

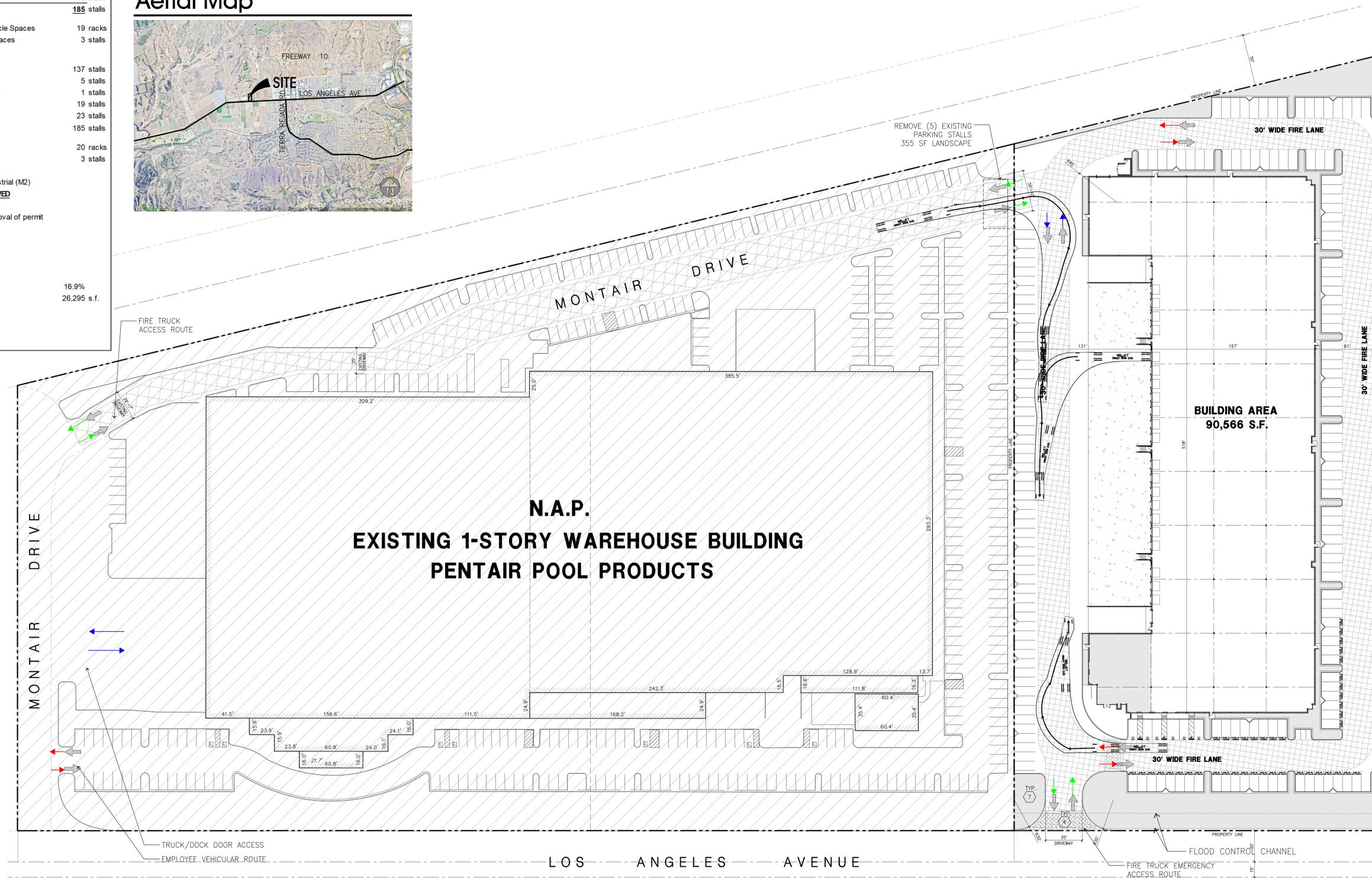
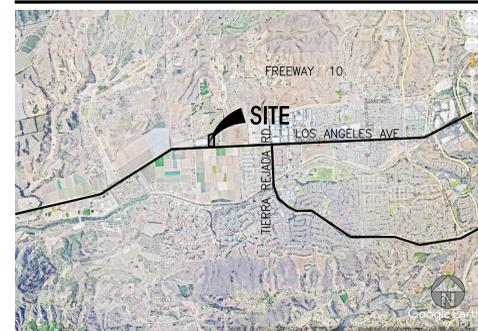
Tabulation

SITE AREA PROPOSED PROJECT	
In s.f.	246,114 s.f.
In acres	5.65 ac
PROPOSED BUILDING AREA	
Office	3,000 s.f.
Warehouse	87,566 s.f.
TOTAL	90,566 s.f.
COVERAGE	
	36.8%
PARKING REQUIRED	
Office: 1/300 s.f.	10 stalls
Whse: 1/500 s.f.	175 stalls
TOTAL	185 stalls
Bicycle: 1 Bike Rack per 10 Vehicle Spaces	19 racks
Motorycle: 3 per 100 required spaces	3 stalls
PARKING PROVIDED	
Standard (9' x 20')	137 stalls
Accessible Parking (9' x 18')	5 stalls
Accessible Van Parking (12' x 19')	1 stalls
EV Parking	19 stalls
Clean Air / Van Pool	23 stalls
TOTAL	185 stalls
Bicycle racks	20 racks
Motorycle	3 stalls
ZONING ORDINANCE FOR CITY	
Zoning Designation - Limited Industrial (M2)	
MAXIMUM BUILDING HEIGHT ALLOWED	
Height - 30'	
May be increased to max 60' w/ approval of permit	
MAXIMUM FLOOR AREA RATIO	
FAR - 0.38	
LANDSCAPE REQUIREMENT	
Percentage - 10 % of parking	
LANDSCAPE PROVIDED	
Percentage -	16.9%
In s.f.	26,295 s.f.
SETBACKS	
Front - 20'	
Side - 5'	
Rear - 10'	

Tabulation (10951 Los Angeles Ave.)

BUILDING AREA	
TOTAL	212,980 s.f.
PARKING REMOVED	
Standard (9' x 20')	5 stalls
PARKING PROVIDED	
Standard (9' x 20')	357 stalls

Aerial Map



CIRCULATION LEGEND

- TRUCKS ONLY →
- AUTOS ONLY →
- AUTOS/TRUCKS →

(1) (10) BIKE RACKS - PER MMC 17.32.020 1 PER 10 VEHICLE SPACES
 VEHICLE SPACES PROVIDED: 185/10 = 19 BIKE RACKS REQUIRED
 20 BIKE RACKS PROVIDED

OVERALL SITE PLAN A



CAUTION : IF THIS SHEET IS NOT A 30" X 42" IT IS A REDUCED PRINT



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Developer



Project:

WEST
 LOS ANGELES
 AVENE

Moorpark, CA

Consultants:

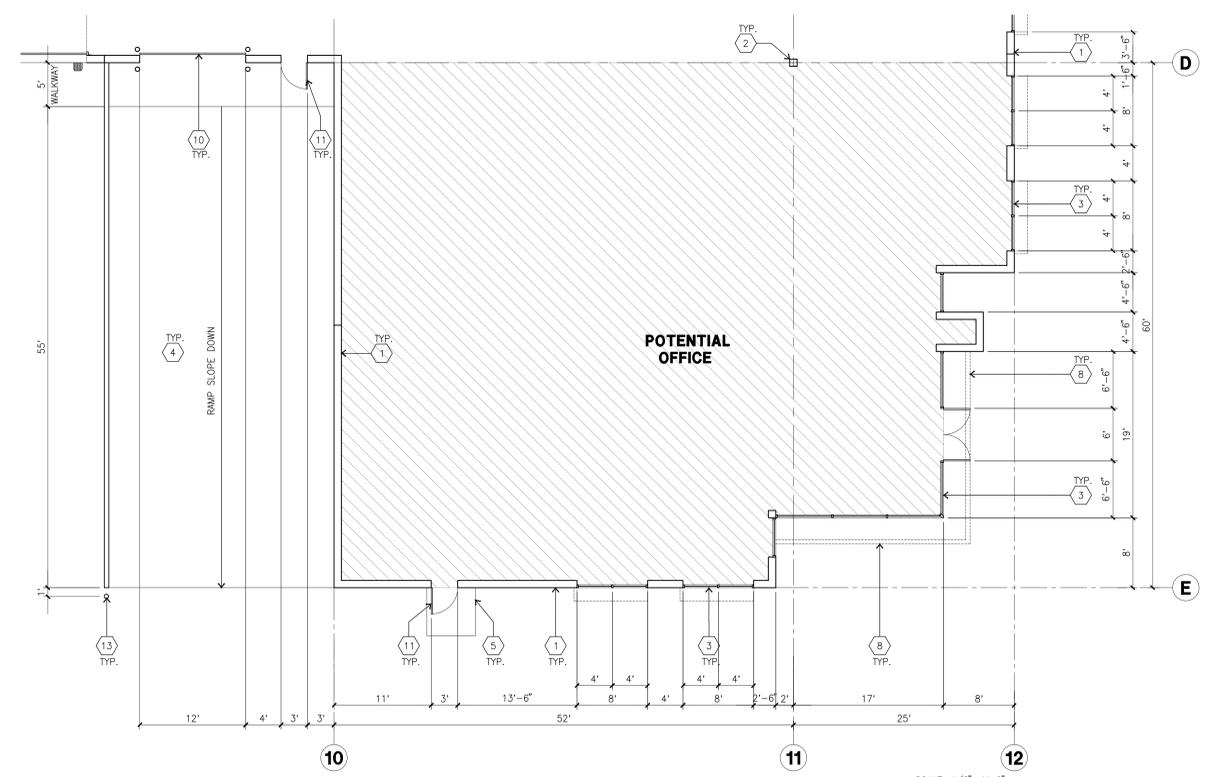
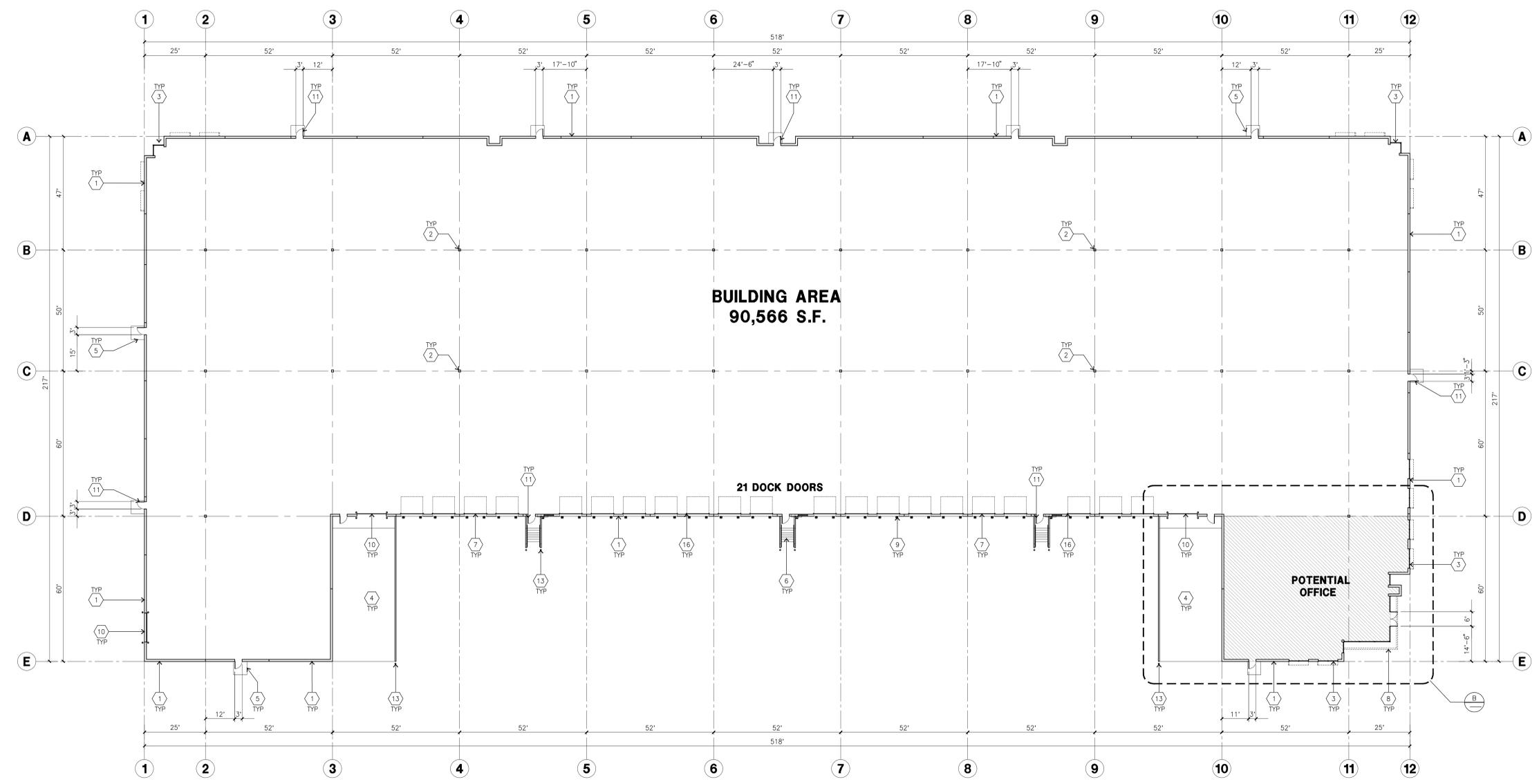
- Civil:
- Structural:
- Mechanical:
- Plumbing:
- Electrical:
- Landscape:
- Fire Protection:
- Soils Engineer:

Title: OVERALL SITE PLAN

Project Number: 21509
 Drawn by: MW
 Date: 01/28/22
 Revision:

Sheet:

DAB-A1.0



FLOOR PLAN KEYNOTES

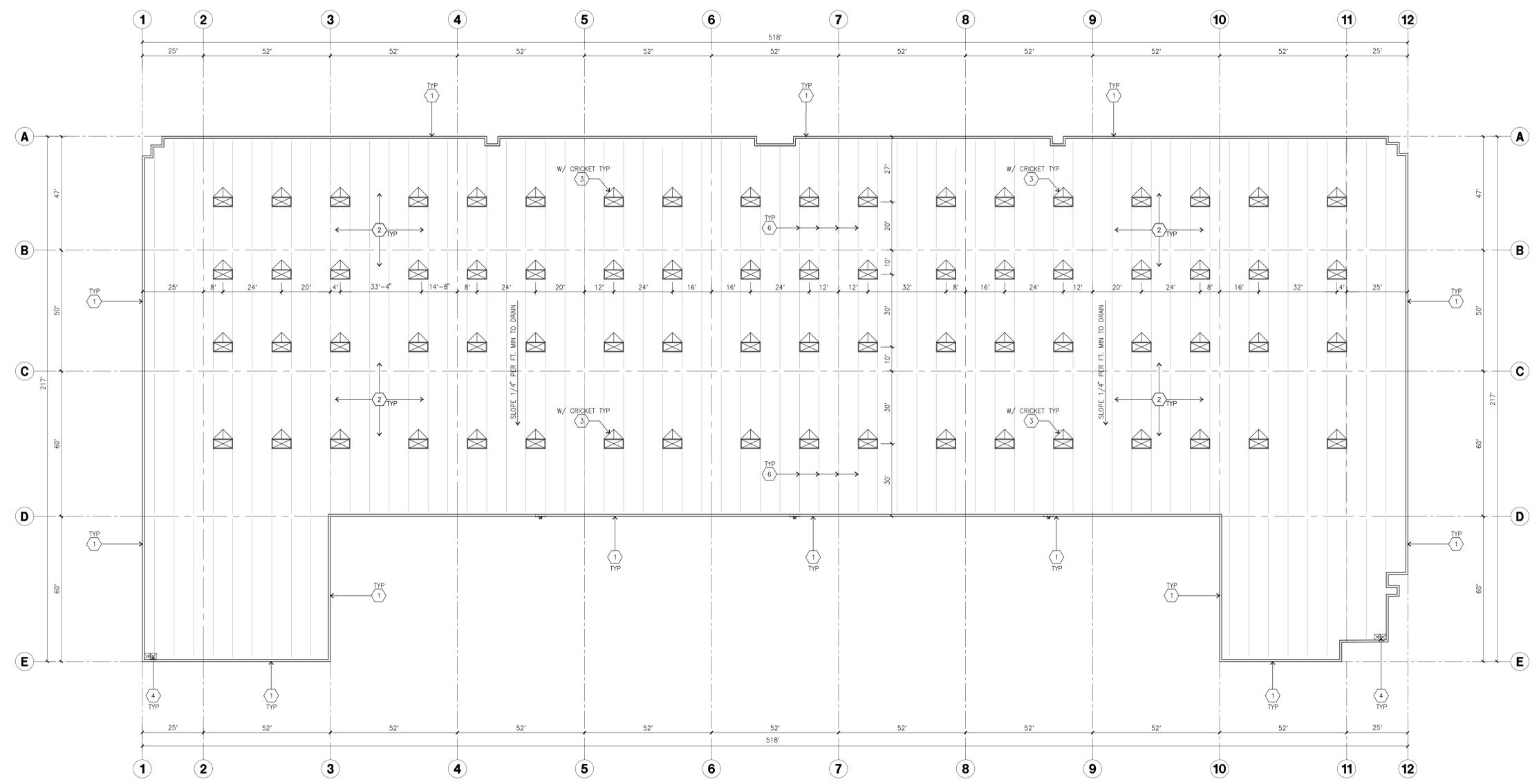
- 1 CONCRETE TILT-UP PANEL
- 2 STRUCTURAL STEEL COLUMN
- 3 TYPICAL STOREFRONT SYSTEM WITH GLAZING. SEE OFFICE BLOW-UP AND ELEVATIONS FOR SIZE, COLOR AND LOCATIONS
- 4 CONCRETE RAMP W/ 42" HIGH CONC TILT-UP GUARD WALL OR BUILDING WALL ON BOTH SIDE OF RAMP
- 5 5'-6" X 5'-6" X 4" THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH. PROVIDE WALK TO PUBLIC WAY OR DRIVE WAY AS REQ. BY CITY INSPECTOR
- 6 EXTERIOR CONCRETE STAIR W/ 42" HIGH CONC TILT-UP GUARD WALL OR BUILDING WALL ON BOTH SIDE OF RAMP
- 7 9' X 10' TRUCK DOOR, SECTIONAL O.H., STANDARD GRADE
- 8 METAL CANOPY ABOVE
- 9 DOCK DOOR BUMPER, TYPICAL
- 10 12' X 14' DRIVE THRU. SECTIONAL O.H., STANDARD GRADE
- 11 3' X 7' HOLLOW METAL EXTERIOR MAN DOOR
- 12 SOFFIT LINE ABOVE
- 13 CONC. FILLED GUARD POST. 6" DIA. U.N.O.. 42"
- 14 NOT USED
- 15 PRE-CAST CONCRETE WHEEL STOP
- 16 Z GUARD

FLOOR PLAN GENERAL NOTES

1. THIS BUILDING IS DESIGNED FOR HIGH PILE STORAGE WITH FIRE ACCESS MAN DOORS AT 100' MAXIMUM O.C. A SEPARATE PERMIT WILL BE REQUIRED FOR ANY RACKING/CONVEYER SYSTEMS.
2. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT.
3. SEE "C" DRAWINGS FOR FINISH SURFACE ELEVATIONS.
4. WAREHOUSE INTERIOR CONCRETE WALLS ARE PAINTED WHITE. COLUMNS ARE TO RECEIVE PRIMER ONLY. ALL GYP. BD. WALLS IN WAREHOUSE TO RECEIVE 1 COAT OF WHITE TO COVER.
5. SLOPE POUR STRIP 1/2" TO EXTERIOR AT ALL MANDOR EXITS. SEE "S" DRAWINGS FOR POUR STRIP LOCATION.
6. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.
7. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR TO VERIFY ACTUAL UTILITY LOCATIONS. PLUMBING/ELECTRICAL COORDINATION.
8. FOR DOOR TYPES AND SIZES, SEE DETAIL SHEET --. NOTE: ALL DOORS PER DOOR SCHEDULE ARE FINISH OPENINGS.
9. CONTRACTOR TO PROTECT AND KEEP THE FLOOR SLAB CLEAN. ALL EQUIPMENT TO BE DIAPERED INCLUDING CARS AND TRUCKS.
10. ALL EXIT MAN DOORS IN WAREHOUSE TO HAVE ILLUMINATED EXIT SIGN HARDWARE.
11. HIGHLY FLAMMABLE AND COMBUSTIBLE MATERIAL SHALL NOT BE USED OR STORED IN THIS BUILDING.
12. EACH EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT". THE MOUNTING HEIGHT FOR SUCH SIGNAGE SHALL BE 60" FROM FINISH FLOOR LEVEL TO THE CENTER OF THE SIGN.
13. NON-ACCESSIBLE DOOR. PROVIDE WARNING SIGN LOCATED IN THE INTERIOR SIDE PER CBC 11338.1.1.1
14. ALL ROOF MOUNTED MATERIALS SHALL BE FULLY SCREENED FROM PUBLIC VIEW, SEE A/A4.1 OFFICE SECTION.

FLOOR SLAB & POUR STRIPS REQ.

- THESE NOTES ARE VERY MIN. REQUIREMENT. SEE "S" DWGS FOR ADDITIONAL REQUIREMENTS
1. FLOOR COMPACTION - 95%
 2. TRENCH COMPACTION - 90%
 3. BUILDING FLOOR SLAB:
 - A. 6" THICK MIN. UN-REINFORCED CONCRETE OVER COMPACTED SOILS
 - B. 3/4" - 16" LONG @ 12" O.C. DOWELS AT ALL CONSTRUCTION JOINTS
 - C. 3/4" - 16" LONG @ 24" O.C. DOWELS IN DOWEL BASKET AT ALL CONTROL JOINTS.
 - D. 4,000 P.S.I. REQUIREMENT.
 - E. SLUMP TO BE 4" +/- 1"
 - F. JOINT SPACING PER A.C.I. 302-IR-96
 - G. SAW-CUT DEPTH 1/4 T; SOFT SAW-CUTTING WITHIN 2 HRS OF FINISHING.
 4. CONTRACTOR TO BUILD FOR CLASS V FLOOR PER A.C.I. 302-IR-96
 5. CONCRETE SLAB TO HAVE STEEL FLOAT HARD TROWEL BURNISHED FINISH. CONTRACTOR TO CURE SLAB TO BE WET CURING USING BURLINE FOR 7 DAYS MIN.
 6. ALL EQUIPMENT & MOVING VEHICLES SHALL BE DIAPERED.
 7. NO CRANES, CONCRETE TRUCKS, OR ANYTHING HEAVIER WILL BE PLACED ON THE SLAB.
 8. SLAB TO BE FF50 FL35 MEASURED WITHIN 24 HOURS.
 9. NO FLY ASH IN THE CONCRETE
 10. WHERE INDICATED, PROVIDE VAPOR BARRIER (15ML STEGO OR EQUAL) UNDER THE CONCRETE SLAB. PROVIDE SAND PER SOILS ENGINEER OR MANUFACTURER'S RECOMMENDATION.
 11. CONCRETE SLAB IN FUTURE OFFICE AREAS, WHERE SAND OVER VISQUEEN ARE REQUIRED, SHALL BE NATURALLY HYDRATED WITHOUT USE OF BURLINE, CURING COMPOUND, OR RELEASE AGENTS. CONTROL/CONSTRUCTION JOINTS SHALL NOT BE FILLED WITH MM-80 JOINT FILLER IN FUTURE OFFICE AREAS.
 12. SEAL CONCRETE SLAB W/ "UPIDOLITH" SEALER



OVERALL ROOF PLAN
scale: 1" = 20'-0"
0 20' 40' 60'
TRUE NORTH

ROOF PLAN GENERAL NOTES

- A. ALL DIMENSIONS ARE TO FACE OF CONCRETE WALL, GRIDLINE, OR FACE OF STUD, (U.N.O.)
- B. VERIFY THAT ALL ROOF AREAS HAVE POSITIVE DRAINAGE (1/4" FT.) PRIOR TO ROOF INSULATION INSTALLATION.
- C. REFER TO "S" DRAWINGS FOR ROOF HEIGHT ELEVATIONS IN REGARDS TO ROOF DRAINAGE.
- D. CONTRACTOR TO VERIFY AND COORDINATE WITH ALL SUBCONTRACTORS, ALL LOCATIONS AND SIZES OF ROOF OPENINGS.
- E. FOR TYP. ROOF PENETRATIONS, SEE DETAIL 6, 9, 10/AD.3 CONTRACTOR TO VERIFY ALL LOCATIONS WITH MECHANICAL AND PLUMBING DRAWINGS
- F. CONTRACTOR TO VERIFY ALL ROOF DRAIN DEPRESSIONS W/ "S" DRAWINGS.
- G. CONTRACTOR TO COORDINATE EXACT SKYLIGHT LOCATION W/ FIRE SPRINKLER AND ROOF FRAMING SUBCONTRACTORS. LOCATIONS ON DRAWINGS ARE APPROXIMATE.
- H. ALL SKYLIGHTS TO BE DESIGNED FOR 110 M.P.H., EXPOSURE "C" W/ STRONGER FRAMES, SUPPORTS AND DOMES. MANUFACTURER TO CONFIRM IN WRITING.
- I. ROOF DRAINS AND OVERFLOW DRAINS TO BE A MIN. 8" DIA., SEE "P" DRAWINGS FOR EXACT SIZE.
- J. NOT USED
- K. PROVIDE SHAPED CRICKETS AS REQUIRED FOR PROPER ROOF DRAINAGE OF 1/4" PER FOOT (MIN).

ROOF PLAN KEYNOTES

- L. ROOFING TO BE DESIGNED FOR I 90
- M. ALL ROOFING FASTENERS SHALL MEET ALL CODE AND REGULATION REQUIREMENTS. PROPER REQUIREMENTS ARE IN PROJECTS JURISDICTION AND ALSO, FACTORY MUTUAL (FM) WIND UPLIFT PRESSURE REQUIREMENTS.
- N. WHITE SCRIM FOIL INSULATION UNDER ENTIRE ROOF DECK (ADD ALTERNATE)
- O. ROOF DRAINS, OVERFLOW DRAINS AND RAINWATER PIPING WITHIN THE INTERIOR OF THE BUILDING SHALL BE TESTED IN ACCORDANCE WITH THE PROVISIONS OF THE PLUMBING CODE FOR TESTING DRAIN, WASTE AND VENT SYSTEMS
- P. ROOF DRAINS, OVERFLOW PIPING WITHIN THE BUILDING SHALL UTILIZE APPROVED DRAINAGE FITTINGS.

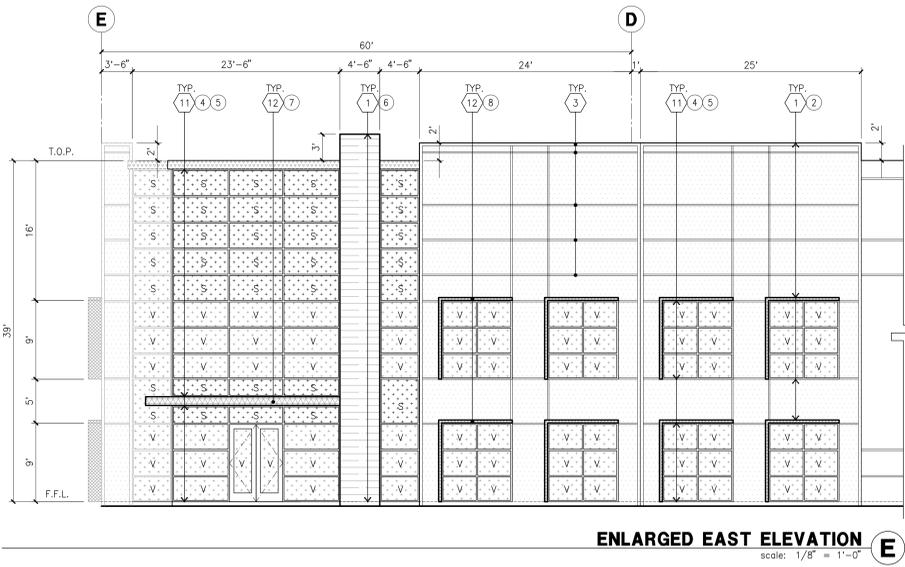
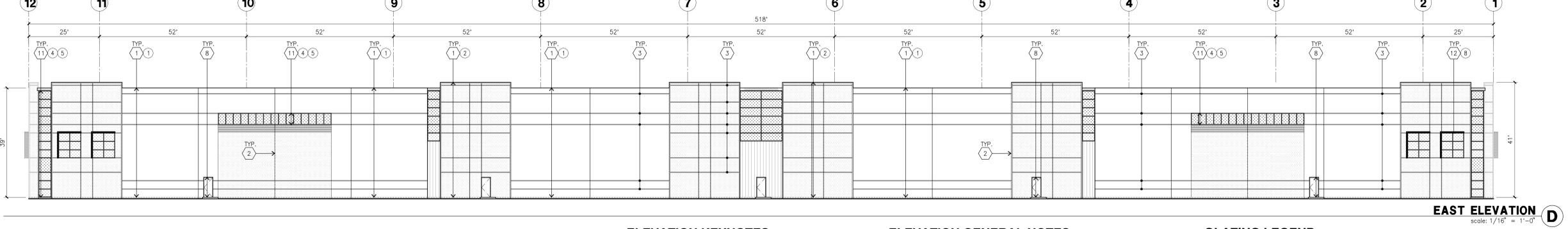
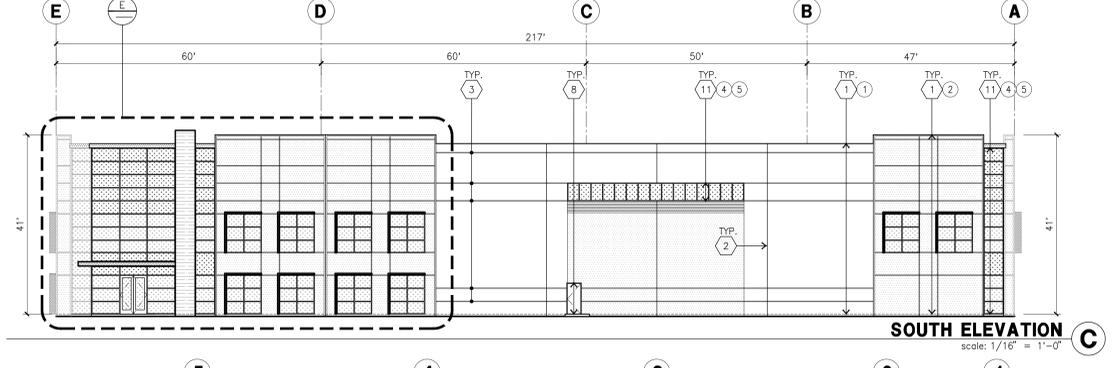
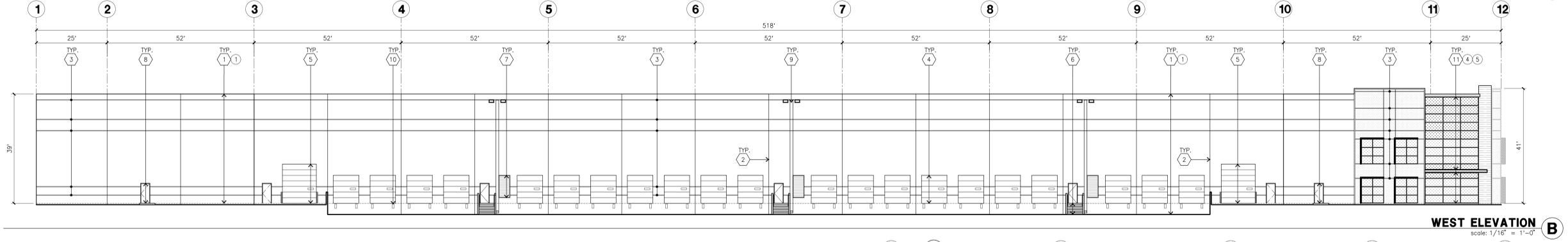
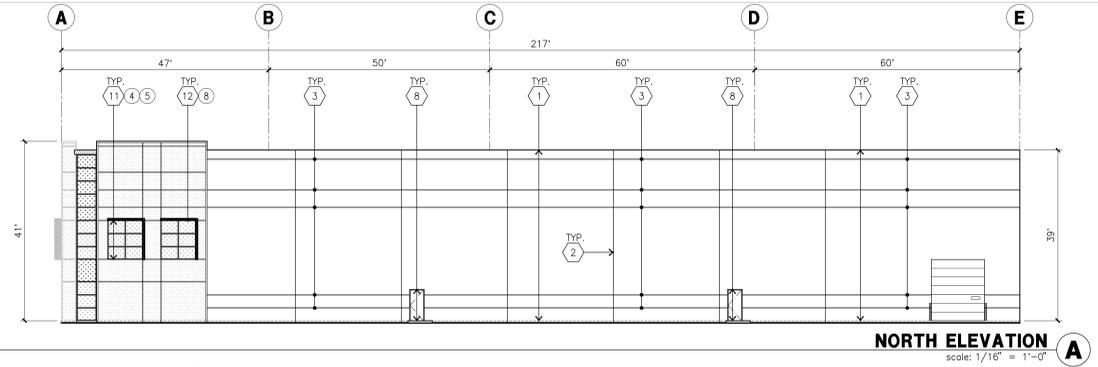
ROOF LEGEND

- 1 CONCRETE PARAPET.
- 2 4-PLY BUILT-UP ROOFING.
- 3 4' X 8' SKYLIGHT.
- 4 INTERIOR ROOF DRAIN WITH OVERFLOW SCUPPERS.
- 5 APPROXIMATE LOCATION OF ROOF TOP UNIT.
- 6 STRUCTURAL JOIST.

SKYLIGHT CALCULATION

REQUIRED
BUILDING FOOTPRINT = 90,566 S.F.
SKYLIGHTS REQUIRED = 2.5 % = 2,264 S.F. (71 EA.)

PROVIDED
SKYLIGHTS PROVIDED = 2.5 % = 2,304 S.F. (72 EA.)
SKYLIGHT MODEL MANUFACTURED BY BRISTOLITE DAYLIGHTING SYSTEM
MODEL # T4896-SS-CM-1-HS1 OR EQUAL
ICC-ESR-2415



ELEVATION KEYNOTES

- 1 CONCRETE TILT-UP PANEL.
- 2 PANEL JOINT.
- 3 PANEL REVEAL. ALL REVEALS TO HAVE A MAX. OF 3/8" CHAMFER. REVEAL COLOR TO MATCH ADJACENT BUILDING FIELD COLOR. U.N.O.
- 4 12' X 14' OVERHEAD DOOR @ DRIVE THRU. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
- 5 8' X 10' OVERHEAD DOOR @ DRIVE THRU. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
- 6 CONCRETE STAIR, LANDING AND GUARDRAIL W/ METAL PIPE HANDRAIL. PROVIDE NON SKID NOSING TO MEET ADA REQUIREMENTS. PROVIDE CONTRASTING COLORED 3" WIDE WARNING STRIPE INTEGRAL TO CONCRETE AT TOP LANDING AND BOTTOM TREAD PER ADA REQUIREMENTS.
- 7 METAL LOUVER OPENING FOR VENTILATION. PAINT TO MATCH BUILDING COLOR.
- 8 HOLLOW METAL DOORS. PROVIDE COMPLETE WEATHER STRIPPING ALL AROUND DOOR.
- 9 EXTERIOR DOWN SPOUTS W/ 2 OVERFLOW SCUPPERS.
- 10 DOCK DOOR BUMPER TYPICAL.
- 11 ALUMINUM STOREFRONT FRAMING WITH TEMPERED GLAZING AT ALL DOORS. SIDELITES ADJACENT TO DOORS AND GLAZING WITH BOTTOMS LESS THAN 18" ABOVE FINISH FLOOR ELEVATION.
- 12 METAL CANOPY.
- 13 NOT USED
- 14 INTERIOR ROOF DRAIN W/ 2 OVERFLOW SCUPPERS.
- 15 CONC. FILLED GUARD POST. 6" DIA. U.N.O.. 42"H.
- 16 ROOF LINE BEYOND
- 17 EXTERIOR LIGHTING FIXTURE

ELEVATION GENERAL NOTES

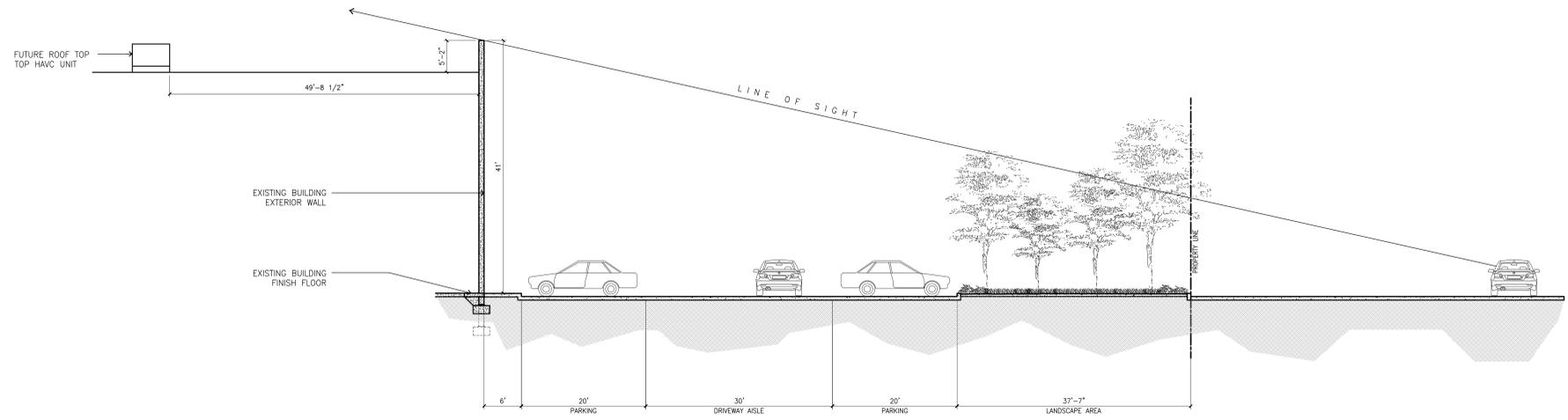
1. ALL PAINT COLOR CHANGES TO OCCUR AT INSIDE CORNERS UNLESS NOTED OTHERWISE.
2. ALL PAINT FINISHES ARE TO BE FLAT UNLESS NOTED OTHERWISE.
3. T.O.P. EL = TOP OF PARAPET ELEVATION.
4. F.F. = FINISH FLOOR ELEVATION.
5. STOREFRONT CONSTRUCTION: GLASS, METAL ATTACHMENTS AND LINTELS SHALL BE DESIGNED TO RESIST - MPH. EXPOSURE "C" WINDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
6. CONTRACTOR SHALL FULLY PAINT ONE CONCRETE PANEL W/ SELECTED COLORS. ARCHITECT AND OWNER SHALL APPROVE PRIOR TO PAINTING REMAINDER OF BUILDING.
7. BACK SIDE OF PARAPETS TO HAVE SMOOTH FINISH AND BE PAINTED WITH ELASTOMERIC PAINT.
8. FOR SPANDREL GLAZING, ALLOW SPACE BEHIND SPANDREL TO BREATHE.
9. USE ADHESIVE BACK WOOD STRIPS FOR ALL REVEAL FORMS.
10. THE FIRST COAT OF PAINT TO BE ROLLED-ON AND THE SECOND COAT TO BE SPRAYED-ON

ELEVATION COLOR LEGEND/SCHED.

- 1 CONCRETE TILT-UP PANEL. COLOR : SHERWIN WILLIAMS SW 7005 PURE WHITE
- 2 CONCRETE TILT-UP PANEL. COLOR : SHERWIN WILLIAMS SW 7071 GRAY SCREEN
- 3 CONCRETE TILT-UP PANEL. COLOR : SHERWIN WILLIAMS SW 7073 NETWORK GRAY
- 4 MULLIONS COLOR : ALUMINUM BLACK ANODIZED
- 5 GLAZING COLOR : BLUE REFLECTIVE GLAZING
- 6 WOOD SIDING : NICHHA VINTAGEWOOD FIBER CEMENT SPRUCE
- 7 BEAM METAL CANOPY: SHERWIN WILLIAMS PRO-INDUSTRIAL, WATER BASED PRO-INDUSTRIAL, WATERBASED 853-1150 SEMI-GLOSS SW 7005 PURE WHITE
- 8 METAL L-FRAME SURROUND CANOPY: SHERWIN WILLIAMS PRO-INDUSTRIAL, WATER BASED PRO-INDUSTRIAL, WATERBASED 853-1150 SEMI-GLOSS SW 7005 PURE WHITE

GLAZING LEGEND

- NOTE: ALL EXTERIOR AND INTERIOR GLAZING SHALL BE TEMPERED.
- ALL GLAZING TO BE TEMPERED
- GLAZING : PPG SOLARCOOL (2) PACIFICA + SOLARBAN 60 (3) CLEAR
U: 0.29, SHGC: 0.1, VLT: 5%
1" INSULATED GLASS UNIT WITH 1/2" AIRSPACE AND (2) 1/4" LITES
- SPANDREL : 1/4" SOLARCOOL PACIFICA SPANDREL W/ HARMONY BLUE OPACICOAT PAINTED ON REFLECTIVE.
- MULLIONS: ANODIZED CLEAR



CROSS SECTION STUDY A
 scale: 1/10" = 1'-0"



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 #100 Irvine, ca
 92612
 tel: 949-863-1770
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Developer



Project:

WEST
 LOS ANGELES
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Moorpark, CA

Consultants:

- Civil:
- Structural:
- Mechanical:
- Plumbing:
- Electrical:
- Landscape:
- Fire Protection:
- Soils Engineer:

Title: SITE SECTION

Project Number: 21509
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BUILDERS | DEVELOPERS

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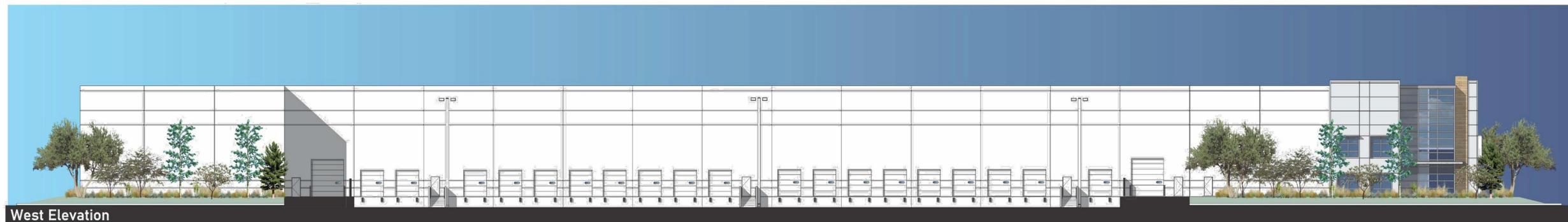
North Elevation



East Elevation



Los Angeles Avenue Elevation - South Elevation



West Elevation



SOUTHEAST CORNER
scale: N.T.S. **A**



SOUTHWEST CORNER
scale: N.T.S. **B**



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Project:

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SOUTHEAST CORNER
scale: N.T.S. **A**



SOUTHWEST CORNER
scale: N.T.S. **B**



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Developer



Project:

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Moorpark, CA

Consultants:

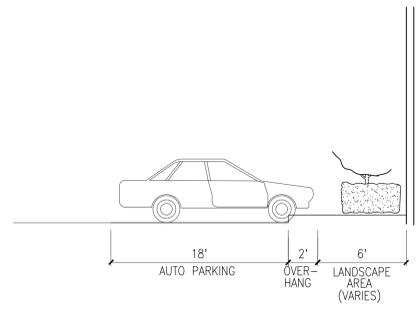
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- Structural:
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- Plumbing:
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- Soils Engineer:

Title: Renderings

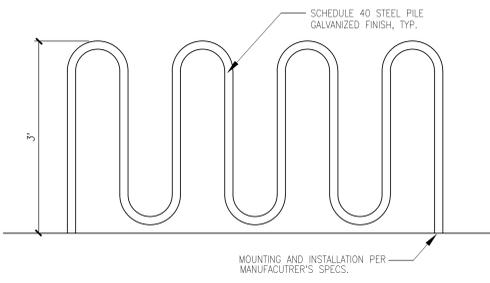
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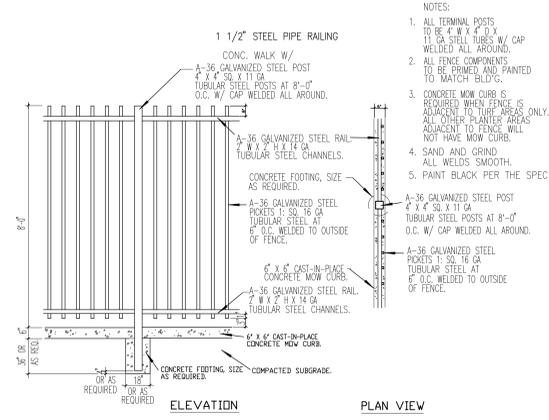


TYPICAL PARKING SECTION D
scale: N.T.S.

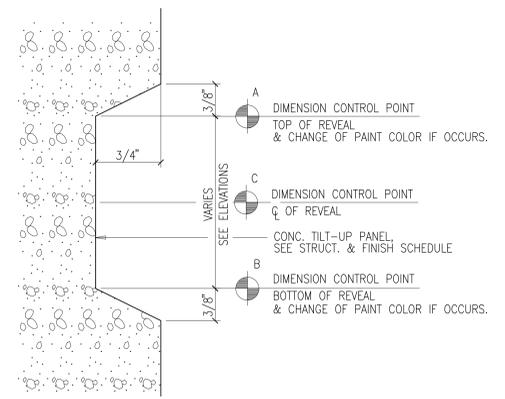


NOTE: TIMBERFORM CYCLOOPS MANUFACTURED BY COLOMBIA CASCADE CO., PORTLAND, OREGON. (800) 547-1940, (503) 223-1157 MODEL NUMBER: 2170-7

BIKE RACK DETAIL E
scale: N.T.S.

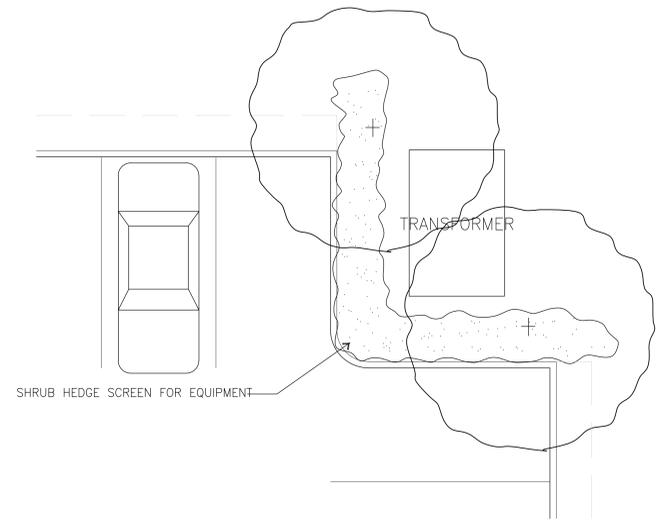


METAL FENCE DETAIL F
scale: N.T.S.

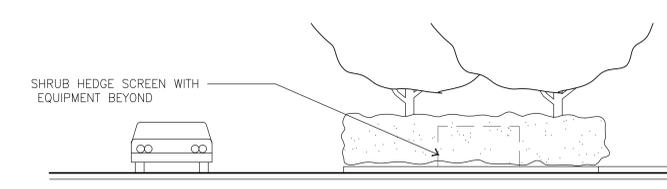


NOTES:
1. DIMENSION CONTROL POINTS AT REVEALS AND EDGE OF CONCRETE OPENINGS WHERE OCCUR. SEE WALL SECTIONS.
2. PAINT COLOR CHANGES TO ALWAYS OCCUR AT CONTROL POINT "A" OR "B"

TYP. CONCRETE REVEAL B
scale: N.T.S.

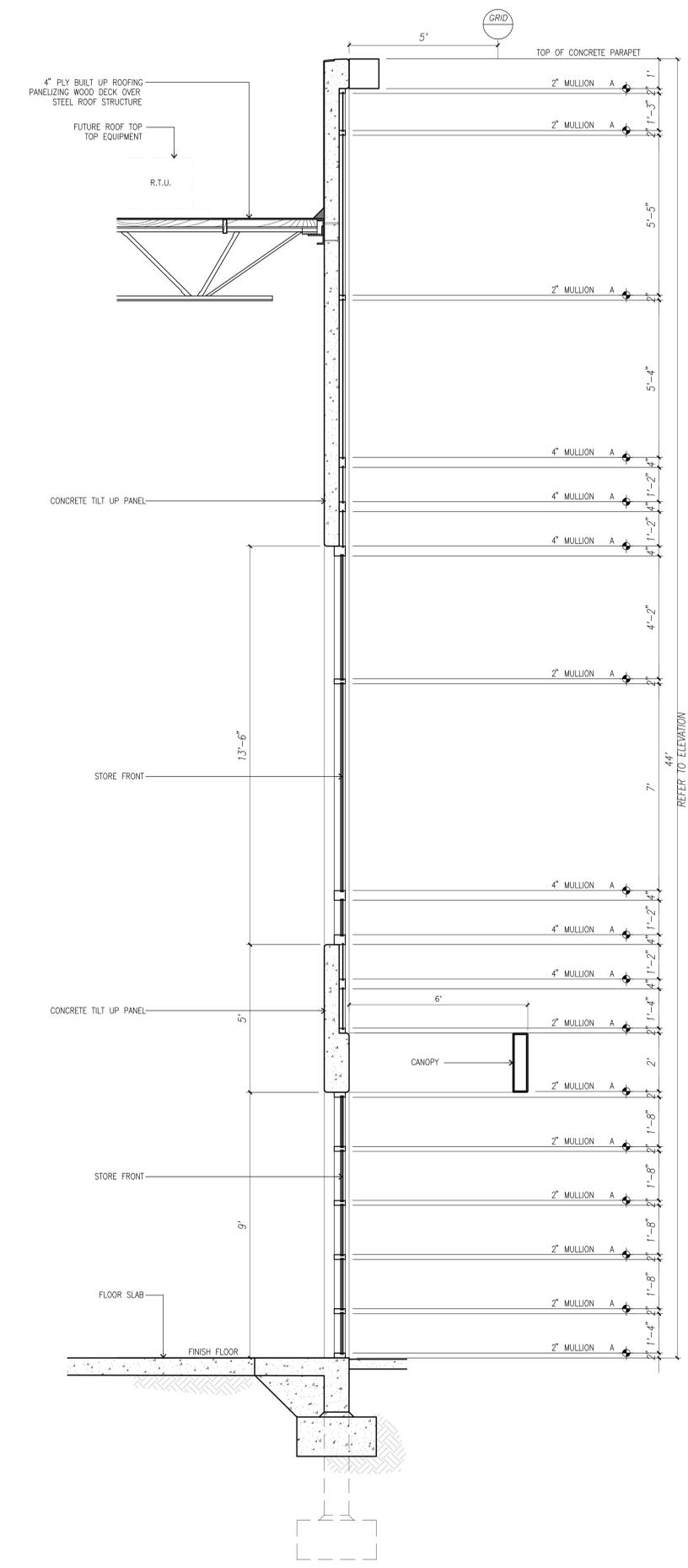


PLAN VIEW



ELEVATION

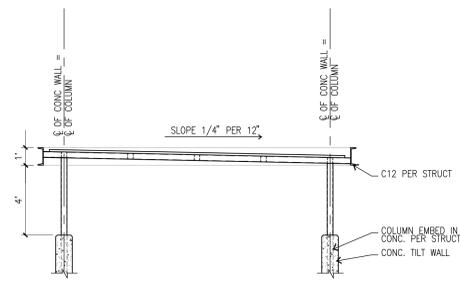
GROUND MOUNTED EQUIPMENT SCREENING TYP. C
scale: N.T.S.



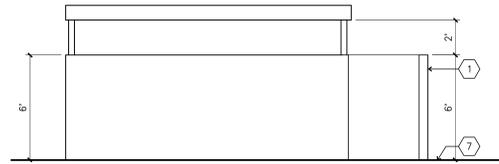
TYP. STOREFRONT ELEVATION A
scale: 1/2" = 1'-0"

KEYNOTES - TRASH ENCLOSURE

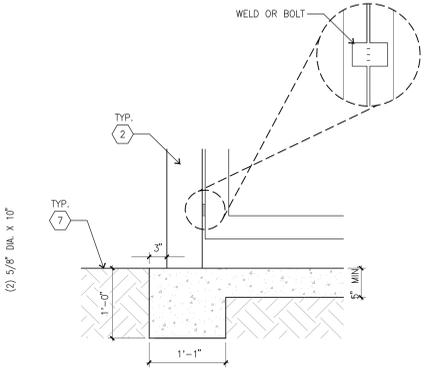
- 1 EXTERIOR COLOR AND FINISH TO MATCH BUILDING
- 2 DOUBLE SWING METAL GATES.
- 3 CONCRETE FILLED GUARD POST 6" DIA U.N.O. 42" H. SEE 9/AD.1 FOR DETAILS.
- 4 4" W X 6" H WHEEL STOPS WITH 1" BEVEL TOP CUTS, SHALL BE FROM RECYCLED MATERIALS. SECURED TO SLAB W/ 1/2" DIA ANCHOR BLOTS @ 36" O.C. MIN. TYPICAL.
- 5 6" H CONCRETE CURB.
- 6 22GA. SOLID VIEW OBSTRUCTING METAL DECORATIVE PANELS. THE PANELS NEEDS TO BE SOLID AND CAN NOT HAVE GAPS OR OPENING THAT ALLOW ANYONE TO SEE INTO THE ENCLOSURE.
- 7 FINISH SURFACE.
- 8 STEEL CANE BOLT W/ SLEEVE, LOCATED ON OUTSIDE OF ONE GATE. (TYPICAL EA. SIDE)
- 9 HEAVY DUTY STEEL HINGE. (TYPICAL EA. GATE)
- 10 HEAVY DUTY SLIDE BOLT. (TYPICAL EA. GATE)



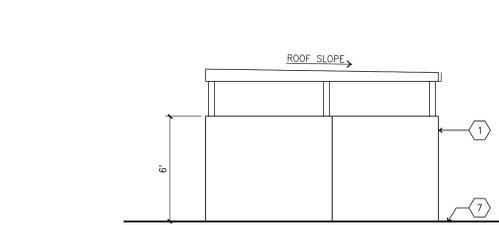
TRASH ENCLOSURE CANOPY DETAIL
scale: 1/4"=1'-0"



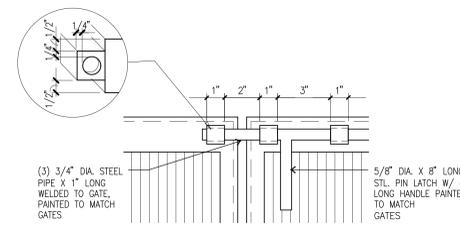
TRASH ENCLOSURE ELEVATION
scale: 1/4"=1'-0"



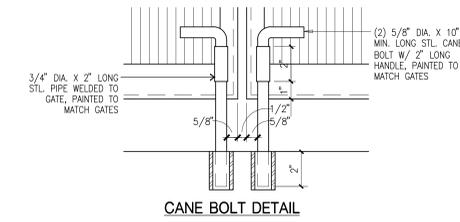
WALL FOOTING
scale: N.T.S.



TRASH ENCLOSURE ELEVATION
scale: 1/4"=1'-0"



LATCH DETAIL

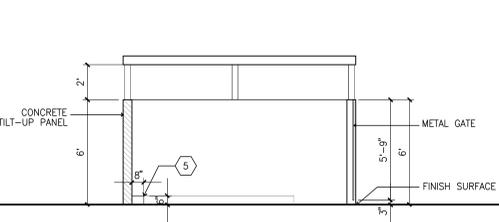


CANE BOLT DETAIL

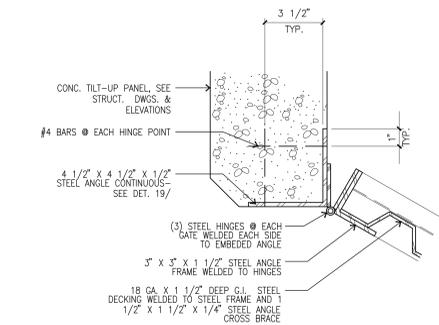
TRASH ENCLOSURE GATE LATCHES
scale: 3\"/>



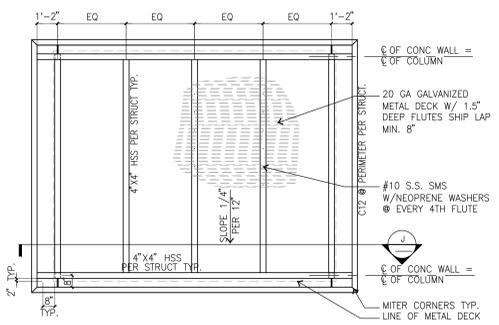
TRASH ENCLOSURE SECTION
scale: 1/4"=1'-0"



TRASH ENCLOSURE SECTION
scale: 1/4"=1'-0"

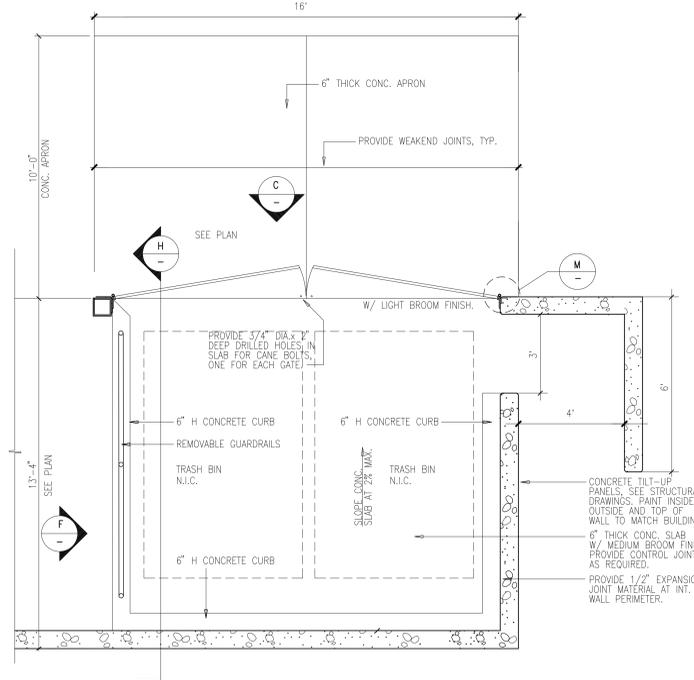


TRASH ENCLOSURE GATE AND HINGE
scale: 3\"/>

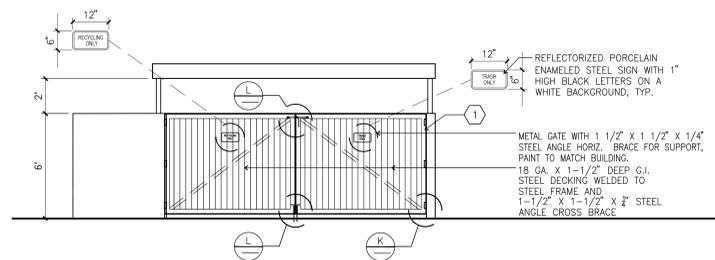


NOTE: GRIND SMOOTH ALL WELDS
PRIME AND PAINT ALL HSS TO MATCH FIELD PAINT

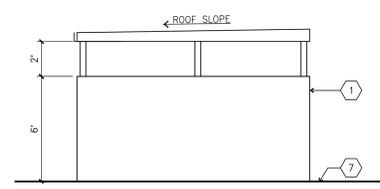
TRASH ENCLOSURE ROOF PLAN
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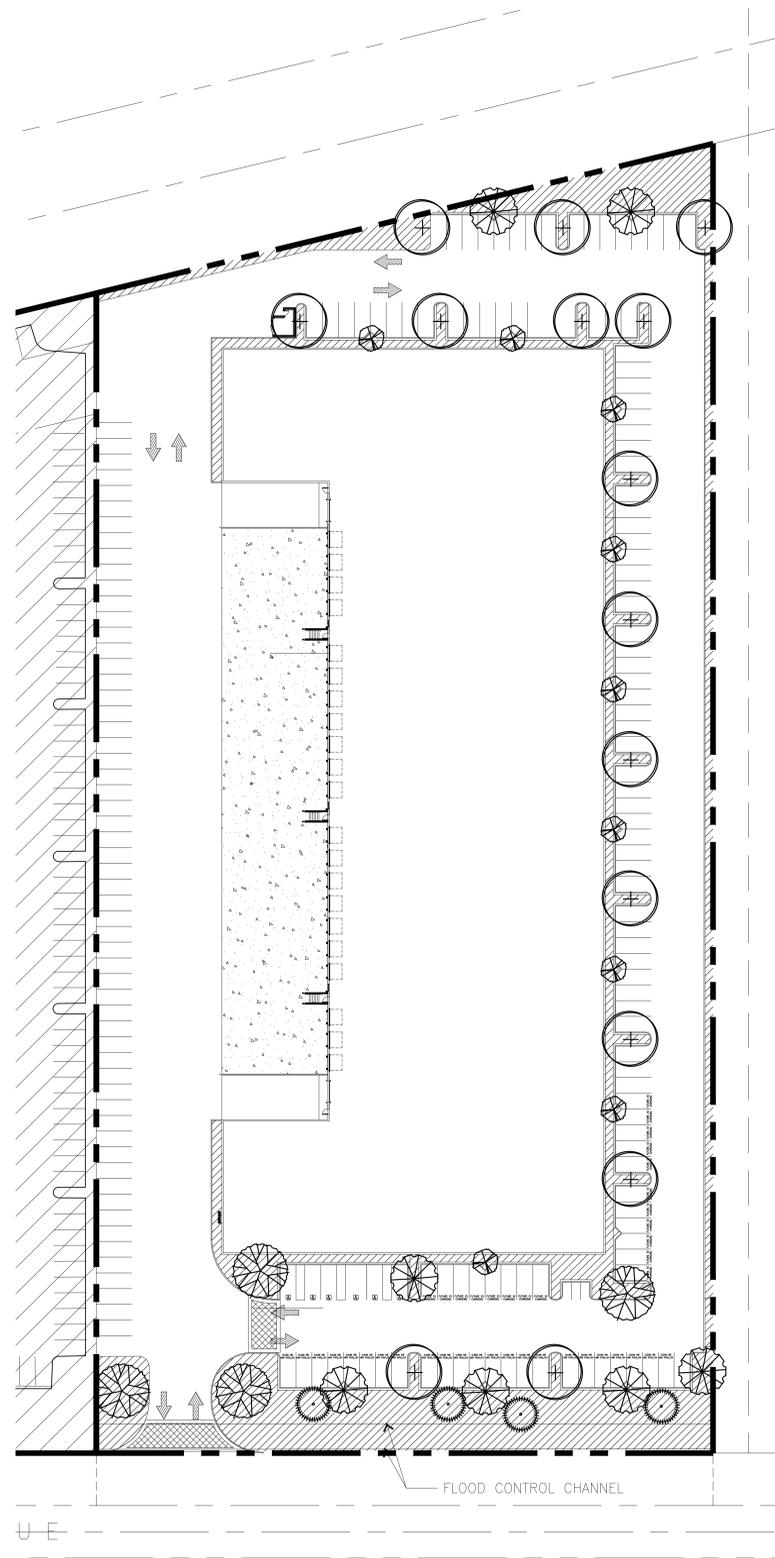
TRASH ENCLOSURE PLAN
scale: 1/4"=1'-0"



TRASH ENCLOSURE ELEVATION
scale: 1/4"=1'-0"



TRASH ENCLOSURE ELEVATION
scale: 1/4"=1'-0"



PLANTING LEGEND

SYMBOL	POTENTIAL COMMON NAME	SIZE	QTY	W/COLS	REMARKS
	Citrus Bonita	48" Box	4	L	Multi
	Citrus Lemonade	36" Box	7	L	Standard
	Citrus Orange	36" Box	15	M	Standard
	Citrus Pink	36" Box	4	L	Multi
	Citrus Sunset	36" Box	5	M	Standard

SYMBOL	POTENTIAL COMMON NAME	SIZE	QTY	W/COLS	REMARKS
	Citrus Sunset	36" Gal	214	L	
	Citrus Sunset	36" Gal	15	L	
	Citrus Sunset	15" Gal	254	L	
	Citrus Sunset	36" Gal	91	M	
	Citrus Sunset	36" Gal	449	M	
	Citrus Sunset	36" Gal	131	L	
	Citrus Sunset	36" Gal	96	L	
	Citrus Sunset	36" Gal	243	L	

SYMBOL	POTENTIAL COMMON NAME	SIZE	QTY	W/COLS	REMARKS
	Citrus Sunset	1 Gal	F.O.C.	L	
	Citrus Sunset	1 Gal	S.O.C.	L	
	Citrus Sunset	1 Gal	36" O.C.	M	
	Citrus Sunset	1 Gal	48" O.C.	L	
	Citrus Sunset	1 Gal	36" O.C.	M	



10951 Los Angeles Street

21-190
01.07.22

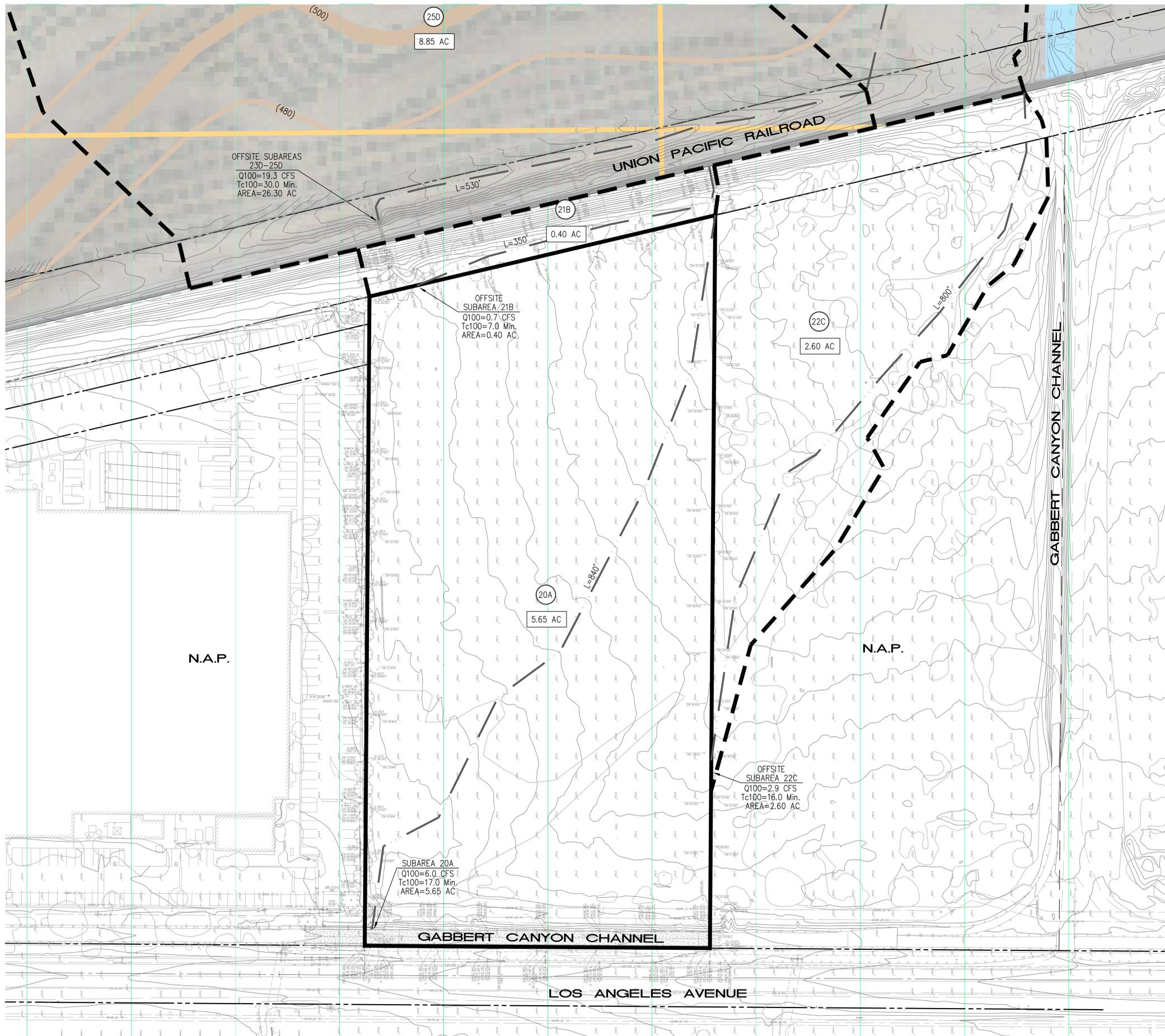
Moorpark, California



HUNTER LANDSCAPE

711 FEE ANA STREET PLACENTIA, CA 92870
714.986.2400 FAX 714.986.2408

SEE SHEET 2

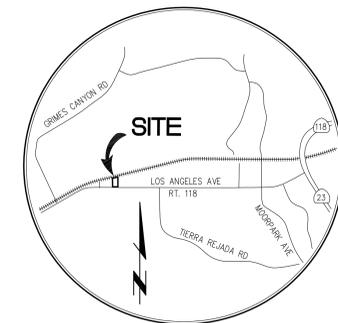


OFFSITE SUBAREAS
230-250
Q100=19.3 CFS
Tc100=30.0 Min.
AREA=26.30 AC

OFFSITE
SUBAREA 21B
Q100=0.7 CFS
Tc100=7.0 Min.
AREA=0.40 AC

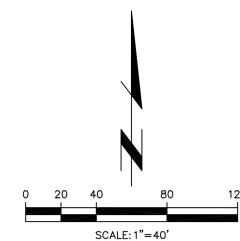
OFFSITE
SUBAREA 22C
Q100=2.9 CFS
Tc100=16.0 Min.
AREA=2.60 AC

SUBAREA 20A
Q100=6.0 CFS
Tc100=17.0 Min.
AREA=5.65 AC



VICINITY MAP
N.T.S.

LEGEND	
	PROJECT BOUNDARY
	SUBAREA BOUNDARY
	FLOW PATH
	SUBAREA AREA
	SUBAREA NUMBER



Last Update: 5/24/22
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CITY OF MOORPARK
PUBLIC WORKS DEPARTMENT

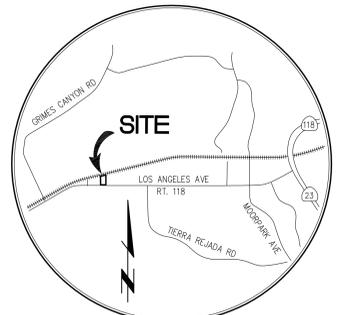
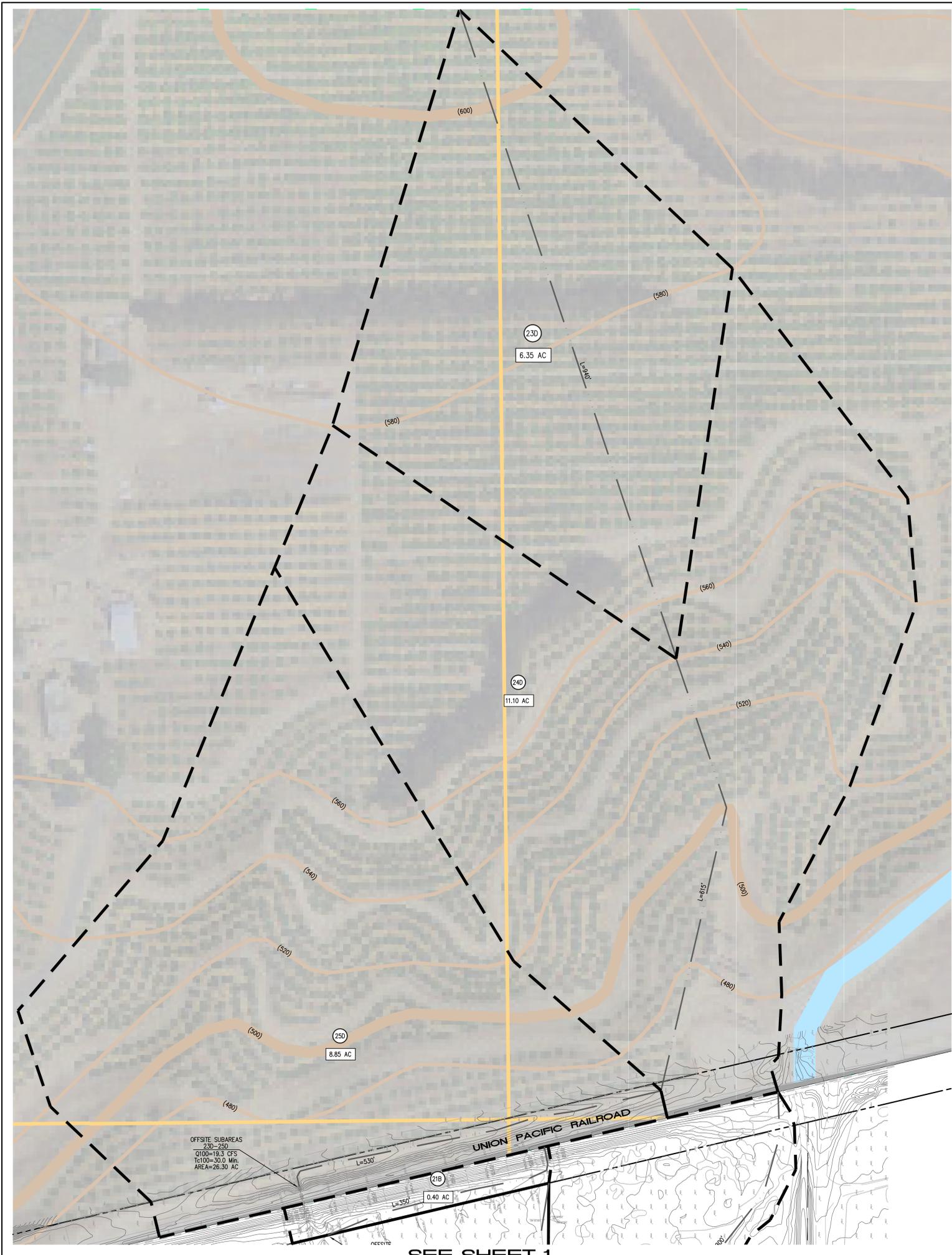
**EXISTING CONDITION
HYDROLOGY MAP**

PENTAIR
LOS ANGELES AVENUE
MOORPARK, CA

Designed by _____ Checked by _____ Date _____ Designed by _____ Checked by _____ Date _____	Approved by _____ Date _____ Public Works Director R.C.E. XXXXX
Sheet 1 of 2 Sheets	

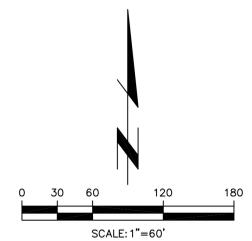
PREPARED FOR:
AMIR DEVELOPMENT CO.
ATTN: STEVEN JUHNKE
8730 WILSHIRE BLVD, SUITE 300
BEVERLY HILLS, CA 90211
PHONE: (310) 657-8887





VICINITY MAP
N.T.S.

LEGEND	
	PROJECT BOUNDARY
	SUBAREA BOUNDARY
	FLOW PATH
	SUBAREA AREA
	SUBAREA NUMBER



Last Update: 5/24/22
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CITY OF MOORPARK
PUBLIC WORKS DEPARTMENT
EXISTING CONDITION HYDROLOGY MAP
PENTAIR
LOS ANGELES AVENUE
MOORPARK, CA

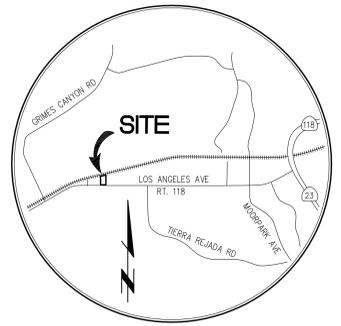
PREPARED FOR:
AMIR DEVELOPMENT CO.
ATTN: STEVEN JUHNKE
8730 WILSHIRE BLVD, SUITE 300
BEVERLY HILLS, CA 90211
PHONE: (310) 657-8887



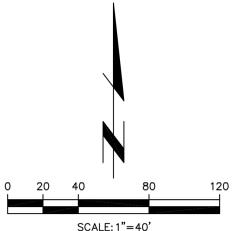
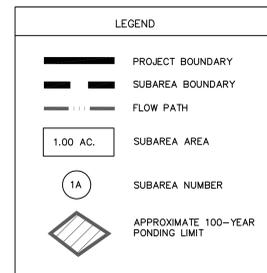
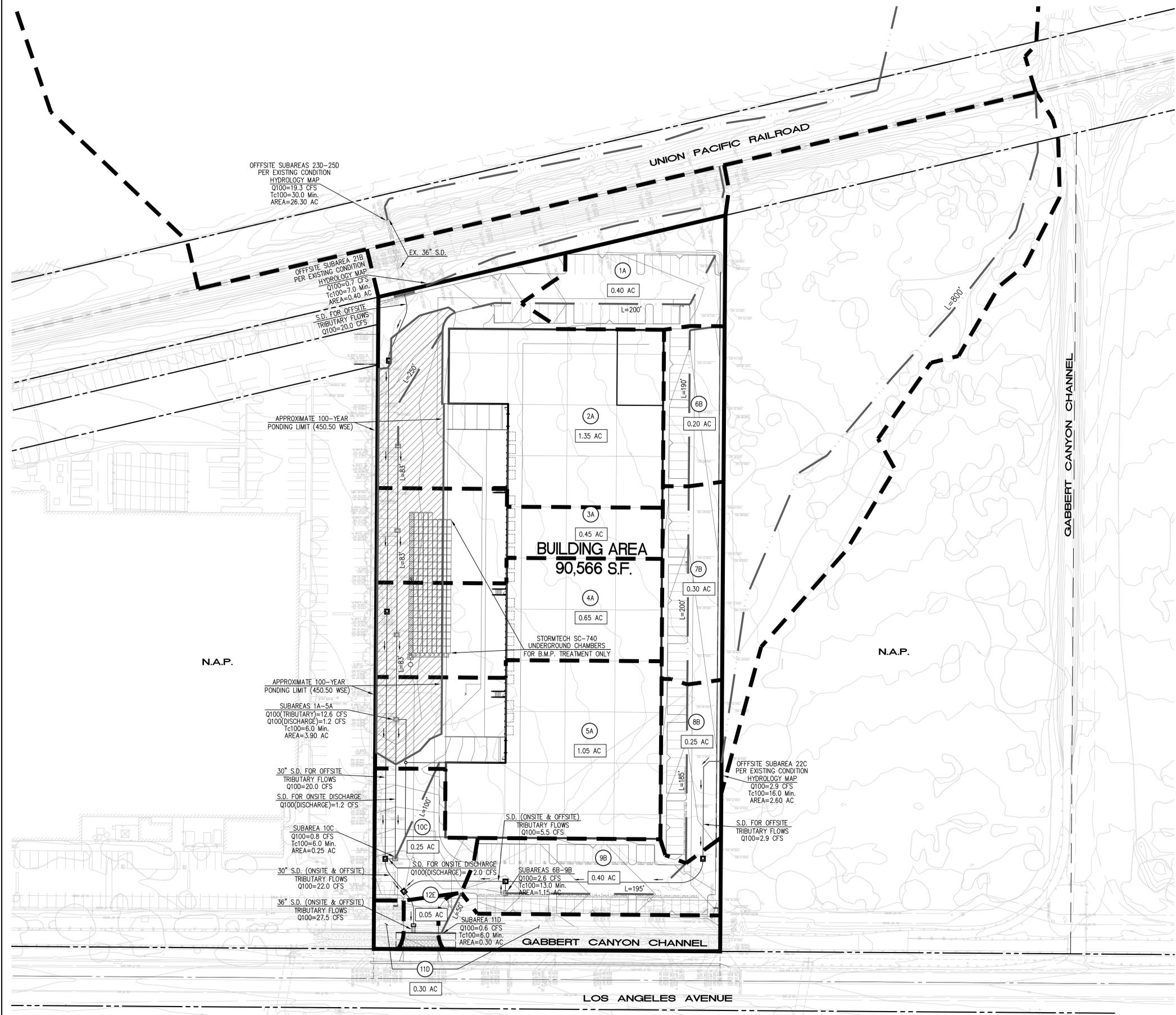
Designed by _____	Approved by _____	Date _____
Checked by _____	Public Works Director _____	R.C.E. XXXXX
Designed by _____		
Date _____		
Checked by _____		
Date _____		
Sheet 2 of 2 Sheets		

3885/2 OF 2 SHEETS

SEE EXISTING CONDITION HYDROLOGY MAP FOR TRIBUTARY OFFSITE AREAS



VICINITY MAP
N.T.S.



City of Moorpark
PUBLIC WORKS DEPARTMENT
PROPOSED CONDITION HYDROLOGY MAP
PENTAIR
LOS ANGELES AVENUE
MOORPARK, CA

Prepared For:
AMIR DEVELOPMENT CO.
ATTN: STEVEN JUHNKE
8730 WILSHIRE BLVD, SUITE 300
BEVERLY HILLS, CA 90211
PHONE: (310) 657-8887

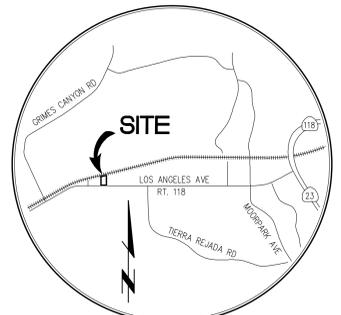
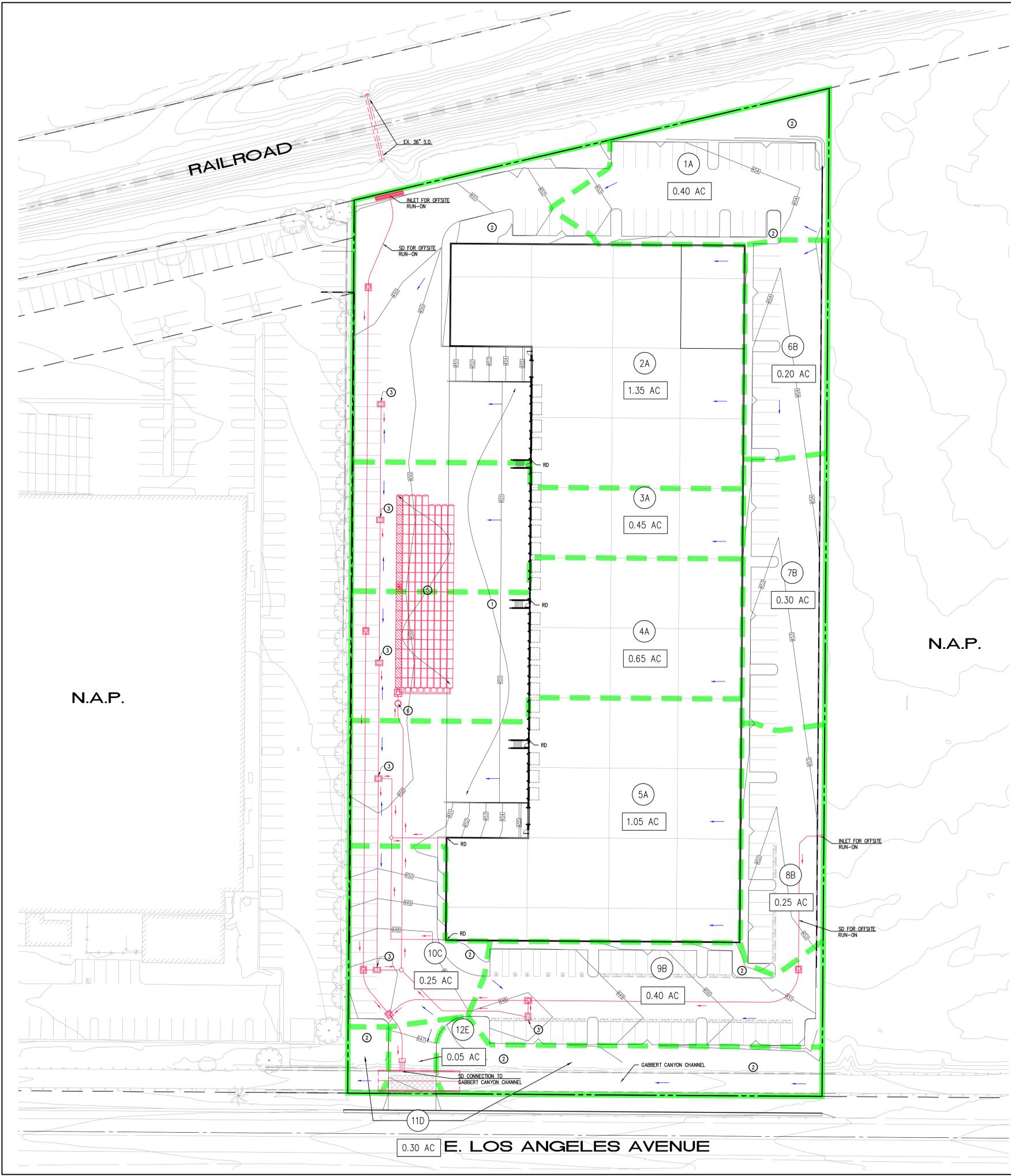
Thien Engineering, Inc.
CIVIL ENGINEERING - LAND SURVEYING
14349 FIRESTONE BOULEVARD
LA MIRADA, CALIFORNIA 90638
PH: (714) 521-4011 FAX: (714) 521-4173

Designed by _____	Approved by _____	Date _____
Checked by _____	Public Works Director _____	R.C.E. XXXXX
Designed by _____		
Checked by _____		
Date _____		

Sheet **1** of **1** Sheets

3885/1 OF 1 SHEET

Last Update: 5/24/22
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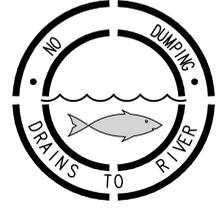
VICINITY MAP
N.T.S.

LEGEND

- 1 LOADING/UNLOADING DOCKS
- 2 LANDSCAPE/IRRIGATION
- 3 STORM DRAIN STENCIL: "NO DUMPING-DRAINS TO RIVER"
- 4 TRASH ENCLOSURE
- 5 STORMTECH SC-740 CHAMBERS FOR INFILTRATION
- 6 HYDRODYNAMIC SEPARATOR (MODEL SHOWN ON PLAN)

NOTES:

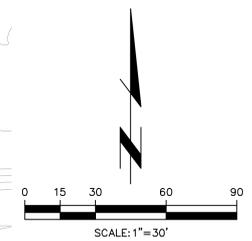
- RD ROOF DRAIN
- BOUNDARY
- DRAINAGE AREAS
- SURFACE FLOW DIRECTION
- SD FLOW DIRECTION



SAMPLE STENCIL TO BE USED NEAR GRATE AND CURB OPENING INLETS

N.A.P.

N.A.P.



Last Update: 5/24/22
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CITY OF MOORPARK
PUBLIC WORKS DEPARTMENT

LID SITE MAP

PENTAIR
LOS ANGELES AVENUE
MOORPARK, CA

DESIGNED BY: _____ CHECKED BY: _____ DATE: _____	APPROVED BY: _____ DATE: _____ PUBLIC WORKS DIRECTOR: _____ R.C.E.: _____
SHEET 1 OF 2 SHEETS	

PREPARED FOR:
AMIR DEVELOPMENT COMPANY
8730 WILSHIRE BOULEVARD, SUITE 300
BEVERLY HILLS, CA 90211
PHONE: (310) 657-8987

PREPARED BY:
T.E.I. Thienes Engineering, Inc.
CIVIL ENGINEERING • LAND SURVEYING
14340 FIRESTONE BOULEVARD
LA BREA, CALIFORNIA 90639
PH: (714) 521-4811 FAX: (714) 521-4773

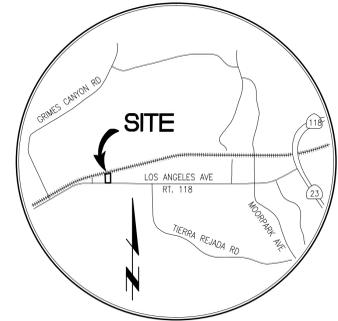
3885/1 OF 2 SHEETS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	118			

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN VENTURA COUNTY, IN MOORPARK
ON ROUTE 118

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2015

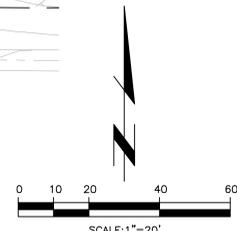
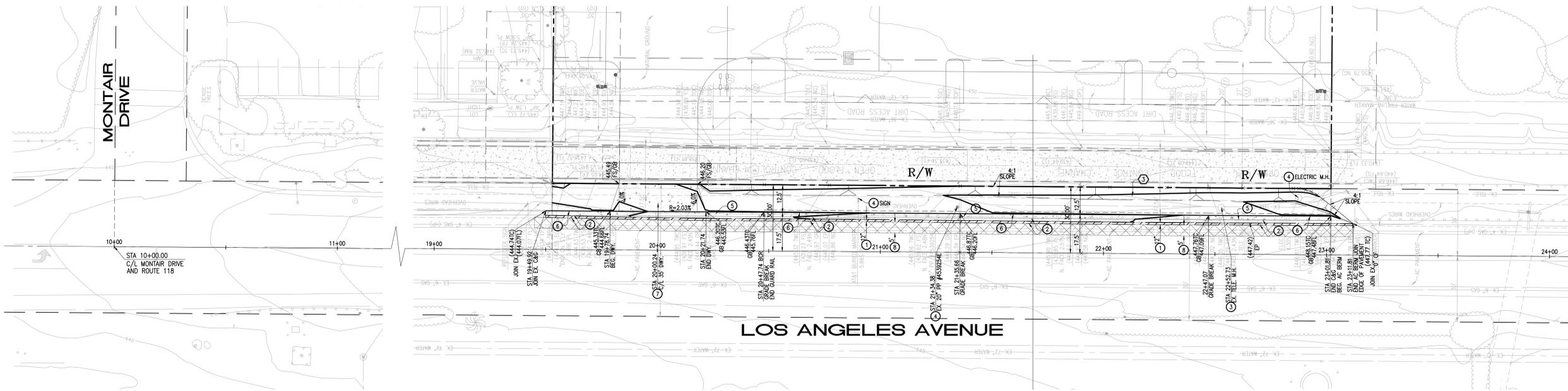
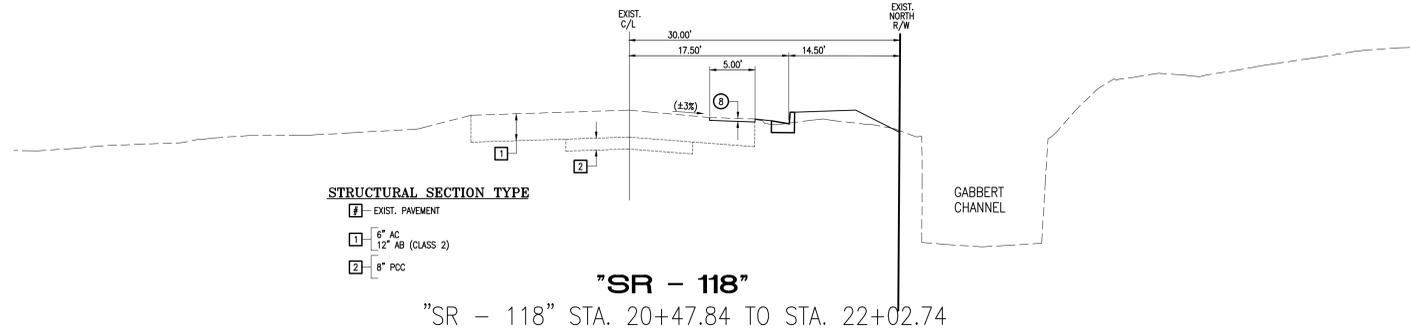


VICINITY MAP
N.T.S.

STREET CONSTRUCTION NOTES:

1	SAWCUT AND REMOVE EXISTING AC PAVEMENT	339 LF
2	INSTALL 8" HMA-A (TYPE A) OVER 22" AB (CLASS 2)	2,629 SF
3	ADJUST EXISTING TO GRADE (SEE PLAN)	1 EA
4	PRETECT EXISTING IN PLACE (SEE PLAN)	N/A
5	REMOVE EXISTING GUARD RAIL	341 LF
6	CONSTRUCT 8" CURB AND CUTTER PER S.P.P.W.C. STD. NO.	242 LF
7	CONSTRUCT MODIFIED DRIVEWAY PER S.P.P.W.C. STD. PLAN NO. 110-2, TYPE B, W=35.0', X=4.0'	711 SF
8	GRIND AND OVERLAY EXISTING AC PAVEMENT, MINIMUM DEPTH 2" (5' MIN. WIDTH OR AS DIRECTED BY INSPECTOR) SEE DETAIL ON SHEET 1	707 SF

*THE PAVEMENT SECTIONS AND COMPACTION REQUIREMENTS ARE PRELIMINARY. FINAL SECTIONS AND COMPACTION REQUIREMENTS WILL BE AS DIRECTED BY THE SOILS ENGINEER AT THE COMPLETION OF THE ROUGH GRADING OPERATION AND UPON COMPLETION OF R-VALUE TESTS.



APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED

REGISTRATION No. _____ DATE SIGNED _____

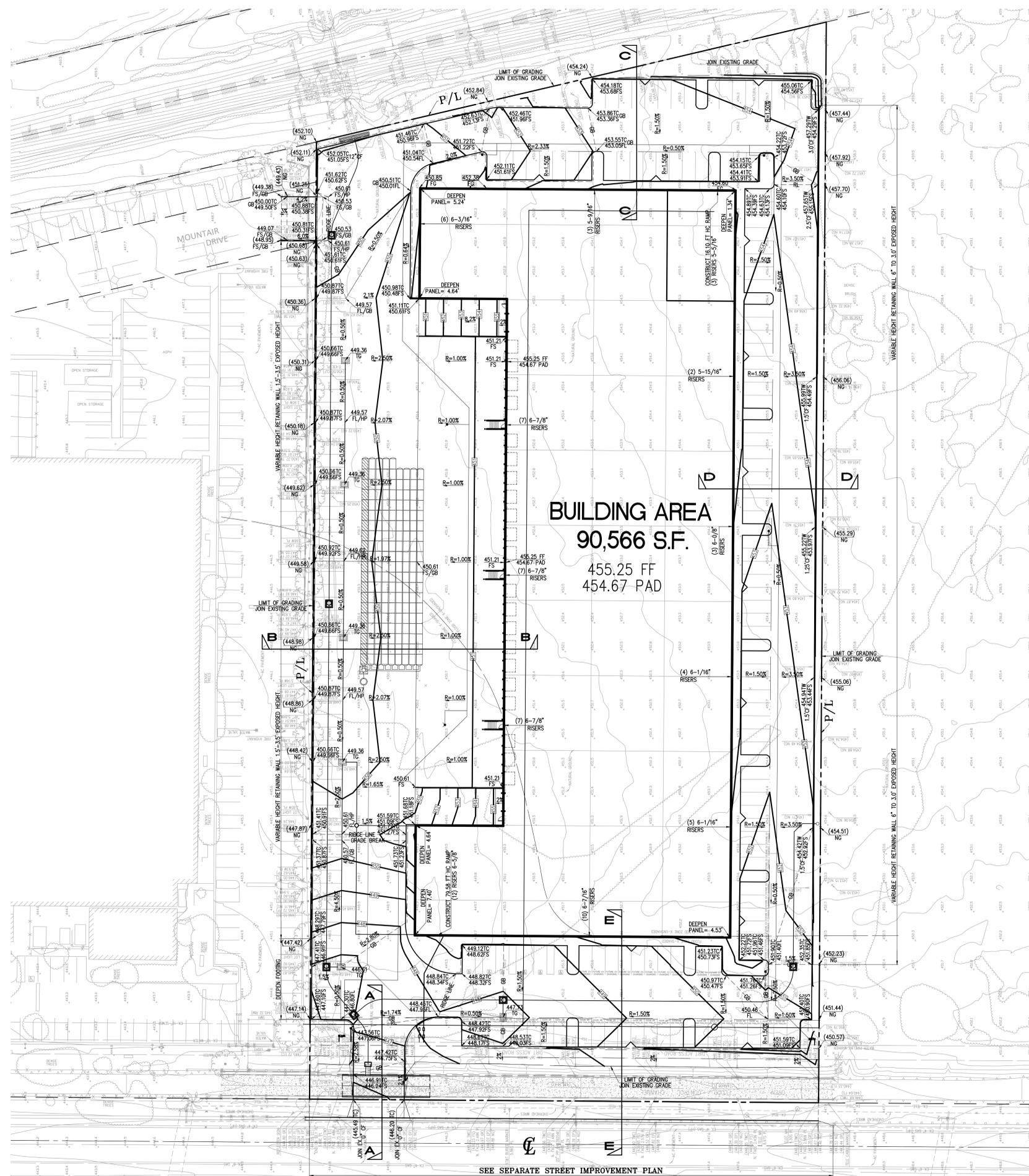
LICENSE EXP. DATE _____

CALTRANS DESIGN OVERSIGHT APPROVAL _____

CONSULTANT DESIGN MANAGER _____

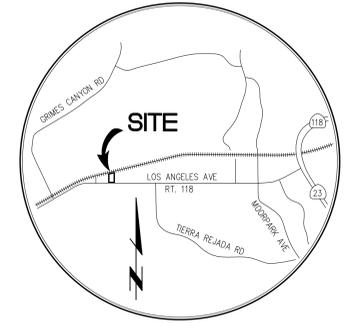
THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDER."

PENTAIR	
ROUTE 118 (LOS ANGELES AVENUE) MOORPARK, CA.	
CONTRACT NO.	
PROJECT ID	

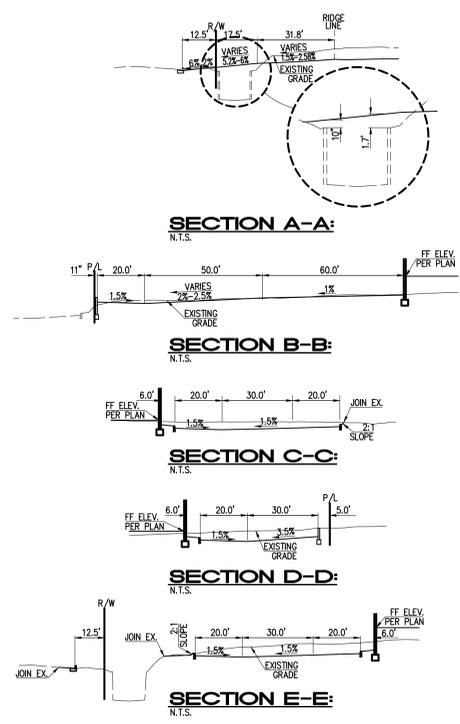


LOS ANGELES AVENUE

SEE SEPARATE STREET IMPROVEMENT PLAN

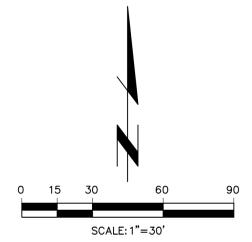


VICINITY MAP
N.T.S.



EARTHWORK BALANCE CALCULATIONS
PROJECT: LOS ANGELES AVE.-PENTAIR
JOB#: 3885

K. SITE AREA:	246,239 SF
L. SUBSIDENCE FACTOR:	0.134
M. SHRINKAGE FACTOR:	10.7 %
N. SITE STRIPPING FACTOR:	0.1
O. OVEREXCAVATION:	16,771.48 CY
A. CALCULATED CUT:	9,112 CY
B. FOOTING AND UTILITY SPOILS:	1,195 CY
B1. UNDERGROUND STORAGE:	1,000
C. TOTAL CUT: (A+B):	11,307 CY
D. CALCULATED FILL:	6,171 CY
E. LIGHT PAVING FILL:	- CY
F. SUBSIDENCE: (LX)/27=	1,220 CY
G. SHRINKAGE: (M/100)C=	1,210 CY
H. SITE STRIPPING:	912
I. OVEREXCAVATION SHRINKAGE:	1,795 CY
J. TOTAL FILL: (D+E+F+G+H)=	11,307 CY
K. TOTAL (IMPORT) OR EXPORT:	0 CY

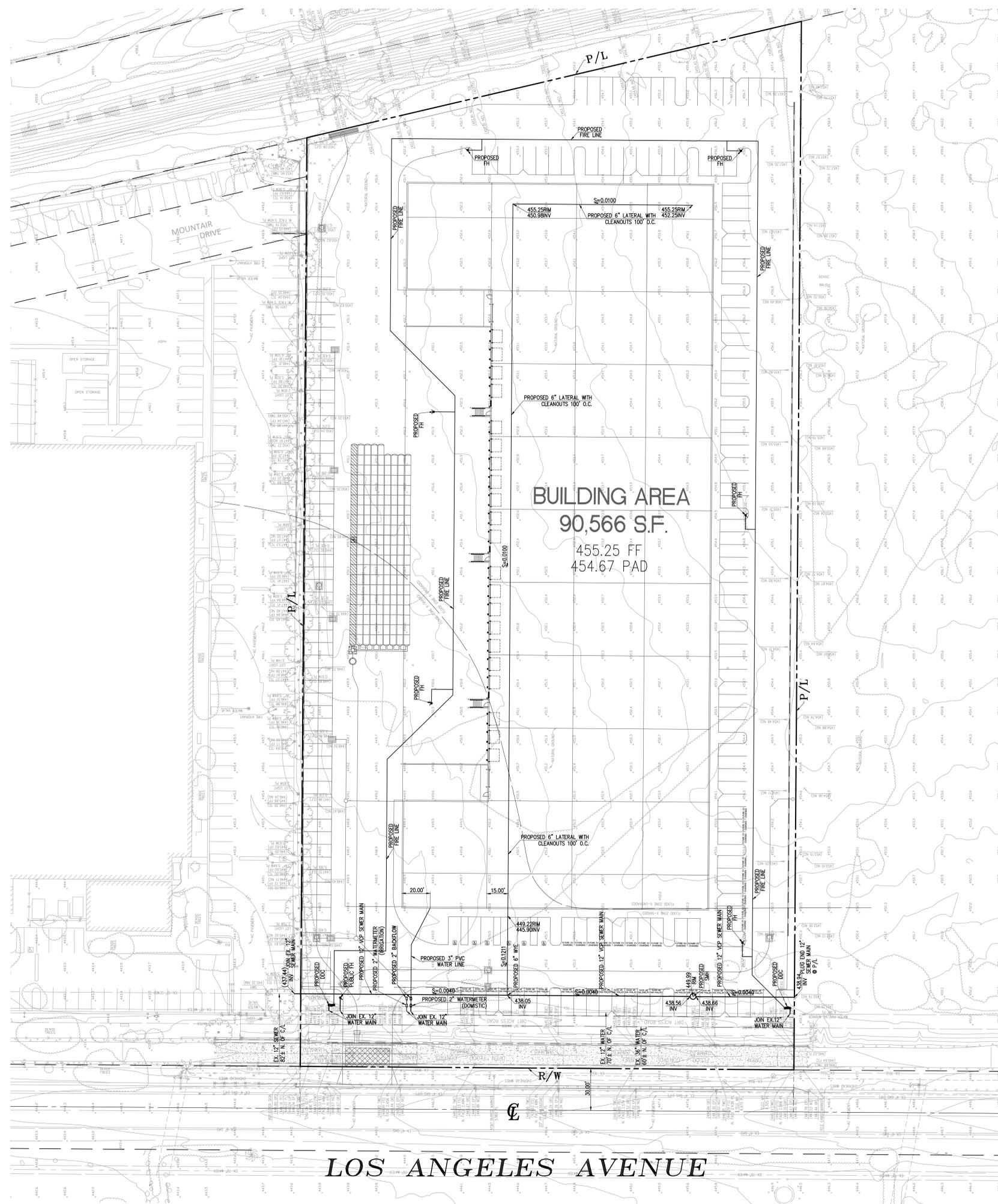


CITY OF MOORPARK
PUBLIC WORKS DEPARTMENT
CONCEPTUAL GRADING PLAN
PENTAIR
LOS ANGELES AVENUE
MOORPARK, CA

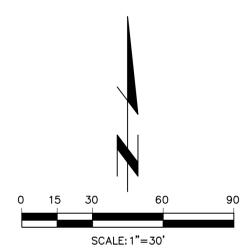
PREPARED FOR:
AMIR DEVELOPMENT COMPANY
8730 WILSHIRE BLVD., STE. 300
BEVERLY HILLS, CA 90211
PHONE: (916) 835-9317



Designed by	_____	Approved by	_____	Date	_____
Checked by	_____	Public Works Director	R.C.E.	XXXXX	_____
Designed by	_____	Sheet	1	of	3
Date	_____	Checked by	_____	Date	_____



LOS ANGELES AVENUE



City of Moorpark
Public Works Department

CONCEPTUAL UTILITY PLAN
PENTAIR
LOS ANGELES AVENUE
MOORPARK, CA

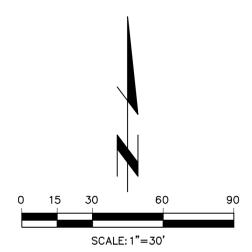
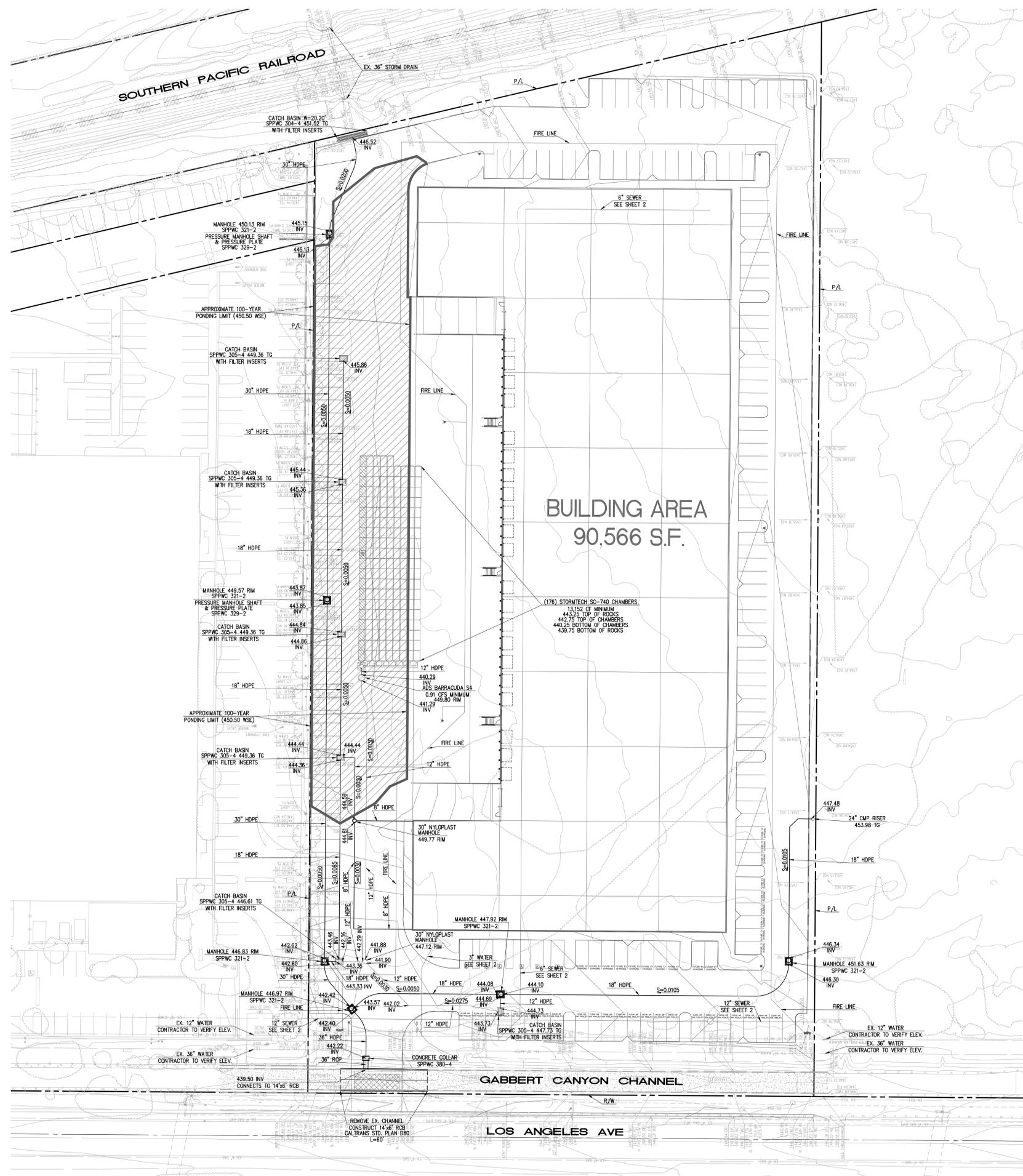
PREPARED FOR:
AMIR DEVELOPMENT COMPANY
8730 WILSHIRE BLVD., STE. 300
BEVERLY HILLS, CA. 90211
PHONE: (916) 835-9317

Tai Thienes Engineering, Inc.
CIVIL ENGINEERING - LAND SURVEYING
14349 FIRESTONE BOULEVARD
LA MIRADA, CALIFORNIA 90638
PH: (714) 521-4111 FAX: (714) 521-4173

Designed by _____	Approved by _____	Date _____
Checked by _____	Public Works Director _____	R.C.E. XXXXX
Designed by _____		
Checked by _____		
Date _____	Sheet 2 of 3	Sheets

3885 / 2 OF 3 SHEET

Last Update: 5/20/22
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Last Update: 5/20/22
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CITY OF MOORPARK
 PUBLIC WORKS DEPARTMENT

**CONCEPTUAL
 STORM DRAIN PLAN**

PENTAIR

**LOS ANGELES AVENUE
 MOORPARK, CA**

PREPARED FOR:

AMIR DEVELOPMENT COMPANY
 8730 WILSHIRE BLVD., STE. 300
 BEVERLY HILLS, CA 90211
 PHONE: (916) 835-9317

T*e*i *Thienes Engineering, Inc.*
 CIVIL ENGINEERING • LAND SURVEYING
 14340 FIRESTONE BOULEVARD
 LA MIRADA, CALIFORNIA 90638
 PH: (714) 521-4811 FAX: (714) 521-4753

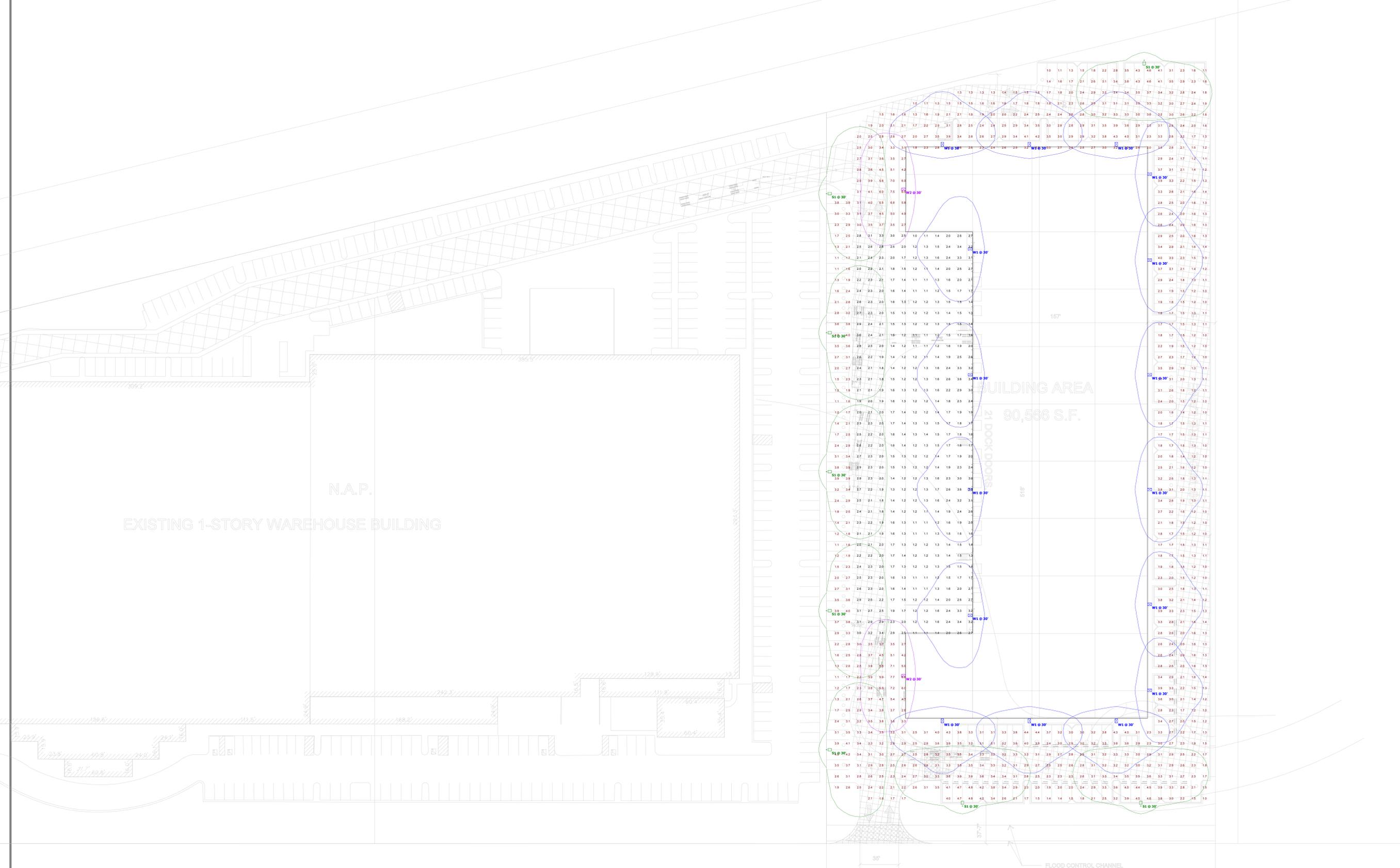
Designed by _____	Approved by _____
Checked by _____	Date _____
Designed by _____	Public Works Director _____ R.C.E. XXXXX
Checked by _____	Date _____
Sheet 3 of 3 Sheets	

3885/3 OF 3 SHEET



Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Filename	Light Loss Factor	Wattage
	W1	16	Lithonia Lighting	RSX1 LED P4 40K R4 WBA	RSX Area Fixture Size 1 P4 Lumen Package 4000K CCT Type R4 Distribution	B2 UG G3	RSX1_LED_P4_40K_R4.le	0.95	133
	W2	2	Lithonia Lighting	RSX1 LED P4 40K R2 WBA	RSX Area Luminaire Size 1 P4 Lumen Package 4000K CCT Type R2 Distribution	B2 UG G2	RSX1_LED_P4_40K_R2.le	0.95	133
	S1	8	Lithonia Lighting	RSX2 LED P4 40K R3 HS	RSX Area Fixture Size 2 P4 Lumen Package 4000K CCT Type R3 Distribution with HS Shield	B1 UG G3	RSX2_LED_P4_40K_R3_HS.le	0.95	187

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking Area	+	2.6 f	7.7 f	1.0 f	7.7:1	2.6:1
Truck Area	+	3.8 f	3.6 f	1.0 f	3.6:1	1.8:1



LOS ANGELES AVENUE

Plan View
Scale: 1" = 30ft

Designer
Date
Scale
Not to Scale
Drawing No.
Summary



RSX2 LED Area Luminaire

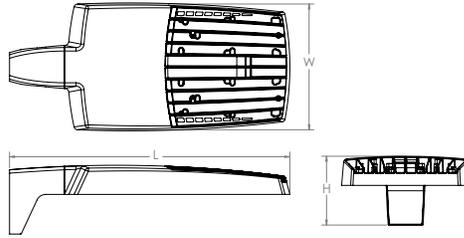


Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED					
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) ²	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) ³	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) ⁴	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶
	P5		R4S Type 4 Short		WBA Wall bracket ¹
	P6		R5 Type 5 Wide ¹		WBASC Wall bracket with surface conduit box
			R5S Type 5 Short ¹		AASP Adjustable tilt arm square pole mounting ⁶
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting ⁶
			AFRR90 Automotive Front Row Right Rotated	AAWB Adjustable tilt arm with wall bracket ⁶	AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶
			AFRL90 Automotive Front Row Left Rotated		

Options	Finish
<p>Shipped Installed</p> <p>HS House-side shield ⁷</p> <p>PE Photocontrol, button style ^{8,9}</p> <p>PEX Photocontrol external threaded, adjustable ^{9,10}</p> <p>PER7 Seven-wire twist-lock receptacle only (no controls) ^{9,11,12,13}</p> <p>CE34 Conduit entry 3/4" NPT (Qty 2)</p> <p>SF Single fuse (120, 277, 347) ⁵</p> <p>DF Double fuse (208, 240, 480) ⁵</p> <p>SPD20KV 20KV Surge pack (10KV standard)</p> <p>FAO Field adjustable output ^{9,13}</p> <p>DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ^{9,13}</p> <p>DS Dual switching ^{9,14}</p>	<p>Shipped Installed</p> <p>*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)</p> <p>NLTAIR2 nLight AIR generation 2 ^{13,15,16}</p> <p>PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) ^{13,16,17}</p> <p>BAA Buy America(n) Act Compliant</p> <p>*Note: PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.</p> <p>Shipped Separately (requires some field assembly)</p> <p>EGS External glare shield ⁶</p> <p>EGFV External glare full visor (360° around light aperture) ⁷</p> <p>BS Bird spikes ¹⁸</p>
	<p>DDBXD Dark Bronze</p> <p>DBLXD Black</p> <p>DNAXD Natural Aluminum</p> <p>DWHXD White</p> <p>DBBTXD Textured Dark Bronze</p> <p>DBLBXD Textured Black</p> <p>DNATXD Textured Natural Aluminum</p> <p>DWHGXD Textured White</p>



Ordering Information

Accessories

Ordered and shipped separately.

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSBC (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CULJU	Photocell -SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CULJU	Photocell -SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹

NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, DS, PIRHN).
- Requires 120V, 208V, 240V, or 277V.

- Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Two or more of the following options cannot be combined including DMG, DS, PER7, FAO and PIRHN.
- DS only available on performance package P5 and P6.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

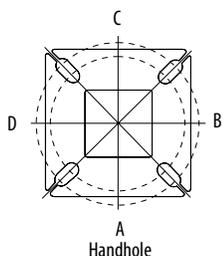


External 360 Full Visor

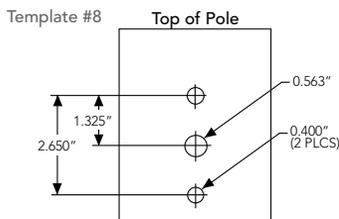
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

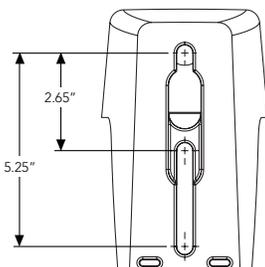
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX2 - Luminaire EPA

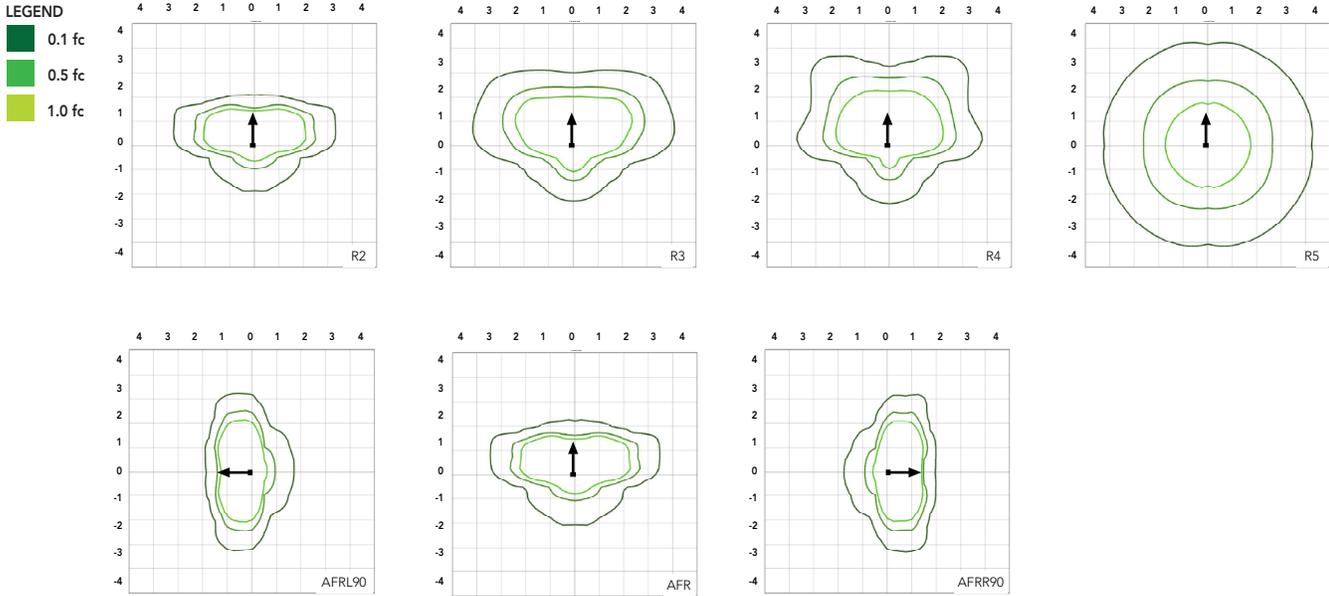
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side	
SPA - Square Pole Adaptor	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
RPA - Round Pole Adaptor		0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84
MA - Mast Arm Adaptor		0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41	

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

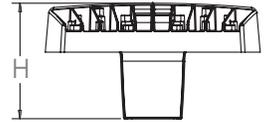
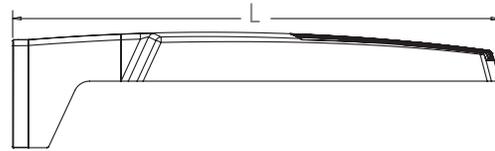
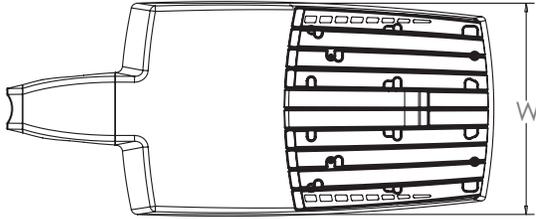
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

Dimensions & Weights

Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)

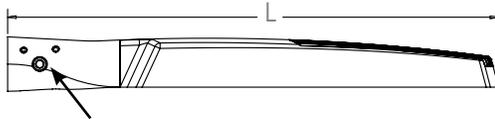
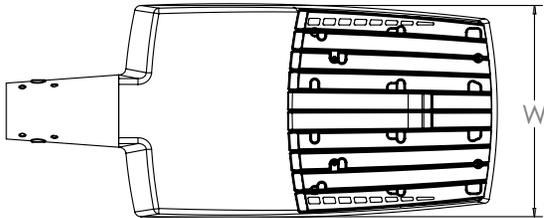


Length: 30.3" (77.0 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.3 cm) Arm

Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



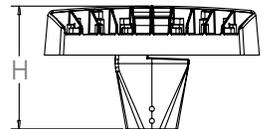
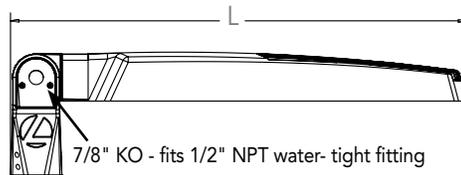
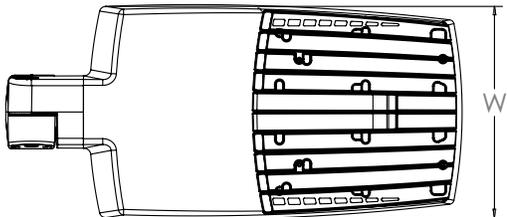
RSX2 with Mast Arm Adapter (MA)



Length: 30.6" (77.7 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

7/16" locking thru bolt/nut provided

RSX2 with Adjustable Slipfitter (IS)

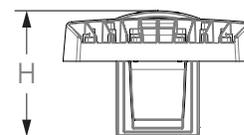
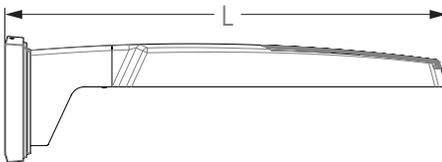
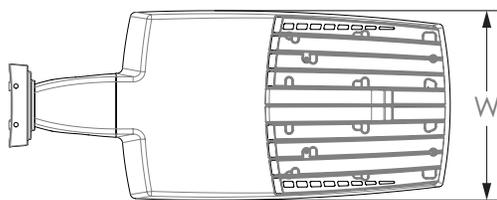


Length: 28.3" (71.9 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm

7/8" KO - fits 1/2" NPT water-tight fitting

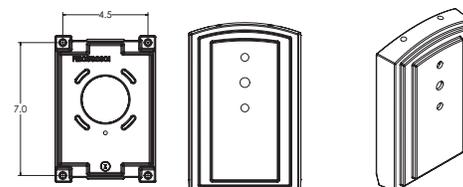
Dimensions

RSX2 with Wall Bracket (WBA)

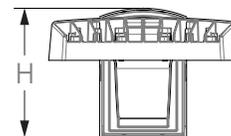
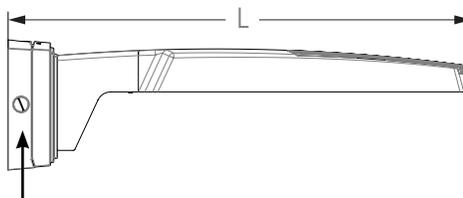
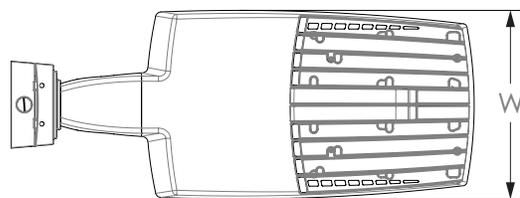


Length: 31.2" (79.2 cm)
 Width: 13.4" (41.7 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



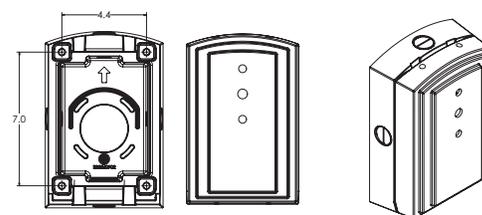
RSX2 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

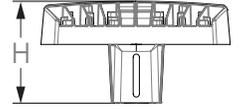
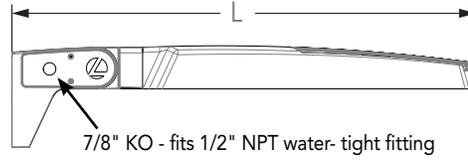
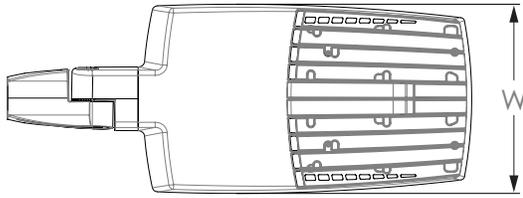
Length: 32.8" (83.3 cm)
 Width: 13.4" (41.7 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

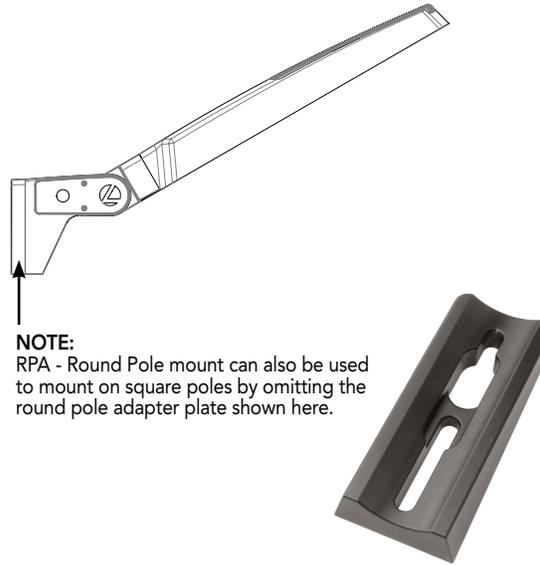


Dimensions

RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



Length: 32.8" (83.3 cm) **AASP**
 33.8" (85.9 cm) **AARP**
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.2 cm) Arm



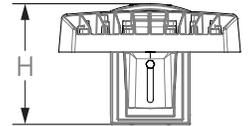
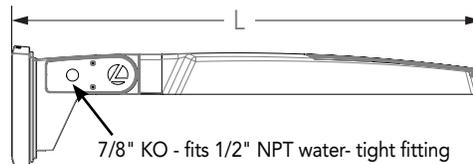
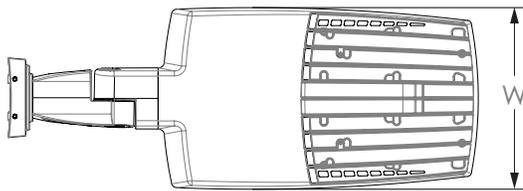
NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

Notes

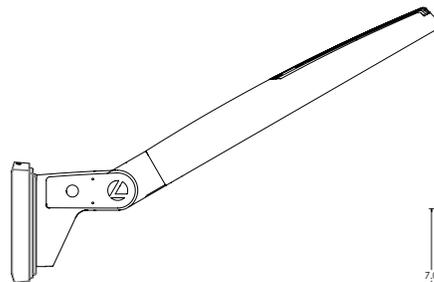
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

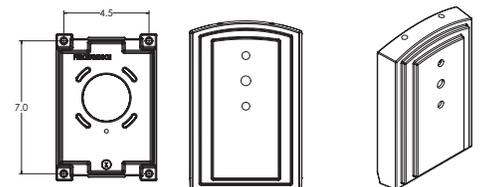
RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



Length: 34.7" (88.0 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

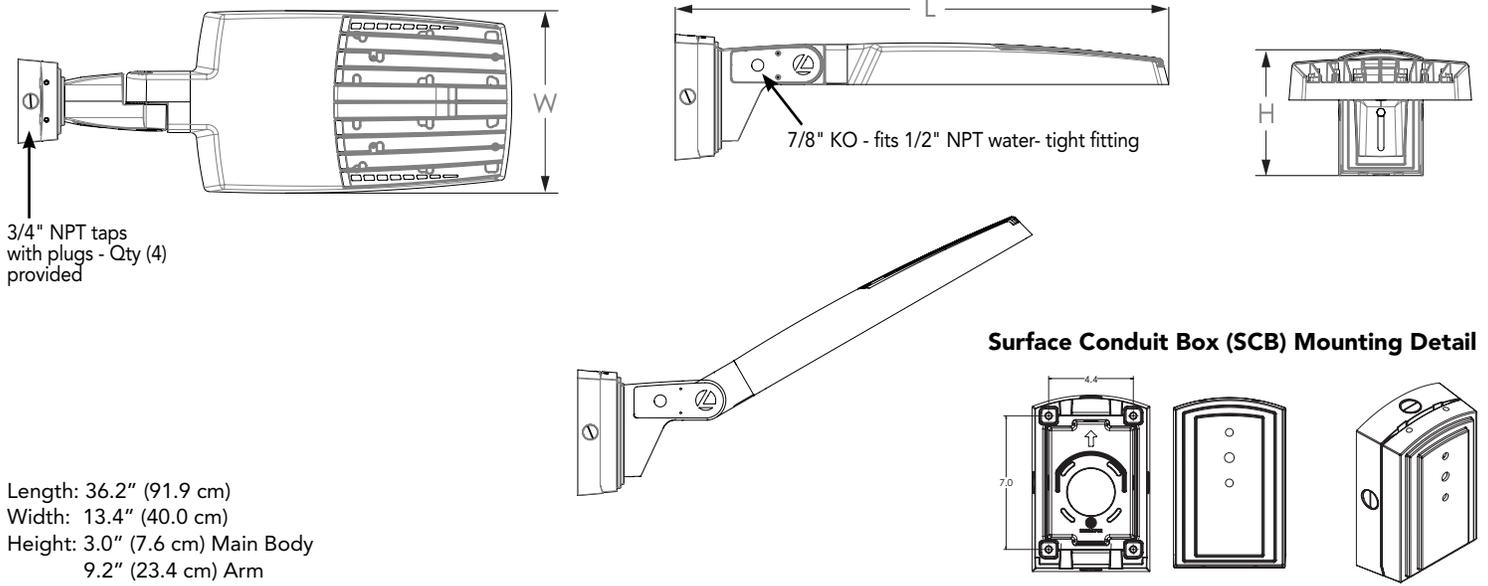


Wall Bracket (WBA) Mounting Detail

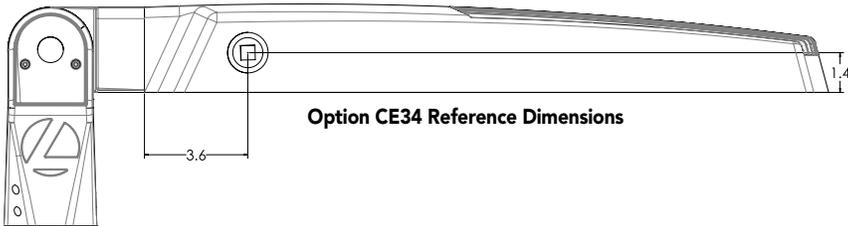


Dimensions

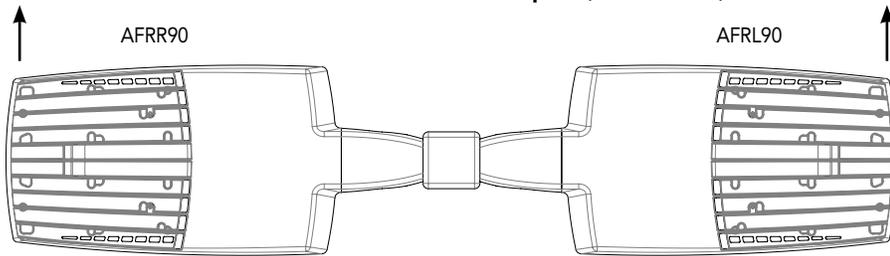
RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



Additional Reference Drawings

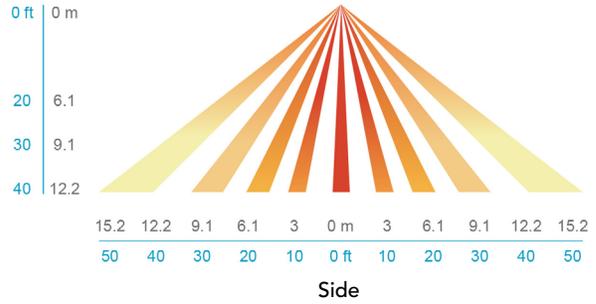
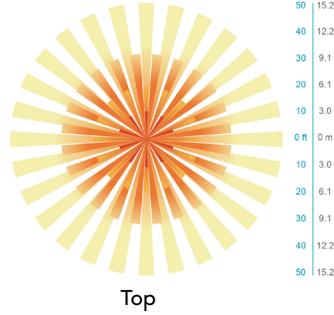
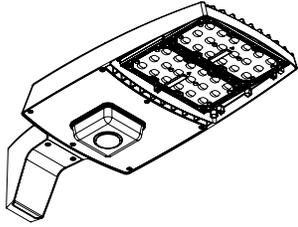


Automotive Front Row - Rotated Optics (AFRL90/R90)



(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

NLTAIR2 PIRHN nLight Sensor Coverage Pattern



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area luminaire is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warranted not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

BUY AMERICAN

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



RSX1 LED Area Luminaire

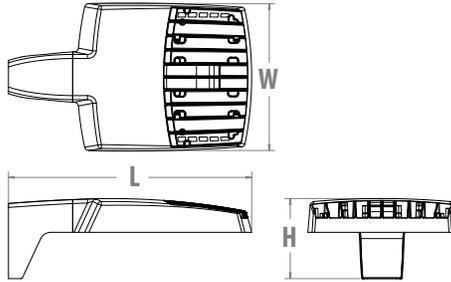


Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft²@0°):	0.57 ft ² (0.05 m ²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight: (SPA mount):	22.0 lbs (10.0 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide ¹ R5S Type 5 Short ¹ AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) ² HVOLT (347V-480V) ³ XVOLT (277V-480V) ⁴ (use specific voltage for options as noted) 120 ³ 277 ⁵ 208 ³ 347 ⁵ 240 ³ 480 ⁵	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶ WBA Wall bracket ¹ WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting ⁶ AARP Adjustable tilt arm round pole mounting ⁶ AAWB Adjustable tilt arm with wall bracket ⁶ AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶

Options	Finish
<p>Shipped Installed</p> <p>HS House-side shield⁷</p> <p>PE Photocontrol, button style^{8,9}</p> <p>PEX Photocontrol external threaded, adjustable^{9,10}</p> <p>PER7 Seven-wire twist-lock receptacle only (no controls)^{9,11,12,13}</p> <p>CE34 Conduit entry 3/4" NPT (Qty 2)</p> <p>SF Single fuse (120, 277, 347)⁵</p> <p>DF Double fuse (208, 240, 480)⁵</p> <p>SPD20KV 20KV Surge pack (10KV standard)</p> <p>FAO Field adjustable output^{9,13}</p> <p>DMG 0-10V dimming extend out back of housing for external control (control ordered separate)^{9,13}</p>	<p>Shipped Installed</p> <p>*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)</p> <p>NLTAIR2 nLight AIR generation 2^{13,14,15}</p> <p>PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2)^{13,15,16}</p> <p>BAA Buy America(n) Act Compliant</p> <p>*Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.</p> <p>Shipped Separately (requires some field assembly)</p> <p>EGS External glare shield⁷</p> <p>EGFV External glare full visor (360° around light aperture)⁷</p> <p>BS Bird spikes¹⁷</p>
	<p>DDBXD Dark Bronze</p> <p>DBLXD Black</p> <p>DNAXD Natural Aluminum</p> <p>DWHXD White</p> <p>DDBTXD Textured Dark Bronze</p> <p>DBLXD Textured Black</p> <p>DNATXD Textured Natural Aluminum</p> <p>DWHGXD Textured White</p>



Ordering Information

Accessories

Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRUR	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁸
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹⁸
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ¹⁸
DSHORT SBK U	Shorting cap ¹⁸

NOTES

- 1 Any Type 5 distribution, is not available with WBA.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- 4 XVOLT driver not available with P1 or P2. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- 5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 6 Maximum tilt is 90° above horizontal.
- 7 It may be ordered as an accessory.
- 8 Requires MVOLT or 347V.
- 9 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
- 10 Requires 120V, 208V, 240V or 277V.
- 11 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
- 12 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- 13 Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
- 14 Must be ordered with PIRHN.
- 15 Requires MVOLT or HVOLT.
- 16 Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- 17 Must be ordered with fixture for factory pre-drilling.
- 18 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

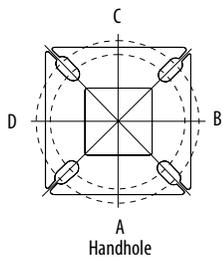


External 360 Full Visor

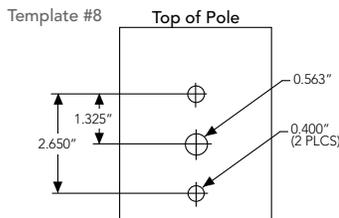
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

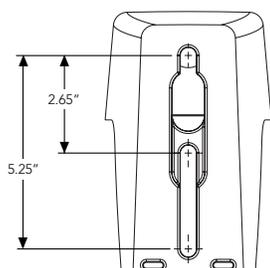
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

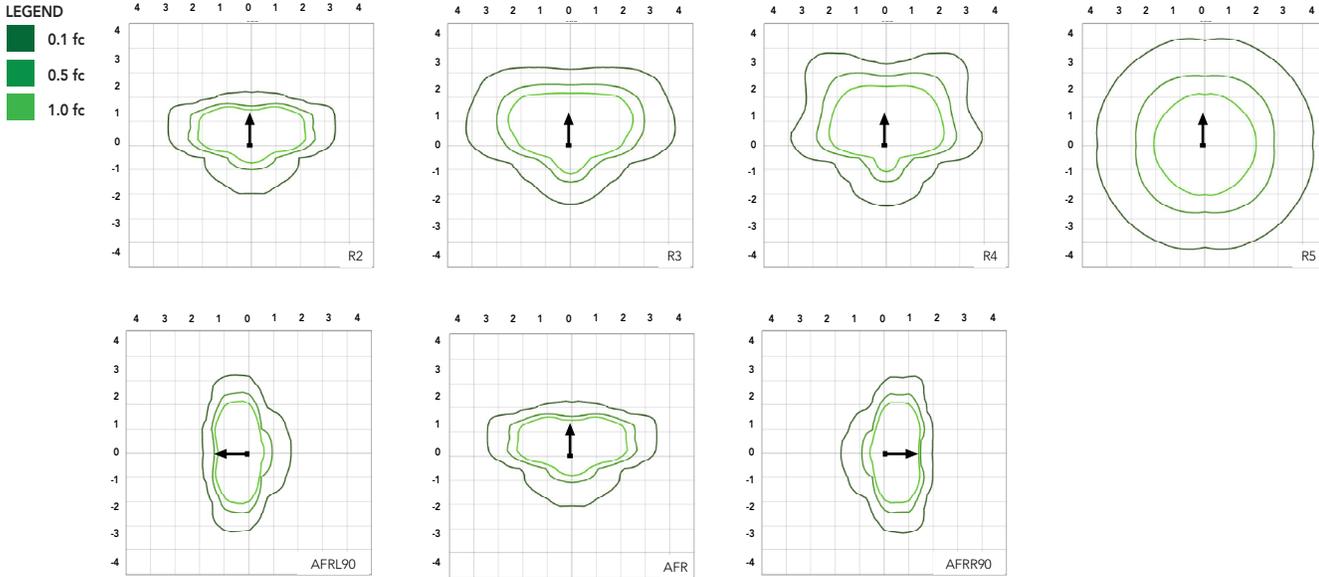
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
SPA - Square Pole Adaptor	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor	0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor	0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

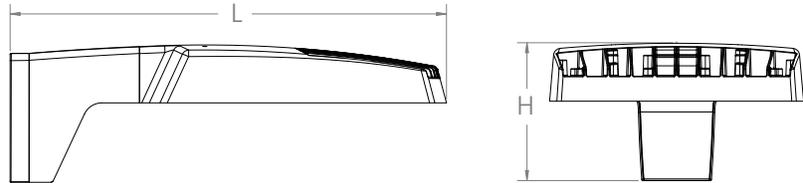
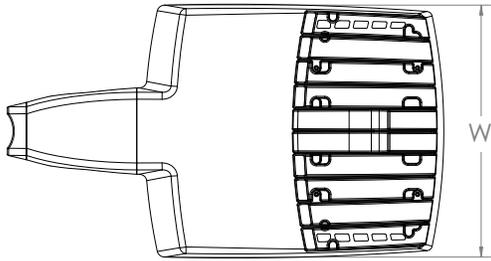
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

Dimensions & Weights

Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

RSX1 with Round Pole Adapter (RPA)

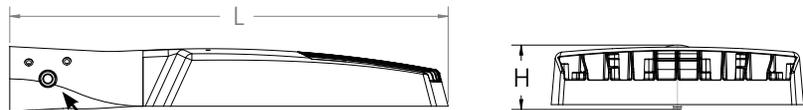
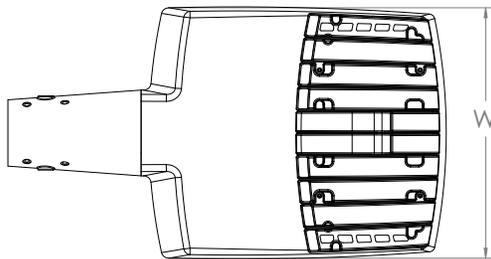


Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



Length: 22.8" (57.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.4 cm) Arm

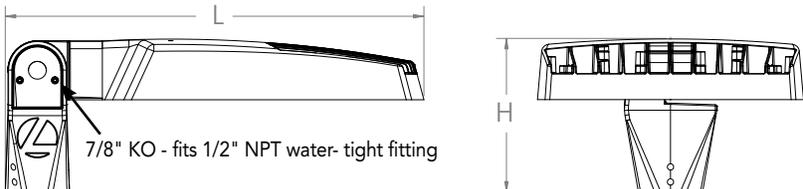
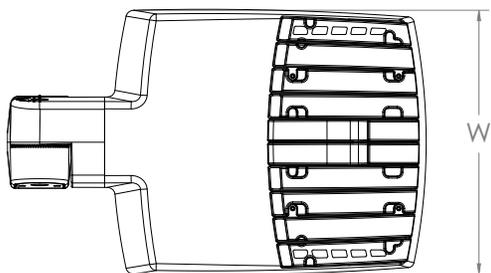
RSX1 with Mast Arm Adapter (MA)



7/16" locking thru bolt/nut provided

Length: 23.2" (59.1 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

RSX1 with Adjustable Slipfitter (IS)



7/8" KO - fits 1/2" NPT water-tight fitting

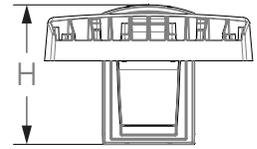
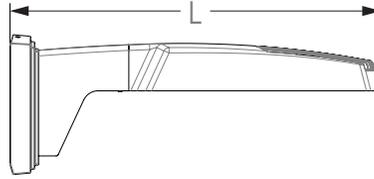
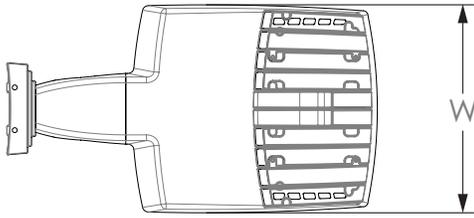
Length: 20.7" (52.7 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm



COMMERCIAL OUTDOOR

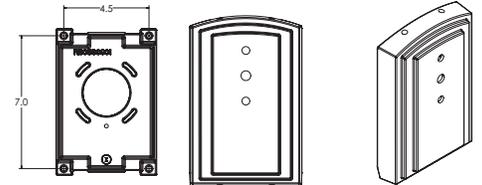
Dimensions

RSX1 with Wall Bracket (WBA)

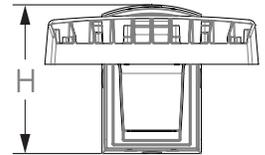
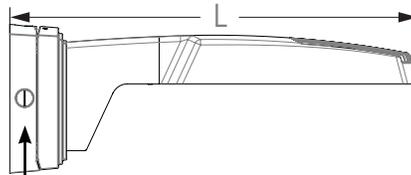
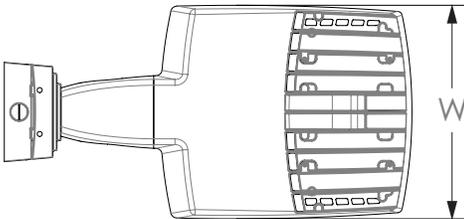


Length: 23.6" (59.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



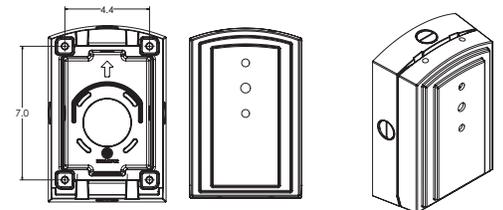
RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

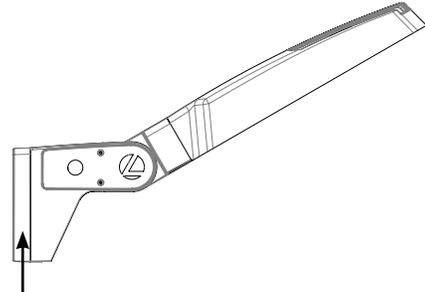
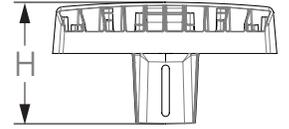
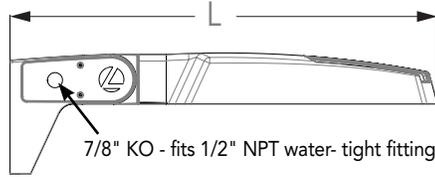
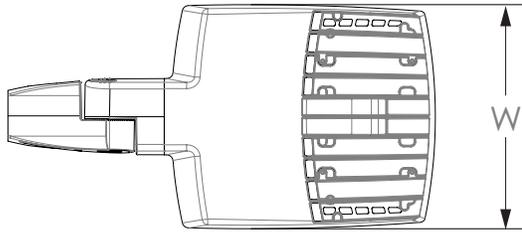
Length: 25.3" (64.3 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



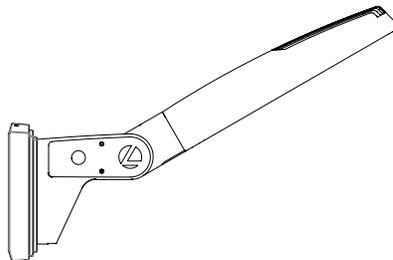
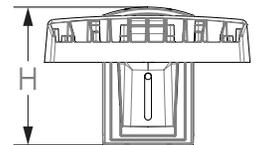
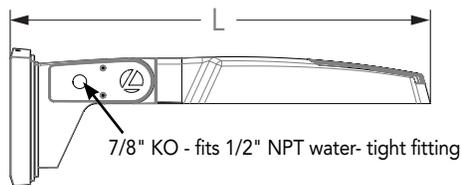
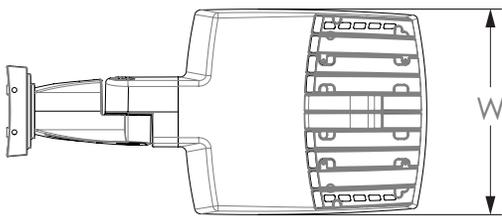
Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

Notes

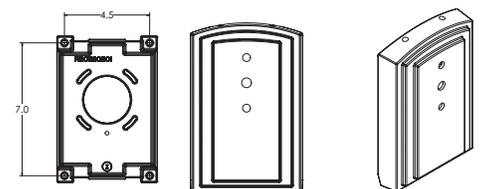
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



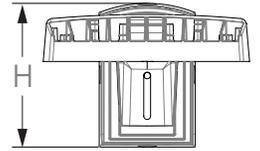
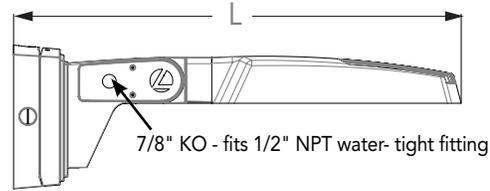
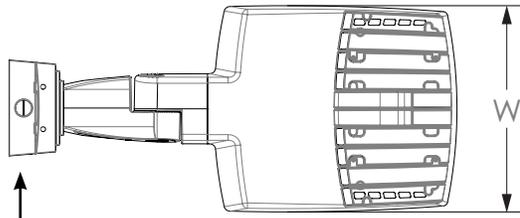
Wall Bracket (WBA) Mounting Detail



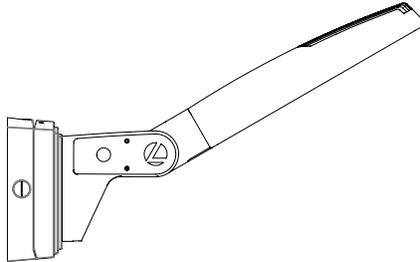
Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Dimensions

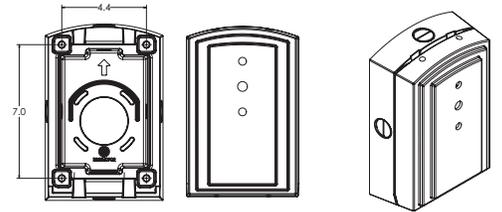
RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps
with plugs - Qty (4)
provided

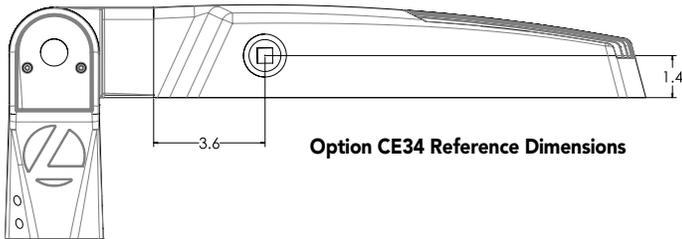


Surface Conduit Box (SCB) Mounting Detail



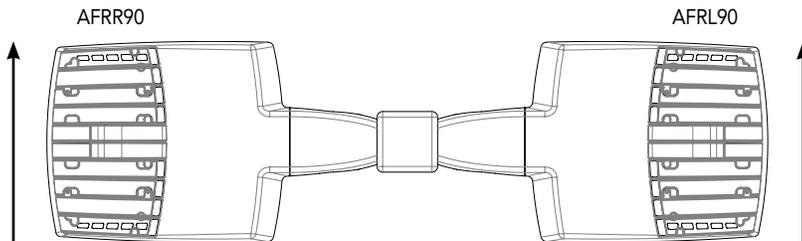
Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Additional Reference Drawings



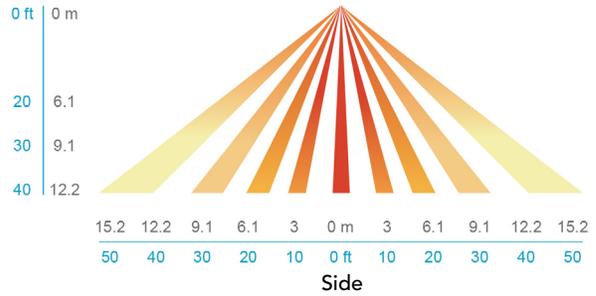
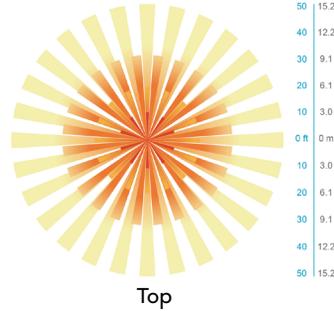
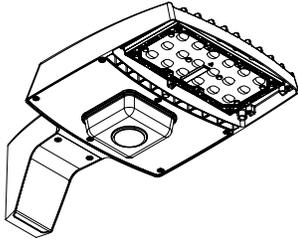
Option CE34 Reference Dimensions

Automotive Front Row - Rotated Optics (AFRL90/R90)



(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

nLight Sensor Coverage Pattern NLTAIR2 PIRHN



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warranted not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

BUY AMERICAN

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.