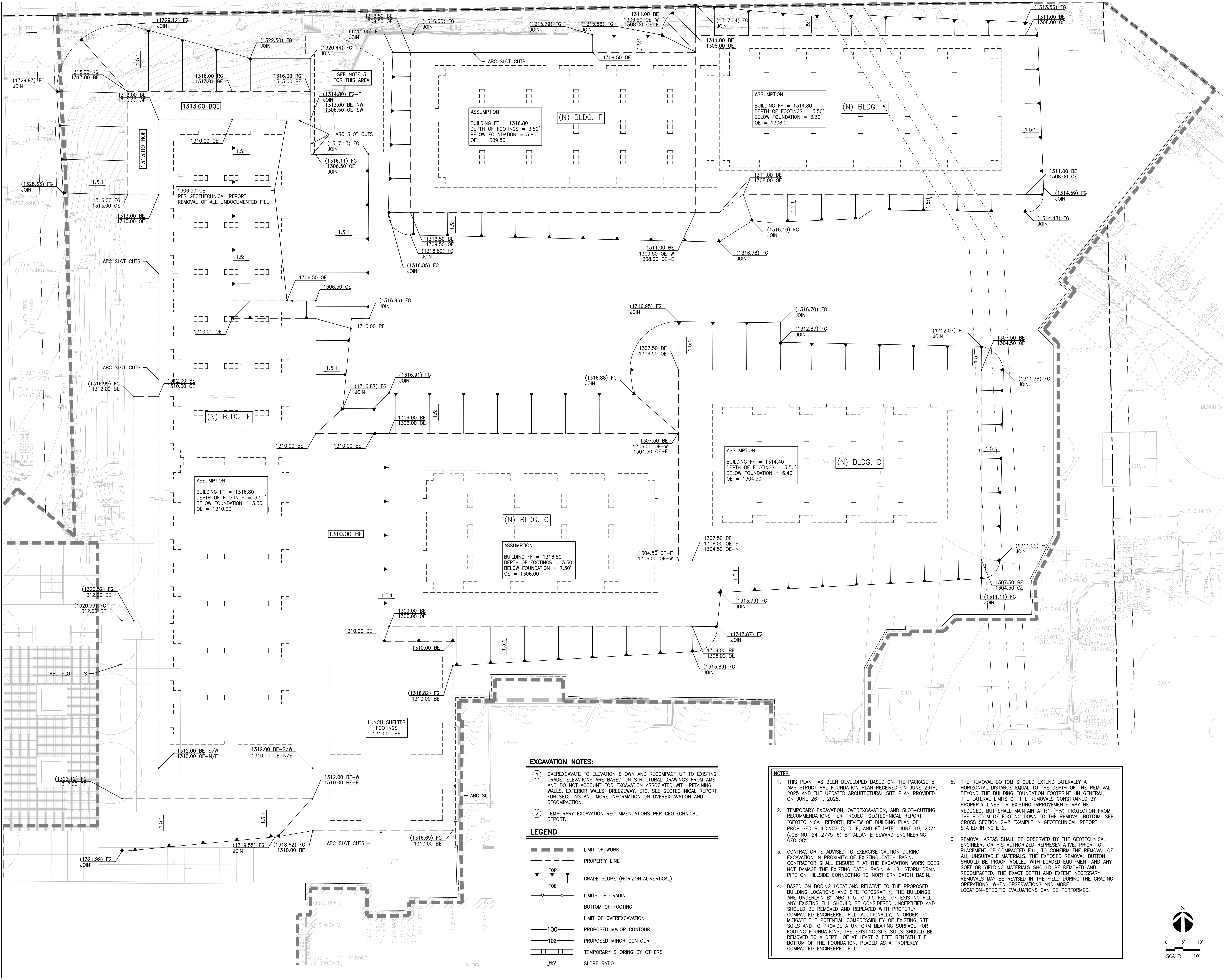
#	REVISION DATE	DESCRIPTION

DRAWING TITLE

GRADING PLAN

5C1.32

SCALE: AS INDICATED



EXCAVATION NOTES:

① OVEREXCAVATE TO ELEVATION SHOWN AND RECOMPACT UP TO EXISTING GRADE. ELEVATIONS ARE BASED ON STRUCTURAL DRAWINGS FROM AMS AND DO NOT ACCOUNT FOR EXCAVATION ASSOCIATED WITH RETAINING WALLS, EXTERIOR WALLS, BREEZEWAY, ETC. SEE GEOTECHNICAL REPORT FOR SECTIONS AND MORE INFORMATION ON OVEREXCAVATION AND RECOMPACTION.

② TEMPORARY EXCAVATION RECOMMENDATIONS PER GEOTECHNICAL REPORT.

LEGEND

LIMIT OF WORK
PROPERTY LINE
TOP / TOE — GRADE SLOPE (HORIZONTAL:VERTICAL)
LIMITS OF GRADING
BOTTOM OF FOOTING
LIMIT OF OVEREXCAVATION
100 — PROPOSED MAJOR CONTOUR
102 — PROPOSED MINOR CONTOUR
TEMPORARY SHORING BY OTHERS
H:V — SLOPE RATIO

NOTES:

1. THIS PLAN HAS BEEN DEVELOPED BASED ON THE PACKAGE 5 AMS STRUCTURAL FOUNDATION PLAN RECEIVED ON JUNE 26TH, 2025 AND THE UPDATED ARCHITECTURAL SITE PLAN PROVIDED ON JUNE 26TH, 2025.
2. TEMPORARY EXCAVATION, OVEREXCAVATION, AND SLOT-CUTTING RECOMMENDATIONS PER PROJECT GEOTECHNICAL REPORT "GEOTECHNICAL REPORT; REVIEW OF BUILDING PLAN OF PROPOSED BUILDINGS C, D, E, AND F" DATED JUNE 19, 2024. (JOB NO. 24-2775-6) BY ALLAN E SEWARD ENGINEERING GEOLOGY.
3. CONTRACTOR IS ADVISED TO EXERCISE CAUTION DURING EXCAVATION IN PROXIMITY OF EXISTING CATCH BASIN. CONTRACTOR SHALL ENSURE THAT THE EXCAVATION WORK DOES NOT DAMAGE THE EXISTING CATCH BASIN & 18" STORM DRAIN PIPE ON HILLSIDE CONNECTING TO NORTHERN CATCH BASIN.
4. BASED ON BORING LOCATIONS RELATIVE TO THE PROPOSED BUILDING LOCATIONS AND SITE TOPOGRAPHY, THE BUILDINGS ARE UNDERLAIN BY ABOUT 5 TO 9.5 FEET OF EXISTING FILL. ANY EXISTING FILL SHOULD BE CONSIDERED UNCERTIFIED AND SHOULD BE REMOVED AND REPLACED WITH PROPERLY COMPACTED ENGINEERED FILL. ADDITIONALLY, IN ORDER TO MITIGATE THE POTENTIAL COMPRESSIBILITY OF EXISTING SITE SOILS AND TO PROVIDE A UNIFORM BEARING SURFACE FOR FOOTING FOUNDATIONS, THE EXISTING SITE SOILS SHOULD BE REMOVED TO A DEPTH OF AT LEAST 3 FEET BENEATH THE BOTTOM OF THE FOUNDATION, PLACED AS A PROPERLY COMPACTED ENGINEERED FILL.
5. THE REMOVAL BOTTOM SHOULD EXTEND LATERALLY A HORIZONTAL DISTANCE EQUAL TO THE DEPTH OF THE REMOVAL BEYOND THE BUILDING FOUNDATION FOOTPRINT. IN GENERAL, THE LATERAL LIMITS OF THE REMOVALS CONSTRAINED BY PROPERTY LINES OR EXISTING IMPROVEMENTS MAY BE REDUCED, BUT SHALL MAINTAIN A 1:1 (H:V) PROJECTION FROM THE BOTTOM OF FOOTING DOWN TO THE REMOVAL BOTTOM. SEE CROSS SECTION 2-2 EXAMPLE IN GEOTECHNICAL REPORT STATED IN NOTE 2.
6. REMOVAL AREAS SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER, OR HIS AUTHORIZED REPRESENTATIVE, PRIOR TO PLACEMENT OF COMPACTED FILL, TO CONFIRM THE REMOVAL OF ALL UNSUITABLE MATERIALS. THE EXPOSED REMOVAL BUTTON SHOULD BE PROOF-ROLLED WITH LOADED EQUIPMENT AND ANY SOFT OR YIELDING MATERIALS SHOULD BE REMOVED AND RECOMPACTED. THE EXACT DEPTH AND EXTENT NECESSARY REMOVALS MAY BE REVISED IN THE FIELD DURING THE GRADING OPERATIONS, WHEN OBSERVATIONS AND MORE LOCATION-SPECIFIC EVALUATIONS CAN BE PERFORMED.

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#	REVISION DATE	DESCRIPTION

DRAWING TITLE

ROUGH GRADING PLAN

5C1.34

SCALE: AS INDICATED

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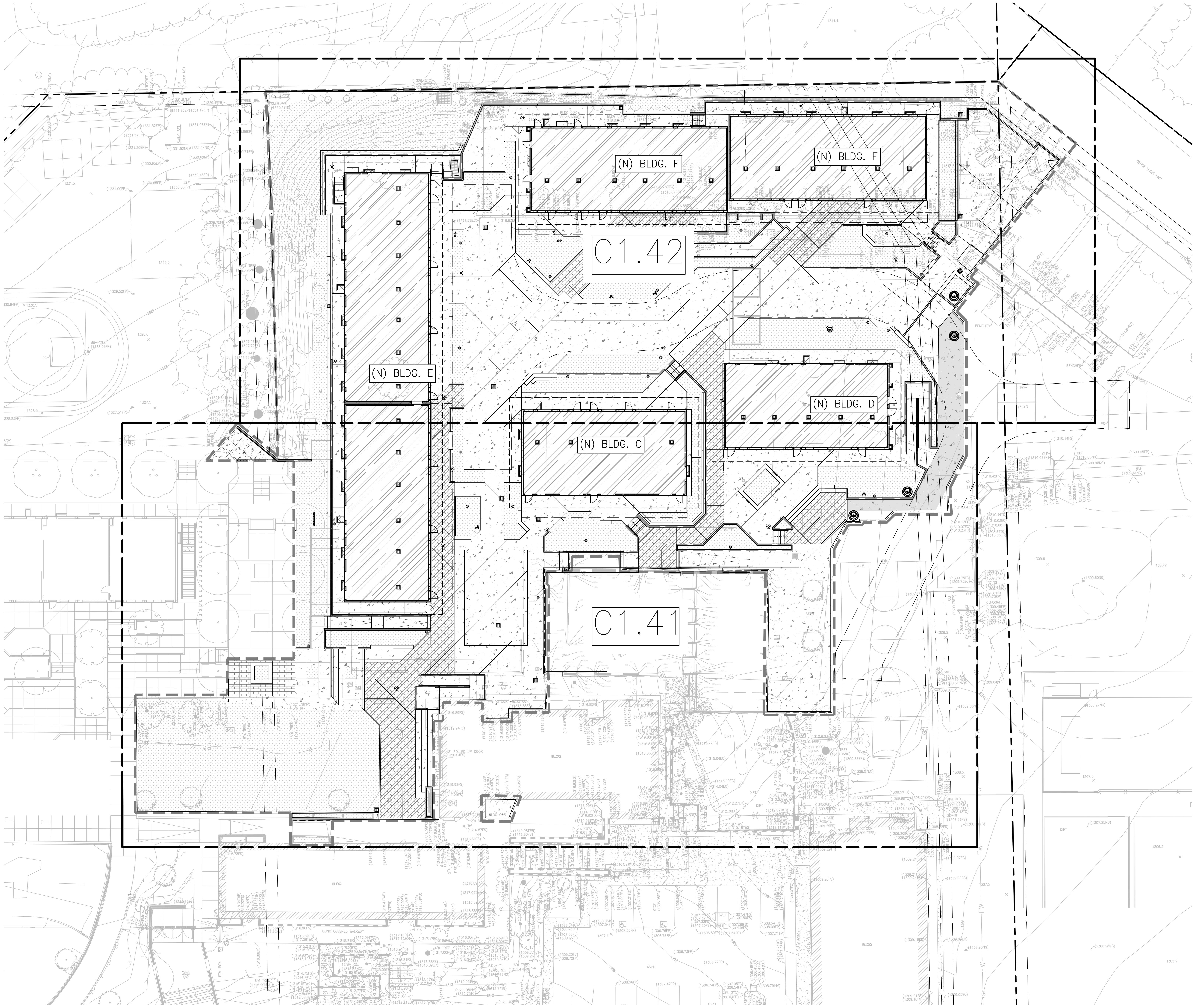

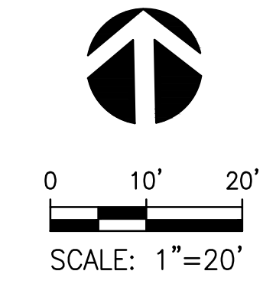

SCALE: 1"=20'

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#	REVISION DATE	DESCRIPTION

DRAWING TITLE

OVERALL HORIZONTAL CONTROL AND PAVING PLAN

5C1.40

SCALE: AS INDICATED

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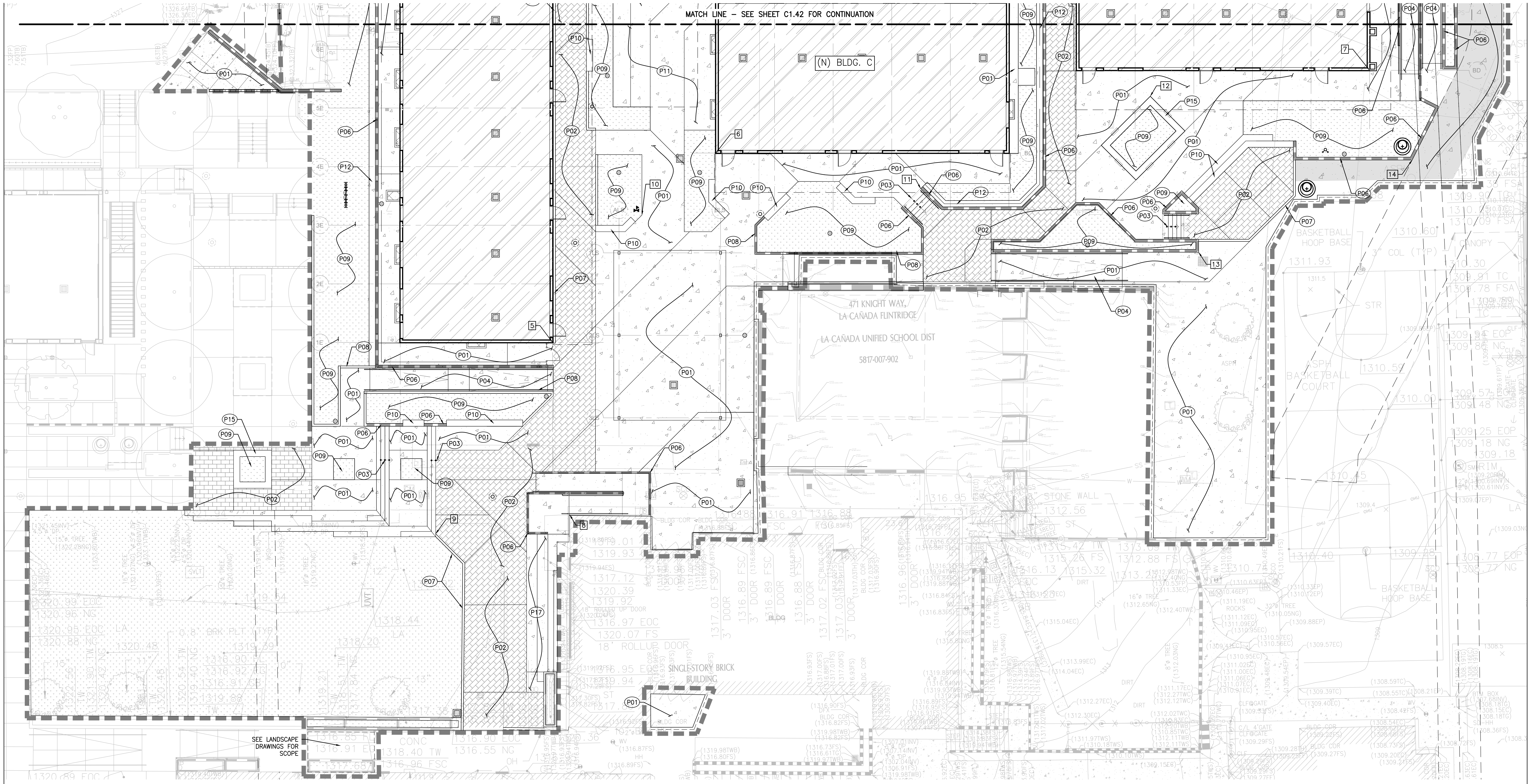

PAVING CONSTRUCTION NOTES

(P01)	CONCRETE PAVEMENT PER DETAIL 4, SHEET 5C5.00.
(P02)	PAVERS. SEE LANDSCAPING PLANS FOR ORIENTATION OF PAVERS. SEE LANDSCAPE PLANS, DETAIL 3, SHEET 5L2.01
(P03)	STAIRS PER KPFF STRUCTURAL PLANS.
(P04)	RAMP. SEE ARCHITECTURAL PLANS FOR DETAILS.
(P05)	GRAVEL.
(P06)	RETAINING WALL. SEE KPFF STRUCTURAL PLANS FOR DETAILS. REFER TO DETAIL 7, 5C5.02 FOR WALL DRAINAGE.
(P07)	CONCRETE MOW CURB.
(P08)	RAISED CONCRETE CURB PER DETAIL 4, SHEET 5C5.01.
(P09)	LANDSCAPING. SEE LANDSCAPE PLANS FOR DETAILS.
(P10)	CONCRETE SEAT WALL. SEE LANDSCAPE PLANS FOR DETAILS.
(P11)	VEHICULAR CONCRETE PAVEMENT PER DETAIL 5, SHEET 5C5.01.
(P12)	CONCRETE VALLEY GUTTER PER DETAIL 3, SHEET 5C5.01.
(P13)	ASPHALT PAVING PER DETAIL 1, SHEET 5C5.02.
(P14)	RESILIENT SURFACING. SEE LANDSCAPE PLANS FOR MORE DETAILS.
(P15)	RAISED PLANTER WALL.
(P16)	GRAVEL INFILL. SECTION PER DETAIL 4, SHEET 5C5.02.
(P17)	TERRACED WALL.
(P18)	CONCRETE GRIND AND OVERLAY PER DETAIL 1, SHEET 5C5.02.

LEGEND

▬ ▬ ▬ ▬	LIMIT OF WORK
— – – —	PROPERTY LINE
- - - - - - - -	OVER EXCAVATION LINE
— — — —	FIRE LANE
▨	CONCRETE PAVING (REFER TO DETAIL 4, SHEET 5C5.00 FOR PEDESTRIAN PAVEMENT AND DETAIL 5, SHEET 5C5.01 FOR VEHICULAR PAVEMENT)
▨	ASPHALT CONCRETE GRIND AND OVERLAY (REFER TO DETAIL 1, SHEET 5C5.02)
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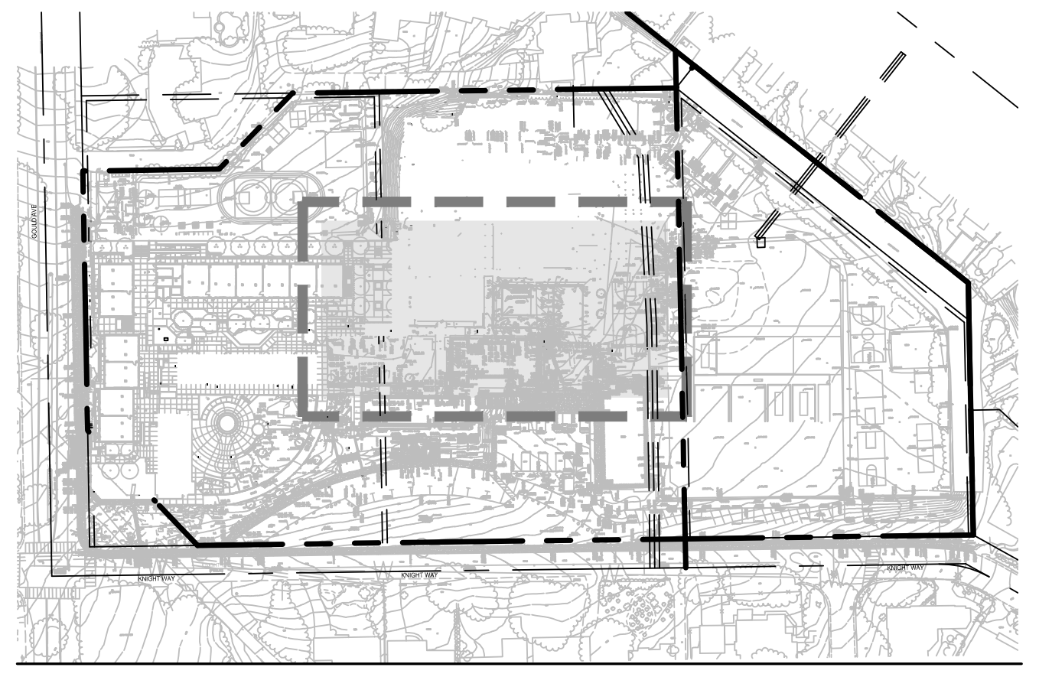
▦	P.I.P. RUBBER SURFACING (REFER TO LANDSCAPE PLANS FOR DETAILS)
▬▭▬▭▬	RETAINING WALL/SITE WALL (REFER TO STRUCTURAL PLANS FOR DETAILS)
═══════	PLANTER WALL BRICK INFILL
X	HORIZONTAL CONTROL POINT (REFER TO POINT TABLE)

POINT TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION
1	7811.80	6693.38	GRID LINE INTERSECTION 1F & FB
2	7810.09	6777.14	GRID LINE INTERSECTION 8F & FB
3	7774.10	6776.40	GRID LINE INTERSECTION 8F & FA
4	7709.00	6842.29	GRID LINE INTERSECTION 6D & AD
5	7612.64	6647.18	GRID LINE INTERSECTION 1E & BE
6	7656.62	6686.69	GRID LINE INTERSECTION 1C & BC
7	7673.01	6841.56	GRID LINE INTERSECTION 6D & BD
8	7571.84	6650.40	NORTHWEST CORNER OF BUILDING B
9	7567.98	6618.64	SOUTHEAST CORNER OF STAIRS
10	7642.31	6668.91	SOUTHEAST CORNER OF PLANTER
11	7647.21	6734.91	TOP OF STAIR
12	7667.93	6789.60	NORTHEAST CORNER OF PLANTER
13	7630.84	6800.28	SOUTHEAST CORNER OF PLANTER
14	7651.61	6851.18	SOUTH CORNER OF RETAINING WALL
15	7737.82	6664.04	NORTHEAST CORNER OF PLANTER
16	7707.76	6692.54	TOP OF SEATWALL
17	7766.66	6738.59	NORTHWEST CORNER OF CURB
18	7760.73	6784.62	SOUTH CORNER OF RETAINING WALL
19	7753.76	6864.94	EAST CORNER OF RETAINING WALL
20	7723.23	6845.76	TOP CORNER OF SEAT WALL

NOTE TO CONTRACTOR/CONSTRUCTION SURVEYOR:

CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. CONSTRUCTION STAKING SURVEYOR SHALL BE RESPONSIBLE FOR COORDINATION OF THESE PLANS WITH SOURCE DRAWINGS PREPARED BY ARCHITECT, LANDSCAPE ARCHITECT, STRUCTURAL ENGINEER, MEP CONSULTANT AND ANY OTHER DISCIPLINE PRIOR TO START OF STAKING AND CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED.



KEY MAP SCALE: 1"=200'

N
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SCALE: 1"=10'

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HARRY R DRAKE
NO. C-014869
REN. 05-31-27

ISSUE DATE	DESCRIPTION
04/19/2024	100% SCHEMATIC DESIGN
07/05/2024	50% DESIGN DEVELOPMENT
08/16/2024	100% DESIGN DEVELOPMENT
04/11/2025	50% CONSTRUCTION DOCUMENTS
07/18/2025	100% CONSTRUCTION DOCUMENTS
08/06/2025	DSA V1
12/05/2025	DSA V2
03/20/2026	DSA V3

#	REVISION DATE	DESCRIPTION

DRAWING TITLE

HORIZONTAL CONTROL AND PAVING PLAN

5C1.41

SCALE: AS INDICATED

P:\2020\2000742 Paradise Canyon ES Modernization\5 CAD\Sheets\New North Buildings\2000742-C-1.41PV.dwg, Mar 18, 2026 - 1:45pm

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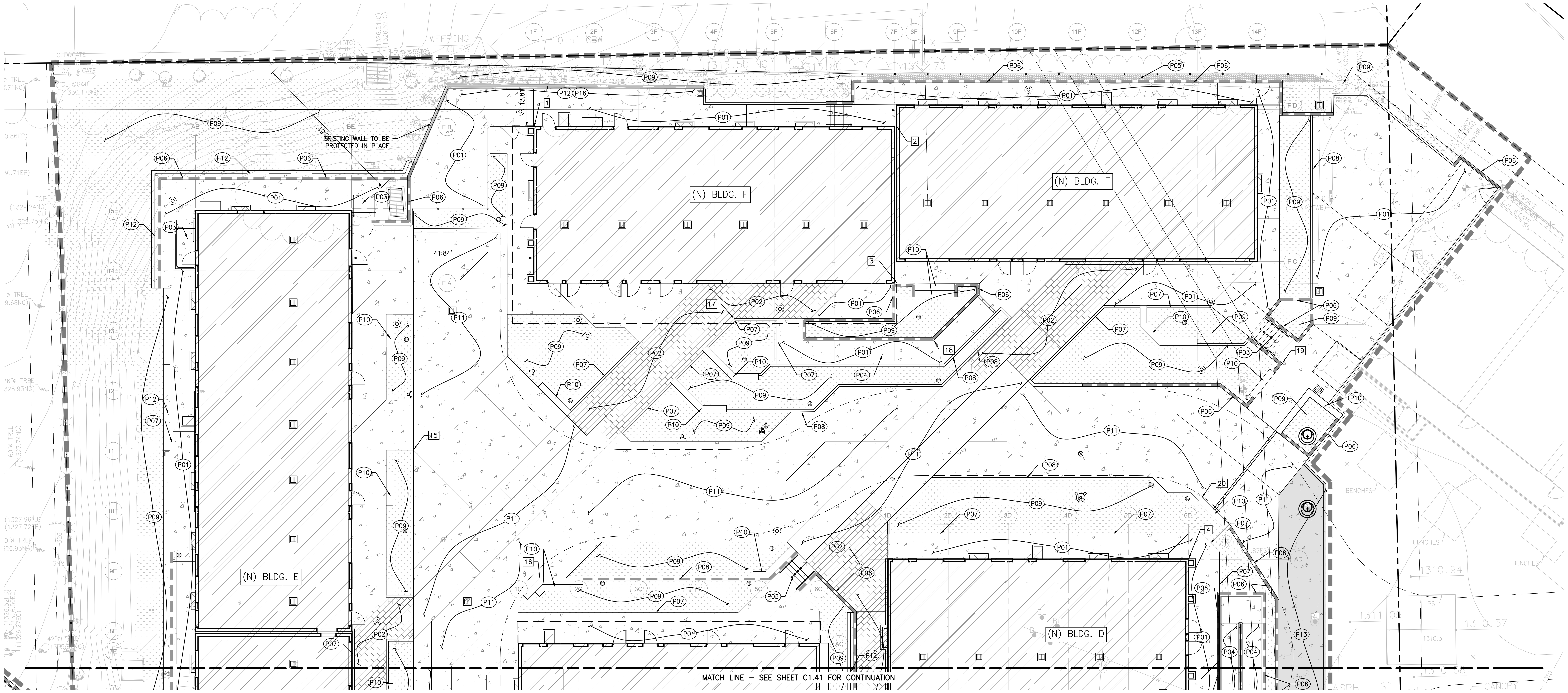


PAVING CONSTRUCTION NOTES

(P01)	CONCRETE PAVEMENT PER DETAIL 4, SHEET 5C5.00.
(P02)	PAVERS. SEE LANDSCAPING PLANS FOR ORIENTATION OF PAVERS. SEE LANDSCAPE PLANS, DETAIL 3, SHEET 5L2.01
(P03)	STAIRS PER KPFF STRUCTURAL PLANS.
(P04)	RAMP. SEE ARCHITECTURAL PLANS FOR DETAILS.
(P05)	GRAVEL.
(P06)	RETAINING WALL. SEE KPFF STRUCTURAL PLANS FOR DETAILS. REFER TO DETAIL 7, 5C5.02 FOR WALL DRAINAGE.
(P07)	CONCRETE MOW CURB.
(P08)	RAISED CONCRETE CURB PER DETAIL 4, SHEET 5C5.01.
(P09)	LANDSCAPING. SEE LANDSCAPE PLANS FOR DETAILS.
(P10)	CONCRETE SEAT WALL. SEE LANDSCAPE PLANS FOR DETAILS.
(P11)	VEHICULAR CONCRETE PAVEMENT PER DETAIL 5, SHEET 5C5.01.
(P12)	CONCRETE VALLEY GUTTER PER DETAIL 3, SHEET 5C5.01.
(P13)	ASPHALT PAVING PER DETAIL 1, SHEET 5C5.02.
(P14)	RESILIENT SURFACING. SEE LANDSCAPE PLANS FOR MORE DETAILS.
(P15)	RAISED PLANTER WALL.
(P16)	GRAVEL INFILL. SECTION PER DETAIL 4, SHEET 5C5.02.
(P17)	TERRACED WALL.
(P18)	CONCRETE GRIND AND OVERLAY PER DETAIL 1, SHEET 5C5.02.

LEGEND

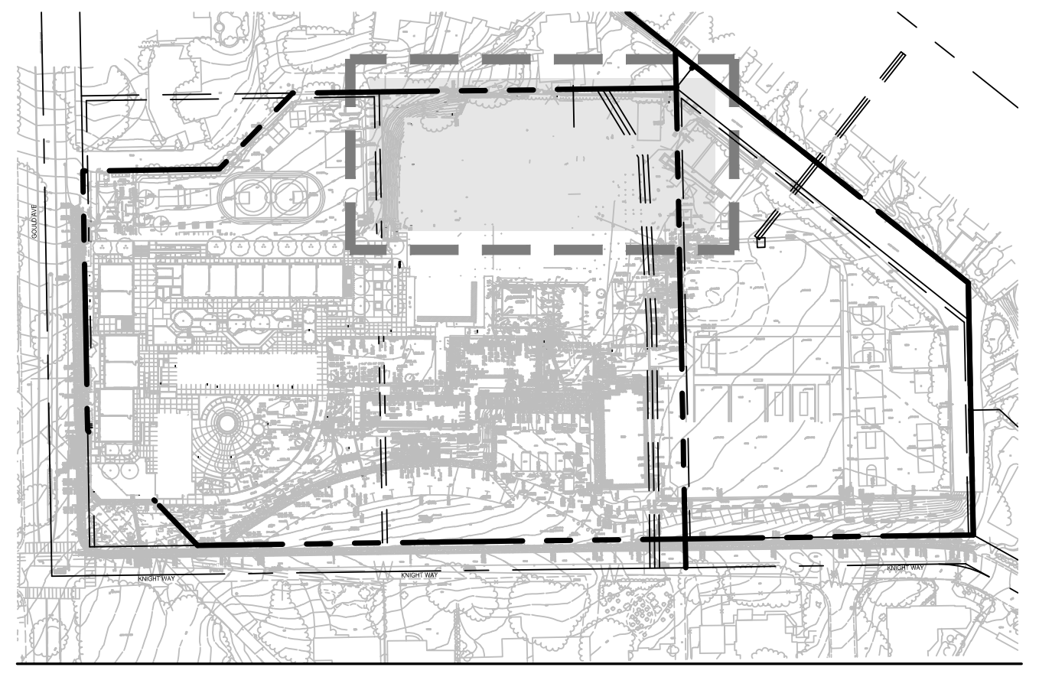
▬ ▬ ▬ ▬	LIMIT OF WORK
— – – —	PROPERTY LINE
- - - - - - - -	OVER EXCAVATION LINE
— — — —	FIRE LANE
▨	CONCRETE PAVING (REFER TO DETAIL 4, SHEET 5C5.00 FOR PEDESTRIAN PAVEMENT AND DETAIL 5, SHEET 5C5.01 FOR VEHICULAR PAVEMENT)
▨	ASPHALT CONCRETE GRIND AND OVERLAY (REFER TO DETAIL 1, SHEET 5C5.02)
▨	PLANTER AREA/LANDSCAPING (REFER TO LANDSCAPING PLANS FOR DETAILS)
▨	PROPOSED BUILDING (REFER TO ARCHITECTURAL PLANS FOR DETAILS)
▨	PAVERS (REFER TO LANDSCAPING PLANS FOR DETAILS)
▨	P.I.P. RUBBER SURFACING (REFER TO LANDSCAPE PLANS FOR DETAILS)
▬	RETAINING WALL/SITE WALL (REFER TO STRUCTURAL PLANS FOR DETAILS)
═	PLANTER WALL BRICK INFILL
X	HORIZONTAL CONTROL POINT (REFER TO POINT TABLE)

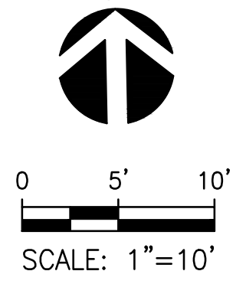
POINT TABLE

POINT NO.	NORTHING	EASTING	DESCRIPTION
1	7811.80	6693.38	GRID LINE INTERSECTION 1F & FB
2	7810.09	6777.14	GRID LINE INTERSECTION 8F & FB
3	7774.10	6776.40	GRID LINE INTERSECTION 8F & FA
4	7709.00	6842.29	GRID LINE INTERSECTION 6D & AD
5	7612.64	6647.18	GRID LINE INTERSECTION 1E & BE
6	7656.62	6686.69	GRID LINE INTERSECTION 1C & BC
7	7673.01	6841.56	GRID LINE INTERSECTION 6D & BD
8	7571.84	6650.40	NORTHWEST CORNER OF BUILDING B
9	7567.98	6618.64	SOUTHEAST CORNER OF STAIRS
10	7642.31	6668.91	SOUTHEAST CORNER OF PLANTER
11	7647.21	6734.91	TOP OF STAIR
12	7667.93	6789.60	NORTHEAST CORNER OF PLANTER
13	7630.84	6800.28	SOUTHEAST CORNER OF PLANTER
14	7651.61	6851.18	SOUTH CORNER OF RETAINING WALL
15	7737.82	6664.04	NORTHEAST CORNER OF PLANTER
16	7707.76	6692.54	TOP OF SEATWALL
17	7766.66	6738.59	NORTHWEST CORNER OF CURB
18	7760.73	6784.62	SOUTH CORNER OF RETAINING WALL
19	7753.76	6864.94	EAST CORNER OF RETAINING WALL
20	7723.23	6845.76	TOP CORNER OF SEAT WALL

NOTE TO CONTRACTOR/CONSTRUCTION SURVEYOR:

CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. CONSTRUCTION STAKING SURVEYOR SHALL BE RESPONSIBLE FOR COORDINATION OF THESE PLANS WITH SOURCE DRAWINGS PREPARED BY ARCHITECT, LANDSCAPE ARCHITECT, STRUCTURAL ENGINEER, MEP CONSULTANT AND ANY OTHER DISCIPLINE PRIOR TO START OF STAKING AND CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED.


KEY MAP
SCALE: 1"=200'



SCALE: 1"=10'

IDENTIFICATION STAMP
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DATE: 05/07/2026

Practice
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No. C77744
Exp. 6/30/27
CIVIL

PARADISE CANYON E.S.

PACKAGE 5 - NEW NORTH BUILDINGS

471 KNIGHT WAY, LA CAÑADA FLINTRIDGE, CA 91011

PROJECT NUMBER 20911

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03/20/2026	DSA V3

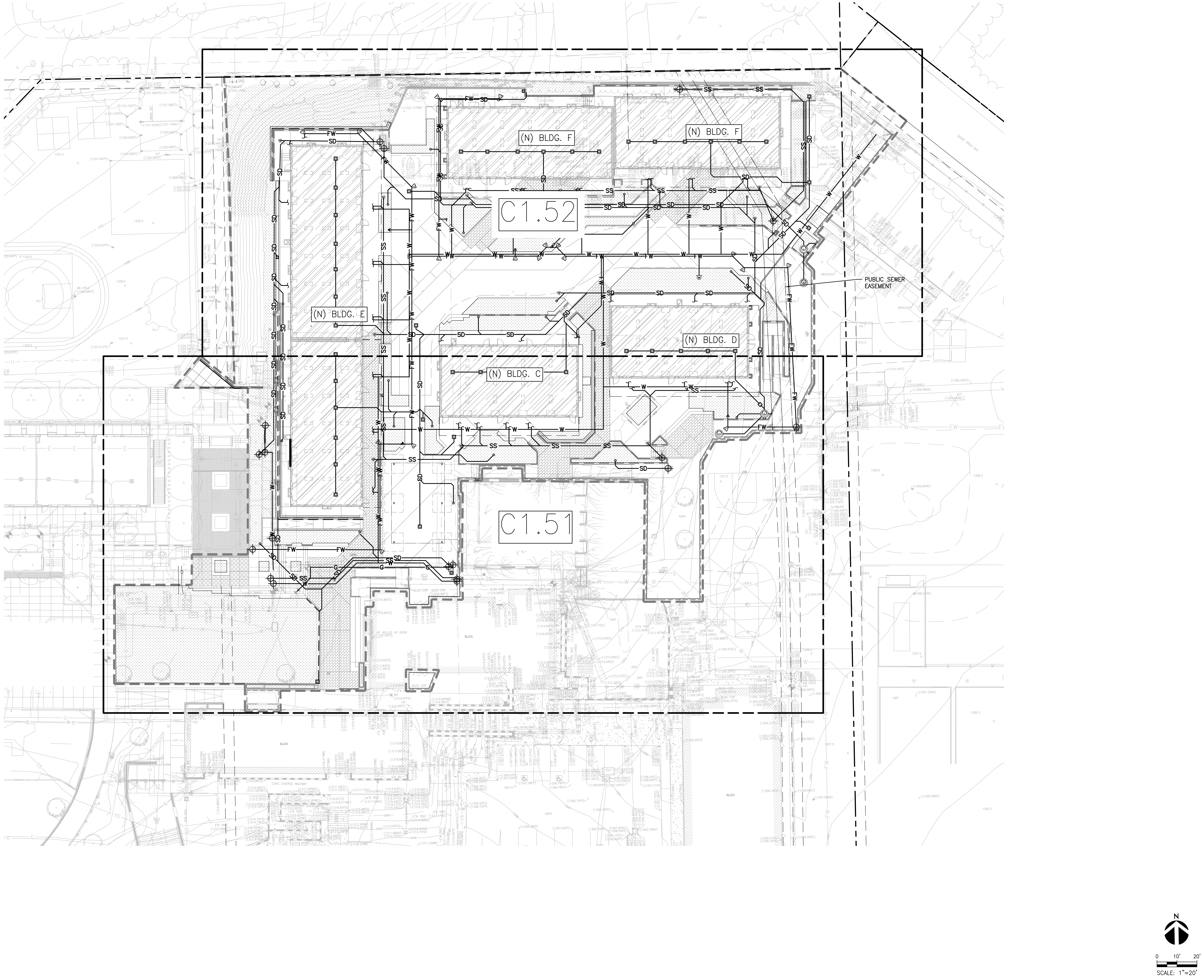
#	REVISION DATE	DESCRIPTION

DRAWING TITLE

HORIZONTAL CONTROL AND PAVING PLAN

5C1.42

SCALE: AS INDICATED



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#	REVISION DATE	DESCRIPTION

DRAWING TITLE

OVERALL UTILITY PLAN

5C1.50

SCALE: AS INDICATED

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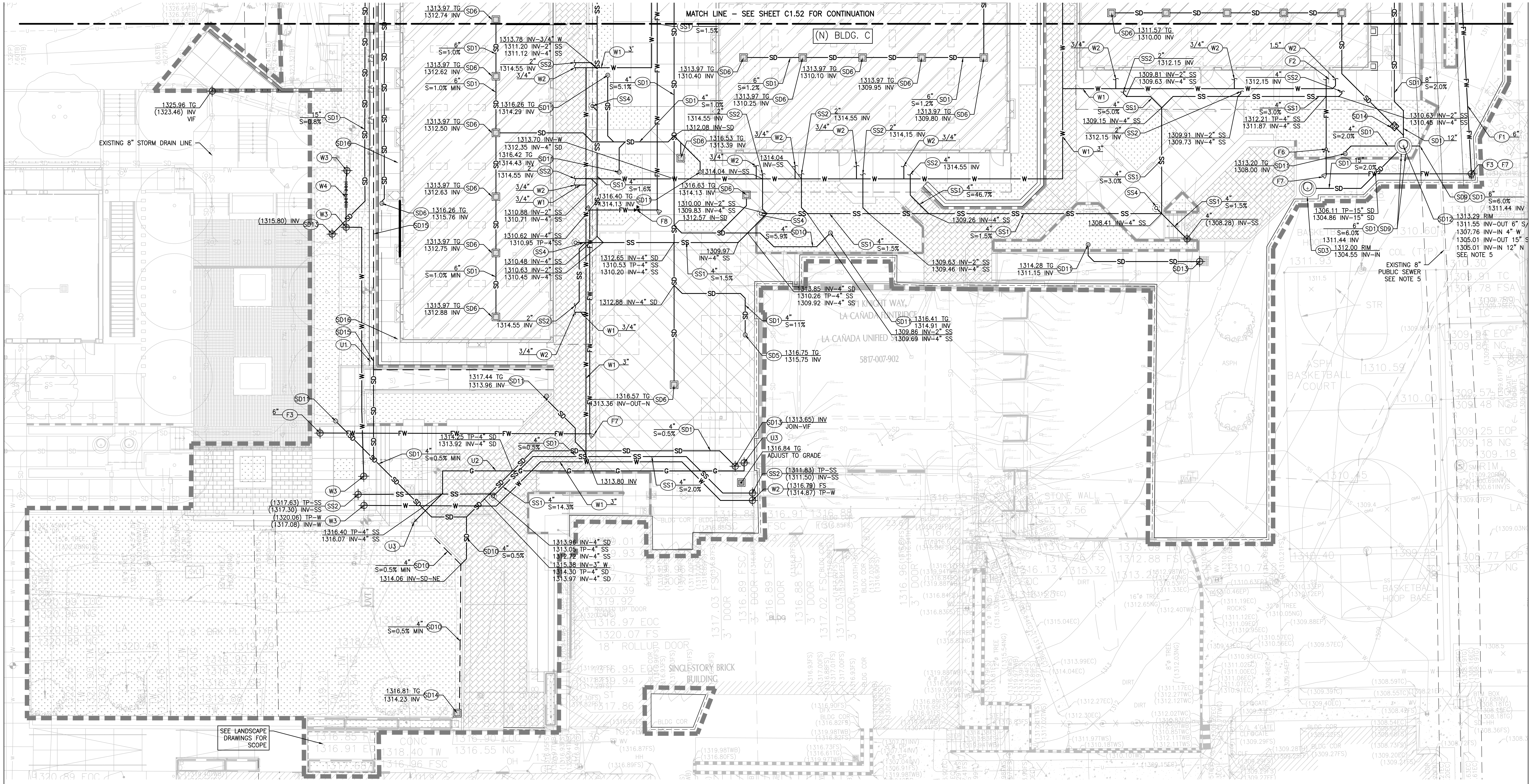


UTILITY CONSTRUCTION NOTES:

STORM DRAIN

SD1	PVC SDR–35 STORM DRAIN PIPE PER DETAIL 5, SHEET 5C5.00. SIZE AND SLOPE PER PLAN.
SD2	POINT OF CONNECTION WITH BUILDING LATERAL PIPE. SEE PLUMBING DRAWINGS FOR CONTINUATION.
SD3	MAXWELL IV DRYWELL. PER DETAIL 8, SHEET 5C5.02.
SD4	CONTECH CDS PRETREATMENT UNIT. PER DETAIL 1, SHEET 5C5.03
SD5	AREA DRAIN PER DETAIL 6, SHEET 5C5.00.
SD6	JENSEN 12"X12" PRECAST CATCH BASIN.
SD7	CLEANOUT PER DETAIL 8, SHEET 5C5.00.
SD8	ACO K100 PRECAST HEAVY DUTY TRENCH DRAIN OR APPROVED EQUIVALENT.
SD9	STORM DRAIN OVERFLOW OUTLET.
SD10	TURF AREA PERFORATED PIPE PER DETAIL 10, SHEET 5C5.01.
SD11	PLANTER DRAIN PER DETAIL 9, SHEET 5C5.01.
SD12	CONTECH CDS PRETREATMENT UNIT, PER DETAIL 4, SHEET 5C5.03.
SD13	CONNECT TO EXISTING STORM DRAIN. VERIFY INVERT IN FIELD.
SD14	BACK WATER VALVE & BOX.
SD15	PERFORATED PIPE PER DETAIL 7, SHEET 5C5.02 AND THE GEOTECHNICAL REPORT BLDG C D E & F FOR MORE DETAILS.
SD16	ABOVEGROUND DOWNSPOUT TO SPILL TO GRADE. SEE PLUMBING FOR CONTINUATION.

SANITARY SEWER

SS1	PVC SDR–35 SANITARY SEWER PIPE PER DETAIL 5, SHEET 5C5.00. SIZE AND SLOPE PER PLAN.
SS2	POINT OF CONNECTION WITH BUILDING LATERAL PIPE. SEE PLUMBING DRAWINGS AND AMS POINT OF CONNECTION PLAN FOR CONTINUATION.
SS3	CONNECT TO EXISTING CAMPUS SEWER LINE. CONTRACTOR TO VERIFY POINT OF CONNECTION INVERT ELEVATION IN FIELD.
SS4	CLEANOUT PER DETAIL 8, SHEET 5C5.00.
SS5	RELOCATE EXISTING PUBLIC SEWER LINE.
SS6	PIPE ENCASEMENT PER DETAIL 3, SHEET 5C5.03.

DOMESTIC WATER

W1	PVC SCHEDULE 40 DOMESTIC WATER PIPE PER DETAIL 5, SHEET 5C5.00. SIZE PER PLAN.
W2	POINT OF CONNECTION WITH BUILDING LATERAL PIPE. SEE PLUMBING DRAWINGS AND AMS POINT OF CONNECTION PLAN FOR CONTINUATION.
W3	CONNECT TO EXISTING CAMPUS WATER LINE.
W4	RELOCATED BACKFLOW PREVENTOR.

FIRE WATER

F1	PVC C–900 FIRE WATER PIPE PER DETAIL 5, SHEET 5C5.00. SIZE AND MATERIAL PER PLAN.
F2	POINT OF CONNECTION TO FIRE RISER. SITE CONTRACTOR TO ROUTE FROM SITE POC TO FIRE RISER.
F3	CONNECT TO EXISTING SITE FIRE WATER LINE.
F4	GATE VALVE IN VALVE BOX PER DETAIL 2, SHEET 5C5.03.
F5	FIRE HYDRANT. INSTALLATION BY VALLEY WATER COMPANY. SHOWN FOR COORDINATION PURPOSES ONLY. SEE DETAIL 7, SHEET 5C5.00.
F6	FIRE DEPARTMENT CONNECTION PER DETAIL 6, SHEET 5C5.01.
F7	THRUST BLOCK PER DETAIL 7, SHEET 5C5.01 OR SELF RESTRAINING MECHANICAL JOINT.
F8	POST INDICATOR VALVE PER DETAIL 1, SHEET 5C5.01.
F9	NOT USED.

OTHER UTILITIES

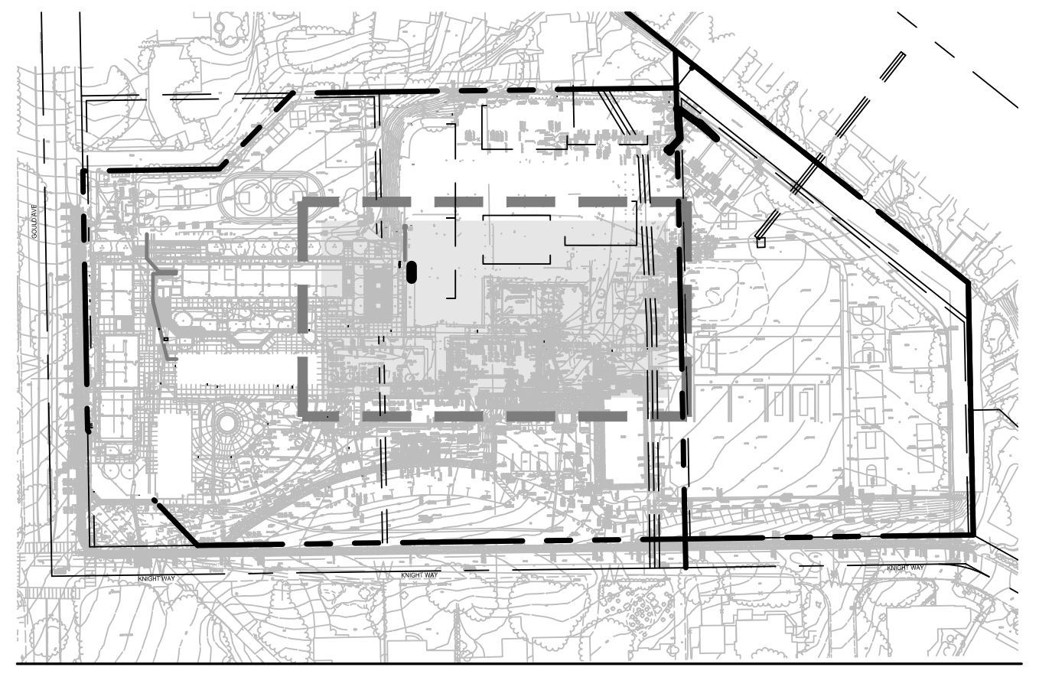
U1	ELECTRICAL CONDUIT. SEE ELECTRICAL DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.
U2	GAS LINE. MATCH EXISTING SIZE AND MATERIAL. PIPE TO MAINTAIN MINIMUM 24" COVER. SHOWN FOR COORDINATION PURPOSES ONLY.
U3	GAS LINE POINT OF CONNECTION TO THE EXISTING CAMPUS GAS LINE. VERIFY INVERT IN THE FIELD.
U4	ELECTRICAL CONDUIT POINT OF CONNECTION TO EXISTING CAMPUS ELECTRICAL LINE. SEE ELECTRICAL DRAWINGS FOR DETAILS AND SPECIFICATIONS. VERIFY INVERT IN FIELD.

LEGEND:

▬ ▬ ▬ ▬	LIMIT OF WORK
— – – —	PROPERTY LINE
▬▭▬▭▬	SEE STRUCTURAL DRAWINGS FOR DETAILS. SEE DETAIL 7, SHEET 5C5.02 AND THE GEOTECHNICAL REPORT BLDG C D E & F FOR MORE DETAILS.
—SS—	SANITARY SEWER
—W—	WATER
—DW—	DOMESTIC WATER
—FW—	FIRE WATER
—SD—	STORM DRAIN
—G—	GAS
—E—	ELECTRIC
—T—	TELEPHONE
- - - -	PERFORATED PIPE
⊕	POINT OF CONNECTION
—ʃ	COORDINATION POINT
—]	CAP OR PLUG
◎	UTILITY MANHOLE
⊙	UTILITY CLEANOUT
▥	STORM DRAIN INLET
⊕	AREA DRAIN/PLANTER DRAIN
▭	TRENCH DRAIN
⊙	FIRE HYDRANT
◁	THRUST BLOCK
⚲	FIRE DEPARTMENT CONNECTION (FDC)
⧓	POST INDICATOR VALVE (PIV)
⊗	WATER VALVE
⊷	BACKFLOW ASSEMBLY
▨	UTILITY METER VAULT

NOTE:

1. IRRIGATION WATER METER, LINES AND APPURTENANCES BY OTHERS.
2. ALL BMP'S PROPOSED AS A PART OF THIS PROJECT ARE TO BE INSPECTED BY THE ENGINEER OF RECORD AFTER INSTALLATION AND PRIOR TO OBTAINING A CERTIFICATE OF OCCUPANCY.
3. PRIOR TO THE INSTALLATION OF ALL WATER, STORM DRAIN AND SEWER MAIN LINE CONNECTIONS, THE CONTRACTOR SHALL POTHOLE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE MAIN LINE. IF CONDITIONS DIFFER FROM THOSE ON THE PLAN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITION HAS BEEN EVALUATED.
4. 12" WATER LINE IDENTIFIED BY CONTRACTOR TO BE PROTECTED IN PLACE AND COVERAGE TO BE MAINTAINED.
5. THE CONTRACTOR SHALL EXERCISE CAUTION DURING THE INSTALLATION OF THE CDS UNIT DUE TO THE PROXIMITY OF AN EXISTING SEWER LINE. THE EXISTING SEWER LINE SHALL REMAIN UNDISTURBED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF THE SEWER LINE PRIOR TO EXCAVATION AND SHALL TAKE ALL NECESSARY PRECATUIONS TO AVOID DAMAGE OR DISTURBANCE TO THE EXISTING UTILITY. ANY CONFLICTS OR CONCERNS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING WITH WORK IN THIS AREA.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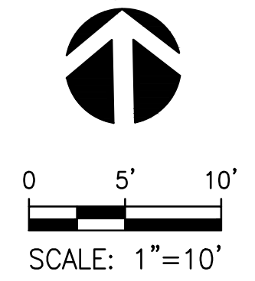

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DRAWING TITLE

UTILITY PLAN

5C1.51

SCALE: AS INDICATED

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