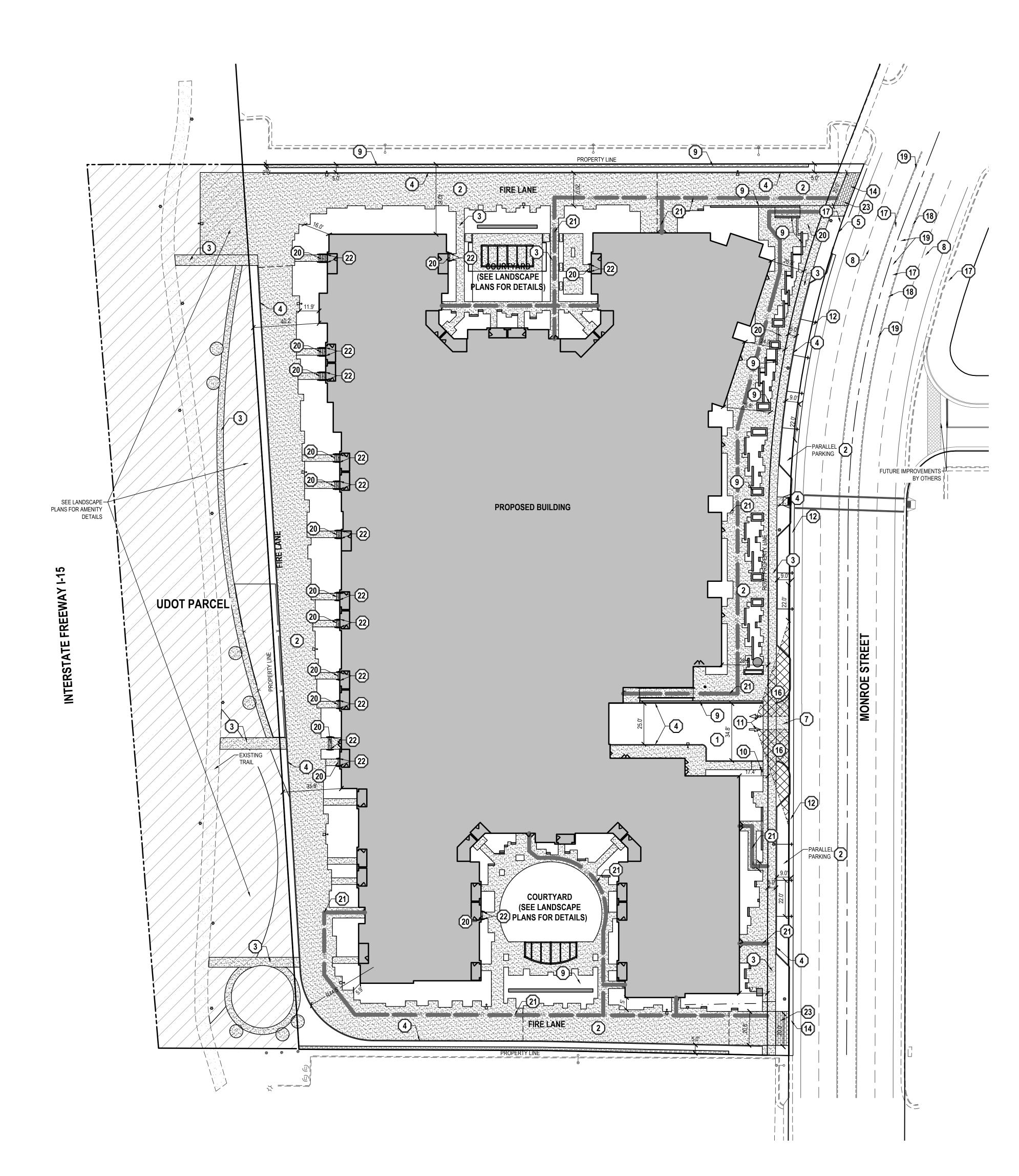


BENCHMARK

SOUTHEAST CORNER OF SECTION 12, TOWNSHIP 3 SOUTH, RANGE 1 WEST SALT LAKE BASE AND MERIDIAN

ELEV = 4443.33'



GENERAL NOTES

- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- 3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS THROUGHOUT SITE.
- 4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
- 5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
- 6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT.
- 7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC.
- 8. ALL PARKING STALL AND DRIVE LANE DIMENSIONS ARE TO FACE OF CURB, WHERE APPLICABLE.

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- ASPHALT PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 6/C-600.
- 7" THICK CONCRETE PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 7/C-600.
- (3) 4" THICK CONCRETE SIDEWALK PER SANDY CITY STANDARD DETAIL SW-03.
- 6" X 12" CONCRETE CURB WALL PER SANDY CITY STANDARD DETAIL CG-01.
- PEDESTRIAN ACCESS RAMP WITH DETECTABLE WARNING SURFACE PER SANDY CITY STANDARD DETAIL SW-01.
- 6 DRIVEWAY APPROACH PER SANDY CITY STANDARD DETAIL DA-05.
- 7 DRIVEWAY APPROACH PER SANDY CITY STANDARD DETAIL DA-03.
- 8 WHITE CROSSWALK MARKING PER M.U.T.C.D. STANDARD PLANS
- (9) LANDSCAPE WALL PER SANDY CITY STANDARD DETAIL WA-02. SEE GRADING PLAN FOR DETAILS.
- "STOP" SIGN PER M.U.T.C.D. STANDARD PLANS AND SANDY CITY STANDARD DETAILSN-01.
- PAINTED LANE-USE ARROWS PER M.U.T.C.D. STANDARD PLANS.
- 4' WATERWAY PER SANDY CITY STANDARD DETAIL CG-03.
- 30" CONCRETE STANDARD CURB & GUTTER PER SANDY CITY STANDARD DETAIL CG-01.
- 30" CONCRETE MODIFIED CURB & GUTTER PER SANDY CITY STANDARD DETAIL CG-01.
- CONCRETE PAD FOR ELECTRICAL EQUIPMENT. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 20' X 60' CLEAR-VIEW TRIANGLE. NO OBSTACLES (INCLUDING VEGETATION) OVER THREE FEET HIGH, AS MEASURED FROM TOP BACK OF CURB, ARE ALLOWED WITHIN THE TRIANGLE.
- PEDESTRIAN CROSSWALK SIGN PER M.U.T.C.D. STANDARD PLANS.
- 6" TYPE "R" CURB PER APWA STANDARD PLAN NO. 209.
- 19 PLOWABLE END SECTION PER DETAIL 1/C-601.
- STAIRS PER DETAIL 11/C-600.

PEDESTRIAN HARDSCAP

LANDSCAPING

TOTAL SITE

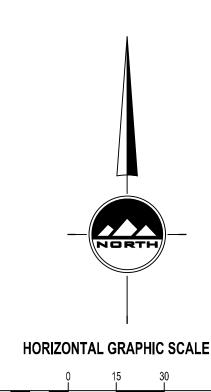
32,522

167,291 3.84 ACRES

19%

- 21) ACCESSIBLE ACCESS ROUTE.
- CHEEK WALL AND HANDRAIL PER DETAIL 10/C-600.
- 33 SEE LANDSCAPE PLANS FOR PARK STRIP PATTERN AND FINISH.

	PROJECT AREA				UNIT BREAKDOWN				
	TOTAL UNITS	TAL UNITS		221	NAME		TYPE	COUNT	PARKING
	DENSITY (DU/AC)	· ,		57.6		S1	0=11=10	2	3
	OFFICE (S.F.)			4,500		S2	STUDIO	8	12
	COMMERCIAL (S.F.) RETAIL (S.F.)			9,700		A1		93	139.5
			6,200		A2		28	42	
	SITE AREA (AC)	SITE AREA (AC) UDOT PARCEL AREA (AC)		3.84		A3	1 BED	1	1.5
	UDOT PARCEL AR			1.11		A4		1	1.5
	TYPE OF CONSTRUCTION			I-A & III-A		A5		1	1.5
	PARKING DATA TABL)]	B1		38	76
				E		B2	2 BED	14	28
	GARAGE PARALLEL PARKING TOTAL STALLS		393		В3	17		34	
			12		B4		1	2	
			405		TH-1		1	1.5	
				ì	TH-2	1 BED	1	1.5	
	SITE SUMMARY TABLE				TH-3		11	16.5	
DESCRIPT	SCRIPTION AREA (SF) PE		PER	RCENTAGE		TH-4	2 BED	2	4
	DING / ROADS /			67%		TH-5		1	2.5
DRIVEWA'	Y HARDSCAPE	, -		TH-6		3 BED	1	2.5	
LANDSCA	PE OPEN SPACE	55,568		33%		TOTALS		221	369.5



(IN FEET) HORZ: 1 inch = 30 ft.

NOTE: SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL UNIT INFORMATION



SALT LAKE CITY 45 W. 10000 S., Suite 500 Sandy, UT 84070 Phone: 801.255.0529

LAYTON Phone: 801.547.1100

TOOELE Phone: 435.843.3590 CEDAR CITY Phone: 435.865.1453 RICHFIELD Phone: 435.896.2983

WWW.ENSIGNENG.COM

GARDNER COMPANY 201 SOUTH MAIN, SUITE 2000

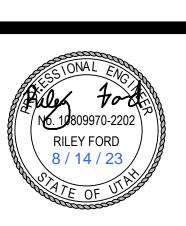
SALT LAKE CITY, UTAH 84111

JOHN BANKHEAD PHONE: (801) 750-4170

S MIXED

10300 SOUTH

SANDY,



SITE PLAN

PRINT DATE 8/14/23 CHECKED BY

J. FORD J. FORD PROJECT MANAGER

J. FORD

C-200

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY Call before you dig.

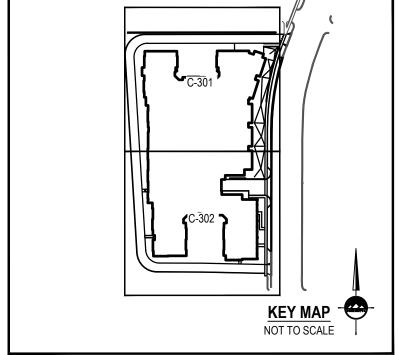
PROPOSED BUILDING

FF=4413.50

SOUTHEAST CORNER OF SECTION 12, TOWNSHIP 3 SOUTH, RANGE 1 WEST

BENCHMARK

SALT LAKE BASE AND MERIDIAN ELEV = 4443.33'



SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

ORIFICE PLATE PER DETAIL 5/C-600 INSTALLED ON WEST SIDE OF STORM DRAIN BOX.

2 INSTALL (43) MC-3500 STORM DRAIN STORAGE CHAMBERS TOP OF GRAVEL= 4409.28 TOP OF CHAMBERS= 4408.28

BOTTOM OF CHAMBERS= 4404.53 BOTTOM OF GRAVEL= 4393.78 STORAGE REQUIRED= 8,400 CF STORAGE PROVIDED= 8,625 CF

4 LID BIOSWALE PER DETAIL 9/C-600.

ROOF DRAIN SEE MECHANICAL PLANS FOR CONTINUATION.

5 INSTALL STORM DRAIN SINGLE CURB INLET BOX PER SANDY CITY STANDARD DRAWING SD-02.

6 INSTALL STORM DRAIN COMBO BOX PER SANDY CITY STANDARD DRAWING SD-04. 7 INSTALL 3' X 3' STORM DRAIN WITH GRATE PER SANDY CITY STANDARD DRAWING SD-05.

8 INSTALL STORM DRAIN JUNCTION BOX PER SANDY CITY STANDARD DRAWING SD-05.

GENERAL NOTES

1. ALL WORK TO COMPLY WITH THE SANDY CITY'S STANDARDS AND SPECIFICATIONS.

2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.

3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.

4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.

5. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY. XX.XX REPRESENTS AN ELEVATION OF 48XX.XX ON

6. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR

7. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.

8. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.

9. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER SANDY CITY STANDARD PLANS AND

10. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.

11. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE

12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER SANDY CITY'S STANDARDS AND SPECIFICATIONS.

13. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.

14. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC.

UNLESS OTHERWISE NOTED ON THESE PLANS.

15. OBTAIN A PERMIT FROM THE SANDY CITY BUILDING DIVISION (801-568-7251) PRIOR TO CONSTRUCTING ANY RETAINING WALL THAT WILL BE 4.0 FEET HIGH OR HIGHER (FROM BOTTOM OF WALL FOOTING TO TOP OF

16. A PROFESSIONAL ENGINEER, CURRENTLY LICENSED IN UTAH, SHALL INSPECT DURING CONSTRUCTION, AND APPROVE AFTER CONSTRUCTION, ANY RETAINING WALLS THAT ARE 4.0 FEET HIGH OR HIGHER, FROM TOP OF WALL TO BOTTOM OF FOOTING. SAID ENGINEER SHALL SUBMIT A LETTER, STAMPED, WITH THE STAMP SIGNED AND DATED, AND INDICATING THAT THE WALL WAS INSTALLED ACCORDING TO THE APPROVED DESIGN, TO

17. ALL IMPROVEMENTS WITHIN THE UTAH DEPARTMENT OF TRANSPORTATION (UDOT) RIGHT-OF-WAY/PROPERTY SHALL BE CONSTRUCTED AS REQUIRED BY UDOT REGION TWO.

18. BUILDER/OWNER SHALL OBTAIN AN EXCAVATION PERMIT FROM UTAH DEPARTMENT OF TRANSPORTATION (UDOT) REGION TWO PRIOR TO DOING ANY WORK WITHIN THE UDOT RIGHT-OF-WAY/PROPERTY.

THE SANDY CITY ENGINEER, PRIOR TO RELEASE OF THE GUARANTEE FOR IMPROVEMENTS.

19. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION, ADDENDUMS, AND SPECIAL PROVISIONS THERETO AND AS DIRECTED BY THE CITY ENGINEER, OR HIS AUTHORIZED REPRESENTATIVE. THE CURRENT EDITION IS AVAILABLE ONLINE AT: HTTP://SANDY.UTAH.GOV/GOVERNMENT/PUBLIC-WORKS/STANDARD-SPECIFICATIONS.HTML

20. CONCRETE SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTIONS 03000 AND 03300.

21. REINFORCING STEEL SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 03200.

22. PRECAST MANHOLES AND STRUCTURES SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 03400. COMBO AND JUNCTION BOXES SHALL BE CAST-IN-PLACE UNLESS SPECIFIED AND/OR APPROVED BY THE CITY

23. BACKFILL SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 02240.

24. COMPACTION SHALL BE 96% PER SPECIFICATIONS IN SECTION 02240.

25. PIPE SIZE, ELEVATION, AND LOCATION SHALL BE SHOWN ON APPROVED CONSTRUCTION DRAWINGS.

26. MANHOLE RING AND COVER SHALL BE D&L SUPPLY MODEL A-1180 OR APPROVED EQUAL.

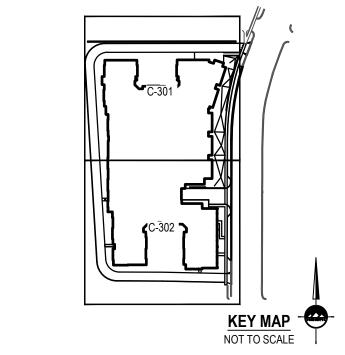
27. INLET FRAME, GRATE, AND HOOD SHALL BE D&L SUPPLY MODEL I-3517 (FOR SLOPES LESS THAN 2%) OR MODEL I-3518 (FOR SLOPES GREATER THAN 2%) OR APPROVED EQUAL.

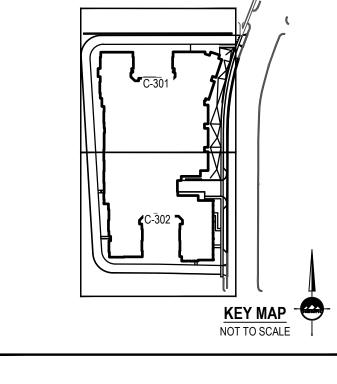
28. THROAT OPENING HEIGHT OF CURB INLET SHALL BE A MIN. OF 4"

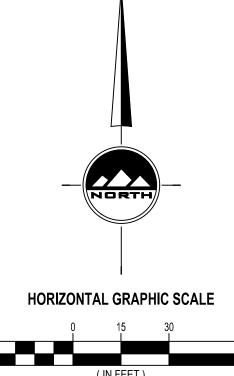
29. WHEN A CURB INLET BOX IS INSTALLED IN A LOCATION WITH EXISTING CURB AND GUTTER, THE CURB AND GUTTER SHALL BE REPLACED TO THE NEXT JOINT OR AS DIRECTED BY THE CITY REPRESENTATIVE.

30. REBAR SPLICE FOR CAST-IN-PLACE STRUCTURES SHALL BE MIN. 40 DIAMETERS.

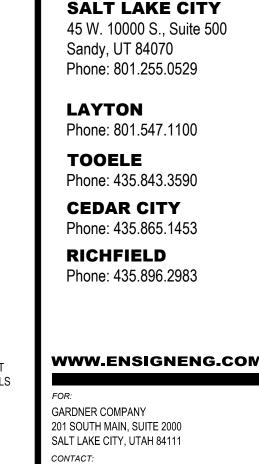
31. PIPE TO STRUCTURE COLLAR (SEE SHEET SD-06) SHALL BE INSTALLED FOR ALL PIPE TO STRUCTURE CONNECTIONS FOR CURB INLET BOXES, COMBO BOXES, AND JUNCTION BOXES.







HORZ: 1 inch = 30 ft.



THE STANDARD IN ENGINEERING

PHONE: (801) 750-4170

JOHN BANKHEAD

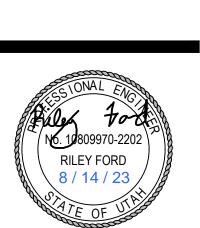
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0300



GRADING AND DRAINAGE

J. FORD PROJECT MANAGER

J. FORD



ELEV = 4443.33'

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY Call before you dig. CONSTRUCTION.

BENCHMARK

SOUTHEAST CORNER OF SECTION 12, TOWNSHIP 3 SOUTH, RANGE 1 WEST SALT LAKE BASE AND MERIDIAN

GENERAL NOTES

ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.

ALL WORK TO COMPLY WITH THE SANDY CITY'S STANDARDS AND SPECIFICATIONS.

- ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
- 4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
- ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY. XX.XX REPRESENTS AN ELEVATION OF 48XX.XX ON
- LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR
- 7. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
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- ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER SANDY CITY STANDARD PLANS AND SPECIFICATIONS.
- 10. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
- 11. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE
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- 17. ALL IMPROVEMENTS WITHIN THE UTAH DEPARTMENT OF TRANSPORTATION (UDOT) RIGHT-OF-WAY/PROPERTY
- 18. BUILDER/OWNER SHALL OBTAIN AN EXCAVATION PERMIT FROM UTAH DEPARTMENT OF TRANSPORTATION

SHALL BE CONSTRUCTED AS REQUIRED BY UDOT REGION TWO.

19. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION, ADDENDUMS, AND

(UDOT) REGION TWO PRIOR TO DOING ANY WORK WITHIN THE UDOT RIGHT-OF-WAY/PROPERTY.

- 20. CONCRETE SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTIONS 03000 AND 03300.
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- 24. COMPACTION SHALL BE 96% PER SPECIFICATIONS IN SECTION 02240.
- 25. PIPE SIZE, ELEVATION, AND LOCATION SHALL BE SHOWN ON APPROVED CONSTRUCTION DRAWINGS.
- 26. MANHOLE RING AND COVER SHALL BE D&L SUPPLY MODEL A-1180 OR APPROVED EQUAL.
- 27. INLET FRAME, GRATE, AND HOOD SHALL BE D&L SUPPLY MODEL I-3517 (FOR SLOPES LESS THAN 2%) OR MODEL I-3518 (FOR SLOPES GREATER THAN 2%) OR APPROVED EQUAL.
- 28. THROAT OPENING HEIGHT OF CURB INLET SHALL BE A MIN. OF 4"
- 29. WHEN A CURB INLET BOX IS INSTALLED IN A LOCATION WITH EXISTING CURB AND GUTTER, THE CURB AND GUTTER SHALL BE REPLACED TO THE NEXT JOINT OR AS DIRECTED BY THE CITY REPRESENTATIVE.

TOP OF GRAVEL= 4409.28 TOP OF CHAMBERS= 4408.28 BOTTOM OF CHAMBERS= 4404.53

4 LID BIOSWALE PER DETAIL 9/C-600.

(6) INSTALL STORM DRAIN COMBO BOX PER SANDY CITY STANDARD DRAWING SD-04.

SCOPE OF WORK:

DETAILS NOTED. AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

(2) INSTALL (43) MC-3500 STORM DRAIN STORAGE CHAMBERS

BOTTOM OF GRAVEL= 4393.78 STORAGE REQUIRED= 8,400 CF STORAGE PROVIDED= 8,625 CF

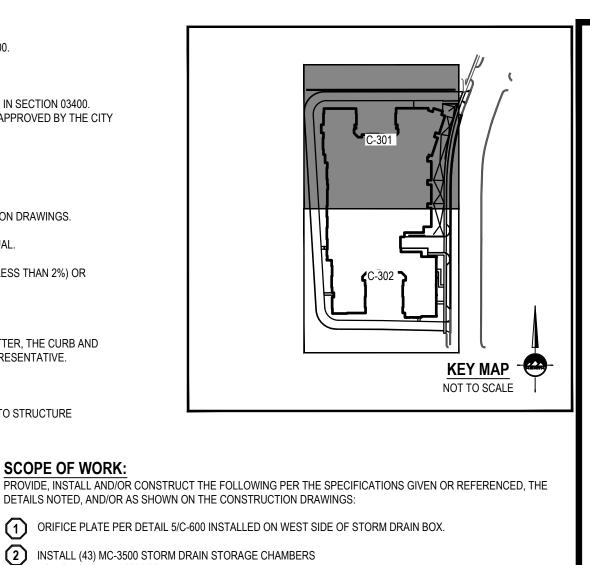
ROOF DRAIN SEE MECHANICAL PLANS FOR CONTINUATION

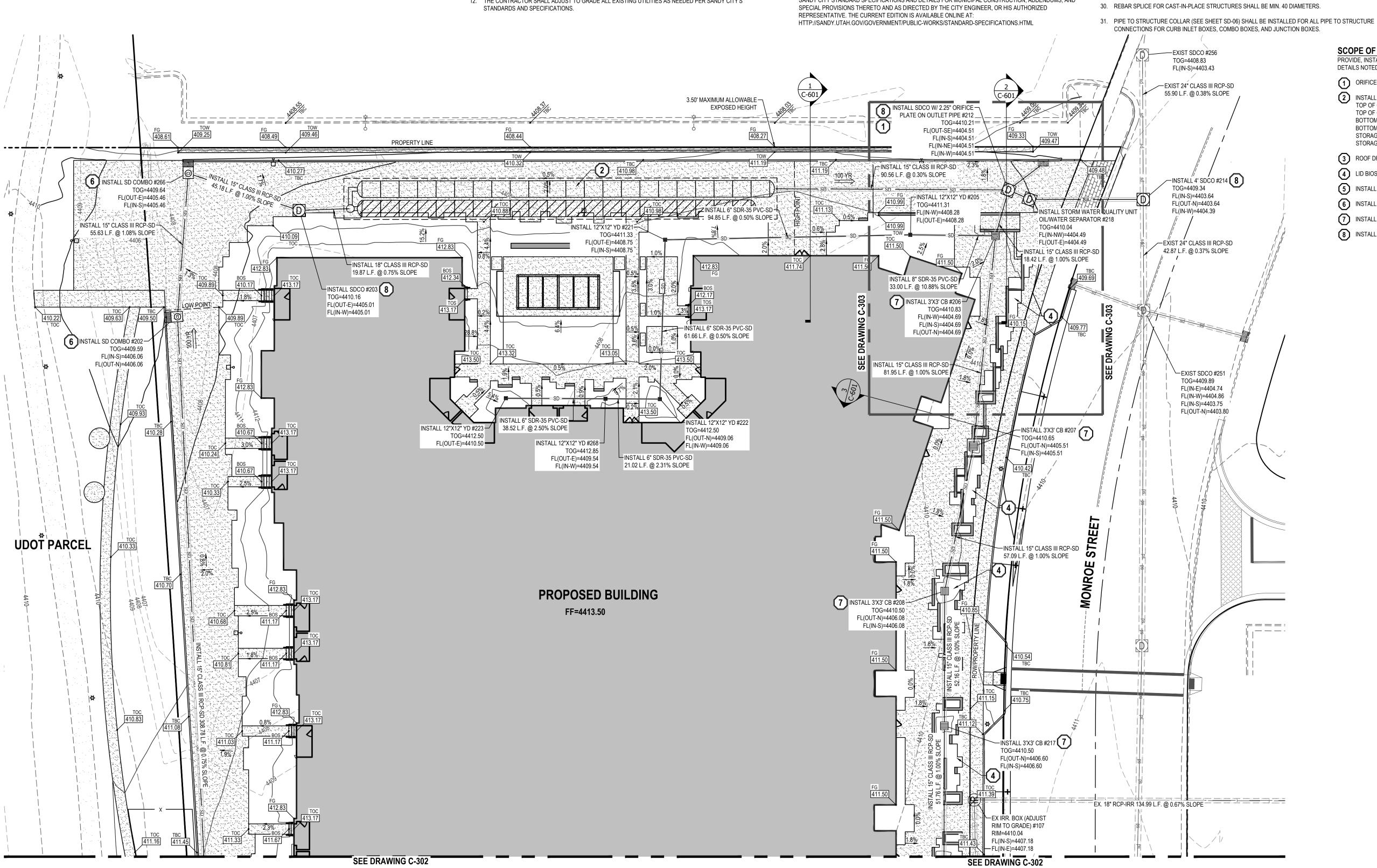
(5) INSTALL STORM DRAIN SINGLE CURB INLET BOX PER SANDY CITY STANDARD DRAWING SD-02.

(7) INSTALL 3' X 3' STORM DRAIN WITH GRATE PER SANDY CITY STANDARD DRAWING SD-05.

8 INSTALL STORM DRAIN JUNCTION BOX PER SANDY CITY STANDARD DRAWING SD-05.

HORIZONTAL GRAPHIC SCALE HORZ: 1 inch = 20 ft.





SALT LAKE CITY 45 W. 10000 S., Suite 500 Sandy, UT 84070 Phone: 801.255.0529 **LAYTON** Phone: 801.547.1100

TOOELE Phone: 435.843.3590 **CEDAR CITY**

Phone: 435.865.1453 **RICHFIELD** Phone: 435.896.2983

WWW.ENSIGNENG.COM

GARDNER COMPANY 201 SOUTH MAIN, SUITE 2000 SALT LAKE CITY, UTAH 84111

JOHN BANKHEAD PHONE: (801) 750-4170

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SANDY

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10300

GRADING AND DRAINAGE

PRINT DATE 8/14/23 J. FORD J. FORD PROJECT MANAGER
J. FORD

C-301



ELEV = 4443.33'

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY Call before you dig.

BENCHMARK

SOUTHEAST CORNER OF SECTION 12, TOWNSHIP 3 SOUTH, RANGE 1 WEST SALT LAKE BASE AND MERIDIAN

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GENERAL NOTES

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ALL WORK TO COMPLY WITH THE SANDY CITY'S STANDARDS AND SPECIFICATIONS.

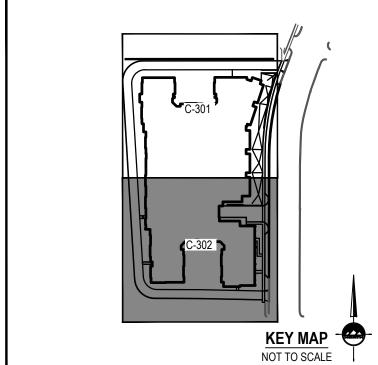
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- LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR
- 7. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
- 8. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
- ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER SANDY CITY STANDARD PLANS AND SPECIFICATIONS.
- 10. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
- 11. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE
- 12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER SANDY CITY'S STANDARDS AND SPECIFICATIONS.

- 13. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
- 14. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.
- OBTAIN A PERMIT FROM THE SANDY CITY BUILDING DIVISION (801-568-7251) PRIOR TO CONSTRUCTING ANY RETAINING WALL THAT WILL BE 4.0 FEET HIGH OR HIGHER (FROM BOTTOM OF WALL FOOTING TO TOP OF
- 16. A PROFESSIONAL ENGINEER, CURRENTLY LICENSED IN UTAH, SHALL INSPECT DURING CONSTRUCTION, AND APPROVE AFTER CONSTRUCTION, ANY RETAINING WALLS THAT ARE 4.0 FEET HIGH OR HIGHER, FROM TOP OF WALL TO BOTTOM OF FOOTING. SAID ENGINEER SHALL SUBMIT A LETTER, STAMPED, WITH THE STAMP SIGNED AND DATED, AND INDICATING THAT THE WALL WAS INSTALLED ACCORDING TO THE APPROVED DESIGN, TO THE SANDY CITY ENGINEER, PRIOR TO RELEASE OF THE GUARANTEE FOR IMPROVEMENTS.
- 17. ALL IMPROVEMENTS WITHIN THE UTAH DEPARTMENT OF TRANSPORTATION (UDOT) RIGHT-OF-WAY/PROPERTY SHALL BE CONSTRUCTED AS REQUIRED BY UDOT REGION TWO.
- 18. BUILDER/OWNER SHALL OBTAIN AN EXCAVATION PERMIT FROM UTAH DEPARTMENT OF TRANSPORTATION (UDOT) REGION TWO PRIOR TO DOING ANY WORK WITHIN THE UDOT RIGHT-OF-WAY/PROPERTY.
- 19. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION, ADDENDUMS, AND SPECIAL PROVISIONS THERETO AND AS DIRECTED BY THE CITY ENGINEER, OR HIS AUTHORIZED
- REPRESENTATIVE. THE CURRENT EDITION IS AVAILABLE ONLINE AT: HTTP://SANDY.UTAH.GOV/GOVERNMENT/PUBLIC-WORKS/STANDARD-SPECIFICATIONS.HTML

- 20. CONCRETE SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTIONS 03000 AND 03300.
- 21. REINFORCING STEEL SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 03200.
- 22. PRECAST MANHOLES AND STRUCTURES SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 03400. COMBO AND JUNCTION BOXES SHALL BE CAST-IN-PLACE UNLESS SPECIFIED AND/OR APPROVED BY THE CITY
 - 23. BACKFILL SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 02240.
- 24. COMPACTION SHALL BE 96% PER SPECIFICATIONS IN SECTION 02240.
- 25. PIPE SIZE, ELEVATION, AND LOCATION SHALL BE SHOWN ON APPROVED CONSTRUCTION DRAWINGS.
- 26. MANHOLE RING AND COVER SHALL BE D&L SUPPLY MODEL A-1180 OR APPROVED EQUAL.
- 27. INLET FRAME, GRATE, AND HOOD SHALL BE D&L SUPPLY MODEL I-3517 (FOR SLOPES LESS THAN 2%) OR MODEL I-3518 (FOR SLOPES GREATER THAN 2%) OR APPROVED EQUAL.
- 28. THROAT OPENING HEIGHT OF CURB INLET SHALL BE A MIN. OF 4"

SEE DRAWING C-301

- 29. WHEN A CURB INLET BOX IS INSTALLED IN A LOCATION WITH EXISTING CURB AND GUTTER, THE CURB AND GUTTER SHALL BE REPLACED TO THE NEXT JOINT OR AS DIRECTED BY THE CITY REPRESENTATIVE.
- 30. REBAR SPLICE FOR CAST-IN-PLACE STRUCTURES SHALL BE MIN. 40 DIAMETERS.
- 31. PIPE TO STRUCTURE COLLAR (SEE SHEET SD-06) SHALL BE INSTALLED FOR ALL PIPE TO STRUCTURE CONNECTIONS FOR CURB INLET BOXES, COMBO BOXES, AND JUNCTION BOXES.



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MIXED

SHUI

SANDY

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SOUTH

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SAN

(6) INSTALL STORM DRAIN COMBO BOX PER SANDY CITY STANDARD DRAWING SD-04.

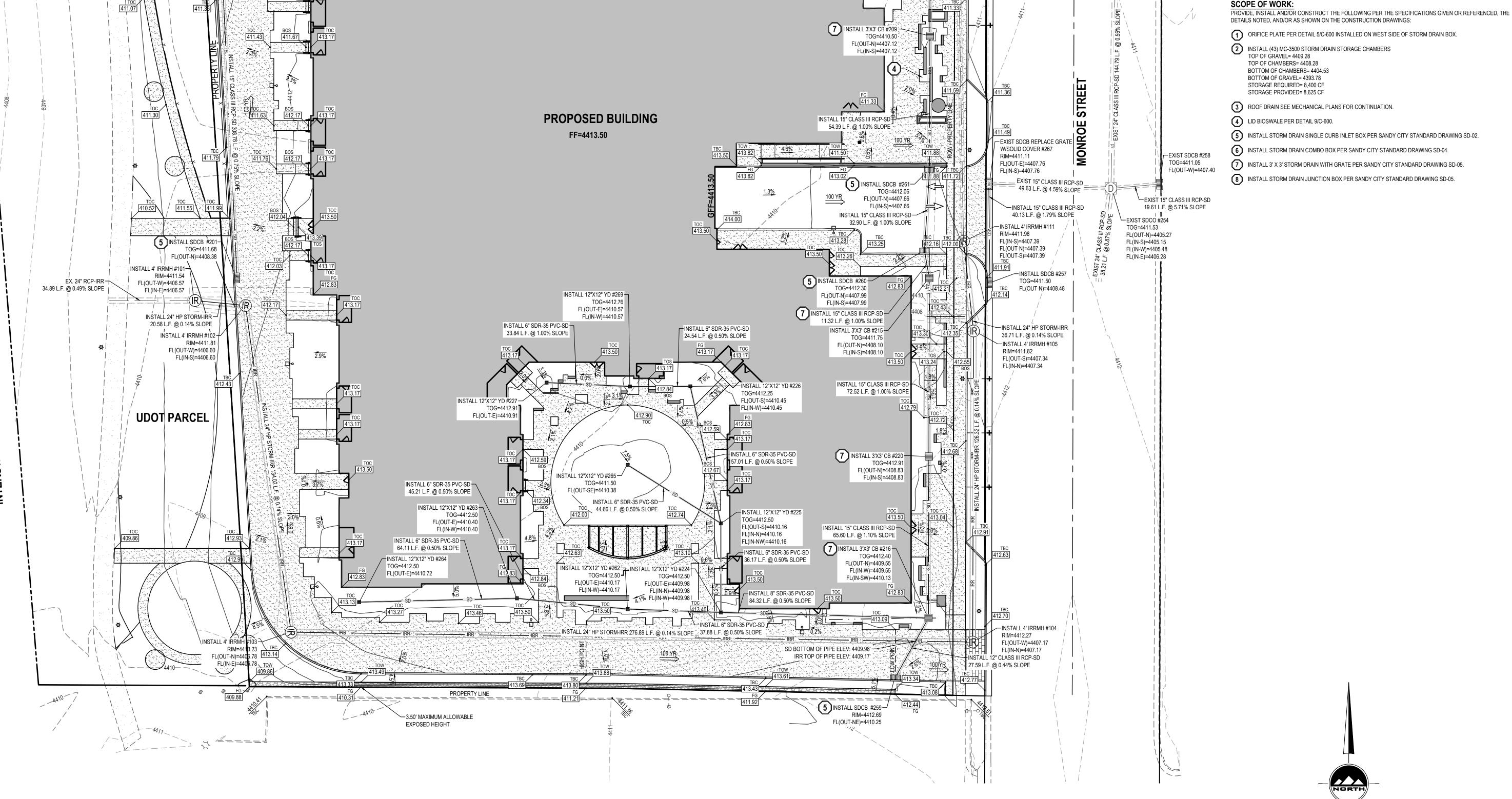
SALT LAKE CITY, UTAH 84111 CONTACT:

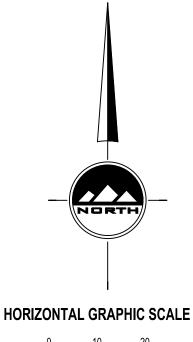
ROOF DRAIN SEE MECHANICAL PLANS FOR CONTINUATION.

4 LID BIOSWALE PER DETAIL 9/C-600.

(5) INSTALL STORM DRAIN SINGLE CURB INLET BOX PER SANDY CITY STANDARD DRAWING SD-02.

(8) INSTALL STORM DRAIN JUNCTION BOX PER SANDY CITY STANDARD DRAWING SD-05.





HORZ: 1 inch = 20 ft.

J. FORD PROJECT MANAGER J. FORD

GRADING AND DRAINAGE

7651B 8/14/23 J. FORD

C-302

LANDSCAPE	CALCULATIONS - only private property	
	DESCRIPTION	TOTAL
	TOTAL AREA OF PRIVATE PROPERTY	167,291 SF
	SQ FT OF TOTAL PRIVATE LANDSCAPE AREA AND PEDESTRIAN HARDSCAPE (SITE AREA NOT ENCUMBERED BY BUILDINGS, ROADS, OR DRIVEWAYS) - 33% MINIMUM AREA COVERAGE OF NON-HARDSCAPE AREAS	55,568 SF
	PERCENTAGE OF TOTAL PRIVATE LANDSCAPE AREA AND PEDESTRIAN HARDSCAPE	33.2%
	TOTAL AREA OF PEDESTRIAN HARDSCAPE	23,046 SF
	TOTAL AREA OF LANDSCAPE (TURF AND SHRUB BED AREAS)	32,522 SF

PERCENTAGE OF LANDSCAPE AREA IN TURF

DESCRIPTION	PROPOSED LANDSCAPE WITHIN PRIVATE PROPERTY	PROPOSED TREES WITHIN PRIVATE PROPERTY	REQ. TREES - 1 PER 400 SF LANDSCAPED AREA	DESCRIPTION	REQ. TREES WITHIN PRIVATE PROPERTY	PROPOSED TREES WITHIN PRIVATE PROPERTY	REQUIRED - (MIN. 40% EVERGREEN)
TREES - REQUIRED PER	32,522 SF	162	81	DECIDUOUS TREE	38	135	
400 SF *	32/322 3.	.02		EVERGREEN TREE	26	27	26
PER CAIRNS DIST	TRICT REQ 7.2			TOTAL	65	163	

	2	SITE LIGHTING - REFER TO CIVIL AND ELECT. PLANS	
	3	SIGN WITH 200 SF OF PAVERS	
8	4	STREET SIGN - REFER TO CIVIL PLANS	
	5	TURF AREAS - 6 INCH OF TOPSOIL	
	6	ART PIECE WITH 200 SF OF PAVERS	
	7	SCREEN WALL - 10'-0" HIGH	
	8	2" DEPTH OF BARK MULCH OVER 12" ROOF GARDEN SOIL MIX OR AS INDICATED ON THE DRAWINGS, TYP. REFER TO SHT. L-M501 DTL. F	2,059 sf
	9	SHADE STRUCTURE	
	10	POOL - REFER TO POOL ENGINEERS DWG.	
		3" DEPTH OF ROCK MULCH - 1" TO 3" ANGULAR - TAN COLOR - OVER WEED BARRIER FABRIC AND 12" AMENDED OF TOPSOIL MIX, TYP.	11,683 sf
+ + + + + + + + + + + + + + + + + + +	12	3" DEPTH OF BARK MULCH - OVER WEED BARRIER FABRIC AND 12" AMENDED OF TOPSOIL MIX, TYP.	20,516 sf
	13	RAISED PLANTER - CONCRETE, TYP.	
	14	20'x60' CLEAR-VIEW TRIANGLE. NO OBSTACLES, INCLUDING VEGETATION, OVER THREE FEET HIGH, AS MEASURED FROM TOP BACK OF CURB, ARE ALLOWED WITHIN THE TRIANGLE.	
	SYMBOL	FENCING & PIPING DESCRIPTION	QTY
	FP-01	DOG RUN FENCING - 4'-0" HIGH, TYP REFER TO SHT. L-L501 DTL. K	222 If
	FP-02	DOG RUN GATE - 4'-0" HIGH X 4'-0" WIDE , TYP REFER TO SHT. L-L501 DTL. K	
	FP-03	HANDRAIL, TYP.	
	<u>SYMBOL</u>	PAVING DESCRIPTION	<u>QTY</u>
	P-01	STANDARD CONCRETE - REFER TO CIVIL PLANS, TYP.	
	P-02	CONCRETE PAVING TYPE I - CHARCOAL WITH SANDBLAST FINISH - COORDINATE W/ CIVIL AND ARCH. PLANS, TYP.	
	P-03	CONCRETE PAVING TYPE 2 - STANDARD CONCRETE WITH SANDBLAST FINISH - COORDINATE W/ CIVIL AND ARCH. PLANS, TYP.	
	P-04	UNIT PAVERS TYPE 3 - COORDINATE W/ ARCH AND STRUCT. PLANS, TYP.	
	P-05	UNIT PAVERS TYPE 4 - COORDINATE W/ ARCH AND STRUCT. PLANS, TYP.	
V V V	P-06	ARTIFICIAL TURF SAFETY SURFACING - INSTALL PER MANUFACTURE'S SPECIFICATIONS. PROVIDE SAMPLE COLORS FOR APPROVAL-	981 sf
	P-07	CONCRETE MOW CURB - 12 INCH - REFER TO SHT. L-M501 DTL. D	
	P-08	ADA RAMP - REFER TO CIVIL PLANS	
	P-09	CURB AND / OR GUTTER - REFER TO CIVIL PLANS	
	SYMBOL	PLANTER DESCRIPTION	QTY
	PL-OI	PLANTER TYPE B - STONEYARD INC - BARRO P43-R2124 - 21" DIA X 24" H - FINISH AND COLOR TO BE APPROVED - ROOF GARDEN SOIL MIX, TYP.	5
	PL-02	ROOF PLANTER WITH ROOF GARDEN SOIL MIX, TYP.	4
	SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
	5-01	PICNIC TABLE, TYP.	—— 7
	5-02	SITE FURNISHINGS, TYP.	
	5-03	FIRE PIT	3
	5-04	BBQ GRILL STATION	
	S- <i>0</i> 5	CONCRETE SEAT WALL - 18" HIGH, TYP.	
	5-06	PLAY GROUND	
	5-07	BASKETBALL STANDARD AND COURT	
	5-08	BIKE RACK, TYP REFER TO SHT. L-L501 DTL. I	2
	5-09	TRASH RECEPTACLE, TYP REFER TO SHT. L-L501 DTL. J	5
(\circ)		* QUANTITY INFORMATION PROVIDED FOR REFERENCE ONLY. CONTRACTOR RESPONSIBLE TO	

REFERENCE NOTE SCHEDULE

SYMBOL

6.957 SF

21% OF LANDSCAPE

<u>DESCRIPTION</u>

FIRE HYDRANT - REFER TO CIVIL PLANS

CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COSTS INCURRED DUE TO DAMAGE OF SAID UTILITIES.

2. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.

- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH THE LANDSCAPE CONSTRUCTION FOR THIS PROJECT.
- 4. ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE UPON DELIVERY TO THE SITE, AND PRIOR TO INSTALLATION.
- 5. IF DISCREPANCIES ARISE BETWEEN ACTUAL PLANTING AREA SIZES IN THE FIELD AND THOSE SHOWN ON THE PLANS, CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN WILL RESULT IN CONTRACTOR'S LIABILITY FOR MATERIALS RELOCATION.
- 6. FINAL LOCATIONS OF ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL OF THE OWNER'S REPRESENTATIVE.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND LANDSCAPING THAT IS DESIGNATED TO REMAIN. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING OR OTHER APPROVED GUARDS OUTSIDE DRIP LINE (OUTER PERIMETER OF BRANCHES) OF TREES TO PROTECT FROM DAMAGE (SEE DETAIL). DO NOT STORE CONSTRUCTION MATERIALS, PERMIT VEHICULAR TRAFFIC OR PEDESTRIAN ACCESS WITHIN DRIP LINE TO AVOID SOIL COMPACTION. COORDINATE WITH ARCHS. AND CIVIL PLANS.
- 8. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
- 9. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE DEPTHS DESCRIBED FOR TURF AREAS AND SHRUB BEDS AS INDICATED IN SHT. L-L001 DTL. B. IF NECESSARY DIG SUBGRADE IN SHRUB BEDS AND SODDED AREAS DOWN AS SPECIFIED BEFORE PLACING AMENDED TOPSOIL. REFER TO GRADING PLAN FOR FINISH GRADE AND DRAINAGE.
- 10. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE ONLY AS APPROVED BY THE OWNER'S REPRESENTATIVE.
- 12. TREES SHALL NOT BE PLANTED LESS THAN 5'-0" FROM CURBS OR HARD SURFACE AREAS UNLESS A ROOT BARRIER IS INSTALLED.
- 13. A SOILS REPORT SHALL BE PROVIDED BY THE CONTRACTOR, AND SHALL DESCRIBE THE DEPTH, COMPOSITION, AND BULK DENSITY OF THE TOPSOIL AND SUBSOIL AT THE SITE AND SHALL INCLUDE RECOMMENDATIONS FOR SOIL AMENDMENTS. REFER TO SPECS.
- 14. 2H:IV MAXIMUM SLOPE IN LANDSCAPED AREAS

LANDSCAPE NOTES

<u>QTY</u>

- 15. NO TREES SHALL BE PLANTED IN PUBLIC PARK STRIPS LESS THAN EIGHT (8) FEET WIDE. CENTERLINE OF TREES SHALL BE PLANTED MINIMUM FOUR (4) FEET AWAY FROM BACK OF CURB AND EITHER SIDE OF SIDEWALK.
- 16. EXISTING TREES IN SIGHT TRIANGLES SHALL BE TRIMMED UP TO A HEIGHT OF 8' (14' IF TREE CANOPY EXTENDS OVER.
- 17. BACK OF CURB ALONG PUBLIC STREET) OR HIGHER, ABOVE TOP BACK OF CURB (TYPICAL).
- 18. EXISTING SHRUBS AND OTHER LANDSCAPING SHALL BE TRIMMED DOWN TO A HEIGHT OF 3 FEET (OR LOWER) ABOVE TOP BACK OF CURB (TYPICAL).

CONCEPT PLANT	SCHEDULE - INCLUDING UDOT			В
	TOTAL MODERNING ODOT			
	<u>DECIDUOUS TREES</u> Acer glabrum / Rocky Mountain Maple Koelreuteria paniculata / Golden Rain Tree Quercus macrocarpa / Bur Oak Ulmus parvifolia / Lacebark Elm Zelkova serrata 'Green Vase' / Sawleaf Zelkova	2" CALIPER	19	
	COLUMNAR TREES Populus tremula 'Erecta' / Swedish Aspen Zelkova serrata 'Musashino' / Columnar Zelkova	2" CALIPER	40	
	SMALL ACCENT TREES Acer tataricum / Tatarian Maple Amelanchier x grandflora / Serviceberry Prunus virginiana 'Schubert' Canada Red Chokecherry Quercus gambelii / Gambel Oak	1.5" CALIPER	115	
	EVERGREEN TREE Cedrus atlantica 'Fastigiata' / Columnar Blue Atlas Cedar Picea abies 'Cupressina' / Columnar Norway Spruce Picea pungens glauca 'Hoopsii' / Colorado Blue Spruce	6' HEIGHT	27	
	EVERGREEN SHRUBS Mahonia aquifolium / Oregon Grape Holly Pinus densiflora 'Umbraculifera' / Japanese Red/Tanyosho Pin Pinus mugo 'Slowmound' / Slowmound Mugo Pine	5 CONT.	326	
	GRASS Calamagrostis acutifolia 'Karl Foerster' / Foerster's Reed Gramiscanthus sinensis 'Gracillimus' / Maiden Grass Miscanthus sinensis 'Zebrinus' / Zebra Grass Panicum virgatum 'Shenendoah' / Burgundy Switch Grass Pennisetum alopecuroides 'Hameln' / Hamln Dwarf Fountain G		638	
•	LARGE DECIDUOUS SHRUBS Cornus sericea 'Isanti' / Isanti Redosier Dogwood Prunus besseyi / Sand Cherry Rhus typhina 'Tiger Eyes' / Tiger Eyes Sumac Viburnum lantana 'Mohican' / Wayfaring Tree	5 <i>CO</i> NT.	185	
	LOW SHRUBS Juniperus horizontalis 'Wiltoni' / Wilton Blue Rug Juniper Juniperus sabina 'Arcadia' / Arcadia Juniper Prunus besseyi 'Pawnee Buttes' / Sand Cherry Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	5 CONT.	79	
•	SMALL DECIDUOUS SHRUBS Buddleia davidii / Butterfly Bush Caryopteris x clandonensis 'Blue Mist' / Blue Mist Shrub Philadlphus microphyllus Littleleaf Mock Orange Potentilla fruticosa / Shrubby Cinquefoil Ribes alpinum / Alpine Currant Ribes alpinum 'Green Mound' / Green Mound Alpine Currant Rosa x 'Knockout' / Knockout Rose (Red)	5 <i>CO</i> NT.	634	
	PERENNIALS Achillea spp. / Yarrow varieties Alchemilla mollis / Lady's Mantle Amorpha canescens / Leadplant Aquilegia spp. / Columbine varieties Echinacea purpurea / Purple Coneflower Gaura lindheimeri 'Crimson Butterfly' / Crimson Butterfly Wolris sibirica / Siberian Iris Penstemon spp. / Penstemon varieties Salvia superba 'May Knight' / Perennial Sage	1 CONT. andflower	225	
	GROUND COVER Ajuga reptans / Ajuga Ceratostigma plumbaginoides / Hardy Plumbag Juniperus horizontalis / Creeping Juniper varieties Mahonia repens / Creeping Oregon Grape	FLAT	2,348 sf	
	TURF Turf-Grass / Chanshare Desert Sage	SOD	12,792 sf	
	* QUANTITY INFORMATION PROVIDED FOR REFERENCE ONLY VERIFY ALL QUANTITIES.	. CONTRACTOR RES	PONSIBLE TO	

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> **e** August 14, 2023

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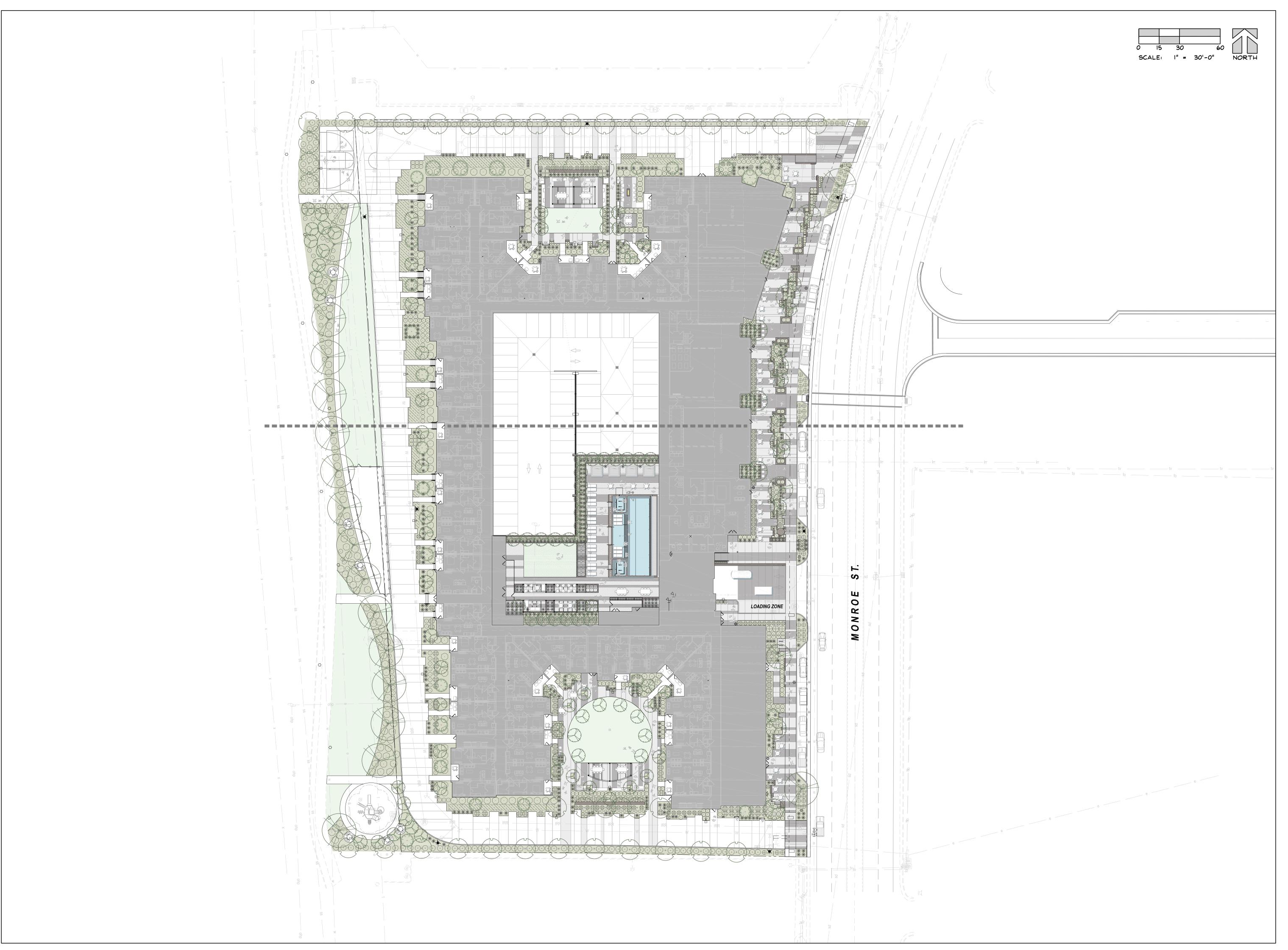
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LANDSCAPE NOTES

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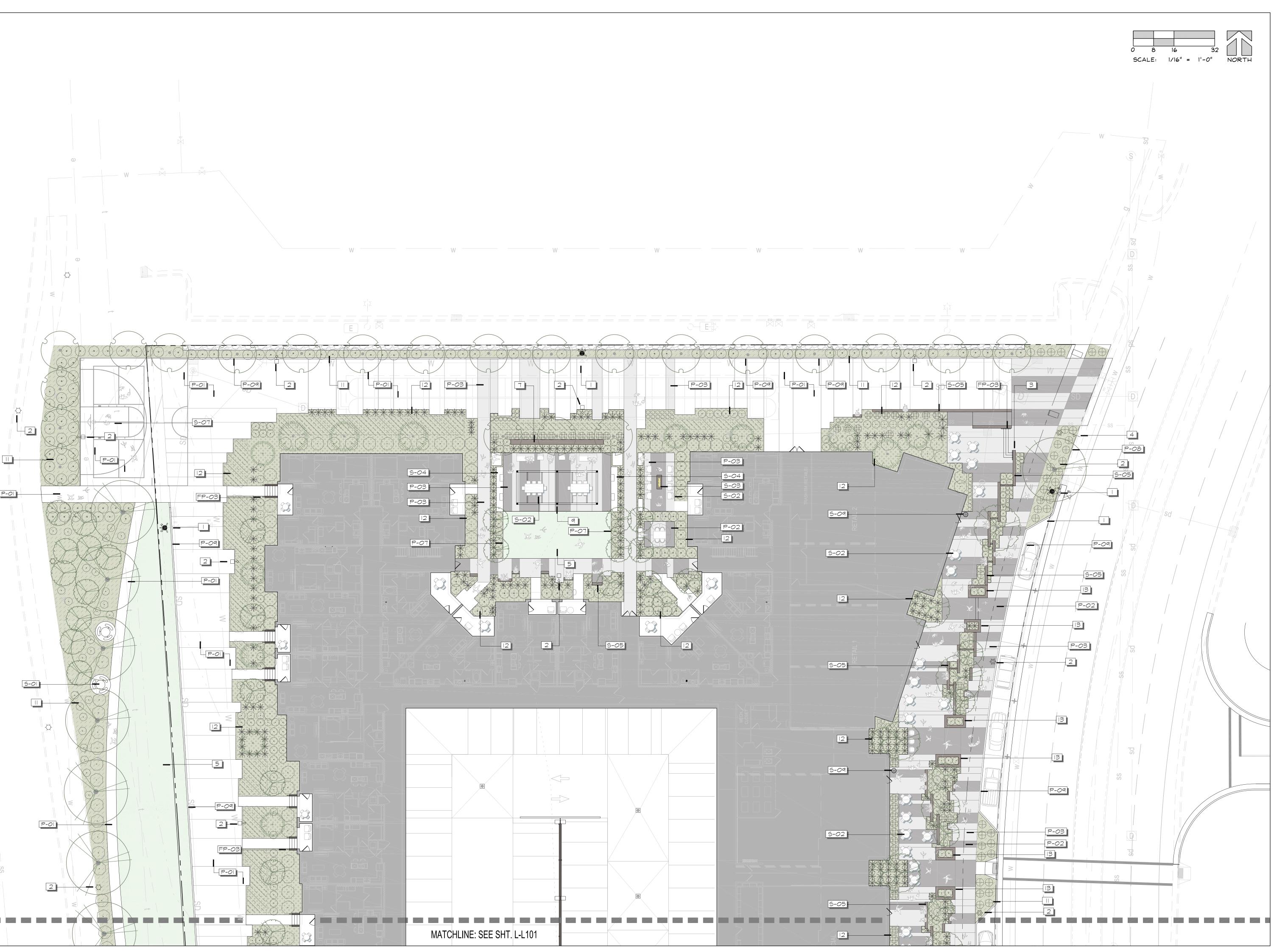
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PRELIMINARY
OVERALL
LANDSCAPE PLAN

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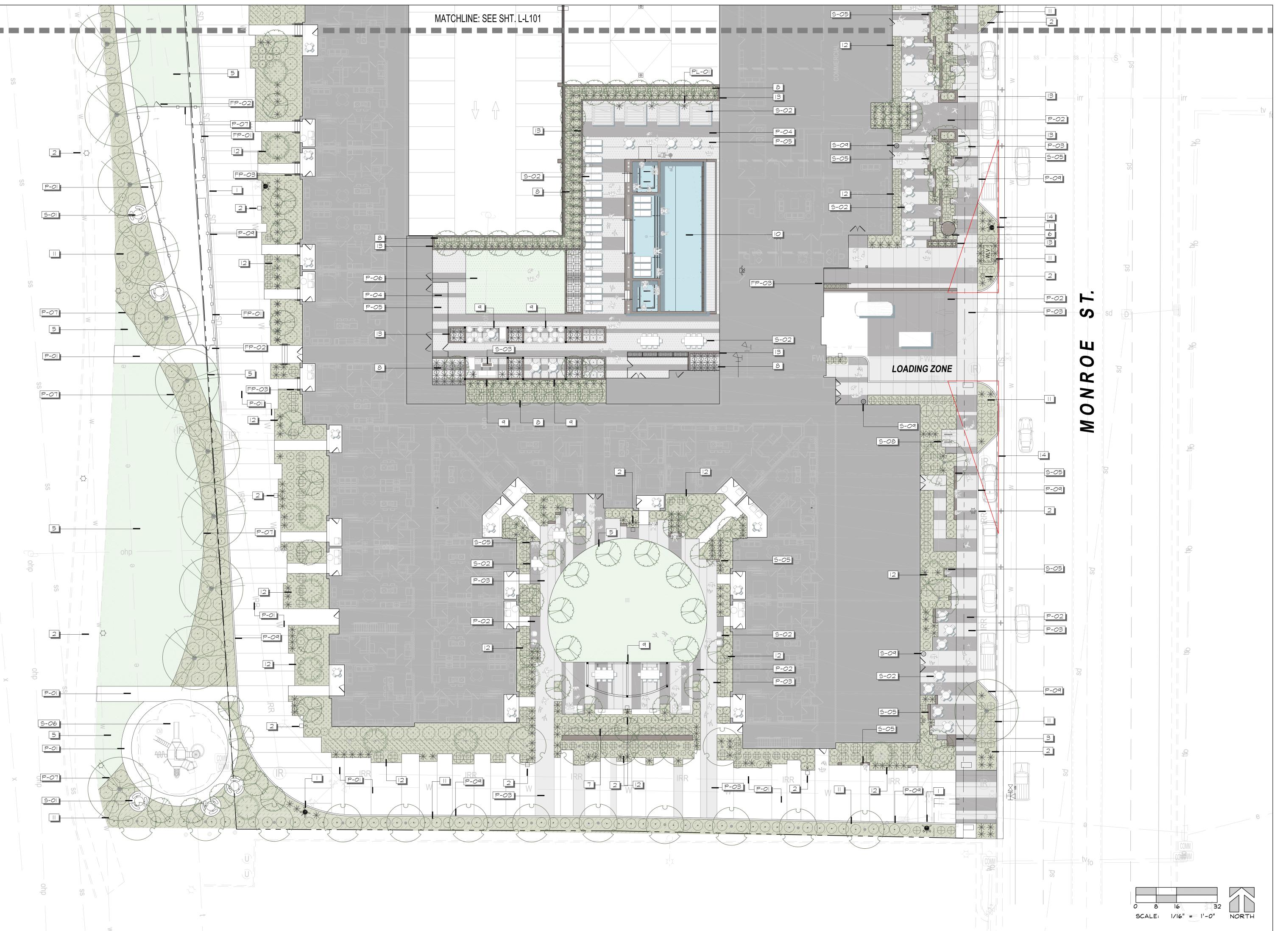
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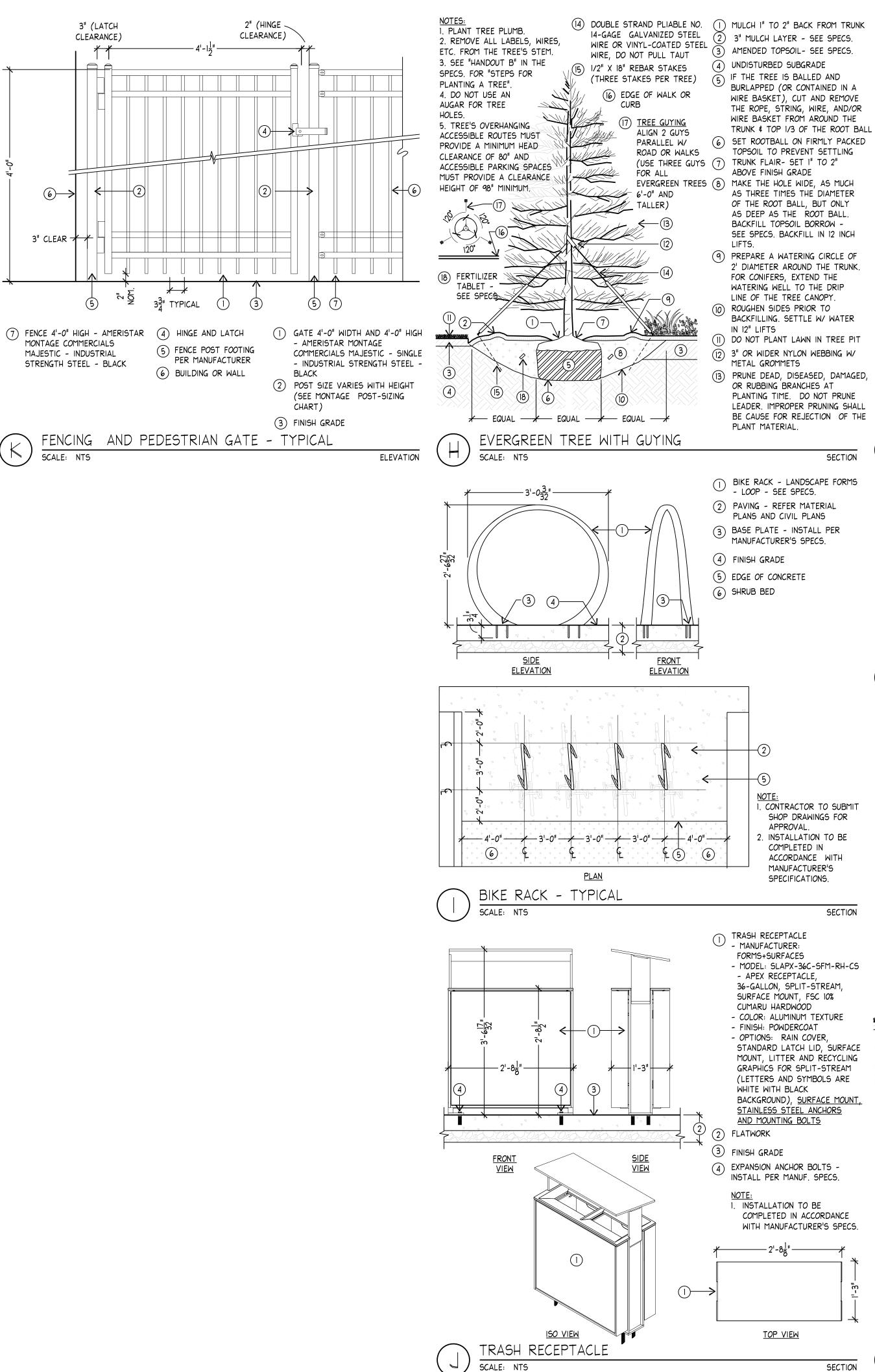
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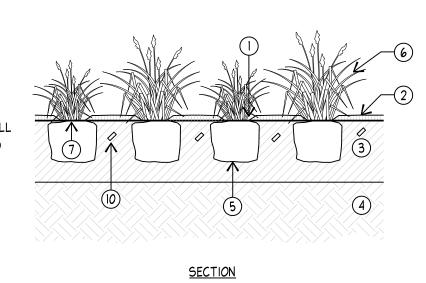
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LANDSCAPE PLAN

ahaa

L-L102





SEE SPECS. BACKFILL IN 12 INCH (9) PREPARE A WATERING CIRCLE OF 2' DIAMETER AROUND THE TRUNK. FOR CONIFERS, EXTEND THE WATERING WELL TO THE DRIP LINE OF THE TREE CANOPY. ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER (II) DO NOT PLANT LAWN IN TREE PIT (12) 3" OR WIDER NYLON WEBBING W/

(13) PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER. IMPROPER PRUNING SHALL BE CAUSE FOR REJECTION OF THE

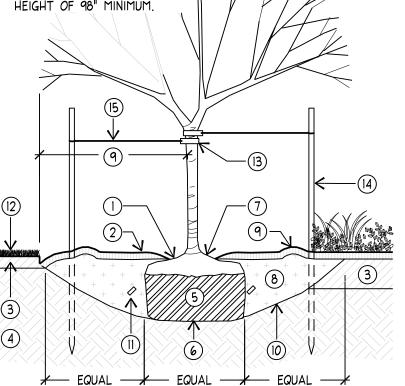
PERENNIAL / GROUNDCOVER SECTION SCALE: NTS

SOD, I.E.

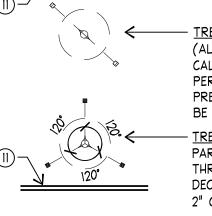
NOTES: 1. PLANT TREE PLUMB. 2. REMOVE ALL LABELS, WIRES, ETC. FROM THE TREE'S STEM. 3. SEE "HANDOUT B" IN THE SPECS. FOR "STEPS FOR PLANTING A TREE". 4. DO NOT USE AN AUGER FOR $\sqrt{\ /\ }$ TREE HOLES. 5. TREE'S OVERHANGING ACCESSIBLE ROUTES MUST PROVIDE A MINIMUM HEAD CLEARANCE OF 80" AND ACCESSIBLE PARKING SPACES MUST PROVIDE A CLEARANCE HEIGHT OF 98" MINIMUM.

SHOVEL TURF EDGE

SCALE: NTS



EXCEPT IN RARE CASES TREES SHOULD NOT BE STAKED TREE STAKING ALONG ROADS OR WALK (ALL TREES LESS THAN 2" CALIPER) - TREE STAKING IN OPEN SPACES (ALL TREES LESS THAN 2"



CALIPER). ALIGN STAKES PERPENDICULAR W/ DIRECTION OF PREVAILING WINDS. ALL STAKES TO BE CONSISTENT. TREE STAKING ALIGN 2 STAKES PARALLEL W/ ROAD OR WALK (USE THREE STAKES FOR ALL DECIDUOUS TREES GREATER THAN 2" CAL.)

DECIDUOUS TREE WITH STAKING SCALE: NTS

(1) KEEP MULCH BACK FROM BASE OF

(2) MULCH LAYER - SEE SPECS.

(3) AMENDED TOPSOIL - SEE SPECS.

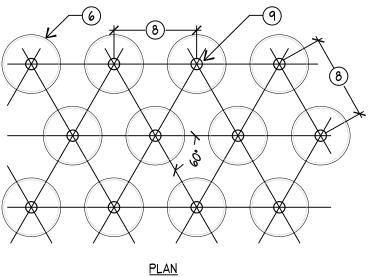
) UNDISTURBED SUBGRADE

5) IF PLANTS ARE POT-BOUND AT PLANTING TIME, LOOSEN THE ROOTS AROUND THE BOTTOM AND SIDES OF THE ROOT BALL (6) PLANT

(7) BE SURE THE CROWN OF THE PLANT (THE POINT WHERE ROOTS AND TOP JOIN) IS EVEN WITH THE SOIL SURFACE

(8) PLANT SPACING VARIES - REFER TO PLANT SCHEDULE OR PLAN

(9) CENTER OF PLANT (10) FERTILIZER TABLET - SEE SPECS.



DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. 2. REMOVE ALL LABELS, WIRES, ETC. FROM PLANT. 3. WATER PLANTS THOROUGHLY FOLLOWING PLANTING TO SETTLE

) MULCH AS SPECIFIED

3) SHRUB BED/TREE WELL

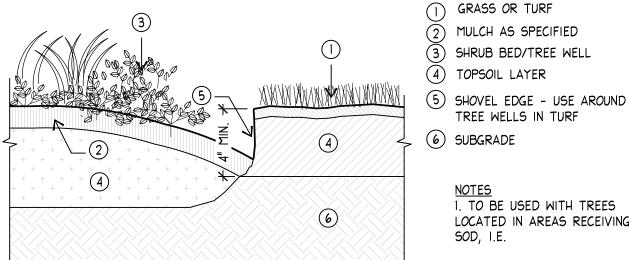
TREE WELLS IN TURF

1. PRUNE DEAD, DISEASED,

THE SOIL AROUND THE ROOTS.

SECTION/PLAN

MOIST ROOT SYSTEM.



1. TO BE USED WITH TREES LOCATED IN AREAS RECEIVING

(1) MULCH I" TO 2" BACK FROM TRUNK

PLANS (3) AMENDED TOPSOIL- SEE SPECS. (4) UNDISTURBED SUBGRADE

(5) IF THE TREE IS BALLED AND BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT

6 SET ROOTBALL ON FIRMLY PACKED TOPSOIL TO PREVENT SETTLING

7) TRUNK FLAIR- SET I" TO 2" ABOVE FINISH GRADE (8) MAKE THE HOLE WIDE, AS MUCH AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY AS DEEP AS THE ROOT BALL BACKFILL TOPSOIL BORROW -SEE SPECS. BACKFILL IN 12 INCH LIFTS.

PREPARE A WATERING CIRCLE OF 2' DIAMETER AROUND THE TRUNK. FOR CONIFERS, EXTEND THE WATERING WELL TO THE DRIP LINE OF THE TREE CANOPY. ROUGHEN SIDES PRIOR TO

BACKFILLING. SETTLE W/ WATER IN 12" LIFTS (II) FERTILIZER TABLET - SEE SPECS. 12 DO NOT PLANT LAWN IN TREE

(3) 3" OR WIDER NYLON WEBBING W/ METAL GROMMETS (14) 6'-0" X 2" DIA. ROUND WOOD STAKES, TWO PER TREE (THE STAKES SHALL BE PLUMB AND SET AT THE SAME HIEGHT)

(15) DOUBLE STRAND PLIABLE NO. 14-GAGE GALVANIZED STEEL WIRE OR VINYL-COATED STEEL WIRE, DO NOT PULL TAUT (16) PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME.

DO NOT PRUNE LEADER. IMPROPER PRUNING SHALL BE CAUSE FOR REJECTION OF THE PLANT MATERIAL.

SECTION

5

(1) LANDSCAPING - SEE PLANTING

(2) CONCRETE MOW CURB - REFER TO SHT. L-L501 DTL. D

(3) CONCRETE BASE - REFER TO ELEC. DRAWINGS

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Gilbert

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Aug. 14, 2023

consultant:

(4) LIGHT POLE - REFER TO ELEC.

DRAWINGS (5) CONCRETE SIDEWALK OR CURB (6) LIGHT FIXTURE ABOVE

LIGHT POLE MOW CURB (TO BE USED WITH TURF SCALE: NTS

(3)

* EQUAL * EQUAL * EQUAL .

1. PLANT SHRUB PLUMB. 2. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER. 3. REMOVE ALL LABELS, WIRES, ETC. FROM SHRUB. 4. DO NOT USE AN AUGAR FOR TREE HOLES. 5. DEEP WATER WITH HOSE ALL PLANTS. 6. WATER PLANT IN POT PRIOR TO REMOVING PLANT FROM POT. DO (12) EXISTING GRADE NOT PLANT DRY PLANTS. ALL POTTED PLNATS MUST HAVE A

(1) MULCH I" TO 2" BACK FROM TRUNK

(2) MULCH LAYER - SEE SPECS.

(3) AMENDED TOPSOIL- SEE SPECS.

(4) UNDISTURBED SUBGRADE (5) IF THE SHRUB IS BALLED AND BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT

(6) SET ROOTBALL ON FIRMLY PACKED TOPSOIL TO PREVENT SETTLING

BACKFILL TOPSOIL BORROW -

SEE SPECS. BACKFILL IN 12 INCH

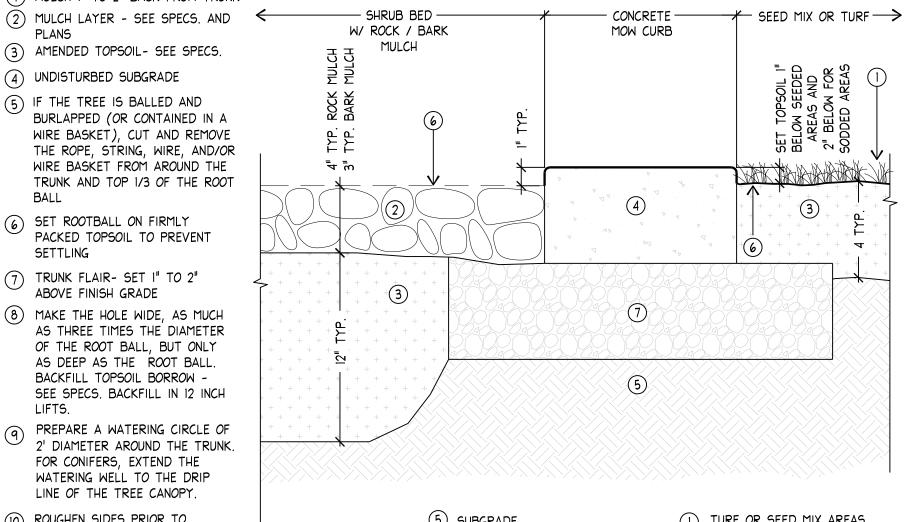
(7) TRUNK FLAIR- SET I" TO 2" ABOVE FINISH GRADE (8) MAKE THE HOLE WIDE, AS MUCH AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY AS DEEP AS THE ROOT BALL.

(9) ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER IN 12" LIFTS

(10) CONSTRUCT WATERING DISH AT EACH PLANT USING TOPSOIL (II) FINISH GRADE

(13) FERTILIZER TABLET - SEE SPECS.

SCALE: NTS SECTION



(5) SUBGRADE (6) FINISH GRADE, TOP OF MULCH TO BE LEVEL 7 ROAD BASE

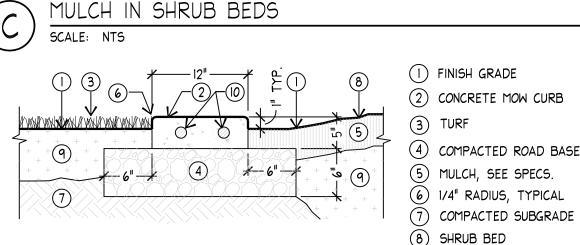
TURF OR SEED MIX AREAS ROCK OR BARK MULCH, SEE SPECS.

APPLICABLE

(3) TOPSOIL - SEE SPECS. (4) CONCRETE MOW CURB, IF

SECTION

SECTION



(9) TOPSOIL 1. WHEN MOW CURB IS ADJACENT TO BUILDING OR WALL, USE EXPANSION JOINT AND SLOPE 2% AWAY FROM BUILDING. 2. FINISH W/ MED. BROOM PERPENDICULAR TO HEADER RUN.

3. EXPANSION JOINTS AT 20' O.C. AND A TOOLED JOINT AT 10' O.C. CONCRETE MOW CURB SCALE: NTS

asd project no:

data

project

date

revisions

SANDY

SHULSEN

SANDY, UT 84070

MIXED USE

10300 SOUTH MONROE ST

August 14, 2023

PRELIMINARY LANDSCAPE

DETAILS sheet





SANDY SHULSEN
ELEVATIONS





SANDY SHULSEN ELEVATIONS

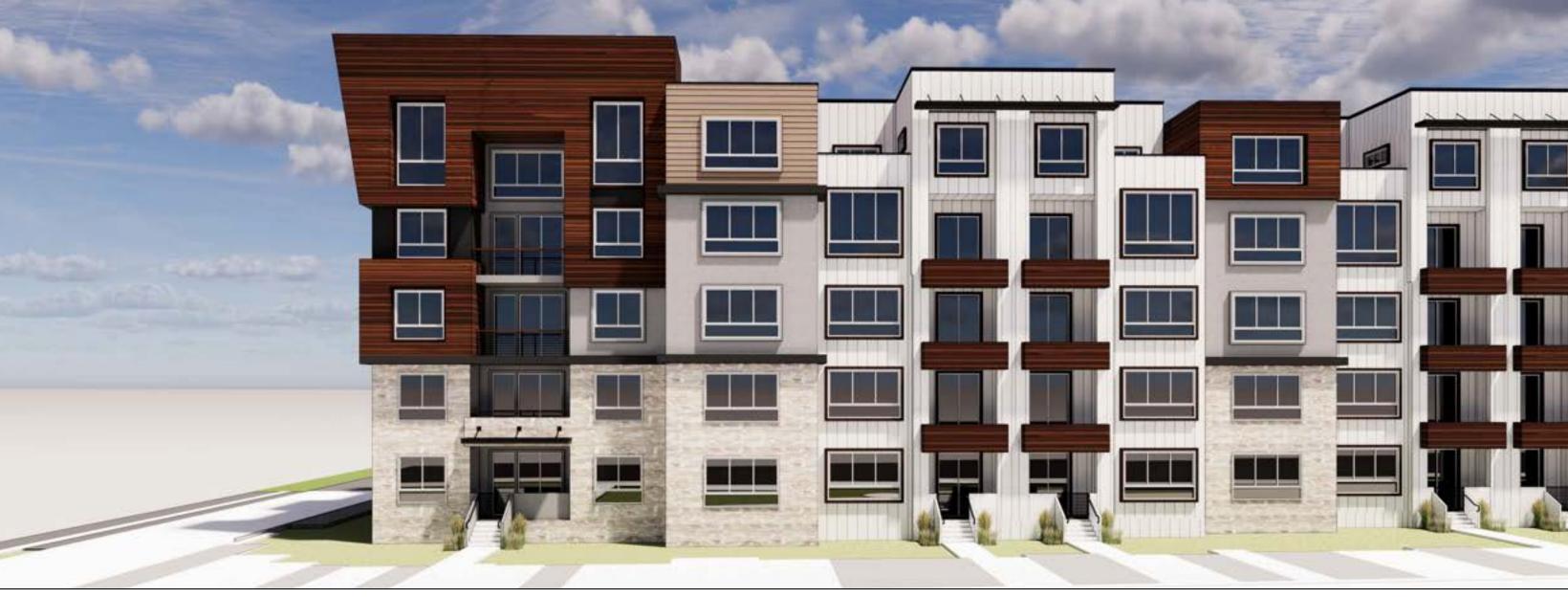






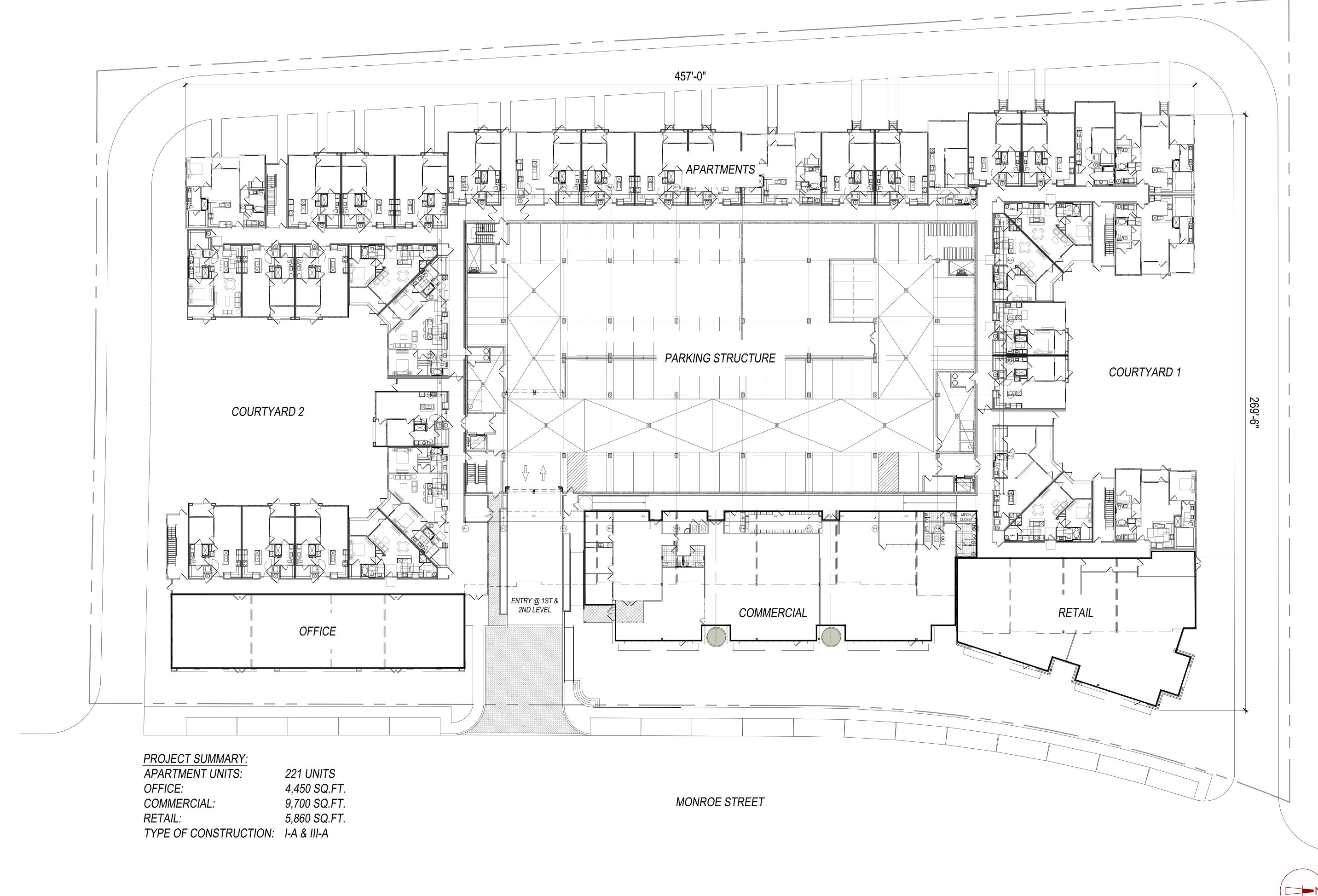










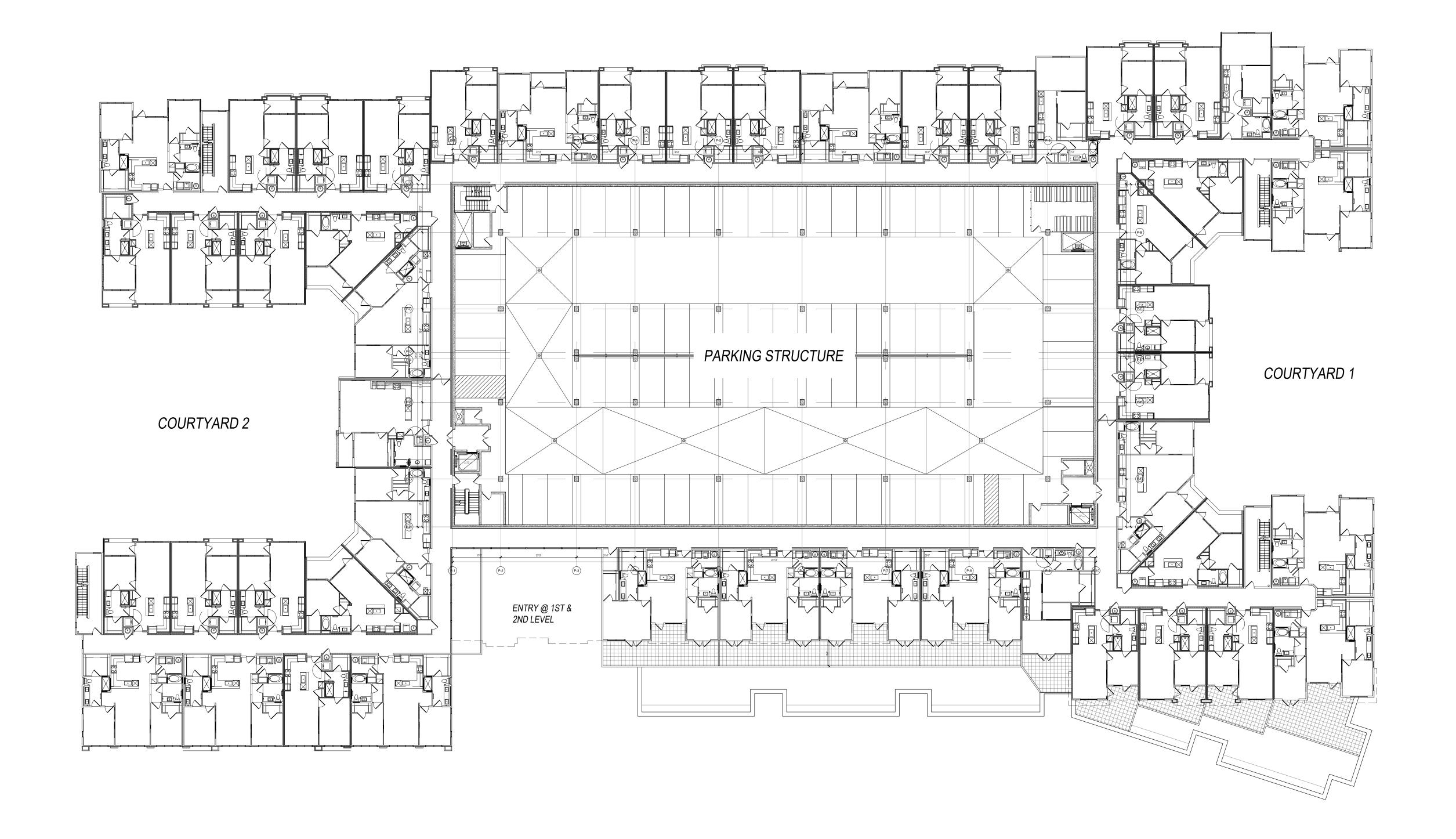


SANDY SHULSEN

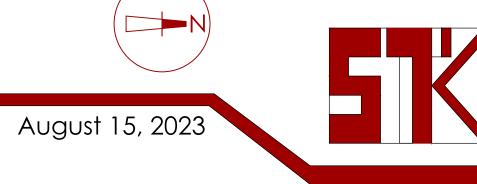
OVERALL BUILDING FLOOR PLAN - 1F

August 15, 2023

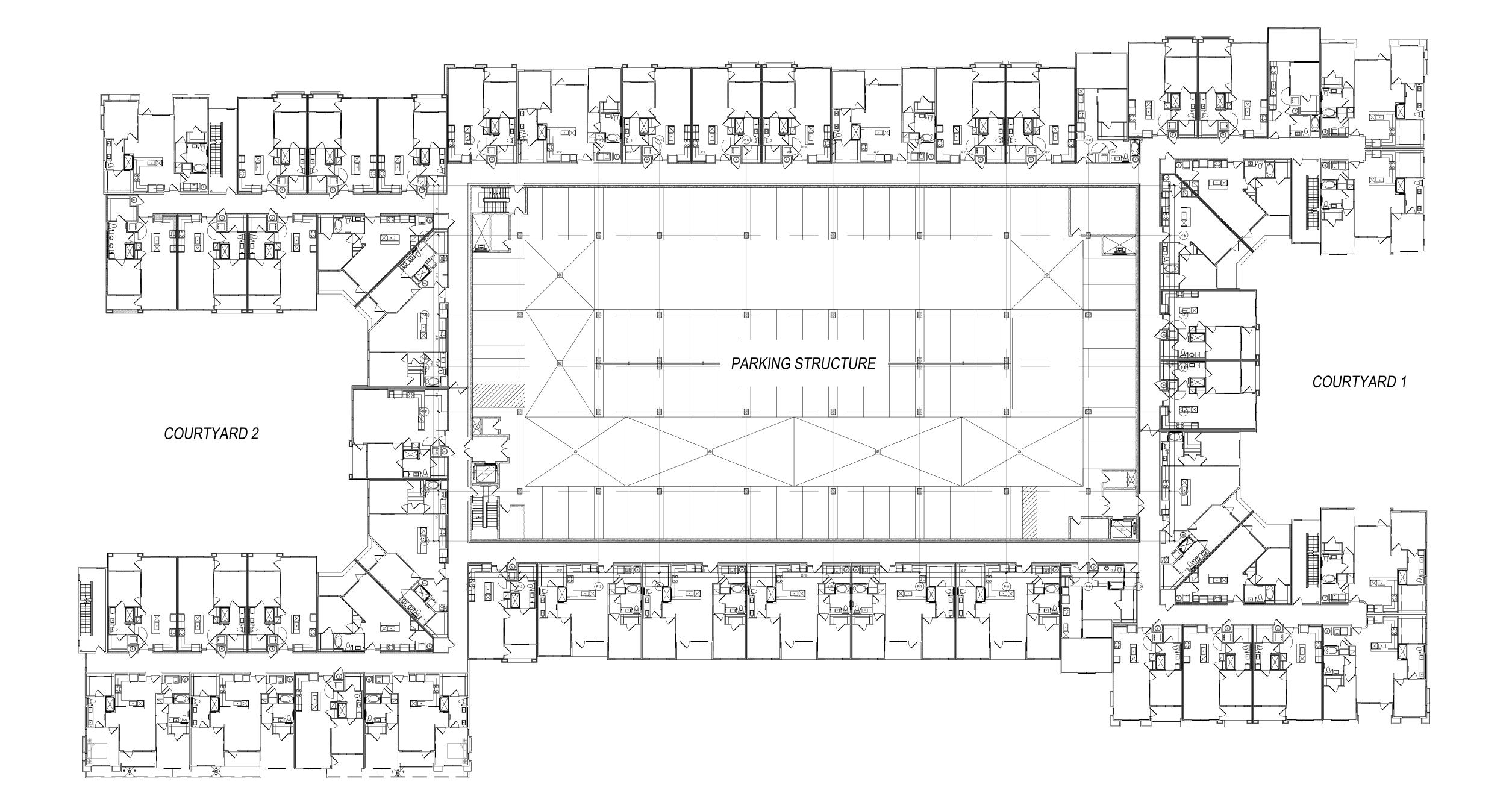


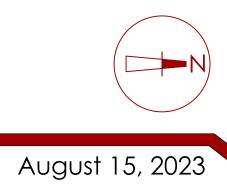




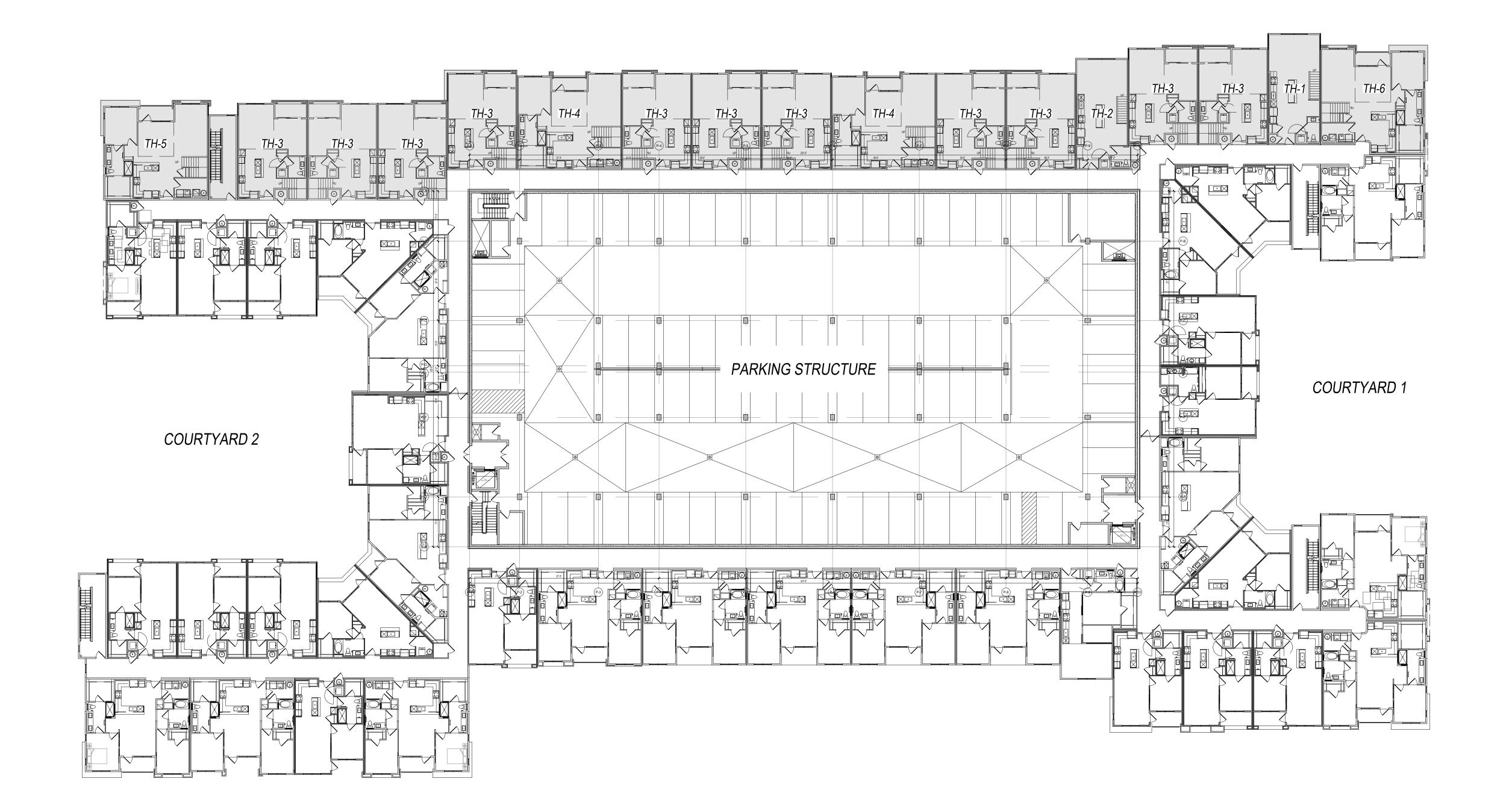


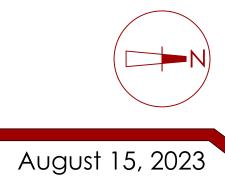
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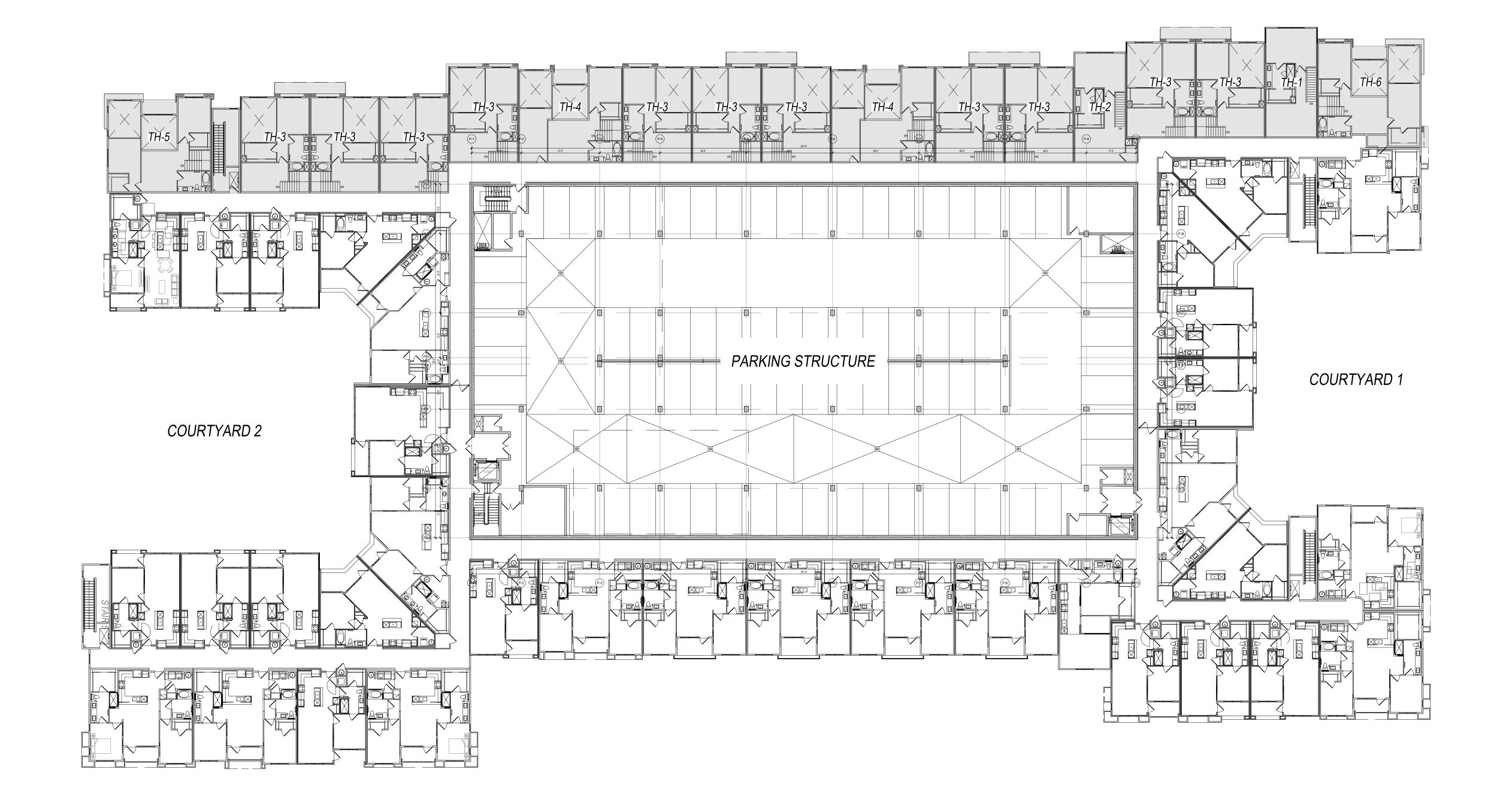


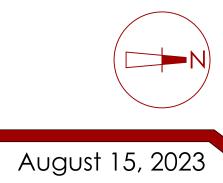




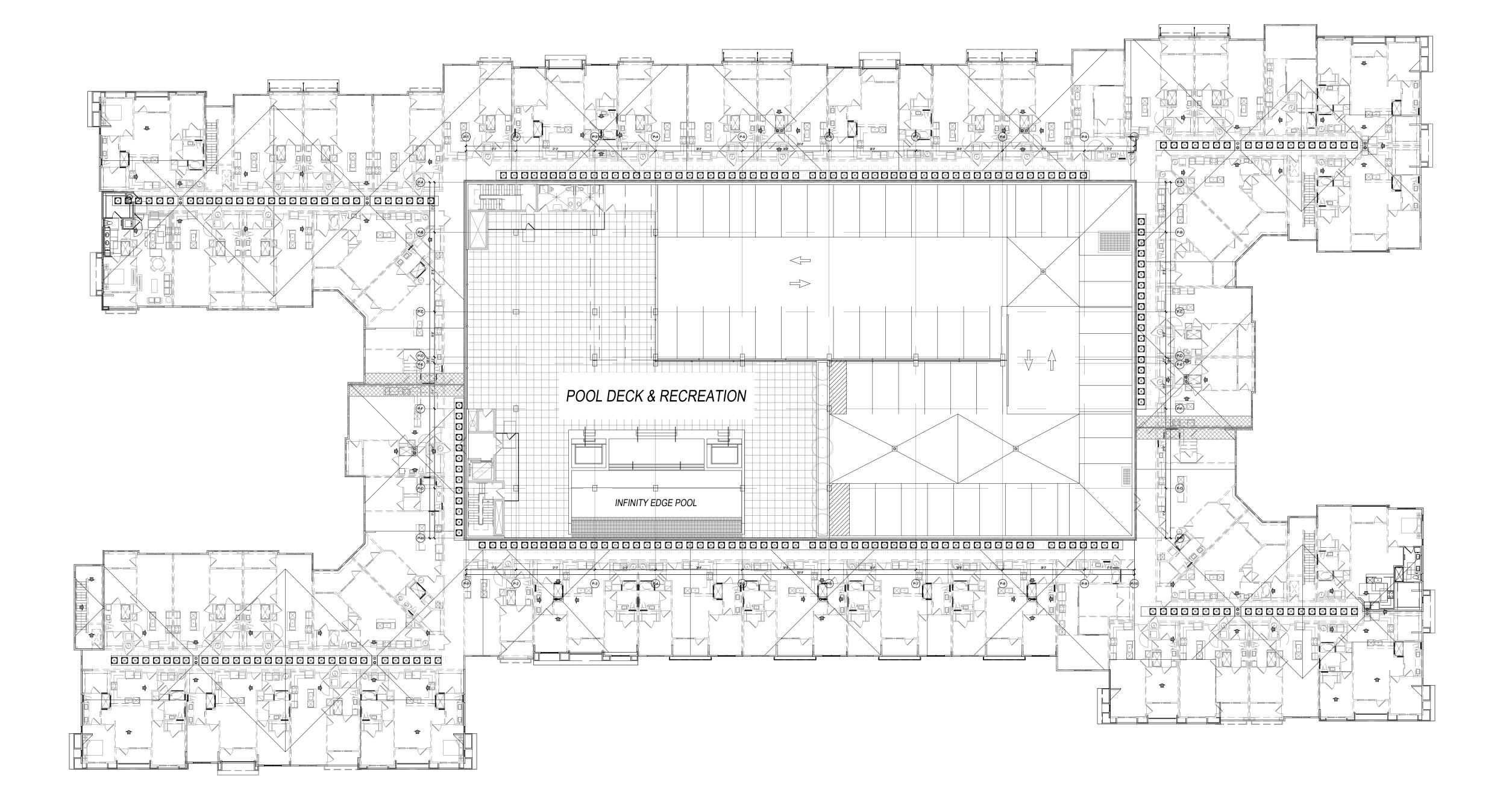












SANDY SHULSEN ROOF PLAN

