



FRONT VIEW (NORTHEAST)
N.T.S.



FRONT VIEW (NORTHWEST)
N.T.S.



REAR VIEW (SOUTHEAST)
N.T.S.



REAR VIEW (SOUTHWEST)



REVISIONS No. DATE DESCRIPTION

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SEAL

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SOUTHWEST VIEW (FACING SEACREST PKWY)
N.T.S.

CTORM MATER ROLLITION REFLICATION RIAM

		SIUMW WAIEM FULL	LUTION PREVENTION PLAN		
SITE DESCRIPTION	GENERAL	3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE		HAZARDOUS PRODUCTS THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.	* SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TE SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE PO TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROW
	THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN.IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT	ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. 4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT- FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE		* PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.	* THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACH PERCENT OF THE DESIGN CAPACITY OR AT THE END OF T
	CONDITIONS AND STATE WATER QUALITY STANDARDS.DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE	GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS.THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE		* ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.	WHICHEVER COMES FIRST. * DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BRE.
	REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.	CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED.THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.		* IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE	PROMPTLY REPAIRED. * TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSP FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
	SEQUENCE OF MAJOR ACTIVITIES:	5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED	OTHER CONTROLS	FOLLOWED. PRODUCT SPECIFIC PRACTICES	* A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER INSPECTION.A COPY OF THE REPORT FORM TO BE COMPLETED E
		IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION		THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE: PETROLEUM PRODUCTS	INSPECTOR IS ATTACHED. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION
		FACILITY. 6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE	WASTE DISPOSAL (IF APPLICABLE):	ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF	AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEL STATE OR LOCAL AGENCY APPROVING SEDIMENT AND AND ERC PLANS, OR STORM WATER MANAGEMENT PLANS.
	SEQUENCE OF MAJOR ACTIVITIES:	SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL BE MINIMIZED.	WASTE MATERIALS	LEAKAGE.PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.ANY ASPHALT SUBSTANCES	THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEAR
	I. INSTALL EROSION AND SEDIMENT CONTROL MEASURES. 2. DEMO AND CLEAR SITE	7. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE	ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER.THE	USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.	THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE N TERMINATION IS SUBMITTED THE REPORTS SHALL IDENTIFY ANY INC OF NON-COMPLIANCE.
	3. INSTALL UNDERGROUND UTILITIES. 4. COMPLETE FINAL GRADING OPERATIONS. 5. CONTINUE WITH E&S CONTROL MEASURES.	DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS	DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS.THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE	FERTILIZERS	* THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDU
	6. START BUILDING FOUNDATION. 7. CONTINUE WITH E&S CONTROL MEASURES. 8. COMPLETE BUILDING CONSTRUCTION.	THAT MAY CONTRIBUTE SEDIMENT TO THE INLET. 8. DUST CONTROL: AREAS OPENED BY CONSTRUCTION OPERATIONS	TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL.ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT	FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER.ONCE APPLIED, FERTILIZER WILL	WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND R. ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTEN.
	9. CONTINUE WITH E&S CONTROL MEASURES. 10. COMPLETE CURB AND SIDEWALK CONSTRUCTION 11. REMOVE ACCUMULATED SEDIMENTS FROM STORM	AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL TREATMENT WITHIN 30 DAYS SHALL BE STABILIZED.	PROCEDURE FOR WASTE DISPOSAL.NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE	BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA.THE CONTENTS OF ANY	REPORT. * PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE
	WATER MANAGEMENT SYSTEM.	9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1THAT	CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.	PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.	RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE. SUPERINTENDENT.THEY WILL BE TRAINED IN ALL THE INSPECTION MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSIC
		FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES	SEEING THAT THESE PROCEDURES ARE FULLOWED.	PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT	SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.
		LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.	HAZARDOUS WASTE	REQUIRED FOR USE.EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING	NON-STORM WATER DISCHARGES
		IO. TEMPORARY GRASSING:THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER	ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE	TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS. CONCRETE TRUCKS	IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCH WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIO
	TIMING OF CONTROLS/MEASURES	SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.	MANUFACTURER.SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO	CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.	* WATER FROM WATER LINE FLUSHING
	AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY PORTIONS OF THE SITE, AS CONSTRUCION	TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.	MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.	SPILL CONTROL PRACTICES	* PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TO HAZARDOUS MATERIALS HAVE OCCURRED).
CONT ROLS	PROCEEDS,THE CONTRACTOR MUST BE DILIGENT TO UN-INSTALL AND RE-INSTALL PORTIONS OR ALL OF THE SILT FENCE OR HAY BAYS OR TAKE OTHER MEASURES	II. TEMPORARY REGRASSING : IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75	SANITARY WASTE	IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT	* UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVAT
THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION CAUSED BY STORM WATER RUN OFF.AN EROSION PROTECTION PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS.	NECESSARY TO MAINTAIN THE SYSTEM IN ACCORDANCE WITH ALL REGULATIONS.	PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED	ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED	PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND	ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEL BASIN PRIOR TO DISCHARGE.
IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINT AIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS.		VEGETATIVE COVER.	AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.	CLEANUP: MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE	CONTRACTOR'S CERTIFI
REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.		12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE	OFFSITE VEHICLE TRACKING	CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP	I CERTIFY UNDER PENALTY OF LAW THAT LUNDERSTAND THE TERM.
		MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.	A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS.THE PAVED STREET ADJACENT	SUPPLIES.	CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHAELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM
STORM WATER MANAGEMENT DURING CONSTRUCTION,STORM WATER DRAINAGE WILL BE PROVIDED BY	ENDANGERED SPECIES AND CRITICAL HABITAT	13. PERMANENT EROSION CONTROL:THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE	TO THE SITE ENTRANCE WILL BE SWEPT AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING	MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE.EQUIPMENT AND MATERIALS WILL	DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICAT
UTILIZATION OF THE EXISTING DRAINAGE COLLECTION SYSTEM IN THE STREET RIGHT OF WAY OF POLK STREET AND NORTH 19TH AVENUE.THE EXISTING SYSTEM CONVEYS STORM WATER RUNOFF VIA DRAINAGE PIPES TO THE	I. ARE THERE ENDANGERED SPECIES ON SITE? 2. ARE THERE CRITICAL HABITAT ON SITE? NO.	OFFSITE FACILITIES. 14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY	MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.	INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY LITTER OR EQUAL),	
ATLANTIC OCEAN. AFTER STORMWATER UTILITIES ARE INSTALLED, STORM WATER DRAINAGE WILL BE PROVIDED BY CATCH BASINS, EXFILTRATION TRENCH AND DRAINAGE WELLS. DURING VARIOUS PHASES OF CONSTRUCTION, THE CONTRACTOR SHALL UTILIZE STAKED SILT FENCE AND/OR HAY	IF YES TO EITHER QUESTION, PLEASE EXPLAIN.	CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL	INVENTORY FOR POLLUTION PREVENTION PLAN	SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.	
BALE S OR OTHER BEST MANAGEMENT PRACTICES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS SET FORTH BY LOCAL, STATE AND FEDERAL		VEGETATION.SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED.		ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.	OR UTIES
REQUIRMENTS.	CONTROLS	STRUCTURAL PRACTICES (IF APPLICABLE):	THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:	THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM	FOR/D FOR/D RACTOR RACTOR
	IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE GRADING, DRAINAGE & EROSION	I. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.	X Concrete X Fertilizers X Wood	CONTACT WITH A HAZARDOUS SUBSTANCE.	SUB-CONT
	CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING	OSED TO DIVERT HONOTT THROUGH A SEDIMENT THAT ING FACILITY.	X Asphalt X Petroleum Based Products X Masonry Blocks X Tar X Cleaning Solvents X Roofing Materials	SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE	GENEI
TIMING OF CONTROLS/MEASURES	PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE.THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE GRADING, DRAINAGE & EROSION CONTROL PLAN AND	2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF	X Detergents X Paints X Metal Studs	SIZE OF THE SPILL.	
IT IS THE CONTRACTOR IS RESPONSIBE FOR THE TIMING OF CONTROLS AND MEASURES AS REQUIRED TO MEET REQUIREMENTS.	ADD ADDITIONAL CONTROL MEASURES,AS REQUIRED,TO ENSURE THE SITE MEETS ALL FEDERAL,STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS.THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE	DISCHARGE FROM A DISTURBED AREA. THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER		THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP	
CERTIFICATION OF COMPLIANCE WITH FEDERALSTATE AND LOCAL REGULATIONS	IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE GRADING, DRAINAGE & EROSION CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY	INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:	SPILL PREVENTION MATERIAL MANAGEMENT PRACTICES	THE SPILL IF THERE IS ANOTHER ONE.A DESCRIPTION OF THE SPILL,WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.	
FEDERAL, STATE AND LOCAL REGULATIONS	AGENCIES.	A. BLOCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW	THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE	THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.	ADDRES.
IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS,THE FOLLOWING		CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.	USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.	HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE	AWD ,
PERMITS HAVE BEEN OBTAINED. # _ERP_APPLICATION	EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES (IF APPLICABLE):	B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE	GOOD HOUSEKEEPING	INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP.THE NAMES OF RESPONSIBLE SPILL	NAME RACTOF
#_ BRO_COUNTY_DPEP	I. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:	PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED	THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.	PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.	- CONT
POLLUTION PREVENTION PLAN CERTIFICATION	A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING	AREAS.	* AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.		
ICERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL	DRAINAGE AREA IS NO GREATER THAN 2 ACRES. C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.	C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE	* ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT,ORDERLY	MAINTENANCE/INSPECTION PROCEDURES	
ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED	D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE	SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) ARE TYPICAL.THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH	MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.	EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE	
PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED.BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO	THERE IS THE POSSIBILITY OF A WASHOUT.IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.	AS IN STREET OR HIGHWAY MEDIANS.	* PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL	USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS. NO MORE THAN 5 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME	
MANAGE THE SYSTEM,OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION,THE INFORMATION SUBMITTED IS,TO THE BEST OF MY KNOWLEDGE AND BELIEF,TRUE,ACCURATE,AND COMPLETE.I	REFER TO EROSION CONTROL DETAILS FOR CONSTRUCTING THE HAY BALE BARRIER. ALSO REFER TO THE GRADING, DRAINAGE & EROSION CONTROL	3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION	ORIGINAL MANUFACTURER'S LABEL.	WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.	BE B
AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR	PLAN FOR PROPER LOCATION	& SEDIMENT PROBLEM TO THE RECEIVING WATER BODY.SILT FENCES & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE	* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.	ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND	i/GNAT U
KNOWING VIOLATIONS.	2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:	DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL. 4. SEDIMENT BASIN; (NOT APPLICABLE)	* WHENEVER POSSIBLE,ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.	FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER. ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING	
	A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING		* MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL	ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.	
	CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. REFER TO THE EROSION CONTROL DETAILS FOR PROPER CONSTRUCTION		BE FOLLOWED.	BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS	
	OF THE FILTER FABRIC BARRIER.		* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.	REACHED ONE-THIRD THE HEIGHT OF THE FENCE.	
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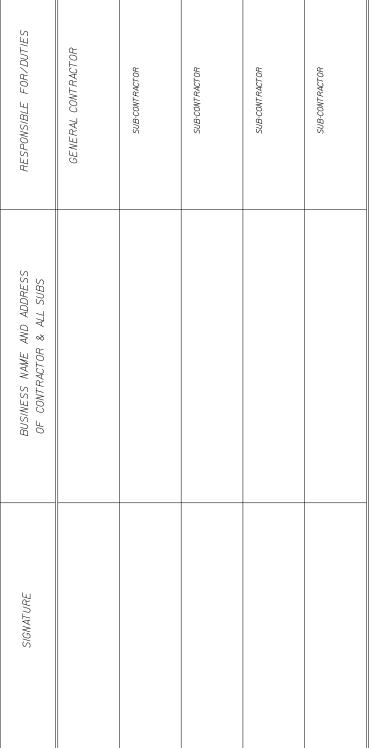
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ARGE WATER

THE



Kaller Architects 2417 Hollywood Boulevard Hollywood, Florida 33020–6605 (954) 920–5746

FLORIDA

Center

STORMWATER POLLUTION PREVENTION PLAN

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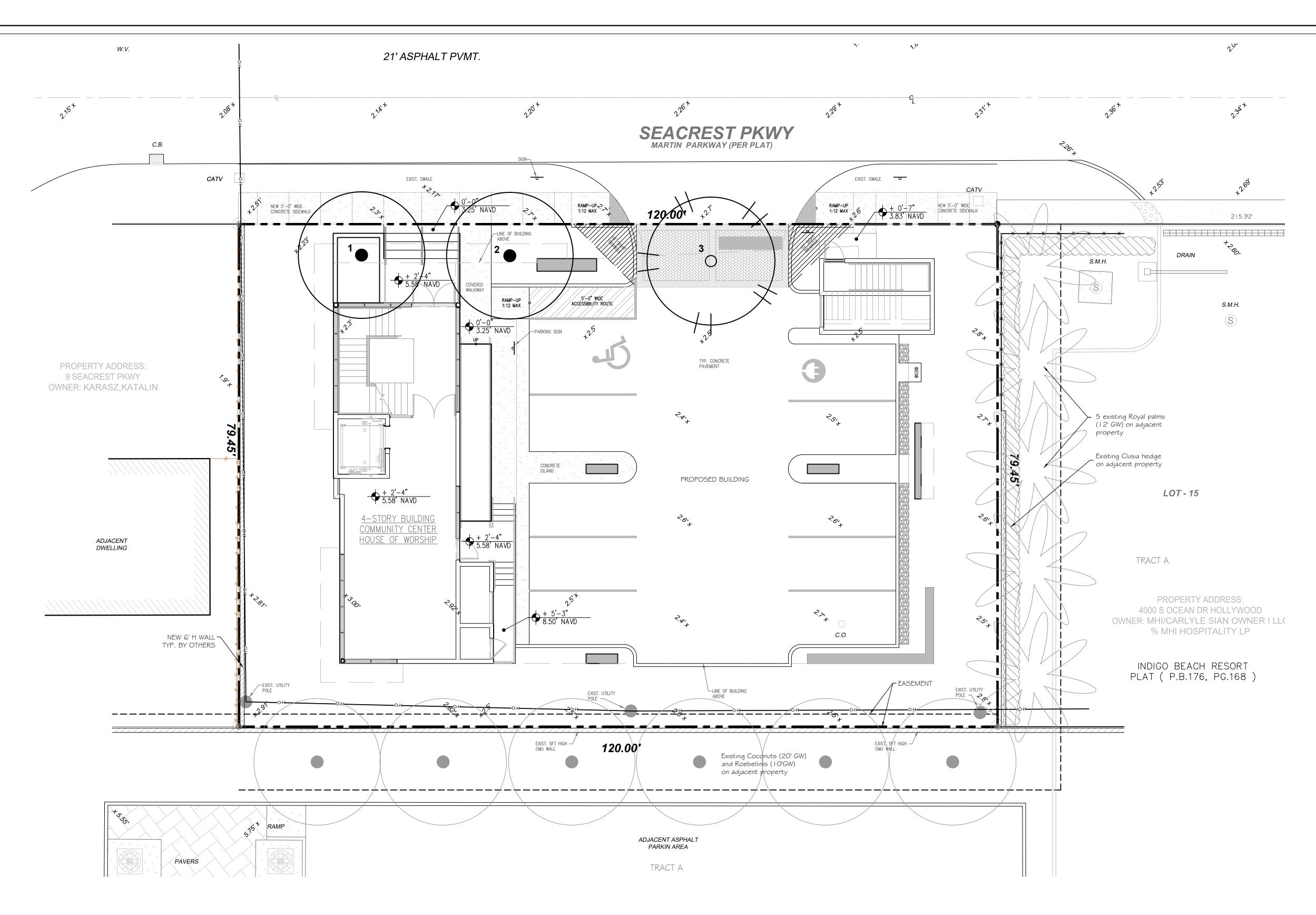
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Nov. 2018 Designed by: DRAWN BY: G.G.B.

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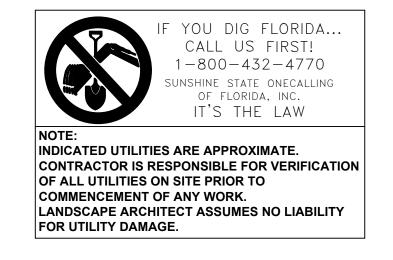
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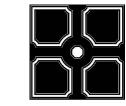
SHEET C-8



EXISTING VEGETATION

Nr Botanical name	Common name	Hight	Conditions	Action
1 Cocos nucifera	Coco palm	22' GW	70%	RELOCATE
2 Cocos nucifera	Coco palm	22' GW	70%	RELOCATE
3 Bursera simaruba	Gumbo limbo	20'x20'	75%	RELOCATE

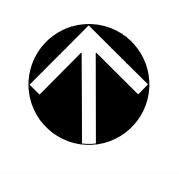




The Mirror of Paradise Gabriela Fojt

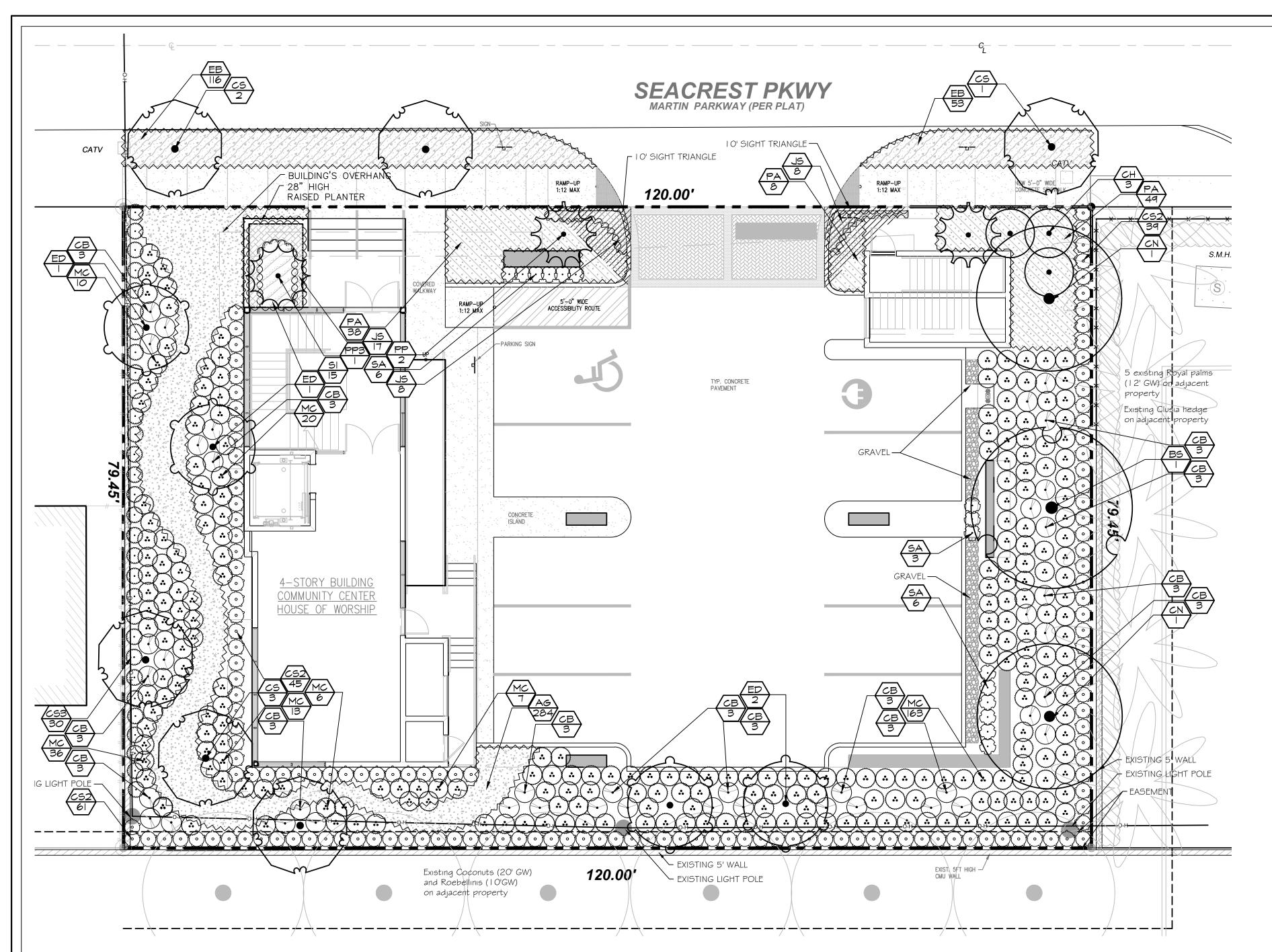
LA 6667277 LC 26000628

3924 N. Ocean Blvd. Fort Lauderdale FL 33308 Tel (954) 478 3064 www.florida-landscape.com gabriela@themirrorofparadise.com



SCALE	1/8" = 1'-0"
DESIGNED BY	GW, GF
DRAWN BY	GF
CHECKED BY	GW,GF
CAD DWG.	
DATE	01.07.19
REVISIONS	

DT-1 OF 1



Condition	Requirement	Existing	Provided
PERIMETER LANDSCAPE			
-One Tree per 50' of street frontage (150 lf/50=3)	3	0	3
MITIGATION TREES AND PALMS	N/A		N/A
(e existing palms and 1 tree relocated on site)			
VEHICULAR USE AREA			
-Terminal Islands at ends of all parking areas	4	0	4
OPEN SPACE (Min 40% open landscape area)			
-Site area 9,534 x 40%	3,814 sf		3,822 s
-One Tree per 1000SF open space (3,814 /1000)	4	1 tree, 2 palms	6
-Required tree species/variety	3	2	6
-Minimum 60% of required trees as Native	7	1	7
-Maximum 50% of required trees may be palms	(max) 5	2	2
DESIGN REVIEW			
-Complies with Design Review Guidelines for Landscapin	g YES		YES
VIEW TRIANGLE			
-Clear site triangles at all drives and intersections	YES		YES
IRRIGATION			
-Provide 100%+ coverage by auto sprinkler system	YES		YES
(In accordance with City of Hollywood and SFWMD)			
OTHER			
-Apply Xeriscape principles to proposed landscape desig	n YES		YES
-Utilize plant species compatible with highly saline areas	YES		YES
-Trees to be 12'oah, 2" DBH at time of planting	YES		YES
-Palms to have minimum 8'CT at time of planting	YES		YES
-50% of all required shrubs to be Florida Native	YES		YES
 A city of Hollywood tree removal/relocation permit will as part of this project. Application is available online fro or in RM308 in City Hall. 	- I		

City of Hollywood Landscape Requirements RM-25



COMMENCEMENT OF ANY WORK.

FOR UTILITY DAMAGE.

LANDSCAPE ARCHITECT ASSUMES NO LIABILITY

PLANT SCHEDULE GROUND LEVEL

EXISTING TREES BS	<u>aty</u> I	BOTANICAL NAME / COMMON NAME Bursera simaruba / Gumbo Limbo	<u>SIZE</u> 20'x20'	<u>SPACING</u> AS SHOWN	NATIVE YES	<u>DROUGHT RESISTANT</u> HIGH
CN	2	Cocos nucifera / Coconut Palm	22' GM	AS SHOWN	NO	HIGH
TREES AND PALMS	<u>QTY</u> 3	BOTANICAL NAME / COMMON NAME Chamaerops humilis / Mediterranean Fan Palm	<u>SIZE</u> 6' OA single matched	<u>SPACING</u> AS SHOWN	NATIVE NO	<u>DROUGHT RESISTANT</u> HIGH
CS	6	Conocarpus erectus 'Sericeus' / Silver Buttonwood	12' <i>0</i> A 2" DBH	AS SHOWN	YES	MODERATELY
ED	4	Elaeocarpus decipiens / Japanese Blueberry Tree	12' <i>0</i> A 2" DBH	AS SHOWN	NO	MODERATELY
PP	2	Polyalthia longifolia pendula / Indian Mast Tree	10' 0A	AS SHOWN	NO	HIGH
PP3	1	Polyalthia longifolia pendula / Indian Mast Tree	14' OA	AS SHOWN	NO	HIGH
<u>SHRUBS</u> CB	<u>QTY</u> 42	BOTANICAL NAME / COMMON NAME Callicarpa americana / American Beautyberry	<u>SIZE</u> 3 gal 24"OA	<u>SPACING</u> AS SHOWN	NATIVE YES	<u>DROUGHT RESISTANT</u> HIGH
C53	30	Clusia guttifera / Small Leaf Clusia	7gal 42"0A	30" OC	NO	HIGH
C52	145	Conocarpus erectus 'Sericeus' / Silver Buttonwood	3 gal 24"0A	24" O.C.	YES	HIGH
MC	255	Muhlenbergia capillaris / Pink Muhly	3 gal 18"0A	30" OC	YES	HIGH
SA	15	Schefflera arboricola / Green arboricola	3 gal 24" h	24" O.C.	NO	HIGH
SHRUBS & GROUNDC. AG	<u>QTY</u> 284	BOTANICAL NAME / COMMON NAME Arachis glabrata / Perennial Peanut	<u>SIZE</u> I gal 8" spr	SPACING 18" O.C.	NATIVE NO	<u>DROUGHT RESISTANT</u> AFETR ESTABLISHED
EB	169	Evolvulus glomeratus 'Blue Daze' / Blue daze	l gal 8" spr	18" O.C.	NO	HIGH
JS	33	Juniperus conferta / Shore Juniper	l gal 8" spr	18" O.C.	NO	HIGH
PA	95	Plumbago (mix) / Blue and white Plumbago mix	3 gal 18" OA	24" O.C.	NO	HIGH
SI	15	Salvia × 'Indigo Spire' / Sage	3 gal 18" 0A	18" O.C.	NO	HIGH

JOB CONDITIONS:

Any building construction material or foreign material shall be removed from planting areas and replaced with acceptable top soil.

expense of the Landscape Contractor in a manner approved by the Owner. Where underground obstructions will not permit the planting materials in accordance with the plans, new locations shall be approved by the Landscape Architect.

Landscape work shall be coordinated with the landscape irrigation work. Landscape Contractor shall ensure that no plantings will interfere with the proper coverage. Landscape Contractor shall point out situations where minor adjustments or relocation or addition of sprinklers heads may be most beneficial for the landscape work as a

PLANT MATERIAL:

Plant species and size shall conform to those indicated on the drawings. Nomenclature shall conform to STANDARDIZED PLANT NAMES, LATEST EDITION. All plant material shall be in accordance with GRADES AND STANDARDS FOR NURSERY PLANTS, latest edition published by the Florida Department Agriculture and Consumer Services. All plants not otherwise specified as Florida Fancy, or Specimen, shall be Florida Grade Number 1 or better as determined by the Florida Grade Plant Industry. Specimen means an exceptionally heavy, symmetrical, tightly-knit plant, so trained or favored in its development that its appearance is unquestionable and outstandingly superior in form, number of branches, compactness and symmetry. All plants shall be sound, healthy, vigorous, well branched and free of disease and insect eggs and larvae and shall have adequate root systems. Trees and shrubs for planting rows shall be uniform in size and shape. All materials shall be subject to approval by the Landscape Architect. Where any requirements are omitted from the Plant List, the plants furnished shall be normal for the variety.

All container grown material shall be healthy, vigorous, well-rooted plants and established in the container. The plants shall have tops which are good quality and are in a healthy growing condition. An established container grown plant shall be transplanted into a container and grown in that container long enough for the new fibrous roots to have developed enough to hold the root mass together when removed from the container.

Root bound plants will not be accepted.

Site water shall be verified by Contractor prior to submission of bids.

The use of natural material is strongly encouraged for balled and burlapped plants. All synthetic material shall be completely removed from root ball PRIOR to planting. At time of bid, Contractor shall submit a written schedule of all sources for coconut palms as well as seed sources for coconuts. Coconuts shall be certified Malayan Green with a certified seed source from Jamaica.

The most critical factor for selecting a healthy Florida Number 1 tree is the structure. This consists of one central main trunk and leader. Branches are considered competing if they are 2/3 the diameter of the leader or greater. Competing branches may be acceptable if they occur above 50% of the overall height of the tree. Caliper of tree should meet specifications. Leader (center trunk) may have slight (<15 degree) bow (Tabebuia caraiba excluded), but must be intact with apical (leading) bud.

Branches should be spread evenly (staggered, alternating) through the tree branches spaced no closer than 4". Canopy should be full to specifications with little or no openings or holes. A thinning canopy will be taken into consideration with field dug plant material.

Trees should have no open wounds or damage, flush cuts, chlorosis, shorter or taller than specified height, girdling roots, undersize loose root ball, crossing branches, 10% of root ball shall be above grade after planting. Root ball tying ropes removed from trunk and top of root ball.

MULTIPLE TRUNK TREES:

Trees having no distinct leader. Trunks on these trees should not be touching and free of damage and similar in size. Canopy should be full and uniform.

RELOCATED TREES:

species equal to relocated or dead tree, as approved by the Landscape Architect.

These trees may not conform to grades and standards, yet do have quality criteria which effect the health, longevity and safety of the tree (and person which may contact tree). This is NOT meant to be a guideline for transplanting trees, but rather the criteria by which relocated trees will meet Town, County, State or governing agency guidelines. Trees which require excessive pruning should NOT be used. Damaged or dead relocated trees will be replaced with appropriate number of caliper inches and

No more than 20% of the foliage should be removed for any reason (excluding Sabal Palms). Trees should be corrected for any structural defects, touching branches, dead or rotting wood, V-shaped branching or branching which may effect human safety issues post relocation. Topping a relocated tree is not acceptable.

Damage to the trunk/branches will not exceed 10% of the trunk diameter and 2" in height.

Any major limb or canopy pruning will be qualified and performed by a Certified Arborist.

Provide bubblers on separate zones for all newly planted and transplanted trees unless alternate approach to provide additional water is approved by owner and Landscape Architect.

MATERIALS LIST:

Landscape Contractor shall be responsible for verifying all quantities for material shown on drawings prior to submitting a bid. Planting plan shall take precedence over the plant list. Final quantity of sod and mulch shall be

No substitutions shall be made without the approval from the Landscape Architect and/or the Owner. Intended substitutions shall be indicated on the bid. MEASUREMENTS:

Canopy Trees- Height shall be measured from the ground to the average height of canopy. Spread shall be measured to the end of branching equally around the crown from the center of the trunk. Caliper (d.b.h.) will be

Shrubs- Height shall be measured from the ground. Spread shall be measured to the end of branching equally around the shrub mass.

Palms- Clear trunk (C.T.) shall be measured from the ground to the point where the mature aged trunk joins the immature or green part of the trunk or head.

Overall height (O.A.) shall be measured from the ground to the tip of the unopened bud.

100% irrigation coverage shall be provided. Provide bubblers on separate zones for all newly planted and transplanted trees unless alternate approach to provide additional water is approved by Owner and Landscape

All new plant materials shall be guaranteed for one year from the time of acceptance and shall be alive and in satisfactory growth for each specific kind of plant at the end of the guarantee period. The Landscape Contractor shall not be responsible for damage caused by vandalism, violent wind storms or other acts of God beyond control. Replacement shall occur within two weeks of rejection and guaranteed six months from date of installation. Landscape Contractor shall repair damage to other plants or lawns during plant replacements at no additional cost.

Mulch shall not contain sticks 1/4" in diameter or stones. Apply 3" of mulch except on top of tree rootballs and against woody shrubs. Rootballs will receive less than 1" mulch with no mulch touching trunk or root collar. Do not apply mulch against the trunks of woody shrubs.

All sod shall be installed in such a manner that there is an even surface, staggered pattern. Sod will be green in color and in good health. NO overlap, gaps, damage, insects, disease and less than 10% chlorosis will be

permitted. All gaps will be filled with clean native soil.

Landscape Contractor to suggest alternate means of staking for approval with Landscape Architect if staking methods shown are not feasible due to site conditions.

Manufacturer's Specification: Submit manufacturer's specification sheet(s) for approval of product. Submit tags from bags of fertilizer used on site to the Architect. Submit copies of the manufacturer's specifications or

Composition and Quality: All fertilizer shall be uniform in composition and dry. Granular fertilizer shall be free flowing and delivered in unopened bags. Tablet fertilizer shall be delivered in unopened containers or boxes. All bags, containers or boxes shall be fully labeled with the manufacturer's analysis.

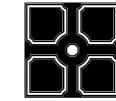
Fertilizer shall be slow release with ratio greater than 3 to 1 nitrogen to phosphorous applied on top of backfill, per manufacturer's recommendations.

All shall comply with the State of Florida fertilizer laws.

Landscape Contractor shall at all times keep job site clean and free from accumulation of waste material, debris and rubbish.

Upon written request from the Contractor, Owner and/or Landscape Architect shall perform inspection to determine completion of Contract.

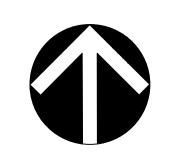
ACCEPTANCE: Following inspection, Contractor will be notified, in writing, by Owner and/or Landscape Architect of acceptance of completion with regards to plant material and workmanship according to Contract.



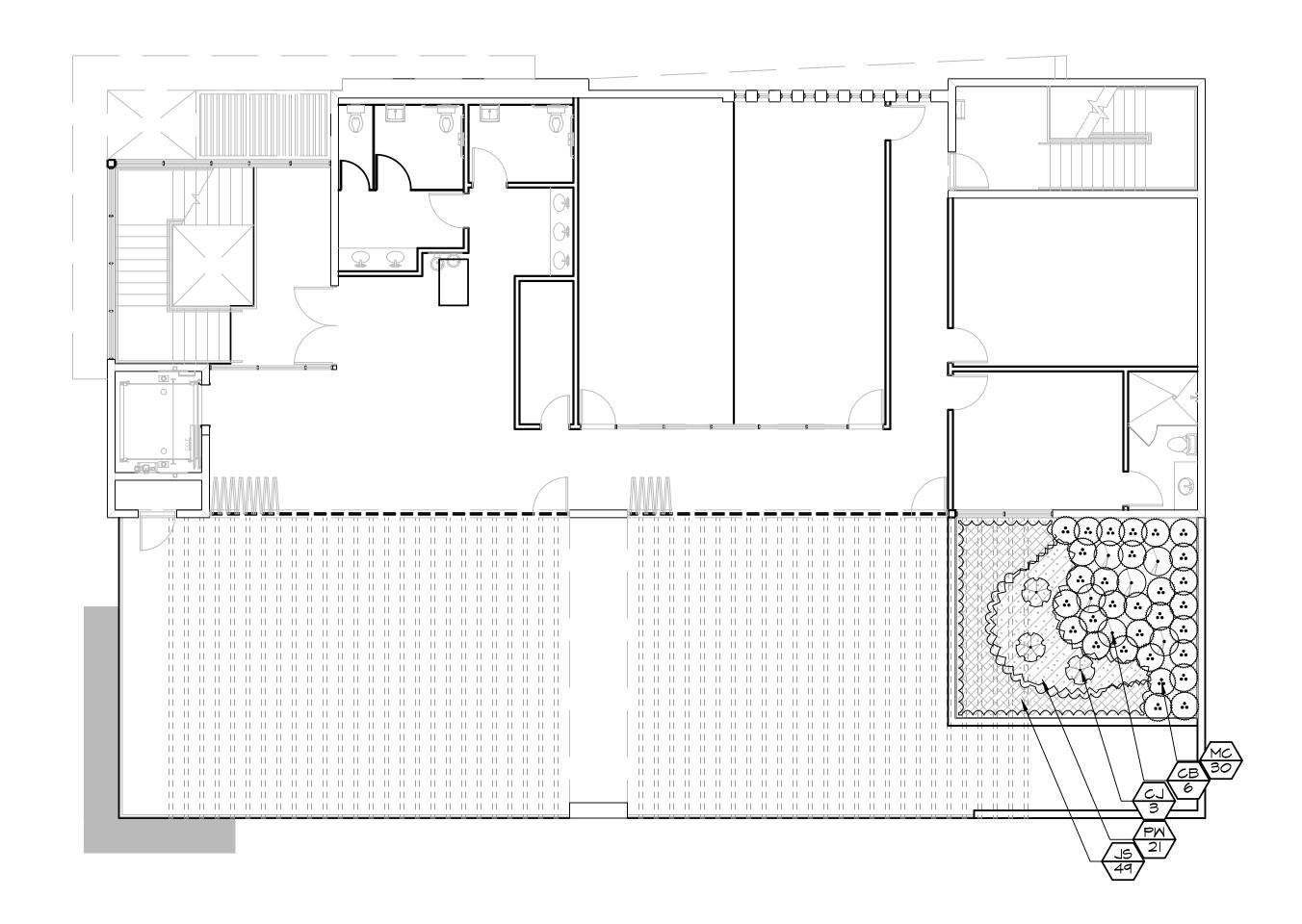
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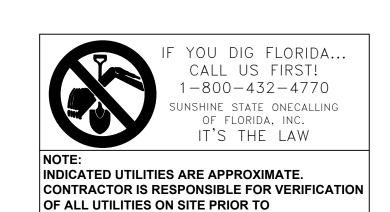


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PLANT SCHEDULE 4TH FLOOR

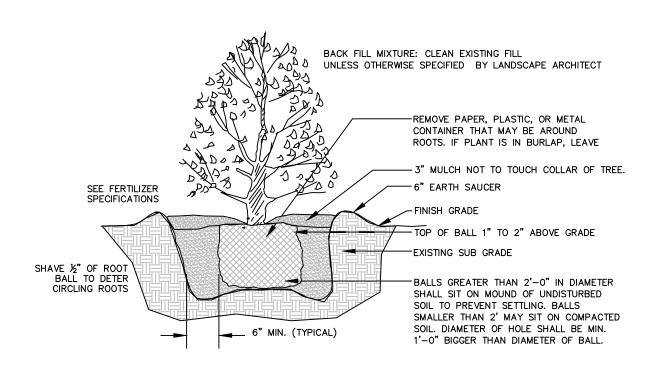
<u>SHRUBS</u> CJ	<u> </u>	BOTANICAL NAME / COMMON NAME Crinum jagus / St. Christopher Lily	<u>SIZE</u> 7 gal	<u>SPACING</u> AS SHOWN	NATIVE NO	<u>DROUGHT RESISTANT</u> MODERATE
CB	6	Callicarpa americana / American Beautyberry	3 gal 24"0A	AS SHOWN	YES	HIGH
MC	30	Muhlenbergia capillaris / Pink Muhly	3 gal 18"0A	30" OC	YES	HIGH
SHRUBS & GROUNDC. JS	<u>QTY</u> 49	BOTANICAL NAME / COMMON NAME Juniperus conferta / Shore Juniper	<u>SIZE</u> I gal 8" spr	<u>SPACING</u> 18" O.C.	NATIVE NO	<u>DROUGHT RESISTANT</u> HIGH
PW	21	Plumbago auriculata White / White Plumbago	3 qal	24" O.C.	NO	HIGH



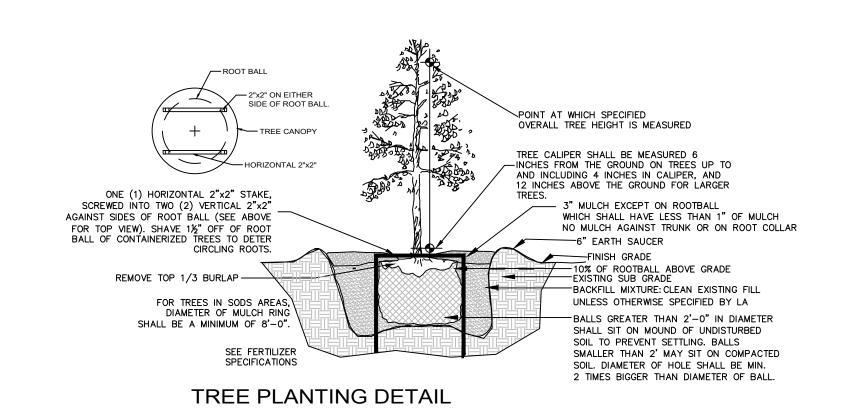
LANDSCAPE ARCHITECT ASSUMES NO LIABILITY

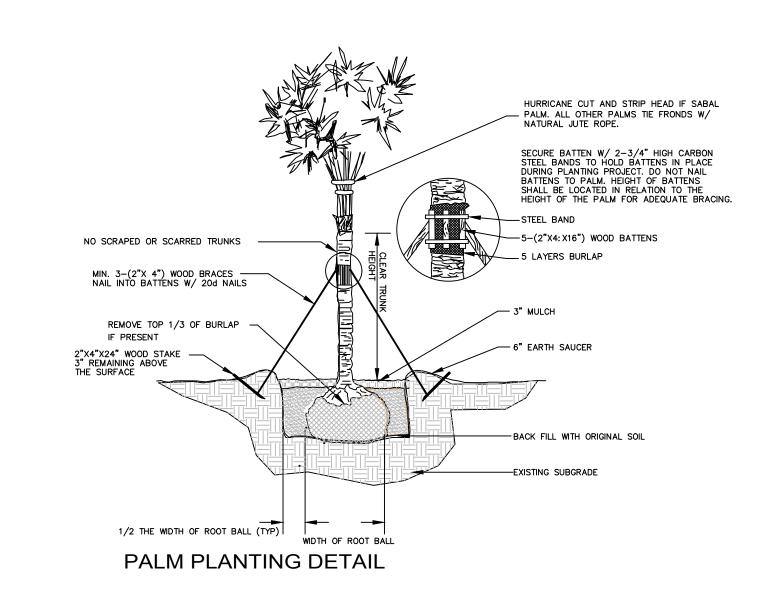
COMMENCEMENT OF ANY WORK.

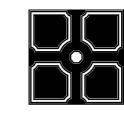
FOR UTILITY DAMAGE.



SHRUB PLANTING DETAIL



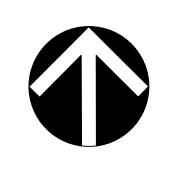




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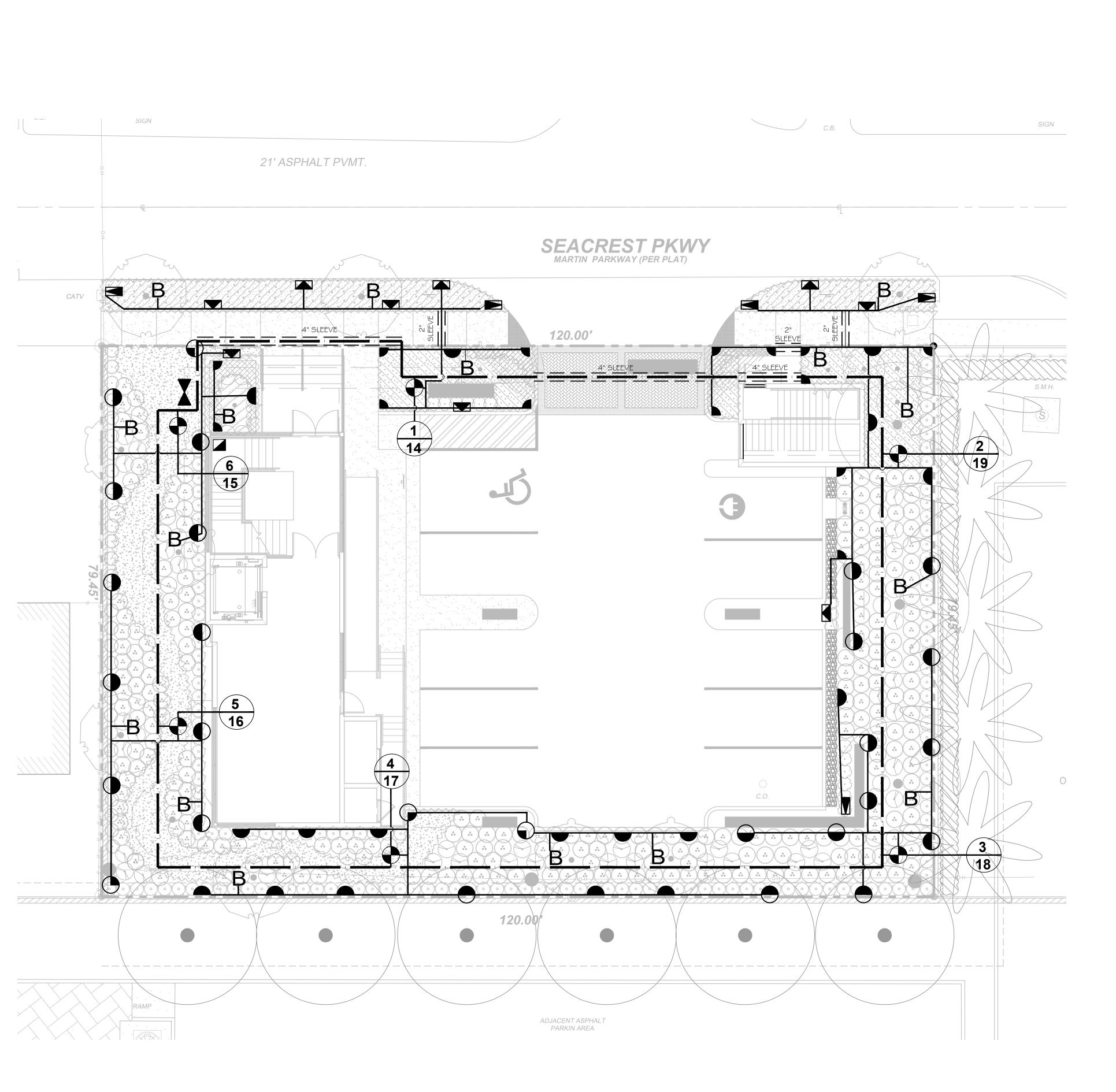


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ROOF GARDEN AND DETAILS

SEACREST PKWY

JLLYWOOD, FL 33019



TO SIZE LATERAL PIPES NOT TO BE EXCEED 5' PER SECOND AS NOTED IN THE APPENDIX 'F' CODE

- I 1/4" SCHEDULE 40 MAIN LINE
- LATERAL PIPES SCHEDULE 40
- WILKINS #702-A P.V.B. BACKFLOW

HUNTER PRO-C MODULAR CONTROLLER WITH #502-C RAIN SENSOR



HUNTER PGV-101JTG SERIES ELECTRIC VALVE (1")



REMOTE CONTROL VALVE CHARACTERISTIC SYMBOL

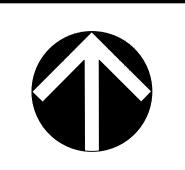
- HUNTER ADJUSTABLE BUBBLER AFB-10
- 6" HUNTER PRO SPRAY MIST HEAD 10'-0" HALF CIRCLE
- 6" HUNTER PRO SPRAY MIST HEAD 10'-0" QUARTER CIRCLE
- 6" HUNTER PRO SPRAY MIST HEAD 15'-0" FULL CIRCLE
- 6" HUNTER PRO SPRAY MIST HEAD 15'-0" HALF CIRCLE
- 15'-0" QUARTER CIRCLE
- ✓ 6" HUNTER PRO SPRAY MIST HEAD SIDE SPRAY
- END SPRAY 6" HUNTER PRO SPRAY MIST HEAD



INDICATED UTILITIES ARE APPROXIMATE.
CONTRACTOR IS RESPONSIBLE FOR VERIFICATION
OF ALL UTILITIES ON SITE PRIOR TO
COMMENCEMENT OF ANY WORK.
LANDSCAPE ARCHITECT ASSUMES NO LIABILITY
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IRRIGATION SPECIFICATIONS

A. EXTENT:

Includes furnishing all labor, materials and equipment for the proper installation of the irrigation system. The work includes, but is not limited to the following: (1) Trenching and Backfill; (2) Automatically Controlled Irrigation System; (3) Test All Systems and Make Operative; (4) "As-Built" Drawings.

B. GENERAL:

- 1. Permits and Fees: Obtain all permits and pay required fees to any governmental agency having jurisdiction over the work. Inspections required by local ordinances during the course of construction shall be arranged as required. On completion of the work, satisfactory evidence shall be furnished to the Tenant's construct ion representative to show that all work has been installed in accordance with the ordinances and code requirements.
- 2. Approval: Wherever the terms "approve" or "approved" are used in the specifications, they shall mean the approval of the tenant's construction representative in writing
- 3. Before any work is started, a conference shall be held between the contractor and the Tenant's construction representative concerning the work under this Contract.
- 4. Coordination: Coordinate and cooperate with other contractors to enable the work to proceed as rapidly and efficiently as possible.
- 5. Inspection of Site:
- a. Submission of his proposal shall be considered evidence that the examination has been conducted. Should utilities not shown on the plans be found during excavations, Contractor shall promptly notify the Tenant's construction representative for instructions as to further action. Failure to do so will make contractor liable for any and all damage thereto arising from his operations subsequent to discovery of such utilities not shown in plans.
- b. Contractor shall make necessary adjustments in the layout as may be required to connect to existing stubouts, should such stubs not be located exactly as shown, and as may be required to work around existing work at no increase in cost to the Tenant's construction representative.
- 6. Protection of Existing Plants and Site Conditions: The Contractor shall take necessary precautions to protect site conditions to remain Should damage be incurred, this Contractor shall repair the damage to its original condition at his own expense.
- 7. The owner reserves the right to substitute, add, or delete any material or work as the work progresses. Adjustments to the contract price shall be negotiated if deemed necessary by the Owner on a per diem basis.
- 8. The Owner reserves the right to reject material or work which does not conform to the Contract Documents. Rejected work shall be removed or corrected at the earliest time possible.
- 9. Work Schedule: Within 10 days after award of the Contract, the contractor shall submit to the Owner a work schedule.
- 10. "As-Built" Irrigation Drawings: Prepare an "As-Built" drawing on a blueprint which shall show deviatioons from the bid documents made during construction affecting the main line pipe, contoller locations, remote control valves and quick coupling valves. The drawings shall also indicate and show approved substitutionsize, material and manufacturers name and catelog name and catelog number. The drawings shall be delivered to the Tenant's construction representative before final acceptance of work
- 11. Final Acceptance: Final acceptance of the work may be obtained from the Tenant's construction representative upon the satisfactory completion of all work.
- 12. Guarantee: All work shall be guaranteed for one year from date of acceptance against all defects in material, equipment amd workmanship. Guarantee shall also cover repair of damage to any part of the premises resulting from leaks or other defects in material, equipment and workmanship to the satisfactory of the Tenant's construction representative. Repairs, if required, shall be done promptly at no cost to the Owner.

C. MATERIALS:

- 2. Plastic Piping: All main lines shall be Sch. 40 Type 1120-1220 polyvinyl chloride 1. General: All materials throughout the system shall be new and in perfect condition.
- (PVC) pipe and shall conform to CS-256-63 All lateral piping shall be class 160 Type 1120-1220 polyvinyl chloride (PVC) pipe and shall conform to CS-256-63
- 3. Plastic Fittings: Sch. 80 solvent weld, polyvinyl chloride (PVC) for mainline and Sch. 40 solvent weld, polyvinyl chloride (PVC) for zone laterals. as manufactured by Sloane, Lasco, or approved equal.
- 4. Solvent Cement: Compatible with PVC pipe, of proper consistency, and color.
- 5. Sprinkler Head Risers: Sch. 40 PVC for risers. Pipe shall be cut in a standard pipe cutting tool with sharp cutters. Ream only to full diameter of pipe and clean all rough edges or burrs. Cut all threads accurately with sharp dies. Not more than three(3) full threads shall show beyond fittings when pipe is made up. Assemblies shall be as detailed.
- 6. Automatic Controllers: See Legend
- 7. Remote Control Valves: See Legend
- 8. Control Wiring: 24 volt solid UL approved for direct burial in ground. Minimum wire size: 14 guage.
- 9. Sleeves for Control Wiring: Under all walks and paved areas and where indicated on drawings. Minimum PVC 1220-160 psi plastic pipe.
- 10. Sprinkler Heads: See Legend
- D. WORKMANSHIP:
- 1. Lay out work as accurately as possible to the drawings. The drawings, though carefully drawn, are generally diagrammatic to the extent that swing joints, offsets, and all fittings are not shown.
- The Contractor shall be responsible for full and complete coverage of all irrigated areas and shall make any necessary minor adjustments at no additional cost to the Tenant's construction representative.

- 3. Any major revisions to the irrigation system must be submitted and answered in written form, along with any change in contract price.
- E. INSTALLATION:
- Excavation and Trenching:
- a. Perform all excavations as required for the installation of the work including under this section, including shoring of earth banks to prevent cave-ins. Restore all surfagces, existing underground installations, etc., damaged or cut as a result of the excavations to their original condition and in a manner approved by the Owner.
- b. Trenches shall be made wide enough to allow a minimum of 6 inches between parallel pipe lines. Trenches for pipe lines shall be made of sufficient depths to provide the minimum cover from finish grade as follows
 - 1) 18" minimum cover over main lines
 - 2) 24" minimum cover over control wiring from controller to valves. 3) 10" minimum cover over lateral lines to heads.
- c. Maintain all warning signs, shoring, barricades, flares and red lanterns as required by the Safety Orders of the Division of Industrial
- 2. Pipe Line Assembly:

Safety and local ordinances.

- a. Install remote control valves where shown and group together where practical; place no closer than 12 inches to walk edges, buildings and walls.
- b. Plastic pipe and fittings shall be solvent welded using solvents and methods recommended by manufacturer of the pipe, except where screwed connections are required. Pipe and fittings shall be thoughly cleaned of dirt, dust and moisture before applying solvent with a non-synthetic bristle brush.
- c. Pipe may be assembled and welded on the surface. Snake pipe from side to side of trench bottom to allow for expansion and contraction.
- d. Make all connections between plastic pipe and metal valves or steel
- pipe with threaded fittings using plastic male adapters.
- 3. Sprinkler Heads:
- a. Install all sprinklers as detailed on drawings.
- b. Do not scale plans for exact head location.
- 4. Flushing Lines:
- a. Thoroughly flush out all water lines before installing valves and sprinkler heads.
- b. Upon completion of the flushing and installing valves and heads, the contractor adjust sprinkler heads for proper distribution to the lanscape areas, limiting unnecassary overspray.

5. Automatic Controllers:

- a. Connect remote control valves to controller in a clockwise sequence to correspond with station setting beginning with Stations 1, 2, 3, etc.
- 6. Automatic Control Wiring:
- a. Install control wiring, sprinkler mains and laterals in common trenches wherever possible.
- b. Install control wires at least 24" below finish grade and lay to the side and below the main line. Provide looped slack at valves and snake wires in trench to allow for contraction of wires. Tie wires in bundles at intervals.
- c. Control wire splices will be allowed only runs over 500 ft.
- d. All wiring passing under existing or future paving, construction, etc., shall be encesed in plastic or galvanized steel conduit extending at least 12" beyond edges of paving or construction.
- 8. Backfill and Compacting:
- a. After system is operating and required tests and inspections have been made, backfill excavations and trenches with clean soil, free of
- b. Backfill for all trenches, regardless of the type of pipe covered, shall be compacted to minimum 90% density.
- c. Compact trenches in areas to be planted by thoroughly flooding the backfill. Jetting process may be used in those areas.
- d. Dress off all areas to finish grades.

SCALE: NOT TO SCALE

6" POP UP

HUNTER (NOT TO SCALE)

F. CLEAN-UP:

Remove from the site all debris resulting from work of this section.

MPR PLUS NOZZLES -(SIZE PER PLAN)

- AT FINISHED GRADE

HUNTER SPRINKLER

HUNTER FUNNY PIPE MIN. LENGTH OF 18"

HUNTER BARBED

LATERAL PIPE

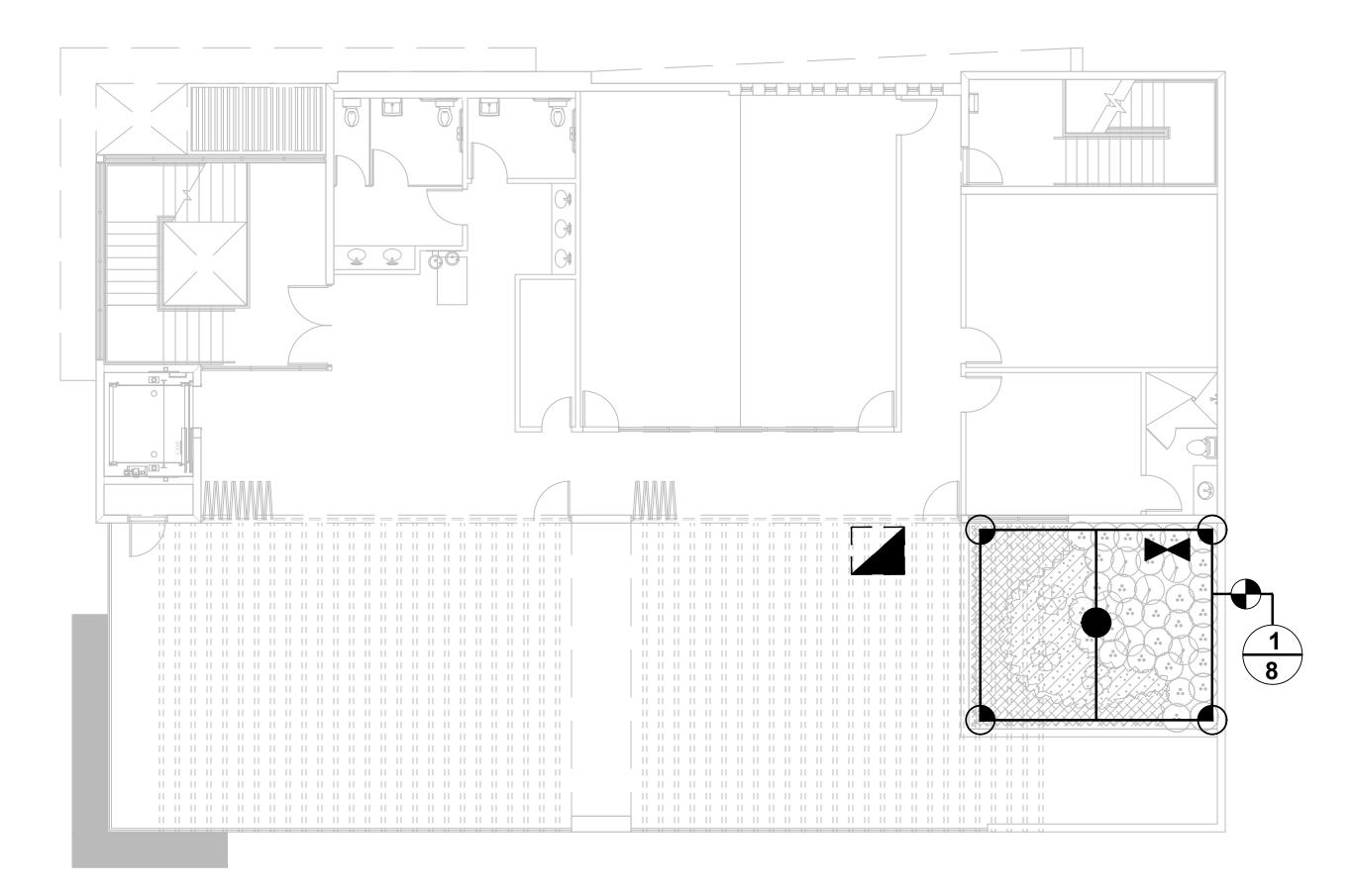
--- LATERAL TEE

APPROVED BACKFILL

NOTE: INSTALL SPRINKLER

NOTE: CONTRACTOR MAY

FOR IRRIGATION LEGEND SEE IR-1



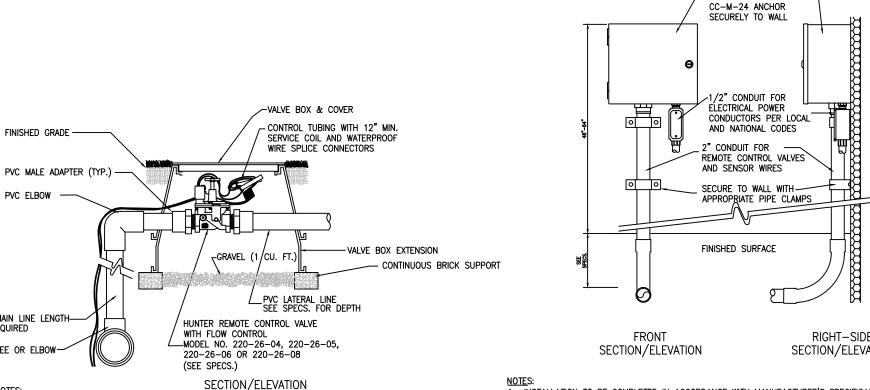


LANDSCAPE ARCHITECT ASSUMES NO LIABILITY

IRRIGATION CONTROLLER

COMMENCEMENT OF ANY WORK.

FOR UTILITY DAMAGE.



VALVE

FINISHED GRADE -

PVC ELBOW

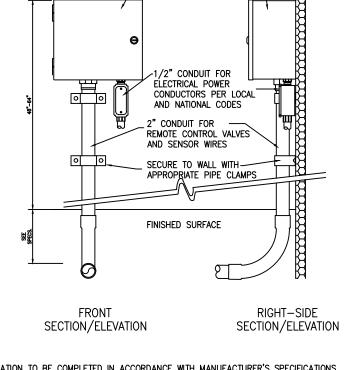
PVC MAIN LINE LENGTH— AS REQUIRED

PVC TEE OR ELBOW-

HUNTER PGV-101JTG SERIES ELECTRIC VALVE (1") (NOT TO SCALE)

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

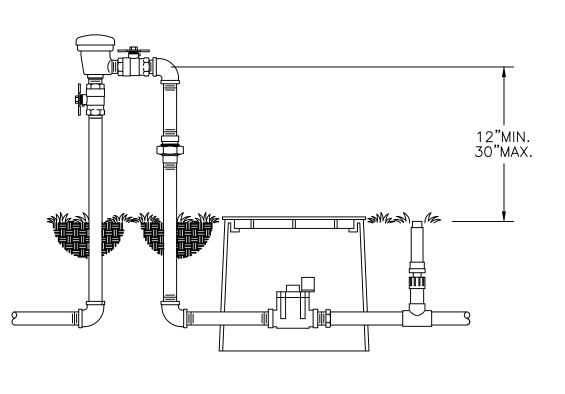
DO NOT SCALE DRAWINGS.
 SEE PLANS, LEGEND AND SPECIFICATIONS FOR ADDITIONAL INSTALLATION NOTES.



1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.

CONTROLLER

HUNTER PRO-C MODULAR CONTROLLER WITH #502-C RAIN SENSOR (NOT TO SCALE)



WILKINS MODEL 720A PRESSURE VACUUM BREAKER ASSEMBLY

OUTDOOR HORIZONTAL INSTALLATION

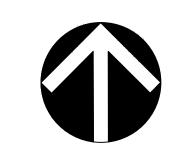
DIRECTION OF FLOW

The Mirror of Paradise Gabriela Fojt

LA 6667277

LC 26000628

3924 N. Ocean Blvd. Fort Lauderdale FL 33308 Tel (954) 478 3064 www.florida-landscape.com gabriela@themirrorofparadise.com



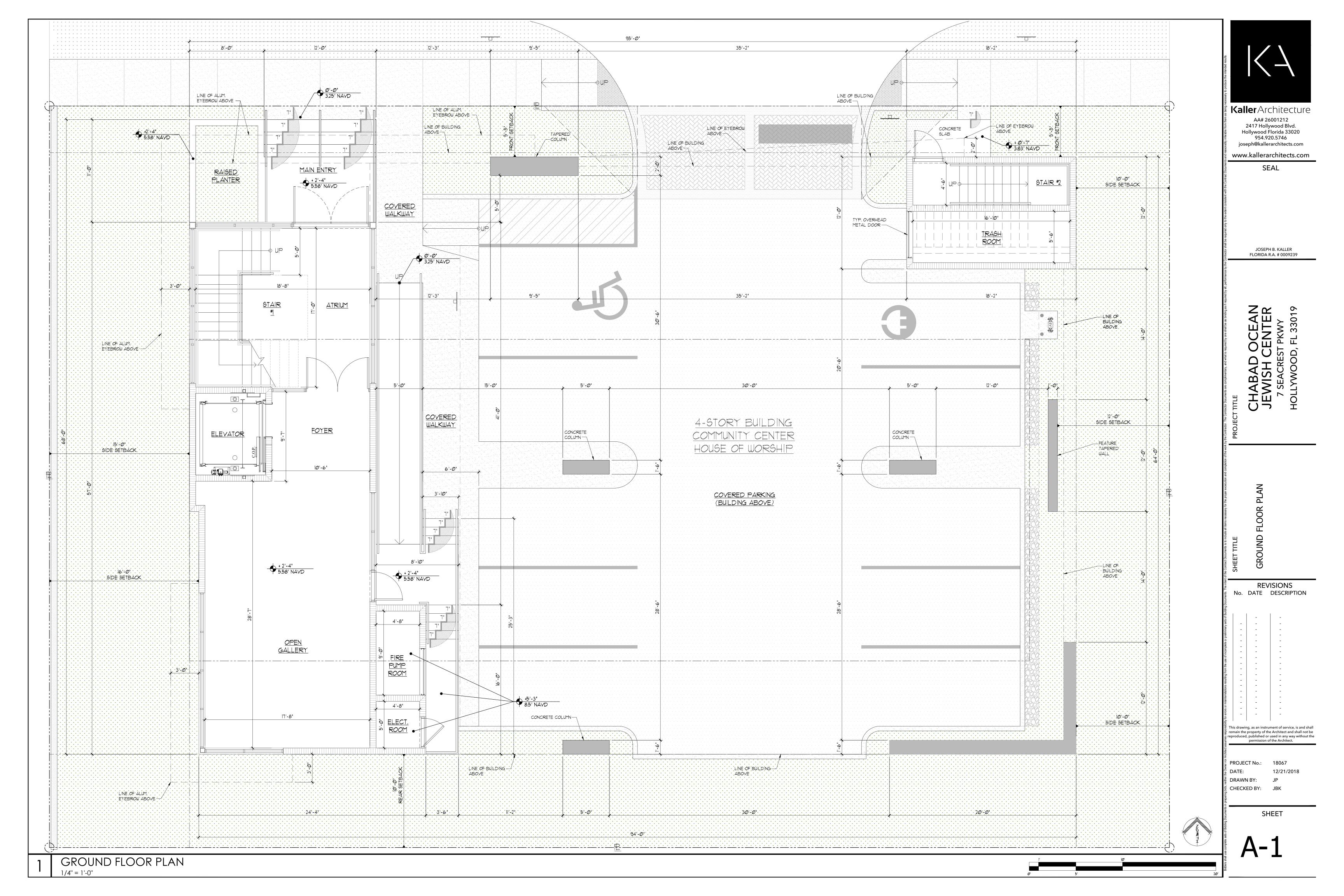
SCALE 1/8" = 1'-0" DESIGNED BY GW, GF DRAWN BY GW,GF CHECKED BY CAD DWG. 01.07.19 DATE **REVISIONS**

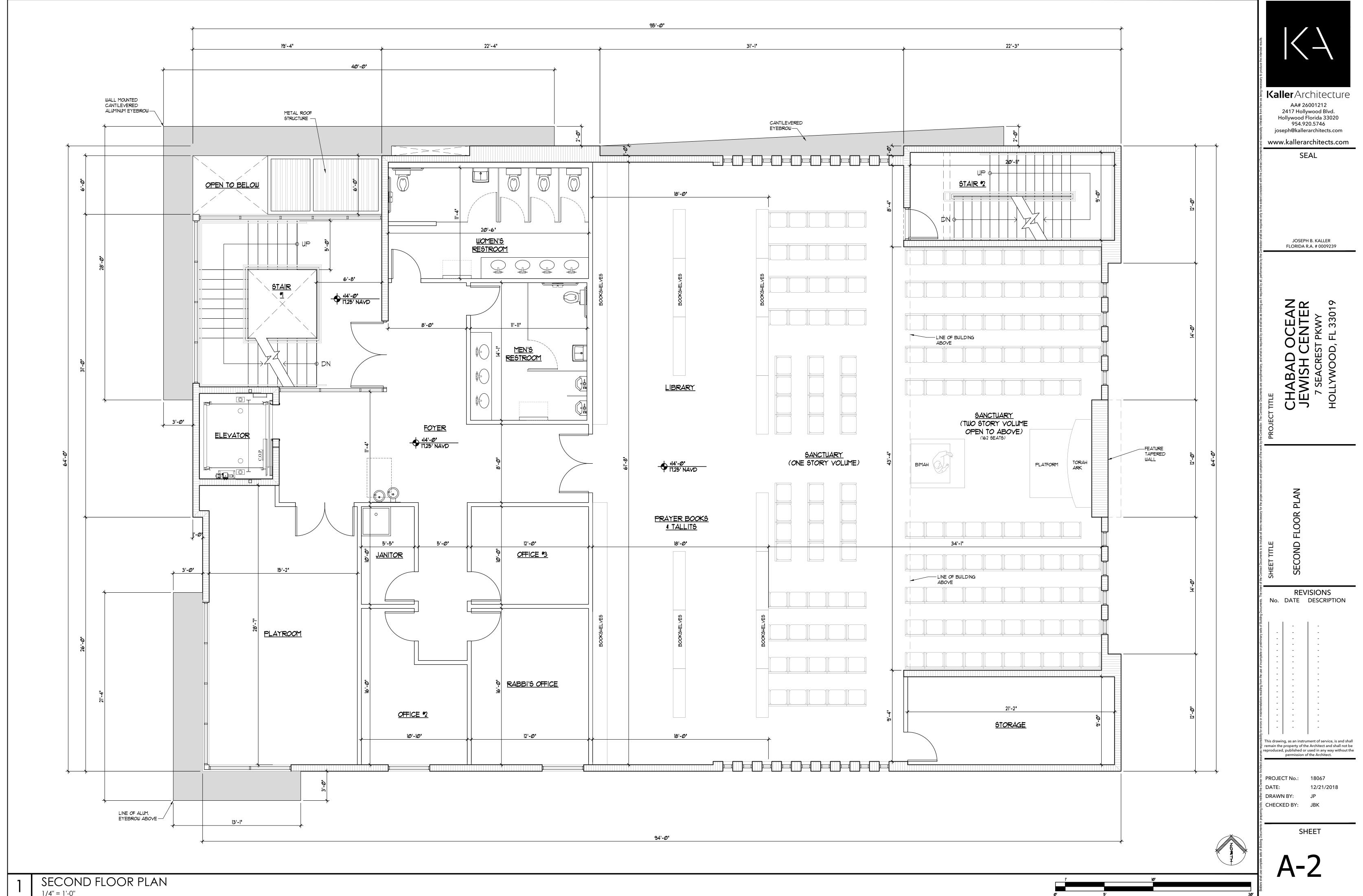
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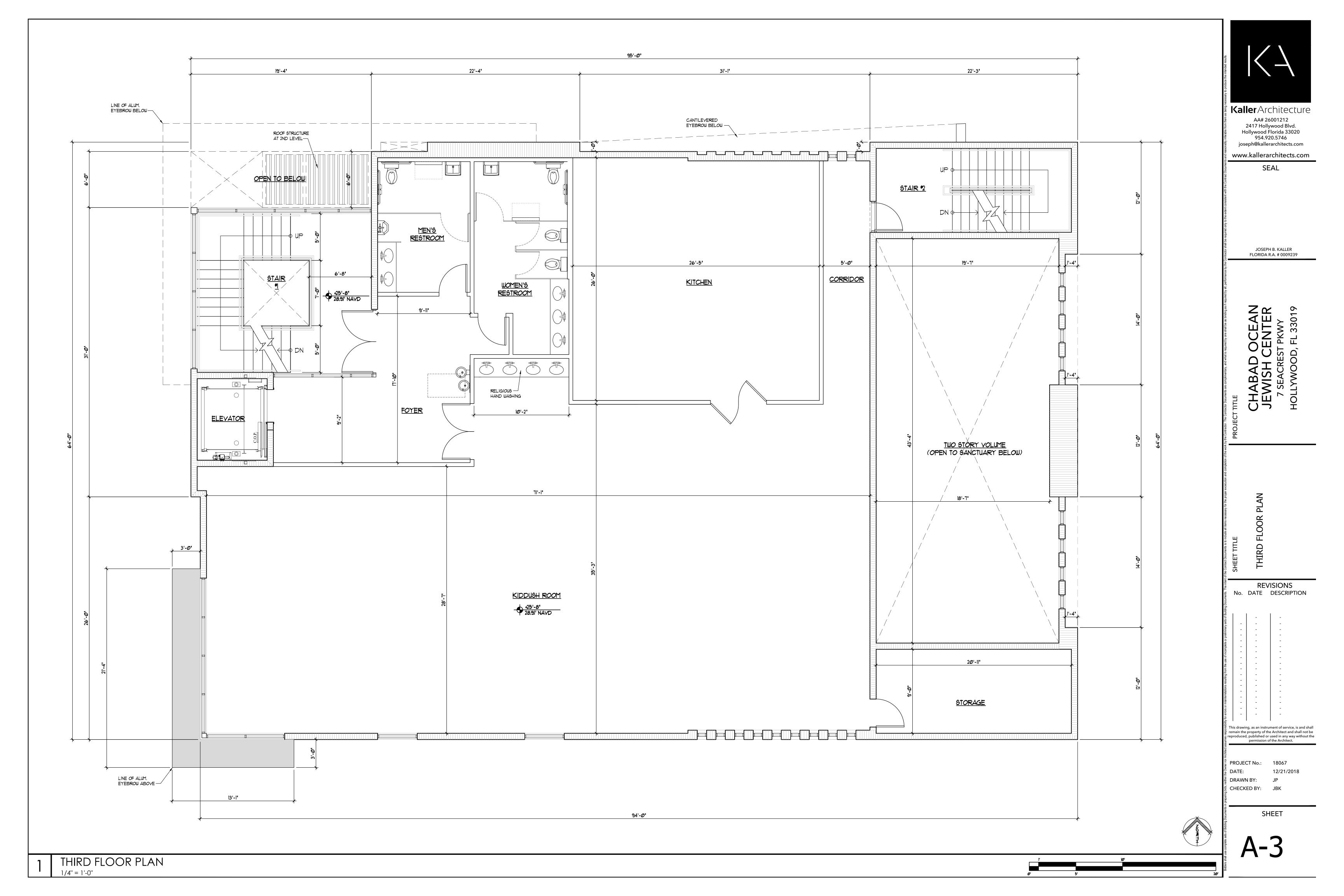
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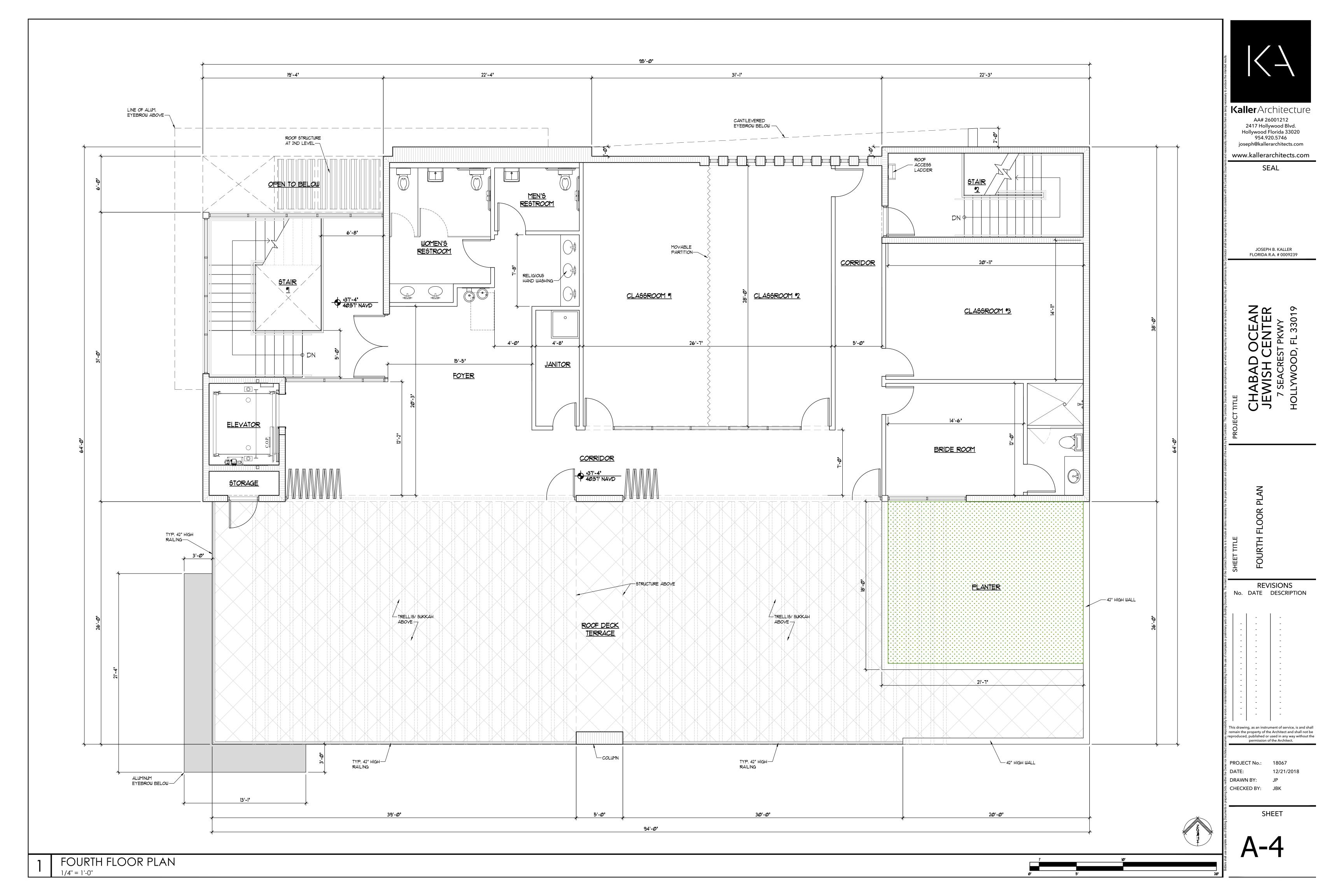
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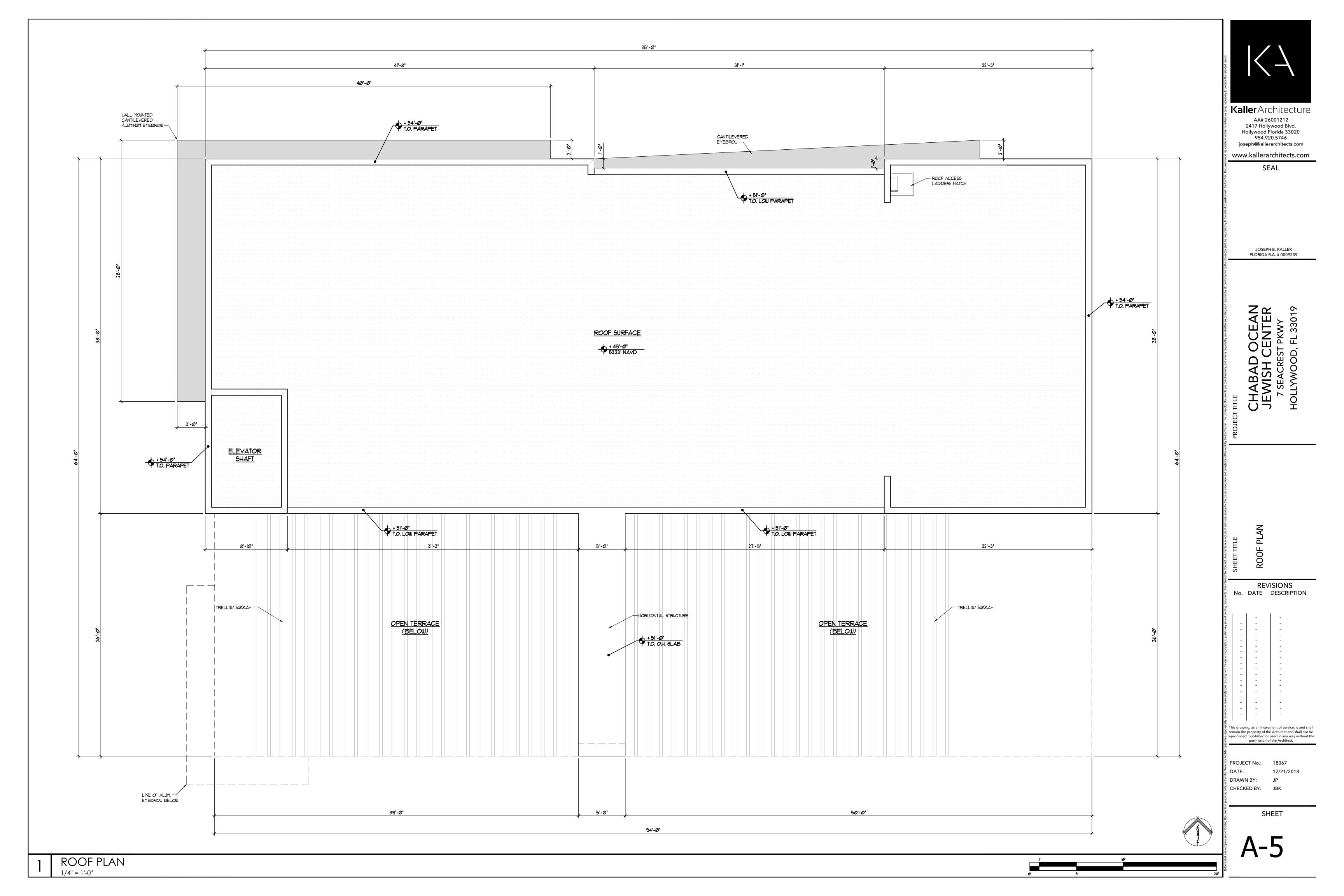
IR-2 OF 2

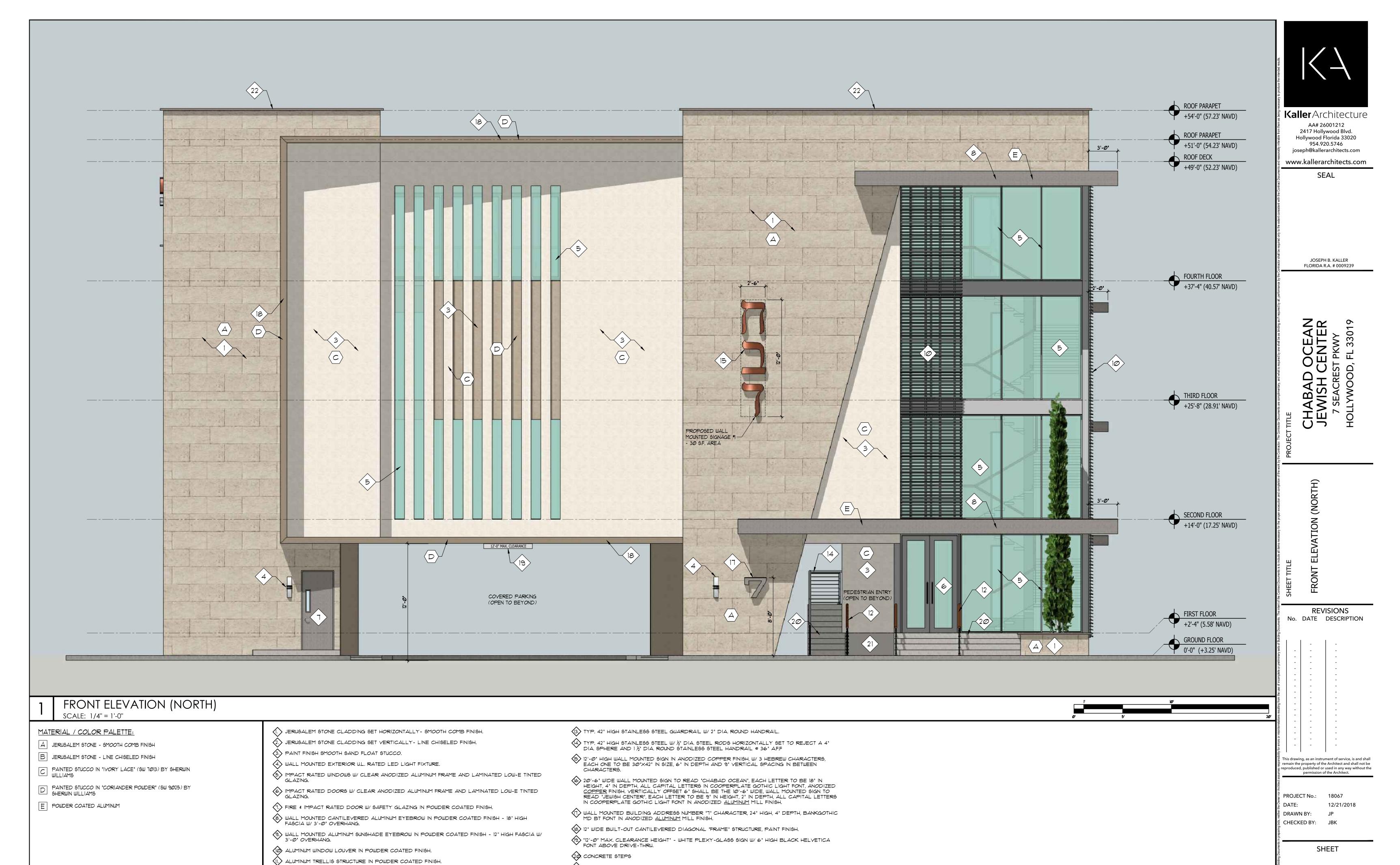












(21) RAMP

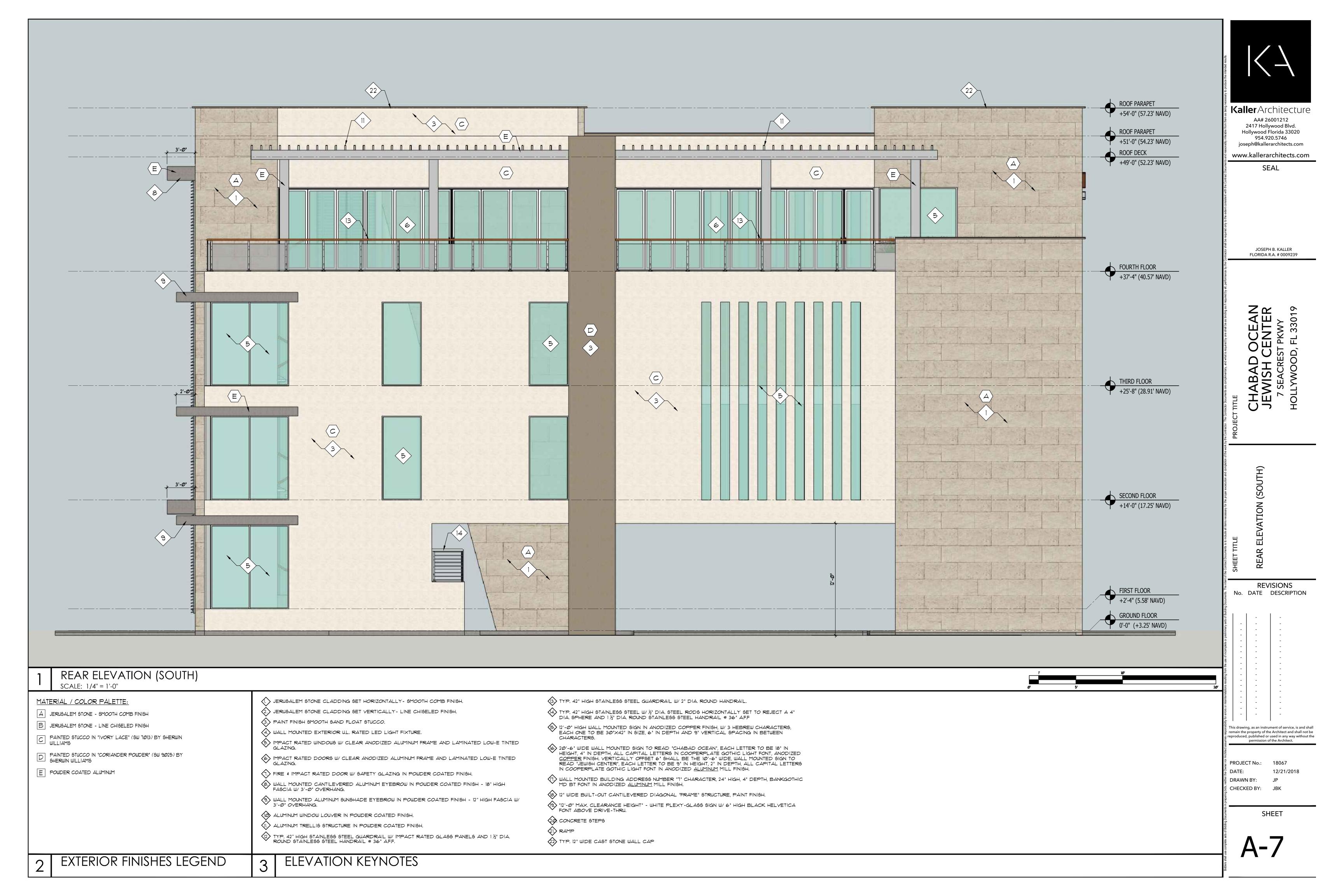
22) TYP. 12" WIDE CAST STONE WALL CAP

12 TYP. 42" HIGH STAINLESS STEEL GUARDRAIL W/ IMPACT RATED GLASS PANELS AND 1 $\frac{1}{2}$ " DIA. ROUND STAINLESS STEEL HANDRAIL @ 36" A.F.

ELEVATION KEYNOTES

EXTERIOR FINISHES LEGEND

A-6





SIDE ELEVATION (EAST) SCALE: 1/4" = 1'-0"

MATERIAL / COLOR PALETTE:

- A JERUSALEM STONE SMOOTH COMB FINISH
- B JERUSALEM STONE LINE CHISELED FINISH
- PAINTED STUCCO IN "IVORY LACE" (SW 7013) BY SHERWIN WILLIAMS
- PAINTED STUCCO IN "CORIANDER POWDER" (SW 9025) BY SHERWIN WILLIAMS
- E POWDER COATED ALUMINUM

- (.) JERUSALEM STONE CLADDING SET HORIZONTALLY- SMOOTH COMB FINISH.
- 2. JERUSALEM STONE CLADDING SET VERTICALLY- LINE CHISELED FINISH.
- 3.) PAINT FINISH SMOOTH SAND FLOAT STUCCO.
- 4.) WALL MOUNTED EXTERIOR U.L. RATED LED LIGHT FIXTURE.
- 5) IMPACT RATED WINDOWS W/ CLEAR ANODIZED ALUMINUM FRAME AND LAMINATED LOW-E TINTED GLAZING:
- \Leftrightarrow impact rated doors w/ clear anodized aluminum frame and laminated low-e tinted glazing.
- FIRE & IMPACT RATED DOOR W/ SAFETY GLAZING IN POWDER COATED FINISH.
- & WALL MOUNTED CANTILEVERED ALUMINUM EYEBROW IN POWDER COATED FINISH 18" HIGH FASCIA W/ 3'-0" OVERHANG.
- WALL MOUNTED ALUMINUM SUNSHADE EYEBROW IN POWDER COATED FINISH 12" HIGH FASCIA W/ 3'-0" OVERHANG.
- ALUMINUM WINDOW LOUVER IN POWDER COATED FINISH.
- (I) ALUMINUM TRELLIS STRUCTURE IN POWDER COATED FINISH.
- 12 TYP. 42" HIGH STAINLESS STEEL GUARDRAIL W/ IMPACT RATED GLASS PANELS AND 1 ½" DIA. ROUND STAINLESS STEEL HANDRAIL @ 36" A.F.

- (3) TYP. 42" HIGH STAINLESS STEEL GUARDRAIL W/ 2" DIA. ROUND HANDRAIL.
- 1YP. 42" HIGH STAINLESS STEEL W/ $\frac{1}{2}$ " DIA. STEEL RODS HORIZONTALLY SET TO REJECT A 4" DIA. SPHERE AND 1 $\frac{1}{2}$ " DIA. ROUND STAINLESS STEEL HANDRAIL @ 36" A.F.F
- 12'-0" HIGH WALL MOUNTED SIGN IN ANODIZED COPPER FINISH, W/ 3 HEBREW CHARACTERS, EACH ONE TO BE 30"X42" IN SIZE, 6" IN DEPTH AND 9" VERTICAL SPACING IN BETWEEN CHARACTERS.
- 20'-6" WIDE WALL MOUNTED SIGN TO READ "CHABAD OCEAN", EACH LETTER TO BE 18" IN HEIGHT, 4" IN DEPTH, ALL CAPITAL LETTERS IN COOPERPLATE GOTHIC LIGHT FONT, ANODIZED COPPER FINISH. VERTICALLY OFFSET 6" SHALL BE THE 10'-6" WIDE, WALL MOUNTED SIGN TO READ "JEWISH CENTER", EACH LETTER TO BE 9" IN HEIGHT, 2" IN DEPTH, ALL CAPITAL LETTERS IN COOPERPLATE GOTHIC LIGHT FONT IN ANODIZED ALUMINUM MILL FINISH.
- WALL MOUNTED BUILDING ADDRESS NUMBER "7" CHARACTER, 24" HIGH, 4" DEPTH, BANKGOTHIC MD BT FONT IN ANODIZED ALUMINUM MILL FINISH.
- (8) 12" WIDE BUILT-OUT CANTILEVERED DIAGONAL "FRAME" STRUCTURE, PAINT FINISH.
- 9) "12'-0" MAX. CLEARANCE HEIGHT" WHITE PLEXY-GLASS SIGN W/6" HIGH BLACK HELVETICA FONT ABOVE DRIVE-THRU.
- 20. CONCRETE STEPS
- (21) RAMP
- 22) TYP. 12" WIDE CAST STONE WALL CAP



Kaller Architecture AA# 26001212 2417 Hollywood Blvd. Hollywood Florida 33020 954.920.5746

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SEAL

JOSEPH B. KALLER

FLORIDA R.A. # 0009239

REVISIONS No. DATE DESCRIPTION

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PROJECT No.: 18067 DATE: DRAWN BY: CHECKED BY: JBK

SHEET

EXTERIOR FINISHES LEGEND

ELEVATION KEYNOTES



MATERIAL / COLOR PALETTE:

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EXTERIOR FINISHES LEGEND

E POWDER COATED ALUMINUM

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