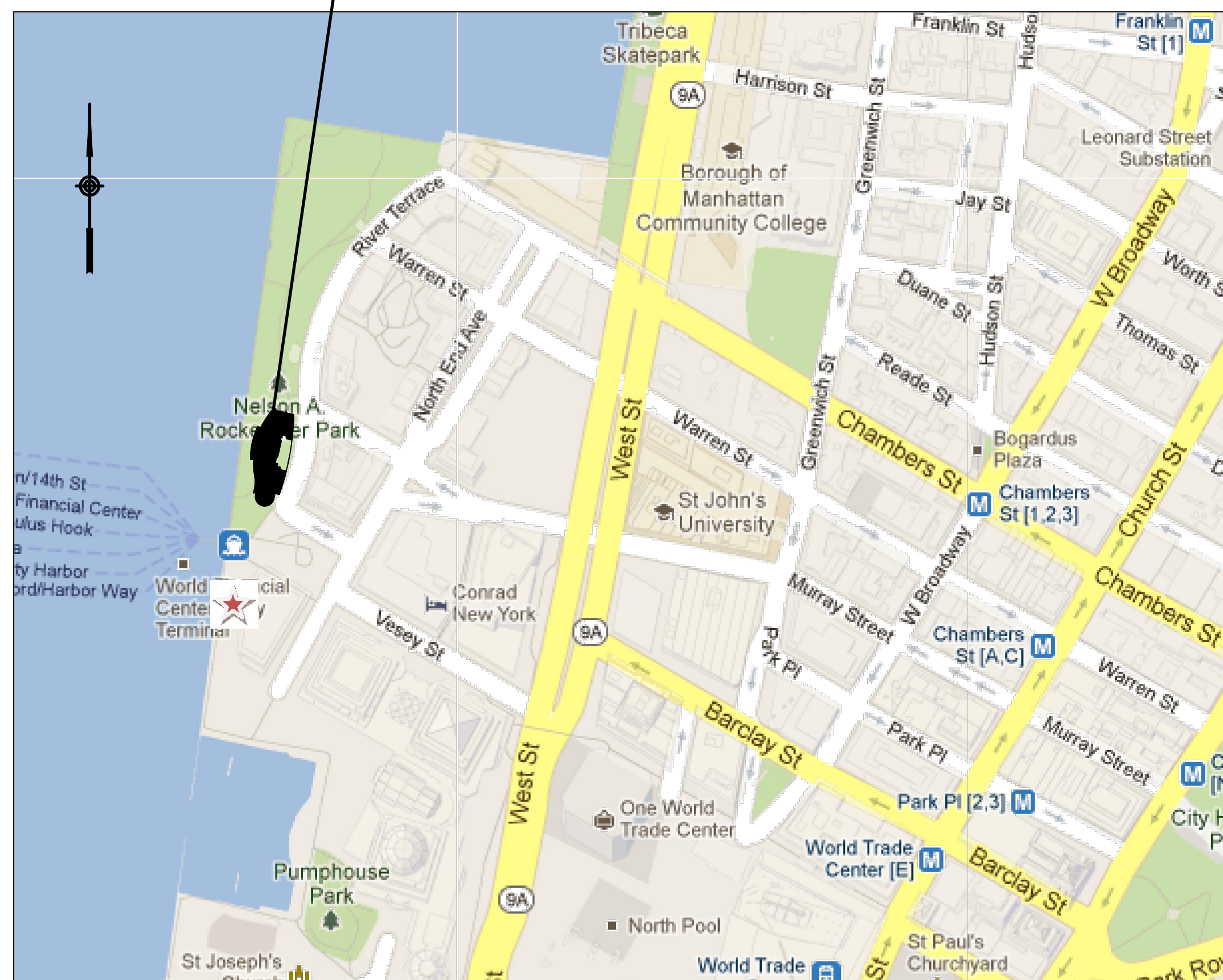


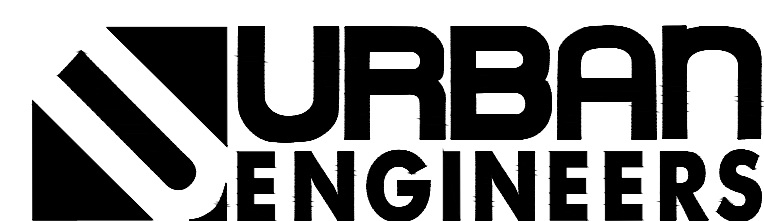
BATTERY PARK CITY AUTHORITY
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION
 CITY OF NEW YORK, BOROUGH OF
 MANHATTAN

PROJECT SITE



LOCATION MAP
 N.T.S.

SHEET NO.	DESCRIPTION	DRAWING NO.
1	COVER SHEET	C-1
2	ESTIMATE OF QUANTITIES AND SCOPE OF WORK	C-2
3	LEGENDS AND ABBREVIATIONS	C-3
4	GENERAL NOTES	C-4
5	PLAYGROUND EQUIPMENT PLAN	C-5
6	SURFACE AREA TYPES AND DRAIN PLAN	C-6
7	REMOVALS/RECONSTRUCTION OF SPRAY POOL	C-7
8	REMOVALS/RECONSTRUCTION FRAMING, FOOTING AND SWING DETAILS	C-8
9	REMOVALS/RECONSTRUCTION AREA II-A DETAILS	C-9
10	REMOVALS/RECONSTRUCTION AREA II-C DETAILS	C-10
11	REMOVALS/RECONSTRUCTION AREA II-C SUSPENSION BRIDGE DETAILS	C-11
12	REMOVALS/RECONSTRUCTION AREA III-B, III-C DETAILS	C-12
13	REMOVALS/RECONSTRUCTION AREA III-D DETAILS	C-13
14	REMOVALS/RECONSTRUCTION AREA III-D, III-E DETAILS	C-14
15	REMOVALS/RECONSTRUCTION AREA III-E, III-F DETAILS	C-15
16	REMOVALS/RECONSTRUCTION AREA III-A DETAILS	C-16
17	REMOVALS/RECONSTRUCTION AREA II-B DETAILS	C-17
18	REMOVALS/RECONSTRUCTION AREA NORTHPARK PLAY GROUND - I	C-18
19	REMOVALS/RECONSTRUCTION AREA NORTHPARK PLAY GROUND - II	C-19
20	REMOVALS/RECONSTRUCTION OF EXISTING WATER PLAY DETAILS	C-20
21	EXISTING SECTIONS AND DETAILS	C-21
22	RECONSTRUCTION DETAILS	C-22
23	TYPICAL REPAIR DETAILS	C-23



BID BREAKDOWN

ITEM NUMBER	ITEM DESCRIPTION	TOTAL PER ITEM
01	MOBILIZATION	
02	WORK ZONE SAFETY CONTROL	
03	DRAIN PIPES, CATCH BASINS AND MANHOLES CLEANOUT AND VIDEO INVESTIGATION	
04	PRE-CONSTRUCTION INVENTORY	
05	TOPOGRAPHIC SURVEY OPERATIONS	
06	REMOVE AND DISPOSE EXISTING SAFETY SURFACE, PLAYGROUND TYPE	
07	REMOVE AND DISPOSE EXISTING ASPHALT/CONCRETE UNDERLAYMENT AND BASE MATERIAL.	
08	REMOVE AND DISPOSE EXISTING ALASKAN CEDAR LAMINATED TURNED ROUND TIMBER POSTS.	
09	REMOVE AND DISPOSE ALL EXISTING ALASKAN CEDAR LAMINATED TIMBER AND ALL PLAYGROUND WOOD ELEMENTS.	
10	REMOVE/REFURBISH/STORE ALL EXISTING STEEL AND OTHER PLAYGROUND ELEMENTS.	
11	STABILIZED SOIL – AGGREGATE SUBBASE.	
12	ASPHALT CONCRETE UNDERLAYMENT	
13	NON-POROUS POURED-IN-PLACE PLAYGROUND SAFETY SURFACE.	
14	ALL PLAYGROUND STEEL ELEMENTS PAINTING	
15	FURNISH AND INSTALL NEW TO REPLACE EXISTING ALASKAN CEDAR LAMINATED TURNED ROUND TIMBER POSTS, REPLACE WITH NON-LAMINATED EQUIVALENT POSTS.	
16	FURNISH AND INSTALL NEW TO REPLACE EXISTING ALASKAN CEDAR LAMINATED TIMBER AND WOOD ELEMENTS, REPLACE WITH NON-LAMINATED EQUIVALENT ELEMENTS.	
17	REINSTALL EXISTING STEEL AND OTHER PLAYGROUND ELEMENTS.	
18	REPAIR SPALLING AND/OR CRACKS ON EXISTING PRE-CAST CONCRETE TABLE/SEATS	
19	REPLACE EXISTING SANDBOX/PLAYGROUND SAND, COARSE FINE SAND WASHED AND SCREENED.	
20	REPAINT EXISTING 4'-0" HT. STEEL PICKET FENCE WITH GATES AND HANDRAILS IN PLACE.	
21	REPOINT JOINTS AND/OR SEALANT AT EXISTING GRANITE WALLS AND SEATS IN THE GARGOYLE SPRAY POOL AREA	
22	REMOVE/STORE AND REINSTALL BENCHES, PICNIC TABLES, AND OTHER SITE FURNISHINGS IN THE AREA AFFECTED BY CONSTRUCTION.	
23	REPLACE EXISTING DRINKING FOUNTAIN WITH NEW TROUGH-TYPE DRINKING FOUNTAIN.	
24	CLOSE-OUT	

GENERAL:

WORK REQUIRED:

THE CONTRACTOR SHALL NOT COMMENCE ANY WORK UNDER THE CONTRACT PRIOR TO A PRE-CONSTRUCTION CONFERENCE AMONG THE CONTRACTOR, THE BPCA REPRESENTATIVES AND OTHER CONCERNED GOVERNMENTAL AND UTILITY COMPANY REPRESENTATIVES. SITE ACCESS WILL BE DISCUSSED.

CHANGES, CONTINGENCIES, EXTRA WORK AND DEDUCTIONS:

BPCA RESERVES THE RIGHT, AT ANY TIME DURING THE PROGRESS OF THE WORK, TO ALTER THE PLANS OR OMIT ANY PORTION OF THE WORK AS IT MAY DEEM REASONABLY NECESSARY FOR THE PUBLIC INTEREST, MAKING ALLOWANCE FOR ADDITIONS AND DEDUCTIONS AT THE PRICES NAMED IN THE PROPOSAL FOR THE WORK, WITHOUT CONSTITUTING GROUNDS FOR CLAIM BY THE CONTRACTOR FOR DAMAGES OR FOR LOSS OF ANTICIPATED PROFITS.

SITE HOUSEKEEPING:

DURING PROGRESSION OF WORK, THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE SITE AND ADJACENT PREMISES FREE FROM MATERIALS, DEBRIS AND RUBBISH AND SHALL REMOVE THE AFOREMENTIONED FROM ANY PORTION OF THE SITE.

THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL OF HIS SURPLUS MATERIALS AND TEMPORARY STRUCTURES WHEN NO FURTHER NEED THEREOF DEVELOPS AND SHALL RESTORE THE SITE TO A NEAT ORDERLY CONDITION.

AT THE CONCLUSION OF THE WORK, ALL ERECTION PLANT, TOOLS, TEMPORARY STRUCTURES, AND MATERIALS BELONGING TO THE CONTRACTOR SHALL BE PROMPTLY TAKEN AWAY, AND HE SHALL REMOVE AND PROMPTLY DISPOSE OF ALL WATER, DIRT, RUBBISH OR ANY OTHER FOREIGN SUBSTANCES.

AFTER COMPLETION OF ALL OTHER WORK UNDER THE CONTRACT, THE CONTRACTOR SHALL CLEAN AND REMOVE FROM ALL CATCH BASINS AND MANHOLES, WITHIN THE LIMITS OF THE CONTRACT, ALL MATERIALS AND DEBRIS DEPOSITED THEREIN AS THE DIRECT RESULT OF HIS OPERATIONS. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.

SCOPE OF WORK

- ATTEND PRE-CONSTRUCTION MEETING
- MOBILIZE TO THE SITE
- PERFORM CLEANOUT AND VIDEO INVESTIGATION OF THE EXISTING DRAINAGE SYSTEM. CLEANOUT METHOD SHOULD BE WATERJET OR ENGINEER APPROVED ALTERNATIVE. AFTER CLEANOUT, DRAIN PIPES SHALL BE OBSERVED THROUGH VIDEO. ALL DAMAGES AND/OR ABNORMALITIES SHALL BE REPORTED TO THE ENGINEER.
- COMMENCE DETAILED PRE-CONSTRUCTION SURVEY OF THE SITE WITH ALL EXISTING PLAYGROUND EQUIPMENT AND FURNISHINGS, INCLUDING DOCUMENTING THE DIMENSIONS OF ALL POSTS AND OTHER TIMBER MEMBERS BEING REPLACED, ALL STEEL PLAYGROUND COMPONENTS AND MESH PANELS BEING REFURBISHED AND PAINTED, ALL PLASTIC AND NYLON PLAYGROUND ELEMENTS BEING REPLACED AND/OR REINSTALLED, VARIOUS HARDWARE, STEEL PICKET FENCES AND UTILITY SERVICES. IDENTIFICATION TAGS REFERENCING PLAN AND ELEVATION DRAWINGS SHALL BE PLACED ON ALL ITEMS BEING REMOVED AND REPAIRED TO IDENTIFY THE LOCATION FOR REINSTALLATION OF ITEMS. A DETAILED PHOTO SURVEY SHALL BE COMPLETED AS A PART OF THE PRE-CONSTRUCTION SURVEY.
- INSTALL TEMPORARY 6' TALL BARRIER FENCE AT PERIMETER OF SITE, AND TYPE III CONSTRUCTION BARRICADES AND/OR OTHER DEVICES WHERE NECESSARY FOR WORK ZONE SAFETY CONTROL.
- INSTALL TEMPORARY SILT FENCE AND FABRIC COVERS FOR ALL EXISTING DRAIN INLETS WITHIN SITE TO PROTECT EXISTING DRAINAGE SYSTEM.
- REMOVE AND STORE EXISTING BENCHES, PICNIC TABLES, AND OTHER FURNISHINGS AFFECTED BY CONSTRUCTION.
- SAWCUT EXISTING PLAYGROUND SAFETY SURFACE AND UNDERLAYMENT FULL DEPTH TO SEPARATE GARGOYLE SPRAY POOL AND BABIES WATER PLAY AREAS FROM AREAS THAT WILL RECEIVE NEW SAFETY SURFACE AND NEW UNDERLAYMENT.
- REMOVE AND DISPOSE OF EXISTING SAFETY SURFACE WHERE INDICATED.
- REMOVE AND DISPOSE EXISTING PAVEMENT UNDERLAYMENT AND BASE MATERIAL IN PLAYGROUND AREA, UP TO 8.00 INCHES THICK, EXCEPT AT GARGOYLE AND BABIES WATER PLAY AREAS.
- REMOVE AND DISPOSE OF EXISTING SANDBOX/PLAYGROUND SAND WHERE INDICATED.
- REMOVE, REFURBISH, REPAIR, AND STORE ALL EXISTING STEEL AND OTHER PLAYGROUND ELEMENTS TO BE REPAINTED AND REINSTALLED. REPAIRS AND PAINTING OF STEEL SHALL BE PERFORMED AT THE CONTRACTORS' SHOP. CONTRACTOR SHOULD INFORM ENGINEER OF SHOP LOCATION AND DATES OF ACTIVITIES TO ASSIGN PROPER IN SHOP INSPECTION.
- REMOVE AND DISPOSE 4.5", 6" OR 8" DIA. AND 8" X 8" EXISTING ALASKAN CEDAR LAMINATED TURNED ROUND TIMBER POSTS AT ALL PLAY EQUIPMENT, PERGOLAS AND CAROUSEL GAZEBO AREAS.
- REMOVE AND DISPOSE ALL EXISTING ALASKAN CEDAR LAMINATED OR SOLID WOOD ELEMENTS INCLUDING, BUT NOT LIMITED TO, BEAMS, DECKING, STEPS, FILLER PANELS, PERGOLAS AND CAROUSEL GAZEBO.
- REPLACE STEEL SLEEVES AND/OR SLEEVE ANCHOR BOLTS, AS ORDERED BY ENGINEER, IF NECESSARY.
- REPLACE THE EXISTING DRINKING FOUNTAINS WITH NEW DRAIN-FREE TROUGH TYPE. CONNECT TO EXISTING WATER LINES AT EACH LOCATION.
- FURNISH AND INSTALL 4.5", 6" OR 8" DIA. AND 8" X 8" SQUARE ALASKAN CEDAR TURNED ROUND TIMBER POSTS AT ALL PLAYGROUND EQUIPMENT, PERGOLAS AND CAROUSEL GAZEBO AREAS. MATCH EXISTING POST SIZES AND SHAPES.
- REPAIR EXISTING PRE-CAST CONCRETE TABLES/SEATS IN-PLACE.
- PLACE STABILIZED SOIL-AGGREGATE SUBBASE 4" THICK AS PART OF THE UNDERLAYMENT FOR POURED-IN-PLACE PLAYGROUND SAFETY SURFACE.
- INSTALL NEW ASPHALT PAVEMENT UNDERLAYMENT 3" THICK FOR POURED-IN-PLACE SAFETY SURFACE.
- INSTALL NEW POURED-IN-PLACE SAFETY SURFACE, PLAYGROUND TYPE.
- REPAINT ALL PLAYGROUND STEEL ELEMENTS AFTER REPAIRS ARE APPROVED. MATCH EXISTING COLORS OR AS ORDERED BY ENGINEER.
- REINSTALL PREVIOUSLY REMOVED, REFURBISHED, REPAIRED, AND REPAINTED EXISTING STEEL AND OTHER ELEMENTS, INCLUDING ALL NEW HARDWARE AND SUSPENSION ELEMENTS.
- FURNISH AND INSTALL NEW ALASKAN CEDAR SOLID WOOD ELEMENTS INCLUDING, BUT NOT LIMITED TO, BEAMS, DECKING, STEPS, FILLER PANELS, PERGOLAS AND CAROUSEL GAZEBO AREAS.
- REPAINT EXISTING 4'0" HIGH STEEL PICKET FENCE AND GATES SURROUNDING THE PLAYGROUND.
- RE-POINT EXISTING GRANITE WALLS AND SEAT WALLS AT THE GARGOYLE WATER PLAY AREA.
- INSTALL NEW SANDBOX/PLAYGROUND SAND – UP TO 12" THICK AS INDICATED ON CONTRACT DRAWINGS.
- REINSTALL EXISTING BENCHES, AND OTHER FURNISHINGS AFFECTED BY CONSTRUCTION.
- REMOVE ALL TEMPORARY SAFETY AND SECURITY DEVICES.
- DEMobilize.

CONTRACTOR'S PRICE BID FOR LUMP SUM ITEMS SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE WORK, WITHOUT ANY ADDITIONAL COSTS TO THE BPCA.

LABOR RATES

TIME AND MATERIALS PRICES FOR ADDITIONAL WORK ONLY.

A	LABOR	UNIT	PRICE PER UNIT
1	LABORER FOREMEN	PER HR.	
2	LABORER	PER HR.	
3	OPERATING ENGINEER	PER HR.	
4	CARPENTER	PER HR.	
5	TEAMSTER	PER HR.	
	EQUIPMENT	UNIT	PRICE PER UNIT
1	UTILITY/COMPRESSOR TRUCK WITH SMALL TOOLS INCLUDING OPERATING COST	PER DAY	
2	EXCAVATOR CAT 450 INCLUDING OPERATING COST	PER DAY	
3	DUMP TRUCK	PER DAY	
4	JUMPING JACK	PER DAY	
5	PICKUP TRUCK	PER DAY	

ANY MATERIALS CONSUMED IN RELATION TO THE EXTRA WORK WILL BE REIMBURSED UPON INSTALLATION/USE AT THE COST SHOWN ON ACTUAL INVOICES WITH A 10% OVERHEAD PLUS 5% PROFIT ALLOWANCE. EXTRA WORK COSTS SHALL INCLUDE INSURANCE AND BOND COSTS.

ALLOWANCE ITEMS

ITEMS WILL BE ADDRESSED AS DIRECTED BY THE ENGINEER ON AN AS-NEEDED BASIS UP TO THE AMOUNT SHOWN.

ITEM NUMBER	ITEM DESCRIPTION	AMOUNT
A1	DRAINAGE MODIFICATIONS INCLUDING PIPE AND/OR DRAINAGE STRUCTURE REPAIRS AND/OR REPLACEMENT	\$50,000.00

UNIT PRICE ITEMS

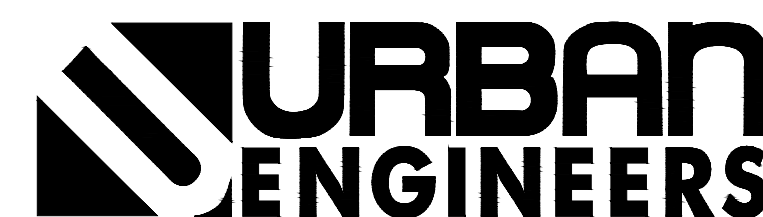
CONTRACTOR TO PROVIDE UNIT PRICES FOR THE FOLLOWING ITEMS. ITEMS WILL BE ADDED TO THE CONTRACT (AOBE) - AS ORDERED BY ENGINEER, IF REQUIRED.

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	TOTAL PER ITEM
UP1	REPLACE EXISTING GALVANIZED STEEL SLEEVE AND BASE PLATE ASSEMBLY FOR WOOD POSTS.	EACH	140		
UP2	REPLACE ANCHOR BOLT FOR EXISTING STEEL SLEEVE ASSEMBLY	EACH	100		
UP3	CAST-IN-PLACE CONCRETE	CUBIC YARD	10		

QUANTITIES INDICATED ABOVE ARE ESTIMATED BASED ON THE BEST INFORMATION KNOWN DURING THE PREPARATION OF THE CONTRACT DOCUMENTS, AND SHALL NOT BE CONSTRUED AS FINAL QUANTITIES FOR THE WORK.

1	7/5/18	ISSUED FOR BID	CFK		
NO.	DATE	REVISION	INT.		

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 DESIGNED BY **MDC**
 CHECKED BY **CFK**

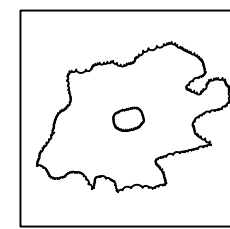


BATTERY PARK CITY AUTHORITY
 BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

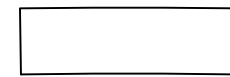
ESTIMATE OF QUANTITIES AND SCOPE OF WORK

PROJECT NO. 2017200282.009	SHEET NO. 2 OF 23
DATE: JULY 2018	DRAWING NO. C-2
SCALE: AS NOTED	

LEGEND



TREE PIT



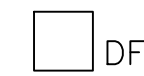
BENCH



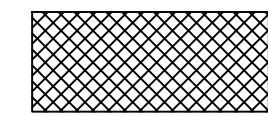
POST



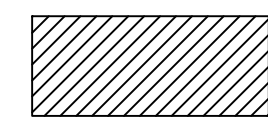
LAMP POST



DRINKING FOUNTAIN



NEW SAFETY SURFACE ON NEW UNDERLAYMENT



SAFETY SURFACE ON EXISTING UNDERLAYMENT



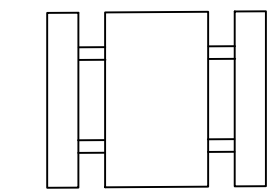
NEW PLAY SAND



4'-0" STEEL FENCE ON GRANITE CURB TO BE PAINTED



EXISTING CONCRETE TABLE/SEAT TO BE REPAIRED



EXISTING PICNIC TABLE



SAWCUT SAFETY SURFACE AND UNDERLAYMENT

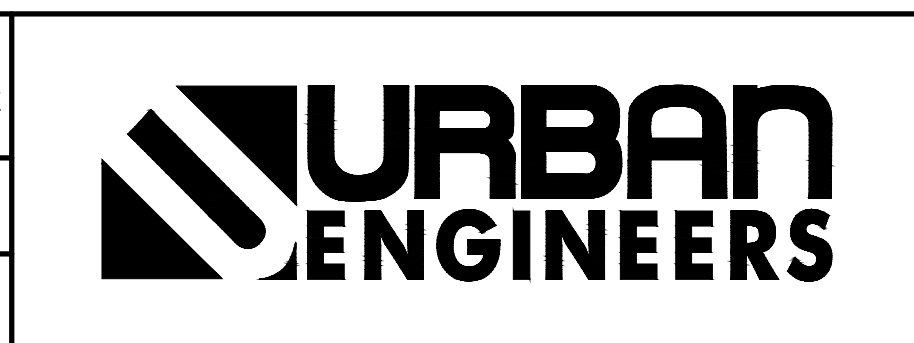
ABBREVIATIONS

AOBE AS ORDERED BY ENGINEER

SS SAFETY SURFACE

1	7/5/18	ISSUED FOR BID	CFK
NO.	DATE	REVISION	INT.

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DESIGNED BY	MDC
CHECKED BY	CFK



BATTERY PARK CITY AUTHORITY	
BOROUGH OF MANHATTAN	CITY OF NEW YORK
ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION	

LEGENDS AND ABBREVIATIONS	
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PROJECT NO. 2017200282.009	SHEET NO. 3 OF 23
DATE: JULY 2018	DRAWING NO. C-3
SCALE: AS NOTED	

GENERAL NOTES

1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS & HIS OWN INVESTIGATION/INSPECTION.
2. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF BPCA WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF BPCA, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR. EXISTING GRANITE CURBS TO REMAIN SHALL BE PROTECTED. IF GRANITE CURB REQUIRE REMOVAL TO PERFORM ADJACENT POST REPLACEMENTS, THEY SHALL BE REMOVED, STORED, AND RESET-IN-PLACE AT NO ADDITIONAL COST TO BPCA.
3. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THE DISPOSAL AREA SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THOSE ITEMS.
4. ACCESS TO THE SITE MAY INVOLVE REMOVAL AND REINSTALLATION OF GUIDERAILING, FENCING AND REMOVAL OF MISCELLANEOUS MATERIALS, PLANTS OR MINOR STRUCTURES AS DEEMED NECESSARY BY THE CONTRACTOR. THE BIDDER IS RESPONSIBLE FOR DETERMINING THE EXTENT OF WORK REQUIRED TO ACCESS THE SITE AND MUST PREPARE HIS/HER BID ACCORDINGLY.
5. THE CONTRACTOR SHALL REPAIR AND RESTORE TO ORIGINAL CONDITION ANY DAMAGE BEYOND THE WORK LIMITS CAUSED BY HIS/HER OPERATION AT NO COST TO THE BPCA.
6. THE E.I.C. MAY INCREASE OR DECREASE THE LIMIT OF WORK AS DEEMED NECESSARY.
7. APPROXIMATE LOCATION OF RIGHT-OF-WAY, PROPERTY LINES, AND EASEMENTS ARE SHOWN ON THE PLANS BASED ON AVAILABLE INFORMATION.
8. ALL RIGHT-OF-WAY MONUMENTS AND PROPERTY CORNERS ARE TO BE SAFEGUARDED AND PRESERVED. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND SUBMIT A CONDITION INVENTORY OF ALL MONUMENTS AND SURVEY CONTROL WITHIN THE PROJECT LIMITS. ALL RIGHT-OF-WAY MONUMENTS OR PROPERTY CORNERS THAT ARE DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION ARE TO BE REPLACED BY A N.Y.S. LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
9. ANY ADDITIONAL TREE REMOVALS BEYOND THOSE LISTED IN THE PLANS MUST BE APPROVED BY THE E.I.C. PRIOR TO REMOVAL. THE CONTRACTOR IS TO PROVIDE PROTECTION FOR ALL OF THE EXISTING TREES WITHIN THE PROJECT LIMITS THROUGHOUT THE COURSE OF THE PROJECT, TO MINIMIZE AS MUCH AS POSSIBLE ANY DAMAGE OCCURRING TO THE TREES AS A RESULT OF CONSTRUCTION ACTIVITIES. PROTECTION IS TO BE IN PLACE BEFORE ANY WORK IS STARTED.
10. THE CONTRACTOR SHALL PRUNE BRANCHES ON EXISTING TREES, TO PROVIDE VERTICAL AND HORIZONTAL CLEARANCE ALONG THE PROPOSED SIDEWALK UNDER THE DIRECTION OF BPCA OR AN AUTHORIZED REPRESENTATIVE. THE MINIMUM CLEARANCE PROVIDED SHALL BE EIGHT (8) FEET ABOVE PROPOSED GRADE AND FOUR (4) FEET FROM CENTERLINE OF SIDEWALK. NO ADDITIONAL PRUNING SHALL BE DONE BEYOND THOSE NECESSARY TO PROVIDE THE CLEARANCES LISTED. COST SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 201.06.
11. THE CONTRACTOR SHALL ABIDE BY ALL CONDITIONS OF THE NYSDEC AND NYC PERMITS.
12. ALL ROADWAY SURFACES ARE TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
13. PERMITS PULLED BY THE CONTRACTOR FOR CONTAINER PLACEMENT OF MACHINERY SUCH AS DUMPSTER, CONCRETE TRUCK AND PUMP WILL BE INCLUDED WITH STIPULATIONS. [WZTC WOULD BE REQUIRED OF THE CONTRACTOR IF CONSTRUCTION ACTIVITIES IMPACT TRAFFIC, BOTH VEHICULAR & PEDESTRIAN & SHALL FOLLOW THE 2009 MUTCD].

UTILITY NOTES


1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL UTILITY WORK. ALL COSTS FOR UTILITY COORDINATION SHALL BE INCLUDED IN ITEM 625.01.
2. EXISTING UTILITIES (LOCATIONS, SIZES AND INVERTS) SHOWN ON THE PLANS HAVE BEEN PLOTTED FROM FIELD SURVEYS AND RECORD MAPS AND ARE NOT CERTIFIED AS TO THE ACCURACY OF THEIR LOCATION OR COMPLETENESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES AND STRUCTURES IN THE PATH OF, OR CLOSELY PARALLEL TO, OR UNDER THE PROPOSED CONSTRUCTION, WHETHER ABANDONED OR IN SERVICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITY OWNERS IN AMPLE TIME FOR THEM TO LOCATE AND MARK THEIR FACILITIES. THE CONTRACTOR SHALL ALSO NOTIFY DIG SAFELY NEW YORK AT LEAST 48 HOURS IN ADVANCE OF COMMENCING ANY WORK. TEL. NO. 1-800-962-7962. COST SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625.01.
3. WORK SHALL NOT COMMENCE UNTIL ALL UNDERGROUND UTILITIES HAVE BEEN STAKED TO SHOW THEIR LOCATION EITHER INSIDE OR OUTSIDE THE WORK AREAS.
4. THE CONTRACTOR SHALL DIG TEST PITS AT POTENTIAL UTILITY CONFLICT LOCATIONS NOT ALREADY IDENTIFIED AS BEING RELOCATED ON THE PLANS. COST FOR TEST PIT EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 206.02. BACKFILL AND SURFACE RESTORATION SHALL BE INCLUDED IN THE PRICE BID FOR THE APPROPRIATE PAY ITEMS. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY IF A CONFLICT EXISTS.
5. THE CONTRACTOR SHALL CONDUCT THEIR OPERATIONS AND TAKE ALL PRECAUTIONS NECESSARY TO PROTECT AND PRESERVE THE INTEGRITY OF EXISTING UTILITIES TO REMAIN, AND NEWLY INSTALLED UTILITIES AND SHALL PROVIDE UNINTERRUPTED SERVICE TO ALL USERS OF THE UTILITIES. UTILITIES ENCOUNTERED DURING CONSTRUCTION AND/OR EXCAVATION OPERATIONS SHALL BE SUPPORTED A.O.B.E. AND IN ACCORDANCE WITH THE UTILITY COMPANIES REQUIREMENTS, REGULATIONS, AND THE SPECIAL NOTE IN THE CONTRACT DOCUMENTS TITLED "EXCAVATION PROTECTION SYSTEMS". COST FOR SUPPORTING UTILITIES SHALL BE INCLUDED IN ITEMS 552.16000199 AND 552.16000299. NO SEPARATE PAYMENT SHALL BE MADE FOR ANY ADDITIONAL WORK REQUIRED TO AVOID EXISTING UTILITIES TO REMAIN OR NEWLY INSTALLED UTILITIES.
6. ALL PRIVATE UTILITY WORK TO BE PERFORMED BY THE UTILITY COMPANY. EXCEPT AS NOTED ON THE PLANS. UTILITY FACILITIES CONSTRUCTED BY OTHERS ARE SHOWN ON THE PLANS TO AID THE CONTRACTOR IN COORDINATING THE WORK. THE CONTRACTOR SHALL PROVIDE ALL SURVEY AND STAKEOUT AS NECESSARY AND/OR A.O.B.E. FOR THE UTILITY COMPANIES TO CONSTRUCT THEIR FACILITIES AS SHOWN ON THE PLANS, AND AT ELEVATIONS COMPATIBLE WITH ROADWAY AND DRAINAGE IMPROVEMENTS. CHANGES TO UTILITY LOCATIONS MUST BE APPROVED BY THE ENGINEER AND THE COUNTY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE UTILITY COMPANIES RELOCATE THEIR FACILITIES AT THE LOCATIONS SHOWN ON THE PLANS AND AT LOCATIONS THAT WILL NOT CONFLICT WITH OTHER COMPLETED OR FUTURE WORK ON THE PROJECT.
8. PRIOR TO DEMOLITION COMMENCING, EACH DRAIN INLET WITHIN CONTRACT LIMITS SHALL BE TESTED FOR POSITIVE DRAINAGE BY FLOODING THE AREA IN THE PRESENCE OF THE ENGINEER. TESTING DRAINAGE AT NO ADDITIONAL COST TO THE BPCA. CLEARING OF CLOGGED OR DAMAGED DRAINAGE INLETS AND PIPING SHALL BE "AS ORDERED BY ENGINEER" (A.O.B.E.). PAYMENT FOR CLEARING DRAIN PIPING SHALL BE PAID UNDER RESPECTIVE ITEM BID.

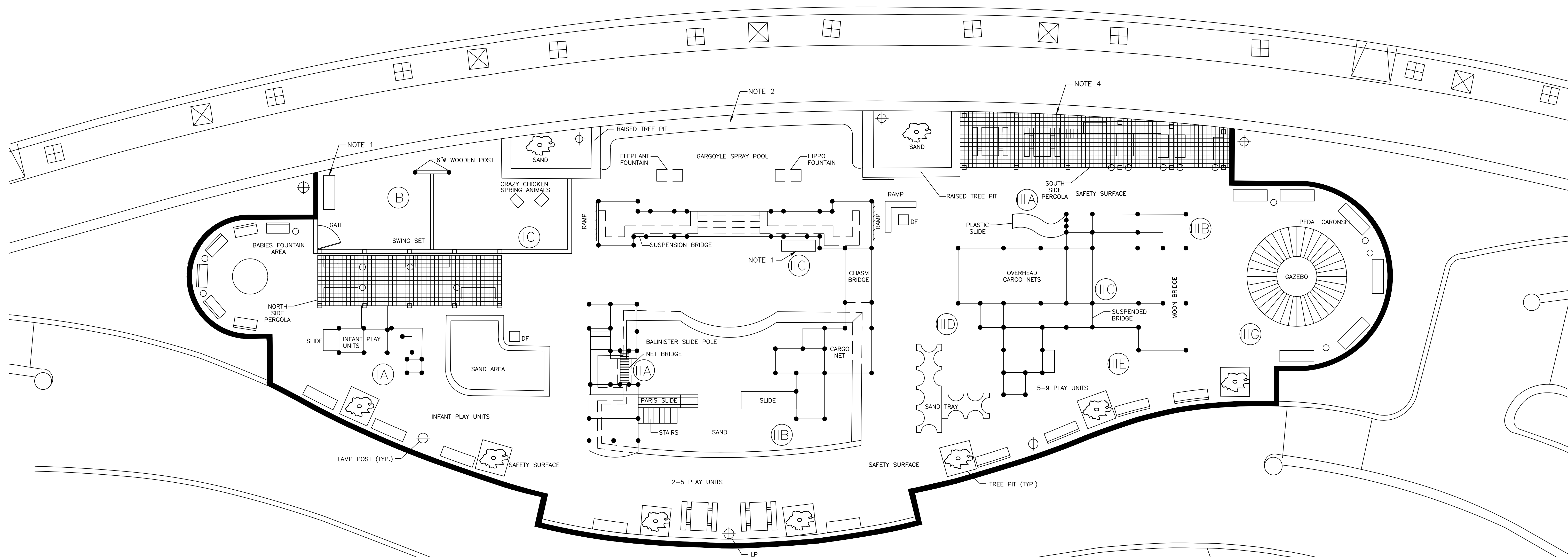
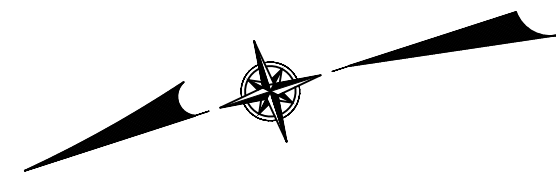
ENVIRONMENTAL NOTES


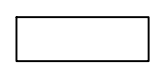
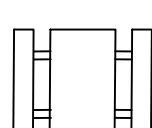
1. PRIOR TO DEMOLITION, EACH DRAIN WITHIN AREA OF SAFETY SURFACE SHALL BE PROTECTED FROM SILT WITH FABRIC WRAPPED COVERS.
2. CONTRACTOR SHALL EMPLOY MEASURES TO PREVENT CONTAMINATION OF THE SITE BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE, CONCRETE LEACHATE OR ANY OTHER POLLUTANT ASSOCIATED WITH THE PROJECT.
3. SILT FENCE OR OTHER SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCES AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
4. TEMPORARY SOIL, EROSION AND WATER POLLUTION CONTROL SHALL BE USED WHERE SHOWN ON THE PLANS AND AS DIRECTED BY THE E.I.C.

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. PRIOR TO DEMOLITION, EACH DRAIN WITHIN AREA OF SAFETY SURFACE SHALL BE PROTECTED FROM SILT WITH FABRIC WRAPPED COVERS.
2. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE IMPLEMENTED, INSPECTED, MONITORED, AND MAINTAINED AS SPECIFIED.
3. THE LOCATIONS OF EROSION AND SEDIMENT CONTROL MEASURES, AS INDICATED IN THE CONTRACT DOCUMENTS, MAY REQUIRE FIELD ADJUSTMENTS DEPENDING ON THE SEQUENCE OF CONSTRUCTION ACTIVITIES, CONSTRUCTION METHODS AND/OR ACTUAL FIELD CONDITIONS.
4. THE ENGINEER IN CHARGE SHALL BE NOTIFIED OF ANY SIGNIFICANT CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS.
5. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE ENGINEER IN CHARGE HIS WRITTEN SCHEDULE AND PROPOSED MEASURES FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK AND SCHEDULE OF OPERATIONS AS REQUIRED BY SECTION 209 OF THE NYS DOT STANDARD SPECIFICATIONS.
6. REFER TO NYS DOT STANDARD SHEETS 209-1 THRU 209-7 FOR SOIL EROSION AND SEDIMENT CONTROL DETAILS.
7. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO ADJACENT ROADWAYS. WHEN WASHING IF REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
8. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO ANY WATERS, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS.
9. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WHICH ARE PRONE TO BLOWING FROM THE WIND WILL BE COVERED BY A TARPULIN.
10. SILT FENCING MUST BE INSTALLED PARALLEL TO EXISTING CONTOURS OR CONSTRUCTED IN LEVEL ALIGNMENTS. ENDS OF FENCING MUST BE EXTENDED 10 FT., TRAVELING UPSLOPE AT 45 DEGREES TO THE ALIGNMENT OF THE MAIN FENCING SECTION.
11. WHERE SILT FENCE IS USED IN AREAS OF CONCENTRATED FLOW, THE ENGINEER IN CHARGE MAY CALL FOR BACKING THE SILT FENCE WITH STRAW BALES. AN APPROVED GEOTEXTILE OR FILTER FENCE MAY BE SUBSTITUTED FOR STRAW BALES AT NO ADDITIONAL COST. GEOTEXTILE SHALL SATISFY THE REQUIREMENTS OF SECTION 207-2 OF THE STANDARD SPECIFICATIONS.
12. CONTROL MEASURES SHALL BE USED AS NECESSARY AND SHALL FOLLOW DITCH EXCAVATING OPERATIONS. THEY SHALL REMAIN IN PLACE UNTIL THE NEW SLOPES HAVE BEEN STABILIZED BY SEEDING, MULCH AND OR SLOPE PROTECTION IN ACCORDANCE WITH SECTION 209 OF THE NYS DOT STANDARD SPECIFICATIONS.
13. IF CONSTRUCTION ACTIVITIES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCE BEFORE FINAL GRADING IS COMPLETE, THEN TEMPORARY GRADING SHALL INCLUDE TEMPORARY SEEDING AND MULCH (ITEM 209.1003) THAT WILL BE STABILIZED WITHIN 7 DAYS OF EXPOSURE. MULCH SHALL BE MAINTAINED UNTIL SUITABLE VEGETATIVE COVER IS ESTABLISHED. THIS PAY ITEM IS ESTIMATED AND THE QUANTITY MAY VARY BASED ON ACTUAL CONSTRUCTION CONDITIONS.
14. CONTAIN ANY TEMPORARY STOCKPILES OF TOPSOIL, OR FILL, WITH SILT FENCES AS SHOWN IN THE SILT FENCE DETAIL IN THE NYS DOT STANDARD SHEETS AND STANDARD SPECIFICATIONS. PILES EXPOSED FOR LONGER THAN TWO WEEKS SHALL BE STABILIZED BY SEEDING, MULCH AND/OR SLOPE PROTECTION IN ACCORDANCE WITH SECTION 209 OF THE NYS DOT STANDARD SPECIFICATIONS.
15. ALL METHODS AND EQUIPMENT PROPOSED BY THE CONTRACTOR TO ACCOMPLISH THE WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER IN CHARGE.
16. AT THE COMPLETION OF CONSTRUCTION AND PERMANENT SOIL STABILIZATION, SEDIMENT SHALL BE REMOVED FROM NEW DRAINAGE PIPES, DRAINAGE STRUCTURES, AND CHECK DAMS. THE COST FOR SEDIMENT REMOVAL SHALL BE INCLUDED IN THE COST BID FOR THE EROSION CONTROL ITEMS.
17. THE LOCATION OF EROSION AND SEDIMENT CONTROL MEASURES, AS INDICATED IN THE CONTRACT DOCUMENTS, MAY REQUIRE FIELD ADJUSTMENTS DEPENDING ON THE SEQUENCE OF CONSTRUCTION ACTIVITIES, CONSTRUCTION METHODS AND/OR ACTUAL FIELD CONDITIONS. NO MODIFICATIONS WILL BE MADE WITHOUT THE APPROVAL OF THE ENGINEER.
18. THE SIDEWALKS MUST BE KEPT CLEAN OF MUD, DIRT, AND OTHER DEBRIS AT ALL TIMES.
19. REFER TO DUST CONTROL REQUIREMENTS IN STANDARD SPECIFICATIONS 203 AND 619.

				UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.				BATTERY PARK CITY AUTHORITY BOROUGH OF MANHATTAN CITY OF NEW YORK ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION		GENERAL NOTES		PROJECT NO. 2017200282.009	SHEET NO. 4 OF 23
				DESIGNED BY MDC	DATE: JULY 2018							DRAWING NO. C-4	
				CHECKED BY CFK	SCALE: AS NOTED								
1	7/5/18	ISSUED FOR BID		CFK									
NO.	DATE	REVISION		INT.									



- LEGEND:**
- EXISTING 4 1/2", 6" OR 8" DIA. POST (TO BE REPLACED)
 - EXISTING 8"x8" POST (TO BE REPLACED)
 -  EXISTING TREE (TO REMAIN)
 - EXISTING HANDRAIL (TO BE PAINTED)
 - EXISTING PRE-CAST SEAT/TABLE (TO BE REPAIRED)
 - DF EXISTING DRINKING FOUNTAIN (TO BE REPLACED)
 -  EXISTING PARK BENCH (TO BE REMOVED & REINSTALLED)
 - ⊕ EXISTING LAMPPOST (TO REMAIN)
 - 4'-10" HT. STEEL PICKET FENCE (TO BE PAINTED)
 -  EXISTING PORTABLE PICNIC TABLE (TO BE REMOVED & REINSTALLED)

- AREA I: INFANT PLAY UNITS
- AREA II: 2-5 PLAY UNITS
- AREA III: 5-9 PLAY UNITS

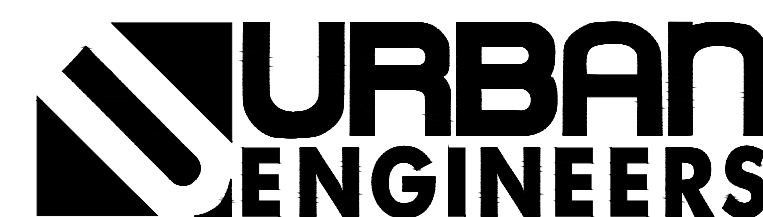
NOTES:

1. REMOVE BENCH AND TURN OVER TO BPCA.
2. RE-POINT EXISTING GRANITE SEAT/WALL AT GARGOYLE SPRAY POOL AREA.
3. FOR CLARITY, PLAY UNITS ARE SHOWN WITHOUT DECKS, STEPS, ENCLOSURE WALLS, ACTIVITY WALLS, RAILS, SIDE POLES, NETS, ROOFS, AND OTHER COMPONENTS. CONTRACTOR SHALL PERFORM THE PRE-CONSTRUCTION INVENTORY TO ACCOUNT FOR ALL COMPONENTS WITHIN LIMITS OF WORK TO BE RECONSTRUCTED UNDER THIS CONTRACT.
4. ENTIRE PERGOLA SHALL BE REPLACED IN-KIND, EXCEPT VERTICAL 1"x1" LATTICE PANEL ALONG SIDEWALK.



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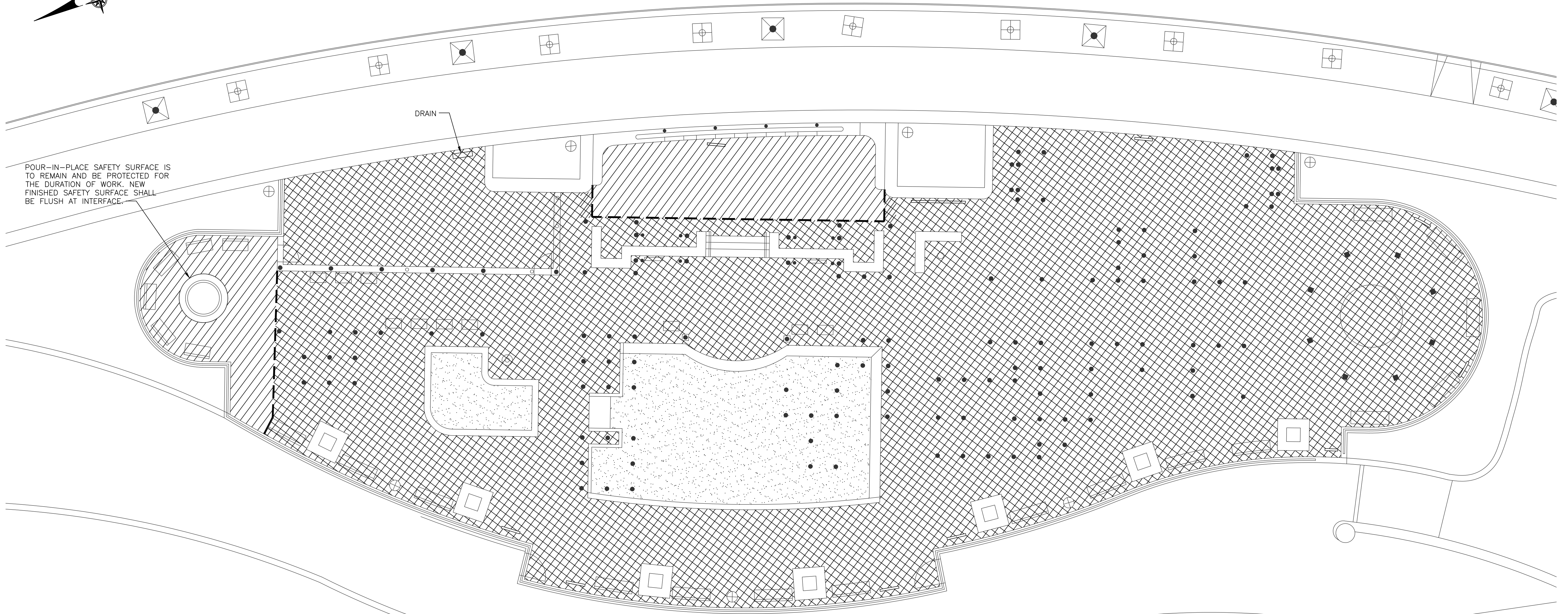
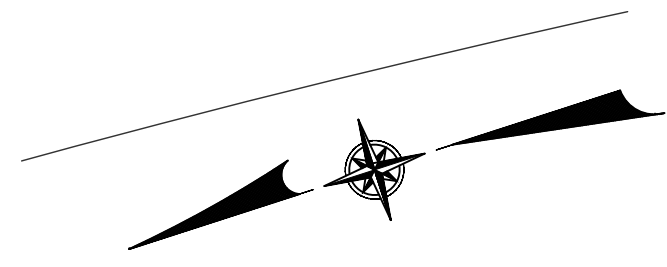
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BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

PLAYGROUND EQUIPMENT PLAN

PROJECT NO.	2017200282.009	SHEET NO.	5 OF 23
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SCALE:	1/8" = 1'-0"		



POUR-IN-PLACE SAFETY SURFACE IS TO REMAIN AND BE PROTECTED FOR THE DURATION OF WORK. NEW FINISHED SAFETY SURFACE SHALL BE FLUSH AT INTERFACE.

DRAIN

DRAIN	
SAWCUT	
NEW NON-POROUS SAFETY SURFACE ON NEW UNDERLAYMENT	
NEW SAND	
NEW NON-POROUS SAFETY SURFACE ON EXISTING UNDERLAYMENT	

NOTES:

1. DRAIN INLETS AND MANHOLES SHALL BE COVERED WITH POROUS TYPE POUR-IN-PLACE SAFETY SURFACE.
2. SAFETY SURFACE ON CURBS AND STEPS SHALL BE REPLACED.



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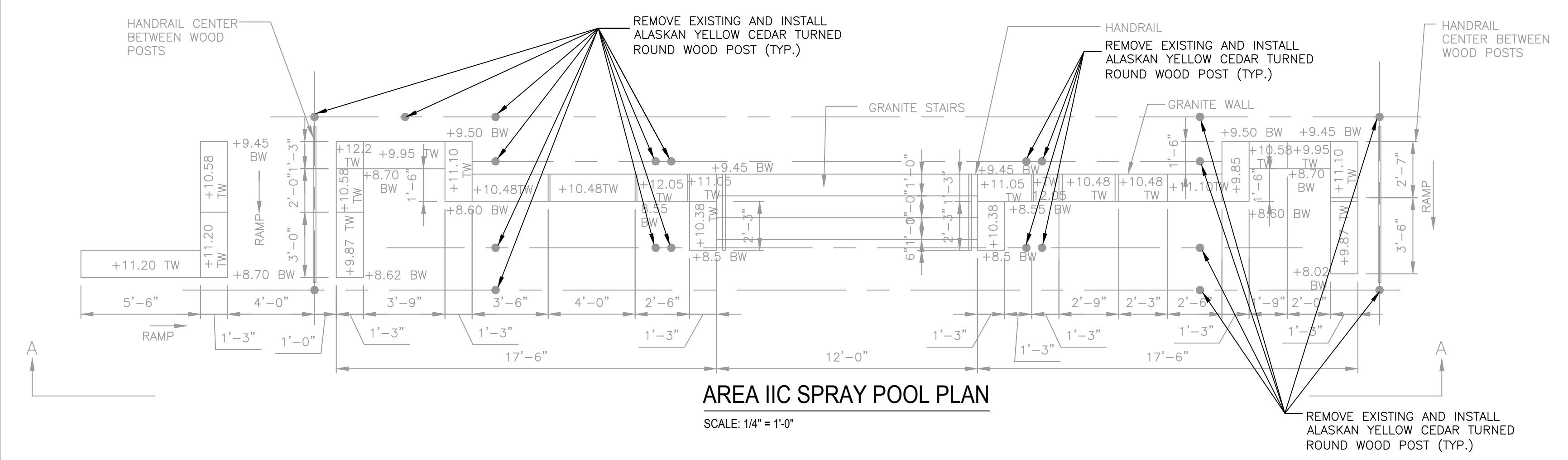
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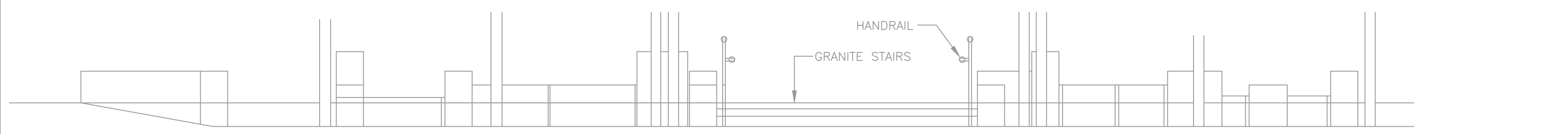
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 BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

SURFACE AREA TYPES AND DRAIN PLAN

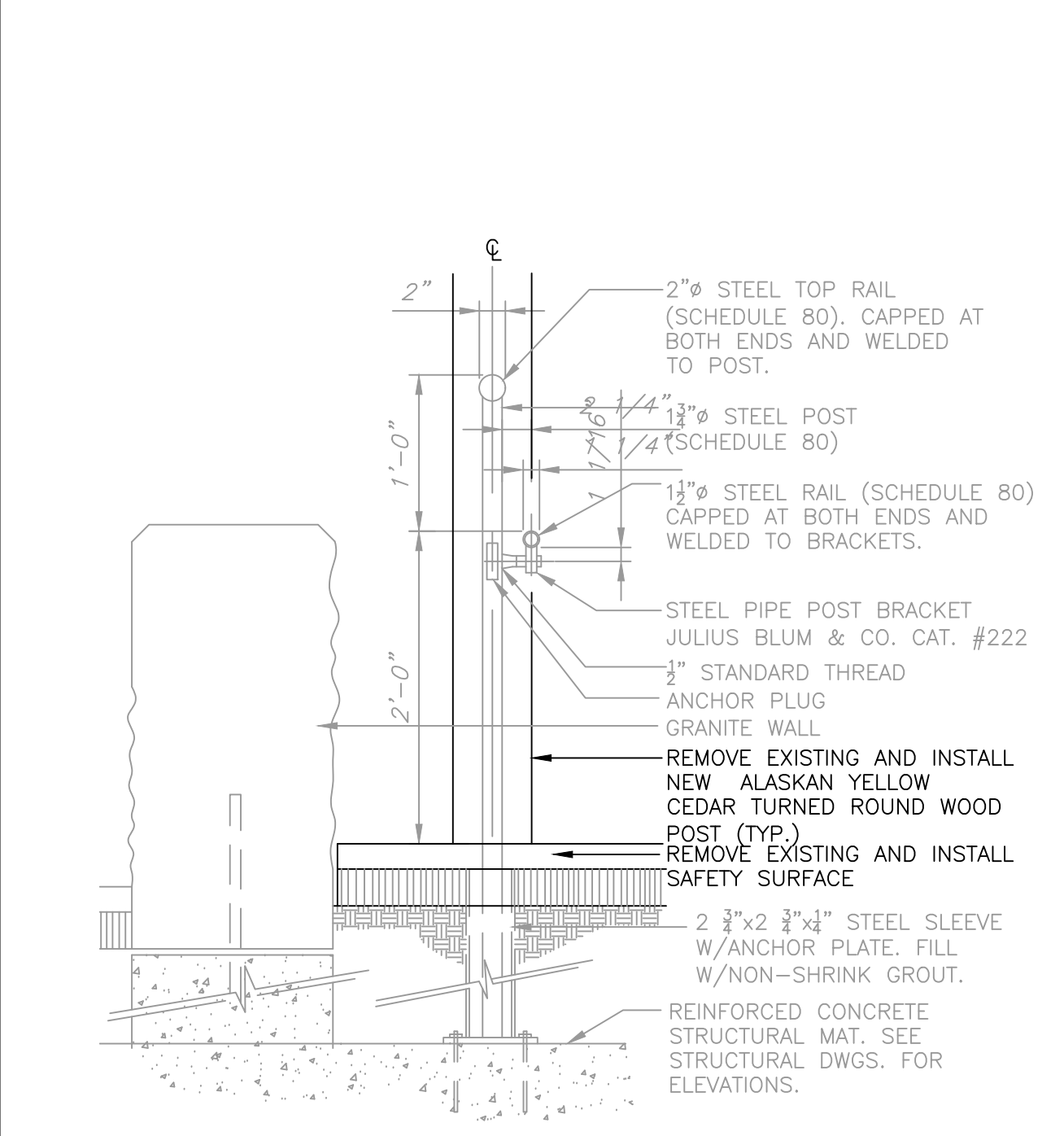
PROJECT NO.	2017200282.009	SHEET NO.	6 OF 23
DATE:	JULY 2018	DRAWING NO.	C-6
SCALE:	1/8" = 1'-0"		



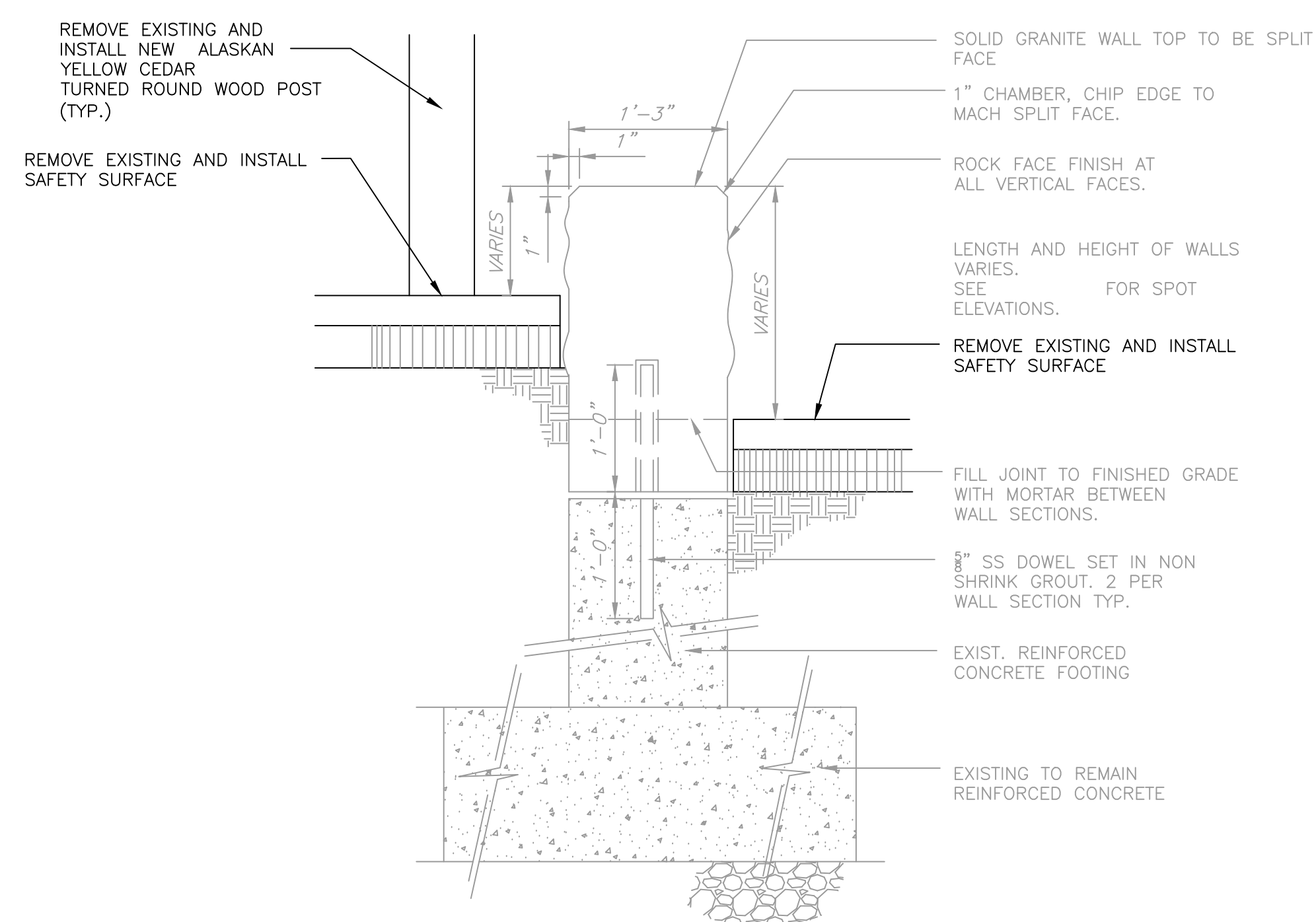
AREA IIC SPRAY POOL PLAN
SCALE: 1/4" = 1'-0"



GRANITE WALL AT SPRAY POOL ELEVATION
SCALE: 1/4" = 1'-0"



TYPE 11 HANDRAIL AT RAMPS AT CHILDREN'S PLAY SECTION
SCALE: 1" = 10'



GRANITE WALL SECTION
SCALE: 1" = 10'

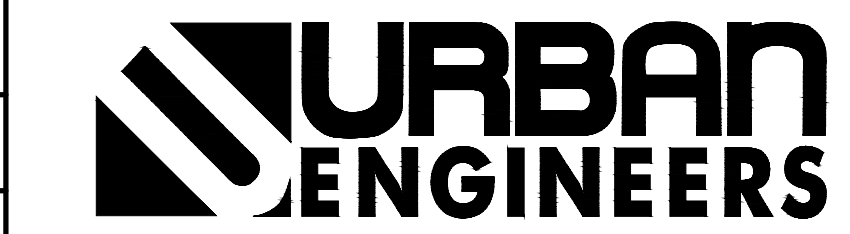
- NOTE:**
- STEEL AND OTHER ELEMENTS OF THE EXISTING PLAYGROUND STRUCTURES, EXCLUDING WOOD, ARE TO BE REMOVED, REFURBISHED, RESTORED, REPAIRED, STORED, REPAINTED AND REINSTALLED IN ACCORDANCE WITH THE CONTRACT WORK ITEMS #4, #10, #14 AND #17 RESPECTIVELY.
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 - EXISTING STEEL SLEEVES WITH BASE PLATES FOR TIMBER POSTS SHALL REMAIN IN-PLACE, AND BE PROTECTED FOR RE-USE. REPLACEMENT OF EXISTING STEEL SLEEVES OR BASE PLATE ANCHOR BOLTS SHALL BE AS ORDERED BY THE ENGINEER UNDER CONTRACT UNIT PRICE ITEMS #1 & #2. COST FOR EXPOSING EXISTING SLEEVES AND BASE PLATES FOR INSPECTION BY THE ENGINEER SHALL BE INCLUDED IN BID PRICE FOR ITEM #8.
 - DRAWINGS OF PLAYGROUND STRUCTURES INCLUDED HEREIN MAY NOT ACCURATELY REFLECT ALL CURRENT CONDITIONS AND ELEMENTS AT THE SITE. THE DETAILS HEREIN ARE PROVIDED FOR GENERAL INFORMATION. BID PRICE FOR CONTRACT WORK SHALL BE BASED ON ACTUAL CONDITIONS TO BE DETERMINED UNDER ITEMS #4 AND #5.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW OF CONNECTIONS OF NEW WOOD POSTS TO EXISTING MEMBERS.
 - ALL NEW MEMBERS SHALL BE MECHANICALLY FASTENED TO NEW/EXISTING MEMBERS. EACH CONNECTION SHALL HAVE A MINIMUM OF TWO A307 BOLTS WITH STEEL CONNECTION PLATES OR ANGLES WITH A MINIMUM THICKNESS OF 1/2". CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL OF EACH CONNECTION TYPE.

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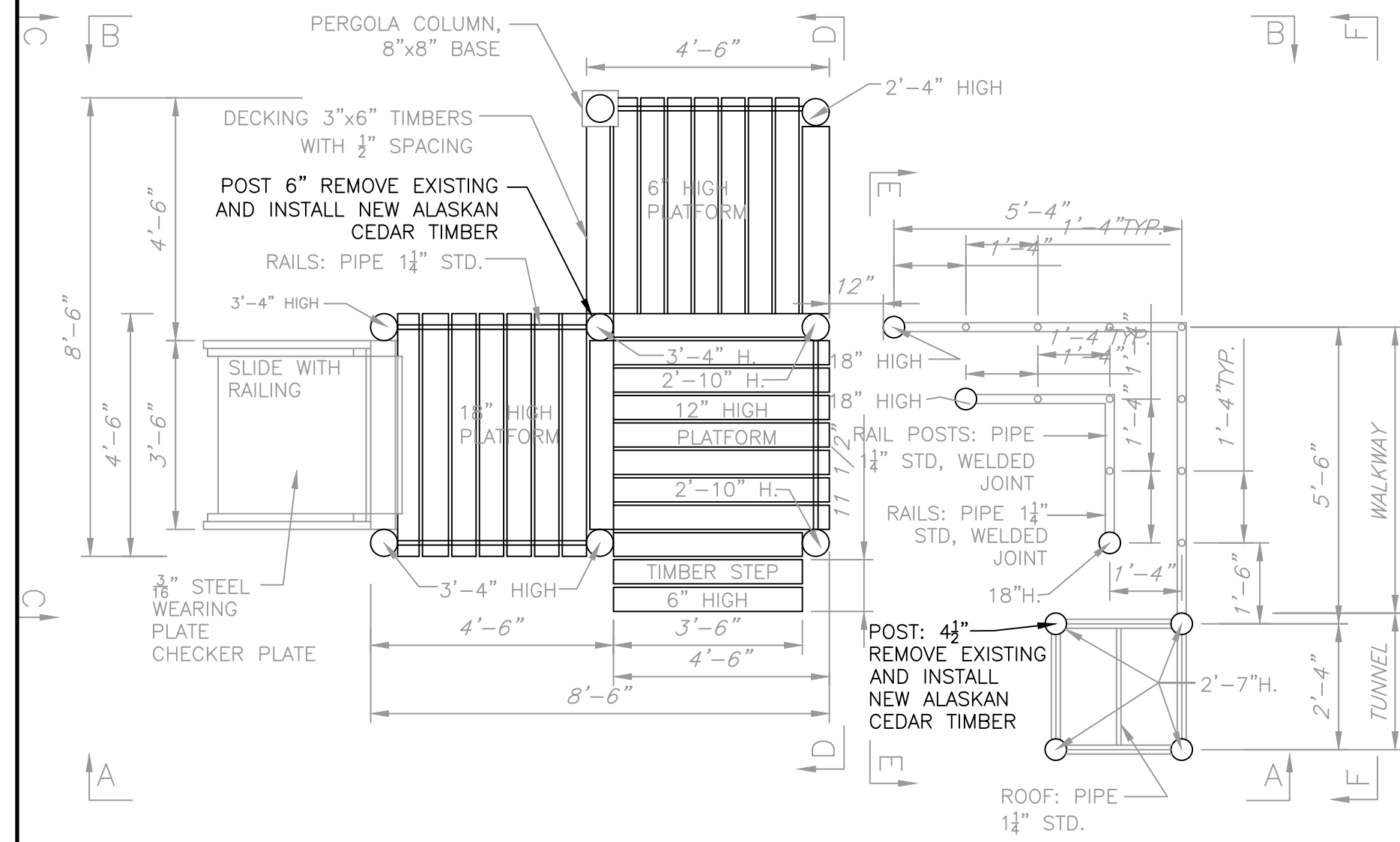
BATTERY PARK CITY AUTHORITY

BOROUGH OF MANHATTAN CITY OF NEW YORK

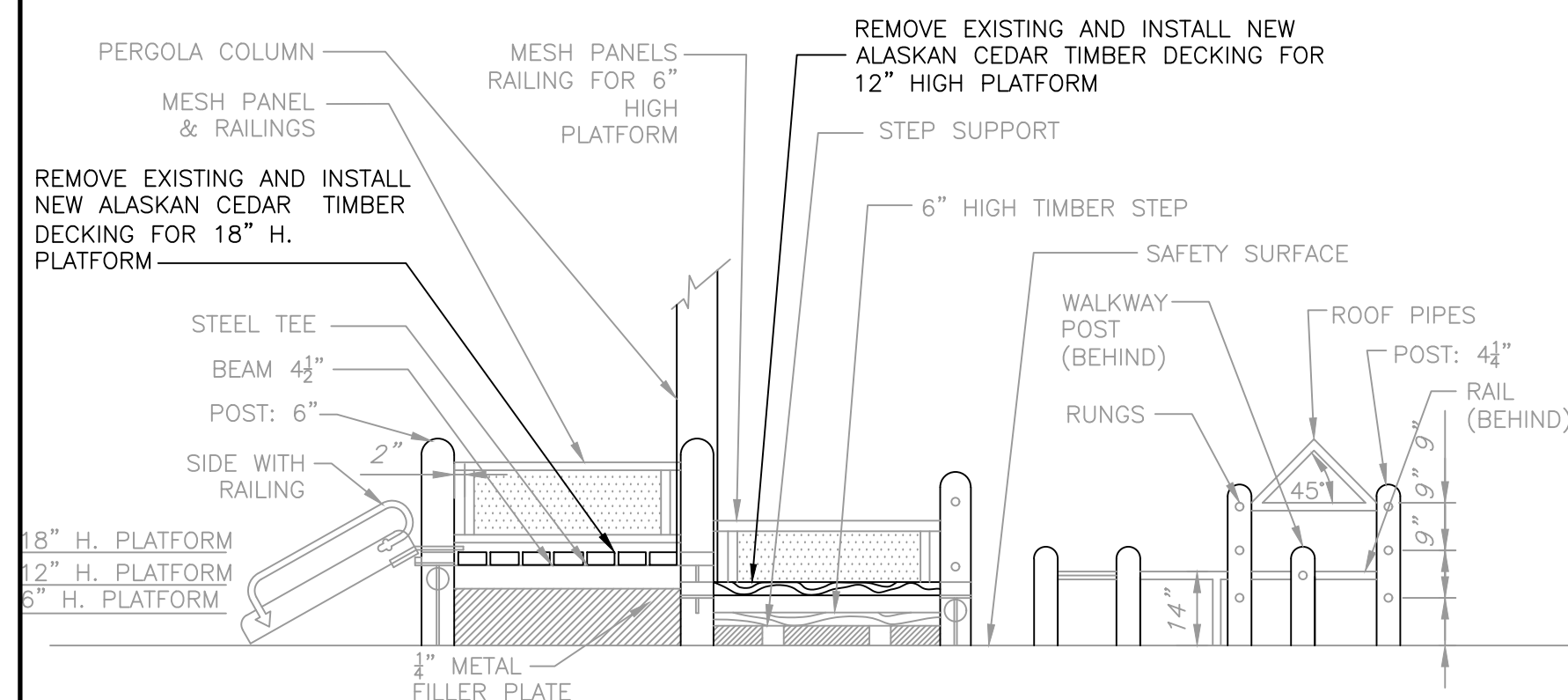
ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION OF SPRAY POOL

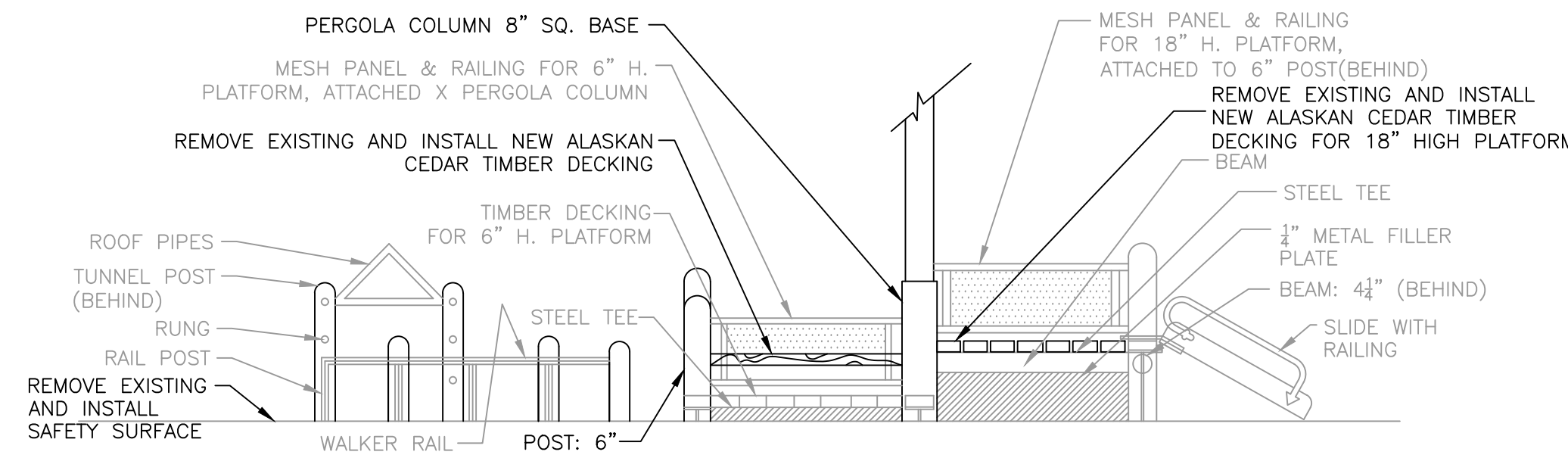
PROJECT NO. 2017200282.009	SHEET NO. 7 OF 23
DATE: JULY 2018	DRAWING NO. C-7
SCALE: AS NOTED	



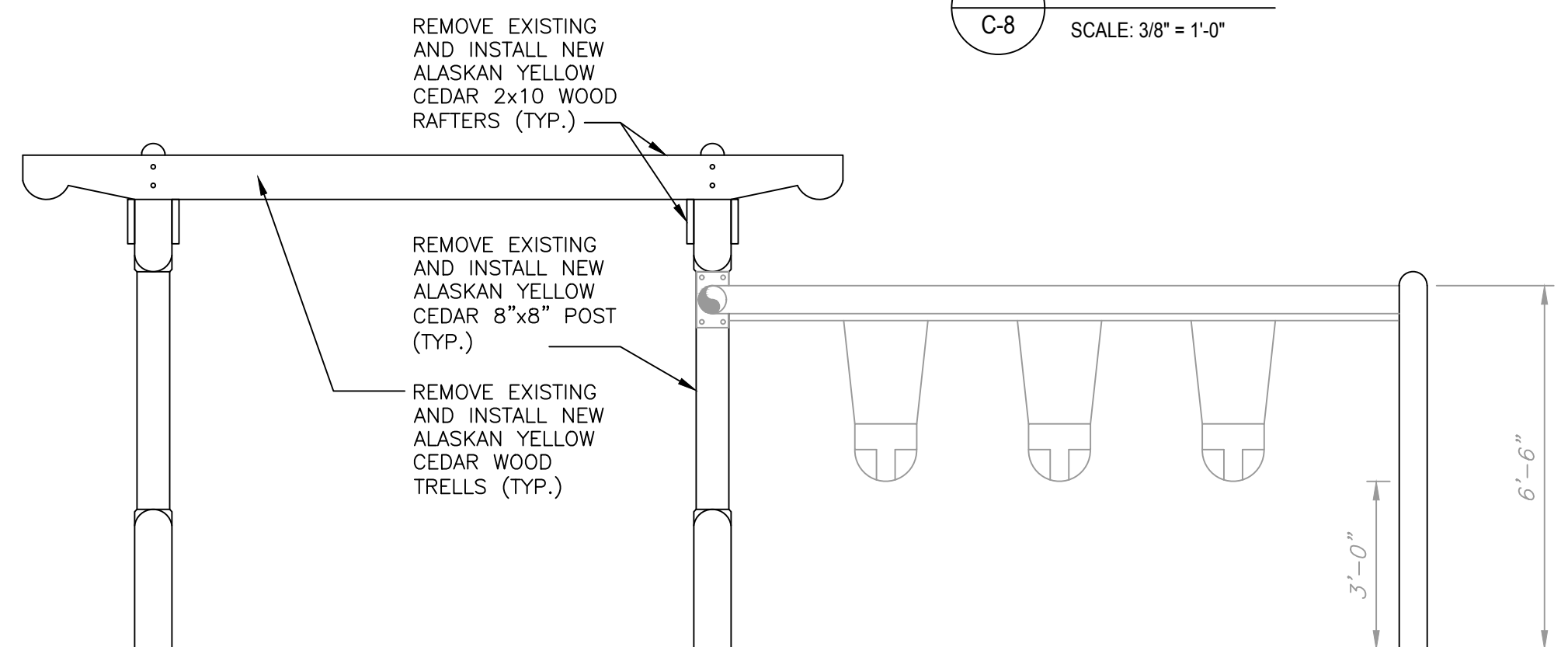
AREA I-A INFANT PLAY UNITS PLAN
SCALE: 3/8" = 1'-0"



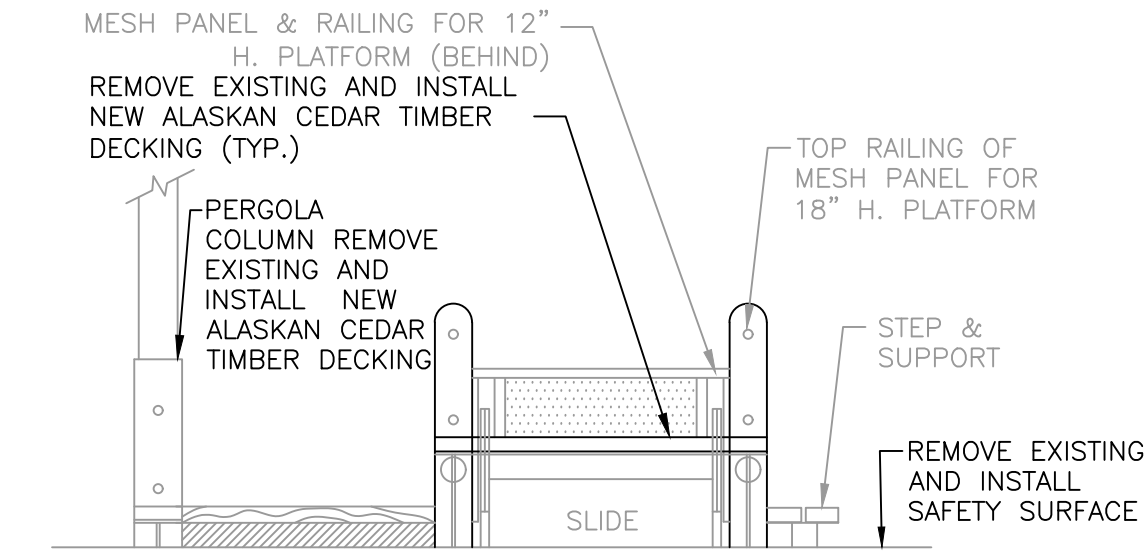
A ELEVATION
C-8 SCALE: 3/8" = 1'-0"



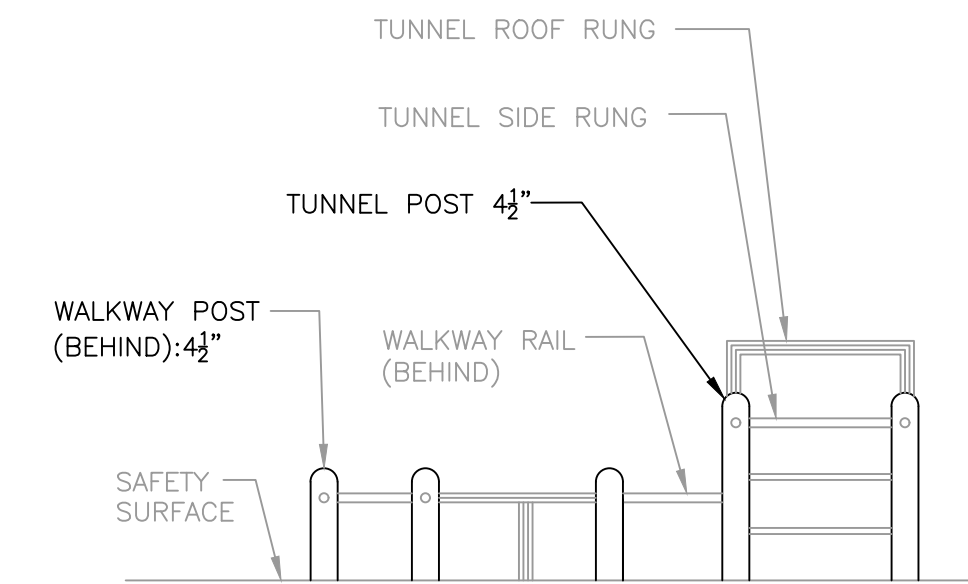
B ELEVATION
C-8 SCALE: 3/8" = 1'-0"



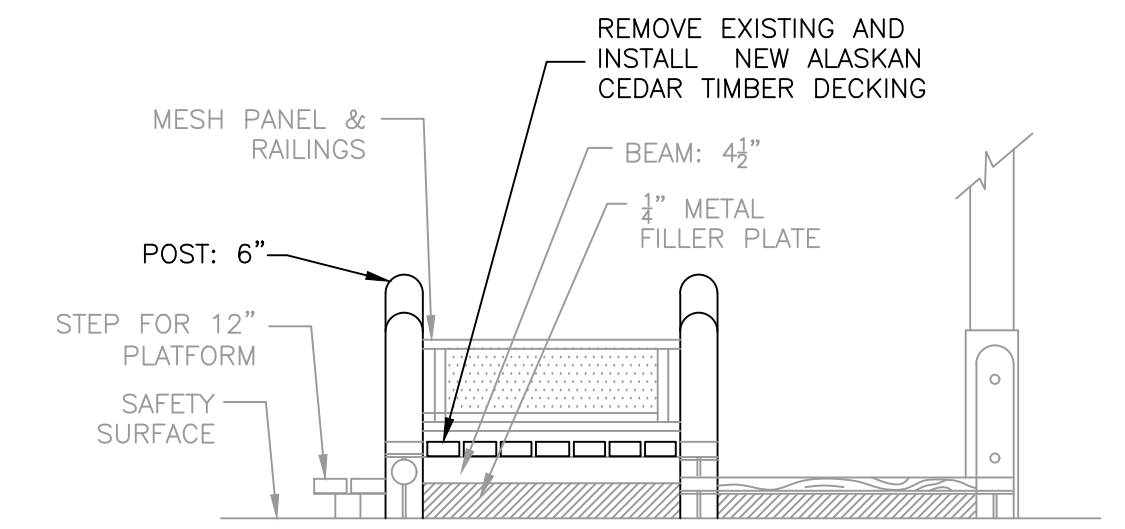
AREA I-B SWING AREA
SCALE: N.T.S.



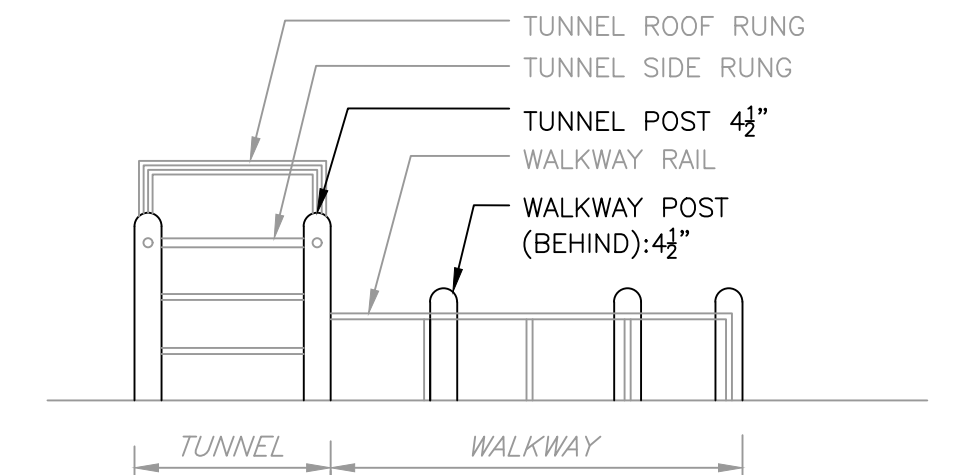
C ELEVATION
C-8 SCALE: 3/8" = 1'-0"



F ELEVATION
C-8 SCALE: 3/8" = 1'-0"



D ELEVATION
C-8 SCALE: 3/8" = 1'-0"

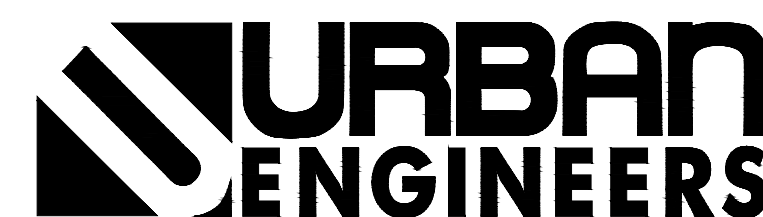


E ELEVATION
C-8 SCALE: 3/8" = 1'-0"

- NOTE:**
- STEEL AND OTHER ELEMENTS OF THE EXISTING PLAYGROUND STRUCTURES, EXCLUDING WOOD, ARE TO BE REMOVED, REFURBISHED, RESTORED, REPAIRED, STORED, REPAINTED AND REINSTALLED IN ACCORDANCE WITH THE CONTRACT WORK ITEMS #4, #10, #14 AND #17 RESPECTIVELY.
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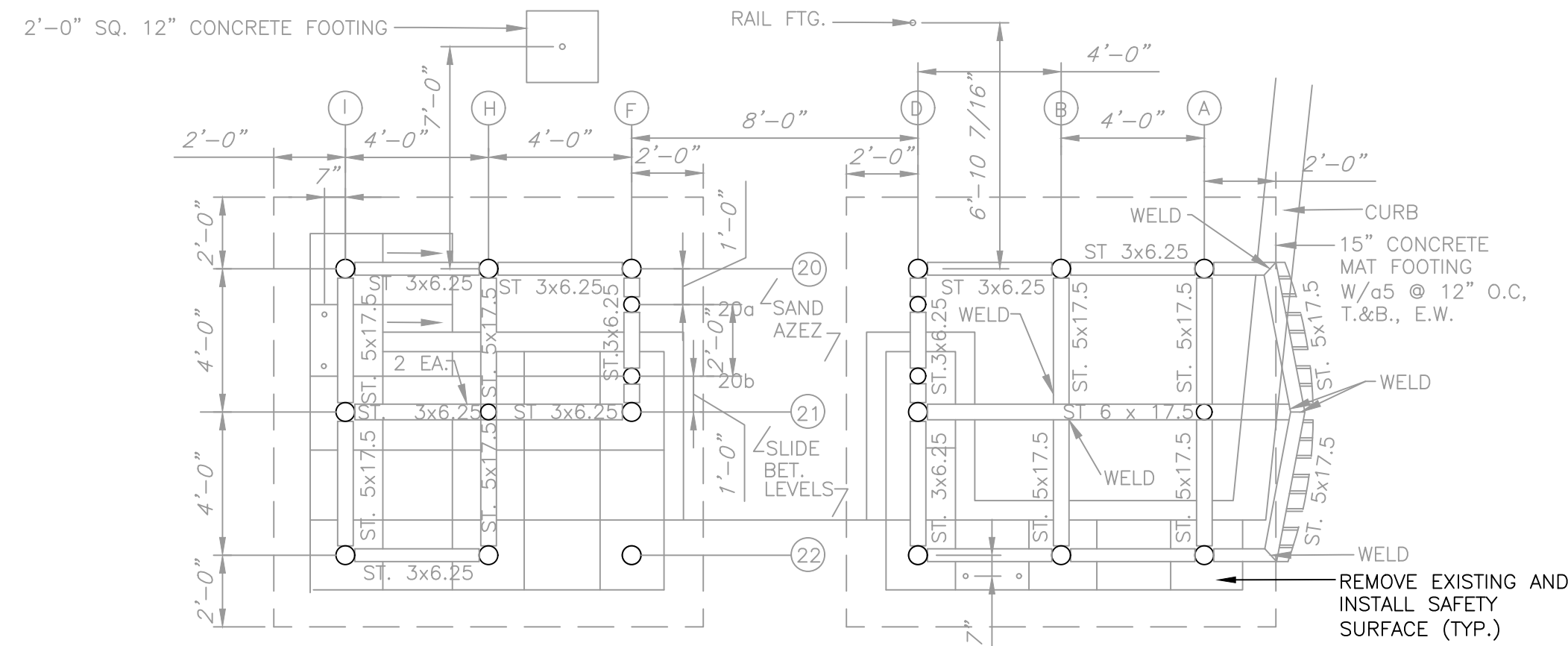
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BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

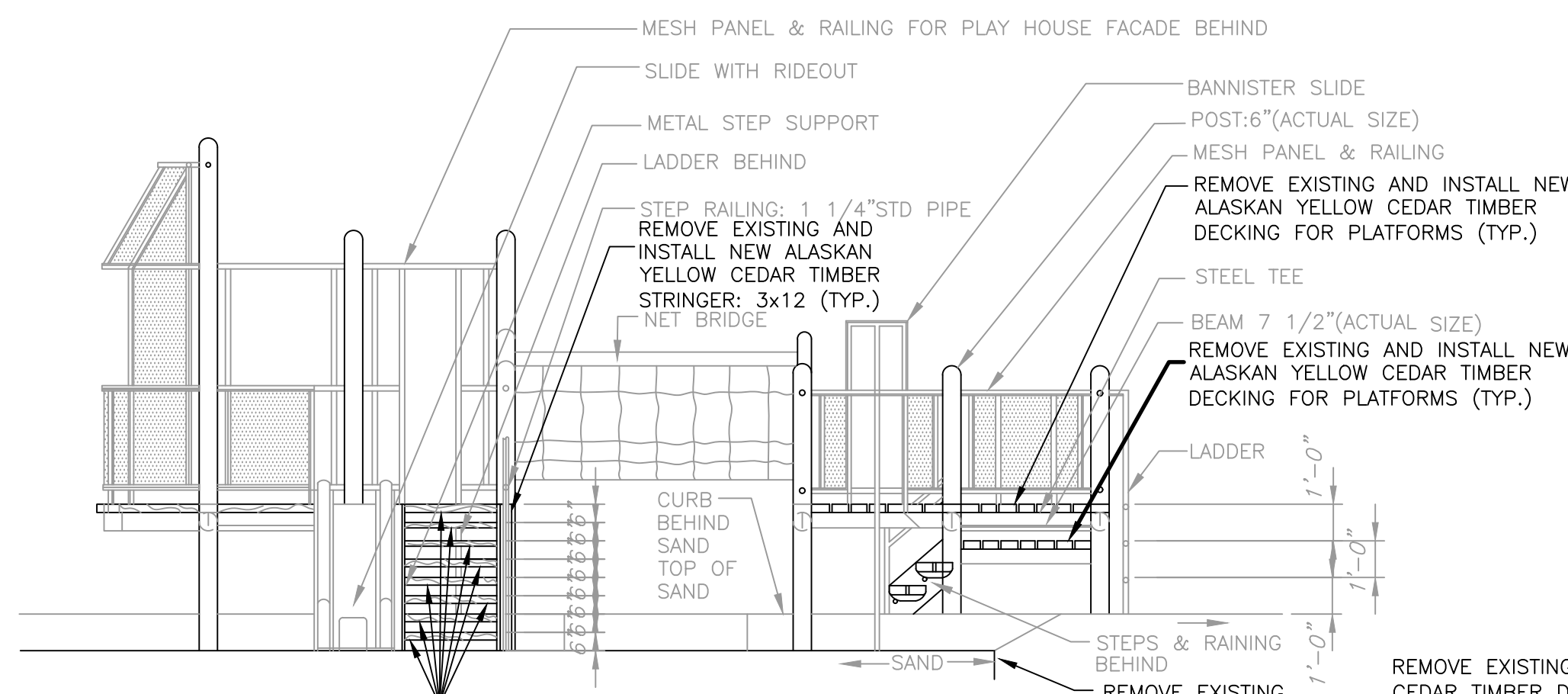
REMOVALS/RECONSTRUCTION FRAMING,
FOOTING AND SWING DETAILS

PROJECT NO.	2017200282.009	SHEET NO.	8 OF 23
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SCALE:	AS NOTED		



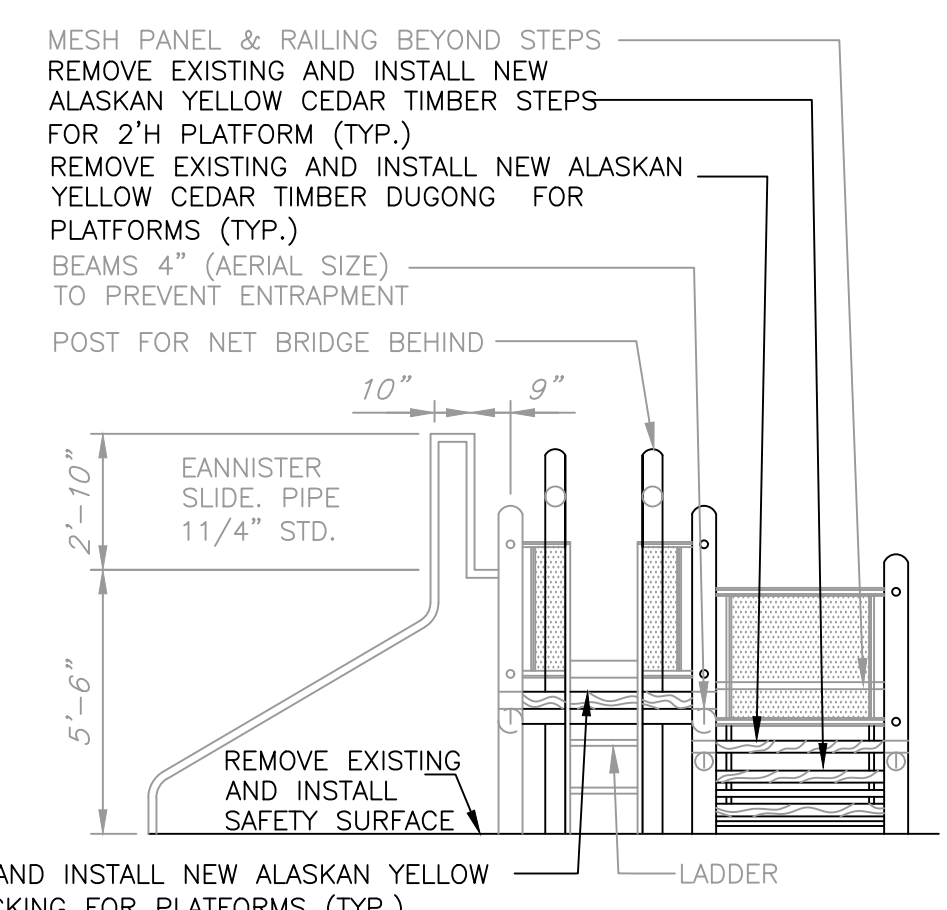
AREA II-A: FRAMING AND FOOTING PLAN

SCALE: 1/4" = 1'-0"



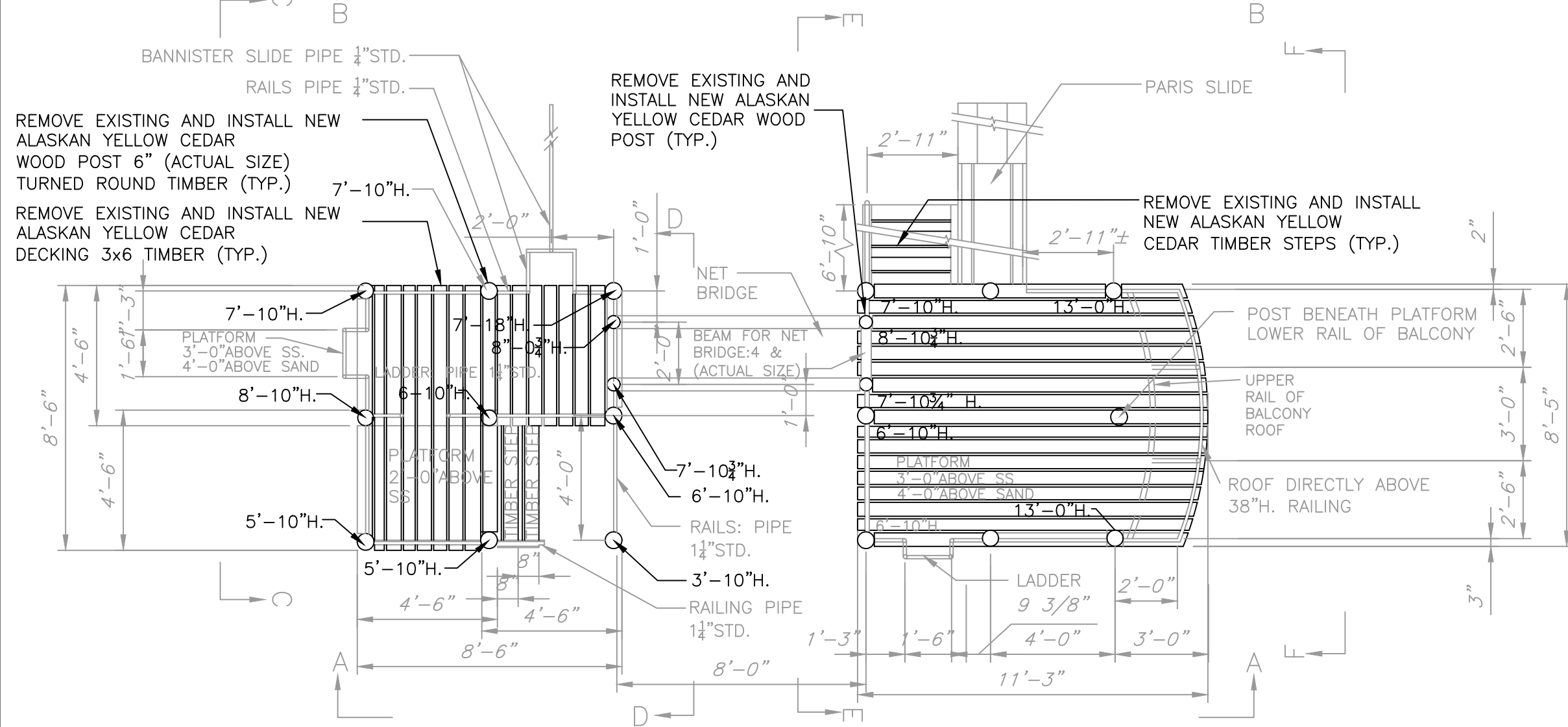
B ELEVATION

SCALE: 1/4" = 1'-0"



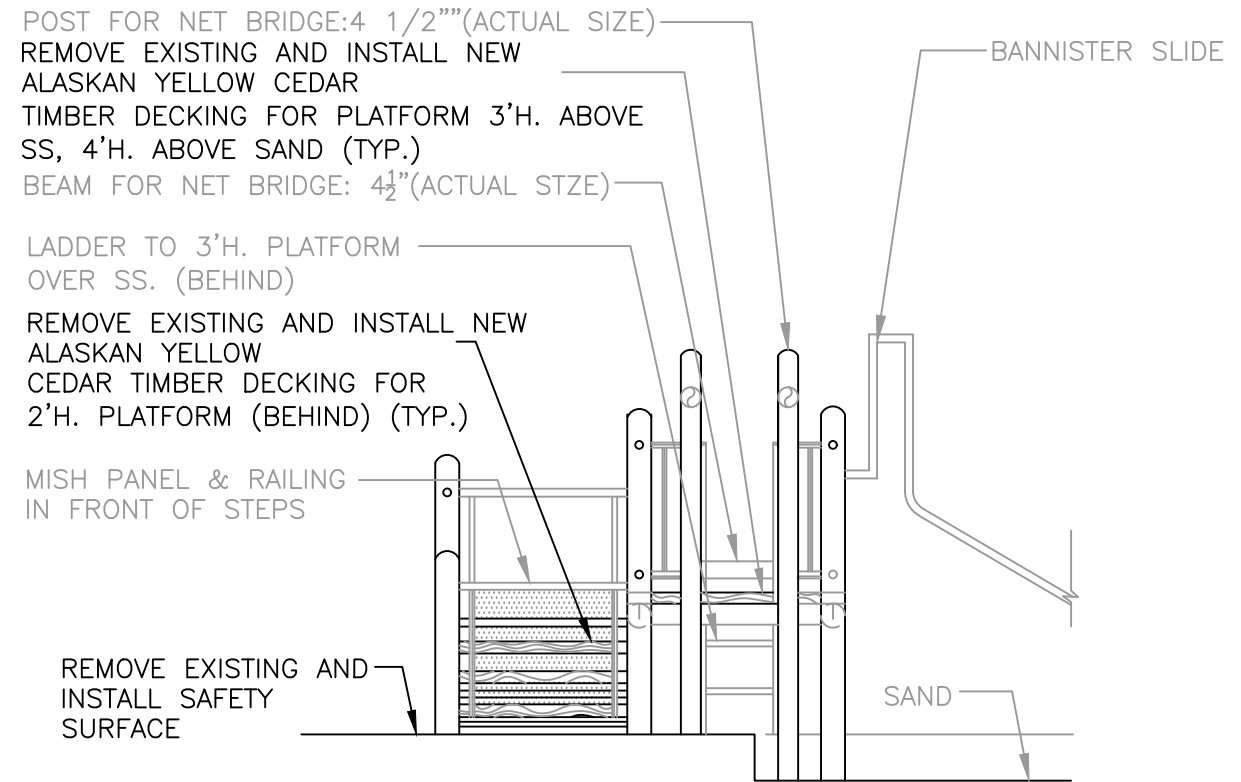
C ELEVATION

SCALE: 1/4" = 1'-0"



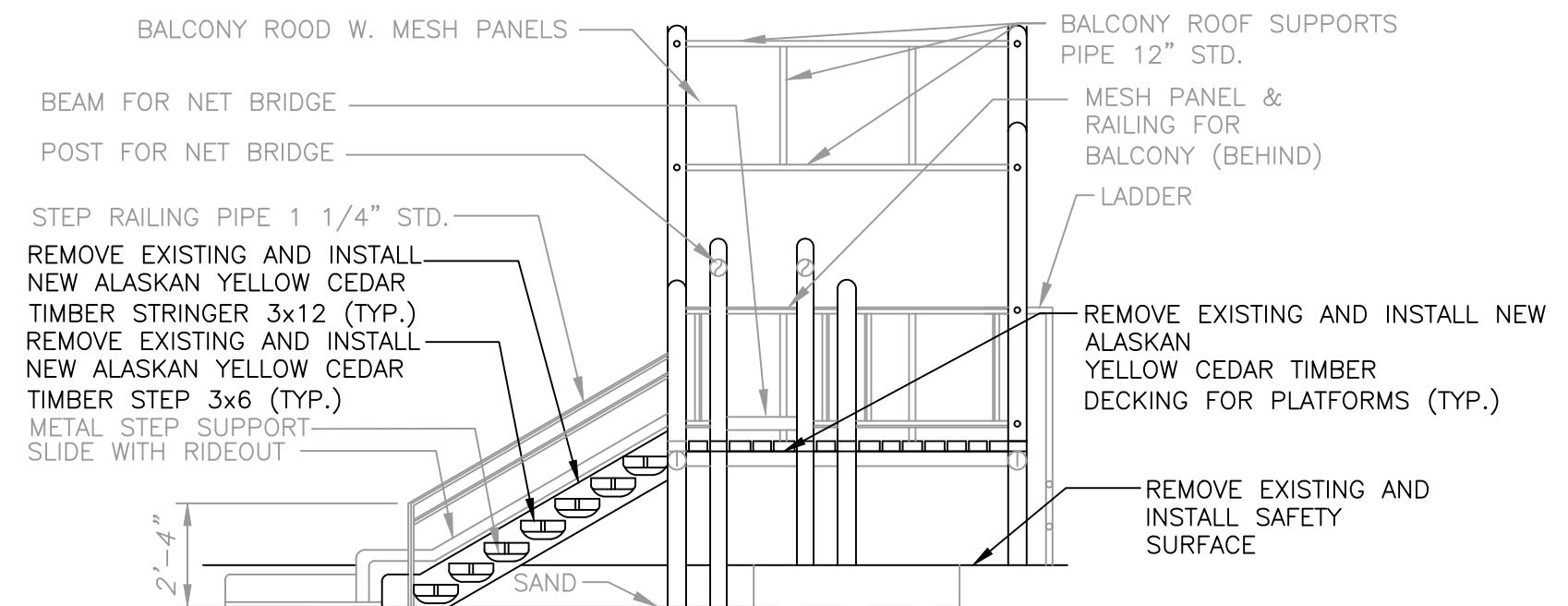
AREA II-A: PRESCHOOL PLAY UNITS PLAN

SCALE: 1/4" = 1'-0"



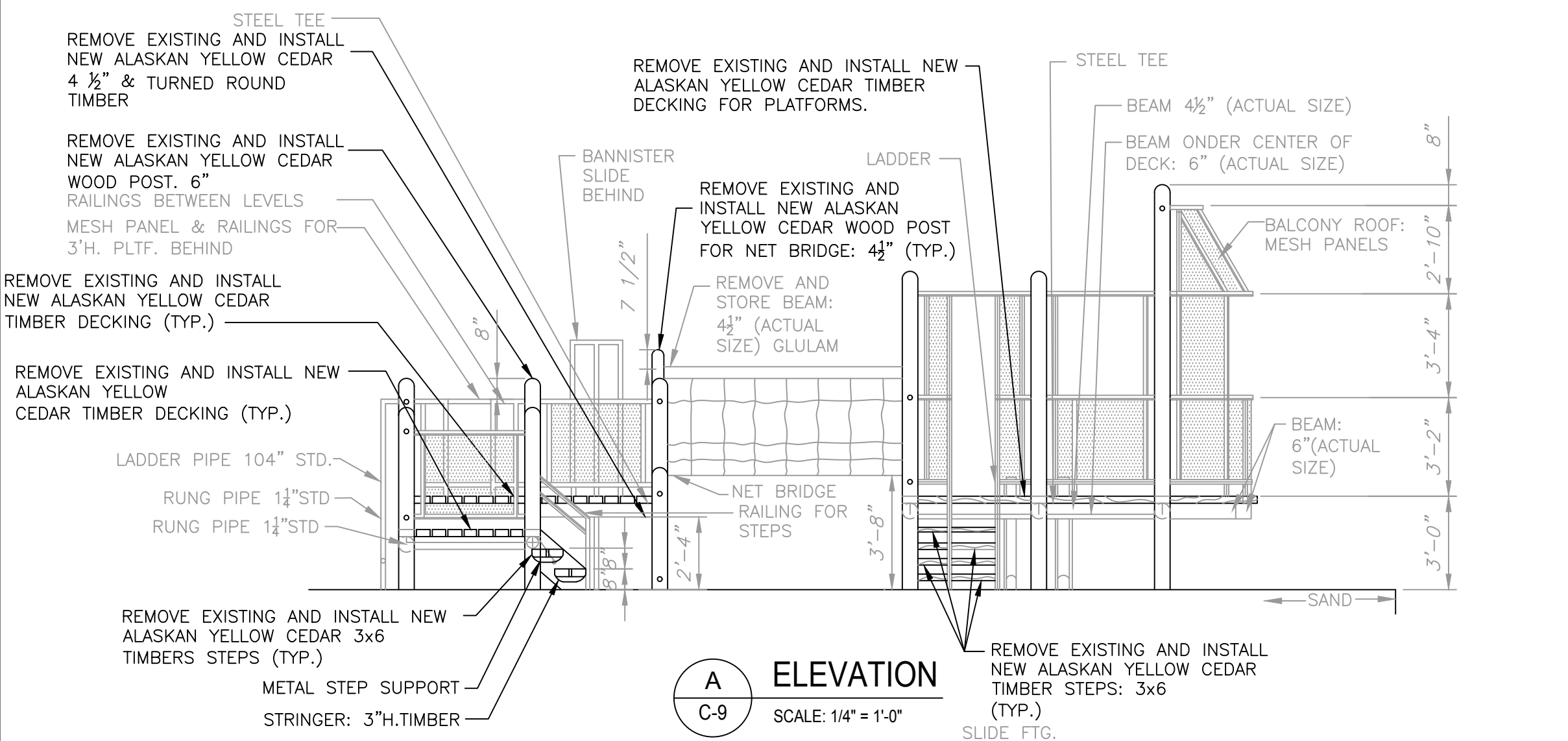
D ELEVATION

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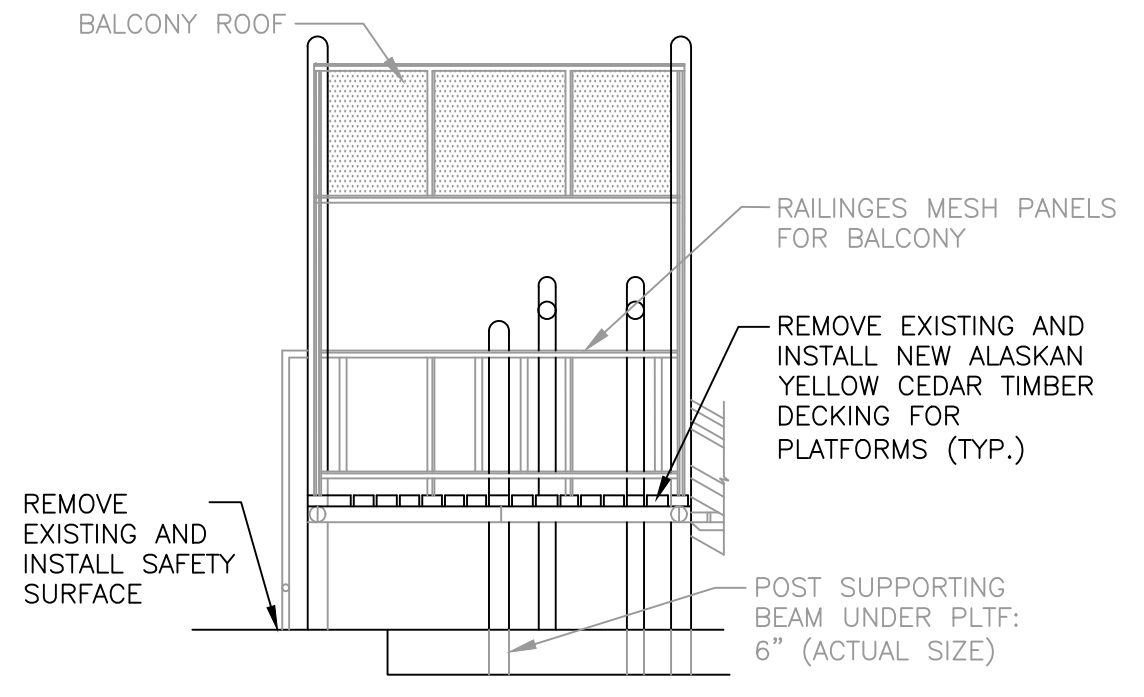
E ELEVATION

SCALE: 1/4" = 1'-0"



A ELEVATION

SCALE: 1/4" = 1'-0"



F ELEVATION

SCALE: 1/4" = 1'-0"

NOTE:

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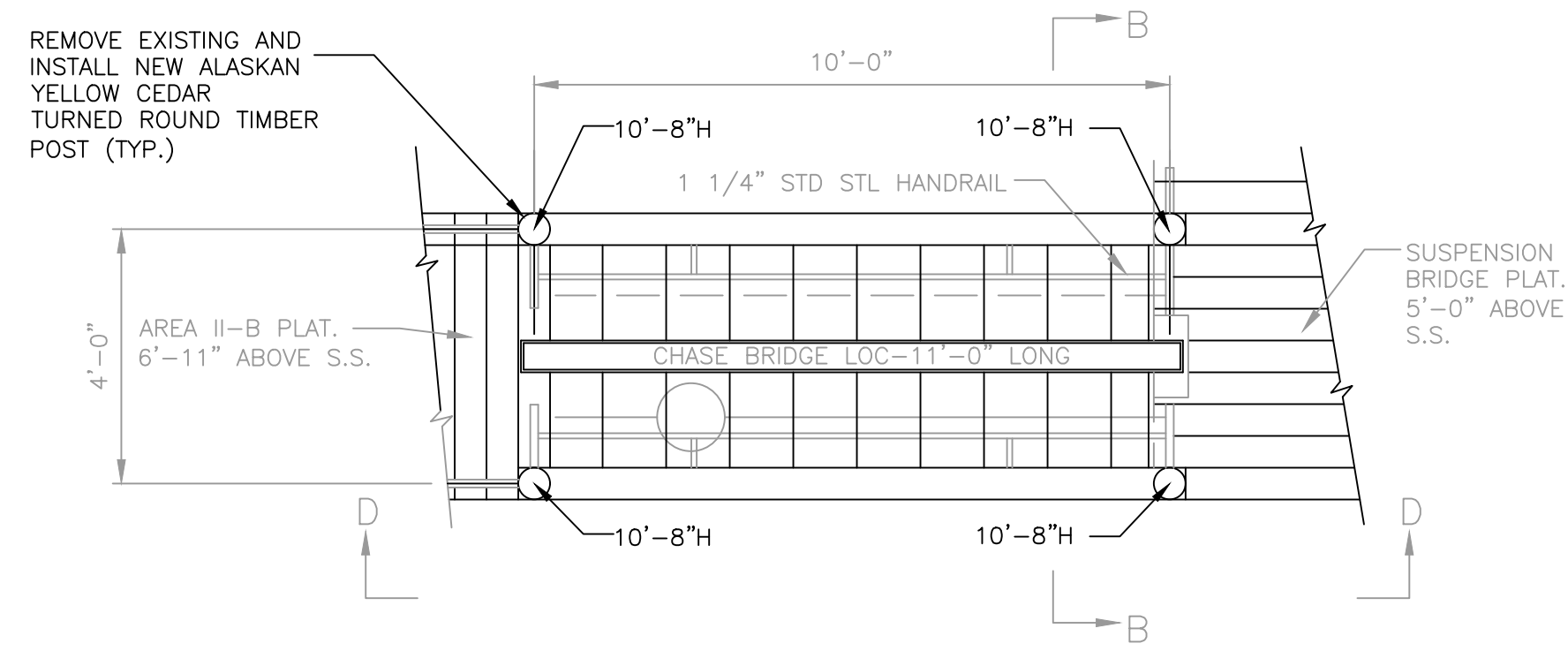
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BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

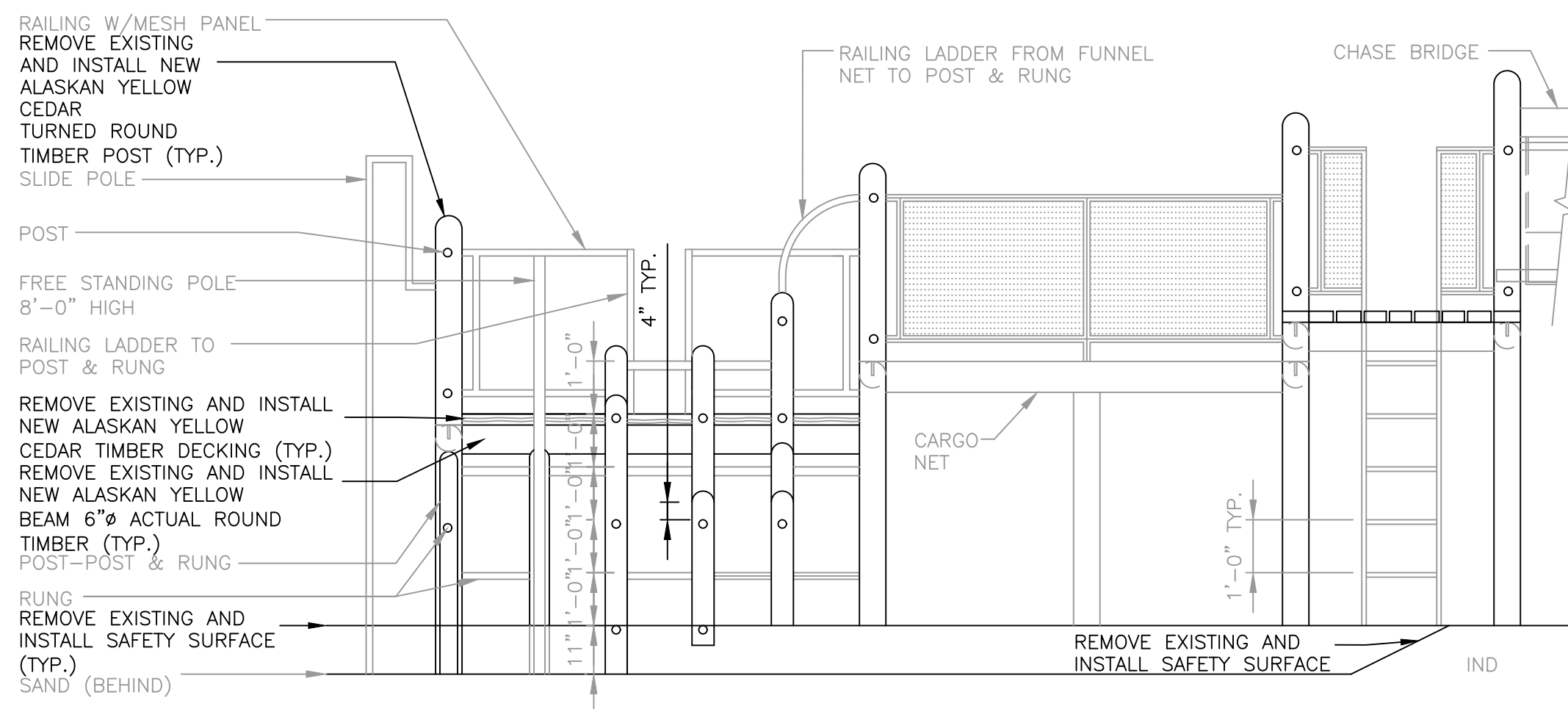
REMOVALS/RECONSTRUCTION
AREA II-A DETAILS

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DATE:	JULY 2018	DRAWING NO.	C-9
SCALE:	AS NOTED		



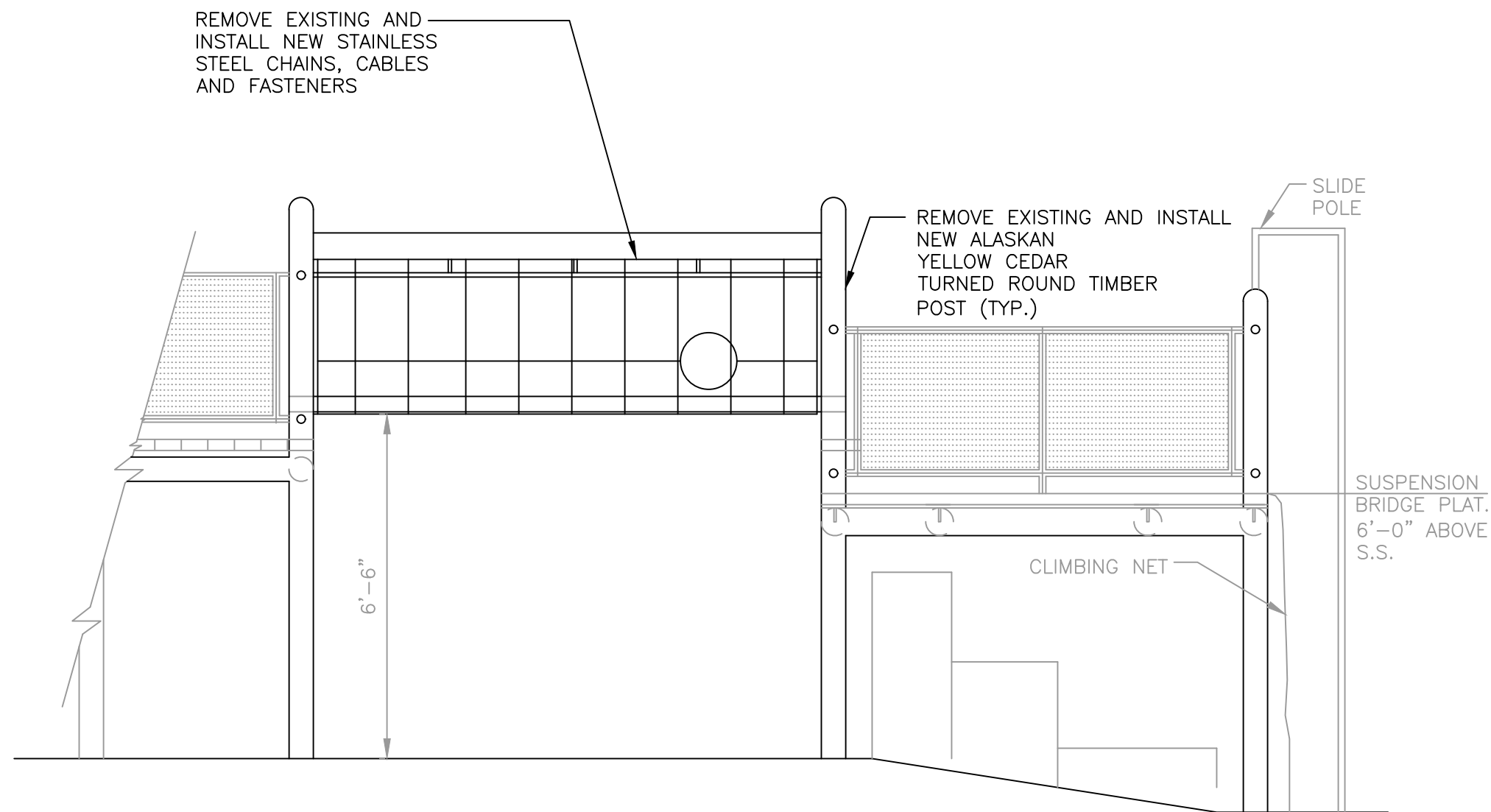
CHASE BRIDGE PLAN

SCALE: 3/8" = 1'-0"



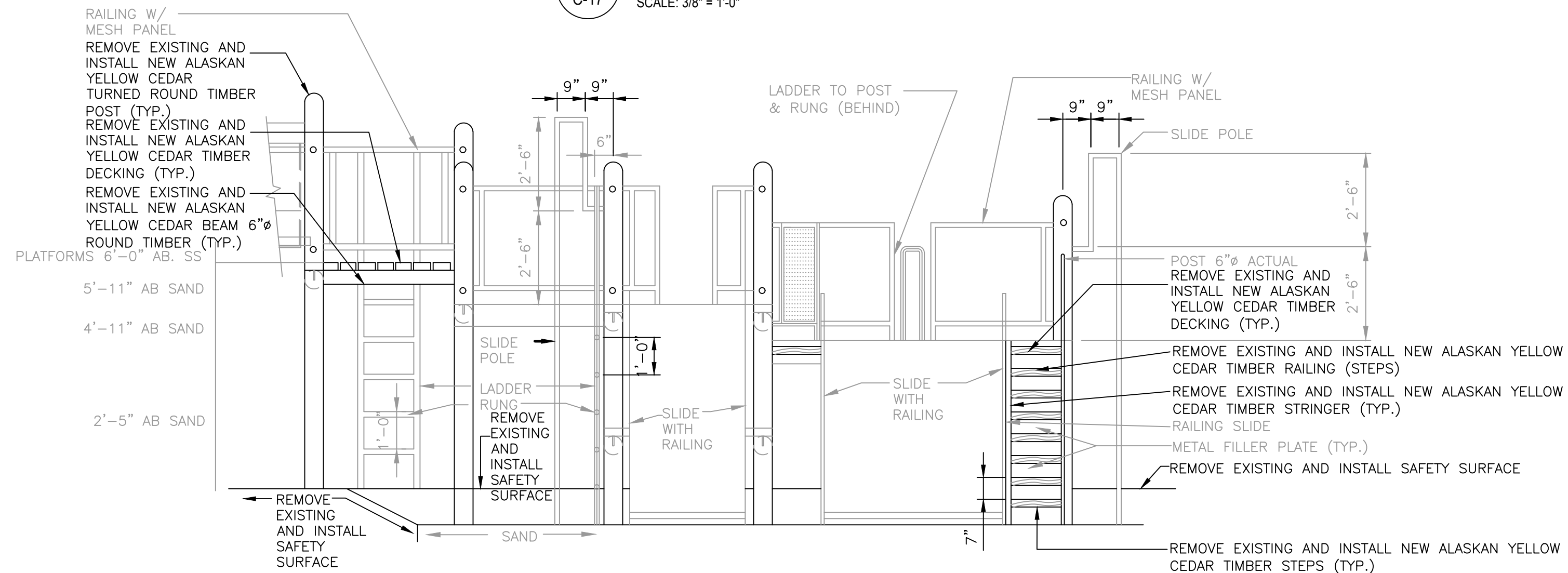
E AREA II-B: ELEVATION

C-17 SCALE: 3/8" = 1'-0"



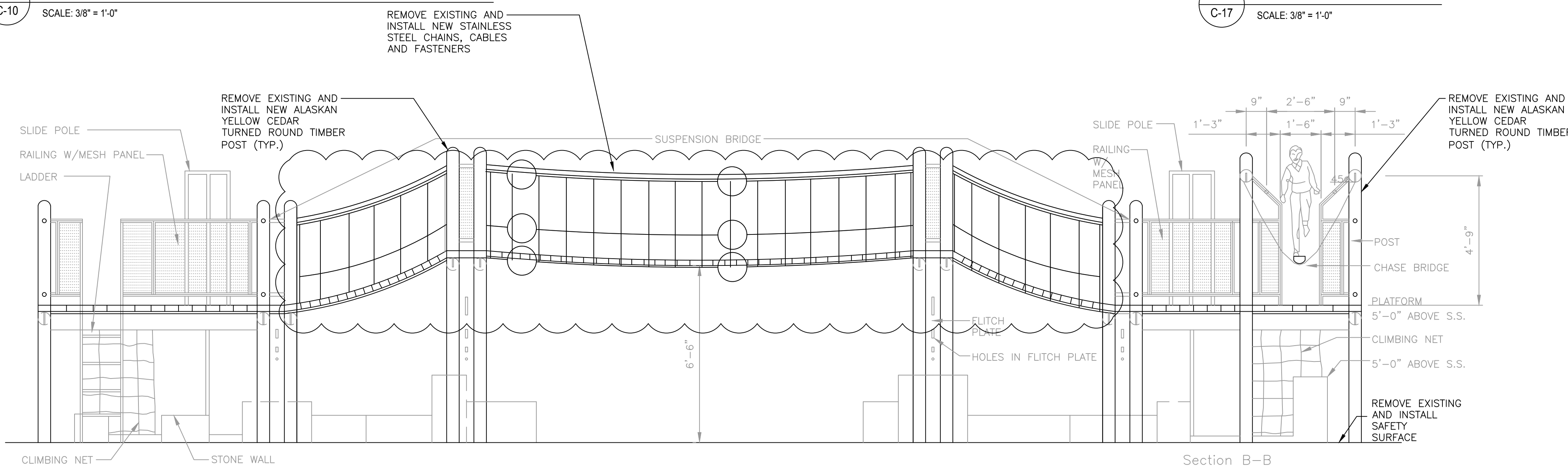
D AREA II-C: CHASE BRIDGE & PLATFORMS ELEVATION

C-10 SCALE: 3/8" = 1'-0"



D AREA II-B: ELEVATION

C-17 SCALE: 3/8" = 1'-0"



B AREA II-C: SUSPENSION BRIDGE & PLATFORMS ELEVATION

C-11 SCALE: 3/8" = 1'-0"

Section B-B

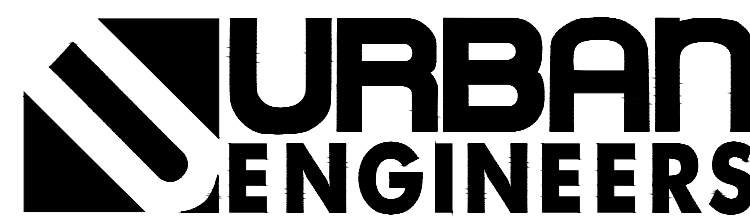
SEE CHASE BRIDGE PLAN, THIS SHEET.

NOTE:

- STEEL AND OTHER ELEMENTS OF THE EXISTING PLAYGROUND STRUCTURES, EXCLUDING WOOD, ARE TO BE REMOVED, REFURBISHED, RESTORED, REPAIRED, STORED, REPAINTED AND REINSTALLED IN ACCORDANCE WITH THE CONTRACT WORK ITEMS #4, #10, #14 AND #17 RESPECTIVELY.
- TIMBER POSTS, BEAMS, DECKING, STEPS, BRIDGE PLANKS, AND OTHER WOODEN ELEMENTS OF THE ENTIRE PLAYGROUND SITE SHALL BE REPLACED IN-KIND IN ACCORDANCE WITH CONTRACT WORK ITEMS #4, #8, #9, #15, AND #16.
- EXISTING STEEL SLEEVES WITH BASE PLATES FOR TIMBER POSTS SHALL REMAIN IN-PLACE, AND BE PROTECTED FOR RE-USE. REPLACEMENT OF EXISTING STEEL SLEEVES OR BASE PLATE ANCHOR BOLTS SHALL BE AS ORDERED BY THE ENGINEER UNDER CONTRACT UNIT PRICE ITEMS #1 & #2. COST FOR EXPOSING EXISTING SLEEVES AND BASE PLATES FOR INSPECTION BY THE ENGINEER SHALL BE INCLUDED IN BID PRICE FOR ITEM #8.
- DRAWINGS OF PLAYGROUND STRUCTURES INCLUDED HEREIN MAY NOT ACCURATELY REFLECT ALL CURRENT CONDITIONS AND ELEMENTS AT THE SITE. THE DETAILS HEREIN ARE PROVIDED FOR GENERAL INFORMATION. BID PRICE FOR CONTRACT WORK SHALL BE BASED ON ACTUAL CONDITIONS TO BE DETERMINED UNDER ITEMS #4 AND #5.
- UPON REINSTALLATION OF SUSPENSION BRIDGE, HEAD CLEARANCE SHALL BE AS SHOWN.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW OF CONNECTIONS OF NEW WOOD POST TO EXISTING MEMBERS
- ALL NEW MEMBERS SHALL BE MECHANICALLY FASTENED TO NEW/EXISTING MEMBERS. EACH CONNECTION SHALL HAVE A MINIMUM OF TWO A307 BOLTS WITH STEEL CONNECTION PLATES OR ANGLES WITH A MINIMUM THICKNESS OF 1/2". CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL OF EACH CONNECTION TYPE.

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

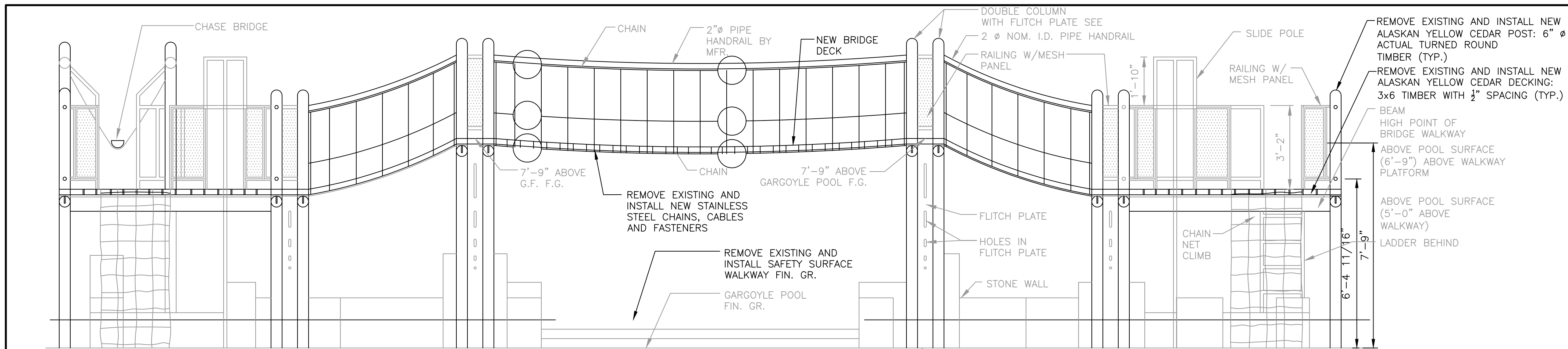
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DESIGNED BY	MDC
CHECKED BY	CFK



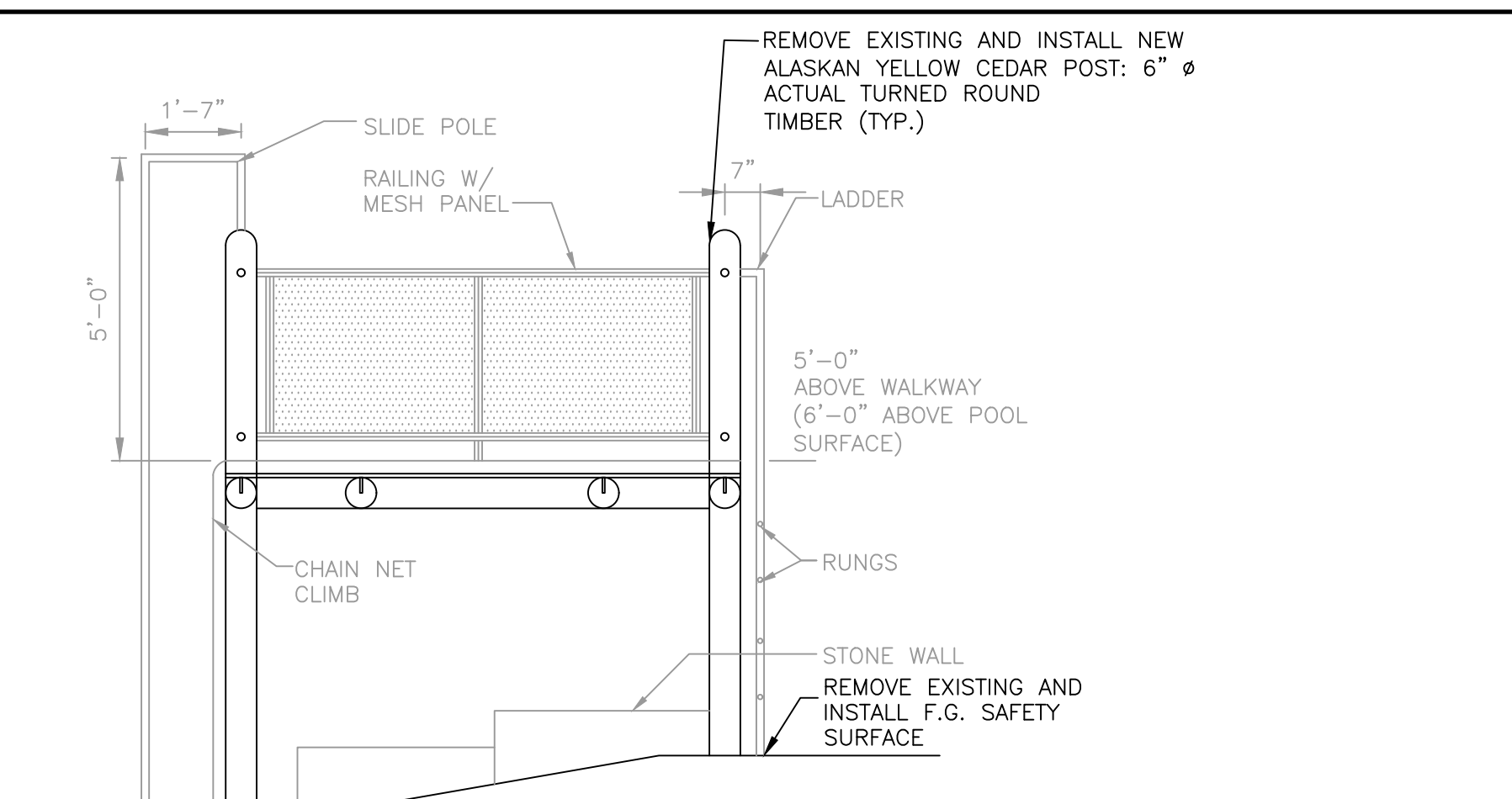
BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION
AREA II-B DETAILS

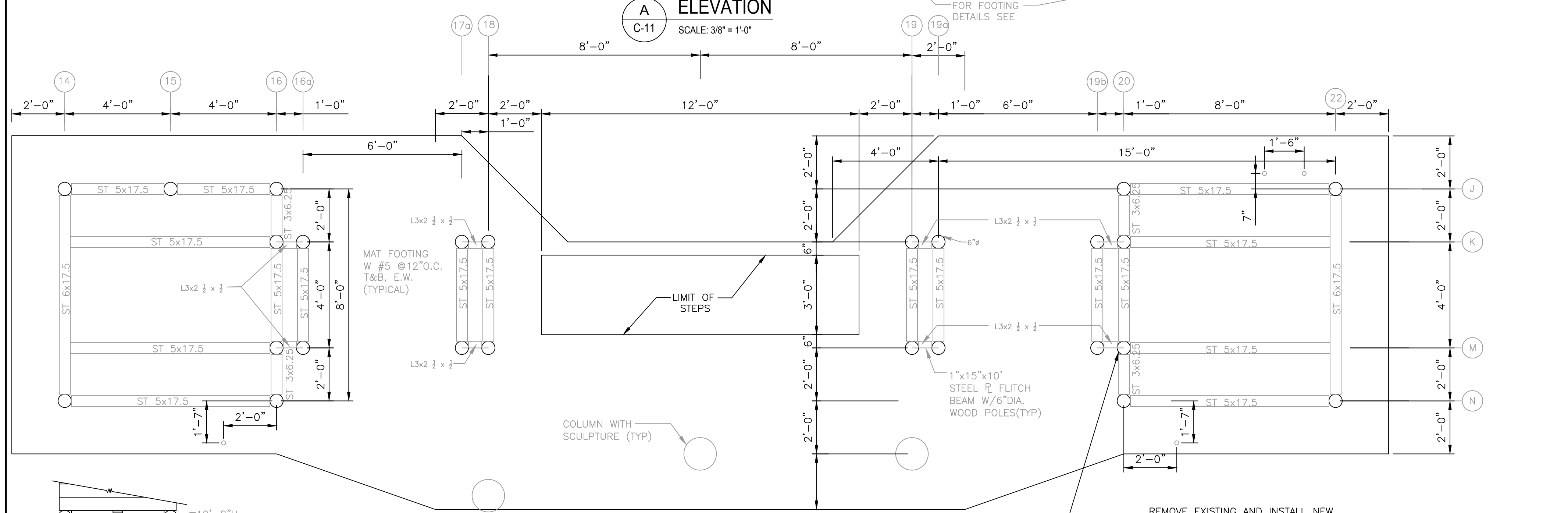
PROJECT NO.	2017200282.009	SHEET NO.	10 OF 23
DATE:	JULY 2018	DRAWING NO.	C-10
SCALE:	AS NOTED		



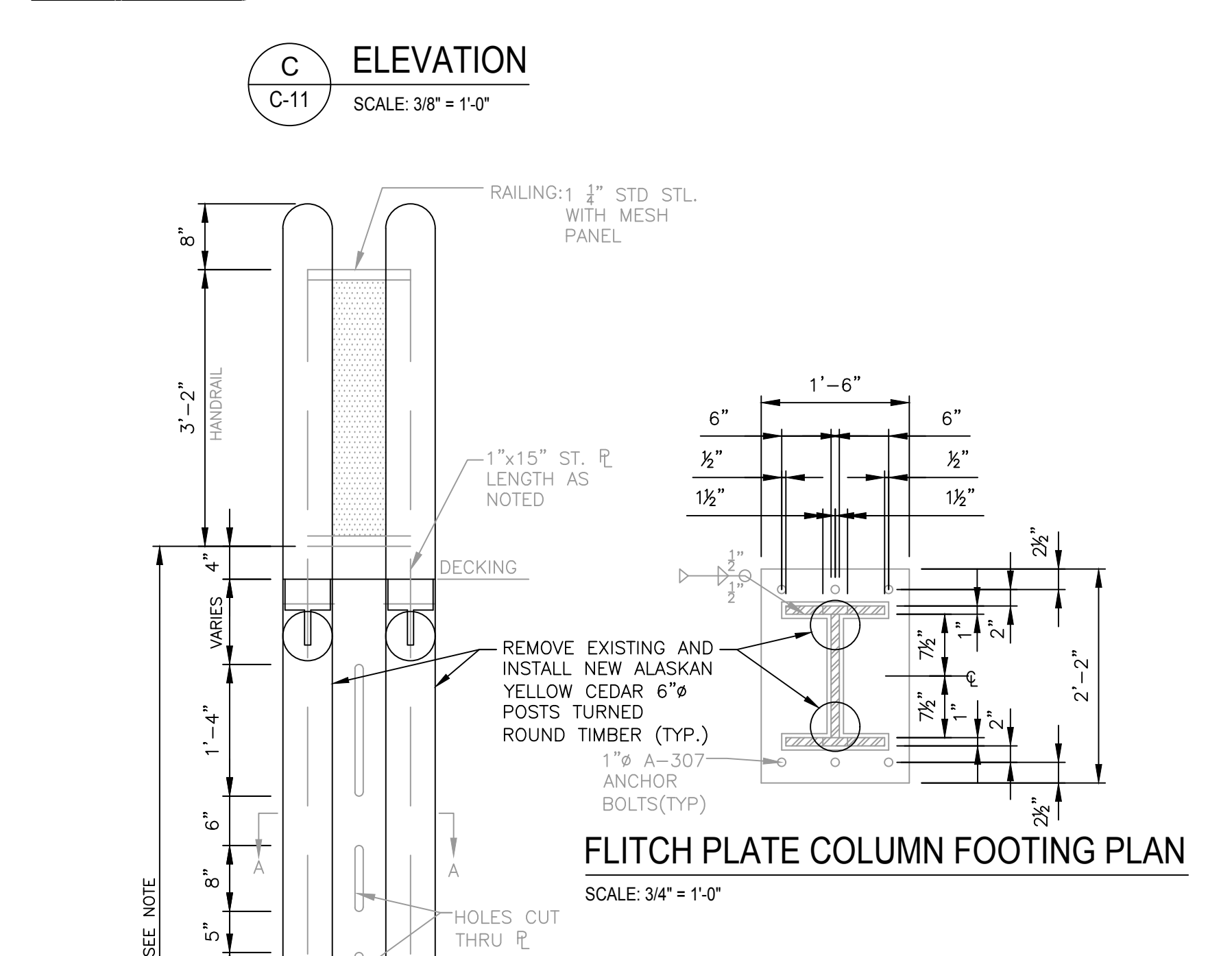
A ELEVATION
SCALE: 3/8" = 1'-0"



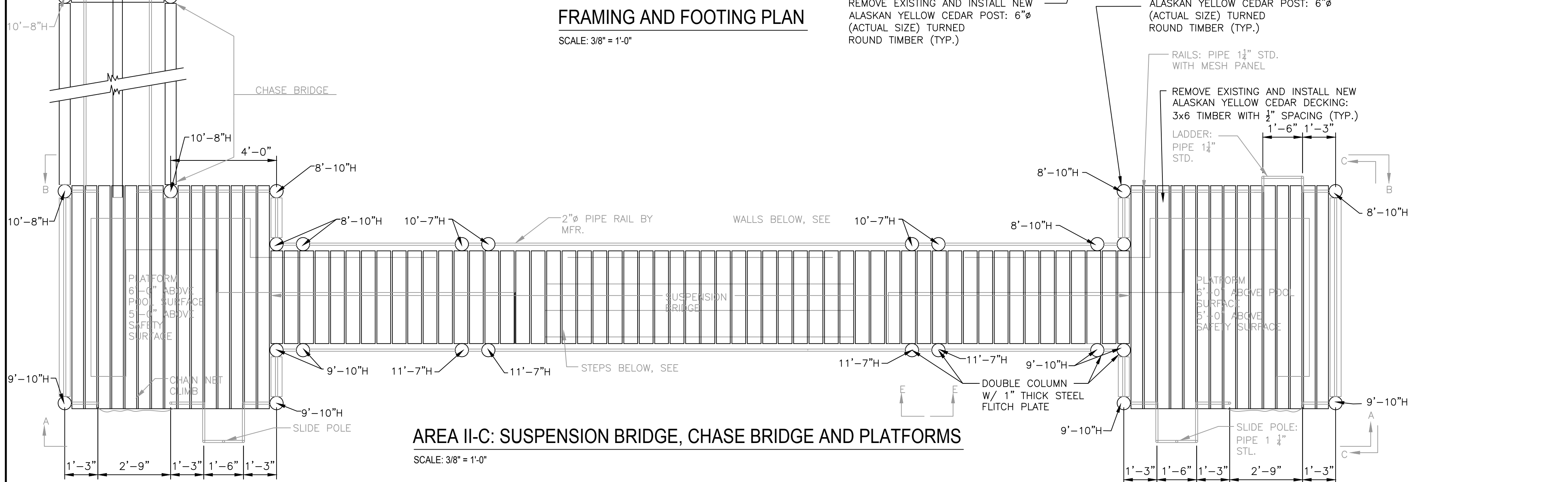
C ELEVATION
SCALE: 3/8" = 1'-0"



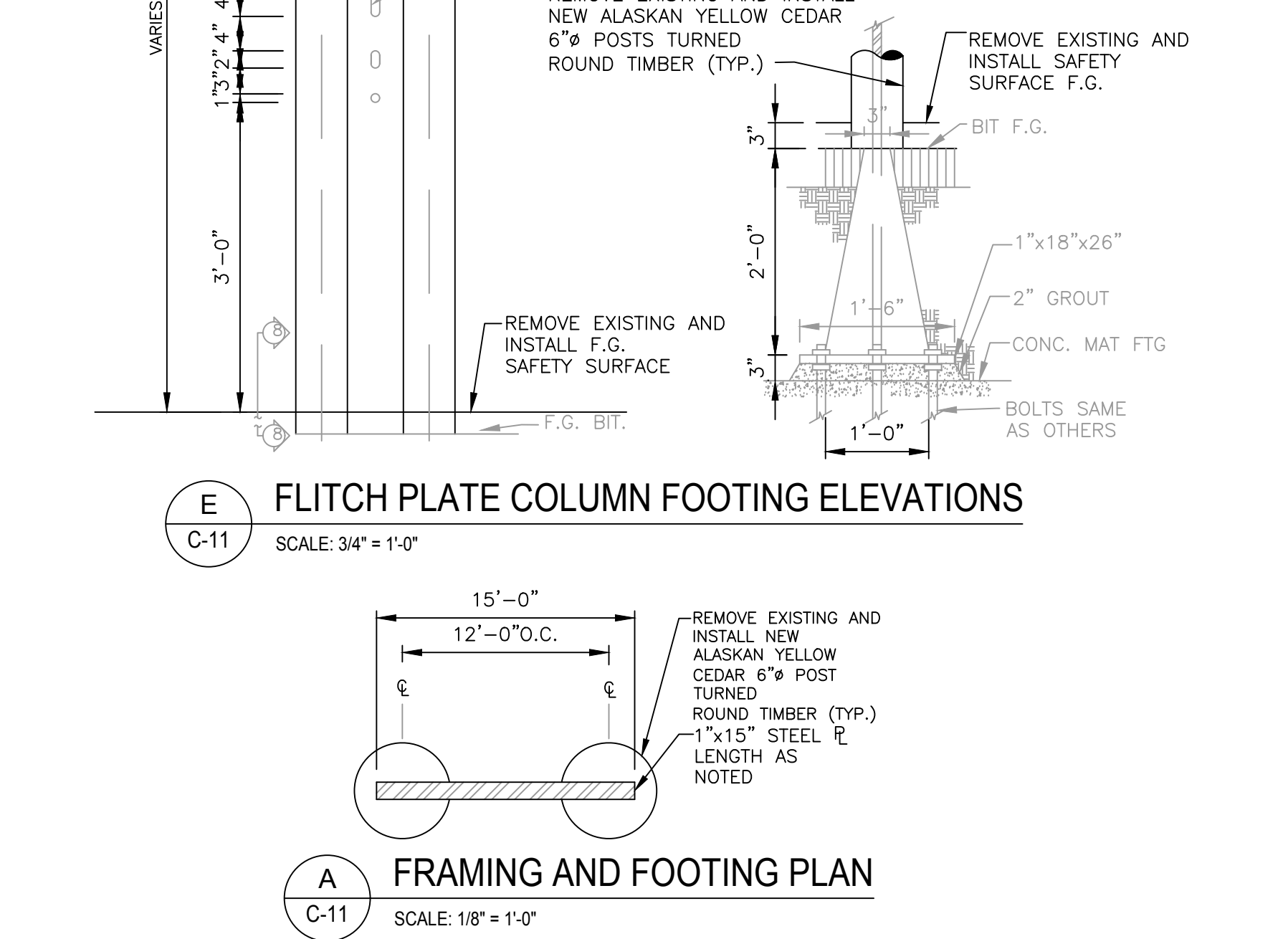
FRAMING AND FOOTING PLAN
SCALE: 3/8" = 1'-0"



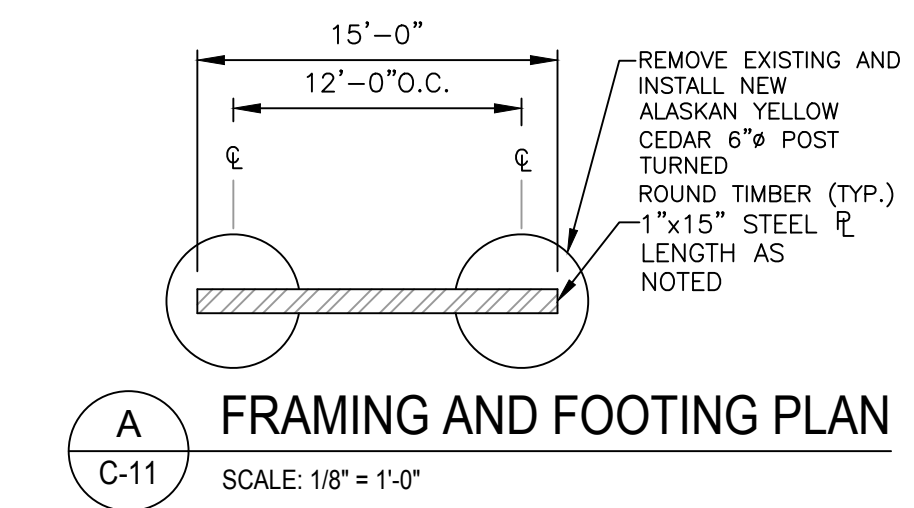
FLITCH PLATE COLUMN FOOTING PLAN
SCALE: 3/4" = 1'-0"



AREA II-C: SUSPENSION BRIDGE, CHASE BRIDGE AND PLATFORMS
SCALE: 3/8" = 1'-0"



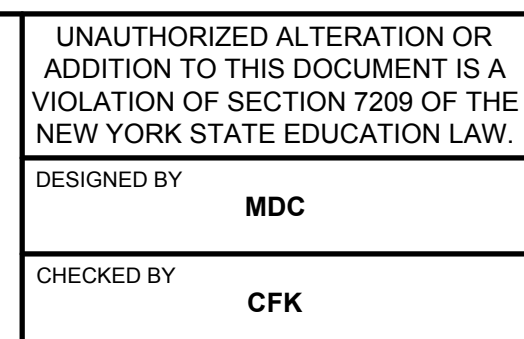
E FLITCH PLATE COLUMN FOOTING ELEVATIONS
SCALE: 3/4" = 1'-0"



A FRAMING AND FOOTING PLAN
SCALE: 1/8" = 1'-0"

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

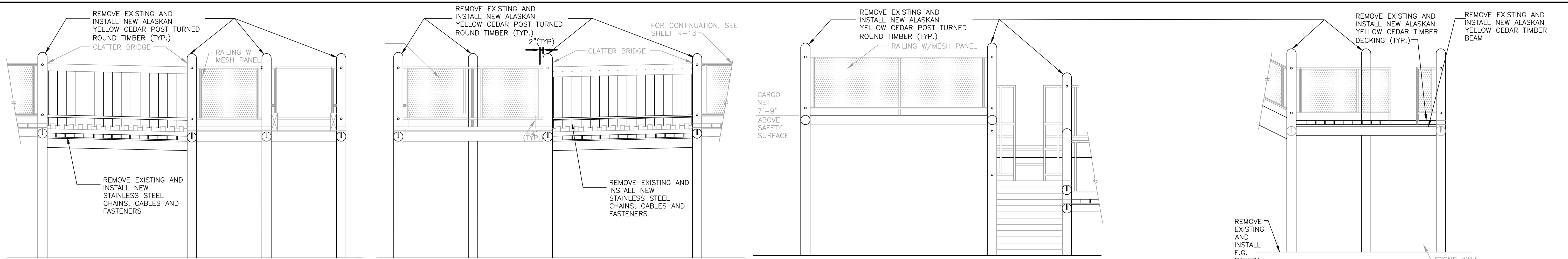
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DESIGNED BY MDC
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BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION
AREA II-C SUSPENSION BRIDGE DETAILS

PROJECT NO. 2017200282.009	SHEET NO. 11 OF 23
DATE: JULY 2018	DRAWING NO. C-11
SCALE: AS NOTED	

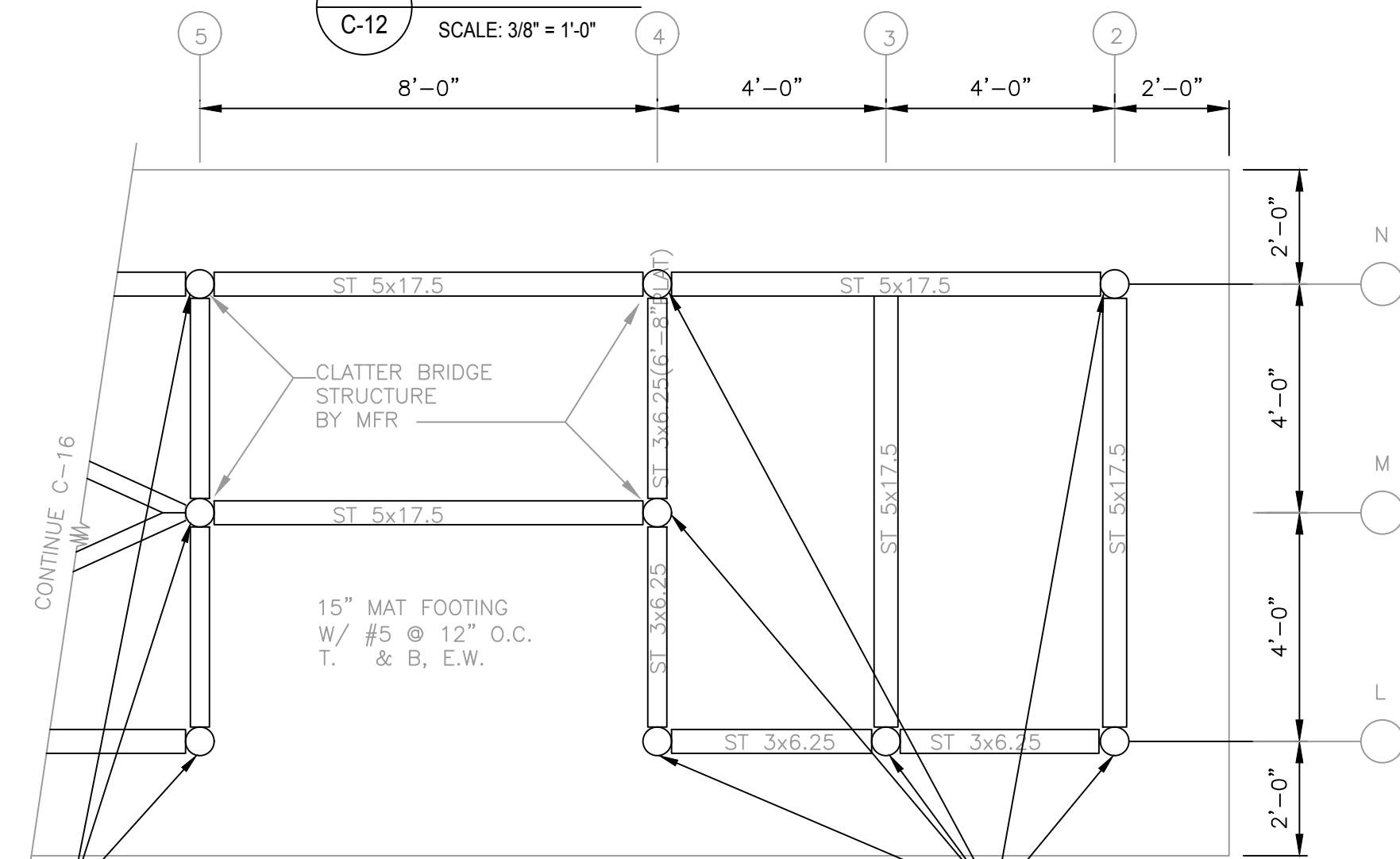


A ELEVATION

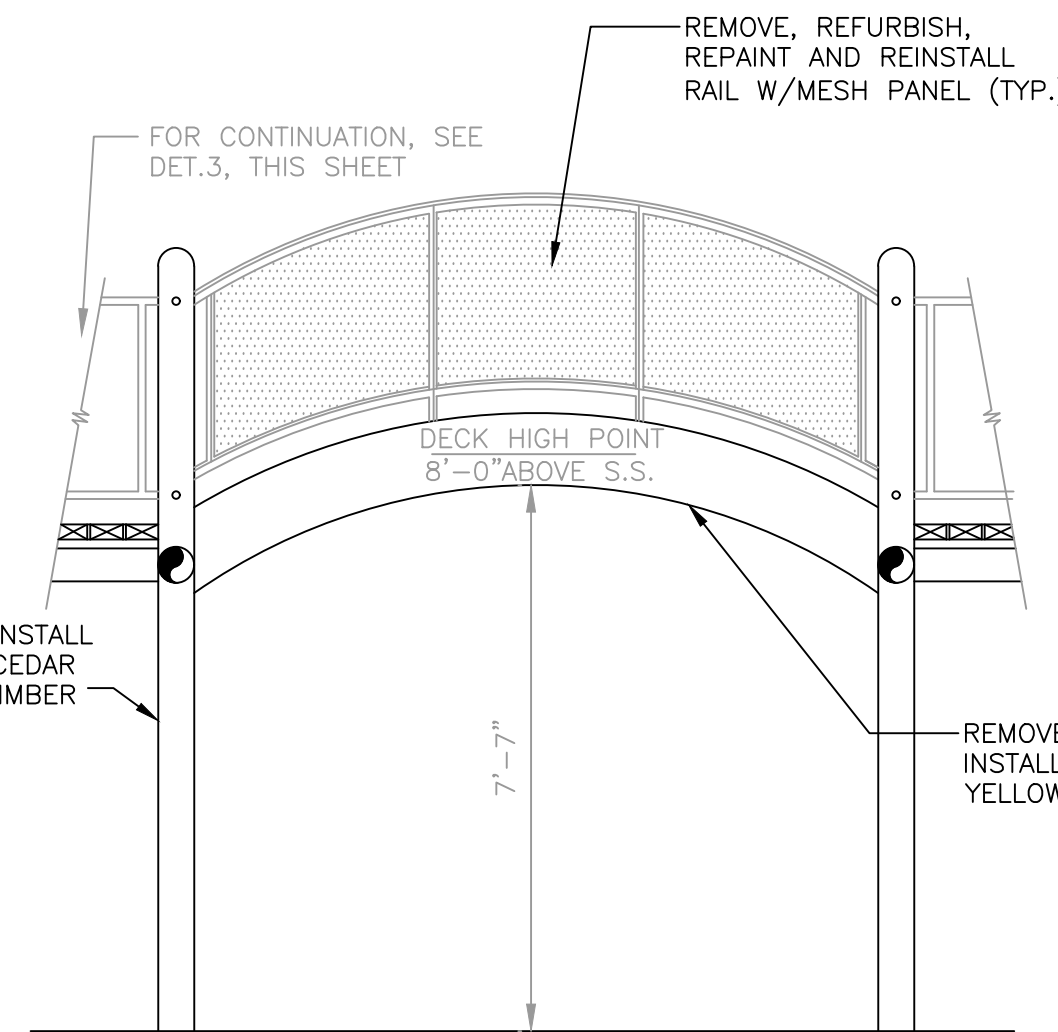
B ELEVATION

E ELEVATION

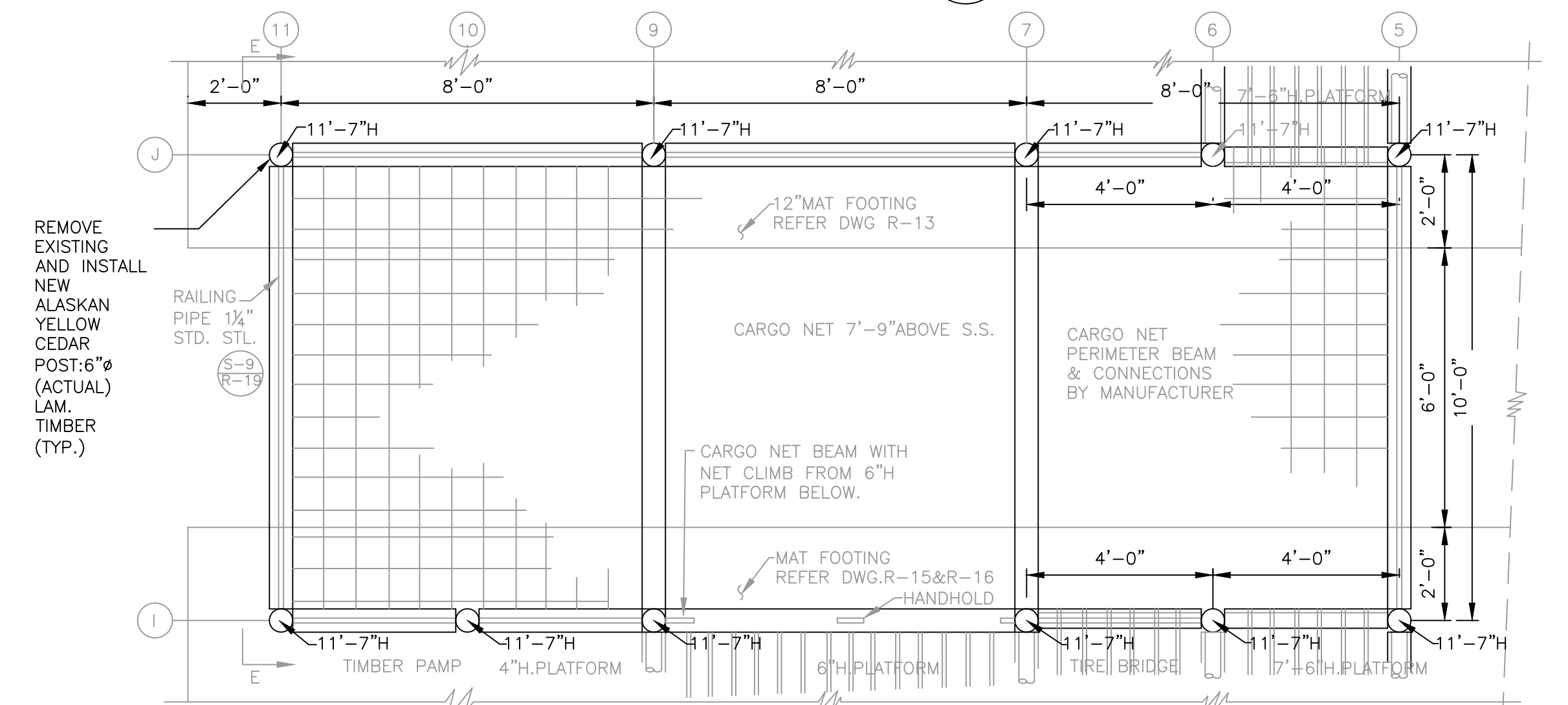
D ELEVATION



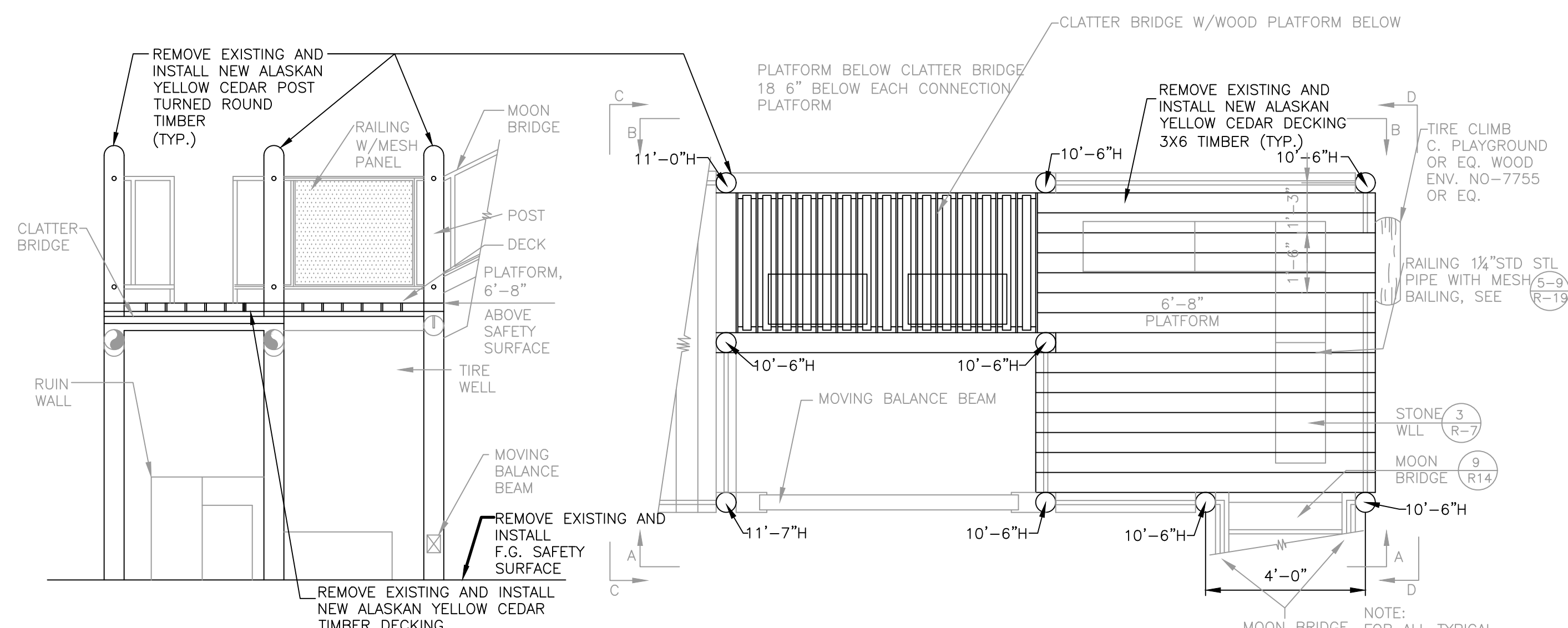
FRAMING & FOOTING PLAN



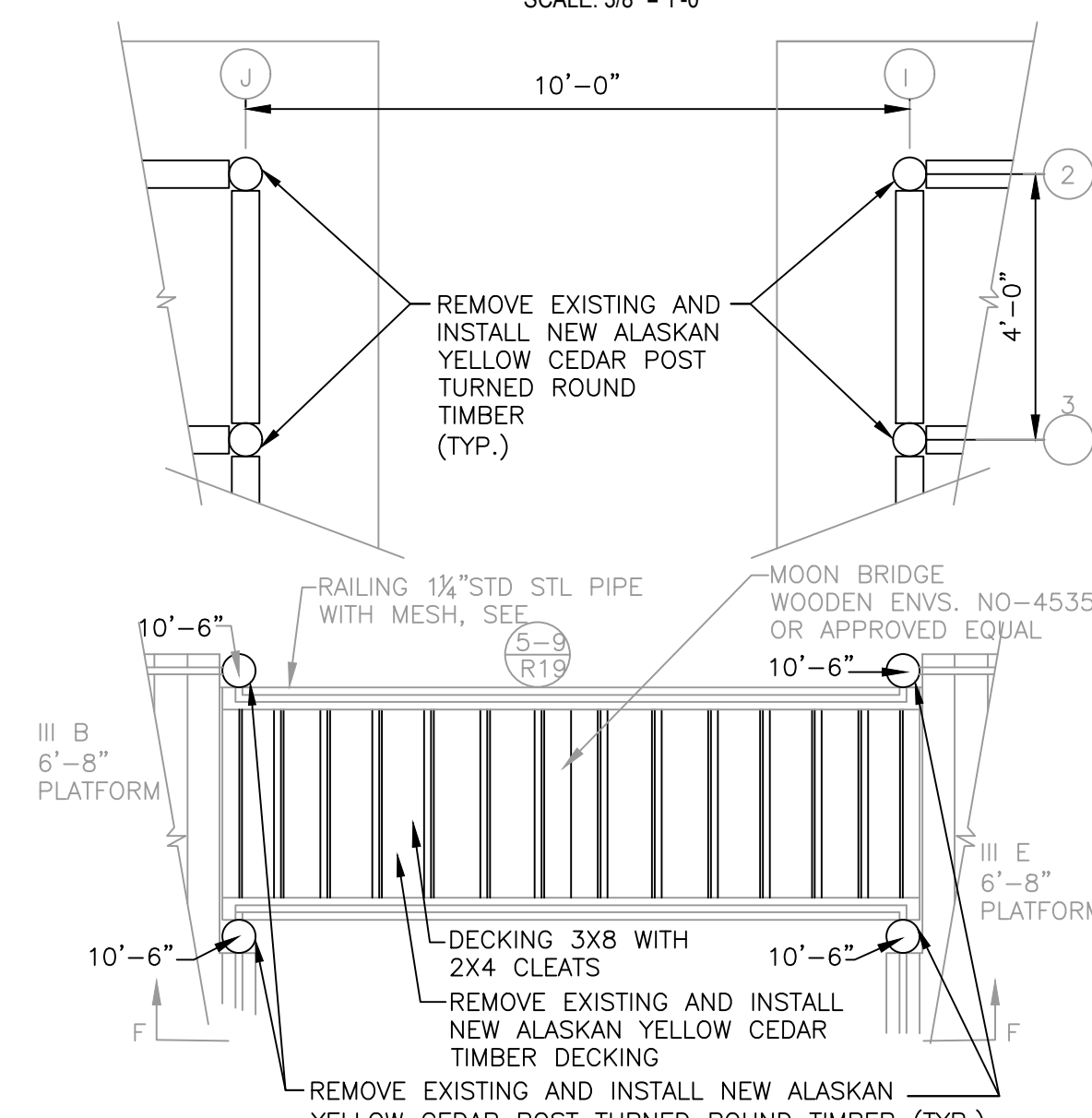
F ELEVATION



AREA III-C: 5-9 YEAR PLAY UNITS PLAN & FRAMING AND FOOTING PLAN



AREA III-B: 5-9 YEAR PLAY UNITS PLAN



AREA III-C: MOON BRIDGE

NOTE:

1. STEEL AND OTHER ELEMENTS OF THE EXISTING PLAYGROUND STRUCTURES, EXCLUDING WOOD, ARE TO BE REMOVED, REFURBISHED, RESTORED, REPAIRED, STORED, REPAINTED AND REINSTALLED IN ACCORDANCE WITH THE CONTRACT WORK ITEMS #4, #10, #14 AND #17 RESPECTIVELY.
2. TIMBER POSTS, BEAMS, DECKING, STEPS, BRIDGE PLANKS, AND OTHER WOODEN ELEMENTS OF THE ENTIRE PLAYGROUND SITE SHALL BE REPLACED IN-KIND IN ACCORDANCE WITH CONTRACT WORK ITEMS #4, #8, #9, #15, AND #16.
3. EXISTING STEEL SLEEVES WITH BASE PLATES FOR TIMBER POSTS SHALL REMAIN IN-PLACE, AND BE PROTECTED FOR RE-USE. REPLACEMENT OF EXISTING STEEL SLEEVES OR BASE PLATE ANCHOR BOLTS SHALL BE AS ORDERED BY THE ENGINEER UNDER CONTRACT UNIT PRICE ITEMS #1 & #2. COST FOR EXPOSING EXISTING SLEEVES AND BASE PLATES FOR INSPECTION BY THE ENGINEER SHALL BE INCLUDED IN BID PRICE FOR ITEM #8.
4. DRAWINGS OF PLAYGROUND STRUCTURES INCLUDED HEREIN MAY NOT ACCURATELY REFLECT ALL CURRENT CONDITIONS AND ELEMENTS AT THE SITE. THE DETAILS HEREIN ARE PROVIDED FOR GENERAL INFORMATION. BID PRICE FOR CONTRACT WORK SHALL BE BASED ON ACTUAL CONDITIONS TO BE DETERMINED UNDER ITEMS #4 AND #5.
5. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING CARGO NETS IN KIND INCLUDING PADDING COVERS. COLORS SHOULD MATCH EXISTING.
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW OF CONNECTIONS OF NEW WOOD POST TO EXISTING MEMBERS.
7. ALL NEW MEMBERS SHALL BE MECHANICALLY FASTENED TO NEW/EXISTING MEMBERS. EACH CONNECTION SHALL HAVE A MINIMUM OF TWO A307 BOLTS WITH STEEL CONNECTION PLATES OR ANGLES WITH A MINIMUM THICKNESS OF 1". CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL OF EACH CONNECTION TYPE.

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

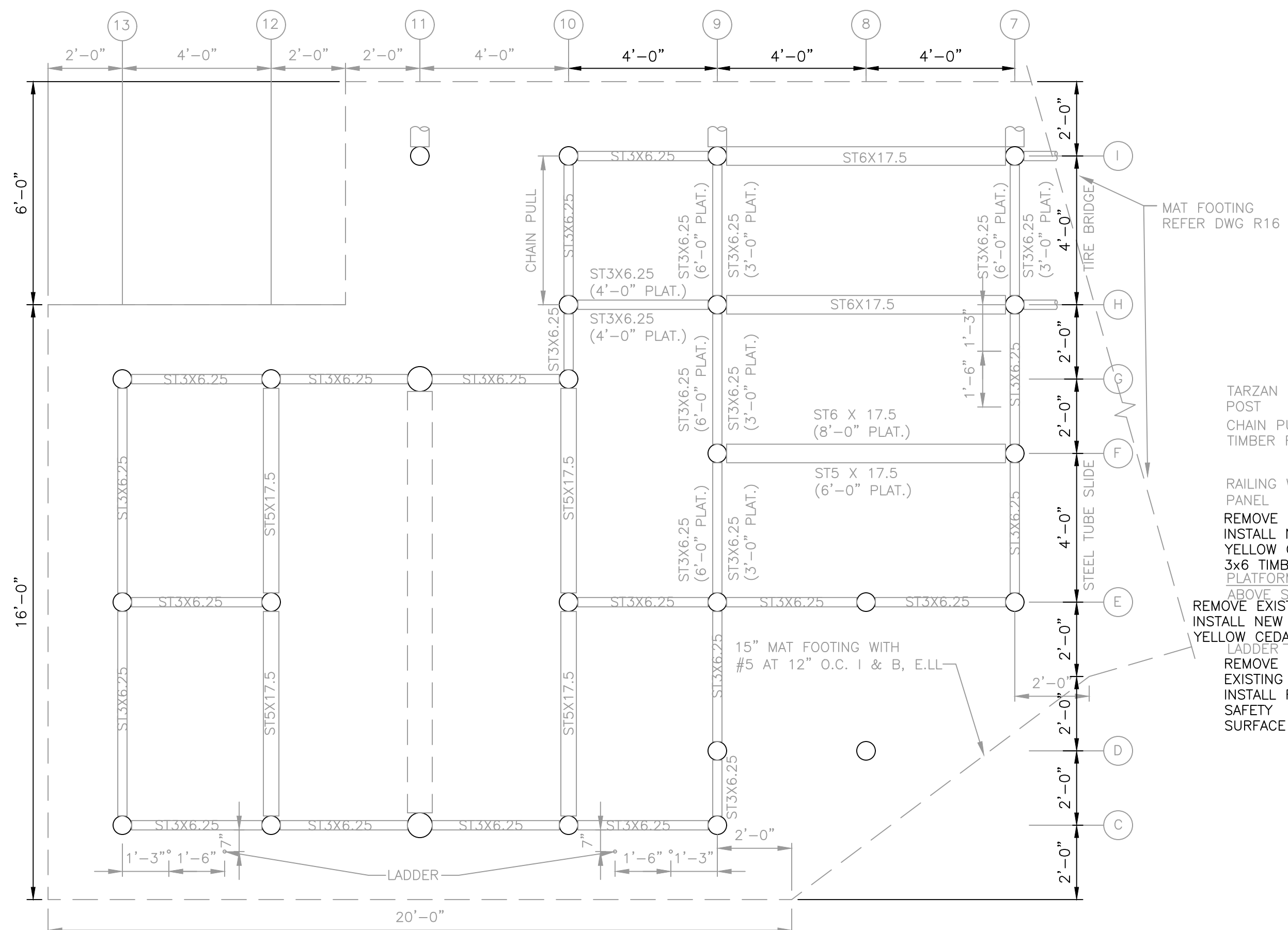
DESIGNED BY	MDC
CHECKED BY	CFK



BATTERY PARK CITY AUTHORITY
 BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION
AREA III-B, III-C DETAILS

PROJECT NO.	2017200282.009	SHEET NO.	12 OF 23
DATE:	JULY 2018	DRAWING NO.	C-12
SCALE:	AS NOTED		



TARZAN SWING POST CHAIN PULL WITH TIMBER RAMP

RAILING W/MESH PANEL

REMOVE EXISTING AND INSTALL NEW ALASKAN YELLOW CEDAR DECKING 3x6 TIMBERS

REMOVE EXISTING AND INSTALL NEW ALASKAN YELLOW CEDAR BEAM TIMBER

REMOVE EXISTING AND INSTALL F.G. SAFETY SURFACE

REMOVE EXISTING AND INSTALL NEW ALASKAN YELLOW CEDAR POST TURNED ROUND TIMBERS

LADDER FROM 4'-0" PLAT. TO 6'-0" PLAT.

LIFT CLIMB FROM 6'-0" TO 7'-9"

PIPE FRAME ROOF STRUCTURE W/MESH INFILL PANELS

SLIDE POLE

REMOVE EXISTING AND INSTALL NEW ALASKAN YELLOW CEDAR POST TURNED ROUND TIMBERS

RAILING WITH MESH PANEL

POST SLIDE FOR CONT.

PLATFORM 8'-0" ABOVE S.S.

PLATFORM 6'-0" ABOVE S.S.

REMOVE EXISTING AND INSTALL NEW ALASKAN YELLOW CEDAR DECKING 3x6 TIMBERS

REMOVE EXISTING AND INSTALL NEW ALASKAN YELLOW CEDAR BEAM TIMBERS

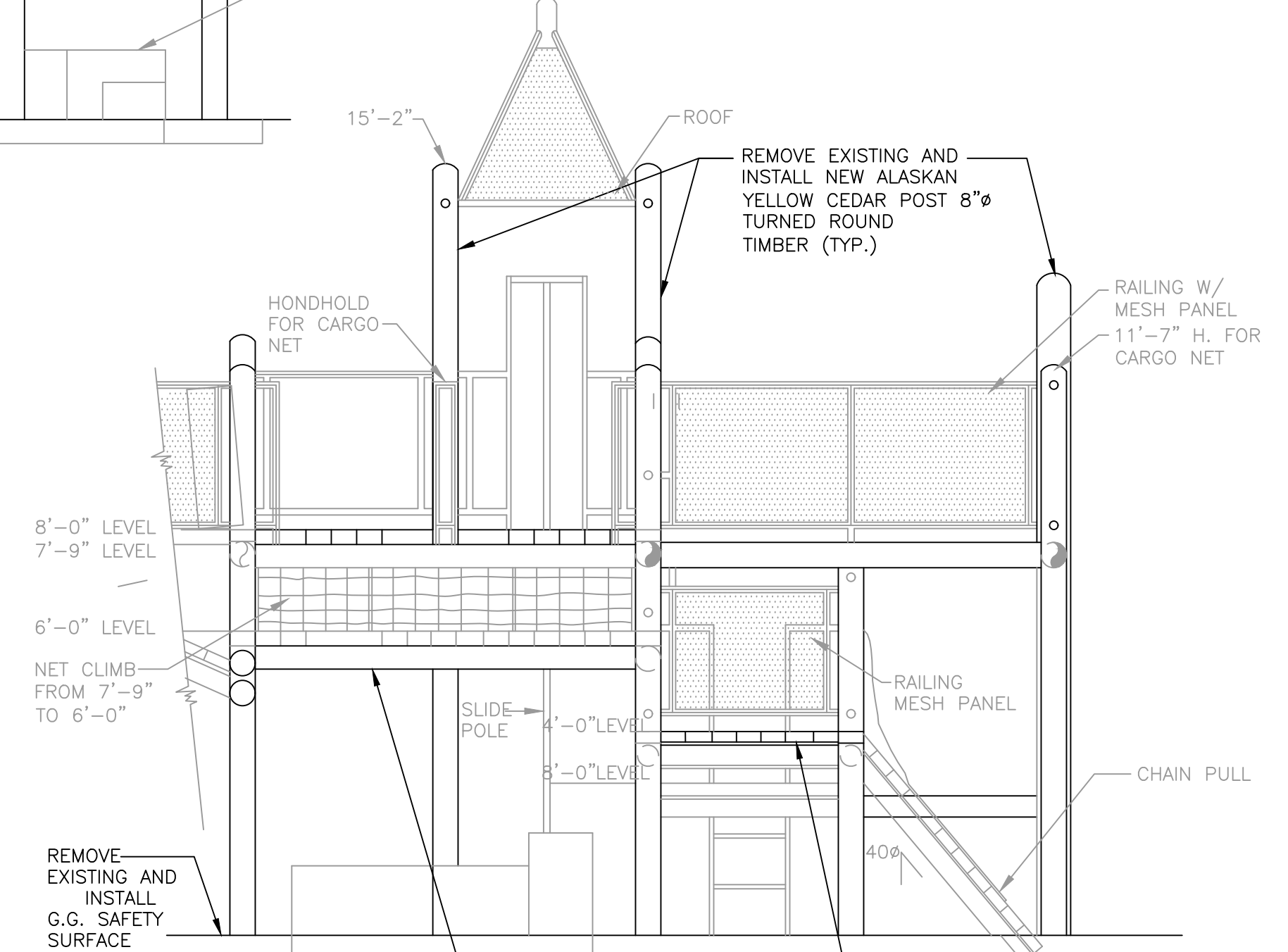
STONE WALL

PIPE FRAME ROOF STRUCTURE PIPE 1 1/4" STD.

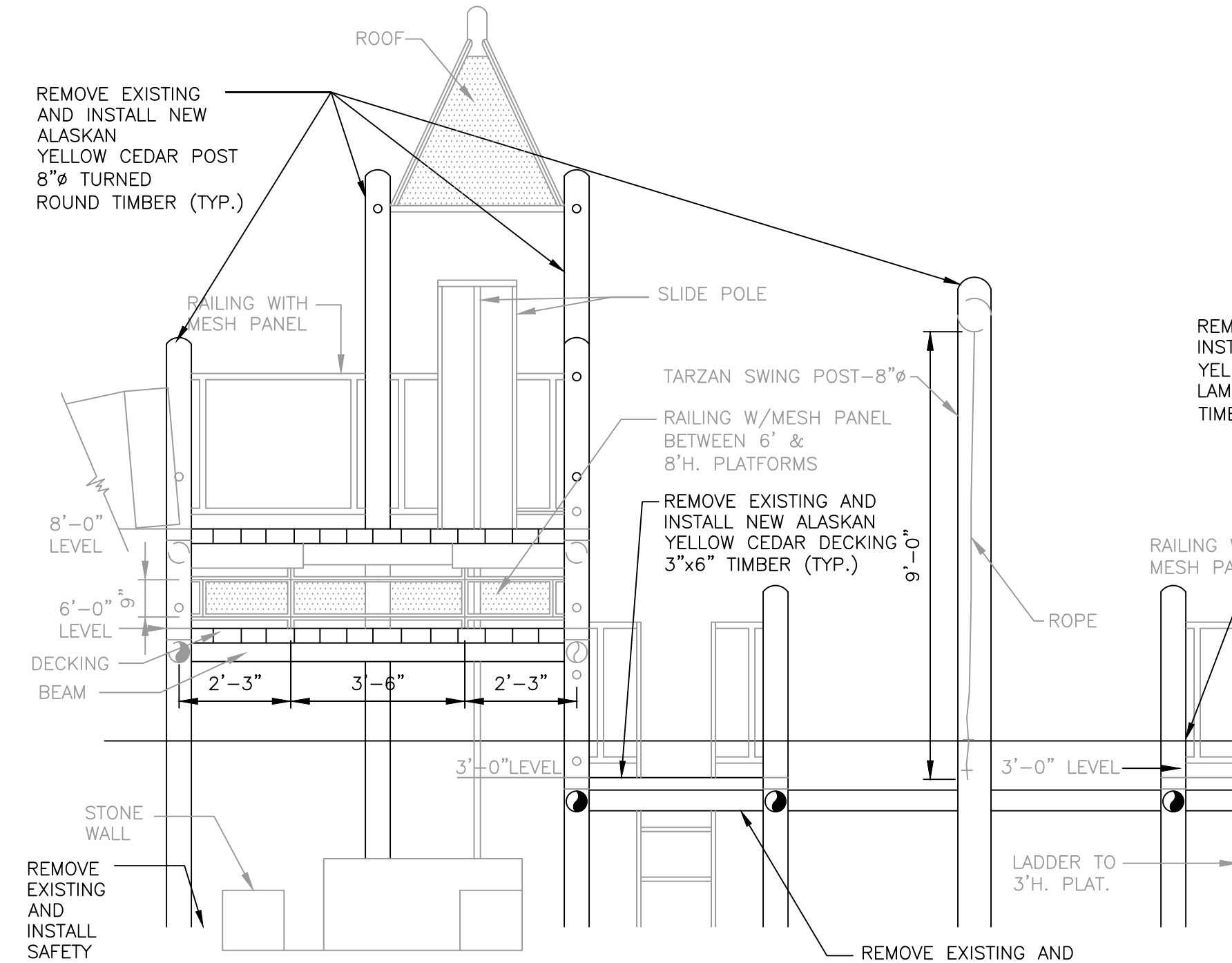
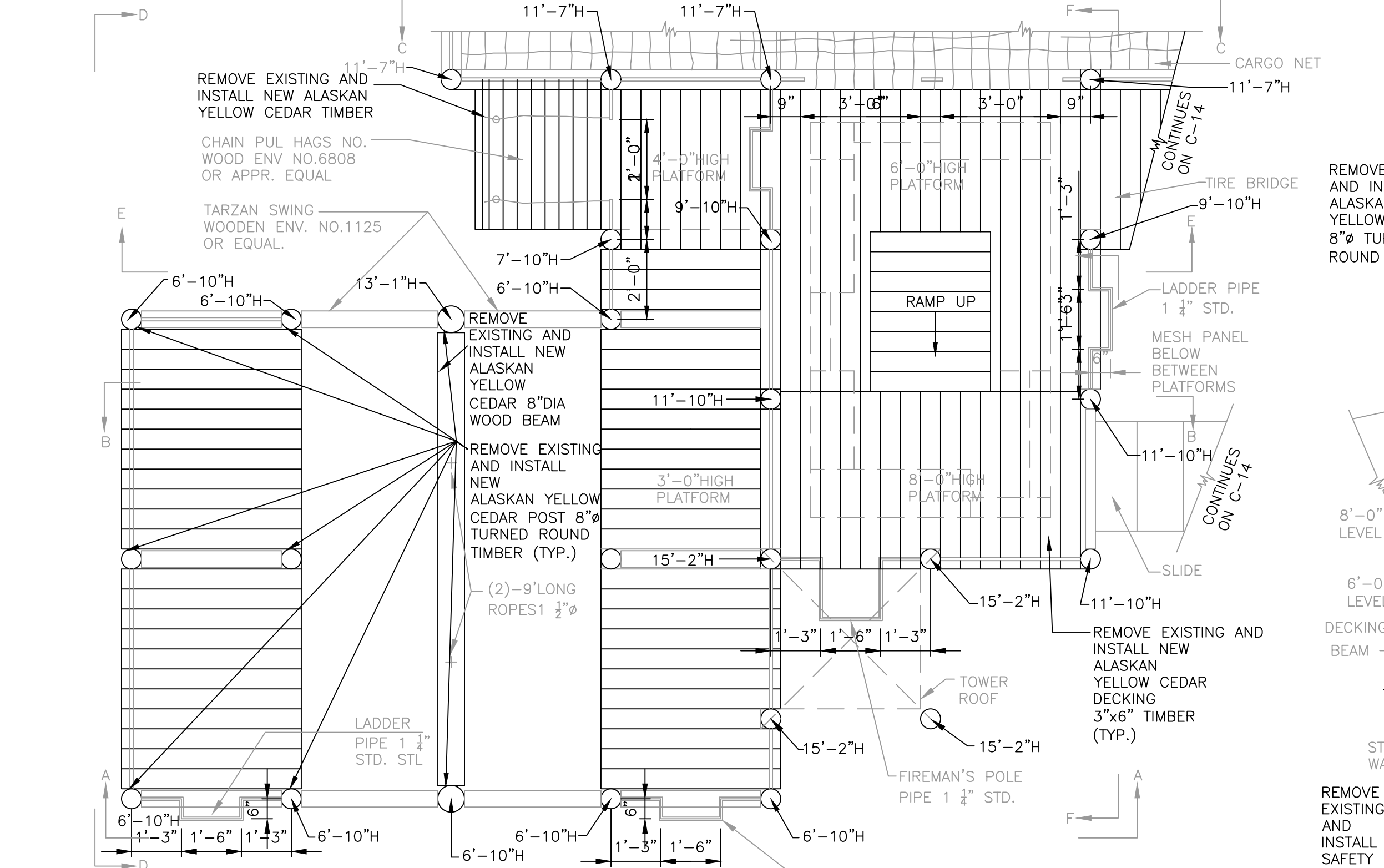
4" DIA. METEL CAP

TOWER ROOF PLAN
SCALE: 3/8" = 1'-0"

A ELEVATION
SCALE: 3/8" = 1'-0"



- NOTE:**
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 - ALL NEW MEMBERS SHALL BE MECHANICALLY FASTENED TO NEW/EXISTING MEMBERS. EACH CONNECTION SHALL HAVE A MINIMUM OF TWO A307 BOLTS WITH STEEL CONNECTION PLATES OR ANGLES WITH A MINIMUM THICKNESS OF 1/2". CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL OF EACH CONNECTION TYPE.



B ELEVATION
SCALE: 3/8" = 1'-0"

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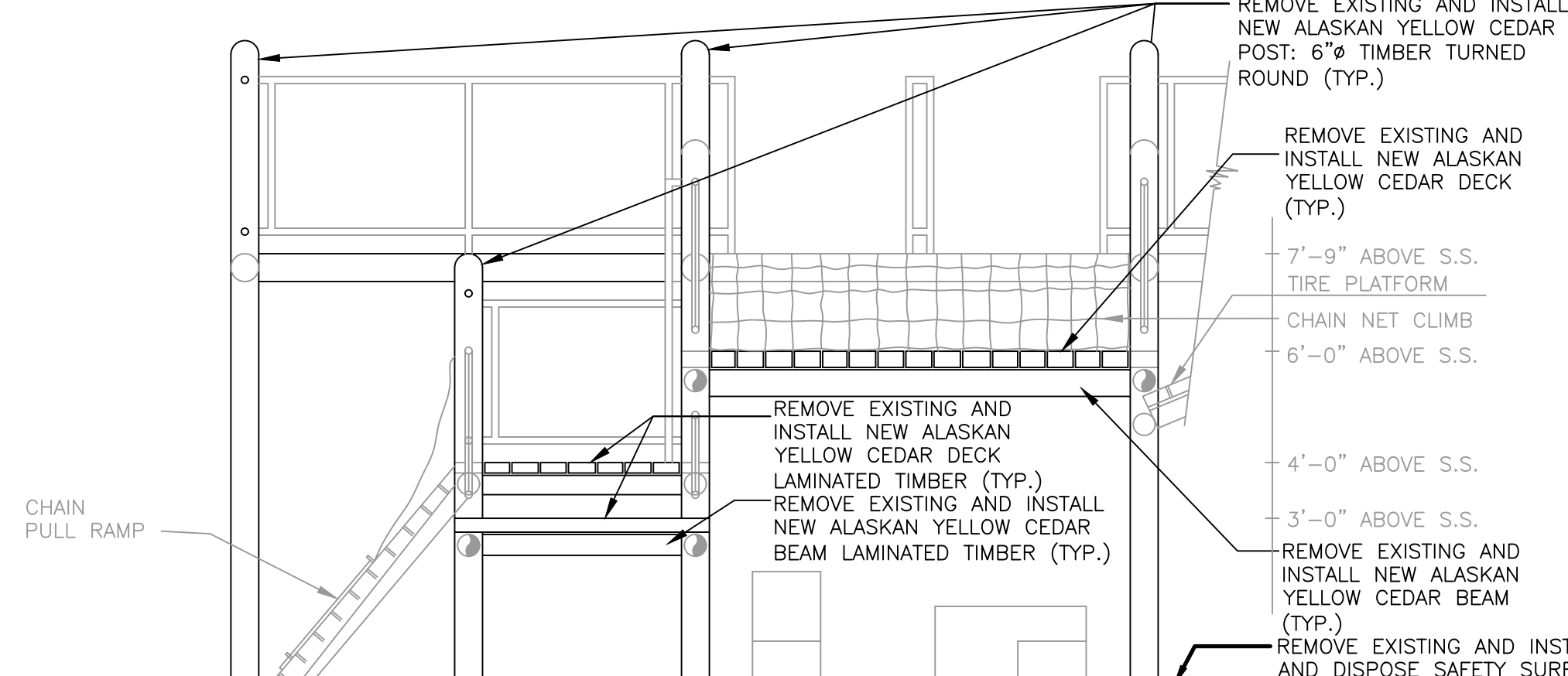
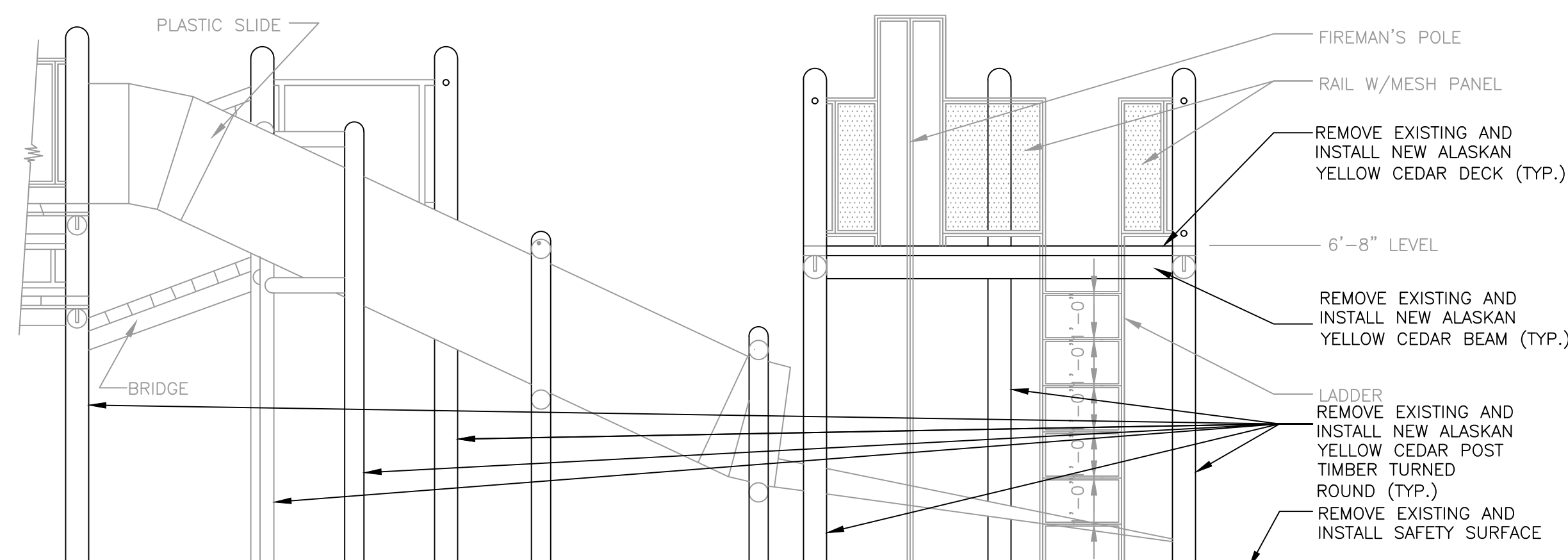
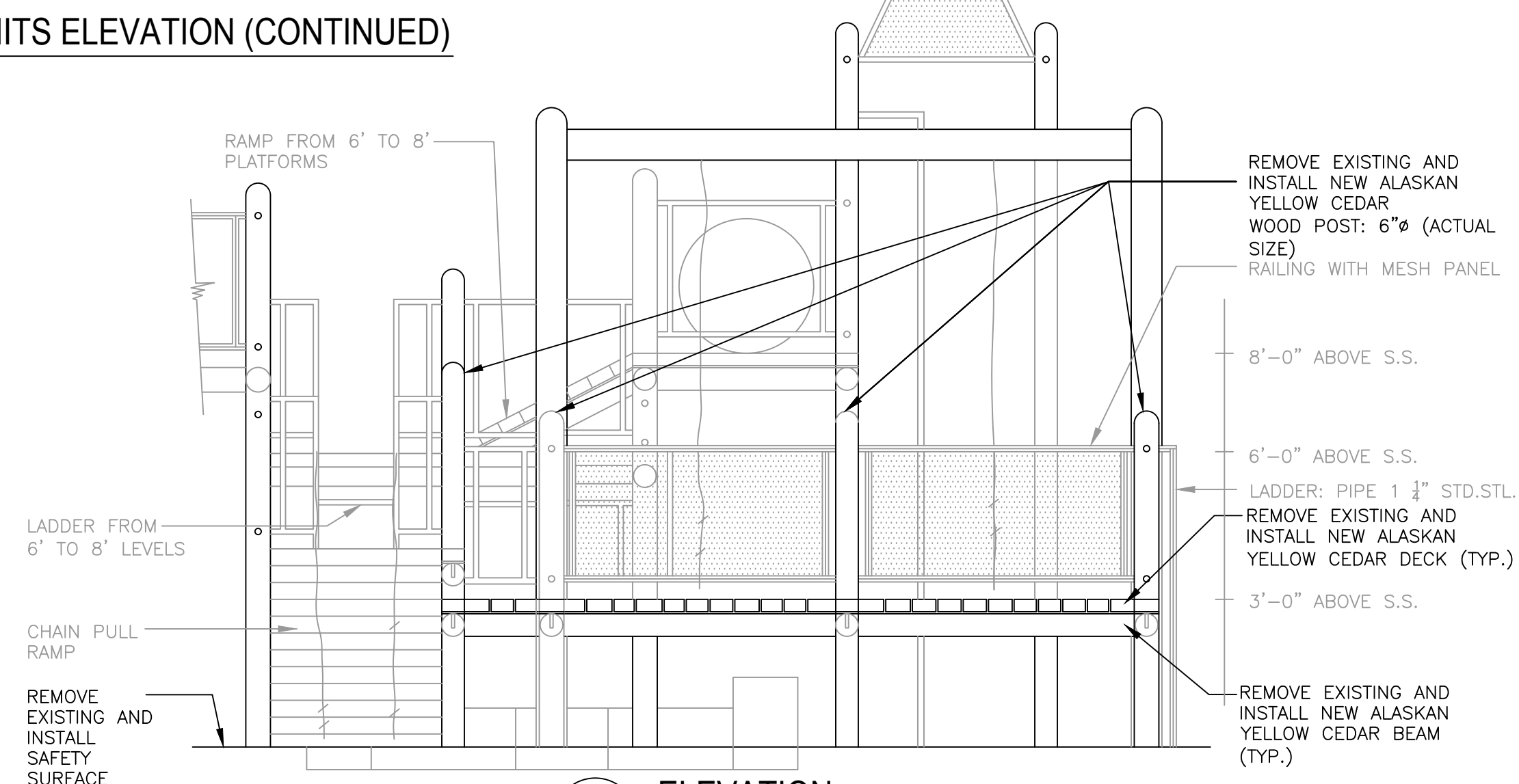
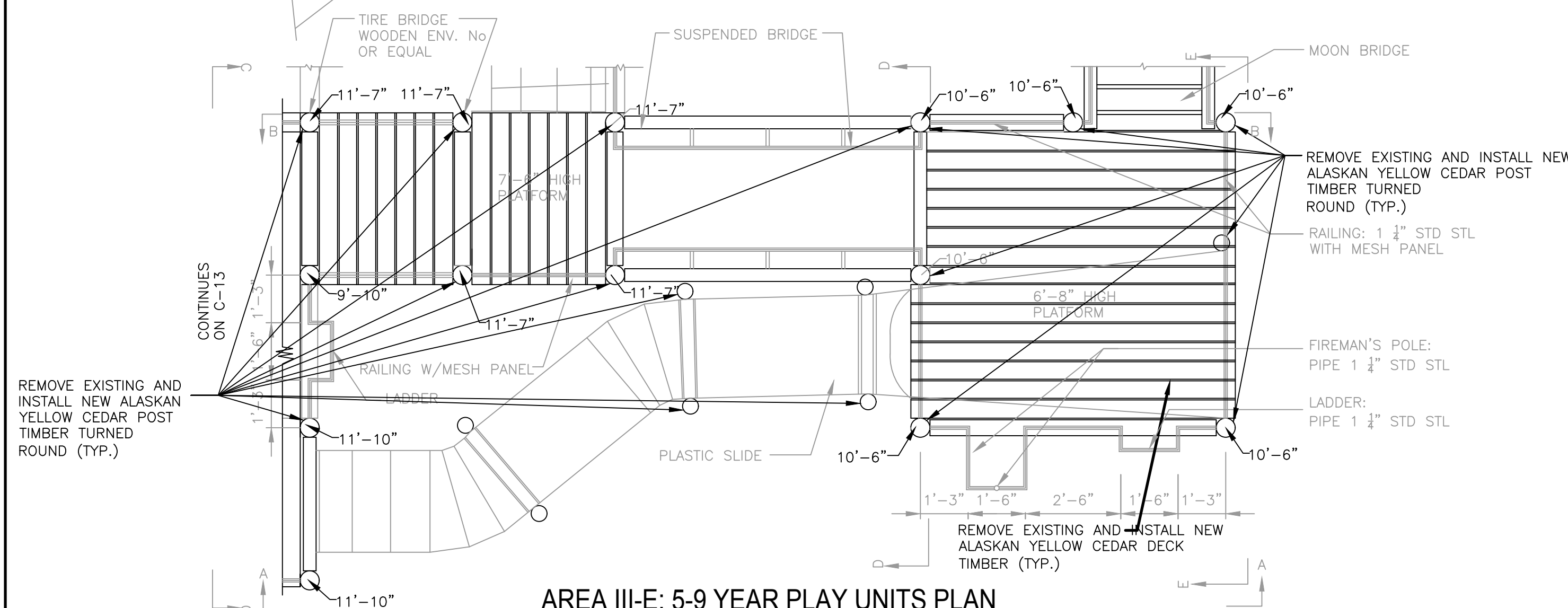
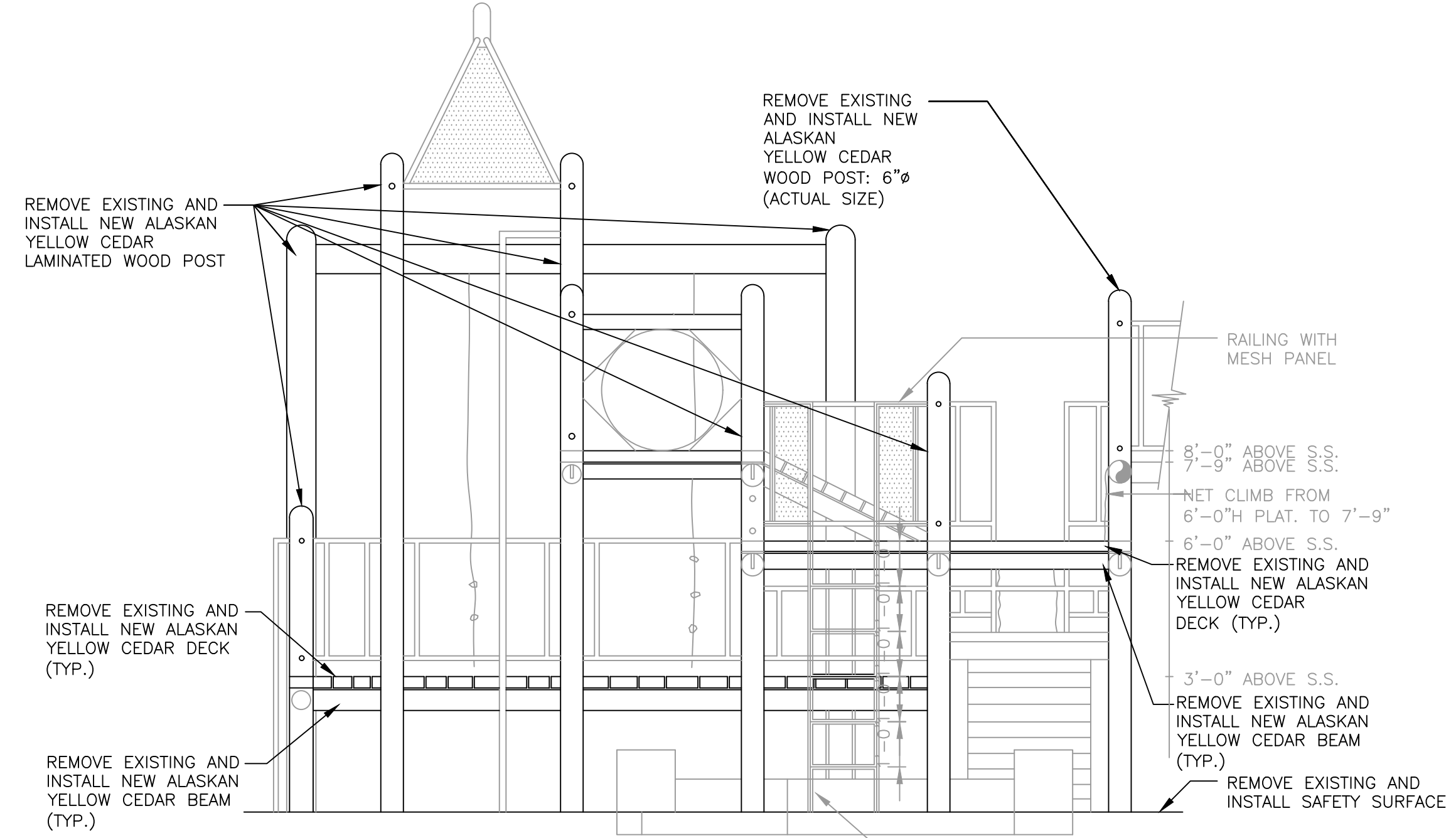
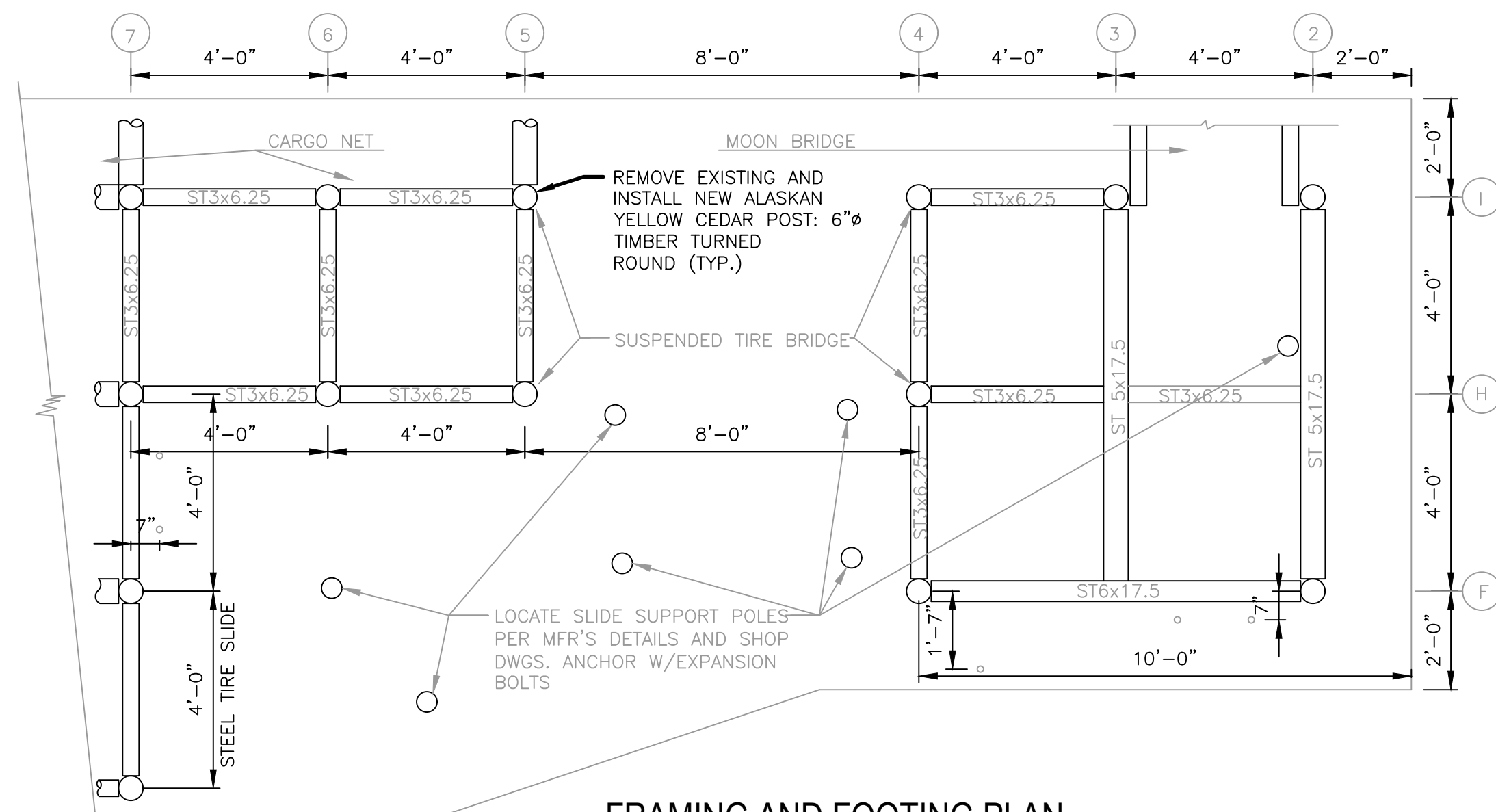
BATTERY PARK CITY AUTHORITY

BOROUGH OF MANHATTAN CITY OF NEW YORK

ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION AREA III-D DETAILS

PROJECT NO. 2017200282.009	SHEET NO. 13 OF 23
DATE: JULY 2018	DRAWING NO. C-13
SCALE: AS NOTED	



- NOTE:**
- STEEL AND OTHER ELEMENTS OF THE EXISTING PLAYGROUND STRUCTURES, EXCLUDING WOOD, ARE TO BE REMOVED, REFURBISHED, RESTORED, REPAIRED, STORED, REPAINTED AND REINSTALLED IN ACCORDANCE WITH THE CONTRACT WORK ITEMS #4, #10, #14 AND #17 RESPECTIVELY.
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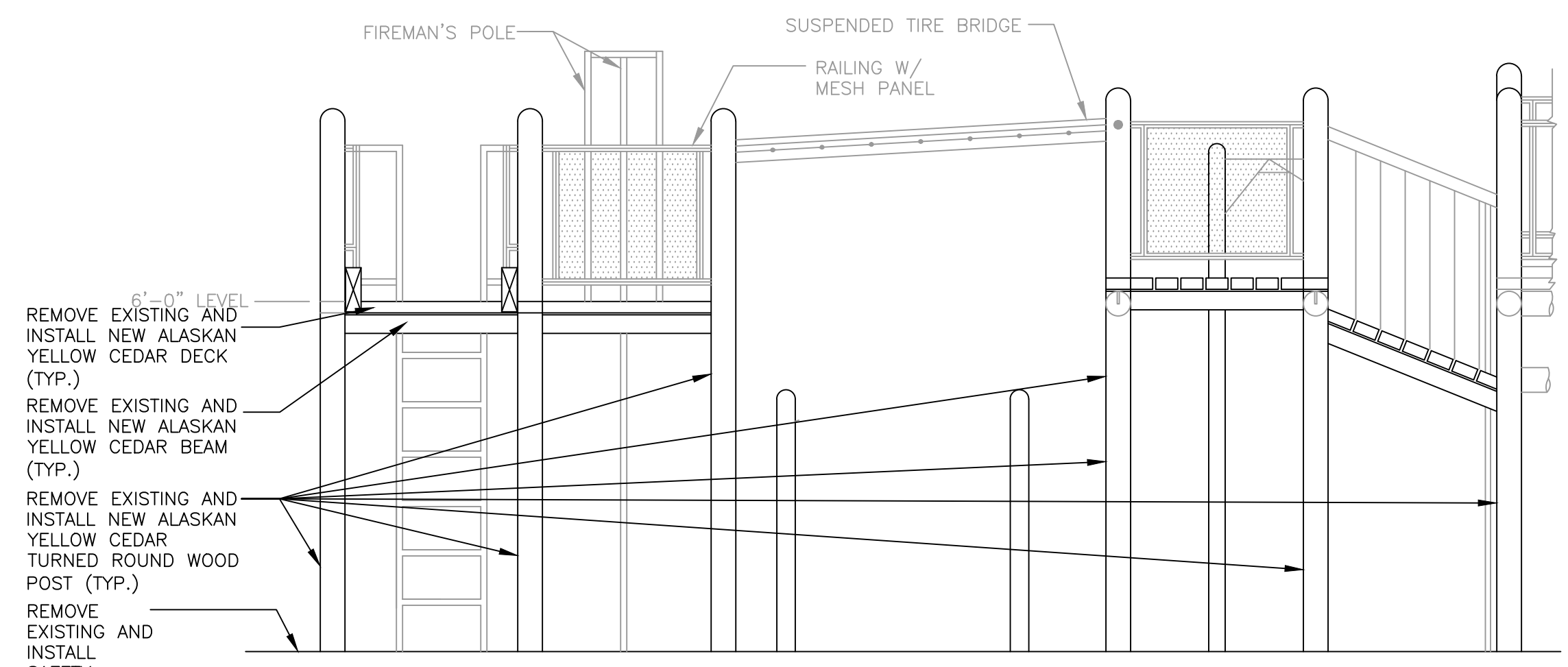


BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK

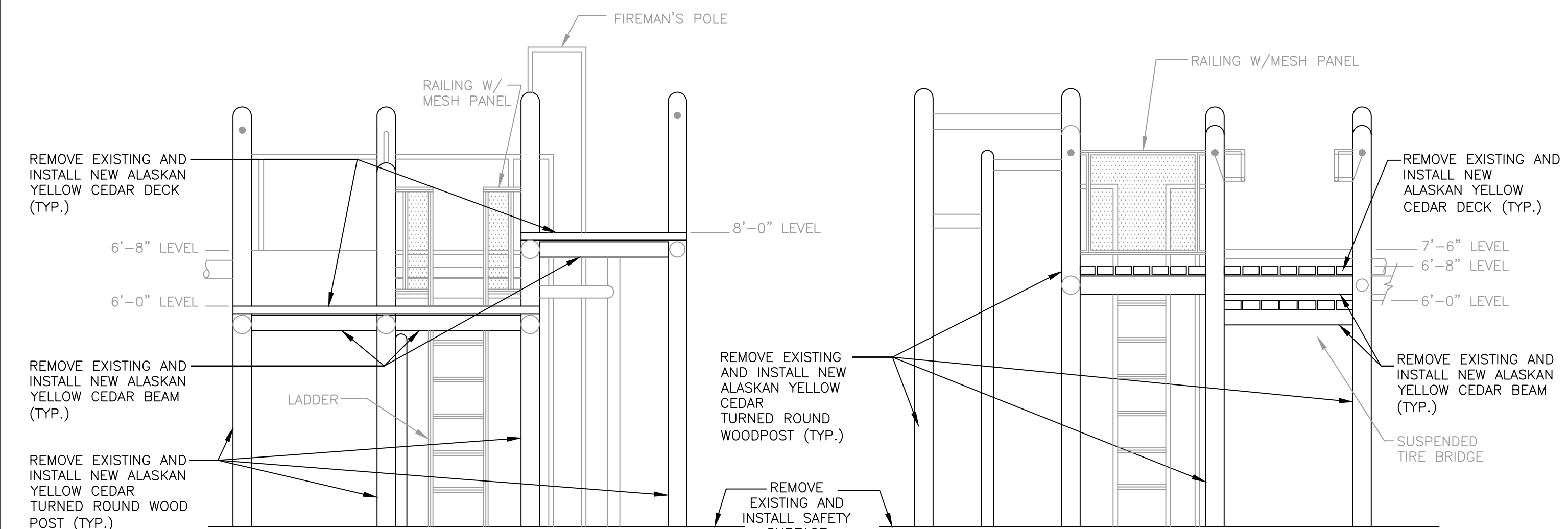
ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION
AREA III-D, III-E DETAILS

PROJECT NO. 2017200282.009	SHEET NO. 14 OF 23
DATE: JULY 2018	DRAWING NO. C-14
SCALE: AS NOTED	

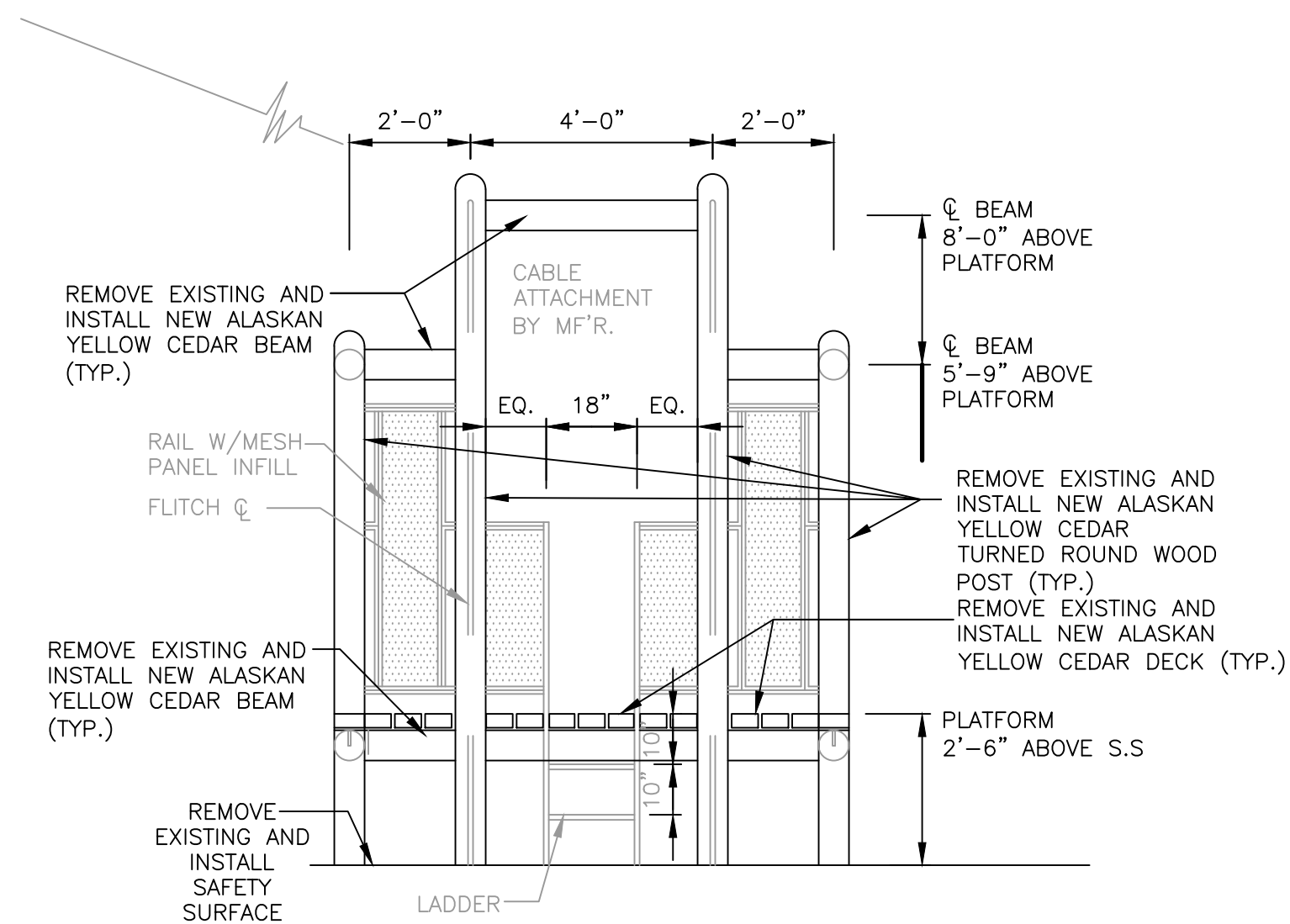


B ELEVATION
C-14 SCALE: 3/8" = 1'-0"

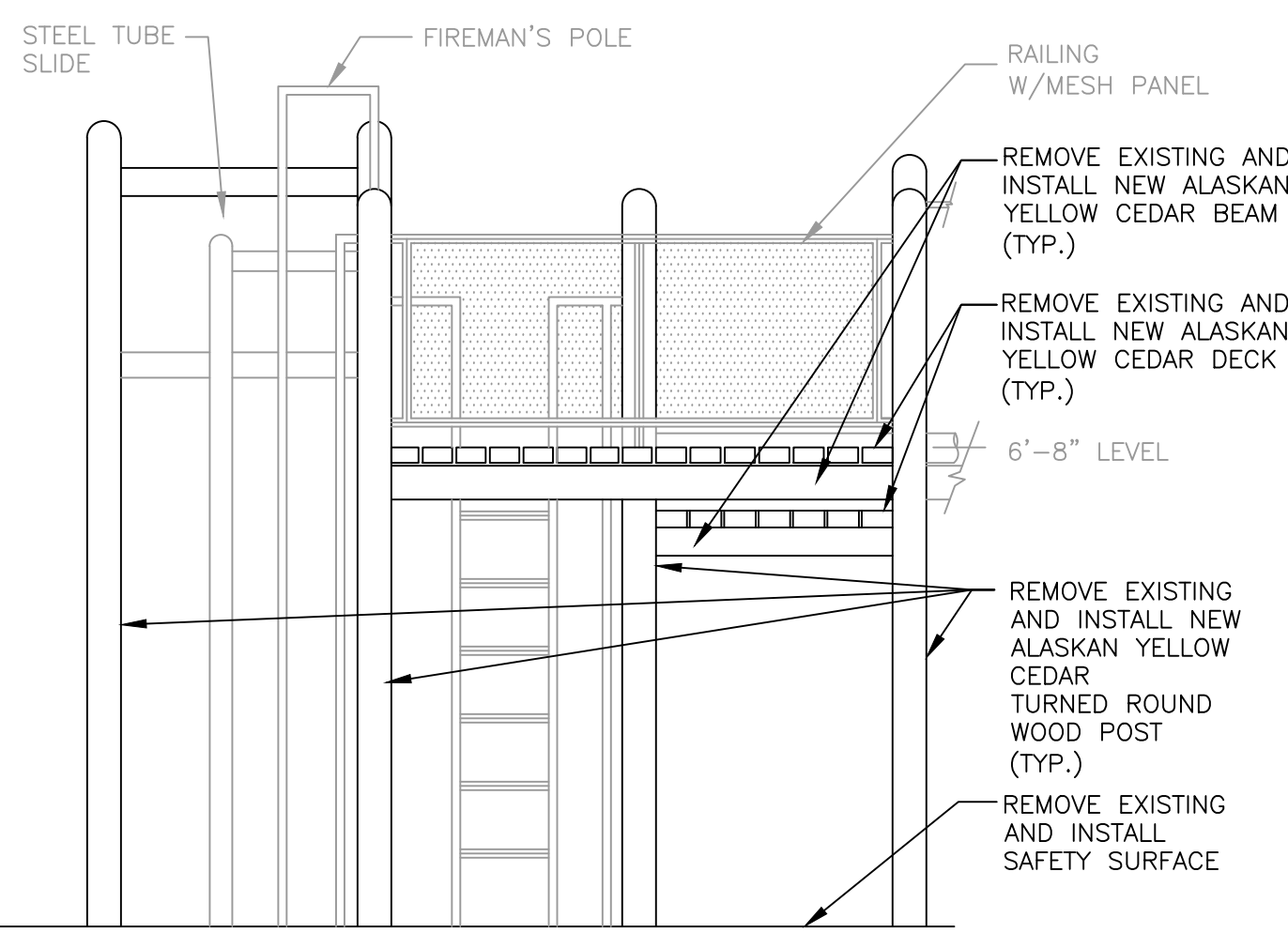


C ELEVATION
C-14 SCALE: 3/8" = 1'-0"

D ELEVATION
C-14 SCALE: 3/8" = 1'-0"



B ELEVATION
C-15 SCALE: 3/8" = 1'-0"



E ELEVATION
C-14 SCALE: 3/8" = 1'-0"

- NOTE:**
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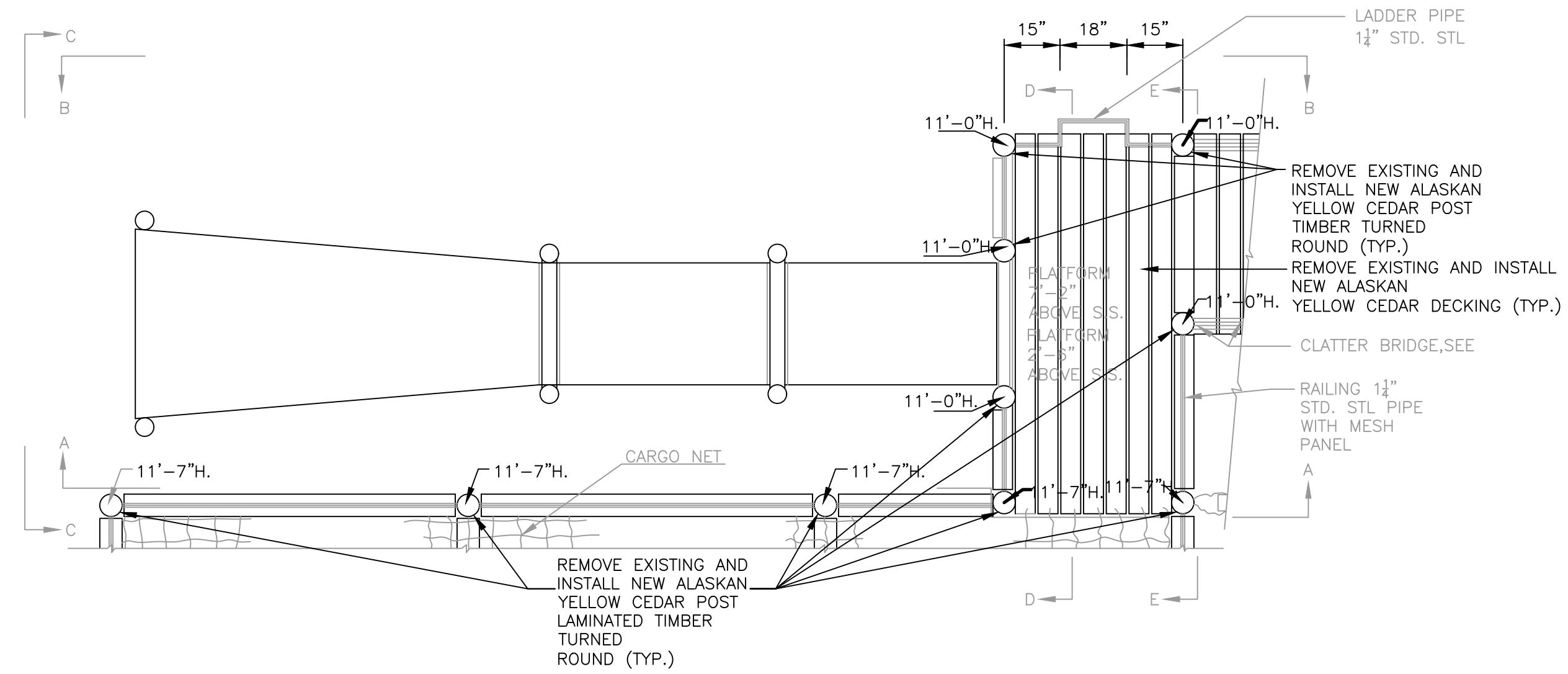
BATTERY PARK CITY AUTHORITY

BOROUGH OF MANHATTAN CITY OF NEW YORK

ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION

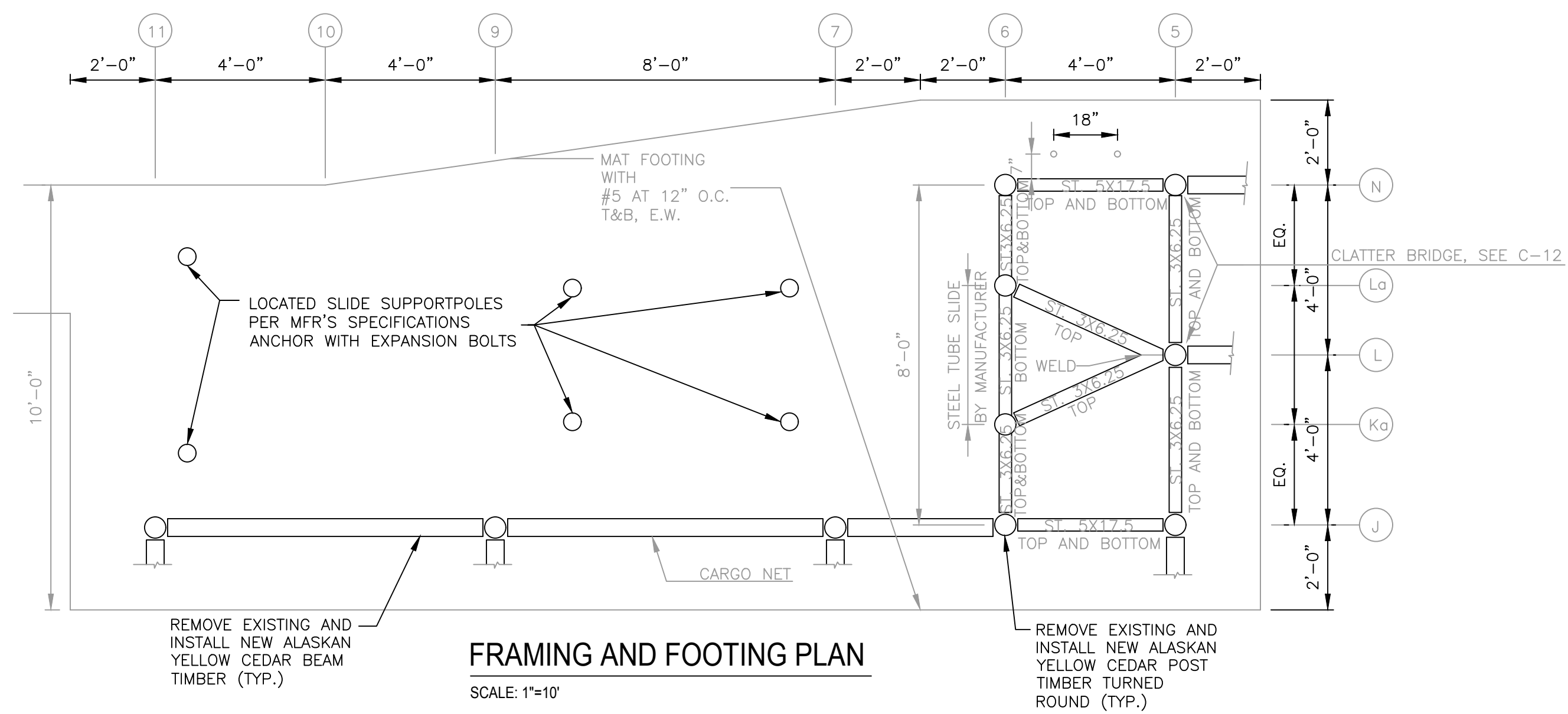
REMOVALS/RECONSTRUCTION AREA III-E, III-F DETAILS

PROJECT NO. 2017200282.009	SHEET NO. 15 OF 23
DATE: JULY 2018	DRAWING NO. C-15
SCALE: AS NOTED	



AREA III-A: 5-9 YEAR PLAY UNIT PLAN

SCALE: 1"=10'

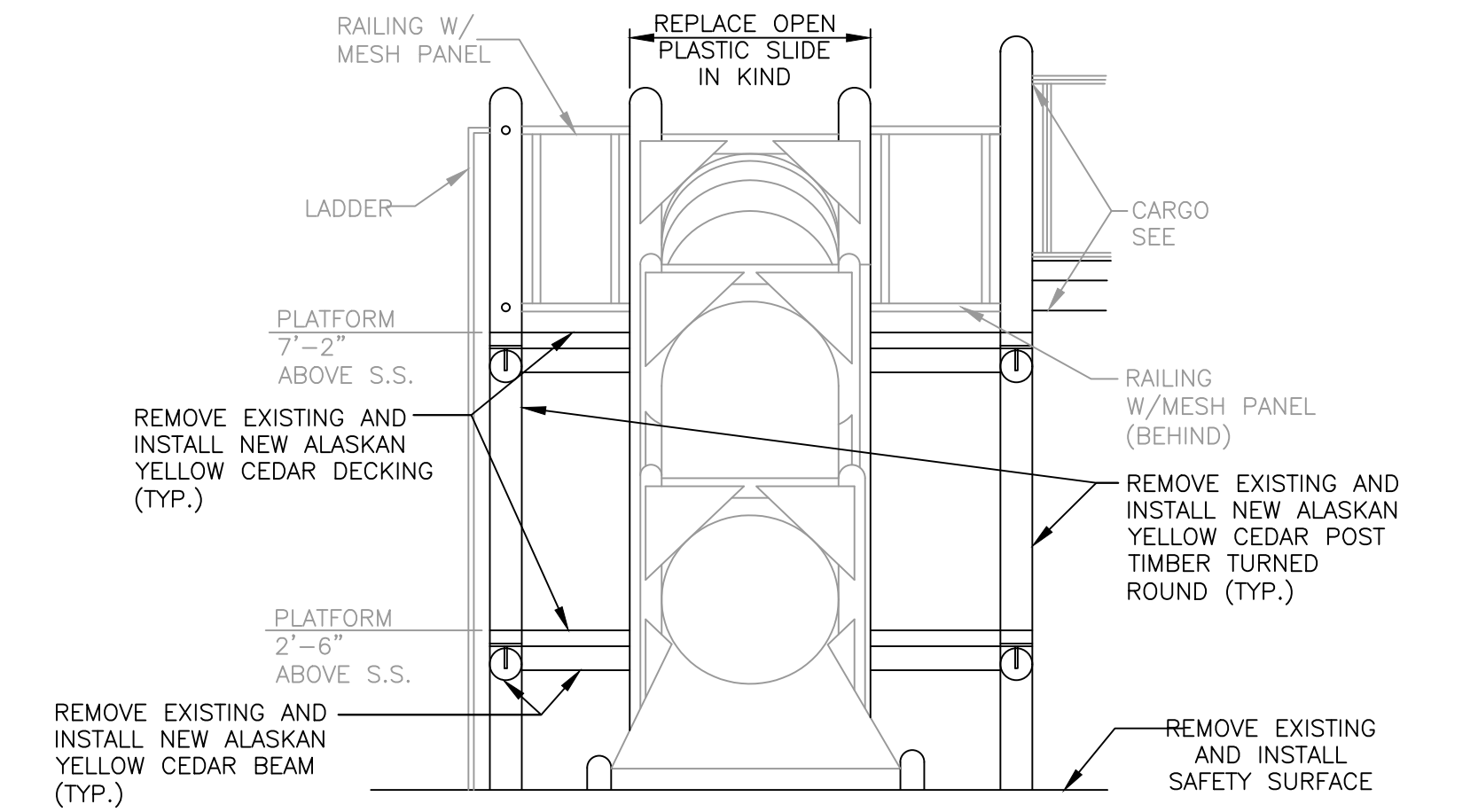


FRAMING AND FOOTING PLAN

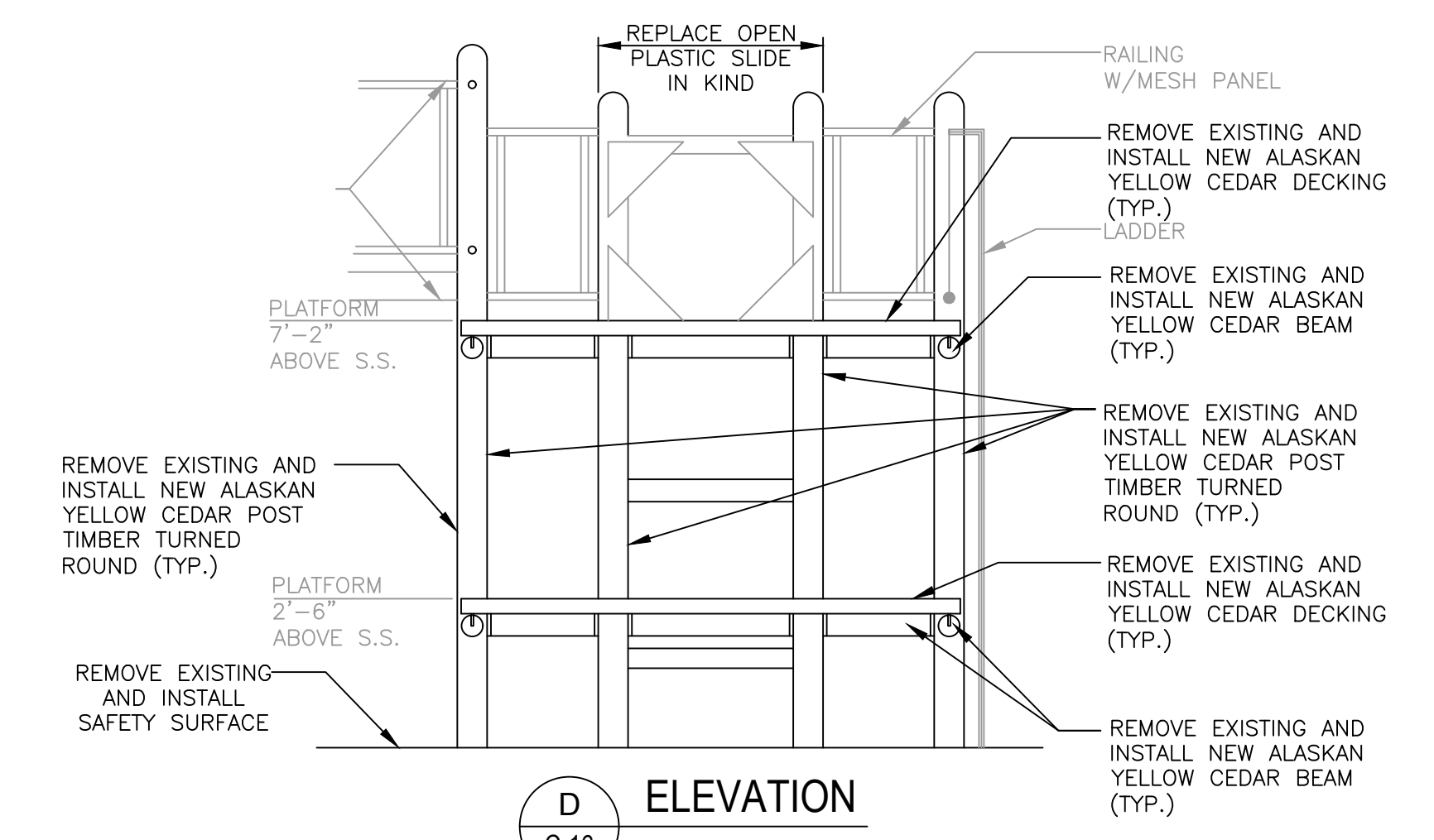
SCALE: 1"=10'

NOTE:

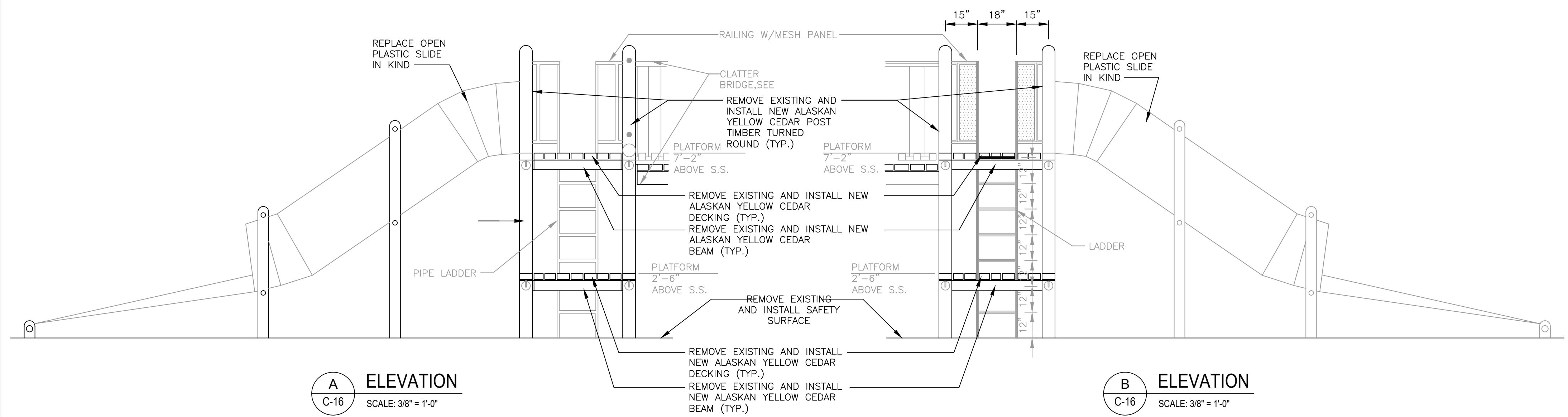
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- TIMBER POSTS, BEAMS, DECKING, STEPS, BRIDGE PLANKS, AND OTHER WOODEN ELEMENTS OF THE ENTIRE PLAYGROUND SITE SHALL BE REPLACED IN-KIND IN ACCORDANCE WITH CONTRACT WORK ITEMS #4, #8, #9, #15, AND #16.
- EXISTING STEEL SLEEVES WITH BASE PLATES FOR TIMBER POSTS SHALL REMAIN IN-PLACE, AND BE PROTECTED FOR RE-USE. REPLACEMENT OF EXISTING STEEL SLEEVES OR BASE PLATE ANCHOR BOLTS SHALL BE AS ORDERED BY THE ENGINEER UNDER CONTRACT UNIT PRICE ITEMS #1 & #2. COST FOR EXPOSING EXISTING SLEEVES AND BASE PLATES FOR INSPECTION BY THE ENGINEER SHALL BE INCLUDED IN BID PRICE FOR ITEM #8.
- DRAWINGS OF PLAYGROUND STRUCTURES INCLUDED HEREIN MAY NOT ACCURATELY REFLECT ALL CURRENT CONDITIONS AND ELEMENTS AT THE SITE. THE DETAILS HEREIN ARE PROVIDED FOR GENERAL INFORMATION. BID PRICE FOR CONTRACT WORK SHALL BE BASED ON ACTUAL CONDITIONS TO BE DETERMINED UNDER ITEMS #4 AND #5.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW OF CONNECTIONS OF NEW WOOD POST TO EXISTING MEMBERS.
- ALL NEW MEMBERS SHALL BE MECHANICALLY FASTENED TO NEW/EXISTING MEMBERS. EACH CONNECTION SHALL HAVE A MINIMUM OF TWO A307 BOLTS WITH STEEL CONNECTION PLATES OR ANGLES WITH A MINIMUM THICKNESS OF 1/2". CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL OF EACH CONNECTION TYPE.



C ELEVATION
C-16 SCALE: 3/8"=1'-0"

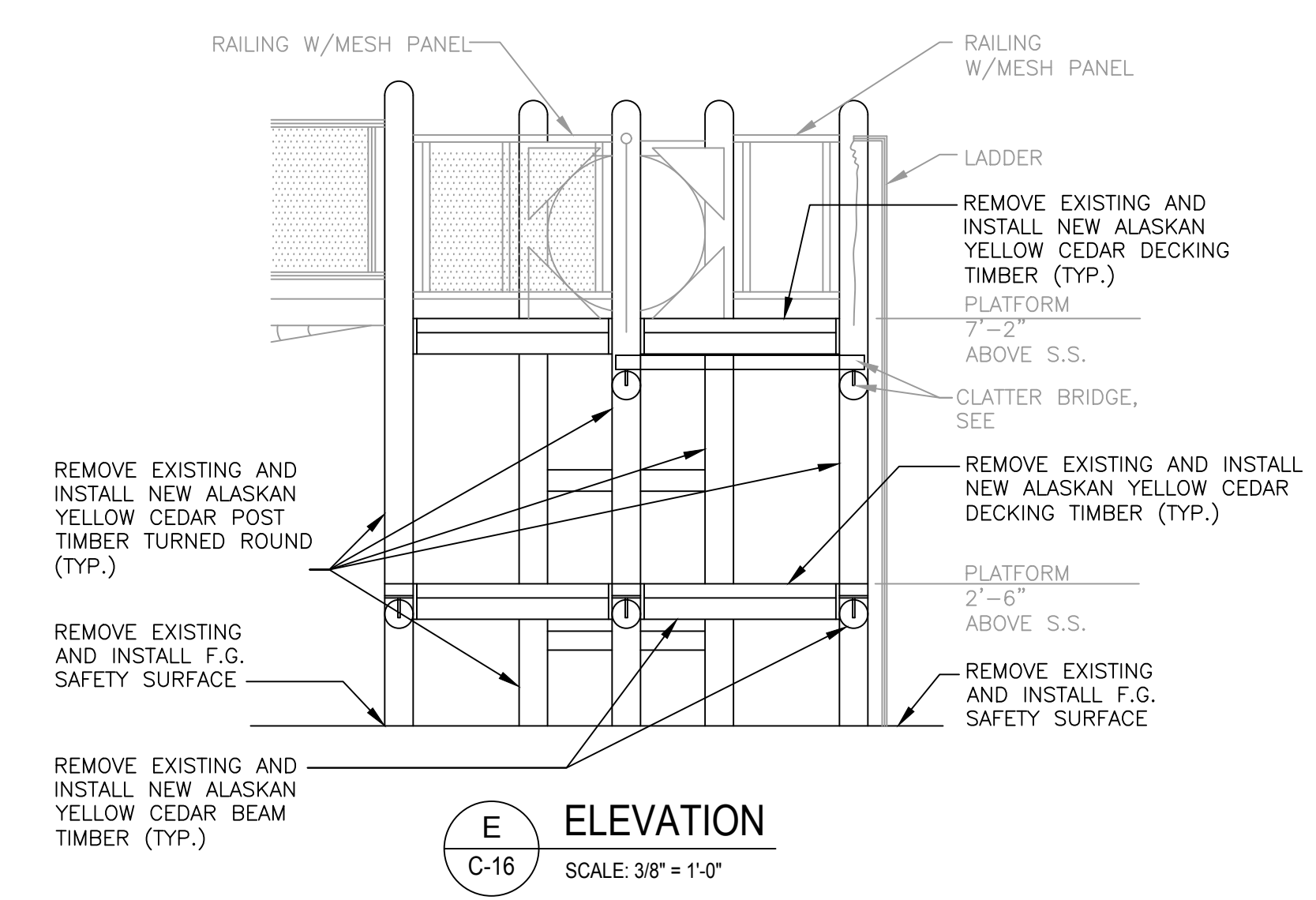


D ELEVATION
C-16 SCALE: 3/8"=1'-0"



A ELEVATION
C-16 SCALE: 3/8"=1'-0"

B ELEVATION
C-16 SCALE: 3/8"=1'-0"



E ELEVATION
C-16 SCALE: 3/8"=1'-0"

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

DESIGNED BY	MDC
CHECKED BY	CFK

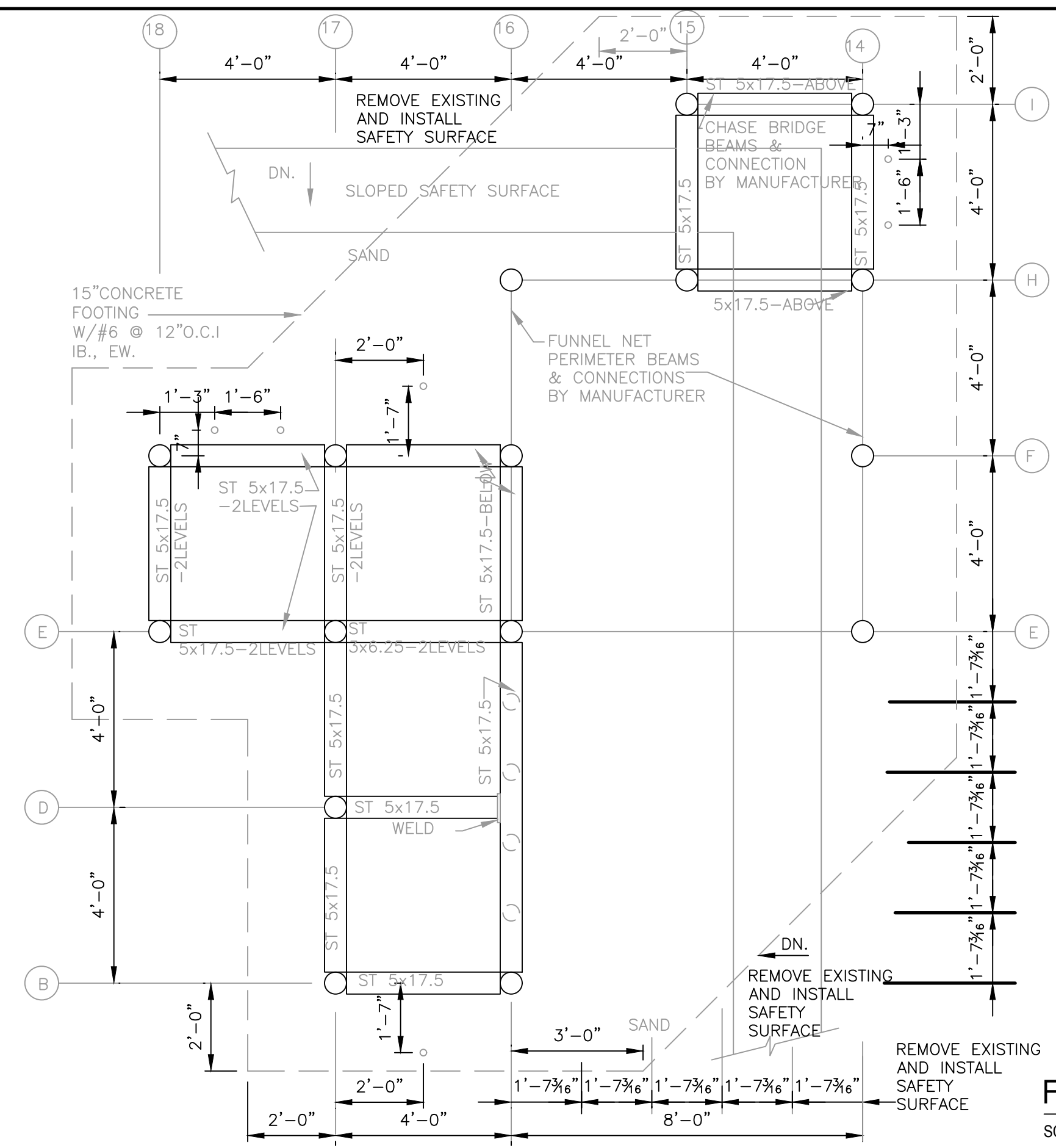
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BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION
AREA III-A DETAILS

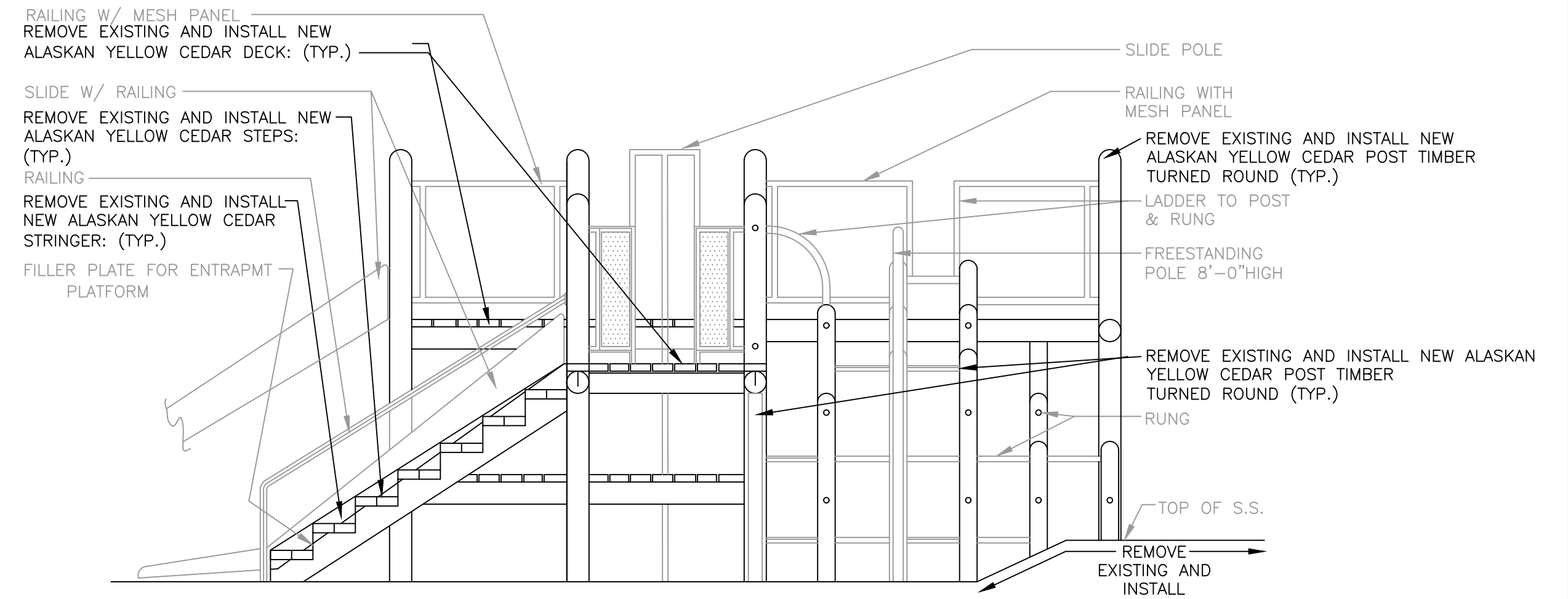
PROJECT NO.	2017200282.009	SHEET NO.	16 OF 23
DATE:	JULY 2018	DRAWING NO.	C-16
SCALE:	AS NOTED		



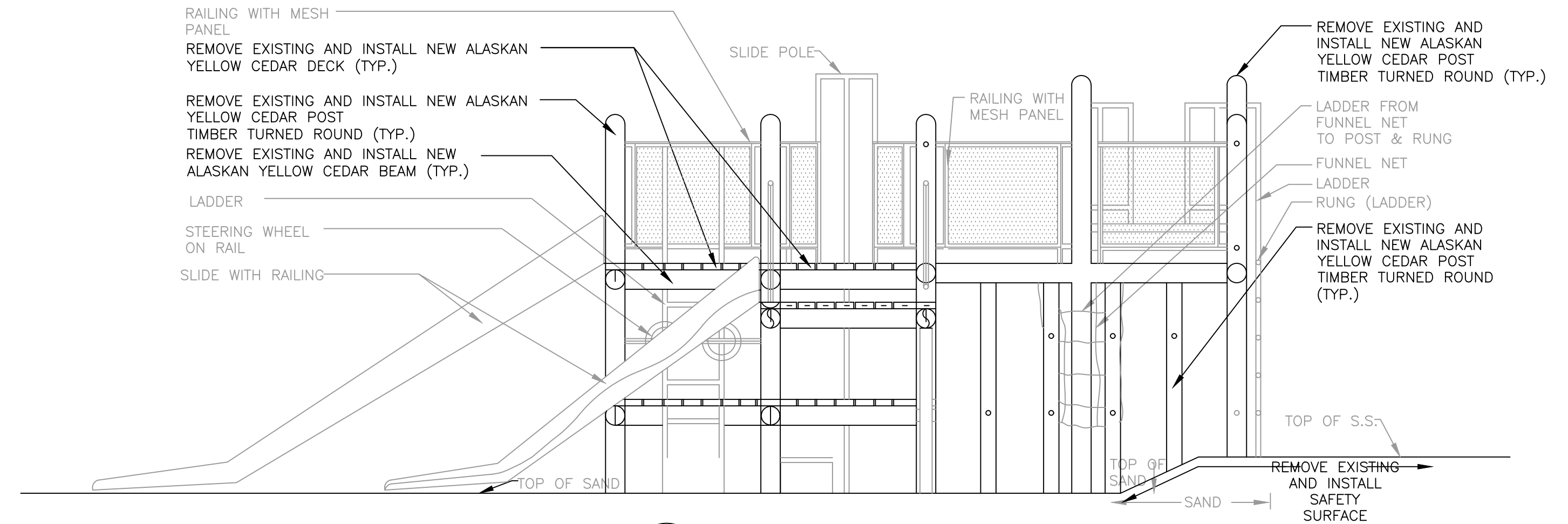
FRAMING AND FOOTING PLAN
SCALE: 3/8" = 1'-0"

NOTE:

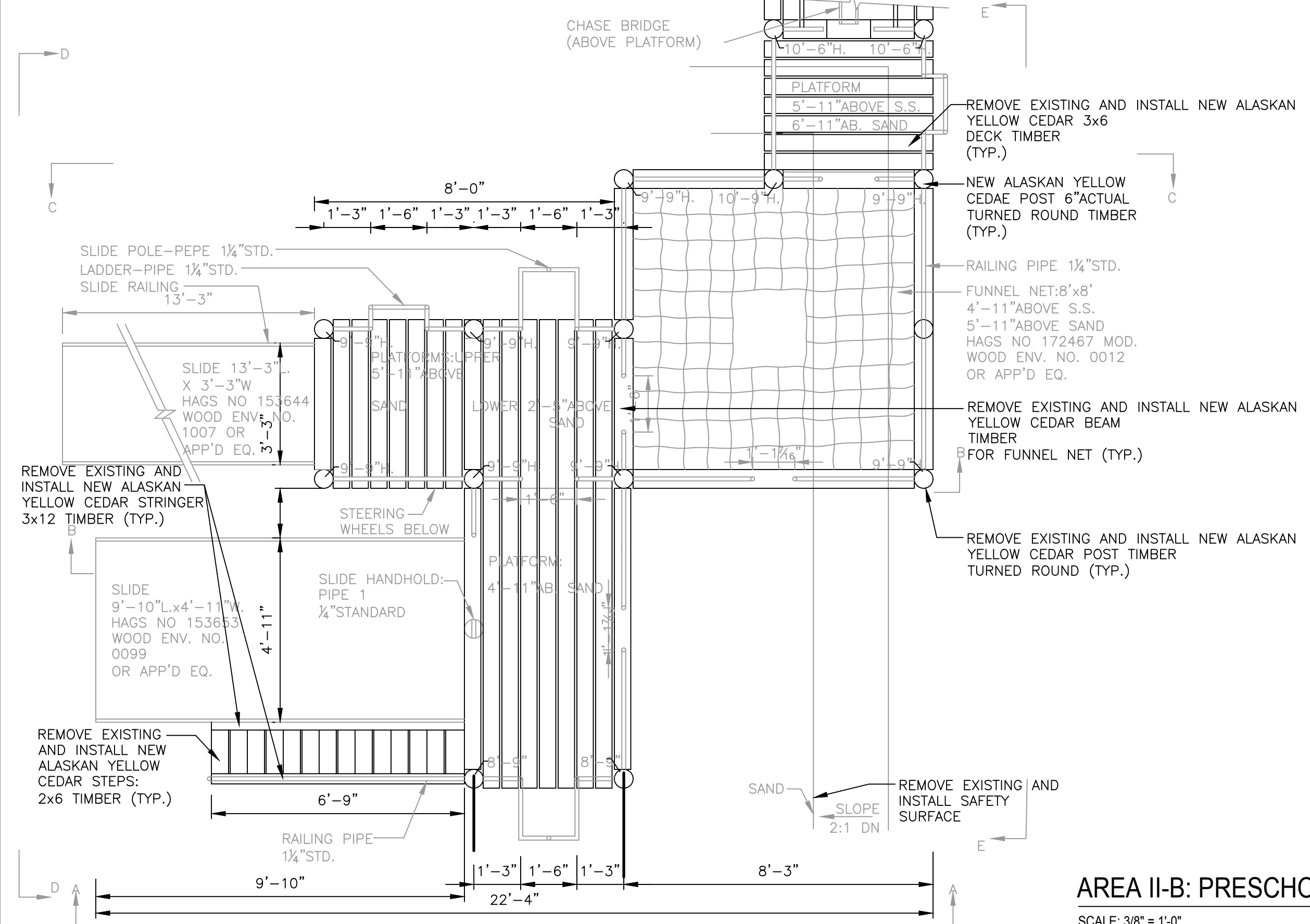
- STEEL AND OTHER ELEMENTS OF THE EXISTING PLAYGROUND STRUCTURES, EXCLUDING WOOD, ARE TO BE REMOVED, REFURBISHED, RESTORED, REPAIRED, STORED, REPAINTED AND REINSTALLED IN ACCORDANCE WITH THE CONTRACT WORK ITEMS #4, #10, #14 AND #17 RESPECTIVELY.
- TIMBER POSTS, BEAMS, DECKING, STEPS, BRIDGE PLANKS, AND OTHER WOODEN ELEMENTS OF THE ENTIRE PLAYGROUND SITE SHALL BE REPLACED IN-KIND IN ACCORDANCE WITH CONTRACT WORK ITEMS #4, #8, #19, #15, AND #16.
- EXISTING STEEL SLEEVES WITH BASE PLATES FOR TIMBER POSTS SHALL REMAIN IN-PLACE, AND BE PROTECTED FOR RE-USE. REPLACEMENT OF EXISTING STEEL SLEEVES OR BASE PLATE ANCHOR BOLTS SHALL BE AS ORDERED BY THE ENGINEER UNDER CONTRACT UNIT PRICE ITEMS #1 & #2. COST FOR EXPOSING EXISTING SLEEVES AND BASE PLATES FOR INSPECTION BY THE ENGINEER SHALL BE INCLUDED IN BID PRICE FOR ITEM #8.
- DRAWINGS OF PLAYGROUND STRUCTURES INCLUDED HEREIN MAY NOT ACCURATELY REFLECT ALL CURRENT CONDITIONS AND ELEMENTS AT THE SITE. THE DETAILS HEREIN ARE PROVIDED FOR GENERAL INFORMATION. BID PRICE FOR CONTRACT WORK SHALL BE BASED ON ACTUAL CONDITIONS TO BE DETERMINED UNDER ITEMS #4 AND #5.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW OF CONNECTIONS OF NEW WOOD TO EXISTING MEMBERS.
- ALL NEW MEMBERS SHALL BE MECHANICALLY FASTENED TO NEW/EXISTING MEMBERS. EACH CONNECTION SHALL HAVE A MINIMUM OF TWO A307 BOLTS WITH STEEL CONNECTION PLATES OR ANGLES WITH A MINIMUM THICKNESS OF 1/2". CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL OF EACH CONNECTION TYPE.



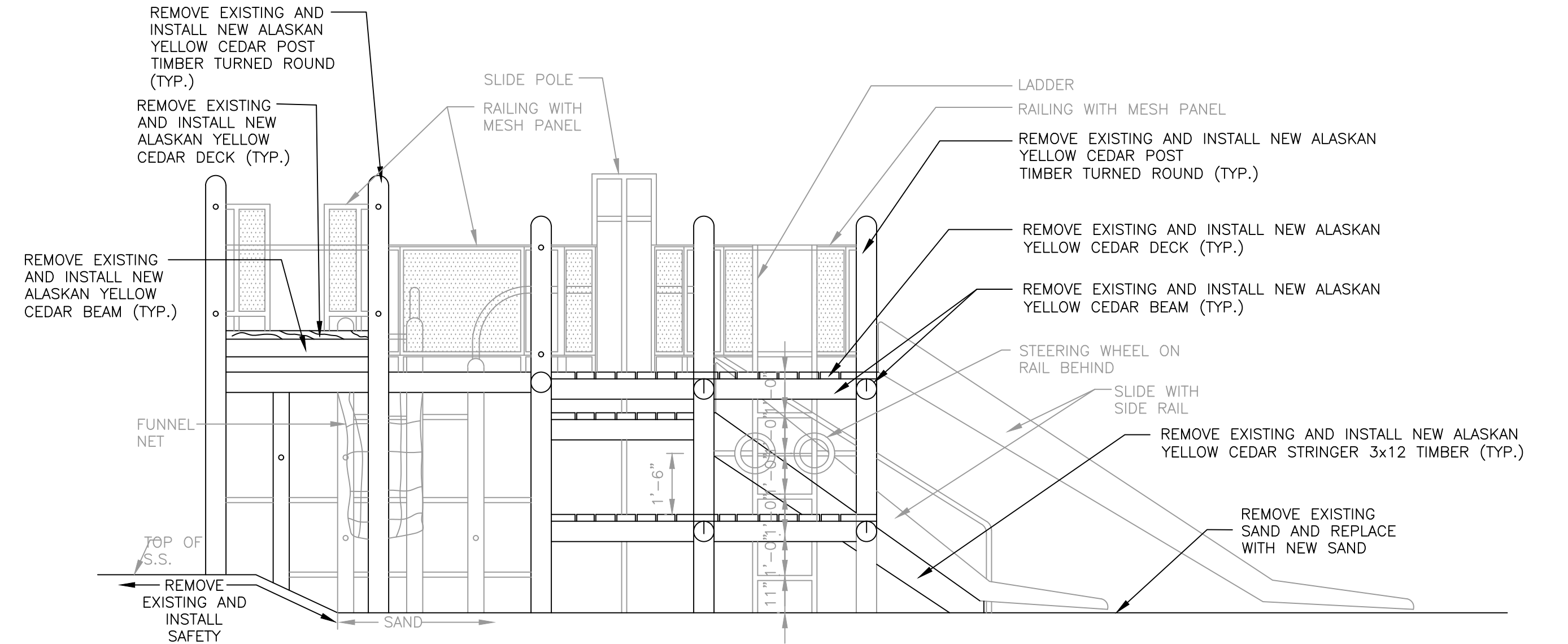
A ELEVATION
C-17 SCALE: 3/8" = 1'-0"



B ELEVATION
C-17 SCALE: 3/8" = 1'-0"



AREA II-B: PRESCHOOL PLAY UNITS
SCALE: 3/8" = 1'-0"



C ELEVATION
C-17 SCALE: 3/8" = 1'-0"

NO.	DATE	REVISION	INT.
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CHECKED BY	CFK

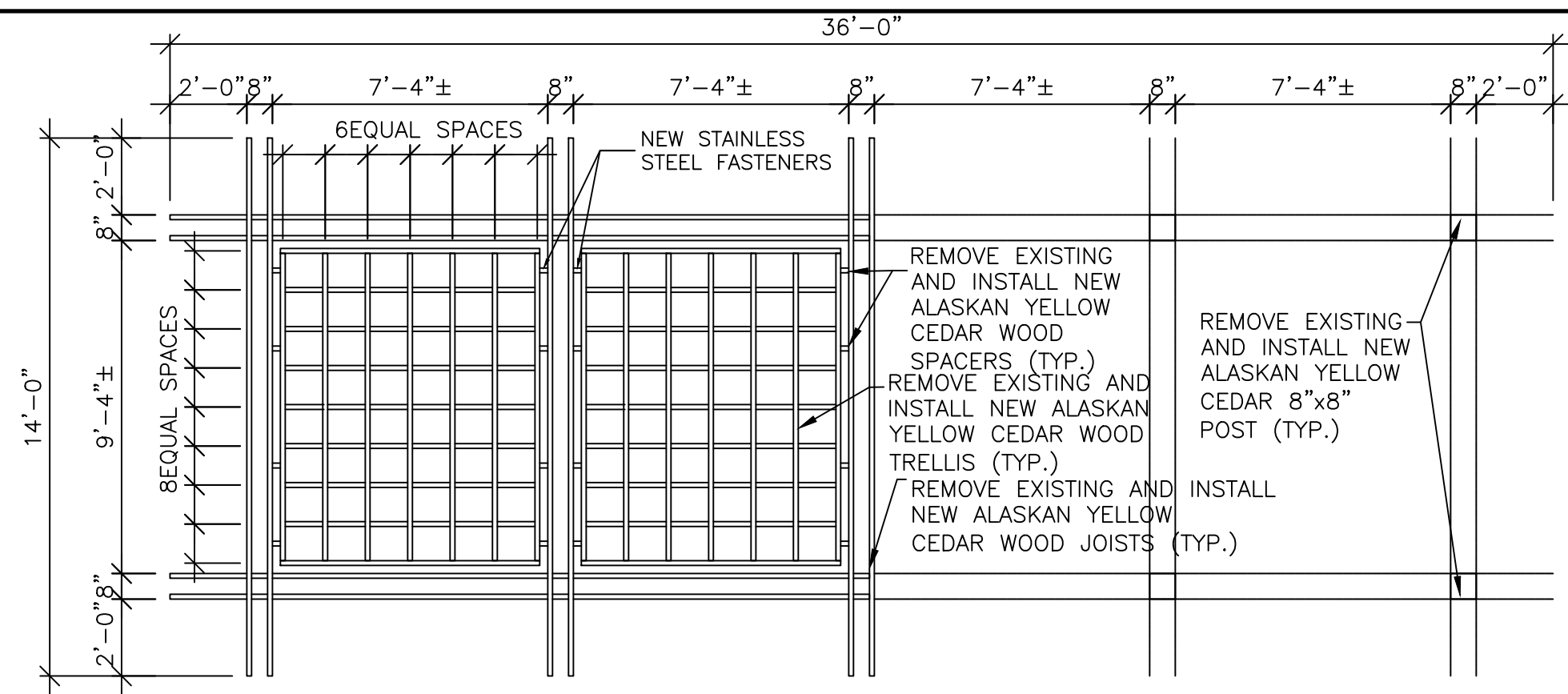
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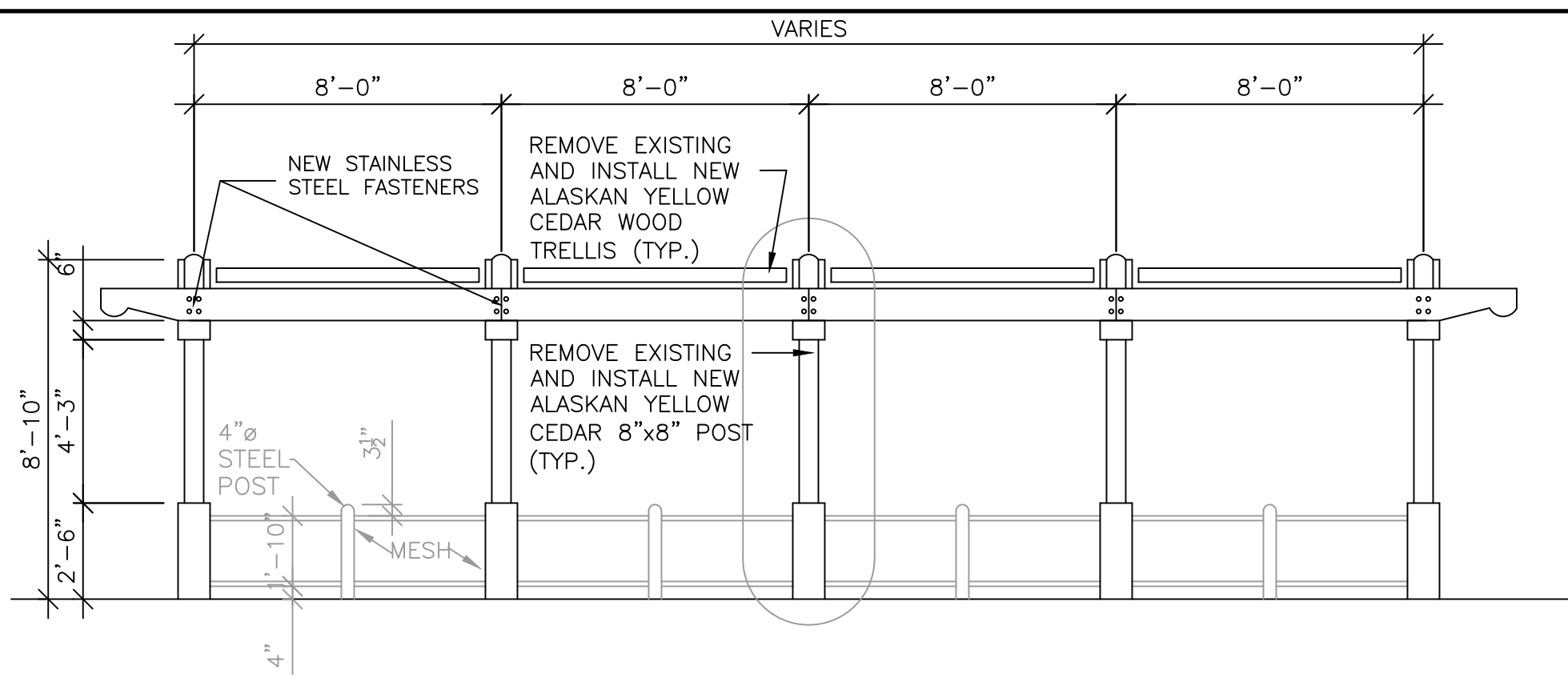
BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION
AREA II-B DETAILS

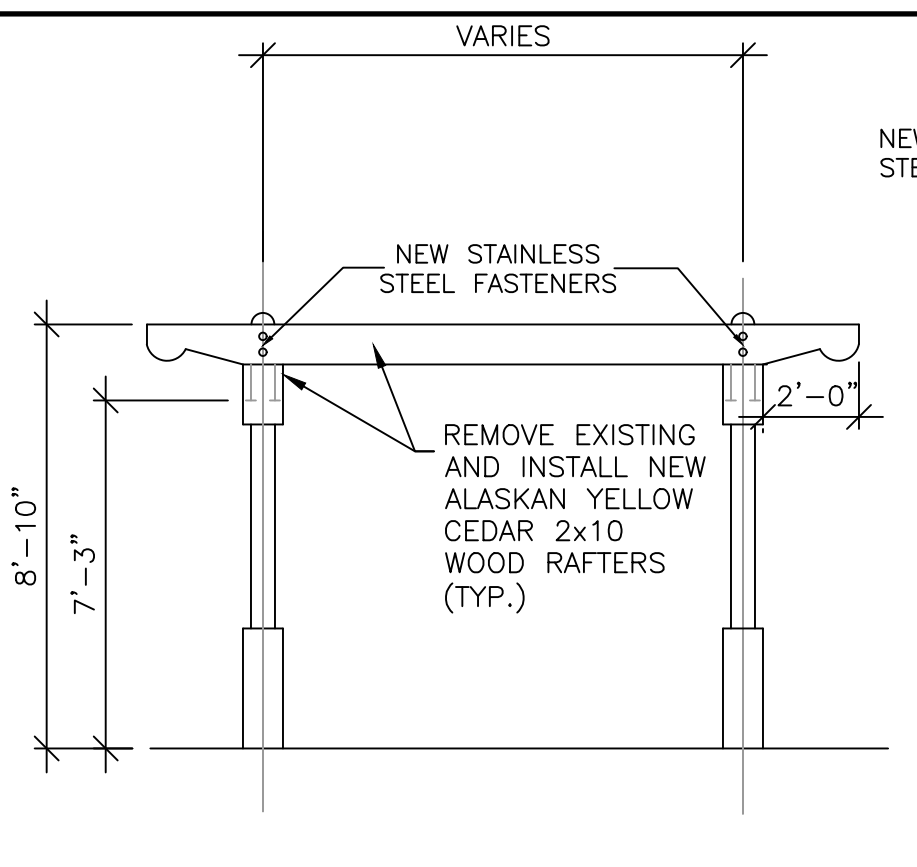
PROJECT NO.	2017200282.009	SHEET NO.	17 OF 23
DATE:	JULY 2018	DRAWING NO.	C-17
SCALE:	AS NOTED		



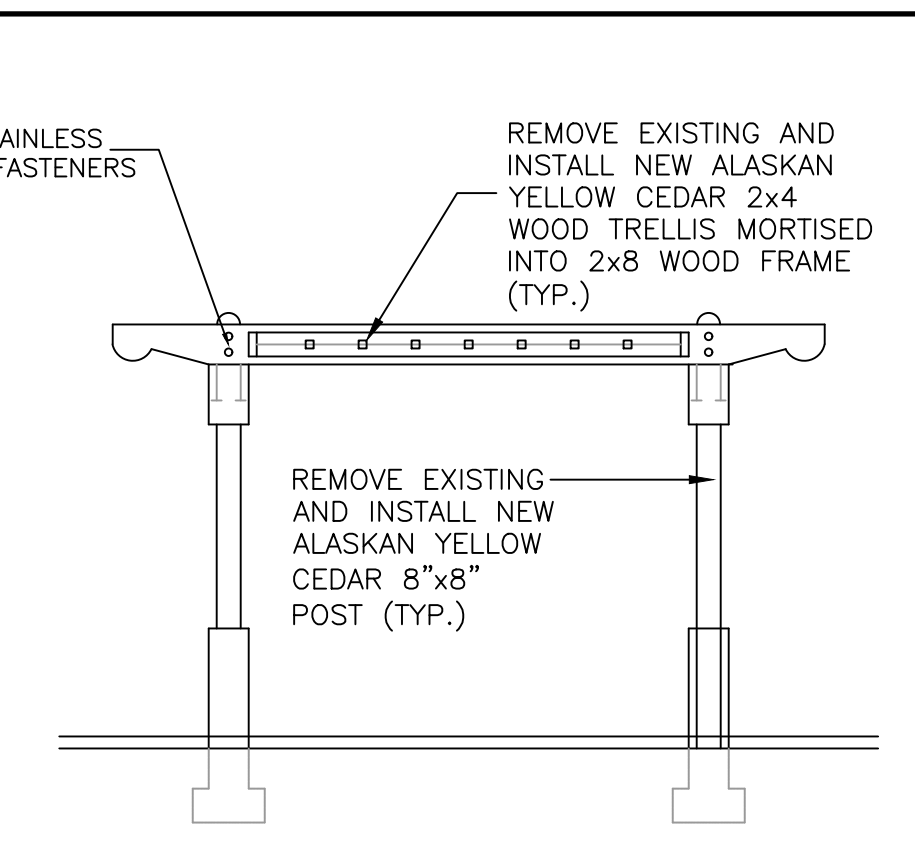
1 North Pergola Plan And Roof Plan
SCALE: 1/4"=1'-0"



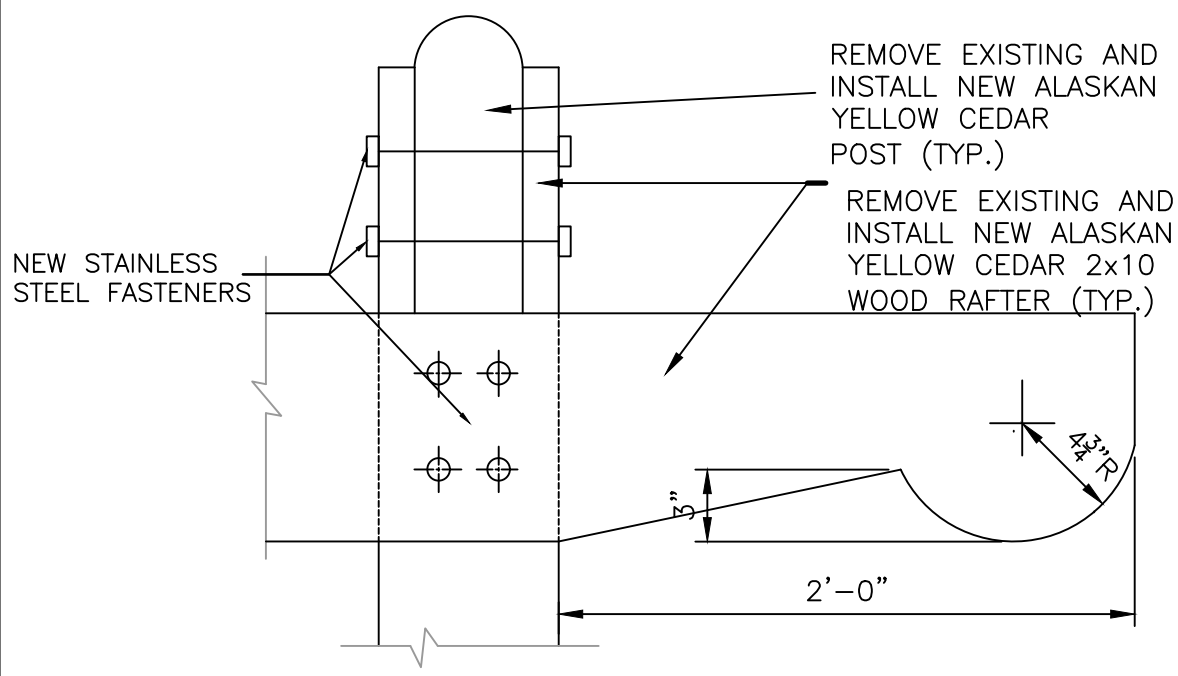
2 Pergola East Elevation
SCALE: 1/4"=1'-0"



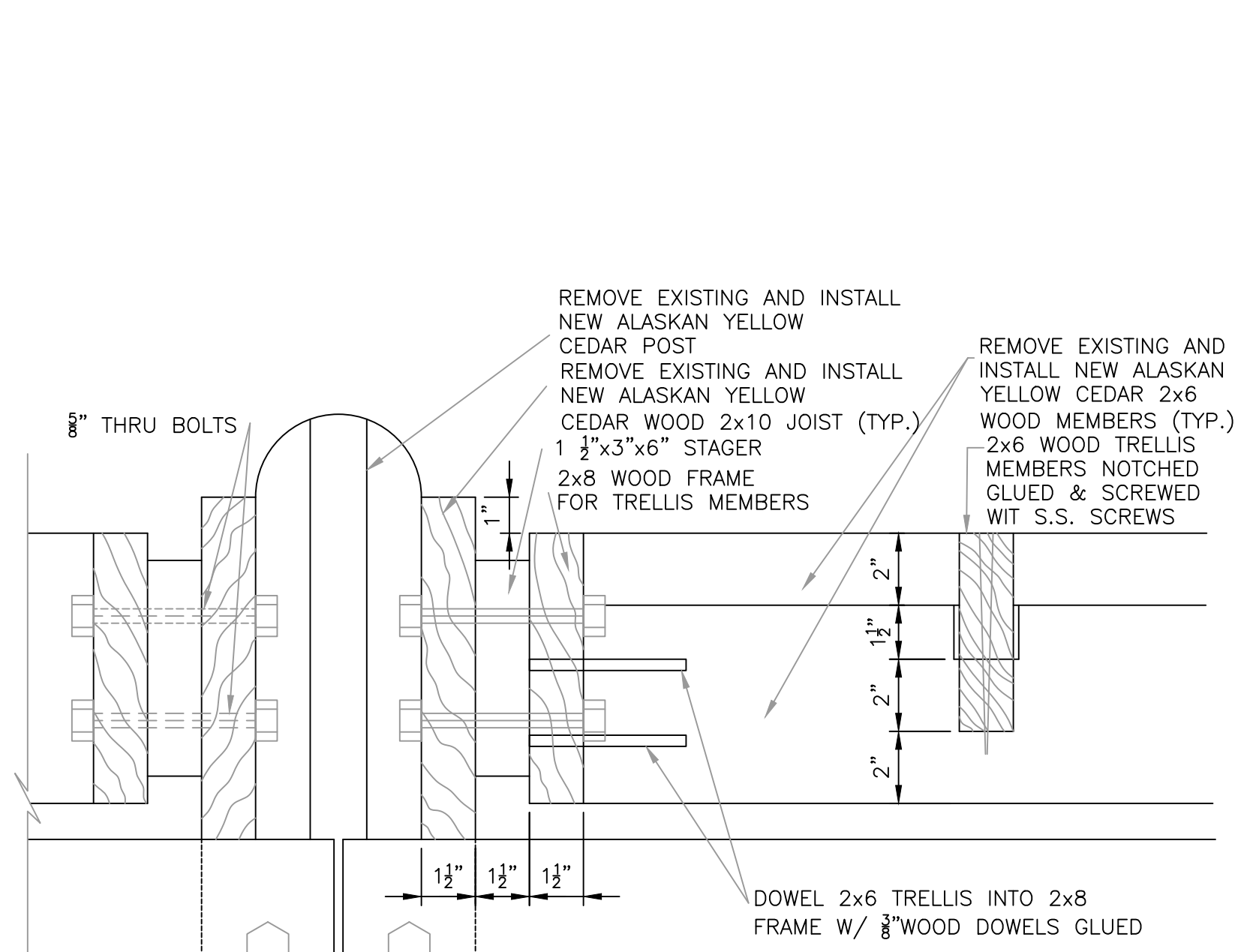
3 Pergola North Elevation
SCALE: 1/4"=1'-0"



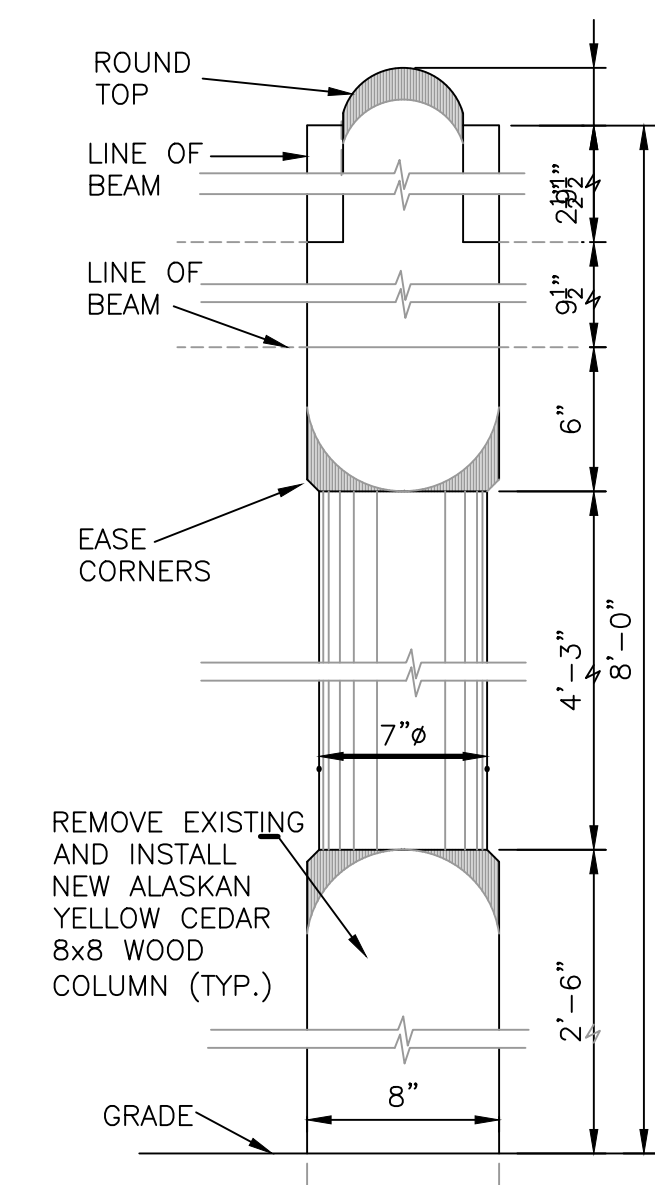
4 Pergola Cross section
SCALE: 1/4"=1'-0"



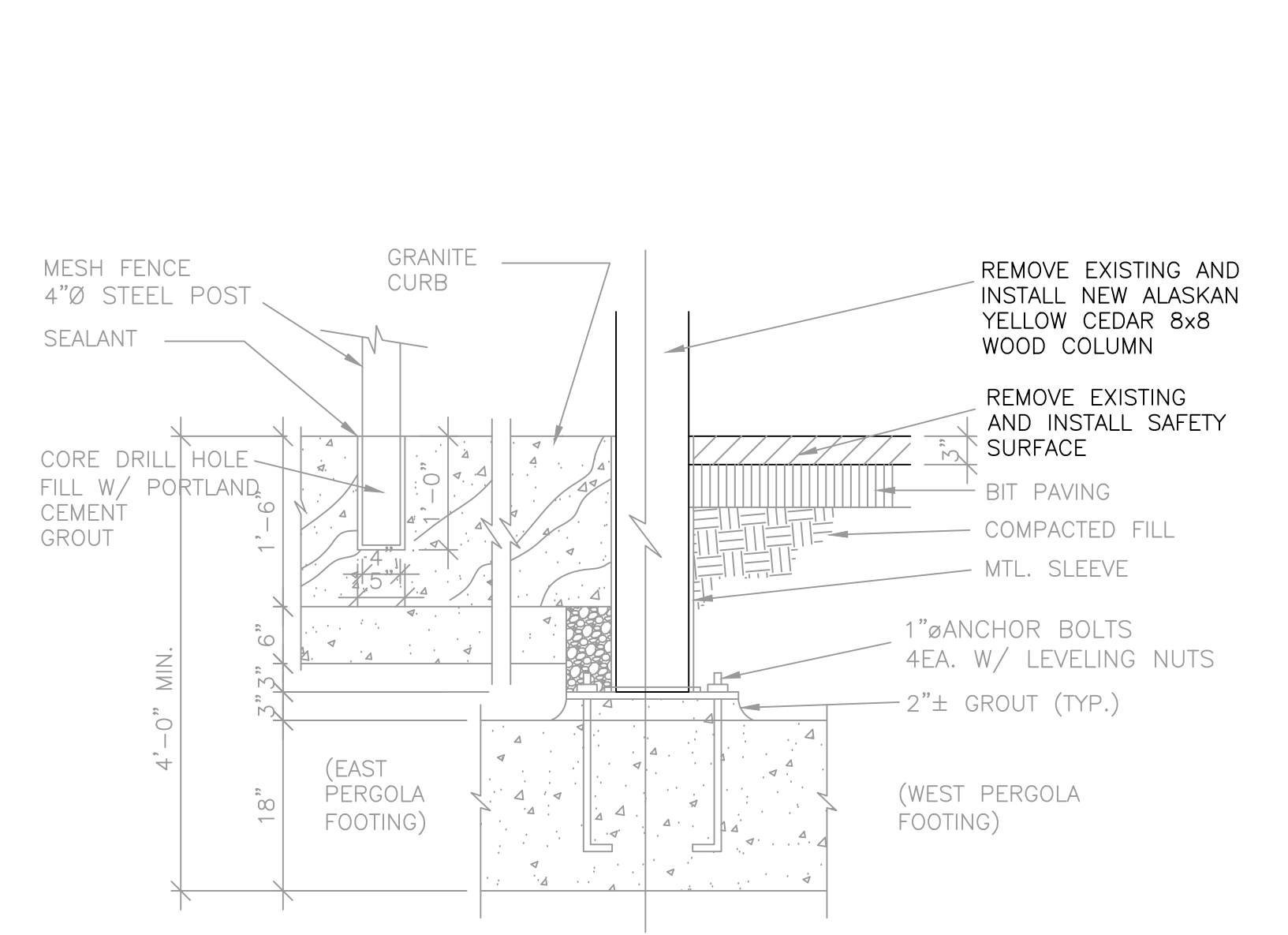
5 Rafter Detail
SCALE: 1 1/2"=1'-0"



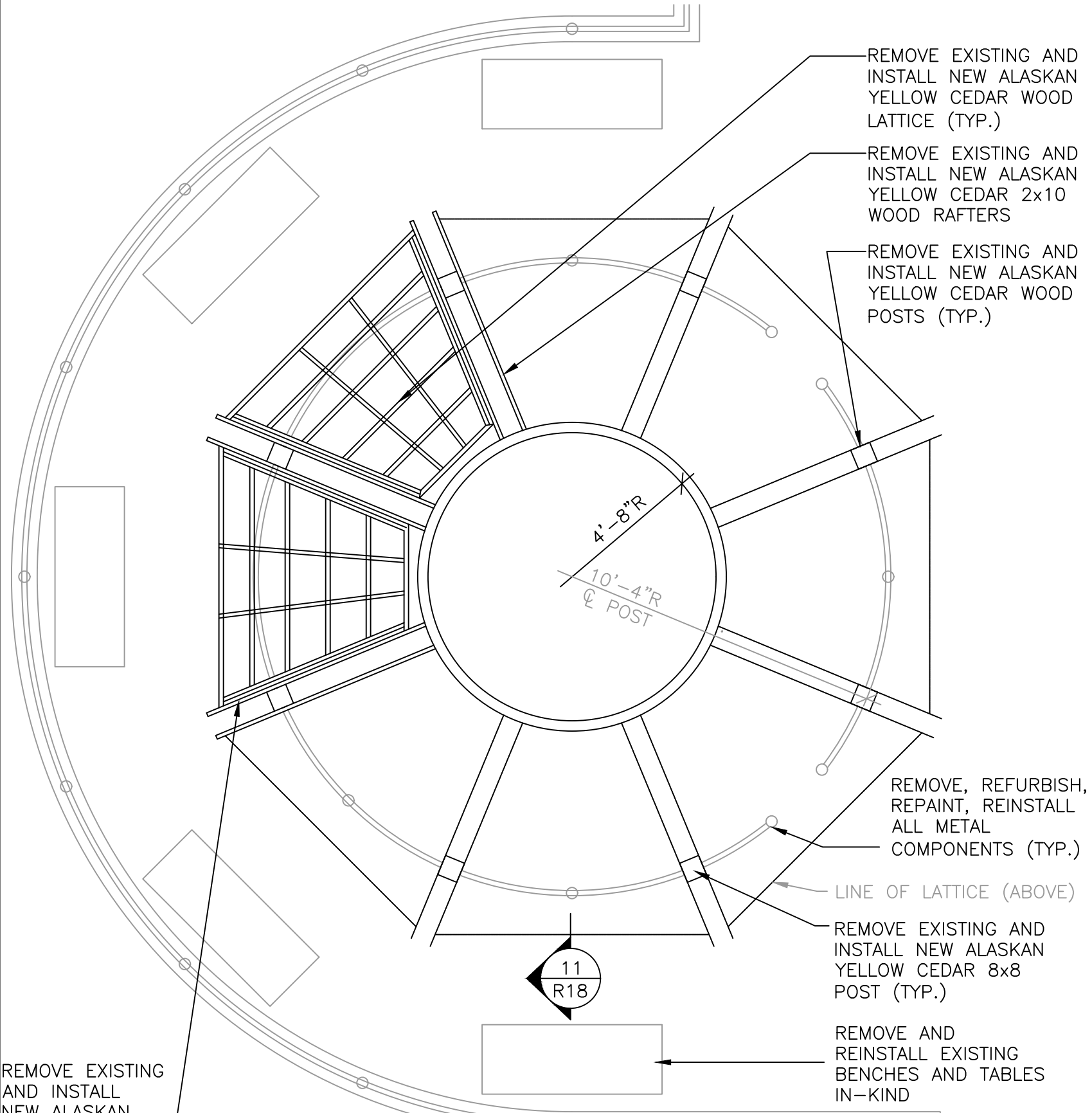
6 Lattice Detail
SCALE: 3"=1'-0"



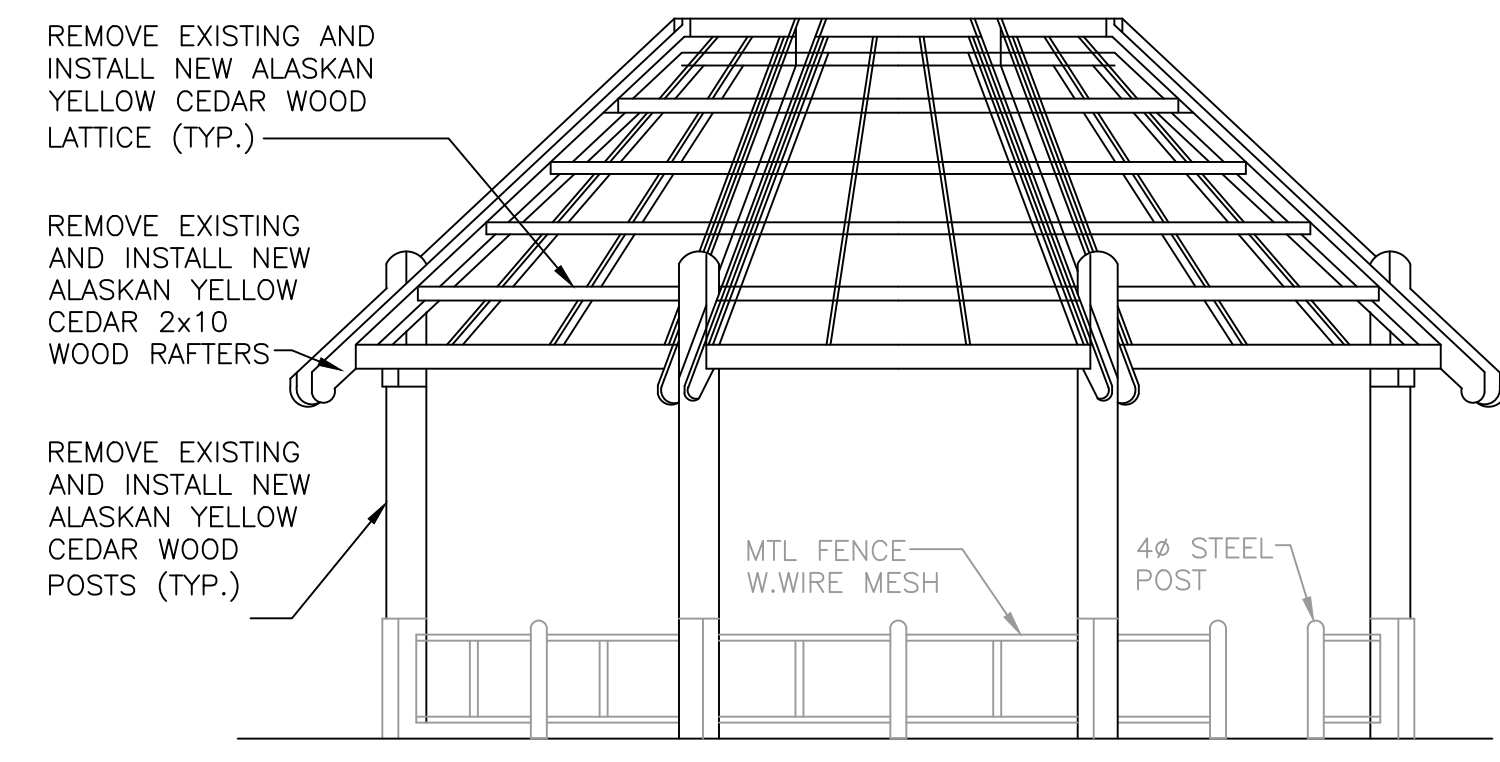
7 Column Detail
SCALE: 1 1/2"=1'-0"



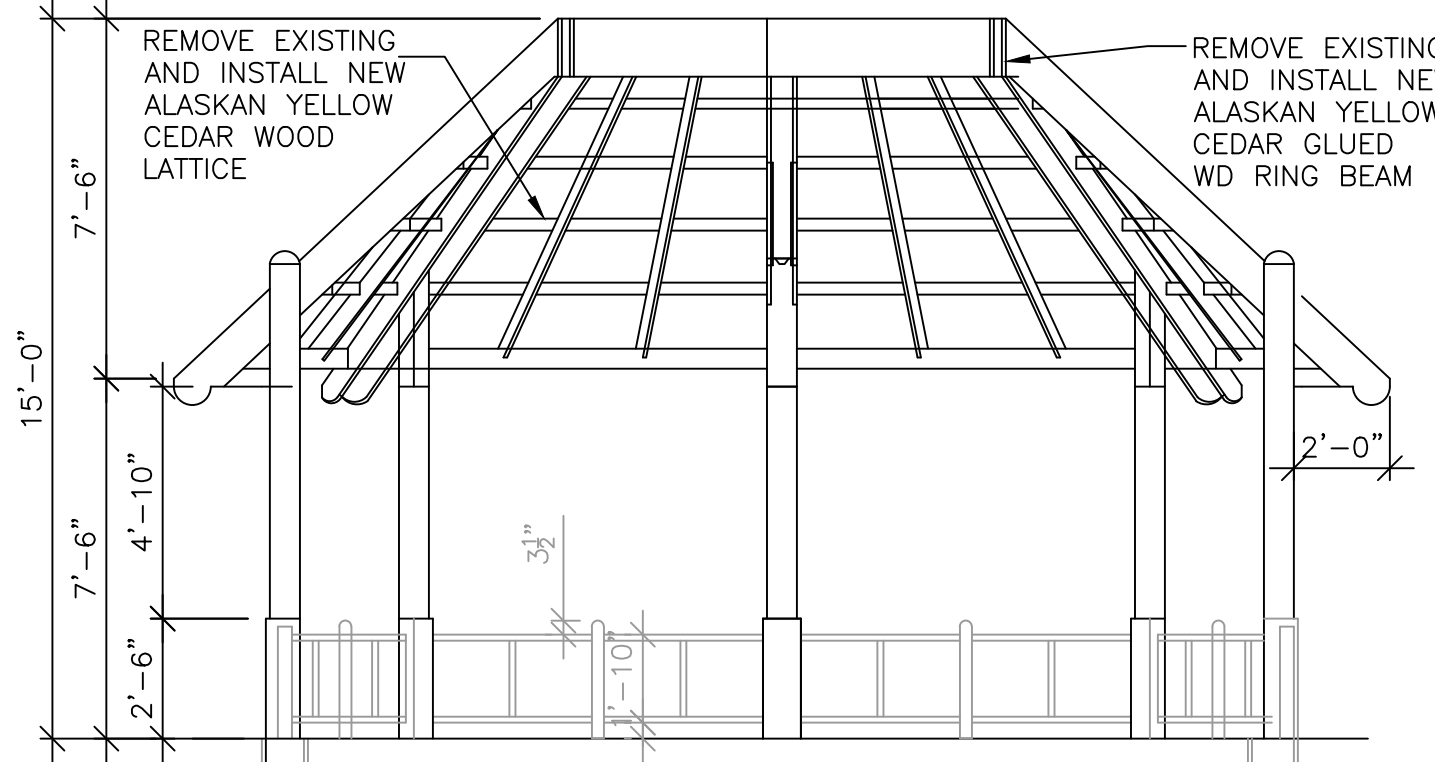
8 Footing Detail
SCALE: 3/4"=1'-0"



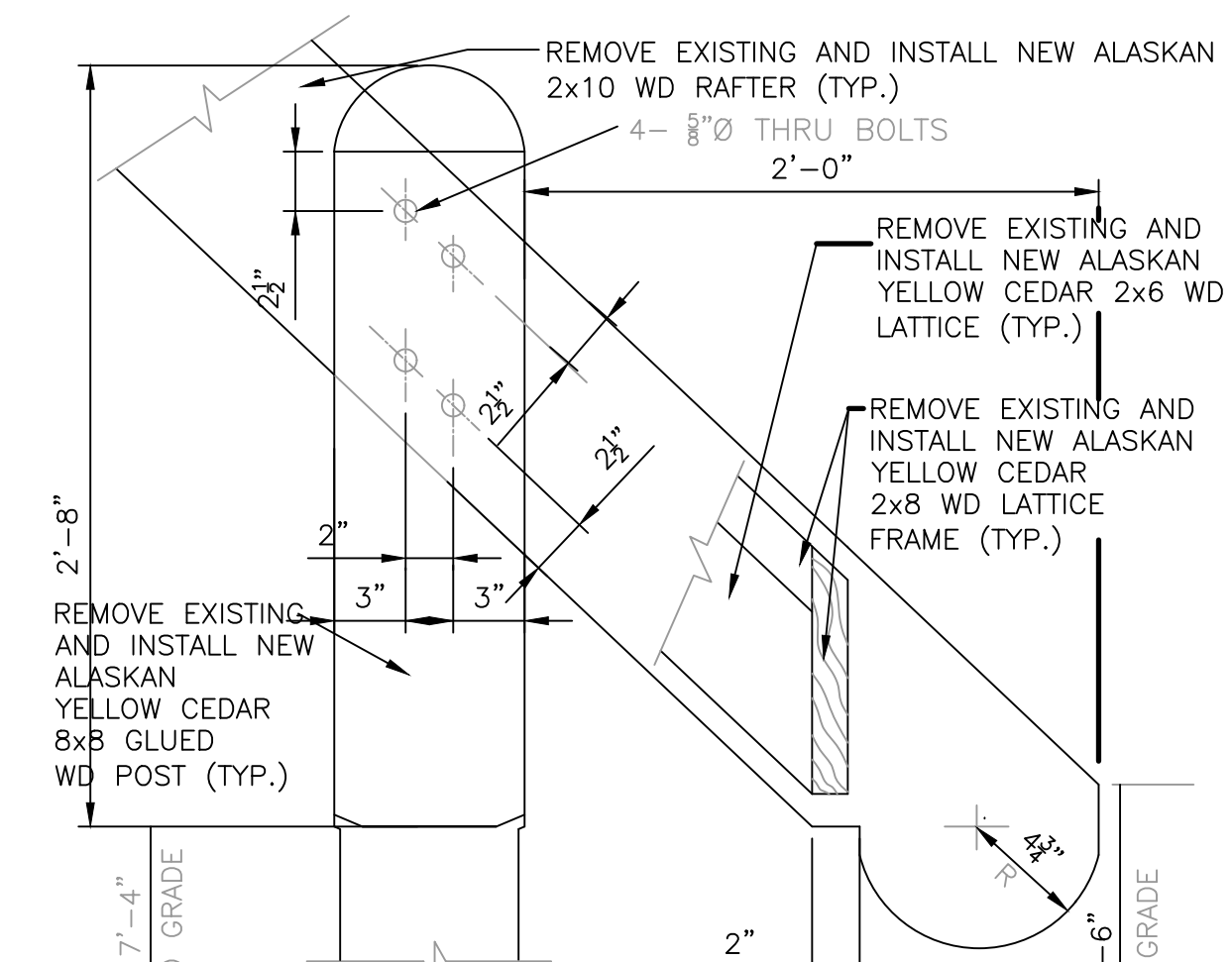
9 Carousel Plan and Roof Plan.
SCALE: 1/4"=1'-0"



10 Carousel East Elevation
SCALE: 1/4"=1'-0"



11 Carousel Section
SCALE: 1/4"=1'-0"



12 Rafter Detail
SCALE: 1 1/2"=1'-0"

NOTE: PERGOLA DETAILS ARE FOR AREAS I AND III AND BOTH SHALL BE REPLACED. ADD VERTICAL 1"x1" LATTICE TO SOUTH PERGOLA.

NO.	DATE	REVISION	INT.
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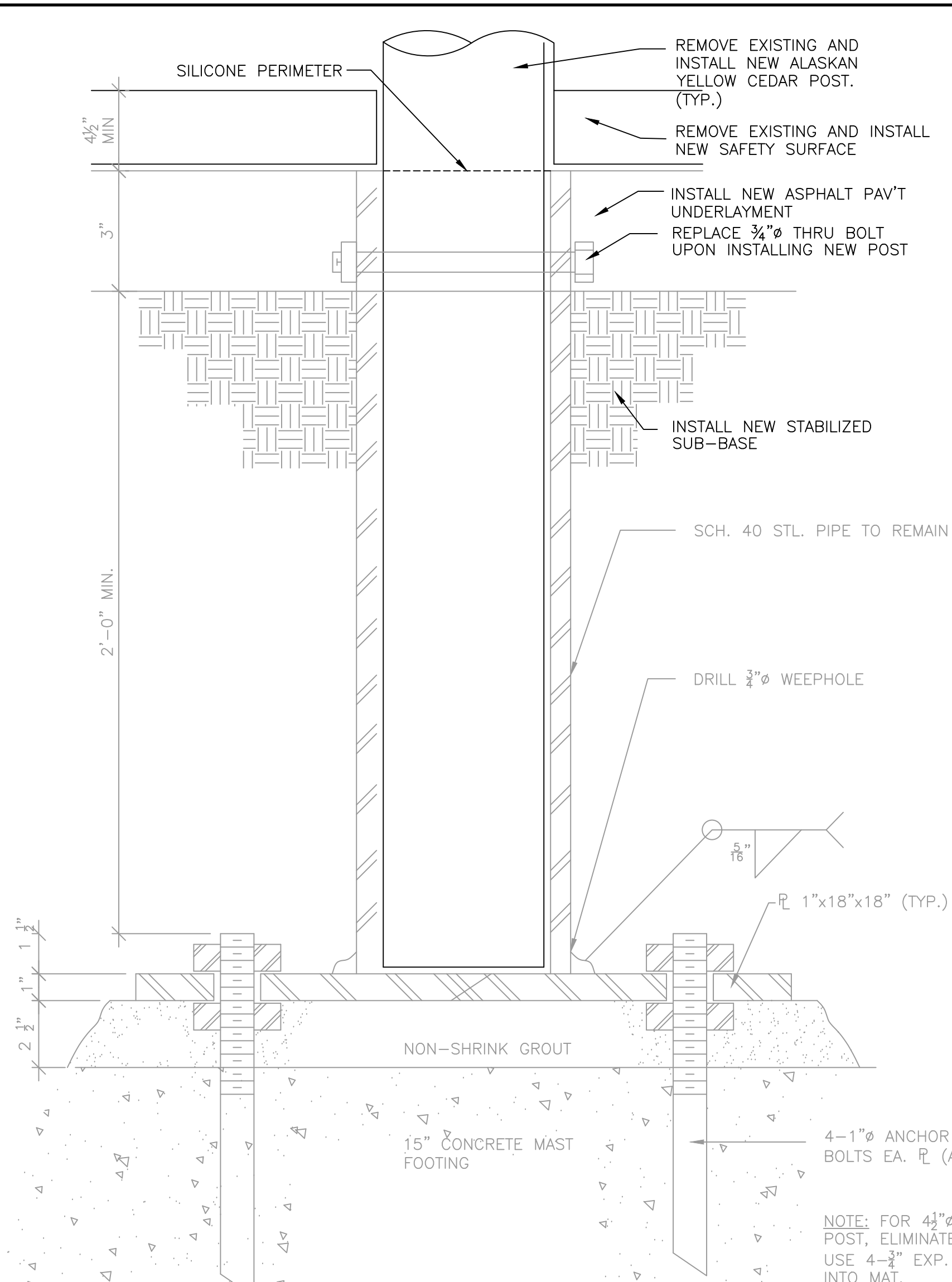
DESIGNED BY	MDC
CHECKED BY	CFK



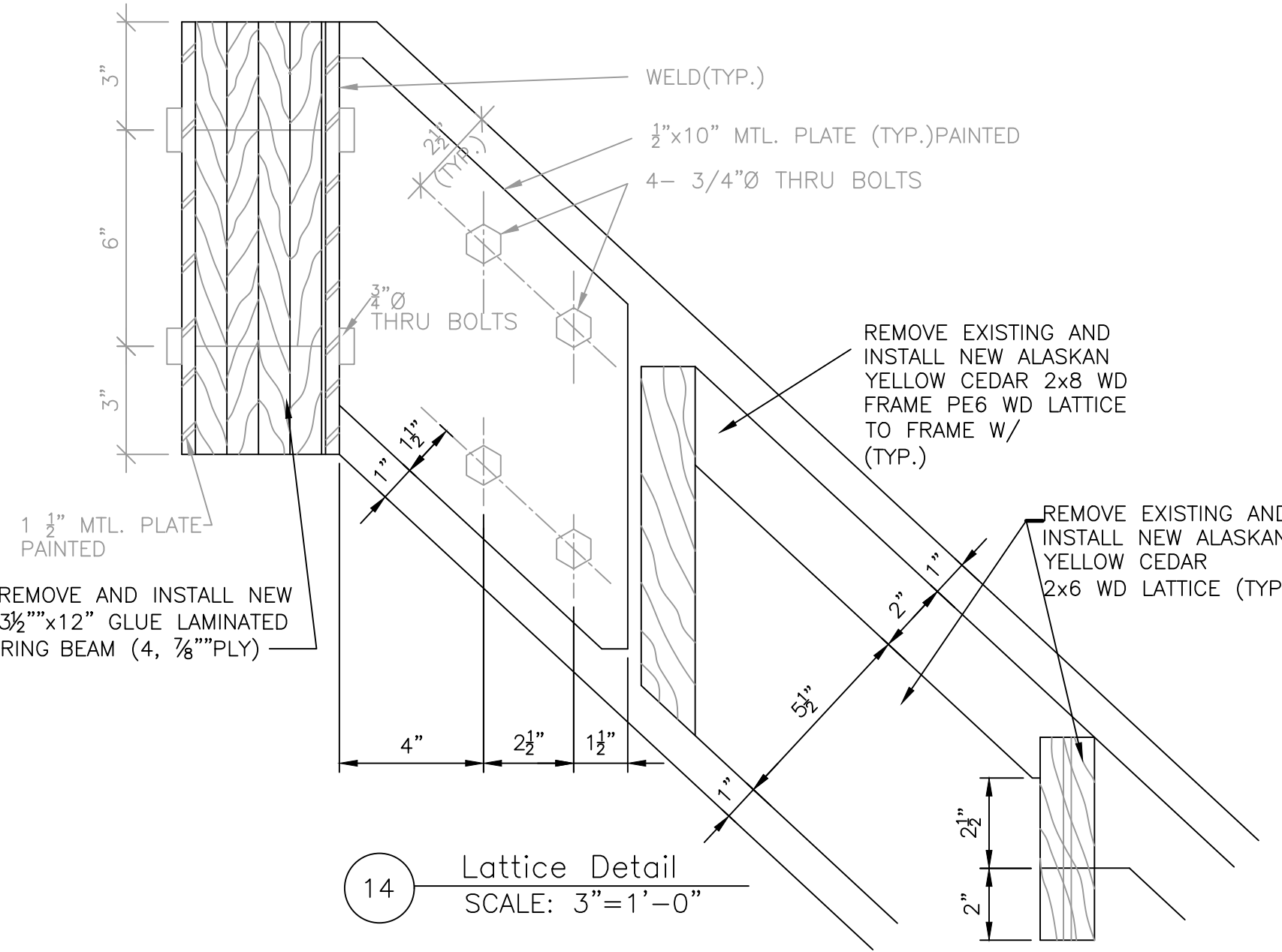
BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION
AREA NORTHPARK PLAYGROUND - I

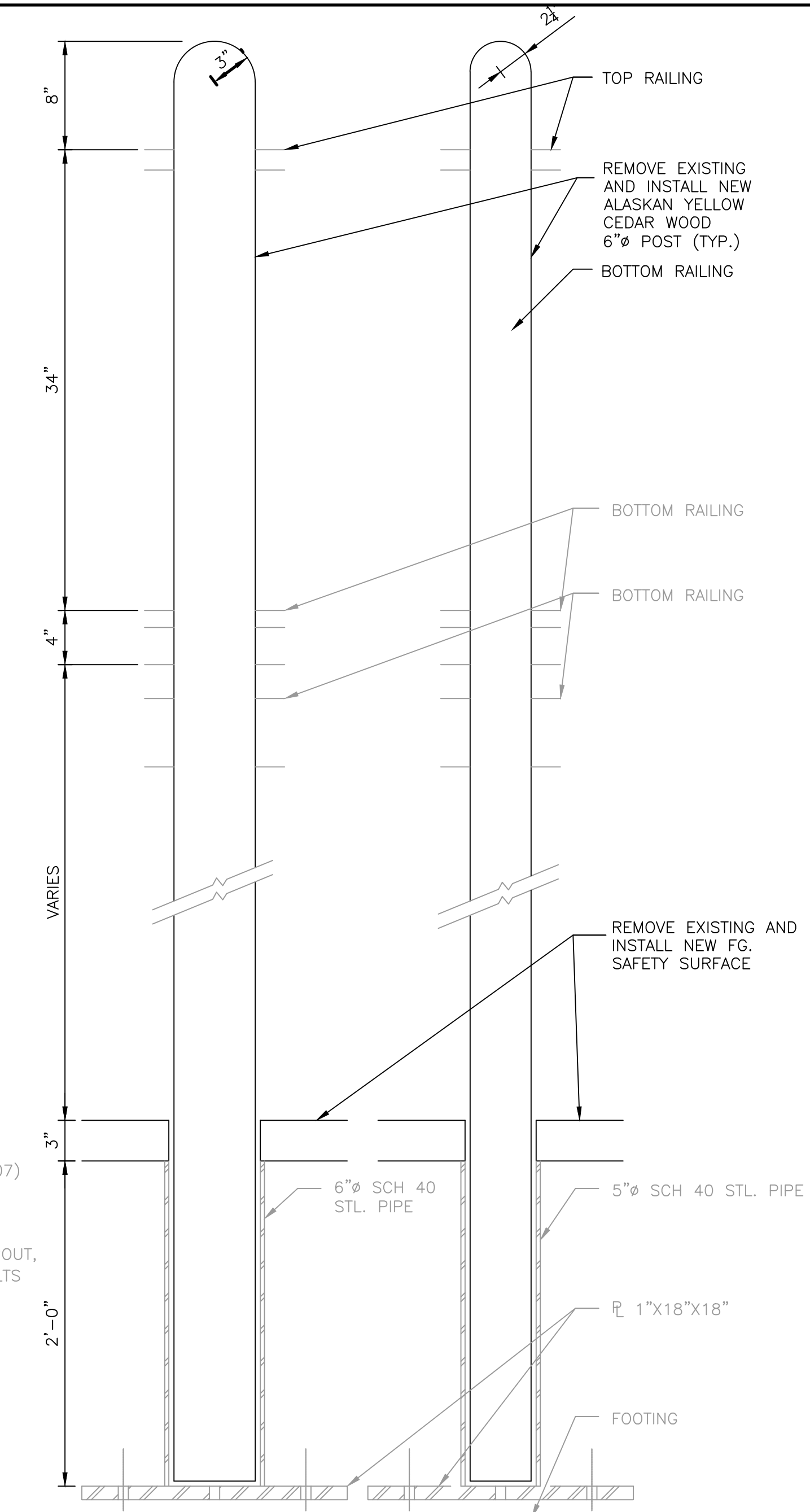
PROJECT NO.	2017200282.009	SHEET NO.	18 OF 23
DATE:	JULY 2018	DRAWING NO.	C-18
SCALE:	AS NOTED		



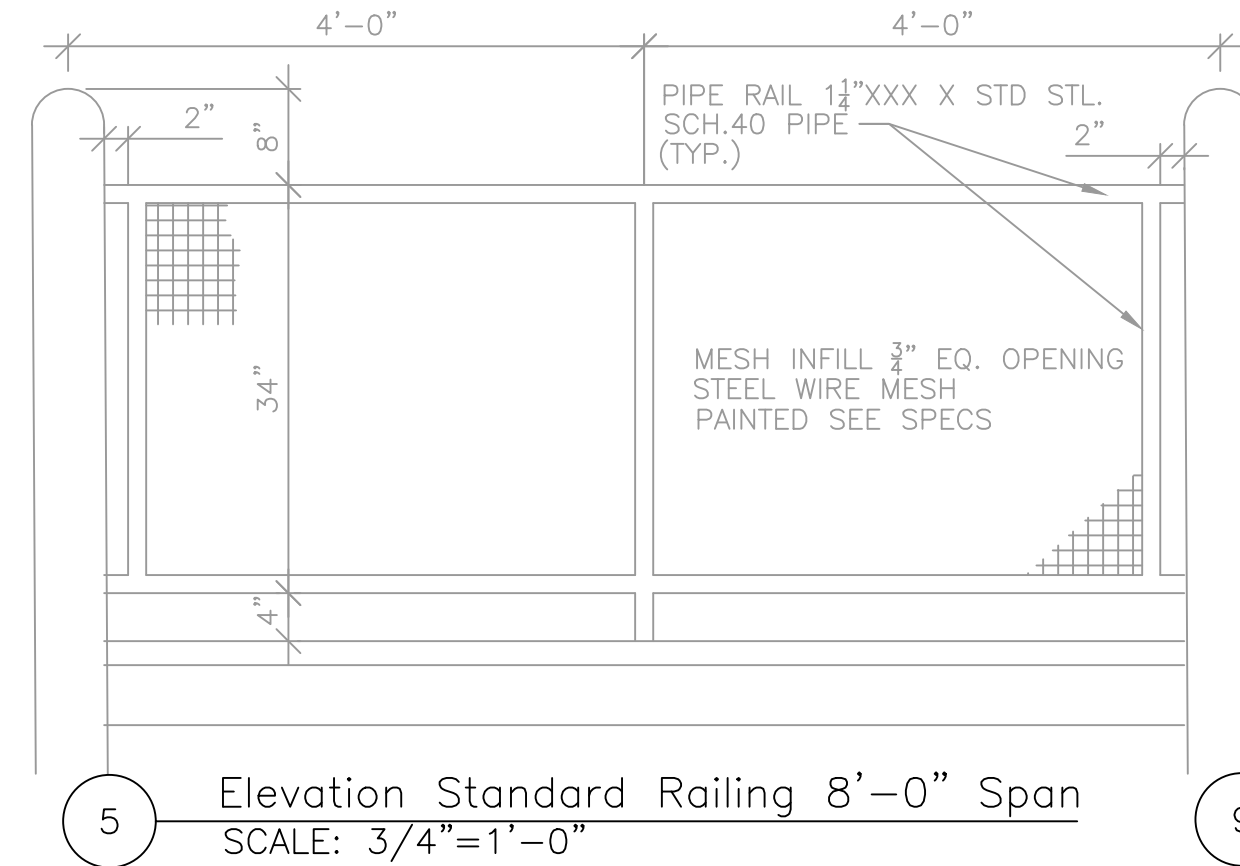
1 Detail Section at Typical Post Footing
SCALE: 3"=1'-0"



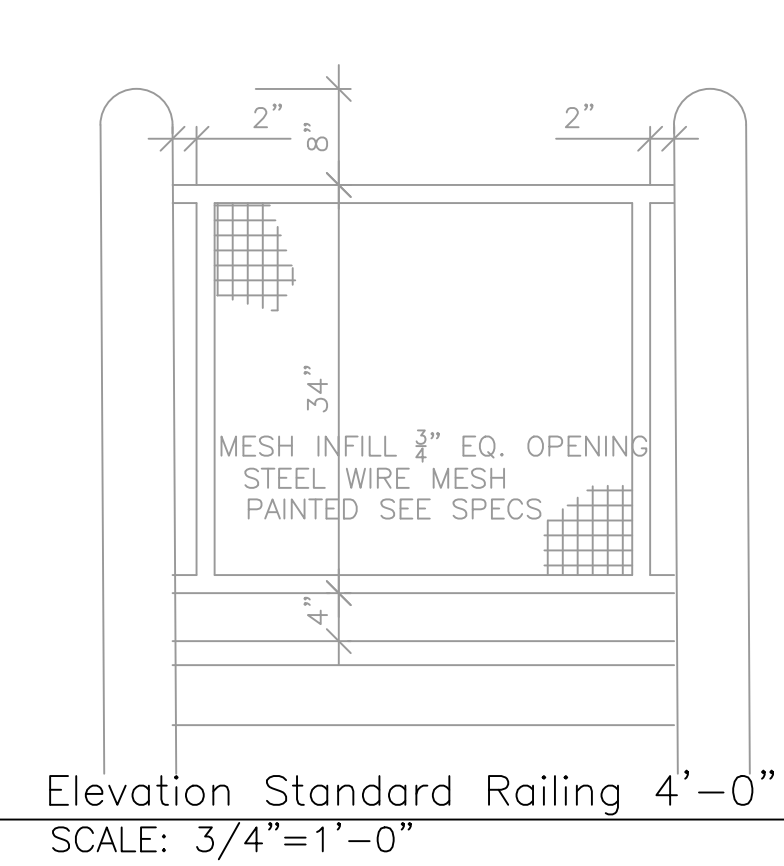
14 Lattice Detail
SCALE: 3"=1'-0"



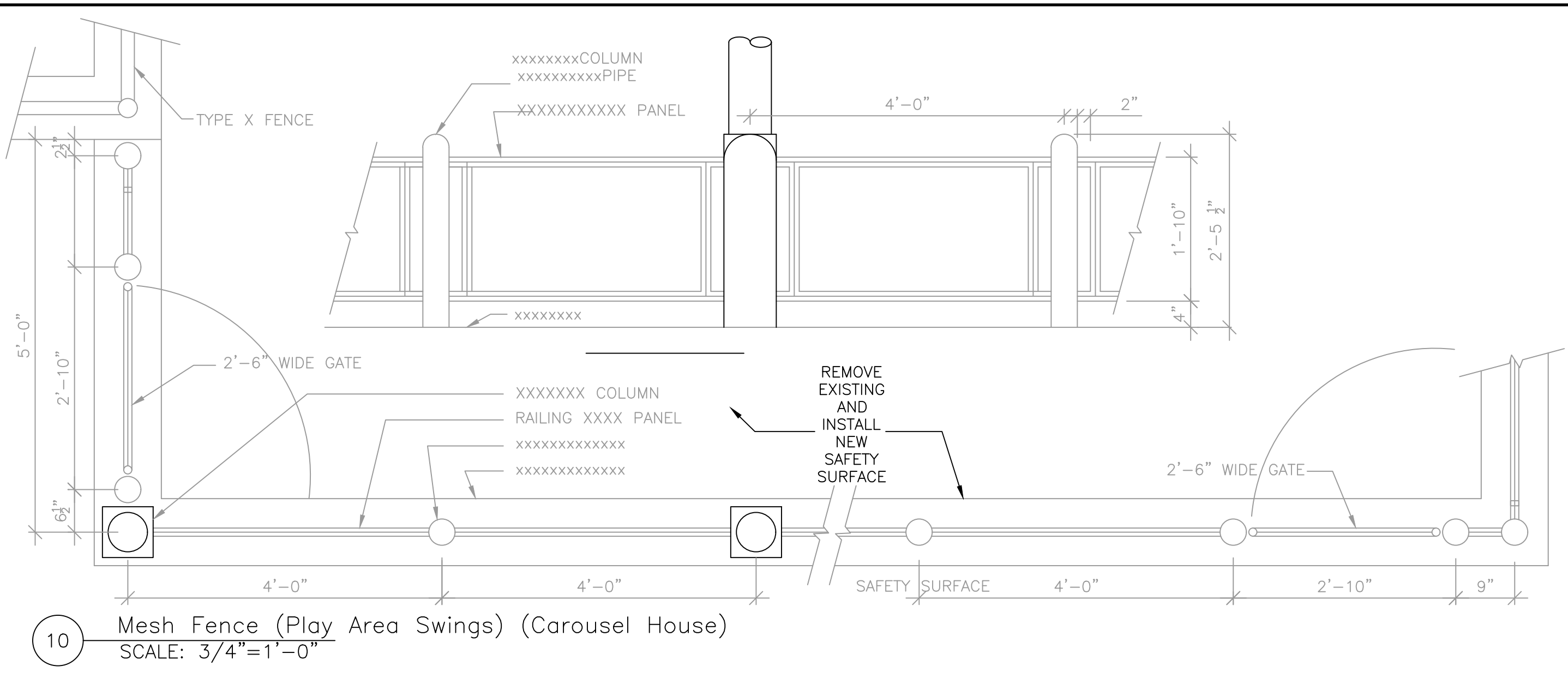
2 Sections Typical Post Details
SCALE: 1 1/2"=1'-0"



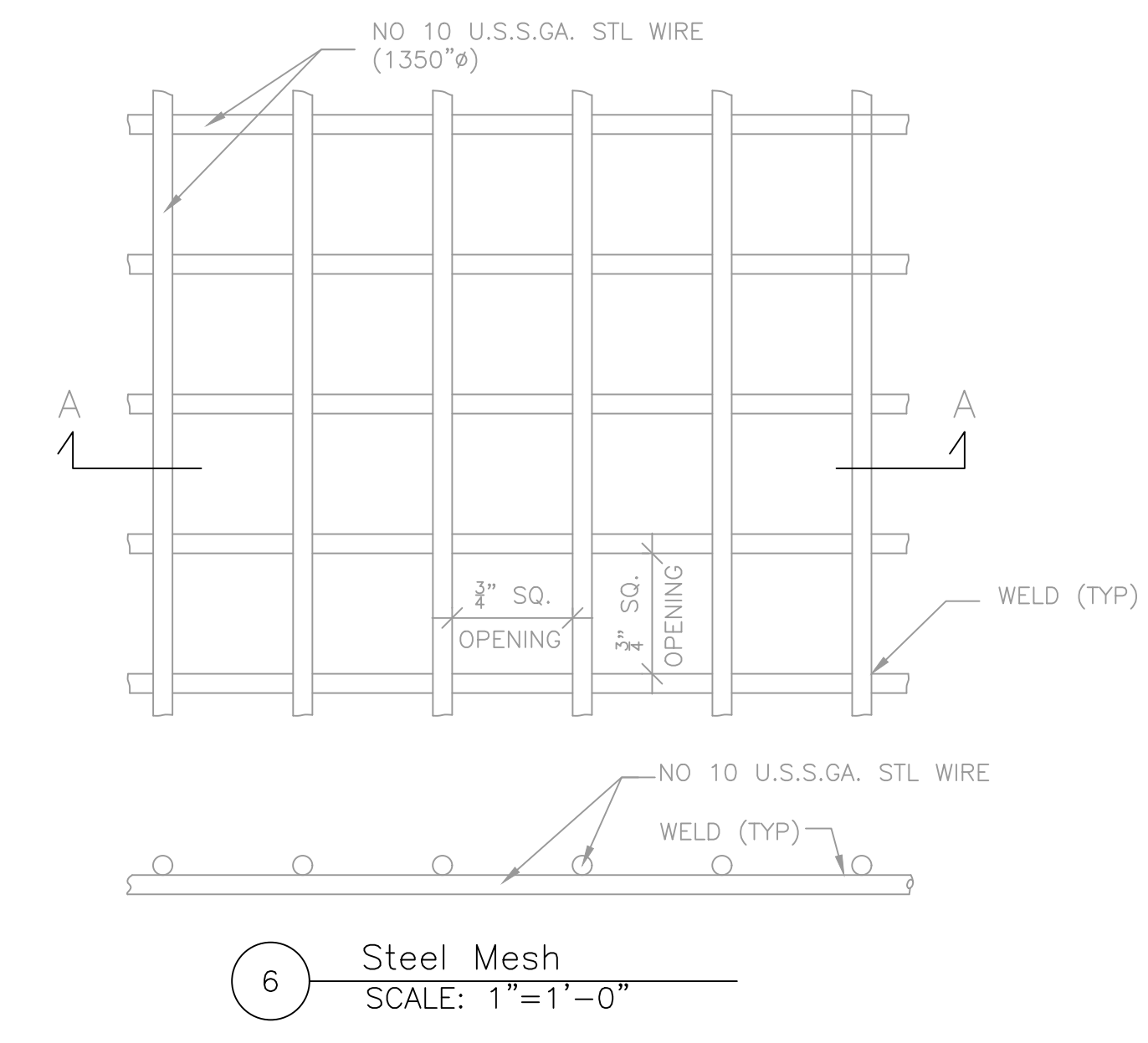
5 Elevation Standard Railing 8'-0" Span
SCALE: 3/4"=1'-0"



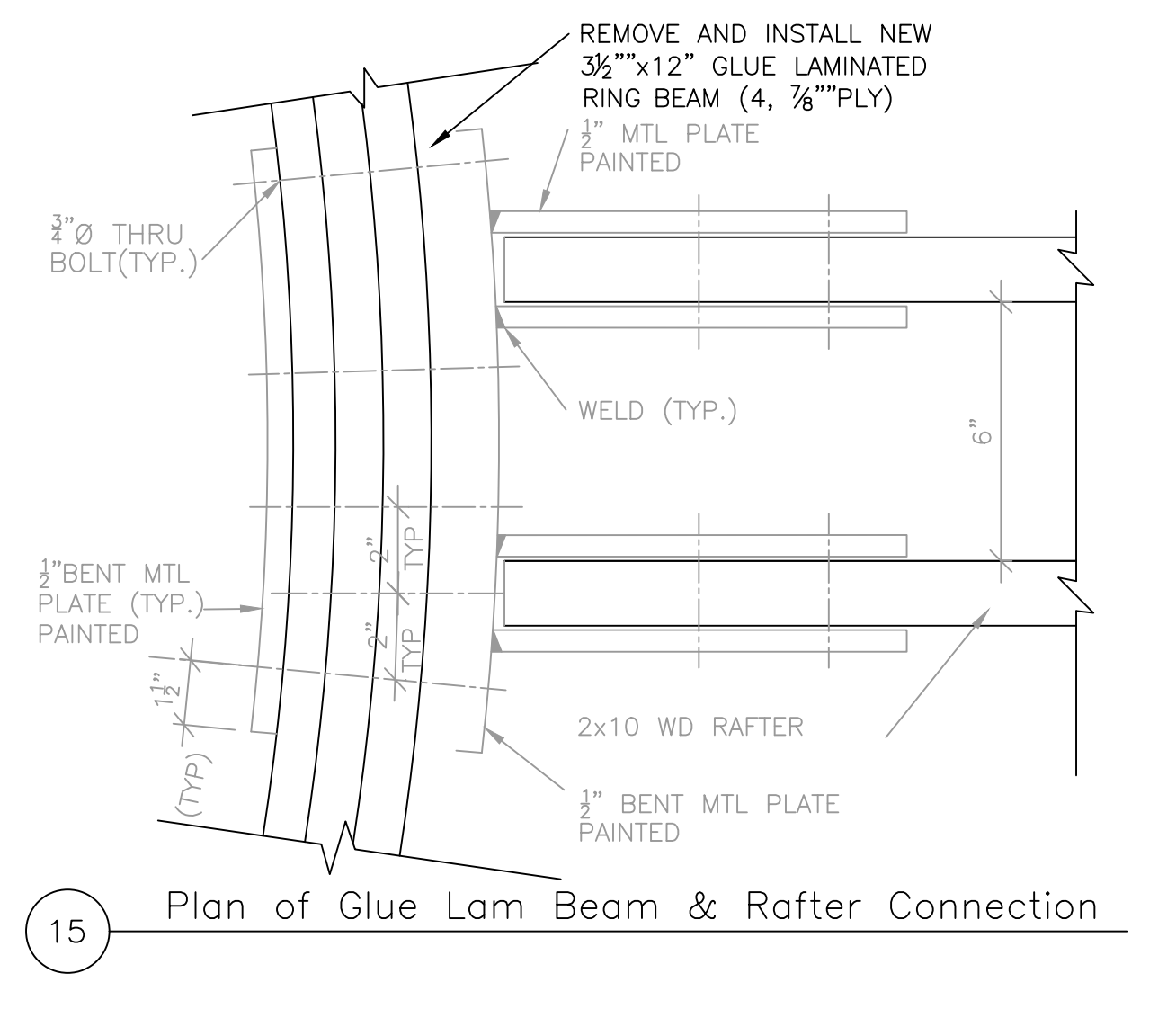
9 Elevation Standard Railing 4'-0"
SCALE: 3/4"=1'-0"



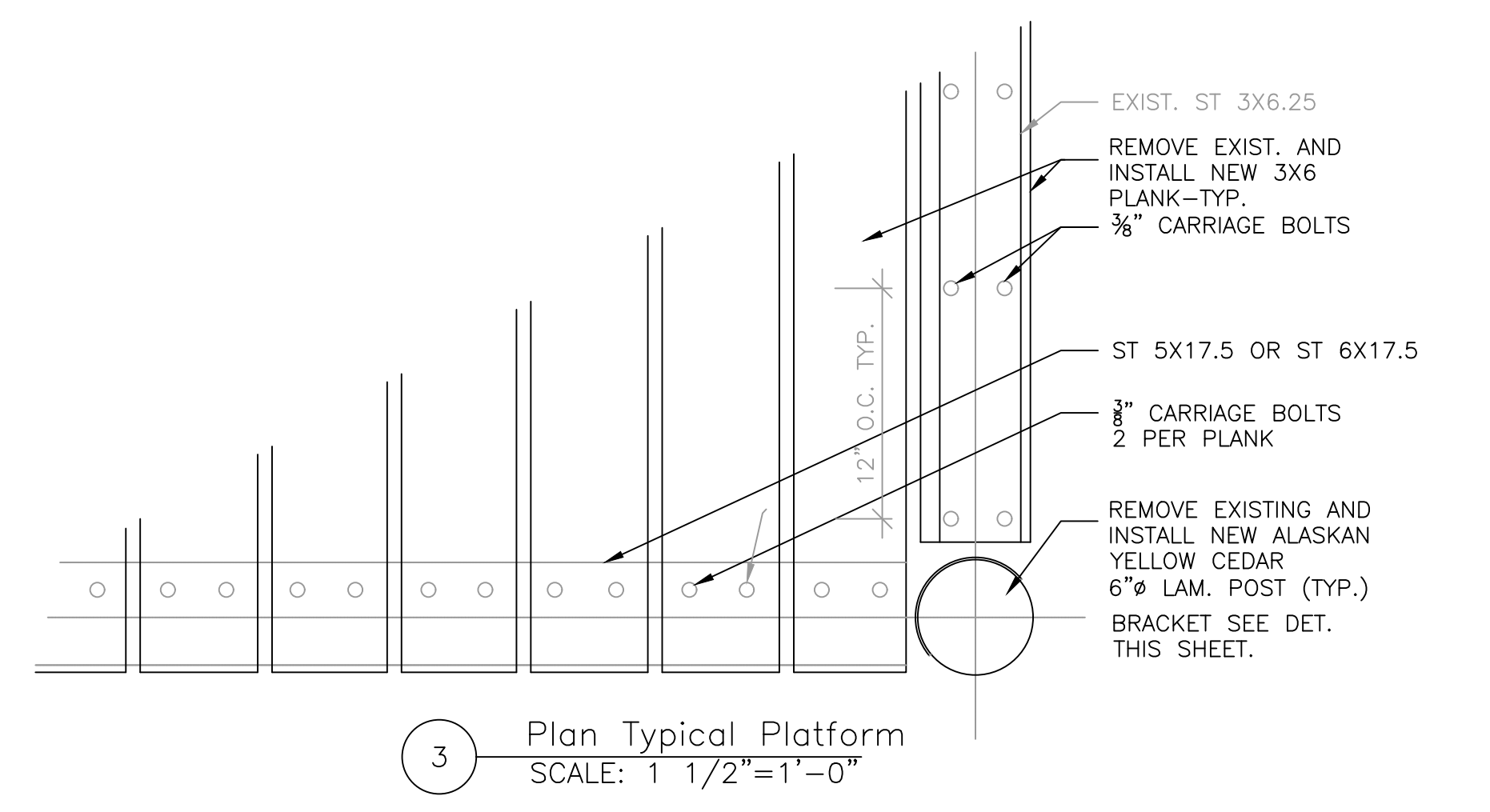
10 Mesh Fence (Play Area Swings) (Carousel House)
SCALE: 3/4"=1'-0"



6 Steel Mesh
SCALE: 1"=1'-0"



15 Plan of Glue Lam Beam & Rafter Connection



3 Plan Typical Platform
SCALE: 1 1/2"=1'-0"

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

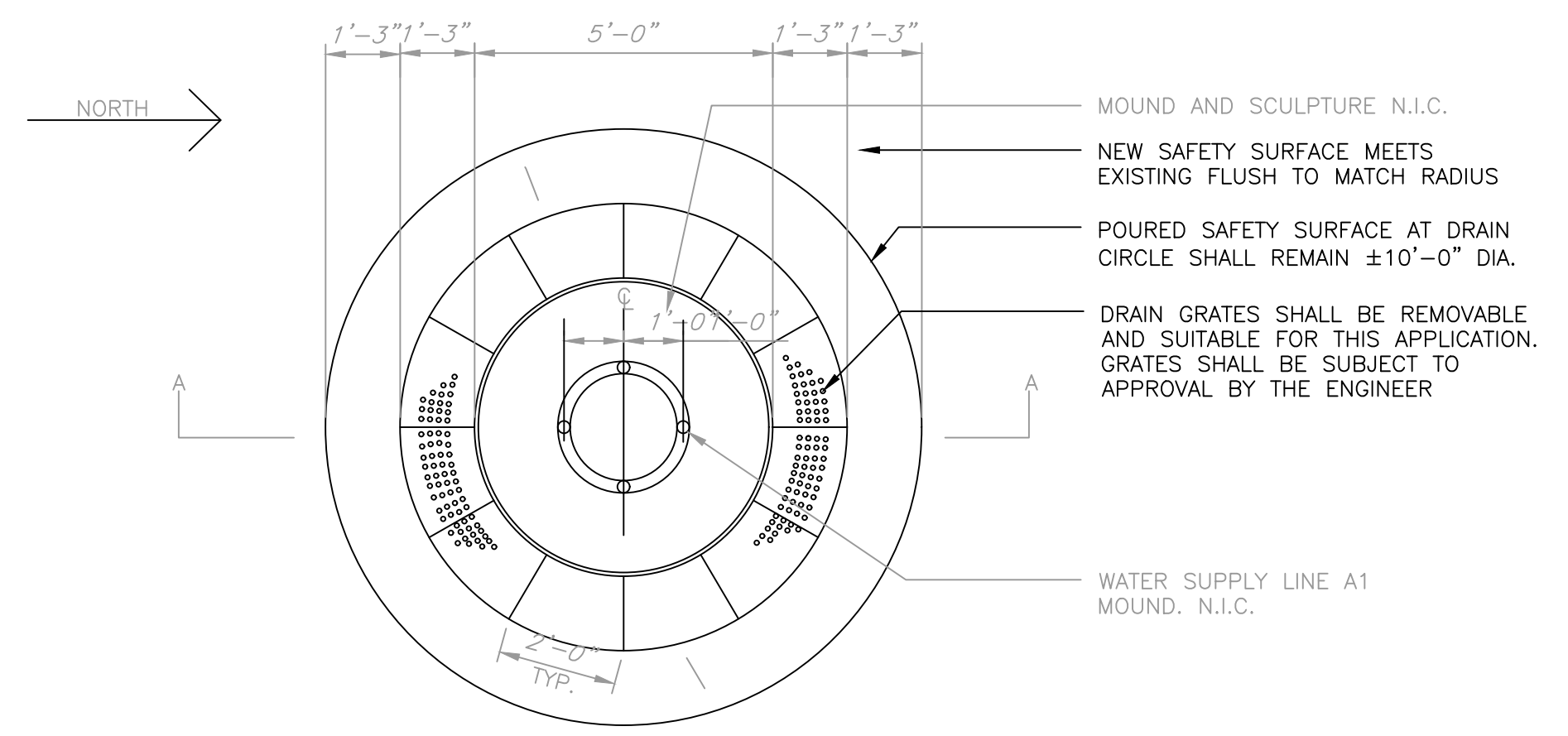
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DESIGNED BY: MDC
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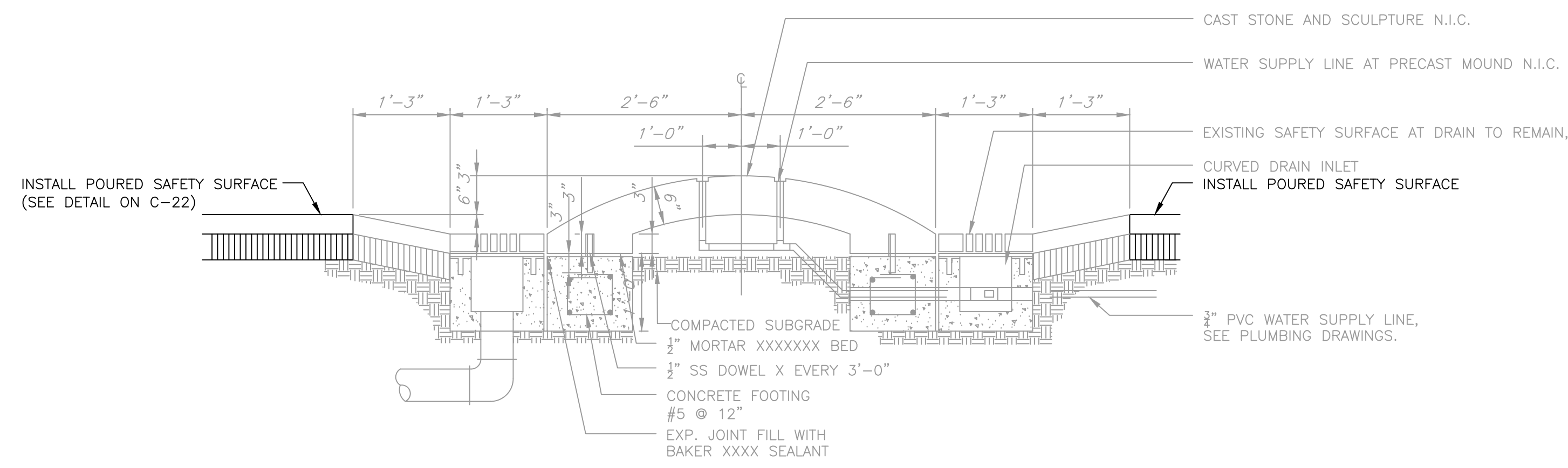
NOTE: FOR ESTIMATE OF QUANTITIES TABLE, REFER TO SHEET NO. C-19A

BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK
ROCKEFELLER PARK TERRACE
PLAYGROUND RECONSTRUCTION

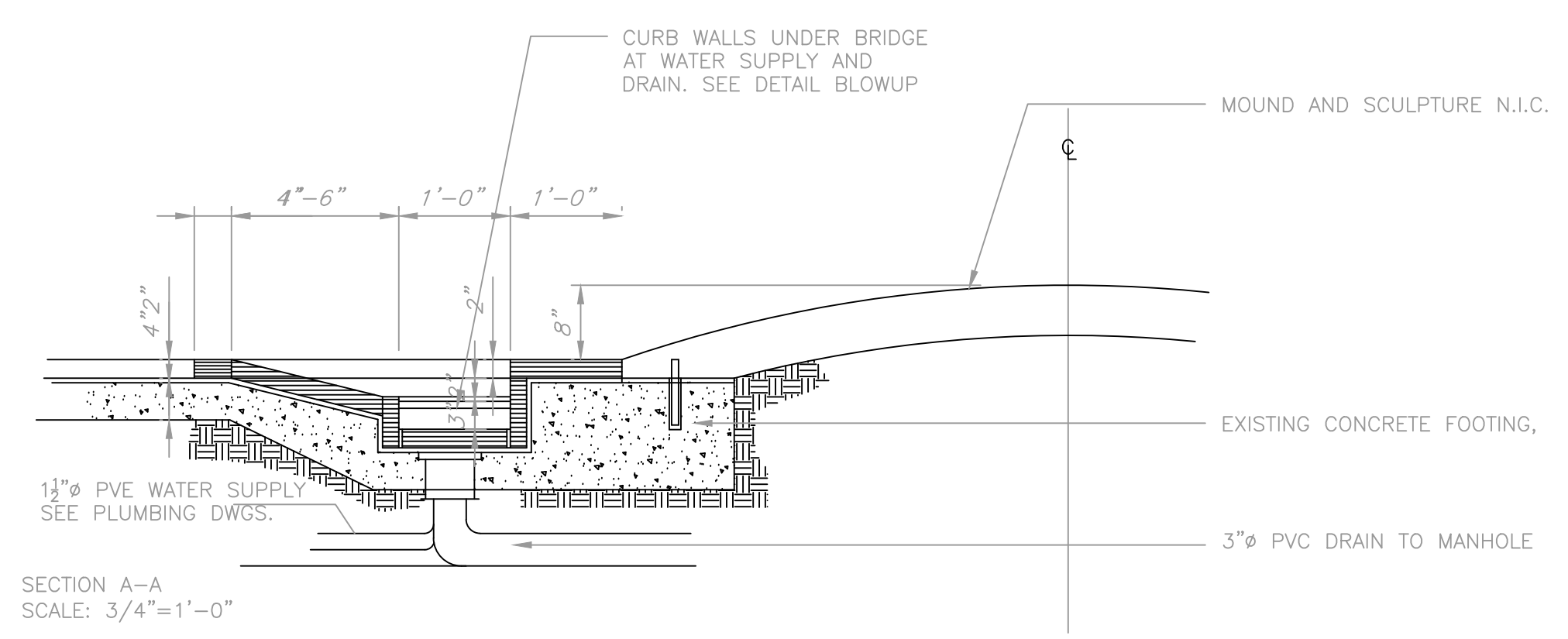
REMOVALS/RECONSTRUCTION
AREA NORTHPARK PLAYGROUND - II
PROJECT NO. 2017200282.009
DATE: JULY 2018
SCALE: AS NOTED
SHEET NO. 19 OF 23
DRAWING NO. C-19



BABIES FOUNTAIN AREA - PLAN
SCALE: 3/8" = 1'-0"



SECTION A-A
SCALE: 3/4" = 1'-0"



BABIES FOUNTAIN AREA - PROPOSED SECTION AT DRAIN
SCALE: 3/4" = 1'-0"

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

DESIGNED BY	MDC
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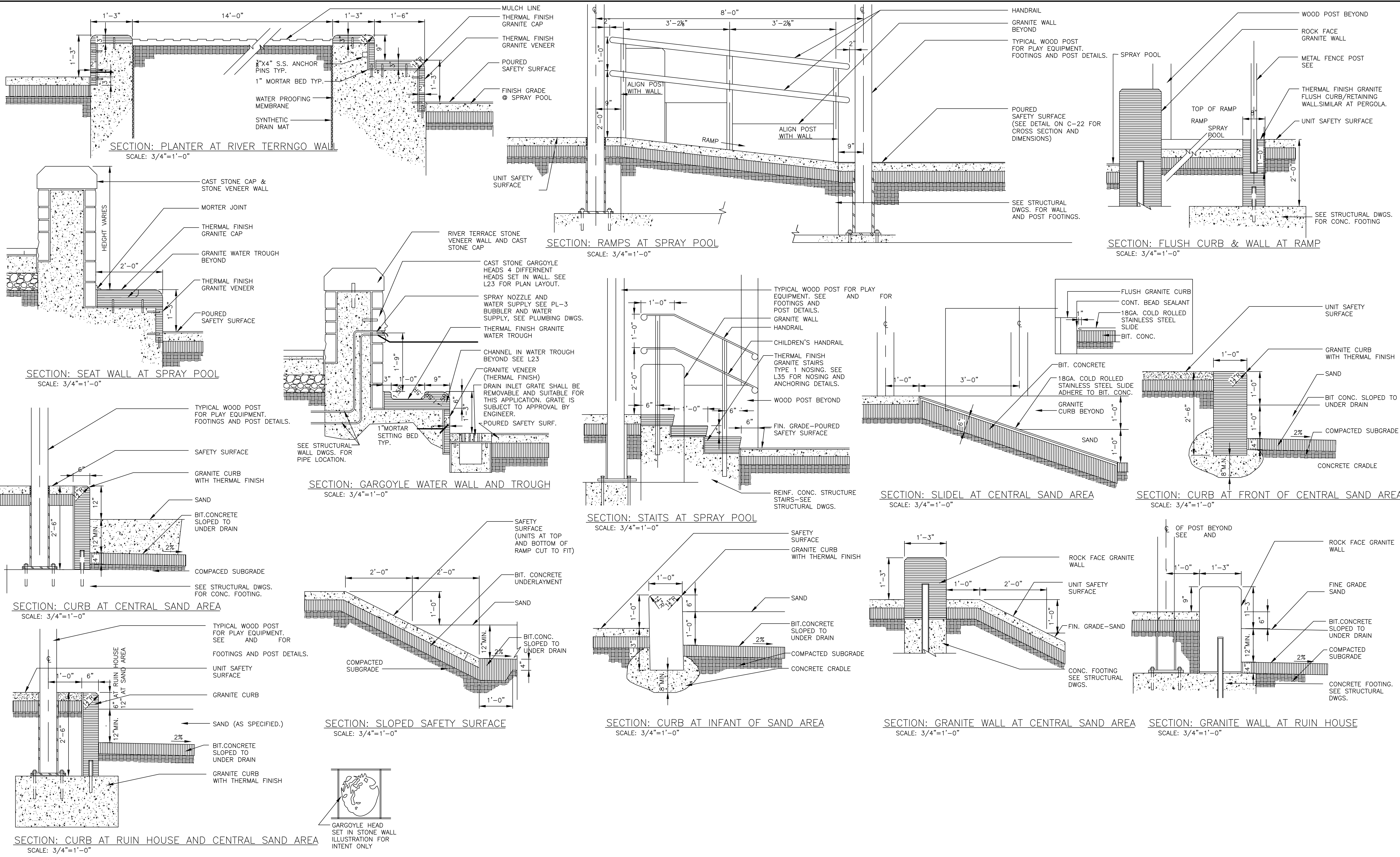


BATTERY PARK CITY AUTHORITY
BOROUGH OF MANHATTAN CITY OF NEW YORK

ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION

REMOVALS/RECONSTRUCTION OF EXISTING WATER PLAY DETAILS

PROJECT NO.	2017200282.009	SHEET NO.	20 OF 23
DATE:	JULY 2018	DRAWING NO.	C-20
SCALE:	AS NOTED		

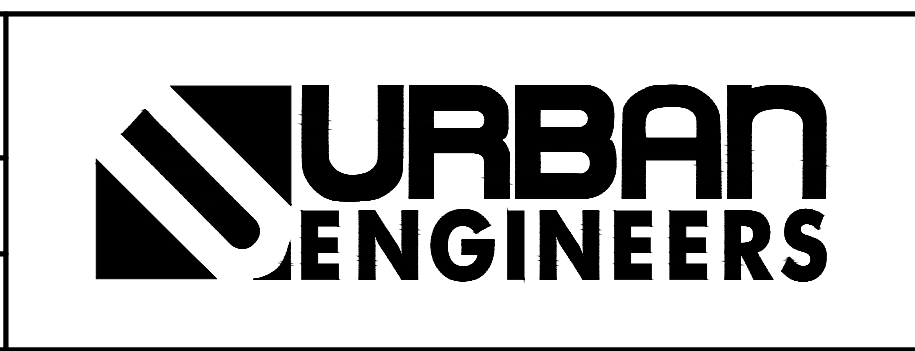


NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

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DESIGNED BY: MDC

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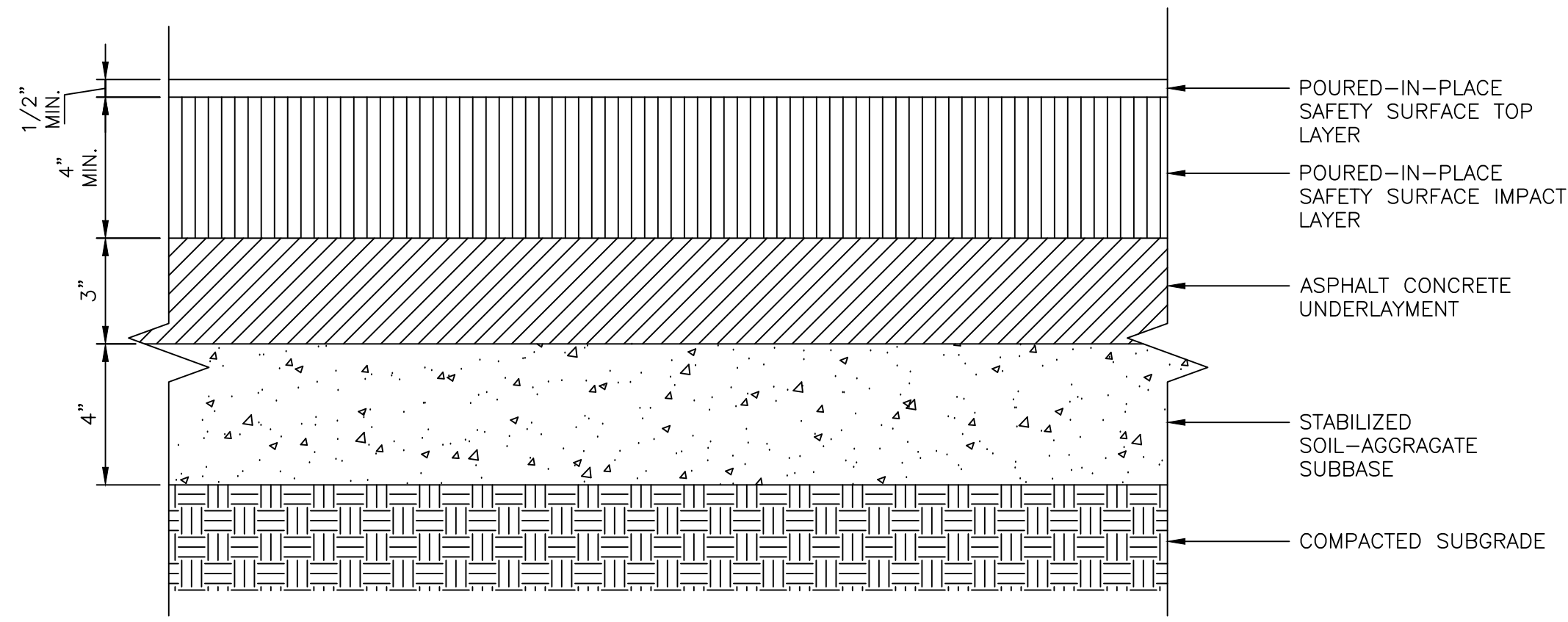
BATTERY PARK CITY AUTHORITY

BOROUGH OF MANHATTAN CITY OF NEW YORK

ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION

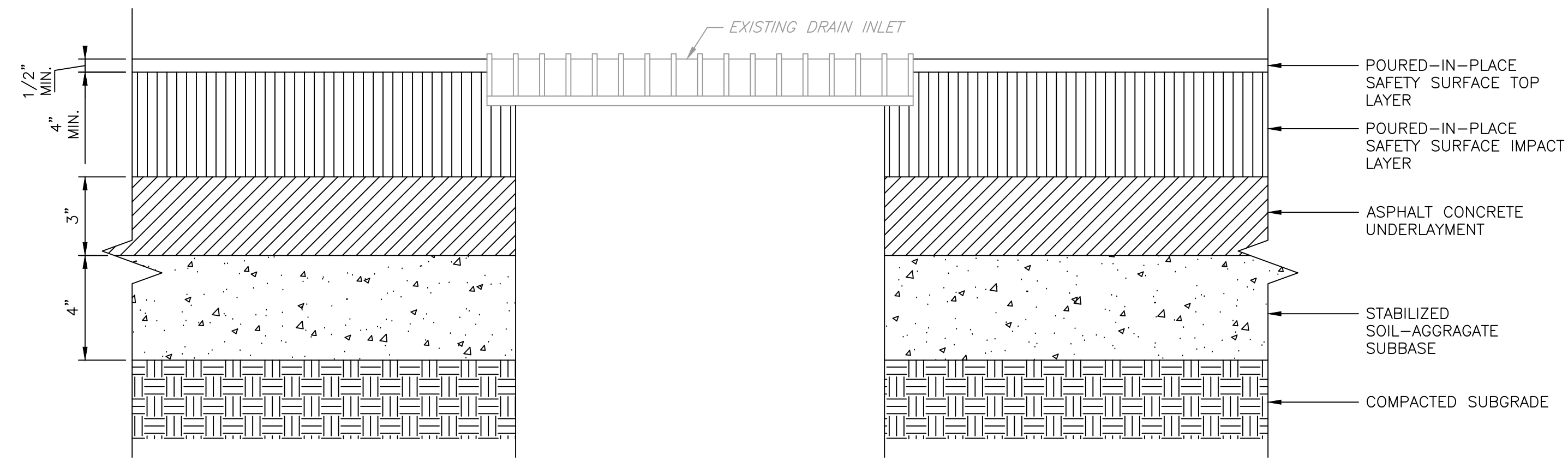
EXISTING SECTIONS AND DETAILS

PROJECT NO.	2017200282.009	SHEET NO.	21 OF 23
DATE:	JULY 2018	DRAWING NO.	C-21
SCALE:	AS NOTED		



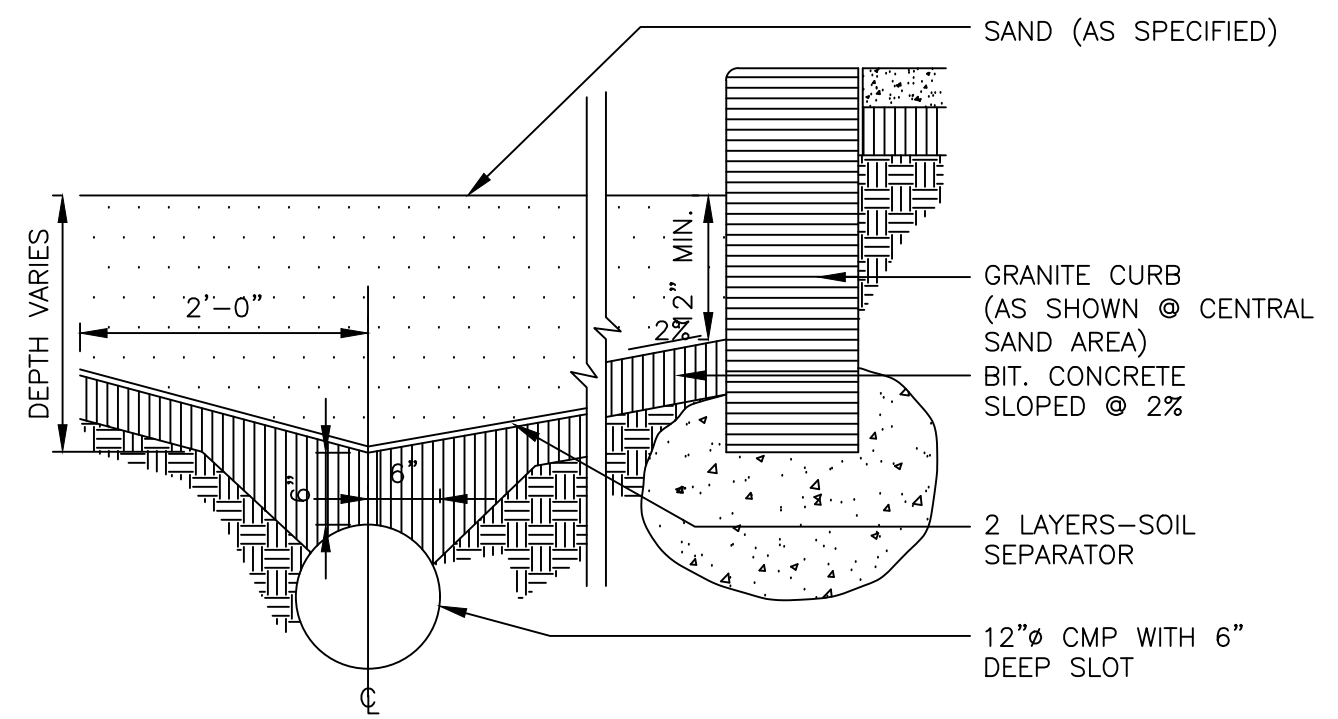
TYPICAL SECTION OF SAFETY SURFACE

SCALE: 3" = 1'-0"



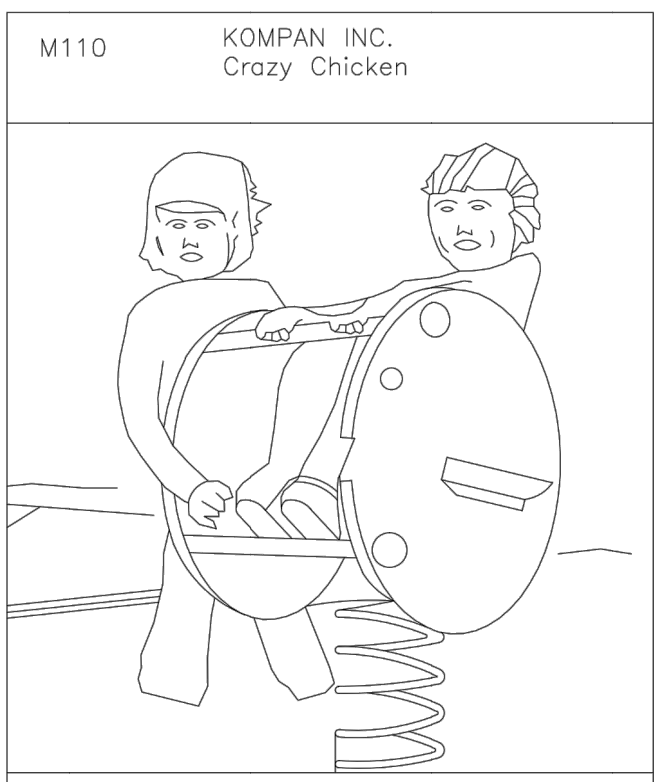
TYPICAL SECTION OF SAFETY SURFACE AT DRAINS

SCALE: 3" = 1'-0"



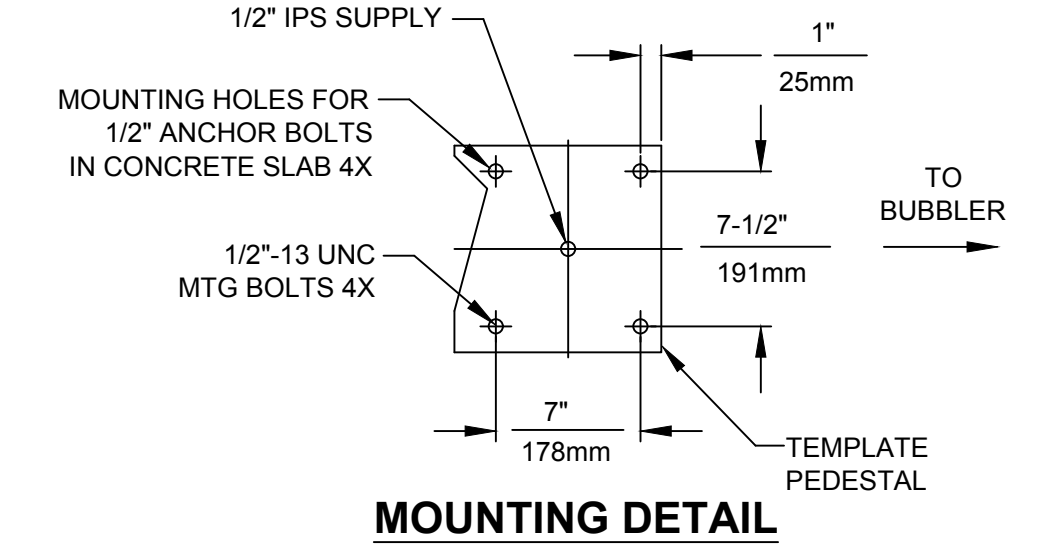
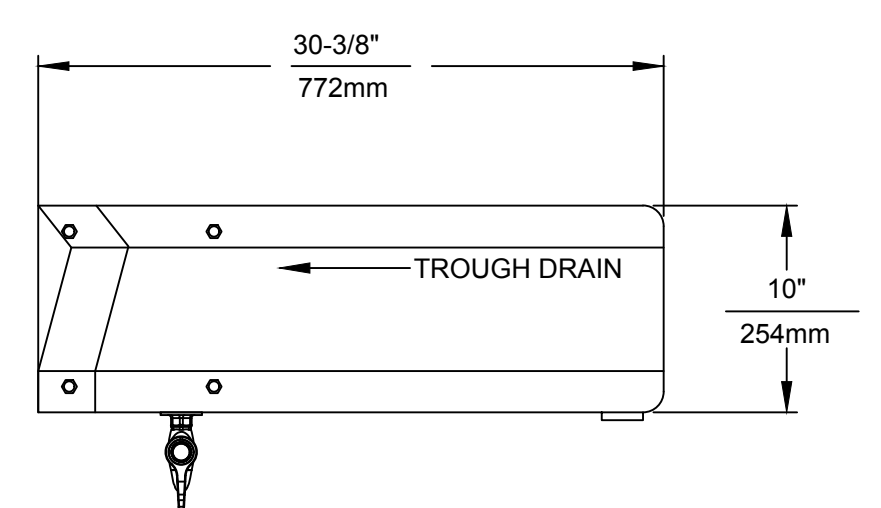
SECTION: AT SAND AREA

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

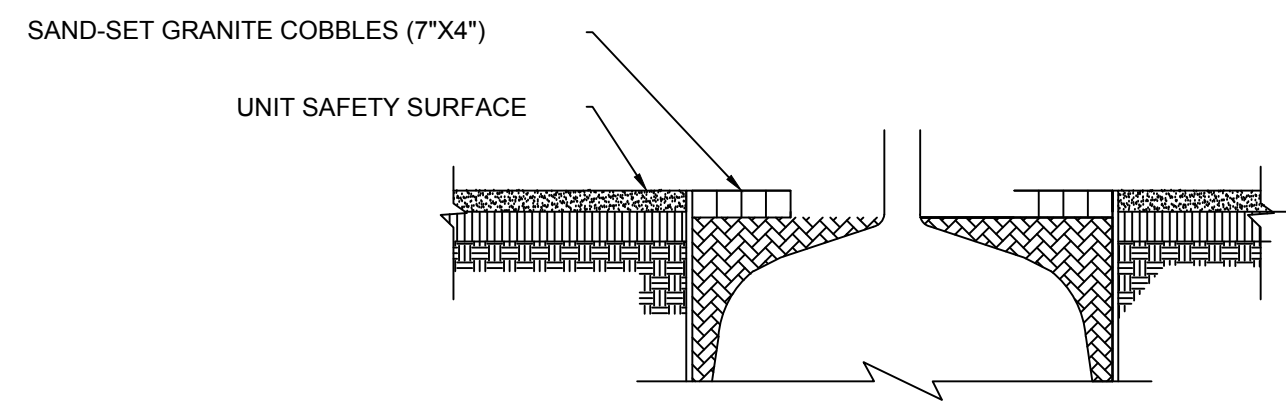


AREA I-C SWING BASE ANIMAL

SCALE: N.T.S.

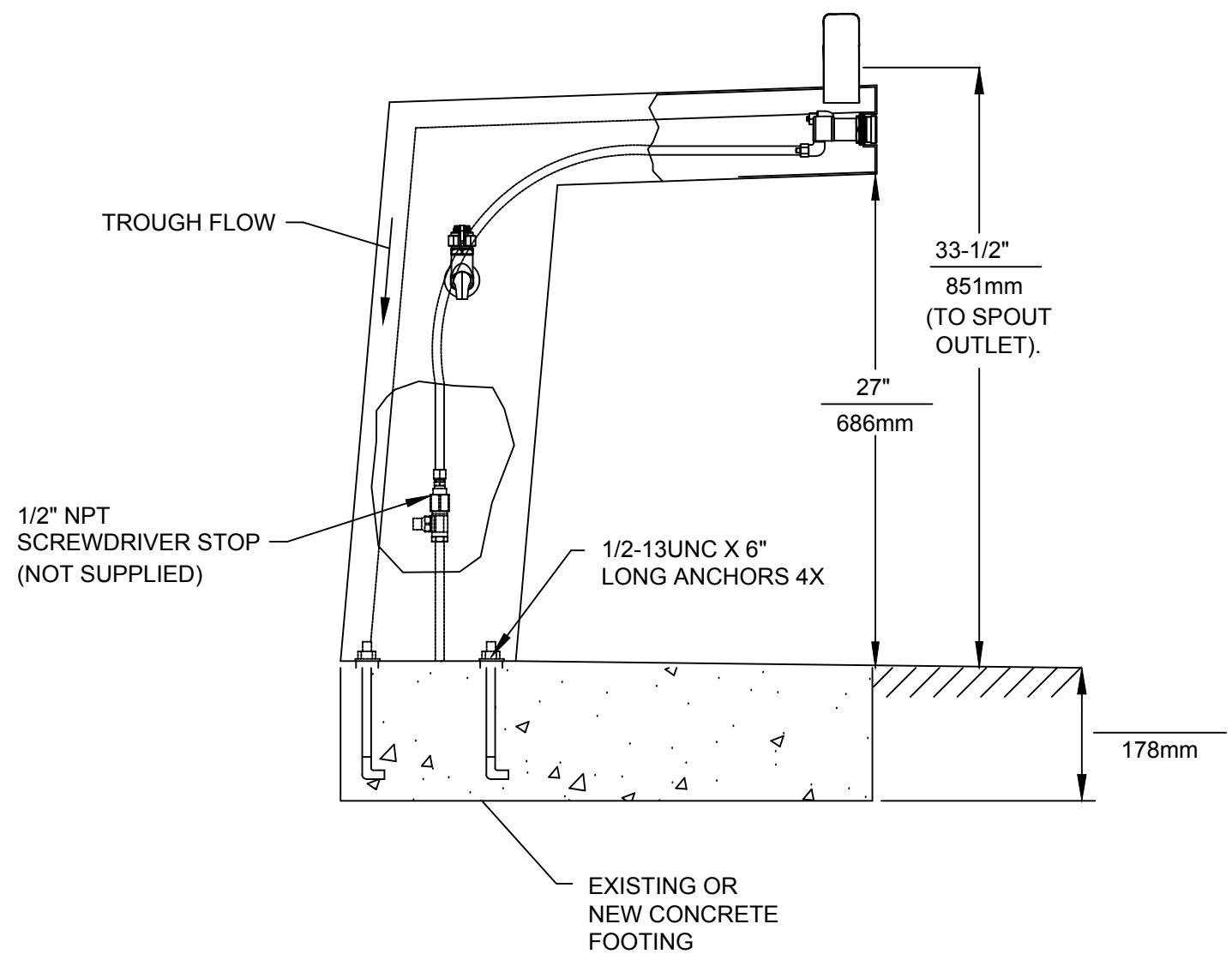
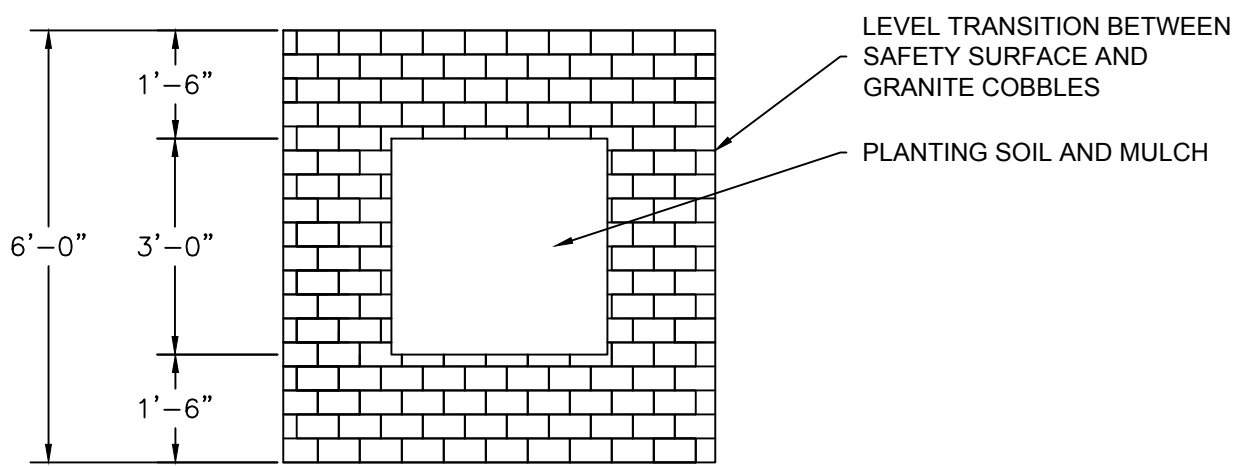


MOUNTING DETAIL



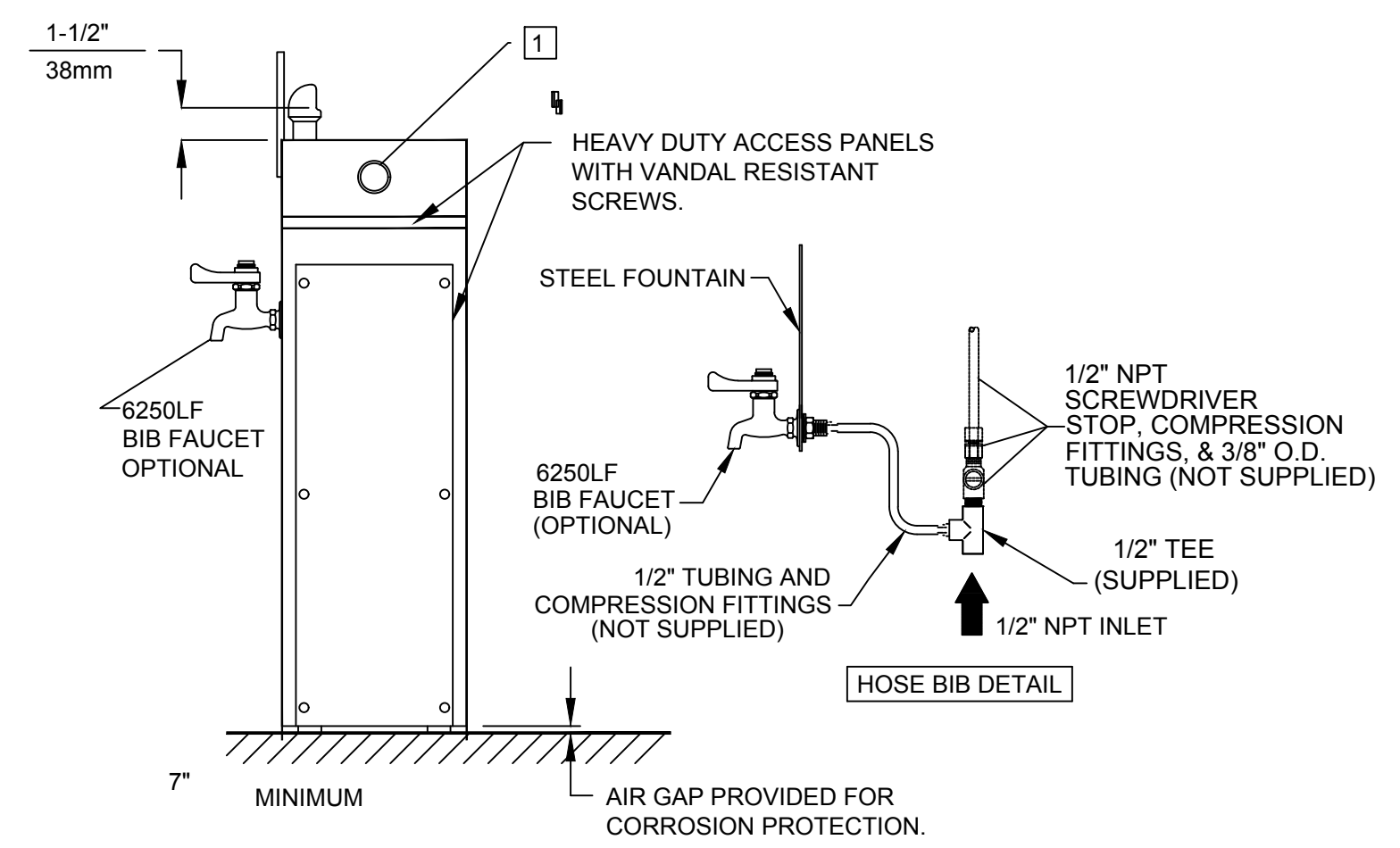
TREE PIT AT PLAY AREA

SCALE: 3/8" = 1'-0"



DRINKING FOUNTAIN

SCALE: N.T.S.



HOSE BIB DETAIL

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

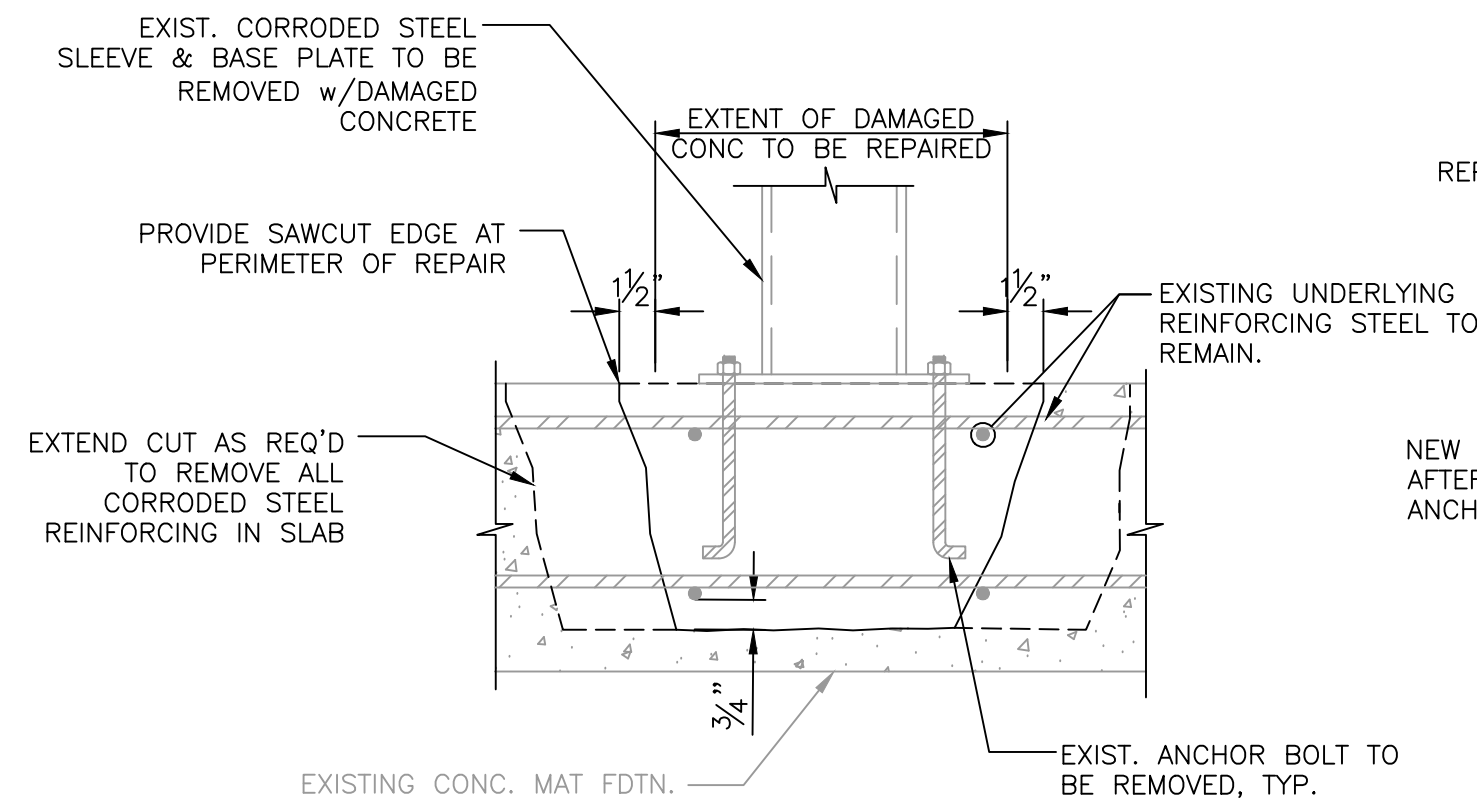
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BATTERY PARK CITY AUTHORITY
 BOROUGH OF MANHATTAN CITY OF NEW YORK
 ROCKEFELLER PARK TERRACE
 PLAYGROUND RECONSTRUCTION

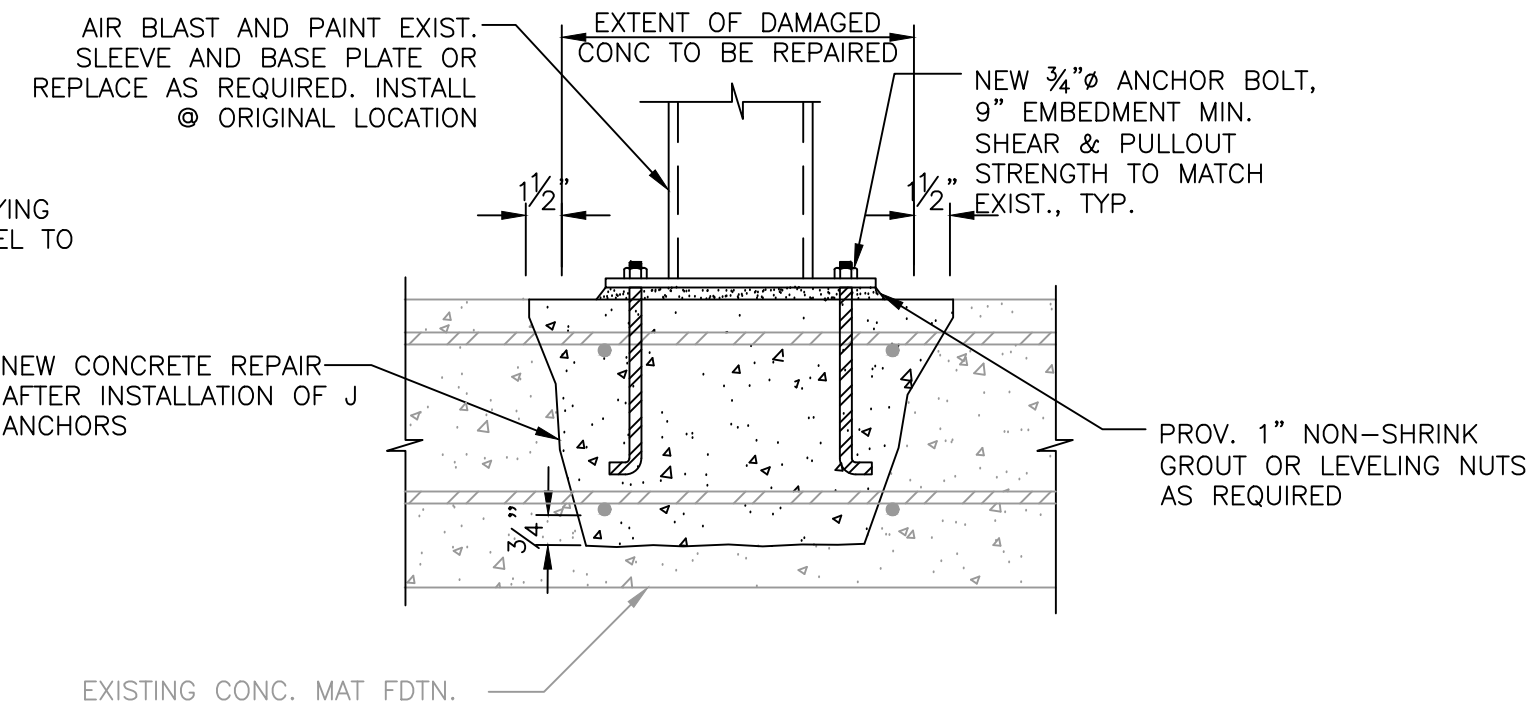
RECONSTRUCTION DETAILS

PROJECT NO. 2017200282.009	SHEET NO. 22 OF 23
DATE: JULY 2018	DRAWING NO. C-22
SCALE: AS NOTED	



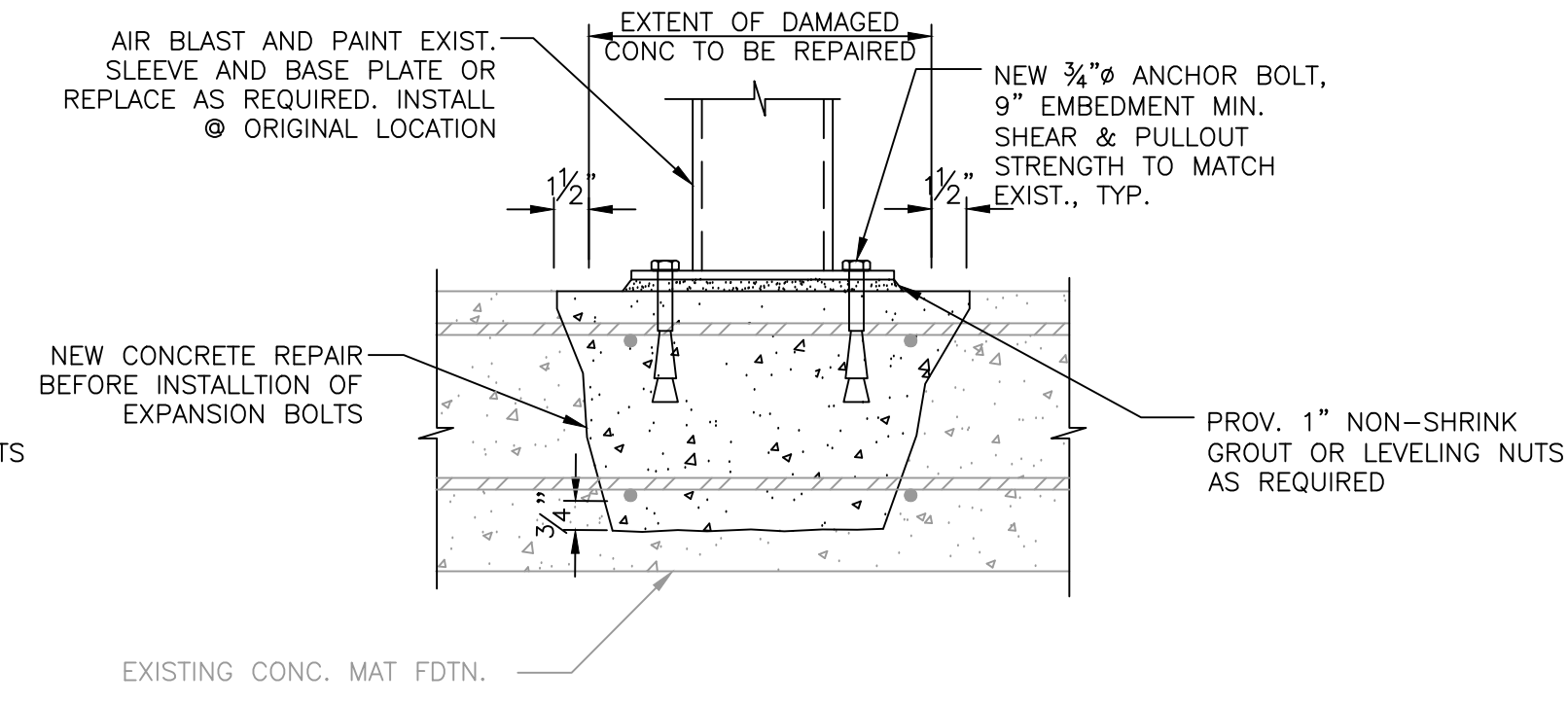
SECTION @ SLEEVE REMOVAL

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



SECTION @ NEW SLEEVE EMBEDMENT OPTION A

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

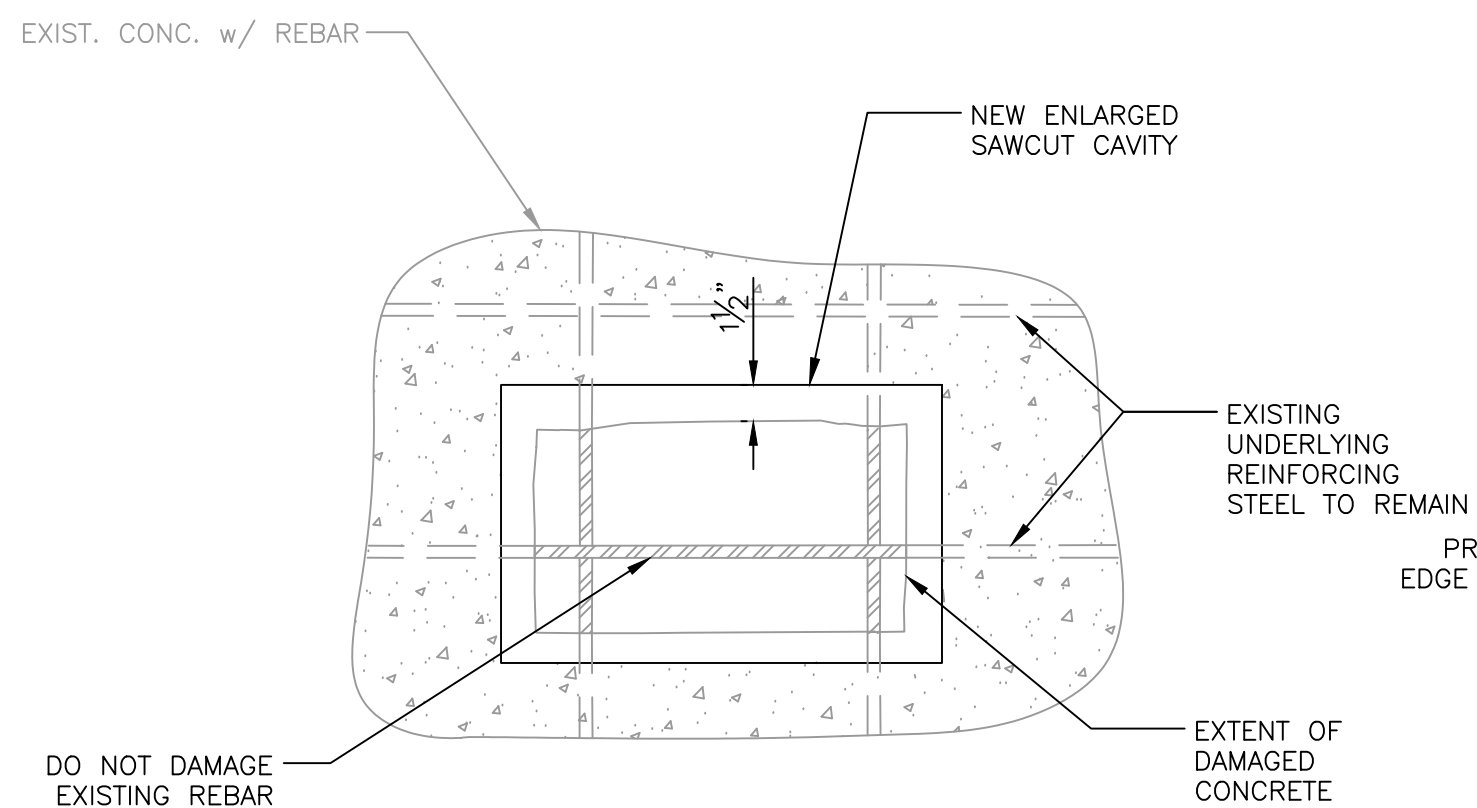


SECTION @ NEW SLEEVE EMBEDMENT OPTION B

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

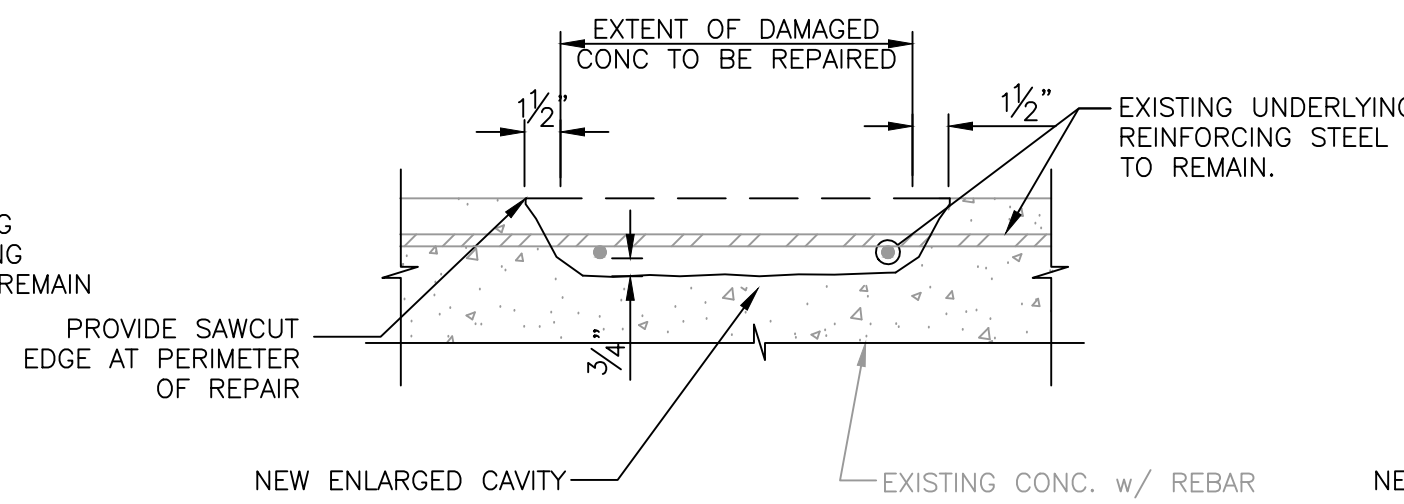
OPTION A:
PRE-EMBEDED J ANCHORS

OPTION B:
POST-INSTALLED EXPANSION ANCHORS



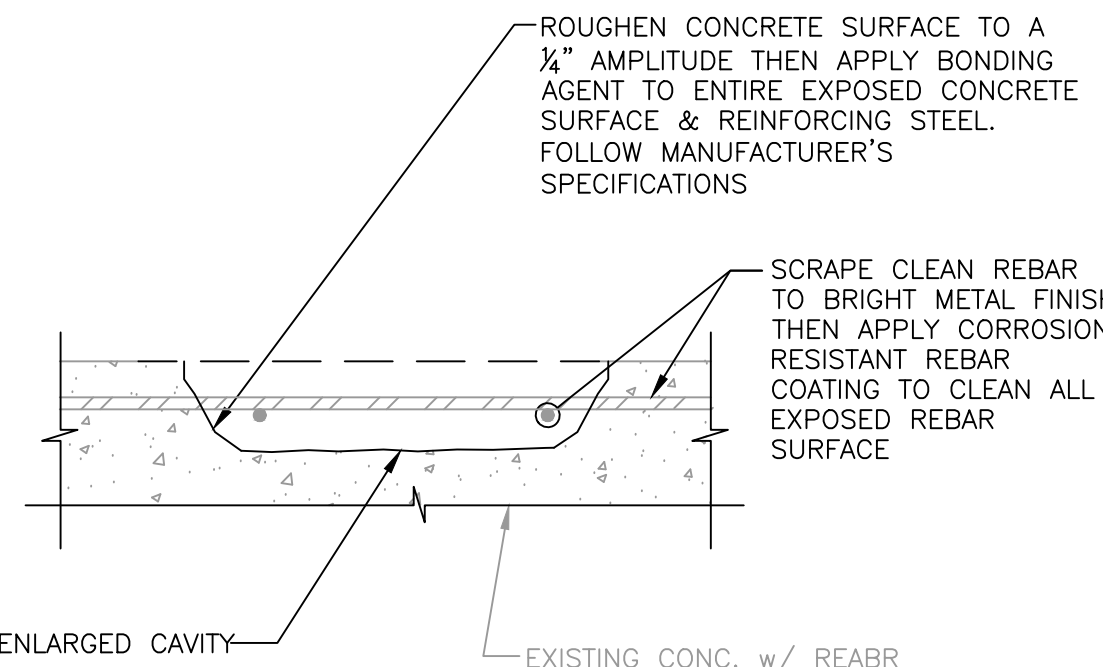
PLAN @ CONCRETE REMOVAL w/ REBAR

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



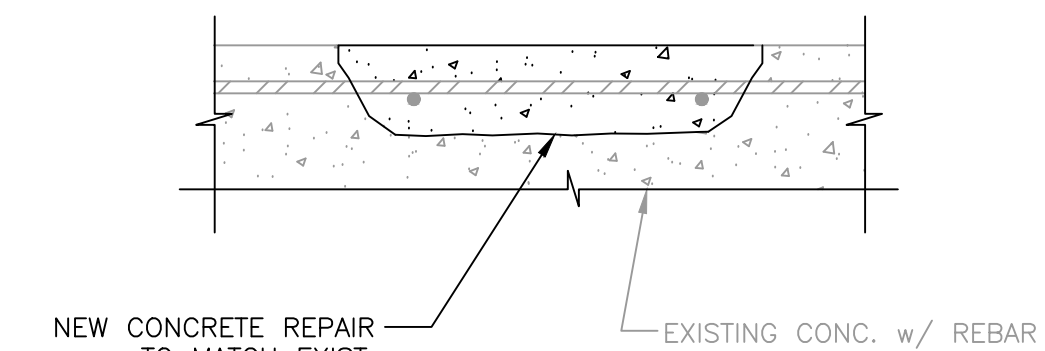
SECTION @ CONCRETE REMOVAL w/ REBAR

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



SECTION @ CAVITY PREPARATION w/ REBAR

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

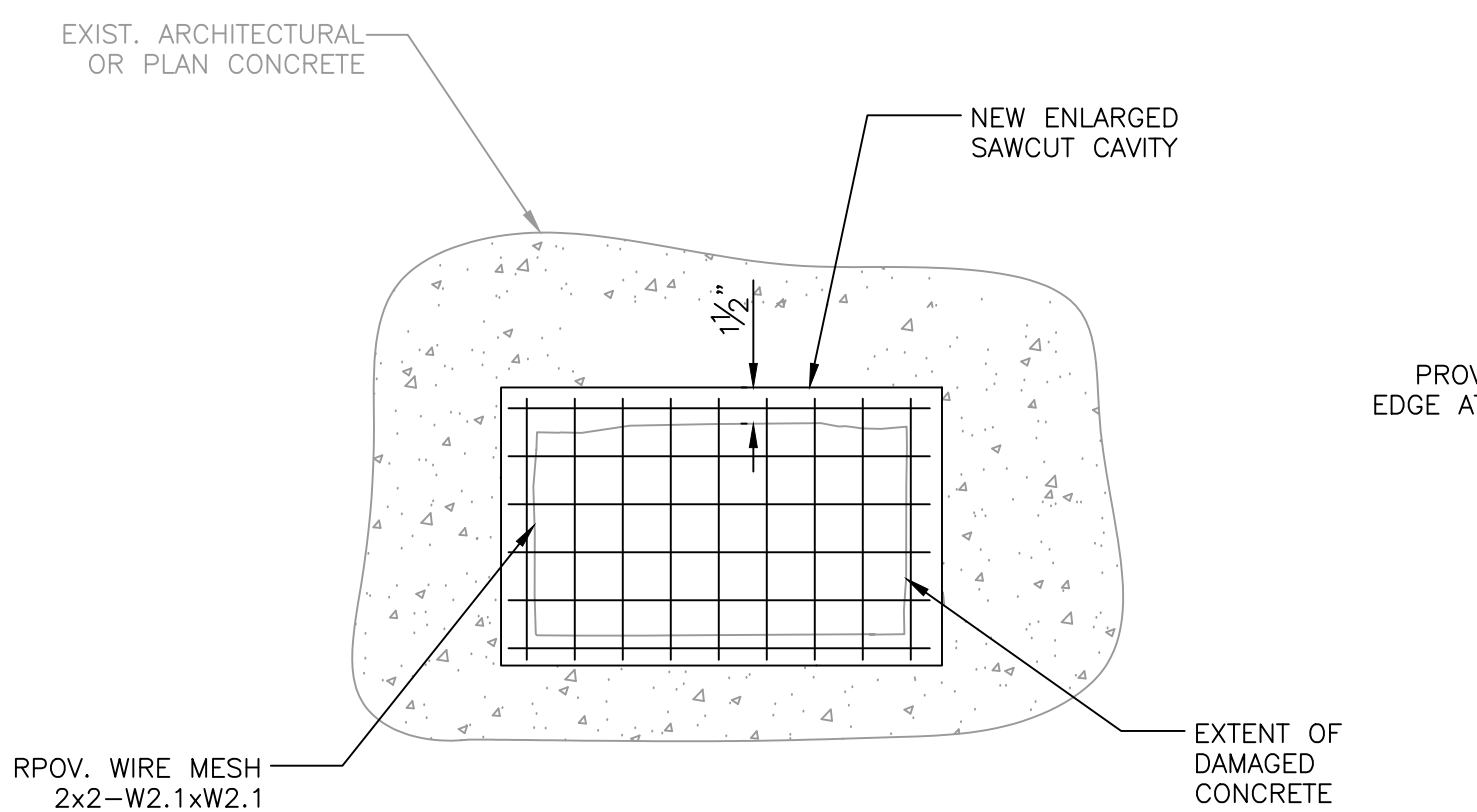


SECTION @ CONCRETE REPAIR w/ REBAR

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

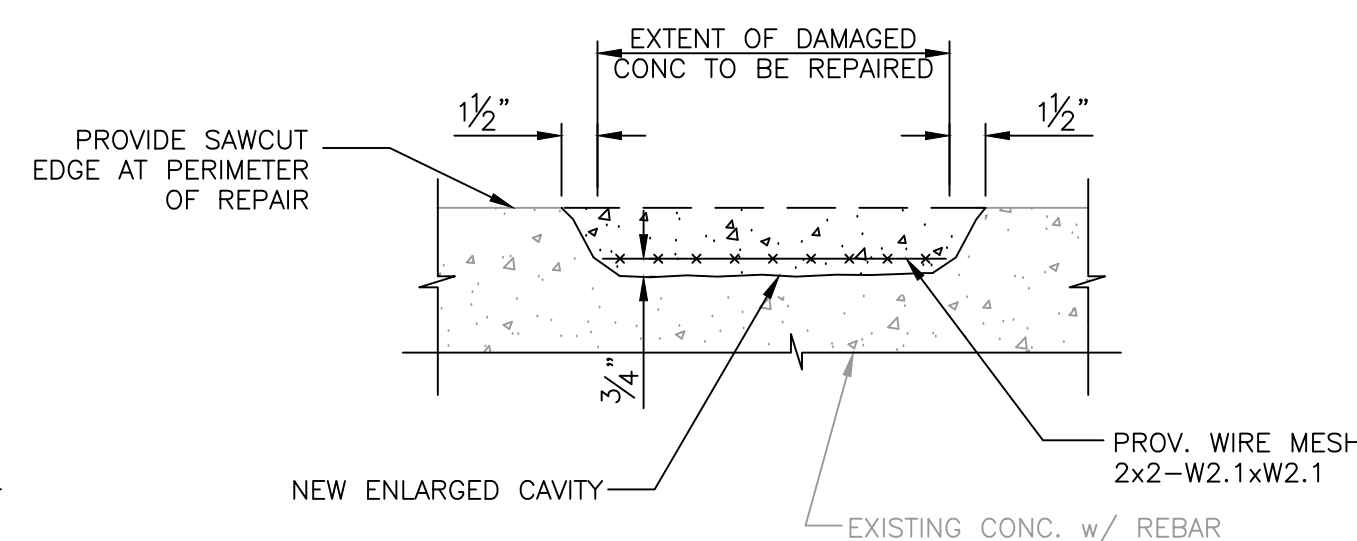
NOTE: ALL PRODUCTS USED FOR PATCH REPAIR SHALL BE FROM THE SAME MANUFACTURER & RECOMMENDED FOR USE AS A SYSTEM. USE ONE SYSTEM FOR ALL PATCH REPAIRS AT THIS PLAYGROUND.

NOTE: SEE CAVITY PREPARATION DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION.



PLAN @ PLAIN CONCRETE REPAIR

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



SECTION @ PLAIN CONCRETE REPAIR

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

STEP 1: CONCRETE REMOVAL:

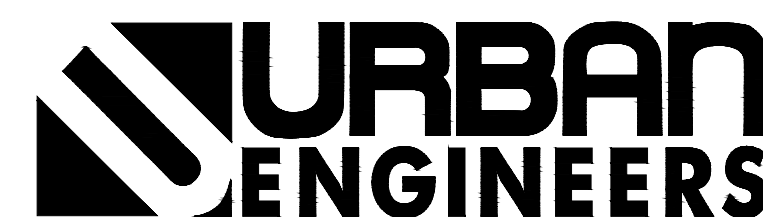
- MARK A RECTILINEAR PERIMETER AROUND THE DAMAGED SECTION OF CONCRETE, EXTENDING 1/2" BEYOND THE OUTER MOST EDGE OF THE REQUIRED REMOVAL.
- PROVIDE 3/4" DEEP SAW CUT ALONG MARKED RECTILINEAR EDGE TO PROVIDE A FAULT LINE FOR DEMOLITION AND TO PREVENT FEATHERED EDGES. DO NOT CUT OR DAMAGE UNDERLYING REINFORCEMENT.
- UTILIZING A 15LB PNEUMATIC HAMMER TOOL (OR SIMILAR HAND TOOL) REMOVE ALL DETERIORATED CONCRETE INSIDE ENLARGED CAVITY FOLLOWING THE MARKED OUTLINE.
- EXTEND CONCRETE REMOVAL TO A MINIMUM DEPTH OF 3/4" BEYOND STEEL REINFORCING BAR WITHIN THE CAVITY.

STEP 2: CAVITY PREPARATION

- UPON COMPLETING REMOVAL OF CONCRETE, REMOVE ALL LOOSE AND/OR DELAMINATING RUST AND MAKE ALL AREAS AVAILABLE FOR INSPECTION BY ENGINEER FOR ADDITIONAL INSTRUCTION.
- CLEAN ALL APPROVED UNCOVERED REINFORCING BARS WITH A WIRE BRUSH ONLY. REMOVE ALL RUST, SCALE TO BRING REPAIR TO BRIGHT METAL. IN THE EVENT THAT RUST EXTENDS BEYOND PREVIOUSLY OBSERVED, NOTIFY ENGINEER FOR FURTHER INSTRUCTIONS.
- AT AREAS WHERE EXISTING REINFORCING STEEL PROJECTS BEYOND THE SPECIFIED 1/2", REINFORCING MAYBE BENT OR CUT AT THE DIRECTION OF THE ENGINEER ONLY.
- CLEAN CAVITY OF ALL DEBRIS WITH COMPRESSED AIR AND FLUSH CAVITY WITH POTABLE WATER. DO NOT USE ANY TOOLS OR MATERIAL THAT MAY CAUSE BOND-INHABITATION.
- ALLOW CAVITY AND BARS TO DRY PRIOR TO APPLICATION OF CORROSION RESISTANT REBAR COATING.
- PREPARE CAVITY PER MANUFACTURER'S SPECIFICATIONS TO RECEIVE BONDING AGENT AND CEMENTITIOUS TOPPING. SATURATE CAVITY UTILIZING CLEAN POTABLE WATER FREE OF CONTAMINANTS. ENSURE SURFACE IS DRY AND FREE OF STANDING WATER PRIOR TO APPLICATION OF BONDING AGENT.
- APPLY BONDING AGENT PER MANUFACTURER'S SPECIFICATION.
- NO PINS OR ADDITIONAL REINFORCEMENT IS REQUIRED, UNLESS DIRECTED BY THE ENGINEER TO REPLACE DAMAGED REINFORCEMENT.

NO.	DATE	REVISION	INT.
1	7/5/18	ISSUED FOR BID	CFK

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BATTERY PARK CITY AUTHORITY	
BOROUGH OF MANHATTAN	CITY OF NEW YORK
ROCKEFELLER PARK TERRACE PLAYGROUND RECONSTRUCTION	

TYPICAL REPAIR DETAILS	
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PROJECT NO. 2017200282.009	SHEET NO. 23 OF 23
DATE: JULY 2018	DRAWING NO. C-23
SCALE: AS NOTED	