

# FULLER'S CAR WASH

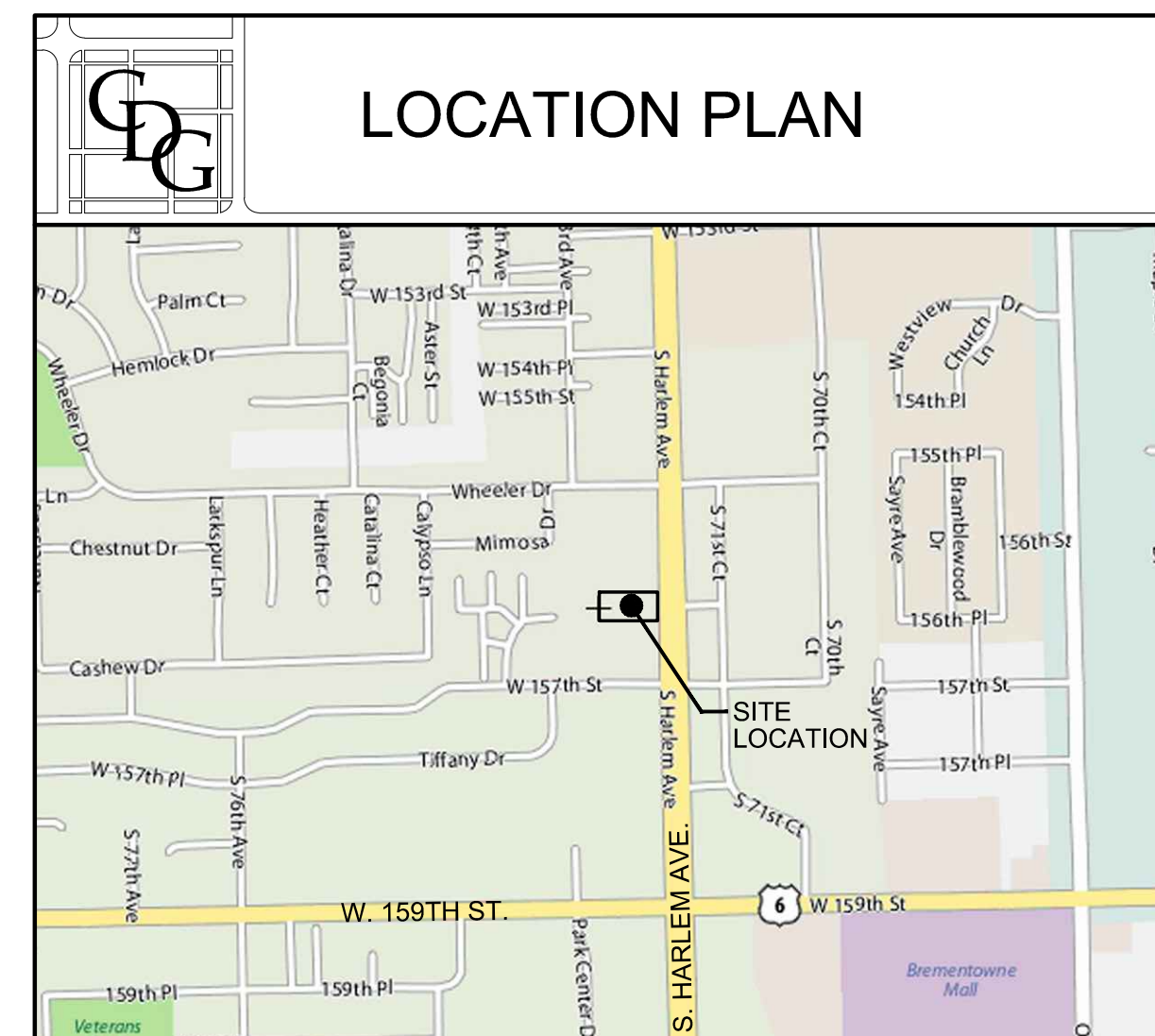
## 156th St. & S. Harlem Ave.

### Car Wash Renovation & Site Improvements

### RE-ISSUE: SITE PLAN REVIEW 4-1-10



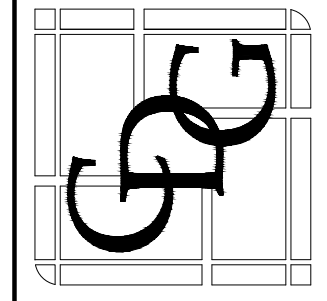
INDEX OF DRAWINGS	
G001	COVER SHEET
RENDERINGS	EXISTING VIEW FROM NORTHEAST
	PROPOSED RENDERED VIEW FROM NORTHEAST
	EXISTING VIEW FROM SOUTHEAST
	PROPOSED RENDERED VIEW FROM SOUTHEAST
	PROPOSED RENDERED BIRDS EYE VIEW OF SITE
G101	SIGNAGE & TRASH ENCLOSURE
080097	PLAT OF SURVEY (2008)
S-1	TOPOGRAPHIC SURVEY (2010)
A001	PROPOSED SITE PLAN
A002	CIRCULATION PLAN
A201	BUILDING ELEVATIONS
A203	CANOPY ELEVATIONS
LO-100218	PHOTOMETRICS
L1	LANDSCAPE PLAN



SCOPE OF WORK
THIS IS A REMODEL OF AN EXISTING TUNNEL CAR WASH WITH AN ADDITION OF A TOWER OVER THE STREET SIDE END OF THE BUILDING, ALONG WITH NEW CANOPIES FOR VACUUMS AND THE PAY POINT ON THE SITE.

NO.	REVISIONS	DATE	BY
-	ISSUED FOR CLIENT REVIEW	01-12-10	RT
-	ISSUED TO ZONING	01-26-10	RT
-	ISSUED FOR PLAN REVIEW	02-17-10	RT
1	REV. PER 3/22/10 STAFF MTG.	03-25-10	RT
-	RE-ISSUED TO ZONING	04-01-10	RT

CORPORATE DESIGN + DEVELOPMENT GROUP, LLC  
 2075 PRATTMAN AVE.  
 HOFFMAN ESTATES, ILLINOIS 60132  
 WWW.CDDGROUP.COM  
 IL PROFESSIONAL REGISTRATION NUMBER: 164-000413



**ORLAND PARK, ILLINOIS**  
 156th St. & S. Harlem Ave.  
 Car Wash Renovation & Site Improvements

**FULLER'S \$3 EXPRESS CAR WASH**

**COVER SHEET**

DATE:	12-11-09
SCALE:	AS SHOWN
DRAWN:	RT
CHECK:	CK
JOB:	D09059
SHEET:	G001

NOT FOR CONSTRUCTION



CAR WASH

CRYSTAL COVE  
*Auto Wash*  
WAX & POLISH • SHINE & SHINE  
WAX & POLISH • SHINE & SHINE  
WAX & POLISH • SHINE & SHINE  
WAX & POLISH • SHINE & SHINE  
15814

Classic  
CAR WASH  
SPRING HAS SPRINGS  
GET A DETAIL DONE

CHASE





Pete's \$3 EXPRESS  
CARWASH  
CLEAN CAR

CHASE

Pete's \$3 EXPRESS  
CARWASH

Pete's \$3 EXPRESS  
CARWASH

CRYSTAL COVE  
Office Market  
15614



CAR WASH

Classic  
CAR WASH  
WASH  
BUY 4 CAR



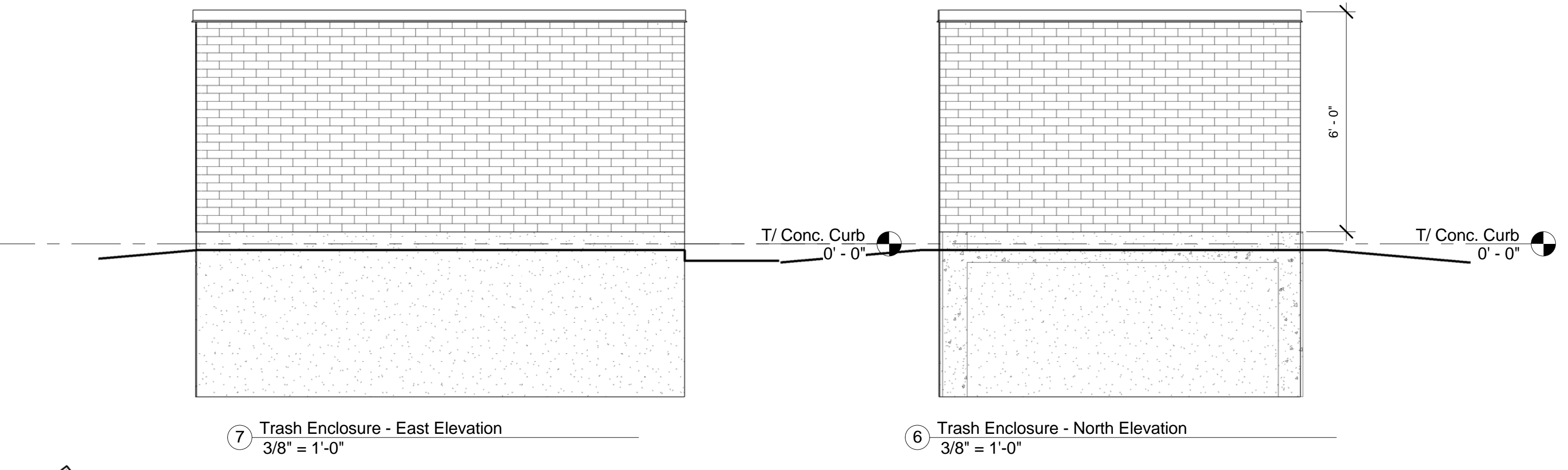
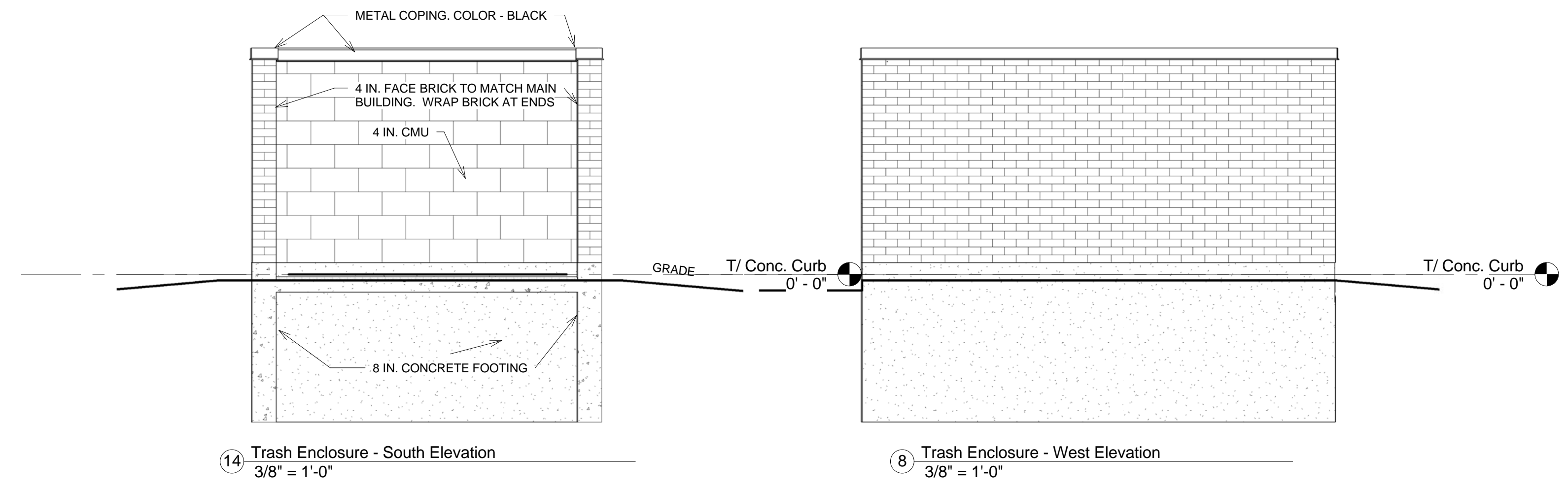


Zeller's \$3 EXPRESS CARWASH

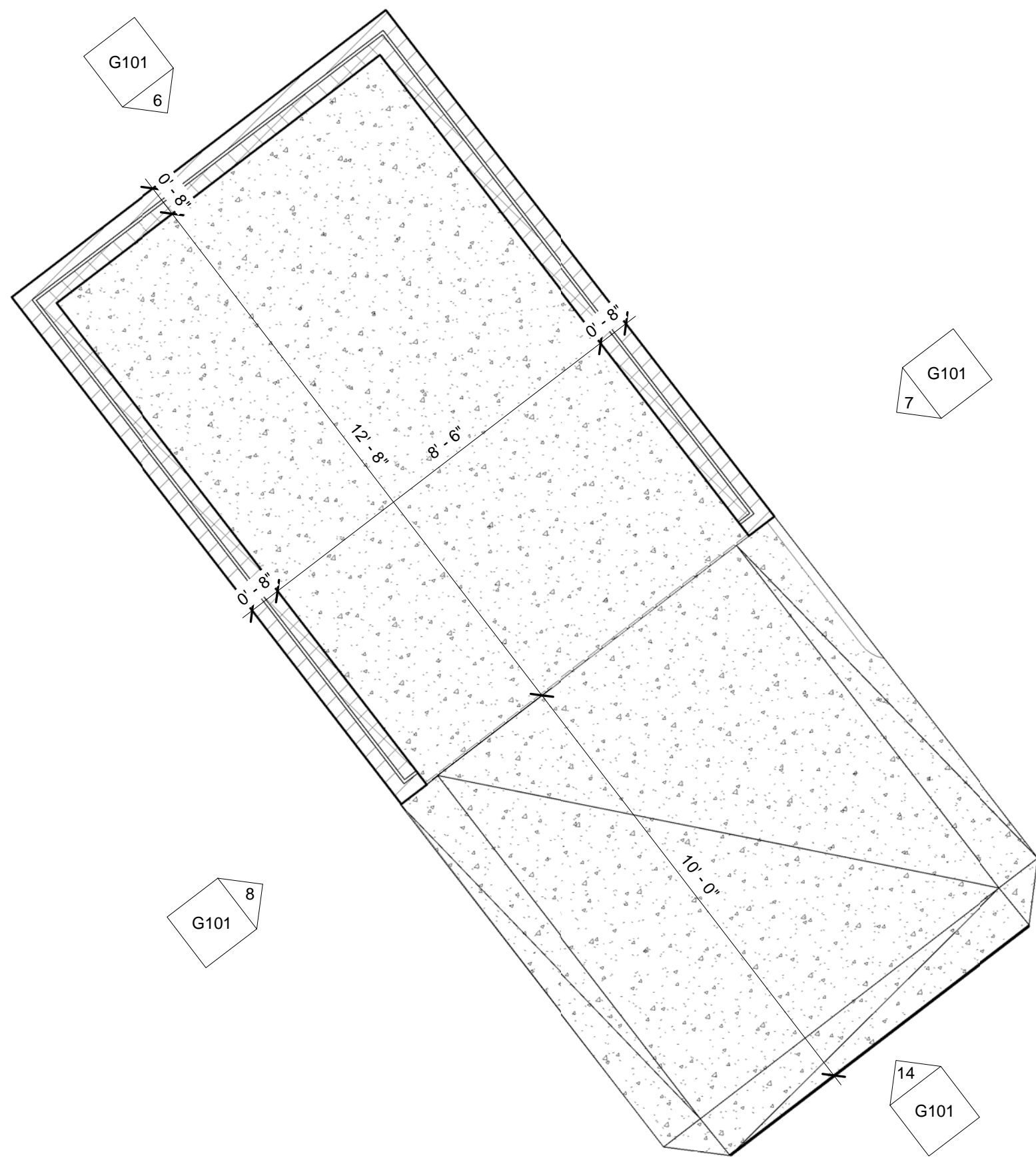
Zeller's \$3 EXPRESS CARWASH

Zeller's \$3 EXPRESS CARWASH IN A CLEAN CAR

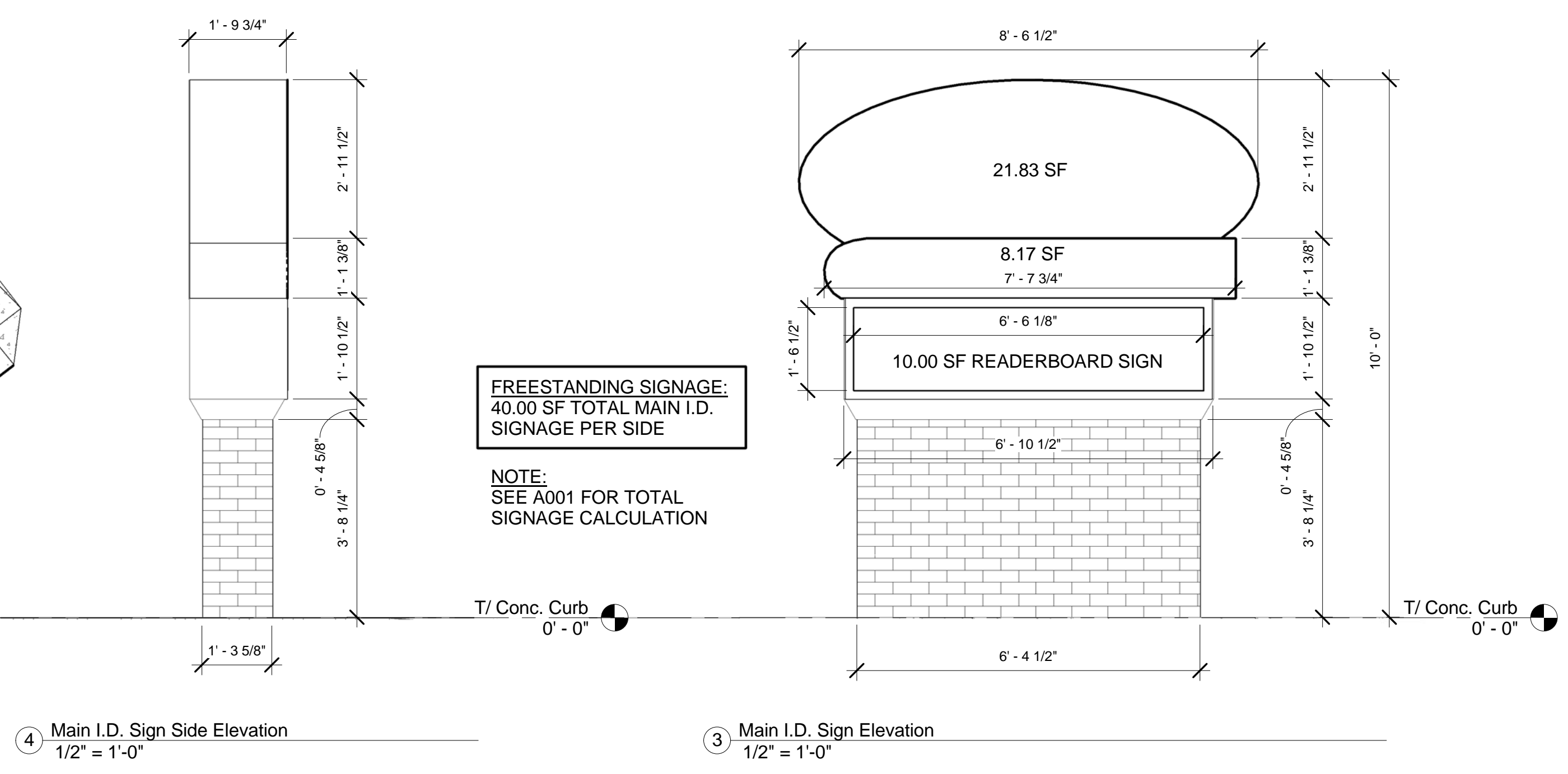




1 Trash Enclosure  
12" = 1'-0"



5 Trash Enclosure Plan  
3/8" = 1'-0"



4 Main I.D. Sign Side Elevation  
1/2" = 1'-0"

3 Main I.D. Sign Elevation  
1/2" = 1'-0"

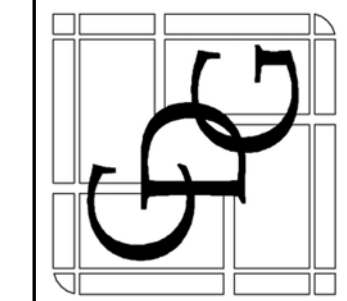


2 Main I.D. Sign - Copper Swish  
12" = 1'-0"

K:\2009 PROJECTS\090509 Fuller - Orland Park, IL\100 CURRENT\Rev\090509 - Car Wash Model.rvt 4/12/2010 4:24:38 PM

NO.	REVISIONS	DATE	BY
1	ISSUED FOR CLIENT REV.	1-12-10	RT
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3	ISSUED FOR PLAN REV.	2-17-10	RT
4	REV PER 3/22/10 STAFF MTG	3-25-10	RT
5	RE-ISSUE PLAN REVIEW	4-1-10	RT

CORPORATE DESIGN + DEVELOPMENT GROUP, LLC  
 3427 BRYAN AVE  
 NORTHMAN ESTATES, IL 60062-6912  
 PH: 224-293-8666  
 WWW.CDCDCLL.COM  
 IL PROFESSIONAL DESIGN FIRM NO. 184-000113



ORLAND PARK, ILLINOIS  
 156th ST. & S. Harlem Ave.  
 Car Wash Renovation & Site Improvements

FULLER  
 CAR WASH

Signage & Trash  
 Enclosure

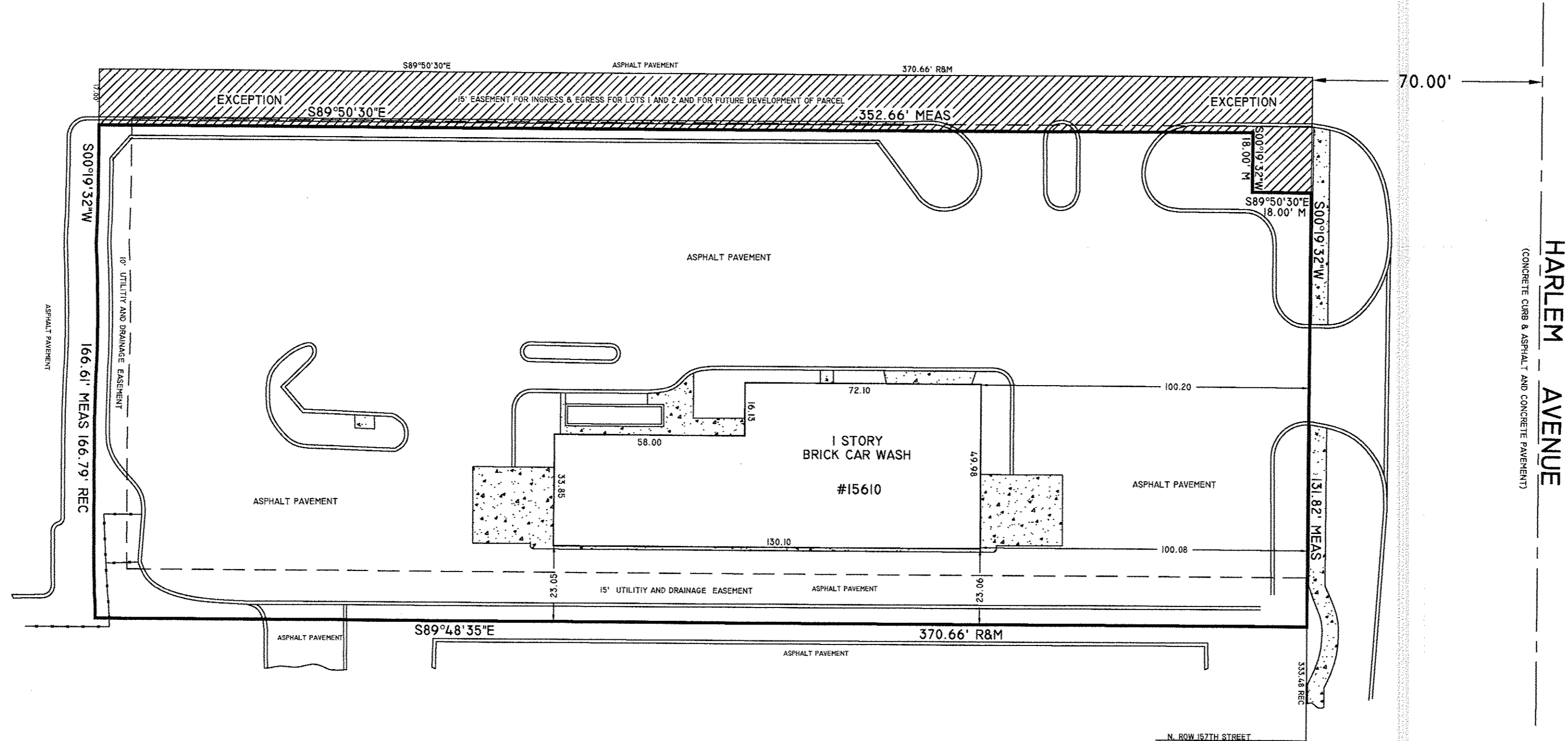
DATE:	12-16-09
SCALE:	As indicated
DRAWN:	Author
CHECK:	Checker
JOB:	D09059
SHEET:	G101

NOT FOR CONSTRUCTION

# PLAT OF SURVEY

LOT 1, EXCEPT THE NORTH 17.00 FEET THEREOF AND ALSO EXCEPT THE SOUTH 18.00 FEET OF THE NORTH 35 FEET OF THE EAST 18.00 FEET THEREOF, IN MITDIERO'S SUBDIVISION, BEING A SUBDIVISION OF LOT 1 IN CLEARVIEW GARDENS, A SUBDIVISION OF PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 13, TOWNSHIP 36 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

PIN # 27-13-401-039-0000



SCALE: 1"=30'  
BASES OF BEARING IS ASSUMED

**WINEMILLER & ASSOCIATES**  
PROFESSIONAL LAND SURVEYORS  
ILLINOIS & INDIANA

3340 WEST 194TH STREET, HOMEWOOD, ILLINOIS 60430  
PHONE (708)799-1098 FAX (708) 799-1698

CLIENT: JOHN DOERING
ATTORNEY AT LAW
JOB NO. 080101 DESCRIPTION: PLAT OF SURVEY 15610 HARLEM
C:\LAND PROJECTS 3\080097\DWG\080097.DWG 6/20/2008 9:02:01 AM CST

STATE OF ILLINOIS )  
                          ) SS  
COUNTY OF COOK   )

I SAMUEL R. WINEMILLER, CERTIFY THAT I HAVE SURVEYED THE PROPERTY DESCRIBED HEREON AND THAT THE PLAT HEREON DRAWN IS A CORRECT REPRESENTATION OF SAID SURVEY. ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

HOMERWOOD, ILLINOIS, JULY 7, 2008.

LICENSE EXPIRES 11/30/08  
PROFESSIONAL LAND SURVEYOR NO. 035-03233

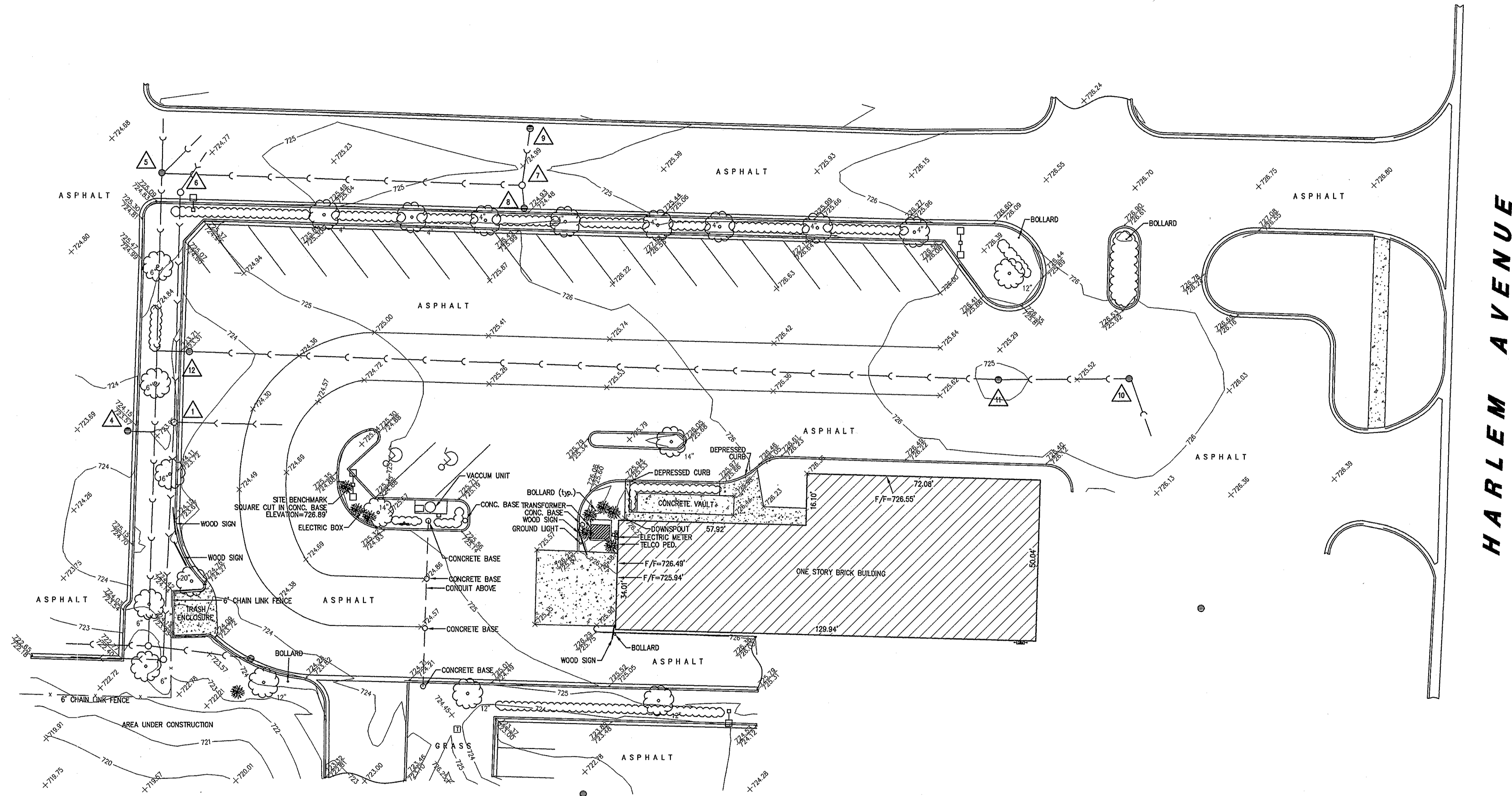
COMPARE ALL POINTS BEFORE BUILDING AND REPORT ANY DIFFERENCES AT ONCE. FOR BUILDING LINES, EASEMENTS AND OTHER RESTRICTIONS NOT SHOWN HEREON REFER TO YOUR DEED, CONTRACT, TITLE POLICY, ZONING ORDINANCE, ETC.





# TOPOGRAPHIC SURVEY

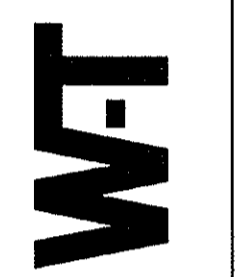
- 1 RM-724.03(SAN)  
48" CONCRETE STRUCTURE  
INV=715.35(8" CLAY N, S & E)
- 2 RM-722.46(STORM)  
48" CONCRETE STRUCTURE  
INV=715.88(21" RCP N & W)  
INV=717.46(12" RCP E)
- 3 RM-723.05(SAN)  
48" CONCRETE STRUCTURE  
INV=713.80(12" CLAY N & W)
- 4 RM-723.55(STORM)  
24" CONCRETE STRUCTURE  
INV=717.91(12" RCP E)
- 5 RM-724.28(STORM)  
60" CONCRETE STRUCTURE  
INV=718.95(12" RCP N)  
INV=717.11(18" RCP NE)  
INV=719.95(12" RCP E)  
INV=716.95(21" RCP S)
- 6 RM-724.54(SAN)  
48" CONCRETE STRUCTURE  
INV=715.14(8" CLAY NE & S)
- 7 RM-724.79(STORM)  
48" CONCRETE STRUCTURE  
INV=720.84(12" RCP N, S & W)
- 8 RM-724.49(STORM)  
24" CONCRETE STRUCTURE  
INV=721.09(12" RCP W)
- 9 RM-724.28(STORM)  
24" CONCRETE STRUCTURE  
INV=721.08(12" RCP SW)
- 10 RM-725.25(STORM)  
48" CONCRETE STRUCTURE  
INV=721.49(12" RCP W & SE)
- 11 RM-724.78(STORM)  
48" CONCRETE STRUCTURE  
INV=721.08(12" RCP E & W)
- 12 RM-723.42(STORM)  
48" CONCRETE STRUCTURE  
INV=718.62(12" RCP E & W)
- 13 RM-723.56(STORM)  
24" CONCRETE STRUCTURE  
INV=718.95(12" RCP W)



HARLEM AVENUE

REVISIONS	DATE

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS  
2872 Franklin Avenue  
Hoffman Estates, Illinois 60132  
PH: (224) 293-0333 FAX: (224) 293-0444  
www.wtland.com  
ILL. License No.: 184-004937 Exp. 04/30/11  
COPYRIGHT © 2009 W-T LAND SURVEYING, INC.

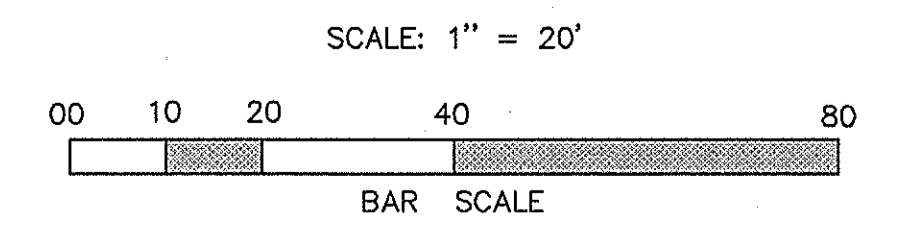
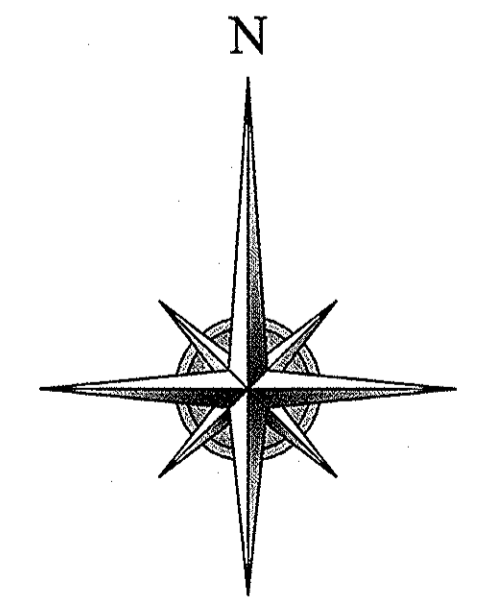


FULLERS EXPRESS CAR WASH  
15610 SOUTH HARLEM AVENUE  
ORLAND PARK, ILLINOIS

## TOPOGRAPHIC SURVEY

LEGEND		
<ul style="list-style-type: none"> <li>— PROPERTY LINE</li> <li>— CENTER LINE</li> <li>--- CASSEMENT LINE</li> <li>- - - BUILDING SETBACK</li> <li>(M) MEASURED DATA</li> <li>(R) RECORD DATA</li> <li>(C) CALCULATED DATA</li> <li>XXXX TOP OF (CURB/WALL, ETC.)</li> <li>XXXXX BOTTOM OF (GROUND, GUTTER, ETC.)</li> <li>CONCRETE</li> <li>EVERGREEN/DECIDUOUS</li> <li>SHRUB</li> <li>MONITOR WELL</li> <li>GAS VALVE</li> </ul>	<ul style="list-style-type: none"> <li>○ TYPICAL SIGN</li> <li>○ FLARED END SECTION</li> <li>○ CLOSED MANHOLE</li> <li>○ OPEN GRATE MANHOLE</li> <li>○ BEEHIVE GRATE MANHOLE</li> <li>○ GUTTER FRAME</li> <li>○ VALVE VAULT</li> <li>○ FIRE HYDRANT</li> <li>○ B-BOX / SERVICE VALVE</li> <li>○ POST LIGHT/GROUND LIGHT</li> <li>○ AREA LIGHT</li> <li>○ STREET LIGHT</li> <li>○ MAST ARM SIGNAL</li> <li>○ HANDHOLE (electric/traffic)</li> <li>○ GAS METER</li> <li>○ ELECTRIC METER</li> <li>○ PEDESTAL (telecom, elec, cable)</li> <li>○ UTILITY POLE</li> </ul>	<ul style="list-style-type: none"> <li>○ TELEPHONE VAULT</li> <li>○ GUARDRAIL</li> <li>○ GUY WIRE ANCHOR</li> <li>○ CONTOUR LINE</li> <li>○ TREE LINE / HEDGE LINE</li> <li>○ EDGE GRAVEL/STONE</li> <li>○ FENCE LINE</li> <li>○ STORM SEWER</li> <li>○ SANITARY SEWER</li> <li>○ COMBO SEWER</li> <li>○ WATER SERVICE LINE</li> <li>○ WATERMAN</li> <li>○ OVERHEAD LINE</li> <li>○ FIBER OPTIC LINE</li> <li>○ GAS LINE</li> <li>○ U.G. TELECO LINE</li> <li>○ U.G. ELECTRIC LINE</li> <li>○ UTILITY MARKINGS (WATER, GAS, ELEC, ETC.)</li> </ul>

- NOTES:**
1. BENCHMARK - SQUARE CUT ON CONCRETE BASE OF LIGHT POLE LOCATED IN A PARKING LOT ISLAND WEST OF THE EXISTING BUILDING. ELEVATION=726.89' (NAVD88)
  2. THE LOCATION OF UNDERGROUND UTILITIES WAS DETERMINED BY FIELD OBSERVATION AND VISIBLE MARKINGS ONLY.
  3. FIELD WORK COMPLETED: 1-29-10
  4. SURVEY PREPARED FOR: CORPORATE DESIGN + DEVELOPMENT GROUP
  5. ANY DISCREPANCIES FOUND WITHIN THIS DOCUMENT NEED TO BE REPORTED TO THE SURVEYOR AS SOON AS POSSIBLE.



STATE OF ILLINOIS )  
                                  ) SS  
COUNTY OF COOK )

WE W-T LAND SURVEYING, INC. DO HEREBY DECLARE THAT THIS TOPOGRAPHIC SURVEY WAS MADE UNDER OUR DIRECTION AND SUPERVISION. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR TOPOGRAPHIC SURVEYS.

GIVEN UNDER OUR HAND AND SEAL THIS 17TH DAY OF FEBRUARY A.D. 2010 AT HOFFMAN ESTATES, ILLINOIS.

W-T LAND SURVEYING, INC. ILLINOIS

*Frank J. Matlock*  
FRANK J. MATLOCK - PLS #035-003566 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-004387

DATE : 2/1/10
SCALE : 1"=20'
DRAWN : MWO
BOUNDARY : N/A
FIELD WORK : BSA
CHECK : FIM
JOB : S10011
SHEET S-1
OF ONE SHEETS

ZONING INFORMATION			
SITE ZONING (SECT. 6-207)	MUNICIPALITY: VILLAGE OF ORLAND PARK, IL EXISTING ZONING: BIZ GENERAL BUSINESS DISTRICT REQUIRED ZONING: BIZ GENERAL BUSINESS DISTRICT		
SITE AREA (SECT. 6-207-D & E)	LOT AREA: 10,000 SF MIN. FAR RATIO: 1.0 MAX. EXISTING PERVIOUS: 6,599.86 SF 11.96% PROPOSED PERVIOUS: 9,156.79 SF 16.60%	REQUIRED: 55,170 SF EXISTING: 0.10	PROPOSED: 55,170 SF EXISTING: 11.96%
BUILDING HEIGHT (SECT. 6-207-H)	MAIN BUILDING:	REQUIRED: 4 STORIES MAX. 50'-0" MAX	PROPOSED: 1 STORY -30'-0" TOWER HT.
BUILDING SETBACKS (SECT. 6-207-F)	FRONT YARD: SIDE YARD(NORTH): SIDE YARD(SOUTH): REAR YARD:	REQUIRED: 25'-0" 15'-0" 15'-0" 30'-0"	PROPOSED: 44'-2" 73'-11" 23'-5" 140'-6"

PARKING / STACKING (SECT. 6-306)		REQUIRED	PROPOSED
STALL NUMBER:	1 PER EMP. = 3	21 STALLS	21 STALLS
STALL SIZE:	9' x 18'-6"	2	2
ACCESSIBLE:	2	2	2
STACKING:	3 PER BAY	27 STACKING	27 STACKING
20 CUSTOMER VACUUMS (23 TOTAL VACUUM STALLS)			

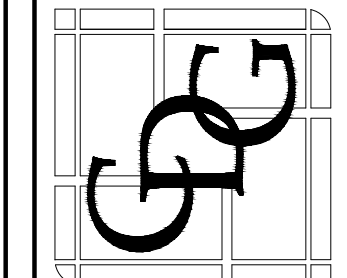
SIGNAGE		ALLOWED	PROPOSED
ID SIGN AREA:	40 SF	40.00 SF	40.00 SF
ID SIGN HEIGHT:	10' MAX	10'-0"	10'-0"
WALL (HARLEM):	7.5%* = 75 SF	74.78 SF	74.78 SF
WALL (NORTH ACCESS RD):	7.5%* = 175.61 SF	32.17 SF	32.17 SF
WALL (SOUTH PROP LINE):	1 SIGN**	32.17 SF	32.17 SF
TOTAL WALL SIGNS:	250.61 SF	139.12 SF	139.12 SF

\* PERCENT OF WALL AREA OF THAT FACADE.  
\*\* THE WALL SIGN ON THE SOUTH PROPERTY LINE MUST BORROW SQUARE FOOTAGE FROM THE ALLOWABLE AMOUNTS ON THE OTHER TWO FACADES.

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6	RE-ISSUE PLAN REVIEW	04-01-10	RT

CORPORATE DESIGN + DEVELOPMENT GROUP, LLC 2075 PRATT AVE HOFFMANSTATES, ILLINOIS 60112 WWW.CDDG.COM TEL: PROFESSIONAL REGISTRATION NO. 184-004713
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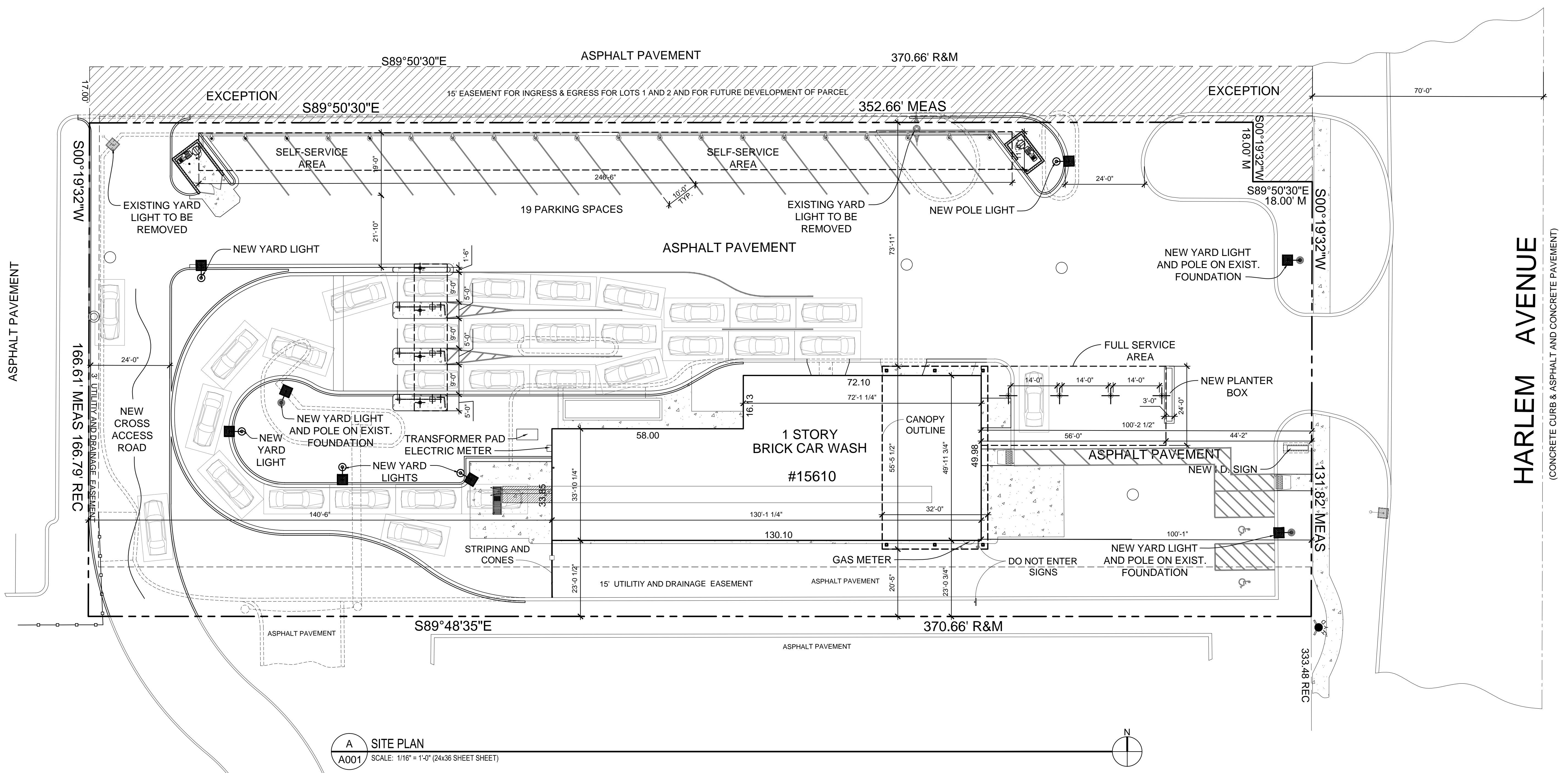
**ORLAND PARK, ILLINOIS**  
156th St. & S. Harlem Ave.  
Car Wash Renovation & Site Improvements

**FULLER'S \$3 EXPRESS CAR WASH**

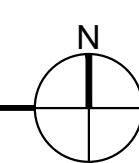
**PROPOSED SITE PLAN**

DATE:	12-11-09
SCALE:	AS SHOWN
DRAWN:	RT
CHECK:	CK
JOB:	D09059
SHEET:	

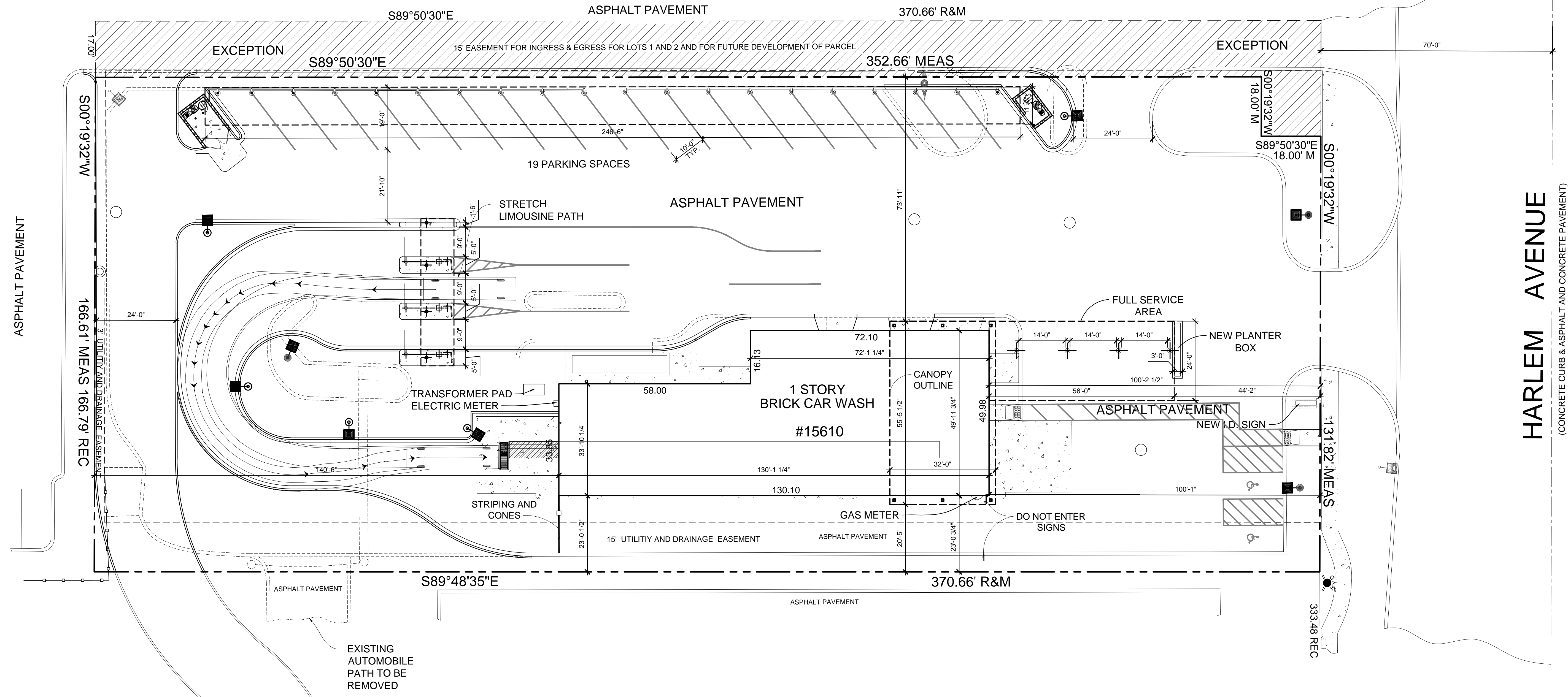
A001



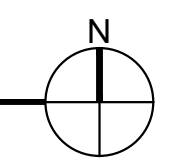
**A SITE PLAN**  
A001 SCALE: 1/16" = 1'-0" (24x36 SHEET SHEET)



NOT FOR CONSTRUCTION



**A** CIRCULATION PLAN  
**A002** SCALE: 1/16" = 1'-0" (24x36 SHEET SHEET)



NOT FOR CONSTRUCTION

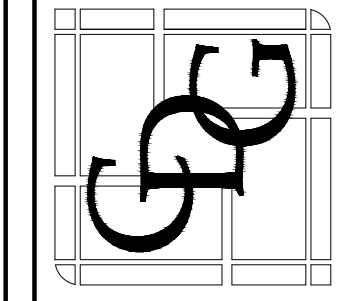
DATE:	12-11-09
SCALE:	AS SHOWN
DRAWN:	RT
CHECK:	CK
JOB:	D09059
SHEET:	

**A002**

**CIRCULATION EXHIBIT**

**FULLER'S \$3 EXPRESS CAR WASH**

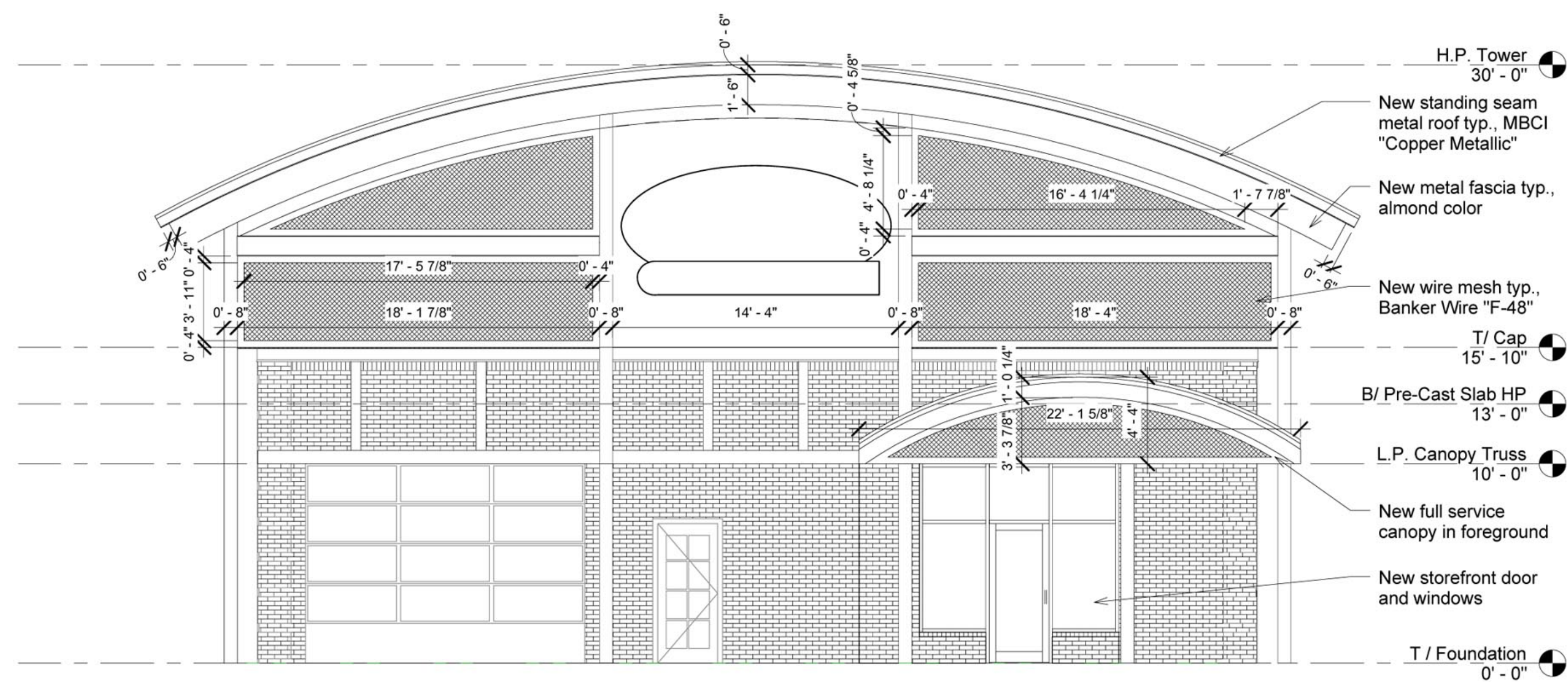
**ORLAND PARK, ILLINOIS**  
 156th St. & S. Harlem Ave.  
 Car Wash Renovation & Site Improvements



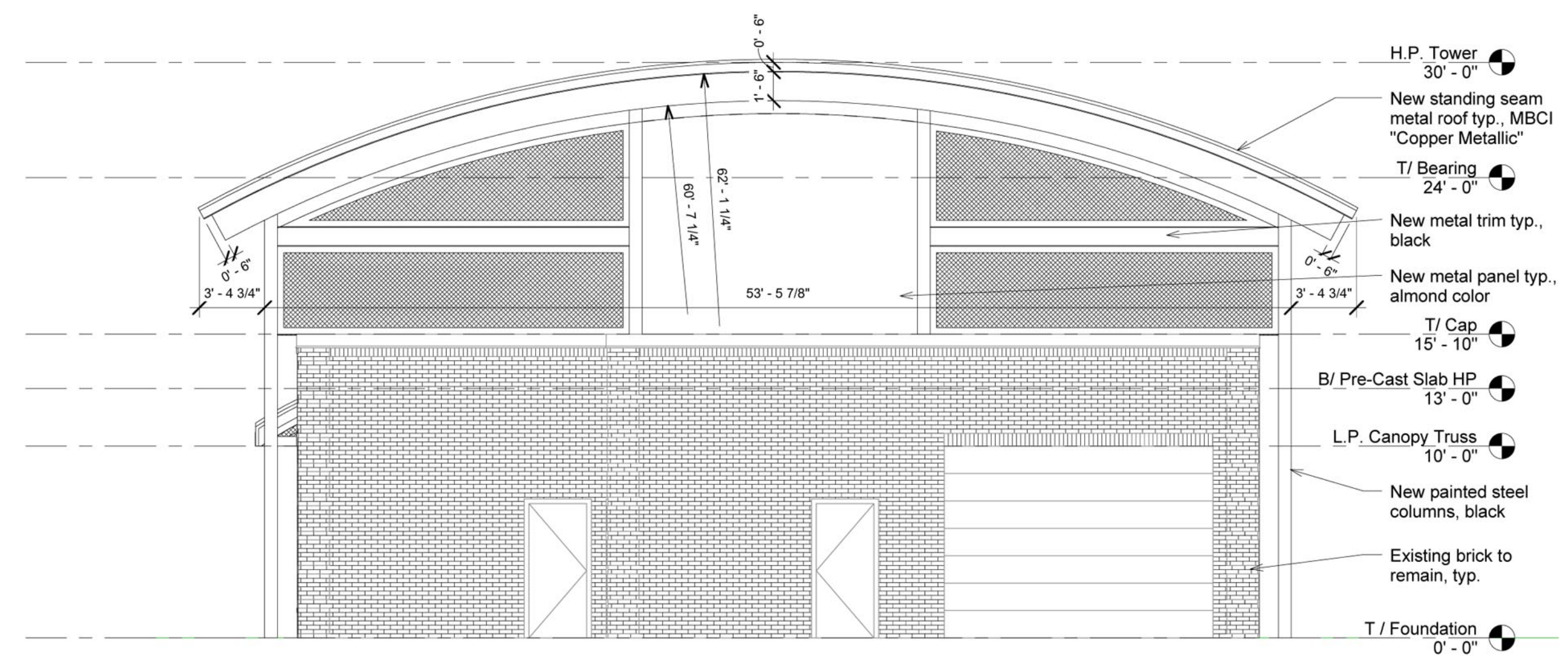
**CORPORATE DESIGN + DEVELOPMENT GROUP, LLC**  
 2075 PRATT AVE.  
 HOPEWILL, ILLINOIS 60142  
 FAX: 224.321.8998  
 WWW.CDDG.COM  
 ILL. PROFESSIONAL REGISTRATION NUMBER: 184-000413

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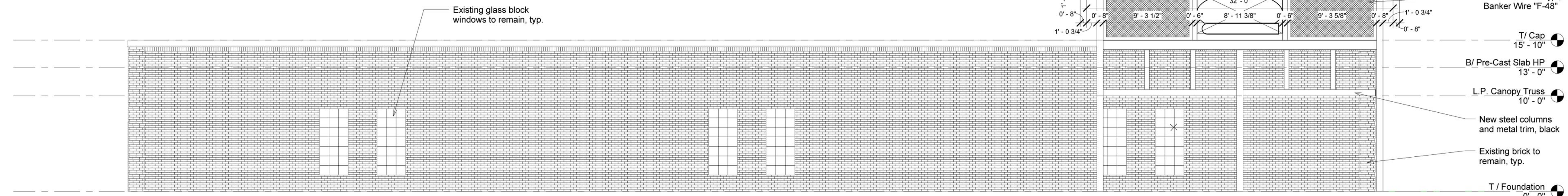
2/17/2010 2:07:15 PM K:\2009 PROJECTS\09059 Fuller - Orland Park, IL\100 CURRENT\REV\09059 - Car Wash Model\BUILDING.rvt



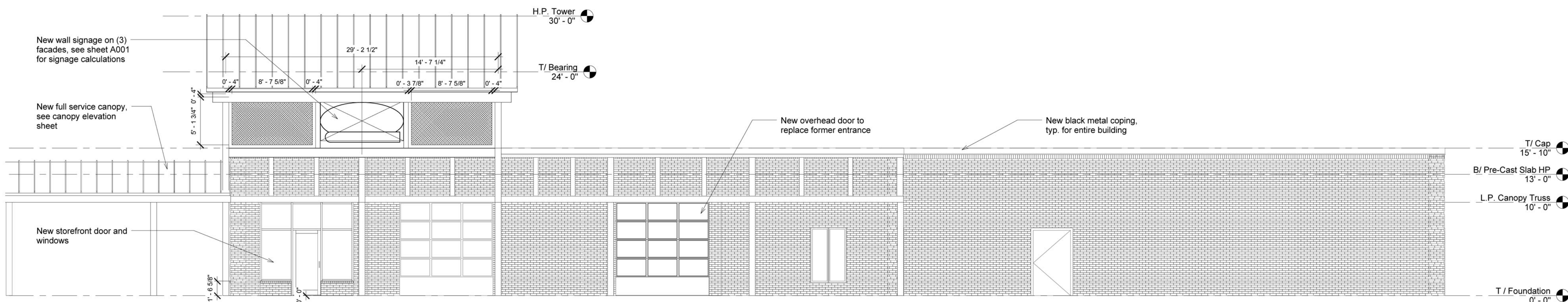
1 East Elevation  
3/16" = 1'-0"



3 West Elevation  
3/16" = 1'-0"



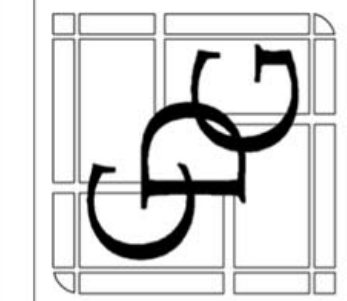
4 South Elevation  
3/16" = 1'-0"



2 North Elevation  
3/16" = 1'-0"

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CORPORATE DEVELOPMENT  
DESIGN + DEVELOPMENT, LLC  
16700 WILSON AVENUE  
BOSTON, MASSACHUSETTS 02126-6992  
PH: 231-293-6990  
WWW.CCDL.COM  
IL PROFESSIONAL DESIGN (BANK NO. 184-000113)



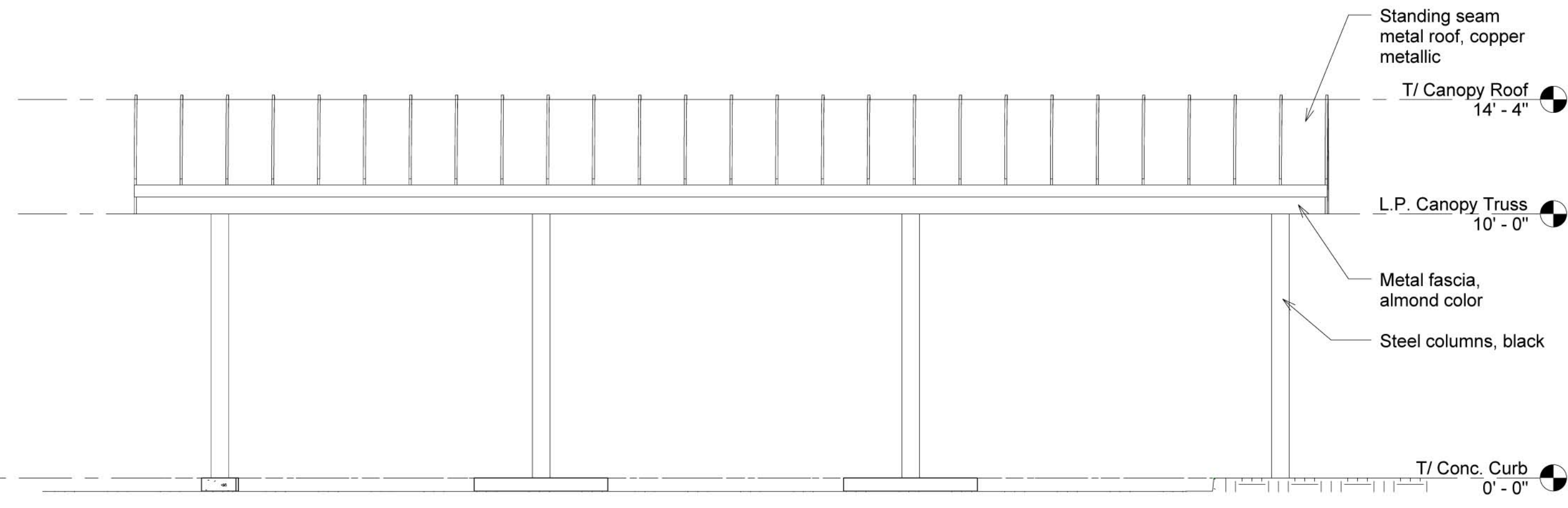
ORLAND PARK, ILLINOIS  
156th ST. & S. Harlem Ave.  
Car Wash Renovation & Site Improvements

FULLER  
CAR WASH

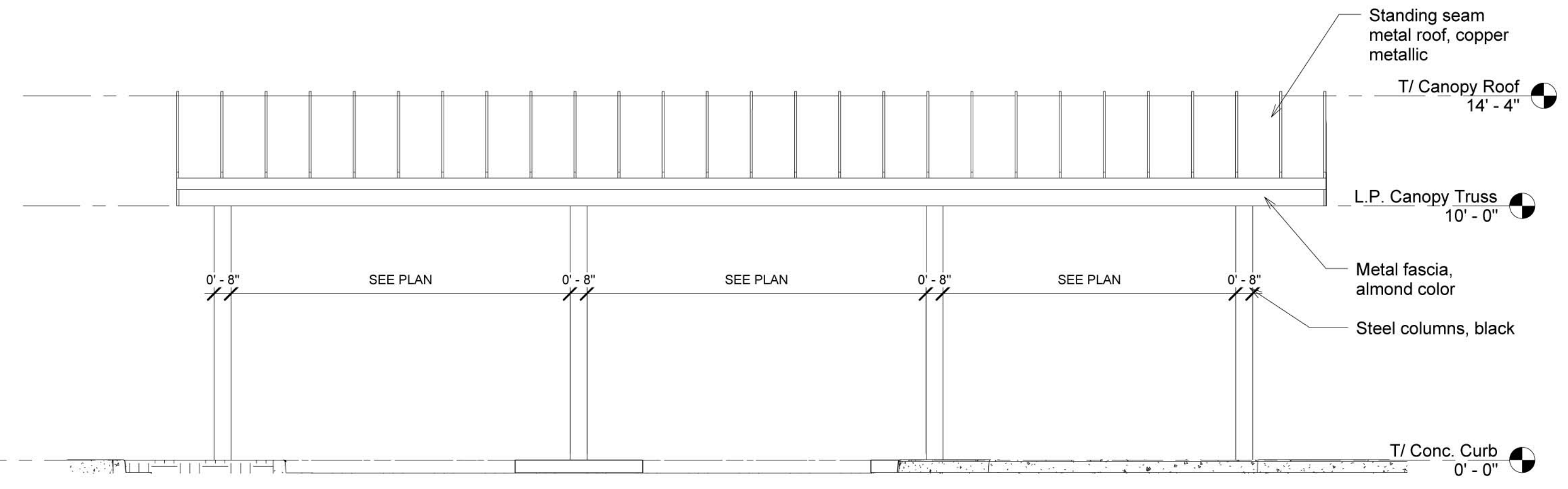
Elevations

DATE:	12-16-09
SCALE:	3/16" = 1'-0"
DRAWN:	RT
CHECK:	CK
JOB:	D09059
SHEET:	

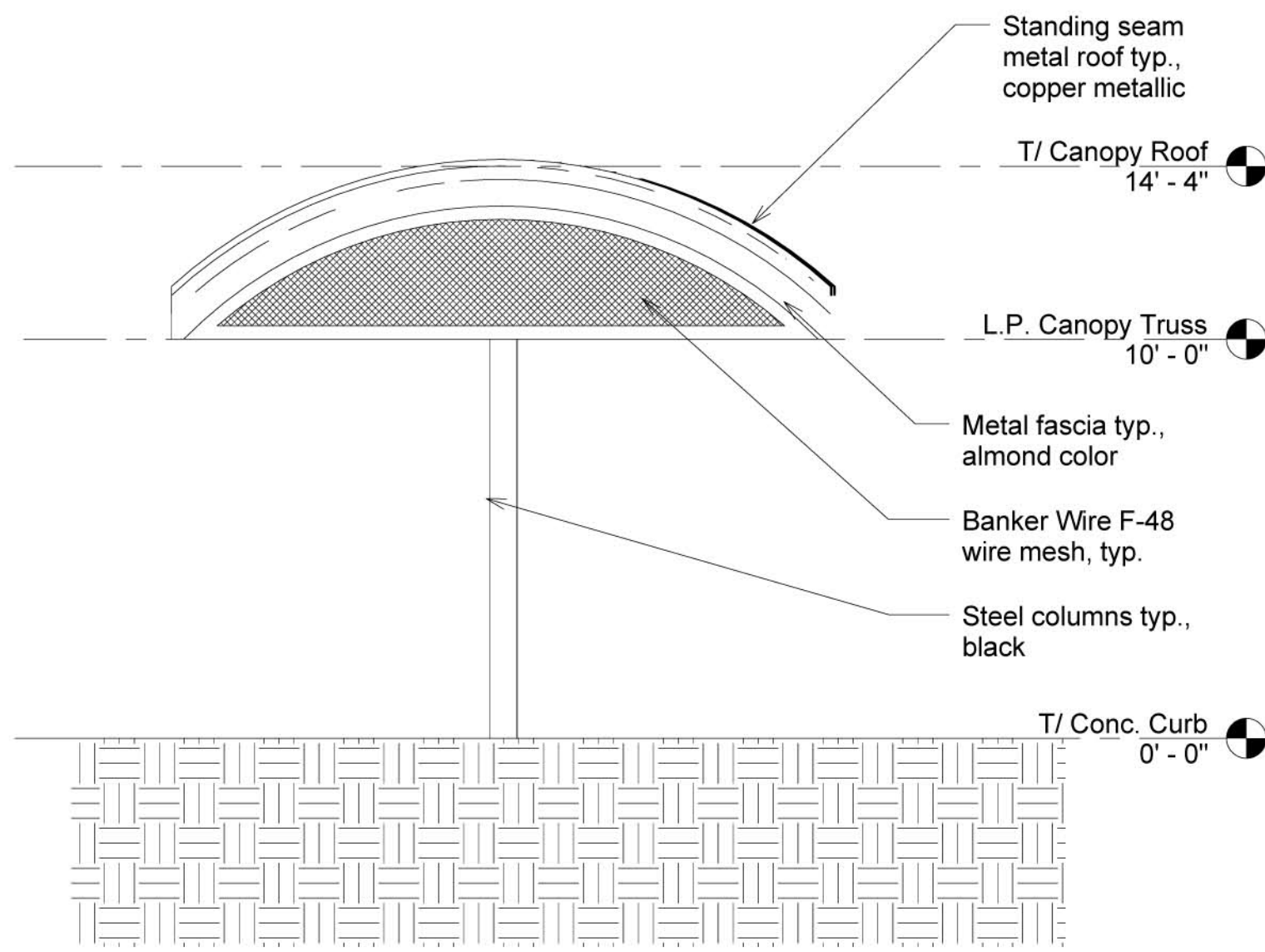
A201



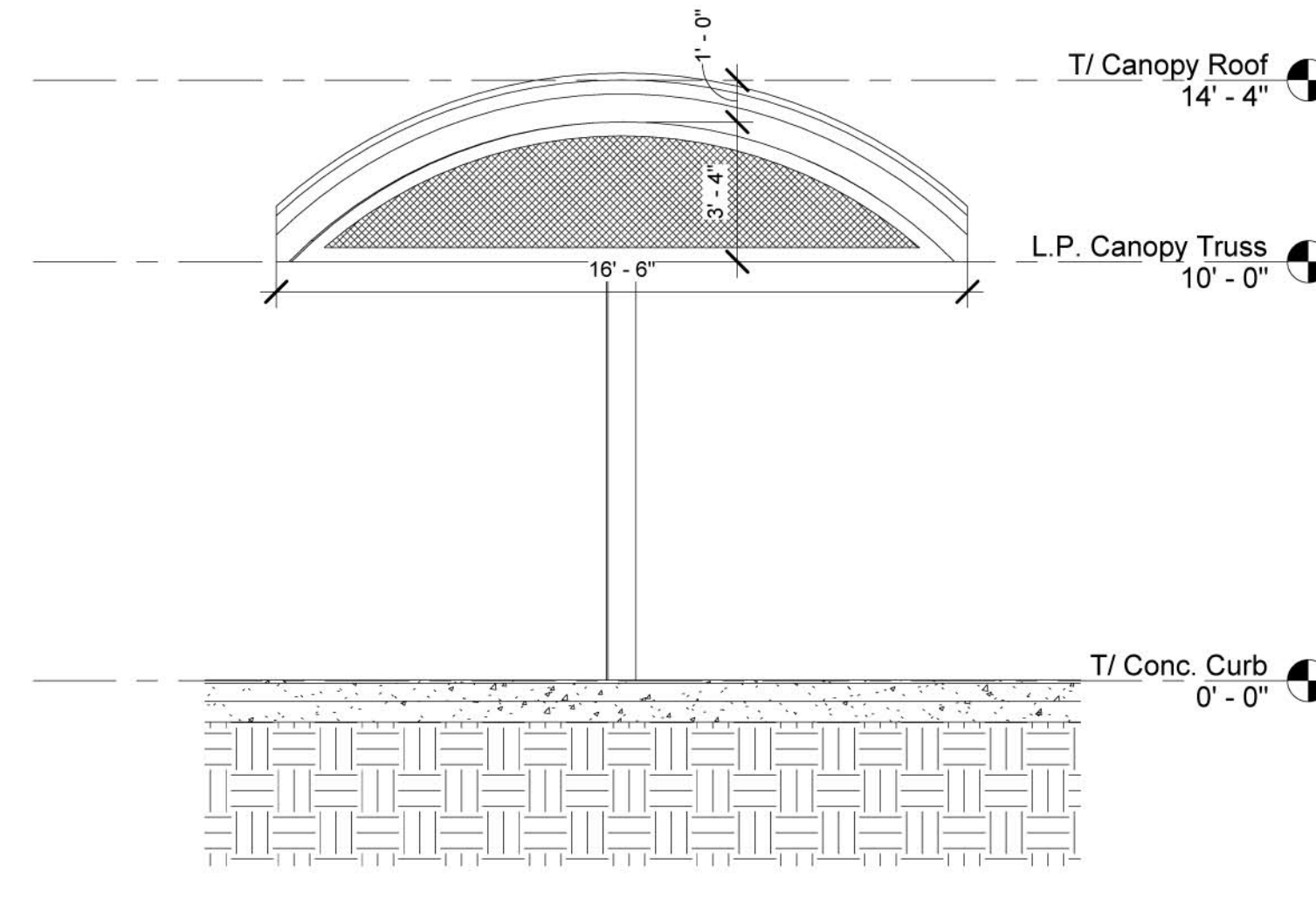
8 Paypoint/ Full Service Canopy - West Elevation  
1/4" = 1'-0"



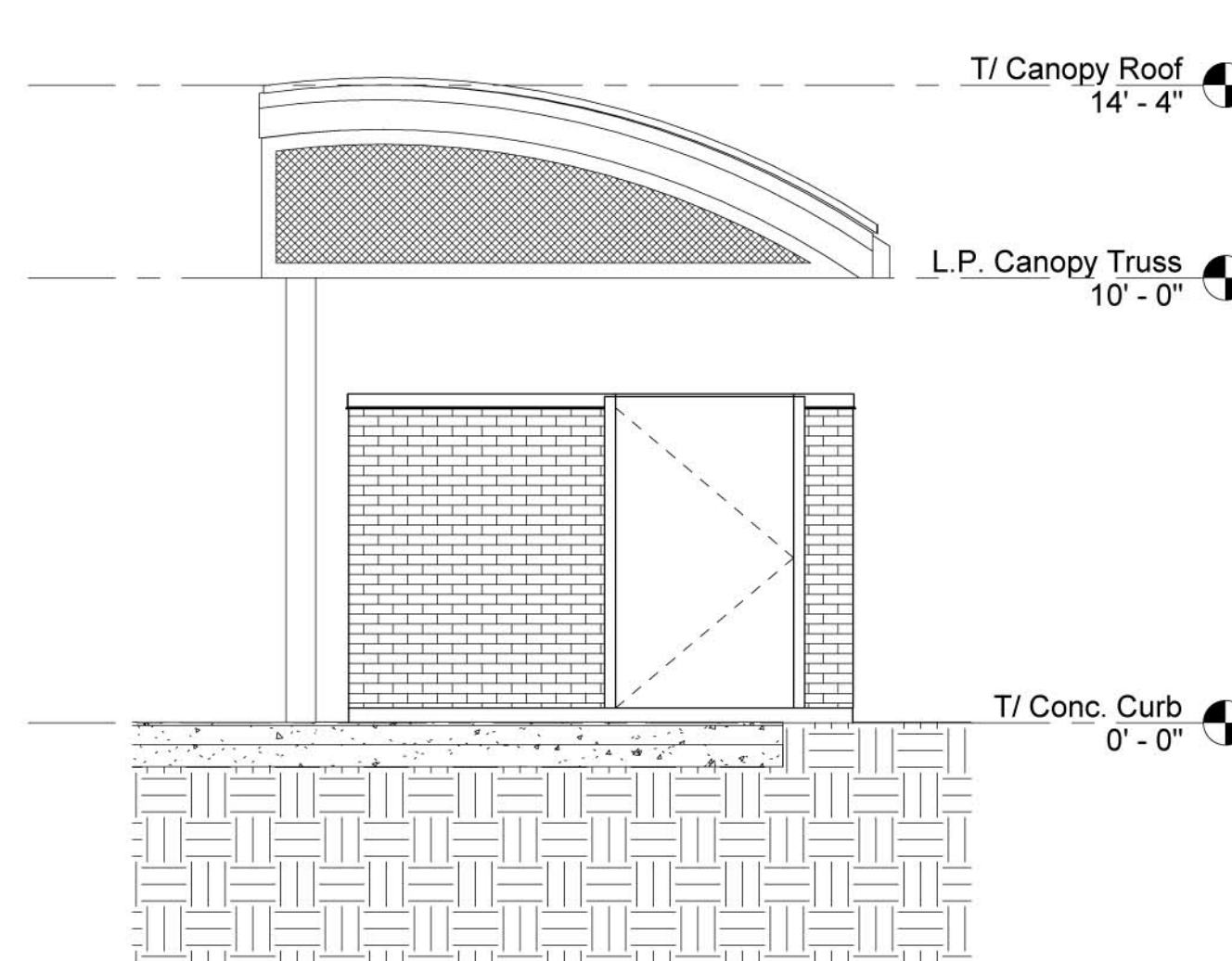
7 Paypoint/ Full Service Canopy - East Elevation  
1/4" = 1'-0"



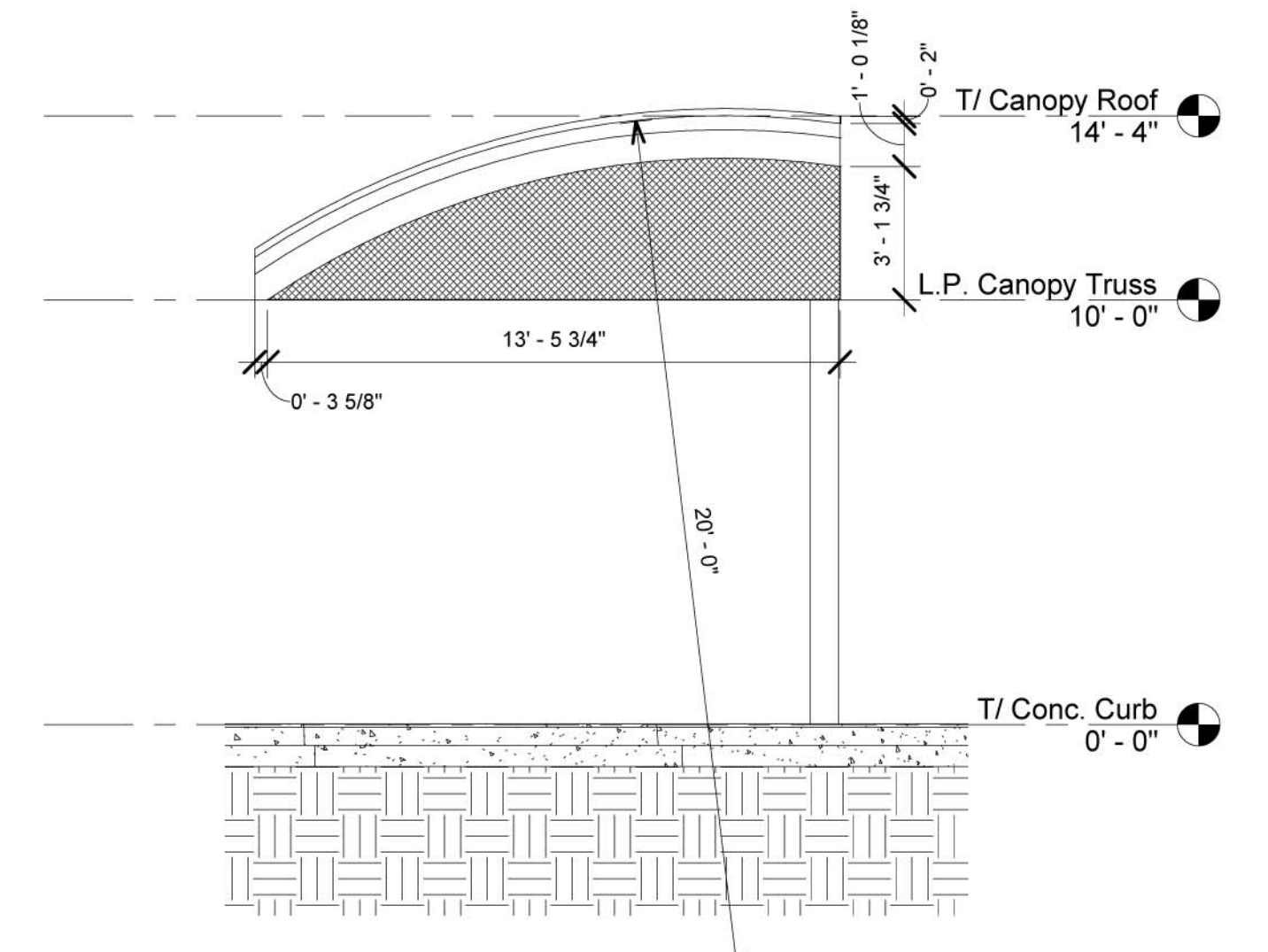
6 Paypoint/ Full Service Canopy - South Elevation  
1/4" = 1'-0"



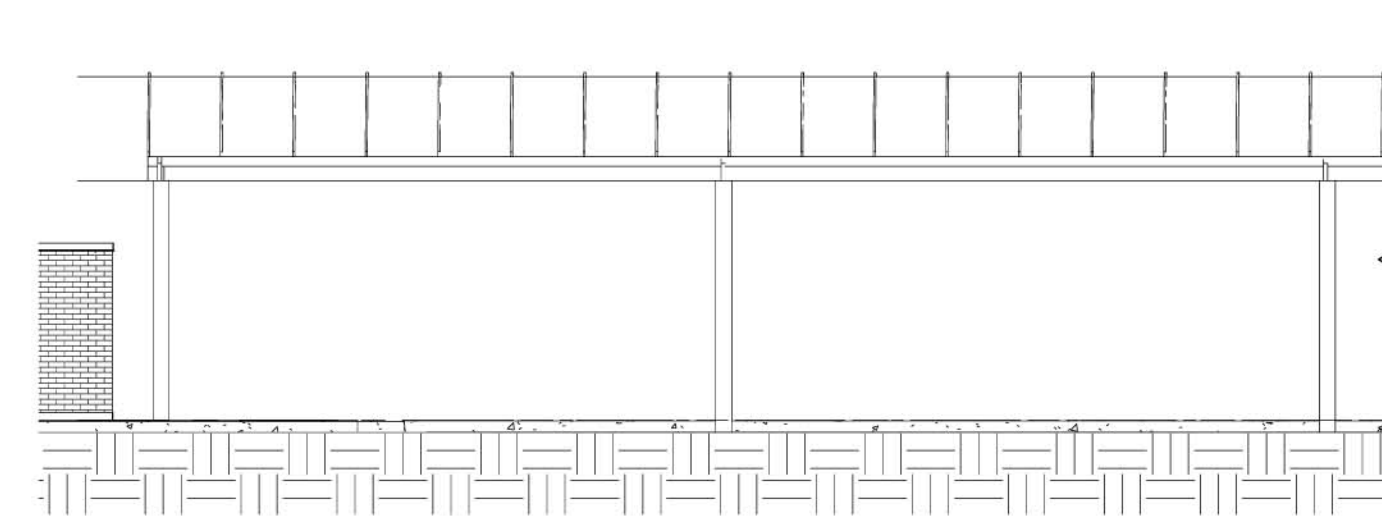
5 Paypoint/ Full Service Canopy - North Elevation  
1/4" = 1'-0"



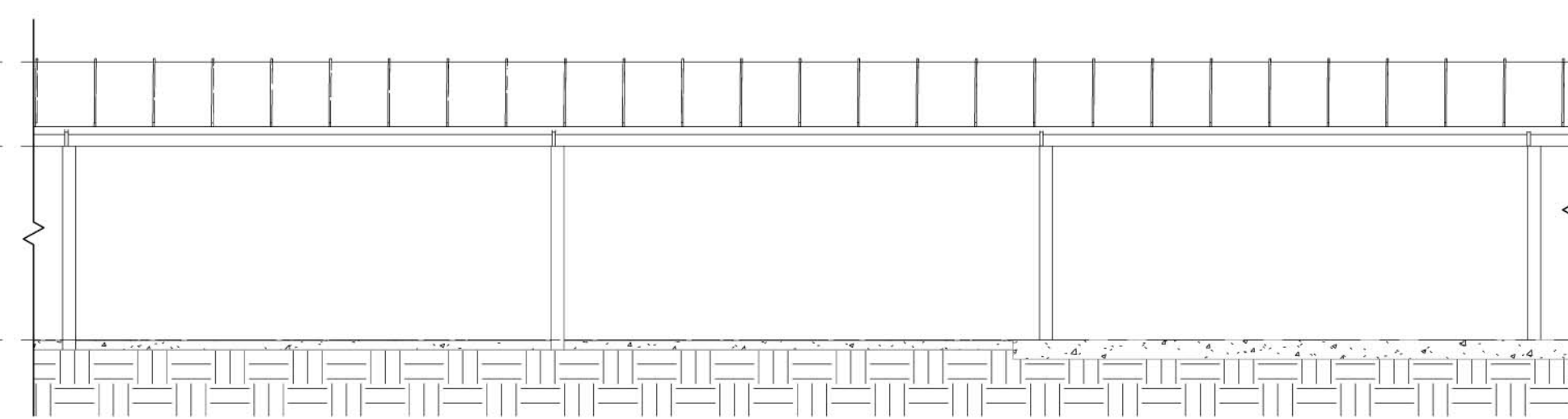
4 Self Service Canopy - West Elevation  
1/4" = 1'-0"



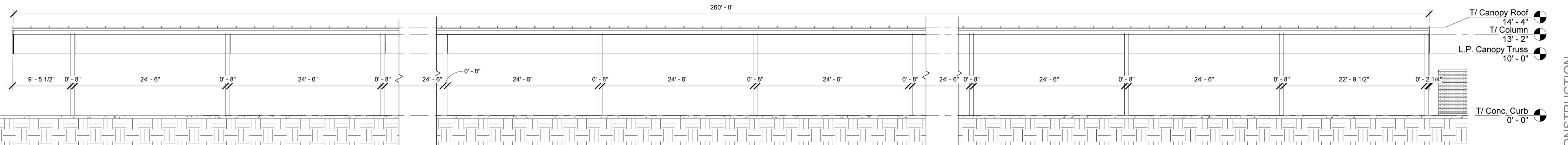
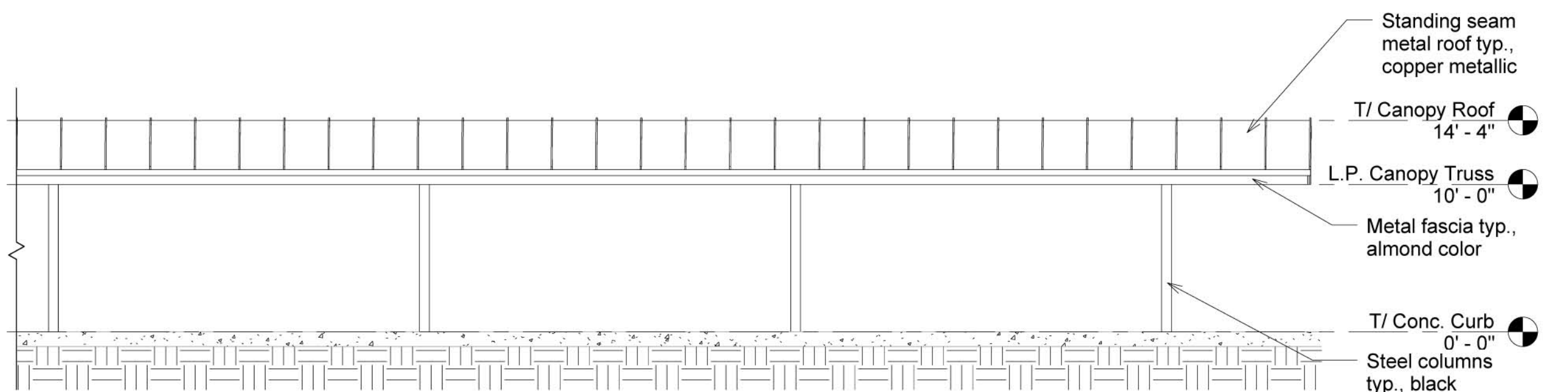
3 Self Service Canopy - East Elevation  
1/4" = 1'-0"



2 Self Service Canopy - South Elevation  
1/8" = 1'-0"

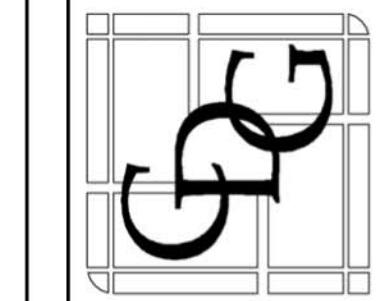


1 Self Service Canopy - North Elevation  
1/8" = 1'-0"



NO.	REVISIONS	DATE	BY
1	ISSUED FOR CLIENT REVIEW	01-12-10	RT
2	ISSUED TO ZONING	01-26-10	RT
3	ISSUED FOR PLAN REVIEW	02-17-10	RT
4	REV. PER 3/22/10 STAFF MTG.	03-25-10	RT
5	RE-ISSUE PLAN REVIEW	04-01-10	RT

CORPORATE DESIGN + DEVELOPMENT GROUP, LLC  
3475 BRYAN AVE.  
NORTHMAN ESTATES, ELKHONOC, ILLINOIS  
PH: 224-293-8666  
WWW.CDDCLL.COM  
IL PROFESSIONAL DESIGN (FIRM NO. 184-000113)



ORLAND PARK, ILLINOIS  
156th ST. & S. Harlem Ave.  
Car Wash Renovation & Site Improvements

FULLER  
CAR WASH

Canopy Elevations

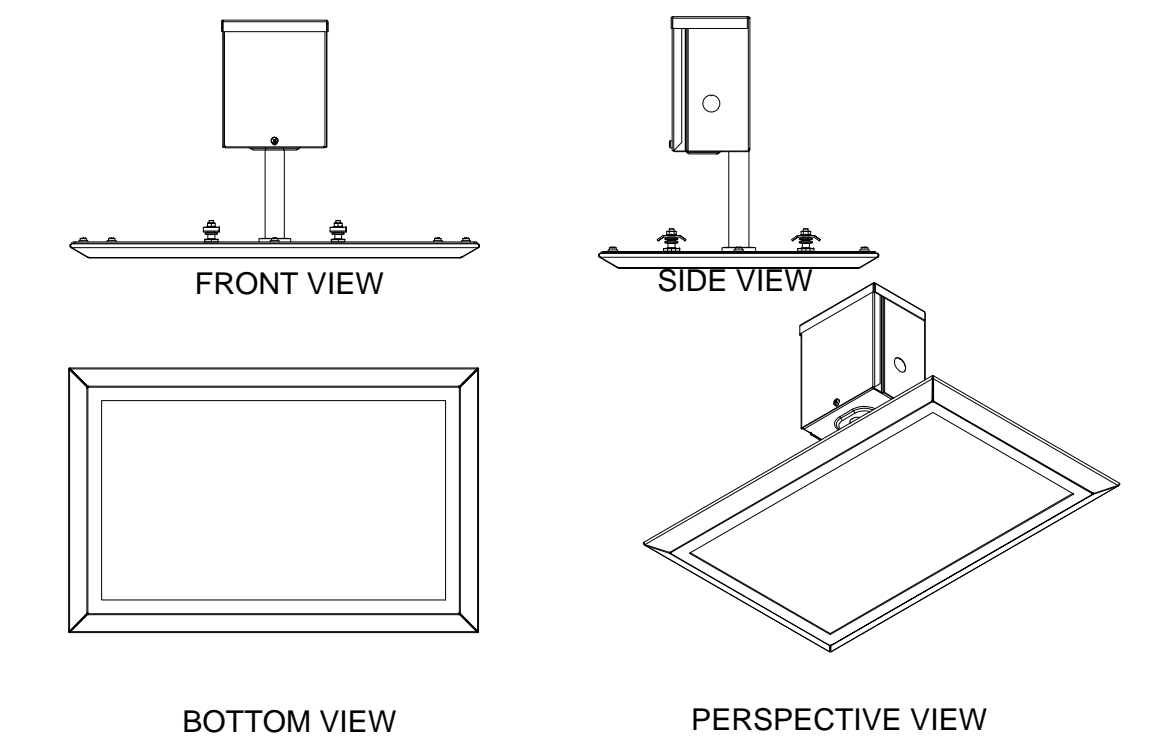
DATE:	12-16-09
SCALE:	As indicated
DRAWN:	RT
CHECK:	CK
JOB:	D09059
SHEET:	A203

NOT FOR CONSTRUCTION

K:\2009 PROJECTS\D09059 Fuller - Orland Park, IL\100 CURRENT\Revit\D09059 - Car Wash Model.rvt 2/17/2010 2:13:05 PM

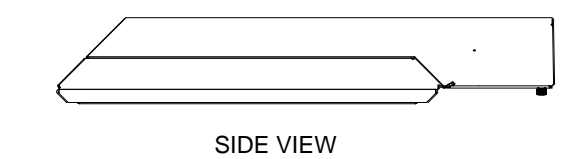
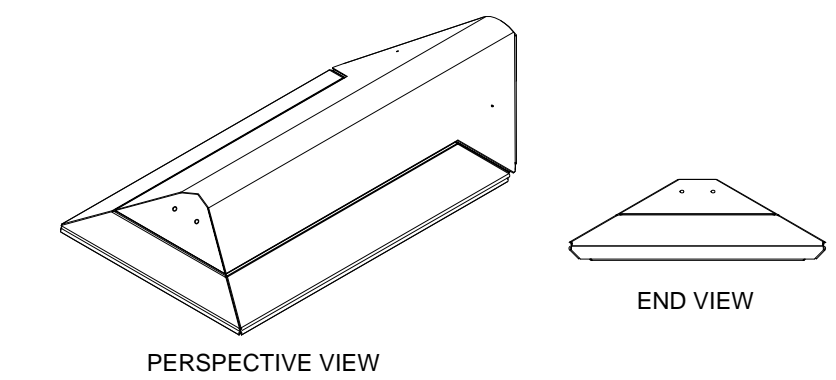
# CRO2-S-100

## LED Crossover Ambient (Single Deck)

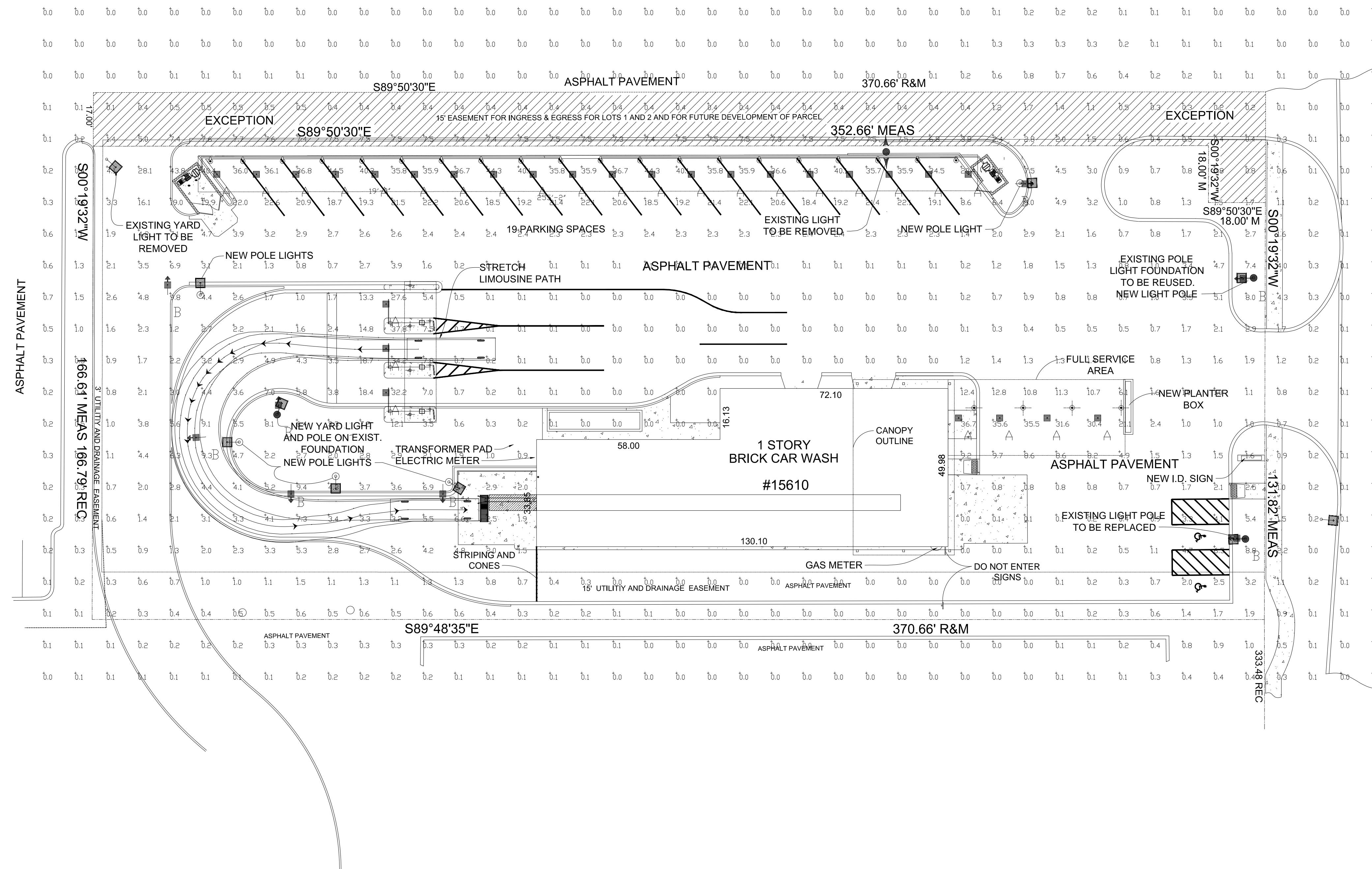


Crossover  
SOLID-STATE LIGHTING

## XAM LED Crossover Area Light



Crossover  
SOLID-STATE LIGHTING



Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL_CALC_POINTS	Illuminance	Fc	3.50	44.5	0.0	N.A.	N.A.
PARKING_CANOPY_SUMMARY	Illuminance	Fc	29.45	44.5	18.4	1.60	2.42
VACUUM_CANOPY_SUMMARY	Illuminance	Fc	16.90	36.7	4.9	3.45	7.49
CARWASH_ENTRY_CANOPY_SUMMARY	Illuminance	Fc	24.63	37.8	13.3	1.85	2.84
PARKING_SUMMARY	Illuminance	Fc	1.77	9.4	0.0	N.A.	N.A.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Total Lumens	LLF	Description	Total Watts
	8	B	SINGLE	9411	0.950	XAM-3-LED-119-CW-UE SINGLE ON 18' POLE	137
	27	A	SINGLE	9242	0.950	CRO2-S-LED-100-CW-UE	115

Maintained Footcandle levels.

Total Project Watts  
Total Watts = 4316

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions.

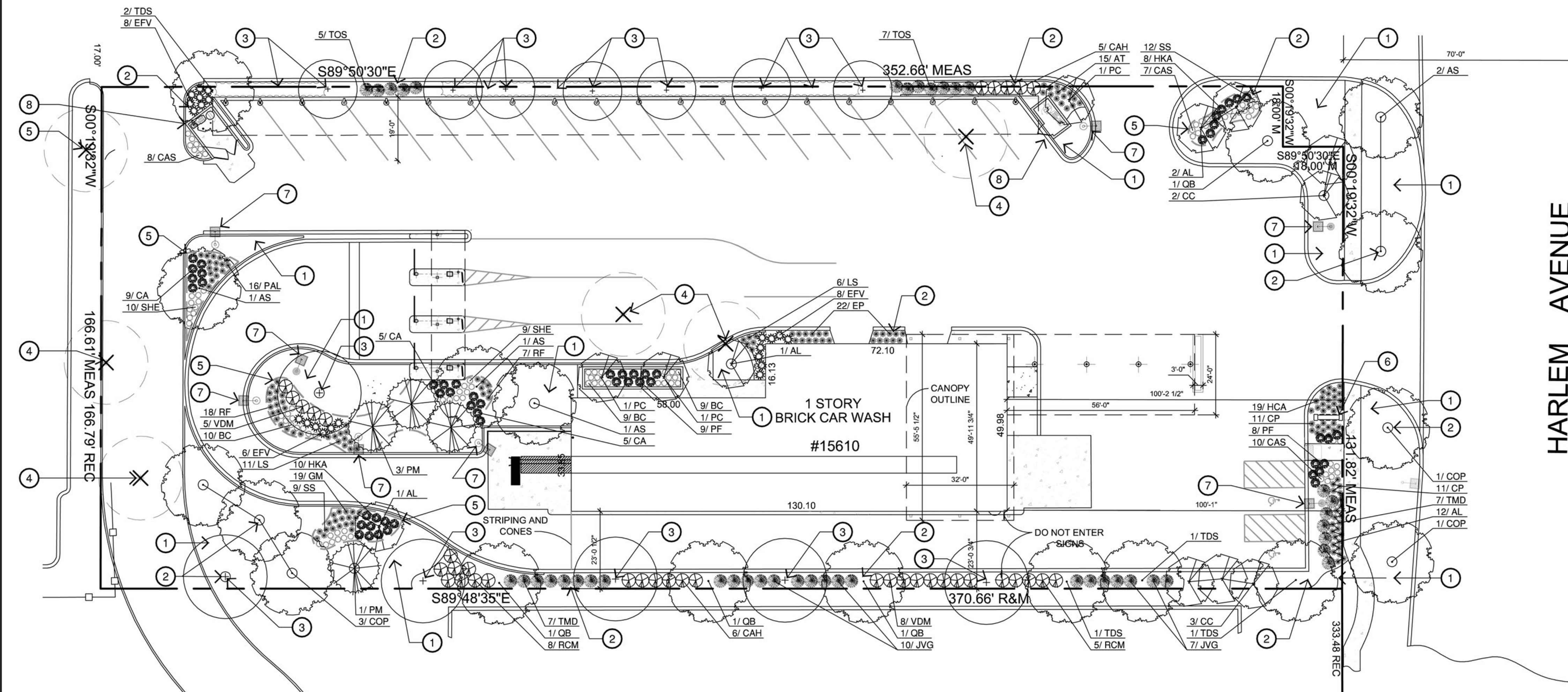
This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted.

**Lei INDUSTRIES™**  
2006 ALLIANCE RD. CHICAGO, ILL 60641 USA  
TEL: 773-328-1100 • FAX: 773-328-1103

LIGHTING PROPOSAL FOR  
FULLER CAR WASH  
156TH & HARLEM  
ORLAND PARK, IL

SCALE: 1"=20'  
DATE: 4/01/10  
BY: LLS SHEET 1 OF 1

LO- 100218A-2



- ### Notes
1. Fine grade, fertilize and sod all disturbed areas.
  2. Remove all turf encountered within bed limits and haul from site. Furnish and install 3" minimum layer of double shredded hardwood bark mulch in all planting beds and tree rings.
  3. Existing tree or shrubs to remain. Protect during construction.
  4. Remove existing tree including root package and haul from the site.
  5. Furnish and install raised planting beds with cobblestone edging. Finish grade of planting beds to be 6" higher than surrounding grade. Edging to be Wisconsin Granite Cobblestones, vary cobblestone sizes from 4"-12", 6"-12". Contact Wilson Nurseries & Landscape Supply at 847-683-3700.
  6. Denotes location of proposed pylon sign. (See Architectural Plans)
  7. Denotes location of proposed parking lot light pole. (See Architectural Plans)
  8. Denotes location of proposed vacuum enclosure. (See Architectural Plans)

- ### GENERAL NOTES
- All existing vegetation is to be removed including root package and hauled from the site, unless otherwise noted.
  - Landscape installation, pending any delays in construction, shall be completed by December 15, 2010.

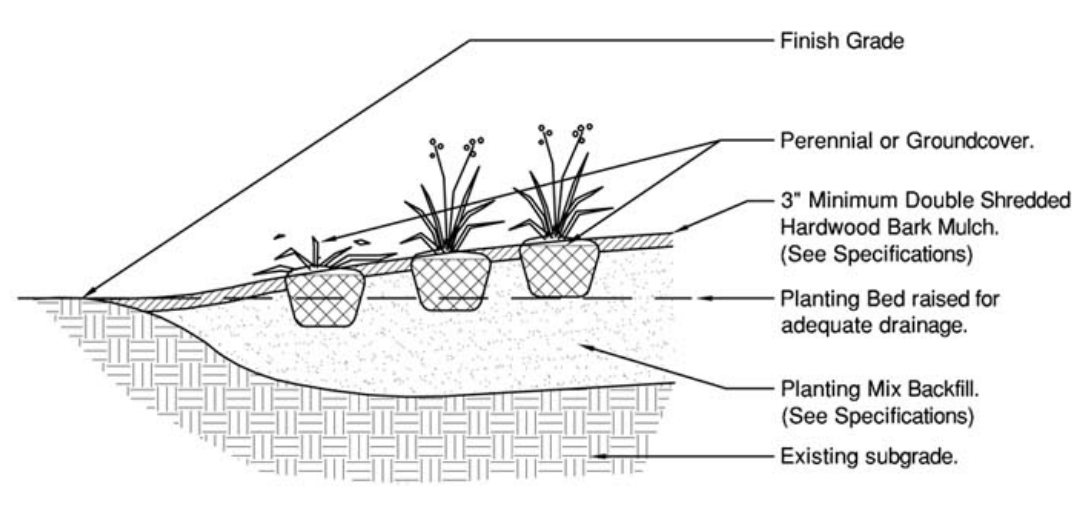
### Site Data

Category	Requirement	Required Quantity	Existing	Proposed
North Bufferyard - 313 LF (Bufferyard 'B', 10' Width)	3.2 CT, 1 UT & 16 SH Per 100 LF	10 CT, 3 UT, 50 SH	7 CT, 17 SH	2 CT, 3 UT, 33 SH (3' Width)
West Bufferyard - 113 LF (Bufferyard 'B', 10' Width)	3.2 CT, 1 UT & 16 SH Per 100 LF	4 CT, 1 UT, 18 SH	-	-
Southwest Bufferyard - 52 LF (Bufferyard 'C', 15' Width)	4.5 CT, 1.8 UT & 18 SH Per 100 LF	3 CT, 1 UT, 9 SH	1 CT	3 CT, 1 UT, 10 SH (± 15' Width)
Southeast Bufferyard - 293 LF (Bufferyard 'B', 10' Width)	3.2 CT, 1 UT & 16 SH Per 100 LF	10 CT, 3 UT, 47 SH	4 CT	6 CT, 3 UT, 52 SH (5' Width)
Parkway Trees - 132 LF	1 CT Per 40 LF	4 CT	-	4 CT

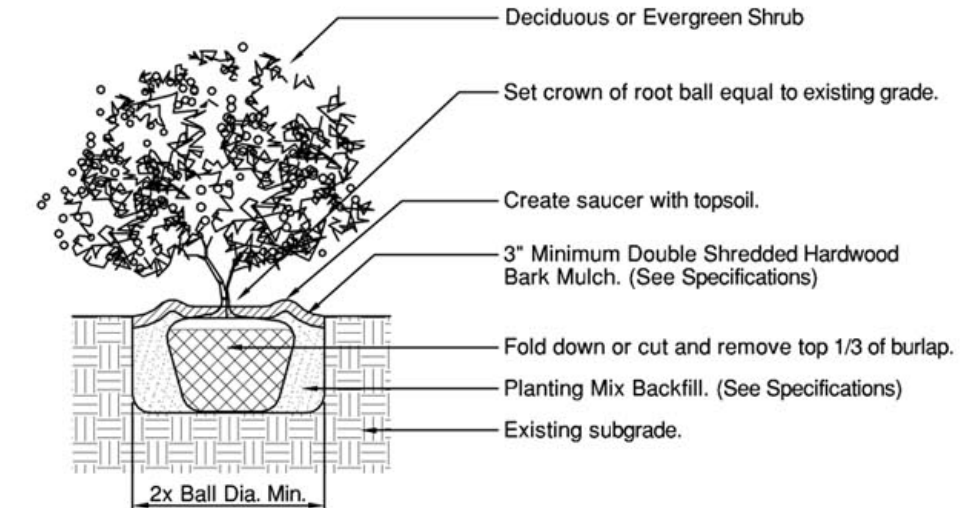
CT = Canopy Tree UT = Understory Tree ET = Evergreen Tree SH = Evergreen or Deciduous Shrubs

### Plant List & Key

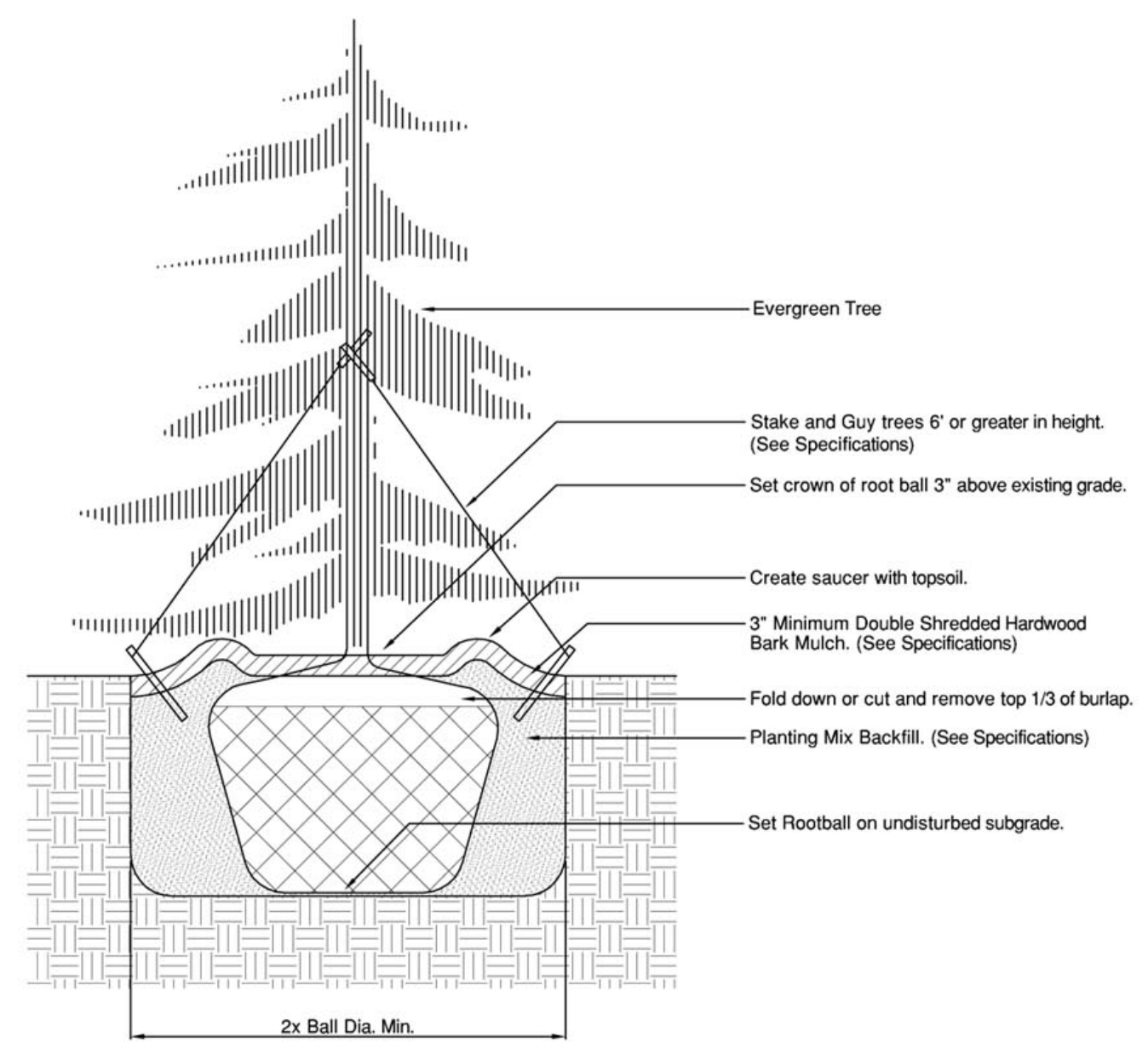
Key	Botanical Name (Common Name)	Size	Quantity	Key	Botanical Name (Common Name)	Size	Quantity
Shade Trees				Evergreen Shrubs			
AS	Acer saccharum 'Legacy' (Legacy Sugar Maple)	2-1/2"	5	EFV	Euonymus fortunei vegetus (Bigleaf Wintercreeper)	18"	20
COP	Celtis occidentalis 'Prairie Pride' (Prairie Pride Hackberry)	2-1/2"	5	JVG	Juniperus virginiana 'Grey Owl' (Grey Owl Eastern Red Cedar)	24"	17
OB	Quercus bicolor (Swamp White Oak)	2-1/2"	4	TCS	Thuja occidentalis 'Smaragd' (Emerald Green Arborvitae)	4"	12
TDS	Taxodium distichum 'Shawnee Brave' (Shawnee Brave Baldcypress)	2-1/2"	4	Ornamental Grasses			
				BC			
				Bouteloua curtipendula (Side Oats Grama)			
				1 GAL			
				28			
Ornamental Trees				AL			
				Amelanchier laevis (Allegheny Serviceberry)			
				6'			
				4			
				CAS			
				Calamagrostis acutifolia 'Strica' (Feather Reed Grass)			
				1 GAL			
				25			
				CC			
				Carpinus caroliniana (American Hornbeam)			
				2-1/2"			
				5			
				SHE			
				Sporobolus heterolepis (Prairie Droopseed)			
				1 GAL			
				19			
				PC			
				Pyrus calleryana 'Chanticleer' (Chanticleer Callery Pear)			
				2-1/2"			
				3			
				SS			
				Schizachyrium scoparium (Little Blue Stem)			
				1 GAL			
				21			
Evergreen Trees				Perennials			
				PM			
				Pseudotsuga menziesii (Douglas Fir)			
				6'			
				4			
				ALA			
				Aster laevis (Smooth Blue Aster)			
				1 GAL			
				12			
				AT			
				Asclepias tuberosa (Butterfly Weed)			
				1 GAL			
				15			
Deciduous Shrubs				CA			
				Cotoneaster apiculatus (Cranberry Cotoneaster)			
				24"			
				19			
				CP			
				Coreopsis palmata (Prairie Coreopsis)			
				1 GAL			
				22			
				CAH			
				Corylus americana (American Hazelnut)			
				36"			
				11			
				EP			
				Echinacea purpurea 'Magnus' (Magnus Purple Coneflower)			
				1 GAL			
				22			
				HKA			
				Hypericum kalmianum 'Ames' (St. John's Wort)			
				24"			
				18			
				GM			
				Geranium maculatum (Wild Cranesbill Geranium)			
				1 GAL			
				13			
				RCM			
				Rhus copallina 'Morton' (Morton Flameleaf Sumac)			
				36"			
				13			
				HCA			
				Hemerocallis 'Chicago Apache' (Chicago Apache Daylily)			
				1 GAL			
				19			
				PF			
				Potentilla fruticosa (Potentilla)			
				24"			
				17			
				LS			
				Liatris spicata 'Kobold' (Blazing Star)			
				1 GAL			
				17			
				VDM			
				Viburnum dentatum 'Morton' (Northern Burgundy Viburnum)			
				36"			
				13			
				PAL			
				Perovskia atriplicifolia 'Little Sprite' (Little Sprite Russian Sage)			
				1 GAL			
				16			
				RF			
				Rudbeckia fulgida 'Goldstrum' (Goldstrum Black Eyed Susan)			
				1 GAL			
				25			



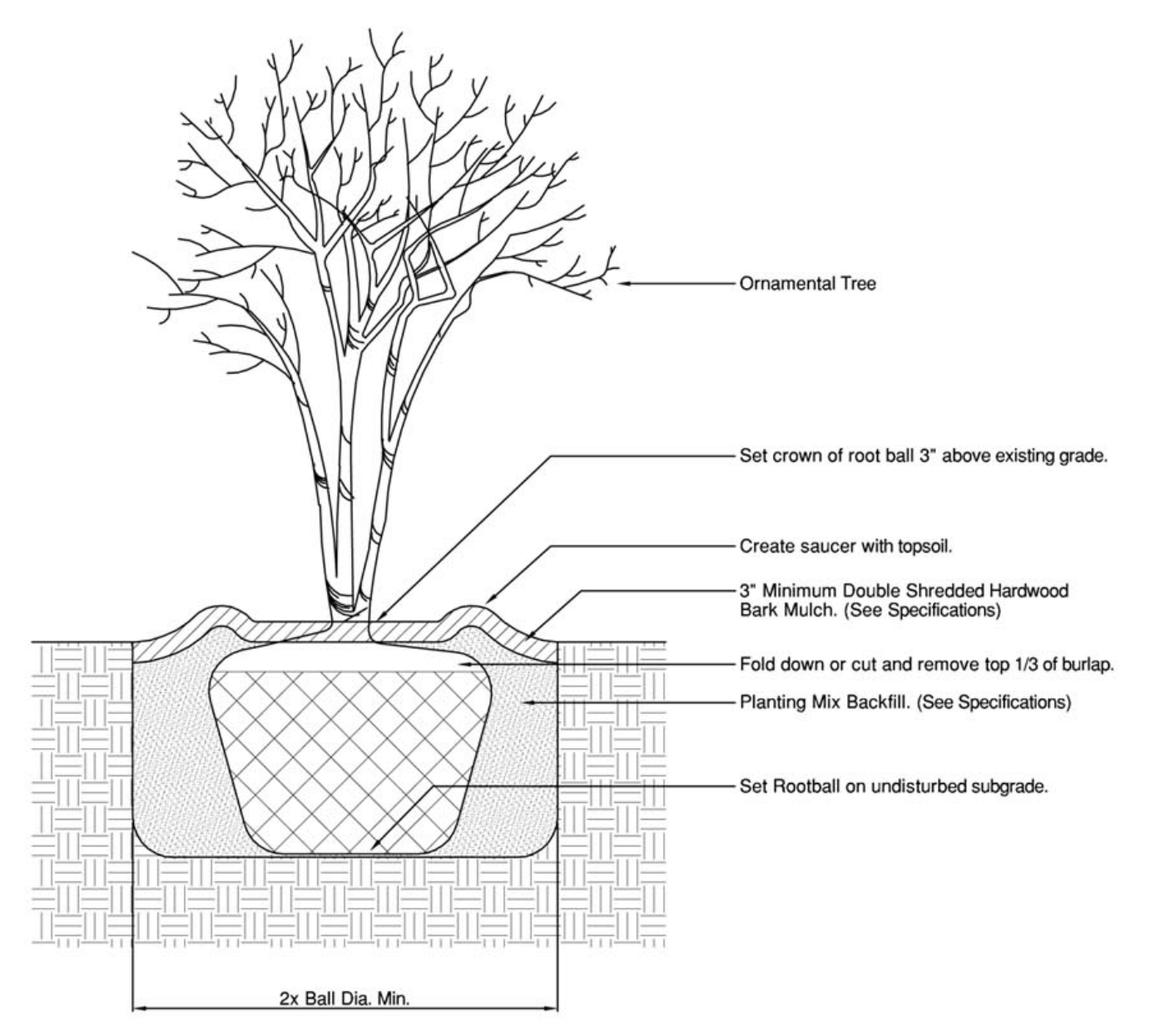
Perennial Planting Not to Scale



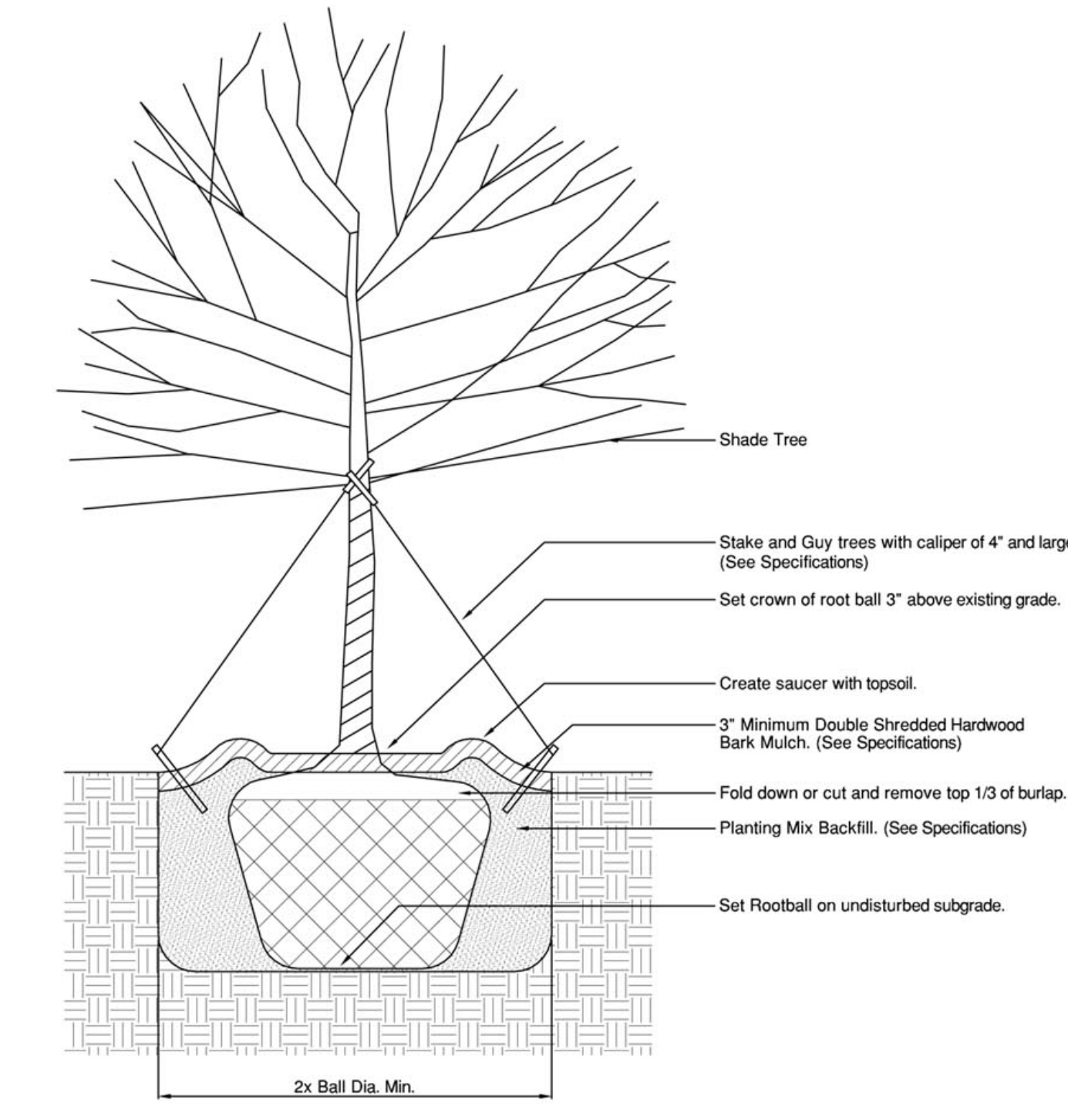
Shrub Planting Not to Scale



Evergreen Tree Planting Not to Scale



Ornamental Tree Planting Not to Scale



Shade Tree Planting Not to Scale

**BDG**  
**Bruseau Design Group, LLC**  
 Landscape Architecture • Land Planning • Recreational Planning & Design  
 2675 Pratum Avenue, Hoffman Estates, IL 60192

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 LICENSE NO. 184-004013

ORLAND PARK, ILLINOIS  
 156th St. & S. Harlem Ave.  
 Car Wash Renovation & Site Improvements

FULLER'S \$3 EXPRESS CAR WASH

LANDSCAPE PLAN

DATE: 12-11-09  
 SCALE: AS SHOWN  
 DRAWN: RT  
 CHECK: CK  
 JOB: D09059  
 SHEET: L1

L1

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