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		01 30 00	SD-01 Preconstruction Submittals														
			View location map	1.4	G												
			Progress and completion pictures	1.5													
		01 32 01.00 10	SD-01 Preconstruction Submittals														
			Preliminary Project Schedule	3.4.1	G												
			Initial Project Schedule	3.4.2	G												
			Initial Project Schedule	3.4.2	G												
			Periodic Schedule Updates	3.4.3	G												
		01 33 00	SD-01 Preconstruction Submittals														
			Submittal register	1.8	G												
		01 35 26	SD-01 Preconstruction Submittals														
			SAFETY PLAN /ACCIDENT	1.6													
			PREVENTION PLAN (APP)														
			Activity Hazard Analysis (AHA)	1.7													
			Crane Critical Lift Plan	1.6.1													
			Crane Operators	1.5.1.2													
			SD-06 Test Reports														
			Notifications and Reports	1.11													
			Accident Reports	1.11.2													
			Crane Reports	1.11.3													
			Certificate of Compliance	1.11.4													
			SD-07 Certificates														
			Confined Space Entry Permit	1.8													
			Hot work permit	1.8													
			License Certificates	1.13													
		01 35 29.13	SD-02 Shop Drawings														

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		01 35 29.13	Work Zones	1.20.1	G												
			Decontamination Facilities	1.21.1	G												
			SD-03 Product Data														
			Exposure Monitoring/Air	1.13													
			Sampling Program														
			Site Control Log	1.20.2													
			Employee Certificates	1.12.4													
		01 45 00.00 10	SD-01 Preconstruction Submittals														
			Quality Control Plan	3.2	G												
		01 50 00	SD-01 Preconstruction Submittals														
			Construction site plan	1.4	G												
			Traffic control plan	3.4.1	G												
			Temporary Power Services	3.3.4													
			Diagram														
			SD-06 Test Reports														
			Backflow Preventer Tests	1.5	G												
			SD-07 Certificates														
			Backflow Prevention Training	1.5.2	G												
			Certificate														
			Backflow Preventers	1.5.1													
		01 57 20.00 10	SD-01 Preconstruction Submittals														
			Environmental Protection Plan	1.7	G												
		01 58 00	SD-02 Shop Drawings														
			Construction Project Sign	1.2.1	G												
		01 78 00	SD-03 Product Data														
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		01 78 00	As-Built Record of Equipment	1.3.2													
			and Materials														
			Equipment-in-Place List	1.3.4													
			Warranty Management Plan	1.6.1													
			Warranty Tags	1.6.5													
			Spare Parts Data	1.4													
			SD-08 Manufacturer's Instructions														
			Preventative Maintenance	1.5													
			Condition Monitoring (Predictive	1.5										<u> </u>			
			Testing)														
\rightarrow			Inspection	1.5													1
\rightarrow			Instructions	1.6.1													1
\rightarrow			SD-10 Operation and Maintenance											-			Į.
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-+			Operation and Maintenance	1.7										-			
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\rightarrow			SD-11 Closeout Submittals Record Drawings	1.3.1													
\dashv			Interim Form DD1354	1.9	G												
\dashv			Checklist for Form DD1354	1.9	G												
\dashv		02 41 00	SD-01 Preconstruction Submittals	1.3			 		\vdash		 						
		02 71 00	Existing Conditions	1.11	G		1		\vdash					\vdash			
\dashv			SD-07 Certificates	1.11	ľ												
\dashv			Demolition Plan	1.2.1	G												
			Deconstruction Plan	1.2.1	G				T								
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		02 41 00	SD-11 Closeout Submittals														
			Receipts	3.3.4													
		02 61 13	SD-02 Shop Drawings														
			Surveys	3.1	G												
			SD-03 Product Data														
			Work Plan	1.2	G												
			Closure Report	3.11	G												
			SD-06 Test Reports														
			Backfill	2.2	G												
			Surveys	3.1	G												
			Confirmation Sampling and	3.5	G												
			Analysis														
			Sampling of Stored Material	3.7.1	G												
			Sampling Liquid	3.7.2	G												
			Compaction	3.9.2	G												
		02 65 00	SD-01 Preconstruction Submittals														
			Work Plan	1.4.4	G												
			Site safety and health plan	1.4.4.1	G												
			Excavation and material handling	1.4.4.2	G												
			plan														
			Field sampling and laboratory	1.4.4.3	G				$oxed{oxed}$								
			testing plan						$oxed{oxed}$								
			Tank and piping removal and	1.4.4.4	G				$oxed{oxed}$								
			disposal plan						$oxed{oxed}$								
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			Qualifications	1.4.1	G												

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\perp		02 65 00	Laboratory Services	1.4.2	G												
			SD-06 Test Reports														
			Backfill Material	2.1	G												
			Tank Contents Verification	3.2	G												
			Contaminated Water Disposal	3.5.2	G												
			Soil Examination, Testing, and	3.10	G												
			Analysis														
			Backfilling	3.11	G												
			Tank Closure Report	3.15	G												
			SD-11 Closeout Submittals														
			Salvage Rights	3.12.4	G												
			Tank Closure Report	3.15	G												
		02 81 00	SD-03 Product Data														
			Onsite Hazardous Waste	3.1	G												
			Management														
			Notices of Non-Compliance and	3.2													
			Notices of Violation														
			Packaging Notifications	2.1.1													
			SD-06 Test Reports														
			Recordkeeping	3.6	G												
			Spill Response	3.7													
			Exception Report	3.6	G												
			SD-07 Certificates														
			Certification	1.4.3													
			Security Plan	3.2.4													
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		02 81 00	Transportation and Disposal	1.4.1	G												
			Coordinator														
			Training		G												
			EPA Offsite Policy	3.2.2													
			Certificates of Disposal	3.2.5													
_			Shipping Documents and	3.2.3	G												
			Packagings Certification														
			Waste Minimization	3.5	G												
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_			Detailed Drawings	1.3	G				_					_			
\rightarrow			SD-03 Product Data														
\rightarrow			Asbestos Waste Shipment	3.11.3.1													
			Records														
\rightarrow			Encapsulants	2.1					-					-			
\rightarrow			Respiratory Protection Program		G												
			Cleanup and Disposal	3.11	0												
-+			Qualifications Tracining Description	1.5.1	G												
			Training Program	1.10													
\dashv			Licenses, Permits and Notifications	1.7.1		-	1		\vdash					\vdash			
-			Asbestos Management Plan	3.11.3.2													
\dashv			SD-06 Test Reports	3.11.3.2					\vdash					\vdash			
\dashv			Exposure Assessment and Air	3.9		 	 										
-			Monitoring	0.0			<u> </u>										
\dashv			Local Exhaust System	1.6.3			1		\vdash					\vdash			
\dashv			SD-07 Certificates	1.0.0					\vdash								
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			Encapsulants	2.1	G												
			Medical Surveillance	1.8													
			Requirements														
		02 83 19.00 10	SD-03 Product Data														
			Materials and Equipment	2.1													
			Expendable Supplies	2.1.1													
			Qualifications	1.5.1	G												
			Occupant Protection Plan	1.5.4	G												
			SD-06 Test Reports														
			Pressure Differential Log	3.1.3													
			Licenses, Permits and	1.5.5	G												
			Notifications														
			Sampling and Analysis	1.3.3													
			Abatement Report	3.5	G												
		03 11 13.00 10	SD-02 Shop Drawings														
			Formwork	3.1.1													
			SD-03 Product Data														
			Design	1.2													
			Form Materials	2.1													
		03 15 00.00 10	SD-03 Product Data														
			Preformed Expansion Joint Filler	2.2													
			Sealant	2.3													
			Waterstops	2.4													
		03 20 00.00 10	SD-02 Shop Drawings														
			Reinforcement	3.1													
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		03 20 00.00 10	SD-03 Product Data														
			Epoxy-Coated Bars	2.3.2													
			SD-07 Certificates														
			Welding Qualifications	1.3.1													
			Reinforcing Steel	2.3													
		03 30 00	SD-02 Shop Drawings														
\Box			Fabrication Drawings	1.6.2.1													
$ \bot $			Reinforcing steel	1.6.2.3	G												
			Synthetic reinforcing fibers	2.5.5													
			SD-03 Product Data														
			Portland Cement	2.4.1.3													
			Ready-Mix Concrete	2.3.2													
			Bonding Materials	2.6													
			Pumping Concrete	1.6.3.2													
			Epoxy bonding compound	2.4.11													
			Waterstops	3.14.2													
			SD-05 Design Data														
			Concrete mix design		G												
			Calculations	1.6.1.1					$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
			SD-06 Test Reports														
			Concrete mix design	1.6.4.1	G												
			Ground granulated blast-furnace	1.6.4.3													
			slag														
			Tolerance report	3.10.2.1													
			Compressive strength tests	3.12.2.3													
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Air Content 3.12.2.4	
Slump Tests 3.12.2.1	
Temperature Tests 3.12.2.2	
Ion Concentration 3.12.2.6 SD-07 Certificates Curing concrete elements 1.6.3.1	
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Curing concrete elements 1.6.3.1	
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agents, curing compounds, and	
concrete penetrating sealers	
Material Safety Data Sheets 1.6.3.5	
Welder Qualifications 1.9	
Welding Procedures 1.9	
Classification and Quality of 2.8	
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SD-08 Manufacturer's Instructions	
Fly ash 1.6.4.2	
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Quality Control Procedures 1.4.1.2	

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			Standard Precast Units	1.2.1													
			Custom-Made Precast Units	1.2.2													
			SD-03 Product Data														
			Standard Precast Units	1.2.1													
			Proprietary Precast Units	1.2.3													
			Embedded Items	3.1.3													
\perp			Accessories	2.1.11													
\perp			SD-05 Design Data														
			Design Calculations	1.2.2													
			Concrete Mix Proportions	1.2.5.1													
			SD-06 Test Reports														
			Test Reports	1.4.1.4													
		03 41 16.08	SD-02 Shop Drawings														
			Fabrication Drawings	2.1	G												
			Installation Drawings	2.1	G												
			SD-03 Product Data														
			Precast Curb Units	2.3.2													
			Absorption Cover	2.3.7													
			Moisture-Retaining Cover	2.3.7													
			Cement Grout Joint Sealing	2.3.3													
			Materials														
			SD-05 Design Data														
			Design analysis	2.3.1													
			Calculations	2.3.1													
			SD-06 Test Reports														
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		03 41 16.08	Nail Driving and Nail Pulling	2.3.1													
			Tests														
			Strength Tests	2.3.1	G												
			SD-07 Certificates														
			Precast Concrete Roof Slabs	2.3.1	G												
			Precast Curb Units	2.3.2	G												
			Cement Grout Joint Sealing	2.3.3													
\perp			Materials														
			SD-08 Manufacturer's Instructions														
			Installation Instructions	2.3.1													
		04 20 00	SD-02 Shop Drawings														
			Detail Drawings	1.4.4													
			SD-03 Product Data														
			Concrete Masonry Units (CMU)	2.4													
			Concrete Brick	2.3	G												
			Clay or Shale Brick	2.2	G												
			Cement	2.8.4	G												
			Cold Weather Installation	1.6.2	G												
			Precast Concrete Items	2.5	G												
			Fire-rated CMU	2.4.3	G												
			SD-05 Design Data														
			Pre-mixed Mortar	2.8.5													
			Unit Strength Method	1.2.1.1													
			SD-06 Test Reports														
			Efflorescence Test	3.24.3													
			Field Testing of Mortar	3.24.1													

TITLE	AND	LOCATION				CONTRAC	TOR				I						
2014	4 08	MA SPECIFIC	ATIONS - KOREA			<u> </u>											
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A C T I V I T Y	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	A C T I O N C O D E	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	(q)	(r)
		04 20 00	Field Testing of Grout	3.24.2													
			Prism tests	3.24.4	G												
			SD-07 Certificates														
			Masonry Inspector Qualifications	1.4.3	G												
		05 05 23	SD-03 Product Data														
			Welding Procedures	1.5	G												
			SD-06 Test Reports														
			Nondestructive Examination	3.3.1													
			SD-07 Certificates														
			Welder, Welding Operator, and	1.5.5													
			Tacker Qualification														
			Inspector Qualification	1.5.6													
			Previous Qualifications	1.5.2													
		05 12 00	SD-02 Shop Drawings														
			Fabrication drawings	1.5.1	G												
			SD-03 Product Data														
			Steel	2.1													
			Bolts, nuts, and washers	2.2													
			Bolts, nuts, and washers	2.2													
			SD-07 Certificates														
			Welding procedures and	1.5.2.3													
			qualifications														
		05 21 23	SD-01 Preconstruction Submittals												1		
			Material Safety Data Sheet	1.5.2													
\neg			SD-02 Shop Drawings	T													
			Steel joist girder framing	1.5.1	G												
		•	, The jean grown marring	,		•	•			•	•				•		

TITLE	AND	LOCATION				CONTRAC	TOR										
2014	804	MA SPECIFICA	ATIONS - KOREA														
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A C T I V I T Y N O	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	(q)	(r)
		05 21 23	SD-07 Certificates														
			Welder qualification	1.5.2													
			Certification of Compliance	1.5.2													
		05 30 00	SD-02 Shop Drawings														
			Fabrication Drawings	1.3.5													
			SD-03 Product Data														
			Deck Units	2.3.1													
			Galvanizing Repair Paint	2.1.3.1													
			Mechanical Fasteners	2.2.12													
			Metal Floor Deck Units	2.3.2													
			Welding Equipment	1.3.3													
			Welding Rods and Accessories	1.3.3													
			SD-05 Design Data														
			Deck Units	2.3.1													
			SD-07 Certificates														
			Welder Qualifications	1.3.3													
			Powder-Actuated Tool Operator	1.3.2													
		05 50 13	SD-02 Shop Drawings														
			Fabrication drawings	1.4.2	G												
			SD-03 Product Data														
			Cover plates and frames	2.6													
			Floor gratings and roof walkways	2.9													
			Wheel guards	2.17													
			Window and door guards	2.18													
			Roof hatch	3.11													
\neg		05 50 14	SD-02 Shop Drawings														
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			ATIONS - KOREA														
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A C T I V I T Y N O	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	FROM	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		05 50 14	Detail Drawings	1.3.2	G				_								
			SD-03 Product Data														
			Welding of Structural Steel	2.2.2.1													
			Structural Steel Welding Repairs	2.3.4	G												
			Materials List	2.1.1													
			SD-06 Test Reports														
			Tests, Inspections, and	2.3													
			Verifications														
			SD-07 Certificates														
			Qualification of Welders and	1.3.1													
			Welding Operators														
			Application Qualification for Steel	2.2.2.3													
			Studs														
			Welding of Aluminum	1.3.1	G												
		05 51 00	SD-02 Shop Drawings						<u> </u>								
			Metal Stair System	2.16	G				<u> </u>								
			SD-03 Product Data														
			Structural Steel Tubing	2.3	G												
			Hot-Rolled Carbon Steel Bars	2.4													
			Cold-Rolled Carbon Steel Sheets														
				2.8													
			Cold-Drawn Steel Tubing	2.9													
			Concrete Inserts	2.13	G												
			Masonry Anchorage Devices	2.14	G												
			Steel Stairs	2.18.8	G												
			Steel Stairs, Circular	2.18.9	G												

TITLE	AND	LOCATION				CONTRAC	TOR				L						
2014	4 08	MA SPECIFIC	ATIONS - KOREA														
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A C T I V I T Y N O	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	ACTION CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
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\perp		05 51 33	SD-02 Shop Drawings														
			Ladder fabrication and	1.4													
			installation drawings														
			SD-03 Product Data														
			Ladders	2.3													
		05 52 00	SD-02 Shop Drawings														
			Fabrication and Installation	2.1													
			Drawings														
			SD-03 Product Data														
			Steel Railings and Handrails	2.13													
			Aluminum Railings and Handrails	2.14													
			SD-07 Certificates														
			Welding Procedures	1.3.1	G												
			Welder Qualification	1.3.2	G												
\Box			SD-08 Manufacturer's Instructions														
\Box			Installation Instructions	3.1	G												
\neg		06 10 00	SD-02 Shop Drawings														
\neg			Fabricated structural members	1.9.1	G												
\neg			Modifications of structural	1.9.1	G												
\Box			members														
\Box			Modifications of structural	1.9.2	G												
\neg			members														
\neg			SD-03 Product Data														
\neg			Underlayment	2.4													
\neg			Plastic Lumber	2.1.2											1		
\neg			Fiberboard Wall Sheathing	2.5.2													
					•	•	•		-	•	•		•	-	•	•	

TITLE	AND	LOCATION				CONTRAC	TOR										
			ATIONS - KOREA														
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A C T I V I T Y N O	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
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		06 10 00	Cellulose Honeycomb Panels	2.5.5													
			Fire-retardant treatment	1.8													
			Engineered wood products	2.1.1													
			Structural-use and OSB panels	1.4.4													
			Oriented Strand Board	2.3													
			Adhesives	2.5.11													
			SD-05 Design Data														
			Modifications of structural	1.9.1	G												
			members														
			Modifications of structural	1.9.2	G												
			members														
			SD-06 Test Reports														
			Preservative-treated	1.4.5													
			SD-07 Certificates														
			Certificates of grade	1.9.3													
			Preservative treatment	1.7													
		06 20 00	SD-02 Shop Drawings														
			Detail Drawings	1.3													
			SD-03 Product Data														
			Siding	2.1.12	G												
			Siding	2.1.12	G												
			Epoxy-Aggregate Panels	2.1.12.9													
			SD-07 Certificates														
			Certificates of grade	1.4													
			Certificates of compliance	1.4													
		07 11 13	SD-07 Certificates														
		-	-	-	-	-	-	-		-	-	-	-		-		

		LOCATION	ATIONS KODEA			CONTRAC	ΓOR				<u>'</u>						
2014	O	MA SPECIFICA	ATIONS - KOREA		G	C SC	ONTRACTO	R: TES		NTRACTOR ACTION		APF	PROVING AL	THOF	RITY		
A C T I V I T Y N O	T R A N S M I T T A L NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	A C T I O N C O D E	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	(q)	(r)
		07 11 13	Materials	1.3													
		07 12 00	SD-03 Product Data														
			Protection board	2.6													
			Prefabricated copper fabric	2.8													
			Membrane fabric	2.3													
			SD-06 Test Reports														
			Liquid asphalt	1.4.2													
		07 13 53	SD-03 Product Data														
			Elastomeric waterproofing sheet	2.1	G												
			material														
			Protection board	2.5													
			Primers, adhesives, and mastics	2.1													
			SD-06 Test Reports														
			Field Quality Control	3.6													
			Verification Of Conditions	3.1													
			SD-08 Manufacturer's Instructions														
			Primers, Adhesives and Mastics	2.1													
			(MSDS)														
		07 14 00	SD-03 Product Data														
\Box			Fluid-applied membrane	2.1													
\Box			Elastomeric sheet	2.8													
			Flexible foam-backed elastomeric	2.10													
			sheet														
			Bond breaker	2.7													
			SD-11 Closeout Submittals														
			Warranty	1.6													

		LOCATION	ATIONS - KOREA			CONTRAC	TOR										
2014	Oo	XIVIA SPECIFIC	ATIONS - ROREA		G	C SC	CONTRACTO HEDULE DA	R: TES	CON	NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
A C T - V - T Y N O	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		07 14 00	Information Card	3.6													
			Instructions To Government	3.5													
			Personnel														
		07 21 13	SD-03 Product Data														
			Block or board insulation	2.1													
			Vapor retarder	2.2													
			Pressure sensitive tape	2.3													
		07 21 16	SD-03 Product Data														
			Blanket insulation	2.1													
$\perp \perp$			Sill sealer insulation	2.2													
			Vapor retarder	2.4													
			Pressure sensitive tape	2.5													
		07 22 00	SD-02 Shop Drawings														
			Tapered roof insulation system	1.3	G												
			SD-03 Product Data														
			Insulation	2.1													
			SD-07 Certificates														
			Manufacturer's Certificate	1.4													
		07 24 00	SD-02 Shop Drawings														
			Shop drawings	3.3	G												
			SD-03 Product Data														
			Sheathing board	2.2													
			Thermal insulation	2.6													
			Adhesive	2.3													
\neg			Accessories	2.12													
			Base coat	2.7													

	D LOCATION	ATIONS KODEA			CONTRAC	TOR										
2014 0	O&MA SPECIFIC	ATIONS - KOREA			C SC	ONTRACTO	R: res		NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
T R A N S M I T T A L NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) (b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(p)	(r)
	07 24 00	Reinforcing fabric	2.9													
		Finish coat	2.10													
		Joint Sealant	2.13													
		Insulation Board	1.4.5													
		Warranty	1.7													
		SD-05 Design Data														
		Moisture analysis	1.2.4													
		SD-06 Test Reports														
		Abrasion resistance	1.2.3.1													
_		Accelerated weathering	1.2.3.2					_					_			
		Impact resistance	1.2.2.3													
_		Mildew resistance	1.2.3.3					-					-			
_		Salt spray resistance	1.2.3.4					-					-			
-		Absorption-freeze-thaw	1.2.3.6		1			\vdash	-				\vdash			
-		Wall fire test	1.2.1.3					\vdash					\vdash			
-		Wind load	1.2.1.2			1		\vdash	-				\vdash	-		
+		Water penetration	1.2.1.1					\vdash	 				 	-		
+		Water resistance	1.2.3.5 1.2.2.1			1		\vdash	 				\vdash	-		
+		Surface Burning Characteristics	1.2.2.1					\vdash					\vdash			
-		SD-07 Certificates Qualifications of EIFS	1.4.1													
+		Manufacturer	1.4.1			1		\vdash					\vdash			
\dashv		Qualification of EIFS Installer	1.4.2					\vdash	 				\vdash			
\dashv		Qualification of Sealant	1.4.3					\vdash	 				\vdash			
\dashv		Applicator	1.4.3			1										
+		SD-08 Manufacturer's Instructions														
	1	19D-08 Manufacturer's Instructions				<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>		<u> </u>	I .	

TITLE	AND	LOCATION				CONTRAC	TOR										
			ATIONS - KOREA														
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A C T I V I T Y N O	T R A N S M I T T A L NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
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		07 24 00	Installation of EIFS	3.3													
			SD-10 Operation and Maintenance														
			Data														
			Maintenance of EIFS	3.7													
		07 31 13	SD-03 Product Data														
			Shingles	2.1.1													
		07 32 13	SD-02 Shop Drawings														
			Clay Tile Roofing System	1.7.2													
			SD-03 Product Data														
			Clay Roof Tile	2.1.1													
			Concrete Roof Tile	2.1.2													
			Underlayment membrane	2.2													
			Glass mesh mortar units	2.3.1													
			Fiberglass-faced gypsum roof	2.3.2													
			board														
			Warranty	1.4.1													
			SD-07 Certificates														
			Qualifications of roofing	1.7.1													
			personnel														
		07 41 13	SD-02 Shop Drawings														
			Drawings	1.4.5	G												
			SD-03 Product Data														
			Roof panels	2.1													
			Accessories	2.4													
			Underlayments	2.7	G												
			Coil Stock	1.4.5	G												

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2014 O	&MA SPECIFIC	CATIONS - KOREA	1	1				_		1	1				1	
				G	SC SC	ONTRACTO	R: res	CON	NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
T R A A N C S T M I T T T T T T T T T T T T T T T T T	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G # A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	A C T I O N C O D E	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) (b)		(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
	07 41 13	Warranty	3.11													
		SD-06 Test Reports														
		Leakage Test Report		G												
		Wind Uplift Test Report	1.2.1.2	G												
		SD-07 Certificates														
		Roofing Panels	1.4.1.1	G												
		Coil stock compatibility	1.4.5													
		Qualification of Manufacturer	1.4.1	G												
		Qualification of Applicator	1.4.2					<u> </u>					<u> </u>			
		SD-08 Manufacturer's Instructions						_					_			
		INSTALLATION MANUAL	1.4.5					_					_			
_		SD-11 Closeout Submittals											-			
_		Warranties	1.8										-			
\perp	 	Information Card	3.10	1				<u> </u>					<u> </u>	ļ		
+	07 42 13	SD-02 Shop Drawings						\vdash					\vdash			
_		Installation Drawings	1.5.1.1					-					-			
_		SD-03 Product Data						-					-			
_		Wall Panels	2.2.1					-					-			
-		Sealants and Caulking	2.5.4.1		-			\vdash	-	-			├	<u> </u>		
+		SD-05 Design Data	4510					\vdash	-				\vdash	<u> </u>		
-		Wind load design analysis	1.5.1.2	G				\vdash					\vdash			
		SD-06 Test Reports	4.0.0					\vdash					\vdash	-		
-		Wind Load Tests	1.3.2	G				\vdash					\vdash	-		
+		SD-07 Certificates	4.5.0	1				\vdash					\vdash	<u> </u>		
+		Qualification of Manufacturer	1.5.3	1				\vdash					\vdash	<u> </u>		

		LOCATION	ATIONS KODEA			CONTRAC	TOR										
2014	U&	IVIA SPECIFIC	ATIONS - KOREA			C SC	CONTRACTO	R: TES	CON	NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
A C T I V I T Y	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) (b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		07 42 13	Qualification of Installation	1.5.4													
			Contractor														
			Qualification of Welders	1.5.4.1													
			Coil Stock	1.5.3.1													
			Fasteners	1.5.3.1													
	╝		Galvanizing Repair Paint	1.5.3.1													
	╝		Enamel Repair Paint	1.5.3.1													
			SD-08 Manufacturer's Instructions														
			Installation of Wall panels	1.5.1	G												
			SD-11 Closeout Submittals														
			Warranty	1.8	G												
			Maintenance Instructions	1.5.6													
	_	07 51 13	SD-03 Product Data														
	_		Asphalt	2.4													
	_		Fiberglass Felt Materials	2.2	G												
			Granule Surface Modified	2.5.2	G												
	_		Bitumen Cap Sheet														
_	_		Base Flashing Membrane	2.3													
\bot	_		Primer	2.6					$ldsymbol{ldsymbol{ldsymbol{eta}}}$								
	_		Asphalt Roof Cement	2.7													
\perp	_		Pre-Manufactured Accessories	2.11	G												
\perp	_		Pre-Manufactured Accessories	2.11	G												
$\perp \perp$	_		Roof Walkways	2.12.1													
\perp	_		Warranty	1.8													
\perp	_		SD-06 Test Reports														
			Samples of Built-Up Roofing	3.5.3													

TITLE	AND	LOCATION				CONTRAC	TOR										
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		07 51 13	SD-07 Certificates														
			Qualifications of Applicator	1.4.1													
			SD-11 Closeout Submittals														
			Information Card	3.6													
		07 53 23	SD-02 Shop Drawings														
			Roof Plan Drawing	1.3.1													
			Wind Load Calculations	1.3.1													
			SD-03 Product Data														
			Ballast Pavers	2.1.9.2													
			EPDM Sheet	2.1.1													
			Flashings	2.1.7													
			Flashing Accessories	2.1.7													
			Fasteners and Plates	2.1.8													
			Ballast	2.1.9													
			Roof Insulation	2.1.13													
			Protection Mat	2.1.10													
			Pre-Manufactured Accessories	2.1.11													
			Warranty	1.8													
			SD-05 Design Data														
			Wind Uplift Calculations	1.4.4	G												
			SD-06 Test Reports														
			Roof Drain Test	3.8.2													
			SD-07 Certificates														
			Qualification of Manufacturer	1.4.1													
			Qualification of Applicator	1.4.2													
			Wind Uplift Resistance	1.4.4	G												

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			ATIONS - KOREA														
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A C T I V I T Y N O	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I ON C O D E	DATE OF ACTION	FROM	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
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		07 53 23	Fire Resistance	1.4.3	G												
			SD-08 Manufacturer's Instructions														
			Application	3.2													
			Application Method	3.2.3													
			Instructions For Membrane	3.3.2													
			Flashing														
			SD-11 Closeout Submittals														
			Information Card	3.10													
			Instructions To Government	3.9													
			Personnel														
		07 60 00	SD-02 Shop Drawings														
			Drawings	1.5													
			SD-03 Product Data														
			Flashing	3.1.2													
			Flashing	3.1.11													
			SD-11 Closeout Submittals														
			Quality Control Plan	3.5													
		07 81 00	SD-03 Product Data														
			Fireproofing Material	3.3	G												
			SD-04 Samples														
			Spray-Applied Fireproofing	2.1													
			SD-06 Test Reports														
			Fire Resistance Rating	1.2.2													
			Field Tests	3.6	G												
			SD-07 Certificates														
			Installer Qualifications	1.4.1													

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		07 81 00	Surface Preparation Report	3.1	G												
		07 84 00	SD-02 Shop Drawings														
			Detail Drawings	1.2.3	G												
			SD-03 Product Data														
_			Firestopping Materials	2.1	G												
			SD-07 Certificates														
\perp			Firestopping Material Certificate	1.2.3													
\rightarrow			Installer Qualifications	1.4.1										<u> </u>			
\rightarrow		07 92 00	SD-03 Product Data											_			
\rightarrow			Sealants	2.1										_			
\rightarrow		08 11 13	SD-02 Shop Drawings											<u> </u>			
\rightarrow			Door Drawings	1.4	G									<u> </u>			
\rightarrow			Door Schedule	1.4	G									<u> </u>			
\dashv			SD-03 Product Data						_					_	ļ		
\rightarrow			Doors	2.1					<u> </u>					<u> </u>		_	
\dashv			Frames	2.7					<u> </u>					<u> </u>		_	
\dashv			Accessories	2.5					<u> </u>					<u> </u>		_	
\dashv		08 11 16	SD-02 Shop Drawings		_		1	ļ	<u> </u>					<u> </u>	ļ	_	
\dashv			Door and Frame Drawings	1.5.1	G				\vdash					\vdash		<u> </u>	
\dashv			SD-03 Product Data	<u> </u>					\vdash					\vdash		<u> </u>	
\dashv			Doors and Frames	2.1					\vdash					\vdash		<u> </u>	
\dashv			SD-10 Operation and Maintenance						\vdash					\vdash		<u> </u>	
\rightarrow			Data				1	ļ	<u> </u>					<u> </u>	ļ	_	
\rightarrow			Maintenance of Doors and	3.3			1	ļ	<u> </u>					<u> </u>	ļ	_	
\rightarrow			Frames						_					<u> </u>			
		08 14 00	SD-02 Shop Drawings														

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		08 14 00	Door Drawings	1.4	G												
			SD-03 Product Data														
			Doors	2.1													
			Warranty	1.5													
			Fire Resistance Rating	2.1.7	G												
		08 33 13	SD-02 Shop Drawings														
			Detail Drawings	1.4													
			SD-03 Product Data														
			Rolling Counter Doors	1.2													
				2.2													
			(Non-Rated)														
				2.3													
			SD-10 Operation and Maintenance														
			Data														
\neg			Rolling Counter Doors	3.5													
\neg			(Non-Rated)														
\neg			Fire-Rated Rolling Counter Doors	3.5													
\neg			Cleaning	3.5													
\neg		08 33 23	SD-02 Shop Drawings														
\neg			Overhead Coiling Door Detail	1.5													
			Drawings														
\neg			SD-03 Product Data														
\neg			Overhead Coiling Doors	2.1													
\dashv			Warranty	1.6													
\dashv			Hardware	2.2													
\dashv			Counterbalancing Mechanism	2.3													
			Control Salarioning Modification				1										<u> </u>

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\rightarrow		08 33 23	Manual Door Operators	2.4													
\rightarrow			Electric Door Operators	2.5													
\perp			Fire-Rated Door Assembly	2.6													
\perp			SD-10 Operation and Maintenance														
			Data														
			Operation and Maintenance	1.6													
			Manuals														
		08 36 13	SD-02 Shop Drawings														
			Drawings	1.3	G												
			SD-03 Product Data														
			Doors	2.2													
			Electric operators	2.6													
			SD-08 Manufacturer's Instructions														
			Installation Instructions	3.1													
			SD-10 Operation and Maintenance														
\Box			Data														
\Box			Operation and Maintenance	3.4													
\neg		08 51 13	SD-02 Shop Drawings														
			Installation Drawings	1.4.1	G												
			Fabrication Drawings	1.4.1													
			SD-03 Product Data														
			Windows	2.1													
			Hardware	2.2.8.1													
\neg			Thermal-Barrier Windows	2.4													
\neg			Mullions	2.5	Î										1		
\neg			Screens	2.2.10													
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Thermal Performance 1.9.5		<u> </u>	<u> </u>						Ш				<u> </u>			08 51 13	
Warranty 1.11														2.2.8	Accessories		
SD-05 Design Data Structural Calculations For 2.1 G Deflection Design Analysis 1.4.2 G SD-06 Test Reports Minimum condensation 1.4.3 resistance factor Resistance to forced entry 1.4.3 Standard Airblast Test 1.4.3 SD-10 Operation and Maintenance Data Operation and Maintenance Data Operation and Maintenance Os SD-02 Shop Drawings 1.3 G SD-03 Product Data Engineered Wood Products 2.1.1 Wood windows SD-10 Operation and Maintenance Data Data SD-10 Operation and Maintenance Data SD-10 Operation and Maintenance SD-10 Operation and Maintenance Data SD-03 Product Data SD-03 Product Data SD-03 Product Data SD-04 Operation and Maintenance SD-10 Operation and Maintenance Data SD-10 Operation and Maintenance SD-10 Operation and Maintenance Data SD-10 Operation and Maintenance SD-10 Operation and Ma															Thermal Performance		
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resistance factor													<u> </u>		· · · · · · · · · · · · · · · · · · ·		
Resistance to forced entry 1.4.3													<u> </u>	1.4.3			
Standard Airblast Test																	
SD-10 Operation and Maintenance Data D															Resistance to forced entry		
Data														1.4.3	Standard Airblast Test		
Operation and Maintenance 3.5															SD-10 Operation and Maintenance		
Manuals 08 52 00 SD-02 Shop Drawings 1.3 G Installation Drawings 1.3 G Installation Drawings Ins			<u> </u>	Ш					Ш					<u> </u>			
08 52 00 SD-02 Shop Drawings 1.3 G			<u> </u>	Ш					Ш					3.5			
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SD-03 Product Data			<u> </u>	Ш					Ш					<u> </u>		08 52 00	
Engineered Wood Products 2.1.1													G	1.3			
Wood windows 2.2 SD-10 Operation and Maintenance Data															SD-03 Product Data		
SD-10 Operation and Maintenance Data															Engineered Wood Products		
Data Data														2.2			
															SD-10 Operation and Maintenance		
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Operation and Maintenance 3.5														3.5	Operation and Maintenance		
Manuals															Manuals		

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		08 71 00	SD-02 Shop Drawings														
			Hardware schedule	1.3													
			Keying system	2.3.8													
			SD-03 Product Data														
			Hardware items	2.3	G												
		08 81 00	SD-02 Shop Drawings														
			Installation	1.6													
			SD-03 Product Data														
			Insulating Glass	2.2													
			Plastic Glazing	2.3													
			Warranty	1.7													
		08 87 16	SD-03 Product Data														
			Fragment Retention Film	2.2													
			Warranty	1.6													
			SD-06 Test Reports														
			Certified Test Reports	1.2.2													
			Impact Performance	2.2.1													
			SD-07 Certificates														
			Statement	1.2.2													
			SD-08 Manufacturer's Instructions														
			Application and Cleaning	1.2.2													
			Instructions														
		08 91 00	SD-02 Shop Drawings														
			Wall louvers	1.4													
			SD-03 Product Data														
\Box			Metal Wall Louvers	2.2													
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		09 22 00	SD-02 Shop Drawings														
			Metal support system	1.4													
			SD-03 Product Data														
			Metal Support Systems	2.1													
		09 22 36	SD-03 Product Data														
			Lath	2.1										<u> </u>			
		09 24 23	SD-02 Shop Drawings											_			
			Lath	3.3					_					_			
			SD-03 Product Data						_					_			
			Proportions and Mixing	3.6													
		09 29 00	SD-03 Product Data														
			Gypsum Board	2.1.1													
			Cementitious backer units	2.1.8													
			Glass Mat Water-Resistant	2.1.4													
			Gypsum Tile Backing Board														
			Water-Resistant Gypsum	2.1.3													
			Backing Board														
			Glass Mat Covered or Reinforced	2.1.5													
			Gypsum Sheathing														
			Glass Mat Covered or Reinforced	2.1.5.1													
\perp			Gypsum Sheathing Sealant		ļ				$oxed{oxed}$								
			Impact Resistant Gypsum Board	2.1.6													
\perp			Accessories	2.1.14	<u> </u>												
			SD-07 Certificates														
			Asbestos Free Materials	2.1	G												
		09 30 00	SD-02 Shop Drawings														
		09 30 00	100-02 Shop Diawings	l	1	<u> </u>	1	1	_		<u> </u>	l .	<u> </u>		1		

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		09 30 00	Detail Drawings	1.3	G												
			SD-03 Product Data														
			Tile	2.1	G												
			Setting-Bed	2.2													
			Mortar, Grout, and Adhesive	2.4													
			SD-06 Test Reports														
			Testing	3.7	G												
		09 51 00	SD-02 Shop Drawings														
			Approved Detail Drawings	1.2													
			SD-03 Product Data														
			Acoustical Units	2.1													
			SD-06 Test Reports														
			Fire Resistive Ceilings	1.2.1													
			Ceiling Attenuation Class and	1.2.2													
			Test														
		09 64 29	SD-02 Shop Drawings														
			Squash and Handball Court	3.2.2	G												
			Walls														
			SD-03 Product Data														
			Bamboo	2.1.2													
			Installation	3.2													
		09 65 00	SD-02 Shop Drawings														
			Scaled Drawings	2.17													
\neg			SD-03 Product Data														
\neg			Resilient Flooring and	2.17													
\neg			Accessories	1													
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		09 65 00	Adhesives	2.13													
			Sheet Linoleum	2.6													
			Linoleum Tile	2.7													
			Cork	2.8													
			SD-06 Test Reports														
			Moisture, Alkalinity and Bond	3.3													
			Tests														
			SD-08 Manufacturer's Instructions														
			Installation	3.1													
			SD-10 Operation and Maintenance														
			Data														
			Resilient Flooring and	2.17													
			Accessories														
		09 65 66	SD-02 Shop Drawings														
			Approved Detail Drawings	3.3.6.1	G												
			SD-03 Product Data														
			Installation	3.3													
		09 68 00	SD-02 Shop Drawings														
			Installation	3.4	G												
			SD-03 Product Data														
			Carpet	2.1	G												
			Carpet Cushion	2.1	G												
			Carpet Moldings	2.1	G												
			SD-06 Test Reports														
			Moisture and Alkalinity Tests	3.2													
			SD-07 Certificates														
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Υ	L	S E	DESCRIPTION	R A	T E I V		APPROVAL	MATERIAL	C	DATE	DATE RCD	DATE FWD	DATE RCD	C	DATE	DATE RCD	
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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		09 68 00	Carpet Cushion and Molding	1.3													
			SD-08 Manufacturer's Instructions														
			Printed Installation Instructions	3.1													
			SD-10 Operation and Maintenance														
			Data														
_			Cleaning and Protection	3.5													
		09 69 13	SD-02 Shop Drawings														
			Detailed Installation Drawings	1.4	G												
_			SD-03 Product Data						_								
_			Floor Panels	2.1					_								
\rightarrow			SD-05 Design Data														
\rightarrow				1.2													
\rightarrow			Seismic Calculations	1.2.7													
\rightarrow			SD-06 Test Reports	0.0.0	-		-		-	<u> </u>	-						
\rightarrow			Electrical Resistance	3.2.2					\vdash								
-			Acceptance Tests	3.2.1					\vdash								
\dashv			SD-07 Certificates	4.0		-	-		\vdash	-	-				 	 	
\dashv			Access Flooring System	1.2	-	-	-		\vdash	-	-			_		\vdash	
\rightarrow			Access Flooring System	2.4 3.5					\vdash								
\dashv			Operation and Maintenance Manuals	ა.5		-	1		\vdash						 		
\dashv		09 69 19	SD-02 Shop Drawings														
\dashv		08 08 18	Detailed Installation Drawings	1.4	G				\vdash								
\dashv			SD-03 Product Data	1.4	9				\vdash								
\dashv			Access Flooring System	2.4			 										
\dashv			SD-05 Design Data	۷.4	 	 	 				 						
			100 00 Design Data		1	1	1										

2014 O&MA SPECIF T R A A N C S S T M S I I P P V T E C T A Y L S E C C O O T (a) (b) (c) 09 69 19	ICATIONS - KOREA	P A	G O V C T L A O S R	C SC	ONTRACTOI HEDULE DAT	R: res		TRACTOR ACTION		APP	ROVING AU	ITHOR	RITY		
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R A N C S T M I I P V T E C T A Y L S E N N N C O O T (a) (b) (c)			O V C T L A O S R	SC	HEDULE DA	IES	P	ACTION						1 1	,
R A N C S T M I I I P V T E C T A Y L S E N N N C O O T (a) (b) (c)			C T L A O S R										i	1 1	I
	DESCRIPTION ITEM SUBMITTED	R A G# R A P	S	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACH-OZ CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	ACT-ON CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
09 69 19	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
	Compliance with ICC-ES AC300	1.2													<u> </u>
	Seismic Calculations	1.2.6													
	SD-06 Test Reports														
	Electrical Resistance	3.2.2													
	Acceptance Tests	3.2.1													
	SD-07 Certificates														
	Certificate Of Compliance	1.2													
	Operation and Maintenance	3.5													
	Manuals														l .
09 72 00	SD-03 Product Data														
	Wallcoverings and Accessories	2.1	G												
	Primer and Adhesive	2.10													
	SD-07 Certificates														
	Manufacturer's Statement	2.1.2													
	SD-10 Operation and Maintenance														
	Data														
	Manufacturer's Maintenance	2.1.4													
	Instructions														
09 90 00	SD-03 Product Data														
	Coating	3.6.4													
	Manufacturer's Technical Data	2.1													
	Sheets														
	SD-07 Certificates														
	Applicator's qualifications	1.3													
	Qualification Testing	1.4.1.2													
	SD-08 Manufacturer's Instructions														<u> </u>

		LOCATION				CONTRACT	ΓOR										
2014	80	MA SPECIFIC	ATIONS - KOREA														
						С	ONTRACTO	R:	CON	NTRACTOR		APF	PROVING AL	JTHOF	RITY		
					G	SCI	HEDULE DAT	TES	/	ACTION							
A C T I V I T Y	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	ACTION CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	(p)	(r)
		09 90 00	Application instructions	3.6.1													
			Mixing	3.6.2													
			Manufacturer's Material Safety	1.7.2													
			Data Sheets														
			SD-10 Operation and Maintenance														
			Data														
				3.13													
			Instructions														
		10 14 01	SD-02 Shop Drawings														
				3.1													
			SD-03 Product Data														
\perp			Exterior Signage	1.2													
			Wind Load Requirements	1.2.1													
		10 14 02	SD-02 Shop Drawings														
\perp			Detail Drawings	1.2													
			SD-03 Product Data						_					_			
			Installation	3.1	G												
			SD-10 Operation and Maintenance														
			Data														
			Operating Instructions	3.1	G												
		10 21 13	SD-02 Shop Drawings						$oxed{oxed}$								
			Installation Drawings	3.3					$oxed{oxed}$								
			SD-03 Product Data														
\perp				2.1.5	ļ												
			Warranty	1.6													
		10 28 13	SD-03 Product Data														

TITLE	AND	LOCATION				CONTRAC	TOR				<u> </u>						
2014	1 08	MA SPECIFIC	ATIONS - KOREA			<u> </u>											
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					G	SC	HEDULE DAT	TES	/	ACTION							
A C T I V I T Y N O	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	ACTION CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
\rightarrow		10 28 13	Accessory Items	2.2	G												
\perp			SD-10 Operation and Maintenance														
\perp			Data														
\perp			Electric Hand Dryer	2.2.27	G												
\perp		11 68 13	SD-02 Shop Drawings														
\perp			Configuration	2.2.1													
\perp			Shop Drawings	1.5.6													
			Fall Height	3.2.10													
			Finished Grade and Underground	3.1.1													
			Utilities														
			SD-03 Product Data														
			Equipment	2.2													
			Equipment Identification	1.3.4													
			Delivery, Storage and Handling	1.6													
			Manufacturer Qualification	1.5.1													
			Wood	2.1.2													
			Spare Parts	1.8													
			Materials	2.1													
			SD-04 Samples														
			Color	2.1.7													
			SD-06 Test Reports														
			Recycled Plastic	2.1.4													
			Wood Finishes	3.2.2													
			SD-07 Certificates														
			Materials	2.1													
			Manufacturer Qualification	1.5.1													
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TITLE	AND	LOCATION				CONTRAC	ΓOR										
2014	80	MA SPECIFIC	ATIONS - KOREA			<u> </u>											
						С	ONTRACTO	R:		NTRACTOR		APF	PROVING AL	JTHOF	RITY		
					G	SC	HEDULE DAT	TES	,	ACTION				_			
A C T I V I T Y N O	TRANSM-TTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	A C T I O N C O D E	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(p)	(r)
		11 68 13	Installer Qualification	1.5.2													
\rightarrow			Manufacturer's Representative	1.5.3													
\rightarrow			Wood Treatment	2.1.2.1													
			Substitution	2.2.2										<u> </u>			
_			Play Event Modification	3.2.1					_					_			
\rightarrow			Child Safety and Accessibility	3.4										-			
\rightarrow			Evaluation						_								
\rightarrow			SD-10 Operation and Maintenance						_								
\rightarrow			Data											-			
\rightarrow			Maintenance Instructions	1.8										-			
_		12 21 00	SD-03 Product Data						_					_			
\rightarrow			Window Blinds	2.1	G												
\perp		12 32 00	SD-02 Shop Drawings														
\rightarrow			Installation Drawings	3.2													
			SD-03 Product Data											_			
			Cabinets	2.10										_			
\rightarrow			Accessories and Hardware	2.2										L			
\rightarrow			Countertops	2.10					<u> </u>					<u> </u>			
\rightarrow			Manufacturer's Standard Color	2.1					<u> </u>					<u> </u>			
\perp			Charts														
\perp			SD-08 Manufacturer's Instructions														
			Manufacturer's Instructions	2.1													
		12 36 00	SD-02 Shop Drawings														
			Installation Drawings	3.1													
			SD-03 Product Data														
			Countertop	2.3	G												

	ND LOCATION	CIFICATIONS - KOREA			CONTRAC	TOR										
2014	ORIVIA SPE	CIFICATIONS - ROREA		G	C SC	CONTRACTO HEDULE DA	R: TES	CON	NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
A C T I V I T Y	TRANS SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) ((c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(p)	(r)
	12 36 00	Joint Sealants	2.5.3	G												
		SD-08 Manufacturer's Instructions														
		Manufacturer's Instructions	2.1	G												
	13 48 00	.00 10 SD-02 Shop Drawings														
		Coupling and Bracing	3.1													
		Flexible Couplings or Joints	3.3													
		Equipment Requirements	1.3													
		Contractor Designed Bracing	1.2.4	G												
		SD-03 Product Data														
		Coupling and Bracing	3.1	G												
		Equipment Requirements	1.3	G												
		Contractor Designed Bracing	1.2.4	G												
		SD-07 Certificates														
		Flexible Ball Joints	2.2													
	13 48 00	SD-02 Shop Drawings														
		Bracing	3.1	G												
		Resilient Vibration Isolation	3.4	G												
		Devices														
		Equipment Requirements	1.3	G				$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
		SD-03 Product Data						$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
$\perp \perp$		Bracing	3.1	G				$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
		Equipment Requirements	1.3	G												
\perp		SD-06 Test Reports														
\perp		Anchor Bolts	3.3													
\perp	21 13 13	.00 10 SD-02 Shop Drawings														
		Shop Drawings	1.4.3	G												

TITLE	AND	LOCATION				CONTRAC	TOR				I						
2014	1 08	MA SPECIFICA	ATIONS - KOREA														
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A C T I V I T Y N O	TRANSMITTAL NO	8 P E C 8 E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		21 13 13.00 10		3.10													
			As-Built Drawings	3.10													
			SD-03 Product Data														
			Fire Protection Related	1.4.1	G												
			Submittals														
			Materials and Equipment	2.3	G												
_			Spare Parts	1.6													
			Preliminary Tests	3.9	G												
			Final Acceptance Test	3.10	G				<u> </u>								
			Onsite Training	3.11	G				_								
			Fire Protection Specialist	1.4.1	G				_								
			Sprinkler System Installer	1.4.2	G												
			SD-05 Design Data		_												
			Sway Bracing	1.4.3	G				-								
\dashv			Hydraulic Calculations	1.2.1.3	G				\vdash	-	-						
\dashv			SD-06 Test Reports	0.0					\vdash								
\dashv			Preliminary Test Report	3.9	G				\vdash								
\dashv				3.10	G				\vdash								
			SD-07 Certificates	0.0		-			-								
-			Inspection by Fire Protection	3.3	G				-								
-+			Specialist						\vdash	-	-						
-			SD-10 Operation and Maintenance						 								
\dashv			Data	0.44					\vdash								
\dashv			Operating and Maintenance	3.11					\vdash	-	-			\vdash			
\dashv		04 42 47 00 40	Manuals						\vdash	-	-			\vdash			
		<u> ∠1 13 17.00 10</u>	SD-02 Shop Drawings			1				<u> </u>	<u> </u>	<u> </u>					

		LOCATION	ATIONS KODEA			CONTRAC	TOR										
2014	108	MA SPECIFICA	ATIONS - KOREA		G	C SC	ONTRACTO	R: res		NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
A C T I V I T Y N O	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	A C T I O N C O D E	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(p)	(r)
		21 13 17.00 10	Shop Drawings	1.4.3	G												
			As-Built Drawings	3.10													
			SD-03 Product Data														
			List of Submittals	1.4.1	G												
			Materials and Equipment	2.1	G												
			Spare Parts	1.6													
			Fire Protection Specialist	1.4.1	G												
			Installer Qualifications	1.4.2	G												
			Onsite Training	3.11	G												
			SD-05 Design Data														
			Sway Bracing	3.5.1	G												
			Hydraulic Calculations	1.2.1.2	G												
			SD-06 Test Reports														
			Preliminary Tests	3.9	G												
			Final Acceptance Test	3.10	G												
			SD-07 Certificates														
			Inspection by Fire Protection	3.4	G												
			Specialist														
			SD-10 Operation and Maintenance														
			Data														
			Operating and Maintenance	3.11													
			Instructions														
		21 13 18.00 10	SD-02 Shop Drawings														
			Shop Drawings	1.4.3	G												
			As-Built Drawings	3.10													
			SD-03 Product Data														

TITLE	AND	LOCATION				CONTRAC	TOR										
2014	08	MA SPECIFICA	ATIONS - KOREA														
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A C T I V I T Y N O	T R A N S M I T T A L N O	8 P E C 8 E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(p)	(r)
		21 13 18.00 10	Fire Protection Specialist	1.4.1	G												
			Installer Qualifications	1.4.2	G												
			List of Submittals	1.4.1	G												
			Materials and Equipment	2.1	G												
			Spare Parts	1.6													
			Onsite Training	3.11	G												
			SD-05 Design Data														
			Sway Bracing	3.5.1	G												
			Hydraulic Calculations	1.2.1.2	G												
			Storage Batteries	2.14.4.1	G												
			SD-06 Test Reports														
			Preliminary Tests	3.9	G												
			Final Acceptance Tests	3.10	G												
			SD-07 Certificates														
			Inspection by Fire Protection	3.4	G												
			Specialist														
			SD-10 Operation and Maintenance														
			Data														
			Operating and Maintenance	3.11													
			Instructions														
		21 13 24.00 10	SD-02 Shop Drawings														
			Detail Drawings	1.4.3	G												
			As-built Drawings	1.4.1													
			SD-03 Product Data														
				2.1	G												
				1.5													
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		LOCATION	ATIONS - KOREA			CONTRAC	TOR										
2014	. 00	INA SI LON IOA	THORE - NOREA		G	C SC	ONTRACTO	R: TES	CON	NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
A C T V T Y N O	TRANSMITTAL NO	0 P E C 0 E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	(q)	(r)
		21 13 24.00 10	AFFF System	1.2	G												
			Installer's Qualifications	1.4.2	G												
			Post-discharge Test	3.7.4	G												
			Requirements														
			SD-06 Test Reports														
			Test Reports	3.7.4	G												
			SD-07 Certificates														
			Materials and Equipment	2.1	G												
\perp			SD-10 Operation and Maintenance														
			Data														
			Operation and Maintenance	3.9	G												
			Manuals														
		21 21 03.00 10	SD-02 Shop Drawings														
			Installation Drawings	1.4.3	G												
			SD-03 Product Data														
			Similar Services	1.4													
			Standard Products	2.1	G												
			Preliminary Tests	3.2													
			Final Acceptance Tests	3.3													
			Field Training	3.4													
			SD-06 Test Reports														
			Preliminary Tests	3.2													
			Final Acceptance Tests	3.3													
			SD-07 Certificates														
			Installation Technician	1.4.2	G												
			Installation Drawings	1.4.3	G												

TITLE	AND	LOCATION				CONTRAC	ΓOR				<u> </u>						
2014	108	MA SPECIFICA	ATIONS - KOREA														
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Υ	L	S E	DESCRIPTION	R A	T E I V		APPROVAL	MATERIAL	C	DATE	DATE RCD	DATE FWD	DATE RCD	C	DATE	DATE RCD	I
N	N	C T	ITEM SUBMITTED	Р	O W	SUBMIT	NEEDED BY	NEEDED BY	DE	OF ACTION	FROM CONTR	DATE FWD TO OTHER REVIEWER	FROM OTH	DE	OF ACTION	FRM APPR AUTH	REMARKS
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		21 21 03.00 10	SD-10 Operation and Maintenance														
			Data														
_			Operation and Maintenance	3.4													<u> </u>
			Instructions														<u> </u>
		21 30 00	SD-02 Shop Drawings														
_			Installation Drawings	1.2	G												
_			As-Built Drawings	3.9.5	G				_					_			
_			Piping Layout and Sensing Piping	1.2	G				_					_			
			Arrangement														
\rightarrow			Pump Room	1.2	G				-					-			
\rightarrow			SD-03 Product Data	0.0													
\rightarrow			Fire Pump Installation Related	3.2	G												
\rightarrow			Submittals	0.4													
\dashv			Catalog Data Spare Parts	2.1 1.7	G G	-	 		\vdash					\vdash	 		
\dashv			Preliminary Tests	3.9.2	G												
\rightarrow			Field Tests	3.9	G												
$\overline{}$			Fire Protection Specialist	1.4.1	G												
\neg			Manufacturer's Representative	1.4.5	G												
			Field Training	3.11	G												
\neg			Army Final Acceptance Test	3.9.3	G				T								
\neg			SD-06 Test Reports		ľ												
\neg			Preliminary Tests	3.9.2	G												
			Army Final Acceptance Test	3.9.3	G												
			SD-07 Certificates														
			Fire Protection Specialist	1.4.1	G												
			· ·														

TITLE	AND	LOCATION				CONTRAC	TOR										
			ATIONS - KOREA														
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A C T I V I T Y	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		21 30 00	Certification of Installation	3.9.3.9	G												
			Qualifications of Welders	1.4.2	G												
			Qualifications of Installer	1.4.3	G												
			Preliminary Test Certification	1.4.4	G												
			SD-10 Operation and Maintenance														
			Data														
			Operating and Maintenance	3.11	G												
			Instructions														
			Flow Meter	2.17	G												
		22 00 00	SD-02 Shop Drawings														
			Plumbing System	3.9.1	G												
			SD-03 Product Data														
			Fixtures	2.4													
			Flush valve water closets	2.4.3													
			Flush valve urinals	2.4.4					<u> </u>								
			Flush tank water closets	2.4.7					<u> </u>								
			Wall hung lavatories	2.4.9					$oxed{oxed}$								
			Countertop lavatories	2.4.10					$oxed{oxed}$								
			Kitchen sinks	2.4.11					$oxed{oxed}$								
			Service sinks	2.4.12													
			Drinking-water coolers	2.4.13	G												
			Bathtubs, Porcelain	2.4.18													
			Bathtubs, Cast Iron	2.4.17													
			Water heaters	2.10	G				$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
			Pumps	2.12	G												
			Backflow prevention assemblies	3.9.1.1	G												
		· · · · · · · · · · · · · · · · · · ·															

TITLE	AND	LOCATION				CONTRAC	TOR										
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A C T I V I T Y N O	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	O V T O R A / E R E V W R	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(p)	(r)
		22 00 00	Shower Faucets	2.6.2	G												
				2.6.9	G	<u> </u>											
			Fittings														
				2.16	G												
			release system														
			Welding	1.5.1													
			Vibration-Absorbing Features	3.4	G	<u> </u>											
			Plumbing System	3.9.1													
			SD-06 Test Reports														
			Tests, Flushing and Disinfection	3.9													
			Test of Backflow Prevention	3.9.1.1													
			Assemblies														
			SD-07 Certificates														
			Materials and Equipment	1.3													
			Bolts	2.1.1													
			SD-10 Operation and Maintenance														
			Data														
			Plumbing System	3.9.1	G												
		22 31 00	SD-02 Shop Drawings														
			Installation	3.2													
			SD-03 Product Data														
			Softening Equipment	2.2													
			Spare Parts	1.4													
			Field Instructions	3.3.2													
			SD-06 Test Reports														
\Box			Softening Equipment	2.2													
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		LOCATION	ATIONS - KOREA			CONTRAC	TOR										
			None None		G	C	CONTRACTO	R: TES	CON	NTRACTOR ACTION		APF	PROVING AL	JTHOF	RITY		
A C T I V I T Y N	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		22 31 00	Piping	3.4.2													
			SD-10 Operation and Maintenance														
			Data														
			Operating and Maintenance	3.3.2													
			Instructions														
		23 00 00	SD-02 Shop Drawings														
			Detail Drawings	1.4.5	G												
			SD-03 Product Data														
			Metallic Flexible Duct	2.9.1.1													
			Insulated Nonmetallic Flexible	2.9.1.2													
			Duct Runouts														
			Duct Connectors	2.9.1.2													
			Duct Access Doors	2.9.2	G												
			Fire Dampers	2.9.3													
_			Manual Balancing Dampers	2.9.4	G												
			Sound Attenuation Equipment	2.9.8													
			Acoustical Duct Liner	2.9.8													
			Diffusers	2.9.9.1													
			Perforated Plate Diffusers	2.9.9.2													
			Linear Diffusers	2.9.9.3					$ldsymbol{ldsymbol{ldsymbol{eta}}}$								
\bot			Security Ceiling Diffusers	2.9.9.4													
\bot			Registers and Grilles	2.9.9.5					$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
			Louvers	2.9.10													
			Air Vents, Penthouses, and	2.9.11													
			Goosenecks														
			Centrifugal Fans	2.10.1.1	G												

2014 O&MA T R A N C S T M I I V T I T A Y L N O O	орес оест	DESCRIPTION ITEM SUBMITTED	P A R A G R A P	GOVT OR A/E RE	SC SC	CONTRACTOI HEDULE DAT	R: TES	A	ITRACTOR ACTION		APP	ROVING AU	THOR	RITY		
A N C S T M I V T T T A Y L N N	C S E C T		A R A G# R A P	O V T O R A / E R F I C A R	SC	CONTRACTOI HEDULE DAT	R: FES	A			APP	ROVING AU	THOR	RITY		
A N C S T M I V T T T A Y L N N	C S E C T		A R A G# R A P	O V T O R A / E R F I C A R	SC	HEDULE DAT	TES	A	ACTION							
A N C S T M I V T T T A Y L N N	C S E C T		A R A G# R A P	V T O R A / E F I C A R												
			Н	T E I V O W N R	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	CH-OX CODE	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	FROM OTH	ACT-OZ CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) (b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
23 (00 00	In-Line Centrifugal Fans	2.10.1.2													
		Axial Flow Fans	2.10.1.3													
		Panel Type Power Wall	2.10.1.4	G												
		Ventilators														
\longrightarrow		Centrifugal Type Power Wall	2.10.1.5	G												
		Ventilators														
		Centrifugal Type Power Roof	2.10.1.6	G												
		Ventilators														
		Propeller Type Power Roof	2.10.1.7	G												
		Ventilators														
		Air-Curtain Fans	2.10.1.8													
\perp		Ceiling Exhaust Fans	2.10.1.9													
\perp		Air Handling Units	2.11	G												
		Room Fan-Coil Units		G												
		Coil Induction Units	2.12.2	G												
\longrightarrow		Constant Volume, Single Duct	2.12.3.1	G									Щ			
\perp		Terminal Units														
		Variable Volume, Single Duct	2.12.3.2	G												
		Terminal Units														
		Variable Volume, Single Duct,	2.12.3.3	G												
\bot		Fan-Powered Terminal Units			<u> </u>			$ldsymbol{ldsymbol{ldsymbol{eta}}}$					Щ			
$\bot\bot\bot$		Dual Duct Terminal Units	2.12.3.4										Ш			
		Ceiling Induction Terminal Units	2.12.3.5													
		Reheat Units	2.12.3.7													
		Unit Ventilators	2.12.4	G												
		Energy Recovery Devices	2.13	G												

TITLE A	ND I	LOCATION				CONTRAC	TOR										
2014	08	MA SPECIFICA	ATIONS - KOREA			<u> </u>											
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					G	SC	HEDULE DA	res	,	ACTION							
A C T I V I	T R A N S M - T T A L	орес оп	DESCRIPTION	P A R A G # R A	OVT OR A/E REV		APPROVAL	MATERIAI	A C T I O N C O	DATE	DATE FWD TO APPR AUTH/	DATE EWD	DATE RCD	A C T I O N C O	DATE	MAILED TO CONTR/ DATE RCD	
	N O	C T	ITEM SUBMITTED	P H	O W N R	SUBMIT	NEEDED BY	NEEDED BY	DE	OF ACTION	FROM CONTR	DATE FWD TO OTHER REVIEWER	FROM OTH REVIEWER	D E	OF ACTION	FRM APPR AUTH	REMARKS
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-+		23 00 00	Test Procedures	1.4.6													
-+			Diagrams	1.2.1.2					┢					┢			
-+			SD-06 Test Reports	0.40					┢					┢			
-+			Performance Tests	3.12					┢					┢			
			Damper Acceptance Test	3.10					-					-			
			SD-07 Certificates	4 4 4					-					-			
-+			Bolts	1.4.1					-					-			
_			Certification	1.4.7					-					-			
_			SD-08 Manufacturer's Instructions						-					-			
-+			Manufacturer's Installation	3.2					-					<u> </u>			
			Instructions						-					_			
_			Operation and Maintenance	3.14.2					-					_			
_			Training						-					_			
			SD-10 Operation and Maintenance						-					_			
-			Data						-					-			
-			Operation and Maintenance	3.14.1	G				-					-			
-			Manuals						-					-			
-+		23 03 00.00 20	SD-03 Product Data						<u> </u>					<u> </u>			
-			Certification	1.4.5.3					-					-			
-		23 05 93	SD-01 Preconstruction Submittals						-					-			
			Records of Existing Conditions	1.3	G												
			Records of Existing Conditions	1.3.3	G												
\perp	_		TAB Firm	1.5.3.1	G				<u> </u>					<u> </u>			
			TAB team assistants	1.2	G				_					<u> </u>			
			TAB team engineer	1.2	G				_					<u> </u>			
			TAB Specialist	1.5.3.2	G												

2014 O&M T R A A N C S T M I I V T T	MA SPECIFICA	ATIONS - KOREA						_								
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2:	23 05 93	TAB team field leader	1.2	G												
		SD-02 Shop Drawings														
		TAB Schematic Drawings and	1.3.3	G												
\perp		Report Forms														
\perp		SD-03 Product Data														
		Equipment and Performance	1.3	G												
		Data														<u> </u>
\perp		TAB Related HVAC Submittals		G												<u> </u>
\perp		TAB Procedures	1.5.2	G												<u> </u>
		Calibration	1.5.2	G												<u> </u>
\perp		Systems Readiness Check	1.3.3	G												<u> </u>
		TAB Execution	1.5.4	G												<u> </u>
		TAB Verification	1.5.4.3	G												<u> </u>
		SD-06 Test Reports														<u> </u>
\bot		Design review report	1.3.3	G												
-		Design review report	1.7.2.1	G				_								<u> </u>
\bot		Pre-Final DALT report	1.7.2	G												<u> </u>
\perp		Pre-Final DALT report	3.3.5	G												
\perp		Final DALT report	1.7.2	G												<u> </u>
		Final DALT report	3.3.8	G												
$\bot\bot$		TAB report for Season 1		G												
\bot		TAB report for Season 2	1.5.5.2	G												
$\bot\bot$		SD-07 Certificates						$oxed{oxed}$								
\bot		TAB Firm		G												
		Independent TAB Agency and	1.5.1	G												
		Personnel Qualifications														

		LOCATION				CONTRAC	TOR										
2014	1 08	MA SPECIFIC	ATIONS - KOREA			<u> </u>											
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		23 05 93	DALT and TAB Submittal and	1.7.2	G												
\rightarrow			Work Schedule														
\rightarrow			Design review report	1.3.3	G												
\perp			Design review report		G												
			Pre-field DALT preliminary	1.7.2.2	G												
\rightarrow			notification											ļ			
\rightarrow			Pre-field TAB engineering report	1.7.2.3	G									ļ			
\rightarrow			Advanced notice for Season 1	1.7.2	G									-			
\rightarrow			TAB field work											<u> </u>			
\rightarrow			Prerequisite HVAC Work Check	1.7.2	G									-			
\rightarrow		00.07.00	Out List For Season 1											-			
\rightarrow		23 07 00	SD-02 Shop Drawings	3.2.2.4	G									-			
\rightarrow			MICA Plates Pipe Insulation Systems	2.3	G												
\rightarrow			Pipe Insulation Systems Pipe Insulation Systems	3.2	G									1			
\rightarrow			Duct Insulation Systems	3.3	G												
\rightarrow			Equipment Insulation Systems	3.4	G									1			
\neg			SD-03 Product Data	J. T										1			
\neg			Pipe Insulation Systems	2.3	G												
			Pipe Insulation Systems	3.2	G												
\neg			Duct Insulation Systems	3.3	G												
\neg			Equipment Insulation Systems	3.4	G												
			SD-08 Manufacturer's Instructions														
			Pipe Insulation Systems	2.3	G												
\Box			Pipe Insulation Systems	3.2	G												
			Duct Insulation Systems	3.3	G												
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TITLE	AND	LOCATION				CONTRAC	TOR										
			ATIONS - KOREA														
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A C T I V I T Y	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	O V T O R A / E R E V W R	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	FROM	TO OTHER	DATE RCD FROM OTH REVIEWER	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		23 07 00	Equipment Insulation Systems	3.4	G												
		23 08 00.00 10	SD-02 Shop Drawings														
			Commissioning Plan	1.5.2.2	G												
			SD-03 Product Data														
			Pre-Functional Performance Test	3.2.1	G												
			Checklists														
			Functional Performance Tests	3.2.2	G												
			SD-06 Test Reports														
			Commissioning Report	3.3	G												
			SD-07 Certificates														
			Commissioning Firm	1.5.1	G												
			Commissioning Specialist	1.5.2	G												
		23 09 23.13 20	SD-02 Shop Drawings														
			Control system drawings title	1.4.1.1	G												
			sheet														
			List of I/O Points	1.4.1.2	G												
			Control System Components List	1.4.1.3	G												
			Control system schematics	1.4.1.4	G												
			HVAC Equipment Electrical	1.4.1.5	G												
			Ladder diagrams														
			Component wiring diagrams	1.4.1.6	G												
			Terminal strip diagrams		G												
			BACnet communication	1.4.1.8	G												
			architecture schematic														
			SD-03 Product Data														
			Direct Digital Controllers	2.1.1	G												
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TITLE	AND	LOCATION				CONTRAC	TOR										
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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		23 09 23.13 20		2.1.1.13													
			BACnet Protocol Analyzer		G												
			DDC Software		G												
			BACnet Operator Workstation		G				_								
			BACnet Operator Workstation	2.1.3.3	G												
			DDC Software	0.4.4										Н			
			Notebook Computer		G						-			H			
			Sensors and Input Hardware	2.2 2.3	G G												
			Output Hardware		G									Н			
-			Surge and transient protection Indicators		G												
-			Air compressors		G												
			Refrigerated air dryers		G												
			Pneumatic tubing		G												
			Duct smoke detectors		G												
			Variable frequency (motor) drives		G												
			SD-05 Design Data														
			Performance Verification Testing	3.4.2	G												
			Plan														
			Pre-Performance Verification	3.4.4	G												
			Testing Checklist														
			SD-06 Test Reports														
			Performance Verification Testing	3.4.11	G												
			Report											Ш			
			SD-07 Certificates														
			Contractor's Qualifications	1.6.6	G												

2014 O					CONTRAC	ΓOR										
	&MA SPECIFICA	ATIONS - KOREA														
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T R A N S M I T T A L NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G # A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	ACTION CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) (b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
	23 09 23.13 20	SD-09 Manufacturer's Field														
\perp		Reports														
			3.4.1	G												
		SD-10 Operation and Maintenance														
		Data														
\rightarrow		BACnet Direct Digital Control	1.4	G												
\rightarrow		Systems											_			
\rightarrow			3.3	G												
\rightarrow		Manuals											_			
\rightarrow			2.8.2	G									_			
\rightarrow		SD-11 Closeout Submittals														
\rightarrow		Training documentation	3.5.1	G												
\rightarrow	23 09 23	SD-02 Shop Drawings														
\rightarrow		DDC Contractor Design Drawings		G												
\rightarrow		Draft As-Built Drawings	3.3.2	G												
		Final As-Built Drawings	3.3.3	G												
		SD-03 Product Data														
		9	2.1.1	G												
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		Programming Software	2.14.5	G												
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\bot		AGC Application Programs		G									<u> </u>			
\bot			2.14.1	G												
\bot		Draft LNS Database	3.6.2	G												
\bot		Final LNS Database	1.3.1	G												
		Final LNS Database	3.7.4	G												

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Existing Conditions Report 3.1 G				2.14.6	G												
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Report																	
PVT Procedures 3.7.1 G				3.6.1	G												
PVT Report 3.7.3 G																	
Pre-Construction QC Checklist 1.6 G																	
Post-Construction QC Checklist 1.6 G			•	3.7.3													
SD-10 Operation and Maintenance Data Data Data Department of the process of the proces				1.6													
Data Operation and Maintenance 1.8 G					G												
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Training Documentation 3.9.1 G				1.8	G												
SD-11 Closeout Submittals			· · · · · · · · · · · · · · · · · · ·														
Closeout QC Checklist 1.6 G		1		3.9.1	G				<u> </u>					<u> </u>			
23 09 53.00 20 SD-02 Shop Drawings									_								
Control system diagrams	_			1.6	G												
Ladder diagram 1.6.2 G	_	23 09 53.00 20															
Operating parameters 1.6.3 G																	
Automatic control valve 1.6.4 G schedules Image: schedules of the control valve of the c			-														
schedules Damper schedules 1.6.5 G	_																
Damper schedules 1.6.5 G	_		Automatic control valve	1.6.4	G												
			•	1.6.5													
			Sequence of operation	1.6.8	G												
Arrangement drawing 1.6.9 G			Arrangement drawing	1.6.9	G												

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		23 09 53.00 20	Wiring diagram	1.6.6	G												
			Compressed air station	1.6.7	G												
			schematic														
			Control panel schematics	1.6.7	G												
			SD-03 Product Data														
			Actuators	2.2	G												
$ \bot $			Valves	2.3	G												
			Dampers	2.4	G												
			Fire protection devices	2.5	G												
			Sensors	2.6	G												
			Thermostats	2.8	G												
			Sunshields	2.9	G												
\Box			Pressure switches	2.10.1	G												
			Indicating devices	2.11	G												
			Controllers	2.13	G												
			Pressure gages	2.12	G												
			Control panels	2.15	G												
			Air Compressor	2.16.1	G												
			Refrigerated air dryer	2.16.2	G												
			Air filtration system	2.16.2	G												
			Compressed air station	2.16.2	G												
\Box			specialties														
			VAV Terminal unit controls	2.17	G												
\Box			SD-06 Test Reports														
\Box			Commissioning procedures	1.8.6	G												
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		23 09 53.00 20	Calibration adjustment and	1.8.7	G												
			commissioning reports														
			Site testing procedures	1.8.5	G												
			Performance verification test	3.3.5	G												
			SD-07 Certificates														
			Certification of completion	3.3.4													
			SD-08 Manufacturer's Instructions														
			Training course documentation	3.4.1													
			SD-10 Operation and Maintenance														
			Data														
			Space temperature control	1.8.8	G												
			system														
			SD-11 Closeout Submittals														
			Qualified service organization list	3.5													
		23 11 25	SD-02 Shop Drawings														
			Gas Piping System	1.4.3	G				_					_			
			Gas Piping System	2.2	G												
			Gas Piping System	3.3	G												
			SD-03 Product Data														
			Pipe and Fittings	1.5	G												
			Gas equipment connectors	1.4.3	G				$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
			Gas Piping System	1.4.3	G												
			Gas Piping System	2.2	G												
			Gas Piping System	3.3	G												
			Pipe Coating Materials	2.1	G												
			Pressure regulators	2.6	G												
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		23 11 25	Risers	2.4	G												
			Transition fittings	2.2.12	G												
			Valves	2.3	G												
			Valve box	2.6	G												
			Warning and identification tape	2.2.8	G				_					_			
			SD-06 Test Reports						_					_			
			Testing	3.16													
			Pressure Tests	3.16.1													
			Pressure Tests for Liquefied	3.16.1													
\rightarrow			Petroleum Gas						-					-			
\rightarrow			Test With Gas	3.16.2					-					-			
\rightarrow			SD-07 Certificates						-					-			
\rightarrow			Welders procedures and	1.4.1													
\rightarrow			qualifications	4.4.4													
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\dashv			SD-08 Manufacturer's Instructions	1.4.2	<u></u>				\vdash	-	-			 		\vdash	
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+			Data														
\dashv			Gas facility system and	1.2.1	G		1		\vdash					\vdash	 		
\dashv			equipment operation	1.4.1	19				\vdash					\vdash			
\dashv			Gas facility system maintenance	1.2.2	G		1		\vdash					\vdash			
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SD-03 Product Data Refrigerant Piping System 2.3 Spare Parts 1.5.2 Spare Parts 1.5.2 Spare Parts 1.5.2 Spare Parts 1.3.1 G Spare Parts Spare P		23 23 00	SD-02 Shop Drawings														
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Spare Parts			SD-03 Product Data														
Qualifications			Refrigerant Piping System	2.3													
Refrigerant Piping Tests 3.5 G			Spare Parts	1.5.2													
Demonstrations 3.4 G			Qualifications	1.3.1													
Demonstrations 3.6 G			Refrigerant Piping Tests	3.5	G												
Verification of Dimensions 3.1			Demonstrations	3.4	G												
SD-06 Test Reports			Demonstrations	3.6	G												
Refrigerant Piping Tests 3.5			Verification of Dimensions	3.1													
SD-07 Certificates			SD-06 Test Reports														
Service Organization 2.1 G			Refrigerant Piping Tests	3.5													
SD-10 Operation and Maintenance Data SD-10 Agriculture Data SD-10 Agriculture SD-10 Agricultur			SD-07 Certificates														
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Maintenance 1.5																	
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		23 52 00	Heating System Tests	3.10													
			Fuel System Tests	3.13													
			Unit Heaters	2.9													
			Welding	1.3													
			Qualifications	3.10													
			Field Instructions	3.12													
			Tests	3.4													
			SD-06 Test Reports														
			Heating System Tests	3.10													
			Fuel System Tests	3.13													
			Water Treatment Testing	3.10.1													
			SD-07 Certificates														
			Bolts	2.12.12.3													
			Continuous Emissions Monitoring	2.12.2													
			Energy Star	2.1.3													
			SD-10 Operation and Maintenance														
			Data														
			Operation and Maintenance	3.12													
			Instructions														
			Water Treatment System	2.17													
		23 57 10.00 10	SD-02 Shop Drawings														
			Heating System	2.17													
			SD-03 Product Data														
			Spare Parts	1.5													
			Welding	3.4													
			Framed Instructions	3.19													

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	23 57 10.00 10	SD-06 Test Reports														
		Testing and Cleaning	3.18													
		Water Treatment Testing	3.18.4													
		SD-07 Certificates														
		Bolts	2.2.9.3													
		SD-10 Operation and Maintenance														
		Data														
		Operation and Maintenance	3.20													
		Manuals														
	23 63 00.00 10	SD-02 Shop Drawings														
		Drawings	1.3.2	G												
		SD-03 Product Data														
		Refrigeration System	2.10	G												
		Spare Parts	1.5.3													
\perp		Framed Instructions	3.2.23													
		Qualifications	1.3.1	G												
		Verification of Dimensions	3.1													
		Coil Corrosion Protection	2.22.1													
		Tests	3.3													
		Demonstrations	3.4	G												
		SD-06 Test Reports														
		Tests	3.3	G												
		SD-07 Certificates														
\perp		Refrigeration System	2.10													
\perp		Service Organizations	1.3.3													
	23 64 00	SD-02 Shop Drawings														

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	23 64 00	Drawings	1.5.2	G												
		SD-03 Product Data														
		Absorption Water Chiller	3.4.1	G												
		Absorption Water Chiller	3.4.1	G												
		Absorption Water Chiller	3.4.2	G												
		Absorption Water Chiller	3.4.2	G												
		Posted Instructions	3.6	G												
		Verification of Dimensions	1.5.1	G												
		System Performance Tests	3.5	G												
		Demonstrations	3.6													
		SD-06 Test Reports														
		Field Acceptance Testing	3.4													
		Absorption water chiller	3.4.1													
		Absorption water chiller	3.4.2													
		System Performance Tests	3.5													
		SD-07 Certificates														
		Absorption Water Chiller	3.4.1	G												
		Absorption Water Chiller	3.4.2	G												
		SD-08 Manufacturer's Instructions														
		Water chiller	3.1													
		SD-10 Operation and Maintenance														
		Data														
		Operation and Maintenance	3.6													
		Manuals														
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		Water Chiller	2.5	G												

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		23 64 10	Water Chiller	2.5	G												
			Water Chiller	3.1	G												
			Water Chiller	3.1	G												
			Water Chiller	3.4.1	G												
			Water Chiller	3.4.1	G												
			Water Chiller	3.4.2	G												
			Water Chiller	3.4.2	G												
			Posted Instructions	3.6													
			Verification of Dimensions	1.5.1													
			Manufacturer's Multi-Year	1.7													
			Compressor Warranty														
			Factory Tests	2.9													
			System Performance Tests	3.5													
			Demonstrations	3.6													
			SD-06 Test Reports														
_			Field Acceptance Testing	3.4						ļ							
			Water Chiller	2.5													
			Water Chiller	3.1													
			Water Chiller	3.4.1													
			Water Chiller	3.4.2													
_			Factory Tests	2.9													
_			System Performance Tests	3.5													
_			SD-07 Certificates							ļ							
			Refrigeration System	3.1.2	G				<u> </u>								
_			SD-08 Manufacturer's Instructions														
			Water Chiller	2.5	G												<u> </u>

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		23 64 10	Water Chiller	3.1	G									<u> </u>			
			Water Chiller	3.4.1	G												
			Water Chiller	3.4.2	G												
			SD-10 Operation and Maintenance														
			Data														
			Operation and Maintenance	3.6	G												
			Manuals														
		23 64 26	SD-03 Product Data														
			Grooved Mechanical	2.2.2.4	G												
			Connections For Steel														
			Grooved Mechanical	2.5.3	G												
			Connections For Copper														
			Calibrated Balancing Valves	2.6.8	G												
			Automatic Flow Control Valves	2.6.9	G												
			Pump Discharge Valve	2.6.10													
			Water Temperature Mixing Valve	2.6.11	G												
			Water Temperature Regulating	2.6.12	G												
			Valves														
			Water Pressure Reducing Valve	2.6.13													
			Pressure Relief Valve	2.6.14													
			Combination Pressure and	2.6.15													
			Temperature Relief Valves														
			Expansion Joints	2.7.9	G												
			Pumps	2.8	G												
\neg			Combination Strainer and Pump	2.7.3													
\neg			Suction Diffuser														

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		23 64 26	Expansion Tanks	2.9													
			Air Separator Tanks	2.10													
			Water Treatment Systems	2.11	G												
			SD-06 Test Reports														
			Piping welds NDE report	3.1.1.3													
			Pressure tests reports	3.4.2	G												
			Condenser Water Quality Test	3.4.3	G												
			Reports														
\perp			Condenser Water Quality Test	3.4.3	G												
\perp			Reports														
			One-Year Inspection Report For	3.6	G												
			Cooling Water														
			SD-07 Certificates														
			Employer's Record Documents	3.1.1.1													
			(For Welding)														
\bot			Welding Procedures and	3.1.1.2													
			Qualifications														
\bot			Piping for Steam and	2.3													
\perp			Condensate														
\perp			Piping for High-Pressure	2.4					$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
\perp			Compressed-Air Systems						$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
\perp			Fittings	2.3													
\perp			Fittings	2.4													
\perp			Unions	2.3													
\perp			Unions	2.4					$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$								
			Flanges	2.3													

2014 O8	MA SPECIFICA	ATIONS - KOREA														
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TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	O > T O R A / E RE> W R	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACT-OZ CODE	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	ACT-OZ CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) (b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
	23 64 26	Flanges	2.4													
		Gaskets	2.3													
		Gaskets	2.4													
		Bolting	2.3													
		Bolting	2.4													
		SD-08 Manufacturer's Instructions														
		Lesson plan for the Instruction	3.5	G												
		Course														
		SD-10 Operation and Maintenance														
		Data														
		Water Treatment Systems	2.11	G												
		Calibrated Balancing Valves	2.6.8	G												
		Automatic Flow Control Valves	2.6.9	G												
		Pump Discharge Valve	2.6.10	G												
		Water Temperature Mixing Valve		G												
		Water Temperature Regulating	2.6.12	G												
		Valves														
		· ·	2.6.13	G												
		Pressure Relief Valve	2.6.14	G												
		Combination Pressure and	2.6.15	G												
		Temperature Relief Valves														
		Expansion Joints	2.7.9	G												
		Pumps	2.8	G												
		Combination Strainer and Pump	2.7.3	G												
		Suction Diffuser														
		Expansion Tanks	2.9	G												

TITLE	AND	LOCATION				CONTRAC	TOR				I						
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A C T I V I T Y N O	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G # R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	A C T I O N C O D E	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
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		23 64 26	Air Separator Tanks	2.10	G												
		23 65 00	SD-03 Product Data														
			Cooling Towers	2.5	G												
			Posted Instructions	3.1	G												
			Demonstrations	3.1	G												
			Verification of Dimensions	1.5.1	G												
			SD-06 Test Reports														
			Packaged cooling tower -	3.2	G												
			installation instructions														
			Field-erected cooling tower -	3.2	G												
			installation instructions														
			Packaged cooling tower - field	3.3.1	G												
			acceptance test plan														
			Field-erected cooling tower - field	3.3.1	G												
			acceptance test plan														
			Packaged cooling tower - field	3.4	G												
			acceptance test report														
			Field-erected cooling tower - field	3.4	G												
			acceptance test report														
			SD-07 Certificates														
			Service Organization	2.1													
			Cooling Tower	2.5.1.12													
			SD-08 Manufacturer's Instructions														
			Packaged cooling tower -	3.2													
			installation instructions														
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		23 65 00	Field-erected cooling tower -	3.2													
			installation instructions														
			SD-10 Operation and Maintenance														
			Data														
			Operation and Maintenance	3.1													
			Manuals														
		23 82 01.00 10	SD-02 Shop Drawings														
			Installation	3.2	G												
			SD-03 Product Data														
			Spare Parts	1.6													
			Furnace	2.2													
			Tests	3.6													
			System Diagrams	3.6	G												
			Qualifications	1.4													
			Field Training	3.5													
			SD-06 Test Reports														
			Tests	3.6													
			SD-10 Operation and Maintenance														
			Data														
			Operating and Maintenance	3.5													
			Manuals														
		23 82 02.00 10	SD-02 Shop Drawings														
			Drawings	1.4													
			SD-03 Product Data														
			Materials and Equipment	2.1													
			Spare Parts	1.6													

TITLE A	ND	LOCATION				CONTRAC	ΓOR										
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(a) ((b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	(q)	(r)
		23 82 02.00 10		3.4													
			Verification of Dimensions	3.1													
			Coil Corrosion Protection	2.10.1.1													
			System Performance Tests	3.6													
			Demonstrations	3.4													
			SD-06 Test Reports						<u> </u>								
				3.5					_					_			
			Start-Up											_			
			System Performance Tests	3.6													
			SD-07 Certificates						_					_			
			Materials and Equipment	2.1										_			
_			Service Organization	2.1.1					_					_			
			SD-10 Operation and Maintenance						_								
			Data						_								
+			Operation and Maintenance	3.4					<u> </u>					<u> </u>		 	
+			Manuals						<u> </u>					<u> </u>		 	
\perp		25 08 10	SD-01 Preconstruction Submittals				1		_						ļ		
\perp			Factory Test	3.4	G		1		_						ļ		
			SD-06 Test Reports						_								
			UMCS and Building Level DDC	3.1					_								
			Testing Sequence						_								
			Performance Verification Test	3.6	G				_								
			Endurance Testing	3.7					_					<u> </u>			
\perp		25 10 10	SD-02 Shop Drawings						_					<u> </u>			
\perp			UMCS Contractor Design	3.3.2	G												
			Drawings														

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A C T I I V I T Y N	TRANSMITTAL NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT		MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	D	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
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		25 10 10	Draft As-Built Drawings	3.3.3	G												
			Final As-Built Drawings	3.3.3	G												
			SD-03 Product Data														
			Product Data Sheets	2.1.4	G												
			Computer Software	2.4	G												
			SD-05 Design Data														
			Network Bandwidth Usage	3.3.1	G												
			Calculations														
			SD-06 Test Reports											<u> </u>			
_			Existing Conditions Report	3.2										<u> </u>			
\perp			Factory Test Procedures	3.1													
\perp			Factory Test Report	3.1													
			Start-Up and Start-Up Testing	3.7													
\perp			Report						<u> </u>					<u> </u>			
\perp			PVT Phase I Procedures	3.8.1					<u> </u>					<u> </u>		ļ	
\perp			PVT Phase I Report	3.8.2					<u> </u>					<u> </u>		ļ	
\perp			PVT Phase II Report	3.8.3										L			
\perp			Pre-Construction QC Checklist	1.6										L			
			Post-Construction QC Checklist	1.6													
			SD-10 Operation and Maintenance														
\perp			Data						<u> </u>					<u> </u>			
\perp			Preventive Maintenance Work	3.9.8.1	G				<u> </u>					<u> </u>			
\perp			Plan						<u> </u>					<u> </u>			
\perp			Basic Operator Training	3.10.1	G												
\perp			Documentation														
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TITLE	AND	LOCATION				CONTRAC	TOR				ı						
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Υ	L	S E	DESCRIPTION	R A	T E I V		APPROVAL	MATERIAL	CO	DATE	DATE RCD	DATE FWD	DATE RCD	CO	DATE	DATE RCD	
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		25 10 10	Advanced Operator Training	3.10.1	G												
\perp			Documentation														
\rightarrow			Operator Refresher Training	3.10.1	G												
\rightarrow			Documentation														
\rightarrow			Operation and Maintenance	1.7	G												
\rightarrow			(O&M) Instructions														
\rightarrow			SD-11 Closeout Submittals						_					_			
\rightarrow			Closeout QC Checklist	1.6	G				_					_			
\rightarrow		26 05 48.00 10	SD-02 Shop Drawings						_					_			
\rightarrow			Lighting Fixtures in Buildings	3.2													
-			Equipment Requirements	1.3													
\rightarrow			SD-03 Product Data						-					-			
\rightarrow			Lighting Fixtures in Buildings	3.2	G				-					-			
\rightarrow			Equipment Requirements	1.3	G												
-+		00 00 00	Contractor Designed Bracing	1.2.4	G												
\rightarrow		26 08 00	SD-06 Test Reports	0.4													
\rightarrow			Acceptance tests and inspections	3.1													
\rightarrow			SD-07 Certificates Qualifications	1.4.1	G												
\rightarrow			Acceptance test and inspections	1.4.1	G												
\dashv			procedure	1.4.3	9		1		\vdash					\vdash			
\dashv		26 20 00	SD-02 Shop Drawings														
\dashv		20 20 00	Motor control centers	2.23													
\dashv			SD-03 Product Data	2.20													
\dashv			Transformers	2.19	G												
\dashv			Motor controllers	2.19	G				\vdash					\vdash			
			Motor controllers	<i>L</i> . <i>L</i> .													

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A C T I V I T Y	TRANSMITTAL NO	S P E C S E C T	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	CLASSIFICATION	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	A C T I O N C O D E	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)
		26 20 00	Metering	2.34													
			CATV outlets	2.26.1													
			Surge protective devices	2.36													
			SD-06 Test Reports														
			600-volt wiring test	3.5.2													
			Grounding system test	3.5.5													
			Transformer tests	3.5.3													
			SD-09 Manufacturer's Field														
			Reports														
			Transformer factory tests	2.38.1													
			SD-10 Operation and Maintenance														
			Data														
			Electrical Systems	1.5.1													
			Metering	2.34													
		26 23 00	SD-02 Shop Drawings														
			Switchboard / Switchgear	1.5.2	G												
			Drawings														
			SD-03 Product Data														
			Switchboard / Switchgear	2.2	G												
			SD-06 Test Reports														
			Switchboard / Switchgear design	2.5.2													
			tests														
			Switchboard / Switchgear	2.5.3													
			production tests														
			Acceptance checks and tests	3.5.1	G												
			,														
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	26 23 00	SD-10 Operation and Maintenance														
		Data														
		Switchboard / Switchgear	1.6.1	G												
		Operation and Maintenance														
		SD-11 Closeout Submittals														
		Assembled Operation and	1.6.2													
		Maintenance Manuals														
		Equipment Test Schedule	2.5.1	G												
		Request for Settings	3.5	G												
	26 28 01.00 10	SD-03 Product Data														
		Fault Current Analysis	2.14													
		Protective Device Coordination	2.14													
		Study														
		Equipment	2.1													
		System Coordinator	1.4.1													
		Protective Relays	3.3.5													
		Installation	3.2													
		SD-06 Test Reports														
		Field Testing	3.3													
		SD-07 Certificates														
		Devices and Equipment	1.6													
	26 32 14.00 10	SD-02 Shop Drawings														
		Detailed Drawings	1.4.6	G												
\perp		Acceptance	3.11	G				_								
		SD-03 Product Data														
		Manufacturer's Catalog	2.4													

	LOCATION				CONTRAC	TOR										
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A C C T M I T T T A L NO	SPEC SECT	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	OVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	ACTION CODE	DATE OF ACTION	FROM	DATE FWD TO OTHER REVIEWER	FROM OTH	Ď	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
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	26 32 14.00 10	Instructions	3.10													
		Experience	1.4.3													
		Field Engineer	1.4.4													
		Site Welding	1.4.2													
		General Installation	3.2													
		Site Visit	3.1													
		SD-05 Design Data														
		Sound Limitations	2.8													
		Generator	2.14													
		Integral Main Fuel Storage Tank	2.5.4													
		Power Factor	3.6.2.2													
		Heat Exchanger	2.7.2													
		Time-Delay on Alarms	2.18.5													
		Cooling System	2.7													
		Vibration Isolation	1.2.5													
		SD-06 Test Reports														
		Performance Tests	3.6.6													
		Onsite Inspection and Tests	3.6	G												
		SD-07 Certificates														
		Vibration Isolation	1.2.5													
		Prototype Tests	3.4													
		Reliability and Durability	1.2.6													
		Emissions	2.11													
		Sound limitations	2.8													
		Current Balance	2.14.1													
		Materials and Equipment	2.3													

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2014	J&MA SPECIFICA	ATIONS - KOREA		G	C SC	CONTRACTO	R: TES		NTRACTOR ACTION		APF	PROVING AU	JTHOR	RITY		
A N N C S S T N N T T Y L N N O C S	S S P E C S E C	DESCRIPTION ITEM SUBMITTED	P A R A G R A P H	GOVT OR A/E REVWR	SUBMIT	APPROVAL NEEDED BY	MATERIAL NEEDED BY	A C T I O N C O D E	DATE OF ACTION	DATE FWD TO APPR AUTH/ DATE RCD FROM CONTR	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	ACTION CODE	DATE OF ACTION	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
(a) (t	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)	(p)	(r)
	26 32 14.00 10	Factory Inspection and Tests	2.27													
		Inspections	3.6.4													
			2.7													
		SD-10 Operation and Maintenance														
		Data														
		Operation Manual	1.6.1													
		Maintenance Manual	1.6.2													
		Extra Materials	1.6.3													
	26 36 00.00 10	SD-02 Shop Drawings														
		Detail Drawings	1.3.1													
		Installation	3.1													
		SD-03 Product Data														
		Equipment	2.1													
		SD-06 Test Reports														
		Testing	2.6													
		SD-10 Operation and Maintenance														
		Data														
		Switching Equipment	1.3.2													
		Instructions	3.2													
\bot	26 42 14.00 10	SD-02 Shop Drawings														
\bot		Drawings	1.4.6	G												
		Contractor's Modifications	1.2.1	G												
		SD-03 Product Data														
		Equipment	1.2	G												
		Spare Parts	1.6													
		SD-06 Test Reports														

The contractor's Modification Cathodic Protection System Cathodic Pr	TITLE A	ND LOCATION				CONTRAC	TOR				I						
T	2014	D&MA SPECIFIC	ATIONS - KOREA														
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26 42 14.00 10 Tests and Measurements 3.5	A	S P E C S E C		A R A G# R A P	V T O R A / E R E V W	SUBMIT	NEEDED	NEEDED	CTION COD	OF	TO APPR AUTH/ DATE RCD FROM	DATE FWD TO OTHER REVIEWER	DATE RCD FROM OTH REVIEWER	CT I ON COD	OF	MAILED TO CONTR/ DATE RCD FRM APPR AUTH	REMARKS
Contractor's Modifications 1.2.1	(a) (l				(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(p)	(r)
SD-07 Certificates		26 42 14.00 10															
Cathodic Protection System 1.2 Services of 'Corrosion Expert' 1.4.1 G SD-10 Operation and Maintenance Data Cathodic Protection System 1.2 Training Course 3.6 SD-10 Sb-02 Shop Drawings SD-03 Product Data SD-03 Product Data SD-03 Product Data SD-06 Test Reports 1.6 SD-06 Test Reports SD-06 Test Reports SD-07 Certificates S			Contractor's Modifications	1.2.1													
Services of 'Corrosion Expert' 1.4.1 G SD-10 Operation and Maintenance Data Cathodic Protection System 1.2 Training Course 3.6 SD-02 Shop Drawings 1.2.1 G SD-03 Product Data Spare Parts 1.6 Spare Parts 1.6 SD-06 Test Reports SD-07 Certificates			SD-07 Certificates														
SD-10 Operation and Maintenance Data Data Cathodic Protection System 1.2 Training Course 3.6 SD-02 Shop Drawings Detail																	
Data Cathodic Protection System 1.2				1.4.1	G												
Cathodic Protection System 1.2			,														
Training Course 3.6																	
26 42 17.00 10 SD-02 Shop Drawings																	
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Contractor's Modifications 1.2.2 G SD-03 Product Data Miscellaneous Materials 2.4 Spare Parts 1.6 SD-06 Test Reports Tests and Measurements 3.6 Contractor's Modifications 1.2.2 SD-07 Certificates Tests and Measurements 3.6 Cathodic Protection System 1.2.1 Services of 'Corrosion Expert' 1.4.1 G SD-10 Operation and Maintenance Data		26 42 17.00 10															
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Data Data				1.4.1	G												
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			Cathodic Protection System	1.2.1													
Training Course 3.5			Training Course	3.5													_

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		26 51 00	SD-03 Product Data														
			Fluorescent lighting fixtures	2.1													
			Fluorescent electronic ballasts	1.6.1													
			Fluorescent lamps	2.1.5													
			Exit signs	2.10													
			Emergency lighting equipment	2.11	G												
			Central emergency system	2.13	G												
			Occupancy sensors	2.14													
			Electronic dimming ballast	2.1.2													
			Dimming ballast controls	2.1.3					_								
			Energy Efficiency	1.6.3.3													
			SD-06 Test Reports														
			Operating test	3.3													
		26 56 00	SD-02 Shop Drawings														
			Luminaire drawings	1.4.1.1													
			SD-03 Product Data														
			Luminaires	2.2					-								
			Lamps	2.2.1					-								
			Ballasts	2.2.2					-								
			Lighting contactor	2.3					-								
\rightarrow			Time switch	2.4				<u> </u>	\vdash	-	-						
\rightarrow			Photocell switch	2.5		-		-	\vdash								
\rightarrow			Aluminum poles	2.6.2		-		-	\vdash								
\rightarrow			Steel poles	2.6.3				<u> </u>	\vdash	-	-						
\rightarrow			Brackets	2.7				<u> </u>	\vdash	-	-						
			Auxiliary instant-on quartz system	1 2.9							<u> </u>						

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		26 56 00	SD-05 Design Data														
			Design Data for luminaires	1.4.3													
			Pressure treated wood pole	1.4.2													
			quality														
			Operating test	3.2													
		27 10 00	SD-02 Shop Drawings														
			Telecommunications drawings	1.6.1.1	G												
			Telecommunications Space	1.6.1.2	G												
			Drawings														
			SD-03 Product Data														
			Telecommunications cabling	2.3	G												
			Patch panels	2.4.5	G												
			Telecommunications	2.5	G												
			outlet/connector assemblies														
			Equipment support frame	2.4.2	G												
			Connector blocks	2.4.3	G												
			Spare Parts	1.10.3													
			SD-06 Test Reports														
			Telecommunications cabling	3.5.1	G												
			testing														
			SD-07 Certificates														
			Telecommunications Contractor	1.6.2.1	G												
			Key Personnel	1.6.2.2	G												
			Manufacturer Qualifications	1.6.2.3	G												
			Test plan	1.6.3	G												

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		27 10 00	SD-09 Manufacturer's Field														
			Reports														
			Factory reel tests		G												
			SD-10 Operation and Maintenance														
			Data														
			Telecommunications cabling and	1.10.1	G									<u> </u>			
			pathway system						_					_			
			SD-11 Closeout Submittals						_					_			
			Record Documentation	1.10.2	G				_					_			
		27 54 00.00 20	SD-02 Shop Drawings														
			wiring diagrams and installation	1.6.1													
			details														
			SD-03 Product Data														
\Box			Amplifiers	2.2.1													
\Box			Cables	2.2.2					<u> </u>					<u> </u>			
\Box			Terminators	2.2.3					<u> </u>					<u> </u>			
\Box			Splitters	2.2.4					<u> </u>					<u> </u>			
\Box			Outlets	2.2.5					<u> </u>					<u> </u>			
			Connectors	2.2.6													
\Box			Grounding block	2.3.1					$ldsymbol{ldsymbol{ldsymbol{eta}}}$								
\Box			SD-05 Design Data						$oxed{oxed}$								
			CATV System Loss Calculations	1.6.2					$oxed{oxed}$								
\Box			SD-06 Test Reports														
\Box			Acceptance tests	3.2.2													
		28 31 33.00 10	SD-02 Shop Drawings														
			Fire Alarm Reporting System	1.2	G												

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			SD-03 Product Data														
			Battery	2.3.2.1													
			Spare Parts	1.6													
			Qualifications	1.4													
			Training	3.5													
			Test Procedures	3.6													
			SD-06 Test Reports														
			Testing	3.6													
			SD-07 Certificates														
			Equipment	1.6													
			SD-10 Operation and Maintenance														
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			Detail Drawings	1.4.2													
			SD-03 Product Data														
			Special Tools and Spare Parts	1.7													
			Battery Calculations	2.4													
			SD-06 Test Reports														
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		28 31 64.00 10	•	1.5													
			Software														
			Operating and Maintenance	3.6													
			Instructions														
		28 31 76	SD-02 Shop Drawings														
			Wiring Diagrams	3.2.1													
			System Layout	1.4.1													
			System Operation	2.3													
			SD-03 Product Data														
			Fire Alarm Control Unit and Mass	2.14	G												
			Notification Control Unit (FMCP)														
			Manual stations	2.18													
			Transmitters	2.22	G												
			Batteries	2.13.1	G												
			Battery chargers	2.13.2	G												
			Smoke sensors	2.10													
			Heat detectors	2.11													
			Notification appliances	2.19													
			Addressable interface devices	2.7													
			Amplifiers	2.16													
			Remote Fire Alarm/Mass	2.15	G												
			Notification Control Units														
			Radio transmitter and interface	2.22.1													
			panels														
			Local Operating Console (LOC)	2.14.5.2													
			SD-05 Design Data														
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		28 31 76	Battery Power Calculations	2.13.1.2													
_			SD-06 Test Reports														
\rightarrow			Field Quality Control	3.7													
			Testing Procedures	3.7.1													
			Final Testing	3.7.2.3													
_			SD-07 Certificates														
\rightarrow			Qualifications	1.6.1													_
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-			(O&M) Instructions														Į.
\rightarrow			Instruction of Government	3.8					-								
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-			SD-11 Closeout Submittals	0.7.0.4													
\rightarrow			As-Built Drawings	3.7.2.4													
\rightarrow			As-Built Drawings	3.7.2.4 1.4.2													
\dashv			Technical Data And Computer Software	1.4.∠					\vdash								
\rightarrow		31 00 00	SD-01 Preconstruction Submittals														
\dashv		31 00 00	Shoring	3.5	G				\vdash		 						
\dashv			Dewatering Work Plan	1.3.3	G												
\dashv			Blasting	1.3.2	G												
\dashv			SD-03 Product Data		Ť												
\neg			Utilization of Excavated Materials	3.9	G												
\neg			Rock Excavation	1.3.1.2	Ť						1						
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	-	31 00 00	Opening of any Excavation or	3.4													
-	\dashv		Borrow Pit	0.45													
-	\dashv		Shoulder Construction	3.15													
-	\dashv		Structural Backfill	2.7													
	\dashv		SD-06 Test Reports	0.40													
	\dashv		Testing	3.18													
	\dashv		Borrow Site Testing	2.1													
-	\dashv		SD-07 Certificates	0.40													
-	\dashv		Testing	3.18					-								
	4	31 11 00	SD-03 Product Data														
	4		Nonsaleable Materials	3.6.2													
	4		SD-04 Samples	<u> </u>													
	4		Tree wound paint	2.1													
	4		Herbicide	2.2													
	4	31 36 00	SD-04 Samples	1					_								
	4		Gabions	1.5.1					_								
	4		Alternative Wire Fasteners	2.1.3					_								
	4		SD-06 Test Reports	1					_								
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	_		Stone Fill	2.1.5	ļ				<u> </u>								
	_		Filter Material	2.1.6	ļ												
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			SD-06 Test Reports														
			Certified copies of the test reports	1.4.2	G												
		32 05 33	SD-01 Preconstruction Submittals														
			Integrated Pest Management	2.4	G												
			Plan														
			SD-03 Product Data														
			Fertilizer	2.1													
			Mulches Topdressing	2.3													
			Organic Mulch Materials	2.3.2													
			SD-07 Certificates														
			Maintenance inspection report	3.5.1													
			Plant quantities	3.5.2	G												
			SD-11 Closeout Submittals														
			Tree, staking and guying removal	3.5.3													
		32 11 16.16	SD-05 Design Data														
			Gradation curve	2.1													
			SD-06 Test Reports														
			Bearing ratio	2.1													
			Liquid limit	2.1													
			Plasticity index	2.1													
			Dry weight	2.1													
			Percentage of wear	2.1													
			Gradation tests	3.4.2.1													
			Density tests	3.4.2.3													
			Materials	2.1													
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		32 11 16.16	Geotextile	2.2.1													
			SD-07 Certificates														
			Source	2.2													
		32 11 16	SD-03 Product Data														
			Equipment	1.3													
			SD-06 Test Reports														
			Sampling and Testing	1.5													
			Field Density Tests	1.5.2.4													
		32 11 23	SD-03 Product Data														
			Plant, Equipment, and Tools	1.3													
			SD-06 Test Reports						_								
			Sampling and Testing	1.5					_								
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			Gradation	3.8.2.1					-								
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			Bearing ratio	2.1.1					┢								
_			Liquid limit	2.1.1													
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			Dry weight Density	3.8.2.3					\vdash								
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_		32 12 10	SD-06 Test Reports														
			Sampling and Testing	3.7													
		32 12 11	SD-03 Product Data														
_			Cutback Asphalt	2.1.2.1													
			Asphalt Cement	2.1.2.3													
_			SD-06 Test Reports	1					_								
			Aggregate Gradation Tests	1.4.2					_								
			Wear Test	1.4.3													
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-			Contractor Quality Control	3.10	G												
			Material Acceptance Job Mix Formula	2.3.1	G												
			SD-06 Test Reports	2.3.1													
-			Aggregates	2.1	G												
_			QC Monitoring	3.10.3.10													
			SD-07 Certificates	0.10.0.10	1												
			Asphalt Cement Binder	2.2													
			Testing Laboratory	3.6													
\neg		32 12 37	SD-03 Product Data														
			Sealer Mixture	2.5													
			SD-06 Test Reports														
			Sealer Materials	1.4.2	G												
		32 13 13.06	SD-03 Product Data														

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		32 15 00	Sampling and Testing	1.3													
			Density Tests	3.12													
		32 16 13	SD-03 Product Data														
			Concrete	2.1													
			SD-06 Test Reports														
			Field Quality Control	3.8													
		32 17 24.00 10	SD-03 Product Data														
			Equipment	1.2	G												
			PAINT	2.1													
			THERMOPLASTIC	2.2													
			COMPOUNDS														
			Asphalt Concrete Primer	2.2.3													
			REFLECTIVE MEDIA	2.5													
			SD-06 Test Reports														
			Sampling and Testing	2.6													
			SD-07 Certificates														
			Qualifications	1.4.1													
			Volatile Organic Compound	2.2.3													
			(VOC)														
		32 18 16.13	SD-02 Shop Drawings														
			Shop Drawings	1.5.4													
			Finished Grade and Underground	3.1.1													
			Utilities														
			SD-03 Product Data														
			Synthetic Surfacing	2.2													
			Loose Fill Surfacing	2.3													

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		32 18 16.13	Loose Fill Surfacing system	3.3													
			Geotextile Fabric	2.4													
			Manufacturer's Qualification	1.5.1													
			Wood	2.6.2													
			Site Preparation	3.1													
			Temperature Limitation	3.2.1													
			Wood By-Products	2.3.3													
			Wood Treatment	2.6.2.2													
			Adhesive	2.2.9													
			Color	2.2.5													
			SD-06 Test Reports														
			Percolation Test	3.1.4													
			Recycled Plastic	2.5					_								
			Synthetic Surfacing	2.2					_								
			Sand	2.3.1					-								
-			Gravel	2.3.2					-								
-			SD-07 Certificates	0.4					-								
			Materials	2.1													
-			Manufacturer's Qualification	1.5.1		-			\vdash	-	-						
-			Manufacturer's Representative	1.5.2					┢								
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\dashv			Substitution Protective Surfacing Acceptance	3.1.5		1			\vdash	-	-						
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		32 31 13.53	Post Caps	2.2.2													
			Braces	2.3													
			Line Posts	2.3													
\perp			Sleeves	3.1.3													
\rightarrow			Tension Wire	2.2.2													
\rightarrow			Barbed Wire	2.4.2													
\rightarrow			Barbed Wire Supporting Arms	2.2.2					_								
\rightarrow			Barbed Tape	2.5					_								
\rightarrow			Stretcher Bars	2.1.1													
\rightarrow			Gate Posts	2.1.1													
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\dashv			LOCKS GATE OPERATOR	2.10													
\dashv			SD-07 Certificates	2.10													
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			instructions														
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\rightarrow			Location of Gate, Corner, End,	3.17.1	G				_								
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\dashv			Aluminum Alloy Coating	1.5.1													
			Fabric	2.3													
\neg			Stretcher Bars	2.12													
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			GATE POSTS	2.15													
			SD-07 Certificates								<u> </u>						
			Certificates of Compliance	1.5.2	G												
			SD-08 Manufacturer's Instructions														
			Fence Assembly	1.3													

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	32 31 13	Gate Assembly	1.3													
		Hardware Assembly	1.3													
		Accessories	1.3													
	32 84 23	SD-02 Shop Drawings														
		Sprinkler System	3.2													
		SD-03 Product Data														
		Framed Instructions	3.3													
		Field Training	3.4													
		Sprinkler System	3.2													
		Spare Parts	1.5													
		Design Analysis and Calculations	1.2													
		SD-06 Test Reports														
		Field Tests	3.5													
		SD-07 Certificates														
		Sprinkler System	3.2					_								
		SD-10 Operation and Maintenance						_								
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		Sprinkler System	3.2													
	32 84 24	SD-02 Shop Drawings														
		Irrigation sprinkler system	1.3													
		SD-03 Product Data														
		Piping materials	2.1													
		Valves	2.3													
		heads	2.2													
		Backflow preventers	2.3.6													
		Automatic controller	2.5													

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		32 84 24	Solvent cement	2.1.4													
\rightarrow			Control wiring	2.6.1													
\rightarrow			Drip irrigation	2.1.7													
\rightarrow			Water hammer arresters	2.4.4.2													
\rightarrow			Water meter	2.4.2					<u> </u>								
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\rightarrow			Tapping tee	2.4.1													
\rightarrow			Valve boxes and lids	3.1.7.3													
\rightarrow			Drip head accessories	2.4.3					-								
\rightarrow			SD-05 Design Data	4.0													
\rightarrow			System pressure calculations	1.3													
-			Irrigation requirements	1.3					-								
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\rightarrow			Backflow preventers	2.3.6					t								
\dashv			SD-08 Manufacturer's Instructions	2.0.0													
\dashv			Automatic controller	2.5													
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			Solvent cement	2.1.4													
			Control wiring	2.6.1													
			Drip irrigation	2.1.7													
			Water hammer arresters	2.4.4.2													
			Water meter	2.4.2													
			Rain shut-off device	2.4.5.1													
			Freeze shut-off device	2.4.5.2													
			Soil moisture sensor	2.4.5.3													
			SD-10 Operation and Maintenance														
			Data														
			Piping materials	2.1	G												
			heads	2.2	G												
			Backflow preventers	2.3.6	G												
			Valves	2.3	G												
			Automatic controller	2.5	G												
			Drip irrigation	2.1.7	G												
			Water hammer arresters	2.4.4.2	G												
			Water meter	2.4.2	G												
			Rain shut-off device	2.4.5.1	G												
\perp			Freeze shut-off device	2.4.5.2	G				<u> </u>								
			Soil moisture sensor	2.4.5.3	G				<u> </u>								
			SD-11 Closeout Submittals						<u> </u>								
			Controller Charts	3.2.3													
		32 92 19	SD-03 Product Data						$oxed{oxed}$								
			Wood cellulose fiber mulch	2.5.3													

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		32 92 19	Seed	2.1													
			Fertilizer	2.4													
			SD-06 Test Reports														
			Topsoil composition tests	2.2.3													
			SD-08 Manufacturer's Instructions														
			Erosion Control Materials	2.7													
		32 92 23	SD-03 Product Data														
			Fertilizer	2.4													
			SD-06 Test Reports														
			Topsoil composition tests	2.2.3													
			SD-07 Certificates														
			sods	2.1													
		32 93 00	SD-01 Preconstruction Submittals														
			Landscape Contractor's License	1.4.3													
			Time Restrictions and Planting	1.6													
			Conditions														
			SD-03 Product Data														
			Weed control fabric	2.6	G												
			Metal anchors	2.8.7													
			Erosion control materials	2.10													
			Photographs	1.4.4	G												
			Mulch	2.7													
			SD-06 Test Reports														
			Topsoil composition tests	1.4.1													
			Topsoil composition tests	2.2.4													
			Percolation Test	1.4.5													
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		32 93 00	SD-07 Certificates														
			Nursery certifications	1.4.2													
			Nursery certifications	2.1.1													
		32 96 00	SD-01 Preconstruction Submittals														
			Photographs	1.4.1													
			SD-02 Shop Drawings														
			Transplanting Plan	1.4.2													
			SD-03 Product Data														
			Equipment	1.4.2													
			SD-06 Test Reports														
			Soil Test	1.4.3													
			Percolation Test	1.4.4													
		33 08 55	SD-01 Preconstruction Submittals														
			Commissioning Plan	1.6	G												
			SD-06 Test Reports														
			Piping Flushing Checklist	3.5.3													
			Piping Cleaning Checklist	3.7.4													
			Control Valve Checklist	3.8.1													
			Commissioning Report	1.8													
			SD-07 Certificates														
			Certification of Completion	1.7													
			Disposal of Waste Materials	1.9													
		33 11 00	SD-03 Product Data														
			Piping Materials	2.1.1													
			Water distribution main	2.1													
			Water service line	2.2													
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\rightarrow		33 11 00	Hydrants		G				_					_			
\rightarrow			Indicator posts		G												
			Corporation stops	2.2.2.1													
\rightarrow			Valve boxes	2.1.2.9													
\perp			Valve boxes	2.2.2.12													
\rightarrow			SD-05 Design Data														
\rightarrow			Design calculations of water	1.2.1													
\perp			piping														
\perp			SD-06 Test Reports														
\perp			Disinfection	2.2.2.18	G												
			SD-07 Certificates														
			Water distribution main	2.1													
			Water service line	2.2													
			lining and coating	2.1.1.5													
			Lining	2.1.1.1													
			Lining	2.1.1.2													
			hydrants	2.1.2.7													
			Displacement Type Meters	2.2.2.14													
			Compound Type Meters	2.2.2.15													
			SD-08 Manufacturer's Instructions														
			Delivery, storage, and handling	1.4													
			Installation	3.1.1													
		33 30 00	SD-01 Preconstruction Submittals														
			Existing Conditions	1.6													
			SD-02 Shop Drawings														
			Installation Drawings	1.4.1													
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		33 30 00	Precast concrete manhole	2.3.1													
			Metal items	2.3.4													
			Frames, covers, and gratings	2.3.4.1													
			SD-03 Product Data														
			Pipeline materials	2.1													
			SD-06 Test Reports														
			Reports	2.4													
			SD-07 Certificates						<u> </u>								
			Portland Cement	2.2.2					_								
			Gaskets	2.1.3.2					_								
			SD-11 Closeout Submittals														
			As-Built Drawings	1.4.1													
		33 34 00	SD-06 Test Reports														
-			Hydrostatic Tests	3.2					<u> </u>								
		33 40 00	SD-03 Product Data														
			Placing Pipe	3.3					-								
-			SD-04 Samples	0.4					 								
-			Pipe for Culverts and Storm	2.1													
-			Drains SD-07 Certificates														
\dashv			Resin Certification	2.1.7					\vdash								
\dashv			Resin Certification Resin Certification	2.1.7					\vdash					\vdash			
\dashv			Pipeline Testing	3.8					\vdash								
\dashv			Hydrostatic Test on Watertight	2.7							 						
-			Joints	2.1					\vdash								
\dashv			Determination of Density	3.7.5													
			Determination of Denoity	10.7.0								<u> </u>	I				

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		33 40 00	Frame and Cover for Gratings	2.3.7													
		33 46 16	SD-03 Product Data														
			Installation Plan	2.5.5					<u> </u>								
			Installation Plan	2.5.5.1													
			SD-04 Samples	1					_								
			Filter Fabric	2.2					_								
			Pipe for Subdrains	2.1					-								
			SD-06 Test Reports	 					-								
-			Product Certification	2.5.5													
-			SD-07 Certificates														
			Filter Fabric	2.2					-								
		00.54.45	Pipe for Subdrains	2.1					 								
-		33 51 15	SD-02 Shop Drawings Pipe, Fittings, and Associated	2.1													
-			Materials	2.1					┢								
_			SD-03 Product Data														
_			Materials and Equipment	2.1													
			Spare Parts	1.6													
			Pipe and Accessory Coatings	2.1													
			SD-05 Design Data	1													
			Connections to Existing Lines	1.4.2.2													
			Connections to Existing Lines	3.13													
			Connection and Abandonment		G												
			Plan														
			Connection and Abandonment	3.13.2	G												
			Plan														

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\perp		33 51 15	Jointing of Polyethylene and	1.4.1.2					$oxed{oxed}$								
			Fiberglass Piping														
\perp			SD-06 Test Reports														
\perp			Pressure and Leak Tests	3.15.2	G												
\rightarrow			SD-07 Certificates														
\rightarrow			Welder's training, qualifications	1.4.1.1													
\rightarrow			and procedures											<u> </u>			
\rightarrow			Utility Work	3.13.1										_			
\rightarrow			SD-10 Operation and Maintenance											_			
\rightarrow			Data											_			
_			Gas distribution system and	1.2.1					_					_			
_			equipment operation						_					_			
_			Gas distribution system	1.2.2					_					_			
			maintenance						\vdash					_	ļ	_	
\rightarrow			Gas distribution equipment	1.2.3					<u> </u>					<u> </u>		_	
\rightarrow			maintenance						<u> </u>					<u> </u>		_	
\rightarrow		33 56 10	SD-02 Shop Drawings						\vdash					_	ļ	_	
			Grounding and Bonding	2.3.2					\vdash					_	ļ	_	
\perp			SD-03 Product Data														
\perp			Aboveground Storage Tank	2.4													
\rightarrow			Underground Storage Tank	2.5					<u> </u>					<u> </u>			
\rightarrow			Tank Protective Coatings	2.6					<u> </u>					<u> </u>			
\rightarrow			Automatic Level Alarm System	2.8													
\rightarrow			Tank Gauges	2.9													
\perp			Manway Containment Sump	2.10					$oxed{oxed}$								

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		33 56 10	Tank Mounted Fuel Dispensing	2.11													
\rightarrow			Unit														
\rightarrow			Fuel Heaters	2.12													
			SD-06 Test Reports														
			Aboveground Storage Tank	3.2.1	G												
			Tightness Tests														
			Underground Storage Tank	3.2.2	G												
_			Tightness Tests														
\rightarrow			Tank Manufacturer's Tests	3.2.3					-								
			Tank Fill Tests	3.4					-								
\rightarrow			SD-07 Certificates	4.4.4													
\rightarrow			Contractor Qualifications	1.4.1 1.4.2.1													
			Permitting Registration	1.4.2.1					┢								
-			Licensed Personnel	1.4.2.3													
			Demonstrations	3.3													
			SD-08 Manufacturer's Instructions	0.0													
			Aboveground Storage Tank	2.4													
			Underground Storage Tank	2.5													
			Automatic Level Alarm System	2.8													
			Tank Gauges	2.9													
			Fuel Heaters	2.12													
			SD-10 Operation and Maintenance														
			Data														
			Aboveground Storage Tank	2.4													
			Underground Storage Tank	2.5													

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		33 56 10	Automatic Level Alarm System	2.8													
			Tank Gauges	2.9													
			Fuel Heaters	2.12													
		33 58 00	SD-02 Shop Drawings														
			Leak Detection System	2.3	G												
			Electronic Monitoring/Alarm	2.4													
			Panel														
			Computational Pipeline	2.5													
			Monitoring System														
			SD-03 Product Data														
			Leak Detection System	2.3	G												
			Electronic Monitoring/Alarm	2.4													
			Panel														
			Computational Pipeline	2.5													
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			SD-06 Test Reports														
			Leak Detection System Test	3.2.1													
			SD-07 Certificates														
			Demonstrations	3.3													
			SD-08 Manufacturer's Instructions														
			Leak Detection System	2.3													
			SD-10 Operation and Maintenance														
			Data														
			Leak Detection System	2.3													
			Electronic Monitoring/Alarm	2.4													
			Panel														
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		33 58 00	Computational Pipeline	2.5													
			Monitoring System														
		33 70 02.00 10	SD-02 Shop Drawings														
			Detail Drawings	1.4.1	G												
			As-Built Drawings	1.4.2													
			SD-03 Product Data														
			Fault Current Analysis	2.19.4	G												
_			Protective Device	2.19	G												
			Coordination Study	2.19.5	G												
			Material and Equipment	2.1													
\rightarrow			Installation Requirements	3.2													
			SD-06 Test Reports	0.47													
			Factory Tests	2.17													
\dashv			Field Testing Operating Tests	3.12 3.12.13													
\dashv			Cable Installation	3.3.1.4													
-			SD-07 Certificates	3.3.1. 4													
\dashv			Material and Equipment	2.1													
			Cable Joints	3.4													
\neg			Installation Engineer	3.13.2													
			SD-10 Operation and Maintenance														
			Data														
			Operation and Maintenance	3.13.1													
			Manuals														
		33 71 01	SD-03 Product Data														
			Pole top switch	3.1.9													

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	_	33 71 01		2.17	G												
			Sectionalizer	2.18	G												
			Cutouts	2.13	G												
	_		Transformer	2.15	G												
	_		Metering equipment	2.19	G												
	_		Meters	2.19.3	G												
	_			2.12													
	_			2.2.1													
	_		Anchors	2.10					<u> </u>								
	_		SD-06 Test Reports						<u> </u>								
	_		Field Quality Control	3.6													
	_		Ground resistance test reports	1.5.3													
	_		SD-09 Manufacturer's Field														
	_		Reports														
	_		routine and other tests	2.25.2													
\perp	4		SD-10 Operation and Maintenance						_						ļ		
\perp	4		Data						_						ļ		
	4		Operation and Maintenance	1.6.1					_						ļ		
	_		Manuals														
	_		SD-11 Closeout Submittals														
	_		Transformer test schedule	2.25.1													
	_	33 82 00	SD-02 Shop Drawings														
	_		Telecommunications Outside	1.6.1.1	G		1		_	ļ					ļ		
\perp	_		Plant						_								
\perp	_		Telecommunications Entrance	1.6.1.2	G				_								
			Facility Drawings														

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