Call Two Working Days Before You Dig

1-800-227-2600

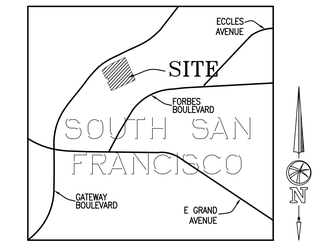
IMPROVEMENT PLANS
GATEWAY HOTEL
CITY OF SOUTH SAN FRANCISCO

SAN MATEO COUNTY CALIFORNIA

AUGUST 2017

OWNER/DEVELOPER:
SRI KRISHINA ENTERPRISE
300 GATEWAY BLVD
SOUTH SAN FRANCISCO, CA, 94080

CIVIL ENGINEER:
BELLECCI & ASSOCIATES, INC.
2290 DIAMOND BOULEVARD, SUITE 100
CONCORD, CA 94520
(925) 685-4569



VICINITY MAP
NTS

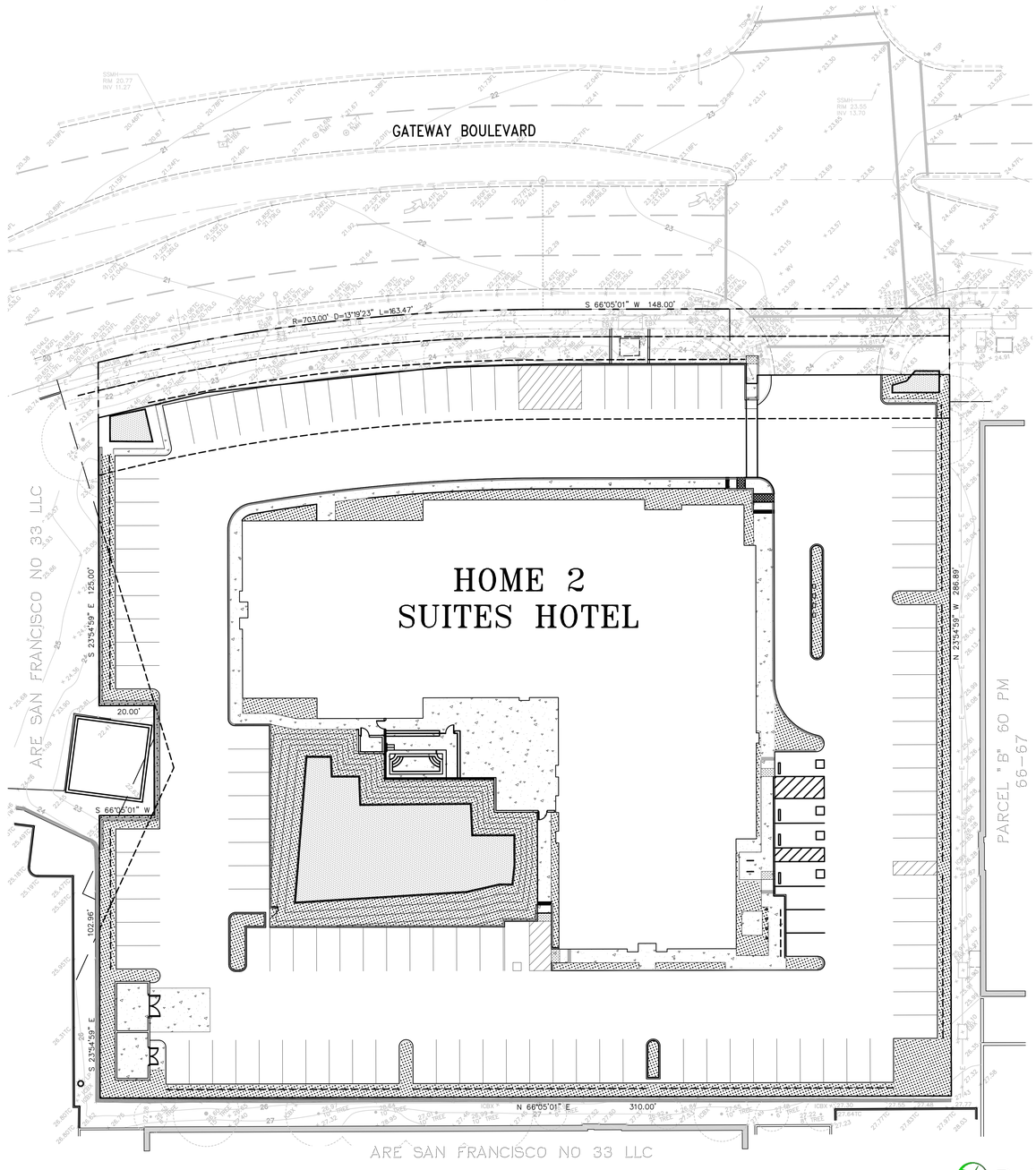
ENGINEERING GENERAL NOTES

1. THE ENGINEER ASSUMES NO RESPONSIBILITY BEYOND THE ADEQUACY OF HIS DESIGN CONTAINED HEREIN.
2. THE CIVIL ENGINEERING DESIGN SHOWN HEREON WAS PREPARED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING AND/OR SURVEYING PRACTICES APPLICABLE ON THE DATE OF SIGNATURE BY THE ENGINEER. IF CONSTRUCTION OF THE IMPROVEMENTS SHOWN HEREON DOES NOT COMMENCE WITHIN EIGHT MONTHS FROM THE DATE OF SIGNATURE BY THE ENGINEER, THE PLANS MUST BE REVIEWED FOR CURRENT COMPLIANCE WITH GENERALLY ACCEPTED ENGINEERING AND/OR SURVEYING PRACTICES AND RE-ISSUED BY THE ENGINEER PRIOR TO ANY WORK BEING PERFORMED.
3. 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.
4. CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR PUBLIC WORKS, AMBULANCE, POLICE AND FIRE DEPARTMENTS.
5. ENCROACHMENT PERMITS REQUIRED FOR WORK WITHIN EXISTING PUBLIC RIGHTS OF WAY SHALL BE OBTAINED BY THE CONTRACTOR.
6. WHEN BELLECCI & ASSOCIATES, INC. IS TO PROVIDE THE CONSTRUCTION STAKES, THE NUMBER AND LOCATION OF STAKES REQUIRED SHALL BE DETERMINED BEFORE THE CONSTRUCTION BEGINS AND SHALL BE AGREED UPON BY BELLECCI & ASSOCIATES, INC., THE OWNER AND THE CONTRACTOR. ALL STAKING REQUESTS SHOULD BE DIRECTED TO THE ENGINEER A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO ACTUAL NEED. ANY ADDITIONAL STAKING OR RESTAKING WILL ONLY BE DONE AS DIRECTED AND AUTHORIZED BY THE OWNER OR HIS AUTHORIZED AGENT.
7. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ANY WORK PERFORMED BY THE CONTRACTOR AND/OR OWNER BASED ON DRAWINGS WHICH HAVE NOT BEEN SIGNED AND SEALED BY THE ENGINEER, APPROVED BY THE CITY OF SOUTH SAN FRANCISCO, AND SPECIFICALLY NOTED AS "APPROVED FOR CONSTRUCTION" BY THE ENGINEER. ALL INFORMATION SHOWN ON PRELIMINARY DRAWINGS IS SUBJECT TO CORRECTION AND/OR CHANGE AND THE CONTRACTOR AND/OR OWNER SHALL PERFORM ANY AND ALL IMPROVEMENTS AT THEIR OWN RISK.
8. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL EASEMENTS, RIGHTS OF ENTRY, ETC. NECESSARY TO CONSTRUCT ANY WORK SHOWN HEREON.
9. OBSTRUCTIONS INDICATED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH WITH THE APPROPRIATE AGENCIES PRIOR TO CONSTRUCTION OR CONSTRUCTION STAKING BY THE ENGINEER. ANY RESTAKING REQUIRED AS A RESULT OF OBSTRUCTIONS ENCOUNTERED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER ASSUMES RESPONSIBILITY THAT THE OBSTRUCTIONS INDICATED WILL BE THE OBSTRUCTIONS ENCOUNTERED. ALL EXISTING ELEVATIONS SHOWN ARE AS MEASURED IN THE FIELD UNLESS OTHERWISE NOTED.
10. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM BELLECCI & ASSOCIATES, INC.
11. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SAFETY OR TESTING EQUIPMENT AND PERSONNEL.
12. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH CALTRANS AND CAL-OSHA SPECIFICATIONS.
13. IF ANY CULTURAL FEATURES OR ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING, OR OTHER EXCAVATION WORK, ALL WORK WITHIN THIRTY YARDS (30 YD) OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST CERTIFIED BY THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES ARE DETERMINED AND IMPLEMENTED, IF DEEMED NECESSARY.
14. REMOVE ALL TREES AND BRUSH IN RIGHT-OF-WAY UNLESS SPECIFICALLY NOTED FOR PRESERVATION.
15. ALL WORK SHALL CONFORM TO THE CURRENTLY ADOPTED EDITIONS OF THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF SOUTH SAN FRANCISCO UNLESS OTHERWISE NOTED.
16. THE INSTALLATIONS OF EROSION CONTROL FACILITIES AND MEASURES IS NECESSARY AT ALL TIMES.
17. REFER TO CITY OF SOUTH SAN FRANCISCO, ENGINEERING PROCEDURES MANUAL OF STANDARD PLANS AND SPECIFICATIONS FOR ADDITIONAL IMPORTANT INFORMATION AND REQUIREMENTS.
18. CONTOUR INTERVAL SHOWN, ON THE PLANS ARE AT 1 FOOT MINOR AND 5 FOOT MAJOR.

MISCELLANEOUS GENERAL NOTES

1. APPROVAL OF THESE PUBLIC IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
2. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY WHETHER OR NOT IT IS SHOWN HEREON, AND IS RESPONSIBLE FOR CORRECTING ANY DAMAGE TO SAID UTILITIES.
3. LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) TO OBTAIN A U.S.A. IDENTIFICATION NUMBER AND TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO ACTUAL LOCATION OF EXISTING FACILITIES.
4. ALL WORK SHALL CONFORM TO THE CURRENT ADOPTED EDITIONS OF THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF SOUTH SAN FRANCISCO UNLESS OTHERWISE NOTED.
5. "CITY ENGINEER" SHALL MEAN THE CITY ENGINEER OR HIS/HER AUTHORIZED AGENT ACTING WITHIN THE SCOPE OF HIS/HER AUTHORITY.
6. THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION CONFERENCE AT THE JOB SITE WITH THE CITY, DEVELOPER, SUBCONTRACTORS, UTILITIES, AND OTHER AFFECTED AGENCIES AT LEAST TWO (2) WORKING DAYS PRIOR TO STARTING ANY CONSTRUCTION WORK. THE CONTRACTOR MUST HAVE APPROVED PLANS PRIOR TO SCHEDULING A PRECONSTRUCTION MEETING.
7. TRAFFIC CONTROL SHALL BE PROVIDED IN CONFORMANCE WITH THE LATEST EDITION OF THE 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)' ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION AND AS REQUIRED BY THE CITY ENGINEER.
8. CONTRACTOR'S OPERATIONS SHALL CONFORM TO THE RULES AND REGULATIONS OF THE STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS PERTAINING TO TRENCHES AND EXCAVATIONS.
9. CONTRACTOR SHALL PROVIDE AT LEAST TWO (2) WORKING DAYS ADVANCE NOTICE TO THE CITY ENGINEER PRIOR TO CONNECTING TO EXISTING WATER FACILITIES. THE MANIPULATION OF EXISTING WATER VALVES SHALL BE DONE UNDER THE DIRECTION OF CITY WATER DIVISION PERSONNEL.
10. IF DRIVEWAY DEPRESSIONS ARE MADE IN ANY CURB, DRIVEWAY APPROACHES ARE THEN CONSIDERED TO BE PART OF THE IMPROVEMENT PLAN AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF SOUTH SAN FRANCISCO STANDARD PLANS.
11. TREES SHALL NOT BE PLANTED WITHIN THE CITY OF SOUTH SAN FRANCISCO RIGHT-OF-WAY UNLESS A PERMIT HAS BEEN OBTAINED FROM THE PUBLIC WORKS DEPARTMENT, OR IF THE TREES ARE PLANTED IN ACCORDANCE WITH A LANDSCAPE PLAN APPROVED BY THE CITY ENGINEER AND THE COMMUNITY DEVELOPMENT DIRECTOR.
12. JOINTS BETWEEN NEW PAVEMENT AND EXISTING PAVEMENT SHALL BE MADE BY SAW-CUTTING EXISTING PAVEMENT TO EFFECT A NEAT BUTT JOINT AND AS DEPICTED ON THE CITY STANDARD PLANS. FEATHERING NEW ASPHALT PAVING OVER EXISTING PAVEMENT IS NOT ALLOWED.
13. NO FINAL PAVING SHALL BE DONE UNTIL EXISTING POWER POLES AND OTHER EXISTING FACILITIES, ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
14. ALL UNDERGROUND UTILITIES SHALL BE CONSTRUCTED PRIOR TO THE PLACEMENT OF BASEROCK UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
15. ALL PAVEMENT MARKINGS IN THE PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC UNLESS SPECIFICALLY CALLED OUT AS PAINT. NO PERMANENT MARKINGS SHALL BE PLACED UNTIL THE CITY TRAFFIC ENGINEER, CITY ENGINEER OR HIS REPRESENTATIVE APPROVES CAT TRACKING IN THE FIELD.
16. BLUE REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED AT EACH FIRE HYDRANT LOCATION AS SHOWN ON THE CITY OF SOUTH SAN FRANCISCO STANDARD PLANS.
17. ALL TRAFFIC SIGNS AND STREET NAME SIGNS SHALL BE HIGH REFLECTIVE GRADE MATERIALS.
18. THE IMPROVEMENT PLANS SHALL REFLECT THAT ALL ON-SITE/OFF-SITE STORM DRAIN INLETS SHALL BE 'NO DUMPING DRAINS TO CREEK' STENCILED, USING A TWO-STEP THERMOPLASTIC ON THE FACE OF THE CURB ADJACENT TO THE INLET. THE PROJECT PLANS SHALL ALSO INCLUDE EROSION CONTROL MEASURES TO PREVENT SOIL, DIRT AND DEBRIS FROM ENTERING THE STORM DRAIN SYSTEM, IN ACCORDANCE WITH THE REGULATIONS OUTLINED IN THE ASSOCIATION OF BAY AREA GOVERNMENTS (ABAG) EROSION AND SEDIMENT CONTROL HANDBOOK.
19. THE CITY ENGINEER PRIOR TO THE PLACEMENT OF CONCRETE, MUST APPROVE FORMS FOR CURBS, GUTTERS, AND SIDEWALKS.
20. THE CONTRACTOR SHALL REVIEW THE CURRENT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PROVIDED BY THE OWNER. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY FOR CONDUCTING HIS/HER OPERATIONS IN ADHERENCE TO THE SWPPP. THE CONTRACTOR IS RESPONSIBLE FOR ANY FINES, DELAYS, AND/OR DAMAGES RESULTING FROM ANY STATE WATER QUALITY CONTROL BOARD SANCTIONS CAUSED BY THE OPERATION OF THE CONTRACTOR OR HIS/HER SUBCONTRACTORS.
21. A CERTIFIED DISTRIBUTION SYSTEM OPERATOR MUST BE PRESENT FOR ALL HYDROSTATIC TESTING, CHLORINATION, FLUSHING , BACTERIA TESTING AND CONNECTIONS TO THE EXISTING SYSTEM, PER CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, OPERATOR CERTIFICATION REGULATIONS, SECTION 63770. THE CITY OF SOUTH SAN FRANCISCO CITY ENGINEER MUST RECEIVE THE REQUEST FOR THE CERTIFIED OPERATOR TO BE PRESENT FOR THESE OPERATIONS IN WRITING NO LESS THAN SIX (6) WORKING DAYS PRIOR TO THE ANTICIPATED DATE OF WORK.

WDID # _____



KEY MAP
SCALE: 1"= 20'

SHEET INDEX	
1	SHEET INDEX AND GENERAL NOTES
2	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
3	DEMOLITION PLAN AND EXISTING CONDITIONS
4	DIMENSION SITEPLAN
5	ROUGH GRADING PLAN
6	GRADING PLAN
7	UTILITY PLAN
8	STORM WATER CONTROL PLAN
9	STORM WATER CONTROL PLAN CALCULATIONS
10	EROSION CONTROL-PHASE 1
11	EROSION CONTROL-PHASE 2
12	EROSION CONTROL-DETAILS
13	DETAILS
14	HYDROLOGY

20 10 0 20 40 60
SCALE IN FEET

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. IRGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY
NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

SHEET INDEX & GENERAL NOTES

#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C1 OF C14

K:\Projects\2016\16164\Dwg\MP\CORRSHEET.dwg, Layout1, Aug 24, 2017 8:15am, kamin

Call Two Working Days Before You Dig

1-800-227-2600

GENERAL NOTES

A. AN ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE CITY OF SOUTH SAN FRANCISCO FOR ANY WORK TO BE PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY. (NOTE ALL OTHER PERMIT REQUIREMENTS FROM ANY OTHER AFFECTED AGENCIES.)

B. APPROVAL OF THESE PUBLIC IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.

C. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY WHETHER OR NOT IT IS SHOWN HEREON, AND IS RESPONSIBLE FOR CORRECTING ANY DAMAGE TO SAID UTILITIES.

D. LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) TO OBTAIN A U.S.A. IDENTIFICATION NUMBER AND TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO ACTUAL LOCATION OF EXISTING FACILITIES.

E. ALL WORK SHALL CONFORM TO THE CURRENTLY ADOPTED EDITIONS OF THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF SOUTH SAN FRANCISCO UNLESS OTHERWISE NOTED.

F. "CITY ENGINEER" SHALL MEAN THE CITY ENGINEER OR HIS/HER AUTHORIZED AGENT ACTING WITHIN THE SCOPE OF HIS/HER AUTHORITY.

G. THE DEVELOPER SHALL TELEPHONE THE CITY OF SOUTH SAN FRANCISCO ENGINEERING DIVISION, (650) 829-6652, AT LEAST TWO (2) WORKING DAYS PRIOR TO STARTING CONSTRUCTION WORK.

H. THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION CONFERENCE AT THE JOB SITE WITH THE CITY, DEVELOPER, SUBCONTRACTORS, UTILITIES, AND OTHER AFFECTED AGENCIES AT LEAST TWO (2) WORKING DAYS PRIOR TO STARTING ANY CONSTRUCTION WORK. THE CONTRACTOR MUST HAVE APPROVED PLANS PRIOR TO SCHEDULING A PRECONSTRUCTION MEETING.

I. TRAFFIC CONTROL SHALL BE PROVIDED IN CONFORMANCE WITH THE LATEST EDITION OF THE 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)' ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION AND AS REQUIRED BY THE CITY ENGINEER.

J. IF ANY CULTURAL FEATURES OR ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING, OR OTHER EXCAVATION WORK, ALL WORK WITHIN ONE HUNDRED FEET (100') OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST CERTIFIED BY THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) AND/OR THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND APPROPRIATE MITIGATION MEASURES ARE DETERMINED AND IMPLEMENTED.

K. REGULAR HOURS OF WORK WILL BE LIMITED TO 7:00 A.M. TO 3:30 P.M., MONDAY THROUGH FRIDAY. THE OWNER OR DEVELOPER MUST SUBMIT A WRITTEN REQUEST FOR APPROVAL BY THE CITY ENGINEER AT LEAST TWO (2) WORKING DAYS IN ADVANCE TO WORK DURING ANY OTHER HOURS, WEEKENDS, OR HOLIDAYS.

THE FOLLOWING SPECIAL HOURS OF WORK WILL BE ENFORCED FROM MONDAY THROUGH FRIDAY:

1. WORK AFFECTING TRAFFIC ON WILL BE LIMITED TO 9:00 A.M. TO 3:00 P.M.
2. WORK ADJACENT TO OR WITHIN FIFTEEN HUNDRED FEET (1500') OF ANY SCHOOL WHILE SCHOOL IS IN SESSION WILL BE LIMITED TO 9:00 A.M. TO 3:00 P.M.
3. WORK WITHIN THREE HUNDRED FEET (300') OF OCCUPIED RESIDENTIAL UNITS WILL BE LIMITED TO 8:00 A.M. TO 4:30 P.M.
4. WORK IN EXCESS OF THREE HUNDRED FEET (300') FROM OCCUPIED RESIDENTIAL UNITS WILL BE LIMITED TO 7:00 A.M. TO 5:00 P.M.
5. ALL SATURDAY WORK SHALL BE RESTRICTED TO 9:00 A.M. TO 4:00 P.M.

L. CONTRACTOR'S OPERATIONS SHALL CONFORM TO THE RULES AND REGULATIONS OF THE STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS PERTAINING TO TRENCHES AND EXCAVATIONS.

M. CONTRACTOR SHALL PROVIDE AT LEAST TWO (2) WORKING DAYS ADVANCE NOTICE TO THE CITY ENGINEER PRIOR TO CONNECTING TO EXISTING WATER FACILITIES. THE MANIPULATION OF EXISTING WATER VALVES SHALL BE DONE UNDER THE DIRECTION OF CITY WATER DIVISION PERSONNEL.

N. THE INSTALLATION OF EROSION CONTROL FACILITIES AND MEASURES IS NECESSARY AT ALL TIMES. (EROSION CONTROL PLAN SHALL BE APPROVED BY THE CITY ENGINEER).

O. MAILBOXES SHALL BE INSTALLED IN LOCATIONS APPROVED BY THE LOCAL POSTMASTER AND PER CITY OF SOUTH SAN FRANCISCO STANDARD PLANS AND BE SHOWN ON THE SIGNING AND STRIPING PLANS.

P. ALL DRIVEWAY LOCATIONS AND WIDTHS ARE APPROVED BASED ON THE INFORMATION PROVIDED BY THE DEVELOPER/OWNER. IF THERE IS A REQUIRED CHANGE IN THE FLOOR PLAN, THE DEVELOPER/OWNER SHALL WIDEN OR RELOCATE THE DRIVEWAY SOLELY AT HIS/HER OWN COST.

Q. IF DRIVEWAY DEPRESSIONS ARE MADE IN ANY CURB, DRIVEWAY APPROACHES ARE THEN CONSIDERED TO BE PART OF THE IMPROVEMENT PLAN AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF SOUTH SAN FRANCISCO STANDARD PLANS.

R. MONUMENTS ARE TO BE SET AS SHOWN ON THE PLANS AND PER THE REQUIREMENTS OF THE SUBDIVISION MAP ACT, LAND SURVEYORS ACT, AND THE CITY SUBDIVISION ORDINANCE AND SHALL BE IN ACCORDANCE WITH THE RULES AND PROCEDURES APPROVED BY THE COUNTY SURVEYOR. ALL LOT CORNERS AND TRACT BOUNDARIES SHALL BE LOCATED AND MONUMENTED IN ACCORDANCE WITH THE RECORDED TRACT MAP AND WRITTEN CERTIFICATION SHALL BE SUBMITTED TO THE CITY ENGINEER BY THE PROJECT CIVIL ENGINEER.

S. TREES SHALL NOT BE PLANTED WITHIN THE CITY OF SOUTH SAN FRANCISCO RIGHT OF-WAY UNLESS A PERMIT HAS BEEN OBTAINED FROM THE PUBLIC WORKS DEPARTMENT, OR IF THE TREES ARE PLANTED IN ACCORDANCE WITH A LANDSCAPE PLAN APPROVED BY THE CITY ENGINEER AND THE COMMUNITY DEVELOPMENT DIRECTOR.

T. JOINTS BETWEEN NEW PAVEMENT AND EXISTING PAVEMENT SHALL BE MADE BY SAW-CUTTING EXISTING PAVEMENT TO EFFECT A NEAT BUTT JOINT AND AS DEPICTED ON THE CITY STANDARD PLANS. FEATHERING NEW ASPHALT PAVING OVER EXISTING PAVEMENT IS NOT ALLOWED.

U. THE CONTRACTOR SHALL NOTIFY THE SAN MATEO COUNTY FLOOD CONTROL DISTRICT IRRIGATION DISTRICT PRIOR TO STARTING WORK NEAR DISTRICT'S FACILITIES AND SHALL COORDINATE ALL WORK WITH DISTRICT'S REPRESENTATIVES.

V. LOCATION AND HEIGHT OF ALL RETAINING WALLS SHALL BE AS SHOWN ON THESE PLANS. RETAINING WALLS HIGHER THAN ONE FOOT (1') SHALL BE STRUCTURALLY DESIGNED AND APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION (SEE STANDARD PLANS G-3A, G-3B, G-4A AND G-4B FOR DETAILS).

W. IT SHALL BE THE RESPONSIBILITY OF THE APPLICANT/ENGINEER TO CONTACT THE VARIOUS UTILITY AGENCIES, ADVISE THE AGENCIES OF THE PROPOSED IMPROVEMENTS, AND PAY FOR THE COST OF RELOCATIONS, IF NEEDED.

X. NO FINAL PAVING SHALL BE DONE UNTIL EXISTING POWER POLES AND OTHER EXISTING FACILITIES, ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.

Y. SUB GRADE FOR ALL STREET, CURB AND GUTTER, AND CONCRETE FLATWORK SHALL BE COMPACTED TO NINETY-FIVE PERCENT (95%) RELATIVE COMPACTION.

Z. ALL UNDERGROUND UTILITIES SHALL BE CONSTRUCTED PRIOR TO THE PLACEMENT OF BASEROCK UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

AA. ALL PAVEMENT MARKINGS IN THE PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC UNLESS SPECIFICALLY CALLED OUT AS PAINT. NO PERMANENT MARKINGS SHALL BE PLACED UNTIL THE CITY TRAFFIC ENGINEER, CITY ENGINEER OR HIS REPRESENTATIVE APPROVES CAT TRACKING IN THE FIELD.

BB. BLUE REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED AT EACH FIRE HYDRANT LOCATION AS SHOWN ON THE CITY OF SOUTH SAN FRANCISCO STANDARD PLANS.

CC. ALL TRAFFIC SIGNS AND STREET NAME SIGNS SHALL BE HIGH REFLECTIVE GRADE MATERIALS.

DD. THE IMPROVEMENT PLANS SHALL REFLECT THAT ALL ON-SITE/OFF-SITE STORM DRAIN INLETS SHALL BE 'NO DUMPING DRAINS TO CREEK' STENCILED, USING A TWO-STEP THERMOPLASTIC ON THE FACE OF THE CURB ADJACENT TO THE INLET. THE PROJECT PLANS SHALL ALSO INCLUDE EROSION CONTROL MEASURES TO PREVENT SOIL, DIRT AND DEBRIS FROM ENTERING THE STORM DRAIN SYSTEM, IN ACCORDANCE WITH THE REGULATIONS OUTLINED IN THE ASSOCIATION OF BAY AREA GOVERNMENTS (ABAG) EROSION AND SEDIMENT CONTROL HANDBOOK.

EE. THE CITY ENGINEER PRIOR TO THE PLACEMENT OF CONCRETE MUST APPROVE FORMS FOR CURBS, GUTTERS, AND SIDEWALKS.

FF. ALL STORM DRAIN STRUCTURES SHALL BE CONSTRUCTED TO CITY OF SOUTH SAN FRANCISCO STANDARDS (WITH WEEP HOLES AT SUBGRADE ELEVATION) UNLESS OTHERWISE NOTED.

GG. THE CONTRACTOR SHALL REVIEW THE CURRENT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PROVIDED BY THE OWNER. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY FOR CONDUCTING HIS/HER OPERATIONS IN ADHERENCE TO THE SWPPP. THE CONTRACTOR IS RESPONSIBLE FOR ANY FINES, DELAYS, AND/OR DAMAGES RESULTING FROM ANY STATE WATER QUALITY CONTROL BOARD SANCTIONS CAUSED BY THE OPERATION OF THE CONTRACTOR OR HIS/HER SUBCONTRACTORS.

HH. APPLICABLE CITY OF SOUTH SAN FRANCISCO STANDARD DETAILS INCLUDE BUT ARE NOT LIMITED TO, THE FOLLOWING: (LIST STANDARD DETAILS).

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ARV	AIR RELEASE VALVE
BC	BEGIN CURVE
BM	BENCH MARK
BO	BLOW OFF
CB	CATCH BASIN
CL	CENTERLINE
CONST	CONSTRUCTION
CR	CURB RETURN
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
DW	DRIVEWAY
EA	EACH
EBMUD	EAST BAY MUNICIPAL UTILITY DISTRICT
EC	END CURVE
EL	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
FC	FACE OF CURB
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
GB	GRADE BREAK
GR	GRATE ELEVATION
GV	GATE VALVE
HP	HIGH POINT
INV	INVERT ELEVATION
L	LENGTH
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
PCC	PORTLAND CEMENT CONCRETE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PRC	PT OF REVERSE CURVE
PT	POINT
PUE	PUBLIC UTILITY EASEMENT
PRV	PRESSURE REDUCING VALVE
PV	PAVEMENT GRADE
R	RADIUS
R/W	RIGHT-OF-WAY
RIM	RIM ELEVATION
RT	RIGHT
S	SLOPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SHT	SHEET
SL	STREET LIGHT
SNS	STREET NAME SIGN
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSL	SANITARY SEWER LATERAL
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
SUB	SUBDIVISION
TC	TOP OF CURB
TEMP	TEMPORARY
TI	TRAFFIC INDEX
TYP	TYPICAL
W	WATER LINE
WQ	WATER QUALITY
WV	WATER VALVE

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE
		CURB, GUTTER AND SIDEWALK
		CENTERLINE
SS SS	SS 8" SS	SANITARY SEWER PIPE
		SANITARY SEWER MANHOLE
	18" SD	STORM DRAIN PIPE
		STORM DRAIN MANHOLE
		STORM DRAIN CATCH BASIN
		FIELD INLET
W W	W 8" W	WATER MAIN
		WATER VALVE
		FIRE HYDRANT
		ELECTROLIER
		POWER POLE
		STREET MONUMENTS
		STREET SIGN
42	42	MINOR CONTOURS
40	40	MAJOR CONTOURS
x 100.0	x TC 100.70	SPOT ELEVATIONS

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. RIGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

GENERAL NOTES, LEGEND & ABBREVIATIONS

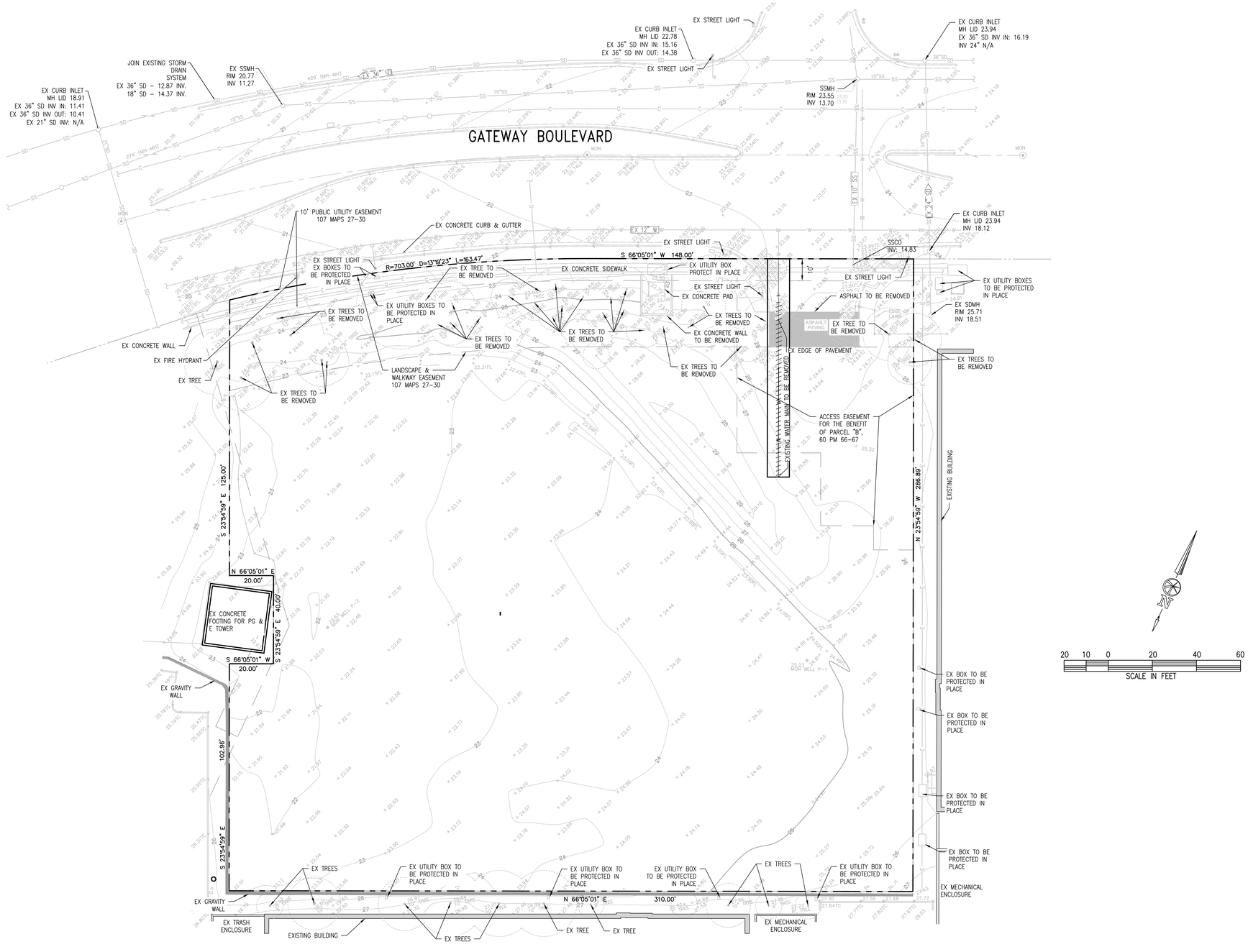
#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C2 OF C14

K:\Projects\2016\16164\Dwg\MP\GENERAL NOTES_LEGEND.dwg, Layout1, Aug 24, 2017 8:18am, Jasmin

Call Two Working Days Before You Dig

1-800-227-2600



Bellecci & Associates, inc.

Civil Engineering • Land Surveying

2290 Diamond Boulevard, Suite 100 Concord, CA 94520

Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS

ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401

CONTACT
805.547.2240
ARRIS-STUDIO.COM

THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. RIGOR ARCHITECT #C33672

ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA
DEMOLITION PLAN & EXISTING CONDITIONS

#	REVISION	DATE

PROJECT 16164

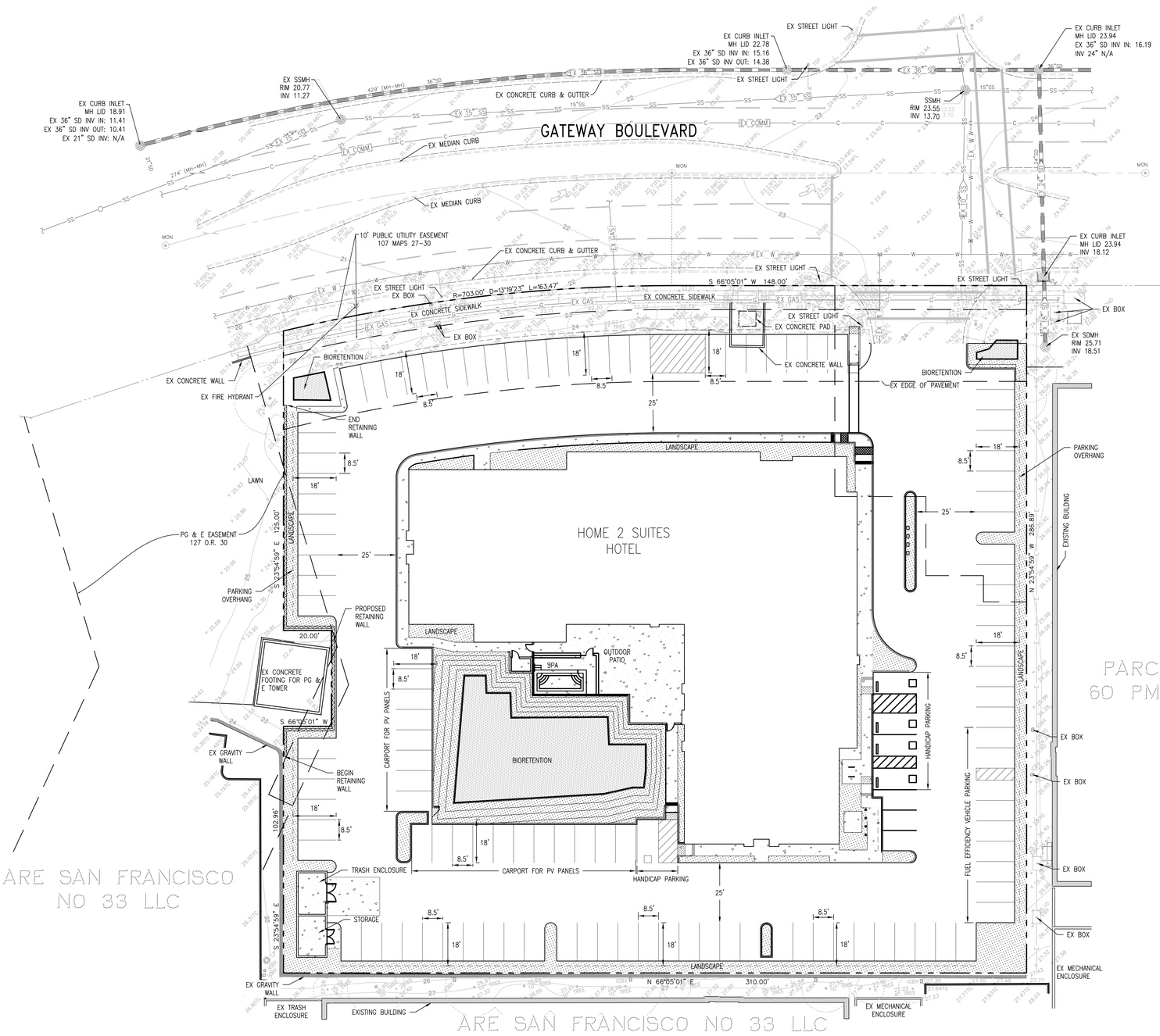
DATE AUGUST 29, 2017

SHEET C3 OF C14

K:\Projects\2016\16164\Dwg\MP\DEMOLITION PLAN & EXISTING CONDITIONS.dwg, Layout1, Aug 24, 2017 8:22am, Jasmin

Call Two Working Days Before You Dig

1-800-227-2600



Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris
STUDIO ARCHITECTS

ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401

CONTACT
805.547.2240
ARRIS-STUDIO.COM

THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. IRGOR ARCHITECT #C33672

ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY
NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

DIMENSION SITEPLAN

#	REVISION	DATE

PROJECT 16164

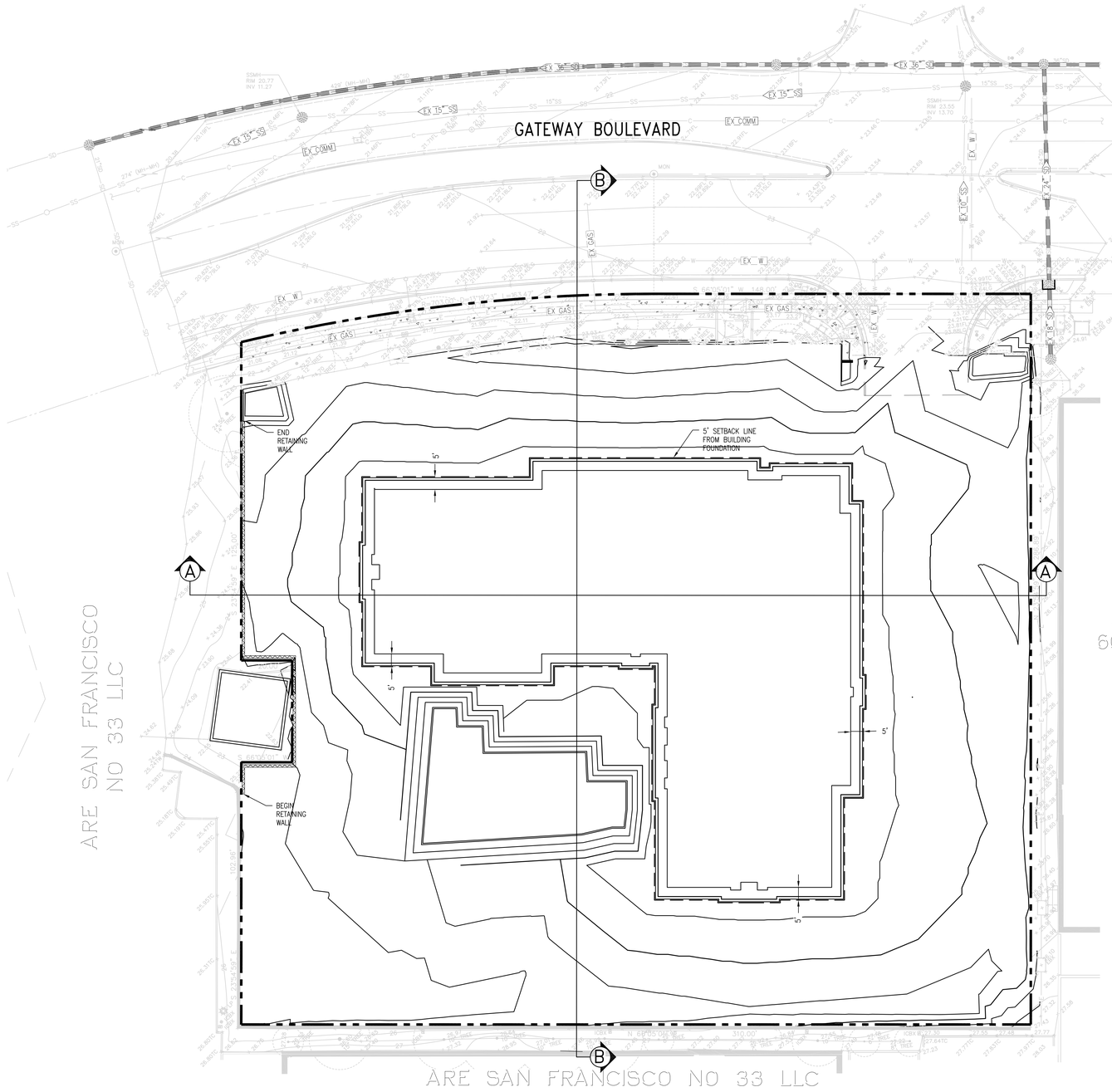
DATE AUGUST 29, 2017

SHEET C4 OF C14

K:\Projects\2016\16164\Dwg\MP\DIMENSION SITEPLAN.dwg, Layout1, Aug 24, 2017 8:24am, Jasmin

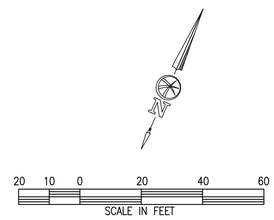
Call Two Working Days Before You Dig

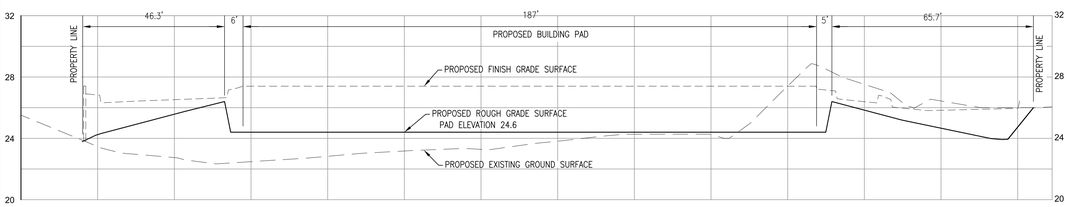
1-800-227-2600



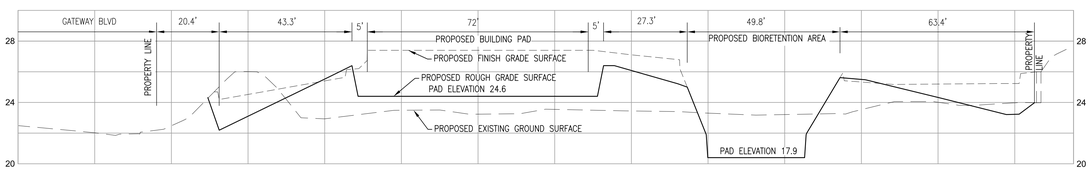
ASSUMPTIONS

1. OVER EXCAVATE 5' FROM BUILDING FOUNDATION AND 2' BELOW BUILDING PAD BASED ON GEOTECHNICAL REPORT PREPARED KRAZAN & ASSOCIATES DATED NOVEMBER 12, 2007.
2. 2' OVER EXCAVATION WITHIN PARKING AREA FOR UTILITY SPOILS
3. STRIP 3" OF TOPSOIL,BASED ON GEOTECHNICAL REPORT PREPARED KRAZAN & ASSOCIATES DATED NOVEMBER 12, 2007.
4. PAVEMENT SECTION 3" AC OVER 8" AB.
5. BIORETENTION BASIN PAD ELEVATION IS 2.5' BELOW BIORETENTION SOIL MIX





SECTION A-A



SECTION B-B

Bellecci & Associates, inc.

Civil Engineering • Land Surveying

2290 Diamond Boulevard, Suite 100 Concord, CA 94520

Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS

ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401

CONTACT
805.547.2240
ARRIS-STUDIO.COM

THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. ERGOR ARCHITECT #C33672

ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT

SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT

GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

ROUGH GRADING PLAN

#	REVISION	DATE

PROJECT
16164

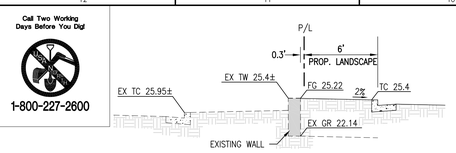
DATE
AUGUST 29, 2017

SHEET
C5 OF C14

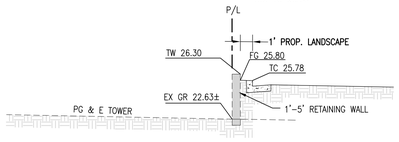
K:\Projects\2016\16164\Dwg\MP\R30SH GRADING PLAN.dwg, Layout1, Aug 24, 2017 8:33am, kamin

Call Two Working Days Before You Dig

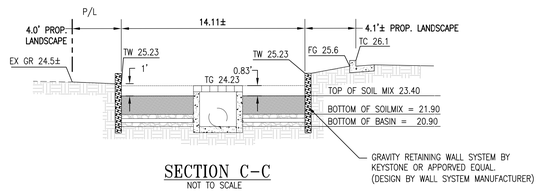
1-800-227-2600



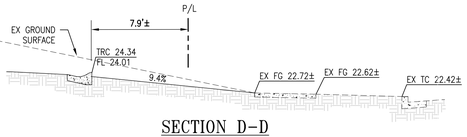
SECTION A–A
NOT TO SCALE



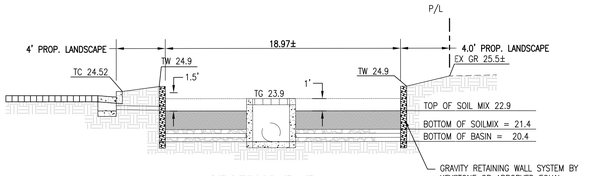
SECTION B–B
NOT TO SCALE



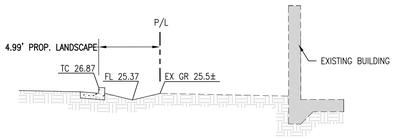
SECTION C–C
NOT TO SCALE



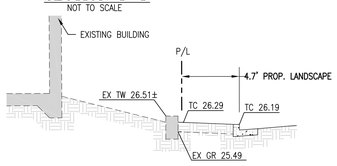
SECTION D–D
NOT TO SCALE



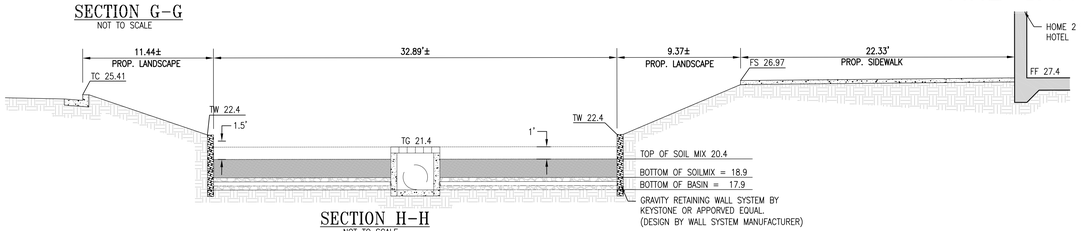
SECTION E–E
NOT TO SCALE



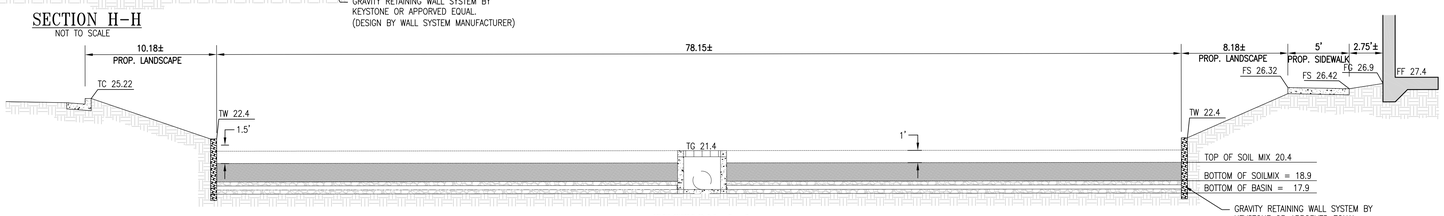
SECTION F–F
NOT TO SCALE



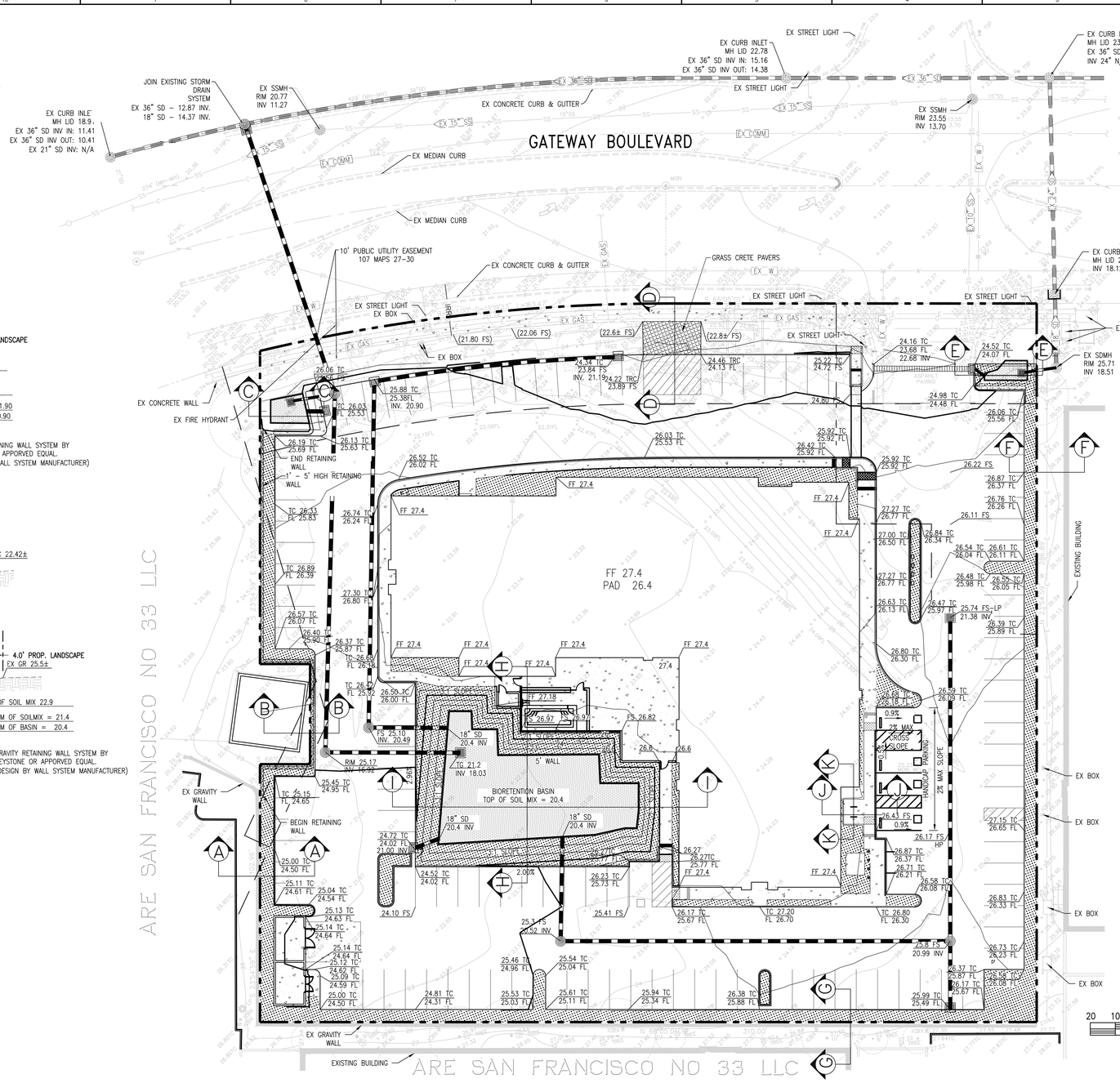
SECTION G–G
NOT TO SCALE

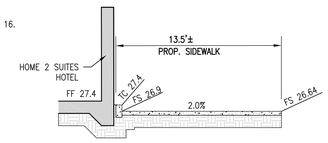


SECTION H–H
NOT TO SCALE

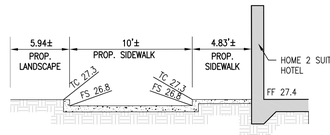


SECTION I–I
NOT TO SCALE





SECTION J–J
NOT TO SCALE



SECTION K–K
NOT TO SCALE

Arris
STUDIO ARCHITECTS

ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401

CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. RIGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY
NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

GRADING PLAN

#	REVISION	DATE

PROJECT 16164

DATE AUGUST 29, 2017

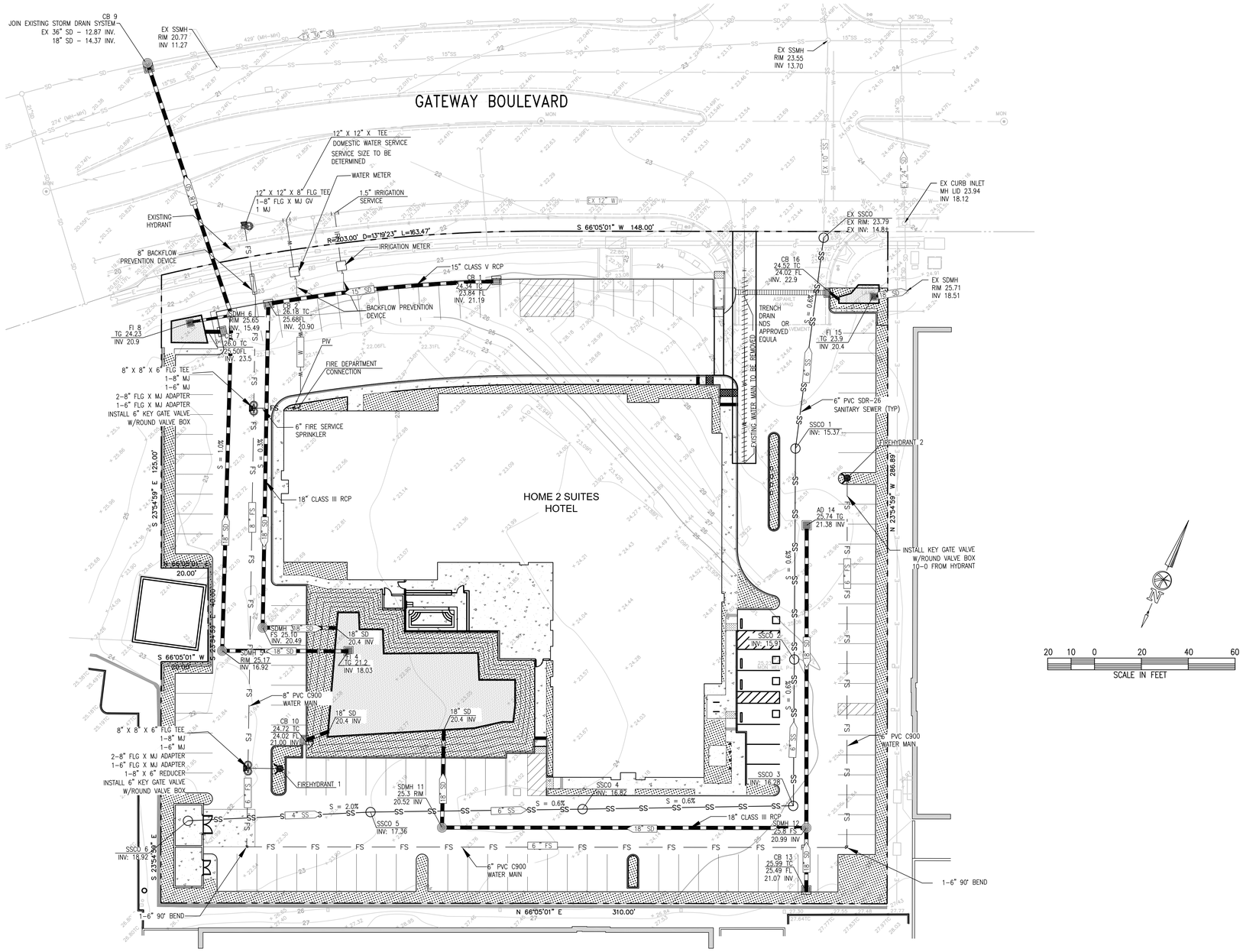
SHEET C6 OF C14

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

K:\Projects\2016\16164\Dwg\MP\GRADING PLAN.dwg, Layout1, Aug 24, 2017 10:41:am, Jasmin

Call Two Working Days Before You Dig

1-800-227-2600



NOTES:

1. EXISTING UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF UTILITIES PRIOR TO CONSTRUCTION. AFTER POTHOLING CONTRACTOR TO PROVIDE DESIGN ENGINEER EXISTING UTILITY DEPTHS. CONTRACTOR TO PROVIDE DESIGN ENGINEER 3 WORKING DAYS TIME TO MAKE ANY REVISIONS TO THE PLANS BEFORE THE START OF CONSTRUCTION.
2. UNKNOWN UNDERGROUND UTILITIES MAY BE PRESENT WITH IN THE PROJECT. CONTRACTOR TO VERIFY TYPE, SIZE, LOCATION AND DEPTH PRIOR TO CONSTRUCTION AND COORDINATE WITH THE DESIGN ENGINEER. CONTRACTOR TO PROVIDE DESIGN ENGINEER 3 WORKING DAYS TIME TO MAKE ANY REVISIONS TO THE PLANS.

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. RIGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

UTILITY PLAN

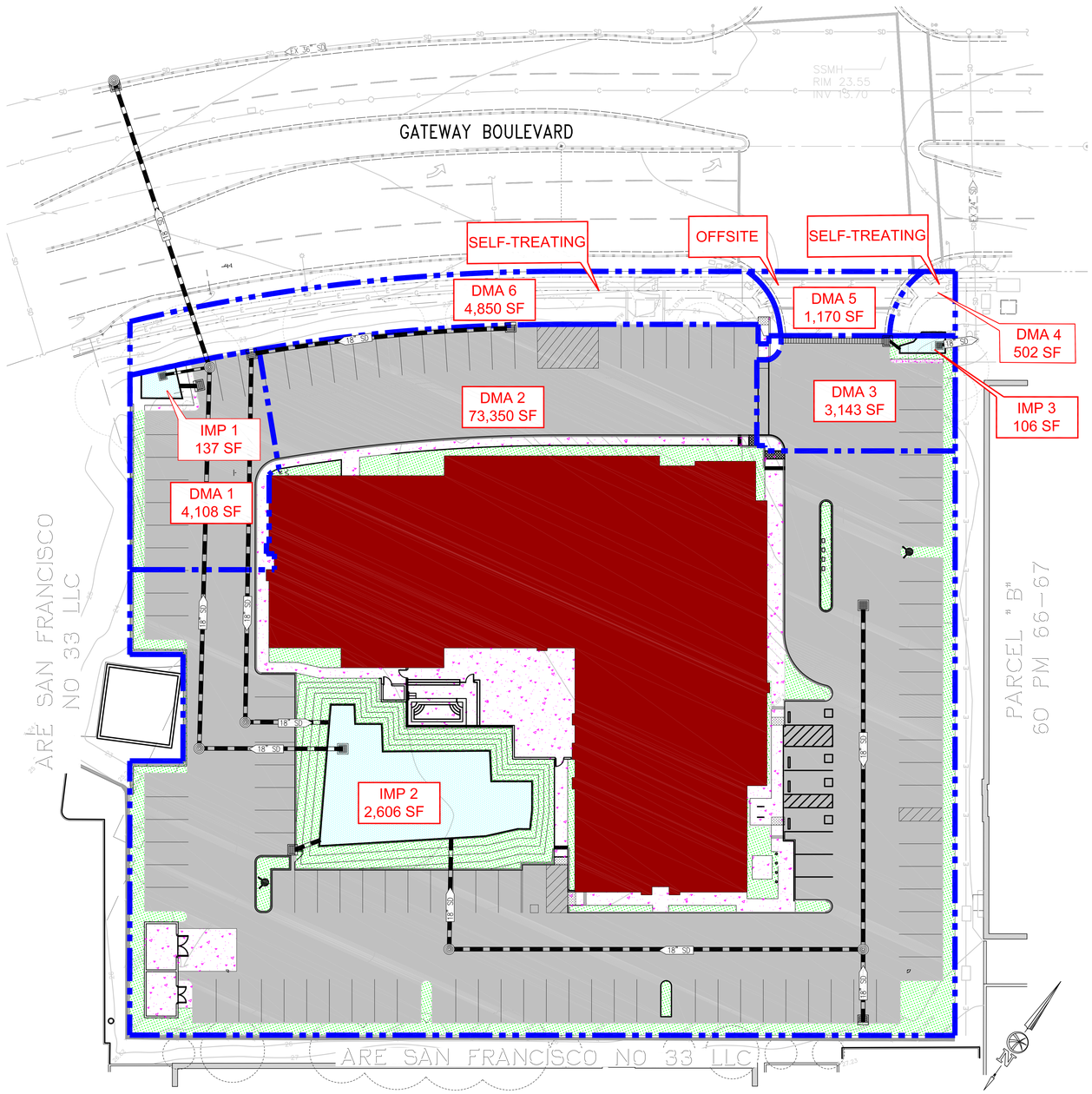
#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C7 OF C14

K:\Projects\2016\16164\Dwg\MP\UTILITY PLAN.dwg, Layout1, Aug 24, 2017 10:03am, kamin

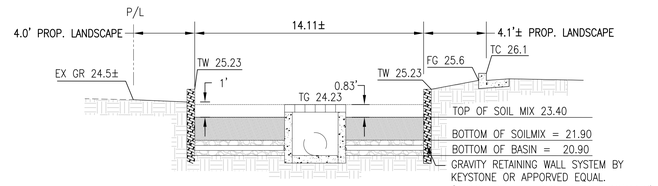
Call Two Working Days Before You Dig

1-800-227-2600



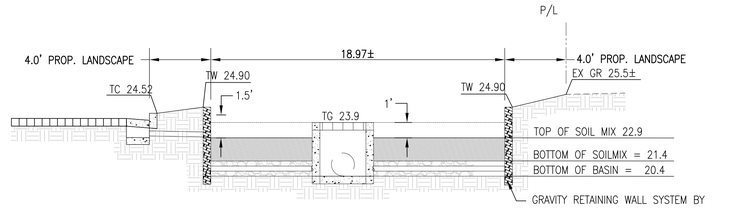
LEGEND

- PROPERTY BOUNDARY
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- ROOF
- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- WATER QUALITY BASIN
- LANDSCAPING AREA
- DMA 1 9,772 SF — DRAINAGE MANAGEMENT AREA BOUNDARY
- IMP 1 11,895 SF — INTEGRATED MANAGEMENT PRACTICE -BIORETENTION AREA



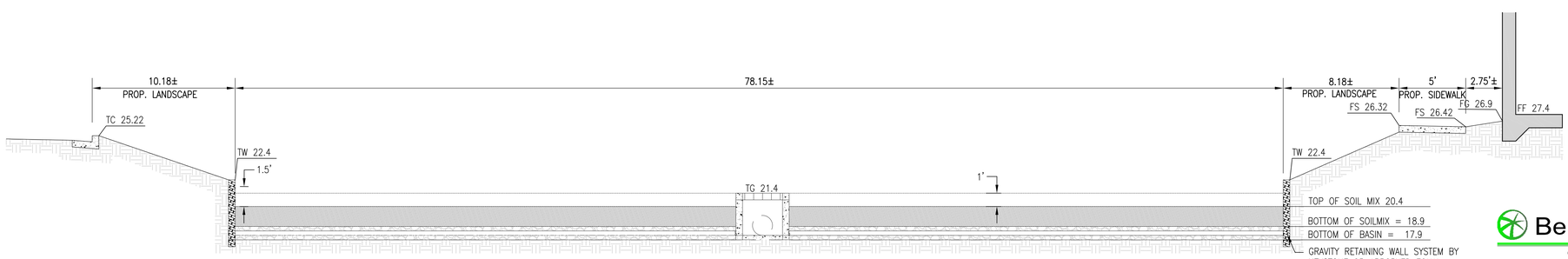
IMP 1 – CROSS SECTION

NOT TO SCALE



IMP 3 – CROSS SECTION

NOT TO SCALE



IMP 2 – CROSS SECTION

NOT TO SCALE

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS

ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401

CONTACT
805.547.2240
ARRIS-STUDIO.COM

THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. IRGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

STORM WATER CONTROL PLAN

#	REVISION	DATE

PROJECT 16164

DATE AUGUST 29, 2017

SHEET C8 OF C14

K:\Projects\2016\16164\Dwg\MP\SWCP.dwg, Layout1, Aug 24, 2017 11:00am, kamin

Call Two Working Days Before You Dig

1-800-227-2600

IMP 1 SIZING CALCULATION

Worksheet for Calculating the Combination Flow and Volume Method

Instructions: After completing Section 1, make a copy of this Excel file for each Drainage Management Area within the project. Enter information specific to the project and DMA in the cells shaded in yellow. Cells shaded in light blue contain formulas and values that will be automatically calculated.

1.0 Project Information

1-1	Project Name:	HOME 2 SUITES	The calculations presented here are based on the combination flow and volume sizing method provided in the Countywide Program's C.3 Technical Guidance, Version 4.0. The steps presented below are explained in Section 5.1 of the Guidance, applicable portions of which are included in this file, in the sheet named "Guidance from Chapter 5".
1-2	City application ID:		
1-3	Site Address or APN:		
1-4	Tract or Parcel Map No:		
1-5	Rainfall Region	6	
1-6	Region Mean Annual Precipitation (MAP)	20.10	Click here for map
1-7	Site Mean Annual Precipitation (MAP)	20	
1-8	*MAP adjustment factor is automatically calculated as:*	1.00	

(The "Site Mean Annual Precipitation (MAP)" is divided by the MAP for the applicable rain gauge, shown in Table 5-3, below.)
Refer to the map in Appendix C of the C.3 Technical Guidance to identify the Rainfall Region for the site.

2.0 Calculate Percentage of Impervious Surface for Drainage Management Area (DMA)

2-1 Name of DMA: DMA 1

For items 2-2 and 2-3, enter the areas in square feet for each type of surface within the DMA.

	Type of Surface	Area of surface type within DMA (Sq. Ft.)	Adjust Pervious Surface	Effective Impervious Area
2-2	Impervious surface	3,474	1.0	3,474
2-3	Pervious surface	634	0.1	63
	Total DMA Area (square feet) =	4,108		
2-4	*Total Effective Impervious Area (EIA)*			3,537 Square feet

3.0 Calculate Unit Basin Storage Volume in Inches

Table 5-3. Unit Basin Storage Volumes in Inches for 80 Percent Capture Using 48-Hour Drawdowns, based on runoff coefficient

Region	Station, and Mean Annual Precipitation (Inches)	Runoff Coefficient of 1.0
1	Boulder Creek, 55.5"	1.04"
2	La Honda, 24.4"	0.80"
3	Half Moon Bay, 25.92"	0.85"
4	Palo Alto, 14.6"	0.44"
5	San Francisco, 23.0"	0.73"
6	San Francisco airport, 20.1"	0.85"
7	San Francisco Oceanside, 19.3"	0.73"

3-1	*Unit basin storage volume from Table 5-3:*	0.85	
	(The coefficient for this method is always 1.0, due to the conversion of any landscaping to effective impervious area.)		
3-2	*Adjusted unit basin storage volume:*	0.85	Inches
	(The unit basin storage volume [Item 3-1] is adjusted by applying the MAP adjustment factor [Item 2-8].)		
3-3	*Required Capture Volume (in cubic feet):*	249	Cubic feet
	(The adjusted unit basin sizing volume [Item 3-2] is multiplied by the DMA EIA [Item 2-4] and converted to cubic feet)		

4.0 Calculate the Duration of the Rain Event

4-1	Rainfall Intensity	0.2	Inches per hour
4-2	Divide Item 3-2 by Item 4-1	4.23	Hours of Rain Event Duration

5.0 Preliminary Estimate of Surface Area of Treatment Measure

5-1	4% of DMA EIA (Item 2-4)	141	Square feet
5-2	Area 25% smaller than Item 5-1 (i.e., 3% of DMA EIA)	106	Square feet
5-3	Volume of treated runoff for area in Item 5-2	187	Cubic feet (Item 5-2 * 5 inches per hour * 1/12 * Item 4-2)

6.0 Initial Adjustment of Depth of Surface Ponding Area

6-1	Subtract Item 5-3 from Item 3-3	62	Cubic feet (Amount of runoff to be stored in ponding area)
6-2	Divide Item 6-1 by Item 5-2	0.59	Feet (Depth of stored runoff in surface ponding area)
6-3	Convert Item 6-2 from feet to inches	7.05	Inches (Depth of stored runoff in surface ponding area)
6-4	If ponding depth in Item 6-3 meets your target depth (recommend 6"), skip to Item 8-1. If not, continue to Step 7-1.		
	(Note: Overflow outlet elevation should be set based on the calculated ponding depth.)		

7.0 Optimize Size of Treatment Measure

7-1	Enter an area larger than Item 5-2	137	Sq.ft. (enter larger area if you need less ponding depth.)
7-2	Volume of treated runoff for area in Item 7-1	241	Cubic feet (Item 7-1 * 5 inches per hour * 1/12 * Item 4-2)
7-3	Subtract Item 7-2 from Item 3-3	8	Cubic feet (Amount of runoff to be stored in ponding area)
7-4	Divide Item 7-3 by Item 7-1	0.06	Feet (Depth of stored runoff in surface ponding area)
7-5	Convert Item 7-4 from ft. to inches	0.69	Inches (Depth of stored runoff in surface ponding area)
7-6	If the ponding depth in Item 7-5 meets target, stop here. If not, repeat Steps 7-1 through 7-5 until you obtain target depth.		
	(Note: Overflow outlet elevation should be set based on the calculated ponding depth.)		

8.0 Surface Area of Treatment Measure for DMA

8-1	Final surface area of treatment	137	Square feet (Either Item 5-2 or final amount in Item 7-1)

IMP 2 SIZING CALCULATION

Worksheet for Calculating the Combination Flow and Volume Method

Instructions: After completing Section 1, make a copy of this Excel file for each Drainage Management Area within the project. Enter information specific to the project and DMA in the cells shaded in yellow. Cells shaded in light blue contain formulas and values that will be automatically calculated.

1.0 Project Information

1-1	Project Name:	HOME 2 SUITES	The calculations presented here are based on the combination flow and volume sizing method provided in the Countywide Program's C.3 Technical Guidance, Version 4.0. The steps presented below are explained in Section 5.1 of the Guidance, applicable portions of which are included in this file, in the sheet named "Guidance from Chapter 5".
1-2	City application ID:		
1-3	Site Address or APN:		
1-4	Tract or Parcel Map No:		
1-5	Rainfall Region	6	
1-6	Region Mean Annual Precipitation (MAP)	20.10	Click here for map
1-7	Site Mean Annual Precipitation (MAP)	20	
1-8	*MAP adjustment factor is automatically calculated as:*	1.00	

(The "Site Mean Annual Precipitation (MAP)" is divided by the MAP for the applicable rain gauge, shown in Table 5-3, below.)
Refer to the map in Appendix C of the C.3 Technical Guidance to identify the Rainfall Region for the site.

2.0 Calculate Percentage of Impervious Surface for Drainage Management Area (DMA)

2-1 Name of DMA: DMA 2

For items 2-2 and 2-3, enter the areas in square feet for each type of surface within the DMA.

	Type of Surface	Area of surface type within DMA (Sq. Ft.)	Adjust Pervious Surface	Effective Impervious Area
2-2	Impervious surface	61,573	1.0	61,573
2-3	Pervious surface	11,777	0.1	1,178
	Total DMA Area (square feet) =	73,350		
2-4	*Total Effective Impervious Area (EIA)*			62,751 Square feet

3.0 Calculate Unit Basin Storage Volume in Inches

Table 5-3. Unit Basin Storage Volumes in Inches for 80 Percent Capture Using 48-Hour Drawdowns, based on runoff coefficient

Region	Station, and Mean Annual Precipitation (Inches)	Runoff Coefficient of 1.0
1	Boulder Creek, 55.5"	1.04"
2	La Honda, 24.4"	0.80"
3	Half Moon Bay, 25.92"	0.85"
4	Palo Alto, 14.6"	0.44"
5	San Francisco, 23.0"	0.73"
6	San Francisco airport, 20.1"	0.85"
7	San Francisco Oceanside, 19.3"	0.73"

3-1	*Unit basin storage volume from Table 5-3:*	0.85	
	(The coefficient for this method is always 1.0, due to the conversion of any landscaping to effective impervious area.)		
3-2	*Adjusted unit basin storage volume:*	0.85	Inches
	(The unit basin storage volume [Item 3-1] is adjusted by applying the MAP adjustment factor [Item 2-8].)		
3-3	*Required Capture Volume (in cubic feet):*	4,423	Cubic feet
	(The adjusted unit basin sizing volume [Item 3-2] is multiplied by the DMA EIA [Item 2-4] and converted to cubic feet)		

4.0 Calculate the Duration of the Rain Event

4-1	Rainfall Intensity	0.2	Inches per hour
4-2	Divide Item 3-2 by Item 4-1	4.23	Hours of Rain Event Duration

5.0 Preliminary Estimate of Surface Area of Treatment Measure

5-1	4% of DMA EIA (Item 2-4)	2,510	Square feet
5-2	Area 25% smaller than Item 5-1 (i.e., 3% of DMA EIA)	1,883	Square feet
5-3	Volume of treated runoff for area in Item 5-2	3,317	Cubic feet (Item 5-2 * 5 inches per hour * 1/12 * Item 4-2)

6.0 Initial Adjustment of Depth of Surface Ponding Area

6-1	Subtract Item 5-3 from Item 3-3	1,106	Cubic feet (Amount of runoff to be stored in ponding area)
6-2	Divide Item 6-1 by Item 5-2	0.59	Feet (Depth of stored runoff in surface ponding area)
6-3	Convert Item 6-2 from feet to inches	7.05	Inches (Depth of stored runoff in surface ponding area)
6-4	If ponding depth in Item 6-3 meets your target depth (recommend 6"), skip to Item 8-1. If not, continue to Step 7-1.		
	(Note: Overflow outlet elevation should be set based on the calculated ponding depth.)		

7.0 Optimize Size of Treatment Measure

7-1	Enter an area larger than Item 5-2	2606	Sq.ft. (enter larger area if you need less ponding depth.)
7-2	Volume of treated runoff for area in Item 7-1	4,592	Cubic feet (Item 7-1 * 5 inches per hour * 1/12 * Item 4-2)
7-3	Subtract Item 7-2 from Item 3-3	(169)	Cubic feet (Amount of runoff to be stored in ponding area)
7-4	Divide Item 7-3 by Item 7-1	-0.06	Feet (Depth of stored runoff in surface ponding area)
7-5	Convert Item 7-4 from ft. to inches	-0.78	Inches (Depth of stored runoff in surface ponding area)
7-6	If the ponding depth in Item 7-5 meets target, stop here. If not, repeat Steps 7-1 through 7-5 until you obtain target depth.		
	(Note: Overflow outlet elevation should be set based on the calculated ponding depth.)		

8.0 Surface Area of Treatment Measure for DMA

8-1	Final surface area of treatment	2,606	Square feet (Either Item 5-2 or final amount in Item 7-1)

IMP 3 SIZING CALCULATION

Worksheet for Calculating the Combination Flow and Volume Method

Instructions: After completing Section 1, make a copy of this Excel file for each Drainage Management Area within the project. Enter information specific to the project and DMA in the cells shaded in yellow. Cells shaded in light blue contain formulas and values that will be automatically calculated.

1.0 Project Information

1-1	Project Name:	HOME 2 SUITES	The calculations presented here are based on the combination flow and volume sizing method provided in the Countywide Program's C.3 Technical Guidance, Version 4.0. The steps presented below are explained in Section 5.1 of the Guidance, applicable portions of which are included in this file, in the sheet named "Guidance from Chapter 5".
1-2	City application ID:		
1-3	Site Address or APN:		
1-4	Tract or Parcel Map No:		
1-5	Rainfall Region	6	
1-6	Region Mean Annual Precipitation (MAP)	20.10	Click here for map
1-7	Site Mean Annual Precipitation (MAP)	20	
1-8	*MAP adjustment factor is automatically calculated as:*	1.00	

(The "Site Mean Annual Precipitation (MAP)" is divided by the MAP for the applicable rain gauge, shown in Table 5-3, below.)
Refer to the map in Appendix C of the C.3 Technical Guidance to identify the Rainfall Region for the site.

2.0 Calculate Percentage of Impervious Surface for Drainage Management Area (DMA)

2-1 Name of DMA: DMA 3

For items 2-2 and 2-3, enter the areas in square feet for each type of surface within the DMA.

	Type of Surface	Area of surface type within DMA (Sq. Ft.)	Adjust Pervious Surface	Effective Impervious Area
2-2	Impervious surface	2,743	1.0	2,743
2-3	Pervious surface	400	0.1	40
	Total DMA Area (square feet) =	3,143		
2-4	*Total Effective Impervious Area (EIA)*			2,783 Square feet

3.0 Calculate Unit Basin Storage Volume in Inches

Table 5-3. Unit Basin Storage Volumes in Inches for 80 Percent Capture Using 48-Hour Drawdowns, based on runoff coefficient

Region	Station, and Mean Annual Precipitation (Inches)	Runoff Coefficient of 1.0
1	Boulder Creek, 55.5"	1.04"
2	La Honda, 24.4"	0.80"
3	Half Moon Bay, 25.92"	0.85"
4	Palo Alto, 14.6"	0.44"
5	San Francisco, 23.0"	0.73"
6	San Francisco airport, 20.1"	0.85"
7	San Francisco Oceanside, 19.3"	0.73"

3-1	*Unit basin storage volume from Table 5-3:*	0.85	
	(The coefficient for this method is always 1.0, due to the conversion of any landscaping to effective impervious area.)		
3-2	*Adjusted unit basin storage volume:*	0.85	Inches
	(The unit basin storage volume [Item 3-1] is adjusted by applying the MAP adjustment factor [Item 2-8].)		
3-3	*Required Capture Volume (in cubic feet):*	196	Cubic feet
	(The adjusted unit basin sizing volume [Item 3-2] is multiplied by the DMA EIA [Item 2-4] and converted to cubic feet)		

4.0 Calculate the Duration of the Rain Event

4-1	Rainfall Intensity	0.2	Inches per hour
4-2	Divide Item 3-2 by Item 4-1	4.25	Hours of Rain Event Duration

5.0 Preliminary Estimate of Surface Area of Treatment Measure

5-1	4% of DMA EIA (Item 2-4)	111	Square feet
5-2	Area 25% smaller than Item 5-1 (i.e., 3% of DMA EIA)	83	Square feet
5-3	Volume of treated runoff for area in Item 5-2	147	Cubic feet (Item 5-2 * 5 inches per hour * 1/12 * Item 4-2)

6.0 Initial Adjustment of Depth of Surface Ponding Area

6-1	Subtract Item 5-3 from Item 3-3	49	Cubic feet (Amount of runoff to be stored in ponding area)
6-2	Divide Item 6-1 by Item 5-2	0.59	Feet (Depth of stored runoff in surface ponding area)
6-3	Convert Item 6-2 from feet to inches	7.05	Inches (Depth of stored runoff in surface ponding area)
6-4	If ponding depth in Item 6-3 meets your target depth (recommend 6"), skip to Item 8-1. If not, continue to Step 7-1.		
	(Note: Overflow outlet elevation should be set based on the calculated ponding depth.)		

7.0 Optimize Size of Treatment Measure

7-1	Enter an area larger than Item 5-2	97	Sq.ft. (enter larger area if you need less ponding depth.)
7-2	Volume of treated runoff for area in Item 7-1	171	Cubic feet (Item 7-1 * 5 inches per hour * 1/12 * Item 4-2)
7-3	Subtract Item 7-2 from Item 3-3	25	Cubic feet (Amount of runoff to be stored in ponding area)
7-4	Divide Item 7-3 by Item 7-1	0.26	Feet (Depth of stored runoff in surface ponding area)
7-5	Convert Item 7-4 from ft. to inches	3.12	Inches (Depth of stored runoff in surface ponding area)
7-6	If the ponding depth in Item 7-5 meets target, stop here. If not, repeat Steps 7-1 through 7-5 until you obtain target depth.		
	(Note: Overflow outlet elevation should be set based on the calculated ponding depth.)		

8.0 Surface Area of Treatment Measure for DMA

8-1	Final surface area of treatment	97	Square feet (Either Item 5-2 or final amount in Item 7-1)

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris
STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. IRGOR ARCHITECT #C33572
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY
NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA
STORM WATER CONTROL PLAN CALCULATIONS

#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C9 OF C14

K:\Projects\2016\16164\Dwg\MP\SWCP CALCULATIONS.dwg, Layout1, Aug 24, 2017 8:38am, Jasmin

Call Two Working Days Before You Dig!

1-800-227-2600

LEGEND

- PROJECT & CONSTRUCTION BOUNDARY
- TEMPORARY FIBER ROLLS
- TEMPORARY SILT FENCE
- STORM DRAIN INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- WM-8, CONCRETE WASHOUT AREA
- CONSTRUCTION STAGING, MATERIALS STORAGE, AND VEHICLE/EQUIPMENT STORAGE, CLEANING, & MAINTENANCE AREA.
- RECYCLABLE MATERIALS STOCKPILE AREA.
- SAMPLING LOCATION OF RUNOFF ADJACENT TO MATERIAL AND WASTE STORAGE AREAS.
- SAMPLING LOCATION OF RUNOFF IN AN UNCONTAMINATED AREA TO BE USED AS A BASE SAMPLE FOR COMPARISON.
- WM-9, PORTABLE TOILETS.

ABBREVATIONS

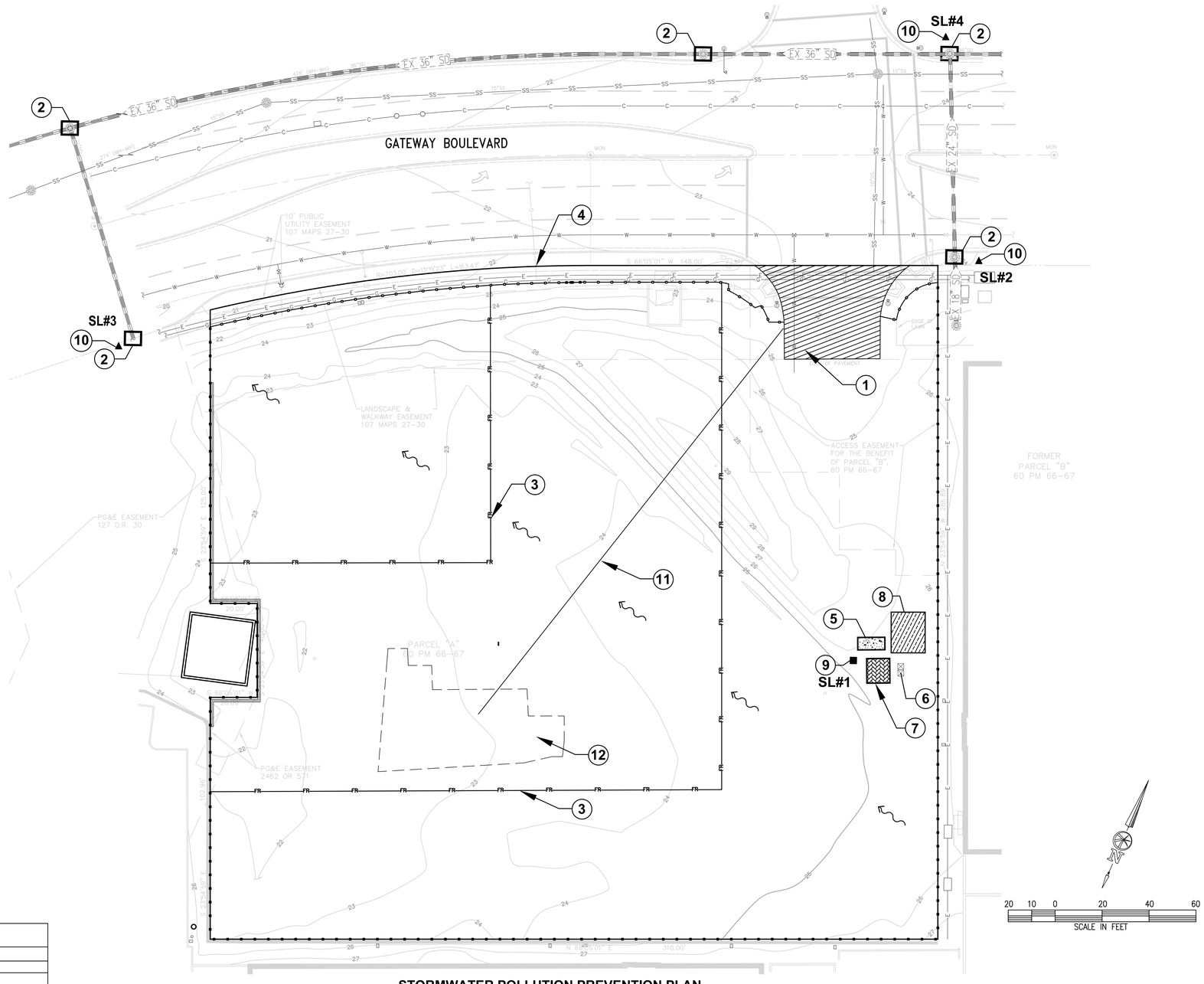
BMP	BEST MANAGEMENT PRACTICE
CASQA	CALIFORNIA STOMWATER QUALITY ASSOCIATION
EC	EROSION CONTROL
TEC	TEMPORARY EROSION CONTROL
EX	EXISTING
NS	NON-STORMWATER
O.C.	ON CENTER
PERM	PERMANENT
SE	SEDIMENT CONTROL
SL	SAMPLING LOCATION
SS	SOIL STABILIZATION
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TC	TRACKING CONTROL
TEMP	TEMPORARY
TYP	TYPICAL
WE	WIND EROSION
WM	WASTE MANAGEMENT

SWPPP GENERAL NOTES:

1. BMP(S) APPLICABLE THROUGHOUT THE PROJECT LIMITS DURING CONSTRUCTION. EXACT LOCATION AND ORIENTATION OF BMPS CAN BE ADJUSTED BY THE CONTRACTORS TO FIT FIELD CONDITION.
2. ALL TEMPORARY BMPS WILL BE IMPLEMENTED AS PER THE CITY ENGINEER'S DIRECTION.
3. STAGING AREA FOR THIS PROJECT WILL BE LOCATED AS SHOWN ON THIS PLAN.
4. THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO INSTALL WATER POLLUTION CONTROL DEVICES AT GENERAL LOCATIONS THROUGHOUT THE SITE. THESE DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE NARRATIVE SECTION OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
5. FIELD AND WEATHER CONDITIONS MAY NECESSITATE MODIFICATIONS TO THESE DRAWINGS.
6. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR PROTECTING THE STORMWATER FROM CONTAMINATION, WITH CONFORMING WITH THE CONSTRUCTION GENERAL PERMIT (CGP), AND EROSION CONTROL DEVICES AS NEEDED TO PROTECT THE STORMWATER.

TEMPORARY PROJECT BMPS

BMP ID	BMP NAME	LOCATION
EC-1	SCHEDULING	ENTIRE PROJECT
EC-2	PRESERVATION OF EXISTING VEGETATION	EXISTING LANDSCAPE AREAS
EC-4	HYDROSEEDING	EXPOSED SOILS
EC-6	STRAW MULCH	DISTURBED SOIL
EC-7	GEOTEXTILES AND MATS	STOCKPILE
EC-9	EARTH DIKES & DRAINAGE SWALES	AT LOCATIONS SHOWN ON PLANS TO PREVENT RUN-OFF
SE-1	SILT FENCE	AS SHOWN ON PLANS
SE-5	FIBER ROLL	AS SHOWN ON PLANS
SE-7	STREET SWEEPING	ENTRANCE & PROJECT ROADS & SIDEWALKS
SE-10	STORM DRAIN INLET PROTECTION	AS SHOWN ON PLANS
TC-1	CONSTRUCTION ENTRANCE	AS SHOWN ON PLANS
WE-1	WIND EROSION CONTROL	DISTURBED SOIL & STOCKPILE
NS-1	WATER CONSERVATION PRACTICES	ENTIRE PROJECT
NS-3	PAVING AND GRADING OPERATIONS	ADJACENT TO PROJECT PAVEMENT
NS-6	ILLICIT CONNECTION & DISCHARGE REPORTING	ENTIRE PROJECT
NS-7	POTABLE WATER/IRRIGATION	ENTIRE PROJECT
NS-8,10	VEHICLE/EQUIP CLEANING & MAINTENANCE	AS SHOWN ON PLANS
NS-12-13	CONCRETE CURING & FINISHING	ADJACENT TO PROJECT SIDEWALK
WM-1-2	MATERIAL DELIVERY, STORAGE & USE	AS SHOWN ON PLANS
WM-3	STOCKPILE MANAGEMENT	AS SHOWN ON PLANS
WM-4	SPILL PREVENTION & CONTROL	ENTIRE PROJECT
WM-5	SOLID WASTE MANAGEMENT	MATERIALS STOCKPILE AREA & WASHOUT
WM-8	CONCRETE WASTE MANAGEMENT	AS SHOWN ON PLANS
WM-9	SANITARY - SEPTIC WASTE MANAGEMENT	AS SHOWN ON PLANS
WM-10	LIQUID WASTE MANAGEMENT	ENTIRE PROJECT



STORMWATER POLLUTION PREVENTION PLAN

SCALE: 1"=20'

STORM WATER POLLUTION PREVENTION CONSTRUCTION NOTES:

1. TC-1, CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE PER DETAIL ON SHEET 12.
2. SE-10, CONSTRUCT STORM DRAIN INLET PROTECT PER DETAIL ON SHEET 12.
3. SE-5, CONSTRUCT FIBER ROLLS PER DETAIL ON SHEET 12.
4. INSTALL TEMPORARY SILT FENCE PER DETAIL ON SHEET 12.
5. WM-8, CONCRETE WASHOUT AREA PER DETAIL ON SHEET 12.
6. WM-9, PORTABLE TOILETS.
7. RECYCLABLE MATERIALS STOCKPILE AREA.
8. CONSTRUCTION STAGING, MATERIALS STORAGE, AND VEHICLE/EQUIPMENT STORAGE, CLEANING, & MAINTENANCE.
9. SAMPLING LOCATION OF SAMPLES OF RUNOFF FROM PLANNED MATERIAL AND WASTE STORAGE AREAS AND AREAS WHERE NON-VISIBLE POLLUTANT PRODUCING CONSTRUCTION ACTIVITIES ARE PLANNED.
10. SAMPLING LOCATION OF UNCONTAMINATED SAMPLE OF RUNOFF AS A BACKGROUND SAMPLE FOR COMPARISON WITH THE SAMPLES BEING ANALYZED FOR NON-VISIBLE POLLUTANTS.
11. INSTALL TEMPORARY STORM DRAIN/VALLEY GUTTER FROM STABILIZED ENTRANCE/EXIT TO BIORETENTION BASIN.
12. AS FIRST ORDER OF WORK CONSTRUCT BIORETENTION BASINS TO PROPOSED SUBGRADE. SUBGRADE OF BIORETENTION TO BE USED AS A TEMPORARY SITE SEDIMENT BASIN.

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. RIGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

EROSION CONTROL–PHASE 1

#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C10 OF C14

K:\Projects\2016\16164\Dwg\MP\SWPPP--PHASE 1.dwg, Layout1, Aug 24, 2017 8:30am, Jasmin

Call Two Working Days Before You Dig!

1-800-227-2600

LEGEND

- PROJECT & CONSTRUCTION BOUNDARY
- STORM DRAIN INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- WM-8, CONCRETE WASHOUT AREA
- CONSTRUCTION STAGING, MATERIALS STORAGE, AND VEHICLE/EQUIPMENT STORAGE, CLEANING, & MAINTENANCE AREA.
- RECYCLABLE MATERIALS STOCKPILE AREA.
- SAMPLING LOCATION OF RUNOFF ADJACENT TO MATERIAL AND WASTE STORAGE AREAS.
- SAMPLING LOCATION OF RUNOFF IN AN UNCONTAMINATED AREA TO BE USED AS A BASE SAMPLE FOR COMPARISON.
- WM-9, PORTABLE TOILETS.

ABBREVATIONS

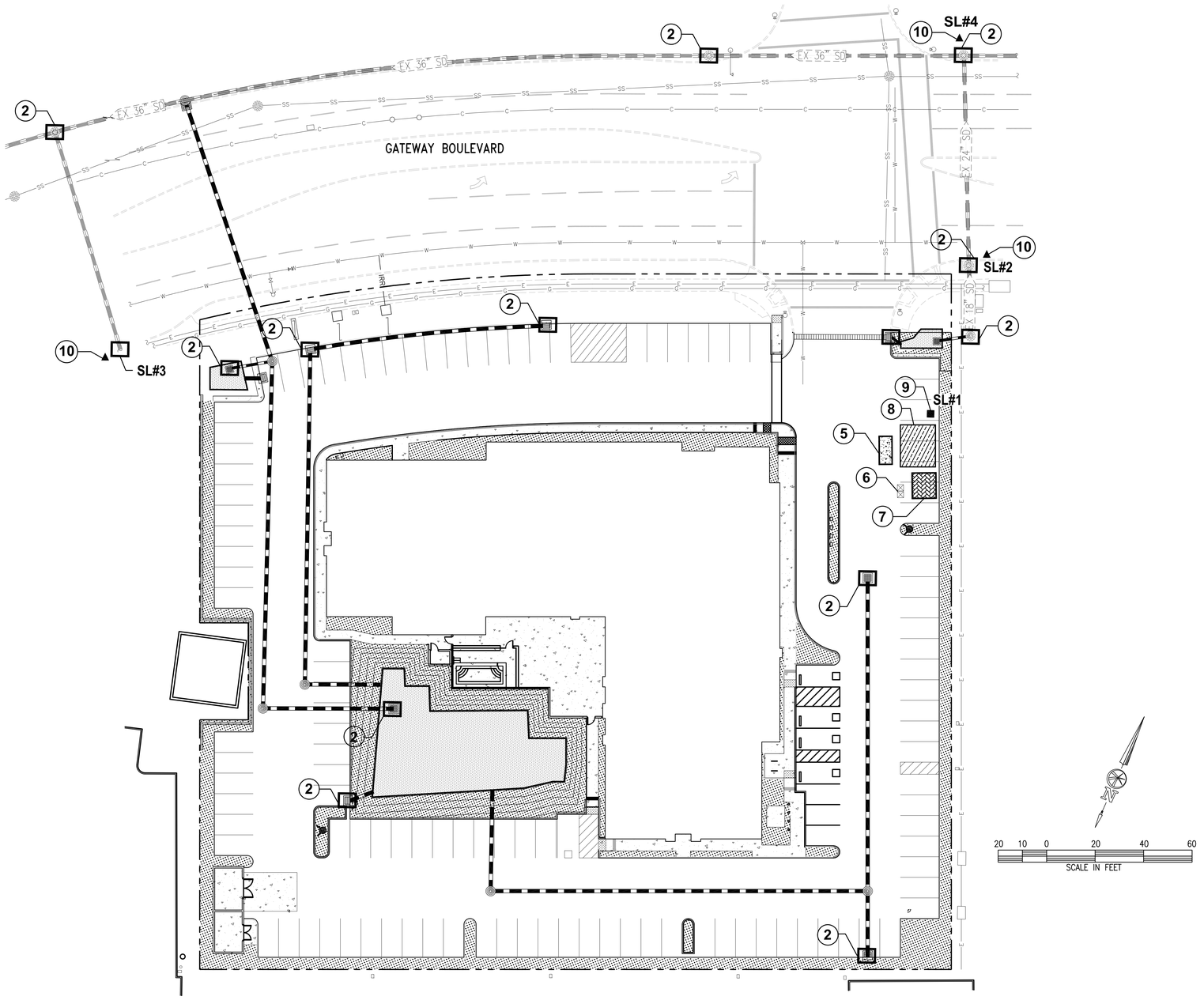
BMP	BEST MANAGEMENT PRACTICE
CASQA	CALIFORNIA STOMWATER QUALITY ASSOCIATION
EC	EROSION CONTROL
TEC	TEMPORARY EROSION CONTROL
EX	EXISTING
NS	NON-STORMWATER
O.C.	ON CENTER
PERM	PERMANENT
SE	SEDIMENT CONTROL
SL	SAMPLING LOCATION
SS	SOIL STABILIZATION
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TC	TRACKING CONTROL
TEMP	TEMPORARY
TYP	TYPICAL
WE	WIND EROSION
WM	WASTE MANAGEMENT

SWPPP GENERAL NOTES:

1. BMP(S) APPLICABLE THROUGHOUT THE PROJECT LIMITS DURING CONSTRUCTION. EXACT LOCATION AND ORIENTATION OF BMPS CAN BE ADJUSTED BY THE CONTRACTORS TO FIT FIELD CONDITION.
2. ALL TEMPORARY BMPS WILL BE IMPLEMENTED AS PER THE CITY ENGINEER'S DIRECTION.
3. STAGING AREA FOR THIS PROJECT WILL BE LOCATED AS SHOWN ON THIS PLAN.
4. THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO INSTALL WATER POLLUTION CONTROL DEVICES AT GENERAL LOCATIONS THROUGHOUT THE SITE. THESE DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE NARRATIVE SECTION OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
5. FIELD AND WEATHER CONDITIONS MAY NECESSITATE MODIFICATIONS TO THESE DRAWINGS.

TEMPORARY PROJECT BMPS

BMP ID	BMP NAME	LOCATION
EC-1	SCHEDULING	ENTIRE PROJECT
EC-2	PRESERVATION OF EXISTING VEGETATION	EXISTING LANDSCAPE AREAS
EC-4	HYDROSEEDING	EXPOSED SOILS
EC-6	STRAW MULCH	DISTURBED SOIL
EC-7	GEOTEXTILES AND MATS	STOCKPILE
EC-9	EARTH DIKES & DRAINAGE SWALES	AT LOCATIONS SHOWN ON PLANS TO PREVENT RUN-OFF
SE-1	SILT FENCE	AS SHOWN ON PLANS
SE-5	FIBER ROLL	AS SHOWN ON PLANS
SE-7	STREET SWEEPING	ENTRANCE & PROJECT ROADS & SIDEWALKS
SE-10	STORM DRAIN INLET PROTECTION	AS SHOWN ON PLANS
TC-1	CONSTRUCTION ENTRANCE	AS SHOWN ON PLANS
WE-1	WIND EROSION CONTROL	DISTURBED SOIL & STOCKPILE
NS-1	WATER CONSERVATION PRACTICES	ENTIRE PROJECT
NS-3	PAVING AND GRADING OPERATIONS	ADJACENT TO PROJECT PAVEMENT
NS-6	ILLICIT CONNECTION & DISCHARGE REPORTING	ENTIRE PROJECT
NS-7	POTABLE WATER/IRRIGATION	ENTIRE PROJECT
NS-8,10	VEHICLE/EQUIP CLEANING & MAINTENANCE	AS SHOWN ON PLANS
NS-12-13	CONCRETE CURING & FINISHING	ADJACENT TO PROJECT SIDEWALK
WM-1-2	MATERIAL DELIVERY, STORAGE & USE	AS SHOWN ON PLANS
WM-3	STOCKPILE MANAGEMENT	AS SHOWN ON PLANS
WM-4	SPILL PREVENTION & CONTROL	ENTIRE PROJECT
WM-5	SOLID WASTE MANAGEMENT	MATERIALS STOCKPILE AREA & WASHOUT
WM-8	CONCRETE WASTE MANAGEMENT	AS SHOWN ON PLANS
WM-9	SANITARY - SEPTIC WASTE MANAGEMENT	AS SHOWN ON PLANS
WM-10	LIQUID WASTE MANAGEMENT	ENTIRE PROJECT



STORMWATER POLLUTION PREVENTION PLAN

SCALE: 1"=20'

STORM WATER POLLUTION PREVENTION CONSTRUCTION NOTES:

1. TC-1, CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE PER DETAIL ON SHEET 12.
2. SE-10, CONSTRUCT STORM DRAIN INLET PROTECT PER DETAIL ON SHEET 12.
3. SE-5, CONSTRUCT FIBER ROLLS PER DETAIL ON SHEET 12.
4. INSTALL TEMPORARY SILT FENCE PER DETAIL ON SHEET 12.
5. WM-8, CONCRETE WASHOUT AREA PER DETAIL ON SHEET 12.
6. WM-9, PORTABLE TOILETS.
7. RECYCLABLE MATERIALS STOCKPILE AREA.
8. CONSTRUCTION STAGING, MATERIALS STORAGE, AND VEHICLE/EQUIPMENT STORAGE, CLEANING, & MAINTENANCE.
9. SAMPLING LOCATION OF SAMPLES OF RUNOFF FROM PLANNED MATERIAL AND WASTE STORAGE AREAS AND AREAS WHERE NON-VISIBLE POLLUTANT PRODUCING CONSTRUCTION ACTIVITIES ARE PLANNED.
10. SAMPLING LOCATION OF UNCONTAMINATED SAMPLE OF RUNOFF AS A BACKGROUND SAMPLE FOR COMPARISON WITH THE SAMPLES BEING ANALYZED FOR NON-VISIBLE POLLUTANTS.

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27408
STEPHEN A. RIGOR ARCHITECT #C33572
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA
EROSION CONTROL–PHASE 2

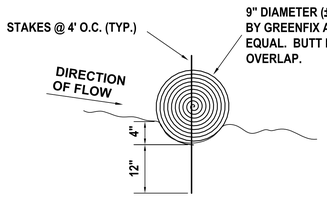
#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C11 OF C14

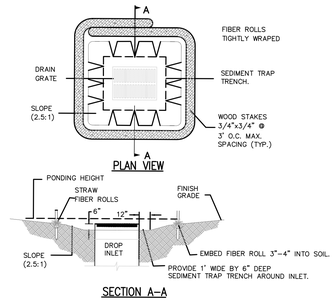
K:\Projects\2016\16164\dwg\MP\SWPPP-PHASE 2.dwg, Layout1, Aug 24, 2017 8:43am, Jasmin

Call Two Working Days Before You Dig

1-800-227-2600



SE-5 TEMPORARY FIBER ROLL
NOT TO SCALE

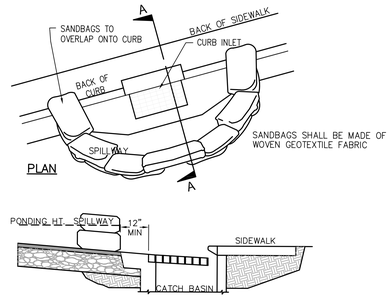


DROP INLET FIBER ROLLS SEDIMENT BARRIER - ALL INLETS (TYP)
NTS

NOTES:

1. PLACE FIBER ROLLS AROUND THE INLET CONSISTENT WITH BASIN SEDIMENT BARRIER DETAIL ON THIS SHEET. (FIBER ROLLS ARE TUBES MADE FROM STRAW BOUND W/ PLASTIC NETTING. THEY ARE APPROX. 8" DIA. AND 20 – 30 FT. LONG.)
2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH, 3" – 4" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY.

DROP INLET PROTECTION

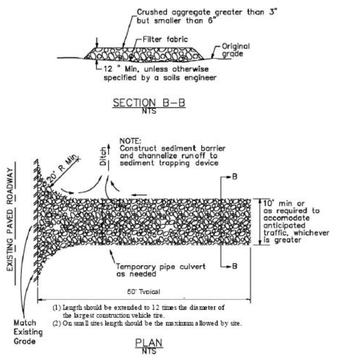


CURB INLET SEDIMENT BARRIER
NTS

CURB INLET PROTECTION

SE-10 TEMPORARY DRAIN INLET PROTECTION
NOT TO SCALE

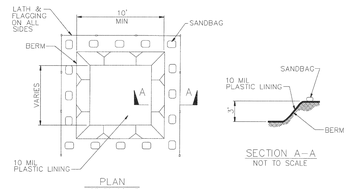
Stabilized Construction Entrance/Exit TC-1



July 2012 California Stormwater BMP Handbook Construction www.casqa.org 5 of 6

TC-1 TEMPORARY CONSTRUCTION ENTRANCE
NOT TO SCALE

Concrete Waste Management WM-8

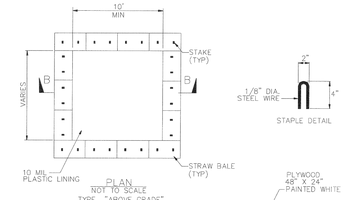


NOTES

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 20 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

November 2009 California Stormwater BMP Handbook Construction www.casqa.org 6 of 7

Concrete Waste Management WM-8

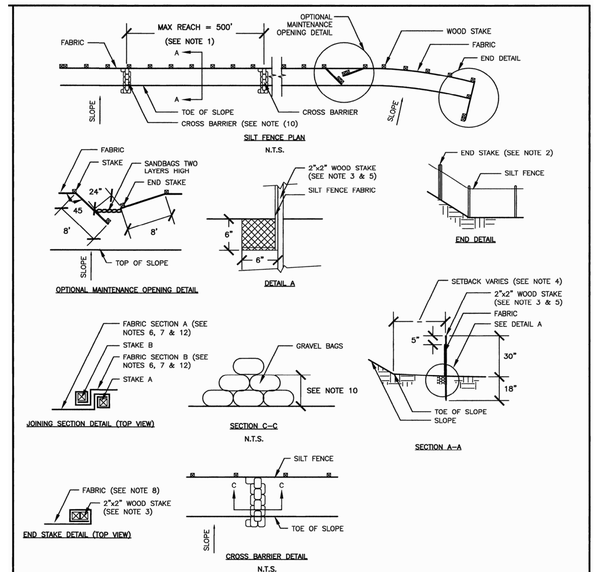


NOTES

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

November 2009 California Stormwater BMP Handbook Construction www.casqa.org 7 of 7

WM-8 CONCRETE WASHOUT
NOT TO SCALE



NOTES:

1. CONSTRUCT LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/3 THE HEIGHT OF THE LINEAR BARRIER IN NO CASE SHALL THE REACH LENGTH EXCEED 500'
2. THE LAST 8'–0" OF FENCE SHALL BE TURNED UP SLOPE
3. STAKE DIMENSIONS ARE NOMINAL
4. DIMENSION MAY VARY TO FIT FIELD CONDITIONS
5. STAKES SHALL BE SPACED AT 8'–0" MAXIMUM AND SHALL BE POSITIONED ON THE DOWNSIDE OF THE FENCE
6. STAKES TO OVERLAP AND FENCE FABRIC TO FOLD AROUND EACH STAKE ONE FULL TURN. SECURE FABRIC TO STAKE WITH 4 STAPLES
7. STAKES SHALL BE DRIVEN LIGHTLY TOGETHER TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT JOINT. THE TOPS OF THE STAKES SHALL BE SECURED WITH WIRE
8. FOR END STAKE FENCE FABRIC SHALL BE FOLDED AROUND TWO STAKES ONE FULL TURN AND SECURED WITH 4 STAPLES
9. MINIMUM 4 STAPLES PER STAKE. DIMENSIONS SHOWN ARE TYPICAL
10. CROSS BARRIERS SHALL BE A MINIMUM OF 1/3 AND A MAXIMUM OF 1/2 HEIGHT OF THE LINEAR BARRIER
11. MAINTENANCE OPENINGS SHALL BE CONSTRUCTED INA MANNER TO ENSURE SEDIMENT REMAINS BEHIND SILT FENCE
12. JOINING SECTIONS SHALL NOT BE PLACES AT SUMP LOCATIONS
13. GRAVEL BAG ROWS AND LAYERS SHALL BE OFFSET TO ELIMINATE GAPS

SE–1 SILT FENCE
N.T.S.

SE-1 SILT FENCE
NOT TO SCALE

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. IRGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

EROSION CONTROL–DETAILS

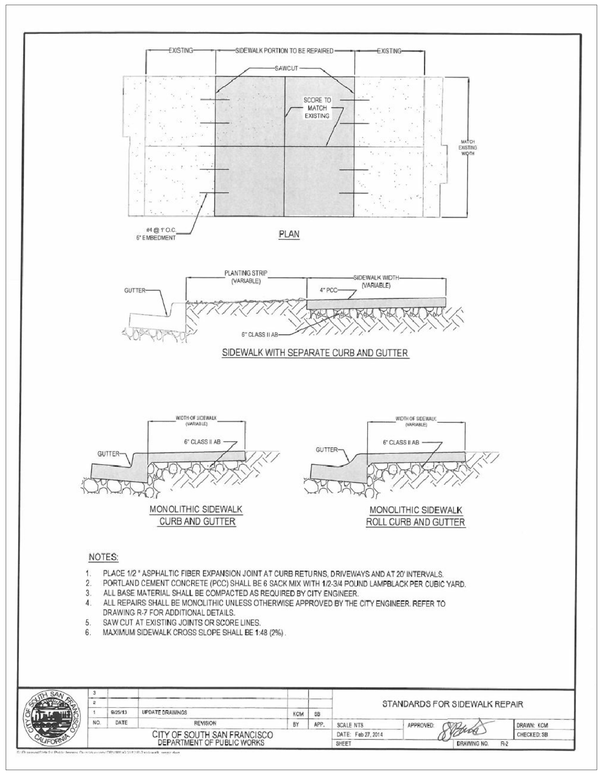
#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C12 OF C14

K:\Projects\2016\16164\Dwg\MP\SWPPP DETAILS.dwg, Layout1, Aug 24, 2017 8:44am, Jasmin

Call Two Working Days Before You Dig

1-800-227-2600



NOTES:

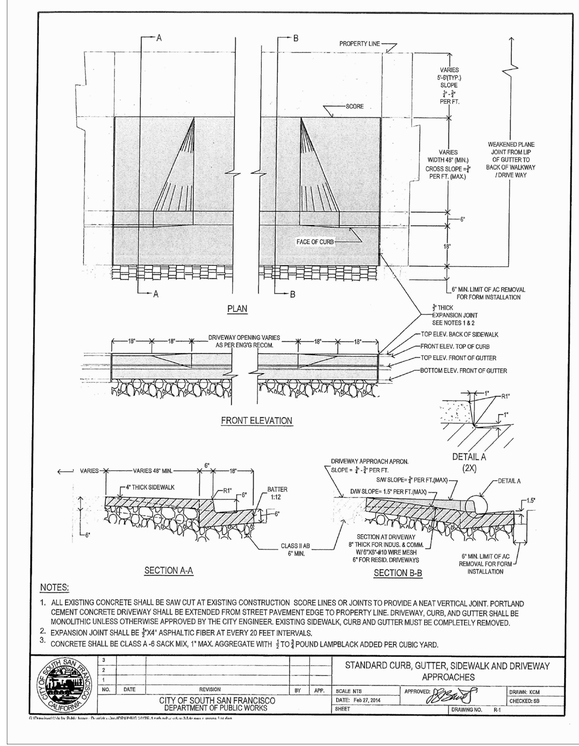
1. PLACE 1/2" ASPHALTIC FIBER EXPANSION JOINT AT CURB RETURNS, DRIVEWAYS AND AT 20' INTERVALS.
2. PORTLAND CEMENT CONCRETE (PCC) SHALL BE 6 SACK MIX WITH 1/2 3/4 POUND LAMPBLACK PER CUBIC YARD.
3. ALL BASE MATERIAL SHALL BE COMPACTED AS REQUIRED BY CITY ENGINEER.
4. ALL REPAIRS SHALL BE MONOLITHIC UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. REFER TO DRAWING R-7 FOR ADDITIONAL DETAILS.
5. SAW CUT AT EXISTING JOINTS OR SCORE LINES.
6. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 1:48 (2%).

NO.	DATE	REVISION	BY	APP.
3				
2				
1	8/25/13	UPDATE DRAWINGS	KCM	SD

CITY OF SOUTH SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS

STANDARDS FOR SIDEWALK REPAIR

SCALE: N.T.S. | APPROVED: | DRAWN: KCM
DATE: Feb 27, 2014 | CHECKED: SB
SHEET | DRAWING NO. R-2



NOTES:

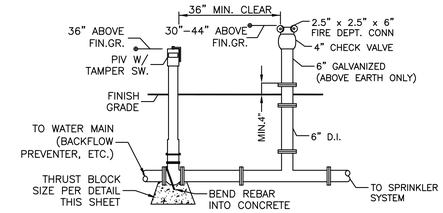
1. ALL EXISTING CONCRETE SHALL BE SAW CUT AT EXISTING CONSTRUCTION SCORE LINES OR JOINTS TO PROVIDE A NEAT VERTICAL JOINT. PORTLAND CEMENT CONCRETE DRIVEWAY SHALL BE EXTENDED FROM STREET PAVEMENT EDGE TO PROPERTY LINE. DRIVEWAY, CURB, AND GUTTER SHALL BE MONOLITHIC UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. EXISTING SIDEWALK, CURB AND GUTTER MUST BE COMPLETELY REMOVED.
2. EXPANSION JOINT SHALL BE 3/4"X4" ASPHALTIC FIBER AT EVERY 20 FEET INTERVALS.
3. CONCRETE SHALL BE CLASS A -6 SACK MIX, 1" MAX. AGGREGATE WITH 1/2 TO 3/4 POUND LAMPBLACK ADDED PER CUBIC YARD.

NO.	DATE	REVISION	BY	APP.
3				
2				
1				

CITY OF SOUTH SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS

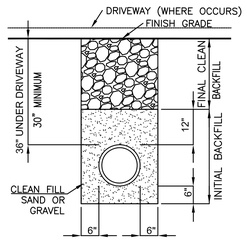
STANDARD CURB, GUTTER, SIDEWALK AND DRIVEWAY APPROACHES

SCALE: N.T.S. | APPROVED: | DRAWN: KCM
DATE: Feb 27, 2014 | CHECKED: SB
SHEET | DRAWING NO. R-1



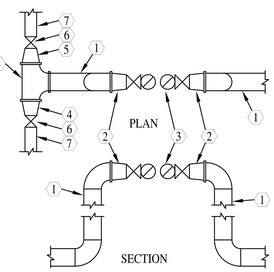
PIV & FDC UNDERGROUND DETAIL

NTS



PRIVATE FIRE SERVICE UNDERGROUND TRENCH DETAIL

NTS

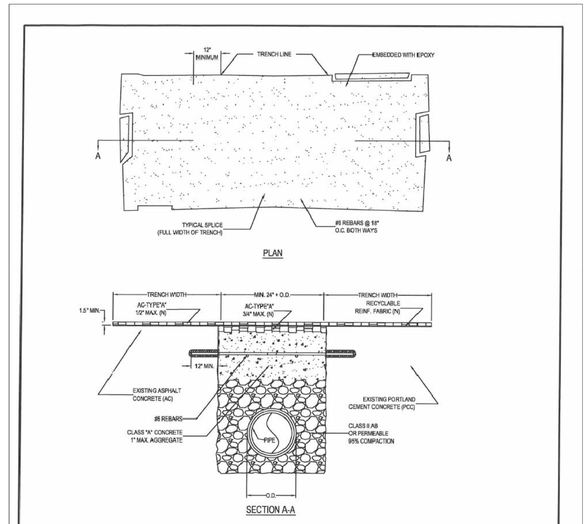


8" BACKFLOW ASSEMBLY COMPONENTS – ALL MATERIALS, THRUST BLOCKS AND/OR RESTRAINED JOINTS, CONCRETE PAD AND ASSEMBLY SUPPORTS TO COMPLY WITH CITY OF SOUTH SAN FRANCISCO REQUIREMENTS AND STANDARD DETAIL W-6.

1. 12" SPOOL
2. 12"X10" REDUCER
3. 10" REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY
4. 12" TEE
5. 12"X8" REDUCER
6. 8" GATE VALVE
7. 8" PVC C-900 WATER MAIN

10" REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY SCHEMATIC

NTS



NOTES:

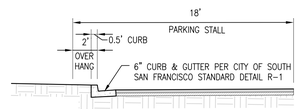
1. FULL DEPTH SAWCUTTING REQUIRED PRIOR TO TRENCHING.
2. BACKFILL SHALL BE CLASS II 3/4" MAX. AGGREGATE BASE OR 3/4" PERMEABLE AGGREGATE BACKFILL.
3. CONCRETE SHALL MATCH EXISTING DIMENSIONS-CLASS A (1" MAXIMUM AGGREGATE).
4. BORE 12" MINIMUM INTO EXISTING SLAB, INSTALL #6 REBARS AS SHOWN WITH EPOXY. EPOXY TO CONFORM TO SEC. 95-2.03 CALTRANS SPECIFICATIONS.
5. EXISTING ASPHALT CONCRETE SHALL BE GROUND TO A MINIMUM DEPTH OF 1-1/2" ON BOTH SIDES OF TRENCH. WIDTH OF ASPHALTIC CONCRETE GRINDING SHALL EQUAL WIDTH OF TRENCH (BOTH SIDES).
6. PAVEMENT REINFORCEMENT FABRIC TO BE REINSTALLED OVER AR 4000 (MINIMUM 0.25 GALLON PER SQUARE YARD).
7. RECYCLABLE PAVEMENT REINFORCEMENT FABRIC SHALL BE APPROVED BY THE CITY ENGINEER.

NO.	DATE	REVISION	BY	APP.
3				
2				
1				

CITY OF SOUTH SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS

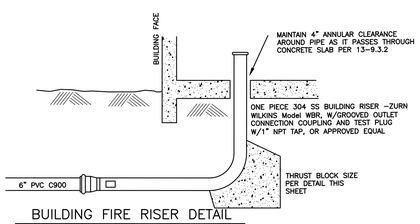
TRENCH REPAIR- PCC PAVEMENT AND PAVEMENT REINFORCING FABRIC

SCALE: 1:30 | APPROVED: | DRAWN: KCM
DATE: May 01, 2012 | CHECKED: SB
SHEET | DRAWING NO. R-5



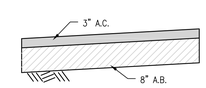
PARKING STALLS WITH 2' OVERHANG

NOT TO SCALE



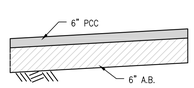
BUILDING FIRE RISER DETAIL

NTS



ASPHALT PAVEMENT SECTION

NOT TO SCALE



CONCRETE PAVEMENT SECTION

NOT TO SCALE

CITY WATER NOTES

1 FOR POTABLE WATER INSTALLATIONS, ALL PIPE, PIPELINE INSTALLATIONS AND FACILITIES RELATED THERETO, SHALL BE AS SPECIFIED IN THE CITY OF SOUTH SAN FRANCISCO STANDARD SPECIFICATIONS (LATEST EDITION).

2. ALL PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, AWWA STANDARDS, AND AS SET FORTH IN THE CITY OF SOUTH SAN FRANCISCO STANDARD SPECIFICATIONS.

3. ALL WATER LINES UP TO 12" SHALL BE AWWA C900 CLASS 200 PVC.

4. PROVIDE CATHODIC PROTECTION PER CITY STANDARDS.

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris
STUDIO ARCHITECTS

ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401

CONTACT
805.547.2240
ARRIS-STUDIO.COM

THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. IRGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

DETAILS

#	REVISION	DATE

PROJECT 16164

DATE AUGUST 29, 2017

SHEET C13 OF C14

K:\Projects\2016\16164\Dwg\MP\DETAILS.dwg, Layout1, Aug 24, 2017 11:07pm, Jasmin

Call Two Working Days Before You Dig

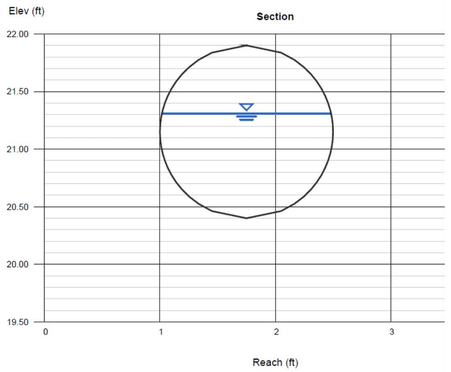
1-800-227-2600

Channel Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. — Thursday, Jun 15 2017

PROPOSED 18INCH SD @ Q-10 YEAR FLOW

		Highlighted	
Circular			
Diameter (ft)	= 1.50	Depth (ft)	= 0.91
		Q (cfs)	= 3.920
		Area (sqft)	= 1.13
Invert Elev (ft)	= 20.40	Velocity (ft/s)	= 3.48
Slope (%)	= 0.30	Wetted Perim (ft)	= 2.68
N-Value	= 0.013	Crit Depth, Yc (ft)	= 0.76
		Top Width (ft)	= 1.46
Calculations		EGL (ft)	= 1.10
Compute by:	Known Q		
Known Q (cfs)	= 3.92		

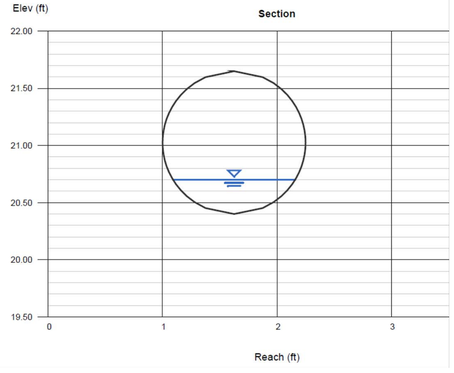


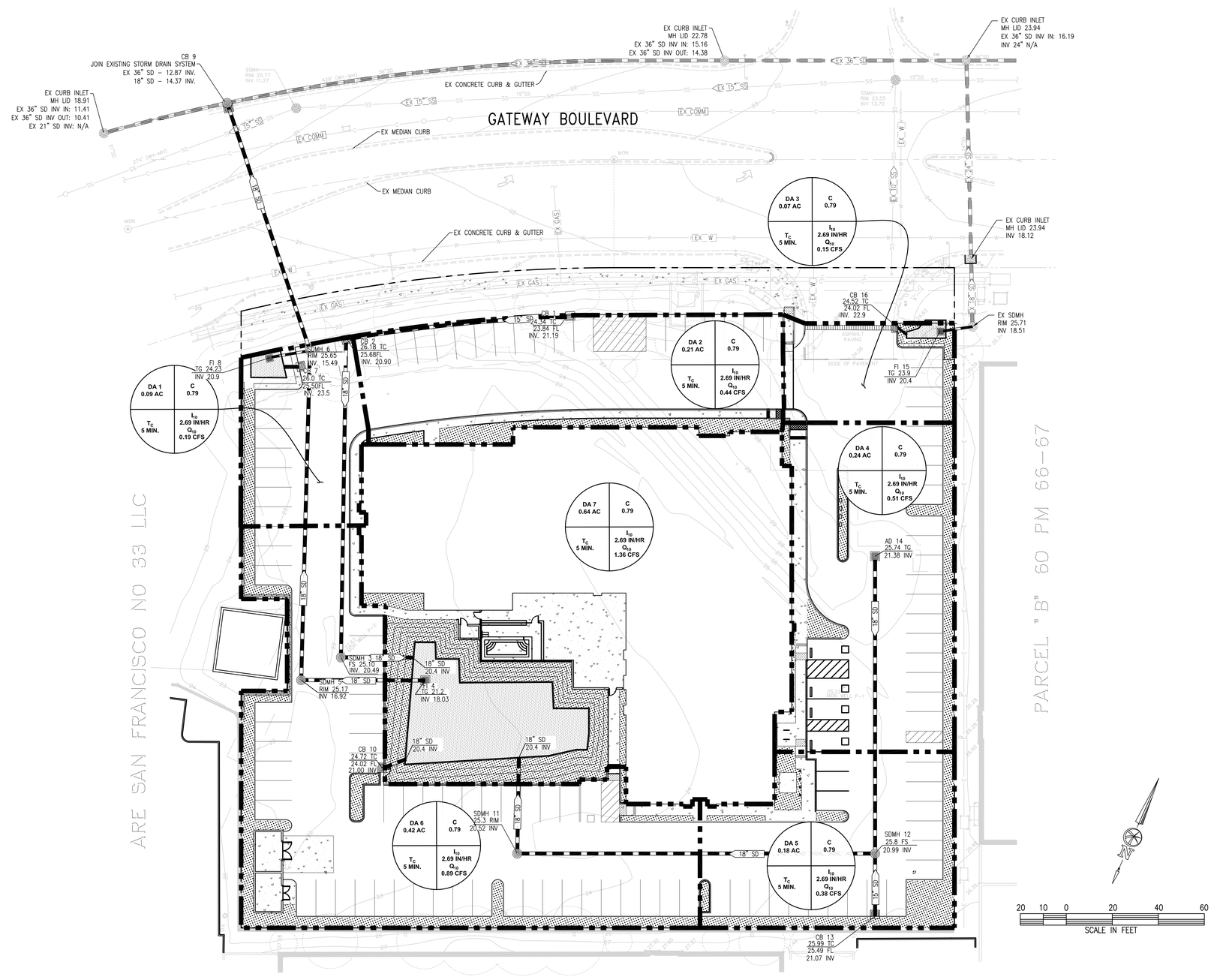
Channel Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. — Thursday, Jun 15 2017

15 inch SD pipe @ Drainage area DA 2

		Highlighted	
Circular			
Diameter (ft)	= 1.25	Depth (ft)	= 0.30
		Q (cfs)	= 0.440
		Area (sqft)	= 0.23
Invert Elev (ft)	= 20.40	Velocity (ft/s)	= 1.94
Slope (%)	= 0.30	Wetted Perim (ft)	= 1.28
N-Value	= 0.013	Crit Depth, Yc (ft)	= 0.26
		Top Width (ft)	= 1.07
Calculations		EGL (ft)	= 0.36
Compute by:	Known Q		
Known Q (cfs)	= 0.44		





HYDROLOGY SUMMARY

DRAINAGE AREA NAME	C RUNOFF COEFFICIENT	T_C TIME OF CONC. (MIN)	I RAINFALL INTENSITY (IN/HR – 10 YEAR)	A AREA (ACRES)	Q = C x I x A CFS (10 YEAR)
DA–1	0.79	5	2.69	0.09	0.19
DA–2	0.79	5	2.69	0.21	0.44
DA–3	0.79	5	2.69	0.07	0.15
DA–4	0.79	5	2.69	0.24	0.51
DA–5	0.79	5	2.69	0.18	0.38
DA–6	0.79	5	2.69	0.42	0.89
DA–7	0.79	5	2.69	0.64	1.36

Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94520
Phone (925) 685-4569 Fax (925) 685-4838

Arris STUDIO ARCHITECTS
ADDRESS
1306 JOHNSON AVENUE
SAN LUIS OBISPO, CA 93401
CONTACT
805.547.2240
ARRIS-STUDIO.COM
THOMAS E. JESS ARCHITECT #C27608
STEPHEN A. RIGOR ARCHITECT #C33672
ARCHITECT OF RECORD/CONSULTANT

CONSULTANT

PRELIMINARY NOT FOR CONSTRUCTION

CLIENT
SRI KRISHNA ENTERPRISE
300 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA 94080

PROJECT
GATEWAY HOTEL
550 GATEWAY BOULEVARD
SOUTH SAN FRANCISCO, CA

HYDROLOGY

#	REVISION	DATE

PROJECT 16164
DATE AUGUST 29, 2017
SHEET C14 OF C14

K:\Projects\2016\16164\Dwg\HYDROLOGY\HYDROLOGY_PROPOSED CONDITIONS.dwg, Layout1, Aug 24, 2017 10:11am, kamin