COUNTY OF SANTA CRUZ PLANNING DEPARTMENT 701 Ocean Street, 4<sup>th</sup> Floor Santa Cruz, CA 95060 (831) 454-2580

#### NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

### APPLICATON NUMBER: 181129 APN: 042-222-16

Proposal to construct a pin pile retaining wall to repair a storm damaged site. Requires a Coastal Development Permit.

The project is located at the western end of Burnham Court (204 Burnham Court), approximately 200 feet northeast from Rio Del Mar Boulevard.

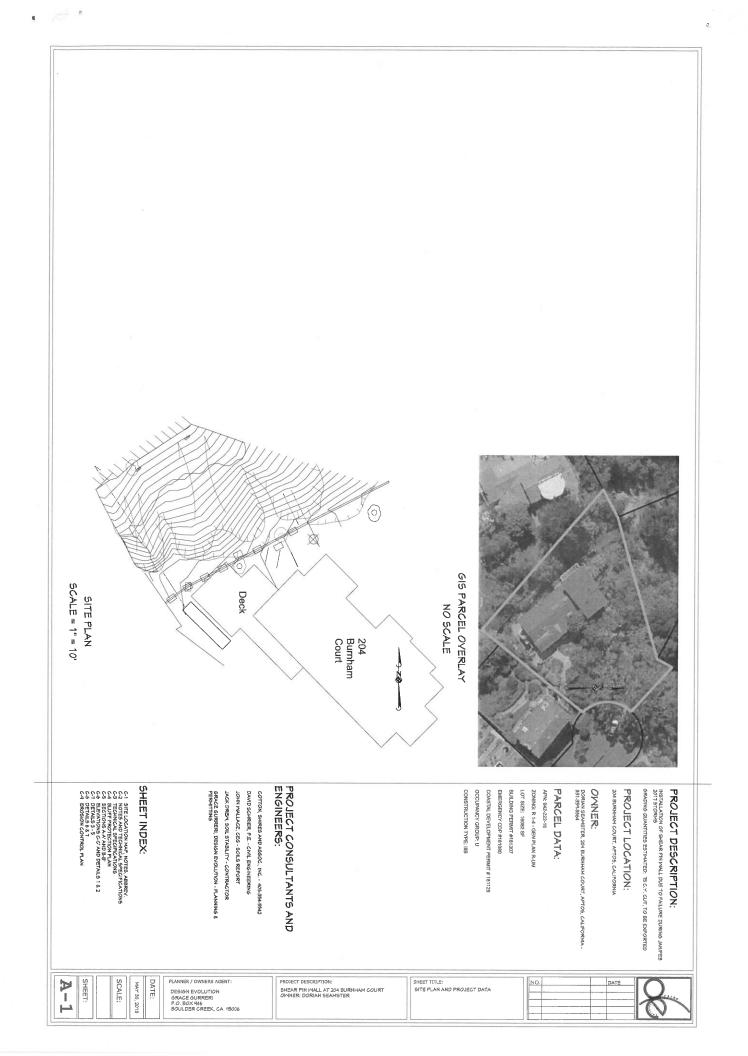
OWNER: Dorian Seamster APPLICANT: Grace Gurreri SUPERVISORIAL DISTRICT: 2 PLANNER: Elizabeth Hayward, (831) 454-3529 EMAIL: Elizabeth.Hayward@santacruzcounty.us

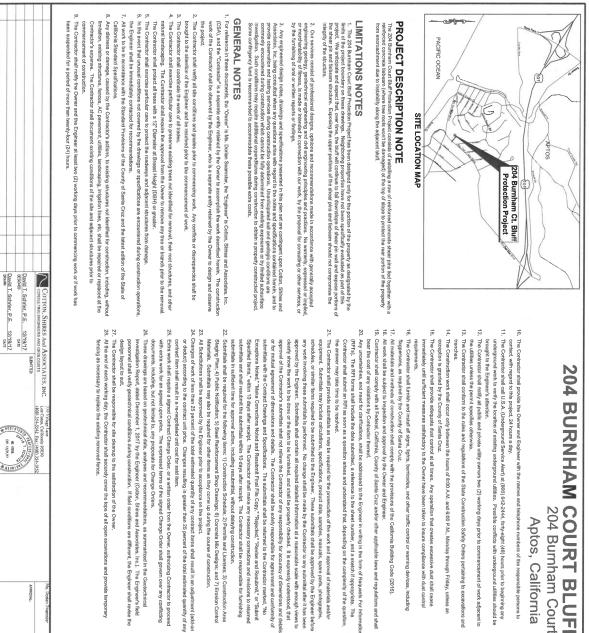
Public comments must be received by 5:00 p.m. August 21, 2018. A decision will be made on or shortly after August 28, 2018.

Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date.

Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

For more information, call the project planner identified above.





# 204 BURNHAM COURT BLUFF PROTECTION PROJECT 204 Burnham Court

# **REQUIRED SPECIAL INSPECTION NOTES**

Special Inspection in accordance with Sec.

In addition to regular inspections, the following numbered items shall also require Special Inspection in accordance with Spectra in the california building Code: 1701 of the california building Code: 1. SITE PREPARATION RESECTION, PIELD DRILLING OR HAND-EXCAVATION, FOUNDATION CONSTRUCTION, 2. REINFORCING STEEL 3. STRUCTURAL CONCRETE WHERE Fc/ > 2.500 p.s.l.

# DESIGN CRITERIA:

# 35 pc

and

Saincir Prasura on Wal 13 pdf Equivalent Fluid Teakwin Prasure: 220 pdf (owr 1.558 and beginning at a depth of 14 feet) with a 1.2 Increase (265 pdf) for extends C8C 2016 Seismic Design Criteria: Site ClassicD: S<sub>2</sub>=1.533: S<sub>2</sub>=0.6; Far-10, Fir=15, S<sub>20</sub>=1.533: S<sub>20</sub>=0.9; S<sub>20</sub>=1.022; S<sub>20</sub>=0.6

# A DDDEVIA TIONO

264 Burnham Court Aptest, CA 95003	Drawing No. 0-4 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	SHEETS	TOW BOW CONC.	6 7 a 9 5	mil. or mm RCJ cu, yds. STD FA	∞≷mz×∧r	~ 상 남 는 은 한 한 고 감 상 유 는 는 한 한 한 한 가 감 않	(IE) (NE) CMP AC or No. PVC Type V or ft. in. or % wp. or TVP.	
DRAWNG TITLE:	Dirweiteg Title Site Location Map. Notes, Abbreviations and List of Sheets Notes and Technical Specifications (Parts 1, 2, 3 and 4) Technical Specification (Parts 5) Buff Protection Plan Section Soc. Cand Details 1 and 2 Details 10 6 Dotails 5 10 5 Dotails 5 10 5 Dotails 5 and 7 Ecolon Control Plan	GRADING QUANTITY ESTIMATES Export: 75 cubic yards Import: 0 cubic yards Cut: 75 cubic yards (inch Fill: 0 cubic yards	Top of Wall Bottom of Wall Concrete	Square Square Unconfined Compressive Strength Factor of Safety Quality Control	Millimeters Rough Construction Joint Cubic Yards Standard Farh	Angle By North East West South	Horizontal equits Vertical Termination Depth Inver Intet Inver I Grate Unity Pole Unity Pole Left Right Centorline	Ecisity Career C	> フフファンニタイ
	ions and List (Parts 1, 2, 3	ANTITY ESTIM, cubic yards cubic yards cubic yards cubic yards	GR U.O.N.	STD.	EQ. VERT. CNTR. REINF.	R.C. HPPE G.S.	OD kg	Elev, El, or EL Max. Max. Max. O.C. C.C.	うこう
DRAV	and 4)	ITY ESTIMATES cubic yards cubic yards (includes tlebeam excavation and drill spolis) cubic yards	Grade Unless Otherwise Noted	Top and Bottom Fahrenheit Standard Diameter	Equal Vertical Center Reinforcement	Not Applicable Clean-Out Relative Compaction High Density Polyethylene High Point Ground Surface	Active Landsilde Dormant Landsilde Coton Shires and Associates, Inc. Schedule Pounds Kilograms Inner Diameter Outer Diameter	Elevations Minemum On Conter Calcular Calcular Salvey Station Sarvey Station Cast Jo Filed Hela With Drifted Hela Canter Lo Canter Canter Lo Canter	*
DRAWNS NO.		and drill spoils)							

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REMISIONS BY DATE			been suspended for a period of more than twenty-four (24) hours.	9. The Contractor shall notify the Owner and the Engineer at least two (2) working days prior to commencing work or if work has	commencement of construction.	Contractor's expense. The Contractor shall document existing conditions of the site and adjacent structures prior to	minioauori, exisurg surocumes, remocs, oco pavement, unines, iancissedping, irrigation innes, etc. sitali de repatred of replaced at the	<ul> <li>vir virus virus or virus virus virus virus virus and a subvirus virus v</li></ul>	he detrois a demonst option of the the Contracted entires to solution detroised and the Mind for a	California Standard Specifications	7. All work to be in accordance with the Standard Provisions of the County of Santa Cruz and the latest edition of the State of	the Engineer shall be immediately contacted for recommendations.
Abb.0	gp			ncing work o		actures prior	is nauradas	JUSTICCION,			edition of th	
David T. Schrier. P.E. pr.xm John Wallace, CEG cHECKED	David T. Schrier, P.E.	COTTO		r if work has		to	replaced at d	including, with	and address and the		e State of	
	ar, P.E. 12/	IN, SHIRES					ne			24		
12/19/17 DATE 12/19/17 DATE	12/19/17 DATE	COTTON, SHIRES And ASSOCIATES, INC.					tencing as ne	At the end of	ALL COLLING		design layout to suit.	personnel sh
	ED	IATES, INC.					ecessary to re	each working	or snall be re		t to suit.	all verify geot
LATC	3	130 Village Lane Los Gatos, Califo (408) 354-5542 1					place the exis	day, the Con	sponsible for			echnical cond
Do: 12/01/17	Contraction	340 Village Lane Los Gatos, California 95030 (408) 354-5542 Fax: (408) 354-1852					tencing as necessary to replace the existing removed fence.	htractor shall s	site cleanup to			litions during o
NY & HIT	11941	L-1852					fence.	ecurely cover	o une satisfacti			onstruction.
	APPROVAL:	Ns. Dorian Seamster						28. At the end of each working day, the Contractor shall securely cover the tops of all open excavations and provide temporary	27. The Contractor shall be responsible for site cleaning to the satisfiaction of the Owner.			personnel shall verify geotechnical conditions during construction. If field conditions are different, the Engineer shall revise the
			9 of 9	6 Jo 8	6 of 9	5 of 9	4 of 9	3 of 9	2 of 9	1 ~ 0	Sheet No.	LIST OF
		264 Burnham Court Aptest, CA 95003	ç	ဂ္ဂ ဂု (၂	6.6	0 0 0	2	2 L	<u>ç</u>		Drawing No.	LIST OF SHEETS
204 Burnham Court Bluff Protection Project 204 Burnham Court Aptes, California	Abbreviations and List of Sheets		Erosion Control Plan	Defails 6 and 7	Elevation C-C' and Details 1 and 2	Sections A-A' and B-B'	Bluff Protection Plan	Technical Specifications (Parts 5)	Notes and Technical Specifications (Parts 1, 2, 3 and 4)	Cite Location Man Notes Obbenciations and List of Chasts	Drawfind Title	Fill: 0 cubic yeros
CSA PROJECT ND. G5047		DRAWNS NO.										

E. 12/19/17	David T. Schrier, P.E
COTTON, SHIRES And ASSOCIATES, INC. Los C CONSULTING ENGINEERS AND GEOLOGISTS (408)	
	Shires and Associates. Inc. summarized in the Geolechnical Investigation Report dated December 1, 2017.
	C. Eczevarilor, Shoring, and Bearing - It shall be the Contractor's safe responsibility to design and provide adequate shoring bearing formwork, care, as required for protection of the and properly. Is opport any construction back, and to maintain all building components safely in place prior to their final assembly and anchorage into the completed structure. D. The design in this slope improvement was based on the geotechnical site investigation performed by Cotton.
memorane.	B. Discrepandes – The Contractor shall writing all dimensions, elevations, and existing conditions (where applicable) at the job bits as well as the novel or solutions of the construction documents and table to the Engineer's attention any discrepancy. In the event of a discrepancy in the construction documents, the note or detail utilizing the stricter requirement shall apply a discrepancy in the construction documents, the note or detail utilizing the stricter requirement shall apply a discrepancy in the construction documents.
2.2.6 All defective work shall 2.2.7 Curing: during the curi condition. In initial curi continue for seven day obtained. Final curing	<ol> <li>Work involves furthishing and heading orderocod concrete share pins and a reinforced concrete feberan as designated on the construction durings and as specified hears.</li> <li>Tipsical details and roles on these shares to data apply unless specifically shown or noted otherwise. Construction details not denown or noted as the similar to details shown for ainitiar confilions. All work and/or construction shall comply with the 2016 edition of the California Building Code.</li> </ol>
manufacturer's specific 2.2.4 Forms, if necessary, si 2.2.5 Chamfer all exposed e	TECHNICAL SPECIFICATIONS
22 Installation 2.2.1 Concrete shall be plac joints. Concrete shall placing tritimately arou 2.2.2 Skrinps shall be in a ra placement. 2.2.3 Exposed surfaces of o	18. Reinforcement feeranert: special impector hall observe placement of initionement, including that size or beam that, steel quests, spacing clearmost, and security during the concrete placement operation. Special respector shall observe that reinforcing is free of dirt, mud or other materials prior to concrete placements.
2.1.9 The concrete shall hav 2.1.10 Fly ash shall not exce	<ol> <li>The buffing agriculture is particular in a sourcement way secure 11 ve or the Coc.</li> <li>The buffing agriculture shall carryfic tabling and risingsoften reports defaulting the items of work which have been inspected.</li> <li>A copy of the reports shall be sent to the Owner and Engineer and Contractor for review.</li> </ol>
Tiebeam: 2,5	16. The Owner shall retain a testing agency (lesting agency must be approved by Engineer) to perform inspection and special inspection of perform inspection and special inspection. When the performance of the performanc
2.1.6 Aggregate: coarse agg 2.1.7 Contractor shall submit 2.1.8 Concrete shall develop Shear Pins: 3.5	<ol> <li>Contractor shall take present/overy messures to oreque bata all property is produced during constitution. Any demaged or changed conditions shall be regardle and nestrated to the per-construction conditions and to the satisfaction of the Engineer and Owner. Contractor shall be properly benchlied. Bedcill shall not be placed against new concrete structures until 75% of the design compresses terring this see indeveloped.</li> </ol>
2.1.5 Admixtures shall be us be of a type that increa content. Calcium chlor	13. The Contractor shall carefully check stability of all elements of existing improvements before doing any work on existing structures and brace or strengthen all portions of existing structures which may be weakaned by romoval of existing construction unit new construction is in place.
	12. The contract drawings and specifications represent the finitisted structure. They do not indicate the means and methods of construction. The Outractor sells provide all measures necessary to protect the sociality inprovement during construction. Such measures shall include, but not be limited to bracing, strong for loads due to construction equipment, materials, etc. Contractor sells provide for design, premits and tradition of such bracing, if required.
2.1.1 Cement shall be Portla 2.1.2 Aggregates for normal	<ol> <li>Details and notes shown in this set of drawings and titled "typical" and shall apply units of howse on out. Details of construction of Utily shown shall be of the same nature as shown in thybrial details or as shown for similar conditions.</li> <li>No pipes or sleeves shall pass through structural members without the approval of the Engineer unless shown on drawings.</li> </ol>
PART 2 REINFORCED CON 2,1 Products	
<ul> <li>B. Contractor shall prevent coming in contact with th</li> <li>C. Contractor shall protect</li> <li>D. Contractor shall not stoce</li> </ul>	<ol> <li>The Contents table to responsible for all measurements but may be necessary or maplined for the executions of any work to the bications, more and grades specified or shown. Control Points placed by Labores 5 University of the organization of the organiz</li></ol>
	6. The Engineer shall be responsible for initial layout of share risks, as well as providing developing contractor shall notify the Engineer at least 48 hours prior to when inpout is method and shall allow at least two working days for the Engineer to provide layout. Any layout destroyed or endered Inaccurate shall be replaced by the Engineer and paid for by the Contractor.
	5. The Contractor shall be responsible for site clean-up to the satisfaction of the Owner. All construction-related disturbed stops areas shall be traded with encision control measures consisting of inative weighting function guarding and associated activities, exclusive of any off-to or their regional techniques, as specified heaten the completion of the project.
	during accavations. 4. Locations are approximate and shall be varified by the Contractor in the field. Control shall be determined by relative location to temporary survey monuments.
F. A.I.S.I. Latest edition sp G. California Department of	personance or one work on on sproject excepting for leading ansing room the sole negligence or the contertor Engineer.  1. It is the Contractor's responsibility to assure the stability of adjacent structures and stopes, including temporary cutstopes,
	2. The contractor agrees mut may amain assume sole and compare responsibility for Jostia sality controlland summa sole and contractor of contractors of the popular, that the contractor of contractors of the popular, that the contractor of contractors and popular control on the popular contractors and part the Contractor shall be provided to contract the popular contractors and part the Contractor shall be popular. That the contractor shall be provided to the popular contractors and popular to the popular contractors and part the Contractor shall be provided to the popular contractors and popular to the popular contractors and popular to the
B. A	
1.2 Reference Standards	CONSTRUCTION, DESIGN, INSPECTION AND TESTING NOTES

- 2016.
   Latest edition ACI specifications for structural concrete for buildings
- ute (ACI) 318 Latest edition ACI specifications for reinforced concrete.
- scifications for the design, fabrication and erection of structural steel for buildings.
- uctural welding code D1.1 and D1.4. eclications for the design of cold-formed steel structural members.
- Transportation (Caltrans) Standard Spec
- Public Works Construction (SSPWC).
- sting Materials (ASTM). State Highway and Transportation Officials (AASHTO).
- Ith Administration (OSHA).
- materials upon delivery to assure that proper material has been received.
- excessive mud, wet cement, epoxy, and like materials which may affix themselves, from or materials. he materials from damage.
- pile or store material at the tops of slopes or on slopes steeper than 4:1 (H:V).

# CRETE

- Id Cement and conform to ASTM C 150, Type II.
- veight concrete shall conform to ASTM C 33.
- nform to all requirements of ACI 301, "Specifications for Structural Concrete for Buildings", except otes.
- and delivered in accordance with ASTM C 94.
- ed only with prior written approval of the Engineer. Admixtures shall comply with ASTM C 494 and sess the workability of the concrete, but which shall not reduce the specified minimum cement ride shall not be used.
- regate shall be Size 7, Pea gravel shall not be used.
- mix designs for review before fabrication and installation. the following minimum compressive strength at 28 days:
- 00 psi (Min. 6 sack cement mix)
- 00 psi (Min. 6 sack cement mix)
- e a maximum water-to-cementatious ratio (W:C) of 0.45.
- ad 20% of the total cementatious materials by mass.
- et in a continuous operation until the section is completed between precedenmined construction be placed in shear insis in one continuous pour. Concrete shall be of a consistency to permit and reinforcing bars and against forms. nge of 2 to 6 inches for dry excavations and in a range of 6 to 6 inches for approved wet tremie
- concrete shall be kept motid or curred by protective covering applied in accordance with castions, and the provision in AC1398. "Standards Fractice for Curing Concrete", letest edition hall be kipt, clean and weited before backing concrete. Hall set gipt, clean and weited before backing concrete.

- It be repaired by the Contractor as specified. They periods specified therein, concrete shall be maintained above 40 degrees (f) and in moleit tray, concrete shall be specified. They are starting theoremet is complete. Final curing shall by allot pounds, for three days if high-sawly stereight sement is used, or unit the specified stereight is a swall consist of a 6.0 gave your spectree minister enables to each or outfit by concord to think and a swall consist of a 6.0 gave your spectree minister enables.

# PART 3 REINFORCING STEEL

3.1.1 Reinforcing bars shall be in accordance with ASTM A615, Grade 60. The wires to be 18 ga, or heavier, black annealed steel

3.1 Products

- 3,2 Installation
- 3.2.2 Reinforcement detailing, bending, and placement shall be in accordance with the Concrete Reinforcing Steel Institute "Manual of Standard Practice", latest edition. 3.2.1 Minimum lap splices of steel reinforcing bars shall be as follows: Class 8 as defined in ACI 318-14, see Debail 6, Sheet C-8.
- 3.2.3 Reinforcing steel shall be provided with the following amounts of cover for concrete and shotcrete application: A. Concrete deposited against earth: 3 in.
- B. Concrete surface exposed to earth or weather: 2 in.

- 32.4 All individual data be ligitary sourced in place infort in pouring concrete.
  32.5 The class classes between parallel basis in a layer table in total less than 1-12 times the nominal diamoter of the bars, or 1-15 times the maximum class appropriate notives than 1-12 times the source of the problem for the bars in a layer table.
  3.2.6 Unless otherwise model, the species of bottom boting bars shall be subgrade at least 5-0° maintum from lays in other bottom classes of bottom boting bars shall be subgrade at least 5-0° maintum from lays in other bottom classes. Stage of the bottom botto
- 3.2.7 Reinforcen 7 Reinforcement splices: top splices in reinforcing bars shall be by the non-contact lap splice method with at least 2 index dearance between bars. At splices in naninorring bars can be made with pre-approved threaded or weited neinforcing bar copies as an alternate.
- 3.2.8 When tap splicing reinforcement bars of different sizes, Contractor shall use the largest bar lap splice length
- 3.2.9 Contractor shall submit reinforcing steel shop drawings for review prior to fabrication and placing reinforcing steel.

## 3.3 Inspections and Testing

3.1 Special inspector shall below op bacement of winforcement, including reter size or beam size, steel grades, specing, clearment special may be concrete plecement.

### PART 4 SHEAR PINS

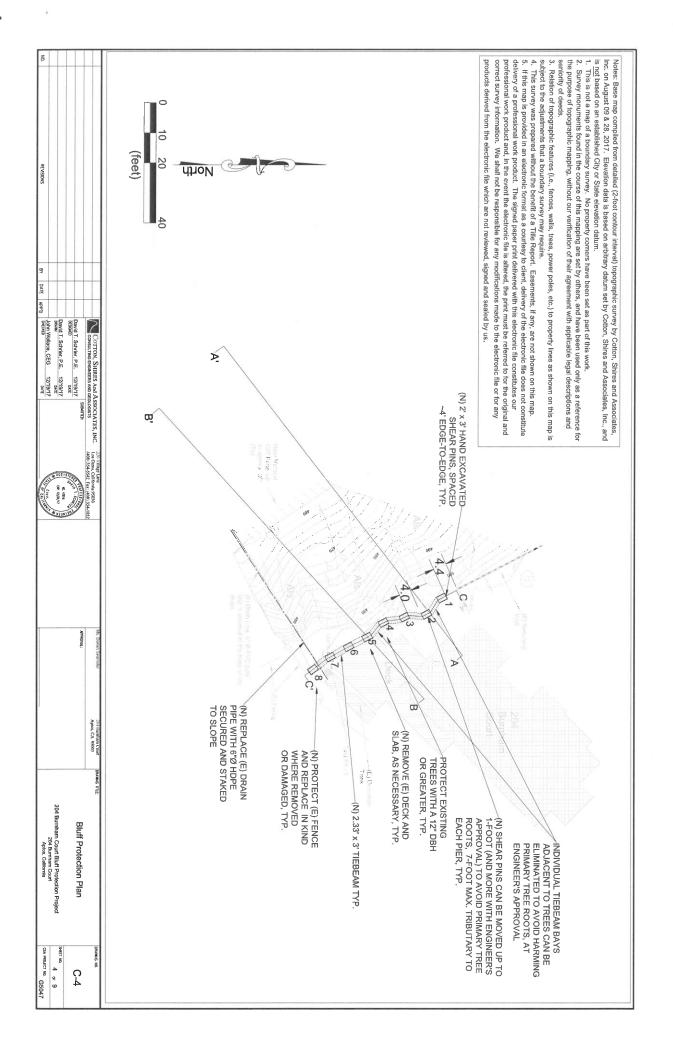
- 4.1 Shear Pin Excavation
- 4.11 Recolariting that be examined as required for plens as shown on the construction drawing or a set of the Engineer. If the Engineer is the examples do its houring diff apples, shall be offstaudio to legal approvat an encommendate by the Engineer. If the Engineer is the encounter of the e
- 4.1.4 The Contractor shall anticipate groundwater environment of the super and provide sulfable equipment capable of extending the stearer ph holds to the design raph.
  4.1.5 Loson mutual at the bottom of the stearer ph excavations shall be removed or compared by tamping prior to 14.5 Loson mutual at the source of the stearer ph excavations shall be removed or compared by tamping prior to 24.2 Installation
- 4.2.1 A minimum 3 inches of clearance all around shall be maintained between the structural steel and the sides of the exceivation. A minimum of 12 inches of clearance shall be maintained between the structural steel and the bottom of the excavation.
- 4.2.2 If more than 6 inches of values rise accuratelyd in he hose the value shall be removed by pumping prior to the pouring of 4.2.3 Share prior shall be poured within 5-4-box or a considering exercision and sheel placement, and may require destributioning sloughed material pource (b). The pouring concrete. Alternating shear pres shall be accurated and poured before the negligible material poured.
- 4.2.4 Concrete shall be placed in shear pins in one continuous pour (cold joints are not permitted). Concrete shall be of a consistency to permit placing intimately around reinforcing bars and against forms.

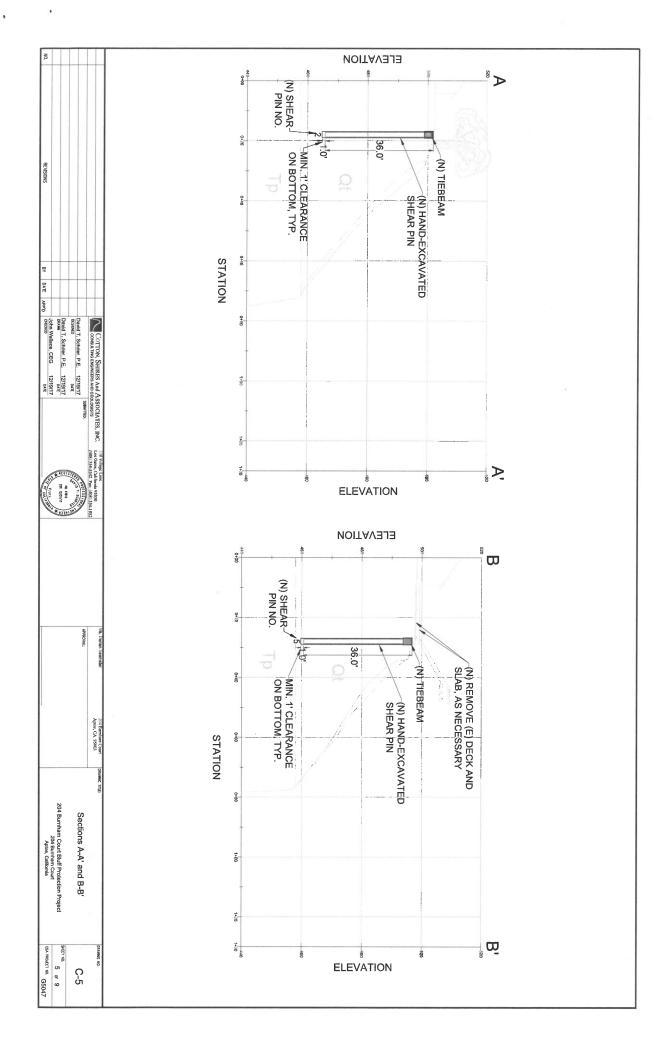
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RE VISIONS	
David T, Schlier, P.E.         12/15/17         Samma           0         David T, Schlier, P.E.         12/15/17         samma           0         David T, Schlier, P.E.         12/15/17         sam           0         David T, Schlier, P.E.         12/15/17         sam         sam           0         John Wallage, CEG         12/15/17         john         john	COTTON, SHIRES AND ASSOCIATES, INC. 1.00 CHIME 95209 CONSULTING ENGANEERS AND GEOLOGISTS (008) 334-5502 Fact (008)
A COLOR OF C	INC. Los Gates, California 95030 (408) 354-5542, Fax: (408) 354-1852
Amadonati	Ma, Donan Seamster
	Apros, CA 95003
Notes and Technical Specifications (Parts 1, 2, 3 and 4) 204 Burnham Court Buff Protection Project Auto-Coulternian Apple. Coulternian	DRAMMAG TITLE
C-2 SHEFT MD, 2 or 9 ISA PROJECT ND, GSD47	DRAWING NO.

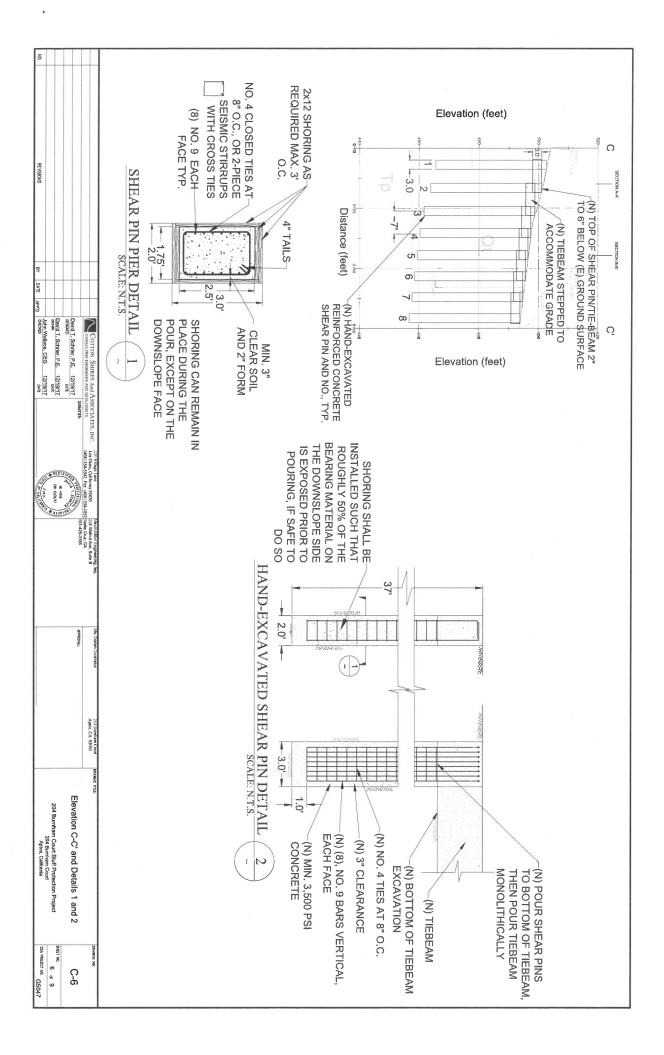
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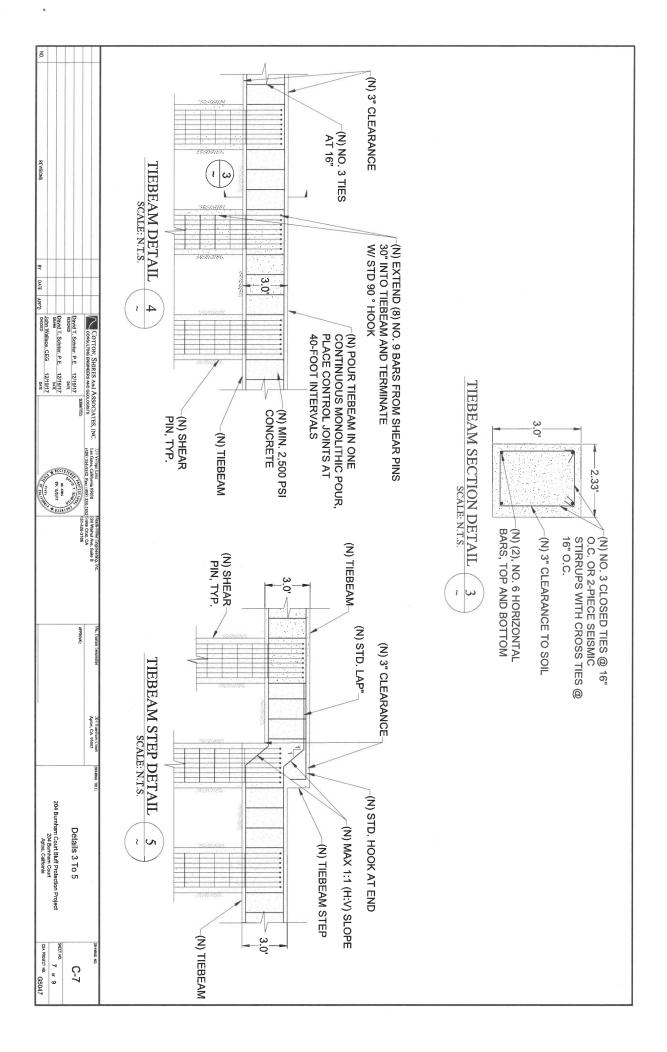
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3 OF 9 CSA PROJECT ND. G5047	201 Southard Court Forder of Forder		and a second sec		DATE App'n	NO
SHEET NO.	204 Burnham Court Rluff Drotection Droiect		121 121 121 121 121 121 121 121 121 121		David T. S	
С-3	Technical Specifications (Parts 5)	Anneler Aption, CA 95003	Lor Owney, Carlfornia 95000 Lord Back, Carlfornia 95000 (000) 354-5572 Bac-Lobo 354-162 (000) 354-162 (000) 354-5572 Bac-Lobo 354-162 (000) 354-162 (000) 354-	CONTON SHIRES And ASSOCIATES, INC. CONSI, TWG PREMETES AND GEOCODETS David T. Schrier, P.E. 12/19/17 StearTED:		
					5.2.3 Carding - Concide surfaces shall be uniformly graded, including adjuent transition ensu. The fixed and factors and the source models. The contract source contract source contracts and source contracts and the source of the source and the source of the source	5.5.5 5.5.5
					5.5.7 The upper 6 inches of exposed material in areas to reache fil shall be mosture conditioned to obtain a molstare conditioned of a latest optimum or greater, scatter and competed to mimmum 09% relative compation (VSTM 057-12). So 1097-120. The provide the product of th	5.5.1 TP 5.5.1 TP 5.5.2 Er 5.5.2 Er to ar
					5.4 Soring and Bracing - Shoring and bracing shall comply with local codes and autorities hwing jurification. The shoring and bracing shall be extended are shore controls and sharing and sharing the shore of the duration the secondarion will be open. So contractor shall proved surface and suburities (groundwate) water from flowing into the excavation will be open. So contractor shall not shore any solution and from flowing the proved surface and suburities (groundwate) water from flowing into the excavation will be open. So contractor shall not allow the suburities of the duration and from flowing the proved surface and suburities (groundwate) water from flowing into the excavation will be durated with the contractor shall not allow the excavation and sharing of subgrades. The Contractor shall not durate water any water water flow suburities of subgrades. The Contractor shall not durate the subsciences and subscinces and subsciences and subs	5.4.4
					Remove material to the elevations indicated, Further excernise is remove uncleated enabled as or normanded S4. by the Engineer. Temperary cut algest during the dry season shall not exceed 5-lood writeral or 1.5.1 (FLT) where it help areaeds 5-levations. All excernitions shall comply with applicable local. State and Fagineer, and monitored daily during construction. All excernitions shall comply with applicable local. State and Fagineer and an advected and varies and the state of the lines and grades shown on these plane.	5.4.2
					A pprovide, "The Contractor shall not allow or cause any of the work performed or intraliated to be covered up or enclosed by work (not call required integritor), takes, and work performed to the second or covered. Studies in the second periods and the second or covered work was been completely taked, inspection, takes, and work the to encoursed. Studies any ordin is to be covered. Studies and the second period of the second by work (not or the second by work) and the second second by work (not or the second by provide). Increased the second second by the second second by work (not or the second by provide). The second by the second second second second by the second second second by the second second second by the second se	5.3.3 Ap sc and 5.3.4 Ur 5.4 Excavation 5.4 1 St 5.4.1 St
			Eng		or stockplind on slopes greater than 1.5:1 (riv1). Inneral - First to all work statuted to Explored Earth Fill, Contractor shall become throughly familiar with the \$1.1 General - First to all work statuted to Explored Earth Fill, Contractor shall be become throughly familiar with the \$1.5 bit to self to contractor and all profiles of the work shalled to Explores and Earth Fill. The size shall be beam 'as fourth'. \$2.3 Can be "population". The Contractor and minim work all vegetation, utilities, debris, concrete and delinicias material and legally dispose of these materials of site. All excavation work shall be accounted in thes indicated and as required to permit statulation of terms and similar work ford to performing the work.	5.3 General 5.3.1 5.3.2
		9 W S	stilly 5.1 Compaction testing shall be provided by the Engineer and paid for by the Owner. 5.7.2 The Engineer must hepped and approve subgrades and fill hypers before further construction work is performed 5.7.2 The Engineer must hepped the approve subgrades and fill hypers before further construction work is performed 5.7.3 If in the ophicin of the Engineer, heated on testing and/or hespection, subgrade or Ells which have been placed are addined, compaction and testing at no additional orans pumping and/or hespection, subgrade or Ells which have been placed addined, compaction and testing at no additional orans pumping under a subgrade or Ells which have been placed with subative monotonic and testing at no additional grade or full, or profers thereof, is below the regularid testing 5.7.4 When tests include the university if any layer of fill, or profers thereof, is below the regularid testing 5.7.4 When tests include the university is a substruct the second of the monotod until regularid university and the other molecular or tester and thereof. We particular this heater or an and until the satisfaced off off films been intered and fully to be met the relative or contain shared or notion or additional the fully device to the satisfaced or tester and the outer of the monotod or and regularid university index molecular to investing the satisfaced or an and until the satisfaced off of films because and satisfaced to have the relative or contain state on contain the satisfaced off offices heater and satisfaced to have the relative or contain state of the placed or an ana- until the satisfaced off of films heater and satisfaced to have the relative or contain state on the containts in the satisfaced or an ana- until the satisfaced off of films heater and satisfaced to have the relative or containt and notations.	5.7 1	5.21 Engineeral Earth FII - Comparisol cell material shall be on allo solls (from excavations and pier drilling) provided they are free of regimes, materials larger than 4 inches in maximum dimension, and approved by the Engineer, unless software specification of the engineer, and the engineer and the engine	5.2 Products 5.2.1 5.2.2
		<u>z</u> a.	opion Control 5.6.1 The Contractor shell provide adequate encirion control during construction finaluding necessary straw bates, and bega and/or all thereing) to prevent mult and/or debint from spilling this damage channels and steeps and the construction with the common structure and designs shown in the California Stormwark Real Management acrossment with thereing all grades's damage and and and the control of the contro	5.5 Elosión Control 5.6.1 The Contractor shaft bega and/or silt ferr generations for Control 5.6.2 The Workshop Markov 5.6.2 The Workshop Markov (Inflored grants in care (Inflored grants in care with hydrotexet) 5.6.3 The Contractor shaft	PART 5 ENGINEERED EARTH FILL 51 Reference Starstards, Annichar Society for Tasting and Materials (ASTM) 5.1.1 ASTM 0-422 Particle Size Analysis 5.1.2 ASTM 0-598 Laboratory Comparison Crametoristics of Sci-Sandard Effort 5.1.3 ASTM 0-518 Holyson (March Parke) Parket by (PKC) 5.1.5 ASTM 0-528 Holyson (March Parket by (PKC) 5.1.5 ASTM 0-1957 Laboratory Comparison 5.1.7 ASTM 0-1957 Laboratory Comparison 5.1.7 ASTM 0-1957 Laboratory Comparison	PART 5 E 5.1 Reference 5.1.2 5.1.2 5.1.3 5.1.4 5.1.5 5.1.6 5.1.5 5.1.6 5.1.6

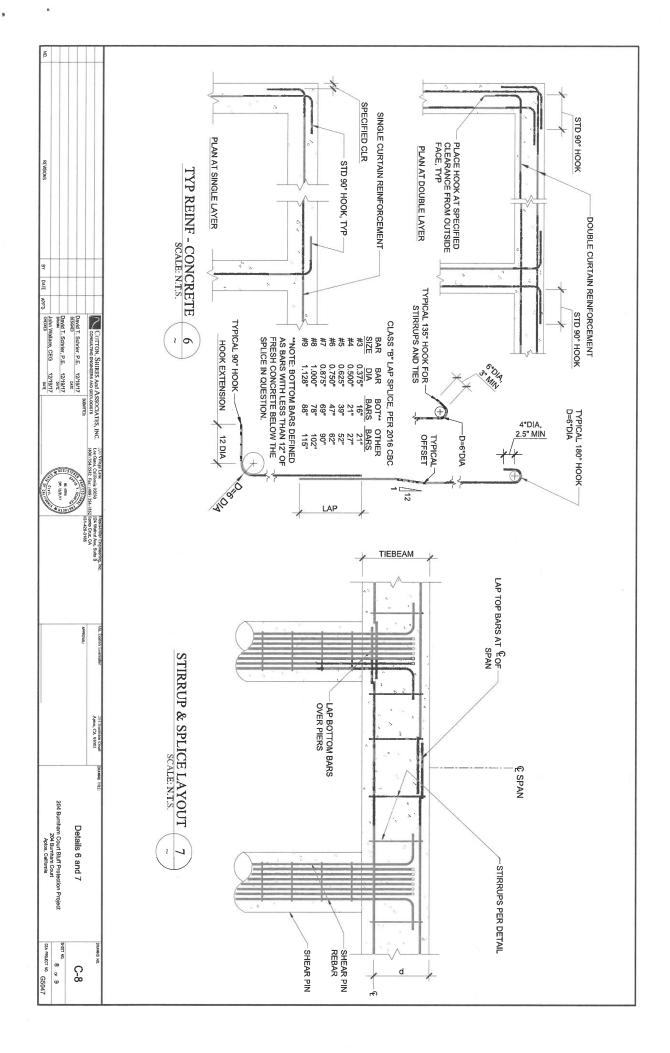
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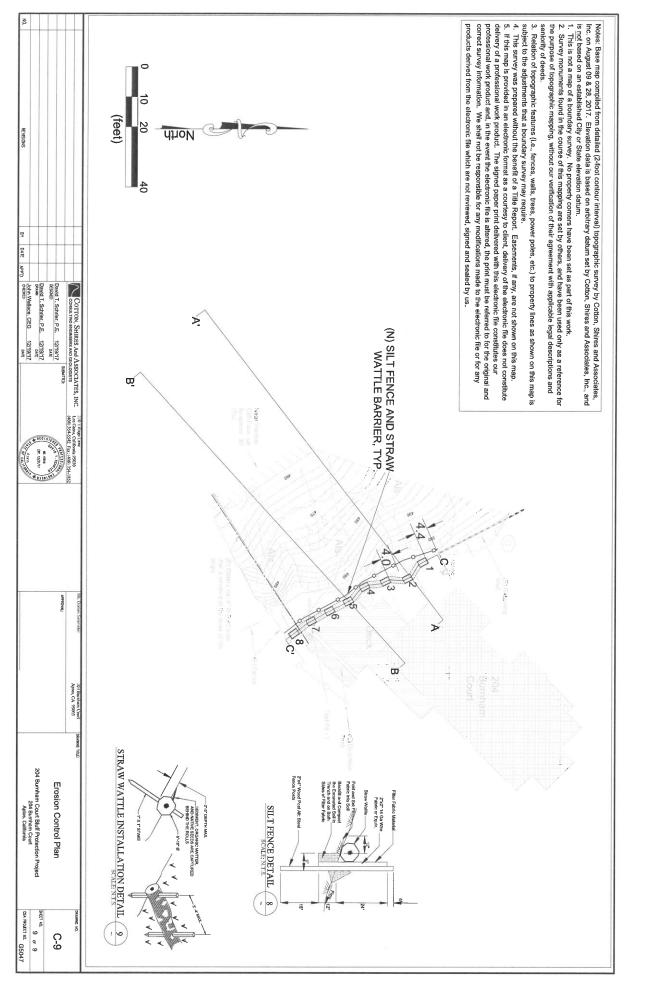












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