



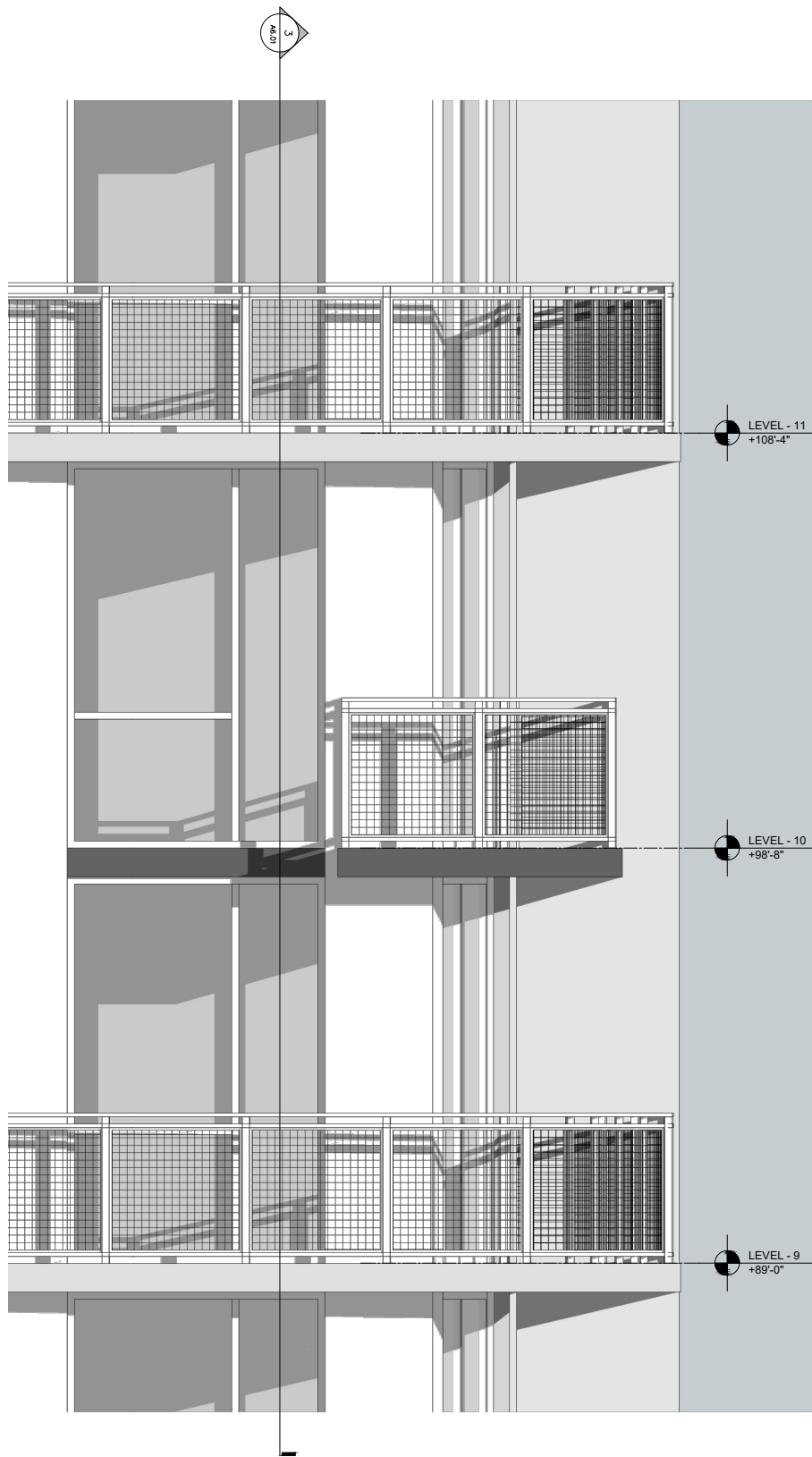
NINE HOLLYWOOD
 320 South Federal Highway, Hollywood, FL
 January 22, 2019

Renders

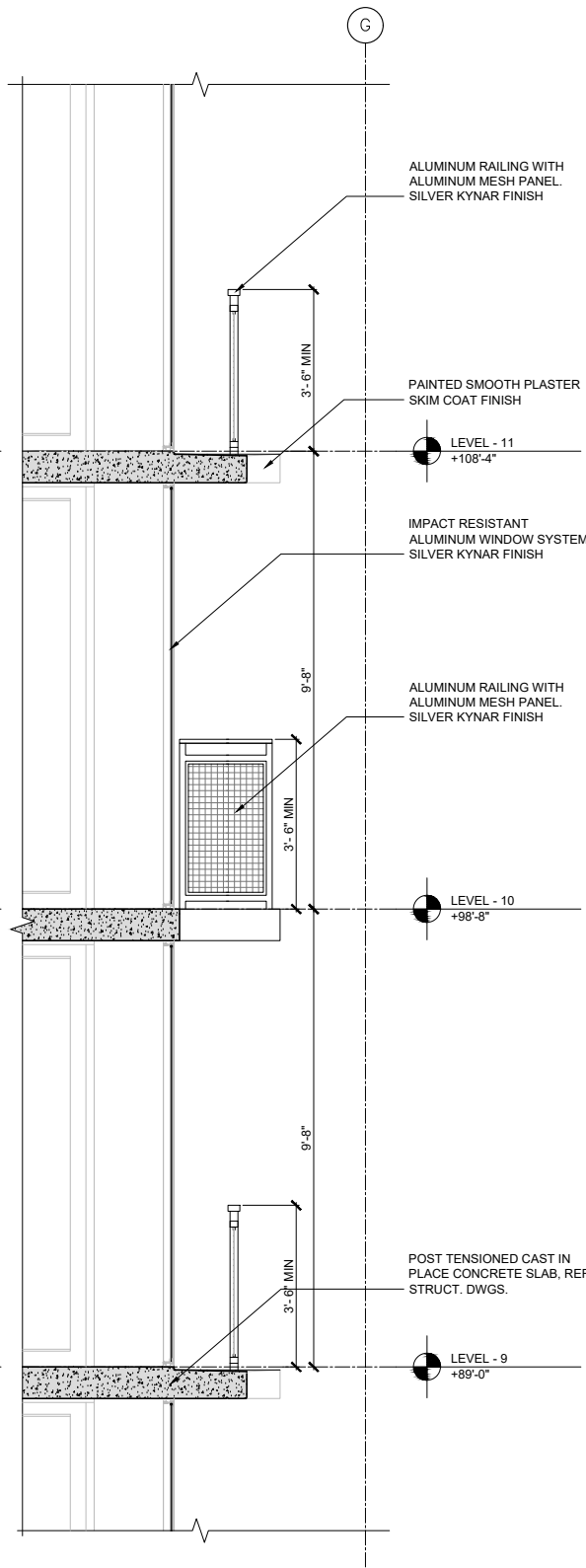
A5 | 01



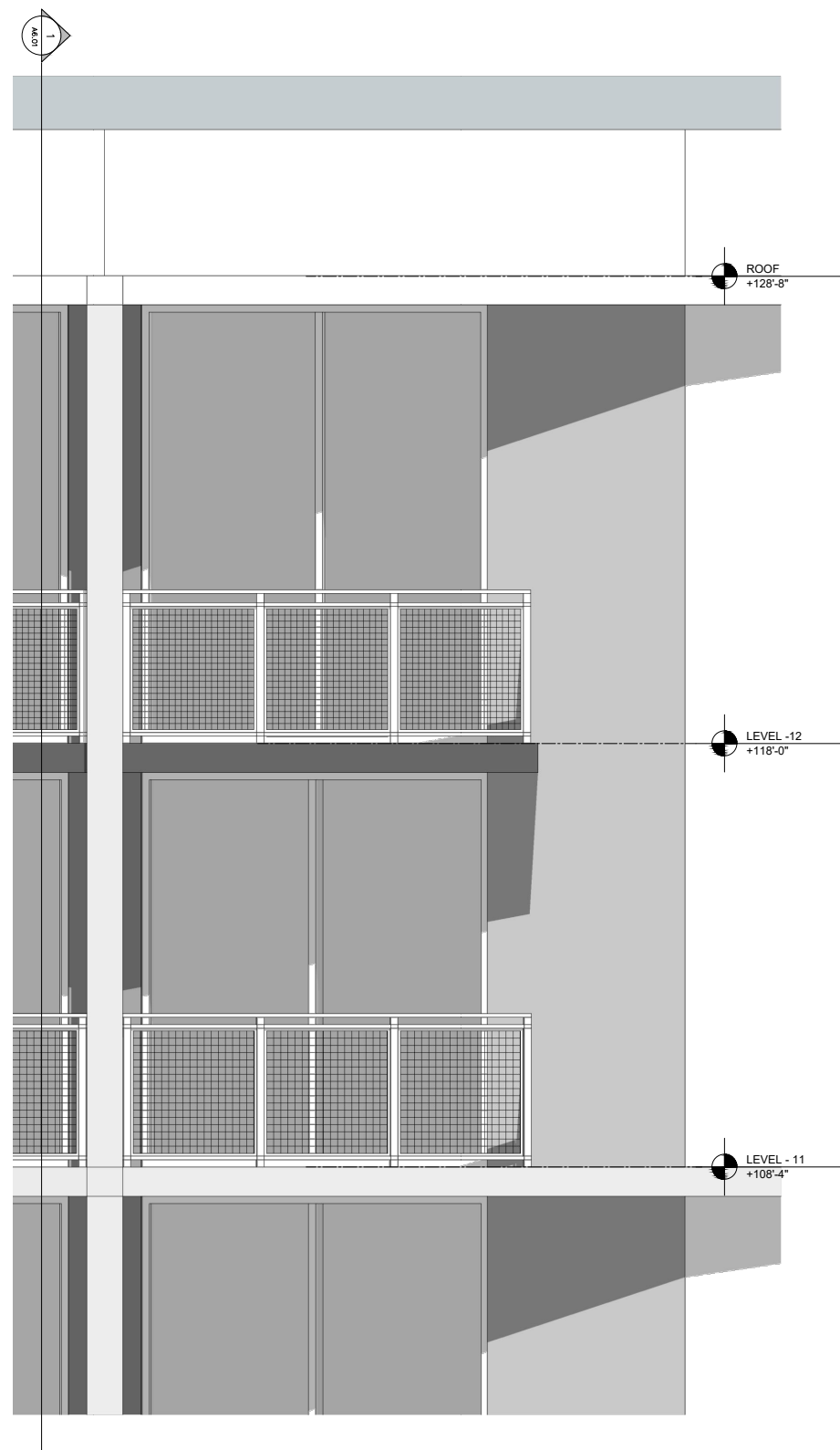
NINE HOLLYWOOD
 320 South Federal Highway, Hollywood, FL
 January 22, 2019



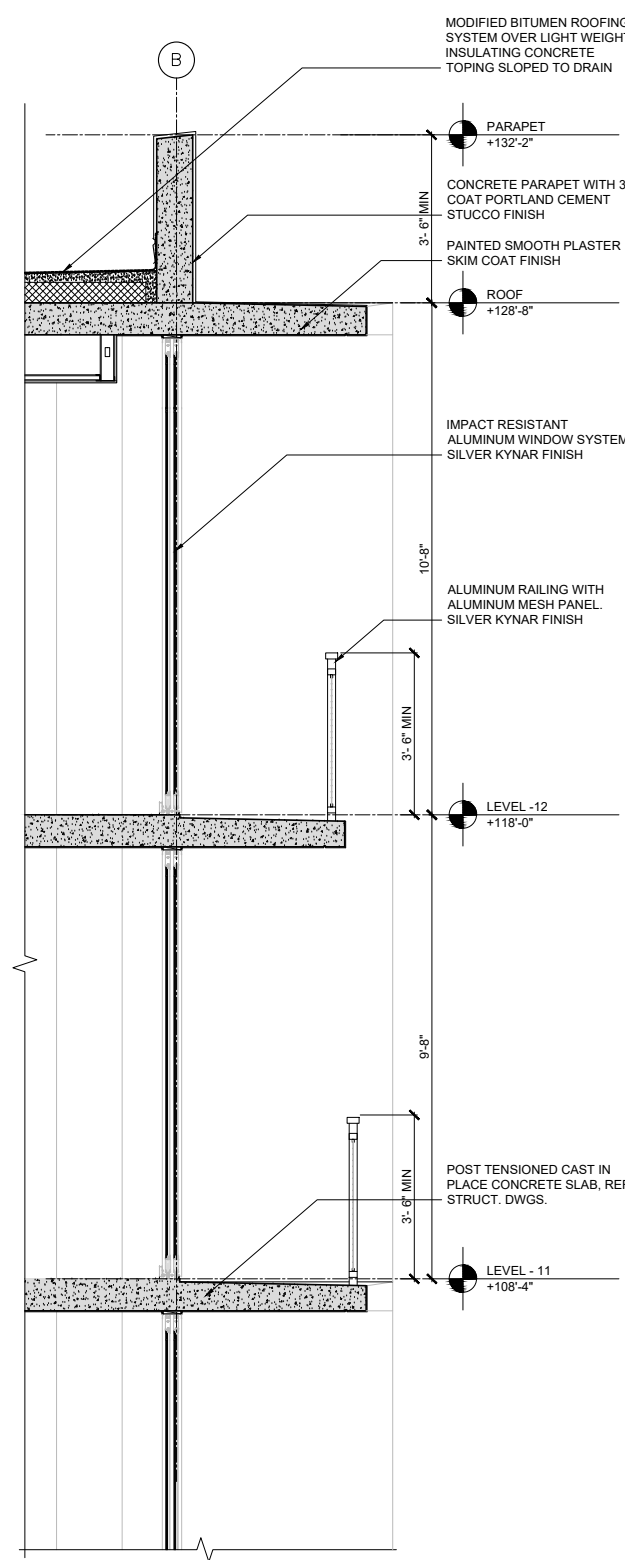
Elevation Detail - 4



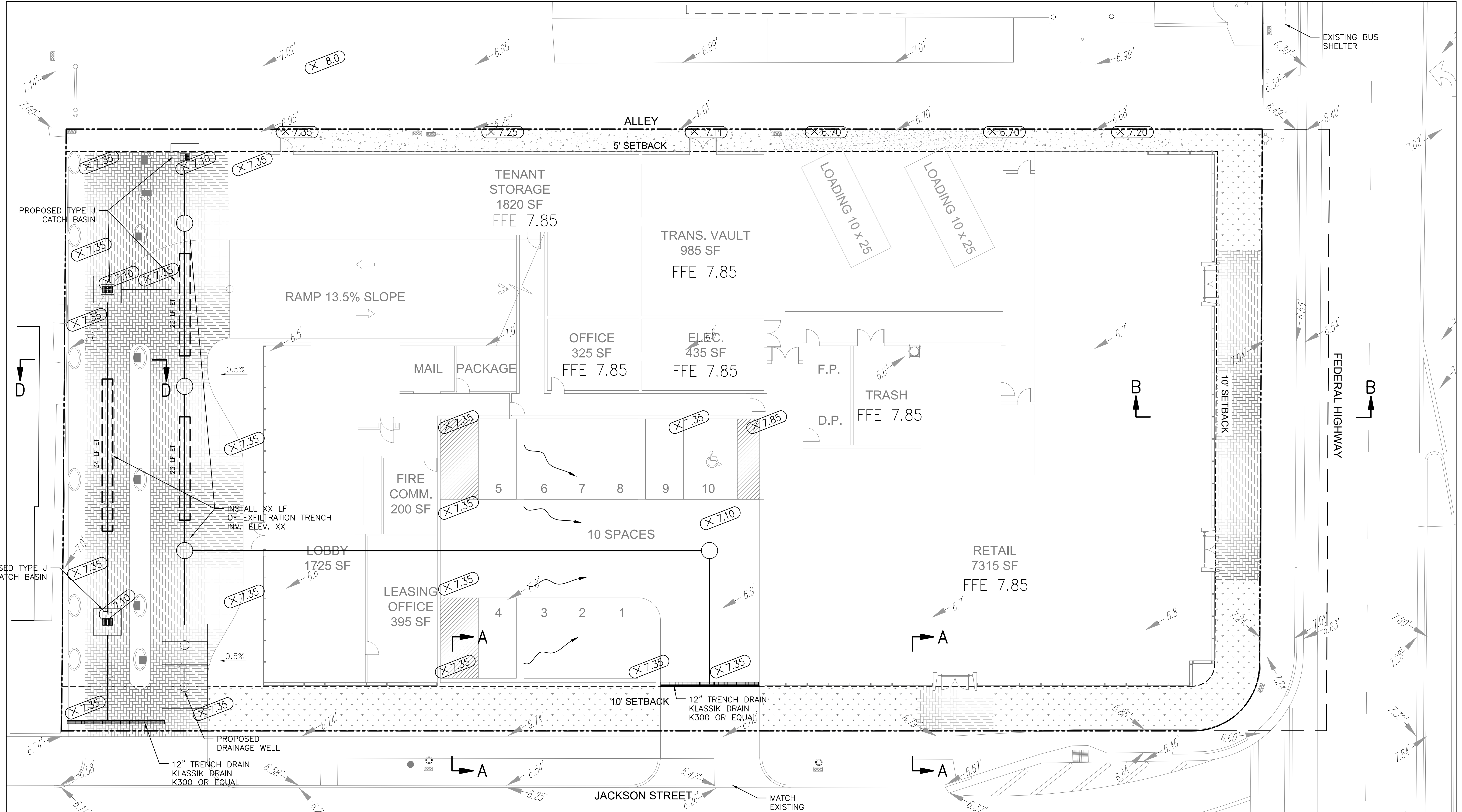
Wall Section - 3

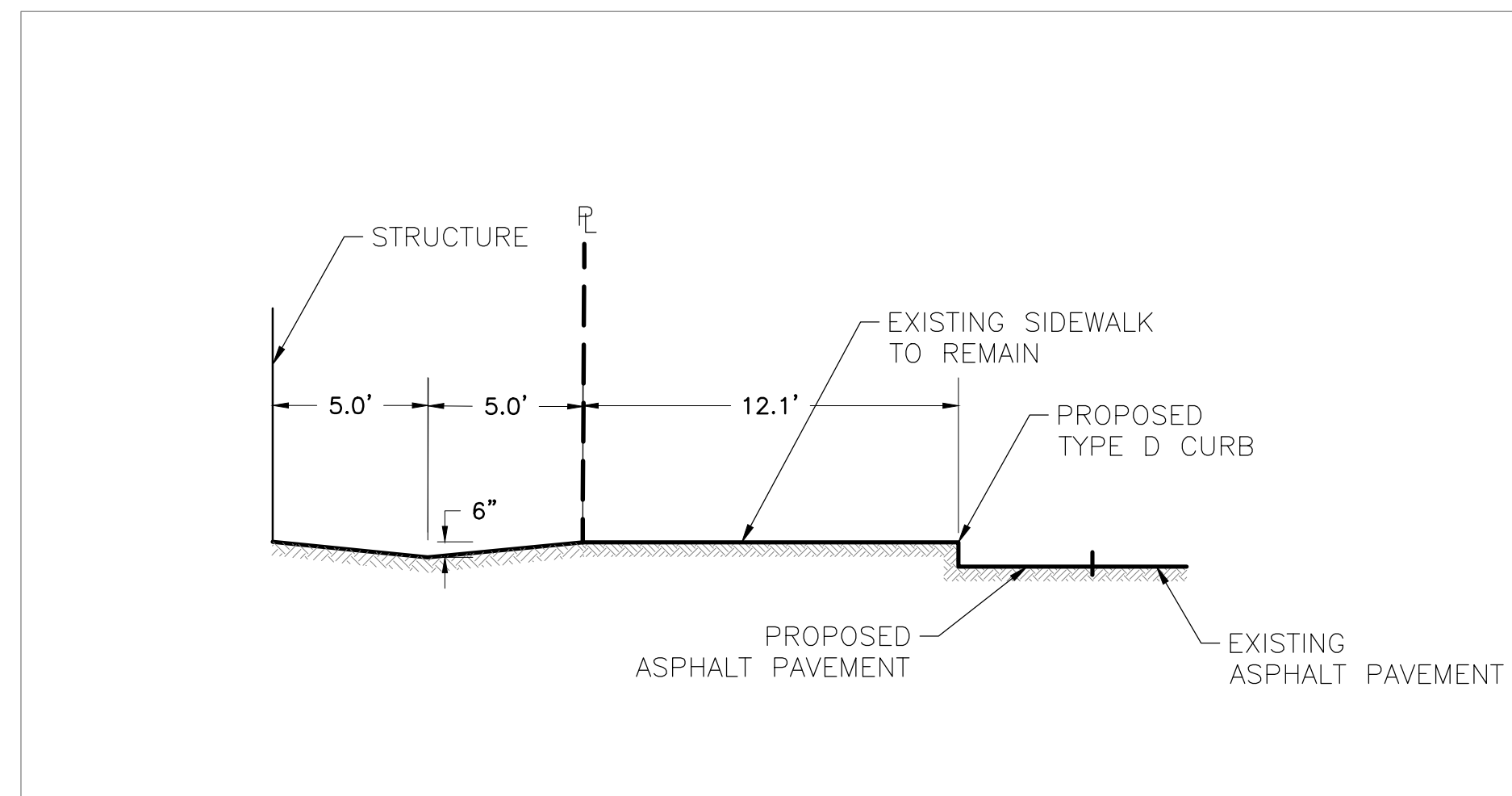


Elevation Detail - 2

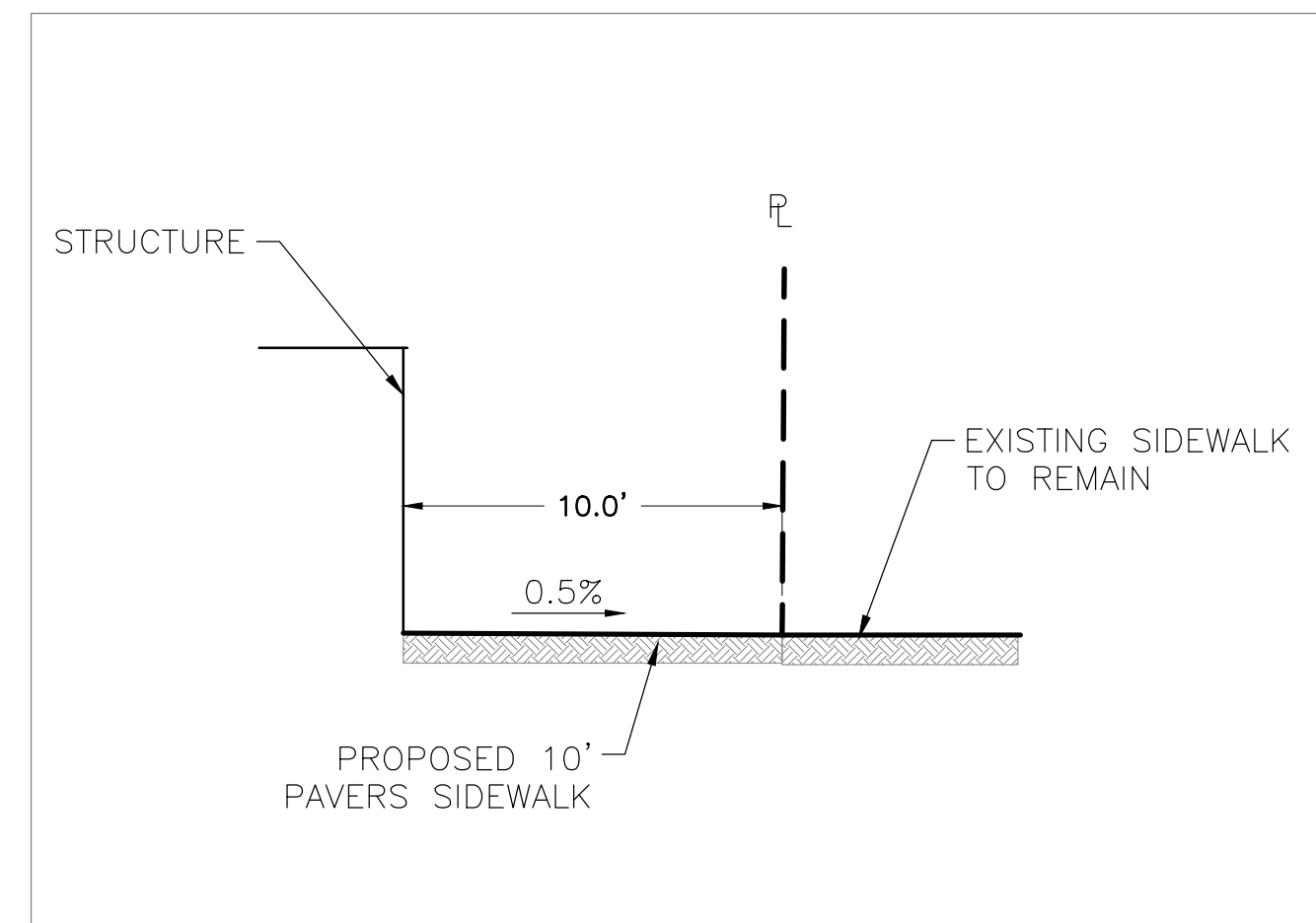


Wall Section - 1

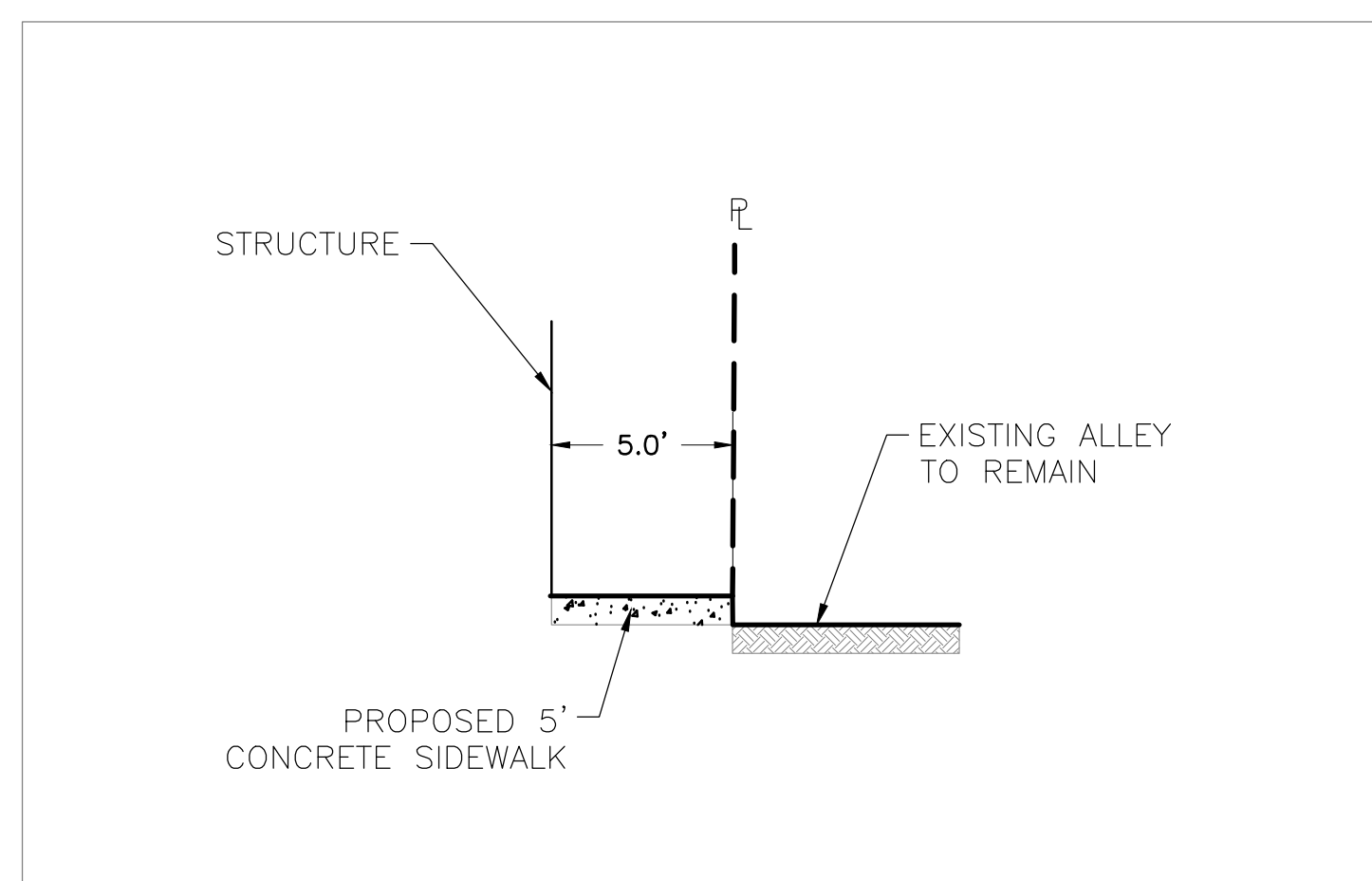




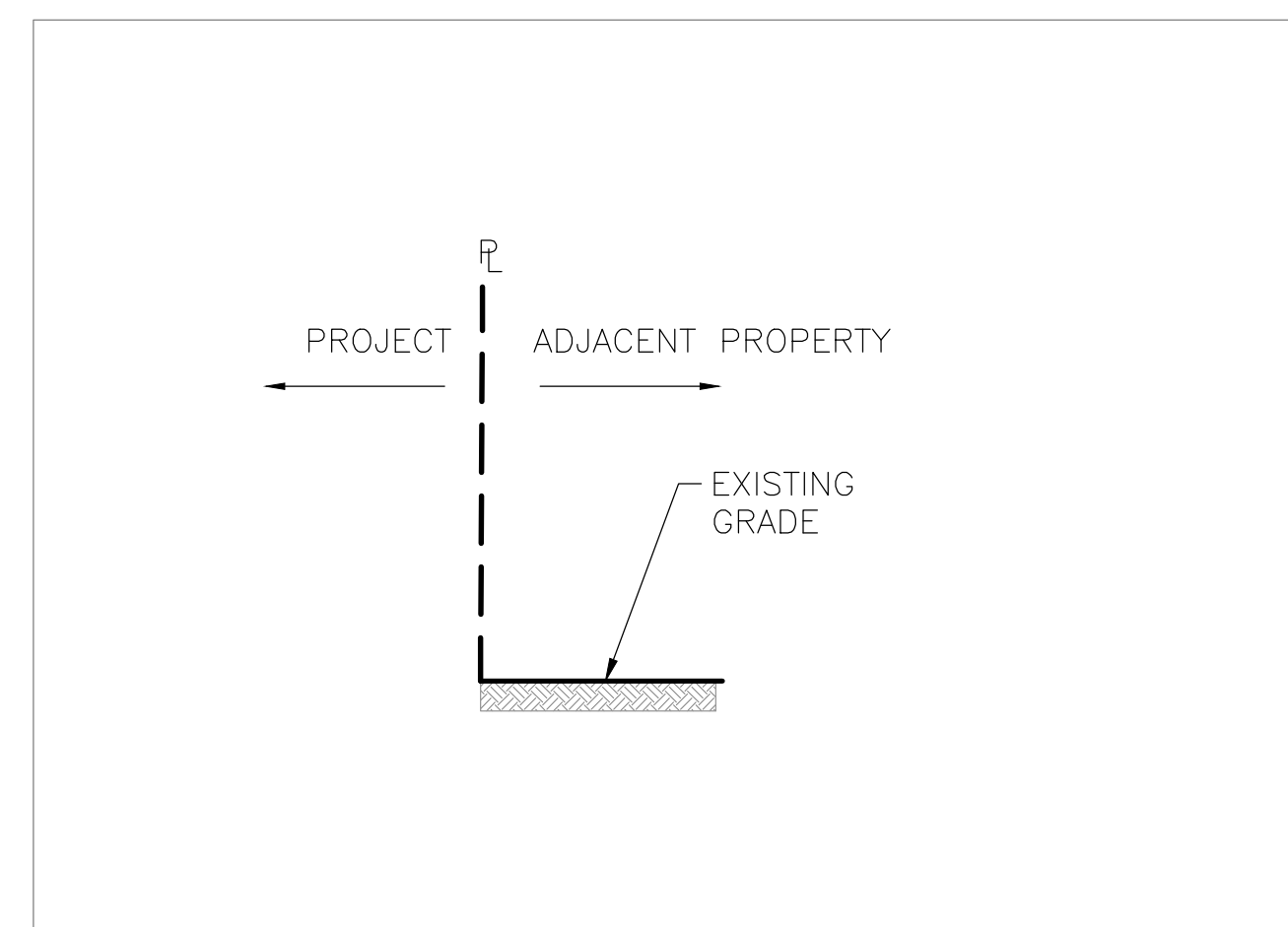
**SECTION
A-A**
SCALE: 1"=5'



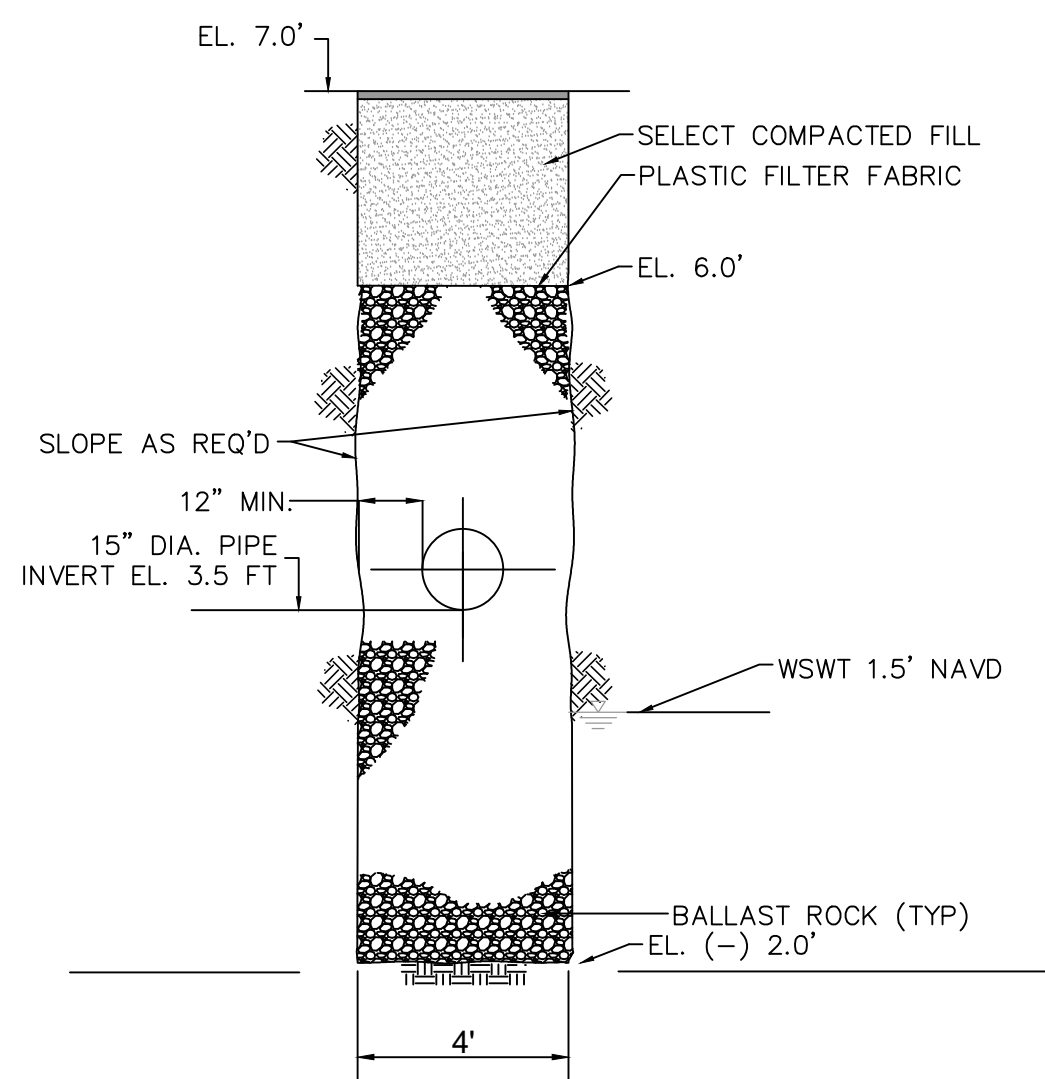
**SECTION
B-B**
SCALE: 1"=5'



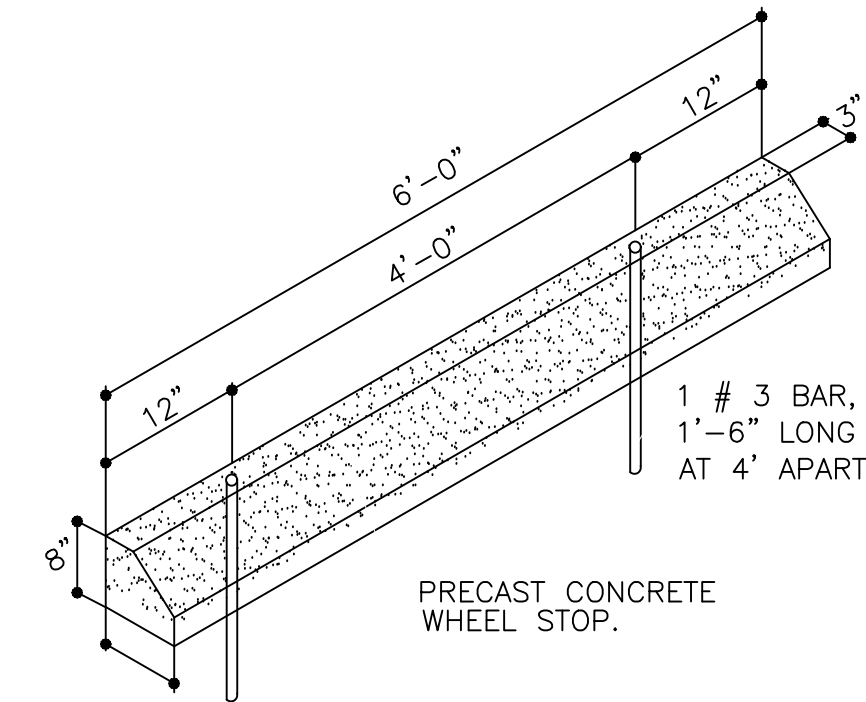
**SECTION
C-C**
SCALE: 1"=5'



**SECTION
D-D**
SCALE: 1"=5'

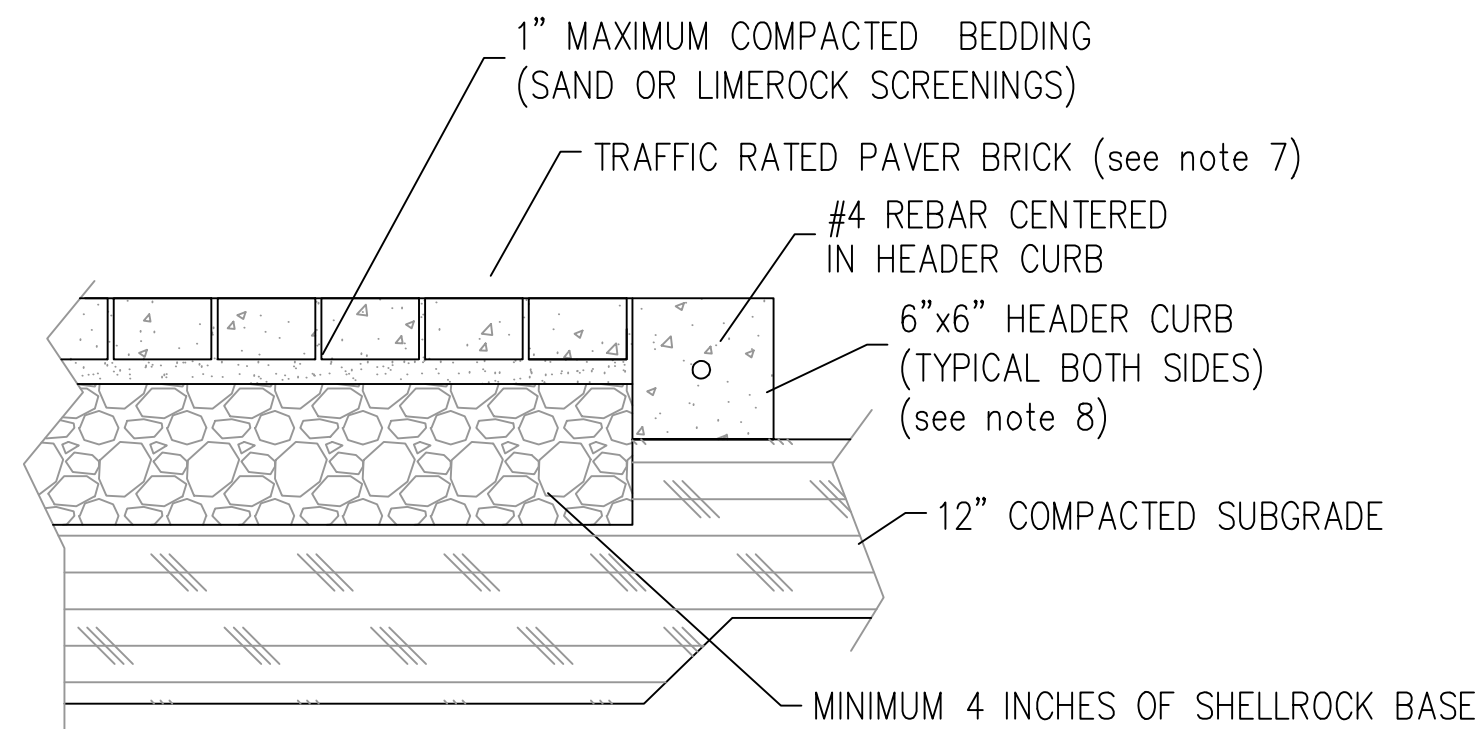


EXFILTRATION TRENCH
DETAIL 1
NTS STD

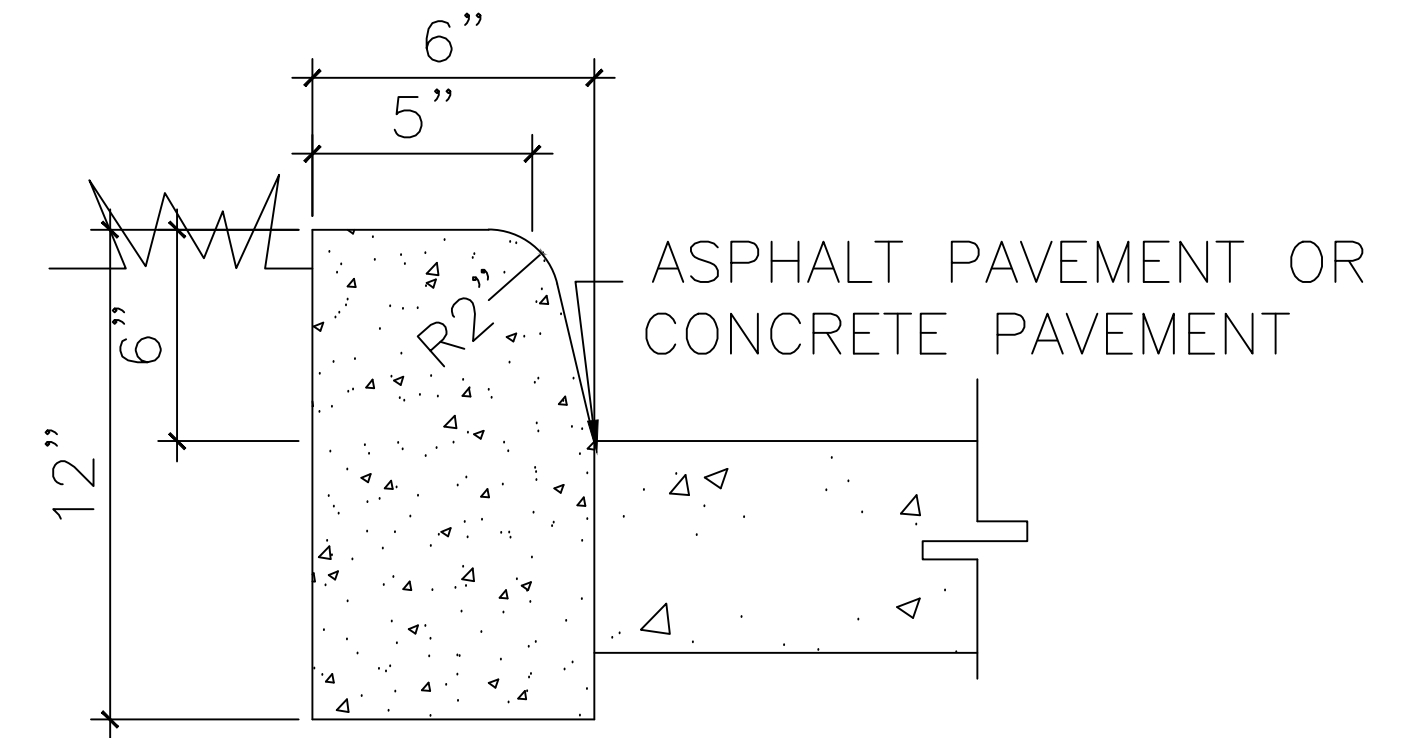


WHEEL STOPS SHALL BE APPROXIMATELY 6" X 8" X 6'-0" LONG, REINFORCED PRECAST CONCRETE, ANCHORED WITH AT LEAST TWO 5/8" DIAMETER REINFORCING BARS DRIVEN 18" INTO THE GROUND AS INDICATED. PROVIDE ONE WHEEL STOP FOR EACH PARKING STALL. UNITS AS MADE BY DENMARK CAST STONE CO., PRECAST CORP., OR ACCEPTED EQUIVALENT.

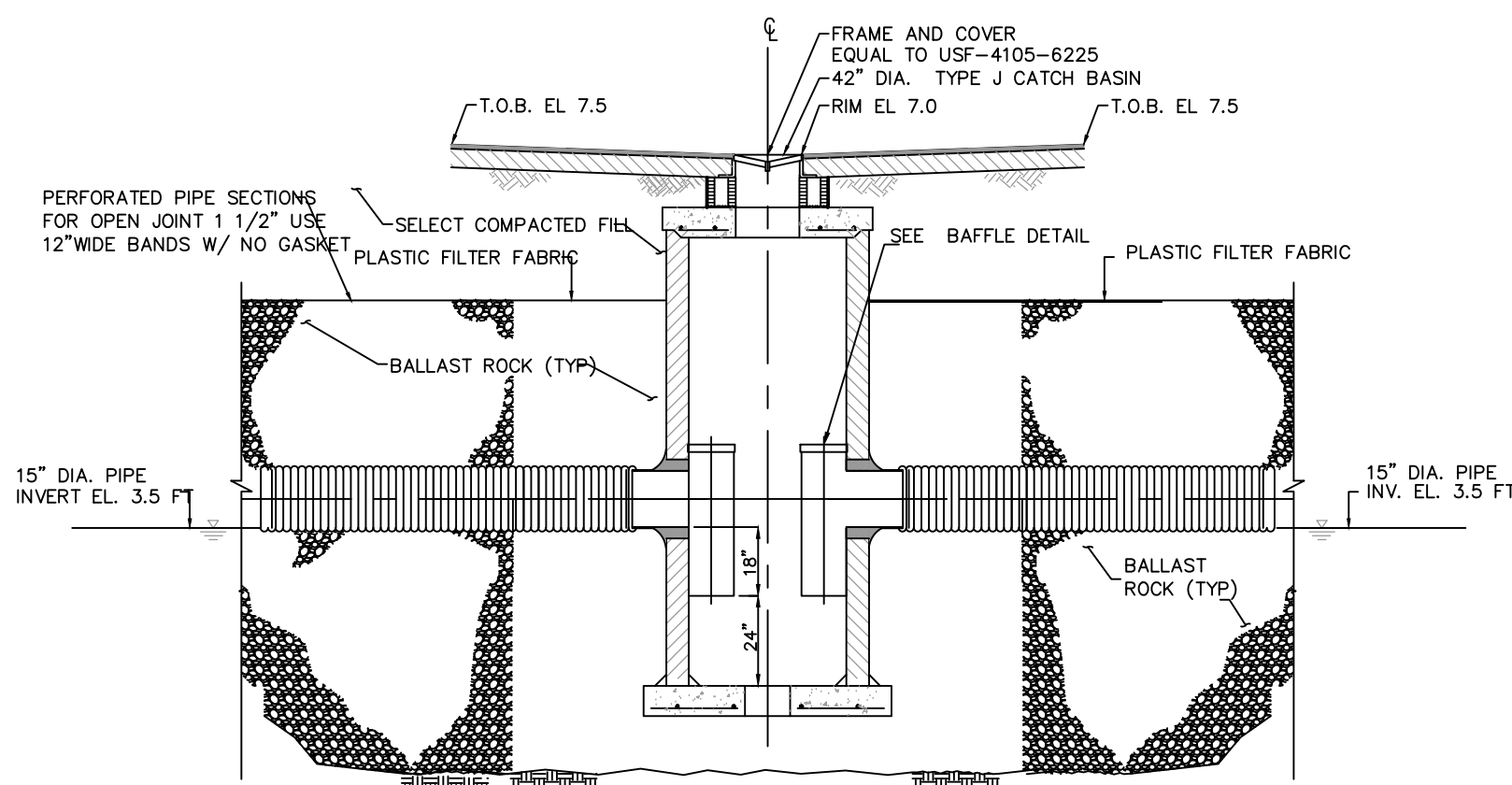
PRECAST CONC. WHEELSTOP
TYPICAL DETAIL
scale: not to scale



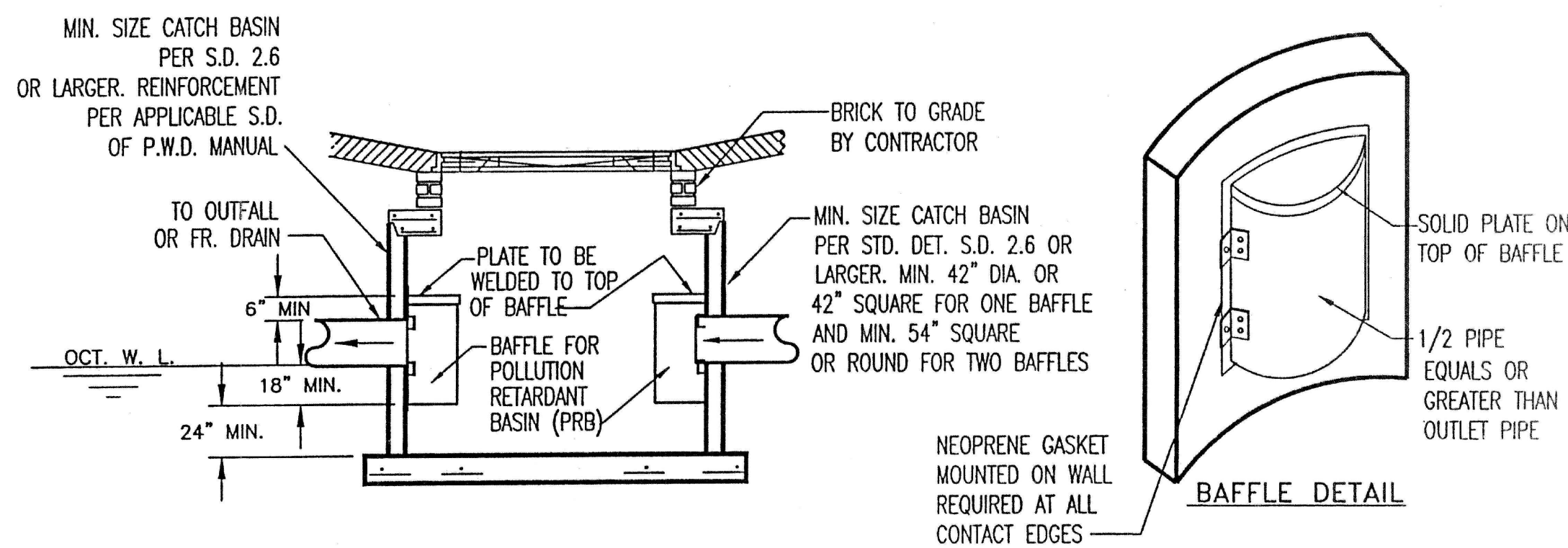
PAVER BRICK DRIVEWAY/SIDEWALK
TYPICAL DETAIL
scale: not to scale



TYPICAL CONCRETE CURB DETAIL.
scale: not to scale



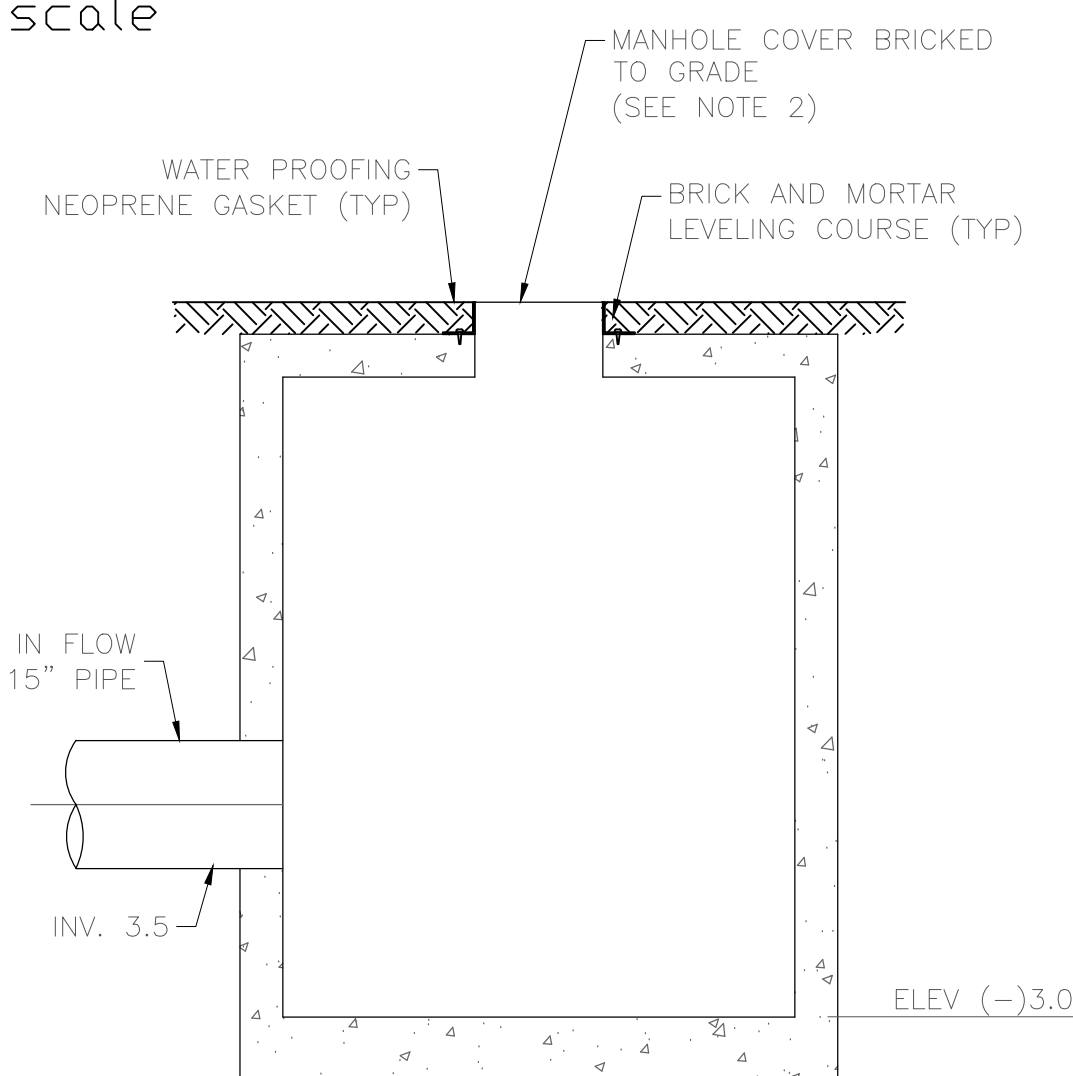
EXFILTRATION TRENCH
DETAIL 2
NTS STD



TYPICAL CATCH BASIN

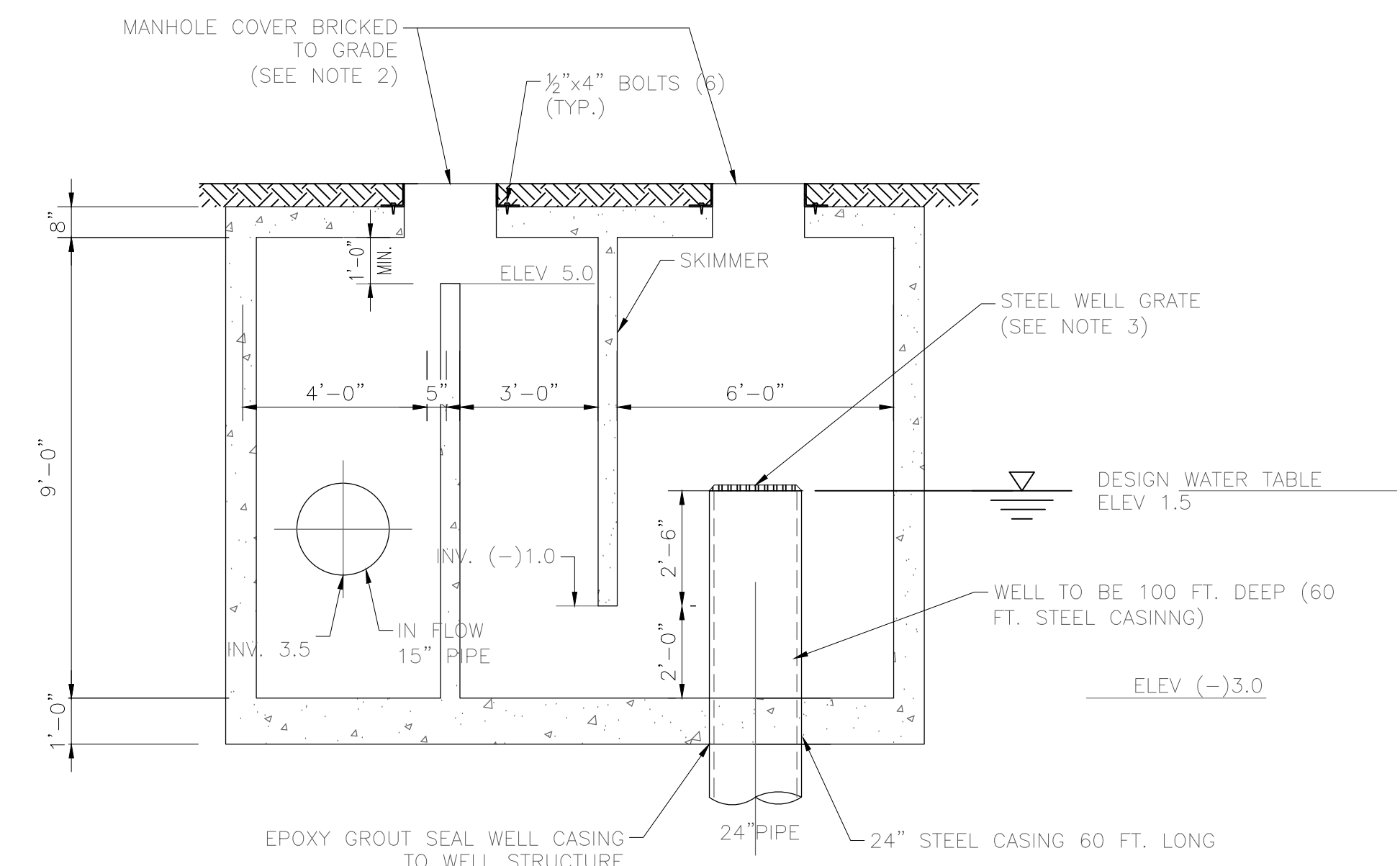
ALTERNATE "B"

BAFFLE DETAIL
DETAIL 3
NTS STD



SECTION B-B
N.T.S.

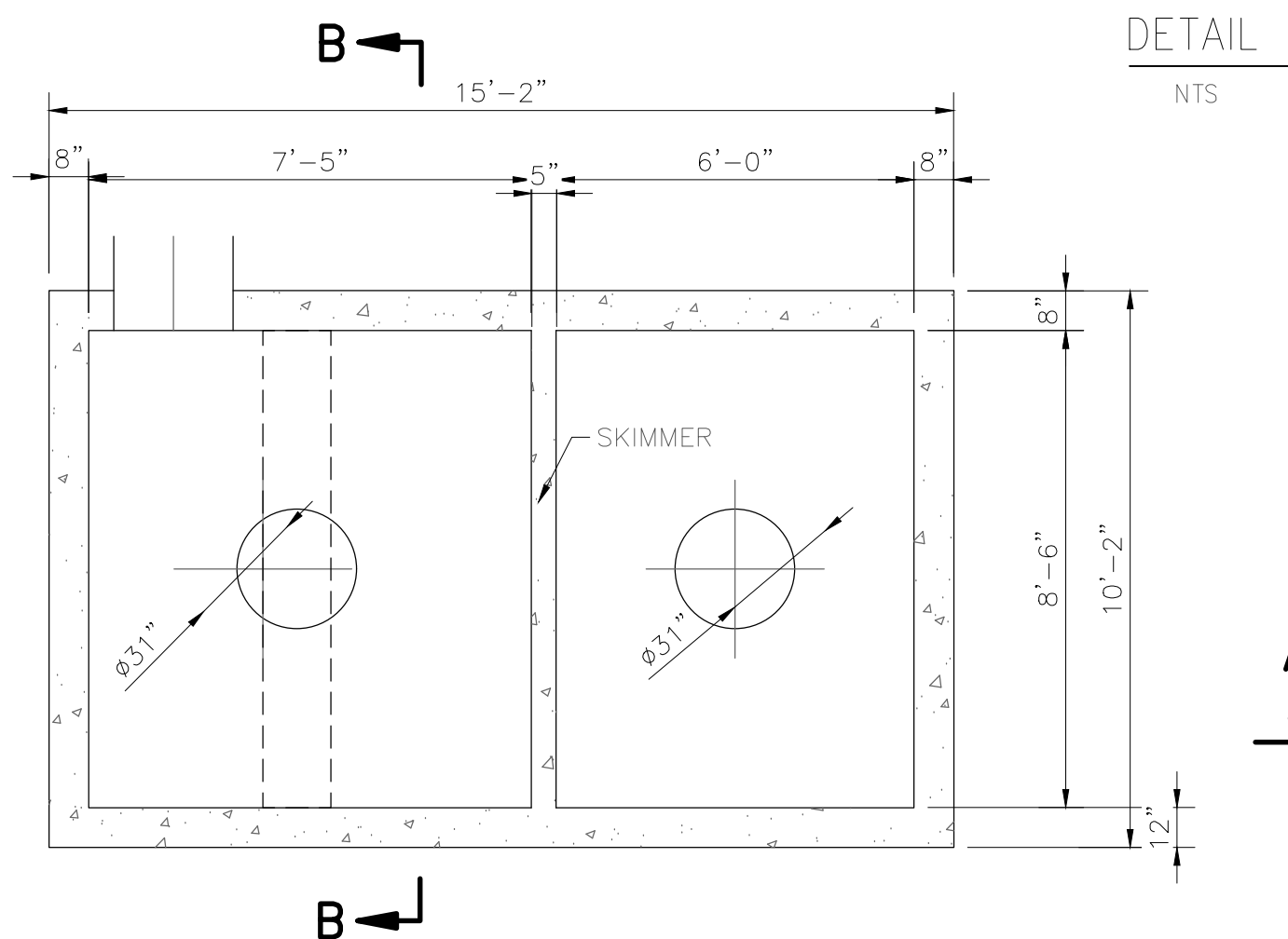
FRAME AND COVER TO BE U.S. FOUNDRY MODEL N° 195-EBWTL BOLTED WATER TIGHT MANHOLE RING AND COVERS OR EQUAL W THE WORDS "STORM SEWER" CAST ON COVER



SECTION A-A
N.T.S.

DRAINAGE WELL INJECTION BOX

DETAIL 4
NTS STD



NOTES:

1. CONTRACTOR MAY REFER TO FDOT DESIGN STANDARDS 2013 FOR MATERIALS, DIMENSIONS, AND CONSTRUCTION PROCEDURES THAT ARE NOT SHOWN HERE. WHERE THERE IS A CONFLICT BETWEEN THE FDOT DESIGN STANDARDS AND THIS DRAWING, THIS DRAWING SHALL SUPERCEDE.
2. 31" DIA. MANHOLE COVERS SHALL BE U.S. FOUNDRY MODEL 119-BM-BWT BOLTED WATERTIGHT OR EQUAL WITH LETTERING "STORM SEWER" CAST ON COVER.
3. WELL GRATE SHALL BE USF GRATE No. 5698 OR APPROVED EQUAL. WELL COVER SHALL HAVE OPENINGS OF MAXIMUM 1.5-IN O.C., AND BE SECURED AND TAMPERPROOF, BUT REMOVABLE IN THE EVENT OF WELL MAINTENANCE.
4. WELL CASING SHALL BE 24" DIA. STEEL PIPE WITH A MIN. WALL THICKNESS OF 3/8" CONFORMING TO ASTM A53, A120.
5. WELL CASING SHALL EXTEND TO DEPTH OF 110' BELOW GROUND SURFACE OR TO A DEPTH WHERE THE GROUNDWATER T.D.S. IS GREATER THAN 10,000 P.P.M., WHICHEVER IS DEEPER.
6. OPEN HOLE SHALL EXTEND TO A DEPTH SUCH THAT THE DESIGN DISCHARGE RATE OF 250 G.P.M./FT HEAD IS ACHIEVED. CONTRACTOR SHALL PERFORM A STEP DRAW DOWN TEST OR INJECTION TEST TO DEMONSTRATE CAPACITY.
7. COMPLETED WELL SHALL BE THOROUGHLY AGITATED AND DEVELOPED. IF USED FOR DEWATERING DURING CONSTRUCTION, WELL SHALL BE REDEVELOPED PRIOR TO BEING PLACED INTO SERVICE.
8. ALL NECESSARY PERMITS FROM F.D.E.P. SHALL BE OBTAINED PRIOR TO CONSTRUCTION.

GENERAL EROSION & SEDIMENTATION CONTROL NOTES

- A.CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THIS STORM WATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- B. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- C.SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- D.CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN, OR AS REQUIRED BY THE APPLICABLE GENERAL PERMIT. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND / OR GRADING SHALL BE PERMITTED.
- E. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA , AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. CONTRACTOR SHALL CONSTRUCT TEMPORARY BERM ON DOWNSTREAM SIDES.
- F. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING , EQUIPMENT CLEANING , ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- G.SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- H. DUST ON THE SITE SHALL BE MINIMIZED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- I.RUBBISH , TRASH , GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGHOUT THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- J. ALL DENUDED / BARE AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE , MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY , WITH THE USE OF FAST-GERMINATING ANNUAL GRASS / GRAIN VARIETIES, STRAW / HAY MULCH WOOD CELLULOSE FIBERS , TACKIFIERS, NETTING OR BLANKETS.
- K. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEEDED. SODDED , AND / OR VEGETATED IMMEDIATELY, AND NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND / OR LANDSCAPE PLAN.
- L. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE ONLY USE INGRESS / EGRESS LOCATIONS AS PROVIDED
- M.ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- N.CONTRACTOR OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- O.ON-SITE AND OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- P. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- Q.DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT , THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE.
- R.GENERAL CONTRACTOR IS TO DESIGNATE / IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- S. WHEN INSTALLATION OF SILT FENCE IS PERFORMED, THE CONTRACTOR SHALL STABILIZE THE DISTURBED AREA ALONG THE DOWNWARD SLOPE BY SEEDING OR MULCHING AS CONDITIONS WARRANT.

BMP MAINTENANCE EROSION NOTES

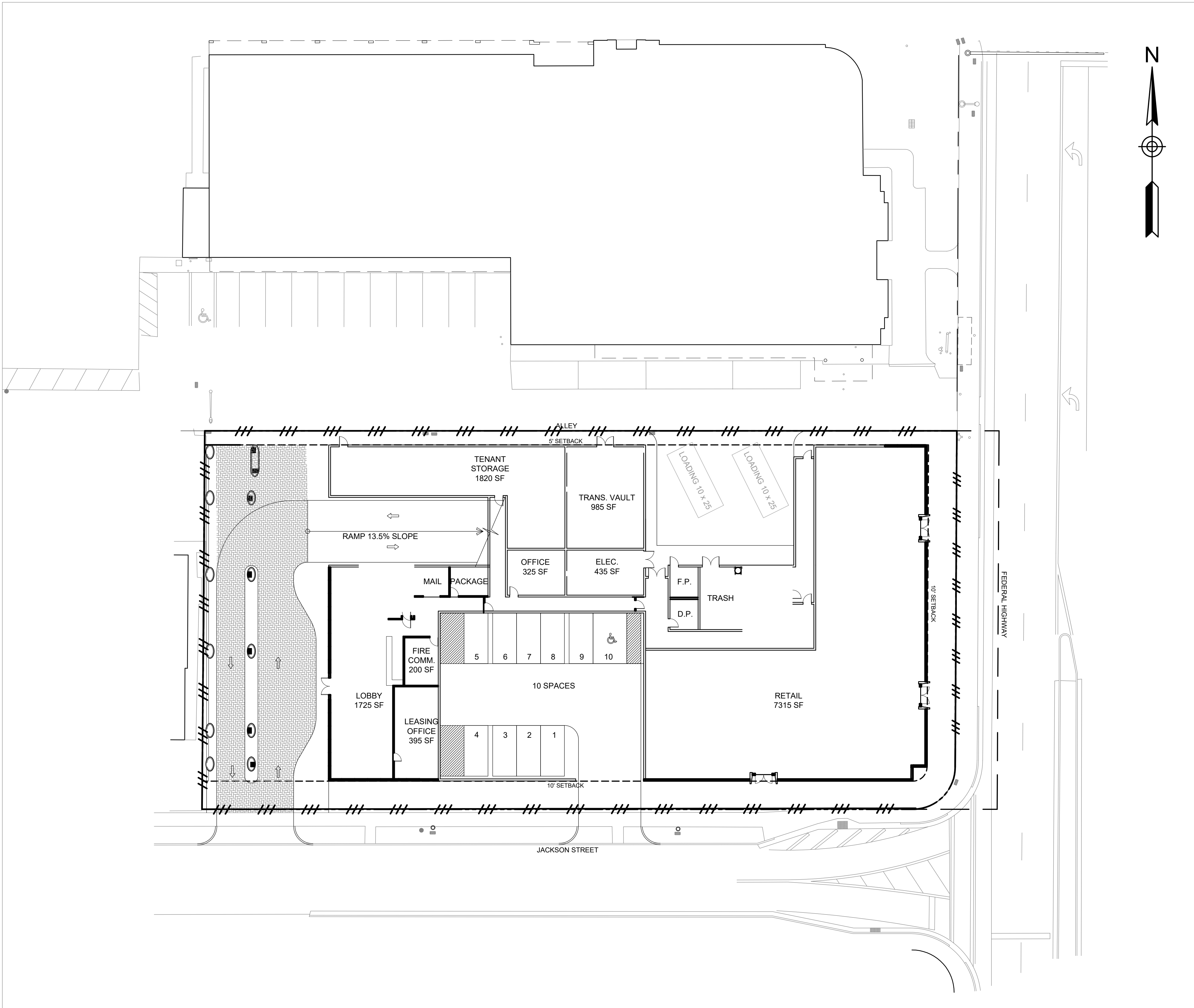
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED \ SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED \ RESODDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
7. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. AND DEBRIS AND I OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

WASHING AREAS

VEHICLES SUCH AS CEMENT OR DUMP TRUCKS AND OTHER CONSTRUCTION EQUIPMENT SHOULD NOT BE WASHED AT LOCATIONS WHERE THE RUNOFF WILL FLOW DIRECTLY INTO A WATERCOURSE OR STORM WATER CONVEYANCE SYSTEM. SPECIAL AREAS SHOULD BE DESIGNATED FOR WASHING VEHICLES. THESE AREAS SHOULD BE LOCATED WHERE THE WASH WATER WILL SPREAD OUT AND EVAPORATE OR INFILTRATE DIRECTLY INTO THE GROUND, OR WHERE RUNOFF CAN BE COLLECTED IN A TEMPORARY HOLDING OR SEEPAGE BASIN. WASH AREAS SHOULD HAVE GRAVEL BASES TO MINIMIZE MUD GENERATION.

SYMBOLS LEGEND

- PROPERTY LINE/LIMITS OF DISTURBANCE
- /// PROPOSED SILT FENCE



aj/A

alfonsojurado/ARCHITECTURE
4304 NE 2nd AVENUE
Miami, FL 33137
305.206.6214 T

Szauer Engineering

Civil Engineers
5070 W Palmetto Park Road, No. 15399
Boca Raton, FL 33433
Phone: (561) 716-0159
Certificate of Authorization Number 30129

NINE HOLLYWOOD
320 South Federal Highway, Hollywood, FL

October 2, 2018

EROSION CONTROL NOTES
SCALE 1"=20'

C-5

GENERAL EROSION & SEDIMENTATION CONTROL NOTES

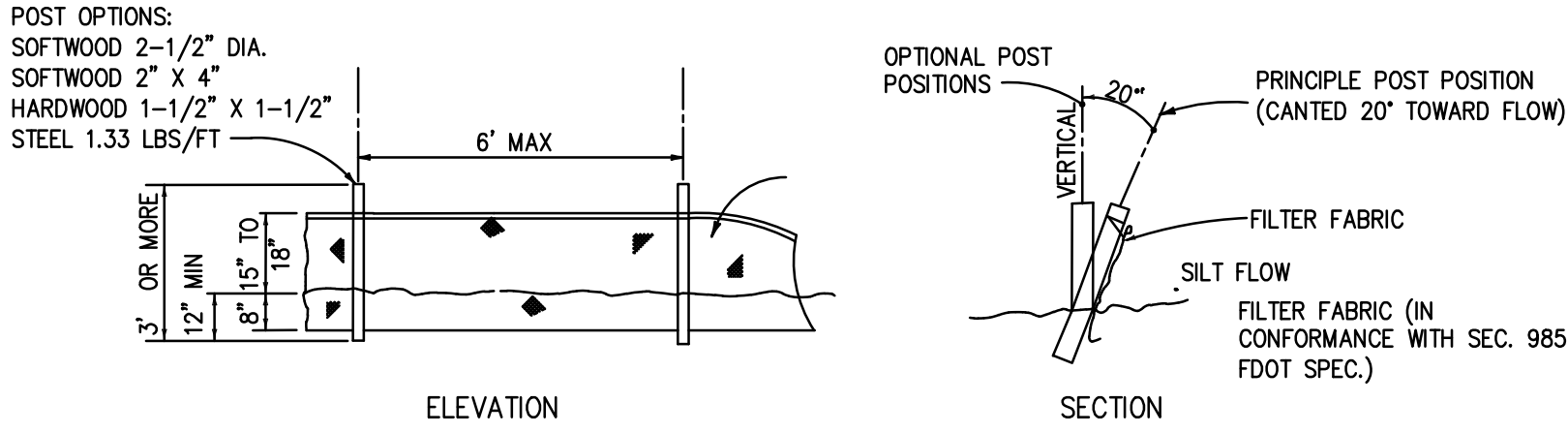
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- C. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS, PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
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- L. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE INGRESS / EGRESS LOCATIONS AS PROVIDED.
- M. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- N. CONTRACTOR OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- O. ON-SITE AND OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
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- Q. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE.
- R. GENERAL CONTRACTOR IS TO DESIGNATE / IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- S. WHEN INSTALLATION OF SILT FENCE IS PERFORMED, THE CONTRACTOR SHALL STABILIZE THE DISTURBED AREA ALONG THE DOWNWARD SLOPE BY SEEDING OR MULCHING AS CONDITIONS WARRANT.

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2. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
3. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
4. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
5. OUTLET STRUCTURES SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
6. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS, AND DEBRIS AND / OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

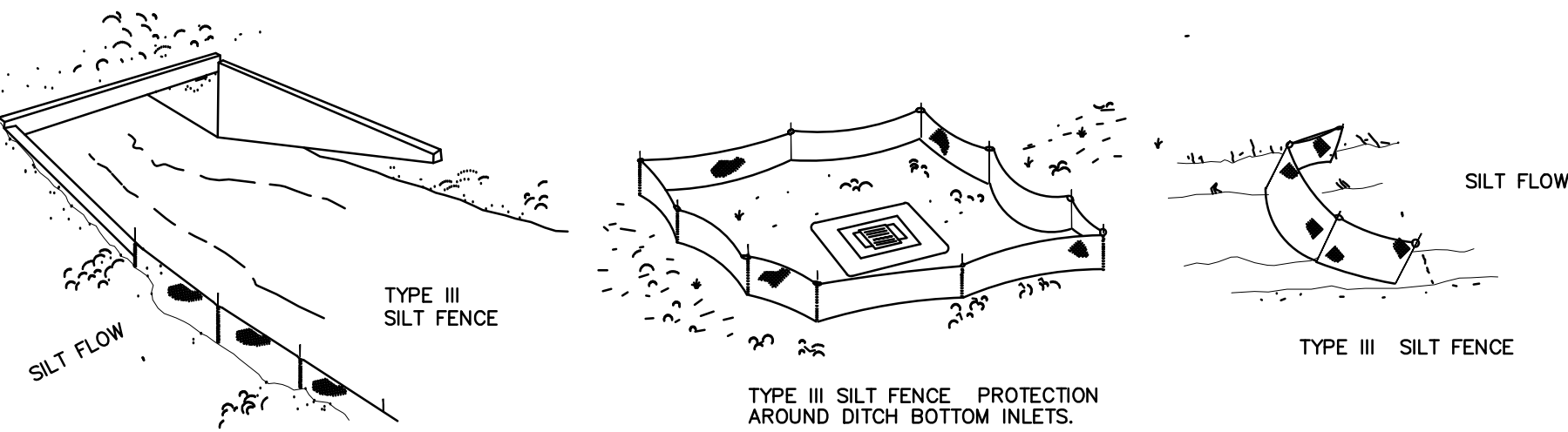
WASHING AREAS

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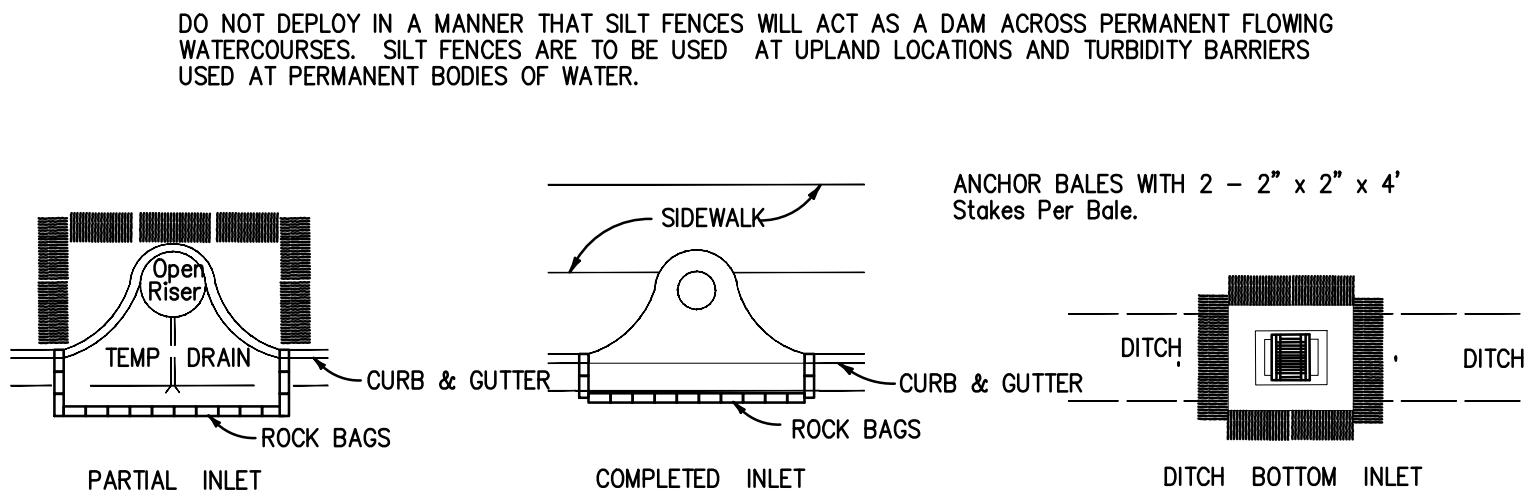


TYPE III SILT FENCE

N.T.S.

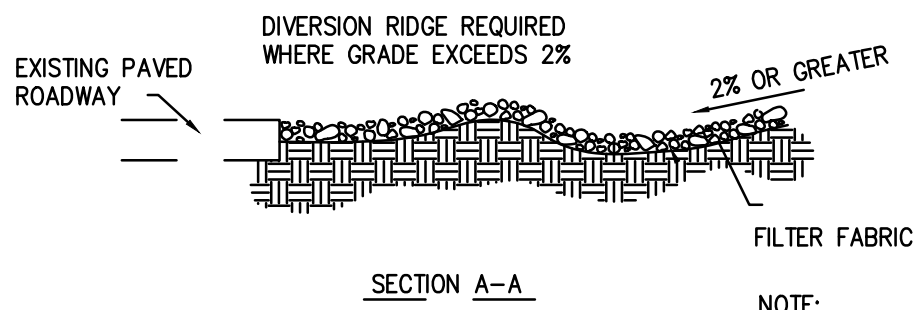


SILT FENCE DETAIL

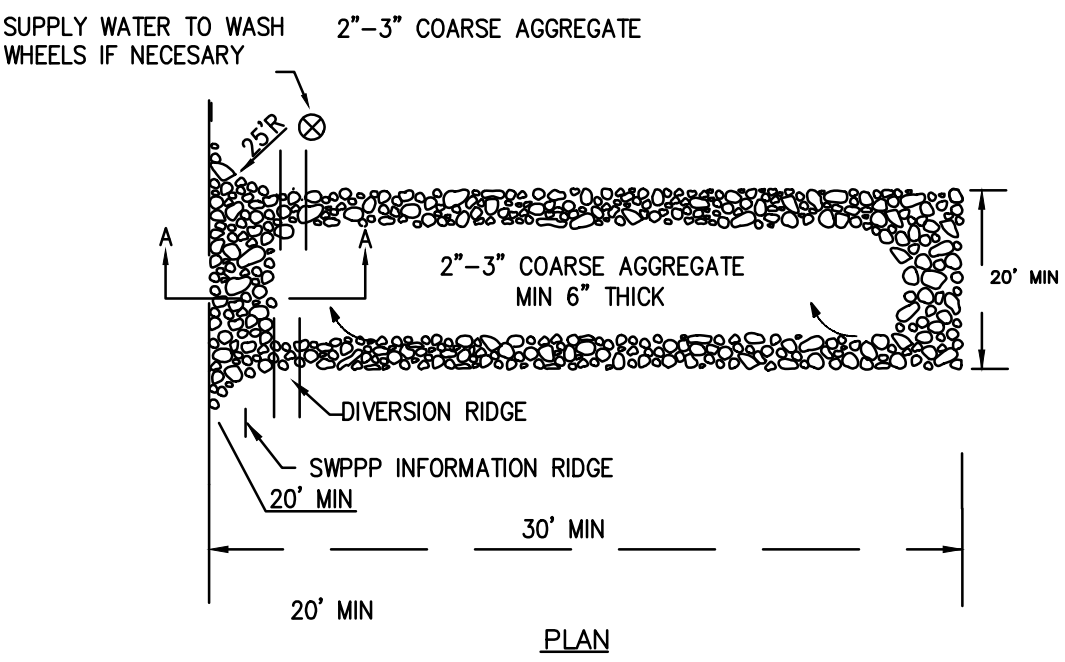


GUTTER BUDDY CURB INLET PROTECTION DETAIL

N.T.S.



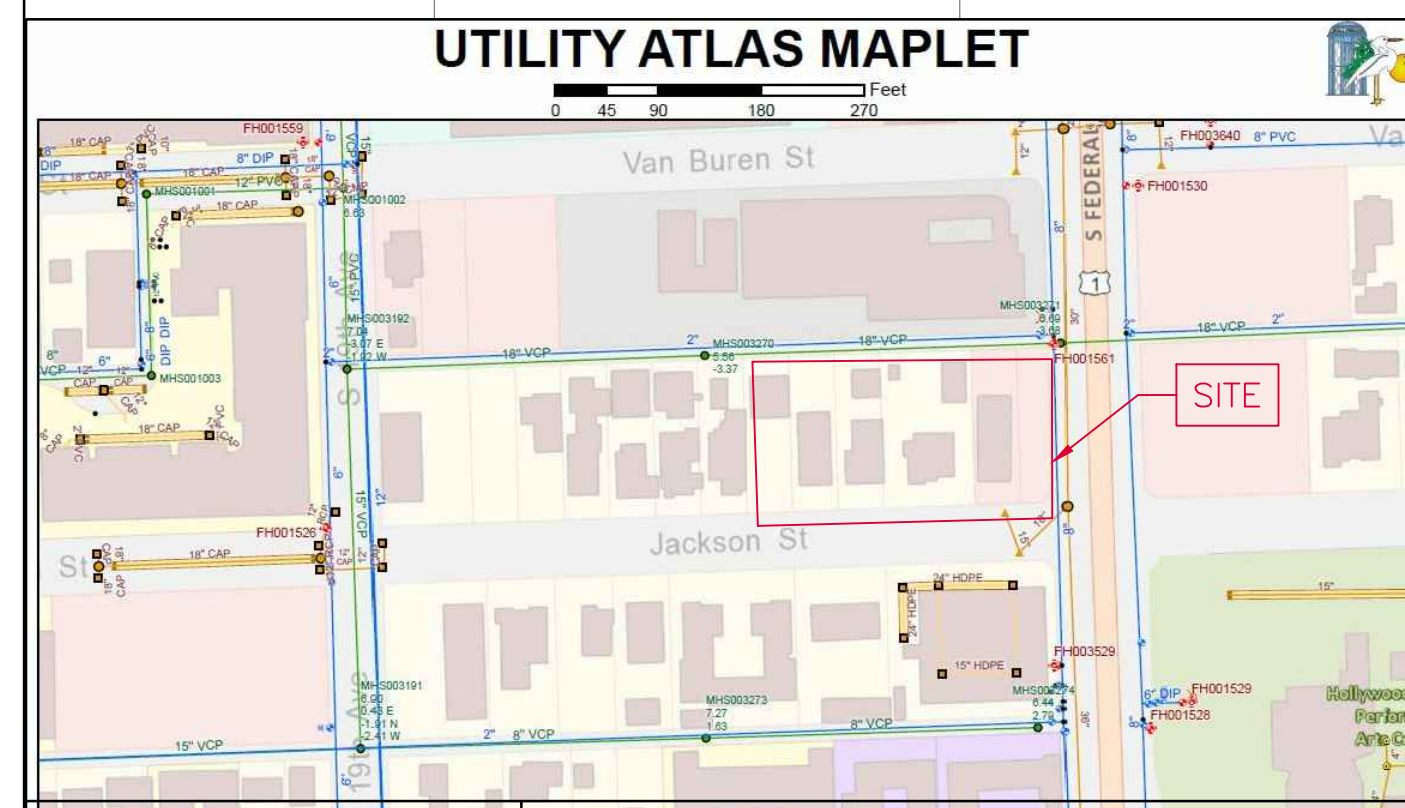
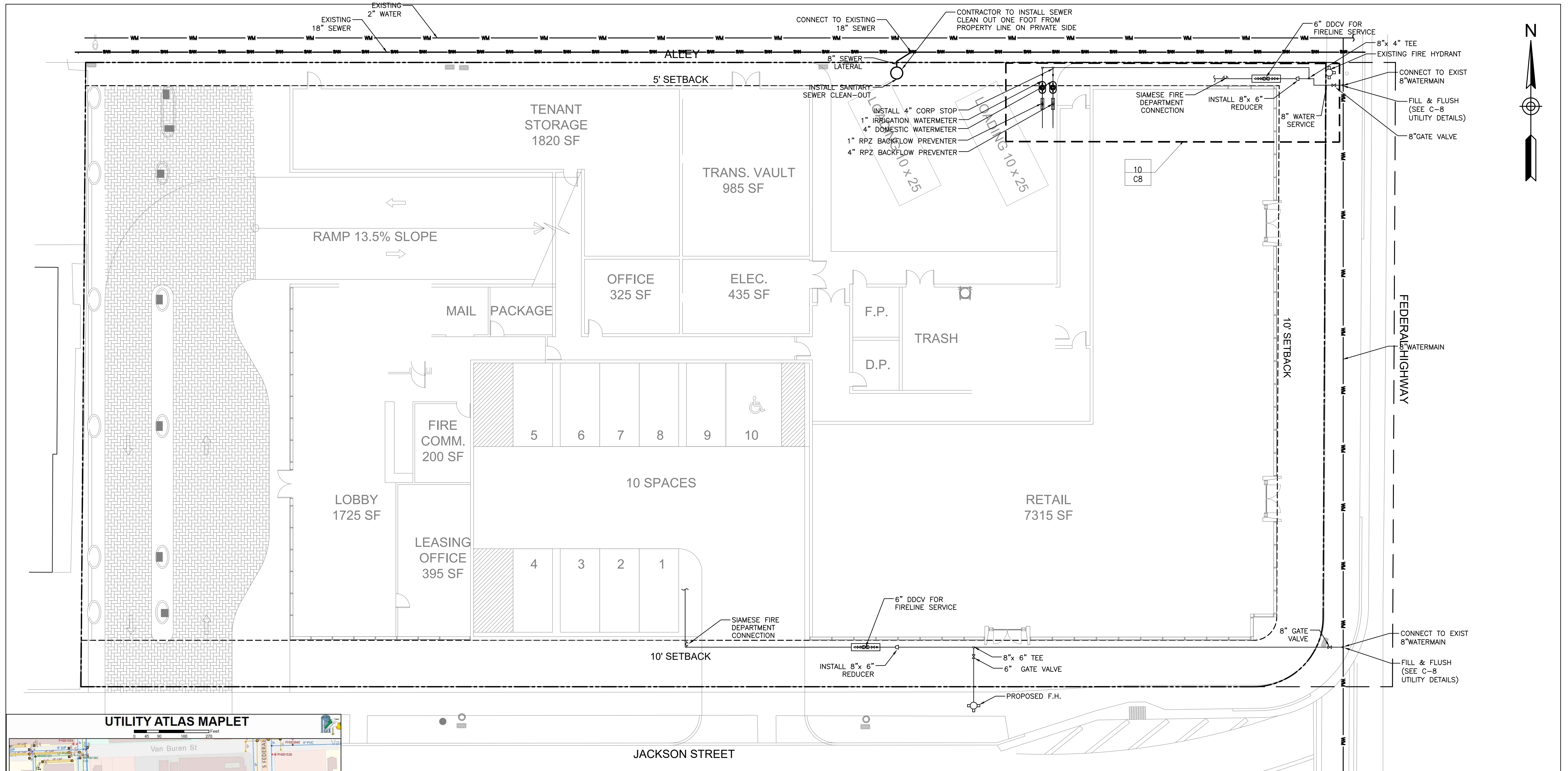
NOTE:
USE SANDBAGS, SILT FENCE OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED



- NOTE:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, THIS MAY REQUIRE TOP DRESSING REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLICS RIGHTS-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN

TEMPORARY CONSTRUCTION ENTRANCE DETAIL

N.T.S.



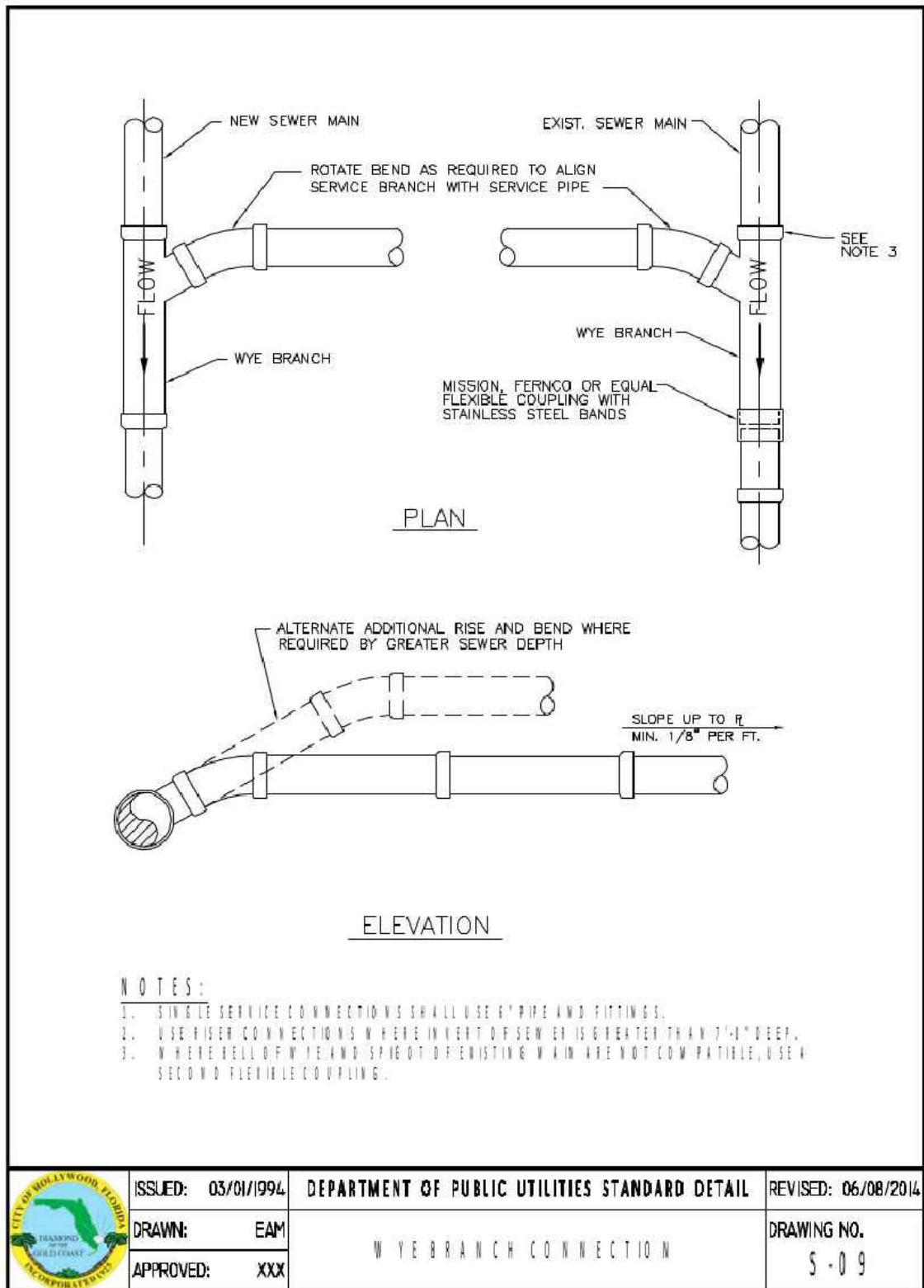
aj/A
alfonsojurado/ARCHITECTURE
4304 NE 2nd AVENUE
Miami, FL 33137
3 0 5 . 2 0 6 . 6 2 1 4 T

Szauer Engineering
Civil Engineers
5070 W Palmetto Park Road, No. 15399
Boca Raton, FL 33433
Phone: (561) 716-0159
Certificate of Authorization Number 30129

N I N E H O L L Y W O O D
320 South Federal Highway, Hollywood, FL
O c t o b e r 2 , 2 0 1 8

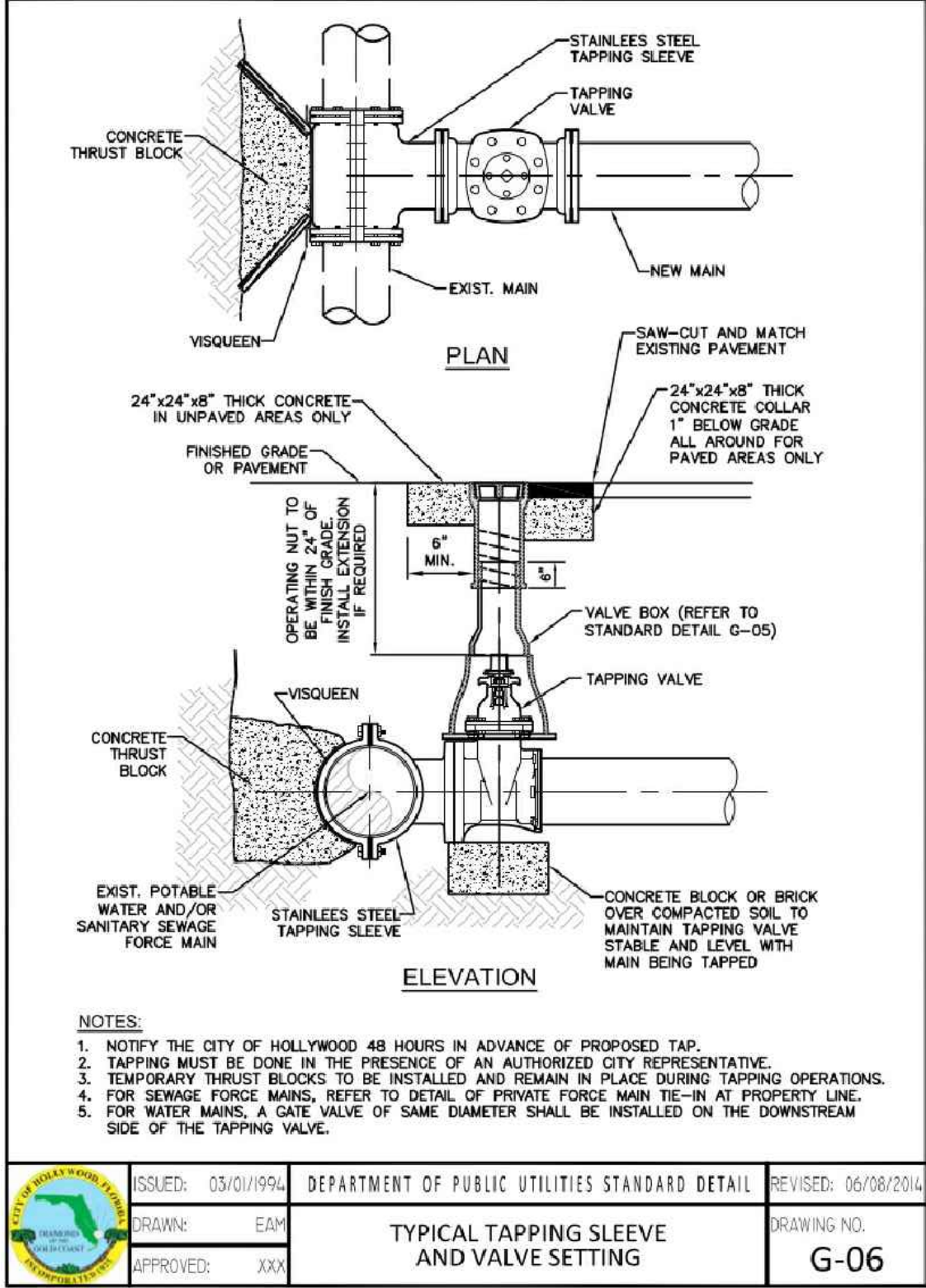
UTILITIES
SCALE 1"=10'

C-7



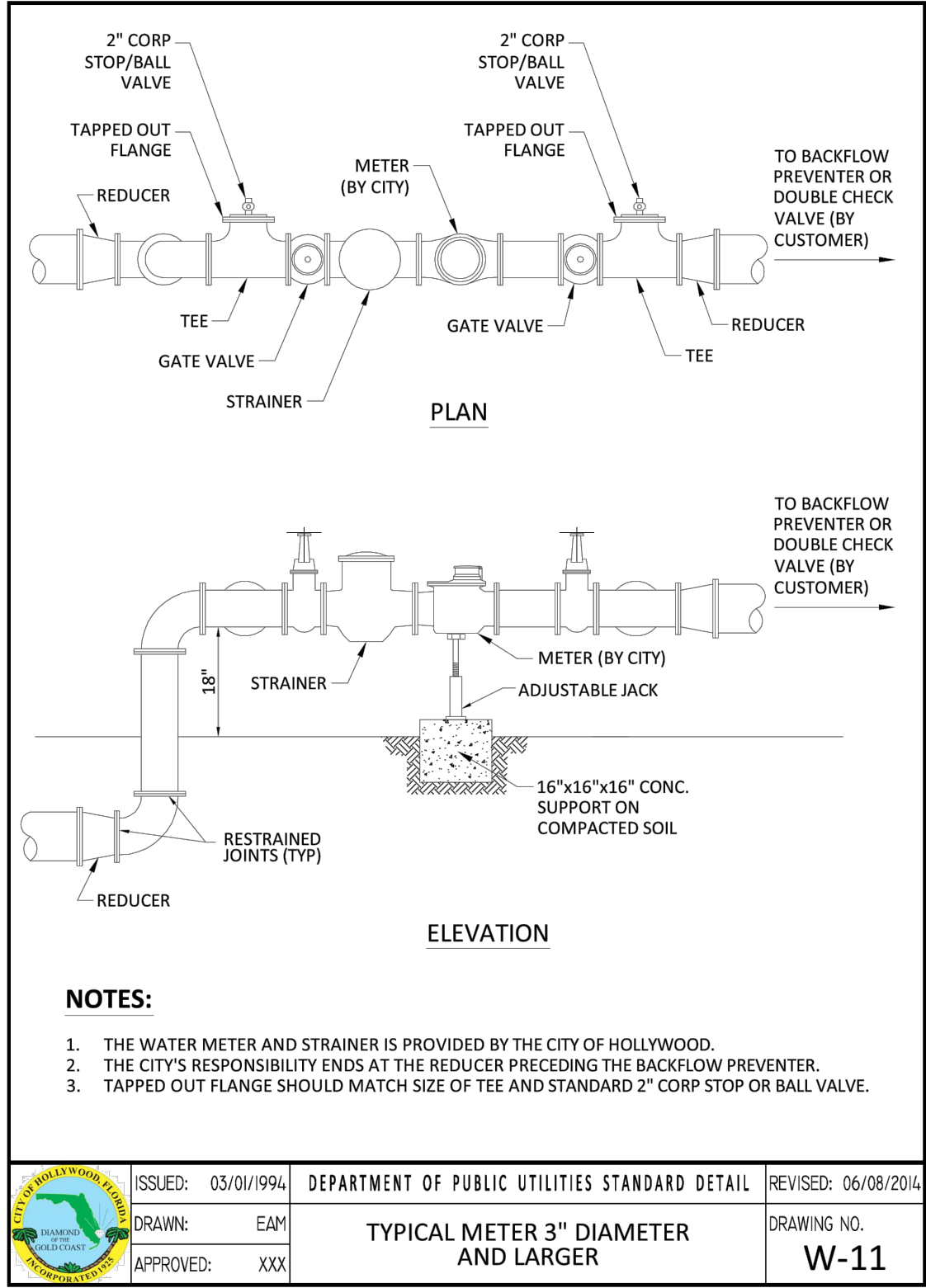
WYE BRANCH CONNECTION

NTS	1
	STD



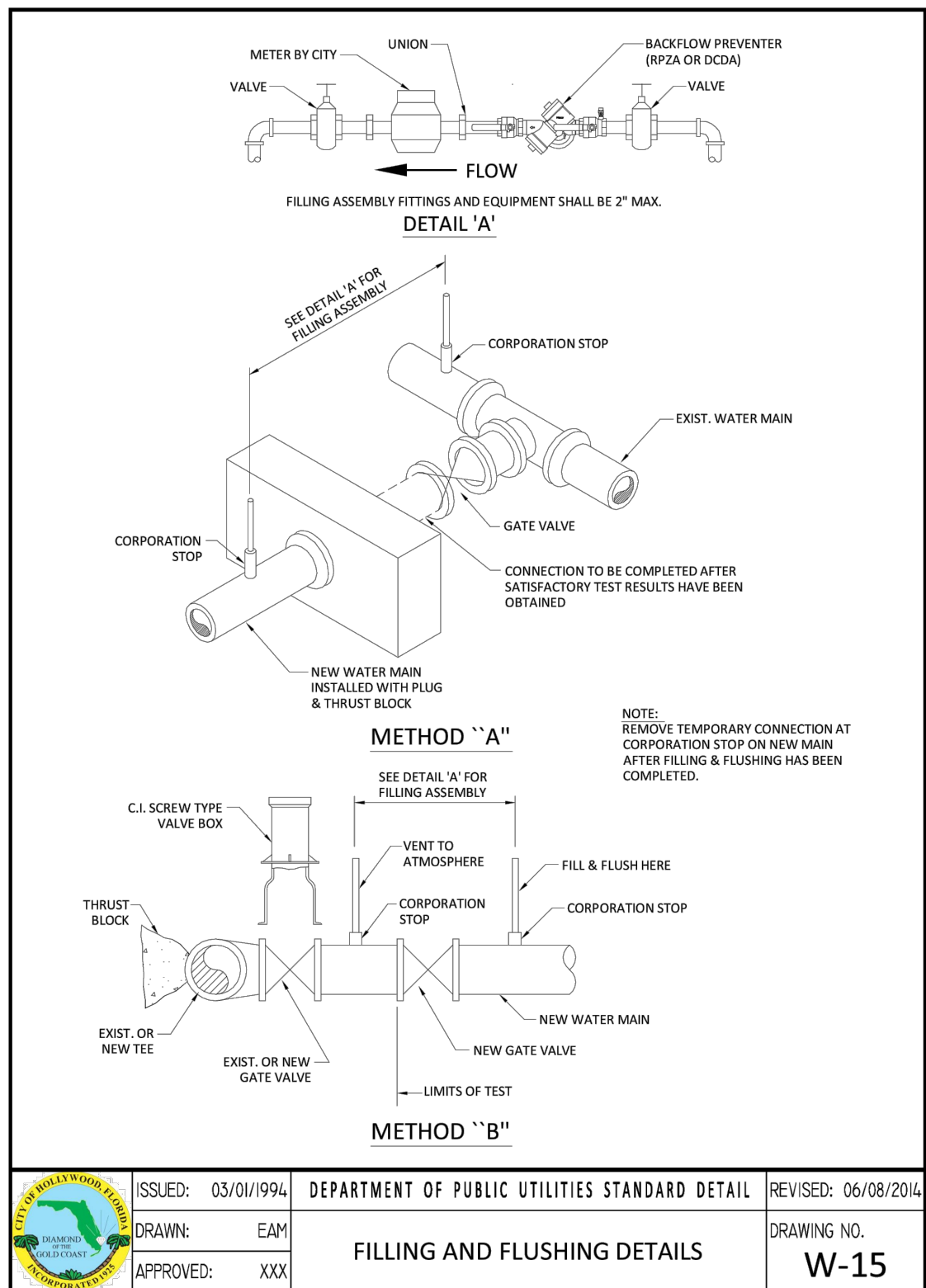
TAP SLEEVE AND VALVE

NTS	2
	STD



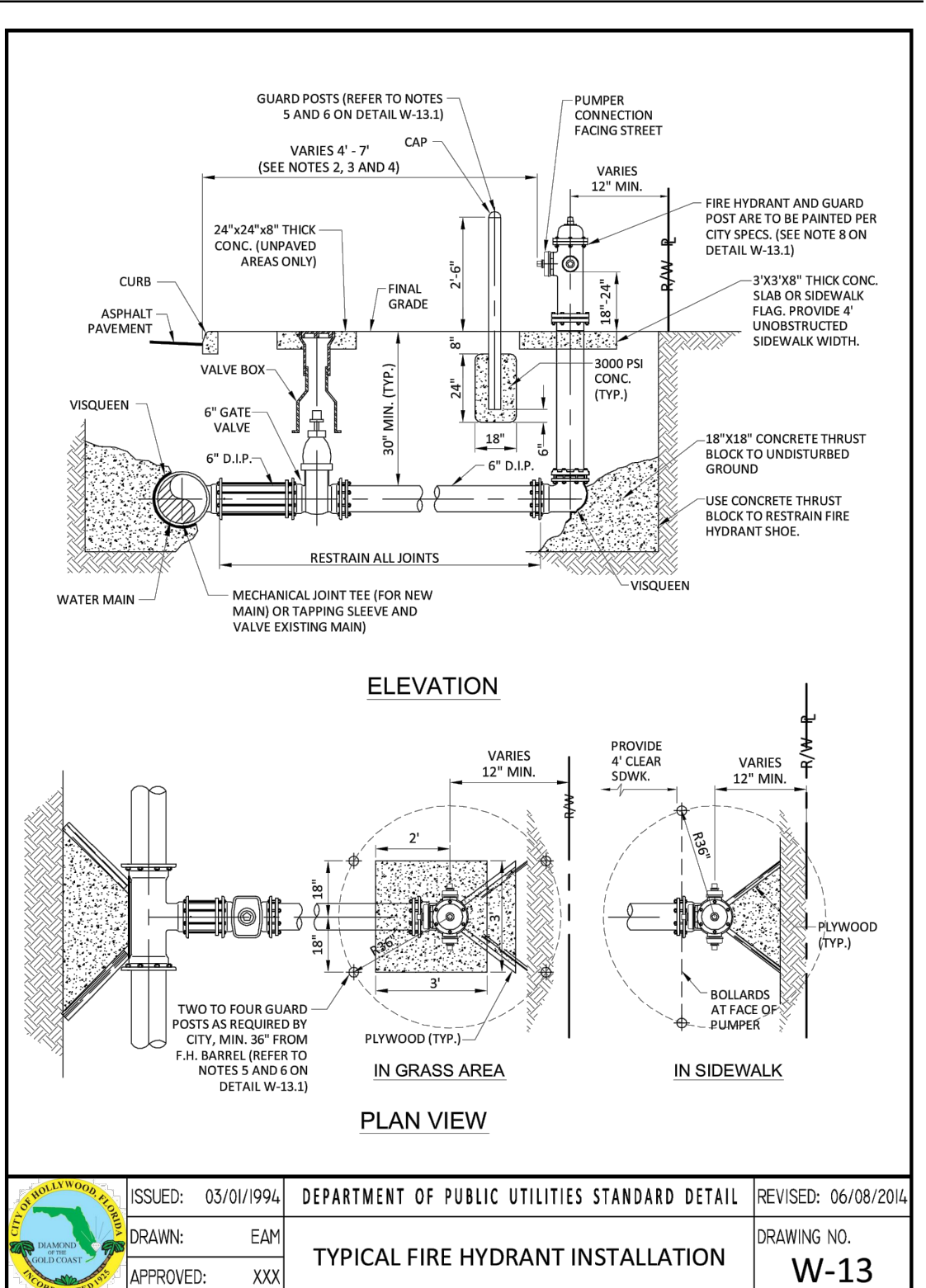
WATER METER

NTS	3
	STD



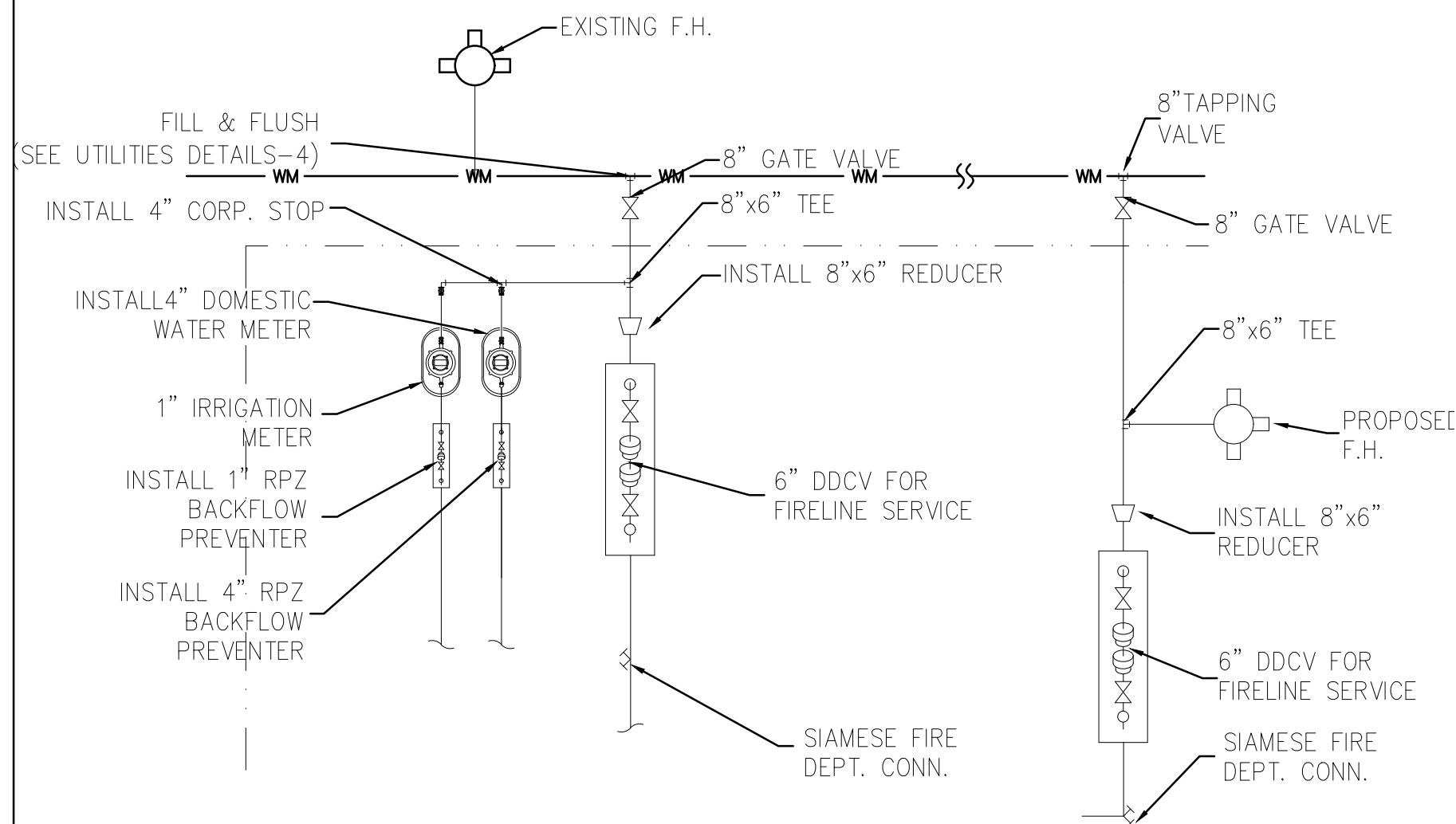
FILL & FLUSH

NTS	4
	STD



F.H. INSTALLATION

NTS	5
	STD



WATER CONNECTION

NTS	10
	STD

NINE HOLLYWOOD				
Waste Water Generation				
Use	Quantity	Generation Rate*	ERU	Demand
Proposed Residential				
One Bedroom (420 sf)	80	100 GPD	25.40	8,000 GPD
One Bedroom (463 sf)	16	100 GPD	5.08	1,600 GPD
One Bedroom (602 sf)	76	100 GPD	8.35	27,600 GPD
One Bedroom (684 sf)	16	100 GPD	5.08	1,600 GPD
Two Bedroom (1,011)	16	200 GPD	10.16	3,200 GPD
Pool	25 person capacity	2 gal/person	0.16	50 GPD
			Total Proposed	54.23 ERU @ 315 GPD 17,083 GPD

Potable Water Consumption				
Use	Quantity	Generation Rate*	ERU	Demand
Proposed Residential				
One Bedroom (420 sf)	80		25.40	8,890 GPD
One Bedroom (463 sf)	16		5.08	1,778 GPD
One Bedroom (602 sf)	76		8.35	2,923 GPD
One Bedroom (684 sf)	16		5.08	1,778 GPD
Two Bedroom (1,011)	16		10.16	3,556 GPD
Pool	25 person capacity		0.16	55 GPD
			Total Proposed	54.23 ERU @ 350 GPD 18,981 GPD

* As per the Florida Administrative Code: Chapter 64E-6.008 Table I for System Design, ESTIMATED SEWAGE FLOW. ERU = Equivalent Residential Unit

FLOW DEMAND TABLE

NTS	8
	STD

Fire Flow Calculations for Nine Hollywood

SITE DATA

Proposed is the construction of a 12 (12) story Class IA residential Building located at 320 South Federal Hwy. in Hollywood, Florida, Broward County. The existing land uses surrounding the site are residential to the North, South, East and West.

DESIGN CRITERIA

The proposed building shall have an approved automatic sprinkler system.

Per NFPA-1 18.4.2.2 Type I (443), Type I (332), and Type II (222) Construction fire flow area shall be the area of the three largest successive floors. Fire flow area: 30,570 X 3 = 91,710 sf

Per NFPA-1 Table 18.4.5.2.1 the required fire flow for a 91,710 sf Type I Building is 3,250 gpm with a flow duration of 3 hours.

Per NFPA-1, 18.4.5.3.2, that the required fire flow, as established in Table 18.4.5.2.1 shall be reduced by 75% when the building is provided with an approved automatic sprinkler system.

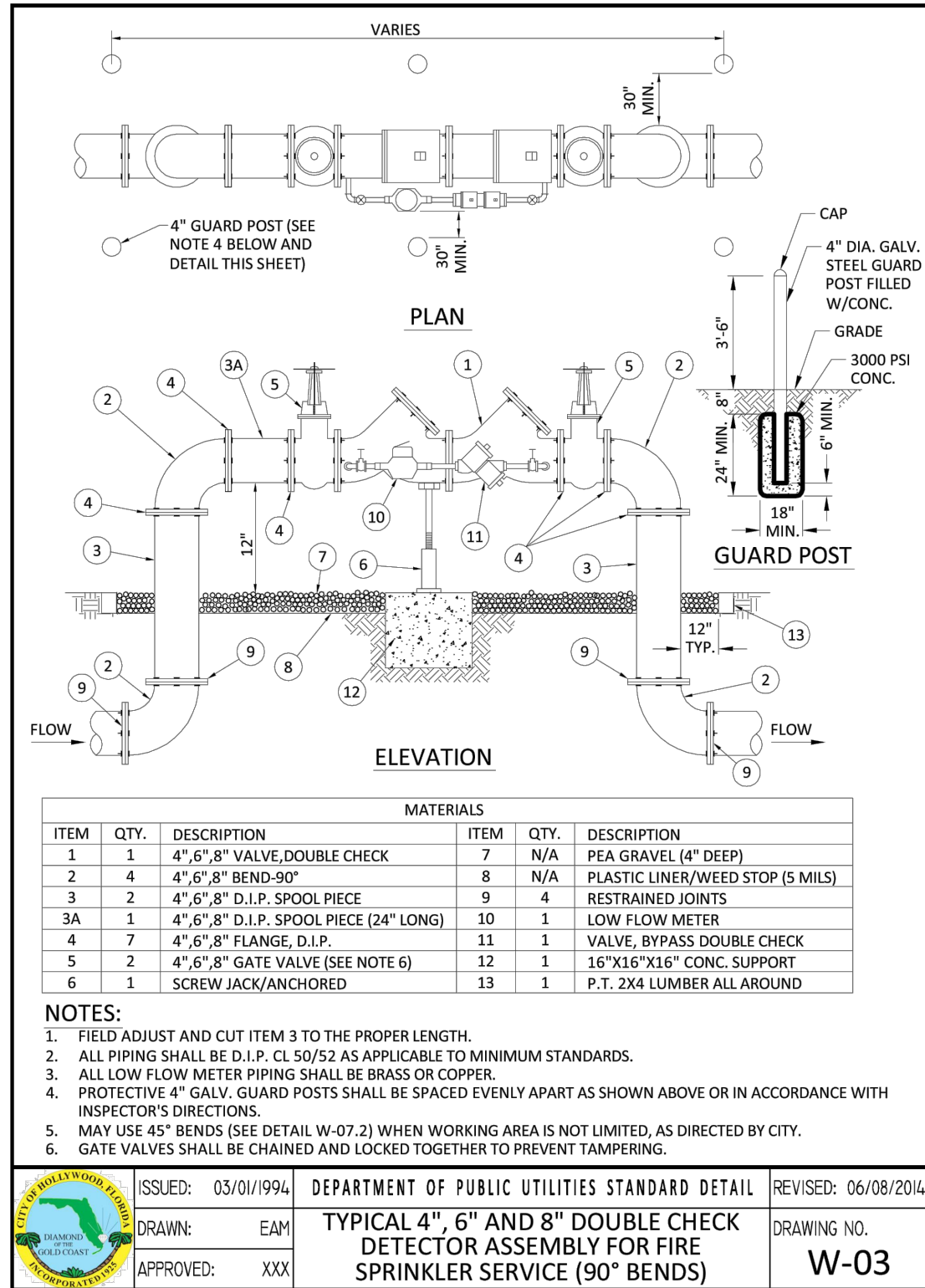
FIRE FLOW REQUIREMENTS

NTS	9
	STD

REQUIRED FIRE FLOW

3,250 X 0.25 = 812.5 GPM

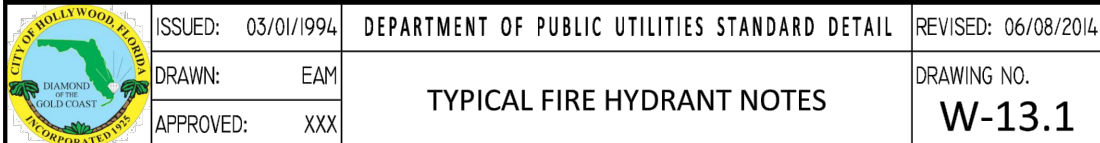
Hydrant Flow Test Result on Jackson Street and S Federal Hwy. is 960 gpm. Greater than required. OK



DDCV ASSEMBLY

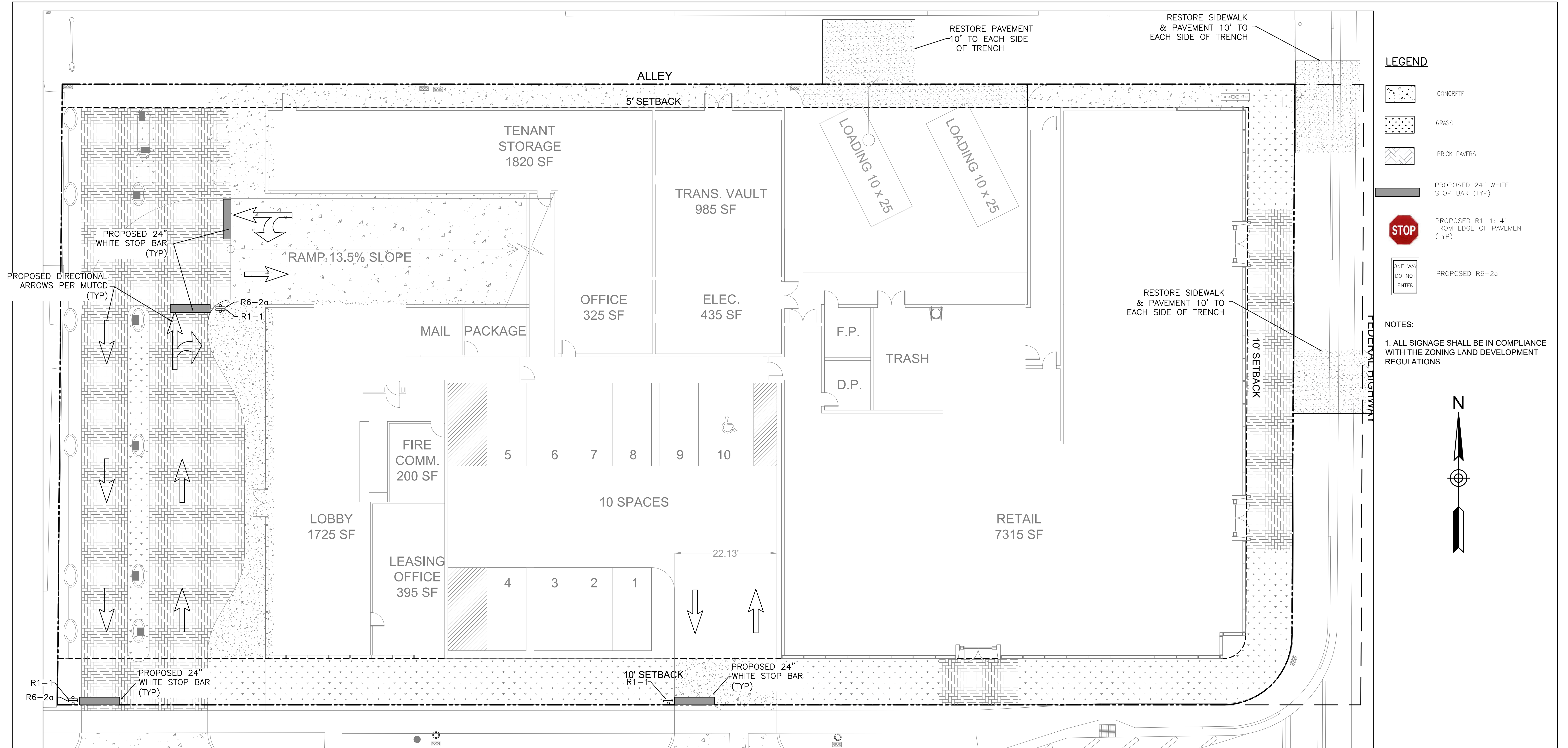
NTS	7
	STD

- NOTES:**
- IN ALL CASES, PROVIDE 4' UNOBSTRUCTED SIDEWALK CLEAR OF THE FIRE HYDRANT AND BOLLARDS.
 - FIRE HYDRANTS SHALL BE LOCATED BETWEEN 4' AND 7' FROM THE FACE OF CURB.
 - FIRE HYDRANTS SHALL NOT BE LOCATED WITHIN A RADIUS OR WITHIN FDOT CLEAR DRIVING ZONE.
 - WITHIN FDOT R/W, WHERE SPACE IS RESTRICTED THE FIRE HYDRANT MAY BE LOCATED 2' FROM THE FACE OF THE CURB AS LONG AS THERE IS A MINIMUM 4' UNOBSTRUCTED SIDEWALK BEHIND THE HYDRANT, AND THE HYDRANT BASE IS 4" OR LESS FROM GRADE IN ACCORDANCE WITH F.D.O.T. INDEX 700.
 - GUARD POSTS SHALL NOT BE ALLOWED WITHIN FDOT R/W.
 - OTHER THAN FDOT R/W, GUARD POSTS SHALL BE INSTALLED AS REQUIRED FOR SAFETY OR AS APPROVED BY THE DEPT. OF PUBLIC UTILITIES. IN SIDEWALK, LOCATE GUARD POSTS AT THE FACE OF THE PUMPER AND 2'-6" LEFT/RIGHT OF C. OF THE FIRE HYDRANT. EXTRA POSTS MAY BE REQUIRED IN INDUSTRIAL AND CONGESTED TRAFFIC AREAS. (4 POSTS MAX.)
 - FIRE HYDRANT CONCRETE SLAB AND CONCRETE GUARD POST FOOTINGS SHALL BE DIFFERENT POURS.
 - THE FIRE HYDRANT BONNET, OPERATING NUT, HOLD-DOWN NUT, PUMPER CAP AND HOSE CAPS SHALL BE PAINTED GREEN, AND THE HYDRANT UPPER BARREL SHALL BE PAINTED SILVER IN ACCORDANCE WITH CITY SPECIFICATIONS.



F.H. NOTES

NTS	6
	STD

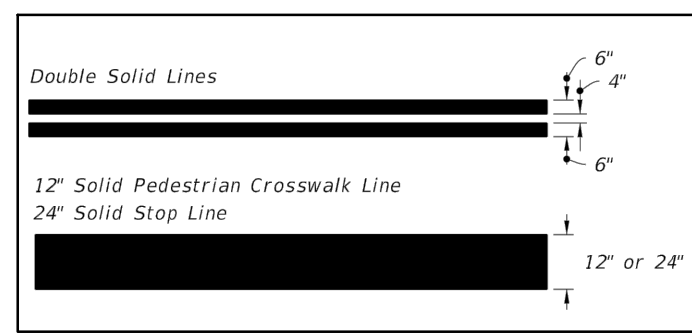
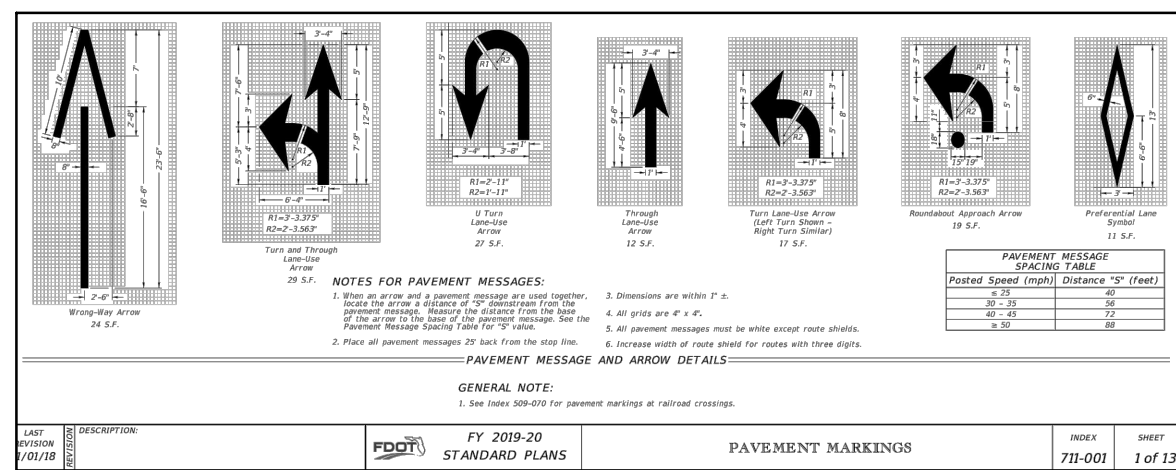


LEGEND

- CONCRETE
- GRASS
- BRICK PAVERS
- PROPOSED 24" WHITE STOP BAR (TYP)
- PROPOSED R1-1: 4' FROM EDGE OF PAVEMENT (TYP)
- PROPOSED R6-2a

NOTES:

- ALL SIGNAGE SHALL BE IN COMPLIANCE WITH THE ZONING LAND DEVELOPMENT REGULATIONS



DETAIL 1
PAVEMENT MARKING LINES

DETAIL 2
ARROWS

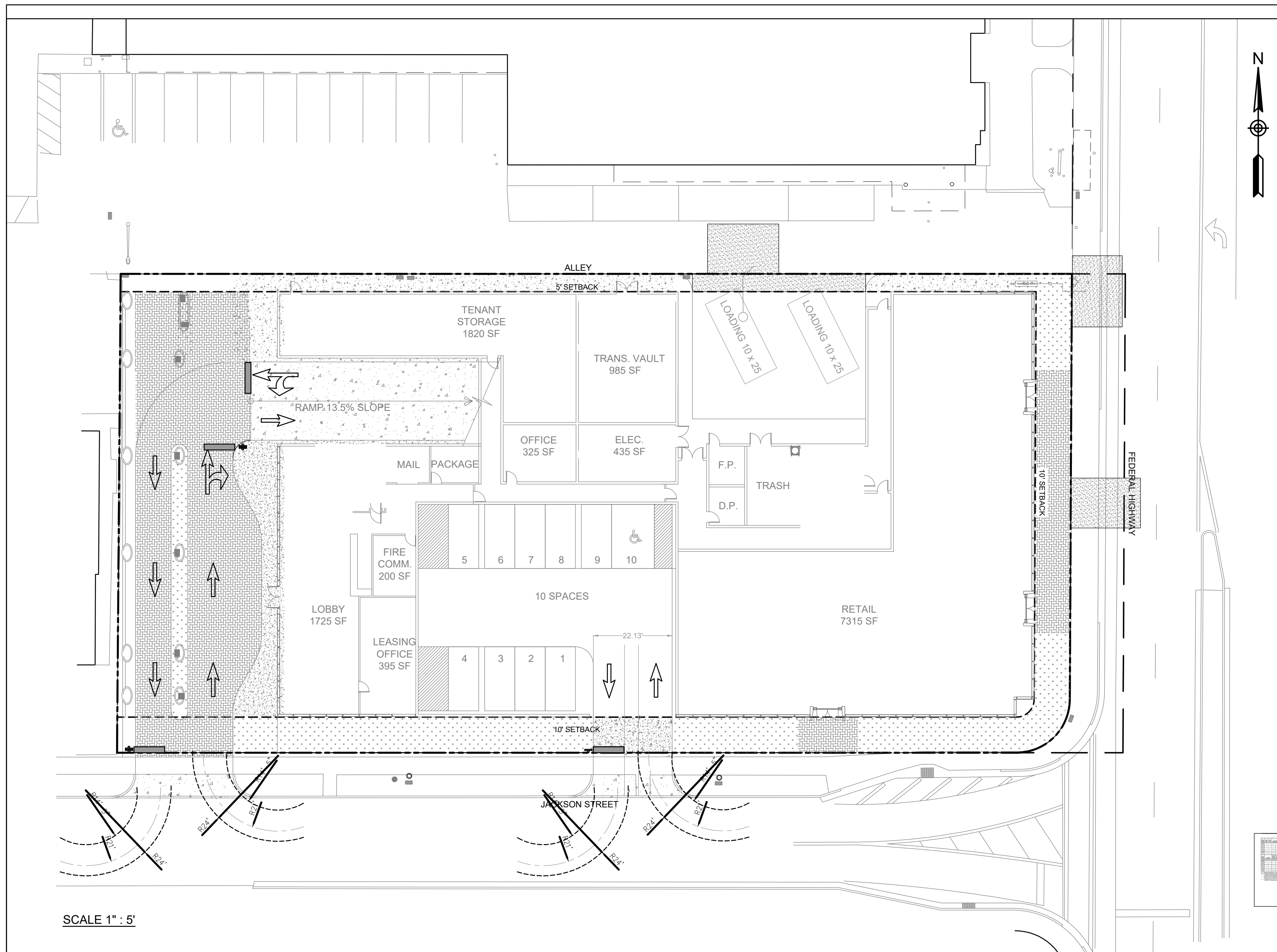
aj/A
alfonsojurado/ARCHITECTURE
4304 NE 2nd AVENUE
Miami, FL 33137
305.206.6214 T

Szauer Engineering
Civil Engineers
5070 W Palmetto Park Road, No. 15399
Boca Raton, FL 33433
Phone: (561) 716-0159
Certificate of Authorization Number 30129

N I N E H O L L Y W O O D
320 South Federal Highway, Hollywood, FL
O c t o b e r 2 , 2 0 1 8

PAVING PLAN
NAME2 SCALE 1"=10'

C-09



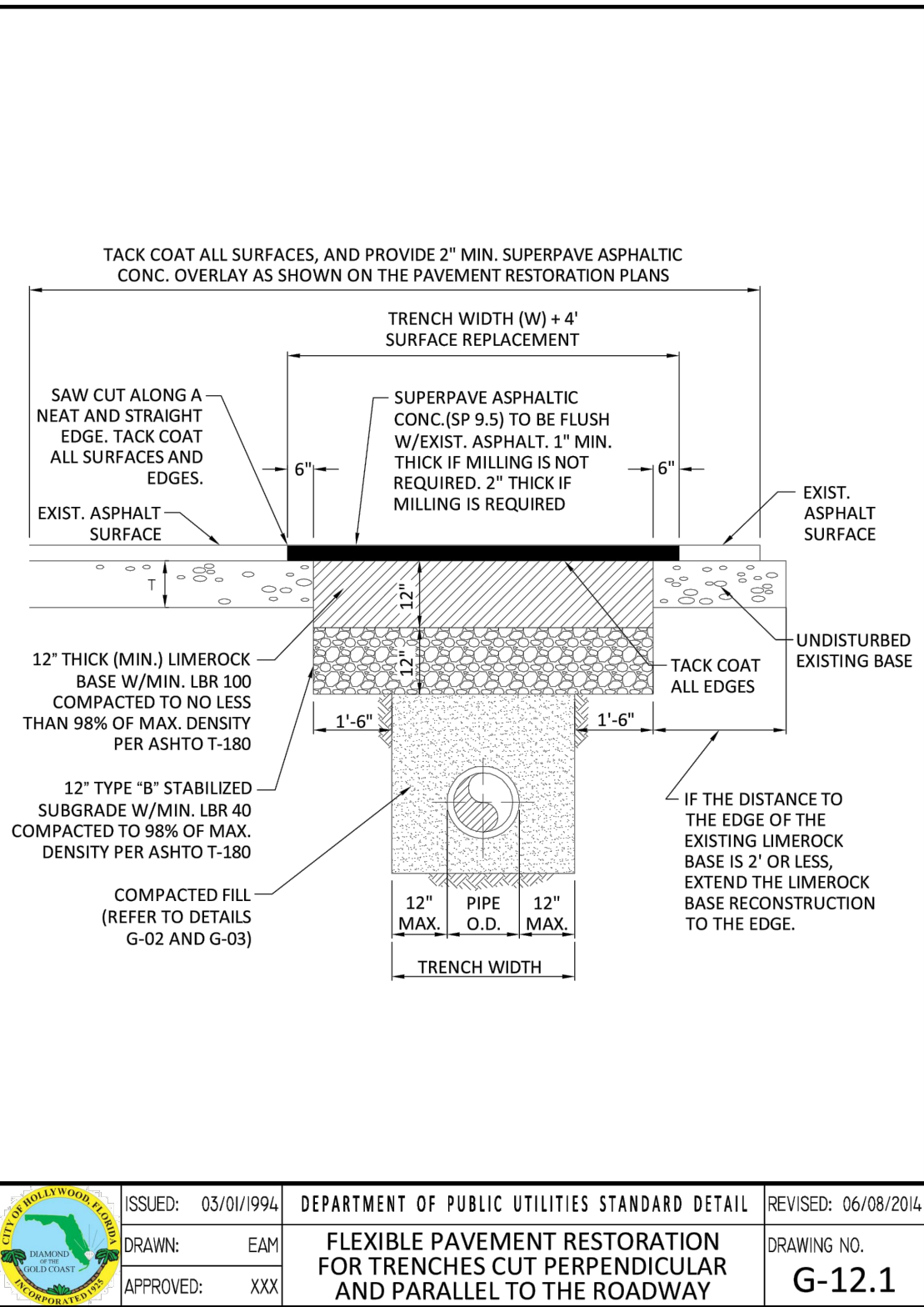
US Customary										
Design Vehicle Type	Passenger Car	Single-Unit Truck	Intercity Bus (Motor Coach)	City Transit Bus	Conventional School Bus (65 seats)	Large School Bus (84 seats)	Articulated Bus	Intermediate Semi-trailer	Intermediate Semi-trailer	Intermediate Semi-trailer
Symbol	P	SU	BUS-40	BUS-45	CITY-BUS	S-BUS38	A-BUS	WB-40	WB-40	WB-40
Minimum Design Turning Radius (ft)	24	42	45	45	42.0	38.9	39.4	38.8	40	45
Center-line Turning Radius (CTR) (ft)	21	38	40.8	40.8	37.8	34.9	35.4	35.5	36	41
Minimum Inside Radius (ft)	14.4	28.3	27.8	25.5	24.5	23.8	25.4	21.3	19.3	17.0
Design Vehicle Type	Interstate Semi-trailer	"Double Bottom" Combination	Triple Semi-trailer	Turnpike Double Semi-trailer	Motor Home	Car and Camper Trailer	Car and Boat Trailer	Motor Home and Boat Trailer	Farm Tractor w/One Wagon	
Symbol	WB-62	WB-62+2 WB-67	WB-67D	WB-100T	WB-108D*	MH	P/T	P/B	MHB	TRW
Minimum Design Turning Radius (ft)	45	45	45	45	60	40	33	24	50	18
Center-line Turning Radius (CTR) (ft)	41	41	41	41	56	36	30	21	46	14
Minimum Inside Radius (ft)	7.9	4.4	19.3	9.9	14.9	25.5	17.4	8.0	35.1	10.5
* = Design vehicle with 48-ft trailer as adopted in 1982 Surface Transportation Assistance Act (STAA). + = Design vehicle with 63-ft trailer as grandfathered in with 1982 Surface Transportation Assistance Act (STAA). = The turning radius assumed by a designer when investigating possible turning paths and is set at the centerline of the front axle of a vehicle. If the minimum turning path is assumed, the CTR approximately equals the minimum design turning radius minus one-half the front width of the vehicle. = School buses are manufactured from 42-passenger to 84-passenger sizes. This corresponds to wheelbase lengths of 11.0 ft to 20.0 ft, respectively. For these different sizes, the minimum design turning radius vary from 28.8 ft to 39.4 ft and the minimum inside radii vary from 14.0 ft to 25.4 ft. = Turning radius is for 150-200 hp tractor with one 18.5 ft long wagon attached to hitch point. Front wheel drive is designed and without brakes being applied.										

MINIMUM TURNING RADII

NTS	1	STD
-----	---	-----

NOTE:

- ALL PROPOSED SIDEWALKS PER FDOT INDEX 310
- COORDINATION WITH LANDSCAPING PLANS FOR SIGHT DISTANCE IS REQUIRED



PAVEMENT RESTORATION

NTS	2	STD
-----	---	-----

FLEXIBLE PAVEMENT RESTORATION NOTES:

- THE ABOVE DETAILS APPLY ONLY TO ASPHALT PAVEMENT RESTORATION OVER UTILITY TRENCHES CUT WITHIN CITY OF HOLLYWOOD RIGHTS-OF-WAY. FOR PAVEMENT RESTORATION WITHIN BROWARD COUNTY OR FOOT RIGHTS-OF-WAY REFER TO THE CORRESPONDING DETAILS FOR THOSE AGENCIES.
- LIMEROCK BASE MATERIAL SHALL HAVE A MINIMUM L.B.R. OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%. REPLACED BASE MATERIAL OVER TRENCH SHALL BE A MINIMUM OF 12" THICK.
- LIMEROCK BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) THICKNESS LAYERS WITH EACH LAYER THOROUGHLY ROLLED OR TAMPED AND COMPACTED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180, PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYERS.
- STABILIZED SUBGRADE MATERIAL SHALL BE GRANULAR AND SHALL HAVE A MINIMUM L.B.R. OF 40.
- BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PIPE LAYING CONDITION TYPICAL SECTIONS IN DETAILS G-02 AND G-03, AND THE SPECIFICATIONS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
- ALL EDGES AND JOINTS OF EXISTING ASPHALT PAVEMENT SHALL BE SAW CUT TO STRAIGHT LINES, PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO THE RESURFACING.
- RESURFACING MATERIAL SHALL BE FDOT SUPERPAVE, AND SHALL BE APPLIED A MINIMUM OF TWO INCH IN THICKNESS.
- SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED FOR A SMOOTH, FLUSH TRANSITION TO EXISTING PAVEMENT.
- IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.
- REFER TO SPECIFICATIONS FOR DETAILED PROCEDURES.
- WHERE THE UTILITY TRENCH CROSSES EXISTING ASPHALT DRIVEWAYS, THE LIMEROCK BASE THICKNESS MAY BE A MINIMUM OF 6 INCHES THICK. REGARDLESS OF THE EXTENT OF IMPACT, THE ENTIRE DRIVEWAY SURFACE BETWEEN THE EDGE OF THE ROADWAY PAVEMENT AND PROPERTY LINE OR FRONT OF SIDEWALK SHALL BE OVERLAID USING 2-INCH THICK MINIMUM ASPHALTIC CONCRETE SURFACE COURSE WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE CITY/ENGINEER.

ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	FLEXIBLE PAVEMENT RESTORATION NOTES	DRAWING NO. G-12
APPROVED: XXX		

PAVEMENT RESTORATION NOTES

NTS	3	STD
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aj/A

alfonsojurado/ARCHITECTURE
4304 NE 2nd AVENUE
Miami, FL 33137
305.206.6214 T

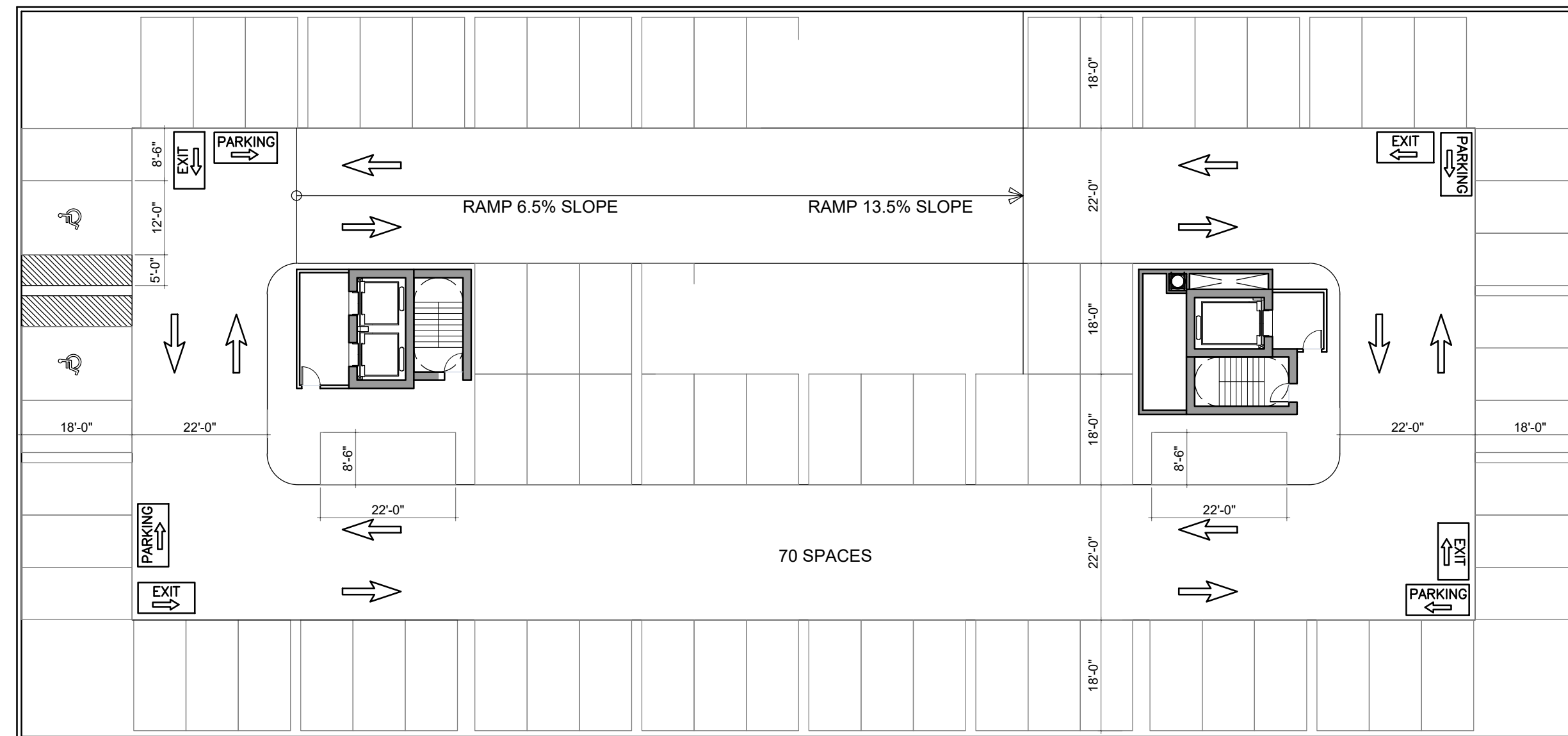
Szauer Engineering

Civil Engineers
5070 W Palmetto Park Road, No. 15399
Boca Raton, FL 33433
Phone: (561) 716-0159
Certificate of Authorization Number 30129

NINE HOLLYWOOD
320 South Federal Highway, Hollywood, FL
October 2, 2018

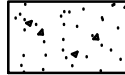
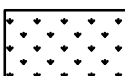

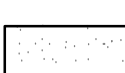


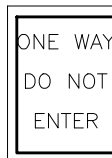
PAVING DETAILS
NAME2 SCALE: AS NOTED

C-10



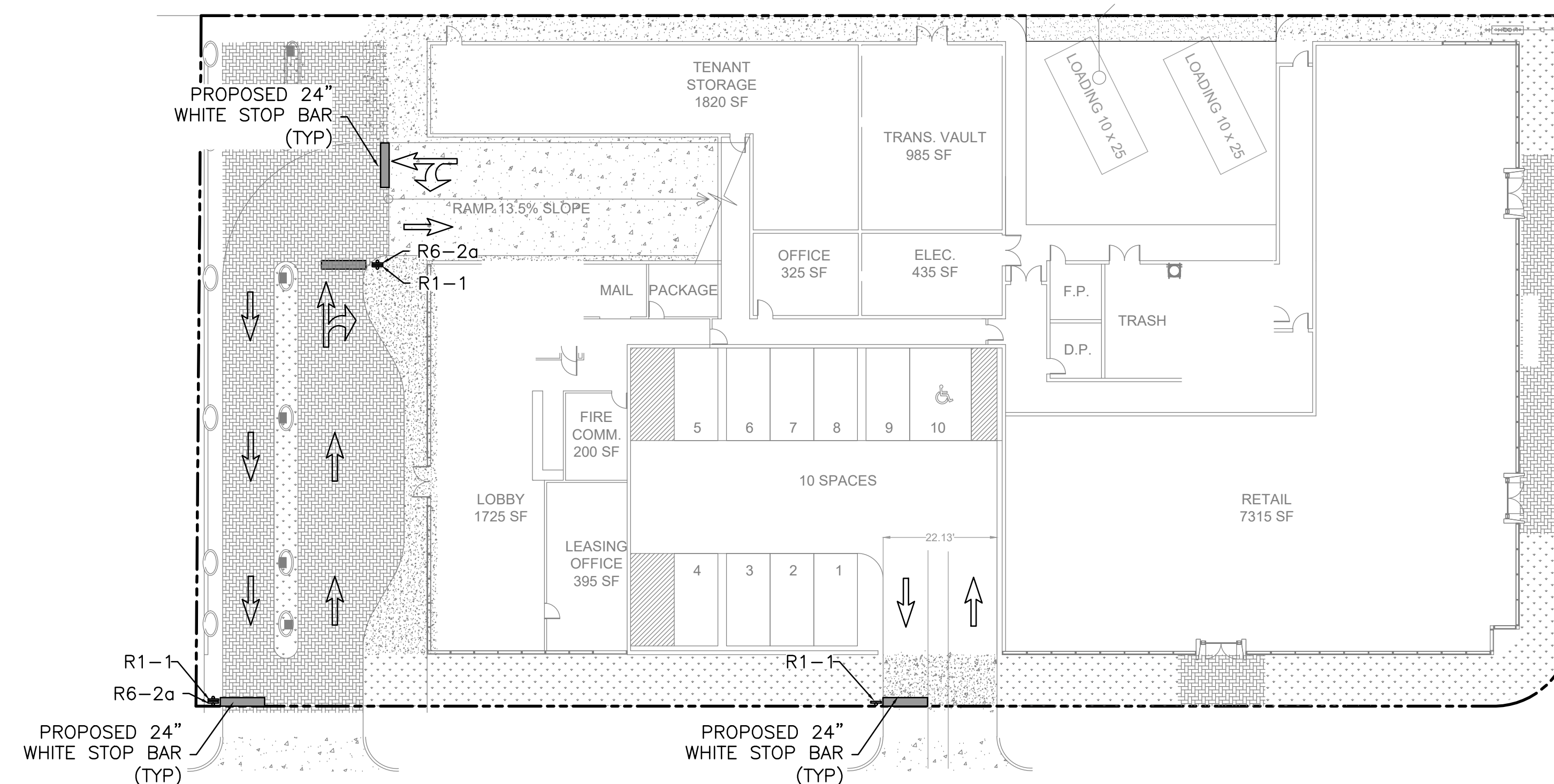
LEVEL 02 -04

LEGEND

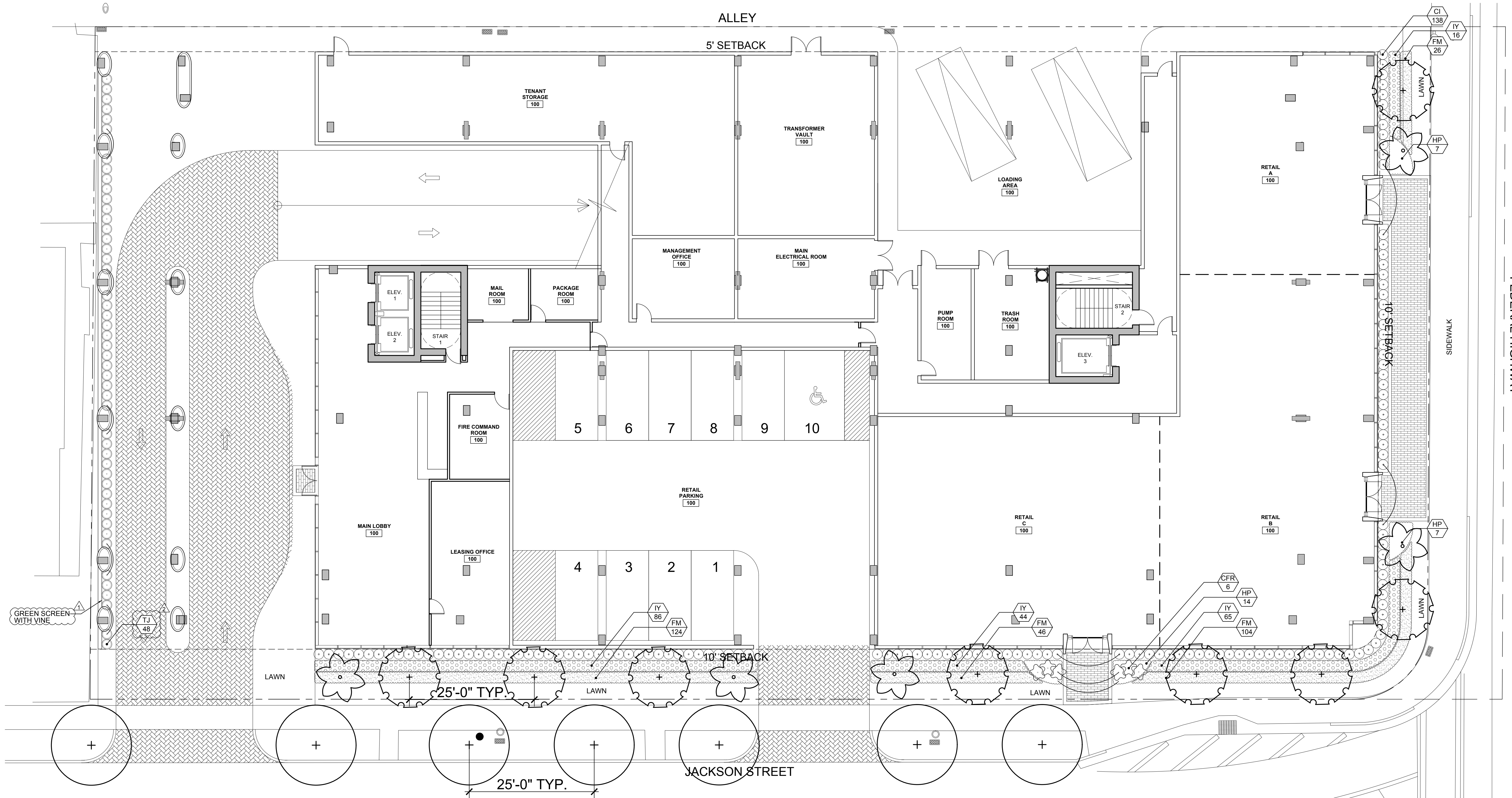
-  CONCRETE
-  GRASS
-  BRICK PAVERS
-  BRICK PAVERS
-  PROPOSED 24" WHITE STOP BAR (TYP)
-  PROPOSED R1-1: 4' FROM EDGE OF PAVEMENT (TYP)
-  PROPOSED R6-2a

NOTES:

1. ALL SIGNAGE . SHALL BE IN COMPLIANCE WITH THE ZONING LAND DEVELOPMENT REGULATIONS



LEVEL 01



GROUND FLOOR LANDSCAPE PLAN

Scale: 1"=10'-0"

SHEET INDEX:

- L-1 GROUND LEVEL LANDSCAPE PLAN
- L-2 LEVEL 5 AMENITY LANDSCAPE PLAN
- L-3 LANDSCAPE DETAILS

Mitigation Note: Any mitigation shall take place off site or paid into a tree trust fund. Mitigation shall be worked out with the City of Hollywood based on the tree survey.

LANDSCAPE LIST			
TREES			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
8	1	11ex cassine	12' HT. X 5' SPR. 2" DBH.
7	1	DAHOON HOLLY	F.G.
5	1	Noronia emarginata	12' HT. X 5' SPR. 2" DBH.
3	1	MADEAGASCAR OLIVE	F.G.
3	1	Noronia emarginata 'single'	18' O.A. HT. / 6' C.T. MIN.
3	1	SINGLE MONTGOMERY PALM	F.G.
3	1	Phoenix sylvestris	20' O.A. HT. / 6' C.T. MIN.
3	1	SILVER DATE PALM	F.G.
SHRUBS AND GROUNDCOVERS			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
AP	5	Andromeda 'Red Star'	30' HT. X 32" SPR.
CFB	15	GIANT PINK- RED BROMELIAD	9" POT
CFB	15	Cordyline fruticosa 'Black Magic'	3' HT. X 3' SPR.
CFB	15	TI PLANT	3 GAL.
CFB	10	Cordyline fruticosa 'Red Sister'	3' HT. X 3' SPR.
CFB	10	TI PLANT	3 GAL.
CI	138	Chrysodactylus 'sabo'	24" HT. X 24" SPR. / 24" O.C.
CG	323	GREEN COCCOGLUM	3 GAL.
CG	323	Clusia guttifera	24" HT. X 24" SPR. / 24" O.C.
CG	323	SMALL LEAF CLUSIA	3 GAL.
FM	626	Ficus microcarpa 'Green Island'	18" HT. X 18" SPR. / 18" O.C.
FM	626	GREEN ISLAND FICUS	3 GAL.
FM	626	Hamelia patens compact	24" HT. X 24" SPR. / 24" O.C.
HP	28	DWARF FIREBUSH	3 GAL.
HP	28	IKORA 'Maui Yellow'	18" HT. X 18" SPR. / 18" O.C.
HP	28	YELLOW DWARF IKORA	3 GAL.
HP	28	Philodendron 'Rondeletia'	24" HT. X 24" SPR. / 36" O.C.
HP	28	BURLE MARX PHLODENDRON	3 GAL.
HP	28	Trachelospermum jasminoides	18" HT. X 18" SPR. / 24" O.C.
TJ	48	Confederate Jasmine	18" HT. X 18" SPR. / 24" O.C.
TJ	48	ST. AUGUSTINE GRASS	SOLID EVEN SOD
LAWN	As Required	Stenotaphrum secundatum 'Floratum'	

NOTE: THE CITY LANDSCAPE REVIEWER WILL BE NOTIFIED PRIOR TO ANY CHANGES IN APPROVED LANDSCAPE MATERIALS.

LANDSCAPE LEGEND CITY OF HOLLYWOOD		
ZONE DISTRICT: CCC-1		
Pervious Landscape area x sq. ft.		
Street Tree distance 50 linear feet		
TREES: A. No. trees required per pervious landscape area 1 tree per 1,000 sq. ft. X sq. ft. / 1,000 sq. ft. = x trees B. Percentage palms allowed Palms permitted count as 3 palms = 1 tree Up to 50%, but more than 20% all trees must be shade natives C. Street trees (maximum spacing 50' o.c.) 333 linear feet along street / 50 lf = 7 trees D. Parking Buffer trees (maximum spacing 20' o.c.) 523 linear feet along buffer / 20 lf = 26 trees E. Total Trees Required A + C + D = Total Trees(60% NATIVE REQUIRED) F. Percentage Natives Required 60% of total trees required must be Florida Native SHRUBS A. Parking Buffer shrubs (maximum spacing 36" o.c.) X linear feet along buffer / 3 lf = X shrubs(50% NATIVE) B. Total Shrubs Provided	REQ.	PROV.
	X	9
	X	2
	7	7
	X	X
	X	18
	X	8
	X	X
		786
NOTES IRRIGATION: 100% coverage as required by City of Hollywood Plant material will not be planted into root balls of trees and palms No substitutions without the approval of Hollywood's Landscape Plan Reviewer		

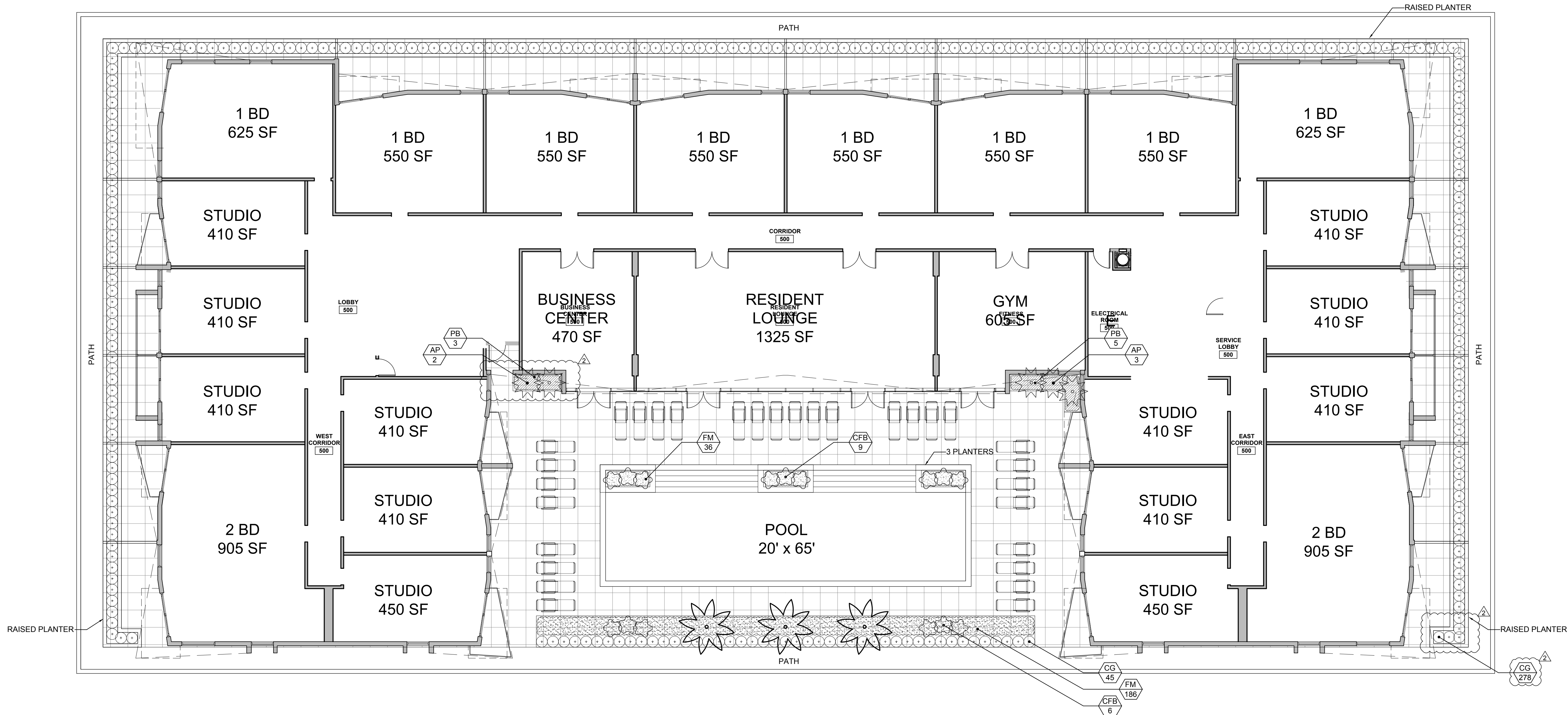


**WITKIN HULTS
DESIGN GROUP**
3075 South 24th Avenue, Suite 200, Fort Lauderdale, FL 33311
phone: 954.923.9681 fax: 954.923.9689
www.witkindesign.com

NINE HOLLYWOOD
320 S. FEDERAL HIGHWAY, HOLLYWOOD, FL
GROUND LEVEL LANDSCAPE PLAN

Project:
Revisions:
1) Client Comments
2) City Comments + New Base
11.12.2018 AM
12.18.2018 AM
Lic. # LA0000889
Member: A.S.I.A.
Drawing: Ground Level Landscape Plan
Date: 10/19/2018
Scale: See Left
Drawn by: AM
Sheet No.:
Cad Id.: 2018-073

L-1



LEVEL 5 AMENITY LANDSCAPE PLAN

Scale: 1"=10'-0"



Mitigation Note: Any mitigation shall take place off site or paid into a tree trust fund. Mitigation shall be worked out with the City of Hollywood based on the tree survey.

LANDSCAPE LIST			
TREES			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
8	8	11ex cassine	12' HT. X 5' SPR. 2" DBH.
DAHOON HOLLY		F.G.	
7	7	12' HT. X 5' SPR. 2" DBH.	
NORONIA EMARGINATA		F.G.	
MADAGASCAR OLIVE		F.G.	
5	5	18' O.A. HT. (8' C.T. MIN.)	
SINGLE MONTGOMERY PALM		F.G.	
3	3	20' O.A. HT. (8' C.T. MIN.)	
PHOENIX SYLVESTRIS		F.G.	
SILVER DATE PALM		F.G.	
SHRUBS AND GROUNDCOVERS			
SYMBOL	QUAN.	PROPOSED MATERIAL	DESCRIPTION
AP	5	30" HT. X 32" SPR.	
GIANT PINK-RED BROMELIAD		9" POT	
CFB	15	3' HT. X 3' SPR.	
CORDYLINE FRUTICOSA 'BLACK MAGIC'		3 GAL.	
TI PLANT		3 GAL.	
CFR	10	3' HT. X 3' SPR.	
CORDYLINE FRUTICOSA 'RED SISTER'		3 GAL.	
TI PLANT		3 GAL.	
CI	138	24" HT. X 24" SPR. / 24" O.C.	
CHRYSOCLADUS LACO		3 GAL.	
CG	323	24" HT. X 24" SPR. / 24" O.C.	
CLUSIA GUTTIFERA		3 GAL.	
SMALL LEAF CLUSIA		3 GAL.	
FM	626	18" HT. X 18" SPR. / 18" O.C.	
PICUS MICROCARPA 'GREEN ISLAND'		3 GAL.	
GREEN ISLAND CUCURBIT		24" HT. X 24" SPR. / 24" O.C.	
HP	28	24" HT. X 24" SPR. / 24" O.C.	
HAMELIA PATENS 'COMPACT'		3 GAL.	
DWARF FIREBUSH		3 GAL.	
IY	211	18" HT. X 18" SPR. / 18" O.C.	
YELLO DWARF IKORA		3 GAL.	
PB	8	24" HT. X 24" SPR. / 36" O.C.	
BURLE MARX PHLODENDRON		3 GAL.	
TJ	48	18" HT. X 18" SPR. / 24" O.C.	
CONFEDERATE JASMINE		3 GAL. TRAILING	
LAWN	As Required	ST. AUGUSTINE GRASS	SOLID EVEN SOO

NOTE: THE CITY LANDSCAPE REVIEWER WILL BE NOTIFIED PRIOR TO ANY CHANGES IN APPROVED LANDSCAPE MATERIALS.

LANDSCAPE LEGEND CITY OF HOLLYWOOD		
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	x	9
SHRUBS A. Parking Buffer shrubs (maximum spacing 36" o.c.) X linear feet along buffer / 3 lf = X shrubs(50% NATIVE) B. Total Shrubs Provided	x	2
	x	7
NOTES IRRIGATION: 100% coverage as required by City of Hollywood Plant material will not be planted into root balls of trees and palms No substitutions without the approval of Hollywood's Landscape Plan Reviewer	x	x
	x	8
		786

**WITKIN HULTS
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phone: 954.923.9681 fax: 954.923.9689
www.witkindesign.com

NINE HOLLYWOOD

320 S. FEDERAL HIGHWAY, HOLLYWOOD, FL

LEVEL 5 AMENITY LANDSCAPE PLAN

Project:

Revisions:

1) Client Comments	11.12.2018	AM
2) City Comments + New Base	12.18.2018	AM

Seal:

Lic. # LA0000889
Member: A.S.L.A.

Drawing: Level 5 Landscape Plan

Date: 10/19/2018

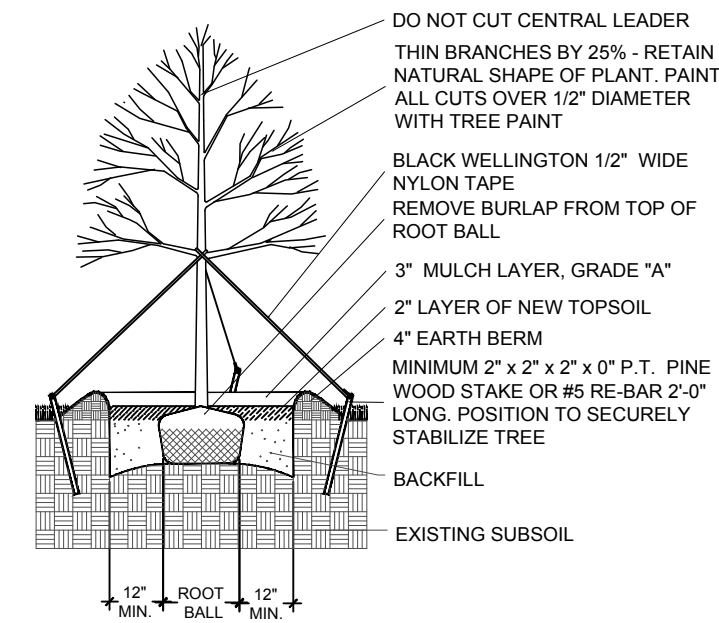
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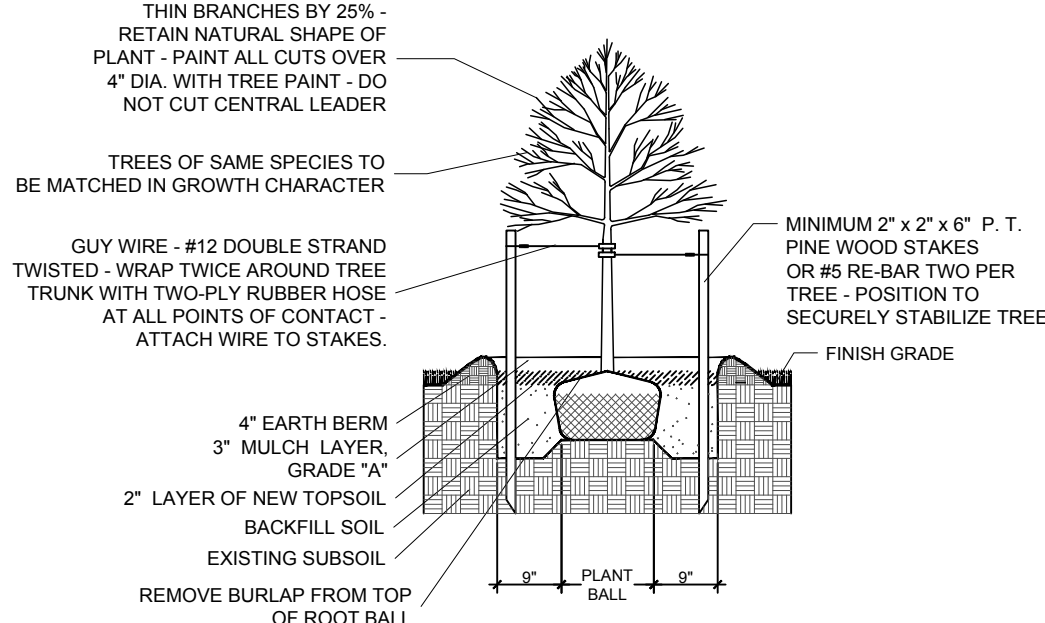
Sheet No.:

L-2

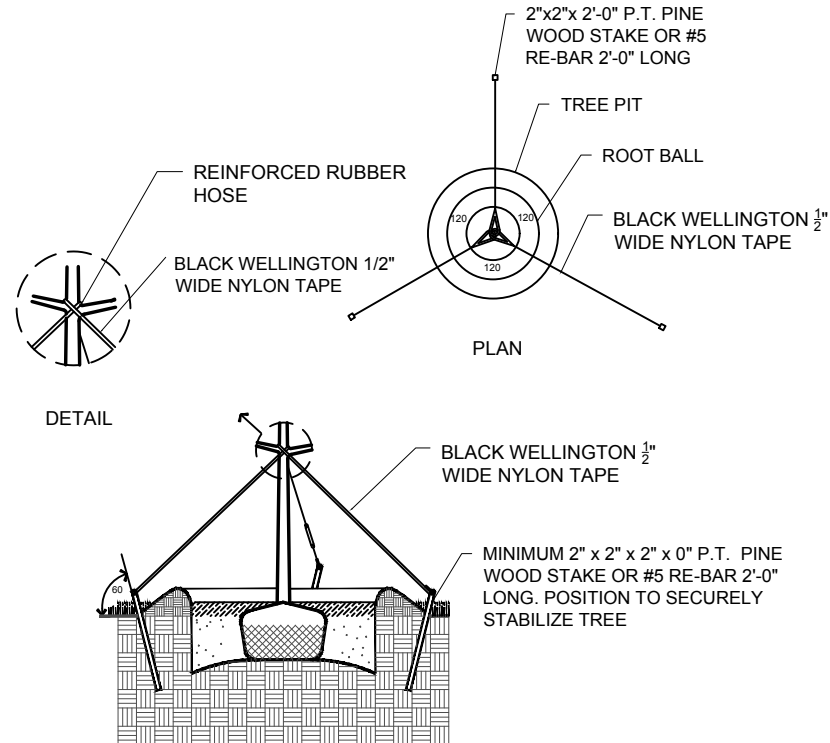
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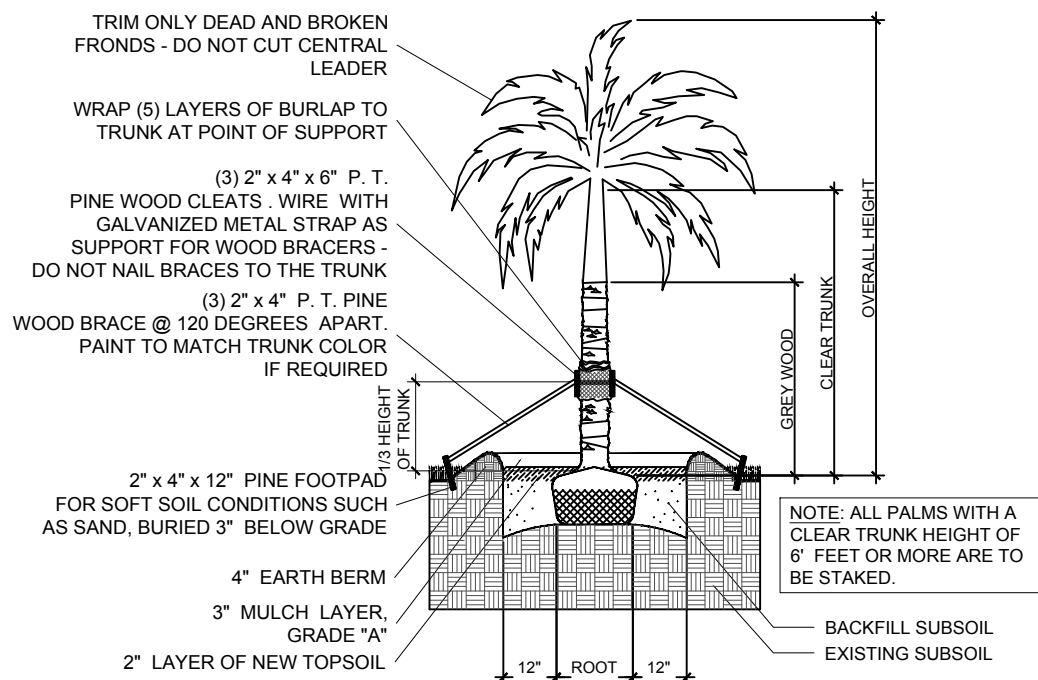
LARGE TREE PLANTING DETAIL



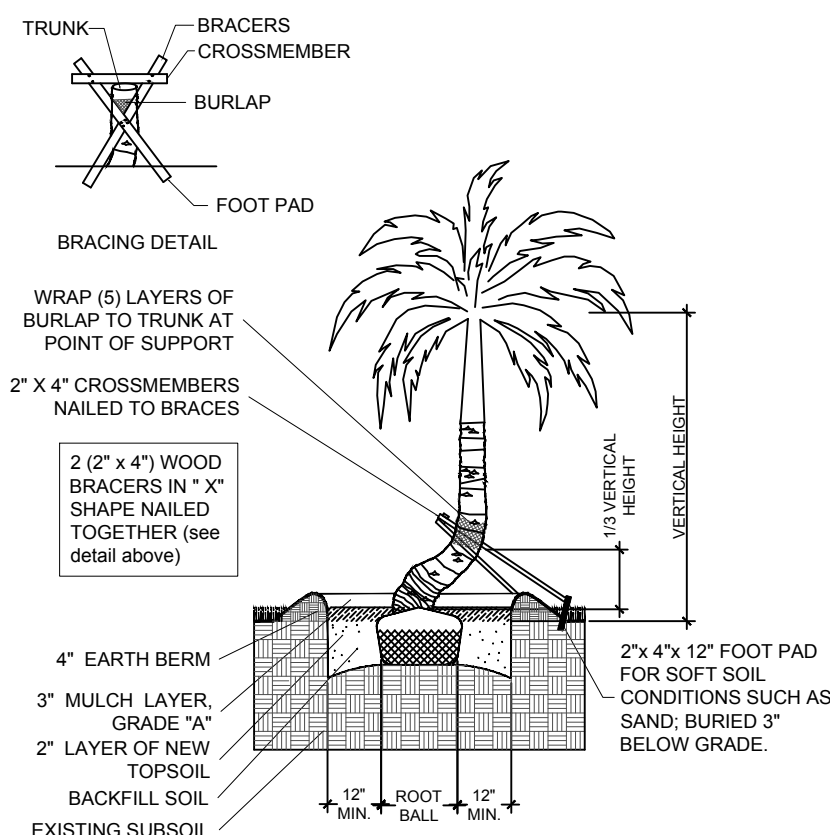
SMALL TREE PLANTING DETAIL



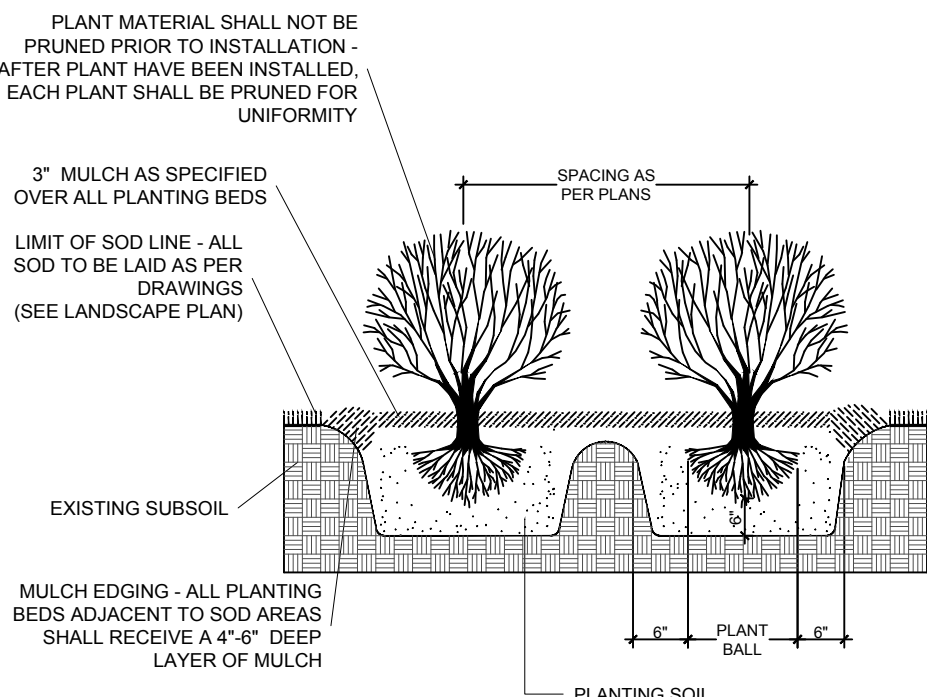
TYPICAL TREE GUYING DETAIL



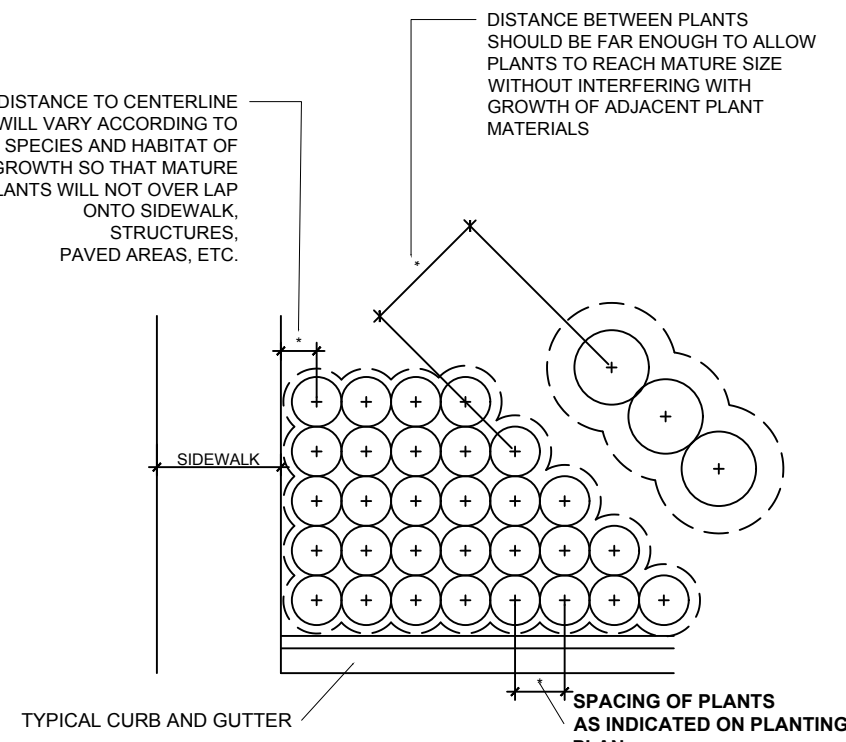
STRAIGHT TRUNK PALM PLANTING DETAIL



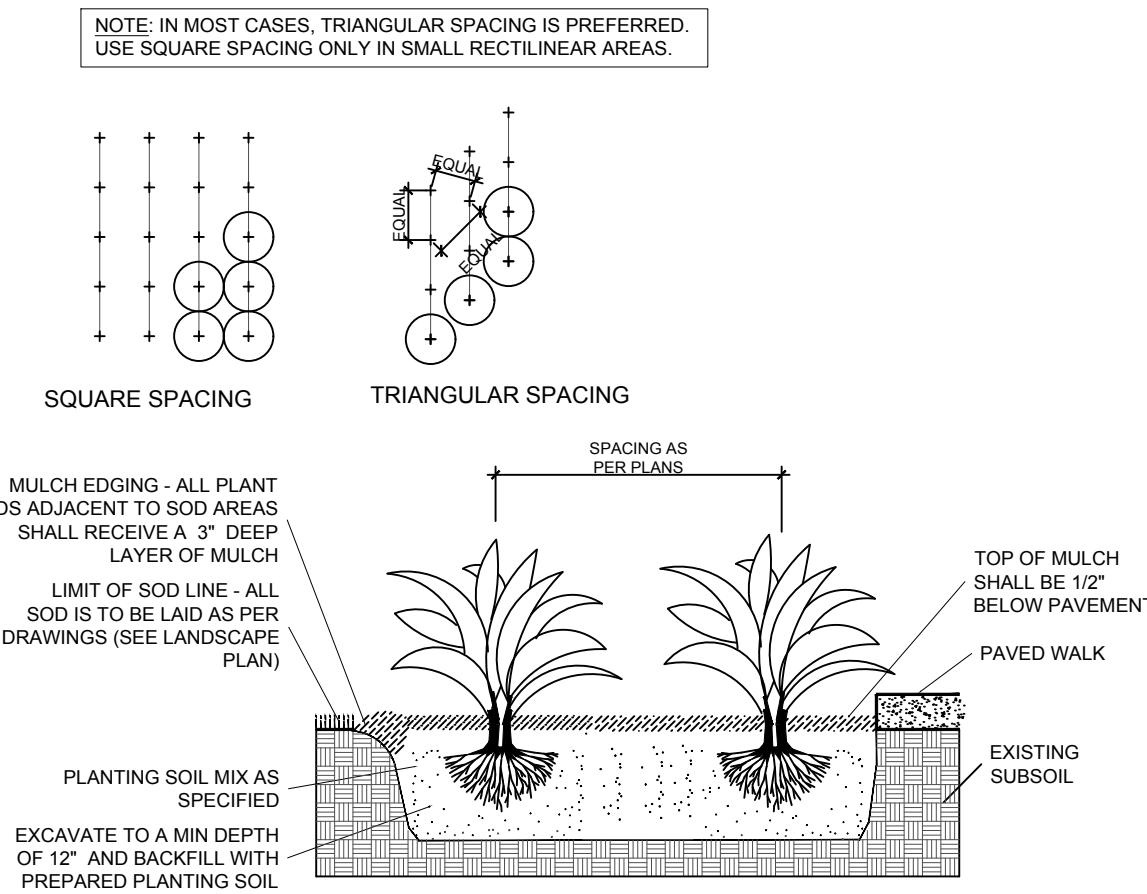
CURVED TRUNK PALM PLANTING DETAIL



TYPICAL SHRUB PLANTING DETAIL



TYPICAL CONTAINER SPACING DETAIL



TYPICAL GROUNDCOVER PLANTING DETAIL

PLANTING NOTES:

-All plant material is to be Florida Number 1 or better pursuant to the Florida Department of Agriculture's Grades and Standards for Nursery Plants.

-All plants are to be top dressed with a minimum 3" layer of Melaleuca mulch, Eucalyptus mulch or equal.

-Planting plans shall take precedence over plant list in case of discrepancies.

-No changes are to be made without the prior consent of the Landscape Architect and Owner. Additions and deletions to the plant material must be approved by the project engineer.

-Landscape Contractor is responsible for providing their own square footage takeoffs and field verification for 100% sod coverage for all areas specified.

- All landscape areas are to be provided with automatic sprinkler system which provide 100% coverage, and 50% overlap.

- All trees in lawn areas are to receive a 24" diameter mulched saucer at the base of the trunk.

- Trees are to be planted within parking islands after soil is brought up to grade. Deeply set root balls are not acceptable.

- Planting soil for topsoil and backfill shall be 50/50 mix, nematode free. Planting soil for annual beds to be comprised of 50% Canadian peat moss, 25% salt free coarse sand and 25% Aerolite.

- Tree and shrub pits will be supplemented with "Agriform Pells", 21 gram size with a 20-10-5 analysis, or substitute application accepted by Landscape Architect. Deliver in manufacturer's standard containers showing weight, analysis and name of manufacturer.

SOD NOTES:

-Sod is to be grade "A" weed free.

-All areas marked "LAWN" shall be solid sodded with St. Augustine 'Floratam' solid sod. See limit on plan. All areas marked 'Bahia Grass' shall be solid sodded with Paspalum.

-Provide a 2" deep blanket of planting soil as described in planting notes this sheet. Prior to planting, remove stones, sticks, etc. from the sub soil surface. Excavate existing non-conforming soil as required so that the finish grade of sod is flush with adjacent pavement or top of curb as well as adjacent sod in the case of sod patching.

-Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes.

-Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away from edge of shrub beds and 36" away from trees, measured from center of plant.

-Sod Shall be watered immediatley after installation to uniformly wet the soil to at least 2" below the bottom of the sod strips.
-Excavate and remove excess soil so top of sod is flush with top of curb or adjacent pavement or adjacent existing sod.

GENERAL NOTES:

-The Landscape Contractor is to locate and verify all underground and overhead utilities prior to beginning work. Contact proper utility companies and / or General Contractor prior to digging for field verification. The Owner and the Landscape Architect shall not be responsible for any damages to utility or irrigation lines (see Roadway Plans for more utility notes).

-Landscape Contractor is to verify all current drawings and check for discrepancies and bring to the attention of the Landscape Architect prior to commencing with the work.

-All unattended and unplanted tree pits are to be properly barricaded and flagged during installation.

-All planting plans are issued as directives for site layout. Any deviations, site changes, etcetera are to be brought to the attention of the Landscape Architect for clarification prior to installation.