

CONSTRUCTION DRAWINGS

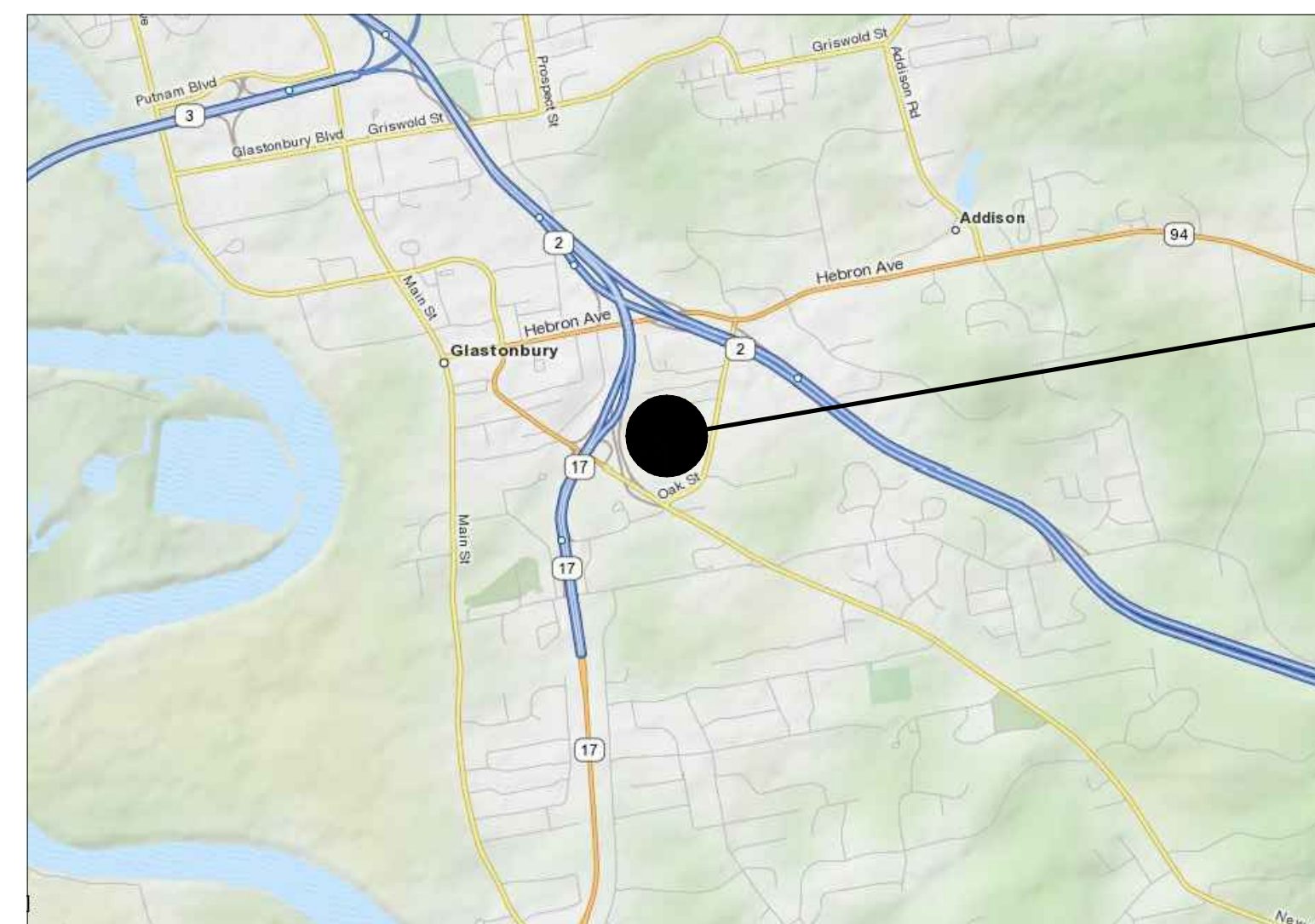
SEPTEMBER 26, 2011

PLAYGROUNDS FOR THE GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL 95 OAK STREET, GLASTONBURY, CONNECTICUT

STATE PROJECT NO: 0054-0095 MAG/N/PS

STATE PROJECT NO: 0054-0096 MAG/N/PS

Phase 4 of 4



SITE LOCATION

NTS

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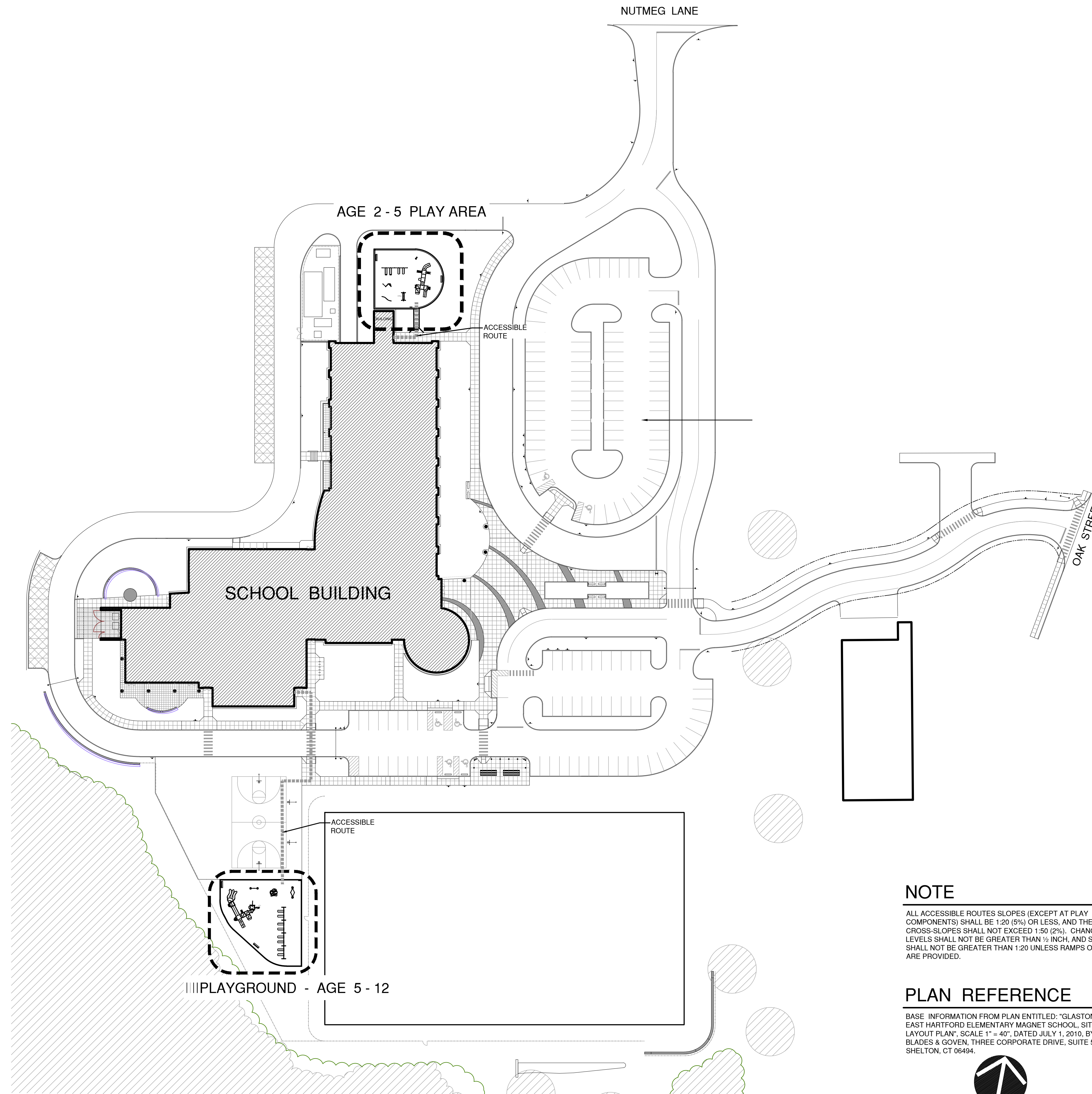
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Prepared by:

TO
DESIGN_{LLC}
Landscape Architecture
Civil Engineering

114 West Main Street, Suite 201
New Britain, CT 06051
P 860.612.1700
F 860.612.1757

www.todesignllc.com

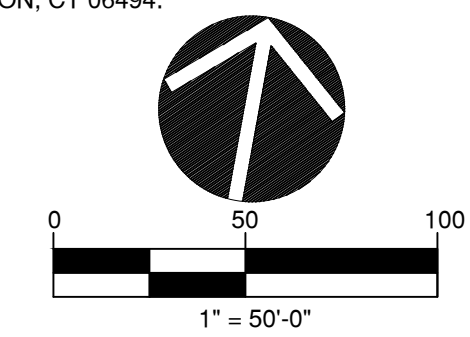


NOTE

ALL ACCESSIBLE ROUTES SLOPES (EXCEPT AT PLAY COMPONENTS) SHALL BE 1:20 (5%) OR LESS, AND THE CROSS-SLOPES SHALL NOT EXCEED 1:50 (2%). CHANGES IN LEVELS SHALL NOT BE GREATER THAN 1/2 INCH, AND SLOPES SHALL NOT BE GREATER THAN 1:20 UNLESS RAMPS OR LIFTS ARE PROVIDED.

PLAN REFERENCE

BASE INFORMATION FROM PLAN ENTITLED: "GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL, SITE LAYOUT PLAN", SCALE 1" = 40', DATED JULY 1, 2010, BY BLADES & GOVEN, THREE CORPORATE DRIVE, SUITE 502, SHELTON, CT 06494.



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Sophisticated Site Design
Landscape Architecture
Civil Engineering

114 West Main Street, Suite 201
 New Britain, CT 06051
 P 860.612.1700
 F 860.612.1757
 www.todesignllc.com

Prepared For:
TOWN OF GLASTONBURY
 2155 MAIN STREET

STATE PROJECT NO.
 054-0095 MAG/N/PS
 054-0096 MAG/N/PS
 Phase 4 of 4

BID NO.
 GL-2011-04-BP-120

PLAYGROUNDS FOR THE
GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL
 95 OAK STREET
 GLASTONBURY, CT

Sheet Description:
Playground Locator Map

Rev:

Issue Date:
 SEPTEMBER 26, 2011

Scale: 1" = 50'-0" Drawn by: MWF

Project number:
 5484-L

Sheet #:
L-1.0

**CHILDREN'S REACH RANGES
SECTION A15.6.6, ADAAGPL**

Forward or Side Reach	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12
High (maximum)	36 in (915 mm)	40 in (1015 mm)	44 in (1120 mm)
Low (minimum)	20 in (510 mm)	18 in (455 mm)	16 in (405 mm)

**TABLE 2 (HANDBOOK FOR PUBLIC
PLAYGROUND SAFETY)**

Type of Access	Age of Intended User	
	2-5 Years	5-12 Years
Rung Ladders		
Slope	75°-90°	75°-90°
Rung Width	≥ 12"	≥ 16"
Vertical rise (tread to tread)	≤ 12***	≤ 12***
Rung Diameter	0.95"-1.55"	0.95"-1.55"
Stairladders		
Slope	50°-75°	50°-75°
Tread Width - Single File	12"-21"	≥ 16"
- Two-Abreast	*	≥ 36"
Tread Depth - Open Riser	≥ 7"	≥ 3"
- Closed Riser	≥ 7"	≥ 6"
Vertical Rise (tread to tread)	≤ 9***	≤ 12***
Stairways		
Slope	≤ 35°	≤ 35°
Tread Width - Single File	≥ 12"	≥ 16"
- Two-Abreast	≥ 30"	≥ 36"
Tread Depth - Open Riser	≥ 7"	≥ 8"
- Closed Riser	≥ 7"	≥ 8"
Vertical Rise (tread to tread)	≤ 9***	≤ 12***
Ramps (not intended for access by the disabled)***		
Slope (vertical:horizontal)	≤ 1:8	≤ 1:8
Width - Single File	≥ 12"	≥ 16"
- Two-Abreast	≥ 30"	≥ 36"

* Not recommended for preschool-age children
** Entrapment provisions apply
*** For information on requirements for access to playground equipment by disabled children contact the U.S. Architectural and Transportation Barriers Compliance Board (111)
Notes: ≥ means equal to or greater than and ≤ means equal to or less than

LEGEND

SAFETY ZONE	
CURB	
CHAIN LINK FENCE	
CONCRETE PAVEMENT	
CONTROL JOINT	
BENCH	
PLAY COMPONENT	
NON-PLAY COMPONENT	
COMPONENT HEIGHT IN INCHES	
24" x 14" TRANSFER SPACE	

NOTES

- THE PLAY COMPONENTS IDENTIFIED ON THESE PLANS SHALL BE IFEMA CERTIFIED. THE USE AND LAYOUT OF THE COMPONENTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F-1487, AND COMPLY WITH ALL APPLICABLE CPSC, ADA, AND ASTM STANDARDS.
- THERE SHALL BE NO SHARP POINTS, CORNERS, OR EDGES ON ANY COMPONENTS OF THE PLAYGROUND EQUIPMENT THAT COULD CUT OR PUNCTURE CHILDREN'S SKIN. THE EXPOSED OPEN ENDS OF ALL TUBING NOT RESTING ON THE GROUND OR OTHERWISE COVERED SHALL BE COVERED BY CAPS OR PLUGS THAT CANNOT BE REMOVED WITHOUT THE USE OF TOOLS. ALL METAL EDGES SHALL BE ROLLED OR HAVE ROUNDED CAPPING. THERE SHALL BE NO SHARP EDGES ON SLIDES.
- THERE SHALL BE NO PROTRUSIONS OR PROJECTIONS ON THE PLAYGROUND EQUIPMENT THAT COULD BE CAPABLE OF ENTANGLING CHILDREN'S CLOTHING.
- THERE SHALL BE NO ACCESSIBLE PINCH, CRUSH OR SHEARING POINTS ON THE PLAYGROUND EQUIPMENT THAT COULD CAUSE INJURY OR CATCH CHILDREN'S CLOTHING.
- PLAYGROUND EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED SO THAT ACCESSIBLE OPENINGS IN PLAY EQUIPMENT AND STRUCTURES CAN NOT PASS A SPHERE RANGING IN SIZE FROM 3.5" TO 9" IN DIAMETER.
- THE DIAMETER OR WIDTH OF HANDRAILS SHALL BE 0.95 INCHES MINIMUM TO 1.55 INCHES MAXIMUM.
- THE DIMENSIONS FOR ACCESS SLOPE, TREAD OR RUNG WIDTH, TREAD DEPTH, RUNG DIAMETER, AND VERTICAL RISE FOR RUNG LADDERS, STEPLADDERS, STAIRWAYS, AND RAMPS SHALL COMPLY WITH TABLE 2 (ASTM F-1487).
- ALL GROUND LEVEL PLAY COMPONENTS SHALL COMPLY WITH THE REACH RANGE IN THE ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES; PLAY AREAS (A15.6.6).
- THE PLAYGROUND SAFETY SURFACING SHALL BE STABLE, FIRM, SLIP-RESISTANT, AND SHALL MEET OR EXCEED U.S. CONSUMER PRODUCT SAFETY COMMISSION GUIDELINES FOR CRITICAL HEIGHT BASED ON ASTM F-1292 IMPACT ATTENUATION TESTING FOR THE FALL HEIGHTS REQUIRED BY THE PLAY COMPONENTS INCLUDED IN THE DESIGN. THE CURRENT DESIGN, PER THE MANUFACTURER OF THE PLAY EQUIPMENT, CALLS FOR MEETING A FALL HEIGHT OF 8'-0". THE CONTRACTOR SHALL CONFIRM THE FINAL MAXIMUM FALL HEIGHT REQUIREMENTS AND APPROPRIATE SURFACING THICKNESS WITH THE PLAYSCAPE MANUFACTURER PRIOR TO CONSTRUCTION. FOR LOOSE FILL SURFACING MATERIALS, THE INITIAL FILL SHALL BE 25% GREATER THAN WHAT IS REQUIRED FOR THE SPECIFIED MAXIMUM FALL HEIGHT, TO ACCOMMODATE COMPACTION/WEATHERING. SURFACING MATERIALS SHALL ALSO COMPLY WITH ASTM F-1487, ASTM F-1951, AND ASTM F-1292.
- PLAYGROUND SURFACE SLOPES SHALL NOT EXCEED 2% (1:48) IN ANY DIRECTION.
- AFTER ASSEMBLY AND BEFORE ITS USE, EQUIPMENT MUST BE THOROUGHLY INSPECTED BY AN INSPECTOR, HIRED BY THE OWNER. THE INSPECTOR MUST BE A PLAYGROUND INSPECTOR CERTIFIED BY THE NATIONAL PLAYGROUND SAFETY INSTITUTE AND THE NATIONAL RECREATION AND PARK ASSOCIATION.
- ALL ACCESSIBLE ROUTES SLOPES SHALL BE 1:20 (5%) OR LESS, AND THE CROSS-SLOPES SHALL NOT EXCEED 1:50 (2%). CHANGES IN LEVEL SHALL NOT EXCEED 1/2", AND SLOPES SHALL NOT BE GREATER THAN 1:20 UNLESS A RAMP OR A LIFT IS PROVIDED.
- THE MINIMUM WIDTH OF THE ACCESSIBLE ROUTE THROUGH THE PLAY EQUIPMENT SHALL BE: 36 INCHES FOR RAMP-ACCESSIBLE ELEVATED PLAY COMPONENTS, AND 24 INCHES FOR TRANSFER-ACCESSIBLE ELEVATED PLAY COMPONENTS.

SEE L-3.0 FOR GRADING AND DRAINAGE PLAN.
SEE L-4.0 FOR FOOTING PLAN.
SEE L-5.0 FOR SURFACING LAYOUT PLAN.
SEE L-7.0 FOR ELEVATIONS.
SEE L-8.0 FOR ISOMETRICS.
SEE L-9.0 FOR RENDERINGS.

AGE 2-5 PLAYGROUND EQUIPMENT SCHEDULE

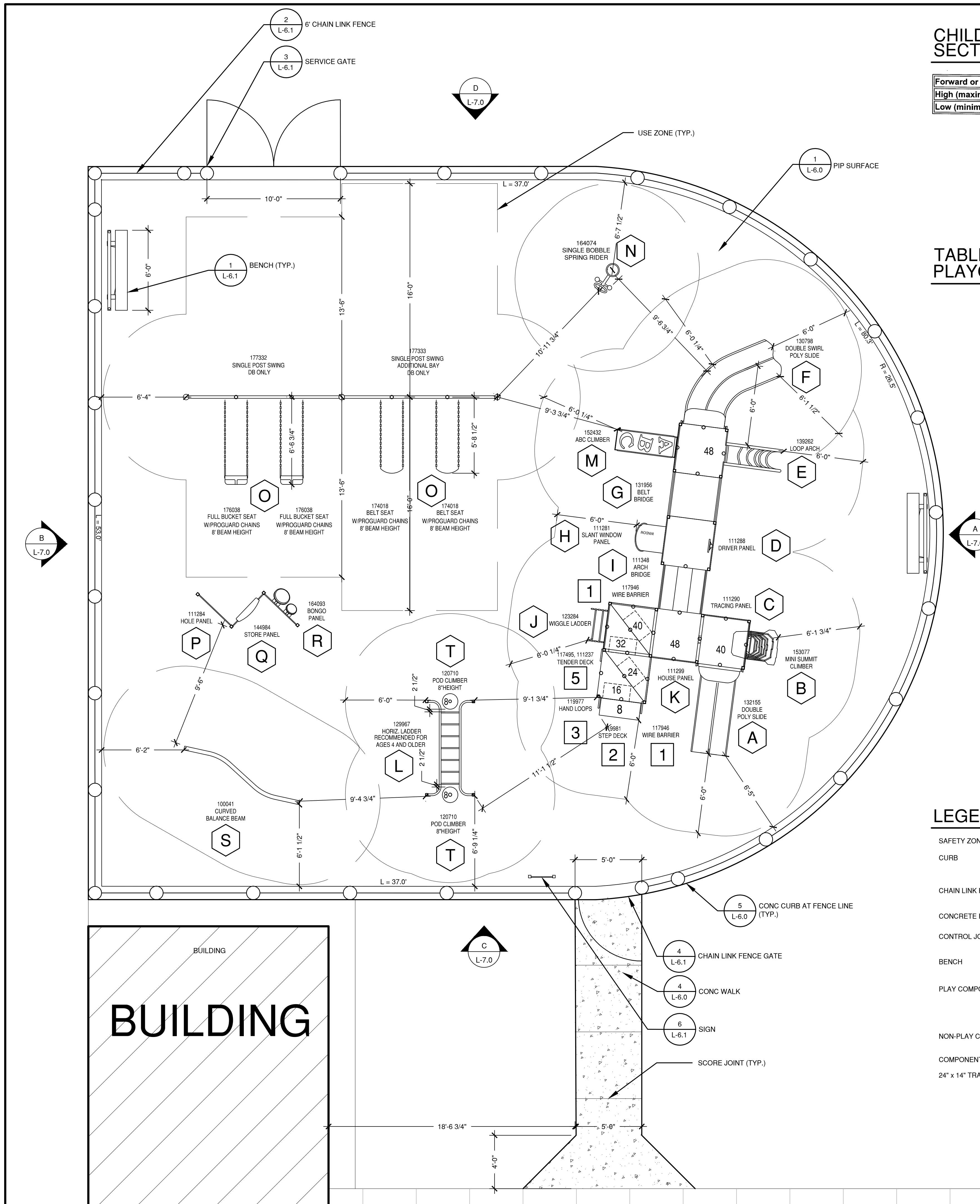
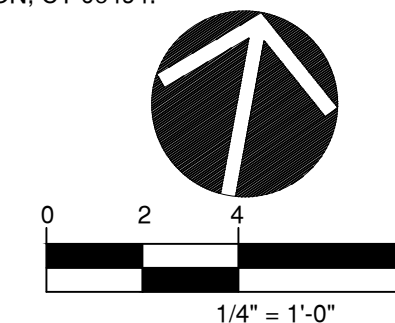
COMPONENT	ELEVATED	GROUND LEVEL	ADA ACCESSIBLE
A DOUBLE POLY SLIDE	X		X
B MINI SUMMIT CLIMBER	X		X
C TRACING PANEL	X		X
D DRIVER PANEL	X		X
E LOOP ARCH	X		X
F DOUBLE SWIRL POLY SLIDE	X		X
G BELT BRIDGE	X		X
H SLANT WINDOW PANEL	X		X
I ARCH BRIDGE	X		X
J WIGGLE LADDER	X		X
K HOUSE PANEL	X		X
L HORIZONTAL LADDER		X	X
M ABC CLIMBER	X		X
N SINGLE BOBBLE RIDER		X	X
O SINGLE POST SWINGS 2 BAYS		X	X
P HOLE PANEL		X	X
Q STORE PANEL		X	X
R BONGO PANEL		X	X
S CURVED BALANCED BEAM		X	X
T 8" POD		X	X
TOTAL	12	8	20

TOTAL ELEVATED PLAY COMPONENTS	12	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	10	REQUIRED 5
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	12	REQUIRED 3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	5	REQUIRED 3

NON-PLAY COMPONENTS	
1	2X WIRE BARRIER
2	STEP DECK
3	HAND LOOPS
4	NOT USED
5	TENDER DECK

PLAN REFERENCE

BASE INFORMATION FROM PLAN ENTITLED: "GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL, SITE LAYOUT PLAN", SCALE 1" = 40', DATED JULY 1, 2010, BY BLADES & GOVEN, THREE CORPORATE DRIVE, SUITE 502, SHELTON, CT 06494.



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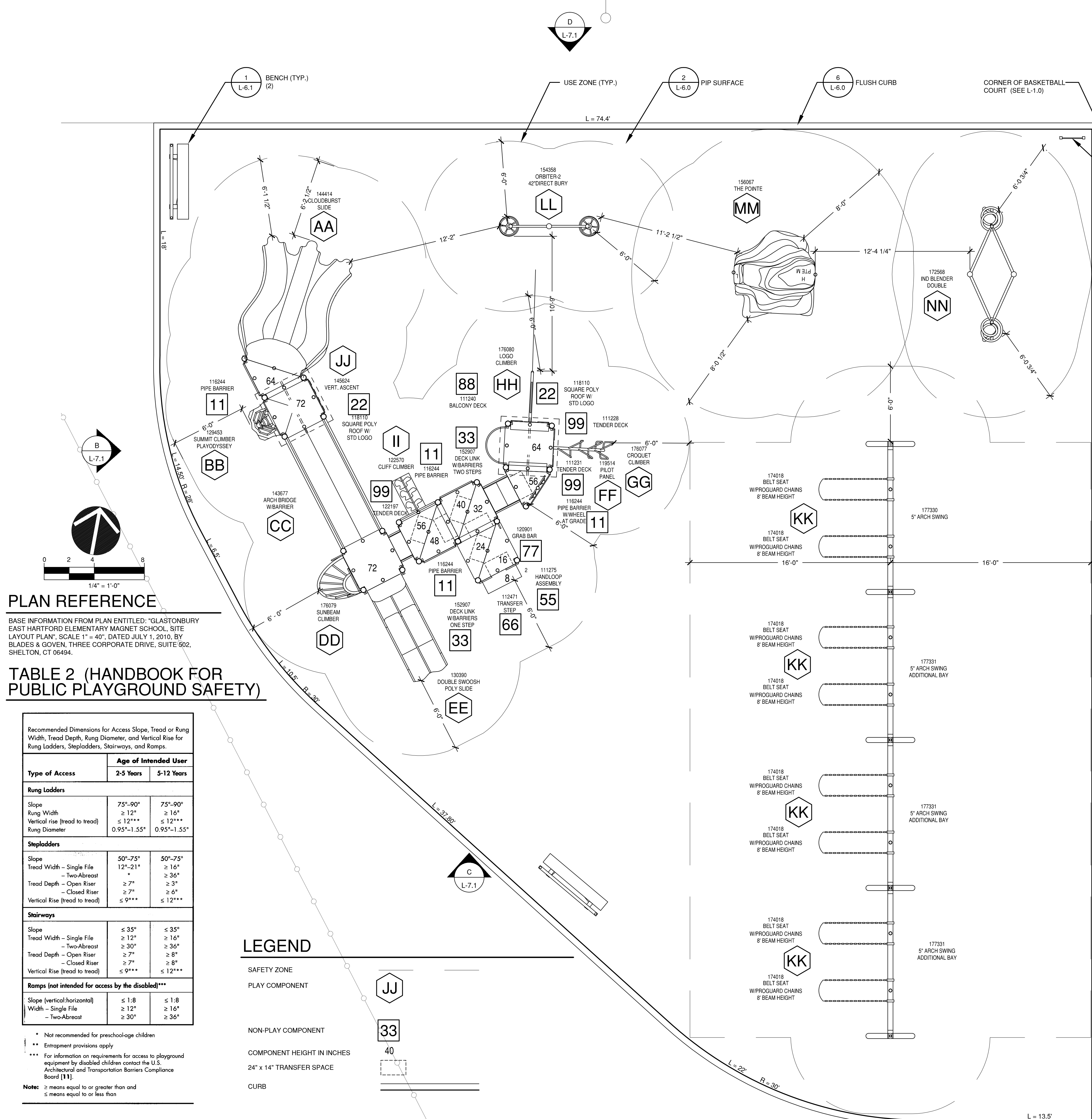
SEE L-3.0 FOR GRADING AND DRAINAGE PLAN.
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SEE L-5.0 FOR SURFACING LAYOUT PLAN.
SEE L-7.0 FOR ELEVATIONS.
SEE L-8.0 FOR ISOMETRICS.
SEE L-9.0 FOR RENDERINGS.

AGE 5 - 12 PLAYGROUND EQUIPMENT SCHEDULE

TYPE OF COMPONENT	ELEVATED	GROUND LEVEL	ADA ACCESSIBLE
AA CLOUDBURST SLIDE	X		X
BB SUMMIT CLIMBER	X		X
CC ARCH BRIDGE W BARRIERS		X	X
DD SUNBEAM CLIMBER	X		X
EE DOUBLE POLY SWOOSH SLIDE	X		X
FF PILOT PANEL	X		X
GG CROQUET CLIMBER	X		X
HH LOGO CLIMBER	X		X
II CLIFF CLIMBER	X		X
JJ VERT. ASCENT	X		X
KK SINGLE POST SWINGS - 4 BAYS		X	X
LL ORBITER-2		X	X
MM THE POINTE		X	X
NN IND BLENDER DOUBLE		X	X
TOTAL	10	4	14

TOTAL ELEVATED PLAY COMPONENTS	10	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	10	REQUIRED 5
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	12	REQUIRED 3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	4	REQUIRED 3

NON-PLAY COMPONENTS	
11	3X PIPE BARRIERS
22	2X SQUARE POLY ROOFS
33	DECKLINK W BARRIERS - 1 OR 2 STEPS
44	NOT USED
55	2X HANDLOOP ASSEMBLY
66	TRANSFER STEP
77	GRAB BAR
88	BALCONY DECK
99	TENDER DECK



PLAN REFERENCE

BASE INFORMATION FROM PLAN ENTITLED: "GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL, SITE LAYOUT PLAN", SCALE 1" = 40', DATED JULY 1, 2010, BY BLADES & GOVEN, THREE CORPORATE DRIVE, SUITE 502, SHELTON, CT 06494.

TABLE 2 (HANDBOOK FOR PUBLIC PLAYGROUND SAFETY)

Recommended Dimensions for Access Slope, Tread or Rung Width, Tread Depth, Rung Diameter, and Vertical Rise for Rung Ladders, Stepladders, Stairways, and Ramps.

Type of Access	Age of Intended User	
	2-5 Years	5-12 Years
Rung Ladders		
Slope	75°-90°	75°-90°
Rung Width	≥ 12"	≥ 16"
Vertical rise (tread to tread)	≤ 12***	≤ 12***
Rung Diameter	0.93"-1.55"	0.93"-1.55"
Stepladders		
Slope	50°-75°	50°-75°
Tread Width - Single File	12"-21"	≥ 16"
- Two-Abreast		≥ 36"
Tread Depth - Open Riser	≥ 7"	≥ 3"
- Closed Riser	≥ 7"	≥ 6"
Vertical Rise (tread to tread)	≤ 9***	≤ 12***
Stairways		
Slope	≤ 35°	≤ 35°
Tread Width - Single File	≥ 12"	≥ 16"
- Two-Abreast	≥ 30"	≥ 36"
Tread Depth - Open Riser	≥ 7"	≥ 8"
- Closed Riser	≥ 7"	≥ 8"
Vertical Rise (tread to tread)	≤ 9***	≤ 12***
Ramps (not intended for access by the disabled)***		
Slope (vertical:horizontal)	≤ 1:8	≤ 1:8
Width - Single File	≥ 12"	≥ 16"
- Two-Abreast	≥ 30"	≥ 36"

* Not recommended for preschool-age children
 ** Entrapment provisions apply
 *** For information on requirements for access to playground equipment by disabled children contact the U.S. Architectural and Transportation Barriers Compliance Board [11].
 Note: ≥ means equal to or greater than and ≤ means equal to or less than

LEGEND

- SAFETY ZONE
- PLAY COMPONENT
- NON-PLAY COMPONENT
- COMPONENT HEIGHT IN INCHES
- 24" x 14" TRANSFER SPACE
- CURB



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PLAYGROUNDS FOR THE
GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL
 95 OAK STREET
 GLASTONBURY, CT

Sheet Description:

Playground Layout - Age 5 - 12

Rev:

Issue Date:
 SEPTEMBER 26, 2011

Scale: 1/4" = 1'-0" Drawn by: MWF

Project number:
 5484-L

Sheet #:
L-2.1

GRADING AND UTILITY NOTES

1. PROPOSED GRADES INDICATE INTENT. THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS AS REQUIRED TO MEET FIELD CONDITIONS.
2. WHERE FIELD CONDITIONS CALL FOR ON-SITE ADJUSTMENTS OF FINISHED GRADES, THE OWNER'S REPRESENTATIVE SHALL MAKE THE FINAL DETERMINATION.
3. CONTRACTOR TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB AND BE RESPONSIBLE FOR THE SAME. NOTIFY SITE PLANNER OF DISCREPANCIES PRIOR TO BEGINNING WORK.
4. PITCH ALL WALKS AT 2% CROSS SLOPE UNLESS OTHERWISE NOTED.
5. ADJUST ALL EXISTING AND PROPOSED UTILITY FRAMES TO BE FLUSH WITH THE PROPOSED SURFACE.
6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE STANDARDS.
7. ALL EXCESS MATERIAL, EXCEPT TOPSOIL, SHALL BE LEGALLY DISPOSED OF OUTSIDE THE PROJECT LIMITS.
8. DAMAGE TO EXISTING UTILITIES AS A RESULT OF THE CONTRACTOR'S OR ANY OF HIS SUBCONTRACTOR'S ACTIVITIES DURING THE CONSTRUCTION PROCESS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING DURING THE EXECUTION OF HIS WORK.
10. THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS DEVELOPED FROM THE BEST AVAILABLE INFORMATION. THE ACTUAL LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF EXCAVATION ACTIVITIES.
11. ACCESS AND UTILITIES TO EXISTING FACILITIES MUST BE MAINTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR MUST MAINTAIN SUFFICIENT TRAVEL LANE(S), APPROVED BY THE OWNER, TO ENABLE ALL EMERGENCY VEHICLES TO ACCESS THE ENTIRE PROJECT SITE.

NOTES

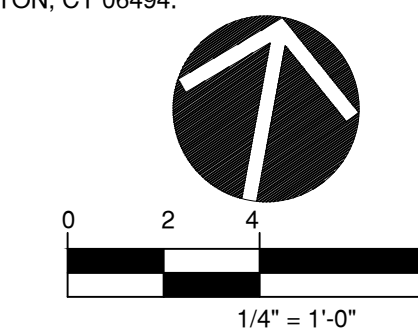
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LEGEND

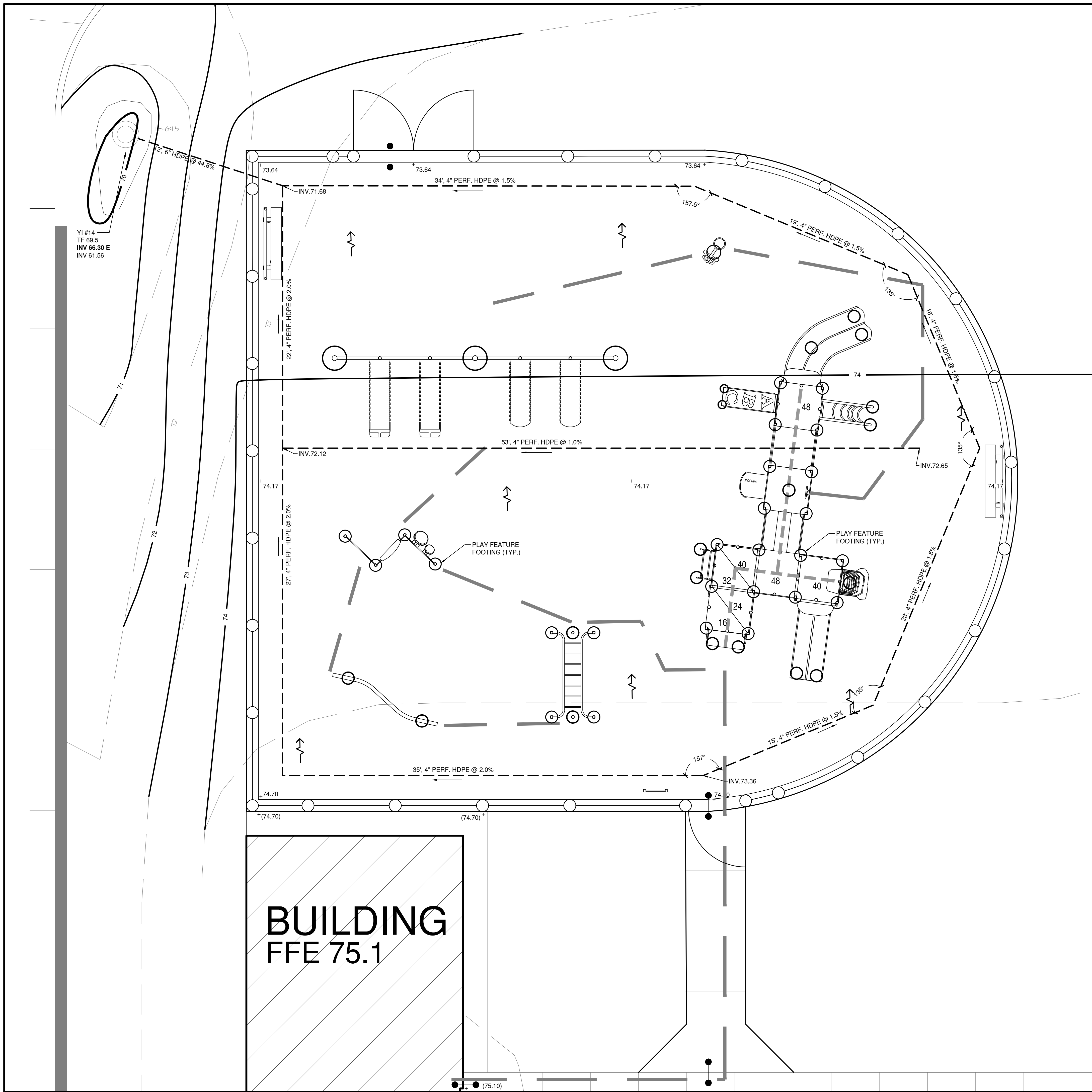
EXISTING	PROPOSED

PLAN REFERENCE

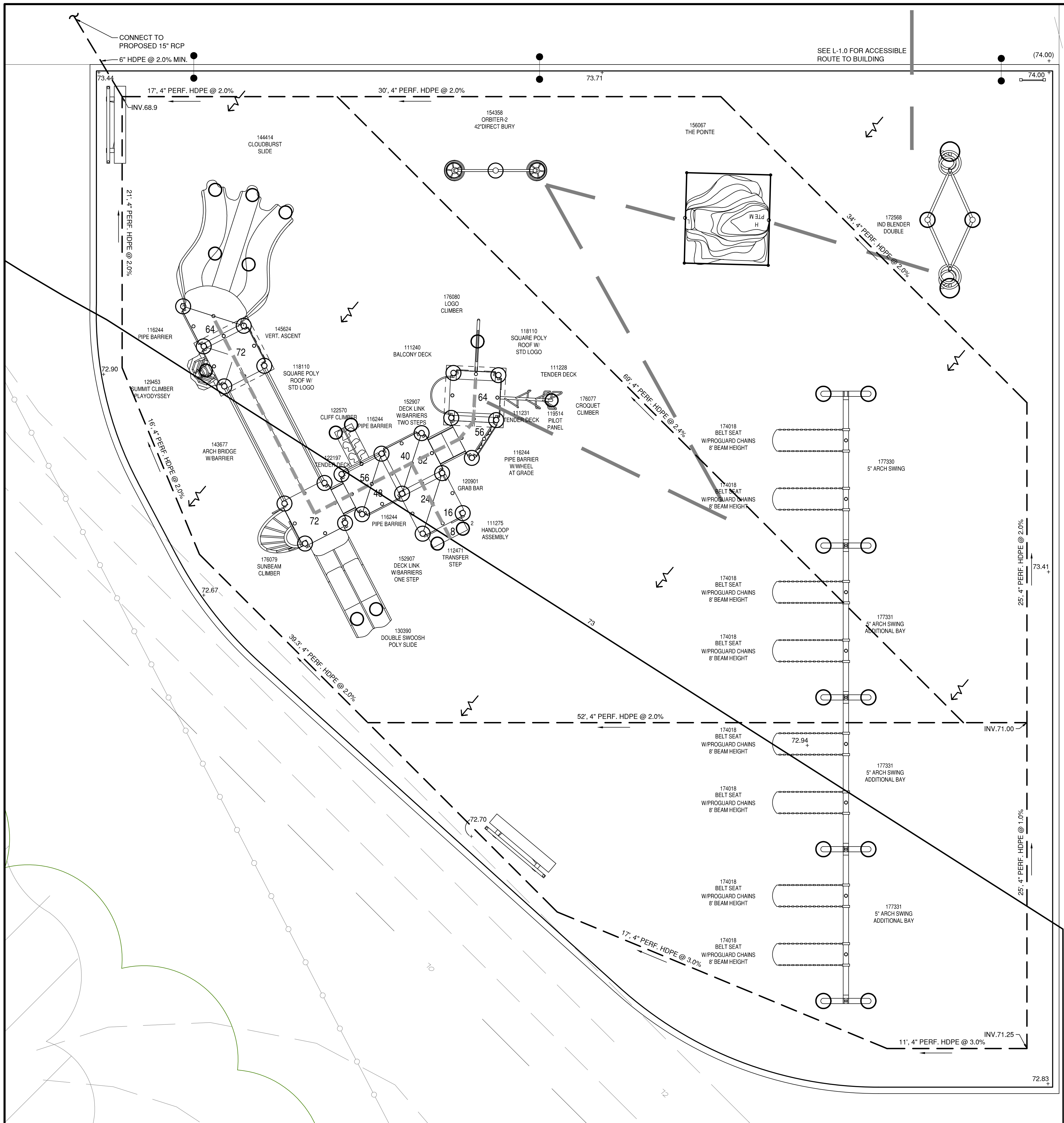
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Professional Seal



**BUILDING
FFE 75.1**



NOTES

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GRADING AND UTILITY NOTES

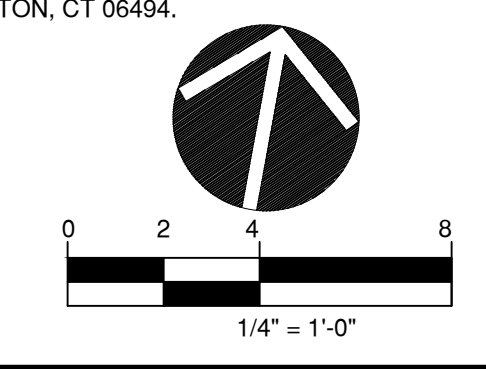
SEE L-3.0 FOR GRADING AND UTILITY NOTES.

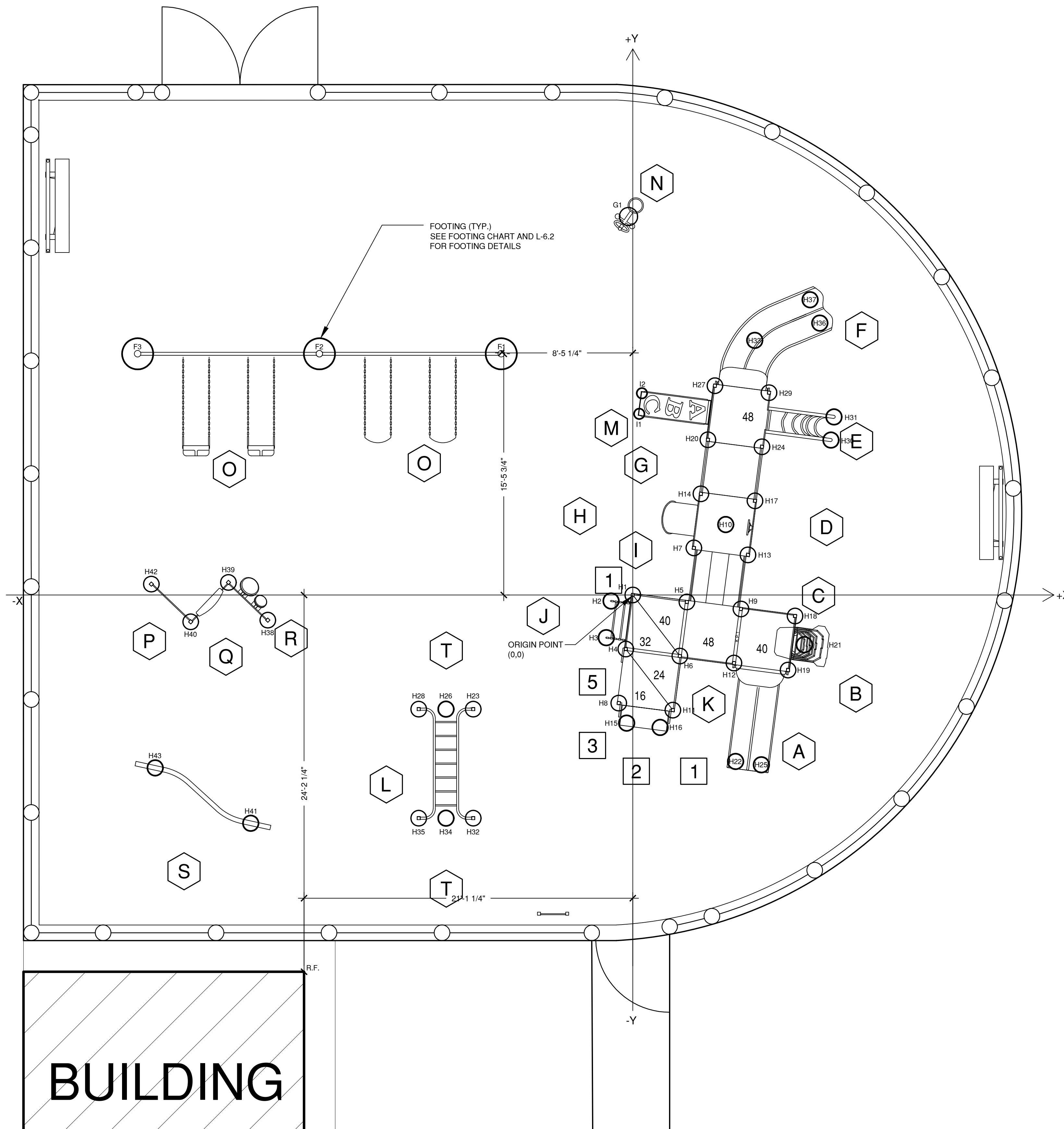
LEGEND

EXISTING		PROPOSED
	SAFETY ZONE	
	CURB	
	ACCESSIBLE ROUTE AT GRADE	
	ACCESSIBLE ROUTE BY TRANSFER	
	CONTOUR 1 FT	
	CONTOUR 5 FT	
	SPOT GRADE	
	FLOW ARROW	
	STORM DRAINAGE PIPE	
	FOOTINGS	
	FLUSH CONDITION	

PLAN REFERENCE

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FOOTING (TYP.)
SEE FOOTING CHART AND L-6.2
FOR FOOTING DETAILS

NOTES:

1. SEE PRODUCT CUT SHEETS FOR PRECISE DIMENSIONS.
2. SEE DRAWING L-2.0 FOR EQUIPMENT & MATERIALS INFORMATION.
3. ALL EQUIPMENT SHOULD USE CONCRETE FOOTING INSTALLATION.
4. DO NOT USE SURFACE MOUNT INSTALLATION.
5. SEE L-6.2 FOR SPECIFIC CONCRETE FOOTING.
6. ALL FOOTINGS TO BE A MIN. DEPTH OF 42".

FOOTING CHART

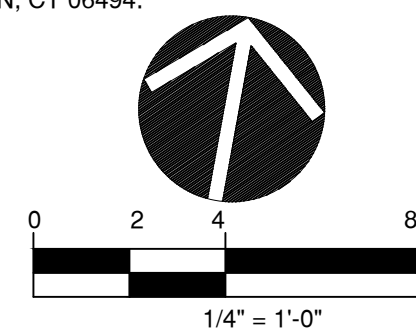
N.	I.D.	X (ft-in)	Y (ft-in)	Dist. to O	DIA (in)	Detail on L-6.2
1	R.F.	-21'-1"	-24'-2"	32'-1"	NA	NA
2	F1	-8'-5"	15'-6"	17'-8"	24	5
3	F2	-20'-1"	15'-6"	25'-5"	24	5
4	F3	-31'-9"	15'-6"	35'-4"	24	5
5	G1	0"	24'-4"	24'-4"	14	4
6	H1	0"	0"	0"	12	2
7	H2	-1'-5"	-5"	1'-5"	12	2
8	H3	-1'-8"	-2'-9"	3'-3"	12	2
9	H4	-5"	-3'-6"	3'-6"	12	2
10	H5	3'-6"	-5"	3'-6"	12	2
11	H6	3"	-3'-11"	4'-11"	12	2
12	H7	3'-11"	3"	4'-11"	12	2
13	H8	-11"	-6'-11"	7"	12	2
14	H9	6'-11"	-11"	7"	12	2
15	H10	6"	4'-6"	7'-5"	12	2
16	H11	2'-7"	-7'-5"	7'-10"	12	2
17	H12	6'-6"	-4'-4"	7'-10"	12	2
18	H13	7'-5"	2'-7"	7'-10"	12	2
19	H14	4'-4"	6'-6"	7'-10"	12	2
20	H15	-5"	-8'-3"	8'-3"	12	2
21	H16	1'-8"	-8'-6"	8'-8"	12	2
22	H17	7'-10"	6'-1"	9'-11"	12	2
23	H18	10'-5"	-1'-4"	10'-6"	12	2
24	H19	10"	-4'-10"	11'-1"	12	2
25	H20	4'-10"	10"	11'-1"	12	2
26	H21	11"	-3'-2"	11'-6"	12	2
27	H22	6'-7"	-10'-8"	12'-7"	12	2
28	H23	-10'-3"	-7'-4"	12'-7"	12	2
29	H24	8'-3"	9'-6"	12'-7"	12	2
30	H25	8'-3"	-10'-11"	13'-8"	12	2
31	H26	-12"	-7'-4"	14'-1"	12	2
32	H27	5'-3"	13'-5"	14'-5"	12	2
33	H28	-13'-9"	-7'-4"	15'-7"	12	2
34	H29	8'-9"	13"	15'-8"	12	2
35	H30	12'-9"	9'-11"	16'-2"	12	2
36	H31	12'-11"	11'-5"	17'-3"	12	2
37	H32	-10'-3"	-14'-4"	17'-7"	12	2
38	H33	7'-10"	16'-4"	18'-1"	12	2
39	H34	-12"	-14'-4"	18'-6"	12	2
40	H35	-13'-9"	-14'-4"	19'-10"	12	2
41	H36	12"	17'-5"	21'-2"	12	2
42	H37	11'-5"	18'-11"	22'-1"	12	2
43	H38	-23'-5"	-1'-7"	23'-6"	12	2
44	H39	-25'-11"	10"	26"	12	2
45	H40	-28'-4"	-1'-9"	28'-5"	12	2
46	H41	-24'-6"	-14'-8"	28'-7"	12	2
47	H42	-30'-11"	8"	30'-11"	12	2
48	H43	-30'-8"	-11'-1"	32'-7"	12	2
49	I1	5"	11'-8"	11'-8"	8	1
50	I2	7"	12'-11"	13"	8	1

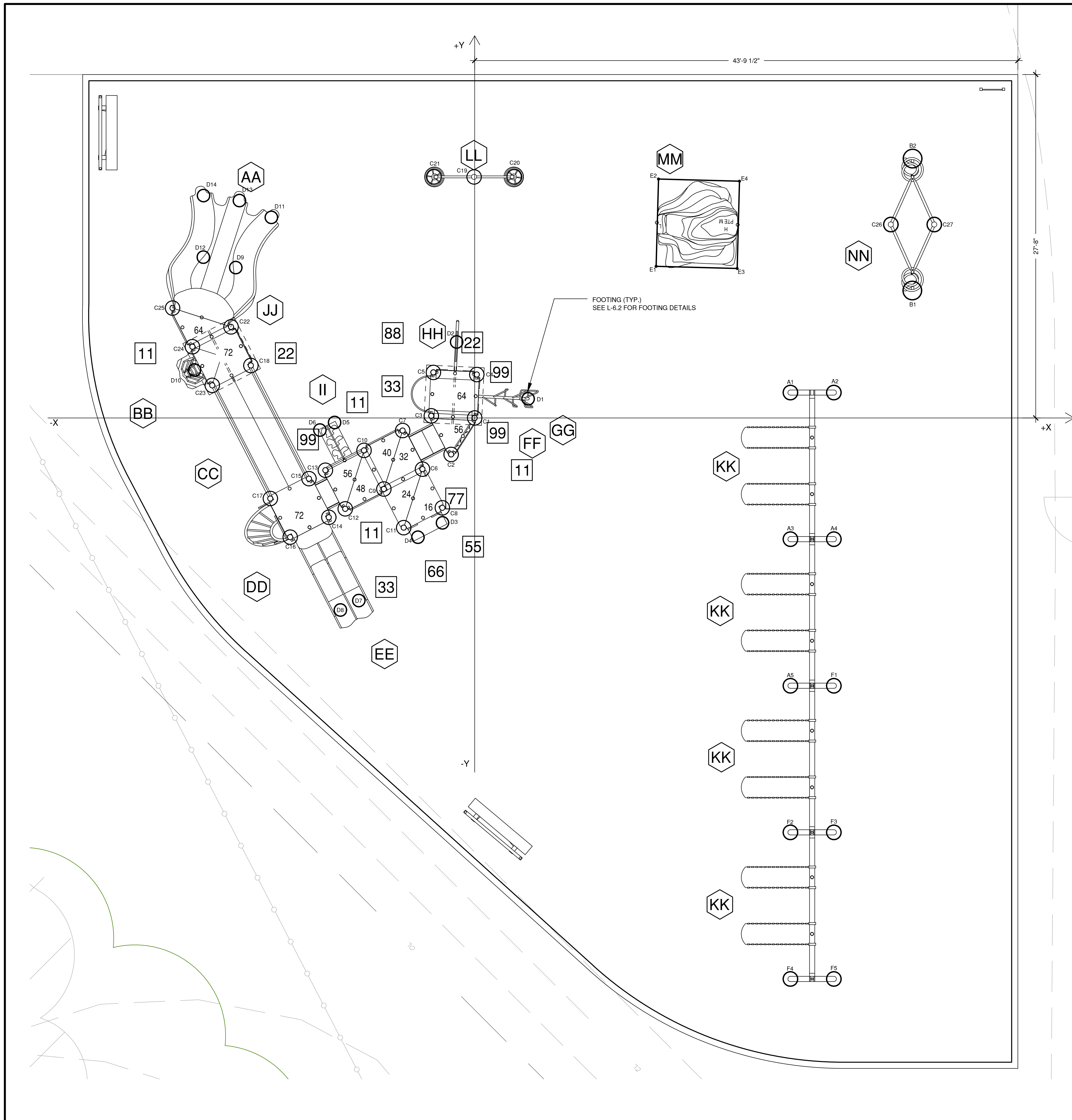
AGE 2 - 5
EQUIPMENT SCHEDULE

TYPE OF COMPONENT
A DOUBLE POLY SLIDE
B MINI SUMMIT CLIMBER
C TRACING PANEL
D DRIVER PANEL
E LOOP ARCH
F DOUBLE SWIRL POLY SLIDE
G BELT BRIDGE
H SLANT WINDOW PANEL
I ARCH BRIDGE
J WIGGLE LADDER
K HOUSE PANEL
L HORIZONTAL LADDER
M ABC CLIMBER
N SINGLE BOBBLE RIDER
O SINGLE POST SWINGS 2 BAYS
P HOLE PANEL
Q STORE PANEL
R BONGO PANEL
S CURVED BALANCED BEAM
T 8" POD
1 2X WIRE BARRIER
2 STEP DECK
3 HAND LOOPS
4 NOT USED
5 TENDER DECK

PLAN REFERENCE

BASE INFORMATION FROM PLAN ENTITLED: "GLASTONBURY
EAST HARTFORD ELEMENTARY MAGNET SCHOOL, SITE
LAYOUT PLAN", SCALE 1" = 40', DATED JULY 1, 2010, BY
BLADES & GOVEN, THREE CORPORATE DRIVE, SUITE 502,
SHELTON, CT 06494.





GRADE 2-5 EQUIPMENT SCHEDULE	
TYPE OF COMPONENT	
AA	CLOUDBURST SLIDE
BB	SUMMIT CLIMBER
CC	ARCH BRIDGE W BARRIERS
DD	SUNBEAM CLIMBER
EE	DOUBLE POLY SWOOSH SLIDE
FF	PILOT PANEL
GG	CROQUET CLIMBER
HH	LOGO CLIMBER
II	CLIFF CLIMBER
JJ	VERT. ASCENT
KK	SINGLE POST SWINGS - 4 BAYS
LL	ORBITER-2
MM	THE POINTE
NN	IND BLENDER DOUBLE
11	3X PIPE BARRIERS
22	2X SQUARE POLY ROOFS
55	2X HANDLOOP ASSEMBLY
66	TRANSFER STEP
77	GRAB BAR
88	BALCONY DECK
99	TENDER DECK

FOOTING CHART

N.	I.D.	X (ft-in)	Y (ft-in)	Dist. to O	DIA (in)	Detail on L-6.2
1	A1	25'-5"	-9'-9"	27'-3"	14	5
2	A2	28'-11"	2'-1"	29'	14	5
3	A3	25'-5"	-9'-9"	27'-3"	14	5
4	A4	28'-11"	-9'-9"	33'-4"	14	5
5	A5	25'-5"	-21'-7"	33'-4"	14	5
6	B1	35'-4"	10'-3"	36'-9"	18	6
7	B2	35'-4"	20'-11"	41'	18	6
8	C1	0"	0"	0"	14	3
9	C2	-1'-11"	-2'-11"	3'-6"	14	3
10	C3	-3'-6"	2"	3'-6"	14	3
11	C4	2"	3'-6"	3'-6"	14	3
12	C5	-3'-4"	3'-8"	4'-11"	14	3
13	C6	-4'-2"	-4'-2"	5'-11"	14	3
14	C7	-5'-10"	-1"	5'-11"	14	3
15	C8	-2'-7"	-7'-3"	7'-8"	14	3
16	C9	-7'-4"	-5'-9"	9'-4"	14	3
17	C10	-6'-11"	-2'-7"	9'-4"	14	3
18	C11	-5'-9"	-8'-10"	10'-6"	14	3
19	C12	-10'-5"	-7'-4"	12'-9"	14	3
20	C13	-12'	-4'-3"	12'-9"	14	3
21	C14	-11'-9"	-8'	14'-3"	14	3
22	C15	-13'-4"	-4'-11"	14'-3"	14	3
23	C16	-14'-10"	-9'-7"	17'-8"	14	3
24	C17	-16'-6"	-6'-6"	17'-8"	14	3
25	C18	-18'	4'-3"	18'-6"	14	3
26	C19	-1"	19'-5"	19'-5"	14	5
27	C20	3'-2"	19'-5"	19'-8"	14	7
28	C21	-3'-3"	19'-5"	19'-8"	14	7
29	C22	-19'-8"	7'-4"	21'	14	3
30	C23	-21'-2"	2'-7"	21'-4"	14	3
31	C24	-22'-9"	5'-9"	23'-6"	14	3
32	C25	-24'-4"	8'-10"	25'-11"	14	3
33	C26	33'-7"	15'-7"	37'	14	3
34	C27	37'-1"	15'-7"	40'-2"	14	3
35	D1	4'-4"	1'-6"	4'-7"	12	2
36	D2	-1'-5"	6'-1"	6'-3"	12	2
37	D3	-2'-7"	-8'-5"	8'-10"	12	1
38	D4	-4'-7"	-9'-7"	10'-8"	12	1
39	D5	-11'-3"	-4"	11'-4"	12	1
40	D6	-12'-6"	-1"	12'-6"	12	1
41	D7	-9'-4"	-14'-9"	17'-5"	12	2
42	D8	-10'-10"	-15'-6"	18'-11"	12	2
43	D9	-19'-3"	12'-1"	22'-9"	12	2
44	D10	-22'-7"	3'-10"	22'-11"	12	2
45	D11	-16'-5"	16'-2"	23'	12	2
46	D12	-21'-10"	12'-11"	25'-5"	12	2
47	D13	-19'	17'-6"	25'-10"	12	2
48	D14	-21'-10"	17'-11"	28'-3"	12	2
49	E1	14'-8"	12'-3"	19'-1"	TRENCH	8
50	E2	14'-10"	19'-3"	24'-4"	TRENCH	8

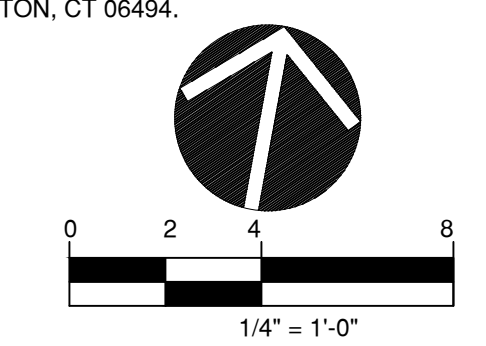
N.	I.D.	X (ft-in)	Y (ft-in)	Dist. to O	DIA (in)	Detail on L-6.2
51	E3	21'-2"	12'-1"	24'-4"	TRENCH	8
52	E4	27'-4"	19'-1"	28'-8"	TRENCH	8
53	F1	28'-11"	-21'-7"	36'-1"	14	5
54	F2	37'-1"	15'-7"	40'-2"	14	5
55	F3	28'-11"	-33'-5"	44'-2"	14	5
56	F4	25'-5"	-45'-2"	51'-11"	14	5
57	F5	28'-11"	-45'-2"	53'-8"	14	5

NOTES:

- SEE PRODUCT CUT SHEETS FOR PRECISE DIMENSIONS.
- SEE DRAWING L-2.1 FOR EQUIPMENT & MATERIALS INFORMATION.
- ALL EQUIPMENT SHOULD USE CONCRETE FOOTING INSTALLATION. DO NOT USE SURFACE MOUNT INSTALLATION.
- SEE L-6.2 FOR SPECIFIC CONCRETE FOOTING.
- ALL FOOTINGS TO BE A MIN. DEPTH OF 42".

PLAN REFERENCE

BASE INFORMATION FROM PLAN ENTITLED: "GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL, SITE LAYOUT PLAN", SCALE 1" = 40", DATED JULY 1, 2010, BY BLADES & GOVEN, THREE CORPORATE DRIVE, SUITE 502, SHELTON, CT 06494.



TO DESIGN LLC
 Sophisticated Site Design
 Landscape Architecture
 Civil Engineering
 114 West Main Street, Suite 201
 New Britain, CT 06051
 P 860.612.1700
 F 860.612.1757
 www.todesignllc.com

Prepared For:
TOWN OF GLASTONBURY
 2155 MAIN STREET

STATE PROJECT NO.
 054-0095 MAG/N/PS
 054-0096 MAG/N/PS
 Phase 4 of 4

BID NO.
 GL-2011-04-BP-120

PLAYGROUNDS FOR THE
GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL
 95 OAK STREET
 GLASTONBURY, CT

Sheet Description:
Footing Plan - Age 5 - 12

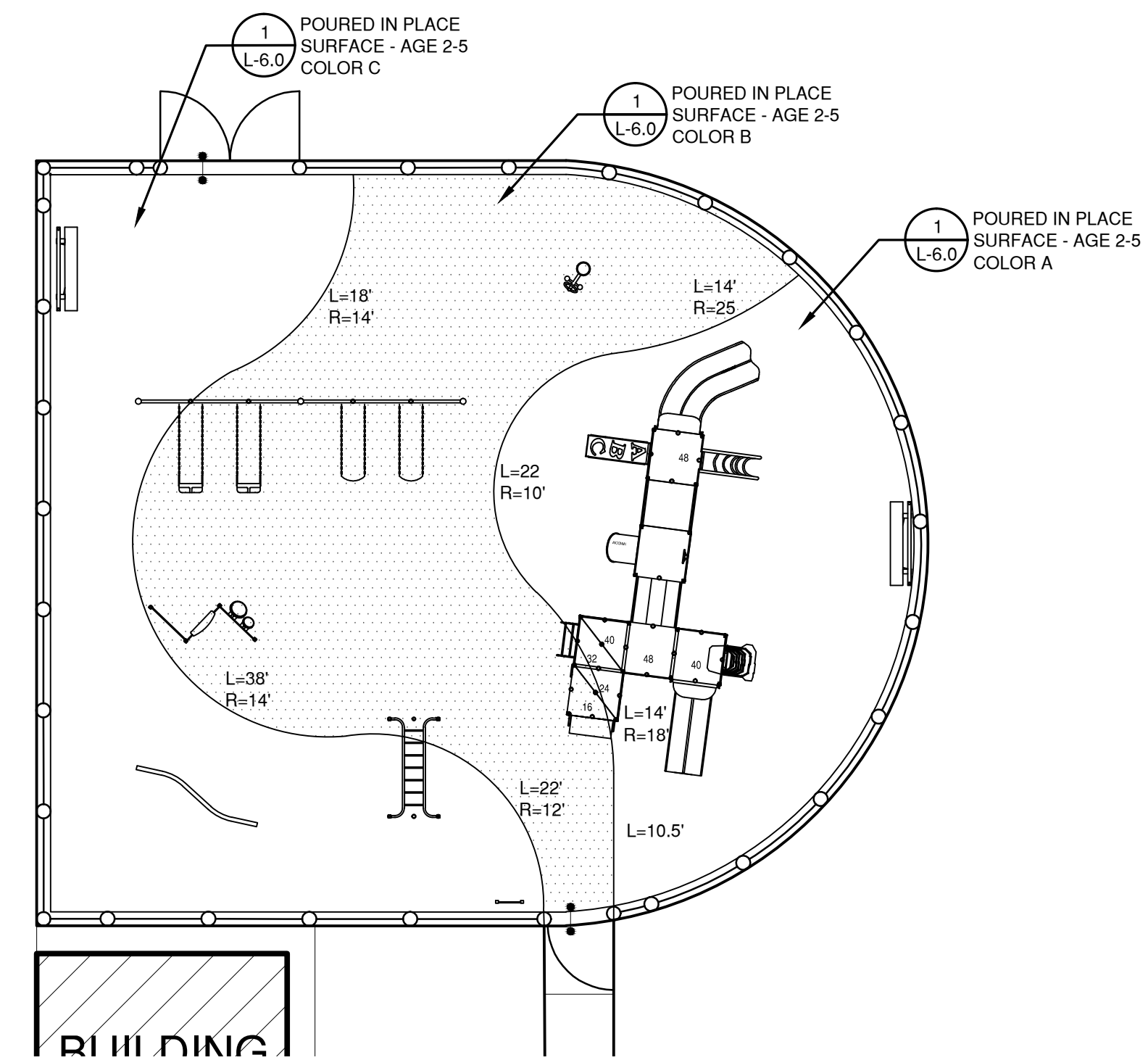
Rev:

Issue Date:
 SEPTEMBER 26, 2011

Scale: 1/4" = 1'-0" Drawn by: MWF

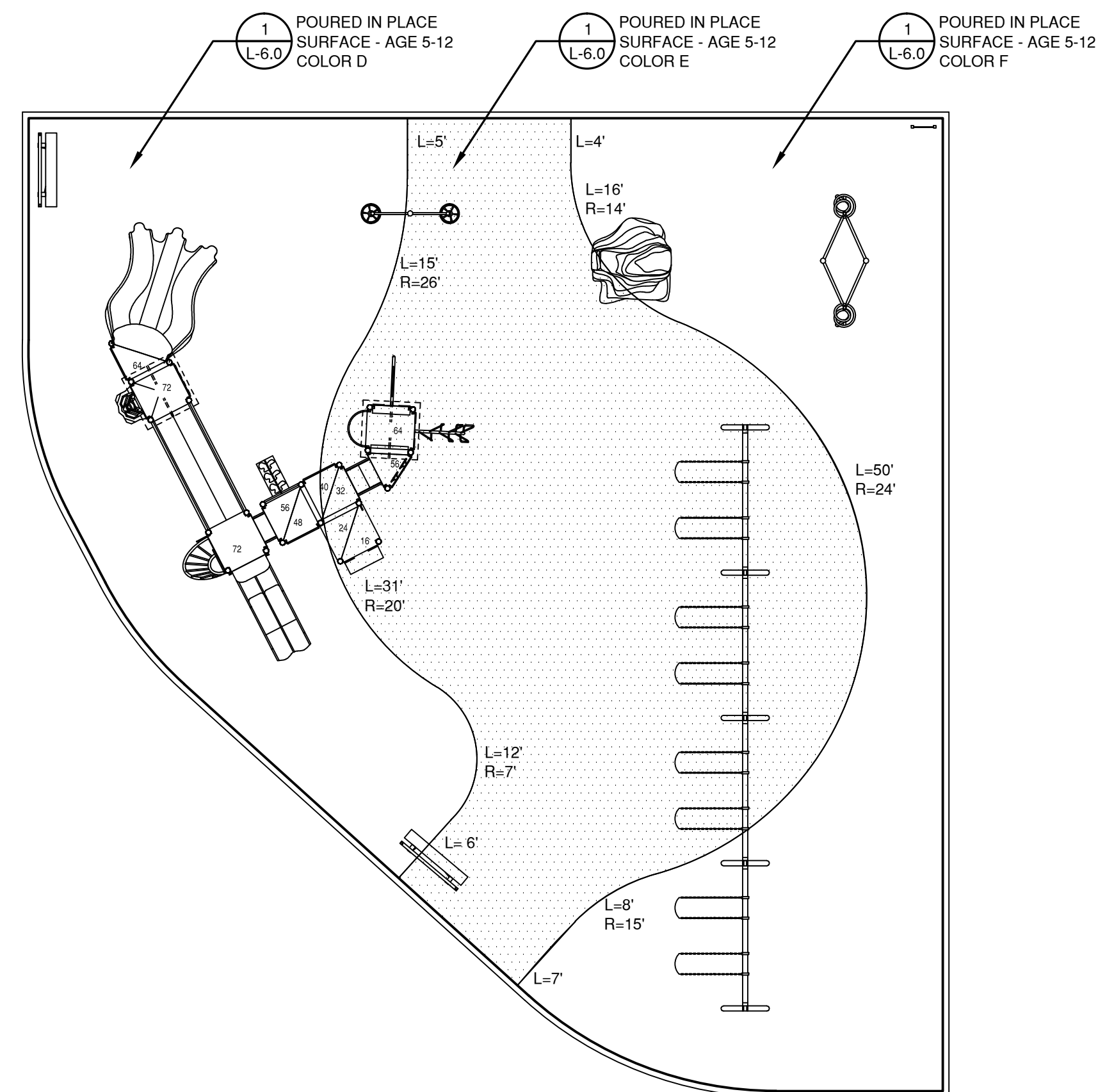
Project number:
 5484-L

Sheet #:
L-4.1



TOTAL AREA OF PLAYGROUND 2,986 SF

AGE 2 - 5 PLAY AREA

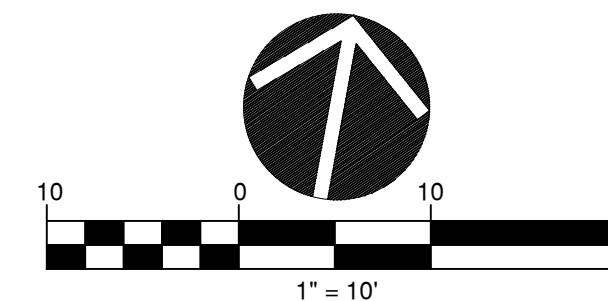


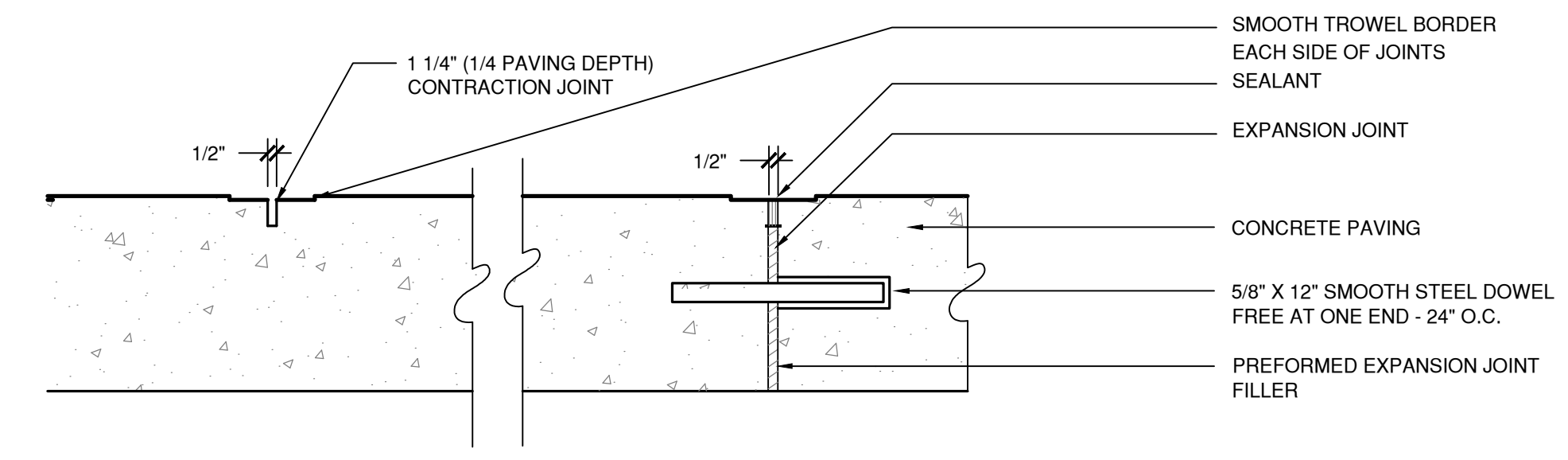
TOTAL AREA OF PLAYGROUND 4,650 SF

AGE 5 - 12 PLAY AREA

PLAN REFERENCE

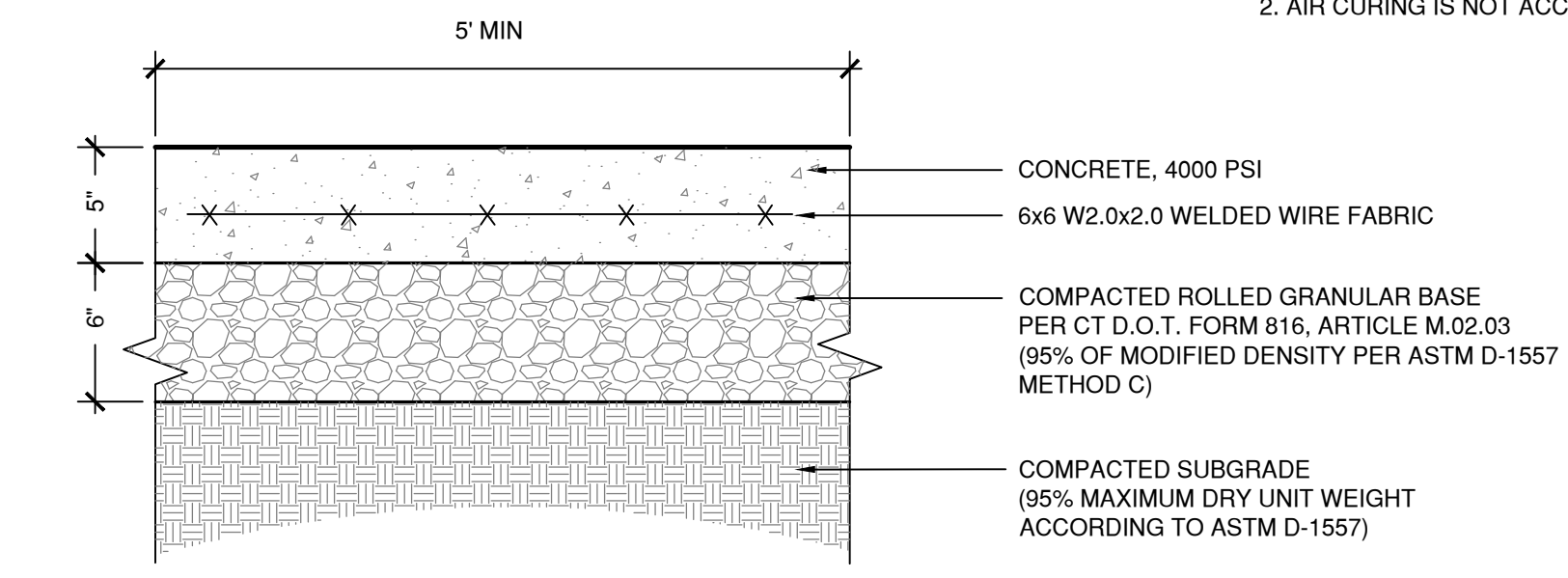
BASE INFORMATION FROM PLAN ENTITLED: "GLASTONBURY EAST HARTFORD ELEMENTARY MAGNET SCHOOL, SITE LAYOUT PLAN", SCALE 1" = 40', DATED JULY 1, 2010, BY BLADES & GOVEN, THREE CORPORATE DRIVE, SUITE 502, SHELTON, CT 06494.





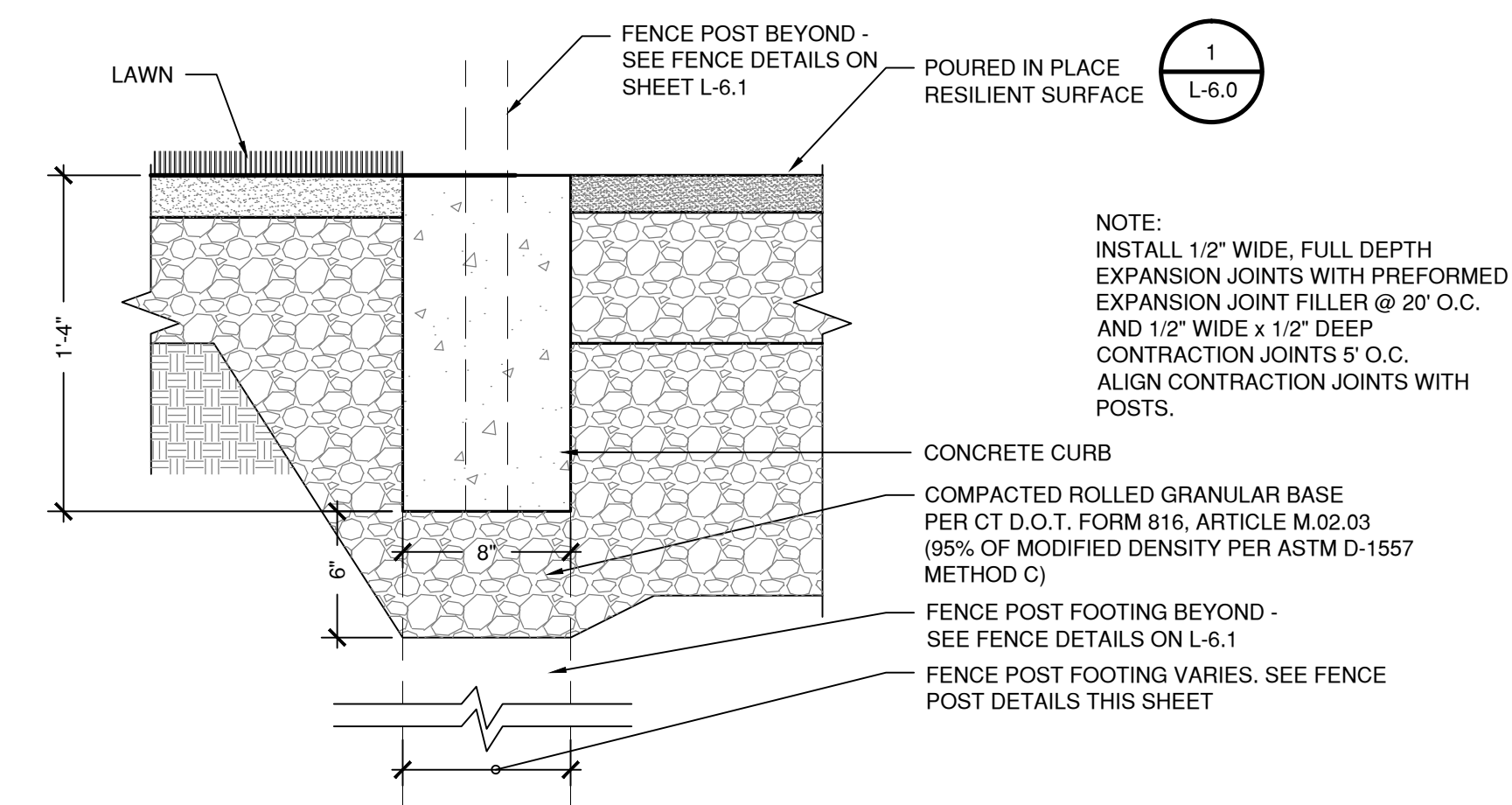
EXPANSION & CONTRACTION JOINTS

NOTES:
1. PROVIDE EXPANSION JOINTS FOR NEW CONCRETE PAVING AT ALL CURBS, BUILDING WALLS, SITE WALLS, STAIRS, LIGHT POLE BASES, MANHOLES, GRATES/VAULTS, EXISTING CONCRETE PAVING AND ALL OTHER FIXED MATERIALS.
2. AIR CURING IS NOT ACCEPTABLE. SEE SPECIFICATIONS.



CONCRETE WALK

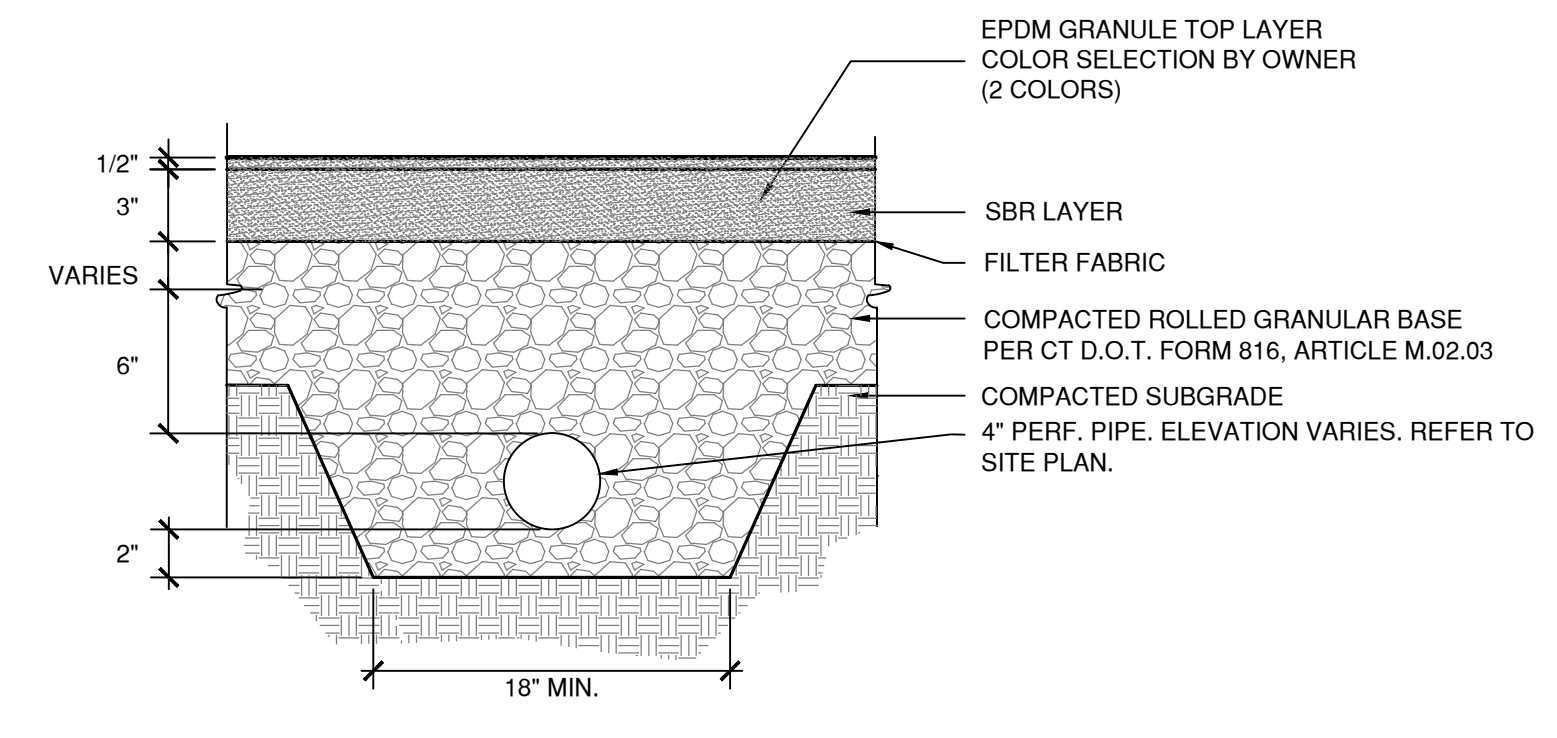
Scale 1 1/2" = 1'-0"



CONCRETE CURB AT FENCE LINE

Scale: 1 1/2" = 1'-0"

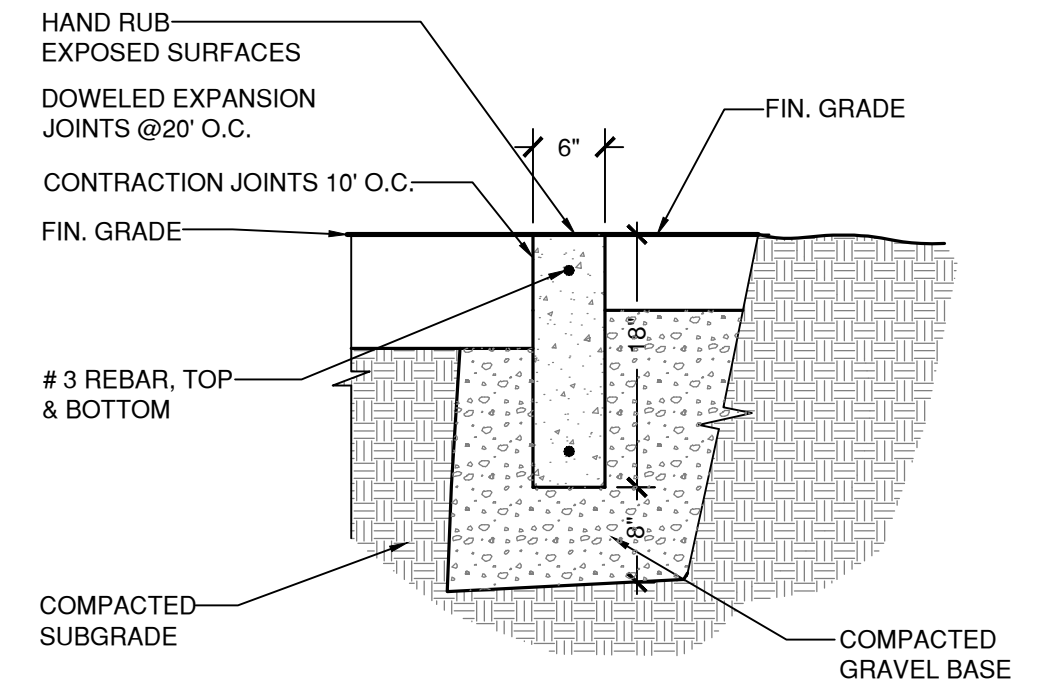
ARTICLE M.02.03:
THE MATERIALS FOR THE "ROLLED GRANULAR BASE" SHALL CONSIST OF SOUND, TOUGH, DURABLE PARTICLES OF BANK OR CRUSHED GRAVEL, OR RECLAIMED MISCELLANEOUS AGGREGATE, OR MIXTURES THEREOF WITH THE RESULTANT UNIFORM BLEND CONTAINING NO MORE THAN 2% BY WEIGHT (MASS) OF ASPHALT CEMENT. ALL MATERIALS SHALL BE FREE FROM THIN OR ELONGATED PIECES, LUMPS OF CLAY, LOAM, OR VEGETABLE MATTER.



POURED IN PLACE RESILIENT SURFACE - Age 2-5 and 5-12

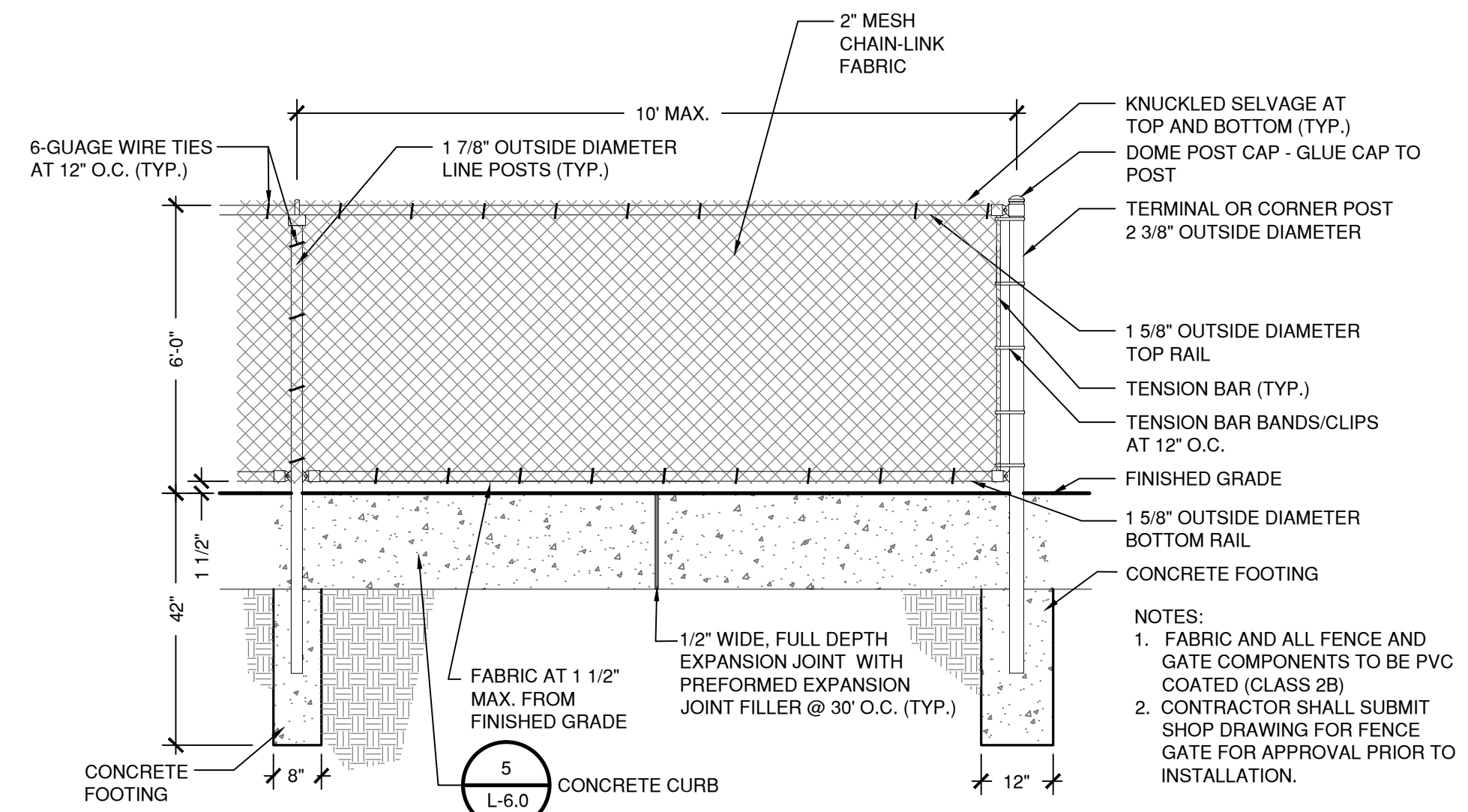
Scale: NTS

SURFACE AMERICA 1-800-999-0555



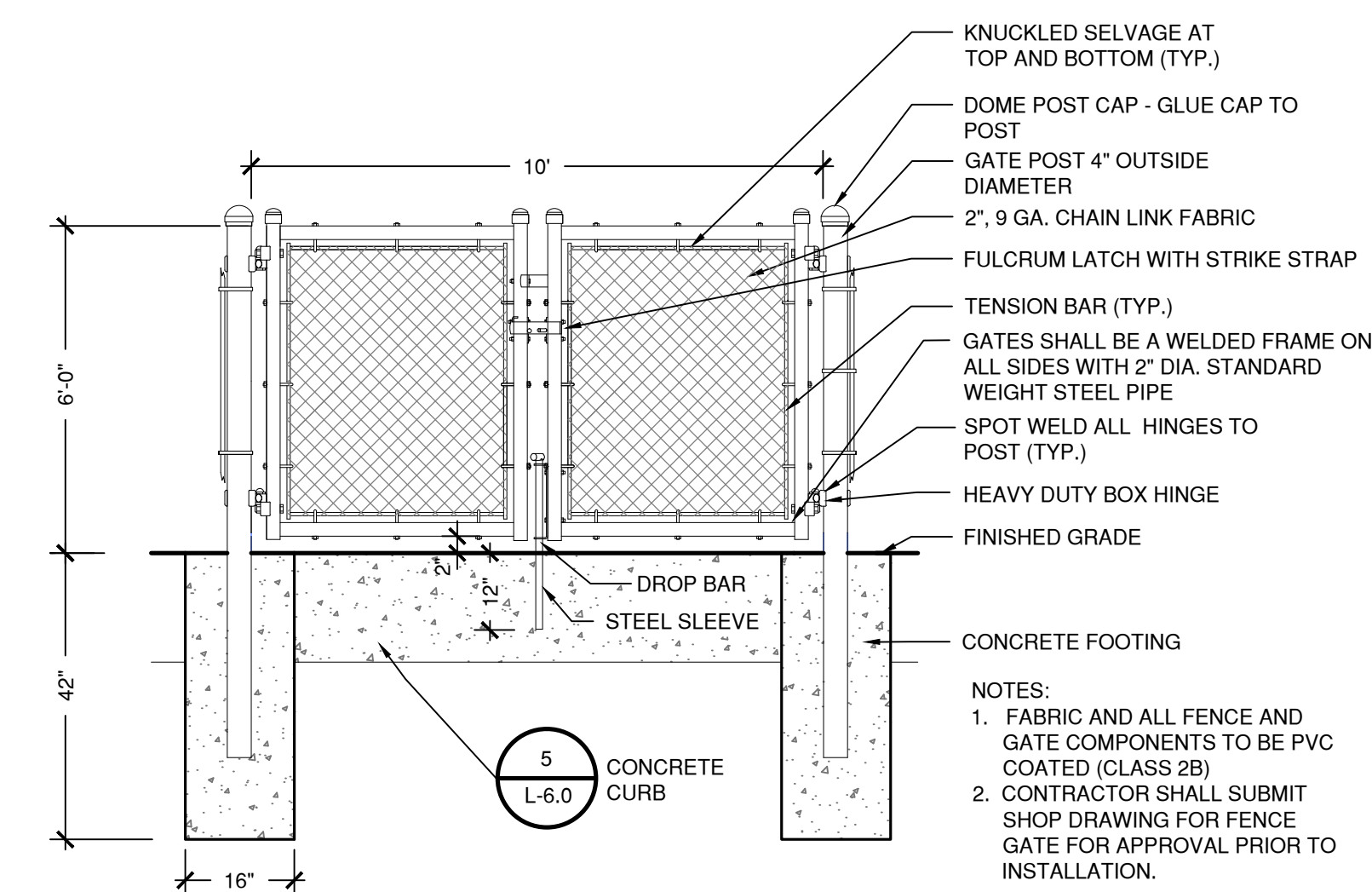
FLUSH CURB

Scale: 3/4" = 1'-0"



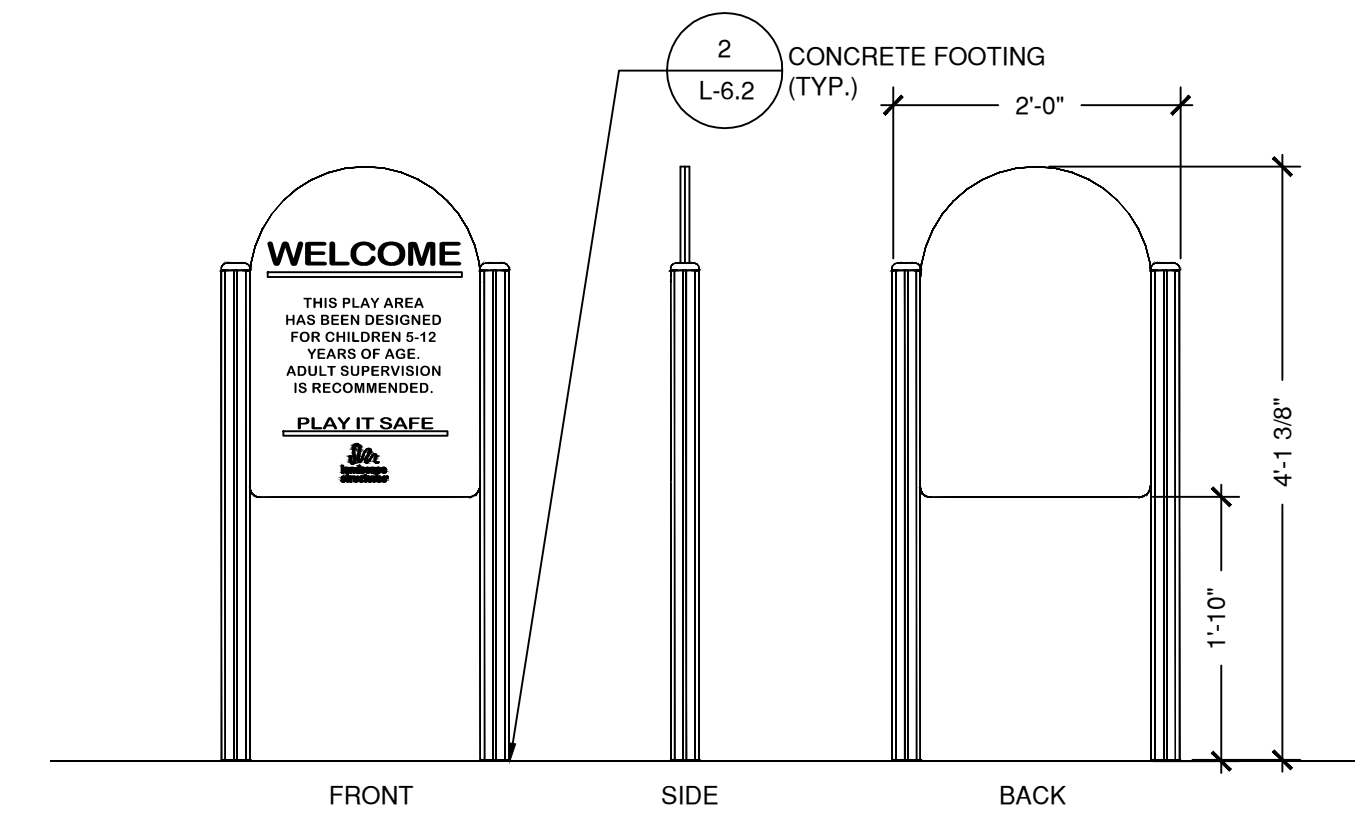
2 CHAIN LINK FENCE - 6' HT.

L-6.1 SCALE: 1/2"=1'-0"



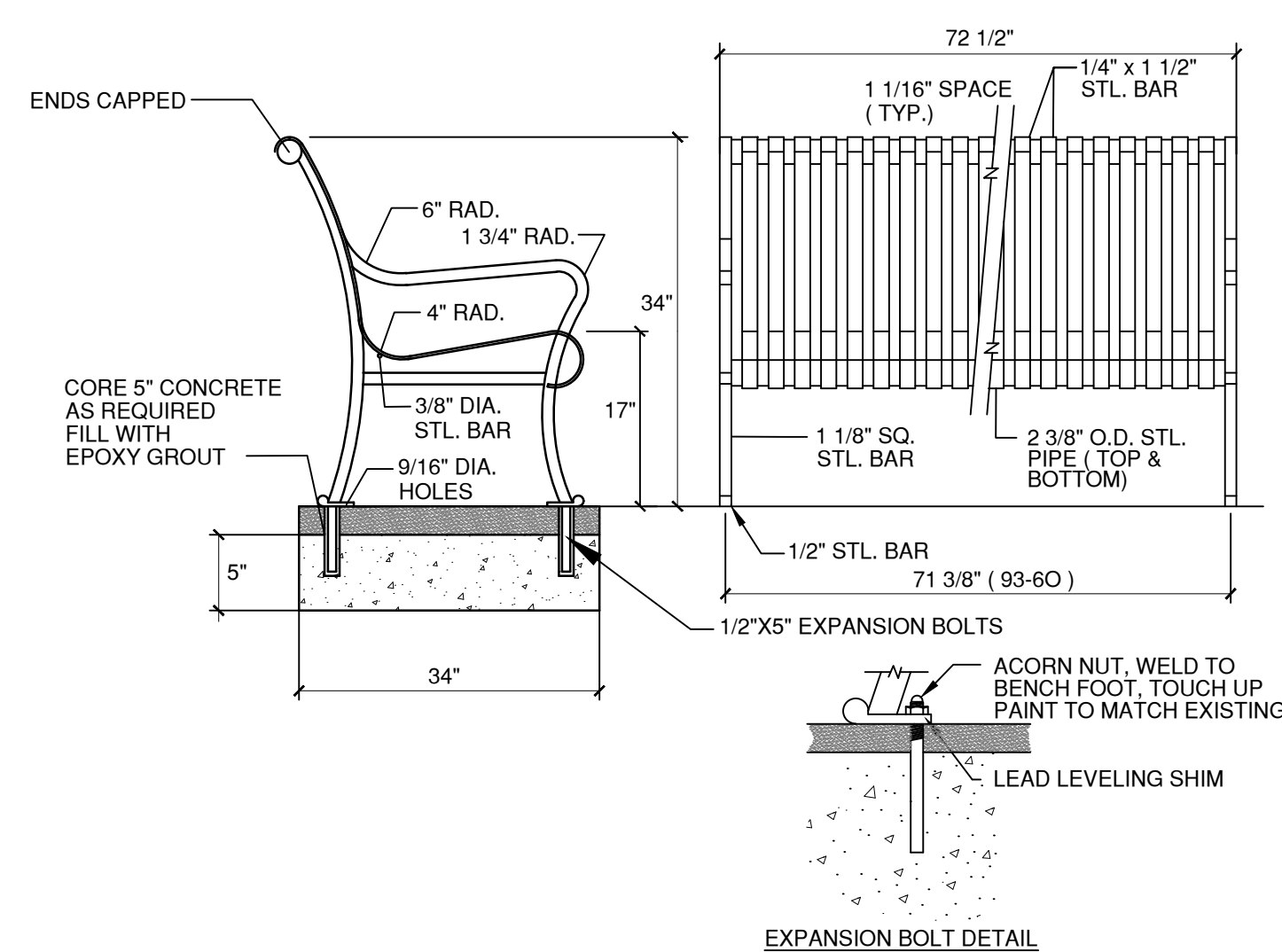
3 SERVICE GATE

L-6.1 NOT TO SCALE



5 SIGN - AGE 5-12

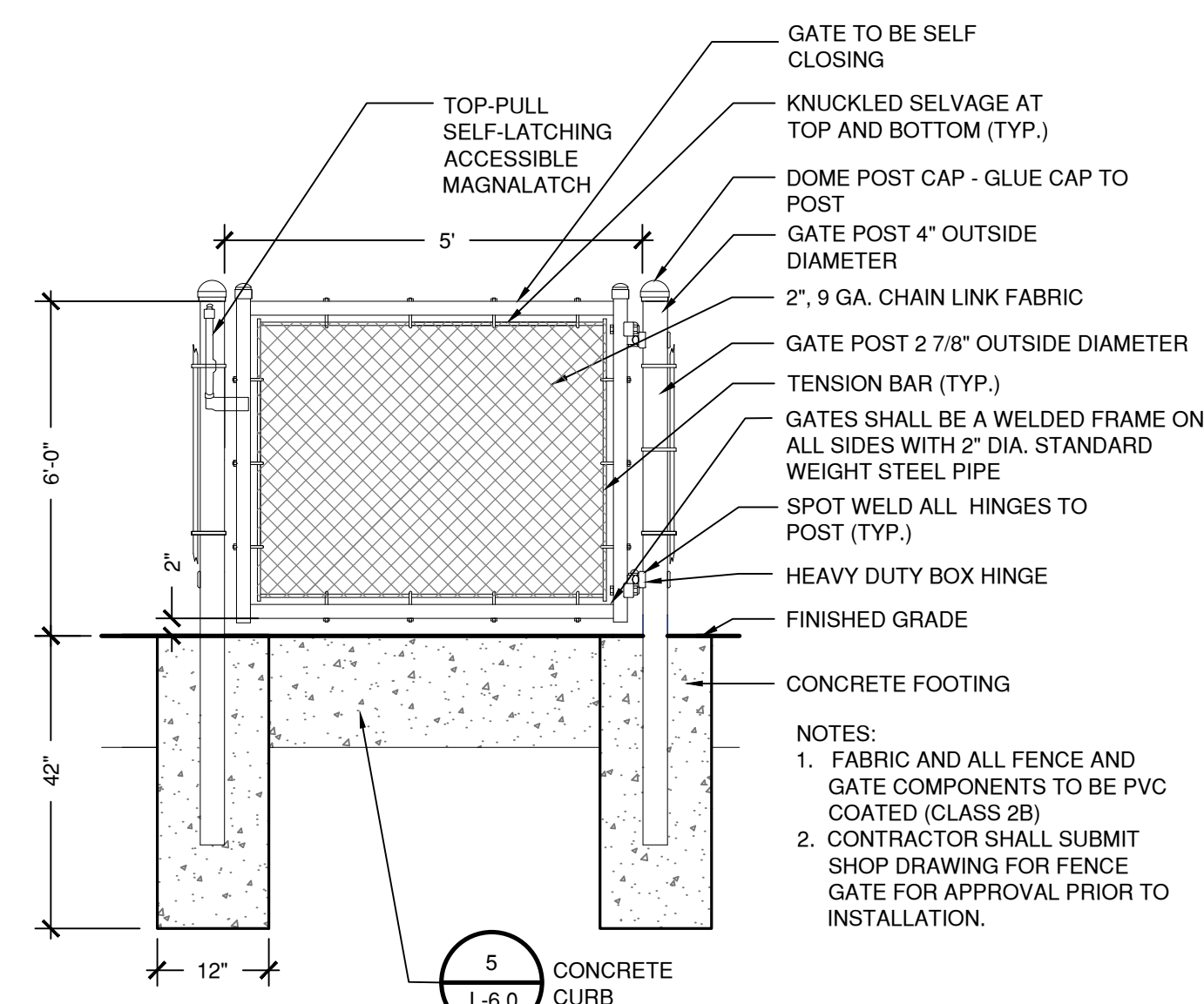
L-6.1 SCALE 3/4"=1'-0"



1 BENCH

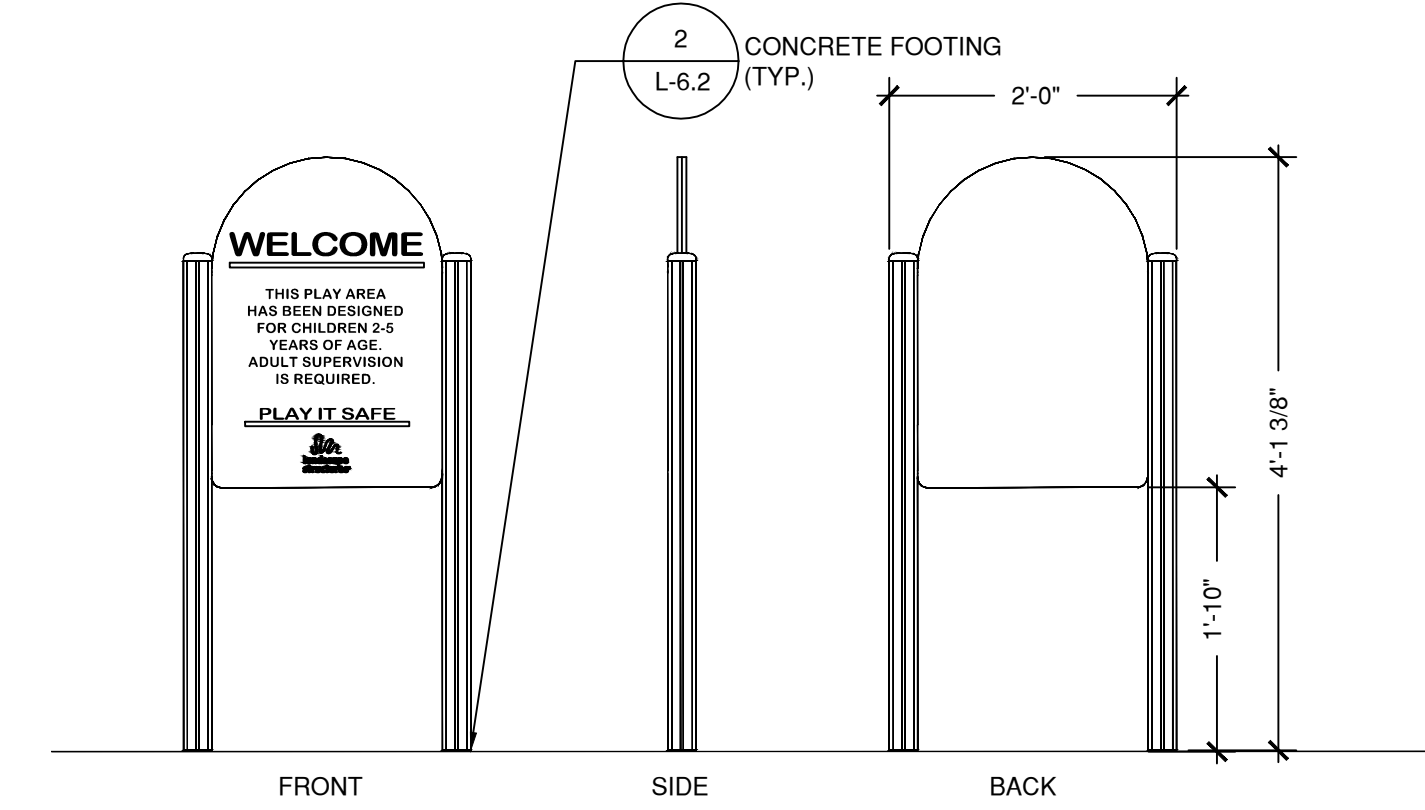
L-6.1 NOT TO SCALE

MODEL 93-60 BY DUMOR INC.



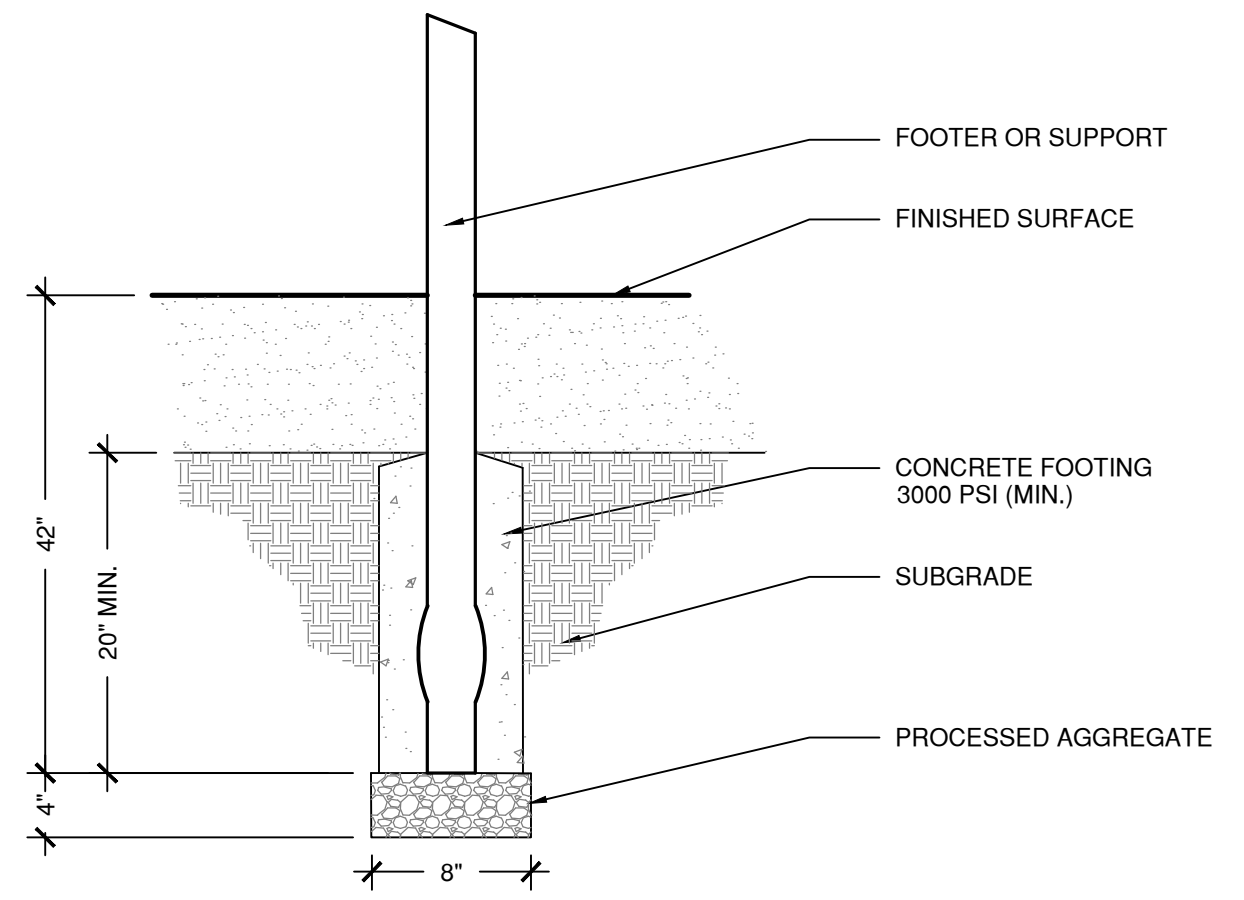
4 CHAIN LINK FENCE GATE

L-6.1 NOT TO SCALE



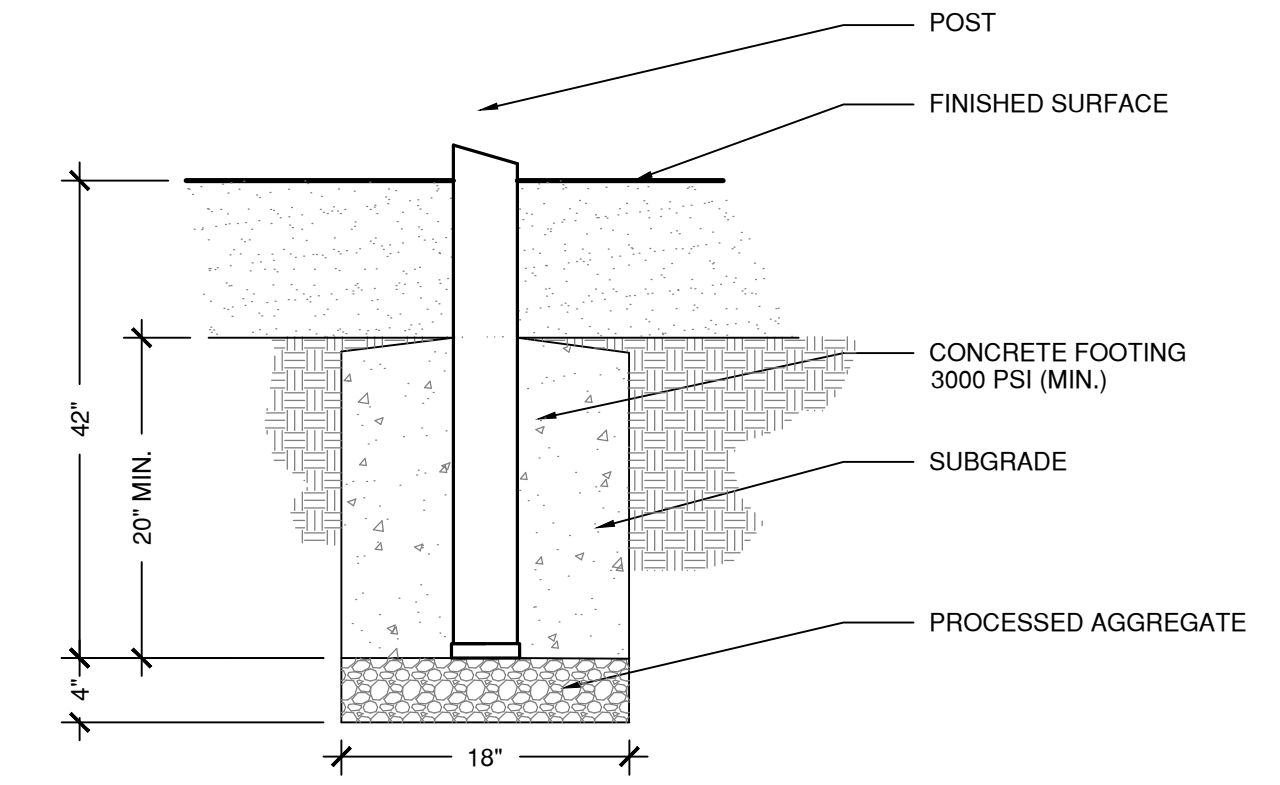
6 SIGN - AGE 2-5

L-6.1 SCALE 3/4"=1'-0"



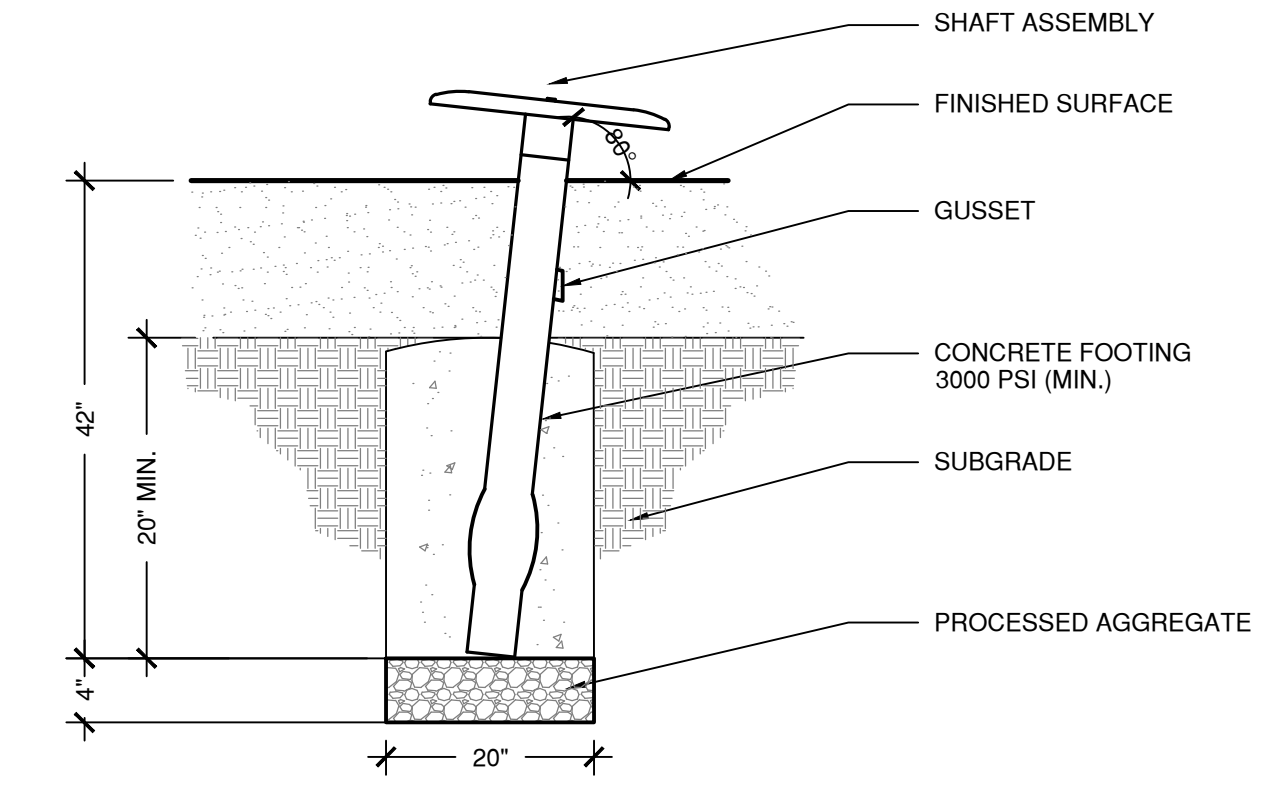
U II 1

1 CONCRETE FOOTING
SCALE: NTS



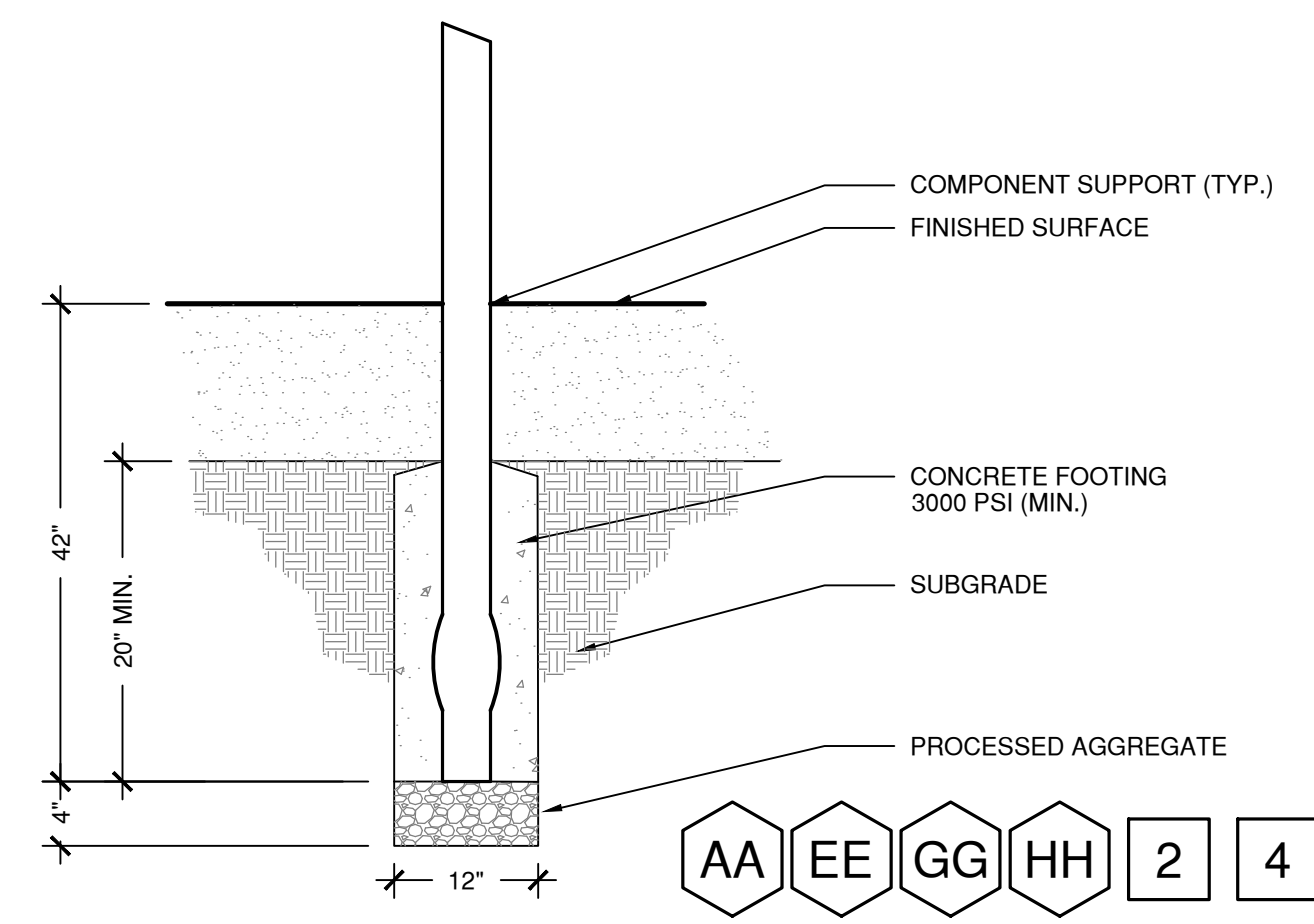
N

4 CONCRETE FOOTING - BOBBLE RIDER
SCALE: NTS



LL

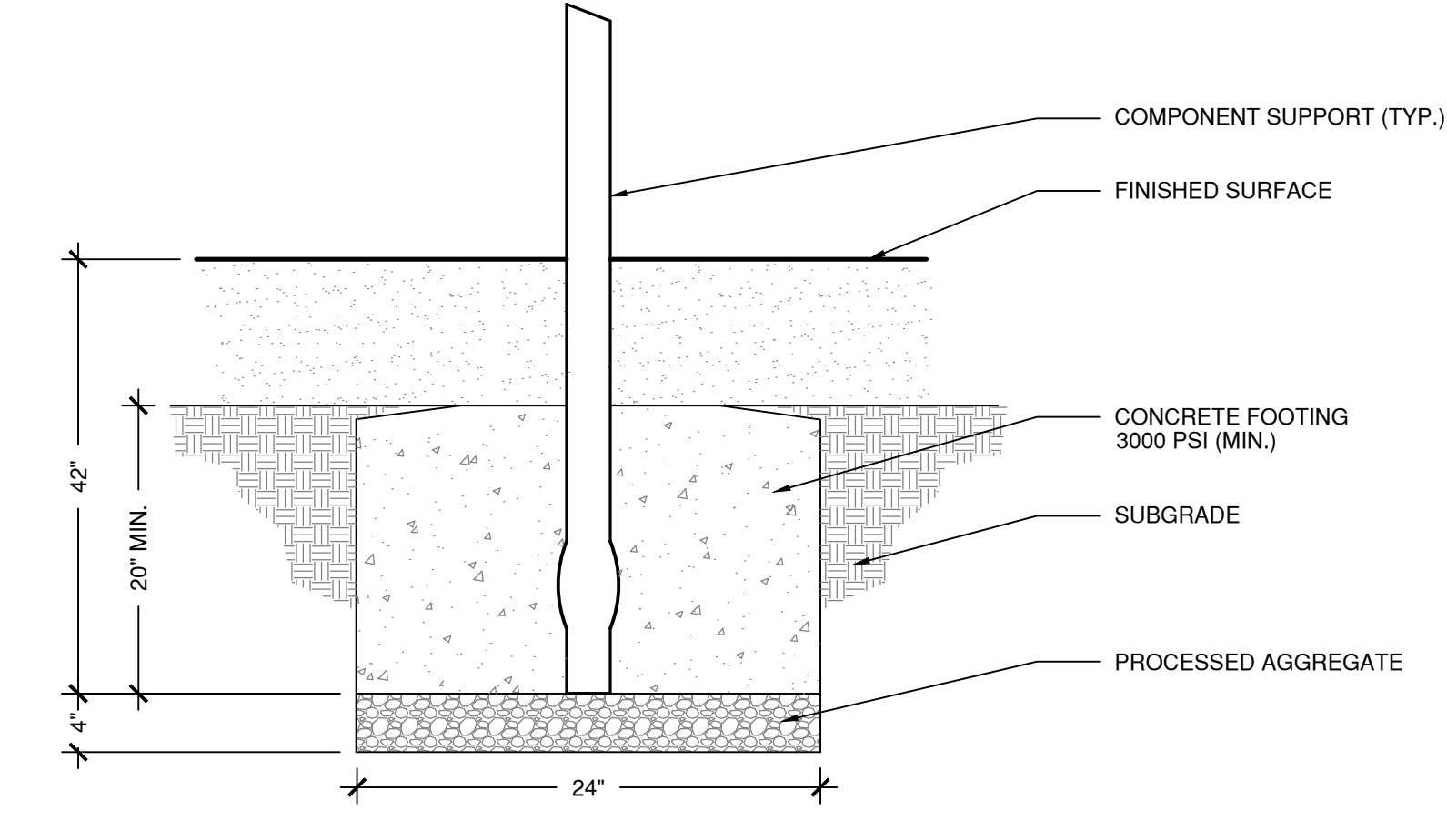
7 CONCRETE FOOTING - ORBITER SPINNER
SCALE: NTS



AA EE GG HH 2 4

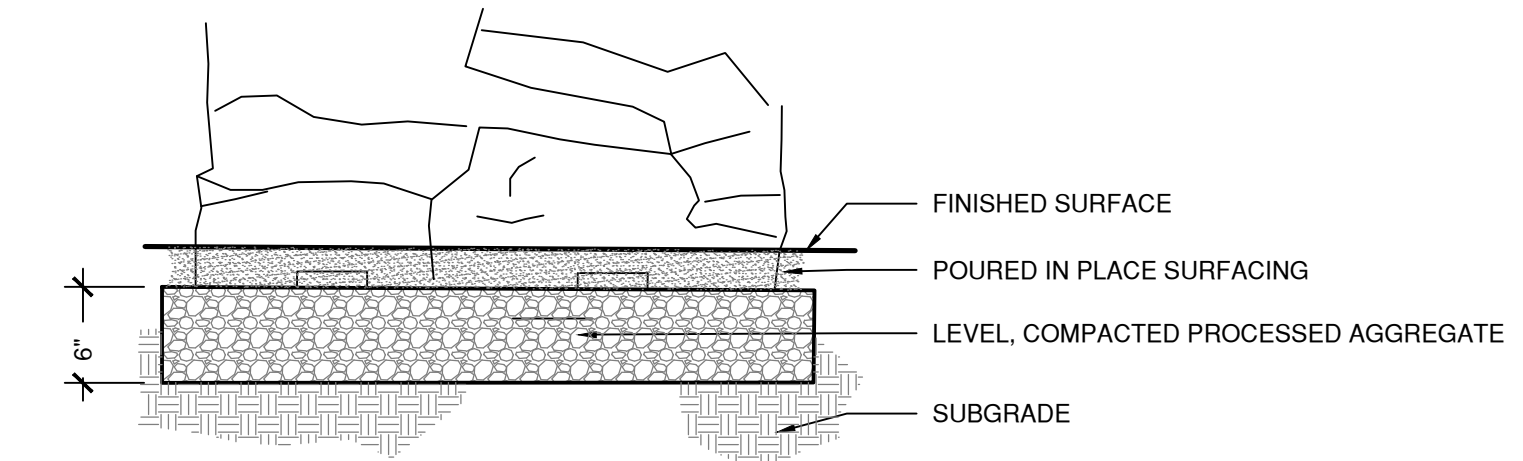
A B E F J L P Q R S T

2 CONCRETE FOOTING
SCALE: NTS



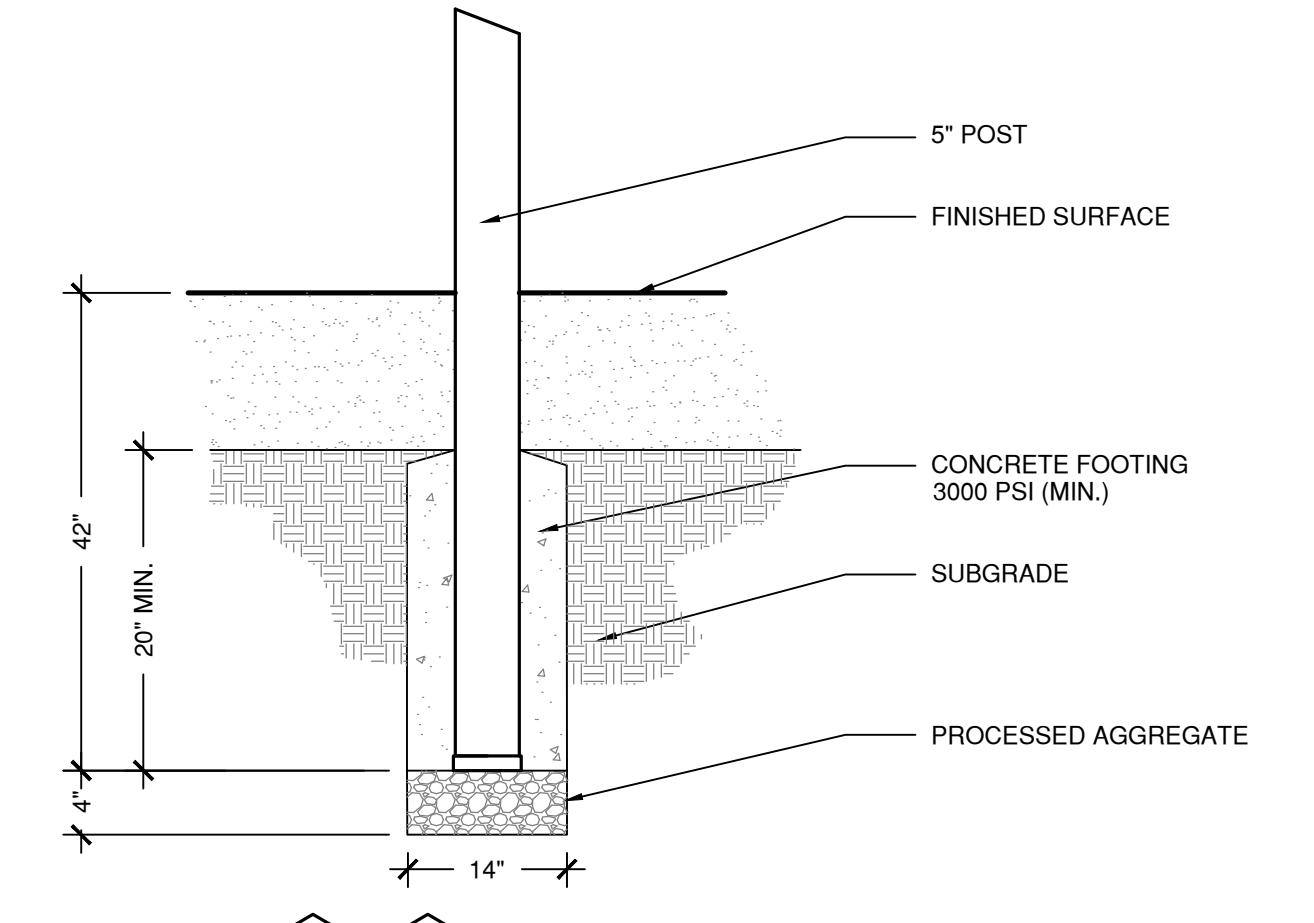
O LL

5 CONCRETE FOOTING - ORBITER SPINNER
SCALE: NTS



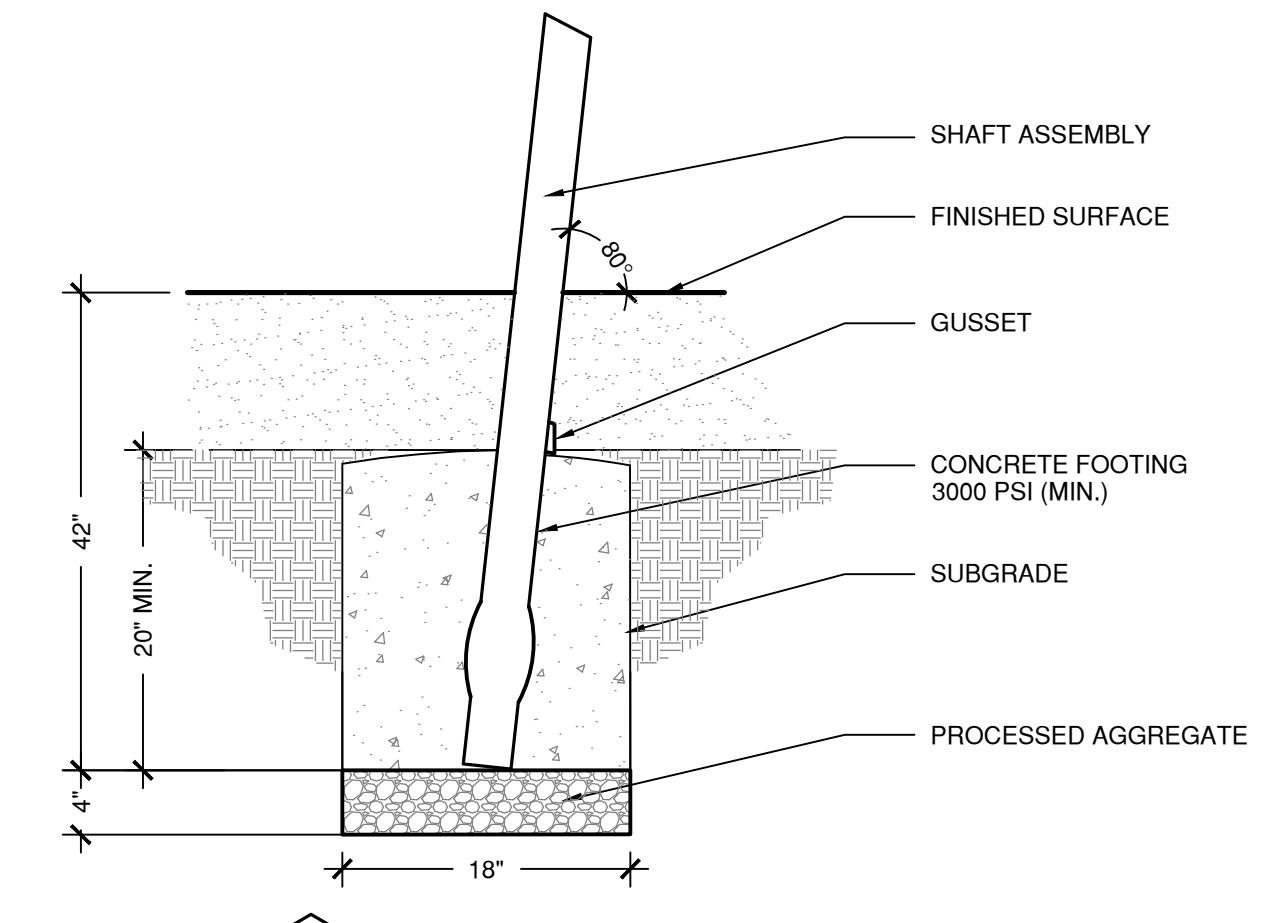
MM

8 FOOTING - THE POINTE
SCALE: NTS



NN KK

3 CONCRETE FOOTING
SCALE: NTS



NN

6 CONCRETE FOOTING - BLENDER
SCALE: NTS



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114 West Main Street, Suite 201
New Britain, CT 06051
P 860.612.1700
F 860.612.1757
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Prepared For:
TOWN OF
GLASTONBURY
2155 MAIN STREET

STATE PROJECT NO.
054-0095 MAG/N/PS
054-0096 MAG/N/PS
Phase 4 of 4

BID NO.
GL-2011-04-BP-120

PLAYGROUNDS FOR THE
GLASTONBURY
EAST HARTFORD
ELEMENTARY MAGNET SCHOOL
GLASTONBURY, CT
95 OAK STREET

Sheet Description:

**Playground
Details**

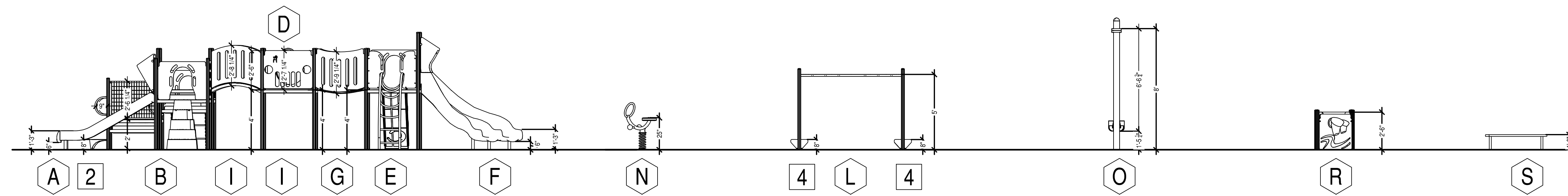
Rev:

Issue Date:
SEPTEMBER 26, 2011

Scale: AS NOTED Drawn by: MWF

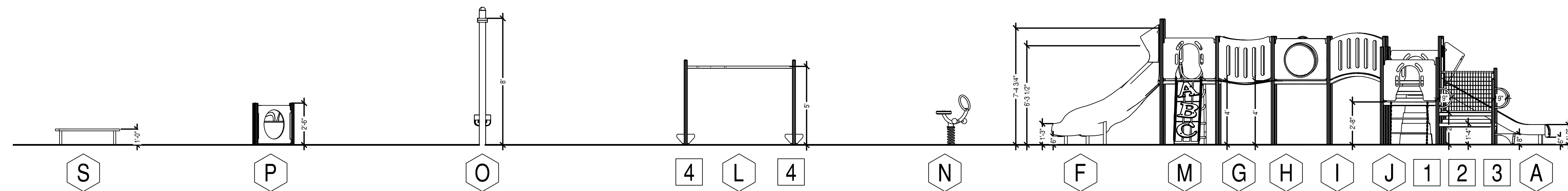
Project number:
5484-L

Sheet #:
L-6.2



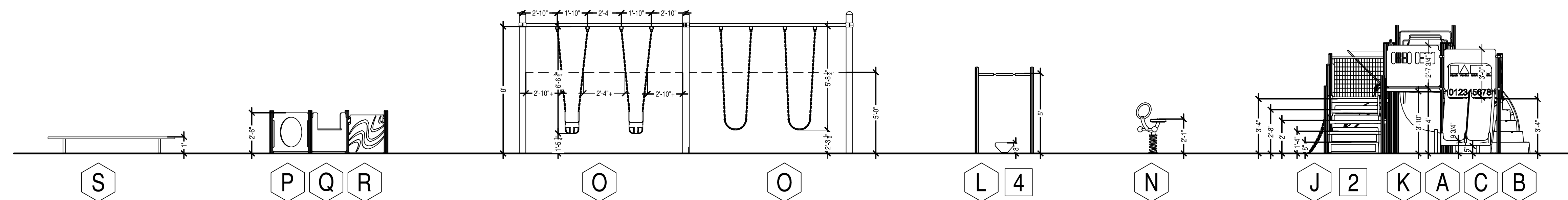
A PLAY EQUIPMENT ELEVATION

L-7.0 SCALE: 1/4" = 1"



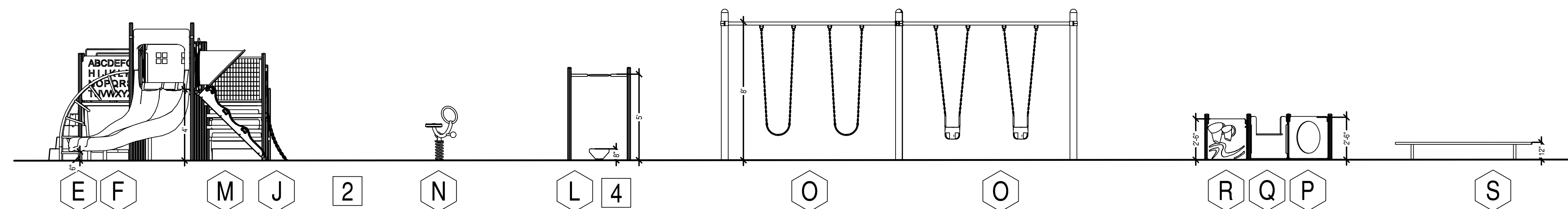
B PLAY EQUIPMENT ELEVATION

L-7.0 SCALE: 1/4" = 1"



C PLAY EQUIPMENT ELEVATION

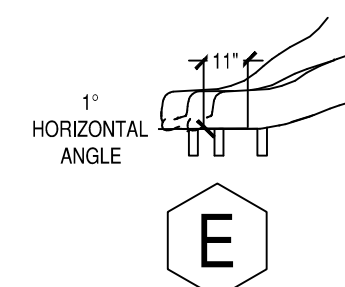
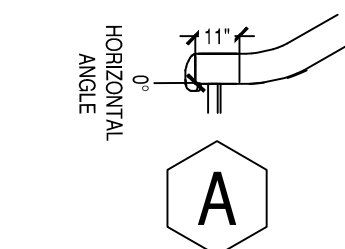
L-7.0 SCALE: 1/4" = 1"



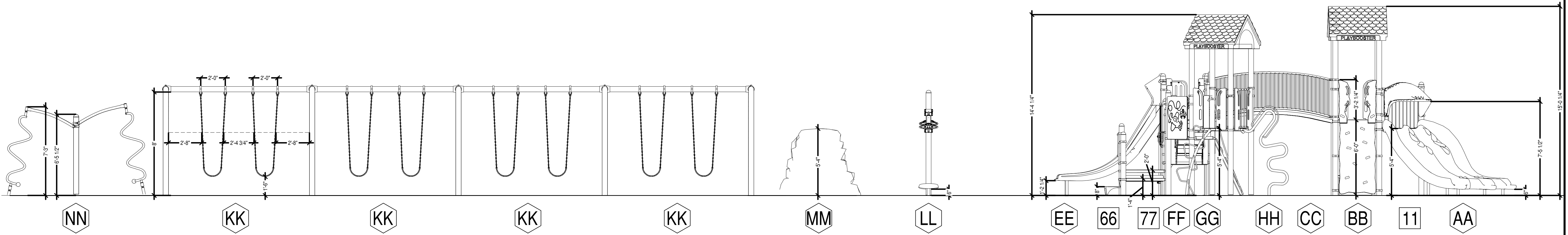
D PLAY EQUIPMENT ELEVATION

L-7.0 SCALE: 1/4" = 1"

SLIDE DISCHARGE ANGLES

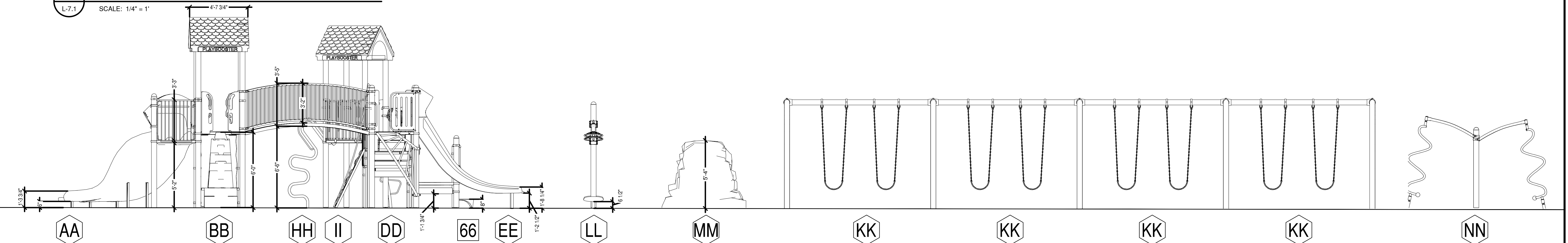


AGE 2 - 5 EQUIPMENT SCHEDULE	
TYPE OF COMPONENT	
A	DOUBLE POLY SLIDE
B	MINI SUMMIT CLIMBER
C	TRACING PANEL
D	DRIVER PANEL
E	LOOP ARCH
F	DOUBLE SWIRL POLY SLIDE
G	BELT BRIDGE
H	SLANT WINDOW PANEL
I	ARCH BRIDGE
J	WIGGLE LADDER
K	HOUSE PANEL
L	HORIZONTAL LADDER
M	ABC CLIMBER
N	SINGLE BOBBLE RIDER
O	SINGLE POST SWINGS 2 BAYS
P	HOLE PANEL
Q	STORE PANEL
R	BONGO PANEL
S	CURVED BALANCED BEAM
T	8" POD
1	2X WIRE BARRIER
2	STEP DECK
3	HAND LOOPS
4	NOT USED
5	TENDER DECK



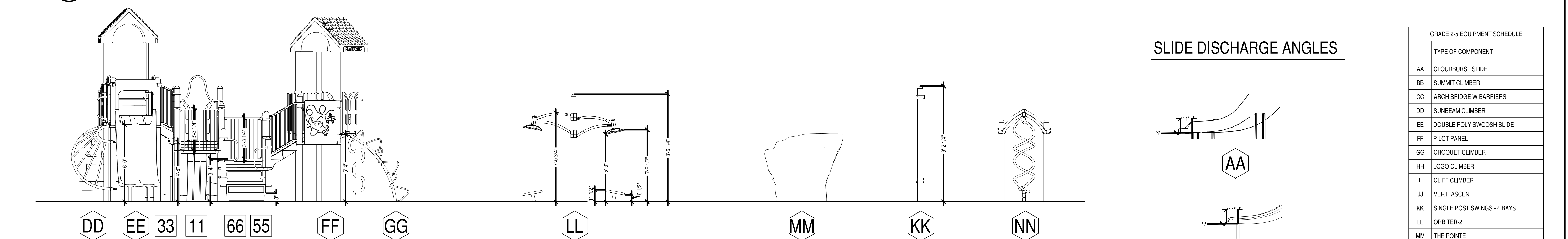
A PLAY EQUIPMENT ELEVATION

L-7.1 SCALE: 1/4" = 1'



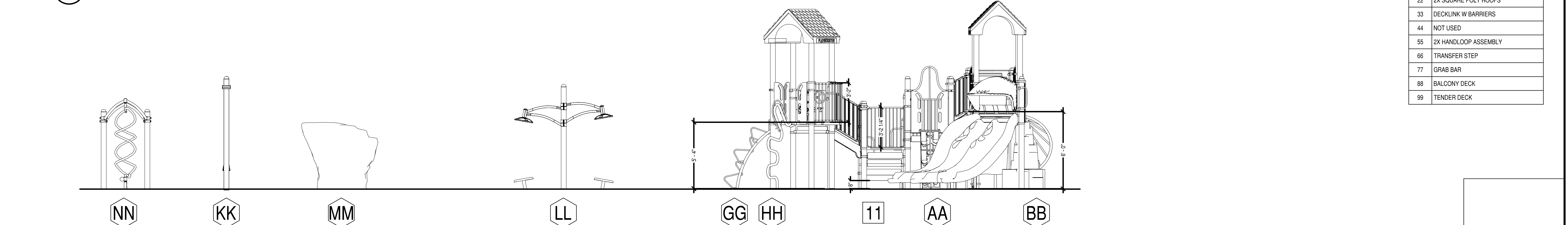
B PLAY EQUIPMENT ELEVATION

L-7.1 SCALE: 1/4" = 1'



C PLAY EQUIPMENT ELEVATION

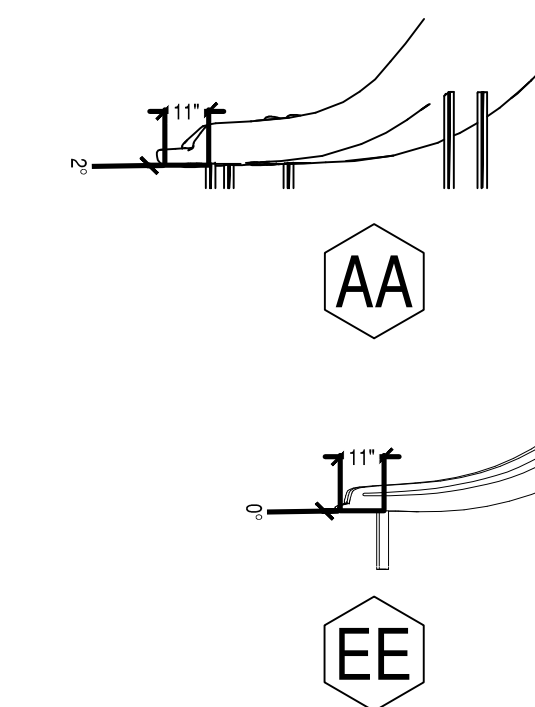
L-7.1 SCALE: 1/4" = 1'



D PLAY EQUIPMENT ELEVATION

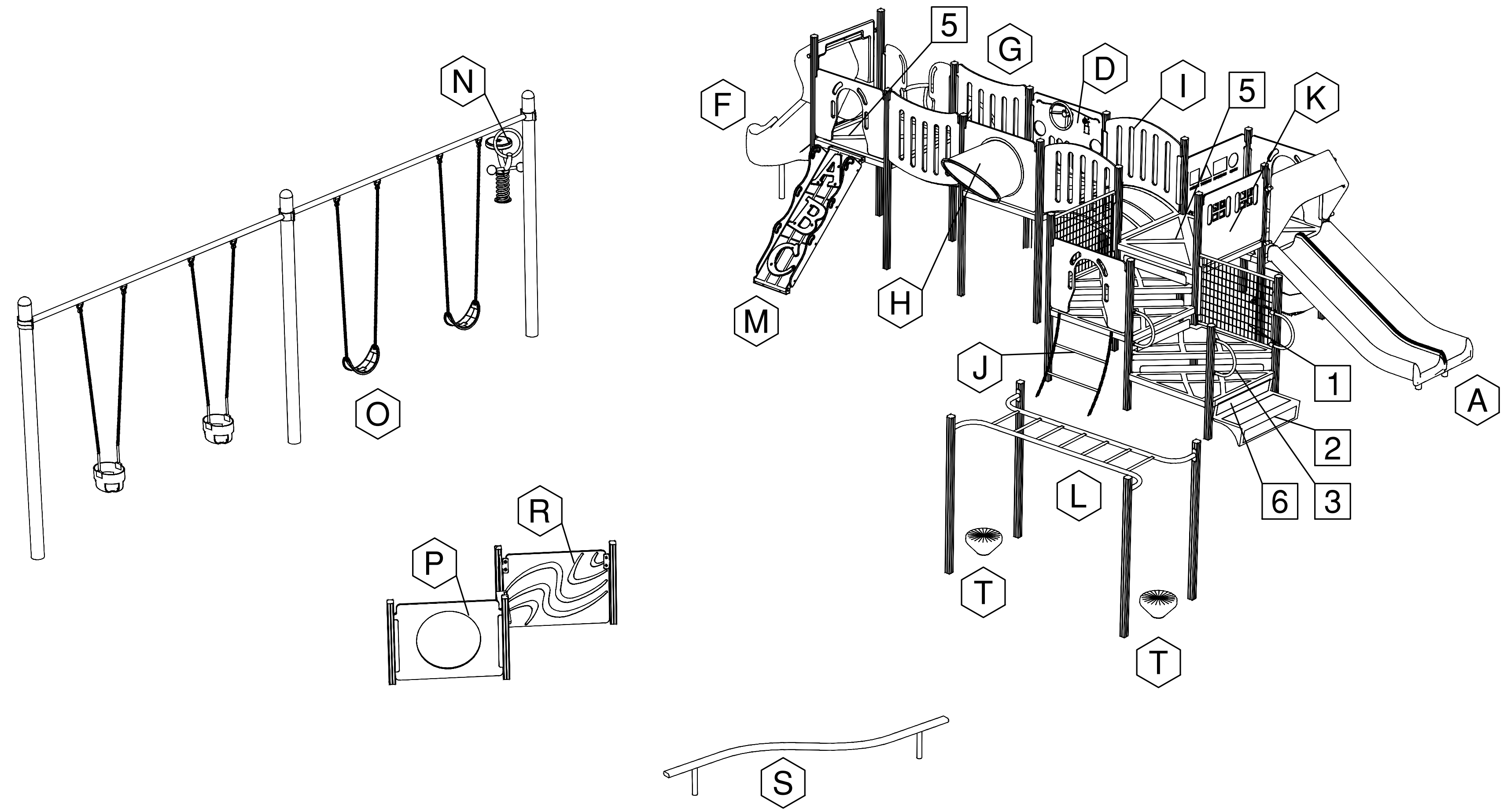
L-7.1 SCALE: 1/4" = 1'

SLIDE DISCHARGE ANGLES

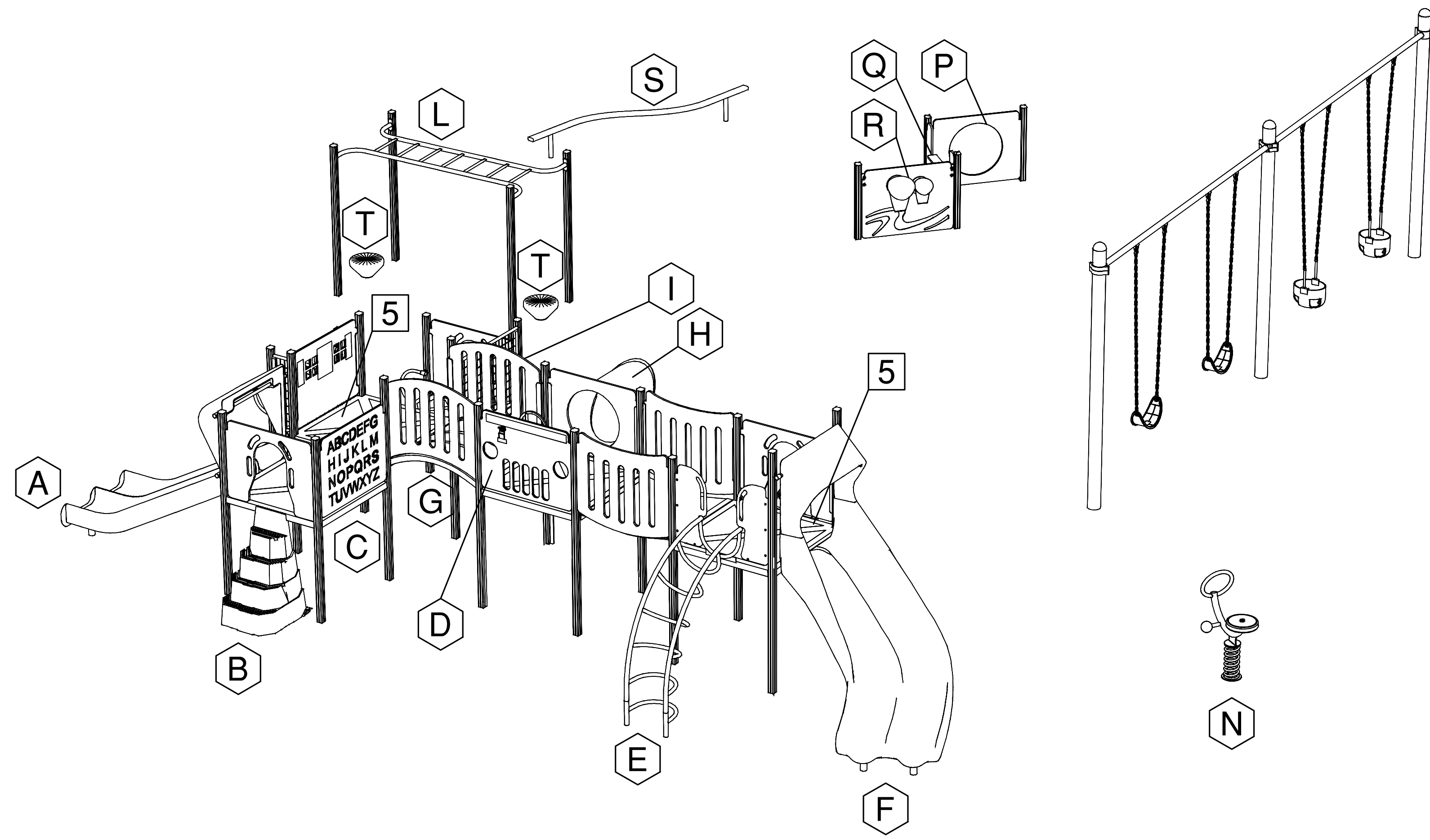


GRADE 2-5 EQUIPMENT SCHEDULE

TYPE OF COMPONENT	
AA	CLOUDBURST SLIDE
BB	SUMMIT CLIMBER
CC	ARCH BRIDGE W BARRIERS
DD	SUNBEAM CLIMBER
EE	DOUBLE POLY SWOOSH SLIDE
FF	PILOT PANEL
GG	CROQUET CLIMBER
HH	LOGO CLIMBER
II	CLIFF CLIMBER
JJ	VERT. ASCENT
KK	SINGLE POST SWINGS - 4 BAYS
LL	ORBITER-2
MM	THE POINTE
NN	IND BLENDER DOUBLE
11	3X PIPE BARRIERS
22	2X SQUARE POLY ROOFS
33	DECKLINK W BARRIERS
44	NOT USED
55	2X HANDLOOP ASSEMBLY
66	TRANSFER STEP
77	GRAB BAR
88	BALCONY DECK
99	TENDER DECK

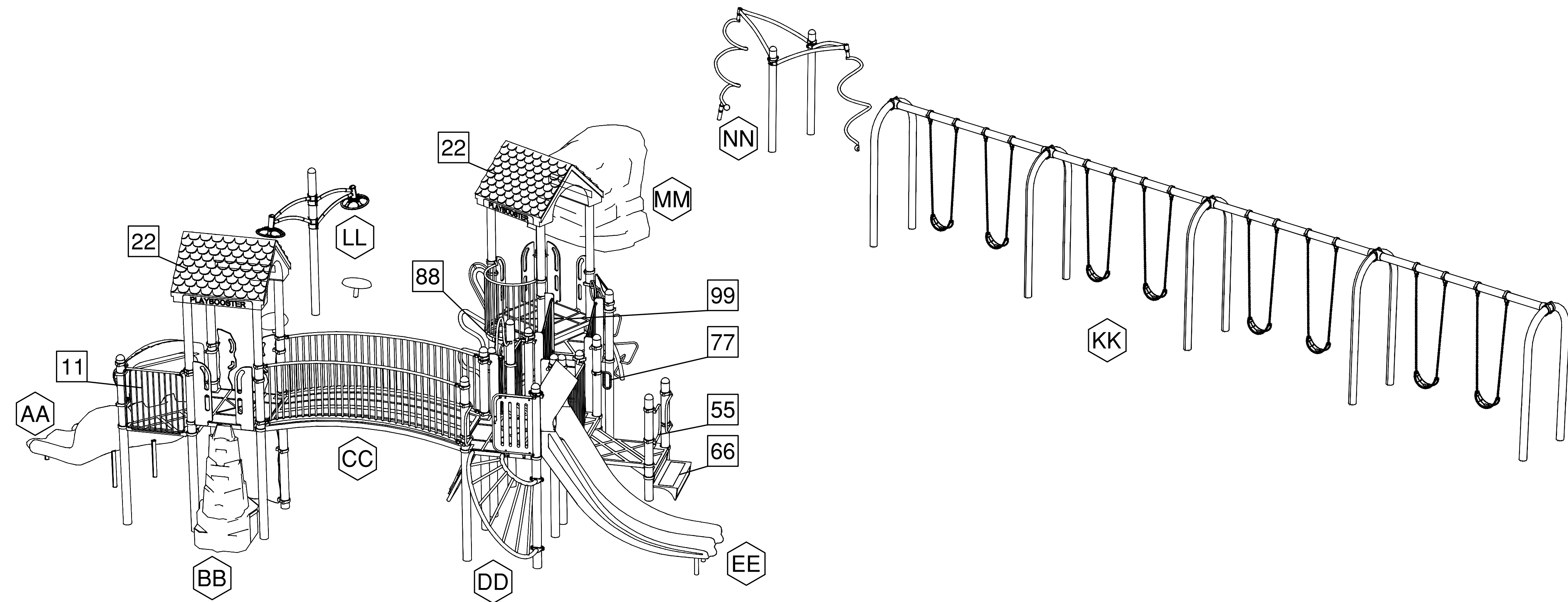


PLAY EQUIPMENT ISOMETRIC

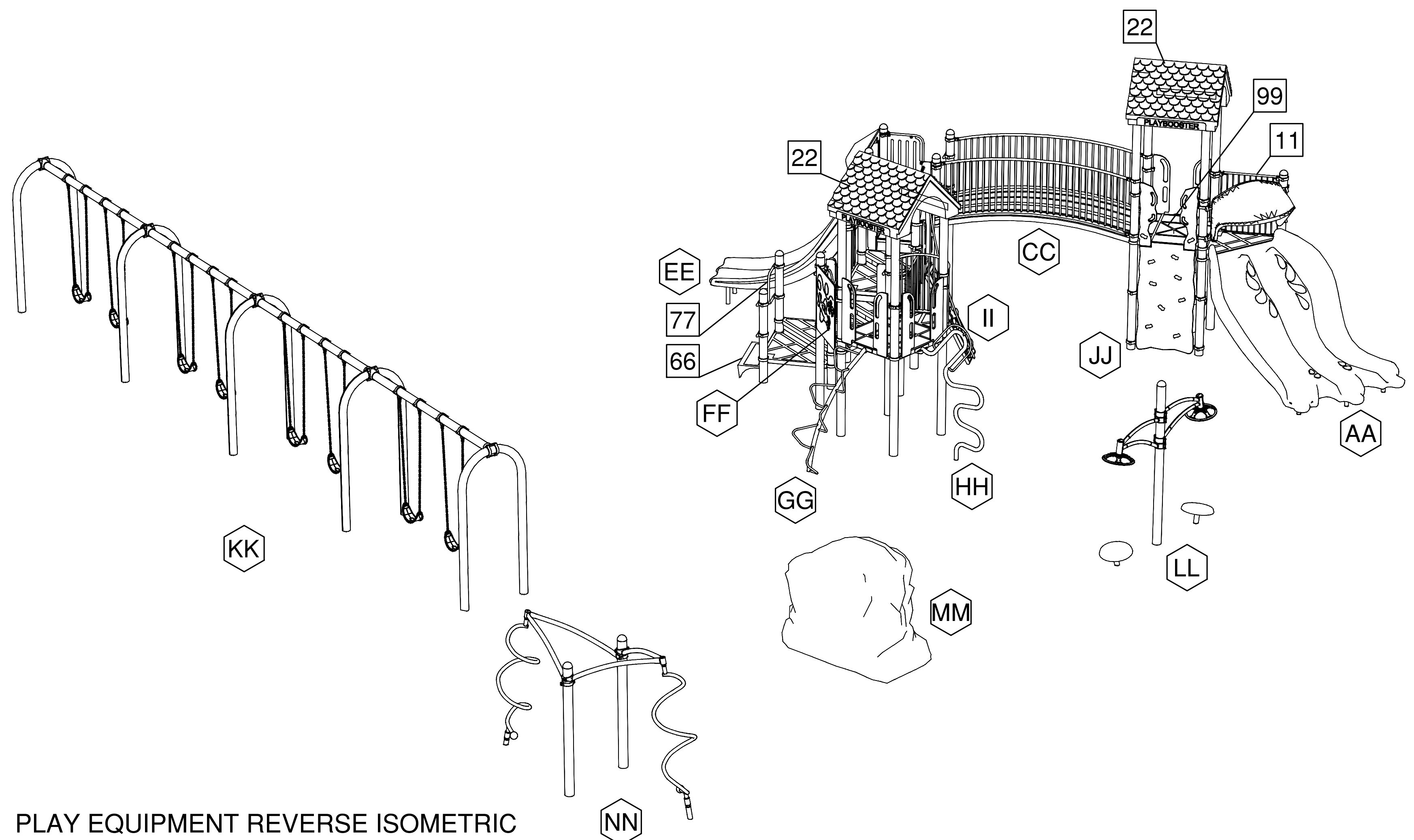


PLAY EQUIPMENT REVERSE ISOMETRIC

AGE 2 - 5 EQUIPMENT SCHEDULE	
TYPE OF COMPONENT	
A	DOUBLE POLY SLIDE
B	MINI SUMMIT CLIMBER
C	TRACING PANEL
D	DRIVER PANEL
E	LOOP ARCH
F	DOUBLE SWIRL POLY SLIDE
G	BELT BRIDGE
H	SLANT WINDOW PANEL
I	ARCH BRIDGE
J	WIGGLE LADDER
K	HOUSE PANEL
L	HORIZONTAL LADDER
M	ABC CLIMBER
N	SINGLE BOBBLE RIDER
O	SINGLE POST SWINGS 2 BAYS
P	HOLE PANEL
Q	STORE PANEL
R	BONGO PANEL
S	CURVED BALANCED BEAM
T	8" POD
1	2X WIRE BARRIER
2	STEP DECK
3	HAND LOOPS
4	NOT USED
5	TENDER DECK



PLAY EQUIPMENT ISOMETRIC



PLAY EQUIPMENT REVERSE ISOMETRIC

GRADE 2-5 EQUIPMENT SCHEDULE	
TYPE OF COMPONENT	
AA	CLOUDBURST SLIDE
BB	SUMMIT CLIMBER
CC	ARCH BRIDGE W BARRIERS
DD	SUNBEAM CLIMBER
EE	DOUBLE POLY SWOOSH SLIDE
FF	PILOT PANEL
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