## SITE DEVELOPMENT PLAN FOR LIVING WATER EXPRESS CAR WASH WITH WAIVERS



## 1 PROJECT LOCATION MAP CJ101 SCALE: NOT TO SCALE

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MITRAH INVESTMENTS AND HOLDINGS, LLC 17050 E MAINSTREET AURORA, CO 80134 (303) 949-4831

## ENGINEER / PLANNER / LANDSCAPE ARCHITECT:

WSB & ASSOCIATES INC. 720 SOUTH COLORADO BLVD DENVER, COLORADO 80246

#### ARCHITECT:

HOVER ARCHITECTURE 8089 SOUTH LINCOLN STREET SUITE 201 LITTLETON, COLORADO 80122

#### LANDSCAPE WAIVER REQUEST FOR SOUTH PROPERTY LINE: CITY CODE SECTION: 146-1423 LANDSCAPE SITE PERIMETER BUFFERS FOR NON-STREET FRONTAGES

THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF PRIVATE UTILITIES HAS BEEN DESIGNATED UTILITY QUALITY LEVEL D. THESE QUALITY LEVELS WERE DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE DATA". THE CONTRACTOR IS TO DETERMINE THE TYPE AND LOCATION OF PRIVATE UTILITIES AS MAY BE DEEMED NECESSARY TO AVOID DAMAGE THERETO.

<u>AMENDMENTS</u>	
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Sheet List Table					
SHEET NUMBER	SHEET TITLE				
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CS101	SITE PLAN				
CS501	SITE DETAILS				
CS502	SITE DETAILS				
CG101	GRADING PLAN				
CU101	UTILITY PLAN				
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CL101	PHOTOMETRIC PLAN				
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Sk-1	EXTERIOR ELEVATIONS				
Sk-2	TRASH ENCLOSURE				
Sk-3	RENDERING				

# INDEMNIFICATION AND ADHERENCE TO STANDARDS STATEMENTS These plans have been reviewed by the Town Of AURORA for concept only. The review does not imply responsibility by the reviewing department, the Town Engineer, or the Town of AURORA for accuracy and correctness of the calculations. Furthermore, the review does not imply that quantities of items on the plans are the final quantities required. The review shall not be construed for any reason as acceptance of financial responsibility by the Town for additional quantities of items shown that may be required during the construction phase. All work shall be constructed in accordance with the Town Of AURORA Municipal Code, Technical Manuals and/or other Town-approved applicable standards.

TOWN APPROVAL BLOCK
TOWN OF AURORA APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL

Approved By:

Date

Development Services

### **SIGNATURE BLOCK:**

LIVING WATER EXPRESS CAR WASH
(OFFICIAL PROJECT NAME)

LEGAL DESCRIPTION: LOT 2, BLOCK 1, MITRAH SUBDIVISION FILING NO. 1, A RESUBDIVISION
OF A PART OF TRACT 3, RANGE VIEW SITUATED IN THE SOUTHEAST 1/4
OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 67 WEST, OF THE 6TH P.M.

THIS SITE PLAN AND ANY AMENDMENTS HERETO, UPON APPROVAL BY THE CITY OF AURORA AND RECORDING, SHALL BE BINDING UPON THE APPLICANTS THEREFORE, THEIR SUCCESSORS AND ASSIGNS. THIS PLAN SHALL LIMIT AND CONTROL THE ISSUANCE AND VALIDITY OF ALL BUILDING PERMITS, AND SHALL RESTRICT AND LIMIT THE CONSTRUCTION, LOCATION, USE, OCCUPANCY AND OPERATION OF ALL LAND AND STRUCTURES WITHIN THIS PLAN TO ALL CONDITIONS, REQUIREMENTS, LOCATIONS AND LIMITATIONS SET FORTH HEREIN. ABANDONMENT, WITHDRAWAL OR AMENDMENT OF THIS PLAN MAY BE PERMITTED ONLY UPON APPROVAL OF THE CITY OF AURORA.

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(PRINCIPALS OR OWNERS) WITNESS MY HAND AND OFFICIAL SEAL	NOTARY	
(NOTARY PUBLIC)	SEAL	
MY COMMISSION EXPIRESNOTARY	Y BUSINESS ADDRESS:	
CITY OF AURORA APP	ROVALS	
CITY ATTORNEY:	DATE:	
PLANNING DIRECTOR:	DATE:	
PLANNING COMMISSION:(CHAIRPERSON)	DATE:	
CITY COUNCIL:(MAYOR)	DATE:	
ATTEST:(CITY CLERK)	DATE:	
DATABASE APPROVAL DATE		
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WSB PROJECT NO.: 012509-000

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N 1/4 P.M. RA S EIN. PON	REVISIONS	NO. DATE DESCRIPTION					
	EBY AFFIRM THAT THESE FINAL STRIICTION PI ANS WERE PREPARED I INDER MY	ST SUPERVISION, IN ACCORDANCE WITH ALL ICABLE TOWN OF AURORA AND STATE OF	DRADO STANDARDS AND STATUES, PECTIVELY; AND THAT I AM FULLY RESPONSIBLE	ALL DESIGN AND REVISIONS RELATIVE TO SAID S.		BRIAN W. FRANK	E: LIC. NO: 53667

LIVING WATER CAR WASH 857 SOUTH HAVANA STREE

COVER SHEET

CJ101

#### **CITY OF AURORA SITE NOTES:**

- THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, INCLUDING THE HOMEOWNERS OR MERCHANTS ASSOCIATION, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL FIRE LANE SIGNS AS REQUIRED BY THE CITY OF AURORA.
- 2. ALL SIGNS MUST CONFORM TO THE CITY OF AURORA SIGN CODE.
- 3. RIGHT OF WAY FOR INGRESS AND EGRESS FOR SERVICE AND EMERGENCY VEHICLES IS GRANTED OVER, ACROSS, ON AND THROUGH ANY AND ALL PRIVATE ROADS AND WAYS NOW OR HEREAFTER ESTABLISHED ON THE DESCRIBED PROPERTY, AND THE SAME ARE HEREBY DESIGNATED AS "SERVICE/EMERGENCY AND UTILITY EASEMENTS" AND SHALL BE POSTED "NO PARKING FIRE LANE."
- 4. "ACCESSIBLE EXTERIOR ROUTES" SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING AND ACCESSIBLE PASSENGER LOADING ZONES AND PUBLIC SIDEWALKS TO 60% OF THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE. THE ACCESSIBLE ROUTE BETWEEN ACCESSIBLE PARKING AND ACCESSIBLE BUILDING ENTRANCES SHALL BE THE MOST PRACTICAL DIRECT ROUTE. THE ACCESSIBLE ROUTE MUST BE LOCATED WITHIN A SIDEWALK. NO SLOPE ALONG THIS ROUTE MAY EXCEED 1:20 WITHOUT PROVIDING A RAMP WITH A MAXIMUM SLOPE OF 1:12 AND HANDRAILS. CROSSWALKS ALONG THIS ROUTE SHALL BE WIDE ENOUGH TO WHOLLY CONTAIN THE CURB RAMP WITH A MINIMUM WIDTH OF 36" AND SHALL BE PAINTED WITH WHITE STRIPES. THE CITY OF AURORA ENFORCES HANDICAPPED ACCESSIBILITY REQUIREMENTS.
- 5. THE APPLICANT HAS THE OBLIGATION TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
- 6. THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- 7. ALL CROSSINGS AND ENCROACHMENTS BY PRIVATE LANDSCAPE IRRIGATION SYSTEMS OR PRIVATE UTILITIES INTO EASEMENTS AND STREET RIGHTS-OF-WAY OWNED BY THE CITY OF AURORA ARE ACKNOWLEDGED BY THE UNDERSIGNED AS BEING SUBJECT TO CITY OF AURORA'S USE AND OCCUPANCY OF THE SAID EASEMENTS OR RIGHTS-OF-WAY. THE UNDERSIGNED, THEIR SUCCESSORS AND ASSIGNS, HEREBY AGREE TO INDEMNIFY THE CITY OF AURORA FOR ANY LOSS, DAMAGE OR REPAIR TO CITY FACILITIES THAT MAY RESULT FROM THE INSTALLATION, OPERATION OR MAINTENANCE OF SAID PRIVATE IRRIGATION SYSTEMS OR PRIVATE UTILITIES.
- 8. THE APPROVAL OF THIS DOCUMENT DOES NOT CONSTITUTE FINAL APPROVAL OF GRADING, DRAINAGE, UTILITY, PUBLIC IMPROVEMENTS AND BUILDING PLANS. CONSTRUCTION PLANS MUST BE REVIEWED AND APPROVED BY THE APPROPRIATE AGENCY PRIOR TO THE ISSUANCE OF BUILDING PERMITS.
- 9. ALL BUILDING ADDRESS NUMBERS SHALL COMPLY WITH SECTIONS 126-271 AND 126-278 OF THE AURORA CITY CODE.
- 10. ALL ROOFTOP MECHANICAL EQUIPMENT AND VENTS GREATER THAN EIGHT (8) INCHES IN DIAMETER MUST BE SCREENED. SCREENING MAY BE DONE EITHER WITH AN EXTENDED PARAPET WALL OR A FREESTANDING SCREEN WALL. SCREENS SHALL BE AT LEAST AS HIGH AS THE EQUIPMENT THEY HIDE. IF EQUIPMENT IS VISIBLE BECAUSE SCREENS DON'T MEET THIS MINIMUM HEIGHT REQUIREMENT, THE DIRECTOR OF PLANNING MAY REQUIRE CONSTRUCTION MODIFICATIONS PRIOR TO THE ISSUANCE OF A PERMANENT CERTIFICATE OF OCCUPANCY.
- 11. NOTWITHSTANDING ANY SURFACE IMPROVEMENTS, LANDSCAPING, PLANTING OR CHANGES SHOWN IN THESE SITE OR CONSTRUCTION PLANS, OR ACTUALLY CONSTRUCTED OR PUT IN PLACE, ALL UTILITY EASEMENTS MUST REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH TO ALLOW FOR ADEQUATE MAINTENANCE EQUIPMENT. ADDITIONALLY, NO INSTALLATION, PLANTING, CHANGE IN THE SURFACE, ETC., SHALL INTERFERE WITH THE OPERATION OF THE UTILITY LINES PLACED WITHIN THE EASEMENT. BY SUBMITTING THESE SITE OR CONSTRUCTION PLANS FOR APPROVAL, THE LANDOWNER RECOGNIZES AND ACCEPTS THE TERMS. CONDITIONS AND REQUIREMENTS OF THIS NOTE.
- 12. FINAL GRADE SHALL BE AT LEAST SIX (6) INCHES BELOW ANY EXTERIOR WOOD SIDING ON THE PREMISES.
- 13. ALL INTERESTED PARTIES ARE HEREBY ALERTED THAT THIS SITE PLAN IS SUBJECT TO ADMINISTRATIVE CHANGES AND AS SHOWN ON THE ORIGINAL SITE PLAN ON FILE IN THE AURORA CITY PLANNING OFFICE AT THE MUNICIPAL BUILDING. A COPY OF THE OFFICIAL CURRENT PLAN MAY BE PURCHASED THERE. LIKEWISE, SITE PLANS ARE REQUIRED TO AGREE WITH THE APPROVED SUBDIVISION PLAT OF RECORD AT THE TIME OF A BUILDING PERMIT; AND IF NOT, MUST BE AMENDED TO AGREE WITH THE PLAT AS NEEDED, OR VICE VERSA.
- 14. ERRORS IN APPROVED SITE PLANS RESULTING FROM COMPUTATIONS OR INCONSISTENCIES IN THE DRAWINGS MADE BY THE APPLICANT ARE THE RESPONSIBILITY OF THE PROPERTY OWNER OF RECORD. WHERE FOUND, THE CURRENT MINIMUM CODE REQUIREMENTS WILL APPLY AT THE TIME OF BUILDING PERMIT. PLEASE BE SURE THAT ALL PLAN COMPUTATIONS ARE CORRECT.
- 15. THE 2015 INTERNATIONAL FIRE CODE, APPENDIX J AND CITY OF AURORA CODE. CHAPTER 66-38 FIRE PREVENTION REGULATIONS, REQUIRE ALL BUILDINGS TO BE ASSESSED FOR ADEQUATE ELECTRICAL INSPECTIONS. THE GENERAL CONTRACTOR (GC) WILL BE NOTIFIED BY A BUILDING LIFE SURVEILLANCE. A STRUCTURE THAT HAS PASSED THIS SURVEILLANCE REQUIRES NO FURTHER ACTION BY THE GC. A FAILED RADIO SURVEILLANCE WILL REQUIRE AN INDEPENDENT THIRD PARTY RADIO STUDY FOR THE ENTIRE BUILDING AT THE BUILDING AT THE OWNER OR DEVELOPERS EXPENSE. WHERE AN EMERGENCY RESPONDER RADIO COVERAGE SYSTEM IS REQUIRED. A DESIGNATED CONTRACTOR SHALL SUBMIT PLANS TO THE BUILDING DIVISION TO OBTAIN A BUILDING PERMIT PRIOR TO INSTALLATION.
- 16. ALL REPRESENTATIONS AND COMMITMENTS MADE BY APPLICANTS AND PROPERTY OWNERS AT PUBLIC HEARINGS REGARDING THIS PLAN ARE BINDING UPON THE APPLICANT, PROPERTY OWNER, AND ITS HEIRS, SUCCESSORS, AND ASSIGNS.
- 17. ARCHITECTURAL FEATURES, SUCH AS BAY WINDOWS, FIREPLACES, ROOF OVERHANGS, GUTTERS, EAVES, FOUNDATIONS, FOOTINGS, CANTILEVERED WALLS, ETC, ARE NOT ALLOWED TO ENCROACH INTO ANY EASEMENT OR FIRE LANE.
- 18. THE VENDOR OF ANY FUTURE SALE OF THE REAL PROPERTY SHALL PROVIDE THE REQUIRED NOTICE PER CITY CODE SECTION 146-1587(C) TO BE RECORDED WITH THE COUNTY CLERK AND RECORDER AND SHALL PROVIDE SUCH NOTICE TO EACH PROSPECTIVE PURCHASER OF ANY AND ALL SAID PROPERTY. SEE EXHIBIT C4 UNDER THE AIRPORT RELATED LAND USE RESTRICTIONS SECTION OF THIS GUIDEBOOK.

#### DATA BLOCK

LAND AREA WITHIN PROPERTY LINES	36,054 SF 0.8277 AC
NUMBER OF BUILDINGS	1
BUILDING HEIGHT	32'-0" TO TOP OF ARCHITECTURAL FEATURE
BUILDING CONSTRUCTION TYPE V-B AND NON SPRINKLERED	24'-10" AT TOP OF ROOF
TOTAL BUILDING COVERAGE AND GFA	5,646 SF 0.1296 AC 15.66%
HARD SURFACE AREA	11,374 SF 0.2611 AC 31.55%
LANDSCAPE AREA	7,120 SF 0.1635 AC 19.75%
SIDEWALKS AND PATIOS	2,945 SF 0.0676 AC 8.17%
PRESENT ZONING CLASSIFICATION	SUSTAINABLE INFILL REDEVELOPMENT
MAXIMUM PERMITTED/ALLOWABLE SIGN AREA	MAXIMUM SIGN AREA NOT TO EXCEED 94 SF. NOT ONE SIGN CAN BE LARGER THAN 200 SF.
PROPOSED TOTAL SIGN AREA	MAXIMUM SIGNAGE SHALL BE NO GREATER THAN 94 SF FOR TOTAL SIGNAGE AREA.
PROPOSED NUMBER OF SIGNS	2 WALL SIGNS (1 SHOWN)
PROPOSED MONUMENT SIGN	1 MONUMENT SIGN.
PROPOSED MONUMENT SIGN AREA	TBD-ALL SIGNS WILL BE SUBMITTED UNDER SEPARATE PERMIT
PARKING SPACES REQUIRED	1 PARKING SPACE PER WASHING MODULE PLUS 1 DRYING SPACE. + * SIR PARKING, SECTION 146-736 (B)
STACKING	2 CARS STACKING ARE PROVIDED
PARKING SPACES PROVIDED	3 VEHICULAR PARKING STALLS ARE PROVIDED *
VAN ACCESSIBLE SPACES REQUIRED	1
VAN ACCESSIBLE SPACES PROVIDED	1
BIKE PARKING SPACES REQUIRED	3% OR 1 BIKE PARKING STALL / 1 RACK
BIKE PARKING SPACES PROVIDED	6 BICYCLE PARKING STALLS / 3 BIKE RACKS



WSB PROJECT NO.: 012509-000

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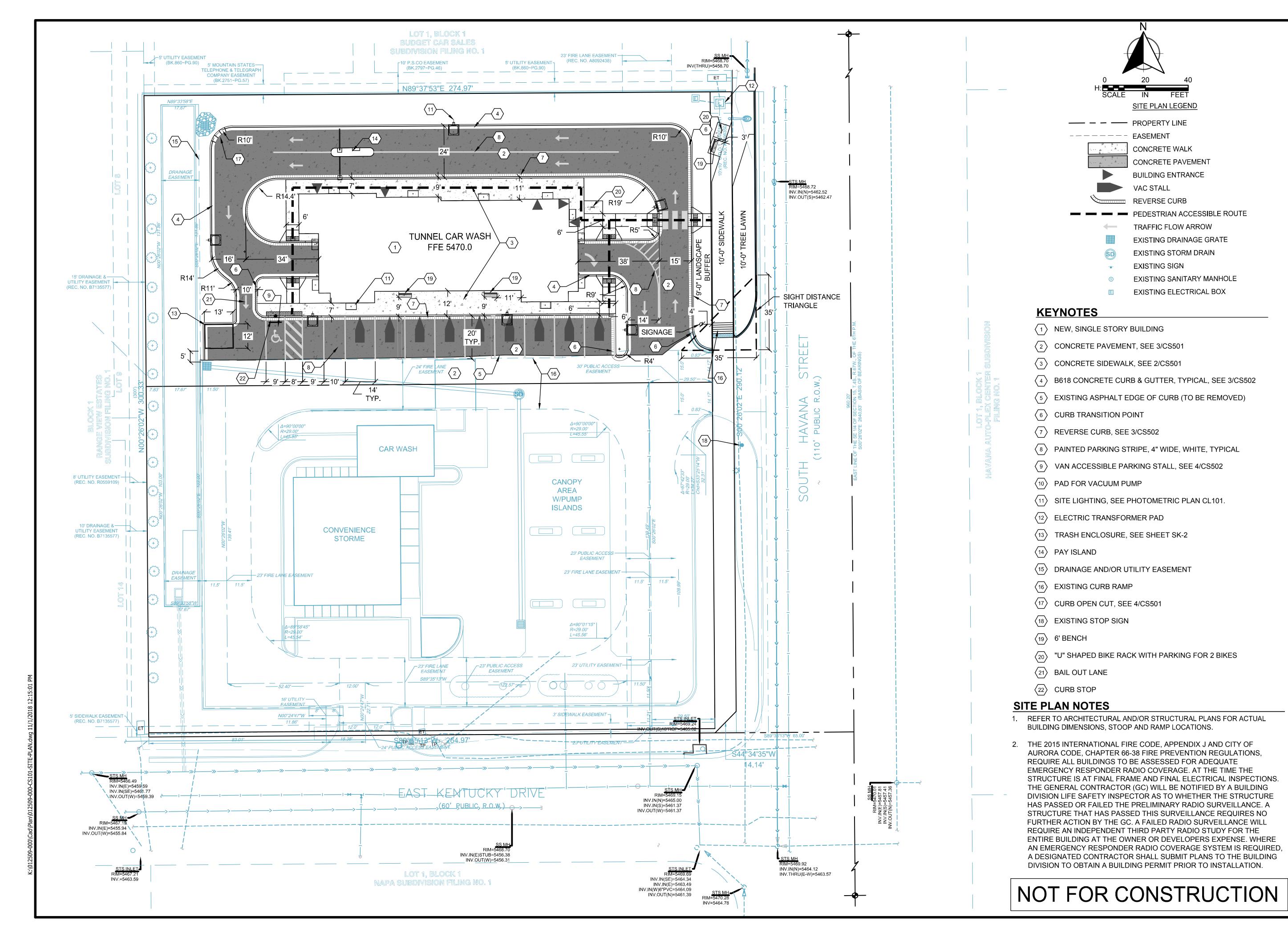
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DIRECT SUPERVISION, IN ACCORDANCE WITH ALL
APPLICABLE TOWN OF AURORA AND STATE OF
COLORADO STANDARDS AND STATUES,
RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE
FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID
PLANS.

BRIAN W. FRANK

57 SOUTH HAVANA STREE AURORA, COLORADO

GENERAL NOTES

CJ102



WSB

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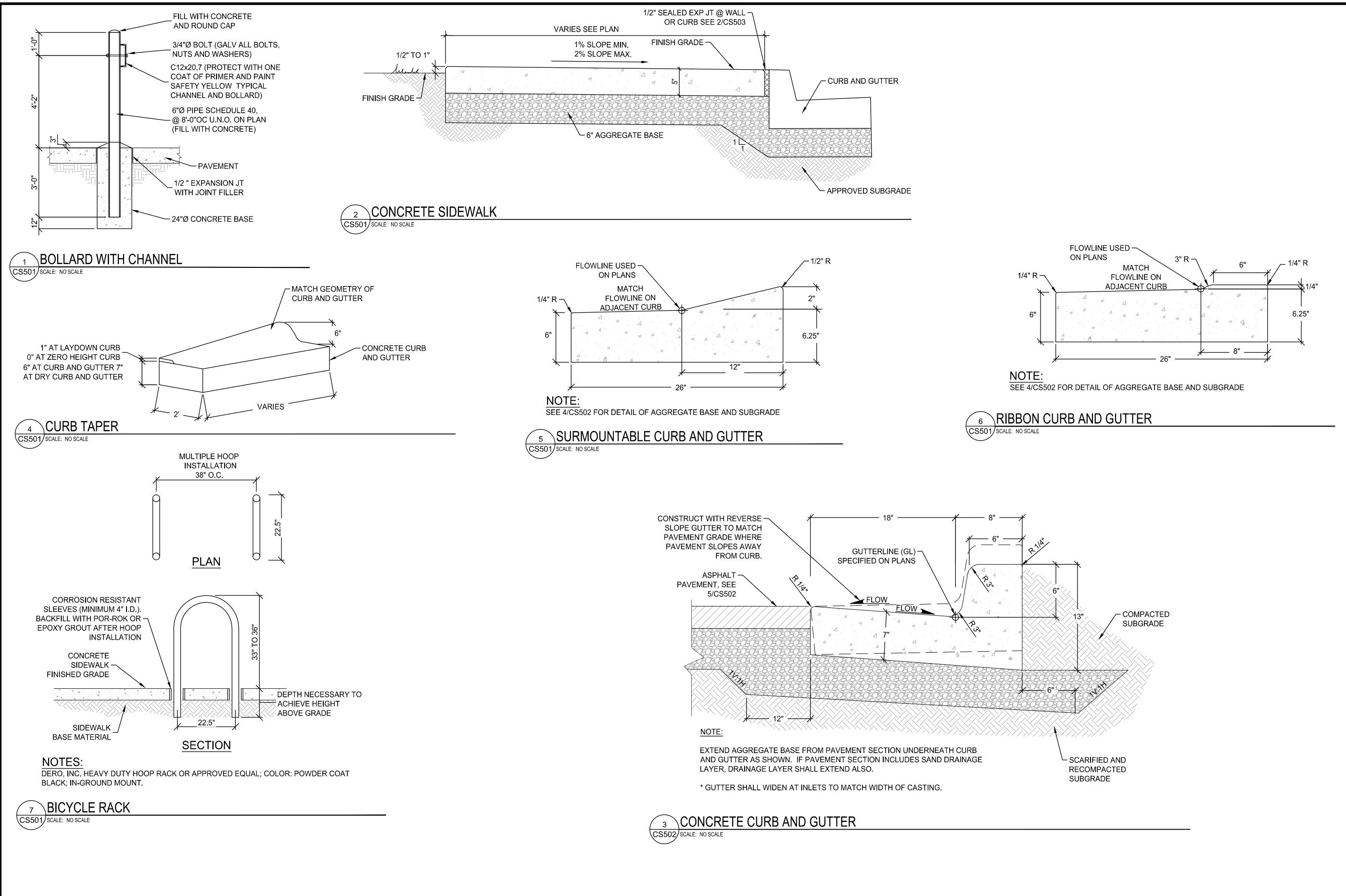
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BRIAN W. FRANK

LIVING WATER CAR WASH
AURORA, COLORADO

SITE PLAN

CS101



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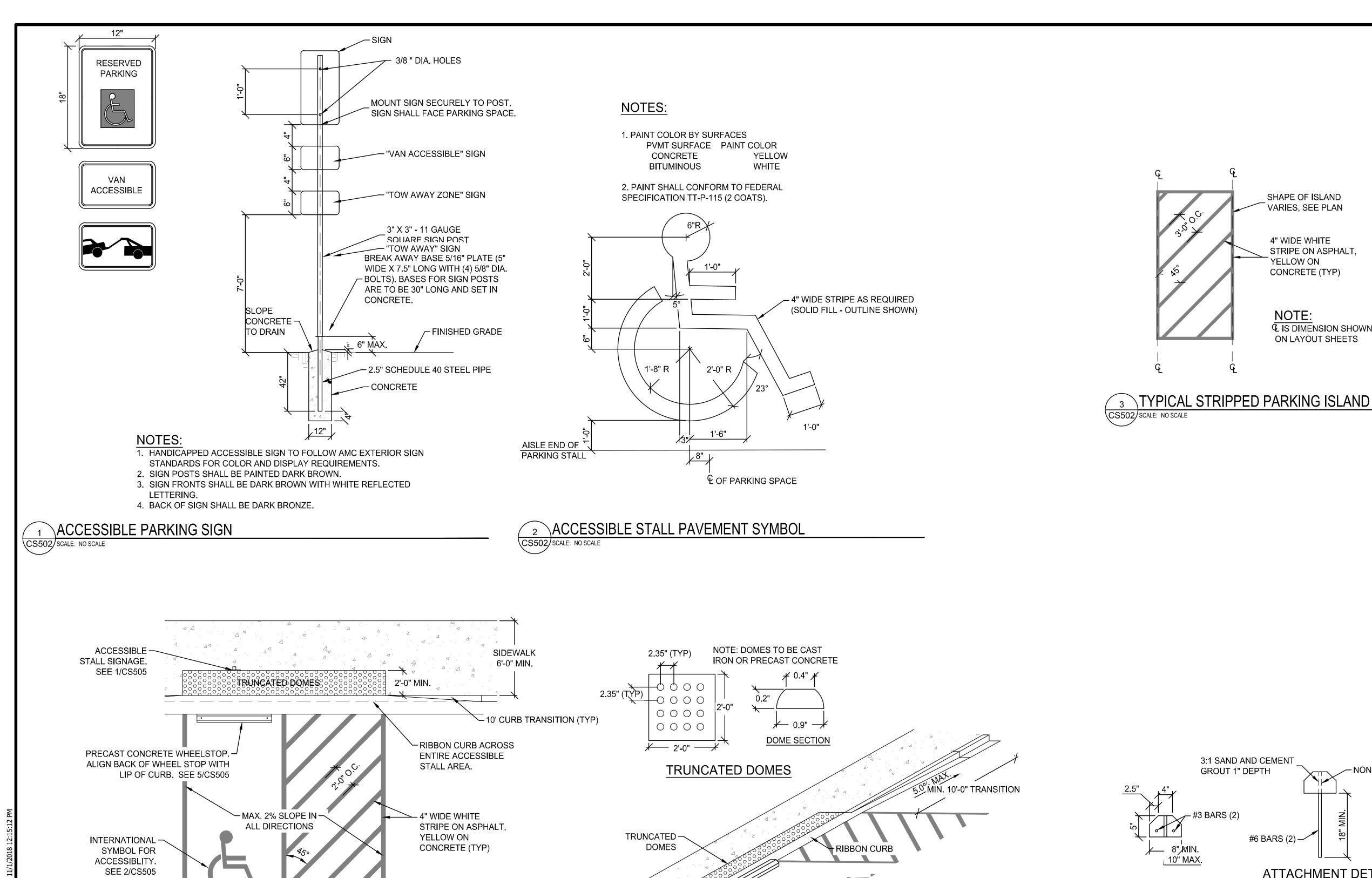
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SPECTIVELY; AND THAT I AM FULLY RESPONSIBLE
R ALL DESIGN AND REVISIONS RELATIVE TO SAID
NNS.

BRIAN W. FRANK

LIVING WATER CAR WASH
57 SOUTH HAVANA STREET

SITE DETAILS



— 8'-0" MIN. ———

TYPICAL ACCESSIBLE STALL LAYOUT

CS502 SCALE: NO SCALE

12" HIGH WHITE LETTERS —

NOTE: STALL DIMENSIONS ON SITE PLANS ARE TO **4** 

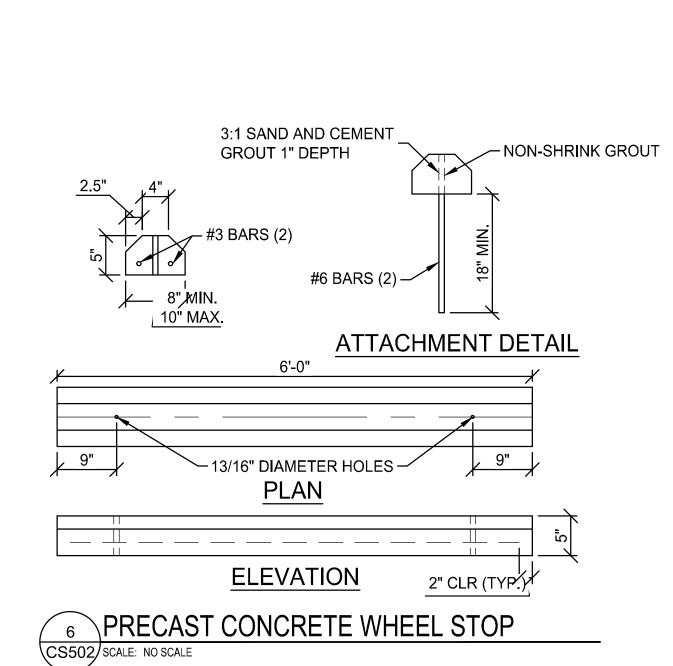
PLAN

10' CURB TRANSITION. PAVEMENT RISES UP 6" TO MEET SIDEWALK

ON GRADING PLAN.

PERSPECTIVE

ELEVATION. SIDEWALK DOES NOT DIP DOWN. REFER TO CURB ELEVATIONS



SHAPE OF ISLAND

VARIES, SEE PLAN

4" WIDE WHITE

CONCRETE (TYP)

YELLOW ON

NOTE:

STRIPE ON ASPHALT,

**L** IS DIMENSION SHOWN

ON LAYOUT SHEETS

NOT FOR CONSTRUCTION

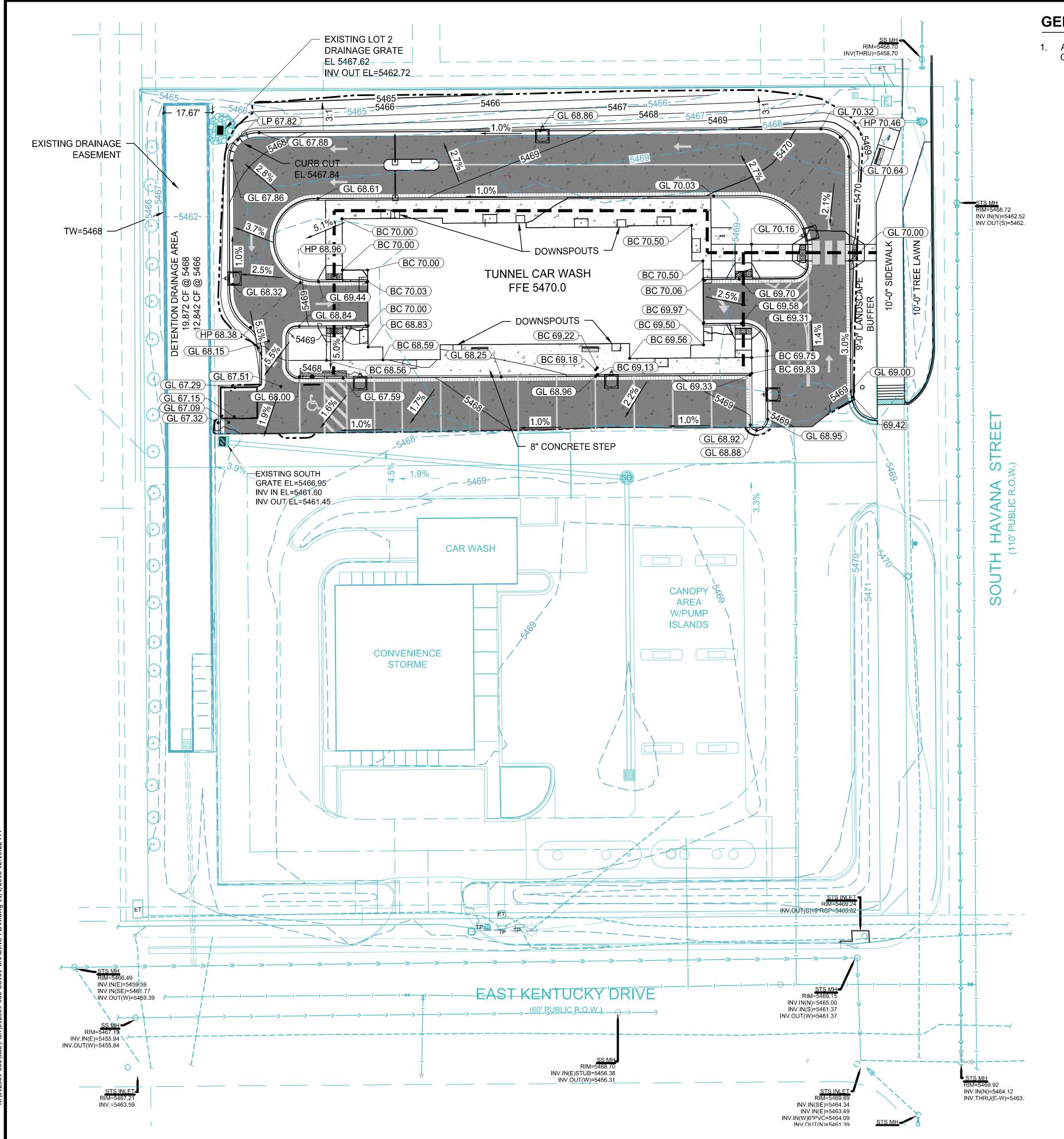
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**CAR WASH LIVING WATER** 

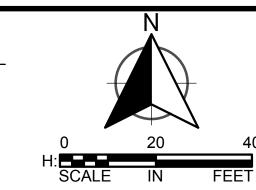
SITE DETAILS

CS502



#### **GENERAL NOTES**

 ALL STORM SEWER WITHIN THIS SITE IS PRIVATE AND WILL BE MAINTAINED BY PROPERTY OWNER.



GRADING PLAN LEGEND

PROPERTY LINE

— -- CONSTRUCTION LIMITS

HIGH POINT

CONCRETE WALK

CONCRETE PAVEMENT

PROPOSED CONTOUR

PROPOSED CONTOUR

**EXISTING SPOT ELEVATION** 

EXISTING CONTOUR

**GUTTER LINE** 

**LOW POINT** 

TOP OF WALL

**BUILDING CORNER** 

---- EASEMENT

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RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE
FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID
PLANS.
BRIAN W. FRANK

CAR WASH

**LIVING WATER** 

EARTHWORK

11 CY

596 CY

NOT FOR CONSTRUCTION

THIS IS AN ENGINEER'S ESTIMATE AND DOES NOT INCLUDE HOLD DOWNS OR ANY REQUIRED SOILS CORRECTIONS. CONTRACTOR RESPONSIBLE FOR VERIFYING ACTUAL REQUIRED EARTHWORK FOR SITE.

585 CY

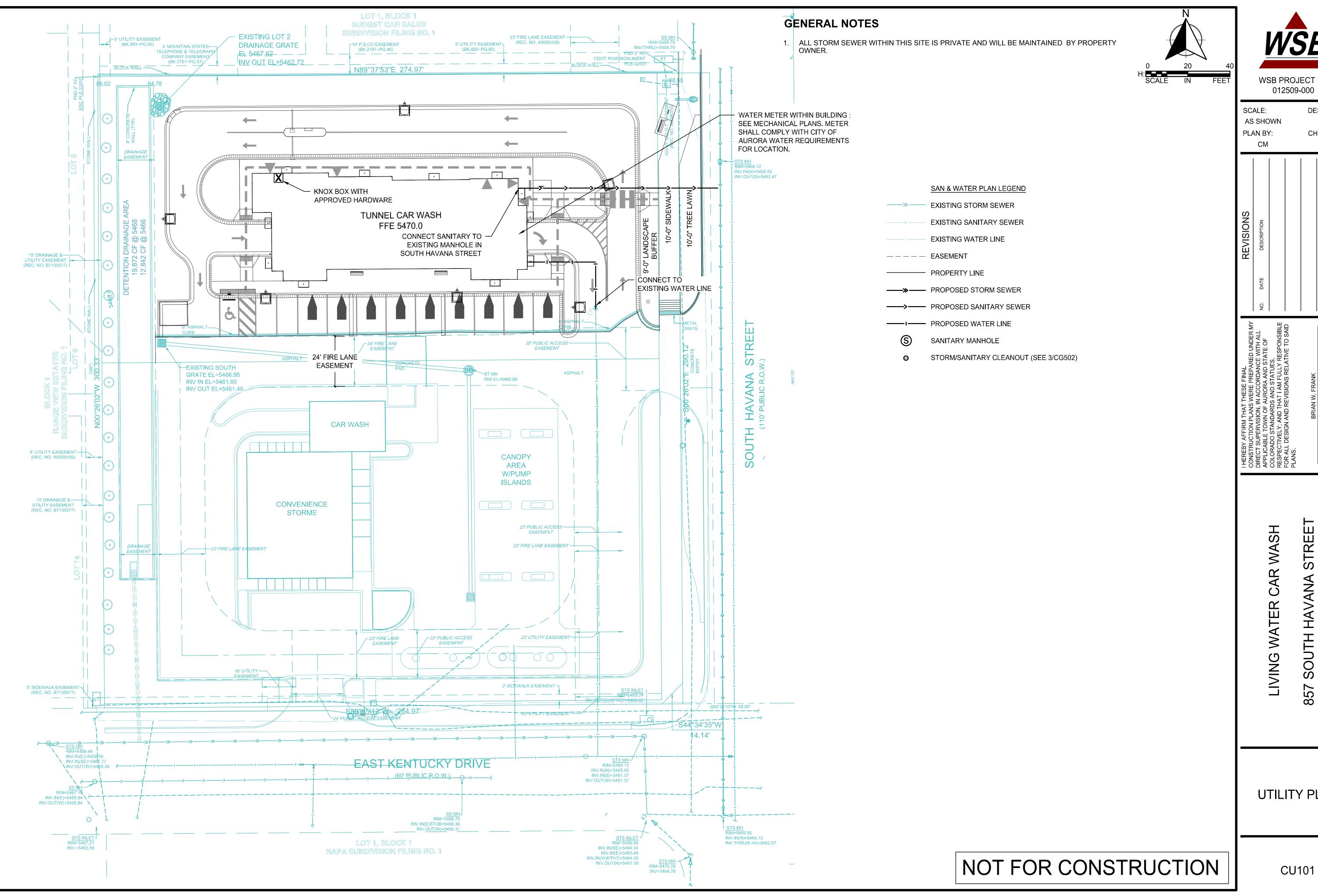
**RAW CUT** 

**RAW FILL** 

**NET FILL** 

TABULATION OF PROJECT AREAS				
TOTAL PROJECT AREA (CONSTRUCTION LIMITS)	0.62 ACRES			
IMPERVIOUS BEFORE DEVELOPMENT	0.00 ACRES (00%)			
IMPERVIOUS AFTER DEVELOPMENT	0.30 ACRES (48%)			

GRADING PLAN



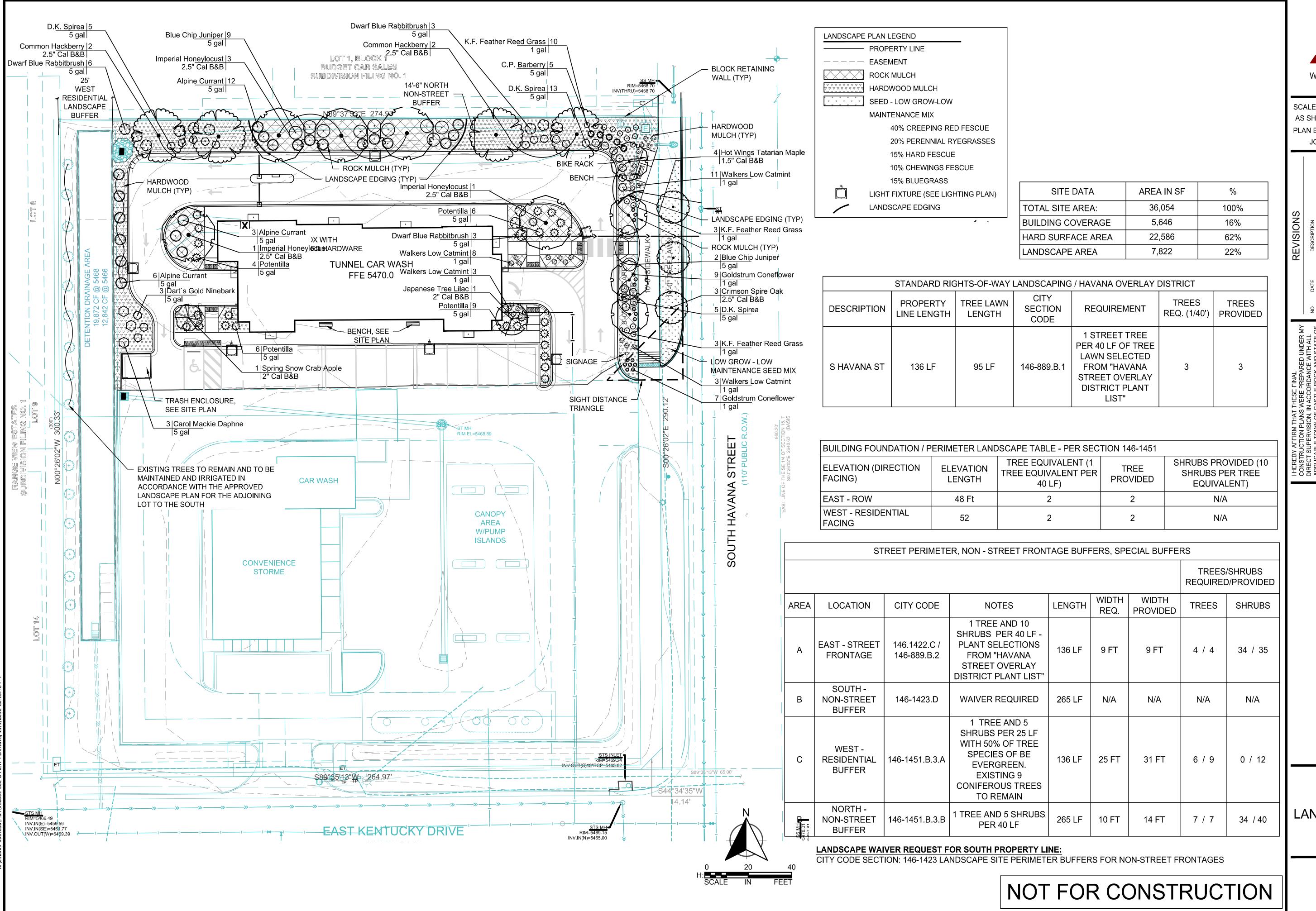
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> **CAR WASH LIVING WATER**

UTILITY PLAN

CU101





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PECTIVELY; AND THAT I AM FULLY RESPONSIBLE

ALL DESIGN AND REVISIONS RELATIVE TO SAID

NS.

EVA MARIE KELLY, PLA

LIVING WATER CAR WASH

LANDSCAPE PLAN

LS101

PRIOR TO MULCHING, LIGHTLY TAMP SOIL

TREE MUST MEET OR EXCEED ANSI Z60.1 (AMERICAN STANDARD FOR NURSERY STOCK.) ONE DOMINATE LEADER MUST BE MAINTAINED THROUGH THE WARRANTY PERIOD.

- EACH TREE MUST BE PLANTED SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOTBALL AND LEVEL WITH FINISH GRADE.

MULCH RING SHOULD BE MIN. 3" DEEP. KEEP MULCH 4" AWAY FROM TRUNK BASE.

4" HIGH EARTH SAUCER BEYOND EDGE OF ROOTBALL, FOR 360°.

SET ROOTBALL ON 4"-6" MOUND OF UNDISTURBED / NATIVE SOIL TO PREVENT SETTLING.

1 DECIDUOUS TREE PLANTING DETAIL
S501 Scale: NTS

PL	$\Delta NIT$	SCH	4FD	11 16	F

TREES	BOTANICAL NAME / COMMON NAME	CONT	QTY <u>L</u>	VATER JSAGE
	Acer tataricum `Hot Wings` / Hot Wings Tatarian Maple	1.5" Cal B&B	4	XX
	Celtis occidentalis / Common Hackberry	2.5" Cal B&B	4	X
2 · · · · · · · · · · · · · · · · · · ·	Gleditsia triacanthos `Imperial` / Imperial Honeylocust	2.5" Cal B&B	5	X
	Malus x `Spring Snow` / Spring Snow Crab Apple	2" Cal B&B	1	XX
	Quercus robur x alba `Crimson Spire` / Crimson Spire Oak	2.5" Cal B&B	3	XX
2	Syringa reticulata / Japanese Tree Lilac	2" Cal B&B	1	XX
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	QTY	
6.3	Berberis thunbergii `Crimson Pygmy` / C.P. Barberry	5 gal	5	X
$\odot$	Caryopteris x clandonensis `Dark Knight` / D.K. Spirea	5 gal	23	xxx
$\bigcirc$	Chrysothamnus nauseosus nauceosus / Dwarf Blue Rabbitbrush	5 gal	12	XXX
$\bigcirc$	Daphne x burkwoodii `Carol Mackie` / Carol Mackie Daphne	5 gal	3	XXX
$\odot$	Juniperus horizontalis `Blue Chip` / Blue Chip Juniper	5 gal	11	XX
$\bigcirc$	Physocarpus opulifolius `Dart`s Gold` / Dart`s Gold Ninebark	5 gal	3	XX
<del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	Potentilla fruticosa / Potentilla	5 gal	25	XX
$\odot$	Ribes alpinum / Alpine Currant	5 gal	21	XX
PERENNIALS	BOTANICAL NAME / COMMON NAME	SIZE	QTY	
	Calamagrostis x acutiflora `Karl Foerster` / K.F. Feather Reed Grass	1 gal	16	X
£3	Nepeta x faassenii `Walkers Low` / Walkers Low Catmint	1 gal	25	XX
$\bigcirc$	Rudbeckia fulgida `Goldstrum` / Goldstrum Coneflower	1 gal	16	XX

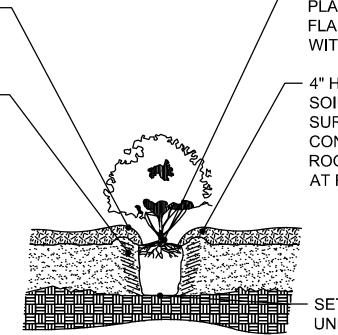
X-RATED = PLANTS NEED 1" OF WATER PER WEEK

XX-RATED = PLANTS NEED 1/2" OF WATER PER WEEK

XXX-RATED = PLANTS NEED 1/2" OF WATER EVERY TWO WEEKS

4" LAYER OF MULCH. NO MORE THAN — 1" OF MULCH ON TOP OF ROOT BALL. (SEE NOTES FOR MULCH).

PRIOR TO MULCHING, —
LIGHTLY TAMP SOIL AROUND
THE ROOT BALL IN 6" LIFTS
TO BRACE SHRUB. DO NOT
OVER COMPACT. WHEN THE
PLANTING HOLE HAS BEEN
BACKFILLED, POUR WATER
AROUND THE ROOT BALL TO
SETTLE THE SOIL.



EACH SHRUB SHALL BE
 PLANTED SO THAT THE ROOT
 FLARE IS VISIBLE AND LEVEL
 WITH FINISH GRADE.

— 4" HIGH x 8" ROUND - TOPPED SOIL BERM ABOVE ROOT BALL SURFACE SHALL BE CONSTRUCTED AROUND THE ROOT BALL. BERM SHALL BEGIN AT ROOT BALL PERIPHERY.

- SET ROOTBALL ON UNDISTURBED / NATIVE SOIL TO PREVENT SETTLING.

2 CONTAINER SHRUB DETAIL
5501 Scale: NTS

#### CITY OF AURORA STANDARD LANDSCAPE NOTES

1. ALL UTILITY EASEMENT SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY

2. THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF CERTIFICATES OF OCCUPANCY.

3. ALL LANDSCAPED AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRYLAND GRASS AREAS THAT COMPLY WITH REQUIREMENTS FOUND IN SEC. 146-1429 AND/OR SEC. 146-1435 MUST BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION, AND MAINTENANCE SHALL CONFORM TO REQUIREMENTS FOUND IN THE CITY OF AURORA IRRIGATION ORDINANCE.

#### ADDITIONAL LANDSCAPE NOTES

1. 'ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10'.

2. LANDSCAPE EDGING: LANDSCAPE EDGING TO BE STANDARD BLACK POLYETHYLENE VINYL LANDSCAPE EDGING, COMMERCIAL GRADE, V-LIPPED AND EXTRUDED IN STANDARD LENGTHS. INSTALL EDGING PER MANUFACTURER'S WRITTEN INSTRUCTION AND ACCESSORY MATERIALS. ANCHOR WITH 9" DEPTH STEEL STAKES SPACED APPROXIMATELY A MAXIMUM OF 36" APART, DRIVEN THROUGH V-LIP OF EDGING

3. HARDWOOD MULCH: MULCH TO BE DOUBLE SHREDDED HARDWOOD MULCH, NATURAL COLOR. FREE OF GROWTH OR GERMINATION INHIBITING INGREDIENTS. MULCH SHALL BE PLACED AROUND INDIVIDUAL TREES TO A FOUR-FOOT (4') DIAMETER, 6" DEEP (FOR TREES NOT LOCATED IN PLANTING BEDS). FOR PLANTING BEDS, MULCH SHOULD EXTEND OUT AS FAR OUT AS THE EDGE OF THE PLANTING BED OR EDGER, AS INDICATED ON THE LANDSCAPE PLAN, TO A DEPTH OF 4". KEEP AWAY FROM DIRECT CONTACT WITH THE STEM OR TRUNK OF ALL PLANT MATERIALS. MULCH SHALL BE INSTALLED WITHIN FORTY-EIGHT (48) HOURS OF PLANT INSTALLATION. REFER TO MULCH LOCATIONS AS INDICATED ON THE LANDSCAPE PLAN.

4. ROCK MULCH: ROCK MULCH TO BE 1 ½" RIVER ROCK, PLACE ROCK MULCH TO A DEPTH OF 4" IN PLANTING BEDS AS INDICATED ON THE LANDSCAPE PLAN.

5. ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.

WSB PROJECT NO.: 012509-000

SCALE: AS SHOWN PLAN BY: JG				SIGN JG IECK EK	BY:
REVISIONS	NO. DATE DESCRIPTION				

CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

EVA MARIE KELLY, PLA

LIVING WATER CAR WASH

LANDSCAPE DETAILS



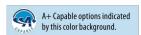
AS	ALE: SHC AN BY BWF	<b>/</b> :		SIGN ES IECK ES	BY:	
REVISIONS	DATE DESCRIPTION					

PHOTOMETRIC PLAN

**CAR WASH** 

**LIVING WATER** 

CL101



WST LED						
Series	Performance Package	Color temperature	Distribution	Voltage		Mounting
WST LED	P1 1,500 Lumen package P2 3,000 Lumen package P3 6,000 Lumen package	27K 2700 K 30K 3000 K 40K 4000 K 50K 5000 K	VF Visual comfort forward throw VW Visual comfort wide	MVOLT <sup>1</sup> 120 <sup>2</sup> 208 <sup>2</sup> 240 <sup>2</sup>	277 <sup>2</sup> 347 <sup>2</sup> 480 <sup>2</sup>	Shipped included (blank) Surface mounting bracket Shipped separately BBW Surface-mounted back box <sup>3</sup> PBBW Premium surface-mounted back box <sup>2,4</sup>

			I ! I		
Options				Finish (req	uired)
PE PER PER5 PER7 PIR PIR1FC3V PIRH PIRH1FC3V SF DF DS E7WH	Photoelectric cell, button type <sup>5</sup> NEMA twist-lock receptacle only (controls ordered separate) <sup>6</sup> Five-wire receptacle only (controls ordered separate) <sup>6</sup> Seven-wire receptacle only (controls ordered separate) <sup>6</sup> Motion/Ambient Light Sensor, 8–15' mounting height <sup>7,8</sup> Motion/ambient sensor, 8–15' mounting height, ambient sensor enabled at 1fc <sup>7,8</sup> 180° motion/ambient light sensor, 15–30' mounting height <sup>7,8</sup> Motion/ambient sensor, 15–30' mounting height, ambient sensor enabled at 1fc <sup>7,8</sup> Single fuse (120, 277, 347V) <sup>2</sup> Double fuse (208, 240, 480V) <sup>2</sup> Dual switching <sup>9</sup> Emergency battery backup, Non CEC compliant (7W) <sup>10</sup>	E7WC E7WHR E20WH E20WC E23WHR LCE RCE Shipped RBPW VG WG	Emergency battery backup, Non CEC compliant (cold, 7W) <sup>10,11</sup> Remote emergency battery backup, Non CEC compliant (remote 7W) <sup>10,12</sup> Emergency battery pack 18W constant power, CEC compliant <sup>10</sup> Emergency battery pack ~20°C 18W constant power, CEC compliant <sup>10,11</sup> Remote emergency battery backup, Non CEC compliant (remote 20W) <sup>10,11,13</sup> Left side conduit entry <sup>14</sup> Right side conduit entry <sup>14</sup> separately Retrofit back plate <sup>3</sup> Vandal guard <sup>15</sup> Wire quard <sup>15</sup>	DDBXD DBLXD DNAXD DWHXD DSSXD DDBTXD DBLBXD DNATXD DWHGXD DSSTXD	Dark bronze Black Natural aluminum White Sandstone Textured dark bronze Textured black Textured natural aluminun Textured white Textured sandstone

#### Accessories

WSTVCPBBW DDBXD U Premium Surface - mounted back box WSBBW DDBTX U Surface - mounted back box RBPW DDBXD U Retrofit back plate

2 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.

3 Also available as a separate accessory; see accessories information.

4 The translate with PBBW.

4 Comes with PBBW.

5 Comes with PBBW.

6 Comes with PBBW.

7 Comes with PBBW. 4 Top conduit entry standard. 5 Need to specify 120, 208, 240 or 277 voltage.

Photocell ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
 Not available with VG or WG. See PER Table.

## NOTES 8 Reference Motion Sensor table. 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz) 9 Not available with Emergency options, PE or PER options. 14 Not available with BBW.

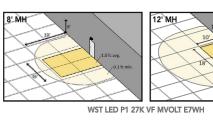
15 Must order with fixture; not an accessory.

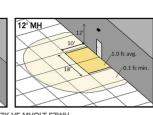
The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency backup configurations include an independent secondary driver with an integral relay to immediately detect AC power loss, meeting interpretations of NFPA 70/NEC 2008 - 700.16 The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per International Building Code Section 1006 and NFPA 101 Life Safety Code Section 7.9, provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions. The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 power package and VF distribution product in emergency mode.

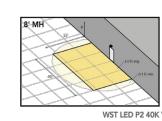
**Emergency Battery Operation** 

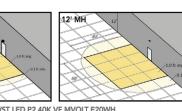
10' x 10' Gridlines 8' and 12' Mounting Height

LITHONIA LIGHTING.









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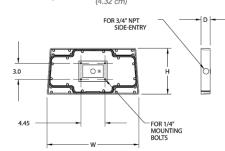


## **Specifications**

Luminaire Width:

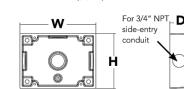
Optional Back Box (PBBW)

(21.56 cm)



Optional Back Box (BBW)

5-1/2" (14.0 cm) 1-1/2" (3.8 cm)



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#### **4** Capable Luminaire

designed and tested to provide consistent color appearance and system-level interoperability.

 All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency

This item is an A+ capable luminaire, which has been

- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background<sup>1</sup>

To learn more about A+, visit <u>www.acuitybrands.com/aplus</u>.

See ordering tree for details.

A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: <u>Link</u> to Roam; Link to DTL DLL

Rev. 06/21/18





This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability. All configurations of this luminaire meet the Acuity

Brands' specification for chromatic consistency This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+

specification for luminaire to photocontrol

- interoperability1 • This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded
- background<sup>1</sup> To learn more about A+,
- visit www.acuitybrands.com/aplus. 1. See ordering tree for details.
- 2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold

	pable options indicated color background.								M node per lumi Link to Roam; Lin	
Orderin	ng Information				E	XAMPLE: D	SX1	LED	P7 40K T3M N	VOLT SPA DDBXD
DSX1LED										
Series	LEDs	Color temperature					Volt			
DSX1 LED	P1	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted <sup>2</sup>	T2S Tyr T2M Tyr T3S Tyr T3M Tyr T4M Tyr TFTM Fo	pe I short pe II short pe II medium pe III short pe III medium pe IV medium rward throw pe IV very short	T5S T5M T5W BLC LCCO	Type V short Type V medium Type V wide Backlight control <sup>2,3</sup> Left corner cutoff <sup>2,3</sup> Right corner cutoff <sup>2,3</sup>	MV0 120 208 240 277 347 480	5,6 5,6 6 5,6,7	RPA Round WBA Wall bi SPUMBA Square RPUMBA Round Shipped separately KMA8 DDBXD U Mast a	e pole mounting pole mounting racket pole universal mounting adaptor <sup>8</sup> pole universal mounting adaptor <sup>8</sup> rm mounting bracket adaptor by finish) <sup>9</sup>
Control option								Other		
PER NE	alled ight AIR generation 2 enabled <sup>10</sup> EMA twist-lock receptacle only (contr	The second secon		PIRH1FC3V BL30	mounting enabled at	notion/ambient sensor, 15– height, ambient sensor : 1fc <sup>5,15,16</sup> vitched dimming, 30% <sup>5,1</sup>		<b>Ship</b> HS SF	ped installed House-side shield <sup>21</sup> Single fuse (120, 277, 347V) <sup>6</sup>	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum

ontrol options			Other			
ILITAIR2 nLight AIR generation 2 enabled <sup>10</sup> ILITAIR2 NEMA twist-lock receptacle only (controls ordered separate) 11,12  ILITAIR2 Seven-wire receptacle only (controls ordered separate) 11,12  ILITAIR2 Se	BL30 BL50 PNMTDD3 PNMT5D3 PNMT6D3 PNMT7D3 FAO	Bi-level, motion/ambient sensor, 15–30' mounting height, ambient sensor enabled at 1fc <sup>-5,15,16</sup> Bi-level switched dimming, 30% <sup>5,14,18</sup> Bi-level switched dimming, 50% <sup>5,14,18</sup> Part night, dim till dawn <sup>5,19</sup> Part night, dim 5 hrs <sup>5,19</sup> Part night, dim 6 hrs <sup>5,19</sup> Part night, dim 7 hrs <sup>5,19</sup> Field adjustable output <sup>20</sup>	HS SF DF L90 R90	House-side shield 21 Single fuse (120, 277, 347V) 6 Double fuse (208, 240, 480V) 6 Left rotated optics 1 Right rotated optics 1 Pred separately Bird spikes <sup>22</sup> External glare shield <sup>22</sup>	DDBXD DBLXD DNAXD DWHXD DDBTXD DBLBXD DNATXD DWHGXD	Dark bronze Black Natural aluminun White Textured dark bro Textured black Textured natural aluminum Textured white



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Rev. 07/25/18 Page 1 of 7

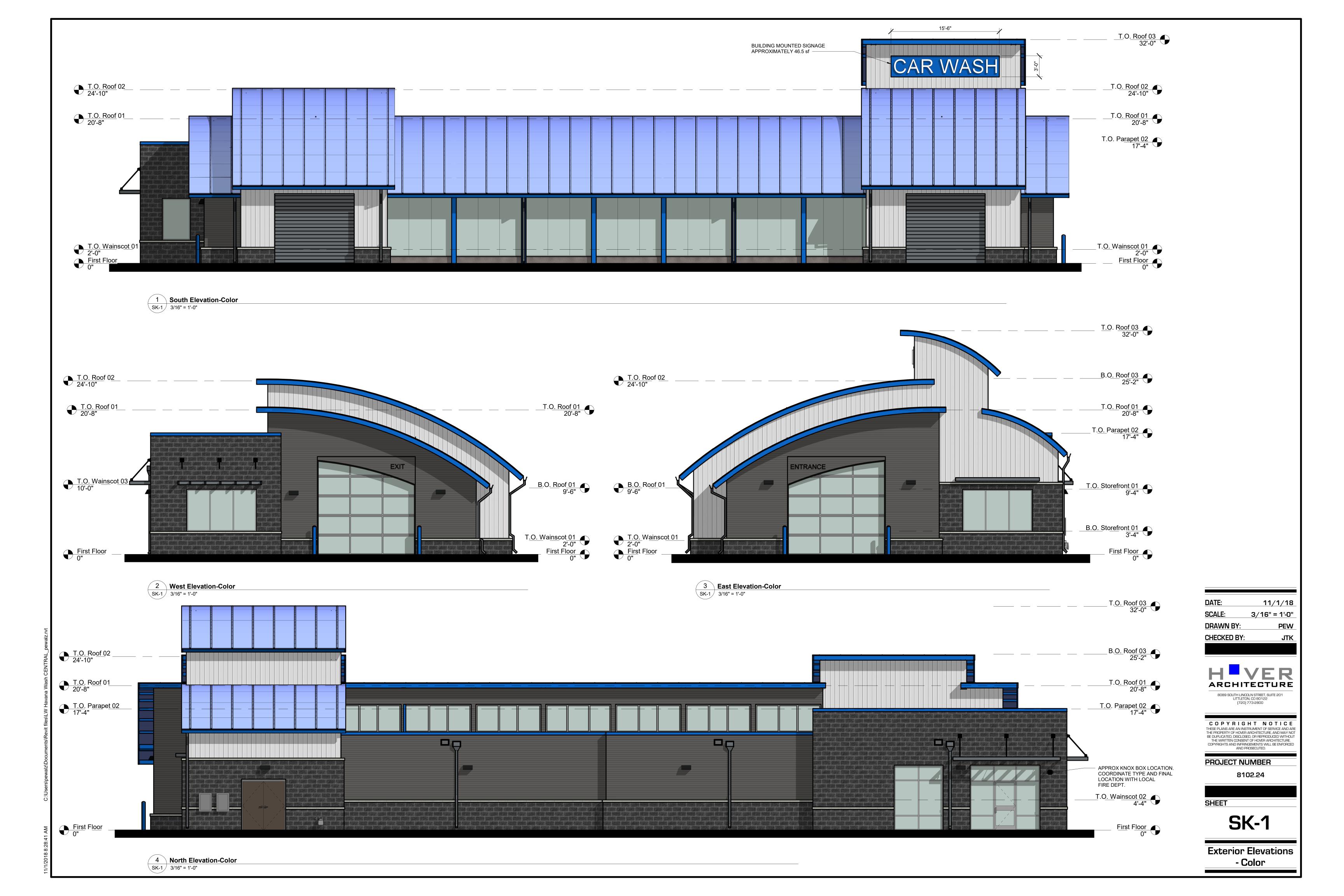


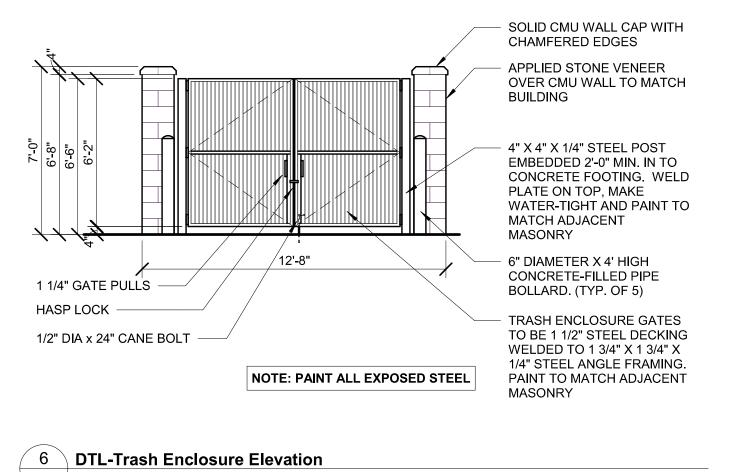
AS	SCALE: AS SHOWN PLAN BY: CM				DESIGN BY MH CHECK BY: BF				
REVISIONS	NO. DATE DESCRIPTION								

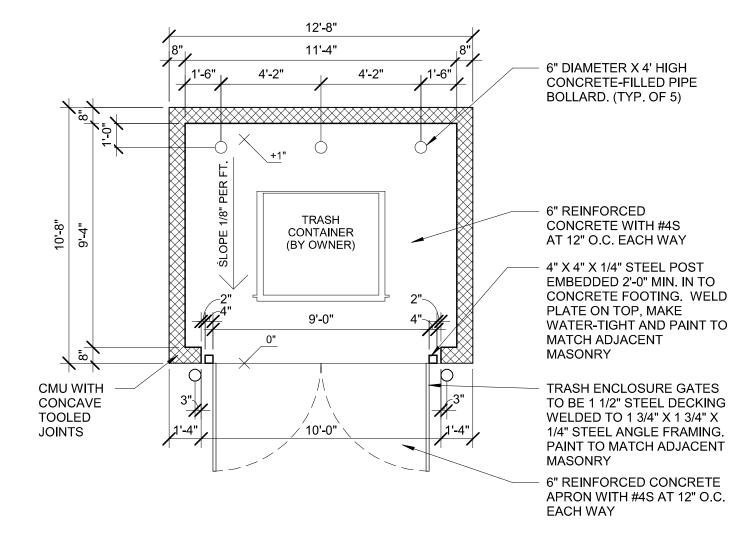
CAR WASH **LIVING WATER** 

PHOTOMETRIC CUT SHEETS

CL501



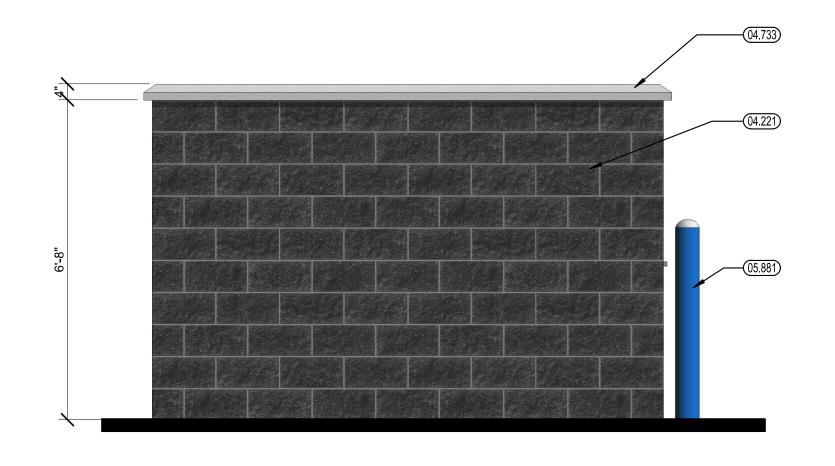




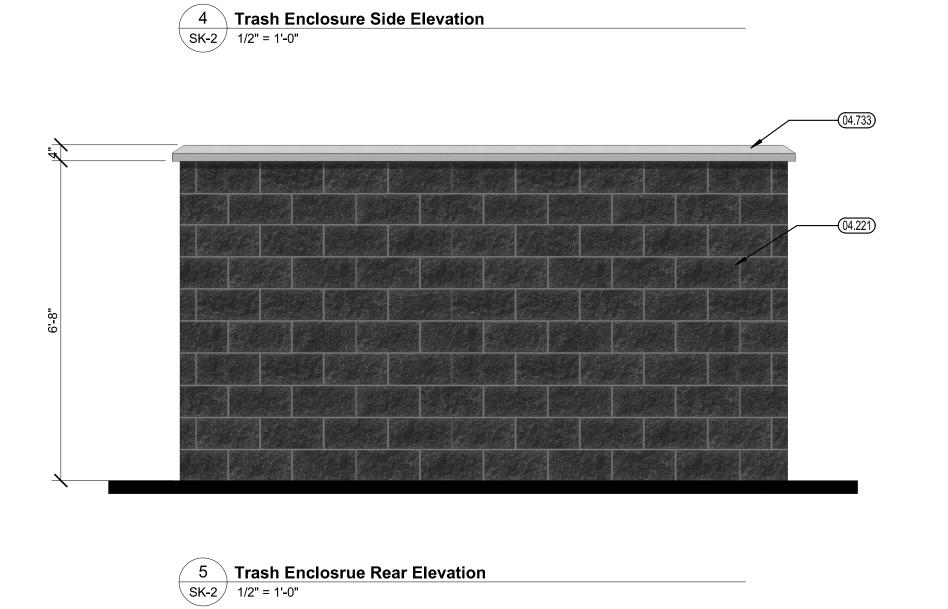
1 DTL-Trash Enclosure Plan
SK-2 1/4" = 1'-0"

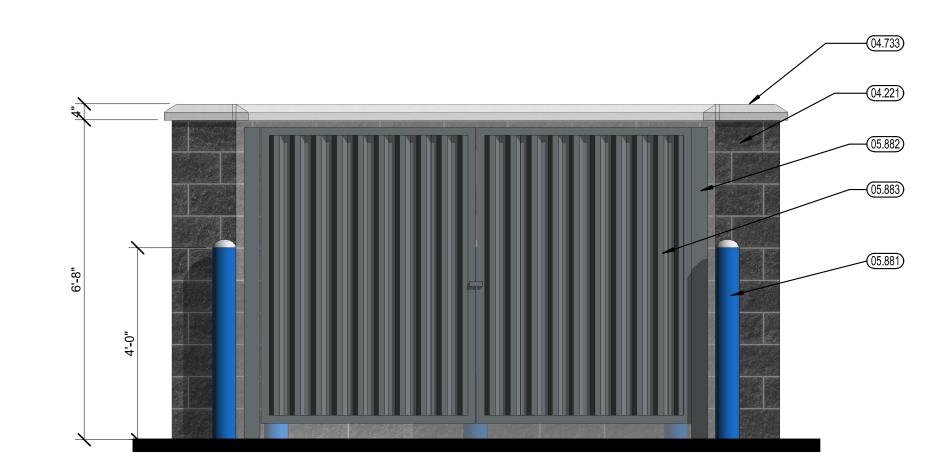
7 Perspective Trash Enclosure SK-2

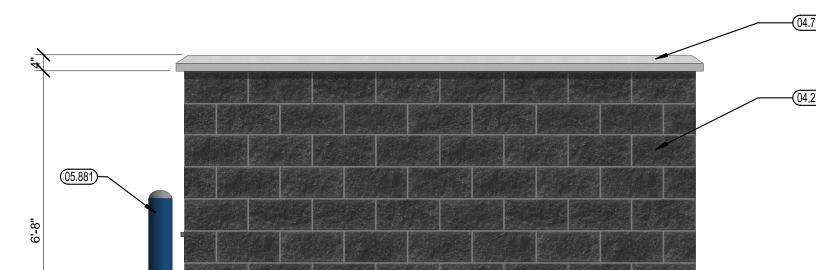
KEYNOTES					
Key Value	Keynote Text				
04.221	8" NOMINAL SPLIT-FACED CMU; CMU-1, RE: STRUCTURAL.				
04.733	PRE-CAST STONE CAP, BASIC CONCRETE GREY				
05.881	6" DIA, 48" TALL CONCRETE FILLED PIPE BOLLARD. PAINT TO MATCH PT-1				
05.882	4" SQ GATE POST, PAINT TO MATCH PT-2				
05.883	SWING GATE, 2X2 ANGLE FRAME WITH METAL DECK INFILL, PAINT TO MATCH PT-2				



SK-2 1/4" = 1'-0"







2 Trash Enclosure Front Elevation
SK-2 1/2" = 1'-0"

3 Trash Enclosure Side Elevation
SK-2 1/2" = 1'-0"

11/1/18
As indicated
PEW
JTK



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8102.24

PROJECT NUMBER

SHEET

SK-2

Trash Enclosure





SCALE:

DRAWN BY: PEW

CHECKED BY: JTK



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PROJECT NUMBER 8102.24

SHEET

SK-

Rendering