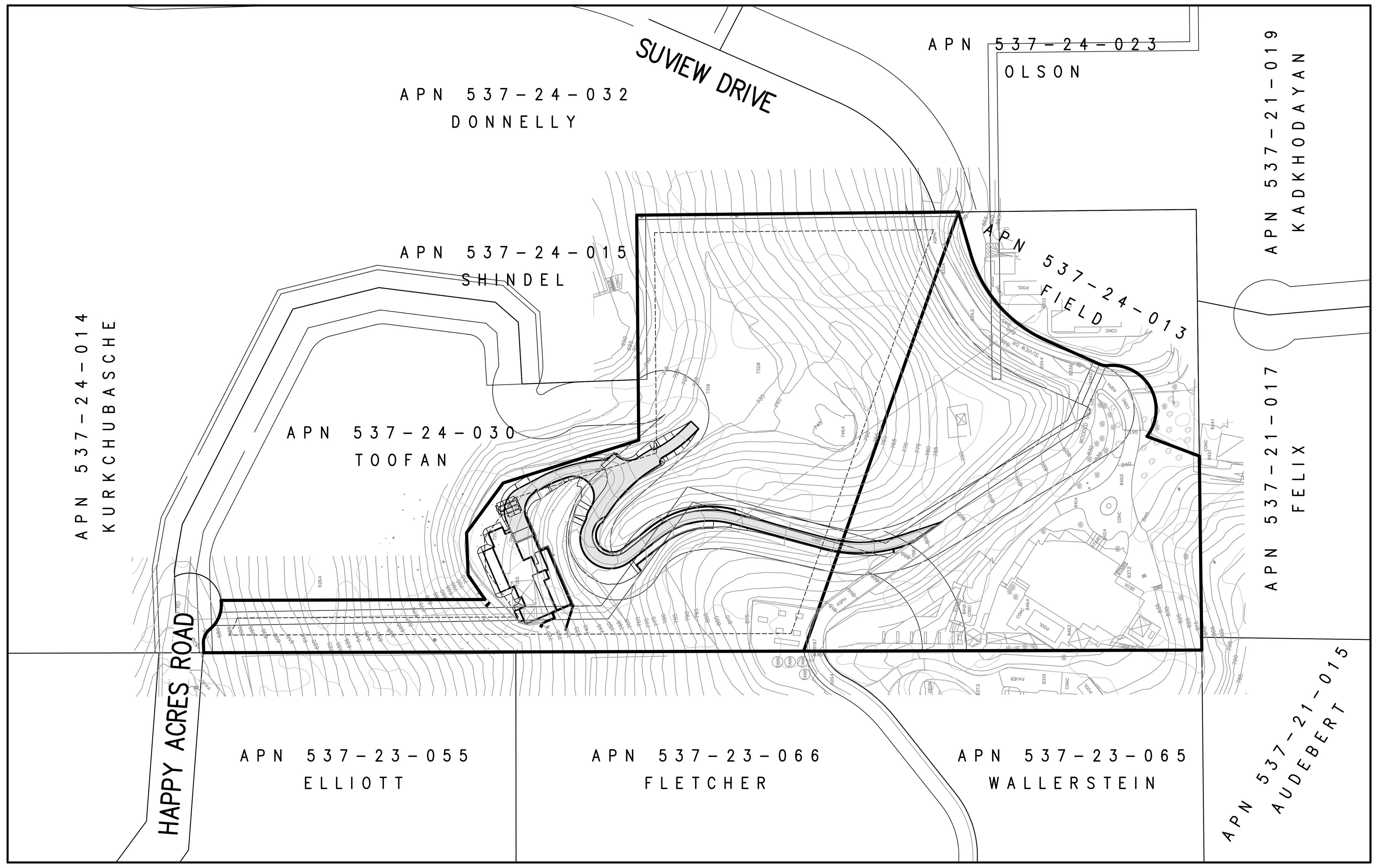
CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

PLAN FOR THE IMPROVEMENT OF

15400 SUVIEW DRIVE

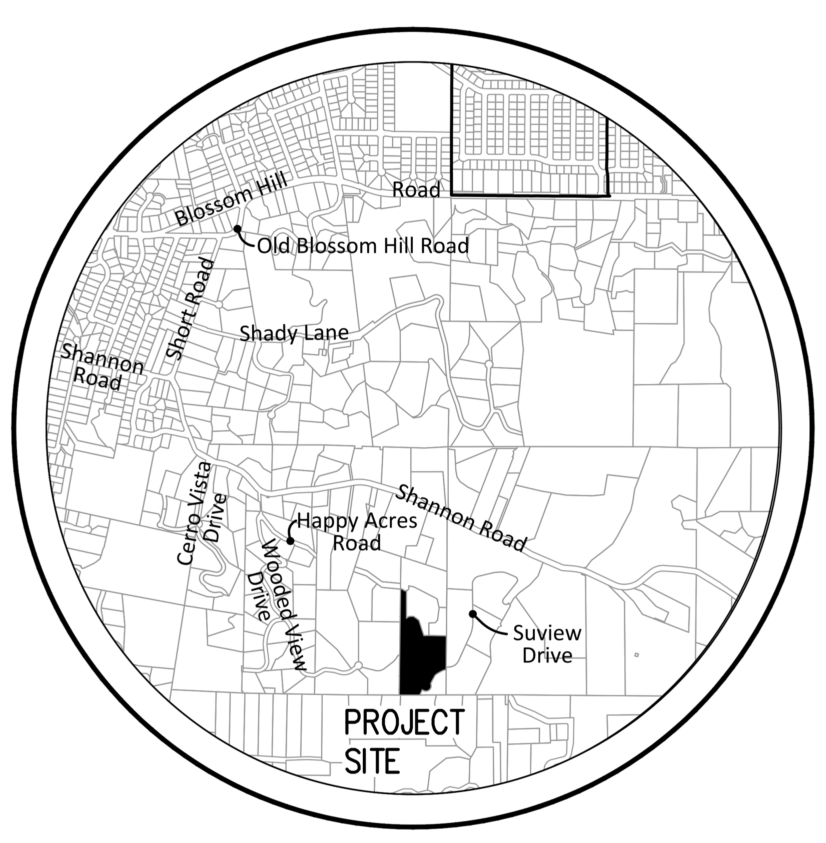
TOWN OF LOS GATOS

ARCHITECTURAL & SITE REVIEW APPLICATION NO. [_-__-___]



OVERALL SITE PLAN

SCALE: 1"=100'



VICINITY MAP

TOWN OF LOS GATOS STANDARD PUBLIC IMPROVEMENT NOTES

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE FOLLOWING:
   a. TOWN OF LOS GATOS ENGINEERING DESIGN STANDARDS AND SPECIFICATIONS (UNLESS SPECIFICALLY STATED OTHERWISE ON THE PLANS).
   b. ALL TOWN OF LOS GATOS CONDITIONS OF APPROVAL RELATED TO THE PROJECT.
   c. THESE PLANS AND DETAILS.
   d. RECOMMENDATIONS OF THE PROJECT SOILS INVESTIGATION
      SOILS ENGINEER C2 EARTH, INC
      REFERENCE REPORT NO. 20012C-01R1, DATED APRIL 30th, 2020, SERIAL NO. 19149
      LETTER NO. __________, DATED ____________, SHALL BE THOROUGHLY COMPLIED WITH. BOTH THE MENTIONED REPORT AND ALL UPDATES/ADDENDUMS/LETTERS ARE HEREBY APPENDED AND MADE A PART OF THESE PLANS.
2. NO WORK MAY BE STARTED ON-SITE WITHOUT AN APPROVED GRADING PLAN AND A GRADING PERMIT ISSUED BY THE TOWN OF LOS GATOS, PARKS AND PUBLIC WORKS DEPARTMENT LOCATED AT 41 MILES AVENUE, LOS GATOS, CA 95030.
3. A PRE-JOB MEETING SHALL BE HELD WITH THE TOWN ENGINEERING INSPECTOR FROM THE PARKS AND PUBLIC WORKS DEPARTMENT PRIOR TO ANY WORK BEING DONE. THE CONTRACTOR SHALL CALL THE INSPECTIONS LINE AT (4080 399-5771 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY GRADING OR ONSITE WORK. THIS MEETING SHOULD INCLUDE:
   a. A DISCUSSION OF THE PROJECT CONDITIONS OF APPROVAL, WORKING HOURS, SITE MAINTENANCE AND OTHER CONSTRUCTION MATTERS;
   b. ACKNOWLEDGEMENT IN WRITING THAT CONTRACTOR AND APPLICANT HAVE READ AND UNDERSTAND THE PROJECT CONDITIONS OF APPROVAL, AND WILL MAKE CERTAIN THAT ALL PROJECT SUB-CONTRACTORS HAVE READ AND UNDERSTAND THEM PRIOR TO COMMENCING WORK AND THAT A COPY OF THE PROJECT CONDITIONS OF APPROVAL WILL BE POSTED ON SITE AT ALL TIMES DURING CONSTRUCTION.
4. APPROVAL OF PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR THE CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF, DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS, PUBLIC INTEREST AND SAFETY REQUIRES A MODIFICATION OR DEPARTURE FROM THE TOWN SPECIFICATIONS OR THESE IMPROVEMENT PLANS, THE TOWN ENGINEER SHALL HAVE FULL AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.
5. APPROVAL OF THIS PLAN APPLIES ONLY TO THE GRADING, EXCAVATION, PLACEMENT, AND COMPACTION OF NATURAL EARTH MATERIALS. THIS APPROVAL DOES NOT CONFER ANY RIGHTS OF ENTRY TO EITHER PUBLIC PROPERTY OR THE PRIVATE PROPERTY OF OTHERS AND DOES NOT CONSTITUTE APPROVAL OF ANY OTHER IMPROVEMENTS.
6. IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE OR CONTRACTOR TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES. PERMITTEE OR CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-227-2600 A MINIMUM OF FORTY-EIGHT (48) HOURS BUT NOT MORE THAN FOURTEEN (14) DAYS PRIOR TO COMMENCING ALL WORK.
7. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
8. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, CODES, RULES AND REGULATIONS GOVERNING THE WORK IDENTIFIED ON THESE PLANS. THESE SHALL INCLUDE, WITHOUT LIMITATION, SAFETY AND HEALTH RULES AND REGULATIONS ESTABLISHED BY OR PURSUANT TO THE OCCUPATIONAL SAFETY AND HEALTH ACT OR ANY OTHER APPLICABLE PUBLIC AUTHORITY.
9. THE GENERAL CONTRACTOR SHALL PROVIDE QUALIFIED SUPERVISION ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
10. CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING TREES, SURFACE IMPROVEMENTS, DRAINAGE, WATER, SEWER, ELECTRICAL OR TELECOMMUNICATION FACILITIES WHETHER ABOVE GROUND OR UNDERGROUND. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERETO.
11. HORIZONTAL AND VERTICAL CONTROLS SHALL BE SET AND CERTIFIED BY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER QUALIFIED TO PRACTICE LAND SURVEYING.
12. DURING CONSTRUCTION, ALL APPLICABLE WORK (SUBGRADE, PAVING, ETC.) SHALL BE INSPECTED BY THE APPLICANT'S SOILS ENGINEER. THE ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE BEGINNING SUCH WORK. THE ENGINEER SHALL BE ON-SITE TO VERIFY CONDITIONS AS REQUIRED IN HIS REPORT. SHOULD ANY CHANGES TO THE REPORT RECOMMENDATIONS BE NECESSARY, TOWN APPROVAL SHALL BE OBTAINED PRIOR TO ANY ASSOCIATED WORK.
13. THE RESULTS OF THE CONSTRUCTION OBSERVATION AND TESTING SHALL BE DOCUMENTED IN AN "AS-BUILT" LETTER/REPORT PREPARED BY THE APPLICANTS' SOILS ENGINEER AND SUBMITTED FOR THE TOWN'S REVIEW AND ACCEPTANCE BEFORE FINAL RELEASE OF ANY OCCUPANCY PERMIT IS GRANTED.
14. ALL PRIVATE AND PUBLIC STREETS ACCESSING PROJECT SITE SHALL BE KEPT OPEN AND IN A SAFE, DRIVABLE CONDITION THROUGHOUT CONSTRUCTION. IF TEMPORARY CLOSURE IS NEEDED, THEN FORMAL WRITTEN NOTICE TO THE ADJACENT NEIGHBORS AND THE TOWN OF LOS GATOS PARKS AND PUBLIC WORKS DEPARTMENT SHALL BE PROVIDED AT LEAST ONE WEEK IN ADVANCE OF CLOSURE, AND NO CLOSURE SHALL BE GRANTED WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE TOWN. NO MATERIAL OR EQUIPMENT SHALL BE STORED IN THE PUBLIC OR PRIVATE RIGHT-OF-WAY.
15. THE CONTRACTOR SHALL INSTALL AND MAINTAIN FENCES, BARRIERS, LIGHTS AND SIGNS THAT ARE NECESSARY TO GIVE ADEQUATE WARNING AND PROTECTION TO THE PUBLIC AT ALL TIMES.
16. OWNER/APPLICANT: ___________________________ PHONE:_____________
17. GENERAL CONTRACTOR: ________________________ PHONE:_____________
18. A TOWN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY. A STATE ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN STATE RIGHT-OF-WAY (IF APPLICABLE). THE PERMITTEE AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSPECTION PERFORMED BY OTHER GOVERNMENTAL AGENCIES.
19. GOOD HOUSEKEEPING PRACTICES SHALL BE OBSERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. SUPERINTENDENCE OF CONSTRUCTION SHALL BE DILIGENTLY PERFORMED BY A PERSON OR PERSONS AUTHORIZED TO DO SO AT ALL TIMES DURING WORKING HOURS. THE STORING OF GOODS AND/OR MATERIALS ON THE SIDEWALK AND/OR THE STREET WILL NOT BE ALLOWED UNLESS A SPECIAL PERMIT IS ISSUED BY THE ENGINEERING DIVISION. THE ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE KEPT CLEAR OF ALL JOB RELATED DIRT AND DEBRIS AT THE END OF THE DAY. FAILURE TO MAINTAIN THE PUBLIC RIGHT-OF-WAY ACCORDING TO THIS CONDITION MAY RESULT IN PENALTIES AND/OR THE TOWN PERFORMING THE REQUIRED MAINTENANCE AT THE DEVELOPER'S EXPENSE.

TOWN OF LOS GATOS NPDES NOTES

1. SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
2. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
3. APPROPRIATE BEST MANAGEMENT PRACTICES (BMPS) FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILL OR RESIDES SHALL BE IMPLEMENTED TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF AS REQUIRED BY THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT.
4. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES AND MUST NOT BE DISCHARGED TO RECEIVING WATERS OR TO THE LOCAL STORM DRAIN SYSTEM.
5. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES (BMPS) AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
6. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY, ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
7. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT A STORM DOES NOT CARRY WASTE OR POLLUTANTS OFF OF THE SITE. DISCHARGES OF MATERIAL OTHER THAN STORMWATER (NON-STORMWATER DISCHARGES) ARE PROHIBITED EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT OR THE STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; WASTES FROM STREET CLEANING; AND SUPERCHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
8. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.

NOTE:

WHERE THE FIRM OF HANNA & BRUNETTI DOES NOT PROVIDE CONSTRUCTION STAKES, SAID FIRM WILL ASSUME NO RESPONSIBILITY WHATSOEVER FOR IMPROVEMENTS CONSTRUCTED THEREFROM.

NOTE TO CONTRACTOR

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

NOTE:

ADVANCE NOTICE SHALL BE PROVIDED TO NEIGHBORING PROPERTY OWNERS AND SCHOOLS OF HEAVY CONSTRUCTION ACTIVITIES AND HEAVY CONSTRUCTION SHALL NOT START BEFORE 8:30 AM ON DAYS WHEN SCHOOLS ARE IN SESSION. NO CONSTRUCTION IS ALLOWED ON SUNDAYS.

FLOODZONE STATEMENT

COMMUNITY PANEL NUMBER: 06085C0377H
MAP REVISED: MAY 18, 2009

PROJECT IS LOCATED IN ZONE X

ZONE X
AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

BENCHMARK

BENCHMARK ID: LG#53
ELEVATION: 517.33 FEET
ORGANIZATION: TOWN OF LOS GATOS

DESCRIPTION:
SET BRASS DISK IN MONUMENT WELL STAMPED LG#53; LOCATED AT THE INTERSECTION OF SHANNON ROAD AND SUVIEW DRIVE.

SHEET INDEX

1. COVER SHEET
2. BLUEPRINT FOR A CLEAN BAY SHEET
3. TENTATIVE MAP
4. HOUSE GRADING & DRAINAGE PLAN AND DRIVEWAY PROFILE
5. DRIVEWAY GRADING & DRAINAGE PLAN
6. DRIVEWAY PROFILE
7. DRIVEWAY CROSS SECTIONS
8. EROSION CONTROL PLAN

ARCHITECTURAL PLANS:

A-1 SITE PLAN
A-2 FLOOR AREA DIAGRAMS, SECTIONS AND COLOR VIEW
A-3 PLATFORMS MAP, VIEWS & VISIBILITY CALCS

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

TABLE OF PROPOSED PERVIOUS AND IMPERVIOUS AREAS

TOTAL SITE AREA: 193,406 SF	TOTAL SITE AREA DISTURBED: 22,535 SF *(INCLUDING CLEARING, GRADING OR EXCAVATING)*			
	EXISTING AREA (SF)	PROPOSED AREA (SF)		TOTAL AREA POST-PROJECT (SF)
		REPLACED	NEW	
IMPERVIOUS AREA	0	–	15,385	15,385
TOTAL NEW & REPLACED IMPERVIOUS AREA		15,385		
PERVIOUS AREA	193,406		–	

ABBREVIATIONS

AB	AGGREGATE BASE	G	GAS	RCP	REINFORCED CONCRETE PIPE
AC	ASPHALT CONCRETE	GA	GAUGE	RIM	RIM ELEVATION
AD	AREA DRAIN	GB	GRADE BREAK	R/W	RIGHT-OF-WAY
ARV	AIR RELEASE VALVE	GM	GAS METER	(S)	SOUTH
BC	BACK OF CURB	GS	GAS SERVICE	S	SLOPE
BFP	BACKFLOW PREVENTER	HDPE	HIGH-DENSITY POLYETHYLENE	SCC	SANTA CLARA COUNTY
BW	BOTTOM OF WALL	HP	HIGH POINT	SCCFD	SANTA CLARA COUNTY FIRE DEPARTMENT
CATV	CABLE TELEVISION	IEE	INGRESS/EGRESS EASEMENT	SD	STORM DRAIN
CB	CATCH BASIN	IN	INCH	SDCO	STORM DRAIN CLEANOUT
CFS	CUBIC FEET PER SECOND	INV	INVERT ELEVATION	SDE	STORM DRAIN EASEMENT
C/L	CENTERLINE	LAT	LATERAL	SDMH	STORM DRAIN MANHOLE
CMP	CORRUGATED METAL PIPE	LG	LIP OF GUTTER	SDR	STANDARD DIMENSION RATIO
CO	CLEANOUT	LP	LOW POINT	SF	SQUARE FEET
CY	CUBIC YARD	MAX	MAXIMUM	SJWC	SAN JOSE WATER COMPANY
DCVA	DOUBLE CHECK VALVE ASSEMBLY	MH	MANHOLE	SS	SANITARY SEWER
DI	DROP INLET	MIN	MINIMUM	SSCO	SANITARY SEWER CLEANOUT
DIA	DIAMETER	MPH	MILES PER HOUR	SSE	SANITARY SEWER EASEMENT
DIP	DUCTILE IRON PIPE	(N)	NORTH	SSMH	SANITARY SEWER MANHOLE
DWY	DRIVEWAY	N.T.S.	NOT TO SCALE	STD	STANDARD
(E)	EAST	O.C.	ON CENTER	S/W	SIDEWALK
EG	EXISTING GRADE	O.D.	OUTSIDE DIAMETER	TC	TOP OF CURB
ELEC	ELECTRICAL	PAD	PAD ELEVATION	TELE	TELEPHONE
EP	EDGE OF PATH	PCC	PORTLAND CEMENT CONCRETE	TLG	TOWN OF LOS GATOS
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT	PERF	PERFORATED	TW	TOP OF WALL
EX	EXISTING	PG&E	PACIFIC GAS & ELECTRIC COMPANY	TYP	TYPICAL
FC	FACE OF CURB	PIEE	PRIVATE INGRESS/EGRESS EASEMENT	VCP	VITRIFIED CLAY PIPE
FDC	FIRE DEPARTMENT CONNECTION	PL	PROPERTY LINE	(W)	WEST
FF	FINISHED FLOOR ELEVATION	PR	PROPOSED	W	WATER
FG	FINISHED GRADE	PSDE	PRIVATE STORM DRAIN EASEMENT	WM	WATER METER
FH	FIRE HYDRANT	PSE	PUBLIC SERVICE EASEMENT	WS	WATER SERVICE
FL	FLOW LINE	PSSE	PRIVATE SANITARY SEWER EASEMENT	WV	WATER VALVE
FM	FORCED MAIN	PUE	PUBLIC UTILITY EASEMENT	WVSD	WEST VALLEY SANITATION DISTRICT
FS	FIRE SERVICE	PVC	POLYVINYL CHLORIDE	XING	CROSSING
FT	FEET	R	RADIUS		

REGISTERED PROFESSIONAL ENGINEER ★ STATE OF CALIFORNIA ★ AMANDA JOY MUSY-VERDEL NO. 69278 EXP. 6-30-22 CIVIL

DATE:	AUGUST 3, 2020
SCALE:	AS SHOWN
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	19085

PLAN FOR THE IMPROVEMENT OF
LANDS OF NYMAN - 15400 SUVIEW DRIVE
APN 537-24-029
COVER SHEET
[APPLICATION TYPE] APPLICATION NO. [_-__-___]

TOWN OF LOS GATOS
PARKS AND PUBLIC WORKS DEPARTMENT

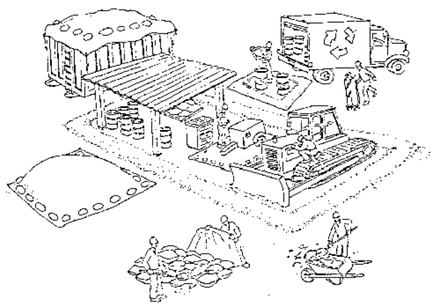
HANNA-BRUNETTI EST. 1910
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173 • FAX (408) 842-3662
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

REVISIONS | BY | DATE

REV.: DEC. 2015

HB JOB NO. 19085

Pollution Prevention — It's Part of the Plan



Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements.

Materials storage & spill cleanup

Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or your local emergency response number.

Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinsewater to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.

Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it is least likely to collect in the street. Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use hay bales, silt fences, or other control measures to minimize the flow of silt off the site.

- ✓ Avoid scheduling earth moving activities during the rainy season if possible. If grading activities during wet weather are allowed in your permit, be sure to implement all control measures necessary to prevent erosion.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place hay bales down-slope until soil is secure.
- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call your local fire department for help in determining what testing should be done.
- ✓ Manage disposal of contaminated soil according to Fire Department instructions.

Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call your city's storm drain inspector before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing to do and to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.

Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, hay bales, sand bags, or fine gravel dams to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with hay bales, sand bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.

Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.

- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.

Painting

- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.

BASMAA Bay Area Stormwater Management Agencies Association (BASMAA)
1-888-BAYWISE

Storm drain polluters may be liable for fines of up to $10,000 per day!

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

REV.: SEPT. 2016

REGISTERED PROFESSIONAL ENGINEER — JULIANNA JOY MUSY-VERDEL — NO. 69278 — EXP. 6-30-22 — CIVIL — STATE OF CALIFORNIA

DATE:	AUGUST 3, 2020
SCALE:	NONE
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	19085

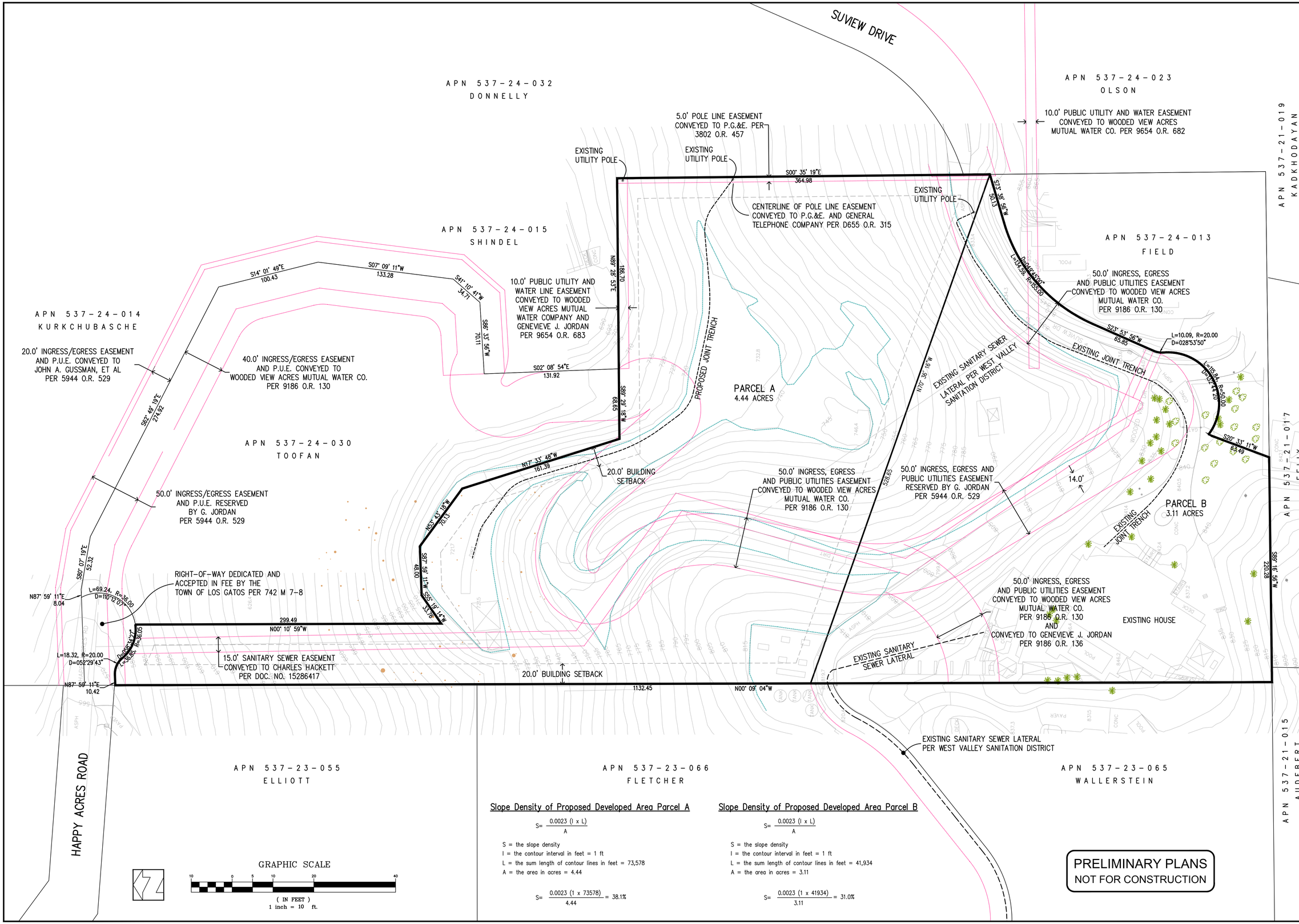
GRADING & DRAINAGE PLANS
LANDS OF NYMAN - 15400 SUVIEW DRIVE
APN 537-24-029
BLUEPRINT FOR A CLEAN BAY
[APPLICATION TYPE] APPLICATION NO. _____
PARKS AND PUBLIC WORKS DEPARTMENT
TOWN OF LOS GATOS

HANNA-BRUNETTI EST. 1910
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7665 EDGEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173 • FAX (408) 842-3662
EMAIL: ENGINEERING@HANNABRUNETTI.COM

REVISIONS	BY	DATE

SHEET 2 OF 8

HB JOB NO. 19085



Slope Density of Proposed Developed Area Parcel A

$$S = \frac{0.0023\ (I \times L)}{A}$$

S = the slope density
I = the contour interval in feet = 1 ft
L = the sum length of contour lines in feet = 73,578
A = the area in acres = 4.44

$$S = \frac{0.0023\ (1 \times 73578)}{4.44} = 38.1\%$$

Slope Density of Proposed Developed Area Parcel B

$$S = \frac{0.0023\ (I \times L)}{A}$$

S = the slope density
I = the contour interval in feet = 1 ft
L = the sum length of contour lines in feet = 41,934
A = the area in acres = 3.11

$$S = \frac{0.0023\ (1 \times 41934)}{3.11} = 31.0\%$$

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

REGISTERED PROFESSIONAL ENGINEER
MAHADEV MUSY-VERDEL
NO. 69278
EXP. 6-30-22
CIVIL
STATE OF CALIFORNIA

DATE:	AUGUST 3, 2020
SCALE:	AS SHOWN
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	19085

PLAN FOR THE IMPROVEMENT OF

LANDS OF NYMAN - 15400 SUVIEW DRIVE

APN 537-24-029

TENTATIVE MAP

[APPLICATION TYPE] APPLICATION NO. [_-_-_]

PARKS AND PUBLIC WORKS DEPARTMENT

TOWN OF LOS GATOS

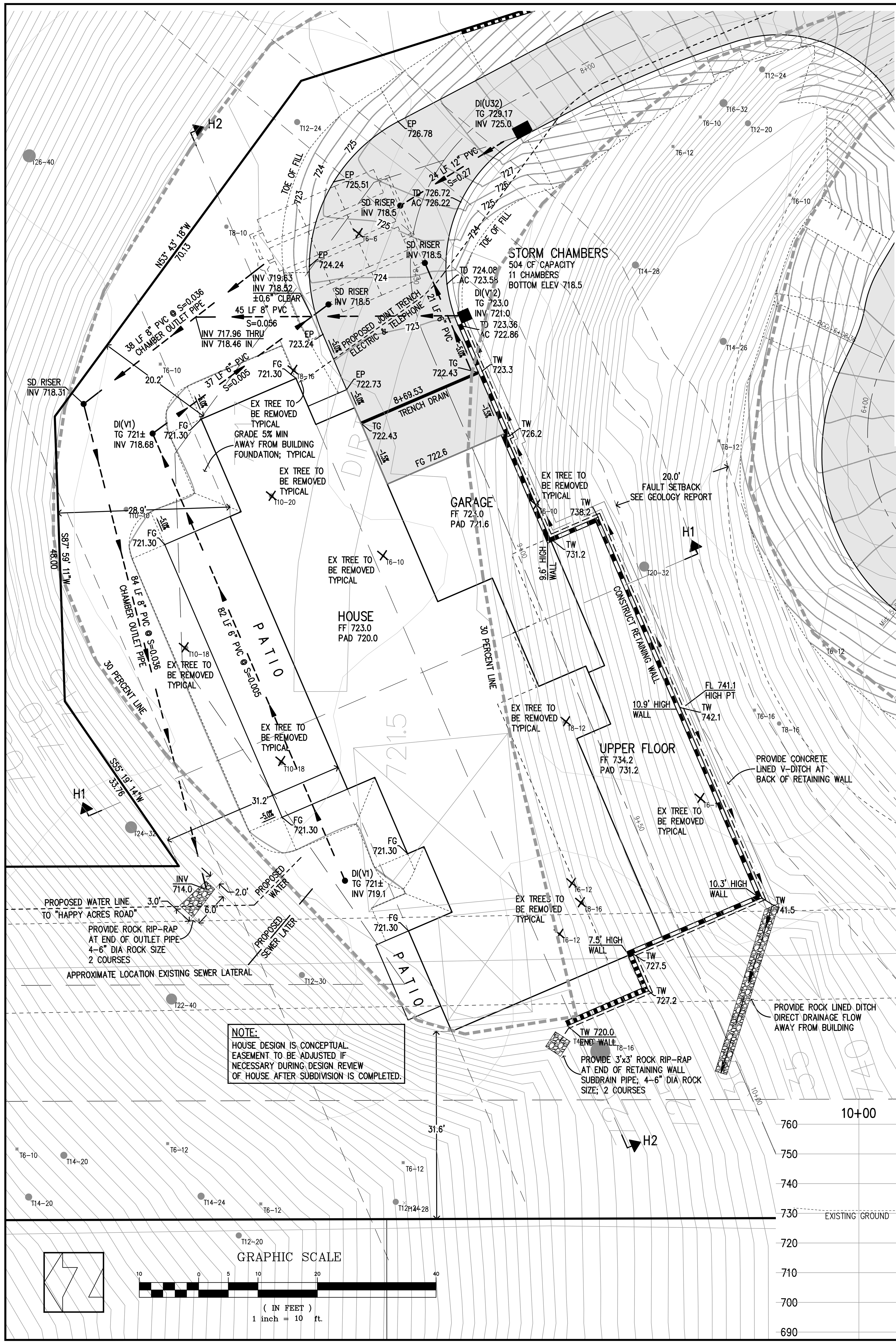
HANNA-BRUNETTI
EST. 1990
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
765 EDLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173 • FAX (408) 842-3862
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

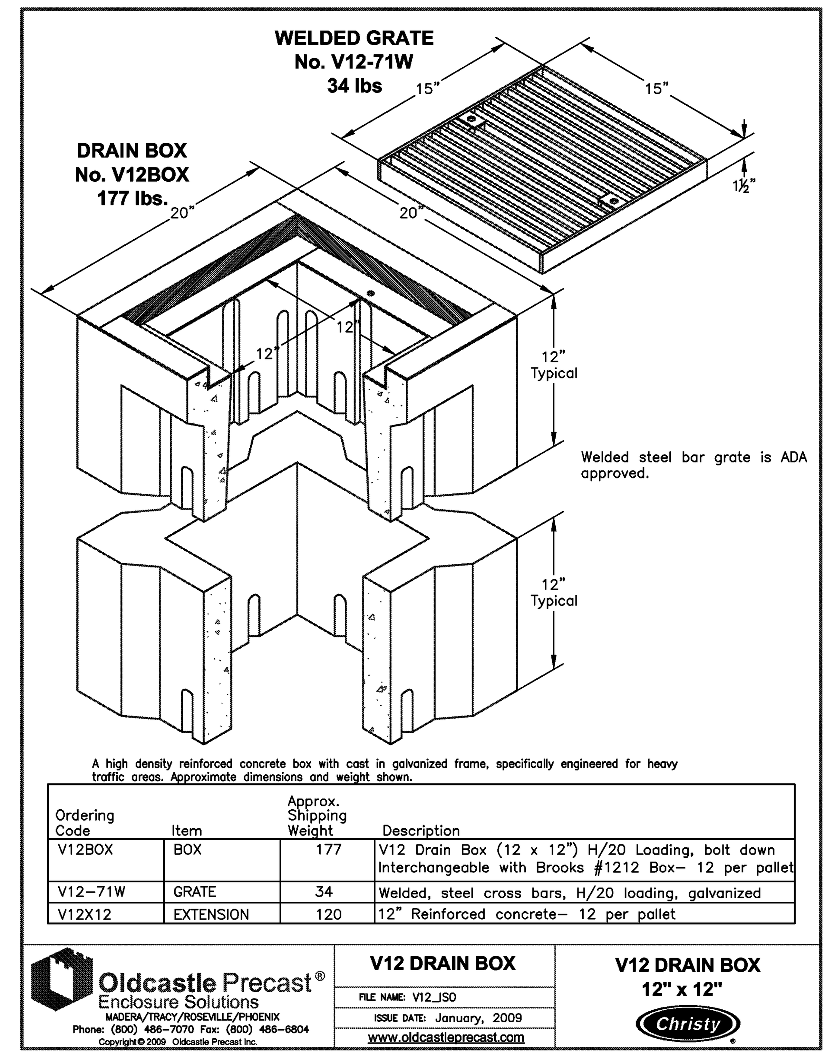
REVISIONS	BY	DATE

SHEET 3 OF 8

REV.: DEC. 2015

HB JOB NO. 19085

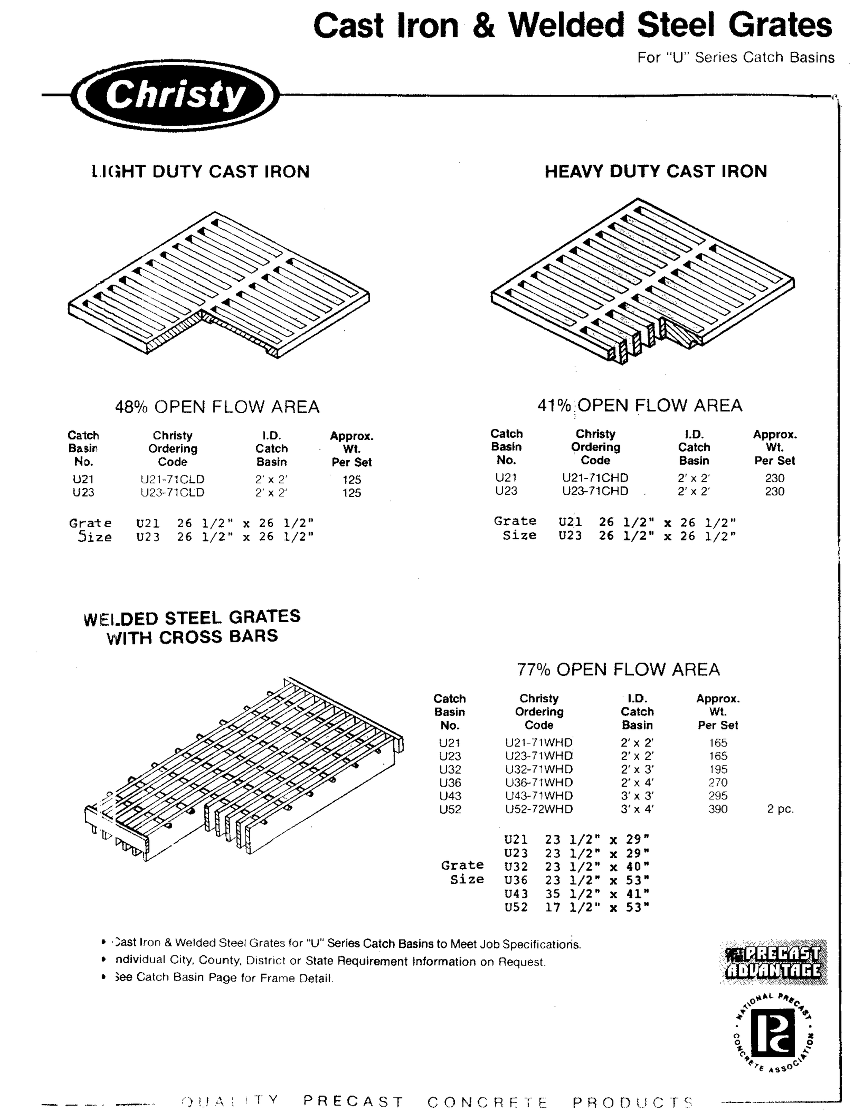




A high density reinforced concrete box with cast in galvanized frame, specifically engineered for heavy traffic areas. Approximate dimensions and weight shown.

Ordering Code	Item	Approx. Shipping Weight	Description
V12BOX	BOX	177	V12 Drain Box (12 x 12") H/20 Loading, bolt down Interchangeable with Brooks #1212 Box– 12 per pallet
V12–71W	GRATE	34	Welded, steel cross bars, H/20 loading, galvanized
V12X12	EXTENSION	120	12" Reinforced concrete– 12 per pallet

Oldcastle Precast® Enclosure Solutions — MADERA/TRACY/ROSEVILLE/PHOENIX — Phone: (800) 486-7070 Fax: (800) 486-6804 — Copyright © 2009 Oldcastle Precast Inc.
V12 DRAIN BOX — FILE NAME: V12_ISO — ISSUE DATE: January, 2009 — www.oldcastleprecast.com
V12 DRAIN BOX 12" x 12" — Christy



Cast Iron & Welded Steel Grates

For "U" Series Catch Basins

Christy

LIGHT DUTY CAST IRON — 48% OPEN FLOW AREA

Catch Basin No.	Christy Ordering Code	I.D. Catch Basin	Approx. Wt. Per Set
U21	U21-71CLD	2' x 2'	125
U23	U23-71CLD	2' x 2'	125

Grate Size: U21 26 1/2" x 26 1/2"; U23 26 1/2" x 26 1/2"

HEAVY DUTY CAST IRON — 41% OPEN FLOW AREA

Catch Basin No.	Christy Ordering Code	I.D. Catch Basin	Approx. Wt. Per Set
U21	U21-71CHD	2' x 2'	230
U23	U23-71CHD	2' x 2'	230

Grate Size: U21 26 1/2" x 26 1/2"; U23 26 1/2" x 26 1/2"

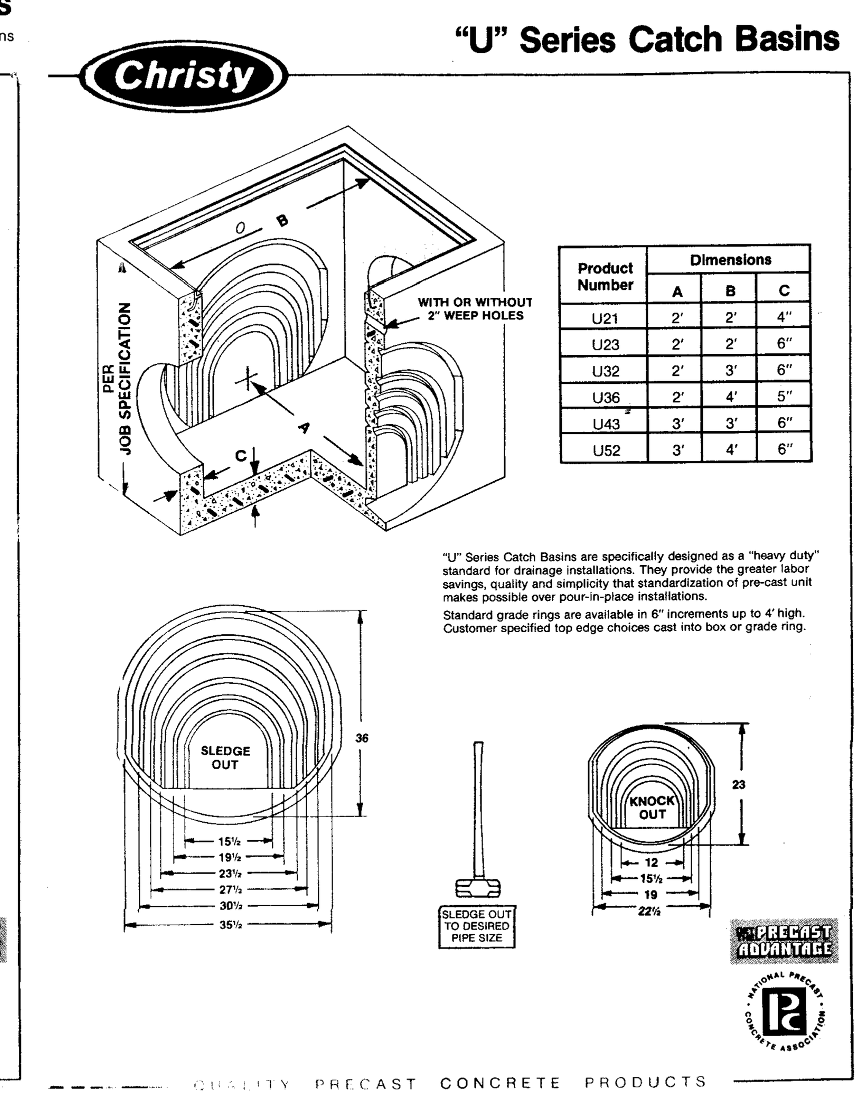
WELDED STEEL GRATES WITH CROSS BARS — 77% OPEN FLOW AREA

Catch Basin No.	Christy Ordering Code	I.D. Catch Basin	Approx. Wt. Per Set
U21	U21-71WHD	2' x 2'	165
U23	U23-71WHD	2' x 2'	165
U32	U32-71WHD	2' x 3'	195
U36	U36-71WHD	2' x 4'	270
U43	U43-71WHD	3' x 3'	295
U52	U52-72WHD	3' x 4'	390 2 pc.

Grate Size: U21 23 1/2" x 29"; U23 23 1/2" x 29"; U32 23 1/2" x 40"; U36 23 1/2" x 53"; U43 35 1/2" x 41"; U52 17 1/2" x 53"

- Cast Iron & Welded Steel Grates for "U" Series Catch Basins to Meet Job Specifications.
- Individual City, County, District or State Requirement Information on Request.
- See Catch Basin Page for Frame Detail.

QUALITY PRECAST CONCRETE PRODUCTS



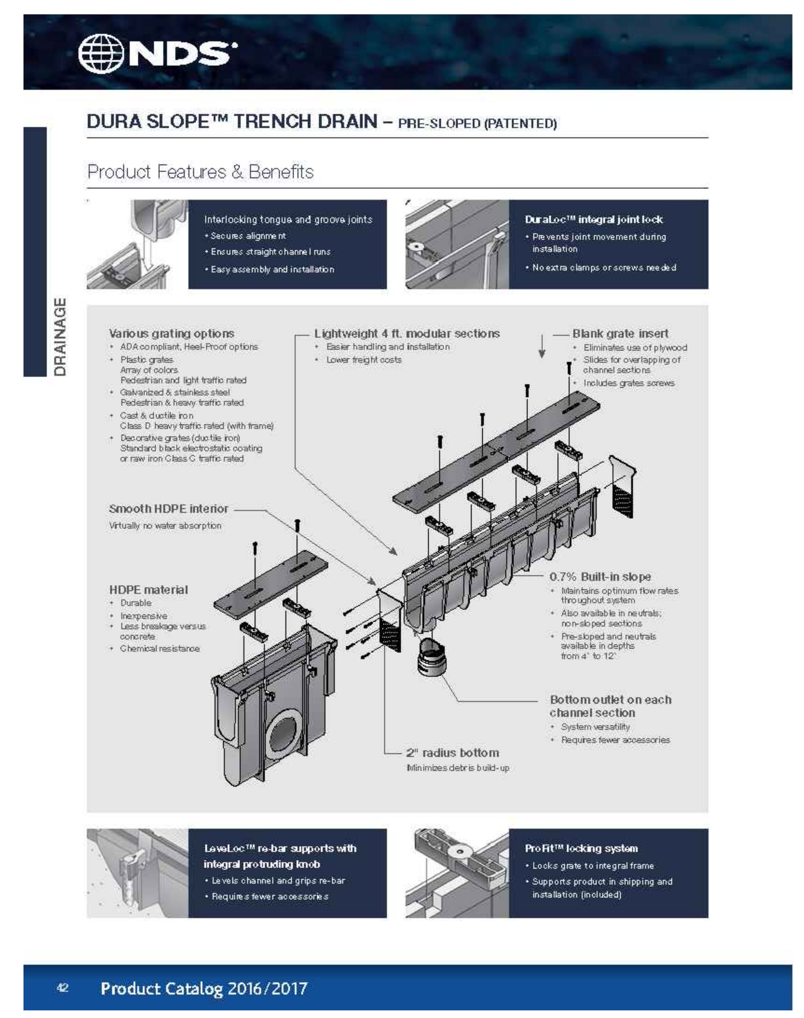
"U" Series Catch Basins

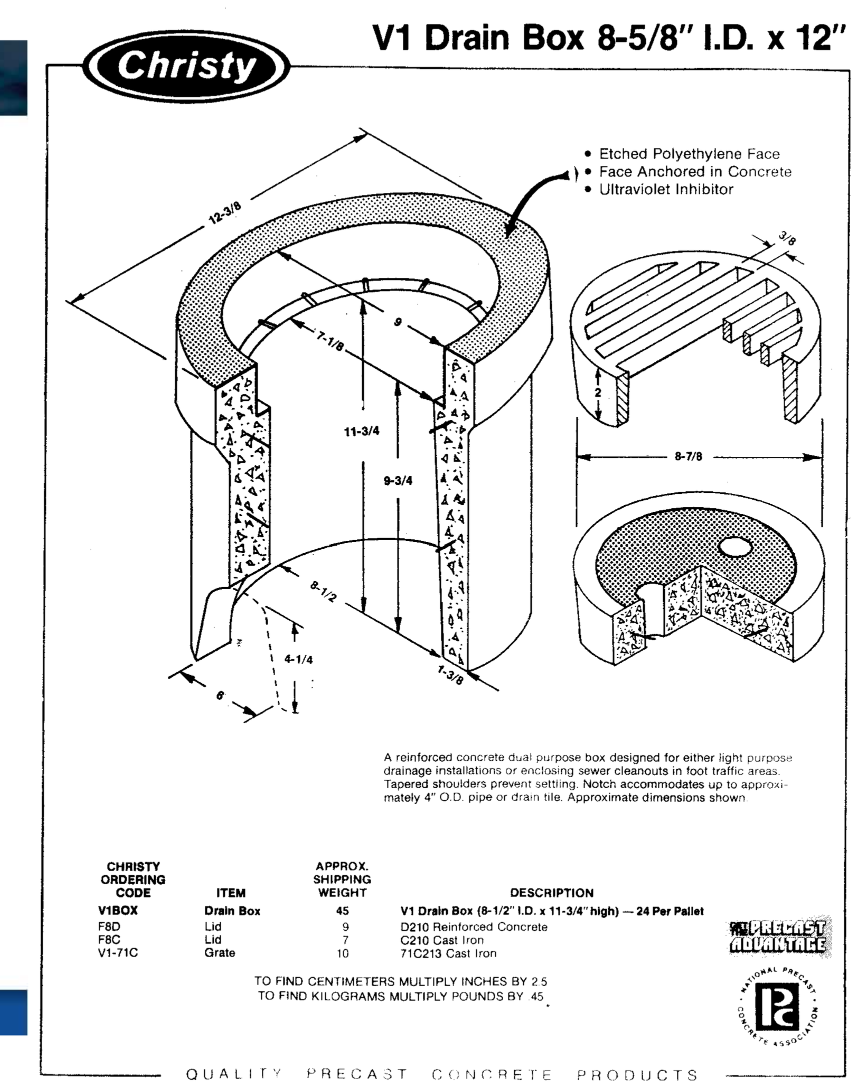
Christy

Product Number	Dimensions A	B	C
U21	2'	2'	4"
U23	2'	2'	6"
U32	2'	3'	6"
U36	2'	4'	5"
U43	3'	3'	6"
U52	3'	4'	6"

"U" Series Catch Basins are specifically designed as a "heavy duty" standard for drainage installations. They provide the greater labor savings, quality and simplicity that standardization of pre-cast unit makes possible over pour-in-place installations.
Standard grade rings are available in 6" increments up to 4' high. Customer specified top edge choices cast into box or grade ring.

QUALITY PRECAST CONCRETE PRODUCTS





V1 Drain Box 8-5/8" I.D. x 12"

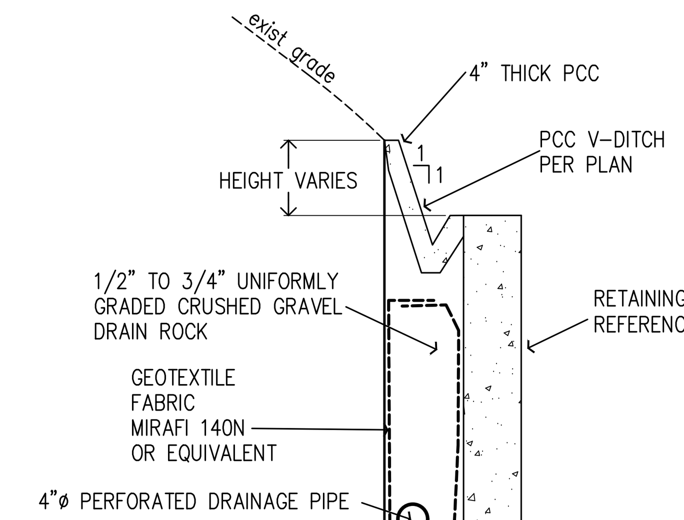
Christy

A reinforced concrete dual purpose box designed for either light purpose drainage installations or enclosing sewer cleanouts in foot traffic areas. Tapered shoulders prevent settling. Notch accommodates up to approximately 4" O.D. pipe or drain tile. Approximate dimensions shown.

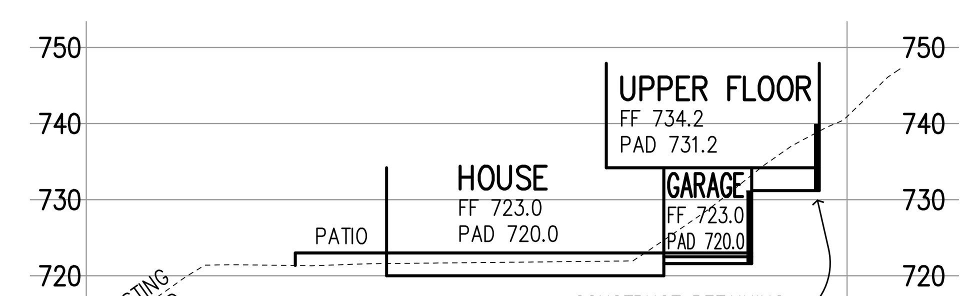
CHRISTY ORDERING CODE	ITEM	APPROX. SHIPPING WEIGHT	DESCRIPTION
V1BOX	Drain Box	45	V1 Drain Box (8-1/2" I.D. x 11-3/4" high) — 24 Per Pallet
F8D	Lid	9	D210 Reinforced Concrete
F8C	Lid	7	C210 Cast Iron
V1-71C	Grate	10	71C213 Cast Iron

TO FIND CENTIMETERS MULTIPLY INCHES BY 2.5
TO FIND KILOGRAMS MULTIPLY POUNDS BY .45

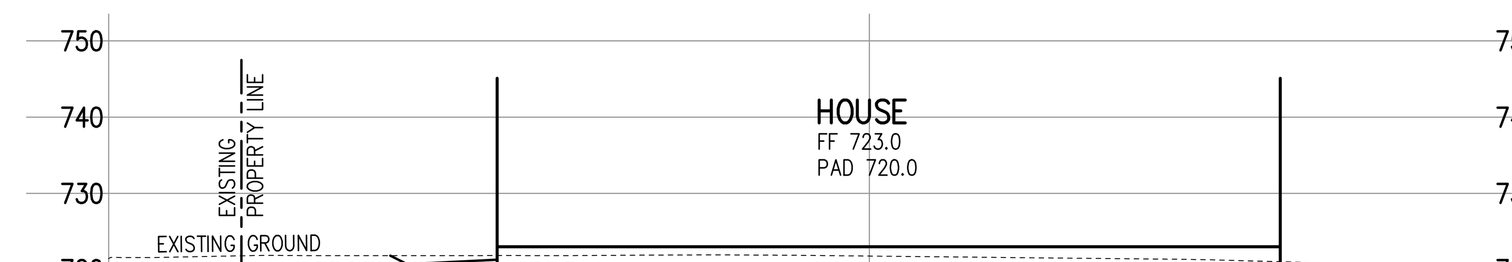
QUALITY PRECAST CONCRETE PRODUCTS



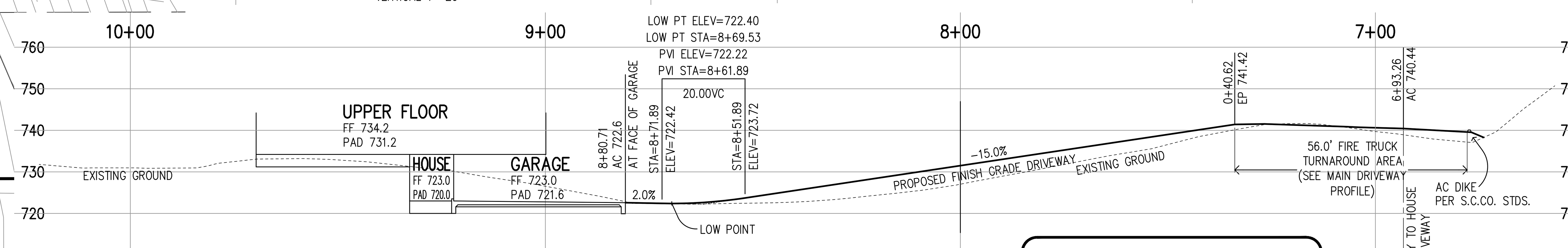
CONCRETE–LINED DITCH AT BACK OF RETAINING WALL
NO SCALE



SECTION H1–H1
SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=20'



SECTION H2–H2
SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=20'



PRIVATE DRIVEWAY PROFILE – TO HOUSE
SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=20'

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

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REGISTERED PROFESSIONAL ENGINEER ★ AMANDA JOY MUSY-VERDEL NO. 69278 EXP. 6-30-22 CIVIL ★ STATE OF CALIFORNIA

DATE:	AUGUST 3, 2020
SCALE:	AS SHOWN
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	19085

PLAN FOR THE IMPROVEMENT OF
LANDS OF NYMAN - 15400 SUVIEW DRIVE
APN 537-24-029
DRIVEWAY PROFILES
[APPLICATION TYPE] APPLICATION NO. [_-_]

PARKS AND PUBLIC WORKS DEPARTMENT
TOWN OF LOS GATOS

HANNA-BRUNETTI EST. 1910
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173 • FAX (408) 842-3662
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

REVISIONS	BY	DATE

REV.: DEC. 2015

HB JOB NO. 19085

GRADING QUANTITIES

DESCRIPTION	CUT	FILL	DEPTH
DRIVEWAY	±1,617 C.Y.	±419 C.Y.	±8.7'/±6.5'
GARAGE	±98 C.Y.	±0 C.Y.	±12.9'/±0'
HOUSE PAD	±342 C.Y.	±0 C.Y.	±13.4'/±0'
HOUSE UPPER FLOOR PAD	±192 C.Y.	±0 C.Y.	±10.9'/±0'

EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED ON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATION MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 1-800-642-2444. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS, INDICATED IN THE FIELD BY LOCATING SERVICES, OR EVIDENCE BY FACILITIES VISIBLE AT OR ADJACENT TO THE JOB SITE. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR AND IS DEEMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.

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GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

REV.: DEC. 2015

HB JOB NO. 19085

REGISTERED PROFESSIONAL ENGINEER
MUSY-VERDEL
NO. 69278
EXP. 6-30-22
CIVIL
STATE OF CALIFORNIA

DATE:	AUGUST 3, 2020
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PLAN FOR THE IMPROVEMENT OF
LANDS OF NYMAN - 15400 SUVIEW DRIVE
APN 537-24-029
GRADING & DRAINAGE PLAN
[APPLICATION TYPE] APPLICATION NO. [_ - _ _]

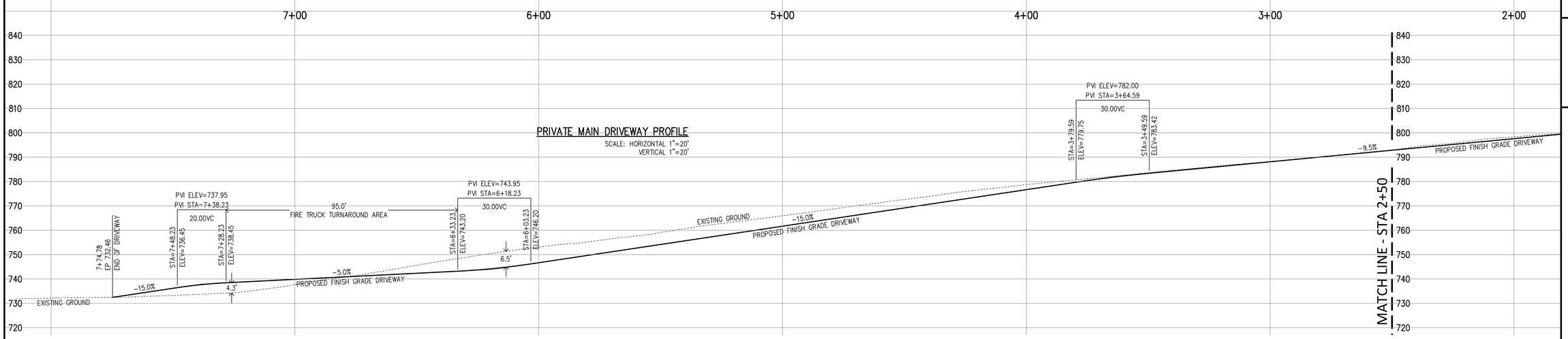
PARKS AND PUBLIC WORKS DEPARTMENT

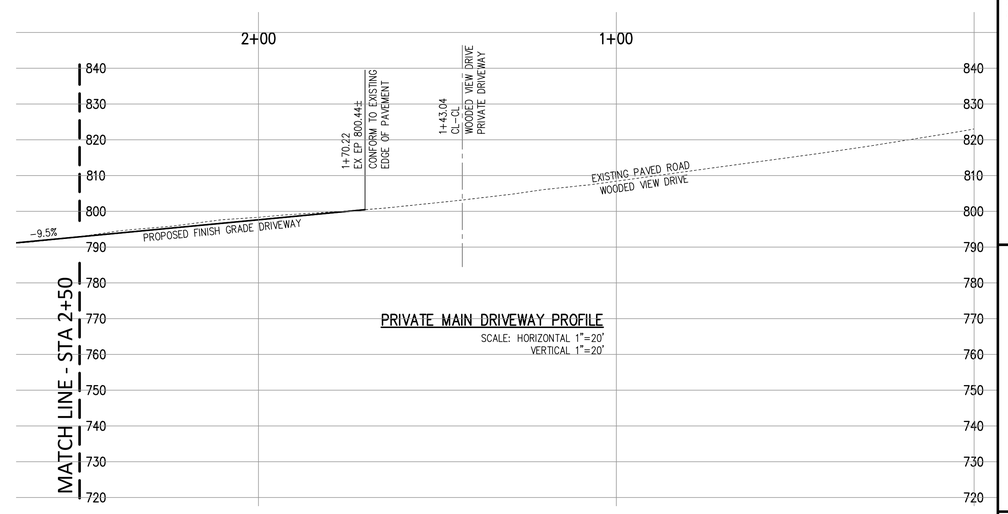
TOWN OF LOS GATOS

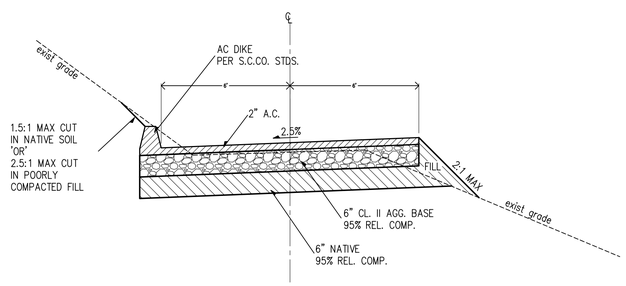
HANNA-BRUNETTI
EST. 1950
CIVIL ENGINEERS • LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA
OFFICE (408) 842-2173 • FAX (408) 842-3662
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

REVISIONS	BY	DATE

SHEET 5 OF 8

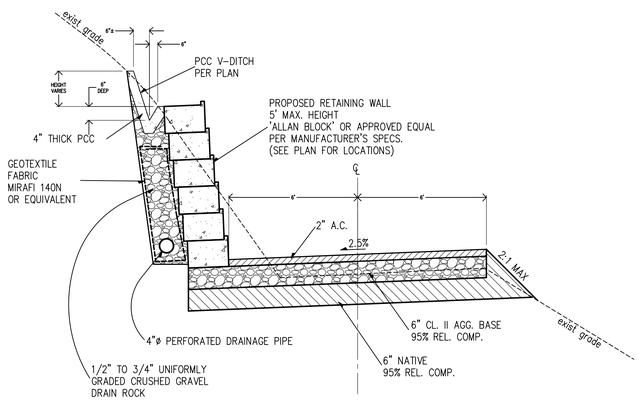






TYPICAL 12' DRIVEWAY

NO SCALE



TYPICAL 12' DRIVEWAY W/RETAINING WALL

NO SCALE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

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REGISTERED PROFESSIONAL ENGINEER
MUSY-VERDEL
NO. 69278
EXP. 6-30-22
CIVIL
STATE OF CALIFORNIA

DATE:	AUGUST 3, 2020
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PLAN FOR THE IMPROVEMENT OF

LANDS OF NYMAN - 15400 SUVIEW DRIVE

APN 537-24-029

DRIVEWAY PROFILES

[APPLICATION TYPE] APPLICATION NO. [_-_-_]

PARKS AND PUBLIC WORKS DEPARTMENT

TOWN OF LOS GATOS

HANNA-BRUNETTI
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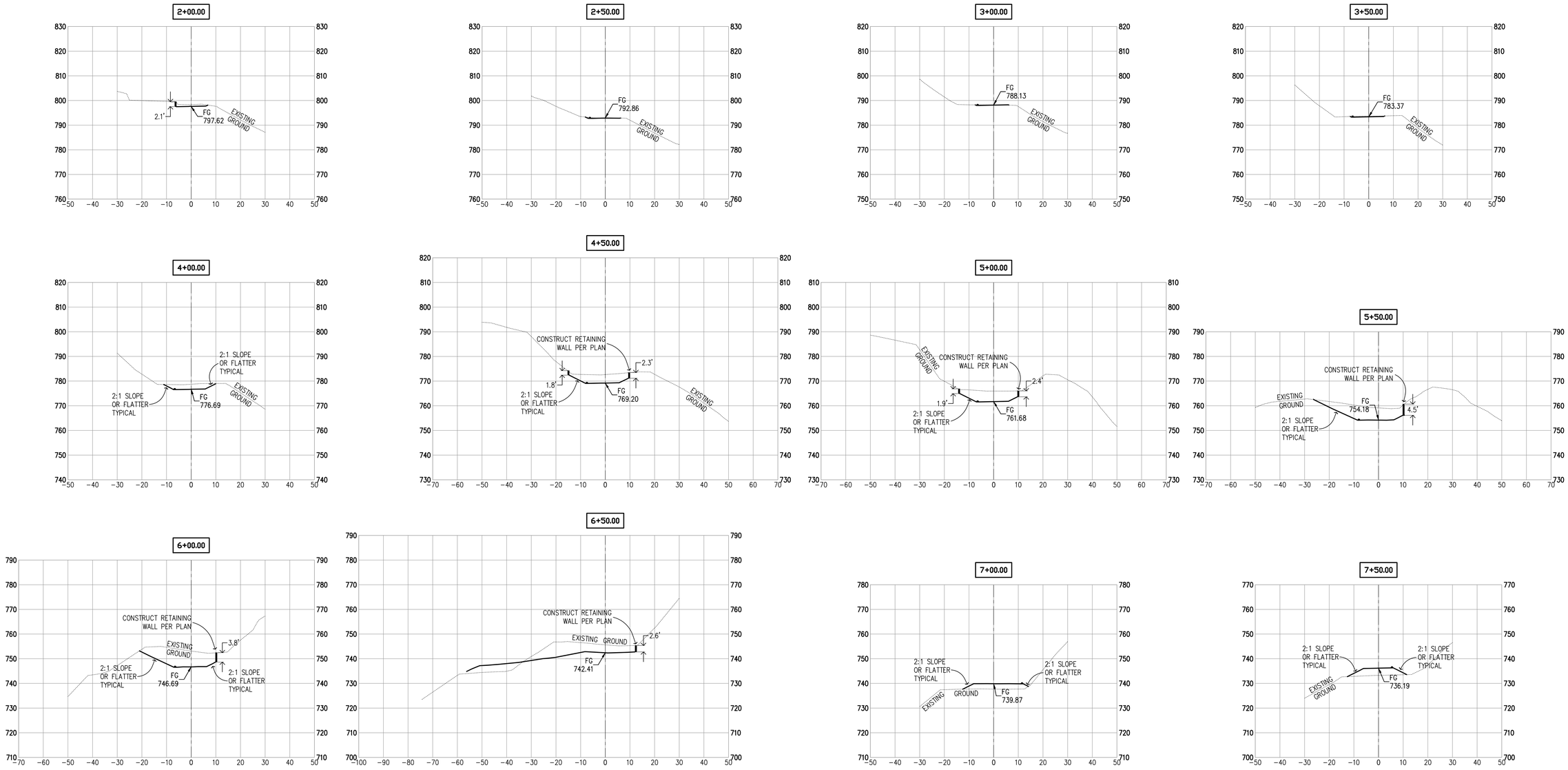
REVISIONS	BY	DATE

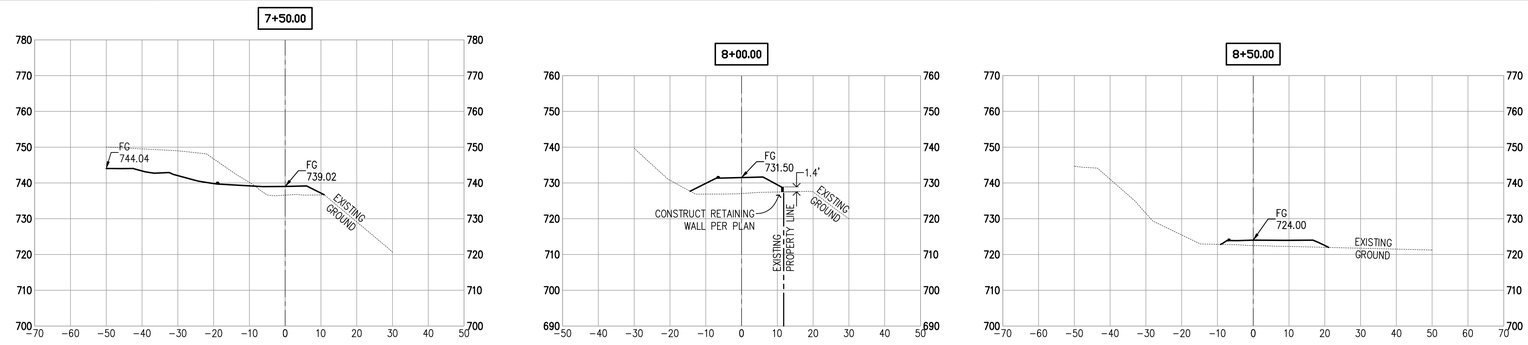
SHEET 6 OF 8

REV.: DEC. 2015

HB JOB NO. 19085



MAIN DRIVEWAY SECTIONS FROM WOODED VIEW DRIVE - STA 1+70.22 TO 7+74.78



HOUSE DRIVEWAY SECTIONS - STA 6+93.26 TO 8+80.71

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER ★ AMANDA JOY MUSY-VERDEL NO. 69278 EXP. 6-30-22 CIVIL ★ STATE OF CALIFORNIA

DATE: AUGUST 3, 2020
SCALE: AS SHOWN
DESIGN: AM
DRAWN: TM
CHECK: XX
ENGR: AM
PROJECT NO.: 19085

PLAN FOR THE IMPROVEMENT OF
LANDS OF NYMAN - 15400 SUVIEW DRIVE
APN 537-24-029
DRIVEWAY CROSS SECTIONS
[APPLICATION TYPE] APPLICATION NO. [_-_-__]
TOWN OF LOS GATOS
PARKS AND PUBLIC WORKS DEPARTMENT

HANNA-BRUNETTI
EST. 1910
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REVISIONS	BY	DATE

SHEET 7 OF 8

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

REV.: DEC. 2015

HB JOB NO. 19085

EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES SHALL BE EFFECTIVE FOR CONSTRUCTION DURING THE RAINY SEASON; OCTOBER 15 THROUGH APRIL 15.

2. NO STORM WATER RUNOFF SHALL BE ALLOWED TO DRAIN INTO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM SYSTEM UNTIL SUITABLE EROSION CONTROL MEASURES ARE FULLY IMPLEMENTED. NO STORM WATER RUNOFF SHALL BE ALLOWED TO ENTER THE STORM DRAIN SYSTEM THAT IS NOT CLEAR, AND FREE OF SILTS.

3. A FIBER ROLL PER "FIBER ROLL DETAIL SE-5" SHALL BE INSTALL ALONG THE PERIMETER OF THE PROJECT SITE. THE LOCATION OF THE FIBER ROLL ALONG THE PERIMETER SHALL BE ADJUSTED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. A FIBER ROLL SHALL ALSO BE REQUIRED AROUND THE PERIMETER OF ANY STOCKPILE OR OTHER SITE OF BARE, LOOSE EARTH.

4. ALL STORM DRAIN MANHOLES, CATCH BASINS, AND/OR DROP INLETS THAT ARE TO ACCEPT STORM WATER SHALL HAVE INLET PROTECTION MEASURES PER DETAIL SE-10. STORM WATER RUNOFF SHALL BE DIRECTED TO THESE INLETS ONLY. STORM DRAIN CATCH BASINS THAT ARE NOT COMPLETE, SHALL BE BLOCKED OFF COMPLETELY.

5. THE NAME, ADDRESS, AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN SHALL BE PROVIDED TO THE CITY.

6. PRIOR TO GRADING, AN ENTRANCE SHALL BE CONSTRUCTED, CONSISTING OF A MINIMUM OF 50 LF OF DRAIN ROCK, 3" IN DIAMETER, PLACED OVER MIRAFI 500X (OR EQUAL) PER DETAIL TC-1. THE ENTRANCE SHALL CONFORM TO "CONSTRUCTION ENTRANCE DETAIL TC-1". THERE SHALL BE ONLY ONE ENTRANCE/EXIT POINT TO THE SITE DURING THE RAINY SEASON. THE LOCATION SHALL BE AS SHOWN ON THESE PLANS, OR AT A LOCATION APPROVED BY THE CITY.

7. ALL AREAS OF BARE, TURNED OR DISTURBED EARTH SHALL BE STABILIZED BY USE OF HYDROSEED OR NON-VEGETATIVE STABILIZATION PER EC-16, PER THE TABLE BELOW. ALL STOCKPILES, AND/OR BORROW AREAS SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES SUCH AS A PERIMETER SILT FENCE, AND OTHER METHODS TO PREVENT ANY EROSION OR SILTS MIGRATION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE QSD. THE STORM DRAIN SYSTEM SHALL MAINTAIN A FORM OF DRAIN INLET PROTECTION UNTIL CITY ACCEPTS THE FINAL STREET IMPROVEMENTS. THE DRAIN INLET PROTECTION SHALL BE MAINTAINED, EFFECTIVE AND SUBJECT TO CITY ENGINEER'S APPROVAL.

8. ALL PAVED STREET, AND AREAS ADJACENT TO THE SITE SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO ELIMINATE SEDIMENT LADEN RUNOFF FROM ENTERING THE STORM DRAIN SYSTEM.

9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH DAY. ANY DAMAGED STRUCTURAL MEASURES ARE TO BE REPAIRED BY END OF THE DAY. TRAPPED SEDIMENT IN "SD INLETS" (AND OTHER EROSION CONTROL MEASURES) SHALL BE REMOVED TO MAINTAIN TRAP EFFIENCY. REMOVED SEDIMENT SHALL BE DISPOSED BY SPREADING ON SITE, WHERE IT WILL NOT MIGRATE.

10. IT IS THE RESPOSIBILITY OF THE CONTRACTOR TO PREVENT THE FORMATION OF AIRBORNE DUST NUISANCE AND SHALL BE RESPOSIBILE FOR ANY DAMAGE RESULTING FROM A FAILURE TO DO SO.

11. ALL DRAIN SWALES SHALL BE PER DETAIL EC-9.

12. INCOMPLETE GRADING SHALL NOT BE ALLOWED. CONTRATOR SHALL MAINATIN A DRAIN PATH AS SHOWN ON THIS PLAN. SAID DRAIN PATH SHALL BE MAINTAINED LINED DRAIN SWALES, AND INLET PROTECTION AT A MINIMUM. IF PONDING DOES OCCUR ON THE SITE AFTER GRADING, THE WATER MUST BE FREE AND CLEAR OF SEDIMENT PRIOR TO DISCHARGE TO THE STORM DRAIN SYSTEM. THIS REQUIREMENT MAY NECESSITATE THE USE OF NATURAL AND/OR MECHANICAL DESILTING METHODS, SUBJECT TO APPROVAL BY THE CITY ENGINEER.

13. IF THESE EROSION CONTROL MEASURE PROVE INADEQUATE, STRAW MULCH, TACKIFIER, AND ADDITIONAL HYDROSEEDING MAY BE REQUIRED.

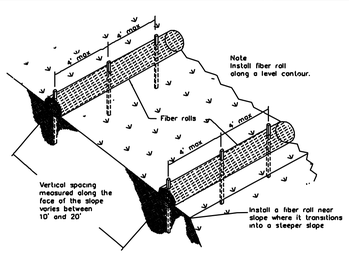
HYDROSEED TABLE

ITEM	LBS/ACRE
COMMON BARLEY	45
ANNUAL RYEGRASS	45
CRIMSON CLOVER	10
FERTILIZER 7-2-3	400
FIBER MULCH	2000
TACKIFIER	100

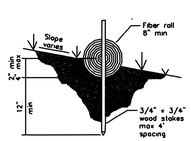
LEGEND

- CONSTRUCTION ENTRANCE/EXIT PER DETAIL TC-1
- FIBER ROLL BARRIER PER DETAIL SE-5
- STORM DRAIN INLET PROTECTION PER DETAIL SE-10
- SILT FENCE BARRIER PER DETAIL SE-1

SE-5 Fiber Rolls

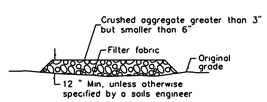


TYPICAL FIBER ROLL INSTALLATION
N.T.S.

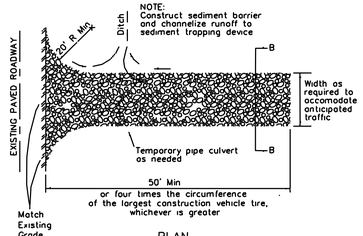


ENTRENCHMENT DETAIL
N.T.S.

Stabilized Construction Entrance/Exit TC-1

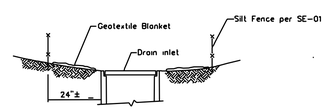


SECTION B-B
NTS

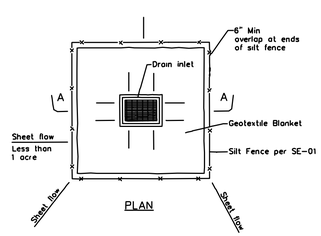


PLAN
NTS

SE-10 Storm Drain Inlet Protection



SECTION A-A

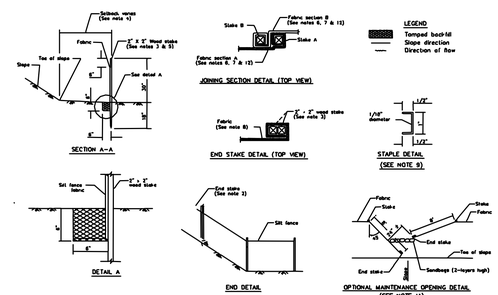


PLAN

DI PROTECTION TYPE 1
NOT TO SCALE

NOTES
1 For use in areas where grading has been completed and final soil stabilization and seeding are pending
2 Not applicable in paved areas
3 Not applicable with concentrated flows.

SE-1 Silt Fence



GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

REV.: DEC. 2015

REGISTERED PROFESSIONAL ENGINEER
MARK J. MUSY-VERDEL
NO. 69278
EXP. 6-30-22
CIVIL
STATE OF CALIFORNIA

DATE:	AUGUST 3, 2020
SCALE:	AS SHOWN
DESIGN:	AM
DRAWN:	TM
CHECK:	XX
ENGR:	AM
PROJECT NO.:	19085

PLAN FOR THE IMPROVEMENT OF
LANDS OF NYMAN - 15400 SUVIEW DRIVE
APN 537-24-029
EROSION CONTROL PLAN
[APPLICATION TYPE] APPLICATION NO. [_-_-__]
TOWN OF LOS GATOS
PARKS AND PUBLIC WORKS DEPARTMENT

HANNA-BRUNETTI
EST. 1956
CIVIL ENGINEERS - LAND SURVEYORS
CONSTRUCTION MANAGERS
7651 EIGLEBERRY STREET - GILROY - 95020 - CALIFORNIA
OFFICE (408) 842-2173 - FAX (408) 842-3822
EMAIL: ENGINEERING @ HANNABRUNETTI.COM

DATE	BY	REVISIONS

SHEET 8 OF 8

HB JOB NO. 19085