

FEATURES & SPECIFICATIONS

CONTOUR
Soft-Beam Lighting

KAD
KAD Series

GENERAL INFORMATION

Model	Beam Spread	Mounting	Material	Finish
KAD 2000 R4	40°	Recessed	Aluminum	White
KAD 2000 R4	40°	Recessed	Aluminum	Black
KAD 2000 R4	40°	Recessed	Aluminum	Grey
KAD 2000 R4	40°	Recessed	Aluminum	Clear
KAD 2000 R4	40°	Recessed	Aluminum	White
KAD 2000 R4	40°	Recessed	Aluminum	Black
KAD 2000 R4	40°	Recessed	Aluminum	Grey
KAD 2000 R4	40°	Recessed	Aluminum	Clear
KAD 2000 R4	40°	Recessed	Aluminum	White
KAD 2000 R4	40°	Recessed	Aluminum	Black
KAD 2000 R4	40°	Recessed	Aluminum	Grey
KAD 2000 R4	40°	Recessed	Aluminum	Clear

INSTALLATION

1. Mounting: The fixture is designed for recessed installation. The mounting depth is 1.5 inches. The mounting hole diameter is 2.5 inches. The mounting hole spacing is 4.5 inches.

2. Electrical: The fixture is designed for 120V AC, 60Hz, single phase. The maximum load is 150W. The fixture is designed for use with standard incandescent, CFL, or LED lamps.

3. Clearance: The fixture requires a minimum clearance of 1.5 inches from the ceiling.

4. Temperature: The fixture is designed for use in environments with a maximum temperature of 100°F.

5. Humidity: The fixture is designed for use in environments with a maximum relative humidity of 90%.

6. Voltage Drop: The fixture is designed for use in environments with a maximum voltage drop of 3%.

7. Power Factor: The fixture has a power factor of 0.95.

8. Efficacy: The fixture has an efficacy of 100 lumens per watt.

9. Life Span: The fixture has a life span of 50,000 hours.

10. Warranty: The fixture is covered by a 5-year warranty.

KAD Metal Housing, Arm-mounted Soft Square Gullfit

REQUIREMENTS

1. Mounting: The fixture is designed for arm-mounted installation. The mounting arm length is 12 inches. The mounting hole diameter is 1.5 inches. The mounting hole spacing is 12 inches.

2. Electrical: The fixture is designed for 120V AC, 60Hz, single phase. The maximum load is 150W. The fixture is designed for use with standard incandescent, CFL, or LED lamps.

3. Clearance: The fixture requires a minimum clearance of 1.5 inches from the ceiling.

4. Temperature: The fixture is designed for use in environments with a maximum temperature of 100°F.

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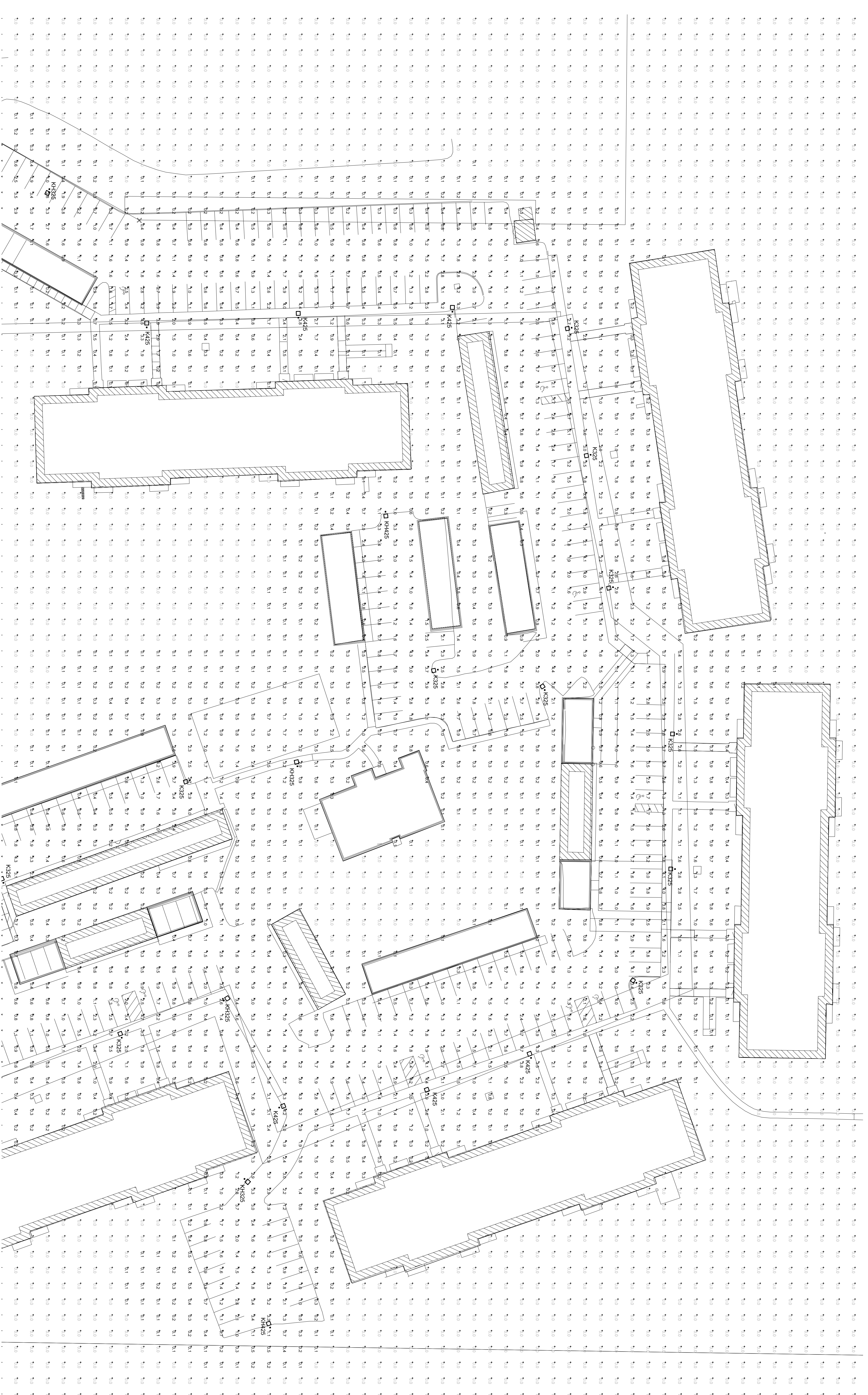
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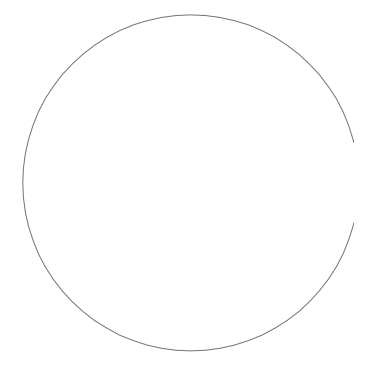
LUMINAIRE SCHEDULE

Symbol	Label	Qty	Category Number	Description	Lumens	File	Lumens /LF	Width	Overhang
□	K225	13	(PULSE START)	AREA LIGHTING, 200W CLEAR BRZY PULSE START METAL, INCLIDE ORIENTABLE, FRIENDLY POSITION	KAD_2000_R4	2500	0.81	288	25-0"
□	K425	10	(PULSE START)	AREA LIGHTING, 200W CLEAR BRZY PULSE START METAL, INCLIDE ORIENTABLE, FRIENDLY POSITION	KAD_2000_R4	2500	0.73	288	25-0"
□	KH425	10	(PULSE START)	AREA LIGHTING, 200W CLEAR BRZY PULSE START METAL, INCLIDE ORIENTABLE, FRIENDLY POSITION	KAD_2000_R4	2500	0.73	288	25-0"
□	KH325	5	(PULSE START)	AREA LIGHTING, 200W CLEAR BRZY PULSE START METAL, INCLIDE ORIENTABLE, FRIENDLY POSITION	KAD_2000_R4	2500	0.73	288	25-0"
□	KL425	1	(PULSE START)	AREA LIGHTING, 200W CLEAR BRZY PULSE START METAL, INCLIDE ORIENTABLE, FRIENDLY POSITION	KAD_2000_R4	2500	0.73	576	25-0"

STATISTICS

Description	Symbol	Avg	Max	Min	Max/min	Average
Parking Building C	X	1.5 fc	4.7 fc	0.2 fc	23.5:1	7.5:1
Parking Building F	X	1.8 fc	5.4 fc	0.2 fc	27.5:1	9.5:1
Parking Building G	X	1.4 fc	5.3 fc	0.2 fc	27.5:1	7.5:1
Parking Building A & B	X	1.5 fc	4.8 fc	0.2 fc	24.5:1	7.5:1
Parking Building D & E	X	1.9 fc	5.1 fc	0.2 fc	25.5:1	8.5:1

- PROJECT MASTER SET
- BUILDING A
- BUILDING B
- BUILDING C
- BUILDING D
- BUILDING E
- BUILDING F
- BUILDING G
- CLUBHOUSE
- GARAGE #1
- GARAGE #2
- GARAGE #3
- GARAGE #4
- GARAGE #5
- GARAGE #6
- GARAGE #7
- GARAGE #8
- GARAGE #9
- GARAGE #10



HUD PROJECT #:
TBD

OWNER:
NOB HILL APARTMENTS LLC
710 NORTH PLANKINTON AVENUE
SUITE 1200
MILWAUKEE, WI 53203

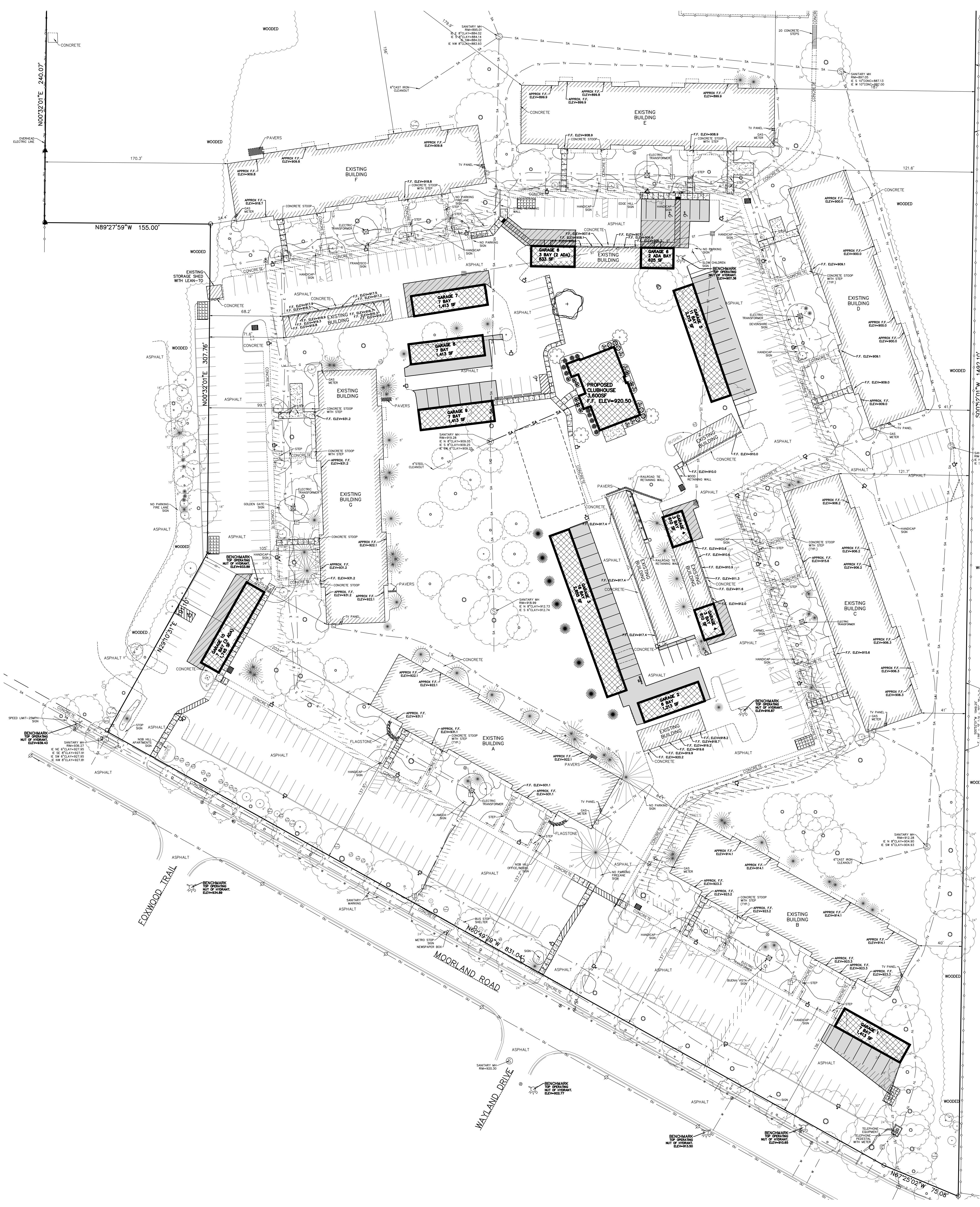
PROJECT:
NOB HILL APARTMENTS
1108 MOORLAND ROAD
MADISON, WI 53713

PRELIMINARY SHEET DATES
JUNE 20, 2012

JOB NUMBER:
1206230

SHEET

C1.5



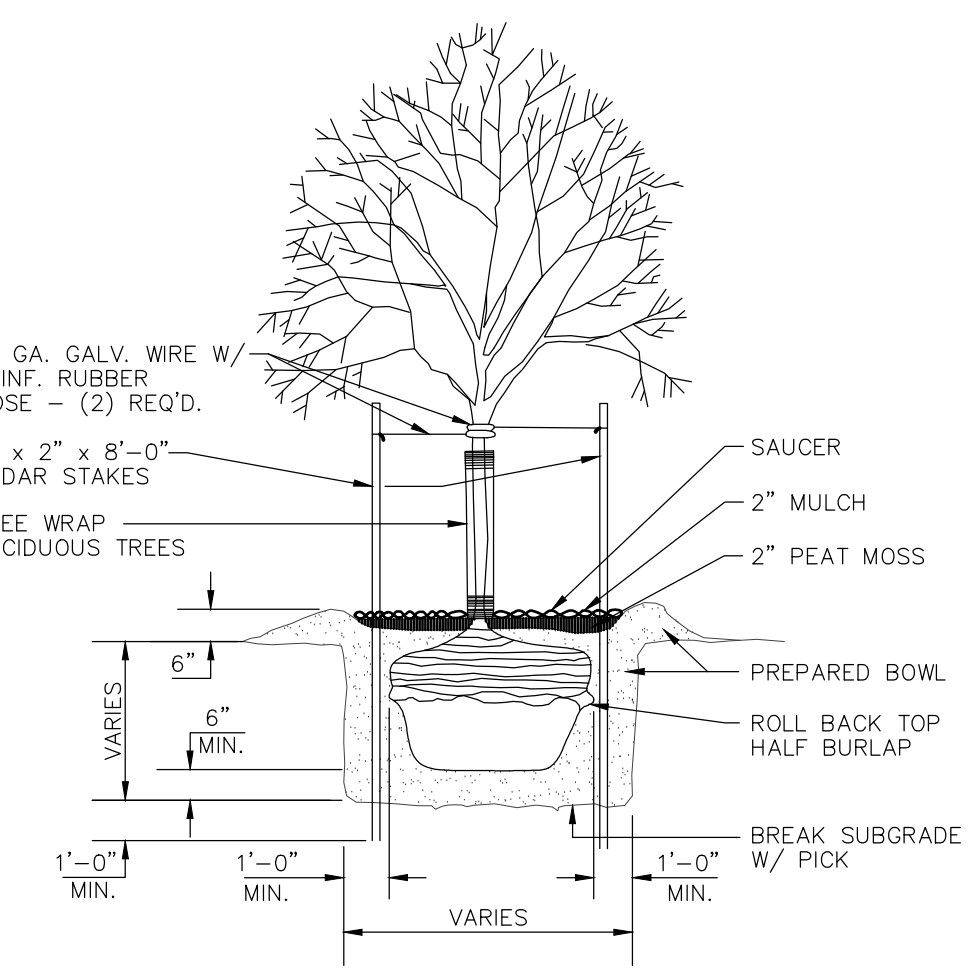
REQUIREMENTS: BASED ON 483 STALLS
CANOPY TREES REQUIRED = 27
PLUS
LANDSCAPE POINTS REQUIRED = 1,630

EXISTING LANDSCAPING CALCULATIONS				
TYPE	LOCATION	QUANTITY	POINT VALUE	TOTAL POINTS
CANOPY TREE 2"-2.5" MIN.	LOCATED WITHIN 50' OF THE EDGE OF THE PARKING LOT.	56	35	(56-27) x 35 = 1,015
DECIDUOUS SHRUB	LOCATED WITHIN 20' OF THE EDGE OF THE PARKING LOT.	70	2	140
EVERGREEN SHRUB	LOCATED WITHIN 20' OF THE EDGE OF THE PARKING LOT.	5	35	175
DECORATIVE FENCE (PER 10')	LOCATED WITHIN 20' OF THE EDGE OF THE PARKING LOT.	840'	5/10'	420
EVERGREEN TREE	LOCATED WITHIN 20' OF THE EDGE OF THE PARKING LOT.	26	15	390
SMALL TREE	LOCATED WITHIN 20' OF THE EDGE OF THE PARKING LOT.	27	15	405
GRAND TOTAL				2,545

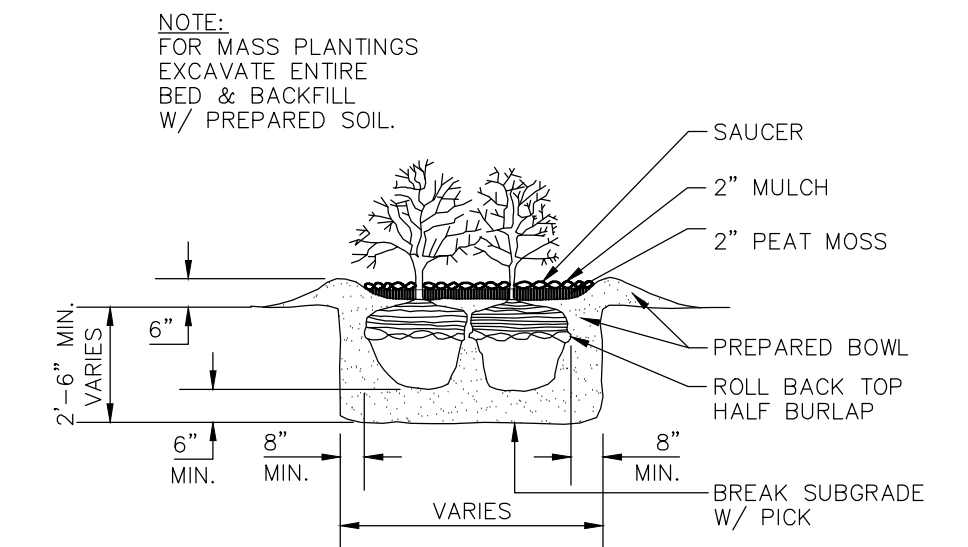
EXISTING DECIDUOUS TREE WITH TRUNK DIAMETER
EXISTING EVERGREEN TREE
EXISTING SHRUB

LANDSCAPE NOTES:
THE EXISTING SITE IS OVER REQUIRED LANDSCAPING POINTS. THE ABOVE POINTS DO NOT TAKE INTO CONSIDERATION ANY OF THE SHRUB PLANTINGS WITHIN THE LISTED PLANTER AREAS.

LANDSCAPING NOTES						
SYMBOL	COMMON NAME	BOTANICAL NAME	PLANTED SIZE	QUANTITY	POINTS	TOTAL
DECIDUOUS TREES						
☉	Skyline Honeylocust	Gleditsia triacanthos 'Skyline'	2"	1	35	35
☉	Flowering Crabapple (Spring Snow)	Malus x hybrid (Spring Snow)	2"	4	15	60
EVERGREEN TREES						
☉	RELOCATED EVERGREEN	REPLACE IF NECESSARY	3"	8	15	N/A
DECIDUOUS SHRUBS						
☉	Arrowwood Viburnum	Viburnum dentatum	30"-36"	9	2	18
☉	Goldmound Spiraea	Spiraea x bumalda 'Goldmound'	15"-18"	7	2	14
EVERGREEN SHRUBS						
☉	Pfitzer Juniper	Juniperus chinensis 'Pfitzeriana'	12"-15"	8	3	24
☉	Russian Cypress	Microbiota decussata	12"-15"	6	3	18
GRAND TOTAL						169



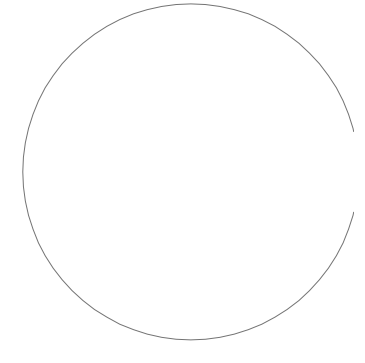
TREE PLANTING DETAIL
NO SCALE



SHRUB PLANTING DETAIL
NO SCALE



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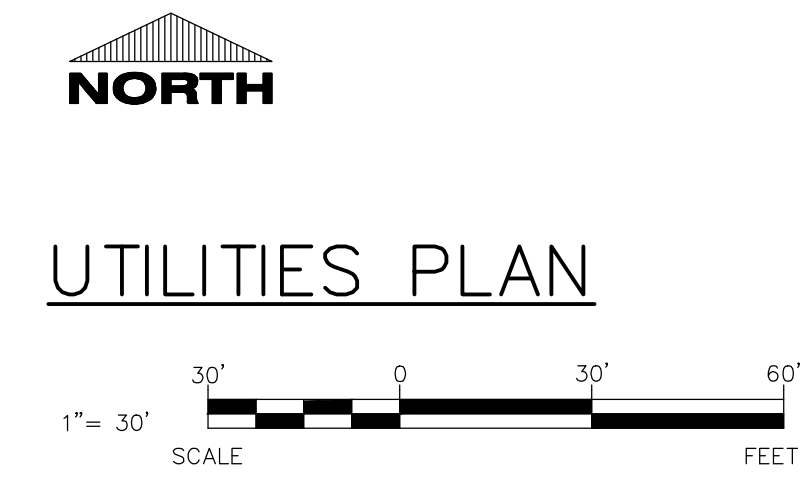
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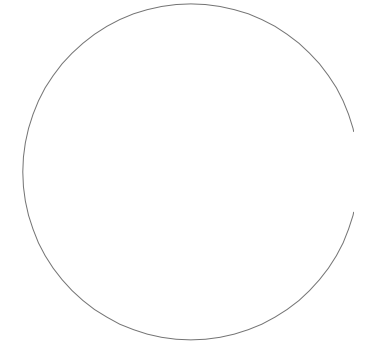
SHEET

C1.4A



PRELIMINARY DRAWING - NOT FOR CONSTRUCTION

PROJECT MASTER SET
BUILDING A
BUILDING B
BUILDING C
BUILDING D
BUILDING E
BUILDING F
BUILDING G
CLUBHOUSE
GARAGE #1
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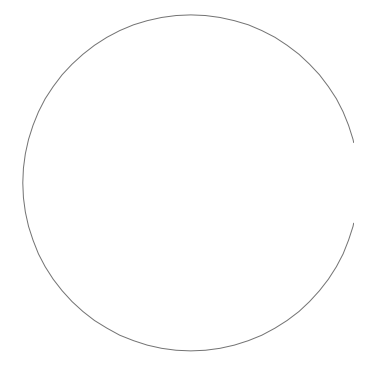
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PRELIMINARY DRAWING - NOT FOR CONSTRUCTION

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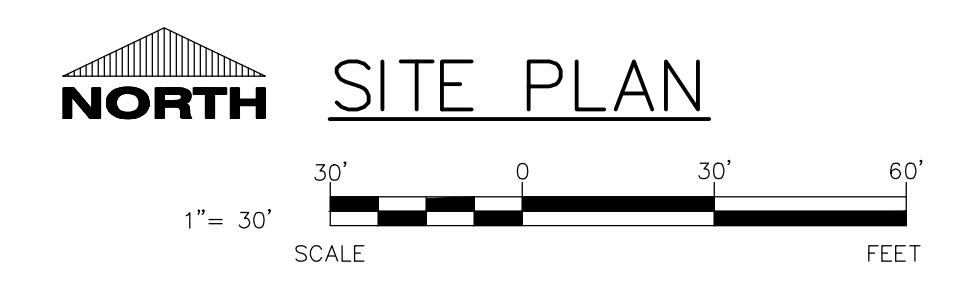
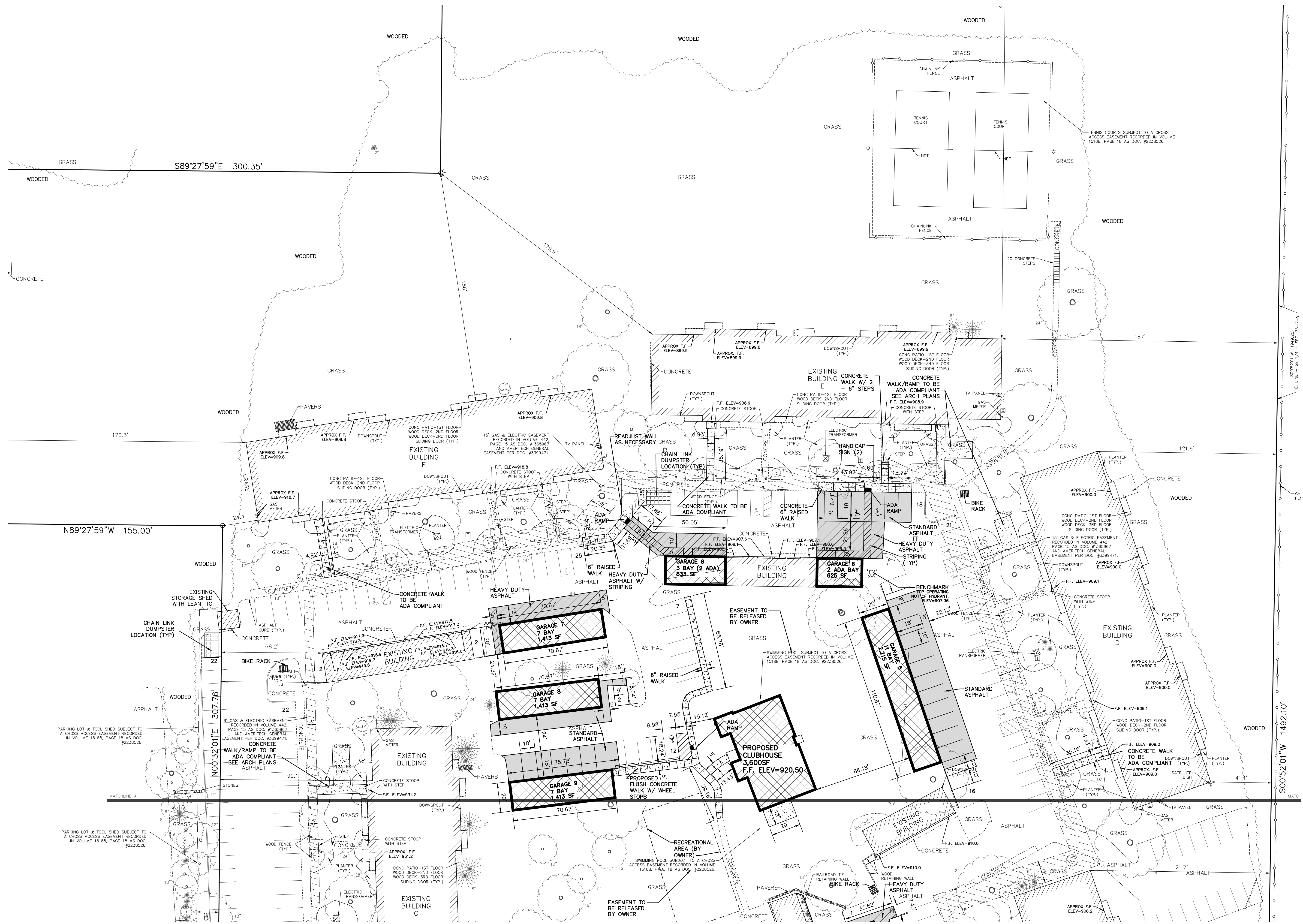
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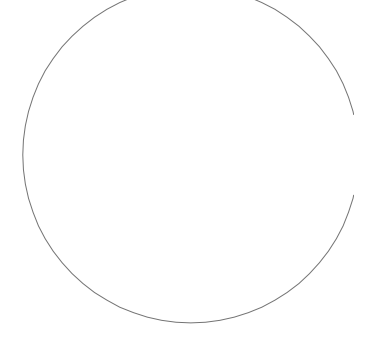
SHEET

C1.2B



PRELIMINARY DRAWING - NOT FOR CONSTRUCTION

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SITE INFORMATION:

PROPERTY AREA: AREA = 928,162 S.F. (21.31 ACRES).
EXISTING ZONING: R-3 PLANNED RESIDENTIAL DEVELOPMENT
PROPOSED ZONING: R-3 PLANNED RESIDENTIAL DEVELOPMENT
PROPOSED USE: MULTIFAMILY
AREA OF SITE DISTURBANCE: 38,583 SF
AREA OF ADDED IMPERVIOUS: 9,943 SF

SETBACKS: BUILDING: FRONT = 25'
SIDE = 6'
REAR = 35'
PAVEMENT: FRONT = 5'
SIDE = 0'
REAR = 0'

PROPOSED CLUBHOUSE HEIGHT: 26'
PROPOSED DWELLING UNITS: 1 BEDROOM=88, 2 BEDROOM=140, 3 BEDROOM=26
TOTAL UNITS = 254

PARKING REQUIRED: 1.5 SPACES PER 1 BEDROOM, 1.75/2 BDRM, 2/3BDRM.
1.5x88 + 1.75x140 + 2x26 = 429 REQ'D.

EXISTING PARKING: 410 SPACES (14 H.C. ACCESSIBLE)
48 GARAGES
458 TOTAL SPACES (14 H.C. ACCESSIBLE)

PROPOSED PARKING PROVIDED: 356 SPACES (15 H.C. ACCESSIBLE)
127 GARAGES (7 H.C. ACCESSIBLE)
483 TOTAL SPACES (22 H.C. ACCESSIBLE)

HANDICAP STALLS REQUIRED: 9, HANDICAP STALLS PROVIDED: 22

LANDSCAPE REQUIREMENTS: MIN. LANDSCAPE SURFACE RATIO: 750 SF/ DWELLING UNIT
REQUIRED GREEN SPACE=190,500 SF

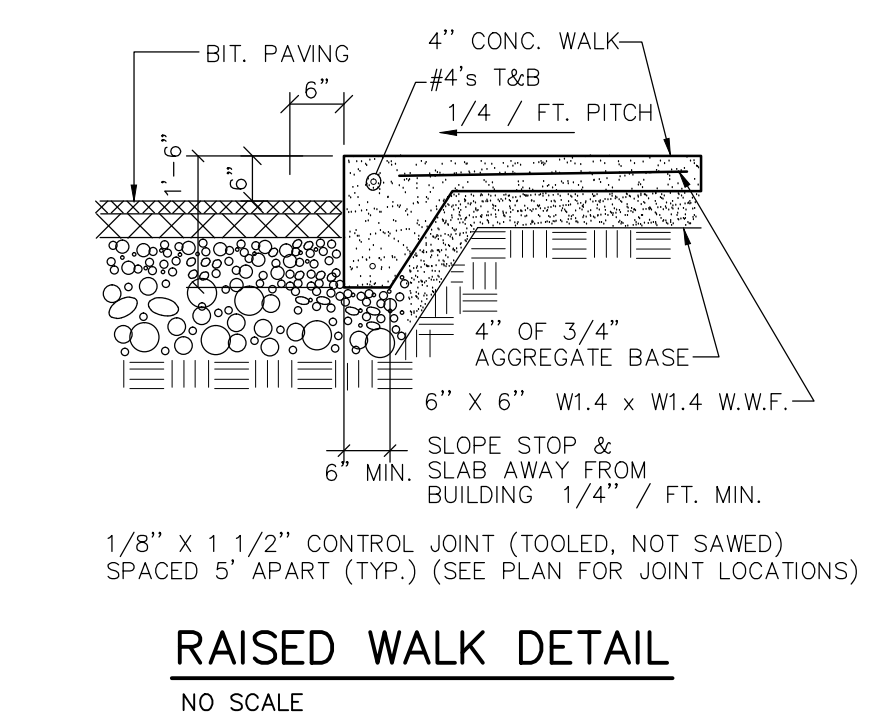
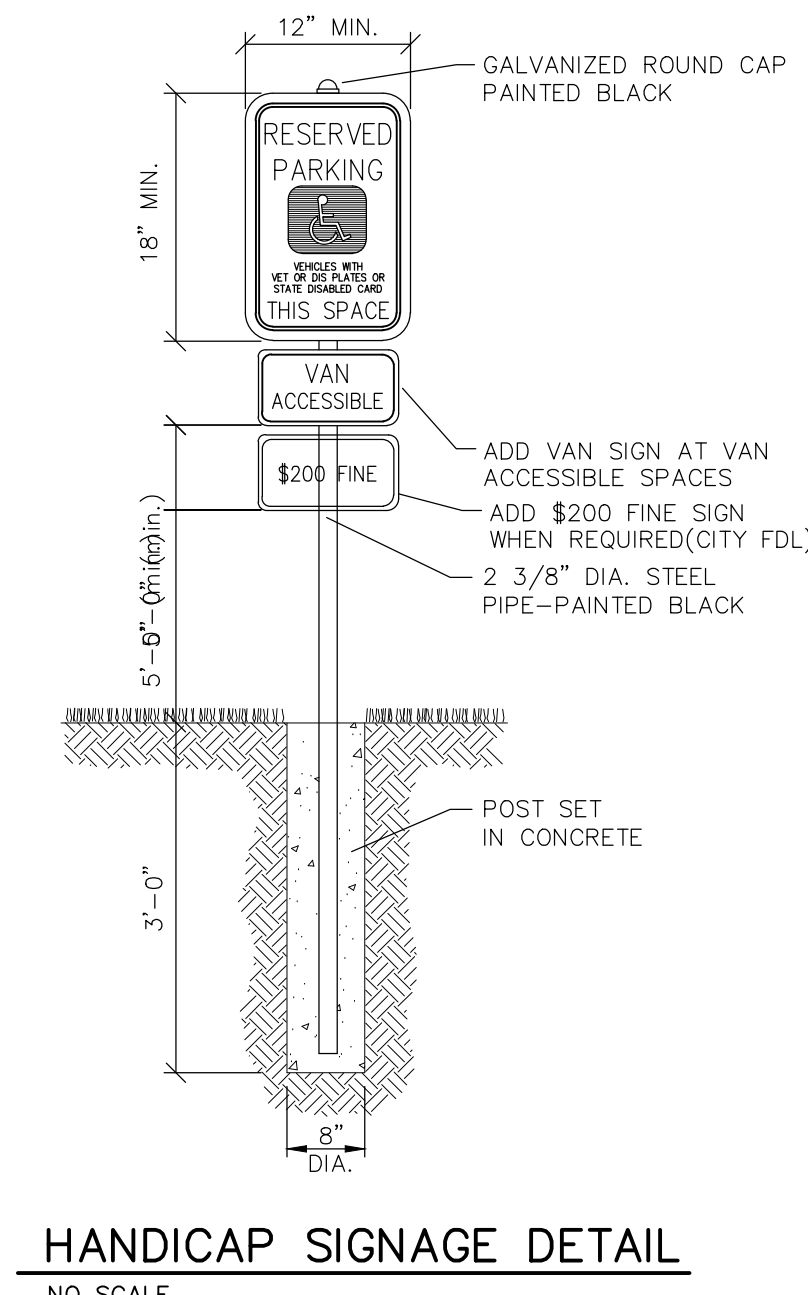
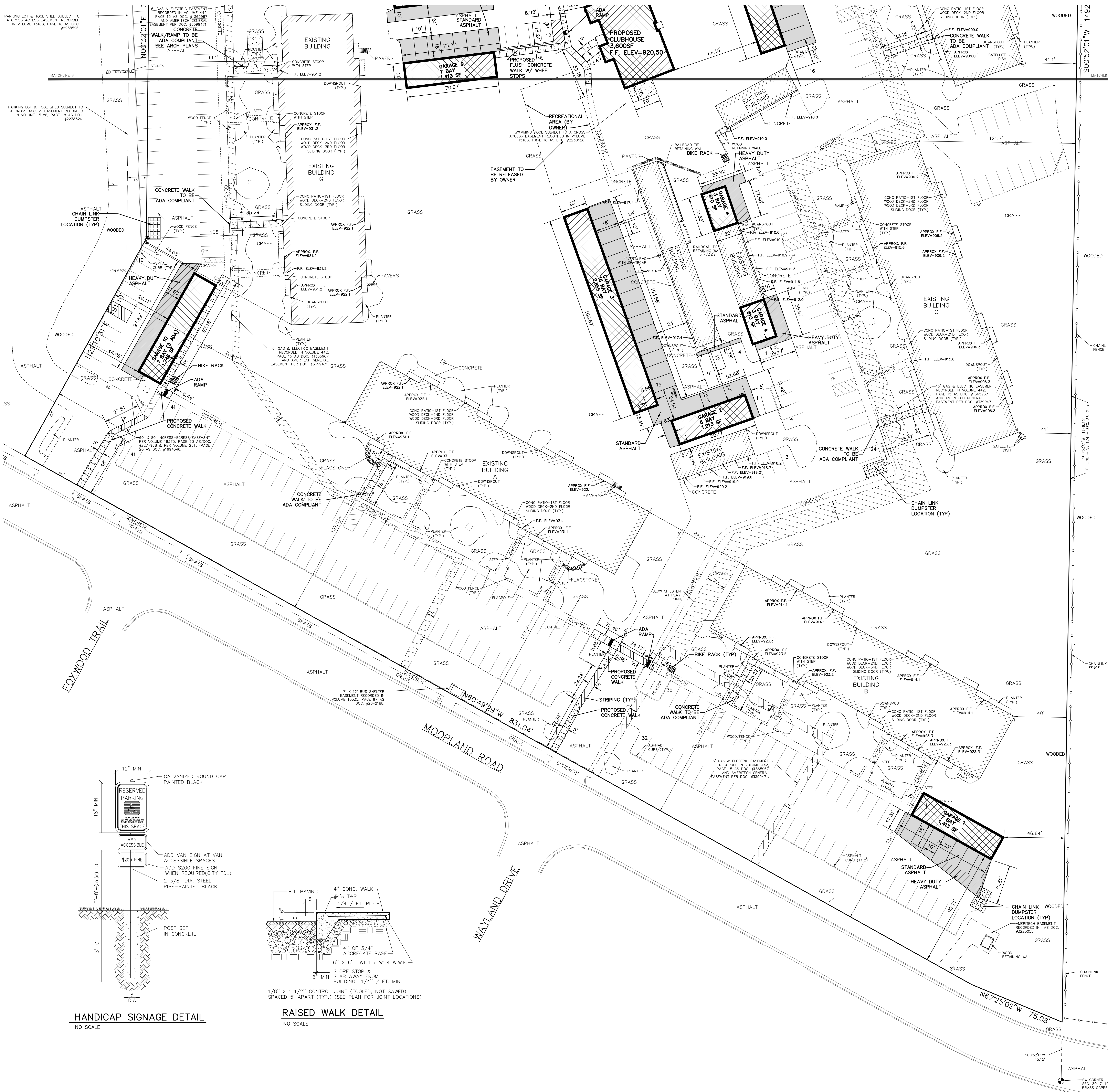
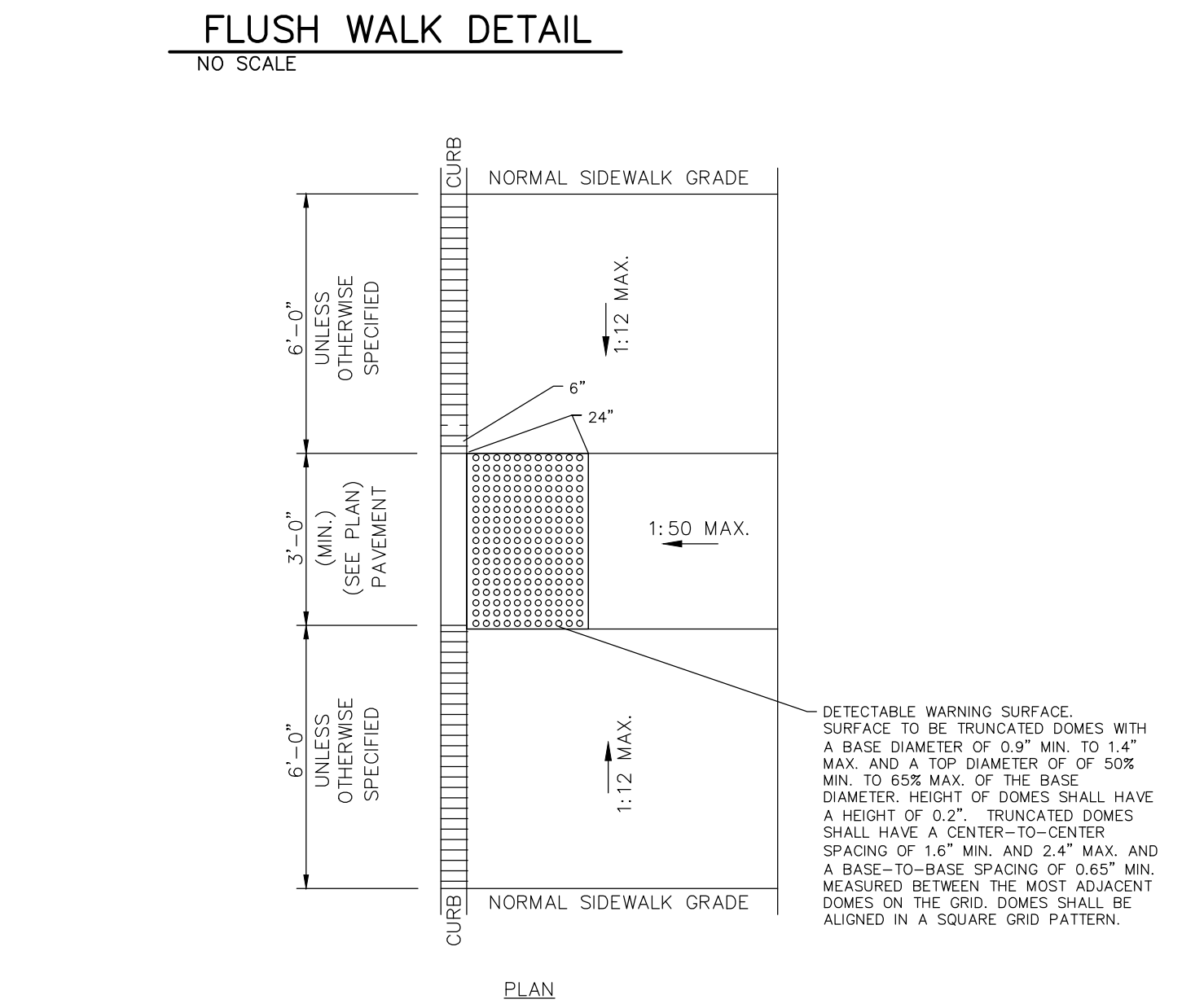
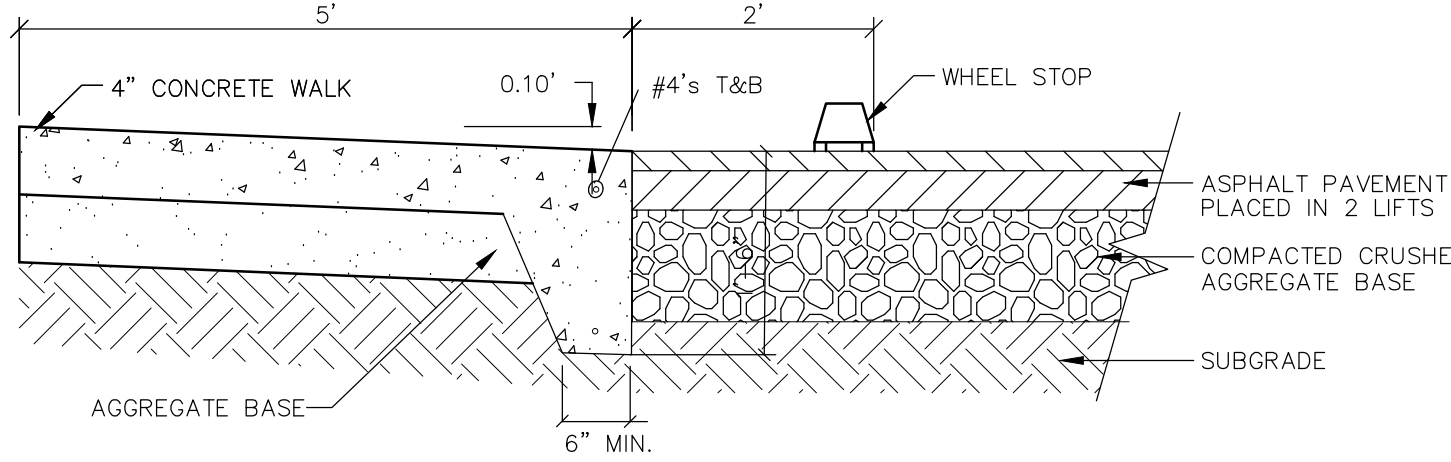
EXISTING SITE DATA

	AREA (AC)	AREA (SF)	RATIO
PROJECT SITE	21.3	928,162	11.3%
BUILDING FLOOR AREA	2.42	105,300	22.7%
PAVEMENT (ASPH. & CONC.)	4.84	210,820	34.1%
TOTAL IMPERVIOUS	7.26	316,120	35.1%
LANDSCAPE/OPEN SPACE	13.16	612,042	65.9%

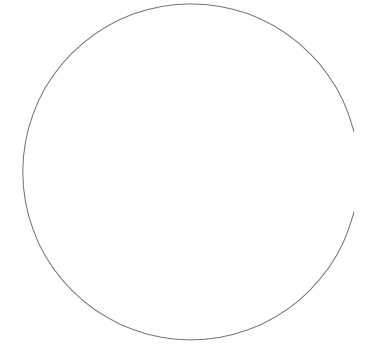
PROPOSED SITE DATA

	AREA (AC)	AREA (SF)	RATIO
BUILDING FLOOR AREA	2.88	125,258	13.5%
PAVEMENT (ASPH. & CONC.)	4.41	200,800	21.6%
TOTAL IMPERVIOUS	7.49	326,058	35.1%
LANDSCAPE/OPEN SPACE	13.82	602,099	64.9%

- PROJECT NOTES**
- GENERAL NOTES:
- EXISTING FIRE LANES ALLOW 500' COVERAGE TO (2) HYDRANTS.
 - EXISTING FIRE LANES ARE USED TO SERVE EXISTING BUILDINGS. PROPOSED BUILDINGS DO NOT EXCEED 30' IN HEIGHT. EX. FIRE LANES CAN ACCOMMODATE 20' WIDTH WITH 28" RADI.
 - EXISTING ASPHALT TO BE PULVERIZED IN PLACE AND OVERLAID.
 - FINAL PARKING LOT STRIPING TO MATCH EXISTING WITH MODIFIED AREAS AS SHOWN ON THE PLANS.
 - CHAIN LINK DUMPSTER ENCLOSURES TO HAVE PRIVACY SLATS.



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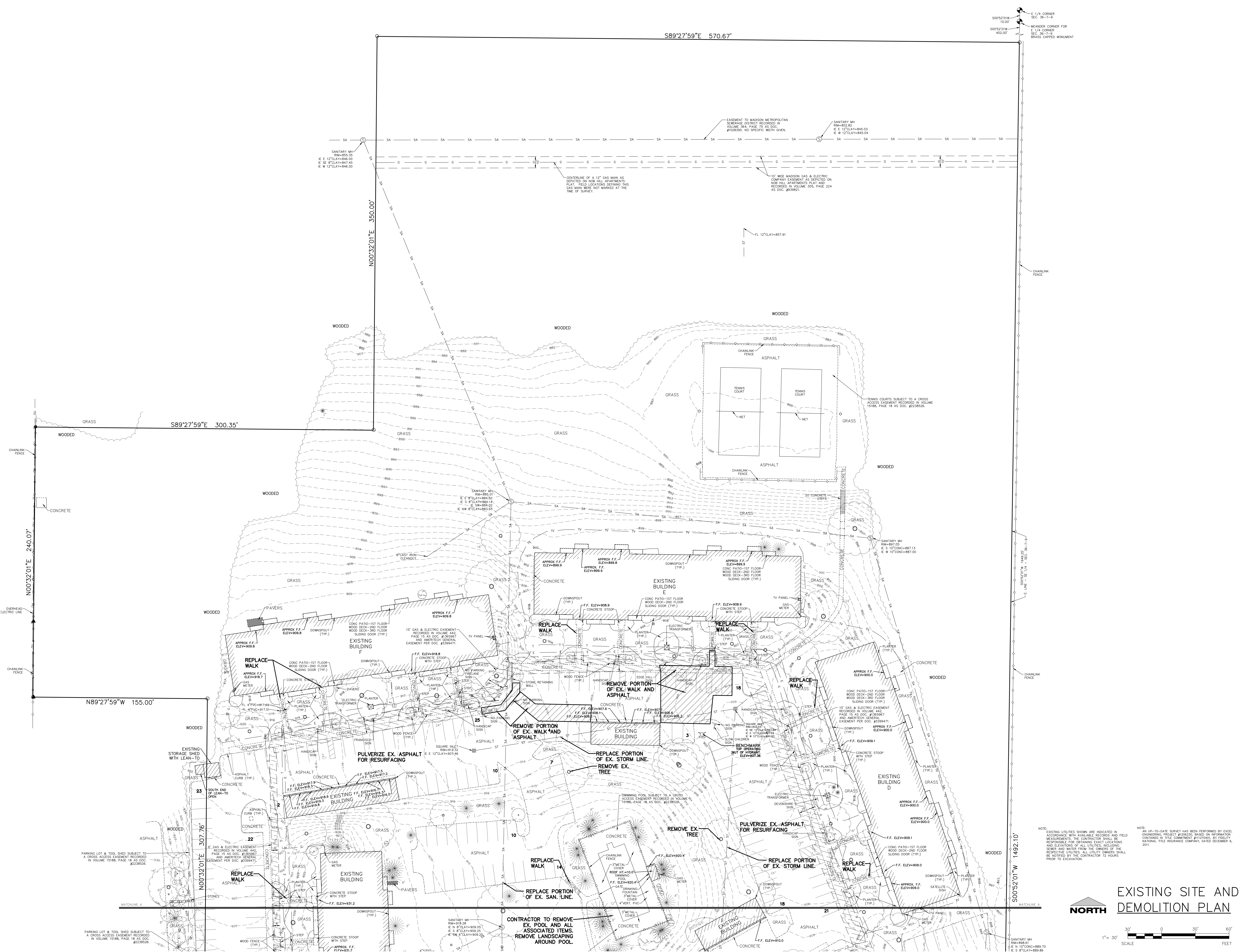
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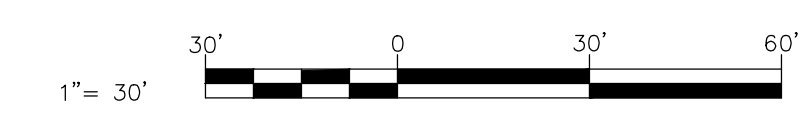
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EXISTING SITE AND DEMOLITION PLAN



PRELIMINARY DRAWING - NOT FOR CONSTRUCTION

