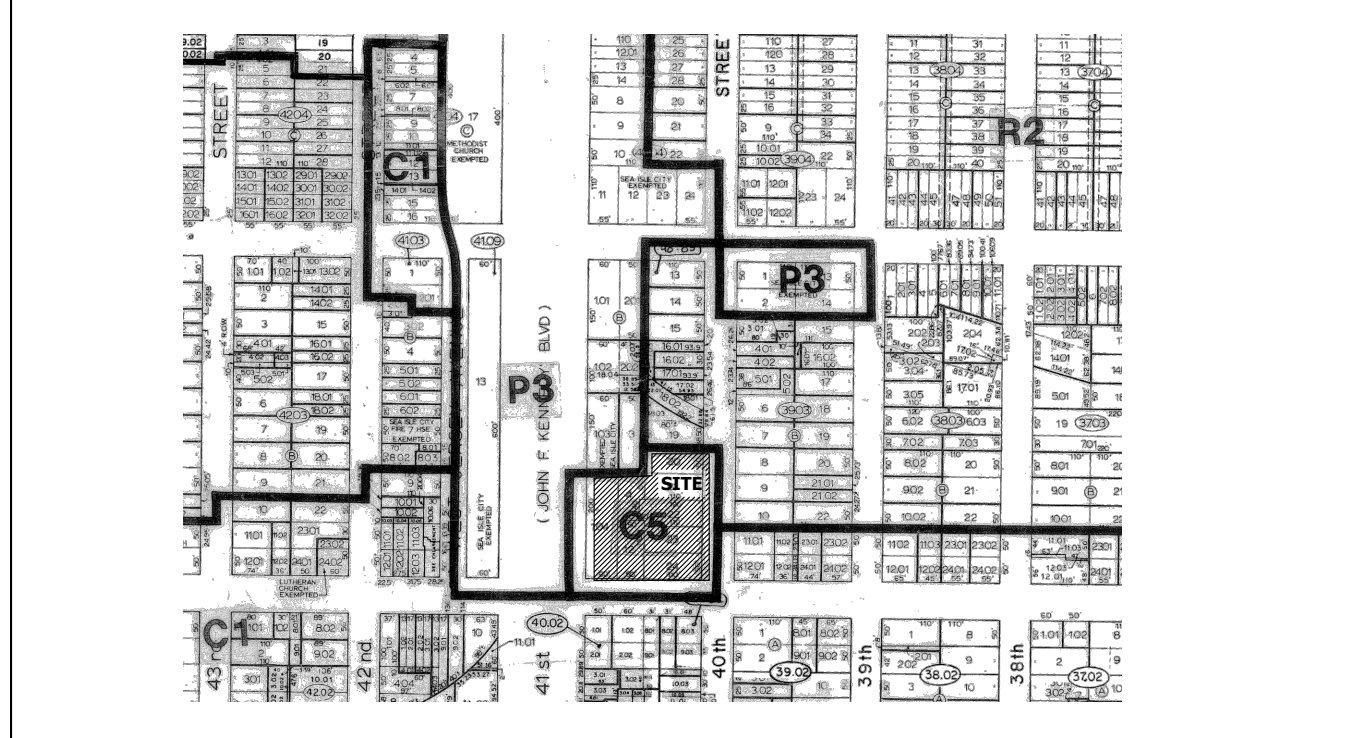
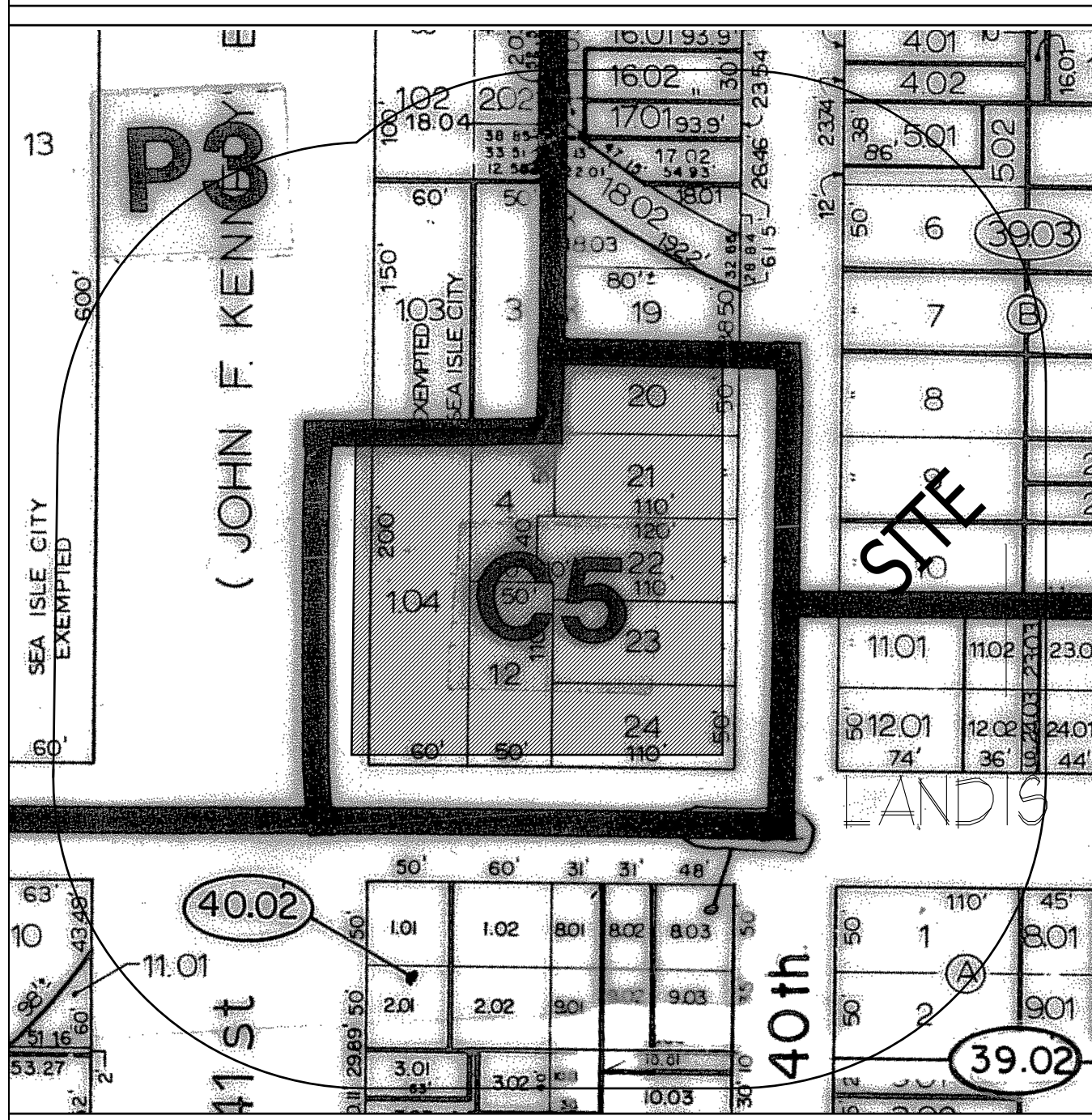


U.S.G.S. MAP SCALE: 1" = 2,400'-0"



ZONING MAP SCALE: 1" = 500'-0"



TAX MAP SCALE: 1" = 100'-0" PAGE 2

GENERAL NOTES
1. THE EXISTING LOT IS A BAR LIQUOR STORE RESTAURANT & HOTEL.
2. THE OWNER IS 4th PLAZA LLC.
3. THE BULK INFORMATION FOR THE SITE AS WELL AS THE PROPOSED DEVELOPMENT IS IDENTIFIED IN THE BULK CHART.
4. LOTS 104, 4, 11, 20, 21, 22, 23 & 24 BLOCK 4000 US LOCATED IN THE C-5 DISTRICT.

Demand/Capacity Summary Worksheet
Project Name: The Ludlam (EXISTING CONDITIONS)
Project Address: 4000 Landis Avenue SIC, NJ
Block/Lot: 1.04,4.12,20,21,22,23 & 24

ALL CALCULATION FOR SEWAGE FLOWS ARE TAKEN FROM NJAJU Co Demand Calculator Worksheet 2020



JOHN F. KENNEDY BLVD ELEVATION

Table listing utility companies and their contact information. Includes South Jersey Gas Company, Verizon Engineering Dept., Cape May Co. Municipal Utilities Authority, and Atlantic City Electric Company.

Table listing adjacent properties with owner names, addresses, and parcel IDs. Includes properties owned by various individuals and companies in the area.

# The Ludlam

## 4000 Landis Ave

APPROVALS CITY PLANNING BOARD
Chairperson: Date
Secretary: Date
Municipal Board Engineer: Date

THE LUDLAM
4000 LANDIS AVENUE
LOTS: 104,4.12,20,21,22,23 & 24
BLOCK: 4000
SEA ISLE CITY, NEW JERSEY

TITLE SHEET
PLANNING BOARD
DOCUMENT

GEORGE WRAY THOMAS PE, PP, RA
Registered Architect
Professional Engineer
P: (609) 927-3330
WWW.GWTHOMAS.NET
599 SHORE ROAD SOMERS POINT NEW JERSEY E 21822

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Revisions: 3-19-24, 3-19-24, 3-19-24, 3-25-24

Date: 11-11-23 File No: 3618

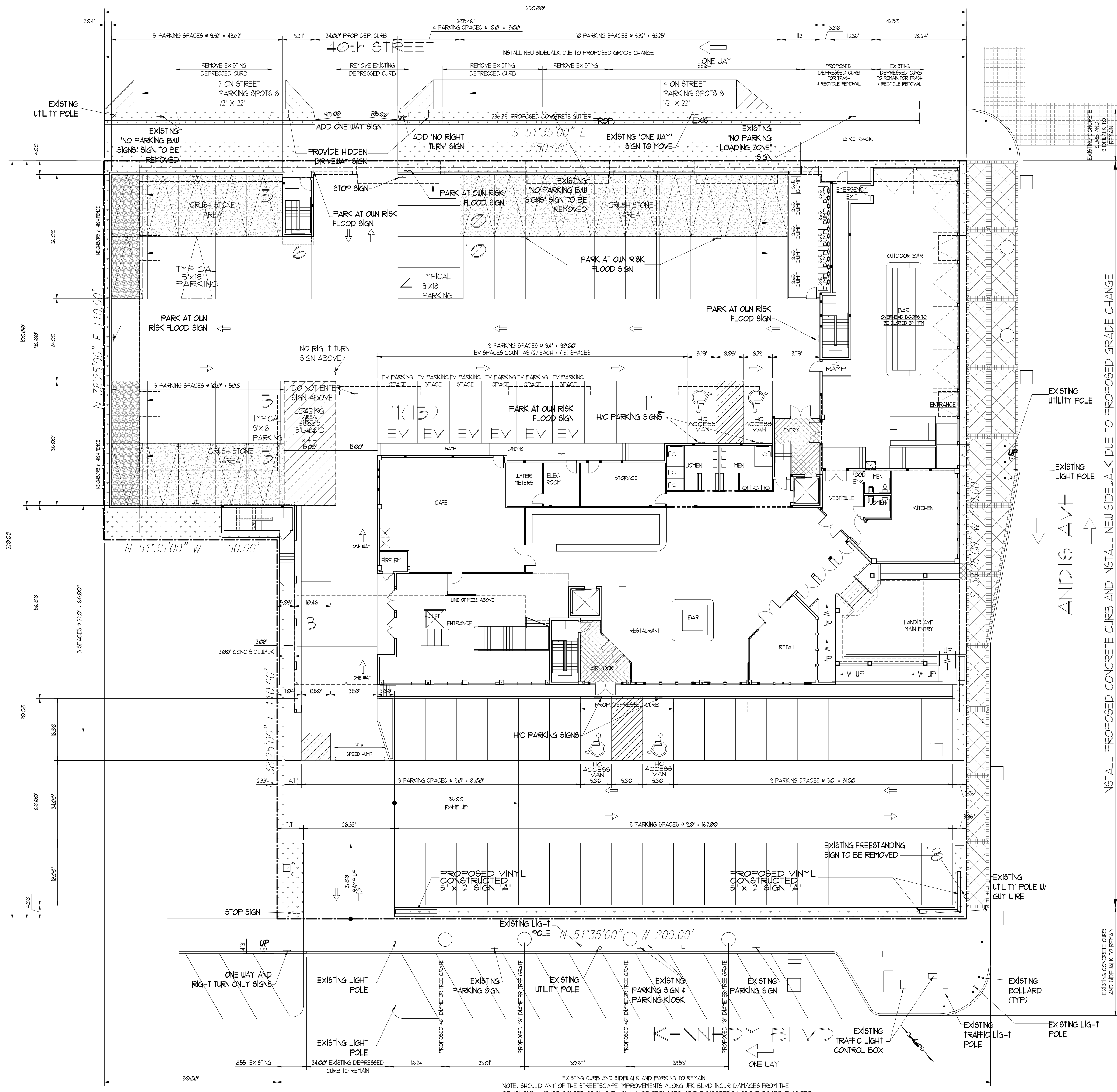
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Drawn: ACB/WAG/RMB Checked: GWT

ZONING PERMITTED EXISTING PROPOSED VARIANCE
USE: MOTEL/RESIDENTIAL/COMMERCIAL
RESIDENTIAL UNIT SIZE: 49,500 SF
DEPTHS: 100'
LANDSCAPING: 25 TREES 250 SHRUBS
SIGNAGE: 80 SF
PARKING SPACES: 116R APTS/UNIT
DESIGN STANDARDS: MASSING 1, MASSING 2, MASSING 3, ARTICULATION 1, ARTICULATION 2, ARTICULATION 3, ARTICULATION 4, ROOF 1, ROOF 2, ROOF 3, ROOF 4, ROOF 5, TRANSPARENCY 1, TRANSPARENCY 2, TRANSPARENCY 3, TRANSPARENCY 4, TRANSPARENCY 5, TRANSPARENCY 6, TRANSPARENCY 7, ENTRANCES 1, ENTRANCES 2, ENTRANCES 3, MATERIALS 1, MATERIALS 2, LIGHTING 1, LIGHTING 2, LIGHTING 3, AWNINGS AND CANOPIES 1, AWNINGS AND CANOPIES 2

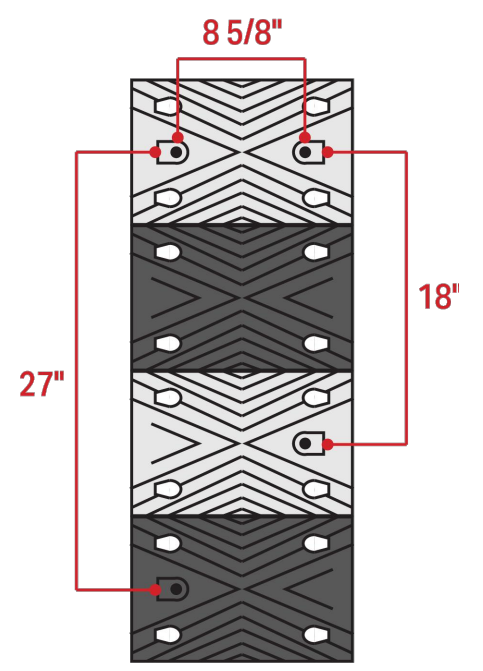
IMPERVIOUS SQUARE FOOTAGE TOTALS
BUILDING: 15,441 SF
ASPHALT: 11,156 SF
CONCRETE: 16,233 SF
DECKS: 563 SF
TOTAL IMPERV.: 43,393 SF
EXISTING: 31,233 SF
PROPOSED: 10,623 SF
TOTAL IMPERV.: 49,500 SF





## Specification Sheet Premium Rubber Speed Bump

Description	Dimensions	Weight
6 ft Speed Bump	67" l x 14" w x 2.25" h	53 lbs
10 ft Speed Bump	121" l x 14" w x 2.25" h	100 lbs
14.5 ft Speed Bump	174" l x 14" w x 2.25" h	147 lbs
19 ft Speed Bump	227" l x 14" w x 2.25" h	194 lbs
23.5 ft Speed Bump	281" l x 14" w x 2.25" h	241 lbs
4.5 ft Bump Section	54" l x 14" w x 2.25" h	45 lbs
1 End Cap Section	7" l x 14" w x 2.25" h	4 lbs



### Material

Recycled Rubber with molded yellow/black rubber stripes

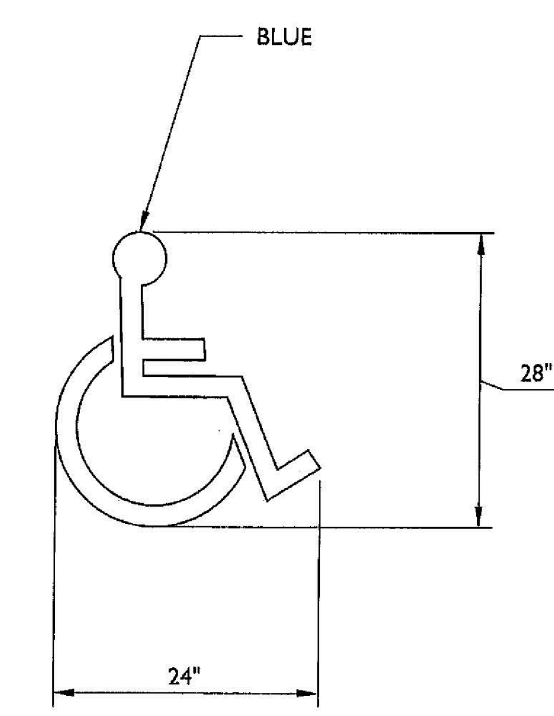


SPEC FROM TREETOP PRODUCTS 222 STATE ST. BATAVIA, IL 60510

**PARKING CHART**

(6) EV PARKING SPACES, EACH COUNTING AS (2) = (12) SPACES  
 (10) TYPICAL PARKING SPACES  
 (20) STACKED PARKING SPACES

**TOTAL = (102) PARKING SPACES**



STROKE WIDTH: MINIMUM/STANDARD = 3"

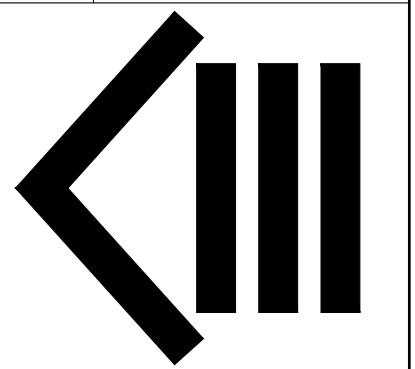
ADA SYMBOL DETAIL

LOTS 104, 4, 12, 20, 21, 22, 23 & 24 BLOCK 40.03  
 C-5 (26) HOTEL SUITES, (20) RESIDENCES, RESTAURANT, BAR AND HOTEL  
 LOT AREA : 49,500 SF  
 BUILDING COVERAGE: 34,950 SF, 70.61% (47,025 SF, 95% PERMITTED)  
 IMPERV COVERAGE: 46,871 SF, 94.69% (47,025 SF, 95% PERMITTED)  
 AVERAGE GRADE: VARIES  
 EL FIRST FLOOR: + 8.5'  
 RIDGE HEIGHT: 43.01' from +12'  
 PROPOSED STRUCTURES TO HAVE GUTTERS AND DOWN SPOUTS  
 BASE FLOOD ELEVATION = +9.0 NAVD  
 DESIGN FLOOD ELEVATION = +12.0 NAVD (FLOOD PROTECTION TO 12" ABOVE DFE = +12.0 NAVD)  
 ALL ENCLOSED AREAS BELOW DFE SHALL BE WET OR DRY FLOODPROOFED IN ACCORDANCE WITH ASCE 24-14, FEMA AND NFIP REGULATIONS, REFER TO SHEET PB-13 FOR ADDITIONAL INFORMATION.  
 NOTE: SHOULD ANY OF THE STREETScape IMPROVEMENTS ALONG JFK BLVD INCUR DAMAGES FROM THE DEMOLITION AND/OR CONSTRUCTION, THEY SHALL BE REPLACED AT THE DISCRETION OF THE BOARD ENGINEER

THE LUDLAM  
 4000 LANDIS AVENUE  
 LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
 BLOCK: 40.03  
 SEA ISLE CITY, NEW JERSEY

SITE & PARKING GARAGE  
 GEOMETRY PLAN  
 ZONING BOARD DOCUMENT

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 Registered Architect  
 Professional Engineer  
 P: (609) 927-5050 F: (609) 927-3330  
 WWW.GWTHOMAS.NET  
 599 SHORE ROAD SOMERS POINT NEW JERSEY  
 G.W. Thomas  
 A 09 568  
 E 21822

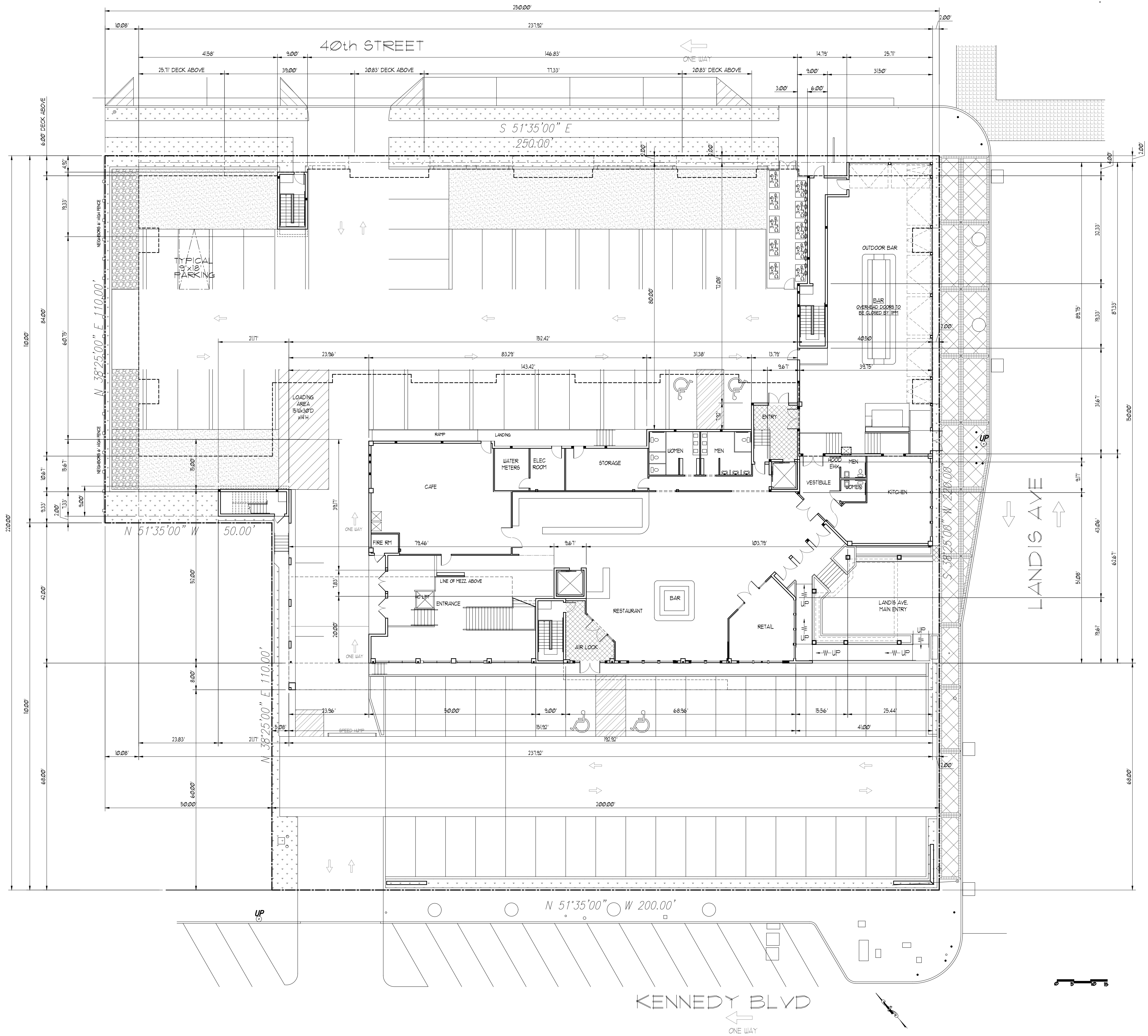


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Checked:	GWT		





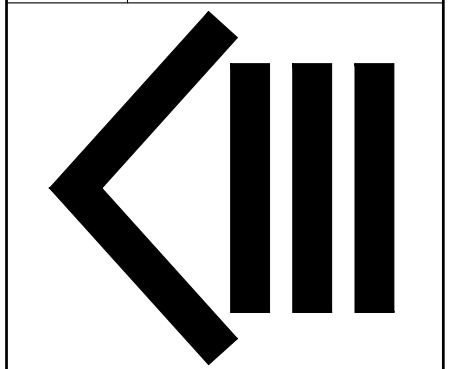
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THE LUDLAM  
4000 LANDIS AVENUE  
LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
BLOCK: 4003  
SEA ISLE CITY, NEW JERSEY

BUILDING GEOMETRY PLAN  
ZONING BOARD DOCUMENT

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599 SHORE ROAD SOMERS POINT NEW JERSEY

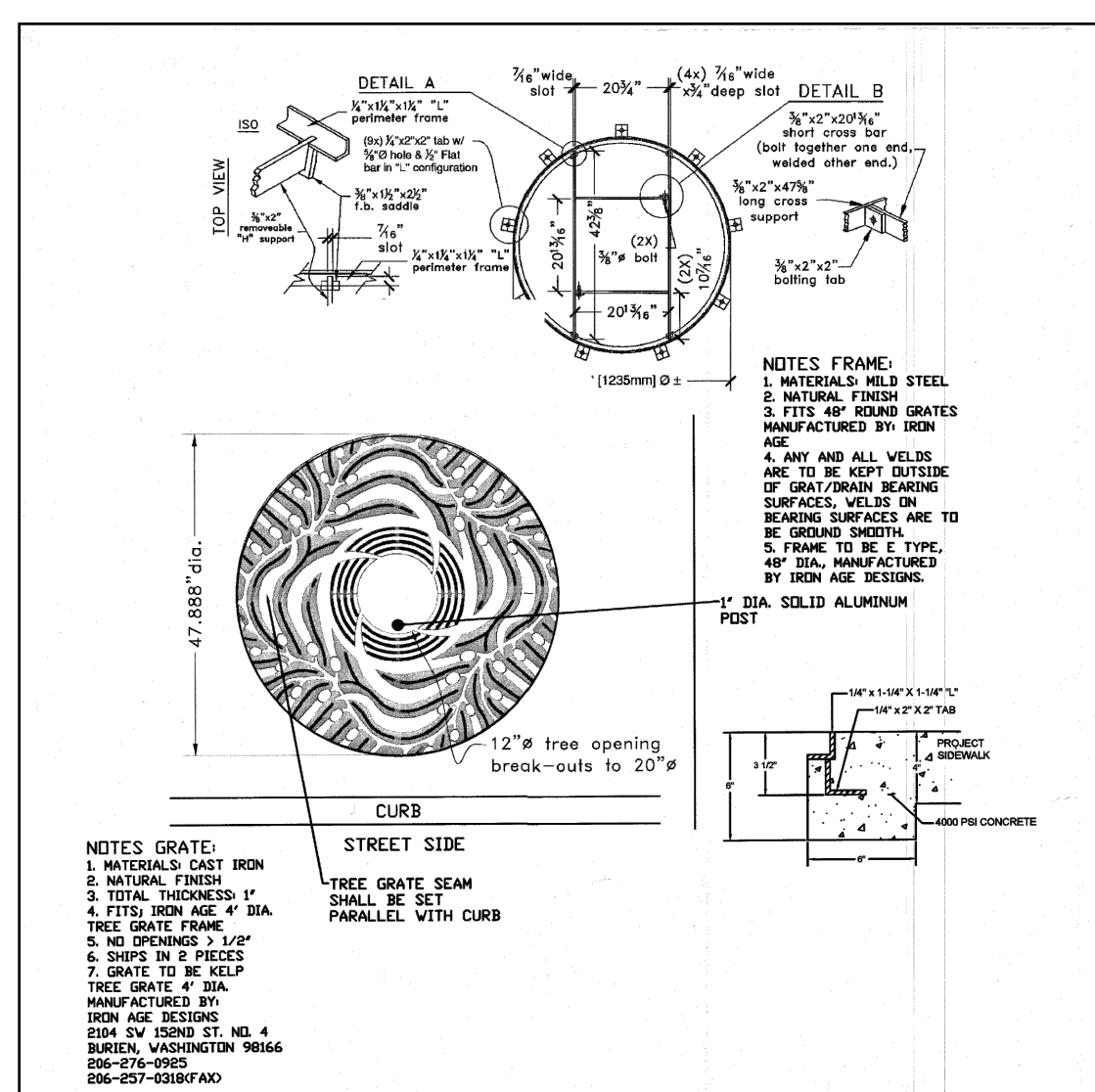


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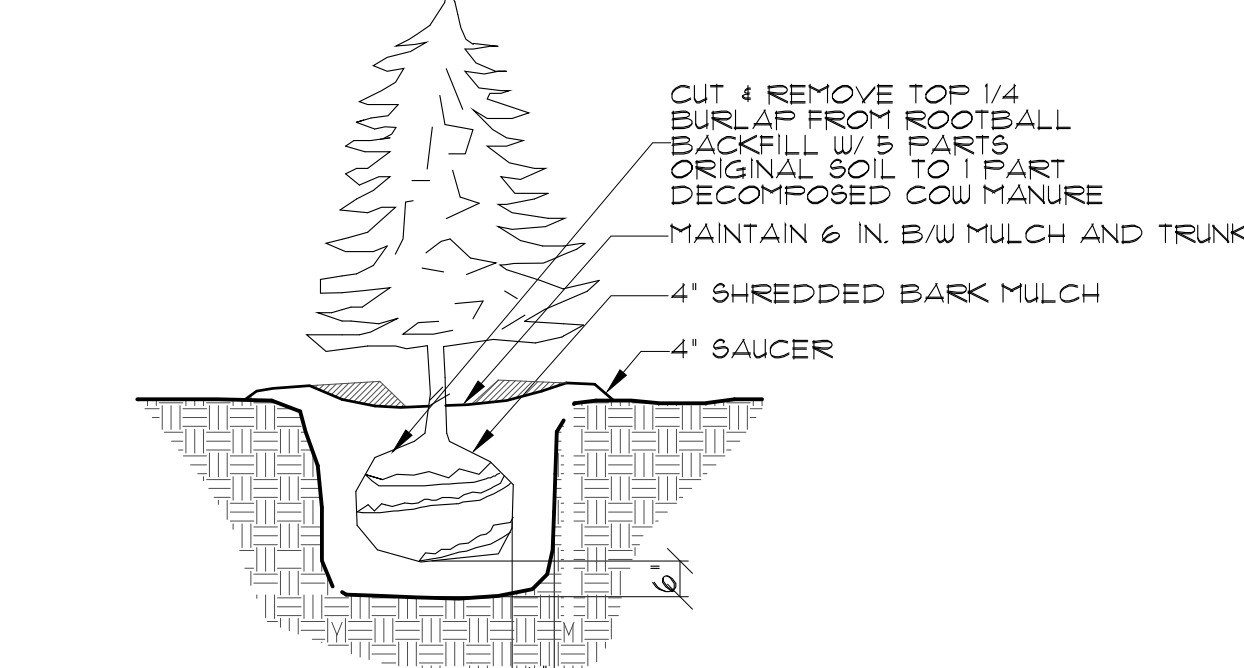
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3-13-24  
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Checked: GWT	PB-2B

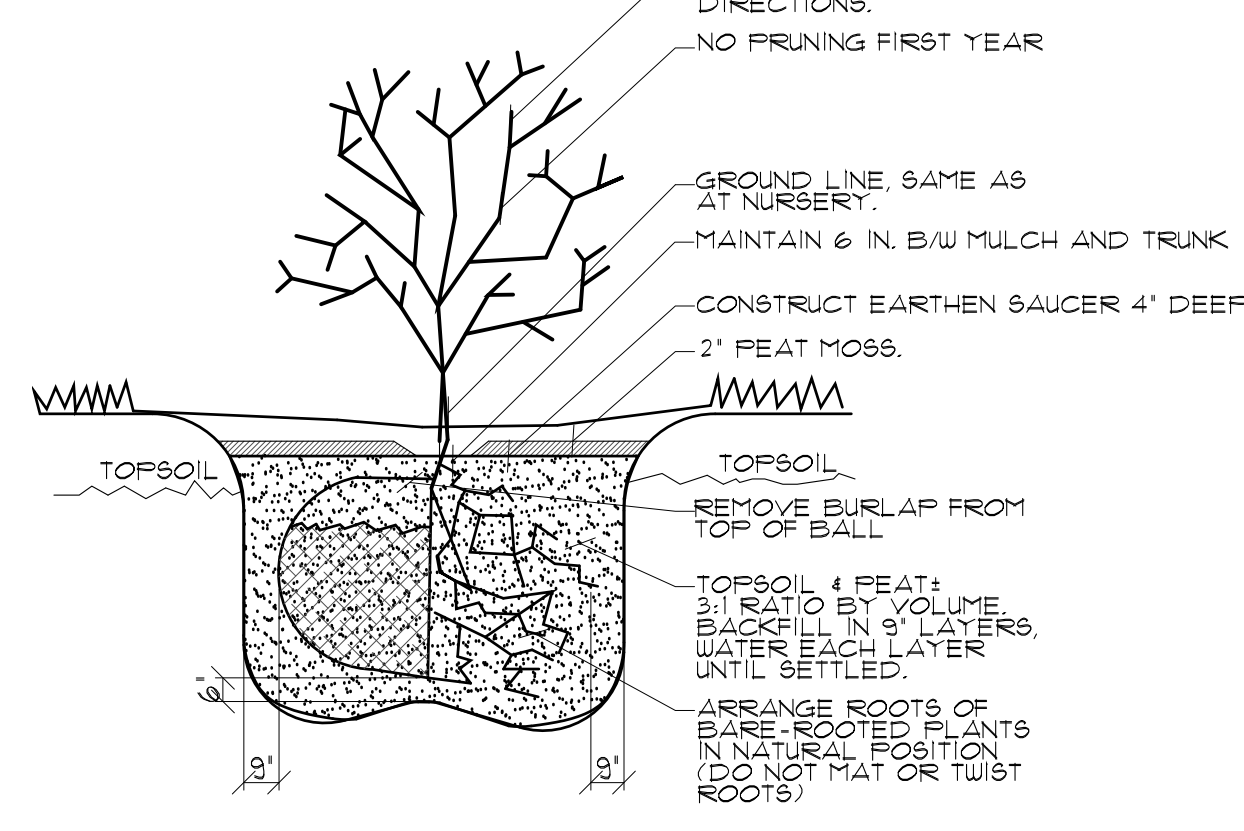




**TREE GRATE DETAIL**  
BY F5 INDUSTRIES MODEL T9B44



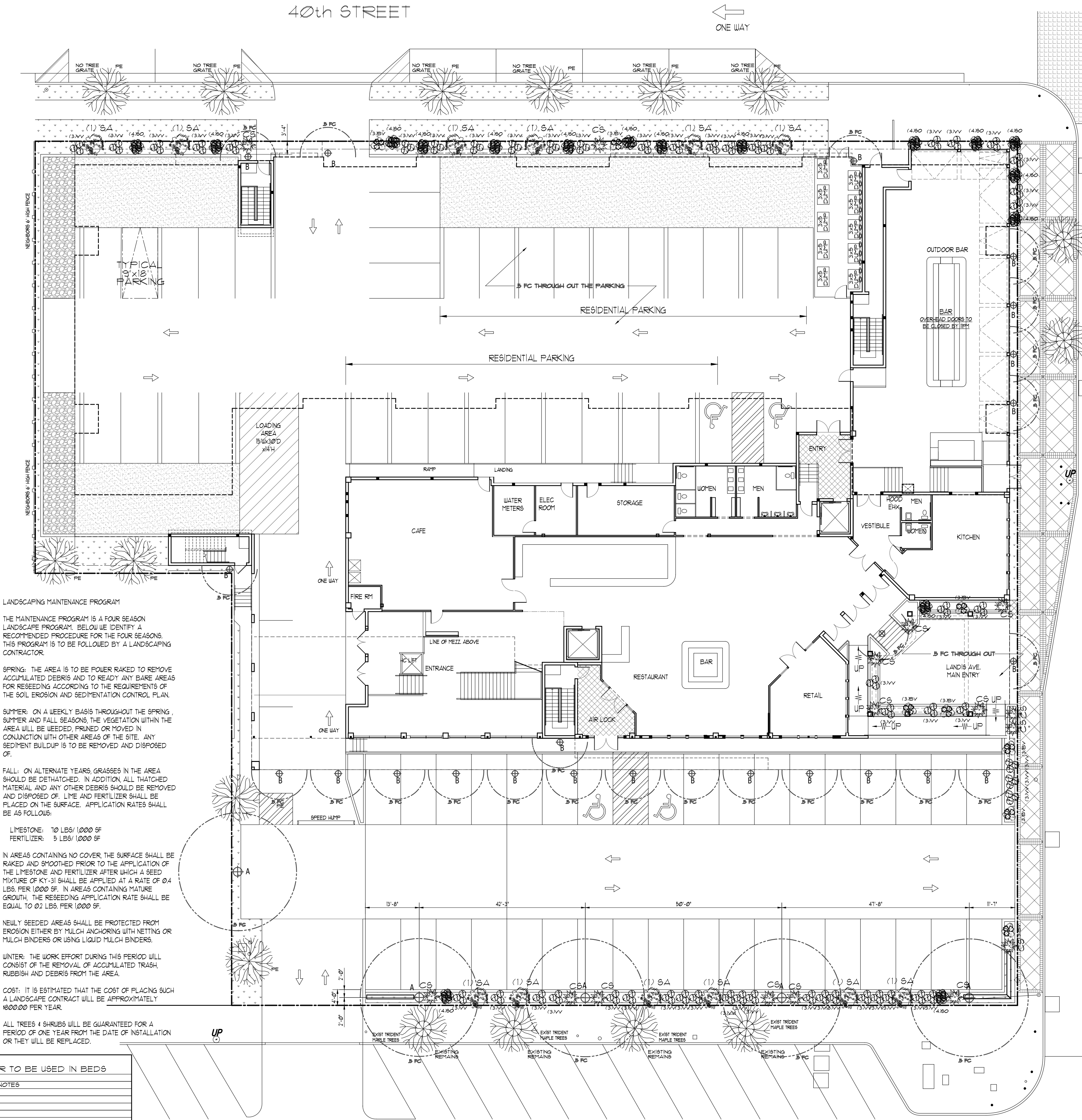
**TYPICAL EVERGREEN TREE PLANTING**



**PLANTING DETAIL: SHRUBS**

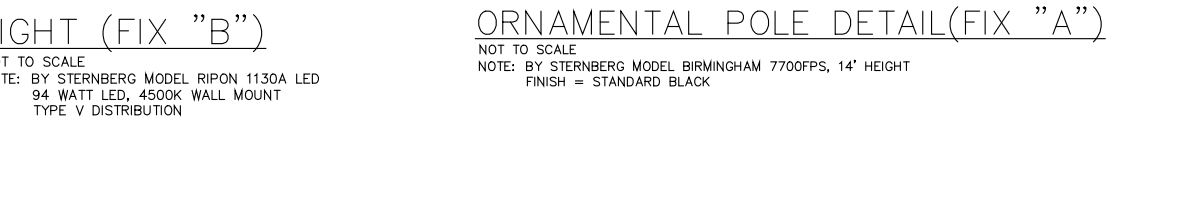
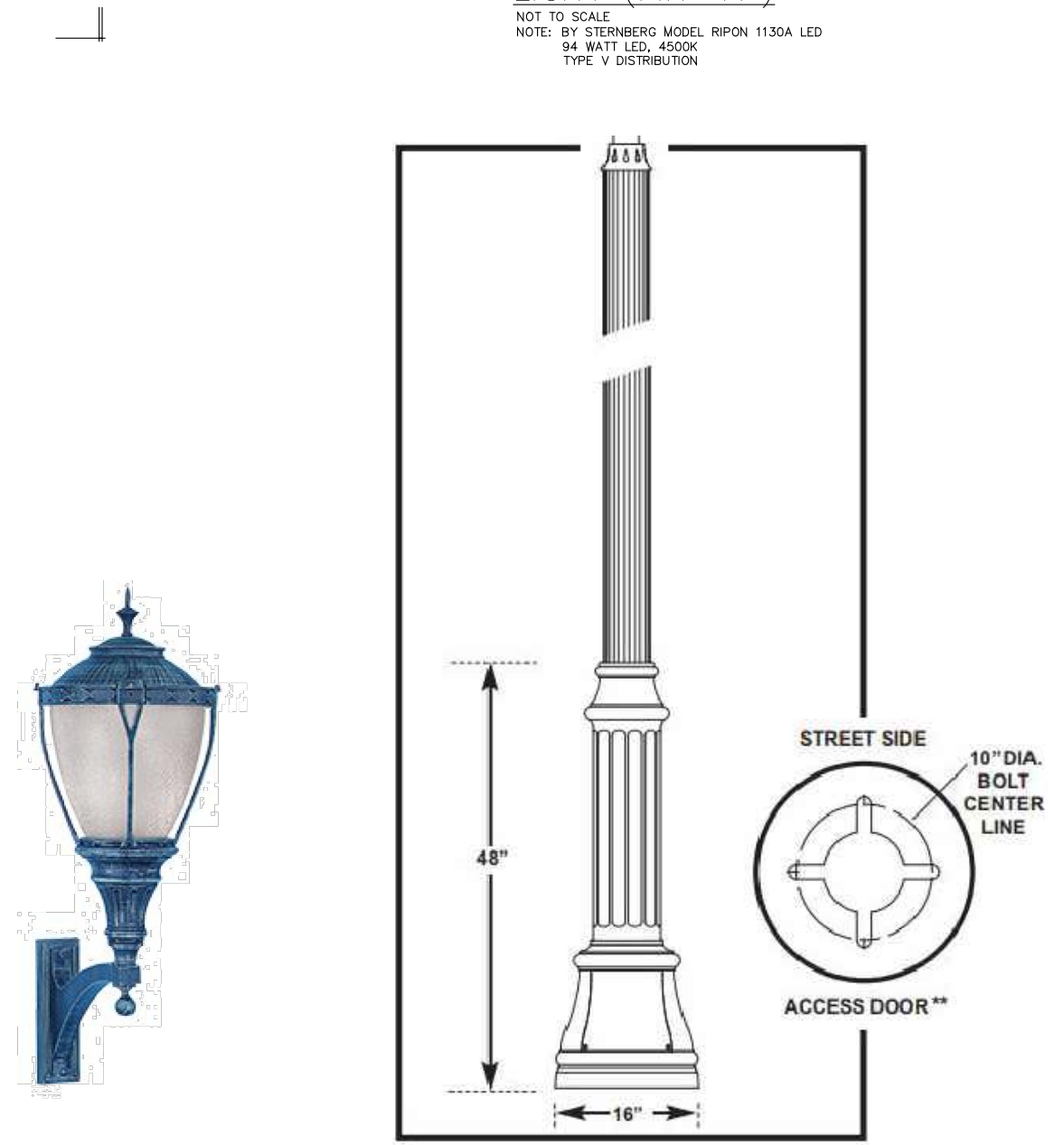
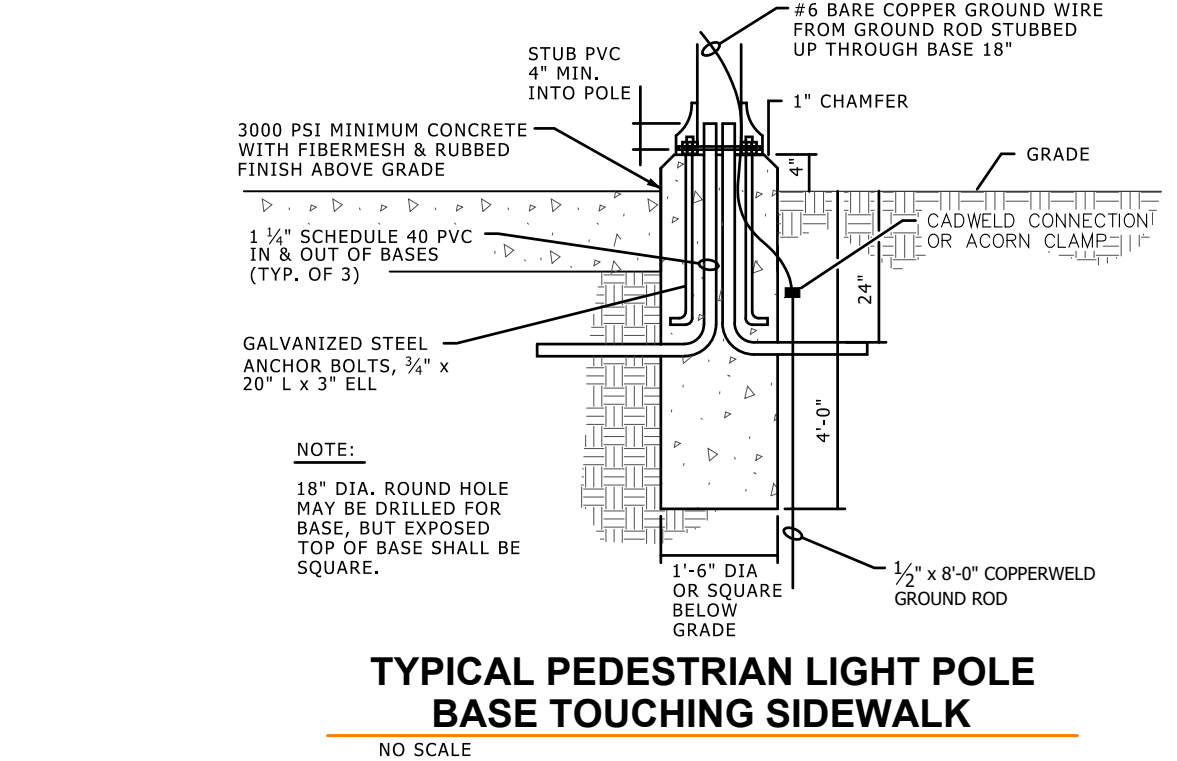
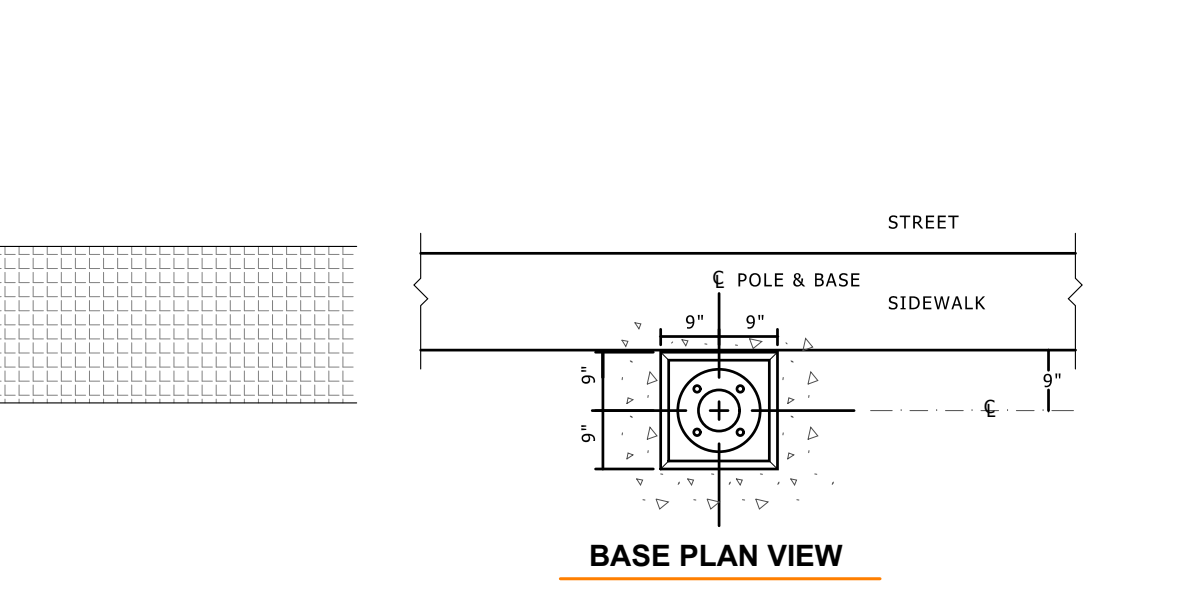
KEY	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	ROOT CAL.	NOTES
SA	SYZYGIUM AUSTRALE	STANDARD LILLY PILLY	22	3'-4"	B/B	
FS	FINUS SYLVESTRIS	SCOTCH PINE	2	8'-10"	B/B	2 1/2" x 3"
JP	FINUS STROBES	WHITE PINE	8	8'-10"	B/B	
JH	JUNIPERUS HORIZONTALIS WILSONI	BLUE RUG JUNIPER	18	2'-4"	B/B	
EP	FINUS MARTINA	BEACH PINE	18	2'-4"	B/B	
BS	CALLUNA VULGARIS	BEACH HEATHER	18	2'-4"	B/B	
NS	MYRTICA PENNSYLVANIA	NORTHERN BAYBERRY	18	2'-4"	B/B	
NC	JUNIPERUS VIRGINIANA	RED CEDAR	6	8'-10"	B/B	
Y	YUCCA FILAMENTOSA	YUCCA	2	YR	B/B	
BY	VERBENA HABSTATA	VERBENA	150	2'-3"	B/B	
AS	ASPHORUS BARKERI	ZEPHYRUS BEACH GRASS	93	2 YR	B/B	
VV	HOLOS LANATUS VARIEGATUS	VARIEGATED VELVET GRASS	93	2 YR	B/B	
FO	FENISTON ALPECUROIDES	FOUNTAIN GRASS	10	2 YR	B/B	
BO	UNICLA PANICULATA	SEA OATS	10	2 YR	B/B	
EO	ELAEAGNUS ANGSTROFIA	RUSSIAN OLIVE	4	8'-10"	B/B	
GO	QUERCUS PALUSTRIS	PISTACHIO	8	10'-10"	B/B	3 1/2" x 4"
AC	ACER BUECHERIANUM	TRIDENT MAPLE	3	10'-10"	B/B	3 1/2" x 4"
CS	PRINCEA PADUA 'CONICA'	DWARF ALBERT SPRUCE	16	2 1/2" x 3 1/2"	B/B	
JR	SOPHORA JAPONICA REGENT	REGENT SCOLORTREES	16	10'-12"	B/B	3 1/2" x 4"

LIGHT DESIGNATION	QUANTITY	TYPE	MODEL	WATTAGE	NOTES
A	25	WALL MOUNT	STERNBERG MODEL RIFFON 130A LED	84 WATT (LED)	
B	5	POLE MOUNT	STERNBERG MODEL RIFFON 130A LED	84 WATT (LED)	POLE MOUNT STERNBERG MODEL BIRMINGHAM 1100RFS 14' HEIGHT



**NOTE:**  
ALL LANDSCAPED AND GRASSES AREAS TO BE IRRIGATED

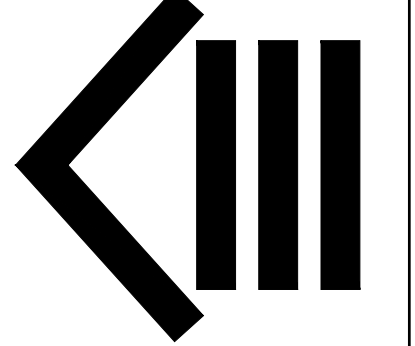
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THE LUDLAM  
4000 LANDIS AVENUE  
LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
BLOCK: 4003  
SEA ISLE CITY, NEW JERSEY

LANDSCAPING AND LIGHTING PLAN  
ZONING BOARD DOCUMENT

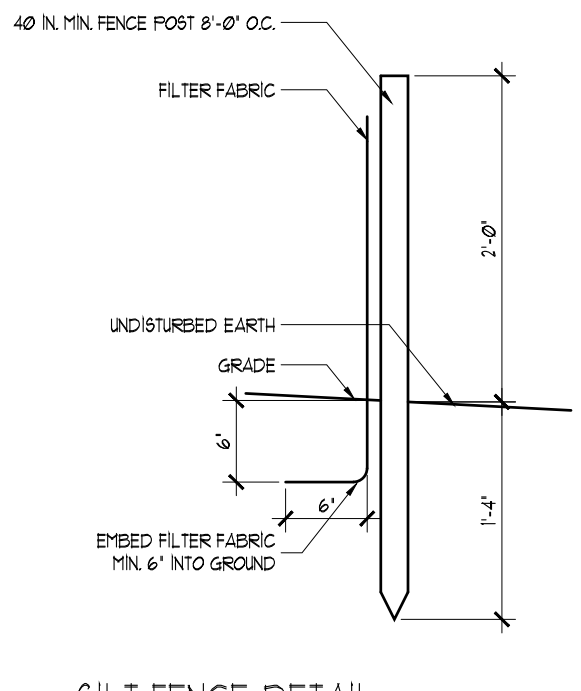
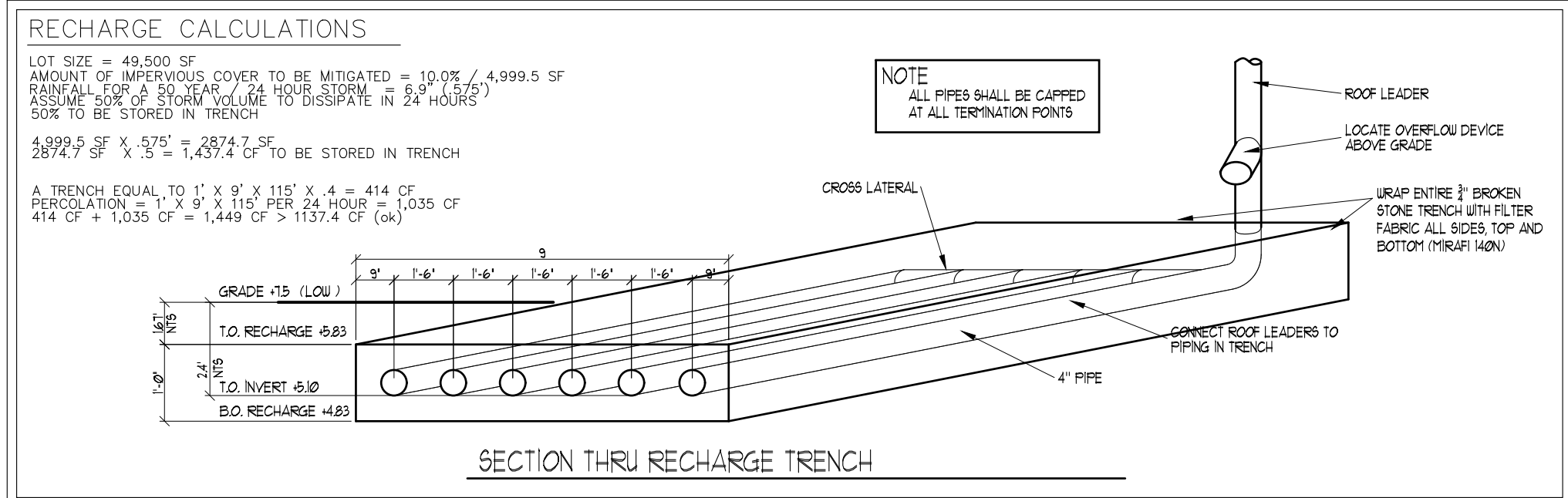
GEORGE WRAY THOMAS PE, PP, RA  
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Professional Engineer  
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WWW.GWTHOMAS.NET  
599 SHORE ROAD  
SOMERS POINT  
NEW JERSEY  
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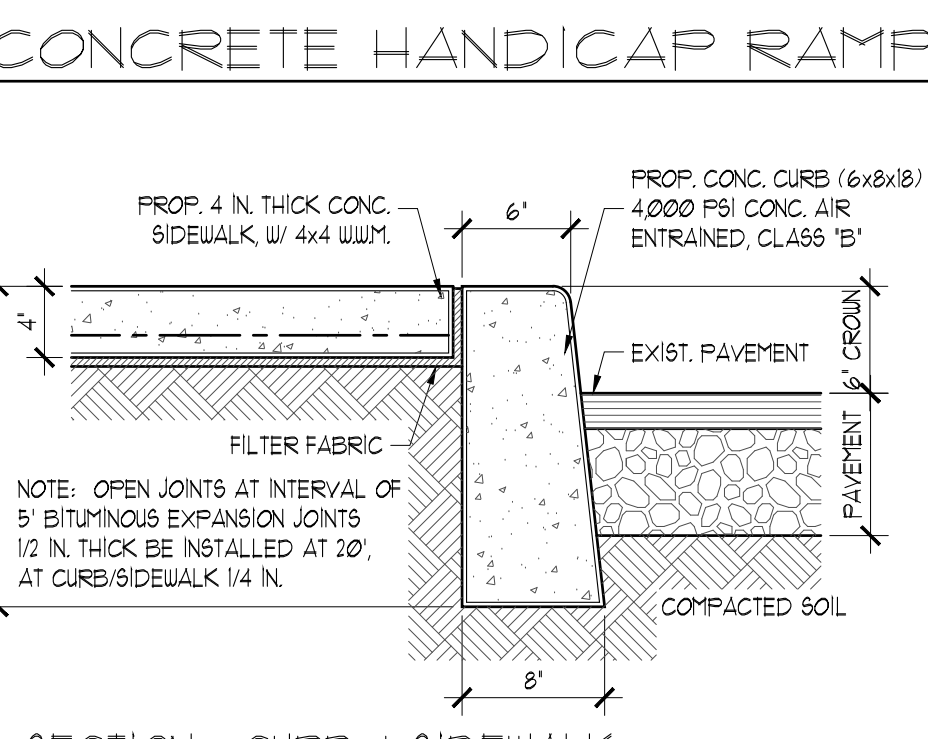
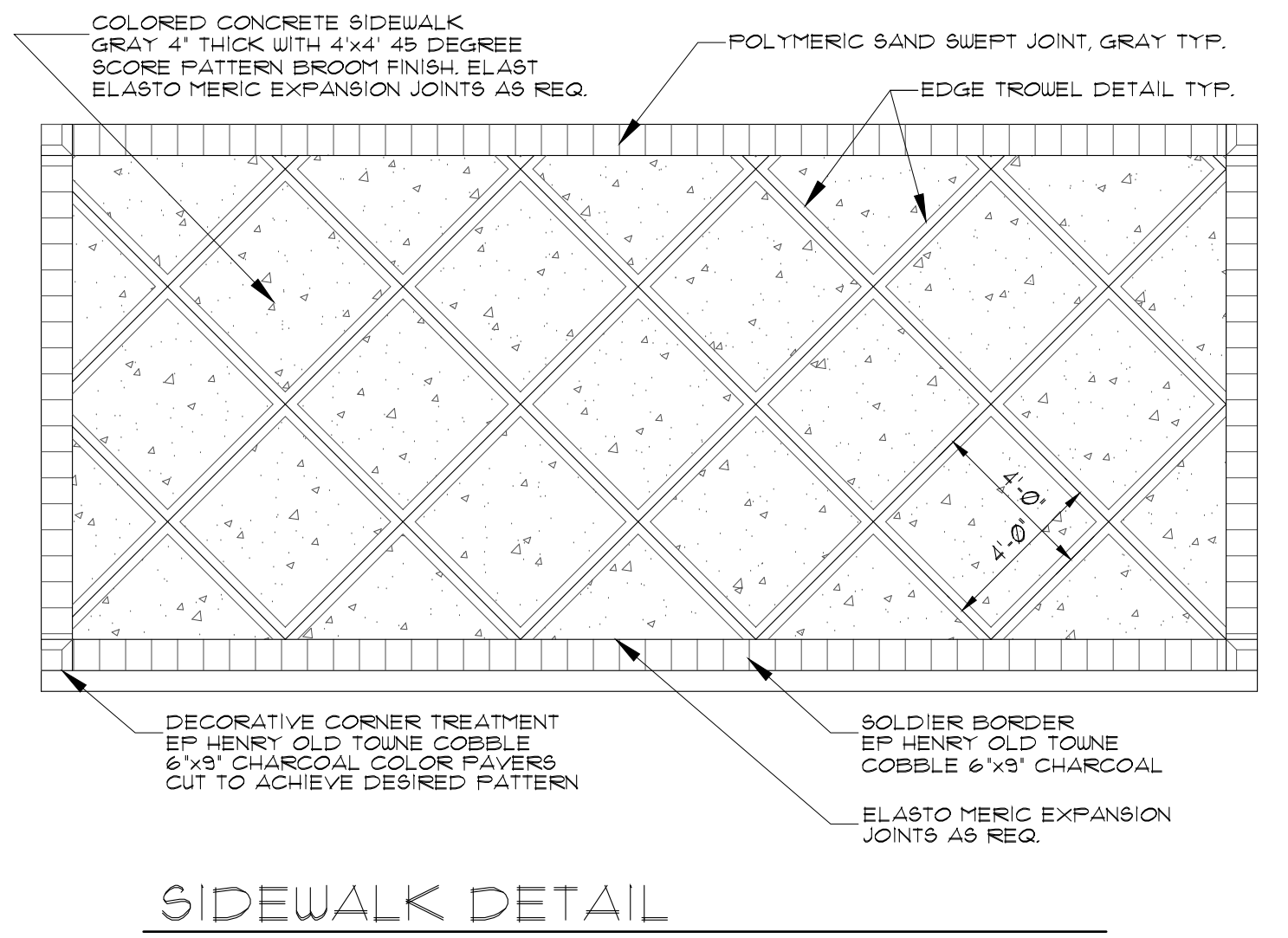
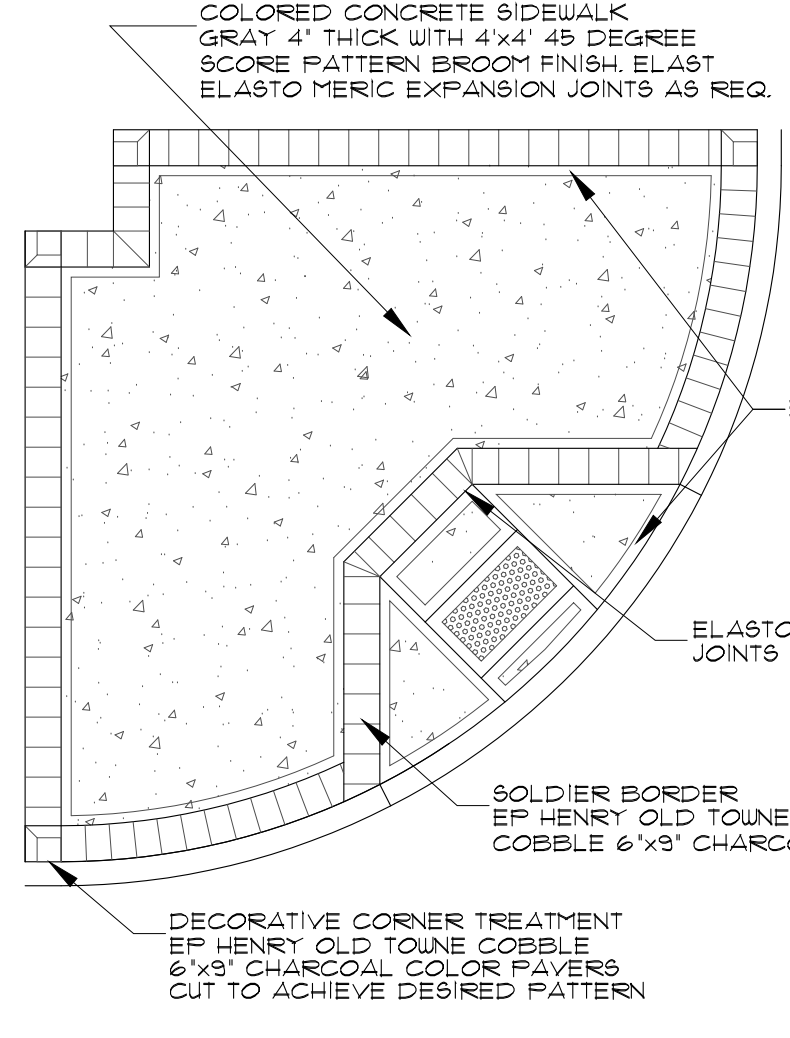
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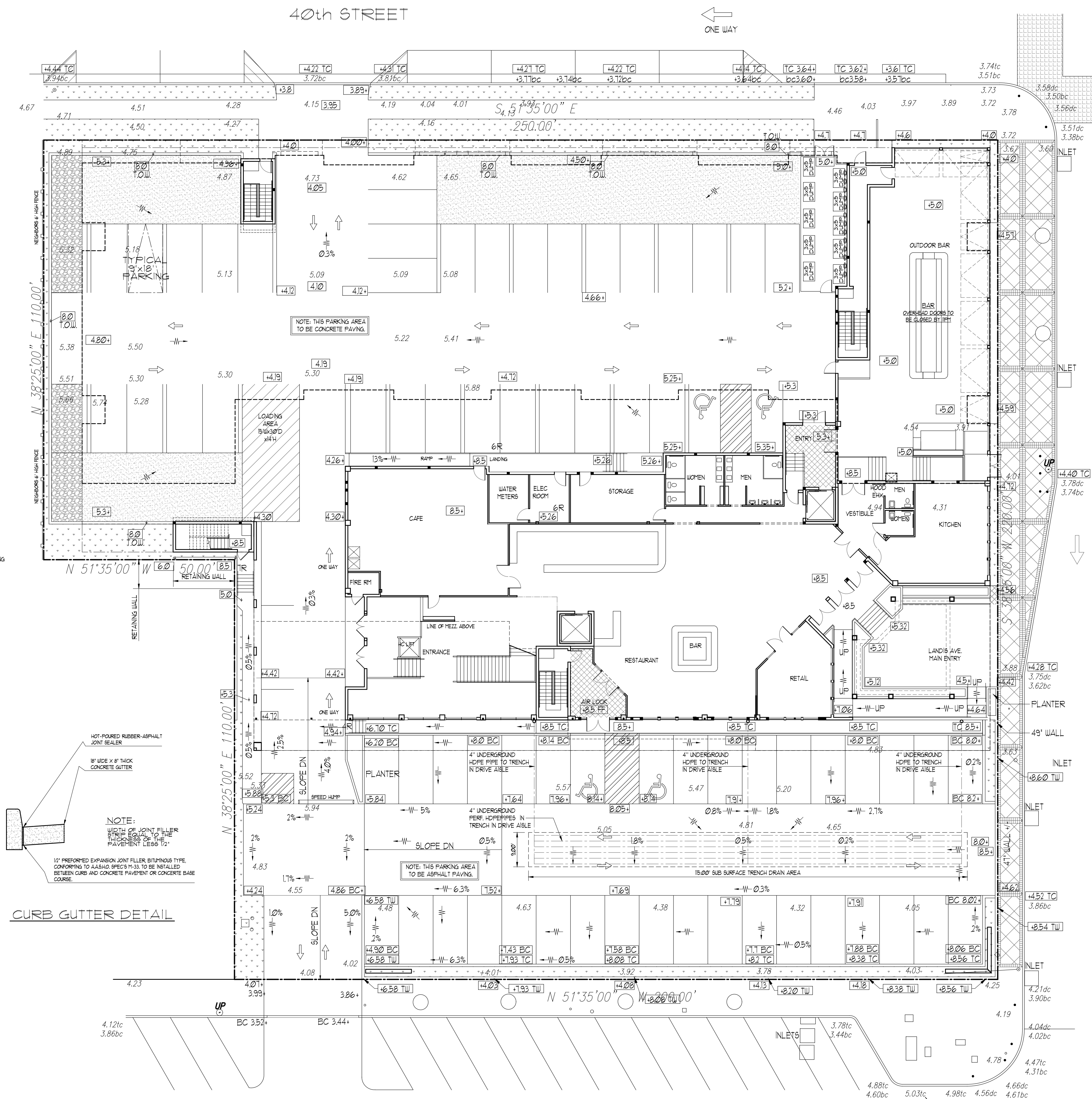
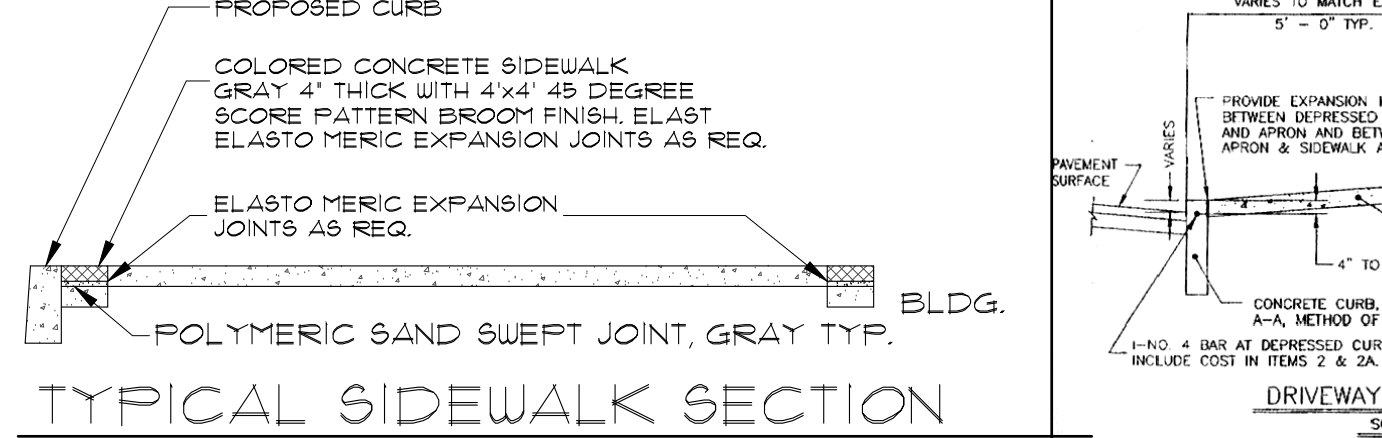
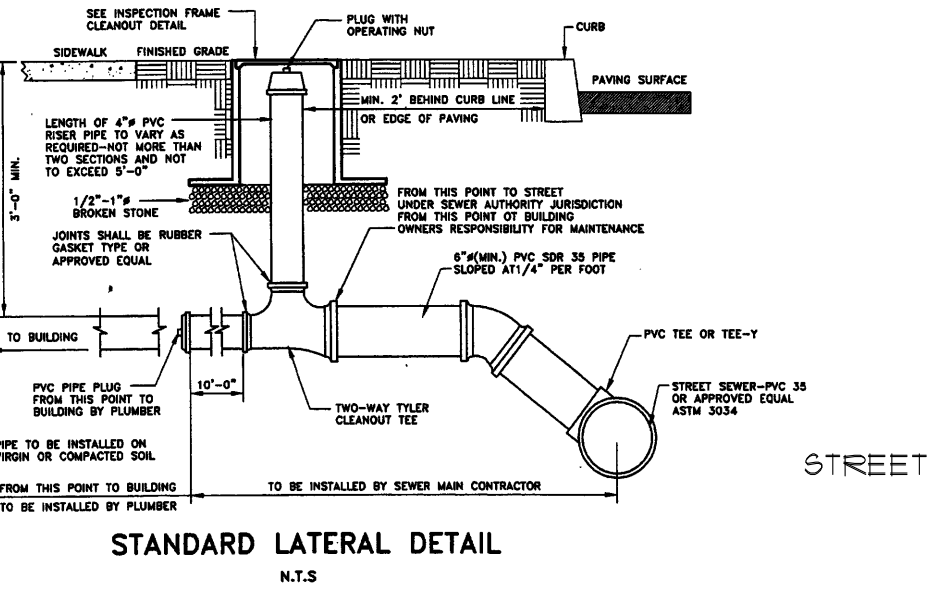
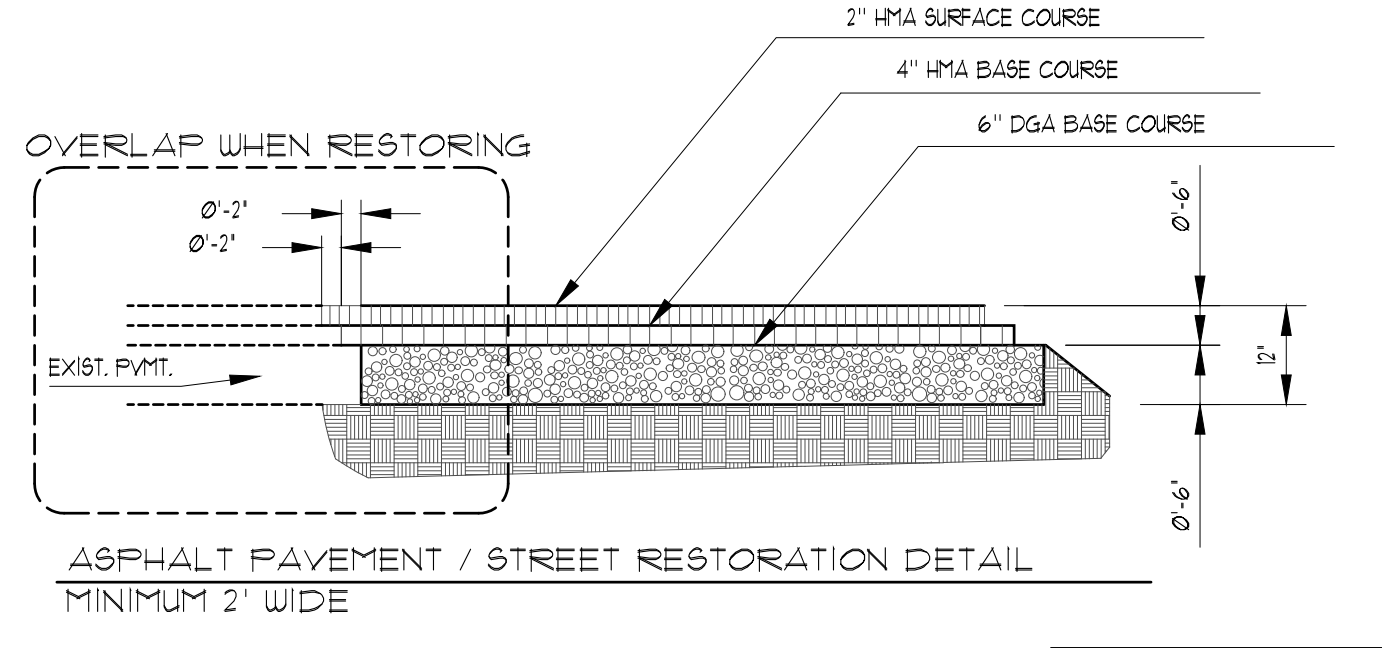




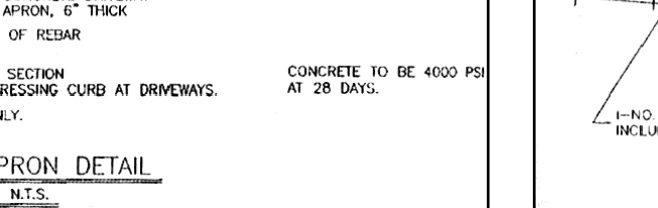
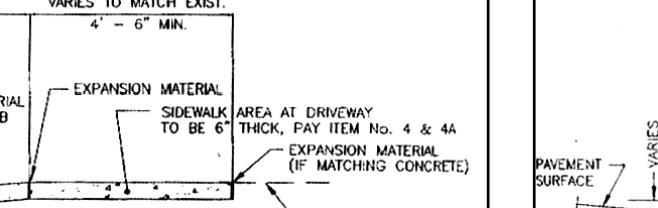
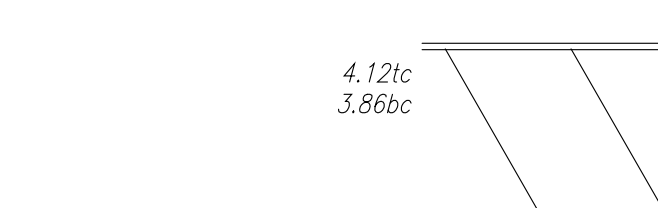
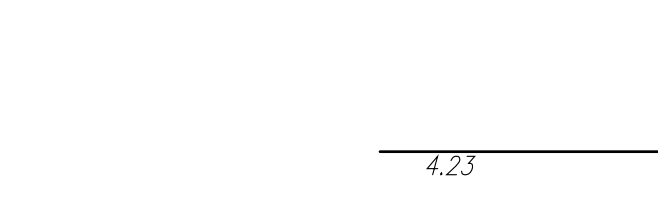
NOTES:  
 1. FILTER FABRIC SHALL BE FASTENED SECURELY TO POSTS WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.  
 2. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 30" AND FOLDED.  
 3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES DEVELOP IN SILT FENCE.



NOTE: MAX. CROSS SLOPE 2%



NOTE:  
 WIDTH OF JOINT FILLER SHALL BE 1/2\"/>



**THE LUDLAM**  
 4000 LANDIS AVENUE  
 LOT 5: 104, 4, 12, 20, 21, 22, 23 & 24  
 BLOCK: 4003  
 SEA ISLE CITY, NEW JERSEY

**GRADING AND DRAINAGE PLAN**  
 ZONING BOARD DOCUMENT

**GEORGE WRAY THOMAS PE, PP, RA**  
 Registered Architect  
 Professional Engineer  
 P: (609) 927-5050 F: (609) 927-3330  
 WWW.GWTHOMAS.NET  
 599 SHORE ROAD SOMERS POINT NEW JERSEY E 21822

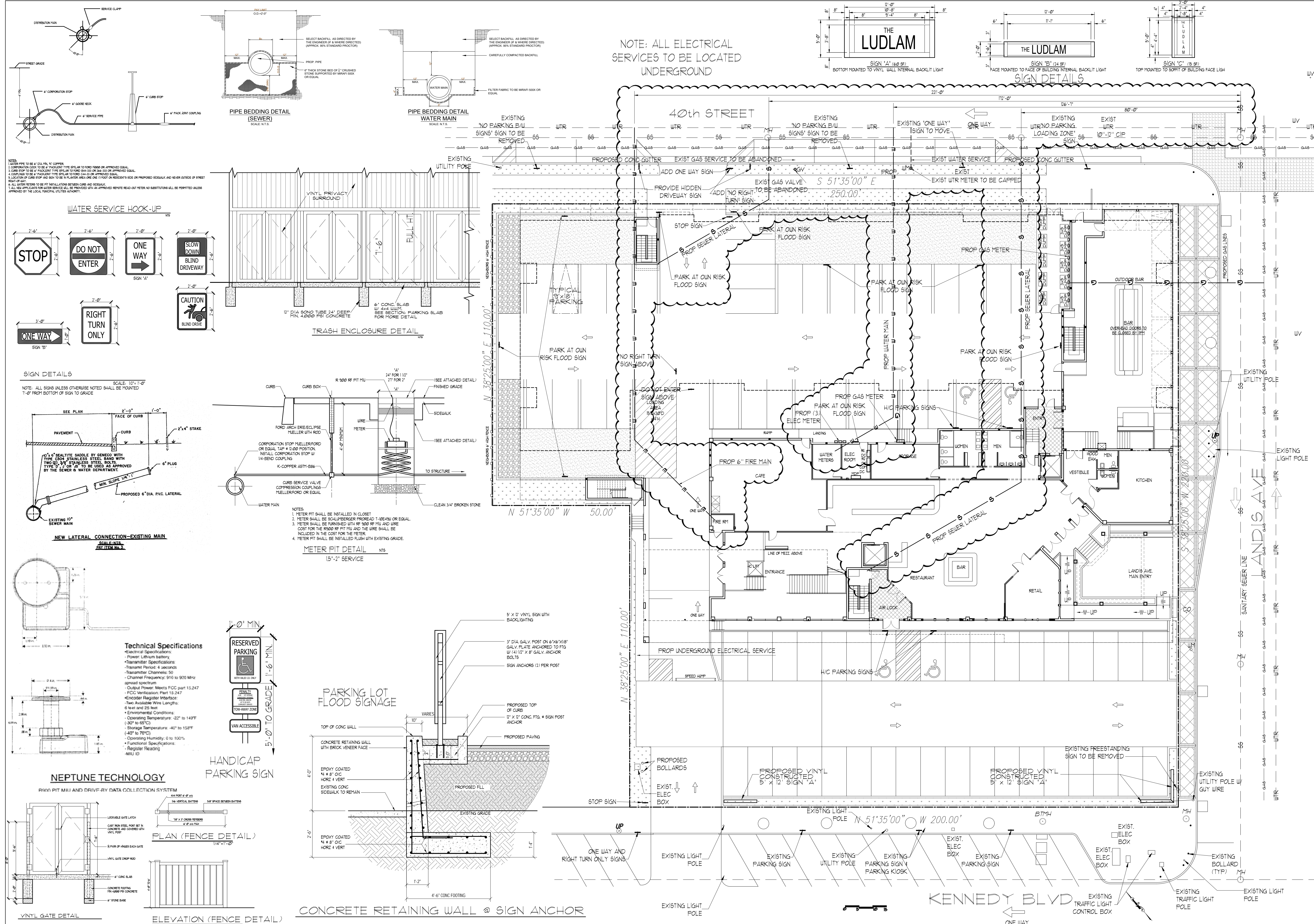
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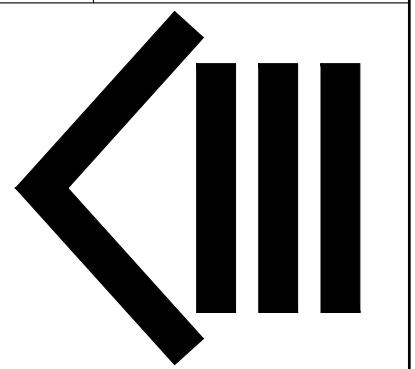




THE LUDLAM  
4000 LANDIS AVENUE  
LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
BLOCK: 4003  
SEA ISLE CITY, NEW JERSEY

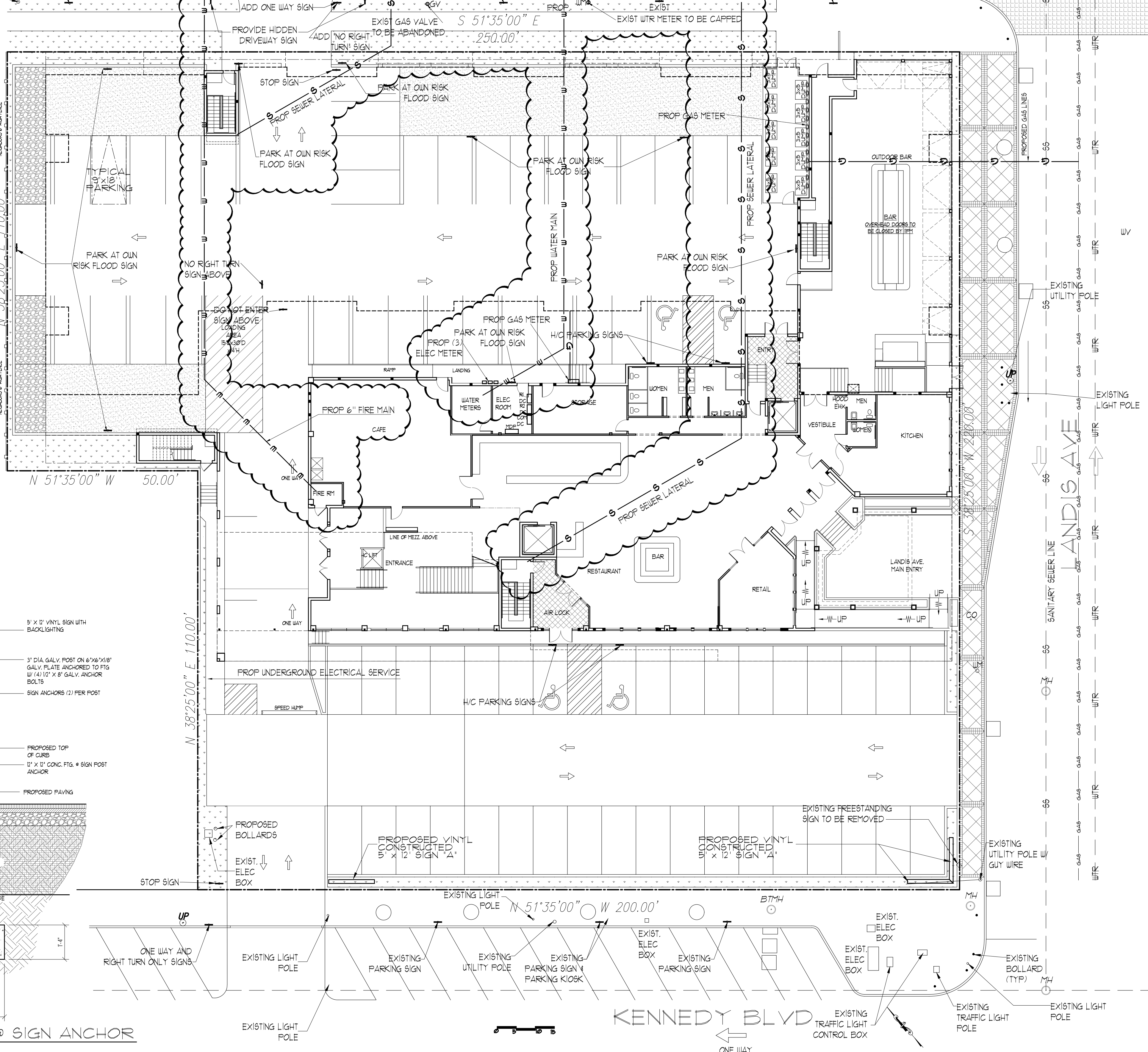
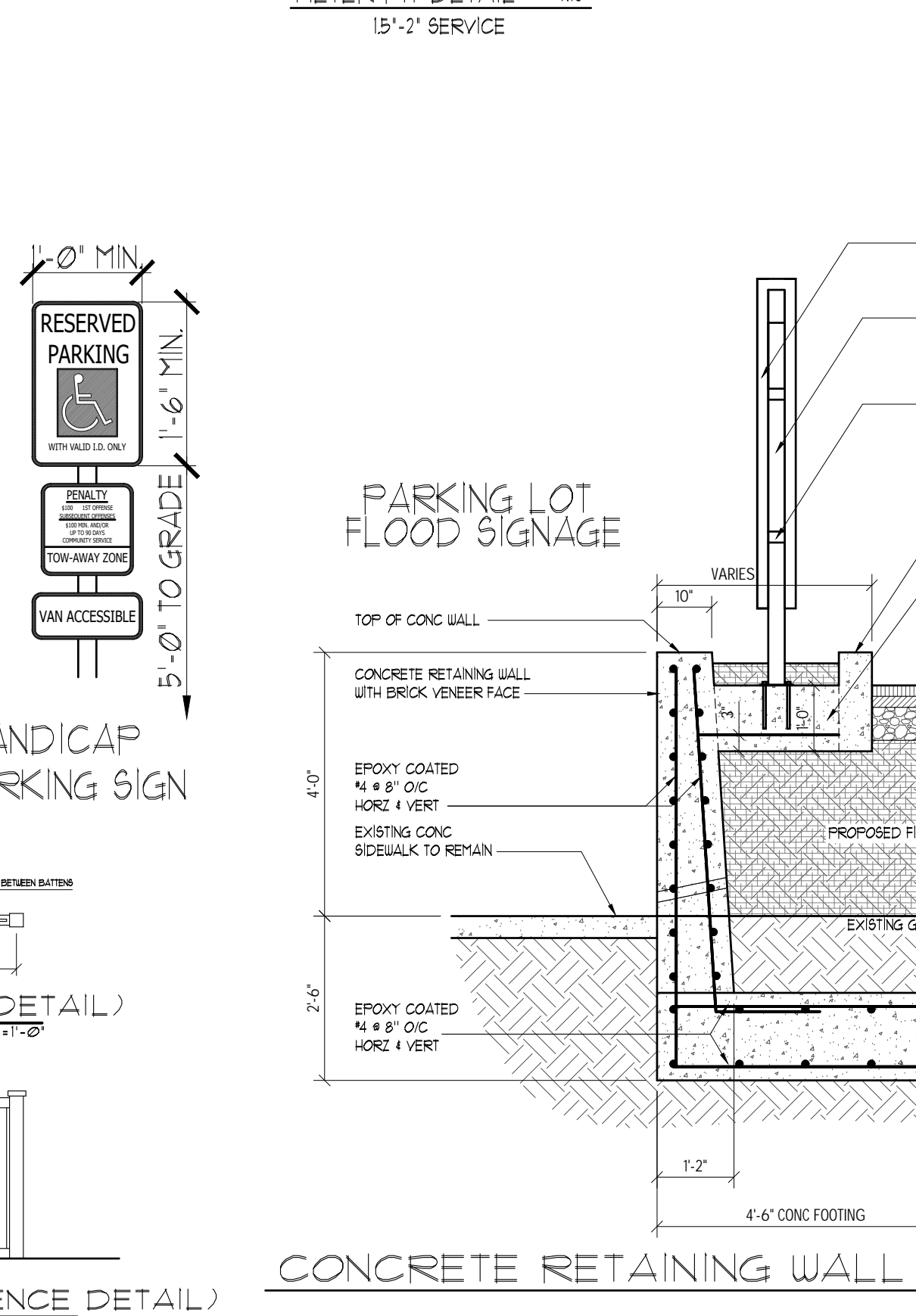
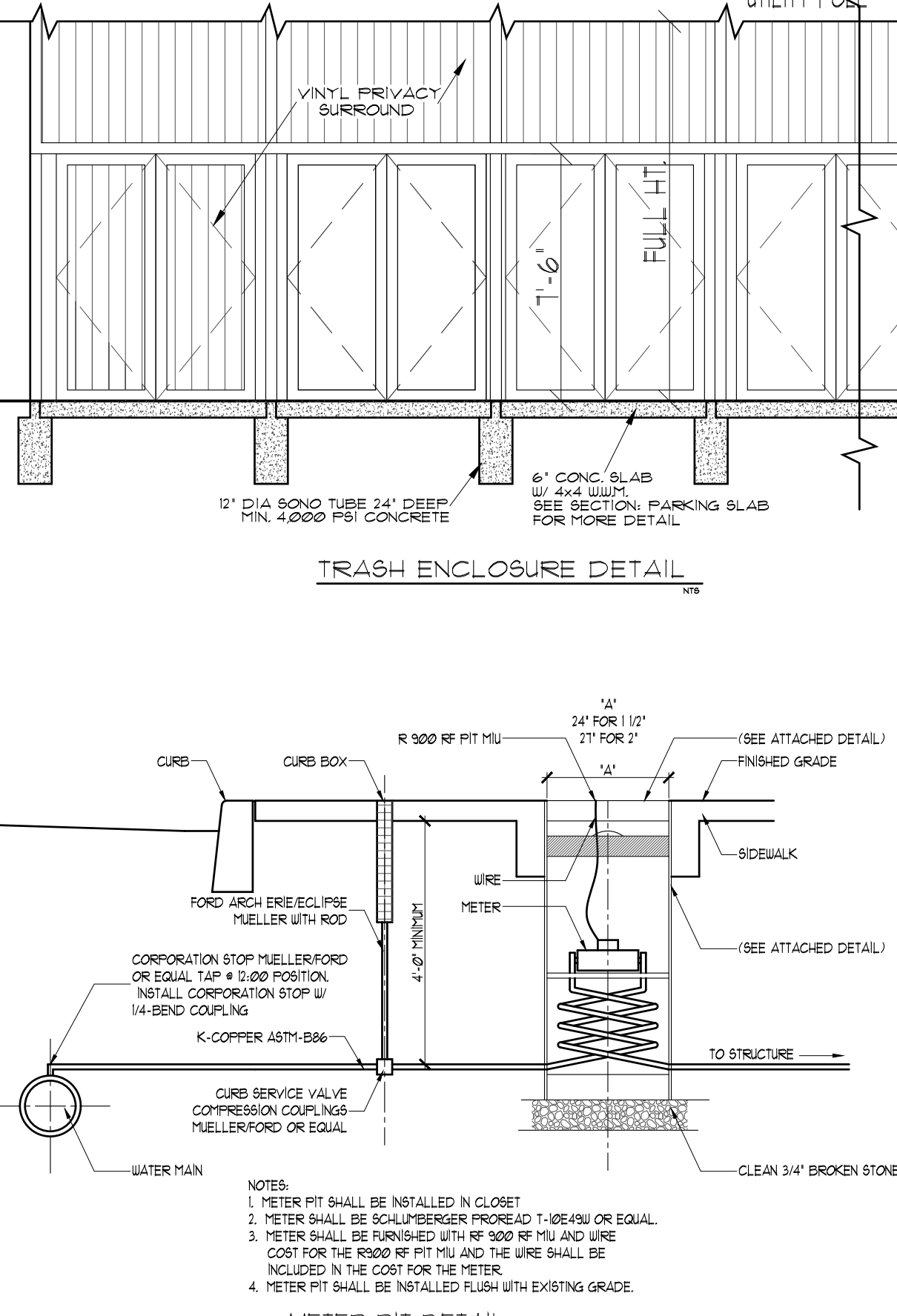
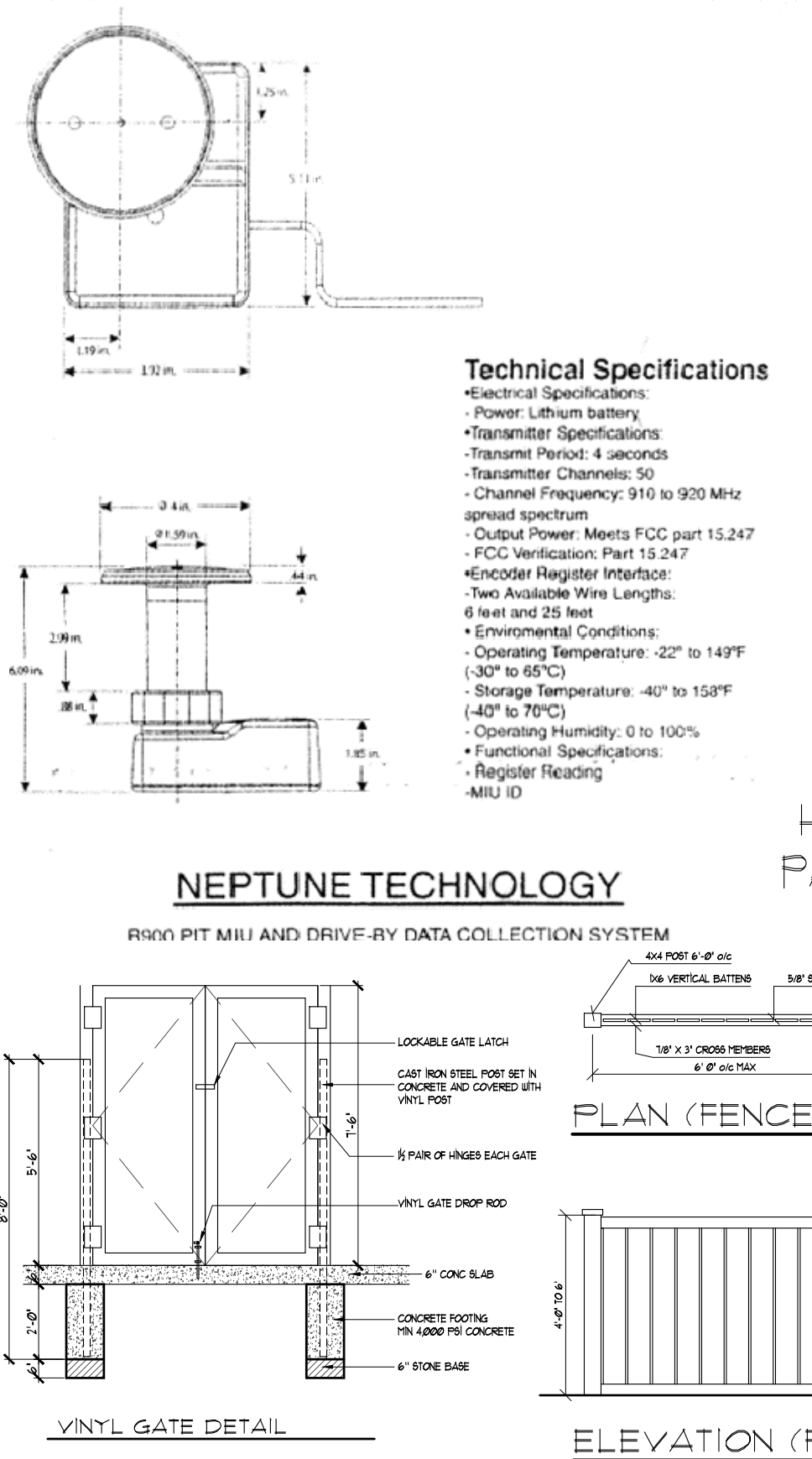
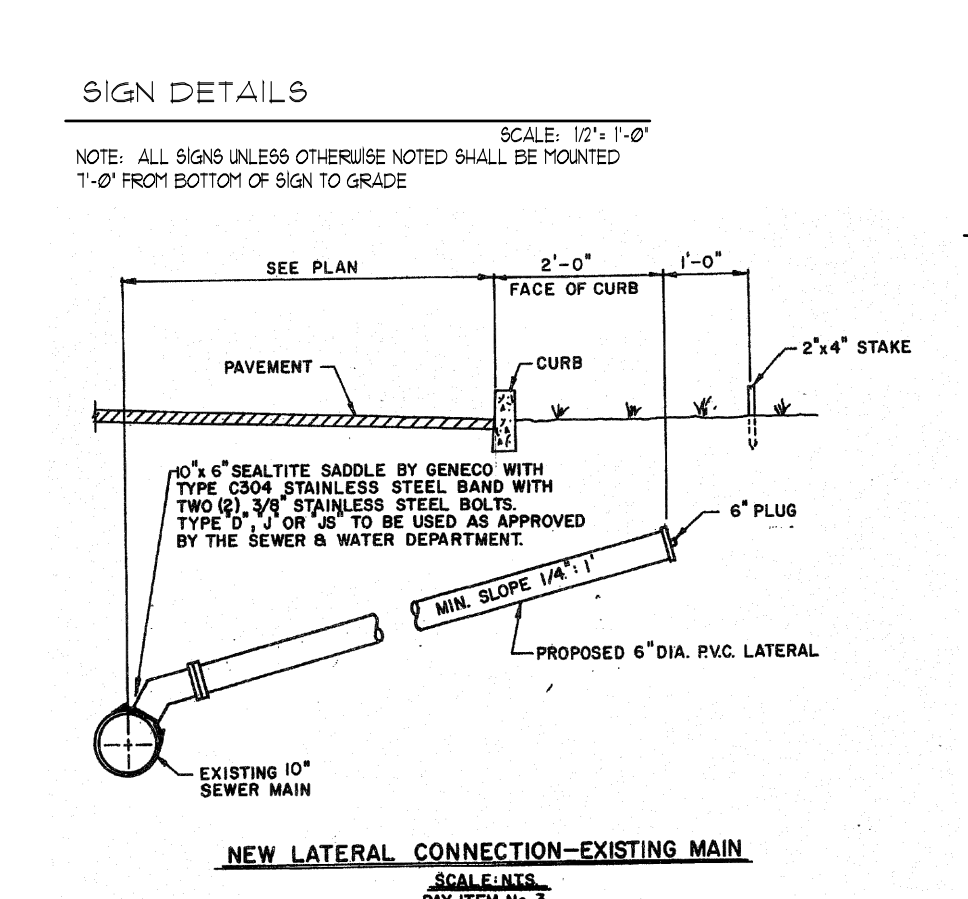
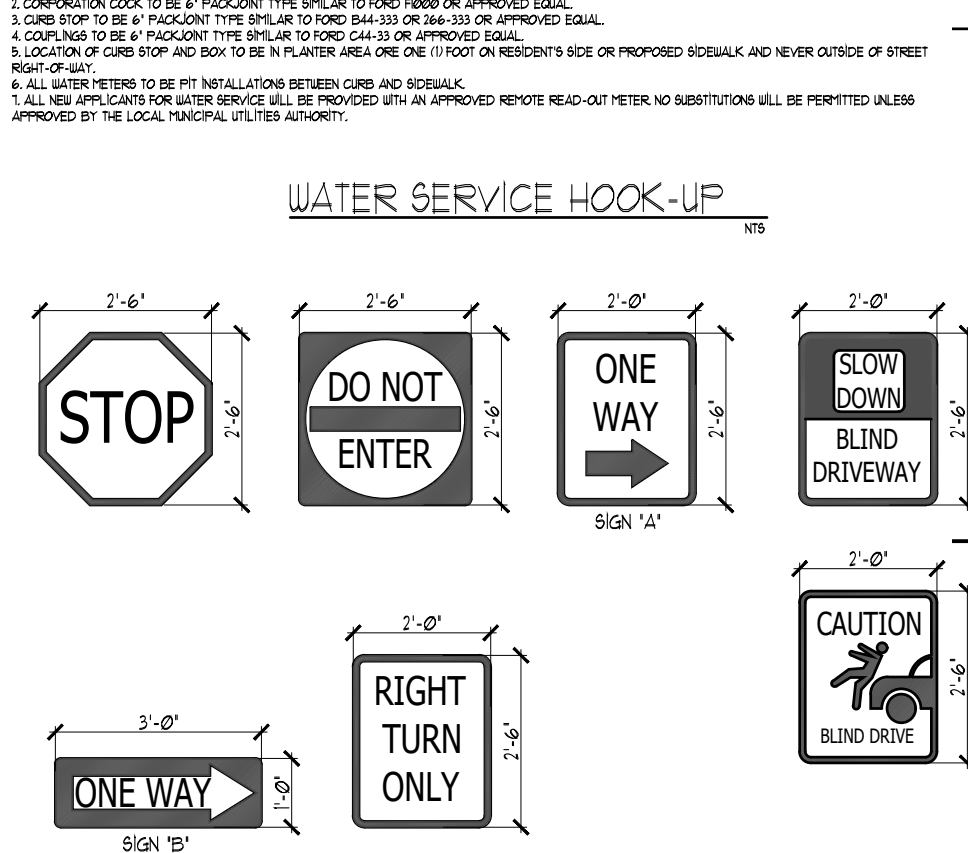
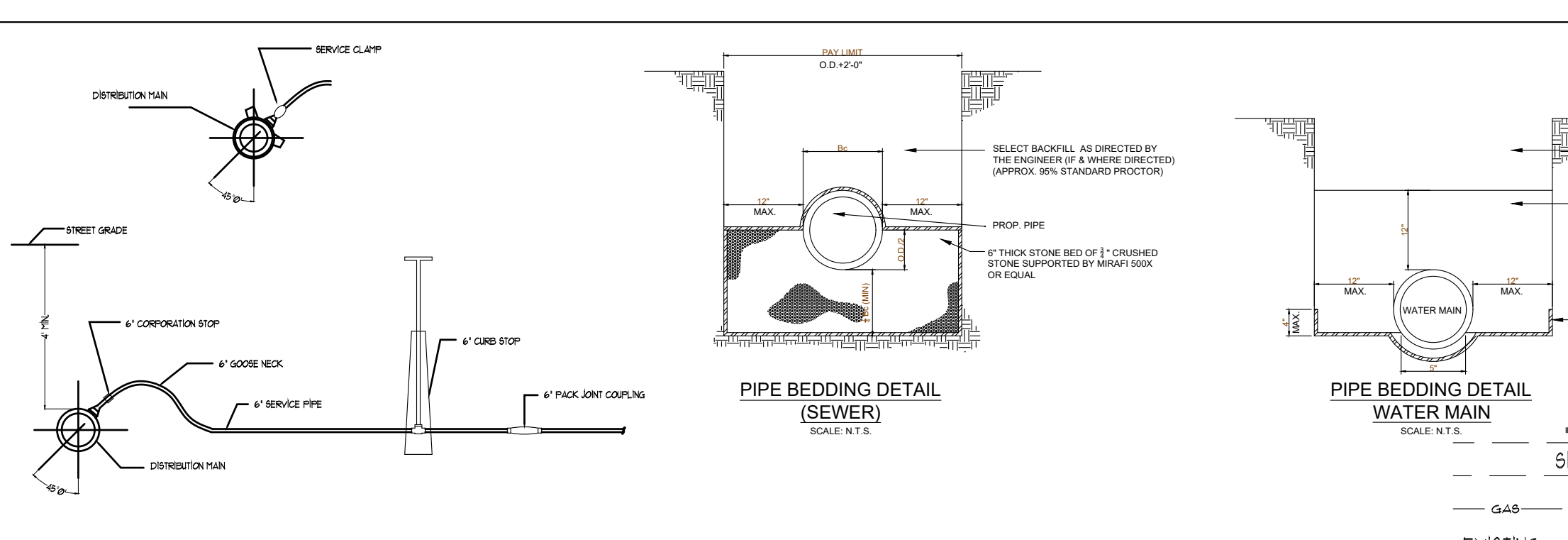
UTILITIES AND SIGNAGE PLAN  
ZONING BOARD DOCUMENT

**GEORGE WRAY THOMAS PE, PP, RA**  
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Professional Engineer  
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599 SHORE ROAD SOMERS POINT, NEW JERSEY 08076  
E 21822

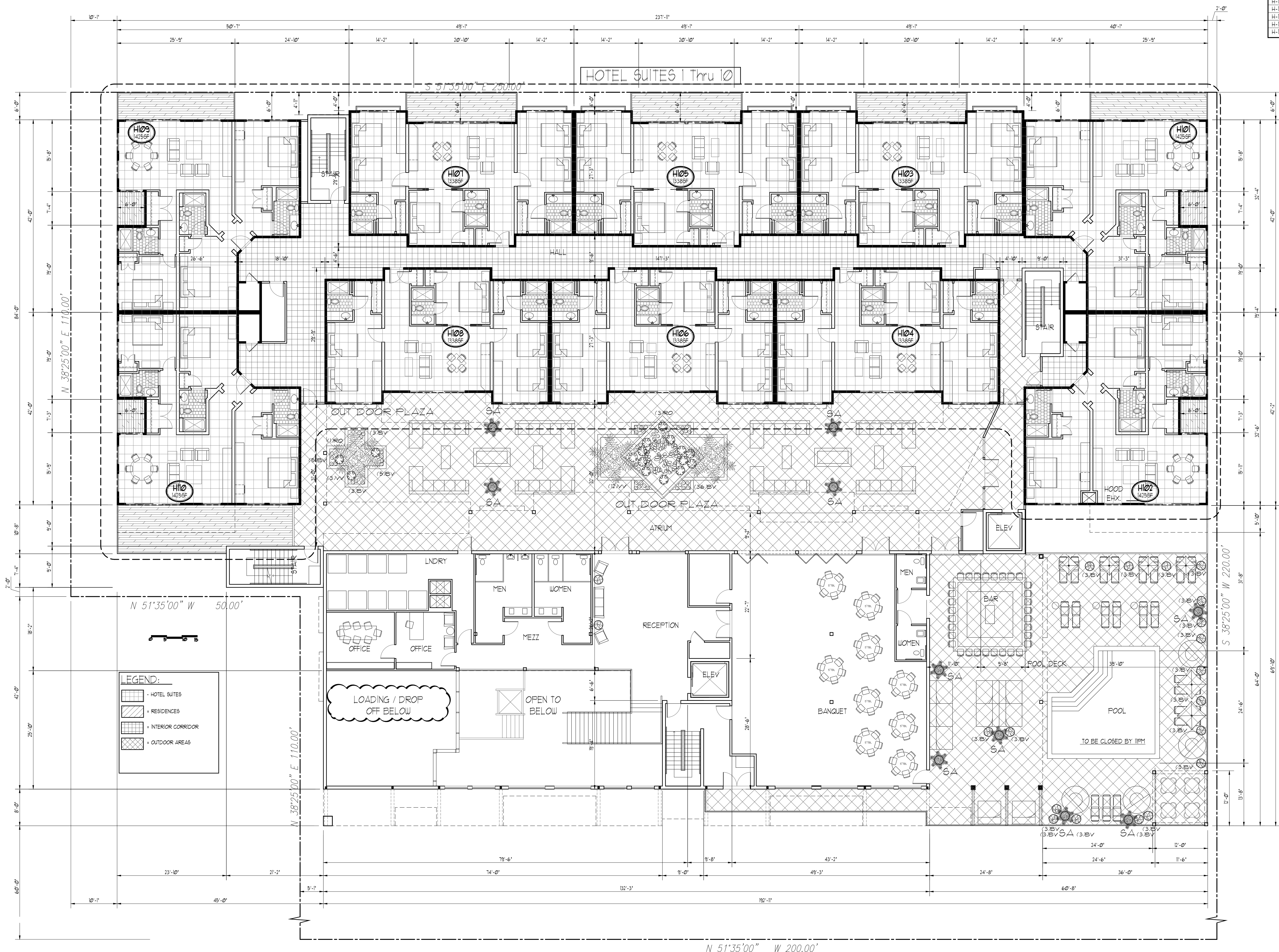


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	5-1-24				







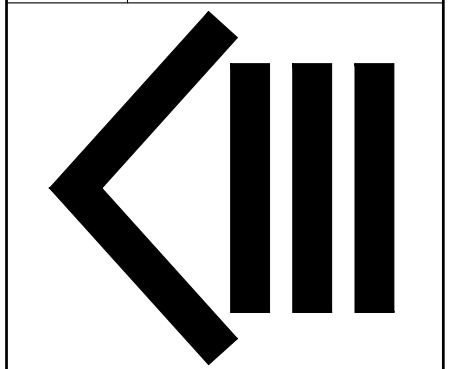
HOTEL SUITE CHART		
ROOM	BEDS	KITCHEN
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H-102	3	16
H-103	3	16
H-104	3	16
H-105	3	16
H-106	3	16
H-107	3	16
H-108	3	16
H-109	3	16

THE LUDLAM  
 4000 LANDIS AVENUE  
 LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
 BLOCK: 4003  
 SEA ISLE CITY, NEW JERSEY

FIRST FLOOR  
 ZONING BOARD DOCUMENT

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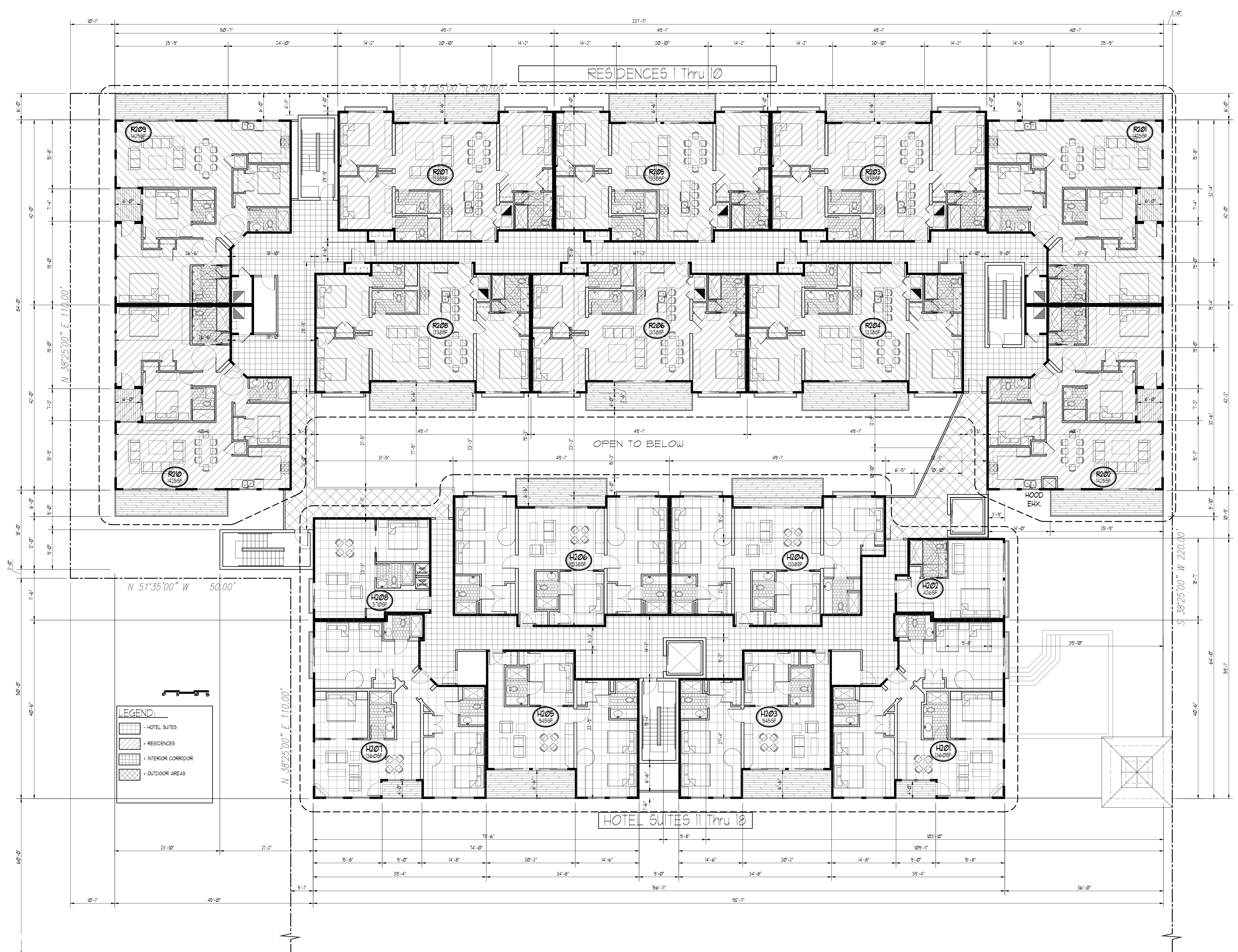


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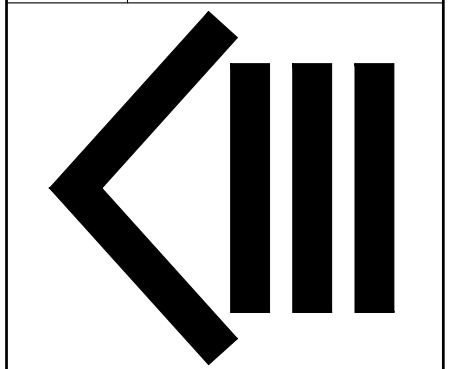
HOTEL SUITE CHART		
ROOM	BEDS	KITCHEN
H-201	3	NO
H-202	1	NO
H-203	2	YES
H-204	3	YES
H-205	2	YES
H-206	3	YES
H-207	3	YES
H-208	1	YES
R-201	3	YES
R-202	3	YES
R-203	3	YES
R-204	3	YES
R-205	3	YES
R-206	3	YES
R-207	3	YES
R-208	3	YES
R-209	3	YES
R-210	3	YES

THE LUDLAM  
 4000 LANDIS AVENUE  
 LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
 BLOCK: 4003  
 SEA ISLE CITY, NEW JERSEY

SECOND FLOOR PLAN  
 ZONING BOARD DOCUMENT

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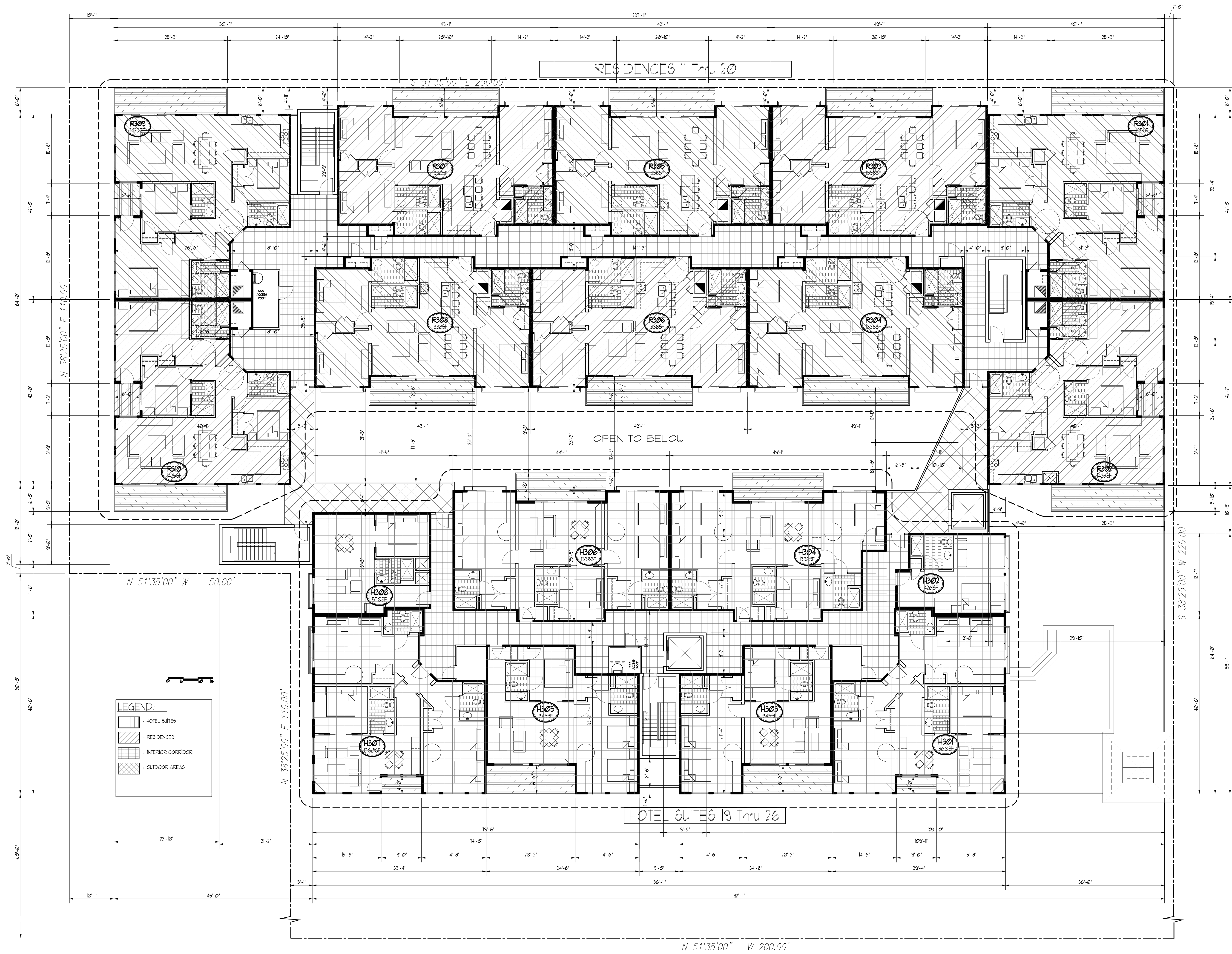


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HOTEL SUITE CHART		
ROOM	BEDS	KITCHEN
H-301	3	NO
H-302	1	NO
H-303	7	NO
H-304	9	NO
H-305	1	NO
H-306	3	NO
H-307	3	NO
H-308	3	NO
R-301	3	YES
R-302	3	YES
R-303	3	YES
R-304	3	YES
R-305	3	YES
R-306	3	YES
R-307	3	YES
R-308	3	YES
R-309	3	YES
R-310	3	YES

**LEGEND:**

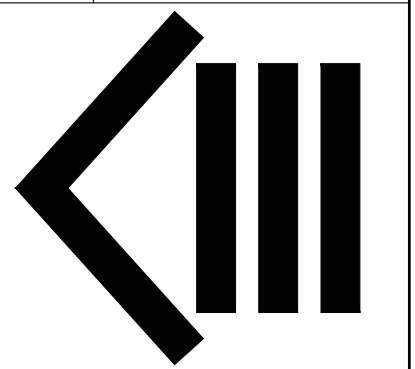
- HOTEL SUITES
- RESIDENCES
- INTERIOR CORRIDOR
- OUTDOOR AREAS

THE LUDLAM  
 4000 LANDIS AVENUE  
 LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
 BLOCK: 4003  
 SEA ISLE CITY, NEW JERSEY

THIRD FLOOR PLAN  
 ZONING BOARD DOCUMENT

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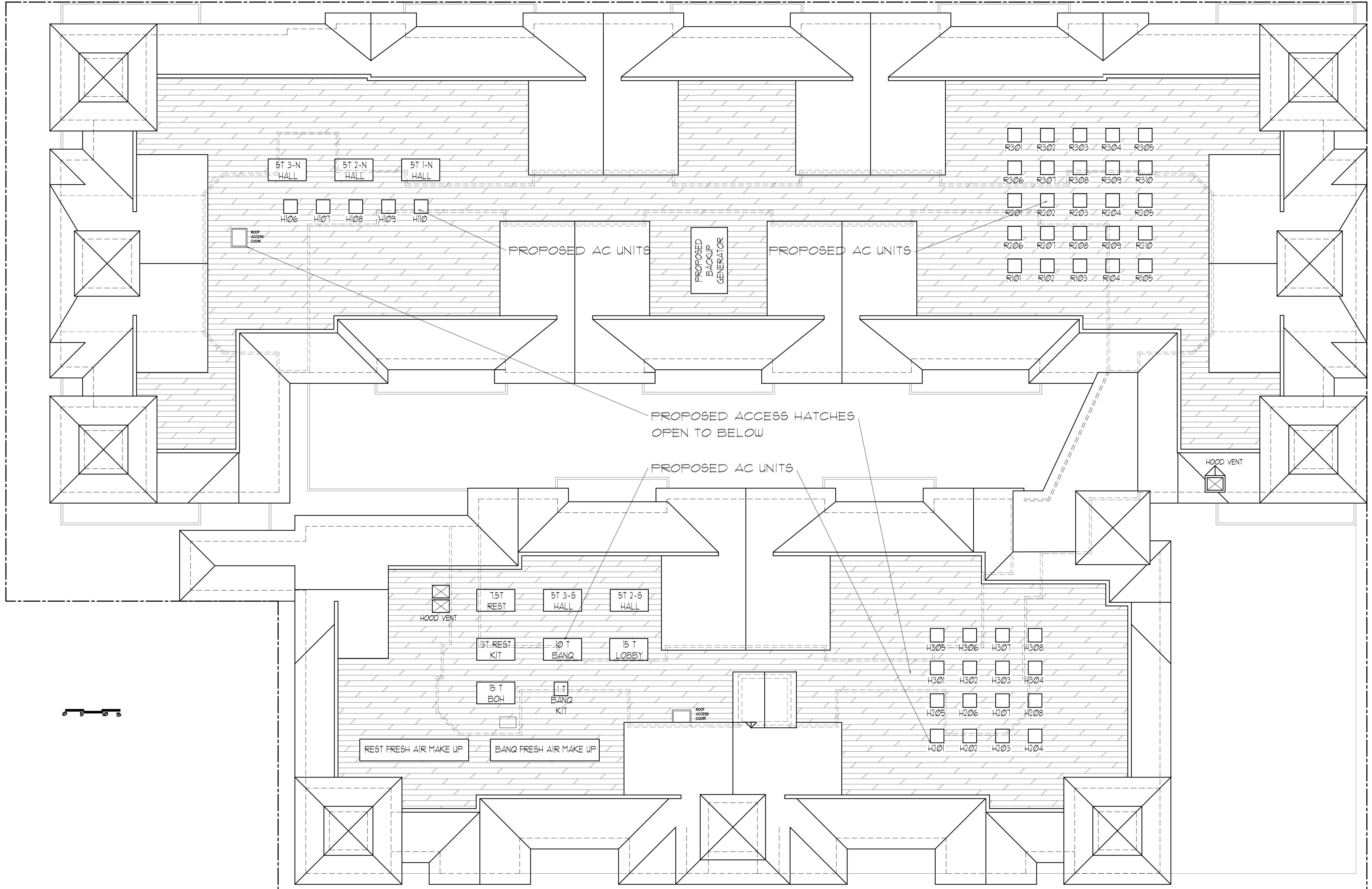


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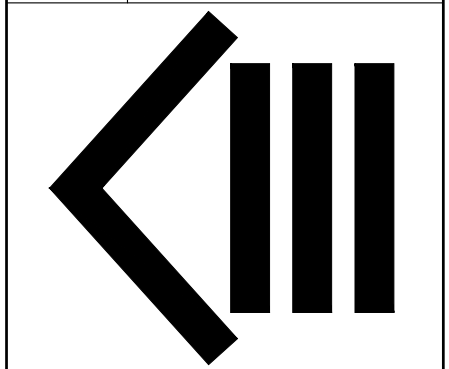




THE LUDLAM  
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ROOF PLAN  
 ZONING BOARD DOCUMENT

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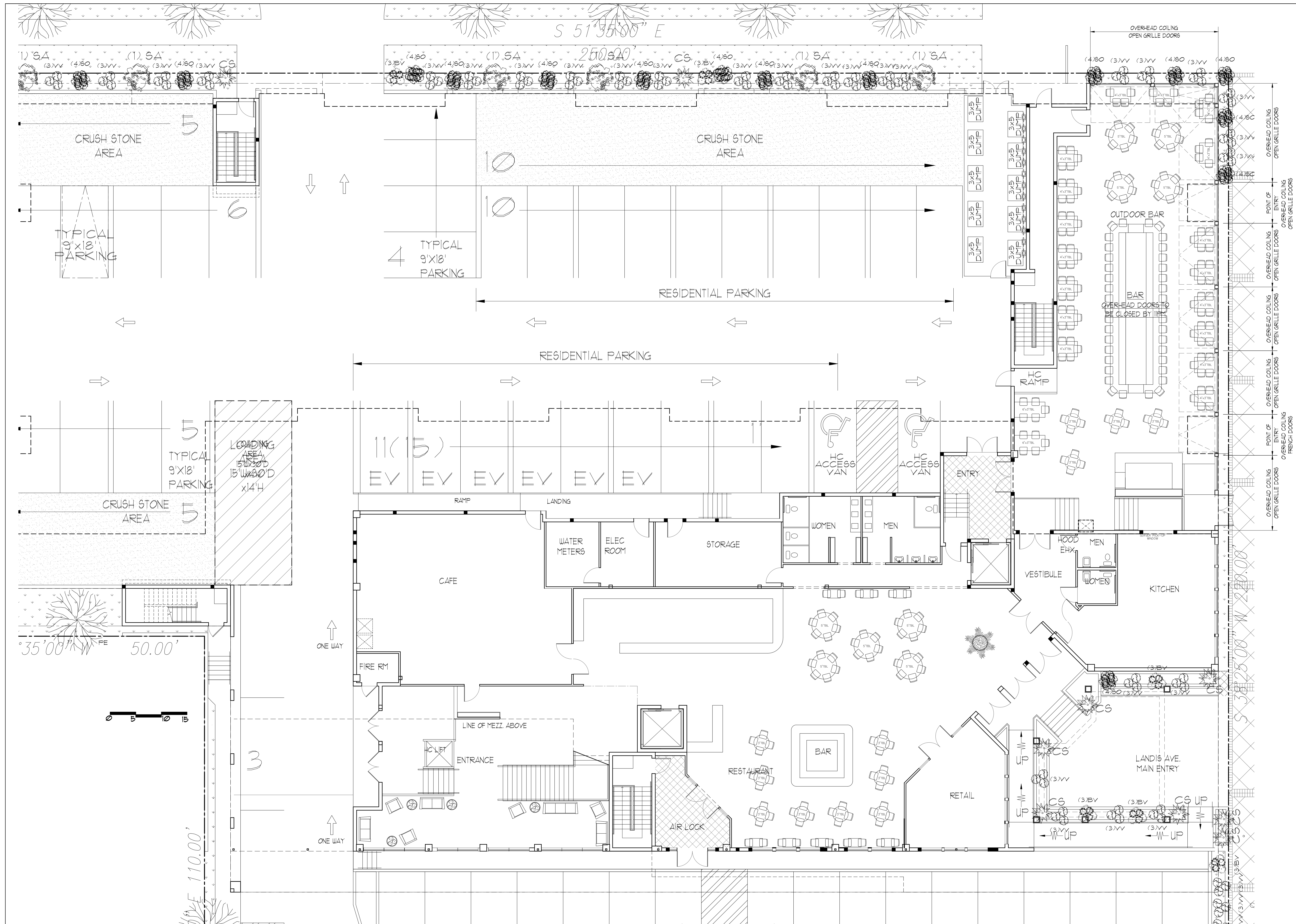


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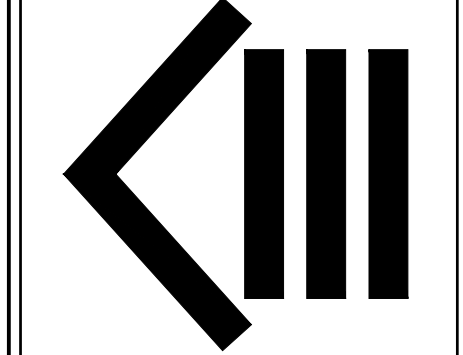
THE LUDLAM  
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 G.W. Thomas  
 A 09568  
 E 21822

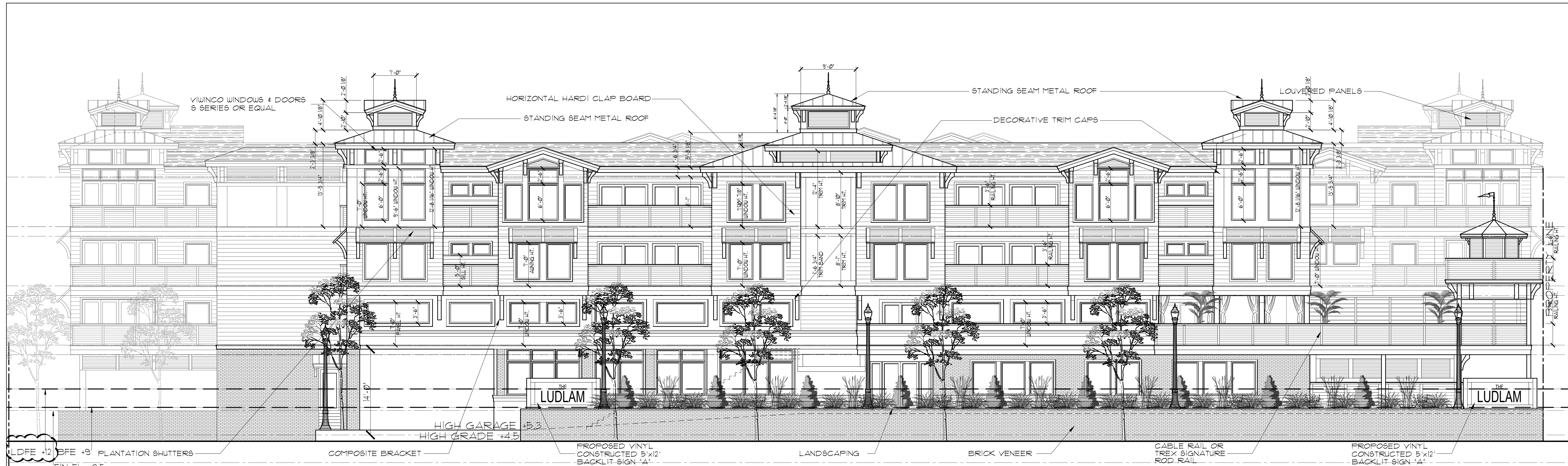


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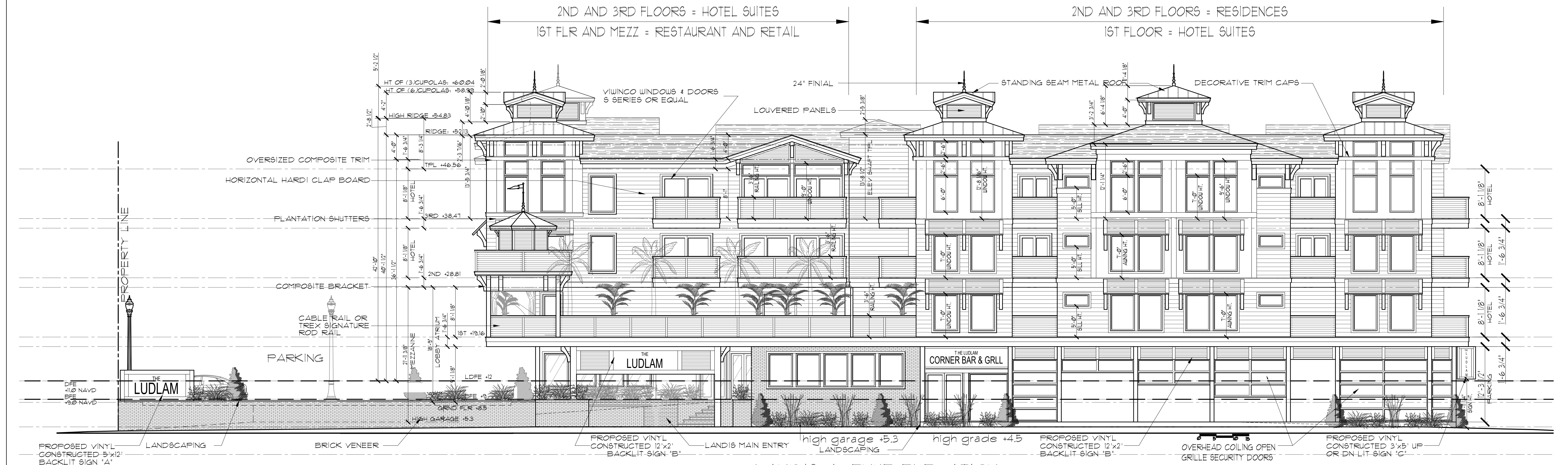
**KENNEDY BOULEVARD ELEVATION**

GROUND FLOOR GLASS PERCENTAGE  
 GROUND FLOOR WALL AREA = 1880 SF  
 GROUND FLOOR GLASS AREA = 145.5 SF = 39.65%

LDFF +12  
 SFE +3  
 PLANTATION SHUTTERS  
 FIN FL +0.5

HIGH GARAGE +5.3  
 HIGH GRADE +4.5  
 PROPOSED VINYL  
 CONSTRUCTED 5'x12'  
 BACKLIT SIGN 'A'

PROPOSED VINYL  
 CONSTRUCTED 3'x12'  
 BACKLIT SIGN 'A'



**LANDIS AVENUE ELEVATION**

GROUND FLOOR GLASS PERCENTAGE  
 GROUND FLOOR WALL AREA = 1384 SF  
 GROUND FLOOR GLASS AREA = 134 SF = 60.18%

PROPOSED VINYL  
 CONSTRUCTED 5'x12'  
 BACKLIT SIGN 'A'

PROPOSED VINYL  
 CONSTRUCTED 12'x2'  
 BACKLIT SIGN 'B'

PROPOSED VINYL  
 CONSTRUCTED 12'x2'  
 BACKLIT SIGN 'B'

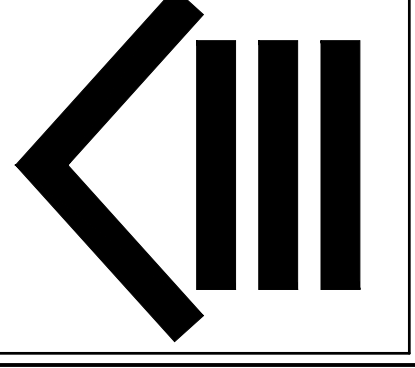
PROPOSED VINYL  
 CONSTRUCTED 3'x5' UP  
 OR DN LIT SIGN 'C'

**THE LUDLAM**  
 4000 LANDIS AVENUE  
 LOTS: 104, 4, 12, 20, 21, 22, 23 & 24  
 BLOCK: 4003  
 SEA ISLE CITY, NEW JERSEY

LANDIS & 44TH STREET  
 ELEVATIONS  
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40th STREET ELEVATION



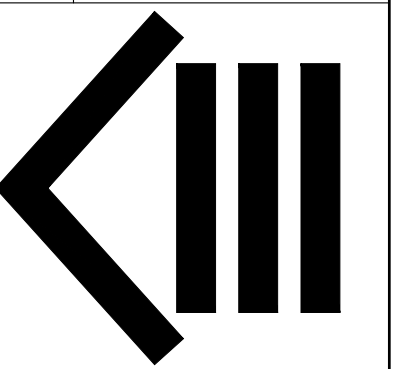
WEST SIDE ELEVATION

THE LUDLAM  
4000 LANDIS AVENUE  
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BLOCK: 4003  
SEA ISLE CITY, NEW JERSEY

LEFT SIDE & REAR  
ELEVATIONS  
ZONING BOARD DOCUMENT

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Checked:  
GWT

File No:  
3618  
Dwg. No.  
PB-12

PROPOSED VINYL  
CONSTRUCTED 5'x12' UP  
OR DN LIT SIGNAGE





**GENERAL NOTES:**

1. ALL CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE CURRENTLY ADOPTED NEW JERSEY BUILDING CODE, OSHA AND ALL STATE AND LOCAL LAWS AND THEIR SUPPLEMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ANY UTILITIES IN THE VICINITY OF THE CONSTRUCTION AND SHALL COMPLETE THE CONSTRUCTION IN A MANNER WHICH WILL PREVENT DAMAGE TO THEM. SHOULD ANY DAMAGE TO SUCH UTILITIES OCCUR, THE CONTRACTOR SHALL REPAIR THE DAMAGE AT ITS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER.
3. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS OF EXISTING WORK PRIOR TO THE START OF FABRICATION AND CONSTRUCTION.
4. IT IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD TO ENSURE THE BUILDING'S STRUCTURE IS CAPABLE TO WITHSTAND THE IMPOSED LOADS APPLIED TO THE STRUCTURE AS NOTED ON THESE PLANS.
5. THESE PLANS ARE INTENDED FOR THE PURPOSES OF IDENTIFYING COMPLIANCE WITH FEMA ASCE 24-14, AND NEIP FLOOD PROOFING REQUIREMENTS IN ACCORDANCE WITH 44 CFR 60.3 AND FEMA TB-3-93. ENSURING THE PERFORMANCE OF THE SPECIFIED WET AND DRY FLOODPROOFING PROVISIONS AS NOTED ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION SUBCONTRACTORS.

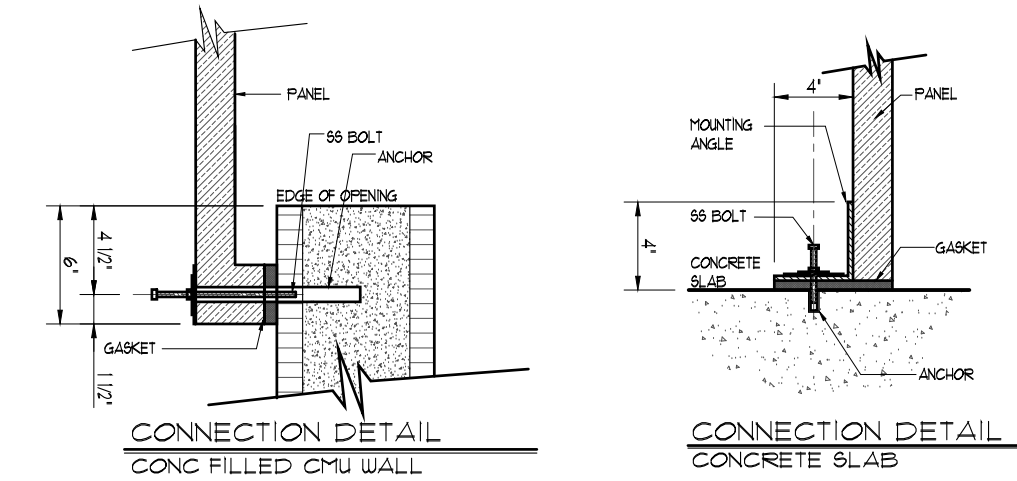
**PERFORMANCE**

FLOOD BARRIERS ARE DESIGNED TO CONTROL SHORT TERM HYDROSTATIC, HYDRODYNAMIC AND DEBRIS IMPACT LOADS UP TO THE DESIGNED WATER HEIGHT NOTED ON THESE DRAWINGS ALONG WITH ALL LOAD REQUIREMENTS AS NOTED IN FEMA TECHNICAL BULLETIN 3-93. ALL LOADS ARE TRANSFERRED TO THE BUILDING STRUCTURE. ALWAYS ALLOW FOR CONTROL OF ANY LEAKAGE OR CONDENSATION THAT WILL OCCUR DURING FLOODING CONDITIONS. IN APPLICATIONS WHERE THE FLOOD PANEL GASKETS CONTACT THE EXISTING BUILDING STRUCTURE FLOORS, ETC. ALL SURFACES MUST BE SOUND, FLAT LEVEL, AND WITHOUT BLEMISH FOR BEST PERFORMANCE.

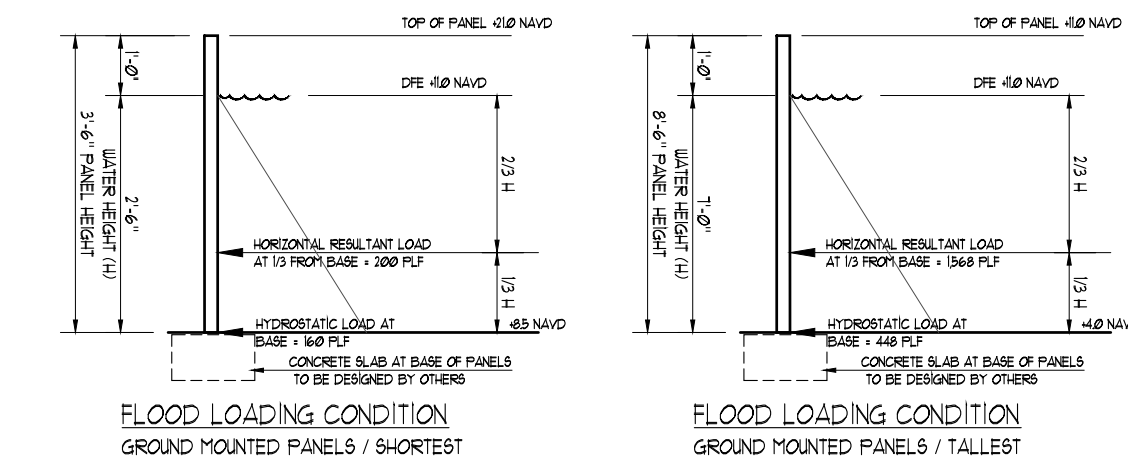
**DESIGN CRITERIA**

PANELS ARE TO BE DESIGNED TO WITHSTAND THE FOLLOWING LOADS:

- 1) HYDROSTATIC LOADS TO ELEVATION AS INDICATED ON DRAWINGS BASED ON HYDROSTATIC WATER LOAD (64 PCF).
- 2) HYDRODYNAMIC LOADS ON VERTICAL SURFACES OF MOVING FLOODWATERS AT 5FEET PER SECOND
- 3) DEBRIS IMPACT LOAD OF A 16000 LB OBJECT FOR A 1 SECOND DURATION



**PANEL ANCHORING DETAILS**



**HIGH PERFORMANCE LINE EXTREME® 300 SERIES GRILLE**  
Models EPG324 (straight) and EPG324B (brick)

**STANDARD COMPONENT MATERIALS AND FINISHES**

- SPRINGLESS SHAFT** - Steel pipe. Design reduces maintenance requirements and facilitates cycle capacity.
- MOTOR** - Compact, direct drive operator with no roller chains or sprockets.
- CURTAIN** - Heavy-duty thick links in mill finish aluminum, 1/4" aluminum rod in mill finish spaced 2" on center. Aluminum tube spacers on every rod in brick pattern, or aluminum tube spacers on alternate rods in straight pattern, 9" link spacing. Grilles larger than 25' will have continuous end tube spacers if it is anodized.
- GUIDES** - Extruded aluminum in mill finish with self-lubricating anti-wear strips to greatly reduce friction and curtain wear. Includes a fully replaceable UHMW bellmouth.
- BOTTOM BAR** - Heavy-duty extruded aluminum in mill finish. Also available with a sloped bottom bar.

**A CHOICE OF CURTAIN PATTERNS**

Two different curtain designs provide both visibility and ventilation.



**OPERATION AND STRUCTURAL REQUIREMENTS**

**Motor operation required.**  
This product is supported by a guide assembly attached to the jamb construction or structural tubes attached to either wall or overhead construction. No additional header support is required unless hood supports are mandated by a larger opening width.

**UNIQUE FEATURES**

- INTELLIGENT COMMUNICATION** - The Apex™ SmartController (NEMA 4X) features plug and play connections to operator and standard sensors to reduce installation time. Its LCD screen provides step-by-step instructions for door commissioning, electronic limit setting, and status/ error messaging.
- MONITORED PROTECTION, EVEN AT HIGH SPEEDS** - UL 325-2010 (NEMA 4X) compliant photo eye sensors allow for momentary contact operation - useful in parking garages and other high-use openings. Interruption of the photo eye beam before the door fully closes causes the door to immediately halt downward travel and reverse direction to return to the fully open position.
- SAFETYGARD LIGHT CURTAIN TECHNOLOGY** - The 6' tall light curtain is installed within the guide and blends into the guide construction without a piece of slotted trim. If the grille is cycling and an object passes through the curtain beams, the door will immediately halt downward travel and reverse direction to return to the open position.

**OPTIONAL MATERIALS AND FINISHES**

- Aluminum in mill, clear, bronze and black anodized
- SpectraShield® Powder Coating in more than 180 colors (not available on curtains)

800.233.8366 | [cornelliron.com](http://cornelliron.com)  
CornellCookson, Inc. is an ISO 9001:2008 registered company.  
8.2017



FLOOD PROOF LEGEND	
	FLOOD PANELS UP TO ELEV. -10'-0" NAVD.
	FLOOD VENTS 8" x 16" SMART VENTS MODEL 1540-520
	DRY FLOODPROOFED AREAS WITH HYDROSTATIC FLOOR SLABS
	WET FLOODPROOFED AREAS

FEMA FLOOD PLAN INFO	
FLOOD ZONE	AE
FIRM MAP/PANEL NUMBER	34009C016F AND 0164F
MAP REVISED	OCTOBER 05, 2017
BASE FLOOD ELEVATION (BFE)	100-YR FLOODPLAIN 49'-0" ELEV NAVD DFE -10' NAVD



The FRA Flood Panel is the **ONLY** flood panel that is certified to provide you **flood insurance credits!**

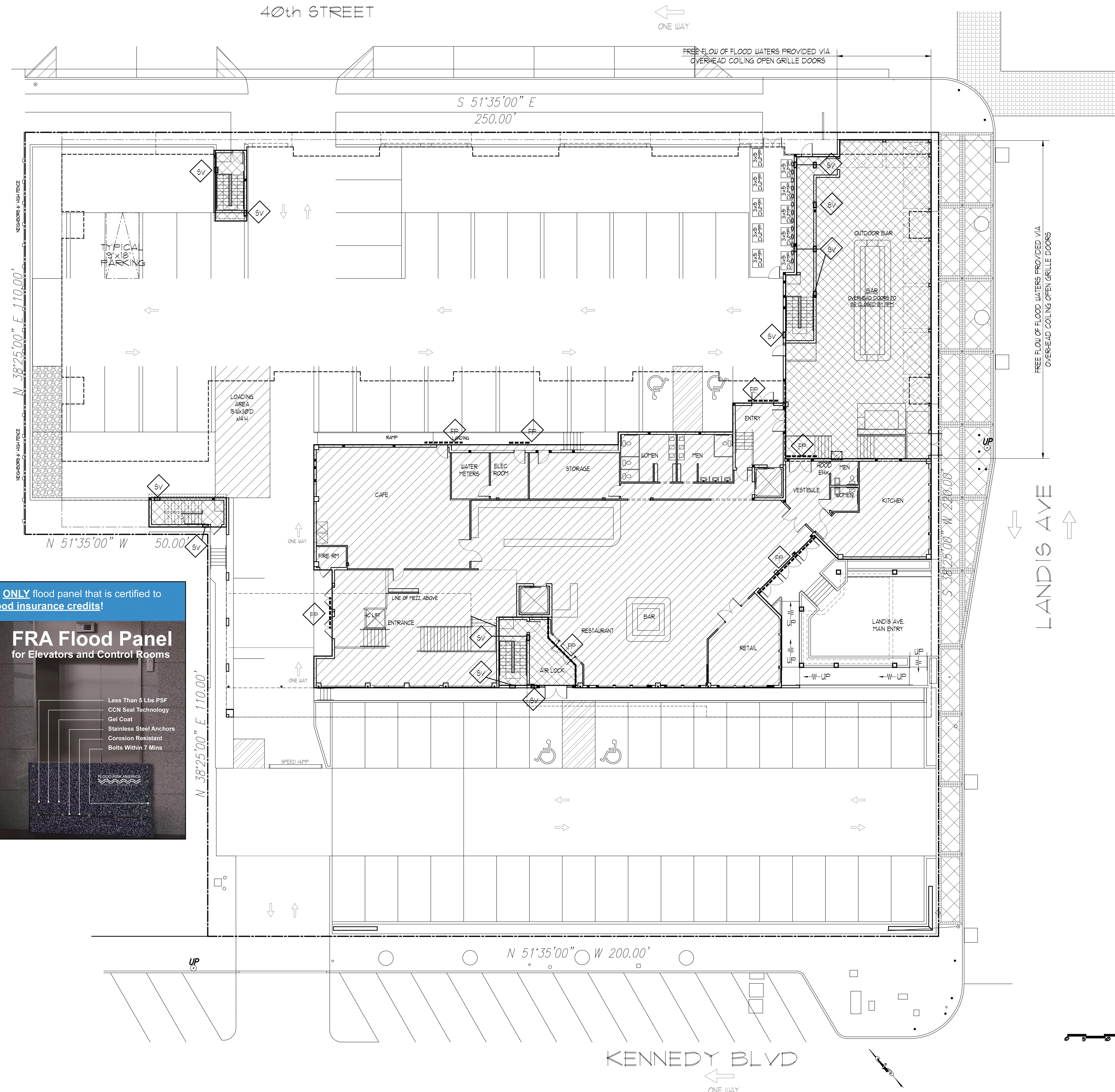
**FLOOD RISK AMERICA**  
Proactive Flood Prevention Solutions

The FRA Flood Panel uses our patented, sustainable flood-seal technology to protect elevators and control room doors against rising floodwater. This device creates a sealed barrier around the elevator doors, preventing water from entering. Each panel is designed specifically for a customized fabrication to meet individual installation requirements and custom shaping and contouring to meet job-specific demands. It is both easy to install and remove, taking only a few minutes.

- FEMA Compliant
- ISO Certified
- Insurance Industry Certified
- Lower Insurance Premiums
- Lower Insurance Deductibles
- Better Coverage Limits
- Cost-Effective
- Federal Grant Assistance
- No Business Interruption
- Installation Available

**FRA Flood Panel**  
for Elevators and Control Rooms

- Less Than 5 Lbs PSF
- CCN Seal Technology
- Gel Coat
- Stainless Steel Anchors
- Corrosion Resistant
- Bolts Within 7 Mins



**OVERHEAD COILING OPEN GRILLE SECURITY DOORS**

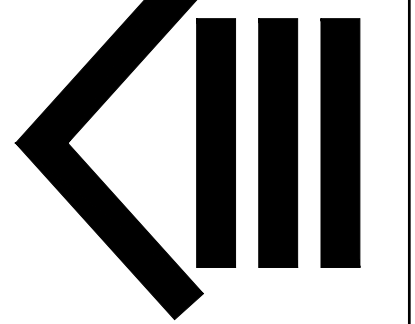
THE LUDLAM  
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FLOODPROOFING PLAN  
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