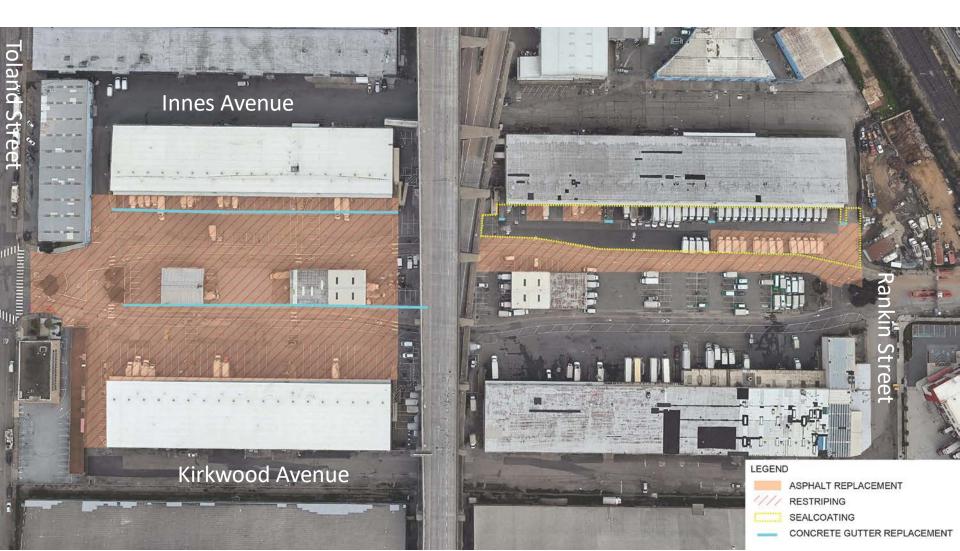
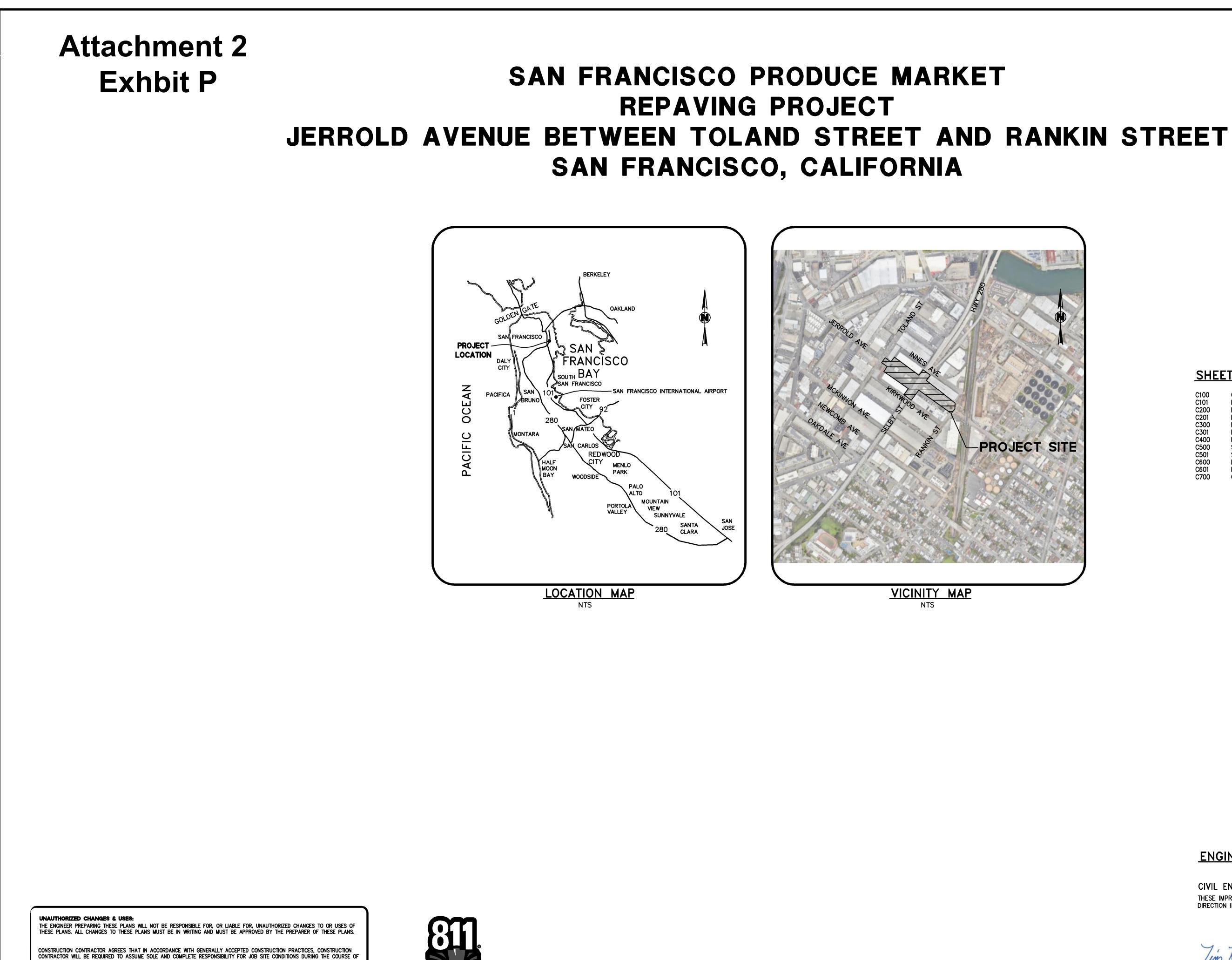
Attachment 1

Extent of Paving Work at Marshalling Yard





Know what's **below**.

Call before you dig.

PROFESSIONAL.

CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO

APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO

DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN



SHEET INDEX

C101NOTES, LEGEND AND ABBREVIATIONSC200EXISTING CONDITIONS AND DEMOLITION PLANC201EXISTING CONDITIONS AND DEMOLITION PLANC300PAVING PLANC301PAVING PLANC400PHASING PLANC500STRIPING PLANC501STRIPING PLANC600EROSION CONTROL PLANC601EROSION CONTROL NOTES AND DETAILSC700CONSTRUCTION DETAILS	C100	COVER SHEET
C201EXISTING CONDITIONS AND DEMOLITION PLANC300PAVING PLANC301PAVING PLANC400PHASING PLANC500STRIPING PLANC501STRIPING PLANC600EROSION CONTROL PLANC601EROSION CONTROL NOTES AND DETAILS	C101	NOTES, LEGEND AND ABBREVIATIONS
C300 PAVING PLAN C301 PAVING PLAN C400 PHASING PLAN C500 STRIPING PLAN C501 STRIPING PLAN C600 EROSION CONTROL PLAN C601 EROSION CONTROL NOTES AND DETAILS	C200	EXISTING CONDITIONS AND DEMOLITION PLAN
C301PAVING PLANC400PHASING PLANC500STRIPING PLANC501STRIPING PLANC600EROSION CONTROL PLANC601EROSION CONTROL NOTES AND DETAILS	C201	EXISTING CONDITIONS AND DEMOLITION PLAN
C400PHASING PLANC500STRIPING PLANC501STRIPING PLANC600EROSION CONTROL PLANC601EROSION CONTROL NOTES AND DETAILS	C300	PAVING PLAN
C500 STRIPING PLAN C501 STRIPING PLAN C600 EROSION CONTROL PLAN C601 EROSION CONTROL NOTES AND DETAILS	C301	PAVING PLAN
C501STRIPING PLANC600EROSION CONTROL PLANC601EROSION CONTROL NOTES AND DETAILS	C400	PHASING PLAN
C600 EROSION CONTROL PLAN C601 EROSION CONTROL NOTES AND DETAILS	C500	STRIPING PLAN
C601 EROSION CONTROL NOTES AND DETAILS	C501	STRIPING PLAN
	C600	EROSION CONTROL PLAN
C700 CONSTRUCTION DETAILS	C601	EROSION CONTROL NOTES AND DETAILS
	C700	CONSTRUCTION DETAILS

ENGINEER'S STATEMENT

CIVIL ENGINEER THESE IMPROVEMENT PLANS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECTION IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICE.

Tim Hellernan

TIM HEFFERNAN PROJECT MANAGER P.E. #67089 EXP 09/30/24 BKF ËNGINEERS



11/10/2022 DATE

ARKE **A** S App Des Ca Drawing Number C100 OF

Ř

GENERAL NOTES

- . THE FEDERAL EMERGENCY MANAGEMENT AGENCY HAS NOT IDENTIFIED ANY SPECIAL FLOOD HAZARD AREAS WITHIN THE CITY OF SAN FRANCISCO, CALIFORNIA. THE CITY DOES NOT PARTICIPATE IN THE NATIONAL FLOOD INSURANCE PROGRAM.
- 2. THESE PLANS DESCRIBE THE INTENT OF THE CIVIL DESIGN. THE CONTRACTOR SHOULD BE FULLY FAMILIAR WITH THE DOCUMENTS PRIOR TO ORDERING MATERIALS OR COMMENCING WORK.
- 3. CONTRACTOR SHALL NOTIFY THE CITY TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- 4. THE CONTRACTOR SHALL GIVE THE CITY ENGINEER TWO (2) DAYS
- ADVANCE NOTICE FOR INSPECTION SERVICES. 5. CONTRACTOR SHALL OBTAIN CITY'S APPROVAL FOR ALL HAUL ROUTES TO AND FROM THE SITE. THE HAULING ROUTES SHALL BE STRICTLY
- ADHERED TO BY THE CONTRACTOR AND ALL SUBCONTRACTORS 6. ALL REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WRITING BY THE CIVIL ENGINEER AND THE CITY ENGINEER PRIOR TO
- CONSTRUCTION OF AFFECTED ITEMS.
 7. THE CONTRACTOR SHALL CONTAIN HIS OPERATION WITHIN THE SITE BOUNDARY AND SHALL USE EXTREME CARE TO PRESERVE AND PROTECT EXISTING FACILITIES. CONTRACTOR SHALL REPLACE ALL DAMAGED IMPROVEMENTS AT HIS OWN EXPENSE.
- 8. THE CONTRACTOR SHALL RESTORE TO THEIR PREVIOUS CONDITION ALL WALLS, FENCES, SERVICES, UTILITIES, IMPROVEMENTS OR FEATURES OF WHATEVER NATURE WHICH ARE DAMAGED, DUE TO THE CONTRACTOR'S WORK. WORK REQUIRED TO REPAIR OR REPLACE IMPROVEMENTS OR FEATURES SHALL BE AT THE OWNER'S EXPENSE.
- 9. CONTRACTOR SHALL POST ON SITE EMERGENCY TELEPHONE NUMBERS FOR CITY ENGINEER, AMBULANCE, POLICE, FIRE DEPARTMENTS, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOB SITE.
- EXISTING PEDESTRIAN WALKWAYS, BIKEWAYS AND ACCESSIBLE PATHWAYS SHALL BE MAINTAINED DURING CONSTRUCTION.
 NO EQUIPMENT, DEBRIS, OR CONSTRUCTION MATERIAL MAY BE STORED
- WITHIN THE IMPROVED RIGHT-OF-WAY FOR ALL CITY STREETS AND THE CONSTRUCTION ACCESS ROAD AT ANY TIME WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY OF SAN FRANCISCO.
- 12. CONTRACTOR WILL BE RESPONSIBLE FOR THE LAWFUL REMOVAL AND DISPOSAL OF ALL SPOILS MATERIAL.
- CONTRACTOR SHALL INSURE POSITIVE DRAINAGE TO DRAINAGE FACILITIES AT ALL TIMES DURING THE CONSTRUCTION ACTIVITIES.
 CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND
- LICENSES TO DO WORK WITHIN THE CITY RIGHT-OF-WAY PRIOR TO THE START OF CONSTRUCTION. 15. NO GRADING MAY BEGIN UNTIL THE CONTRACTOR SECURES A GRADING
- PERMIT FROM THE CITY OF SAN FRANCISCO. 16. CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY, AND CITY LAWS AND ORDINANCES; AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATION, O.S.H.A. AND THE INDUSTRIAL ACCIDENT
- COMMISSION.
 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES WITHIN THE WORK AREA WHICH ARE TO REMAIN IN USE, WHETHER OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY USA AT 800-642-2444 AND ANY OWNERS OR PRIVATE UTILITY COMPANIES WITHIN THE CONSTRUCTION AREA AT LEAST 48 HOURS PRIOR TO THE START OF ANY CONSTRUCTION.
 18. ALL MATERIAL SHALL PE FURNISHED AND INSTALLED BY CONTRACTOR
- ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR UNLESS OTHERWISE NOTED.
 EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEATHED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM
- DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEATHING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL COMPLETE NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. THE CONTRACTOR SHALL COMPLY WITH O.S.H.A. REQUIREMENTS AT ALL TIMES. 20. THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR THE ENTIRE
- PROJECT SITE AT ALL TIMES. THE SITE SHALL BE SPRINKLED AS NECESSARY TO PREVENT DUST NUISANCE. IN THE EVENT THE CONTRACTOR NEGLECTS TO USE ADEQUATE MEASURES TO CONTROL DUST, THE CITY RESERVES THE RIGHT TO TAKE WHATEVER MEASURES ARE NECESSARY TO CONTROL DUST AND CHARGE THE COST TO THE CONTRACTOR.
- 21. DURING CONSTRUCTION, THE CONTRACTOR SHALL SWEEP PUBLIC STREETS DAILY, OR AS OFTEN AS NECESSARY, TO KEEP STREETS FREE OF VISIBLE SOIL MATERIAL AND TO PROTECT ADJACENT PROPERTIES FROM DUST, TO THE SATISFACTION OF THE CITY ENGINEER. DRY SWEEPING METHODS SHALL BE USED WHEN POSSIBLE FOR CLEANING SEDIMENTS FROM STREETS, DRIVEWAY AND PAVED AREAS ON THE SITE.
- 22. AS TO THE ACCURACY BETWEEN THE WORK SET FORTH ON THESE PLANS AND THE WORK IN THE FIELD, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER PRIOR TO START OF CONSTRUCTION.
- 23. UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED BY THE CONTRACTOR AND LEFT WITH A SMOOTH AND NEATLY GRADED SURFACE FREE OF CONSTRUCTION WASTE, RUBBISH, AND DEBRIS OF ANY NATURE.
- 24. THE DRAWINGS AND CONTRACT DOCUMENTS SHALL BE CONSIDERED TO BE COMPLEMENTARY TO EACH OTHER. ANYTHING MENTIONED IN THE SPECIFICATIONS AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS SHALL BE AS IF SHOWN ON OR MENTIONED IN BOTH. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- 25. WORK SHALL BE PERFORMED WITH THE PROJECT PLANS, SPECIFICATIONS, CITY OF SAN FRANCISCO STANDARDS, CURRENT CALTRANS STD PLANS AND THESE NOTES.
- 26. ALL WORK OCCURRING WITHIN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED IN CONFORMANCE WITH AND SUBJECT TO APPROVAL BY THE CITY AND COUNTY OF SAN FRANCISCO.
- 27. SHOULD ANY PUBLIC STREET RIGHT OF WAY IMPROVEMENTS DESCRIBED IN THESE PLANS OR THE PROJECT SPECIFICATIONS CONFLICT WITH THE STANDARDS OR SPECIFICATIONS OF THE CITY AND COUNTY OF SAN FRANCISCO, THE SPECIFICATIONS OR STANDARDS OF THE CITY AND COUNTY OF SAN FRANCISCO SHALL GOVERN.
- 28. CONSTRUCTION STAKING SHALL BE DONE BY A CIVIL ENGINEER OR LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA.
 29. ALL STREET MONUMENTS, LOT CORNER PIPES OR OTHER PERMANENT
- 29. ALL STREET MONOMENTS, LOT CORNER PIPES OR OTHER PERMANENT MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE RESET BY A LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE BEFORE ACCEPTANCE OF THE IMPROVEMENTS BY THE CITY ENGINEER.
- 30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL PREPARE A TRAFFIC CONTROL PLAN AND OBTAIN APPROVAL FROM THE CITY AND CALTRANS BEFORE COMMENCING WORK. THE CONTRACTOR SHALL ALSO PROVIDE FLAGMEN, CONES, OR BARRICADES, AS NECESSARY TO CONTROL TRAFFIC AND PREVENT HAZARDOUS CONDITIONS. THE CONTRACTOR SHALL LEAVE A 24-HOUR EMERGENCY TELEPHONE NUMBER WITH POLICE, FIRE AND PUBLIC WORKS DEPARTMENTS, AND KEEP THEM INFORMED DAILY OF DETOURS.
- 31. TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT. CONTRACTOR SHALL BACKFILL TRENCHES OR PLACE STEEL PLATING OR HOT-MIX ASPHALT AS REQUIRED TO PROTECT OPEN TRENCHES AT THE END OF EVERY WORK DAY.
- 31. WHEN SPECIFICATIONS OR STANDARDS FROM DIFFERENT AUTHORITIES DIFFER FOR THE SAME SUBJECT MATTER, NOTIFY OWNER AND REQUEST CLARIFICATION.
- 32. AN ENCROACHMENT PERMIT IS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENT AND MUST BE OBTAINED PRIOR TO COMMENCEMENT OF WORK.

- 33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF WORK IN PROGRESS UNTIL ACCEPTANCE OF THE ENTIRE PROJECT BY THE OWNER. THE CONTRACTOR SHALL BE AWARE THAT DEWATERING ACTIVITIES SHALL COMPLY WITH THE CONDITIONS OF THE BAY AREA REGIONAL WATER QUALITY CONTROL BOARD GENERAL PERMIT FOR CONSTRUCTION SITES & LOCAL REQUIREMENTS.
- 34. ALL GRADING WORK IS REQUIRED TO MEET THE WATER QUALITY STANDARDS OUTLINED IN THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT, & CITY STANDARDS AND THE APPLICANT SHALL IMPLEMENT THE CONSTRUCTION BEST MANAGEMENT PRACTICES LISTED ON THE STORMWATER POLLUTION PREVENTION PROGRAM "CHECKLIST FOR CONSTRUCTION REQUIREMENTS" TO THE
- SATISFACTION OF THE CITY ENGINEER. 35. DURING GRADING, THE APPLICANT SHALL PROTECT STORM DRAIN INLETS FROM SEDIMENT-LADEN RUNOFF TO THE GREATEST EXTENT FEASIBLE TO THE SATISFACTION OF THE CITY ENGINEER. STORM DRAIN INLET PROTECTION DEVICES INCLUDE SAND BAG BARRIERS, FILTER FABRIC FENCES, BLOCK AND GRAVEL FILTERS, AND BURLAP BAGS FILLED WITH
- DRAIN ROCK. 36. EXCESS MATERIAL LEFT AT THE COMPLETION OF CONSTRUCTION SHALL BE DISPOSED OF IN ACCORDANCE WITH STATE AND/OR LOCAL
- REGULATIONS AT THE CONTRACTOR'S EXPENSE. 37. CONTRACTOR SHALL KEEP ACCURATE AS-BUILT DRAWINGS THAT SHOW THE FINAL LOCATIONS, ELEVATIONS, AND DESCRIPTIONS OF HIS WORK. CONTRACTOR SHALL ALSO NOTE THE LOCATION OF ANY EXISTING IMPROVEMENTS ENCOUNTERED. AS-BUILT DRAWING SHALL BE REDLINES AND PROVIDED TO THE GENERAL CONTRACTOR UPON COMPLETION OF WORK.

II. LAYOUT NOTES

1. STRIPING SHOWN ARE TO THE CENTERLINE OF STRIPE UNLESS OTHERWISE NOTED.

III. EXISTING CONDITIONS

- 1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS WAS PREPARED BY MARTIN RON AND ASSOCIATES. GRADES ENCOUNTERED ON SITE MAY VARY FROM THOSE SHOWN. CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS AND CONDUCT FIELD INVESTIGATIONS TO VERIFY EXISTING CONDITIONS AT THE PROJECT SITE.
- 2. INFORMATION REGARDING EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES SHOWN ON THESE PLANS WAS TAKEN FROM RECORD DATA KNOWN TO THE DESIGN ENGINEER AND IS NOT MEANT TO BE A FULL CATALOG OF EXISTING CONDITIONS. CONTRACTOR SHALL CONDUCT FIELD INVESTIGATIONS AS REQUIRED TO VERIFY SIZE, LOCATION AND ELEVATION OF EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES (WHETHER SHOWN ON THESE PLANS OR NOT) PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES DAMAGED DURING CONSTRUCTION. CONTRACTOR SHALL ALSO NOTIFY THE CIVIL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS IN THE FIELD AND INFORMATION SHOWN ON THESE PLANS.

IV. GRADING

- 1. PRIOR TO THE START OF GRADING, SITE WORK AND DEMOLITION CONTRACTOR SHALL REVIEW THE PLANS TO DETERMINE THE EFFECT OF SUBSURFACE FEATURES ON HIS WORK. CONTRACTOR SHALL ALSO REVIEW THE PROJECT GEOTECHNICAL INVESTIGATION AND RECOMMENDATIONS AND ENVIRONMENTAL DOCUMENTS FOR ADDITIONAL CONSTRAINTS EFFECTING SUBSURFACE EXCAVATIONS.
- 2. GRADING OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE SOILS REPORT PREPARED BY TREADWELL & ROLLO, TITLED: <u>DRAFT GEOTECHNICAL INVESTIGATION</u> <u>SAN FRANCISCO WHOLE PRODUCE MARKET – MAIN SITE</u> SAN ERANCISCO CALLEOPNIA
- SAN FRANCISCO, CALIFORNIA 29 NOVEMBER, 2010

AND ALL ADDENDUMS, SUPPLEMENTAL REPORTS & DOCUMENTS TO THE GEOTECHNICAL REPORT.

- 3. THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2)
- WORKING DAYS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
 A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING GRADING OPERATIONS AND SHALL PERFORM SUCH TESTING AS DEEMED NECESSARY. THE REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL OBSERVE THE GRADING OPERATION FOR CONDITIONS THAT SHOULD BE CORRECTED, AND IDENTIFY THOSE CONDITIONS WITH RECOMMENDED CORRECTIVE MEASURES TO THE CONTRACTOR AND THE CITY OF SAN FRANCISCO.
- 5. THE PRESENCE OF THE GEOTECHNICAL ENGINEER'S FIELD REPRESENTATIVE AT THE SITE IS TO PROVIDE THE OWNER A CONTINUING SOURCE OF PROFESSIONAL ADVICE, OPINIONS AND RECOMMENDATIONS BASED UPON THE FIELD REPRESENTATIVE'S OBSERVATIONS OF THE CONTRACTOR'S WORK AND DOES NOT INCLUDE ANY SUPERINTENDING, SUPERVISION, OR DIRECTION OF THE ACTUAL WORK OF THE CONTRACTOR, SUBCONTRACTOR'S OR THE CONTRACTOR'S OR SUBCONTRACTOR'S WORKMEN, NOR DOES ANY CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE CONDUCTED BY THE GEOTECHNICAL ENGINEER CONSTITUTE A REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE
- 6. CONTRACTOR SHALL EXERCISE EXTREME CARE TO CONFORM TO THE LINES, GRADES, SECTIONS, AND DIMENSIONS AS SET FORTH ON THESE PLANS. ALL GRADED BUILDING PADS AND ROAD SUBGRADE SHALL CONFORM TO THE VERTICAL ELEVATIONS SHOWN WITHIN A TOLERANCE OF ONE-TENTH OF A FOOT. ALL FINISHED SURFACES FOR FLAT WORK SHALL CONFORM TO THE VERTICAL ELEVATIONS SHOWN WITHIN TWO-HUNDREDTHS OF A FOOT. ALL CUT AND FILL SLOPES SHALL CONFORM TO THE VERTICAL ELEVATIONS SHOWN WITHIN A TOLERANCE OF ONE-HALF OF A FOOT EXCEPT WHERE APPROVED BY THE GEOTECHNICAL ENGINEER. WHERE GRADED AREAS DO NOT CONFORM TO THESE TOLERANCES, THE CONTRACTORS SHALL BE REQUIRED TO DO
- CORRECTIVE GRADING, AT NO EXTRA COST TO THE OWNER. 7. WHEREVER, IN THE OPINION OF THE GEOTECHNICAL ENGINEER, AN UNSTABLE GRADING CONDITION IS BEING CREATED, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE CONDITION BEFORE PROCEEDING WITH OTHER WORK.
- 8. ALL AREAS TO BE GRADED SHALL FIRST BE STRIPPED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- 9. ALL SUMPS CREATED BY GRADING OPERATIONS SHALL BE FILLED AND
- GRADED FOR POSITIVE DRAINAGE.
 10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER IMMEDIATELY IN WRITING OF DIFFERENCES IN TOPOGRAPHY FROM THAT SHOWN ON THIS PLAN WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR AFFECT THE EARTHWORK QUANTITY.
- 11. THE CONTRACTOR SHALL DETERMINE THE EARTHWORK QUANTITIES TO HIS SATISFACTION PRIOR TO BIDDING. FINAL GRADING QUANTITIES ARE DEPENDENT ON FIELD CONDITIONS, CONSTRUCTION TECHNIQUES AND SEQUENCE, FINAL COMPACTION OBTAINED, TRENCHING AND BACK FILL METHODS AND NUMEROUS OTHER FACTORS OUT OF THE CONTROL OF THE DESIGNER. ANY IMPORT OR EXPORT REQUIRED SHALL BE REFLECTED IN THE BID. NO ADDITIONAL COMPENSATION WILL BE MADE FOR ANY IMPORT OR EXPORT REQUIRED UNLESS NECESSITATED BY UNFORESEEN FIELD CONDITIONS (E.G. UNSUITABLE EXISTING SOIL NOT DETECTED IN THE GEOTECHNICAL INVESTIGATION.)

- 12. TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE COMPLETELY IN PLACE BY THE CONTRACTOR AND SHALL BE DILIGENTLY MAINTAINED BY THE CONTRACTOR TO ENSURE EFFECTIVENESS YEAR ROUND. EXACT LIMITS, PLACEMENT AND METHODS TO BE USED FOR EROSION CONTROL WILL DEPEND UPON THE CONDITION OF THE WORK SITE AT THE TIME THAT EROSION CONTROL MEASURES ARE INSTALLED. EROSION CONTROL MEASURES MUST BE INSTALLED TO THE SATISFACTION OF THE CITY OF SAN FRANCISCO.
- 13. FINISH GRADE ELEVATIONS ARE CALCULATED FROM EXISTING FLOWLINE AND TOP OF CURB ELEVATIONS AND CITY OF SAN FRANCISCO STANDARD SLOPES FOR SIDEWALK AND CURBS.

V. UTILITIES

1. NO PROPOSED UTILITY WORK. ALL EXISTING UTILITIES TO REMAIN.

VI. STATEMENT OF RESPONSIBILITY

1. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE OWNER, CITY, DESIGN PROFESSIONAL AND GEOTECHNICAL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING NEGLIGENCE OF THE SAID PARTIES.

VII. UNAUTHORIZED CHANGES & USES

1. THE CIVIL ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

VIII. SEDIMENTATION & POLLUTION CONTROL 1. ALL TRUCKS TRANSPORTING FILL MATERIAL SHALL BE COVERED OR PROTECTED IN SUCH A WAY AS TO PREVENT SLOUGHING AND/OR

SPILLAGE. 2. EROSION CONTROL PLAN WILL CONFORM TO APPLICABLE CITY, STATE AND FEDERAL STANDARDS.

1X. FIRE PROTECTION

- 1. ALL MOTORIZED CONSTRUCTION EQUIPMENT SHALL HAVE SPARK
- ARRESTORS. 2. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY FOR THE
- LOCATION OF HIS CONSTRUCTION TRAILERS AND STAGING AREA. 3. CONTRACTOR TO PROVIDE "FIRE SAFETY PLAN" TO THE CITY OF SAN FRANCISCO FIRE DEPARTMENT FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITY. THE "FIRE SAFETY PLAN" SHALL BE IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE, CHAPTER 14.

IV. SURVEY NOTES

- 1. DATE OF SITE SURVEY IS 3/30/10.
- THE FOLLOWING MAPS WERE USED AS A BASIS FOR THIS SURVEY:
 a. THE MONUMENT MAP NOS. 292, 293 AND 307, ON FILE IN THE OFFICE OF THE CITY AND COUNTY SURVEYOR OF SAN FRANCISCO.
- b. "RECORD OF SURVEY MAP OF MARINE CORPS SUPPLY FORWARDING ANNEX (ISLAIS CREEK)", RECORDED IN BOOK "T" OF MAPS, PAGES 6 AND 7, SAN FRANCISCO AND COUNTY RECORDS.
 c. CALTRANS RIGHT-OF-WAY RECORD MAPS NOS. R-174.6 AND
- R-174.5, DATED 2-26-63, ON FILE IN THE OFFICE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, DIVISION OF RIGHT OF WAY, OAKLAND, CALIFORNIA.

BENCHMARK

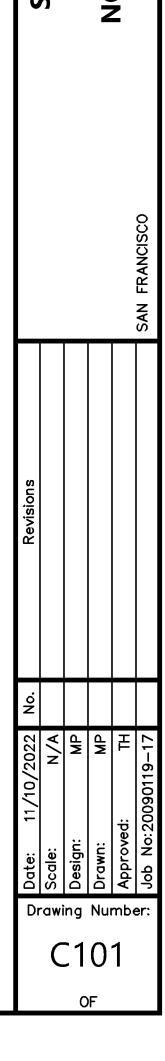
ELEVATIONS SHOWN ARE BASED ON SAN FRANCISCO CITY DATUM.

<u>LEGEND</u>

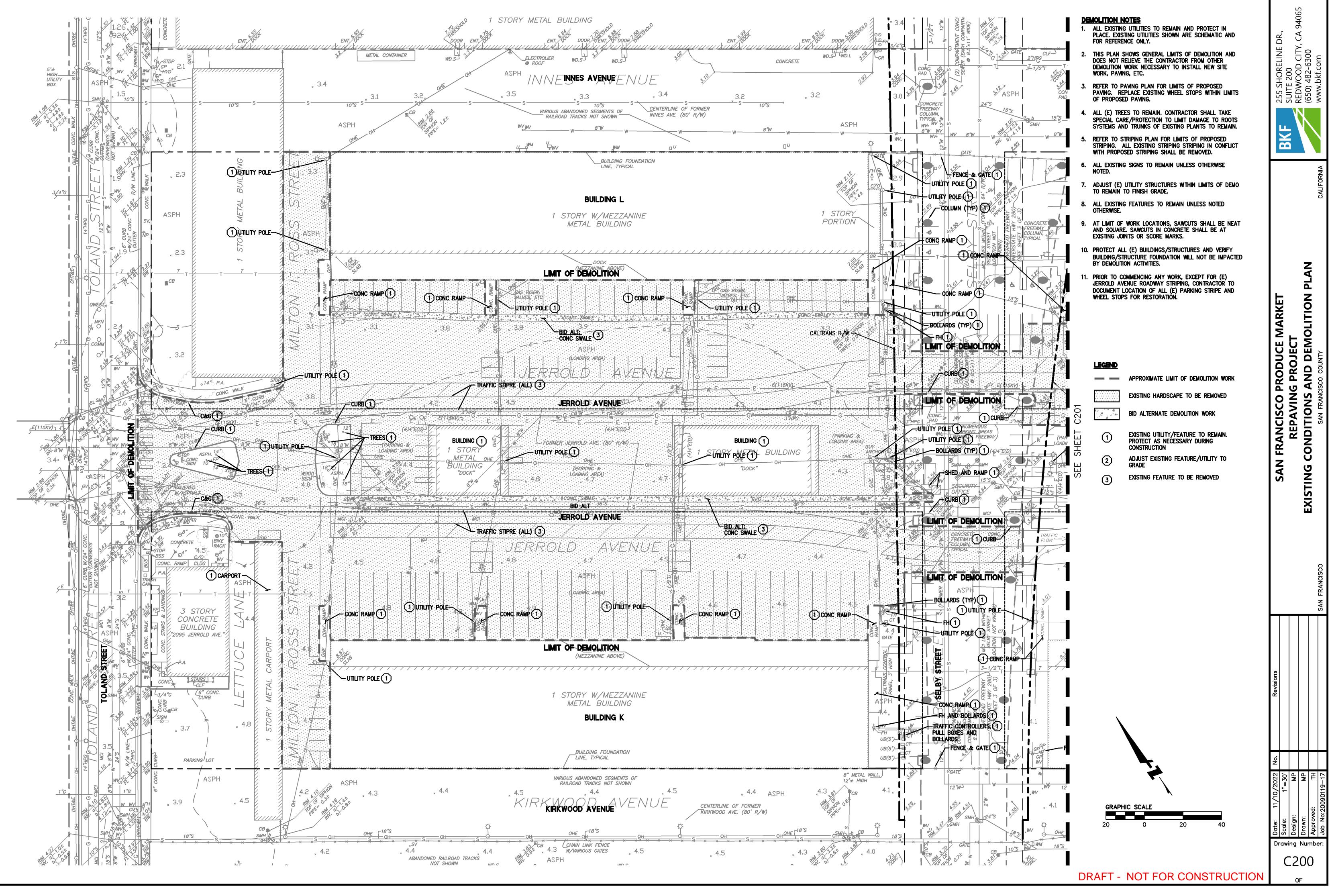
	<u> </u>	(ISTII	<u> </u>	
SPOT ELEVEVATION	× 5'à	OR	3.52+	
WATER VALVE		.wv	/	
FIRE HYDRANT	\$ ^{FH}		HYD	
CATCH BASIN	<i>⊜cb</i> or		OR	CB
AREA DRAIN		AD		
SEWER MANHOLE		SMH		
SEWER VENT SEWER VALVE		SMH SV. So		
WATER METER		_WM		
JOINT POLE		Ģ		
ELECTROLIER		۱ 0۲	Ż	
JOINT POLE & ELECTROLIER		\sim	¢	
QWEST MANHOLE (COMMUNICATION)		OQN	/EST	
MFN MANHOLE		MF	N	
(COMMUNICATION)		0		
COMMUNICATION MANHOLE		Сомм		
MCI MANHOLE (COMMUNICATION)		OMO	~/	
ELECTRIC MANHOLE		O_E		
TELEPHONE MANHOLE		O^T		
UNKNOWN MANHOLE		UMH O		
GAS VALVE		GV		
BUS STOP SHELTER		BUS	5	
BUS STOP SHELTER PULLBOX		BSS		
UNKNOWN COVER		U_{\Box}		
SEWER CLEANOUT UNKNOWN COVER		C/O .U		
LIGHT		ф		
RISER		R		
GAS RISER FIRE/POLICE CALLBOX		.GR F/P _{IR}		
TELEPHONE PULLBOX		'∕'⊠ □7		
STAND PIPE		STDP		
ELECTRIC PULLBOX		□ <i>E</i> .ER		
ELECTRIC RISER CALTRANS PULLBOX				
STREET LIGHT PULLBOX		SL		
SF DEPT. OF ELECTRICITY PULLBOX		DofE		
GUARD POST GUARD POST		⊙ .GP		
TRAFFIC SIGNAL PULLBOX		TS _□		
UNKNOWN BOX, $5' \pm$ HIGH			(5')	
FLAG POLE TREE W/DIAMETER		•FP 14"		
TREE W/DIAMETER		°° © ^{8″}		
SIGN POST		ŀ		
STOP SIGN		S <u>T</u> OP		
TRAFFIC SIGN		۹ _{TR}		
STOP & TRAFFIC SIGN		d STOP &TR	•	
NO PARKING SIGN		NP		
(3) MAILBOXES		MB		
OVERHEAD ELECTRIC WIRES		<u>OH</u>		
OVERHEAD TELEPHONE WIRES OVERHEAD TELEPHONE & ELECTRIC		<u>OH</u>	<u>&E</u>	
OVERHEAD ELECTRIC & TELEVISION ELECTRIC LINE	WIRE?	<u>OHE8</u> F	<u>c I V</u>	
GAS LINE		E G		
HIGH PRESSURE GAS LINE				
MCI LINE (COMMUNICATION)		MC	1	
SEWER LINE		<u></u>		
STREET LIGHT LINE		<u></u>		
TELEPHONE LINE TRAFFIC SIGNAL LINE		<u> </u>		
WATER LINE		<u></u>		
PIPE		(P)	_	
DUCT		(D)		

() BKF Engineers

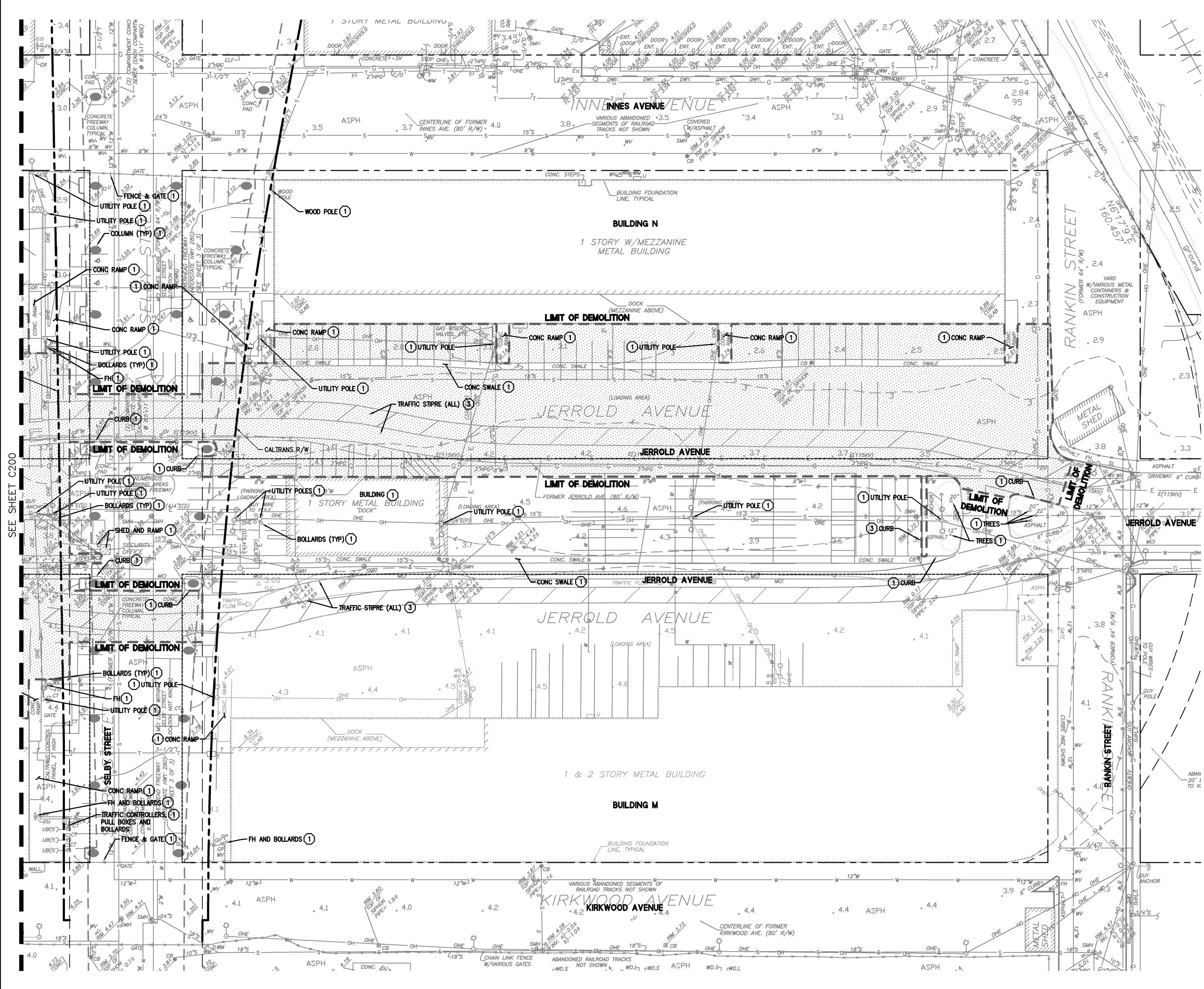
					(r) BKF Engineers
					55
		ABBREVIA	<u> IONS</u>		94065
PROPOSED	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	DR., , CA 9
	AB	AGGREGATE BASE	L	LENGTH	
	AC	ASPHALT CONCRETE	LAT		LINE E CITY, 300 m
	AD AGG	AREA DRAIN AGGREGATE	LB LF	POUND(S) LINEAR FEET	D C C
	ANG PT.	ANGLE POINT	LP		255 SHORELINE I SUITE 200 REDWOOD CITY, (650) 482-6300 www.bkf.com
	APPROX	APPROXIMATE	LT	LEFT	₩ ¥ 800204
	AVG ASTM	AVERAGE AMERICAN SOCIETY FOR	MAX	MAXIMUM	255 SH SUITE REDW (650) 2 www.b
1	ASTM	TESTING MATERIALS	MH MIN	MANHOLE MINIMUM	
	AWWA	AMERICAN WATER WORKS	MIS	MISCELLANEOUS	≤ SI SI ≥
		ASSOCIATION	MVG	MODIFIED VALLEY GUTTER	
	BLDG BM	BUILDING BENCH MARK	NG NO., #	NATURAL GROUND NUMBER	
	BPM	BLUE PAVEMENT MARKER	NU., # NTS	NOMBER NOT TO SCALE	
	BOW	BOTTOM OF WALL	OC	ON CENTER	BKF
	CF C&G		OH	OVERHEAD	
	C&G CL, Q	CURB & GUTTER CENTERLINE	(P) P	PROPOSED PAD	
	CMP	CORRUGATED METAL PIPE	PCC	POINT OF COMPOUND CURVE,	
	CO	CLEANOUT		PORTLAND CEMENT CONCRETE	≤
	CONC	CONCRETE	PE	PAD ELEVATION,	L Z Z
	CONN CONT	CONNECT(ION) CONTINUOUS, CONTINUATION	PG&E	POLYETHYLENE PACIFIC GAS AND ELECTRIC	CALIFORNIA
	CONST	CONSTRUCT	PI	POINT OF INTERSECTION	I AL
	CS	COMBINED SEWER	PL, PL	PROPERTY LINE	0
	CUL	CULVERT	PP	POWER POLE	
	CY DIA	CUBIC YARD DIAMETER	PR, (P)	PROPOSED	
	DR.	DRIVE	PT PUE	POINT PUBLIC UTILITY EASEMENT	
	DW	DOMESTIC WATER	R	RADIUS	
	DWY	DRIVEWAY	RD	ROAD	
	(E) E	EXISTING ELECTRICAL	RIM		
	ĒA	EACH	RT RTG	RIGHT RIM TO GRADE	
	EG	EXISTING GRADE	R/W	RIGHT OF WAY	
	EL	ELEVATION ELEVATION	S	SLOPE	
	EP ESMT	EDGE OF PAVEMENT EASEMENT	SF SHT	SQUARE FEET SHEET	
	EX	EXISTING	SLP	SEE LANDSCAPE PLANS	N J
	(F) FC	FUTURE	SNS	STREET NAME SIGN	
	FC	FACE OF CURB	S.O.G.	SLAB ON GRADE	
	FF FG	FINISHED FLOOR FINISHED GRADE	SPP SSP	SEE PLUMBING PLANS SEE STRUCTURAL PLANS	
	FH	FIRE HYDRANT	STA	STATION	MARKET - VIATION
	FL	FLOW LINE	STD	STANDARD	
	FP	FINISHED PAVEMENT	SW	SIDEWALK	
	FT FTG	FEET FOOTING	T T&B	TELEPHONE TOP AND BOTTOM	
	G	GAS	TC	TOP OF CURB	PRODUCE MARKET G PROJECT ND ABBREVIATIONS
	GB	GRADE BREAK	TEMP	TEMPORARY	
	GE	GRATE ELEVATION	TP TH	TOP OF PAVEMENT	17 X A 81
	GND GR	GROUND GRADE	TW (TVD)	TOP OF WALL TYPICAL	
	HORZ	HORIZONTAL	(TYP) UG	UNDER GROUND	CO PR VING P D AND FRANCISCO
	HP	HIGH POINT	VERT	VERTICAL	
	ID IN		W/	WITH	
	IN INV	INCHES INVERT	w/o	WITHOUT	
	JB	JOINT BOX	W		ANCIS REPA EGENI
	JP	JOINT POLE	WH	WALL HEIGHT	
	JT	JOINT TRENCH			A A A A A A A A A A A A A A A A A A A
					AN TE
					IO SA
					" Ž
					I -



DRAFT - NOT FOR CONSTRUCTION



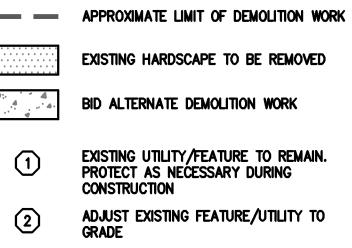
⑦ BKF Engineers



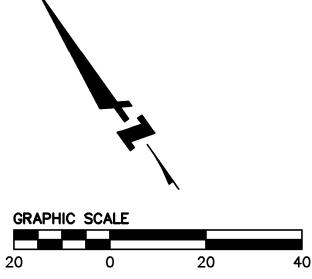
DEMOLITION NOTES

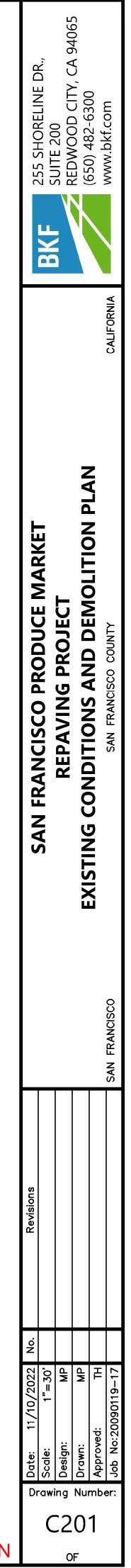
- 1. ALL EXISTING UTILITIES TO REMAIN AND PROTECT IN PLACE. EXISTING UTILITIES SHOWN ARE SCHEMATIC AND FOR REFERENCE ONLY.
- THIS PLAN SHOWS GENERAL LIMITS OF DEMOLITION AND DOES NOT RELIEVE THE CONTRACTOR FROM OTHER DEMOLITION WORK NECESSARY TO INSTALL NEW SITE WORK, PAVING, ETC.
- 3. REFER TO PAVING PLAN FOR LIMITS OF PROPOSED PAVING. REPLACE EXISTING WHEEL STOPS WITHIN LIMITS OF PROPOSED PAVING.
- 4. ALL (E) TREES TO REMAIN. CONTRACTOR SHALL TAKE SPECIAL CARE/PROTECTION TO LIMIT DAMAGE TO ROOTS SYSTEMS AND TRUNKS OF EXISTING PLANTS TO REMAIN.
- 5. REFER TO STRIPING PLAN FOR LIMITS OF PROPOSED STRIPING. ALL EXISTING STRIPING STRIPING IN CONFLICT WITH PROPOSED STRIPING SHALL BE REMOVED.
- 6. ALL EXISTING SIGNS TO REMAIN UNLESS OTHERWISE NOTED.
- ADJUST (E) UTILITY STRUCTURES WITHIN LIMITS OF DEMO TO REMAIN TO FINISH GRADE.
- 8. ALL EXISTING FEATURES TO REMAIN UNLESS NOTED OTHERWISE.
- 9. AT LIMIT OF WORK LOCATIONS, SAWCUTS SHALL BE NEAT AND SQUARE. SAWCUTS IN CONCRETE SHALL BE AT EXISTING JOINTS OR SCORE MARKS.
- 10. PROTECT ALL (E) BUILDINGS/STRUCTURES AND VERIFY BUILDING/STRUCTURE FOUNDATION WILL NOT BE IMPACTED BY DEMOLITION ACTIVITIES.
- PRIOR TO COMMENCING ANY WORK, EXCEPT FOR (E) JERROLD AVENUE ROADWAY STRIPING, CONTRACTOR TO 11. DOCUMENT LOCATION OF ALL (E) PARKING STRIPE AND WHEEL STOPS FOR RESTORATION.



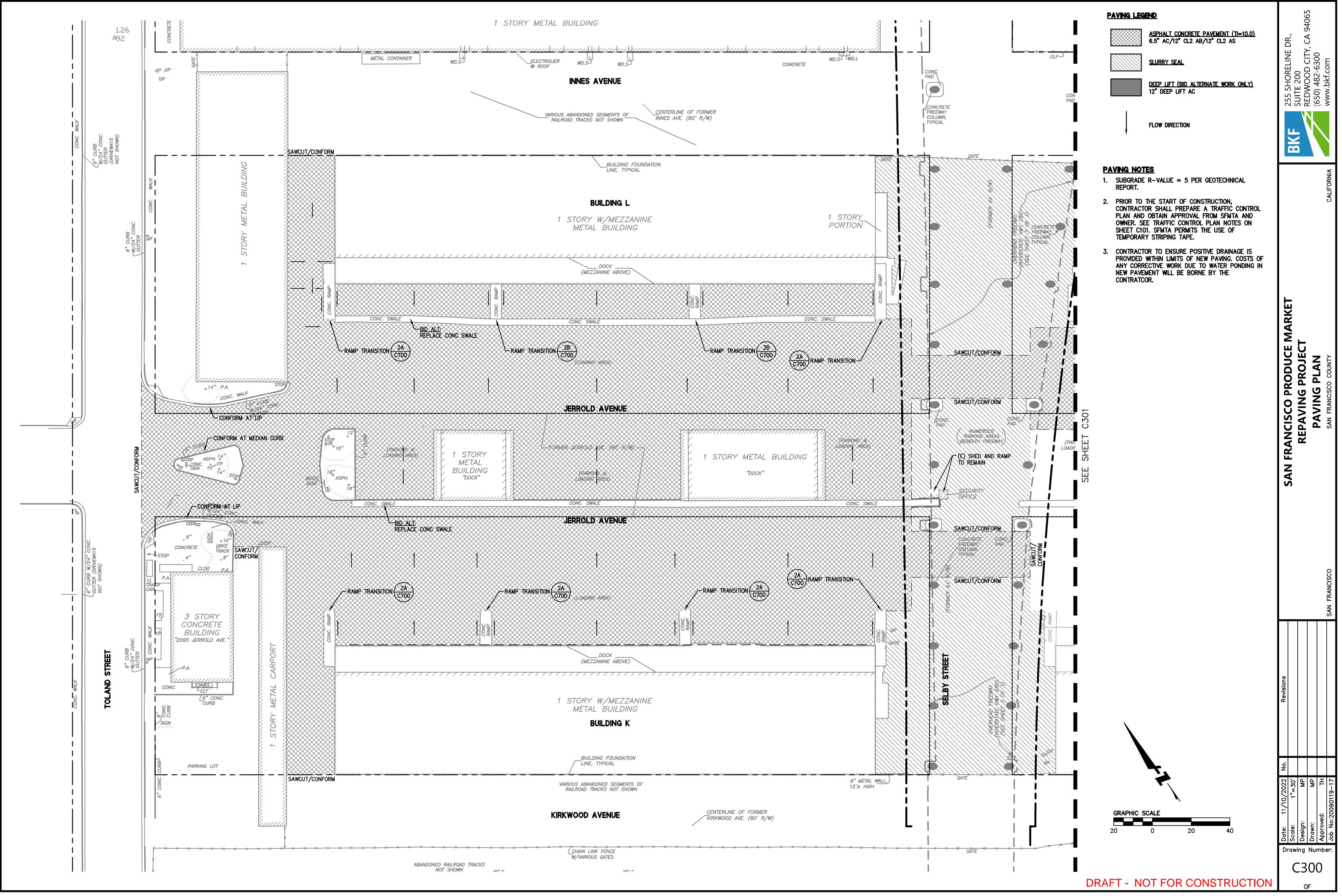


(3) EXISTING FEATURE TO BE REMOVED

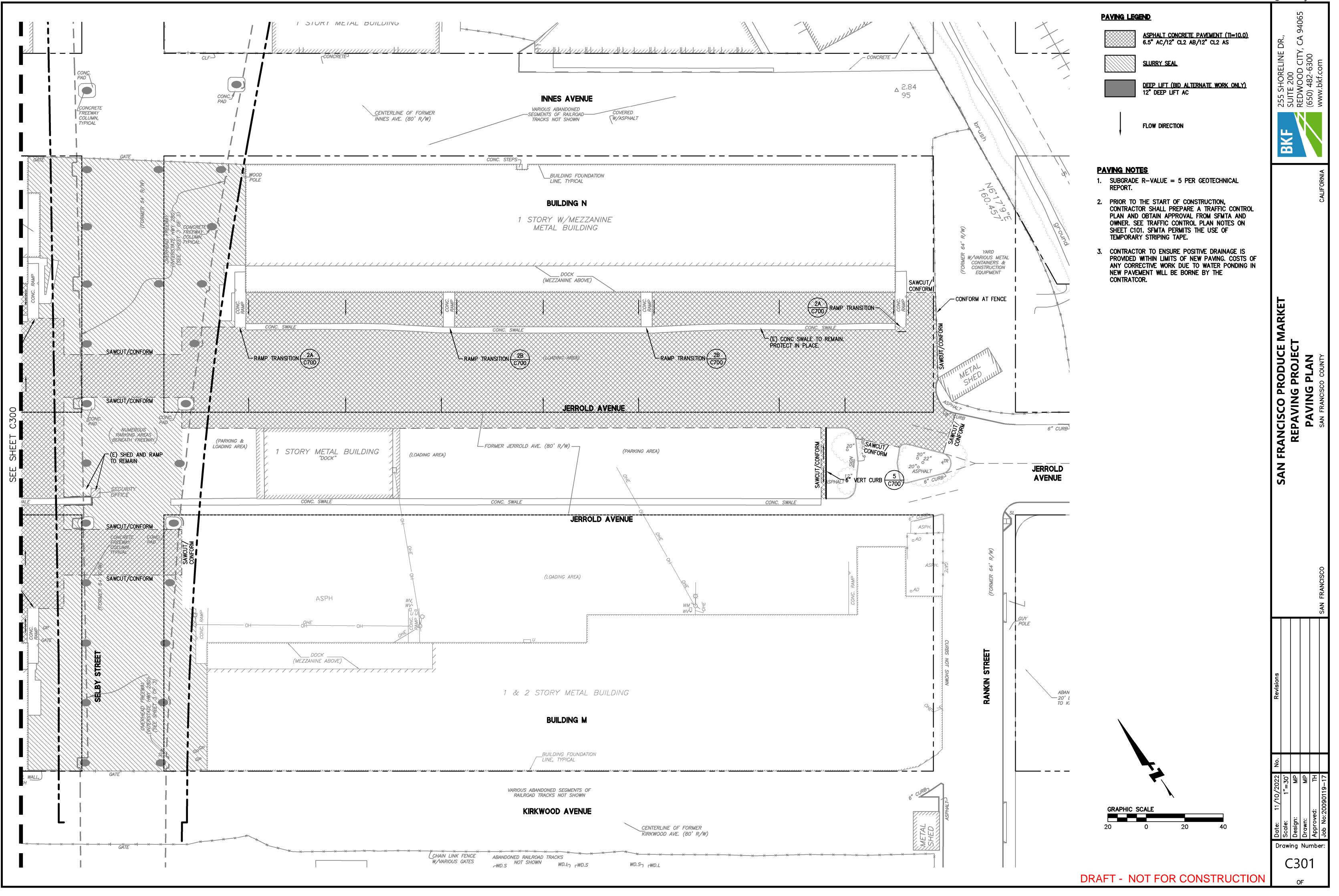




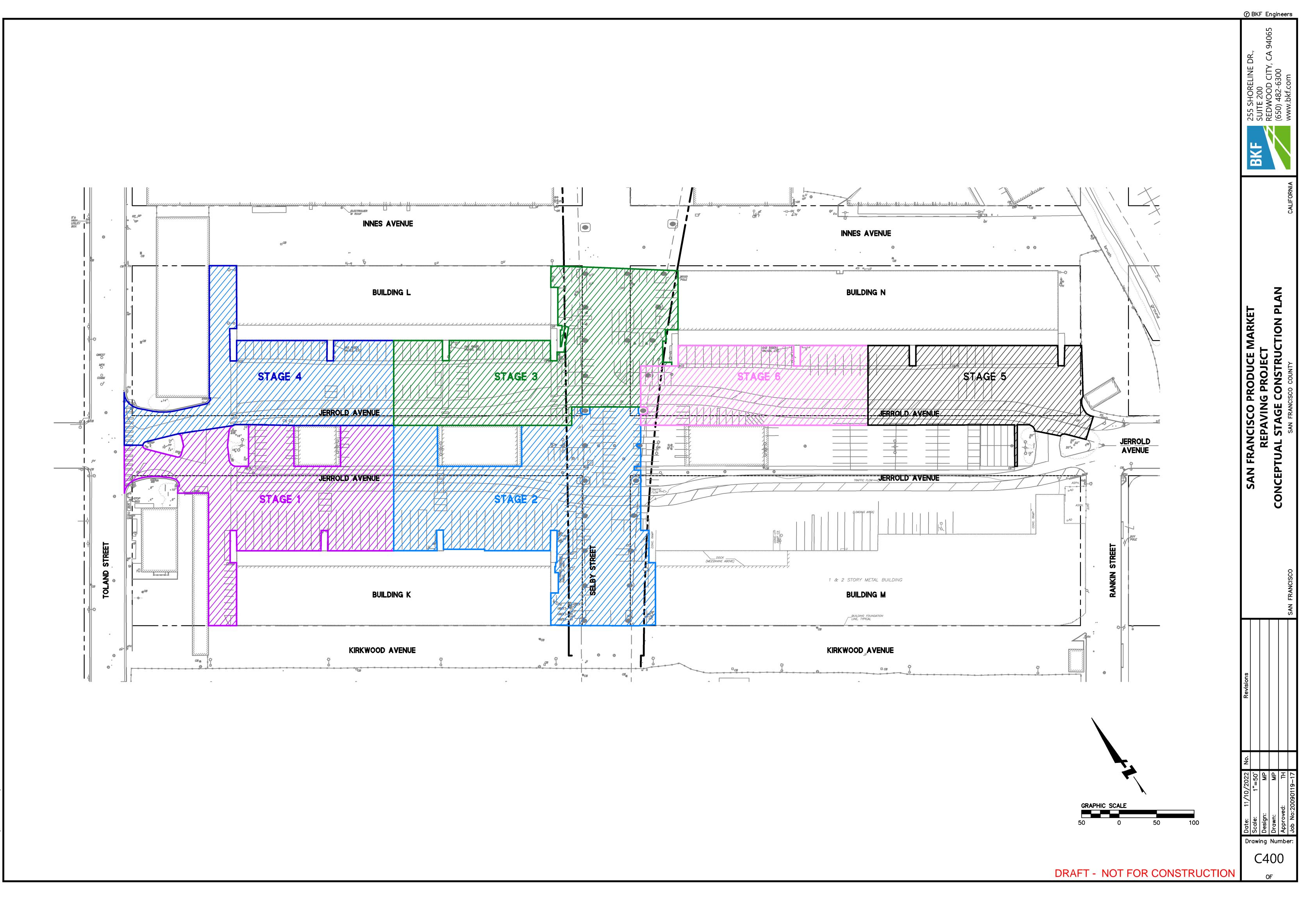
() BKF Engineers



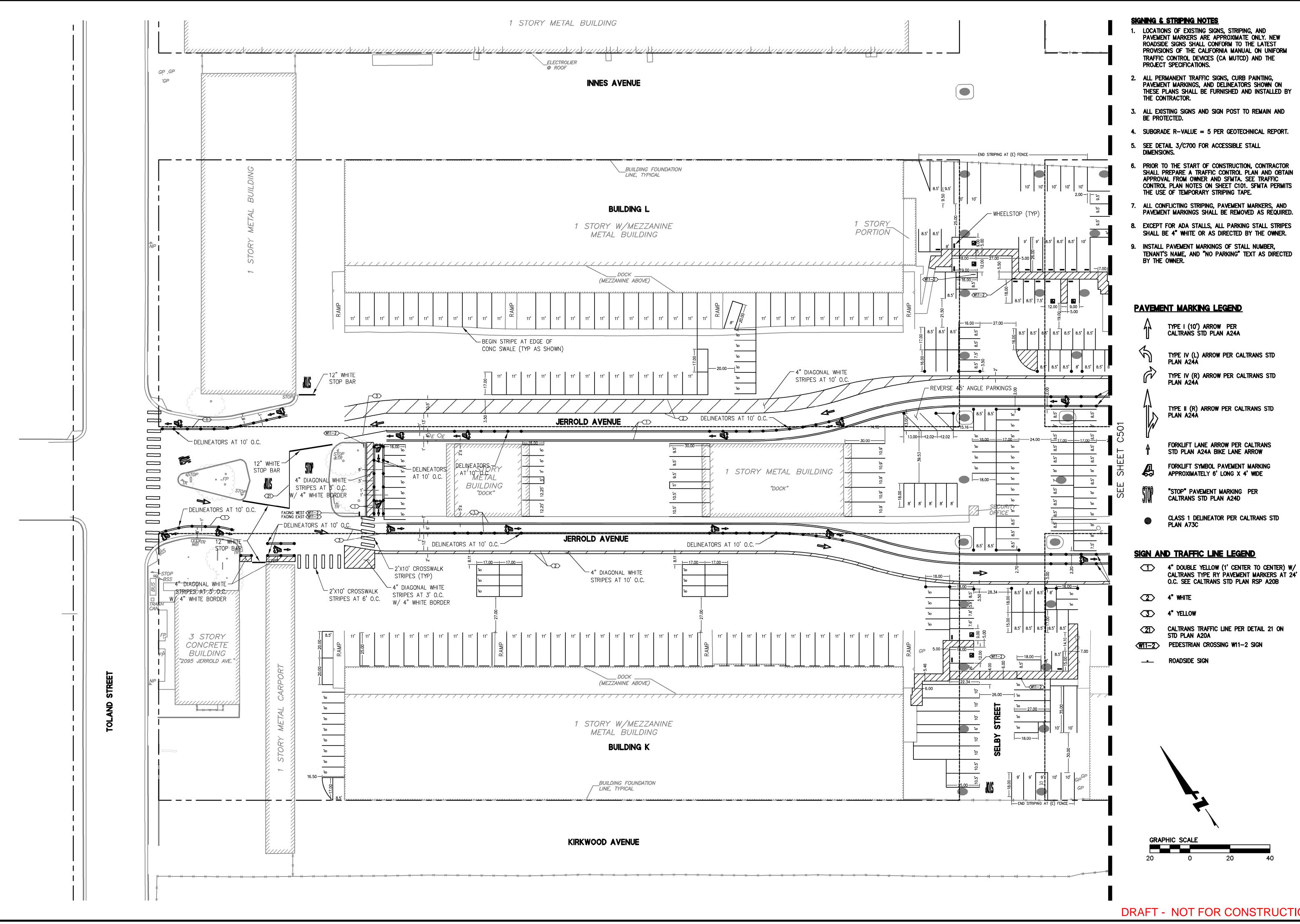
BKF Engineers



AWING NAME: K:\Eng06\060119-16\ENG\SHEETS\Paving\SFM-PAV-C300 0T TIME: 11-10-22 1:20pm PLOTTED BY: poon **OBKE** Engineers



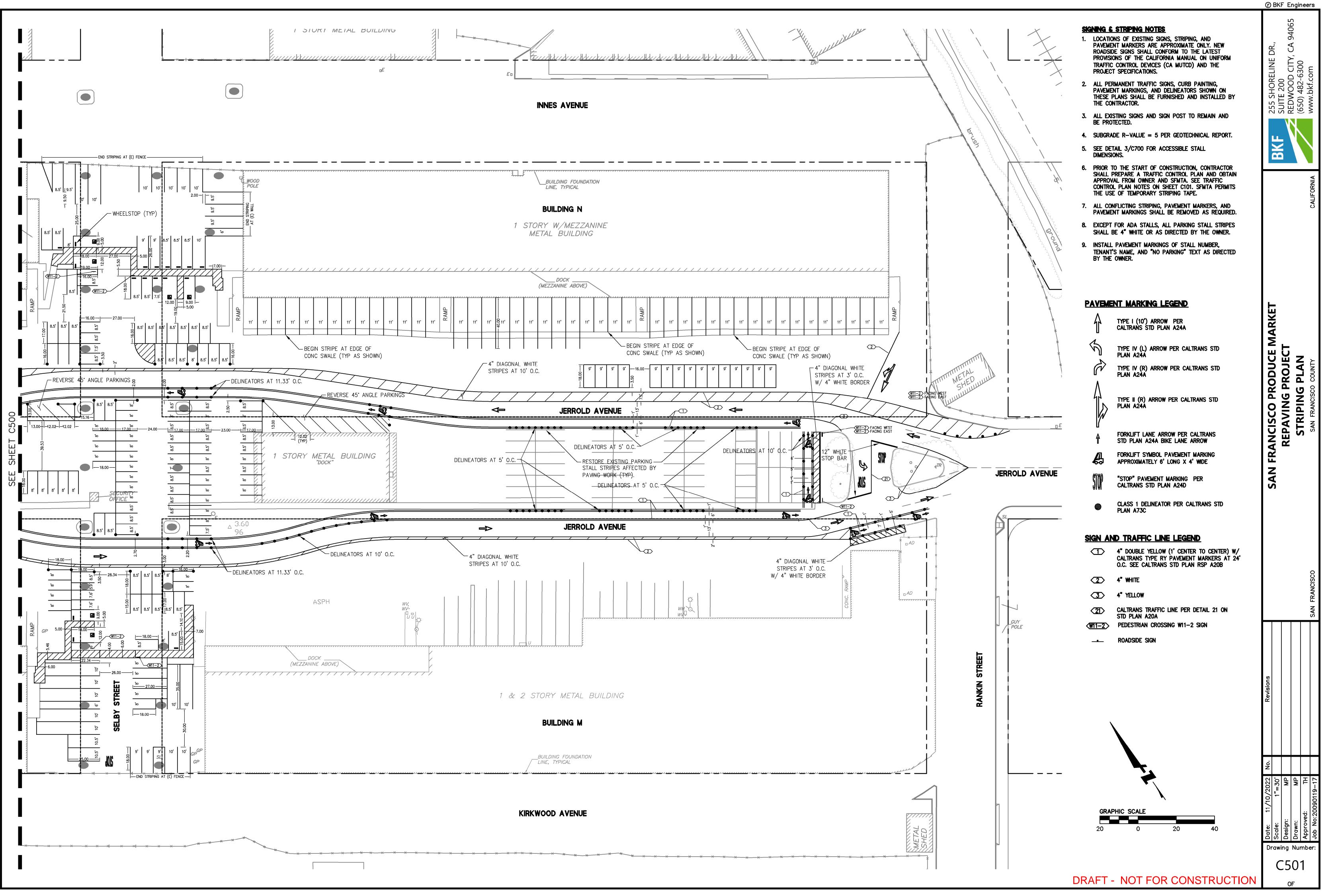


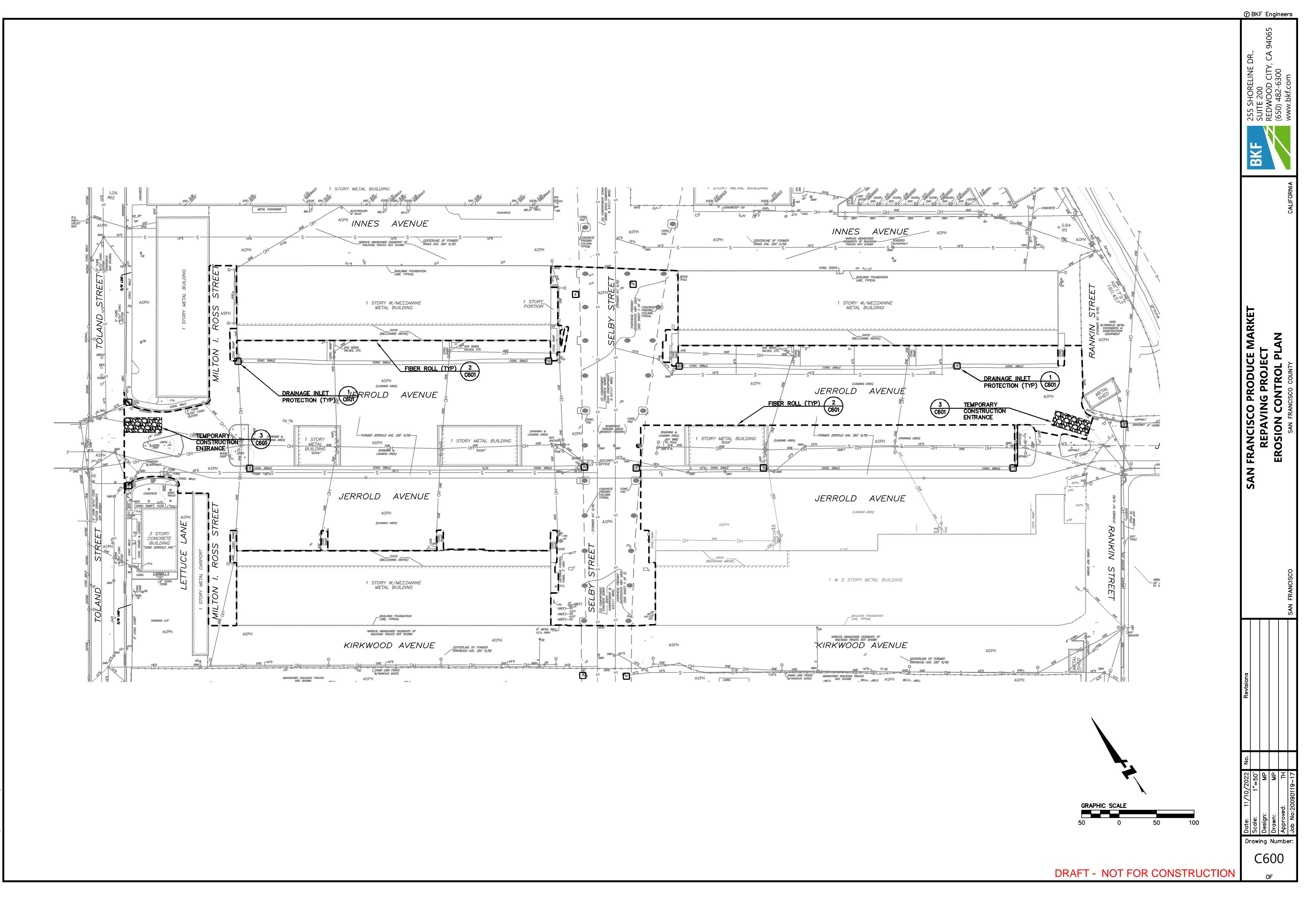




() BKF Engineers

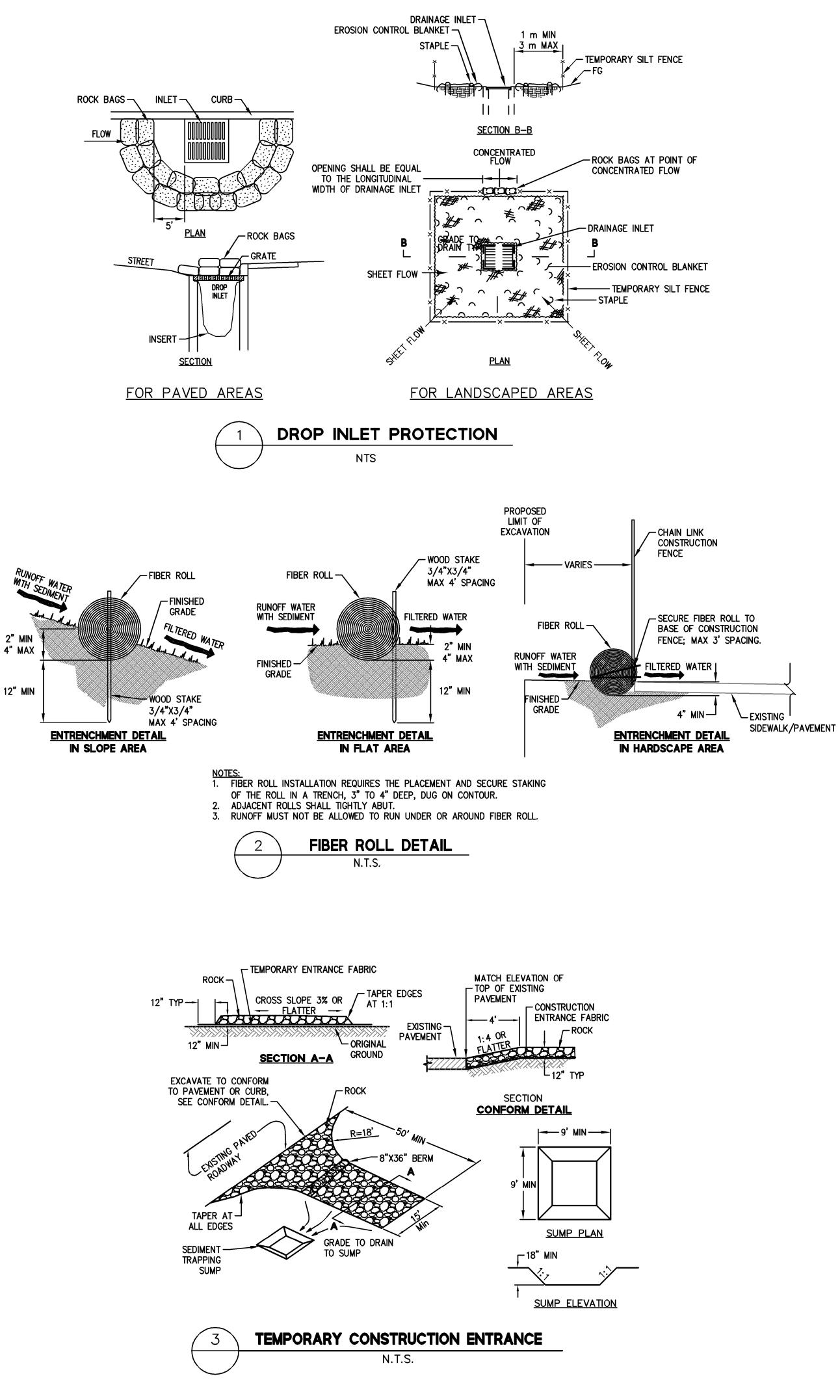
40





EROSION CONTROL NOTES

- THIS PLAN MAY NOT COVER ALL THE SITUATIONS OR 1. PHASES THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING SEDIMENT STORM RUNOFF FROM LEAVING THE SITE. SEDIMENT ROLLS AND SILT FENCES SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE GRADING PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED WITH THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
- EROSION CONTROL FACILITIES SHALL BE MAINTAINED 2. DAILY. THESE FACILITIES SHALL CONTROL AND CONTAIN EROSION-CAUSED SILT DEPOSITS AND PROVIDE FOR THE SAFE DISCHARGE OF SILT FREE STORM WATER INTO EXISTING AND PROPOSED STORM DRAIN FACILITIES. DESIGN OF THESE FACILITIES MUST BE APPROVED AND UPDATED EACH YEAR BY THE ENGINEER (OCTOBER 1 TO APRIL 15).
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL 3. BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE PROVISIONS OF THE ENGINEERING DIVISION OF THE PUBLIC SERVICES DEPARTMENT OR CITY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS. CONTROL MEASURES ARE SUBJECT TO THE INSPECTION AND APPROVAL OF THE ENGINEERING DIVISION OF THE PUBLIC SERVICES DEPARTMENT OR CITY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS ND SUPPLIERS ARE AWARE OF ALL STORM WATER QUALITY MEASURES & IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED CONSTRUCTION WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS AND/OR A PROJECT STOP ORDER.
- 5. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF TO ANY STORM DRAIN SYSTEM.
- 6. IF EXISTING DRIVEWAY IS REMOVED DURING CONSTRUCTION, THE CONTRACTOR SHALL PLACE DRAIN ROCK AS A GRAVEL ROADWAY (8" MINIMUM THICKNESS FOR THE FULL WIDTH AND LENGTH OF SITE EGRESS AREA AS DEFINED IN THESE PLANS) AT THE ENTRANCE to the site.
- 7. DURING THE RAINY SEASON, ALL PAVED AREAS ARE TO BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE IS TO BE MAINTAINED SO AS TO MINIMIZE SEDIMENT RUNOFF TO ANY STORM DRAIN SYSTEM.
- 8. DURING PERIODS WHEN STORMS ARE FORECAST: A. EXCAVATED SOILS SHOULD NOT BE PLACED IN
- STREETS OR ON PAVED AREA. ANY EXCAVATED SOILS SHOULD BE REMOVED FROM В.
- THE SITE BY THE END OF THE DAY. WHERE STOCKPILING IS NECESSARY. USE A C.
- TARPAULIN OR SURROUND THE STOCKPILED MATERIAL WITH FIBER ROLLS. GRAVEL SEDIMENT BARRIER, SILT FENCE OR OTHER RUNOFF CONTROLS.
- D. USE INLET CONTROLS AS NEEDED (E.G. BLOCK & GRAVEL SEDIMENT BARRIER FOR STORM DRAIN ADJACENT TO THE PROJECT OR STOCKPILED SOIL.
- 9. THOROUGHLY SWEEP ALL PAVED AREAS EXPOSED TO SOIL EXCAVATION AND PLACEMENT.
- 10. STAND-BY CREWS SHALL BE ALERTED BY THE PERMIT APPLICANT OR CONTRACTOR FOR EMERGENCY WORK DURING RAINSTORMS.
- 11. AFTER OCTOBER 1ST TO APRIL 15TH, ALL EROSION CONTROL MEASURES WILL BE INSPECTED DAILY AND AFTER EACH STORM. BREACHES IN DIKES AND TEMPORARY SWALES WILL BE REPAIRED AT THE CLOSE OF EACH DAY AND WHENEVER RAIN IS FORECAST.
- 12. AS A PART OF THE EROSION CONTROL MEASURES, UNDERGROUND STORM DRAIN FACILITIES SHALL BE INSTALLED COMPLETE AS SHOWN ON THE IMPROVEMENT PLANS.
- 13. BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES TO THE SATISFACTION OF THE CITY ENGINEER.
- 14. SANDBAGS SHALL BE STOCKPILED ON SITE AND PLACED AT INTERVALS SHOWN ON EROSION CONTROL PLANS WHEN THE RAIN FORECAST IS 40% OR GREATER, OR WHEN DIRECTED BY THE INSPECTOR.
- 15. SANDBAGS REFERRED TO IN THE PRECEDING ITEMS MUST BE FULL. APPROVED SANDBAG FILL MATERIALS ARE SAND. DECOMPOSED GRANITE. AND/OR GRAVEL, OR OTHER MATERIALS APPROVED BY THE INSPECTOR.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING SAFETY OF VEHICLES OPERATING IN ROADWAY ADJACENT TO EROSION CONTROL FACILITIES.
- 17. AFTER RAINSTORMS CONTRACTOR SHALL CHECK FOR AND REMOVE SEDIMENT TRAPPED BY SANDBAGS AT STAGING AREA. REPLACE SANDBAGS IF DETERIORATION IS EVIDENT.
- 18. DUST CONTROL SHOULD BE PRACTICED ON ALL CONSTRUCTION SITES WITH EXPOSED SOIL AS NEEDED. IT IS IMPORTANT IN WINDY OR WIND-PRONE AREAS. DUST CONTROL IS CONSIDERED A TEMPORARY MEASURE AND AS AN INTERMEDIATE TREATMENT BETWEEN SITE DISTURBANCE AND CONSTRUCTION. PAVING. OR REVEGETATION. REFER TO EROSION CONTROL AND SEDIMENT CONTROL FIELD MANUAL, 3RD EDITION, PREPARED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, SAN FRANCISCO BAY REGION.

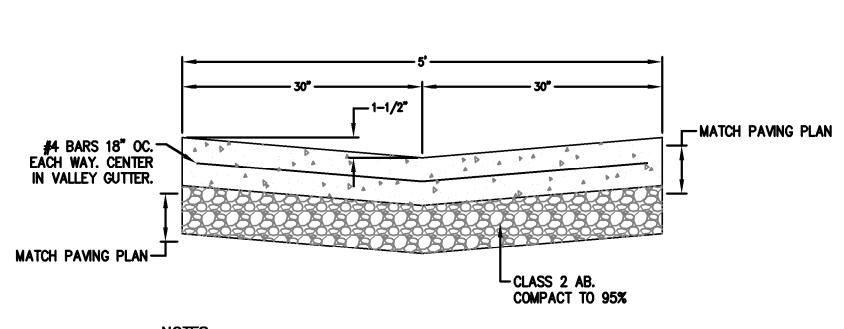


DRAFT - NOT FOR CONSTRUCTIC

					WWW.DKI.COIT
	CAN EDANCICO DOOLICE MADVET	DAIN FRANCISCO FROUCCE MARNEL	REPAVING PROJECT		SAN FRANCISCO SAN FRANCISCO COUNTY
	Revisions				SAN
N	д Date: 11/10/2022 No.	Scale: NTS	[6	Approved: TH	Ä Job No:20090119−17

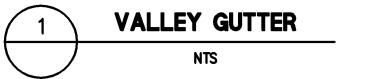
(r) BKF Engineers

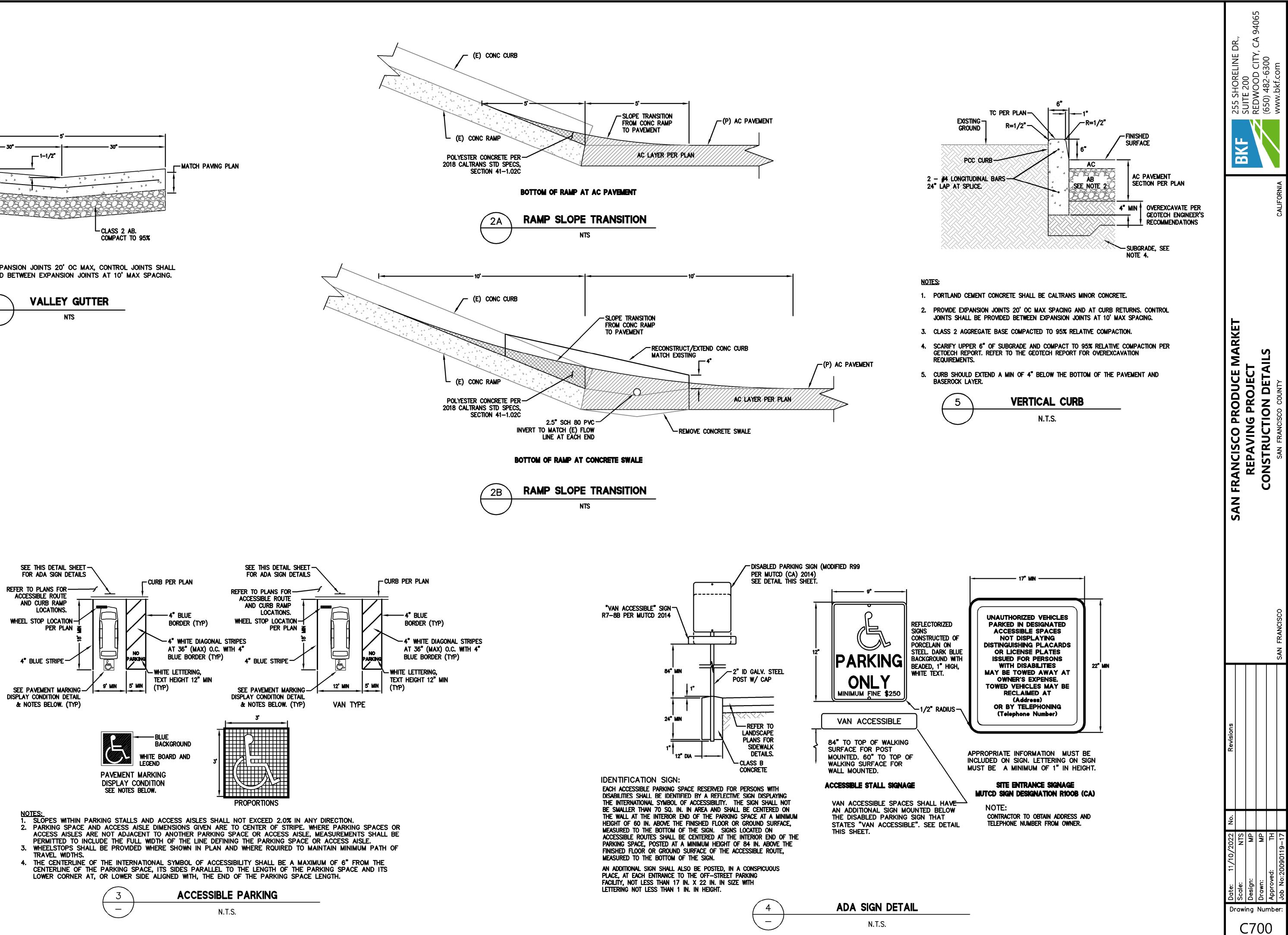
ഹ 00



NOTES:

1. PROVIDE EXPANSION JOINTS 20' OC MAX, CONTROL JOINTS SHALL BE PROVIDED BETWEEN EXPANSION JOINTS AT 10' MAX SPACING.





DRAFT - NOT FOR CONSTRUCTION

OF

⑦ BKF Engineers

OP Yard Pa	ket aving Project							
dder:	American Asphalt Repair & Resurfacing Inc.							
ate:	American Asphait Repair & Resurfacing Inc							
ate.		-						
CSI	Description		Totals	Notes				
01 1000	General Requirements			Removal of concrete & asphalt surface.				
02 4100	Demolition		\$ 353,500.00	Removal of concrete & asphart surface.				
31 2000	Subsurface		\$-	Non-Needed				
	Base prep		\$ 10,000.00	Re-compaction of exposed baserock mater below 5" surface removal.				
	Sealcoat		\$ 16,000.00	Slurry Seal of areas of non-replacement.				
				Repaving of all replacement areas with 5"				
	Paving		\$ 697,150.00	asphalt. Concrete swale replacements, trench plat				
31 1375	Concrete Curbs and Gutters		\$ 172,550.00	& polyester Concrete.				
31 1700	Parking Bumper & Pavement Markings		\$ 117,650.00	Thermoplastic striping & parking bumper				
	Subtotal of CSI Divisions		\$ 1,366,850.00					
	General Conditions		4 49 599 99	Traffic control plans, delineators &				
	Traffic Control Measures		\$ 12,500.00	barricades. GPR Scanning & Subgrade material testin				
	Sub-Grade Scanning & Sub-Grade Testing		\$ 2,500.00 \$ 23,750.00	Construction Site Prep, Enroachment Pern & Overall Grading Plan.				
	Erosion Control, City Permit & Grading Plan			& Overall Grading Plan.				
	Overhead and Profit (fee)		\$ 235,650.00 \$ 1,000.00					
		F.4.						
	Bollard Replacements	EA	\$ 1,250.00					
	Other mark-ups (provide background in notes column)							
	Construction Total		\$ 1,643,500.00					
Iternates A.7	1							
				12,191 Square Feet of Isolated 5" Repairs v be replaced as well as 22,005 Square Feet				
A.7	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N.		\$ 80,150.00					
	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N.		\$ 80,150.00	be replaced as well as 22,005 Square Feet Main Roadway.				
A.7	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N.			be replaced as well as 22,005 Square Feet				
A.7	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N.		\$ 80,150.00 \$ 11,550.00	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N.			be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N.			be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5"		\$ 11,550.00	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet)		\$ 11,550.00 \$ 3,850.00	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5"		\$ 11,550.00	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100" X 20" = 2,000 Square Feet) Installation of Speed Hump within Main Roadway		\$ 11,550.00 \$ 3,850.00	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet)		\$ 11,550.00 \$ 3,850.00	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note:	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee,		\$ 11,550.00 \$ 3,850.00	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note:	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100" X 20" = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. ns and Exclusions: Total number of working days for base scope (Paving		\$ 11,550.00 \$ 3,850.00 \$ 3,150.00 Concrete Swales 1-4,	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note:	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc.		\$ 11,550.00 \$ 3,850.00 \$ 3,150.00 Concrete Swales 1-4,	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note:	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100" X 20" = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. Ins and Exclusions: Total number of working days for base scope (Paving Sealcoat & Striping) to be 36 Days. If Concrete Swales on construction.	e to be inclu	\$ 11,550.00 \$ 3,850.00 \$ 3,150.00 Concrete Swales 1-4, ded add 8 more days of	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note: ualification	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. ns and Exclusions: Total number of working days for base scope (Paving Seakcoat & Striping) to be 36 Days. If Concrete Swales an construction. Concrete Swale Work Progression: Half of each stages s time. Day 1 = Demo & form setting. Trench plates to be	e to be inclu wale section securely ins	\$ 11,550.00 \$ 3,850.00 \$ 3,150.00 Concrete Swales 1-4, ded add 8 more days of to be worked on at a talked at end of day to	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note: ualification	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. ns and Exclusions: Total number of working days for base scope (Poving Sealcoat & Striping) to be 36 Days. If Concrete Swales an construction. Concrete Swale Work Progression: Half of each stages s time. Day 1 = Demo & form setting. Trench plates to be allow access for dock area the next night/day. Day installation & concrete pow. Trench plates stalled for installation & concrete pow. Trench plates stalled for	e to be inclu swale section e securely ins 2 = Trench p use at end o	\$ 11,550.00 \$ 3,850.00 \$ 3,850.00 \$ 3,150.00 Concrete Swales 1-4, ded add 8 more days of to be worked on at a talled at end of day to tate removal, rebar day. Allow for proper	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note: ualification	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100" X 20" = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. Ins and Exclusions: Total number of working days for base scope (Paving Sealcoat & Striping) to be 36 Days. If Concrete Swales an construction. Concrete Swale Work Progression: Half of each stages s time. Day 1 = Demo & form setting. Trench plates to be allow access for dock area the next night/ day. Day installation & Bornet pour. Trench plates italled for curing time. On Day 1 of next section baserock will be g and enable for constalled for	e to be inclu wale section e securely ins 2 = Trench p use at end o placed within	\$ 11,550.00 \$ 3,850.00 \$ 3,850.00 \$ 3,150.00 Concrete Swales 1-4, ded add 8 more days of to be worked on at a talled at end of day to tate removal, rebar day. Allow for proper	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note: ualification 1.	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100" X 20" = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. Insurance, etc. Installation of Speed Hump within Main Roadway Concrete Swale Work Progression: Half of each stages s time. Day 1 = Demo & form setting. Trench plates to be allow access for dock area the next night/day. Day, installation on Day 1 of next section baserock will be and aspholit for opening up to vec If it is determined that there are subgrade areas within to	e to be inclu wale sectior securely ins 2 = Trench p use at end o, laced within hicle traffic. he market ti	S 11,550.00 S 3,850.00 S 3,850.00 S 3,150.00 Concrete Swales 1-4, ded add 8 more days of to be worked on at a talled at end of day to talte removal, rebar id ay, Allow for proper gap along new gutter vat may be deemed too	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note: ualification 1.	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. Ins and Exclusions: Total number of working days for base scope (Paving Sealcoat & Striping) to be 36 Days. If Concrete Swales an construction. Concrete Swale Work Progression: Half of each stages s time. Day 1 = Demo & form setting. Trench plates to be allow access for dock area the next night/ day. Day installation & concrete pour. Trench plates tabled for curing time. On Day 1 of next section baserock will be g if it is determined that there are subgrade areas within t Soft for proper compaction and additional subgrade tree additional work may be applied. SF Produce Market will known ites in the field whire day.	e to be inclu wale section securely ins 2 = Trench p use at end o laced within hicle traffic. he market th tment is nee be made im.	S 11,550.00 S 3,850.00 S 3,850.00 S 3,150.00 Concrete Swales 1-4, ded add 8 more days of table dat 8 more days of tabled at end of day to tate removal, rebar iday. Allow for proper gap along new gutter iat may be deemed too ded a change order for iat may be deemed too ded a change order for	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				
A.7 A.8 A.10 A.11 Note: ualification 1.	Exclusion of 24,001 Square Feet of 5" Asphalt Replacement at Building N. Inclusion of 36,192 Square Feet of Sealcoat at Building N. Inclusion of Main Roadway increase in thickness from 5" to 6" replacement (100' X 20' = 2,000 Square Feet) Installation of Speed Hump within Main Roadway All Alternates to be fully loaded with burden of GC, Fee, Insurance, etc. Ins and Exclusions: Total number of working days for base scope (Paving Sealcoat & Striping) to be 36 Days. If Concrete Swales an construction. Concrete Swale Work Progression: Half of each stages s time. Day 1 = Demo & form setting. Trench plates to be allow access for dock area the next night/ day. Day installation & concrete pour. Trench plates tabled for curing time. On Day 1 of next section baserock will be g if it is determined that there are subgrade areas within t Soft for proper compaction and additional subgrade tree additional work may be applied. SF Produce Market will known ites in the field whire day.	e to be inclu wale section securely ins 2 = Trench p use at end o laced within hicle traffic. he market th tment is nee be made im.	S 11,550.00 S 3,850.00 S 3,850.00 S 3,150.00 Concrete Swales 1-4, ded add 8 more days of table dat 8 more days of tabled at end of day to tate removal, rebar iday. Allow for proper gap along new gutter iat may be deemed too ded a change order for iat may be deemed too ded a change order for	be replaced as well as 22,005 Square Feet Main Roadway. 36,192 Square Feet of Building N Loadin				

+ 2325 Third Street #206 San Francisco, CA 94107 Tel 415.621.1799 Fax 415.621.1798

ATTACHMENT 4 - DESCRIPTION OF ARCHITECTURAL SERVICES

PROJECT NAME: SF Market Redevelopment Project – 1900 Kirkwood Avenue

DATE

04.24.23

SUBMITTED TO

Michael Janis General Manager

The SF Market

SUBMITTED BY

Brian Liles, AIA Principal

PAGES

12

PROJECT LOCATION: 1900 Kirkwood Avenue, San Francisco, CA

Jackson Liles Architecture is pleased to submit this Proposal for Professional Services (the Proposal) to assist the SF Market (the Client) with the design of a new building on your Main Site in San Francisco, CA.

We have based this Proposal on our previous project work with the SF Market, our work to date on the 1900 Kirkwood site, our conversations with the Client team and our past work on similar projects.

The Proposal provides an overview of the Project Objectives, a summary of the necessary Scope of Work for the Project, and a specific set of architectural services required for the design of the Project. We believe we have a good understanding of your desired outcome, as well as the steps necessary to accomplish a successful Project.

PROJECT PARAMETERS

The Project includes the construction of a new building fit out to a core and shell level and associated site improvements at 1900 Kirkwood Avenue, a site in the southeast quadrant of the SF Market's Main Site. The expected improvements are outlined below.

Off-site horizontal improvements include construction of new sidewalks, curbs, gutter, street trees, street paving, and replacement of street paving where required for utilities.

On-site horizontal improvements include utilities, paving and grading, parking and accessible ramps and stormwater provisions (compliant with SFPUC standards).

Vertical improvements include the construction of one (1) building. The building is a one (1) story Type V-B fully sprinklered building of approximately 68,250 gross square feet. The building is primarily a S-2 occupancy with access B occupancy in limited areas of the building The building is approximately 38' to the highest roof, not including mechanical screens.

Vertical improvements for the project consist of the construction of a new building with the following attributes:

- A. One new approximately 68,250 sf building with a clear height of approximately 27' high, to include the following programmatic areas:
 - 1. Core and shell construction appropriate for a multi-tenant building. The building is anticipated to hold between 2 -5 tenants.
 - 2. Tenant space shall be designed to accommodate future users who are engaged in the fresh food storage and distribution business. The core and shell space is anticipated to be delivered to tenants for their future build out in a warm shell condition (warehouse to be ventilated only).
 - 3. The building will be occupied by several programmatic components that serve the Market wide use as outlined below.

Proposal for Architectural Services

- Food Recovery Center
- Specialized Refuse Management Area
- Operations office
- B. The building is to be fire sprinklered throughout with a NFPA 13 compliant system.
- C. The project sustainability goals include:
 - a. Title 24 compliance
 - b. The building will be LEED Gold Certified, as the primary measure of sustainability
 - c. The building will meet the appropriate SFGBC requirements.
- D. The Owner will be responsible for the following consultants:
 - a. Surveying
 - b. Geotechnical Engineering
 - c. Hazardous Materials testing (as required)
 - d. Special Inspections
 - e. Utility provider coordination dry utility consulting
 - f. PG&E interface
 - g. Permit Expeditors
 - h. AV/ Low Voltage/ Security
- E. This proposal assumes that the General Contractor will engage the following
 - design/ build subcontractors that will coordinate with JLA and the design team:
 - a. Fire Alarm
 - b. Fire Sprinklers
 - c. Cold Storage
 - d. High-Bay Racking
 - e. PV system
 - f. Electric Vehicle charging systems

PROJECT OBJECTIVES

The overall objective of the Project is the design and construction of a new warehouse suitable for use by merchants (tenants) of the SF Market. The specific architectural project scope of work includes:

- A. Provide a unified design from Kirkwood Avenue to the loading dock to reflect the nature, mission, and energy of the SF Market
- B. Provide staff spaces that are functional, durable, and inspiring including the Food Recovery Center and Specialized Refuse Management Area
- C. Provide an efficient, functional and worker-safe warehouse area
- D. Provide a well-orchestrated volunteer experience from the entry into the building, to the Food Recovery volunteer work areas, to the support spaces
- E. Provide a recognizable identity for the building which reflects the SF Market's mission and values
- F. Provide a design which is responsive to life cycle costs, including maintenance and replacement costs.

This scope of work will be implemented through the steps and phases outlined below as Basic Services. Design is an iterative process, and the phases outlined below will often overlap as part of the design process.

BASIC SERVICES

Proposal for Architectural Services

The JLA proposed Scope of Basic Services are as noted in ATTACHMENT A: SCOPE OF BASIC ARCHITECTURAL SERVICES.

ASSUMPTIONS & CLARIFICATIONS

The following are assumptions and clarifications that form the basis of this Proposal:

- 1. The Proposal is based on a construction budget of \$35,000,00 to \$40,000,000.
 - JLA has previously provided professional services for this project; these services are not included in the fees included in this proposal. The fees included in this proposal will begin to be utilized with the billing cycle starting with services provided in May 2023.
 - 3. Proposal assumes that the design and documentation process will be completed within 1.5 years of the start of services, and that the duration of construction will be 14 months.
 - Proposal assumes a General Contractor will be pre-selected based on qualifications and will provide pre-construction services starting no later than 50% Design Development.
 - 5. JLA will utilize Revit, a 3D BIM (Building Information Management) software for our projects.
 - 6. Meetings or Presentations with the local building authority that are not outlined in the Proposal will be provided as an additional service.
 - 7. Change in the original scope of services or additional work requested, including any rework of, or changes in, previously approved work will be provided as an additional service.
 - 8. Consulting services required due to changes in and/or reinterpretation of conditions not previously apparent, and/or engineering, zoning requirements or building codes will be provided as an additional service.
 - 9. Additional meetings with the project team other than those outlined in this Proposal will be provided as an additional service.
 - 10. Fee includes the services of engineering disciplines specifically listed, no other engineering or consultant services are included.
 - 11. The proposal includes services for the Core and Shell design and construction of the 1900 Kirkwood. The Proposal does not include services supporting the tenanting of the building and/or supporting the SFM and potential tenants in exploring their potential tenancy in the building.
 - 12. The Proposal does not include services related to the development or implementation of the SFM's Reinvestment Plan as a whole including assisting in the development of the design of the surrounding roadways and seeking a Final Parcel map.
 - 13. JLA will develop a conceptual design for exterior signage. The Proposal assumes that a graphic designer or signage vendor will further develop the design concept to provide technical drawings and specifications for signage fabrication.
 - 14. JLA will coordinate code required interior building signage with the selected signage contractor. This coordination will include numbering and naming systems, classification of room and signage types and general coordination of signage system with finishes.
 - 15. JLA services include general coordination and sizing of donor recognition elements. The Proposal assumes that a graphic designer or signage vendor will be the lead designer of the donor recognition elements and that Jackson Liles

Proposal for Architectural Services

Architecture will coordinate with this designer to ensure that donor recognition elements are integrated seamlessly with the finishes of the building.

- 16. JLA does not provide selection, specification or coordination of computers, IT equipment, phone systems, security systems, access control, camera monitoring or any type of AV systems. We can assist in identifying consultants to design these systems, if needed.
- Proposal assumes survey for the site will be provided by the Client and will include topography, legal boundaries, easements, the location of underground and above ground utilities, any ground level features, and overhead obstructions.
- 18. Proposal assumes the project will be granted a Categorical Exemption to the California Environmental Quality Act.
- 19. The Proposal assumes the review of the Project by the Planning Department will not require a Conditional Use Permit, Variance, or other similar out of standard approval process.
- 20. Any services related to the identification and removal of hazardous materials are specifically excluded from these services.
- 21. It is assumed that we will have ready access to the site when needed during the design and construction of the Project, and reasonable access for photographing the project at the completion of construction.
- 22. Note that we do not have control over construction costs, market forces or material shortages and cannot guarantee that a design that meets your programmatic needs can be constructed for a specific budget amount. We will work with you to create a functional, durable, and cost-efficient project.
- 23. Note that no permit fees, entitlement fees, application fees, or fees paid to government authorities are included in this Proposal.

FORM OF AGREEMENT

This Proposal is provided as Exhibit A to a B101-2017 AIA Standard Form of Agreement between Owner and Architect which has been modified to meet the project needs.

TERMS OF AGREEMENT

A. FEE FOR BASIC SERVICES

JLA will provide the Basic Services as defined above for a lump sum fee of One Million Seven Hundred Thousand dollars (\$1,700.00). The lump sum fee will be invoiced monthly on a percentage complete basis. The total lump sum fee is comprised in a number of phases and disciplines which are demonstrated in the following TABLE FEE FOR BASIC SERVICES.

The SF Market 1900 Kirkwood Avenue San Francisco, CA

Proposal for Architectural Services

Total F – FFF FOR BASIC SERVICES	75,600	453,700	667,000	37,500	466,200	1,700,00
Consultant subtotal	75,600	226,200	362,000	13,500	175,300	852,60
LEED Modeling	5,250	5,250	0	0	0	10,50
Commissioning	0	0	0	0	30,000	30,00
Consulting	0	28,000	24,500	0	17,500	70,00
LEED						
T-24 Modeling	2,750	2,750	0	0	0	5,5
Envelop - Waterproofing	0	2,800	28,000	0	14,000	44,8
FA D/B standards	750	1,250	1,750	0	1,250	5,0
FS D/B standards	750	1,250	1,750	0	1,250	5,0
MEP Commissioning	0	0	33,000	0	2,000	35,0
Plumbing	5,000	21,000	24,000	1,000	9,000	60,0
Lighting Design	3,000	6,000	7,000	0	2,000	18,0
Electrical	9,000	37,000	42,000	1,000	15,000	104,0
Electrical						
Mechanical	10,000	38,000	45,000	1,000	16,000	110,0
Structural Engineering ⁴	15,000	30,000	55,000	5,000	30,000	135,0
Landscape Architecture ³	0	18,000	32,000	2,000	4,000	56,0
Civil Engineering ²	24,100	34,900	68,000	3,500	33,300	163,8
Architecture	-	227,500	305,000	24,000	290,900	847,4
line	SD	DD	CD	Permit/Bid	CA	Та

TABLE – FEE FOR BASIC SERVICES

Notes

- 1. The following consultants are included within the Architectural Fee carried by JLA
- 2. The following consultants are included within the Architectural Fee carried by JLA
- 3. Landscape fee is a placeholder until scope of work is confirmed and is based on Site Permit drawings
- 4. SE feed includes separating design in to 2 Addenda, foundation and remaining superstructure.

B. CONSULTANTS FEES

The following services are included in the fee estimate above:

- Civil Engineering Structural Engineering
- MEP Engineering Basic Services
- MEP Title 24 Commissioning, systems to include:
 - HVAC system and controls
 - Domestic Hot Water
 - Daylighting Controls
 - Occupancy Sensors
 - Lighting Controls
- MEP Title 24 Performance Energy Model
- Fire Sprinkler Design Build specifications
- Fire Alarm Design Build specifications
- Landscape Architecture
- LEED design phase services

The SF Market 1900 Kirkwood Avenue San Francisco, CA

Proposal for Architectural Services

We look forward to your comments and welcome any questions about this Proposal for our services. Again, we are very excited about the potential of working with you on this exciting Project. Please call me with any questions at (415) 621.1799.

Sincerely,

Approved:

Brian Liles, AIA, LEEP AP Principal

Jackson Liles Architecture CA Architecture License # C-27249 Michael Janis General Manager

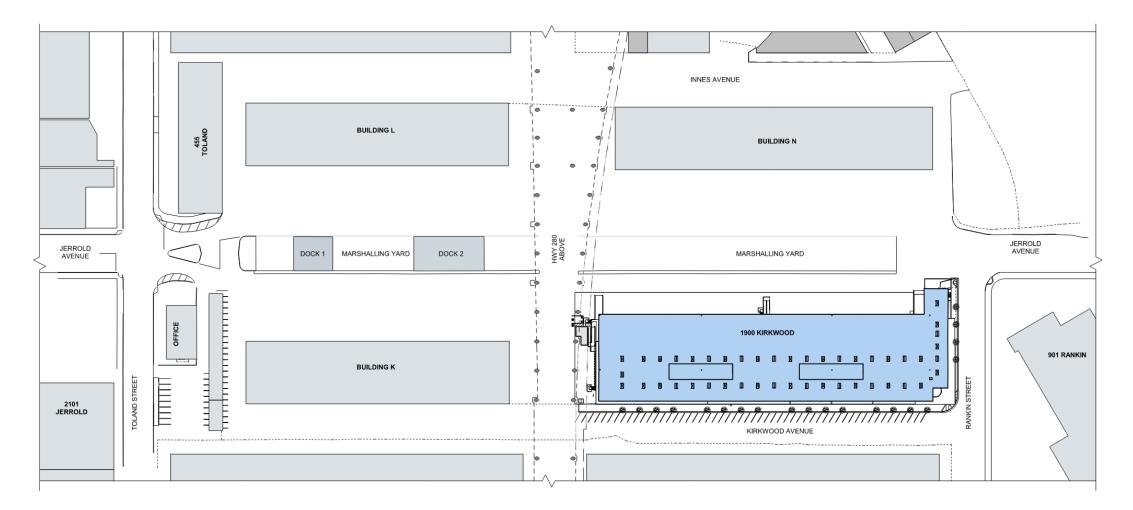
2095 Jerrold Avenue San Francisco, CA 94124

Date 04.24.23

Date:_____

Architects are licensed and regulated by the California Architects Board located at 2420 Del Paso Road, Suite 105, Sacramento, CA 95834

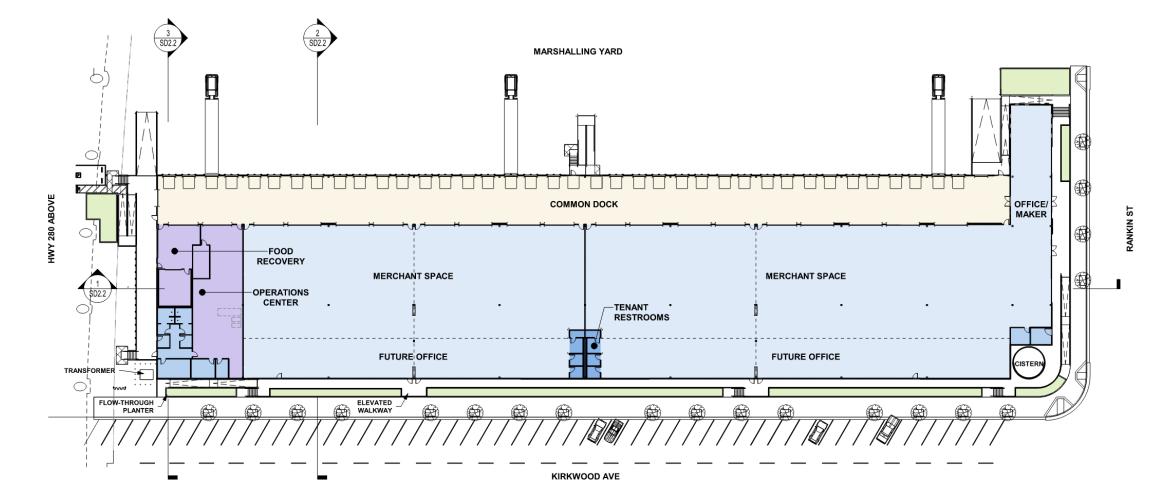
ATTACHMENT 5 - Conceptual Design







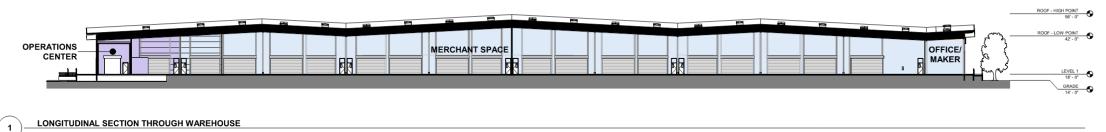
Design Overview



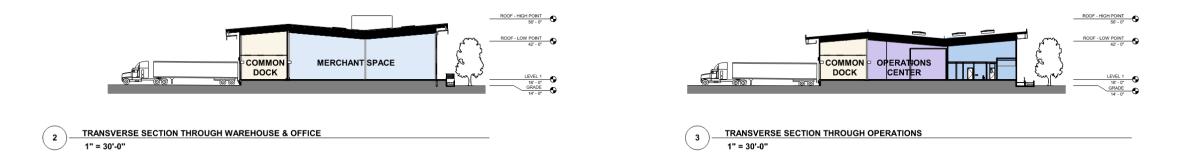




Design Overview



1" = 30'-0"







Design Overview

