

CHERRY CREEK ELEMENTARY SCHOOL NO. 44 SITE PLAN

SOUTHSHORE FRAMEWORK DEVELOPMENT PLAN
LOCATED IN SECTION 28, TOWNSHIP 5 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN
CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

Site Plan Notes

- The developer, his successors and assigns, including the Cherry Creek School District, shall be responsible for installation, maintenance and replacement of all fire lane signs as required by the City of Aurora.
- All signs must conform to the City of Aurora sign code.
- 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."
- "Accessible exterior routes" shall be provided from public transportation stops, accessible parking and accessible passenger loading zones and public sidewalks to the accessible building entrance and exits they serve. At least 60% of the accessible building entrances shall be accessible. 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 based on the 2015 International Building Code, chapter 11, and the American National Standards Institute (ICC/ANSI) a117.1-2009
- The applicant has the obligation to comply with all applicable requirements of the Americans with Disabilities Act.
- 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.
- All crossings or encroachments by private landscape irrigation systems and/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 and/or private utilities.

Site Plan Notes Continued

- 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.
- All building address numbers shall comply with the Aurora City Code of Ordinance, Chapter 126 Article VII- Numbering of Buildings.
- 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, et cetera 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.
- 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.
- 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.
- Architectural features (i.e., bay windows, fireplaces, roof overhangs, foundations, footings, cantilevered walls, etc.) are not allowed to encroach into any easement or fire lane.
- The Cherry Creek School District is responsible for the cost of traffic warning beacons on Southshore Parkway. The flashing beacons shall be installed and operational before the school is occupied by students. Beacons shall be located 100' before school property lines.
- Streetlight installation cost is funded by the developer/owner.
- Roof hoods, exhaust fans or similar low profile devices will not be required to be concealed by screen walls. If, at a future date, rooftop air handling units, chillers or other large mechanical equipment is installed on the roof then the new equipment will be screened. The screens shall be at least as high as the equipment they hide.

Site Plan Notes Continued

- Emergency Responder Radio Coverage: All New Commercial Buildings; Additions to Existing Buildings; shall have approved radio coverage for emergency responders within the building. This building must be assessed to determine adequate in-building radio coverage at time of final frame and electrical inspection by a qualified 3rd party inspection service at the owner/ developers expense. Lack of adequate in-building radio coverage may delay the issuance of a Certificate of Occupancy. Where the structure is found deficient a separate permit is required to install, repair or modify any Emergency Response Radio Coverage system. Per 2015 IFC, Section 510.

Sheet Index

TS1.1	Title Sheet
SD1.1	Site Development Plan
SD3.1	Overall Floor Plan and Site Details
SD5.1	Exterior Elevations
C1.0	Grading and Utility Plan
L1	Landscape Plan
L2	Landscape Plant List and Details
L3	Planting details, Notes and Calculations
SDE01	Electrical Site Development Plan
SDE02	Luminaires

Data Block

Land Area Within Property Lines:
gross Floor Area:
Number of Buildings:
Number of Stories:
Maximum Height of Buildings:
Total Building Coverage:
Hard Surface Area:
Landscape Area:
Present Zoning Classification:
Proposed Uses:
Permitted Maximum Sign Area:
Proposed Total Sign Area:

Proposed Number of Signs:
Parking Spaces Required:

Parking Spaces Provided:
Total Parking Available on Site:

Handicapped Spaces Required:
Handicapped Spaces Provided:
Van Accessible Spaces Required:
Van Accessible Spaces Provided:
Loading Spaces Required:
Loading Spaces Provided:
Bicycle Parking Required:
Bicycle Parking Provided:
Governing Code:
Building Type:
Occupancy Type:
Fully Sprinklered?:

Contacts

OWNER:
MIKE LOVICK - PROJECT MANAGER
CHERRY CREEK SCHOOL DISTRICT No. 5
4700 SOUTH YOSEMITE STREET
GREENWOOD VILLAGE, CO 80111
1.720.554.4933
ARCHITECT:
DOUG HAHN
THE LKA PARTNERS, INC.
430 N. TEJON STREET
COLORADO SPRINGS, CO 80903
1.719.473.8446
CIVIL ENGINEER:
JANE ASCHERMANN
MARTIN/ MARTIN CONSULTING ENGINEERS
12499 W. COLFAX AVE
DENVER, CO 80215
1.303.431.6100
LANDSCAPE ARCHITECT:
BILL NEUMANN
DHM DESIGN CORPORATION
900 S. BROADWAY, SUITE 300
DENVER, CO 80209
1.303.892.5566

Sheet Index (Attached Separately)

Plat By Martin/ Martin Consulting Engineers

Amendment Block

-	-
-	-
-	-

597,732 s.f. 13.722 Acres
69,922 s.f.
1
1
25 feet
69,922 s.f. 11.7%
162,284 s.f. 27.2%
365,585 s.f. 61.1%
E-470 - Medium Density Residential
Elementary School
276 s.f.
62 s.f. +/- individual cast aluminium letters and school dist. logo mounted to building wall. school name has not been selected. ± 50 s.f. future freestanding monument sign
2
1/4 Assembly Area Seating. (351) = 88
4
101 Spaces (no compact)
113 (Includes after hours overflow parking in bus loop)
4 spaces
5 spaces
1 space
1 space
1 space
1 space
3 spaces (3% of req'd parking)
72 spaces
2015 IBC
Type II-B
E
Yes

Legal Description

Lot 1, Block 1 Southshore at Aurora Subdivision Filing No 15, City of Aurora, County of Arapahoe, State of Colorado

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.

In witness thereof, _____ has caused these
(Corporation, Company or Individual)
presents to be executed this _____ day of _____ AD. _____

By: Sheila Graham Corporate Seal
(Principals or Owners)

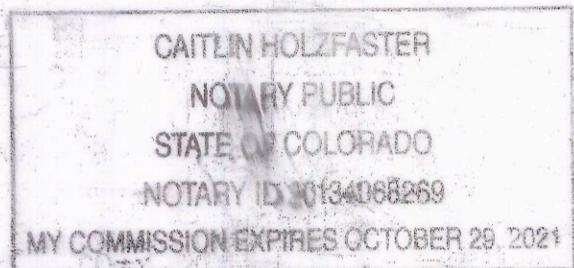
State of Colorado
County of Arapahoe

The foregoing instrument was acknowledged before me this 17 day of October AD, 2017 by
Sheila Graham
(Principals or Owners)

Witness my hand and official seal

Caitlin Holzfaster
(Notary Public)

My Commission expires: 10/29/21
Notary Business Address: 4700 S. Yosemite St. CO 80111



CITY OF AURORA APPROVALS

City Attorney: _____ Date: 11/2/17
Planning Director: _____ Date: 11-3-17
Planning Commission: Robert Beugue Date: May 10, 2017 (Chairperson)
City Council: N/A Date: _____ (Mayor)
Attest: N/A Date: _____ (City Clerk)

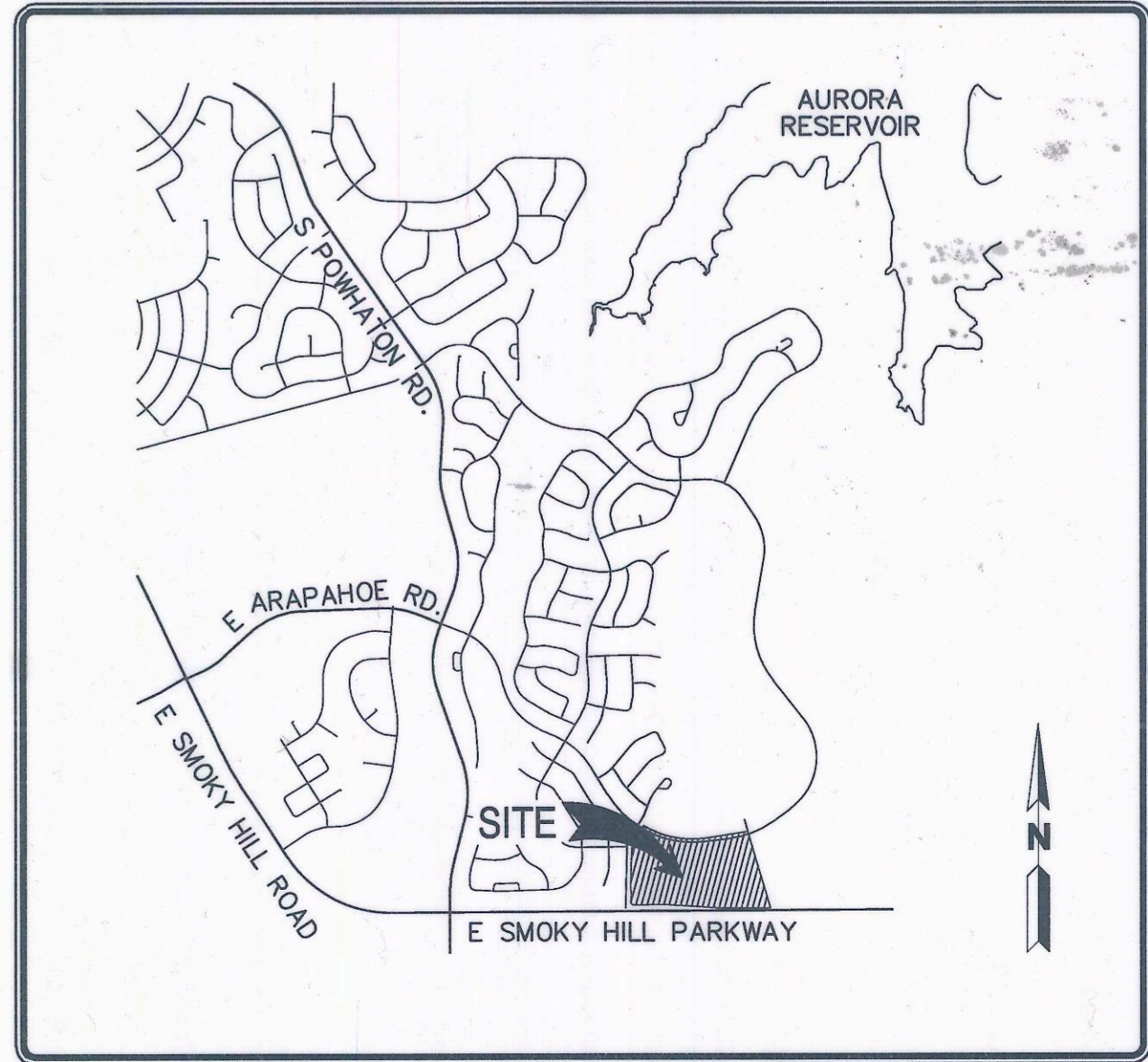
Database Approval Date November 1, 2017

RECORDER'S CERTIFICATE:
Accepted for filing in the office of the Clerk and Recorder of _____
Colorado at _____ o'clock _____ M, this _____ day of _____ AD.
Clerk and Recorder: _____ Deputy: _____

Address

27300 East Southshore Drive
Aurora, Colorado 80016

Vicinity Map: NTS



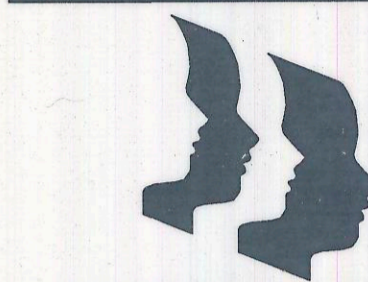
LKA PARTNERS

INCORPORATED

A Professional Corporation for Architecture and Planning

430 North Tejon Street Suite 200
Colorado Springs Colorado 80903
tele: 719.473.8446 fax: 719.473.8448
web: www.lkapartners.com

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Cherry Creek
Elementary No.44

Cherry Creek School District No. 5
4700 South Yosemite Street
Englewood, CO 80111

City of Aurora Contextual Site Plan Review	
Drawn:	JDC
Checked:	DEH
Issued:	02/24/2017
Revised:	04/28/2017
Revised:	05/31/2017
Final:	07/28/2017

COA Title Sheet

TS1.1

Project No. 16.016
The LKA Partners Incorporated

2017-6016-00

Site Specific Notes

- 1

Chiller
- 2

Utility enclosure wall (1/SD3.1)
- 3

Three Rail Estate Fence, centered in gravel bed (5/SD3.1)
- 4

Two Rail Estate Fence (9/SD3.1)
- 5

Mechanical Area Way
- 6

Crawlspace Access Area Way
- 7

New Cross pan at drive entry per City of Aurora Standards and Details.
- 8

Bike Rack typ of 6 (13/SD3.1)
- 9

Masonry Screen Wall
- 10

(40'-0" x 12'-0") Passenger Loading Zone
- 11

New Street Light By Developer
- 12

4" Concrete sidewalk with W.W.F. See 51a, 51b, 52b/ A1.2 for EJ, SJ and CJ, ¼" per foot max cross slope, 10'-0" wide UON
- 13

7" Concrete paving with W.W.F. See 51a, 51b, 52b/ A1.2 for EJ, SJ and CJ, ¼" per foot max cross slope
- 14

8" Concrete paving with W.W.F. See 51a, 51b, 52b/ A1.2 for EJ, SJ and CJ, ¼" per foot max cross slope
- 15

New light pole installed by Xcel Energy (Owners Seperate Contract)
- 16

(Future) Monument Sign
- 17

Crosswalk Striping

a.

24" wide X 4'-0" apart max, 8'-0" upon see City of Aurora DTL TE-14

b.

8'-0" wide total with two parallel lines 12" wide
- 18

Grease Interceptor
- 19

Flag Pole
- 20

Basketball (4 each)or Tetherball Post (2 each,) Coordinate locations w/ owner(19/SD3.1)
- 21

(Future) Portable Classrooms
- 22

Ramped Curb
- 23

Traffic Arrow Graphic
- 24

Traffic Control and Parking Striping

a.

Centerlines: 4" wide solid double yellow, 3" apart

b.

Stop Bars: 24" wide solid white

c.

Auto Parking Stall Lines: 4" wide solid white

d.

Accessible access aisle striping and loading area striping, 4" side lines and 24" apart at crosshatch

e.

International Symbol of Accessibility
- 25

One Way Graphic
- 26

4" Perforated PVC pipe drain adjacent to sidewalk, or curb slope to drain at 1% min
- 27

6" Solid PVC drain pipe.
- 28

4" Perforated PVC drain in gravel play area. Slope to drain at 1% min.
- 29

Pad mounted, gas powered emergency generator
- 30

Demo (E) sidewalk, install new curb and gutter, handicapped ramp and sidewalk per City of Aurora details.
- 31

Irrigation Backflow Preventer
- 32

FDC with approved locking Knox hardware. 2 wood fence posts 3'-6" away each side
- 33

Knox Box with approved hardware
- 34

Knox Box X2 with approved hardware
- 35

Existing Sidewalk
- 36

New Sidewalk to be constructed by Subdivision Developer
- 37

New curb, gutter, handicap ramp and sidewalk to be constructed by Subdivision Developer per City of Aurora details
- 38

See 5 & 13/SD3.1 for playground court striping. Coordinate locations with Owner.
- 39

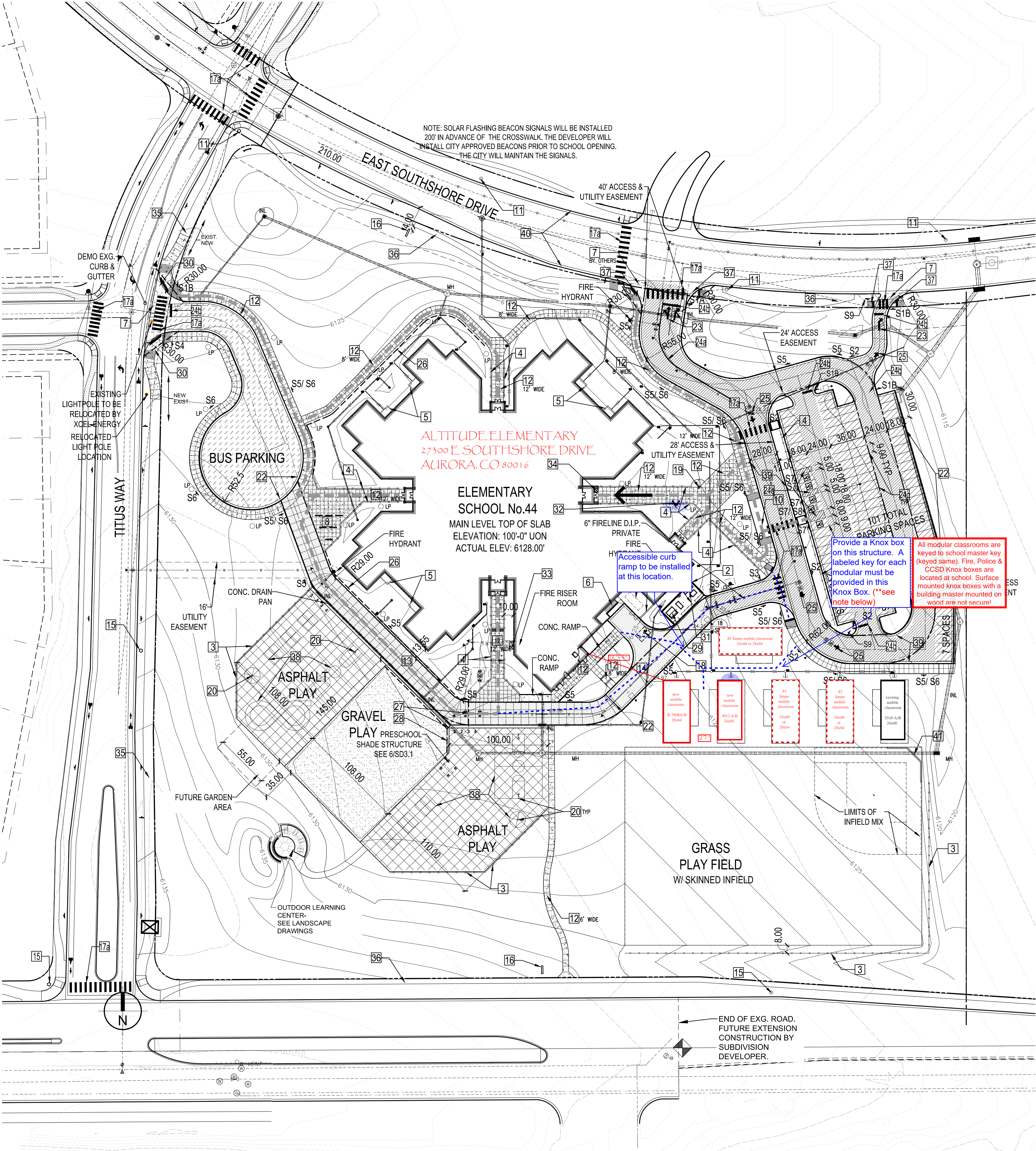
Concrete curb & gutter
- 40

Concrete curb / gutter & asphalt paving by subdivision developer.
- 41

Chain Link Softball Backstop (17/SD3.1)

Site Legend

- Type 1 Asphalt Paving (Drives)
- Type 2 Asphalt Paving (Parking Spaces)
- Type 3 Asphalt Paving (Bus Parking)
- Type 4 Asphalt Paving (Play Areas)
- Concrete Paving
- Concrete Sidewalk
- Gravel Play Area, NIC
- Property Boundary
- Pedestrian Height Light Pole (LP1)
- Light Pole (LP2)
- Fire Hydrant
- Signage (7/SD3.1)
- SEE SHEET SD3.1 FOR FULL SIGNAGE SCHEDULE
- FDC "FDC W/ Approved Knox Hardware"
- Accessible Route
- Building Entrance
- Fire Lane Easement
- Knox Box W/ Approved Hardware
- CURB RAMP



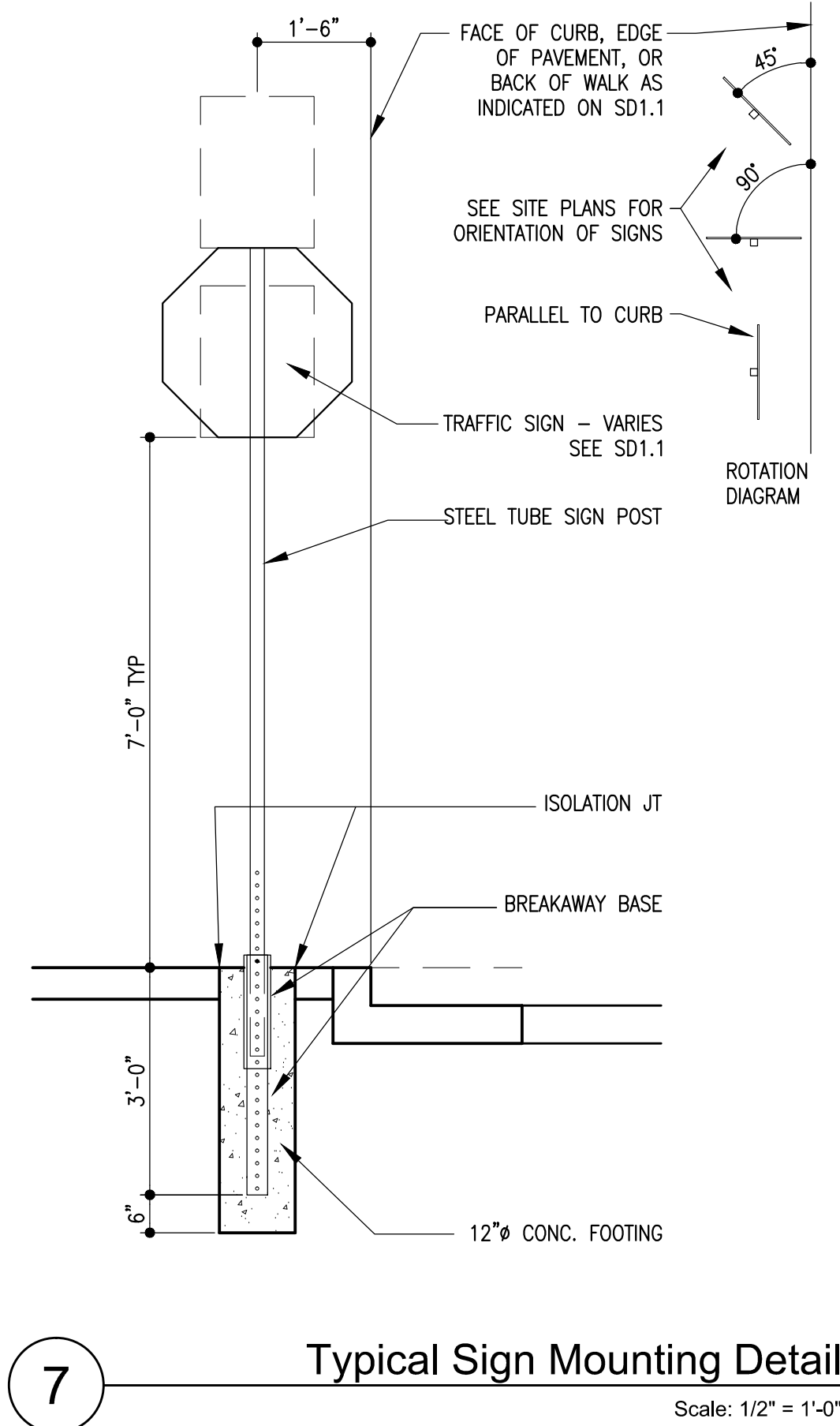
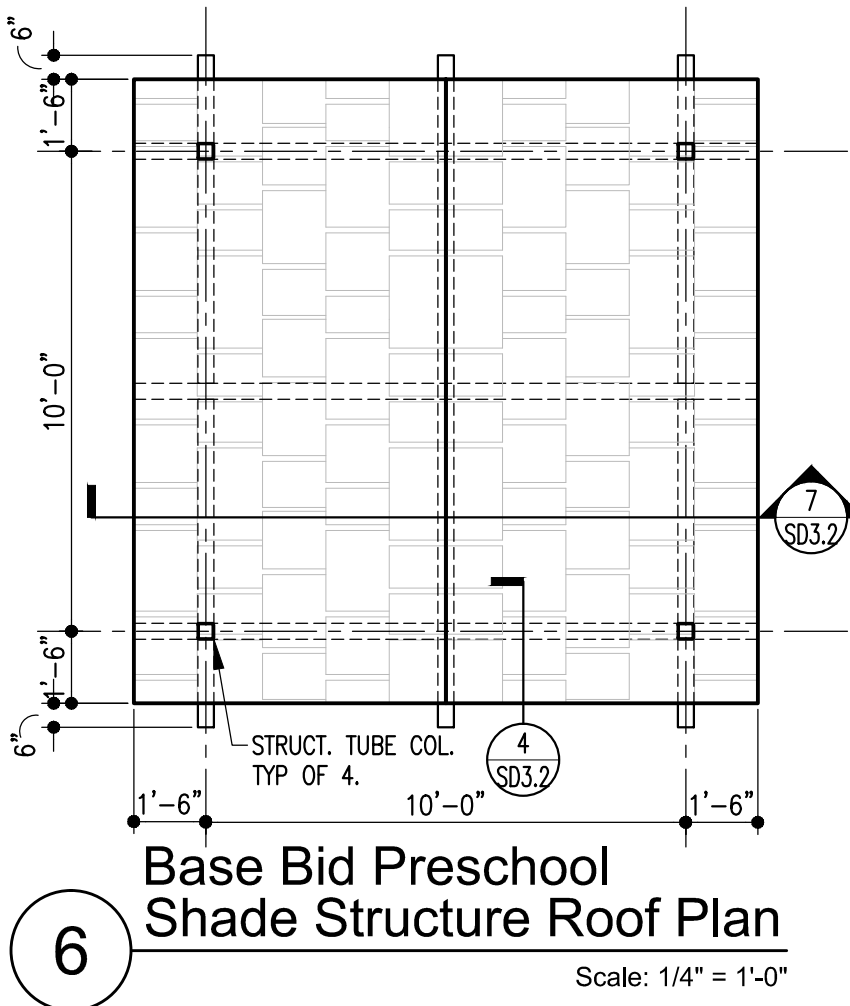
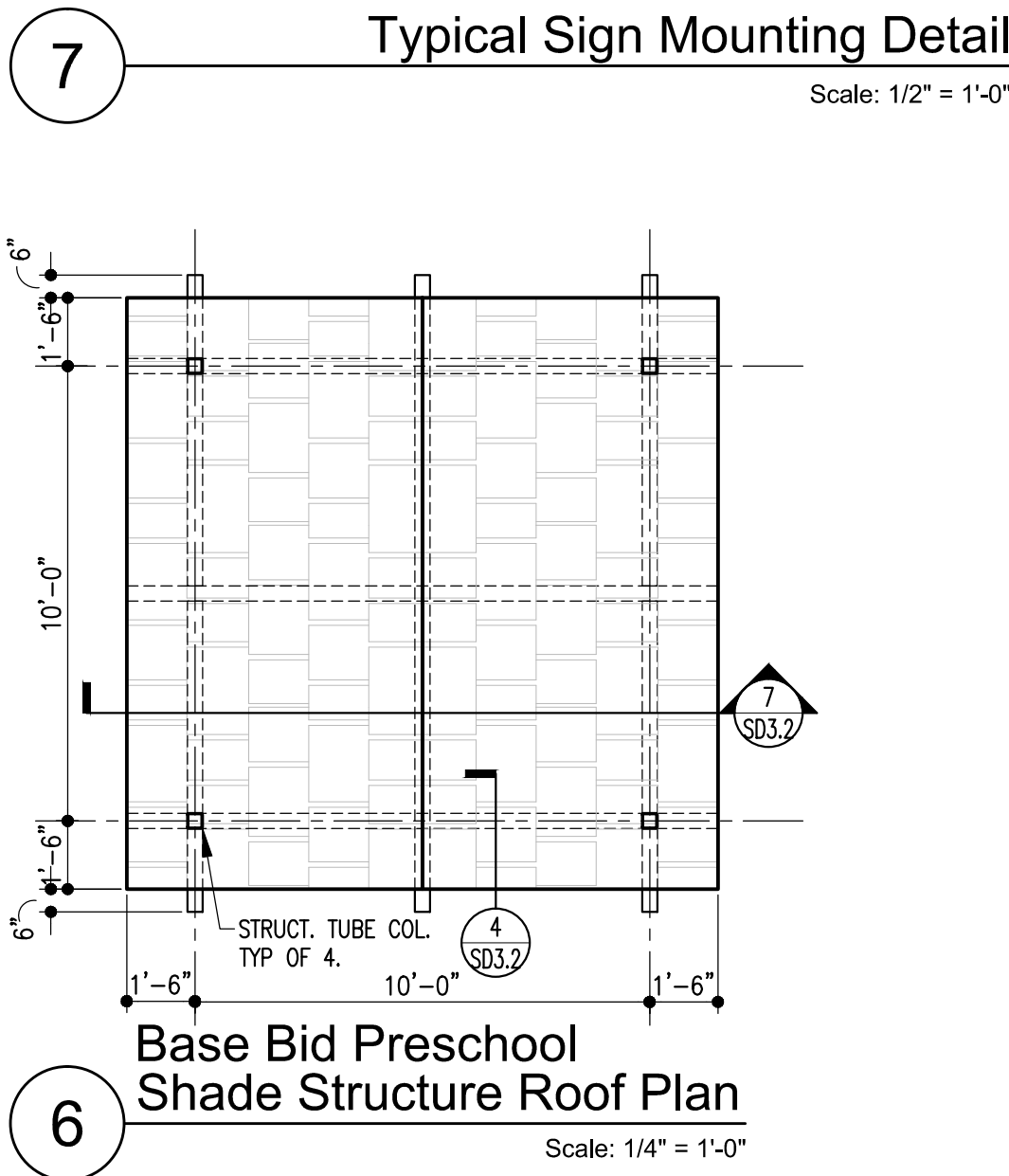
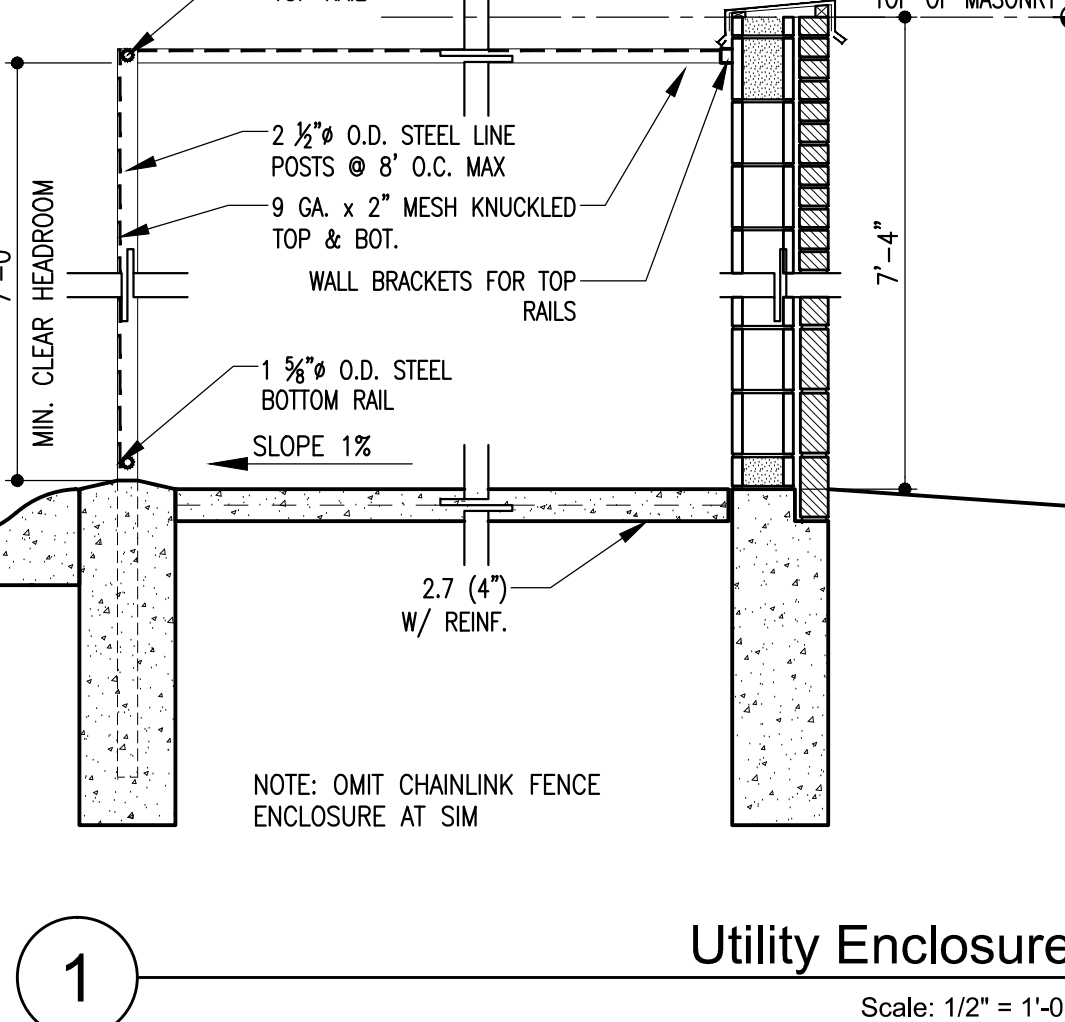
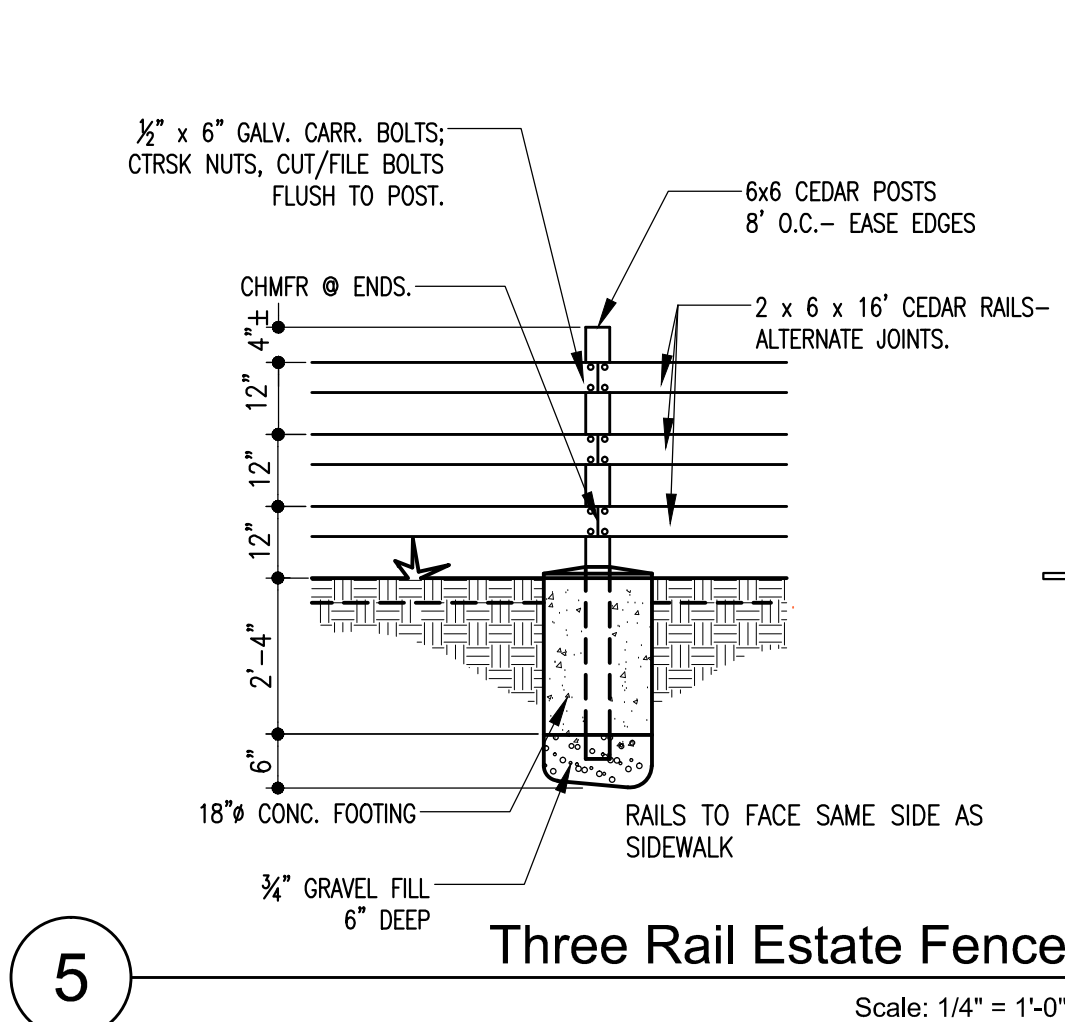
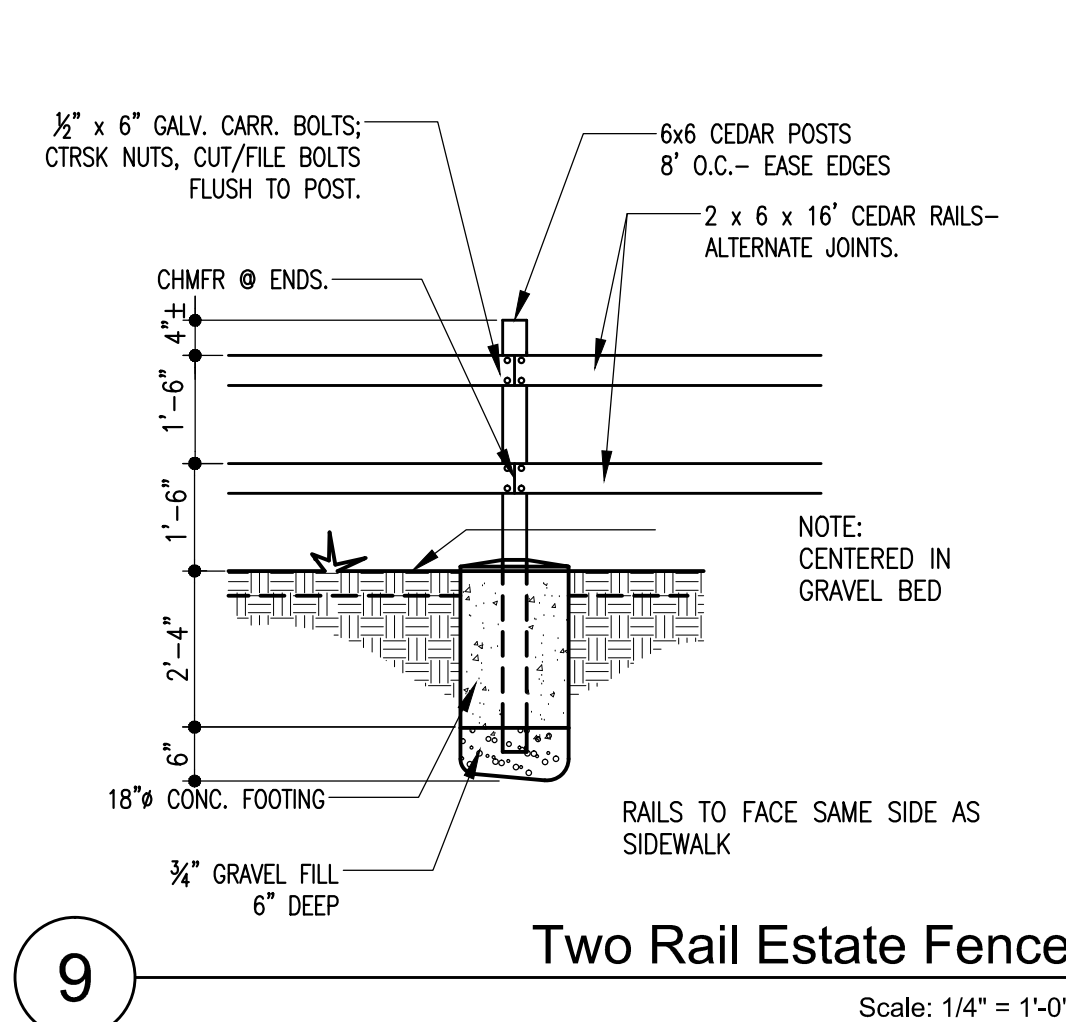
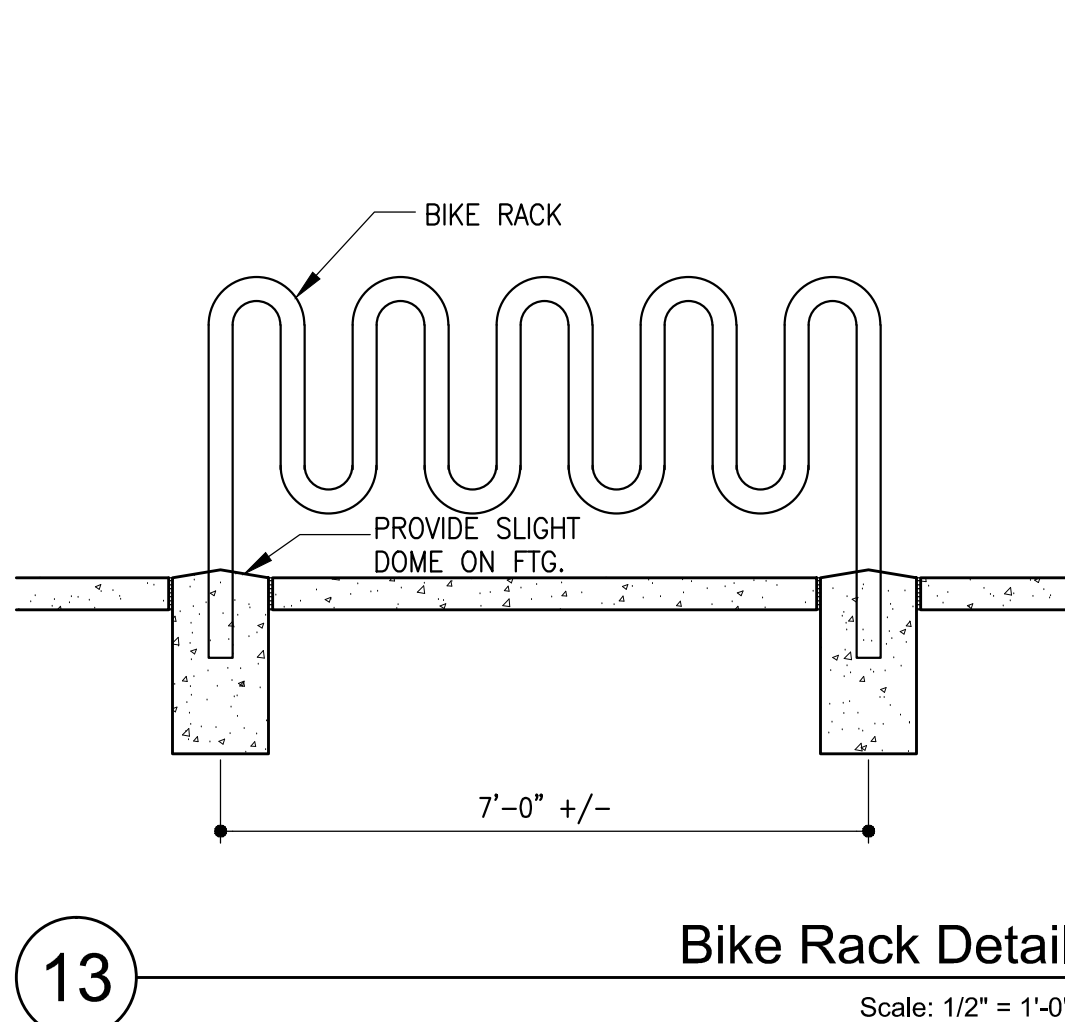
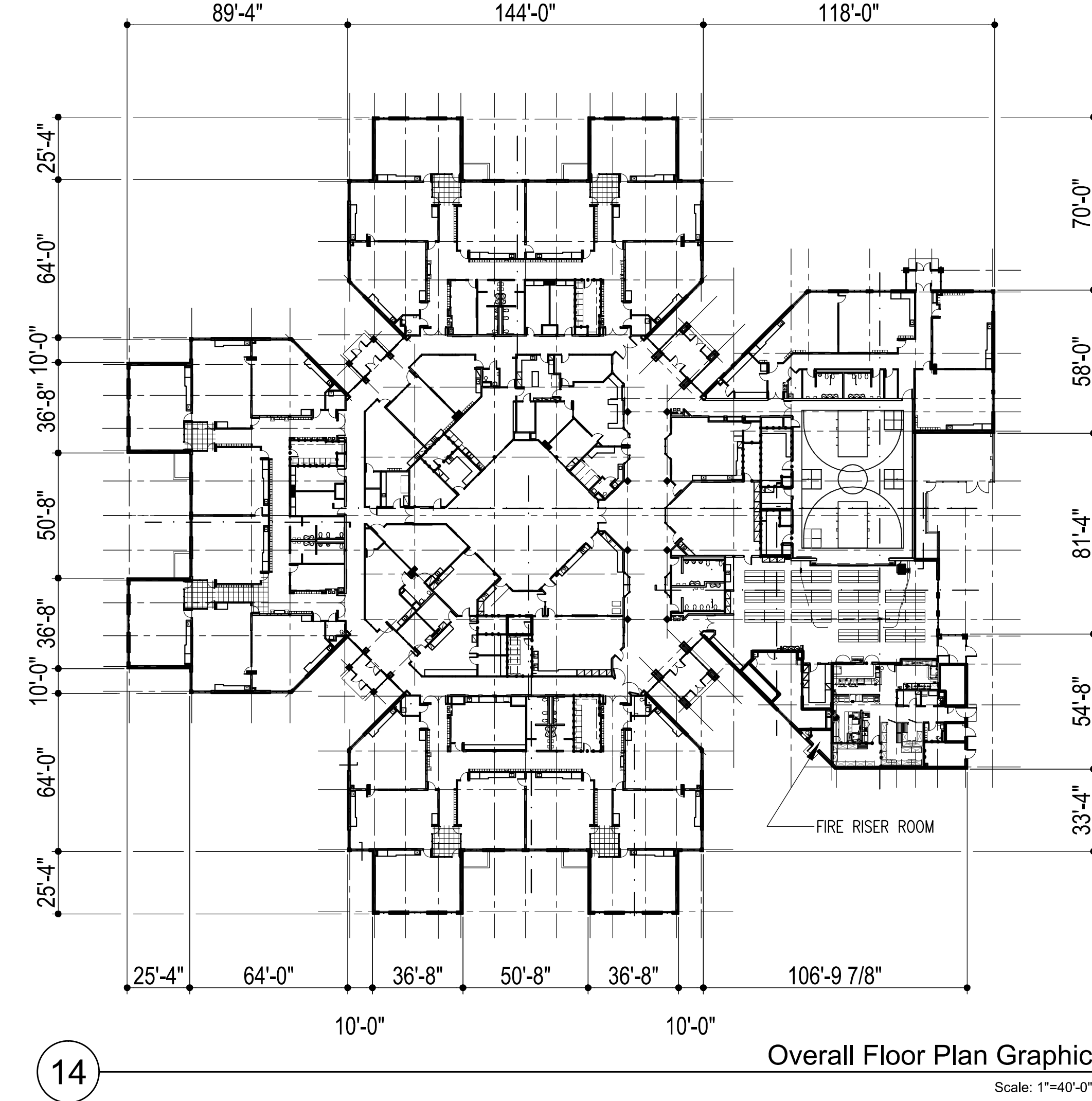
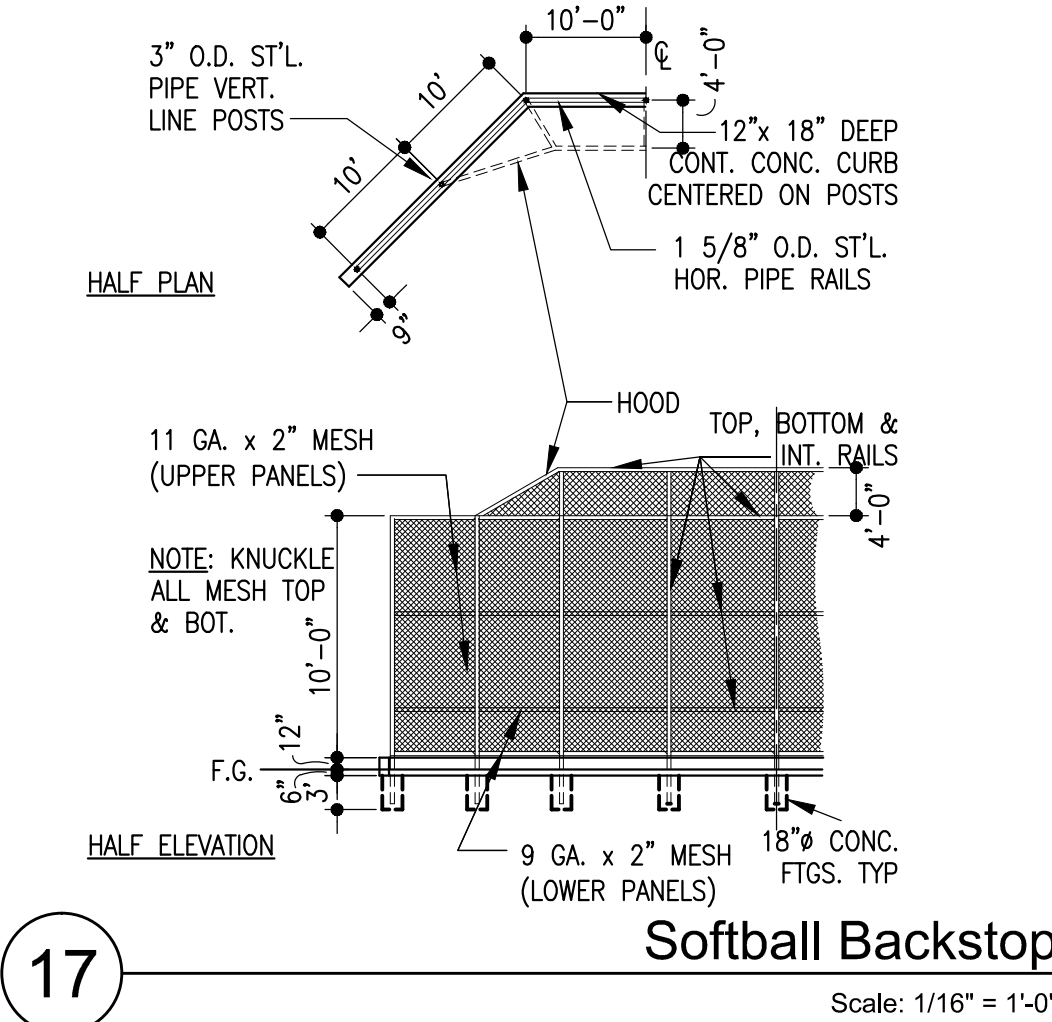
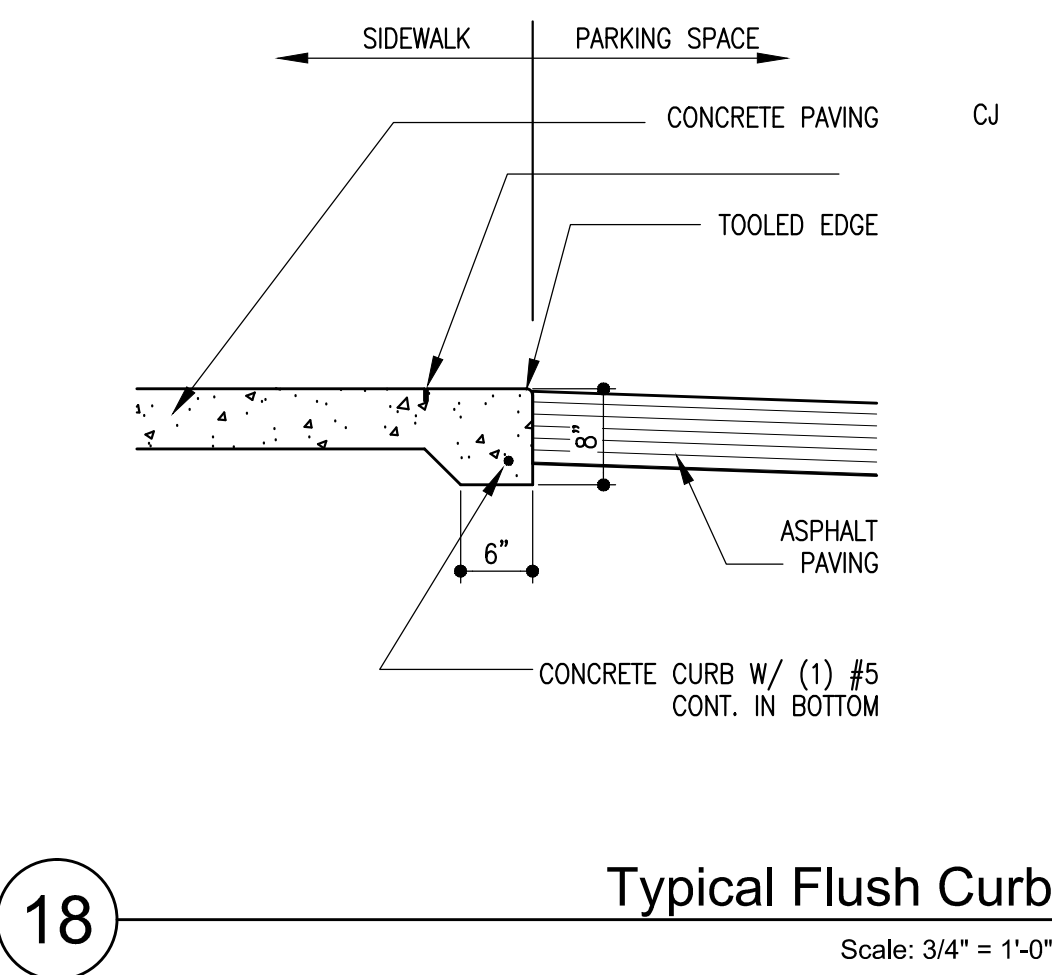
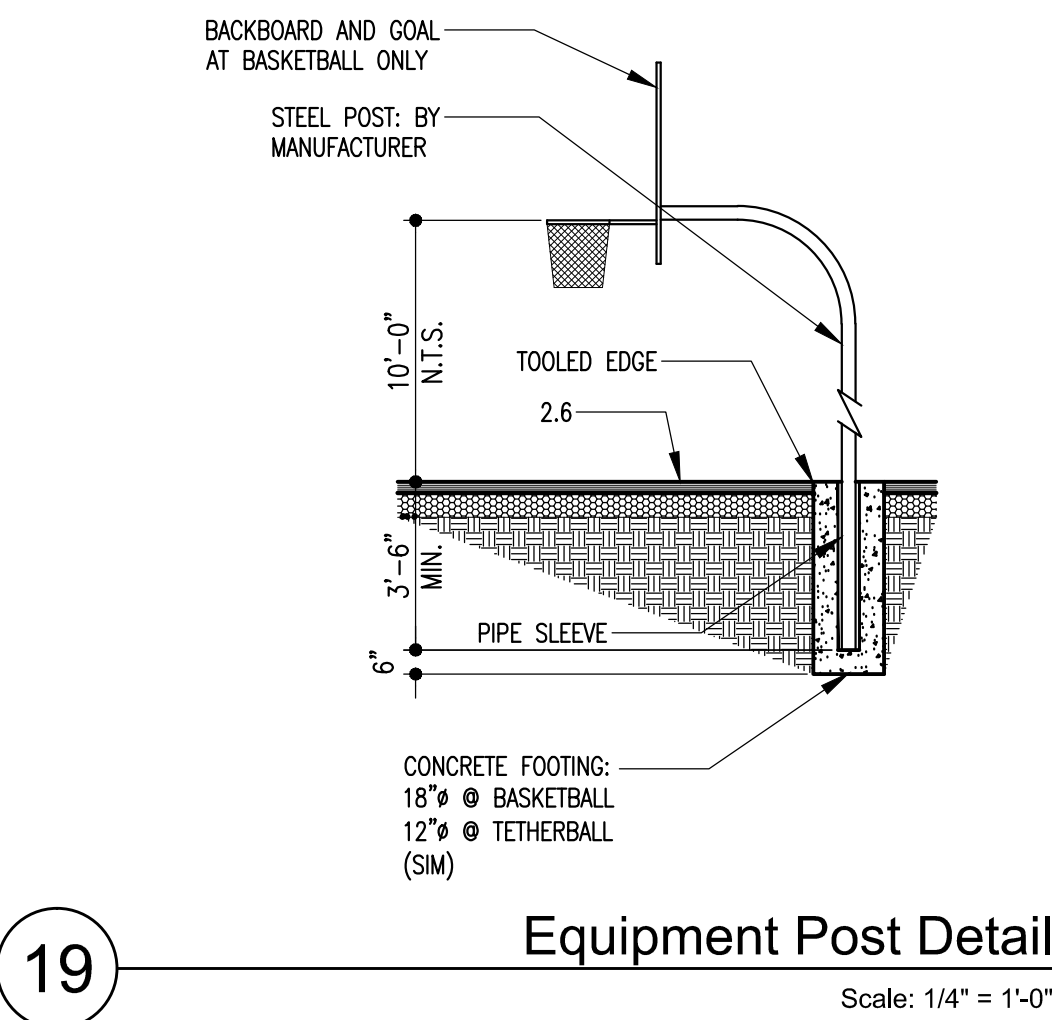
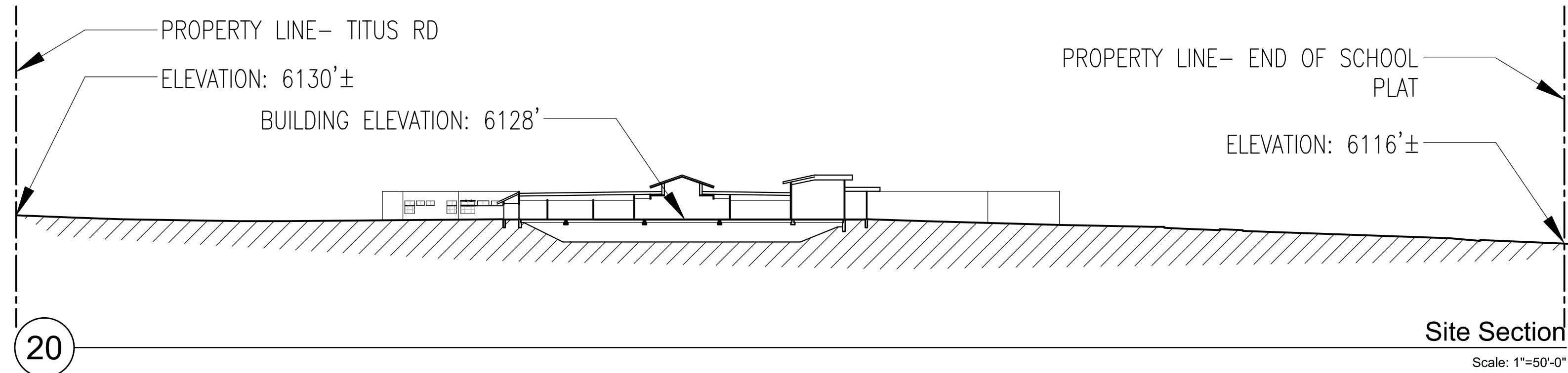
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Elementary No.44

Cherry Creek School District No. 5
4700 South Yosemite Street
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City of Aurora Contextual Site Plan Review	
Drawn:	
Checked:	DEH
Issued:	02/24/2017
Revised:	04/28/2017
Revised:	05/31/2017
Final:	

Site Development
Plan

SD1.1



Typical Sign Mounting Schedule				
TYPE	TEXT/ GRAPHIC	SIZE	VULCAN CATALOG OR MUTCD NO.	COMMENT
S1A	STOP	36"x36" OCTAGON	R1-1	
S1B	STOP	30"x30" OCTAGON	R1-1	
S2	ONE WAY	36"x12"	R6-1	
S3	NO PARKING SERVICE AND DELIVERY AREA	18"x24"	R8-61	
S4	SCHOOL BUS ENTRANCE ONLY	12"x18"	R6-12	
S5	NO PARKING FIRE LANE	12"x18"	R7-6-9	
S6	STUDENT DROP-OFF ONLY	12"x18"	R7-109	
S7	HANDICAPPED PARKING GRAPHIC	18"x18"	D9-6	1
S8	VAN ACCESSIBLE	12"x6"	R7-8P5	
S9	DO NOT ENTER	30"x30"	R5-1	

GENERAL NOTES:
A. SIGNAGE TYPE AND INSTALLATION SHALL MEET ALL REQUIREMENTS OF THE CITY OF AURORA.

NOTES:
1. PROVIDE ONE TYPE S7 SIGN AT ALL HANDICAPPED SPACES

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Cherry Creek Elementary No.44

Cherry Creek School District No. 5

4700 South Yosemite Street
Englewood, CO 80111

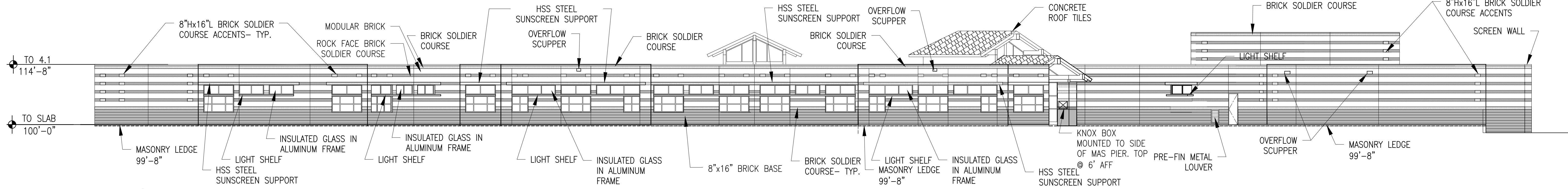
City of Aurora
Contextual Site Plan Review

Drawn: _____ Production: _____
Checked: _____ DEH
Issued: 02/24/2017
Revised: 04/28/2017
Revised: 05/31/2017
Final: _____

COA Detail Sheet

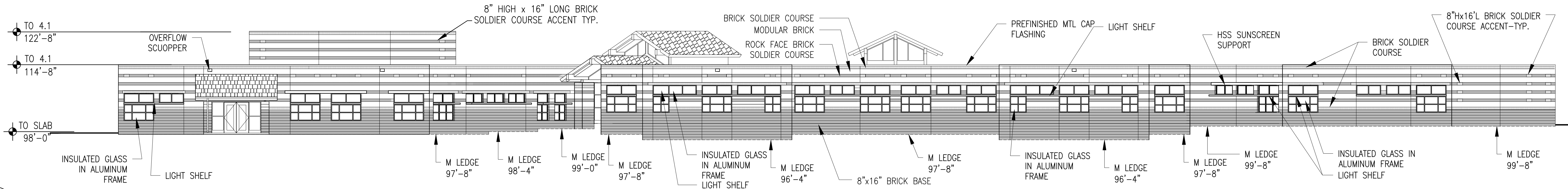
SD3.1

Project No. 16.016
The LKA Partners Incorporated



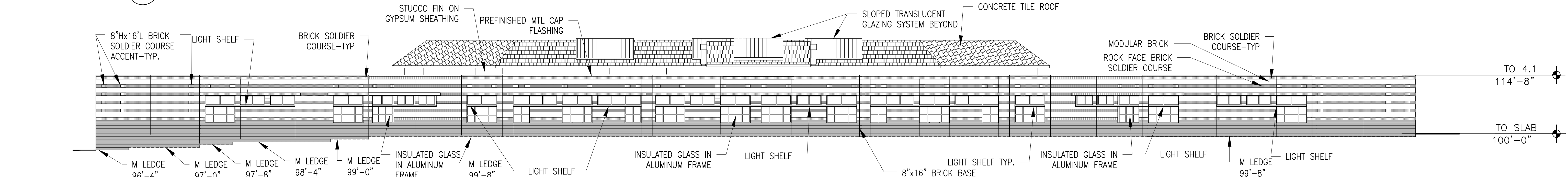
Southwest Elevation

3/32"=1'-0"



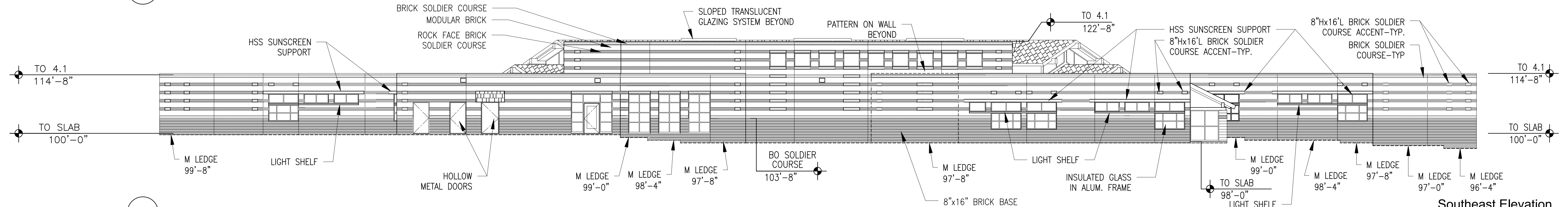
Northeast Elevation

3/32"=1'-0"



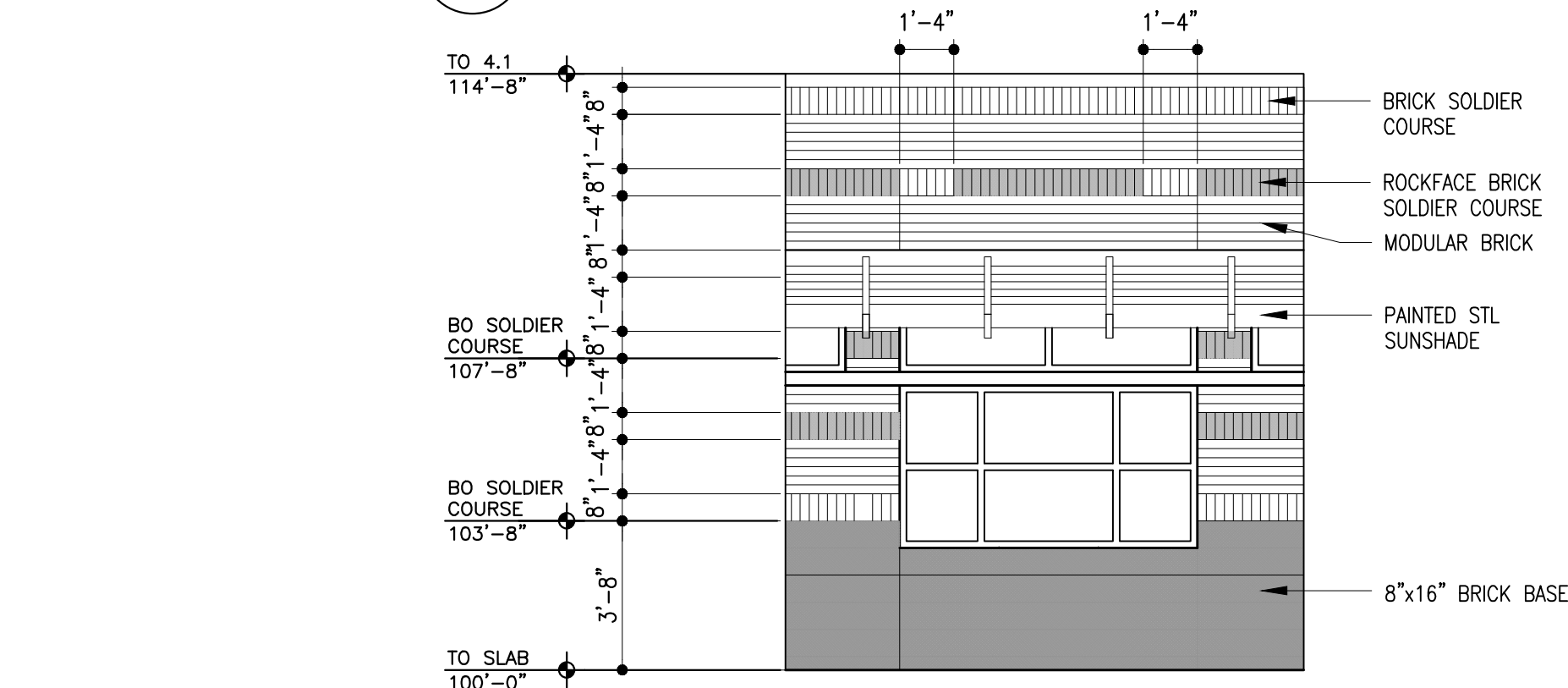
Northwest Elevation

3/32"=1'-0"



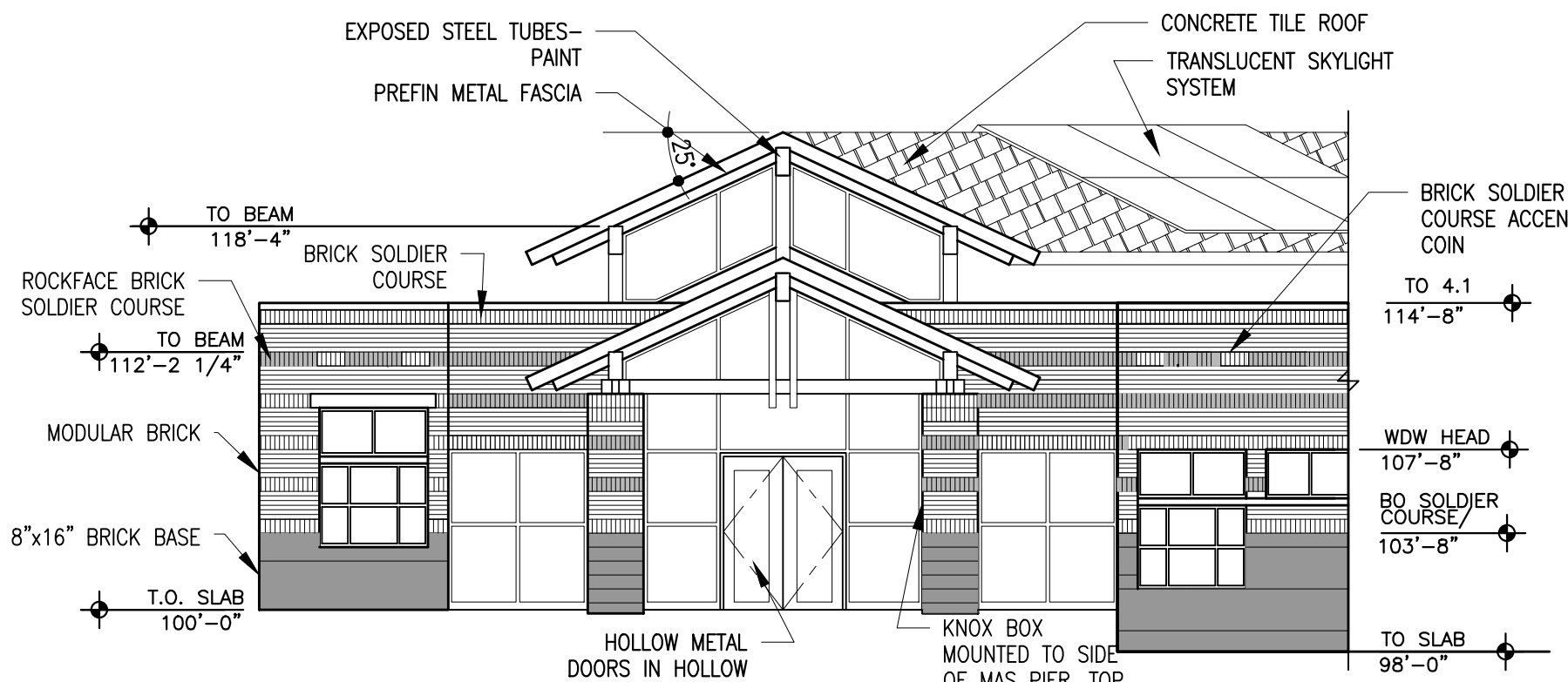
Southeast Elevation

3/32"=1'-0"



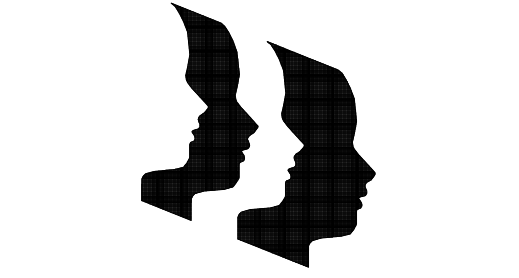
Typical Sunscreen Elevation

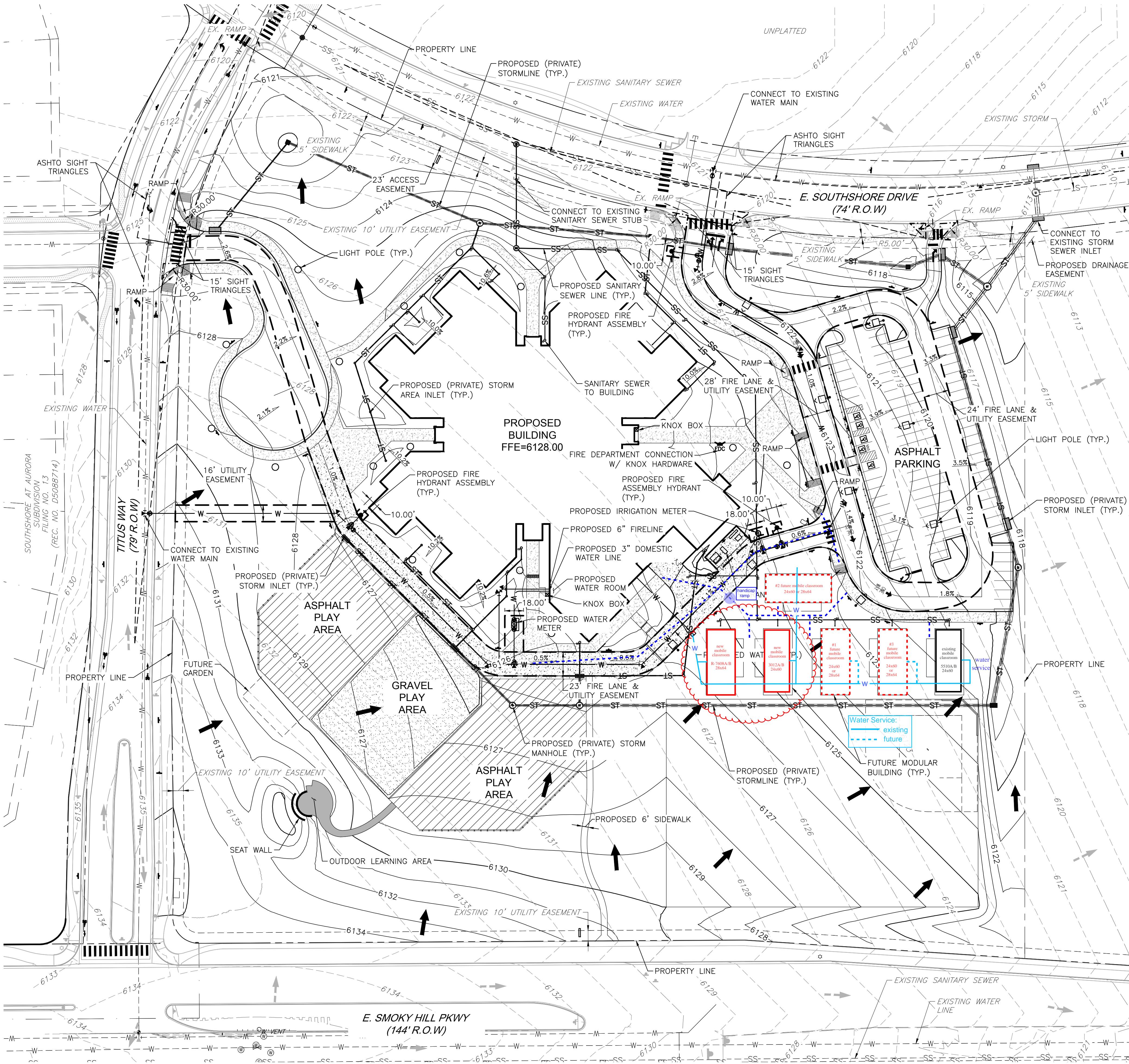
1/4"=1'-0"



Main Entry Elevation

1/8"=1'-0"





BENCHMARK:
BENCHMARK ID 556528NW002: ELEVATIONS ARE BASED ON THE CITY OF AURORA VERTICAL CONTROL NETWORK. A 3" BRASS CAP (STAMPED CITY OF AURORA, BM 23-135) IN CONCRETE BEING 1 FOOT WEST OF A NORTH-SOUTH FENCE LINE 11.5 FEET NORTH AND 19 FEET EAST OF THE WEST QUARTER CORNER OF SECTION 28, TOWNSHIP 5 SOUTH, RANGE 65 WEST.

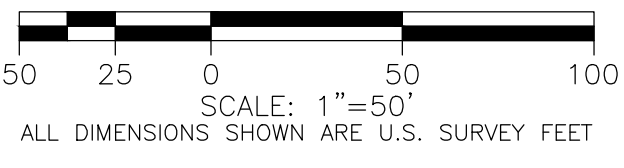
ELEVATION = 6056.94 (NAVD 1988) CITY OF AURORA DATUM

BASIS OF BEARINGS:
BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 5 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN BEARS N89°08'57"E BEING MONUMENTED BY A FOUND 2-1/2" ALUMINUM CAP, LS NO. 29430 AT THE NORTHWEST CORNER OF SECTION 28 AND A FOUND 3-1/4" ALUMINUM CAP, LS NO. 29036 AT THE NORTHEAST CORNER OF SECTION 28.

EARTHWORK:
CUT: 29,205 CY
FILL: 12,693 CY
NET: 16,152 CY CUT

EARTHWORK DISCLAIMER:
EARTHWORK QUANTITIES ARE RAW NUMBERS AND HAVE NOT BEEN ADJUSTED TO ACCOUNT FOR SHRINK, SWELL, COMPACTION, UTILITY SPOILS, ETC. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL EARTHWORK

NOTES:
1. ALL PROPOSED STORM SEWER IS PRIVATE AND SHALL BE MAINTAINED BY CHERRY CREEK SCHOOL DISTRICT.



EXISTING	LEGEND	PROPOSED
---	PROPERTY LINE	---
---	RIGHT-OF-WAY LINE	---
---	SECTION LINE	---
---	EASEMENT	---
---	RETAINING WALL	---
---	CURB & GUTTER	---
---	HANDICAP RAMPS	---
---	UTILITY CROSSING	---
---	STORM SEWER	---
---	STORM MANHOLE	---
---	STORM INLET	---
---	SANITARY SEWER	---
---	SANITARY MANHOLE	---
---	CLEAN OUT	---
---	WATER LINE	---
---	WATER VALVE	---
---	FIRE HYDRANT	---
---	WATER METER	---
---	LIGHT POLE	---
---	SIGN	---
---	DRIVE	---
---	CONTOURS	---
---	GRADING ARROW	---
---	SPOT ELEVATIONS	---

WATER FIXTURE METER SIZING CALCULATIONS					
FIXTURE	OCCUPANCY (PUBLIC/PRIVATE)	TYPE OF SUPPLY (TANK OR VALVE)	QUANTITY OF FIXTURES	FIXTURE UNITS (F.U.)	TOTAL F.U.
WC	PUBLIC	VALVE	30	10	300
UR	PUBLIC	VALVE	10	5	50
LAV	PUBLIC	-	28	2	56
EW/C	PUBLIC	-	9	.25	2.25
SINK	PUBLIC	-	58	3	174
HB/SC	PUBLIC	-	18	2	36
MB	PRIVATE	-	7	3	21
WC	PRIVATE	VALVE	1	6	6
LAV	PRIVATE	-	1	1	1
WCB	PRIVATE	-	8	.5	4
TOTAL FIXTURE UNIT COUNT				650.25	fixtures
PEAK DEMAND ESTIMATE (gpm)				161	gpm
ADDITIONAL CONTINUOUS DEMAND (IRRIGATION, ETC.) (gpm) separate 3" meter				116	gpm
TOTAL FLOW IN (gpm)				277	gpm
TOTAL FLOW IN (cfm)				37	cfm
WATER PRESSURE AT MAIN (psi)				X	psi
LENGTH OF SERVICE LINE FROM PUBLIC MAIN TO BUILDING (ft)				X	ft
HEADLOSS THROUGH BUILDING SERVICE (ft)				X	ft
LOSS THROUGH METER (ft)				X	ft
PRESSURE LOSS AT BUILDING CONNECTION				X	psi
VELOCITY IN SERVICE LINE				X	ft/sec
REQUIRED WATER METER SIZE				3	-inch Meter

- Fixture unit values can be discounted 30% for water-saving devices
- Based upon International Plumbing Code (2006 or 2009 Edition)
- Maximum velocity in any segment of the service line from water main to building is 10 F.P.S.
- Meter sizes subject to re-review if tenant finish is required for commercial or industrial buildings.
- Refer to the current adopted International Plumbing Code for definitions of Public versus Private fixtures.



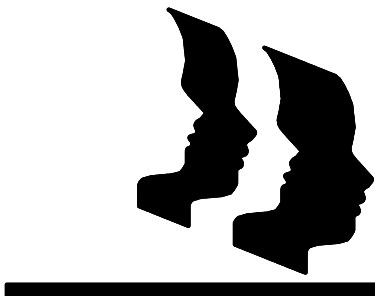
CALL 811 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

MARTIN/MARTIN ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE SIZE, MATERIAL, HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

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Cherry Creek Elementary No.44

Cherry Creek School District No. 5

4700 South Yosemite Street
Englewood, CO 80111

City of Aurora
Contextual Site Plan Review
Drawn: MC
Checked: JTA
Issued: 02/24/2017
Revised: 04/28/2017
Revised: 05/31/2017
Final:

GRADING AND UTILITY PLAN

C1.0

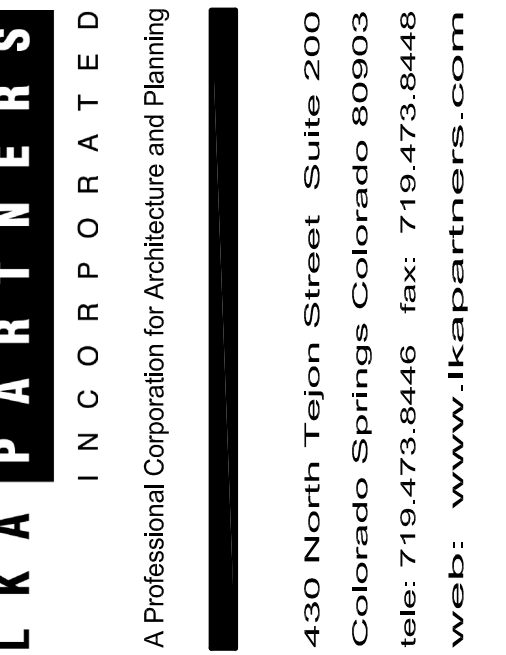
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NOT FOR CONSTRUCTION

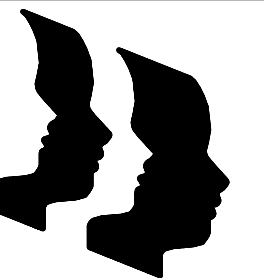
---	PROPERTY LINE		FIRE HYDRANT		BLUEGRASS SOD		PROPOSED DECIDUOUS TREE		PROPOSED DECIDUOUS SHRUBS
- - -	EASEMENT LINE		WATER VALVE		IRRIGATED NATIVE SEED		PROPOSED EVERGREEN TREE		PROPOSED EVERGREEN SHRUBS
- - -	EXISTING CONTOUR MAJOR		STORM SEWER MANHOLE		SKINNED INFIELD		PROPOSED ORNAMENTAL TREE		PROPOSED ORNAMENTAL GRASSES
- - -	EXISTING CONTOUR MINOR		STORM DRAIN		10' WIDE NO PLANTING/ NO-IRRIGATION ZONE (GRAVEL MULCH OVER FABRIC)		PROPOSED EVERGREEN TREE		PROPOSED PERENNIALS
- - -	PROPOSED CONTOUR MAJOR		LIGHTS						
- - -	PROPOSED CONTOUR MINOR								
- - -	GAS LINE								
- - -	WATER LINE								
- - -	STORM WATER SEWER								
- - -	SS								

The diagram illustrates a gear pump assembly. A horizontal line divides the assembly into two levels. The upper level, labeled 'L-1', shows the internal gear mechanism, including two meshing gears and the surrounding housing. The lower level, labeled 'L-2', is shaded with diagonal lines and shows the external housing and mounting flange. The gears are positioned such that their mesh is visible through the housing.



DHM DESIGN

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Cherry Creek
Elementary No.44

Cherry Creek School District No. 5
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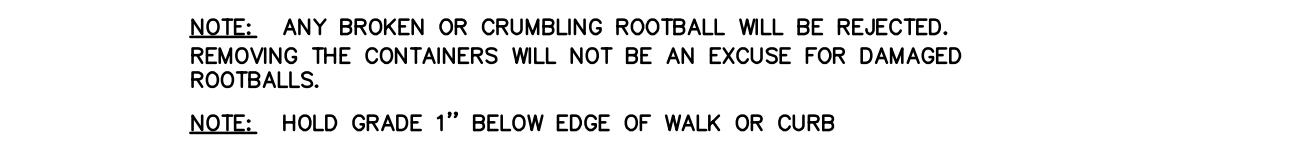
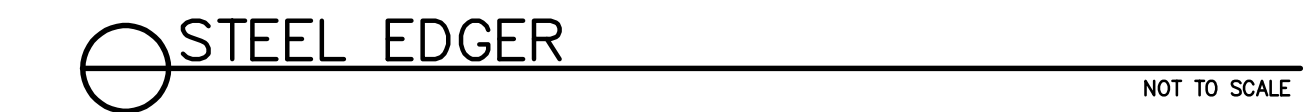
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Revised:	04/28/2017
Revised:	
Final:	

Landscape Plan

L-2

Project No. 16.016
The LKA Partners Incorporated

SYM	QTY	COMMON	BOTANICAL NAME	SIZE	DESCRIPTION	WATER USAGE
DECIDUOUS SHADE TREE						
	2	Frontier Elm	Ulmus Frontier	2 1/2" cal.	Specimen quality B&B, staked	X
	4	Swamp White Oak	Quercus bicolor	2 1/2" cal.	Specimen quality B&B, staked	XX
	8	Shademaster Honeylocust	Gleditsia triacanthos 'inermis 'Shademaster'	2 1/2" cal.	Specimen quality B&B, staked	X
	3	Imperial Honeylocust	Gleditsia triacanthos inermis 'Imperial'	2 1/2" cal.	Specimen quality B&B, staked	X
	12	Northern Red Oak	Quercus rubra	2 1/2" cal.	Specimen quality B&B, staked	XX
	10	English Oak	Quercus robur	2 1/2" cal.	Specimen quality B&B, staked	XX
	6	Western Hackberry	Celtis occidentalis	2 1/2" cal.	Specimen quality B&B, staked	XX
	18	Autumn Blaze Maple	Acer freemanii 'Autumn Blaze'	2 1/2" cal.	Specimen quality B&B, staked	XX
	8	Western Catalpa	C. speciosa	2 1/2" cal.	Specimen quality B&B, staked	—
	12	Sterling Silver Linden	Tilia tomentosa 'Sterling'	2 1/2" cal.	Specimen quality B&B, staked	XX
ORNAMENTAL TREE						
	12	Spring Snow Crabapple	Malus 'Spring Snow'	2" cal.	Specimen quality B&B, staked	X
	15	Thornless Cockspur Hawthorn	Crataegus crus-galli 'Inermis'	2" cal.	Specimen quality B&B, staked	XXX
	19	Autumn Brilliance Serviceberry	Amelanchier x grandiflora	2" cal.	Specimen quality B&B, staked	XX
EVERGREEN TREE						
	21	Austrian Pine	Pinus nigra	6'–8" ht. (Refer to Plan)	Specimen quality B&B, guyed	XXX
	39	Ponderosa Pine	Pinus ponderosa	8–12" ht. (Refer to Plan)	Specimen quality B&B, guyed	XXX
	7	Pinyon Pine	Pinus edulis	6–8" ht. (Refer to Plan)	Specimen quality B&B, guyed	XXX
DECIDUOUS SHRUBS						
	24	Golden Currant	Ribes aureum	5 gal.	Container, 5 canes min. 12"–18" ht.	XXX
	74	Gro–Low Sumac	Rhus aromatica 'Gro–Low'	5 gal.	Container, 5 canes min. 12"–18" ht.	XXX
	38	Coralberry	Symphoricarpos x chenault 'Hancock'	5 gal.	Container, 5 canes min. 12"–18" ht.	—
	137	Red Shrub Rose	Rosa 'Knock Out'	5 gal.	Container, 5 canes min. 12"–18" ht.	XX
	57	Dwarf Burning Bush	Euonymus alatus 'Compactus'	5 gal.	Container, 5 canes min. 12"–18" ht.	X
	69	Pawnee Buttes Sandcherry	Prunus besseyi 'Pawnee Buttes'	5 gal.	Container, 5 canes min. 12"–18" ht.	—
	41	Miss Kim Lilac	Syringa patula 'Miss Kim'	5 gal.	Container, 5 canes min. 12"–18" ht.	XX
	56	Dwarf Korean Lilac	Syringa meyeri 'Palibin'	5 gal.	Container, 5 canes min. 12"–18" ht.	XX
	78	White Potentilla	Potentilla fruticosa 'White'.	5 gal.	Container, 5 canes min. 12"–18" ht.	XX
	32	Anthony Waterer Spirea	Spirea japonica 'Anthony Waterer'	5 gal.	Container, 5 canes min. 12"–18" ht.	X
	10	Mockorange	Philadelphus sp.	5 gal.	Container, 5 canes min. 12"–18" ht.	XX
	53	Black Chokeberry	Aronia melanocarpa	5 gal.	Container, 5 canes min. 12"–18" ht.	X
	8	Three Leaf Sumac	Rhus trilobata	5 gal.	Container, 5 canes min. 12"–18" ht.	—
EVERGREEN SHRUBS						
	141	Buffalo Juniper	Juniperus sabinia 'Buffalo'	5 gal.	Container 18"–24" spread	X
	95	Dwarf Mugo Pine	Pinus mugo pumilo	5 gal.	Container 18"–24" spread	—
ORNAMENTAL GRASSES						
	486	Feather Reed Grass	Calamagrostis latifolium	1 gal.	Container Well established	X
PERENNIALS						
	107	Daylily	Hemerocallis 'stella D'oro'	1 gal.	Container Well established	X

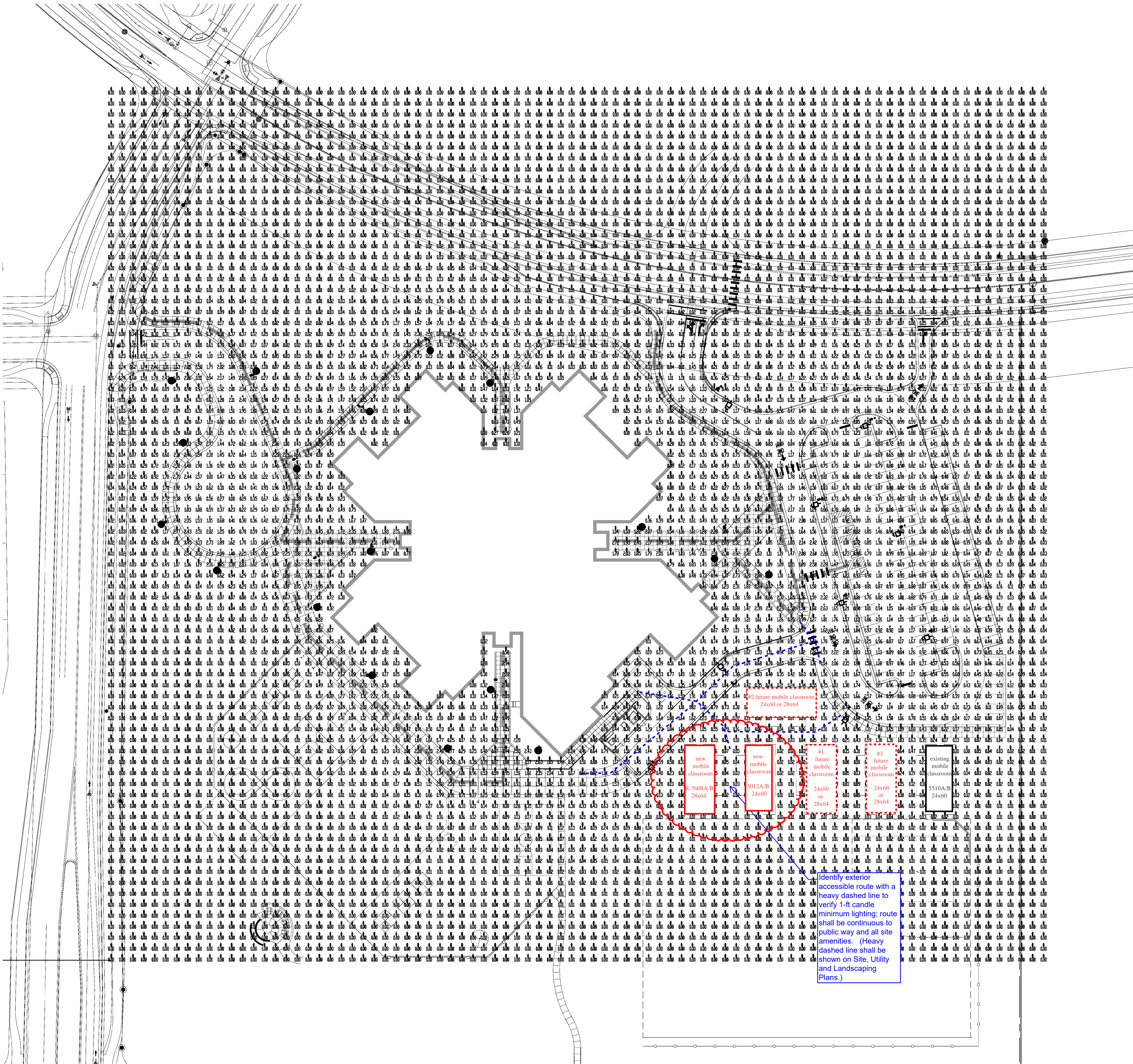


SITE DATA	AREA IN SF	%
Total Site Area:	641,570 SF	100%
Building Coverage:	69,922 SF	11%
Hardscape Area:	143,440 SF	22.3%
Playing Fields	60,325 SF	9.4%
Landscape Area:	367,883 SF	57.3%
Maximum % of cool season grasses allowed:	121,401 SF	33%
% of cool season grasses provided:	85,108 SF	23%

* 70 SHRUBS PROVIDED AS TREE EQUIVALENTS FOR 7 TOTAL TREE EQUIVALENTS.

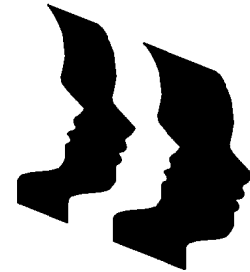
					TREES/SHRUBS REQUIRED		TREES/SHRUBS PROVIDED	
AREA	DESCRIPTION	LENGTH	WIDTH REQ.	WIDTH PROVIDED	TREES REQ. (1/40 LF)	SHRUBS REQ. (10/40 LF)	TREES PROVIDED	SHRUBS PROVIDED
A	East Southshore Parkway	730'	25'	25'	18	180	30*	70
B	Smoky Hill Road	775'	20'	20'	18	180	29**	68
C	Titus Way	815'	20'	20'	18	180	24***	125
D	East Buffer	650'	10'	25'	17	170	24****	101

ELEVATION	ELEVATION LENGTH	TREE EQUIVALENT REQUIRED (1 TREE EQUIVALENT PER 40 LF)	TREES PROVIDED
North	315'	8	8
South	350'	9	9
East	310'	8	8
West	350'	9	9



SITE PHOTOMETRIC
SCALE: 1"=50' 0"

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4700 South Yosemite Street
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City of Aurora
Contextual Site Plan Review

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Checked: DEH
Issued: 02/24/2017
Revised:
Revised:
Final:

Electrical Site
Development
Plan

SDE-1

Project No. 16.016
The LKA Partners Incorporated

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TYPE S1 LUMINARY

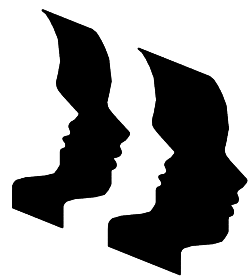
CHERRY CREEK ELEMENTARY #44 (022075) D LUMINAIRE SCHEDULE									
TYPE	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY		
S1	⬤	KW LIGHTING 1-AL13-P35-60L ⊙ "A50" AL13P35-60LK	⊙ LED	-1	14"	0.90	18		
S2	⬤	KW LIGHTING 1-AL13-P35-60L ⊙ "A50" AL13P35-120LK-FGL	⊙ LED	-1	25"	0.90	3		
S3	⬤	KW LIGHTING 2-AL13-P35-120L ⊙ "A50" AL13P35-120LK-FGL	⊙ LED	-1	25"	0.90	3		
S4	⬤	KW LIGHTING AL13-P35-120L ⊙ "A50" AL13P35-120LK-FGL	⊙ LED	-1	25"	0.90	3		

AREA SUMMARY SCHEDULE					
AREA NAME	I/O	DIMENSIONS	LUMS / <ASMS>	WATTS / SQ FT	QTY
SITE	OUT	860.00x800.00ft	<S1 > (18) <S2 > (3) <S3 > (3) <S4 > (3)	0.00	1

TYPES S2, S3 AND S4 LUMINARIES

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DATE 08-22-2011 BY 60322 UCBAW

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 Revised: _____
 Final: _____

LUMINARIES

SDE02